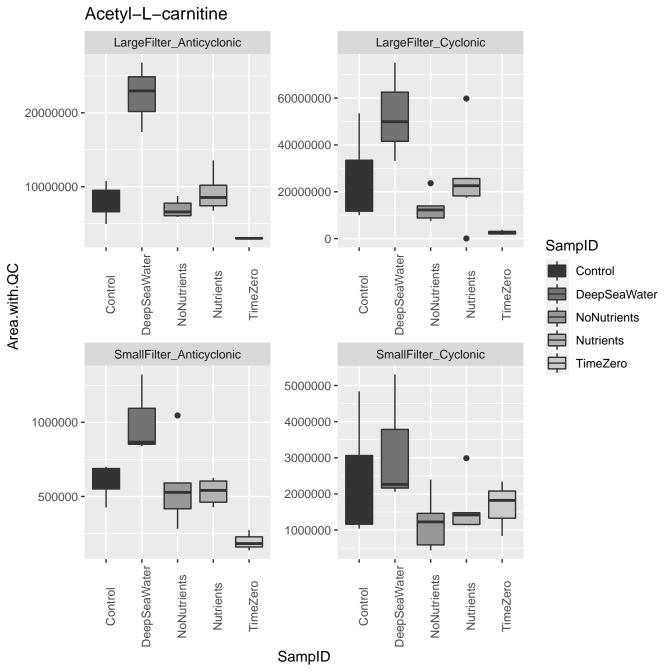
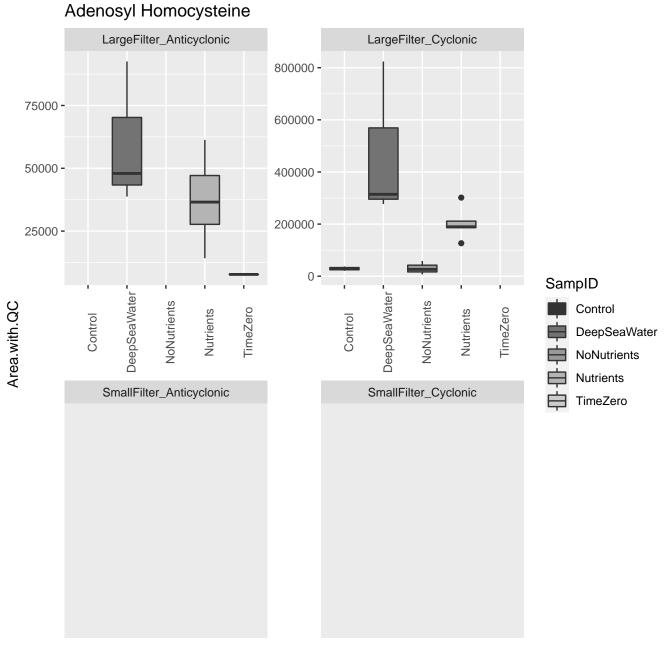
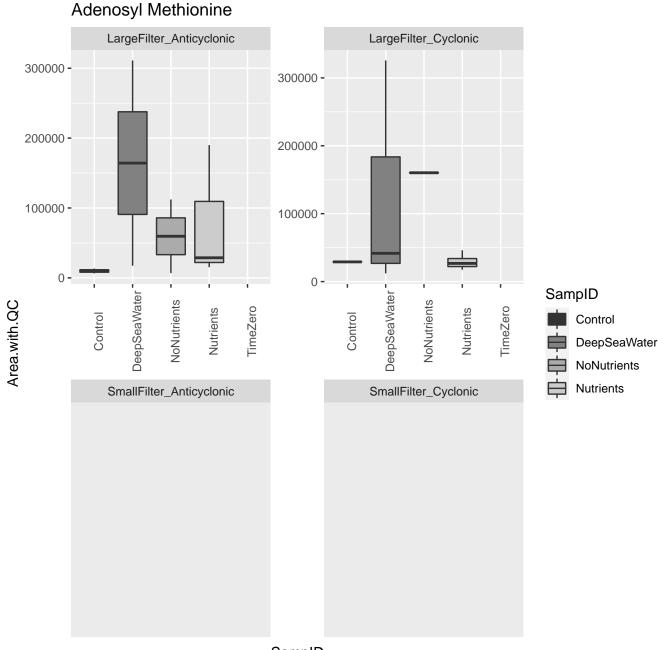
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SampID

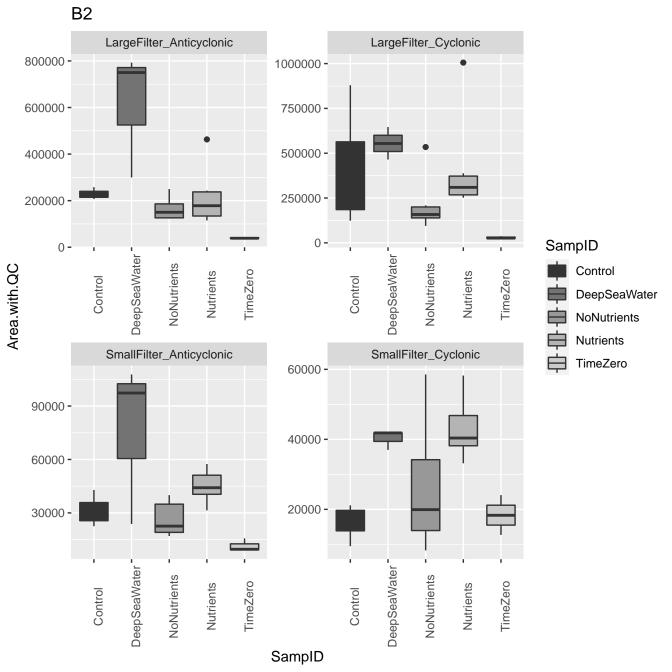


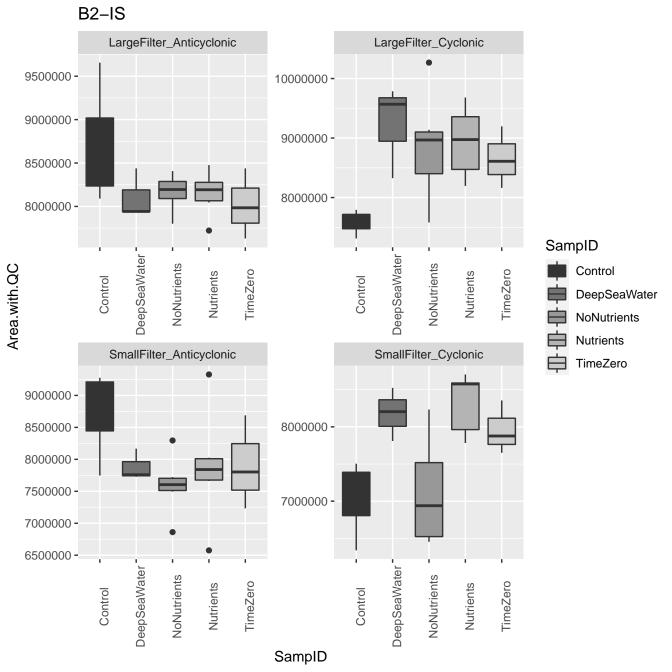
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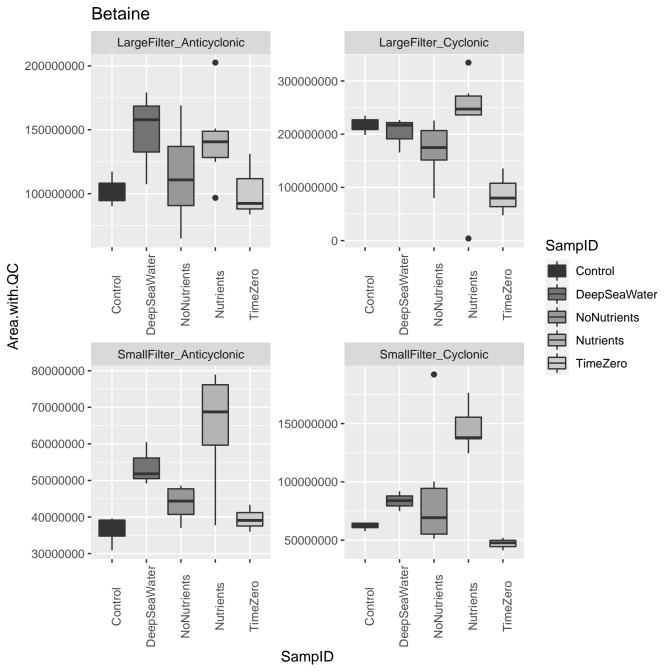
Ado-B12 LargeFilter\_Anticyclonic LargeFilter\_Cyclonic 5000 -20000 -4000 -3000 -10000 -2000 -SampID **DeepSeaWater DeepSeaWater** NoNutrients NoNutrients Area.with.QC Nutrients TimeZero Nutrients TimeZero Control Control DeepSeaWater **NoNutrients Nutrients** SmallFilter\_Anticyclonic SmallFilter\_Cyclonic 3877.1 -2400 -3877.0 -2100 -3877.0 -1800 -3877.0 -3877.0 -DeepSeaWater -DeepSeaWater ' NoNutrients NoNutrients TimeZero TimeZero Nutrients Nutrients Control

Ado-pB12 LargeFilter\_Anticyclonic LargeFilter\_Cyclonic 3000 -3500 -3000 -2500 -2500 -2000 -2000 -1500 -SampID **DeepSeaWater DeepSeaWater** Area.with.QC **NoNutrients** NoNutrients Control Nutrients TimeZero TimeZero Nutrients Control Control DeepSeaWater **NoNutrients Nutrients** SmallFilter\_Anticyclonic SmallFilter\_Cyclonic TimeZero 2300 -4000 -3500 -2100 -3000 -1900 -2500 -1700 -2000 -1500 -1500 -DeepSeaWater -DeepSeaWater -NoNutrients NoNutrients TimeZero TimeZero Nutrients Nutrients Control Control

## Aminobenzoic Acid LargeFilter\_Anticyclonic LargeFilter\_Cyclonic 400000 -600000 -500000 -300000 -400000 -300000 -200000 -200000 -SampID **DeepSeaWater DeepSeaWater** NoNutrients Area.with.QC NoNutrients Control Nutrients TimeZero TimeZero Nutrients Control Control DeepSeaWater **NoNutrients Nutrients** SmallFilter\_Anticyclonic SmallFilter\_Cyclonic TimeZero 200000 -200000 -175000 -180000 -150000 -160000 -140000 -125000 -120000 -DeepSeaWater -DeepSeaWater -NoNutrients NoNutrients TimeZero TimeZero Nutrients Nutrients Control Control SampID







Butyryl-L-carnitine LargeFilter\_Anticyclonic LargeFilter\_Cyclonic 3000000 -1500000 -2000000 -1000000 -1000000 -500000 0 -SampID **DeepSeaWater DeepSeaWater** NoNutrients Area.with.QC NoNutrients Control Nutrients TimeZero Nutrients TimeZero Control Control DeepSeaWater **NoNutrients** Nutrients SmallFilter\_Anticyclonic SmallFilter\_Cyclonic TimeZero 600000 -200000 -400000 -100000 -200000 -0 -0 -**DeepSeaWater DeepSeaWater** NoNutrients NoNutrients TimeZero TimeZero Nutrients Nutrients Control Control SampID

C4-HSL LargeFilter\_Anticyclonic LargeFilter\_Cyclonic 25000 -25000 -20000 -20000 -15000 -15000 -10000 -10000 -SampID 5000 -DeepSeaWater <sup>\*</sup> **DeepSeaWater** Area.with.QC NoNutrients NoNutrients Control TimeZero Nutrients TimeZero Nutrients Control Control DeepSeaWater **NoNutrients Nutrients** SmallFilter\_Anticyclonic SmallFilter\_Cyclonic TimeZero 60000 -40000 -50000 -30000 -40000 20000 -30000 -

20000 -

SampID

TimeZero

DeepSeaWater -

NoNutrients

TimeZero

Nutrients

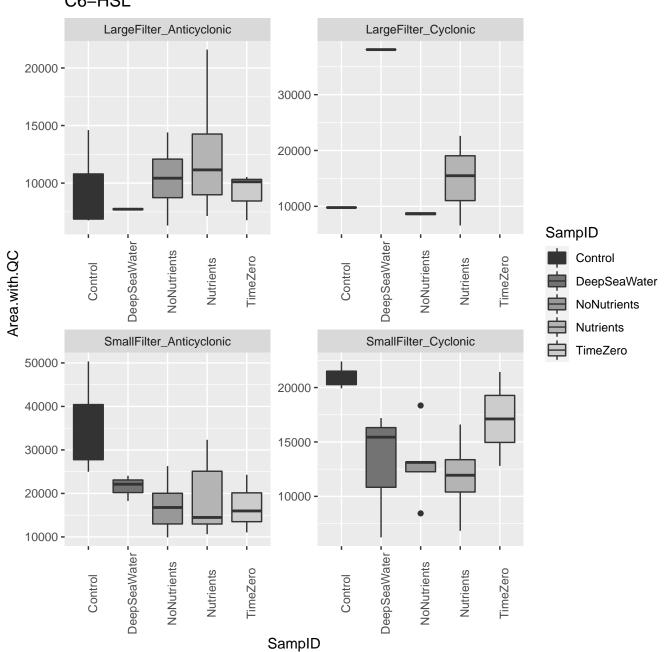
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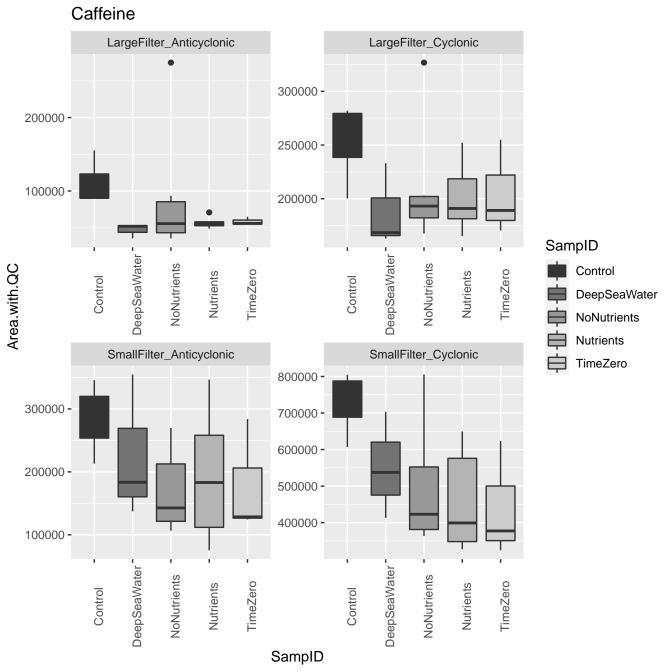
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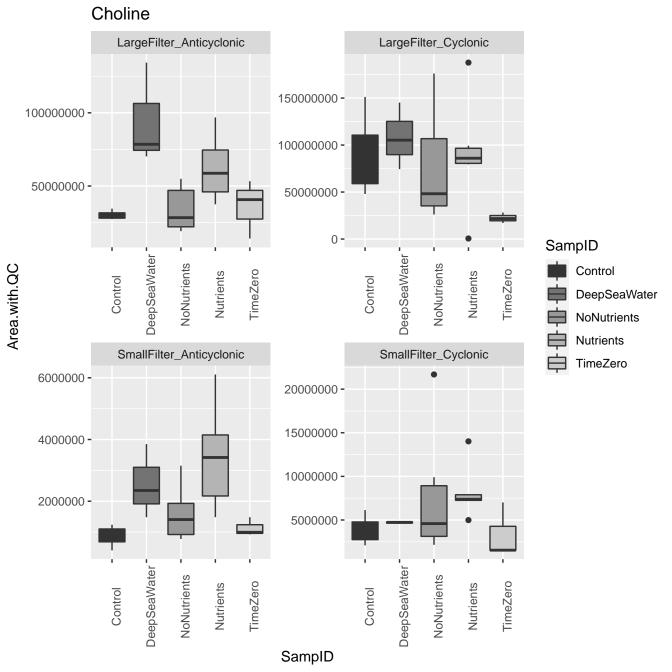
NoNutrients

Nutrients

C6-HSL





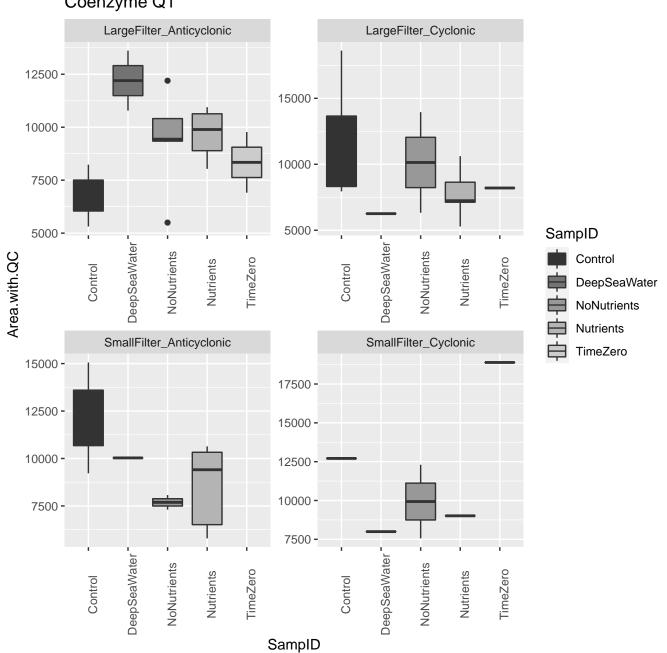


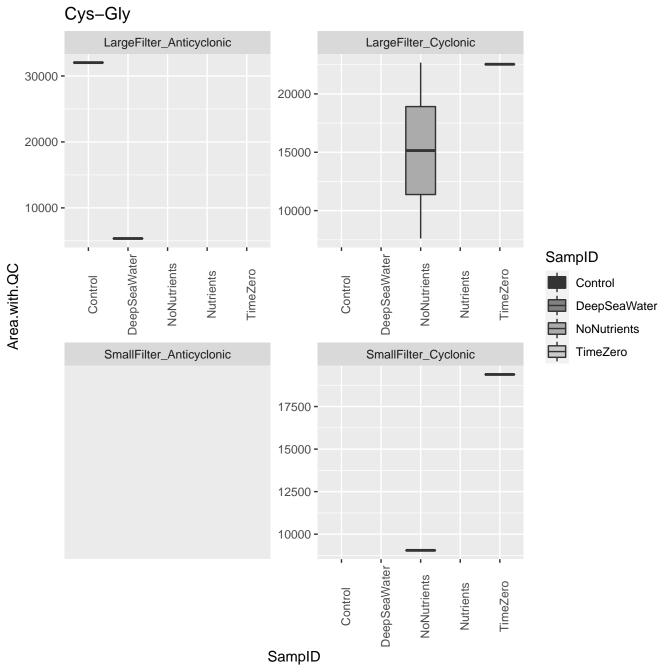
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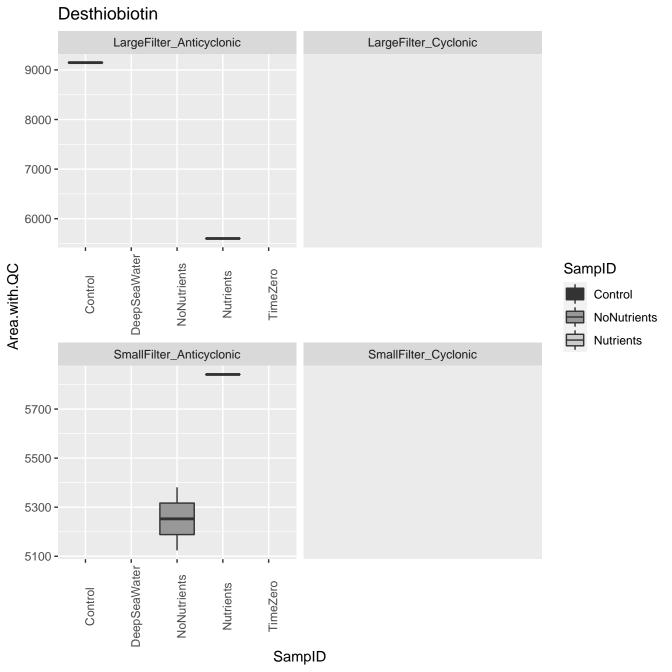
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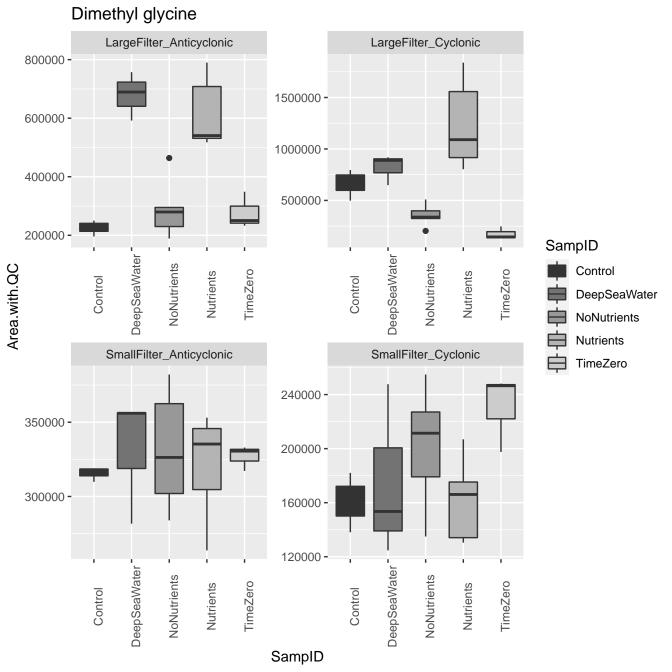
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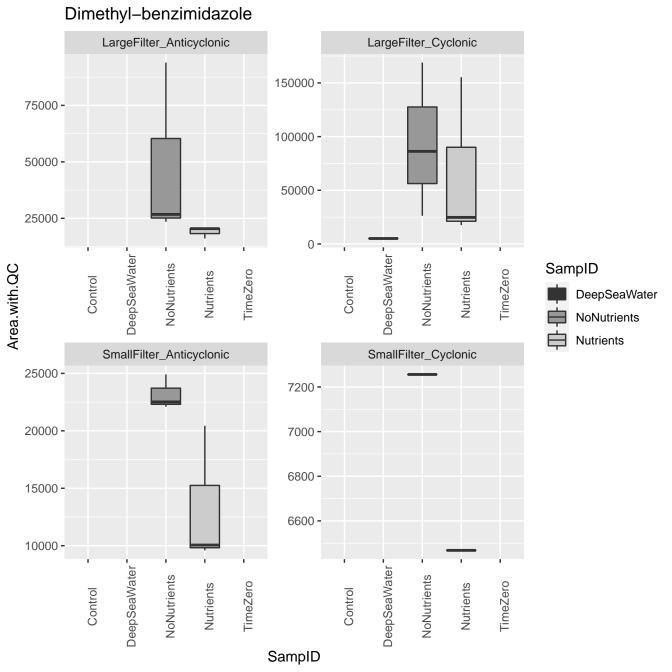
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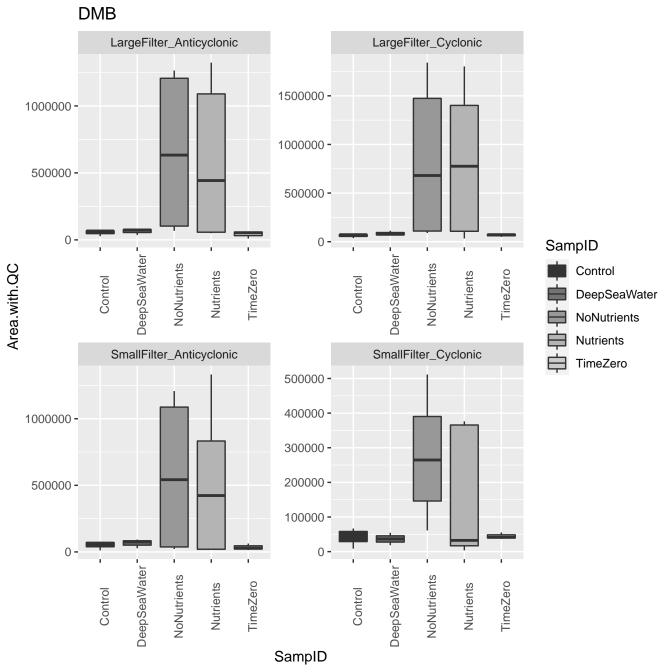












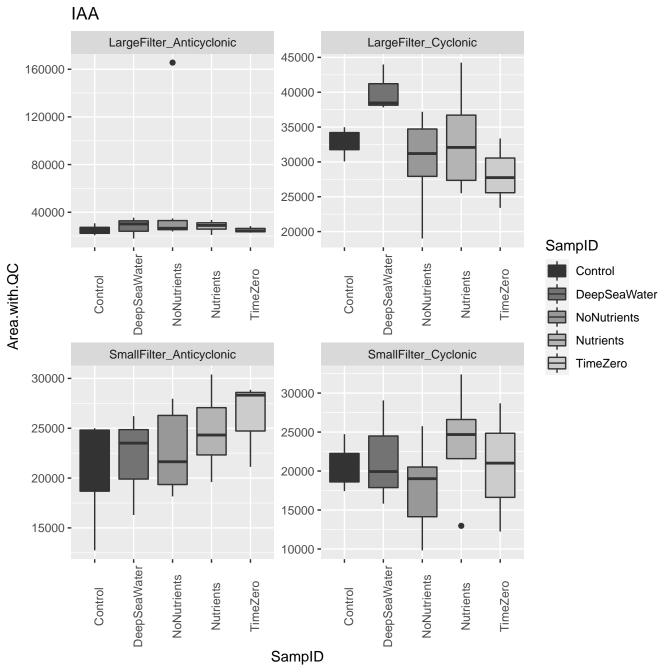
Ferulic Acid LargeFilter\_Anticyclonic LargeFilter\_Cyclonic 150000 -100000 -75000 -100000 -50000 -50000 -25000 -SampID 0 -**DeepSeaWater DeepSeaWater** Area.with.QC NoNutrients NoNutrients Control Nutrients TimeZero Nutrients TimeZero Control Control DeepSeaWater **NoNutrients Nutrients** SmallFilter\_Cyclonic SmallFilter\_Anticyclonic TimeZero 13000 -11000 -10000 -9000 -8000 -7000 -6000 -5000 -DeepSeaWater -DeepSeaWater -NoNutrients NoNutrients TimeZero TimeZero Nutrients Nutrients Control Control SampID

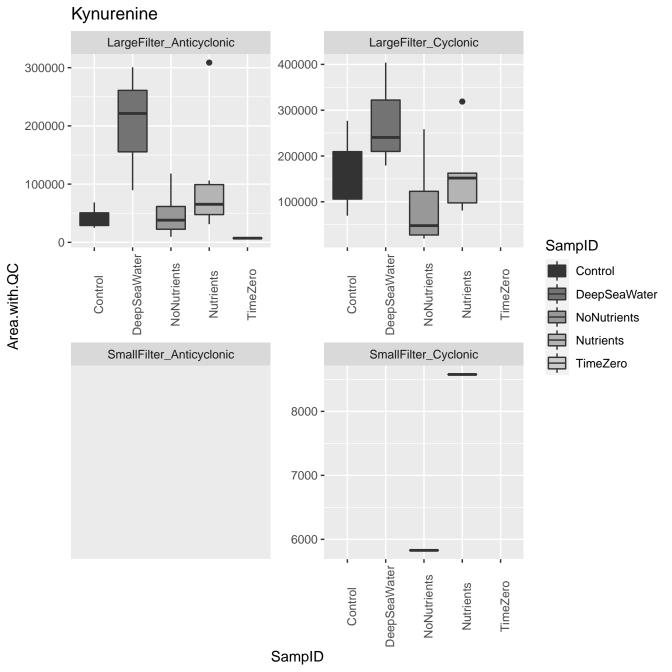
## Glutathione LargeFilter\_Cyclonic LargeFilter\_Anticyclonic 80000 -100000 -60000 -40000 -50000 -20000 -SampID 0 -**DeepSeaWater DeepSeaWater** NoNutrients NoNutrients Area.with.QC Control TimeZero TimeZero Nutrients Control Nutrients Control DeepSeaWater **NoNutrients Nutrients** SmallFilter\_Anticyclonic SmallFilter\_Cyclonic TimeZero

SampID

Hydroxo B12 LargeFilter\_Anticyclonic LargeFilter\_Cyclonic 36000 -30000 -33000 -30000 -20000 -27000 -10000 -24000 -**DeepSeaWater DeepSeaWater** NoNutrients NoNutrients Area.with.QC Nutrients TimeZero TimeZero Nutrients Control SampID NoNutrients SmallFilter\_Anticyclonic SmallFilter\_Cyclonic 11600 -25000 -11200 -20000 -10800 -15000 -10400 -10000 -DeepSeaWater -NoNutrients TimeZero Nutrients

DeepSeaWater NoNutrients TimeZero Nutrients Control SampID





Me-B12 LargeFilter\_Anticyclonic LargeFilter\_Cyclonic 3200 -6000 -2800 -5000 -4000 -2400 -3000 -2000 -2000 -1600 -SampID **DeepSeaWater DeepSeaWater** NoNutrients NoNutrients Area.with.QC Control TimeZero TimeZero Nutrients Nutrients Control Control DeepSeaWater **NoNutrients Nutrients** SmallFilter\_Anticyclonic SmallFilter\_Cyclonic TimeZero 3500 -6000 -3000 -4000 -2500 **-**2000 -2000 -DeepSeaWater -DeepSeaWater**⁻** 

SampID

Control

TimeZero

NoNutrients

TimeZero

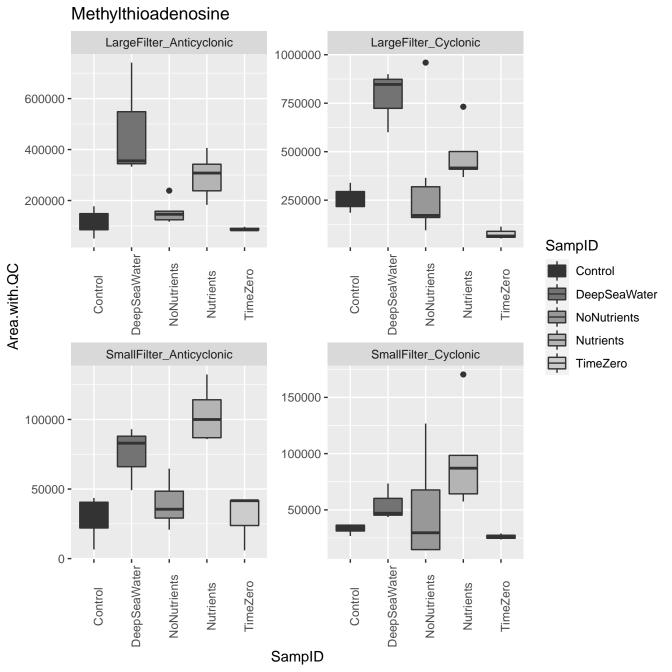
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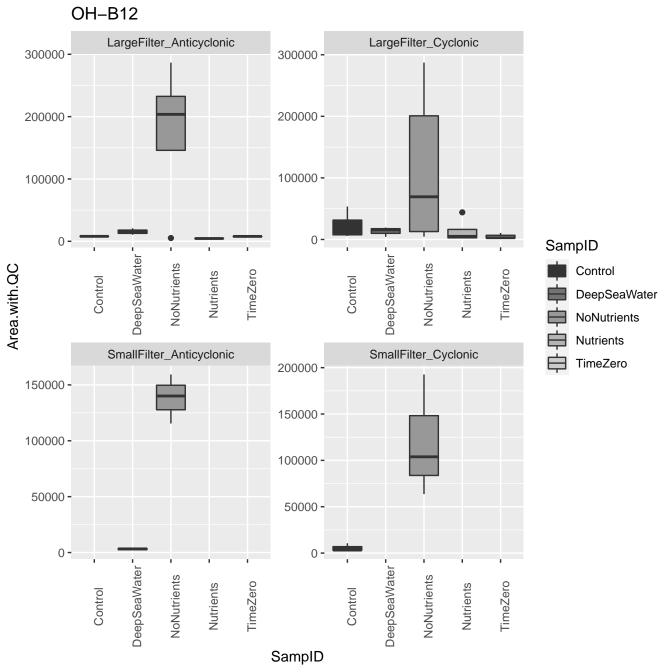
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Control

Nutrients

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OH-pB12 LargeFilter\_Anticyclonic LargeFilter\_Cyclonic 10000 -5000 -7500 -4000 -5000 -3000 -2000 -2500 SampID **DeepSeaWater DeepSeaWater** Area.with.QC NoNutrients NoNutrients Control Nutrients TimeZero Nutrients TimeZero Control Control DeepSeaWater **NoNutrients Nutrients** SmallFilter\_Anticyclonic SmallFilter\_Cyclonic TimeZero 3500 -6000 -3000 -2500 -4000 -2000 -2000 -1500 -DeepSeaWater -DeepSeaWater -NoNutrients NoNutrients

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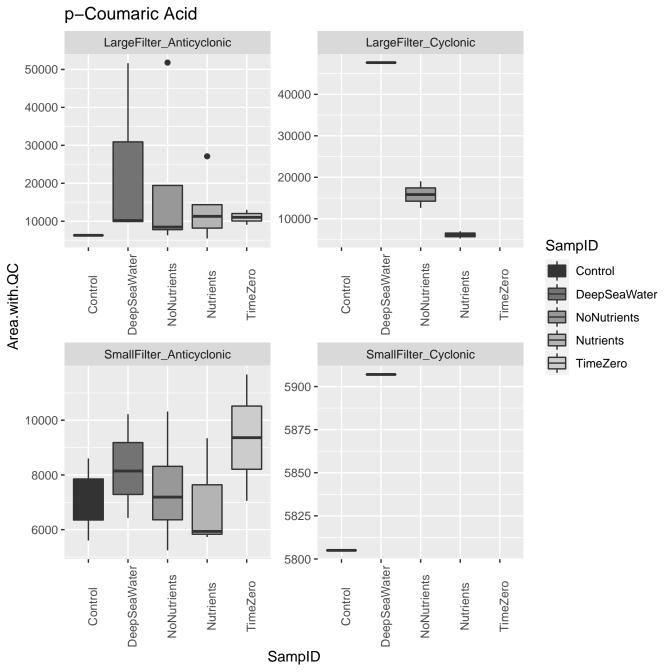
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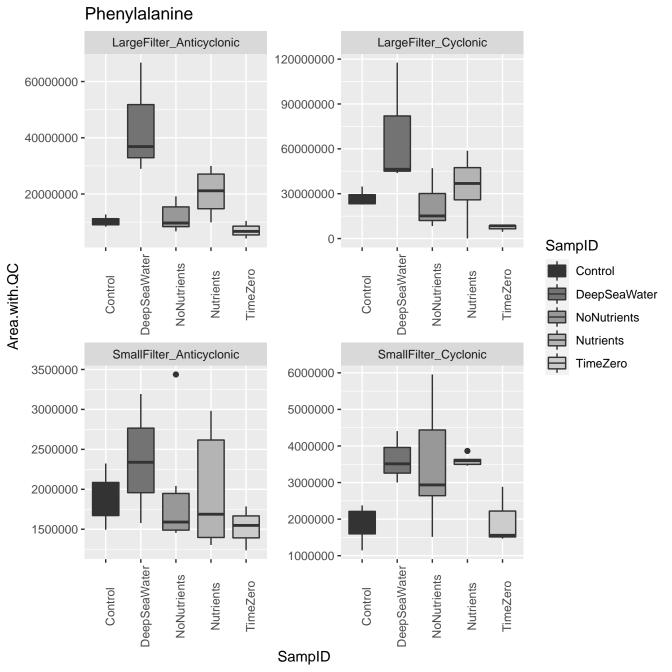
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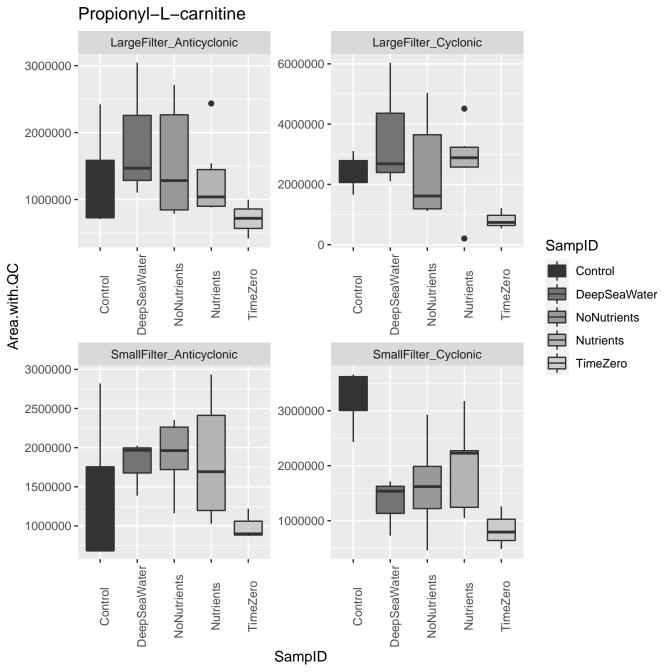
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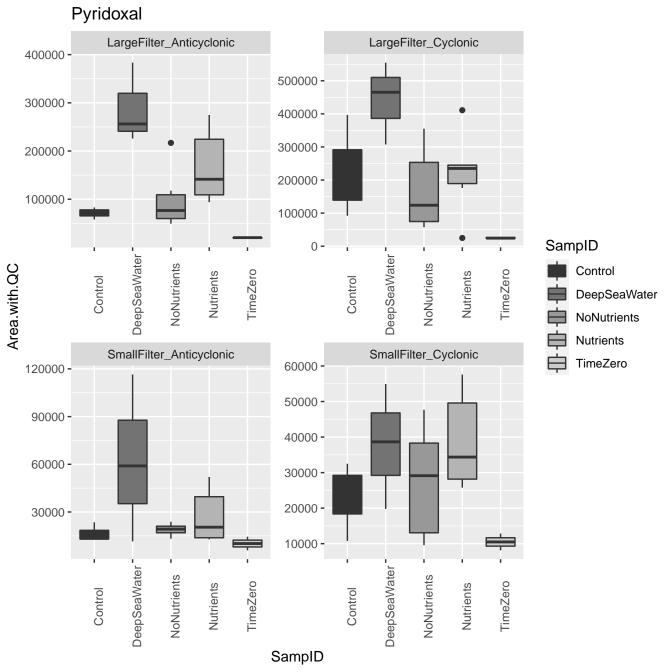
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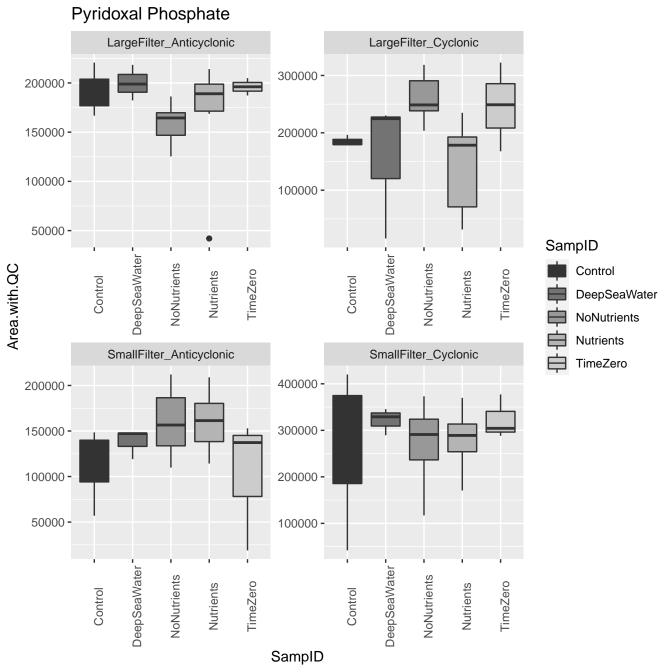
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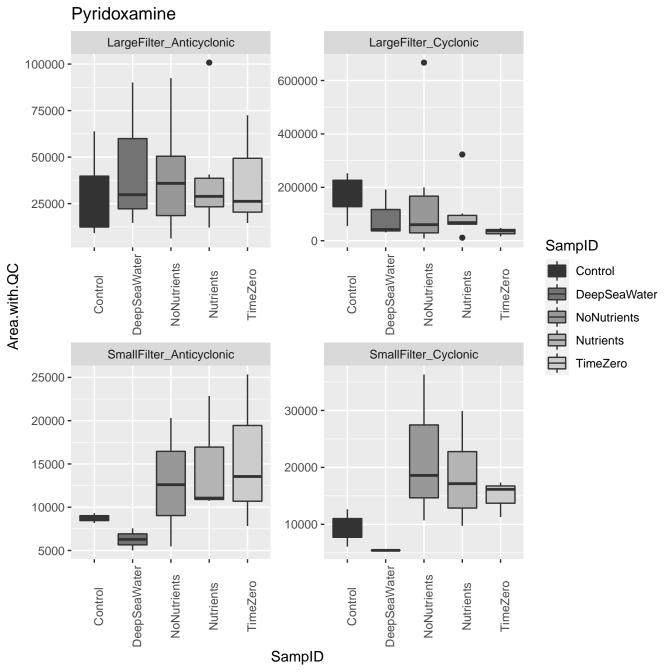


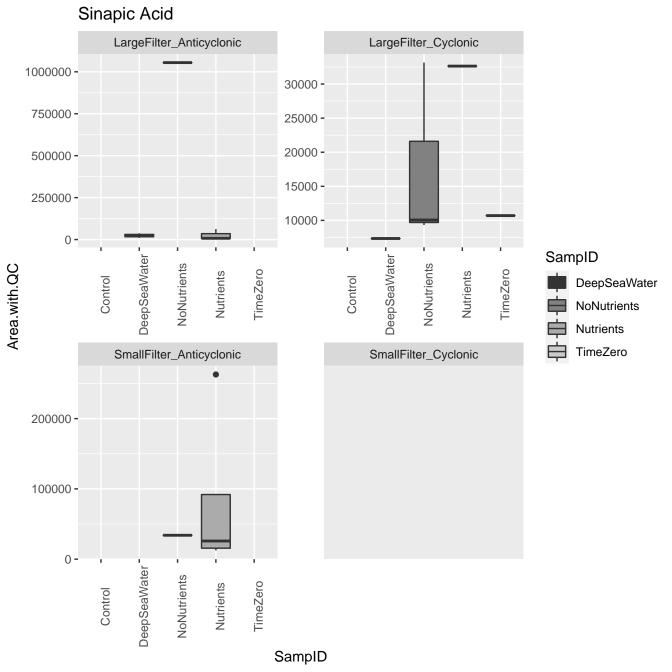


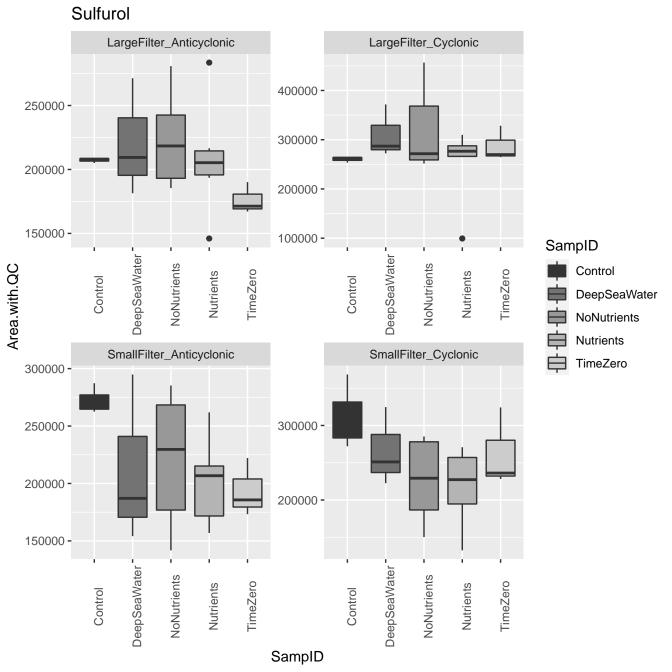


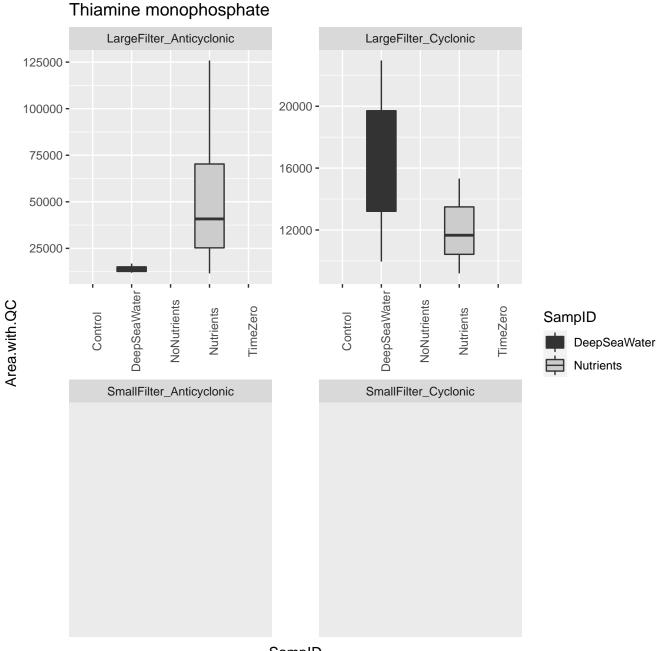




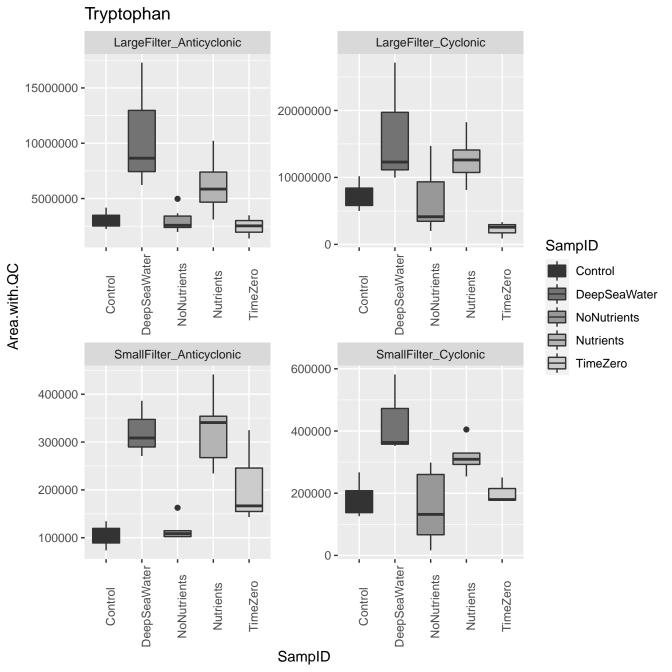






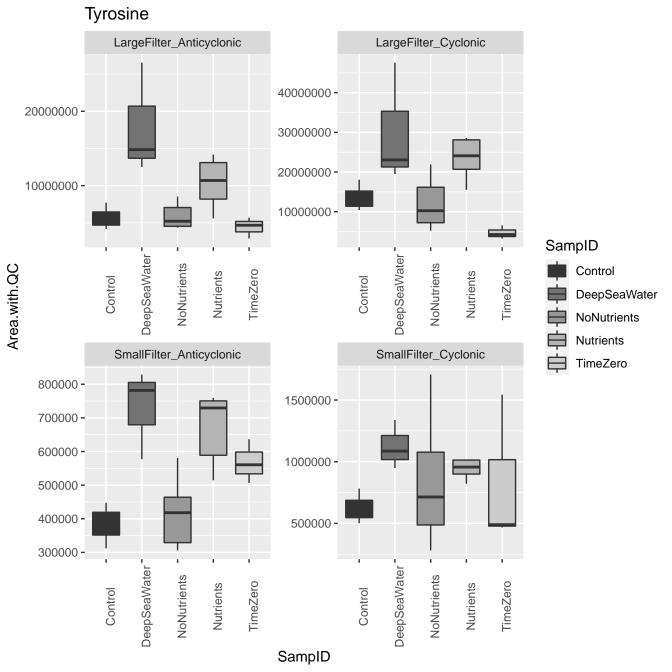


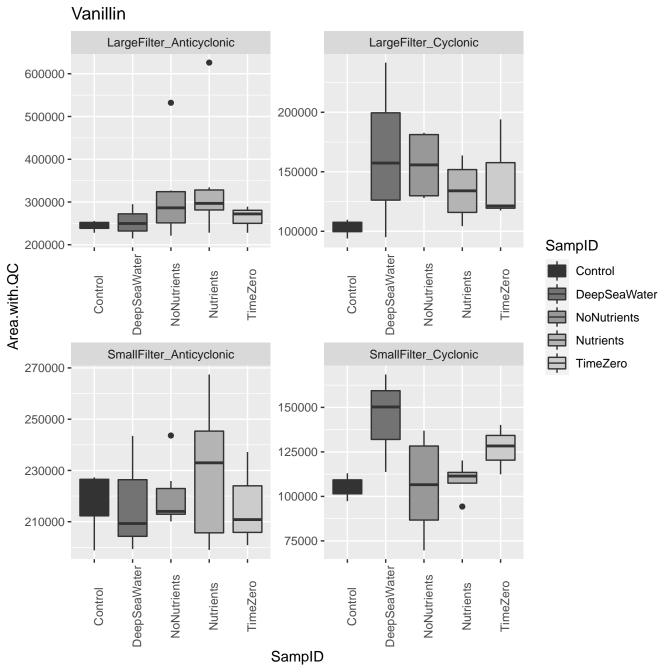
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**Tryptophol** LargeFilter\_Anticyclonic LargeFilter\_Cyclonic 15000 -30000 -12500 -10000 -20000 -7500 -10000 -5000 -SampID **DeepSeaWater DeepSeaWater** NoNutrients Area.with.QC NoNutrients Control TimeZero Nutrients TimeZero Nutrients Control Control DeepSeaWater **NoNutrients Nutrients** SmallFilter\_Anticyclonic SmallFilter\_Cyclonic TimeZero 30000 -16000 -25000 -12000 -20000 -8000 -15000 -DeepSeaWater -DeepSeaWater -NoNutrients NoNutrients Nutrients TimeZero TimeZero Nutrients Control Control

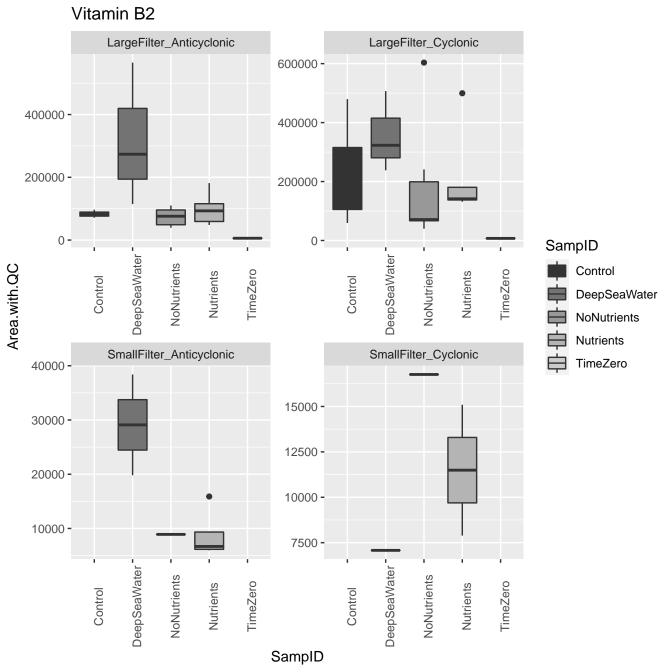
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Vitamin B1 LargeFilter\_Cyclonic LargeFilter\_Anticyclonic 16000 -300000 -200000 -15000 -100000 -14000 -0 -**DeepSeaWater DeepSeaWater** SampID NoNutrients NoNutrients Area.with.QC TimeZero TimeZero Nutrients Control Nutrients Control DeepSeaWater **NoNutrients** Nutrients SmallFilter\_Anticyclonic SmallFilter\_Cyclonic

SampID



Vitamin B3 LargeFilter\_Anticyclonic LargeFilter\_Cyclonic 60000000 -50000000 -40000000 -40000000 -20000000 -30000000 -0 -SampID **DeepSeaWater DeepSeaWater** Area.with.QC NoNutrients NoNutrients Control Nutrients TimeZero Nutrients TimeZero Control Control DeepSeaWater **NoNutrients Nutrients** SmallFilter\_Anticyclonic SmallFilter\_Cyclonic TimeZero 29000000 -34000000 -28000000 -32000000 -27000000 -30000000 -26000000 -28000000 -DeepSeaWater -DeepSeaWater <sup>-</sup> NoNutrients NoNutrients TimeZero TimeZero Nutrients Nutrients Control SampID

