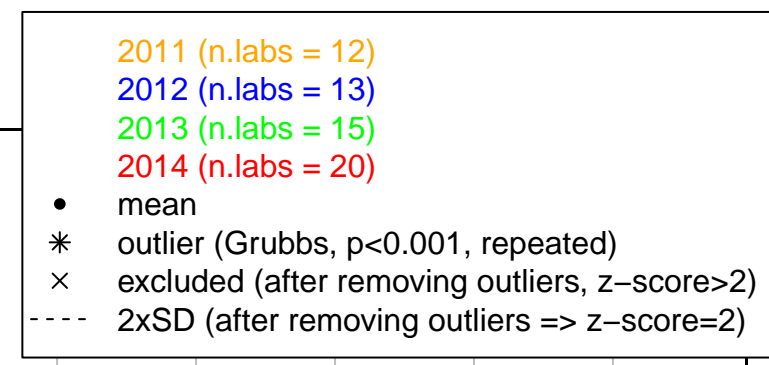


# BE MeOH 1

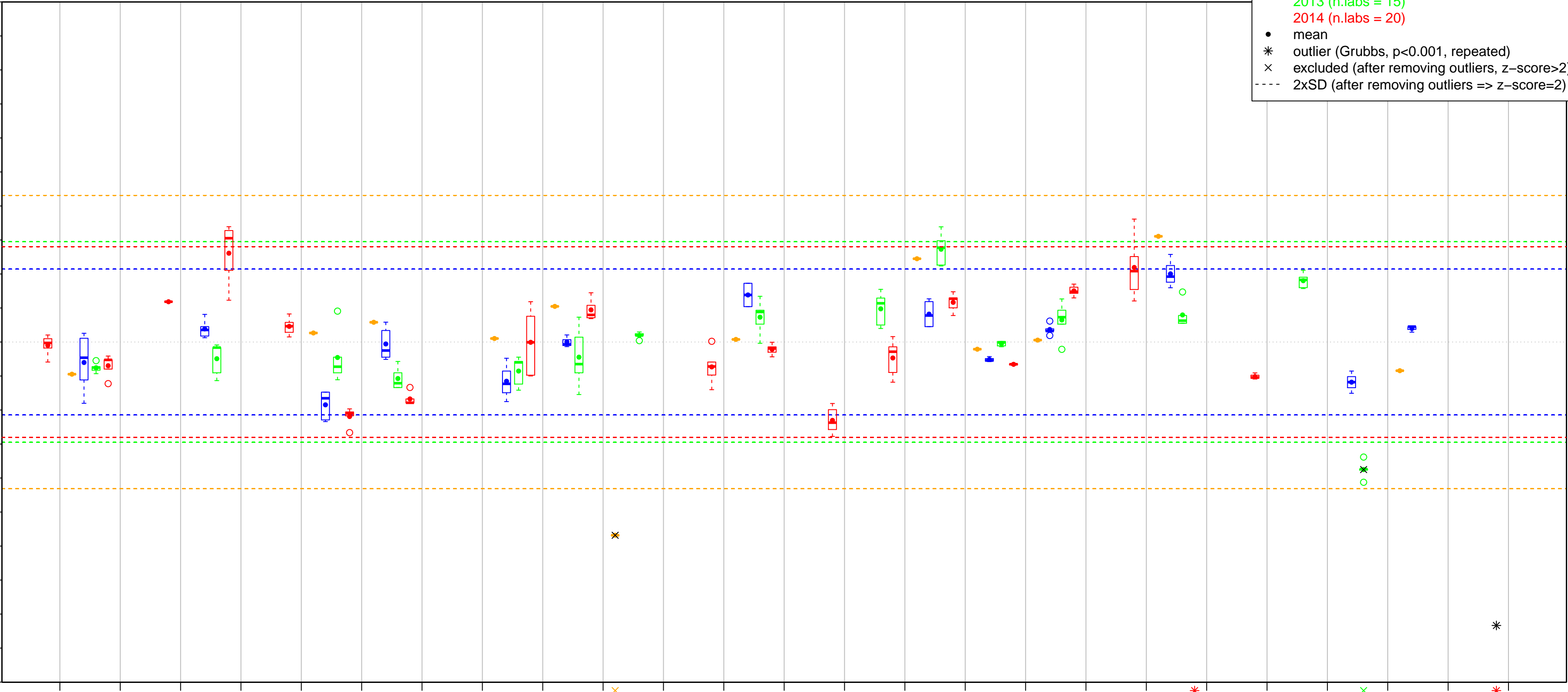
normalized concentrations (with mean of means per year after removing outliers)

2.0  
1.5  
1.0  
0.5  
0.0

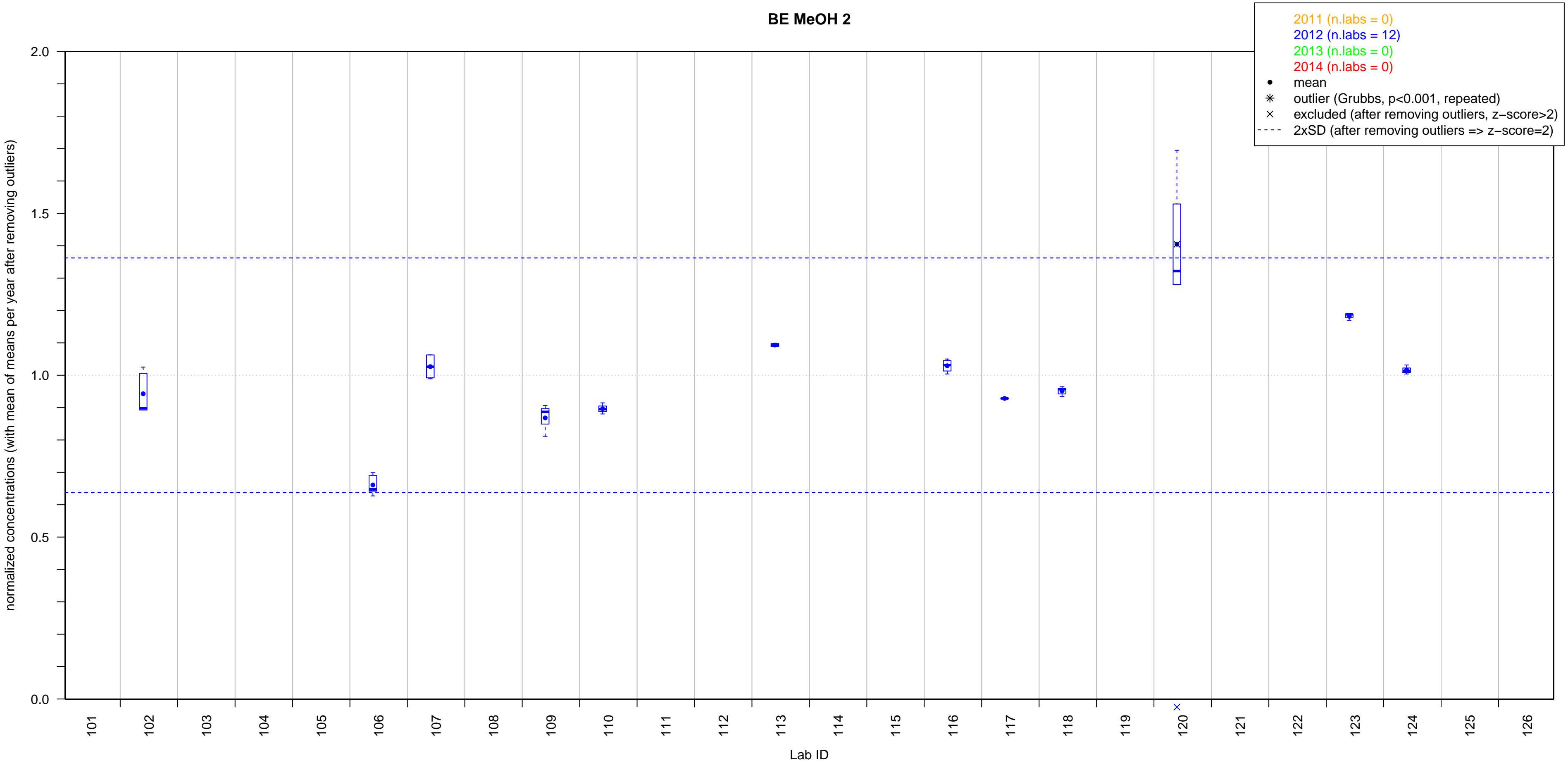


101 102 103 104 105 106 107 108 109 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126

Lab ID

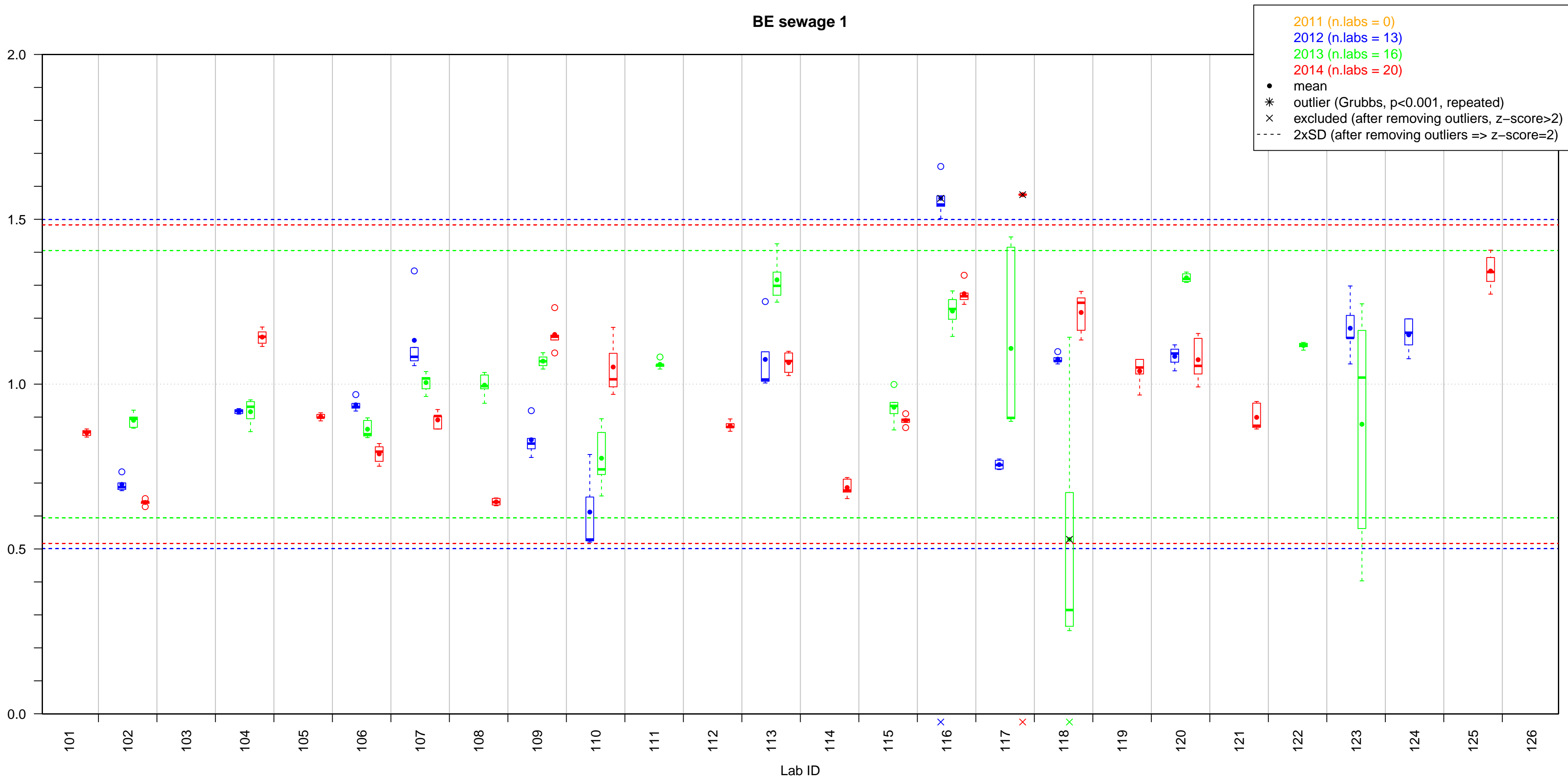


# BE MeOH 2



# BE sewage 1

normalized concentrations (with mean of means per year after removing outliers)

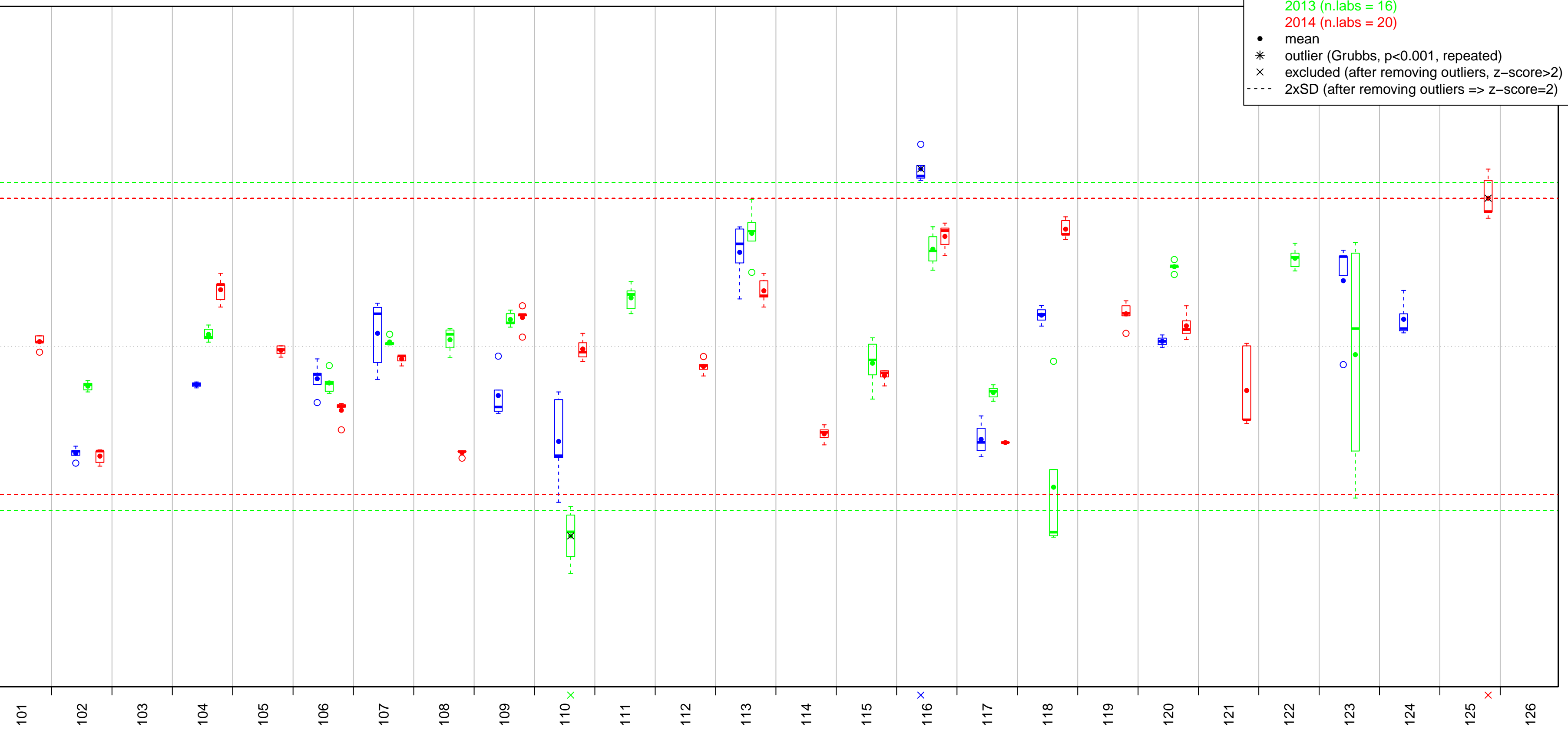


# BE sewage 2

normalized concentrations (with mean of means per year after removing outliers)

2.0  
1.5  
1.0  
0.5  
0.0

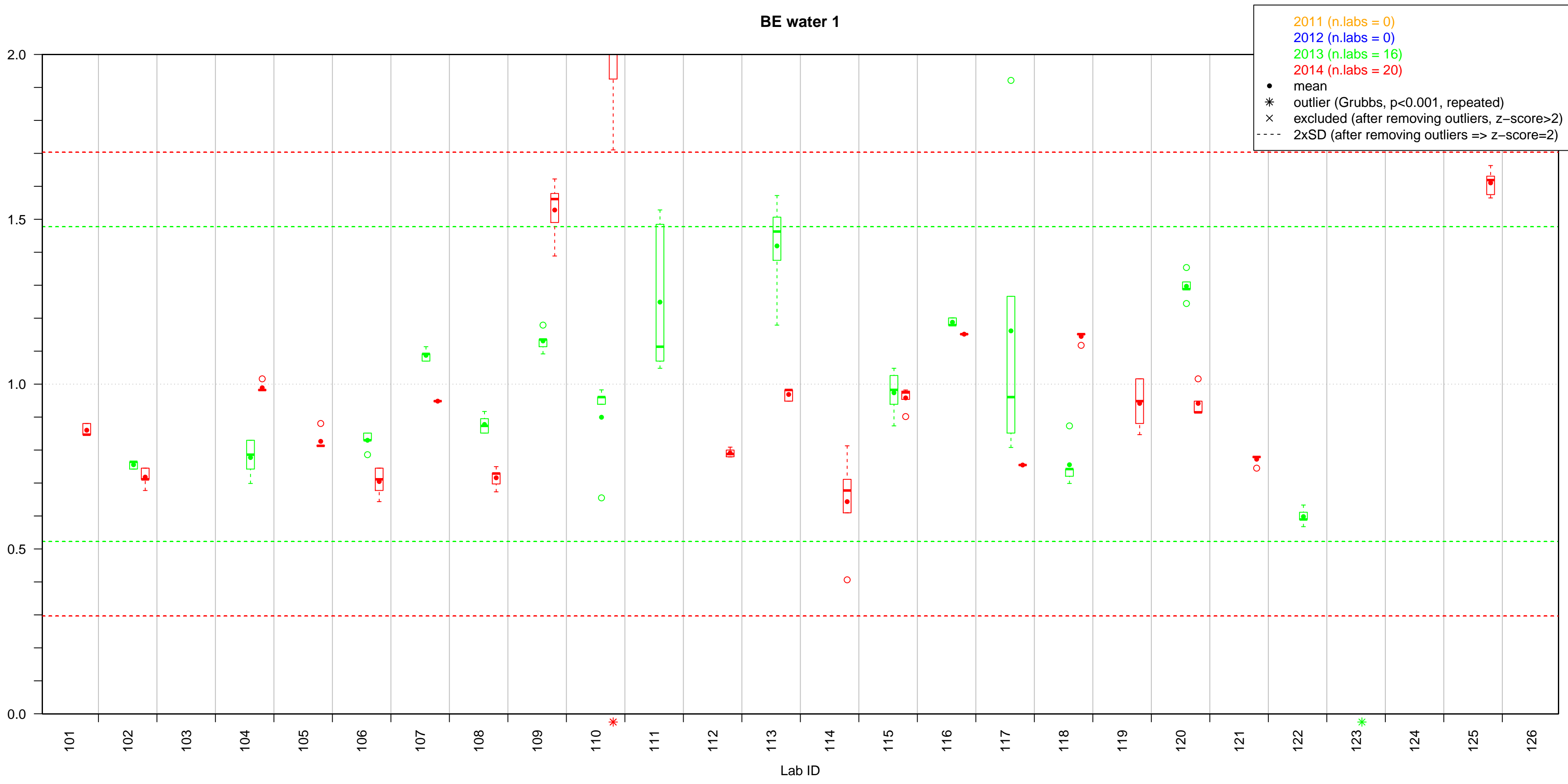
- 2011 (n.labs = 0)
- 2012 (n.labs = 13)
- 2013 (n.labs = 16)
- 2014 (n.labs = 20)
- mean
- \* outlier (Grubbs,  $p < 0.001$ , repeated)
- × excluded (after removing outliers,  $z\text{-score} > 2$ )
- - - 2xSD (after removing outliers  $\Rightarrow z\text{-score} = 2$ )



Lab ID

# BE water 1

normalized concentrations (with mean of means per year after removing outliers)

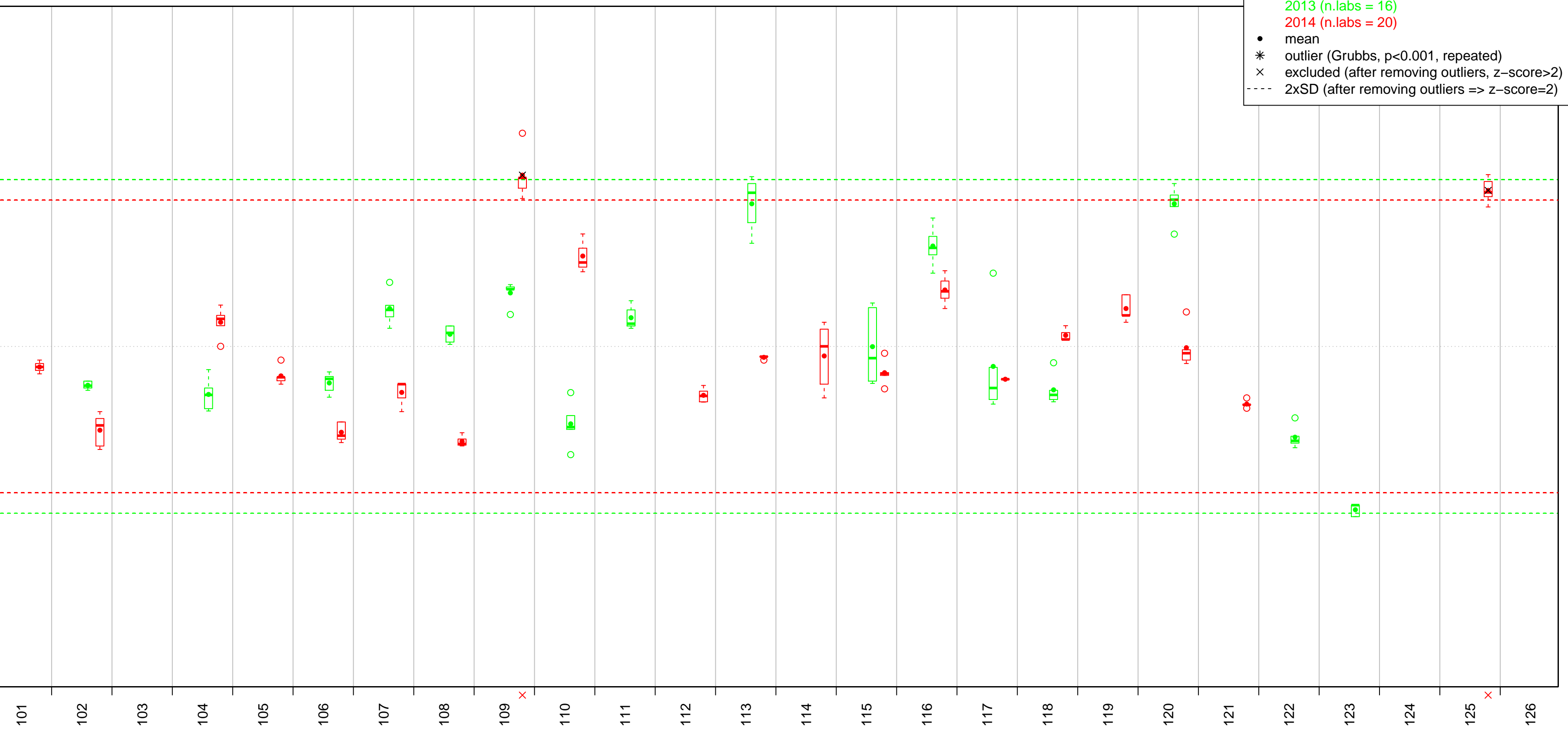


# BE water 2

normalized concentrations (with mean of means per year after removing outliers)

2.0  
1.5  
1.0  
0.5  
0.0

- 2011 (n.labs = 0)
- 2012 (n.labs = 0)
- 2013 (n.labs = 16)
- 2014 (n.labs = 20)
- mean
- \* outlier (Grubbs,  $p < 0.001$ , repeated)
- × excluded (after removing outliers,  $z\text{-score} > 2$ )
- - - 2xSD (after removing outliers  $\Rightarrow z\text{-score} = 2$ )

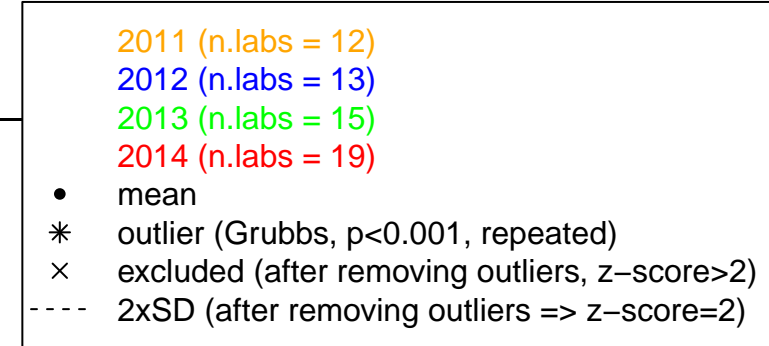


Lab ID

# COC MeOH 1

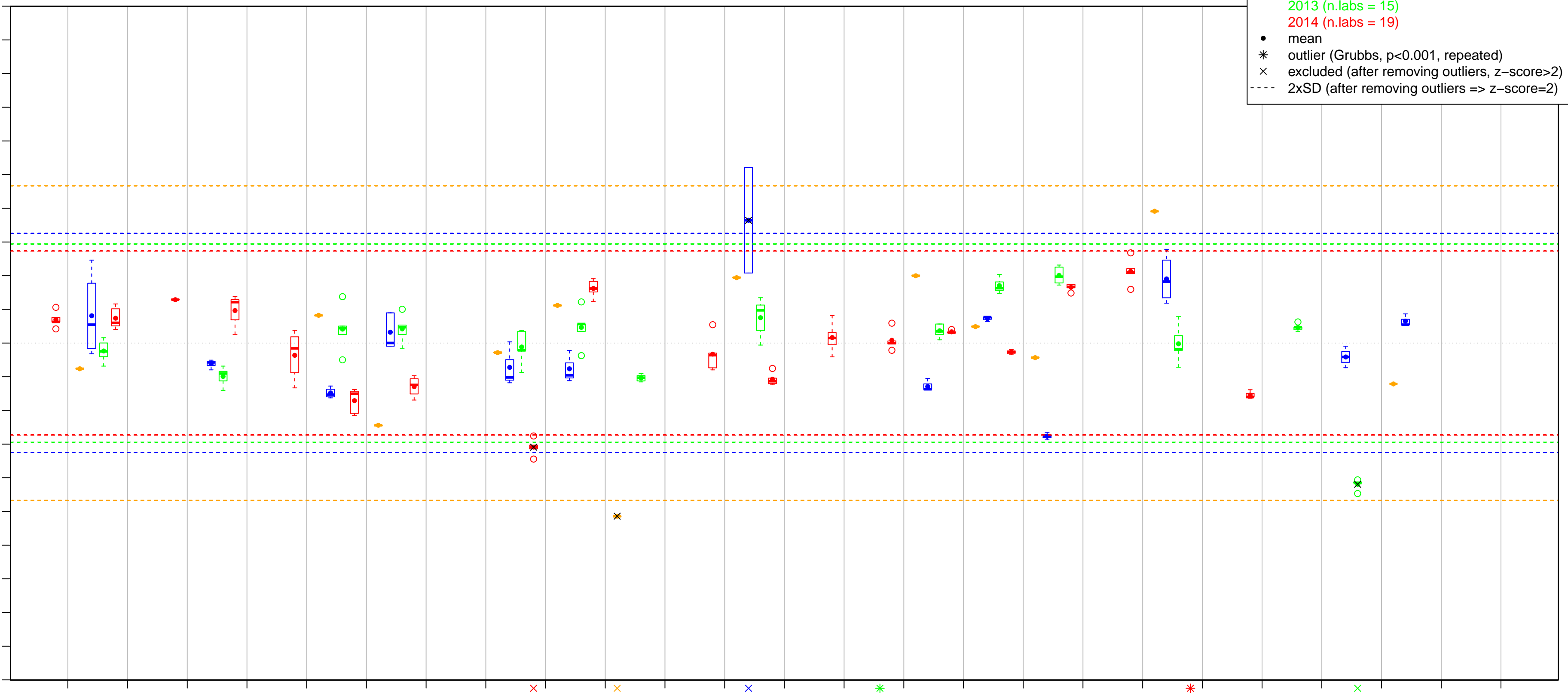
normalized concentrations (with mean of means per year after removing outliers)

2.0  
1.5  
1.0  
0.5  
0.0



101 102 103 104 105 106 107 108 109 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126

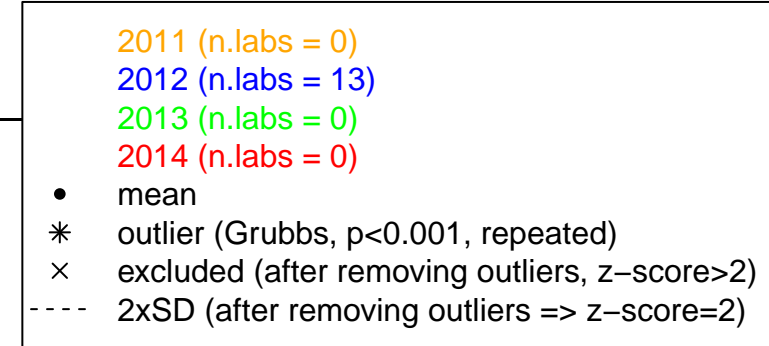
Lab ID



# COC MeOH 2

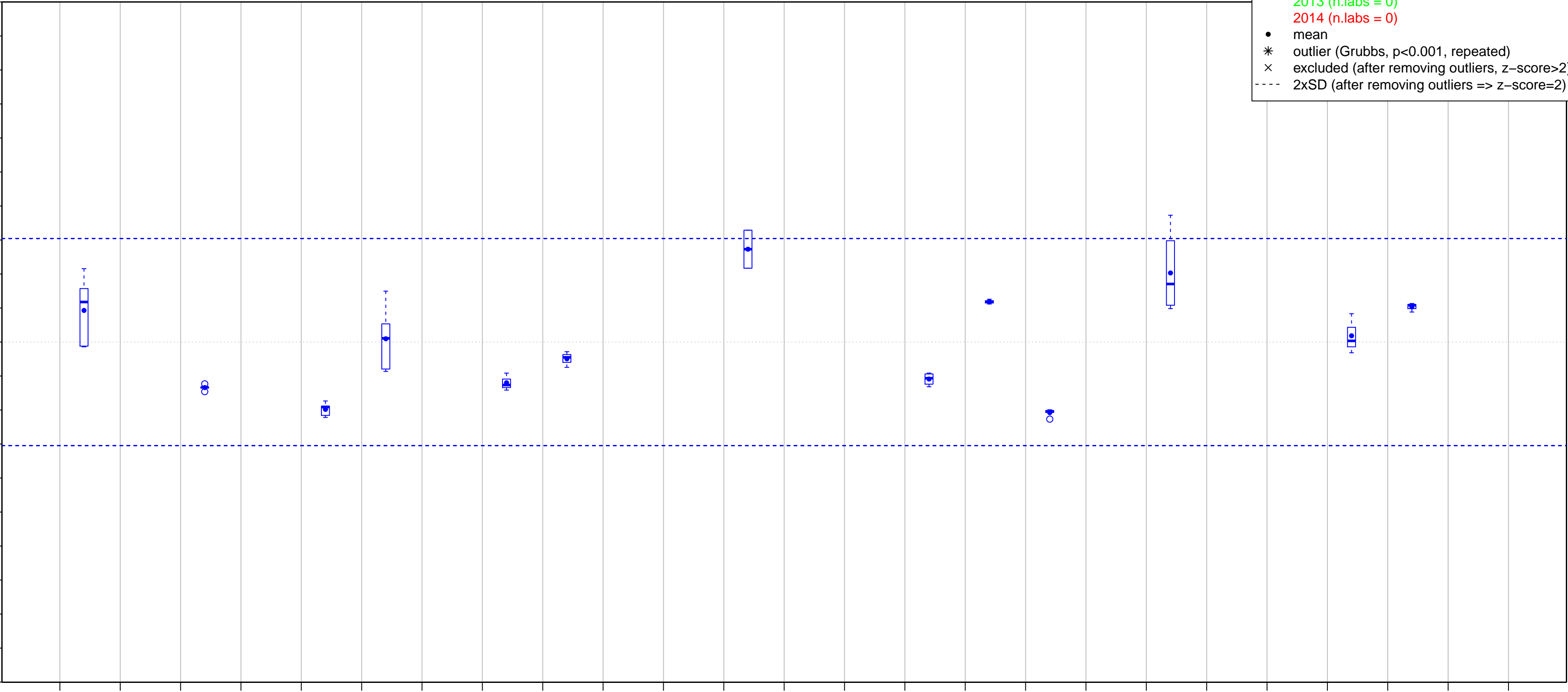
normalized concentrations (with mean of means per year after removing outliers)

2.0  
1.5  
1.0  
0.5  
0.0



101 102 103 104 105 106 107 108 109 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126

Lab ID





# COC sewage 1

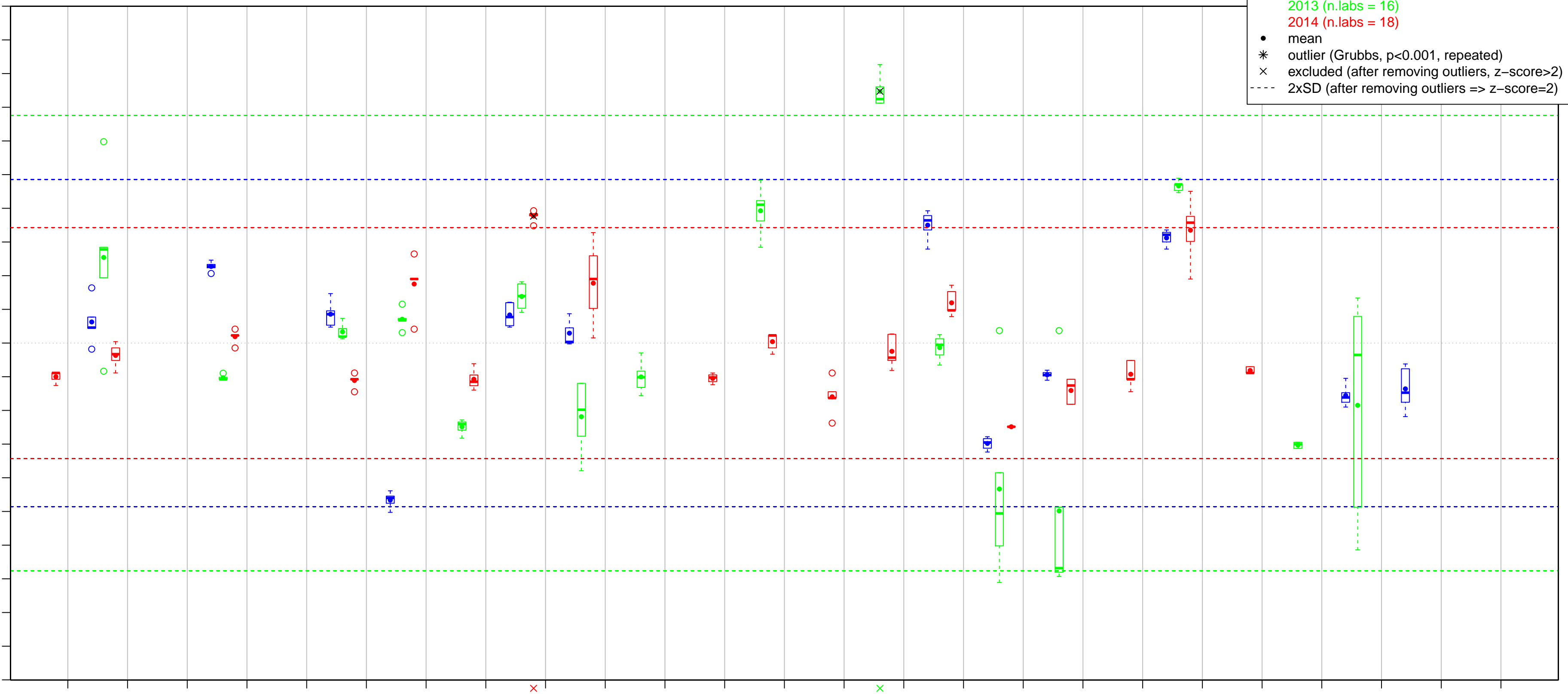
normalized concentrations (with mean of means per year after removing outliers)

2.0  
1.5  
1.0  
0.5  
0.0

- 2011 (n.labs = 0)
- 2012 (n.labs = 12)
- 2013 (n.labs = 16)
- 2014 (n.labs = 18)
- mean
- \* outlier (Grubbs,  $p < 0.001$ , repeated)
- × excluded (after removing outliers,  $z\text{-score} > 2$ )
- - - 2xSD (after removing outliers  $\Rightarrow z\text{-score} = 2$ )

101 102 103 104 105 106 107 108 109 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126

Lab ID



# COC sewage 2

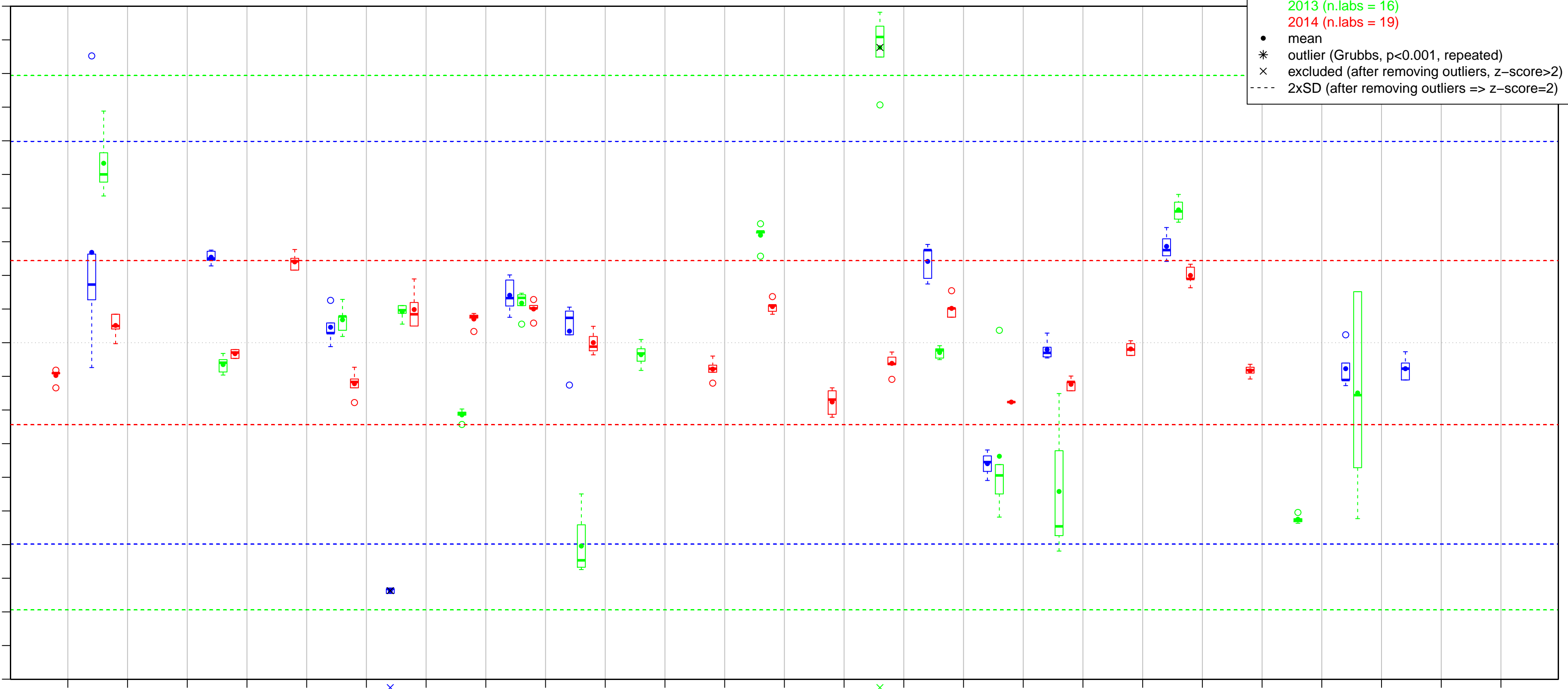
normalized concentrations (with mean of means per year after removing outliers)

2.0  
1.5  
1.0  
0.5  
0.0

- 2011 (n.labs = 0)
- 2012 (n.labs = 12)
- 2013 (n.labs = 16)
- 2014 (n.labs = 19)
- mean
- \* outlier (Grubbs,  $p < 0.001$ , repeated)
- × excluded (after removing outliers,  $z\text{-score} > 2$ )
- - - 2xSD (after removing outliers  $\Rightarrow z\text{-score} = 2$ )

101 102 103 104 105 106 107 108 109 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126

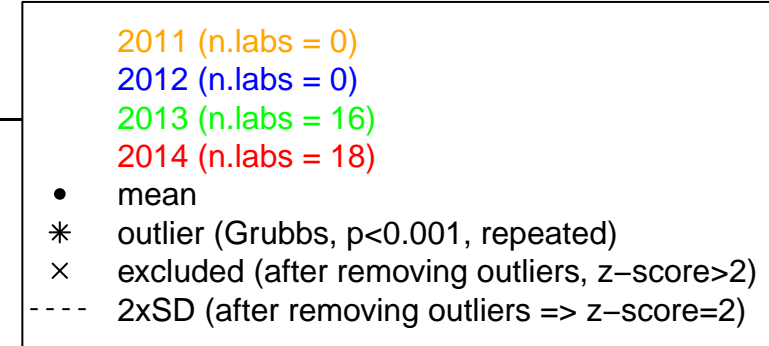
Lab ID



# COC water 1

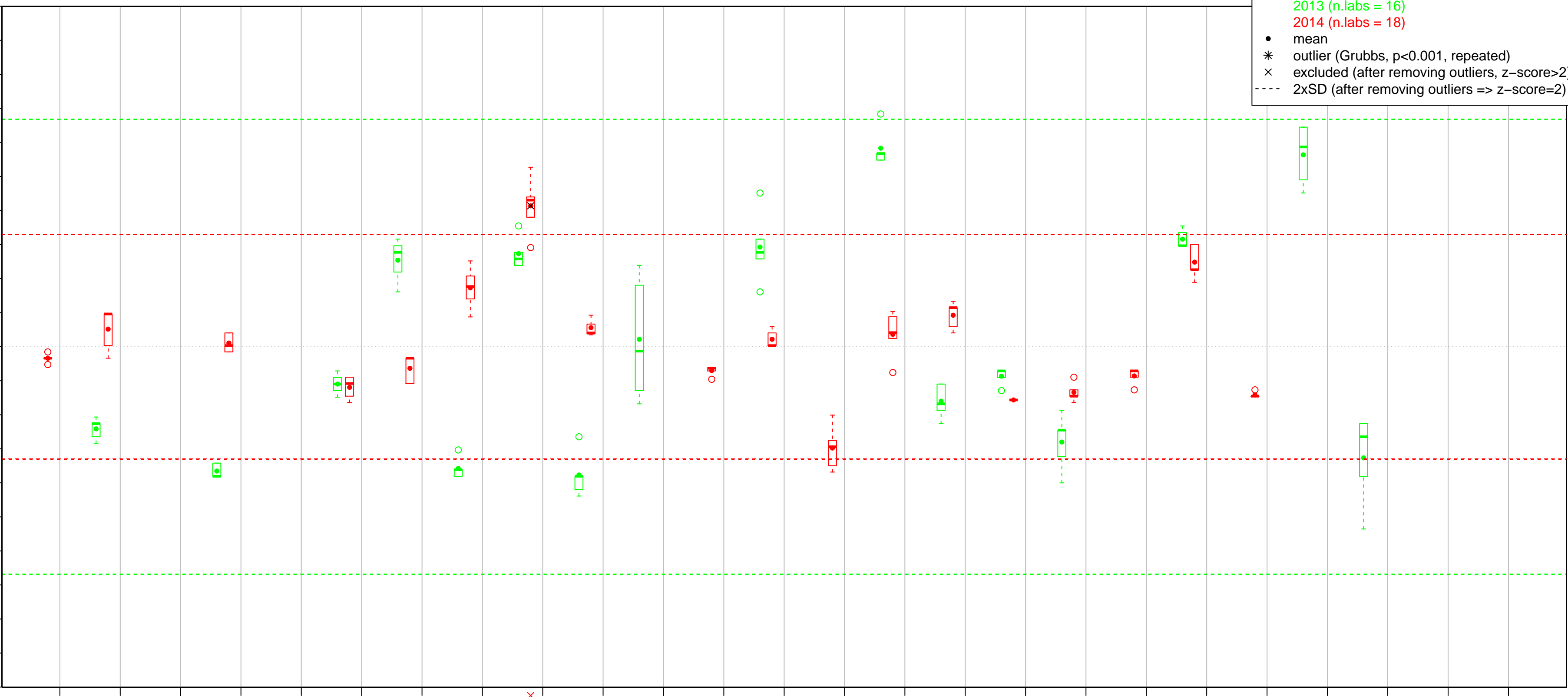
normalized concentrations (with mean of means per year after removing outliers)

2.0  
1.5  
1.0  
0.5  
0.0



101 102 103 104 105 106 107 108 109 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126

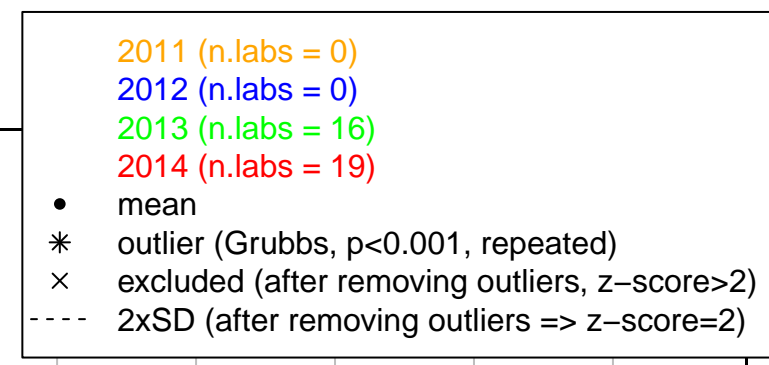
Lab ID



# COC water 2

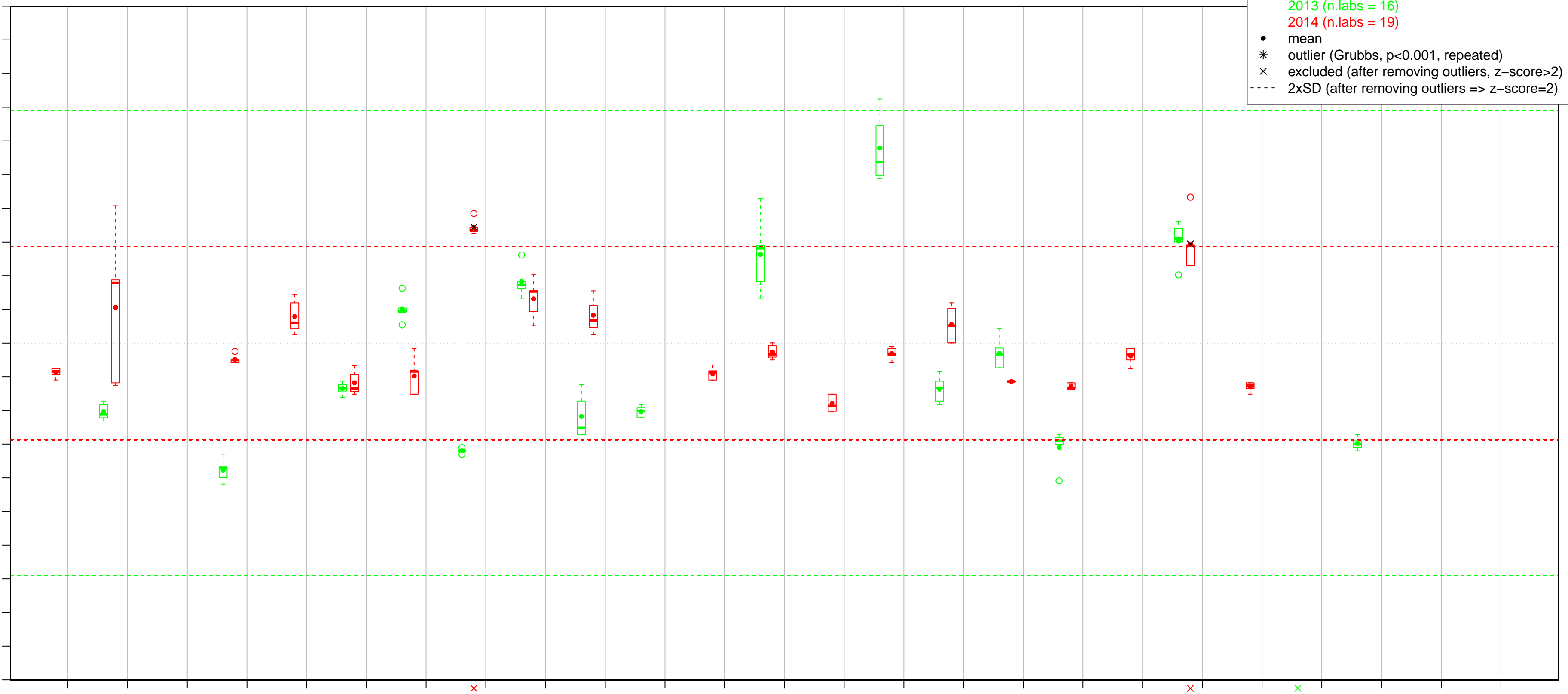
normalized concentrations (with mean of means per year after removing outliers)

2.0  
1.5  
1.0  
0.5  
0.0



101 102 103 104 105 106 107 108 109 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126

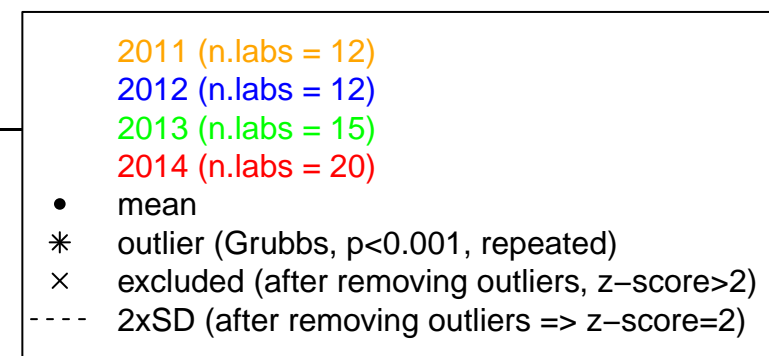
Lab ID



# MDMA MeOH 1

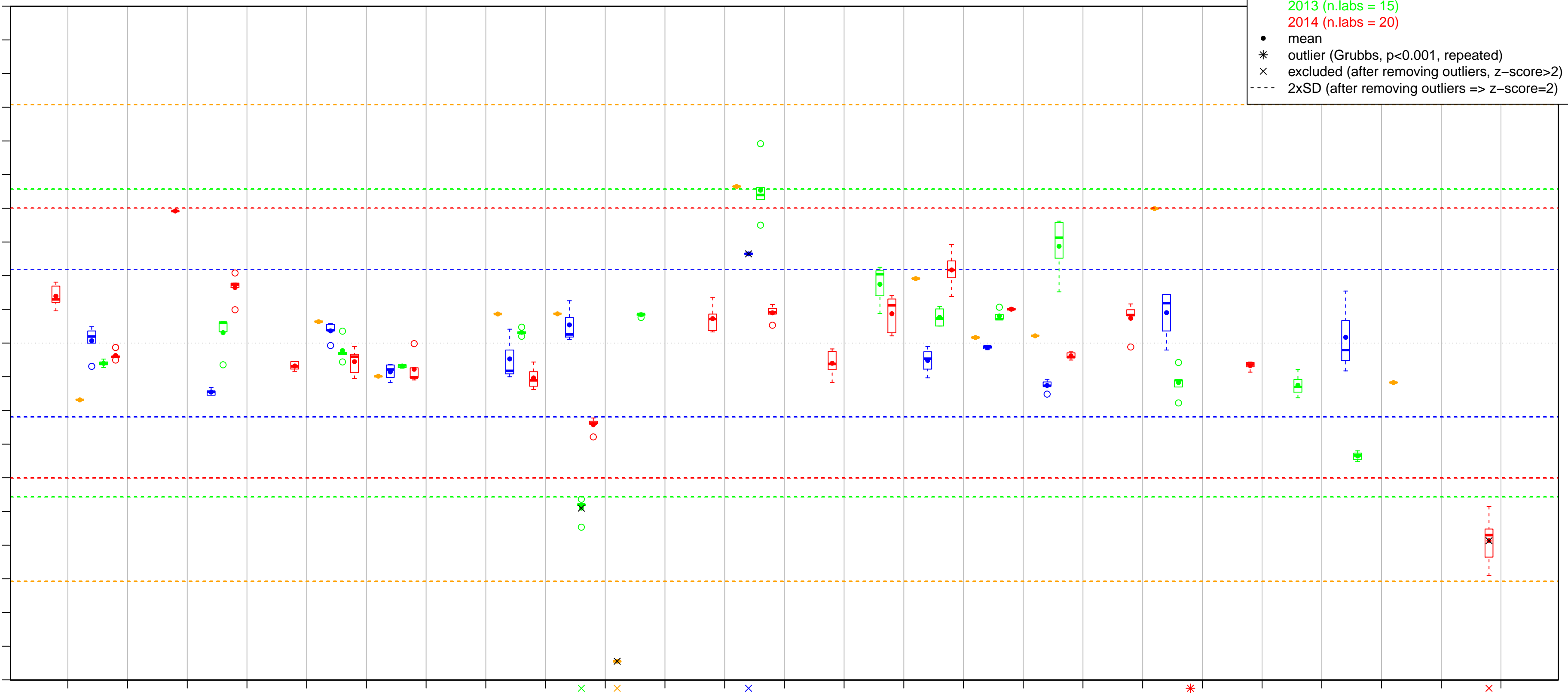
normalized concentrations (with mean of means per year after removing outliers)

2.0  
1.5  
1.0  
0.5  
0.0



101 102 103 104 105 106 107 108 109 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126

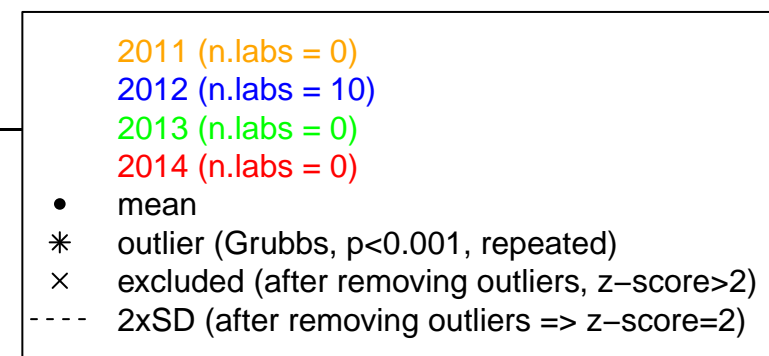
Lab ID



# MDMA MeOH 2

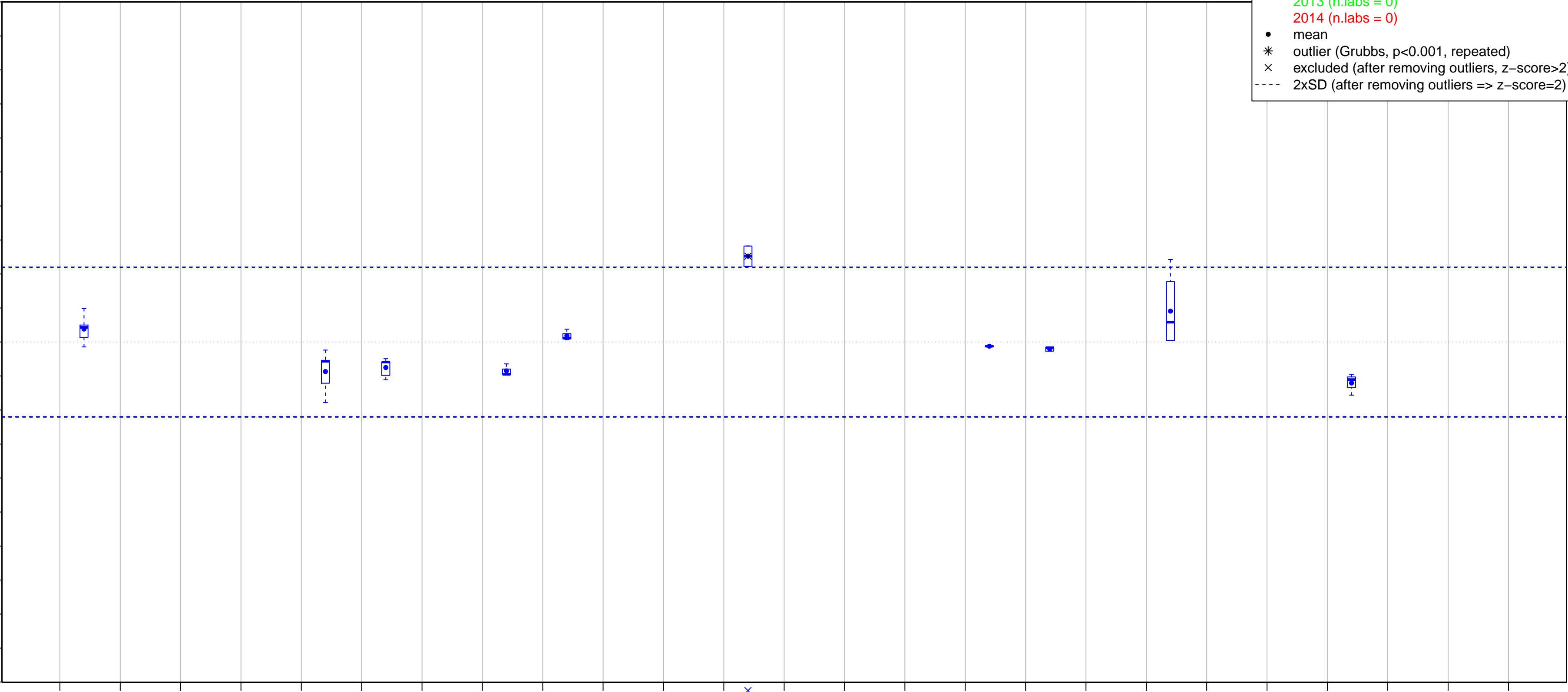
normalized concentrations (with mean of means per year after removing outliers)

2.0  
1.5  
1.0  
0.5  
0.0

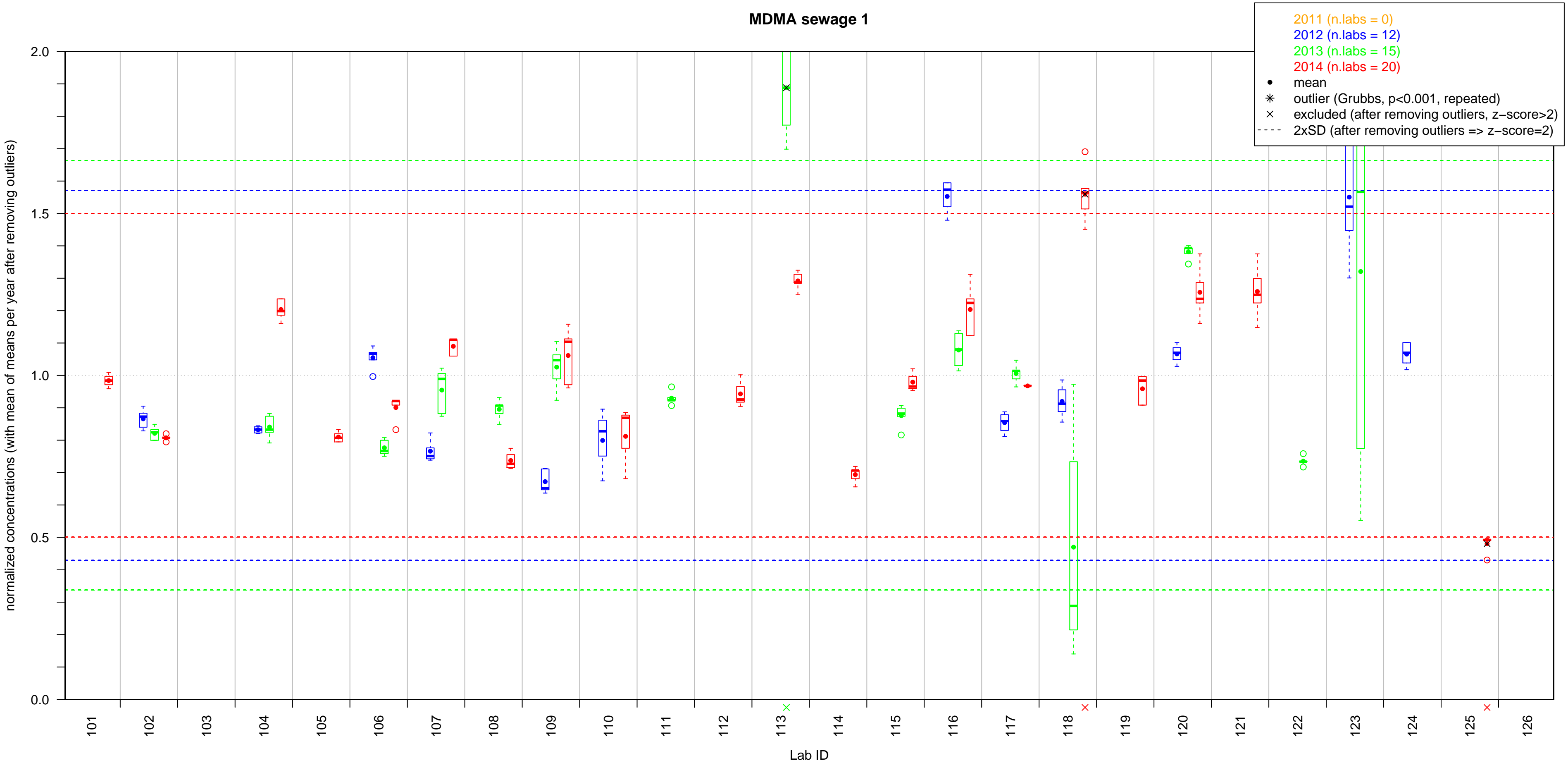


101 102 103 104 105 106 107 108 109 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126

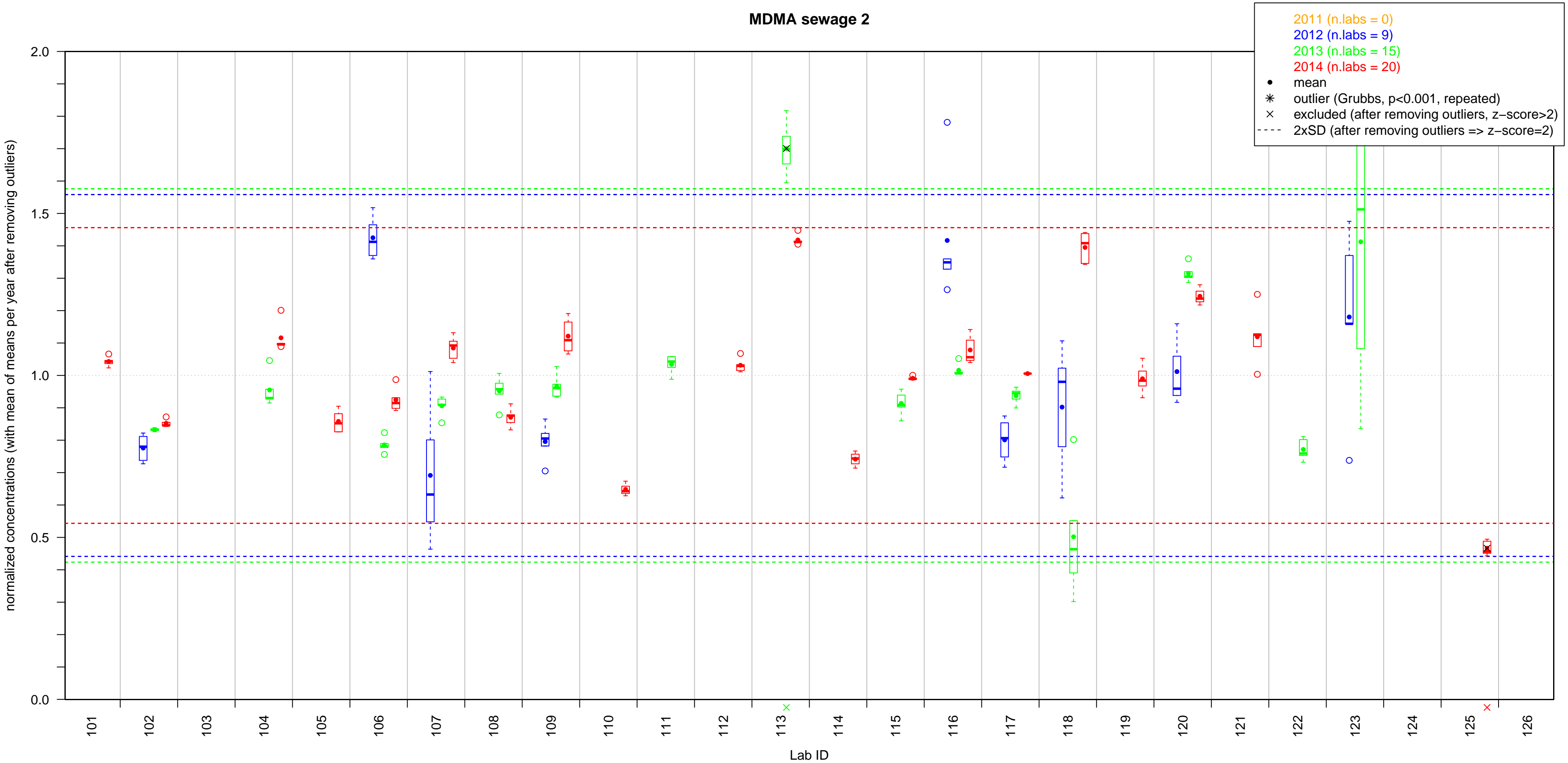
Lab ID



# MDMA sewage 1



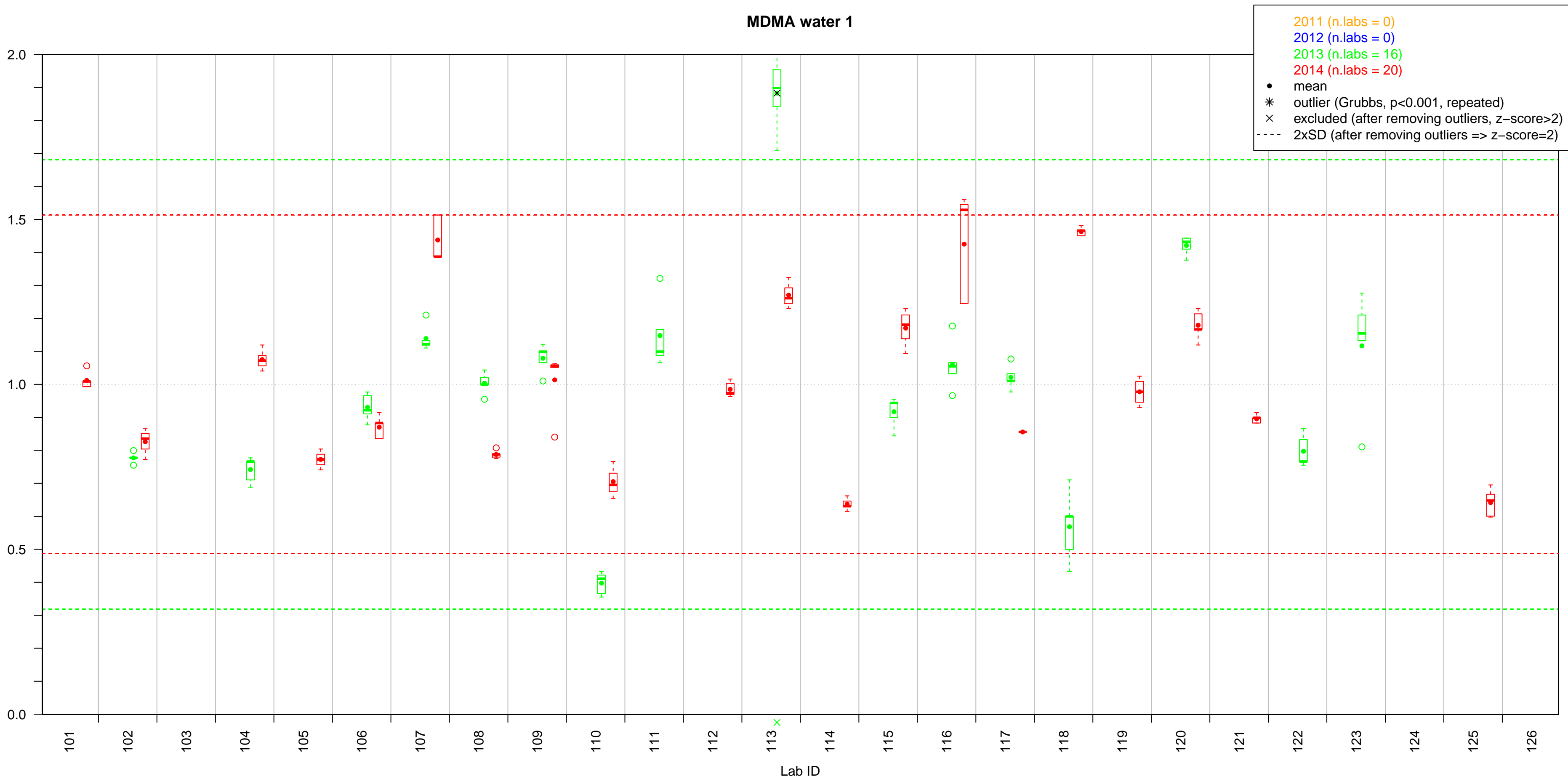
# MDMA sewage 2





# MDMA water 1

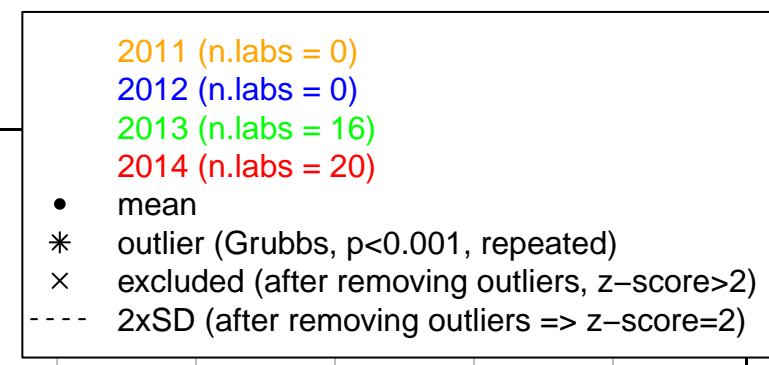
normalized concentrations (with mean of means per year after removing outliers)



# MDMA water 2

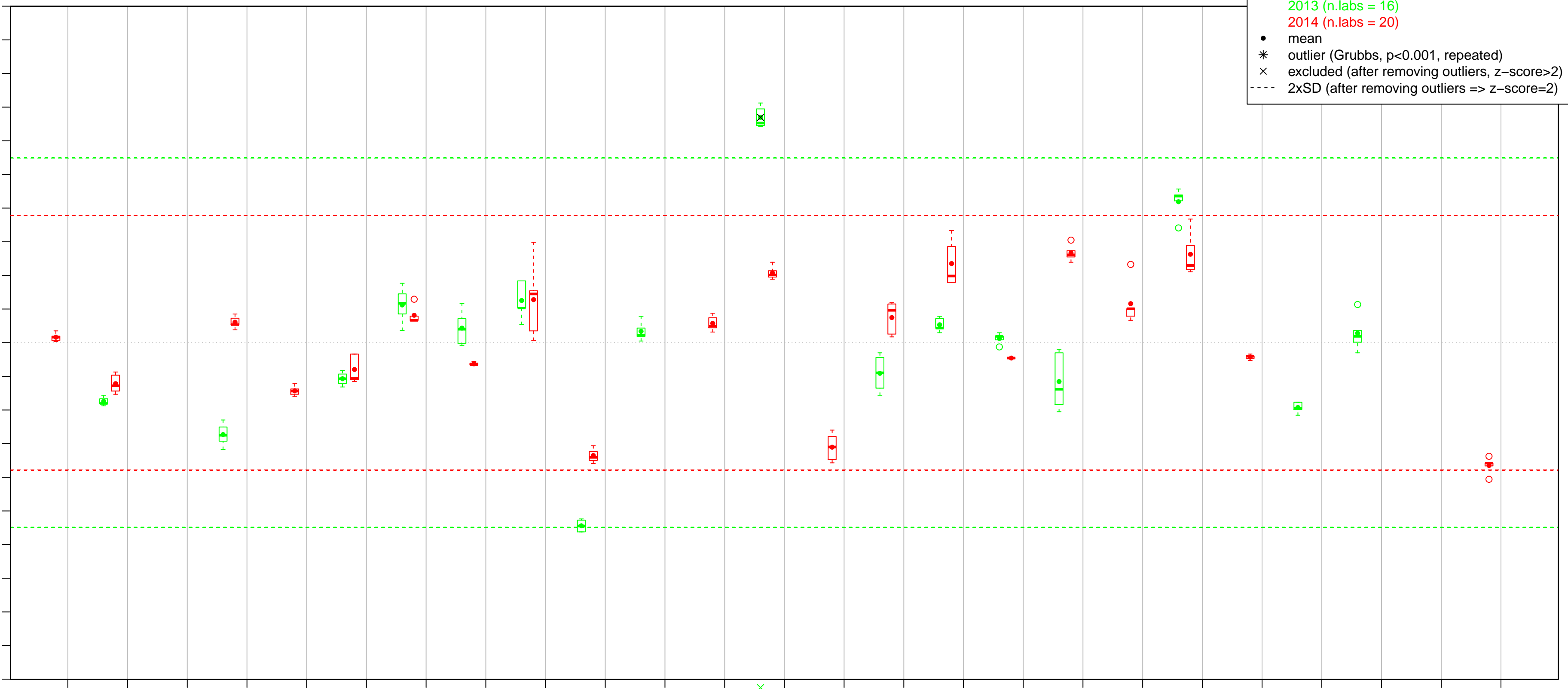
normalized concentrations (with mean of means per year after removing outliers)

2.0  
1.5  
1.0  
0.5  
0.0



101 102 103 104 105 106 107 108 109 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126

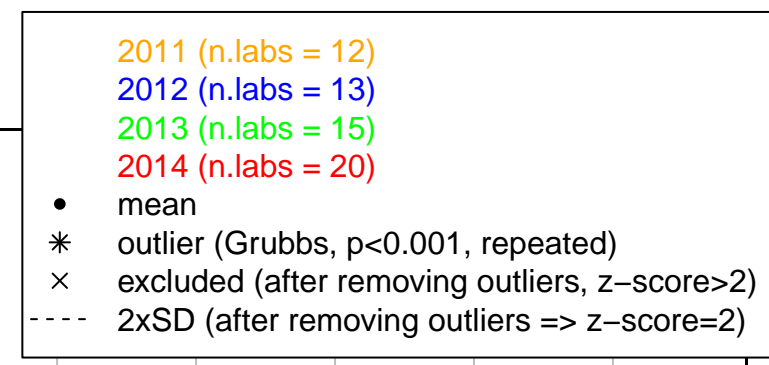
Lab ID



# AMPH MeOH 1

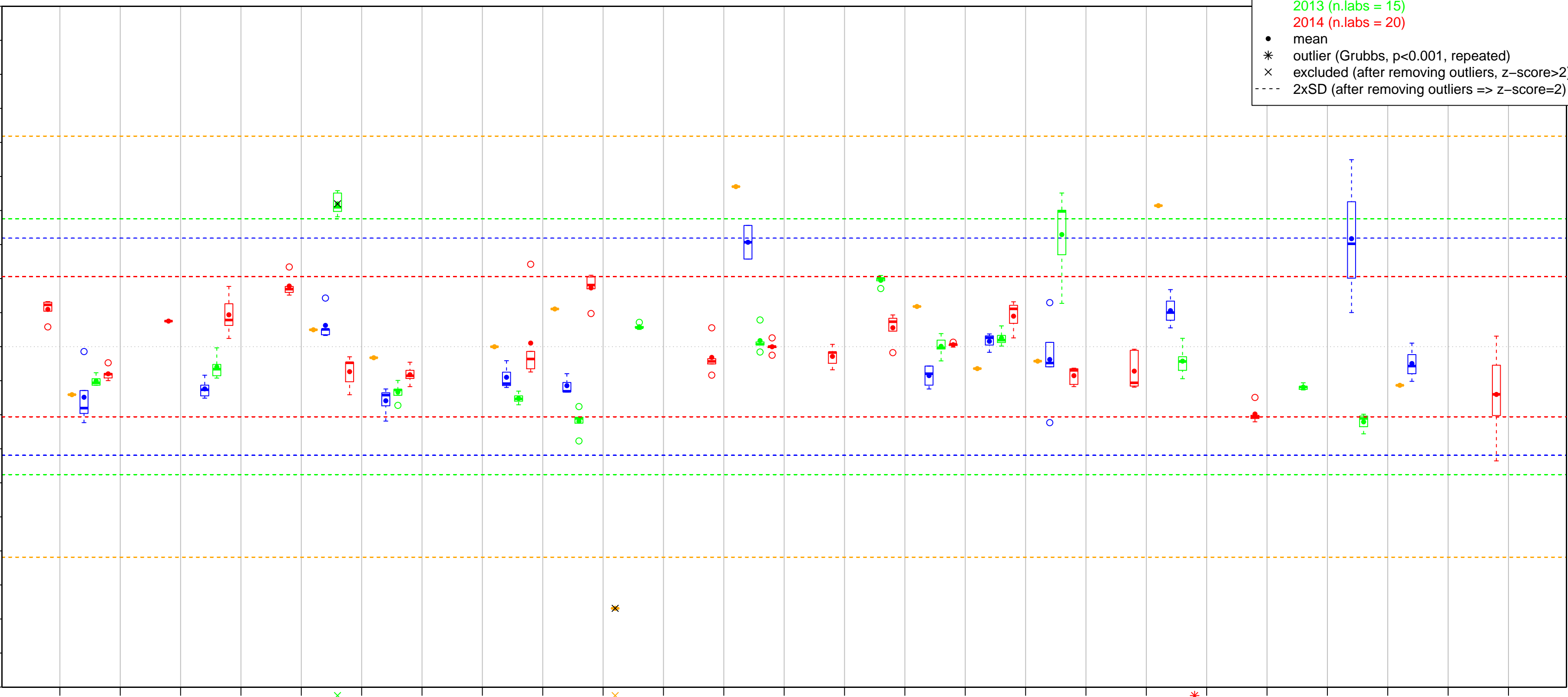
normalized concentrations (with mean of means per year after removing outliers)

2.0  
1.5  
1.0  
0.5  
0.0



101 102 103 104 105 106 107 108 109 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126

Lab ID



# AMPH MeOH 2

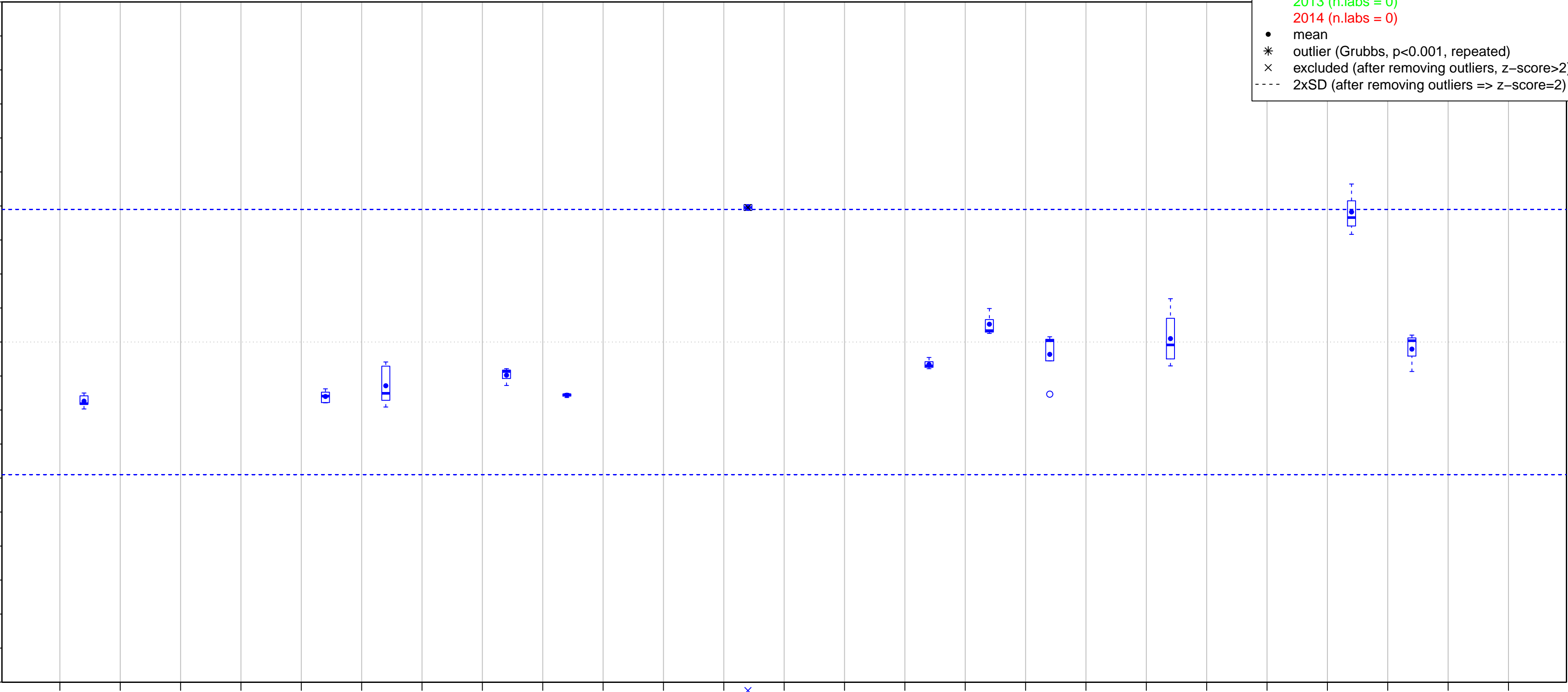
normalized concentrations (with mean of means per year after removing outliers)

2.0  
1.5  
1.0  
0.5  
0.0

- 2011 (n.labs = 0)
- 2012 (n.labs = 12)
- 2013 (n.labs = 0)
- 2014 (n.labs = 0)
- mean
- \* outlier (Grubbs,  $p < 0.001$ , repeated)
- × excluded (after removing outliers,  $z\text{-score} > 2$ )
- - - 2xSD (after removing outliers  $\Rightarrow z\text{-score} = 2$ )

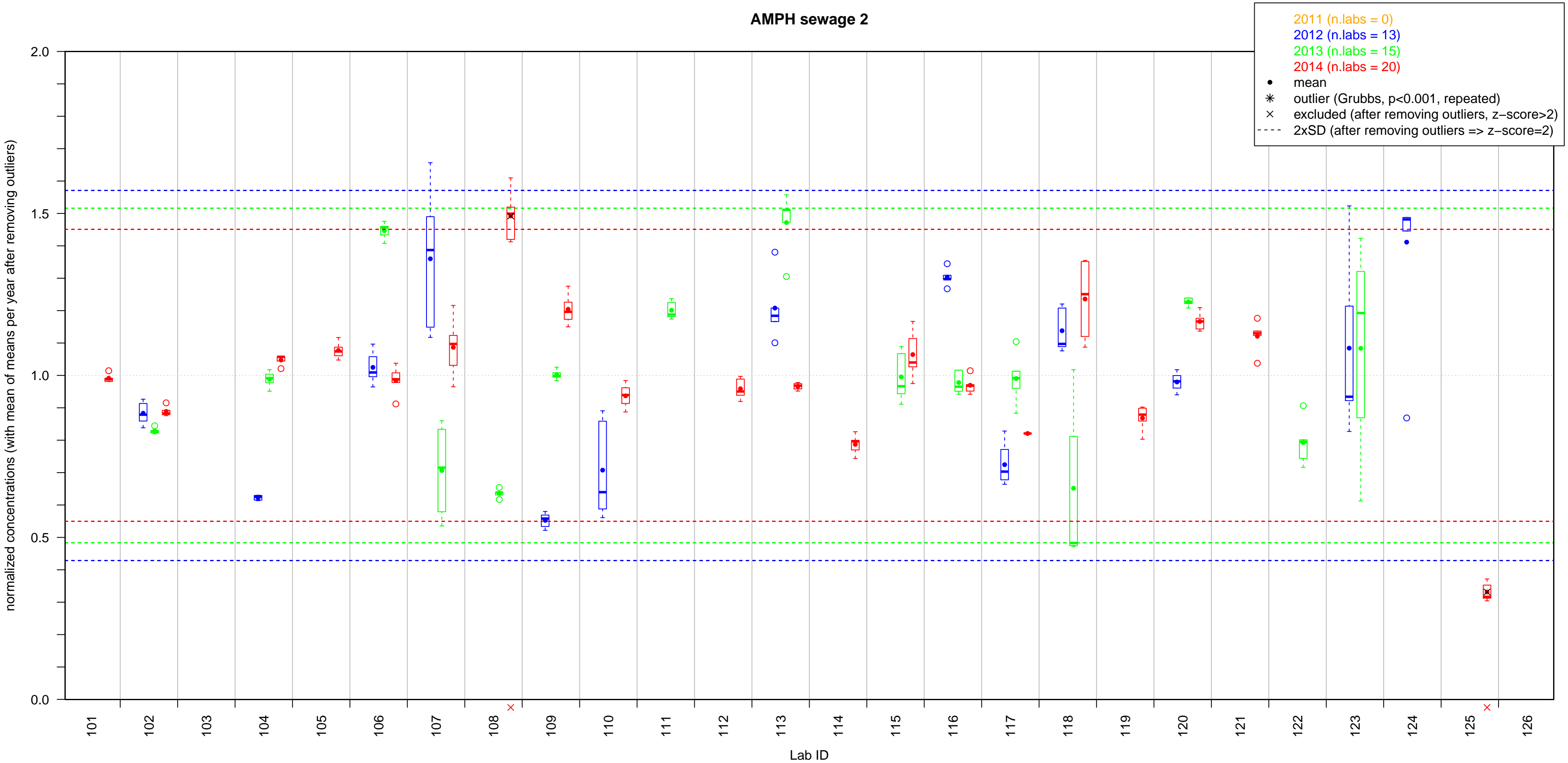
101 102 103 104 105 106 107 108 109 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126

Lab ID





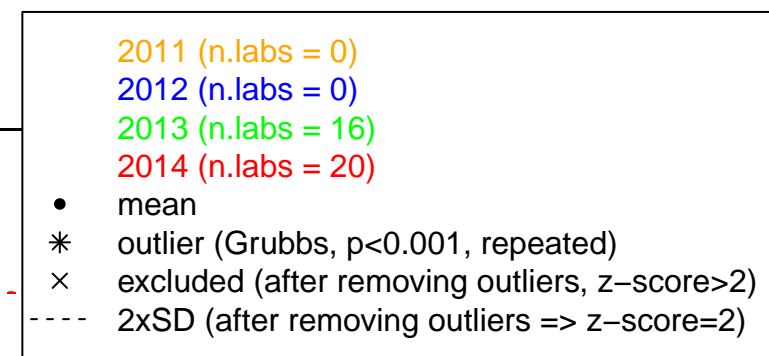
# AMPH sewage 2



# AMPH water 1

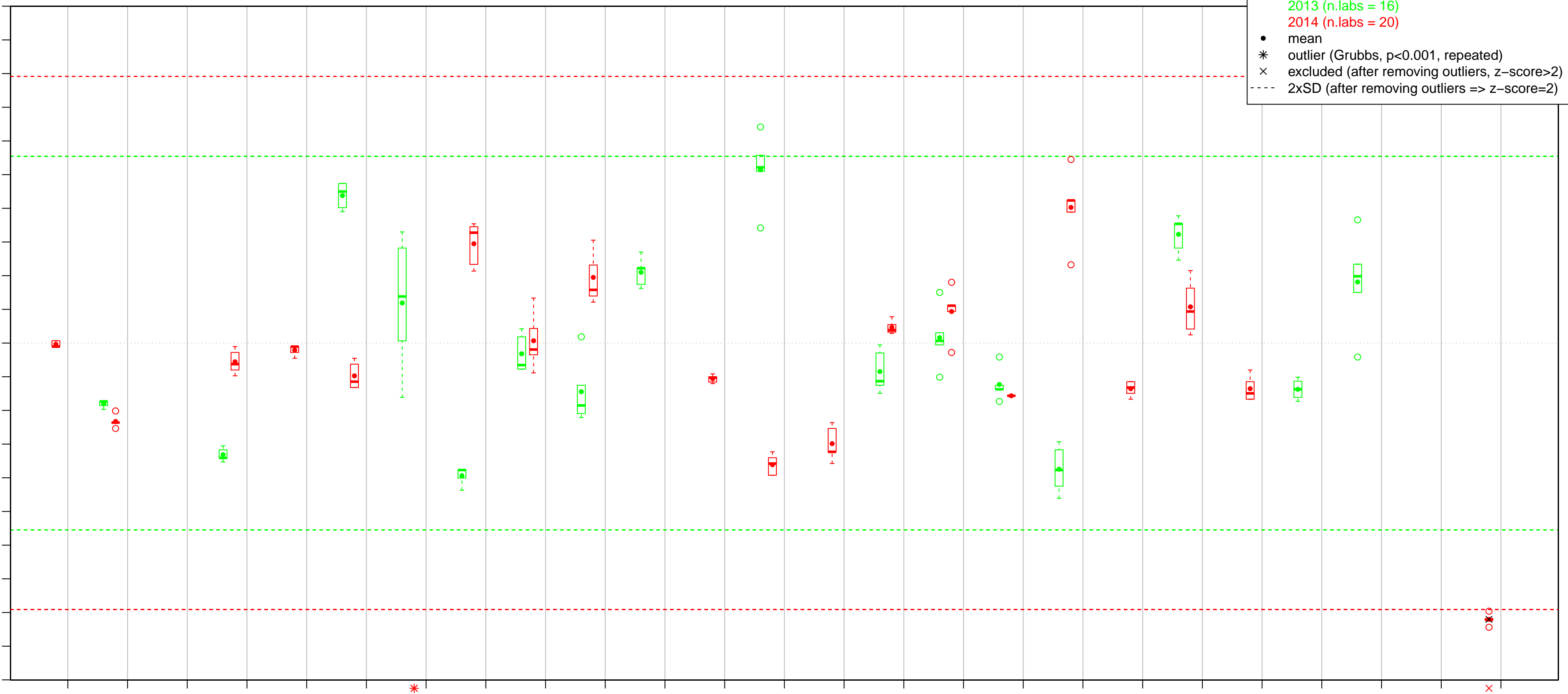
normalized concentrations (with mean of means per year after removing outliers)

2.0  
1.5  
1.0  
0.5  
0.0



101 102 103 104 105 106 107 108 109 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126

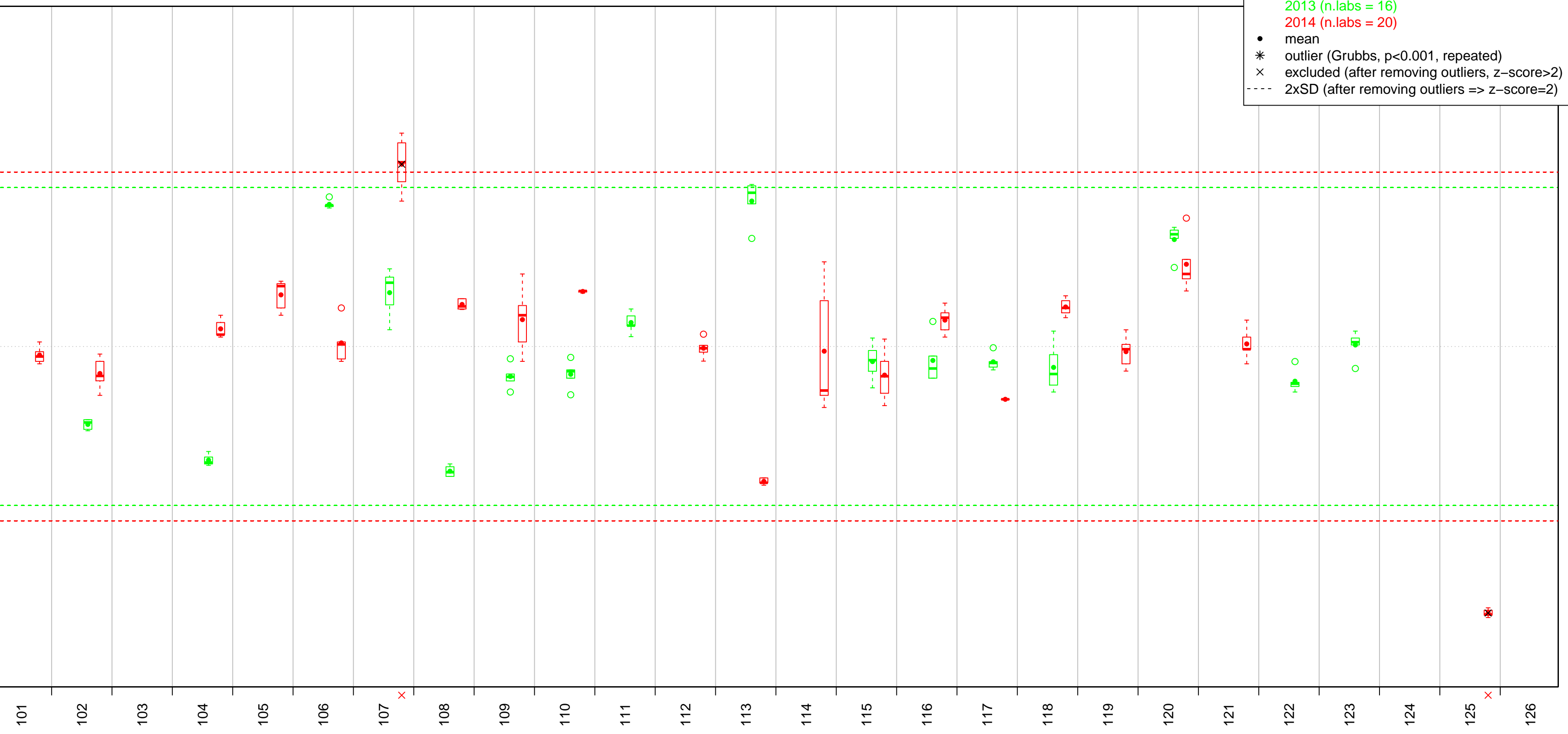
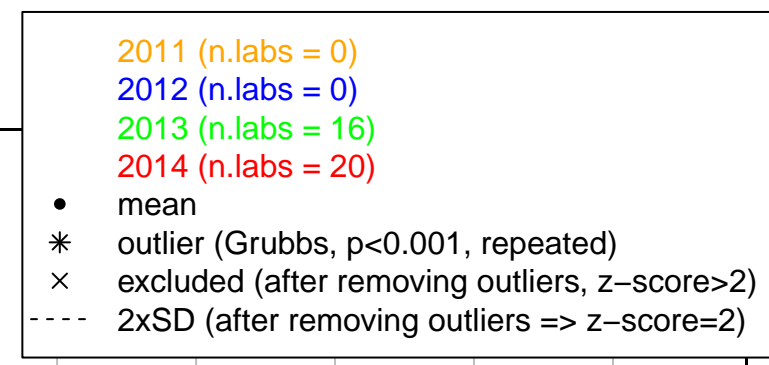
Lab ID



# AMPH water 2

normalized concentrations (with mean of means per year after removing outliers)

2.0  
1.5  
1.0  
0.5  
0.0





# METH MeOH 1

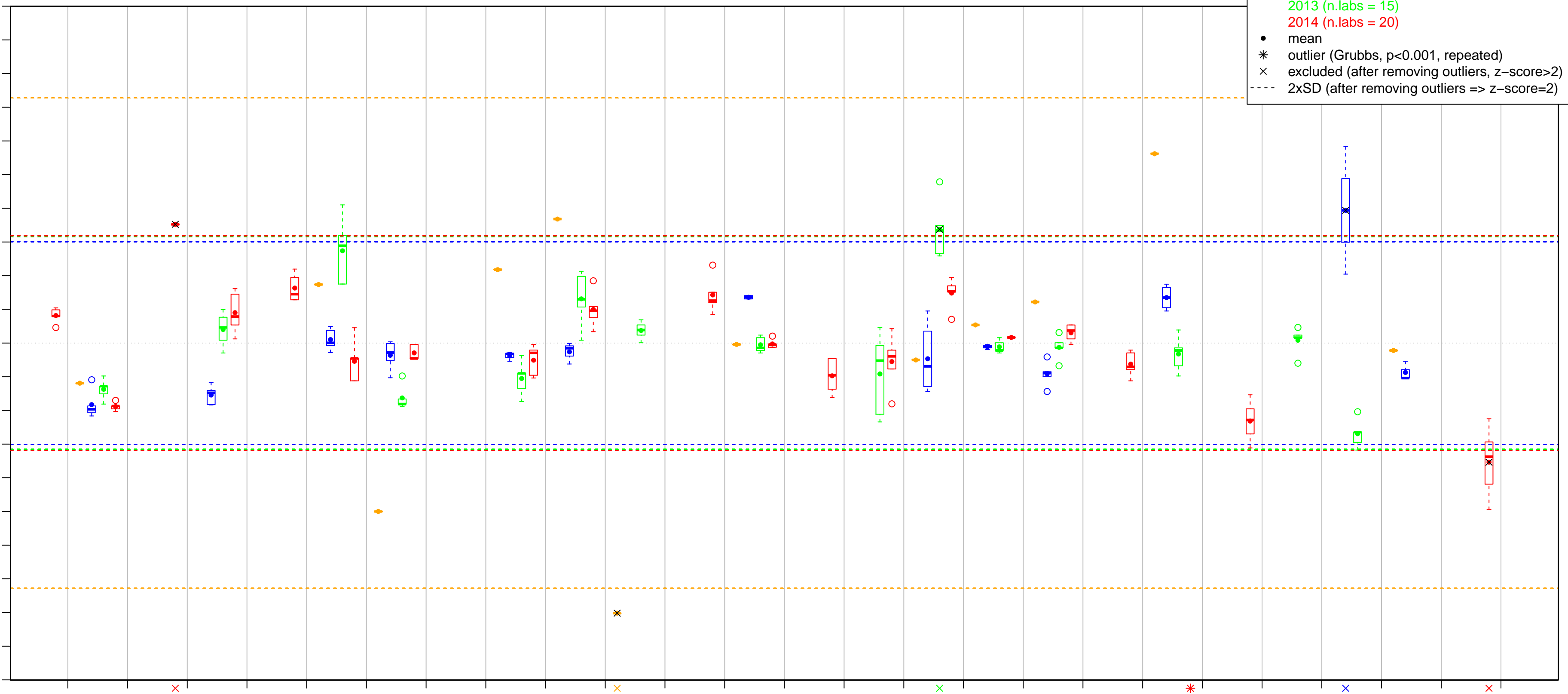
normalized concentrations (with mean of means per year after removing outliers)

2.0  
1.5  
1.0  
0.5  
0.0

- 2011 (n.labs = 12)
- 2012 (n.labs = 13)
- 2013 (n.labs = 15)
- 2014 (n.labs = 20)
- mean
- \* outlier (Grubbs,  $p < 0.001$ , repeated)
- × excluded (after removing outliers,  $z\text{-score} > 2$ )
- - - 2xSD (after removing outliers  $\Rightarrow z\text{-score} = 2$ )

101 102 103 104 105 106 107 108 109 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126

Lab ID



# METH MeOH 2

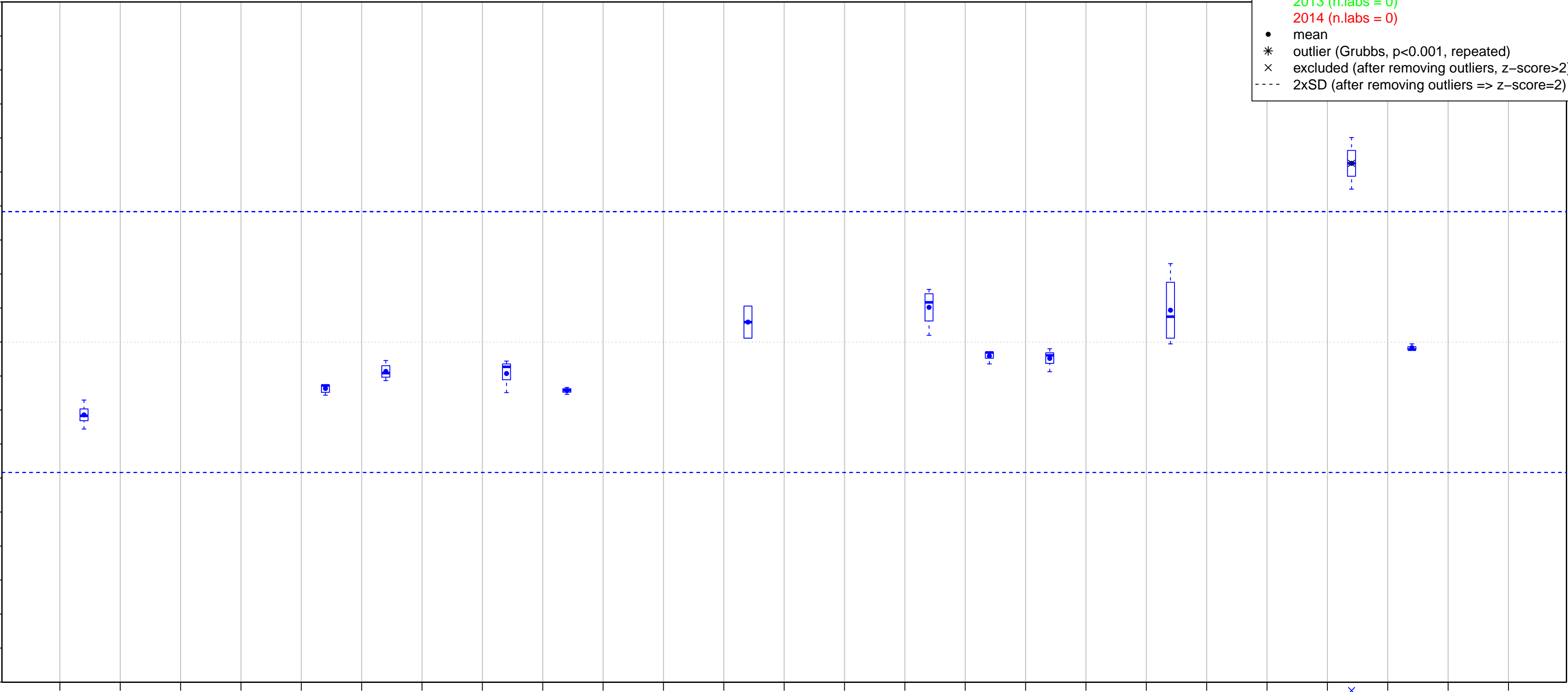
normalized concentrations (with mean of means per year after removing outliers)

2.0  
1.5  
1.0  
0.5  
0.0

- 2011 (n.labs = 0)
- 2012 (n.labs = 12)
- 2013 (n.labs = 0)
- 2014 (n.labs = 0)
- mean
- \* outlier (Grubbs,  $p < 0.001$ , repeated)
- × excluded (after removing outliers,  $z\text{-score} > 2$ )
- - - 2xSD (after removing outliers  $\Rightarrow z\text{-score} = 2$ )

101 102 103 104 105 106 107 108 109 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126

Lab ID



# METH sewage 1

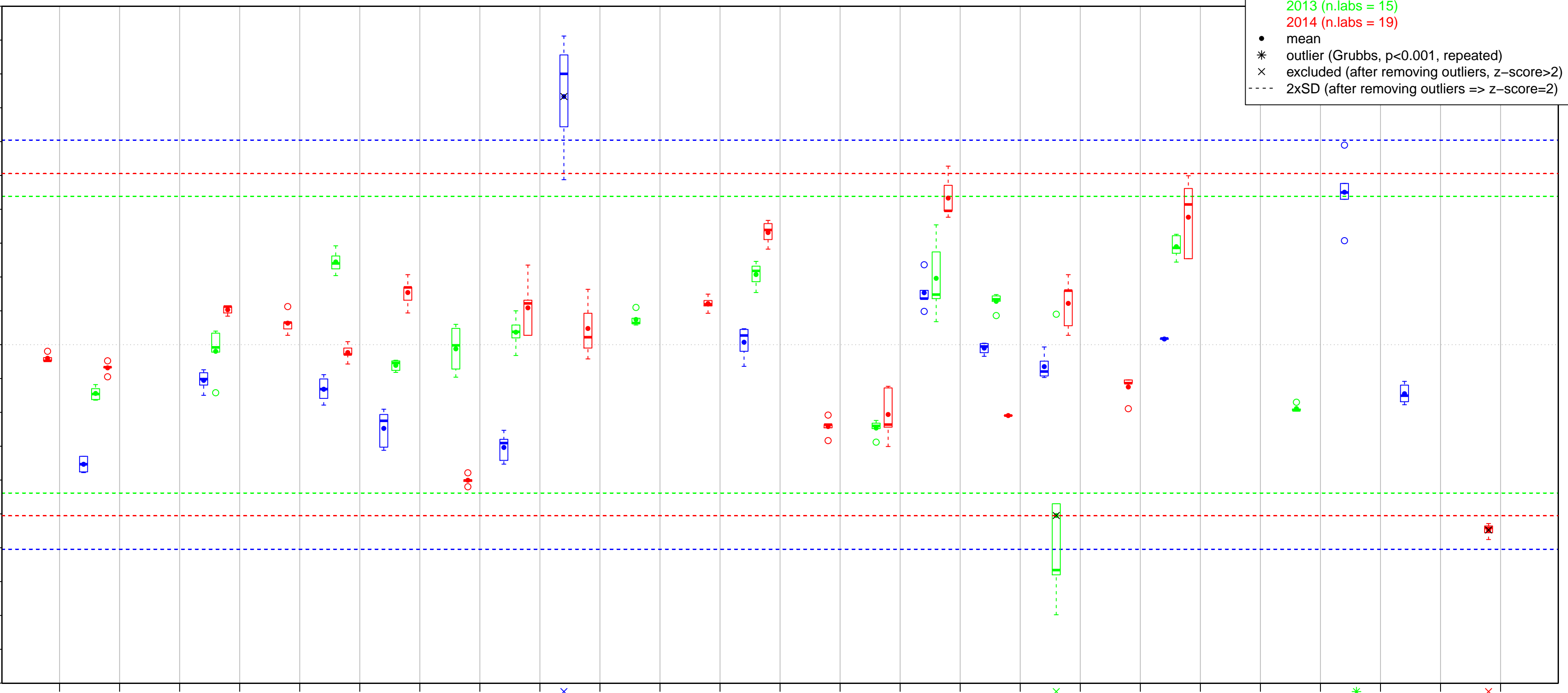
normalized concentrations (with mean of means per year after removing outliers)

2.0  
1.5  
1.0  
0.5  
0.0

- 2011 (n.labs = 0)
- 2012 (n.labs = 13)
- 2013 (n.labs = 15)
- 2014 (n.labs = 19)
- mean
- \* outlier (Grubbs,  $p < 0.001$ , repeated)
- × excluded (after removing outliers,  $z\text{-score} > 2$ )
- - - 2xSD (after removing outliers  $\Rightarrow z\text{-score} = 2$ )

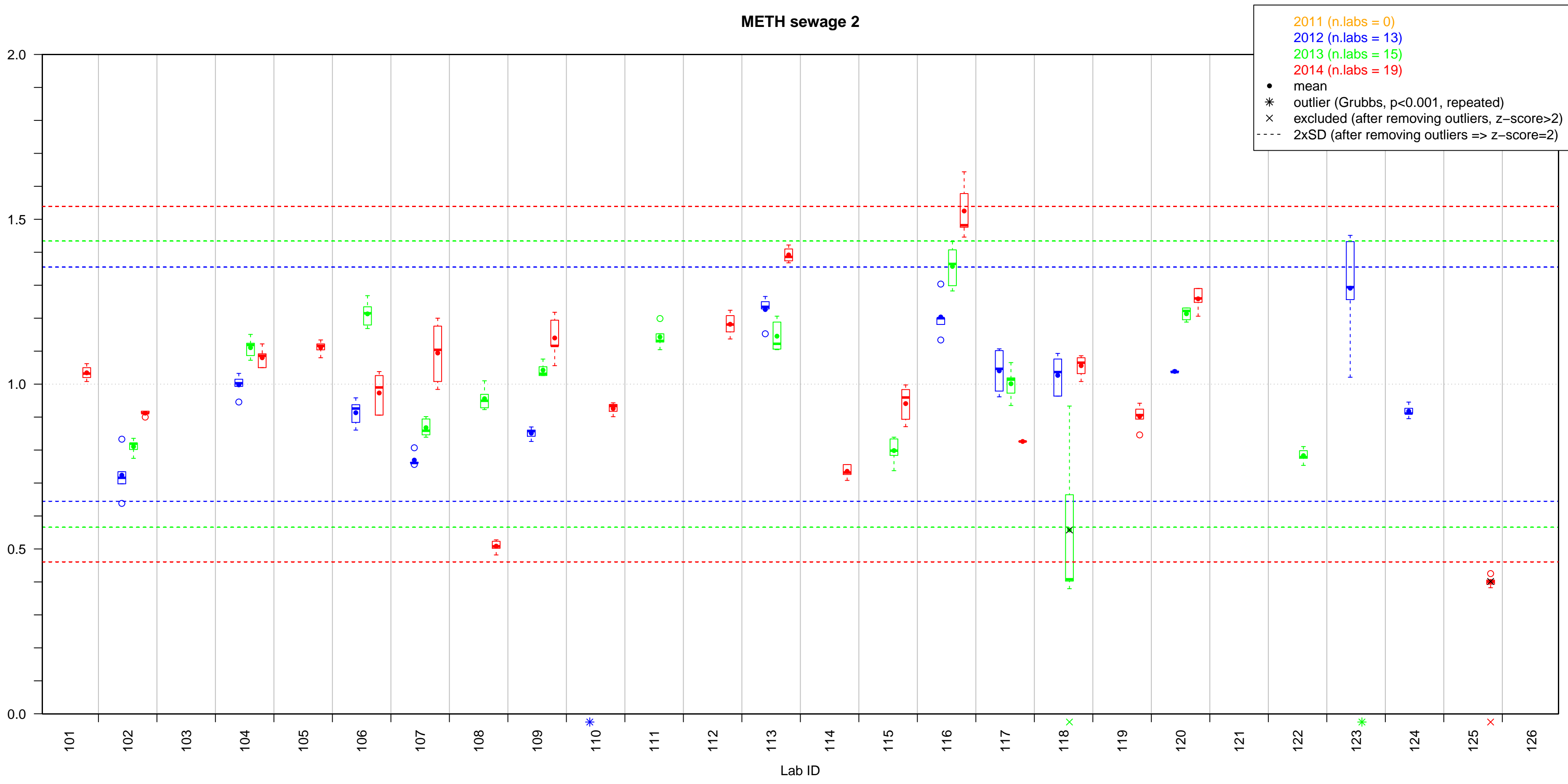
101 102 103 104 105 106 107 108 109 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126

Lab ID

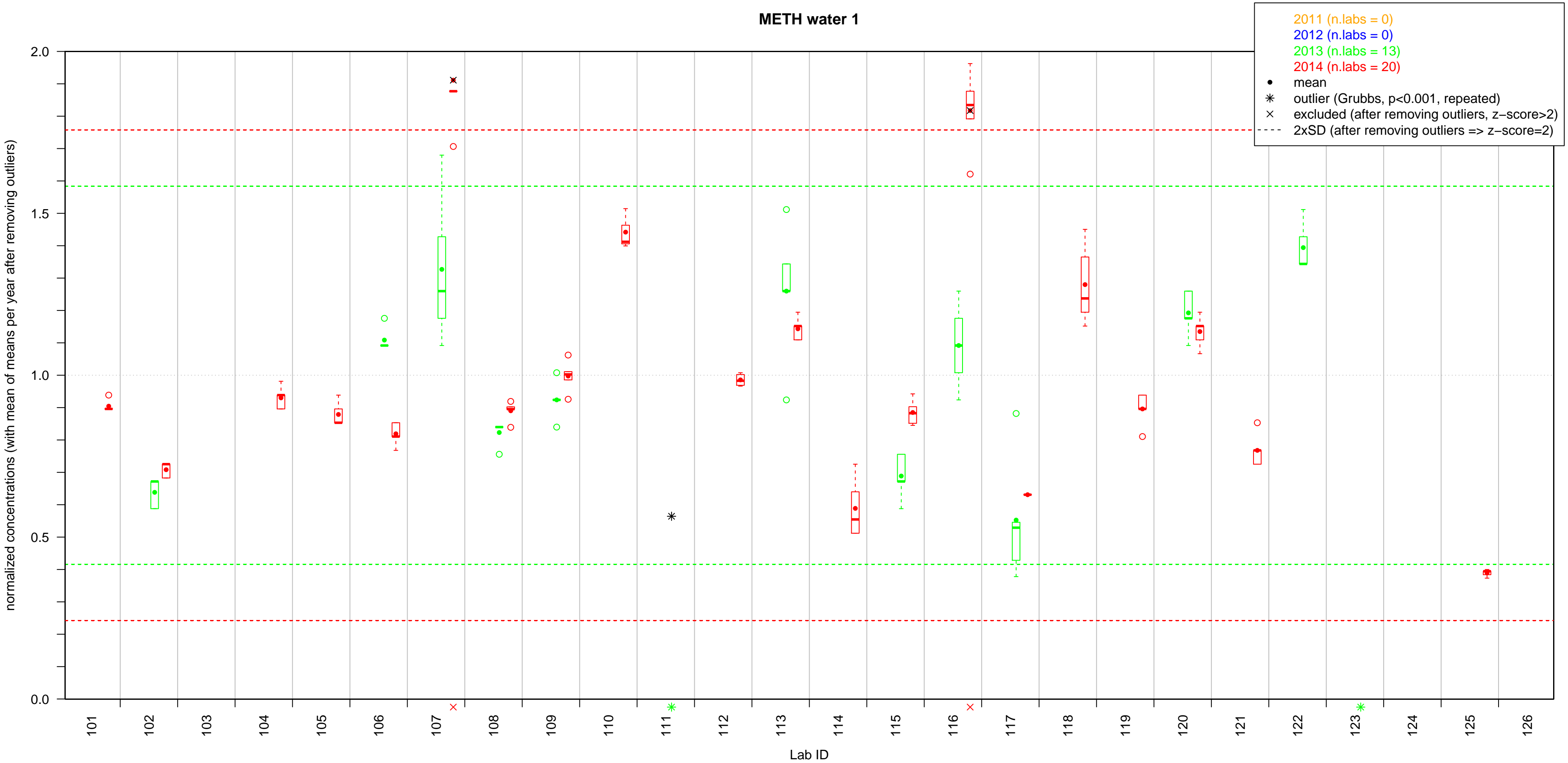


# METH sewage 2

normalized concentrations (with mean of means per year after removing outliers)



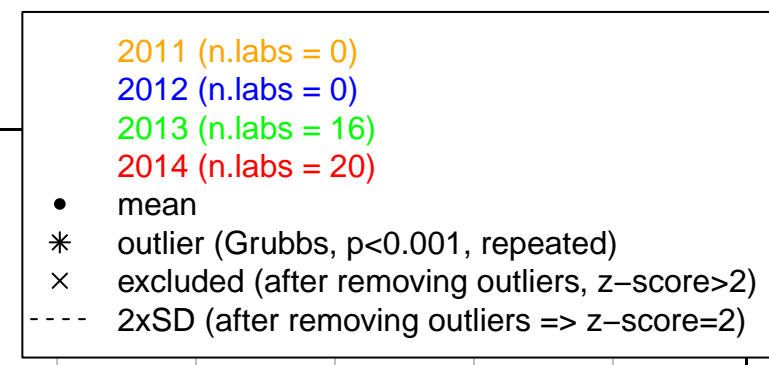
# METH water 1



# METH water 2

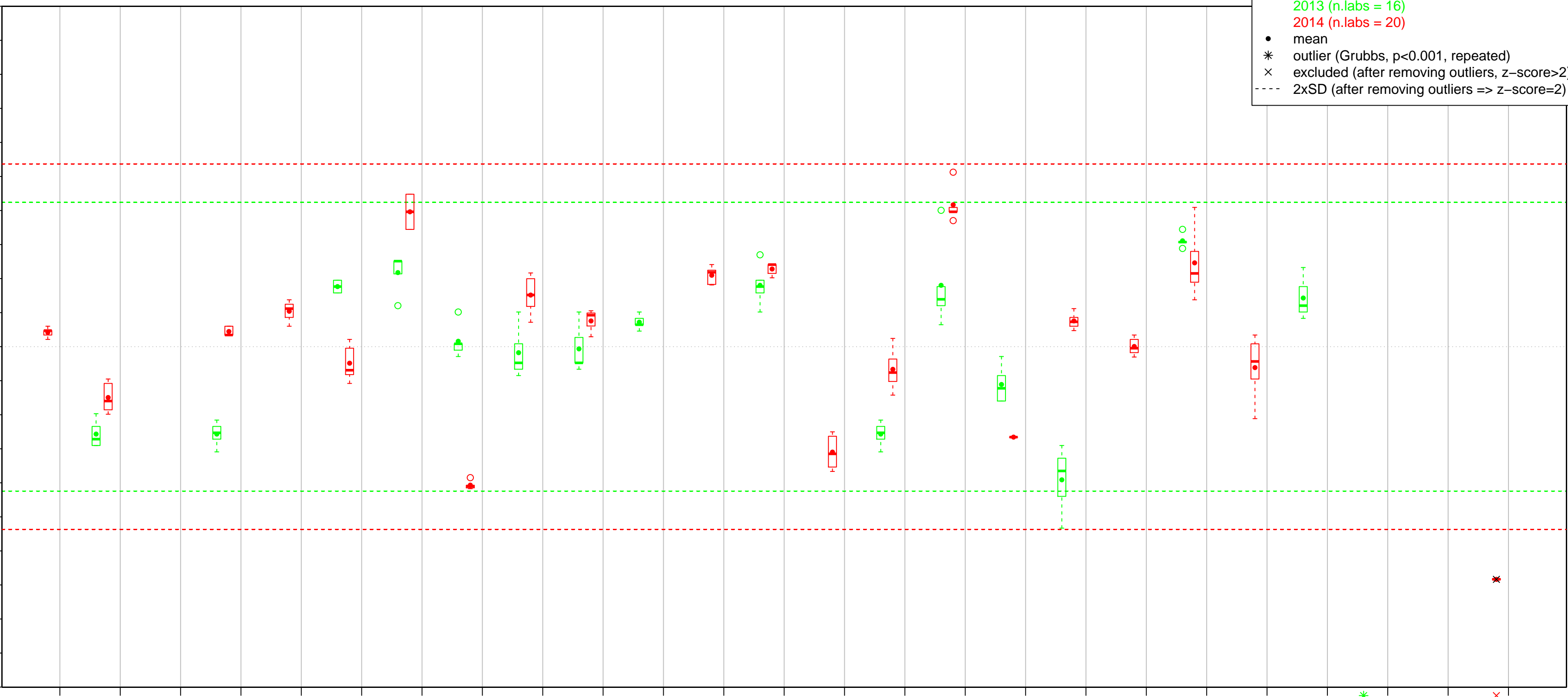
normalized concentrations (with mean of means per year after removing outliers)

2.0  
1.5  
1.0  
0.5  
0.0



101 102 103 104 105 106 107 108 109 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126

Lab ID



# THC MeOH 1

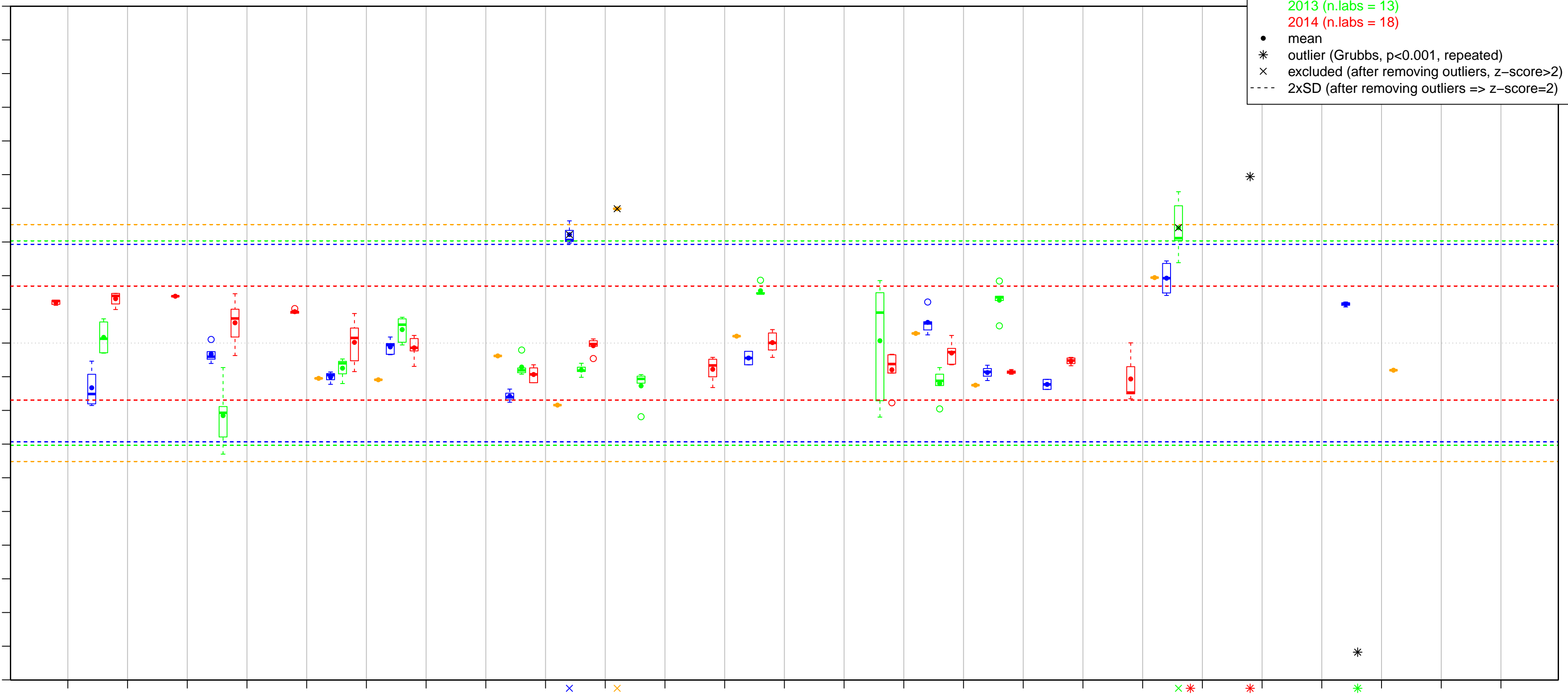
normalized concentrations (with mean of means per year after removing outliers)

2.0  
1.5  
1.0  
0.5  
0.0

- 2011 (n.labs = 10)
- 2012 (n.labs = 12)
- 2013 (n.labs = 13)
- 2014 (n.labs = 18)
- mean
- \* outlier (Grubbs,  $p < 0.001$ , repeated)
- × excluded (after removing outliers,  $z\text{-score} > 2$ )
- - - 2xSD (after removing outliers  $\Rightarrow z\text{-score} = 2$ )

101 102 103 104 105 106 107 108 109 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126

Lab ID







# THC sewage 1

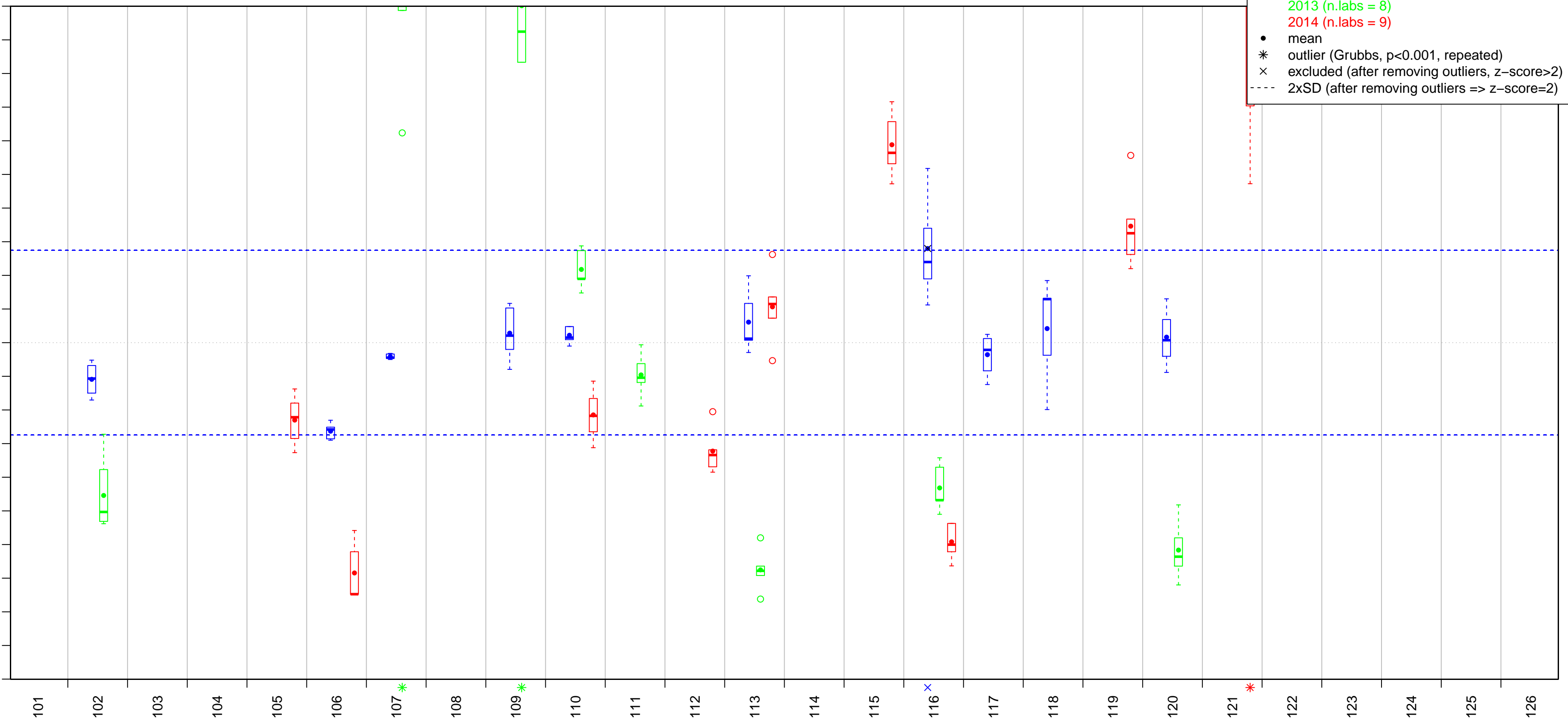
normalized concentrations (with mean of means per year after removing outliers)

2.0  
1.5  
1.0  
0.5  
0.0

- 2011 (n.labs = 0)
- 2012 (n.labs = 10)
- 2013 (n.labs = 8)
- 2014 (n.labs = 9)
- mean
- \* outlier (Grubbs,  $p < 0.001$ , repeated)
- × excluded (after removing outliers,  $z\text{-score} > 2$ )
- - - 2xSD (after removing outliers  $\Rightarrow z\text{-score} = 2$ )

101 102 103 104 105 106 107 108 109 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126

Lab ID



# THC sewage 2

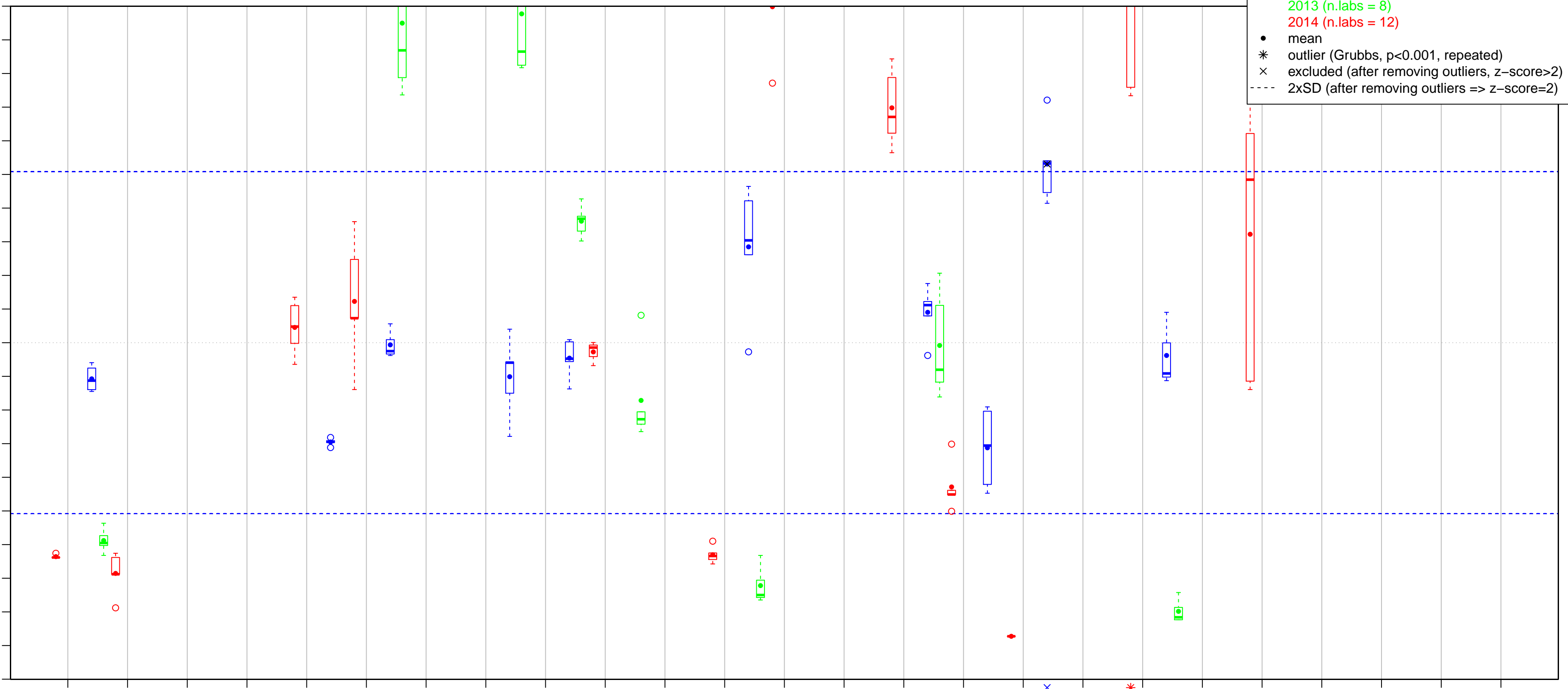
normalized concentrations (with mean of means per year after removing outliers)

2.0  
1.5  
1.0  
0.5  
0.0

- 2011 (n.labs = 0)
- 2012 (n.labs = 10)
- 2013 (n.labs = 8)
- 2014 (n.labs = 12)
- mean
- \* outlier (Grubbs,  $p < 0.001$ , repeated)
- × excluded (after removing outliers,  $z\text{-score} > 2$ )
- - - 2xSD (after removing outliers  $\Rightarrow z\text{-score} = 2$ )

101 102 103 104 105 106 107 108 109 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126

Lab ID



# THC water 1

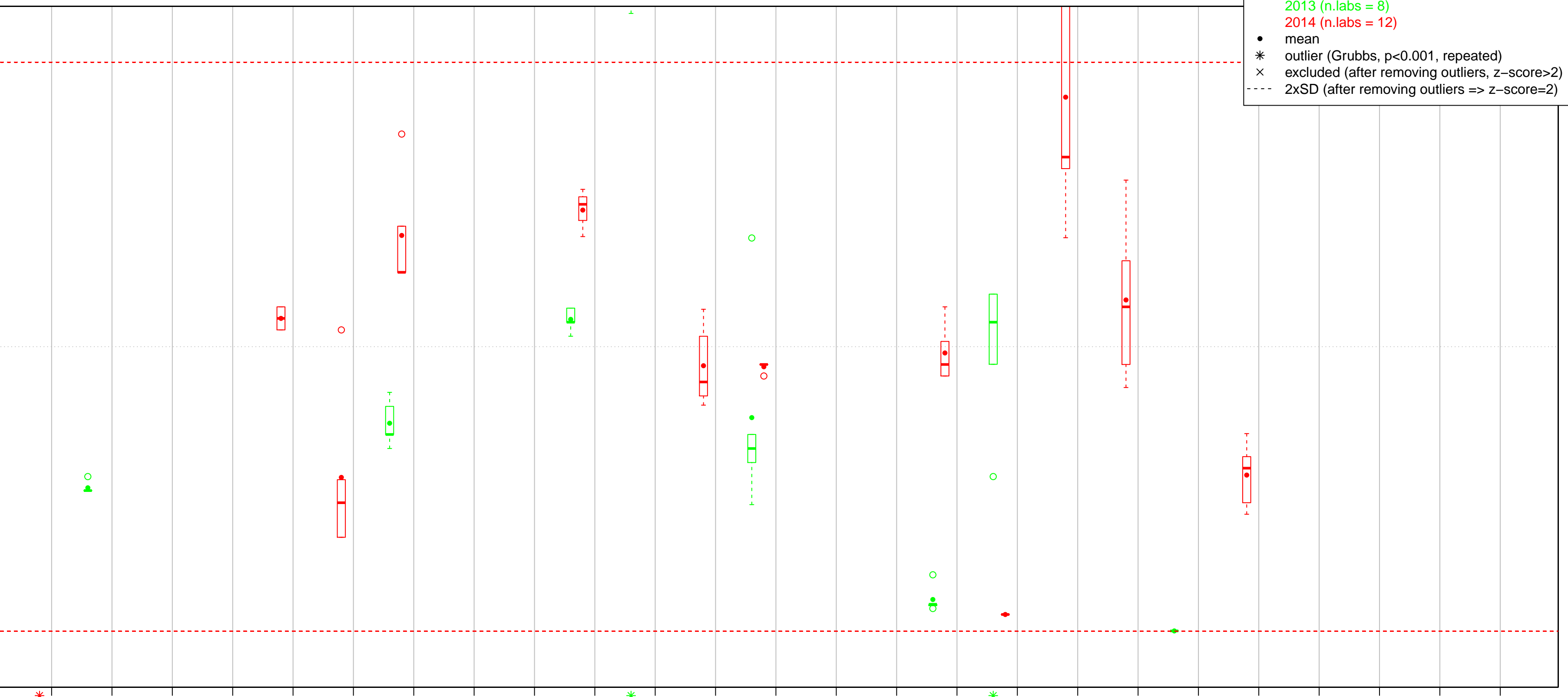
normalized concentrations (with mean of means per year after removing outliers)

2.0  
1.5  
1.0  
0.5  
0.0

- 2011 (n.labs = 0)
- 2012 (n.labs = 0)
- 2013 (n.labs = 8)
- 2014 (n.labs = 12)
- mean
- \* outlier (Grubbs,  $p < 0.001$ , repeated)
- × excluded (after removing outliers,  $z\text{-score} > 2$ )
- - - 2xSD (after removing outliers  $\Rightarrow z\text{-score} = 2$ )

101 102 103 104 105 106 107 108 109 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126

Lab ID



# THC water 2

normalized concentrations (with mean of means per year after removing outliers)

