

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG011025\  
 Data File : BG063950.D  
 Acq On : 10 Jan 2025 14:44  
 Operator : RC/JU  
 Sample : P1187-07  
 Misc : LOD-MDL-WATER-4PPM  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 LOD-MDL-WATER-01-QT1-2024

Quant Time: Jan 10 15:18:49 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG010325.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jan 03 23:17:54 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.768  | 152  | 113519   | 20.000  | ng    | -0.03    |
| 21) Naphthalene-d8            | 10.553 | 136  | 419342   | 20.000  | ng    | -0.03    |
| 39) Acenaphthene-d10          | 14.413 | 164  | 296300   | 20.000  | ng    | -0.03    |
| 64) Phenanthrene-d10          | 17.169 | 188  | 687167   | 20.000  | ng    | -0.03    |
| 76) Chrysene-d12              | 21.429 | 240  | 628228   | 20.000  | ng    | -0.03    |
| 86) Perylene-d12              | 24.437 | 264  | 706928   | 20.000  | ng    | -0.04    |
|                               |        |      |          |         |       |          |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.359  | 112  | 812820   | 114.082 | ng    | -0.03    |
| 7) Phenol-d6                  | 6.957  | 99   | 1144770  | 111.063 | ng    | -0.03    |
| 23) Nitrobenzene-d5           | 8.926  | 82   | 849574   | 79.805  | ng    | -0.03    |
| 42) 2,4,6-Tribromophenol      | 15.917 | 330  | 368214   | 103.055 | ng    | -0.02    |
| 45) 2-Fluorobiphenyl          | 13.032 | 172  | 1633614  | 79.873  | ng    | -0.02    |
| 79) Terphenyl-d14             | 19.807 | 244  | 2751009  | 86.946  | ng    | -0.02    |
|                               |        |      |          |         |       |          |
| Target Compounds              |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.256  | 88   | 16021    | 4.277   | ng    | 94       |
| 3) Pyridine                   | 3.655  | 79   | 33143    | 3.285   | ng    | # 89     |
| 4) n-Nitrosodimethylamine     | 3.573  | 42   | 13169    | 3.414   | ng    | # 95     |
| 6) Aniline                    | 7.098  | 93   | 42104    | 4.703   | ng    | # 95     |
| 8) 2-Chlorophenol             | 7.339  | 128  | 27148    | 3.919   | ng    | 97       |
| 9) Benzaldehyde               | 6.910  | 77   | 33522    | 5.093   | ng    | 95       |
| 10) Phenol                    | 6.981  | 94   | 40870    | 3.808   | ng    | 90       |
| 11) bis(2-Chloroethyl)ether   | 7.198  | 93   | 31793    | 3.779   | ng    | 94       |
| 12) 1,3-Dichlorobenzene       | 7.656  | 146  | 31207    | 3.738   | ng    | 98       |
| 13) 1,4-Dichlorobenzene       | 7.803  | 146  | 34133    | 4.090   | ng    | 96       |
| 14) 1,2-Dichlorobenzene       | 7.803  | 146  | 34133    | 4.156   | ng    | 92       |
| 15) Benzyl Alcohol            | 8.009  | 79   | 23268    | 3.146   | ng    | 96       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.285  | 45   | 47657    | 3.935   | ng    | 95       |
| 17) 2-Methylphenol            | 8.220  | 107  | 23283    | 3.342   | ng    | 90       |
| 18) Hexachloroethane          | 8.837  | 117  | 10917    | 3.373   | ng    | 97       |
| 19) n-Nitroso-di-n-propyla... | 8.573  | 70   | 25297    | 3.361   | ng    | # 87     |
| 20) 3+4-Methylphenols         | 8.561  | 107  | 30186    | 3.222   | ng    | 94       |
| 22) Acetophenone              | 8.591  | 105  | 47320    | 3.758   | ng    | # 95     |
| 24) Nitrobenzene              | 8.961  | 77   | 46132    | 4.036   | ng    | 95       |
| 25) Isophorone                | 9.484  | 82   | 67195    | 3.581   | ng    | 95       |
| 26) 2-Nitrophenol             | 9.683  | 139  | 10984    | 3.028   | ng    | 92       |
| 27) 2,4-Dimethylphenol        | 9.748  | 122  | 12534    | 2.710   | ng    | 91       |
| 28) bis(2-Chloroethoxy)met... | 9.971  | 93   | 40356    | 3.607   | ng    | 97       |
| 29) 2,4-Dichlorophenol        | 10.230 | 162  | 25347    | 3.668   | ng    | 91       |
| 30) 1,2,4-Trichlorobenzene    | 10.424 | 180  | 33251    | 3.978   | ng    | 92       |
| 31) Naphthalene               | 10.606 | 128  | 89204    | 3.924   | ng    | 100      |
| 32) Benzoic acid              | 10.054 | 122  | 398      | 0.129   | ng    | # 47     |
| 33) 4-Chloroaniline           | 10.723 | 127  | 27040    | 3.664   | ng    | # 89     |
| 34) Hexachlorobutadiene       | 10.894 | 225  | 19794    | 3.455   | ng    | 93       |
| 35) Caprolactam               | 11.475 | 113  | 6227     | 2.729   | ng    | # 74     |
| 36) 4-Chloro-3-methylphenol   | 11.875 | 107  | 24459    | 3.189   | ng    | 93       |
| 37) 2-Methylnaphthalene       | 12.222 | 142  | 60248    | 3.772   | ng    | 96       |
| 38) 1-Methylnaphthalene       | 12.445 | 142  | 56789    | 3.575   | ng    | 97       |
| 40) 1,2,4,5-Tetrachloroben... | 12.598 | 216  | 37936    | 3.816   | ng    | 95       |
| 41) Hexachlorocyclopentadiene | 12.574 | 237  | 113      | 11.494  | ng    | # 1      |
| 43) 2,4,6-Trichlorophenol     | 12.938 | 196  | 19111    | 3.264   | ng    | 95       |

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 Sample : P1187-07  
 Misc : LOD-MDL-WATER-4PPM  
 ALS Vial : 9 Sample Multiplier: 1

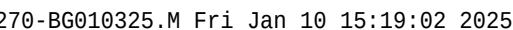
Instrument :  
 BNA\_G  
 ClientSampleId :  
 LOD-MDL-WATER-01-QT1-2024

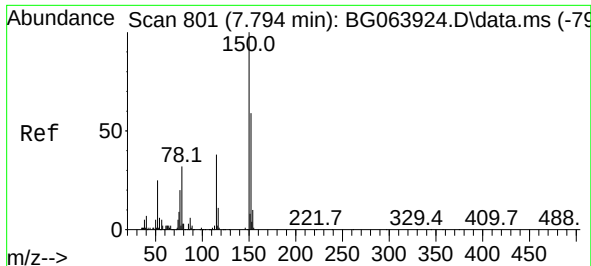
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 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG010325.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jan 03 23:17:54 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 12.938 | 196  | 19111    | 2.908 | ng    | # 92     |
| 46) 1,1'-Biphenyl             | 13.244 | 154  | 92107    | 4.259 | ng    | 98       |
| 47) 2-Chloronaphthalene       | 13.285 | 162  | 66621    | 3.747 | ng    | 98       |
| 48) 2-Nitroaniline            | 13.503 | 65   | 17680    | 2.972 | ng    | 91       |
| 49) Acenaphthylene            | 14.137 | 152  | 108381   | 4.114 | ng    | 94       |
| 50) Dimethylphthalate         | 13.873 | 163  | 79076    | 3.654 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 14.002 | 165  | 14853    | 3.081 | ng    | # 79     |
| 52) Acenaphthene              | 14.478 | 154  | 61527    | 3.820 | ng    | 98       |
| 53) 3-Nitroaniline            | 14.331 | 138  | 13437    | 3.038 | ng    | # 93     |
| 54) 2,4-Dinitrophenol         | 14.589 | 184  | 488      | 8.164 | ng    | # 21     |
| 55) Dibenzofuran              | 14.819 | 168  | 112590   | 4.027 | ng    | 96       |
| 56) 4-Nitrophenol             | 14.695 | 139  | 5575     | 1.838 | ng    | # 80     |
| 57) 2,4-Dinitrotoluene        | 14.801 | 165  | 19172    | 2.833 | ng    | # 92     |
| 58) Fluorene                  | 15.471 | 166  | 82835    | 3.813 | ng    | 91       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.060 | 232  | 17497    | 3.017 | ng    | 98       |
| 60) Diethylphthalate          | 15.242 | 149  | 75497    | 3.539 | ng    | 95       |
| 61) 4-Chlorophenyl-phenyle... | 15.465 | 204  | 42643    | 3.621 | ng    | 94       |
| 62) 4-Nitroaniline            | 15.500 | 138  | 10773    | 2.343 | ng    | # 84     |
| 63) Azobenzene                | 15.759 | 77   | 97968    | 3.630 | ng    | 95       |
| 65) 4,6-Dinitro-2-methylph... | 15.577 | 198  | 4772     | 1.332 | ng    | 93       |
| 66) n-Nitrosodiphenylamine    | 15.682 | 169  | 68903    | 3.850 | ng    | 96       |
| 67) 4-Bromophenyl-phenylether | 16.358 | 248  | 28919    | 3.807 | ng    | 92       |
| 68) Hexachlorobenzene         | 16.481 | 284  | 32342    | 3.729 | ng    | # 92     |
| 69) Atrazine                  | 16.634 | 200  | 24879    | 4.337 | ng    | 92       |
| 70) Pentachlorophenol         | 16.857 | 266  | 3068     | 0.853 | ng    | # 58     |
| 71) Phenanthrene              | 17.216 | 178  | 147637   | 4.130 | ng    | 97       |
| 72) Anthracene                | 17.304 | 178  | 140320   | 4.033 | ng    | 99       |
| 73) Carbazole                 | 17.586 | 167  | 118893   | 3.700 | ng    | 97       |
| 74) Di-n-butylphthalate       | 18.144 | 149  | 126655   | 3.537 | ng    | 98       |
| 75) Fluoranthene              | 19.243 | 202  | 173426   | 3.845 | ng    | 98       |
| 77) Benzidine                 | 19.807 | 184  | 45401    | 5.165 | ng    | 97       |
| 78) Pyrene                    | 19.607 | 202  | 174366   | 4.046 | ng    | 98       |
| 80) Butylbenzylphthalate      | 20.500 | 149  | 41973    | 3.157 | ng    | 89       |
| 81) Benzo(a)anthracene        | 21.411 | 228  | 162931   | 3.877 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 21.334 | 252  | 41452    | 3.175 | ng    | 90       |
| 83) Chrysene                  | 21.411 | 228  | 162931   | 3.993 | ng    | 95       |
| 84) Bis(2-ethylhexyl)phtha... | 21.323 | 149  | 65526    | 3.223 | ng    | # 99     |
| 85) Di-n-octyl phthalate      | 22.457 | 149  | 115614   | 3.265 | ng    | 96       |
| 87) Indeno(1,2,3-cd)pyrene    | 27.845 | 276  | 175316   | 3.571 | ng    | # 72     |
| 88) Benzo(b)fluoranthene      | 23.544 | 252  | 168306   | 3.809 | ng    | 94       |
| 89) Benzo(k)fluoranthene      | 23.544 | 252  | 168306   | 3.795 | ng    | 95       |
| 90) Benzo(a)pyrene            | 24.290 | 252  | 150928   | 3.845 | ng    | # 95     |
| 91) Dibenzo(a,h)anthracene    | 27.886 | 278  | 138232   | 3.402 | ng    | 98       |
| 92) Benzo(g,h,i)perylene      | 28.896 | 276  | 138473   | 3.313 | ng    | 96       |

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

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QLast Update : Fri Jan 03 23:17:54 2025  
Response via : Initial Calibration

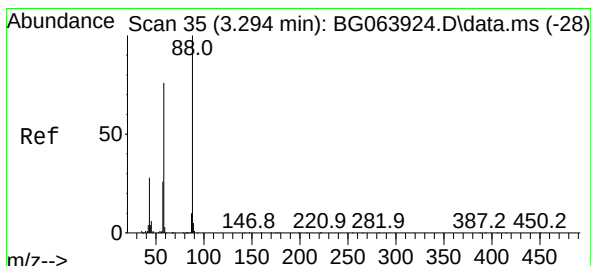
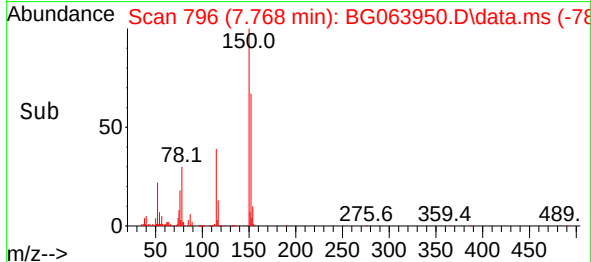
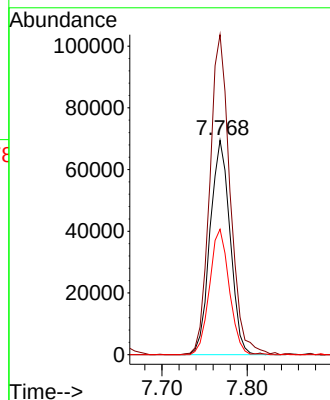
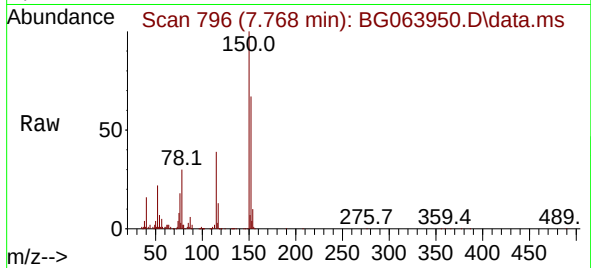




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 7.768 min Scan# 7  
 Delta R.T. -0.026 min  
 Lab File: BG063950.D  
 Acq: 10 Jan 2025 14:44

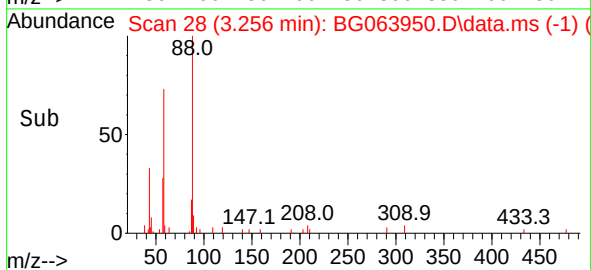
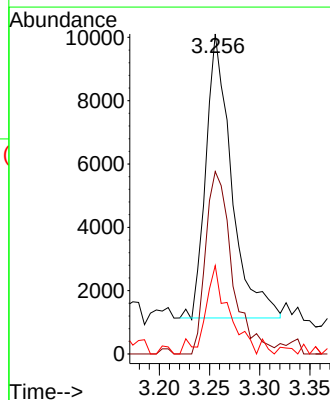
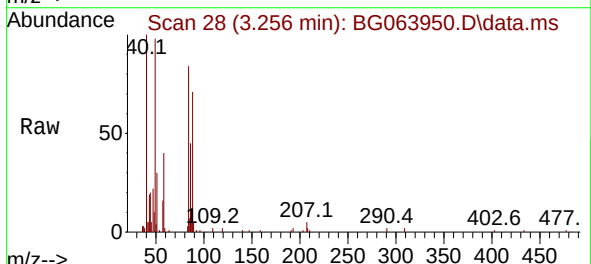
Instrument :  
 BNA\_G  
 ClientSampleId :  
 LOD-MDL-WATER-01-QT1-2024

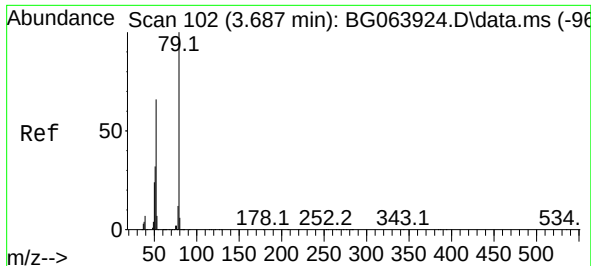
Tgt Ion:152 Resp: 113519  
 Ion Ratio Lower Upper  
 152 100  
 150 149.2 135.5 203.3  
 115 58.5 51.8 77.8



#2  
 1,4-Dioxane  
 Concen: 4.277 ng  
 RT: 3.256 min Scan# 28  
 Delta R.T. -0.038 min  
 Lab File: BG063950.D  
 Acq: 10 Jan 2025 14:44

Tgt Ion: 88 Resp: 16021  
 Ion Ratio Lower Upper  
 88 100  
 58 66.4 58.4 87.6  
 43 28.1 22.1 33.1

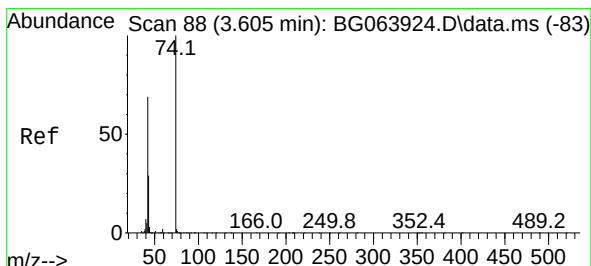
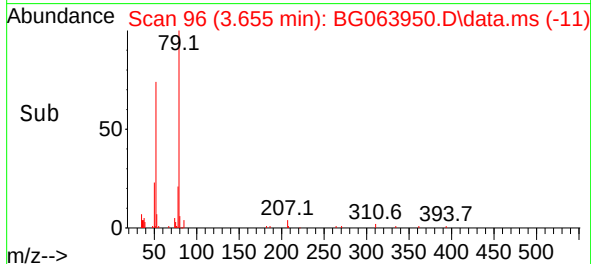
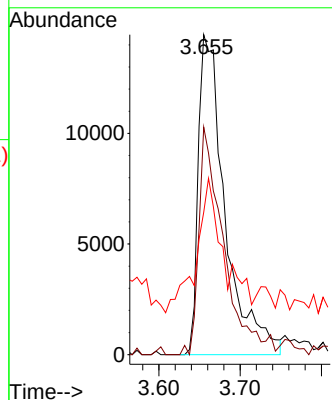
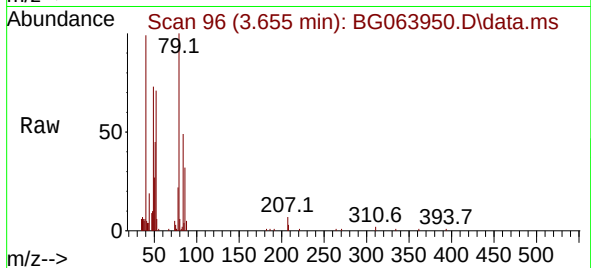




#3  
 Pyridine  
 Concen: 3.285 ng  
 RT: 3.655 min Scan# 90  
 Delta R.T. -0.032 min  
 Lab File: BG063950.D  
 Acq: 10 Jan 2025 14:44

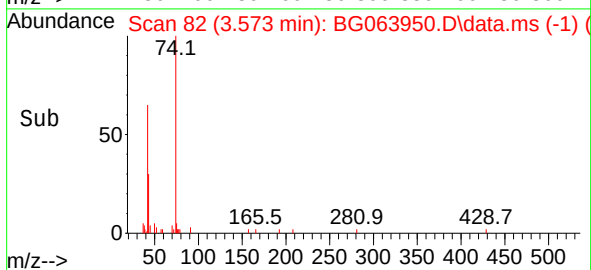
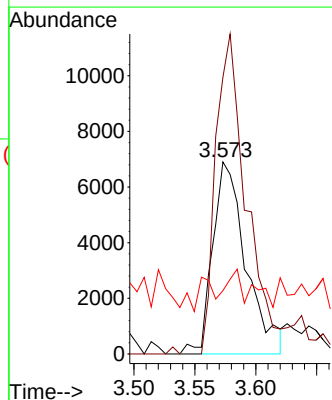
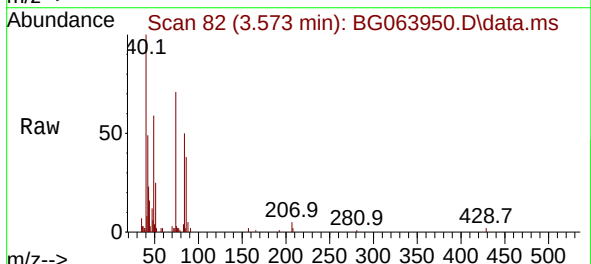
Instrument : BNA\_G  
 ClientSampleId : LOD-MDL-WATER-01-QT1-2024

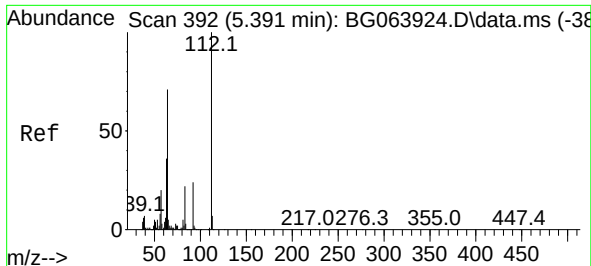
Tgt Ion: 79 Resp: 33143  
 Ion Ratio Lower Upper  
 79 100  
 52 71.1 53.1 79.7  
 51 44.5 26.2 39.4#



#4  
 n-Nitrosodimethylamine  
 Concen: 3.414 ng  
 RT: 3.573 min Scan# 82  
 Delta R.T. -0.032 min  
 Lab File: BG063950.D  
 Acq: 10 Jan 2025 14:44

Tgt Ion: 42 Resp: 13169  
 Ion Ratio Lower Upper  
 42 100  
 74 144.0 116.6 175.0  
 44 33.0 10.4 15.6#

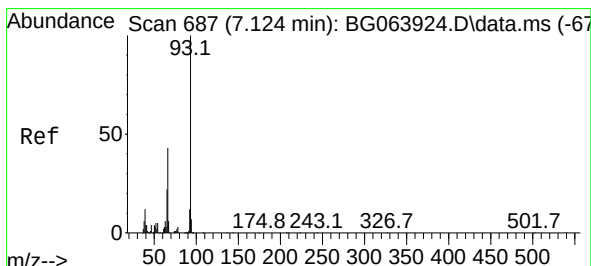
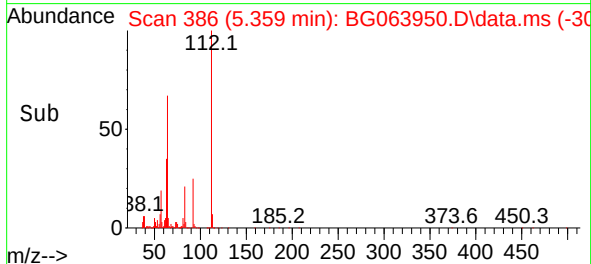
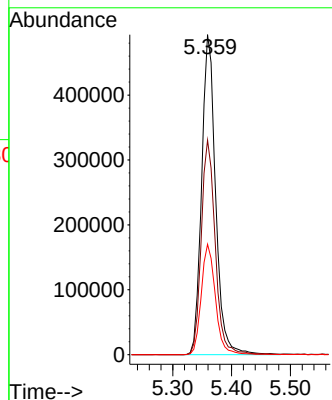
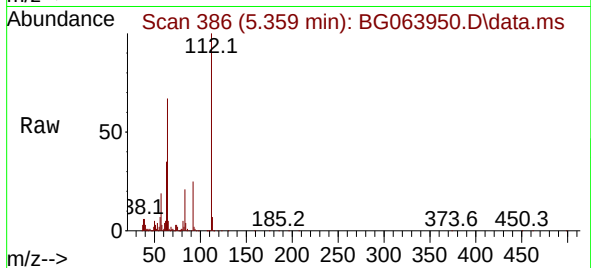




#5  
2-Fluorophenol  
Concen: 114.082 ng  
RT: 5.359 min Scan# 30  
Delta R.T. -0.032 min  
Lab File: BG063950.D  
Acq: 10 Jan 2025 14:44

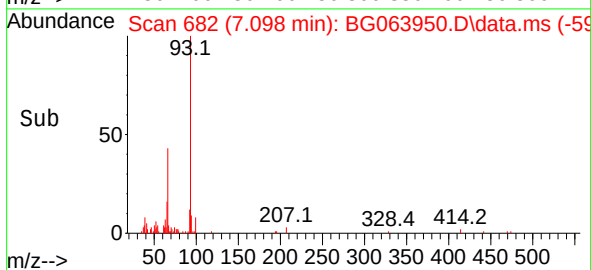
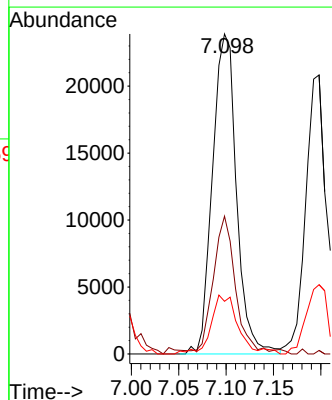
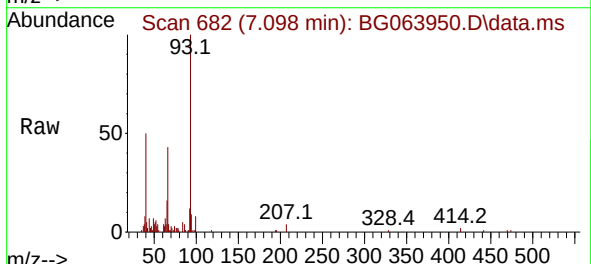
Instrument :  
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ClientSampleId :  
LOD-MDL-WATER-01-QT1-2024

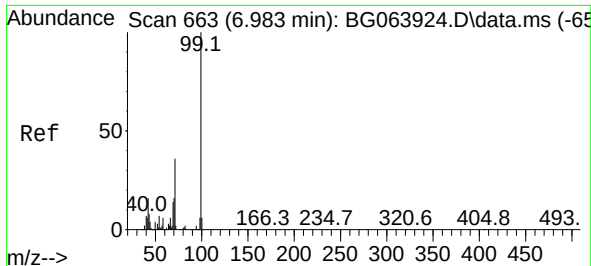
Tgt Ion:112 Resp: 812820  
Ion Ratio Lower Upper  
112 100  
64 67.0 56.6 85.0  
63 34.5 29.2 43.8



#6  
Aniline  
Concen: 4.703 ng  
RT: 7.098 min Scan# 682  
Delta R.T. -0.026 min  
Lab File: BG063950.D  
Acq: 10 Jan 2025 14:44

Tgt Ion: 93 Resp: 42104  
Ion Ratio Lower Upper  
93 100  
66 43.1 35.0 52.4  
65 16.5 17.8 26.8#



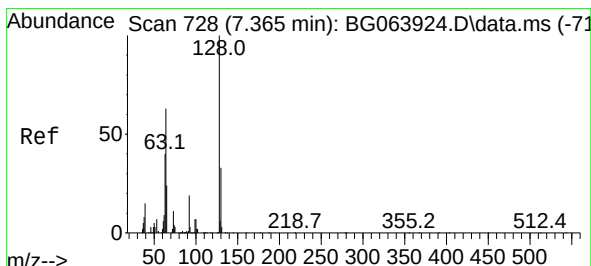
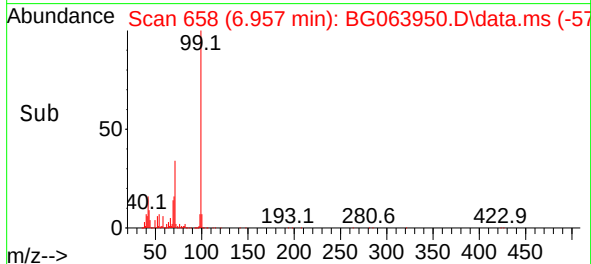
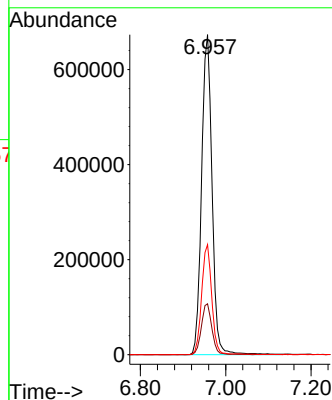
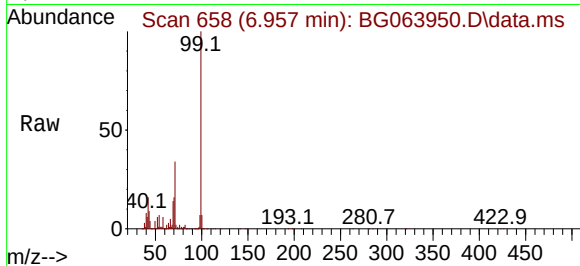


#7  
Phenol-d6  
Concen: 111.063 ng  
RT: 6.957 min Scan# 61  
Delta R.T. -0.026 min  
Lab File: BG063950.D  
Acq: 10 Jan 2025 14:44

Instrument :  
BNA\_G  
ClientSampleId :  
LOD-MDL-WATER-01-QT1-2024

Tgt Ion: 99 Resp: 1144770

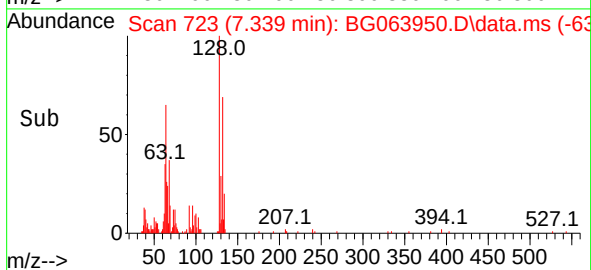
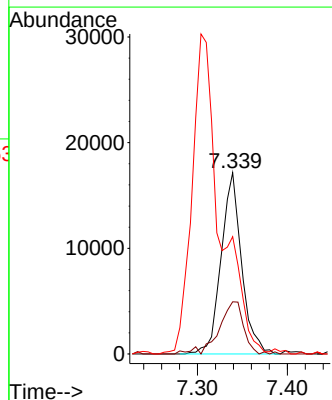
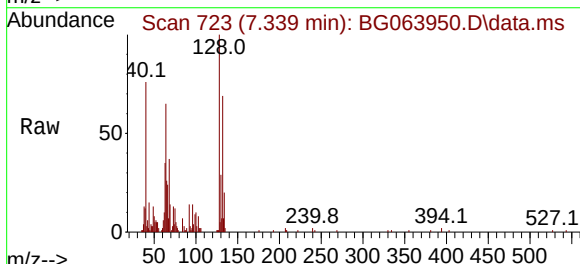
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|-----|-------|-------|-------|
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| 42  | 15.9  | 13.0  | 19.6  |
| 71  | 34.4  | 28.5  | 42.7  |

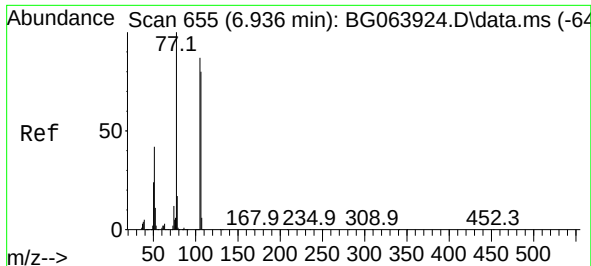


#8  
2-Chlorophenol  
Concen: 3.919 ng  
RT: 7.339 min Scan# 723  
Delta R.T. -0.026 min  
Lab File: BG063950.D  
Acq: 10 Jan 2025 14:44

Tgt Ion: 128 Resp: 27148

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 130 | 28.7  | 13.4  | 53.4  |
| 64  | 64.7  | 44.6  | 84.6  |

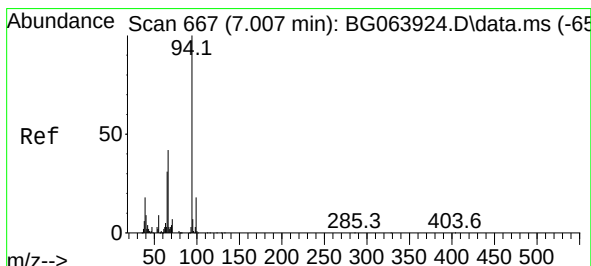
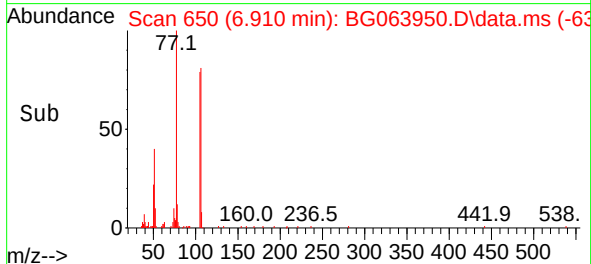
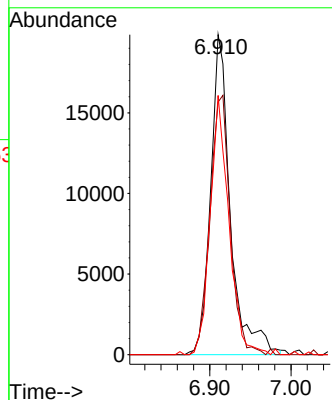
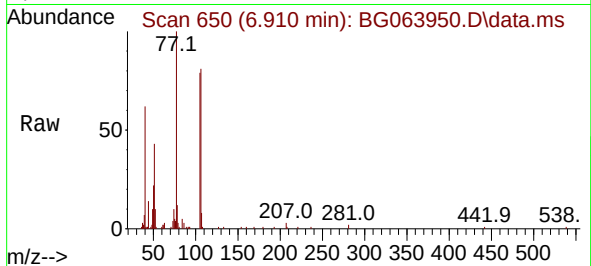




#9  
Benzaldehyde  
Concen: 5.093 ng  
RT: 6.910 min Scan# 61  
Delta R.T. -0.026 min  
Lab File: BG063950.D  
Acq: 10 Jan 2025 14:44

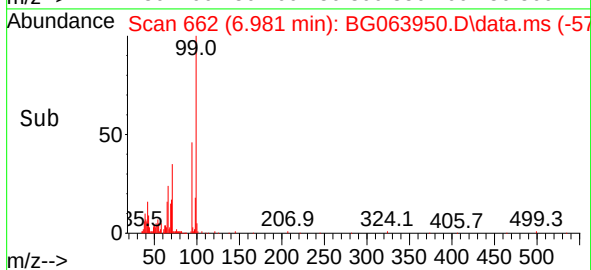
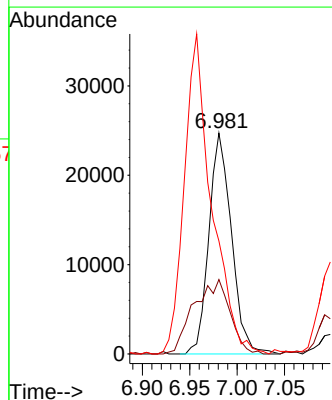
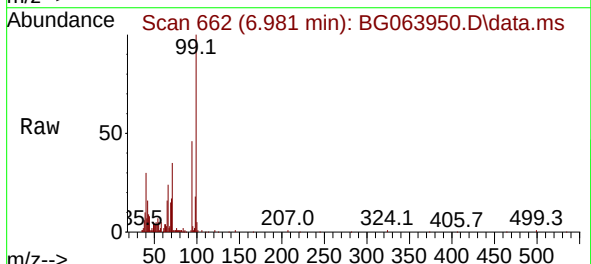
Instrument :  
BNA\_G  
ClientSampleId :  
LOD-MDL-WATER-01-QT1-2024

Tgt Ion: 77 Resp: 33522  
Ion Ratio Lower Upper  
77 100  
105 79.0 66.5 106.5  
106 81.0 60.1 100.1

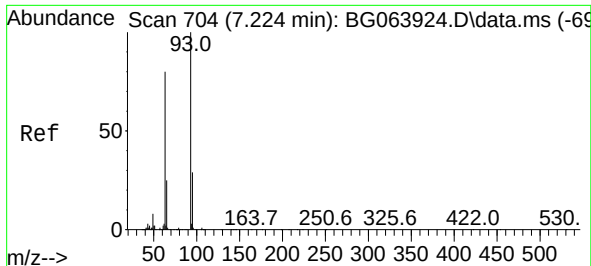


#10  
Phenol  
Concen: 3.808 ng  
RT: 6.981 min Scan# 662  
Delta R.T. -0.026 min  
Lab File: BG063950.D  
Acq: 10 Jan 2025 14:44

Tgt Ion: 94 Resp: 40870  
Ion Ratio Lower Upper  
94 100  
65 33.7 11.5 51.5  
66 51.1 21.9 61.9



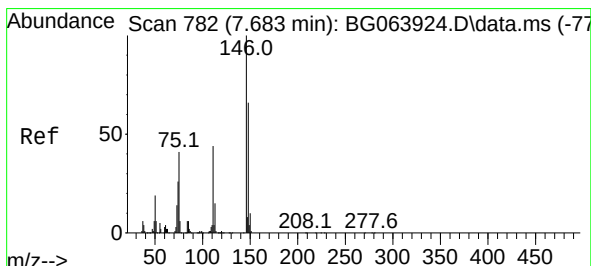
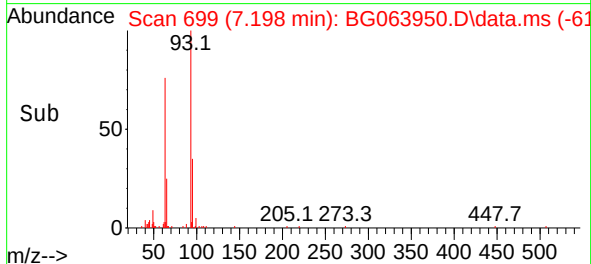
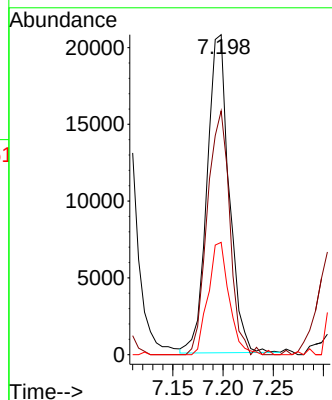
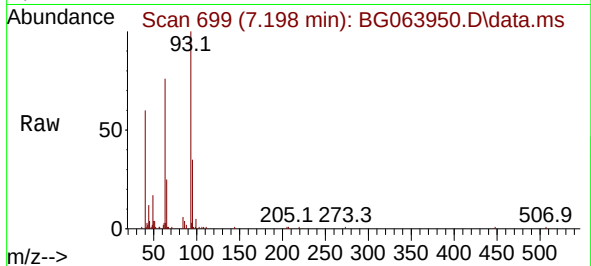




#11  
bis(2-Chloroethyl)ether  
Concen: 3.779 ng  
RT: 7.198 min Scan# 61  
Delta R.T. -0.026 min  
Lab File: BG063950.D  
Acq: 10 Jan 2025 14:44

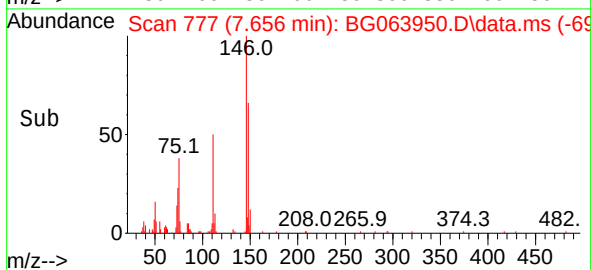
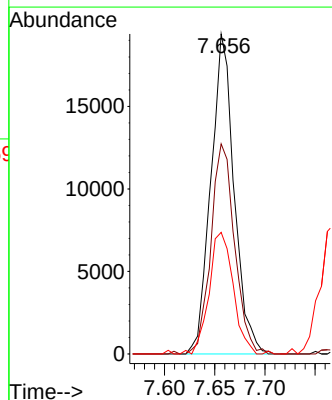
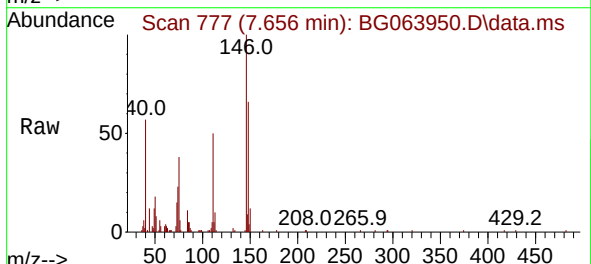
Instrument :  
BNA\_G  
ClientSampleId :  
LOD-MDL-WATER-01-QT1-2024

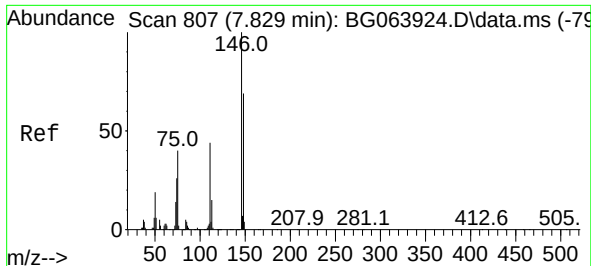
Tgt Ion: 93 Resp: 31793  
Ion Ratio Lower Upper  
93 100  
63 76.2 59.6 99.6  
95 35.1 9.3 49.3



#12  
1,3-Dichlorobenzene  
Concen: 3.738 ng  
RT: 7.656 min Scan# 777  
Delta R.T. -0.026 min  
Lab File: BG063950.D  
Acq: 10 Jan 2025 14:44

Tgt Ion:146 Resp: 31207  
Ion Ratio Lower Upper  
146 100  
148 65.7 52.6 78.8  
75 38.0 32.6 48.8

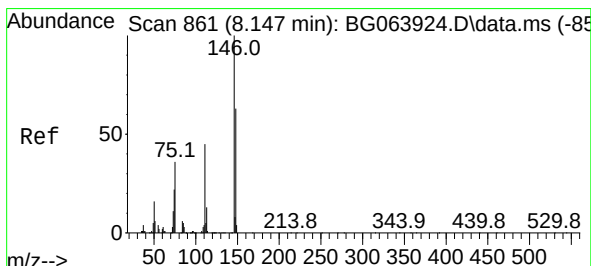
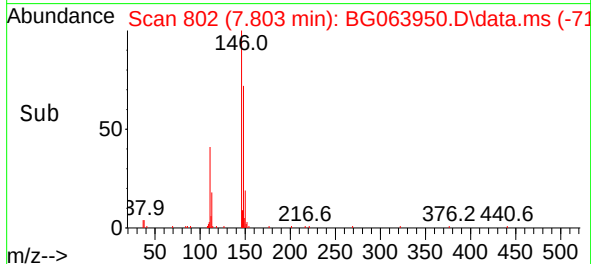
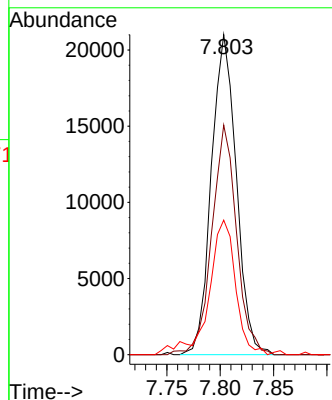
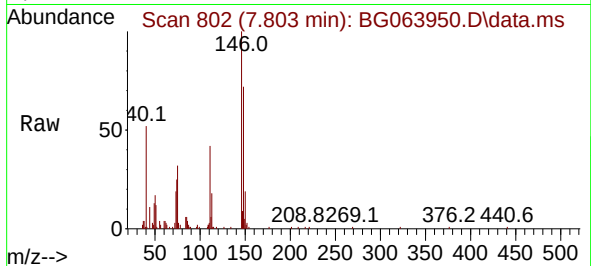




#13  
1,4-Dichlorobenzene  
Concen: 4.090 ng  
RT: 7.803 min Scan# 802  
Delta R.T. -0.026 min  
Lab File: BG063950.D  
Acq: 10 Jan 2025 14:44

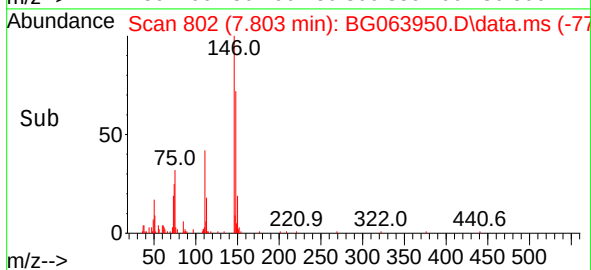
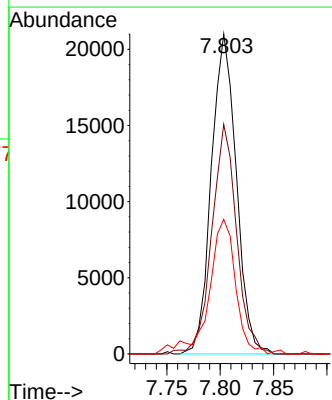
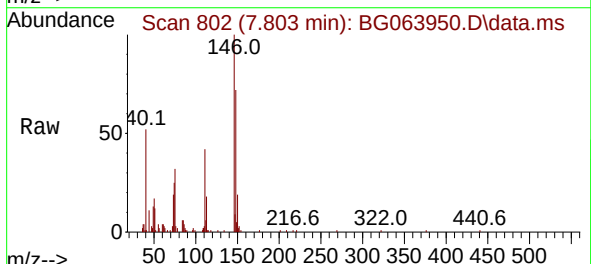
Instrument :  
BNA\_G  
ClientSampleId :  
LOD-MDL-WATER-01-QT1-2024

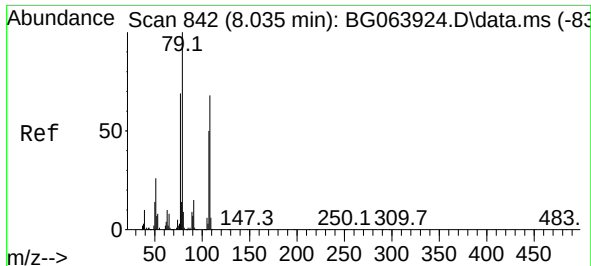
Tgt Ion:146 Resp: 34133  
Ion Ratio Lower Upper  
146 100  
148 71.7 55.4 83.0  
111 42.1 35.8 53.8



#14  
1,2-Dichlorobenzene  
Concen: 4.156 ng  
RT: 7.803 min Scan# 802  
Delta R.T. -0.343 min  
Lab File: BG063950.D  
Acq: 10 Jan 2025 14:44

Tgt Ion:146 Resp: 34133  
Ion Ratio Lower Upper  
146 100  
148 71.7 50.7 76.1  
111 42.1 36.1 54.1

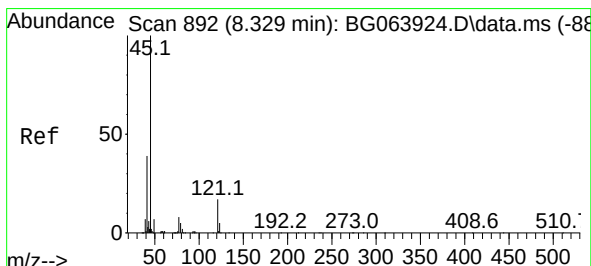
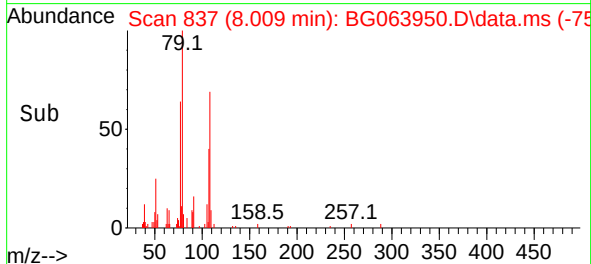
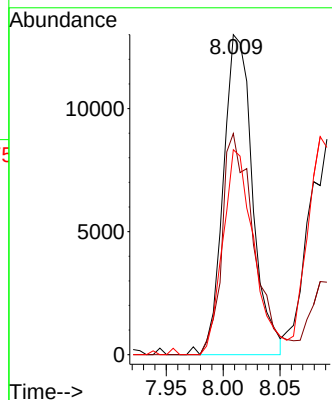
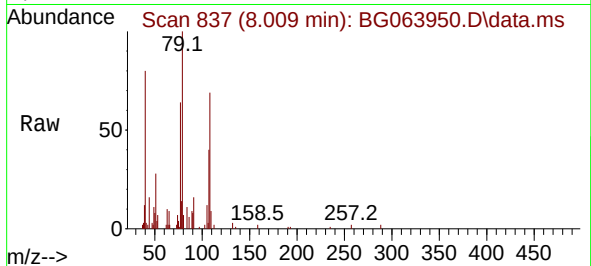




#15  
Benzyl Alcohol  
Concen: 3.146 ng  
RT: 8.009 min Scan# 841  
Delta R.T. -0.026 min  
Lab File: BG063950.D  
Acq: 10 Jan 2025 14:44

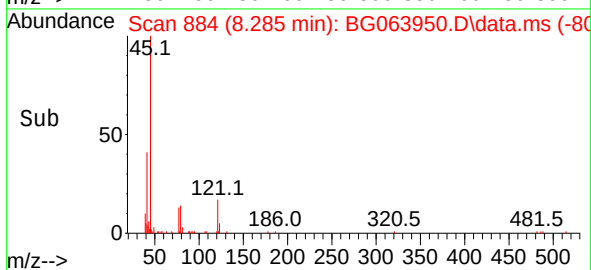
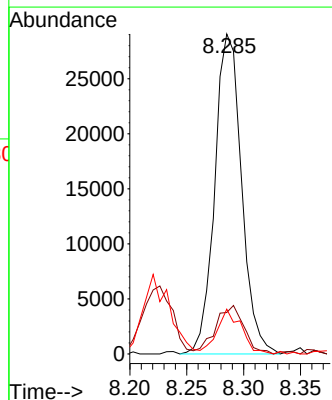
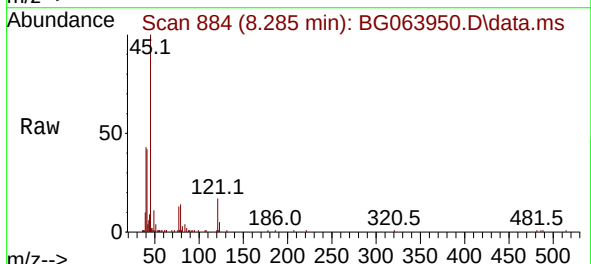
Instrument :  
BNA\_G  
ClientSampleId :  
LOD-MDL-WATER-01-QT1-2024

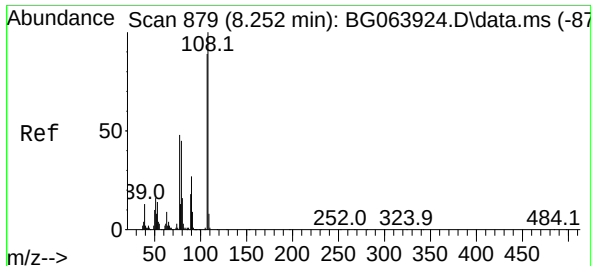
Tgt Ion: 79 Resp: 23268  
Ion Ratio Lower Upper  
79 100  
108 69.1 54.6 81.8  
77 64.0 55.6 83.4



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 3.935 ng  
RT: 8.285 min Scan# 884  
Delta R.T. -0.044 min  
Lab File: BG063950.D  
Acq: 10 Jan 2025 14:44

Tgt Ion: 45 Resp: 47657  
Ion Ratio Lower Upper  
45 100  
77 12.9 0.0 34.7  
79 14.0 0.0 32.1

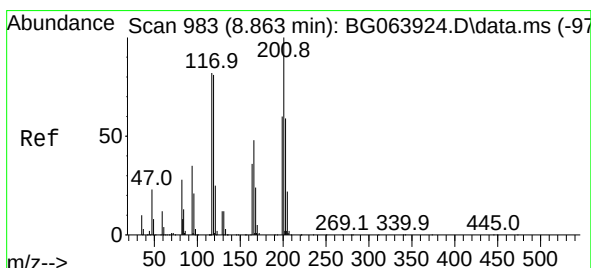
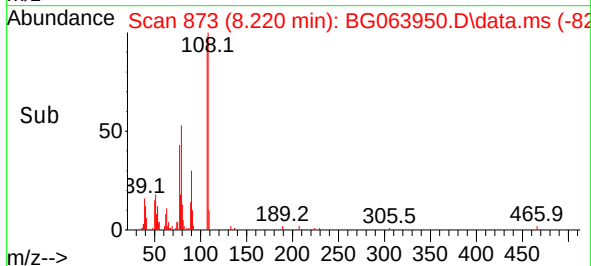
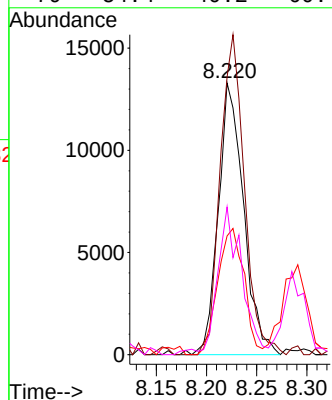
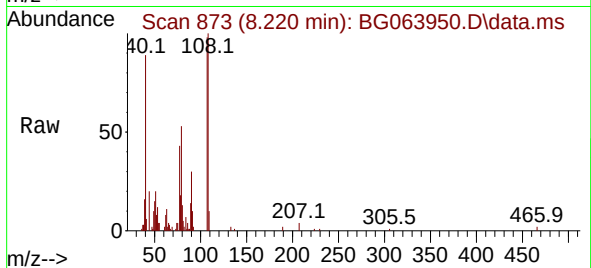




#17  
2-Methylphenol  
Concen: 3.342 ng  
RT: 8.220 min Scan# 81  
Delta R.T. -0.032 min  
Lab File: BG063950.D  
Acq: 10 Jan 2025 14:44

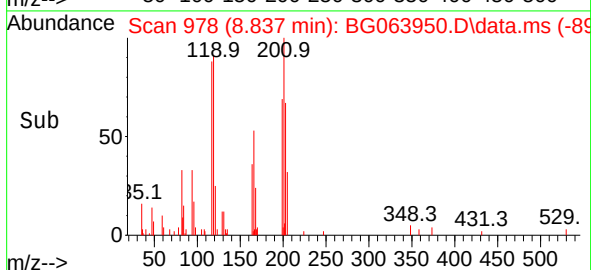
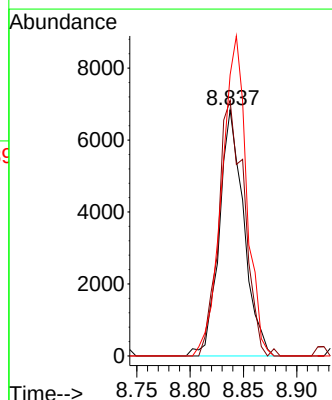
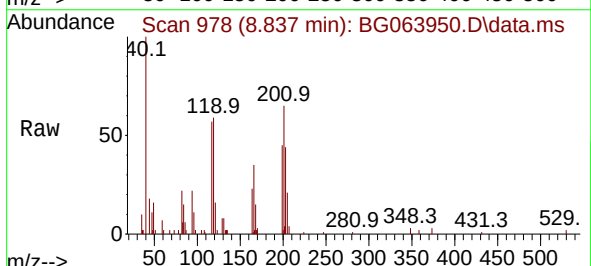
Instrument :  
BNA\_G  
ClientSampleId :  
LOD-MDL-WATER-01-QT1-2024

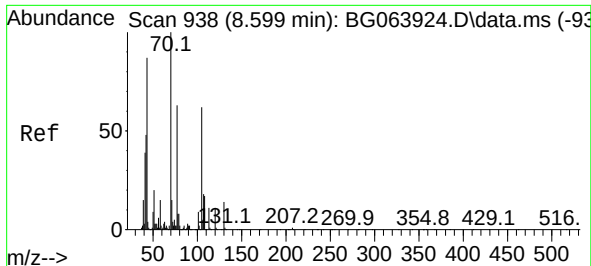
|     |         |       |       |
|-----|---------|-------|-------|
| Tgt | Ion:107 | Resp: | 23283 |
| Ion | Ratio   | Lower | Upper |
| 107 | 100     |       |       |
| 108 | 102.2   | 89.5  | 134.3 |
| 77  | 43.7    | 43.4  | 65.2  |
| 79  | 54.4    | 40.2  | 60.4  |



#18  
Hexachloroethane  
Concen: 3.373 ng  
RT: 8.837 min Scan# 978  
Delta R.T. -0.026 min  
Lab File: BG063950.D  
Acq: 10 Jan 2025 14:44

|             |       |       |       |
|-------------|-------|-------|-------|
| Tgt Ion:117 | Resp: | 10917 |       |
| Ion         | Ratio | Lower | Upper |
| 117         | 100   |       |       |
| 119         | 103.7 | 79.7  | 119.5 |
| 201         | 121.0 | 97.8  | 146.8 |

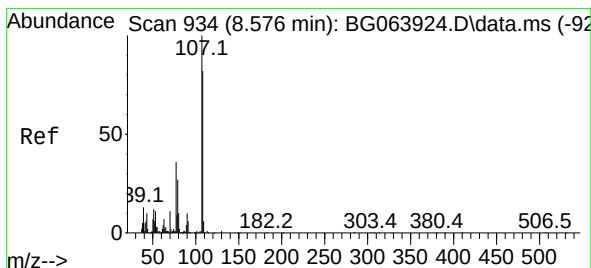
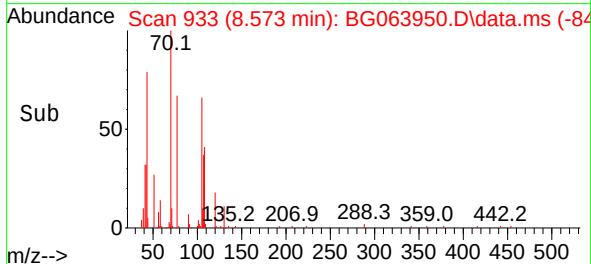
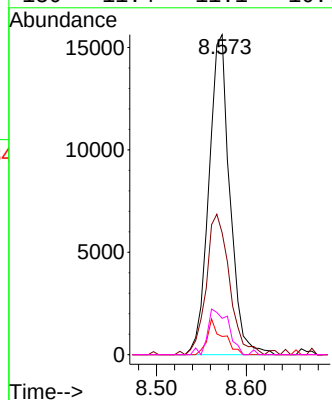
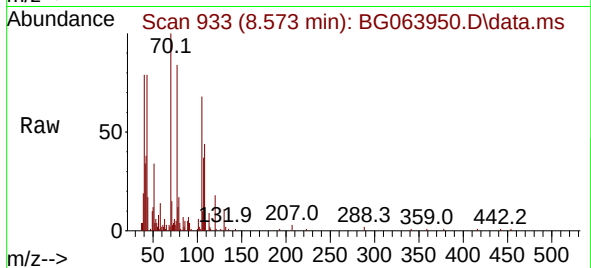




#19  
n-Nitroso-di-n-propylamine  
Concen: 3.361 ng  
RT: 8.573 min Scan# 91  
Delta R.T. -0.026 min  
Lab File: BG063950.D  
Acq: 10 Jan 2025 14:44

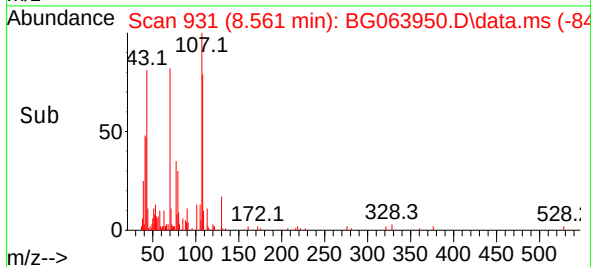
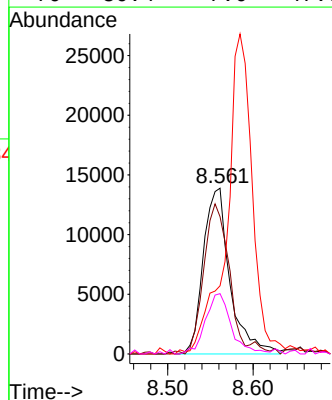
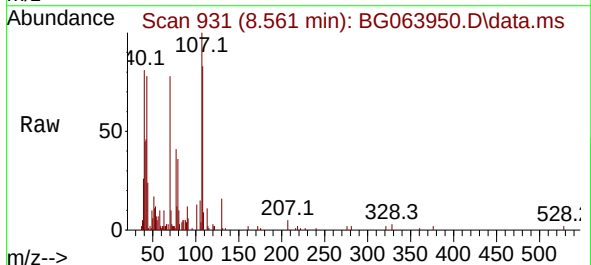
Instrument :  
BNA\_G  
ClientSampleId :  
LOD-MDL-WATER-01-QT1-2024

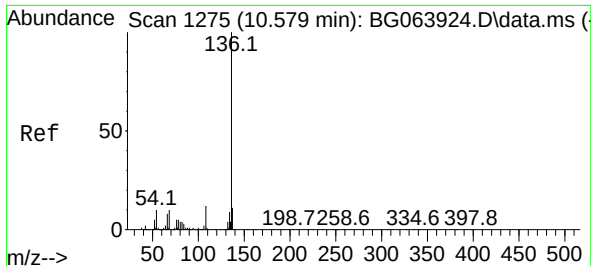
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 70    | Resp: | 25297 |
| Ion      | Ratio | Lower | Upper |
| 70       | 100   |       |       |
| 42       | 38.1  | 39.0  | 58.4# |
| 101      | 5.7   | 7.0   | 10.4# |
| 130      | 11.4  | 11.1  | 16.7  |



#20  
3+4-Methylphenols  
Concen: 3.222 ng  
RT: 8.561 min Scan# 931  
Delta R.T. -0.014 min  
Lab File: BG063950.D  
Acq: 10 Jan 2025 14:44

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 107   | Resp: | 30186 |
| Ion      | Ratio | Lower | Upper |
| 107      | 100   |       |       |
| 108      | 82.8  | 62.4  | 102.4 |
| 77       | 41.1  | 16.3  | 56.3  |
| 79       | 36.4  | 7.0   | 47.0  |

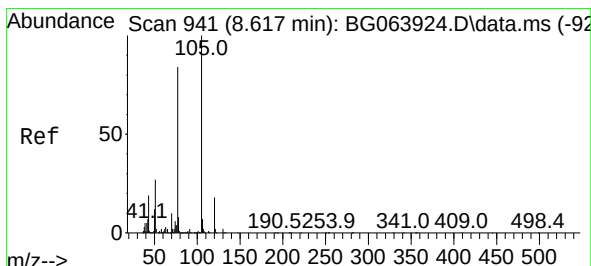
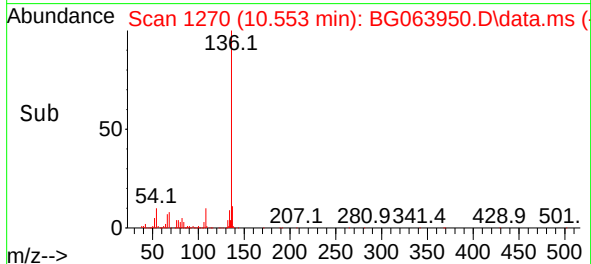
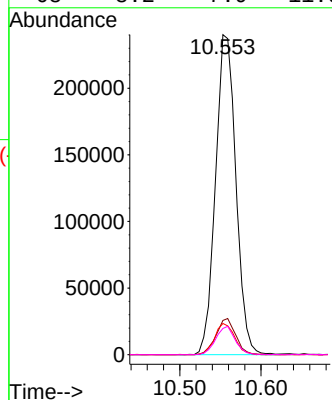
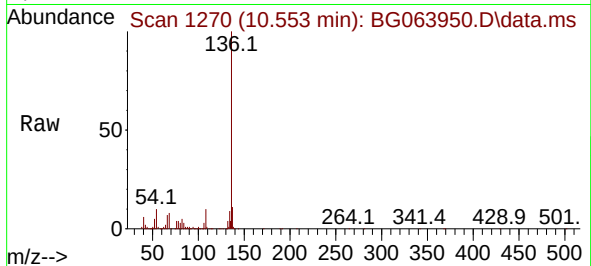




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.553 min Scan# 11  
Delta R.T. -0.026 min  
Lab File: BG063950.D  
Acq: 10 Jan 2025 14:44

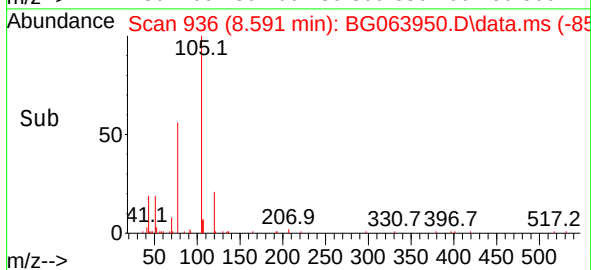
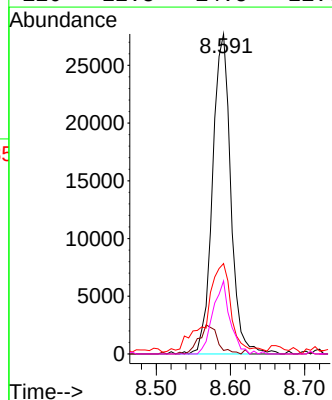
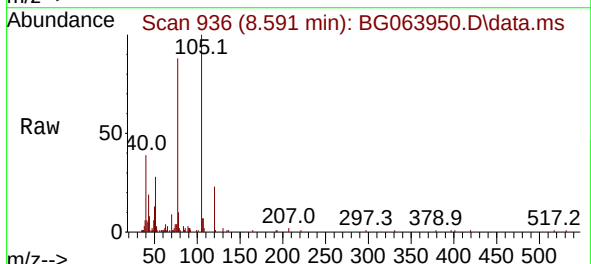
Instrument :  
BNA\_G  
ClientSampleId :  
LOD-MDL-WATER-01-QT1-2024

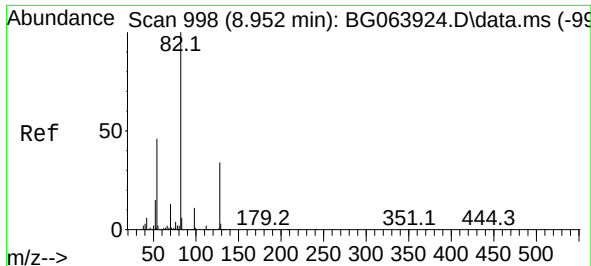
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 419342 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 10.7  | 9.0   | 13.6   |
| 54       | 9.7   | 8.0   | 12.0   |
| 68       | 8.2   | 7.9   | 11.9   |



#22  
Acetophenone  
Concen: 3.758 ng  
RT: 8.591 min Scan# 936  
Delta R.T. -0.026 min  
Lab File: BG063950.D  
Acq: 10 Jan 2025 14:44

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 105   | Resp: | 47320 |
| Ion      | Ratio | Lower | Upper |
| 105      | 100   |       |       |
| 71       | 1.1   | 1.5   | 2.3#  |
| 51       | 28.3  | 21.8  | 32.8  |
| 120      | 22.8  | 14.5  | 21.7# |





#23

Nitrobenzene-d5

Concen: 79.805 ng

RT: 8.926 min Scan# 993

Delta R.T. -0.026 min

Lab File: BG063950.D

Acq: 10 Jan 2025 14:44

Instrument :

BNA\_G

ClientSampleId :

LOD-MDL-WATER-01-QT1-2024

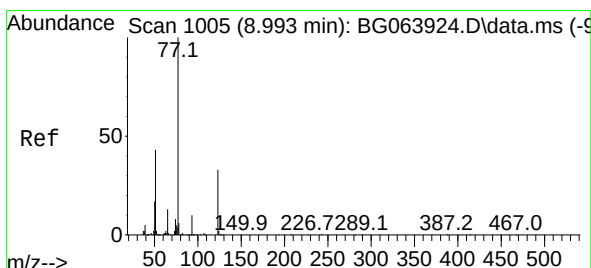
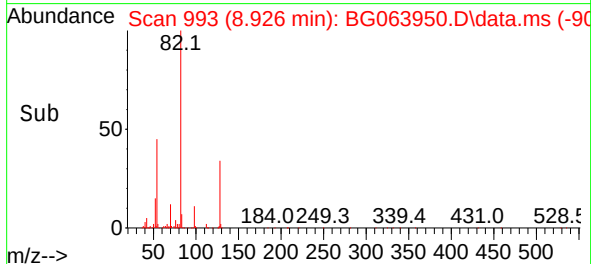
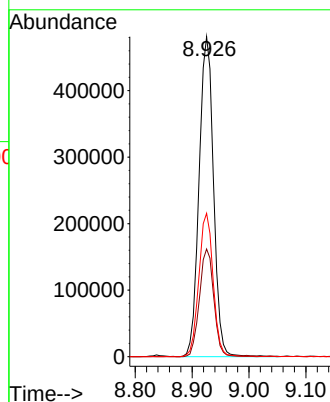
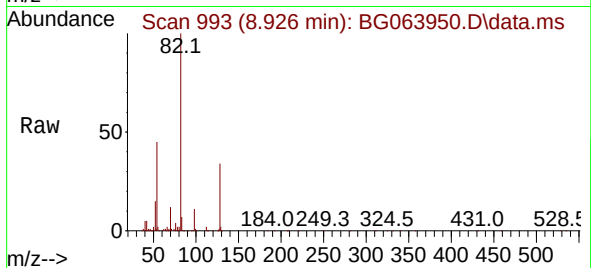
Tgt Ion: 82 Resp: 849574

Ion Ratio Lower Upper

82 100

128 33.7 26.9 40.3

54 44.8 36.7 55.1



#24

Nitrobenzene

Concen: 4.036 ng

RT: 8.961 min Scan# 999

Delta R.T. -0.032 min

Lab File: BG063950.D

Acq: 10 Jan 2025 14:44

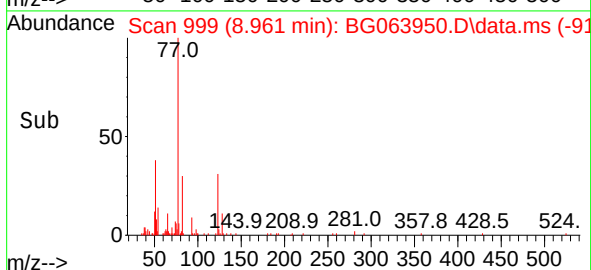
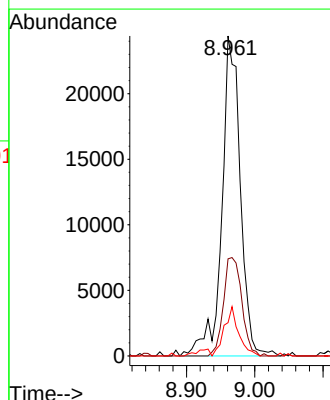
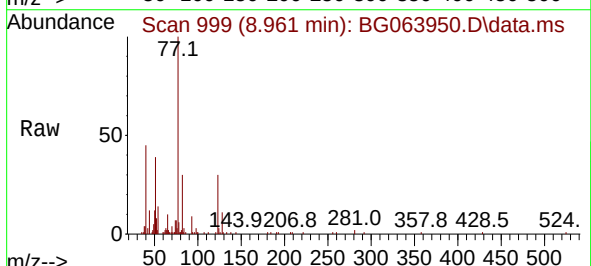
Tgt Ion: 77 Resp: 46132

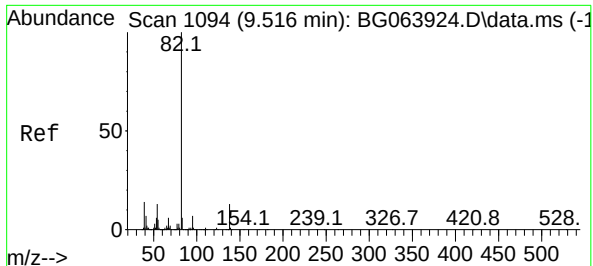
Ion Ratio Lower Upper

77 100

123 30.4 26.5 39.7

65 10.4 10.2 15.4

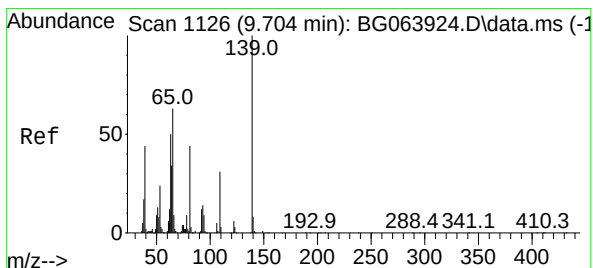
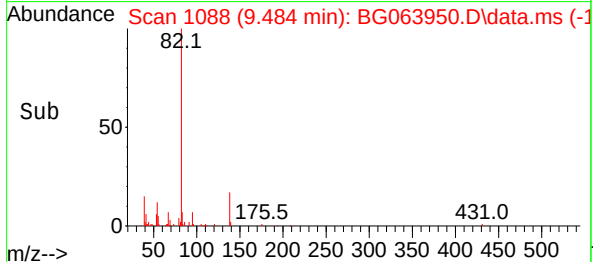
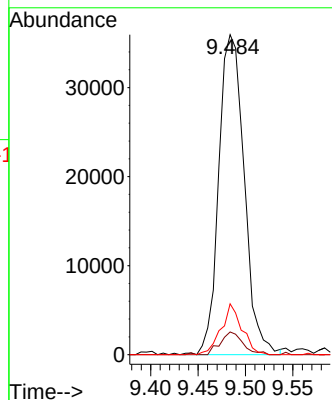
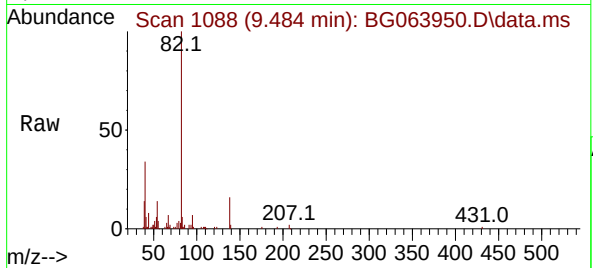




#25  
Isophorone  
Concen: 3.581 ng  
RT: 9.484 min Scan# 1088  
Delta R.T. -0.032 min  
Lab File: BG063950.D  
Acq: 10 Jan 2025 14:44

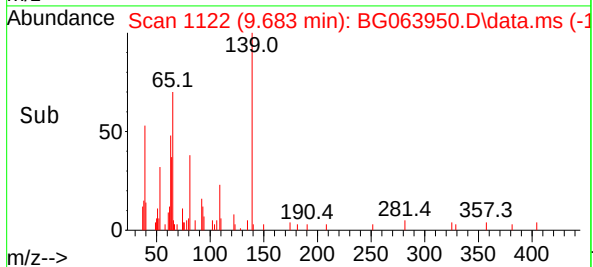
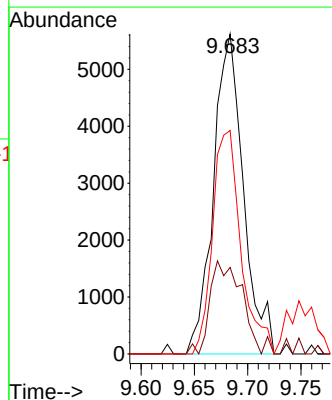
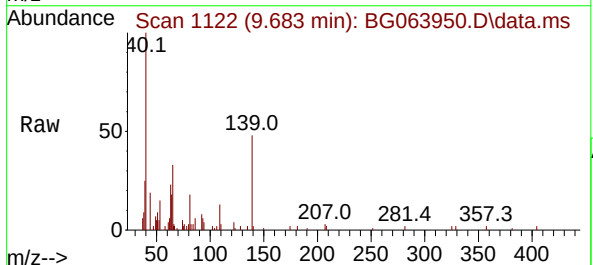
Instrument : BNA\_G  
ClientSampleId : LOD-MDL-WATER-01-QT1-2024

Tgt Ion: 82 Resp: 67195  
Ion Ratio Lower Upper  
82 100  
95 7.1 5.2 7.8  
138 15.9 10.6 16.0

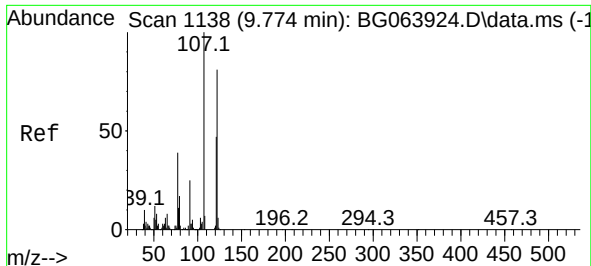


#26  
2-Nitrophenol  
Concen: 3.028 ng  
RT: 9.683 min Scan# 1122  
Delta R.T. -0.020 min  
Lab File: BG063950.D  
Acq: 10 Jan 2025 14:44

Tgt Ion:139 Resp: 10984  
Ion Ratio Lower Upper  
139 100  
109 27.1 25.0 37.4  
65 69.9 51.1 76.7







#27

2,4-Dimethylphenol

Concen: 2.710 ng

RT: 9.748 min Scan# 11

Delta R.T. -0.026 min

Lab File: BG063950.D

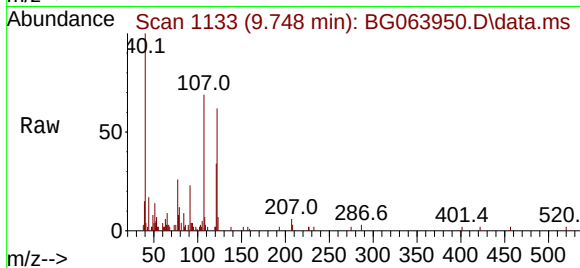
Acq: 10 Jan 2025 14:44

Instrument :

BNA\_G

ClientSampleId :

LOD-MDL-WATER-01-QT1-2024



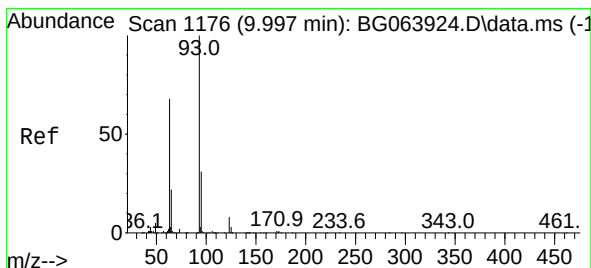
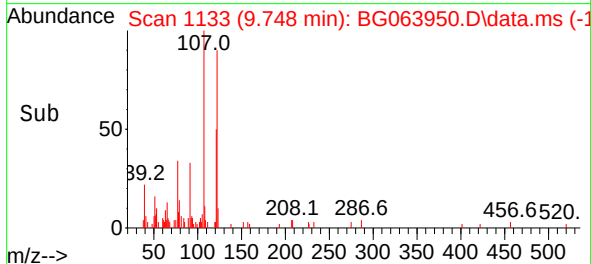
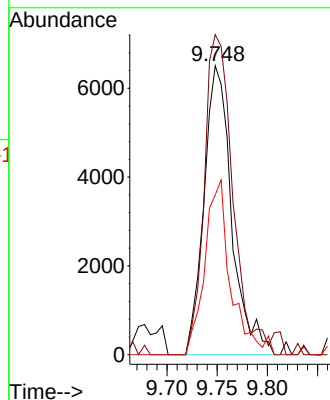
Tgt Ion:122 Resp: 12534

Ion Ratio Lower Upper

122 100

107 110.8 99.0 148.4

121 55.3 46.0 69.0



#28

bis(2-Chloroethoxy)methane

Concen: 3.607 ng

RT: 9.971 min Scan# 1171

Delta R.T. -0.026 min

Lab File: BG063950.D

Acq: 10 Jan 2025 14:44

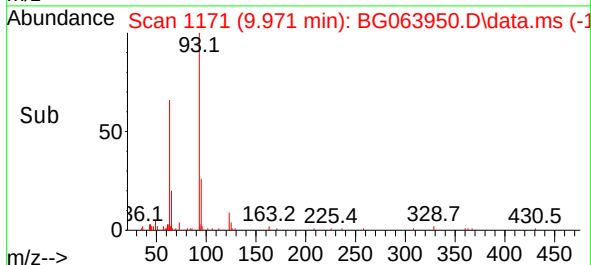
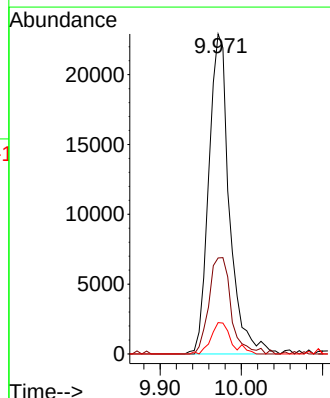
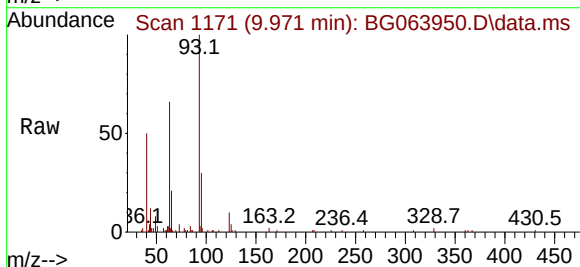
Tgt Ion: 93 Resp: 40356

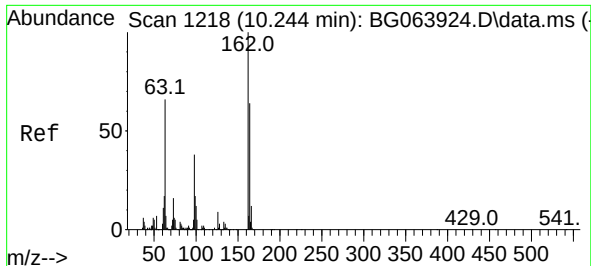
Ion Ratio Lower Upper

93 100

95 30.0 25.0 37.6

123 9.8 6.9 10.3





#29

2,4-Dichlorophenol

Concen: 3.668 ng

RT: 10.230 min Scan# 1215

Delta R.T. -0.014 min

Lab File: BG063950.D

Acq: 10 Jan 2025 14:44

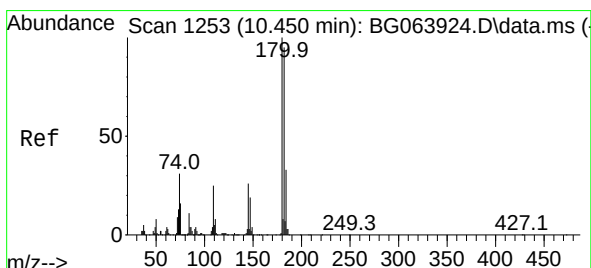
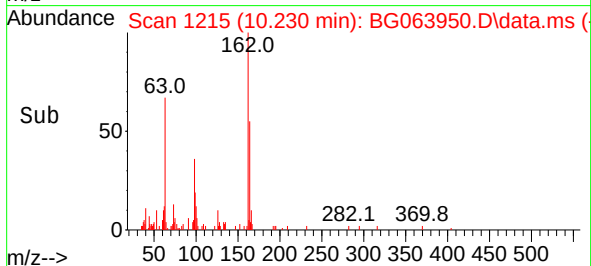
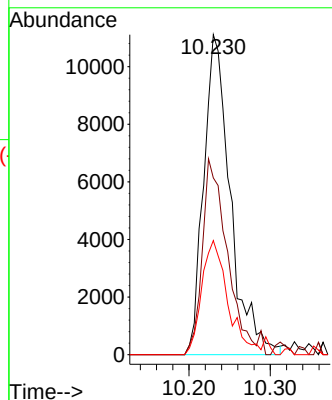
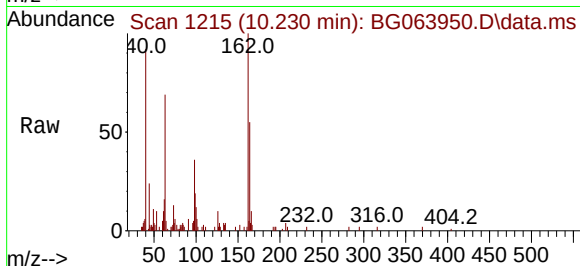
Instrument :

BNA\_G

ClientSampleId :

LOD-MDL-WATER-01-QT1-2024

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 162   | Resp: | 25347 |
| Ion Ratio | Lower | Upper |       |
| 162       | 100   |       |       |
| 164       | 55.3  | 44.4  | 84.4  |
| 98        | 35.7  | 17.7  | 57.7  |



#30

1,2,4-Trichlorobenzene

Concen: 3.978 ng

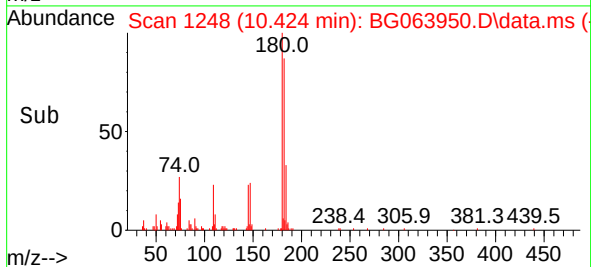
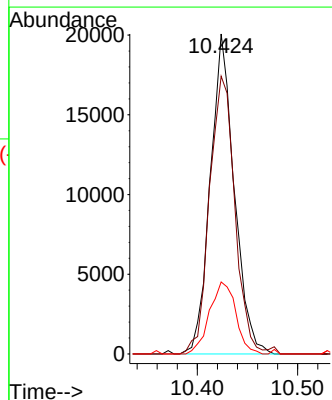
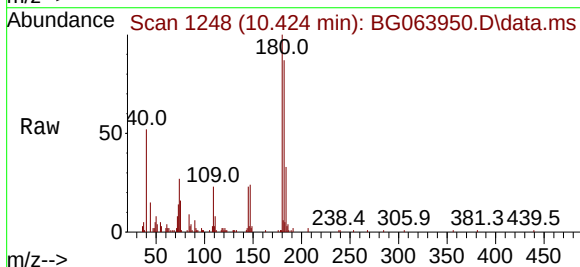
RT: 10.424 min Scan# 1248

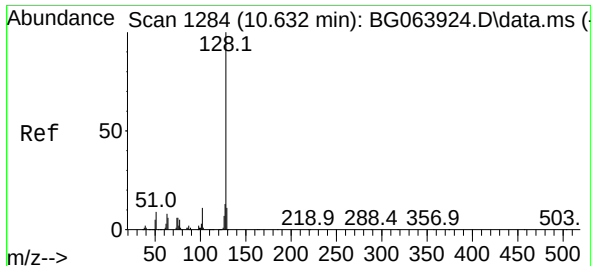
Delta R.T. -0.026 min

Lab File: BG063950.D

Acq: 10 Jan 2025 14:44

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 180   | Resp: | 33251 |
| Ion Ratio | Lower | Upper |       |
| 180       | 100   |       |       |
| 182       | 86.8  | 75.8  | 113.6 |
| 145       | 22.5  | 20.8  | 31.2  |

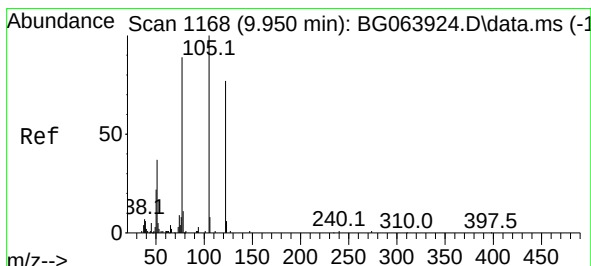
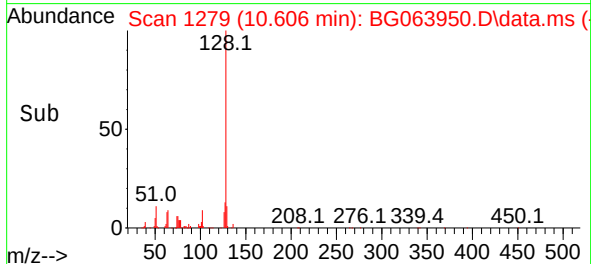
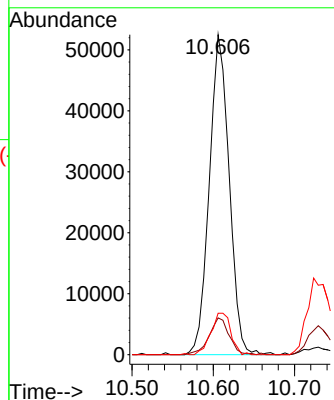
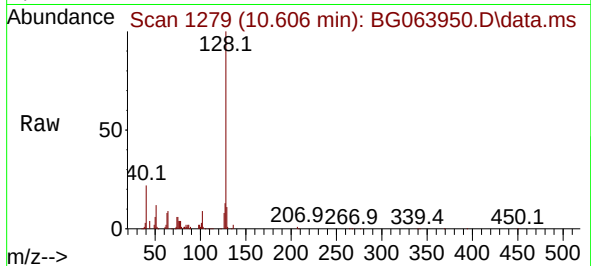




#31  
Naphthalene  
Concen: 3.924 ng  
RT: 10.606 min Scan# 1185  
Delta R.T. -0.026 min  
Lab File: BG063950.D  
Acq: 10 Jan 2025 14:44

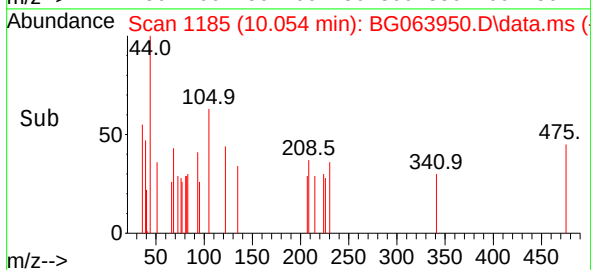
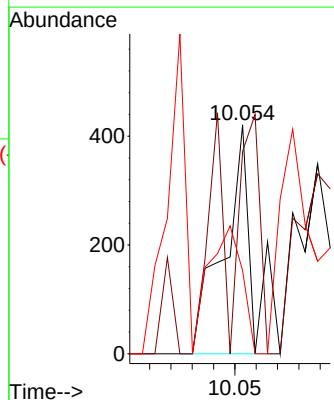
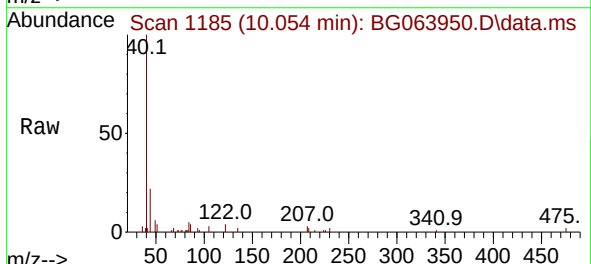
Instrument : BNA\_G  
ClientSampleId : LOD-MDL-WATER-01-QT1-2024

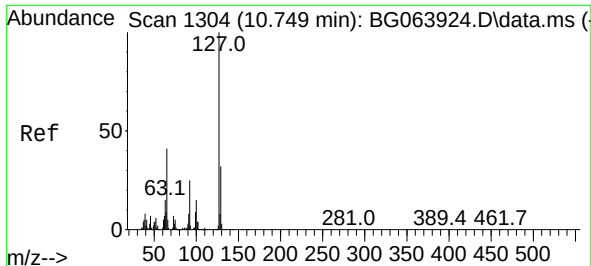
Tgt Ion:128 Resp: 89204  
Ion Ratio Lower Upper  
128 100  
129 11.5 9.0 13.6  
127 13.0 10.2 15.4



#32  
Benzoic acid  
Concen: 0.129 ng  
RT: 10.054 min Scan# 1185  
Delta R.T. 0.104 min  
Lab File: BG063950.D  
Acq: 10 Jan 2025 14:44

Tgt Ion:122 Resp: 398  
Ion Ratio Lower Upper  
122 100  
105 88.4 109.7 149.7#  
77 36.3 96.0 136.0#





#33

4-Chloroaniline

Concen: 3.664 ng

RT: 10.723 min Scan# 1

Delta R.T. -0.026 min

Lab File: BG063950.D

Acq: 10 Jan 2025 14:44

Instrument :

BNA\_G

ClientSampleId :

LOD-MDL-WATER-01-QT1-2024

Tgt Ion:127 Resp: 27040

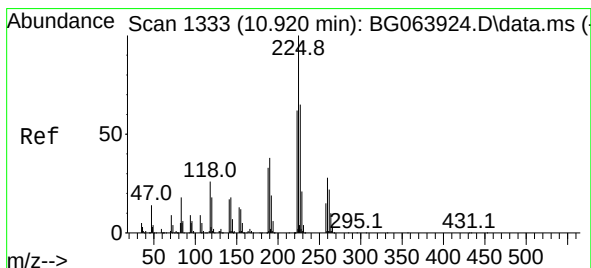
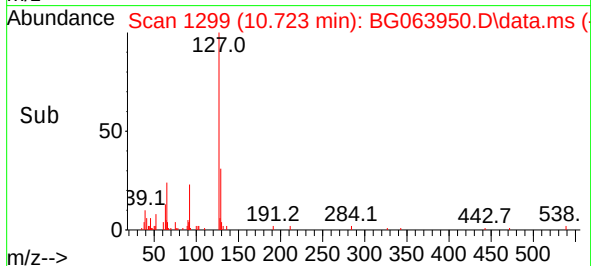
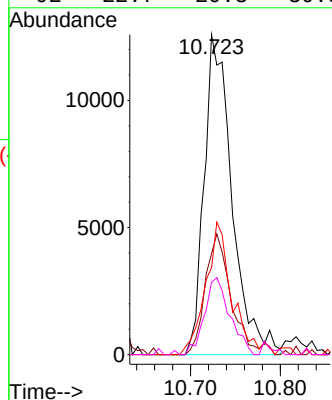
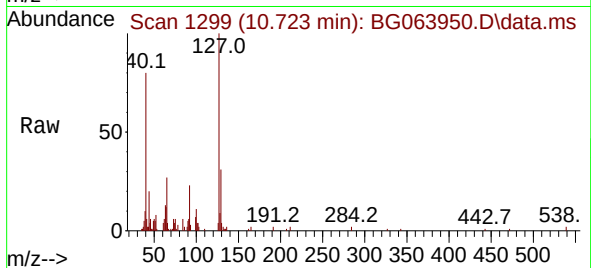
Ion Ratio Lower Upper

127 100

129 31.5 25.4 38.0

65 27.2 32.6 48.8#

92 22.7 20.3 30.5



#34

Hexachlorobutadiene

Concen: 3.455 ng

RT: 10.894 min Scan# 1328

Delta R.T. -0.026 min

Lab File: BG063950.D

Acq: 10 Jan 2025 14:44

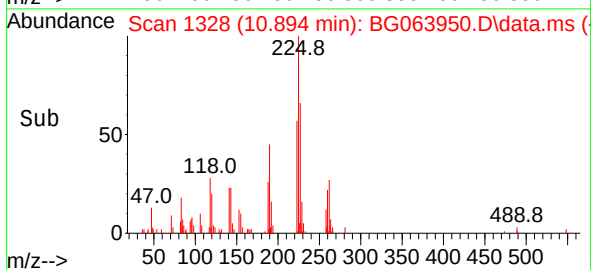
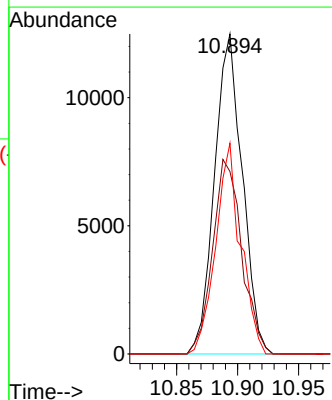
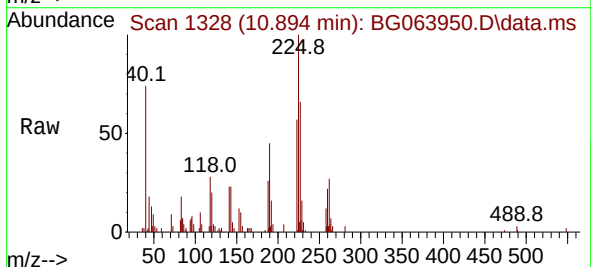
Tgt Ion:225 Resp: 19794

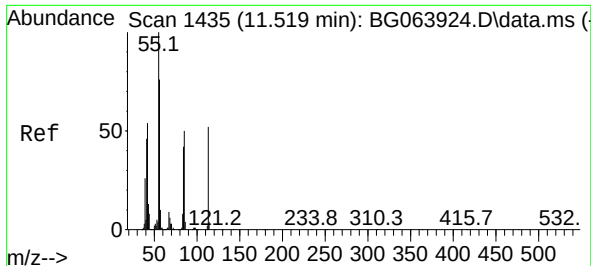
Ion Ratio Lower Upper

225 100

223 55.5 49.5 74.3

227 68.7 51.6 77.4





#35

Caprolactam

Concen: 2.729 ng

RT: 11.475 min Scan# 1427

Delta R.T. -0.044 min

Lab File: BG063950.D

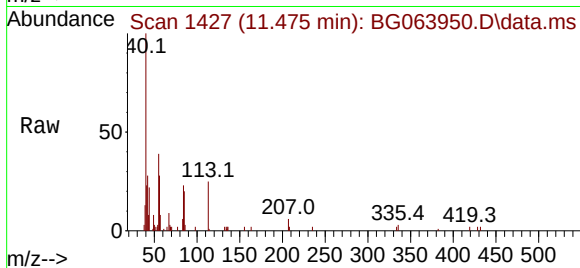
Acq: 10 Jan 2025 14:44

Instrument :

BNA\_G

ClientSampleId :

LOD-MDL-WATER-01-QT1-2024



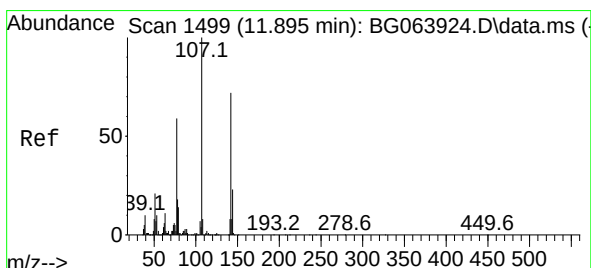
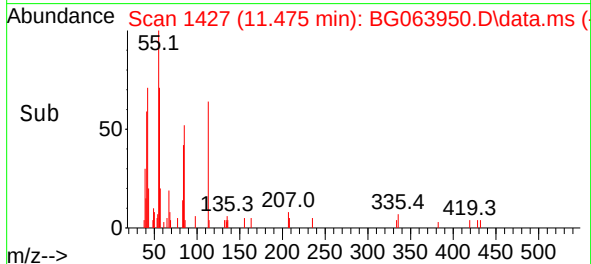
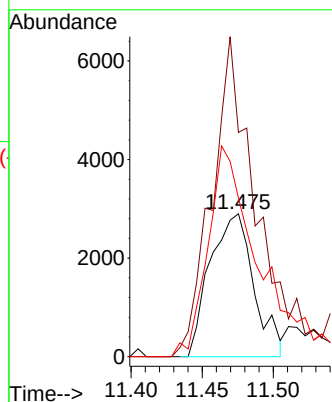
Tgt Ion:113 Resp: 6227

Ion Ratio Lower Upper

113 100

55 157.1 173.7 213.7#

56 111.1 127.5 167.5#



#36

4-Chloro-3-methylphenol

Concen: 3.189 ng

RT: 11.875 min Scan# 1495

Delta R.T. -0.020 min

Lab File: BG063950.D

Acq: 10 Jan 2025 14:44

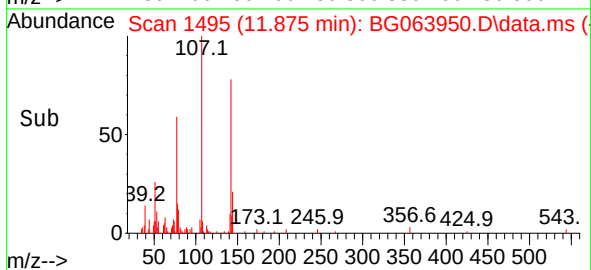
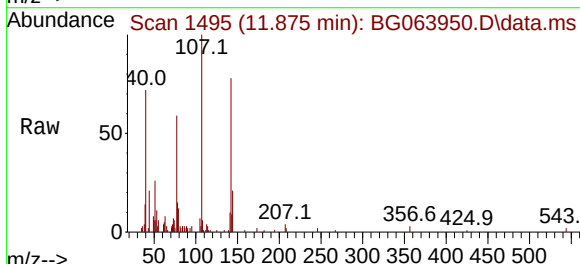
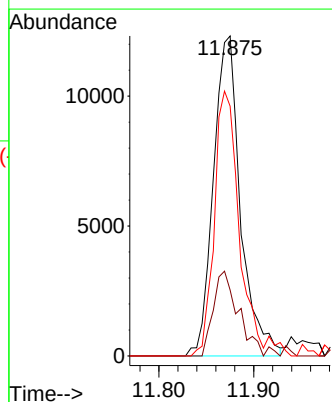
Tgt Ion:107 Resp: 24459

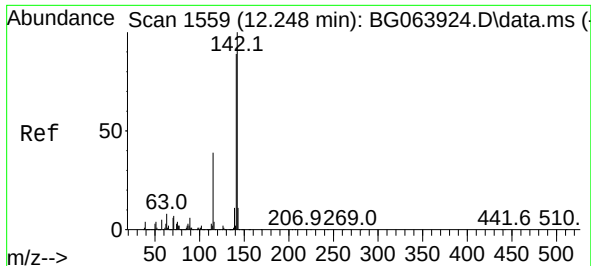
Ion Ratio Lower Upper

107 100

144 20.6 18.7 28.1

142 78.1 57.5 86.3





#37

2-Methylnaphthalene

Concen: 3.772 ng

RT: 12.222 min Scan# 1554

Delta R.T. -0.026 min

Lab File: BG063950.D

Acq: 10 Jan 2025 14:44

Instrument :

BNA\_G

ClientSampleId :

LOD-MDL-WATER-01-QT1-2024

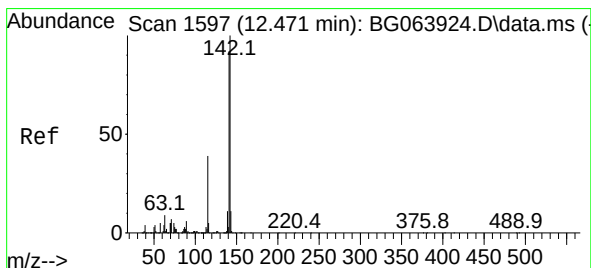
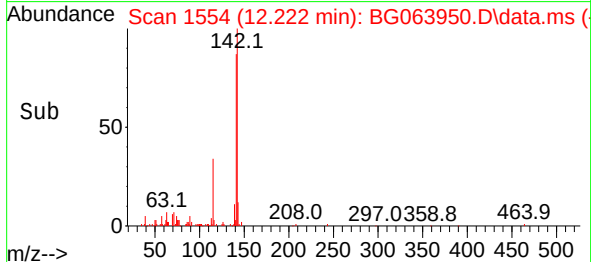
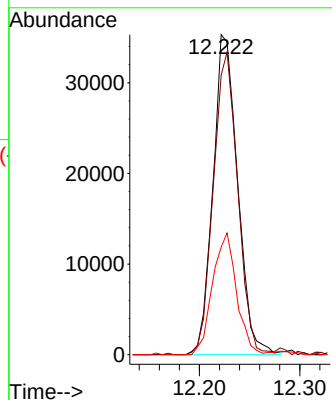
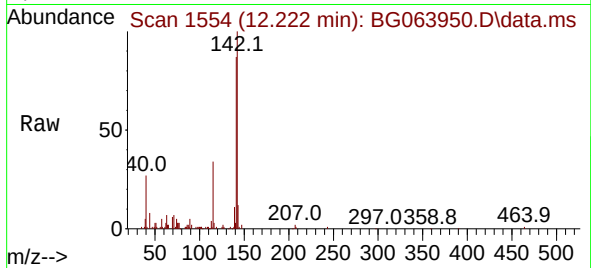
Tgt Ion:142 Resp: 60248

Ion Ratio Lower Upper

142 100

141 87.4 70.8 106.2

115 33.6 31.2 46.8



#38

1-Methylnaphthalene

Concen: 3.575 ng

RT: 12.445 min Scan# 1592

Delta R.T. -0.026 min

Lab File: BG063950.D

Acq: 10 Jan 2025 14:44

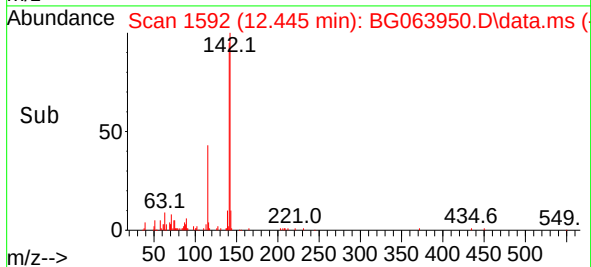
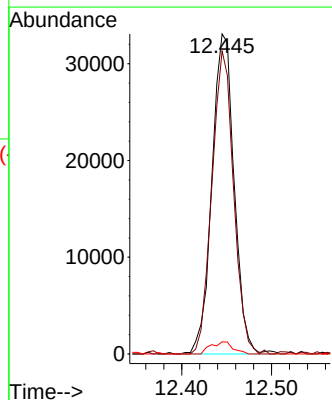
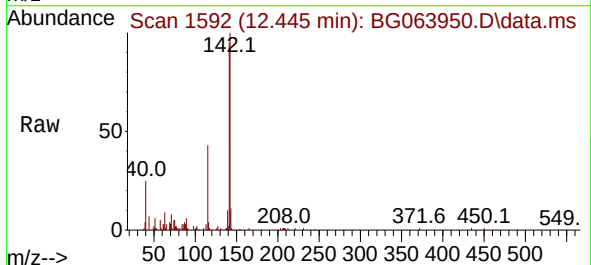
Tgt Ion:142 Resp: 56789

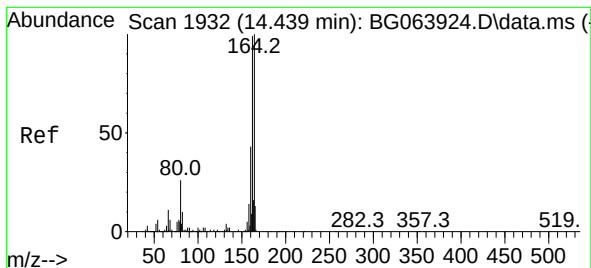
Ion Ratio Lower Upper

142 100

141 94.7 73.4 110.2

116 3.8 3.7 5.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.413 min Scan# 1

Delta R.T. -0.026 min

Lab File: BG063950.D

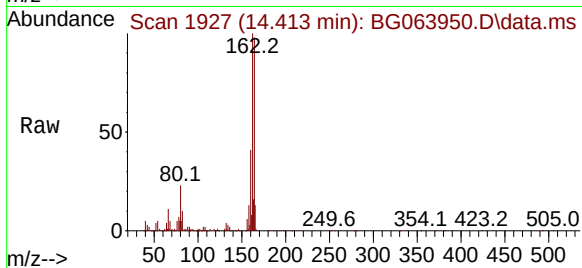
Acq: 10 Jan 2025 14:44

Instrument :

BNA\_G

ClientSampleId :

LOD-MDL-WATER-01-QT1-2024



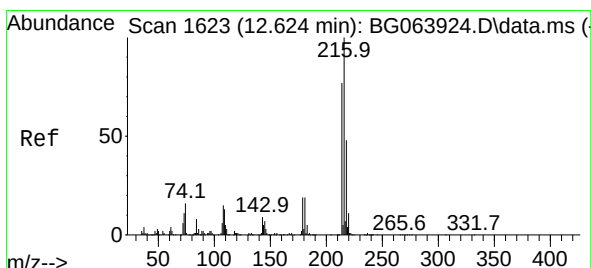
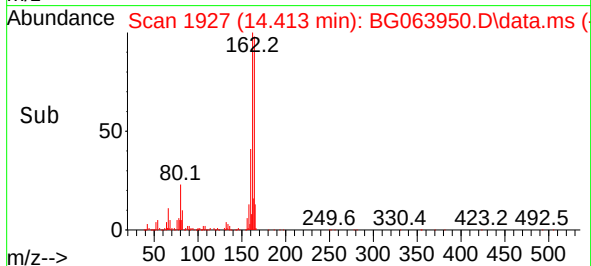
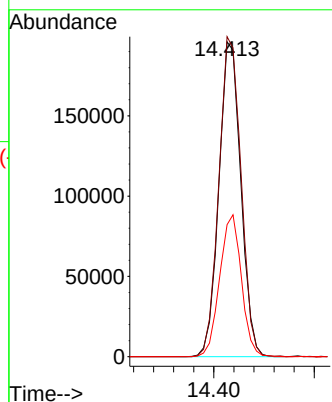
Tgt Ion:164 Resp: 296300

Ion Ratio Lower Upper

164 100

162 101.6 79.1 118.7

160 41.9 34.6 52.0



#40

1,2,4,5-Tetrachlorobenzene

Concen: 3.816 ng

RT: 12.598 min Scan# 1618

Delta R.T. -0.026 min

Lab File: BG063950.D

Acq: 10 Jan 2025 14:44

Tgt Ion:216 Resp: 37936

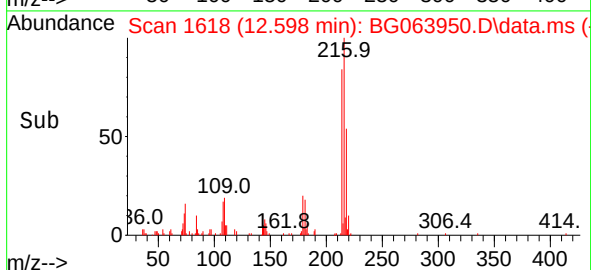
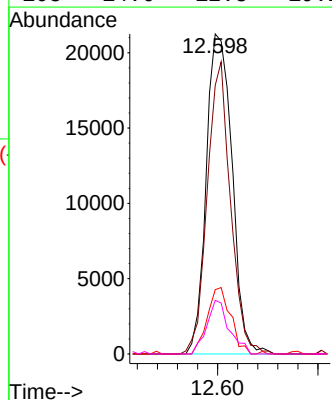
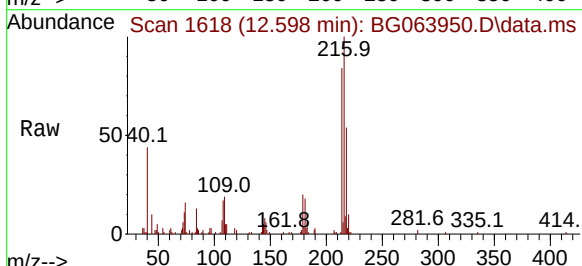
Ion Ratio Lower Upper

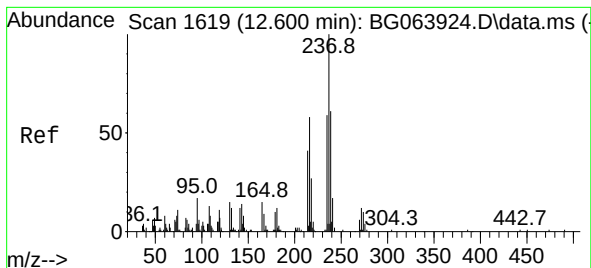
216 100

214 82.3 61.8 92.8

179 18.7 15.5 23.3

108 14.6 12.8 19.2

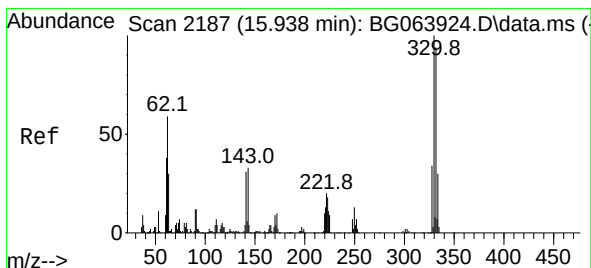
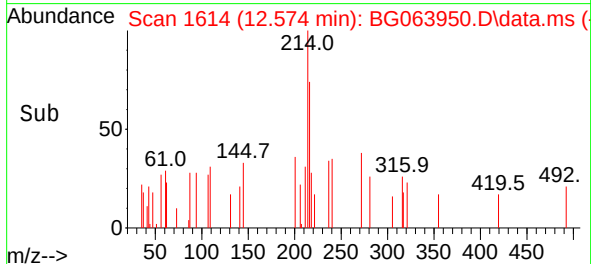
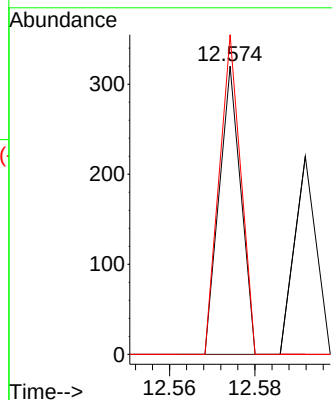
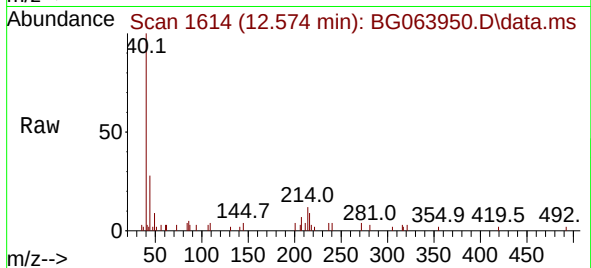




#41  
Hexachlorocyclopentadiene  
Concen: 11.494 ng  
RT: 12.574 min Scan# 1  
Delta R.T. -0.026 min  
Lab File: BG063950.D  
Acq: 10 Jan 2025 14:44

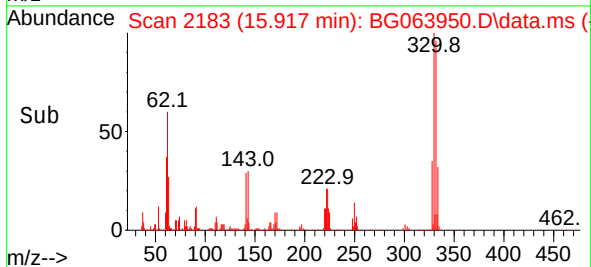
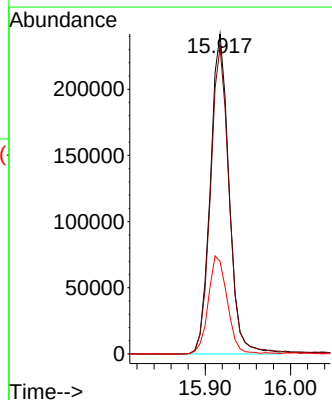
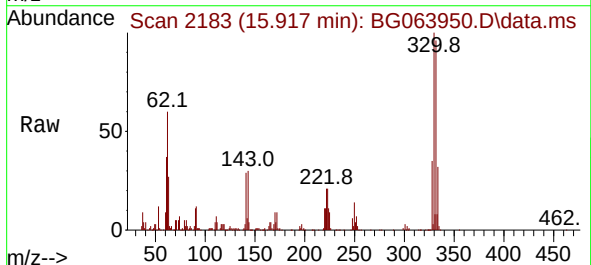
Instrument :  
BNA\_G  
ClientSampleId :  
LOD-MDL-WATER-01-QT1-2024

Tgt Ion:237 Resp: 113  
Ion Ratio Lower Upper  
237 100  
235 0.0 39.2 79.2#  
272 110.9 0.0 31.6#

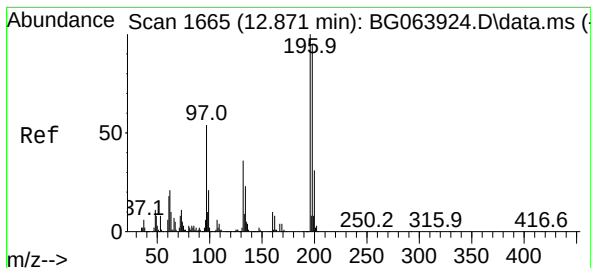


#42  
2,4,6-Tribromophenol  
Concen: 103.055 ng  
RT: 15.917 min Scan# 2183  
Delta R.T. -0.020 min  
Lab File: BG063950.D  
Acq: 10 Jan 2025 14:44

Tgt Ion:330 Resp: 368214  
Ion Ratio Lower Upper  
330 100  
332 96.1 76.6 114.8  
141 31.0 24.4 36.6







#43

2,4,6-Trichlorophenol

Concen: 3.264 ng

RT: 12.938 min Scan# 1

Delta R.T. 0.068 min

Lab File: BG063950.D

Acq: 10 Jan 2025 14:44

Instrument :

BNA\_G

ClientSampleId :

LOD-MDL-WATER-01-QT1-2024

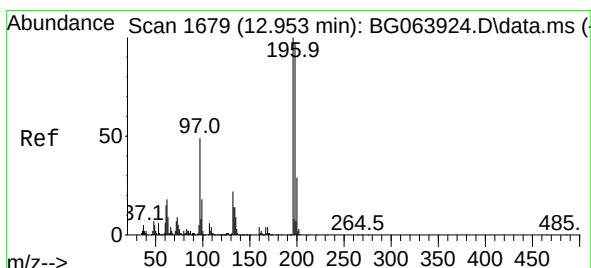
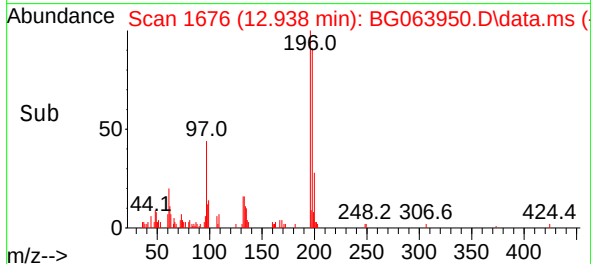
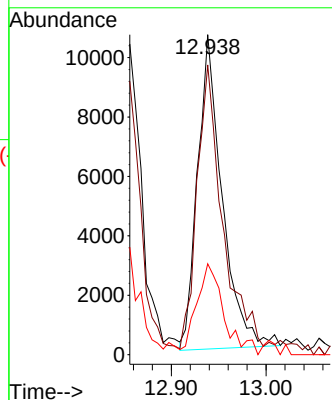
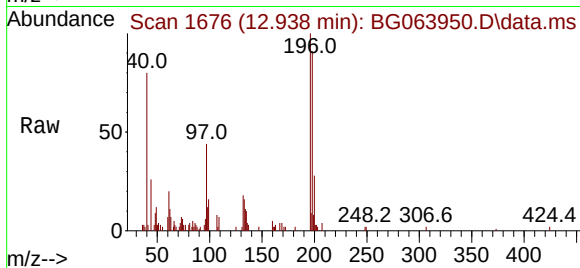
Tgt Ion:196 Resp: 19111

Ion Ratio Lower Upper

196 100

198 90.5 76.3 114.5

200 28.4 25.0 37.4



#44

2,4,5-Trichlorophenol

Concen: 2.908 ng

RT: 12.938 min Scan# 1676

Delta R.T. -0.014 min

Lab File: BG063950.D

Acq: 10 Jan 2025 14:44

Tgt Ion:196 Resp: 19111

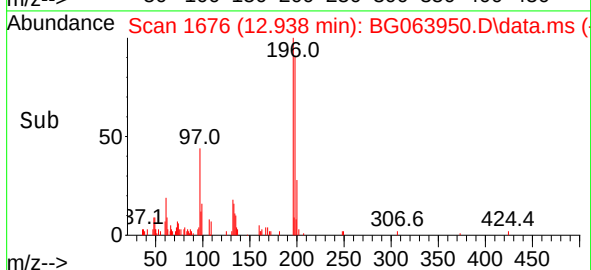
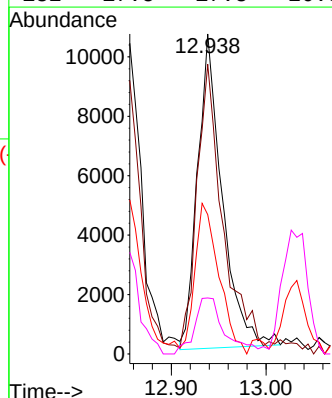
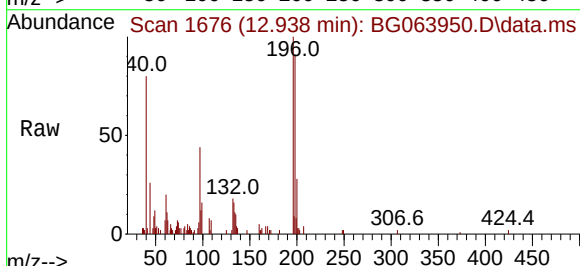
Ion Ratio Lower Upper

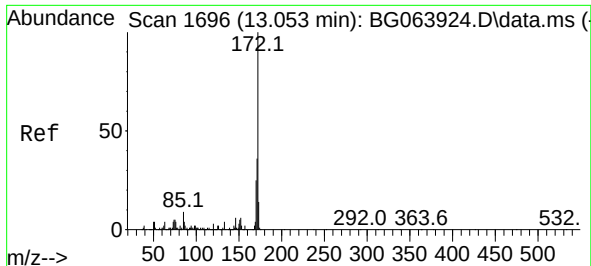
196 100

198 90.5 77.7 116.5

97 43.6 39.5 59.3

132 17.5 17.8 26.8#





#45

2-Fluorobiphenyl

Concen: 79.873 ng

RT: 13.032 min Scan# 1

Delta R.T. -0.020 min

Lab File: BG063950.D

Acq: 10 Jan 2025 14:44

Instrument :

BNA\_G

ClientSampleId :

LOD-MDL-WATER-01-QT1-2024

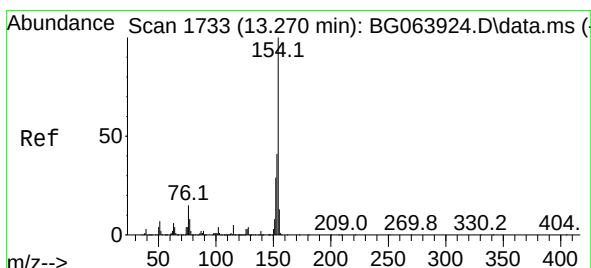
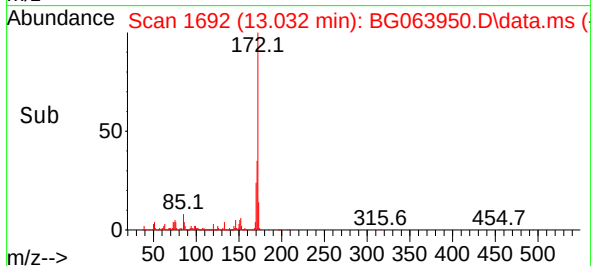
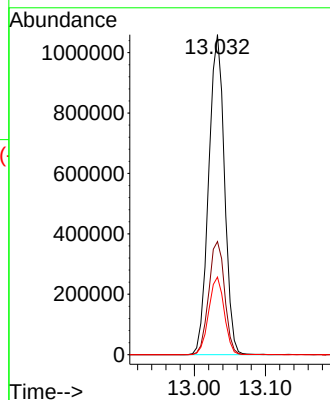
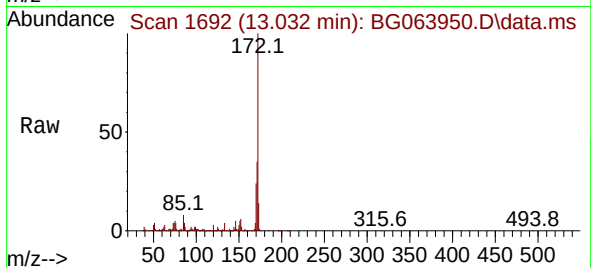
Tgt Ion:172 Resp: 1633614

Ion Ratio Lower Upper

172 100

171 35.4 29.2 43.8

170 24.2 20.1 30.1



#46

1,1'-Biphenyl

Concen: 4.259 ng

RT: 13.244 min Scan# 1728

Delta R.T. -0.026 min

Lab File: BG063950.D

Acq: 10 Jan 2025 14:44

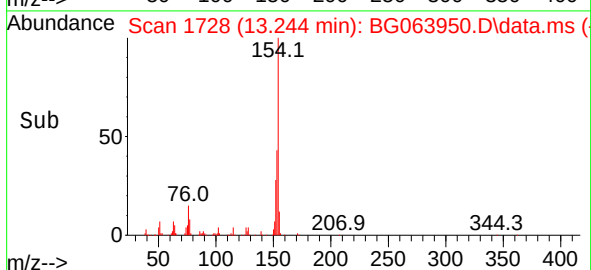
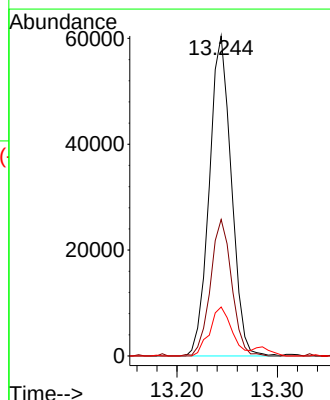
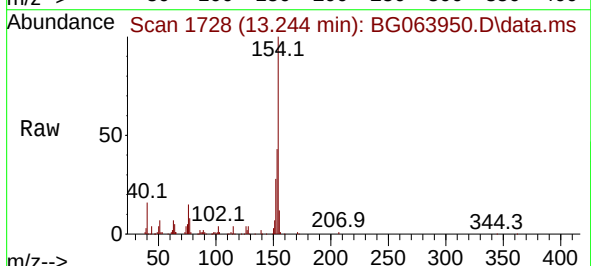
Tgt Ion:154 Resp: 92107

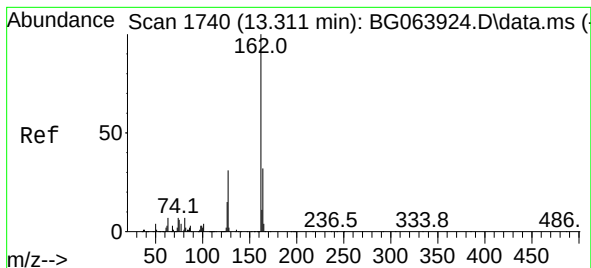
Ion Ratio Lower Upper

154 100

153 42.7 21.4 61.4

76 15.3 0.0 35.0





#47

2-Chloronaphthalene

Concen: 3.747 ng

RT: 13.285 min Scan# 1

Delta R.T. -0.026 min

Lab File: BG063950.D

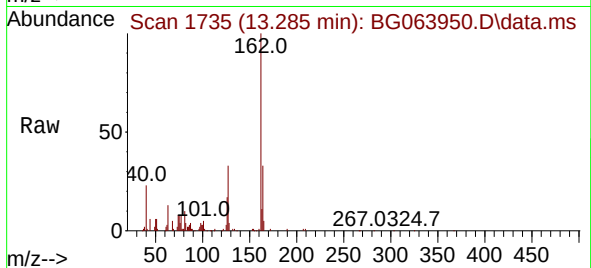
Acq: 10 Jan 2025 14:44

Instrument :

BNA\_G

ClientSampleId :

LOD-MDL-WATER-01-QT1-2024



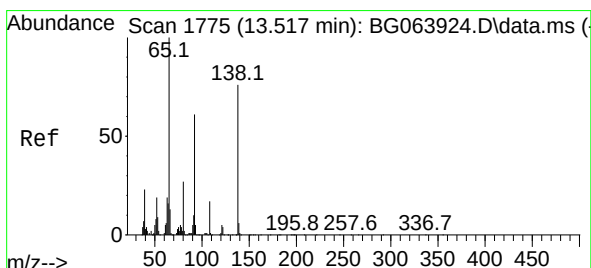
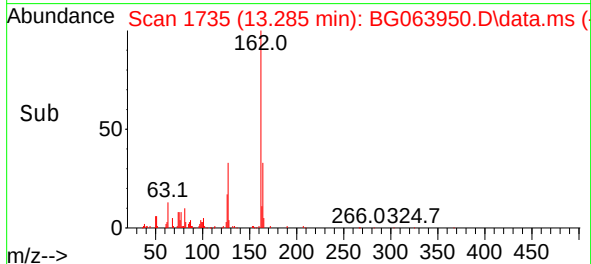
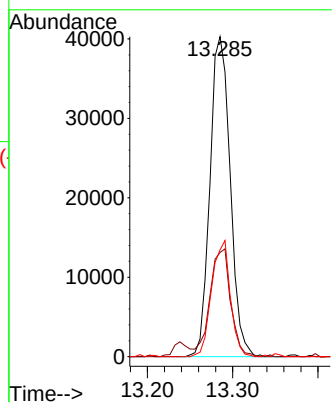
Tgt Ion:162 Resp: 66621

Ion Ratio Lower Upper

162 100

127 32.5 25.6 38.4

164 33.3 25.7 38.5



#48

2-Nitroaniline

Concen: 2.972 ng

RT: 13.503 min Scan# 1772

Delta R.T. -0.014 min

Lab File: BG063950.D

Acq: 10 Jan 2025 14:44

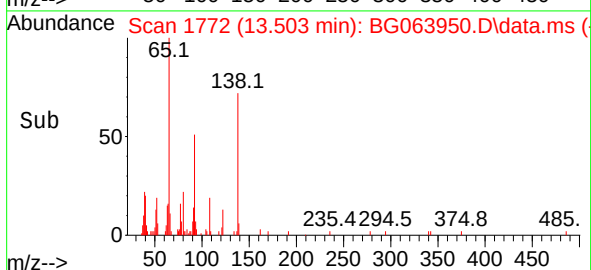
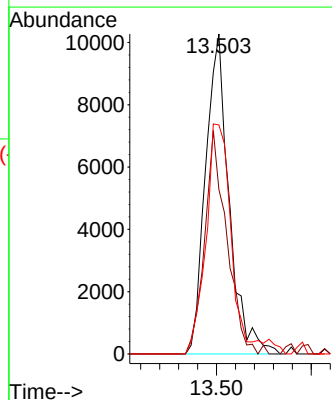
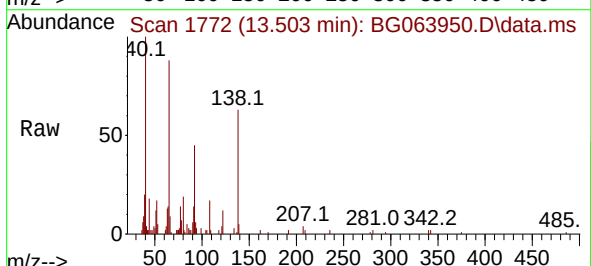
Tgt Ion: 65 Resp: 17680

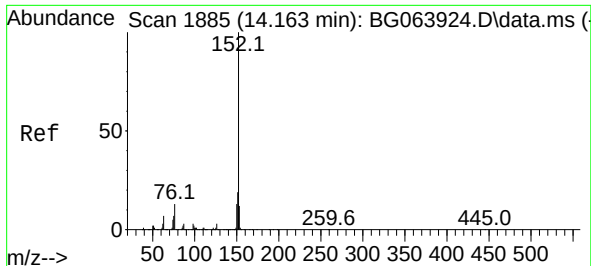
Ion Ratio Lower Upper

65 100

92 51.3 48.9 73.3

138 71.5 61.0 91.6

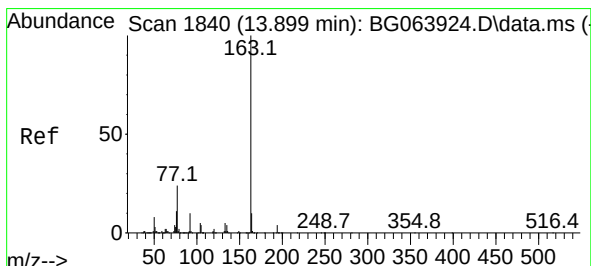
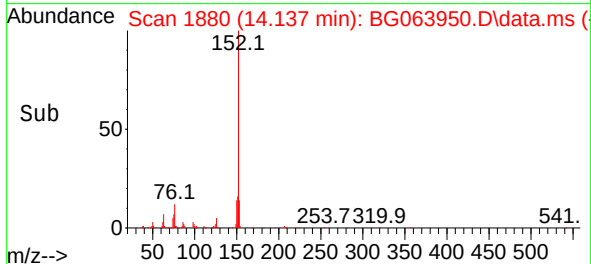
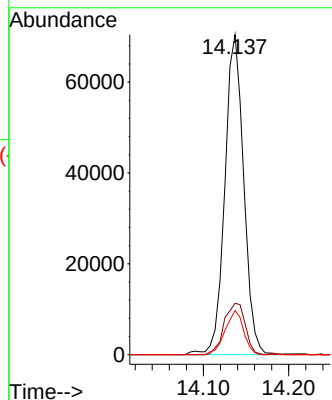
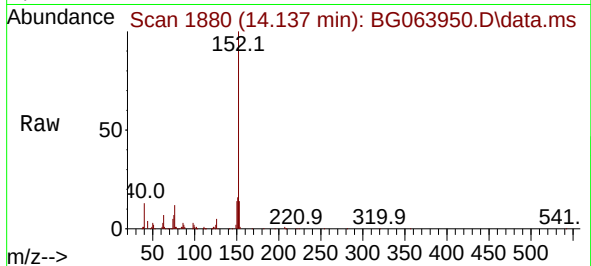




#49  
Acenaphthylene  
Concen: 4.114 ng  
RT: 14.137 min Scan# 1880  
Delta R.T. -0.026 min  
Lab File: BG063950.D  
Acq: 10 Jan 2025 14:44

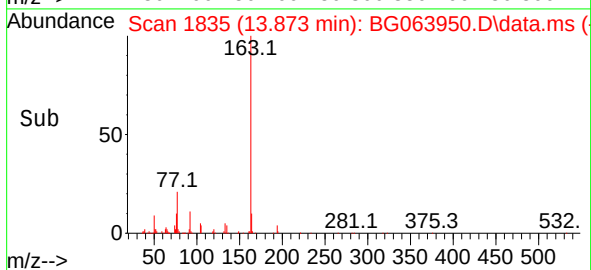
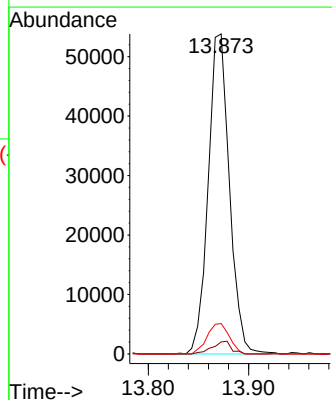
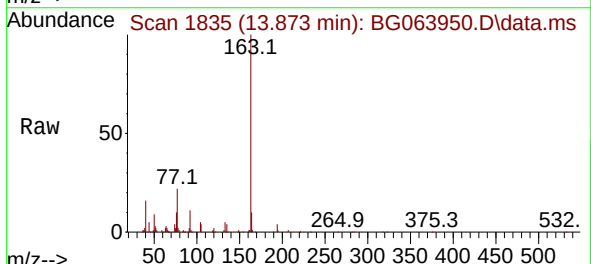
Instrument :  
BNA\_G  
ClientSampleId :  
LOD-MDL-WATER-01-QT1-2024

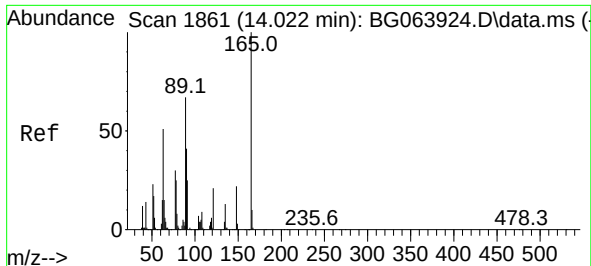
Tgt Ion:152 Resp: 108381  
Ion Ratio Lower Upper  
152 100  
151 16.0 15.5 23.3  
153 13.8 9.9 14.9



#50  
Dimethylphthalate  
Concen: 3.654 ng  
RT: 13.873 min Scan# 1835  
Delta R.T. -0.026 min  
Lab File: BG063950.D  
Acq: 10 Jan 2025 14:44

Tgt Ion:163 Resp: 79076  
Ion Ratio Lower Upper  
163 100  
194 3.8 3.0 4.4  
164 9.5 7.8 11.8

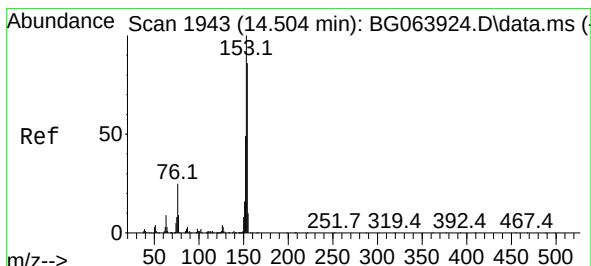
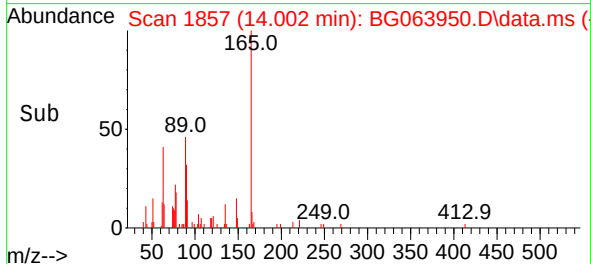
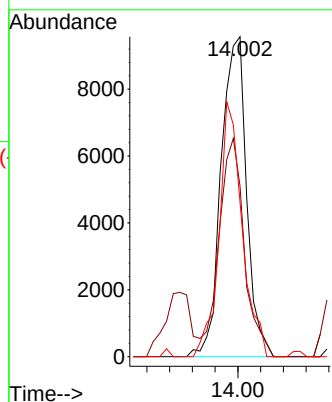
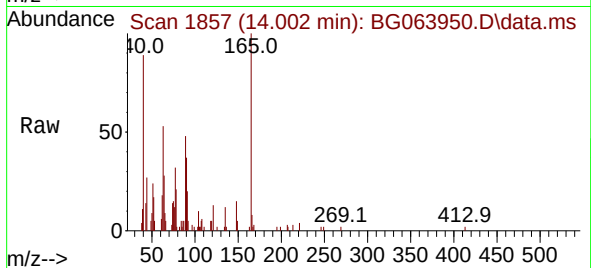




#51  
2,6-Dinitrotoluene  
Concen: 3.081 ng  
RT: 14.002 min Scan# 1861  
Delta R.T. -0.020 min  
Lab File: BG063950.D  
Acq: 10 Jan 2025 14:44

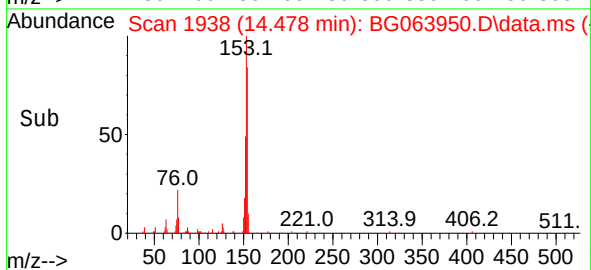
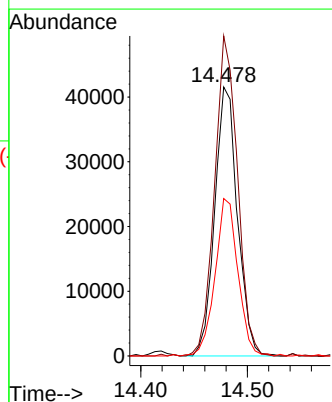
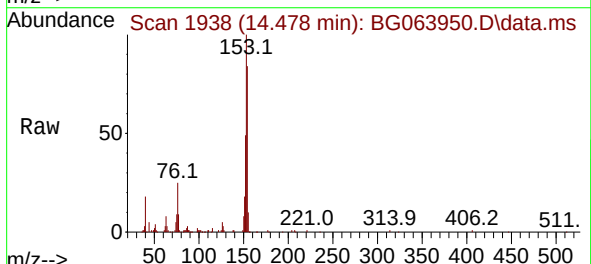
Instrument :  
BNA\_G  
ClientSampleId :  
LOD-MDL-WATER-01-QT1-2024

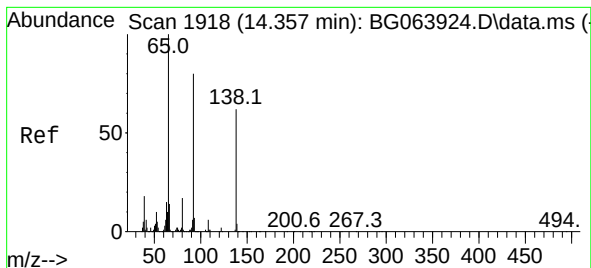
Tgt Ion:165 Resp: 14853  
Ion Ratio Lower Upper  
165 100  
63 53.3 53.9 80.9#  
89 48.3 53.8 80.8#



#52  
Acenaphthene  
Concen: 3.820 ng  
RT: 14.478 min Scan# 1938  
Delta R.T. -0.026 min  
Lab File: BG063950.D  
Acq: 10 Jan 2025 14:44

Tgt Ion:154 Resp: 61527  
Ion Ratio Lower Upper  
154 100  
153 119.0 93.4 140.0  
152 58.5 46.1 69.1





#53

3-Nitroaniline

Concen: 3.038 ng

RT: 14.331 min Scan# 1

Delta R.T. -0.026 min

Lab File: BG063950.D

Acq: 10 Jan 2025 14:44

Instrument :

BNA\_G

ClientSampleId :

LOD-MDL-WATER-01-QT1-2024

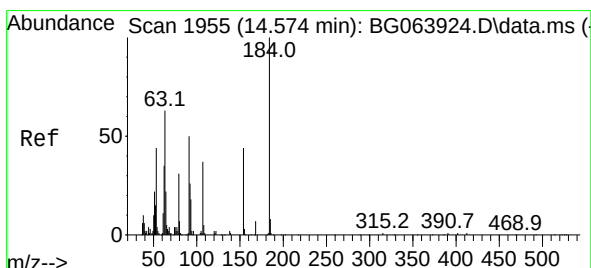
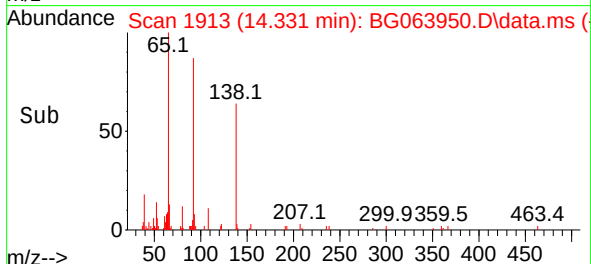
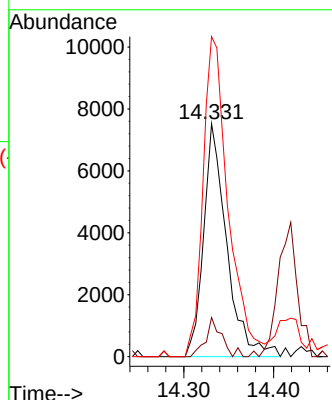
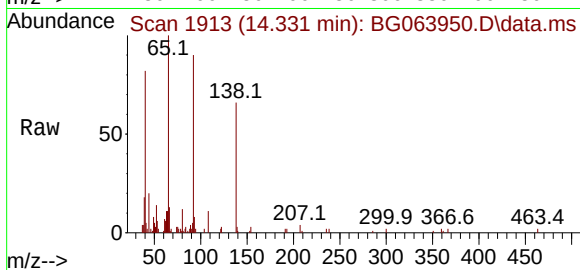
Tgt Ion:138 Resp: 13437

Ion Ratio Lower Upper

138 100

108 16.9 7.8 11.8#

92 137.3 104.2 156.2



#54

2,4-Dinitrophenol

Concen: 8.164 ng

RT: 14.589 min Scan# 1957

Delta R.T. 0.015 min

Lab File: BG063950.D

Acq: 10 Jan 2025 14:44

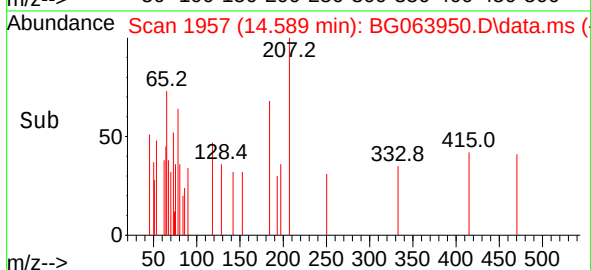
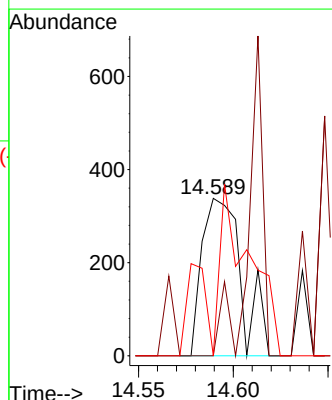
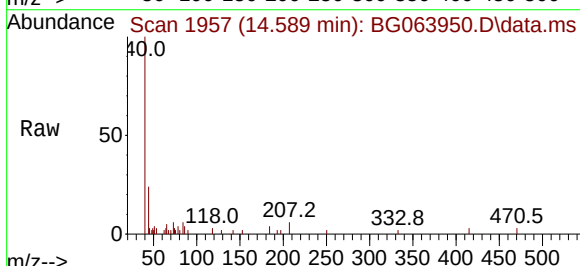
Tgt Ion:184 Resp: 488

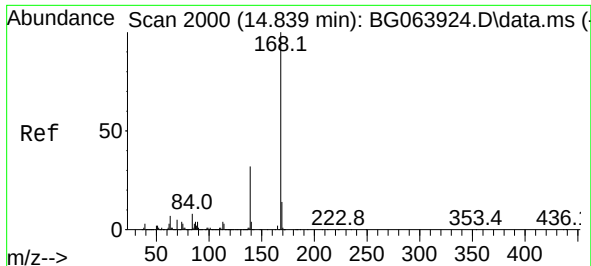
Ion Ratio Lower Upper

184 100

63 0.0 50.8 76.2#

154 0.0 44.2 66.2#

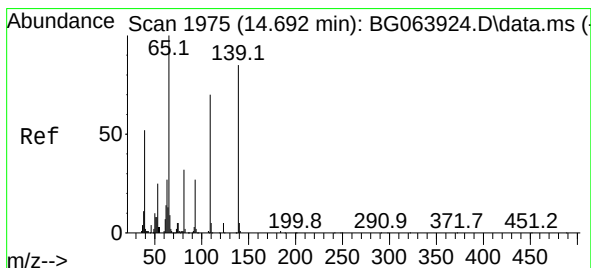
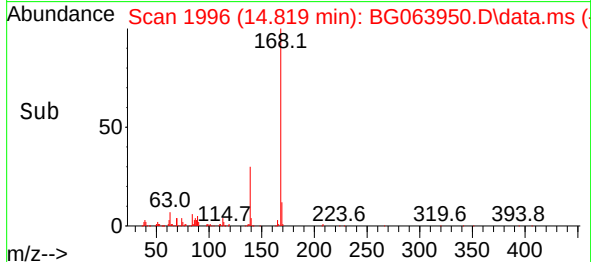
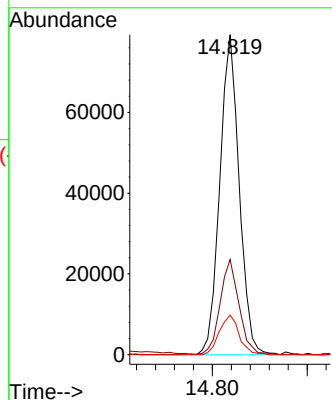
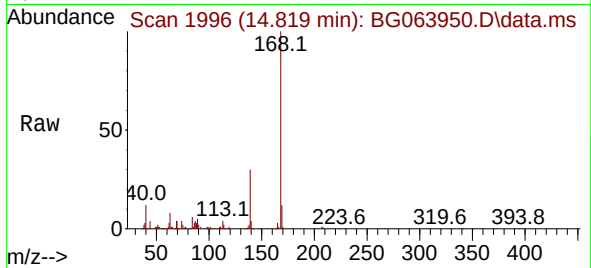




#55  
Dibenzofuran  
Concen: 4.027 ng  
RT: 14.819 min Scan# 1996  
Delta R.T. -0.020 min  
Lab File: BG063950.D  
Acq: 10 Jan 2025 14:44

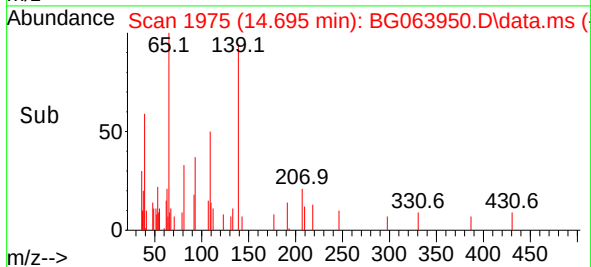
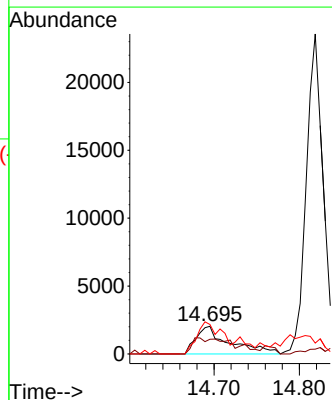
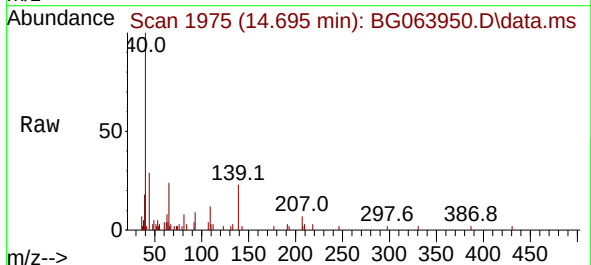
Instrument :  
BNA\_G  
ClientSampleId :  
LOD-MDL-WATER-01-QT1-2024

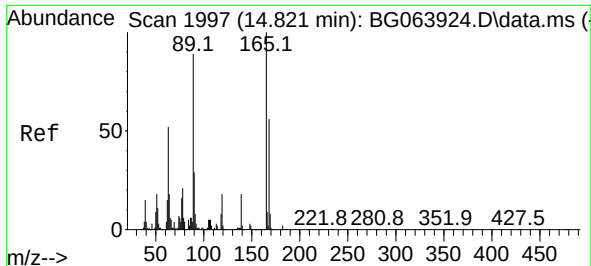
Tgt Ion:168 Resp: 112590  
Ion Ratio Lower Upper  
168 100  
139 29.7 26.0 39.0  
169 12.4 10.8 16.2



#56  
4-Nitrophenol  
Concen: 1.838 ng  
RT: 14.695 min Scan# 1975  
Delta R.T. 0.003 min  
Lab File: BG063950.D  
Acq: 10 Jan 2025 14:44

Tgt Ion:139 Resp: 5575  
Ion Ratio Lower Upper  
139 100  
109 53.1 62.8 102.8#  
65 106.5 98.2 138.2

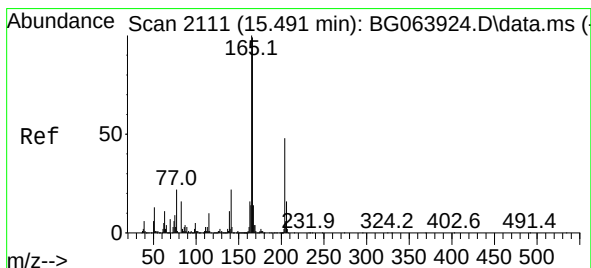
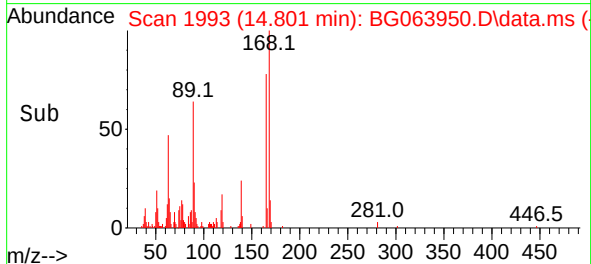
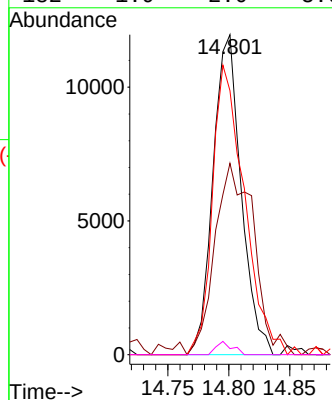
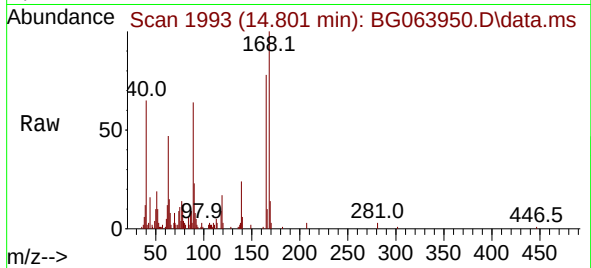




#57  
2,4-Dinitrotoluene  
Concen: 2.833 ng  
RT: 14.801 min Scan# 11  
Delta R.T. -0.020 min  
Lab File: BG063950.D  
Acq: 10 Jan 2025 14:44

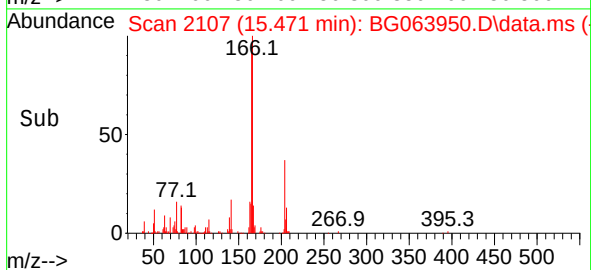
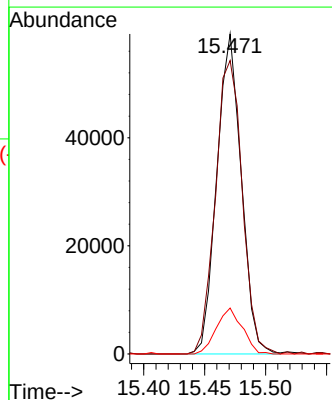
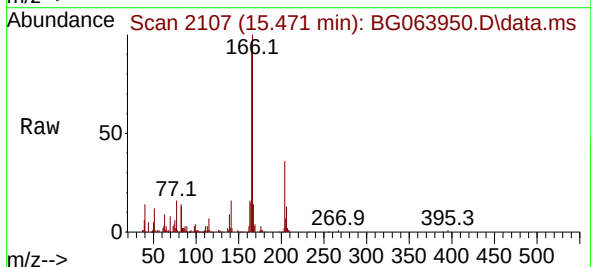
Instrument :  
BNA\_G  
ClientSampleId :  
LOD-MDL-WATER-01-QT1-2024

Tgt Ion:165 Resp: 19172  
Ion Ratio Lower Upper  
165 100  
63 59.8 41.6 62.4  
89 82.5 71.0 106.6  
182 1.9 2.0 3.0#

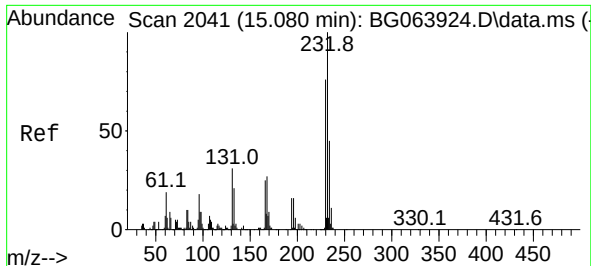


#58  
Fluorene  
Concen: 3.813 ng  
RT: 15.471 min Scan# 2107  
Delta R.T. -0.020 min  
Lab File: BG063950.D  
Acq: 10 Jan 2025 14:44

Tgt Ion:166 Resp: 82835  
Ion Ratio Lower Upper  
166 100  
165 91.7 81.2 121.8  
167 14.4 11.2 16.8







#59

2,3,4,6-Tetrachlorophenol

Concen: 3.017 ng

RT: 15.060 min Scan# 2041

Delta R.T. -0.020 min

Lab File: BG063950.D

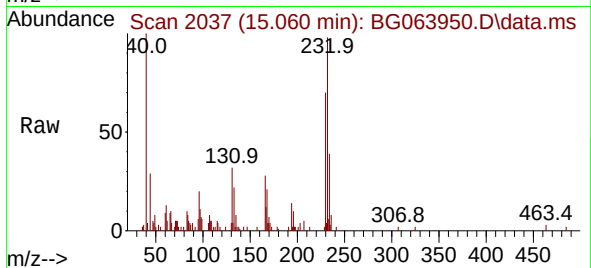
Acq: 10 Jan 2025 14:44

Instrument :

BNA\_G

ClientSampleId :

LOD-MDL-WATER-01-QT1-2024



Tgt Ion:232 Resp: 17497

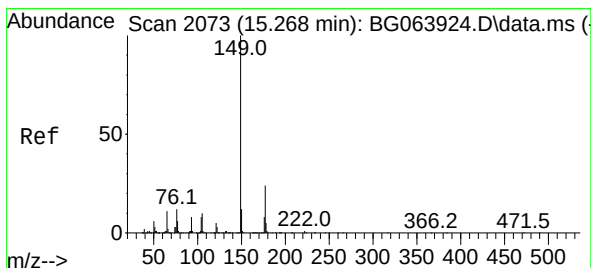
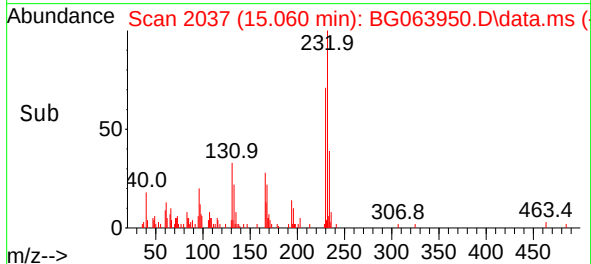
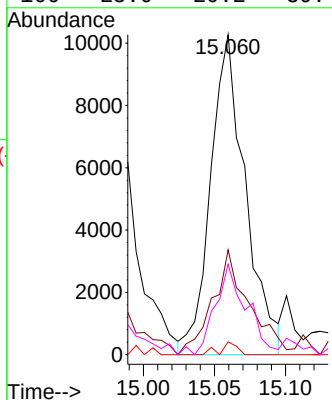
Ion Ratio Lower Upper

232 100

131 34.0 25.8 38.6

130 1.9 1.5 2.3

166 25.0 20.2 30.4



#60

Diethylphthalate

Concen: 3.539 ng

RT: 15.242 min Scan# 2068

Delta R.T. -0.026 min

Lab File: BG063950.D

Acq: 10 Jan 2025 14:44

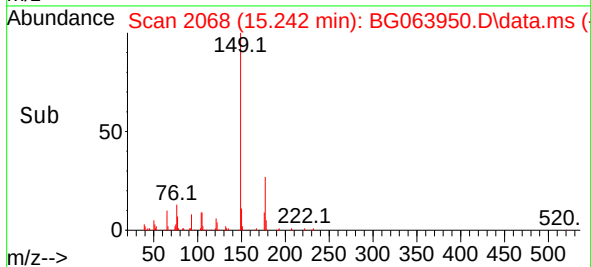
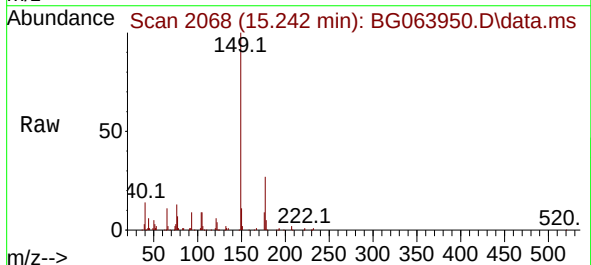
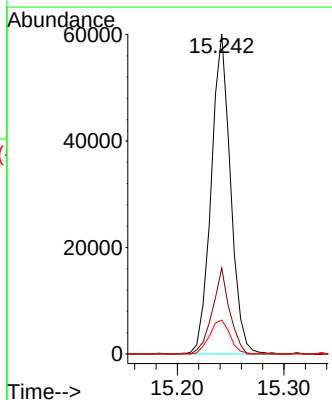
Tgt Ion:149 Resp: 75497

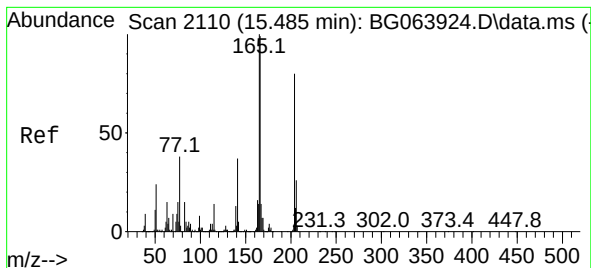
Ion Ratio Lower Upper

149 100

177 26.8 19.1 28.7

150 10.6 9.8 14.8

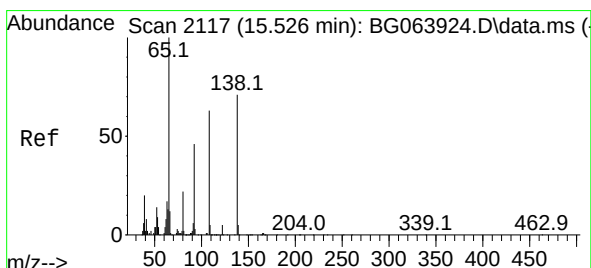
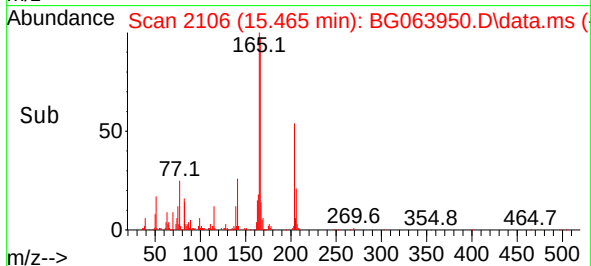
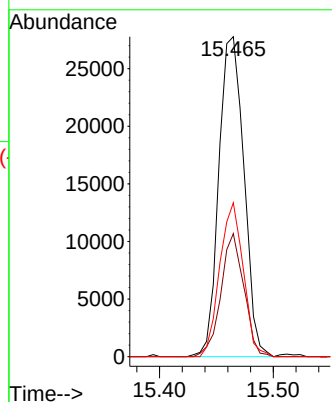
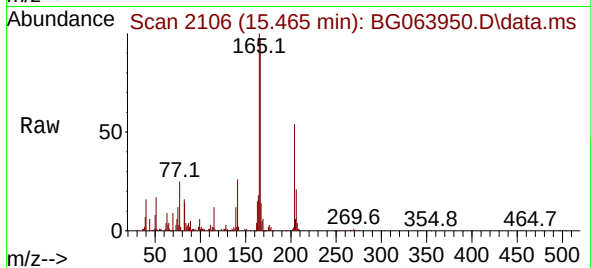




#61  
4-Chlorophenyl-phenylether  
Concen: 3.621 ng  
RT: 15.465 min Scan# 2110  
Delta R.T. -0.020 min  
Lab File: BG063950.D  
Acq: 10 Jan 2025 14:44

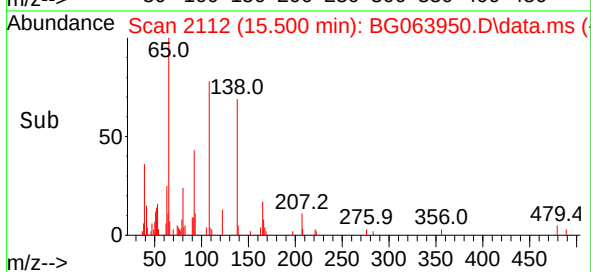
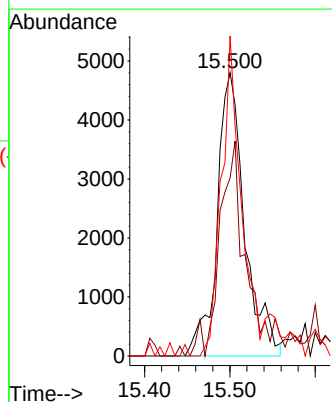
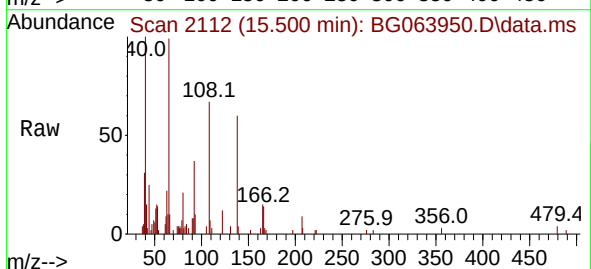
Instrument : BNA\_G  
ClientSampleId : LOD-MDL-WATER-01-QT1-2024

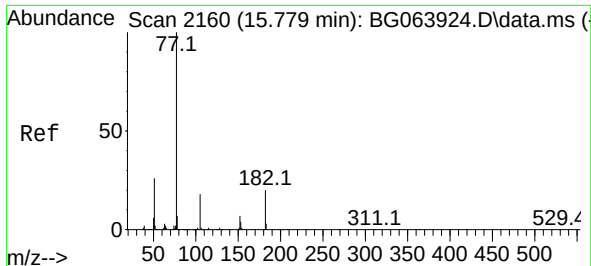
Tgt Ion:204 Resp: 42643  
Ion Ratio Lower Upper  
204 100  
206 38.4 26.3 39.5  
141 48.1 36.6 55.0



#62  
4-Nitroaniline  
Concen: 2.343 ng  
RT: 15.500 min Scan# 2112  
Delta R.T. -0.026 min  
Lab File: BG063950.D  
Acq: 10 Jan 2025 14:44

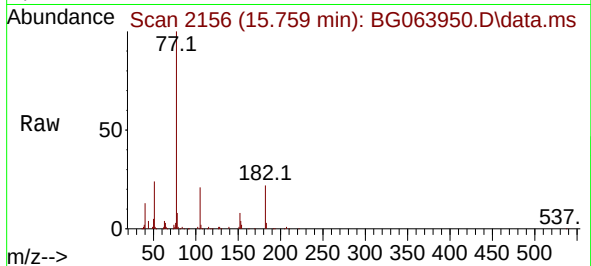
Tgt Ion:138 Resp: 10773  
Ion Ratio Lower Upper  
138 100  
92 62.9 43.9 83.9  
108 113.0 68.3 108.3#



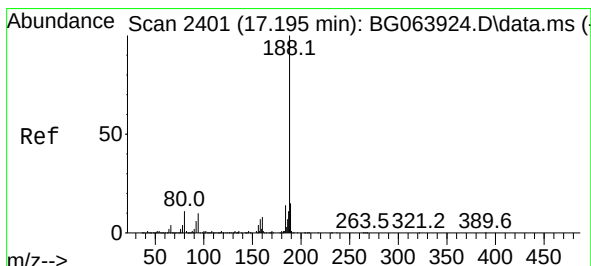
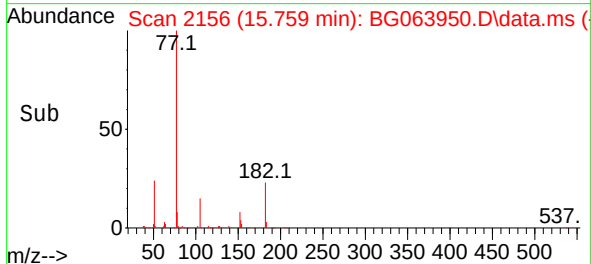
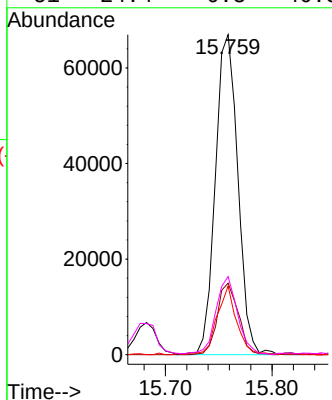


#63  
Azobenzene  
Concen: 3.630 ng  
RT: 15.759 min Scan# 2156  
Delta R.T. -0.020 min  
Lab File: BG063950.D  
Acq: 10 Jan 2025 14:44

Instrument :  
BNA\_G  
ClientSampleId :  
LOD-MDL-WATER-01-QT1-2024

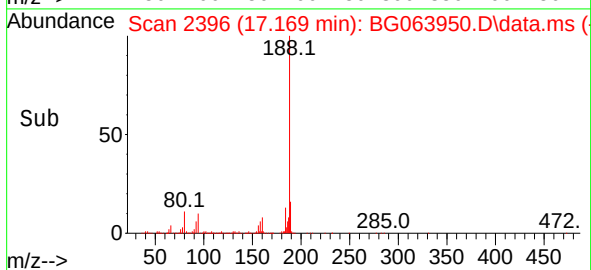
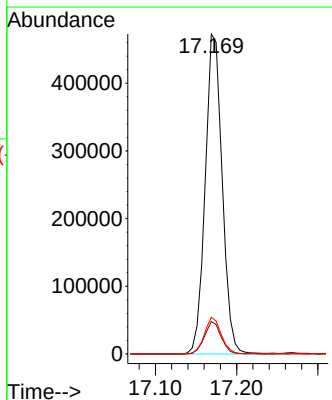
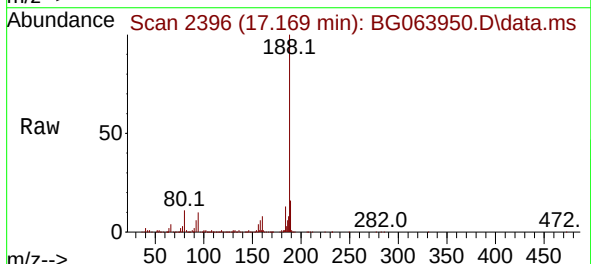


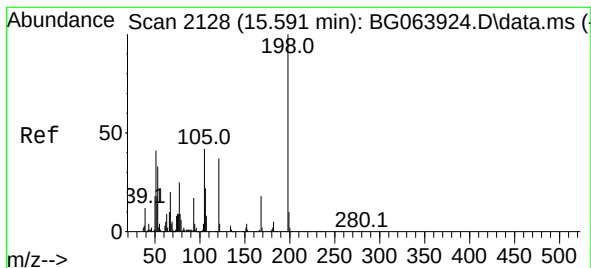
|             |             |
|-------------|-------------|
| Tgt Ion: 77 | Resp: 97968 |
| Ion Ratio   | Lower Upper |
| 77 100      |             |
| 182 22.3    | 0.2 40.2    |
| 105 21.5    | 0.0 37.9    |
| 51 24.4     | 6.3 46.3    |



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.169 min Scan# 2396  
Delta R.T. -0.026 min  
Lab File: BG063950.D  
Acq: 10 Jan 2025 14:44

|             |              |
|-------------|--------------|
| Tgt Ion:188 | Resp: 687167 |
| Ion Ratio   | Lower Upper  |
| 188 100     |              |
| 94 10.2     | 8.4 12.6     |
| 80 11.5     | 9.1 13.7     |

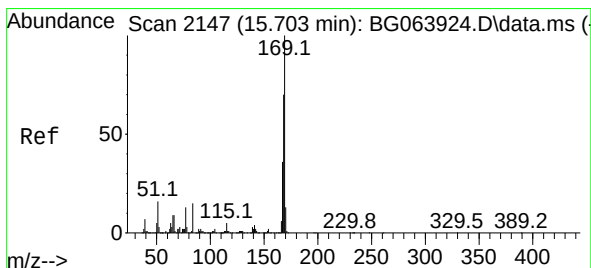
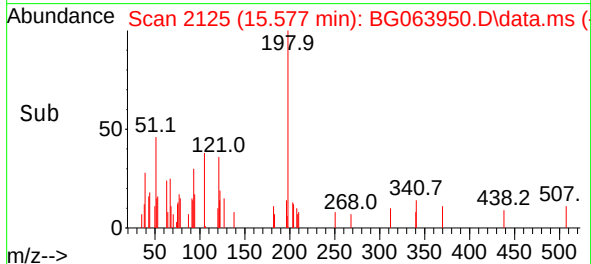
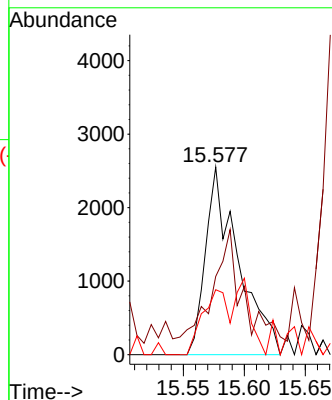
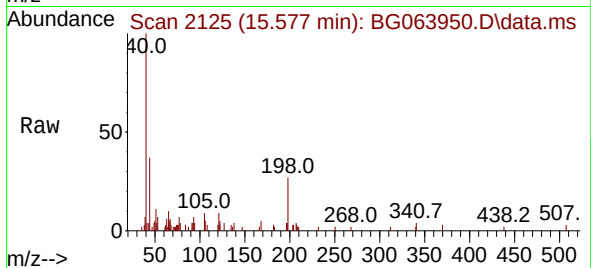




#65  
4,6-Dinitro-2-methylphenol  
Concen: 1.332 ng  
RT: 15.577 min Scan# 2125  
Delta R.T. -0.014 min  
Lab File: BG063950.D  
Acq: 10 Jan 2025 14:44

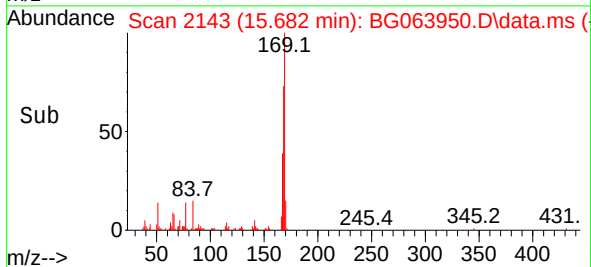
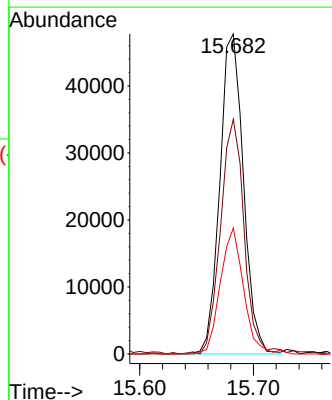
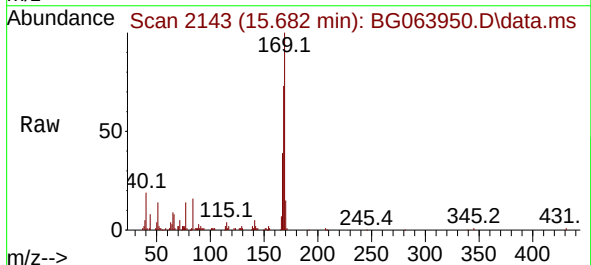
Instrument :  
BNA\_G  
ClientSampleId :  
LOD-MDL-WATER-01-QT1-2024

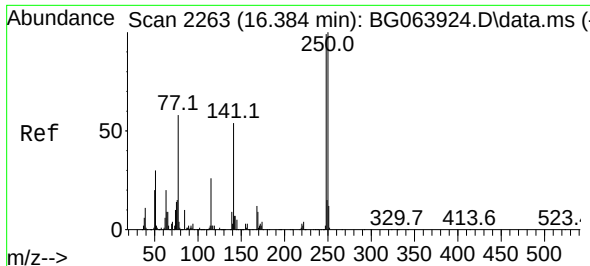
Tgt Ion:198 Resp: 4772  
Ion Ratio Lower Upper  
198 100  
51 41.7 22.5 62.5  
105 34.6 22.2 62.2



#66  
n-Nitrosodiphenylamine  
Concen: 3.850 ng  
RT: 15.682 min Scan# 2143  
Delta R.T. -0.020 min  
Lab File: BG063950.D  
Acq: 10 Jan 2025 14:44

Tgt Ion:169 Resp: 68903  
Ion Ratio Lower Upper  
169 100  
168 73.4 56.2 84.2  
167 39.4 29.2 43.8

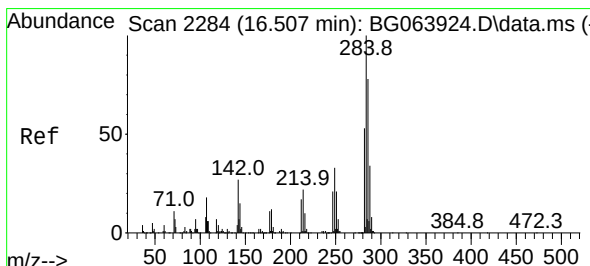
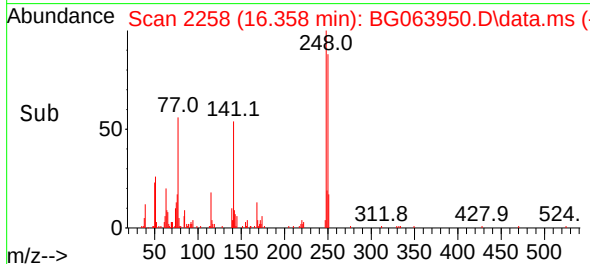
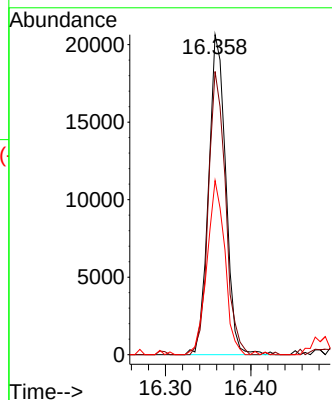
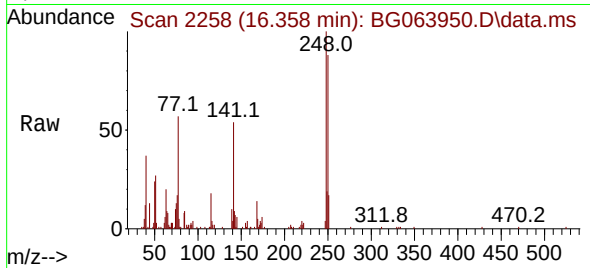




#67  
4-Bromophenyl-phenylether  
Concen: 3.807 ng  
RT: 16.358 min Scan# 21  
Delta R.T. -0.026 min  
Lab File: BG063950.D  
Acq: 10 Jan 2025 14:44

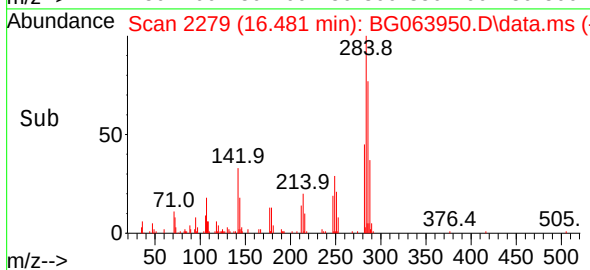
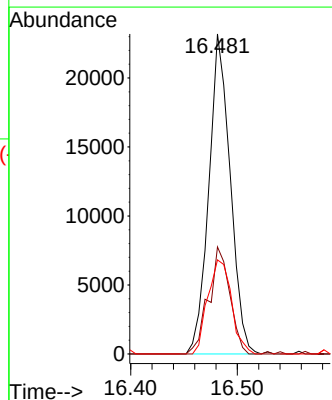
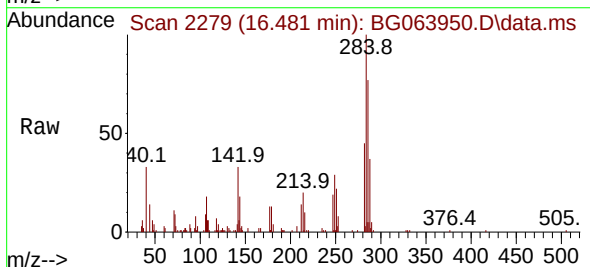
Instrument :  
BNA\_G  
ClientSampleId :  
LOD-MDL-WATER-01-QT1-2024

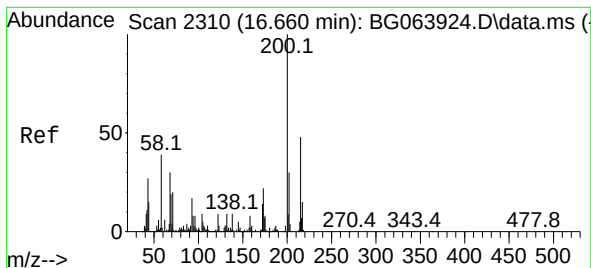
Tgt Ion:248 Resp: 28919  
Ion Ratio Lower Upper  
248 100  
250 88.5 80.7 121.1  
141 54.4 43.3 64.9



#68  
Hexachlorobenzene  
Concen: 3.729 ng  
RT: 16.481 min Scan# 2279  
Delta R.T. -0.026 min  
Lab File: BG063950.D  
Acq: 10 Jan 2025 14:44

Tgt Ion:284 Resp: 32342  
Ion Ratio Lower Upper  
284 100  
142 33.4 22.0 33.0#  
249 29.4 26.2 39.2





#69

Atrazine

Concen: 4.337 ng

RT: 16.634 min Scan# 21

Delta R.T. -0.026 min

Lab File: BG063950.D

Acq: 10 Jan 2025 14:44

Instrument :

BNA\_G

ClientSampleId :

LOD-MDL-WATER-01-QT1-2024

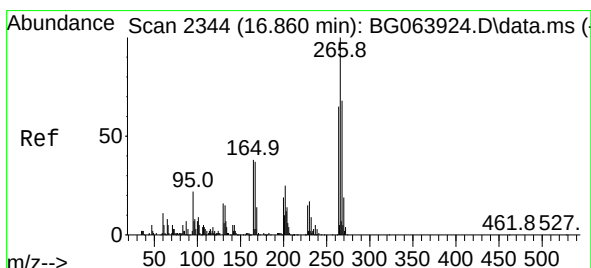
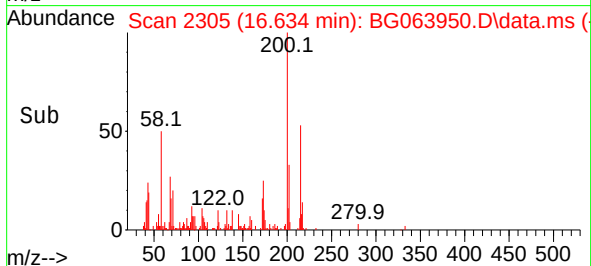
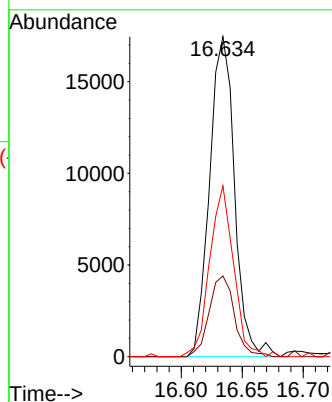
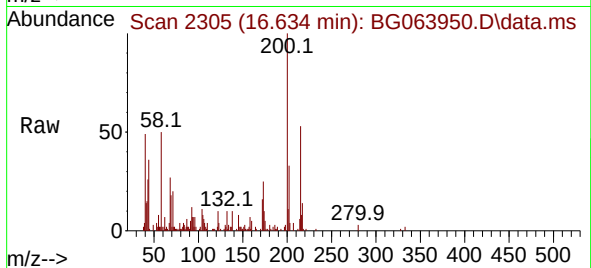
Tgt Ion:200 Resp: 24879

Ion Ratio Lower Upper

200 100

173 25.2 2.4 42.4

215 53.4 27.6 67.6



#70

Pentachlorophenol

Concen: 0.853 ng

RT: 16.857 min Scan# 2343

Delta R.T. -0.003 min

Lab File: BG063950.D

Acq: 10 Jan 2025 14:44

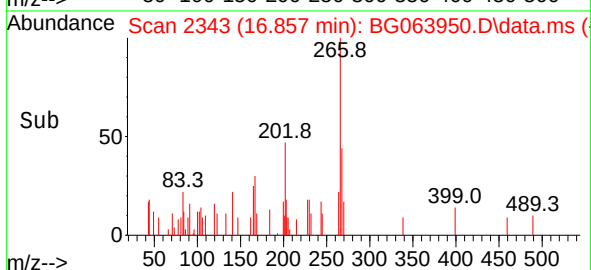
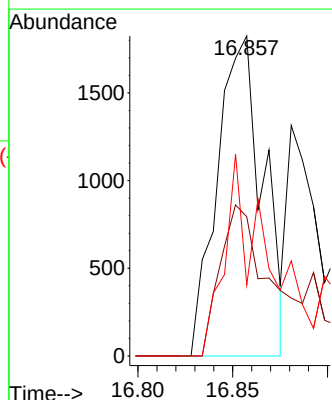
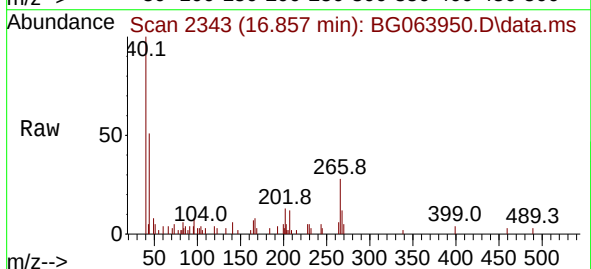
Tgt Ion:266 Resp: 3068

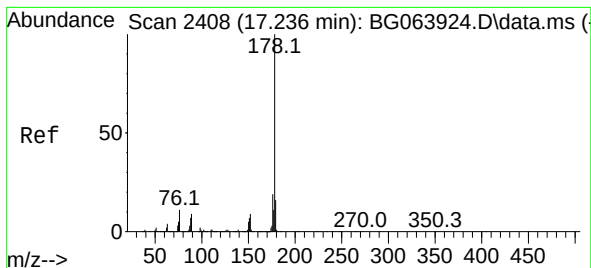
Ion Ratio Lower Upper

266 100

268 43.5 54.5 81.7#

264 22.2 52.2 78.4#





#71

Phenanthrene

Concen: 4.130 ng

RT: 17.216 min Scan# 2419

Delta R.T. -0.020 min

Lab File: BG063950.D

Acq: 10 Jan 2025 14:44

Instrument :

BNA\_G

ClientSampleId :

LOD-MDL-WATER-01-QT1-2024

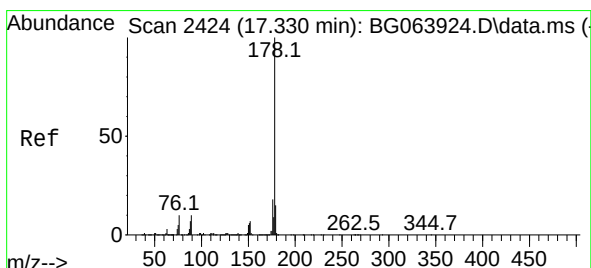
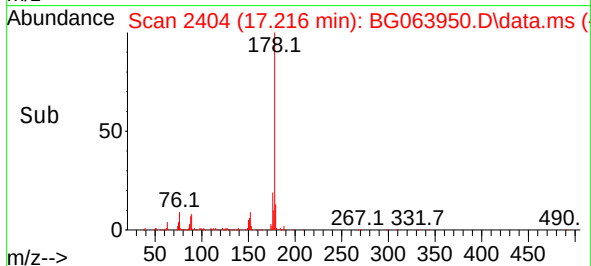
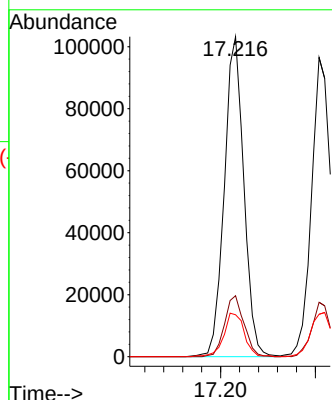
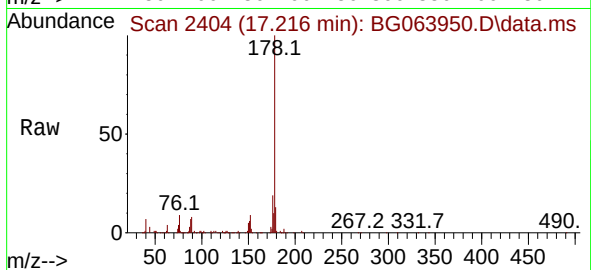
Tgt Ion:178 Resp: 147637

Ion Ratio Lower Upper

178 100

176 19.0 15.0 22.4

179 13.1 12.5 18.7



#72

Anthracene

Concen: 4.033 ng

RT: 17.304 min Scan# 2419

Delta R.T. -0.026 min

Lab File: BG063950.D

Acq: 10 Jan 2025 14:44

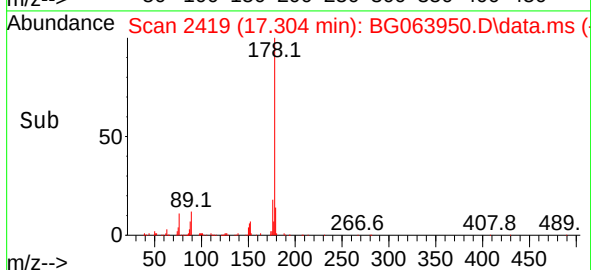
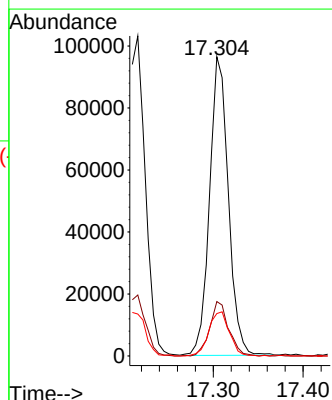
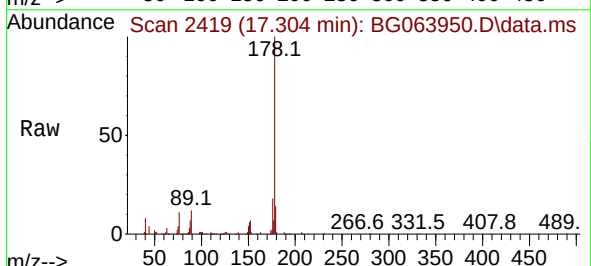
Tgt Ion:178 Resp: 140320

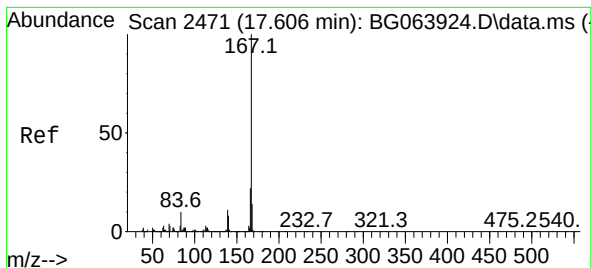
Ion Ratio Lower Upper

178 100

176 18.2 14.5 21.7

179 14.2 12.1 18.1





#73

Carbazole

Concen: 3.700 ng

RT: 17.586 min Scan# 24

Delta R.T. -0.020 min

Lab File: BG063950.D

Acq: 10 Jan 2025 14:44

Instrument :

BNA\_G

ClientSampleId :

LOD-MDL-WATER-01-QT1-2024

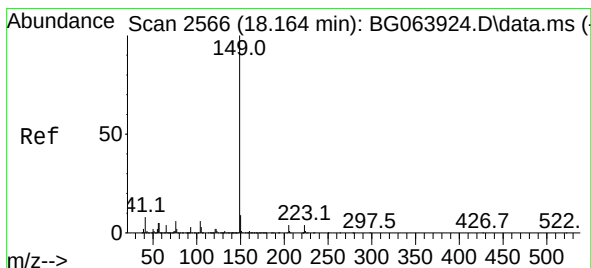
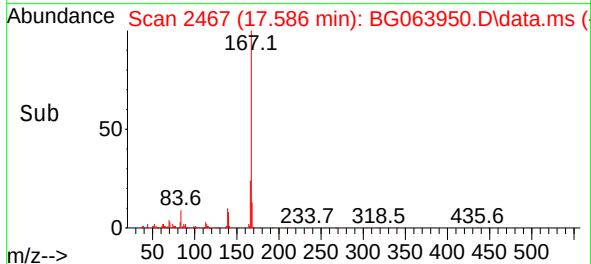
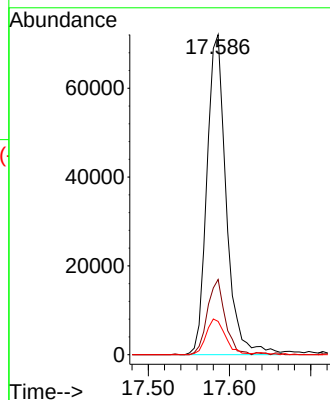
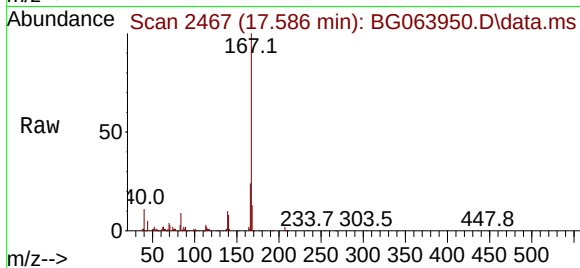
Tgt Ion:167 Resp: 118893

Ion Ratio Lower Upper

167 100

166 23.5 17.4 26.0

139 10.4 9.0 13.6



#74

Di-n-butylphthalate

Concen: 3.537 ng

RT: 18.144 min Scan# 2562

Delta R.T. -0.020 min

Lab File: BG063950.D

Acq: 10 Jan 2025 14:44

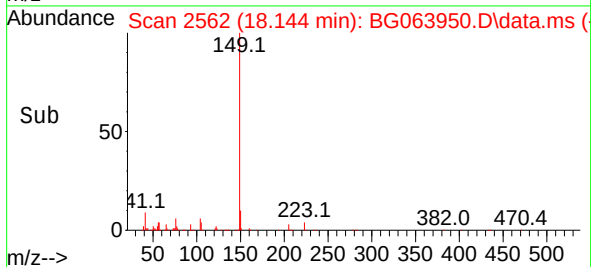
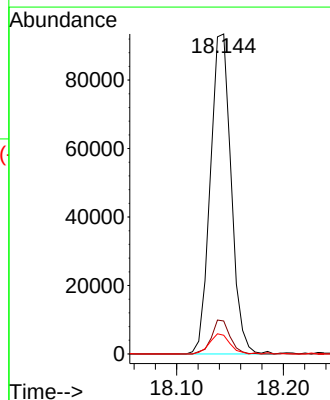
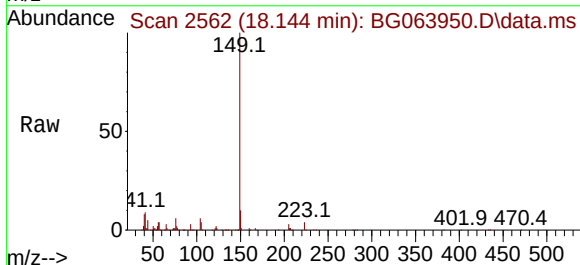
Tgt Ion:149 Resp: 126655

Ion Ratio Lower Upper

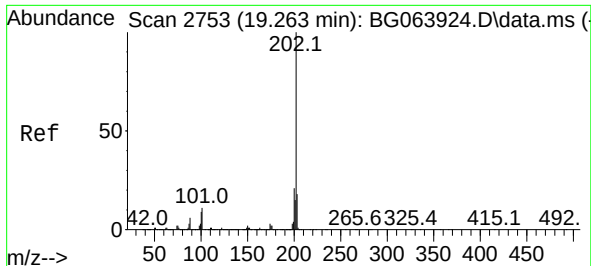
149 100

150 10.3 7.4 11.0

104 5.8 4.9 7.3



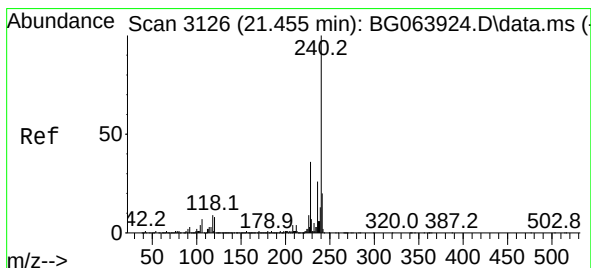
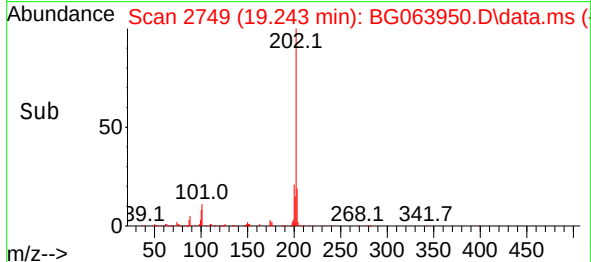
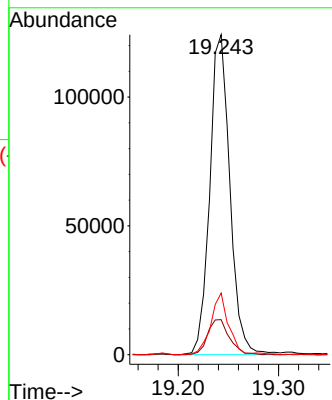
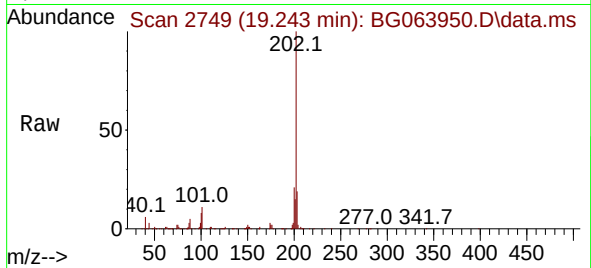




#75  
Fluoranthene  
Concen: 3.845 ng  
RT: 19.243 min Scan# 21  
Delta R.T. -0.020 min  
Lab File: BG063950.D  
Acq: 10 Jan 2025 14:44

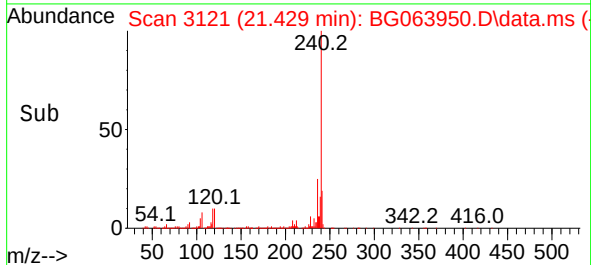
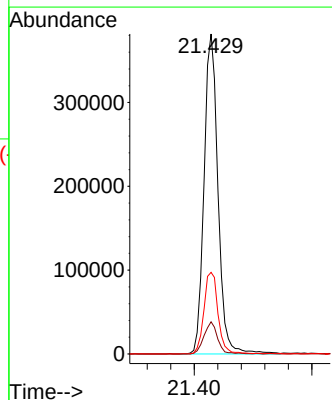
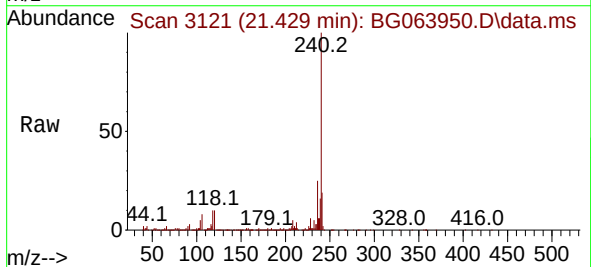
Instrument :  
BNA\_G  
ClientSampleId :  
LOD-MDL-WATER-01-QT1-2024

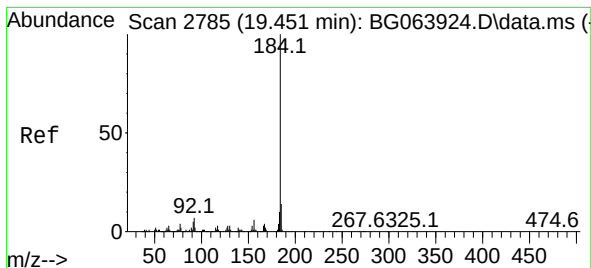
Tgt Ion:202 Resp: 173426  
Ion Ratio Lower Upper  
202 100  
101 10.9 0.0 31.1  
203 19.2 0.0 37.6



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.429 min Scan# 3121  
Delta R.T. -0.026 min  
Lab File: BG063950.D  
Acq: 10 Jan 2025 14:44

Tgt Ion:240 Resp: 628228  
Ion Ratio Lower Upper  
240 100  
120 10.1 6.7 10.1  
236 25.5 21.2 31.8





#77

Benzidine

Concen: 5.165 ng

RT: 19.807 min Scan# 2811

Delta R.T. 0.356 min

Lab File: BG063950.D

Acq: 10 Jan 2025 14:44

Instrument :

BNA\_G

ClientSampleId :

LOD-MDL-WATER-01-QT1-2024

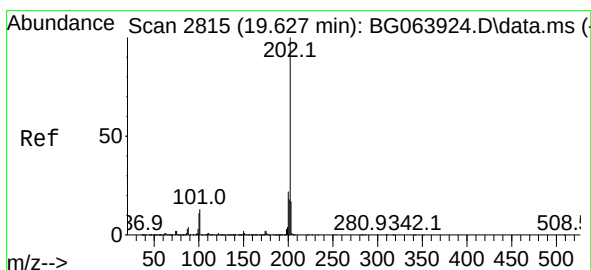
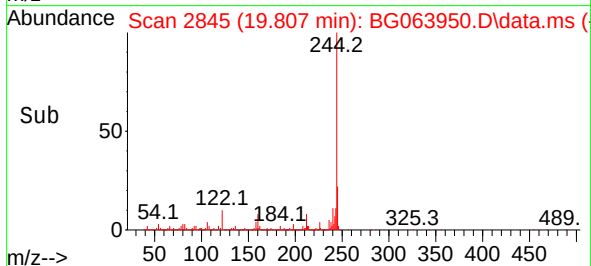
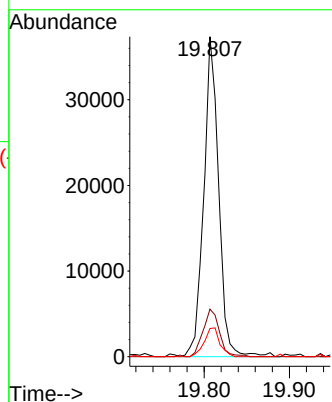
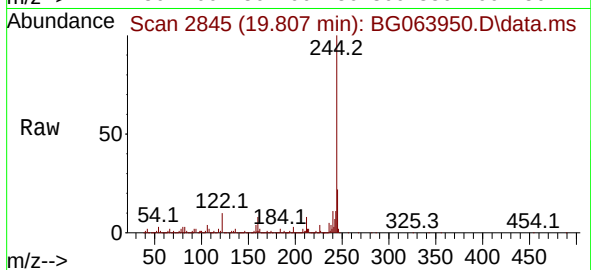
Tgt Ion:184 Resp: 45401

Ion Ratio Lower Upper

184 100

185 14.8 11.4 17.2

183 8.8 8.4 12.6



#78

Pyrene

Concen: 4.046 ng

RT: 19.607 min Scan# 2811

Delta R.T. -0.020 min

Lab File: BG063950.D

Acq: 10 Jan 2025 14:44

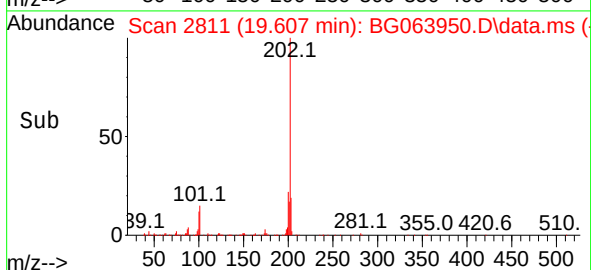
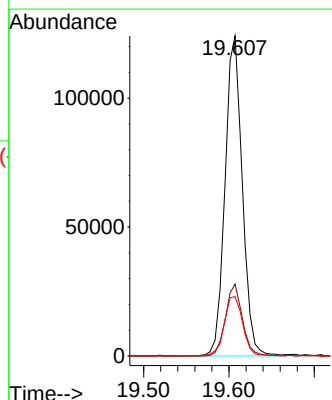
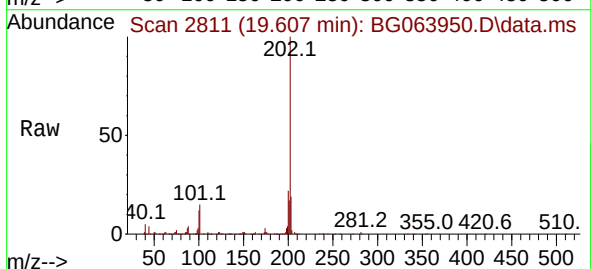
Tgt Ion:202 Resp: 174366

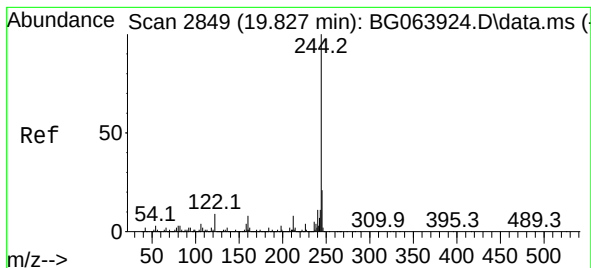
Ion Ratio Lower Upper

202 100

200 22.4 17.3 25.9

203 18.6 13.9 20.9





#79

Terphenyl-d14

Concen: 86.946 ng

RT: 19.807 min Scan# 21

Delta R.T. -0.020 min

Lab File: BG063950.D

Acq: 10 Jan 2025 14:44

Instrument :

BNA\_G

ClientSampleId :

LOD-MDL-WATER-01-QT1-2024

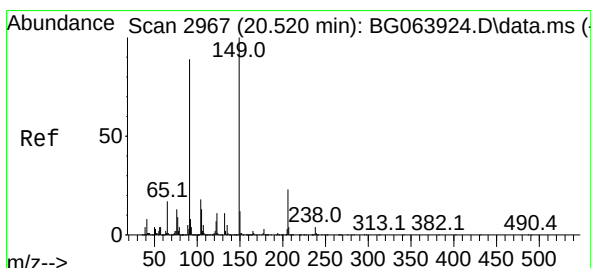
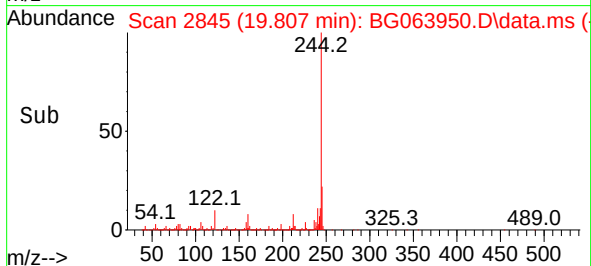
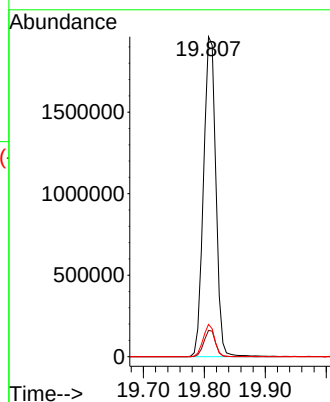
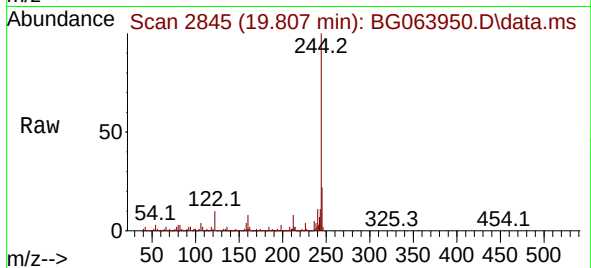
Tgt Ion:244 Resp: 2751009

Ion Ratio Lower Upper

244 100

212 8.2 6.7 10.1

122 10.1 7.4 11.0



#80

Butylbenzylphthalate

Concen: 3.157 ng

RT: 20.500 min Scan# 2963

Delta R.T. -0.020 min

Lab File: BG063950.D

Acq: 10 Jan 2025 14:44

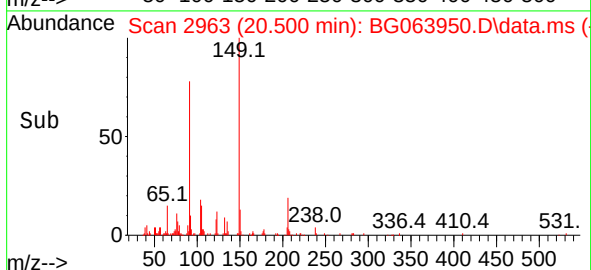
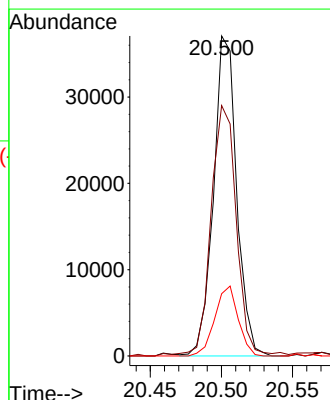
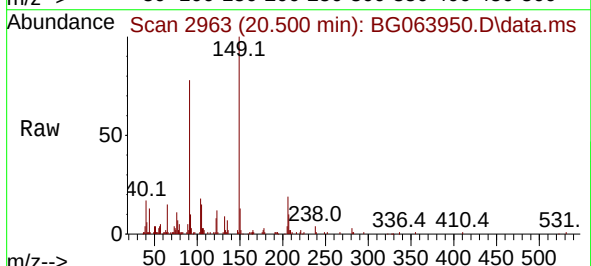
Tgt Ion:149 Resp: 41973

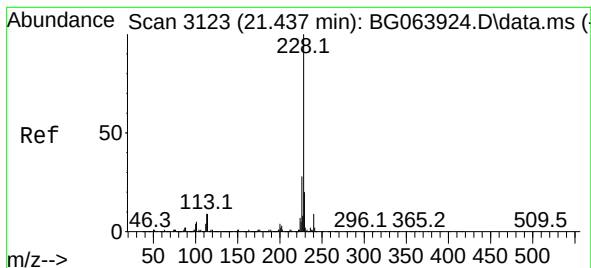
Ion Ratio Lower Upper

149 100

91 78.2 71.4 107.0

206 19.5 18.7 28.1





#81

Benzo(a)anthracene

Concen: 3.877 ng

RT: 21.411 min Scan# 3118

Delta R.T. -0.026 min

Lab File: BG063950.D

Acq: 10 Jan 2025 14:44

Instrument :

BNA\_G

ClientSampleId :

LOD-MDL-WATER-01-QT1-2024

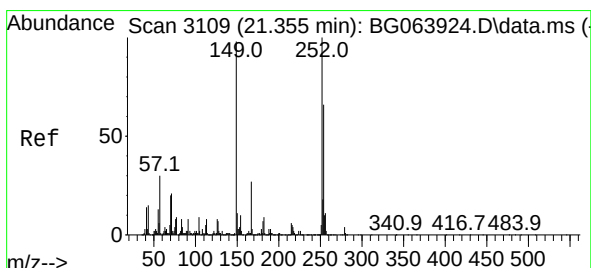
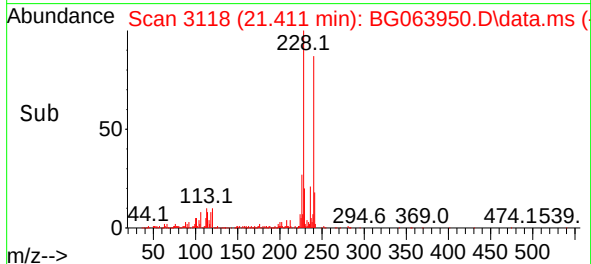
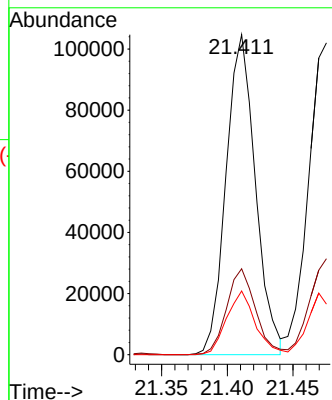
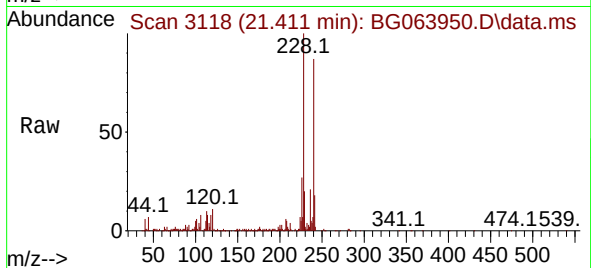
Tgt Ion:228 Resp: 162931

Ion Ratio Lower Upper

228 100

226 26.8 22.2 33.2

229 19.9 15.8 23.6



#82

3,3'-Dichlorobenzidine

Concen: 3.175 ng

RT: 21.334 min Scan# 3105

Delta R.T. -0.020 min

Lab File: BG063950.D

Acq: 10 Jan 2025 14:44

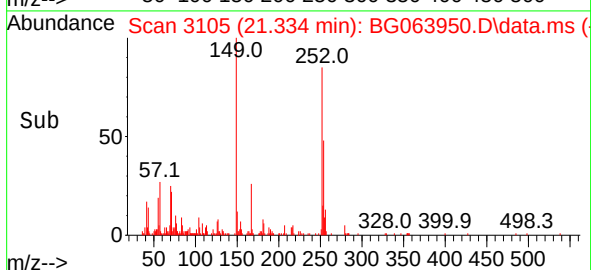
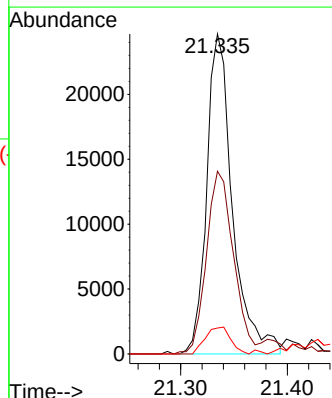
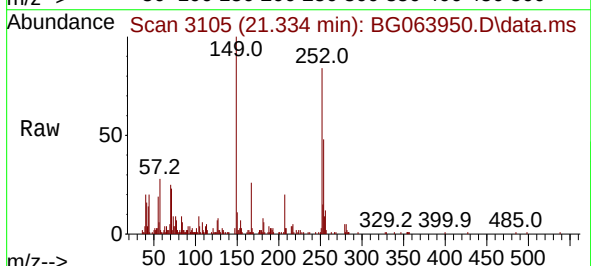
Tgt Ion:252 Resp: 41452

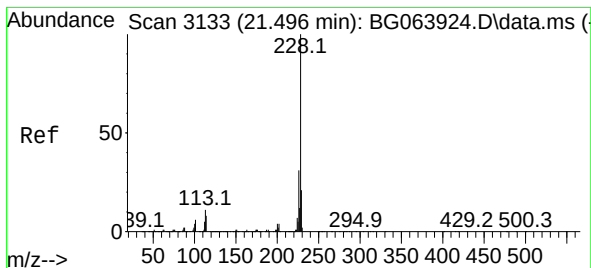
Ion Ratio Lower Upper

252 100

254 57.1 52.6 78.8

126 8.1 6.2 9.2





#83

Chrysene

Concen: 3.993 ng

RT: 21.411 min Scan# 3118

Delta R.T. -0.085 min

Lab File: BG063950.D

Acq: 10 Jan 2025 14:44

Instrument :

BNA\_G

ClientSampleId :

LOD-MDL-WATER-01-QT1-2024

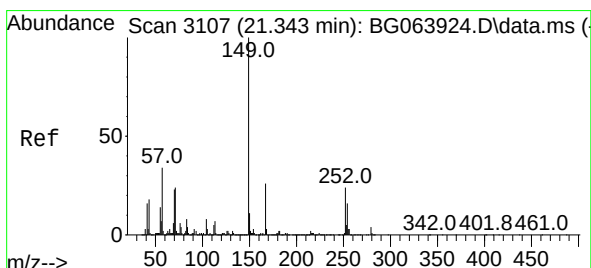
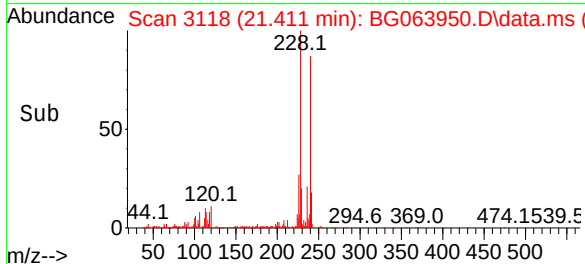
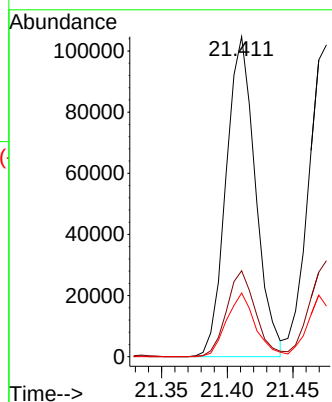
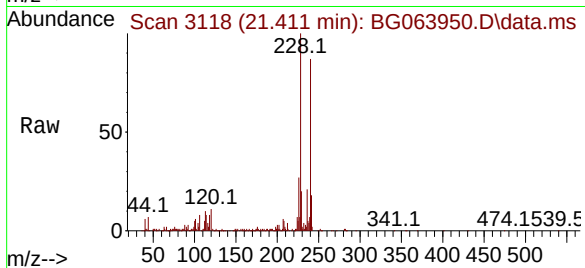
Tgt Ion:228 Resp: 162931

Ion Ratio Lower Upper

228 100

226 26.8 24.6 37.0

229 19.9 16.6 25.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 3.223 ng

RT: 21.323 min Scan# 3103

Delta R.T. -0.020 min

Lab File: BG063950.D

Acq: 10 Jan 2025 14:44

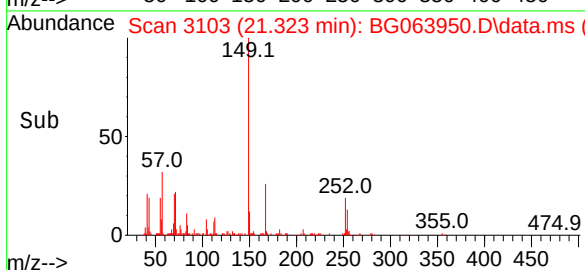
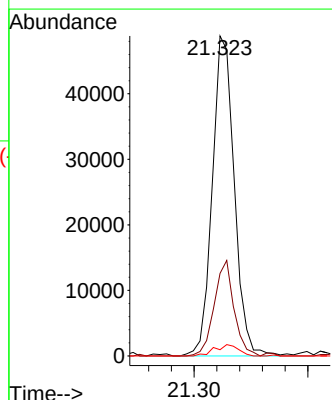
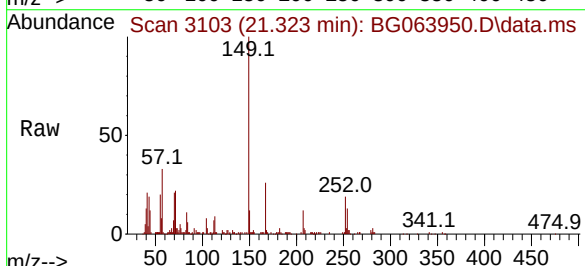
Tgt Ion:149 Resp: 65526

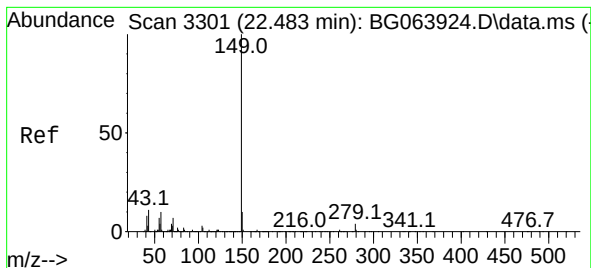
Ion Ratio Lower Upper

149 100

167 25.8 20.6 31.0

279 2.0 2.9 4.3#





#85

Di-n-octyl phthalate

Concen: 3.265 ng

RT: 22.457 min Scan# 31

Delta R.T. -0.026 min

Lab File: BG063950.D

Acq: 10 Jan 2025 14:44

Instrument :

BNA\_G

ClientSampleId :

LOD-MDL-WATER-01-QT1-2024

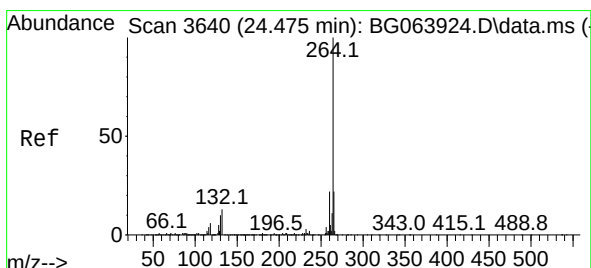
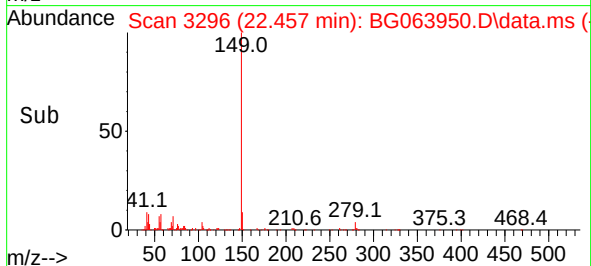
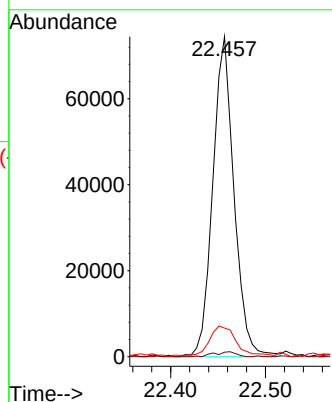
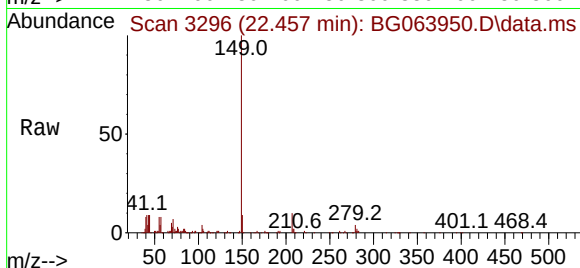
Tgt Ion:149 Resp: 115614

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 12.6 8.7 13.1



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.437 min Scan# 3633

Delta R.T. -0.038 min

Lab File: BG063950.D

Acq: 10 Jan 2025 14:44

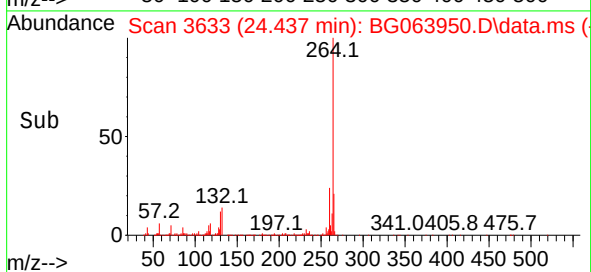
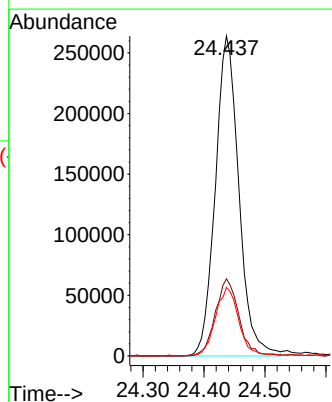
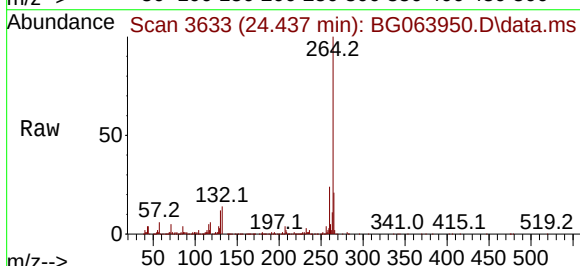
Tgt Ion:264 Resp: 706928

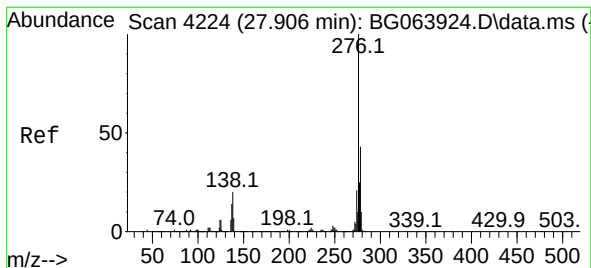
Ion Ratio Lower Upper

264 100

260 24.1 17.4 26.0

265 21.5 17.8 26.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 3.571 ng

RT: 27.845 min Scan# 41

Delta R.T. -0.061 min

Lab File: BG063950.D

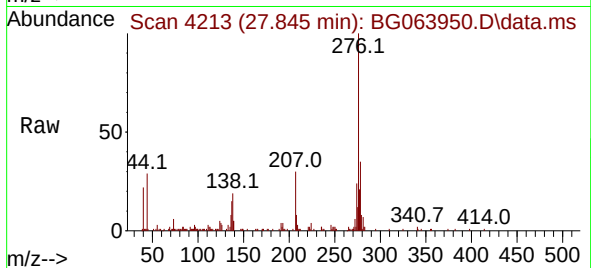
Acq: 10 Jan 2025 14:44

Instrument :

BNA\_G

ClientSampleId :

LOD-MDL-WATER-01-QT1-2024



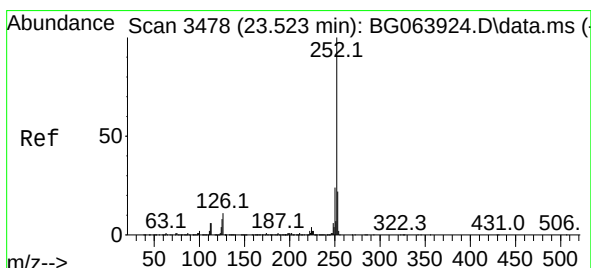
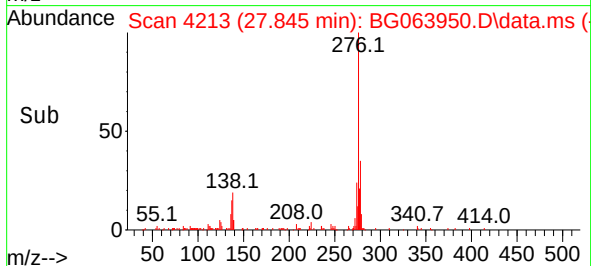
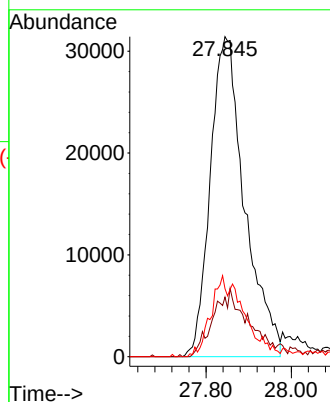
Tgt Ion:276 Resp: 175316

Ion Ratio Lower Upper

276 100

138 7.3 17.4 26.2#

277 12.0 19.6 29.4#



#88

Benzo(b)fluoranthene

Concen: 3.809 ng

RT: 23.544 min Scan# 3481

Delta R.T. 0.021 min

Lab File: BG063950.D

Acq: 10 Jan 2025 14:44

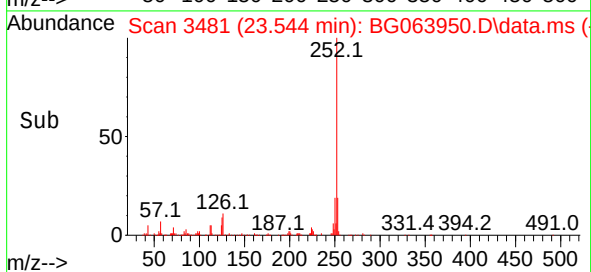
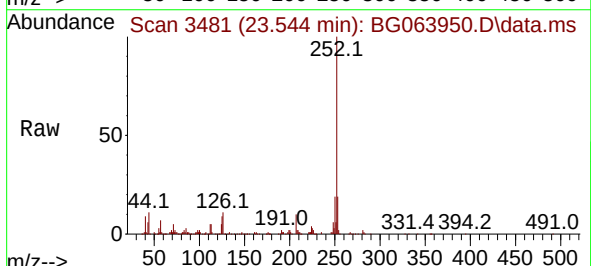
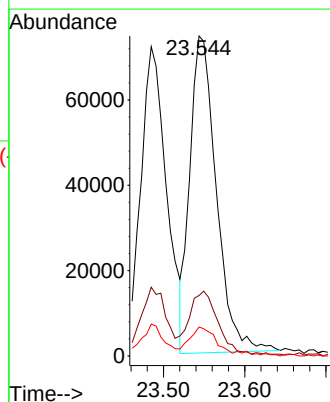
Tgt Ion:252 Resp: 168306

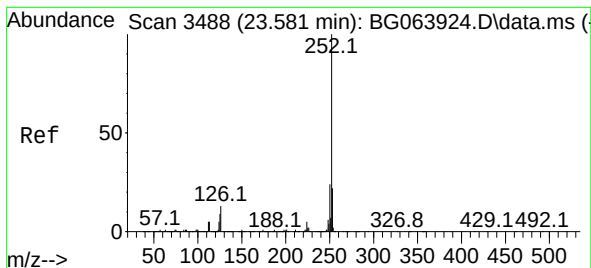
Ion Ratio Lower Upper

252 100

253 18.9 17.7 26.5

125 9.1 6.6 9.8





#89

Benzo(k)fluoranthene

Concen: 3.795 ng

RT: 23.544 min Scan# 3481

Delta R.T. -0.038 min

Lab File: BG063950.D

Acq: 10 Jan 2025 14:44

Instrument :

BNA\_G

ClientSampleId :

LOD-MDL-WATER-01-QT1-2024

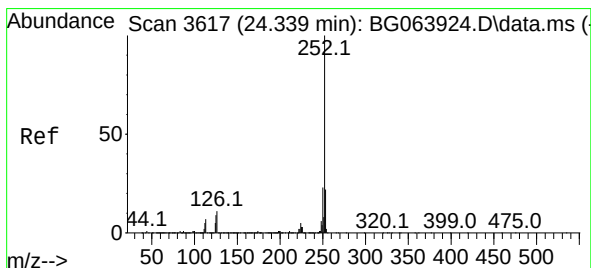
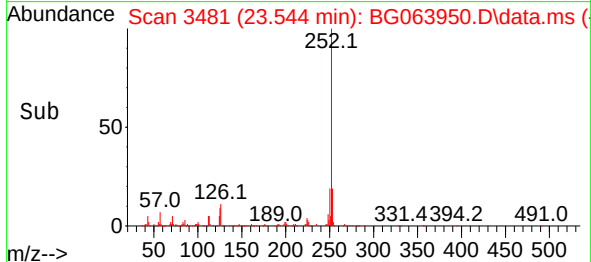
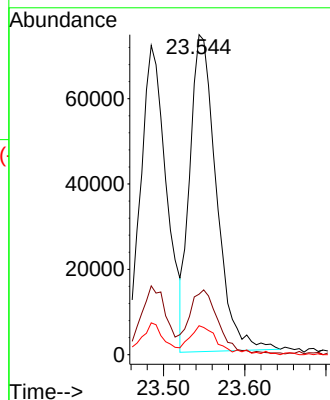
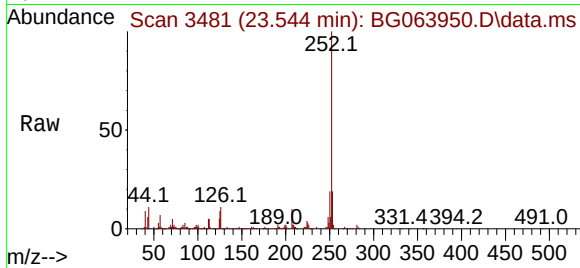
Tgt Ion:252 Resp: 168306

Ion Ratio Lower Upper

252 100

253 18.9 18.0 27.0

125 9.1 7.2 10.8



#90

Benzo(a)pyrene

Concen: 3.845 ng

RT: 24.290 min Scan# 3608

Delta R.T. -0.050 min

Lab File: BG063950.D

Acq: 10 Jan 2025 14:44

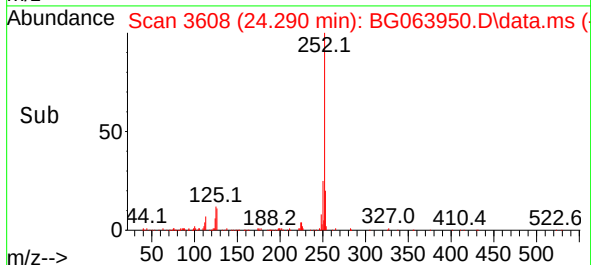
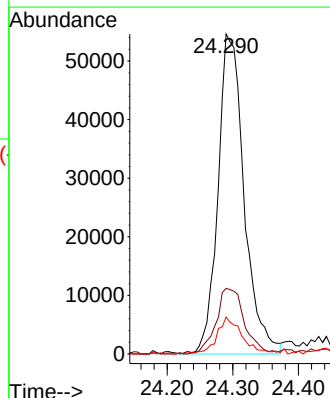
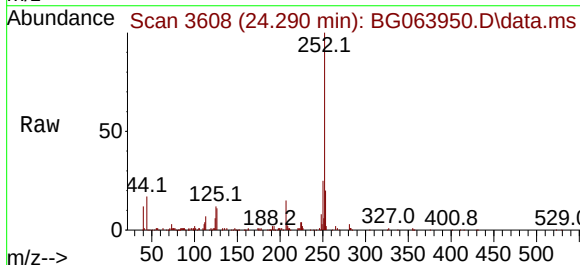
Tgt Ion:252 Resp: 150928

Ion Ratio Lower Upper

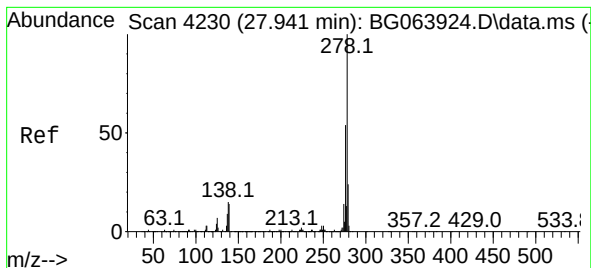
252 100

253 20.5 17.6 26.4

125 11.5 7.0 10.4#







#91

Dibenzo(a,h)anthracene

Concen: 3.402 ng

RT: 27.886 min Scan# 41

Delta R.T. -0.055 min

Lab File: BG063950.D

Acq: 10 Jan 2025 14:44

Instrument :

BNA\_G

ClientSampleId :

LOD-MDL-WATER-01-QT1-2024

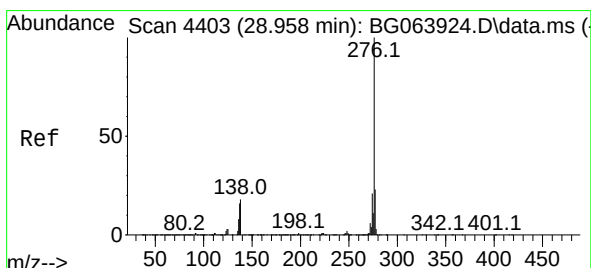
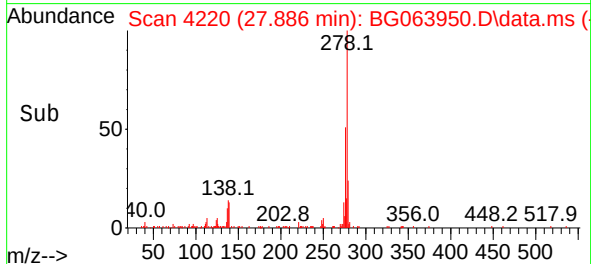
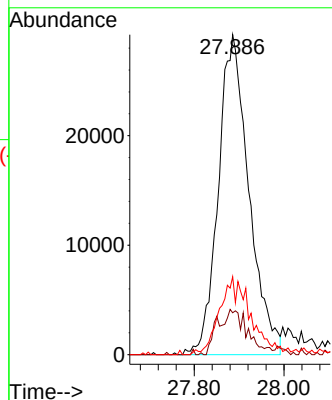
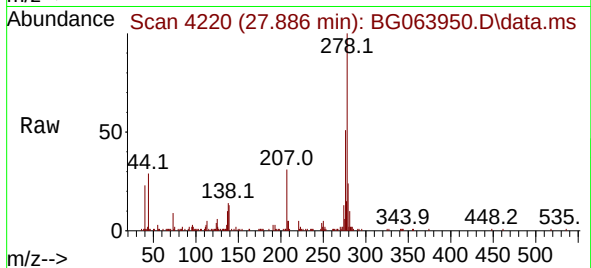
Tgt Ion:278 Resp: 138232

Ion Ratio Lower Upper

278 100

139 13.1 11.1 16.7

279 24.4 18.9 28.3



#92

Benzo(g,h,i)perylene

Concen: 3.313 ng

RT: 28.896 min Scan# 4392

Delta R.T. -0.061 min

Lab File: BG063950.D

Acq: 10 Jan 2025 14:44

Tgt Ion:276 Resp: 138473

Ion Ratio Lower Upper

276 100

277 22.0 18.7 28.1

138 20.0 14.4 21.6

