

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG090424\  
 Data File : BG062641.D  
 Acq On : 4 Sep 2024 13:15  
 Operator : MA/JU  
 Sample : P3390-08  
 Misc : LOQ-WATER-10 ng  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 LOQ-WATER-02-QT3-2024

Quant Time: Sep 04 13:48:34 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     | 7.918  | 152  | 47756    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.715 | 136  | 209365   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.546 | 164  | 182670   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.290 | 188  | 478475   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 21.538 | 240  | 504591   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 24.605 | 264  | 562544   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.497  | 112  | 337740   | 122.246 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.084  | 99   | 488116   | 122.296 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.076  | 82   | 349002   | 89.776  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.038 | 330  | 333231   | 129.624 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.171 | 172  | 949818   | 84.223  | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.910 | 244  | 2030251  | 79.781  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.406  | 88   | 13899    | 12.076  | ng    | 99       |
| 3) Pyridine                   | 3.799  | 79   | 34424    | 10.381  | ng    | 96       |
| 4) n-Nitrosodimethylamine     | 3.717  | 42   | 17676    | 10.964  | ng    | # 93     |
| 6) Aniline                    | 7.242  | 93   | 48374    | 12.972  | ng    | 95       |
| 8) 2-Chlorophenol             | 7.483  | 128  | 30775    | 10.375  | ng    | 91       |
| 9) Benzaldehyde               | 7.054  | 77   | 33806    | 14.561  | ng    | 97       |
| 10) Phenol                    | 7.107  | 94   | 43118    | 10.671  | ng    | 93       |
| 11) bis(2-Chloroethyl)ether   | 7.342  | 93   | 34040    | 11.004  | ng    | 93       |
| 12) 1,3-Dichlorobenzene       | 7.812  | 146  | 35587    | 10.933  | ng    | 95       |
| 13) 1,4-Dichlorobenzene       | 7.959  | 146  | 35551    | 10.613  | ng    | 94       |
| 14) 1,2-Dichlorobenzene       | 8.277  | 146  | 34431    | 10.457  | ng    | 98       |
| 15) Benzyl Alcohol            | 8.153  | 79   | 31576    | 10.692  | ng    | 97       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.435  | 45   | 62719    | 10.638  | ng    | 99       |
| 17) 2-Methylphenol            | 8.359  | 107  | 28502    | 10.120  | ng    | 98       |
| 18) Hexachloroethane          | 8.999  | 117  | 12440    | 9.904   | ng    | 96       |
| 19) n-Nitroso-di-n-propyla... | 8.717  | 70   | 29940    | 9.520   | ng    | 96       |
| 20) 3+4-Methylphenols         | 8.682  | 107  | 38703    | 9.314   | ng    | 98       |
| 22) Acetophenone              | 8.735  | 105  | 58748    | 10.401  | ng    | # 98     |
| 24) Nitrobenzene              | 9.117  | 77   | 43044    | 10.414  | ng    | 98       |
| 25) Isophorone                | 9.634  | 82   | 87705    | 10.278  | ng    | # 94     |
| 26) 2-Nitrophenol             | 9.822  | 139  | 16727    | 10.710  | ng    | 92       |
| 27) 2,4-Dimethylphenol        | 9.886  | 122  | 24947    | 10.902  | ng    | 97       |
| 28) bis(2-Chloroethoxy)met... | 10.121 | 93   | 49497    | 10.835  | ng    | 96       |
| 29) 2,4-Dichlorophenol        | 10.362 | 162  | 35686    | 11.153  | ng    | 94       |
| 30) 1,2,4-Trichlorobenzene    | 10.574 | 180  | 42186    | 11.122  | ng    | 99       |
| 31) Naphthalene               | 10.762 | 128  | 112808   | 10.871  | ng    | 99       |
| 32) Benzoic acid              | 9.957  | 122  | 14320    | 5.818   | ng    | 90       |
| 33) 4-Chloroaniline           | 10.868 | 127  | 46145    | 11.299  | ng    | 98       |
| 34) Hexachlorobutadiene       | 11.056 | 225  | 26922    | 10.163  | ng    | 93       |
| 35) Caprolactam               | 11.614 | 113  | 12233    | 9.918   | ng    | 96       |
| 36) 4-Chloro-3-methylphenol   | 11.990 | 107  | 38453    | 9.963   | ng    | 95       |
| 37) 2-Methylnaphthalene       | 12.372 | 142  | 83753    | 10.406  | ng    | 98       |
| 38) 1-Methylnaphthalene       | 12.589 | 142  | 80281    | 9.933   | ng    | 98       |
| 40) 1,2,4,5-Tetrachloroben... | 12.736 | 216  | 58431    | 10.636  | ng    | 98       |
| 41) Hexachlorocyclopentadiene | 12.718 | 237  | 18537    | 11.827  | ng    | 97       |
| 43) 2,4,6-Trichlorophenol     | 12.977 | 196  | 36527    | 10.489  | ng    | 98       |

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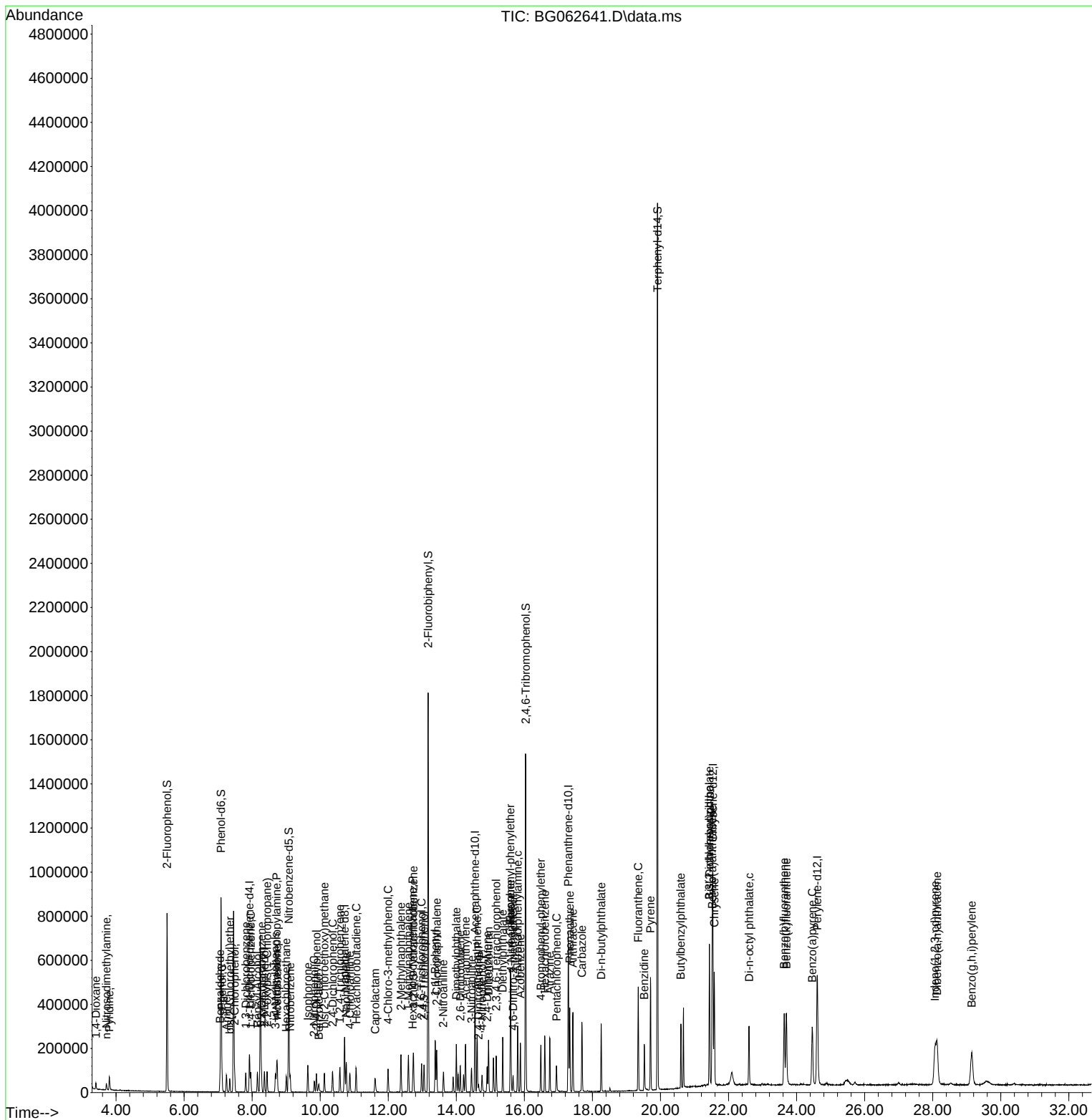
Instrument :  
 BNA\_G  
 ClientSampleId :  
 LOQ-WATER-02-QT3-2024

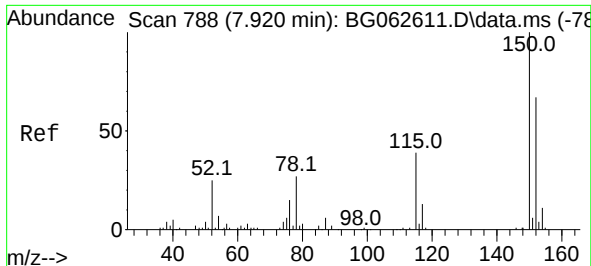
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 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG083024.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Aug 31 02:36:01 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 13.047 | 196  | 37107    | 9.409  | ng    | 97       |
| 46) 1,1'-Biphenyl             | 13.377 | 154  | 128353   | 10.532 | ng    | 98       |
| 47) 2-Chloronaphthalene       | 13.424 | 162  | 98620    | 9.985  | ng    | 98       |
| 48) 2-Nitroaniline            | 13.617 | 65   | 26651    | 10.259 | ng    | # 85     |
| 49) Acenaphthylene            | 14.270 | 152  | 161687   | 11.055 | ng    | 100      |
| 50) Dimethylphthalate         | 13.999 | 163  | 141780   | 10.614 | ng    | 98       |
| 51) 2,6-Dinitrotoluene        | 14.117 | 165  | 26143    | 10.347 | ng    | 89       |
| 52) Acenaphthene              | 14.610 | 154  | 91255    | 9.981  | ng    | 98       |
| 53) 3-Nitroaniline            | 14.446 | 138  | 26761    | 10.947 | ng    | 99       |
| 54) 2,4-Dinitrophenol         | 14.651 | 184  | 10171    | 7.174  | ng    | # 88     |
| 55) Dibenzofuran              | 14.945 | 168  | 164857   | 10.514 | ng    | 97       |
| 56) 4-Nitrophenol             | 14.757 | 139  | 19525    | 9.424  | ng    | 97       |
| 57) 2,4-Dinitrotoluene        | 14.904 | 165  | 35807    | 10.387 | ng    | 96       |
| 58) Fluorene                  | 15.592 | 166  | 128735   | 10.461 | ng    | 92       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.169 | 232  | 40234    | 10.769 | ng    | # 96     |
| 60) Diethylphthalate          | 15.362 | 149  | 136469   | 10.308 | ng    | 96       |
| 61) 4-Chlorophenyl-phenyle... | 15.586 | 204  | 75712    | 10.717 | ng    | 99       |
| 62) 4-Nitroaniline            | 15.603 | 138  | 28378    | 10.528 | ng    | 97       |
| 63) Azobenzene                | 15.879 | 77   | 124088   | 9.982  | ng    | 99       |
| 65) 4,6-Dinitro-2-methylph... | 15.668 | 198  | 19340    | 9.057  | ng    | 100      |
| 66) n-Nitrosodiphenylamine    | 15.803 | 169  | 115637   | 10.052 | ng    | 95       |
| 67) 4-Bromophenyl-phenylether | 16.485 | 248  | 51662    | 10.462 | ng    | 91       |
| 68) Hexachlorobenzene         | 16.602 | 284  | 59150    | 10.114 | ng    | 93       |
| 69) Atrazine                  | 16.749 | 200  | 51962    | 13.299 | ng    | 98       |
| 70) Pentachlorophenol         | 16.943 | 266  | 26702    | 7.129  | ng    | 94       |
| 71) Phenanthrene              | 17.331 | 178  | 244453   | 10.946 | ng    | 100      |
| 72) Anthracene                | 17.425 | 178  | 251265   | 11.443 | ng    | 99       |
| 73) Carbazole                 | 17.689 | 167  | 216667   | 10.733 | ng    | 98       |
| 74) Di-n-butylphthalate       | 18.259 | 149  | 233309   | 10.248 | ng    | 100      |
| 75) Fluoranthene              | 19.346 | 202  | 303610   | 10.749 | ng    | 99       |
| 77) Benzidine                 | 19.522 | 184  | 138277   | 15.204 | ng    | 99       |
| 78) Pyrene                    | 19.704 | 202  | 325207   | 10.139 | ng    | 98       |
| 80) Butylbenzylphthalate      | 20.597 | 149  | 87408    | 9.278  | ng    | 99       |
| 81) Benzo(a)anthracene        | 21.514 | 228  | 342968   | 10.776 | ng    | 98       |
| 82) 3,3'-Dichlorobenzidine    | 21.438 | 252  | 116889   | 11.274 | ng    | 100      |
| 83) Chrysene                  | 21.579 | 228  | 331431   | 10.872 | ng    | 98       |
| 84) Bis(2-ethylhexyl)phtha... | 21.438 | 149  | 137959   | 9.639  | ng    | # 98     |
| 85) Di-n-octyl phthalate      | 22.601 | 149  | 233800   | 9.329  | ng    | 100      |
| 87) Indeno(1,2,3-cd)pyrene    | 28.065 | 276  | 386484   | 10.714 | ng    | 98       |
| 88) Benzo(b)fluoranthene      | 23.635 | 252  | 316763   | 10.195 | ng    | 98       |
| 89) Benzo(k)fluoranthene      | 23.700 | 252  | 334620   | 11.009 | ng    | 99       |
| 90) Benzo(a)pyrene            | 24.458 | 252  | 297736   | 10.847 | ng    | 98       |
| 91) Dibenzo(a,h)anthracene    | 28.124 | 278  | 313097   | 10.537 | ng    | 98       |
| 92) Benzo(g,h,i)perylene      | 29.146 | 276  | 299503   | 9.996  | ng    | 96       |

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

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QLast Update : Sat Aug 31 02:36:01 2024  
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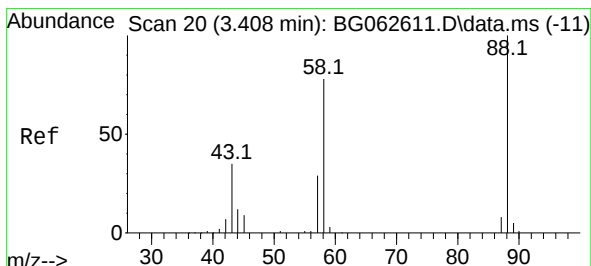
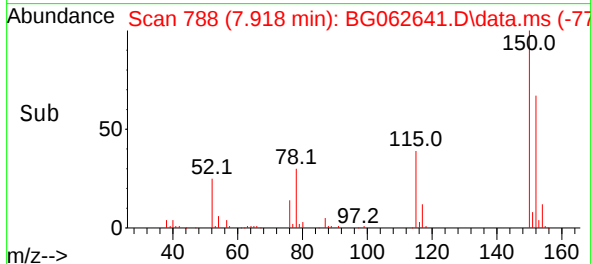
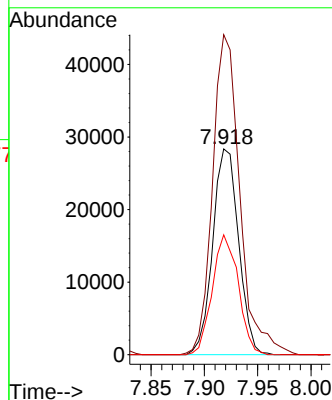
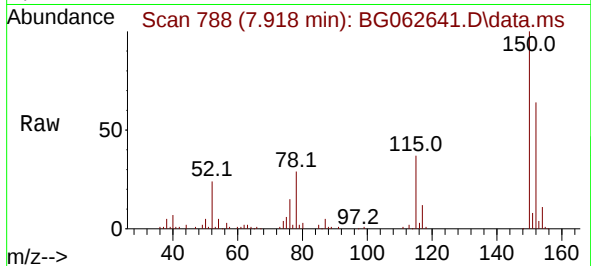




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.918 min Scan# 7  
Delta R.T. -0.002 min  
Lab File: BG062641.D  
Acq: 4 Sep 2024 13:15

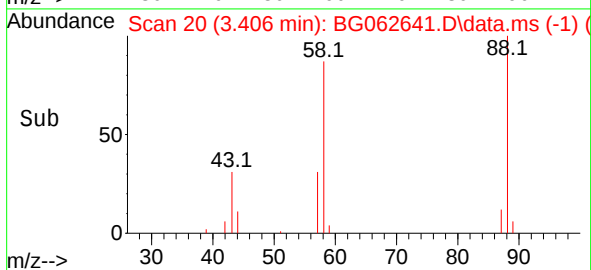
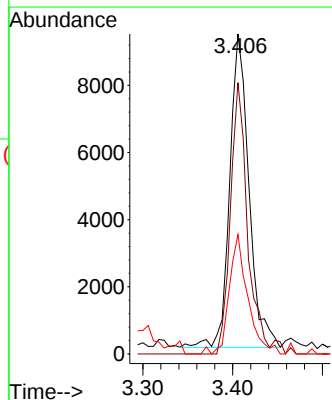
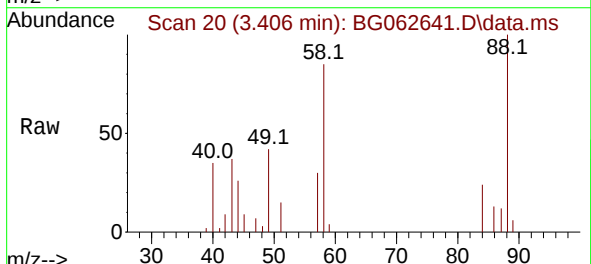
Instrument :  
BNA\_G  
ClientSampleId :  
LOQ-WATER-02-QT3-2024

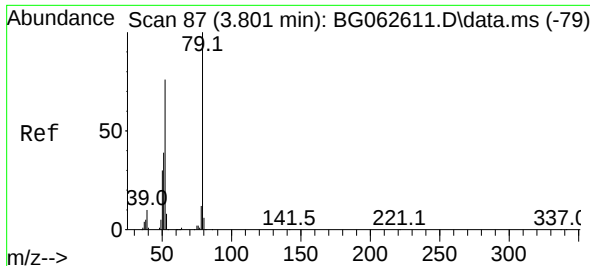
Tgt Ion:152 Resp: 47756  
Ion Ratio Lower Upper  
152 100  
150 155.6 119.9 179.9  
115 58.3 46.6 69.8



#2  
1,4-Dioxane  
Concen: 12.076 ng  
RT: 3.406 min Scan# 20  
Delta R.T. -0.002 min  
Lab File: BG062641.D  
Acq: 4 Sep 2024 13:15

Tgt Ion: 88 Resp: 13899  
Ion Ratio Lower Upper  
88 100  
58 78.3 62.3 93.5  
43 36.2 27.5 41.3

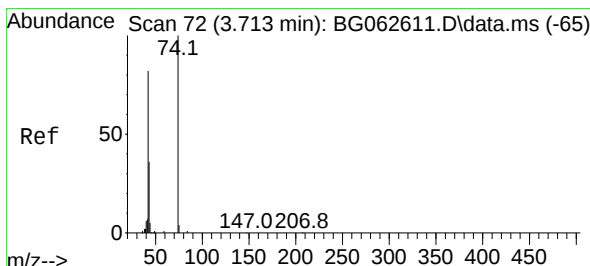
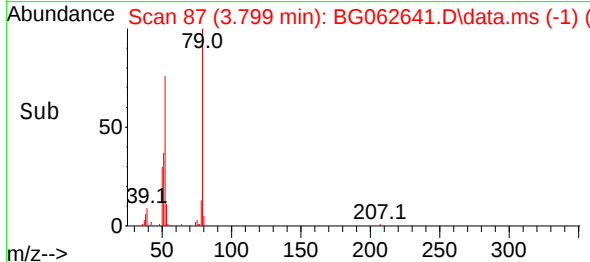
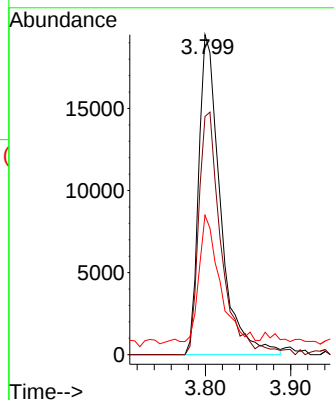
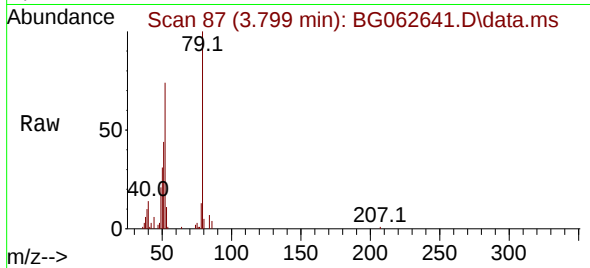




#3  
 Pyridine  
 Concen: 10.381 ng  
 RT: 3.799 min Scan# 81  
 Delta R.T. -0.002 min  
 Lab File: BG062641.D  
 Acq: 4 Sep 2024 13:15

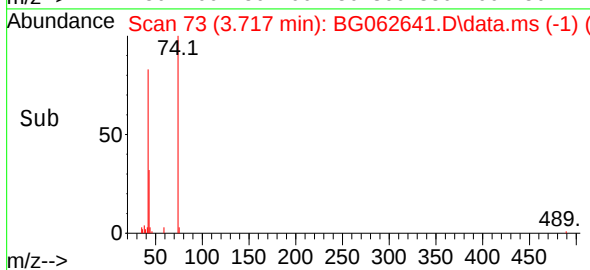
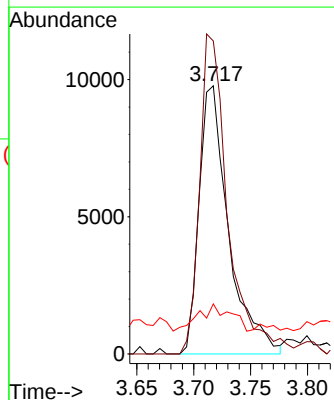
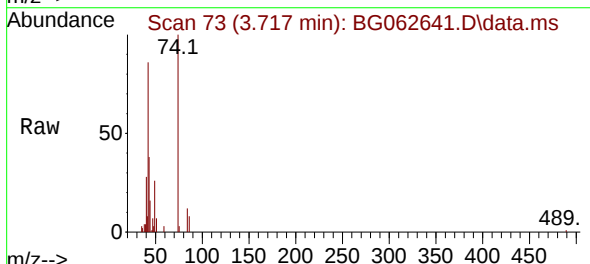
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 ClientSampleId :  
 LOQ-WATER-02-QT3-2024

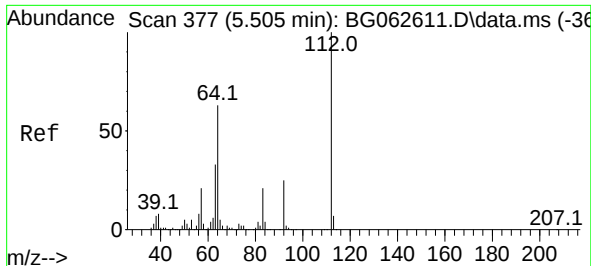
Tgt Ion: 79 Resp: 34424  
 Ion Ratio Lower Upper  
 79 100  
 52 74.5 60.9 91.3  
 51 43.6 31.5 47.3



#4  
 n-Nitrosodimethylamine  
 Concen: 10.964 ng  
 RT: 3.717 min Scan# 73  
 Delta R.T. 0.004 min  
 Lab File: BG062641.D  
 Acq: 4 Sep 2024 13:15

Tgt Ion: 42 Resp: 17676  
 Ion Ratio Lower Upper  
 42 100  
 74 116.7 98.0 147.0  
 44 18.7 7.4 11.2#

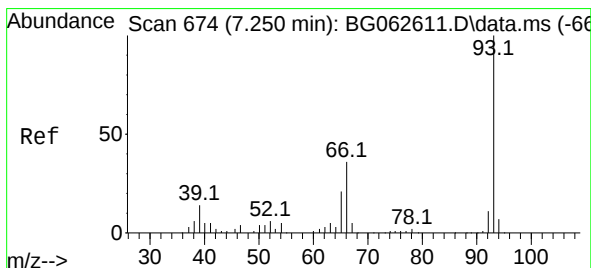
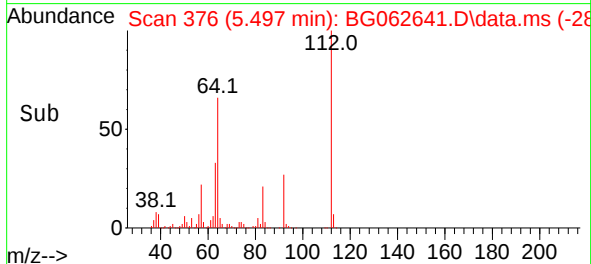
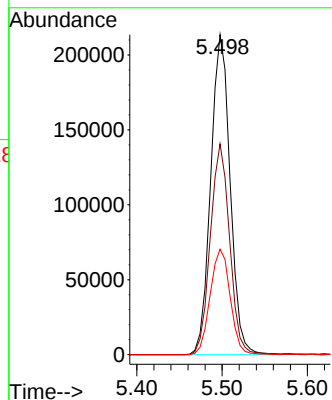
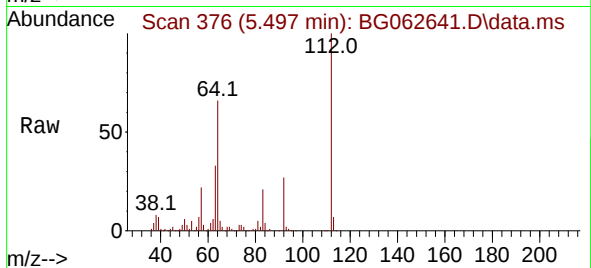




#5  
2-Fluorophenol  
Concen: 122.246 ng  
RT: 5.497 min Scan# 31  
Delta R.T. -0.008 min  
Lab File: BG062641.D  
Acq: 4 Sep 2024 13:15

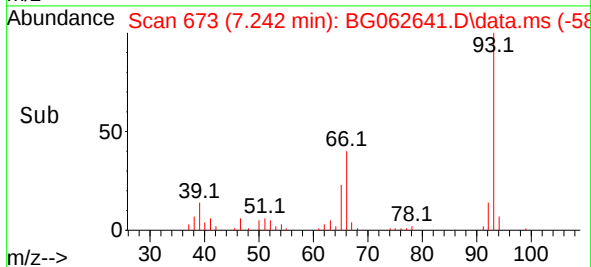
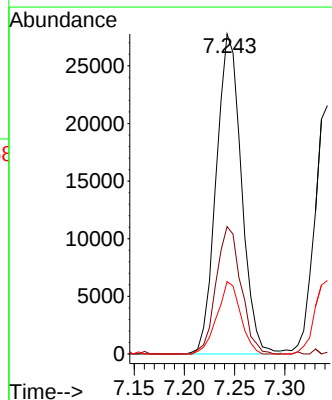
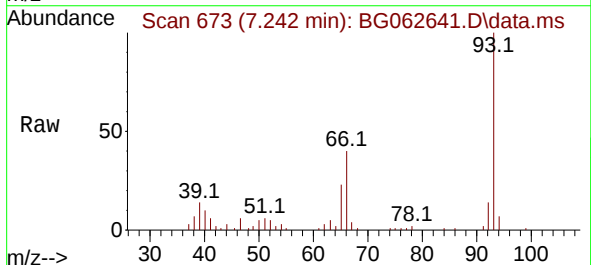
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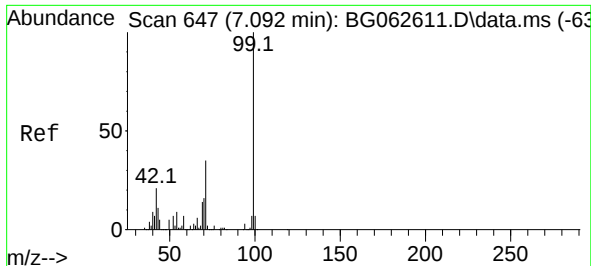
Tgt Ion:112 Resp: 337740  
Ion Ratio Lower Upper  
112 100  
64 65.9 50.2 75.2  
63 33.0 26.6 39.8



#6  
Aniline  
Concen: 12.972 ng  
RT: 7.242 min Scan# 673  
Delta R.T. -0.008 min  
Lab File: BG062641.D  
Acq: 4 Sep 2024 13:15

Tgt Ion: 93 Resp: 48374  
Ion Ratio Lower Upper  
93 100  
66 39.8 29.1 43.7  
65 22.6 16.6 25.0

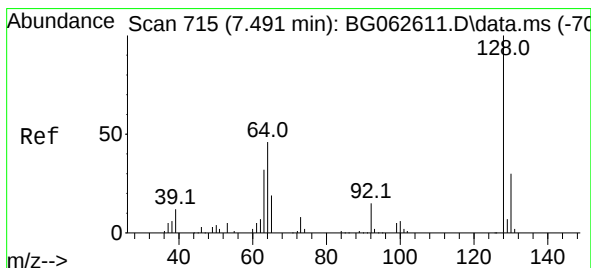
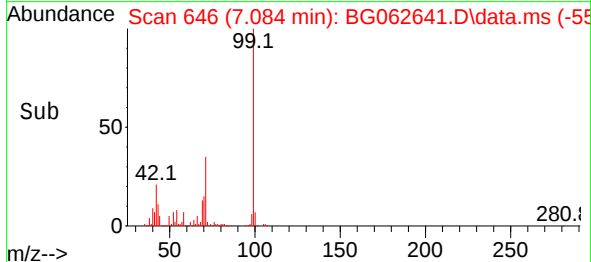
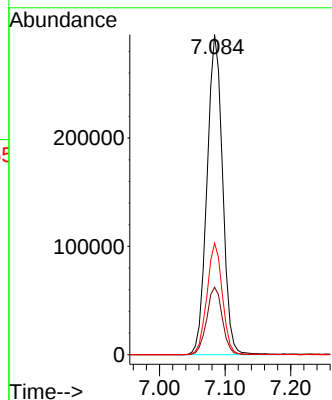
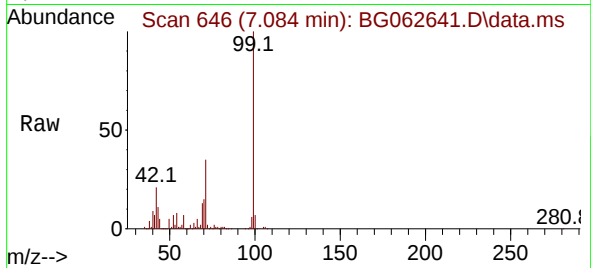




#7  
Phenol-d6  
Concen: 122.296 ng  
RT: 7.084 min Scan# 646  
Delta R.T. -0.008 min  
Lab File: BG062641.D  
Acq: 4 Sep 2024 13:15

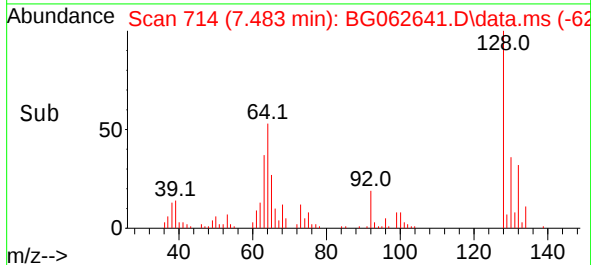
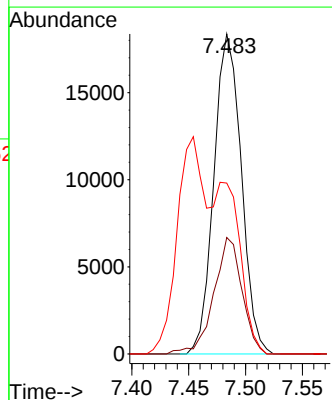
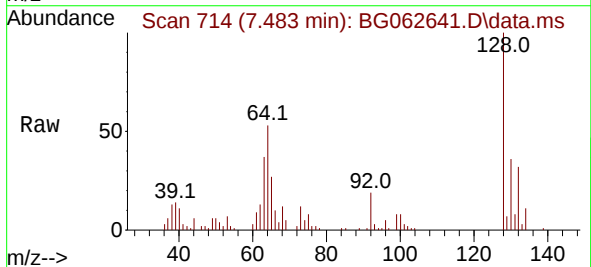
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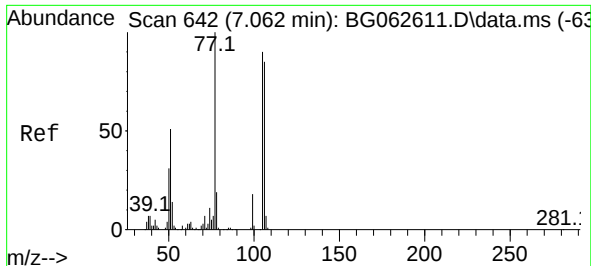
Tgt Ion: 99 Resp: 488116  
Ion Ratio Lower Upper  
99 100  
42 21.1 16.9 25.3  
71 34.8 27.9 41.9



#8  
2-Chlorophenol  
Concen: 10.375 ng  
RT: 7.483 min Scan# 714  
Delta R.T. -0.008 min  
Lab File: BG062641.D  
Acq: 4 Sep 2024 13:15

Tgt Ion: 128 Resp: 30775  
Ion Ratio Lower Upper  
128 100  
130 36.4 10.0 50.0  
64 53.4 28.8 68.8

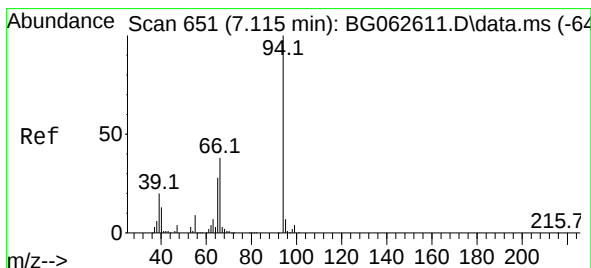
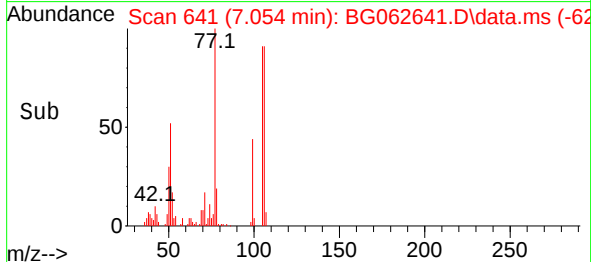
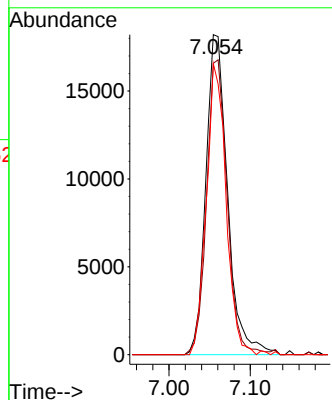
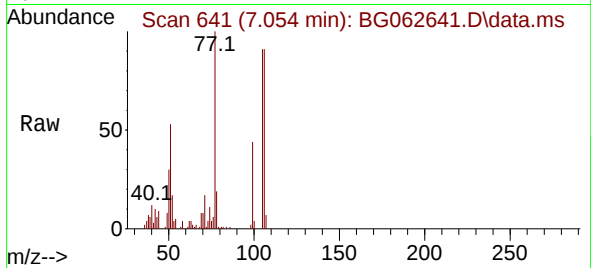




#9  
Benzaldehyde  
Concen: 14.561 ng  
RT: 7.054 min Scan# 641  
Delta R.T. -0.008 min  
Lab File: BG062641.D  
Acq: 4 Sep 2024 13:15

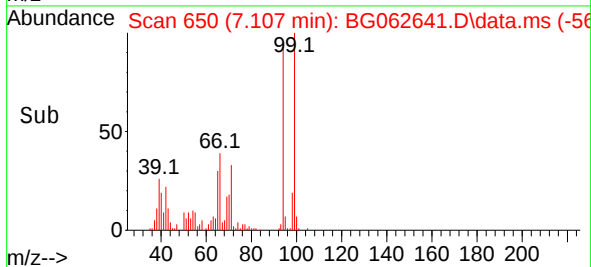
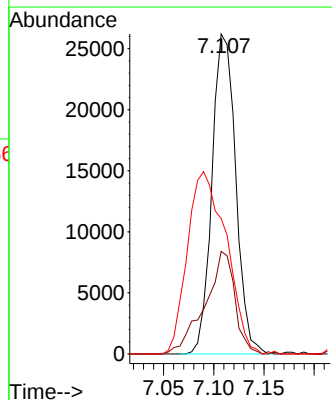
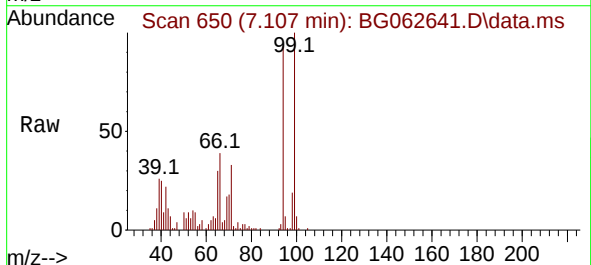
Instrument :  
BNA\_G  
ClientSampleId :  
LOQ-WATER-02-QT3-2024

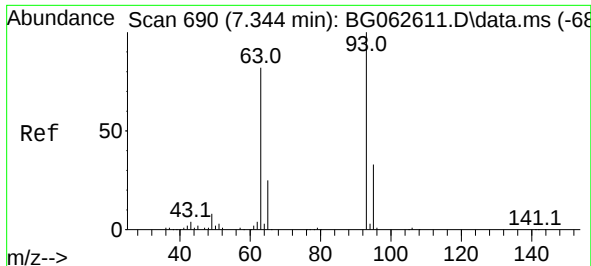
Tgt Ion: 77 Resp: 33806  
Ion Ratio Lower Upper  
77 100  
105 91.0 70.2 110.2  
106 91.0 65.4 105.4



#10  
Phenol  
Concen: 10.671 ng  
RT: 7.107 min Scan# 650  
Delta R.T. -0.008 min  
Lab File: BG062641.D  
Acq: 4 Sep 2024 13:15

Tgt Ion: 94 Resp: 43118  
Ion Ratio Lower Upper  
94 100  
65 32.0 8.6 48.6  
66 42.3 18.2 58.2





#11

bis(2-Chloroethyl)ether

Concen: 11.004 ng

RT: 7.342 min Scan# 690

Delta R.T. -0.002 min

Lab File: BG062641.D

Acq: 4 Sep 2024 13:15

Instrument :

BNA\_G

ClientSampleId :

LOQ-WATER-02-QT3-2024

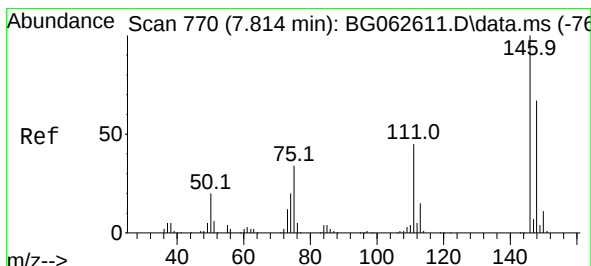
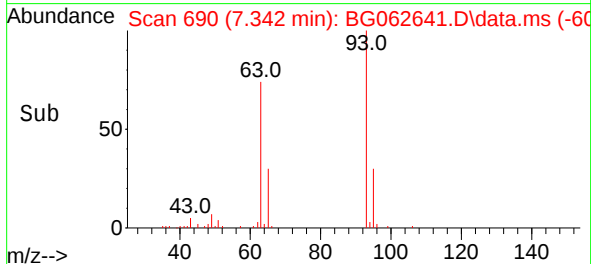
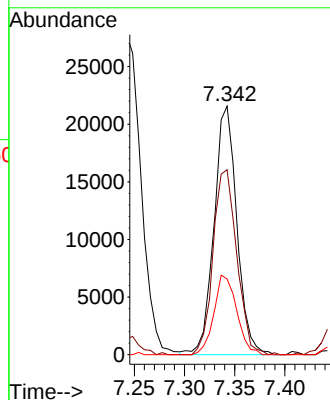
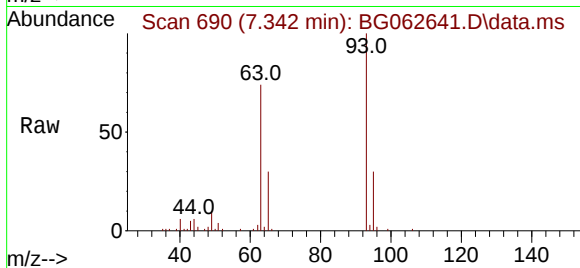
Tgt Ion: 93 Resp: 34040

Ion Ratio Lower Upper

93 100

63 74.4 61.9 101.9

95 30.4 12.9 52.9



#12

1,3-Dichlorobenzene

Concen: 10.933 ng

RT: 7.812 min Scan# 770

Delta R.T. -0.002 min

Lab File: BG062641.D

Acq: 4 Sep 2024 13:15

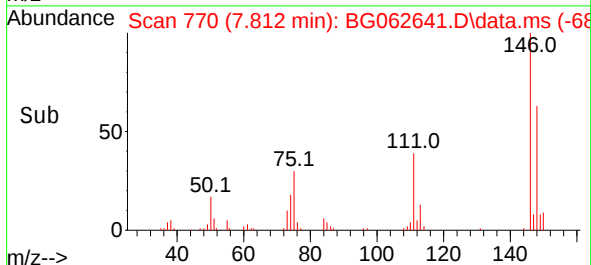
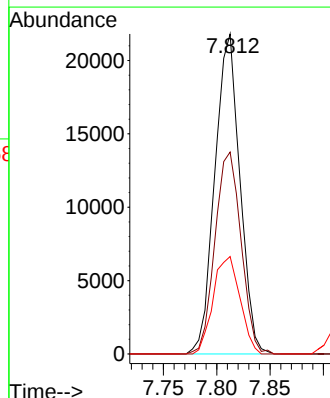
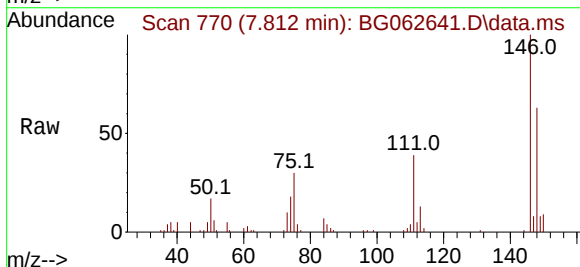
Tgt Ion:146 Resp: 35587

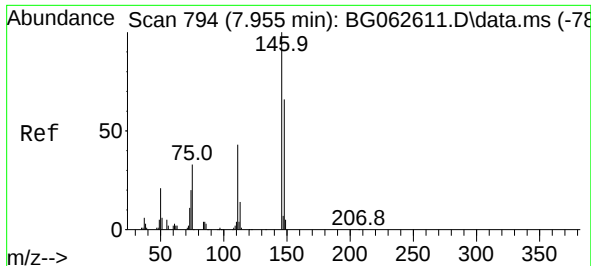
Ion Ratio Lower Upper

146 100

148 63.1 53.9 80.9

75 30.5 27.0 40.4





#13

1,4-Dichlorobenzene

Concen: 10.613 ng

RT: 7.959 min Scan# 795

Delta R.T. 0.004 min

Lab File: BG062641.D

Acq: 4 Sep 2024 13:15

Instrument :

BNA\_G

ClientSampleId :

LOQ-WATER-02-QT3-2024

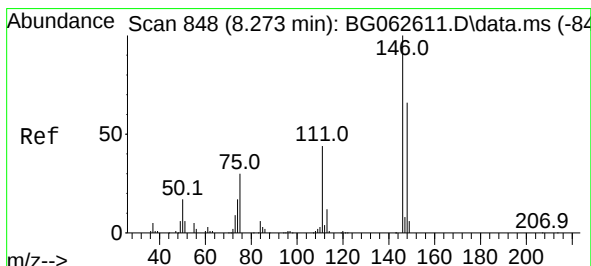
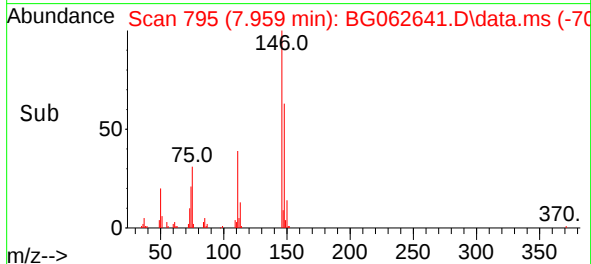
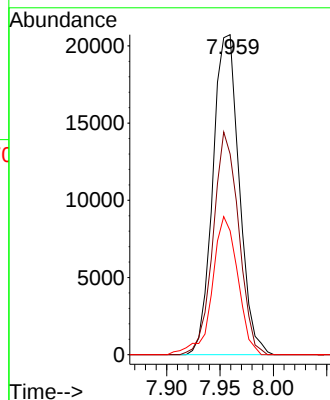
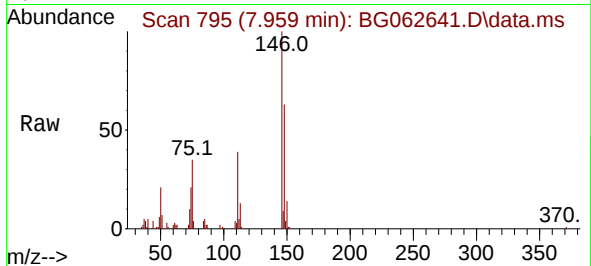
Tgt Ion:146 Resp: 35551

Ion Ratio Lower Upper

146 100

148 62.7 53.0 79.6

111 38.7 34.9 52.3



#14

1,2-Dichlorobenzene

Concen: 10.457 ng

RT: 8.277 min Scan# 849

Delta R.T. 0.004 min

Lab File: BG062641.D

Acq: 4 Sep 2024 13:15

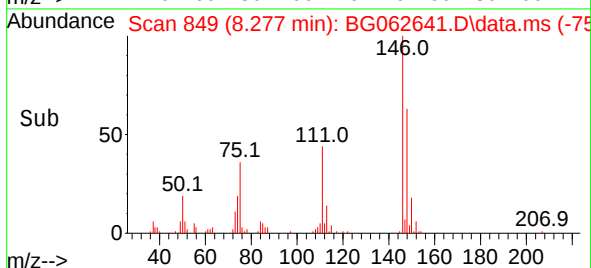
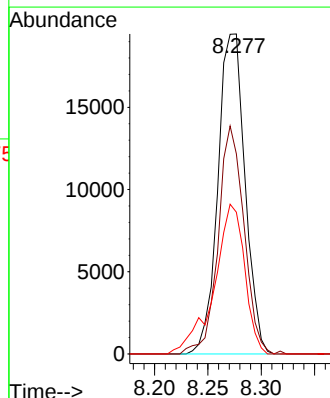
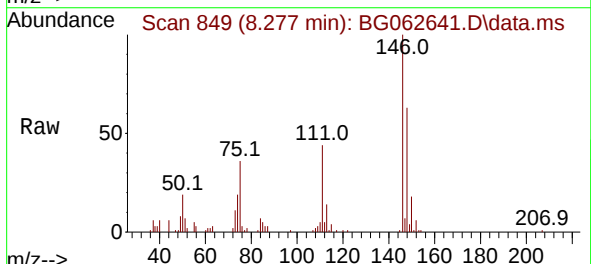
Tgt Ion:146 Resp: 34431

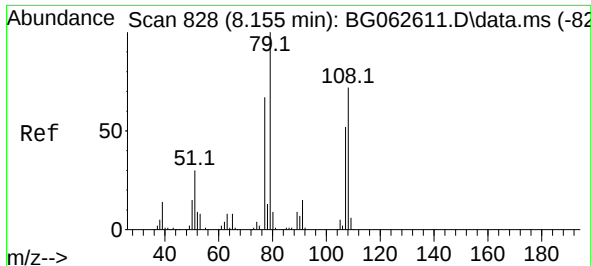
Ion Ratio Lower Upper

146 100

148 62.5 52.5 78.7

111 44.3 35.5 53.3

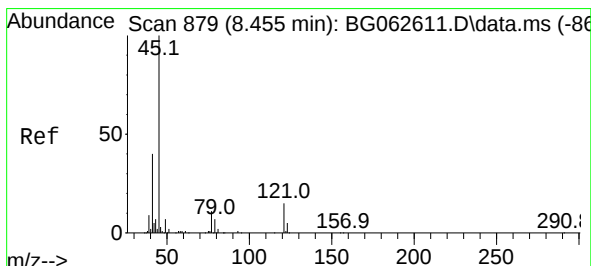
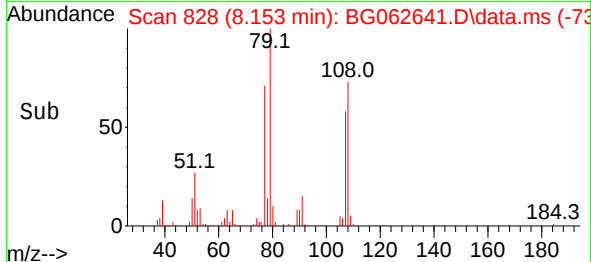
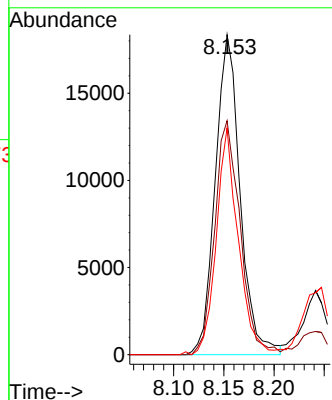
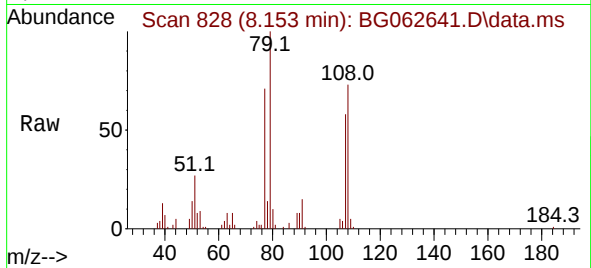




#15  
Benzyl Alcohol  
Concen: 10.692 ng  
RT: 8.153 min Scan# 81  
Delta R.T. -0.002 min  
Lab File: BG062641.D  
Acq: 4 Sep 2024 13:15

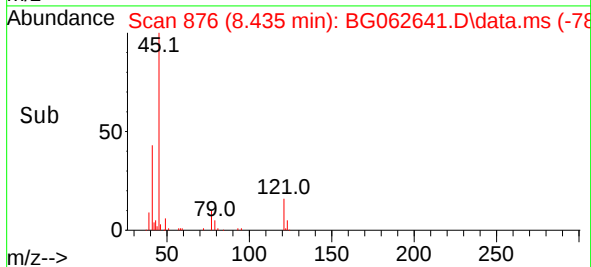
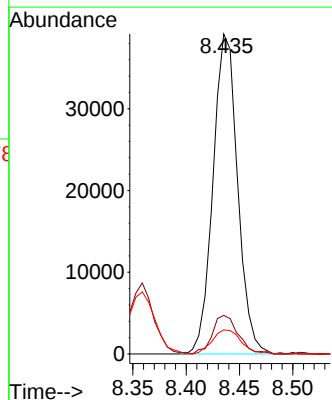
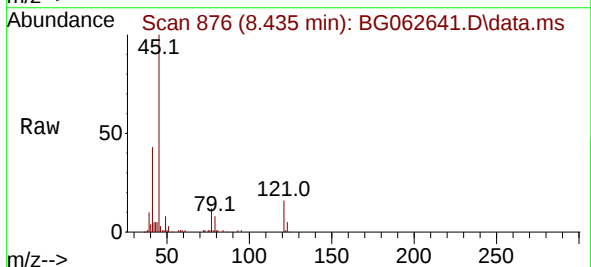
Instrument :  
BNA\_G  
ClientSampleId :  
LOQ-WATER-02-QT3-2024

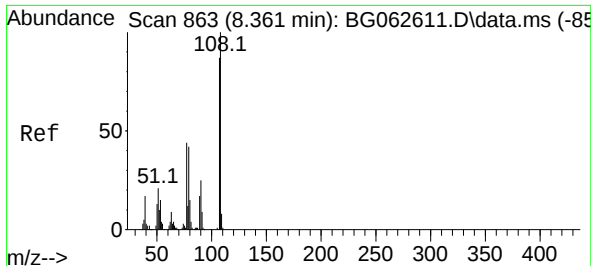
Tgt Ion: 79 Resp: 31576  
Ion Ratio Lower Upper  
79 100  
108 73.1 57.9 86.9  
77 70.8 53.4 80.2



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 10.638 ng  
RT: 8.435 min Scan# 876  
Delta R.T. -0.020 min  
Lab File: BG062641.D  
Acq: 4 Sep 2024 13:15

Tgt Ion: 45 Resp: 62719  
Ion Ratio Lower Upper  
45 100  
77 12.0 0.0 31.7  
79 7.5 0.0 28.3

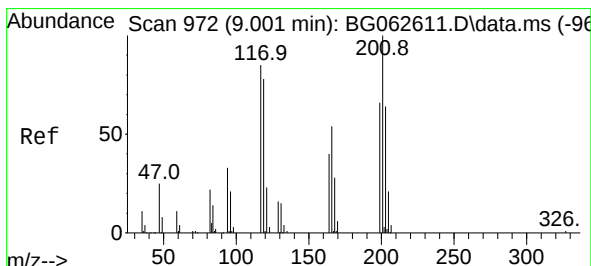
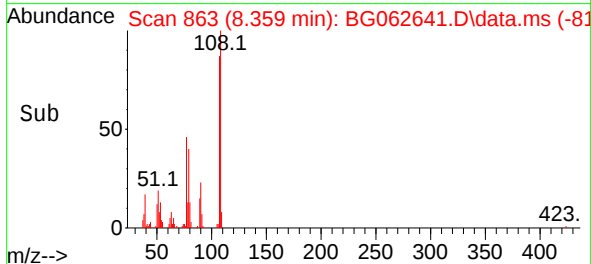
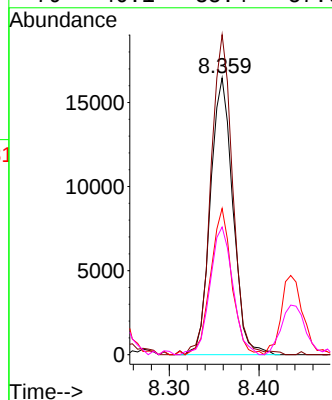
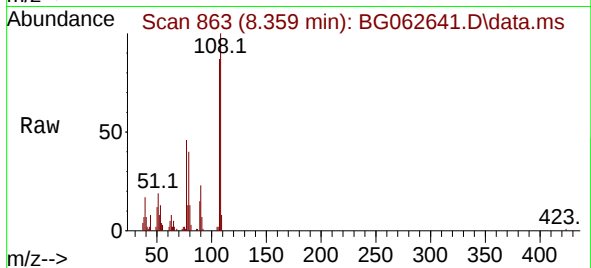




#17  
2-Methylphenol  
Concen: 10.120 ng  
RT: 8.359 min Scan# 863  
Delta R.T. -0.002 min  
Lab File: BG062641.D  
Acq: 4 Sep 2024 13:15

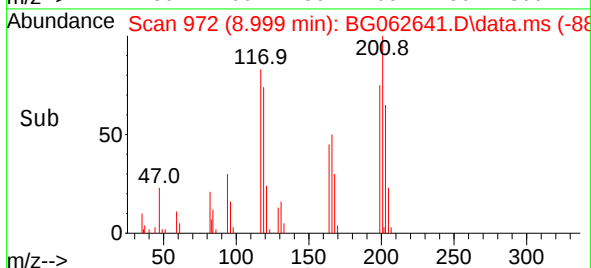
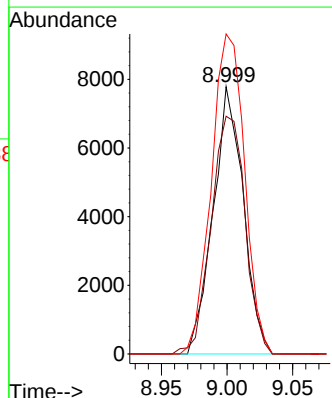
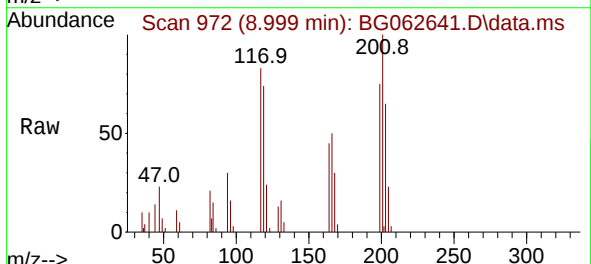
Instrument :  
BNA\_G  
ClientSampleId :  
LOQ-WATER-02-QT3-2024

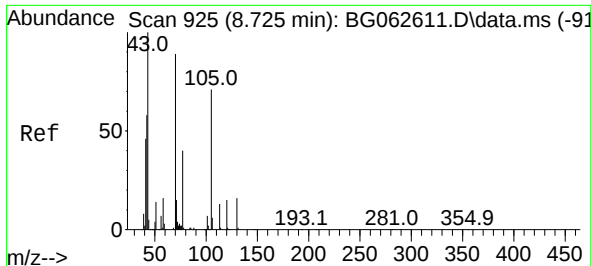
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 107   | Resp: | 28502 |
| Ion Ratio | Lower | Upper |       |
| 107       | 100   |       |       |
| 108       | 115.6 | 91.5  | 137.3 |
| 77        | 52.8  | 40.0  | 60.0  |
| 79        | 46.1  | 38.4  | 57.6  |



#18  
Hexachloroethane  
Concen: 9.904 ng  
RT: 8.999 min Scan# 972  
Delta R.T. -0.002 min  
Lab File: BG062641.D  
Acq: 4 Sep 2024 13:15

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 117   | Resp: | 12440 |
| Ion Ratio | Lower | Upper |       |
| 117       | 100   |       |       |
| 119       | 89.0  | 73.4  | 110.0 |
| 201       | 123.6 | 93.9  | 140.9 |



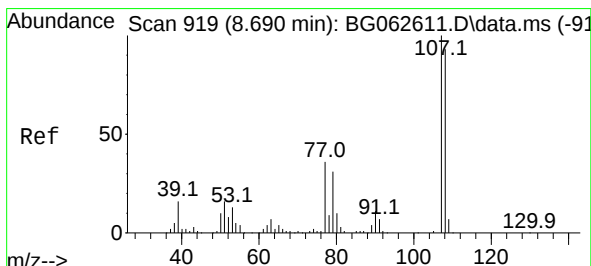
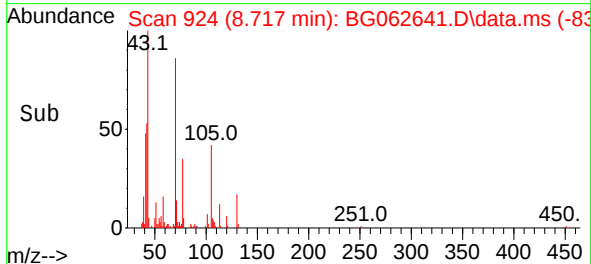
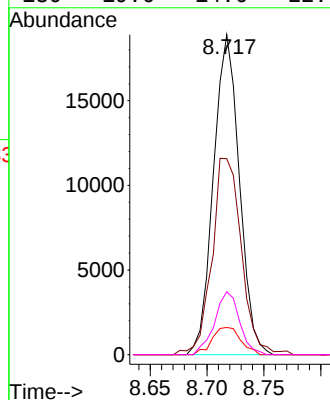
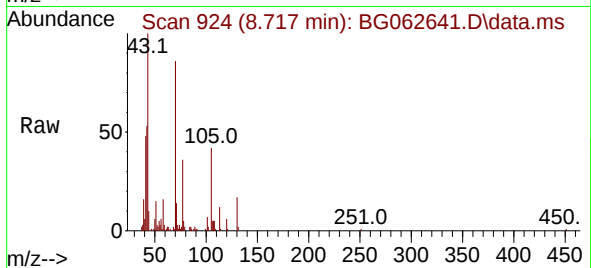


#19  
n-Nitroso-di-n-propylamine  
Concen: 9.520 ng  
RT: 8.717 min Scan# 91  
Delta R.T. -0.008 min  
Lab File: BG062641.D  
Acq: 4 Sep 2024 13:15

Instrument :  
BNA\_G  
ClientSampleId :  
LOQ-WATER-02-QT3-2024

Tgt Ion: 70 Resp: 29940

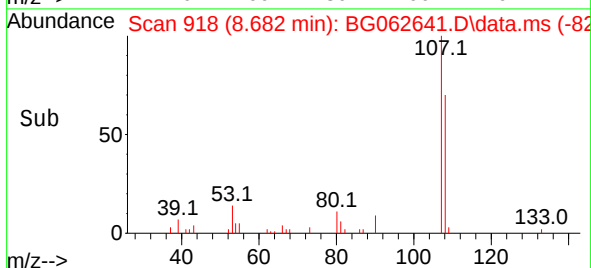
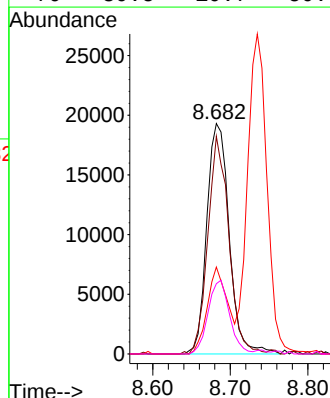
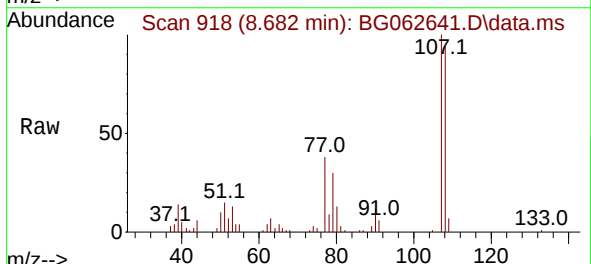
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 70  | 100   |       |       |
| 42  | 61.2  | 52.3  | 78.5  |
| 101 | 8.5   | 6.6   | 9.8   |
| 130 | 19.6  | 14.6  | 22.0  |

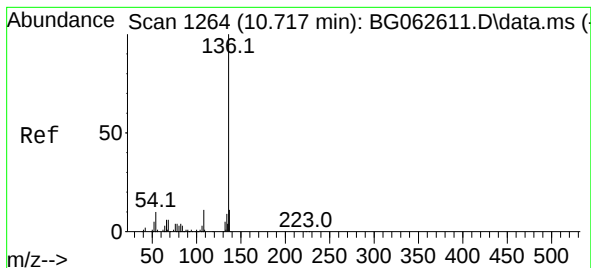


#20  
3+4-Methylphenols  
Concen: 9.314 ng  
RT: 8.682 min Scan# 918  
Delta R.T. -0.008 min  
Lab File: BG062641.D  
Acq: 4 Sep 2024 13:15

Tgt Ion: 107 Resp: 38703

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 107 | 100   |       |       |
| 108 | 94.5  | 72.7  | 112.7 |
| 77  | 37.7  | 16.5  | 56.5  |
| 79  | 30.5  | 10.7  | 50.7  |

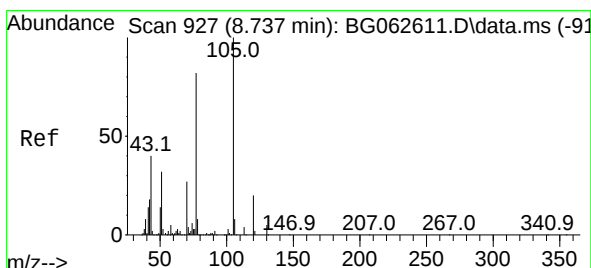
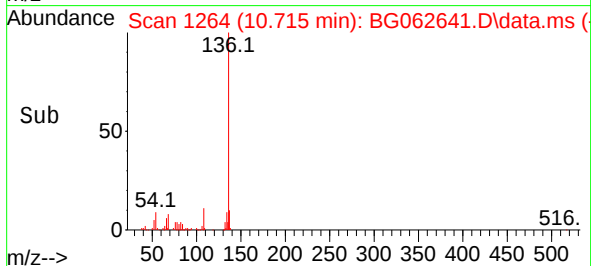
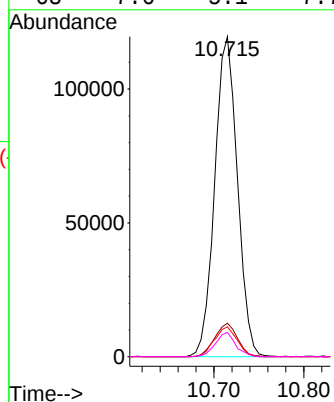
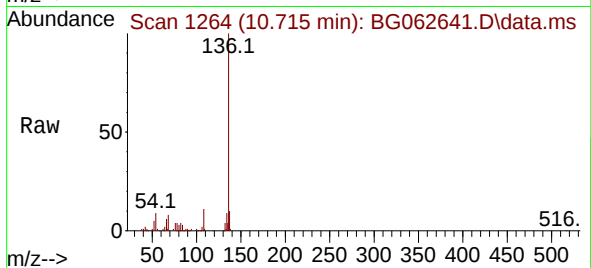




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.715 min Scan# 1264  
Delta R.T. -0.002 min  
Lab File: BG062641.D  
Acq: 4 Sep 2024 13:15

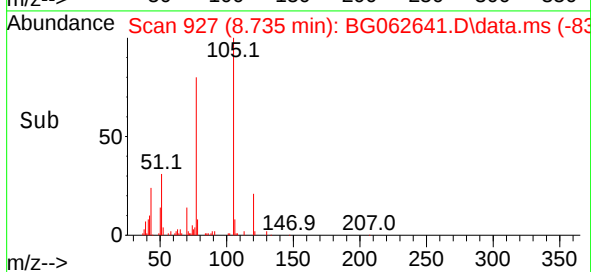
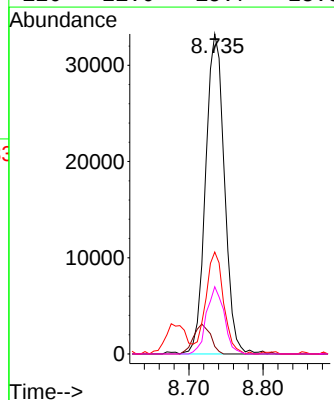
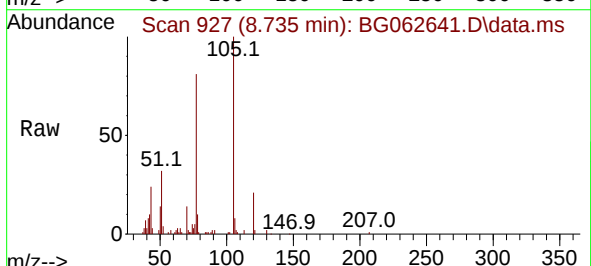
Instrument : BNA\_G  
ClientSampleId : LOQ-WATER-02-QT3-2024

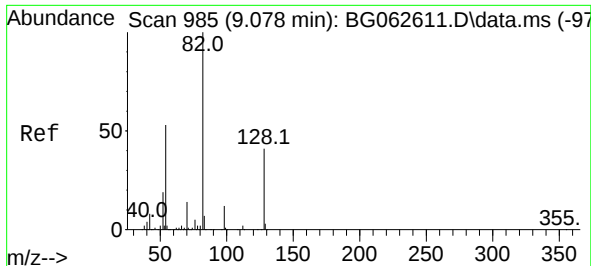
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 136   | Resp: | 209365 |
| Ion Ratio | Lower | Upper |        |
| 136       | 100   |       |        |
| 137       | 10.5  | 9.0   | 13.4   |
| 54        | 9.3   | 7.8   | 11.6   |
| 68        | 7.6   | 5.1   | 7.7    |



#22  
Acetophenone  
Concen: 10.401 ng  
RT: 8.735 min Scan# 927  
Delta R.T. -0.002 min  
Lab File: BG062641.D  
Acq: 4 Sep 2024 13:15

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 105   | Resp: | 58748 |
| Ion Ratio | Lower | Upper |       |
| 105       | 100   |       |       |
| 71        | 2.4   | 3.5   | 5.3#  |
| 51        | 31.8  | 25.7  | 38.5  |
| 120       | 21.0  | 15.7  | 23.5  |





#23

Nitrobenzene-d5

Concen: 89.776 ng

RT: 9.076 min Scan# 91

Delta R.T. -0.002 min

Lab File: BG062641.D

Acq: 4 Sep 2024 13:15

Instrument :

BNA\_G

ClientSampleId :

LOQ-WATER-02-QT3-2024

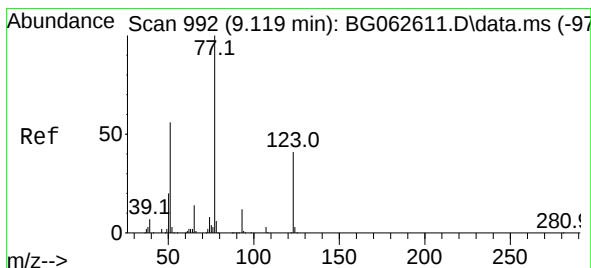
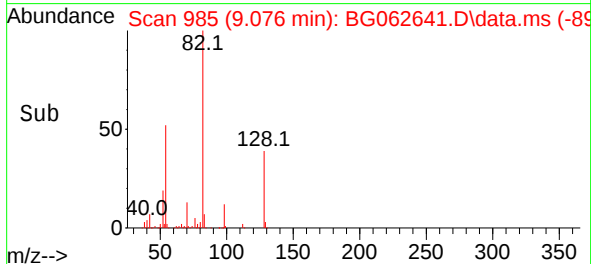
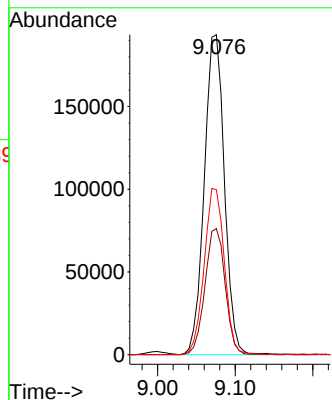
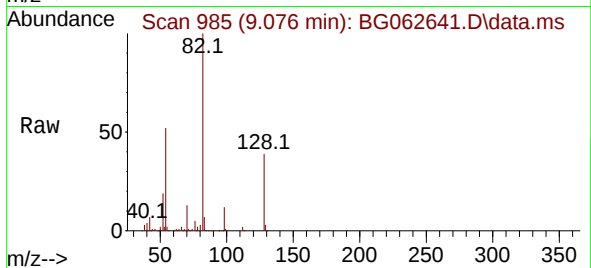
Tgt Ion: 82 Resp: 349002

Ion Ratio Lower Upper

82 100

128 39.4 32.5 48.7

54 51.6 42.5 63.7



#24

Nitrobenzene

Concen: 10.414 ng

RT: 9.117 min Scan# 992

Delta R.T. -0.002 min

Lab File: BG062641.D

Acq: 4 Sep 2024 13:15

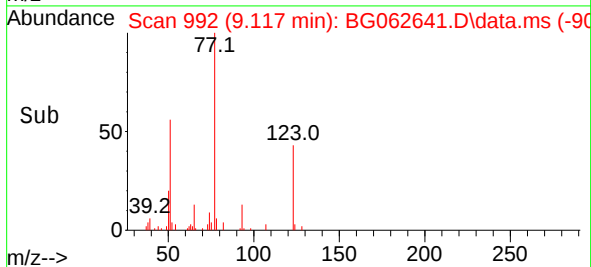
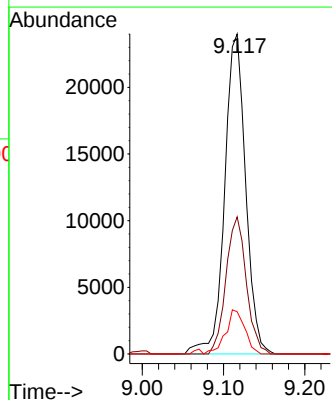
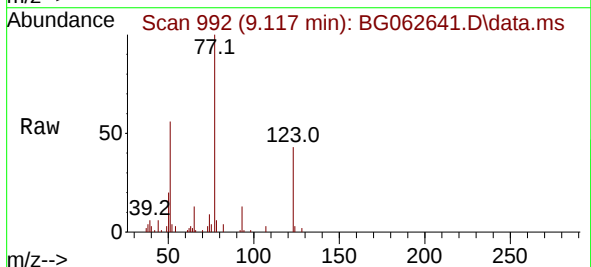
Tgt Ion: 77 Resp: 43044

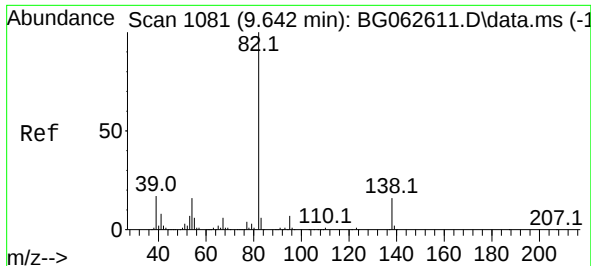
Ion Ratio Lower Upper

77 100

123 42.8 33.1 49.7

65 13.2 11.0 16.4





#25

Isophorone

Concen: 10.278 ng

RT: 9.634 min Scan# 1108

Delta R.T. -0.008 min

Lab File: BG062641.D

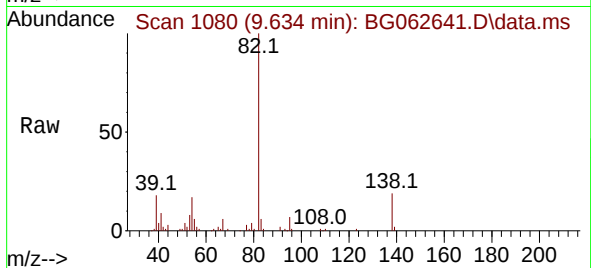
Acq: 4 Sep 2024 13:15

Instrument :

BNA\_G

ClientSampleId :

LOQ-WATER-02-QT3-2024



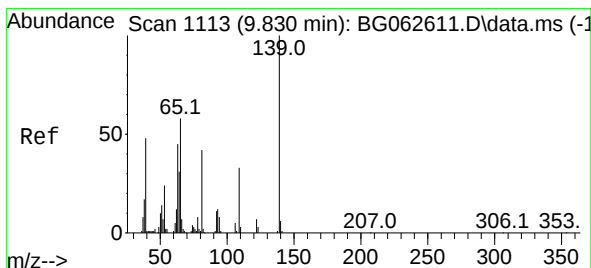
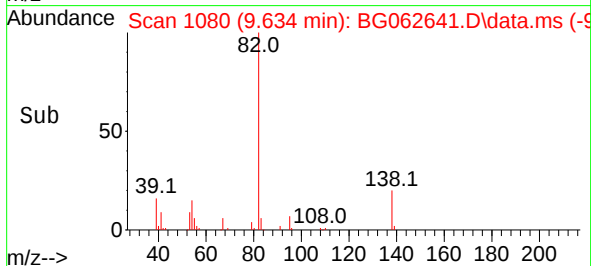
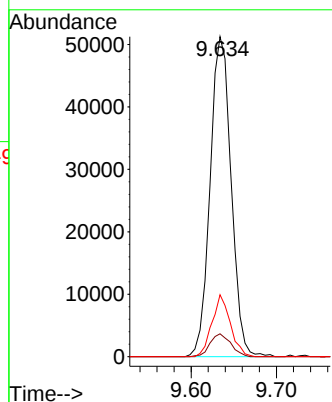
Tgt Ion: 82 Resp: 87705

Ion Ratio Lower Upper

82 100

95 7.1 5.4 8.0

138 19.4 12.6 18.8#



#26

2-Nitrophenol

Concen: 10.710 ng

RT: 9.822 min Scan# 1112

Delta R.T. -0.008 min

Lab File: BG062641.D

Acq: 4 Sep 2024 13:15

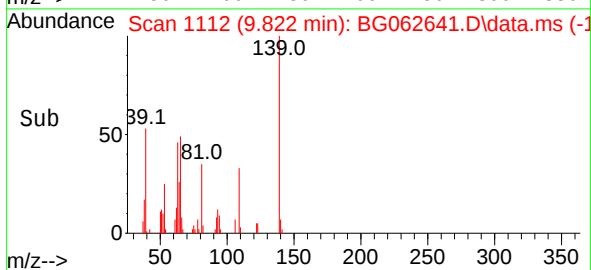
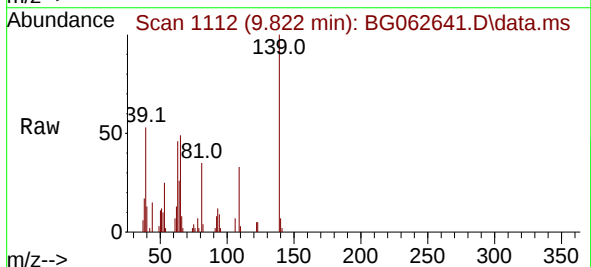
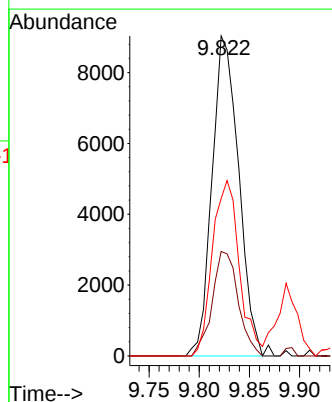
Tgt Ion:139 Resp: 16727

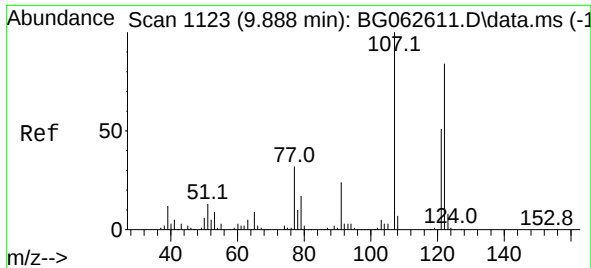
Ion Ratio Lower Upper

139 100

109 32.7 26.6 39.8

65 49.2 46.5 69.7





#27

2,4-Dimethylphenol

Concen: 10.902 ng

RT: 9.886 min Scan# 1123

Delta R.T. -0.002 min

Lab File: BG062641.D

Acq: 4 Sep 2024 13:15

Instrument :

BNA\_G

ClientSampleId :

LOQ-WATER-02-QT3-2024

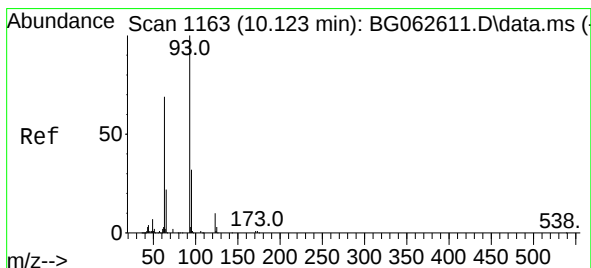
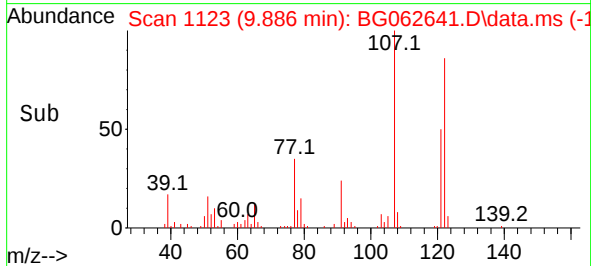
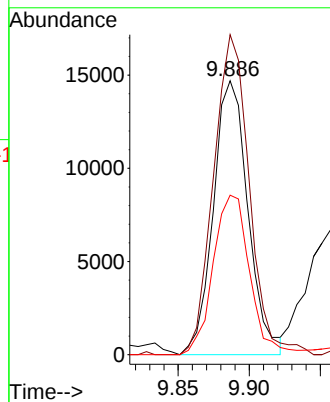
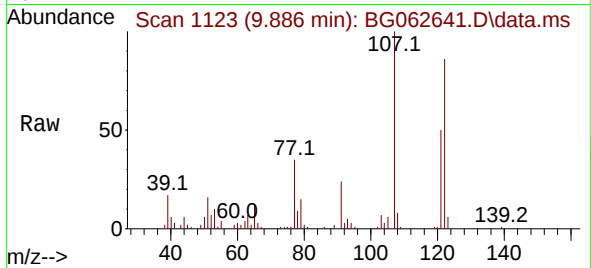
Tgt Ion:122 Resp: 24947

Ion Ratio Lower Upper

122 100

107 116.8 95.8 143.6

121 58.2 48.6 72.8



#28

bis(2-Chloroethoxy)methane

Concen: 10.835 ng

RT: 10.121 min Scan# 1163

Delta R.T. -0.002 min

Lab File: BG062641.D

Acq: 4 Sep 2024 13:15

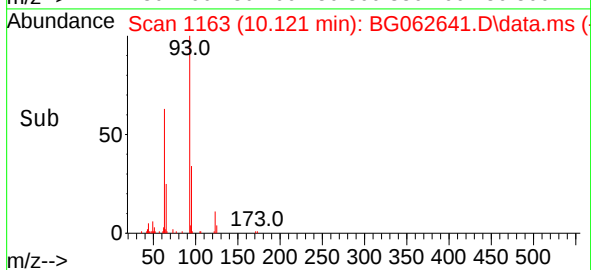
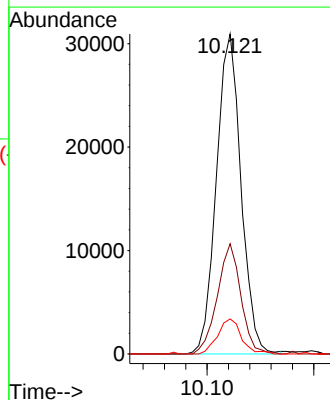
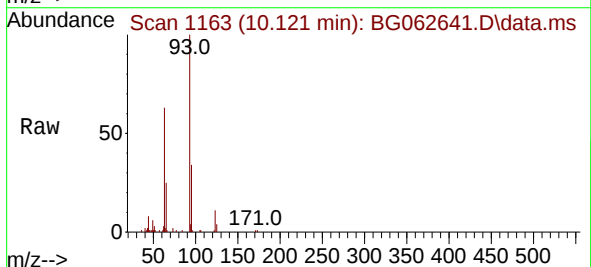
Tgt Ion: 93 Resp: 49497

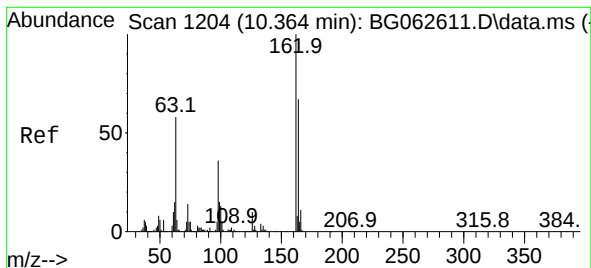
Ion Ratio Lower Upper

93 100

95 34.4 25.4 38.0

123 10.9 7.9 11.9





#29

2,4-Dichlorophenol

Concen: 11.153 ng

RT: 10.362 min Scan# 1204

Delta R.T. -0.002 min

Lab File: BG062641.D

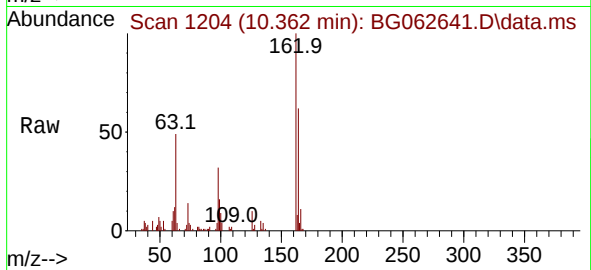
Acq: 4 Sep 2024 13:15

Instrument :

BNA\_G

ClientSampleId :

LOQ-WATER-02-QT3-2024



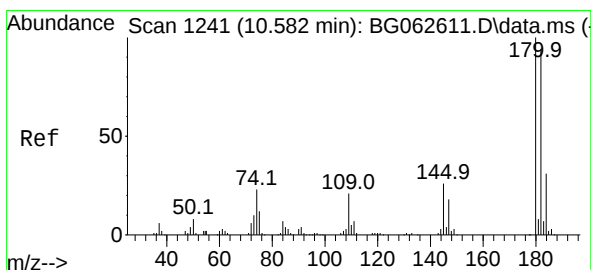
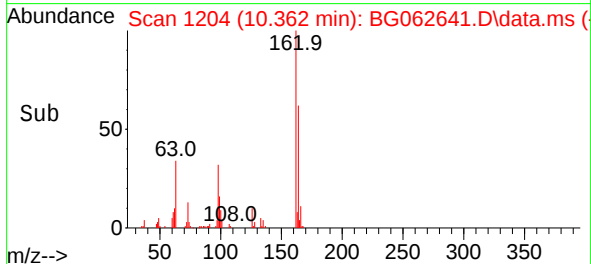
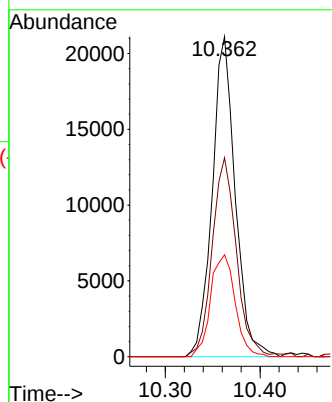
Tgt Ion:162 Resp: 35686

Ion Ratio Lower Upper

162 100

164 62.2 46.8 86.8

98 31.8 16.4 56.4



#30

1,2,4-Trichlorobenzene

Concen: 11.122 ng

RT: 10.574 min Scan# 1240

Delta R.T. -0.008 min

Lab File: BG062641.D

Acq: 4 Sep 2024 13:15

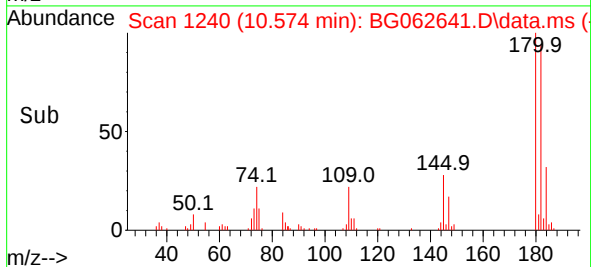
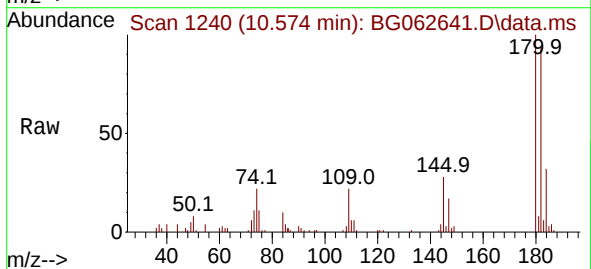
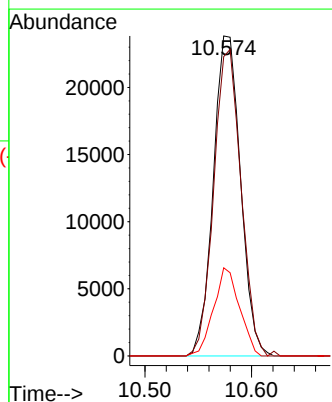
Tgt Ion:180 Resp: 42186

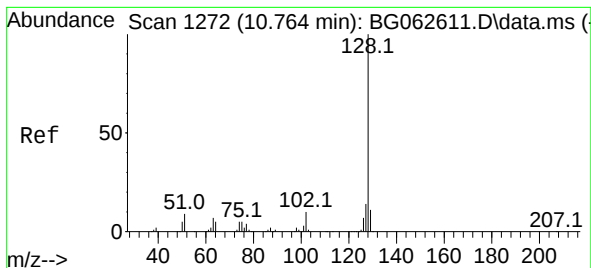
Ion Ratio Lower Upper

180 100

182 93.6 75.1 112.7

145 27.5 20.8 31.2





#31

Naphthalene

Concen: 10.871 ng

RT: 10.762 min Scan# 11

Delta R.T. -0.002 min

Lab File: BG062641.D

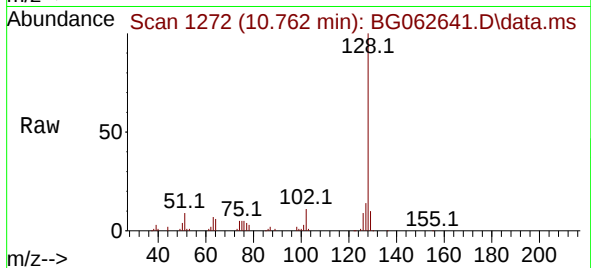
Acq: 4 Sep 2024 13:15

Instrument :

BNA\_G

ClientSampleId :

LOQ-WATER-02-QT3-2024



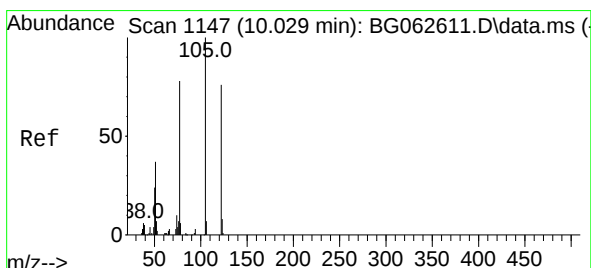
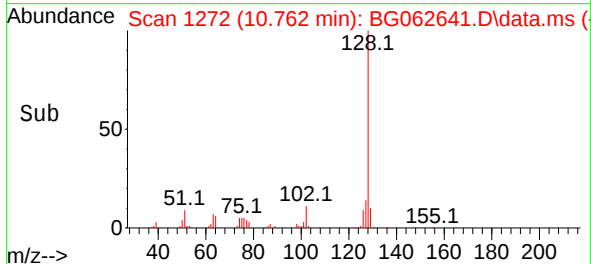
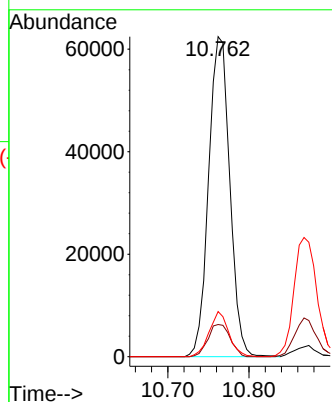
Tgt Ion:128 Resp: 112808

Ion Ratio Lower Upper

128 100

129 10.1 8.8 13.2

127 14.1 11.3 16.9



#32

Benzoic acid

Concen: 5.818 ng

RT: 9.957 min Scan# 1135

Delta R.T. -0.072 min

Lab File: BG062641.D

Acq: 4 Sep 2024 13:15

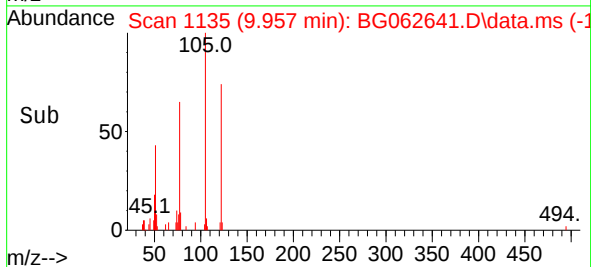
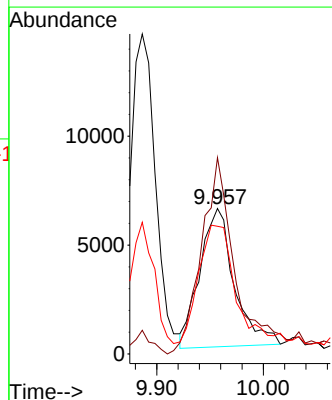
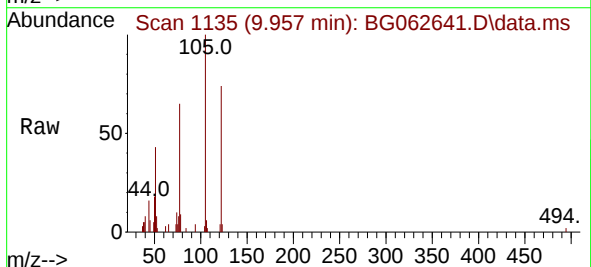
Tgt Ion:122 Resp: 14320

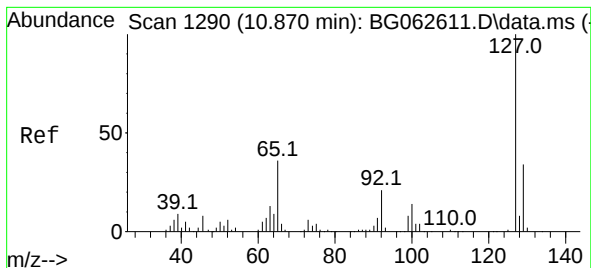
Ion Ratio Lower Upper

122 100

105 134.9 105.7 145.7

77 87.8 79.9 119.9

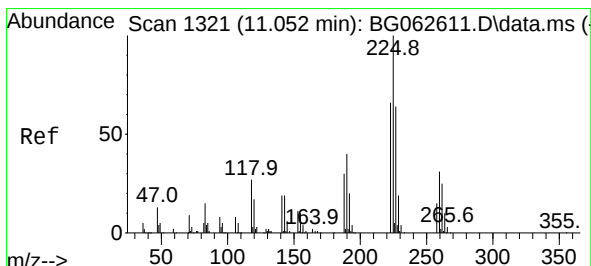
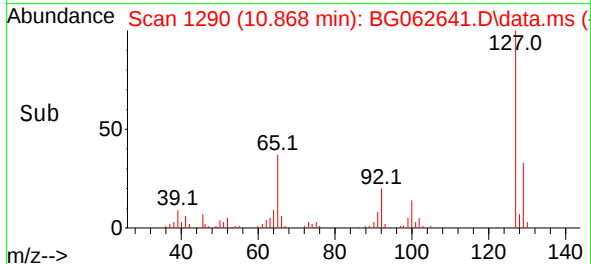
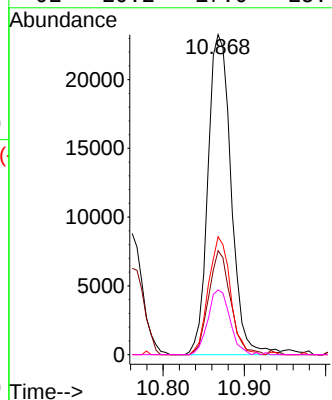
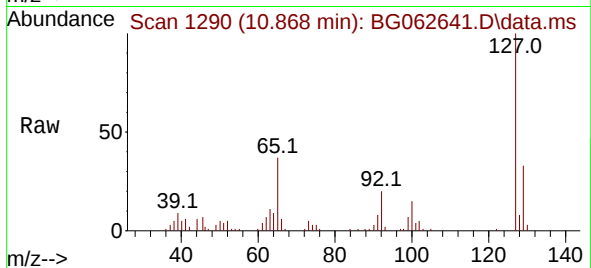




#33  
4-Chloroaniline  
Concen: 11.299 ng  
RT: 10.868 min Scan# 1290  
Delta R.T. -0.002 min  
Lab File: BG062641.D  
Acq: 4 Sep 2024 13:15

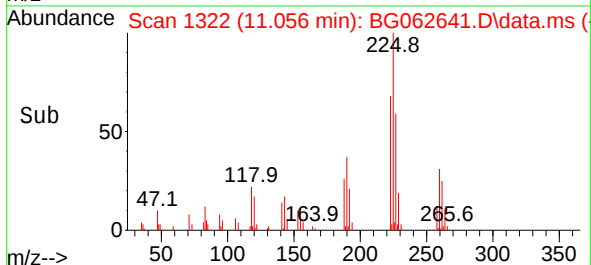
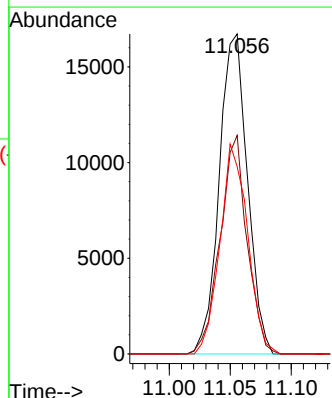
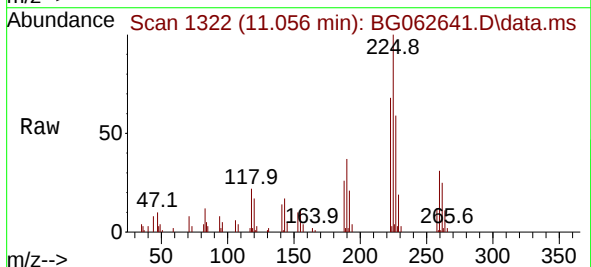
Instrument :  
BNA\_G  
ClientSampleId :  
LOQ-WATER-02-QT3-2024

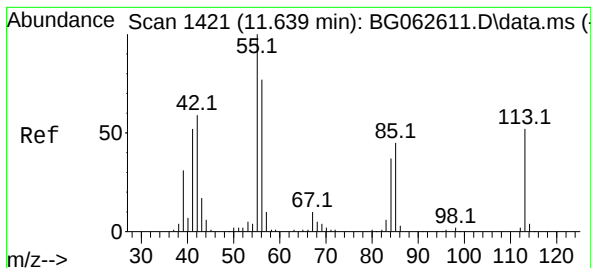
|             |       |             |
|-------------|-------|-------------|
| Tgt Ion:127 | Resp: | 46145       |
| Ion         | Ratio | Lower Upper |
| 127         | 100   |             |
| 129         | 32.5  | 27.3 40.9   |
| 65          | 36.9  | 29.0 43.4   |
| 92          | 20.2  | 17.0 25.4   |



#34  
Hexachlorobutadiene  
Concen: 10.163 ng  
RT: 11.056 min Scan# 1322  
Delta R.T. 0.004 min  
Lab File: BG062641.D  
Acq: 4 Sep 2024 13:15

|             |       |             |
|-------------|-------|-------------|
| Tgt Ion:225 | Resp: | 26922       |
| Ion         | Ratio | Lower Upper |
| 225         | 100   |             |
| 223         | 68.3  | 50.1 75.1   |
| 227         | 56.4  | 48.9 73.3   |





#35

Caprolactam

Concen: 9.918 ng

RT: 11.614 min Scan# 1417

Delta R.T. -0.025 min

Lab File: BG062641.D

Acq: 4 Sep 2024 13:15

Instrument :

BNA\_G

ClientSampleId :

LOQ-WATER-02-QT3-2024

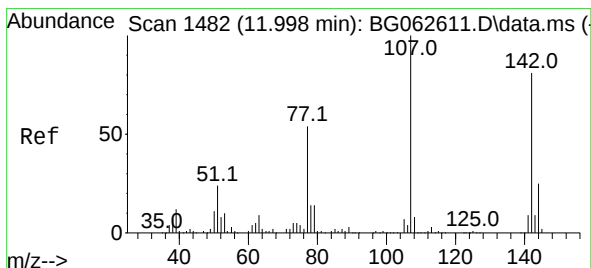
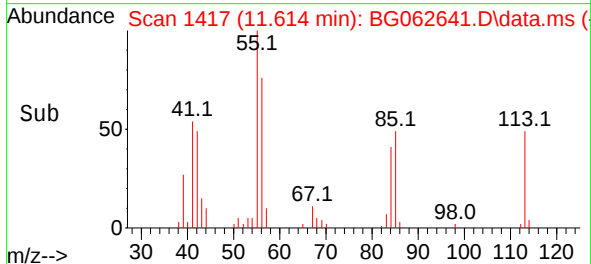
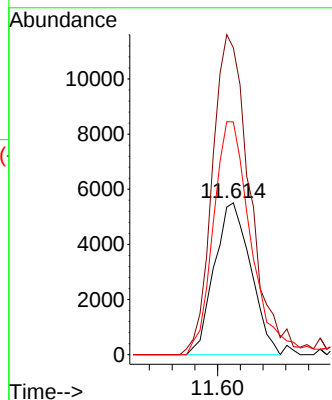
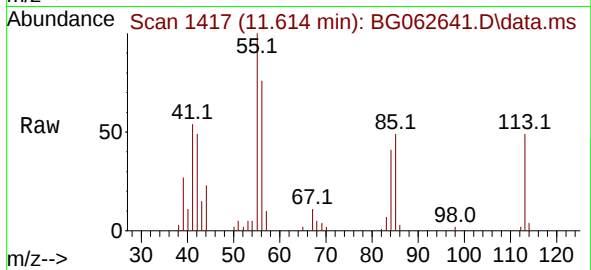
Tgt Ion:113 Resp: 12233

Ion Ratio Lower Upper

113 100

55 202.1 174.1 214.1

56 153.3 129.8 169.8



#36

4-Chloro-3-methylphenol

Concen: 9.963 ng

RT: 11.990 min Scan# 1481

Delta R.T. -0.008 min

Lab File: BG062641.D

Acq: 4 Sep 2024 13:15

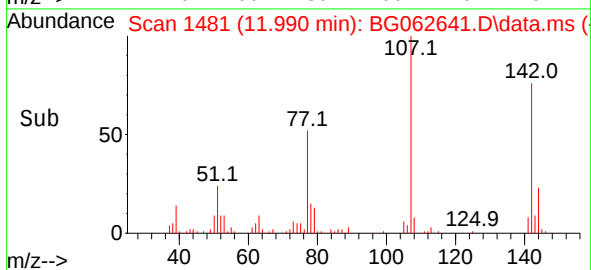
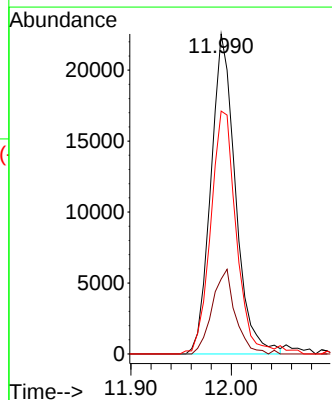
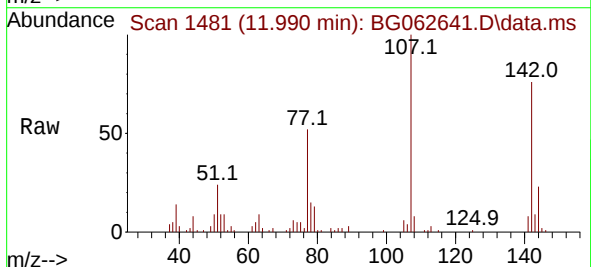
Tgt Ion:107 Resp: 38453

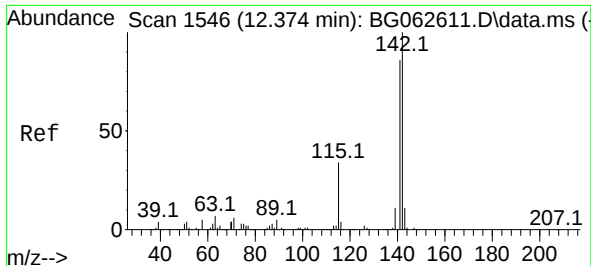
Ion Ratio Lower Upper

107 100

144 23.4 19.8 29.8

142 75.9 64.7 97.1





#37

2-Methylnaphthalene

Concen: 10.406 ng

RT: 12.372 min Scan# 1546

Delta R.T. -0.002 min

Lab File: BG062641.D

Acq: 4 Sep 2024 13:15

Instrument :

BNA\_G

ClientSampleId :

LOQ-WATER-02-QT3-2024

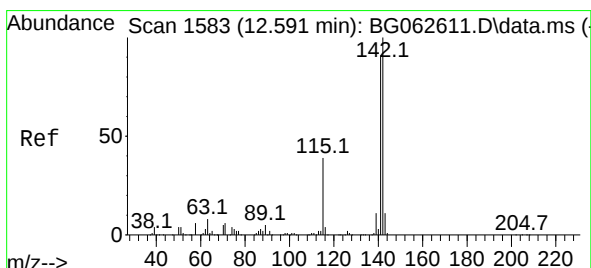
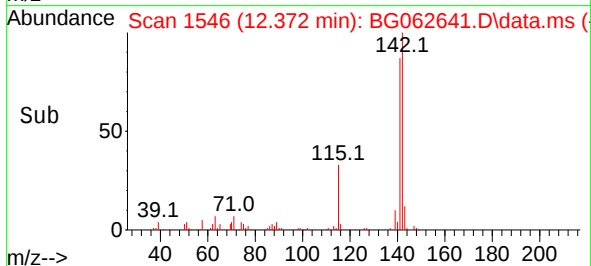
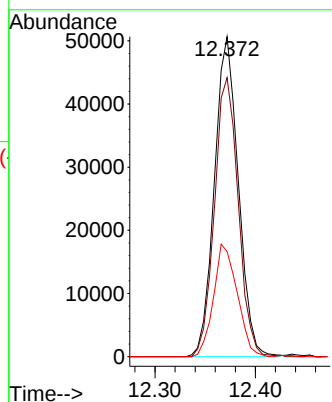
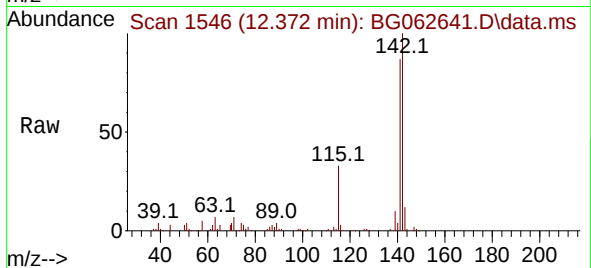
Tgt Ion:142 Resp: 83753

Ion Ratio Lower Upper

142 100

141 87.2 68.9 103.3

115 32.8 27.5 41.3



#38

1-Methylnaphthalene

Concen: 9.933 ng

RT: 12.589 min Scan# 1583

Delta R.T. -0.002 min

Lab File: BG062641.D

Acq: 4 Sep 2024 13:15

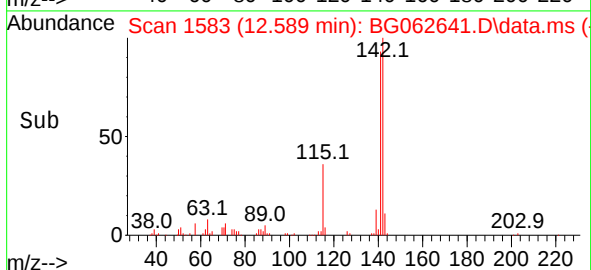
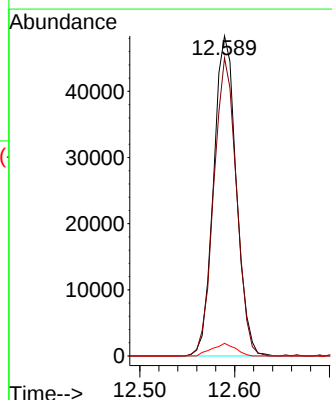
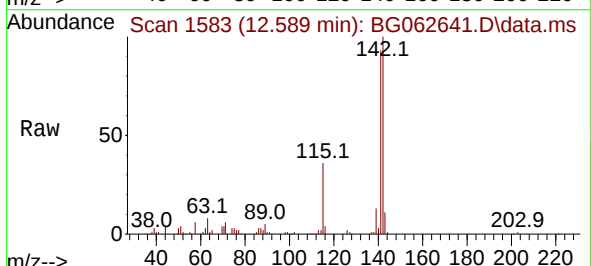
Tgt Ion:142 Resp: 80281

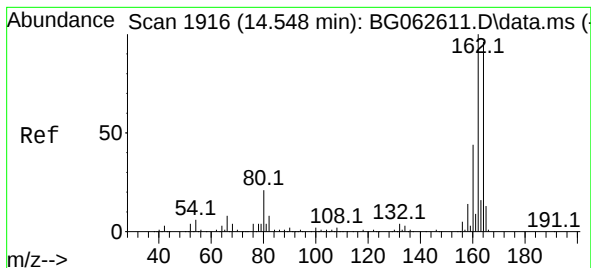
Ion Ratio Lower Upper

142 100

141 93.2 73.0 109.4

116 4.0 3.2 4.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.546 min Scan# 1

Delta R.T. -0.002 min

Lab File: BG062641.D

Acq: 4 Sep 2024 13:15

Instrument :

BNA\_G

ClientSampleId :

LOQ-WATER-02-QT3-2024

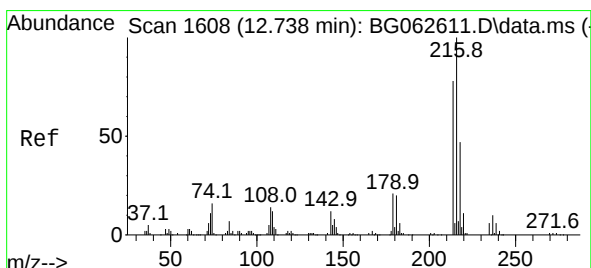
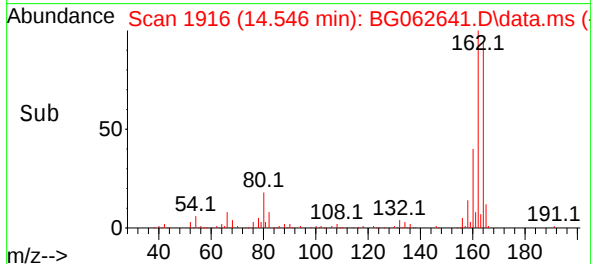
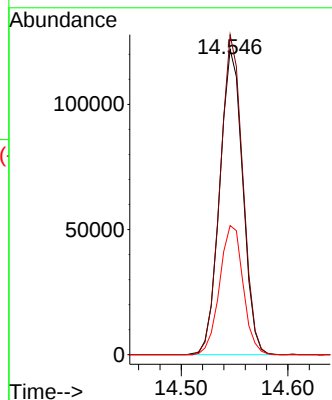
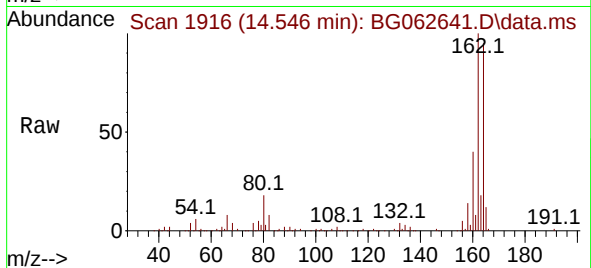
Tgt Ion:164 Resp: 182670

Ion Ratio Lower Upper

164 100

162 104.8 83.1 124.7

160 42.3 36.2 54.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 10.636 ng

RT: 12.736 min Scan# 1608

Delta R.T. -0.002 min

Lab File: BG062641.D

Acq: 4 Sep 2024 13:15

Tgt Ion:216 Resp: 58431

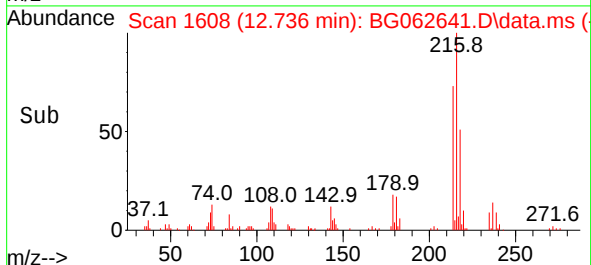
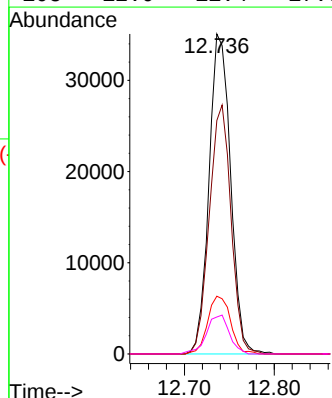
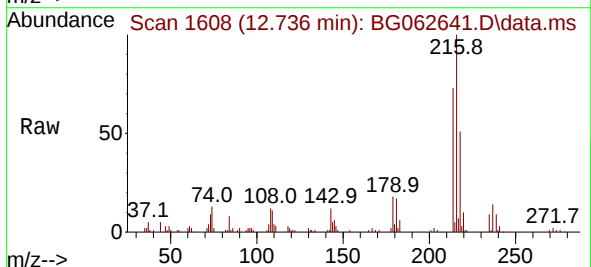
Ion Ratio Lower Upper

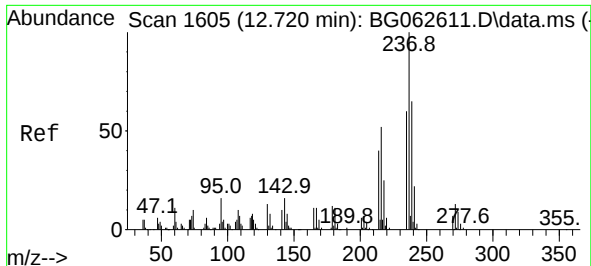
216 100

214 78.3 61.6 92.4

179 19.2 15.9 23.9

108 12.9 11.4 17.0

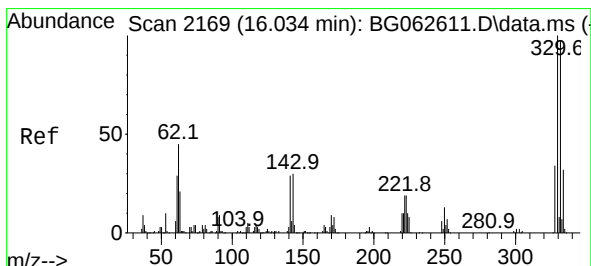
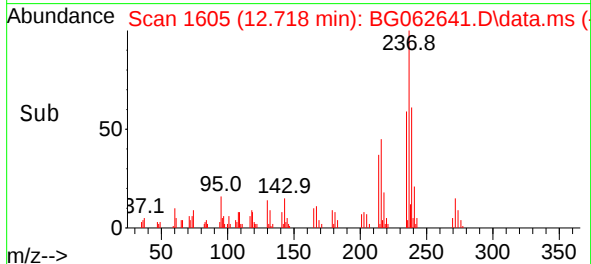
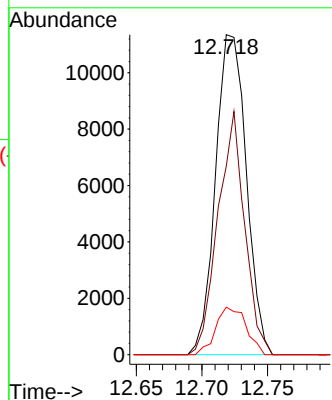
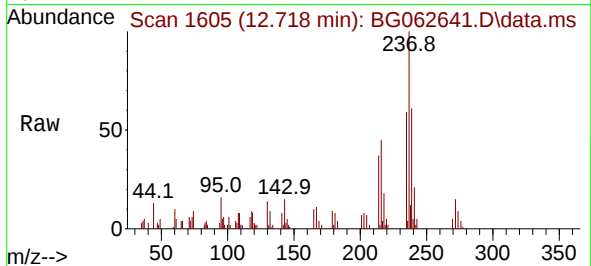




#41  
Hexachlorocyclopentadiene  
Concen: 11.827 ng  
RT: 12.718 min Scan# 1  
Delta R.T. -0.002 min  
Lab File: BG062641.D  
Acq: 4 Sep 2024 13:15

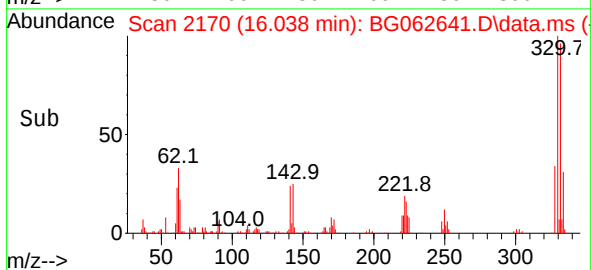
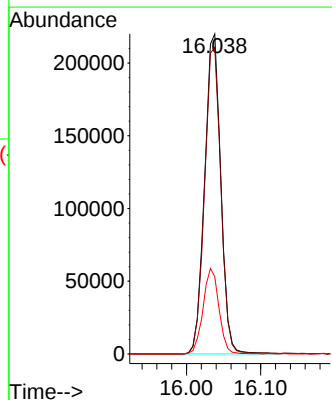
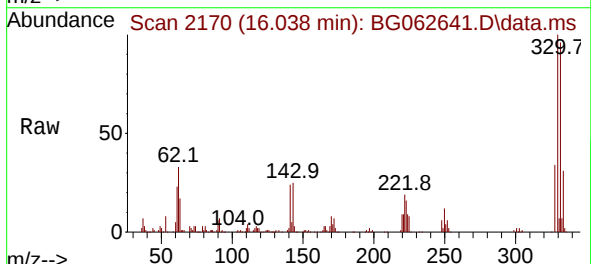
Instrument :  
BNA\_G  
ClientSampleId :  
LOQ-WATER-02-QT3-2024

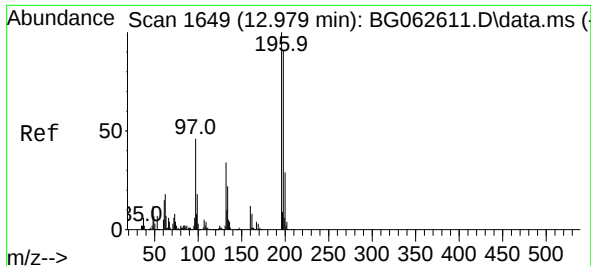
Tgt Ion:237 Resp: 18537  
Ion Ratio Lower Upper  
237 100  
235 58.9 40.4 80.4  
272 14.8 0.0 32.7



#42  
2,4,6-Tribromophenol  
Concen: 129.624 ng  
RT: 16.038 min Scan# 2170  
Delta R.T. 0.004 min  
Lab File: BG062641.D  
Acq: 4 Sep 2024 13:15

Tgt Ion:330 Resp: 333231  
Ion Ratio Lower Upper  
330 100  
332 96.3 77.2 115.8  
141 26.2 22.2 33.4

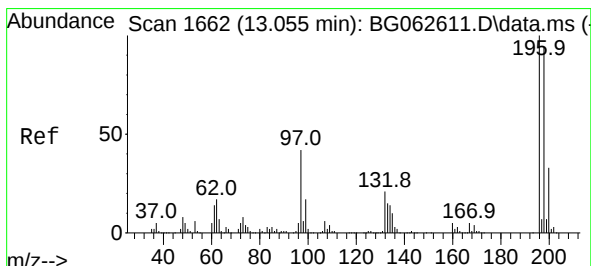
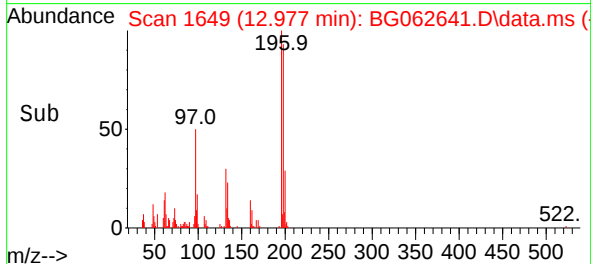
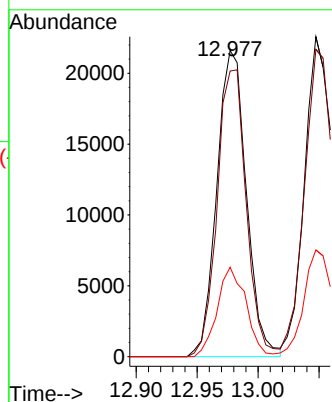
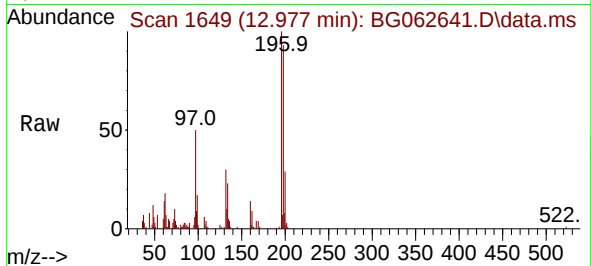




#43  
2,4,6-Trichlorophenol  
Concen: 10.489 ng  
RT: 12.977 min Scan# 1649  
Delta R.T. -0.002 min  
Lab File: BG062641.D  
Acq: 4 Sep 2024 13:15

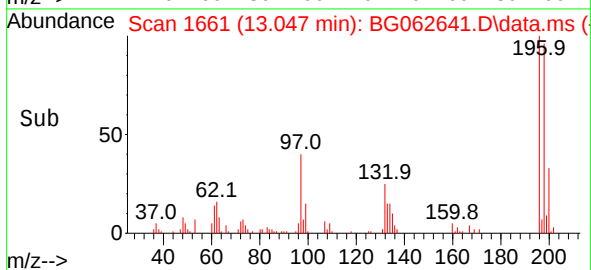
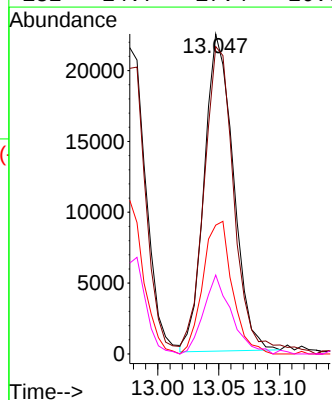
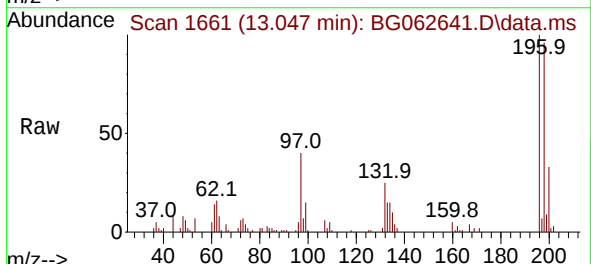
Instrument : BNA\_G  
ClientSampleId : LOQ-WATER-02-QT3-2024

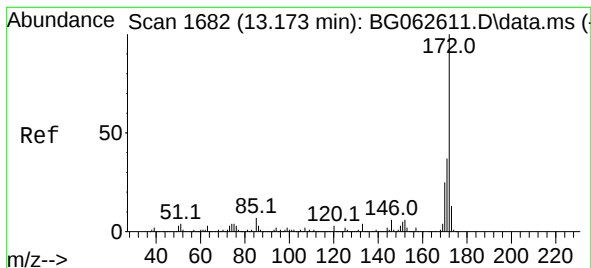
Tgt Ion:196 Resp: 36527  
Ion Ratio Lower Upper  
196 100  
198 93.2 72.8 109.2  
200 29.2 23.5 35.3



#44  
2,4,5-Trichlorophenol  
Concen: 9.409 ng  
RT: 13.047 min Scan# 1661  
Delta R.T. -0.008 min  
Lab File: BG062641.D  
Acq: 4 Sep 2024 13:15

Tgt Ion:196 Resp: 37107  
Ion Ratio Lower Upper  
196 100  
198 96.1 75.5 113.3  
97 40.3 34.1 51.1  
132 24.7 17.4 26.0





#45

2-Fluorobiphenyl

Concen: 84.223 ng

RT: 13.171 min Scan# 1

Delta R.T. -0.002 min

Lab File: BG062641.D

Acq: 4 Sep 2024 13:15

Instrument :

BNA\_G

ClientSampleId :

LOQ-WATER-02-QT3-2024

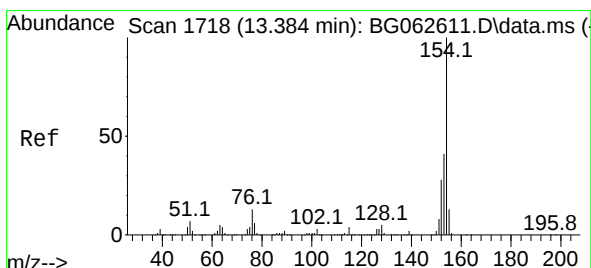
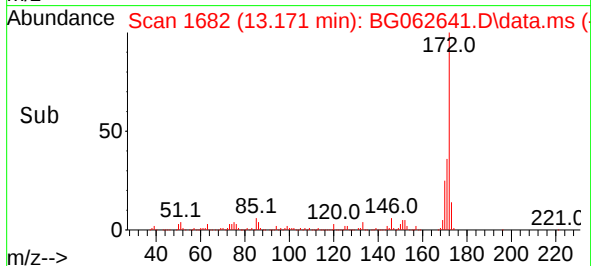
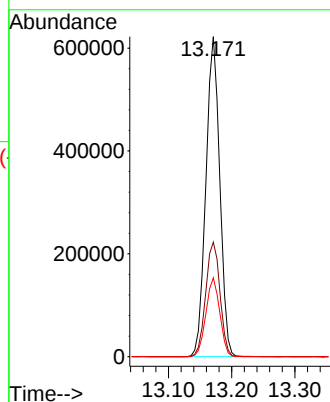
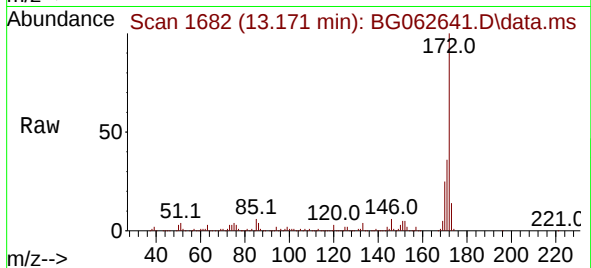
Tgt Ion:172 Resp: 949818

Ion Ratio Lower Upper

172 100

171 35.8 29.7 44.5

170 24.6 20.0 30.0



#46

1,1'-Biphenyl

Concen: 10.532 ng

RT: 13.377 min Scan# 1717

Delta R.T. -0.008 min

Lab File: BG062641.D

Acq: 4 Sep 2024 13:15

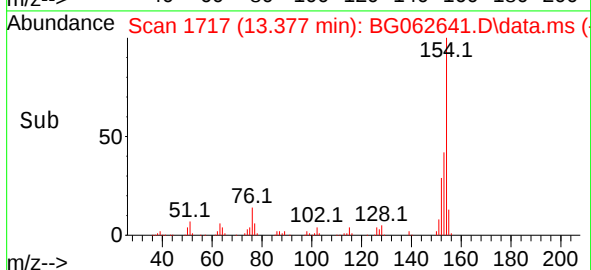
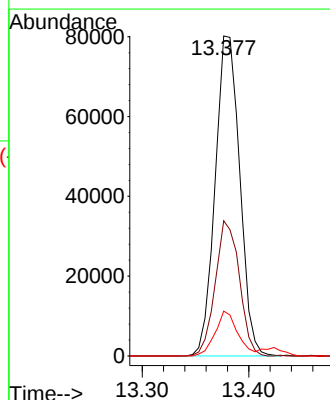
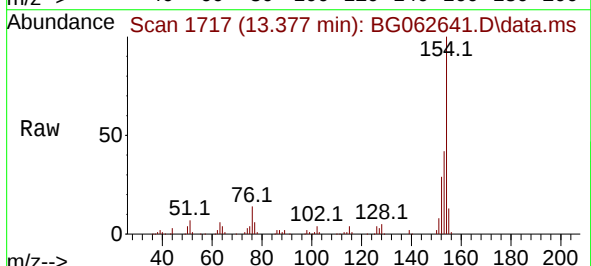
Tgt Ion:154 Resp: 128353

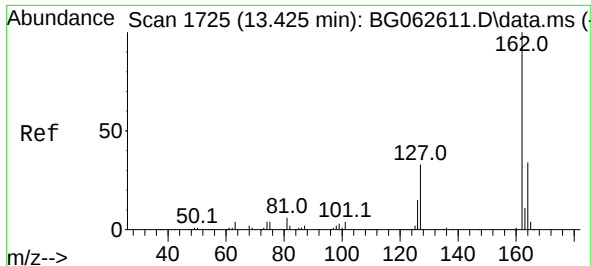
Ion Ratio Lower Upper

154 100

153 42.2 20.8 60.8

76 14.0 0.0 33.4

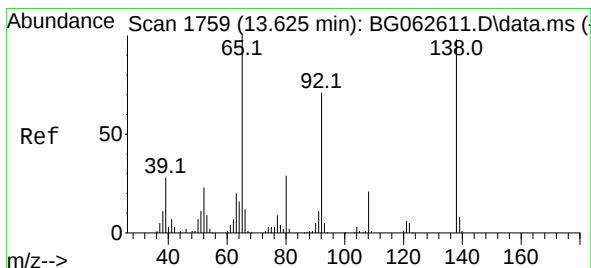
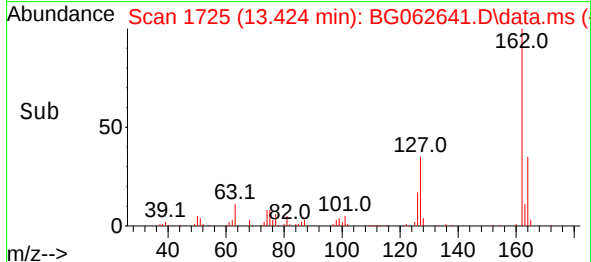
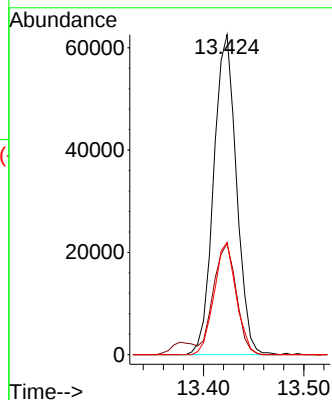
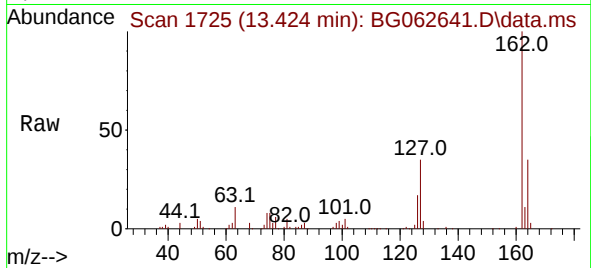




#47  
2-Chloronaphthalene  
Concen: 9.985 ng  
RT: 13.424 min Scan# 1725  
Delta R.T. -0.002 min  
Lab File: BG062641.D  
Acq: 4 Sep 2024 13:15

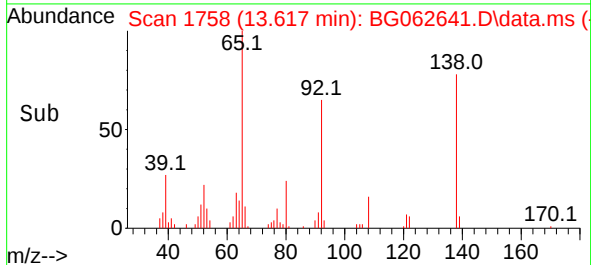
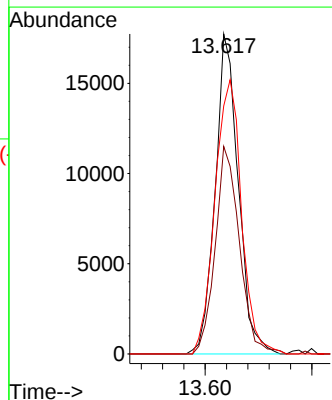
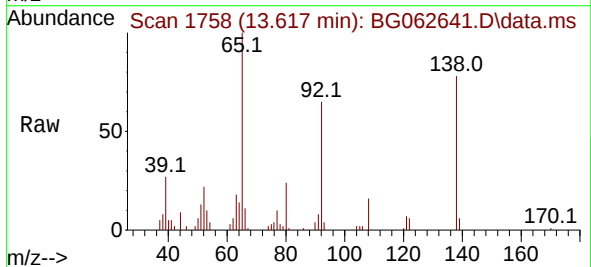
Instrument : BNA\_G  
ClientSampleId : LOQ-WATER-02-QT3-2024

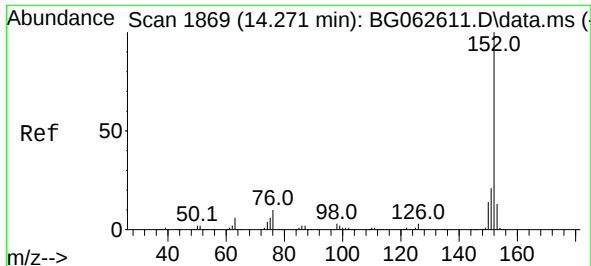
Tgt Ion:162 Resp: 98620  
Ion Ratio Lower Upper  
162 100  
127 34.8 28.7 43.1  
164 35.1 26.9 40.3



#48  
2-Nitroaniline  
Concen: 10.259 ng  
RT: 13.617 min Scan# 1758  
Delta R.T. -0.008 min  
Lab File: BG062641.D  
Acq: 4 Sep 2024 13:15

Tgt Ion: 65 Resp: 26651  
Ion Ratio Lower Upper  
65 100  
92 64.9 56.6 84.8  
138 77.5 78.7 118.1#





#49

Acenaphthylene

Concen: 11.055 ng

RT: 14.270 min Scan# 1869

Delta R.T. -0.002 min

Lab File: BG062641.D

Acq: 4 Sep 2024 13:15

Instrument :

BNA\_G

ClientSampleId :

LOQ-WATER-02-QT3-2024

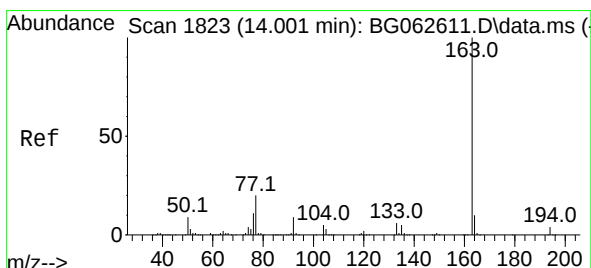
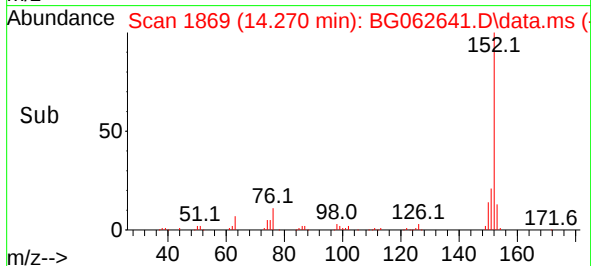
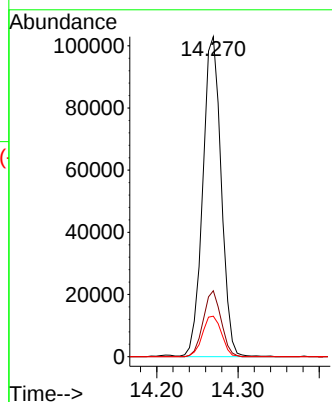
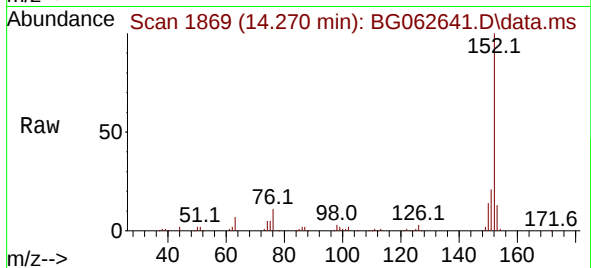
Tgt Ion:152 Resp: 161687

Ion Ratio Lower Upper

152 100

151 20.6 16.6 24.8

153 12.7 10.2 15.4



#50

Dimethylphthalate

Concen: 10.614 ng

RT: 13.999 min Scan# 1823

Delta R.T. -0.002 min

Lab File: BG062641.D

Acq: 4 Sep 2024 13:15

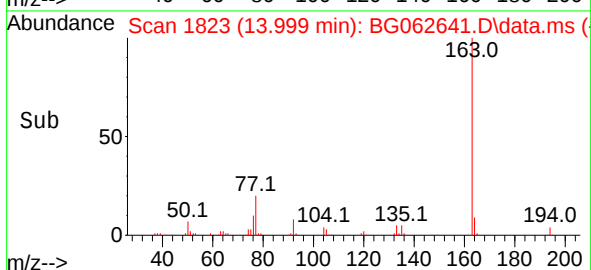
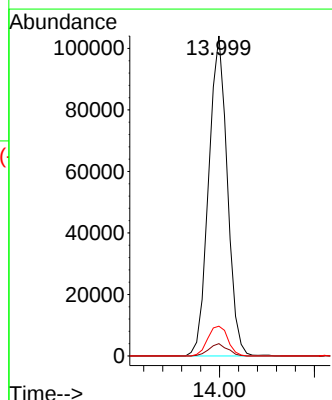
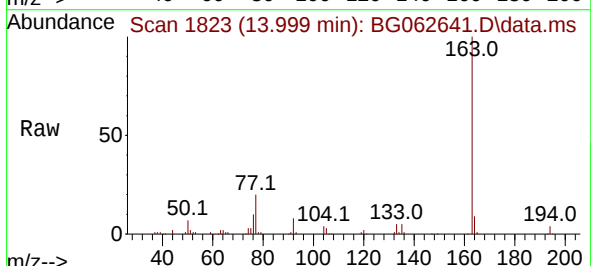
Tgt Ion:163 Resp: 141780

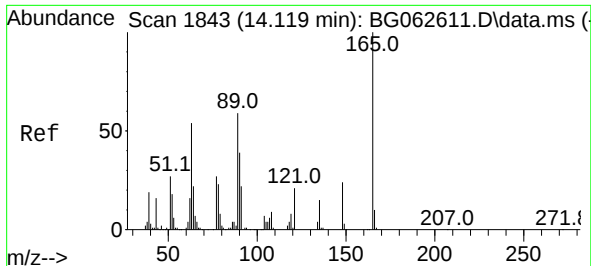
Ion Ratio Lower Upper

163 100

194 3.8 2.9 4.3

164 9.3 8.3 12.5





#51

2,6-Dinitrotoluene

Concen: 10.347 ng

RT: 14.117 min Scan# 1843

Delta R.T. -0.002 min

Lab File: BG062641.D

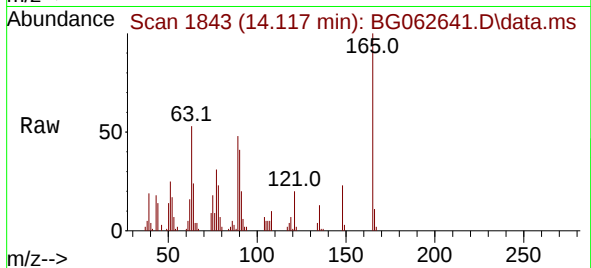
Acq: 4 Sep 2024 13:15

Instrument :

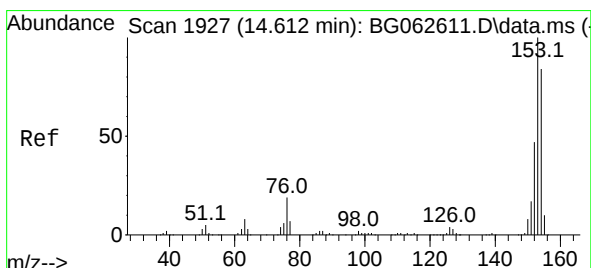
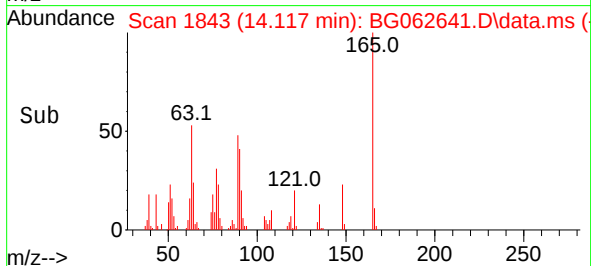
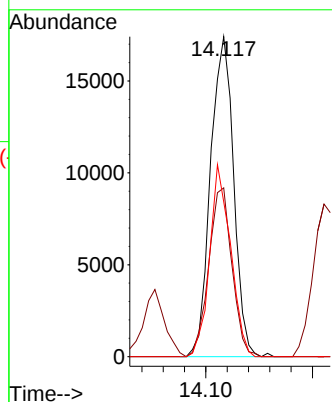
BNA\_G

ClientSampleId :

LOQ-WATER-02-QT3-2024



|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:165 | Resp: | 26143     |
| Ion Ratio   | Lower | Upper     |
| 165         | 100   |           |
| 63          | 52.8  | 46.6 69.8 |
| 89          | 48.4  | 47.2 70.8 |



#52

Acenaphthene

Concen: 9.981 ng

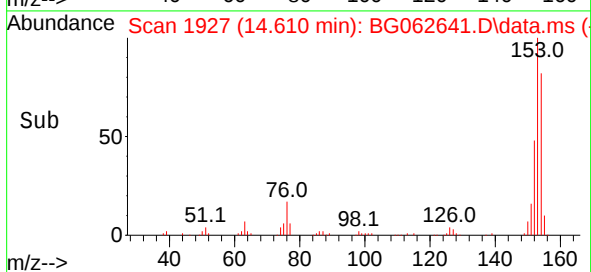
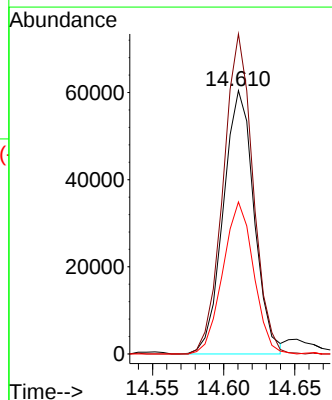
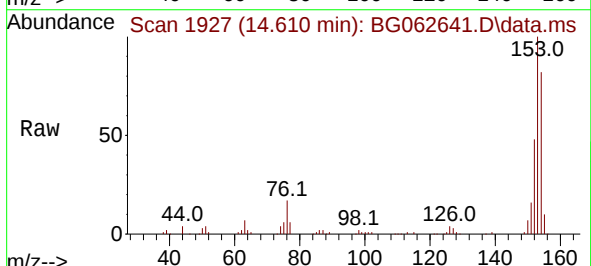
RT: 14.610 min Scan# 1927

Delta R.T. -0.002 min

Lab File: BG062641.D

Acq: 4 Sep 2024 13:15

|             |       |            |
|-------------|-------|------------|
| Tgt Ion:154 | Resp: | 91255      |
| Ion Ratio   | Lower | Upper      |
| 154         | 100   |            |
| 153         | 121.5 | 95.0 142.4 |
| 152         | 57.7  | 45.0 67.6  |





#53

3-Nitroaniline

Concen: 10.947 ng

RT: 14.446 min Scan# 1899

Delta R.T. -0.002 min

Lab File: BG062641.D

Acq: 4 Sep 2024 13:15

Instrument :

BNA\_G

ClientSampleId :

LOQ-WATER-02-QT3-2024

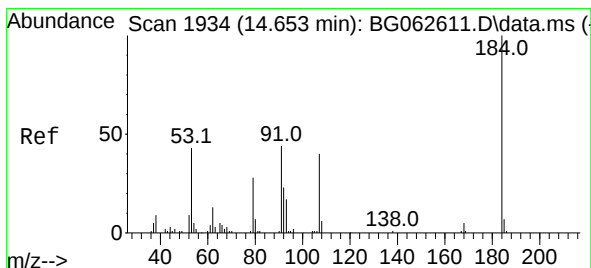
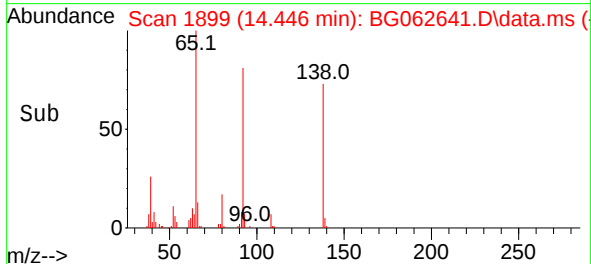
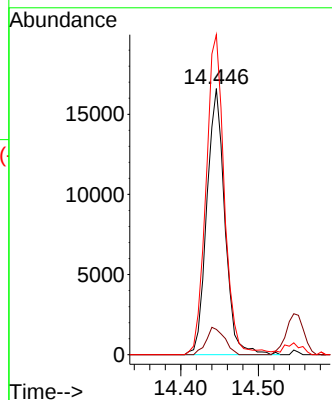
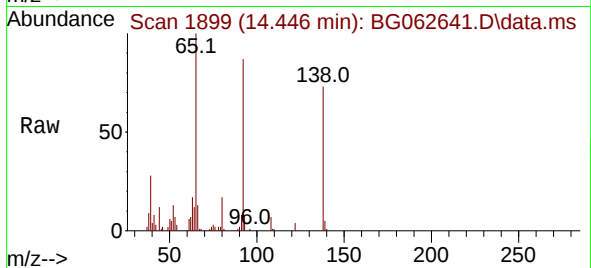
Tgt Ion:138 Resp: 26761

Ion Ratio Lower Upper

138 100

108 9.5 8.6 13.0

92 120.2 95.7 143.5



#54

2,4-Dinitrophenol

Concen: 7.174 ng

RT: 14.651 min Scan# 1934

Delta R.T. -0.002 min

Lab File: BG062641.D

Acq: 4 Sep 2024 13:15

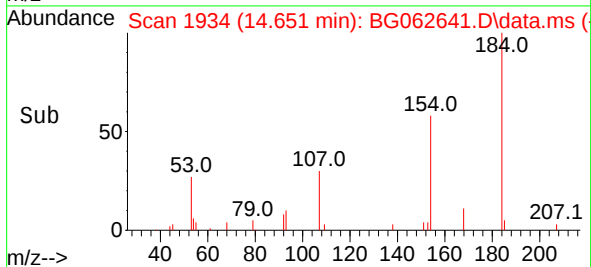
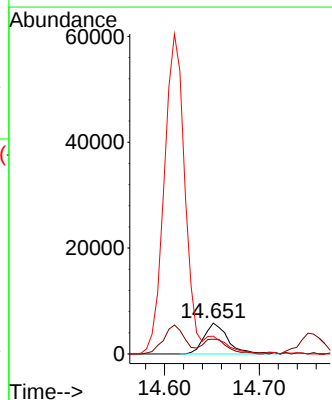
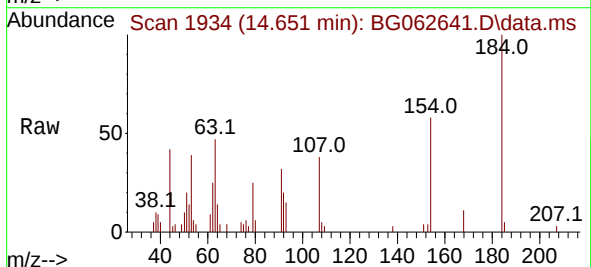
Tgt Ion:184 Resp: 10171

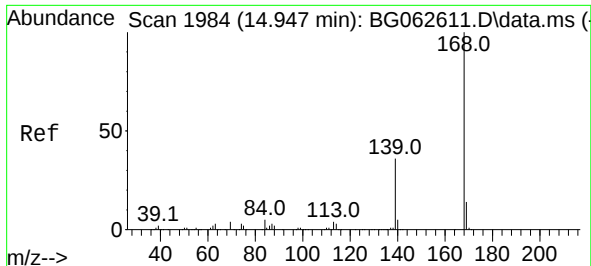
Ion Ratio Lower Upper

184 100

63 47.4 49.0 73.4#

154 57.6 50.5 75.7





#55

Dibenzofuran

Concen: 10.514 ng

RT: 14.945 min Scan# 1984

Delta R.T. -0.002 min

Lab File: BG062641.D

Acq: 4 Sep 2024 13:15

Instrument :

BNA\_G

ClientSampleId :

LOQ-WATER-02-QT3-2024

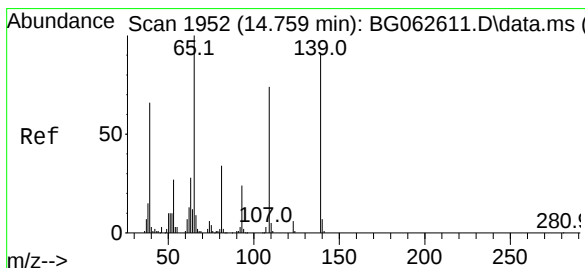
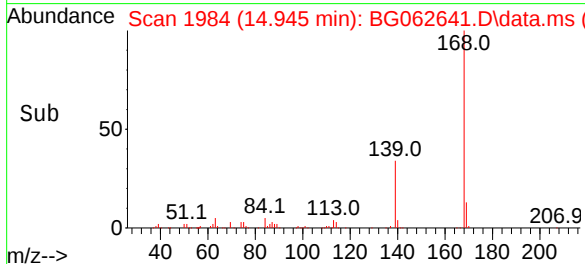
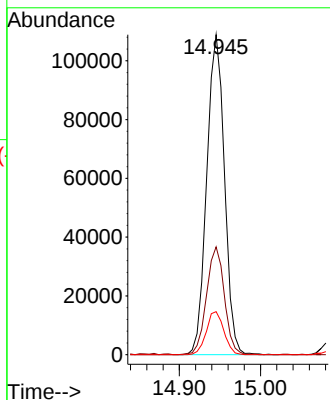
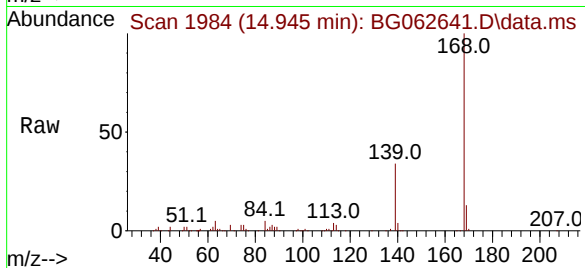
Tgt Ion:168 Resp: 164857

Ion Ratio Lower Upper

168 100

139 33.7 28.6 42.8

169 13.5 11.0 16.6



#56

4-Nitrophenol

Concen: 9.424 ng

RT: 14.757 min Scan# 1952

Delta R.T. -0.002 min

Lab File: BG062641.D

Acq: 4 Sep 2024 13:15

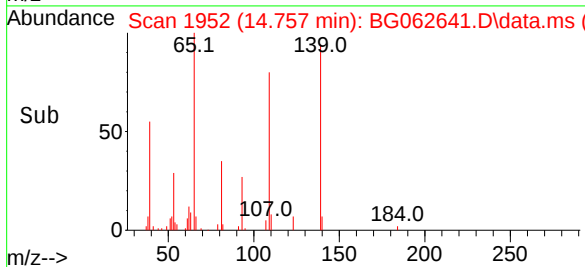
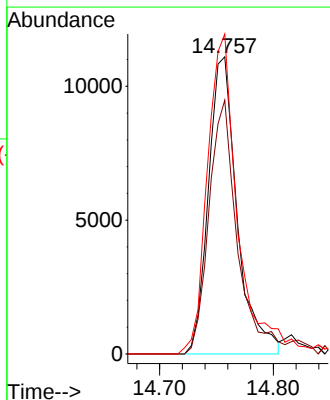
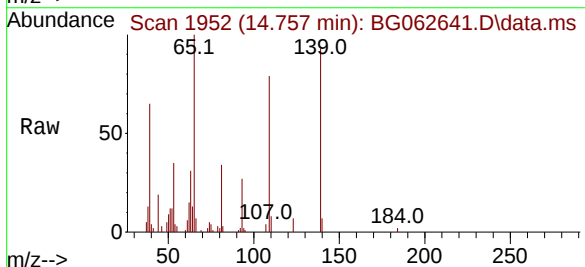
Tgt Ion:139 Resp: 19525

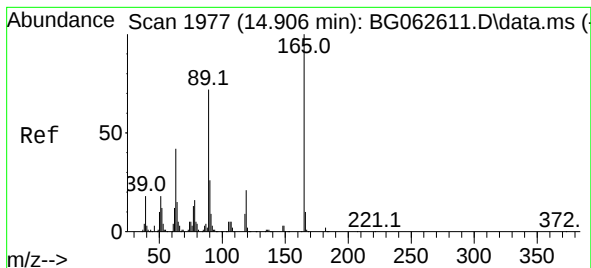
Ion Ratio Lower Upper

139 100

109 85.4 61.2 101.2

65 107.7 90.2 130.2





#57

2,4-Dinitrotoluene

Concen: 10.387 ng

RT: 14.904 min Scan# 1977

Delta R.T. -0.002 min

Lab File: BG062641.D

Acq: 4 Sep 2024 13:15

Instrument :

BNA\_G

ClientSampleId :

LOQ-WATER-02-QT3-2024

Tgt Ion:165 Resp: 35807

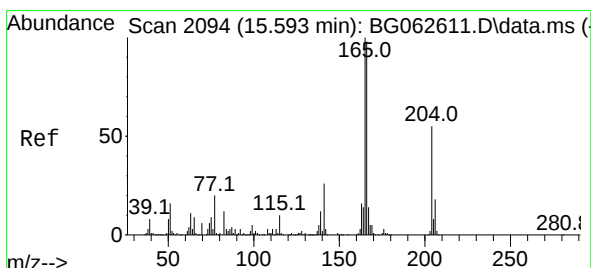
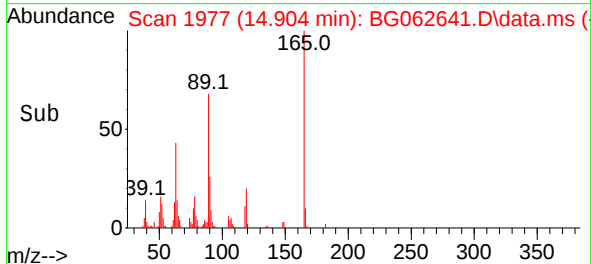
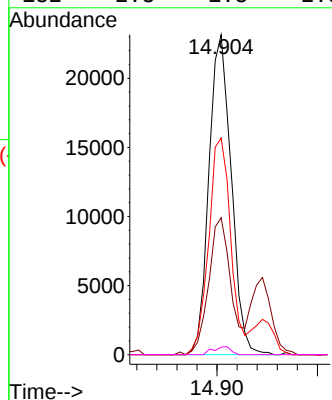
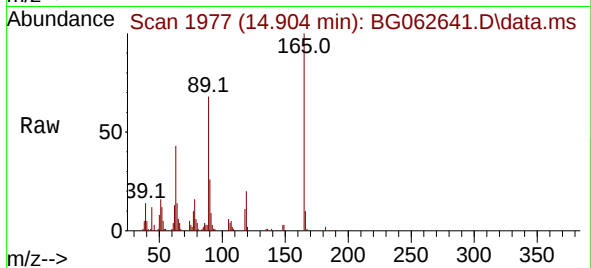
Ion Ratio Lower Upper

165 100

63 42.8 33.8 50.6

89 67.7 57.9 86.9

182 2.3 1.8 2.8



#58

Fluorene

Concen: 10.461 ng

RT: 15.592 min Scan# 2094

Delta R.T. -0.002 min

Lab File: BG062641.D

Acq: 4 Sep 2024 13:15

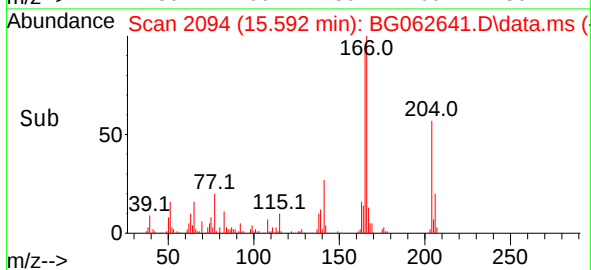
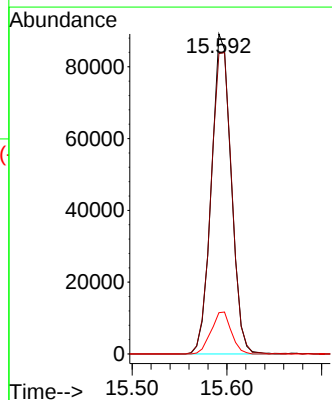
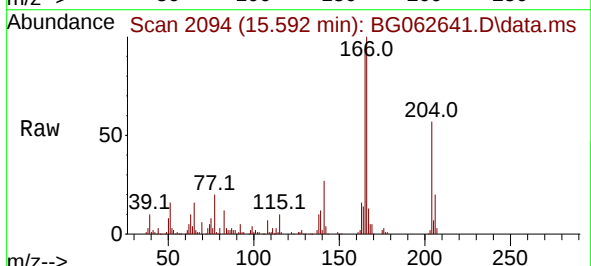
Tgt Ion:166 Resp: 128735

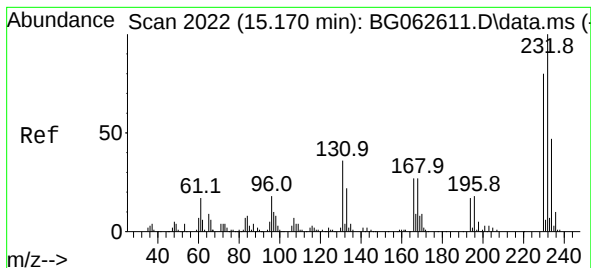
Ion Ratio Lower Upper

166 100

165 93.9 82.0 123.0

167 12.9 11.3 16.9





#59

2,3,4,6-Tetrachlorophenol

Concen: 10.769 ng

RT: 15.169 min Scan# 2022

Delta R.T. -0.002 min

Lab File: BG062641.D

Acq: 4 Sep 2024 13:15

Instrument :

BNA\_G

ClientSampleId :

LOQ-WATER-02-QT3-2024

Tgt Ion:232 Resp: 40234

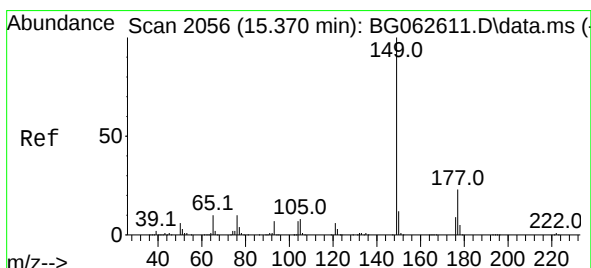
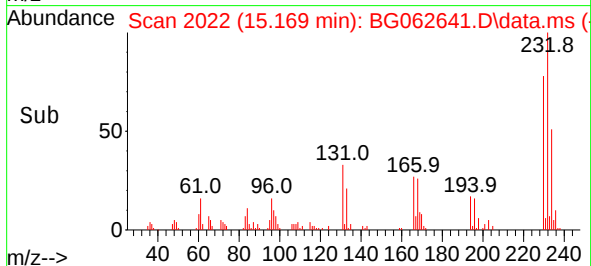
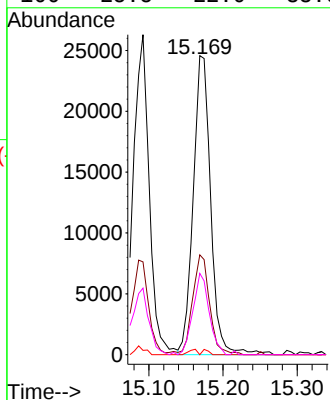
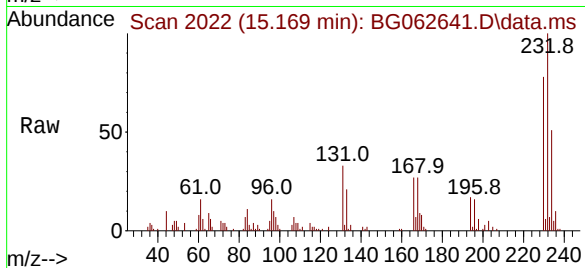
Ion Ratio Lower Upper

232 100

131 32.6 28.3 42.5

130 0.6 1.7 2.5#

166 25.5 22.0 33.0



#60

Diethylphthalate

Concen: 10.308 ng

RT: 15.362 min Scan# 2055

Delta R.T. -0.008 min

Lab File: BG062641.D

Acq: 4 Sep 2024 13:15

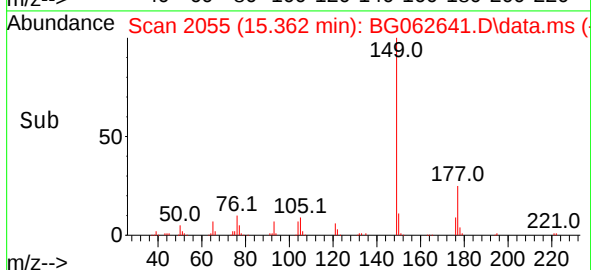
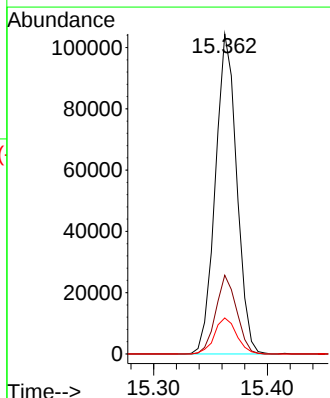
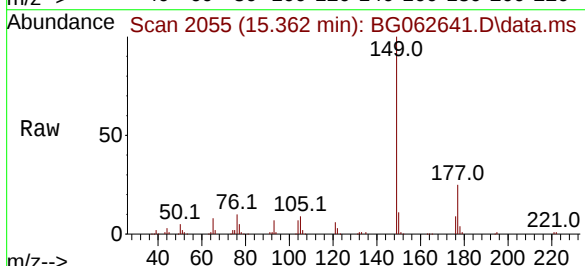
Tgt Ion:149 Resp: 136469

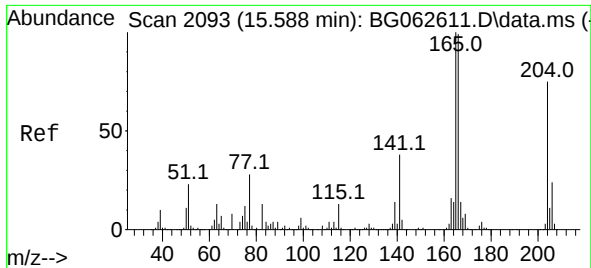
Ion Ratio Lower Upper

149 100

177 24.6 18.0 27.0

150 11.2 9.8 14.8

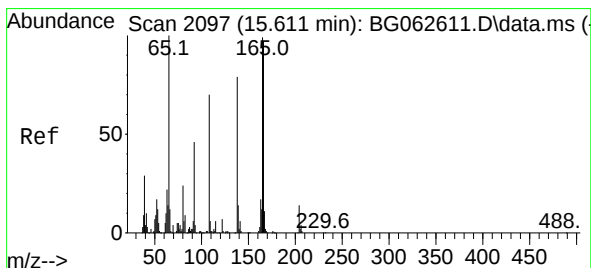
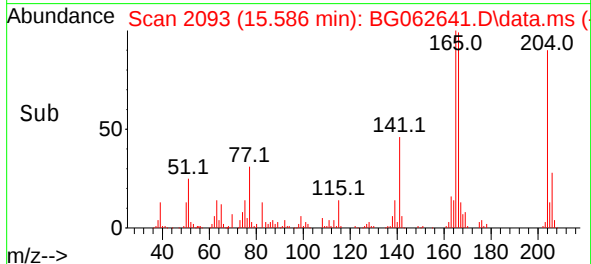
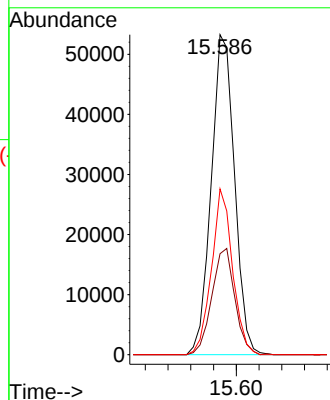
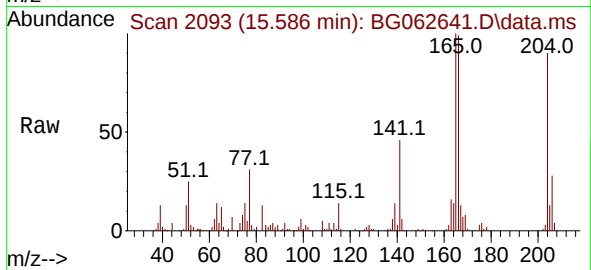




#61  
4-Chlorophenyl-phenylether  
Concen: 10.717 ng  
RT: 15.586 min Scan# 2093  
Delta R.T. -0.002 min  
Lab File: BG062641.D  
Acq: 4 Sep 2024 13:15

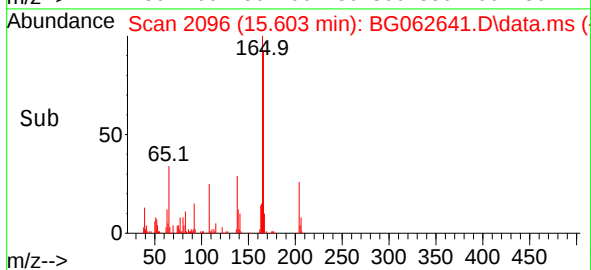
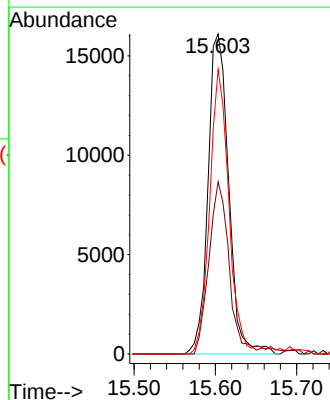
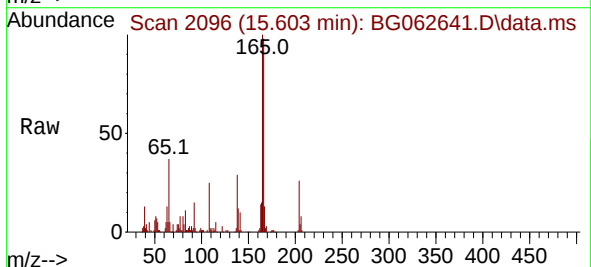
Instrument :  
BNA\_G  
ClientSampleId :  
LOQ-WATER-02-QT3-2024

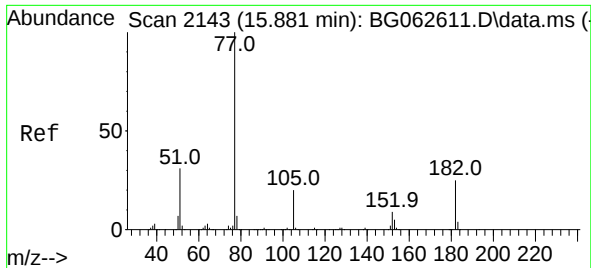
Tgt Ion:204 Resp: 75712  
Ion Ratio Lower Upper  
204 100  
206 31.6 25.9 38.9  
141 51.8 41.0 61.6



#62  
4-Nitroaniline  
Concen: 10.528 ng  
RT: 15.603 min Scan# 2096  
Delta R.T. -0.008 min  
Lab File: BG062641.D  
Acq: 4 Sep 2024 13:15

Tgt Ion:138 Resp: 28378  
Ion Ratio Lower Upper  
138 100  
92 53.8 38.4 78.4  
108 88.9 69.0 109.0

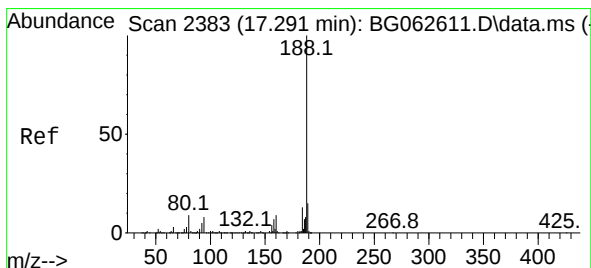
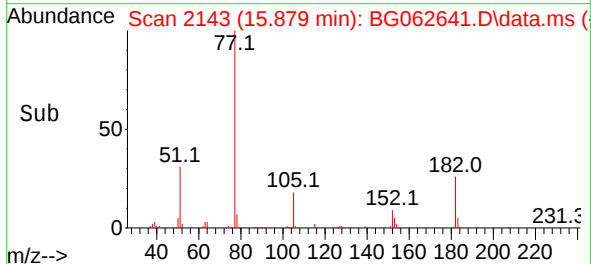
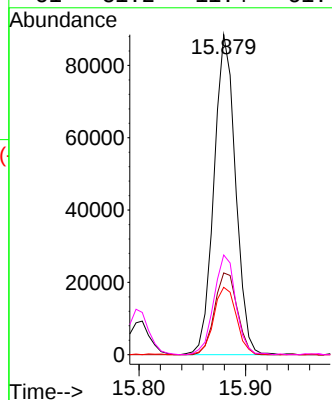
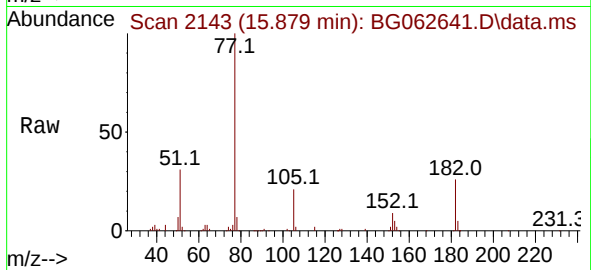




#63  
Azobenzene  
Concen: 9.982 ng  
RT: 15.879 min Scan# 2143  
Delta R.T. -0.002 min  
Lab File: BG062641.D  
Acq: 4 Sep 2024 13:15

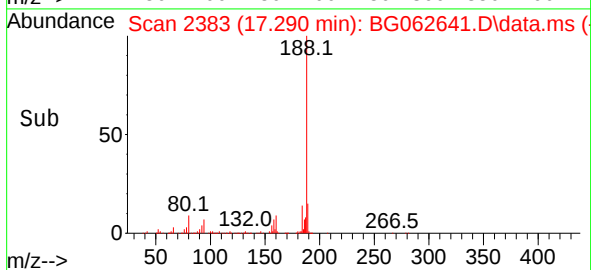
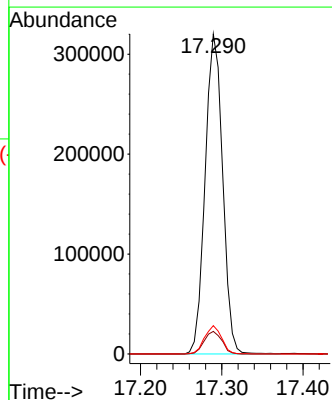
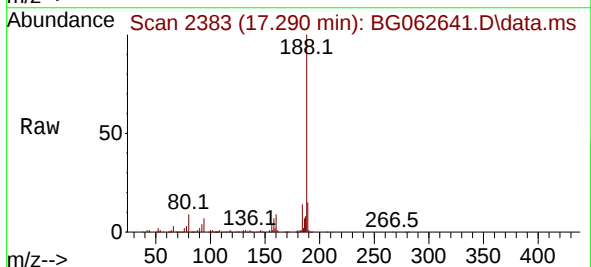
Instrument :  
BNA\_G  
ClientSampleId :  
LOQ-WATER-02-QT3-2024

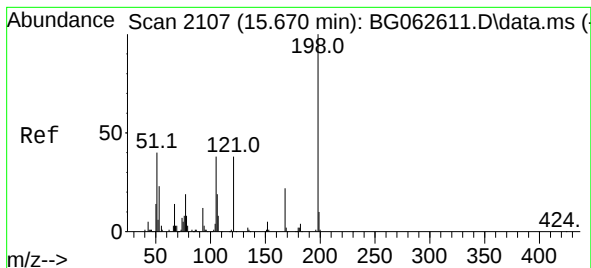
Tgt Ion: 77 Resp: 124088  
Ion Ratio Lower Upper  
77 100  
182 25.6 5.0 45.0  
105 21.0 0.5 40.5  
51 31.2 11.4 51.4



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.290 min Scan# 2383  
Delta R.T. -0.002 min  
Lab File: BG062641.D  
Acq: 4 Sep 2024 13:15

Tgt Ion:188 Resp: 478475  
Ion Ratio Lower Upper  
188 100  
94 7.0 6.3 9.5  
80 8.9 7.0 10.4

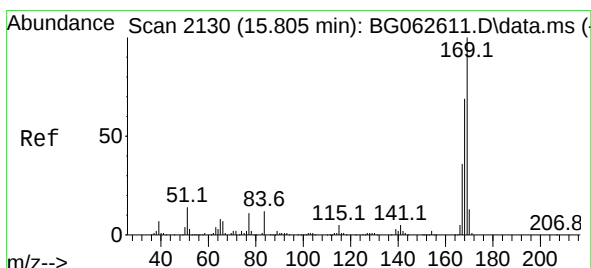
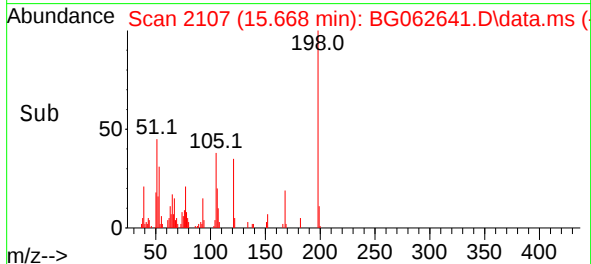
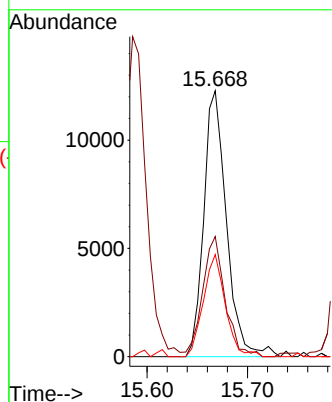
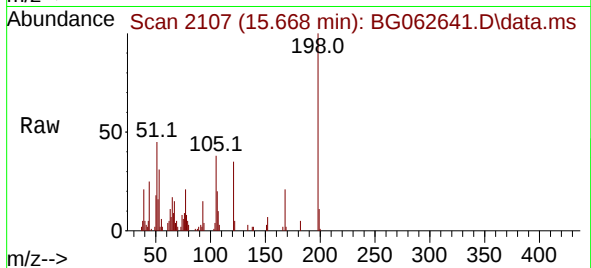




#65  
4,6-Dinitro-2-methylphenol  
Concen: 9.057 ng  
RT: 15.668 min Scan# 2107  
Delta R.T. -0.002 min  
Lab File: BG062641.D  
Acq: 4 Sep 2024 13:15

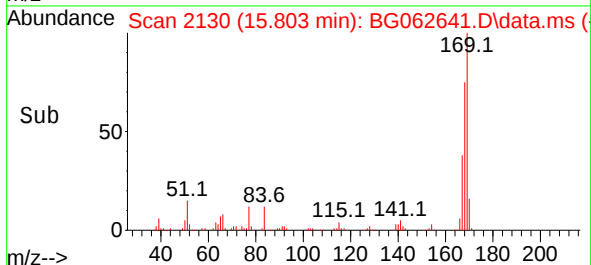
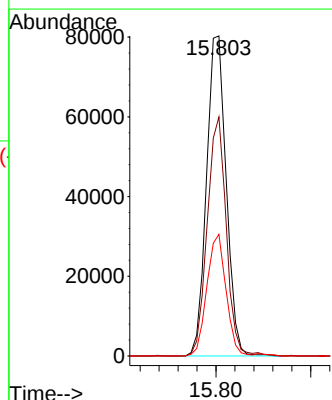
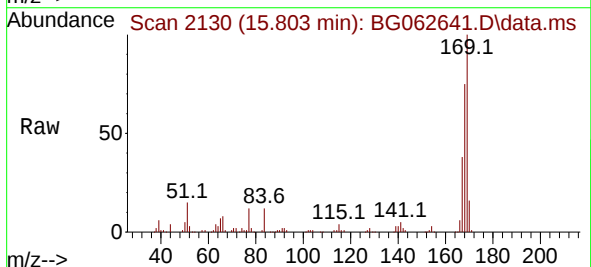
Instrument : BNA\_G  
ClientSampleId : LOQ-WATER-02-QT3-2024

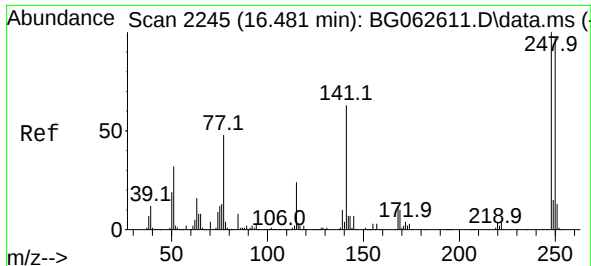
Tgt Ion:198 Resp: 19340  
Ion Ratio Lower Upper  
198 100  
51 45.2 25.1 65.1  
105 38.4 18.3 58.3



#66  
n-Nitrosodiphenylamine  
Concen: 10.052 ng  
RT: 15.803 min Scan# 2130  
Delta R.T. -0.002 min  
Lab File: BG062641.D  
Acq: 4 Sep 2024 13:15

Tgt Ion:169 Resp: 115637  
Ion Ratio Lower Upper  
169 100  
168 74.7 55.4 83.2  
167 38.0 29.0 43.6





#67

4-Bromophenyl-phenylether

Concen: 10.462 ng

RT: 16.485 min Scan# 2245

Delta R.T. 0.004 min

Lab File: BG062641.D

Acq: 4 Sep 2024 13:15

Instrument :

BNA\_G

ClientSampleId :

LOQ-WATER-02-QT3-2024

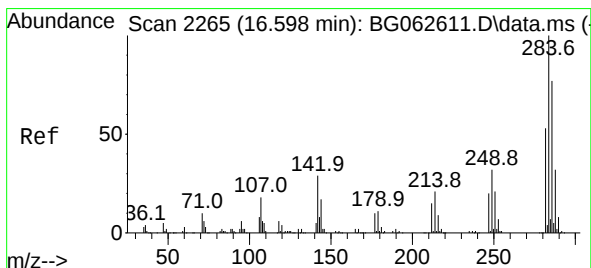
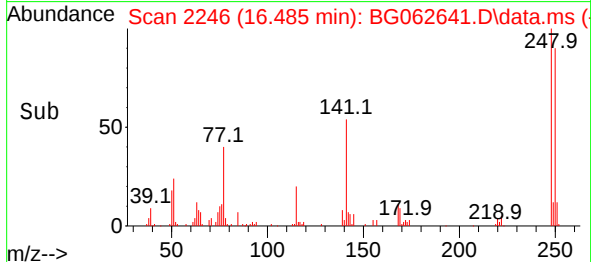
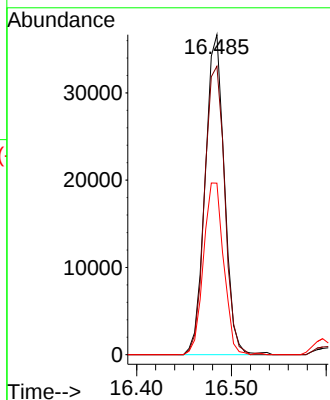
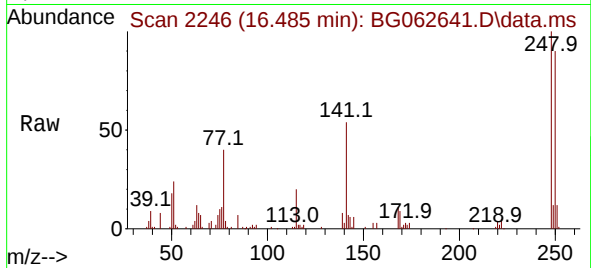
Tgt Ion:248 Resp: 51662

Ion Ratio Lower Upper

248 100

250 90.2 77.9 116.9

141 53.6 50.2 75.2



#68

Hexachlorobenzene

Concen: 10.114 ng

RT: 16.602 min Scan# 2266

Delta R.T. 0.004 min

Lab File: BG062641.D

Acq: 4 Sep 2024 13:15

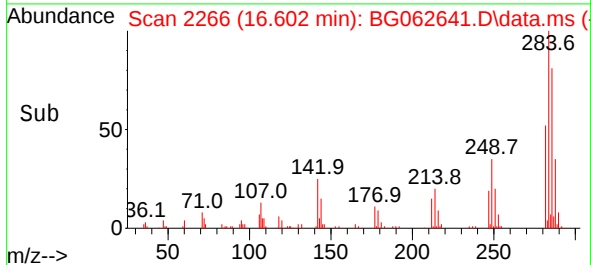
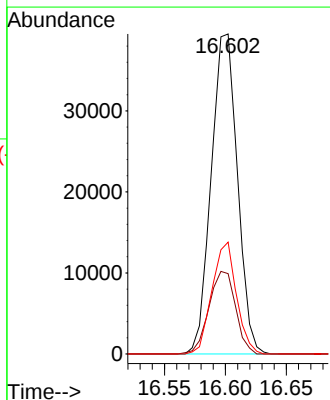
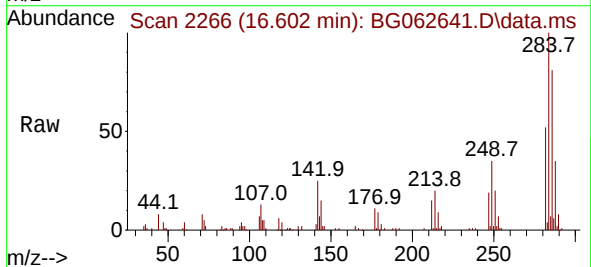
Tgt Ion:284 Resp: 59150

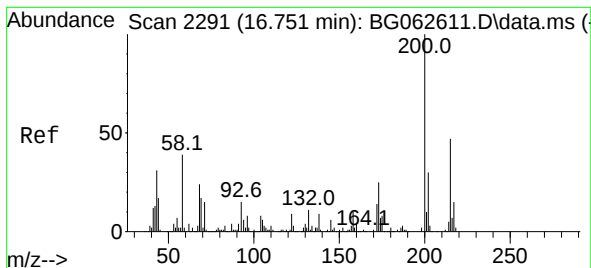
Ion Ratio Lower Upper

284 100

142 25.1 23.5 35.3

249 34.9 25.4 38.0





#69

Atrazine

Concen: 13.299 ng

RT: 16.749 min Scan# 2291

Delta R.T. -0.002 min

Lab File: BG062641.D

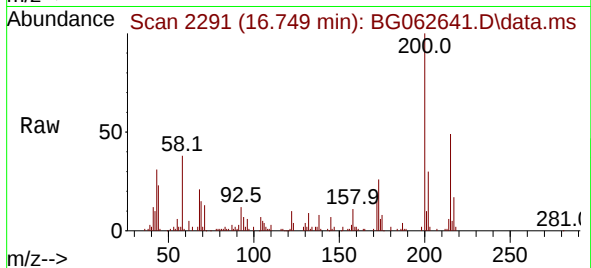
Acq: 4 Sep 2024 13:15

Instrument :

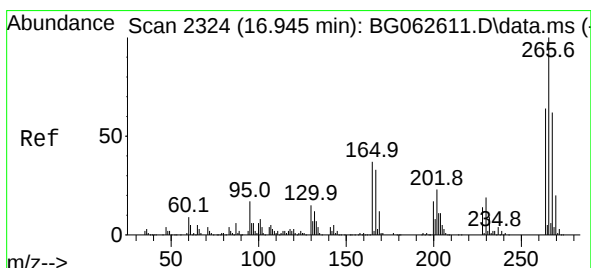
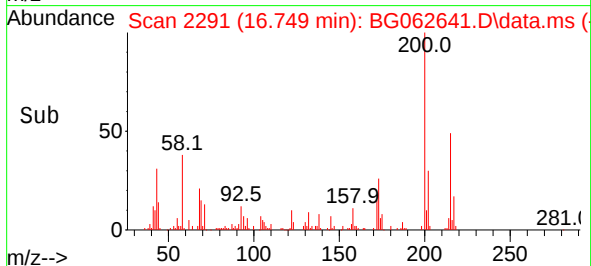
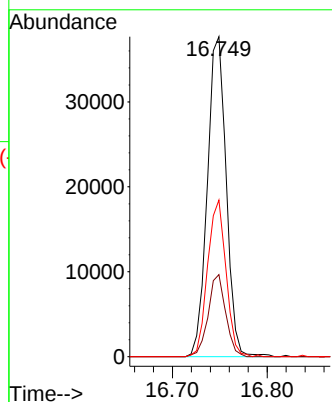
BNA\_G

ClientSampleId :

LOQ-WATER-02-QT3-2024



|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 200   | Resp: | 51962 |
| Ion Ratio | Lower | Upper |       |
| 200       | 100   |       |       |
| 173       | 25.6  | 5.2   | 45.2  |
| 215       | 49.0  | 27.3  | 67.3  |



#70

Pentachlorophenol

Concen: 7.129 ng

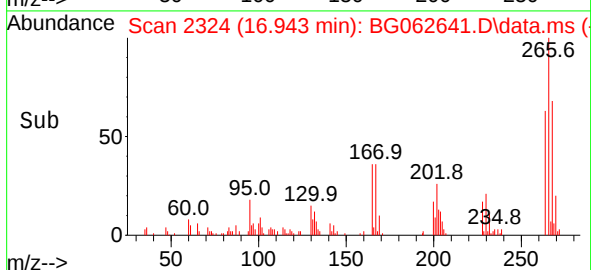
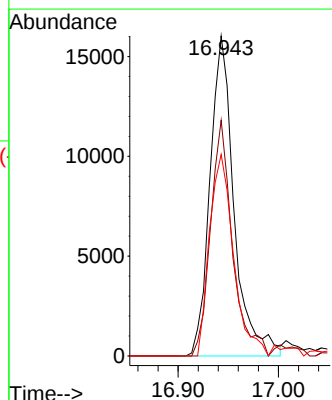
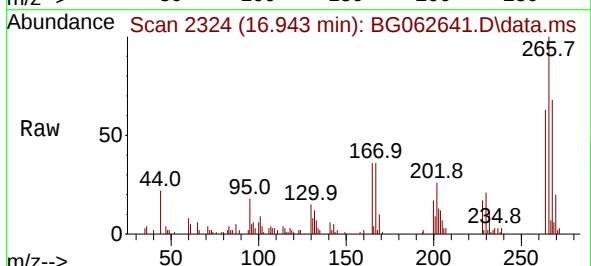
RT: 16.943 min Scan# 2324

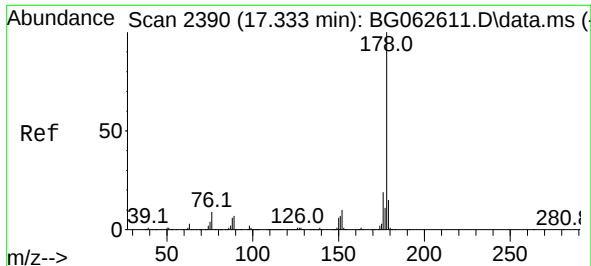
Delta R.T. -0.002 min

Lab File: BG062641.D

Acq: 4 Sep 2024 13:15

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 266   | Resp: | 26702 |
| Ion Ratio | Lower | Upper |       |
| 266       | 100   |       |       |
| 268       | 73.7  | 52.6  | 79.0  |
| 264       | 63.0  | 51.6  | 77.4  |

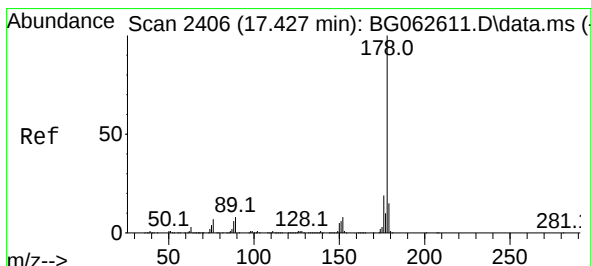
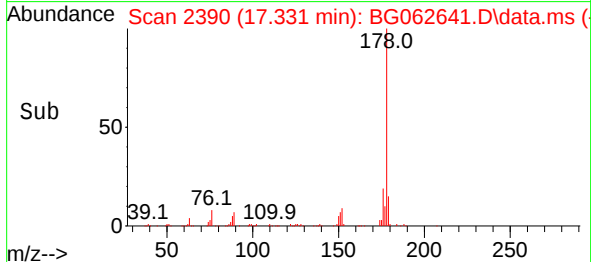
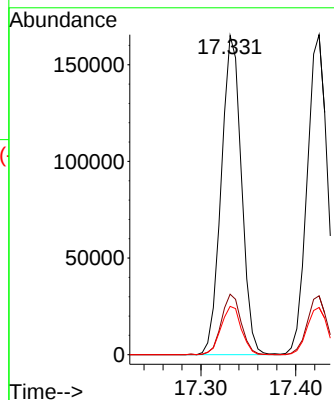
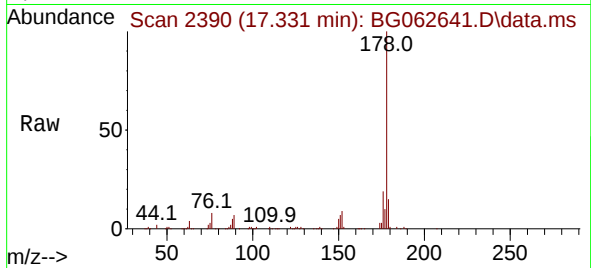




#71  
Phenanthrene  
Concen: 10.946 ng  
RT: 17.331 min Scan# 2390  
Delta R.T. -0.002 min  
Lab File: BG062641.D  
Acq: 4 Sep 2024 13:15

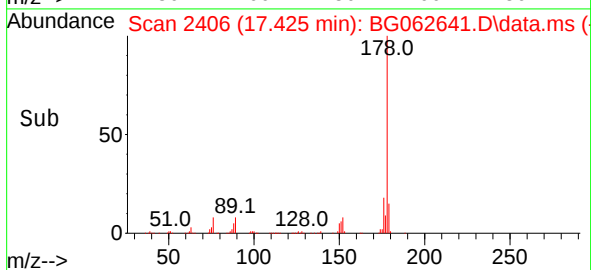
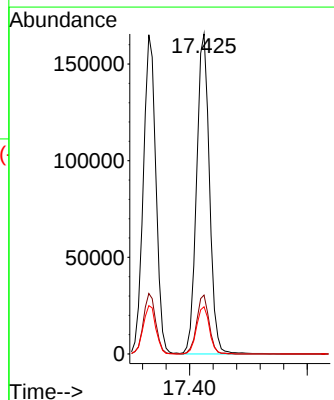
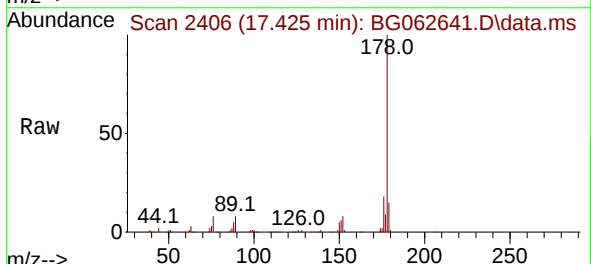
Instrument :  
BNA\_G  
ClientSampleId :  
LOQ-WATER-02-QT3-2024

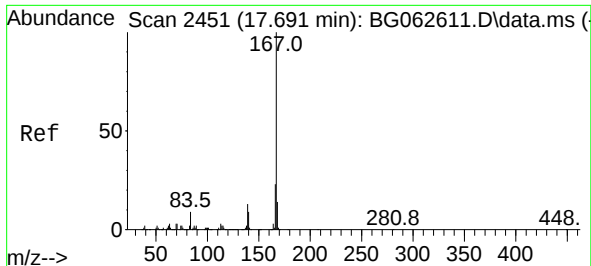
Tgt Ion:178 Resp: 244453  
Ion Ratio Lower Upper  
178 100  
176 18.9 15.4 23.0  
179 15.2 12.2 18.4



#72  
Anthracene  
Concen: 11.443 ng  
RT: 17.425 min Scan# 2406  
Delta R.T. -0.002 min  
Lab File: BG062641.D  
Acq: 4 Sep 2024 13:15

Tgt Ion:178 Resp: 251265  
Ion Ratio Lower Upper  
178 100  
176 18.4 15.2 22.8  
179 14.8 12.0 18.0

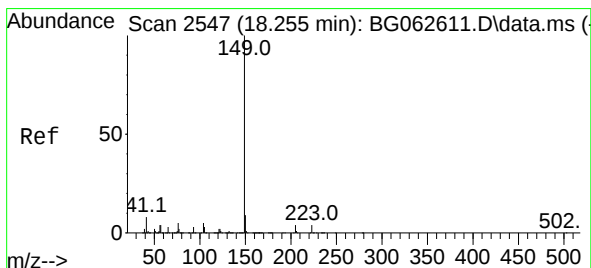
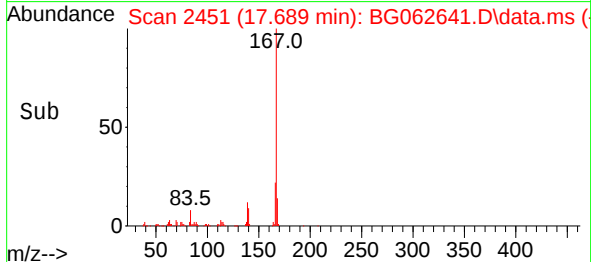
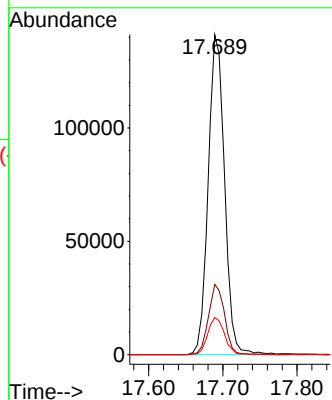
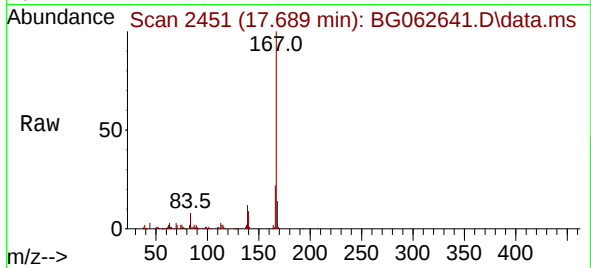




#73  
 Carbazole  
 Concen: 10.733 ng  
 RT: 17.689 min Scan# 2451  
 Delta R.T. -0.002 min  
 Lab File: BG062641.D  
 Acq: 4 Sep 2024 13:15

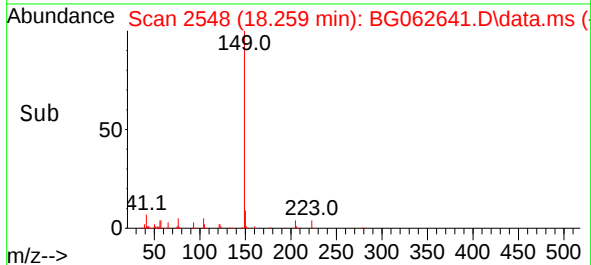
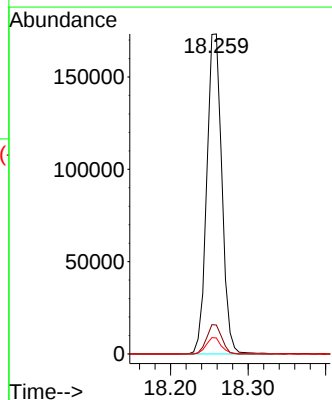
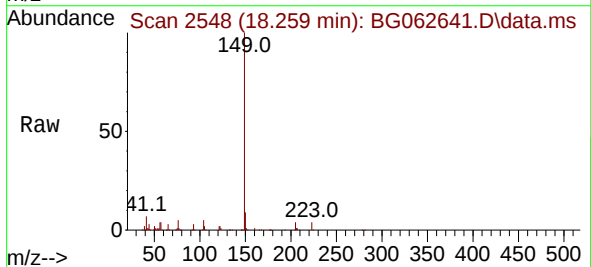
Instrument :  
 BNA\_G  
 ClientSampleId :  
 LOQ-WATER-02-QT3-2024

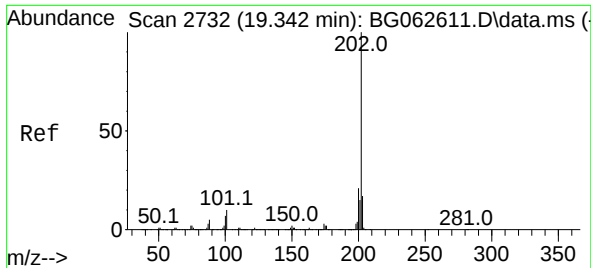
Tgt Ion:167 Resp: 216667  
 Ion Ratio Lower Upper  
 167 100  
 166 21.9 18.2 27.2  
 139 11.6 10.1 15.1



#74  
 Di-n-butylphthalate  
 Concen: 10.248 ng  
 RT: 18.259 min Scan# 2548  
 Delta R.T. 0.004 min  
 Lab File: BG062641.D  
 Acq: 4 Sep 2024 13:15

Tgt Ion:149 Resp: 233309  
 Ion Ratio Lower Upper  
 149 100  
 150 9.1 7.3 10.9  
 104 5.0 4.2 6.2

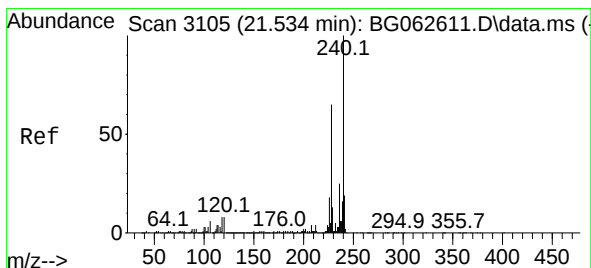
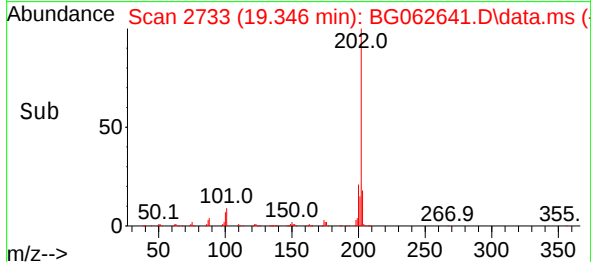
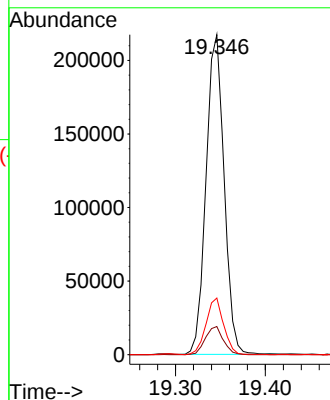
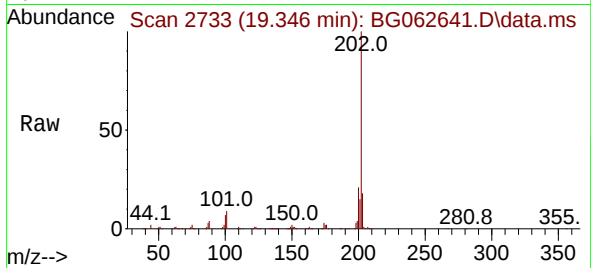




#75  
Fluoranthene  
Concen: 10.749 ng  
RT: 19.346 min Scan# 21  
Delta R.T. 0.004 min  
Lab File: BG062641.D  
Acq: 4 Sep 2024 13:15

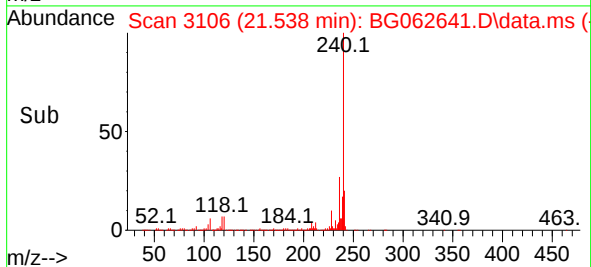
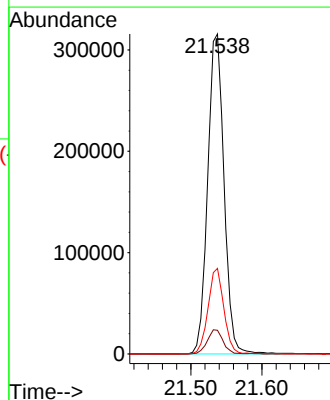
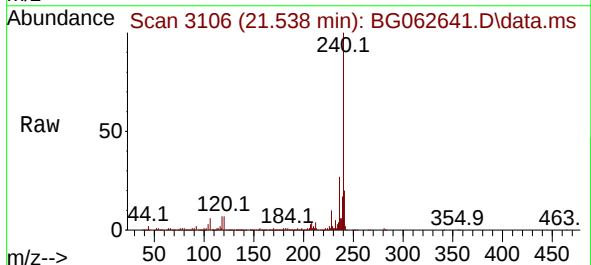
Instrument :  
BNA\_G  
ClientSampleId :  
LOQ-WATER-02-QT3-2024

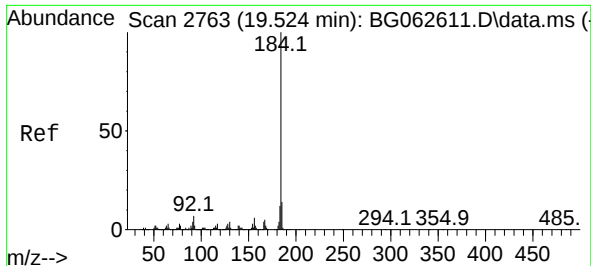
Tgt Ion:202 Resp: 303610  
Ion Ratio Lower Upper  
202 100  
101 8.8 0.0 29.6  
203 17.7 0.0 37.4



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.538 min Scan# 3106  
Delta R.T. 0.004 min  
Lab File: BG062641.D  
Acq: 4 Sep 2024 13:15

Tgt Ion:240 Resp: 504591  
Ion Ratio Lower Upper  
240 100  
120 7.4 6.6 9.8  
236 26.8 20.2 30.4

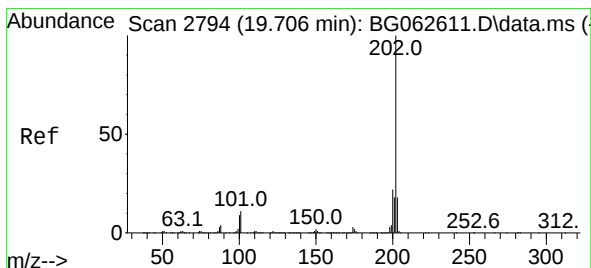
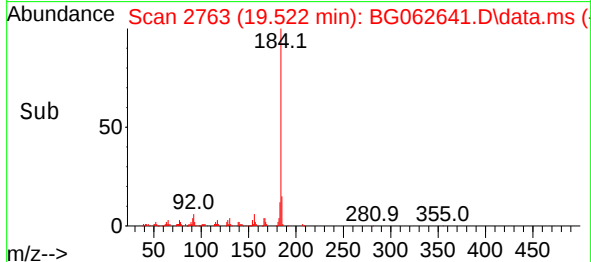
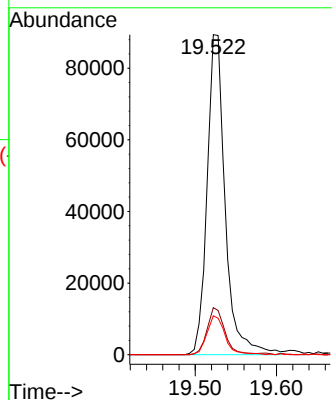
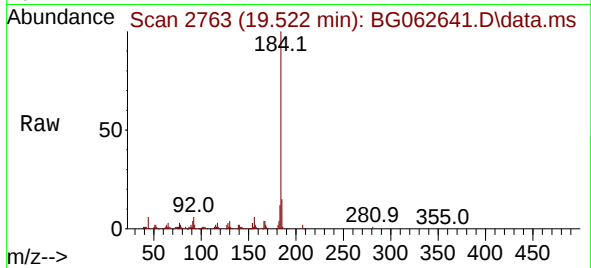




#77  
Benzidine  
Concen: 15.204 ng  
RT: 19.522 min Scan# 2763  
Delta R.T. -0.002 min  
Lab File: BG062641.D  
Acq: 4 Sep 2024 13:15

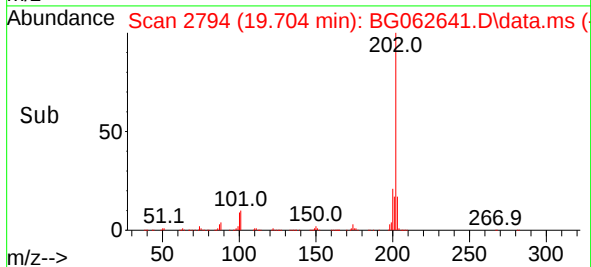
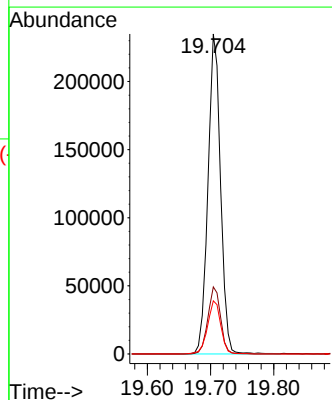
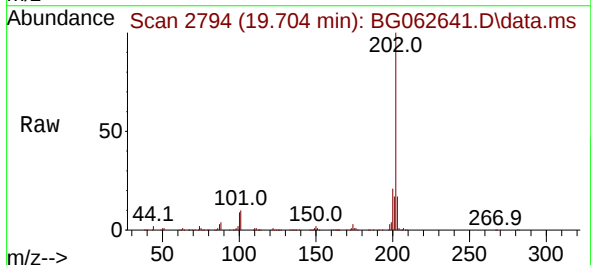
Instrument :  
BNA\_G  
ClientSampleId :  
LOQ-WATER-02-QT3-2024

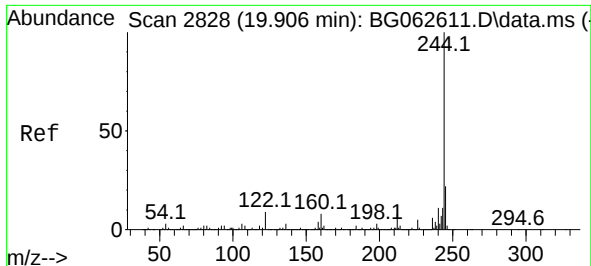
Tgt Ion:184 Resp: 138277  
Ion Ratio Lower Upper  
184 100  
185 14.7 11.0 16.6  
183 12.2 9.7 14.5



#78  
Pyrene  
Concen: 10.139 ng  
RT: 19.704 min Scan# 2794  
Delta R.T. -0.002 min  
Lab File: BG062641.D  
Acq: 4 Sep 2024 13:15

Tgt Ion:202 Resp: 325207  
Ion Ratio Lower Upper  
202 100  
200 20.9 17.4 26.2  
203 16.6 14.1 21.1

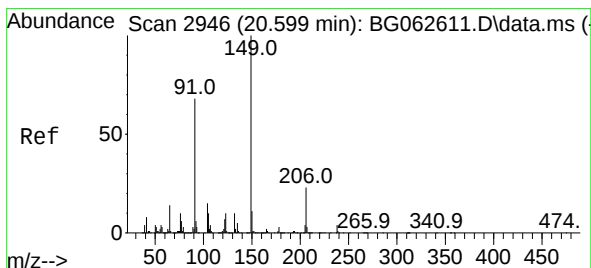
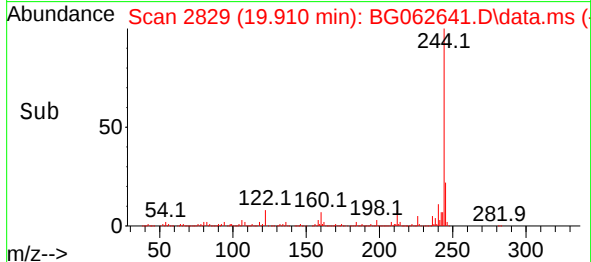
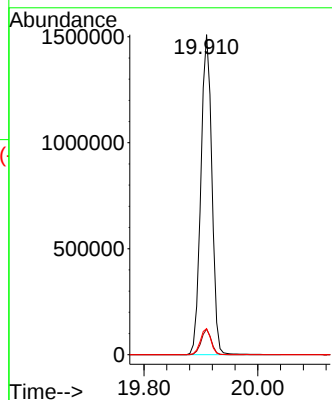
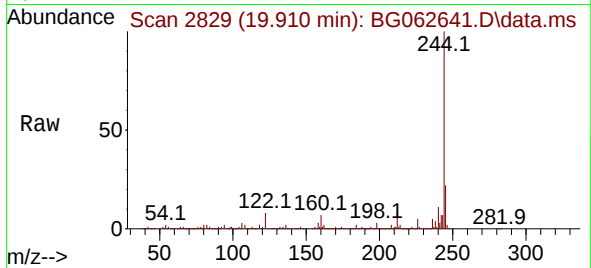




#79  
 Terphenyl-d14  
 Concen: 79.781 ng  
 RT: 19.910 min Scan# 2829  
 Delta R.T. 0.004 min  
 Lab File: BG062641.D  
 Acq: 4 Sep 2024 13:15

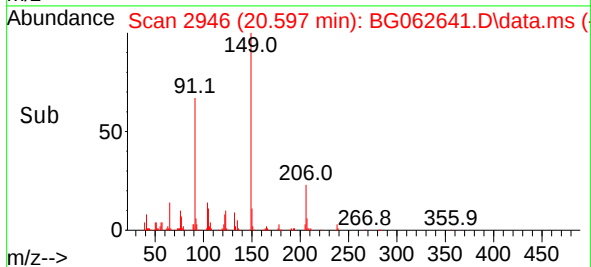
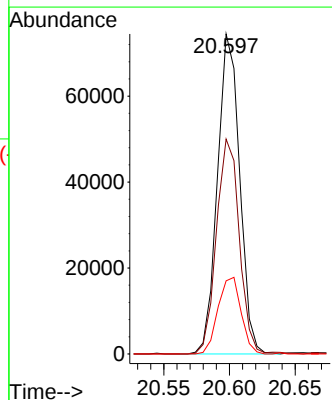
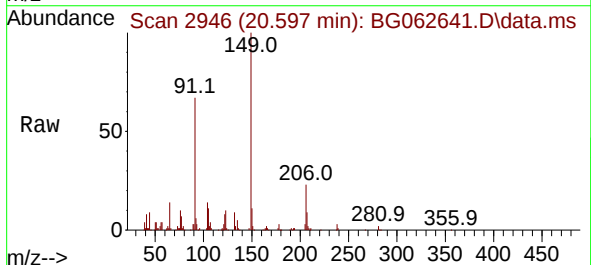
Instrument :  
 BNA\_G  
 ClientSampleId :  
 LOQ-WATER-02-QT3-2024

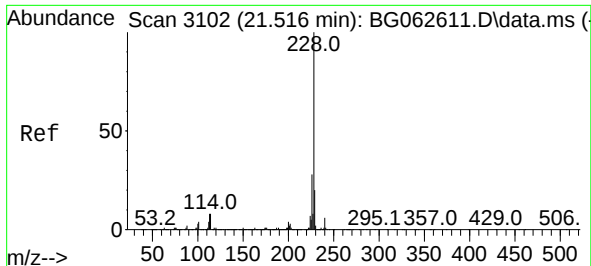
Tgt Ion:244 Resp: 2030251  
 Ion Ratio Lower Upper  
 244 100  
 212 8.0 6.6 10.0  
 122 8.2 7.2 10.8



#80  
 Butylbenzylphthalate  
 Concen: 9.278 ng  
 RT: 20.597 min Scan# 2946  
 Delta R.T. -0.002 min  
 Lab File: BG062641.D  
 Acq: 4 Sep 2024 13:15

Tgt Ion:149 Resp: 87408  
 Ion Ratio Lower Upper  
 149 100  
 91 67.1 54.6 81.8  
 206 22.8 18.4 27.6

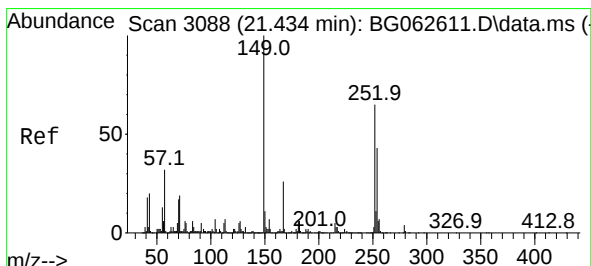
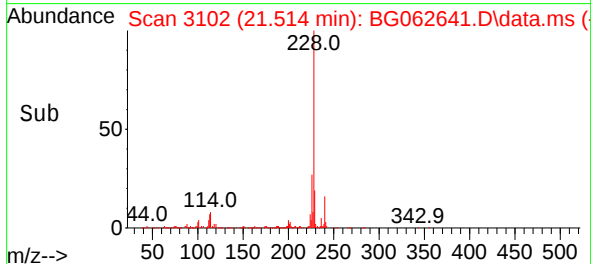
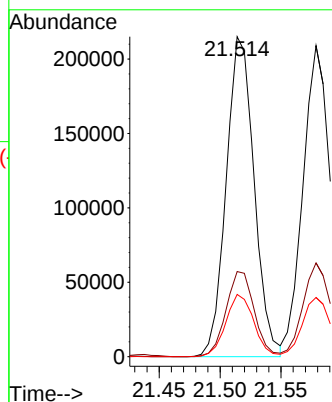
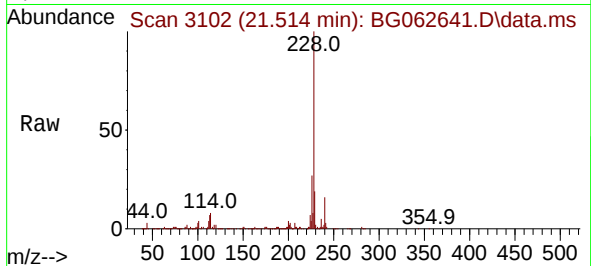




#81  
Benzo(a)anthracene  
Concen: 10.776 ng  
RT: 21.514 min Scan# 3102  
Delta R.T. -0.002 min  
Lab File: BG062641.D  
Acq: 4 Sep 2024 13:15

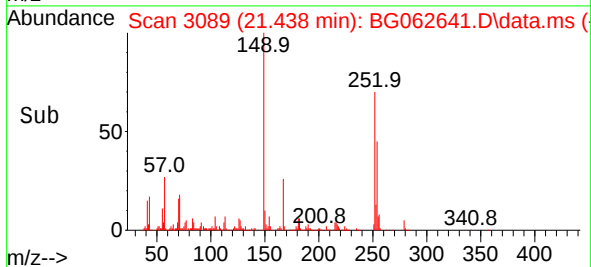
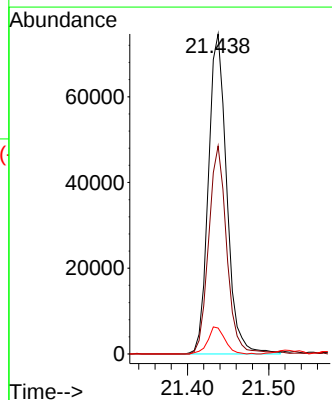
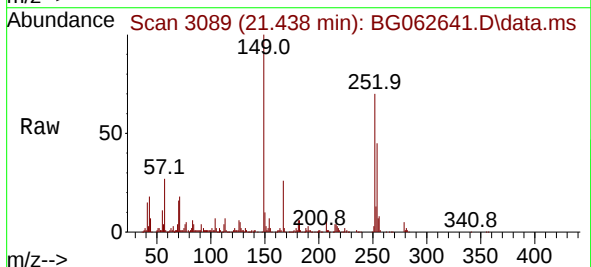
Instrument :  
BNA\_G  
ClientSampleId :  
LOQ-WATER-02-QT3-2024

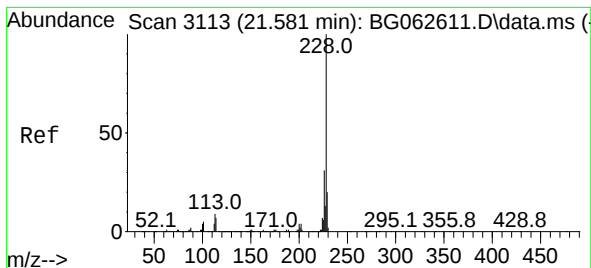
Tgt Ion:228 Resp: 342968  
Ion Ratio Lower Upper  
228 100  
226 26.6 22.3 33.5  
229 19.4 16.2 24.2



#82  
3,3'-Dichlorobenzidine  
Concen: 11.274 ng  
RT: 21.438 min Scan# 3089  
Delta R.T. 0.004 min  
Lab File: BG062641.D  
Acq: 4 Sep 2024 13:15

Tgt Ion:252 Resp: 116889  
Ion Ratio Lower Upper  
252 100  
254 65.0 52.2 78.2  
126 8.1 6.7 10.1





#83

Chrysene

Concen: 10.872 ng

RT: 21.579 min Scan# 3113

Delta R.T. -0.002 min

Lab File: BG062641.D

Acq: 4 Sep 2024 13:15

Instrument :

BNA\_G

ClientSampleId :

LOQ-WATER-02-QT3-2024

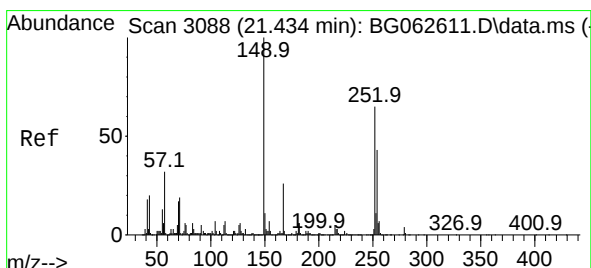
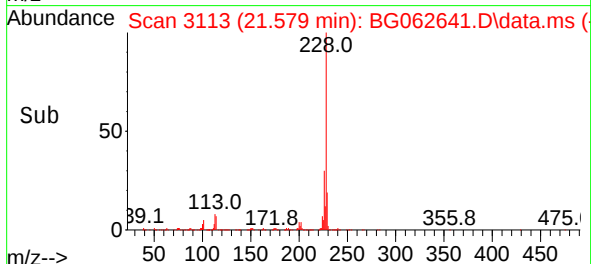
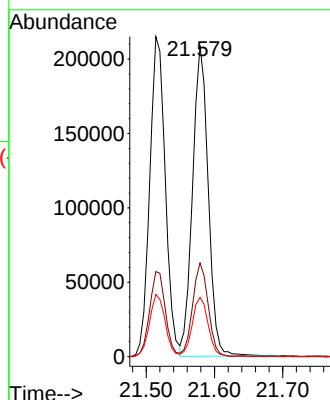
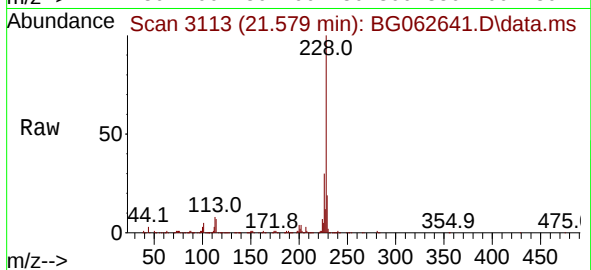
Tgt Ion:228 Resp: 331431

Ion Ratio Lower Upper

228 100

226 30.1 24.9 37.3

229 19.0 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 9.639 ng

RT: 21.438 min Scan# 3089

Delta R.T. 0.004 min

Lab File: BG062641.D

Acq: 4 Sep 2024 13:15

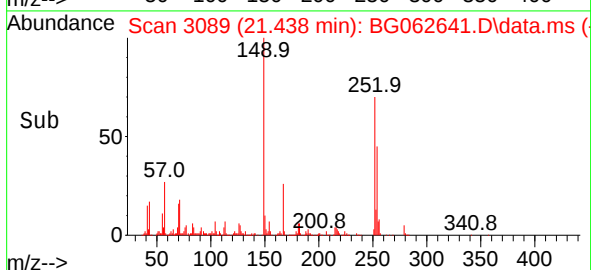
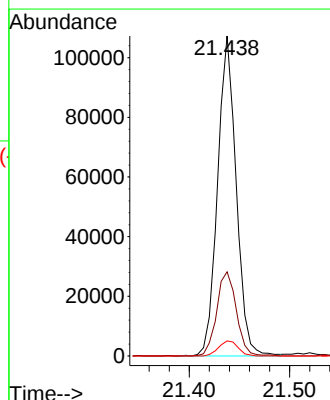
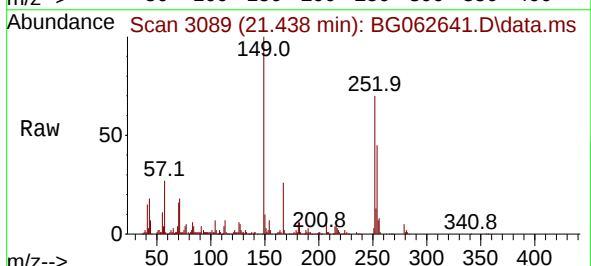
Tgt Ion:149 Resp: 137959

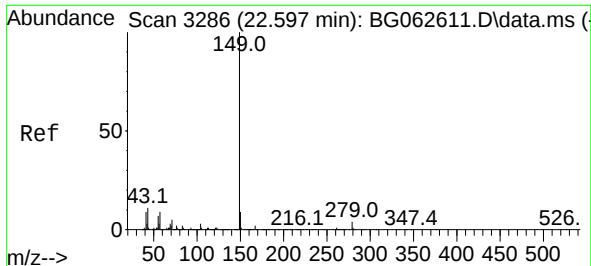
Ion Ratio Lower Upper

149 100

167 26.3 20.5 30.7

279 4.7 3.1 4.7#

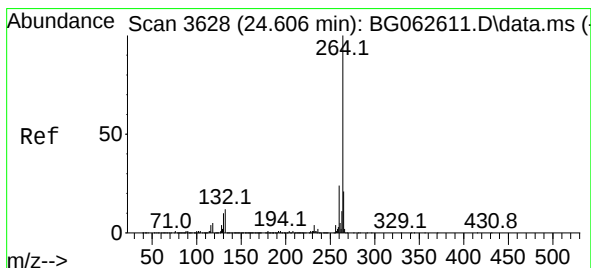
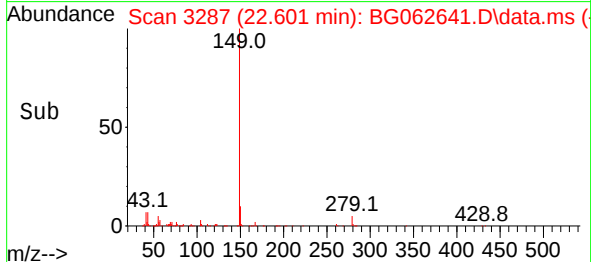
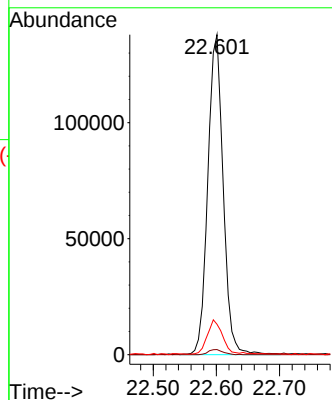
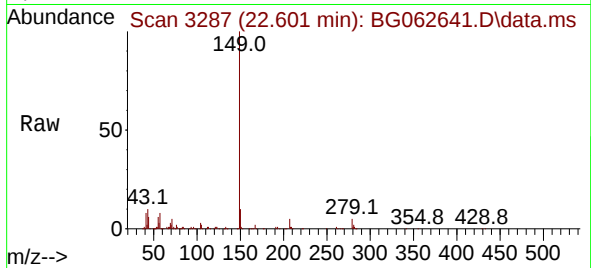




#85  
Di-n-octyl phthalate  
Concen: 9.329 ng  
RT: 22.601 min Scan# 31  
Delta R.T. 0.004 min  
Lab File: BG062641.D  
Acq: 4 Sep 2024 13:15

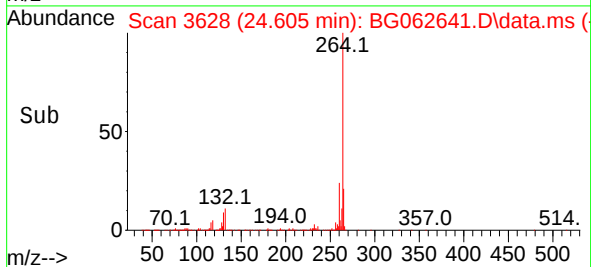
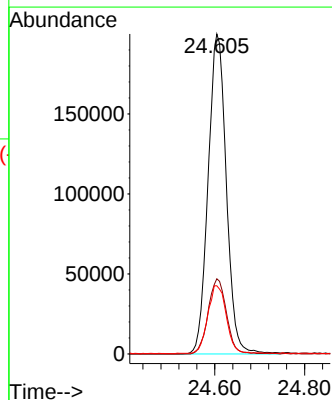
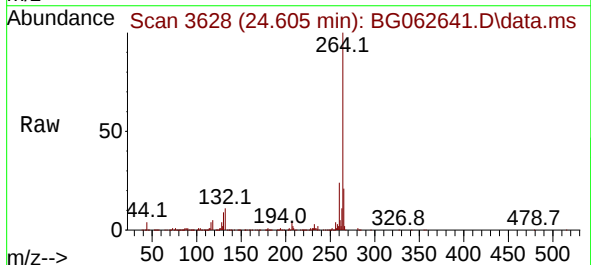
Instrument :  
BNA\_G  
ClientSampleId :  
LOQ-WATER-02-QT3-2024

Tgt Ion:149 Resp: 233800  
Ion Ratio Lower Upper  
149 100  
167 1.6 1.4 2.0  
43 11.1 8.8 13.2



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 24.605 min Scan# 3628  
Delta R.T. -0.002 min  
Lab File: BG062641.D  
Acq: 4 Sep 2024 13:15

Tgt Ion:264 Resp: 562544  
Ion Ratio Lower Upper  
264 100  
260 23.5 19.0 28.4  
265 21.3 17.3 25.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 10.714 ng

RT: 28.065 min Scan# 41

Delta R.T. -0.008 min

Lab File: BG062641.D

Acq: 4 Sep 2024 13:15

Instrument :

BNA\_G

ClientSampleId :

LOQ-WATER-02-QT3-2024

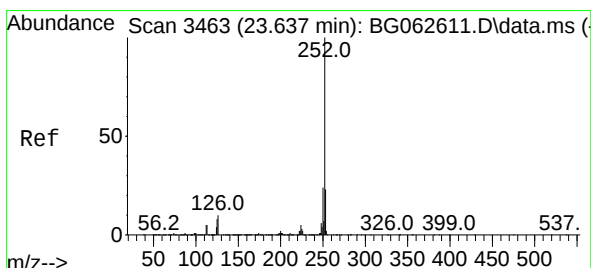
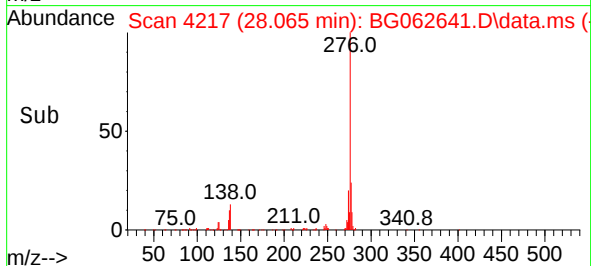
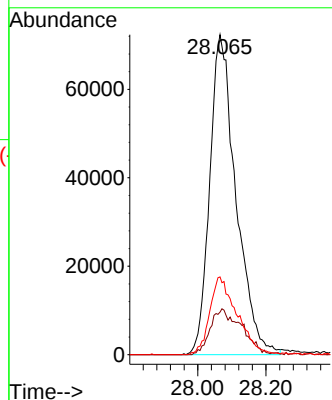
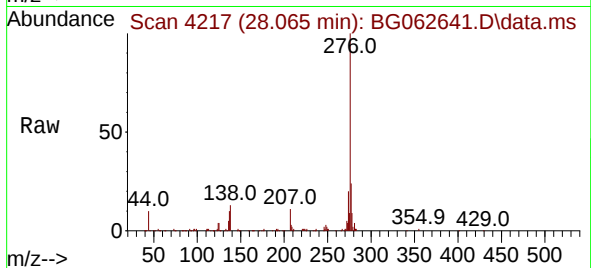
Tgt Ion:276 Resp: 386484

Ion Ratio Lower Upper

276 100

138 17.0 14.9 22.3

277 25.3 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 10.195 ng

RT: 23.635 min Scan# 3463

Delta R.T. -0.002 min

Lab File: BG062641.D

Acq: 4 Sep 2024 13:15

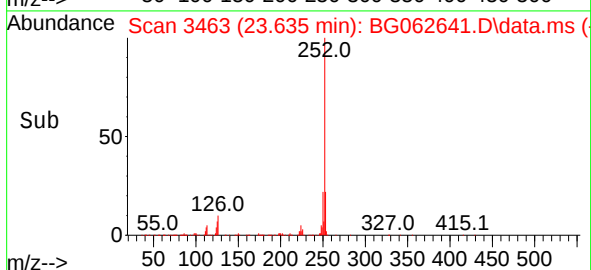
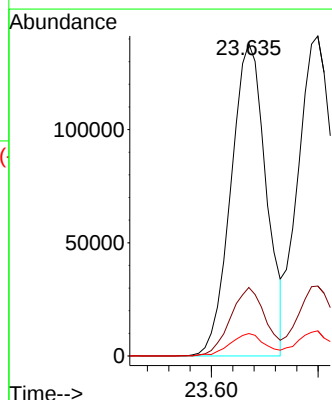
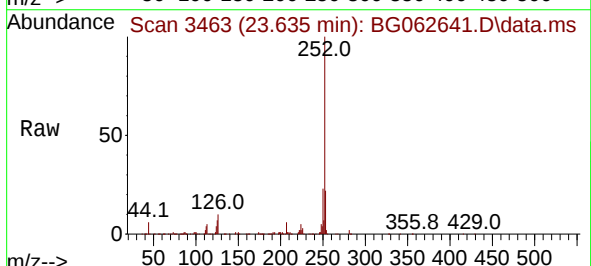
Tgt Ion:252 Resp: 316763

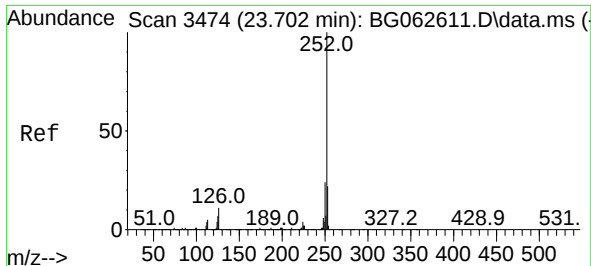
Ion Ratio Lower Upper

252 100

253 21.9 18.2 27.2

125 7.2 6.2 9.2

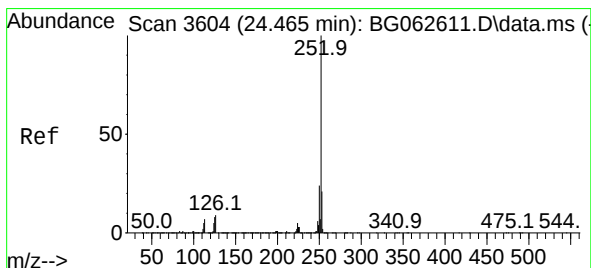
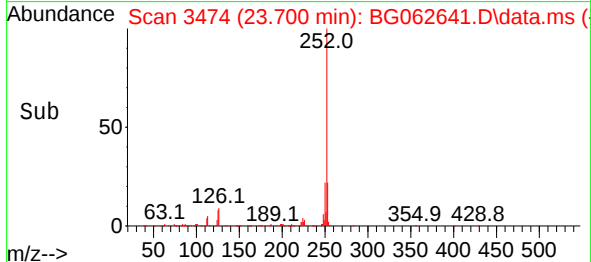
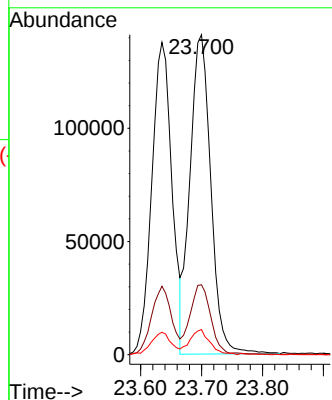
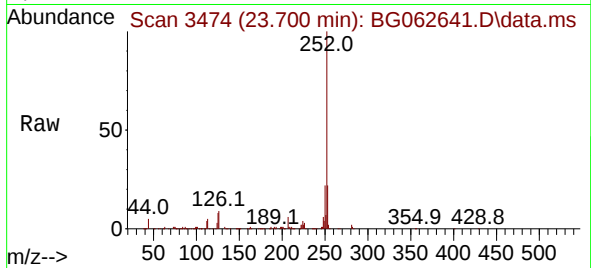




#89  
Benzo(k)fluoranthene  
Concen: 11.009 ng  
RT: 23.700 min Scan# 34  
Delta R.T. -0.002 min  
Lab File: BG062641.D  
Acq: 4 Sep 2024 13:15

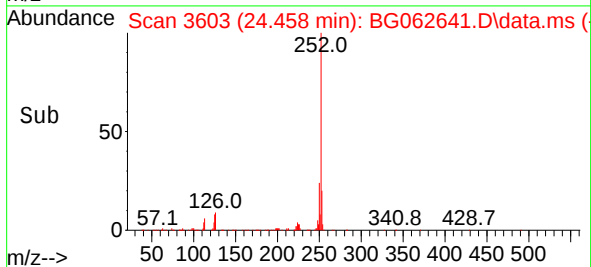
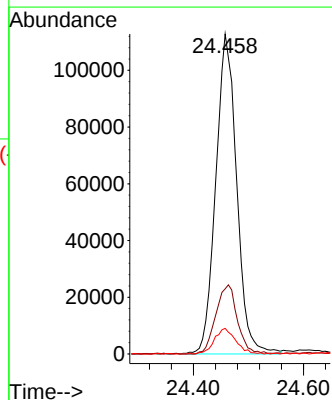
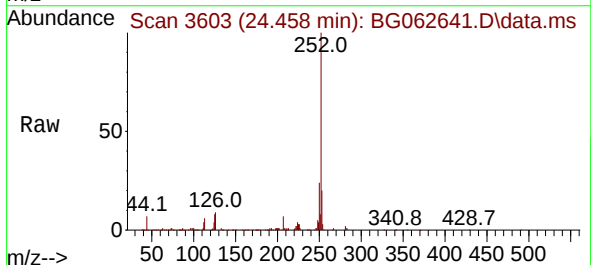
Instrument :  
BNA\_G  
ClientSampleId :  
LOQ-WATER-02-QT3-2024

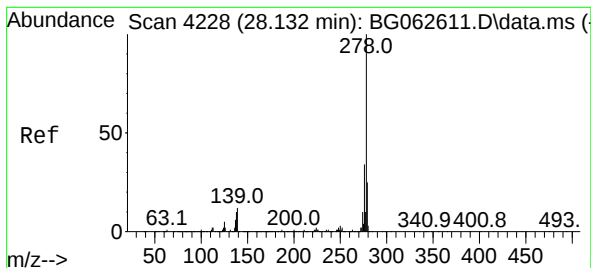
Tgt Ion:252 Resp: 334620  
Ion Ratio Lower Upper  
252 100  
253 21.8 17.8 26.8  
125 7.8 6.1 9.1



#90  
Benzo(a)pyrene  
Concen: 10.847 ng  
RT: 24.458 min Scan# 3603  
Delta R.T. -0.008 min  
Lab File: BG062641.D  
Acq: 4 Sep 2024 13:15

Tgt Ion:252 Resp: 297736  
Ion Ratio Lower Upper  
252 100  
253 20.4 17.1 25.7  
125 8.0 6.6 10.0





#91

Dibenzo(a,h)anthracene

Concen: 10.537 ng

RT: 28.124 min Scan# 41

Delta R.T. -0.008 min

Lab File: BG062641.D

Acq: 4 Sep 2024 13:15

Instrument :

BNA\_G

ClientSampleId :

LOQ-WATER-02-QT3-2024

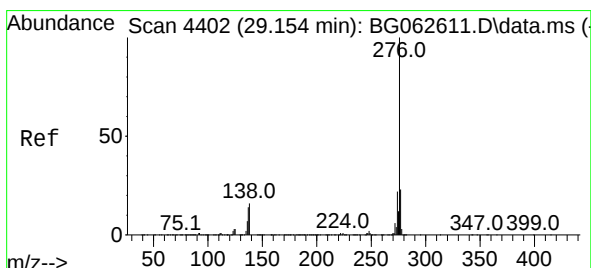
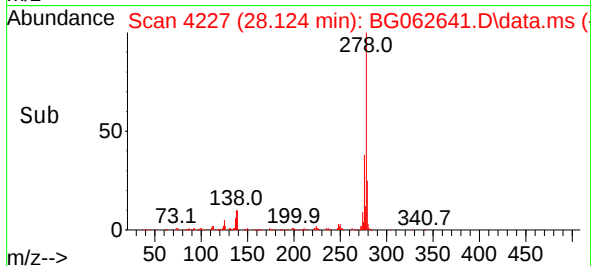
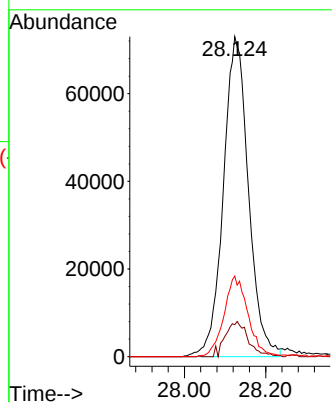
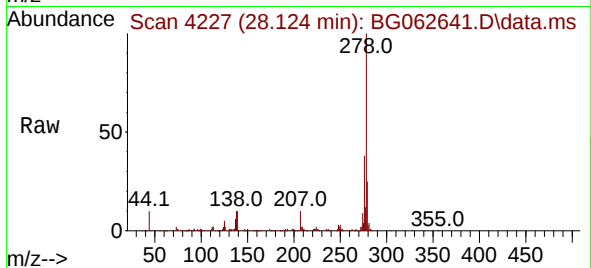
Tgt Ion:278 Resp: 313097

Ion Ratio Lower Upper

278 100

139 10.0 9.2 13.8

279 25.2 19.7 29.5



#92

Benzo(g,h,i)perylene

Concen: 9.996 ng

RT: 29.146 min Scan# 4401

Delta R.T. -0.008 min

Lab File: BG062641.D

Acq: 4 Sep 2024 13:15

Tgt Ion:276 Resp: 299503

Ion Ratio Lower Upper

276 100

277 25.4 18.8 28.2

138 14.0 12.7 19.1

