

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG031622\  
 Data File : BG052677.D  
 Acq On : 16 Mar 2022 14:20  
 Operator : CG/JU  
 Sample : N1645-07  
 Misc : LOD-MDL-WATER 4ppm  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 LOD-MDL-WATER-01-QT1-2022

Quant Time: Mar 16 14:58:10 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG031522.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Mar 16 11:53:01 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.158  | 152  | 43366    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.966 | 136  | 171857   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.772 | 164  | 117556   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.516 | 188  | 278113   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 21.804 | 240  | 312638   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 25.123 | 264  | 309860   | 20.000  | ng    | #-0.01   |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.708  | 112  | 339077   | 136.168 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.300  | 99   | 489735   | 130.452 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.315  | 82   | 274934   | 80.294  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.258 | 330  | 215307   | 136.302 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.403 | 172  | 632494   | 79.352  | ng    | 0.00     |
| 79) Terphenyl-d14             | 20.118 | 244  | 1250350  | 71.142  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.599  | 88   | 4747     | 3.811   | ng    | 98       |
| 3) Pyridine                   | 4.010  | 79   | 10133    | 3.173   | ng    | # 85     |
| 4) n-Nitrosodimethylamine     | 3.910  | 42   | 3612     | 2.550   | ng    | # 73     |
| 6) Aniline                    | 7.470  | 93   | 16445    | 3.736   | ng    | 95       |
| 8) 2-Chlorophenol             | 7.717  | 128  | 9217     | 3.523   | ng    | 92       |
| 9) Benzaldehyde               | 7.282  | 77   | 11095    | 4.812   | ng    | 91       |
| 10) Phenol                    | 7.324  | 94   | 12968    | 3.499   | ng    | 85       |
| 11) bis(2-Chloroethyl)ether   | 7.564  | 93   | 9249     | 3.305   | ng    | 91       |
| 12) 1,3-Dichlorobenzene       | 8.187  | 146  | 11242    | 3.568   | ng    | 96       |
| 13) 1,4-Dichlorobenzene       | 8.187  | 146  | 11242    | 3.552   | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 8.510  | 146  | 10135    | 3.386   | ng    | 90       |
| 15) Benzyl Alcohol            | 8.381  | 79   | 9677     | 3.061   | ng    | 97       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.680  | 45   | 16226    | 3.329   | ng    | 90       |
| 17) 2-Methylphenol            | 8.581  | 107  | 8463     | 3.426   | ng    | # 92     |
| 18) Hexachloroethane          | 9.244  | 117  | 4176     | 3.596   | ng    | # 81     |
| 19) n-Nitroso-di-n-propyla... | 8.957  | 70   | 9224     | 3.469   | ng    | # 93     |
| 20) 3+4-Methylphenols         | 8.904  | 107  | 11078    | 3.204   | ng    | 94       |
| 22) Acetophenone              | 8.974  | 105  | 16885    | 3.797   | ng    | # 89     |
| 24) Nitrobenzene              | 9.356  | 77   | 13223    | 3.860   | ng    | # 86     |
| 25) Isophorone                | 9.885  | 82   | 23761    | 3.584   | ng    | 99       |
| 26) 2-Nitrophenol             | 10.067 | 139  | 3842     | 3.229   | ng    | 94       |
| 27) 2,4-Dimethylphenol        | 10.120 | 122  | 9921     | 4.076   | ng    | 87       |
| 28) bis(2-Chloroethoxy)met... | 10.361 | 93   | 13175    | 3.361   | ng    | 94       |
| 29) 2,4-Dichlorophenol        | 10.607 | 162  | 9067     | 3.310   | ng    | 91       |
| 30) 1,2,4-Trichlorobenzene    | 10.825 | 180  | 11743    | 3.634   | ng    | # 84     |
| 31) Naphthalene               | 11.013 | 128  | 32277    | 3.632   | ng    | 95       |
| 32) Benzoic acid              | 10.167 | 122  | 2562     | 1.566   | ng    | 87       |
| 33) 4-Chloroaniline           | 11.118 | 127  | 12887    | 3.421   | ng    | # 90     |
| 34) Hexachlorobutadiene       | 11.306 | 225  | 8023     | 3.463   | ng    | 92       |
| 35) Caprolactam               | 11.864 | 113  | 2444     | 3.268   | ng    | # 85     |
| 36) 4-Chloro-3-methylphenol   | 12.217 | 107  | 9688     | 3.046   | ng    | 97       |
| 37) 2-Methylnaphthalene       | 12.616 | 142  | 22827    | 3.507   | ng    | 92       |
| 38) 1-Methylnaphthalene       | 12.834 | 142  | 21984    | 3.461   | ng    | 88       |
| 40) 1,2,4,5-Tetrachloroben... | 12.975 | 216  | 14787    | 4.026   | ng    | 96       |
| 41) Hexachlorocyclopentadiene | 12.963 | 237  | 9426     | 4.330   | ng    | 96       |
| 43) 2,4,6-Trichlorophenol     | 13.274 | 196  | 8050     | 3.423   | ng    | 91       |

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 Acq On : 16 Mar 2022 14:20  
 Operator : CG/JU  
 Sample : N1645-07  
 Misc : LOD-MDL-WATER 4ppm  
 ALS Vial : 9 Sample Multiplier: 1

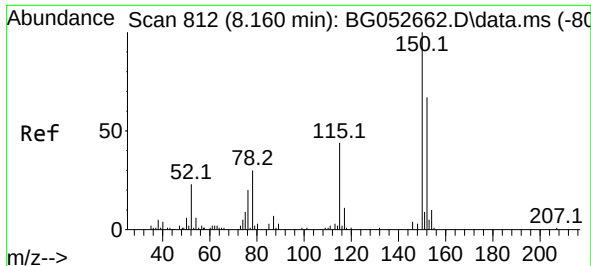
Instrument :  
 BNA\_G  
 ClientSampleId :  
 LOD-MDL-WATER-01-QT1-2022

Quant Time: Mar 16 14:58:10 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG031522.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Mar 16 11:53:01 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 13.274 | 196  | 8050     | 3.372 | ng    | 94       |
| 46) 1,1'-Biphenyl             | 13.609 | 154  | 30883    | 3.757 | ng    | 95       |
| 47) 2-Chloronaphthalene       | 13.656 | 162  | 25242    | 3.899 | ng    | 94       |
| 48) 2-Nitroaniline            | 13.838 | 65   | 5881     | 3.321 | ng    | 96       |
| 49) Acenaphthylene            | 14.496 | 152  | 39555    | 3.833 | ng    | 98       |
| 50) Dimethylphthalate         | 14.214 | 163  | 30770    | 3.522 | ng    | # 98     |
| 51) 2,6-Dinitrotoluene        | 14.332 | 165  | 5039     | 3.416 | ng    | # 86     |
| 52) Acenaphthene              | 14.837 | 154  | 23822    | 3.603 | ng    | 96       |
| 53) 3-Nitroaniline            | 14.661 | 138  | 5646     | 3.271 | ng    | # 78     |
| 54) 2,4-Dinitrophenol         | 14.860 | 184  | 2336     | 2.905 | ng    | # 69     |
| 55) Dibenzofuran              | 15.166 | 168  | 39415    | 3.650 | ng    | 96       |
| 56) 4-Nitrophenol             | 14.948 | 139  | 4406     | 3.129 | ng    | # 86     |
| 57) 2,4-Dinitrotoluene        | 15.113 | 165  | 6589     | 3.219 | ng    | # 93     |
| 58) Fluorene                  | 15.818 | 166  | 31927    | 3.627 | ng    | 96       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.389 | 232  | 7368     | 2.888 | ng    | 99       |
| 60) Diethylphthalate          | 15.577 | 149  | 29879    | 3.240 | ng    | 98       |
| 61) 4-Chlorophenyl-phenyle... | 15.806 | 204  | 17728    | 3.652 | ng    | # 92     |
| 62) 4-Nitroaniline            | 15.812 | 138  | 6507     | 3.568 | ng    | 95       |
| 63) Azobenzene                | 16.100 | 77   | 33540    | 3.403 | ng    | 96       |
| 65) 4,6-Dinitro-2-methylph... | 15.877 | 198  | 3564     | 2.874 | ng    | 88       |
| 66) n-Nitrosodiphenylamine    | 16.018 | 169  | 28390    | 3.626 | ng    | 95       |
| 67) 4-Bromophenyl-phenylether | 16.705 | 248  | 10477    | 3.125 | ng    | # 88     |
| 68) Hexachlorobenzene         | 16.822 | 284  | 12863    | 3.569 | ng    | 94       |
| 69) Atrazine                  | 16.963 | 200  | 10343    | 3.583 | ng    | 95       |
| 70) Pentachlorophenol         | 17.163 | 266  | 6292     | 2.814 | ng    | 92       |
| 71) Phenanthrene              | 17.557 | 178  | 53464    | 3.593 | ng    | 94       |
| 72) Anthracene                | 17.645 | 178  | 54512    | 3.706 | ng    | 98       |
| 73) Carbazole                 | 17.909 | 167  | 49356    | 3.388 | ng    | 97       |
| 74) Di-n-butylphthalate       | 18.473 | 149  | 54801    | 3.444 | ng    | 99       |
| 75) Fluoranthene              | 19.560 | 202  | 70937    | 3.756 | ng    | 98       |
| 77) Benzidine                 | 19.730 | 184  | 29874    | 3.705 | ng    | 98       |
| 78) Pyrene                    | 19.924 | 202  | 72425    | 3.340 | ng    | 96       |
| 80) Butylbenzylphthalate      | 20.811 | 149  | 23175    | 3.013 | ng    | 87       |
| 81) Benzo(a)anthracene        | 21.780 | 228  | 75296    | 3.597 | ng    | 98       |
| 82) 3,3'-Dichlorobenzidine    | 21.686 | 252  | 25609    | 3.464 | ng    | 100      |
| 83) Chrysene                  | 21.851 | 228  | 68623    | 3.487 | ng    | 95       |
| 84) Bis(2-ethylhexyl)phtha... | 21.692 | 149  | 33417    | 3.194 | ng    | 99       |
| 85) Di-n-octyl phthalate      | 22.949 | 149  | 51009    | 2.929 | ng    | # 90     |
| 87) Indeno(1,2,3-cd)pyrene    | 28.912 | 276  | 71729    | 3.382 | ng    | # 89     |
| 88) Benzo(b)fluoranthene      | 24.066 | 252  | 72617    | 3.774 | ng    | 96       |
| 89) Benzo(k)fluoranthene      | 24.066 | 252  | 72617    | 3.836 | ng    | 96       |
| 90) Benzo(a)pyrene            | 24.958 | 252  | 68443    | 4.203 | ng    | 96       |
| 91) Dibenzo(a,h)anthracene    | 28.982 | 278  | 64767    | 3.706 | ng    | # 92     |
| 92) Benzo(g,h,i)perylene      | 30.093 | 276  | 61638    | 3.565 | ng    | # 95     |

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

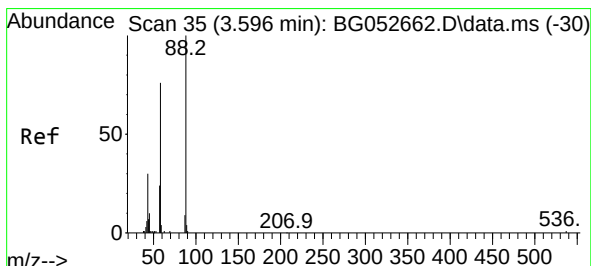
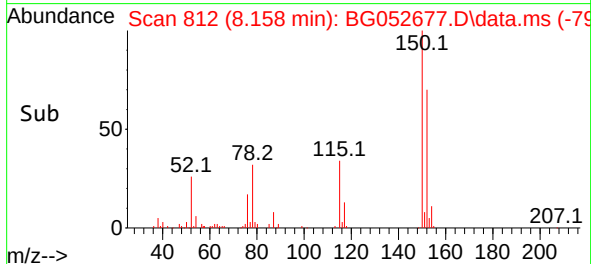
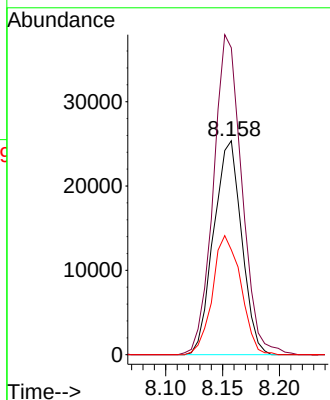
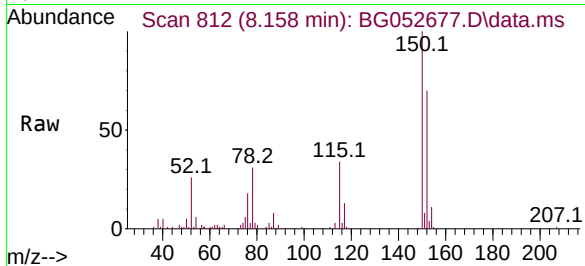




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.158 min Scan# 81  
Delta R.T. -0.002 min  
Lab File: BG052677.D  
Acq: 16 Mar 2022 14:20

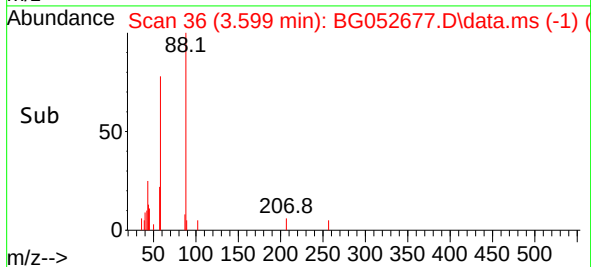
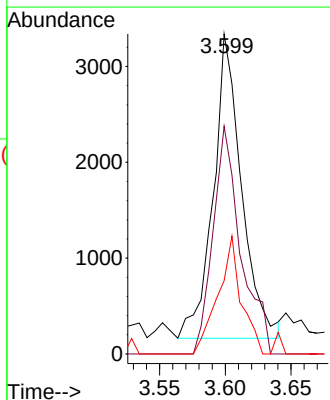
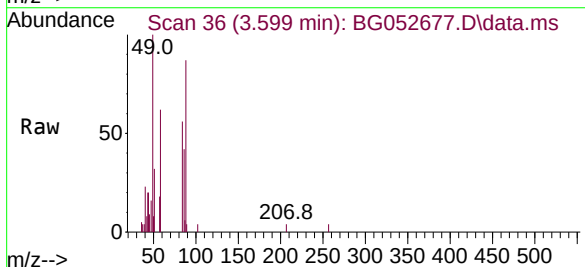
Instrument :  
BNA\_G  
ClientSampleId :  
LOD-MDL-WATER-01-QT1-2022

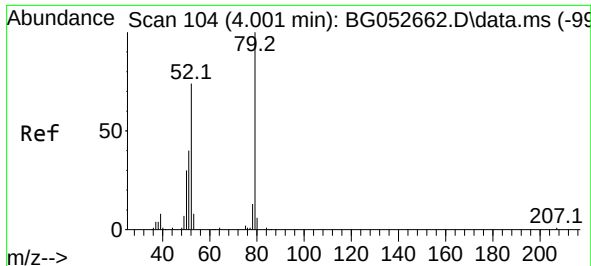
Tgt Ion:152 Resp: 43366  
Ion Ratio Lower Upper  
152 100  
150 143.5 114.6 172.0  
115 49.0 45.9 68.9



#2  
1,4-Dioxane  
Concen: 3.811 ng  
RT: 3.599 min Scan# 36  
Delta R.T. 0.003 min  
Lab File: BG052677.D  
Acq: 16 Mar 2022 14:20

Tgt Ion: 88 Resp: 4747  
Ion Ratio Lower Upper  
88 100  
58 73.4 58.2 87.2  
43 31.9 23.4 35.0

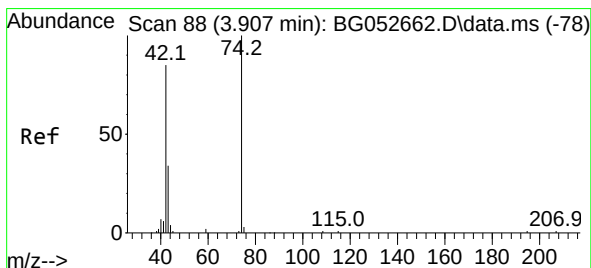
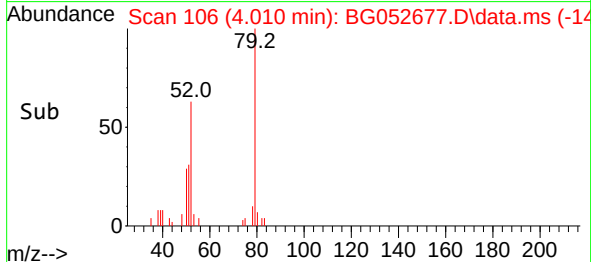
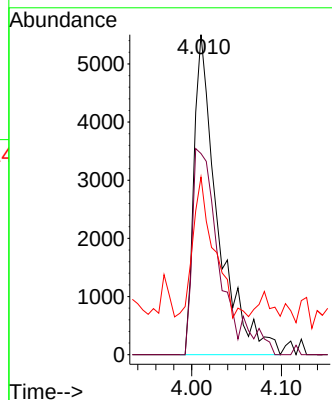
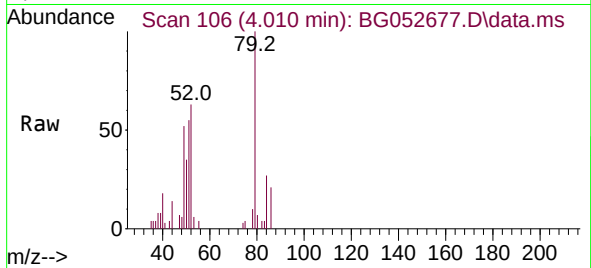




#3  
 Pyridine  
 Concen: 3.173 ng  
 RT: 4.010 min Scan# 106  
 Delta R.T. 0.009 min  
 Lab File: BG052677.D  
 Acq: 16 Mar 2022 14:20

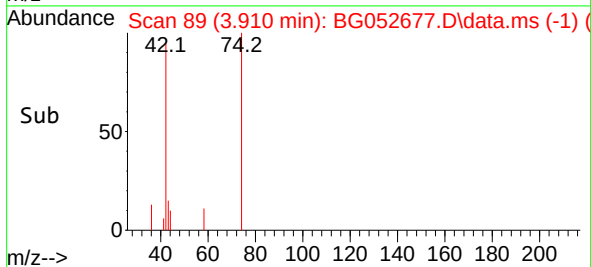
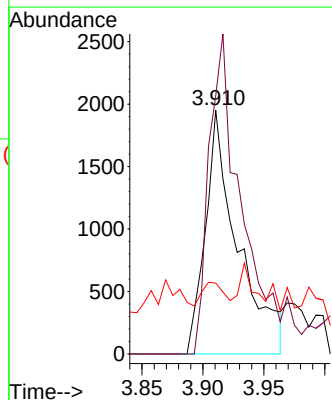
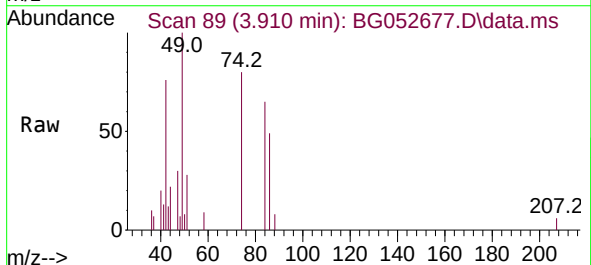
Instrument :  
 BNA\_G  
 ClientSampleId :  
 LOD-MDL-WATER-01-QT1-2022

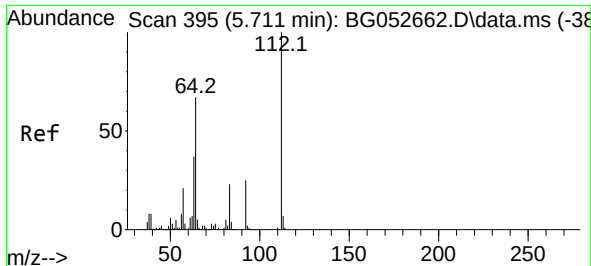
Tgt Ion: 79 Resp: 10133  
 Ion Ratio Lower Upper  
 79 100  
 52 62.9 50.9 76.3  
 51 55.5 24.4 36.6#



#4  
 n-Nitrosodimethylamine  
 Concen: 2.550 ng  
 RT: 3.910 min Scan# 89  
 Delta R.T. 0.003 min  
 Lab File: BG052677.D  
 Acq: 16 Mar 2022 14:20

Tgt Ion: 42 Resp: 3612  
 Ion Ratio Lower Upper  
 42 100  
 74 105.8 108.9 163.3#  
 44 29.0 5.7 8.5#

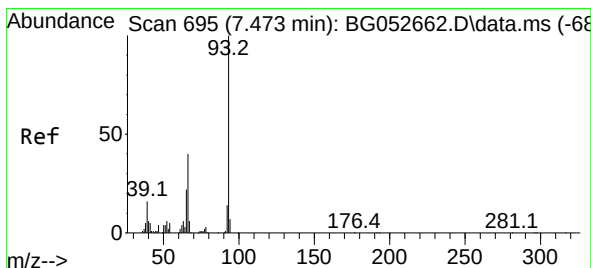
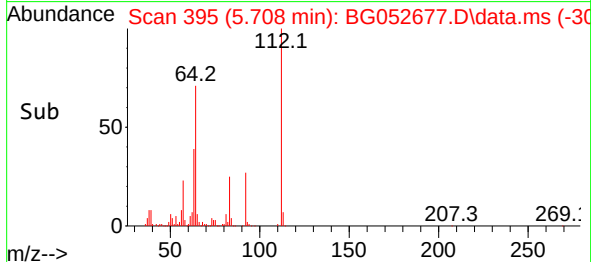
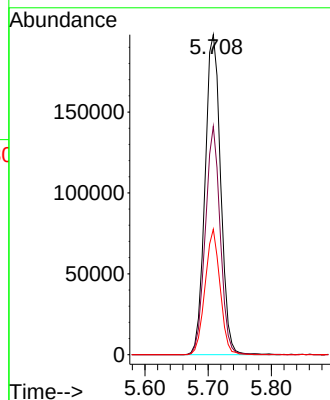
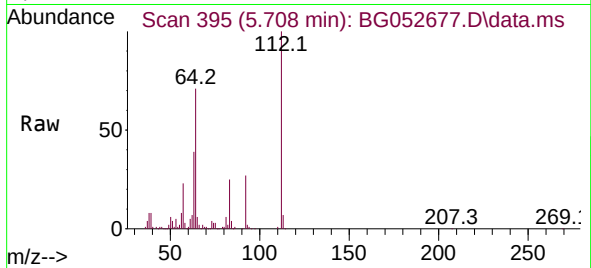




#5  
2-Fluorophenol  
Concen: 136.168 ng  
RT: 5.708 min Scan# 395  
Delta R.T. -0.003 min  
Lab File: BG052677.D  
Acq: 16 Mar 2022 14:20

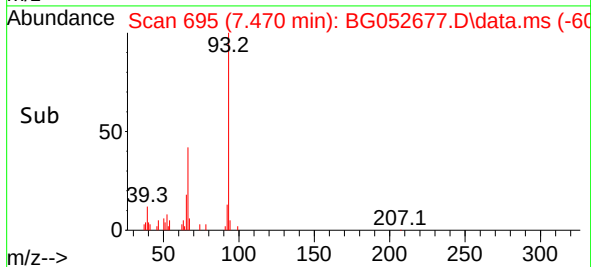
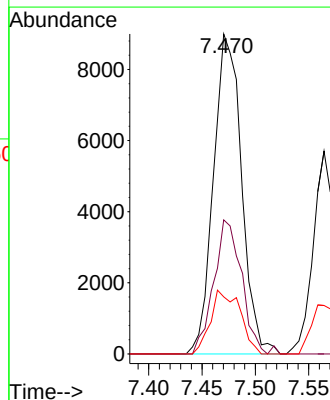
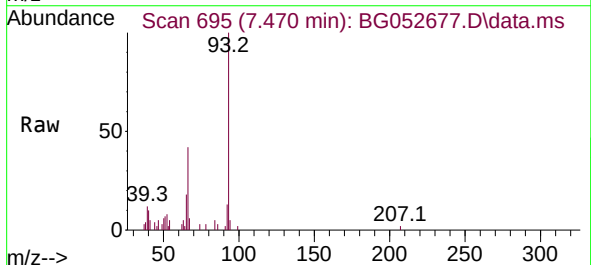
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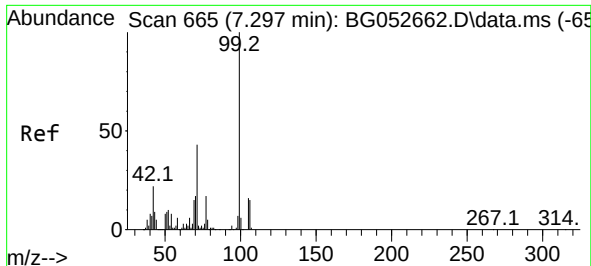
Tgt Ion:112 Resp: 339077  
Ion Ratio Lower Upper  
112 100  
64 71.3 48.0 72.0  
63 39.2 26.5 39.7



#6  
Aniline  
Concen: 3.736 ng  
RT: 7.470 min Scan# 695  
Delta R.T. -0.003 min  
Lab File: BG052677.D  
Acq: 16 Mar 2022 14:20

Tgt Ion: 93 Resp: 16445  
Ion Ratio Lower Upper  
93 100  
66 41.9 31.3 46.9  
65 17.9 16.7 25.1

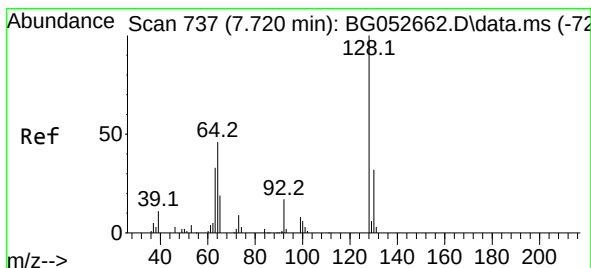
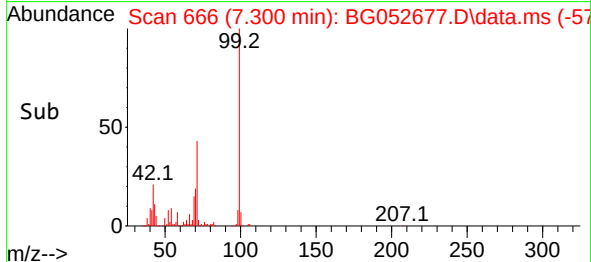
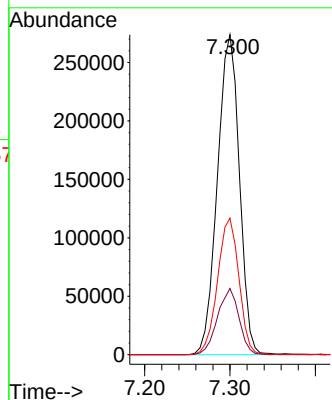
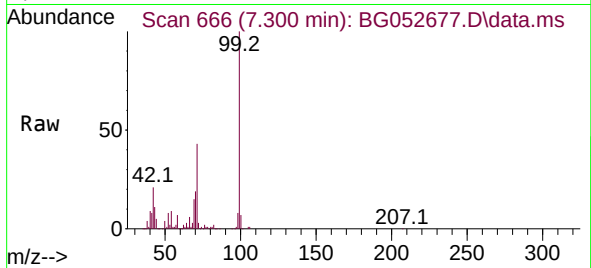




#7  
Phenol-d6  
Concen: 130.452 ng  
RT: 7.300 min Scan# 665  
Delta R.T. 0.003 min  
Lab File: BG052677.D  
Acq: 16 Mar 2022 14:20

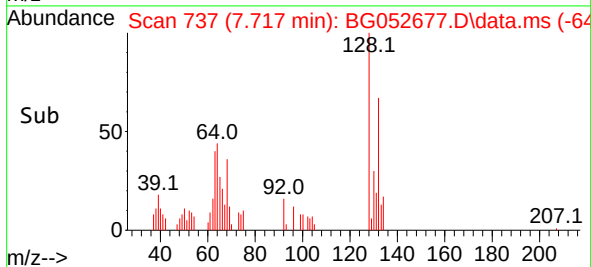
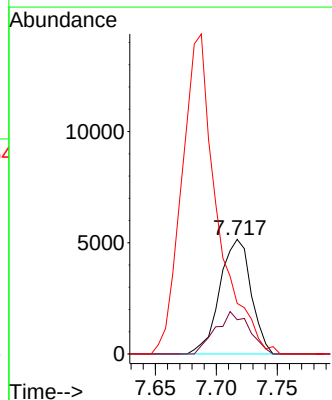
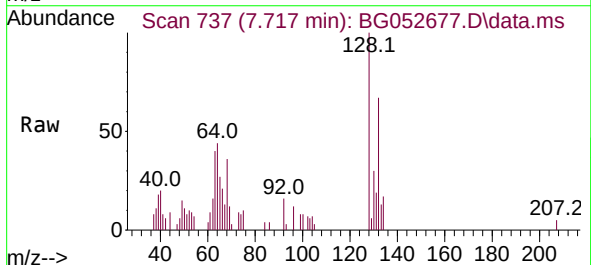
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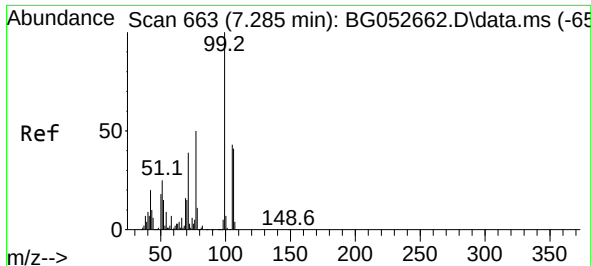
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Ion Ratio Lower Upper  
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42 20.7 14.7 22.1  
71 42.7 29.2 43.8



#8  
2-Chlorophenol  
Concen: 3.523 ng  
RT: 7.717 min Scan# 737  
Delta R.T. -0.003 min  
Lab File: BG052677.D  
Acq: 16 Mar 2022 14:20

Tgt Ion: 128 Resp: 9217  
Ion Ratio Lower Upper  
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64 44.1 30.9 70.9

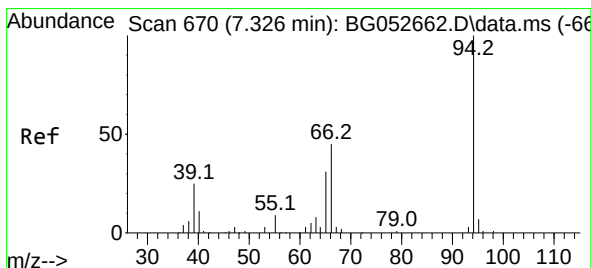
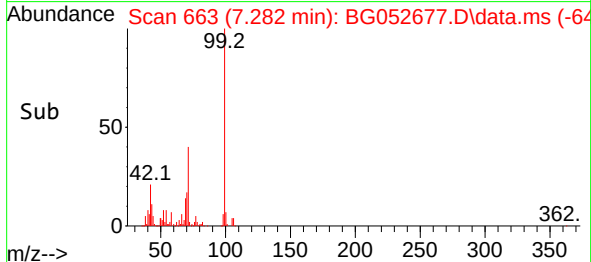
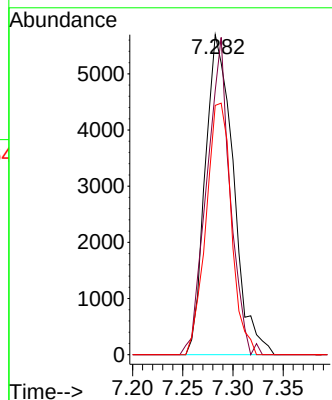
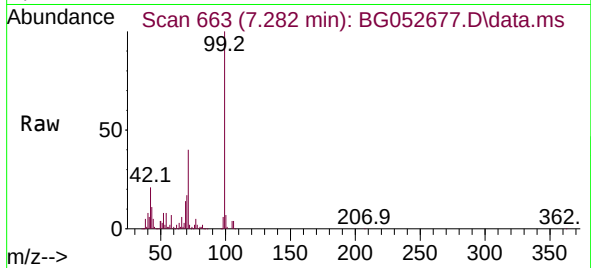




#9  
Benzaldehyde  
Concen: 4.812 ng  
RT: 7.282 min Scan# 610  
Delta R.T. -0.003 min  
Lab File: BG052677.D  
Acq: 16 Mar 2022 14:20

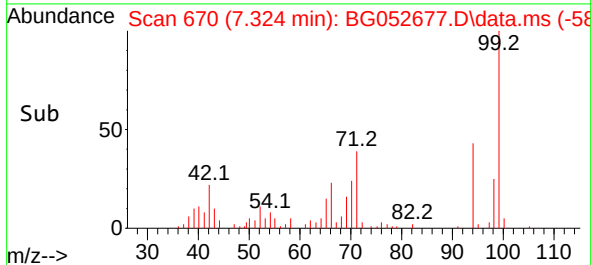
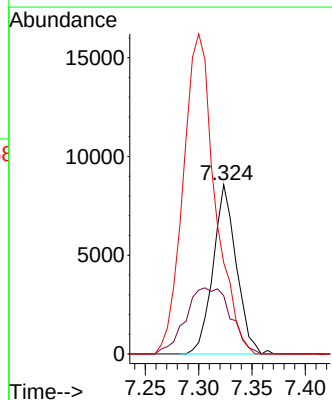
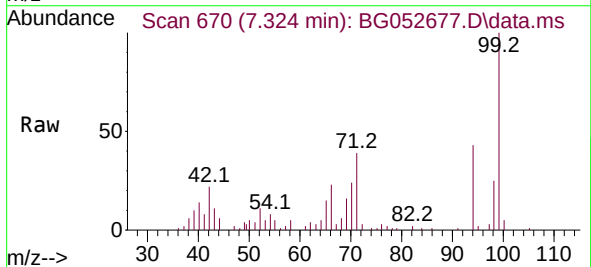
Instrument : BNA\_G  
ClientSampleId : LOD-MDL-WATER-01-QT1-2022

Tgt Ion: 77 Resp: 11095  
Ion Ratio Lower Upper  
77 100  
105 82.6 70.6 110.6  
106 77.9 67.6 107.6

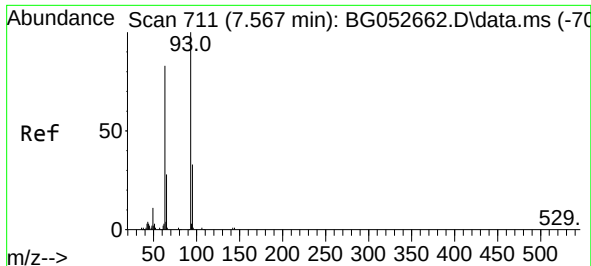


#10  
Phenol  
Concen: 3.499 ng  
RT: 7.324 min Scan# 670  
Delta R.T. -0.003 min  
Lab File: BG052677.D  
Acq: 16 Mar 2022 14:20

Tgt Ion: 94 Resp: 12968  
Ion Ratio Lower Upper  
94 100  
65 34.4 11.1 51.1  
66 53.9 20.0 60.0



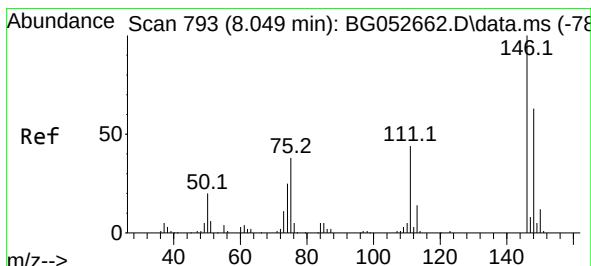
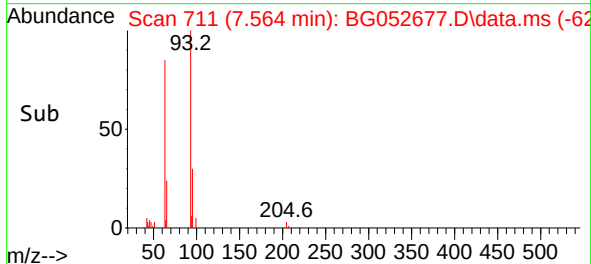
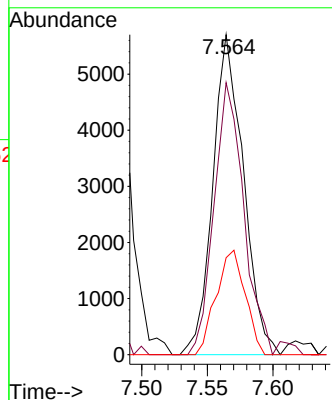
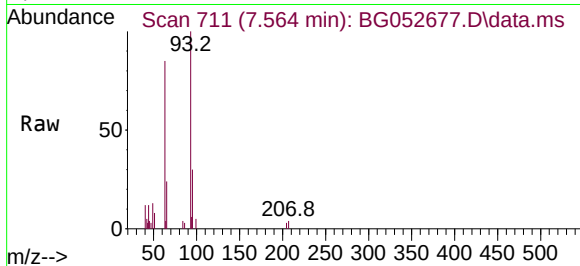




#11  
bis(2-Chloroethyl)ether  
Concen: 3.305 ng  
RT: 7.564 min Scan# 711  
Delta R.T. -0.003 min  
Lab File: BG052677.D  
Acq: 16 Mar 2022 14:20

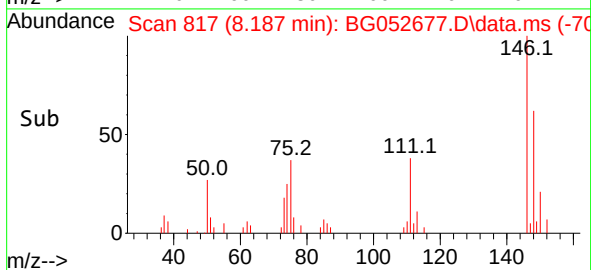
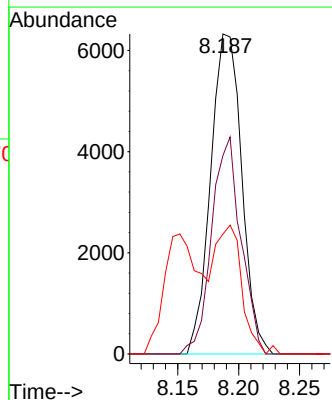
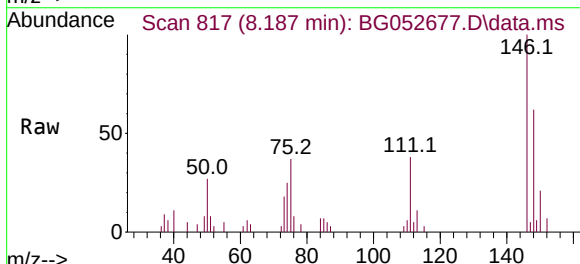
Instrument :  
BNA\_G  
ClientSampleId :  
LOD-MDL-WATER-01-QT1-2022

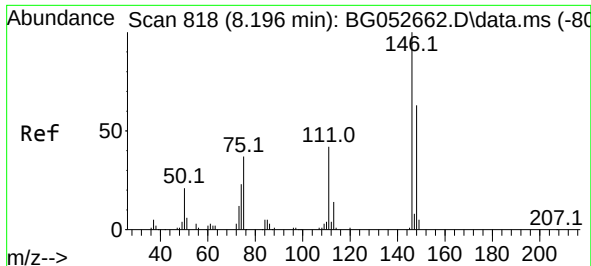
|             |       |             |
|-------------|-------|-------------|
| Tgt Ion: 93 | Resp: | 9249        |
| Ion         | Ratio | Lower Upper |
| 93          | 100   |             |
| 63          | 85.0  | 56.9 96.9   |
| 95          | 30.3  | 14.5 54.5   |



#12  
1,3-Dichlorobenzene  
Concen: 3.568 ng  
RT: 8.187 min Scan# 817  
Delta R.T. 0.138 min  
Lab File: BG052677.D  
Acq: 16 Mar 2022 14:20

|              |       |             |
|--------------|-------|-------------|
| Tgt Ion: 146 | Resp: | 11242       |
| Ion          | Ratio | Lower Upper |
| 146          | 100   |             |
| 148          | 62.0  | 50.6 76.0   |
| 75           | 37.5  | 25.9 38.9   |





#13

1,4-Dichlorobenzene

Concen: 3.552 ng

RT: 8.187 min Scan# 81

Delta R.T. -0.009 min

Lab File: BG052677.D

Acq: 16 Mar 2022 14:20

Instrument :

BNA\_G

ClientSampleId :

LOD-MDL-WATER-01-QT1-2022

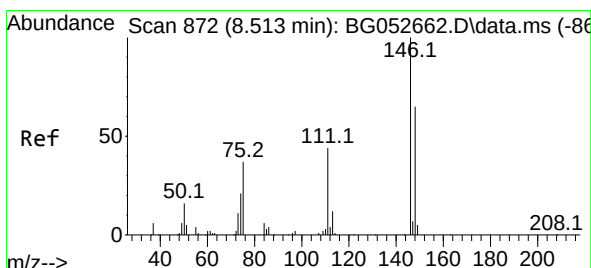
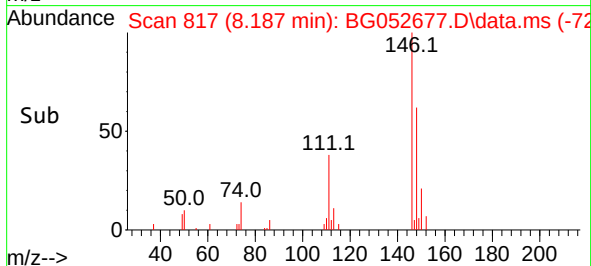
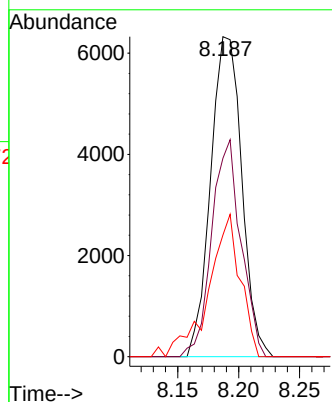
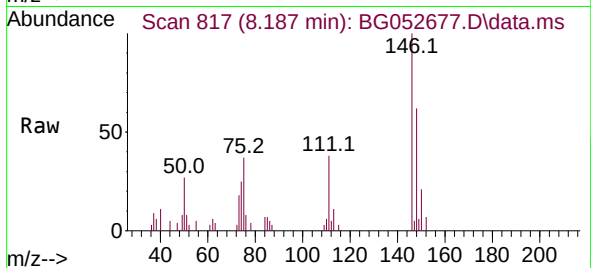
Tgt Ion:146 Resp: 11242

Ion Ratio Lower Upper

146 100

148 62.0 50.0 75.0

111 38.0 31.0 46.4



#14

1,2-Dichlorobenzene

Concen: 3.386 ng

RT: 8.510 min Scan# 872

Delta R.T. -0.003 min

Lab File: BG052677.D

Acq: 16 Mar 2022 14:20

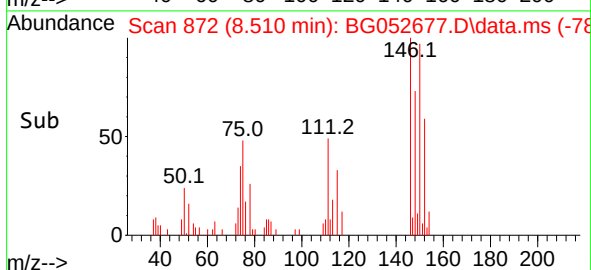
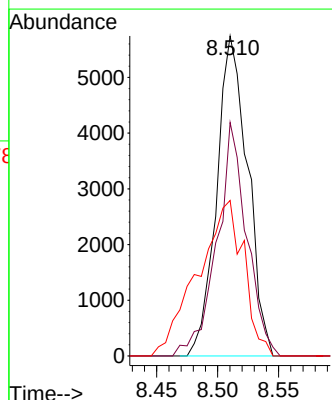
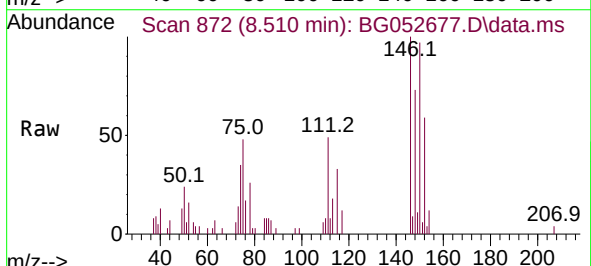
Tgt Ion:146 Resp: 10135

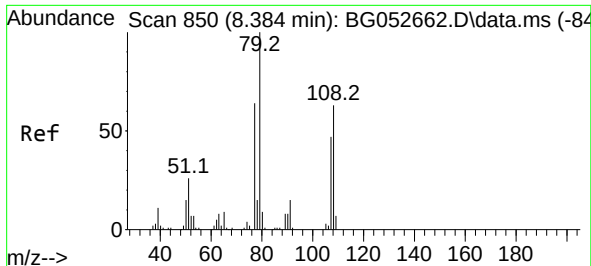
Ion Ratio Lower Upper

146 100

148 72.9 51.0 76.6

111 48.6 34.7 52.1

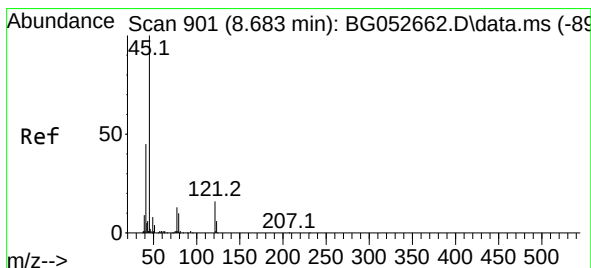
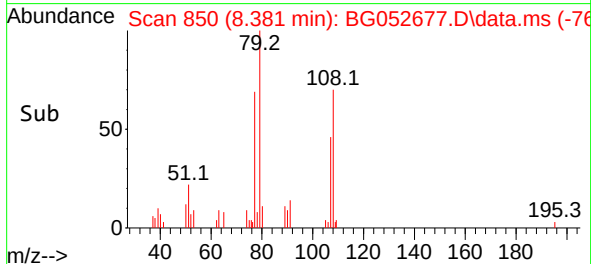
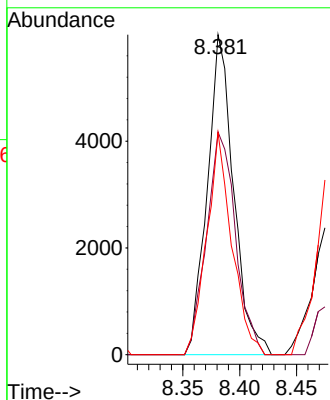
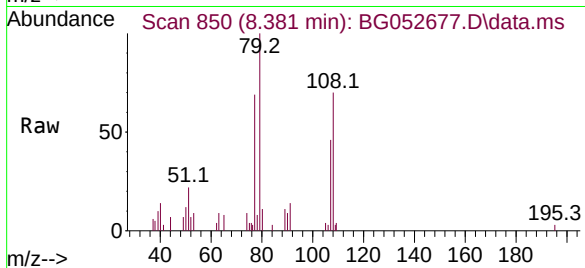




#15  
Benzyl Alcohol  
Concen: 3.061 ng  
RT: 8.381 min Scan# 850  
Delta R.T. -0.003 min  
Lab File: BG052677.D  
Acq: 16 Mar 2022 14:20

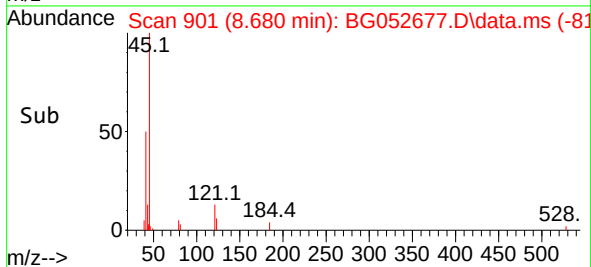
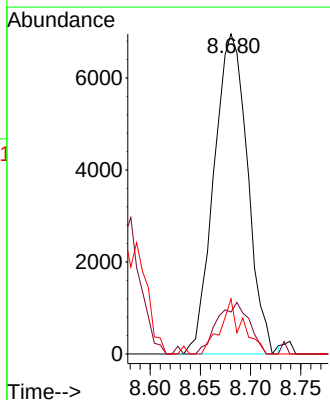
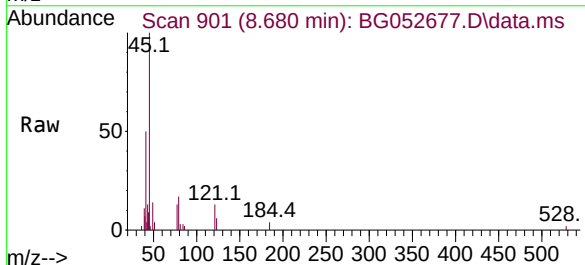
Instrument :  
BNA\_G  
ClientSampleId :  
LOD-MDL-WATER-01-QT1-2022

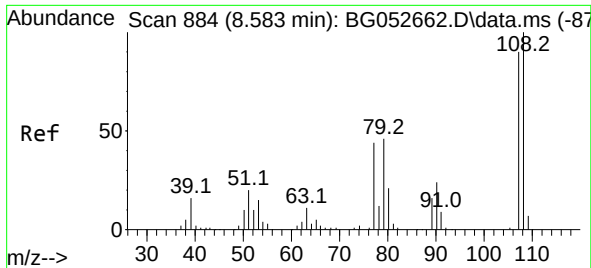
Tgt Ion: 79 Resp: 9677  
Ion Ratio Lower Upper  
79 100  
108 69.6 55.1 82.7  
77 69.3 52.4 78.6



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 3.329 ng  
RT: 8.680 min Scan# 901  
Delta R.T. -0.003 min  
Lab File: BG052677.D  
Acq: 16 Mar 2022 14:20

Tgt Ion: 45 Resp: 16226  
Ion Ratio Lower Upper  
45 100  
77 13.1 0.0 34.9  
79 17.2 0.0 30.7

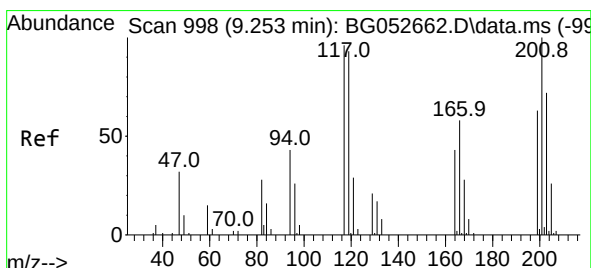
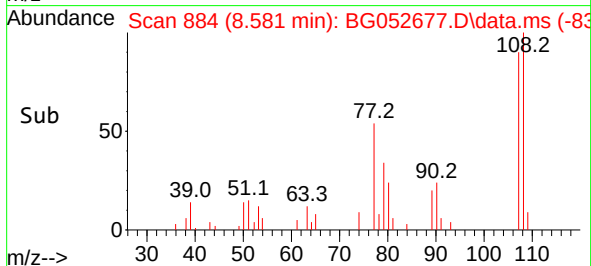
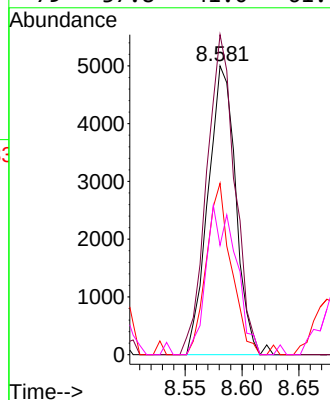
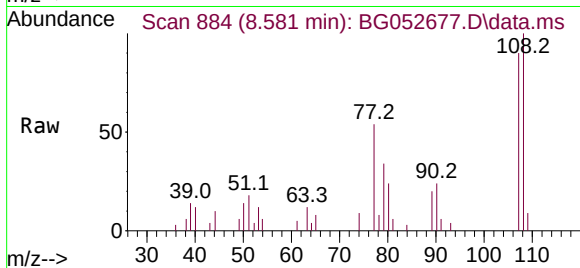




#17  
2-Methylphenol  
Concen: 3.426 ng  
RT: 8.581 min Scan# 81  
Delta R.T. -0.003 min  
Lab File: BG052677.D  
Acq: 16 Mar 2022 14:20

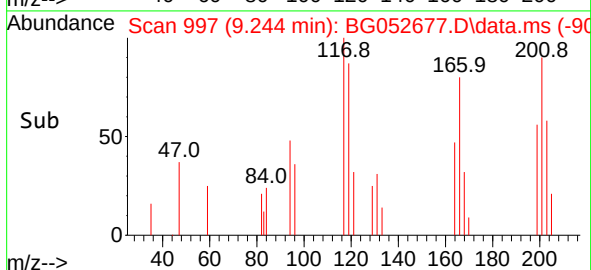
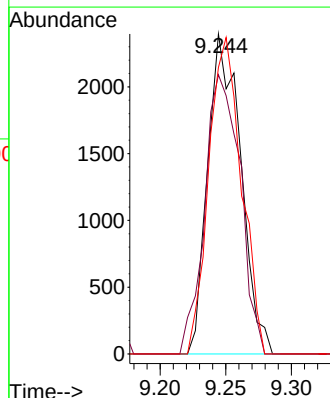
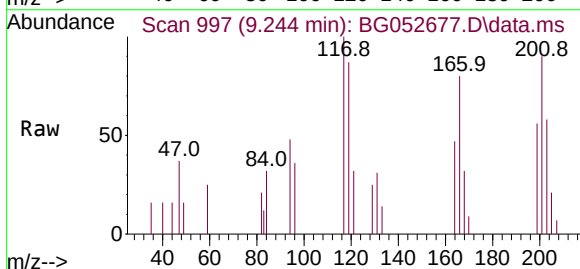
Instrument :  
BNA\_G  
ClientSampleId :  
LOD-MDL-WATER-01-QT1-2022

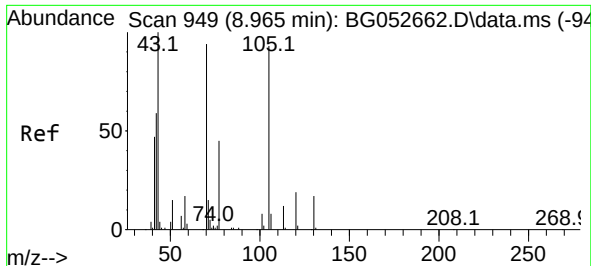
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 107   | Resp: | 8463  |
| Ion      | Ratio | Lower | Upper |
| 107      | 100   |       |       |
| 108      | 110.8 | 91.5  | 137.3 |
| 77       | 59.3  | 42.5  | 63.7  |
| 79       | 37.8  | 41.0  | 61.4  |



#18  
Hexachloroethane  
Concen: 3.596 ng  
RT: 9.244 min Scan# 997  
Delta R.T. -0.009 min  
Lab File: BG052677.D  
Acq: 16 Mar 2022 14:20

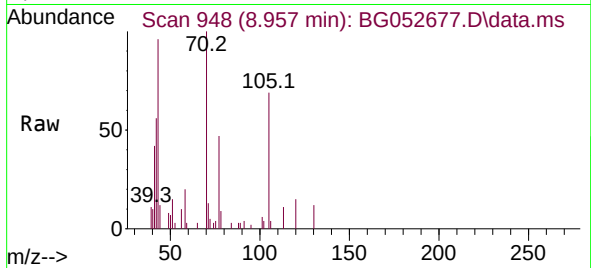
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 4176  |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 87.3  | 75.1  | 112.7 |
| 201      | 89.6  | 96.6  | 145.0 |



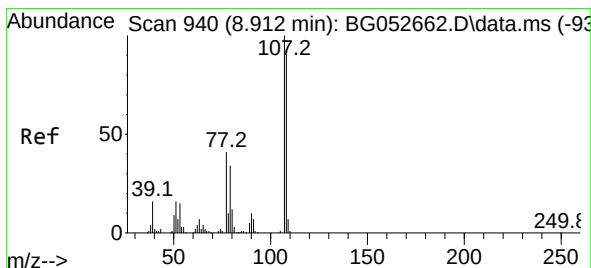
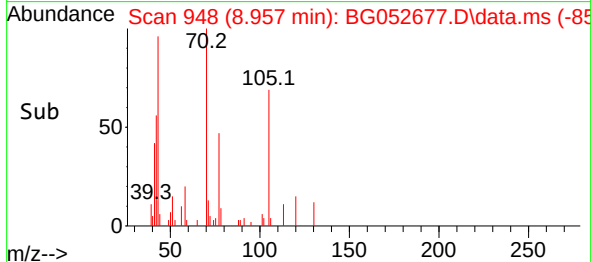
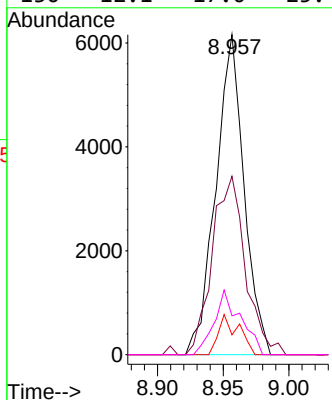


#19  
n-Nitroso-di-n-propylamine  
Concen: 3.469 ng  
RT: 8.957 min Scan# 949  
Delta R.T. -0.009 min  
Lab File: BG052677.D  
Acq: 16 Mar 2022 14:20

Instrument :  
BNA\_G  
ClientSampleId :  
LOD-MDL-WATER-01-QT1-2022

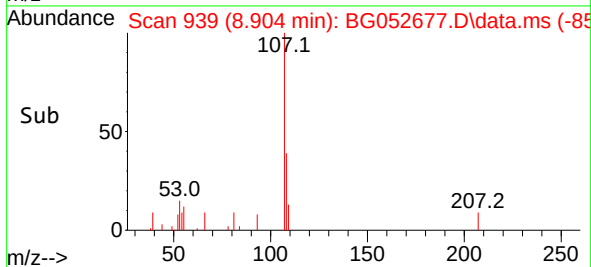
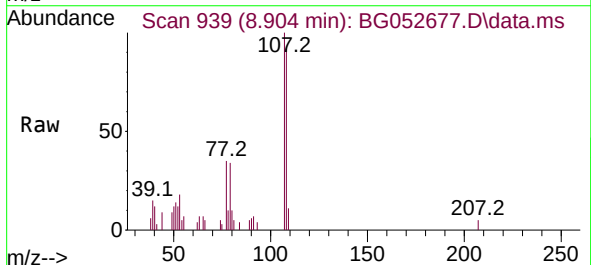
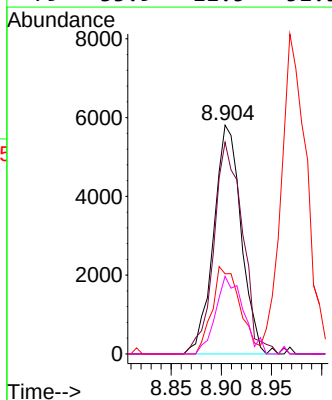


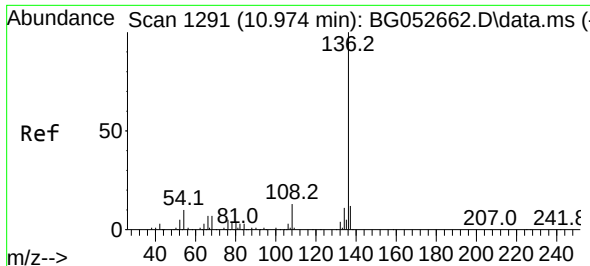
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 70    | Resp: | 9224  |
| Ion      | Ratio | Lower | Upper |
| 70       | 100   |       |       |
| 42       | 55.8  | 46.0  | 69.0  |
| 101      | 6.2   | 6.2   | 9.4#  |
| 130      | 12.1  | 17.0  | 25.4# |



#20  
3+4-Methylphenols  
Concen: 3.204 ng  
RT: 8.904 min Scan# 939  
Delta R.T. -0.009 min  
Lab File: BG052677.D  
Acq: 16 Mar 2022 14:20

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 107   | Resp: | 11078 |
| Ion      | Ratio | Lower | Upper |
| 107      | 100   |       |       |
| 108      | 92.5  | 64.8  | 104.8 |
| 77       | 35.0  | 15.9  | 55.9  |
| 79       | 33.9  | 11.5  | 51.5  |

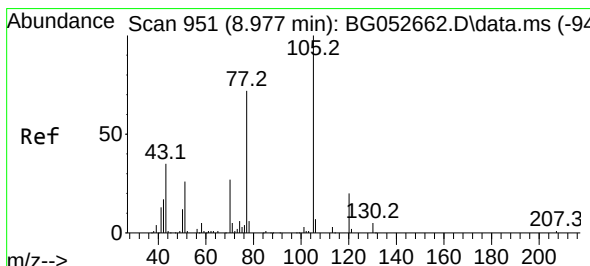
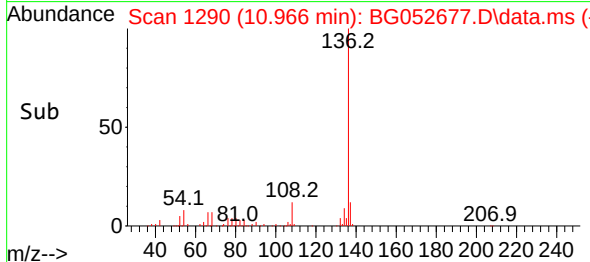
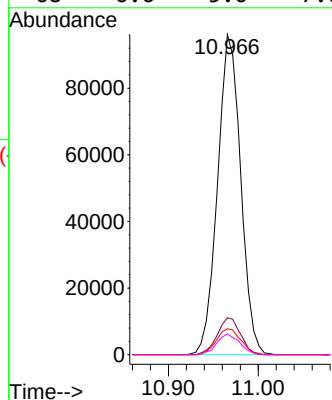
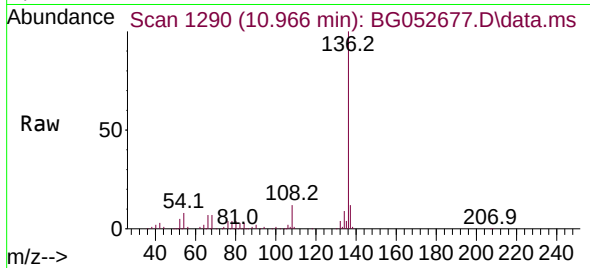




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.966 min Scan# 11  
Delta R.T. -0.008 min  
Lab File: BG052677.D  
Acq: 16 Mar 2022 14:20

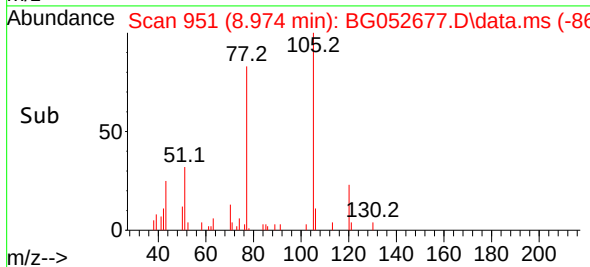
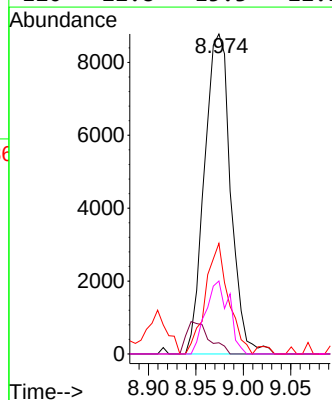
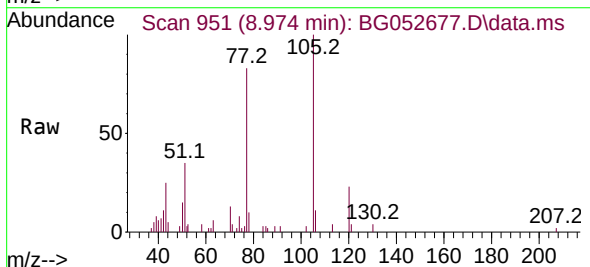
Instrument :  
BNA\_G  
ClientSampleId :  
LOD-MDL-WATER-01-QT1-2022

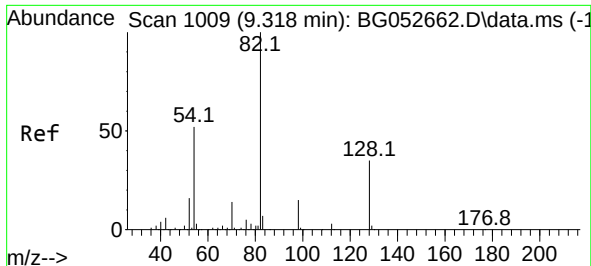
|             |              |
|-------------|--------------|
| Tgt Ion:136 | Resp: 171857 |
| Ion Ratio   | Lower Upper  |
| 136 100     |              |
| 137 11.5    | 9.4 14.2     |
| 54 8.1      | 6.4 9.6      |
| 68 6.6      | 5.0 7.6      |



#22  
Acetophenone  
Concen: 3.797 ng  
RT: 8.974 min Scan# 951  
Delta R.T. -0.003 min  
Lab File: BG052677.D  
Acq: 16 Mar 2022 14:20

|     |         |       |       |
|-----|---------|-------|-------|
| Tgt | Ion:105 | Resp: | 16885 |
| Ion | Ratio   | Lower | Upper |
| 105 | 100     |       |       |
| 71  | 3.5     | 2.1   | 3.1#  |
| 51  | 34.6    | 21.9  | 32.9# |
| 120 | 22.8    | 15.3  | 22.9  |





#23

Nitrobenzene-d5

Concen: 80.294 ng

RT: 9.315 min Scan# 1009

Delta R.T. -0.003 min

Lab File: BG052677.D

Acq: 16 Mar 2022 14:20

Instrument :

BNA\_G

ClientSampleId :

LOD-MDL-WATER-01-QT1-2022

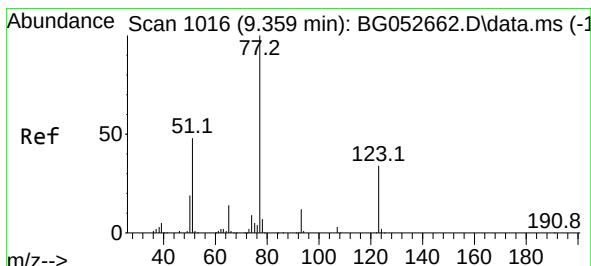
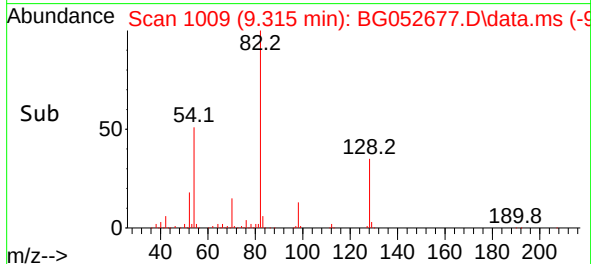
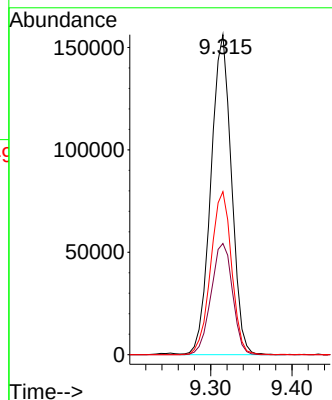
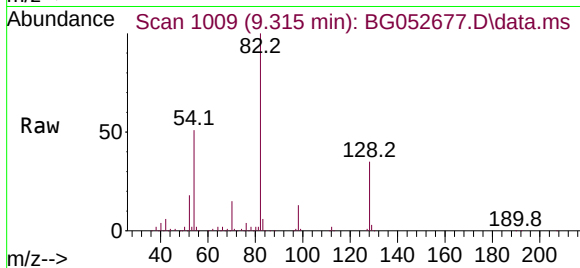
Tgt Ion: 82 Resp: 274934

Ion Ratio Lower Upper

82 100

128 34.8 31.3 46.9

54 51.0 37.8 56.8



#24

Nitrobenzene

Concen: 3.860 ng

RT: 9.356 min Scan# 1016

Delta R.T. -0.003 min

Lab File: BG052677.D

Acq: 16 Mar 2022 14:20

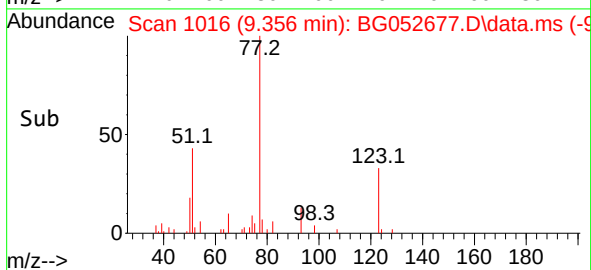
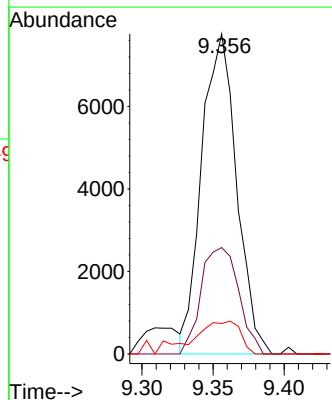
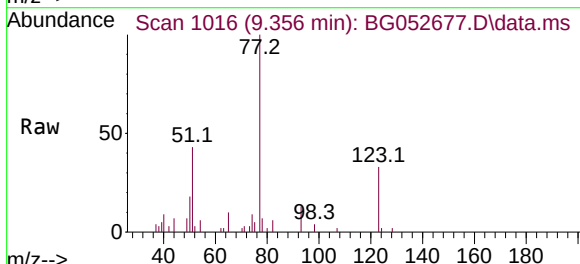
Tgt Ion: 77 Resp: 13223

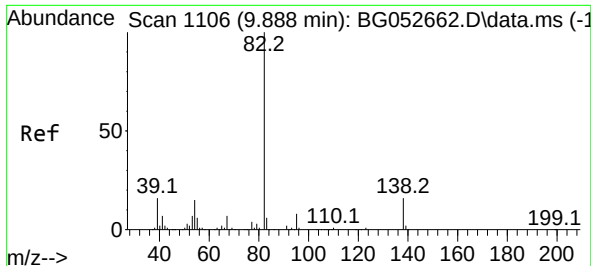
Ion Ratio Lower Upper

77 100

123 33.2 34.4 51.6#

65 9.5 11.2 16.8#

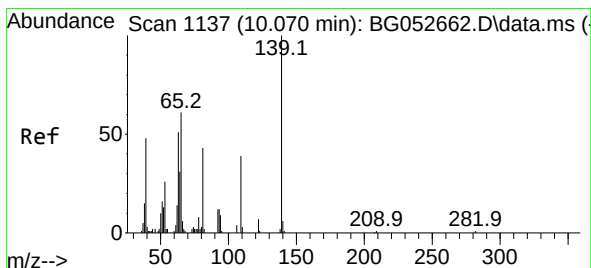
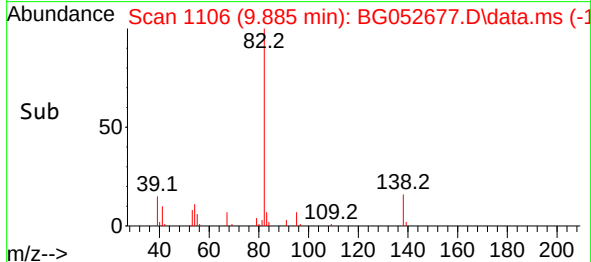
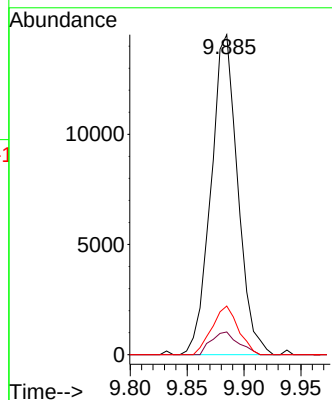
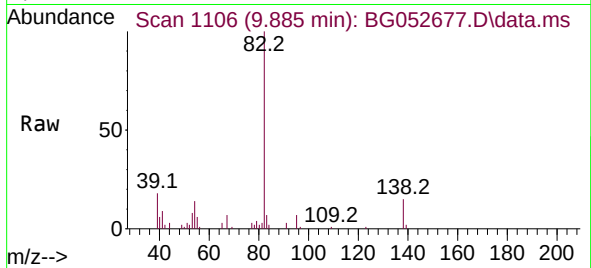




#25  
Isophorone  
Concen: 3.584 ng  
RT: 9.885 min Scan# 1106  
Delta R.T. -0.003 min  
Lab File: BG052677.D  
Acq: 16 Mar 2022 14:20

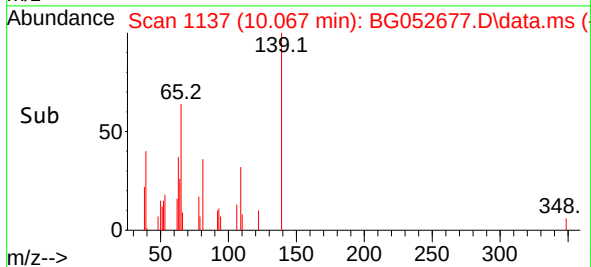
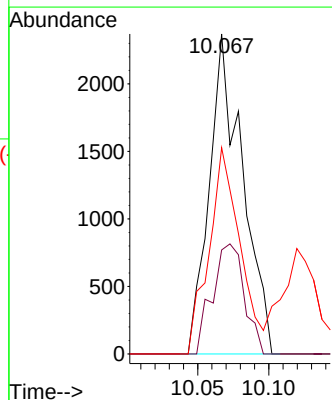
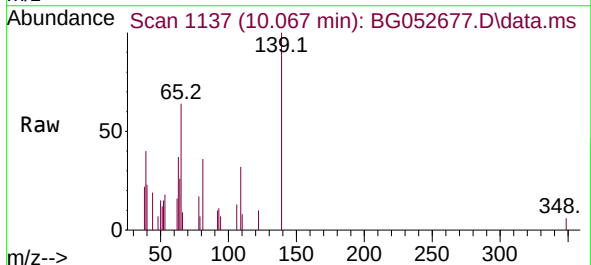
Instrument :  
BNA\_G  
ClientSampleId :  
LOD-MDL-WATER-01-QT1-2022

Tgt Ion: 82 Resp: 23761  
Ion Ratio Lower Upper  
82 100  
95 7.1 5.8 8.6  
138 15.2 12.6 18.8

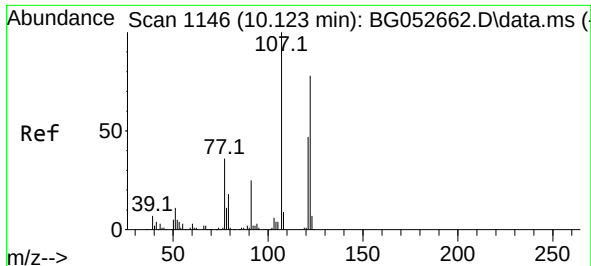


#26  
2-Nitrophenol  
Concen: 3.229 ng  
RT: 10.067 min Scan# 1137  
Delta R.T. -0.003 min  
Lab File: BG052677.D  
Acq: 16 Mar 2022 14:20

Tgt Ion:139 Resp: 3842  
Ion Ratio Lower Upper  
139 100  
109 32.5 29.4 44.0  
65 64.4 48.2 72.2







#27

2,4-Dimethylphenol

Concen: 4.076 ng

RT: 10.120 min Scan# 1146

Delta R.T. -0.003 min

Lab File: BG052677.D

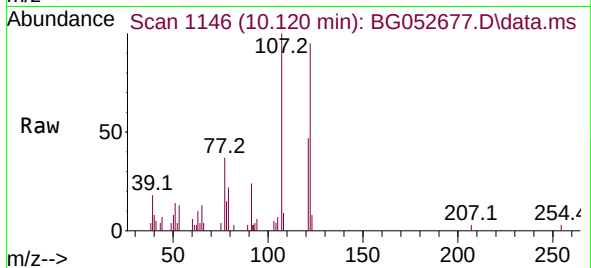
Acq: 16 Mar 2022 14:20

Instrument :

BNA\_G

ClientSampleId :

LOD-MDL-WATER-01-QT1-2022



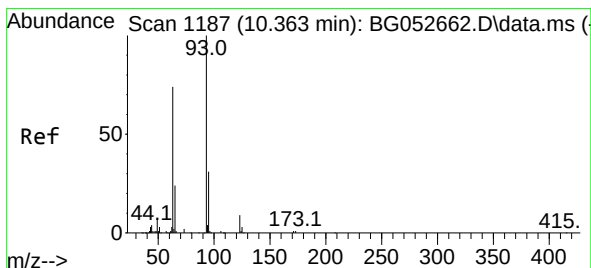
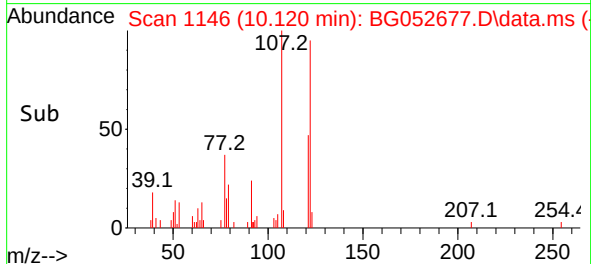
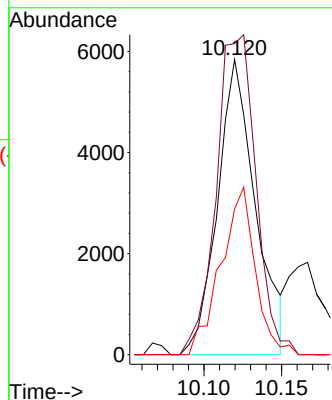
Tgt Ion:122 Resp: 9921

Ion Ratio Lower Upper

122 100

107 105.4 96.7 145.1

121 49.4 46.3 69.5



#28

bis(2-Chloroethoxy)methane

Concen: 3.361 ng

RT: 10.361 min Scan# 1187

Delta R.T. -0.003 min

Lab File: BG052677.D

Acq: 16 Mar 2022 14:20

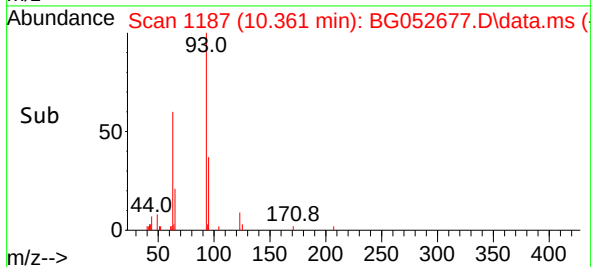
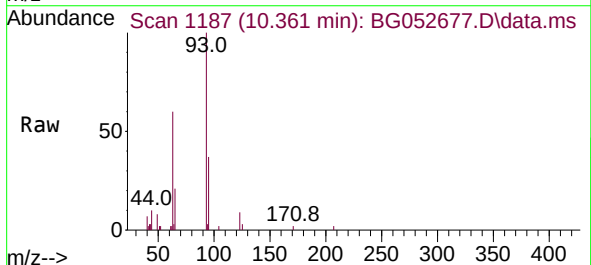
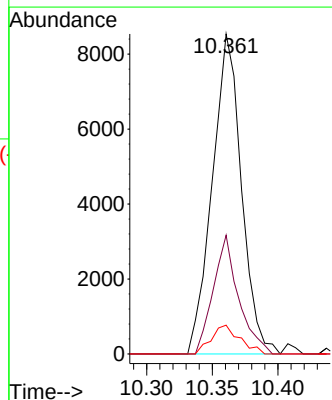
Tgt Ion: 93 Resp: 13175

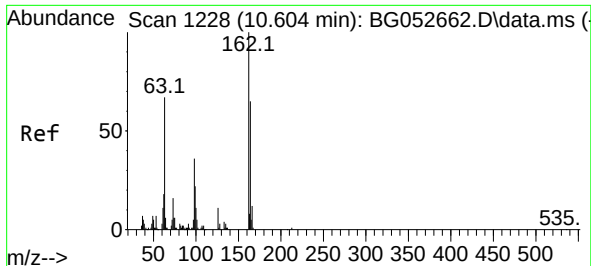
Ion Ratio Lower Upper

93 100

95 37.1 26.5 39.7

123 9.0 8.6 12.8





#29

2,4-Dichlorophenol

Concen: 3.310 ng

RT: 10.607 min Scan# 1228

Delta R.T. 0.003 min

Lab File: BG052677.D

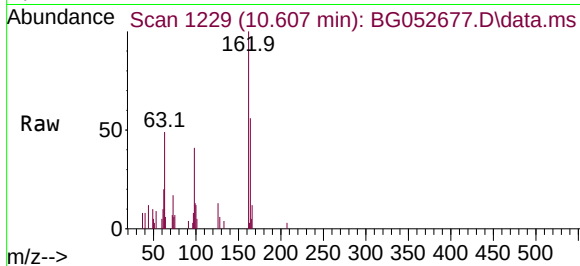
Acq: 16 Mar 2022 14:20

Instrument :

BNA\_G

ClientSampleId :

LOD-MDL-WATER-01-QT1-2022



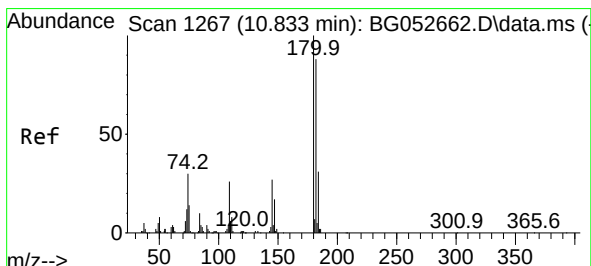
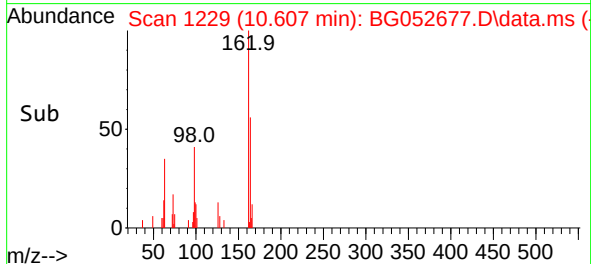
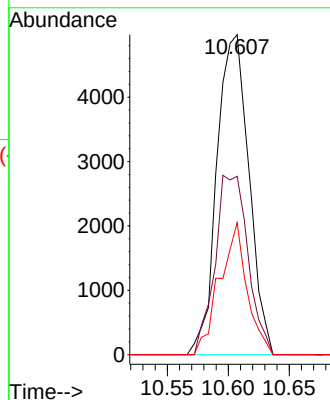
Tgt Ion:162 Resp: 9067

Ion Ratio Lower Upper

162 100

164 55.8 44.0 84.0

98 41.2 17.3 57.3



#30

1,2,4-Trichlorobenzene

Concen: 3.634 ng

RT: 10.825 min Scan# 1266

Delta R.T. -0.009 min

Lab File: BG052677.D

Acq: 16 Mar 2022 14:20

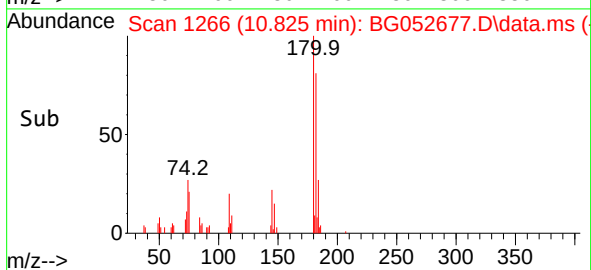
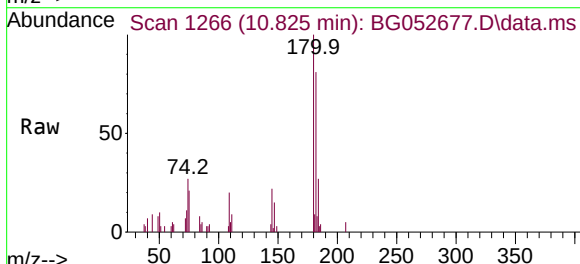
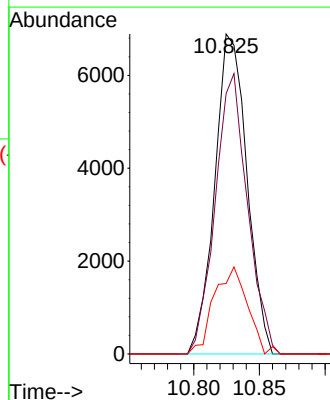
Tgt Ion:180 Resp: 11743

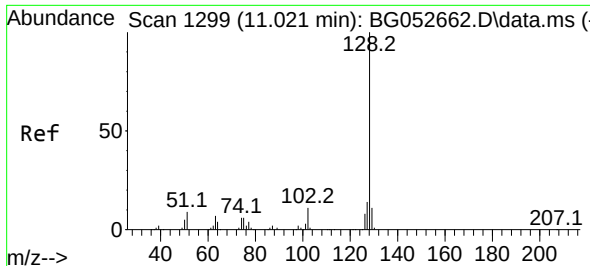
Ion Ratio Lower Upper

180 100

182 81.4 77.8 116.6

145 22.0 24.4 36.6#

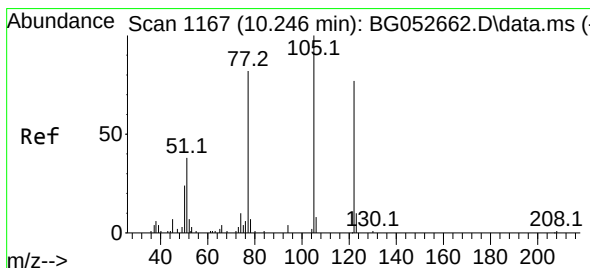
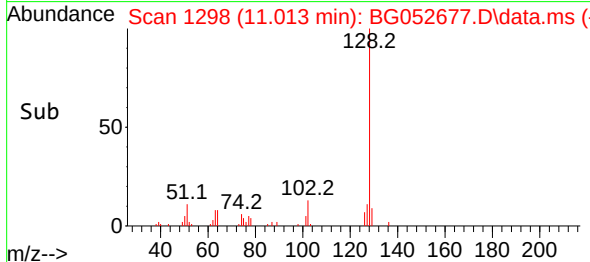
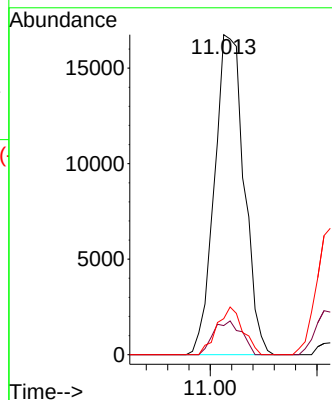
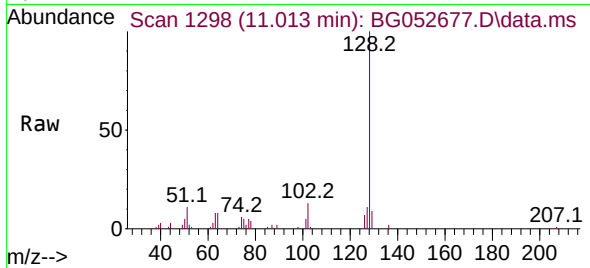




#31  
Naphthalene  
Concen: 3.632 ng  
RT: 11.013 min Scan# 11  
Delta R.T. -0.009 min  
Lab File: BG052677.D  
Acq: 16 Mar 2022 14:20

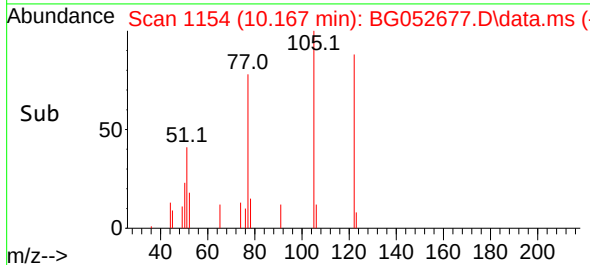
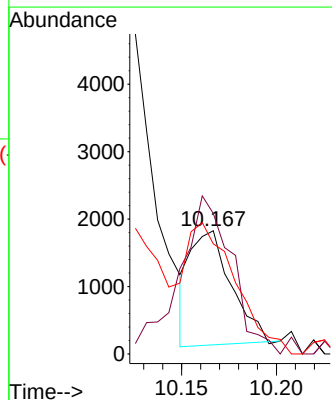
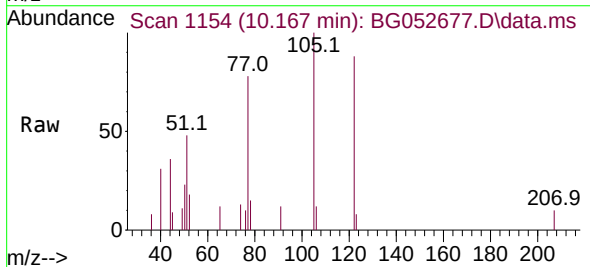
Instrument :  
BNA\_G  
ClientSampleId :  
LOD-MDL-WATER-01-QT1-2022

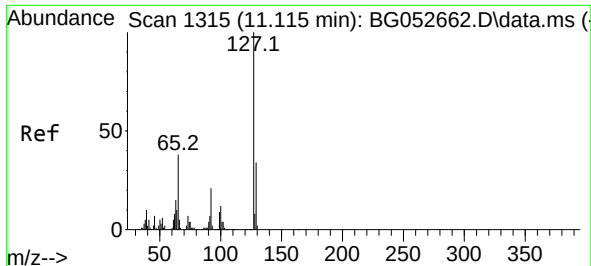
Tgt Ion:128 Resp: 32277  
Ion Ratio Lower Upper  
128 100  
129 9.1 8.8 13.2  
127 11.3 10.5 15.7



#32  
Benzoic acid  
Concen: 1.566 ng  
RT: 10.167 min Scan# 1154  
Delta R.T. -0.079 min  
Lab File: BG052677.D  
Acq: 16 Mar 2022 14:20

Tgt Ion:122 Resp: 2562  
Ion Ratio Lower Upper  
122 100  
105 114.1 112.8 152.8  
77 89.3 78.4 118.4

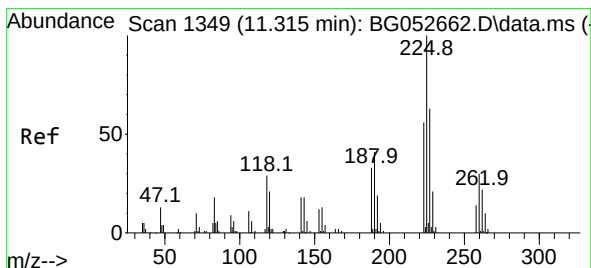
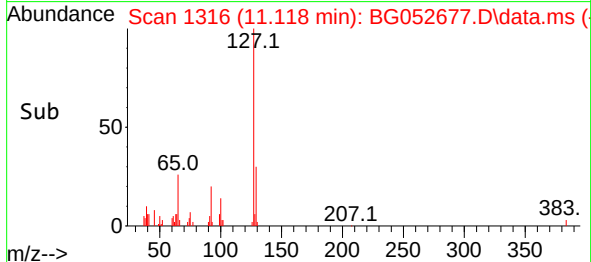
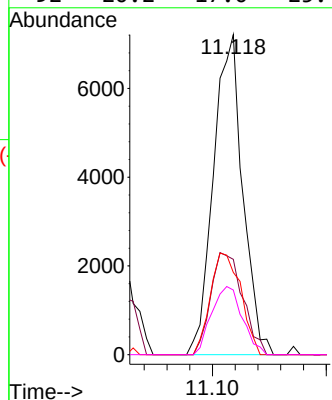
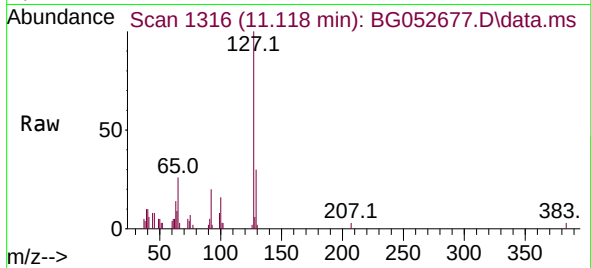




#33  
4-Chloroaniline  
Concen: 3.421 ng  
RT: 11.118 min Scan# 11  
Delta R.T. 0.003 min  
Lab File: BG052677.D  
Acq: 16 Mar 2022 14:20

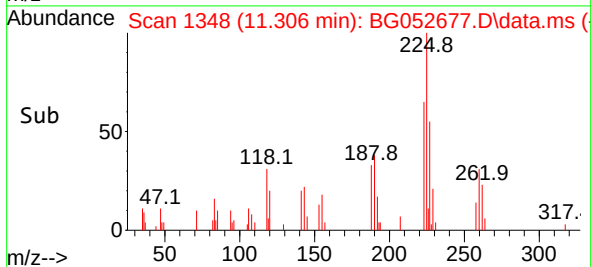
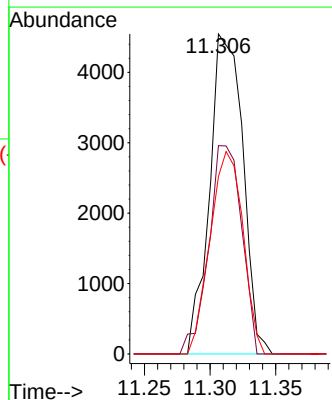
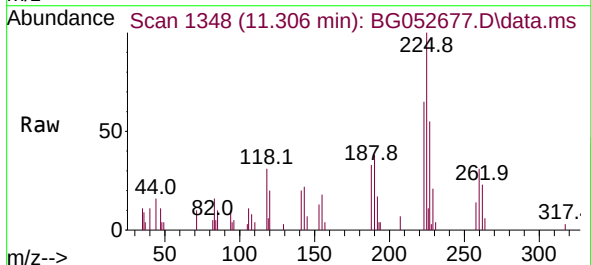
Instrument :  
BNA\_G  
ClientSampleId :  
LOD-MDL-WATER-01-QT1-2022

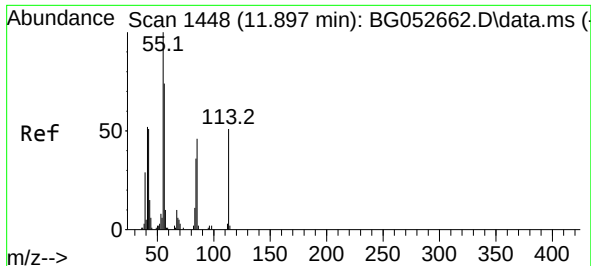
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 127   | Resp: | 12887 |
| Ion Ratio | Lower | Upper |       |
| 127       | 100   |       |       |
| 129       | 29.8  | 27.6  | 41.4  |
| 65        | 25.7  | 28.2  | 42.4# |
| 92        | 20.2  | 17.0  | 25.4  |



#34  
Hexachlorobutadiene  
Concen: 3.463 ng  
RT: 11.306 min Scan# 1348  
Delta R.T. -0.009 min  
Lab File: BG052677.D  
Acq: 16 Mar 2022 14:20

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 225   | Resp: | 8023 |
| Ion Ratio | Lower | Upper |      |
| 225       | 100   |       |      |
| 223       | 65.1  | 50.2  | 75.2 |
| 227       | 55.4  | 52.0  | 78.0 |

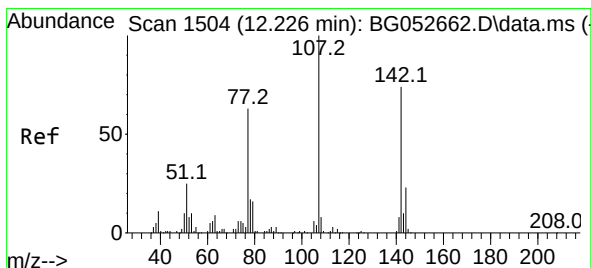
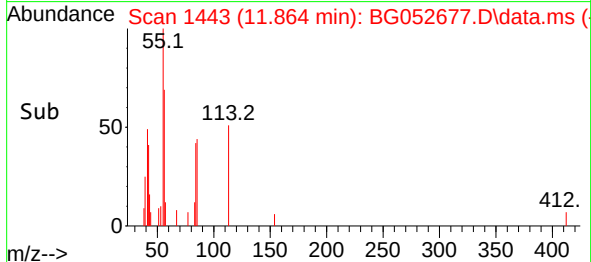
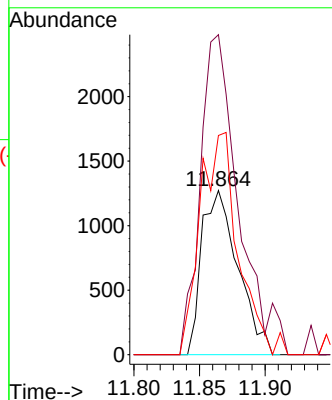
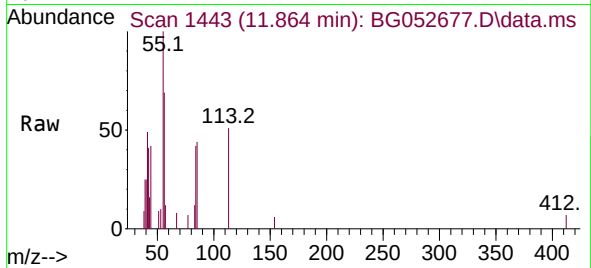




#35  
Caprolactam  
Concen: 3.268 ng  
RT: 11.864 min Scan# 14  
Delta R.T. -0.032 min  
Lab File: BG052677.D  
Acq: 16 Mar 2022 14:20

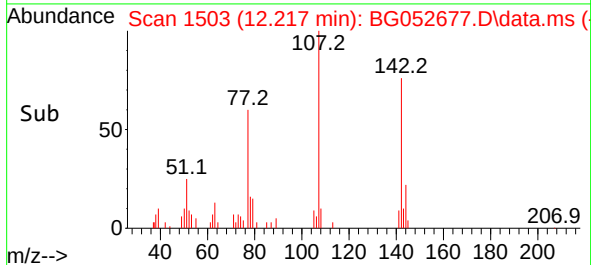
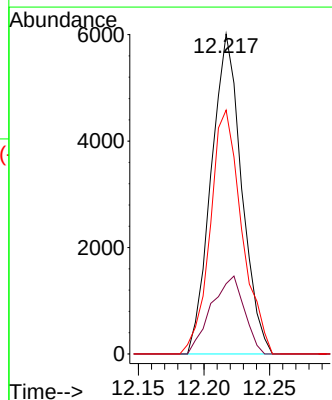
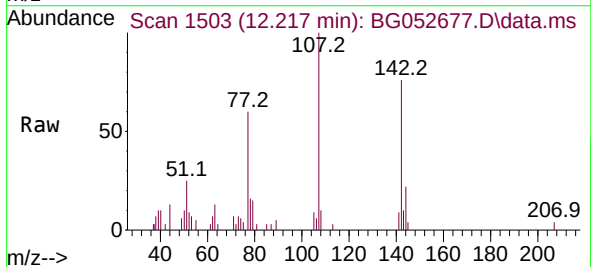
Instrument :  
BNA\_G  
ClientSampleId :  
LOD-MDL-WATER-01-QT1-2022

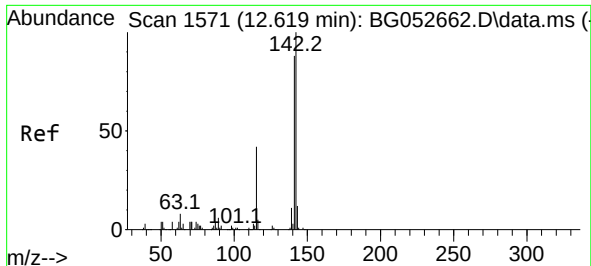
Tgt Ion:113 Resp: 2444  
Ion Ratio Lower Upper  
113 100  
55 194.8 151.3 191.3#  
56 133.5 128.5 168.5



#36  
4-Chloro-3-methylphenol  
Concen: 3.046 ng  
RT: 12.217 min Scan# 1503  
Delta R.T. -0.009 min  
Lab File: BG052677.D  
Acq: 16 Mar 2022 14:20

Tgt Ion:107 Resp: 9688  
Ion Ratio Lower Upper  
107 100  
144 21.9 21.4 32.0  
142 76.2 61.7 92.5

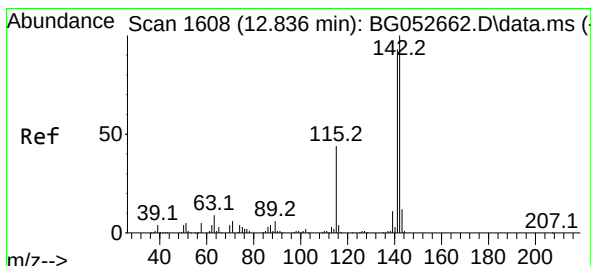
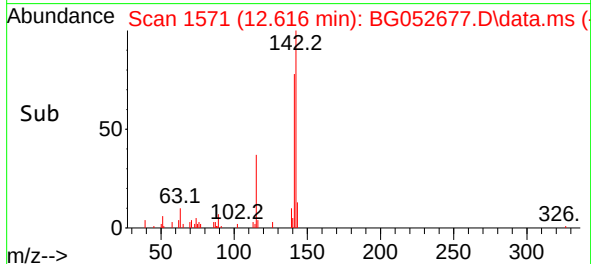
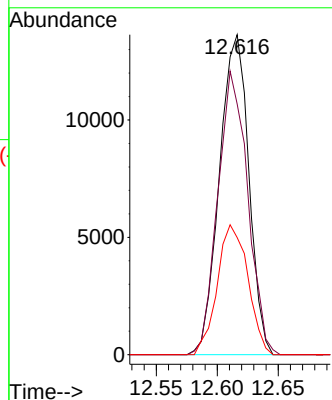
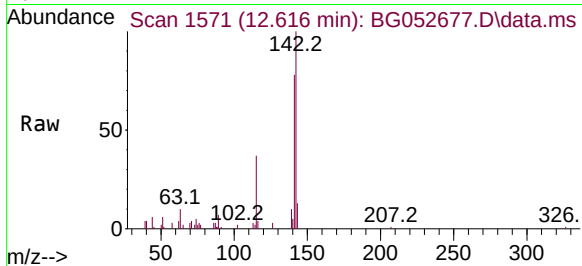




#37  
2-Methylnaphthalene  
Concen: 3.507 ng  
RT: 12.616 min Scan# 11  
Delta R.T. -0.003 min  
Lab File: BG052677.D  
Acq: 16 Mar 2022 14:20

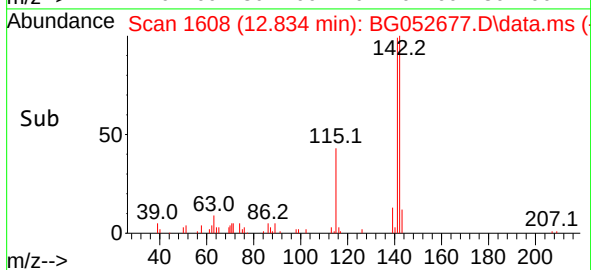
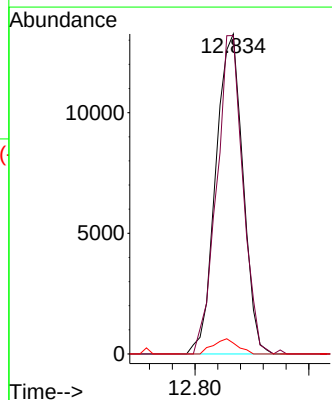
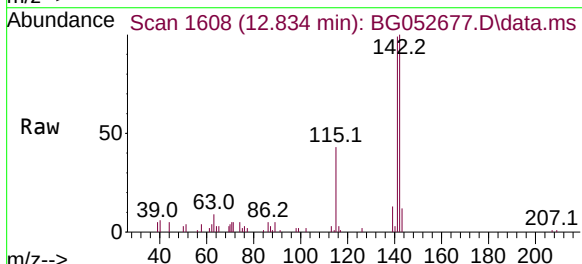
Instrument :  
BNA\_G  
ClientSampleId :  
LOD-MDL-WATER-01-QT1-2022

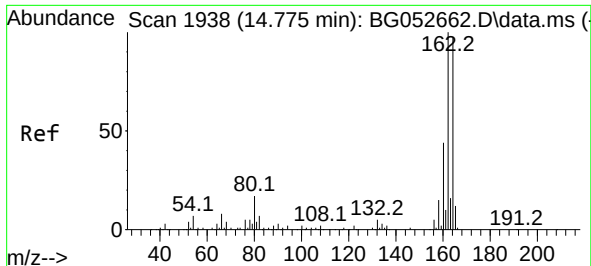
Tgt Ion:142 Resp: 22827  
Ion Ratio Lower Upper  
142 100  
141 78.4 71.3 106.9  
115 36.6 29.5 44.3



#38  
1-Methylnaphthalene  
Concen: 3.461 ng  
RT: 12.834 min Scan# 1608  
Delta R.T. -0.003 min  
Lab File: BG052677.D  
Acq: 16 Mar 2022 14:20

Tgt Ion:142 Resp: 21984  
Ion Ratio Lower Upper  
142 100  
141 99.5 70.5 105.7  
116 3.4 3.1 4.7

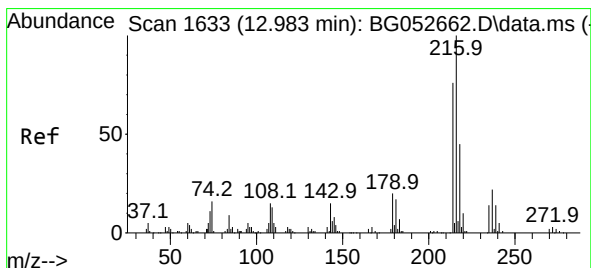
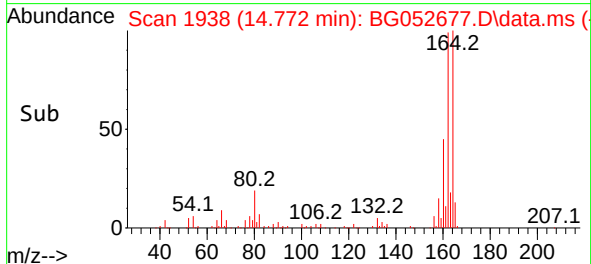
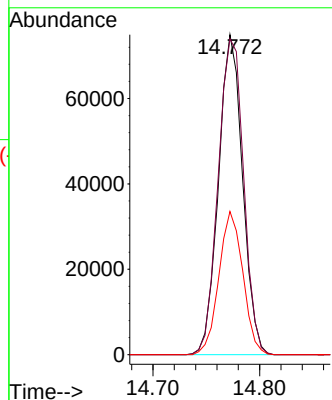
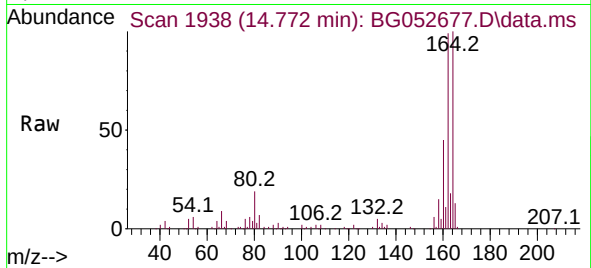




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.772 min Scan# 1938  
Delta R.T. -0.003 min  
Lab File: BG052677.D  
Acq: 16 Mar 2022 14:20

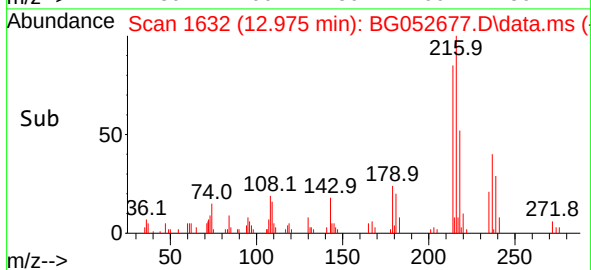
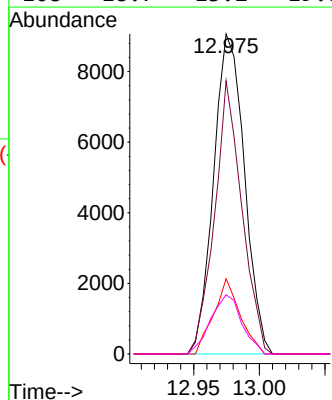
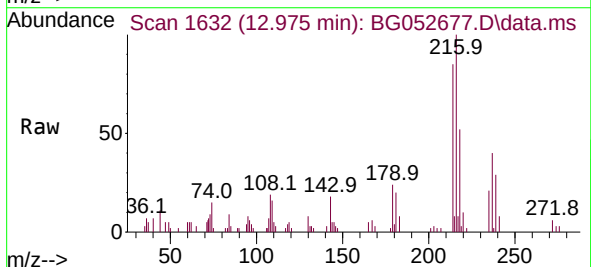
Instrument :  
BNA\_G  
ClientSampleId :  
LOD-MDL-WATER-01-QT1-2022

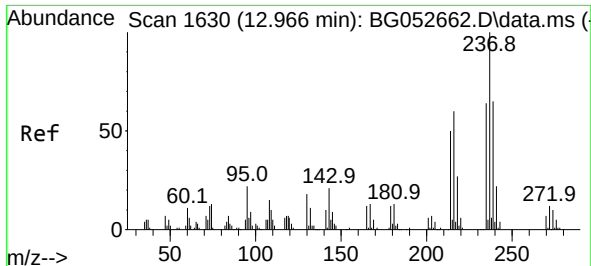
Tgt Ion:164 Resp: 117556  
Ion Ratio Lower Upper  
164 100  
162 98.8 80.0 120.0  
160 44.7 38.8 58.2



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 4.026 ng  
RT: 12.975 min Scan# 1632  
Delta R.T. -0.009 min  
Lab File: BG052677.D  
Acq: 16 Mar 2022 14:20

Tgt Ion:216 Resp: 14787  
Ion Ratio Lower Upper  
216 100  
214 75.6 63.8 95.6  
179 20.2 15.7 23.5  
108 18.7 13.2 19.8

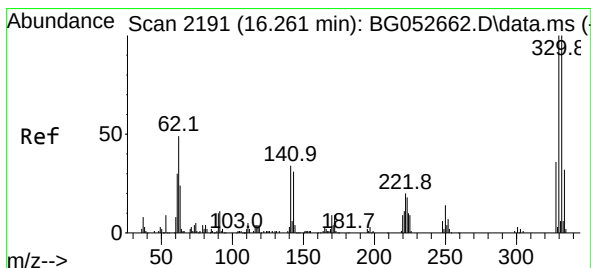
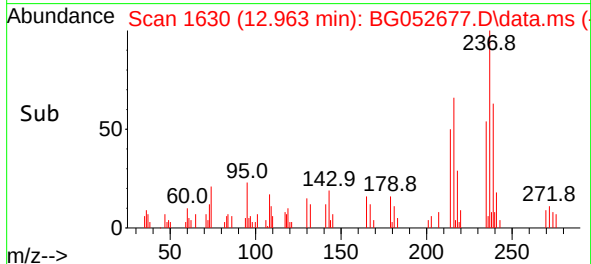
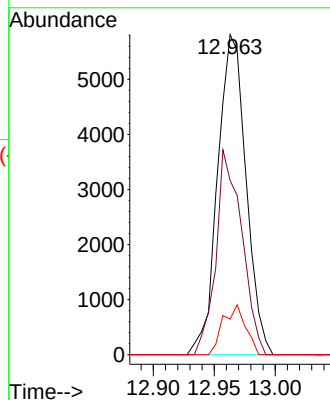
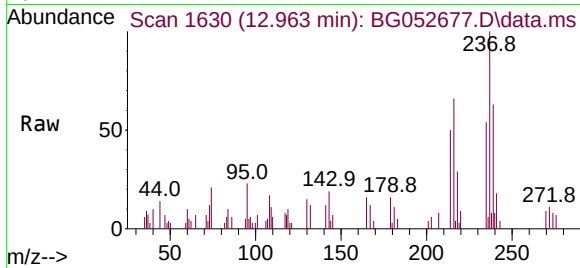




#41  
Hexachlorocyclopentadiene  
Concen: 4.330 ng  
RT: 12.963 min Scan# 1  
Delta R.T. -0.003 min  
Lab File: BG052677.D  
Acq: 16 Mar 2022 14:20

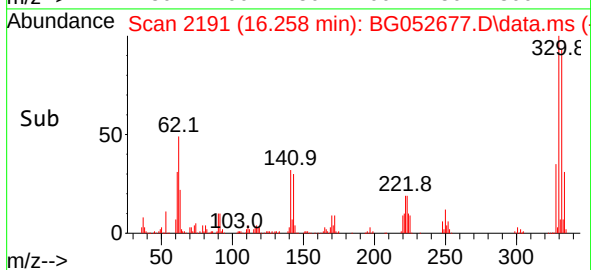
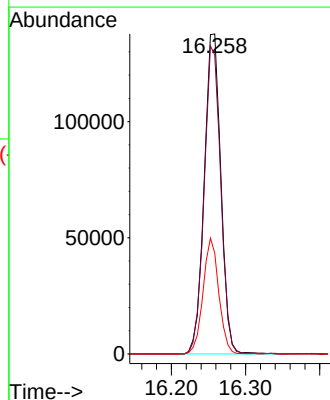
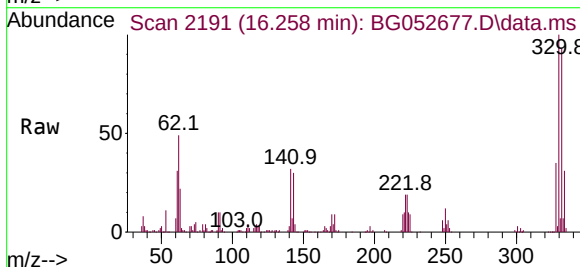
Instrument :  
BNA\_G  
ClientSampleId :  
LOD-MDL-WATER-01-QT1-2022

Tgt Ion:237 Resp: 9426  
Ion Ratio Lower Upper  
237 100  
235 54.4 37.7 77.7  
272 11.1 0.0 30.7

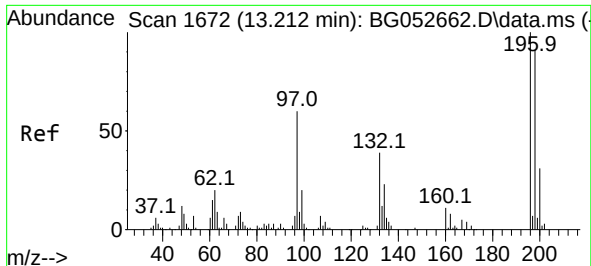


#42  
2,4,6-Tribromophenol  
Concen: 136.302 ng  
RT: 16.258 min Scan# 2191  
Delta R.T. -0.003 min  
Lab File: BG052677.D  
Acq: 16 Mar 2022 14:20

Tgt Ion:330 Resp: 215307  
Ion Ratio Lower Upper  
330 100  
332 95.8 75.8 113.6  
141 34.2 24.6 36.8



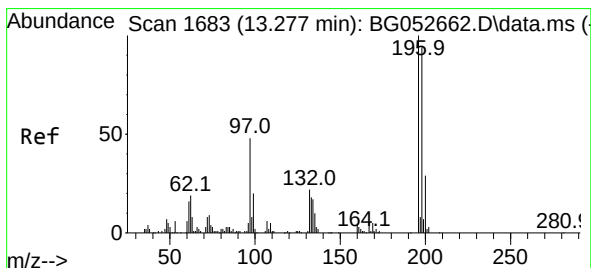
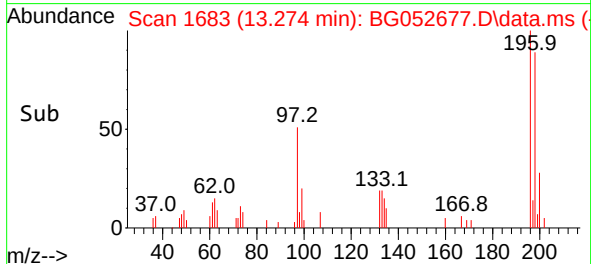
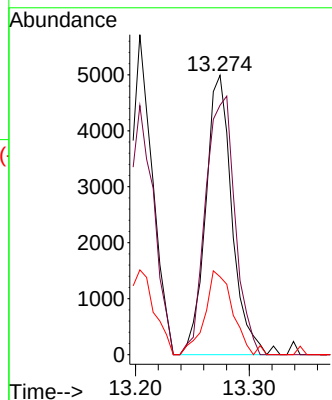
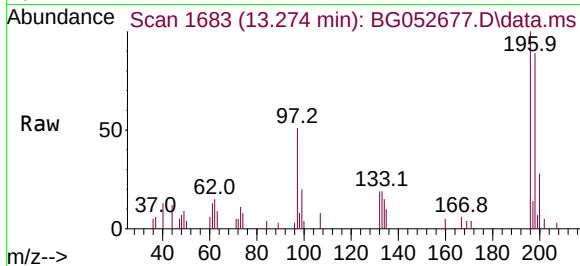




#43  
2,4,6-Trichlorophenol  
Concen: 3.423 ng  
RT: 13.274 min Scan# 1683  
Delta R.T. 0.062 min  
Lab File: BG052677.D  
Acq: 16 Mar 2022 14:20

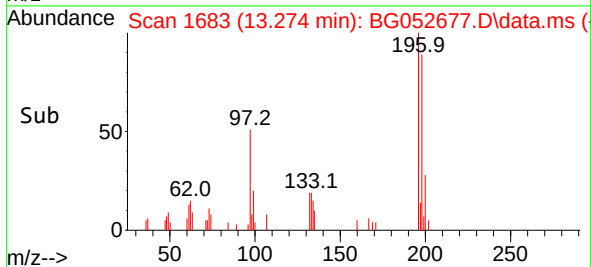
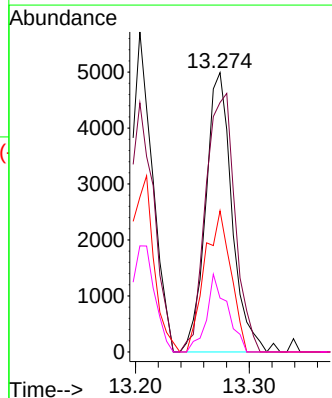
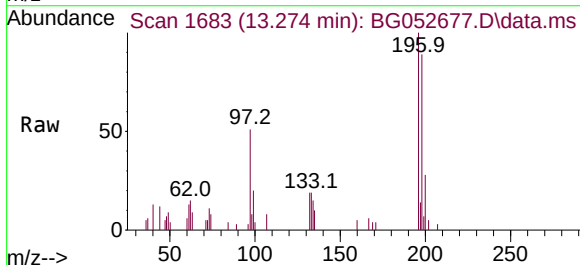
Instrument :  
BNA\_G  
ClientSampleId :  
LOD-MDL-WATER-01-QT1-2022

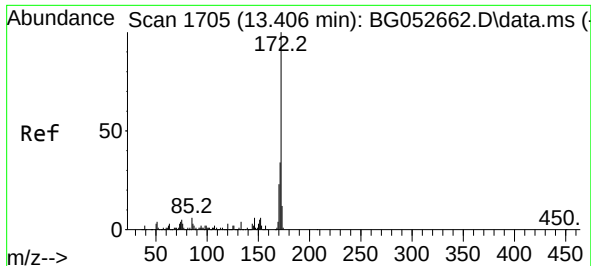
Tgt Ion:196 Resp: 8050  
Ion Ratio Lower Upper  
196 100  
198 89.3 78.8 118.2  
200 27.9 25.1 37.7



#44  
2,4,5-Trichlorophenol  
Concen: 3.372 ng  
RT: 13.274 min Scan# 1683  
Delta R.T. -0.003 min  
Lab File: BG052677.D  
Acq: 16 Mar 2022 14:20

Tgt Ion:196 Resp: 8050  
Ion Ratio Lower Upper  
196 100  
198 89.3 75.8 113.6  
97 50.5 36.5 54.7  
132 19.3 18.1 27.1

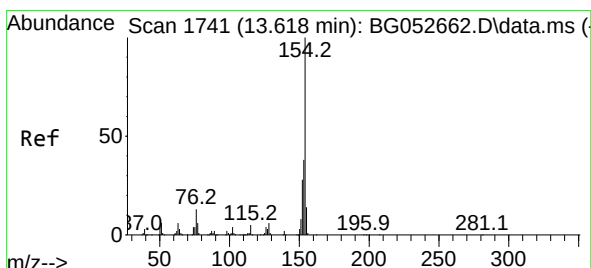
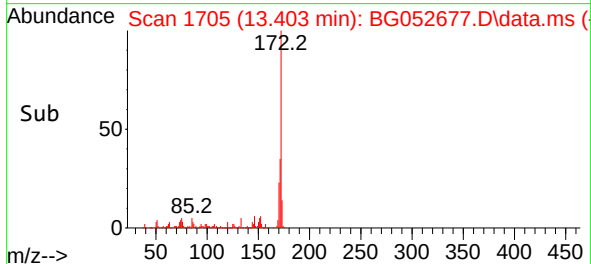
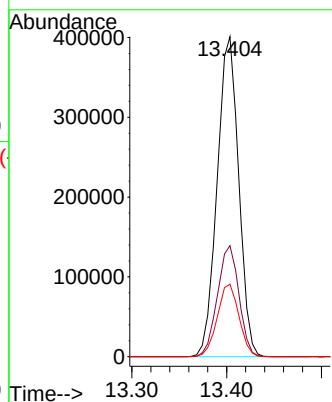
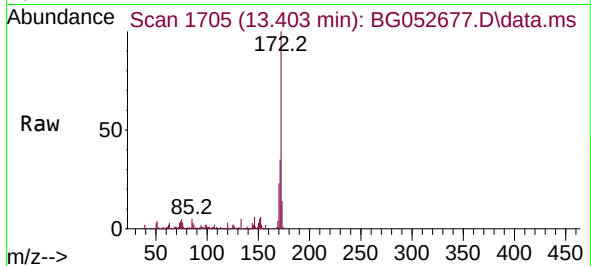




#45  
2-Fluorobiphenyl  
Concen: 79.352 ng  
RT: 13.403 min Scan# 1  
Delta R.T. -0.003 min  
Lab File: BG052677.D  
Acq: 16 Mar 2022 14:20

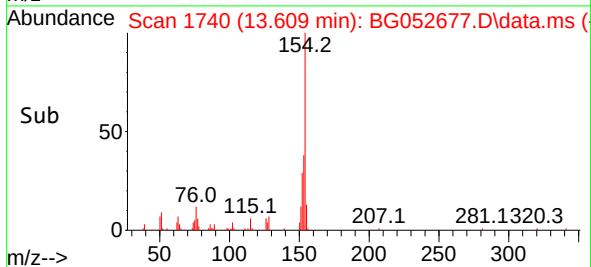
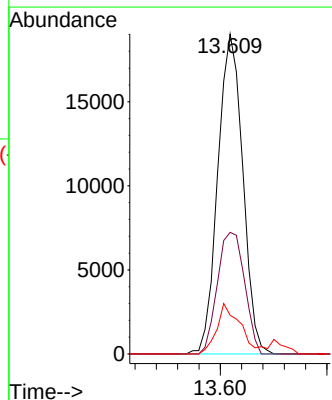
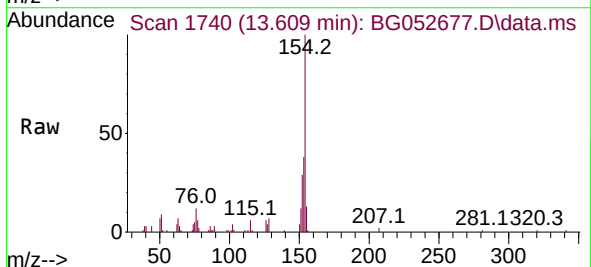
Instrument :  
BNA\_G  
ClientSampleId :  
LOD-MDL-WATER-01-QT1-2022

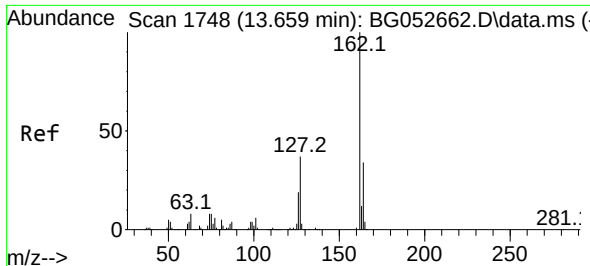
Tgt Ion:172 Resp: 632494  
Ion Ratio Lower Upper  
172 100  
171 34.7 28.3 42.5  
170 22.7 18.0 27.0



#46  
1,1'-Biphenyl  
Concen: 3.757 ng  
RT: 13.609 min Scan# 1740  
Delta R.T. -0.009 min  
Lab File: BG052677.D  
Acq: 16 Mar 2022 14:20

Tgt Ion:154 Resp: 30883  
Ion Ratio Lower Upper  
154 100  
153 38.0 21.6 61.6  
76 12.1 0.0 31.5

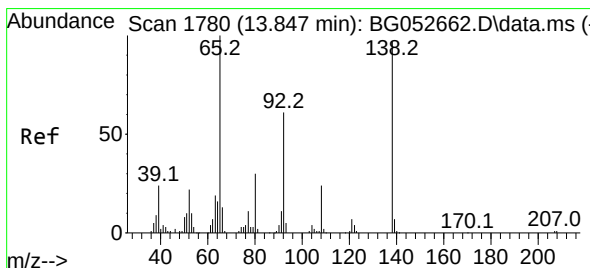
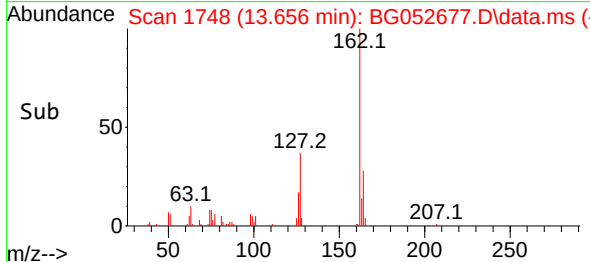
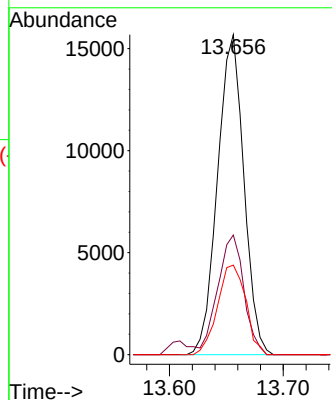
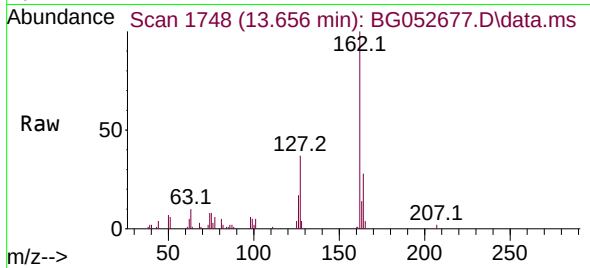




#47  
2-Chloronaphthalene  
Concen: 3.899 ng  
RT: 13.656 min Scan# 1748  
Delta R.T. -0.003 min  
Lab File: BG052677.D  
Acq: 16 Mar 2022 14:20

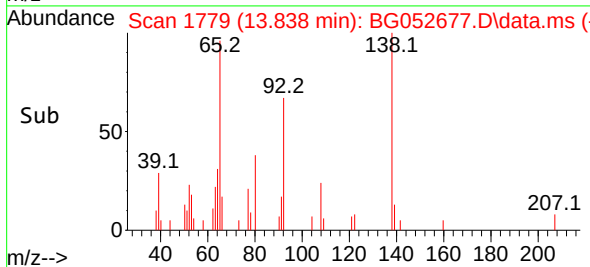
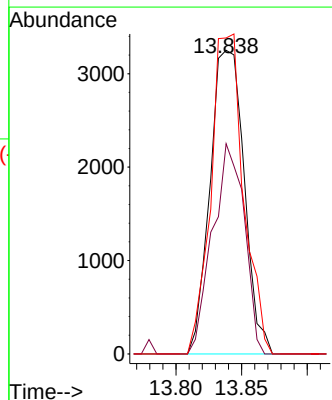
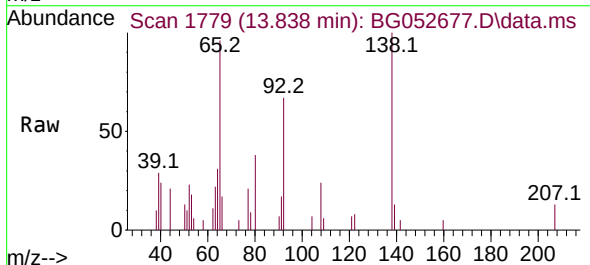
Instrument : BNA\_G  
ClientSampleId : LOD-MDL-WATER-01-QT1-2022

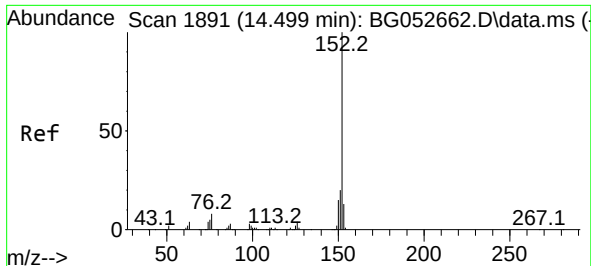
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 162   | Resp: | 25242 |
| Ion Ratio | Lower | Upper |       |
| 162       | 100   |       |       |
| 127       | 37.4  | 28.1  | 42.1  |
| 164       | 28.0  | 26.0  | 39.0  |



#48  
2-Nitroaniline  
Concen: 3.321 ng  
RT: 13.838 min Scan# 1779  
Delta R.T. -0.009 min  
Lab File: BG052677.D  
Acq: 16 Mar 2022 14:20

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 65    | Resp: | 5881  |
| Ion Ratio | Lower | Upper |       |
| 65        | 100   |       |       |
| 92        | 69.2  | 52.1  | 78.1  |
| 138       | 104.1 | 80.1  | 120.1 |

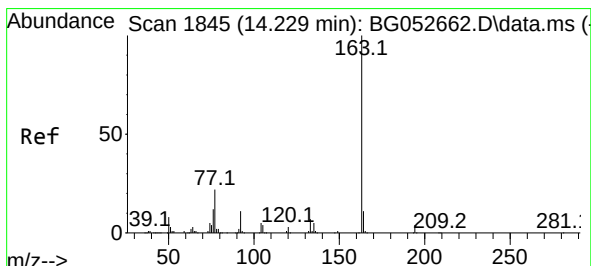
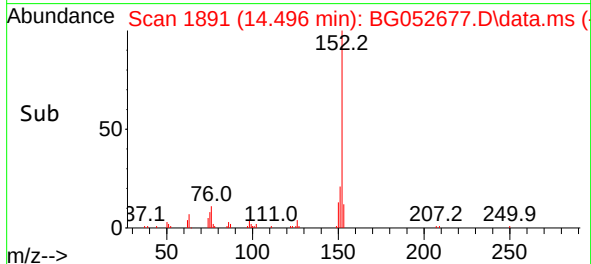
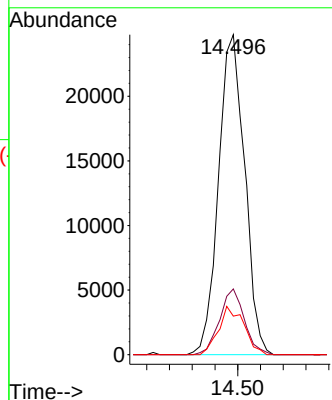
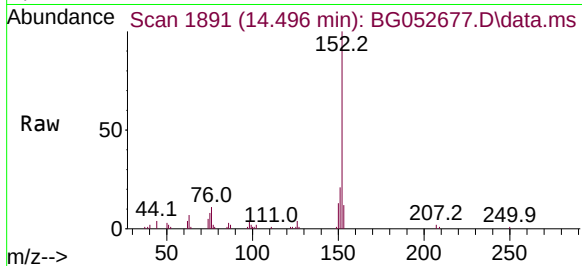




#49  
Acenaphthylene  
Concen: 3.833 ng  
RT: 14.496 min Scan# 1891  
Delta R.T. -0.003 min  
Lab File: BG052677.D  
Acq: 16 Mar 2022 14:20

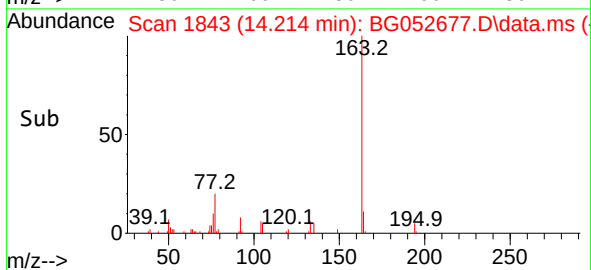
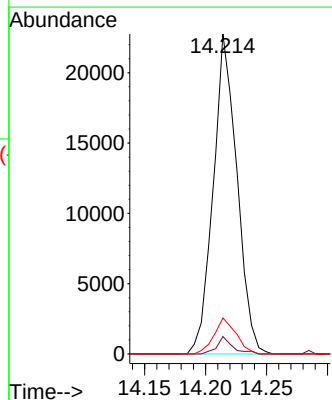
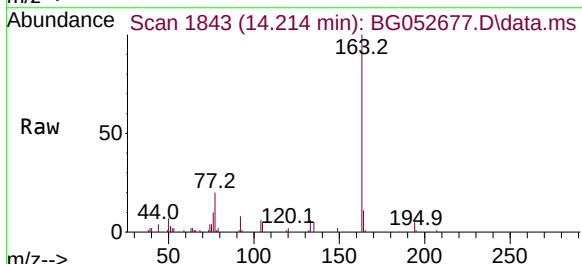
Instrument :  
BNA\_G  
ClientSampleId :  
LOD-MDL-WATER-01-QT1-2022

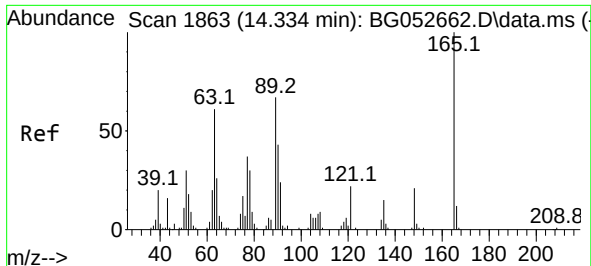
Tgt Ion:152 Resp: 39555  
Ion Ratio Lower Upper  
152 100  
151 20.6 15.8 23.6  
153 12.1 10.6 15.8



#50  
Dimethylphthalate  
Concen: 3.522 ng  
RT: 14.214 min Scan# 1843  
Delta R.T. -0.015 min  
Lab File: BG052677.D  
Acq: 16 Mar 2022 14:20

Tgt Ion:163 Resp: 30770  
Ion Ratio Lower Upper  
163 100  
194 5.5 3.3 4.9#  
164 11.2 8.5 12.7

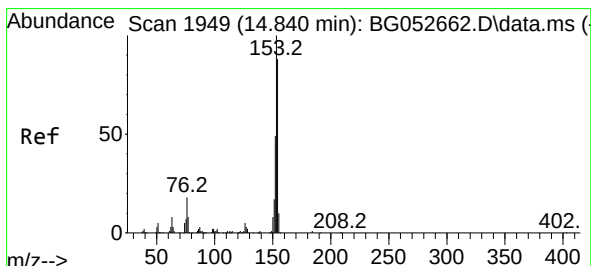
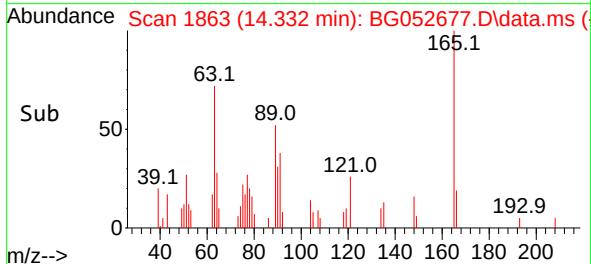
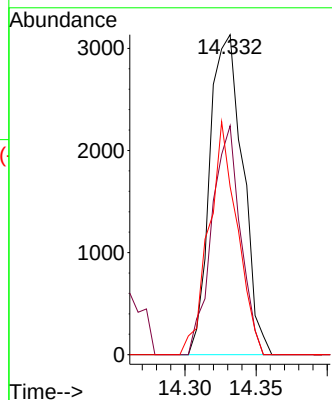
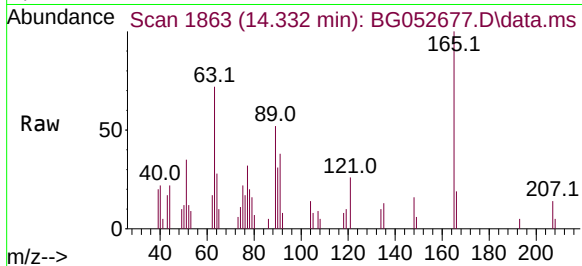




#51  
2,6-Dinitrotoluene  
Concen: 3.416 ng  
RT: 14.332 min Scan# 1863  
Delta R.T. -0.003 min  
Lab File: BG052677.D  
Acq: 16 Mar 2022 14:20

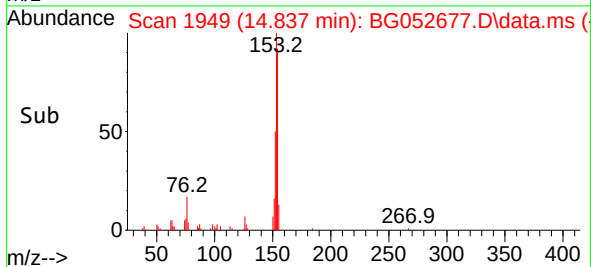
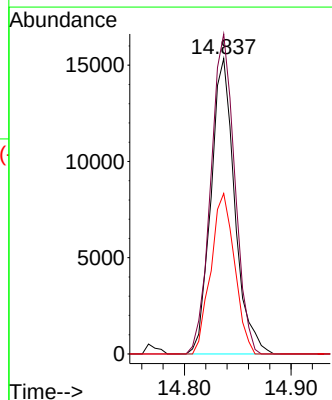
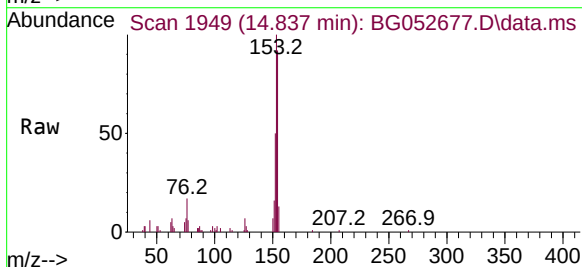
Instrument :  
BNA\_G  
ClientSampleId :  
LOD-MDL-WATER-01-QT1-2022

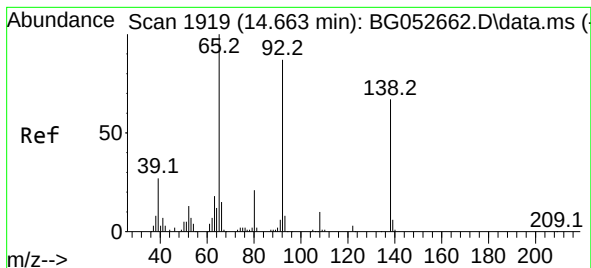
Tgt Ion:165 Resp: 5039  
Ion Ratio Lower Upper  
165 100  
63 71.5 43.7 65.5#  
89 52.5 45.0 67.4



#52  
Acenaphthene  
Concen: 3.603 ng  
RT: 14.837 min Scan# 1949  
Delta R.T. -0.003 min  
Lab File: BG052677.D  
Acq: 16 Mar 2022 14:20

Tgt Ion:154 Resp: 23822  
Ion Ratio Lower Upper  
154 100  
153 108.3 89.0 133.4  
152 54.3 40.5 60.7

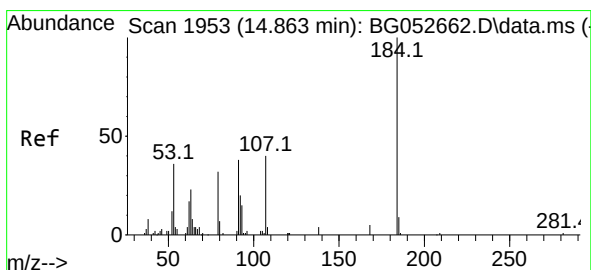
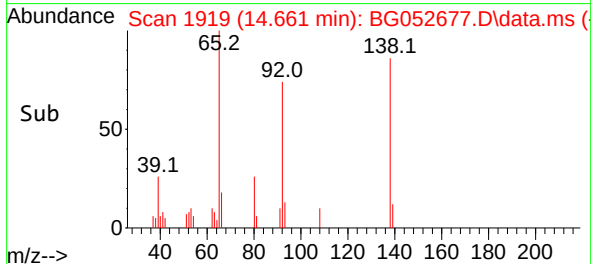
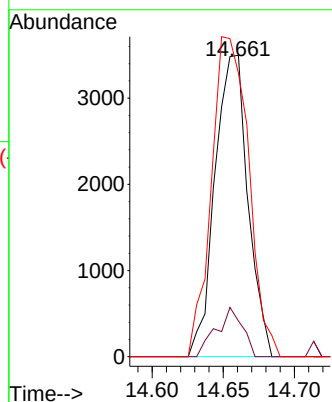
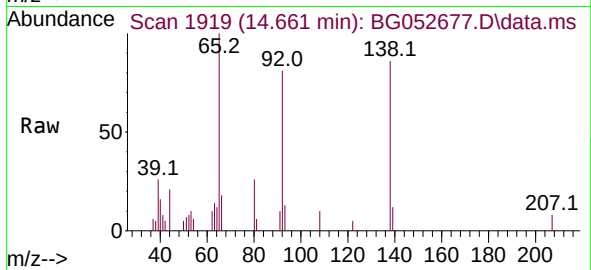




#53  
3-Nitroaniline  
Concen: 3.271 ng  
RT: 14.661 min Scan# 1919  
Delta R.T. -0.003 min  
Lab File: BG052677.D  
Acq: 16 Mar 2022 14:20

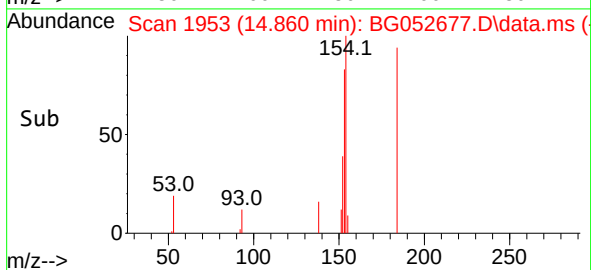
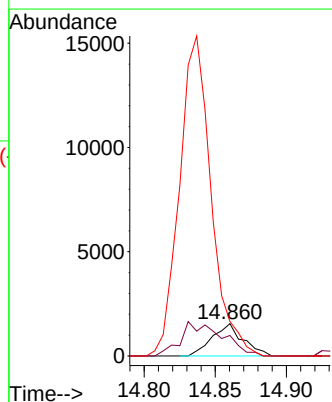
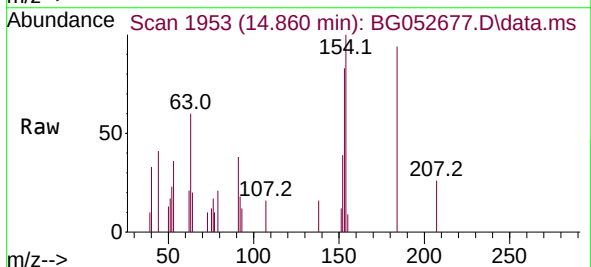
Instrument :  
BNA\_G  
ClientSampleId :  
LOD-MDL-WATER-01-QT1-2022

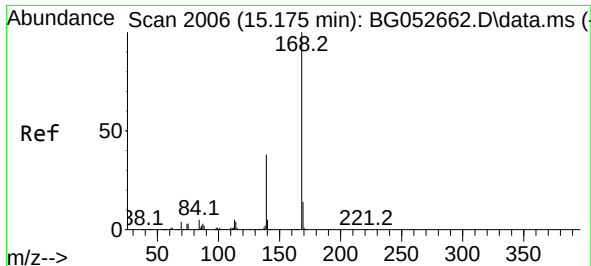
Tgt Ion:138 Resp: 5646  
Ion Ratio Lower Upper  
138 100  
108 11.9 8.0 12.0  
92 94.0 96.2 144.2#



#54  
2,4-Dinitrophenol  
Concen: 2.905 ng  
RT: 14.860 min Scan# 1953  
Delta R.T. -0.003 min  
Lab File: BG052677.D  
Acq: 16 Mar 2022 14:20

Tgt Ion:184 Resp: 2336  
Ion Ratio Lower Upper  
184 100  
63 63.5 51.8 77.6  
154 106.5 47.8 71.6#

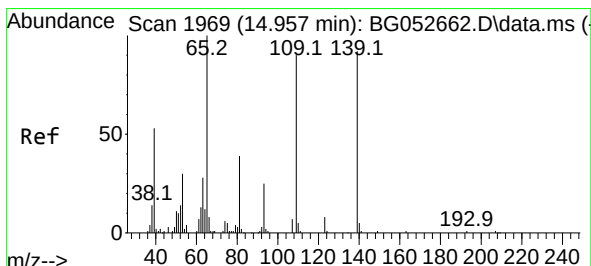
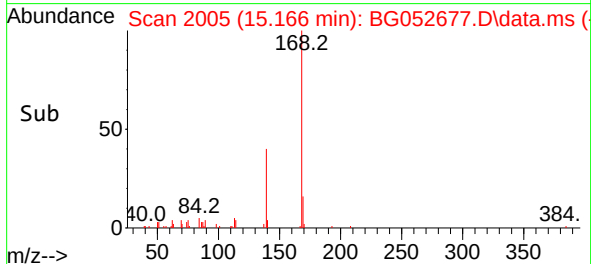
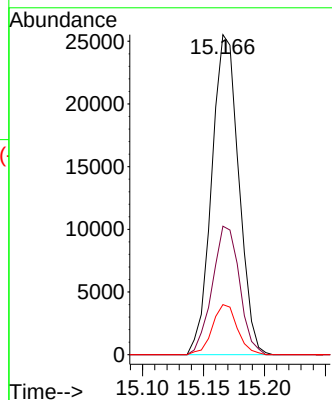
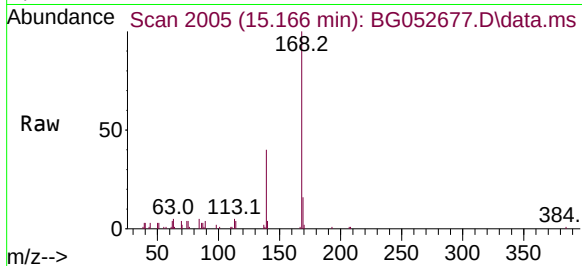




#55  
Dibenzenofuran  
Concen: 3.650 ng  
RT: 15.166 min Scan# 2006  
Delta R.T. -0.009 min  
Lab File: BG052677.D  
Acq: 16 Mar 2022 14:20

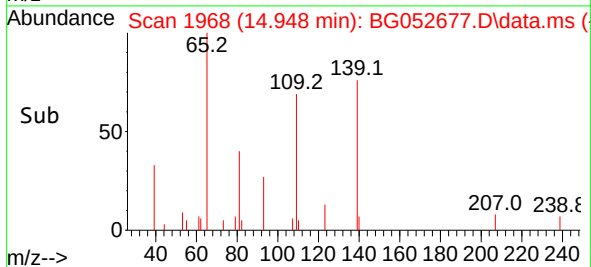
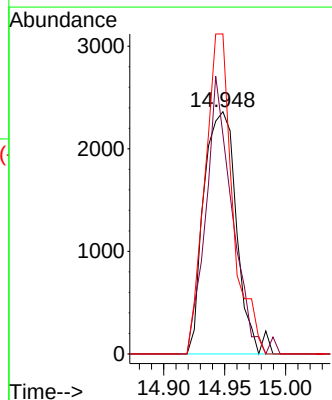
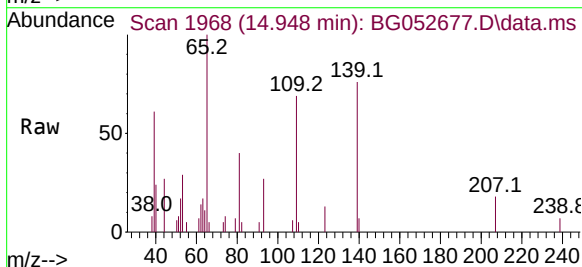
Instrument : BNA\_G  
ClientSampleId : LOD-MDL-WATER-01-QT1-2022

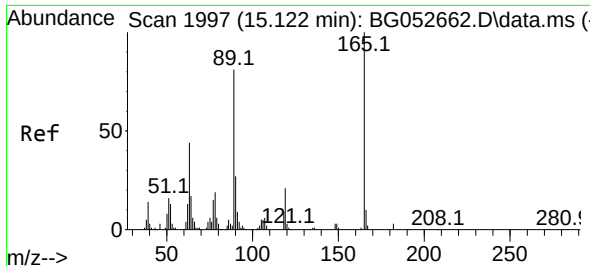
Tgt Ion:168 Resp: 39415  
Ion Ratio Lower Upper  
168 100  
139 40.2 30.2 45.4  
169 15.7 10.7 16.1



#56  
4-Nitrophenol  
Concen: 3.129 ng  
RT: 14.948 min Scan# 1968  
Delta R.T. -0.009 min  
Lab File: BG052677.D  
Acq: 16 Mar 2022 14:20

Tgt Ion:139 Resp: 4406  
Ion Ratio Lower Upper  
139 100  
109 90.5 67.1 107.1  
65 132.1 88.2 128.2#

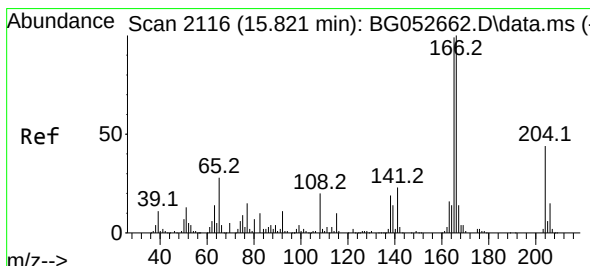
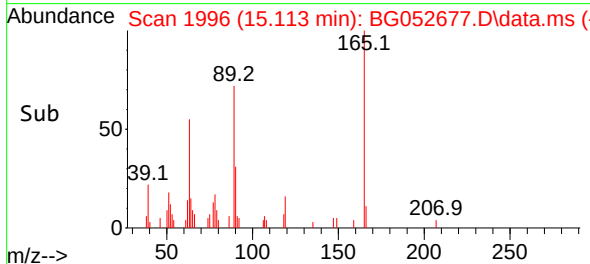
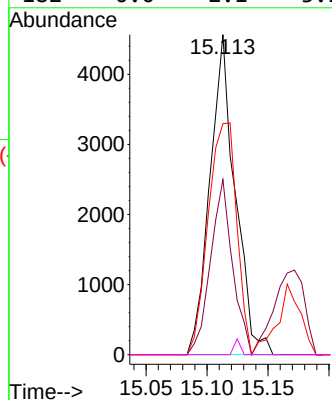
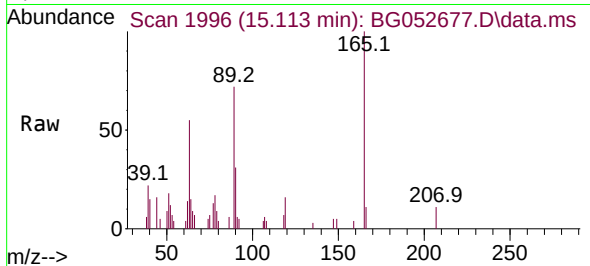




#57  
2,4-Dinitrotoluene  
Concen: 3.219 ng  
RT: 15.113 min Scan# 1996  
Delta R.T. -0.009 min  
Lab File: BG052677.D  
Acq: 16 Mar 2022 14:20

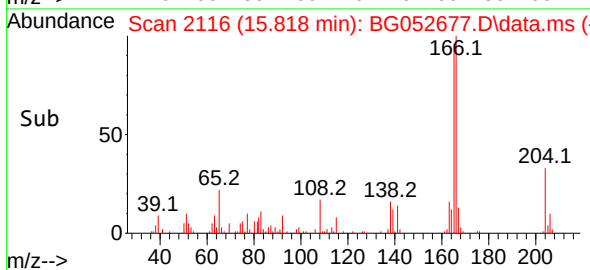
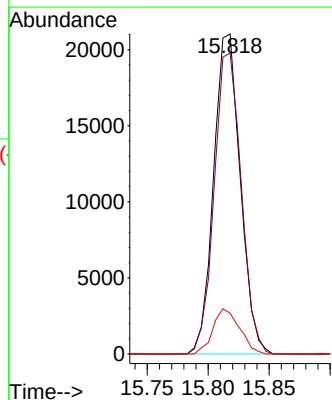
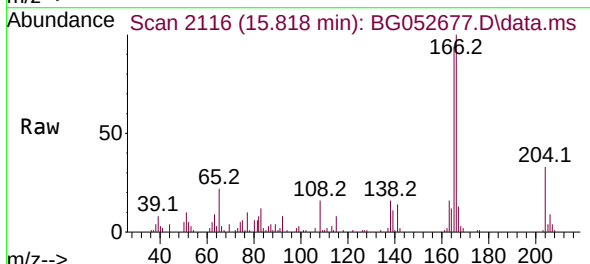
Instrument :  
BNA\_G  
ClientSampleId :  
LOD-MDL-WATER-01-QT1-2022

Tgt Ion:165 Resp: 6589  
Ion Ratio Lower Upper  
165 100  
63 54.7 34.8 52.2#  
89 72.2 57.4 86.0  
182 0.0 2.1 3.1#

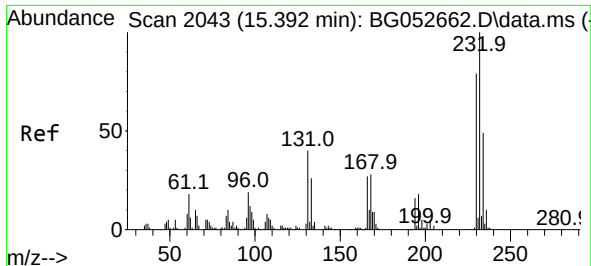


#58  
Fluorene  
Concen: 3.627 ng  
RT: 15.818 min Scan# 2116  
Delta R.T. -0.003 min  
Lab File: BG052677.D  
Acq: 16 Mar 2022 14:20

Tgt Ion:166 Resp: 31927  
Ion Ratio Lower Upper  
166 100  
165 94.0 78.6 117.8  
167 12.8 10.9 16.3



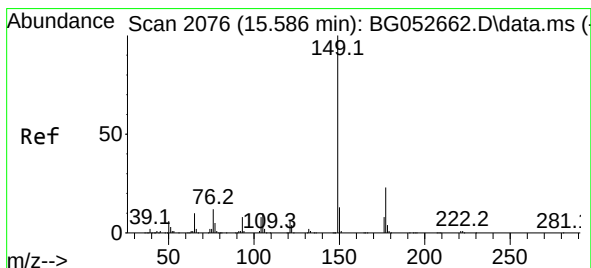
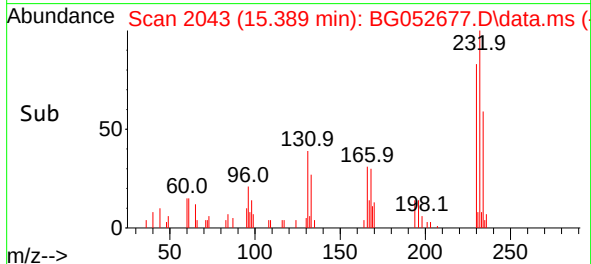
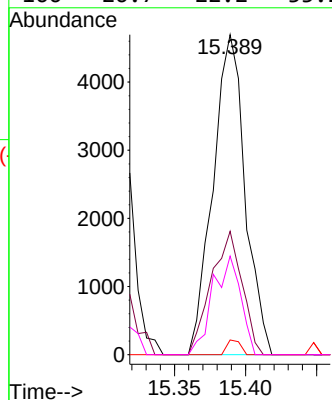
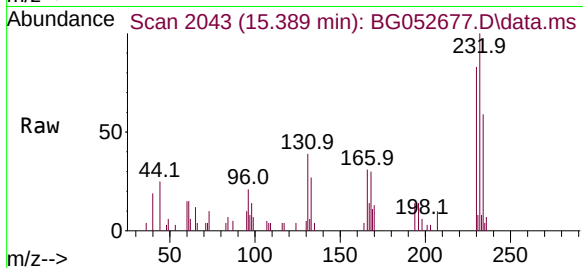




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 2.888 ng  
RT: 15.389 min Scan# 2043  
Delta R.T. -0.003 min  
Lab File: BG052677.D  
Acq: 16 Mar 2022 14:20

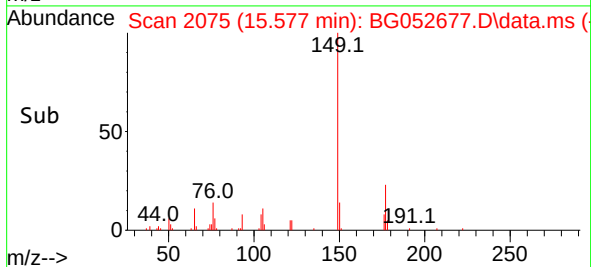
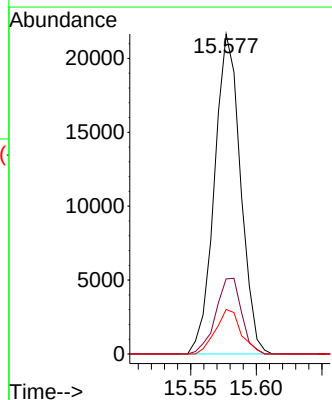
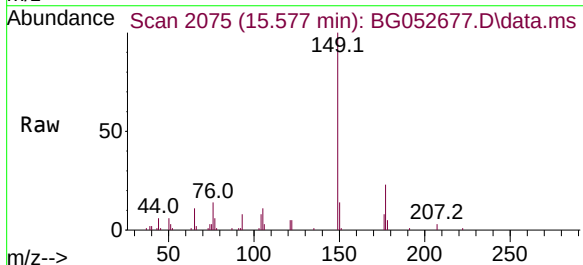
Instrument :  
BNA\_G  
ClientSampleId :  
LOD-MDL-WATER-01-QT1-2022

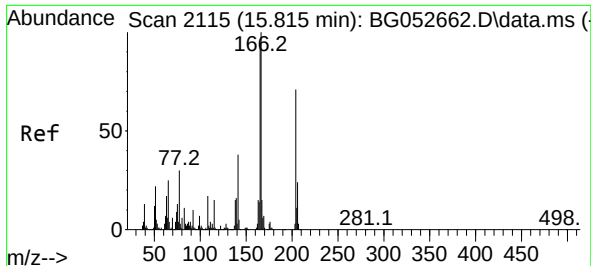
|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:232 | Resp: | 7368      |
| Ion Ratio   | Lower | Upper     |
| 232         | 100   |           |
| 131         | 37.1  | 30.1 45.1 |
| 130         | 1.9   | 1.8 2.8   |
| 166         | 26.7  | 22.2 33.2 |



#60  
Diethylphthalate  
Concen: 3.240 ng  
RT: 15.577 min Scan# 2075  
Delta R.T. -0.009 min  
Lab File: BG052677.D  
Acq: 16 Mar 2022 14:20

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:149 | Resp: | 29879     |
| Ion Ratio   | Lower | Upper     |
| 149         | 100   |           |
| 177         | 23.4  | 18.2 27.2 |
| 150         | 13.9  | 9.9 14.9  |

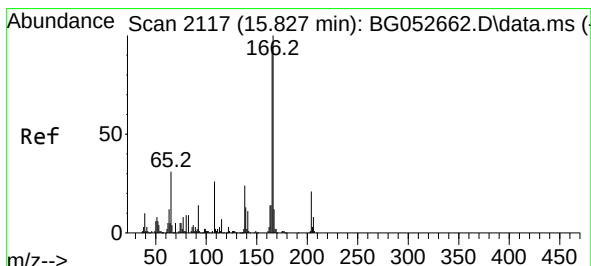
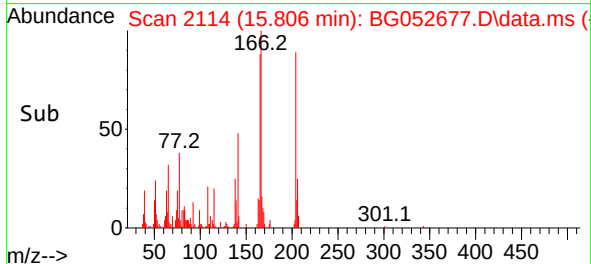
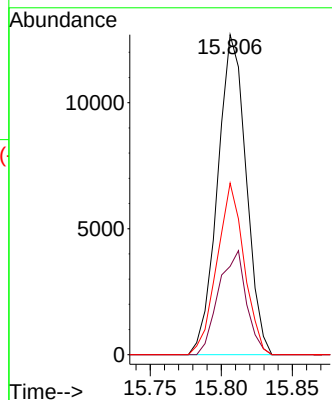
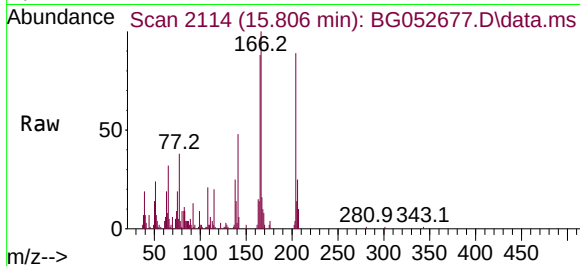




#61  
4-Chlorophenyl-phenylether  
Concen: 3.652 ng  
RT: 15.806 min Scan# 2114  
Delta R.T. -0.009 min  
Lab File: BG052677.D  
Acq: 16 Mar 2022 14:20

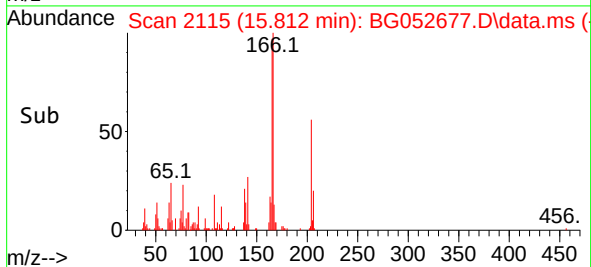
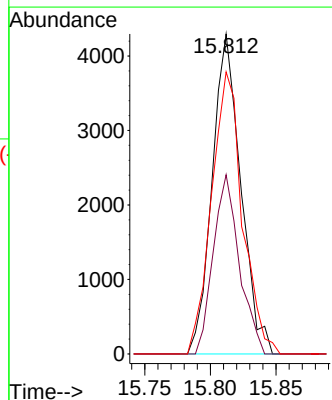
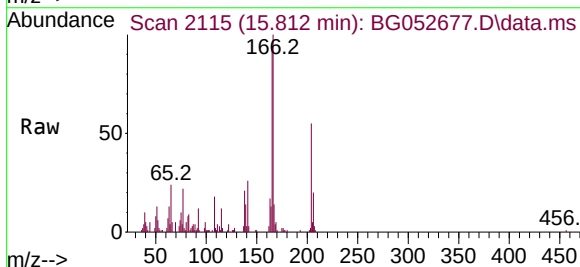
Instrument :  
BNA\_G  
ClientSampleId :  
LOD-MDL-WATER-01-QT1-2022

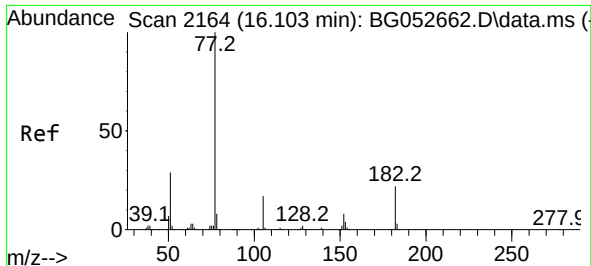
Tgt Ion:204 Resp: 17728  
Ion Ratio Lower Upper  
204 100  
206 27.6 28.3 42.5#  
141 53.6 45.8 68.8



#62  
4-Nitroaniline  
Concen: 3.568 ng  
RT: 15.812 min Scan# 2115  
Delta R.T. -0.015 min  
Lab File: BG052677.D  
Acq: 16 Mar 2022 14:20

Tgt Ion:138 Resp: 6507  
Ion Ratio Lower Upper  
138 100  
92 56.0 33.3 73.3  
108 88.1 74.2 114.2

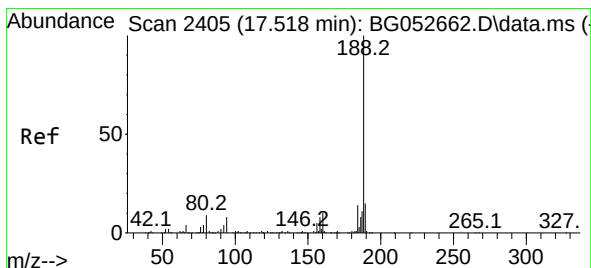
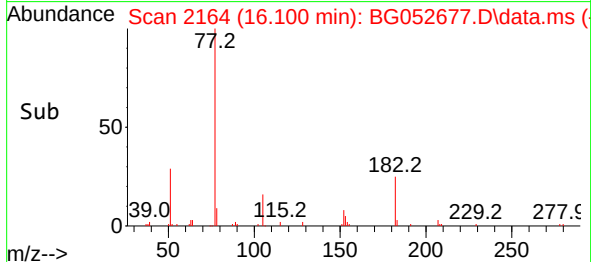
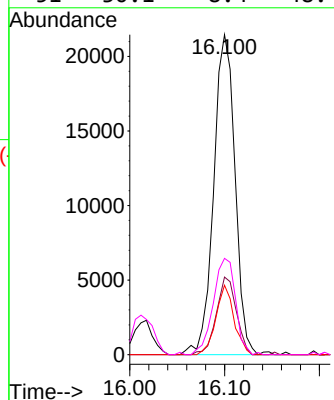
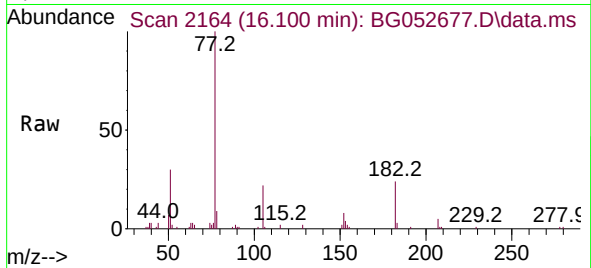




#63  
Azobenzene  
Concen: 3.403 ng  
RT: 16.100 min Scan# 2164  
Delta R.T. -0.003 min  
Lab File: BG052677.D  
Acq: 16 Mar 2022 14:20

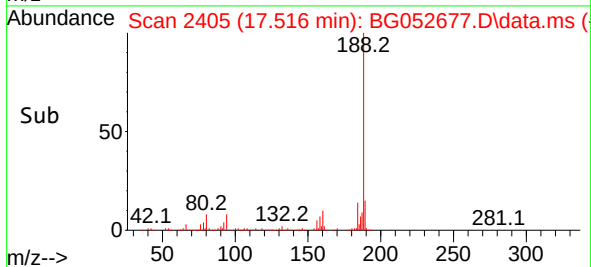
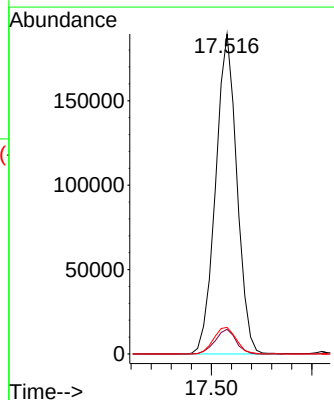
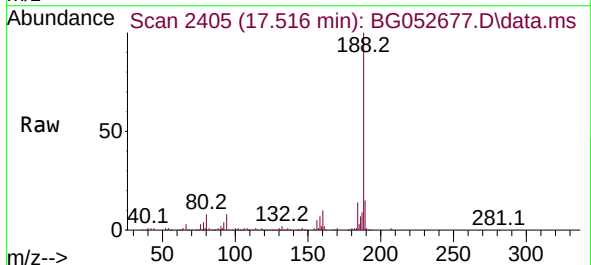
Instrument : BNA\_G  
ClientSampleId : LOD-MDL-WATER-01-QT1-2022

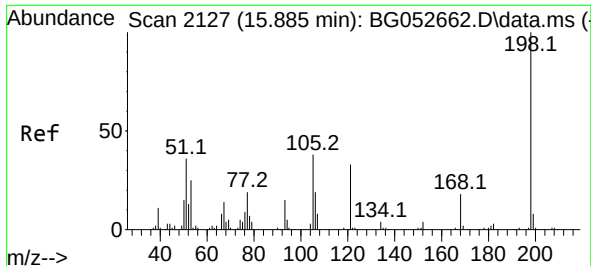
|             |             |
|-------------|-------------|
| Tgt Ion: 77 | Resp: 33540 |
| Ion Ratio   | Lower Upper |
| 77 100      |             |
| 182 24.3    | 5.6 45.6    |
| 105 21.7    | 0.0 38.8    |
| 51 30.1     | 8.4 48.4    |



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.516 min Scan# 2405  
Delta R.T. -0.003 min  
Lab File: BG052677.D  
Acq: 16 Mar 2022 14:20

|              |              |
|--------------|--------------|
| Tgt Ion: 188 | Resp: 278113 |
| Ion Ratio    | Lower Upper  |
| 188 100      |              |
| 94 7.7       | 5.7 8.5      |
| 80 8.3       | 7.2 10.8     |

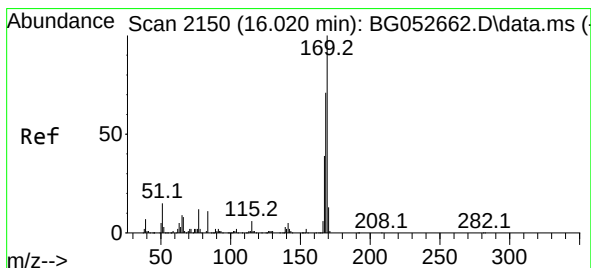
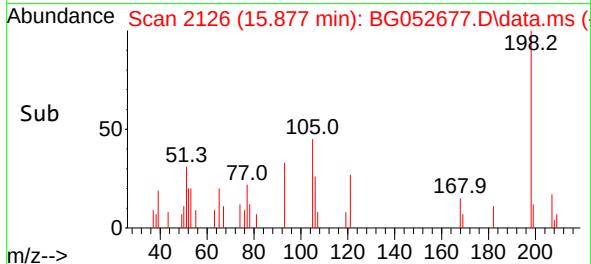
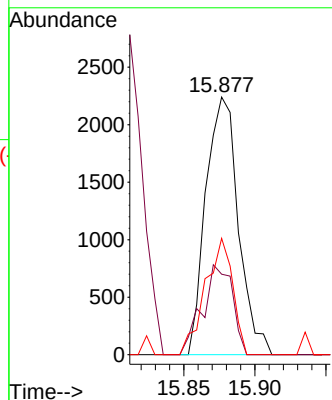
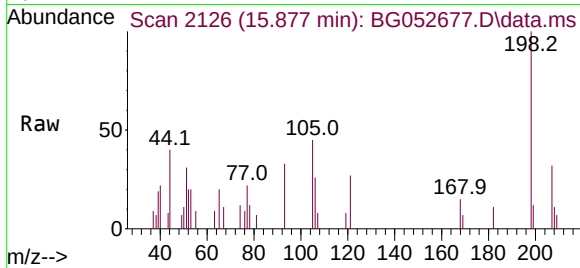




#65  
4,6-Dinitro-2-methylphenol  
Concen: 2.874 ng  
RT: 15.877 min Scan# 2127  
Delta R.T. -0.009 min  
Lab File: BG052677.D  
Acq: 16 Mar 2022 14:20

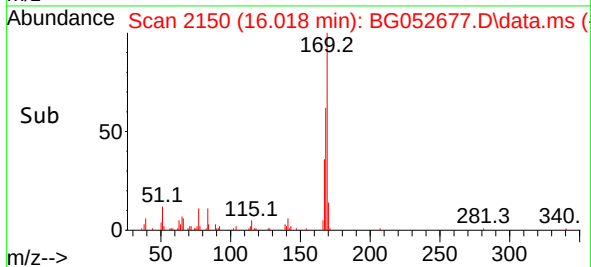
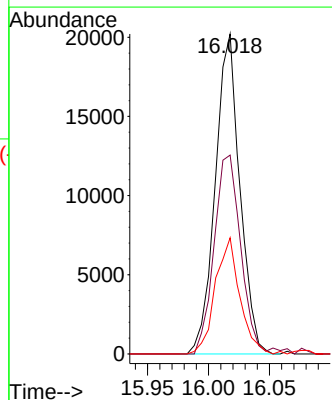
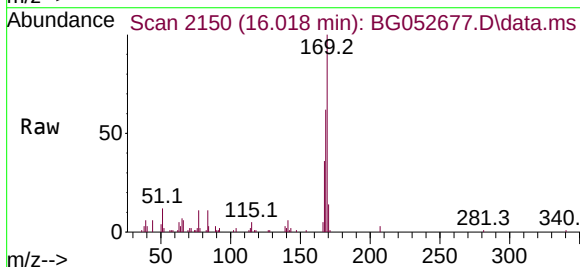
Instrument :  
BNA\_G  
ClientSampleId :  
LOD-MDL-WATER-01-QT1-2022

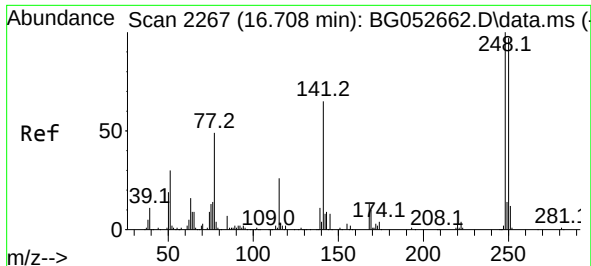
Tgt Ion:198 Resp: 3564  
Ion Ratio Lower Upper  
198 100  
51 31.3 21.7 61.7  
105 45.2 20.8 60.8



#66  
n-Nitrosodiphenylamine  
Concen: 3.626 ng  
RT: 16.018 min Scan# 2150  
Delta R.T. -0.003 min  
Lab File: BG052677.D  
Acq: 16 Mar 2022 14:20

Tgt Ion:169 Resp: 28390  
Ion Ratio Lower Upper  
169 100  
168 62.2 54.5 81.7  
167 36.3 29.6 44.4

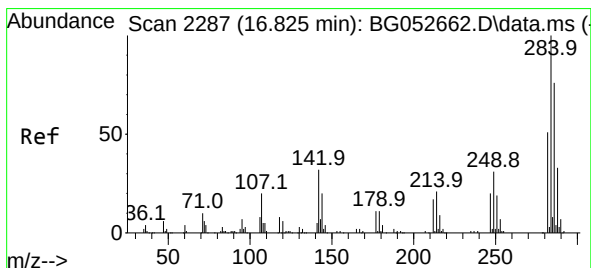
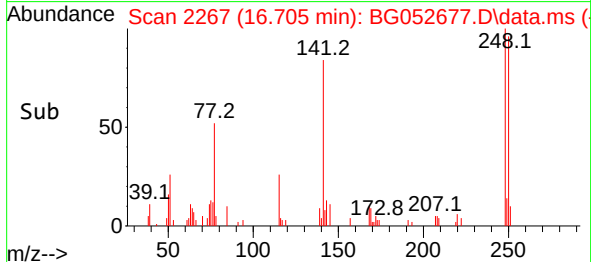
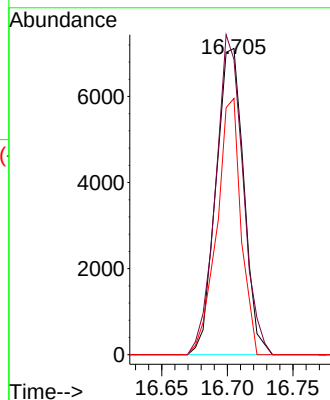
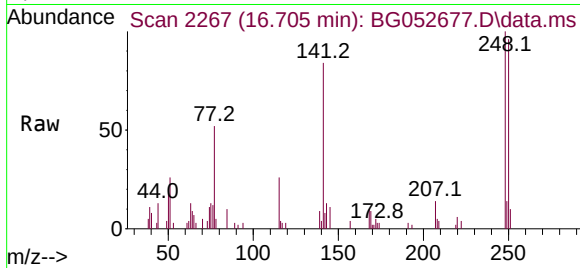




#67  
4-Bromophenyl-phenylether  
Concen: 3.125 ng  
RT: 16.705 min Scan# 21  
Delta R.T. -0.003 min  
Lab File: BG052677.D  
Acq: 16 Mar 2022 14:20

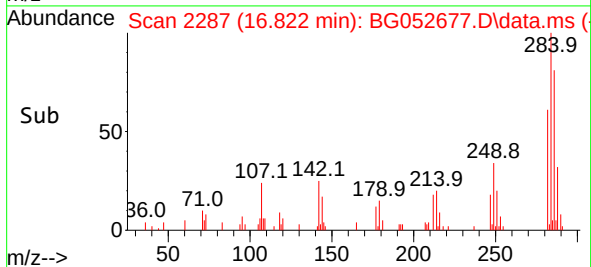
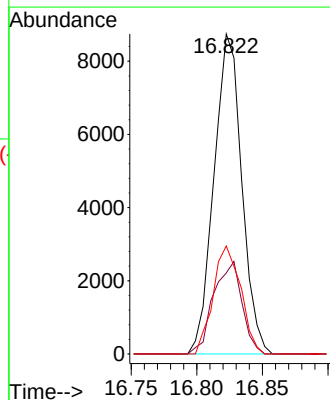
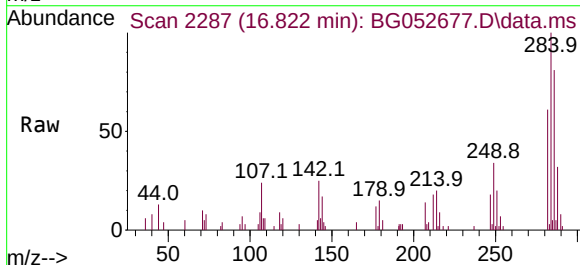
Instrument :  
BNA\_G  
ClientSampleId :  
LOD-MDL-WATER-01-QT1-2022

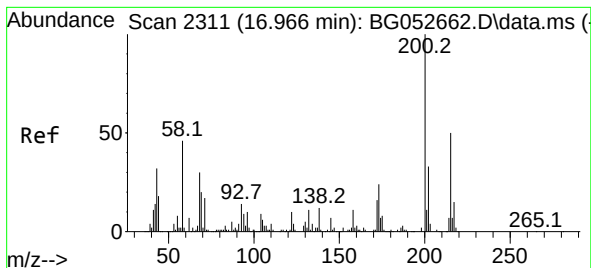
Tgt Ion:248 Resp: 10477  
Ion Ratio Lower Upper  
248 100  
250 96.4 77.9 116.9  
141 83.7 49.2 73.8#



#68  
Hexachlorobenzene  
Concen: 3.569 ng  
RT: 16.822 min Scan# 2287  
Delta R.T. -0.003 min  
Lab File: BG052677.D  
Acq: 16 Mar 2022 14:20

Tgt Ion:284 Resp: 12863  
Ion Ratio Lower Upper  
284 100  
142 25.3 21.0 31.4  
249 33.8 22.7 34.1





#69

Atrazine

Concen: 3.583 ng

RT: 16.963 min Scan# 21

Delta R.T. -0.003 min

Lab File: BG052677.D

Acq: 16 Mar 2022 14:20

Instrument :

BNA\_G

ClientSampleId :

LOD-MDL-WATER-01-QT1-2022

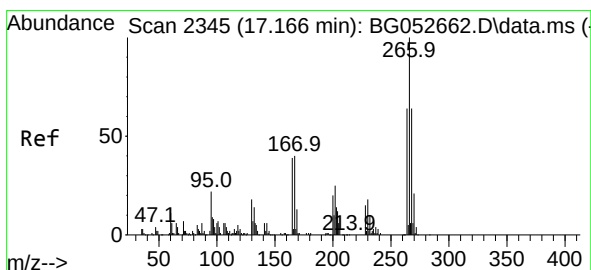
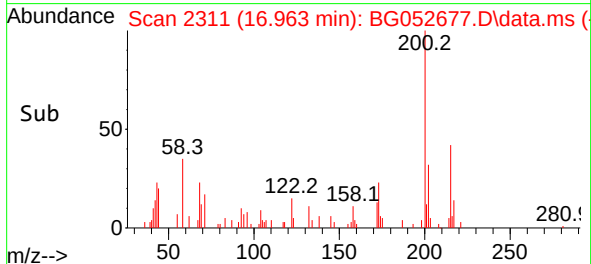
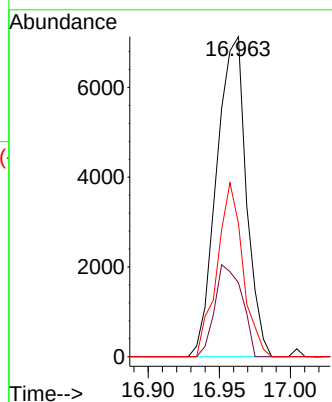
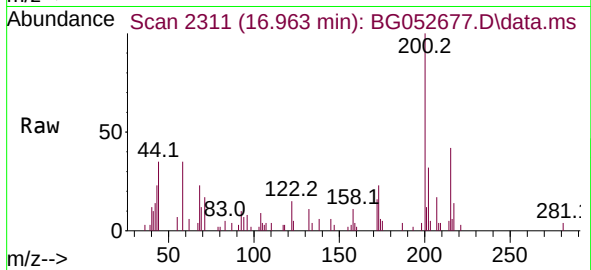
Tgt Ion:200 Resp: 10343

Ion Ratio Lower Upper

200 100

173 23.1 3.8 43.8

215 41.7 26.3 66.3



#70

Pentachlorophenol

Concen: 2.814 ng

RT: 17.163 min Scan# 2345

Delta R.T. -0.003 min

Lab File: BG052677.D

Acq: 16 Mar 2022 14:20

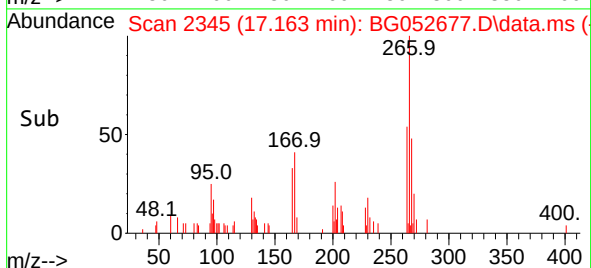
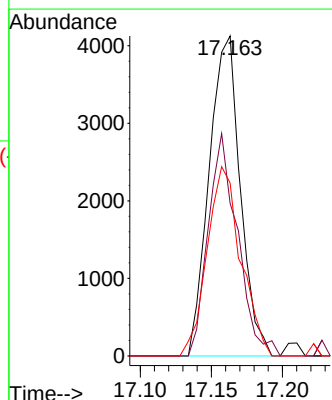
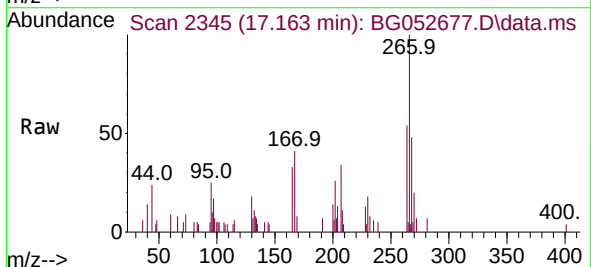
Tgt Ion:266 Resp: 6292

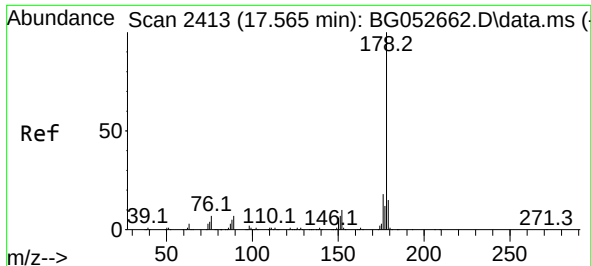
Ion Ratio Lower Upper

266 100

268 47.7 45.9 68.9

264 54.1 45.3 67.9

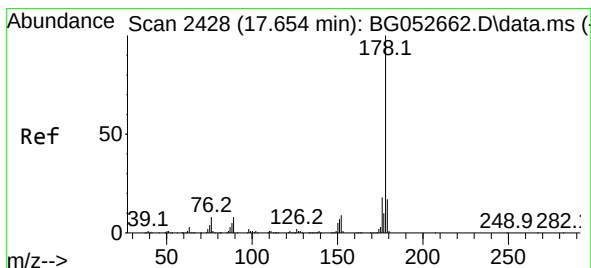
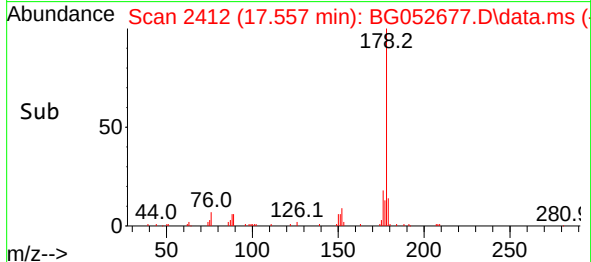
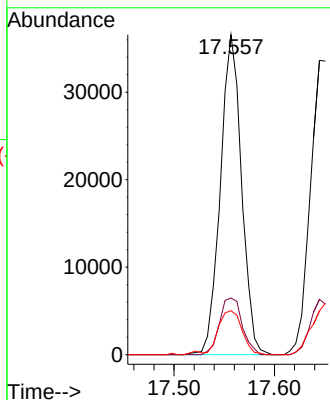
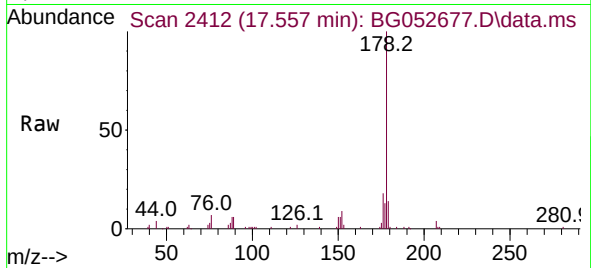




#71  
Phenanthrene  
Concen: 3.593 ng  
RT: 17.557 min Scan# 2413  
Delta R.T. -0.009 min  
Lab File: BG052677.D  
Acq: 16 Mar 2022 14:20

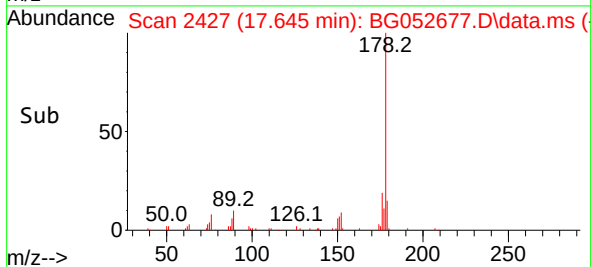
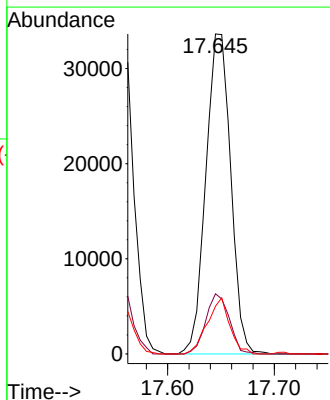
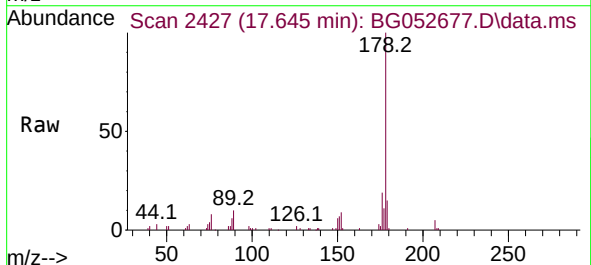
Instrument :  
BNA\_G  
ClientSampleId :  
LOD-MDL-WATER-01-QT1-2022

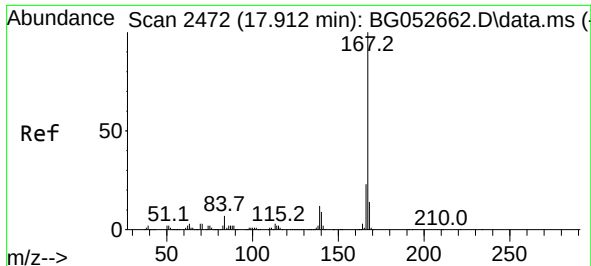
Tgt Ion:178 Resp: 53464  
Ion Ratio Lower Upper  
178 100  
176 17.7 15.9 23.9  
179 13.7 13.4 20.2



#72  
Anthracene  
Concen: 3.706 ng  
RT: 17.645 min Scan# 2427  
Delta R.T. -0.009 min  
Lab File: BG052677.D  
Acq: 16 Mar 2022 14:20

Tgt Ion:178 Resp: 54512  
Ion Ratio Lower Upper  
178 100  
176 18.8 14.7 22.1  
179 14.9 13.2 19.8

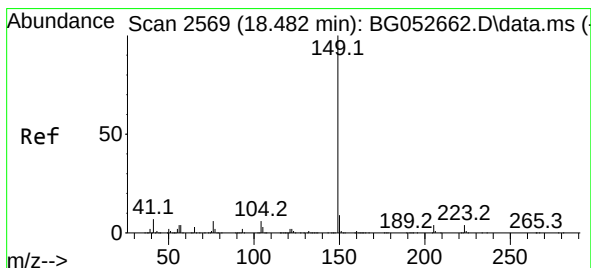
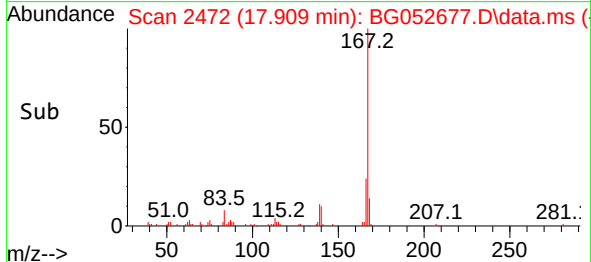
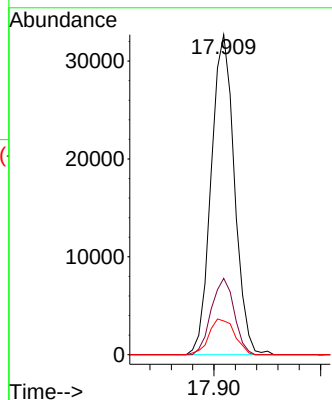
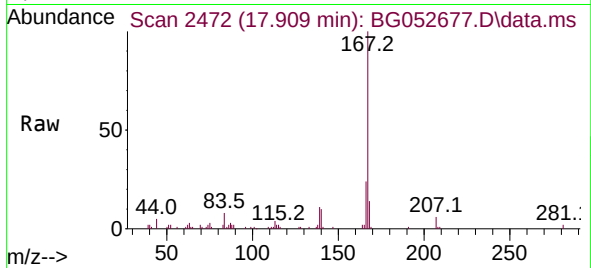




#73  
 Carbazole  
 Concen: 3.388 ng  
 RT: 17.909 min Scan# 2472  
 Delta R.T. -0.003 min  
 Lab File: BG052677.D  
 Acq: 16 Mar 2022 14:20

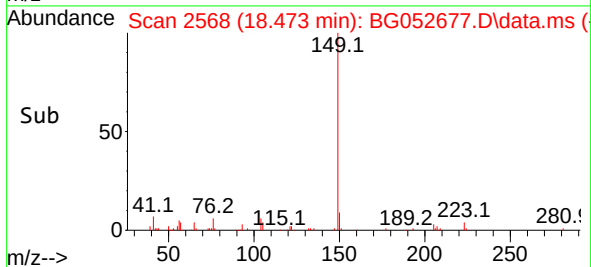
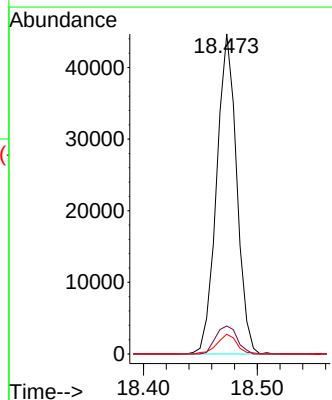
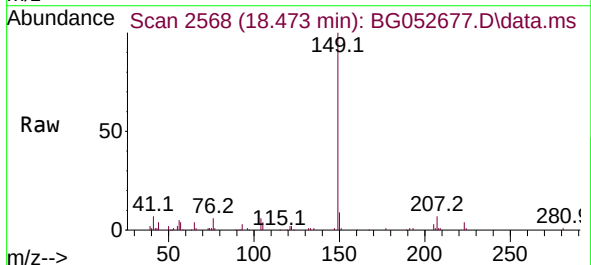
Instrument : BNA\_G  
 ClientSampleId : LOD-MDL-WATER-01-QT1-2022

Tgt Ion:167 Resp: 49356  
 Ion Ratio Lower Upper  
 167 100  
 166 23.8 18.5 27.7  
 139 10.5 10.0 15.0

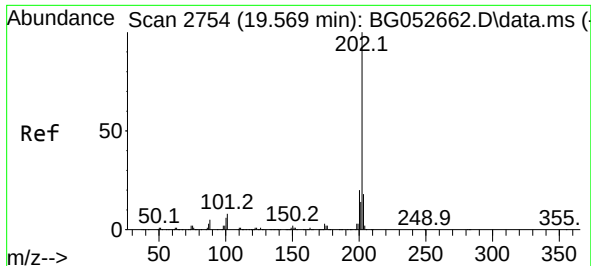


#74  
 Di-n-butylphthalate  
 Concen: 3.444 ng  
 RT: 18.473 min Scan# 2568  
 Delta R.T. -0.009 min  
 Lab File: BG052677.D  
 Acq: 16 Mar 2022 14:20

Tgt Ion:149 Resp: 54801  
 Ion Ratio Lower Upper  
 149 100  
 150 8.7 7.0 10.6  
 104 6.1 4.6 7.0



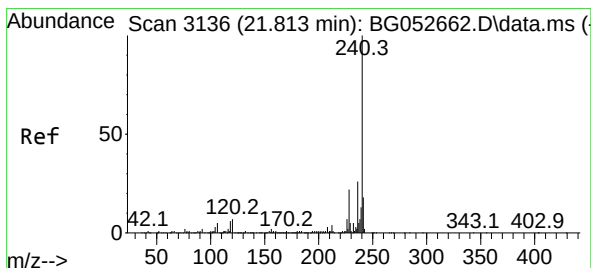
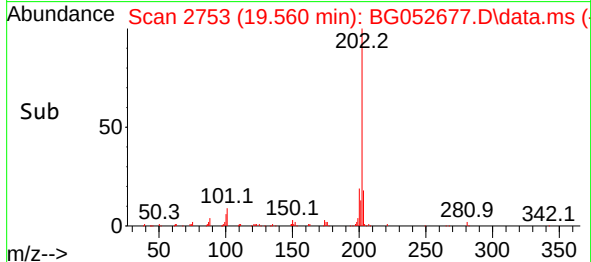
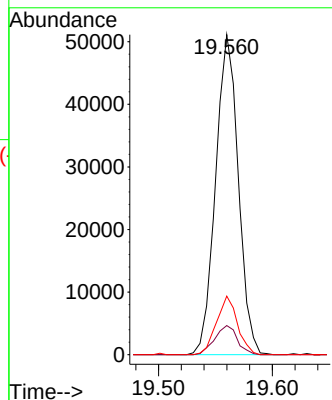
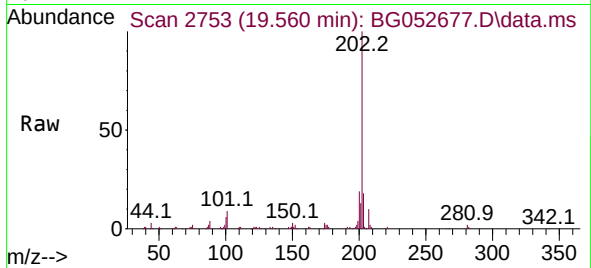




#75  
Fluoranthene  
Concen: 3.756 ng  
RT: 19.560 min Scan# 21  
Delta R.T. -0.009 min  
Lab File: BG052677.D  
Acq: 16 Mar 2022 14:20

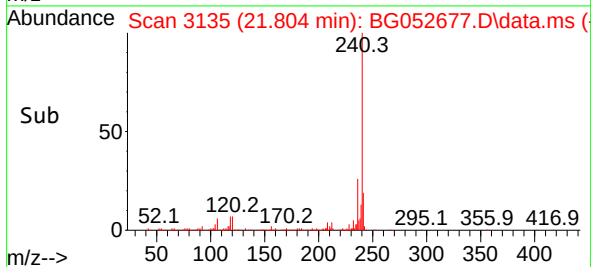
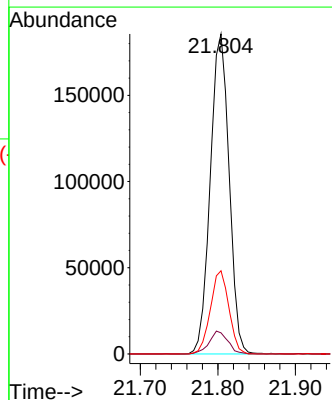
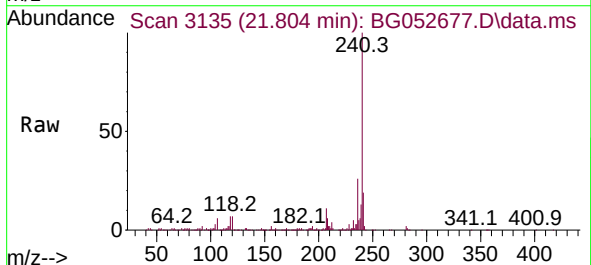
Instrument :  
BNA\_G  
ClientSampleId :  
LOD-MDL-WATER-01-QT1-2022

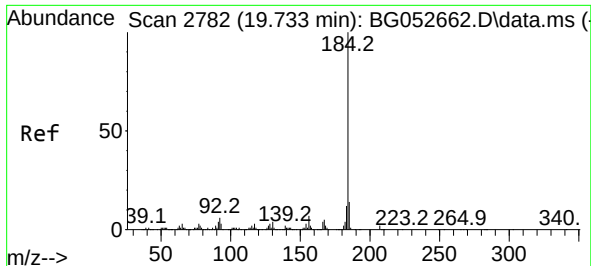
Tgt Ion:202 Resp: 70937  
Ion Ratio Lower Upper  
202 100  
101 9.1 0.0 27.3  
203 18.3 0.0 37.7



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.804 min Scan# 3135  
Delta R.T. -0.009 min  
Lab File: BG052677.D  
Acq: 16 Mar 2022 14:20

Tgt Ion:240 Resp: 312638  
Ion Ratio Lower Upper  
240 100  
120 6.6 5.4 8.0  
236 26.0 19.8 29.6

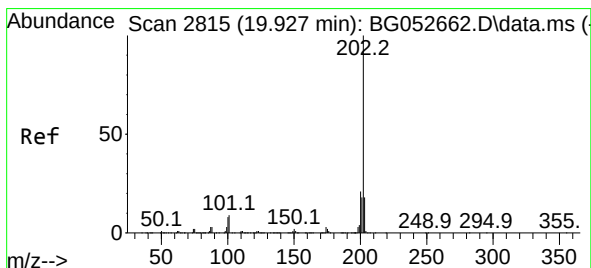
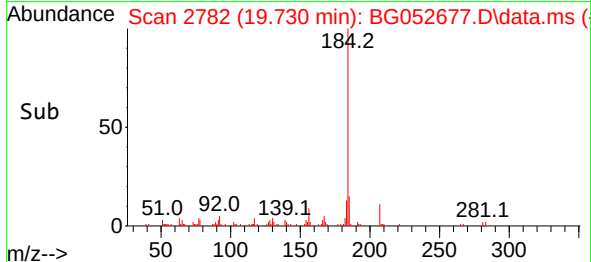
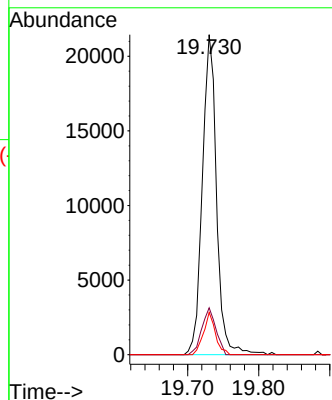
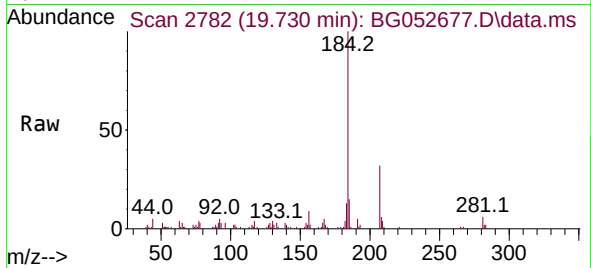




#77  
Benzidine  
Concen: 3.705 ng  
RT: 19.730 min Scan# 2782  
Delta R.T. -0.003 min  
Lab File: BG052677.D  
Acq: 16 Mar 2022 14:20

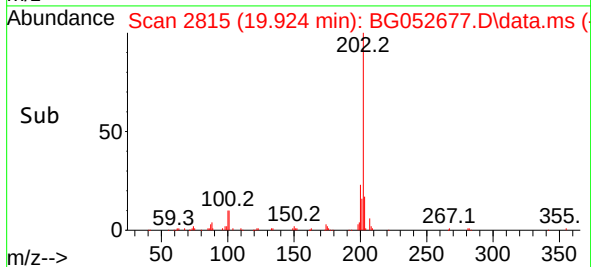
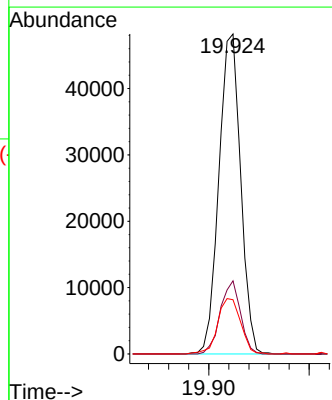
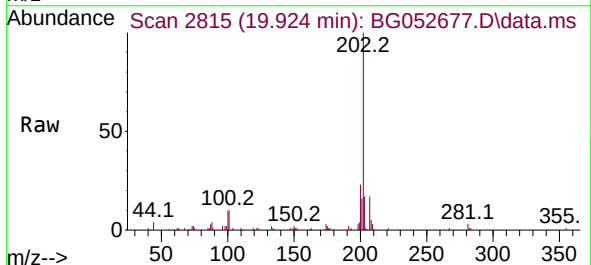
Instrument :  
BNA\_G  
ClientSampleId :  
LOD-MDL-WATER-01-QT1-2022

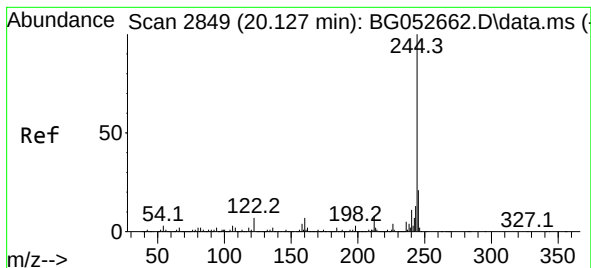
Tgt Ion:184 Resp: 29874  
Ion Ratio Lower Upper  
184 100  
185 14.7 11.5 17.3  
183 13.2 9.4 14.2



#78  
Pyrene  
Concen: 3.340 ng  
RT: 19.924 min Scan# 2815  
Delta R.T. -0.003 min  
Lab File: BG052677.D  
Acq: 16 Mar 2022 14:20

Tgt Ion:202 Resp: 72425  
Ion Ratio Lower Upper  
202 100  
200 22.9 17.0 25.6  
203 16.9 15.0 22.6





#79

Terphenyl-d14

Concen: 71.142 ng

RT: 20.118 min Scan# 21

Delta R.T. -0.009 min

Lab File: BG052677.D

Acq: 16 Mar 2022 14:20

Instrument :

BNA\_G

ClientSampleId :

LOD-MDL-WATER-01-QT1-2022

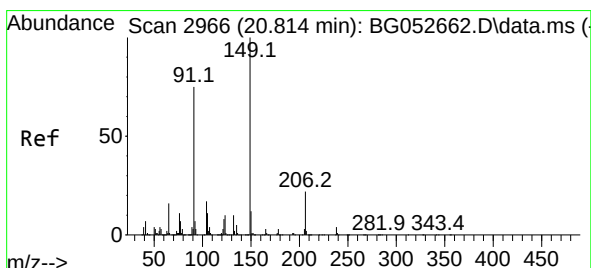
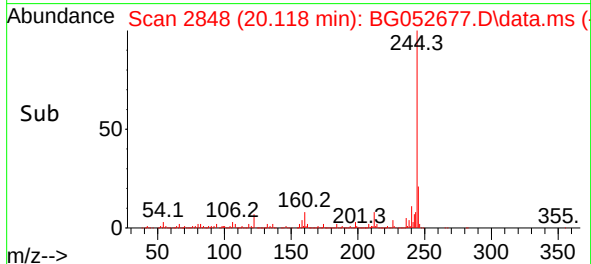
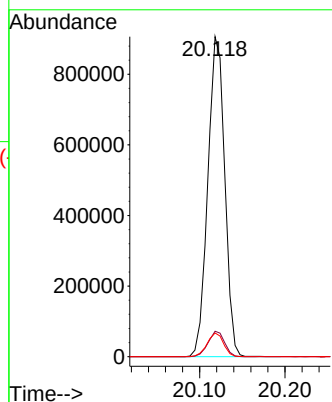
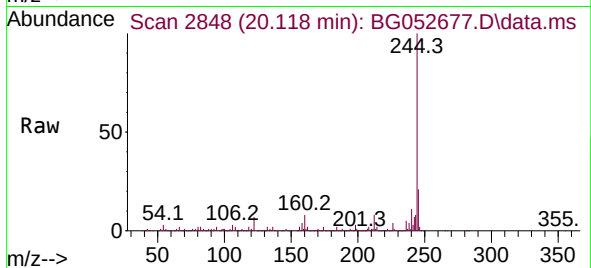
Tgt Ion:244 Resp: 1250350

Ion Ratio Lower Upper

244 100

212 8.0 5.4 8.2

122 7.4 5.8 8.6



#80

Butylbenzylphthalate

Concen: 3.013 ng

RT: 20.811 min Scan# 2966

Delta R.T. -0.003 min

Lab File: BG052677.D

Acq: 16 Mar 2022 14:20

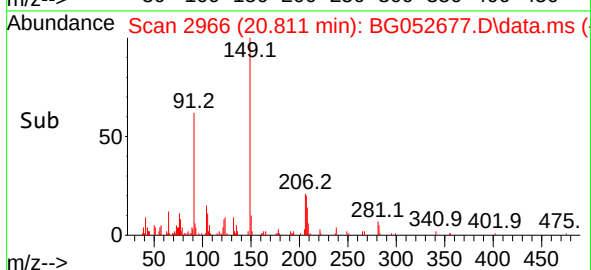
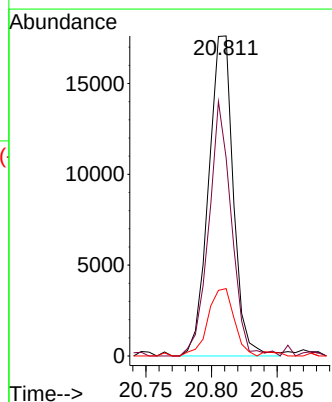
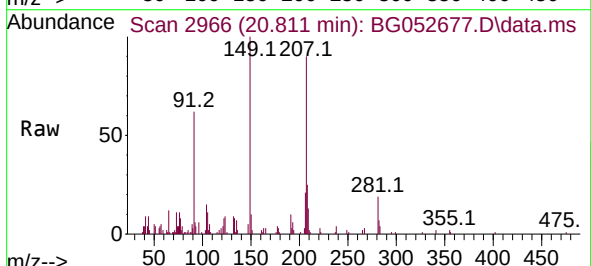
Tgt Ion:149 Resp: 23175

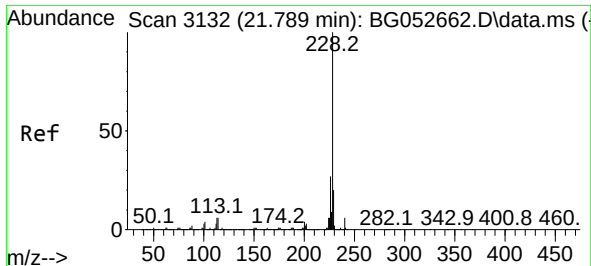
Ion Ratio Lower Upper

149 100

91 61.9 60.2 90.4

206 21.1 19.4 29.2

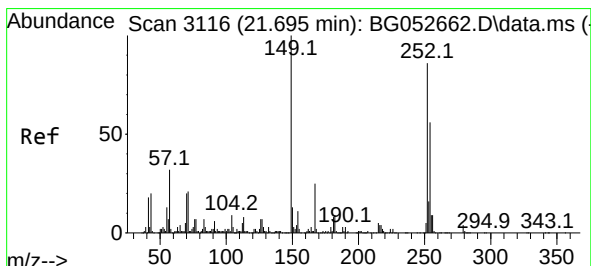
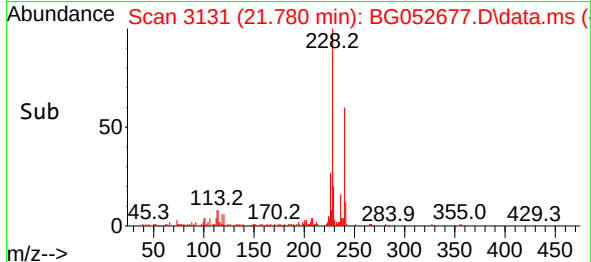
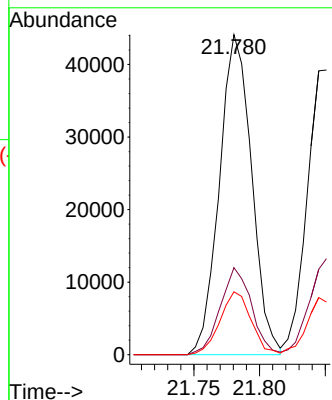
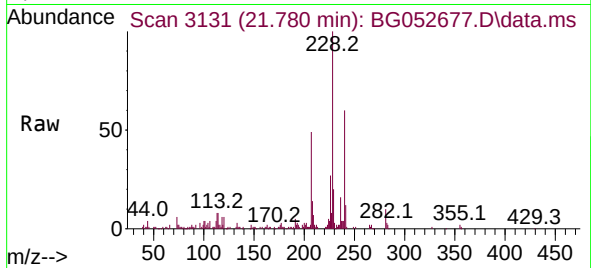




#81  
Benzo(a)anthracene  
Concen: 3.597 ng  
RT: 21.780 min Scan# 3132  
Delta R.T. -0.009 min  
Lab File: BG052677.D  
Acq: 16 Mar 2022 14:20

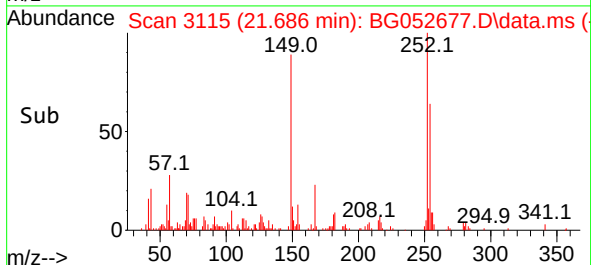
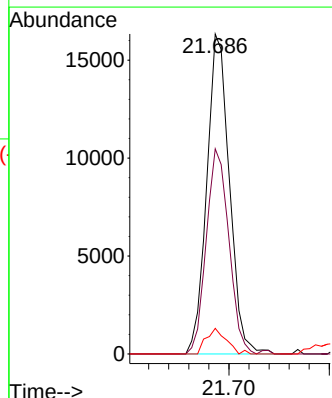
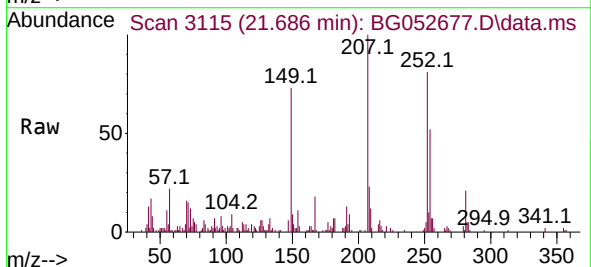
Instrument :  
BNA\_G  
ClientSampleId :  
LOD-MDL-WATER-01-QT1-2022

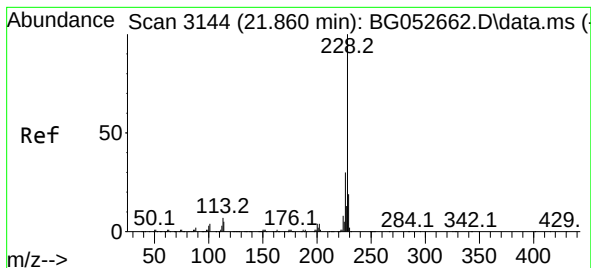
Tgt Ion:228 Resp: 75296  
Ion Ratio Lower Upper  
228 100  
226 27.2 21.4 32.0  
229 19.7 16.7 25.1



#82  
3,3'-Dichlorobenzidine  
Concen: 3.464 ng  
RT: 21.686 min Scan# 3115  
Delta R.T. -0.009 min  
Lab File: BG052677.D  
Acq: 16 Mar 2022 14:20

Tgt Ion:252 Resp: 25609  
Ion Ratio Lower Upper  
252 100  
254 64.1 51.2 76.8  
126 8.0 5.8 8.8





#83

Chrysene

Concen: 3.487 ng

RT: 21.851 min Scan# 3143

Delta R.T. -0.009 min

Lab File: BG052677.D

Acq: 16 Mar 2022 14:20

Instrument :

BNA\_G

ClientSampleId :

LOD-MDL-WATER-01-QT1-2022

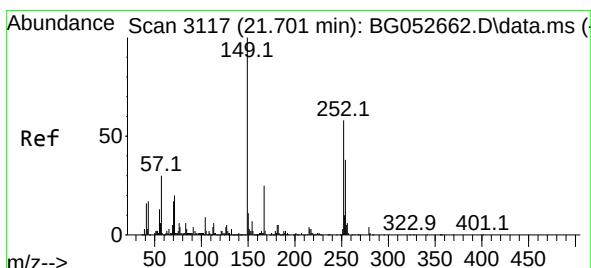
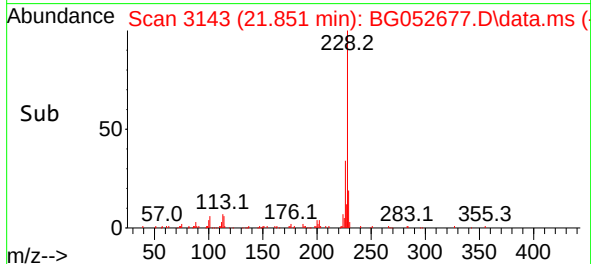
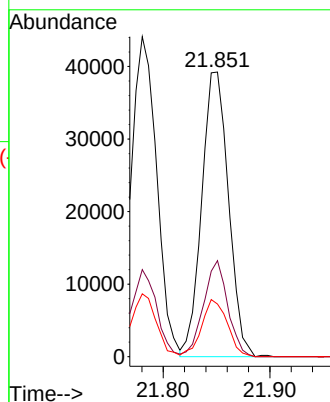
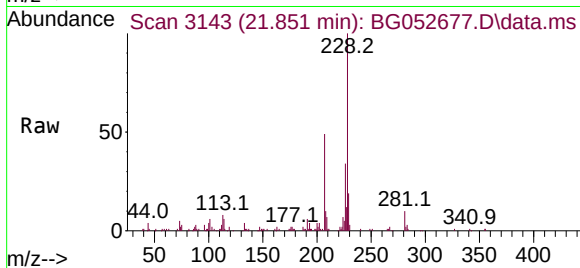
Tgt Ion:228 Resp: 68623

Ion Ratio Lower Upper

228 100

226 33.7 24.2 36.4

229 18.5 16.3 24.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 3.194 ng

RT: 21.692 min Scan# 3116

Delta R.T. -0.009 min

Lab File: BG052677.D

Acq: 16 Mar 2022 14:20

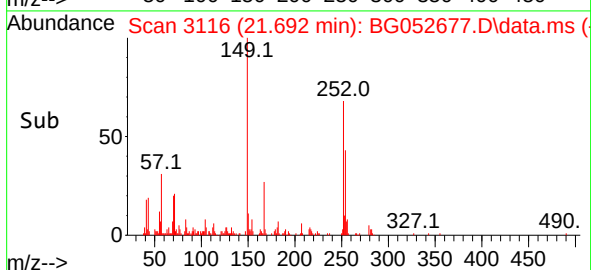
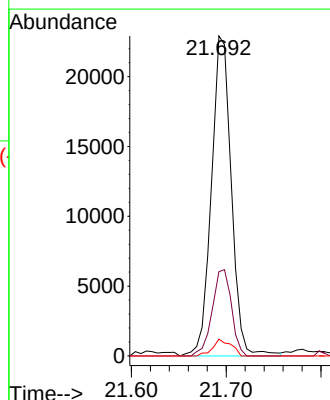
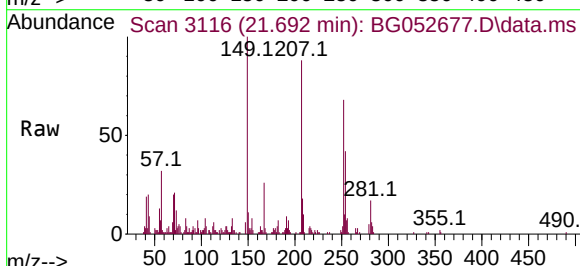
Tgt Ion:149 Resp: 33417

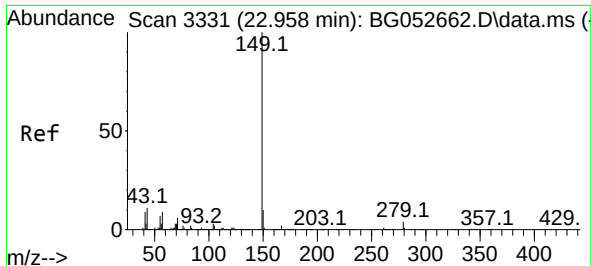
Ion Ratio Lower Upper

149 100

167 26.3 21.4 32.2

279 5.2 3.8 5.8

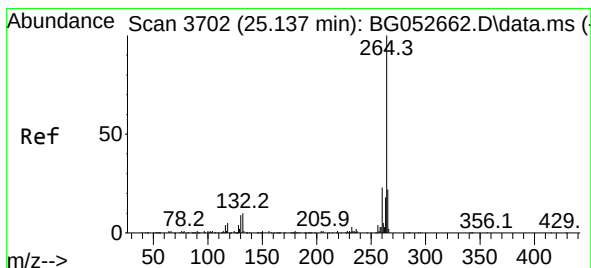
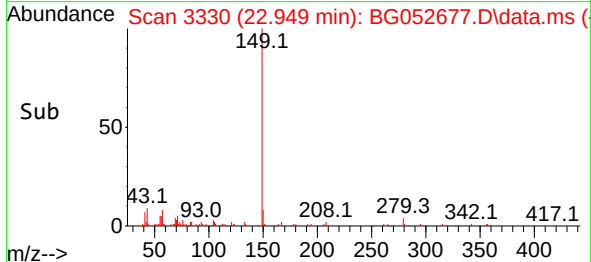
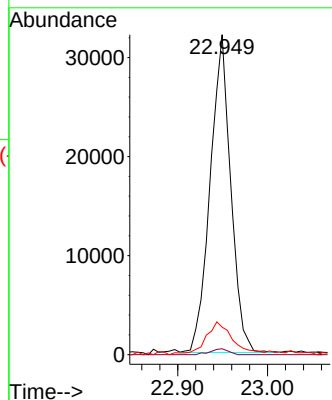
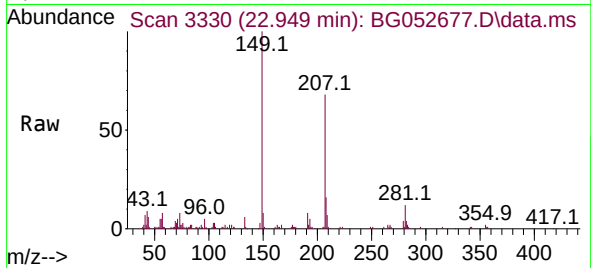




#85  
Di-n-octyl phthalate  
Concen: 2.929 ng  
RT: 22.949 min Scan# 31  
Delta R.T. -0.009 min  
Lab File: BG052677.D  
Acq: 16 Mar 2022 14:20

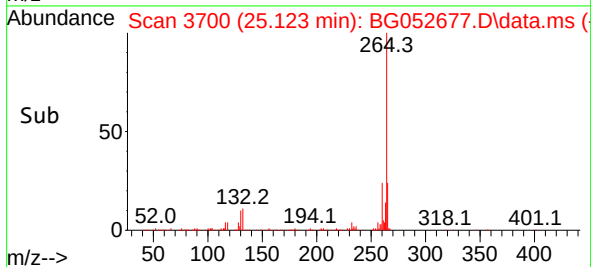
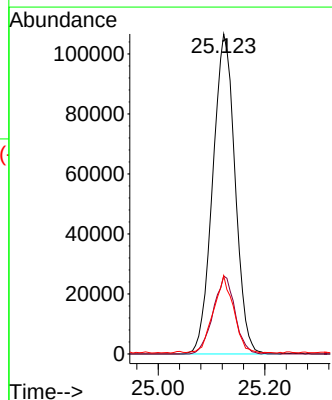
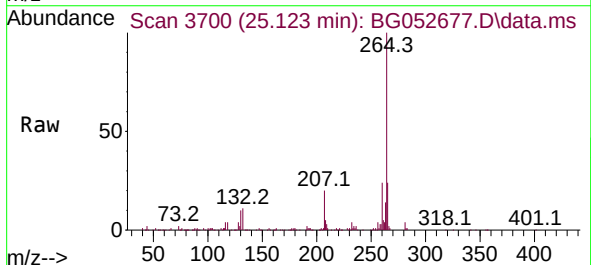
Instrument :  
BNA\_G  
ClientSampleId :  
LOD-MDL-WATER-01-QT1-2022

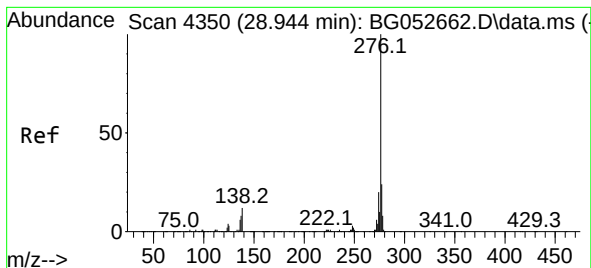
Tgt Ion:149 Resp: 51009  
Ion Ratio Lower Upper  
149 100  
167 1.6 1.2 1.8  
43 13.5 7.6 11.4#



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 25.123 min Scan# 3700  
Delta R.T. -0.015 min  
Lab File: BG052677.D  
Acq: 16 Mar 2022 14:20

Tgt Ion:264 Resp: 309860  
Ion Ratio Lower Upper  
264 100  
260 24.4 18.2 27.2  
265 24.5 15.1 22.7#





#87

Indeno(1,2,3-cd)pyrene

Concen: 3.382 ng

RT: 28.912 min Scan# 41

Delta R.T. -0.032 min

Lab File: BG052677.D

Acq: 16 Mar 2022 14:20

Instrument :

BNA\_G

ClientSampleId :

LOD-MDL-WATER-01-QT1-2022

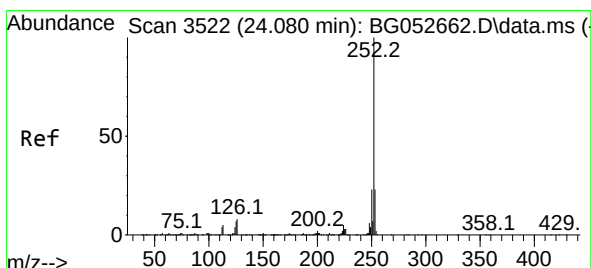
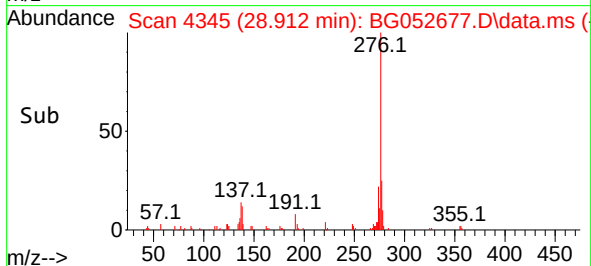
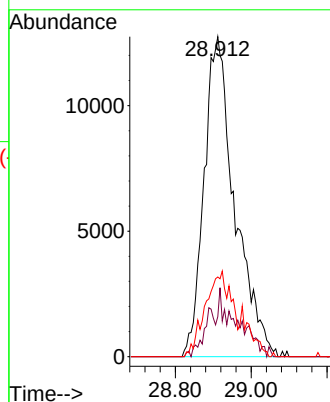
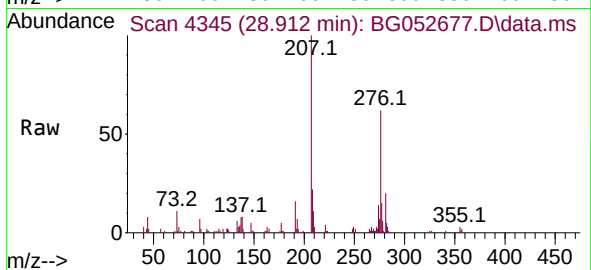
Tgt Ion:276 Resp: 71729

Ion Ratio Lower Upper

276 100

138 1.7 8.7 13.1#

277 22.5 20.2 30.4



#88

Benzo(b)fluoranthene

Concen: 3.774 ng

RT: 24.066 min Scan# 3520

Delta R.T. -0.015 min

Lab File: BG052677.D

Acq: 16 Mar 2022 14:20

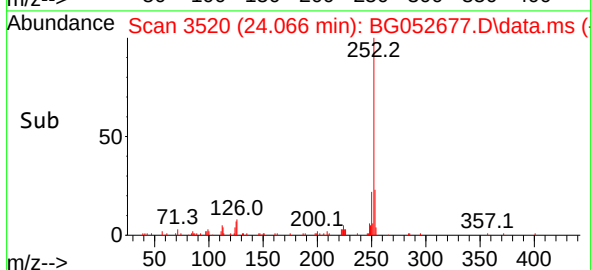
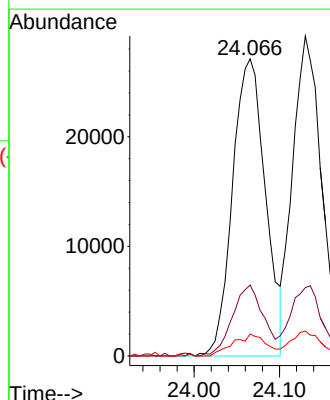
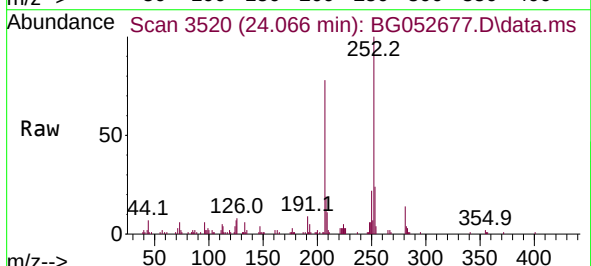
Tgt Ion:252 Resp: 72617

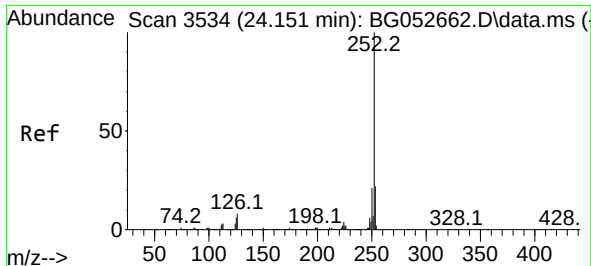
Ion Ratio Lower Upper

252 100

253 23.8 17.2 25.8

125 7.4 5.2 7.8

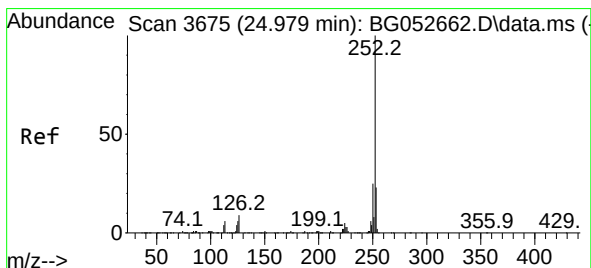
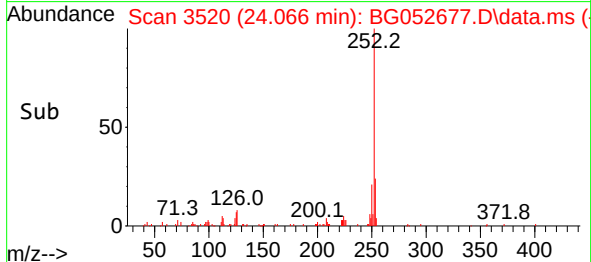
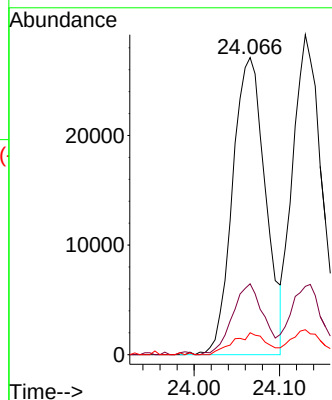
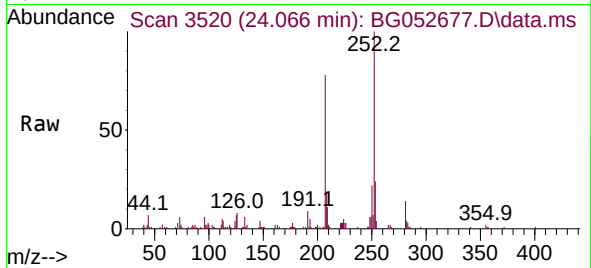




#89  
Benzo(k)fluoranthene  
Concen: 3.836 ng  
RT: 24.066 min Scan# 31  
Delta R.T. -0.085 min  
Lab File: BG052677.D  
Acq: 16 Mar 2022 14:20

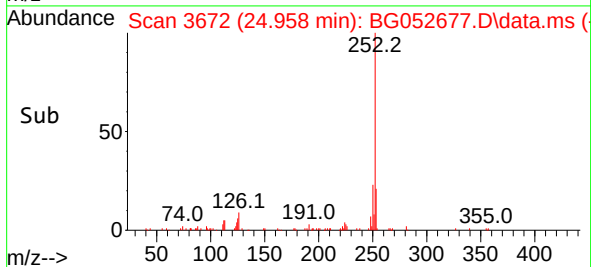
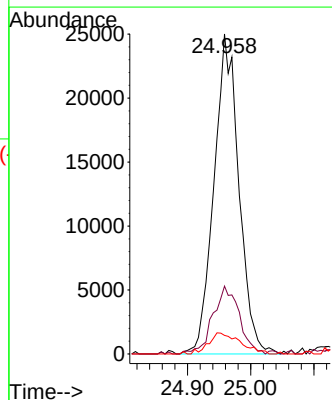
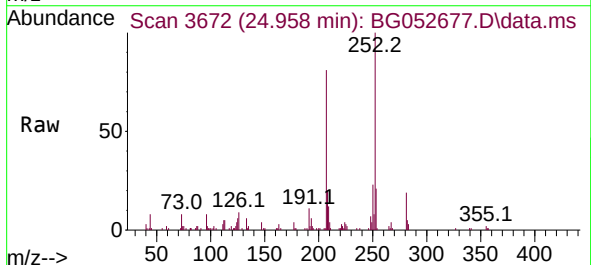
Instrument :  
BNA\_G  
ClientSampleId :  
LOD-MDL-WATER-01-QT1-2022

Tgt Ion:252 Resp: 72617  
Ion Ratio Lower Upper  
252 100  
253 23.8 17.4 26.0  
125 7.4 5.0 7.4

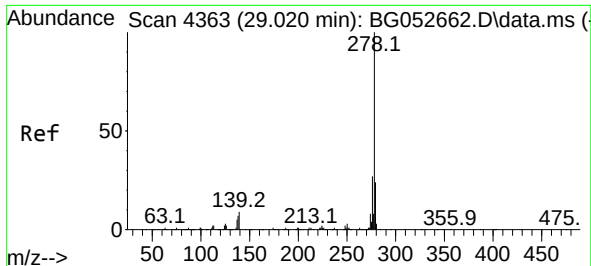


#90  
Benzo(a)pyrene  
Concen: 4.203 ng  
RT: 24.958 min Scan# 3672  
Delta R.T. -0.020 min  
Lab File: BG052677.D  
Acq: 16 Mar 2022 14:20

Tgt Ion:252 Resp: 68443  
Ion Ratio Lower Upper  
252 100  
253 21.2 18.4 27.6  
125 5.8 5.6 8.4



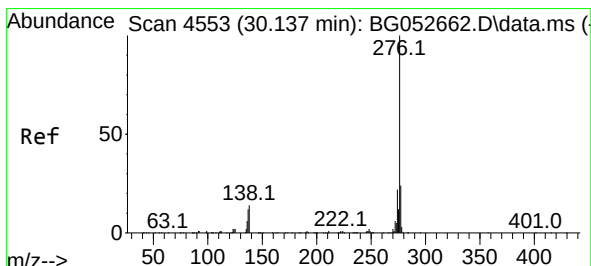
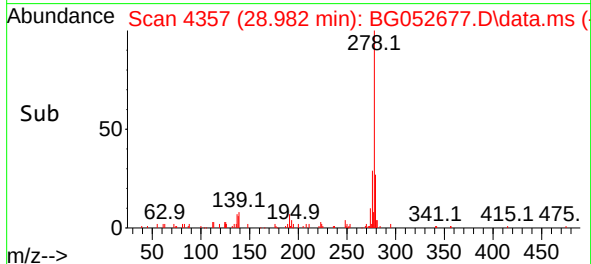
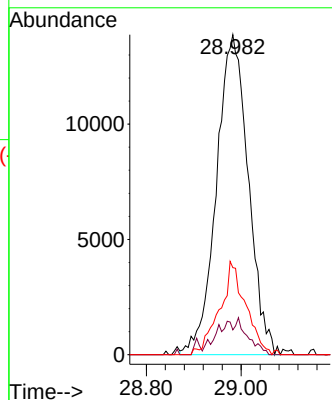
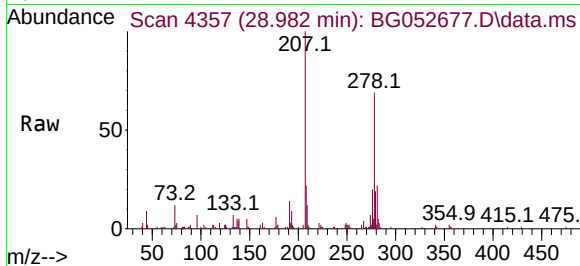




#91  
 Dibenzo(a,h)anthracene  
 Concen: 3.706 ng  
 RT: 28.982 min Scan# 41  
 Delta R.T. -0.038 min  
 Lab File: BG052677.D  
 Acq: 16 Mar 2022 14:20

Instrument :  
 BNA\_G  
 ClientSampleId :  
 LOD-MDL-WATER-01-QT1-2022

Tgt Ion:278 Resp: 64767  
 Ion Ratio Lower Upper  
 278 100  
 139 7.7 7.8 11.6#  
 279 27.2 18.5 27.7



#92  
 Benzo(g,h,i)perylene  
 Concen: 3.565 ng  
 RT: 30.093 min Scan# 4546  
 Delta R.T. -0.044 min  
 Lab File: BG052677.D  
 Acq: 16 Mar 2022 14:20

Tgt Ion:276 Resp: 61638  
 Ion Ratio Lower Upper  
 276 100  
 277 20.7 18.2 27.2  
 138 14.2 9.1 13.7#

