

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG020625\  
 Data File : BG064018.D  
 Acq On : 6 Feb 2025 15:21  
 Operator : RC/JU  
 Sample : Q1168-09  
 Misc : MDL-MDL-WATER 8PPM  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 MDL-WATER-03-QT1-2025

Quant Time: Feb 06 16:13:59 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG020325.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Feb 04 02:51:00 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.872  | 152  | 51256    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.657 | 136  | 223337   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.494 | 164  | 148048   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.238 | 188  | 331686   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 21.468 | 240  | 372919   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 24.500 | 264  | 389721   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.458  | 112  | 435180   | 136.127 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.038  | 99   | 629946   | 143.589 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.024  | 82   | 431244   | 117.352 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 15.981 | 330  | 248016   | 143.231 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.125 | 172  | 965679   | 99.938  | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.858 | 244  | 1748022  | 97.895  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.390  | 88   | 15276    | 10.062  | ng    | 98       |
| 3) Pyridine                   | 3.783  | 79   | 36621m   | 8.933   | ng    |          |
| 4) n-Nitrosodimethylamine     | 3.695  | 42   | 23120m   | 9.808   | ng    |          |
| 6) Aniline                    | 7.197  | 93   | 48081    | 10.227  | ng    | 97       |
| 8) 2-Chlorophenol             | 7.438  | 128  | 33321    | 10.229  | ng    | 98       |
| 9) Benzaldehyde               | 7.009  | 77   | 33657    | 14.053  | ng    | 86       |
| 10) Phenol                    | 7.062  | 94   | 44747    | 9.689   | ng    | 95       |
| 11) bis(2-Chloroethyl)ether   | 7.297  | 93   | 35814    | 9.631   | ng    | 93       |
| 12) 1,3-Dichlorobenzene       | 7.761  | 146  | 36451    | 9.404   | ng    | 98       |
| 13) 1,4-Dichlorobenzene       | 7.908  | 146  | 35923    | 9.176   | ng    | 97       |
| 14) 1,2-Dichlorobenzene       | 8.225  | 146  | 36056    | 9.609   | ng    | 97       |
| 15) Benzyl Alcohol            | 8.102  | 79   | 32861    | 10.021  | ng    | 90       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.395  | 45   | 81101    | 10.830  | ng    | 99       |
| 17) 2-Methylphenol            | 8.307  | 107  | 28454    | 9.527   | ng    | 95       |
| 18) Hexachloroethane          | 8.954  | 117  | 12970    | 10.067  | ng    | 93       |
| 19) n-Nitroso-di-n-propyla... | 8.672  | 70   | 30097    | 9.906   | ng    | # 91     |
| 20) 3+4-Methylphenols         | 8.630  | 107  | 39884    | 10.023  | ng    | 96       |
| 22) Acetophenone              | 8.689  | 105  | 61615    | 10.041  | ng    | # 96     |
| 24) Nitrobenzene              | 9.065  | 77   | 43364    | 13.220  | ng    | 93       |
| 25) Isophorone                | 9.582  | 82   | 83430    | 10.473  | ng    | 99       |
| 26) 2-Nitrophenol             | 9.770  | 139  | 10448    | 18.614  | ng    | 90       |
| 27) 2,4-Dimethylphenol        | 9.829  | 122  | 20752    | 9.056   | ng    | 94       |
| 28) bis(2-Chloroethoxy)met... | 10.070 | 93   | 48662    | 9.600   | ng    | # 98     |
| 29) 2,4-Dichlorophenol        | 10.299 | 162  | 28540    | 12.062  | ng    | 96       |
| 30) 1,2,4-Trichlorobenzene    | 10.522 | 180  | 36153    | 9.603   | ng    | 89       |
| 31) Naphthalene               | 10.710 | 128  | 115139   | 9.616   | ng    | 99       |
| 32) Benzoic acid              | 9.905  | 122  | 7172m    | 12.006  | ng    |          |
| 33) 4-Chloroaniline           | 10.816 | 127  | 44134    | 9.620   | ng    | 94       |
| 34) Hexachlorobutadiene       | 11.010 | 225  | 22685    | 9.462   | ng    | 92       |
| 35) Caprolactam               | 11.545 | 113  | 10222    | 13.074  | ng    | # 79     |
| 36) 4-Chloro-3-methylphenol   | 11.927 | 107  | 34471    | 9.398   | ng    | 99       |
| 37) 2-Methylnaphthalene       | 12.320 | 142  | 79546    | 9.533   | ng    | 93       |
| 38) 1-Methylnaphthalene       | 12.538 | 142  | 74356    | 9.006   | ng    | 97       |
| 40) 1,2,4,5-Tetrachloroben... | 12.685 | 216  | 45138    | 10.339  | ng    | 97       |
| 41) Hexachlorocyclopentadiene | 12.673 | 237  | 12393    | 11.216  | ng    | 94       |
| 43) 2,4,6-Trichlorophenol     | 12.925 | 196  | 22083    | 12.624  | ng    | 95       |

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Feb 04 02:51:00 2025  
 Response via : Initial Calibration

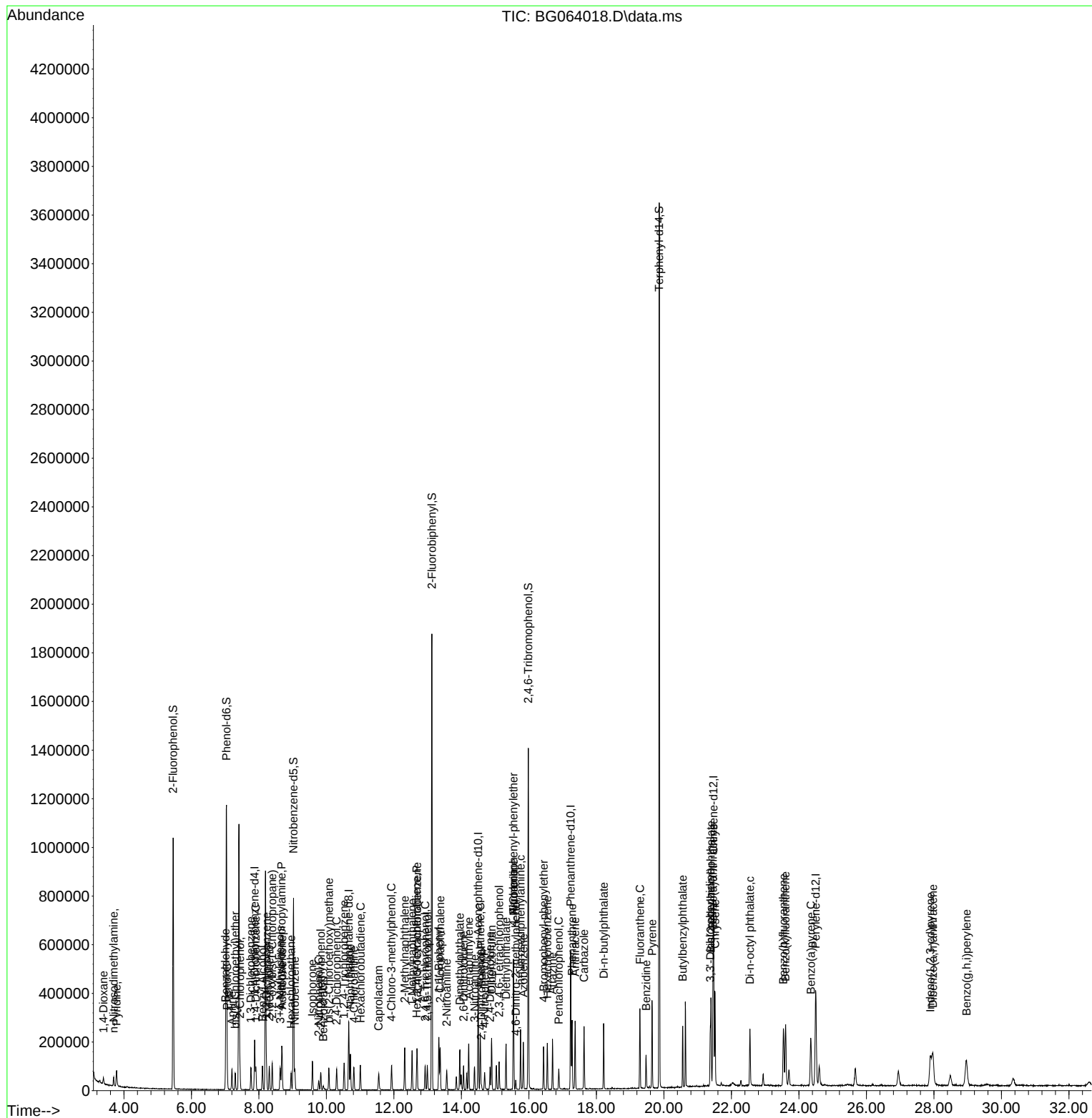
| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 12.990 | 196  | 25847    | 12.159 | ng    | 93       |
| 46) 1,1'-Biphenyl             | 13.331 | 154  | 110998   | 9.847  | ng    | 98       |
| 47) 2-Chloronaphthalene       | 13.372 | 162  | 81059    | 9.866  | ng    | 99       |
| 48) 2-Nitroaniline            | 13.560 | 65   | 20742    | 14.426 | ng    | 94       |
| 49) Acenaphthylene            | 14.218 | 152  | 130780   | 10.248 | ng    | 98       |
| 50) Dimethylphthalate         | 13.954 | 163  | 99857    | 10.173 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 14.065 | 165  | 16743    | 13.646 | ng    | 94       |
| 52) Acenaphthene              | 14.559 | 154  | 84852    | 9.913  | ng    | 89       |
| 53) 3-Nitroaniline            | 14.388 | 138  | 18825    | 13.024 | ng    | 97       |
| 54) 2,4-Dinitrophenol         | 14.588 | 184  | 3551     | 14.158 | ng    | 96       |
| 55) Dibenzofuran              | 14.894 | 168  | 133613   | 9.613  | ng    | 99       |
| 56) 4-Nitrophenol             | 14.688 | 139  | 14095    | 15.076 | ng    | 97       |
| 57) 2,4-Dinitrotoluene        | 14.847 | 165  | 21573    | 14.050 | ng    | # 93     |
| 58) Fluorene                  | 15.540 | 166  | 104444   | 9.722  | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol | 15.117 | 232  | 25342    | 13.318 | ng    | 95       |
| 60) Diethylphthalate          | 15.323 | 149  | 103840   | 9.977  | ng    | 97       |
| 61) 4-Chlorophenyl-phenyle... | 15.540 | 204  | 53060    | 9.844  | ng    | 95       |
| 62) 4-Nitroaniline            | 15.546 | 138  | 20188    | 11.916 | ng    | 96       |
| 63) Azobenzene                | 15.834 | 77   | 114108   | 9.283  | ng    | 98       |
| 65) 4,6-Dinitro-2-methylph... | 15.610 | 198  | 7615     | 16.393 | ng    | 86       |
| 66) n-Nitrosodiphenylamine    | 15.752 | 169  | 91737    | 9.975  | ng    | 97       |
| 67) 4-Bromophenyl-phenylether | 16.433 | 248  | 32838    | 9.947  | ng    | 99       |
| 68) Hexachlorobenzene         | 16.545 | 284  | 38385    | 9.889  | ng    | # 91     |
| 69) Atrazine                  | 16.697 | 200  | 33935    | 11.089 | ng    | 98       |
| 70) Pentachlorophenol         | 16.885 | 266  | 15600    | 14.174 | ng    | 89       |
| 71) Phenanthrene              | 17.279 | 178  | 174922   | 10.041 | ng    | 98       |
| 72) Anthracene                | 17.367 | 178  | 173520   | 9.954  | ng    | 97       |
| 73) Carbazole                 | 17.632 | 167  | 160540   | 9.838  | ng    | 97       |
| 74) Di-n-butylphthalate       | 18.213 | 149  | 174656   | 10.268 | ng    | 100      |
| 75) Fluoranthene              | 19.289 | 202  | 209636   | 9.882  | ng    | 97       |
| 77) Benzidine                 | 19.471 | 184  | 77772    | 9.794  | ng    | # 94     |
| 78) Pyrene                    | 19.647 | 202  | 226896   | 9.856  | ng    | 98       |
| 80) Butylbenzylphthalate      | 20.558 | 149  | 69365    | 13.186 | ng    | 100      |
| 81) Benzo(a)anthracene        | 21.451 | 228  | 239048   | 10.096 | ng    | 98       |
| 82) 3,3'-Dichlorobenzidine    | 21.374 | 252  | 77175    | 10.466 | ng    | 97       |
| 83) Chrysene                  | 21.515 | 228  | 233691   | 9.918  | ng    | 97       |
| 84) Bis(2-ethylhexyl)phtha... | 21.392 | 149  | 116520   | 12.666 | ng    | 97       |
| 85) Di-n-octyl phthalate      | 22.549 | 149  | 183589   | 14.385 | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 27.896 | 276  | 251682   | 10.010 | ng    | 100      |
| 88) Benzo(b)fluoranthene      | 23.536 | 252  | 214625   | 9.352  | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 23.601 | 252  | 235675   | 10.001 | ng    | 97       |
| 90) Benzo(a)pyrene            | 24.353 | 252  | 206544   | 10.083 | ng    | 98       |
| 91) Dibenzo(a,h)anthracene    | 27.967 | 278  | 211882   | 9.980  | ng    | 98       |
| 92) Benzo(g,h,i)perylene      | 28.965 | 276  | 197250   | 9.203  | ng    | 98       |

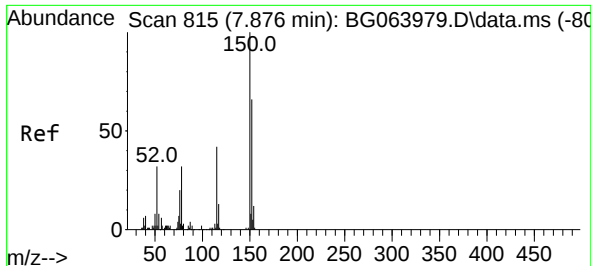
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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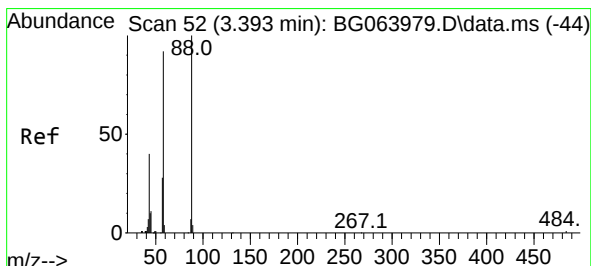
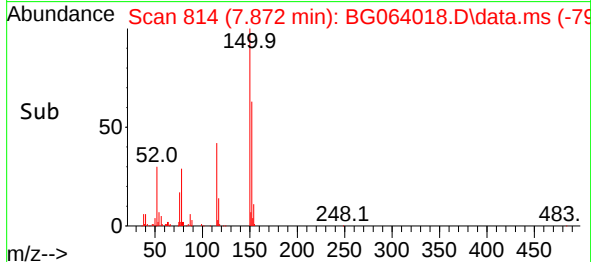
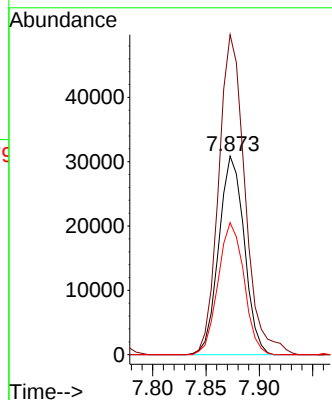
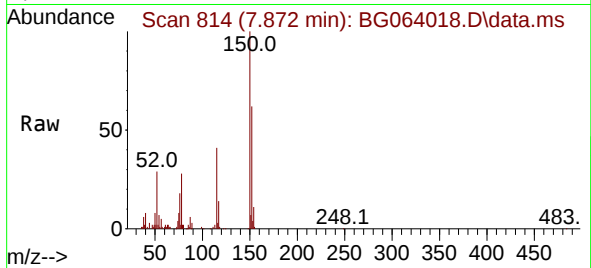




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.872 min Scan# 815  
Delta R.T. -0.004 min  
Lab File: BG064018.D  
Acq: 6 Feb 2025 15:21

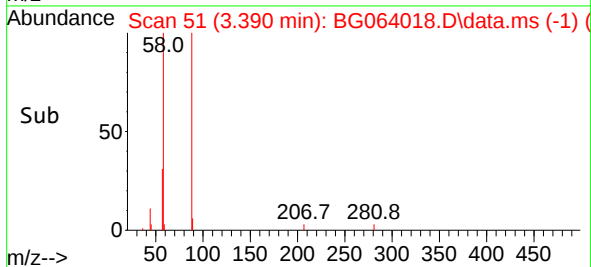
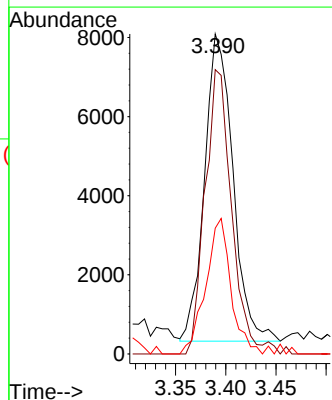
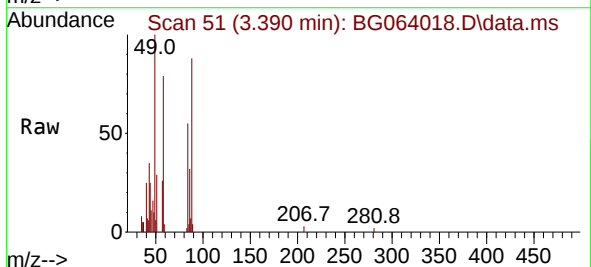
Instrument :  
BNA\_G  
ClientSampleId :  
MDL-WATER-03-QT1-2025

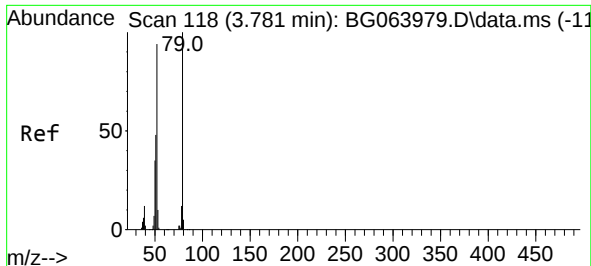
Tgt Ion:152 Resp: 51256  
Ion Ratio Lower Upper  
152 100  
150 161.2 121.0 181.6  
115 66.5 50.4 75.6



#2  
1,4-Dioxane  
Concen: 10.062 ng  
RT: 3.390 min Scan# 51  
Delta R.T. -0.004 min  
Lab File: BG064018.D  
Acq: 6 Feb 2025 15:21

Tgt Ion: 88 Resp: 15276  
Ion Ratio Lower Upper  
88 100  
58 87.2 71.8 107.8  
43 39.1 31.2 46.8





#3

Pyridine

Concen: 8.933 ng m

RT: 3.783 min Scan# 118

Delta R.T. 0.002 min

Lab File: BG064018.D

Acq: 6 Feb 2025 15:21

Instrument :

BNA\_G

ClientSampleId :

MDL-WATER-03-QT1-2025

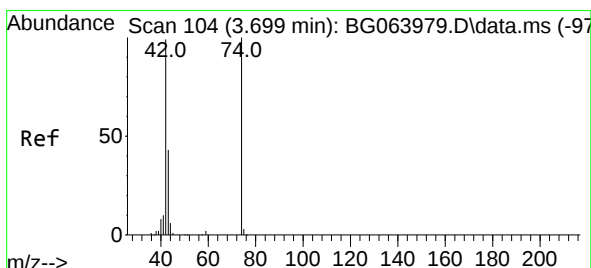
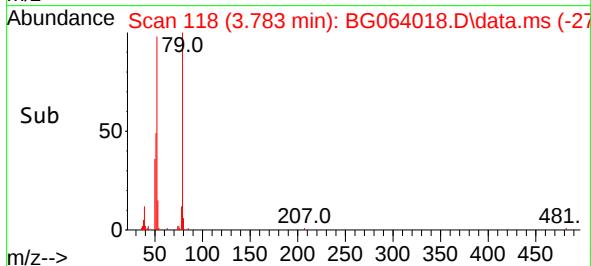
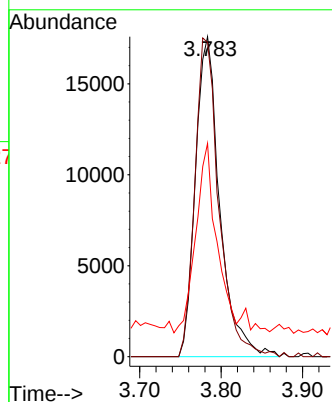
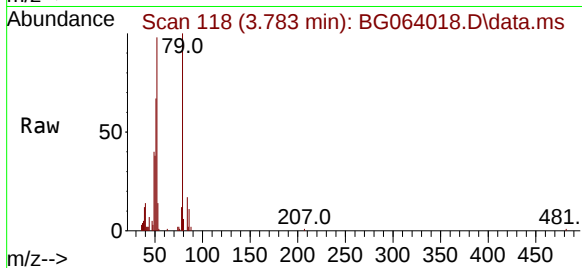
Tgt Ion: 79 Resp: 36621

Ion Ratio Lower Upper

79 100

52 98.2 75.1 112.7

51 66.6 38.9 58.3#



#4

n-Nitrosodimethylamine

Concen: 9.808 ng m

RT: 3.695 min Scan# 103

Delta R.T. -0.004 min

Lab File: BG064018.D

Acq: 6 Feb 2025 15:21

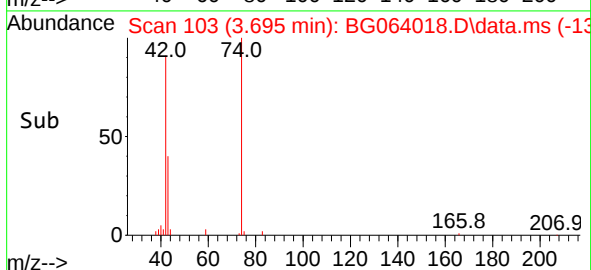
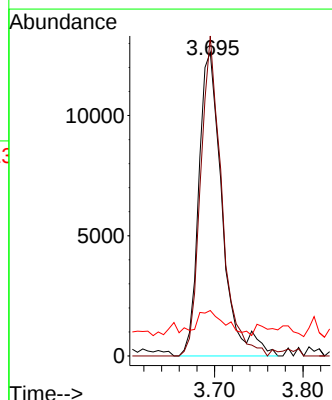
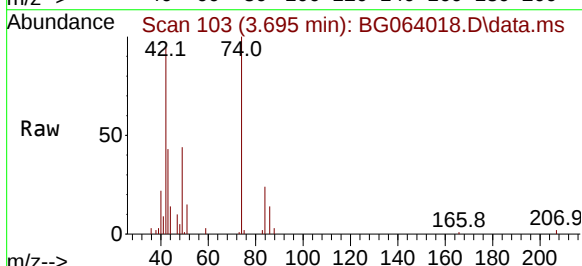
Tgt Ion: 42 Resp: 23120

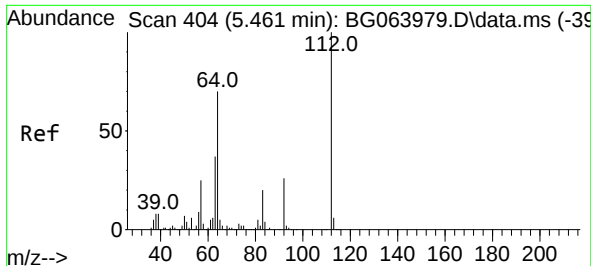
Ion Ratio Lower Upper

42 100

74 105.4 80.8 121.2

44 14.9 5.8 8.6#

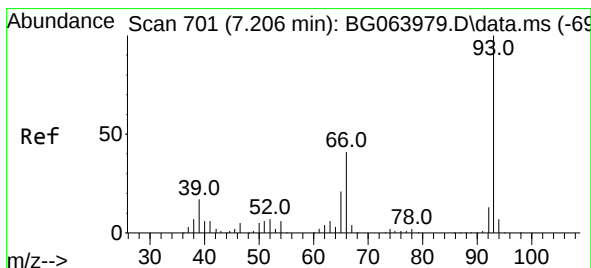
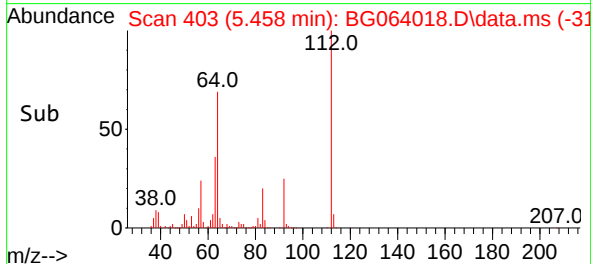
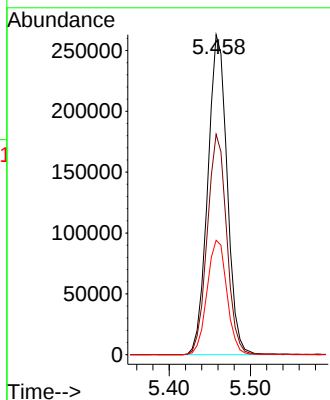
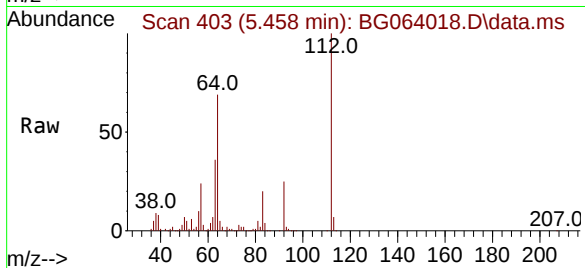




#5  
2-Fluorophenol  
Concen: 136.127 ng  
RT: 5.458 min Scan# 404  
Delta R.T. -0.004 min  
Lab File: BG064018.D  
Acq: 6 Feb 2025 15:21

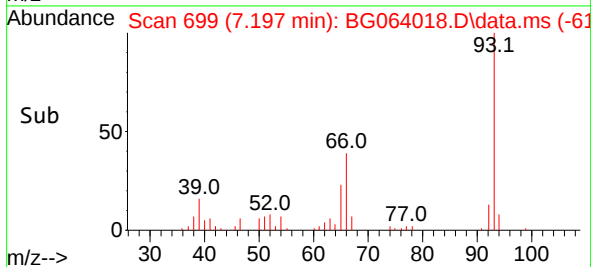
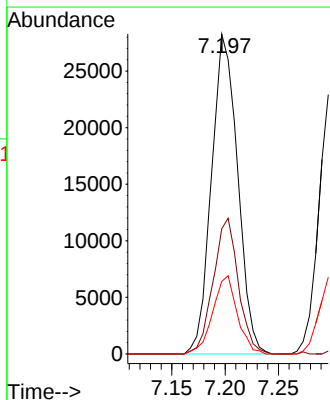
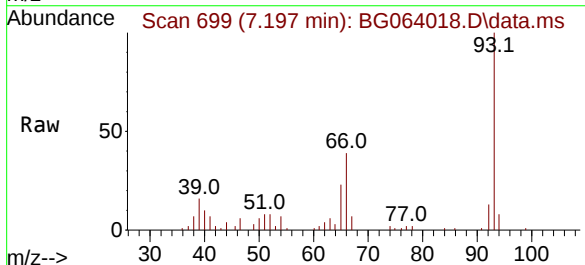
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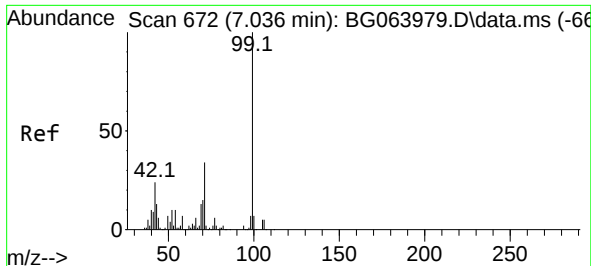
Tgt Ion:112 Resp: 435180  
Ion Ratio Lower Upper  
112 100  
64 68.8 55.8 83.8  
63 35.7 29.3 43.9



#6  
Aniline  
Concen: 10.227 ng  
RT: 7.197 min Scan# 699  
Delta R.T. -0.010 min  
Lab File: BG064018.D  
Acq: 6 Feb 2025 15:21

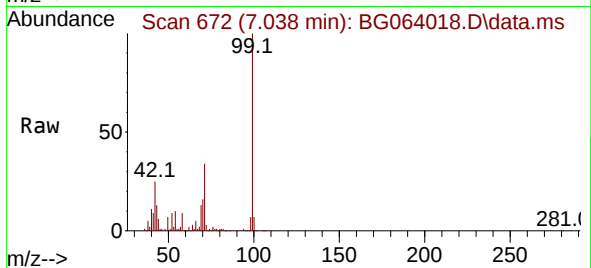
Tgt Ion: 93 Resp: 48081  
Ion Ratio Lower Upper  
93 100  
66 39.1 32.5 48.7  
65 22.7 16.6 25.0





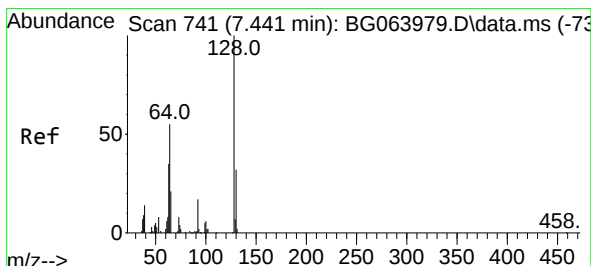
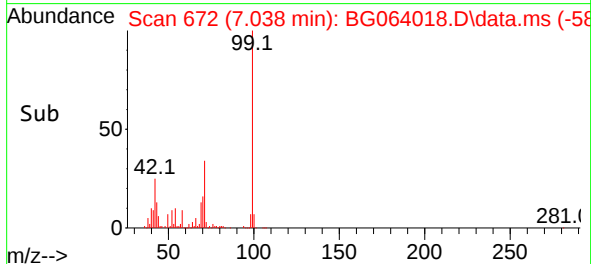
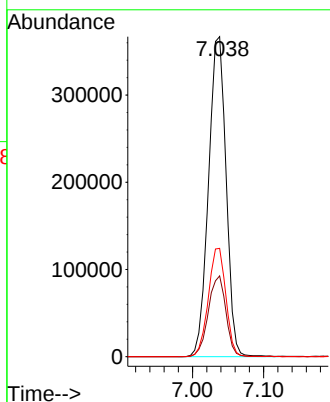
#7  
Phenol-d6  
Concen: 143.589 ng  
RT: 7.038 min Scan# 61  
Delta R.T. 0.002 min  
Lab File: BG064018.D  
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Tgt Ion: 99 Resp: 629946

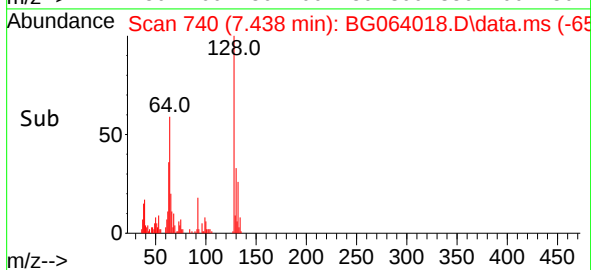
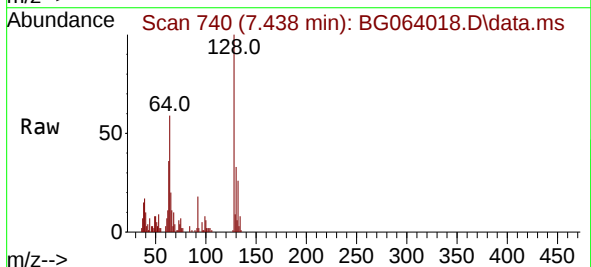
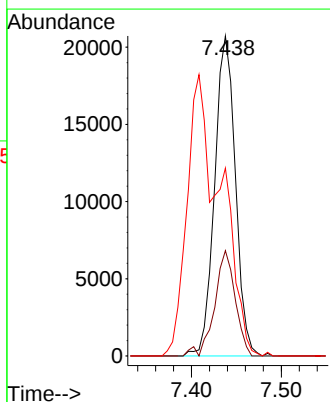
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 25.3  | 18.9  | 28.3  |
| 71  | 33.9  | 27.0  | 40.6  |

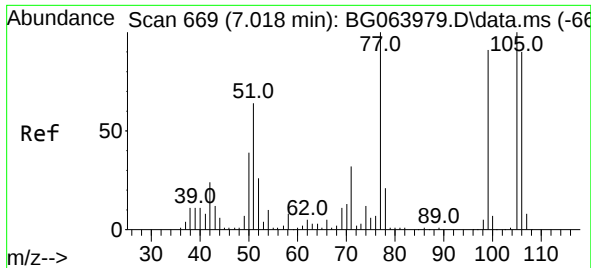


#8  
2-Chlorophenol  
Concen: 10.229 ng  
RT: 7.438 min Scan# 740  
Delta R.T. -0.004 min  
Lab File: BG064018.D  
Acq: 6 Feb 2025 15:21

Tgt Ion: 128 Resp: 33321

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 130 | 32.9  | 11.9  | 51.9  |
| 64  | 58.7  | 36.8  | 76.8  |

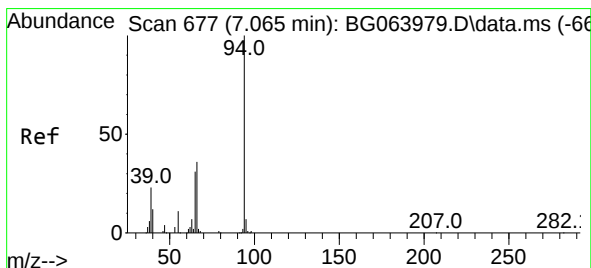
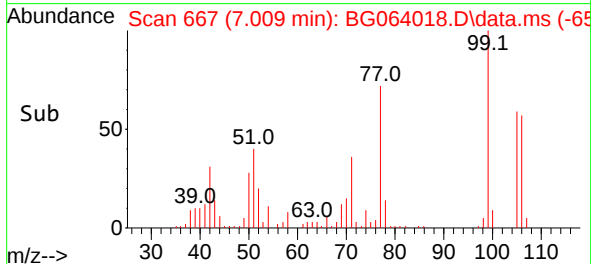
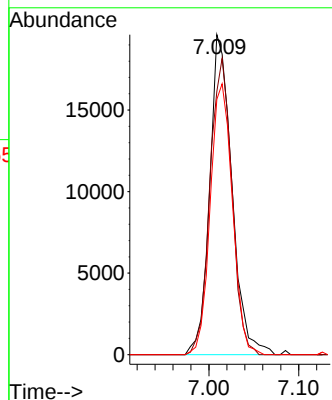
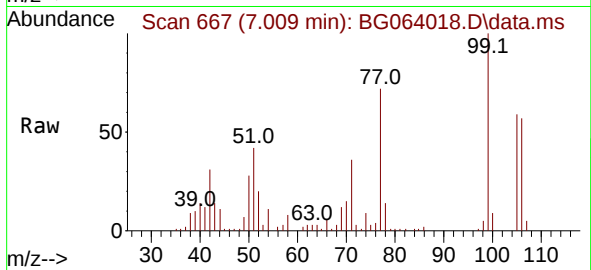




#9  
Benzaldehyde  
Concen: 14.053 ng  
RT: 7.009 min Scan# 610  
Delta R.T. -0.010 min  
Lab File: BG064018.D  
Acq: 6 Feb 2025 15:21

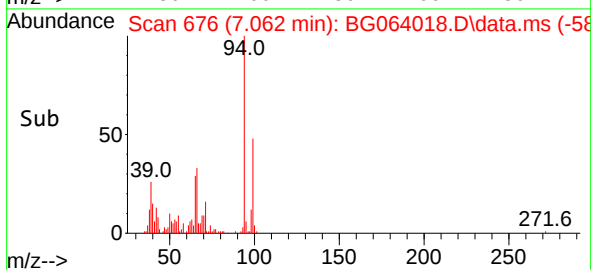
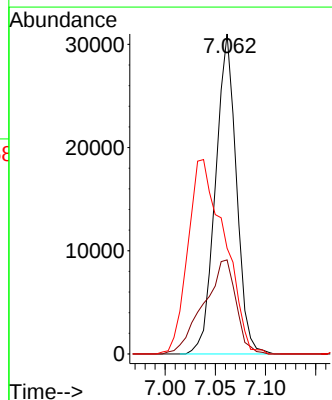
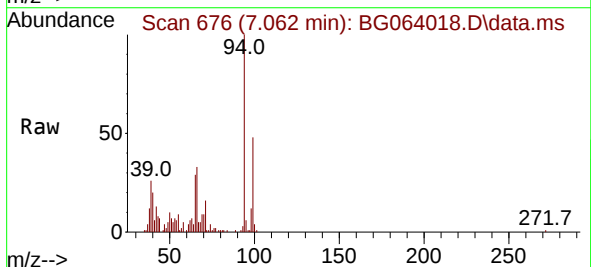
Instrument :  
BNA\_G  
ClientSampleId :  
MDL-WATER-03-QT1-2025

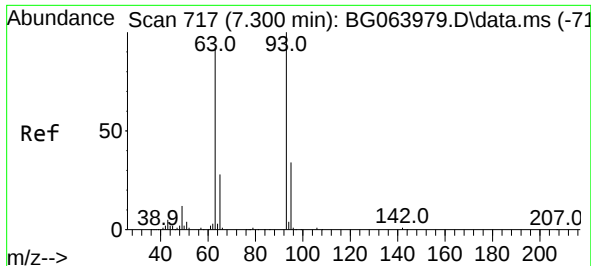
Tgt Ion: 77 Resp: 33657  
Ion Ratio Lower Upper  
77 100  
105 82.3 79.8 119.8  
106 79.8 69.9 109.9



#10  
Phenol  
Concen: 9.689 ng  
RT: 7.062 min Scan# 676  
Delta R.T. -0.004 min  
Lab File: BG064018.D  
Acq: 6 Feb 2025 15:21

Tgt Ion: 94 Resp: 44747  
Ion Ratio Lower Upper  
94 100  
65 29.4 11.4 51.4  
66 33.0 16.7 56.7

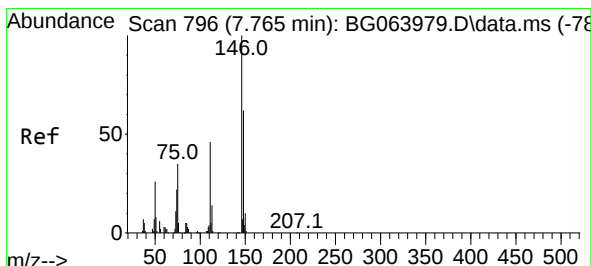
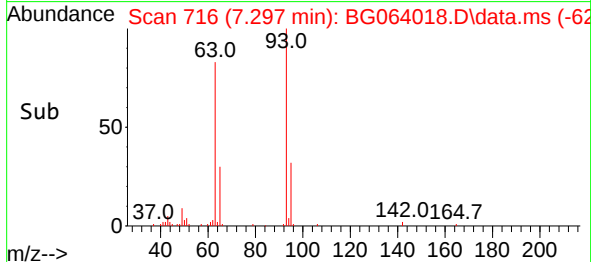
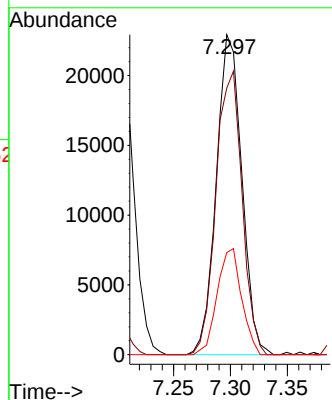
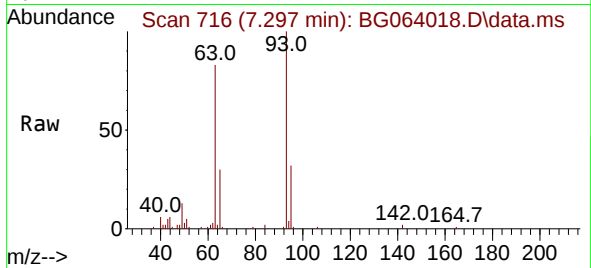




#11  
bis(2-Chloroethyl)ether  
Concen: 9.631 ng  
RT: 7.297 min Scan# 716  
Delta R.T. -0.004 min  
Lab File: BG064018.D  
Acq: 6 Feb 2025 15:21

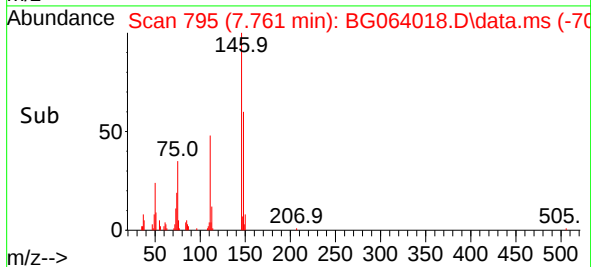
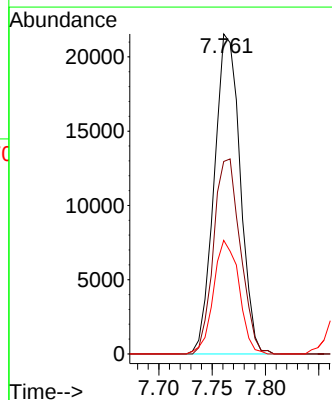
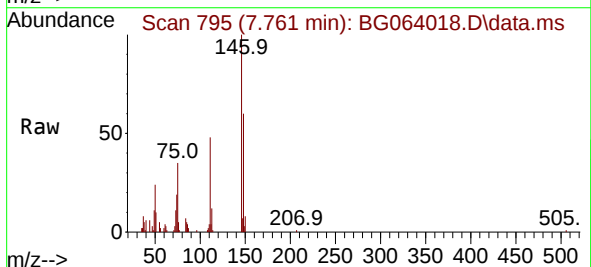
Instrument :  
BNA\_G  
ClientSampleId :  
MDL-WATER-03-QT1-2025

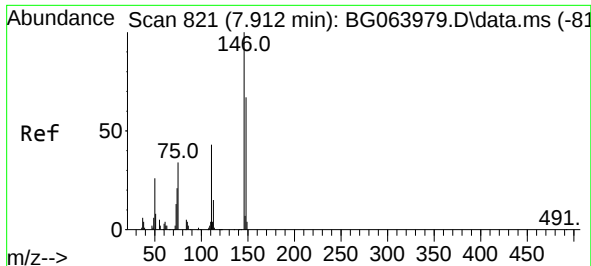
Tgt Ion: 93 Resp: 35814  
Ion Ratio Lower Upper  
93 100  
63 83.3 71.2 111.2  
95 31.9 13.9 53.9



#12  
1,3-Dichlorobenzene  
Concen: 9.404 ng  
RT: 7.761 min Scan# 795  
Delta R.T. -0.004 min  
Lab File: BG064018.D  
Acq: 6 Feb 2025 15:21

Tgt Ion:146 Resp: 36451  
Ion Ratio Lower Upper  
146 100  
148 60.2 49.6 74.4  
75 35.5 27.8 41.8

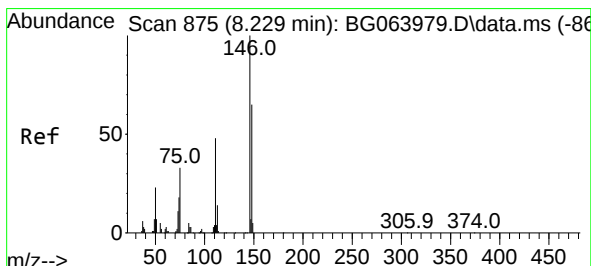
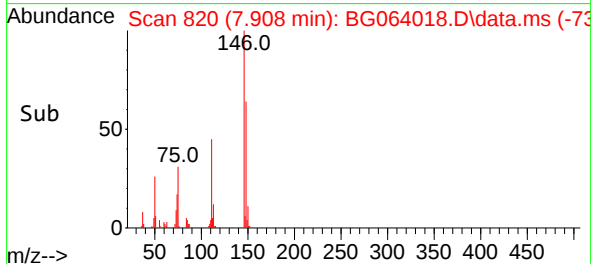
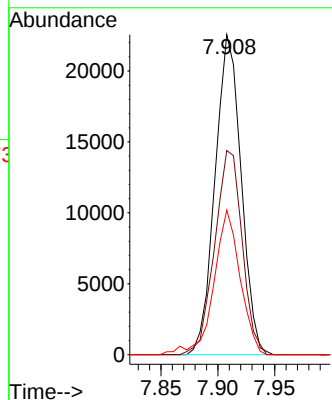
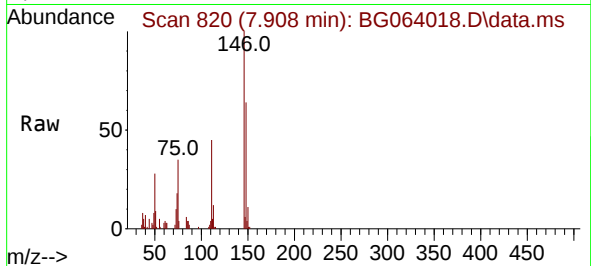




#13  
1,4-Dichlorobenzene  
Concen: 9.176 ng  
RT: 7.908 min Scan# 81  
Delta R.T. -0.004 min  
Lab File: BG064018.D  
Acq: 6 Feb 2025 15:21

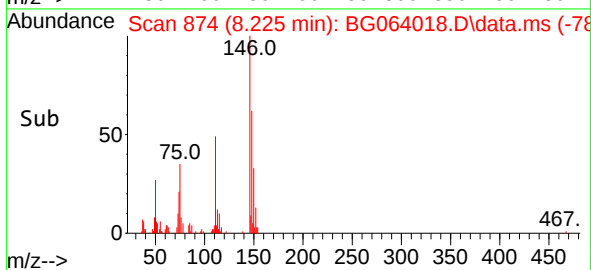
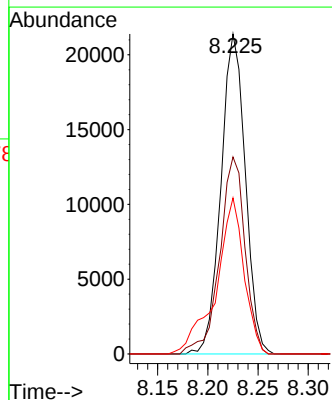
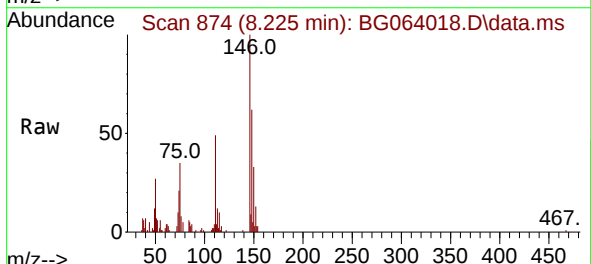
Instrument :  
BNA\_G  
ClientSampleId :  
MDL-WATER-03-QT1-2025

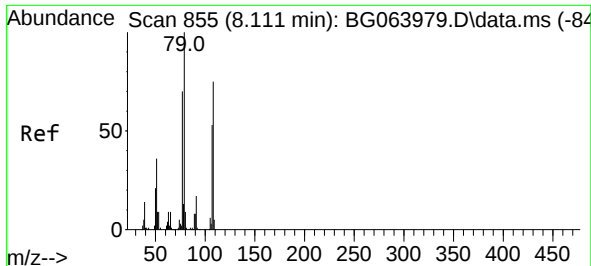
Tgt Ion:146 Resp: 35923  
Ion Ratio Lower Upper  
146 100  
148 63.8 53.3 79.9  
111 45.1 34.8 52.2



#14  
1,2-Dichlorobenzene  
Concen: 9.609 ng  
RT: 8.225 min Scan# 874  
Delta R.T. -0.004 min  
Lab File: BG064018.D  
Acq: 6 Feb 2025 15:21

Tgt Ion:146 Resp: 36056  
Ion Ratio Lower Upper  
146 100  
148 61.5 52.0 78.0  
111 48.8 38.2 57.2

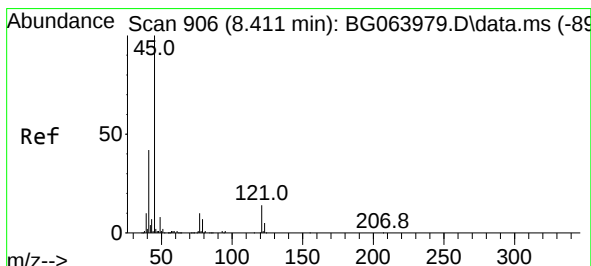
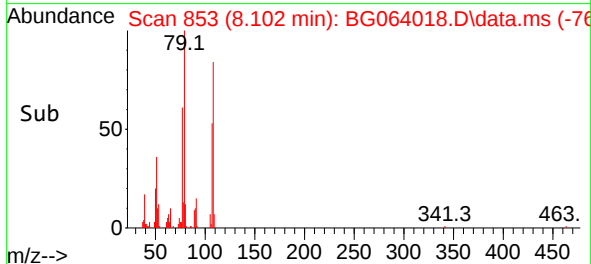
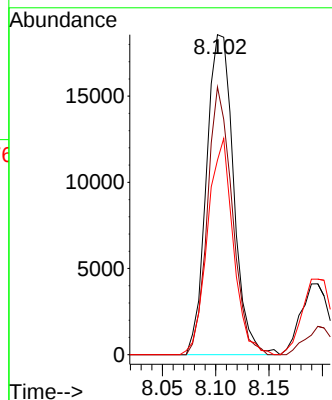
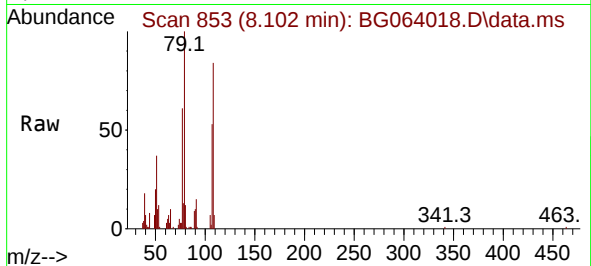




#15  
Benzyl Alcohol  
Concen: 10.021 ng  
RT: 8.102 min Scan# 81  
Delta R.T. -0.010 min  
Lab File: BG064018.D  
Acq: 6 Feb 2025 15:21

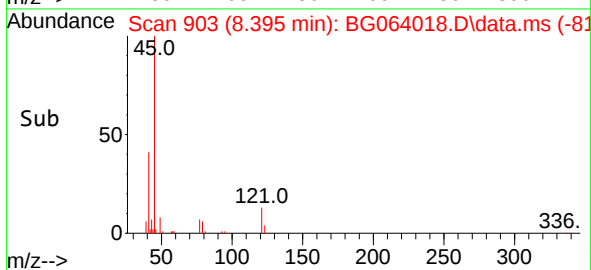
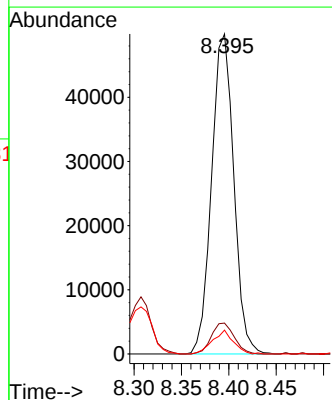
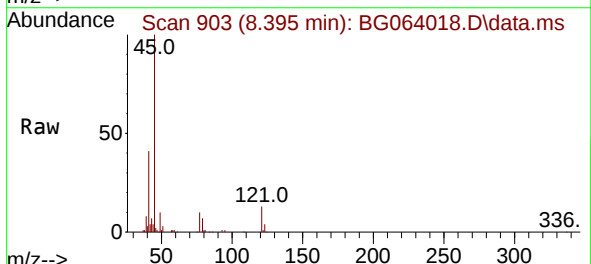
Instrument :  
BNA\_G  
ClientSampleId :  
MDL-WATER-03-QT1-2025

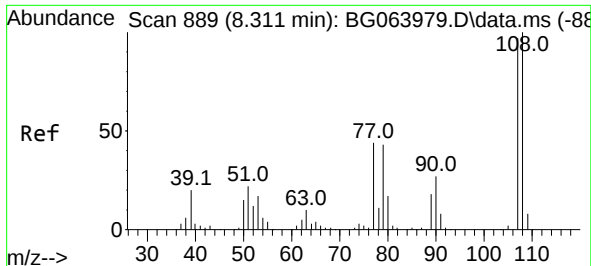
Tgt Ion: 79 Resp: 32861  
Ion Ratio Lower Upper  
79 100  
108 83.7 60.3 90.5  
77 60.8 55.8 83.8



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 10.830 ng  
RT: 8.395 min Scan# 903  
Delta R.T. -0.016 min  
Lab File: BG064018.D  
Acq: 6 Feb 2025 15:21

Tgt Ion: 45 Resp: 81101  
Ion Ratio Lower Upper  
45 100  
77 9.6 0.0 29.8  
79 7.4 0.0 27.7

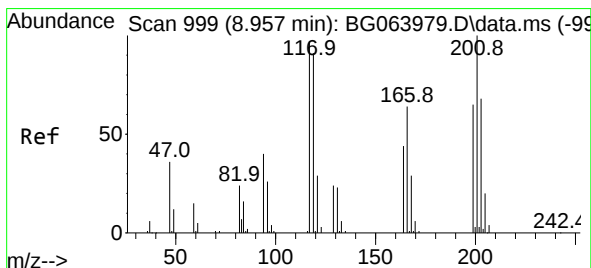
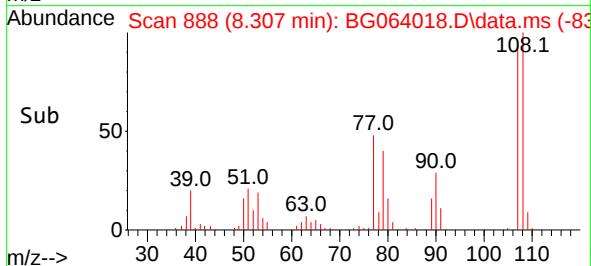
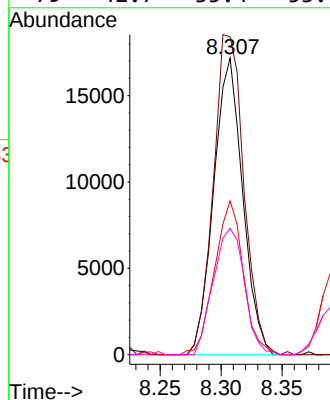
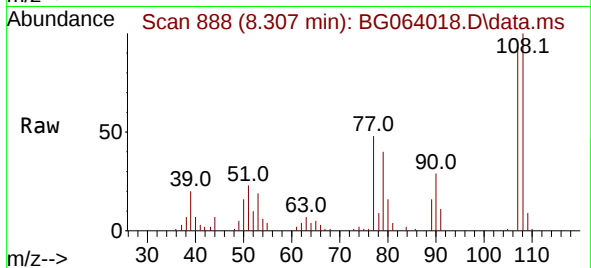




#17  
2-Methylphenol  
Concen: 9.527 ng  
RT: 8.307 min Scan# 888  
Delta R.T. -0.004 min  
Lab File: BG064018.D  
Acq: 6 Feb 2025 15:21

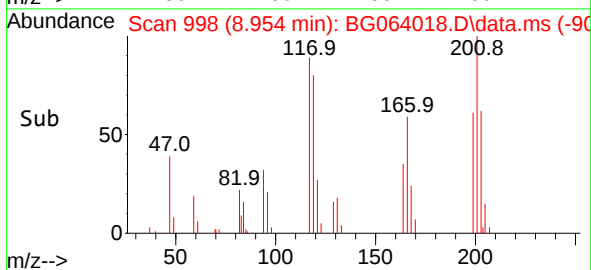
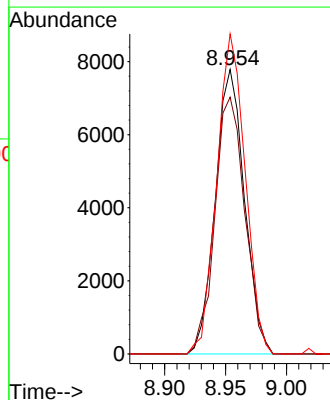
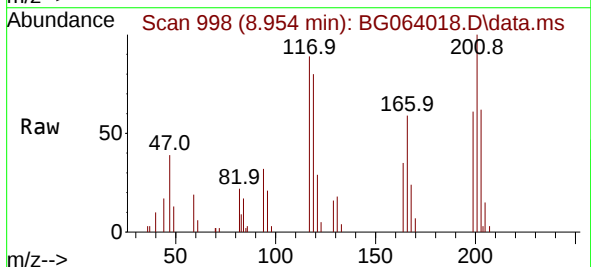
Instrument :  
BNA\_G  
ClientSampleId :  
MDL-WATER-03-QT1-2025

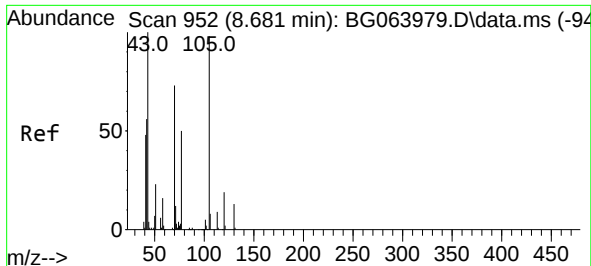
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 107   | Resp: | 28454 |
| Ion      | Ratio | Lower | Upper |
| 107      | 100   |       |       |
| 108      | 107.2 | 82.9  | 124.3 |
| 77       | 51.8  | 36.4  | 54.6  |
| 79       | 42.7  | 35.4  | 53.0  |



#18  
Hexachloroethane  
Concen: 10.067 ng  
RT: 8.954 min Scan# 998  
Delta R.T. -0.004 min  
Lab File: BG064018.D  
Acq: 6 Feb 2025 15:21

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 12970 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 90.3  | 75.4  | 113.0 |
| 201      | 112.5 | 82.4  | 123.6 |

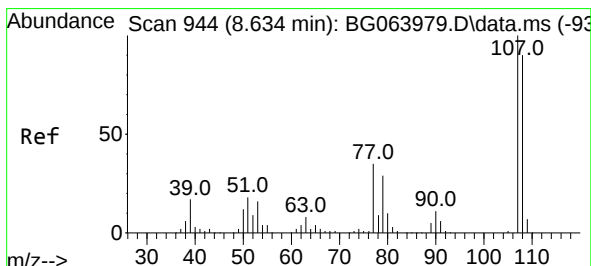
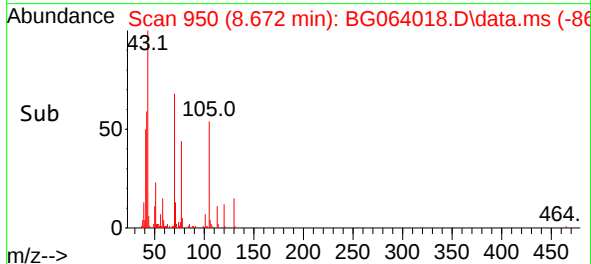
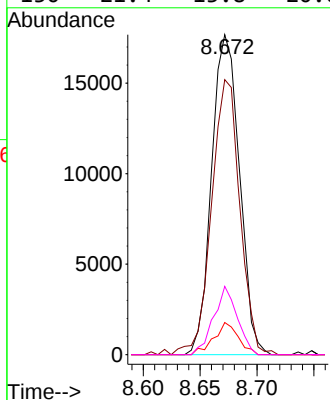
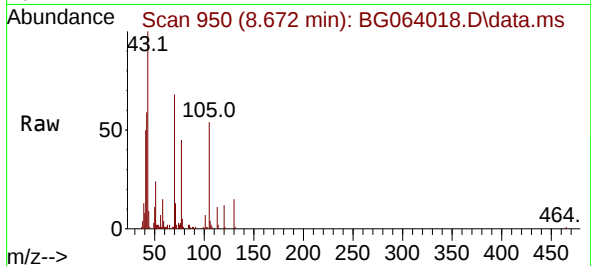




#19  
n-Nitroso-di-n-propylamine  
Concen: 9.906 ng  
RT: 8.672 min Scan# 91  
Delta R.T. -0.010 min  
Lab File: BG064018.D  
Acq: 6 Feb 2025 15:21

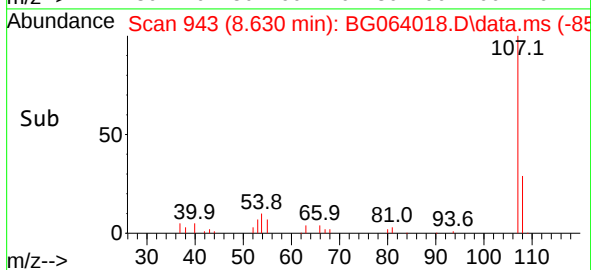
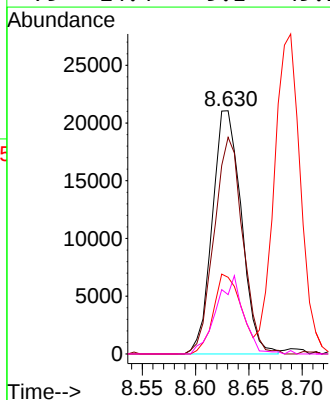
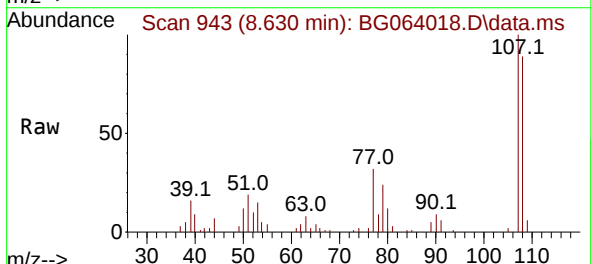
Instrument :  
BNA\_G  
ClientSampleId :  
MDL-WATER-03-QT1-2025

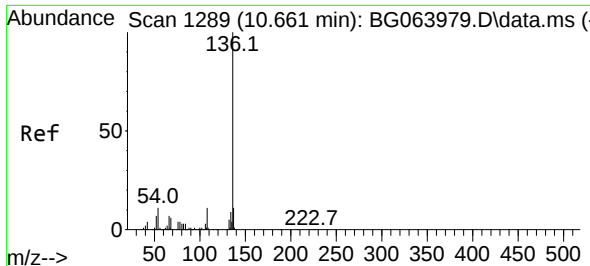
Tgt Ion: 70 Resp: 30097  
Ion Ratio Lower Upper  
70 100  
42 85.9 62.2 93.4  
101 10.1 5.6 8.4#  
130 21.4 13.8 20.6#



#20  
3+4-Methylphenols  
Concen: 10.023 ng  
RT: 8.630 min Scan# 943  
Delta R.T. -0.004 min  
Lab File: BG064018.D  
Acq: 6 Feb 2025 15:21

Tgt Ion: 107 Resp: 39884  
Ion Ratio Lower Upper  
107 100  
108 89.1 70.0 110.0  
77 31.5 15.2 55.2  
79 24.4 9.1 49.1

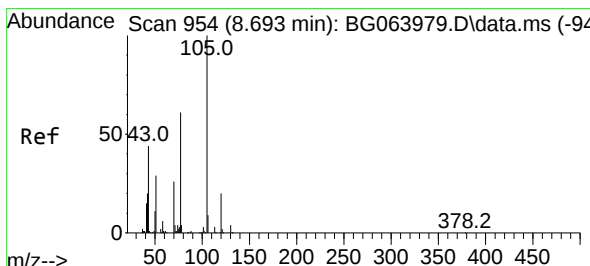
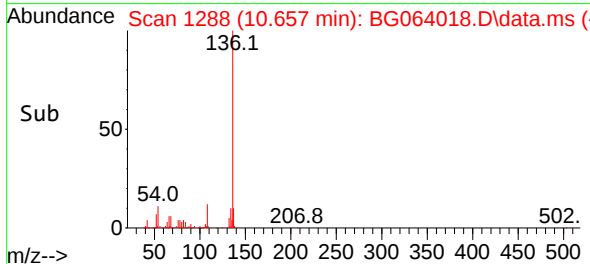
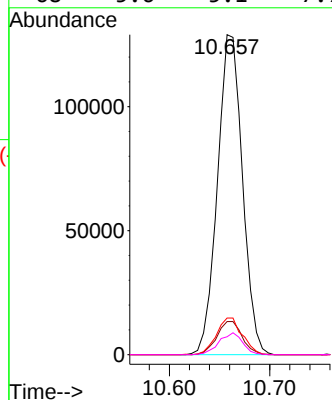
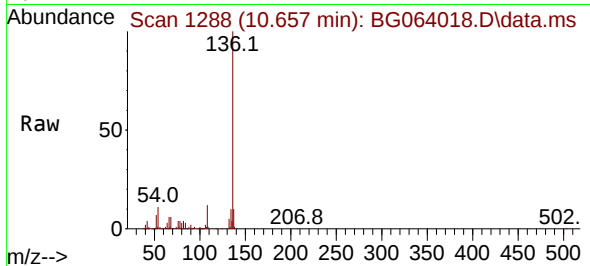




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.657 min Scan# 1288  
Delta R.T. -0.004 min  
Lab File: BG064018.D  
Acq: 6 Feb 2025 15:21

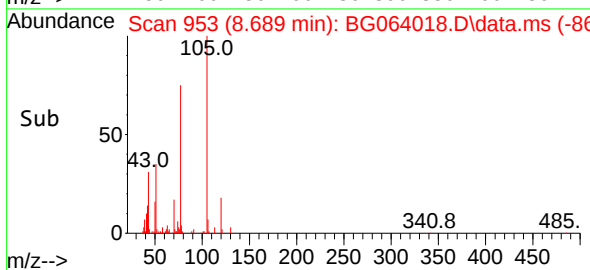
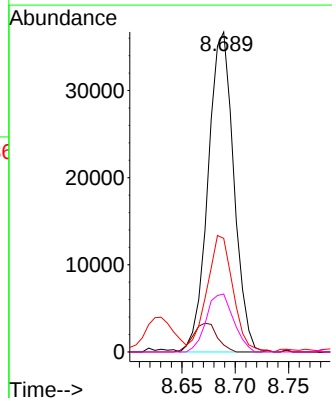
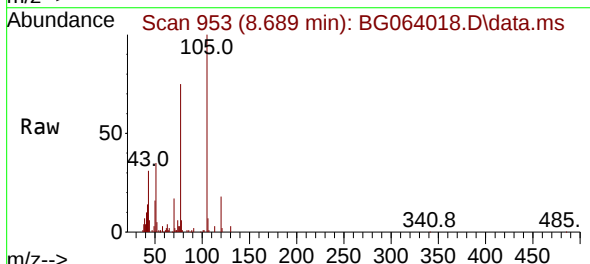
Instrument : BNA\_G  
ClientSampleId : MDL-WATER-03-QT1-2025

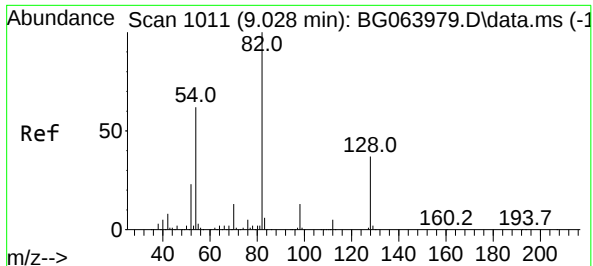
Tgt Ion:136 Resp: 223337  
Ion Ratio Lower Upper  
136 100  
137 10.3 8.9 13.3  
54 11.5 9.2 13.8  
68 5.6 5.1 7.7



#22  
Acetophenone  
Concen: 10.041 ng  
RT: 8.689 min Scan# 953  
Delta R.T. -0.004 min  
Lab File: BG064018.D  
Acq: 6 Feb 2025 15:21

Tgt Ion:105 Resp: 61615  
Ion Ratio Lower Upper  
105 100  
71 2.2 3.1 4.7#  
51 35.5 29.9 44.9  
120 18.1 16.0 24.0





#23

Nitrobenzene-d5

Concen: 117.352 ng

RT: 9.024 min Scan# 1010

Delta R.T. -0.004 min

Lab File: BG064018.D

Acq: 6 Feb 2025 15:21

Instrument :

BNA\_G

ClientSampleId :

MDL-WATER-03-QT1-2025

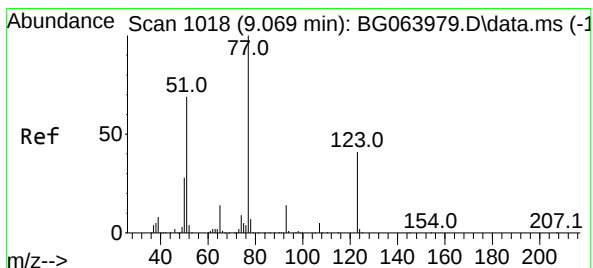
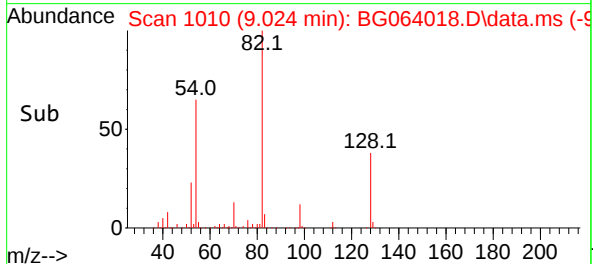
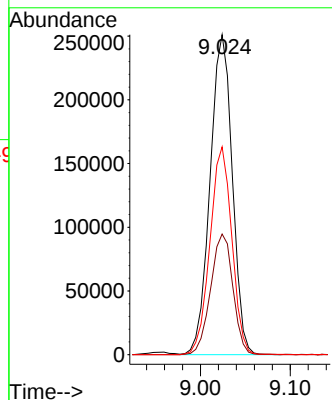
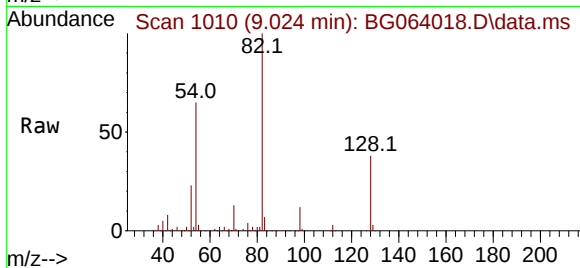
Tgt Ion: 82 Resp: 431244

Ion Ratio Lower Upper

82 100

128 37.7 29.4 44.2

54 64.9 49.9 74.9



#24

Nitrobenzene

Concen: 13.220 ng

RT: 9.065 min Scan# 1017

Delta R.T. -0.004 min

Lab File: BG064018.D

Acq: 6 Feb 2025 15:21

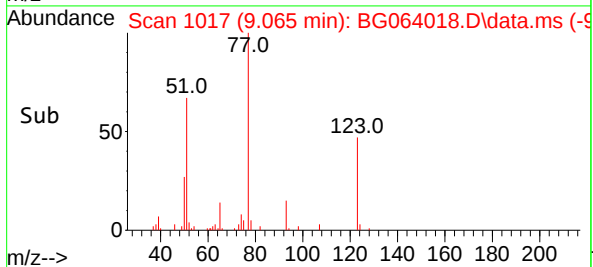
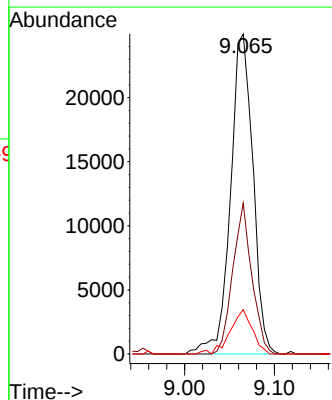
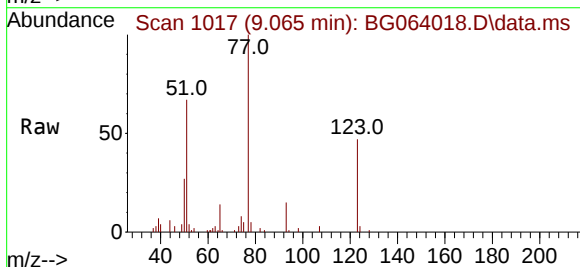
Tgt Ion: 77 Resp: 43364

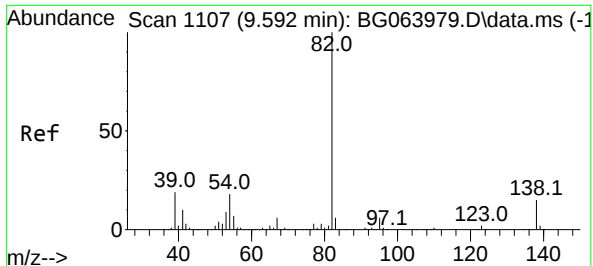
Ion Ratio Lower Upper

77 100

123 47.1 32.9 49.3

65 13.8 11.0 16.6

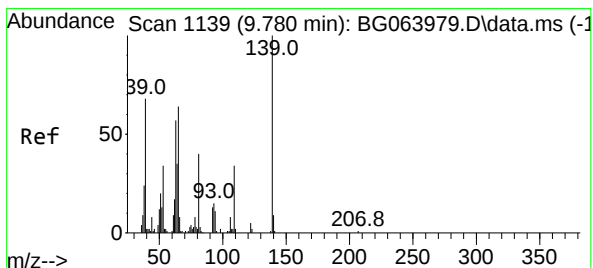
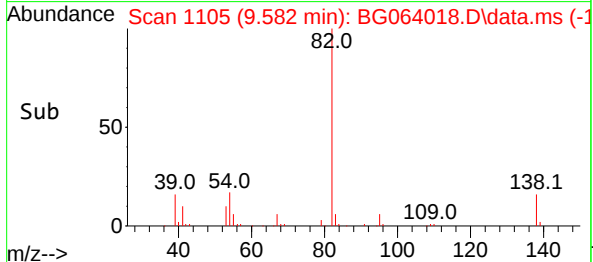
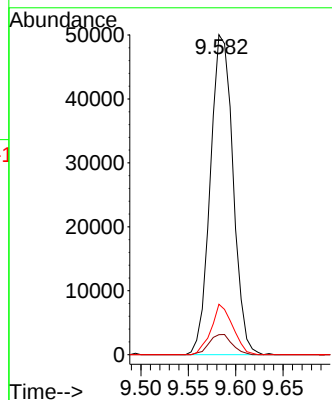
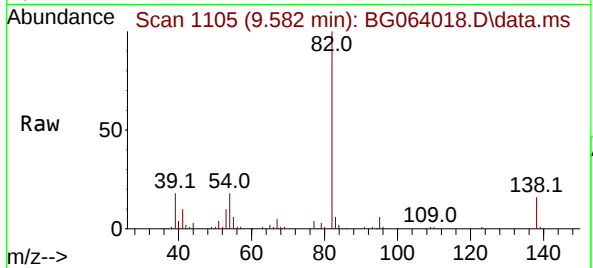




#25  
Isophorone  
Concen: 10.473 ng  
RT: 9.582 min Scan# 1105  
Delta R.T. -0.010 min  
Lab File: BG064018.D  
Acq: 6 Feb 2025 15:21

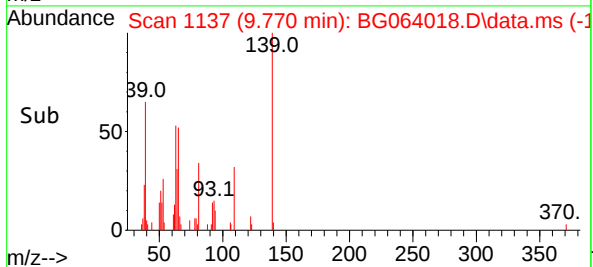
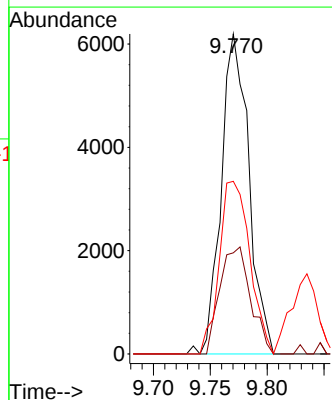
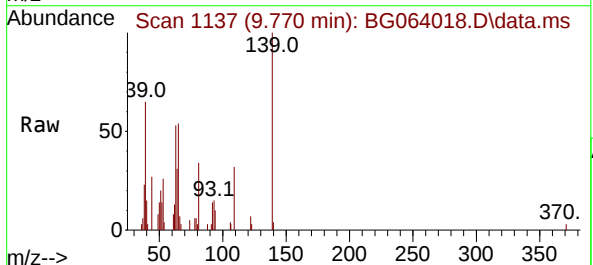
Instrument :  
BNA\_G  
ClientSampleId :  
MDL-WATER-03-QT1-2025

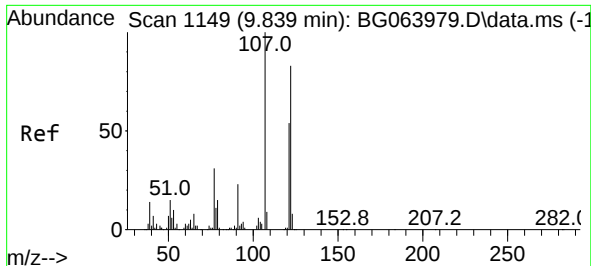
Tgt Ion: 82 Resp: 83430  
Ion Ratio Lower Upper  
82 100  
95 6.3 5.0 7.4  
138 15.7 12.2 18.4



#26  
2-Nitrophenol  
Concen: 18.614 ng  
RT: 9.770 min Scan# 1137  
Delta R.T. -0.010 min  
Lab File: BG064018.D  
Acq: 6 Feb 2025 15:21

Tgt Ion:139 Resp: 10448  
Ion Ratio Lower Upper  
139 100  
109 31.6 27.1 40.7  
65 54.0 51.0 76.6





#27

2,4-Dimethylphenol

Concen: 9.056 ng

RT: 9.829 min Scan# 1149

Delta R.T. -0.010 min

Lab File: BG064018.D

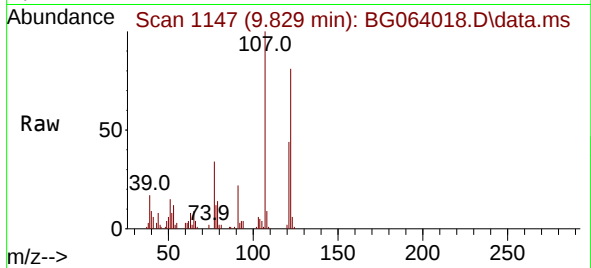
Acq: 6 Feb 2025 15:21

Instrument :

BNA\_G

ClientSampleId :

MDL-WATER-03-QT1-2025



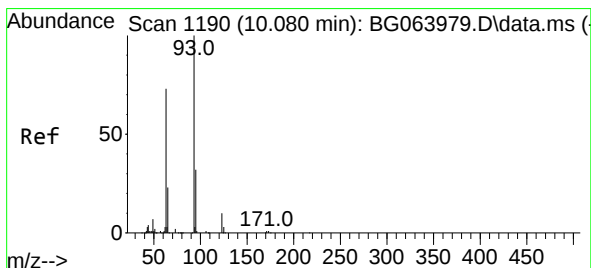
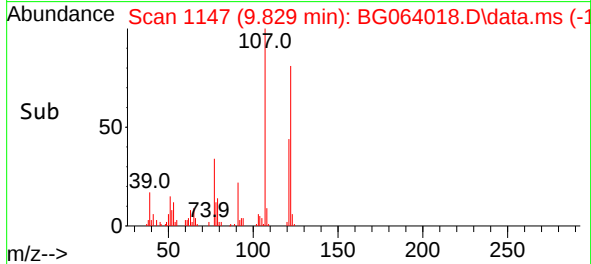
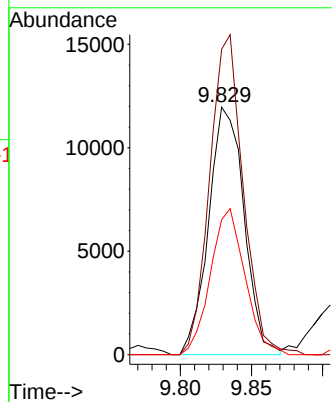
Tgt Ion:122 Resp: 20752

Ion Ratio Lower Upper

122 100

107 123.4 96.4 144.6

121 54.6 51.8 77.6



#28

bis(2-Chloroethoxy)methane

Concen: 9.600 ng

RT: 10.070 min Scan# 1188

Delta R.T. -0.010 min

Lab File: BG064018.D

Acq: 6 Feb 2025 15:21

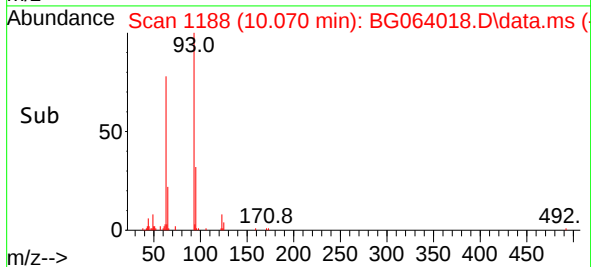
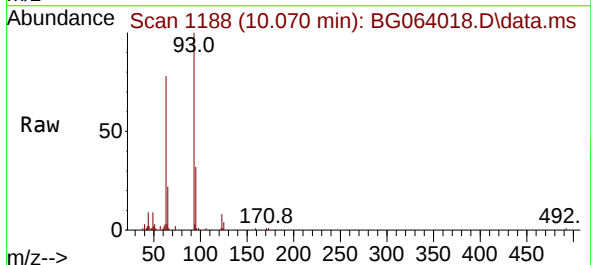
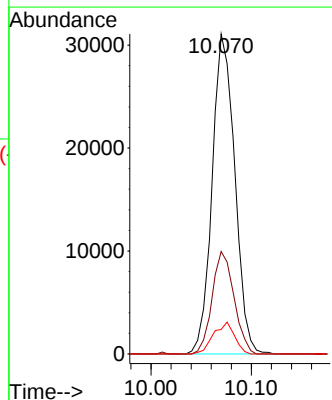
Tgt Ion: 93 Resp: 48662

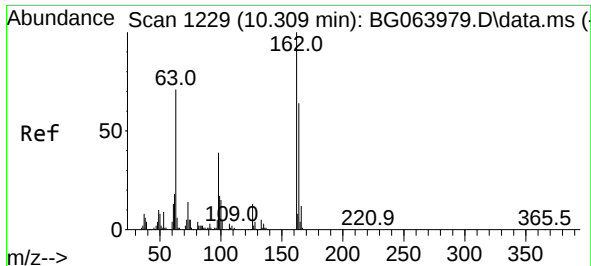
Ion Ratio Lower Upper

93 100

95 32.0 25.4 38.2

123 7.6 7.8 11.6#

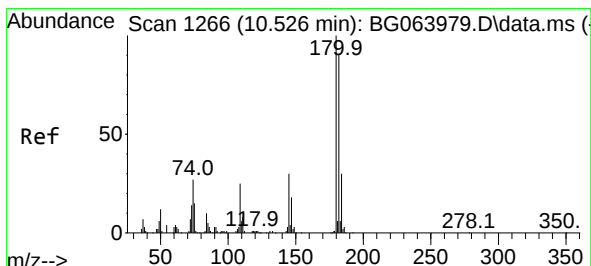
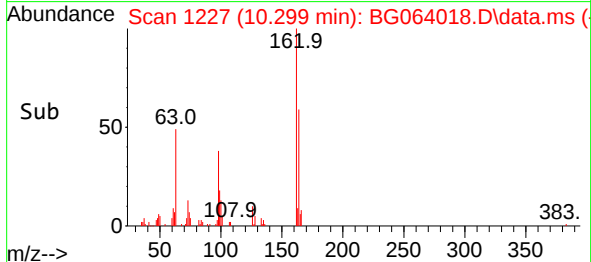
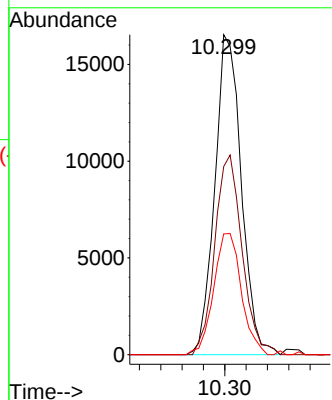
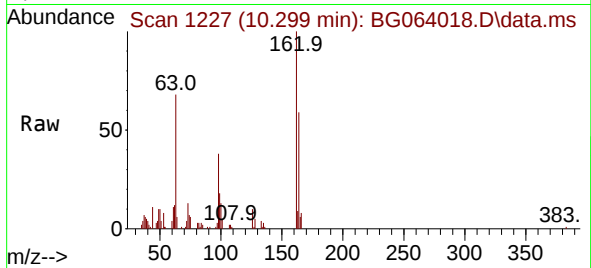




#29  
2,4-Dichlorophenol  
Concen: 12.062 ng  
RT: 10.299 min Scan# 1227  
Delta R.T. -0.010 min  
Lab File: BG064018.D  
Acq: 6 Feb 2025 15:21

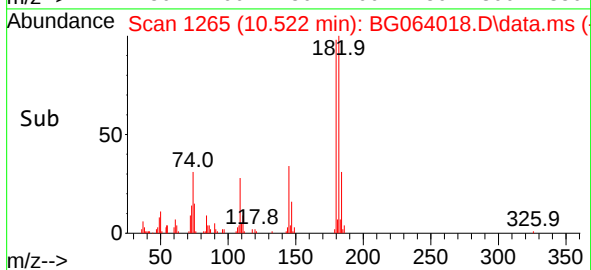
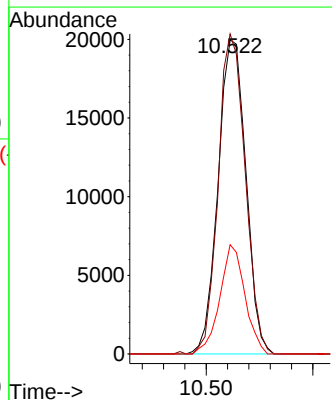
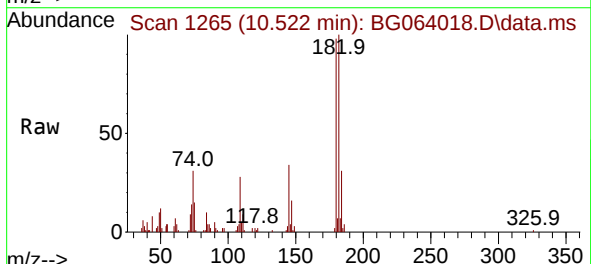
Instrument :  
BNA\_G  
ClientSampleId :  
MDL-WATER-03-QT1-2025

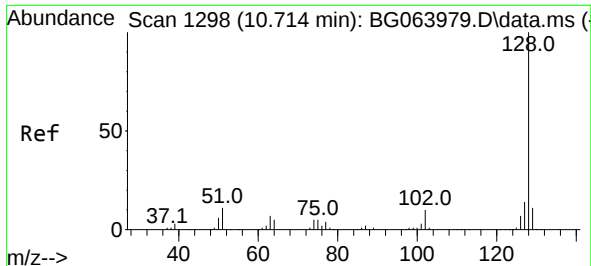
Tgt Ion:162 Resp: 28540  
Ion Ratio Lower Upper  
162 100  
164 58.8 43.6 83.6  
98 37.8 18.6 58.6



#30  
1,2,4-Trichlorobenzene  
Concen: 9.603 ng  
RT: 10.522 min Scan# 1265  
Delta R.T. -0.004 min  
Lab File: BG064018.D  
Acq: 6 Feb 2025 15:21

Tgt Ion:180 Resp: 36153  
Ion Ratio Lower Upper  
180 100  
182 101.9 72.3 108.5  
145 34.8 23.8 35.8

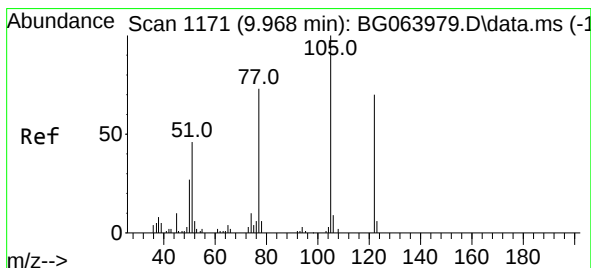
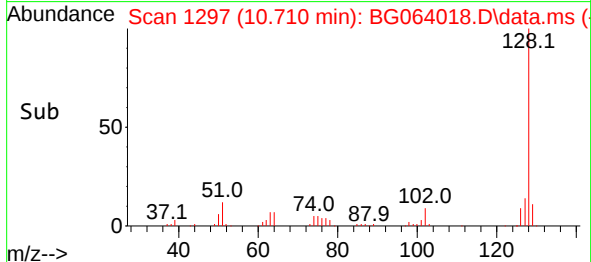
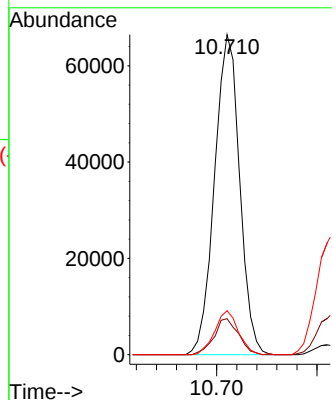
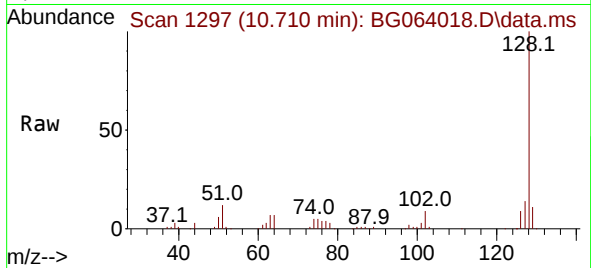




#31  
Naphthalene  
Concen: 9.616 ng  
RT: 10.710 min Scan# 1151  
Delta R.T. -0.004 min  
Lab File: BG064018.D  
Acq: 6 Feb 2025 15:21

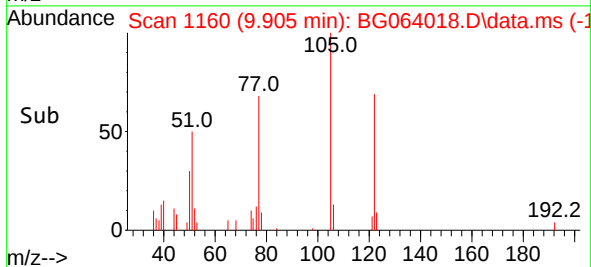
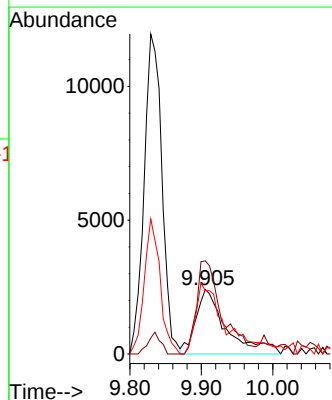
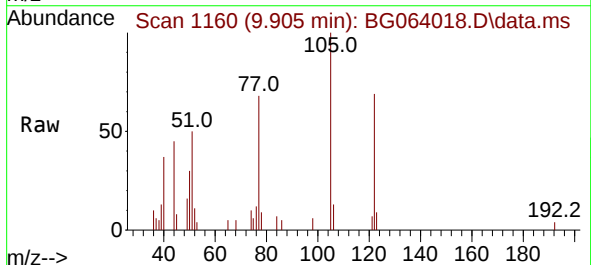
Instrument :  
BNA\_G  
ClientSampleId :  
MDL-WATER-03-QT1-2025

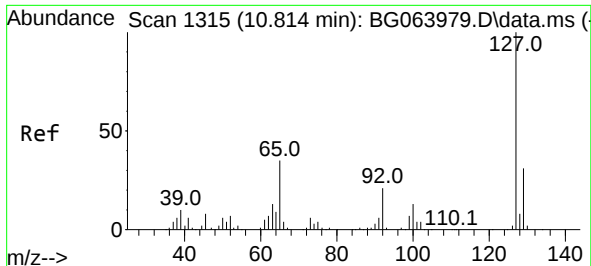
Tgt Ion:128 Resp: 115139  
Ion Ratio Lower Upper  
128 100  
129 11.3 8.8 13.2  
127 13.7 10.8 16.2



#32  
Benzoic acid  
Concen: 12.006 ng m  
RT: 9.905 min Scan# 1160  
Delta R.T. -0.063 min  
Lab File: BG064018.D  
Acq: 6 Feb 2025 15:21

Tgt Ion:122 Resp: 7172  
Ion Ratio Lower Upper  
122 100  
105 144.5 117.9 157.9  
77 98.3 83.9 123.9

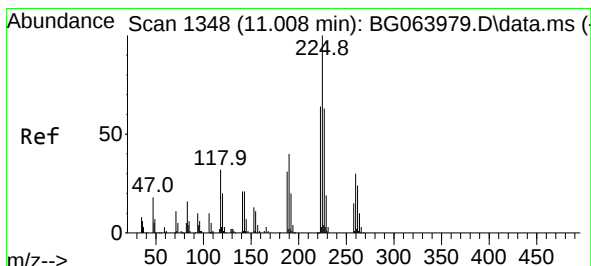
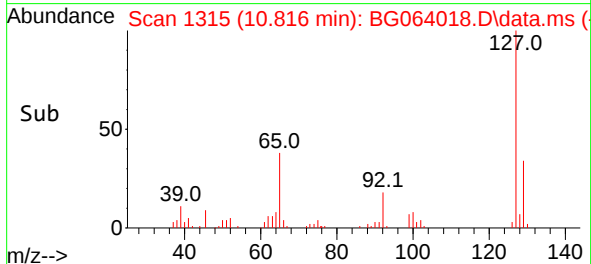
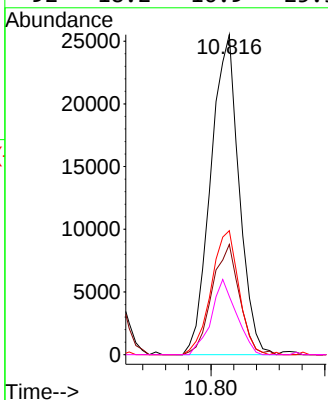
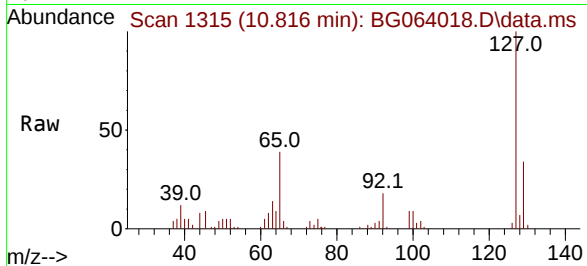




#33  
4-Chloroaniline  
Concen: 9.620 ng  
RT: 10.816 min Scan# 1315  
Delta R.T. 0.002 min  
Lab File: BG064018.D  
Acq: 6 Feb 2025 15:21

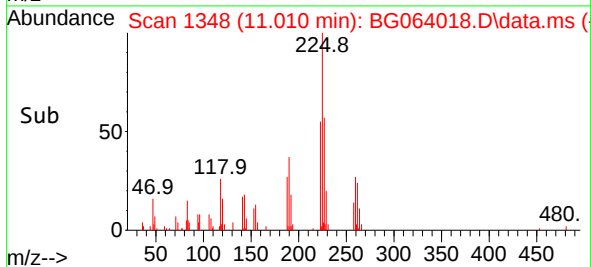
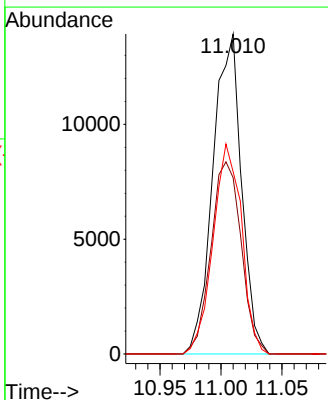
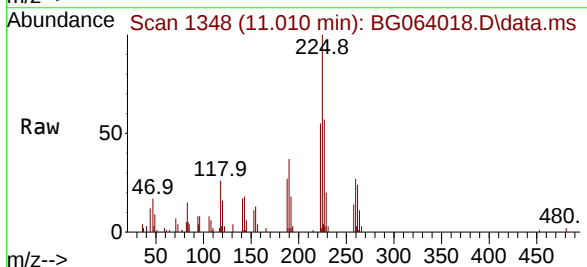
Instrument :  
BNA\_G  
ClientSampleId :  
MDL-WATER-03-QT1-2025

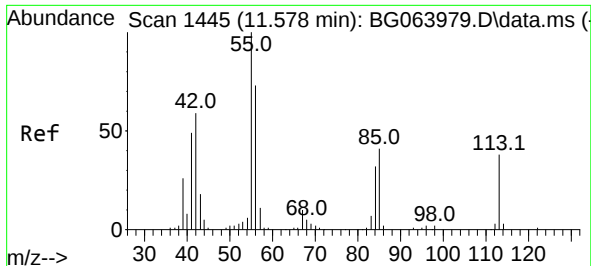
|             |       |       |       |
|-------------|-------|-------|-------|
| Tgt Ion:127 | Resp: | 44134 |       |
| Ion         | Ratio | Lower | Upper |
| 127         | 100   |       |       |
| 129         | 34.5  | 24.9  | 37.3  |
| 65          | 38.7  | 28.2  | 42.4  |
| 92          | 18.2  | 16.9  | 25.3  |



#34  
Hexachlorobutadiene  
Concen: 9.462 ng  
RT: 11.010 min Scan# 1348  
Delta R.T. 0.002 min  
Lab File: BG064018.D  
Acq: 6 Feb 2025 15:21

|             |       |       |       |
|-------------|-------|-------|-------|
| Tgt Ion:225 | Resp: | 22685 |       |
| Ion         | Ratio | Lower | Upper |
| 225         | 100   |       |       |
| 223         | 55.1  | 51.0  | 76.6  |
| 227         | 59.5  | 50.3  | 75.5  |

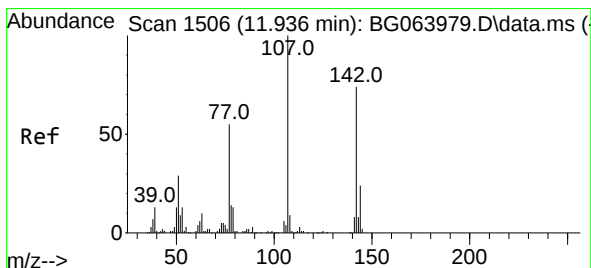
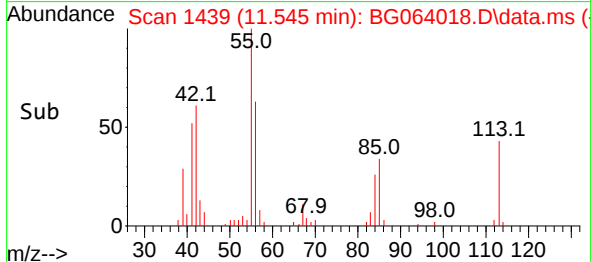
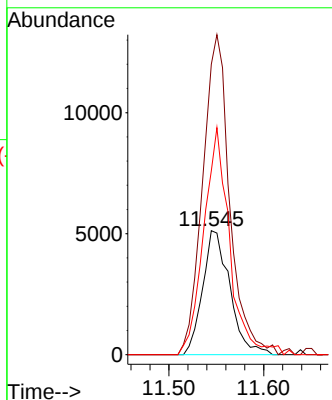
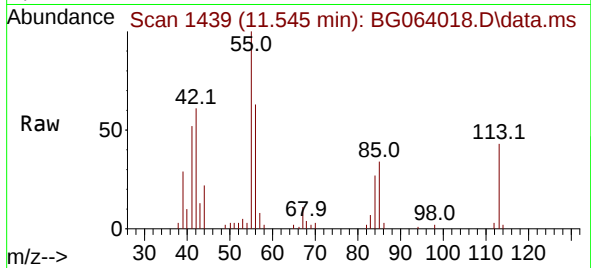




#35  
Caprolactam  
Concen: 13.074 ng  
RT: 11.545 min Scan# 1445  
Delta R.T. -0.033 min  
Lab File: BG064018.D  
Acq: 6 Feb 2025 15:21

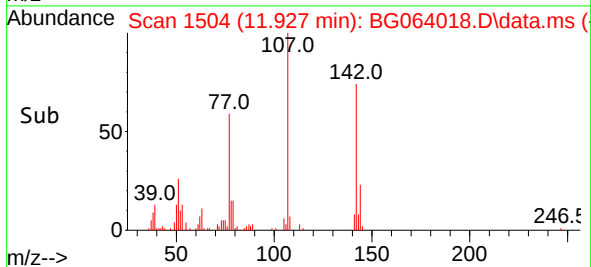
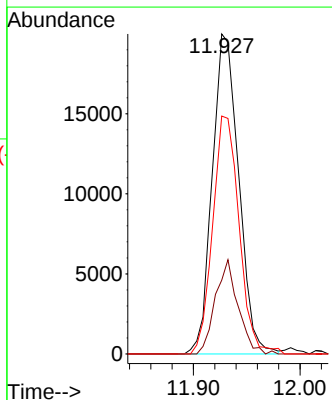
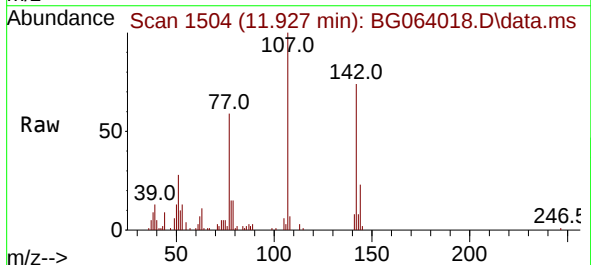
Instrument :  
BNA\_G  
ClientSampleId :  
MDL-WATER-03-QT1-2025

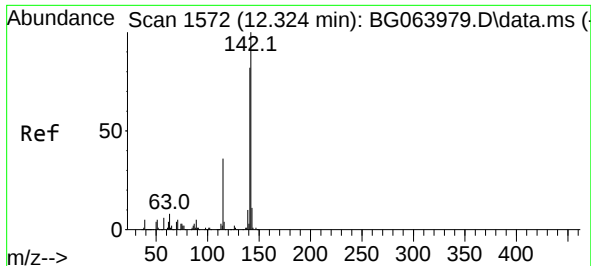
Tgt Ion:113 Resp: 10222  
Ion Ratio Lower Upper  
113 100  
55 234.2 241.8 281.8#  
56 148.2 171.5 211.5#



#36  
4-Chloro-3-methylphenol  
Concen: 9.398 ng  
RT: 11.927 min Scan# 1504  
Delta R.T. -0.009 min  
Lab File: BG064018.D  
Acq: 6 Feb 2025 15:21

Tgt Ion:107 Resp: 34471  
Ion Ratio Lower Upper  
107 100  
144 23.1 19.2 28.8  
142 74.3 58.9 88.3

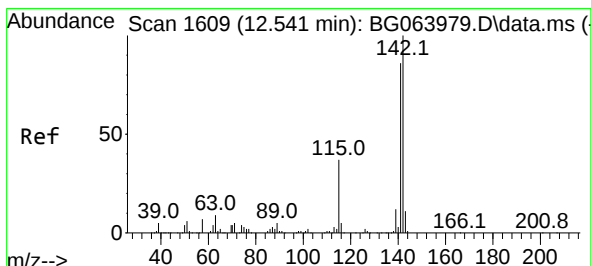
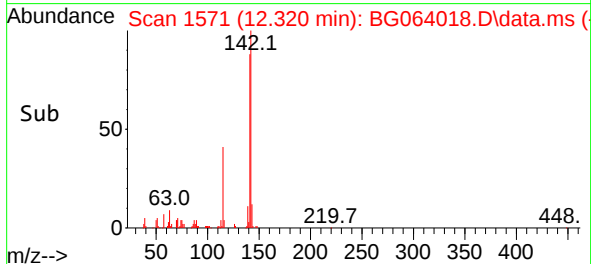
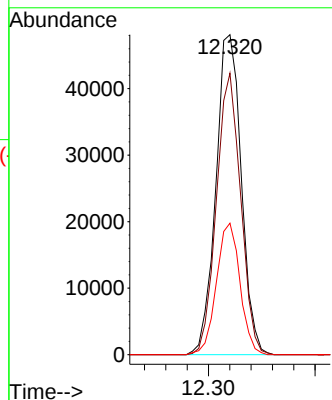
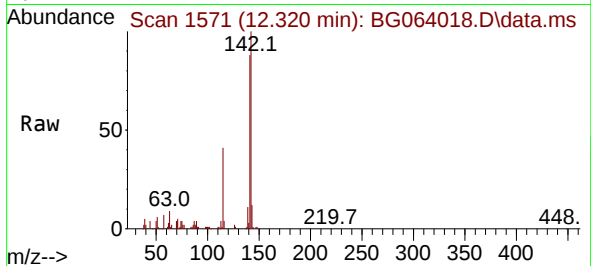




#37  
2-Methylnaphthalene  
Concen: 9.533 ng  
RT: 12.320 min Scan# 11  
Delta R.T. -0.004 min  
Lab File: BG064018.D  
Acq: 6 Feb 2025 15:21

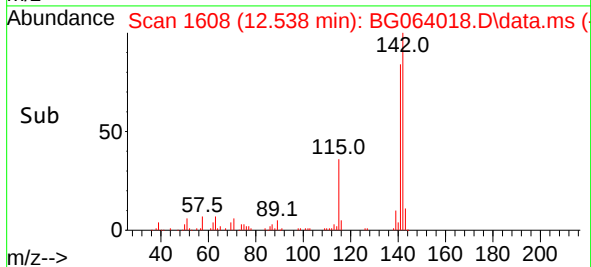
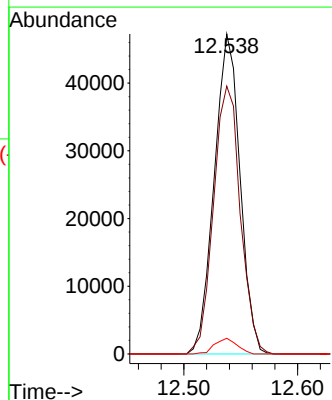
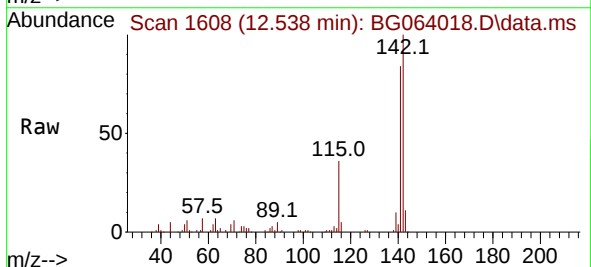
Instrument :  
BNA\_G  
ClientSampleId :  
MDL-WATER-03-QT1-2025

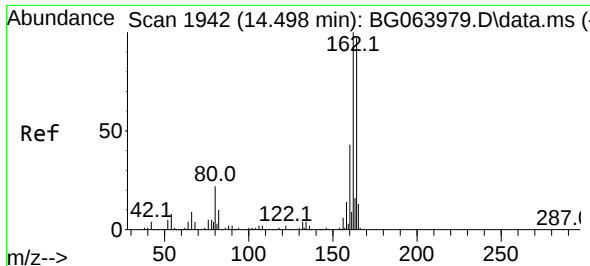
Tgt Ion:142 Resp: 79546  
Ion Ratio Lower Upper  
142 100  
141 87.9 65.8 98.8  
115 41.1 28.9 43.3



#38  
1-Methylnaphthalene  
Concen: 9.006 ng  
RT: 12.538 min Scan# 1608  
Delta R.T. -0.004 min  
Lab File: BG064018.D  
Acq: 6 Feb 2025 15:21

Tgt Ion:142 Resp: 74356  
Ion Ratio Lower Upper  
142 100  
141 83.7 69.2 103.8  
116 4.9 3.6 5.4

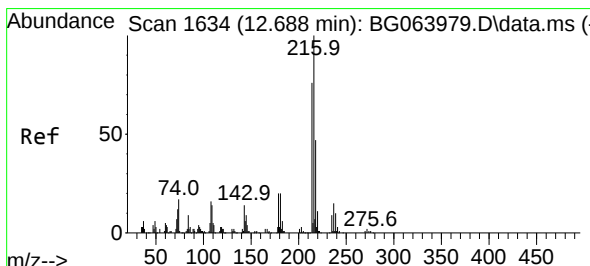
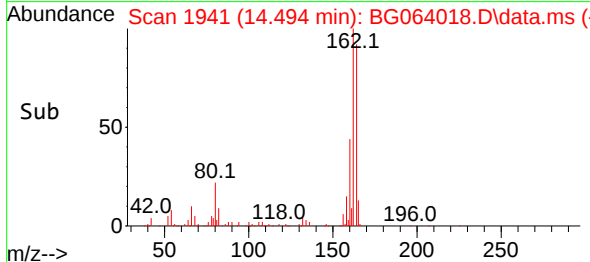
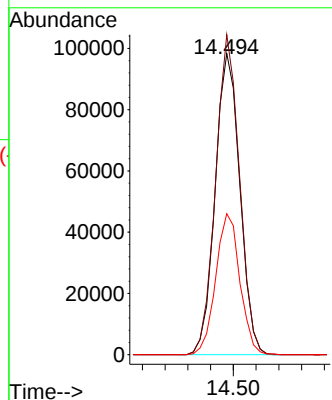
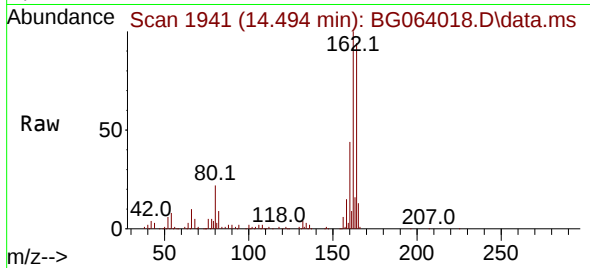




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.494 min Scan# 1942  
Delta R.T. -0.004 min  
Lab File: BG064018.D  
Acq: 6 Feb 2025 15:21

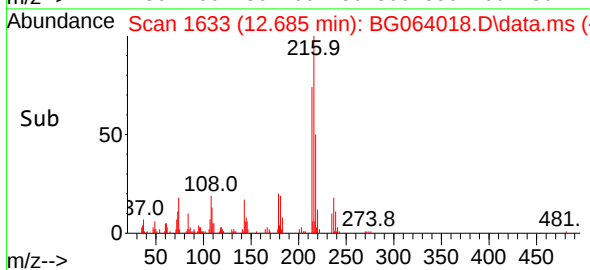
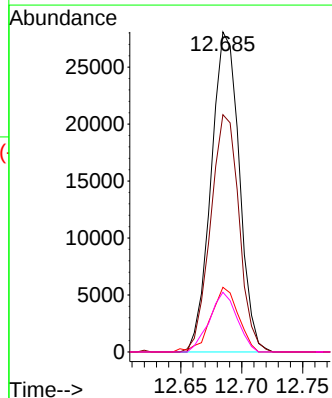
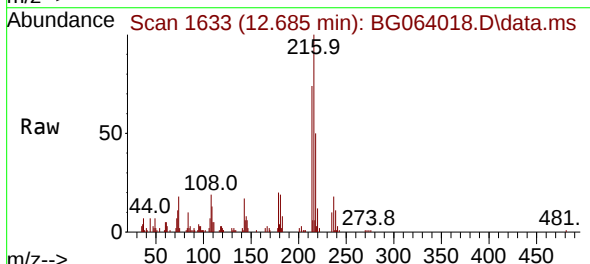
Instrument :  
BNA\_G  
ClientSampleId :  
MDL-WATER-03-QT1-2025

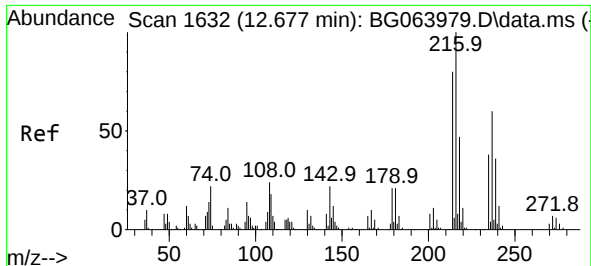
Tgt Ion:164 Resp: 148048  
Ion Ratio Lower Upper  
164 100  
162 106.2 82.3 123.5  
160 46.8 35.4 53.0



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 10.339 ng  
RT: 12.685 min Scan# 1633  
Delta R.T. -0.004 min  
Lab File: BG064018.D  
Acq: 6 Feb 2025 15:21

Tgt Ion:216 Resp: 45138  
Ion Ratio Lower Upper  
216 100  
214 75.0 62.9 94.3  
179 19.8 16.6 25.0  
108 18.3 14.2 21.4

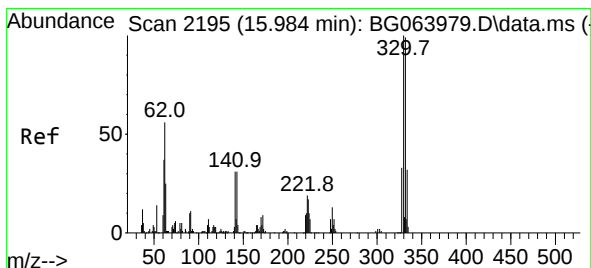
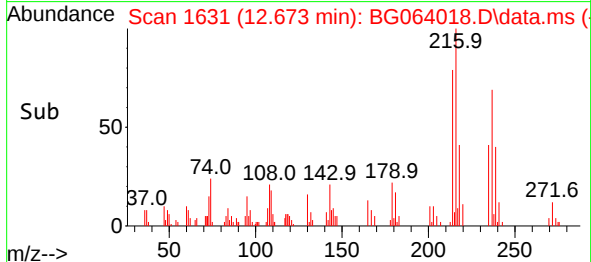
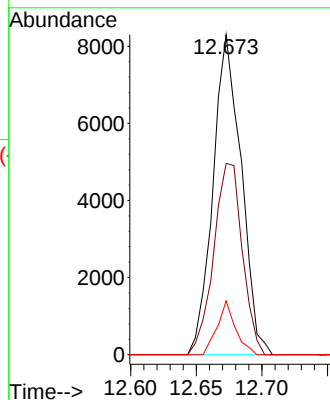
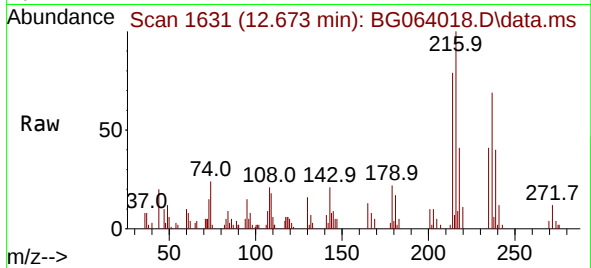




#41  
Hexachlorocyclopentadiene  
Concen: 11.216 ng  
RT: 12.673 min Scan# 1  
Delta R.T. -0.004 min  
Lab File: BG064018.D  
Acq: 6 Feb 2025 15:21

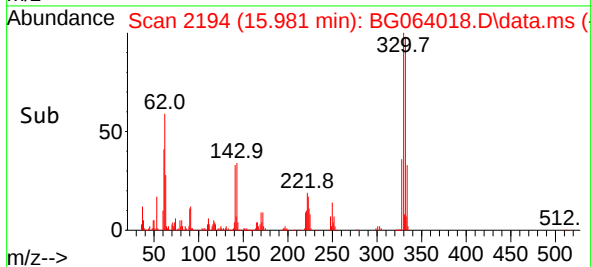
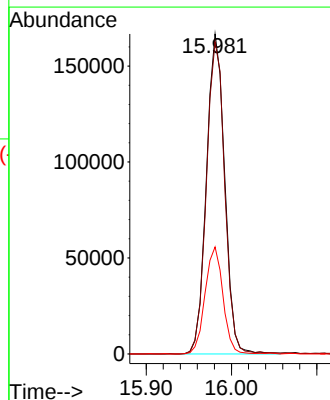
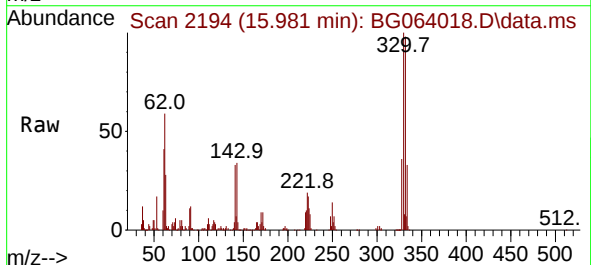
Instrument :  
BNA\_G  
ClientSampleId :  
MDL-WATER-03-QT1-2025

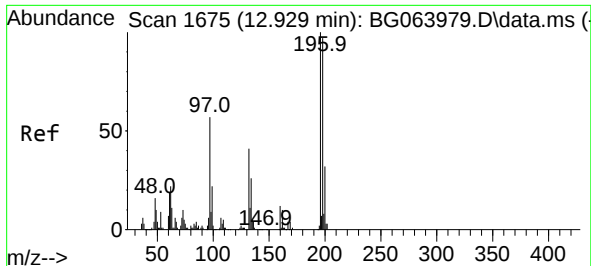
|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:237 | Resp: | 12393     |
| Ion Ratio   | Lower | Upper     |
| 237         | 100   |           |
| 235         | 59.8  | 43.8 83.8 |
| 272         | 16.8  | 0.0 32.3  |



#42  
2,4,6-Tribromophenol  
Concen: 143.231 ng  
RT: 15.981 min Scan# 2194  
Delta R.T. -0.003 min  
Lab File: BG064018.D  
Acq: 6 Feb 2025 15:21

|             |       |            |
|-------------|-------|------------|
| Tgt Ion:330 | Resp: | 248016     |
| Ion Ratio   | Lower | Upper      |
| 330         | 100   |            |
| 332         | 98.0  | 79.0 118.6 |
| 141         | 32.7  | 27.2 40.8  |

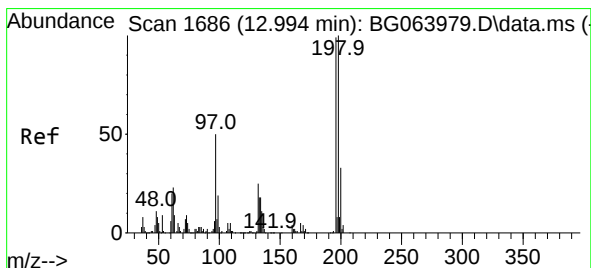
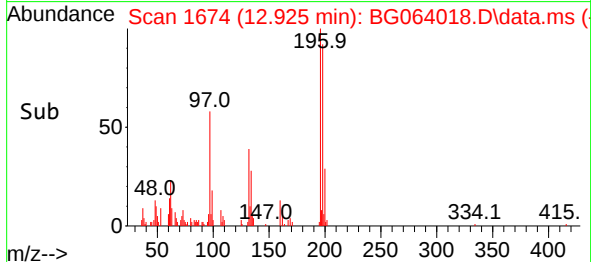
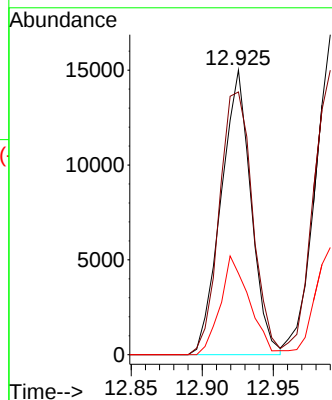
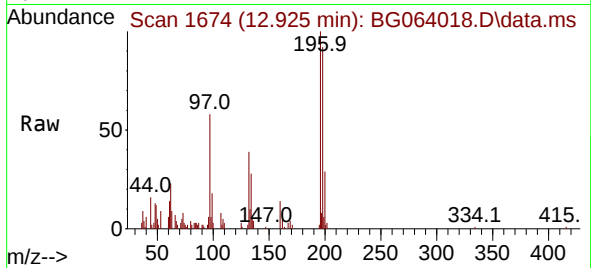




#43  
2,4,6-Trichlorophenol  
Concen: 12.624 ng  
RT: 12.925 min Scan# 1  
Delta R.T. -0.004 min  
Lab File: BG064018.D  
Acq: 6 Feb 2025 15:21

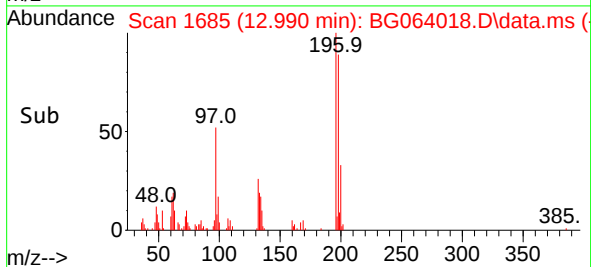
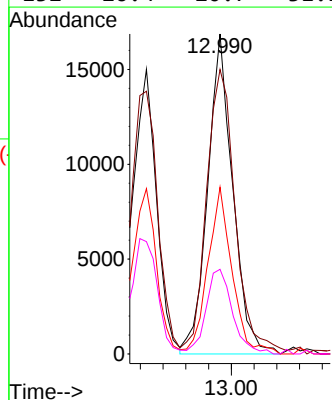
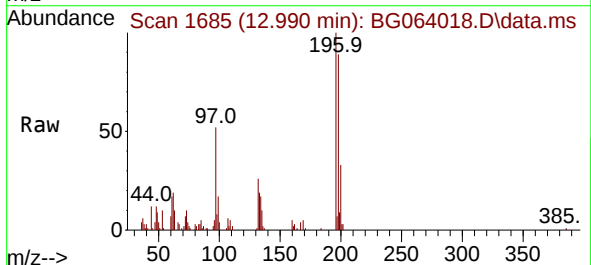
Instrument :  
BNA\_G  
ClientSampleId :  
MDL-WATER-03-QT1-2025

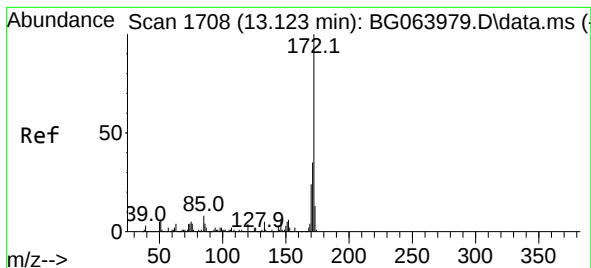
Tgt Ion:196 Resp: 22083  
Ion Ratio Lower Upper  
196 100  
198 92.3 77.9 116.9  
200 30.5 25.5 38.3



#44  
2,4,5-Trichlorophenol  
Concen: 12.159 ng  
RT: 12.990 min Scan# 1685  
Delta R.T. -0.004 min  
Lab File: BG064018.D  
Acq: 6 Feb 2025 15:21

Tgt Ion:196 Resp: 25847  
Ion Ratio Lower Upper  
196 100  
198 88.9 81.1 121.7  
97 52.1 41.2 61.8  
132 26.4 20.7 31.1





#45

2-Fluorobiphenyl

Concen: 99.938 ng

RT: 13.125 min Scan# 1

Delta R.T. 0.002 min

Lab File: BG064018.D

Acq: 6 Feb 2025 15:21

Instrument :

BNA\_G

ClientSampleId :

MDL-WATER-03-QT1-2025

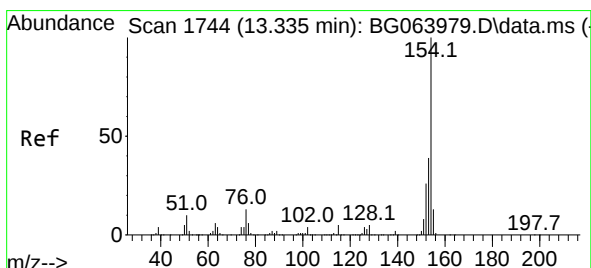
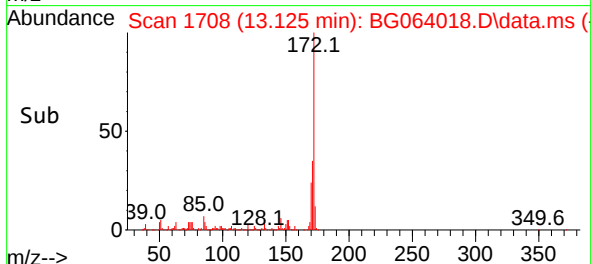
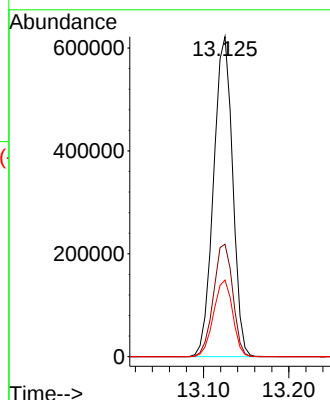
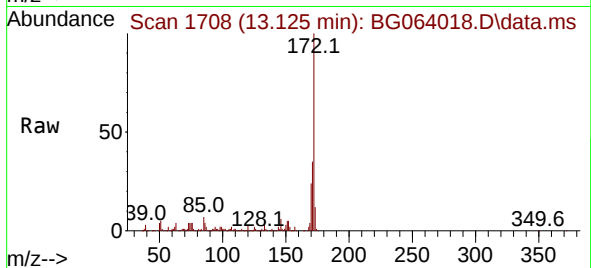
Tgt Ion:172 Resp: 965679

Ion Ratio Lower Upper

172 100

171 35.2 27.8 41.6

170 23.9 19.4 29.2



#46

1,1'-Biphenyl

Concen: 9.847 ng

RT: 13.331 min Scan# 1743

Delta R.T. -0.004 min

Lab File: BG064018.D

Acq: 6 Feb 2025 15:21

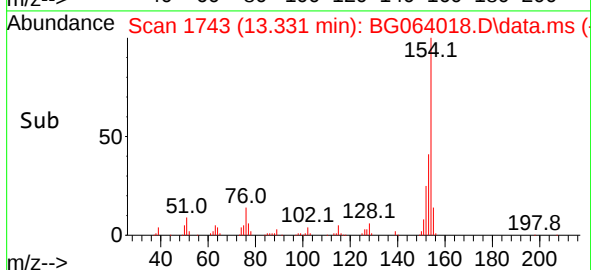
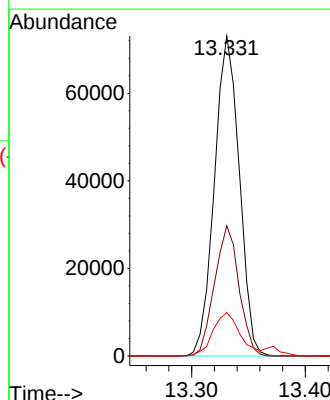
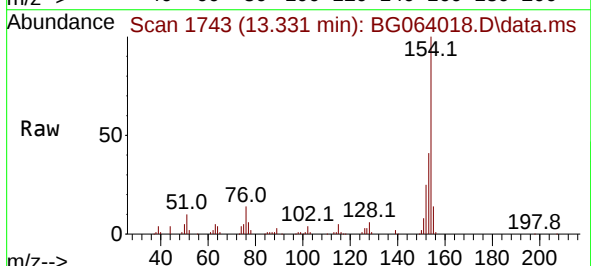
Tgt Ion:154 Resp: 110998

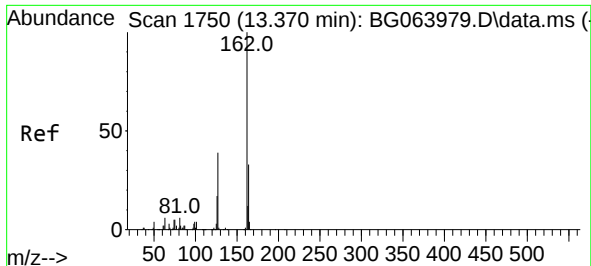
Ion Ratio Lower Upper

154 100

153 40.7 19.3 59.3

76 13.5 0.0 33.3

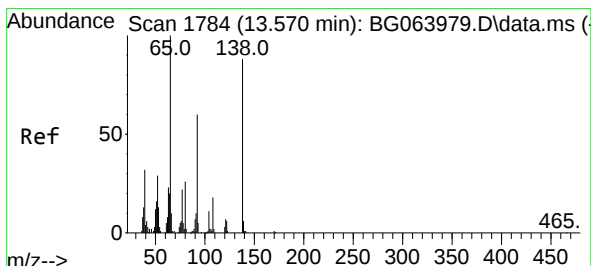
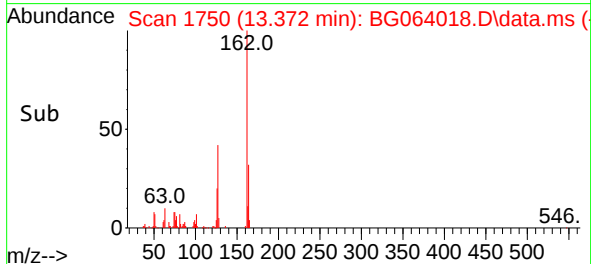
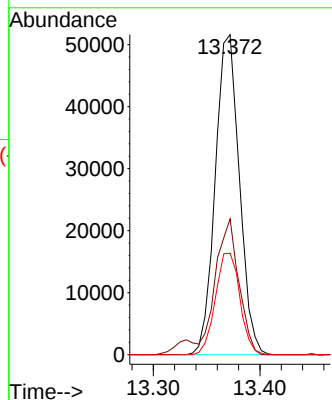
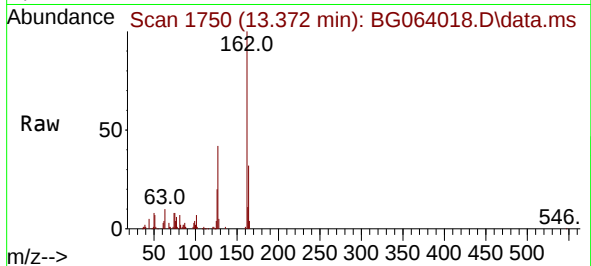




#47  
2-Chloronaphthalene  
Concen: 9.866 ng  
RT: 13.372 min Scan# 1750  
Delta R.T. 0.002 min  
Lab File: BG064018.D  
Acq: 6 Feb 2025 15:21

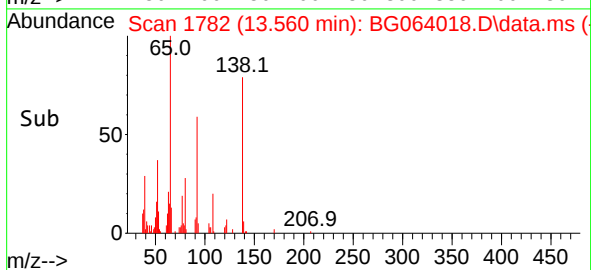
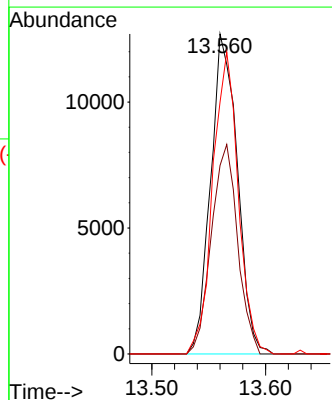
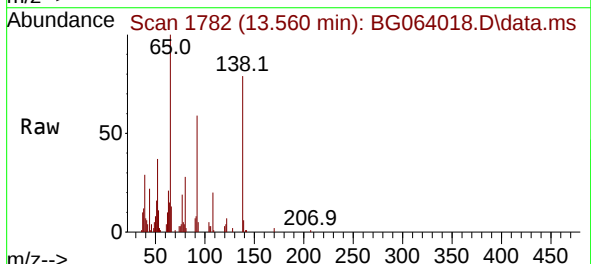
Instrument :  
BNA\_G  
ClientSampleId :  
MDL-WATER-03-QT1-2025

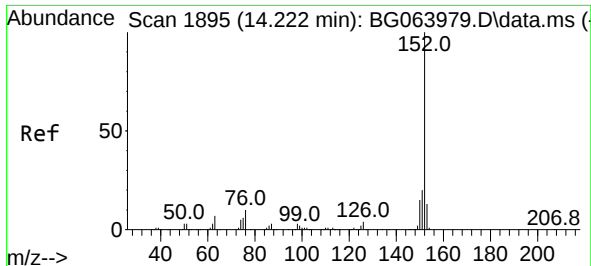
Tgt Ion:162 Resp: 81059  
Ion Ratio Lower Upper  
162 100  
127 42.4 33.4 50.2  
164 31.7 26.0 39.0



#48  
2-Nitroaniline  
Concen: 14.426 ng  
RT: 13.560 min Scan# 1782  
Delta R.T. -0.010 min  
Lab File: BG064018.D  
Acq: 6 Feb 2025 15:21

Tgt Ion: 65 Resp: 20742  
Ion Ratio Lower Upper  
65 100  
92 58.9 47.6 71.4  
138 78.7 70.6 106.0

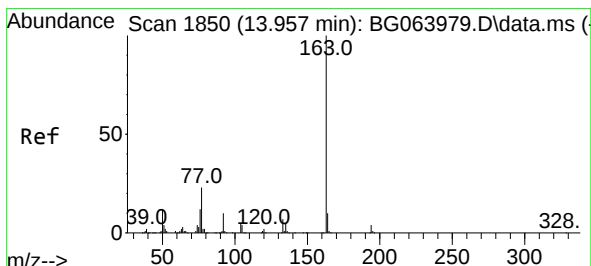
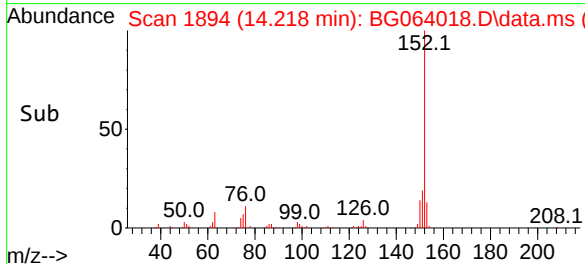
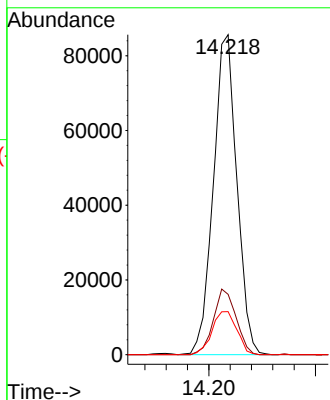
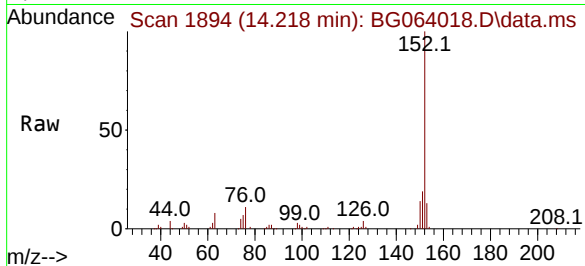




#49  
Acenaphthylene  
Concen: 10.248 ng  
RT: 14.218 min Scan# 1894  
Delta R.T. -0.004 min  
Lab File: BG064018.D  
Acq: 6 Feb 2025 15:21

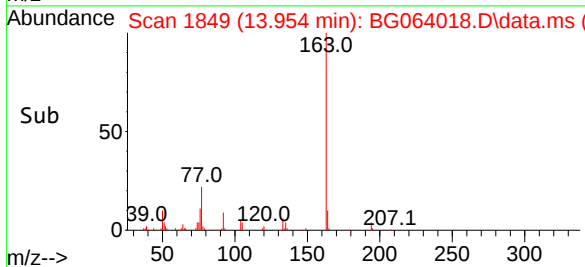
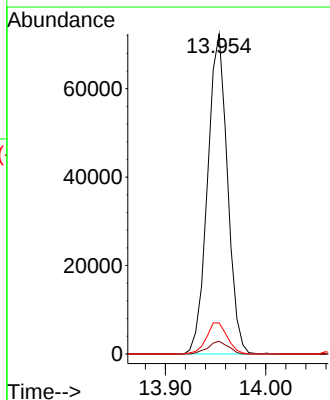
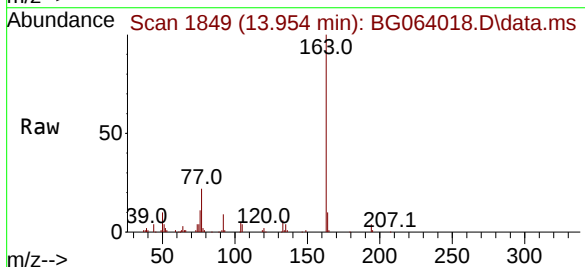
Instrument :  
BNA\_G  
ClientSampleId :  
MDL-WATER-03-QT1-2025

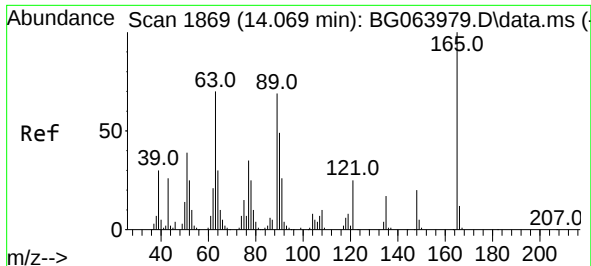
Tgt Ion:152 Resp: 130780  
Ion Ratio Lower Upper  
152 100  
151 18.8 15.9 23.9  
153 13.5 10.3 15.5



#50  
Dimethylphthalate  
Concen: 10.173 ng  
RT: 13.954 min Scan# 1849  
Delta R.T. -0.003 min  
Lab File: BG064018.D  
Acq: 6 Feb 2025 15:21

Tgt Ion:163 Resp: 99857  
Ion Ratio Lower Upper  
163 100  
194 4.0 3.0 4.4  
164 9.7 8.0 12.0

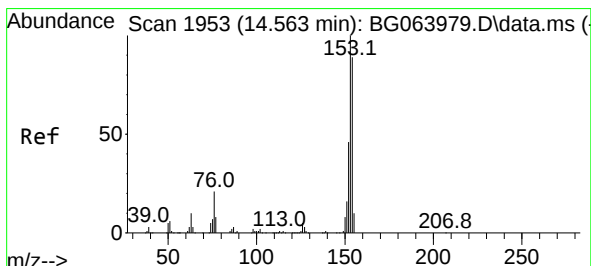
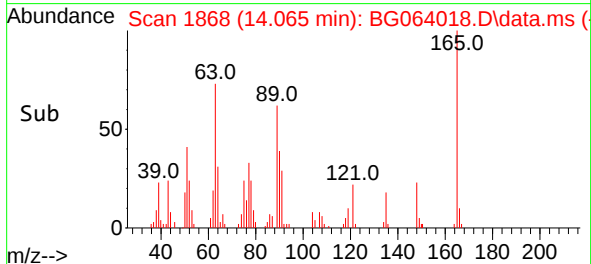
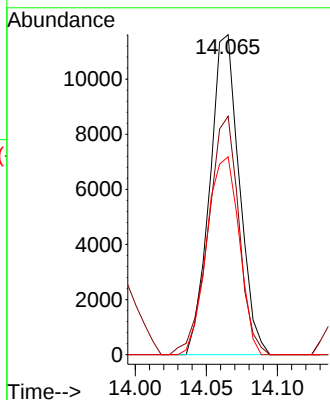
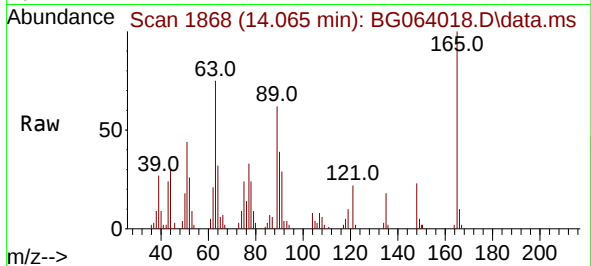




#51  
2,6-Dinitrotoluene  
Concen: 13.646 ng  
RT: 14.065 min Scan# 1868  
Delta R.T. -0.004 min  
Lab File: BG064018.D  
Acq: 6 Feb 2025 15:21

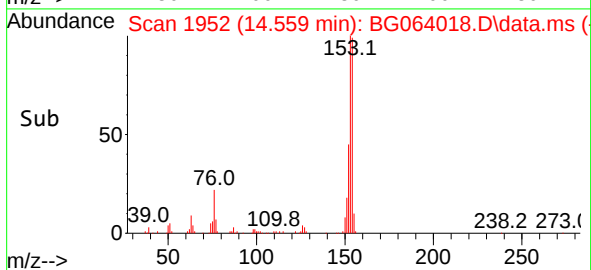
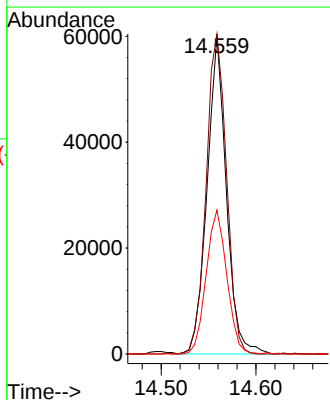
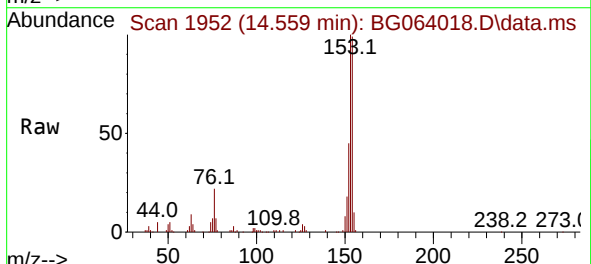
Instrument :  
BNA\_G  
ClientSampleId :  
MDL-WATER-03-QT1-2025

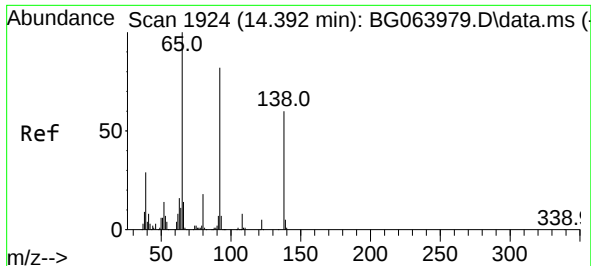
Tgt Ion:165 Resp: 16743  
Ion Ratio Lower Upper  
165 100  
63 74.5 57.7 86.5  
89 61.9 55.6 83.4



#52  
Acenaphthene  
Concen: 9.913 ng  
RT: 14.559 min Scan# 1952  
Delta R.T. -0.004 min  
Lab File: BG064018.D  
Acq: 6 Feb 2025 15:21

Tgt Ion:154 Resp: 84852  
Ion Ratio Lower Upper  
154 100  
153 100.5 90.2 135.2  
152 45.2 41.1 61.7

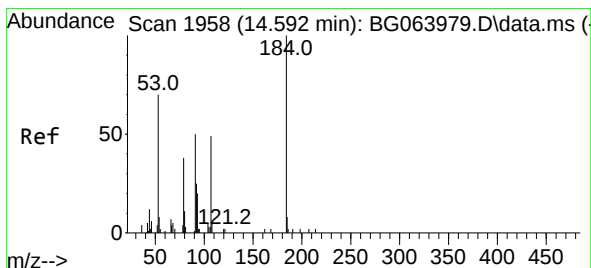
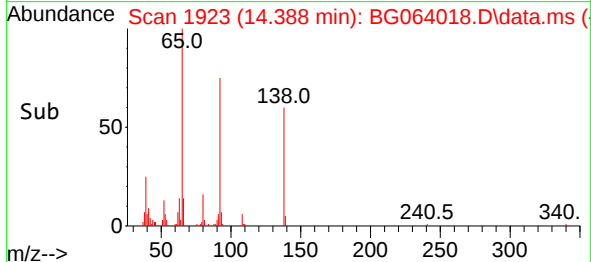
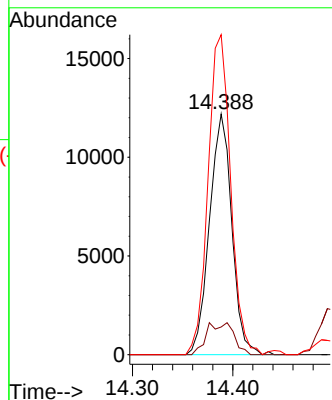
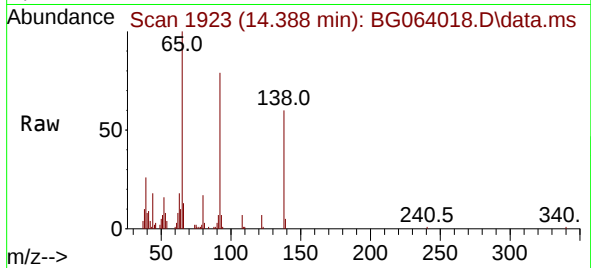




#53  
3-Nitroaniline  
Concen: 13.024 ng  
RT: 14.388 min Scan# 1923  
Delta R.T. -0.004 min  
Lab File: BG064018.D  
Acq: 6 Feb 2025 15:21

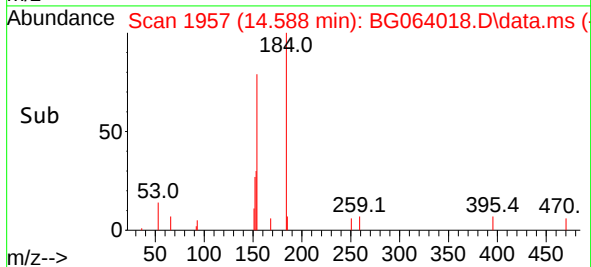
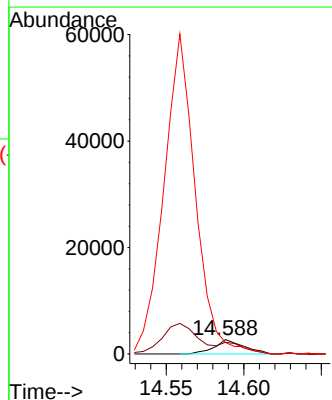
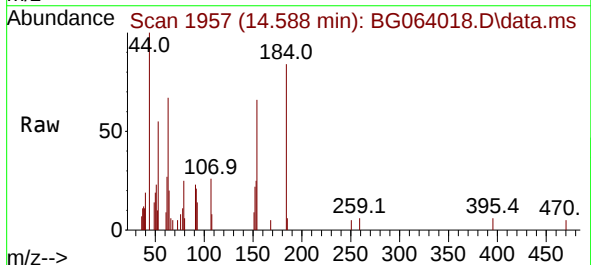
Instrument :  
BNA\_G  
ClientSampleId :  
MDL-WATER-03-QT1-2025

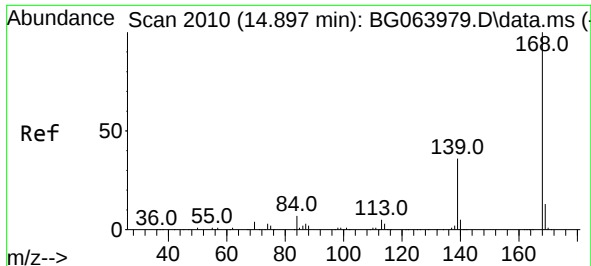
Tgt Ion:138 Resp: 18825  
Ion Ratio Lower Upper  
138 100  
108 11.5 10.3 15.5  
92 133.0 109.0 163.4



#54  
2,4-Dinitrophenol  
Concen: 14.158 ng  
RT: 14.588 min Scan# 1957  
Delta R.T. -0.004 min  
Lab File: BG064018.D  
Acq: 6 Feb 2025 15:21

Tgt Ion:184 Resp: 3551  
Ion Ratio Lower Upper  
184 100  
63 80.6 67.3 100.9  
154 78.5 65.9 98.9

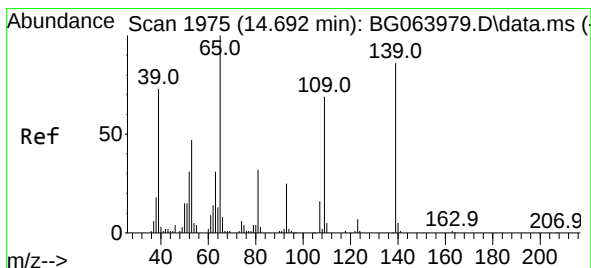
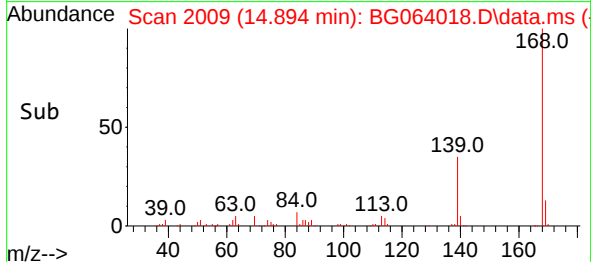
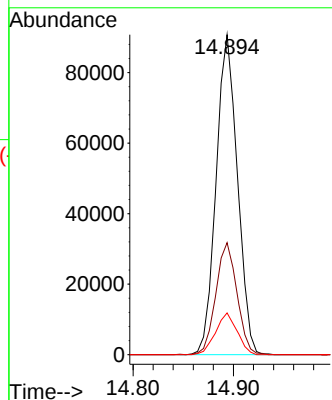
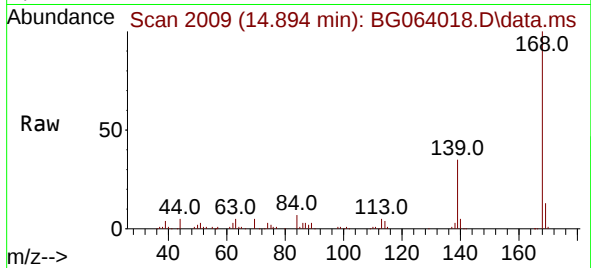




#55  
Dibenzofuran  
Concen: 9.613 ng  
RT: 14.894 min Scan# 2010  
Delta R.T. -0.004 min  
Lab File: BG064018.D  
Acq: 6 Feb 2025 15:21

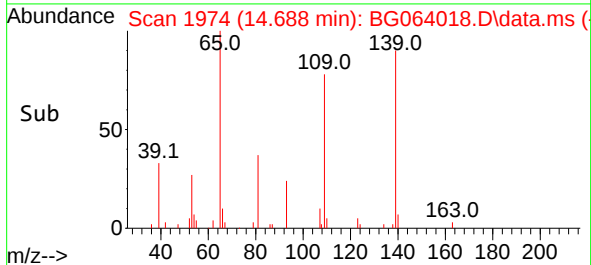
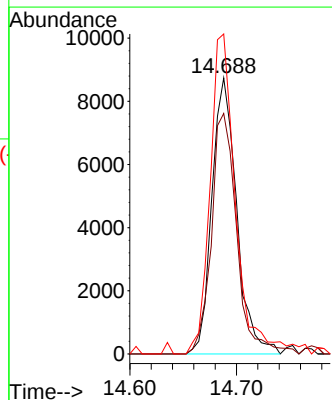
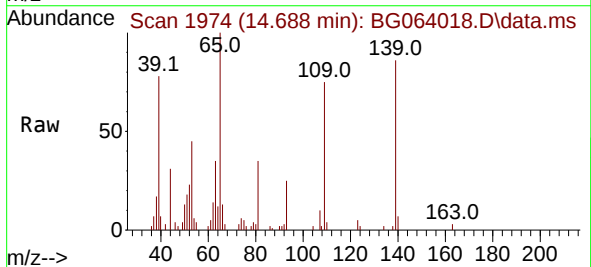
Instrument :  
BNA\_G  
ClientSampleId :  
MDL-WATER-03-QT1-2025

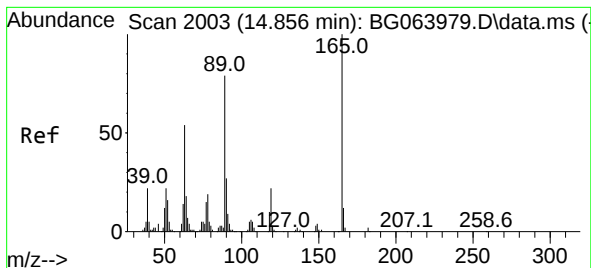
Tgt Ion:168 Resp: 133613  
Ion Ratio Lower Upper  
168 100  
139 35.0 28.6 43.0  
169 13.1 10.6 16.0



#56  
4-Nitrophenol  
Concen: 15.076 ng  
RT: 14.688 min Scan# 1974  
Delta R.T. -0.004 min  
Lab File: BG064018.D  
Acq: 6 Feb 2025 15:21

Tgt Ion:139 Resp: 14095  
Ion Ratio Lower Upper  
139 100  
109 87.1 60.1 100.1  
65 115.9 96.2 136.2





#57

2,4-Dinitrotoluene

Concen: 14.050 ng

RT: 14.847 min Scan# 20

Delta R.T. -0.009 min

Lab File: BG064018.D

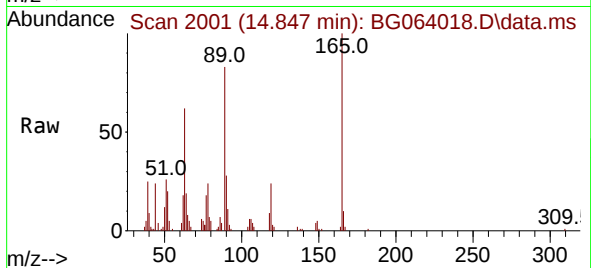
Acq: 6 Feb 2025 15:21

Instrument :

BNA\_G

ClientSampleId :

MDL-WATER-03-QT1-2025



Tgt Ion:165 Resp: 21573

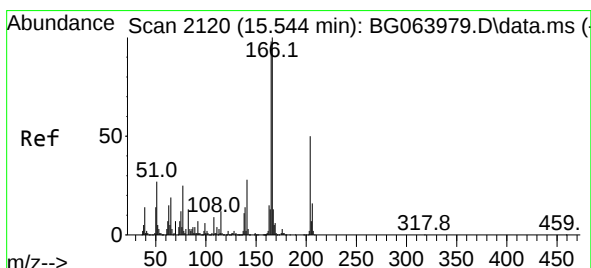
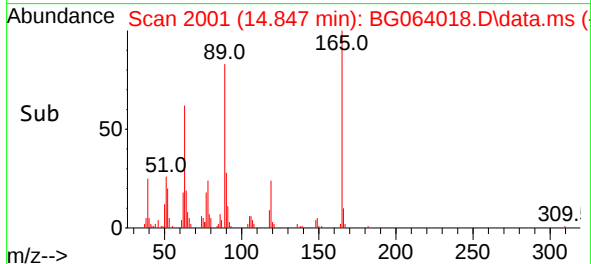
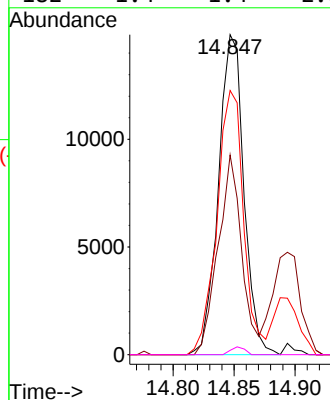
Ion Ratio Lower Upper

165 100

63 62.4 43.6 65.4

89 82.5 63.1 94.7

182 1.4 1.4 2.0#



#58

Fluorene

Concen: 9.722 ng

RT: 15.540 min Scan# 2119

Delta R.T. -0.004 min

Lab File: BG064018.D

Acq: 6 Feb 2025 15:21

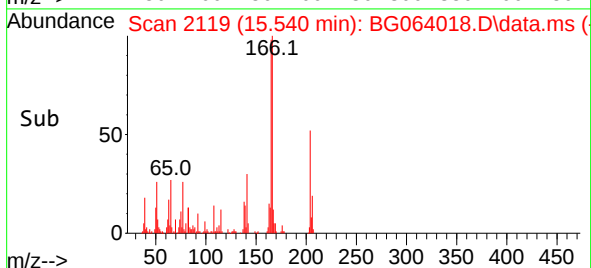
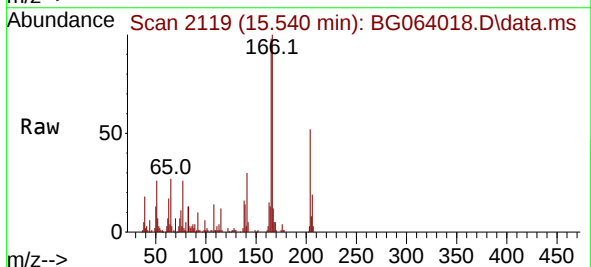
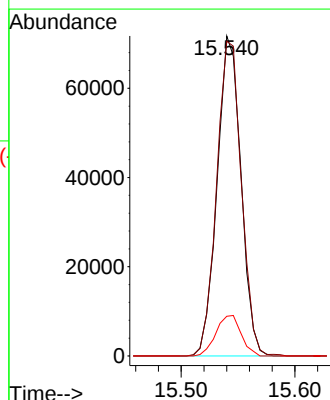
Tgt Ion:166 Resp: 104444

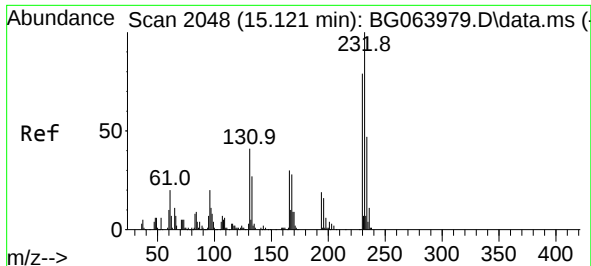
Ion Ratio Lower Upper

166 100

165 98.3 78.7 118.1

167 12.4 10.1 15.1





#59

2,3,4,6-Tetrachlorophenol

Concen: 13.318 ng

RT: 15.117 min Scan# 2047

Delta R.T. -0.004 min

Lab File: BG064018.D

Acq: 6 Feb 2025 15:21

Instrument :

BNA\_G

ClientSampleId :

MDL-WATER-03-QT1-2025

Tgt Ion:232 Resp: 25342

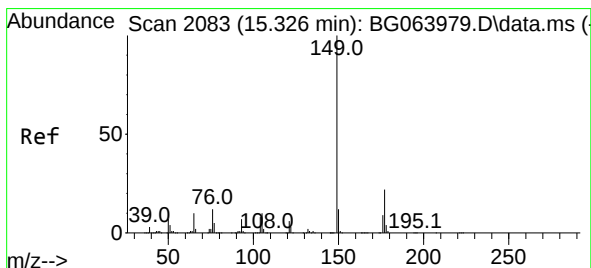
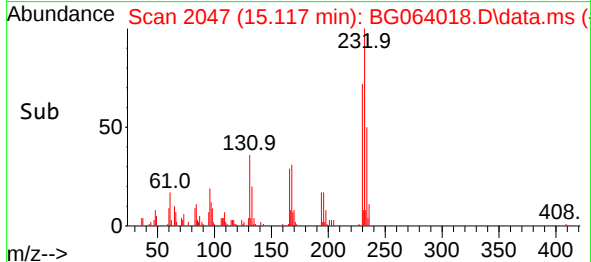
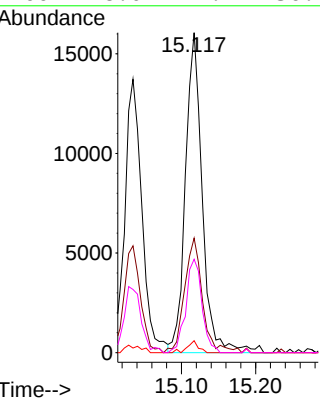
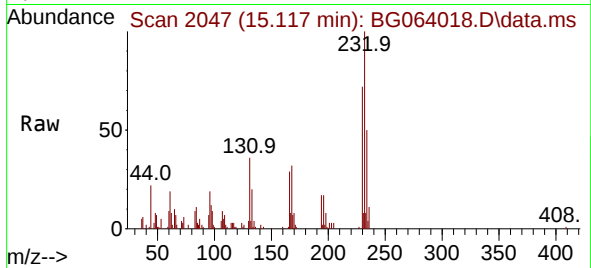
Ion Ratio Lower Upper

232 100

131 38.3 34.0 51.0

130 2.4 2.2 3.4

166 28.0 24.1 36.1



#60

Diethylphthalate

Concen: 9.977 ng

RT: 15.323 min Scan# 2082

Delta R.T. -0.003 min

Lab File: BG064018.D

Acq: 6 Feb 2025 15:21

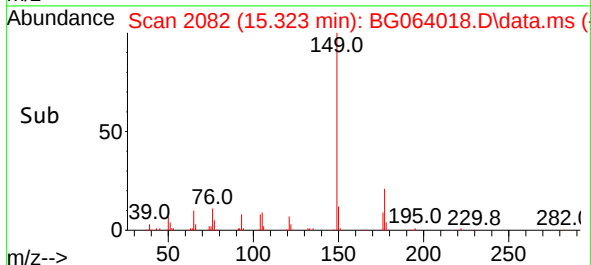
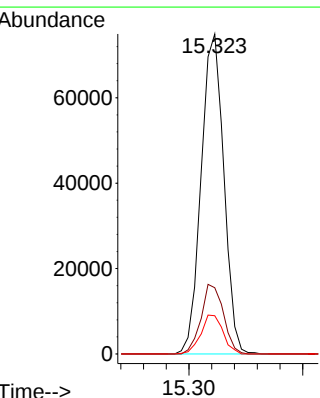
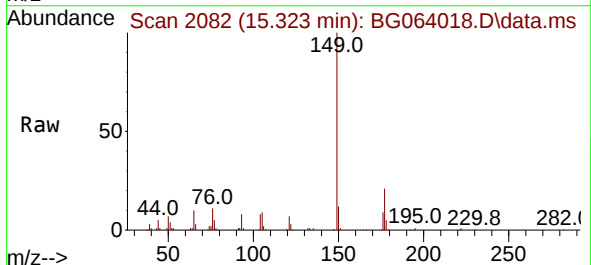
Tgt Ion:149 Resp: 103840

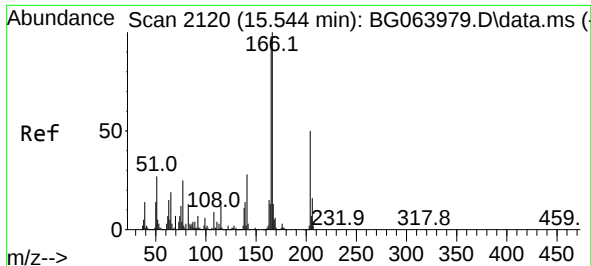
Ion Ratio Lower Upper

149 100

177 20.7 18.0 27.0

150 12.0 9.7 14.5

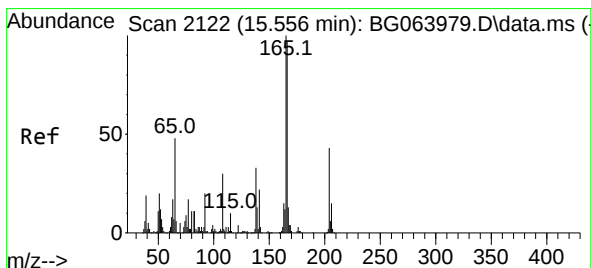
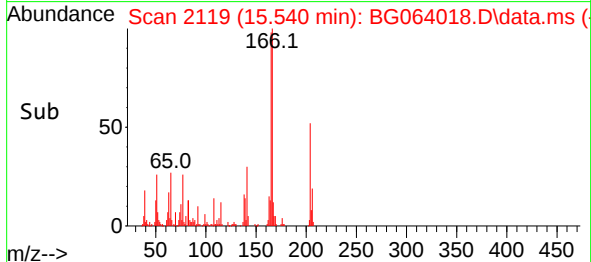
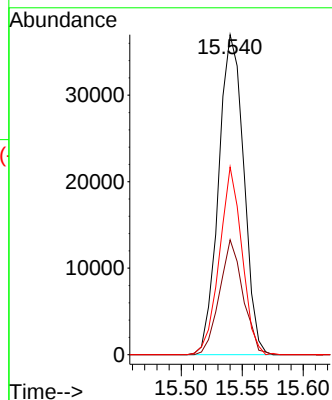
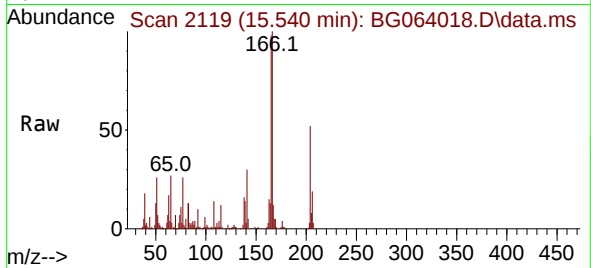




#61  
4-Chlorophenyl-phenylether  
Concen: 9.844 ng  
RT: 15.540 min Scan# 2119  
Delta R.T. -0.004 min  
Lab File: BG064018.D  
Acq: 6 Feb 2025 15:21

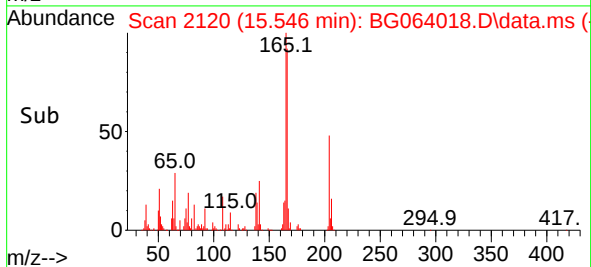
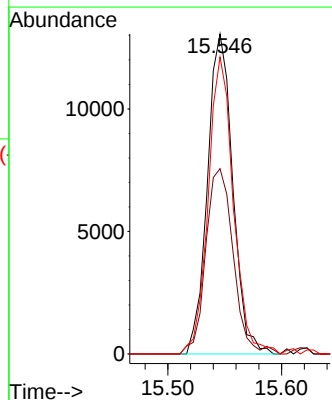
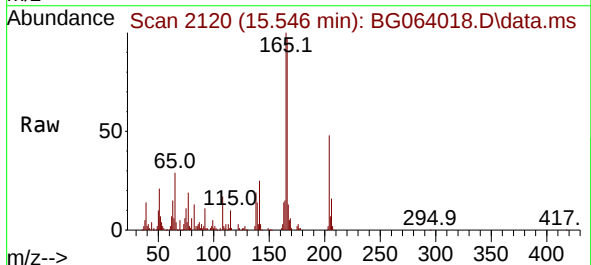
Instrument :  
BNA\_G  
ClientSampleId :  
MDL-WATER-03-QT1-2025

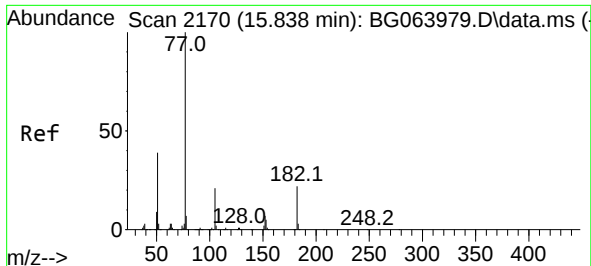
Tgt Ion:204 Resp: 53060  
Ion Ratio Lower Upper  
204 100  
206 35.9 25.8 38.6  
141 58.6 44.6 67.0



#62  
4-Nitroaniline  
Concen: 11.916 ng  
RT: 15.546 min Scan# 2120  
Delta R.T. -0.010 min  
Lab File: BG064018.D  
Acq: 6 Feb 2025 15:21

Tgt Ion:138 Resp: 20188  
Ion Ratio Lower Upper  
138 100  
92 57.9 40.3 80.3  
108 92.8 69.3 109.3

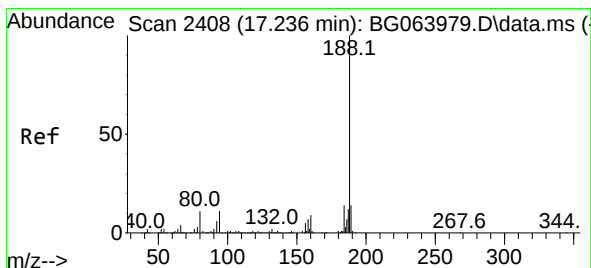
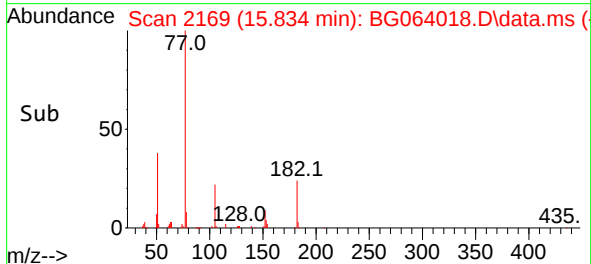
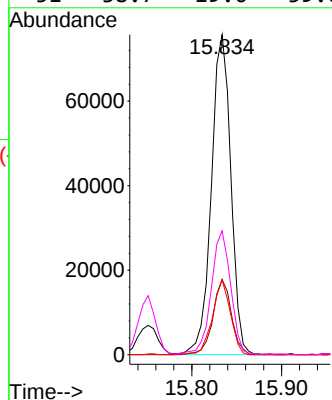
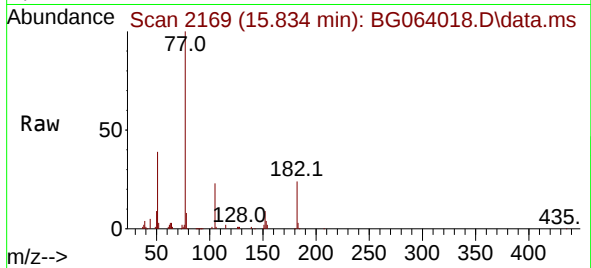




#63  
Azobenzene  
Concen: 9.283 ng  
RT: 15.834 min Scan# 2170  
Delta R.T. -0.004 min  
Lab File: BG064018.D  
Acq: 6 Feb 2025 15:21

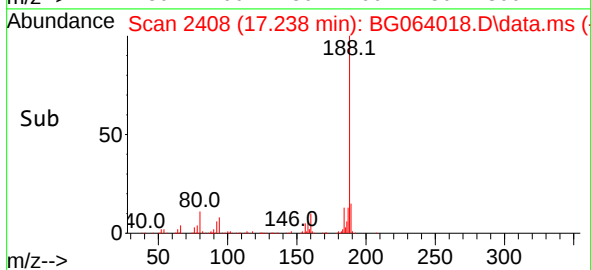
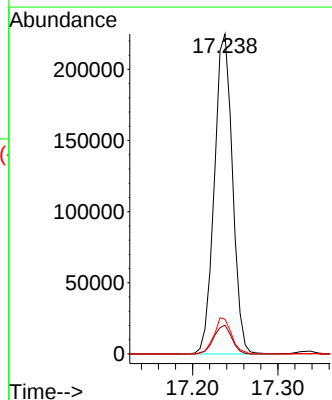
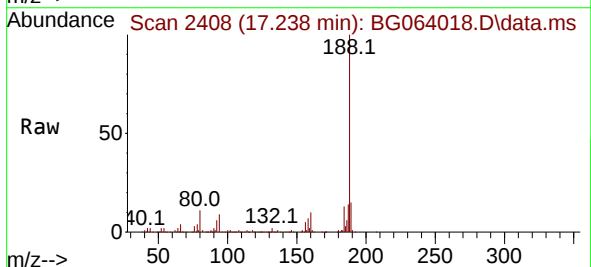
Instrument :  
BNA\_G  
ClientSampleId :  
MDL-WATER-03-QT1-2025

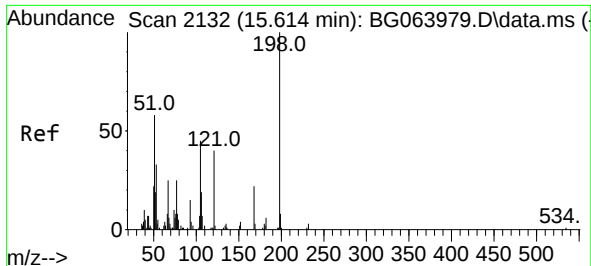
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 77    | Resp: | 114108 |
| Ion      | Ratio | Lower | Upper  |
| 77       | 100   |       |        |
| 182      | 23.5  | 2.3   | 42.3   |
| 105      | 23.4  | 1.0   | 41.0   |
| 51       | 38.7  | 19.0  | 59.0   |



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.238 min Scan# 2408  
Delta R.T. 0.002 min  
Lab File: BG064018.D  
Acq: 6 Feb 2025 15:21

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 188   | Resp: | 331686 |
| Ion      | Ratio | Lower | Upper  |
| 188      | 100   |       |        |
| 94       | 9.0   | 8.6   | 13.0   |
| 80       | 10.9  | 8.5   | 12.7   |

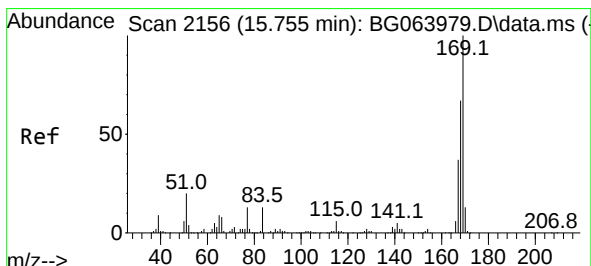
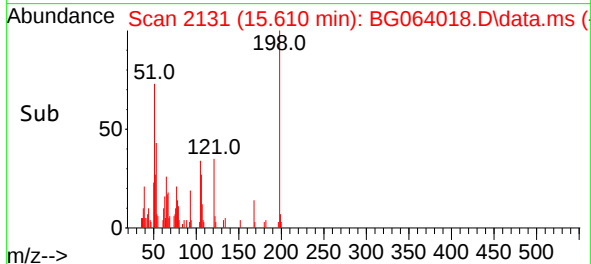
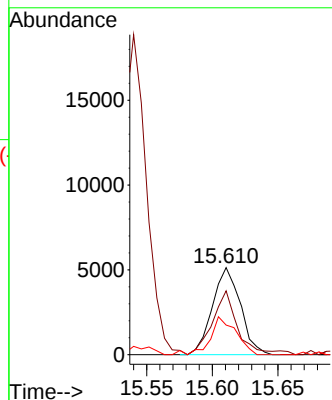
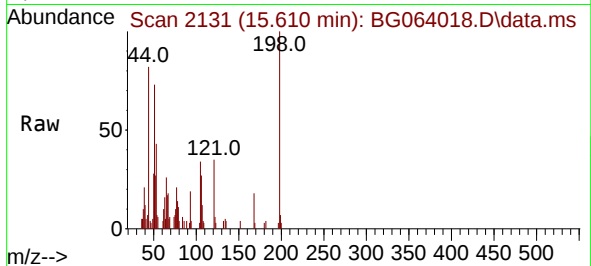




#65  
4,6-Dinitro-2-methylphenol  
Concen: 16.393 ng  
RT: 15.610 min Scan# 2132  
Delta R.T. -0.004 min  
Lab File: BG064018.D  
Acq: 6 Feb 2025 15:21

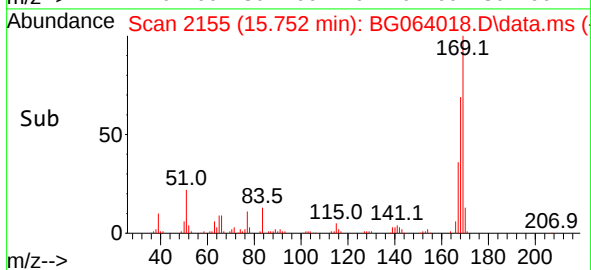
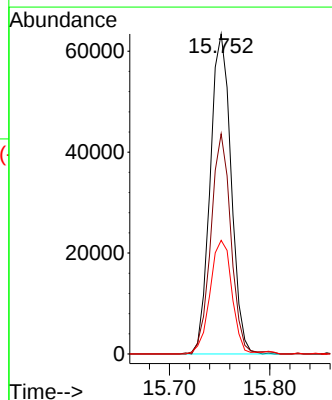
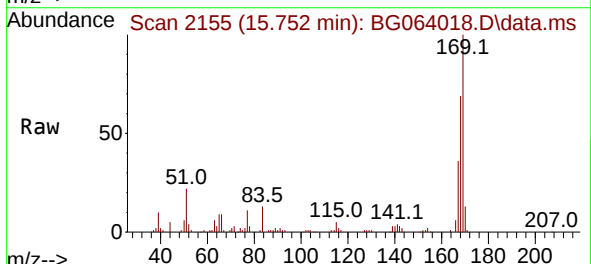
Instrument :  
BNA\_G  
ClientSampleId :  
MDL-WATER-03-QT1-2025

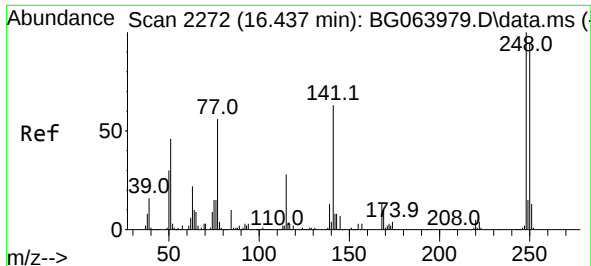
Tgt Ion:198 Resp: 7615  
Ion Ratio Lower Upper  
198 100  
51 73.4 45.4 85.4  
105 33.9 27.7 67.7



#66  
n-Nitrosodiphenylamine  
Concen: 9.975 ng  
RT: 15.752 min Scan# 2155  
Delta R.T. -0.004 min  
Lab File: BG064018.D  
Acq: 6 Feb 2025 15:21

Tgt Ion:169 Resp: 91737  
Ion Ratio Lower Upper  
169 100  
168 68.8 53.5 80.3  
167 35.5 30.0 45.0





#67

4-Bromophenyl-phenylether

Concen: 9.947 ng

RT: 16.433 min Scan# 21

Delta R.T. -0.004 min

Lab File: BG064018.D

Acq: 6 Feb 2025 15:21

Instrument :

BNA\_G

ClientSampleId :

MDL-WATER-03-QT1-2025

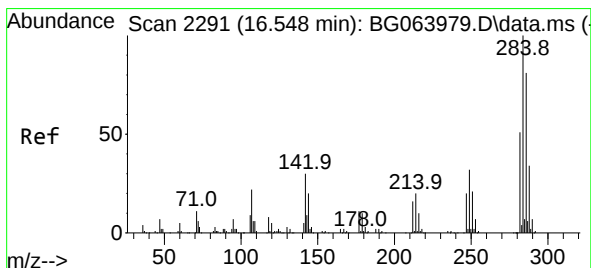
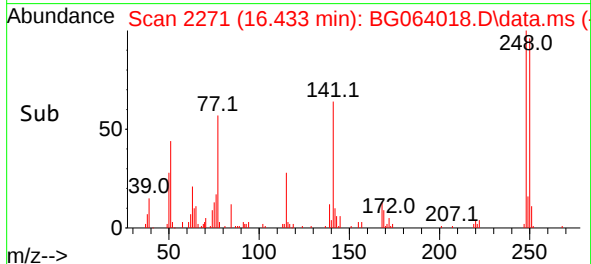
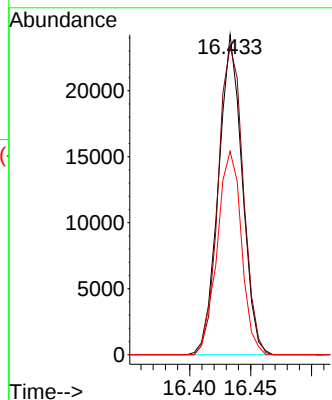
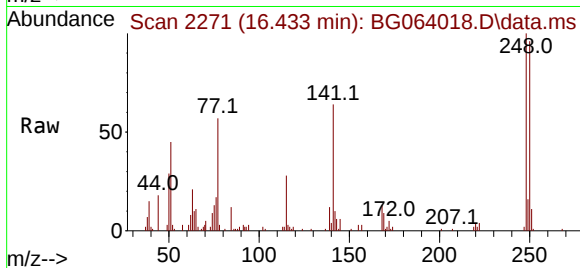
Tgt Ion:248 Resp: 32838

Ion Ratio Lower Upper

248 100

250 96.3 76.2 114.4

141 63.6 50.6 75.8



#68

Hexachlorobenzene

Concen: 9.889 ng

RT: 16.545 min Scan# 2290

Delta R.T. -0.004 min

Lab File: BG064018.D

Acq: 6 Feb 2025 15:21

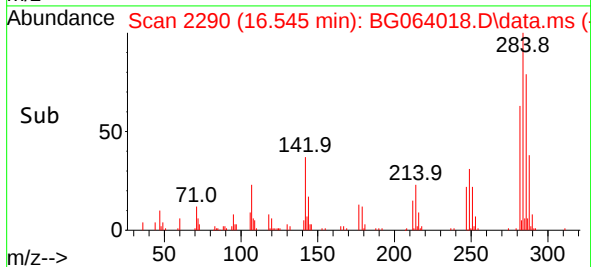
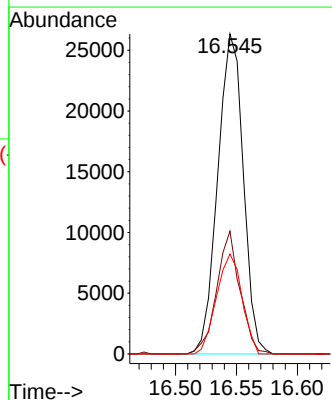
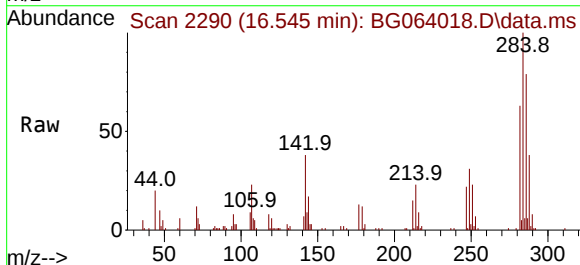
Tgt Ion:284 Resp: 38385

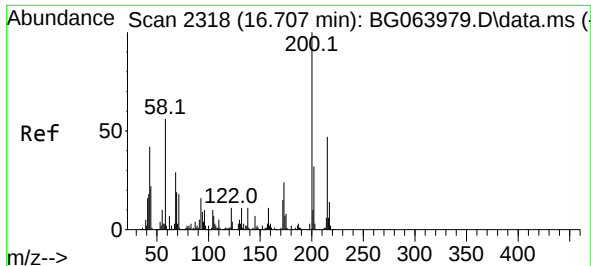
Ion Ratio Lower Upper

284 100

142 38.4 23.8 35.8#

249 31.2 25.9 38.9

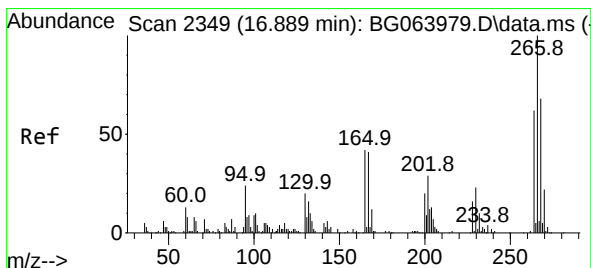
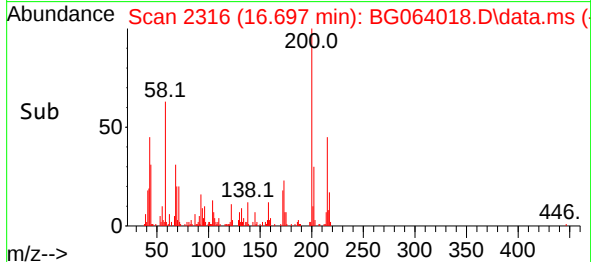
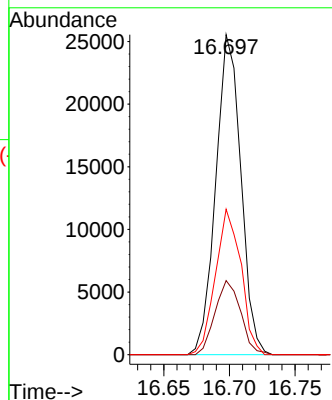
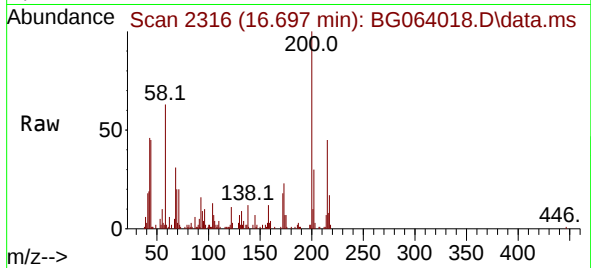




#69  
 Atrazine  
 Concen: 11.089 ng  
 RT: 16.697 min Scan# 21  
 Delta R.T. -0.010 min  
 Lab File: BG064018.D  
 Acq: 6 Feb 2025 15:21

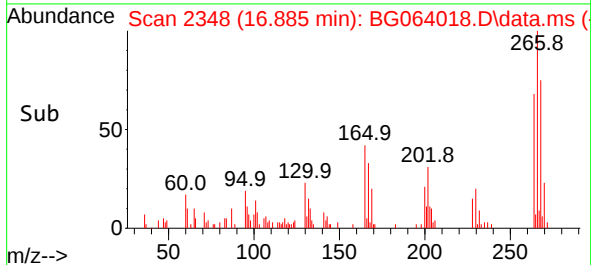
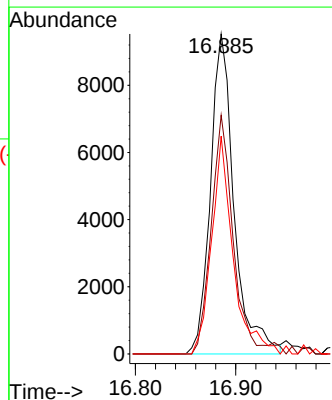
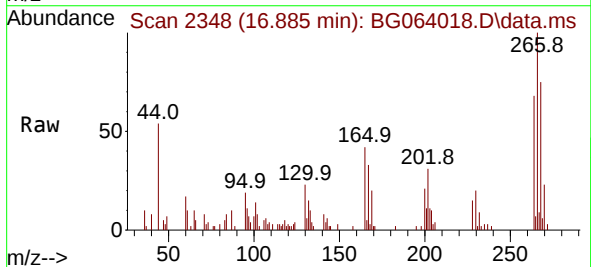
Instrument :  
 BNA\_G  
 ClientSampleId :  
 MDL-WATER-03-QT1-2025

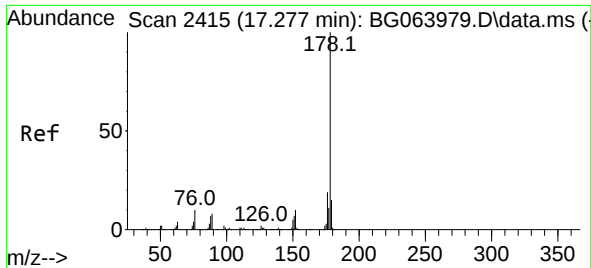
Tgt Ion:200 Resp: 33935  
 Ion Ratio Lower Upper  
 200 100  
 173 23.2 3.8 43.8  
 215 45.5 26.6 66.6



#70  
 Pentachlorophenol  
 Concen: 14.174 ng  
 RT: 16.885 min Scan# 2348  
 Delta R.T. -0.004 min  
 Lab File: BG064018.D  
 Acq: 6 Feb 2025 15:21

Tgt Ion:266 Resp: 15600  
 Ion Ratio Lower Upper  
 266 100  
 268 80.4 54.8 82.2  
 264 68.1 50.0 75.0

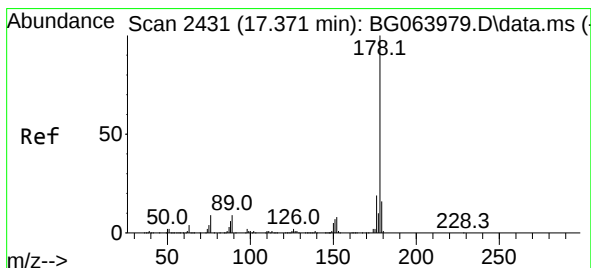
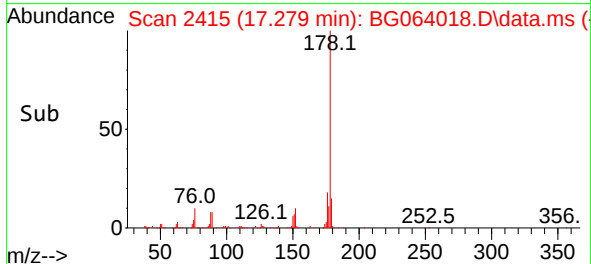
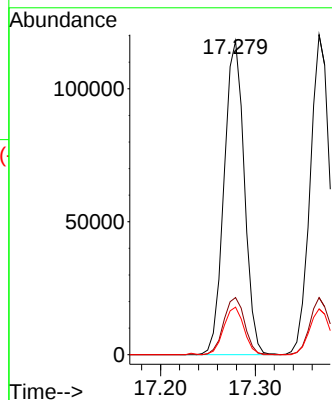
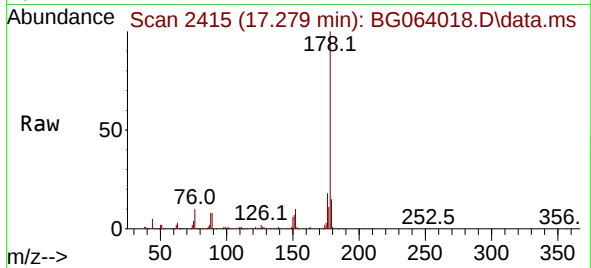




#71  
Phenanthrene  
Concen: 10.041 ng  
RT: 17.279 min Scan# 2415  
Delta R.T. 0.002 min  
Lab File: BG064018.D  
Acq: 6 Feb 2025 15:21

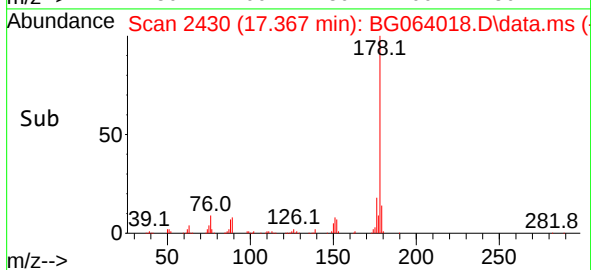
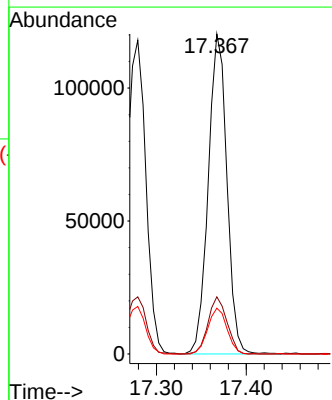
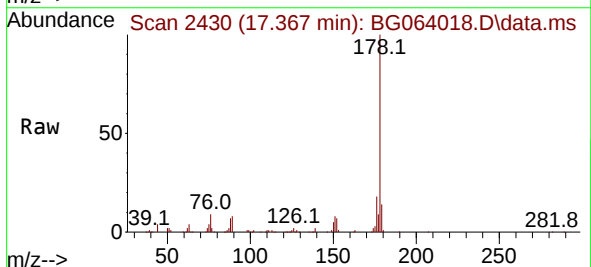
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BNA\_G  
ClientSampleId :  
MDL-WATER-03-QT1-2025

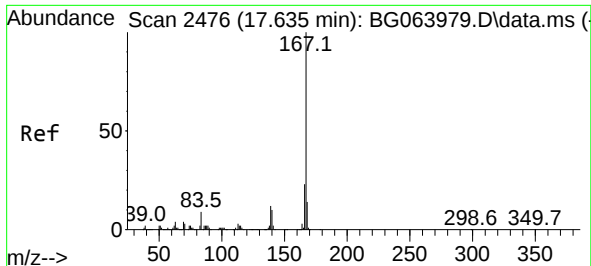
Tgt Ion:178 Resp: 174922  
Ion Ratio Lower Upper  
178 100  
176 18.2 15.5 23.3  
179 15.1 12.2 18.4



#72  
Anthracene  
Concen: 9.954 ng  
RT: 17.367 min Scan# 2430  
Delta R.T. -0.004 min  
Lab File: BG064018.D  
Acq: 6 Feb 2025 15:21

Tgt Ion:178 Resp: 173520  
Ion Ratio Lower Upper  
178 100  
176 17.8 15.0 22.4  
179 14.3 12.8 19.2

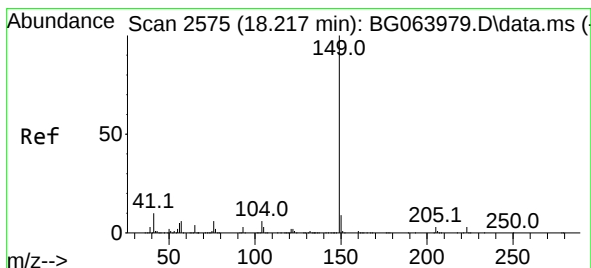
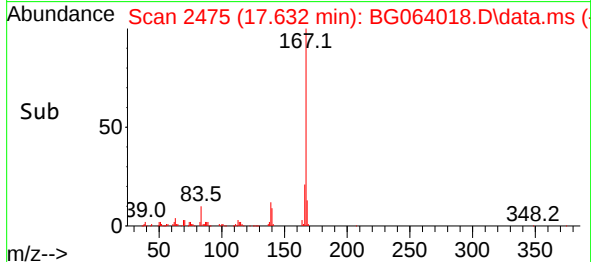
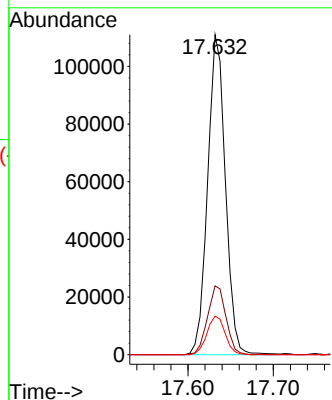
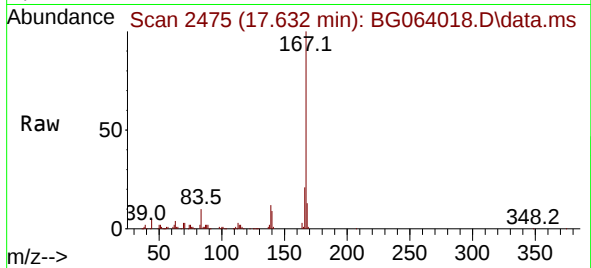




#73  
 Carbazole  
 Concen: 9.838 ng  
 RT: 17.632 min Scan# 2476  
 Delta R.T. -0.004 min  
 Lab File: BG064018.D  
 Acq: 6 Feb 2025 15:21

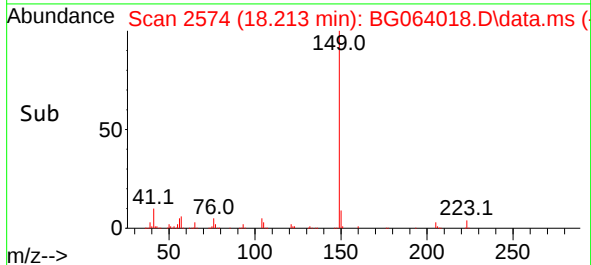
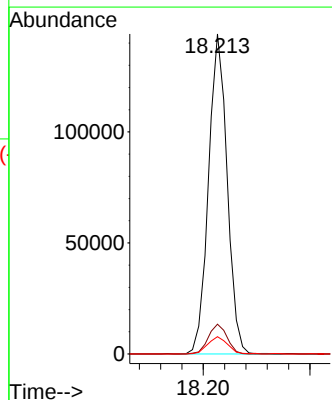
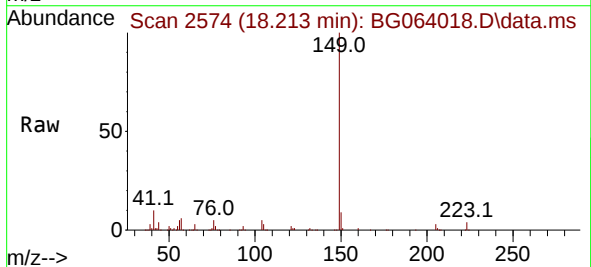
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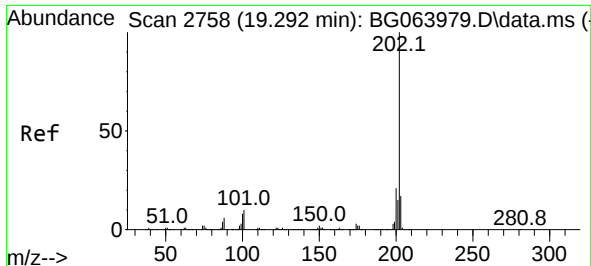
Tgt Ion:167 Resp: 160540  
 Ion Ratio Lower Upper  
 167 100  
 166 21.5 18.6 28.0  
 139 12.0 9.8 14.8



#74  
 Di-n-butylphthalate  
 Concen: 10.268 ng  
 RT: 18.213 min Scan# 2574  
 Delta R.T. -0.004 min  
 Lab File: BG064018.D  
 Acq: 6 Feb 2025 15:21

Tgt Ion:149 Resp: 174656  
 Ion Ratio Lower Upper  
 149 100  
 150 9.3 7.4 11.0  
 104 5.4 4.6 6.8

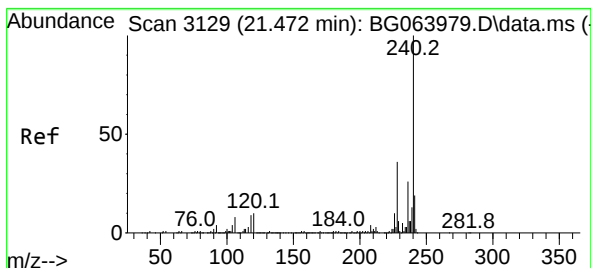
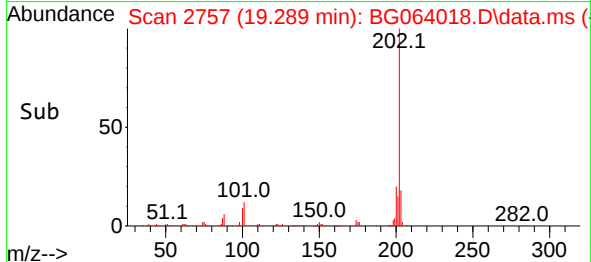
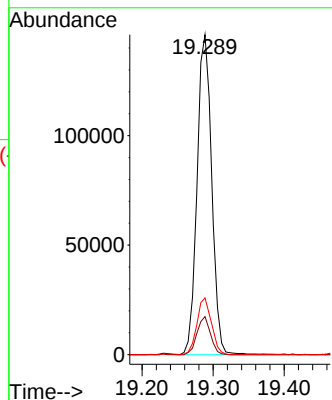
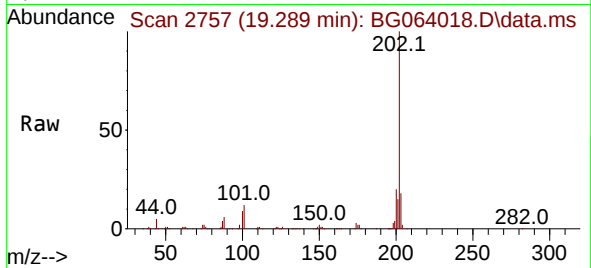




#75  
Fluoranthene  
Concen: 9.882 ng  
RT: 19.289 min Scan# 21  
Delta R.T. -0.004 min  
Lab File: BG064018.D  
Acq: 6 Feb 2025 15:21

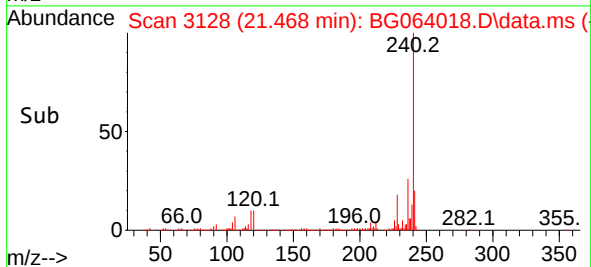
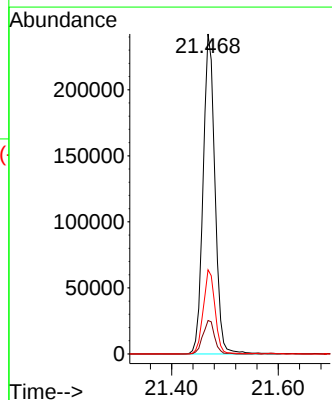
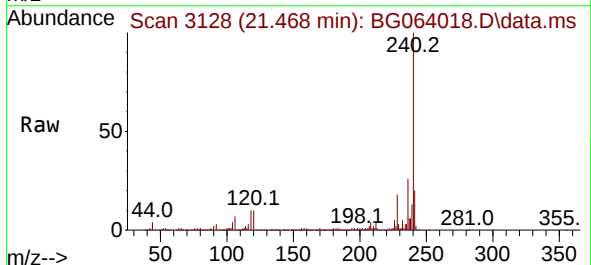
Instrument :  
BNA\_G  
ClientSampleId :  
MDL-WATER-03-QT1-2025

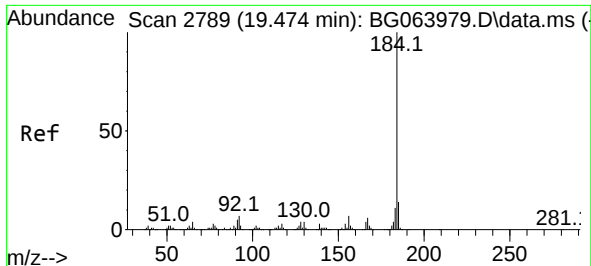
Tgt Ion:202 Resp: 209636  
Ion Ratio Lower Upper  
202 100  
101 11.9 0.0 30.4  
203 17.7 0.0 37.0



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.468 min Scan# 3128  
Delta R.T. -0.004 min  
Lab File: BG064018.D  
Acq: 6 Feb 2025 15:21

Tgt Ion:240 Resp: 372919  
Ion Ratio Lower Upper  
240 100  
120 10.5 7.9 11.9  
236 26.3 21.0 31.6

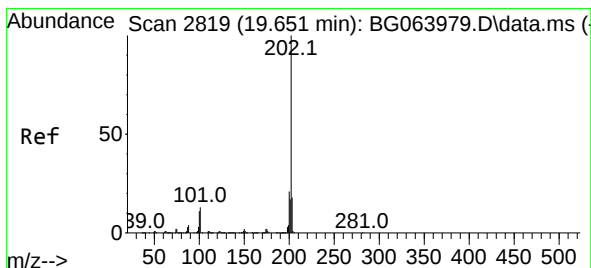
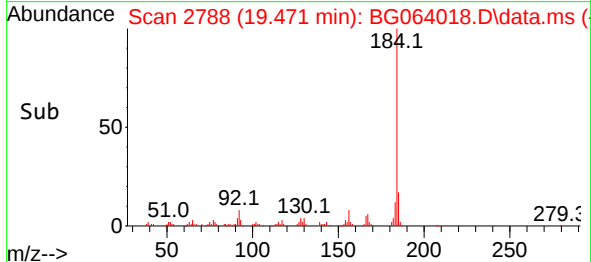
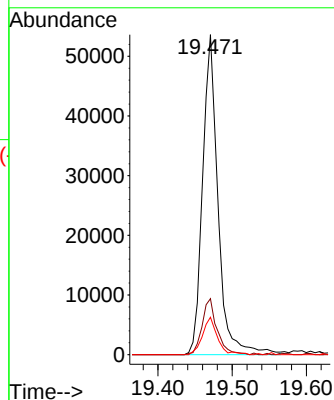
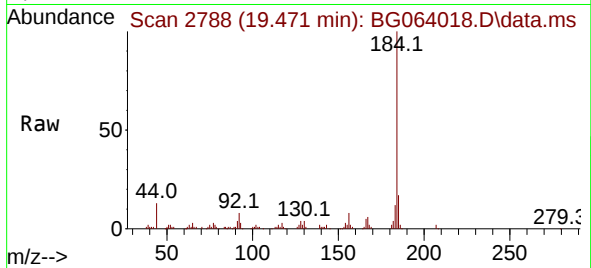




#77  
Benzidine  
Concen: 9.794 ng  
RT: 19.471 min Scan# 21  
Delta R.T. -0.004 min  
Lab File: BG064018.D  
Acq: 6 Feb 2025 15:21

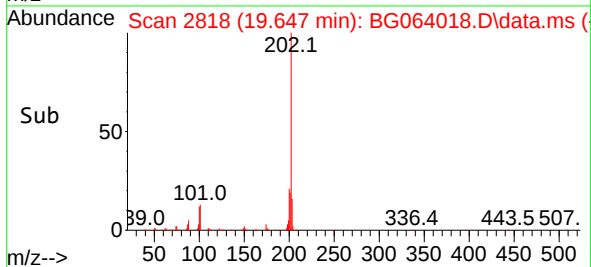
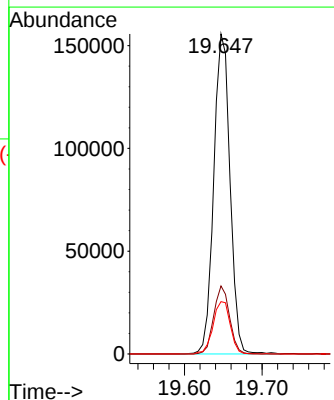
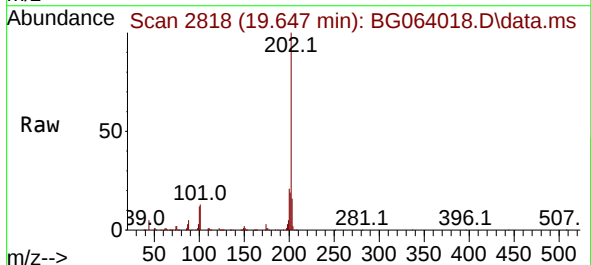
Instrument :  
BNA\_G  
ClientSampleId :  
MDL-WATER-03-QT1-2025

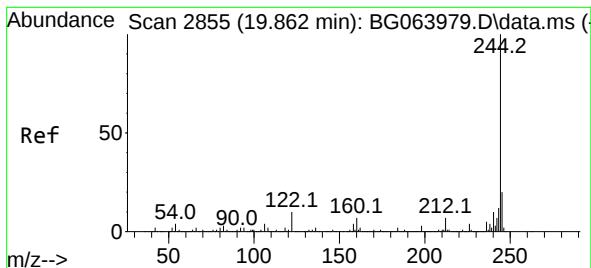
Tgt Ion:184 Resp: 77772  
Ion Ratio Lower Upper  
184 100  
185 17.5 11.2 16.8#  
183 11.7 8.7 13.1



#78  
Pyrene  
Concen: 9.856 ng  
RT: 19.647 min Scan# 2818  
Delta R.T. -0.004 min  
Lab File: BG064018.D  
Acq: 6 Feb 2025 15:21

Tgt Ion:202 Resp: 226896  
Ion Ratio Lower Upper  
202 100  
200 21.3 17.0 25.4  
203 16.4 14.5 21.7





#79

Terphenyl-d14

Concen: 97.895 ng

RT: 19.858 min Scan# 2854

Delta R.T. -0.004 min

Lab File: BG064018.D

Acq: 6 Feb 2025 15:21

Instrument :

BNA\_G

ClientSampleId :

MDL-WATER-03-QT1-2025

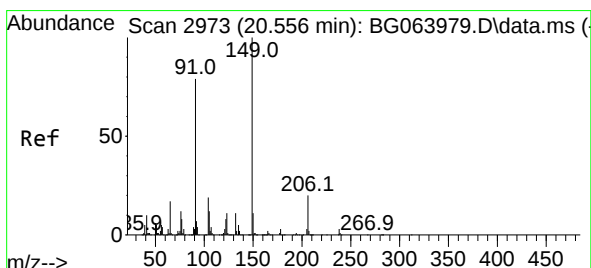
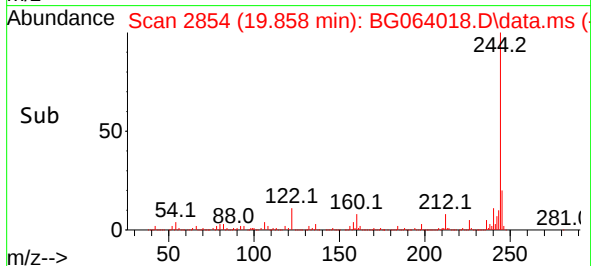
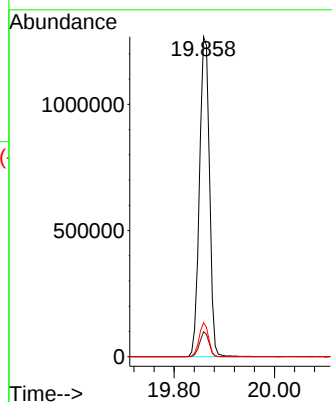
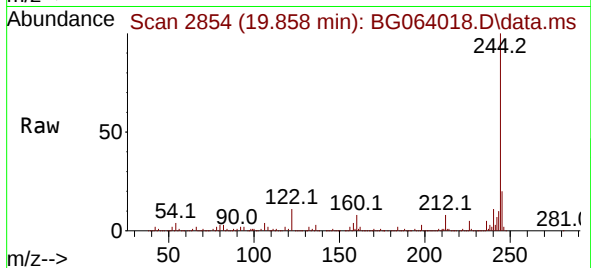
Tgt Ion:244 Resp: 1748022

Ion Ratio Lower Upper

244 100

212 7.8 5.8 8.8

122 10.6 7.7 11.5



#80

Butylbenzylphthalate

Concen: 13.186 ng

RT: 20.558 min Scan# 2973

Delta R.T. 0.002 min

Lab File: BG064018.D

Acq: 6 Feb 2025 15:21

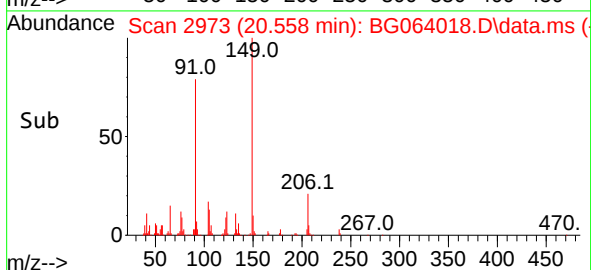
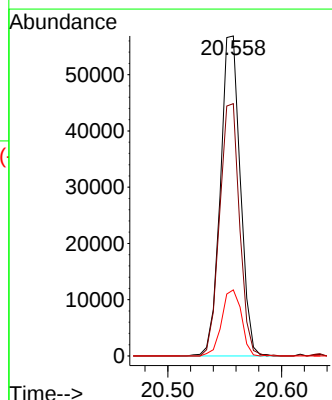
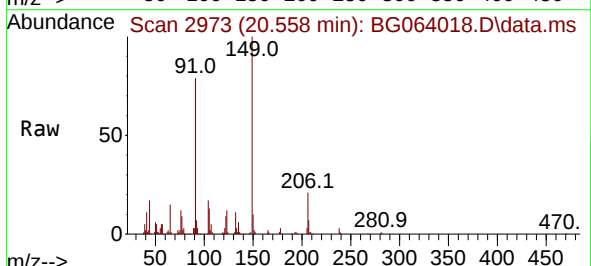
Tgt Ion:149 Resp: 69365

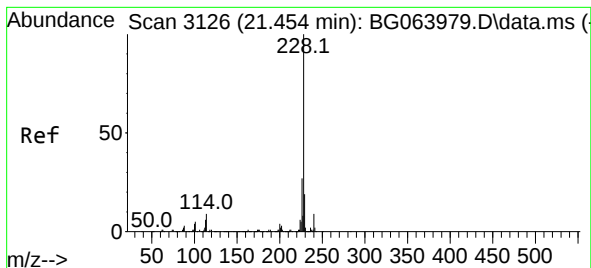
Ion Ratio Lower Upper

149 100

91 78.8 63.0 94.6

206 20.6 15.8 23.6





#81

Benzo(a)anthracene

Concen: 10.096 ng

RT: 21.451 min Scan# 3126

Delta R.T. -0.004 min

Lab File: BG064018.D

Acq: 6 Feb 2025 15:21

Instrument :

BNA\_G

ClientSampleId :

MDL-WATER-03-QT1-2025

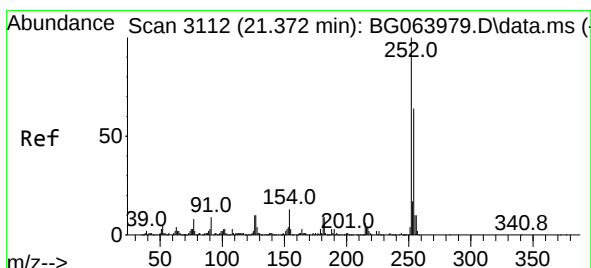
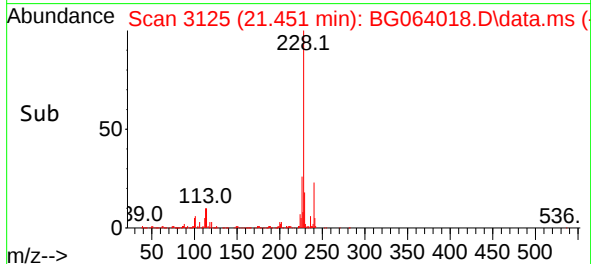
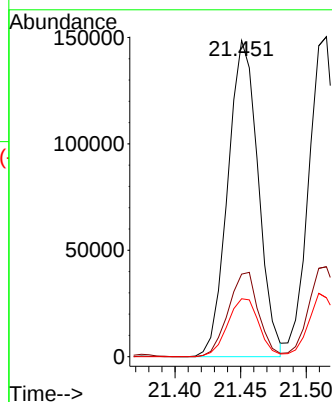
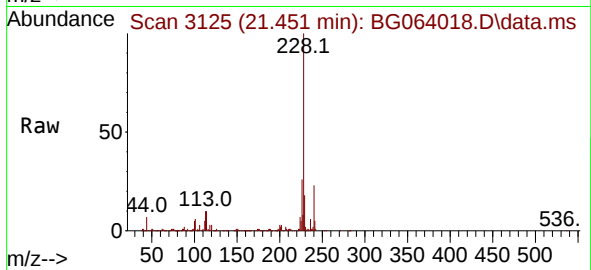
Tgt Ion:228 Resp: 239048

Ion Ratio Lower Upper

228 100

226 26.1 21.8 32.6

229 18.3 15.5 23.3



#82

3,3'-Dichlorobenzidine

Concen: 10.466 ng

RT: 21.374 min Scan# 3112

Delta R.T. 0.002 min

Lab File: BG064018.D

Acq: 6 Feb 2025 15:21

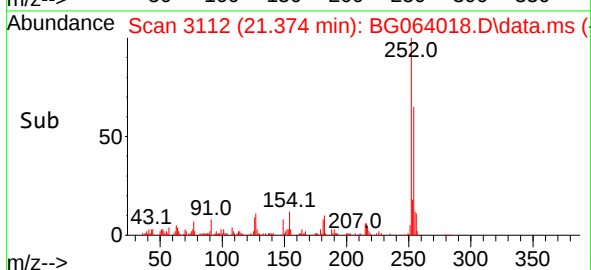
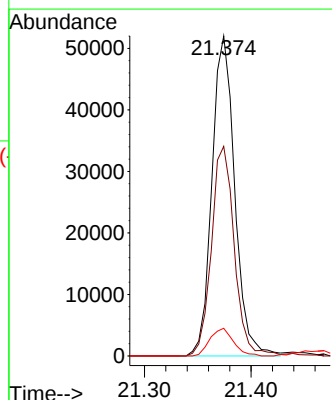
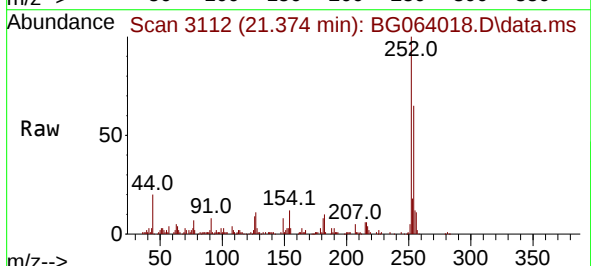
Tgt Ion:252 Resp: 77175

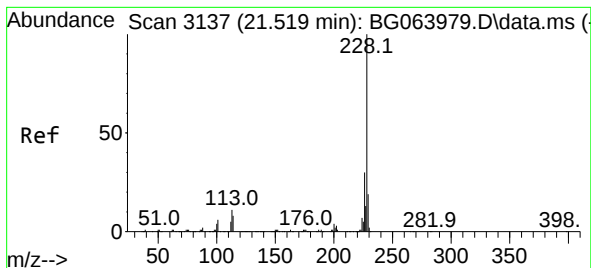
Ion Ratio Lower Upper

252 100

254 65.5 50.8 76.2

126 8.7 8.2 12.2





#83

Chrysene

Concen: 9.918 ng

RT: 21.515 min Scan# 3115

Delta R.T. -0.004 min

Lab File: BG064018.D

Acq: 6 Feb 2025 15:21

Instrument :

BNA\_G

ClientSampleId :

MDL-WATER-03-QT1-2025

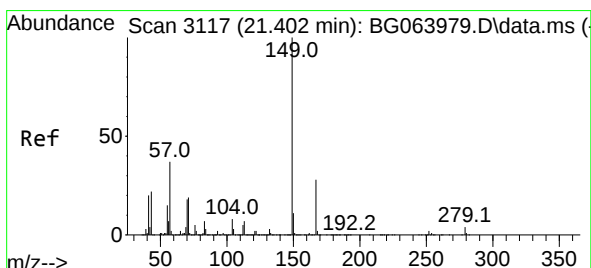
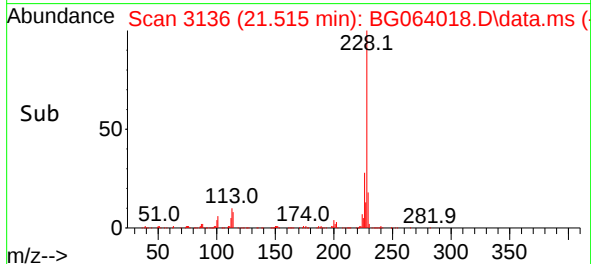
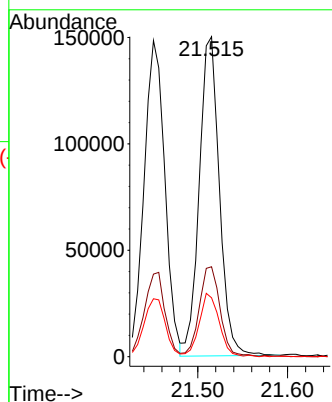
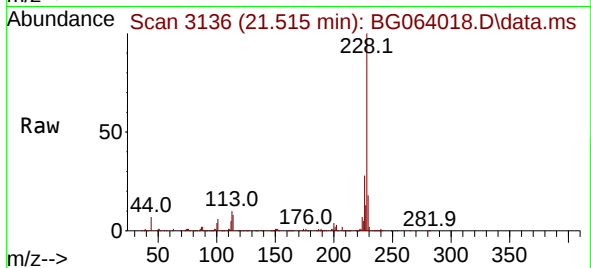
Tgt Ion:228 Resp: 233691

Ion Ratio Lower Upper

228 100

226 28.1 24.2 36.2

229 18.4 15.4 23.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 12.666 ng

RT: 21.392 min Scan# 3115

Delta R.T. -0.010 min

Lab File: BG064018.D

Acq: 6 Feb 2025 15:21

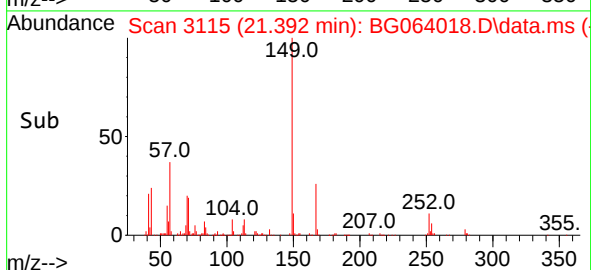
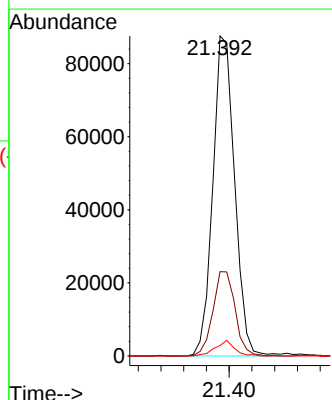
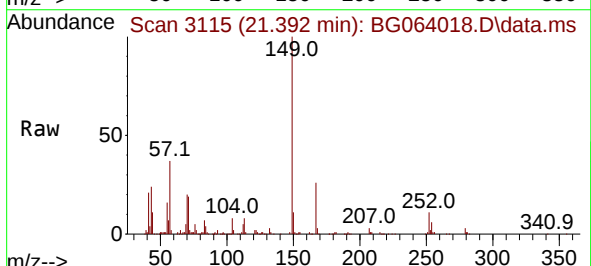
Tgt Ion:149 Resp: 116520

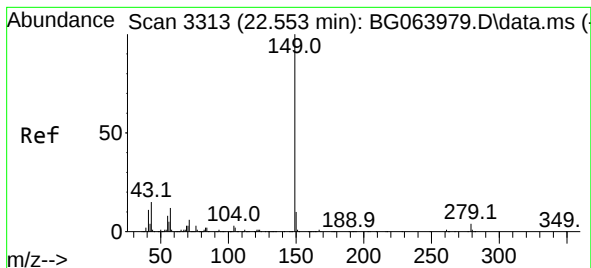
Ion Ratio Lower Upper

149 100

167 26.4 22.5 33.7

279 3.3 3.0 4.4





#85

Di-n-octyl phthalate

Concen: 14.385 ng

RT: 22.549 min Scan# 31

Delta R.T. -0.004 min

Lab File: BG064018.D

Acq: 6 Feb 2025 15:21

Instrument :

BNA\_G

ClientSampleId :

MDL-WATER-03-QT1-2025

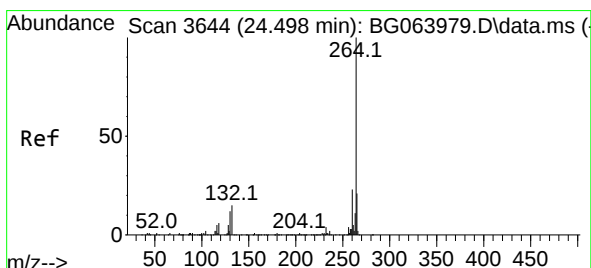
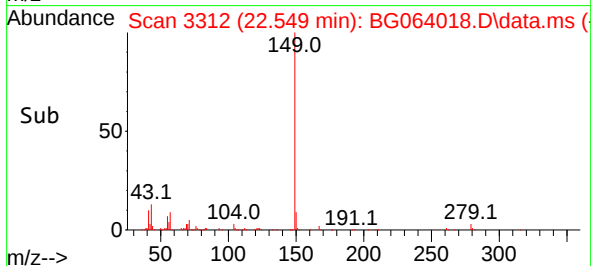
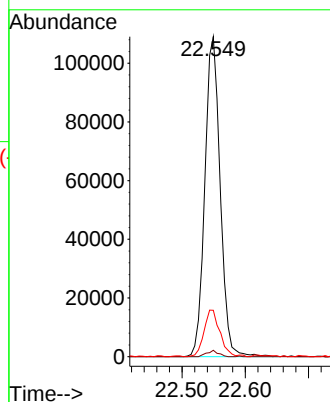
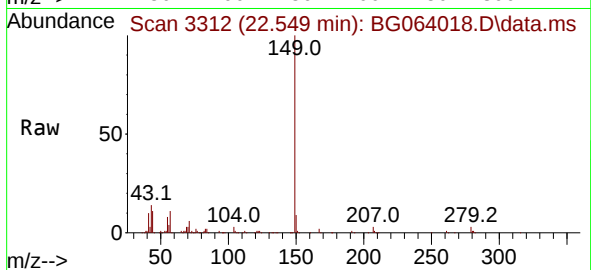
Tgt Ion:149 Resp: 183589

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 15.2 12.3 18.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.500 min Scan# 3644

Delta R.T. 0.002 min

Lab File: BG064018.D

Acq: 6 Feb 2025 15:21

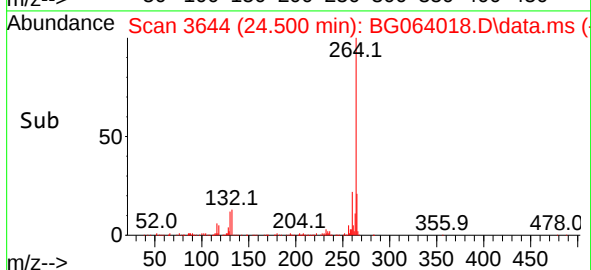
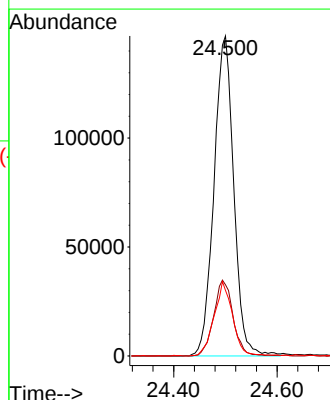
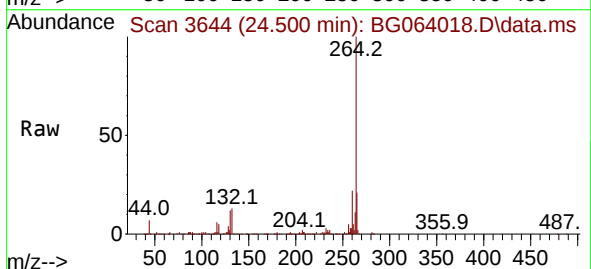
Tgt Ion:264 Resp: 389721

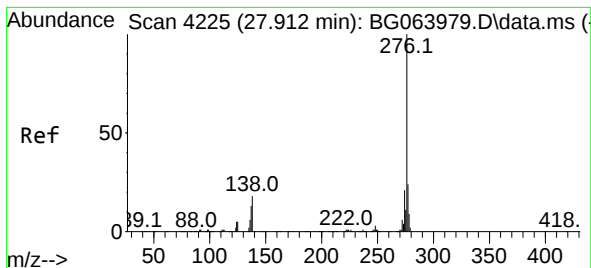
Ion Ratio Lower Upper

264 100

260 22.3 18.7 28.1

265 20.5 16.6 24.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 10.010 ng

RT: 27.896 min Scan# 4222

Delta R.T. -0.016 min

Lab File: BG064018.D

Acq: 6 Feb 2025 15:21

Instrument :

BNA\_G

ClientSampleId :

MDL-WATER-03-QT1-2025

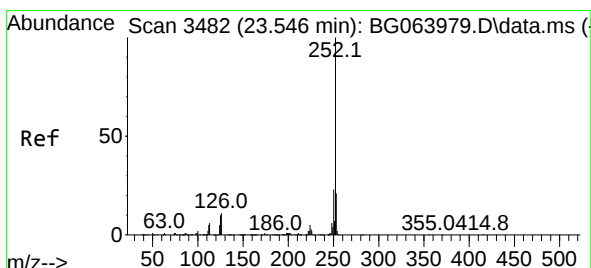
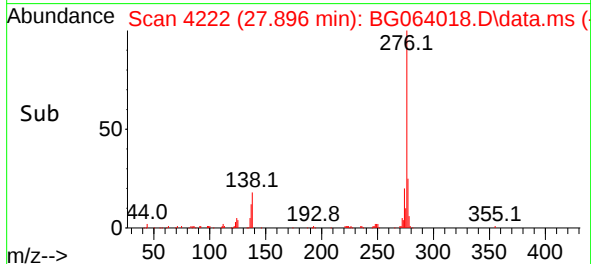
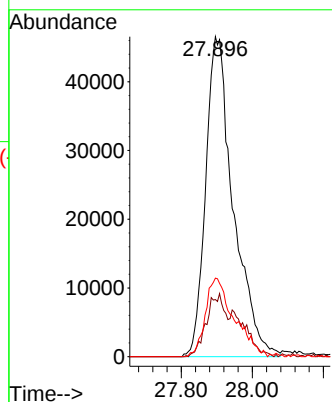
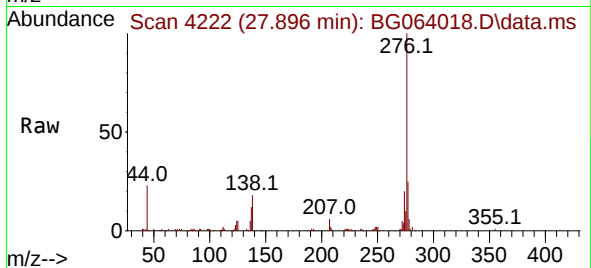
Tgt Ion:276 Resp: 251682

Ion Ratio Lower Upper

276 100

138 13.4 10.7 16.1

277 25.4 20.2 30.4



#88

Benzo(b)fluoranthene

Concen: 9.352 ng

RT: 23.536 min Scan# 3480

Delta R.T. -0.010 min

Lab File: BG064018.D

Acq: 6 Feb 2025 15:21

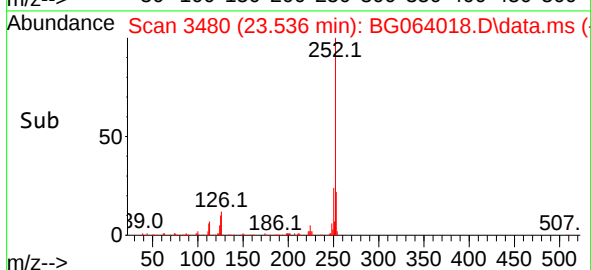
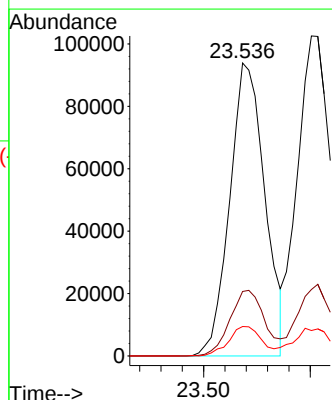
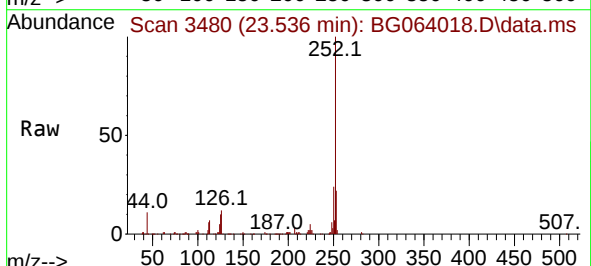
Tgt Ion:252 Resp: 214625

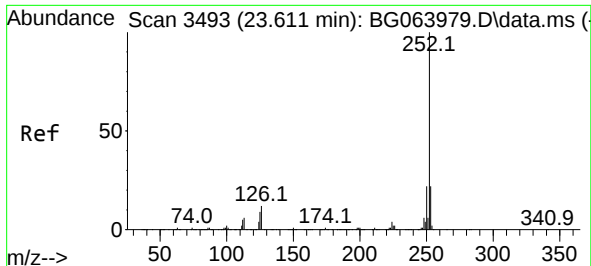
Ion Ratio Lower Upper

252 100

253 22.0 16.9 25.3

125 10.0 7.9 11.9

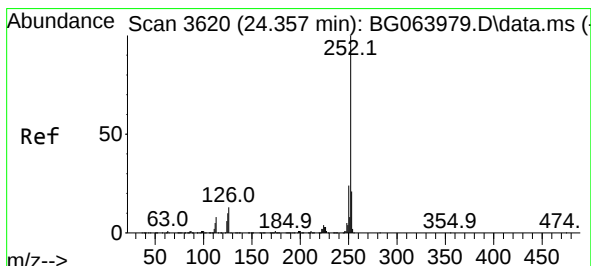
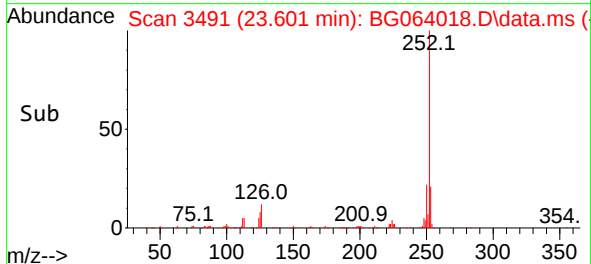
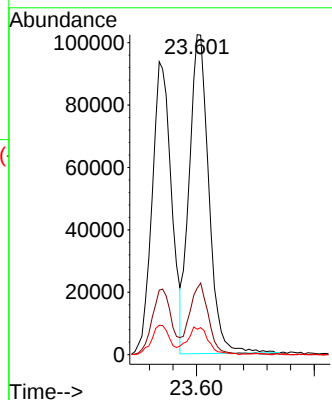
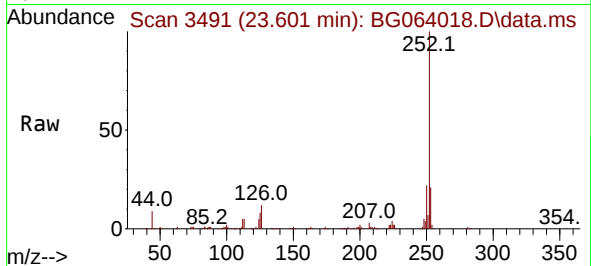




#89  
Benzo(k)fluoranthene  
Concen: 10.001 ng  
RT: 23.601 min Scan# 3493  
Delta R.T. -0.010 min  
Lab File: BG064018.D  
Acq: 6 Feb 2025 15:21

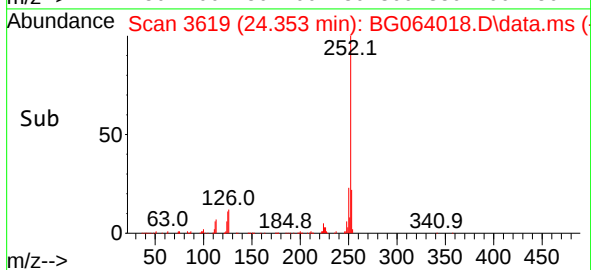
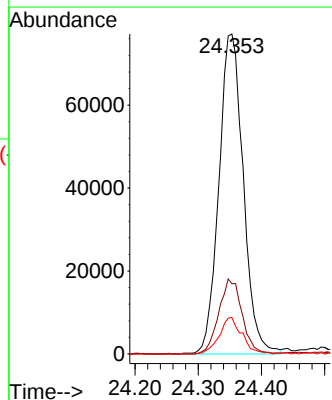
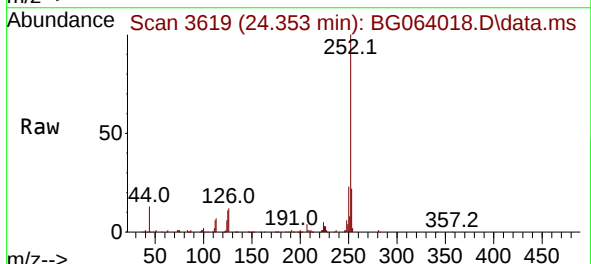
Instrument :  
BNA\_G  
ClientSampleId :  
MDL-WATER-03-QT1-2025

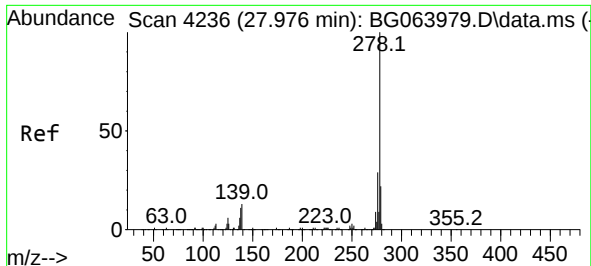
Tgt Ion:252 Resp: 235675  
Ion Ratio Lower Upper  
252 100  
253 20.8 17.7 26.5  
125 8.0 7.5 11.3



#90  
Benzo(a)pyrene  
Concen: 10.083 ng  
RT: 24.353 min Scan# 3619  
Delta R.T. -0.004 min  
Lab File: BG064018.D  
Acq: 6 Feb 2025 15:21

Tgt Ion:252 Resp: 206544  
Ion Ratio Lower Upper  
252 100  
253 22.0 17.1 25.7  
125 11.4 7.9 11.9

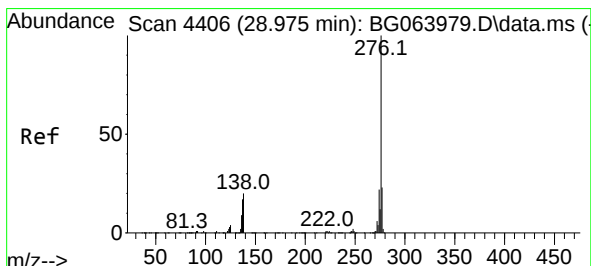
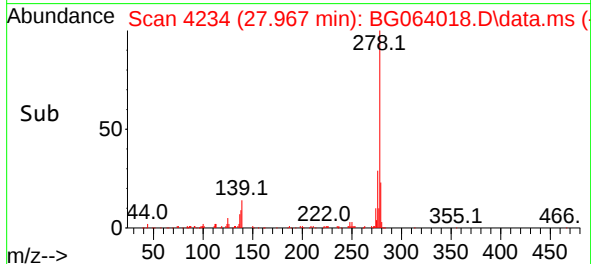
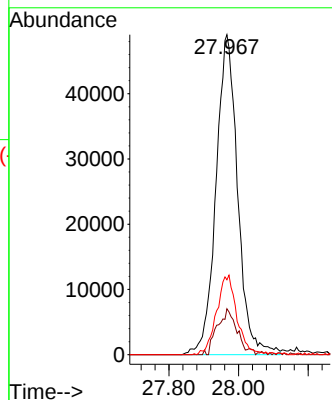
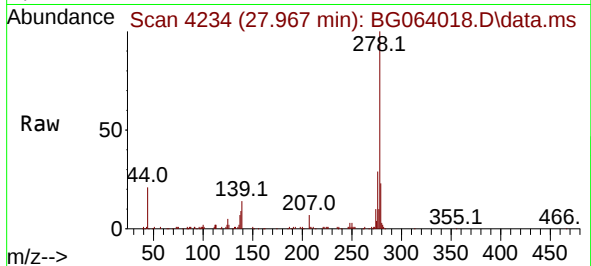




#91  
Dibenzo(a,h)anthracene  
Concen: 9.980 ng  
RT: 27.967 min Scan# 41  
Delta R.T. -0.010 min  
Lab File: BG064018.D  
Acq: 6 Feb 2025 15:21

Instrument :  
BNA\_G  
ClientSampleId :  
MDL-WATER-03-QT1-2025

Tgt Ion:278 Resp: 211882  
Ion Ratio Lower Upper  
278 100  
139 14.4 10.8 16.2  
279 23.4 17.8 26.6



#92  
Benzo(g,h,i)perylene  
Concen: 9.203 ng  
RT: 28.965 min Scan# 4404  
Delta R.T. -0.010 min  
Lab File: BG064018.D  
Acq: 6 Feb 2025 15:21

Tgt Ion:276 Resp: 197250  
Ion Ratio Lower Upper  
276 100  
277 21.1 18.2 27.4  
138 19.7 15.8 23.6

