Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090424\
Data File : BG062650.D
Acq On : 4 Sep 2024 19:43
Operator : MA/JU
Sample : P2403-07
Misc : LOD-MDL-WATER-8 ng
ALS Vial : 16 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
LOD-MDL-WATER-01-QT2-2024

Quant Time: Sep 05 04:52:08 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG083024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 31 02:36:01 2024
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.923 | 152 | 52878 | 20.000 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.714 | 136 | 220570 | 20.000 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 14.545 | 164 | 176961 | 20.000 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 17.289 | 188 | 498391 | 20.000 | ng | | 0.00 |
| 76) Chrysene-d12 | 21.531 | 240 | 559495 | 20.000 | ng | | 0.00 |
| 86) Perylene-d12 | 24.598 | 264 | 623663 | 20.000 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.503 | 112 | 387979 | 126.827 | ng | | 0.00 |
| 7) Phenol-d6 | 7.089 | 99 | 540406 | 122.282 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 9.075 | 82 | 378903 | 92.516 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 16.031 | 330 | 356404 | 143.111 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 13.170 | 172 | 978358 | 89.553 | ng | | 0.00 |
| 79) Terphenyl-d14 | 19.909 | 244 | 2132433 | 75.573 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.411 | 88 | 11616 | 9.115 | ng | | 99 |
| 3) Pyridine | 3.805 | 79 | 29396 | 8.006 | ng | | 98 |
| 4) n-Nitrosodimethylamine | 3.716 | 42 | 14938 | 8.368 | ng | # | 99 |
| 6) Aniline | 7.248 | 93 | 39414 | 9.546 | ng | | 92 |
| 8) 2-Chlorophenol | 7.483 | 128 | 26527 | 8.077 | ng | | 91 |
| 9) Benzaldehyde | 7.060 | 77 | 27441 | 10.675 | ng | | 97 |
| 10) Phenol | 7.112 | 94 | 36333 | 8.121 | ng | | 95 |
| 11) bis(2-Chloroethyl)ether | 7.347 | 93 | 28941 | 8.449 | ng | | 94 |
| 12) 1,3-Dichlorobenzene | 7.812 | 146 | 29227 | 8.109 | ng | | 98 |
| 13) 1,4-Dichlorobenzene | 7.959 | 146 | 29592 | 7.978 | ng | | 98 |
| 14) 1,2-Dichlorobenzene | 8.276 | 146 | 28937 | 7.937 | ng | | 91 |
| 15) Benzyl Alcohol | 8.152 | 79 | 24483 | 7.487 | ng | | 97 |
| 16) 2,2'-oxybis(1-Chloropr... | 8.440 | 45 | 50872 | 7.793 | ng | | 96 |
| 17) 2-Methylphenol | 8.358 | 107 | 22449 | 7.198 | ng | | 97 |
| 18) Hexachloroethane | 8.998 | 117 | 10800 | 7.766 | ng | | 87 |
| 19) n-Nitroso-di-n-propyla... | 8.716 | 70 | 24672 | 7.085 | ng | | 97 |
| 20) 3+4-Methylphenols | 8.681 | 107 | 30151 | 6.553 | ng | | 99 |
| 22) Acetophenone | 8.734 | 105 | 48045 | 8.074 | ng | # | 97 |
| 24) Nitrobenzene | 9.116 | 77 | 37437 | 8.597 | ng | | 95 |
| 25) Isophorone | 9.633 | 82 | 70629 | 7.856 | ng | | 99 |
| 26) 2-Nitrophenol | 9.833 | 139 | 13803 | 8.389 | ng | | 88 |
| 27) 2,4-Dimethylphenol | 9.886 | 122 | 17227 | 7.146 | ng | | 91 |
| 28) bis(2-Chloroethoxy)met... | 10.121 | 93 | 39723 | 8.254 | ng | | 98 |
| 29) 2,4-Dichlorophenol | 10.362 | 162 | 27844 | 8.260 | ng | | 92 |
| 30) 1,2,4-Trichlorobenzene | 10.579 | 180 | 34229 | 8.566 | ng | | 98 |
| 31) Naphthalene | 10.761 | 128 | 89109 | 8.151 | ng | | 98 |
| 32) Benzoic acid | 9.956 | 122 | 13936m | 5.375 | ng | | |
| 33) 4-Chloroaniline | 10.867 | 127 | 37901 | 8.809 | ng | | 94 |
| 34) Hexachlorobutadiene | 11.055 | 225 | 23354 | 8.368 | ng | | 94 |
| 35) Caprolactam | 11.607 | 113 | 9668 | 7.440 | ng | | 96 |
| 36) 4-Chloro-3-methylphenol | 11.989 | 107 | 29910 | 7.356 | ng | | 99 |
| 37) 2-Methylnaphthalene | 12.371 | 142 | 68405 | 8.067 | ng | | 98 |
| 38) 1-Methylnaphthalene | 12.588 | 142 | 63690 | 7.480 | ng | | 94 |
| 40) 1,2,4,5-Tetrachloroben... | 12.735 | 216 | 46856 | 8.805 | ng | | 96 |
| 41) Hexachlorocyclopentadiene | 12.718 | 237 | 13897 | 9.152 | ng | | 98 |
| 43) 2,4,6-Trichlorophenol | 12.976 | 196 | 28102 | 8.330 | ng | | 94 |

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090424\
Data File : BG062650.D
Acq On : 4 Sep 2024 19:43
Operator : MA/JU
Sample : P2403-07
Misc : LOD-MDL-WATER-8 ng
ALS Vial : 16 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
LOD-MDL-WATER-01-QT2-2024

Quant Time: Sep 05 04:52:08 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG083024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 31 02:36:01 2024
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 13.047 | 196 | 31130 | 8.148 | ng | | 99 |
| 46) 1,1'-Biphenyl | 13.376 | 154 | 102922 | 8.718 | ng | | 98 |
| 47) 2-Chloronaphthalene | 13.423 | 162 | 79033 | 8.260 | ng | | 94 |
| 48) 2-Nitroaniline | 13.617 | 65 | 21105 | 8.386 | ng | | 94 |
| 49) Acenaphthylene | 14.263 | 152 | 126453 | 8.925 | ng | | 98 |
| 50) Dimethylphthalate | 13.993 | 163 | 108069 | 8.352 | ng | | 100 |
| 51) 2,6-Dinitrotoluene | 14.110 | 165 | 19910 | 8.135 | ng | | 96 |
| 52) Acenaphthene | 14.610 | 154 | 76789 | 8.669 | ng | | 97 |
| 53) 3-Nitroaniline | 14.439 | 138 | 19798 | 8.360 | ng | | 98 |
| 54) 2,4-Dinitrophenol | 14.645 | 184 | 7377 | 5.371 | ng | | 89 |
| 55) Dibenzofuran | 14.944 | 168 | 132297 | 8.709 | ng | | 93 |
| 56) 4-Nitrophenol | 14.751 | 139 | 16142 | 8.043 | ng | | 91 |
| 57) 2,4-Dinitrotoluene | 14.903 | 165 | 27388 | 8.201 | ng | | 93 |
| 58) Fluorene | 15.591 | 166 | 102416 | 8.591 | ng | | 99 |
| 59) 2,3,4,6-Tetrachlorophenol | 15.168 | 232 | 30832 | 8.519 | ng | # | 96 |
| 60) Diethylphthalate | 15.362 | 149 | 107270 | 8.364 | ng | | 99 |
| 61) 4-Chlorophenyl-phenyle... | 15.585 | 204 | 60160 | 8.790 | ng | | 93 |
| 62) 4-Nitroaniline | 15.602 | 138 | 22087 | 8.458 | ng | | 86 |
| 63) Azobenzene | 15.879 | 77 | 99597 | 8.270 | ng | | 97 |
| 65) 4,6-Dinitro-2-methylph... | 15.661 | 198 | 15315 | 6.886 | ng | | 90 |
| 66) n-Nitrosodiphenylamine | 15.796 | 169 | 93818 | 7.830 | ng | | 99 |
| 67) 4-Bromophenyl-phenylether | 16.478 | 248 | 40340 | 7.843 | ng | | 96 |
| 68) Hexachlorobenzene | 16.595 | 284 | 50003 | 8.208 | ng | | 96 |
| 69) Atrazine | 16.742 | 200 | 42997 | 10.565 | ng | | 98 |
| 70) Pentachlorophenol | 16.936 | 266 | 22885 | 5.865 | ng | | 96 |
| 71) Phenanthrene | 17.330 | 178 | 199861 | 8.591 | ng | | 97 |
| 72) Anthracene | 17.418 | 178 | 198154 | 8.663 | ng | | 97 |
| 73) Carbazole | 17.688 | 167 | 176675 | 8.403 | ng | | 97 |
| 74) Di-n-butylphthalate | 18.252 | 149 | 190846 | 8.048 | ng | | 98 |
| 75) Fluoranthene | 19.339 | 202 | 253596 | 8.619 | ng | | 98 |
| 77) Benzidine | 19.521 | 184 | 109275 | 10.836 | ng | | 97 |
| 78) Pyrene | 19.704 | 202 | 274658 | 7.723 | ng | | 98 |
| 80) Butylbenzylphthalate | 20.597 | 149 | 73476 | 7.034 | ng | | 97 |
| 81) Benzo(a)anthracene | 21.513 | 228 | 293138 | 8.307 | ng | | 98 |
| 82) 3,3'-Dichlorobenzidine | 21.431 | 252 | 97607 | 8.491 | ng | | 94 |
| 83) Chrysene | 21.578 | 228 | 283114 | 8.376 | ng | | 98 |
| 84) Bis(2-ethylhexyl)phtha... | 21.437 | 149 | 115429 | 7.273 | ng | # | 96 |
| 85) Di-n-octyl phthalate | 22.594 | 149 | 190785 | 6.866 | ng | | 100 |
| 87) Indeno(1,2,3-cd)pyrene | 28.053 | 276 | 331648 | 8.293 | ng | | 98 |
| 88) Benzo(b)fluoranthene | 23.628 | 252 | 270549m | 7.854 | ng | | |
| 89) Benzo(k)fluoranthene | 23.693 | 252 | 284345 | 8.438 | ng | | 98 |
| 90) Benzo(a)pyrene | 24.451 | 252 | 255624 | 8.400 | ng | | 100 |
| 91) Dibenzo(a,h)anthracene | 28.117 | 278 | 270366 | 8.207 | ng | | 98 |
| 92) Benzo(g,h,i)perylene | 29.134 | 276 | 255001 | 7.676 | ng | | 99 |

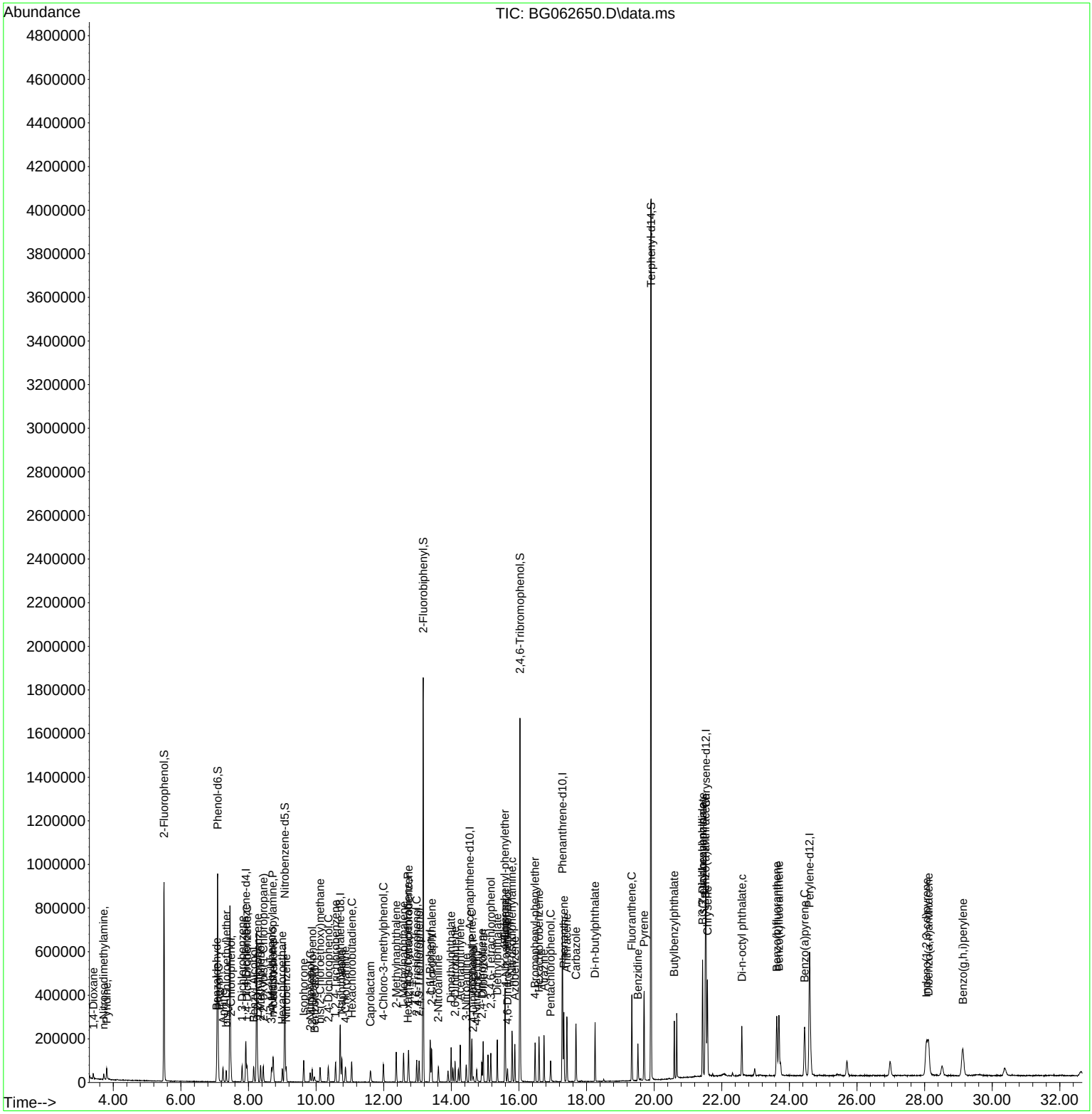
(#) = qualifier out of range (m) = manual integration (+) = signals summed

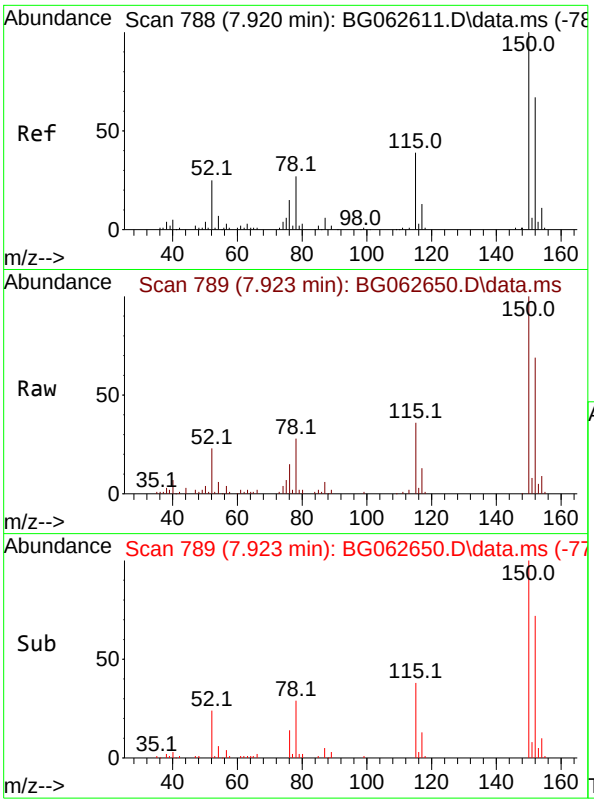
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090424\
Data File : BG062650.D
Acq On : 4 Sep 2024 19:43
Operator : MA/JU
Sample : P2403-07
Misc : LOD-MDL-WATER-8 ng
ALS Vial : 16 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
LOD-MDL-WATER-01-QT2-2024

Quant Time: Sep 05 04:52:08 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG083024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 31 02:36:01 2024
Response via : Initial Calibration



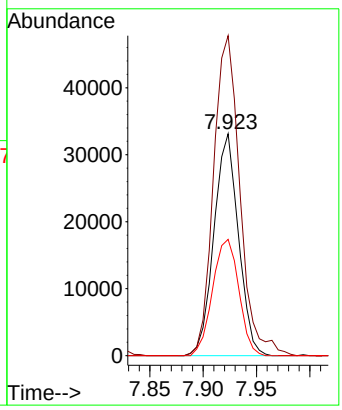


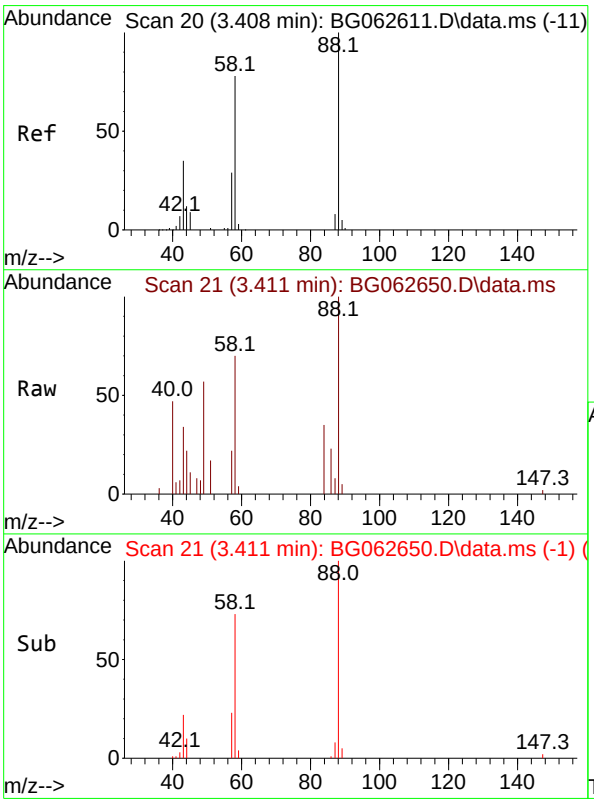

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.923 min Scan# 78
Delta R.T. 0.003 min
Lab File: BG062650.D
Acq: 4 Sep 2024 19:43

**Instrument :**
BNA_G
**ClientSampleId :**
LOD-MDL-WATER-01-QT2-2024

Tgt Ion:152 Resp: 52878

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 144.2 | 119.9 | 179.9 |
| 115 | 52.5 | 46.6 | 69.8 |

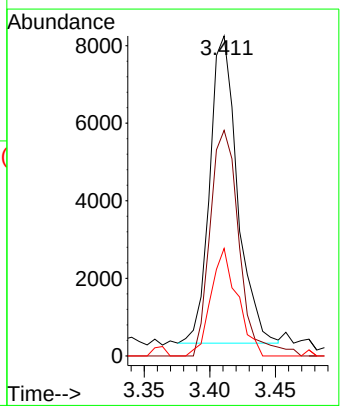


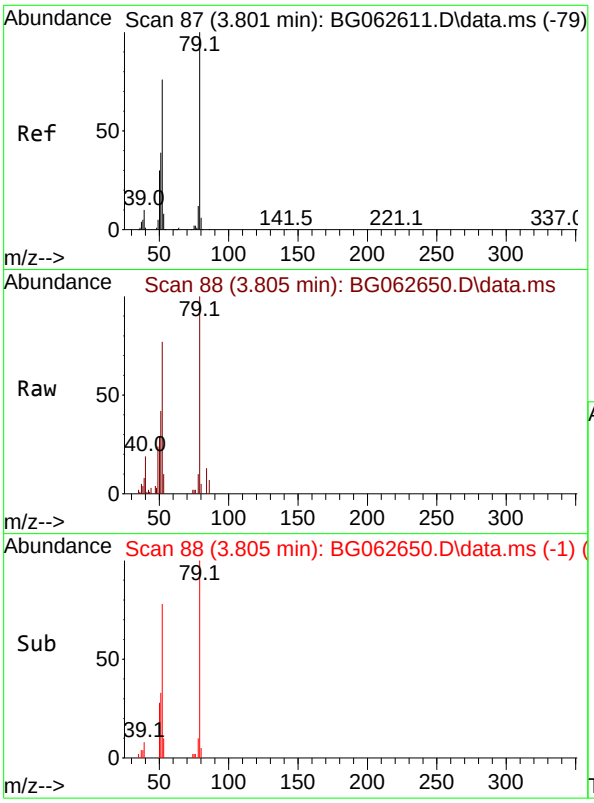




#2
1,4-Dioxane
Concen: 9.115 ng
RT: 3.411 min Scan# 21
Delta R.T. 0.003 min
Lab File: BG062650.D
Acq: 4 Sep 2024 19:43

Tgt Ion: 88 Resp: 11616

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 77.2 | 62.3 | 93.5 |
| 43 | 33.5 | 27.5 | 41.3 |



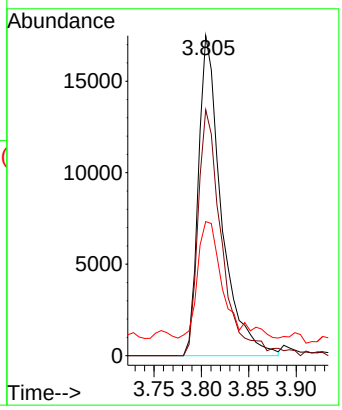


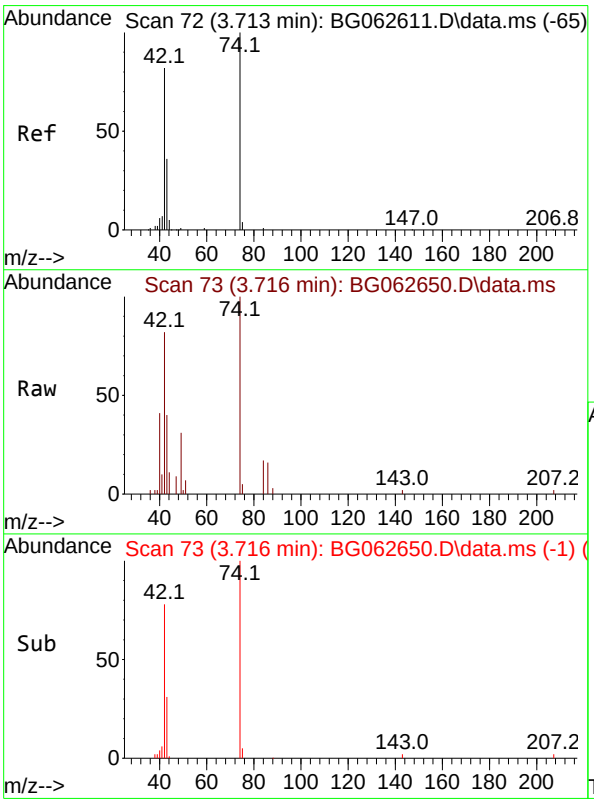

#3
Pyridine
Concen: 8.006 ng
RT: 3.805 min Scan# 8
Delta R.T. 0.003 min
Lab File: BG062650.D
Acq: 4 Sep 2024 19:43

**Instrument :**
BNA_G
**ClientSampleId :**
LOD-MDL-WATER-01-QT2-2024

Tgt Ion: 79 Resp: 29396

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 52 | 76.8 | 60.9 | 91.3 |
| 51 | 41.9 | 31.5 | 47.3 |

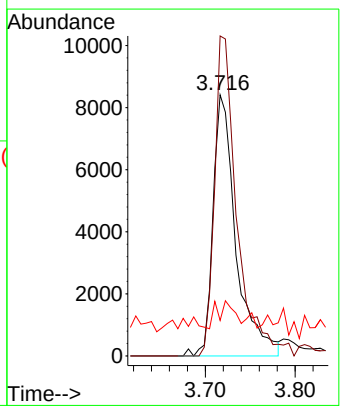


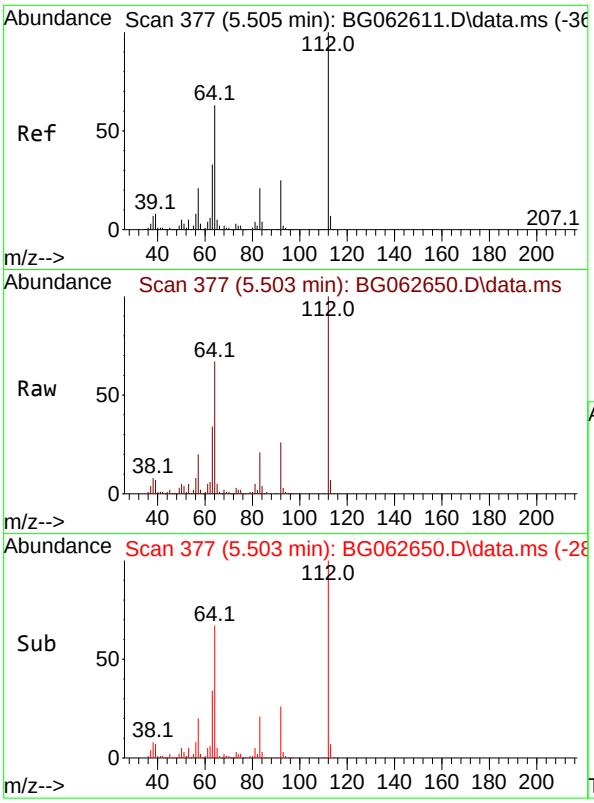




#4
n-Nitrosodimethylamine
Concen: 8.368 ng
RT: 3.716 min Scan# 73
Delta R.T. 0.003 min
Lab File: BG062650.D
Acq: 4 Sep 2024 19:43

Tgt Ion: 42 Resp: 14938

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 122.5 | 98.0 | 147.0 |
| 44 | 13.6 | 7.4 | 11.2# |



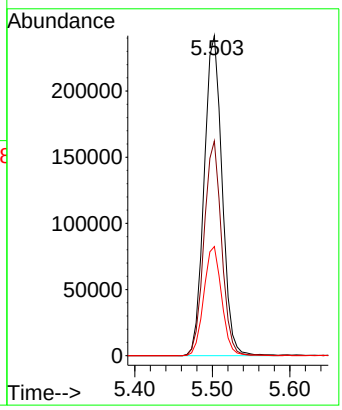


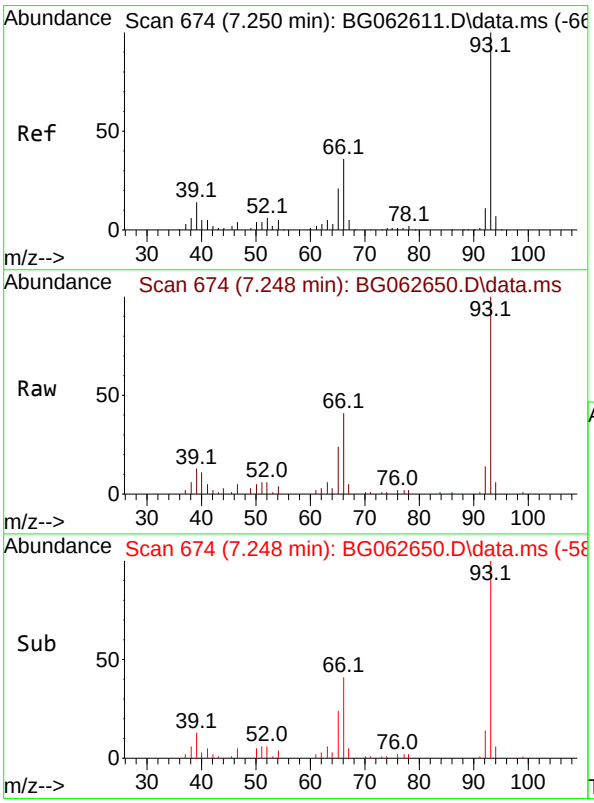

#5
2-Fluorophenol
Concen: 126.827 ng
RT: 5.503 min Scan# 3
Delta R.T. -0.003 min
Lab File: BG062650.D
Acq: 4 Sep 2024 19:43

**Instrument :**
BNA_G
**ClientSampleId :**
LOD-MDL-WATER-01-QT2-2024

Tgt Ion:112 Resp: 387979

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 67.1 | 50.2 | 75.2 |
| 63 | 34.1 | 26.6 | 39.8 |

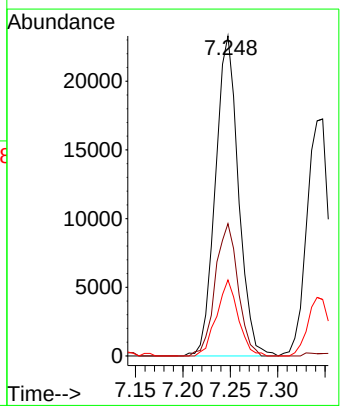


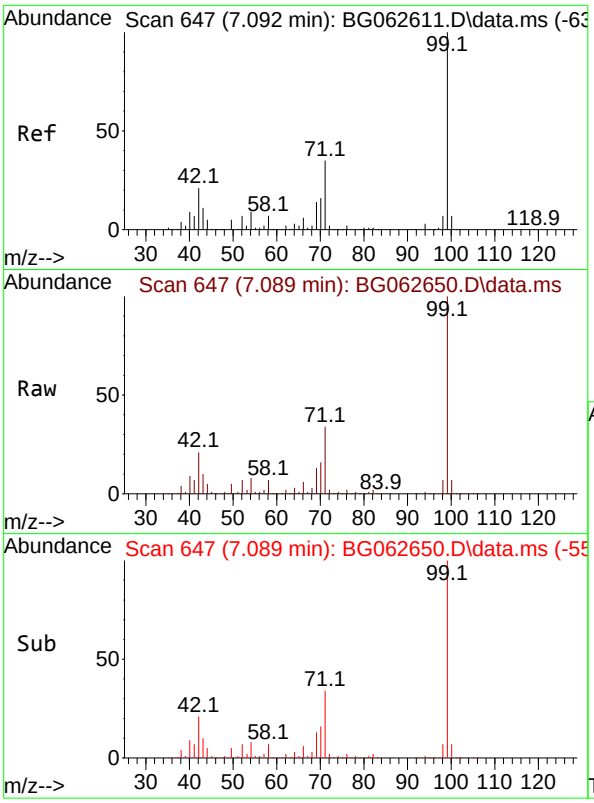




#6
Aniline
Concen: 9.546 ng
RT: 7.248 min Scan# 674
Delta R.T. -0.003 min
Lab File: BG062650.D
Acq: 4 Sep 2024 19:43

Tgt Ion: 93 Resp: 39414

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 66 | 41.3 | 29.1 | 43.7 |
| 65 | 23.7 | 16.6 | 25.0 |



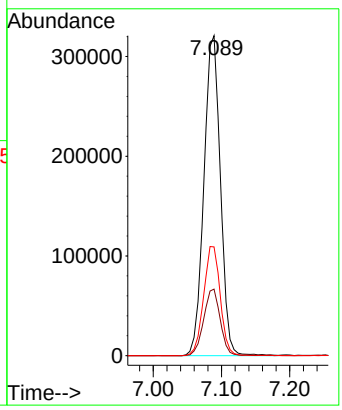


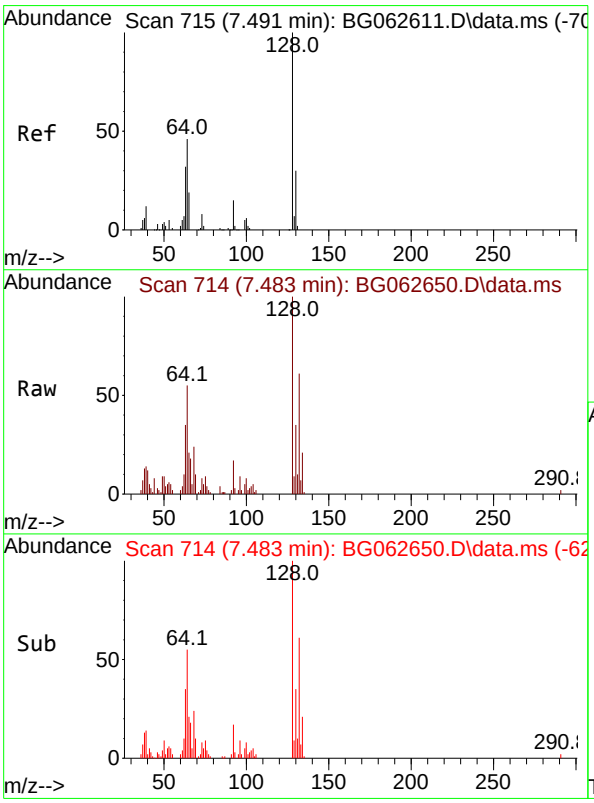

#7
Phenol-d6
Concen: 122.282 ng
RT: 7.089 min Scan# 64
Delta R.T. -0.003 min
Lab File: BG062650.D
Acq: 4 Sep 2024 19:43

**Instrument :**
BNA_G
**ClientSampleId :**
LOD-MDL-WATER-01-QT2-2024

Tgt Ion: 99 Resp: 540406

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 20.8 | 16.9 | 25.3 |
| 71 | 34.0 | 27.9 | 41.9 |

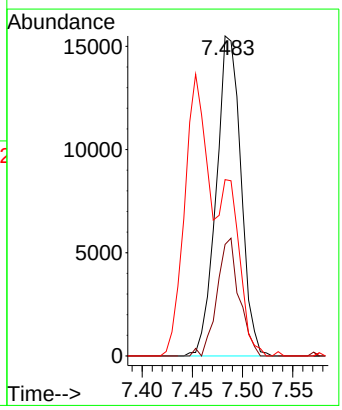


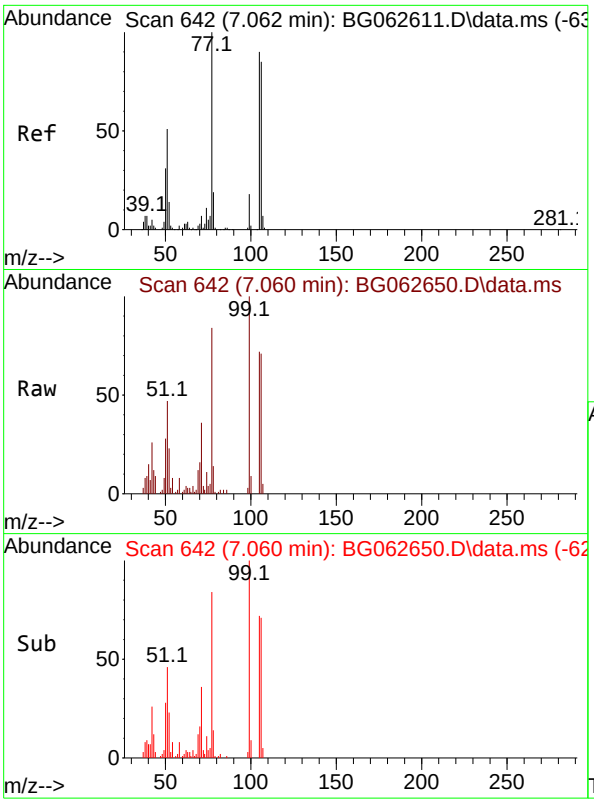




#8
2-Chlorophenol
Concen: 8.077 ng
RT: 7.483 min Scan# 714
Delta R.T. -0.009 min
Lab File: BG062650.D
Acq: 4 Sep 2024 19:43

Tgt Ion:128 Resp: 26527

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 130 | 34.9 | 10.0 | 50.0 |
| 64 | 55.1 | 28.8 | 68.8 |



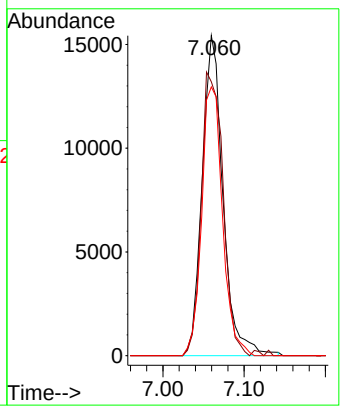


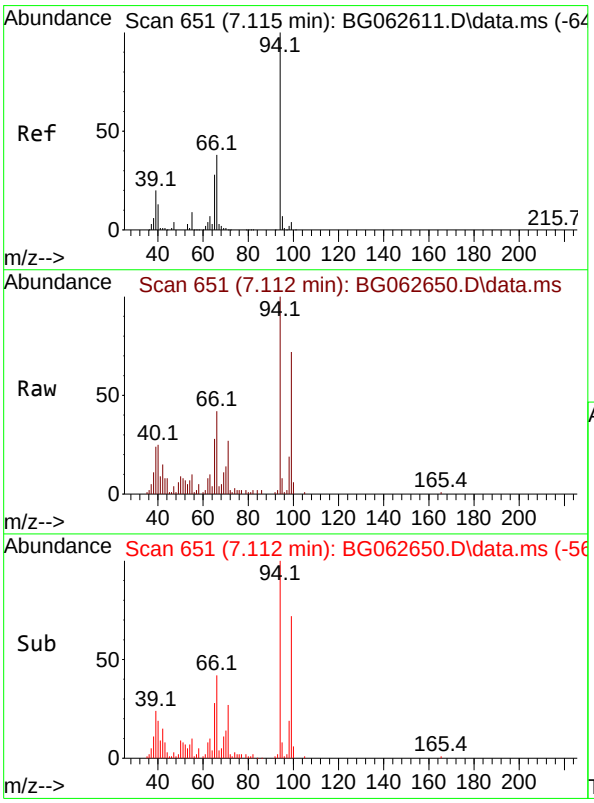

#9
Benzaldehyde
Concen: 10.675 ng
RT: 7.060 min Scan# 64
Delta R.T. -0.002 min
Lab File: BG062650.D
Acq: 4 Sep 2024 19:43

**Instrument :**
BNA_G
**ClientSampleId :**
LOD-MDL-WATER-01-QT2-2024

Tgt Ion: 77 Resp: 27441

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 85.6 | 70.2 | 110.2 |
| 106 | 84.0 | 65.4 | 105.4 |

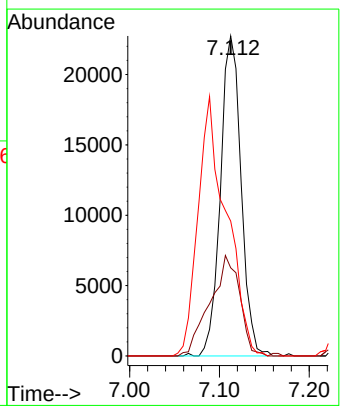


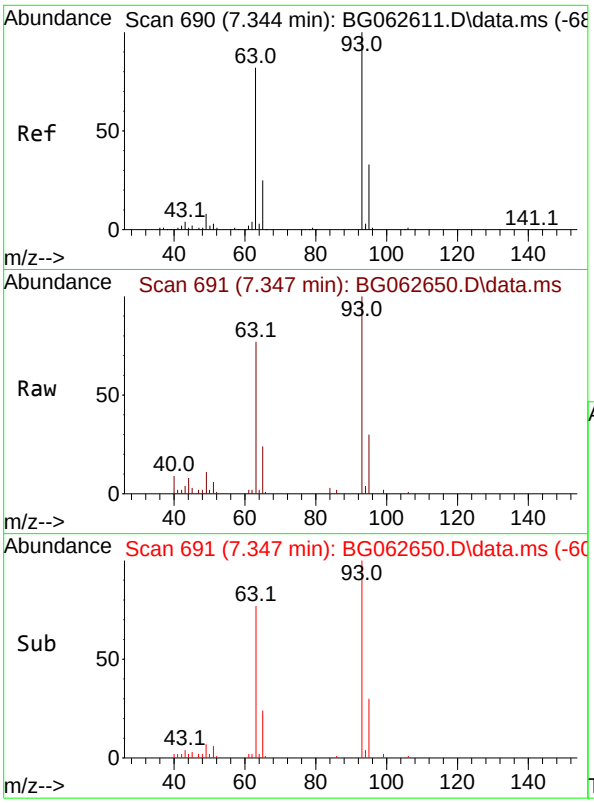




#10
Phenol
Concen: 8.121 ng
RT: 7.112 min Scan# 651
Delta R.T. -0.003 min
Lab File: BG062650.D
Acq: 4 Sep 2024 19:43

Tgt Ion: 94 Resp: 36333

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 27.6 | 8.6 | 48.6 |
| 66 | 42.2 | 18.2 | 58.2 |



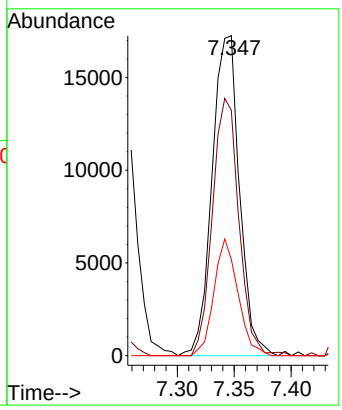


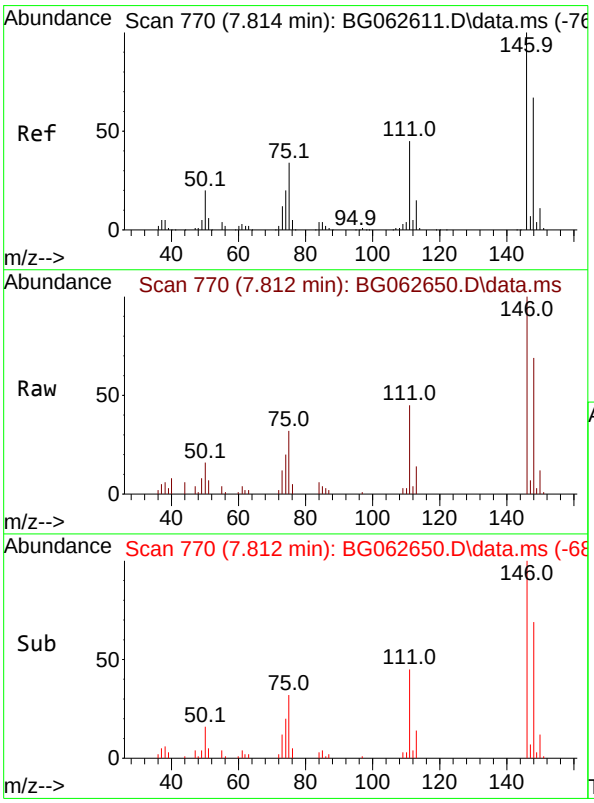

#11
bis(2-Chloroethyl)ether
Concen: 8.449 ng
RT: 7.347 min Scan# 6
Delta R.T. 0.003 min
Lab File: BG062650.D
Acq: 4 Sep 2024 19:43

**Instrument :**
BNA_G
**ClientSampleId :**
LOD-MDL-WATER-01-QT2-2024

Tgt Ion: 93 Resp: 28941

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 76.7 | 61.9 | 101.9 |
| 95 | 30.1 | 12.9 | 52.9 |

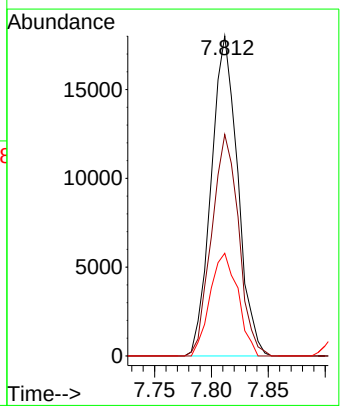


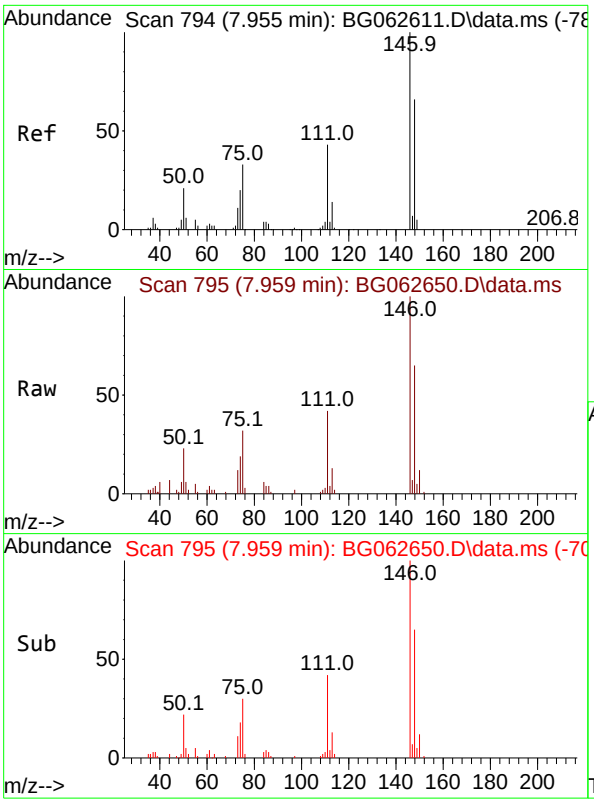




#12
1,3-Dichlorobenzene
Concen: 8.109 ng
RT: 7.812 min Scan# 770
Delta R.T. -0.003 min
Lab File: BG062650.D
Acq: 4 Sep 2024 19:43

Tgt Ion:146 Resp: 29227

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 69.2 | 53.9 | 80.9 |
| 75 | 32.1 | 27.0 | 40.4 |



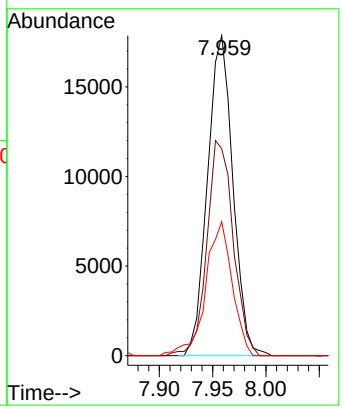


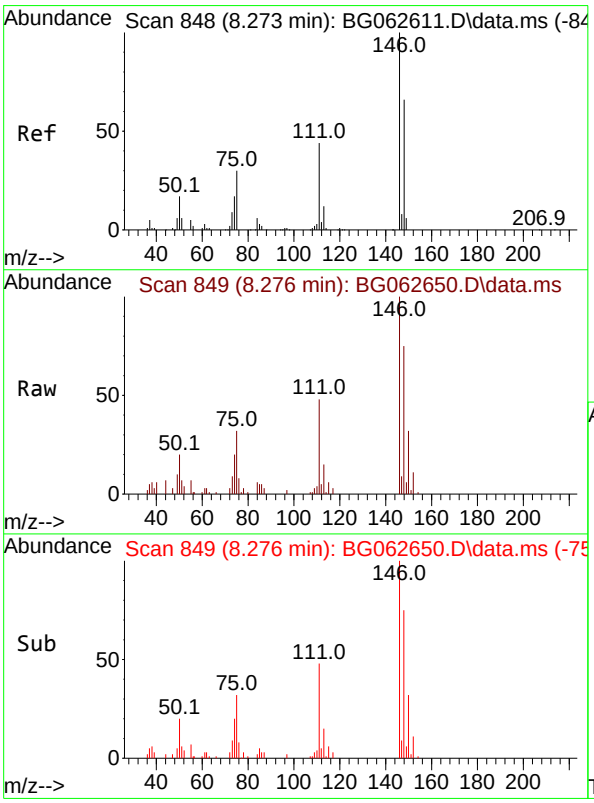

#13
1,4-Dichlorobenzene
Concen: 7.978 ng
RT: 7.959 min Scan# 7
Delta R.T. 0.003 min
Lab File: BG062650.D
Acq: 4 Sep 2024 19:43

**Instrument :**
BNA_G
**ClientSampleId :**
LOD-MDL-WATER-01-QT2-2024

Tgt Ion:146 Resp: 29592

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 64.7 | 53.0 | 79.6 |
| 111 | 41.9 | 34.9 | 52.3 |

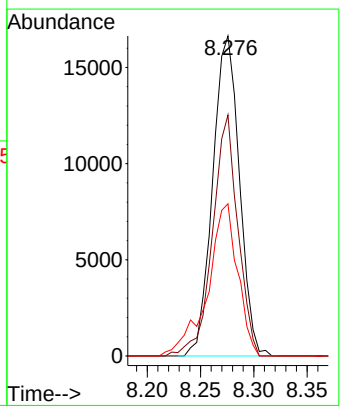


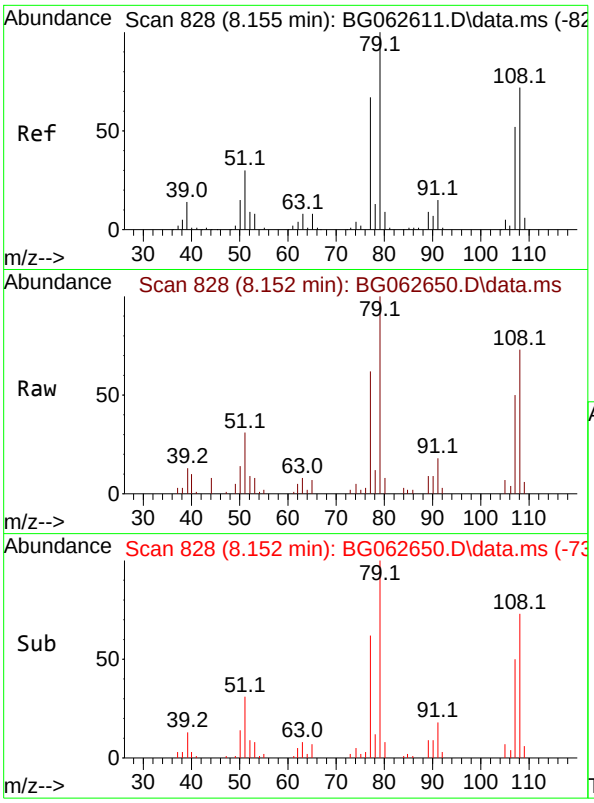




#14
1,2-Dichlorobenzene
Concen: 7.937 ng
RT: 8.276 min Scan# 849
Delta R.T. 0.003 min
Lab File: BG062650.D
Acq: 4 Sep 2024 19:43

Tgt Ion:146 Resp: 28937

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 75.3 | 52.5 | 78.7 |
| 111 | 47.6 | 35.5 | 53.3 |



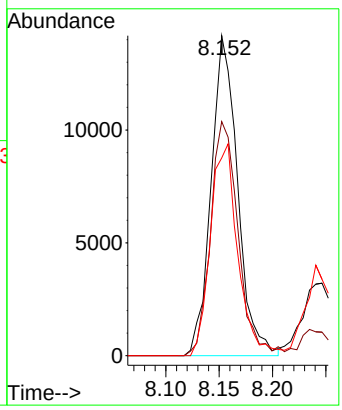


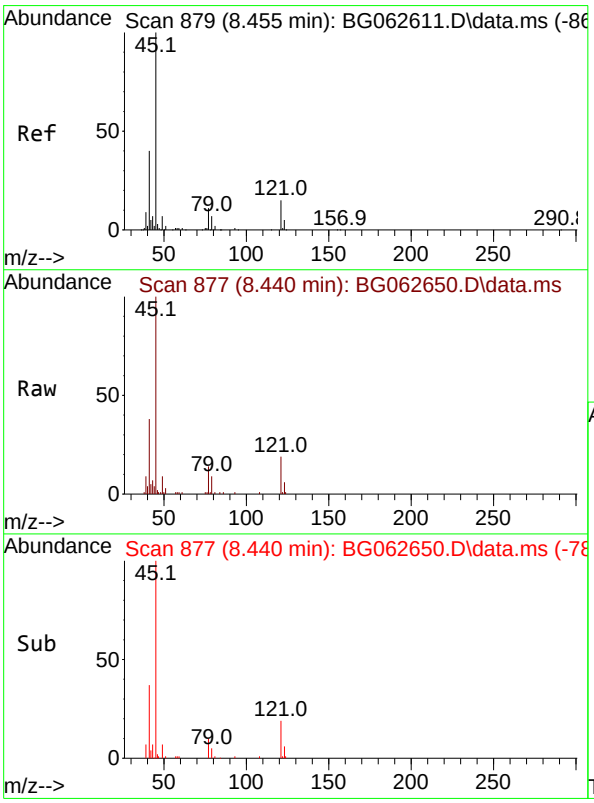

#15
Benzyl Alcohol
Concen: 7.487 ng
RT: 8.152 min Scan# 8
Delta R.T. -0.003 min
Lab File: BG062650.D
Acq: 4 Sep 2024 19:43

**Instrument :**
BNA_G
**ClientSampleId :**
LOD-MDL-WATER-01-QT2-2024

Tgt Ion: 79 Resp: 24483

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 73.2 | 57.9 | 86.9 |
| 77 | 61.8 | 53.4 | 80.2 |

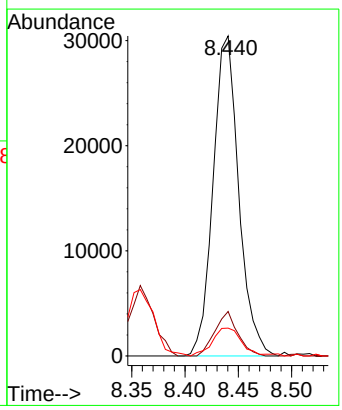


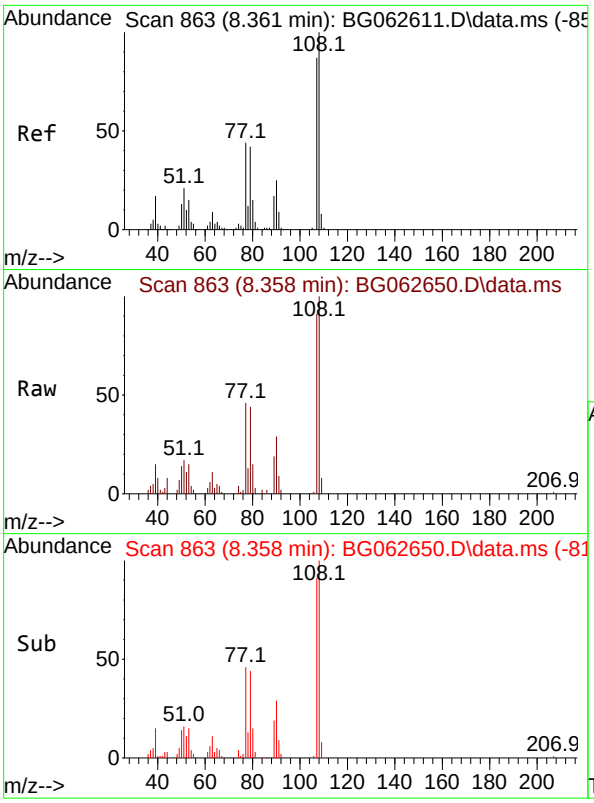




#16
2,2'-oxybis(1-Chloropropane)
Concen: 7.793 ng
RT: 8.440 min Scan# 877
Delta R.T. -0.014 min
Lab File: BG062650.D
Acq: 4 Sep 2024 19:43

Tgt Ion: 45 Resp: 50872

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 77 | 13.9 | 0.0 | 31.7 |
| 79 | 8.7 | 0.0 | 28.3 |



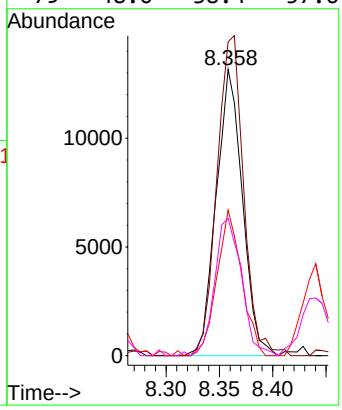


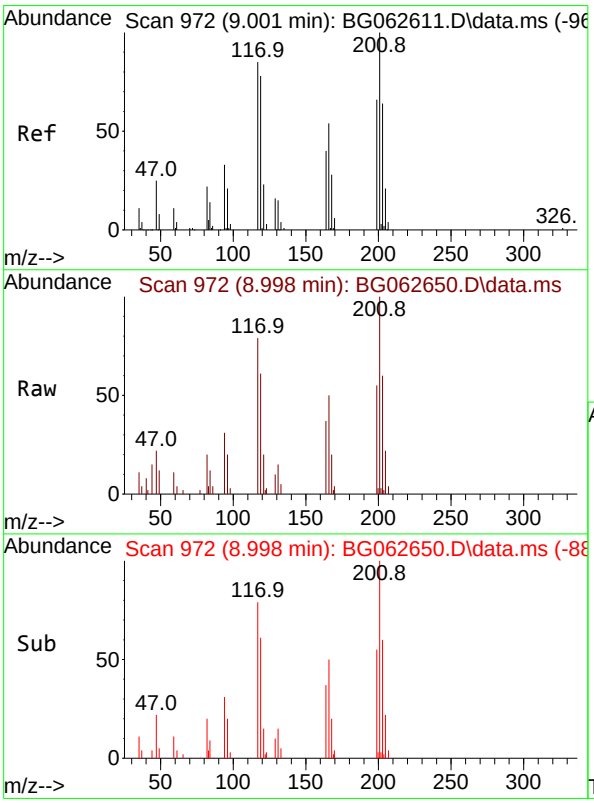

#17
2-Methylphenol
Concen: 7.198 ng
RT: 8.358 min Scan# 8
Delta R.T. -0.003 min
Lab File: BG062650.D
Acq: 4 Sep 2024 19:43

**Instrument :**
BNA_G
**ClientSampleId :**
LOD-MDL-WATER-01-QT2-2024

Tgt Ion:107 Resp: 22449

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 109.7 | 91.5 | 137.3 |
| 77 | 50.9 | 40.0 | 60.0 |
| 79 | 48.0 | 38.4 | 57.6 |

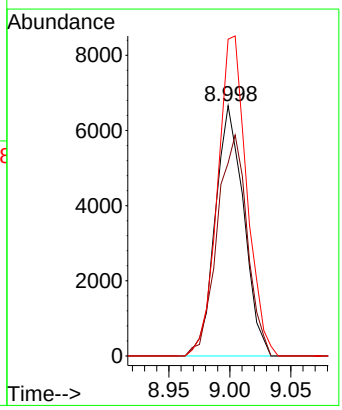


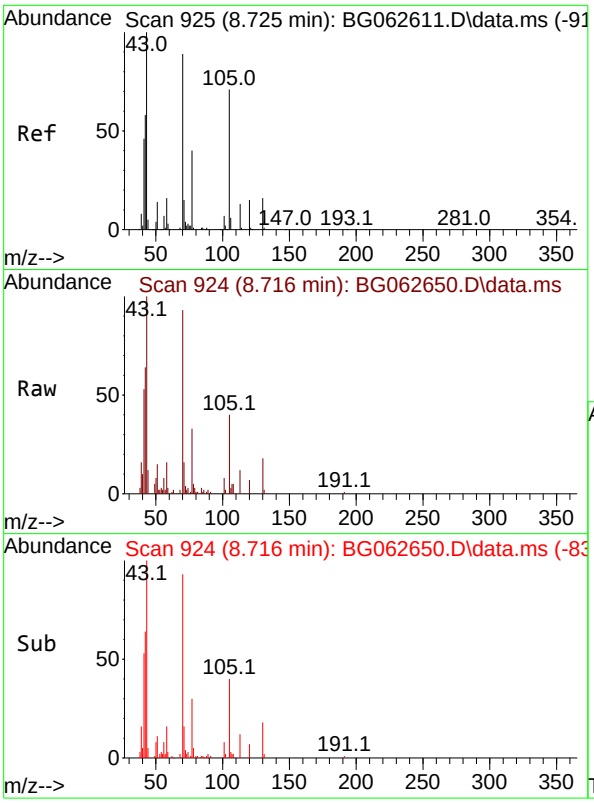




#18
Hexachloroethane
Concen: 7.766 ng
RT: 8.998 min Scan# 972
Delta R.T. -0.003 min
Lab File: BG062650.D
Acq: 4 Sep 2024 19:43

Tgt Ion:117 Resp: 10800

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 77.1 | 73.4 | 110.0 |
| 201 | 130.4 | 93.9 | 140.9 |



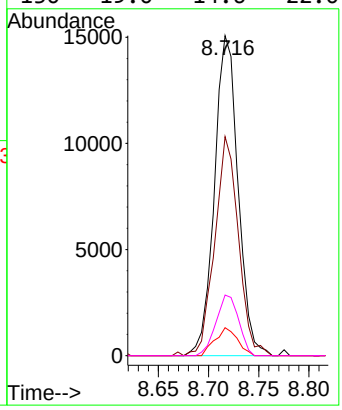


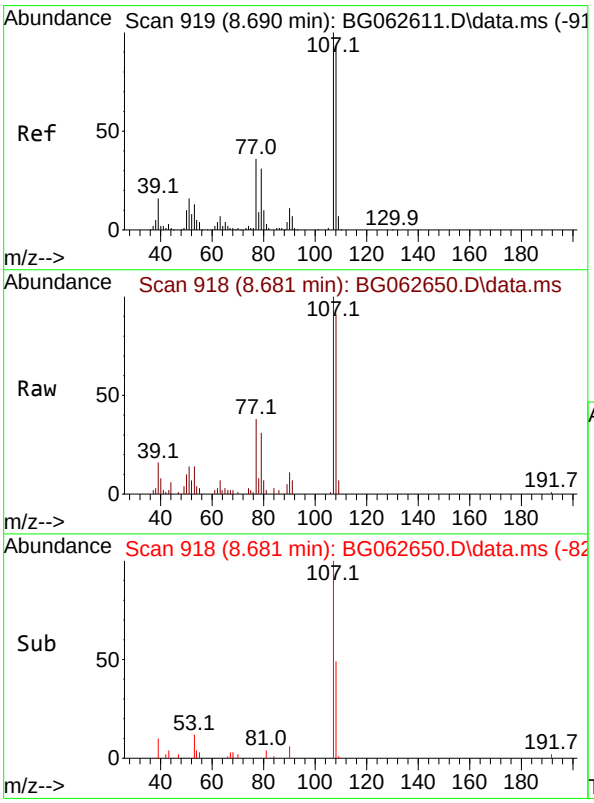

#19
n-Nitroso-di-n-propylamine
Concen: 7.085 ng
RT: 8.716 min Scan# 9
Delta R.T. -0.009 min
Lab File: BG062650.D
Acq: 4 Sep 2024 19:43

**Instrument :**
BNA_G
**ClientSampleId :**
LOD-MDL-WATER-01-QT2-2024

Tgt Ion: 70 Resp: 24672

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 68.5 | 52.3 | 78.5 |
| 101 | 8.7 | 6.6 | 9.8 |
| 130 | 19.0 | 14.6 | 22.0 |

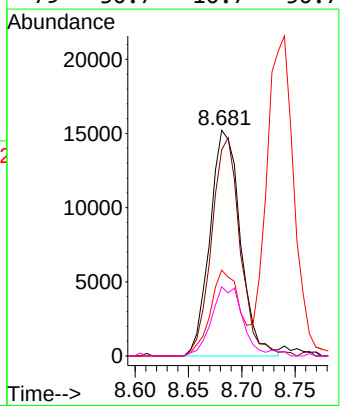


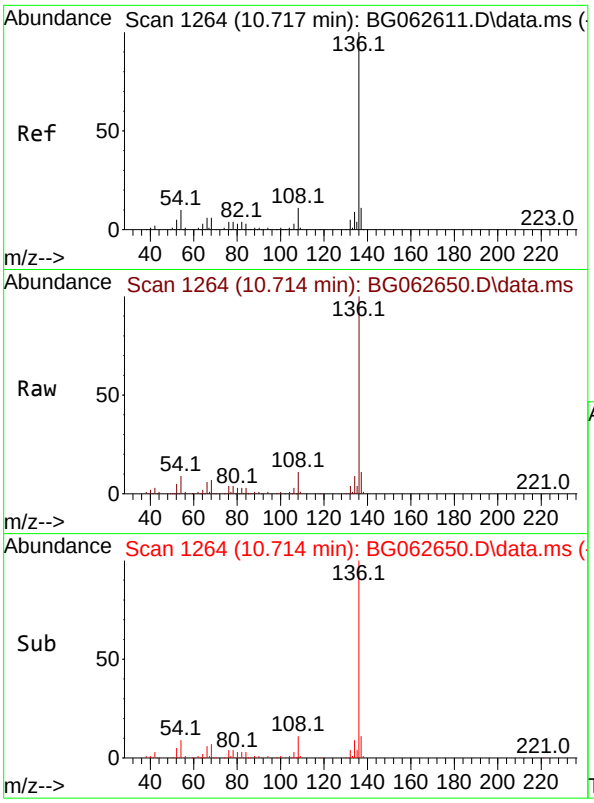




#20
3+4-Methylphenols
Concen: 6.553 ng
RT: 8.681 min Scan# 918
Delta R.T. -0.009 min
Lab File: BG062650.D
Acq: 4 Sep 2024 19:43

Tgt Ion:107 Resp: 30151

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 91.4 | 72.7 | 112.7 |
| 77 | 38.0 | 16.5 | 56.5 |
| 79 | 30.7 | 10.7 | 50.7 |



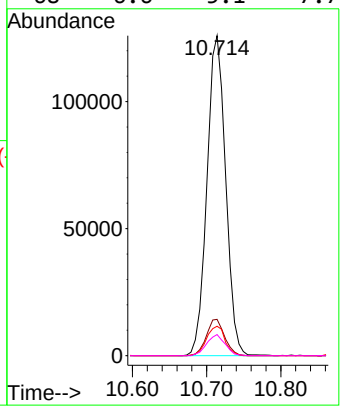


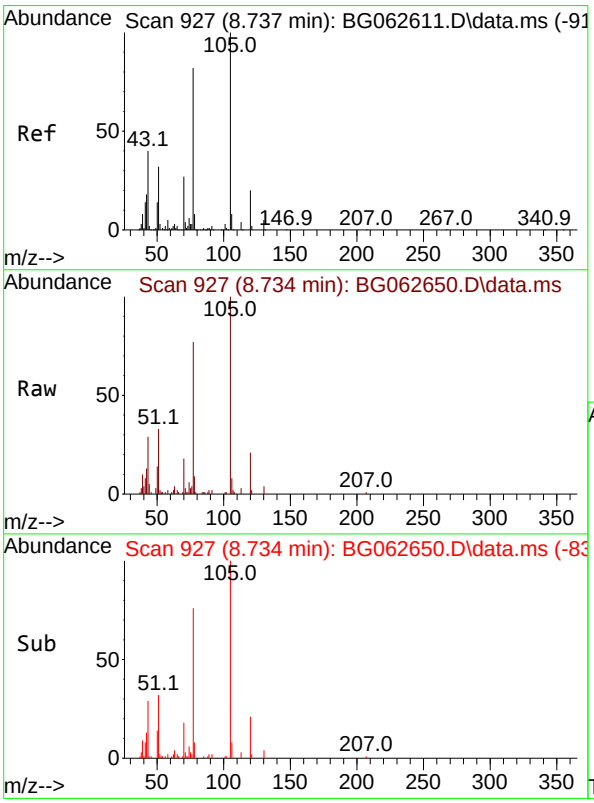

#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.714 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG062650.D
Acq: 4 Sep 2024 19:43

**Instrument :**
BNA_G
**ClientSampleId :**
LOD-MDL-WATER-01-QT2-2024

Tgt Ion:136 Resp: 220570

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.4 | 9.0 | 13.4 |
| 54 | 9.2 | 7.8 | 11.6 |
| 68 | 6.6 | 5.1 | 7.7 |

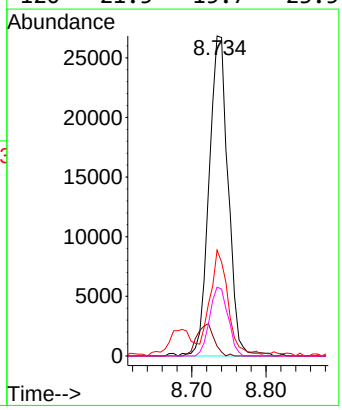


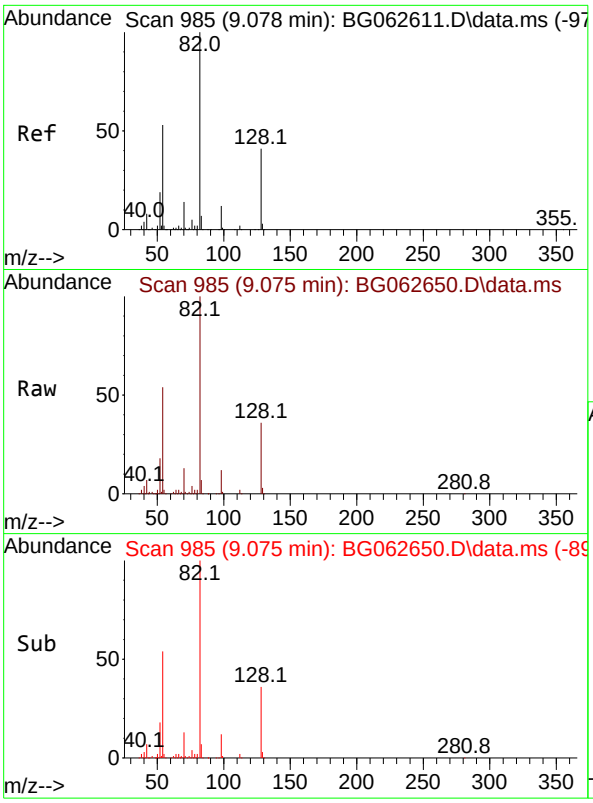




#22
Acetophenone
Concen: 8.074 ng
RT: 8.734 min Scan# 927
Delta R.T. -0.003 min
Lab File: BG062650.D
Acq: 4 Sep 2024 19:43

Tgt Ion:105 Resp: 48045

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 71 | 3.1 | 3.5 | 5.3# |
| 51 | 33.1 | 25.7 | 38.5 |
| 120 | 21.5 | 15.7 | 23.5 |



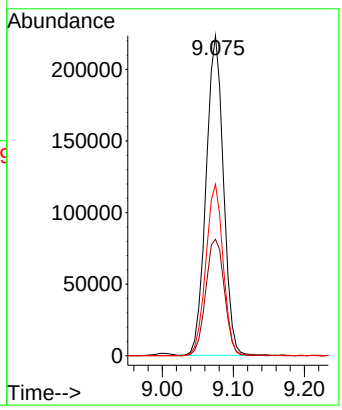


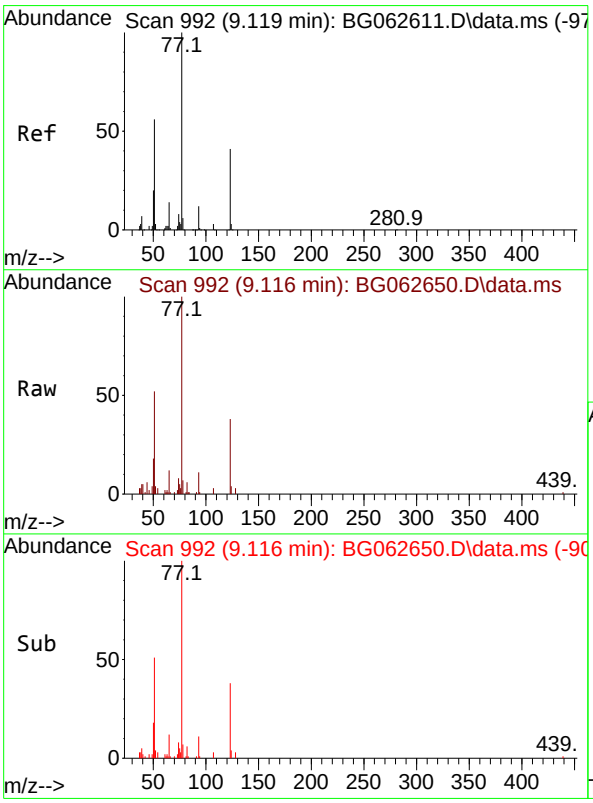

#23
Nitrobenzene-d5
Concen: 92.516 ng
RT: 9.075 min Scan# 9
Delta R.T. -0.003 min
Lab File: BG062650.D
Acq: 4 Sep 2024 19:43

**Instrument :**
BNA_G
**ClientSampleId :**
LOD-MDL-WATER-01-QT2-2024

Tgt Ion: 82 Resp: 378903

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 36.4 | 32.5 | 48.7 |
| 54 | 53.6 | 42.5 | 63.7 |

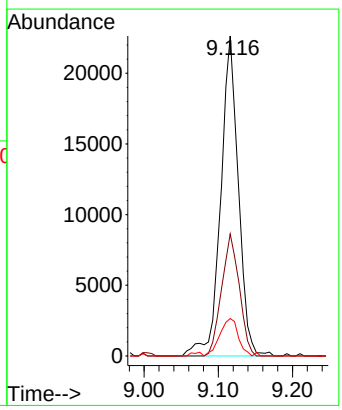


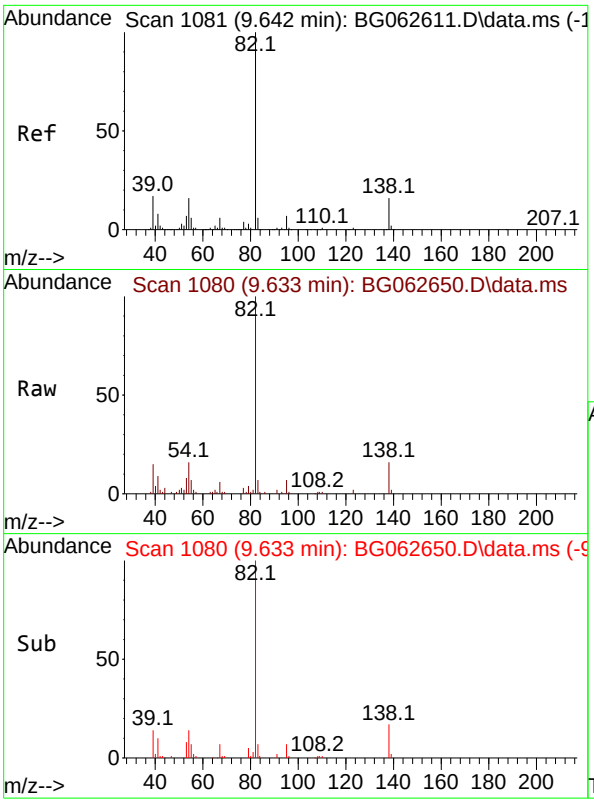




#24
Nitrobenzene
Concen: 8.597 ng
RT: 9.116 min Scan# 992
Delta R.T. -0.003 min
Lab File: BG062650.D
Acq: 4 Sep 2024 19:43

Tgt Ion: 77 Resp: 37437

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 38.2 | 33.1 | 49.7 |
| 65 | 11.7 | 11.0 | 16.4 |



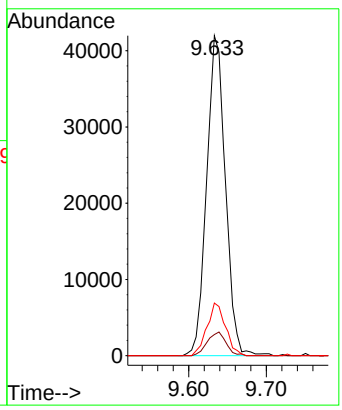


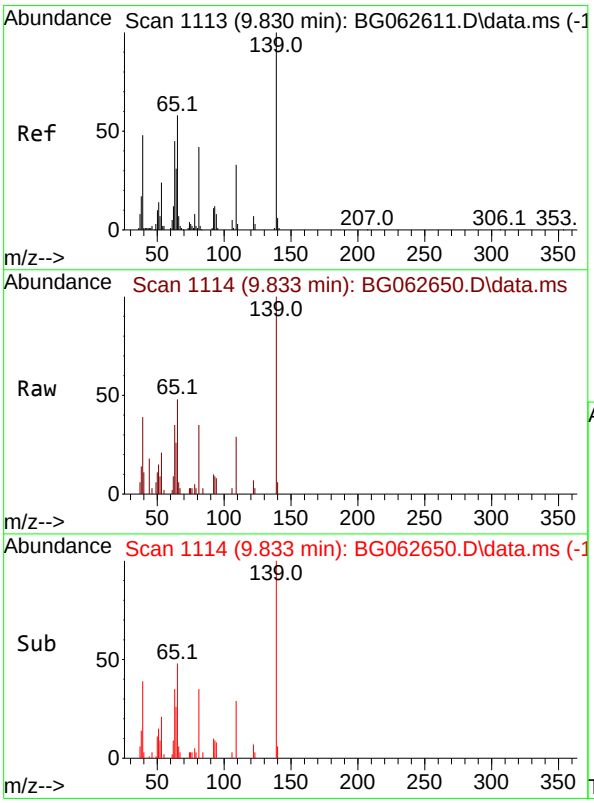

#25
Isophorone
Concen: 7.856 ng
RT: 9.633 min Scan# 1
Delta R.T. -0.009 min
Lab File: BG062650.D
Acq: 4 Sep 2024 19:43

**Instrument :**
BNA_G
**ClientSampleId :**
LOD-MDL-WATER-01-QT2-2024

Tgt Ion: 82 Resp: 70629

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 6.6 | 5.4 | 8.0 |
| 138 | 16.5 | 12.6 | 18.8 |

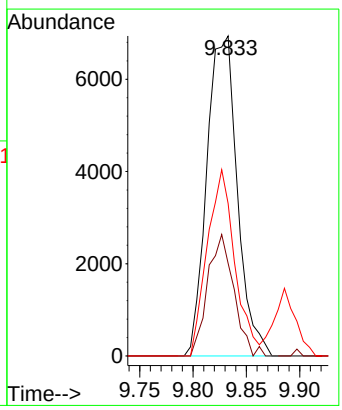


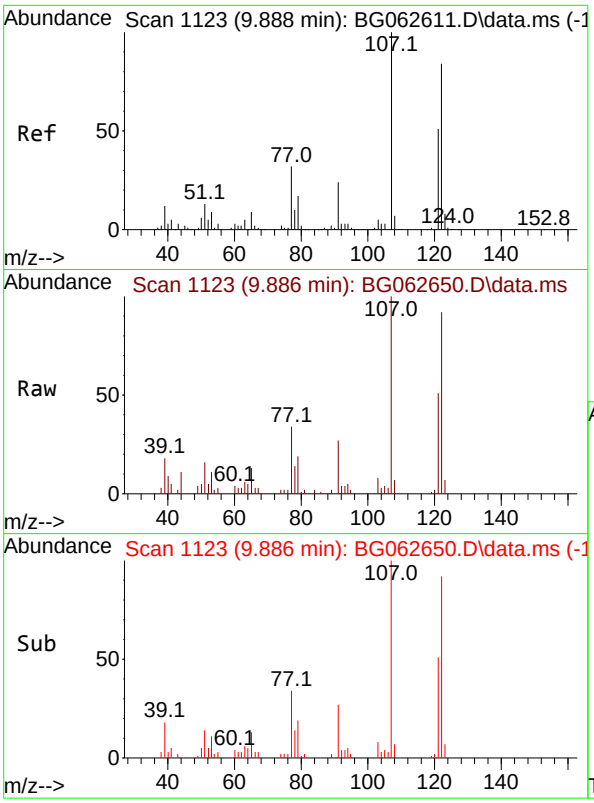




#26
2-Nitrophenol
Concen: 8.389 ng
RT: 9.833 min Scan# 1114
Delta R.T. 0.003 min
Lab File: BG062650.D
Acq: 4 Sep 2024 19:43

Tgt Ion:139 Resp: 13803

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 29.0 | 26.6 | 39.8 |
| 65 | 47.7 | 46.5 | 69.7 |



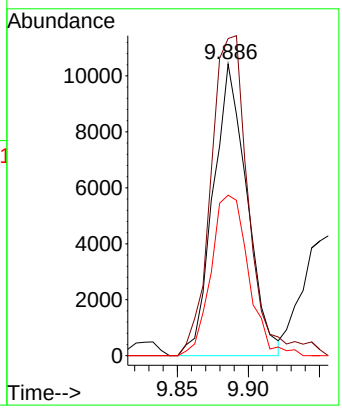


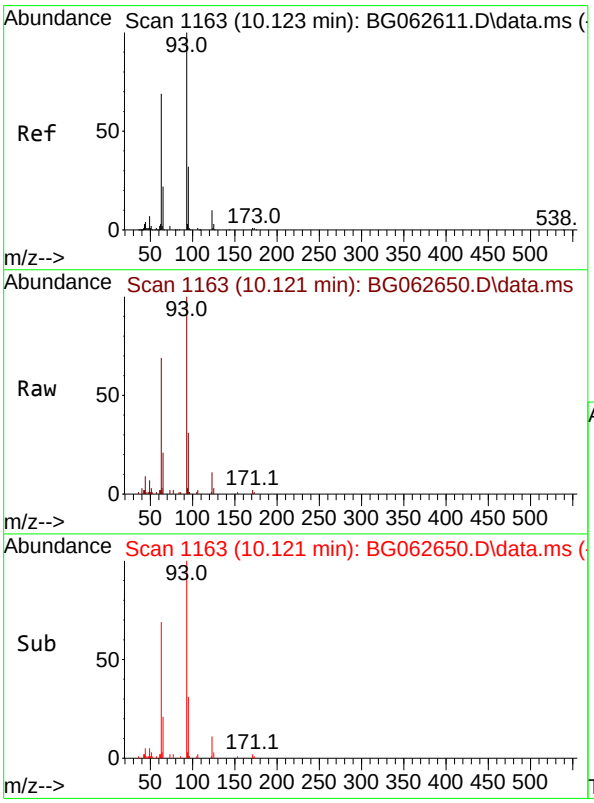

#27
2,4-Dimethylphenol
Concen: 7.146 ng
RT: 9.886 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG062650.D
Acq: 4 Sep 2024 19:43

**Instrument :**
BNA_G
**ClientSampleId :**
LOD-MDL-WATER-01-QT2-2024

Tgt Ion:122 Resp: 17227

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 107 | 108.7 | 95.8 | 143.6 |
| 121 | 55.0 | 48.6 | 72.8 |

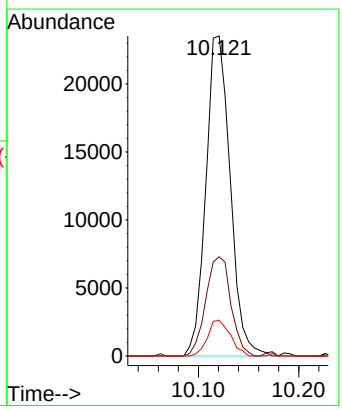


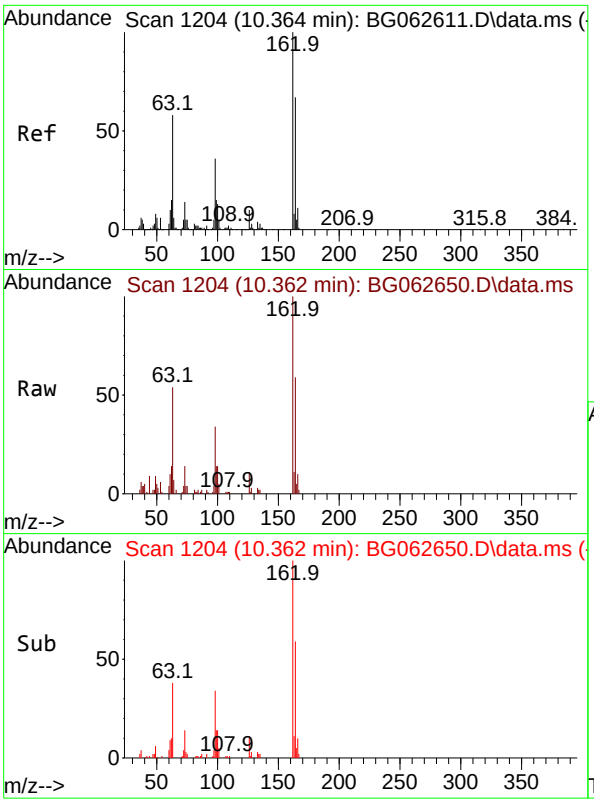




#28
bis(2-Chloroethoxy)methane
Concen: 8.254 ng
RT: 10.121 min Scan# 1163
Delta R.T. -0.003 min
Lab File: BG062650.D
Acq: 4 Sep 2024 19:43

Tgt Ion: 93 Resp: 39723

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 31.0 | 25.4 | 38.0 |
| 123 | 11.2 | 7.9 | 11.9 |



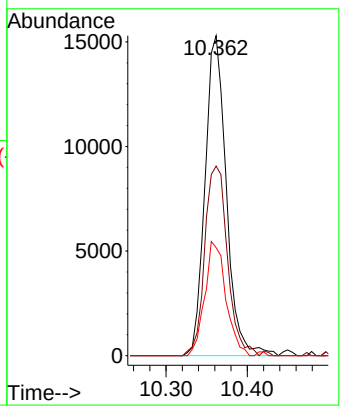


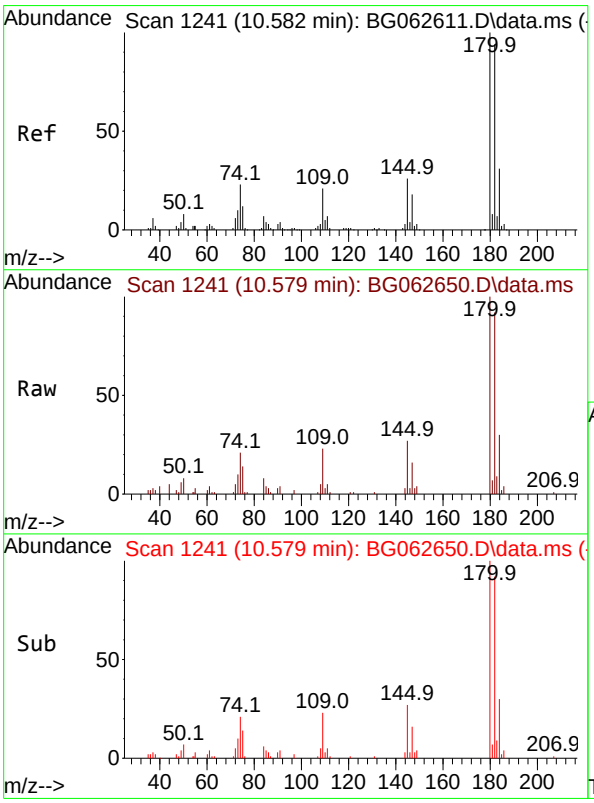

#29
2,4-Dichlorophenol
Concen: 8.260 ng
RT: 10.362 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG062650.D
Acq: 4 Sep 2024 19:43

**Instrument :**
BNA_G
**ClientSampleId :**
LOD-MDL-WATER-01-QT2-2024

Tgt Ion:162 Resp: 27844

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 59.3 | 46.8 | 86.8 |
| 98 | 33.8 | 16.4 | 56.4 |

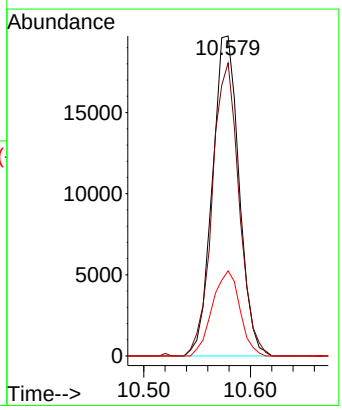


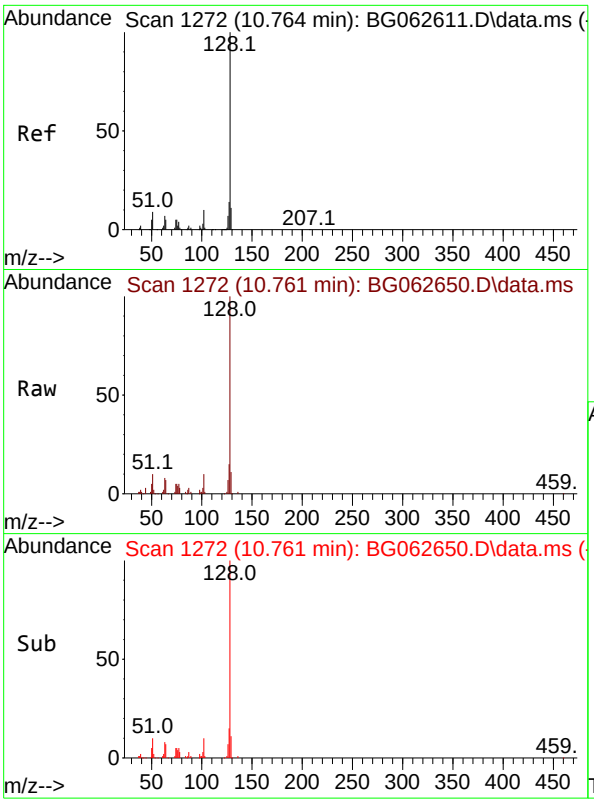




#30
1,2,4-Trichlorobenzene
Concen: 8.566 ng
RT: 10.579 min Scan# 1241
Delta R.T. -0.003 min
Lab File: BG062650.D
Acq: 4 Sep 2024 19:43

Tgt Ion:180 Resp: 34229

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 91.6 | 75.1 | 112.7 |
| 145 | 26.6 | 20.8 | 31.2 |



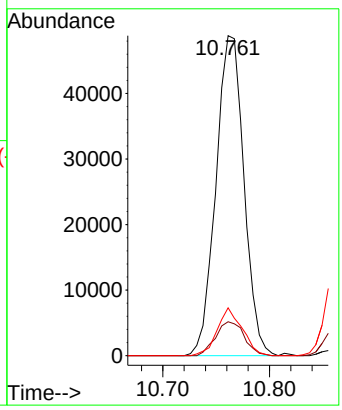


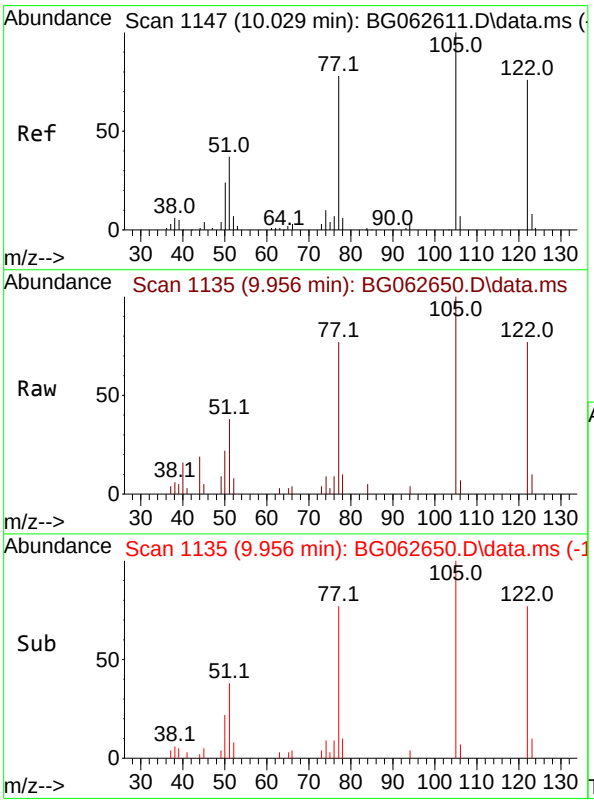

#31
Naphthalene
Concen: 8.151 ng
RT: 10.761 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG062650.D
Acq: 4 Sep 2024 19:43

**Instrument :**
BNA_G
**ClientSampleId :**
LOD-MDL-WATER-01-QT2-2024

Tgt Ion:128 Resp: 89109

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 10.6 | 8.8 | 13.2 |
| 127 | 15.0 | 11.3 | 16.9 |

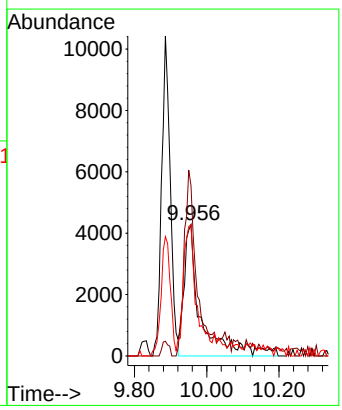


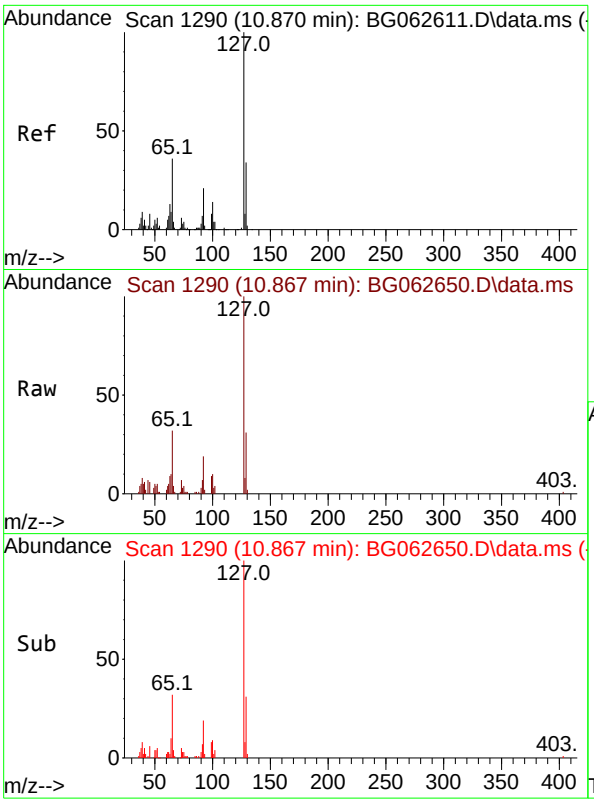




#32
Benzoic acid
Concen: 5.375 ng m
RT: 9.956 min Scan# 1135
Delta R.T. -0.073 min
Lab File: BG062650.D
Acq: 4 Sep 2024 19:43

Tgt Ion:122 Resp: 13936

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 129.6 | 105.7 | 145.7 |
| 77 | 99.8 | 79.9 | 119.9 |



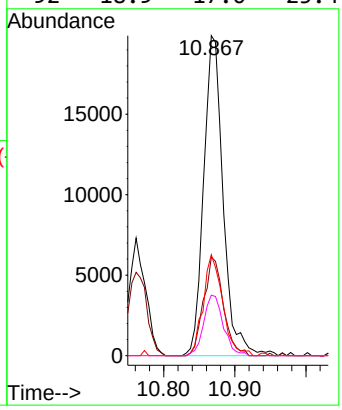


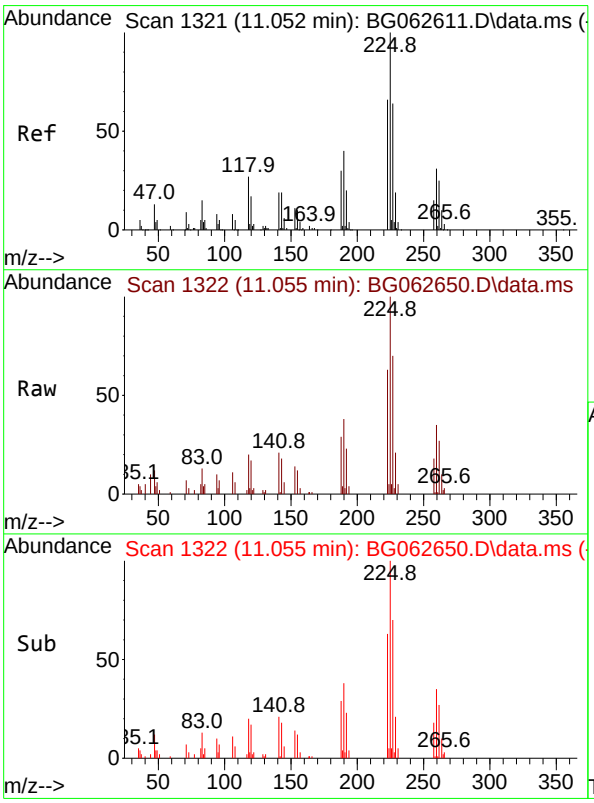

#33
4-Chloroaniline
Concen: 8.809 ng
RT: 10.867 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG062650.D
Acq: 4 Sep 2024 19:43

**Instrument :**
BNA_G
**ClientSampleId :**
LOD-MDL-WATER-01-QT2-2024

Tgt Ion:127 Resp: 37901

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 30.8 | 27.3 | 40.9 |
| 65 | 31.5 | 29.0 | 43.4 |
| 92 | 18.9 | 17.0 | 25.4 |

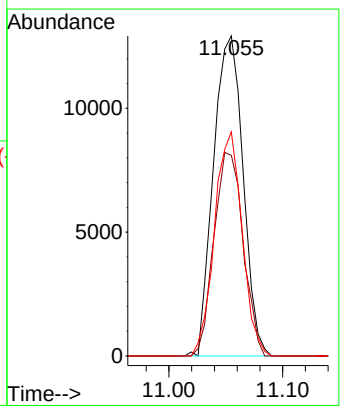


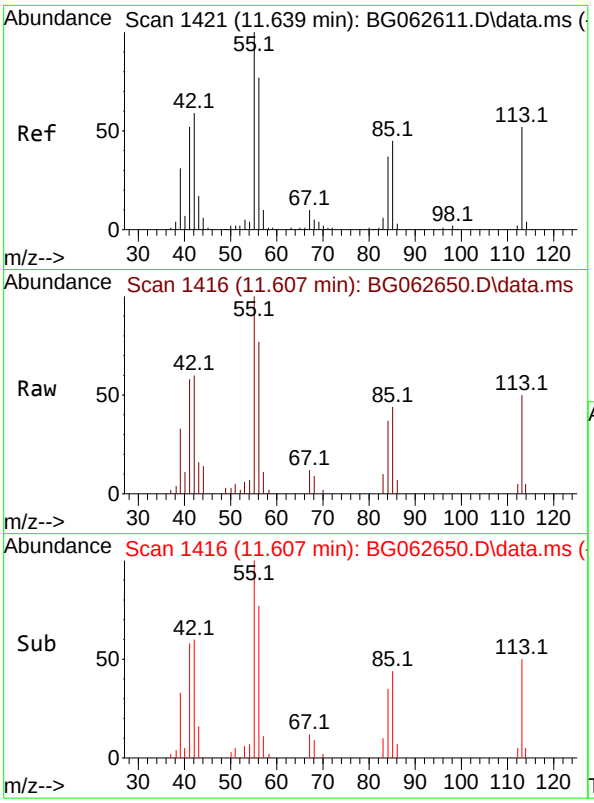




#34
Hexachlorobutadiene
Concen: 8.368 ng
RT: 11.055 min Scan# 1322
Delta R.T. 0.003 min
Lab File: BG062650.D
Acq: 4 Sep 2024 19:43

Tgt Ion:225 Resp: 23354

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 62.7 | 50.1 | 75.1 |
| 227 | 70.1 | 48.9 | 73.3 |



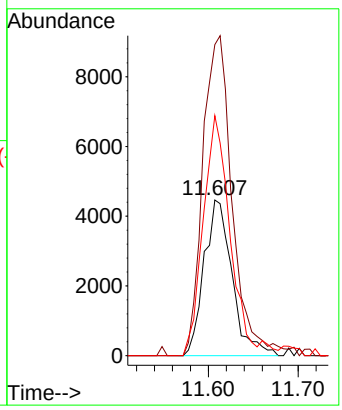


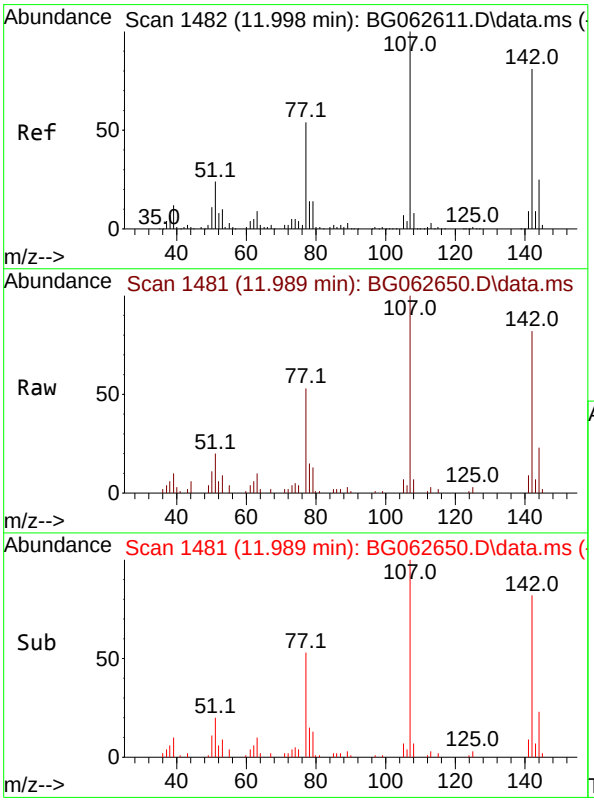

#35
Caprolactam
Concen: 7.440 ng
RT: 11.607 min Scan# 14
Delta R.T. -0.032 min
Lab File: BG062650.D
Acq: 4 Sep 2024 19:43

**Instrument :**
BNA_G
**ClientSampleId :**
LOD-MDL-WATER-01-QT2-2024

Tgt Ion:113 Resp: 9668

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 55 | 199.7 | 174.1 | 214.1 |
| 56 | 154.2 | 129.8 | 169.8 |

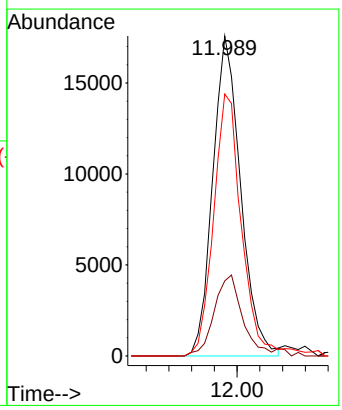


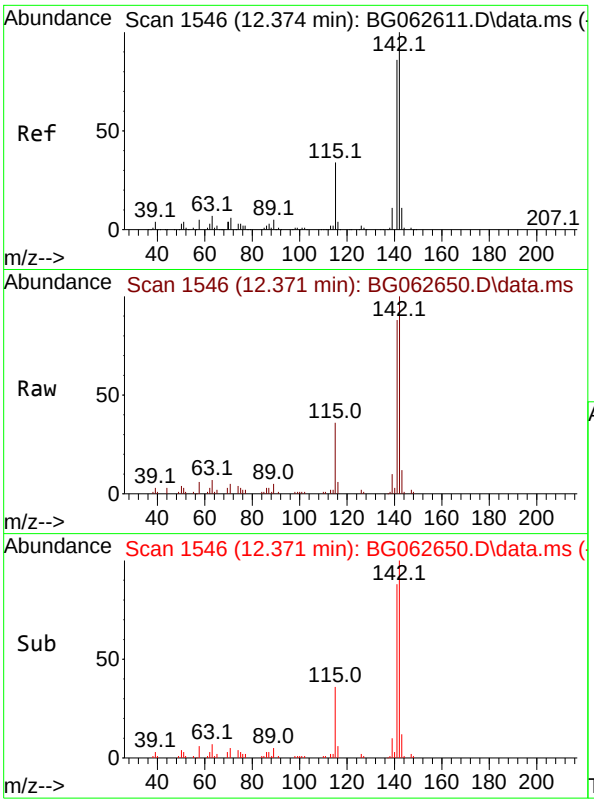




#36
4-Chloro-3-methylphenol
Concen: 7.356 ng
RT: 11.989 min Scan# 1481
Delta R.T. -0.009 min
Lab File: BG062650.D
Acq: 4 Sep 2024 19:43

Tgt Ion:107 Resp: 29910

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 23.4 | 19.8 | 29.8 |
| 142 | 81.8 | 64.7 | 97.1 |



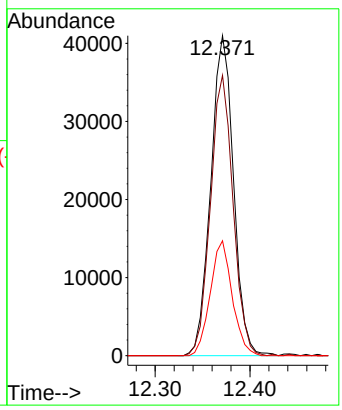


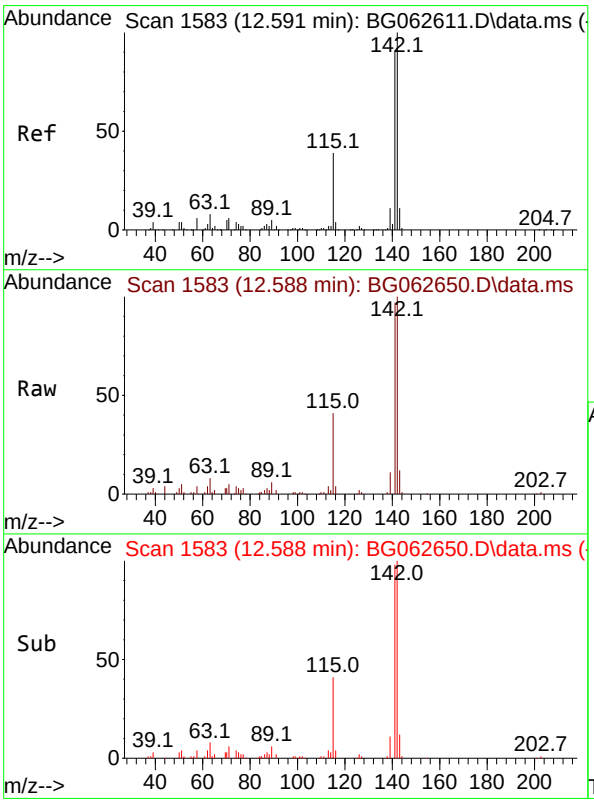

#37
2-Methylnaphthalene
Concen: 8.067 ng
RT: 12.371 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG062650.D
Acq: 4 Sep 2024 19:43

**Instrument :**
BNA_G
**ClientSampleId :**
LOD-MDL-WATER-01-QT2-2024

Tgt Ion:142 Resp: 68405

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 87.6 | 68.9 | 103.3 |
| 115 | 35.9 | 27.5 | 41.3 |

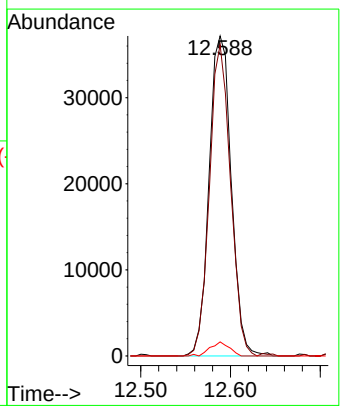


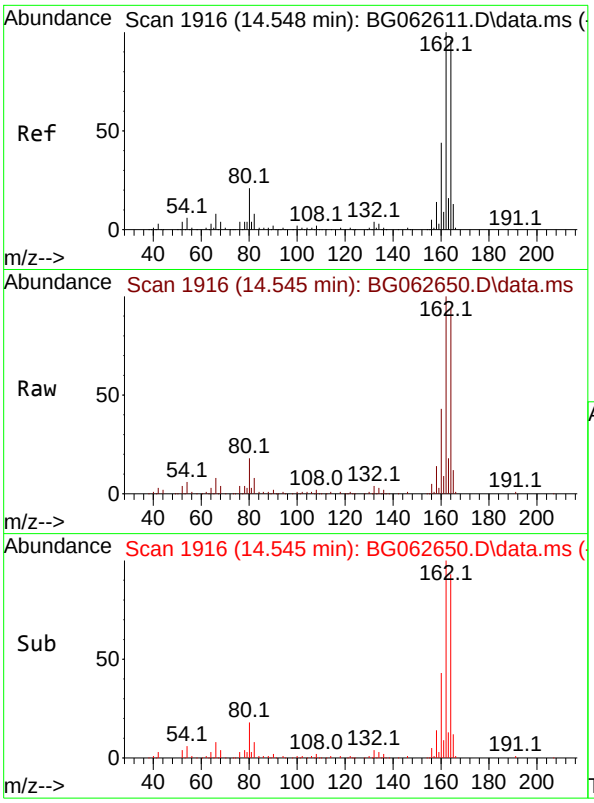




#38
1-Methylnaphthalene
Concen: 7.480 ng
RT: 12.588 min Scan# 1583
Delta R.T. -0.003 min
Lab File: BG062650.D
Acq: 4 Sep 2024 19:43

Tgt Ion:142 Resp: 63690

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 97.2 | 73.0 | 109.4 |
| 116 | 4.4 | 3.2 | 4.8 |



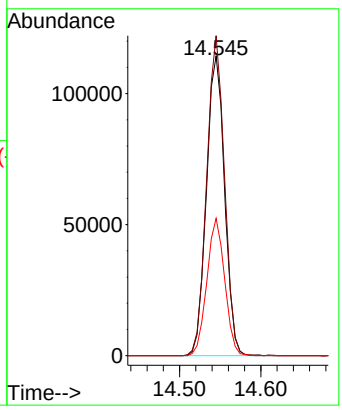


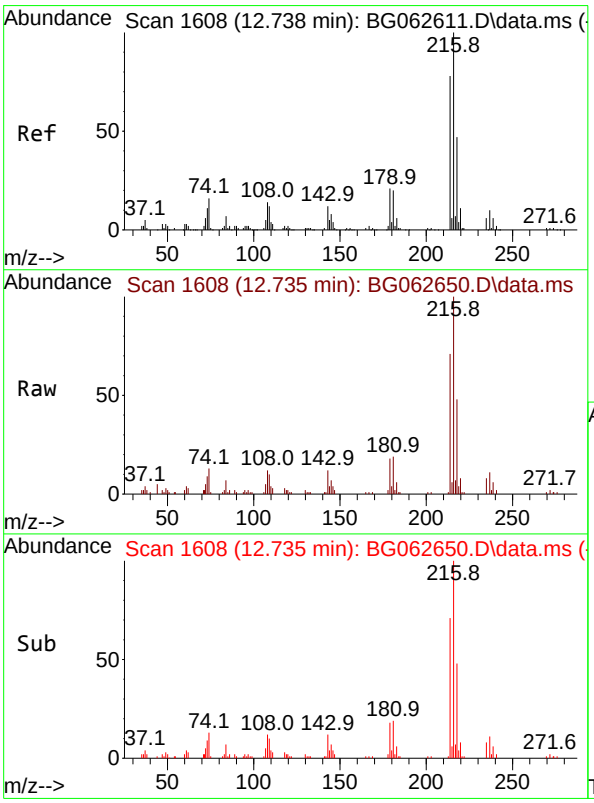

#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.545 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG062650.D
Acq: 4 Sep 2024 19:43

**Instrument :**
BNA_G
**ClientSampleId :**
LOD-MDL-WATER-01-QT2-2024

Tgt Ion:164 Resp: 176961

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 106.8 | 83.1 | 124.7 |
| 160 | 45.8 | 36.2 | 54.4 |

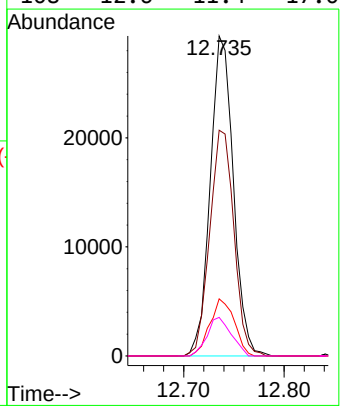


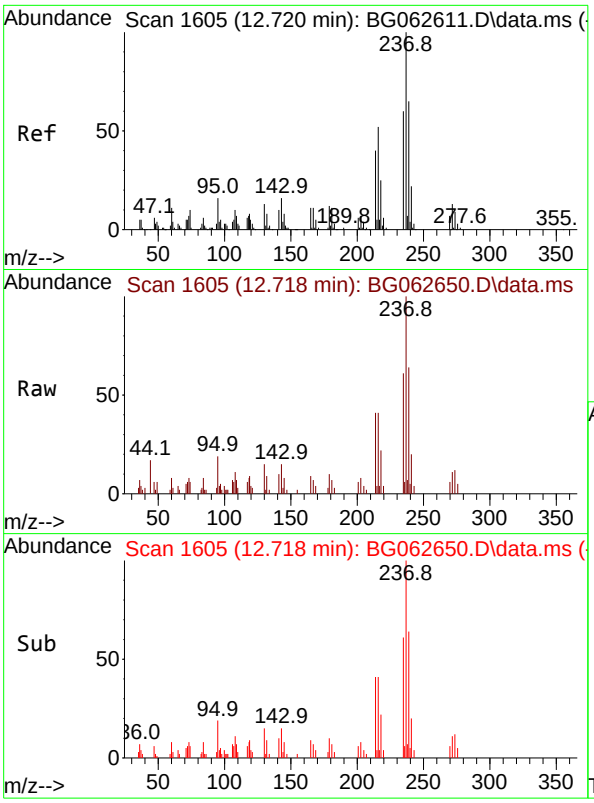




#40
1,2,4,5-Tetrachlorobenzene
Concen: 8.805 ng
RT: 12.735 min Scan# 1608
Delta R.T. -0.003 min
Lab File: BG062650.D
Acq: 4 Sep 2024 19:43

Tgt Ion:216 Resp: 46856

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 216 | 100 | | |
| 214 | 73.6 | 61.6 | 92.4 |
| 179 | 18.9 | 15.9 | 23.9 |
| 108 | 12.6 | 11.4 | 17.0 |



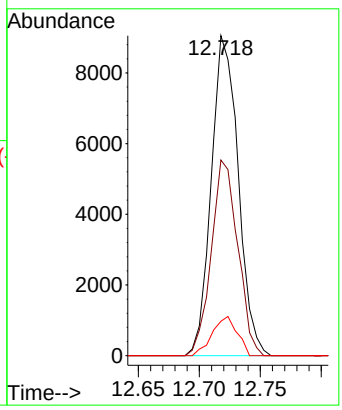


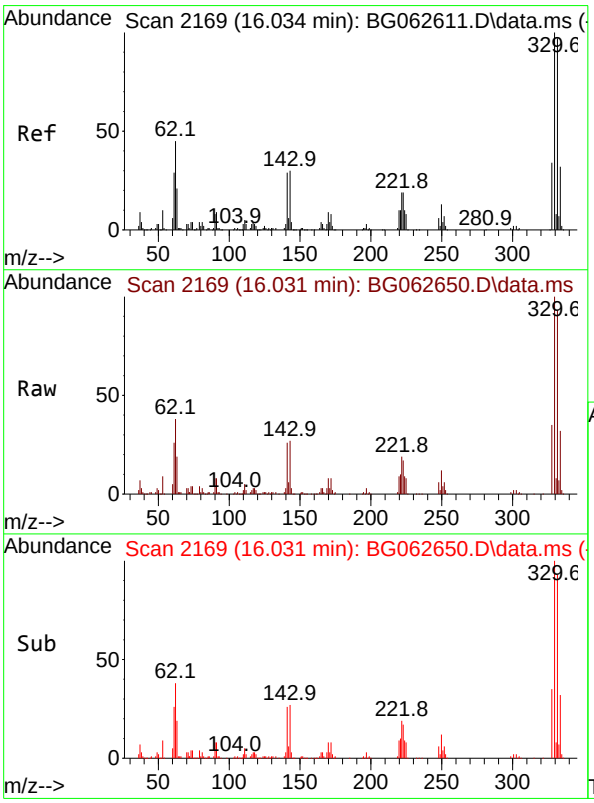

#41
Hexachlorocyclopentadiene
Concen: 9.152 ng
RT: 12.718 min Scan# 1
Delta R.T. -0.002 min
Lab File: BG062650.D
Acq: 4 Sep 2024 19:43

**Instrument :**
BNA_G
**ClientSampleId :**
LOD-MDL-WATER-01-QT2-2024

Tgt Ion:237 Resp: 13897

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 237 | 100 | | |
| 235 | 61.1 | 40.4 | 80.4 |
| 272 | 10.8 | 0.0 | 32.7 |

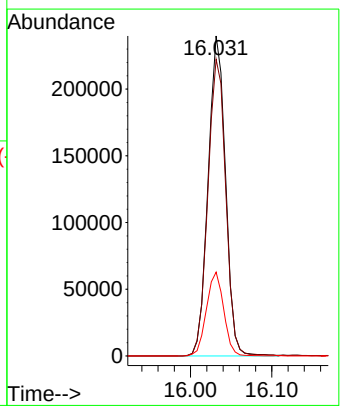


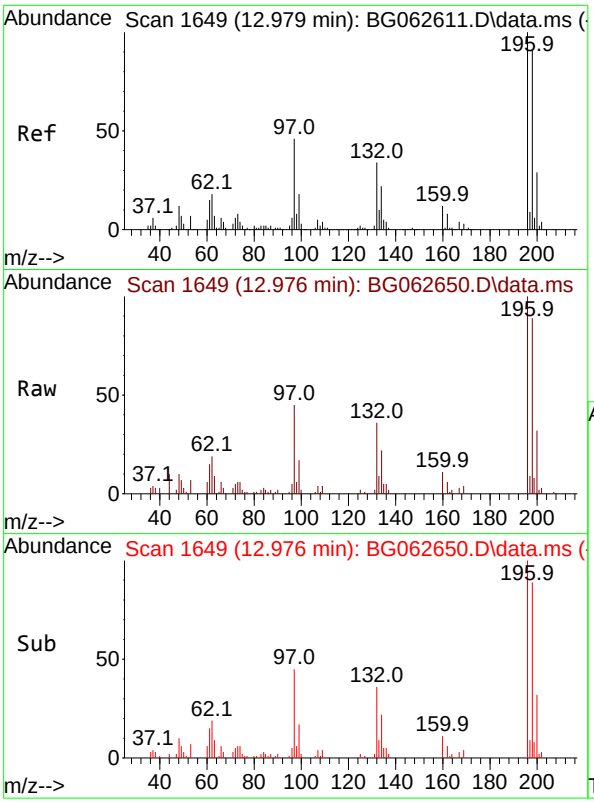




#42
2,4,6-Tribromophenol
Concen: 143.111 ng
RT: 16.031 min Scan# 2169
Delta R.T. -0.003 min
Lab File: BG062650.D
Acq: 4 Sep 2024 19:43

Tgt Ion:330 Resp: 356404

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 95.4 | 77.2 | 115.8 |
| 141 | 26.0 | 22.2 | 33.4 |



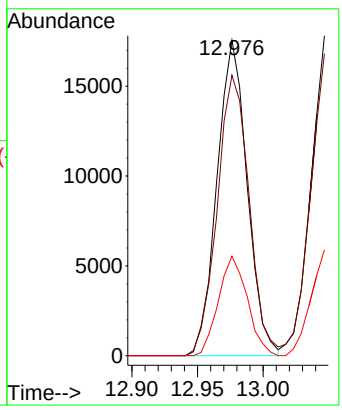


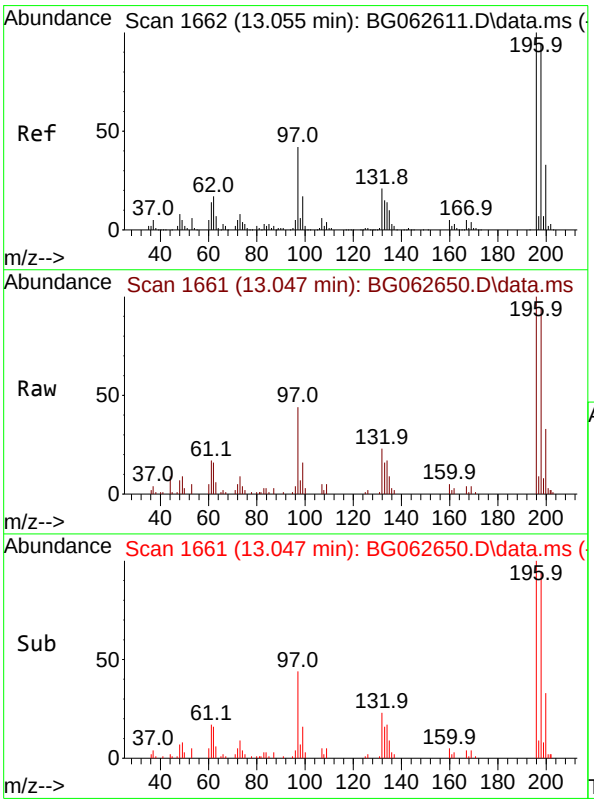

#43
2,4,6-Trichlorophenol
Concen: 8.330 ng
RT: 12.976 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG062650.D
Acq: 4 Sep 2024 19:43

**Instrument :**
BNA_G
**ClientSampleId :**
LOD-MDL-WATER-01-QT2-2024

Tgt Ion:196 Resp: 28102

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 97.0 | 72.8 | 109.2 |
| 200 | 31.5 | 23.5 | 35.3 |

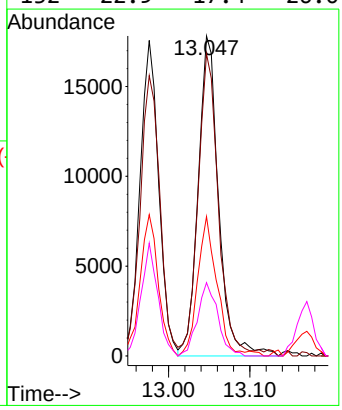


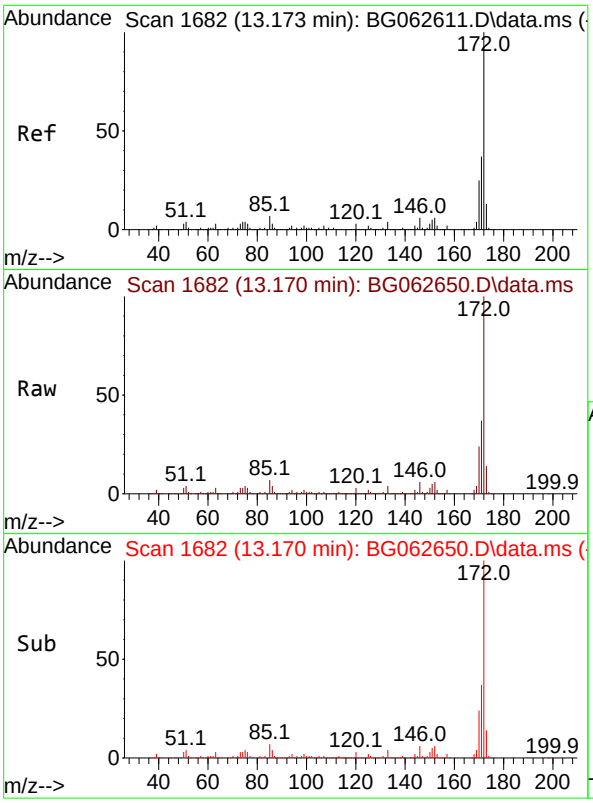




#44
2,4,5-Trichlorophenol
Concen: 8.148 ng
RT: 13.047 min Scan# 1661
Delta R.T. -0.009 min
Lab File: BG062650.D
Acq: 4 Sep 2024 19:43

Tgt Ion:196 Resp: 31130

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 94.4 | 75.5 | 113.3 |
| 97 | 43.6 | 34.1 | 51.1 |
| 132 | 22.9 | 17.4 | 26.0 |



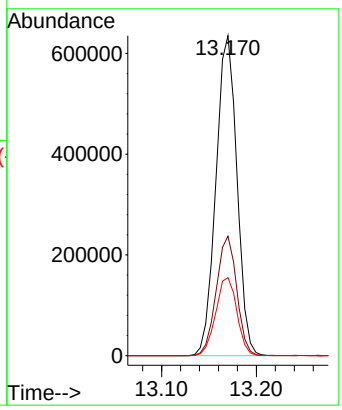


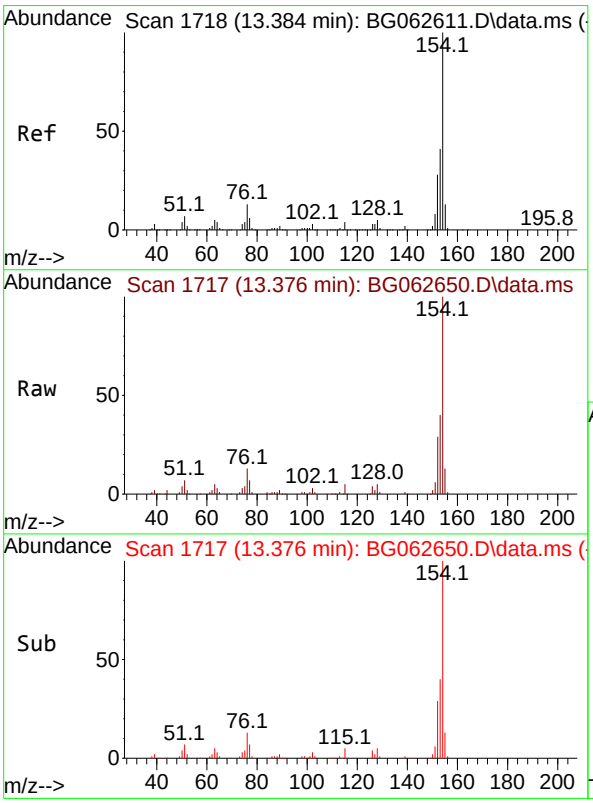

#45
2-Fluorobiphenyl
Concen: 89.553 ng
RT: 13.170 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG062650.D
Acq: 4 Sep 2024 19:43

**Instrument :**
BNA_G
**ClientSampleId :**
LOD-MDL-WATER-01-QT2-2024

Tgt Ion:172 Resp: 978358

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 37.3 | 29.7 | 44.5 |
| 170 | 24.4 | 20.0 | 30.0 |

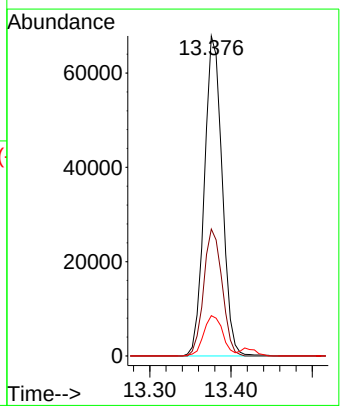


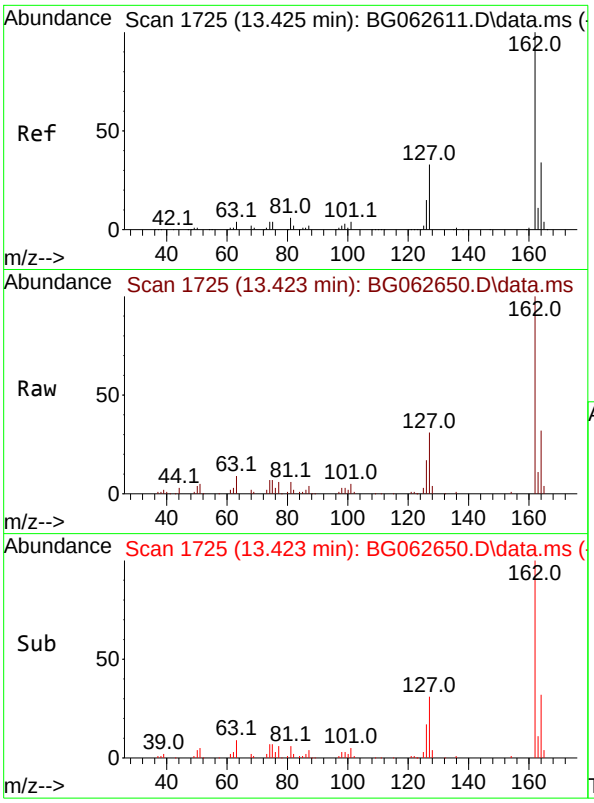




#46
1,1'-Biphenyl
Concen: 8.718 ng
RT: 13.376 min Scan# 1717
Delta R.T. -0.009 min
Lab File: BG062650.D
Acq: 4 Sep 2024 19:43

Tgt Ion:154 Resp: 102922

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 39.7 | 20.8 | 60.8 |
| 76 | 12.6 | 0.0 | 33.4 |



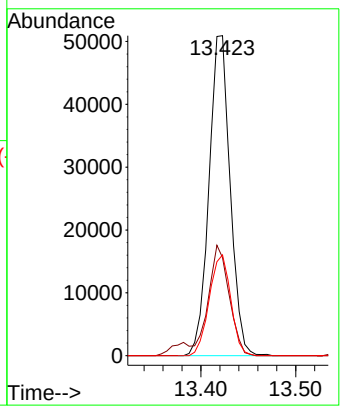


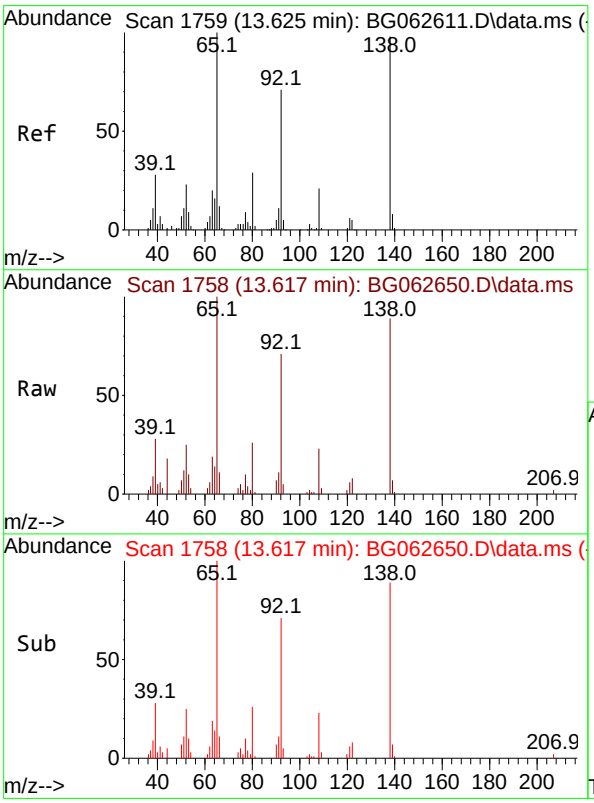

#47
2-Chloronaphthalene
Concen: 8.260 ng
RT: 13.423 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG062650.D
Acq: 4 Sep 2024 19:43

**Instrument :**
BNA_G
**ClientSampleId :**
LOD-MDL-WATER-01-QT2-2024

Tgt Ion:162 Resp: 79033

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 127 | 30.6 | 28.7 | 43.1 |
| 164 | 31.5 | 26.9 | 40.3 |

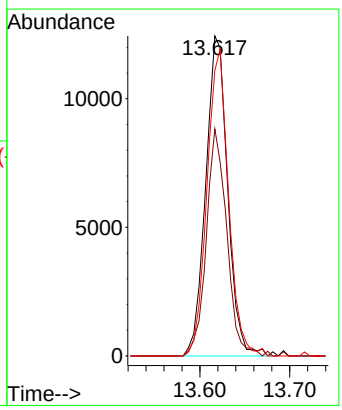


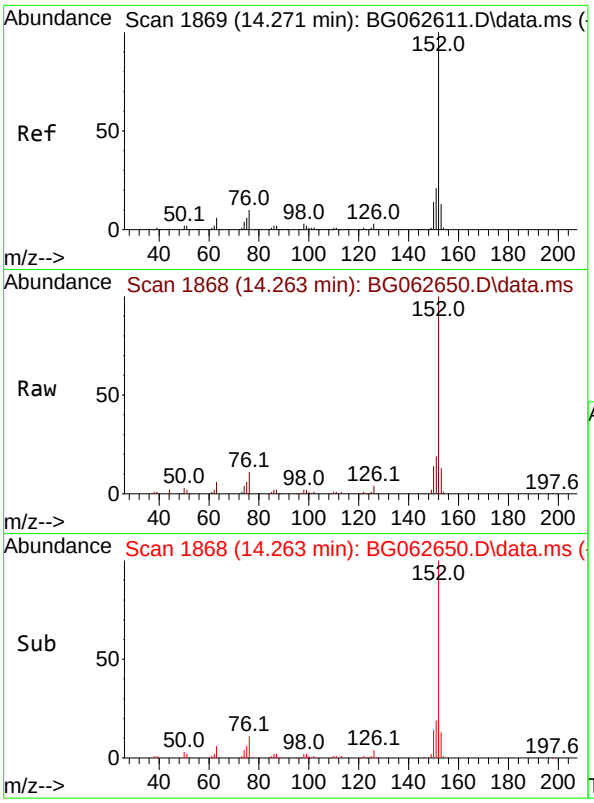




#48
2-Nitroaniline
Concen: 8.386 ng
RT: 13.617 min Scan# 1758
Delta R.T. -0.009 min
Lab File: BG062650.D
Acq: 4 Sep 2024 19:43

Tgt Ion: 65 Resp: 21105

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 70.9 | 56.6 | 84.8 |
| 138 | 89.2 | 78.7 | 118.1 |





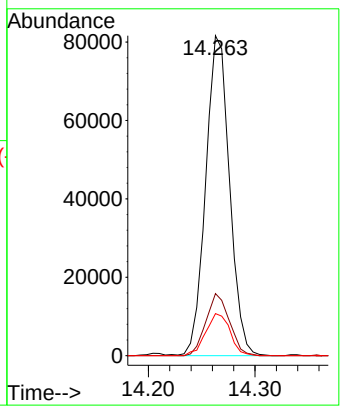

#49
Acenaphthylene
Concen: 8.925 ng
RT: 14.263 min Scan# 1

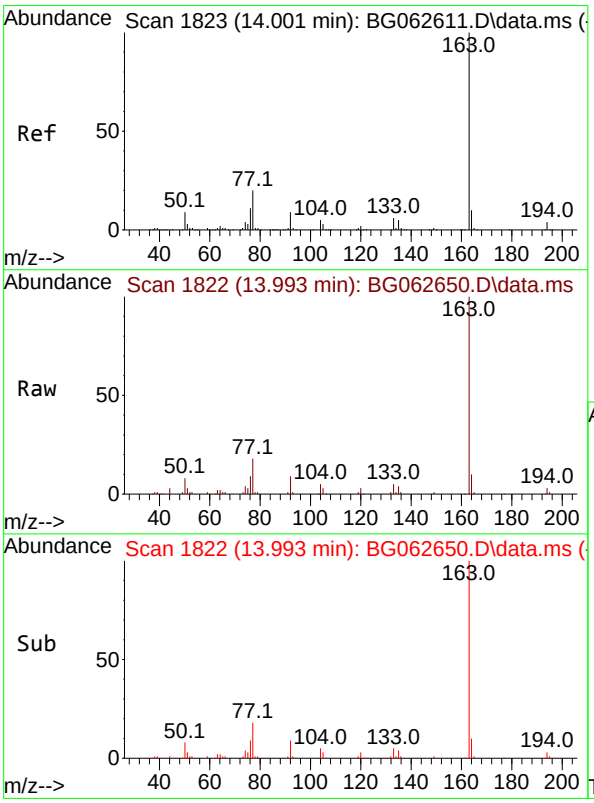
**Instrument :**
BNA_G
**ClientSampleId :**
LOD-MDL-WATER-01-QT2-2024

Delta R.T. -0.009 min
Lab File: BG062650.D
Acq: 4 Sep 2024 19:43

Tgt Ion:152 Resp: 126453

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 19.4 | 16.6 | 24.8 |
| 153 | 13.2 | 10.2 | 15.4 |

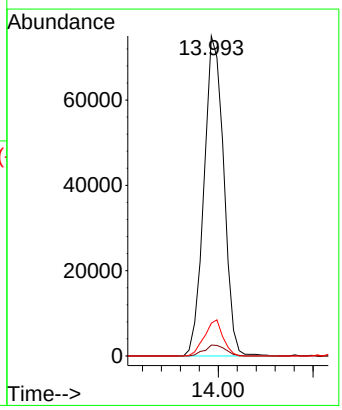


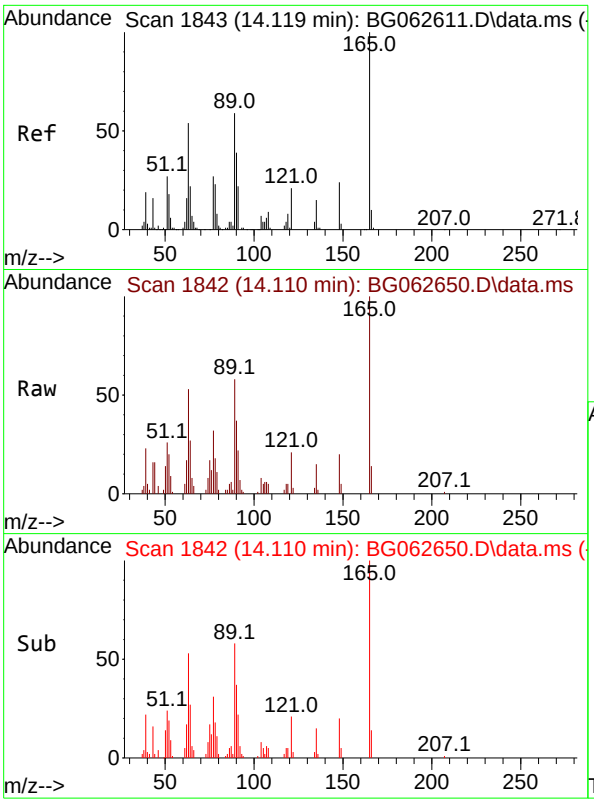




#50
Dimethylphthalate
Concen: 8.352 ng
RT: 13.993 min Scan# 1822
Delta R.T. -0.009 min
Lab File: BG062650.D
Acq: 4 Sep 2024 19:43

Tgt Ion:163 Resp: 108069

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 3.4 | 2.9 | 4.3 |
| 164 | 10.2 | 8.3 | 12.5 |



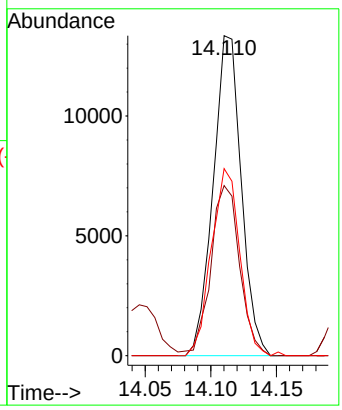


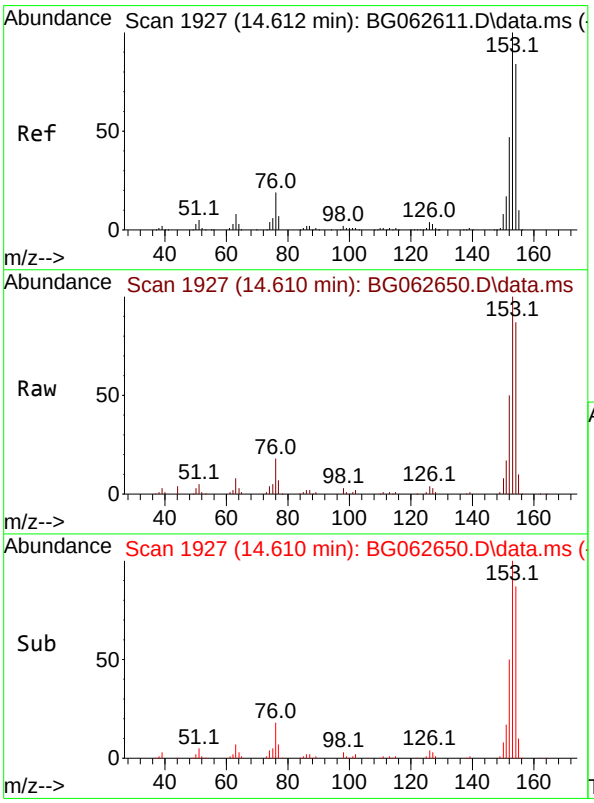

#51
2,6-Dinitrotoluene
Concen: 8.135 ng
RT: 14.110 min Scan# 1
Delta R.T. -0.009 min
Lab File: BG062650.D
Acq: 4 Sep 2024 19:43

**Instrument :**
BNA_G
**ClientSampleId :**
LOD-MDL-WATER-01-QT2-2024

Tgt Ion:165 Resp: 19910

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 53.1 | 46.6 | 69.8 |
| 89 | 58.5 | 47.2 | 70.8 |

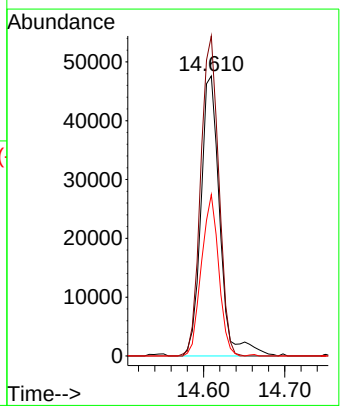


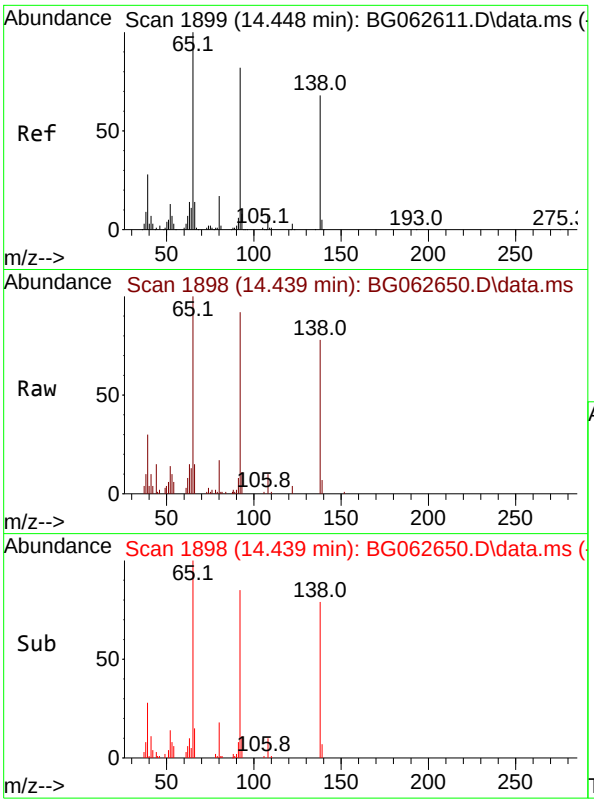




#52
Acenaphthene
Concen: 8.669 ng
RT: 14.610 min Scan# 1927
Delta R.T. -0.003 min
Lab File: BG062650.D
Acq: 4 Sep 2024 19:43

Tgt Ion:154 Resp: 76789

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 114.3 | 95.0 | 142.4 |
| 152 | 57.6 | 45.0 | 67.6 |



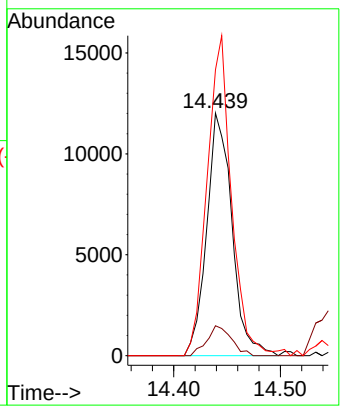


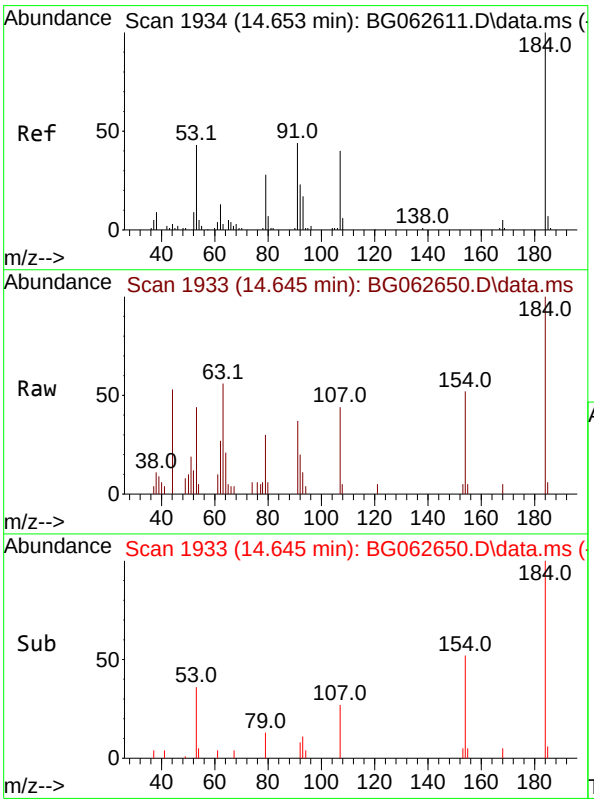

#53
3-Nitroaniline
Concen: 8.360 ng
RT: 14.439 min Scan# 1
Delta R.T. -0.009 min
Lab File: BG062650.D
Acq: 4 Sep 2024 19:43

**Instrument :**
BNA_G
**ClientSampleId :**
LOD-MDL-WATER-01-QT2-2024

Tgt Ion:138 Resp: 19798

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 108 | 12.4 | 8.6 | 13.0 |
| 92 | 117.9 | 95.7 | 143.5 |

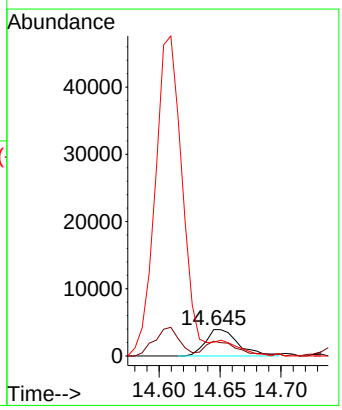


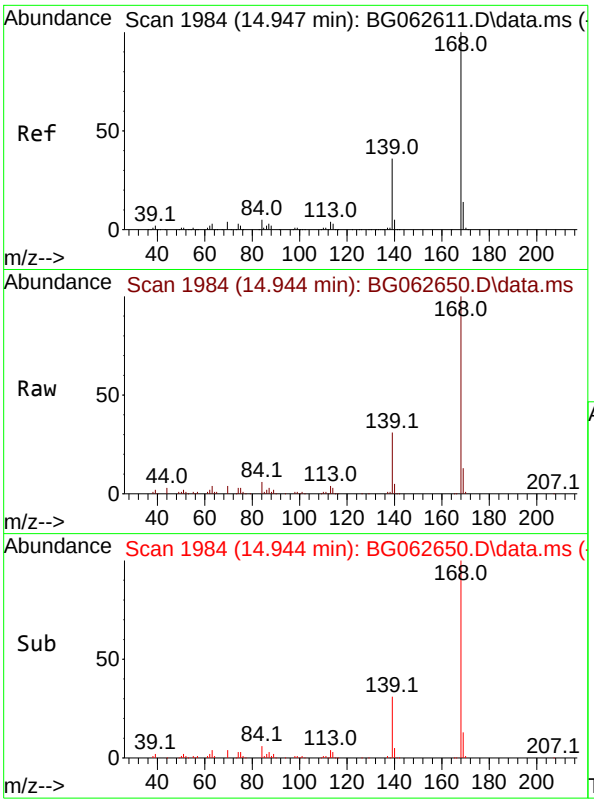




#54
2,4-Dinitrophenol
Concen: 5.371 ng
RT: 14.645 min Scan# 1933
Delta R.T. -0.008 min
Lab File: BG062650.D
Acq: 4 Sep 2024 19:43

Tgt Ion:184 Resp: 7377

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 55.6 | 49.0 | 73.4 |
| 154 | 52.2 | 50.5 | 75.7 |



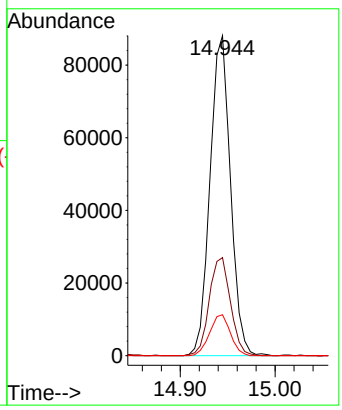


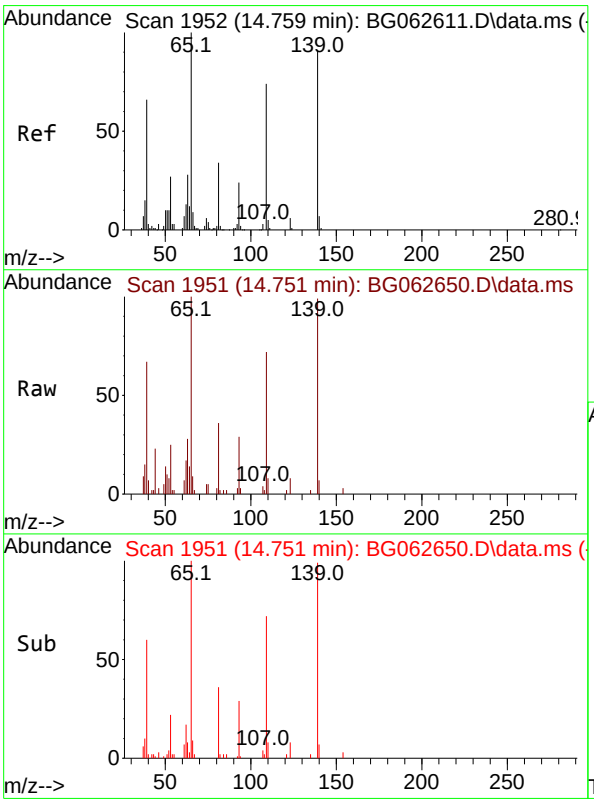

#55
Dibenzofuran
Concen: 8.709 ng
RT: 14.944 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG062650.D
Acq: 4 Sep 2024 19:43

**Instrument :**
BNA_G
**ClientSampleId :**
LOD-MDL-WATER-01-QT2-2024

Tgt Ion:168 Resp: 132297

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 30.7 | 28.6 | 42.8 |
| 169 | 12.8 | 11.0 | 16.6 |

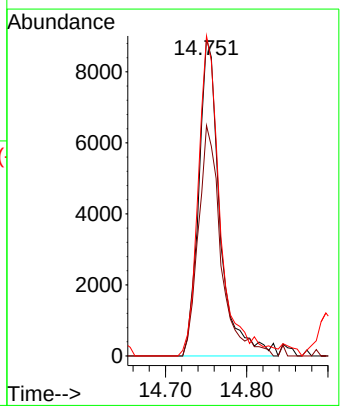


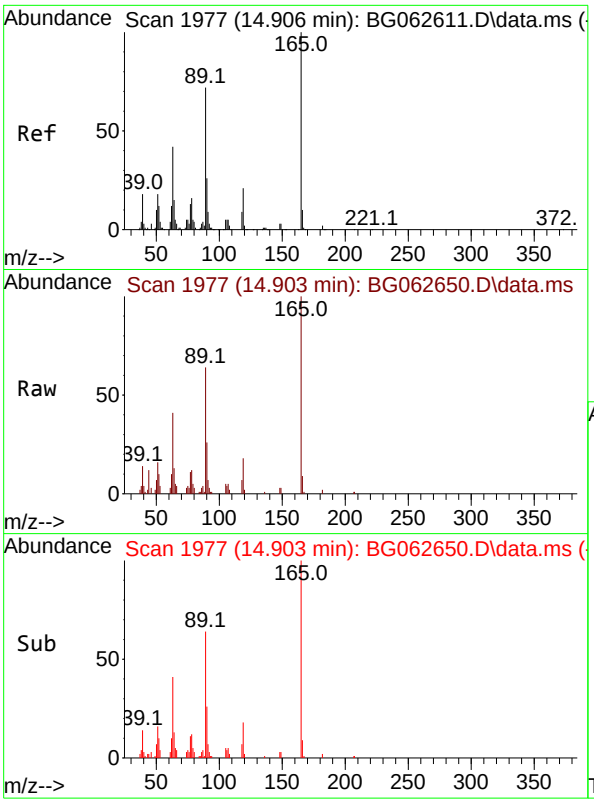




#56
4-Nitrophenol
Concen: 8.043 ng
RT: 14.751 min Scan# 1951
Delta R.T. -0.009 min
Lab File: BG062650.D
Acq: 4 Sep 2024 19:43

Tgt Ion:139 Resp: 16142

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 72.7 | 61.2 | 101.2 |
| 65 | 101.0 | 90.2 | 130.2 |



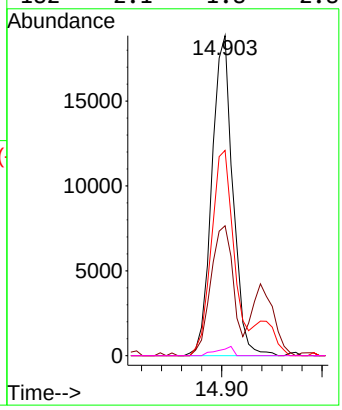


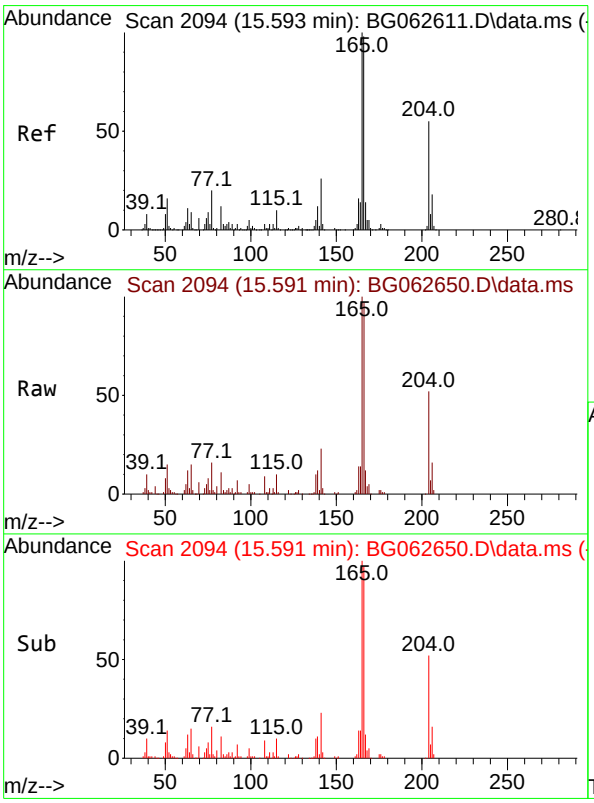

#57
2,4-Dinitrotoluene
Concen: 8.201 ng
RT: 14.903 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG062650.D
Acq: 4 Sep 2024 19:43

**Instrument :**
BNA_G
**ClientSampleId :**
LOD-MDL-WATER-01-QT2-2024

Tgt Ion:165 Resp: 27388

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 40.6 | 33.8 | 50.6 |
| 89 | 64.2 | 57.9 | 86.9 |
| 182 | 2.1 | 1.8 | 2.8 |

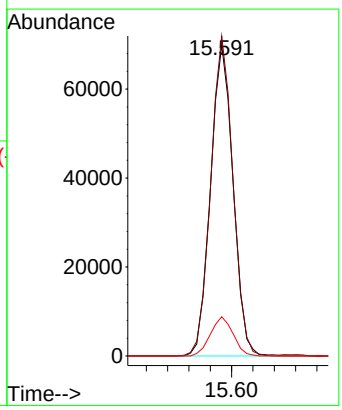


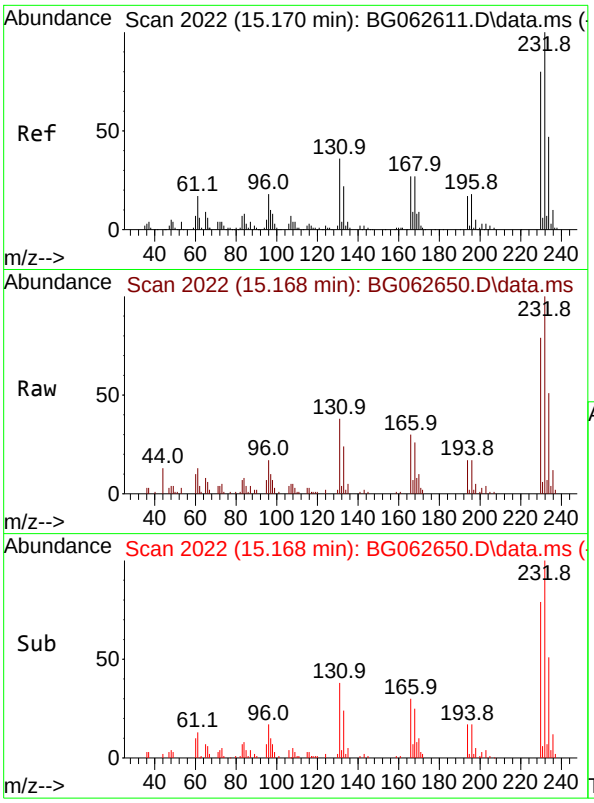




#58
Fluorene
Concen: 8.591 ng
RT: 15.591 min Scan# 2094
Delta R.T. -0.003 min
Lab File: BG062650.D
Acq: 4 Sep 2024 19:43

Tgt Ion:166 Resp: 102416

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 102.9 | 82.0 | 123.0 |
| 167 | 12.6 | 11.3 | 16.9 |



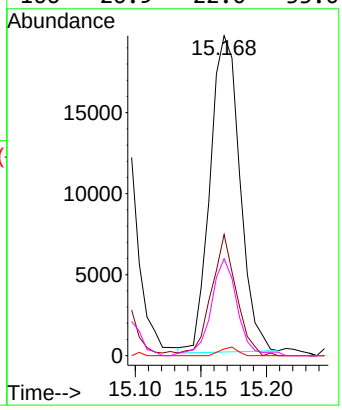


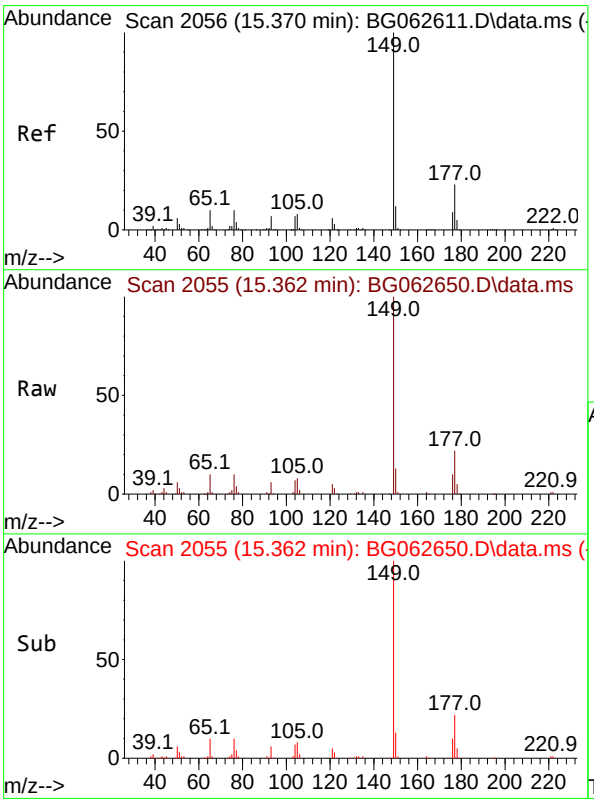

#59
2,3,4,6-Tetrachlorophenol
Concen: 8.519 ng
RT: 15.168 min Scan# 2
Delta R.T. -0.003 min
Lab File: BG062650.D
Acq: 4 Sep 2024 19:43

**Instrument :**
BNA_G
**ClientSampleId :**
LOD-MDL-WATER-01-QT2-2024

Tgt Ion:232 Resp: 30832

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 232 | 100 | | |
| 131 | 32.1 | 28.3 | 42.5 |
| 130 | 1.6 | 1.7 | 2.5# |
| 166 | 26.9 | 22.0 | 33.0 |

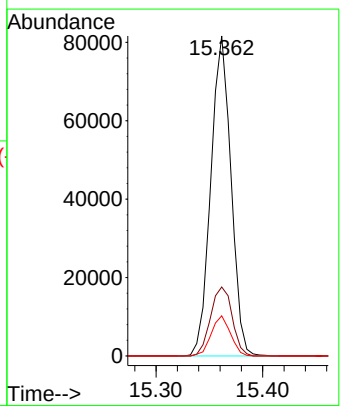


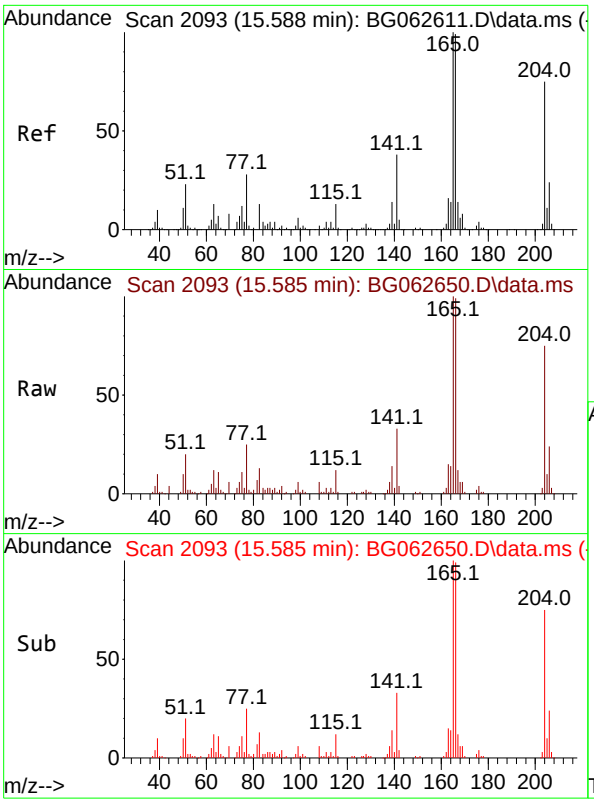




#60
Diethylphthalate
Concen: 8.364 ng
RT: 15.362 min Scan# 2055
Delta R.T. -0.009 min
Lab File: BG062650.D
Acq: 4 Sep 2024 19:43

Tgt Ion:149 Resp: 107270

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 21.6 | 18.0 | 27.0 |
| 150 | 12.5 | 9.8 | 14.8 |



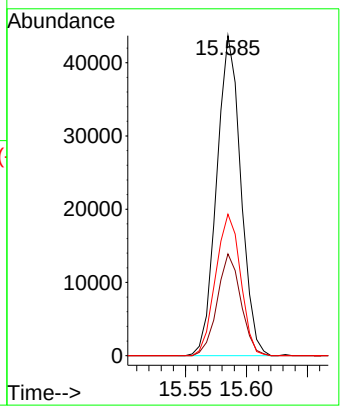


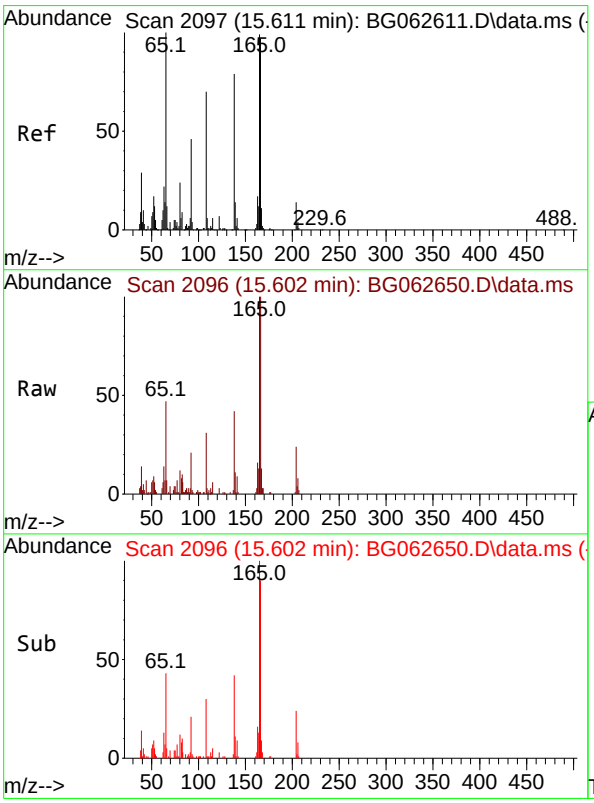

#61
4-Chlorophenyl-phenylether
Concen: 8.790 ng
RT: 15.585 min Scan# 2
Delta R.T. -0.003 min
Lab File: BG062650.D
Acq: 4 Sep 2024 19:43

**Instrument :**
BNA_G
**ClientSampleId :**
LOD-MDL-WATER-01-QT2-2024

Tgt Ion:204 Resp: 60160

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 204 | 100 | | |
| 206 | 31.8 | 25.9 | 38.9 |
| 141 | 44.2 | 41.0 | 61.6 |

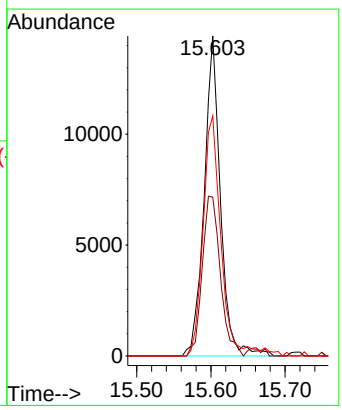


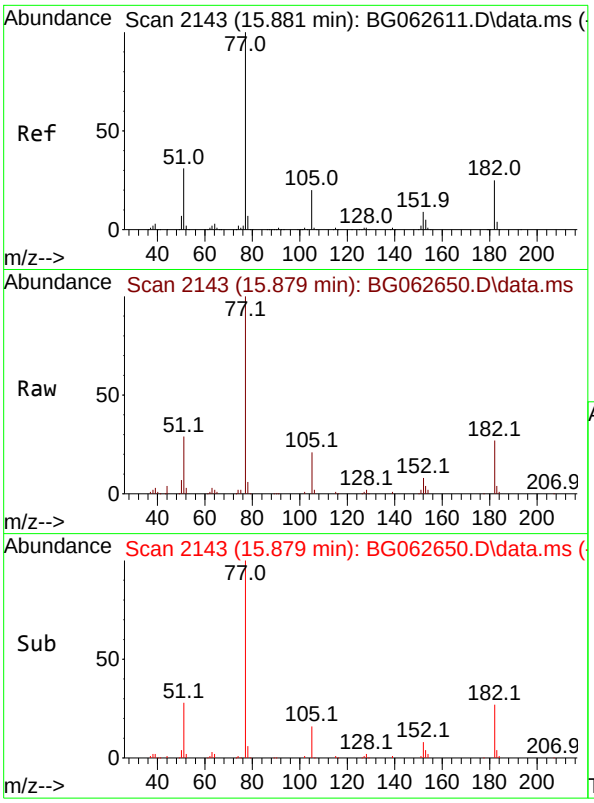




#62
4-Nitroaniline
Concen: 8.458 ng
RT: 15.602 min Scan# 2096
Delta R.T. -0.009 min
Lab File: BG062650.D
Acq: 4 Sep 2024 19:43

Tgt Ion:138 Resp: 22087

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 49.7 | 38.4 | 78.4 |
| 108 | 75.0 | 69.0 | 109.0 |



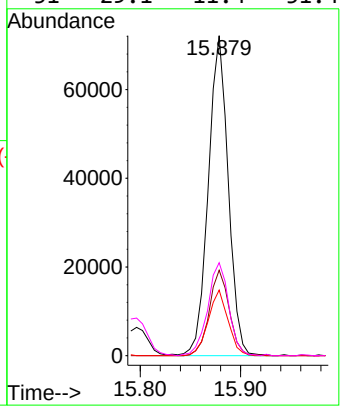


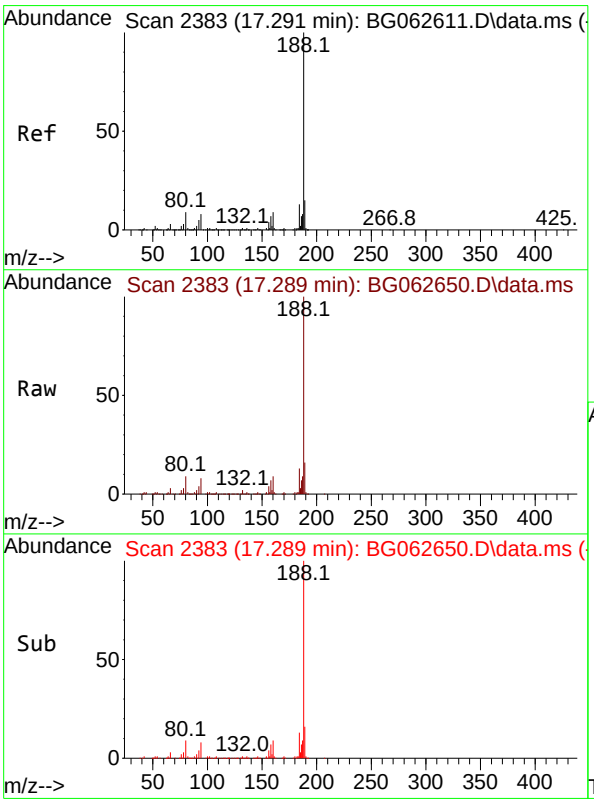

#63
Azobenzene
Concen: 8.270 ng
RT: 15.879 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG062650.D
Acq: 4 Sep 2024 19:43

**Instrument :**
BNA_G
**ClientSampleId :**
LOD-MDL-WATER-01-QT2-2024

Tgt Ion: 77 Resp: 99597

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 26.7 | 5.0 | 45.0 |
| 105 | 20.5 | 0.5 | 40.5 |
| 51 | 29.1 | 11.4 | 51.4 |

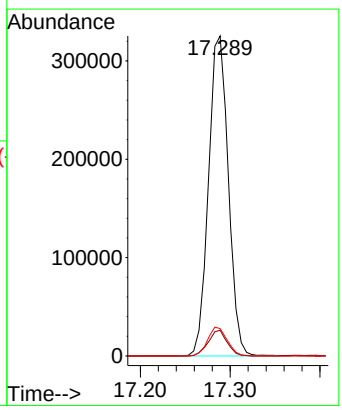


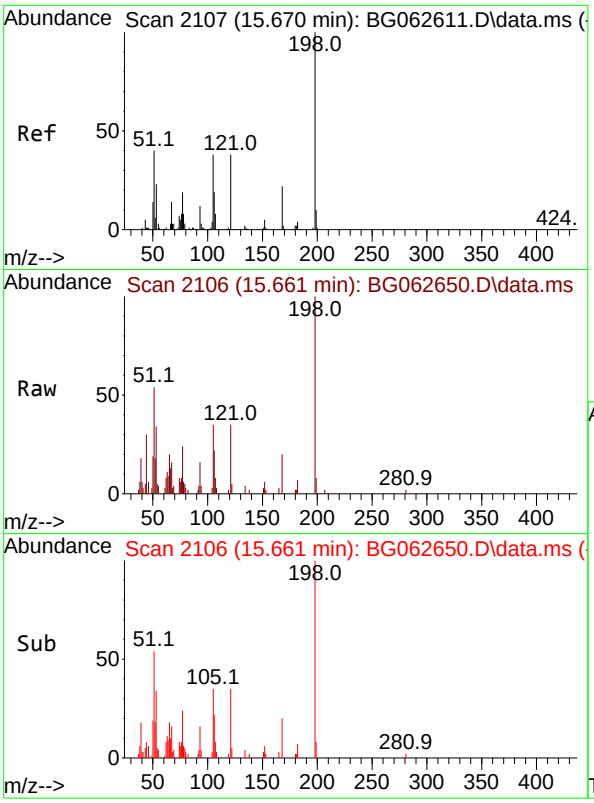




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.289 min Scan# 2383
Delta R.T. -0.003 min
Lab File: BG062650.D
Acq: 4 Sep 2024 19:43

Tgt Ion:188 Resp: 498391

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 8.0 | 6.3 | 9.5 |
| 80 | 8.6 | 7.0 | 10.4 |



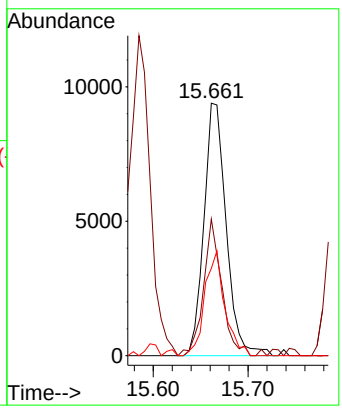


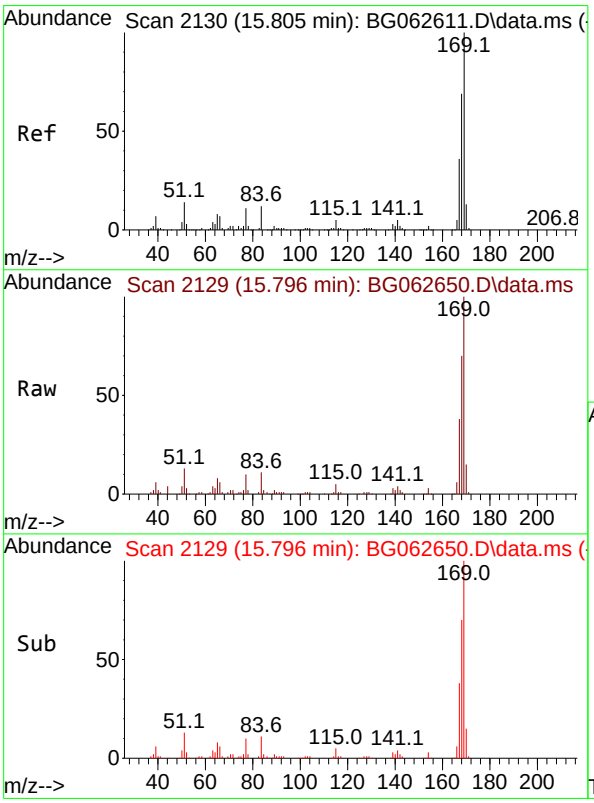

#65
4,6-Dinitro-2-methylphenol
Concen: 6.886 ng
RT: 15.661 min Scan# 21
Delta R.T. -0.009 min
Lab File: BG062650.D
Acq: 4 Sep 2024 19:43

**Instrument :**
BNA_G
**ClientSampleId :**
LOD-MDL-WATER-01-QT2-2024

Tgt Ion:198 Resp: 15315

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 54.1 | 25.1 | 65.1 |
| 105 | 34.6 | 18.3 | 58.3 |

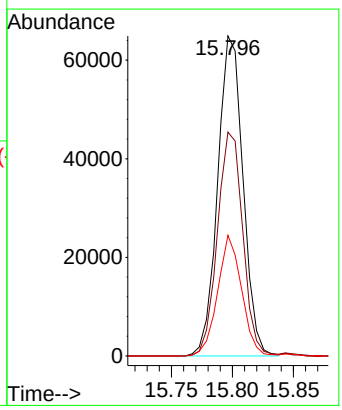


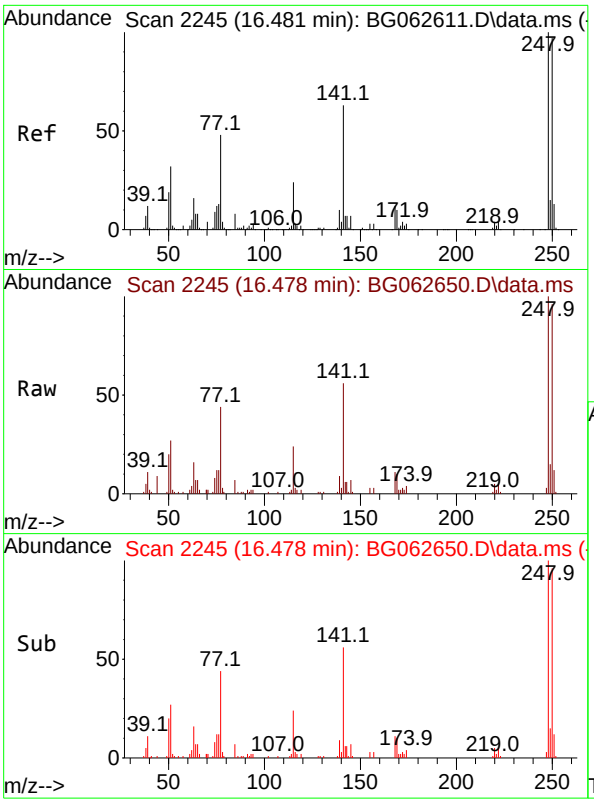




#66
n-Nitrosodiphenylamine
Concen: 7.830 ng
RT: 15.796 min Scan# 2129
Delta R.T. -0.009 min
Lab File: BG062650.D
Acq: 4 Sep 2024 19:43

Tgt Ion:169 Resp: 93818

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 69.9 | 55.4 | 83.2 |
| 167 | 37.7 | 29.0 | 43.6 |



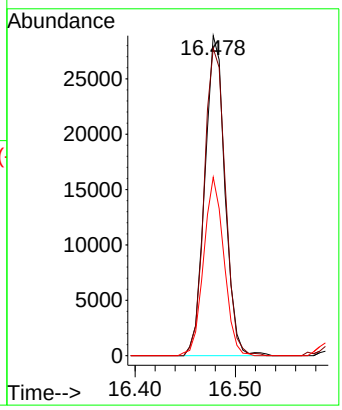


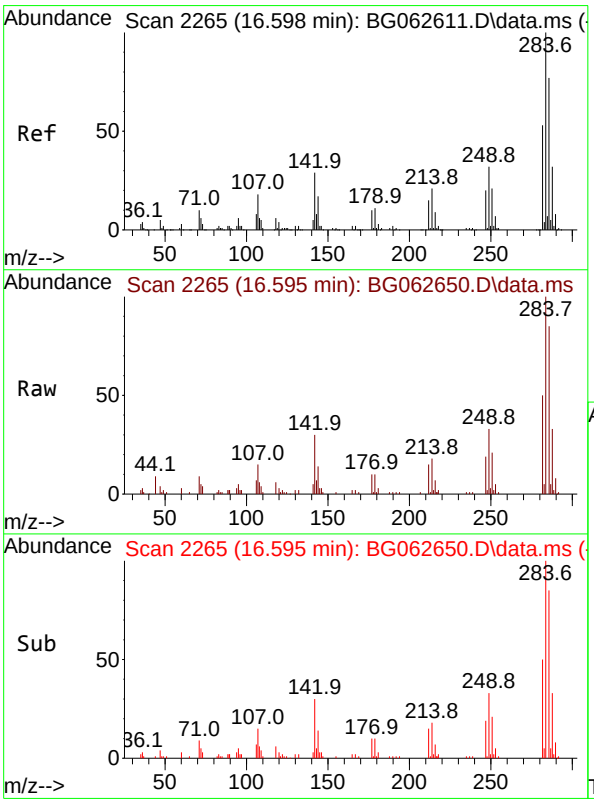

#67
4-Bromophenyl-phenylether
Concen: 7.843 ng
RT: 16.478 min Scan# 2
Delta R.T. -0.003 min
Lab File: BG062650.D
Acq: 4 Sep 2024 19:43

**Instrument :**
BNA_G
**ClientSampleId :**
LOD-MDL-WATER-01-QT2-2024

Tgt Ion:248 Resp: 40340

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 96.0 | 77.9 | 116.9 |
| 141 | 55.8 | 50.2 | 75.2 |

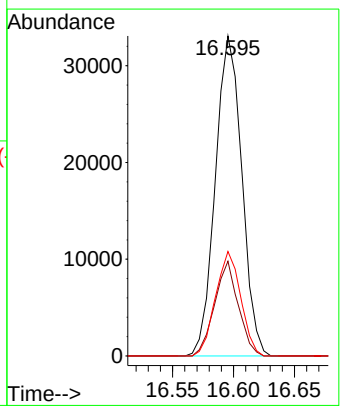


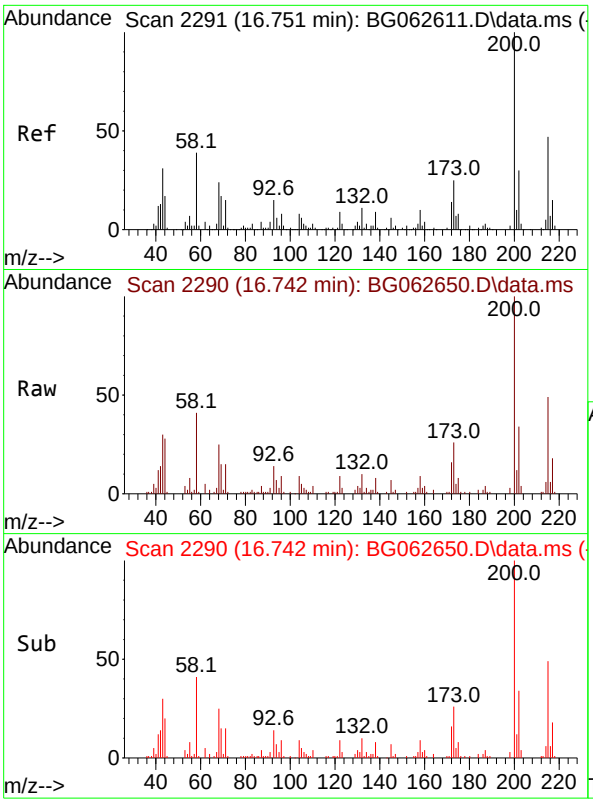




#68
Hexachlorobenzene
Concen: 8.208 ng
RT: 16.595 min Scan# 2265
Delta R.T. -0.003 min
Lab File: BG062650.D
Acq: 4 Sep 2024 19:43

Tgt Ion:284 Resp: 50003

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 29.6 | 23.5 | 35.3 |
| 249 | 35.3 | 25.4 | 38.0 |



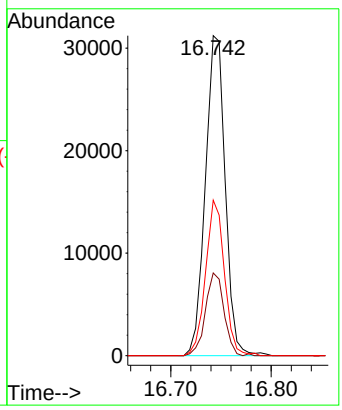


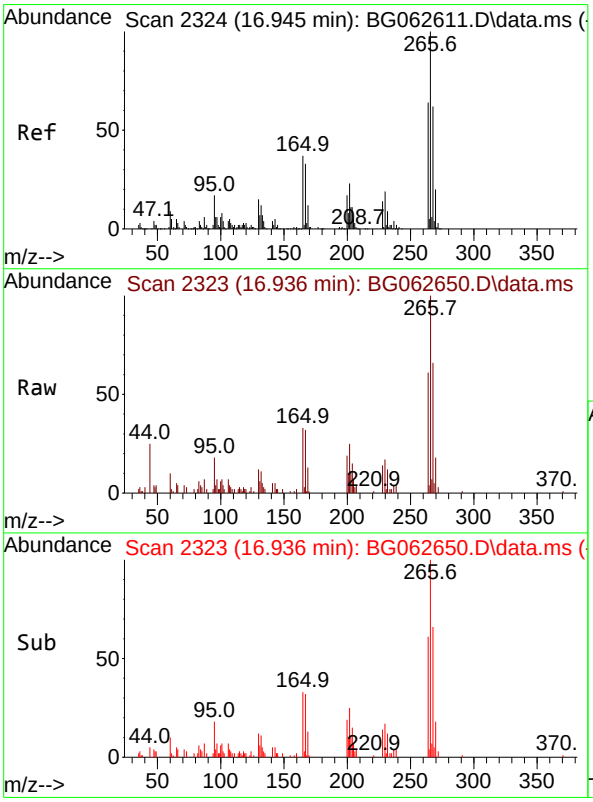

#69
Atrazine
Concen: 10.565 ng
RT: 16.742 min Scan# 2
Delta R.T. -0.009 min
Lab File: BG062650.D
Acq: 4 Sep 2024 19:43

**Instrument :**
BNA_G
**ClientSampleId :**
LOD-MDL-WATER-01-QT2-2024

Tgt Ion:200 Resp: 42997

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 25.8 | 5.2 | 45.2 |
| 215 | 48.6 | 27.3 | 67.3 |

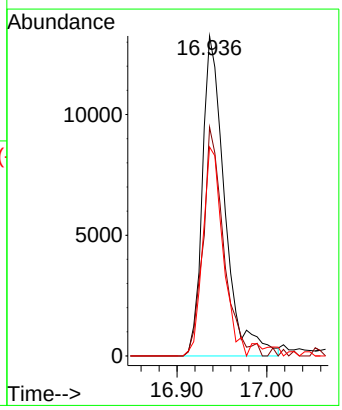


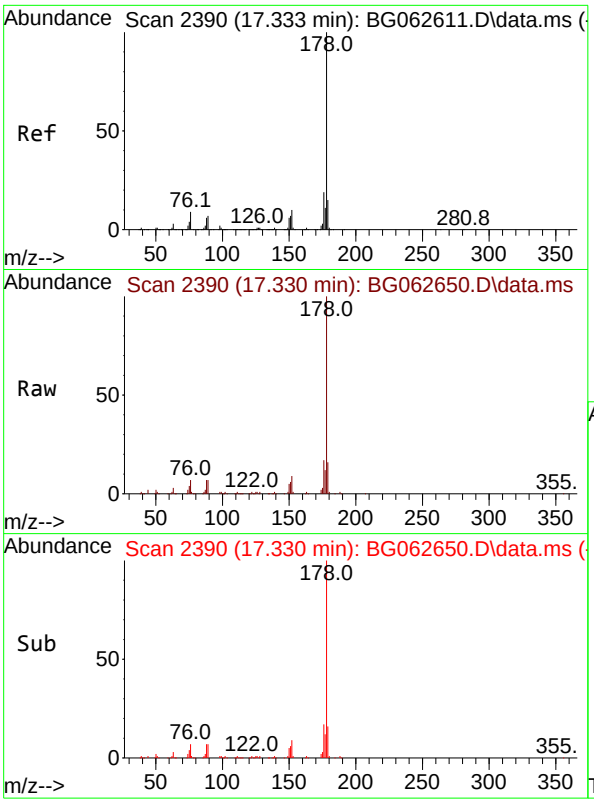




#70
Pentachlorophenol
Concen: 5.865 ng
RT: 16.936 min Scan# 2323
Delta R.T. -0.009 min
Lab File: BG062650.D
Acq: 4 Sep 2024 19:43

Tgt Ion:266 Resp: 22885

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 71.5 | 52.6 | 79.0 |
| 264 | 65.3 | 51.6 | 77.4 |



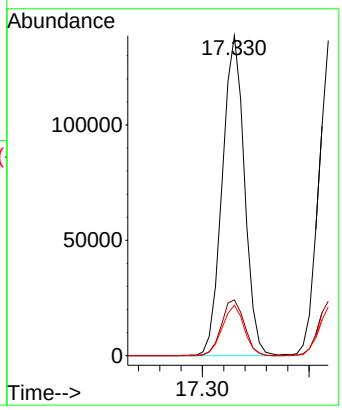


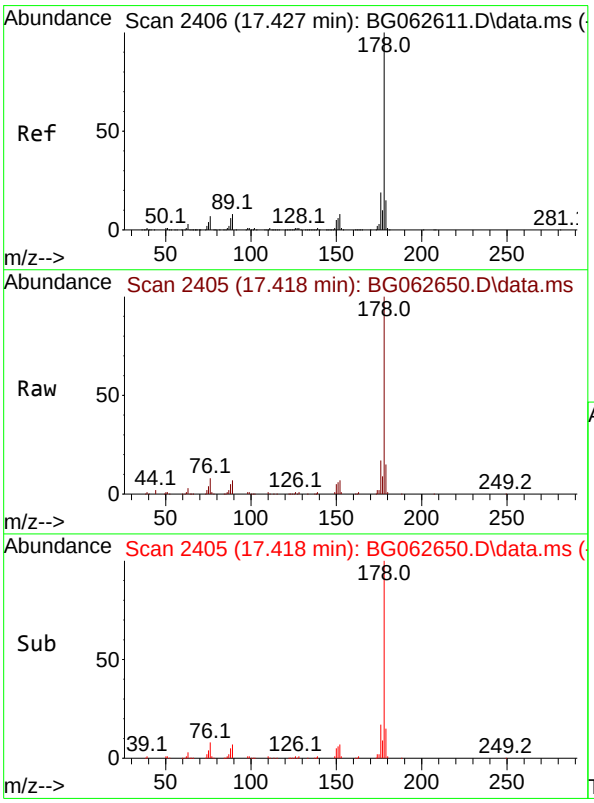

#71
Phenanthrene
Concen: 8.591 ng
RT: 17.330 min Scan# 2
Delta R.T. -0.003 min
Lab File: BG062650.D
Acq: 4 Sep 2024 19:43

**Instrument :**
BNA_G
**ClientSampleId :**
LOD-MDL-WATER-01-QT2-2024

Tgt Ion:178 Resp: 199861

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 17.5 | 15.4 | 23.0 |
| 179 | 15.7 | 12.2 | 18.4 |

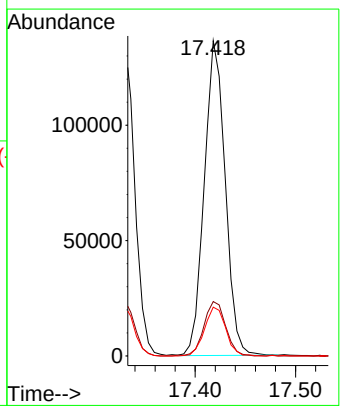


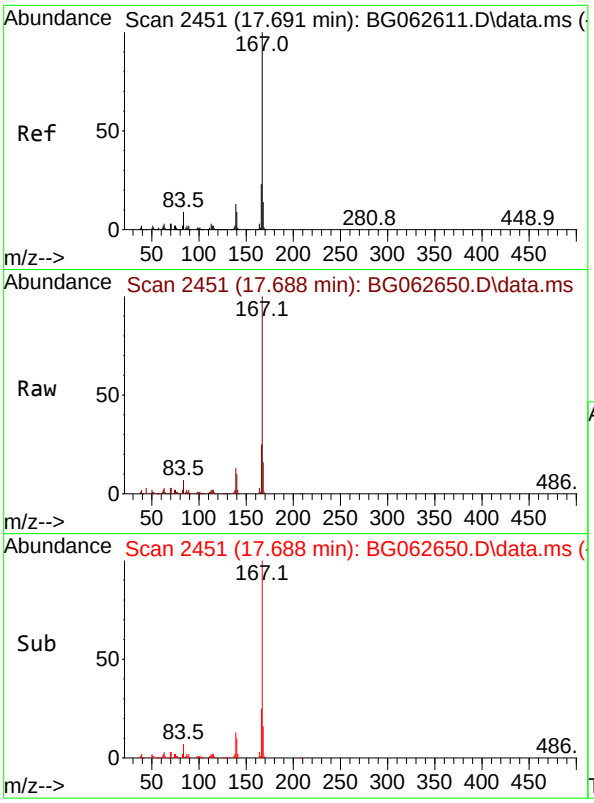




#72
Anthracene
Concen: 8.663 ng
RT: 17.418 min Scan# 2405
Delta R.T. -0.009 min
Lab File: BG062650.D
Acq: 4 Sep 2024 19:43

Tgt Ion:178 Resp: 198154

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 17.3 | 15.2 | 22.8 |
| 179 | 15.5 | 12.0 | 18.0 |



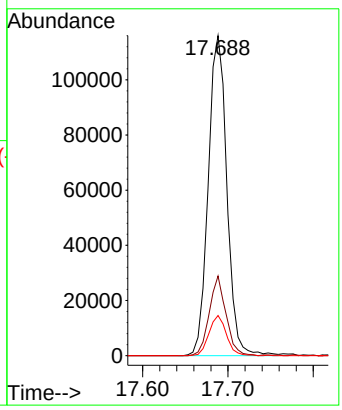


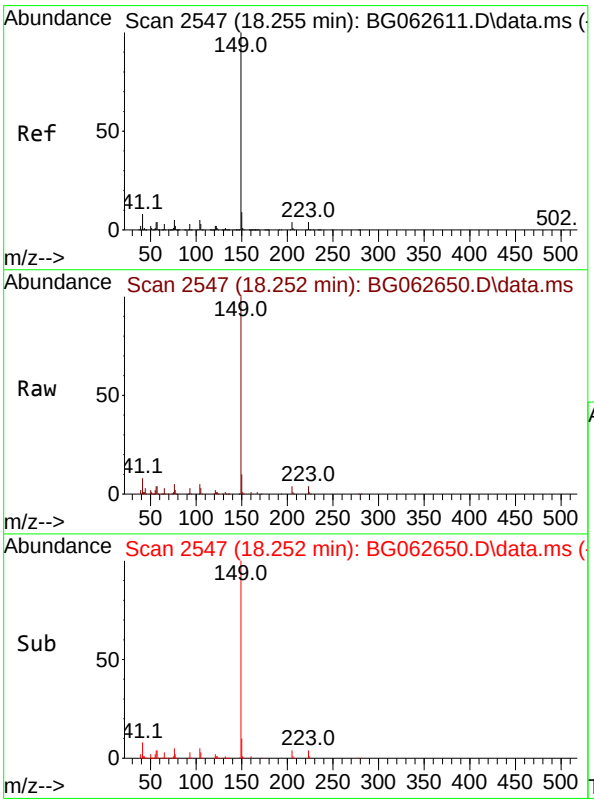

#73
Carbazole
Concen: 8.403 ng
RT: 17.688 min Scan# 24
Delta R.T. -0.003 min
Lab File: BG062650.D
Acq: 4 Sep 2024 19:43

**Instrument :**
BNA_G
**ClientSampleId :**
LOD-MDL-WATER-01-QT2-2024

Tgt Ion:167 Resp: 176675

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 24.9 | 18.2 | 27.2 |
| 139 | 12.6 | 10.1 | 15.1 |

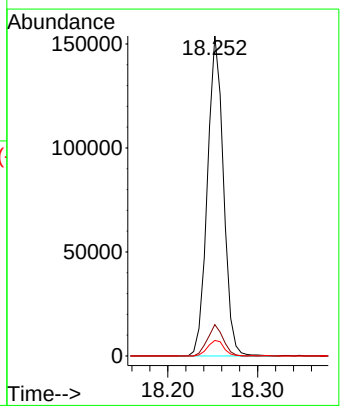


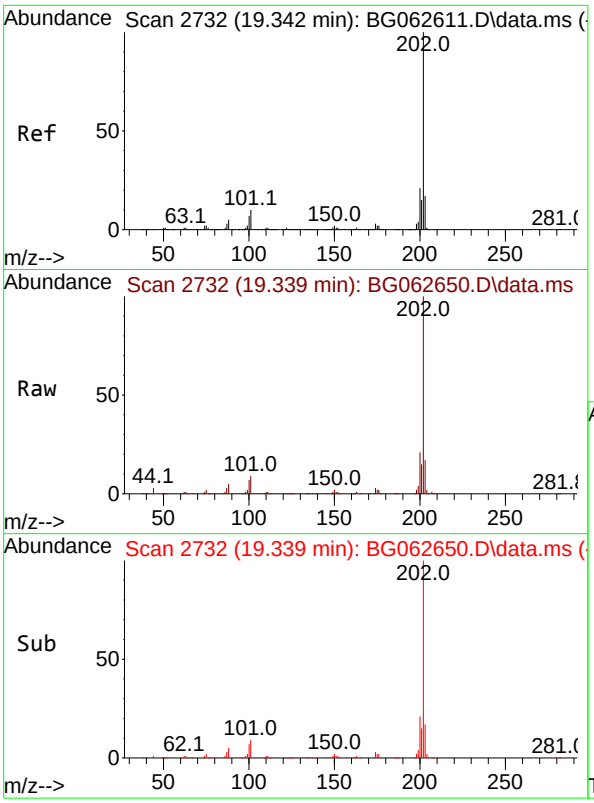




#74
Di-n-butylphthalate
Concen: 8.048 ng
RT: 18.252 min Scan# 2547
Delta R.T. -0.003 min
Lab File: BG062650.D
Acq: 4 Sep 2024 19:43

Tgt Ion:149 Resp: 190846

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 9.8 | 7.3 | 10.9 |
| 104 | 4.8 | 4.2 | 6.2 |



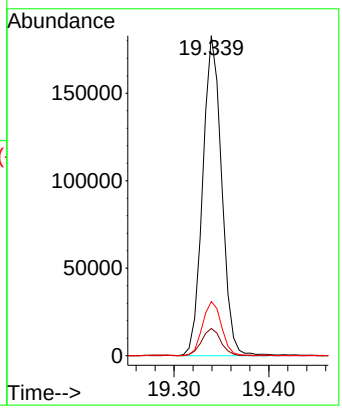


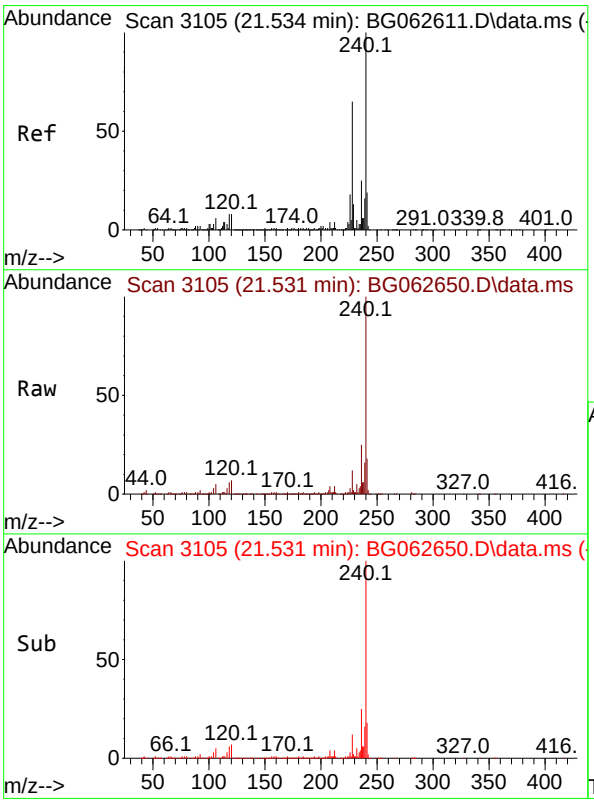

#75
Fluoranthene
Concen: 8.619 ng
RT: 19.339 min Scan# 2
Delta R.T. -0.003 min
Lab File: BG062650.D
Acq: 4 Sep 2024 19:43

**Instrument :**
BNA_G
**ClientSampleId :**
LOD-MDL-WATER-01-QT2-2024

Tgt Ion:202 Resp: 253596

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 8.5 | 0.0 | 29.6 |
| 203 | 16.9 | 0.0 | 37.4 |

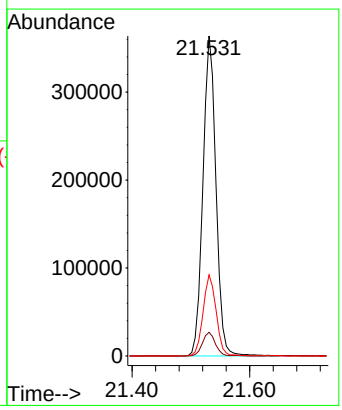


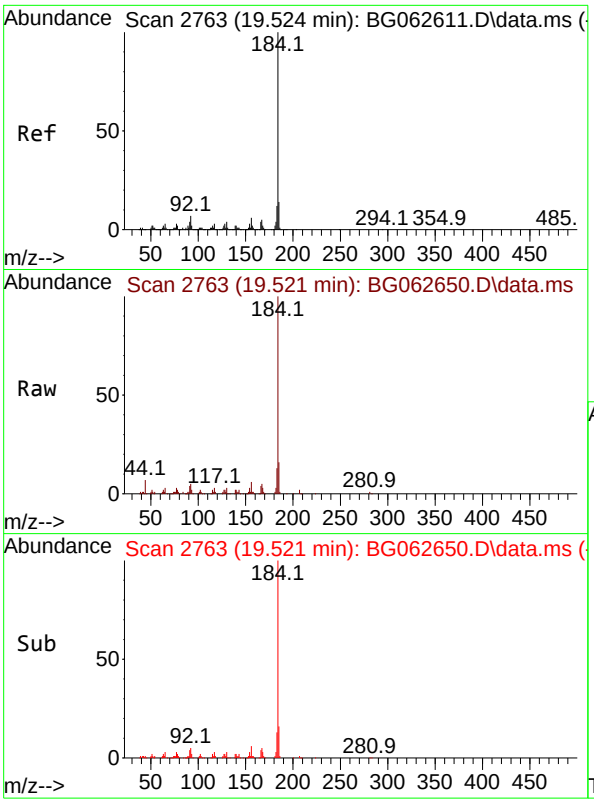




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.531 min Scan# 3105
Delta R.T. -0.003 min
Lab File: BG062650.D
Acq: 4 Sep 2024 19:43

Tgt Ion:240 Resp: 559495

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 7.4 | 6.6 | 9.8 |
| 236 | 25.3 | 20.2 | 30.4 |



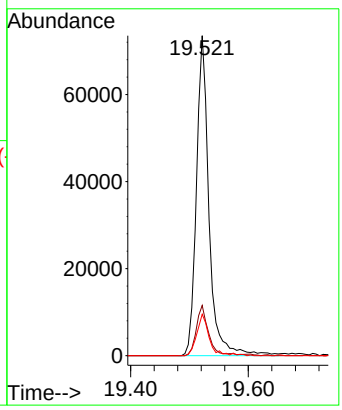


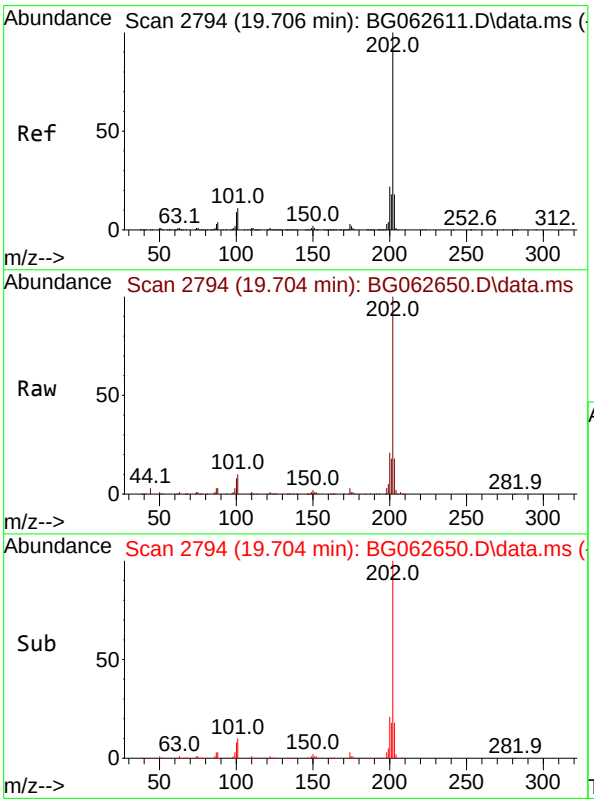

#77
Benzidine
Concen: 10.836 ng
RT: 19.521 min Scan# 2
Delta R.T. -0.003 min
Lab File: BG062650.D
Acq: 4 Sep 2024 19:43

**Instrument :**
BNA_G
**ClientSampleId :**
LOD-MDL-WATER-01-QT2-2024

Tgt Ion:184 Resp: 109275

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 15.7 | 11.0 | 16.6 |
| 183 | 12.9 | 9.7 | 14.5 |

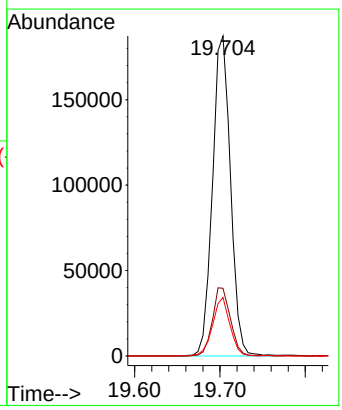


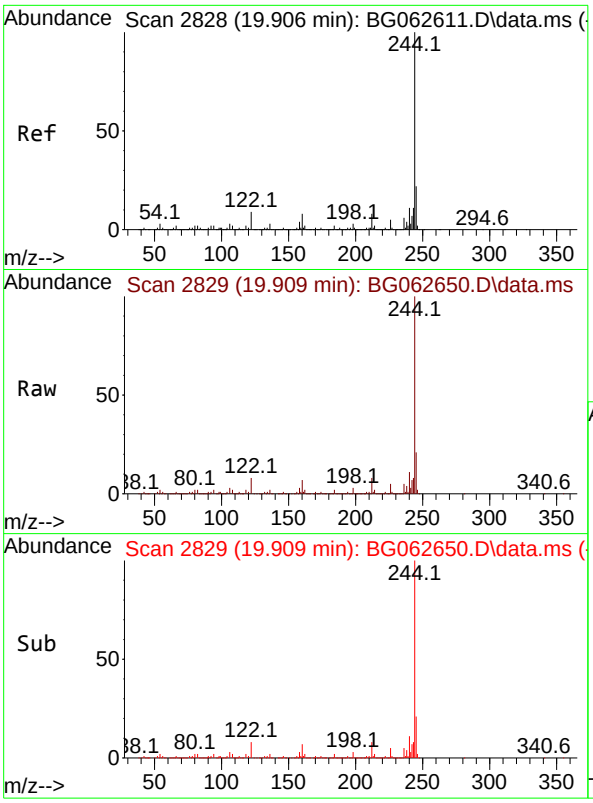




#78
Pyrene
Concen: 7.723 ng
RT: 19.704 min Scan# 2794
Delta R.T. -0.003 min
Lab File: BG062650.D
Acq: 4 Sep 2024 19:43

Tgt Ion:202 Resp: 274658

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 21.1 | 17.4 | 26.2 |
| 203 | 18.3 | 14.1 | 21.1 |



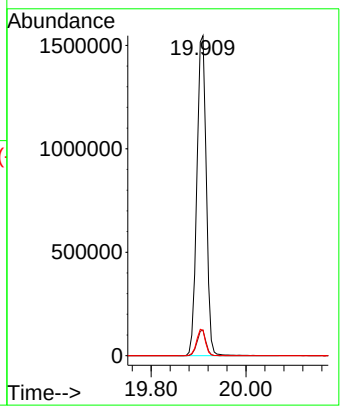


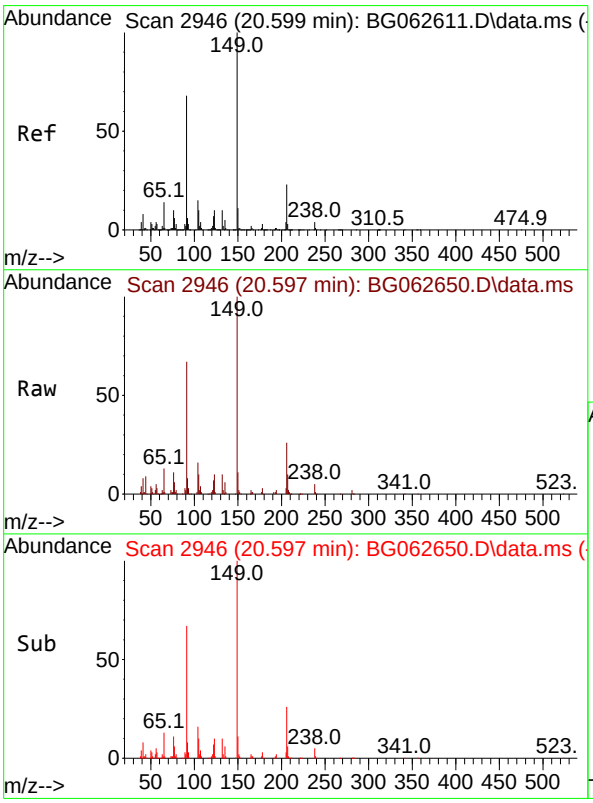

#79
Terphenyl-d14
Concen: 75.573 ng
RT: 19.909 min Scan# 2
Delta R.T. 0.003 min
Lab File: BG062650.D
Acq: 4 Sep 2024 19:43

**Instrument :**
BNA_G
**ClientSampleId :**
LOD-MDL-WATER-01-QT2-2024

Tgt Ion:244 Resp: 2132433

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 8.0 | 6.6 | 10.0 |
| 122 | 8.0 | 7.2 | 10.8 |

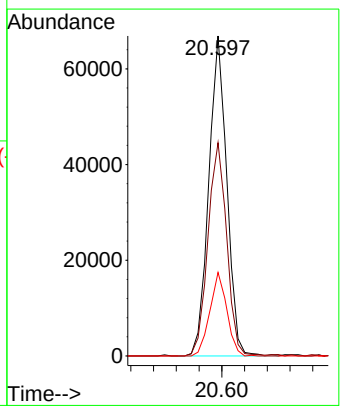


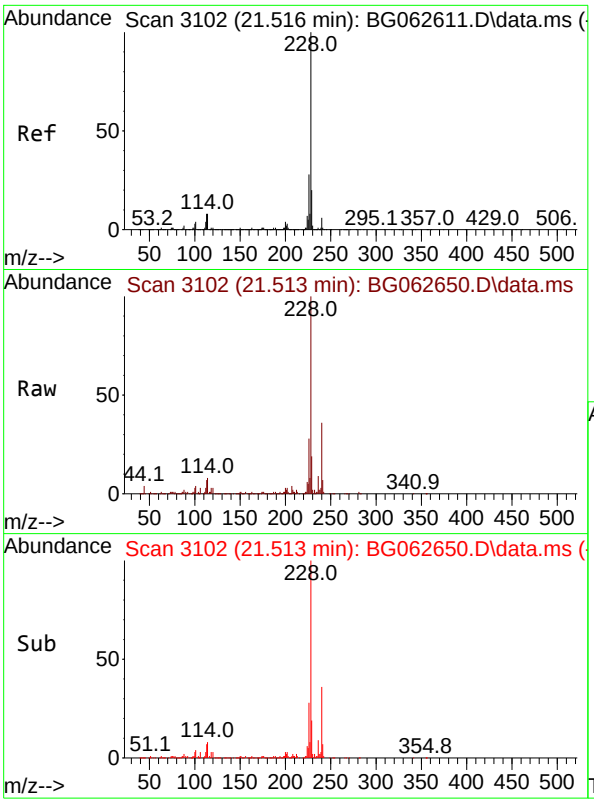




#80
Butylbenzylphthalate
Concen: 7.034 ng
RT: 20.597 min Scan# 2946
Delta R.T. -0.003 min
Lab File: BG062650.D
Acq: 4 Sep 2024 19:43

Tgt Ion:149 Resp: 73476

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 66.7 | 54.6 | 81.8 |
| 206 | 26.1 | 18.4 | 27.6 |



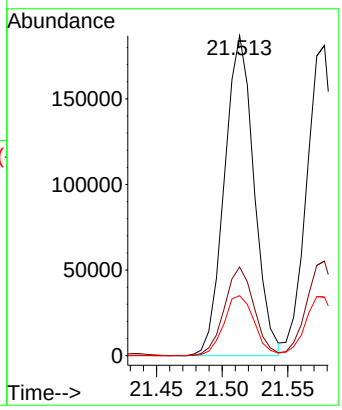


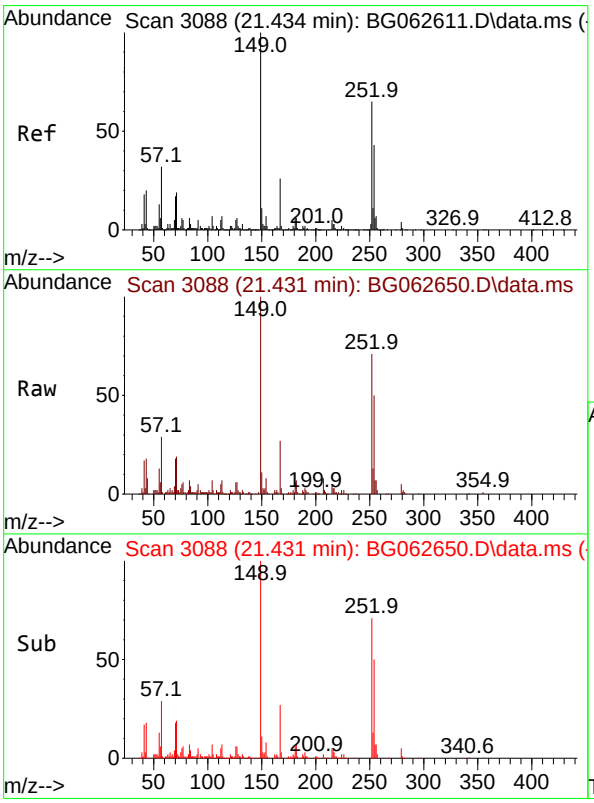

#81
Benzo(a)anthracene
Concen: 8.307 ng
RT: 21.513 min Scan# 3
Delta R.T. -0.003 min
Lab File: BG062650.D
Acq: 4 Sep 2024 19:43

**Instrument :**
BNA_G
**ClientSampleId :**
LOD-MDL-WATER-01-QT2-2024

Tgt Ion:228 Resp: 293138

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 27.7 | 22.3 | 33.5 |
| 229 | 18.7 | 16.2 | 24.2 |

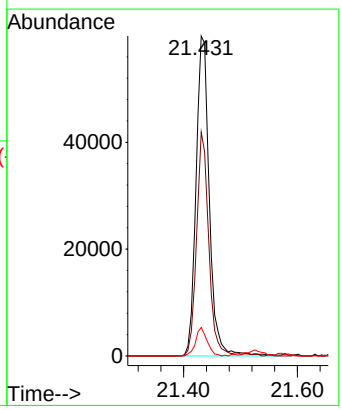


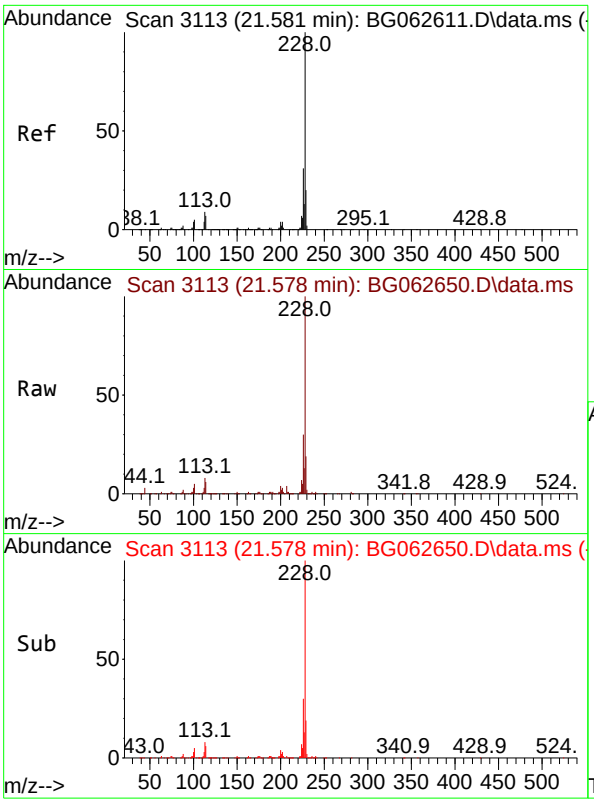




#82
3,3'-Dichlorobenzidine
Concen: 8.491 ng
RT: 21.431 min Scan# 3088
Delta R.T. -0.003 min
Lab File: BG062650.D
Acq: 4 Sep 2024 19:43

Tgt Ion:252 Resp: 97607

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 254 | 70.0 | 52.2 | 78.2 |
| 126 | 8.9 | 6.7 | 10.1 |



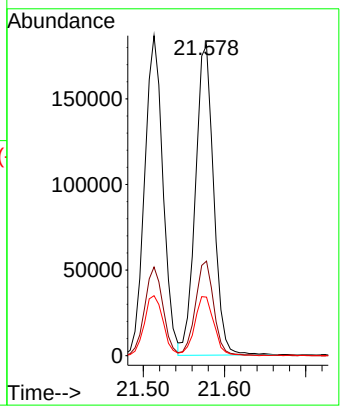


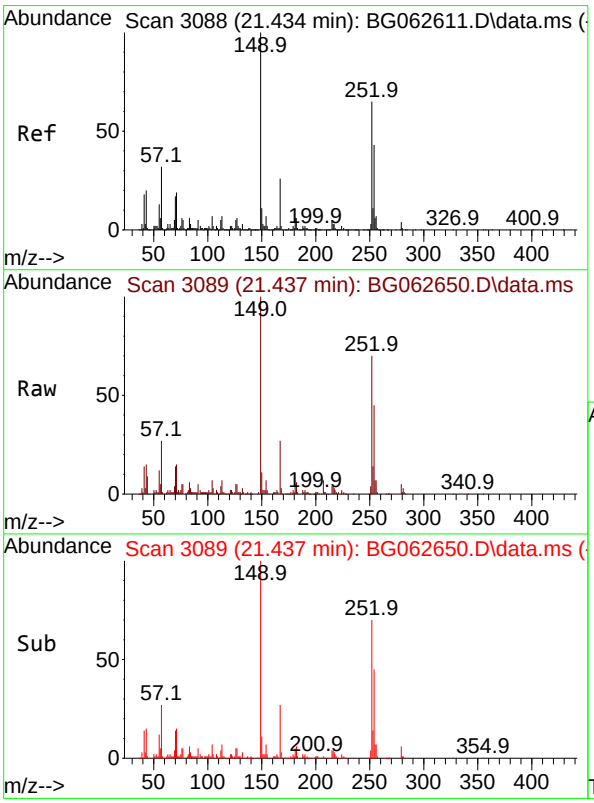

#83
Chrysene
Concen: 8.376 ng
RT: 21.578 min Scan# 3
Delta R.T. -0.003 min
Lab File: BG062650.D
Acq: 4 Sep 2024 19:43

**Instrument :**
BNA_G
**ClientSampleId :**
LOD-MDL-WATER-01-QT2-2024

Tgt Ion:228 Resp: 283114

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 30.5 | 24.9 | 37.3 |
| 229 | 18.9 | 16.0 | 24.0 |

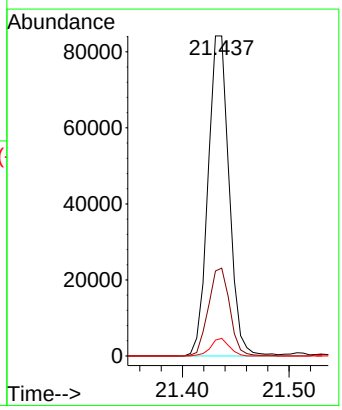


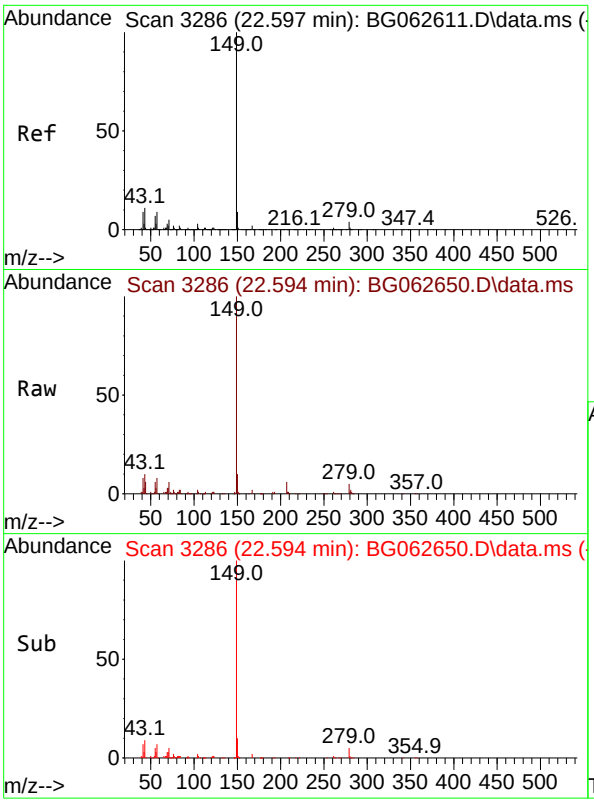




#84
Bis(2-ethylhexyl)phthalate
Concen: 7.273 ng
RT: 21.437 min Scan# 3089
Delta R.T. 0.003 min
Lab File: BG062650.D
Acq: 4 Sep 2024 19:43

Tgt Ion:149 Resp: 115429

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 27.4 | 20.5 | 30.7 |
| 279 | 5.5 | 3.1 | 4.7# |



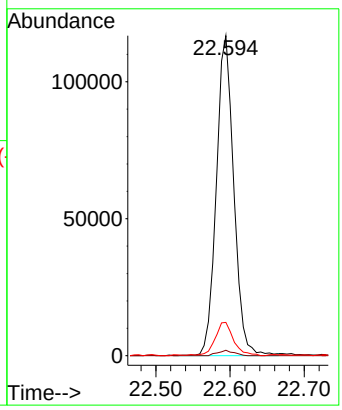


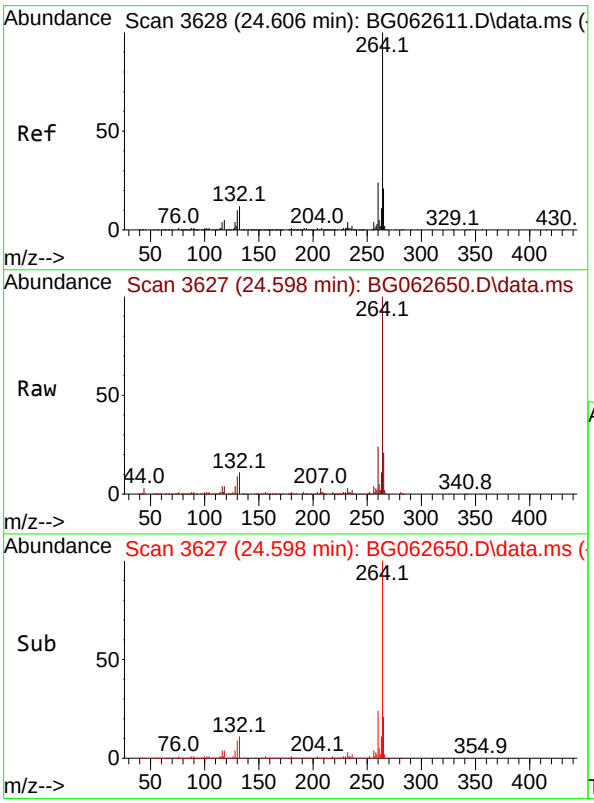

#85
Di-n-octyl phthalate
Concen: 6.866 ng
RT: 22.594 min Scan# 3
Delta R.T. -0.003 min
Lab File: BG062650.D
Acq: 4 Sep 2024 19:43

**Instrument :**
BNA_G
**ClientSampleId :**
LOD-MDL-WATER-01-QT2-2024

Tgt Ion:149 Resp: 190785

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 1.5 | 1.4 | 2.0 |
| 43 | 11.1 | 8.8 | 13.2 |

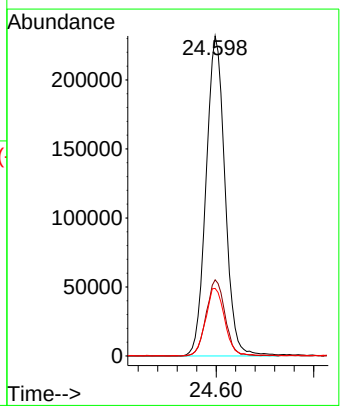


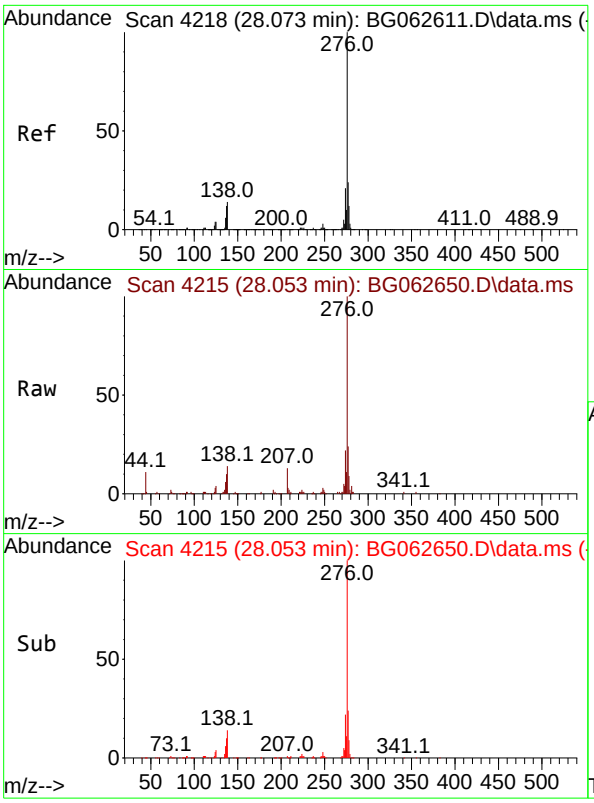




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.598 min Scan# 3627
Delta R.T. -0.009 min
Lab File: BG062650.D
Acq: 4 Sep 2024 19:43

Tgt Ion:264 Resp: 623663

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.8 | 19.0 | 28.4 |
| 265 | 21.1 | 17.3 | 25.9 |



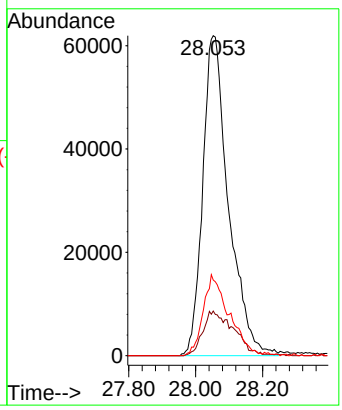


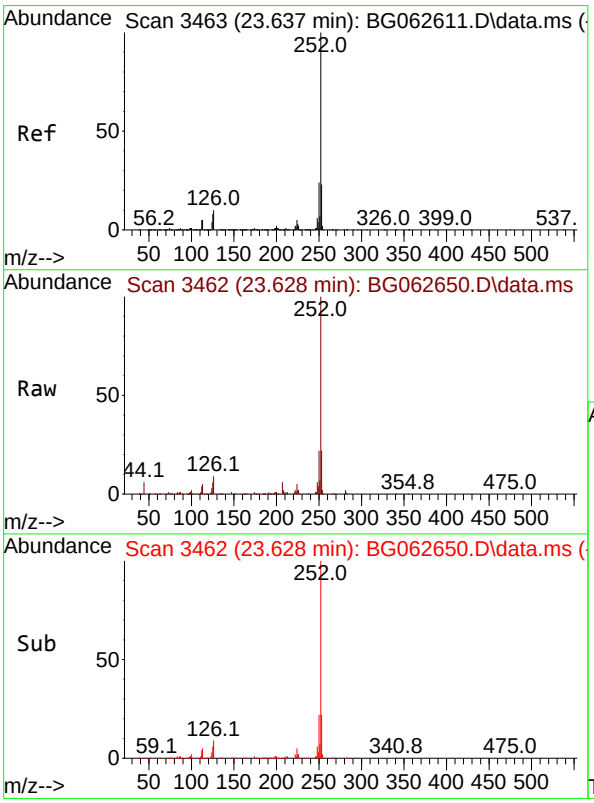

#87
Indeno(1,2,3-cd)pyrene
Concen: 8.293 ng
RT: 28.053 min Scan# 4
Delta R.T. -0.020 min
Lab File: BG062650.D
Acq: 4 Sep 2024 19:43

**Instrument :**
BNA_G
**ClientSampleId :**
LOD-MDL-WATER-01-QT2-2024

Tgt Ion:276 Resp: 331648

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 16.6 | 14.9 | 22.3 |
| 277 | 25.3 | 20.3 | 30.5 |

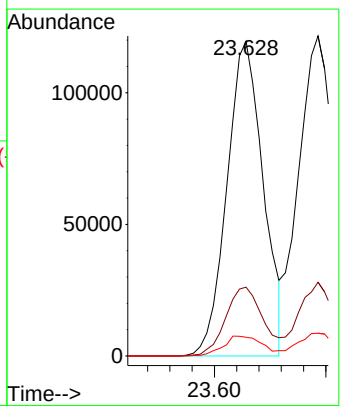


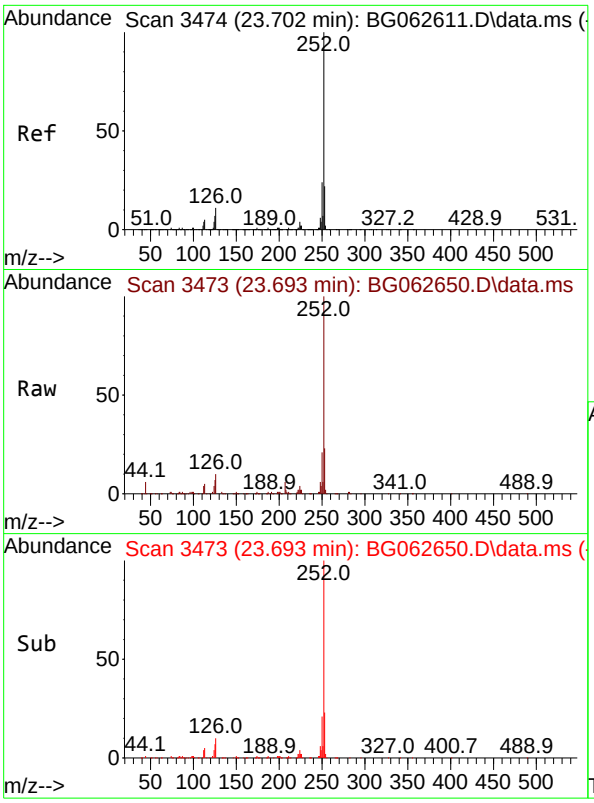




#88
Benzo(b)fluoranthene
Concen: 7.854 ng m
RT: 23.628 min Scan# 3462
Delta R.T. -0.009 min
Lab File: BG062650.D
Acq: 4 Sep 2024 19:43

Tgt Ion:252 Resp: 270549

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.9 | 18.2 | 27.2 |
| 125 | 6.0 | 6.2 | 9.2# |



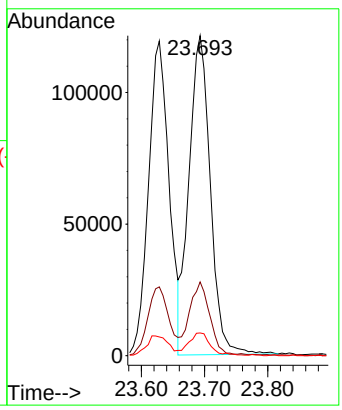


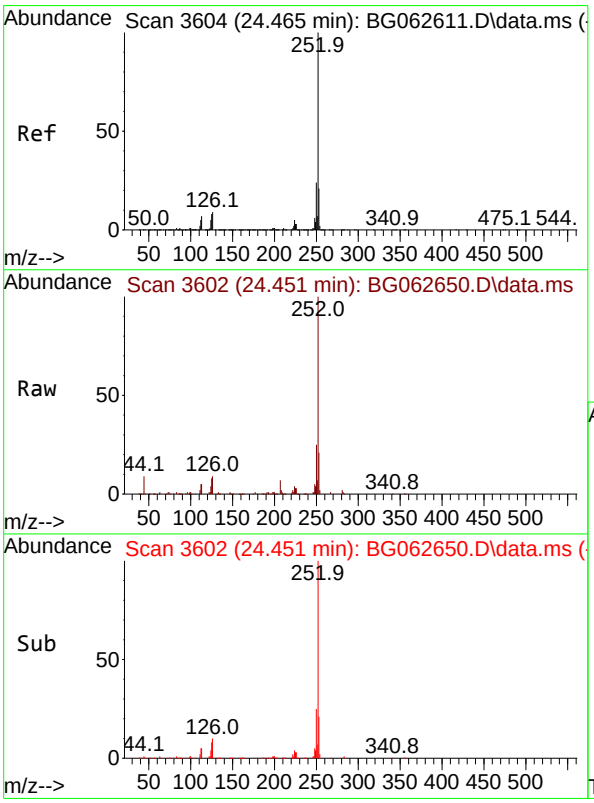

#89
Benzo(k)fluoranthene
Concen: 8.438 ng
RT: 23.693 min Scan# 34
Delta R.T. -0.009 min
Lab File: BG062650.D
Acq: 4 Sep 2024 19:43

**Instrument :**
BNA_G
**ClientSampleId :**
LOD-MDL-WATER-01-QT2-2024

Tgt Ion:252 Resp: 284345

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 23.1 | 17.8 | 26.8 |
| 125 | 7.1 | 6.1 | 9.1 |

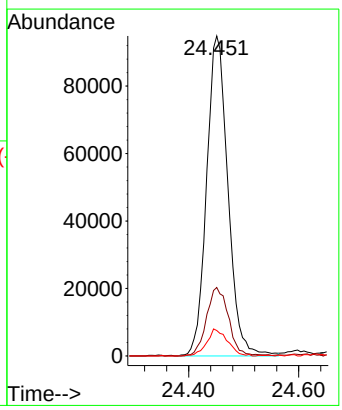


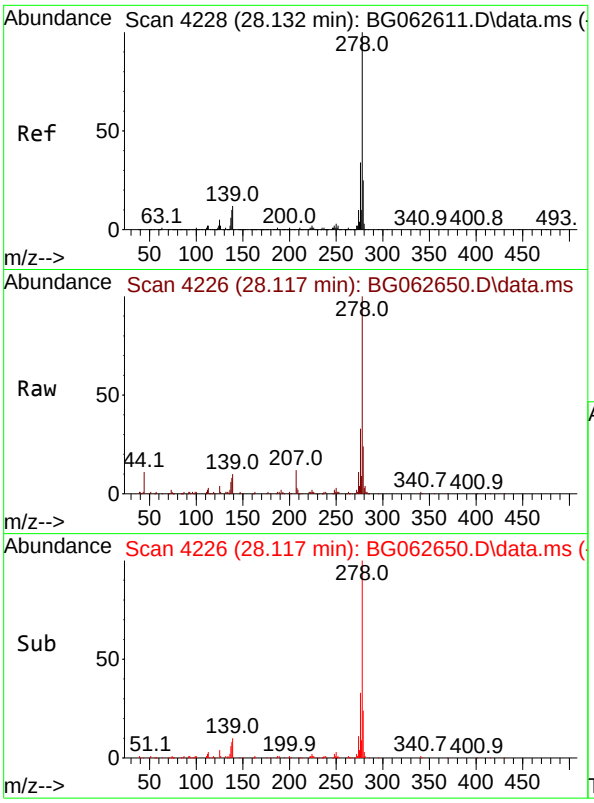




#90
Benzo(a)pyrene
Concen: 8.400 ng
RT: 24.451 min Scan# 3602
Delta R.T. -0.014 min
Lab File: BG062650.D
Acq: 4 Sep 2024 19:43

Tgt Ion:252 Resp: 255624

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.4 | 17.1 | 25.7 |
| 125 | 8.0 | 6.6 | 10.0 |



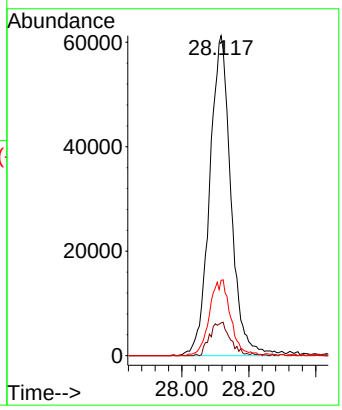


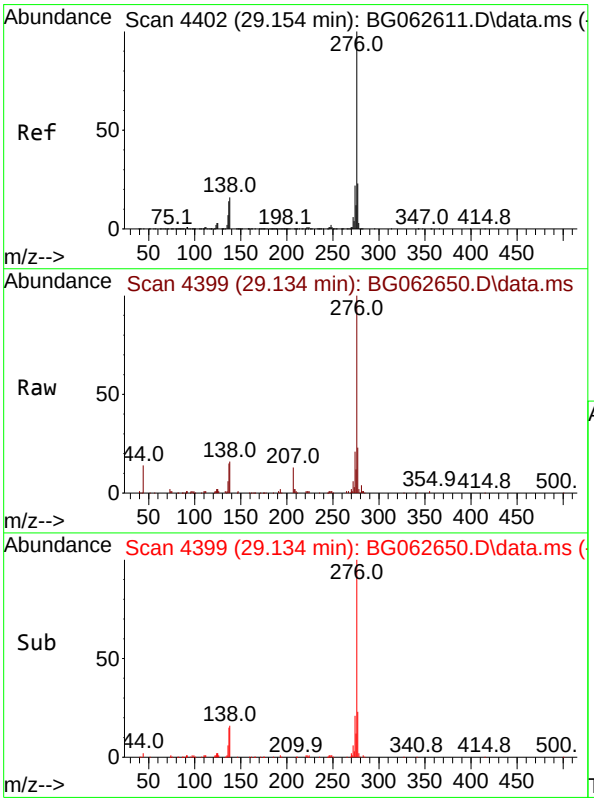

#91
Dibenzo(a,h)anthracene
Concen: 8.207 ng
RT: 28.117 min Scan# 4
Delta R.T. -0.014 min
Lab File: BG062650.D
Acq: 4 Sep 2024 19:43

**Instrument :**
BNA_G
**ClientSampleId :**
LOD-MDL-WATER-01-QT2-2024

Tgt Ion:278 Resp: 270366

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 10.2 | 9.2 | 13.8 |
| 279 | 23.6 | 19.7 | 29.5 |




#92
Benzo(g,h,i)perylene
Concen: 7.676 ng
RT: 29.134 min Scan# 4399
Delta R.T. -0.020 min
Lab File: BG062650.D
Acq: 4 Sep 2024 19:43

Tgt Ion:276 Resp: 255001

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 22.7 | 18.8 | 28.2 |
| 138 | 15.6 | 12.7 | 19.1 |