

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG031722\  
 Data File : BG052690.D  
 Acq On : 17 Mar 2022 13:29  
 Operator : CG/JU  
 Sample : N1645-09  
 Misc : MDL-MDL-WATER 8ppm  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 MDL-WATER-03-QT1-2022

Quant Time: Mar 17 14:11:45 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG031522.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Mar 17 12:13:08 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.151  | 152  | 47385    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.965 | 136  | 199041   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.772 | 164  | 138739   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.515 | 188  | 330832   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 21.804 | 240  | 351079   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 25.128 | 264  | 362662   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.708  | 112  | 371731   | 136.620 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.300  | 99   | 547593   | 133.492 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.315  | 82   | 314012   | 79.181  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.258 | 330  | 242117   | 129.872 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.403 | 172  | 720138   | 76.553  | ng    | 0.00     |
| 79) Terphenyl-d14             | 20.118 | 244  | 1395473  | 70.706  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.605  | 88   | 10174    | 7.475   | ng    | 94       |
| 3) Pyridine                   | 4.010  | 79   | 24754    | 7.095   | ng    | # 90     |
| 4) n-Nitrosodimethylamine     | 3.910  | 42   | 10137    | 6.549   | ng    | # 87     |
| 6) Aniline                    | 7.470  | 93   | 37996    | 7.900   | ng    | 99       |
| 8) 2-Chlorophenol             | 7.717  | 128  | 19316    | 6.756   | ng    | 88       |
| 9) Benzaldehyde               | 7.288  | 77   | 24682    | 9.796   | ng    | 90       |
| 10) Phenol                    | 7.323  | 94   | 26631    | 6.577   | ng    | 74       |
| 11) bis(2-Chloroethyl)ether   | 7.564  | 93   | 20209    | 6.609   | ng    | 91       |
| 12) 1,3-Dichlorobenzene       | 8.046  | 146  | 24581    | 7.141   | ng    | # 92     |
| 13) 1,4-Dichlorobenzene       | 8.193  | 146  | 24808    | 7.173   | ng    | 94       |
| 14) 1,2-Dichlorobenzene       | 8.510  | 146  | 22973    | 7.023   | ng    | 98       |
| 15) Benzyl Alcohol            | 8.381  | 79   | 23030    | 6.668   | ng    | 97       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.680  | 45   | 38965    | 7.317   | ng    | 95       |
| 17) 2-Methylphenol            | 8.580  | 107  | 20628    | 7.642   | ng    | # 91     |
| 18) Hexachloroethane          | 9.250  | 117  | 9754     | 7.687   | ng    | # 85     |
| 19) n-Nitroso-di-n-propyla... | 8.956  | 70   | 21264    | 7.319   | ng    | # 95     |
| 20) 3+4-Methylphenols         | 8.909  | 107  | 25363    | 6.714   | ng    | 91       |
| 22) Acetophenone              | 8.974  | 105  | 38889    | 7.550   | ng    | # 98     |
| 24) Nitrobenzene              | 9.356  | 77   | 30267    | 7.628   | ng    | 91       |
| 25) Isophorone                | 9.884  | 82   | 55070    | 7.172   | ng    | 98       |
| 26) 2-Nitrophenol             | 10.072 | 139  | 9105     | 6.608   | ng    | 93       |
| 27) 2,4-Dimethylphenol        | 10.125 | 122  | 22788    | 8.084   | ng    | # 92     |
| 28) bis(2-Chloroethoxy)met... | 10.360 | 93   | 30813    | 6.786   | ng    | # 96     |
| 29) 2,4-Dichlorophenol        | 10.607 | 162  | 22383    | 7.056   | ng    | 93       |
| 30) 1,2,4-Trichlorobenzene    | 10.824 | 180  | 26338    | 7.038   | ng    | 98       |
| 31) Naphthalene               | 11.012 | 128  | 73849    | 7.175   | ng    | 98       |
| 32) Benzoic acid              | 10.178 | 122  | 9484     | 5.006   | ng    | 90       |
| 33) 4-Chloroaniline           | 11.112 | 127  | 30920    | 7.088   | ng    | 96       |
| 34) Hexachlorobutadiene       | 11.312 | 225  | 17751    | 6.616   | ng    | 90       |
| 35) Caprolactam               | 11.876 | 113  | 6061     | 6.998   | ng    | 93       |
| 36) 4-Chloro-3-methylphenol   | 12.217 | 107  | 24916    | 6.764   | ng    | 97       |
| 37) 2-Methylnaphthalene       | 12.610 | 142  | 54698    | 7.257   | ng    | 98       |
| 38) 1-Methylnaphthalene       | 12.827 | 142  | 51465    | 6.996   | ng    | 100      |
| 40) 1,2,4,5-Tetrachloroben... | 12.974 | 216  | 31518    | 7.271   | ng    | 97       |
| 41) Hexachlorocyclopentadiene | 12.963 | 237  | 20981    | 8.166   | ng    | 91       |
| 43) 2,4,6-Trichlorophenol     | 13.203 | 196  | 18835    | 6.785   | ng    | 93       |

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 Sample : N1645-09  
 Misc : MDL-MDL-WATER 8ppm  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 MDL-WATER-03-QT1-2022

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Mar 17 12:13:08 2022  
 Response via : Initial Calibration

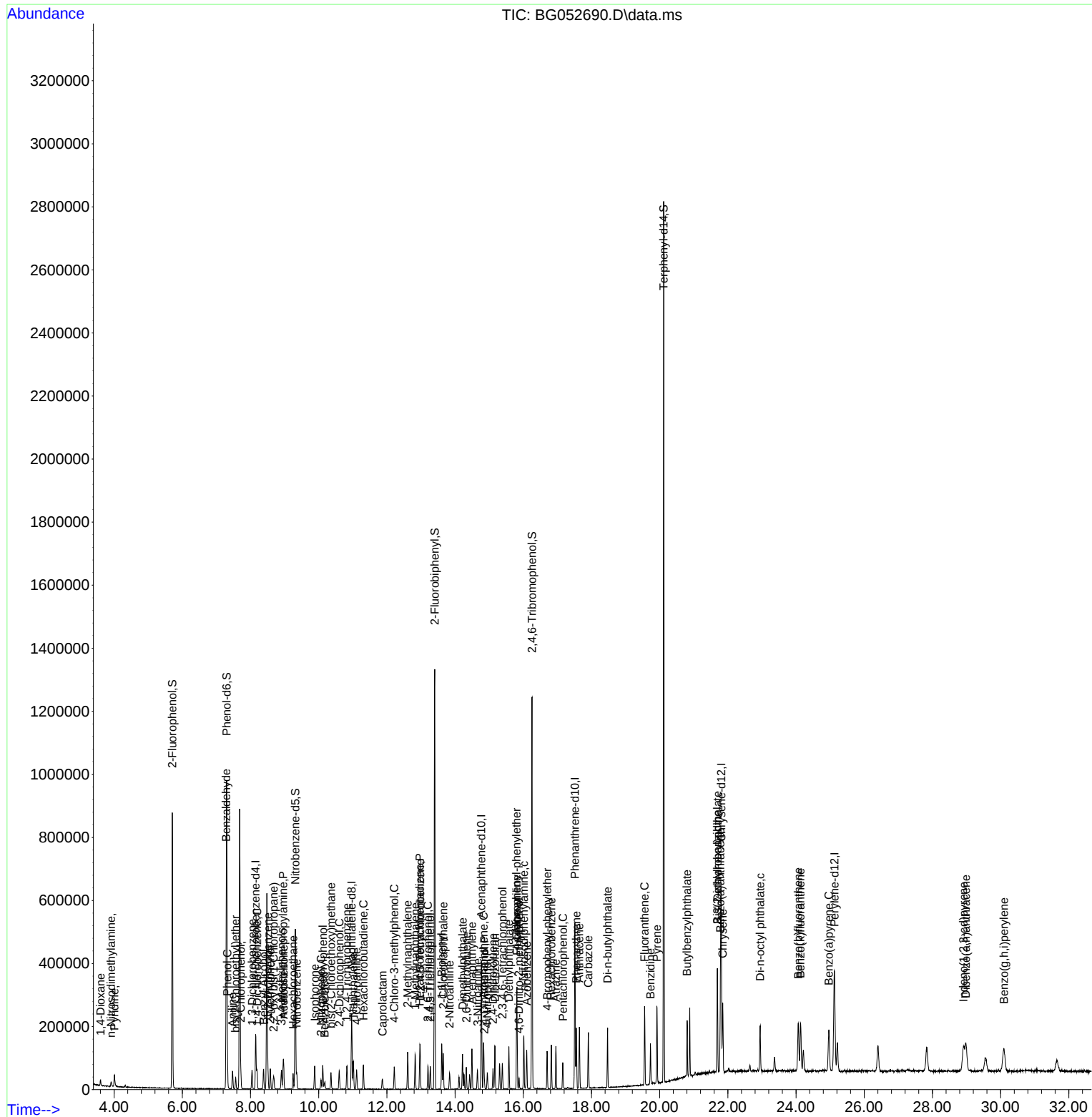
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 13.274 | 196  | 20529    | 7.286 | ng    | 95       |
| 46) 1,1'-Biphenyl             | 13.609 | 154  | 73303    | 7.555 | ng    | 94       |
| 47) 2-Chloronaphthalene       | 13.656 | 162  | 55502    | 7.264 | ng    | 99       |
| 48) 2-Nitroaniline            | 13.838 | 65   | 14644    | 7.008 | ng    | 94       |
| 49) Acenaphthylene            | 14.496 | 152  | 93613    | 7.686 | ng    | 98       |
| 50) Dimethylphthalate         | 14.220 | 163  | 72410    | 7.022 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 14.331 | 165  | 13387    | 7.690 | ng    | 93       |
| 52) Acenaphthene              | 14.836 | 154  | 56008    | 7.178 | ng    | 89       |
| 53) 3-Nitroaniline            | 14.660 | 138  | 14012    | 6.878 | ng #  | 96       |
| 54) 2,4-Dinitrophenol         | 14.860 | 184  | 6510     | 6.860 | ng #  | 71       |
| 55) Dibenzofuran              | 15.171 | 168  | 91476    | 7.179 | ng    | 99       |
| 56) 4-Nitrophenol             | 14.942 | 139  | 11505    | 6.923 | ng    | 94       |
| 57) 2,4-Dinitrotoluene        | 15.113 | 165  | 16640    | 6.889 | ng #  | 81       |
| 58) Fluorene                  | 15.818 | 166  | 71888    | 6.921 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.389 | 232  | 18817    | 6.248 | ng #  | 98       |
| 60) Diethylphthalate          | 15.577 | 149  | 74068    | 6.805 | ng    | 97       |
| 61) 4-Chlorophenyl-phenyle... | 15.806 | 204  | 41330    | 7.215 | ng    | 96       |
| 62) 4-Nitroaniline            | 15.812 | 138  | 14828    | 6.889 | ng    | 90       |
| 63) Azobenzene                | 16.099 | 77   | 82157    | 7.062 | ng    | 96       |
| 65) 4,6-Dinitro-2-methylph... | 15.876 | 198  | 9140     | 6.197 | ng    | 91       |
| 66) n-Nitrosodiphenylamine    | 16.017 | 169  | 65723    | 7.056 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 16.705 | 248  | 24918    | 6.247 | ng    | 98       |
| 68) Hexachlorobenzene         | 16.822 | 284  | 30040    | 7.007 | ng    | 95       |
| 69) Atrazine                  | 16.957 | 200  | 25669    | 7.474 | ng    | 94       |
| 70) Pentachlorophenol         | 17.163 | 266  | 15917    | 5.984 | ng    | 93       |
| 71) Phenanthrene              | 17.556 | 178  | 123971   | 7.005 | ng    | 98       |
| 72) Anthracene                | 17.644 | 178  | 129598   | 7.407 | ng    | 97       |
| 73) Carbazole                 | 17.909 | 167  | 115364   | 6.658 | ng    | 99       |
| 74) Di-n-butylphthalate       | 18.473 | 149  | 130637   | 6.901 | ng    | 99       |
| 75) Fluoranthene              | 19.559 | 202  | 162649   | 7.240 | ng    | 99       |
| 77) Benzidine                 | 19.730 | 184  | 72380    | 7.993 | ng    | 98       |
| 78) Pyrene                    | 19.918 | 202  | 167203   | 6.866 | ng    | 97       |
| 80) Butylbenzylphthalate      | 20.805 | 149  | 52888    | 6.122 | ng    | 98       |
| 81) Benzo(a)anthracene        | 21.780 | 228  | 165203   | 7.027 | ng    | 96       |
| 82) 3,3'-Dichlorobenzidine    | 21.692 | 252  | 56842    | 6.847 | ng    | 97       |
| 83) Chrysene                  | 21.851 | 228  | 150539   | 6.811 | ng    | 95       |
| 84) Bis(2-ethylhexyl)phtha... | 21.692 | 149  | 77610    | 6.606 | ng    | 96       |
| 85) Di-n-octyl phthalate      | 22.949 | 149  | 127137   | 6.501 | ng    | 96       |
| 87) Indeno(1,2,3-cd)pyrene    | 28.912 | 276  | 174108   | 7.014 | ng #  | 88       |
| 88) Benzo(b)fluoranthene      | 24.065 | 252  | 164171   | 7.291 | ng #  | 97       |
| 89) Benzo(k)fluoranthene      | 24.130 | 252  | 157006   | 7.087 | ng #  | 99       |
| 90) Benzo(a)pyrene            | 24.964 | 252  | 157113   | 8.243 | ng    | 96       |
| 91) Dibenzo(a,h)anthracene    | 28.982 | 278  | 153381   | 7.499 | ng    | 98       |
| 92) Benzo(g,h,i)perylene      | 30.098 | 276  | 151046   | 7.463 | ng #  | 95       |

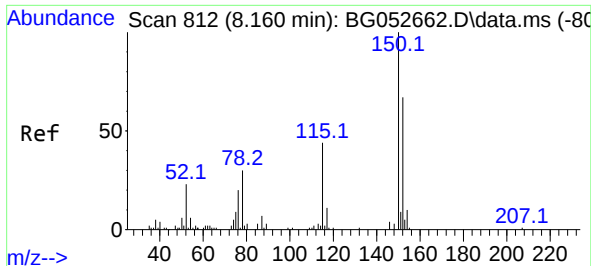
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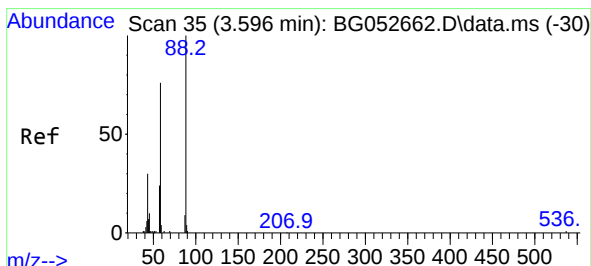
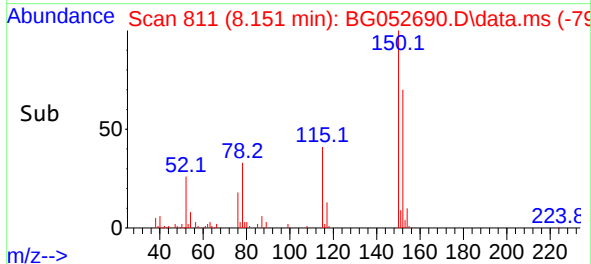
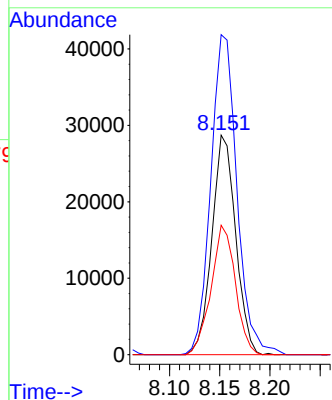
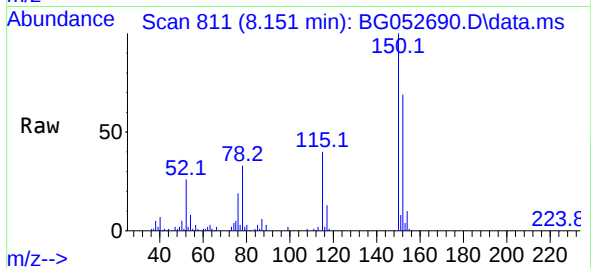




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.151 min Scan# 81  
Delta R.T. -0.009 min  
Lab File: BG052690.D  
Acq: 17 Mar 2022 13:29

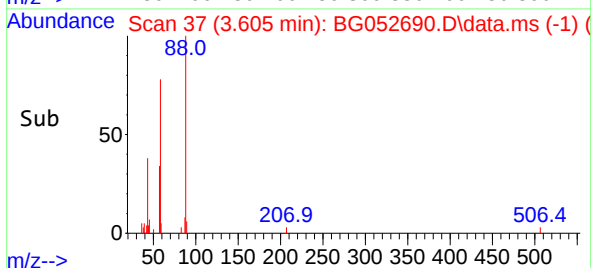
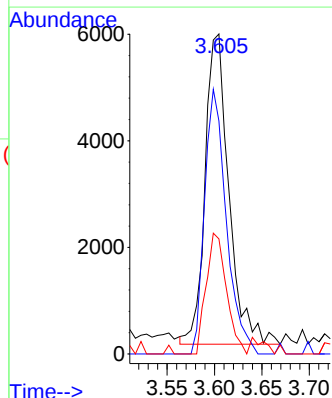
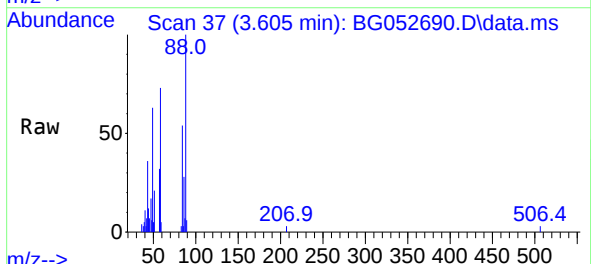
Instrument :  
BNA\_G  
ClientSampleId :  
MDL-WATER-03-QT1-2022

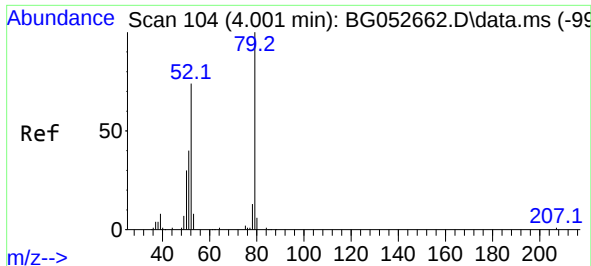
Tgt Ion:152 Resp: 47385  
Ion Ratio Lower Upper  
152 100  
150 145.8 114.6 172.0  
115 58.9 45.9 68.9



#2  
1,4-Dioxane  
Concen: 7.475 ng  
RT: 3.605 min Scan# 37  
Delta R.T. 0.009 min  
Lab File: BG052690.D  
Acq: 17 Mar 2022 13:29

Tgt Ion: 88 Resp: 10174  
Ion Ratio Lower Upper  
88 100  
58 77.7 58.2 87.2  
43 33.0 23.4 35.0

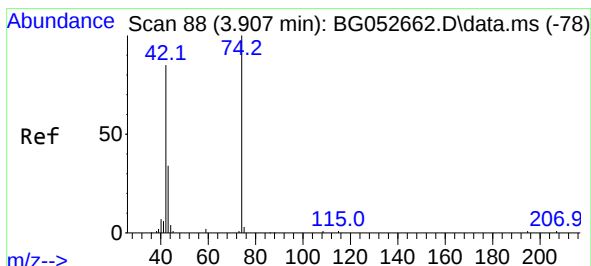
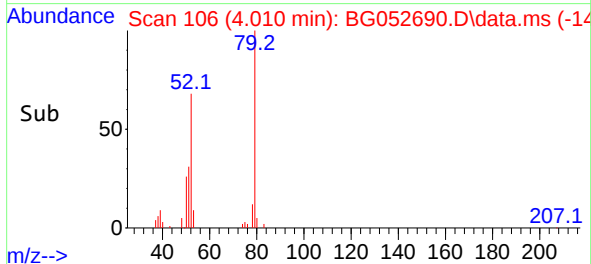
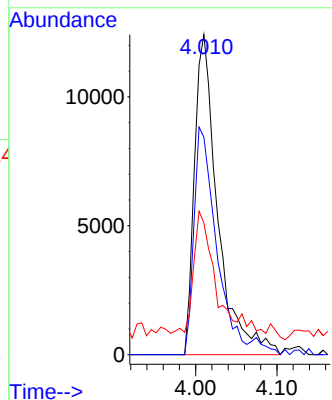
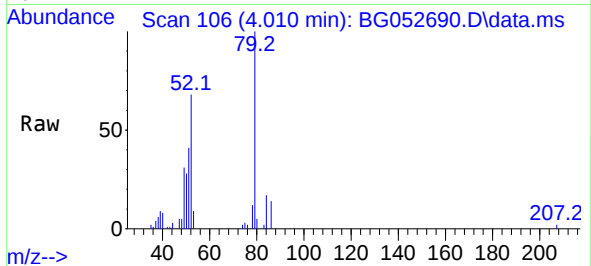




#3  
Pyridine  
Concen: 7.095 ng  
RT: 4.010 min Scan# 106  
Delta R.T. 0.009 min  
Lab File: BG052690.D  
Acq: 17 Mar 2022 13:29

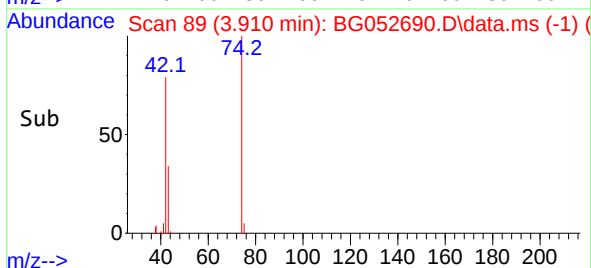
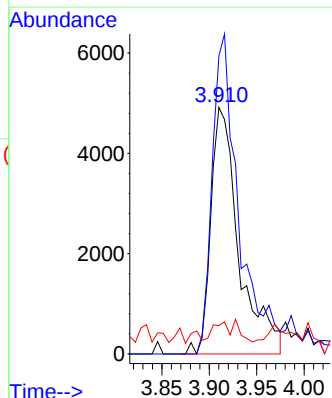
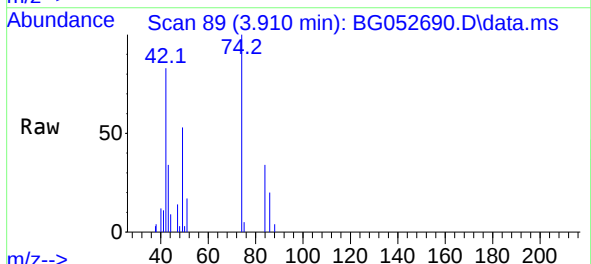
Instrument : BNA\_G  
ClientSampleId : MDL-WATER-03-QT1-2022

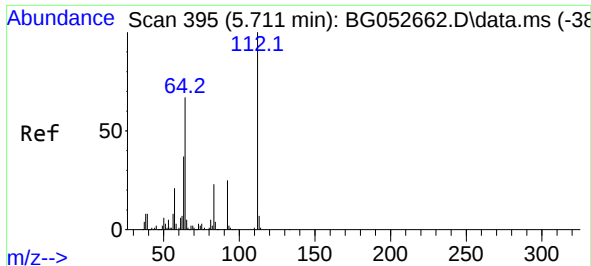
Tgt Ion: 79 Resp: 24754  
Ion Ratio Lower Upper  
79 100  
52 68.0 50.9 76.3  
51 41.1 24.4 36.6#



#4  
n-Nitrosodimethylamine  
Concen: 6.549 ng  
RT: 3.910 min Scan# 89  
Delta R.T. 0.003 min  
Lab File: BG052690.D  
Acq: 17 Mar 2022 13:29

Tgt Ion: 42 Resp: 10137  
Ion Ratio Lower Upper  
42 100  
74 120.9 108.9 163.3  
44 11.5 5.7 8.5#



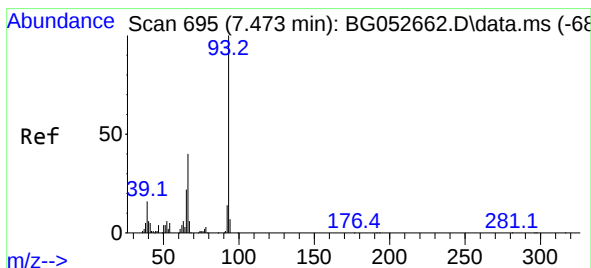
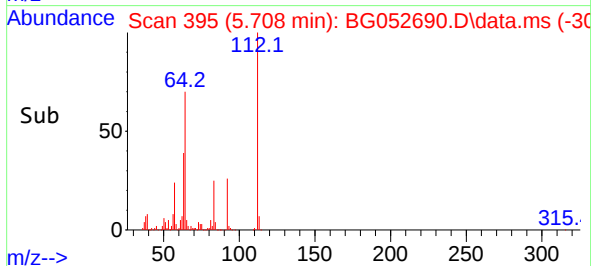
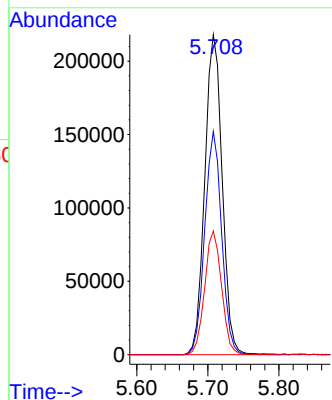
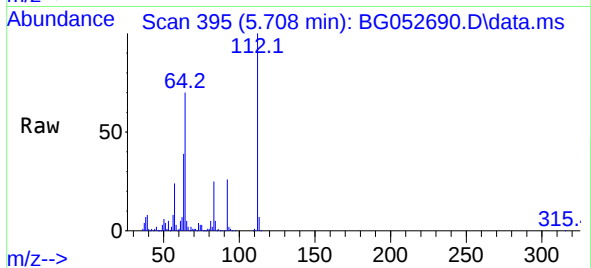


#5  
2-Fluorophenol  
Concen: 136.620 ng  
RT: 5.708 min Scan# 395  
Delta R.T. -0.003 min  
Lab File: BG052690.D  
Acq: 17 Mar 2022 13:29

Instrument :  
BNA\_G  
ClientSampleId :  
MDL-WATER-03-QT1-2022

Tgt Ion:112 Resp: 371731

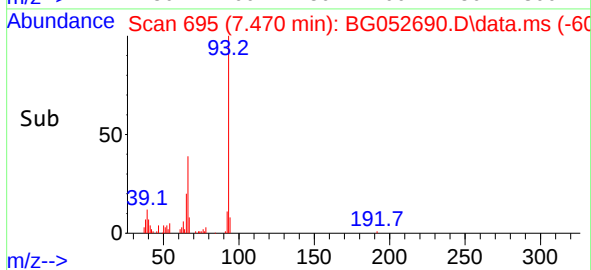
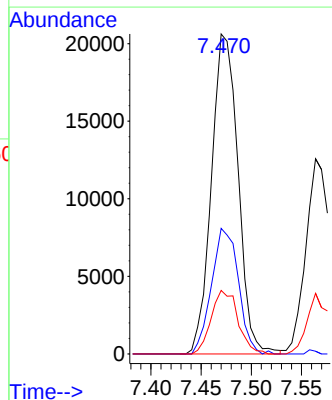
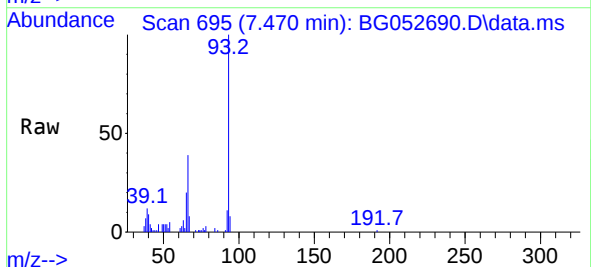
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 112 | 100   |       |       |
| 64  | 69.8  | 48.0  | 72.0  |
| 63  | 38.6  | 26.5  | 39.7  |

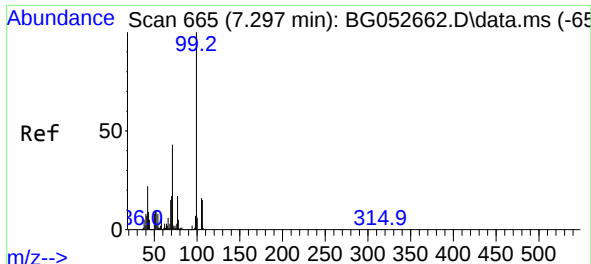


#6  
Aniline  
Concen: 7.900 ng  
RT: 7.470 min Scan# 695  
Delta R.T. -0.003 min  
Lab File: BG052690.D  
Acq: 17 Mar 2022 13:29

Tgt Ion: 93 Resp: 37996

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 93  | 100   |       |       |
| 66  | 39.3  | 31.3  | 46.9  |
| 65  | 19.9  | 16.7  | 25.1  |

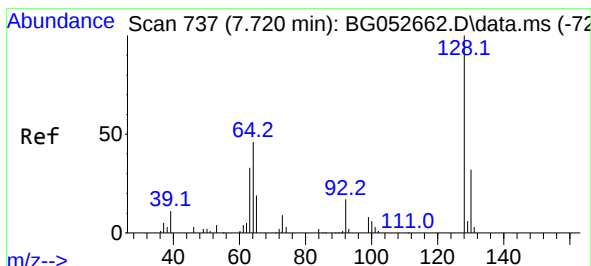
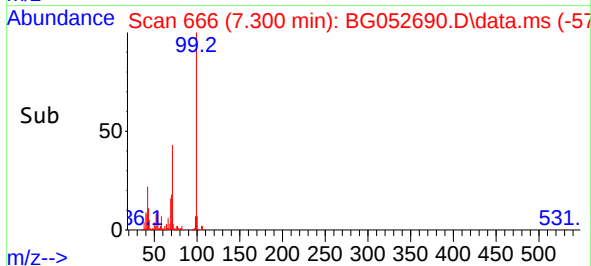
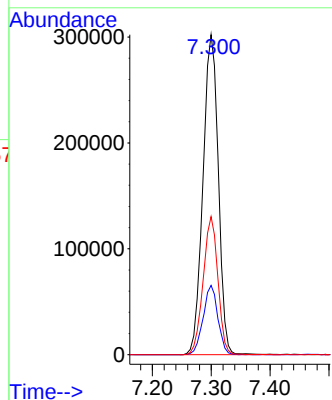
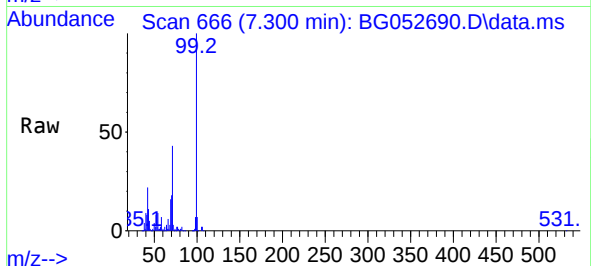




#7  
Phenol-d6  
Concen: 133.492 ng  
RT: 7.300 min Scan# 665  
Delta R.T. 0.003 min  
Lab File: BG052690.D  
Acq: 17 Mar 2022 13:29

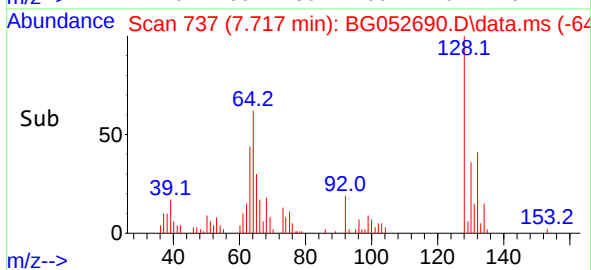
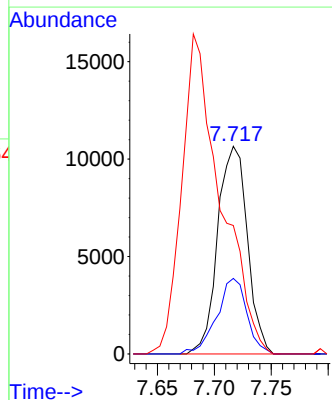
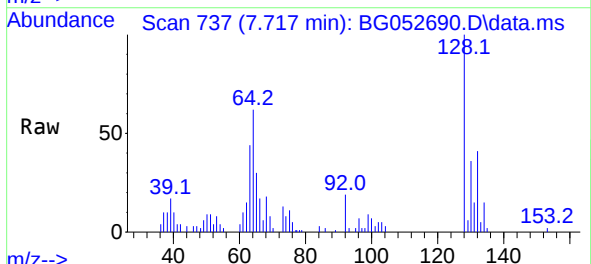
Instrument :  
BNA\_G  
ClientSampleId :  
MDL-WATER-03-QT1-2022

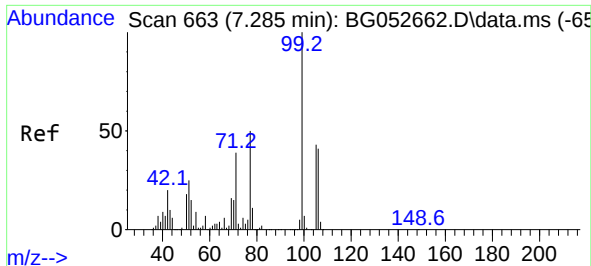
Tgt Ion: 99 Resp: 547593  
Ion Ratio Lower Upper  
99 100  
42 21.7 14.7 22.1  
71 43.2 29.2 43.8



#8  
2-Chlorophenol  
Concen: 6.756 ng  
RT: 7.717 min Scan# 737  
Delta R.T. -0.003 min  
Lab File: BG052690.D  
Acq: 17 Mar 2022 13:29

Tgt Ion: 128 Resp: 19316  
Ion Ratio Lower Upper  
128 100  
130 36.4 13.4 53.4  
64 61.8 30.9 70.9

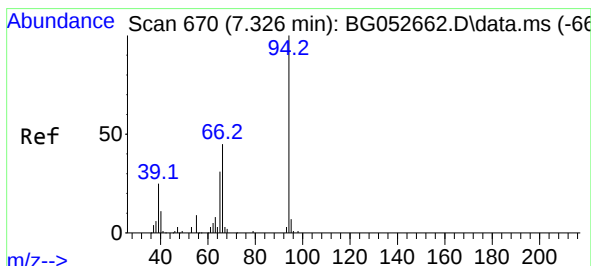
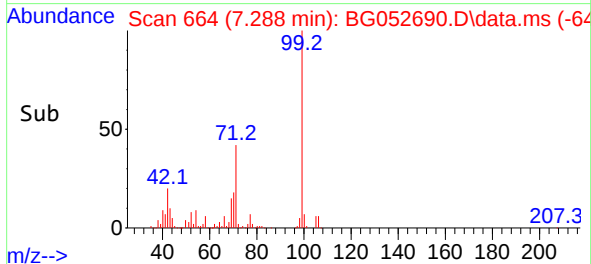
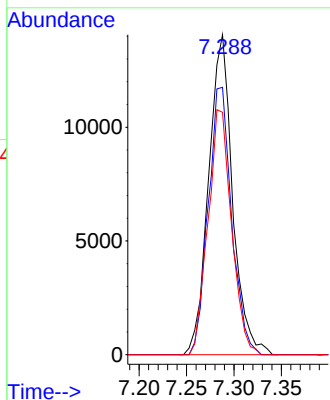
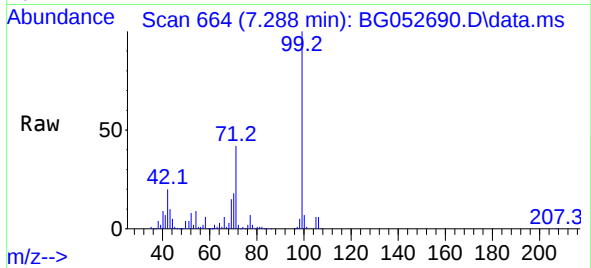




#9  
Benzaldehyde  
Concen: 9.796 ng  
RT: 7.288 min Scan# 60  
Delta R.T. 0.003 min  
Lab File: BG052690.D  
Acq: 17 Mar 2022 13:29

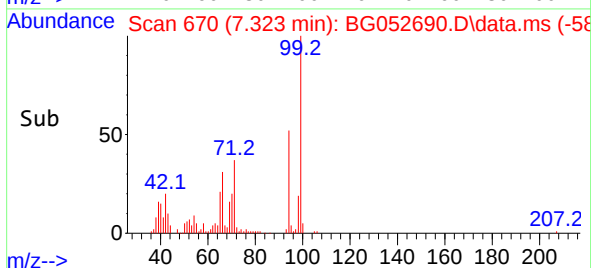
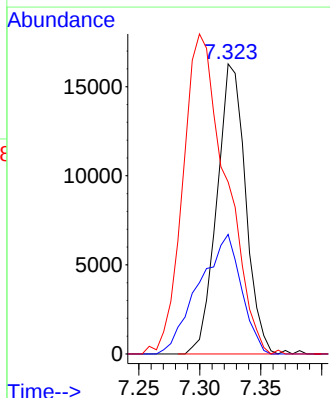
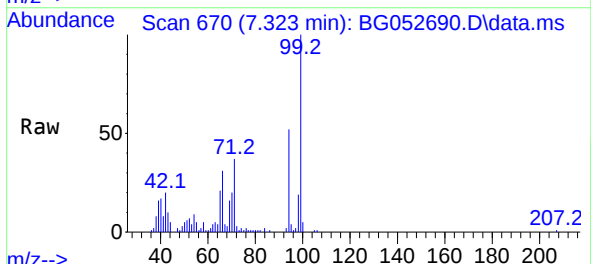
Instrument :  
BNA\_G  
ClientSampleId :  
MDL-WATER-03-QT1-2022

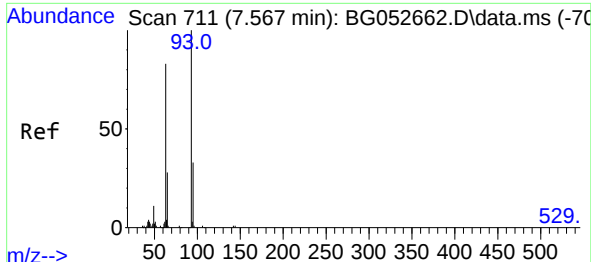
Tgt Ion: 77 Resp: 24682  
Ion Ratio Lower Upper  
77 100  
105 83.6 70.6 110.6  
106 75.7 67.6 107.6



#10  
Phenol  
Concen: 6.577 ng  
RT: 7.323 min Scan# 670  
Delta R.T. -0.003 min  
Lab File: BG052690.D  
Acq: 17 Mar 2022 13:29

Tgt Ion: 94 Resp: 26631  
Ion Ratio Lower Upper  
94 100  
65 41.2 11.1 51.1  
66 59.3 20.0 60.0

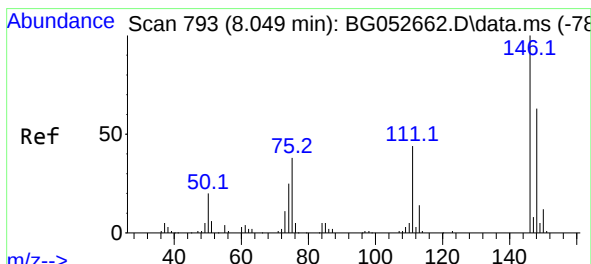
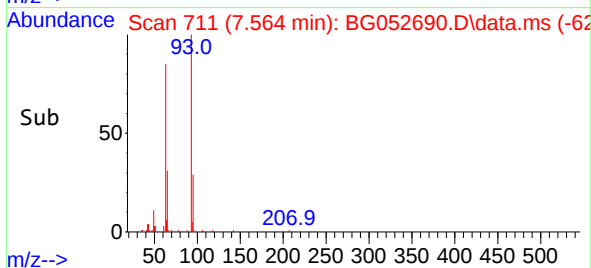
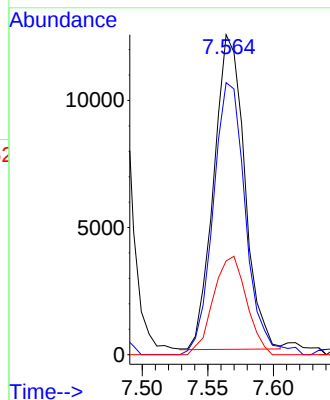
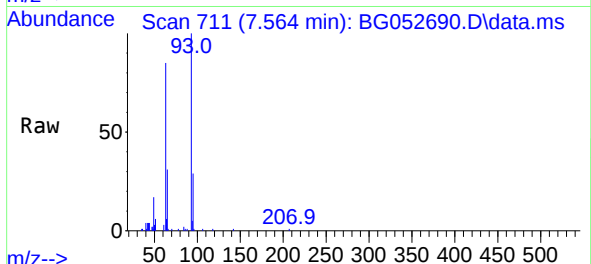




#11  
bis(2-Chloroethyl)ether  
Concen: 6.609 ng  
RT: 7.564 min Scan# 711  
Delta R.T. -0.003 min  
Lab File: BG052690.D  
Acq: 17 Mar 2022 13:29

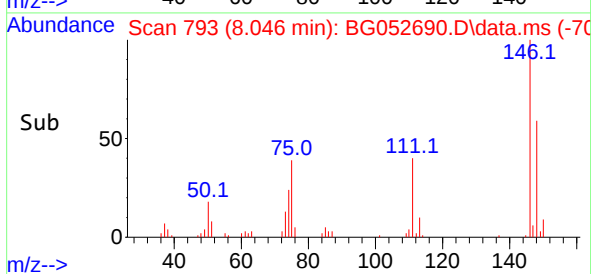
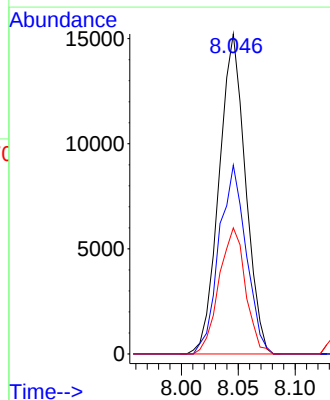
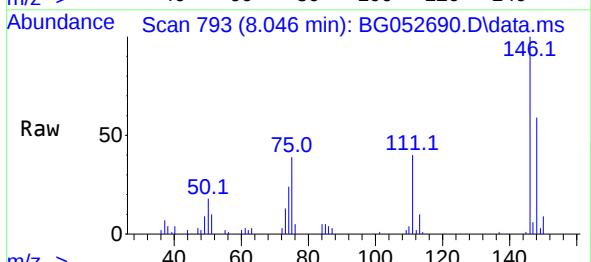
Instrument : BNA\_G  
ClientSampleId : MDL-WATER-03-QT1-2022

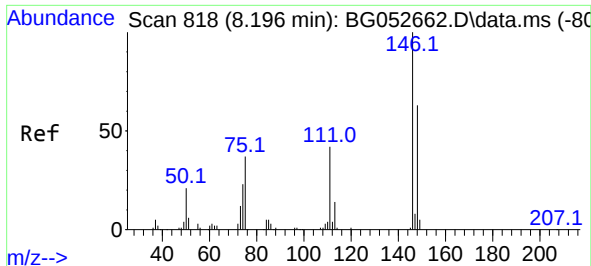
|             |             |
|-------------|-------------|
| Tgt Ion: 93 | Resp: 20209 |
| Ion Ratio   | Lower Upper |
| 93 100      |             |
| 63 85.0     | 56.9 96.9   |
| 95 29.3     | 14.5 54.5   |



#12  
1,3-Dichlorobenzene  
Concen: 7.141 ng  
RT: 8.046 min Scan# 793  
Delta R.T. -0.003 min  
Lab File: BG052690.D  
Acq: 17 Mar 2022 13:29

|             |             |
|-------------|-------------|
| Tgt Ion:146 | Resp: 24581 |
| Ion Ratio   | Lower Upper |
| 146 100     |             |
| 148 59.0    | 50.6 76.0   |
| 75 39.4     | 25.9 38.9#  |





#13

1,4-Dichlorobenzene

Concen: 7.173 ng

RT: 8.193 min Scan# 81

Delta R.T. -0.003 min

Lab File: BG052690.D

Acq: 17 Mar 2022 13:29

Instrument :

BNA\_G

ClientSampleId :

MDL-WATER-03-QT1-2022

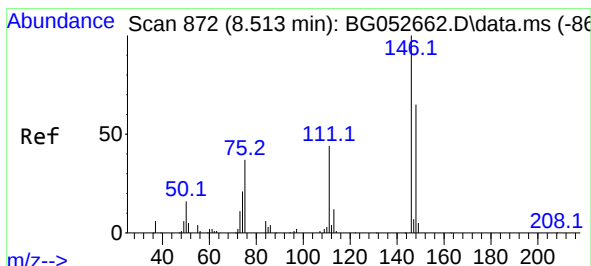
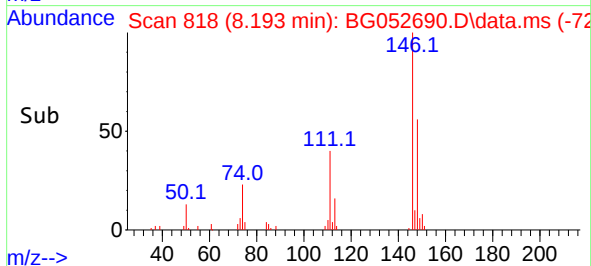
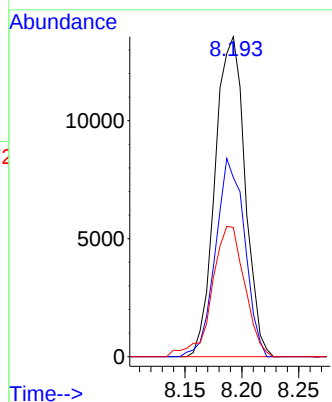
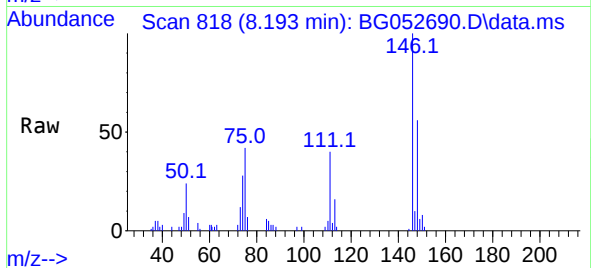
Tgt Ion:146 Resp: 24808

Ion Ratio Lower Upper

146 100

148 56.0 50.0 75.0

111 40.4 31.0 46.4



#14

1,2-Dichlorobenzene

Concen: 7.023 ng

RT: 8.510 min Scan# 872

Delta R.T. -0.003 min

Lab File: BG052690.D

Acq: 17 Mar 2022 13:29

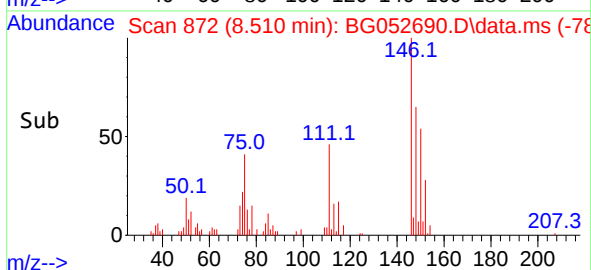
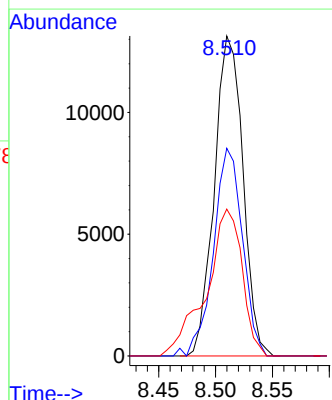
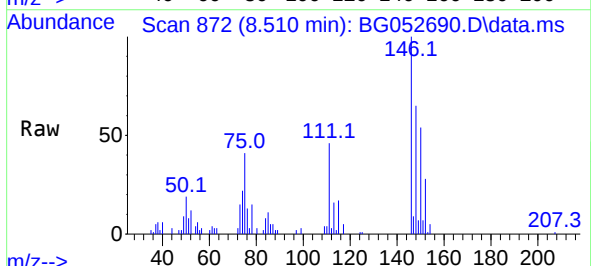
Tgt Ion:146 Resp: 22973

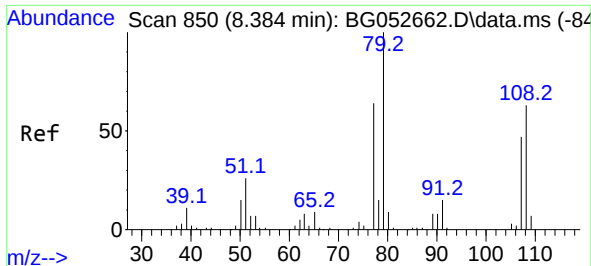
Ion Ratio Lower Upper

146 100

148 64.9 51.0 76.6

111 45.9 34.7 52.1



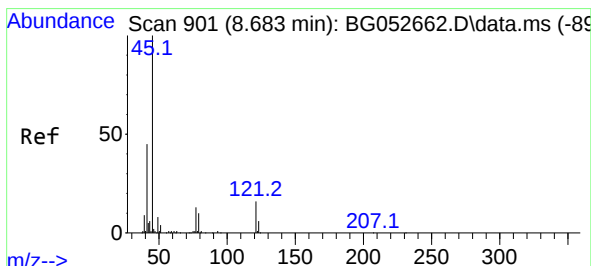
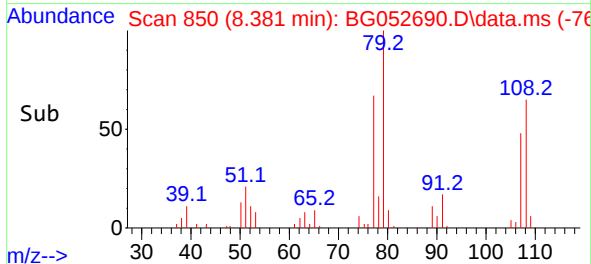
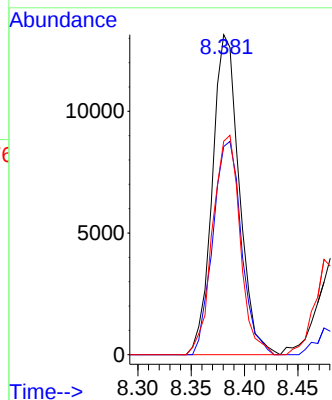
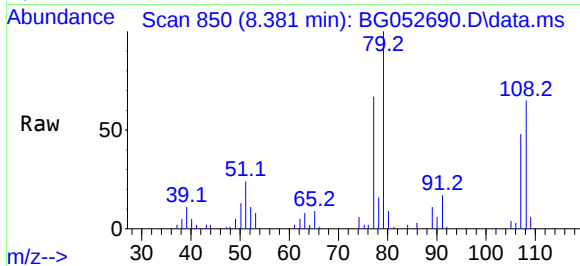


#15  
Benzyl Alcohol  
Concen: 6.668 ng  
RT: 8.381 min Scan# 811  
Delta R.T. -0.003 min  
Lab File: BG052690.D  
Acq: 17 Mar 2022 13:29

Instrument :  
BNA\_G  
ClientSampleId :  
MDL-WATER-03-QT1-2022

Tgt Ion: 79 Resp: 23030

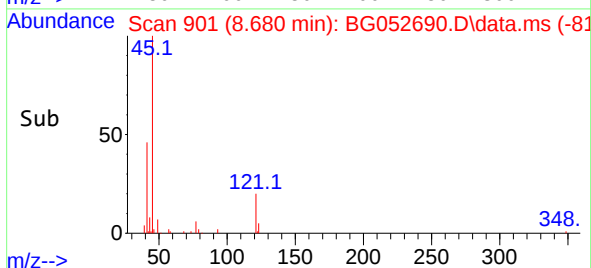
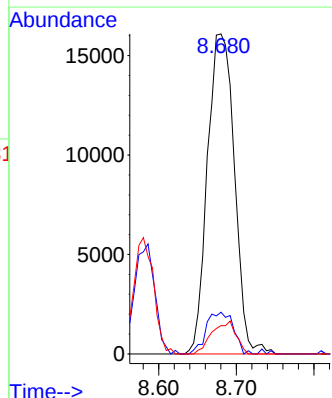
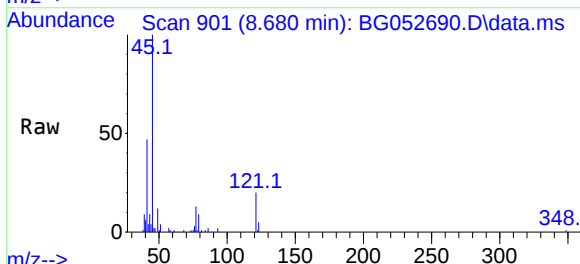
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 79  | 100   |       |       |
| 108 | 65.1  | 55.1  | 82.7  |
| 77  | 66.7  | 52.4  | 78.6  |

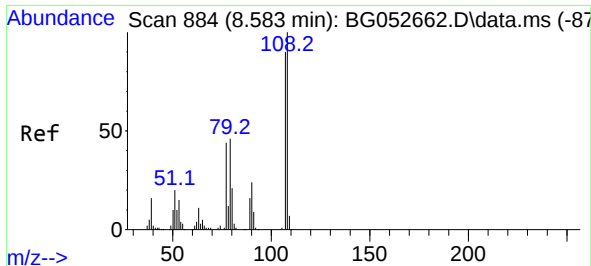


#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 7.317 ng  
RT: 8.680 min Scan# 901  
Delta R.T. -0.003 min  
Lab File: BG052690.D  
Acq: 17 Mar 2022 13:29

Tgt Ion: 45 Resp: 38965

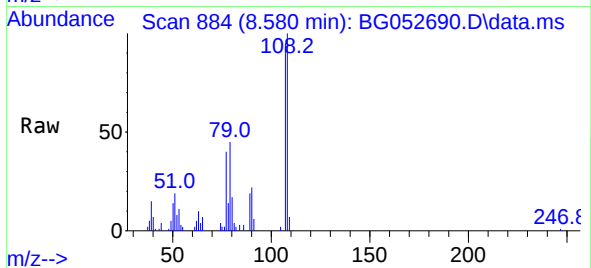
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 45  | 100   |       |       |
| 77  | 13.0  | 0.0   | 34.9  |
| 79  | 8.8   | 0.0   | 30.7  |



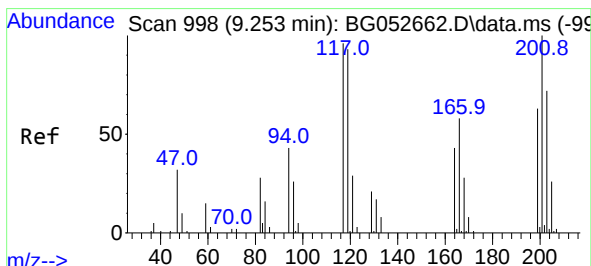
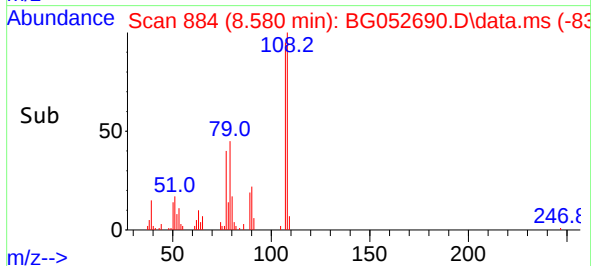
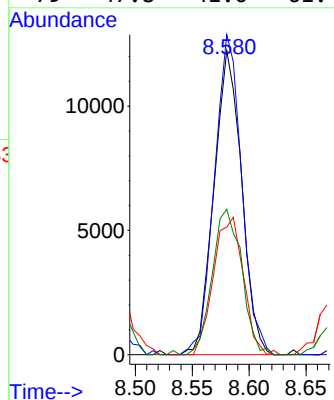


#17  
2-Methylphenol  
Concen: 7.642 ng  
RT: 8.580 min Scan# 884  
Delta R.T. -0.003 min  
Lab File: BG052690.D  
Acq: 17 Mar 2022 13:29

Instrument :  
BNA\_G  
ClientSampleId :  
MDL-WATER-03-QT1-2022

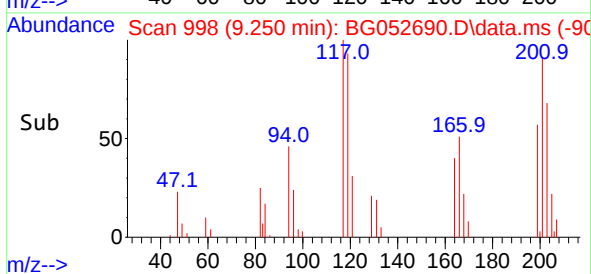
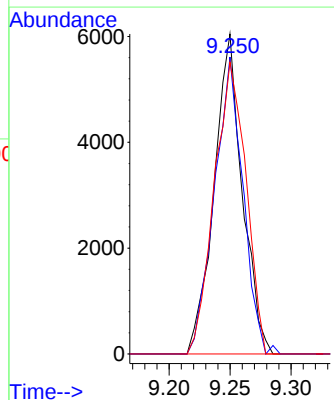
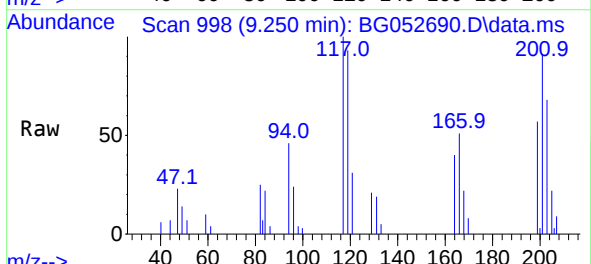


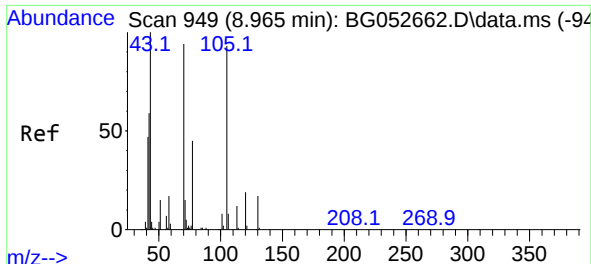
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 107   | Resp: | 20628 |
| Ion      | Ratio | Lower | Upper |
| 107      | 100   |       |       |
| 108      | 105.3 | 91.5  | 137.3 |
| 77       | 41.9  | 42.5  | 63.7# |
| 79       | 47.8  | 41.0  | 61.4  |



#18  
Hexachloroethane  
Concen: 7.687 ng  
RT: 9.250 min Scan# 998  
Delta R.T. -0.003 min  
Lab File: BG052690.D  
Acq: 17 Mar 2022 13:29

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 9754   |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 92.8  | 75.1  | 112.7  |
| 201      | 91.2  | 96.6  | 145.0# |





#19

n-Nitroso-di-n-propylamine

Concen: 7.319 ng

RT: 8.956 min Scan# 94

Delta R.T. -0.009 min

Lab File: BG052690.D

Acq: 17 Mar 2022 13:29

Instrument :

BNA\_G

ClientSampleId :

MDL-WATER-03-QT1-2022

Tgt Ion: 70 Resp: 21264

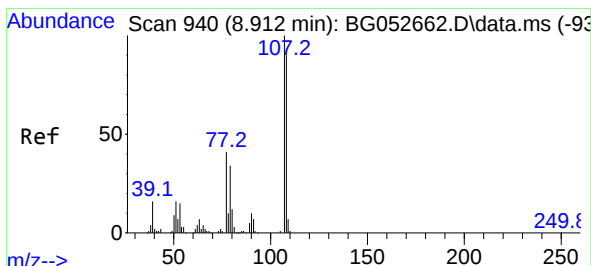
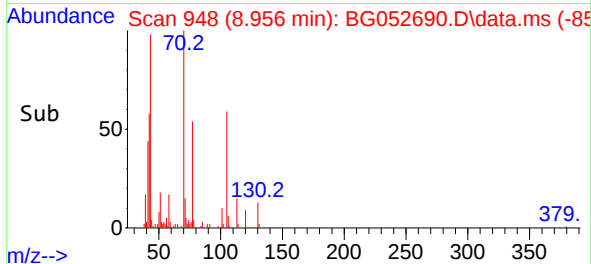
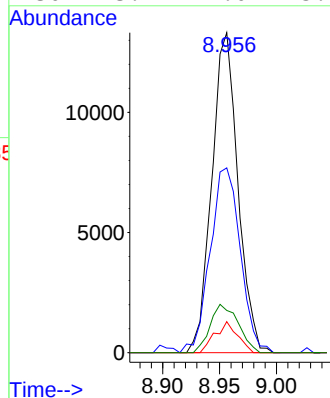
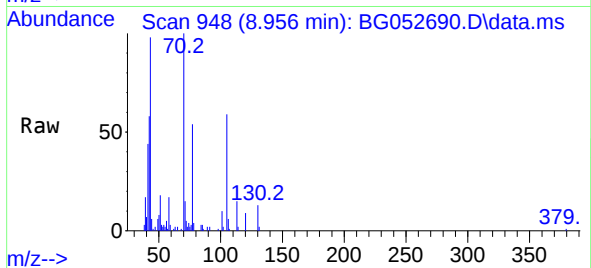
Ion Ratio Lower Upper

70 100

42 57.7 46.0 69.0

101 9.7 6.2 9.4#

130 13.2 17.0 25.4#



#20

3+4-Methylphenols

Concen: 6.714 ng

RT: 8.909 min Scan# 940

Delta R.T. -0.003 min

Lab File: BG052690.D

Acq: 17 Mar 2022 13:29

Tgt Ion: 107 Resp: 25363

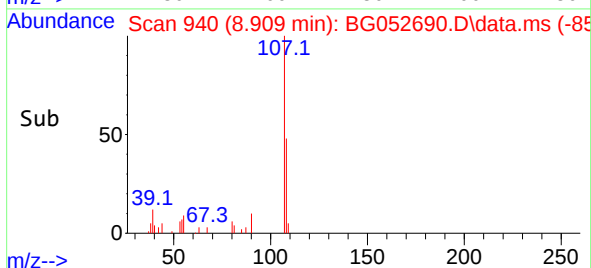
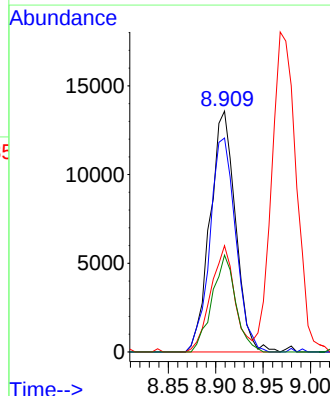
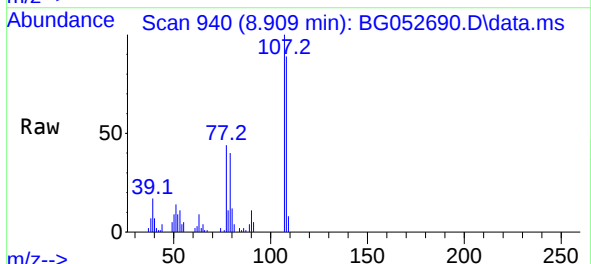
Ion Ratio Lower Upper

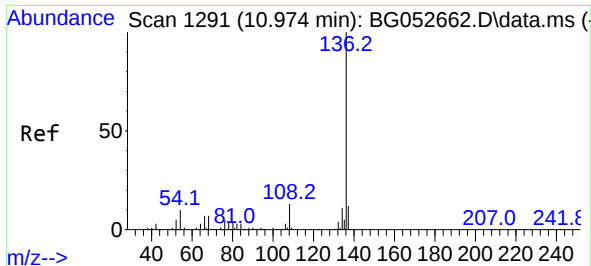
107 100

108 88.8 64.8 104.8

77 44.2 15.9 55.9

79 40.2 11.5 51.5

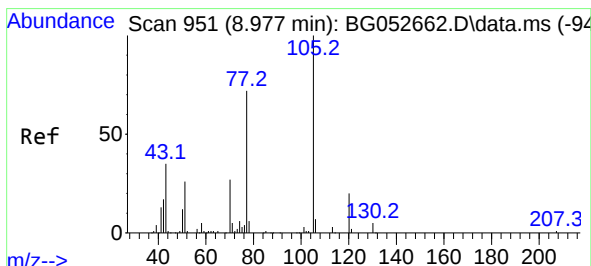
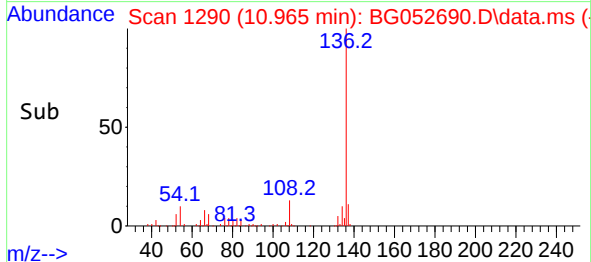
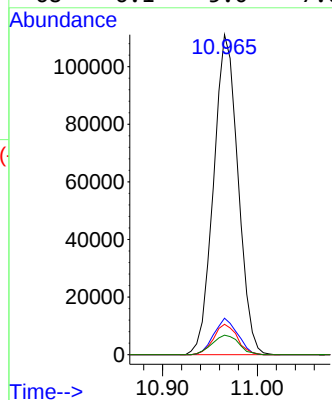
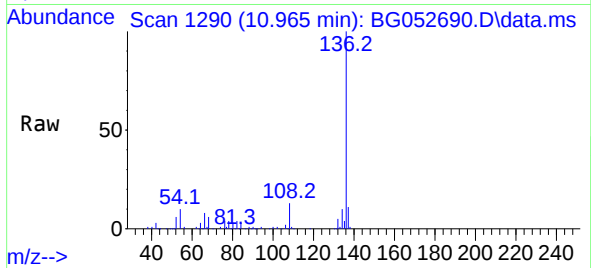




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.965 min Scan# 1291  
Delta R.T. -0.009 min  
Lab File: BG052690.D  
Acq: 17 Mar 2022 13:29

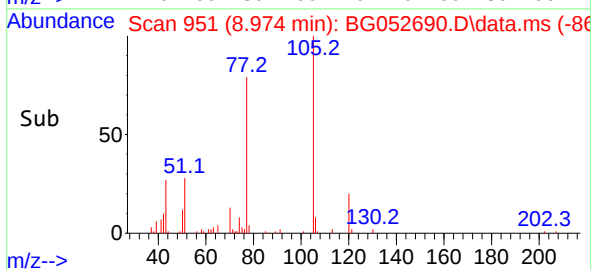
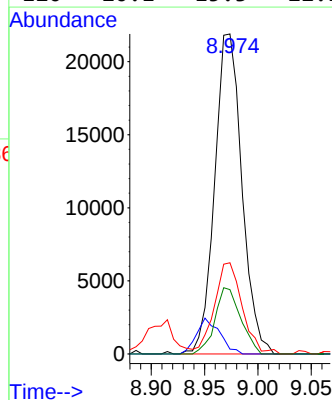
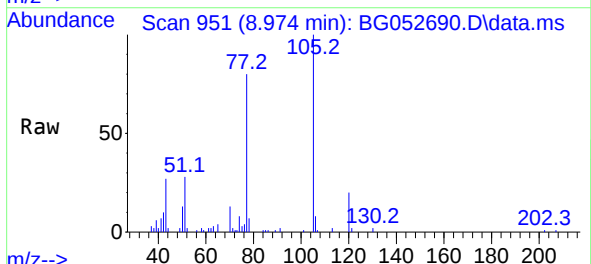
Instrument : BNA\_G  
ClientSampleId : MDL-WATER-03-QT1-2022

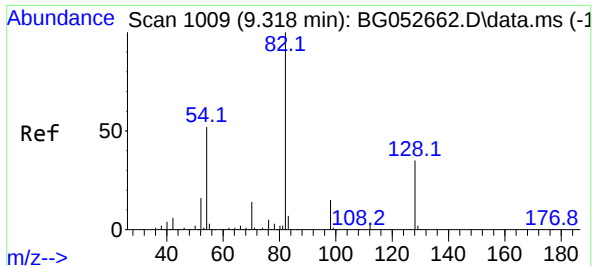
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 136   | Resp: | 199041 |
| Ion Ratio | Lower | Upper |        |
| 136       | 100   |       |        |
| 137       | 11.4  | 9.4   | 14.2   |
| 54        | 9.5   | 6.4   | 9.6    |
| 68        | 6.1   | 5.0   | 7.6    |



#22  
Acetophenone  
Concen: 7.550 ng  
RT: 8.974 min Scan# 951  
Delta R.T. -0.003 min  
Lab File: BG052690.D  
Acq: 17 Mar 2022 13:29

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 105   | Resp: | 38889 |
| Ion Ratio | Lower | Upper |       |
| 105       | 100   |       |       |
| 71        | 1.5   | 2.1   | 3.1#  |
| 51        | 28.5  | 21.9  | 32.9  |
| 120       | 20.1  | 15.3  | 22.9  |





#23

Nitrobenzene-d5

Concen: 79.181 ng

RT: 9.315 min Scan# 1009

Delta R.T. -0.003 min

Lab File: BG052690.D

Acq: 17 Mar 2022 13:29

Instrument :

BNA\_G

ClientSampleId :

MDL-WATER-03-QT1-2022

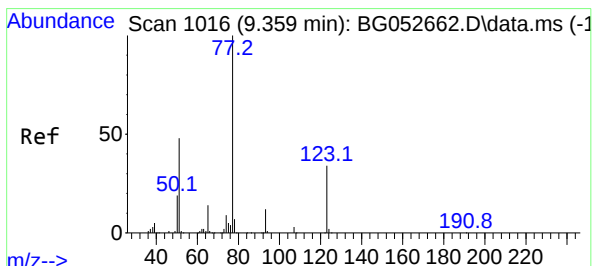
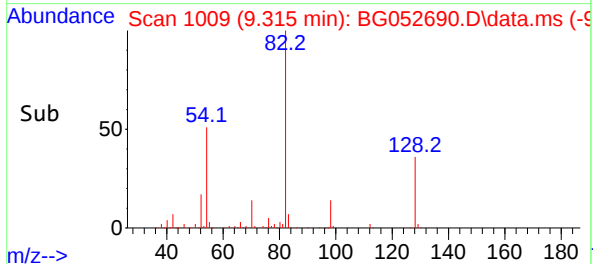
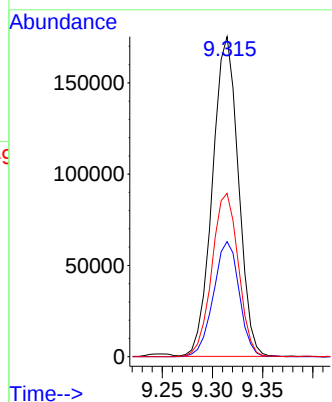
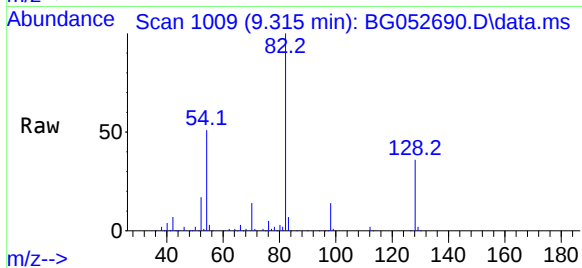
Tgt Ion: 82 Resp: 314012

Ion Ratio Lower Upper

82 100

128 36.0 31.3 46.9

54 51.1 37.8 56.8



#24

Nitrobenzene

Concen: 7.628 ng

RT: 9.356 min Scan# 1016

Delta R.T. -0.003 min

Lab File: BG052690.D

Acq: 17 Mar 2022 13:29

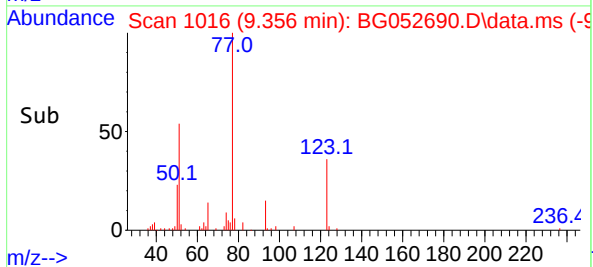
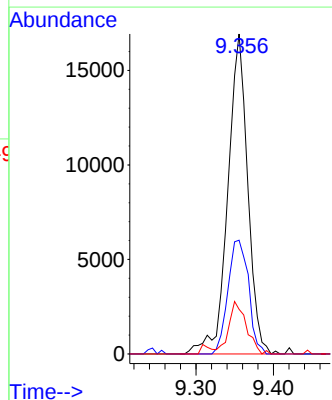
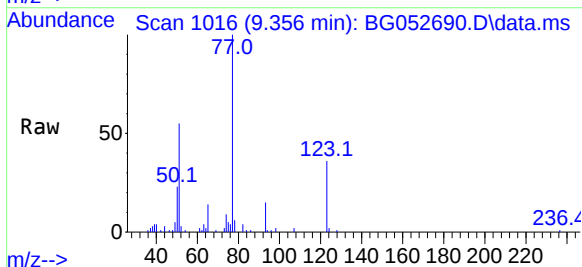
Tgt Ion: 77 Resp: 30267

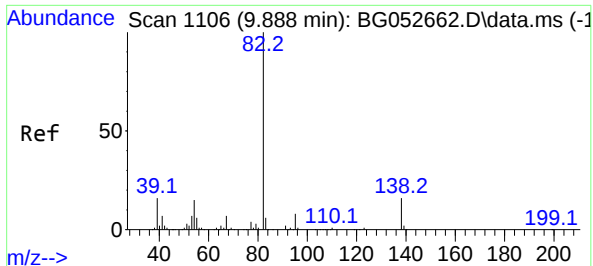
Ion Ratio Lower Upper

77 100

123 35.5 34.4 51.6

65 13.9 11.2 16.8

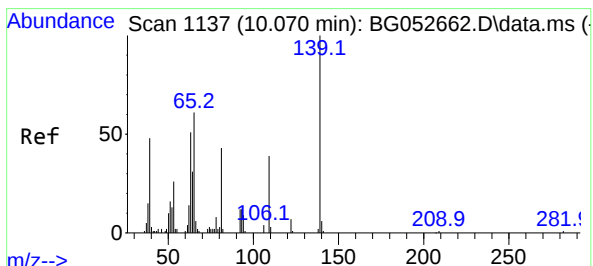
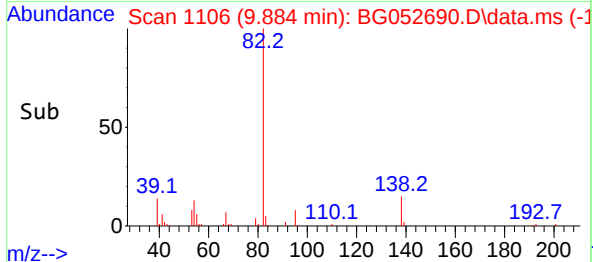
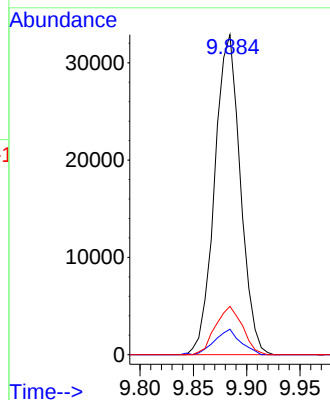
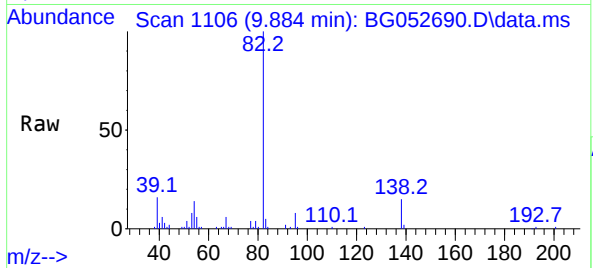




#25  
Isophorone  
Concen: 7.172 ng  
RT: 9.884 min Scan# 1106  
Delta R.T. -0.003 min  
Lab File: BG052690.D  
Acq: 17 Mar 2022 13:29

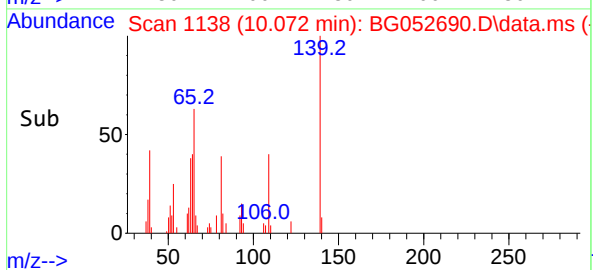
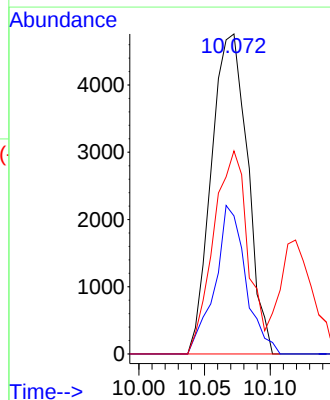
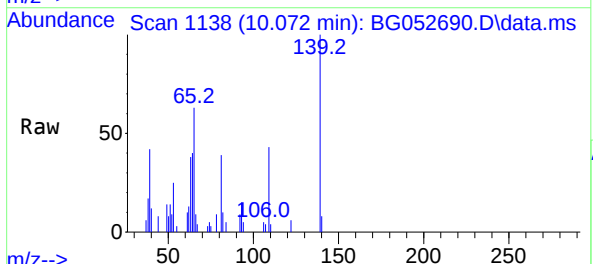
Instrument : BNA\_G  
ClientSampleId : MDL-WATER-03-QT1-2022

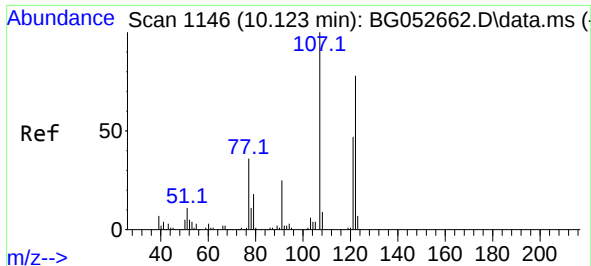
Tgt Ion: 82 Resp: 55070  
Ion Ratio Lower Upper  
82 100  
95 8.0 5.8 8.6  
138 15.1 12.6 18.8



#26  
2-Nitrophenol  
Concen: 6.608 ng  
RT: 10.072 min Scan# 1138  
Delta R.T. 0.003 min  
Lab File: BG052690.D  
Acq: 17 Mar 2022 13:29

Tgt Ion: 139 Resp: 9105  
Ion Ratio Lower Upper  
139 100  
109 43.2 29.4 44.0  
65 63.4 48.2 72.2





#27

2,4-Dimethylphenol

Concen: 8.084 ng

RT: 10.125 min Scan# 1146

Delta R.T. 0.003 min

Lab File: BG052690.D

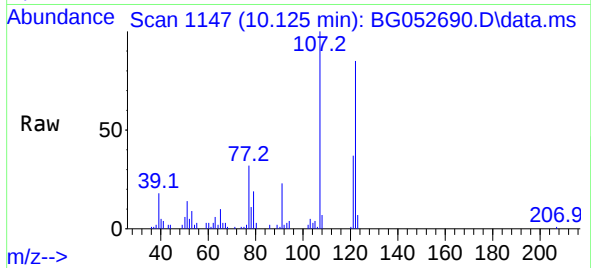
Acq: 17 Mar 2022 13:29

Instrument :

BNA\_G

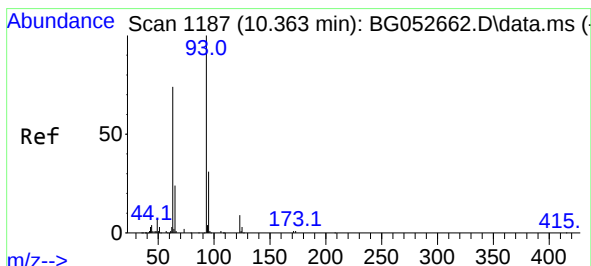
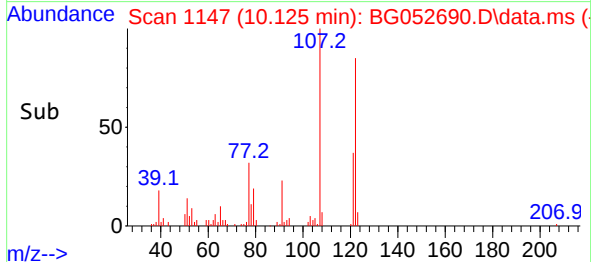
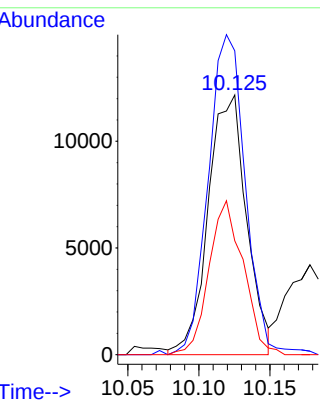
ClientSampleId :

MDL-WATER-03-QT1-2022



Tgt Ion:122 Resp: 22788

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 122 | 100   |       |       |
| 107 | 117.0 | 96.7  | 145.1 |
| 121 | 43.9  | 46.3  | 69.5# |



#28

bis(2-Chloroethoxy)methane

Concen: 6.786 ng

RT: 10.360 min Scan# 1187

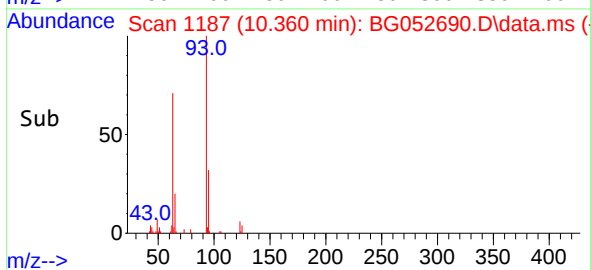
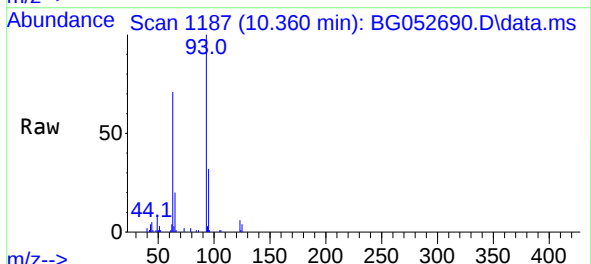
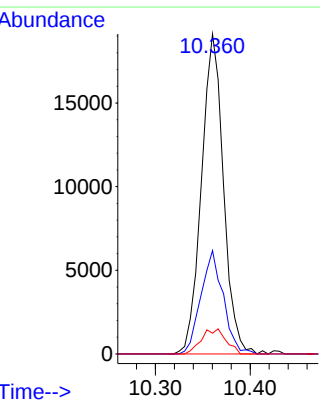
Delta R.T. -0.003 min

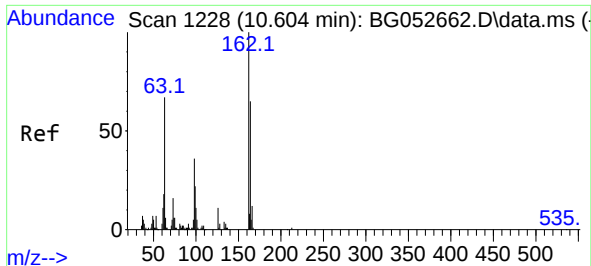
Lab File: BG052690.D

Acq: 17 Mar 2022 13:29

Tgt Ion: 93 Resp: 30813

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 93  | 100   |       |       |
| 95  | 32.3  | 26.5  | 39.7  |
| 123 | 6.5   | 8.6   | 12.8# |





#29

2,4-Dichlorophenol

Concen: 7.056 ng

RT: 10.607 min Scan# 1

Delta R.T. 0.003 min

Lab File: BG052690.D

Acq: 17 Mar 2022 13:29

Instrument :

BNA\_G

ClientSampleId :

MDL-WATER-03-QT1-2022

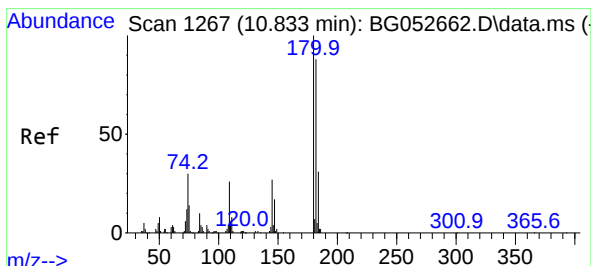
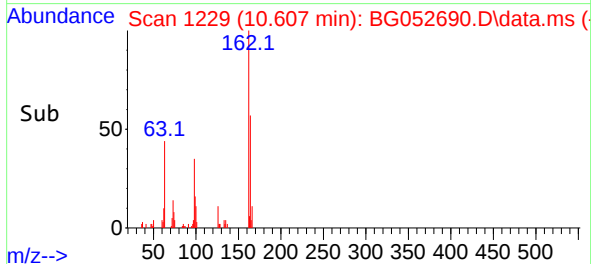
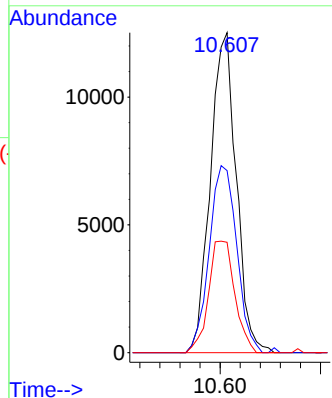
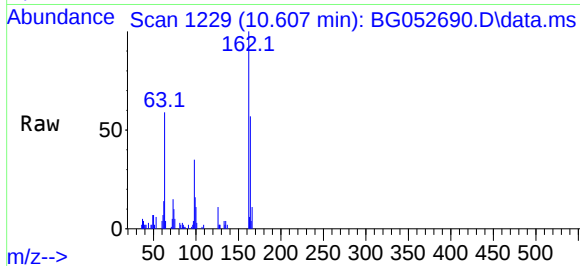
Tgt Ion:162 Resp: 22383

Ion Ratio Lower Upper

162 100

164 56.9 44.0 84.0

98 34.5 17.3 57.3



#30

1,2,4-Trichlorobenzene

Concen: 7.038 ng

RT: 10.824 min Scan# 1266

Delta R.T. -0.009 min

Lab File: BG052690.D

Acq: 17 Mar 2022 13:29

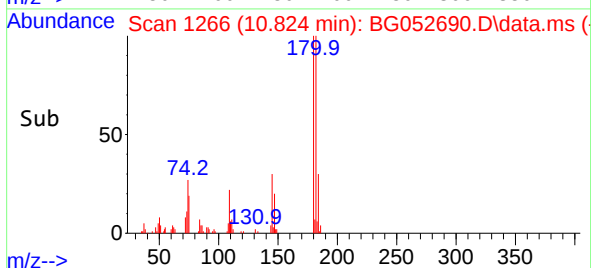
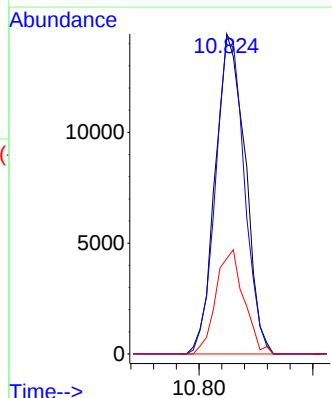
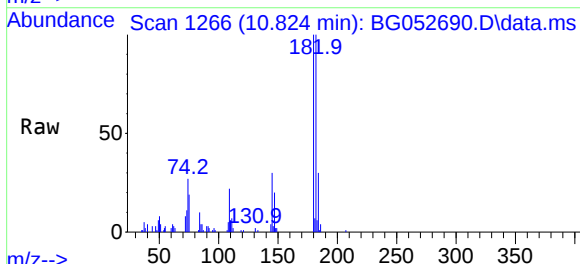
Tgt Ion:180 Resp: 26338

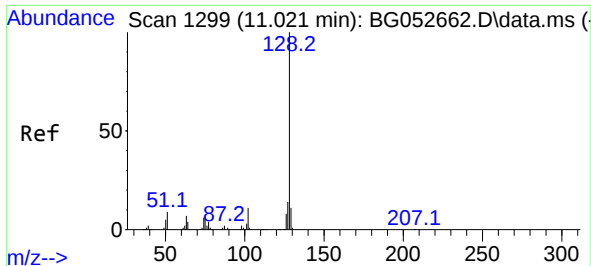
Ion Ratio Lower Upper

180 100

182 99.6 77.8 116.6

145 29.8 24.4 36.6

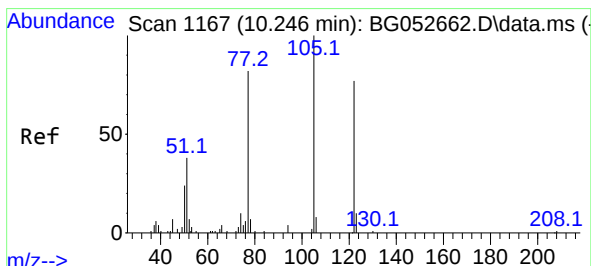
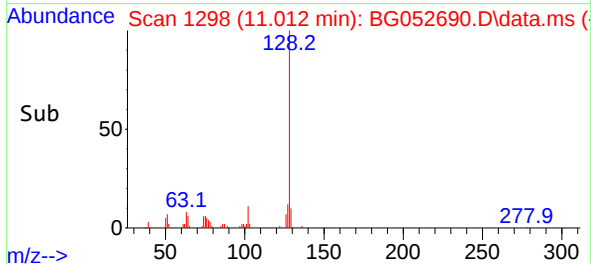
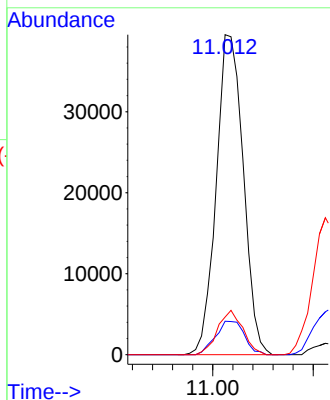
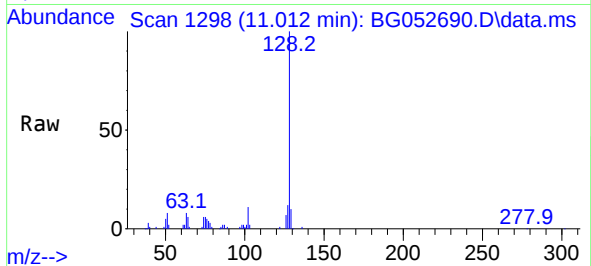




#31  
Naphthalene  
Concen: 7.175 ng  
RT: 11.012 min Scan# 1156  
Delta R.T. -0.009 min  
Lab File: BG052690.D  
Acq: 17 Mar 2022 13:29

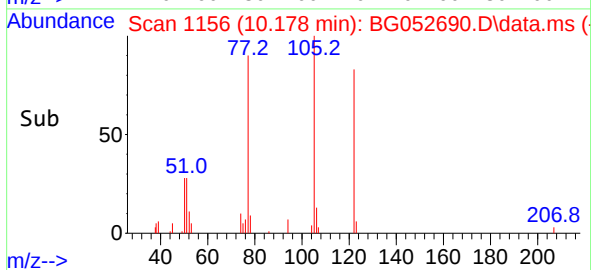
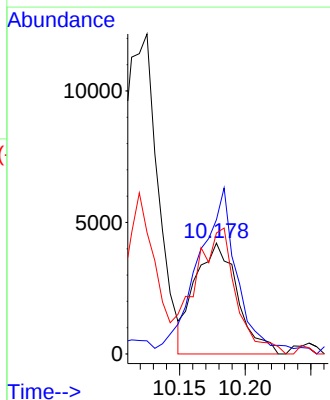
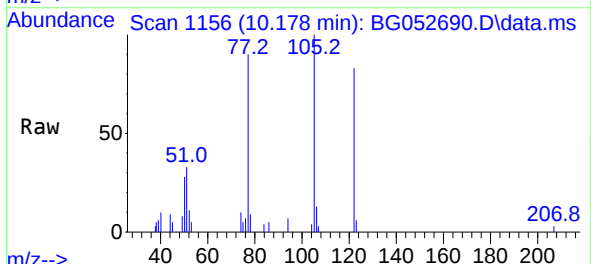
Instrument :  
BNA\_G  
ClientSampleId :  
MDL-WATER-03-QT1-2022

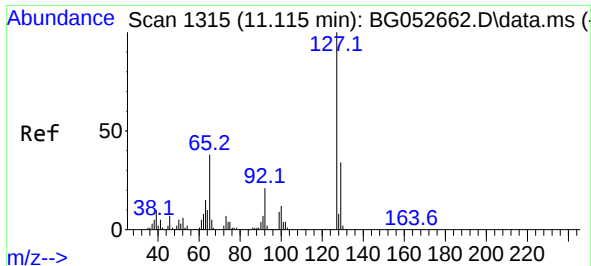
Tgt Ion:128 Resp: 73849  
Ion Ratio Lower Upper  
128 100  
129 10.5 8.8 13.2  
127 11.8 10.5 15.7



#32  
Benzoic acid  
Concen: 5.006 ng  
RT: 10.178 min Scan# 1156  
Delta R.T. -0.068 min  
Lab File: BG052690.D  
Acq: 17 Mar 2022 13:29

Tgt Ion:122 Resp: 9484  
Ion Ratio Lower Upper  
122 100  
105 121.1 112.8 152.8  
77 109.2 78.4 118.4

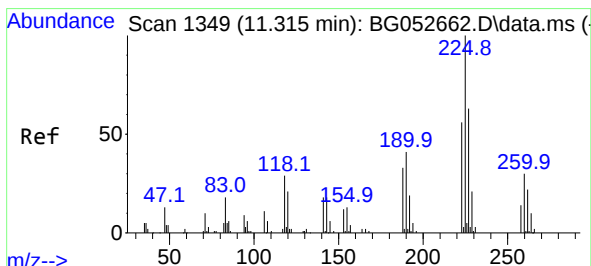
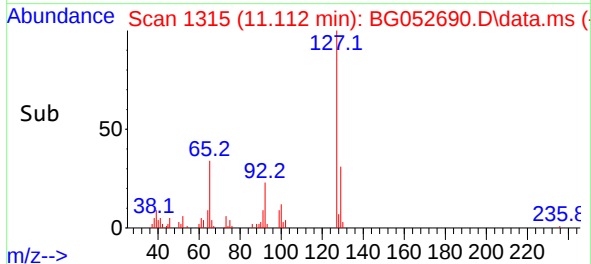
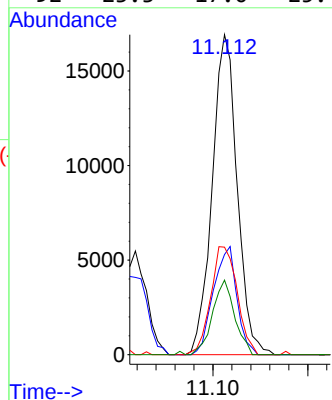
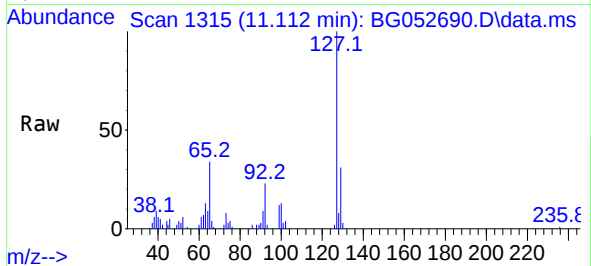




#33  
4-Chloroaniline  
Concen: 7.088 ng  
RT: 11.112 min Scan# 1112  
Delta R.T. -0.003 min  
Lab File: BG052690.D  
Acq: 17 Mar 2022 13:29

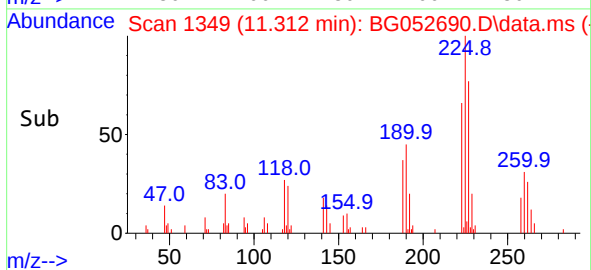
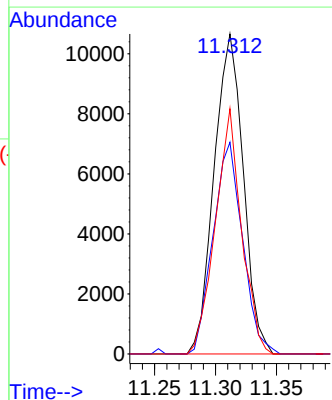
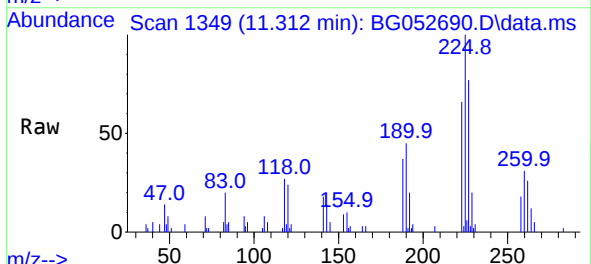
Instrument :  
BNA\_G  
ClientSampleId :  
MDL-WATER-03-QT1-2022

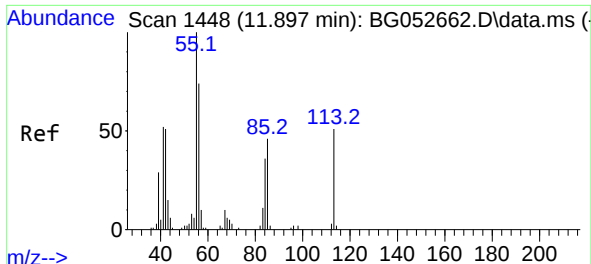
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 127   | Resp: | 30920 |
| Ion      | Ratio | Lower | Upper |
| 127      | 100   |       |       |
| 129      | 31.3  | 27.6  | 41.4  |
| 65       | 33.6  | 28.2  | 42.4  |
| 92       | 23.3  | 17.0  | 25.4  |



#34  
Hexachlorobutadiene  
Concen: 6.616 ng  
RT: 11.312 min Scan# 1349  
Delta R.T. -0.003 min  
Lab File: BG052690.D  
Acq: 17 Mar 2022 13:29

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 225   | Resp: | 17751 |
| Ion      | Ratio | Lower | Upper |
| 225      | 100   |       |       |
| 223      | 66.1  | 50.2  | 75.2  |
| 227      | 76.7  | 52.0  | 78.0  |

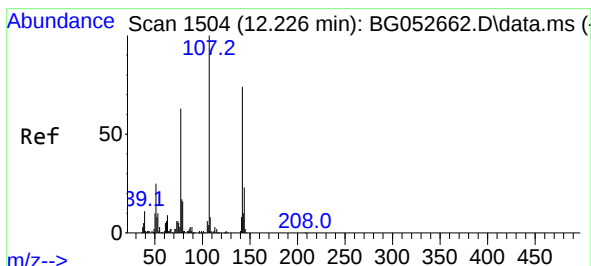
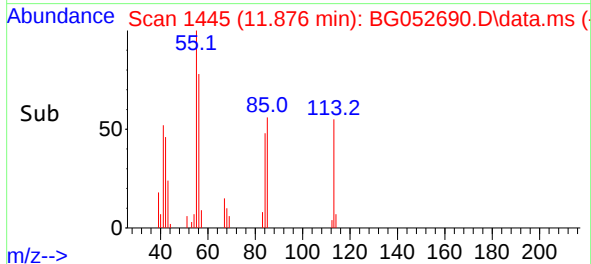
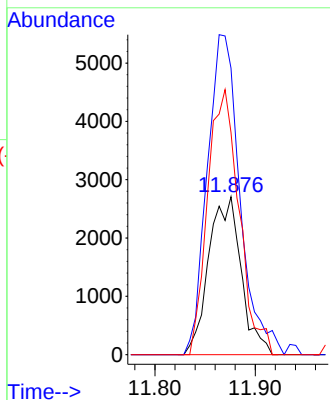
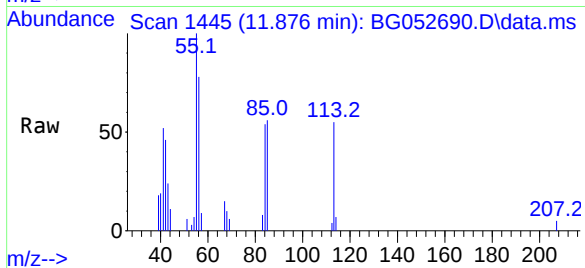




#35  
 Caprolactam  
 Concen: 6.998 ng  
 RT: 11.876 min Scan# 1445  
 Delta R.T. -0.021 min  
 Lab File: BG052690.D  
 Acq: 17 Mar 2022 13:29

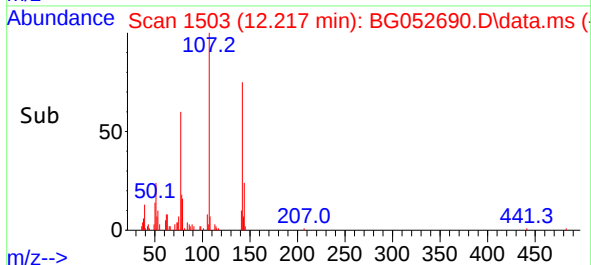
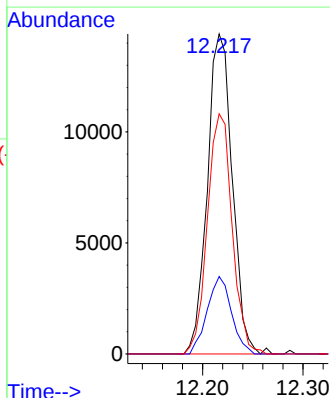
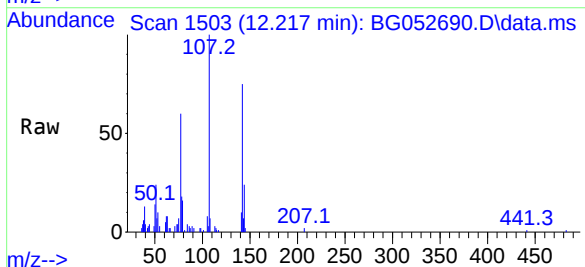
Instrument :  
 BNA\_G  
 ClientSampleId :  
 MDL-WATER-03-QT1-2022

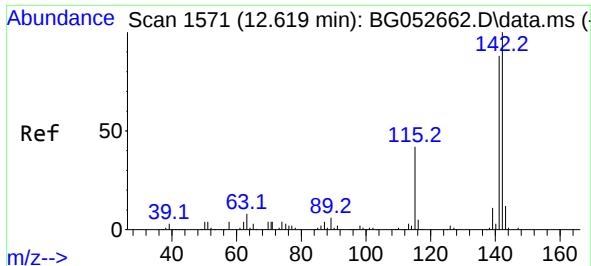
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 113   | Resp: | 6061  |
| Ion      | Ratio | Lower | Upper |
| 113      | 100   |       |       |
| 55       | 181.6 | 151.3 | 191.3 |
| 56       | 140.8 | 128.5 | 168.5 |



#36  
 4-Chloro-3-methylphenol  
 Concen: 6.764 ng  
 RT: 12.217 min Scan# 1503  
 Delta R.T. -0.009 min  
 Lab File: BG052690.D  
 Acq: 17 Mar 2022 13:29

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 107   | Resp: | 24916 |
| Ion      | Ratio | Lower | Upper |
| 107      | 100   |       |       |
| 144      | 24.2  | 21.4  | 32.0  |
| 142      | 75.0  | 61.7  | 92.5  |

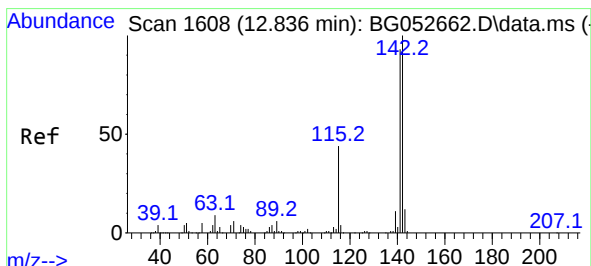
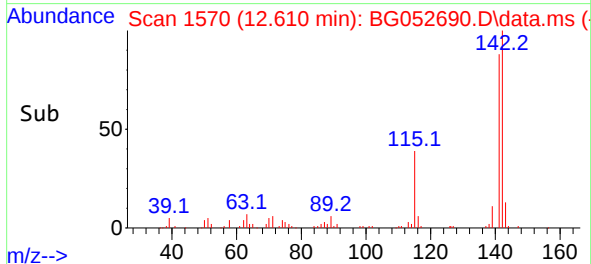
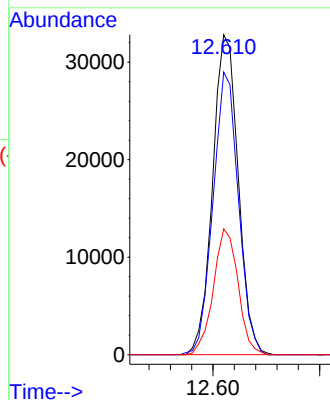
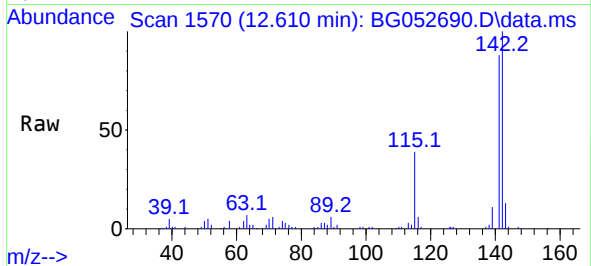




#37  
2-Methylnaphthalene  
Concen: 7.257 ng  
RT: 12.610 min Scan# 11  
Delta R.T. -0.009 min  
Lab File: BG052690.D  
Acq: 17 Mar 2022 13:29

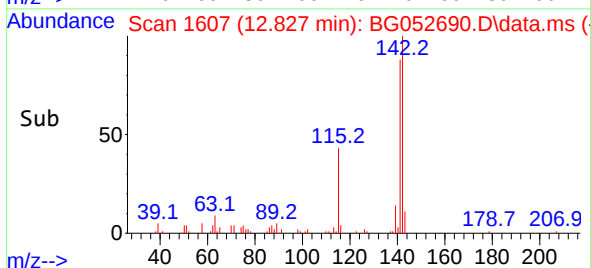
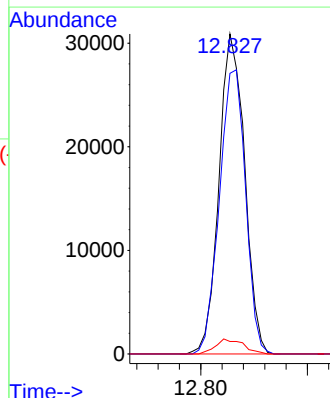
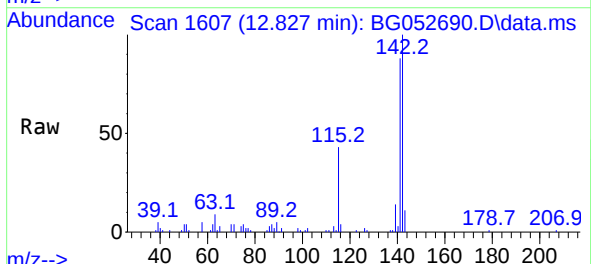
Instrument :  
BNA\_G  
ClientSampleId :  
MDL-WATER-03-QT1-2022

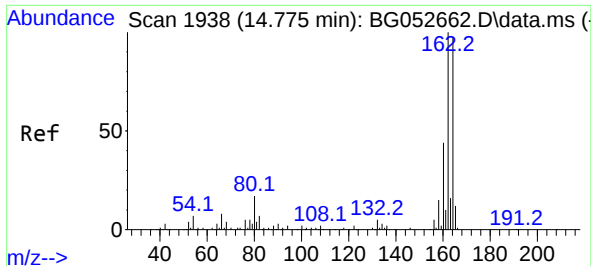
|             |       |            |
|-------------|-------|------------|
| Tgt Ion:142 | Resp: | 54698      |
| Ion Ratio   | Lower | Upper      |
| 142         | 100   |            |
| 141         | 88.3  | 71.3 106.9 |
| 115         | 39.3  | 29.5 44.3  |



#38  
1-Methylnaphthalene  
Concen: 6.996 ng  
RT: 12.827 min Scan# 1607  
Delta R.T. -0.009 min  
Lab File: BG052690.D  
Acq: 17 Mar 2022 13:29

|             |       |            |
|-------------|-------|------------|
| Tgt Ion:142 | Resp: | 51465      |
| Ion Ratio   | Lower | Upper      |
| 142         | 100   |            |
| 141         | 87.7  | 70.5 105.7 |
| 116         | 3.9   | 3.1 4.7    |

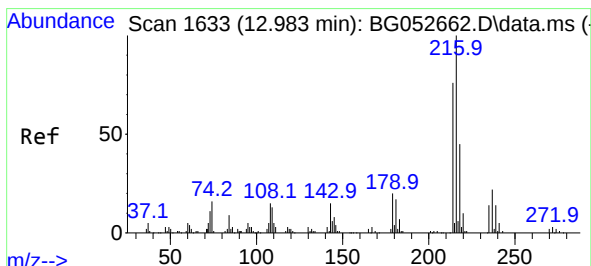
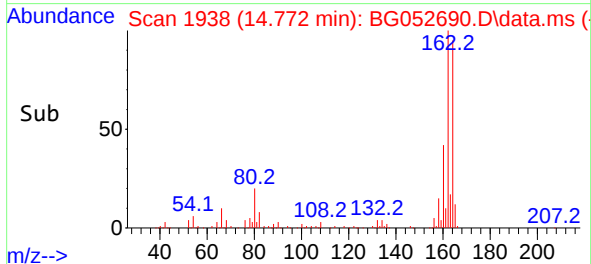
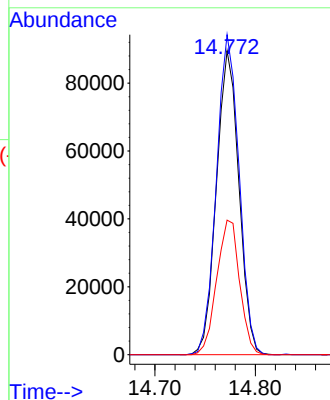
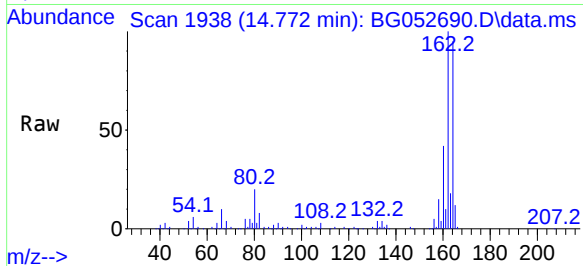




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.772 min Scan# 1938  
Delta R.T. -0.003 min  
Lab File: BG052690.D  
Acq: 17 Mar 2022 13:29

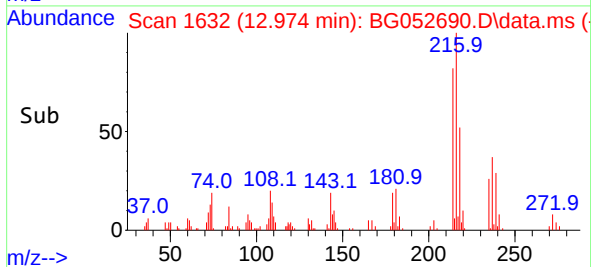
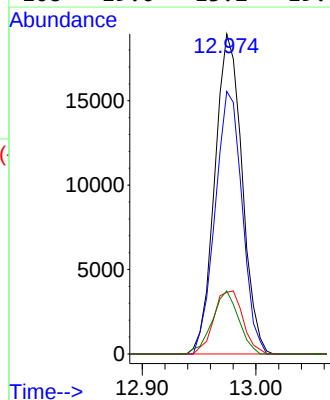
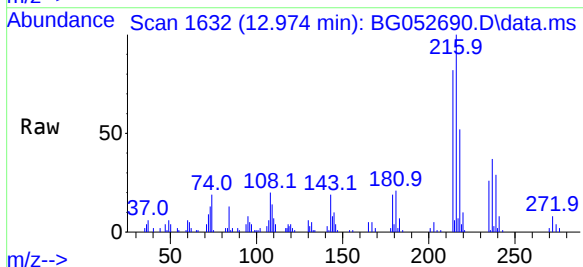
Instrument :  
BNA\_G  
ClientSampleId :  
MDL-WATER-03-QT1-2022

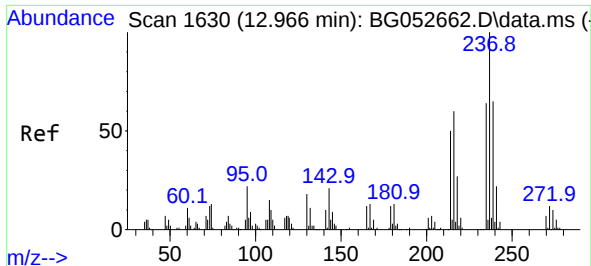
Tgt Ion:164 Resp: 138739  
Ion Ratio Lower Upper  
164 100  
162 105.3 80.0 120.0  
160 44.3 38.8 58.2



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 7.271 ng  
RT: 12.974 min Scan# 1632  
Delta R.T. -0.009 min  
Lab File: BG052690.D  
Acq: 17 Mar 2022 13:29

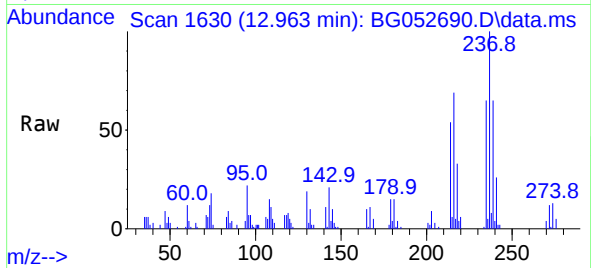
Tgt Ion:216 Resp: 31518  
Ion Ratio Lower Upper  
216 100  
214 81.4 63.8 95.6  
179 21.0 15.7 23.5  
108 19.0 13.2 19.8



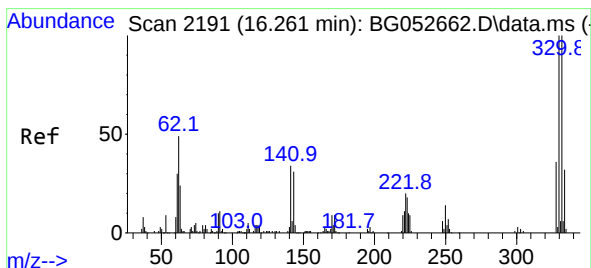
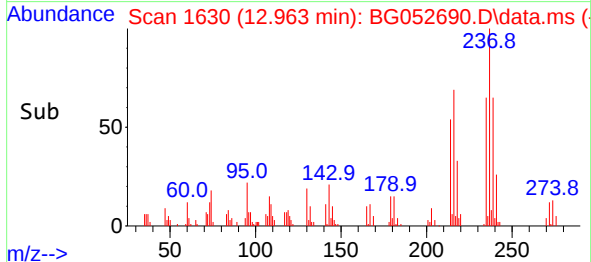
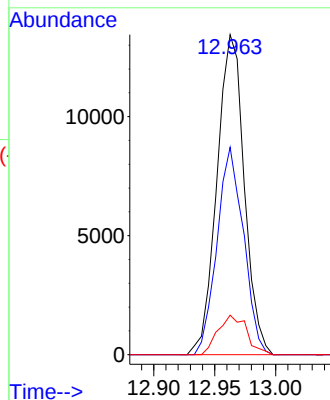


#41  
Hexachlorocyclopentadiene  
Concen: 8.166 ng  
RT: 12.963 min Scan# 1  
Delta R.T. -0.003 min  
Lab File: BG052690.D  
Acq: 17 Mar 2022 13:29

Instrument :  
BNA\_G  
ClientSampleId :  
MDL-WATER-03-QT1-2022

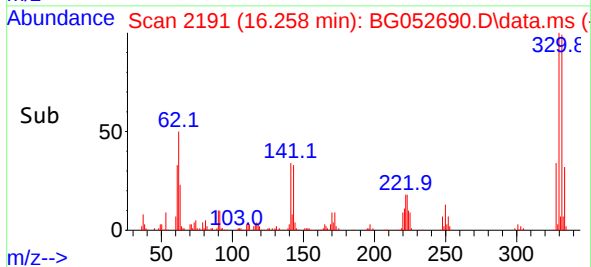
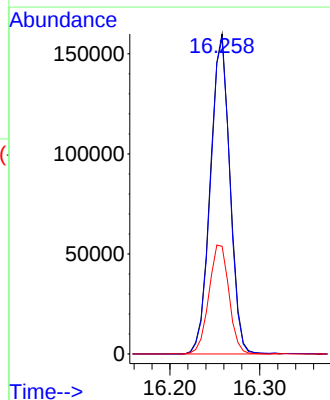
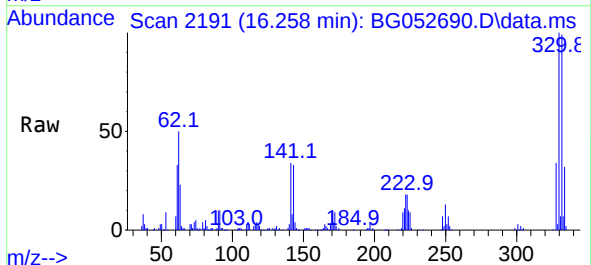


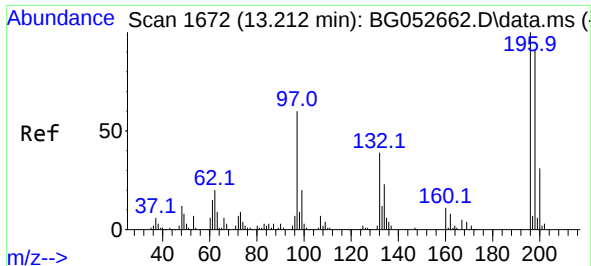
Tgt Ion:237 Resp: 20981  
Ion Ratio Lower Upper  
237 100  
235 64.8 37.7 77.7  
272 12.3 0.0 30.7



#42  
2,4,6-Tribromophenol  
Concen: 129.872 ng  
RT: 16.258 min Scan# 2191  
Delta R.T. -0.003 min  
Lab File: BG052690.D  
Acq: 17 Mar 2022 13:29

Tgt Ion:330 Resp: 242117  
Ion Ratio Lower Upper  
330 100  
332 97.9 75.8 113.6  
141 35.0 24.6 36.8

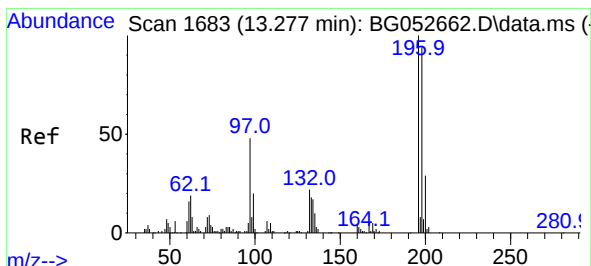
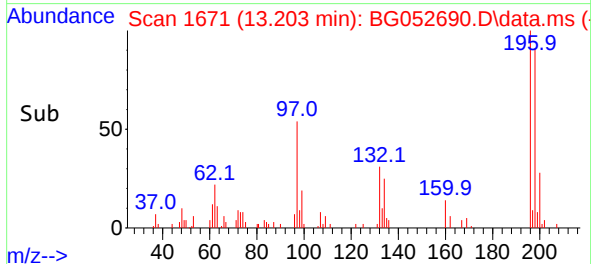
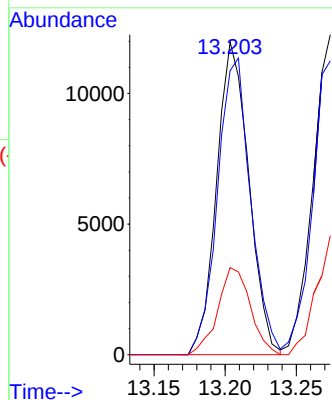
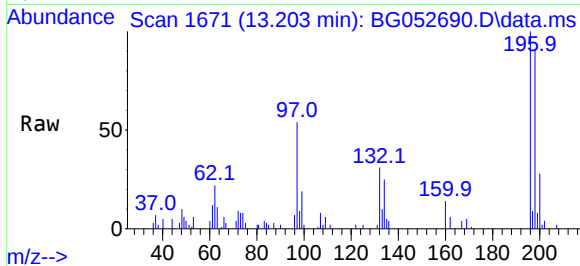




#43  
2,4,6-Trichlorophenol  
Concen: 6.785 ng  
RT: 13.203 min Scan# 1  
Delta R.T. -0.009 min  
Lab File: BG052690.D  
Acq: 17 Mar 2022 13:29

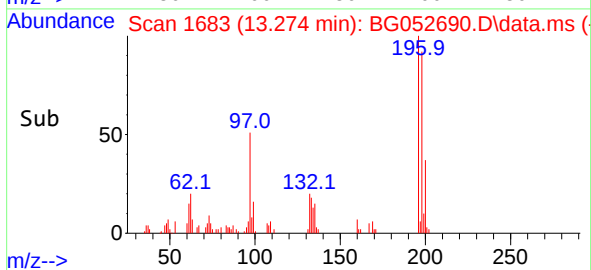
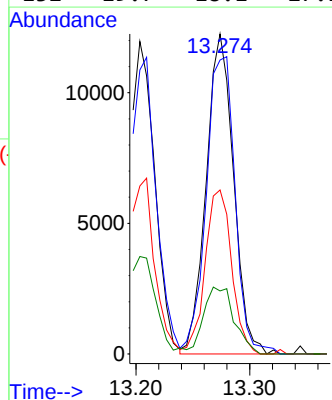
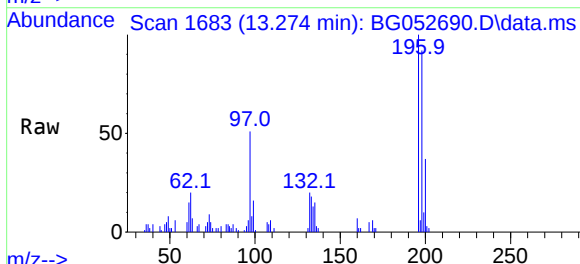
Instrument :  
BNA\_G  
ClientSampleId :  
MDL-WATER-03-QT1-2022

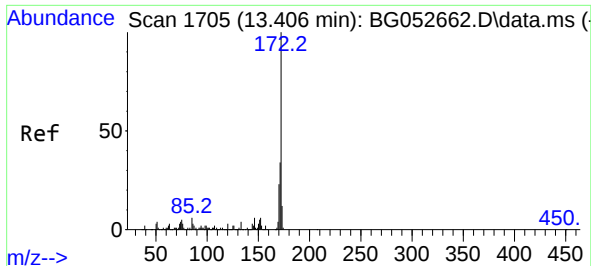
Tgt Ion:196 Resp: 18835  
Ion Ratio Lower Upper  
196 100  
198 90.9 78.8 118.2  
200 27.8 25.1 37.7



#44  
2,4,5-Trichlorophenol  
Concen: 7.286 ng  
RT: 13.274 min Scan# 1683  
Delta R.T. -0.003 min  
Lab File: BG052690.D  
Acq: 17 Mar 2022 13:29

Tgt Ion:196 Resp: 20529  
Ion Ratio Lower Upper  
196 100  
198 91.8 75.8 113.6  
97 51.2 36.5 54.7  
132 19.7 18.1 27.1

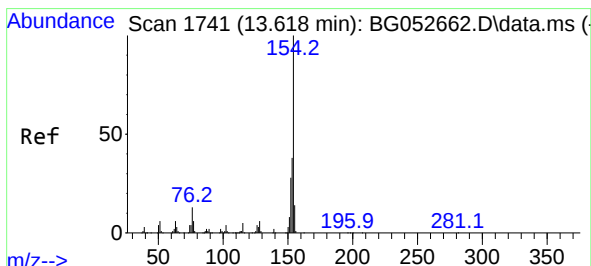
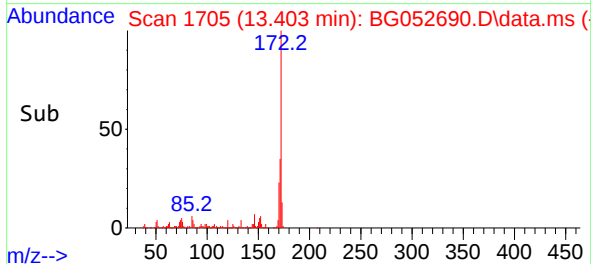
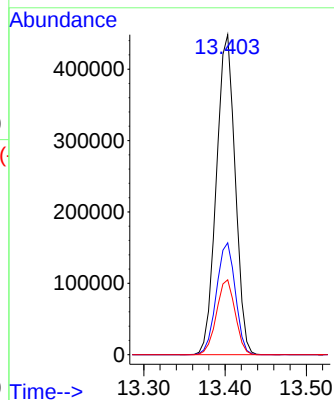
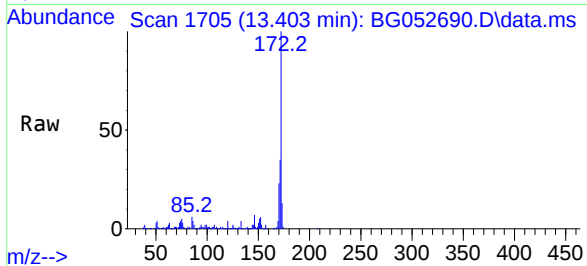




#45  
2-Fluorobiphenyl  
Concen: 76.553 ng  
RT: 13.403 min Scan# 1705  
Delta R.T. -0.003 min  
Lab File: BG052690.D  
Acq: 17 Mar 2022 13:29

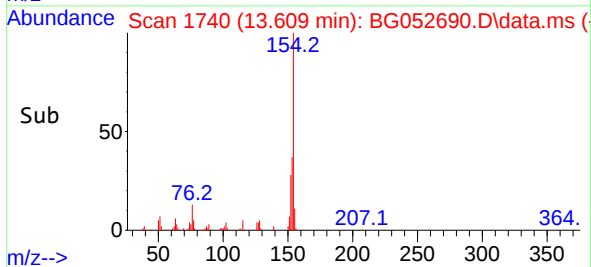
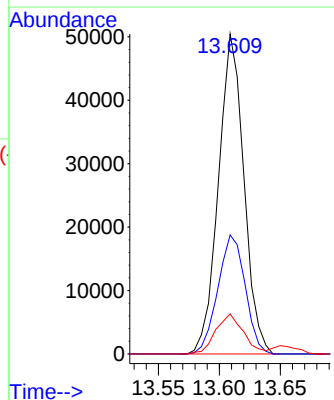
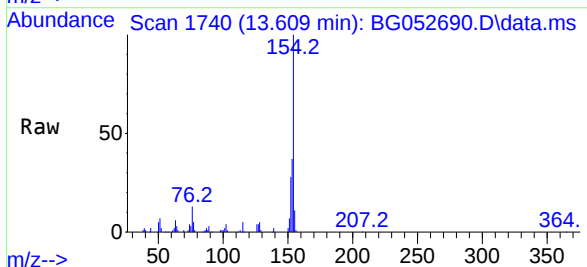
Instrument :  
BNA\_G  
ClientSampleId :  
MDL-WATER-03-QT1-2022

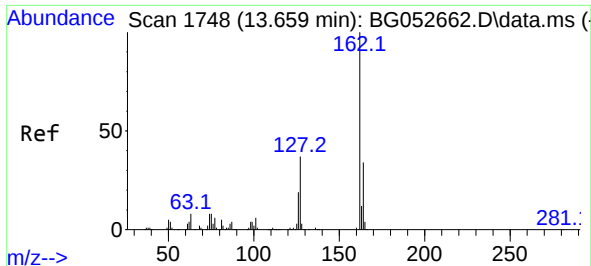
Tgt Ion:172 Resp: 720138  
Ion Ratio Lower Upper  
172 100  
171 34.9 28.3 42.5  
170 23.4 18.0 27.0



#46  
1,1'-Biphenyl  
Concen: 7.555 ng  
RT: 13.609 min Scan# 1740  
Delta R.T. -0.009 min  
Lab File: BG052690.D  
Acq: 17 Mar 2022 13:29

Tgt Ion:154 Resp: 73303  
Ion Ratio Lower Upper  
154 100  
153 37.2 21.6 61.6  
76 12.6 0.0 31.5

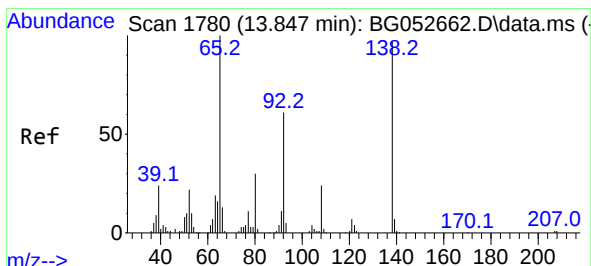
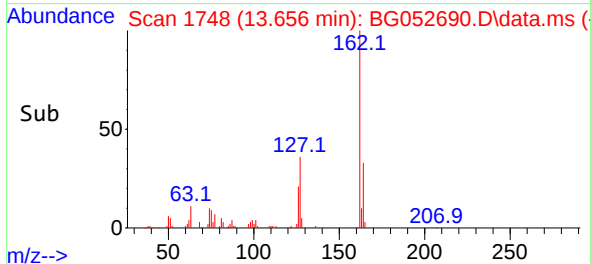
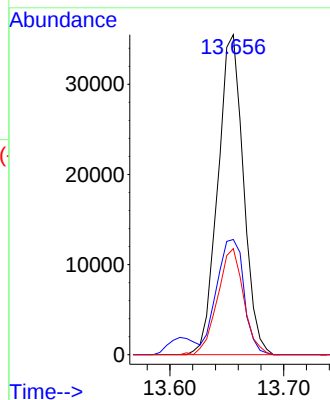
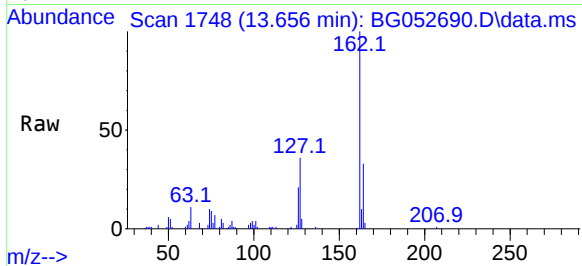




#47  
2-Chloronaphthalene  
Concen: 7.264 ng  
RT: 13.656 min Scan# 1778  
Delta R.T. -0.003 min  
Lab File: BG052690.D  
Acq: 17 Mar 2022 13:29

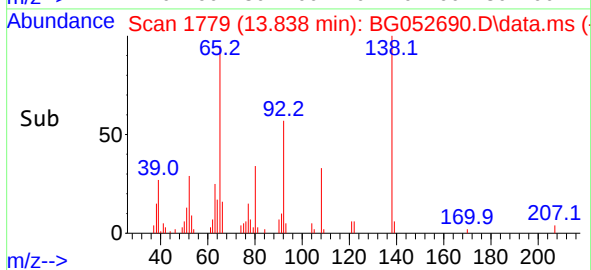
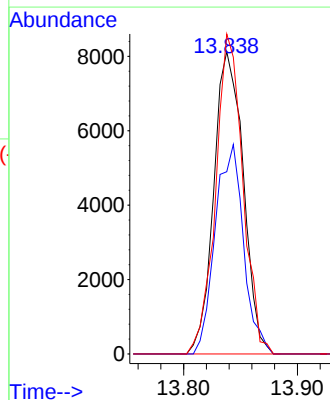
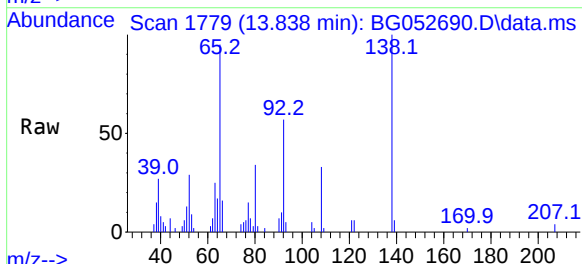
Instrument : BNA\_G  
ClientSampleId : MDL-WATER-03-QT1-2022

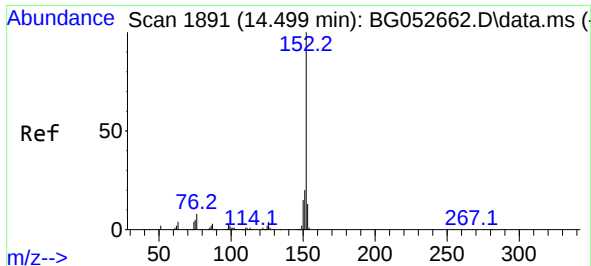
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 162   | Resp: | 55502 |
| Ion      | Ratio | Lower | Upper |
| 162      | 100   |       |       |
| 127      | 36.0  | 28.1  | 42.1  |
| 164      | 33.1  | 26.0  | 39.0  |



#48  
2-Nitroaniline  
Concen: 7.008 ng  
RT: 13.838 min Scan# 1779  
Delta R.T. -0.009 min  
Lab File: BG052690.D  
Acq: 17 Mar 2022 13:29

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 65    | Resp: | 14644 |
| Ion      | Ratio | Lower | Upper |
| 65       | 100   |       |       |
| 92       | 60.2  | 52.1  | 78.1  |
| 138      | 105.8 | 80.1  | 120.1 |

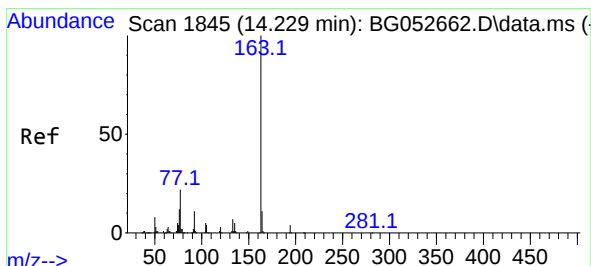
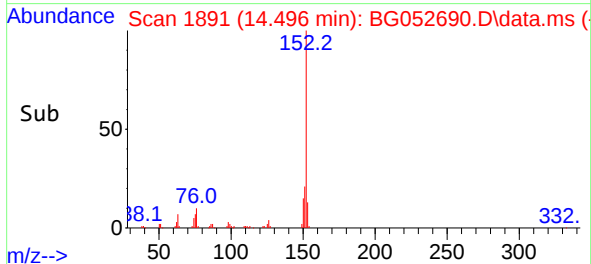
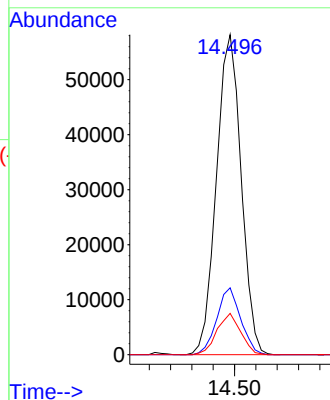
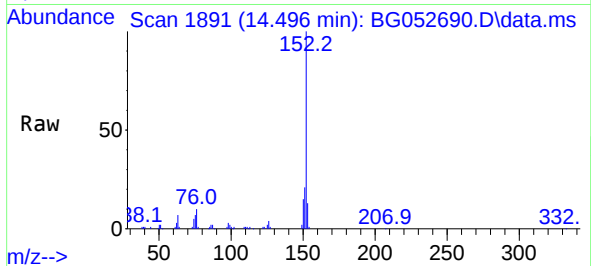




#49  
Acenaphthylene  
Concen: 7.686 ng  
RT: 14.496 min Scan# 1891  
Delta R.T. -0.003 min  
Lab File: BG052690.D  
Acq: 17 Mar 2022 13:29

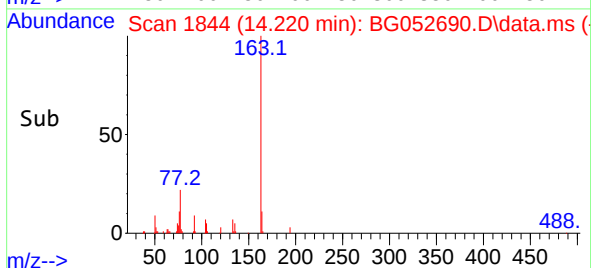
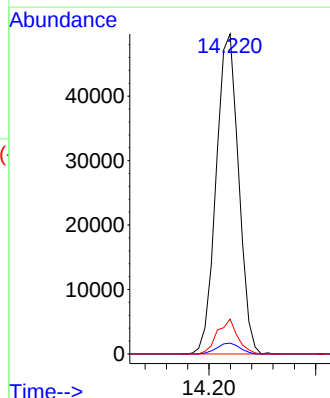
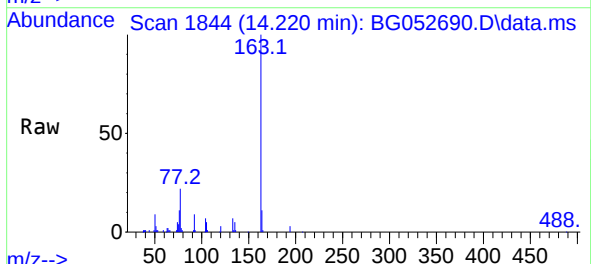
Instrument : BNA\_G  
ClientSampleId : MDL-WATER-03-QT1-2022

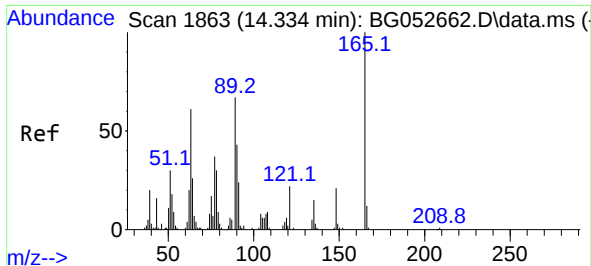
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 152   | Resp: | 93613 |
| Ion Ratio | Lower | Upper |       |
| 152       | 100   |       |       |
| 151       | 20.9  | 15.8  | 23.6  |
| 153       | 12.9  | 10.6  | 15.8  |



#50  
Dimethylphthalate  
Concen: 7.022 ng  
RT: 14.220 min Scan# 1844  
Delta R.T. -0.009 min  
Lab File: BG052690.D  
Acq: 17 Mar 2022 13:29

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 163   | Resp: | 72410 |
| Ion Ratio | Lower | Upper |       |
| 163       | 100   |       |       |
| 194       | 3.4   | 3.3   | 4.9   |
| 164       | 10.9  | 8.5   | 12.7  |

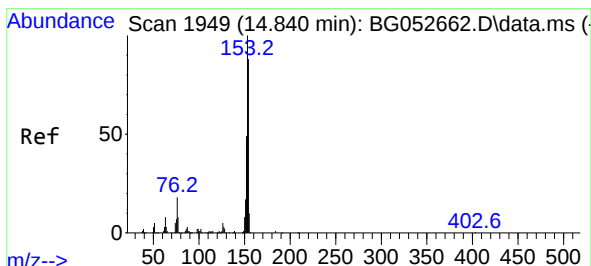
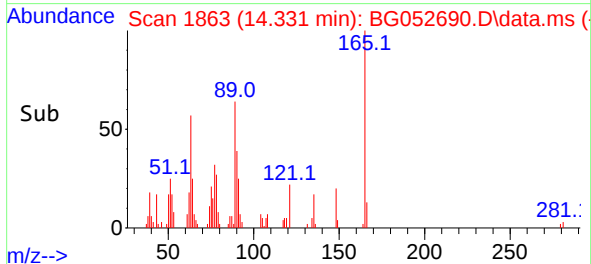
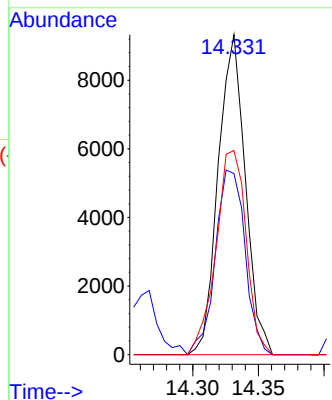
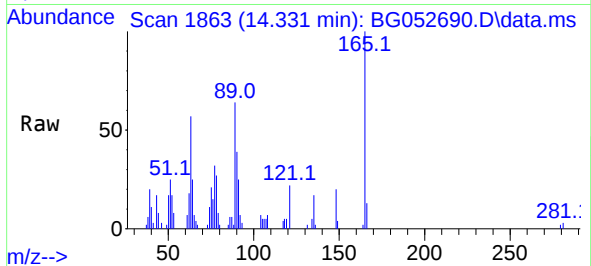




#51  
2,6-Dinitrotoluene  
Concen: 7.690 ng  
RT: 14.331 min Scan# 1863  
Delta R.T. -0.003 min  
Lab File: BG052690.D  
Acq: 17 Mar 2022 13:29

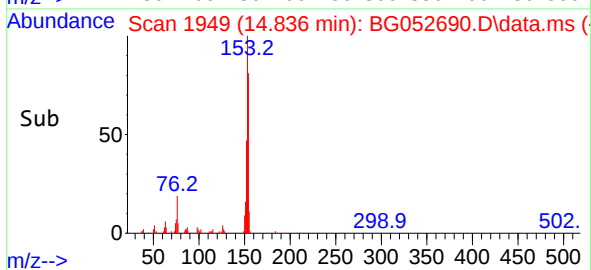
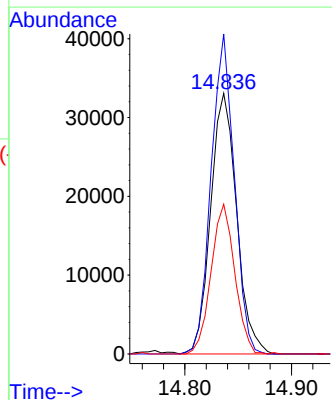
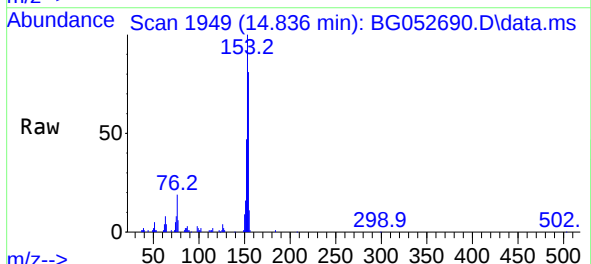
Instrument :  
BNA\_G  
ClientSampleId :  
MDL-WATER-03-QT1-2022

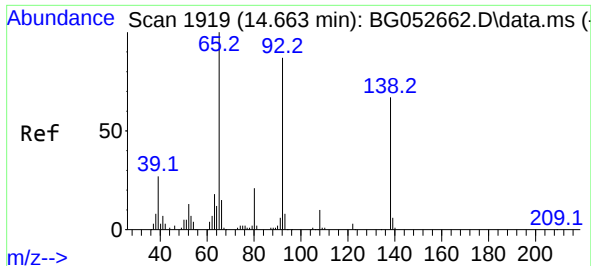
Tgt Ion:165 Resp: 13387  
Ion Ratio Lower Upper  
165 100  
63 56.6 43.7 65.5  
89 63.8 45.0 67.4



#52  
Acenaphthene  
Concen: 7.178 ng  
RT: 14.836 min Scan# 1949  
Delta R.T. -0.003 min  
Lab File: BG052690.D  
Acq: 17 Mar 2022 13:29

Tgt Ion:154 Resp: 56008  
Ion Ratio Lower Upper  
154 100  
153 122.8 89.0 133.4  
152 57.5 40.5 60.7

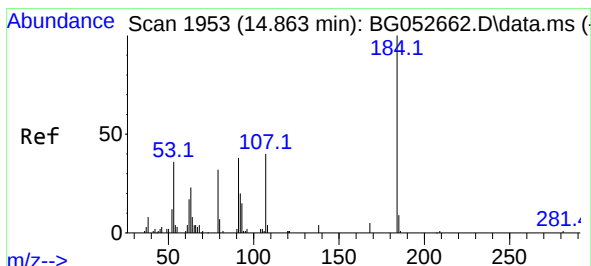
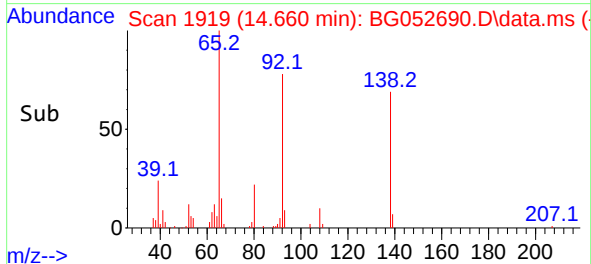
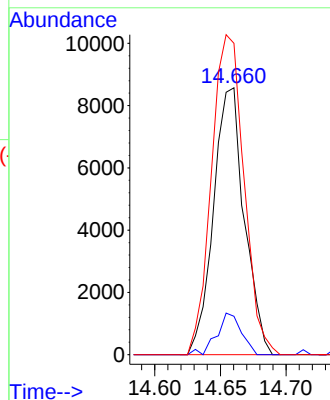
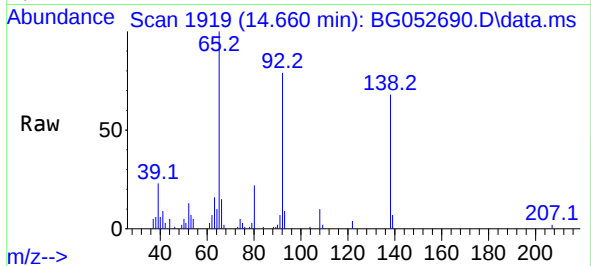




#53  
3-Nitroaniline  
Concen: 6.878 ng  
RT: 14.660 min Scan# 1919  
Delta R.T. -0.003 min  
Lab File: BG052690.D  
Acq: 17 Mar 2022 13:29

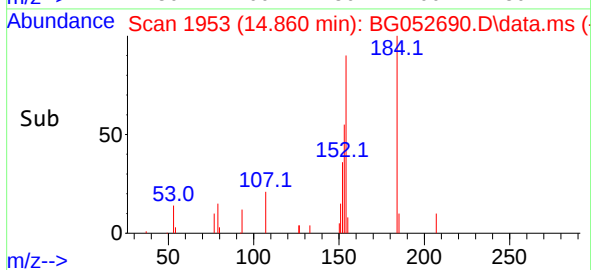
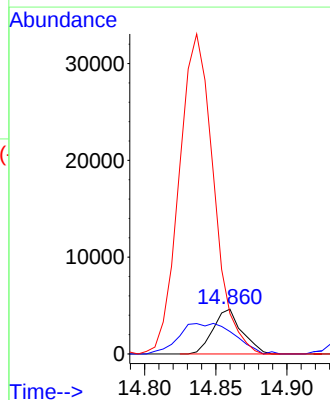
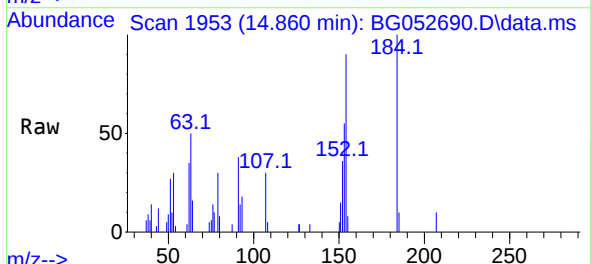
Instrument :  
BNA\_G  
ClientSampleId :  
MDL-WATER-03-QT1-2022

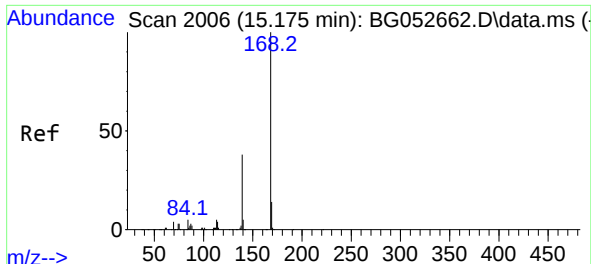
Tgt Ion:138 Resp: 14012  
Ion Ratio Lower Upper  
138 100  
108 14.4 8.0 12.0#  
92 116.6 96.2 144.2



#54  
2,4-Dinitrophenol  
Concen: 6.860 ng  
RT: 14.860 min Scan# 1953  
Delta R.T. -0.003 min  
Lab File: BG052690.D  
Acq: 17 Mar 2022 13:29

Tgt Ion:184 Resp: 6510  
Ion Ratio Lower Upper  
184 100  
63 49.8 51.8 77.6#  
154 89.8 47.8 71.6#

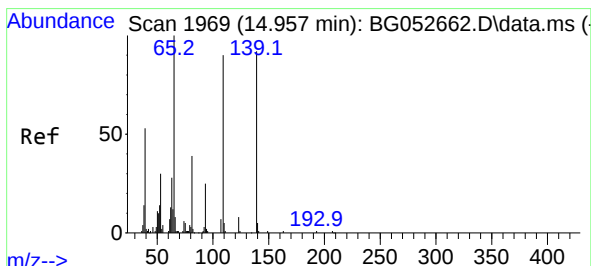
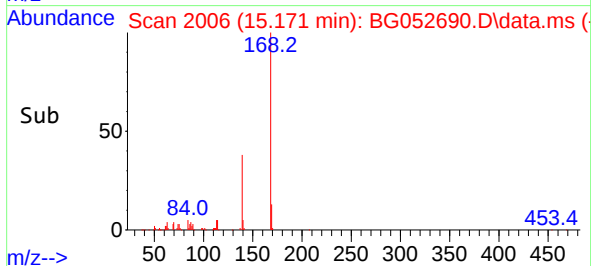
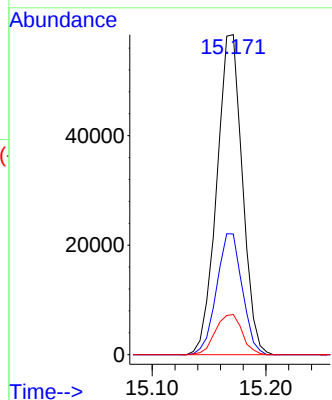
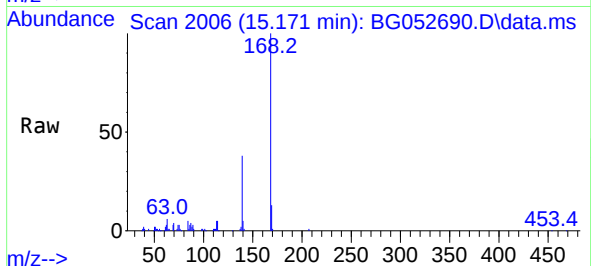




#55  
Dibenzenofuran  
Concen: 7.179 ng  
RT: 15.171 min Scan# 20  
Delta R.T. -0.003 min  
Lab File: BG052690.D  
Acq: 17 Mar 2022 13:29

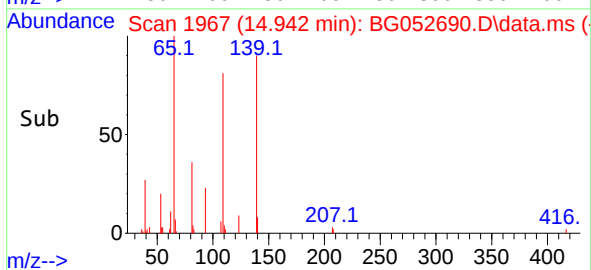
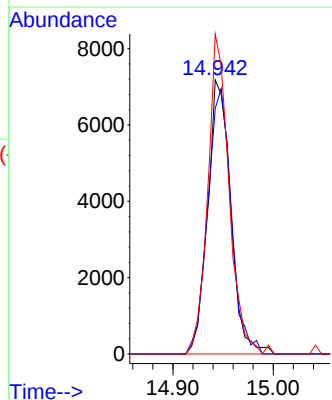
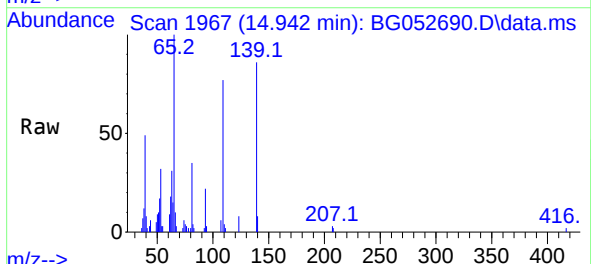
Instrument :  
BNA\_G  
ClientSampleId :  
MDL-WATER-03-QT1-2022

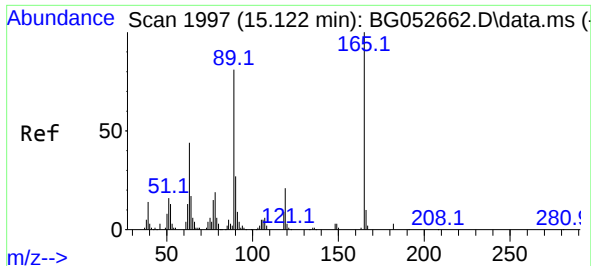
Tgt Ion:168 Resp: 91476  
Ion Ratio Lower Upper  
168 100  
139 37.7 30.2 45.4  
169 12.6 10.7 16.1



#56  
4-Nitrophenol  
Concen: 6.923 ng  
RT: 14.942 min Scan# 1967  
Delta R.T. -0.015 min  
Lab File: BG052690.D  
Acq: 17 Mar 2022 13:29

Tgt Ion:139 Resp: 11505  
Ion Ratio Lower Upper  
139 100  
109 89.6 67.1 107.1  
65 116.8 88.2 128.2

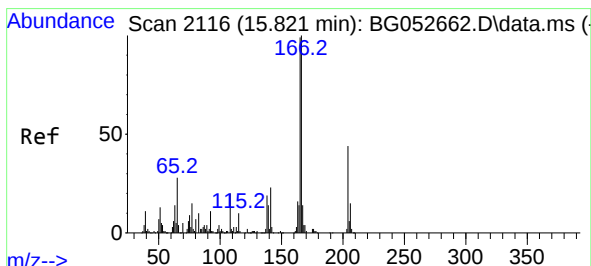
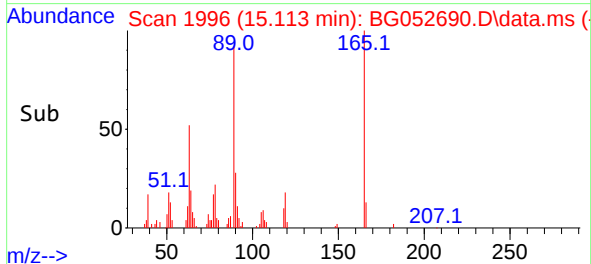
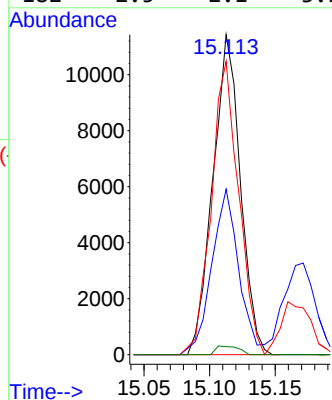
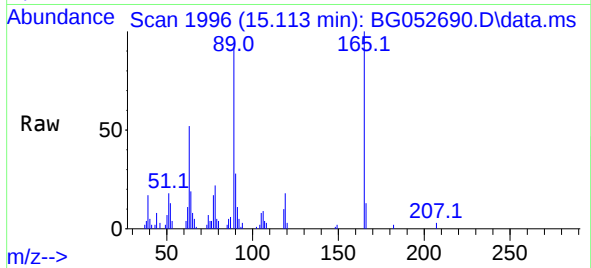




#57  
2,4-Dinitrotoluene  
Concen: 6.889 ng  
RT: 15.113 min Scan# 1996  
Delta R.T. -0.009 min  
Lab File: BG052690.D  
Acq: 17 Mar 2022 13:29

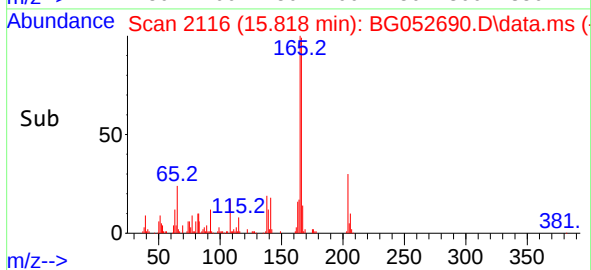
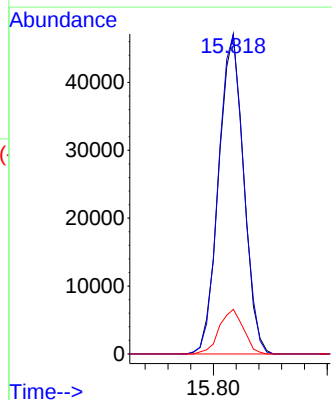
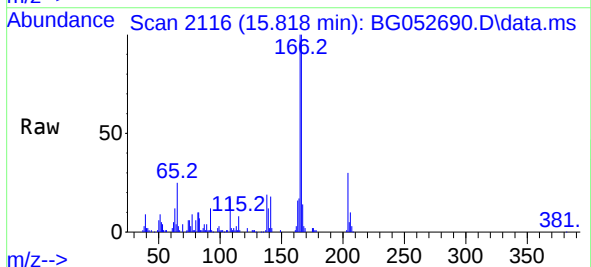
Instrument :  
BNA\_G  
ClientSampleId :  
MDL-WATER-03-QT1-2022

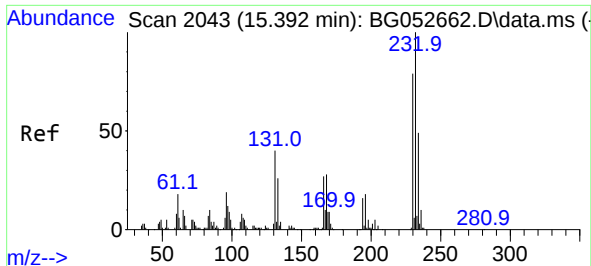
Tgt Ion:165 Resp: 16640  
Ion Ratio Lower Upper  
165 100  
63 51.7 34.8 52.2  
89 91.6 57.4 86.0#  
182 2.5 2.1 3.1



#58  
Fluorene  
Concen: 6.921 ng  
RT: 15.818 min Scan# 2116  
Delta R.T. -0.003 min  
Lab File: BG052690.D  
Acq: 17 Mar 2022 13:29

Tgt Ion:166 Resp: 71888  
Ion Ratio Lower Upper  
166 100  
165 99.8 78.6 117.8  
167 14.0 10.9 16.3





#59

2,3,4,6-Tetrachlorophenol

Concen: 6.248 ng

RT: 15.389 min Scan# 2043

Delta R.T. -0.003 min

Lab File: BG052690.D

Acq: 17 Mar 2022 13:29

Instrument :

BNA\_G

ClientSampleId :

MDL-WATER-03-QT1-2022

Tgt Ion:232 Resp: 18817

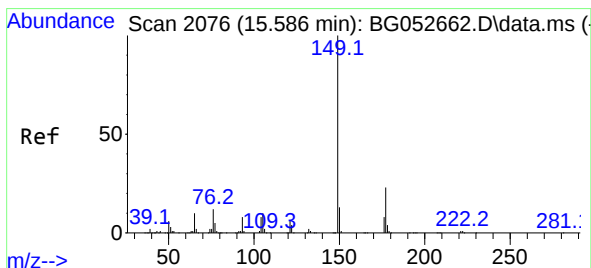
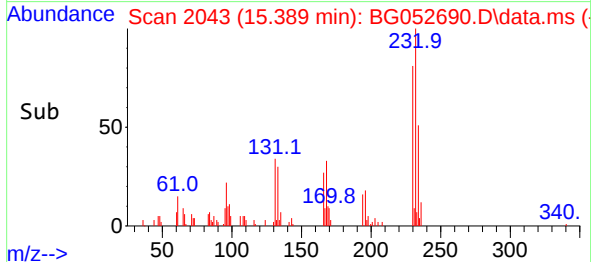
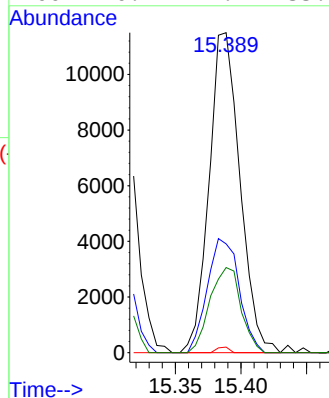
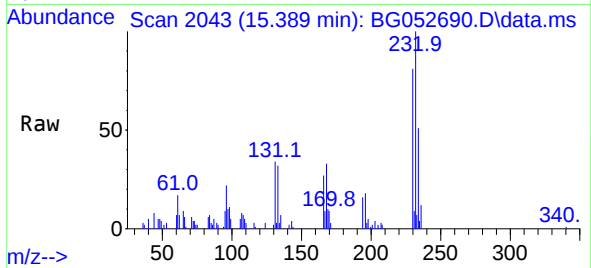
Ion Ratio Lower Upper

232 100

131 36.7 30.1 45.1

130 0.7 1.8 2.8#

166 26.7 22.2 33.2



#60

Diethylphthalate

Concen: 6.805 ng

RT: 15.577 min Scan# 2075

Delta R.T. -0.009 min

Lab File: BG052690.D

Acq: 17 Mar 2022 13:29

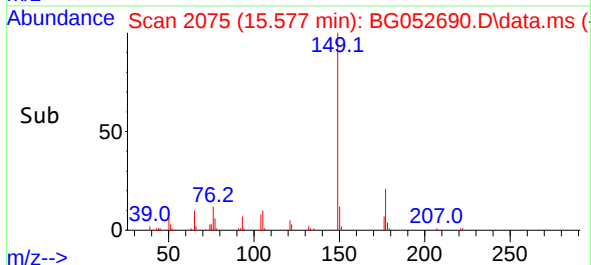
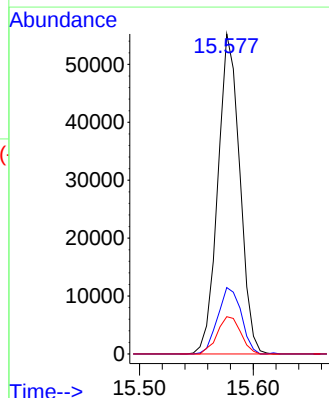
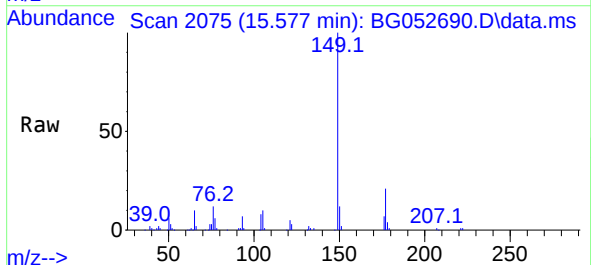
Tgt Ion:149 Resp: 74068

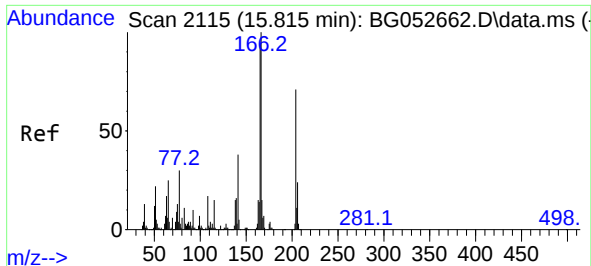
Ion Ratio Lower Upper

149 100

177 20.7 18.2 27.2

150 11.7 9.9 14.9

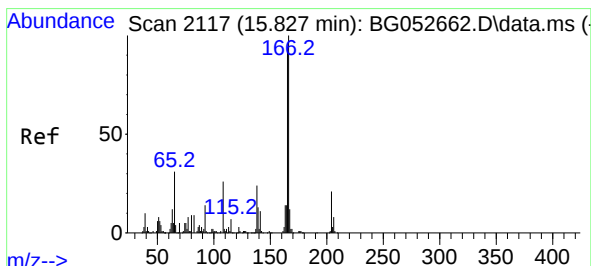
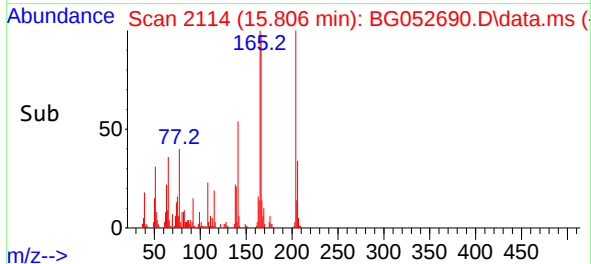
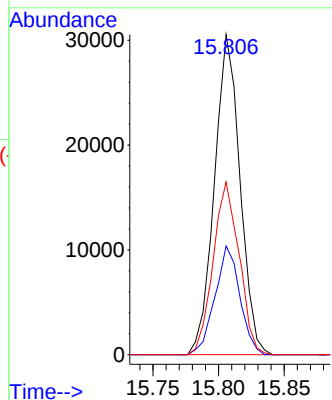
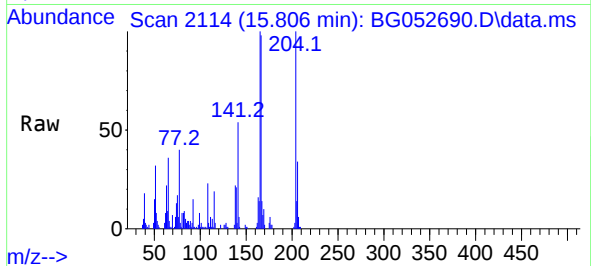




#61  
4-Chlorophenyl-phenylether  
Concen: 7.215 ng  
RT: 15.806 min Scan# 2115  
Delta R.T. -0.009 min  
Lab File: BG052690.D  
Acq: 17 Mar 2022 13:29

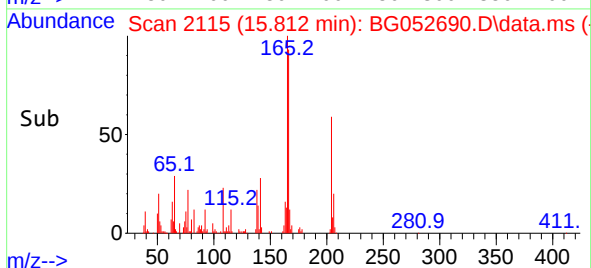
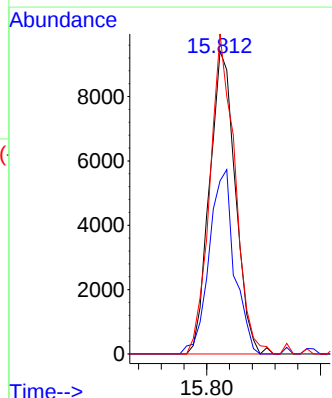
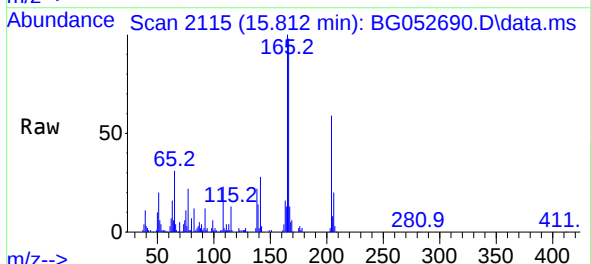
Instrument :  
BNA\_G  
ClientSampleId :  
MDL-WATER-03-QT1-2022

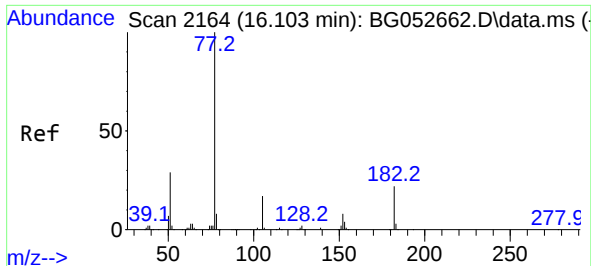
Tgt Ion:204 Resp: 41330  
Ion Ratio Lower Upper  
204 100  
206 34.0 28.3 42.5  
141 54.0 45.8 68.8



#62  
4-Nitroaniline  
Concen: 6.889 ng  
RT: 15.812 min Scan# 2115  
Delta R.T. -0.015 min  
Lab File: BG052690.D  
Acq: 17 Mar 2022 13:29

Tgt Ion:138 Resp: 14828  
Ion Ratio Lower Upper  
138 100  
92 57.2 33.3 73.3  
108 105.7 74.2 114.2

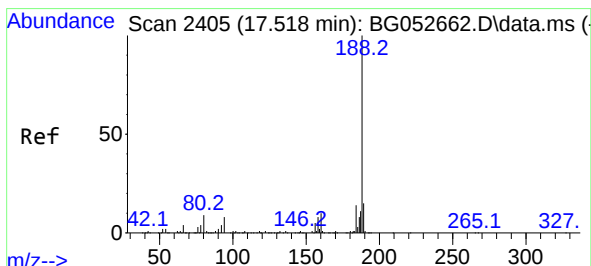
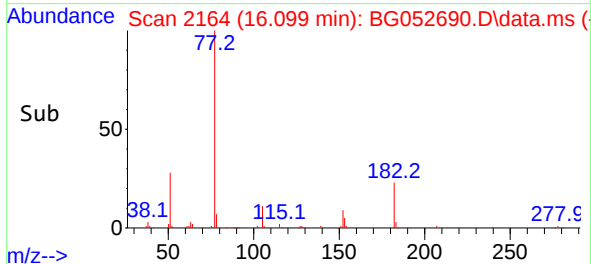
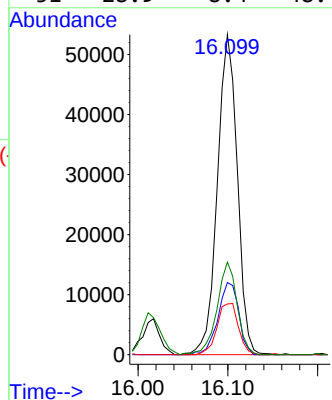
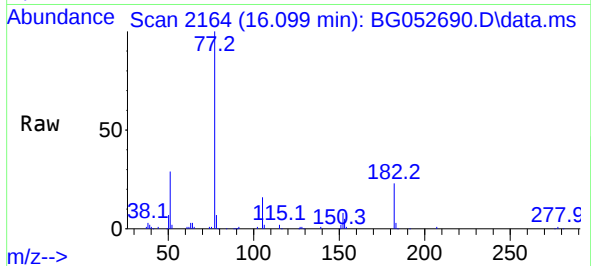




#63  
Azobenzene  
Concen: 7.062 ng  
RT: 16.099 min Scan# 2164  
Delta R.T. -0.003 min  
Lab File: BG052690.D  
Acq: 17 Mar 2022 13:29

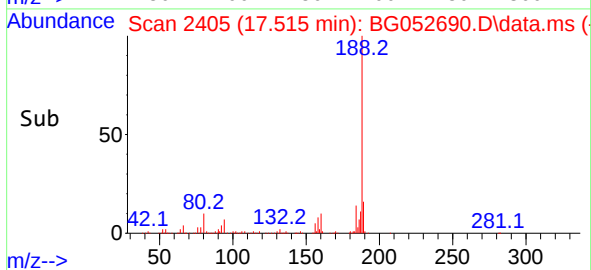
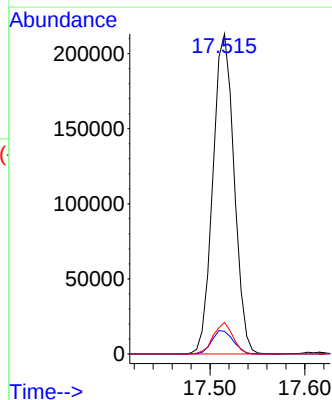
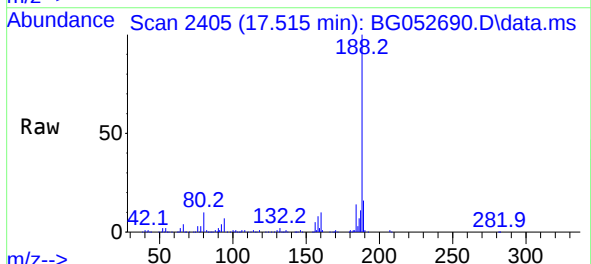
Instrument :  
BNA\_G  
ClientSampleId :  
MDL-WATER-03-QT1-2022

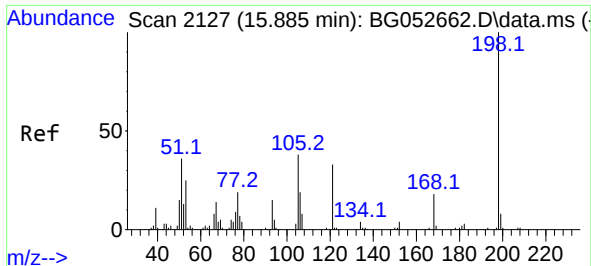
|             |             |
|-------------|-------------|
| Tgt Ion: 77 | Resp: 82157 |
| Ion Ratio   | Lower Upper |
| 77 100      |             |
| 182 22.6    | 5.6 45.6    |
| 105 15.9    | 0.0 38.8    |
| 51 28.9     | 8.4 48.4    |



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.515 min Scan# 2405  
Delta R.T. -0.003 min  
Lab File: BG052690.D  
Acq: 17 Mar 2022 13:29

|             |              |
|-------------|--------------|
| Tgt Ion:188 | Resp: 330832 |
| Ion Ratio   | Lower Upper  |
| 188 100     |              |
| 94 7.1      | 5.7 8.5      |
| 80 9.9      | 7.2 10.8     |

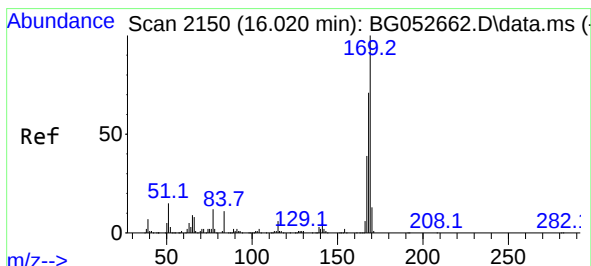
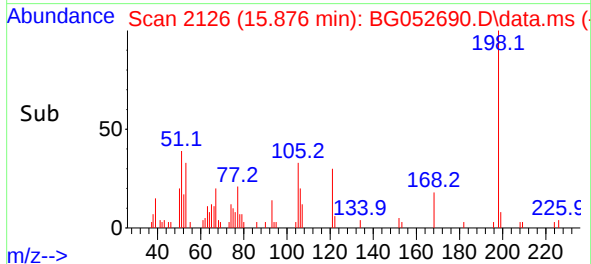
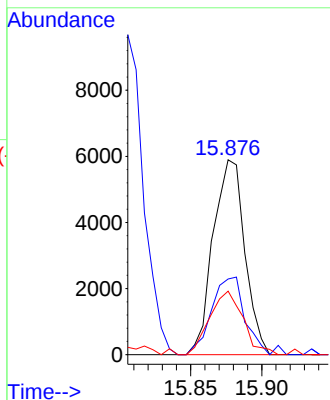
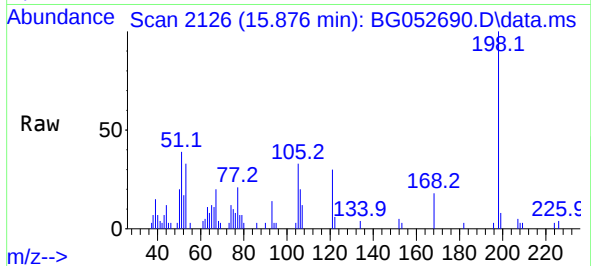




#65  
4,6-Dinitro-2-methylphenol  
Concen: 6.197 ng  
RT: 15.876 min Scan# 2127  
Delta R.T. -0.009 min  
Lab File: BG052690.D  
Acq: 17 Mar 2022 13:29

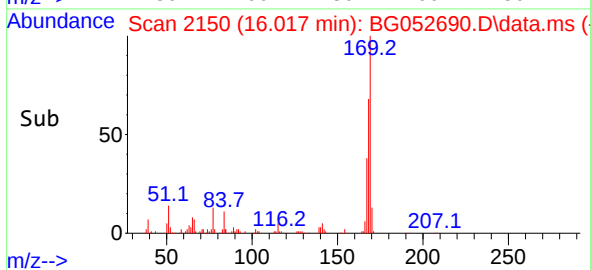
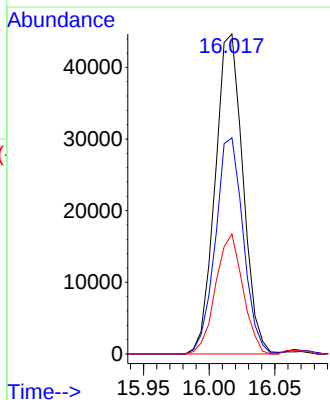
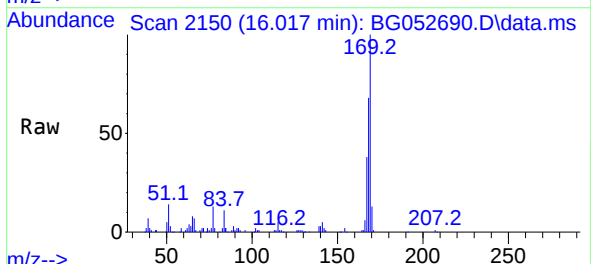
Instrument :  
BNA\_G  
ClientSampleId :  
MDL-WATER-03-QT1-2022

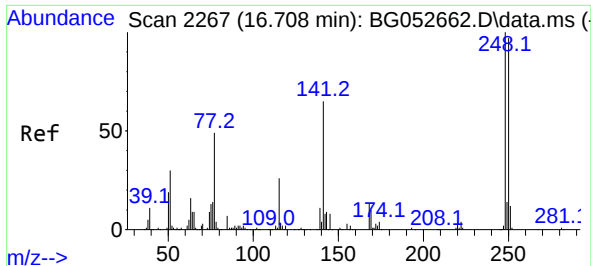
|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:198 | Resp: | 9140      |
| Ion Ratio   | Lower | Upper     |
| 198         | 100   |           |
| 51          | 38.8  | 21.7 61.7 |
| 105         | 32.6  | 20.8 60.8 |



#66  
n-Nitrosodiphenylamine  
Concen: 7.056 ng  
RT: 16.017 min Scan# 2150  
Delta R.T. -0.003 min  
Lab File: BG052690.D  
Acq: 17 Mar 2022 13:29

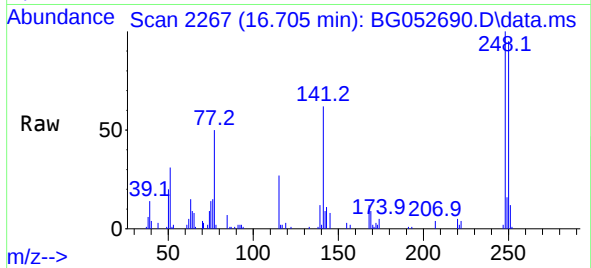
|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:169 | Resp: | 65723     |
| Ion Ratio   | Lower | Upper     |
| 169         | 100   |           |
| 168         | 67.6  | 54.5 81.7 |
| 167         | 37.5  | 29.6 44.4 |



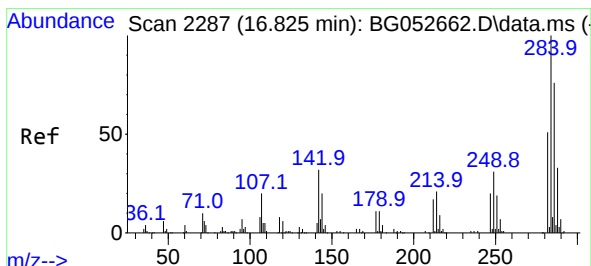
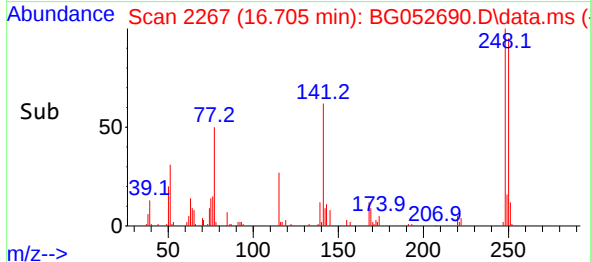
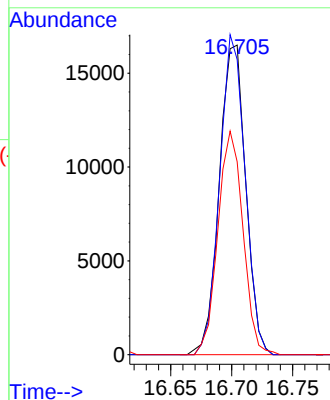


#67  
4-Bromophenyl-phenylether  
Concen: 6.247 ng  
RT: 16.705 min Scan# 21  
Delta R.T. -0.003 min  
Lab File: BG052690.D  
Acq: 17 Mar 2022 13:29

Instrument :  
BNA\_G  
ClientSampleId :  
MDL-WATER-03-QT1-2022

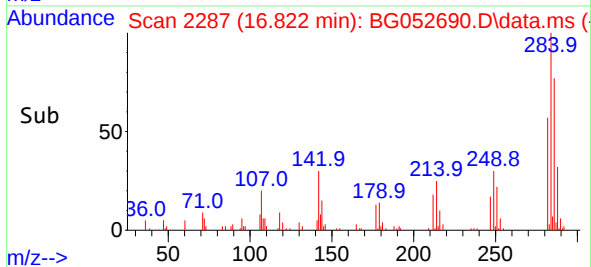
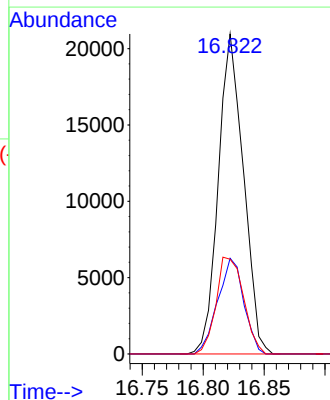
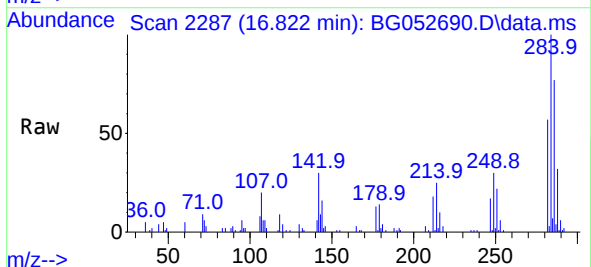


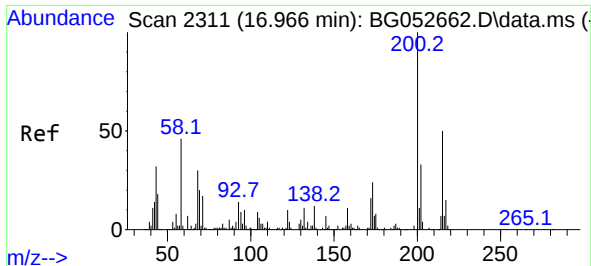
Tgt Ion:248 Resp: 24918  
Ion Ratio Lower Upper  
248 100  
250 95.4 77.9 116.9  
141 62.3 49.2 73.8



#68  
Hexachlorobenzene  
Concen: 7.007 ng  
RT: 16.822 min Scan# 2287  
Delta R.T. -0.003 min  
Lab File: BG052690.D  
Acq: 17 Mar 2022 13:29

Tgt Ion:284 Resp: 30040  
Ion Ratio Lower Upper  
284 100  
142 29.9 21.0 31.4  
249 29.6 22.7 34.1

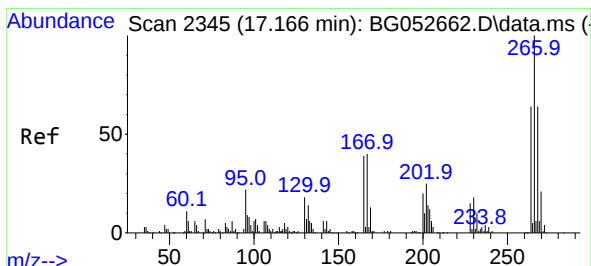
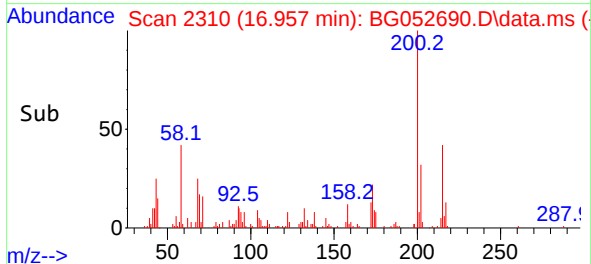
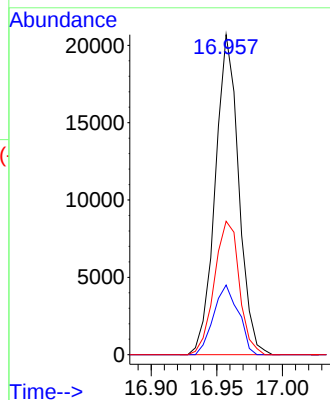
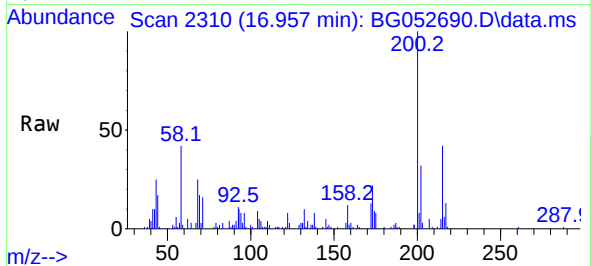




#69  
Atrazine  
Concen: 7.474 ng  
RT: 16.957 min Scan# 21  
Delta R.T. -0.009 min  
Lab File: BG052690.D  
Acq: 17 Mar 2022 13:29

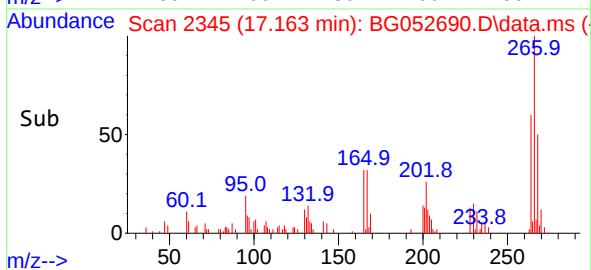
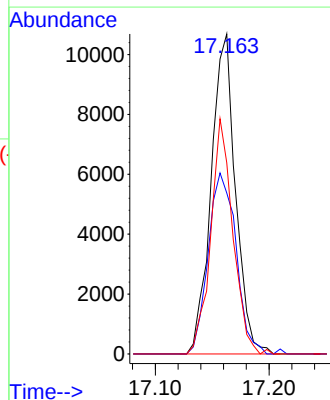
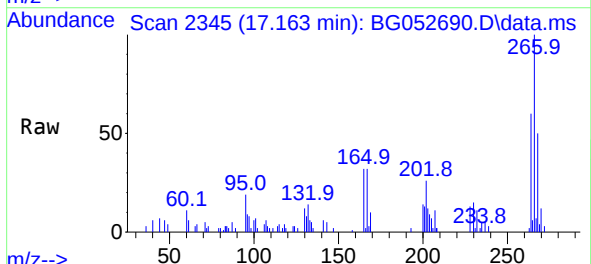
Instrument :  
BNA\_G  
ClientSampleId :  
MDL-WATER-03-QT1-2022

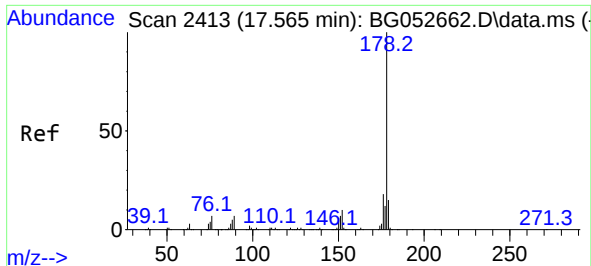
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 200   | Resp: | 25669 |
| Ion Ratio | Lower | Upper |       |
| 200       | 100   |       |       |
| 173       | 21.7  | 3.8   | 43.8  |
| 215       | 41.7  | 26.3  | 66.3  |



#70  
Pentachlorophenol  
Concen: 5.984 ng  
RT: 17.163 min Scan# 2345  
Delta R.T. -0.003 min  
Lab File: BG052690.D  
Acq: 17 Mar 2022 13:29

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 266   | Resp: | 15917 |
| Ion Ratio | Lower | Upper |       |
| 266       | 100   |       |       |
| 268       | 50.3  | 45.9  | 68.9  |
| 264       | 59.7  | 45.3  | 67.9  |

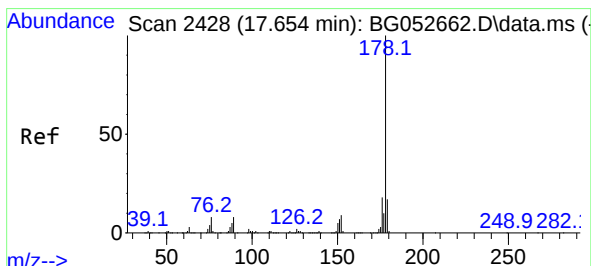
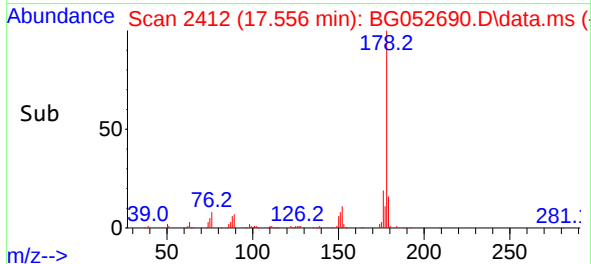
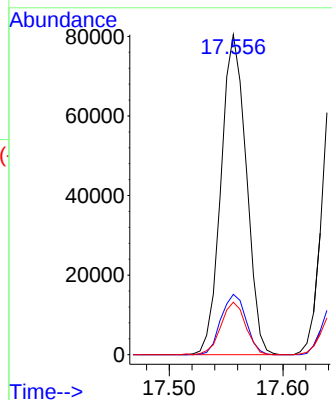
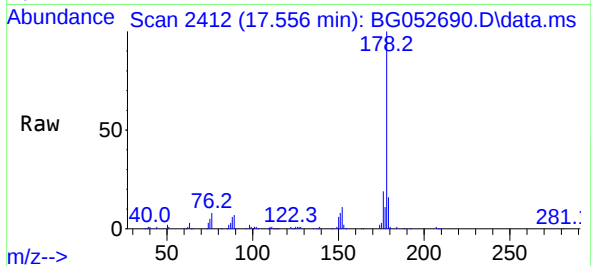




#71  
Phenanthrene  
Concen: 7.005 ng  
RT: 17.556 min Scan# 2413  
Delta R.T. -0.009 min  
Lab File: BG052690.D  
Acq: 17 Mar 2022 13:29

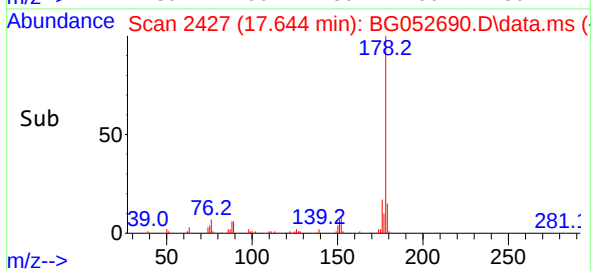
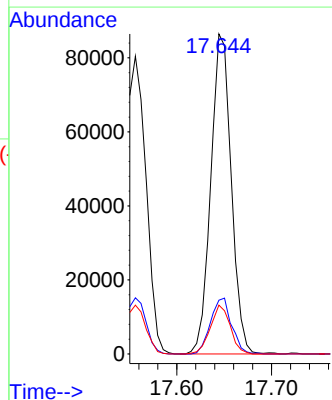
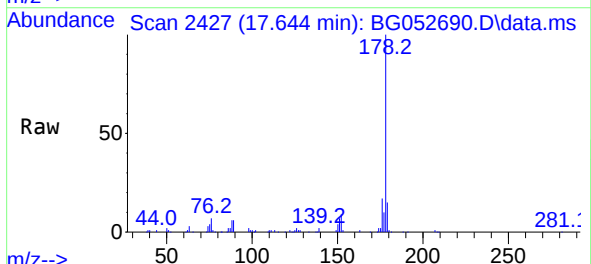
Instrument :  
BNA\_G  
ClientSampleId :  
MDL-WATER-03-QT1-2022

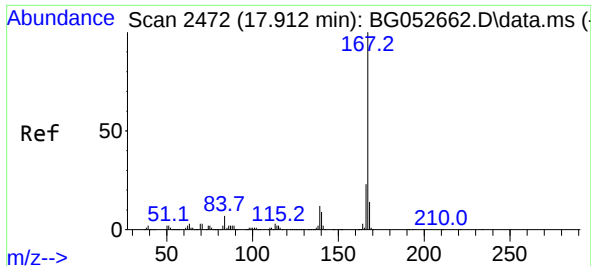
Tgt Ion:178 Resp: 123971  
Ion Ratio Lower Upper  
178 100  
176 18.9 15.9 23.9  
179 16.4 13.4 20.2



#72  
Anthracene  
Concen: 7.407 ng  
RT: 17.644 min Scan# 2427  
Delta R.T. -0.009 min  
Lab File: BG052690.D  
Acq: 17 Mar 2022 13:29

Tgt Ion:178 Resp: 129598  
Ion Ratio Lower Upper  
178 100  
176 16.8 14.7 22.1  
179 15.2 13.2 19.8

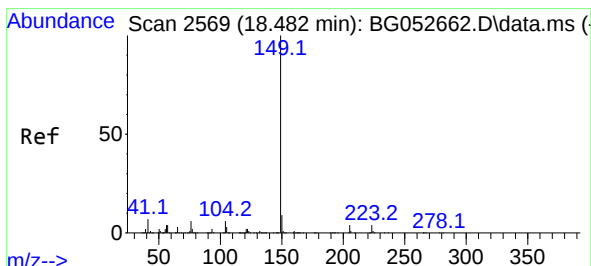
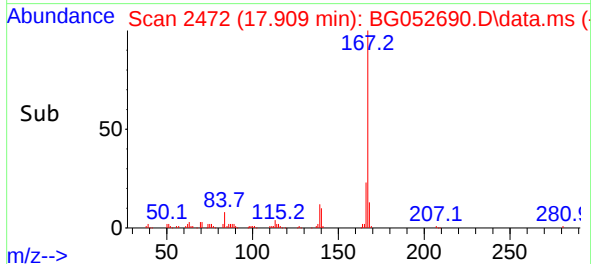
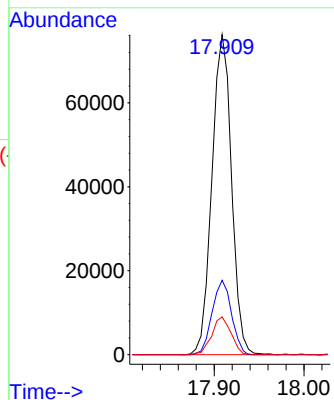
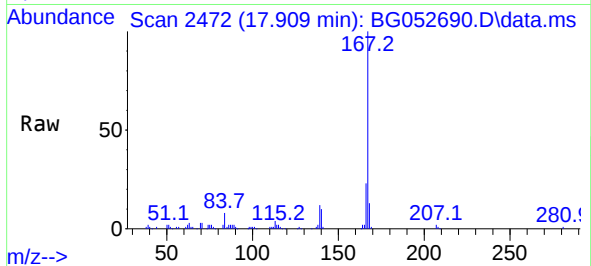




#73  
 Carbazole  
 Concen: 6.658 ng  
 RT: 17.909 min Scan# 2472  
 Delta R.T. -0.003 min  
 Lab File: BG052690.D  
 Acq: 17 Mar 2022 13:29

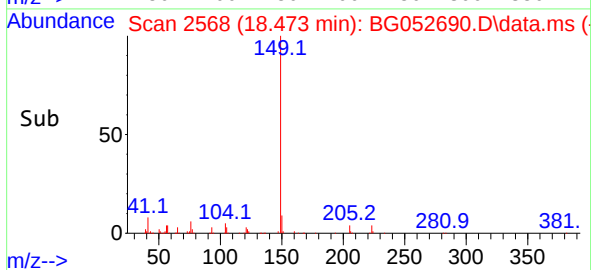
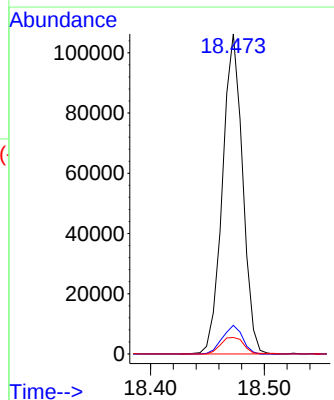
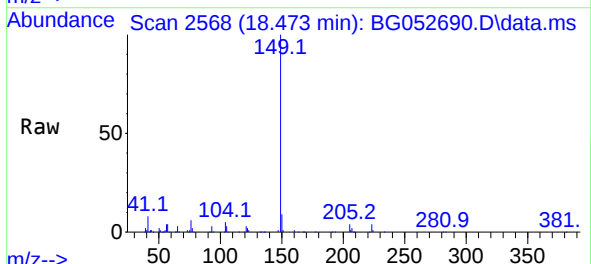
Instrument : BNA\_G  
 ClientSampleId : MDL-WATER-03-QT1-2022

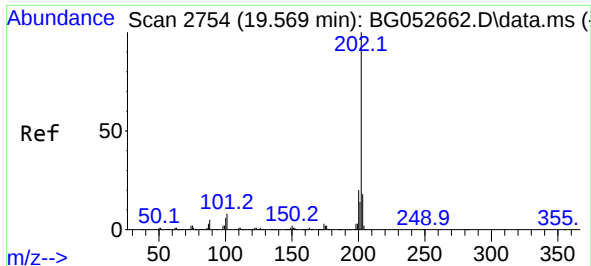
|             |       |        |       |
|-------------|-------|--------|-------|
| Tgt Ion:167 | Resp: | 115364 |       |
| Ion         | Ratio | Lower  | Upper |
| 167         | 100   |        |       |
| 166         | 23.3  | 18.5   | 27.7  |
| 139         | 11.8  | 10.0   | 15.0  |



#74  
 Di-n-butylphthalate  
 Concen: 6.901 ng  
 RT: 18.473 min Scan# 2568  
 Delta R.T. -0.009 min  
 Lab File: BG052690.D  
 Acq: 17 Mar 2022 13:29

|             |       |        |       |
|-------------|-------|--------|-------|
| Tgt Ion:149 | Resp: | 130637 |       |
| Ion         | Ratio | Lower  | Upper |
| 149         | 100   |        |       |
| 150         | 9.0   | 7.0    | 10.6  |
| 104         | 5.1   | 4.6    | 7.0   |

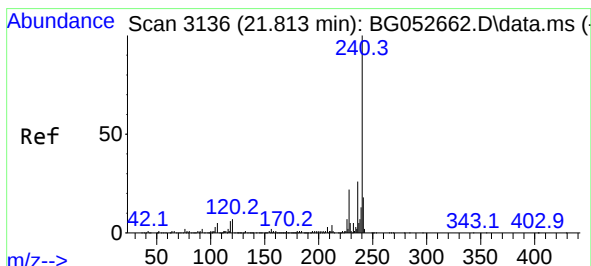
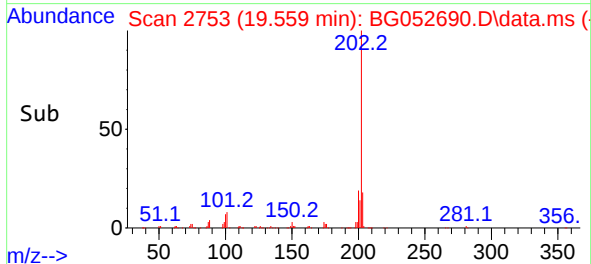
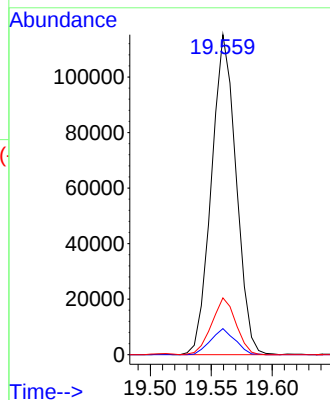
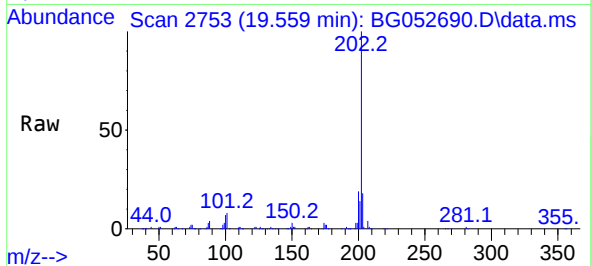




#75  
Fluoranthene  
Concen: 7.240 ng  
RT: 19.559 min Scan# 21  
Delta R.T. -0.009 min  
Lab File: BG052690.D  
Acq: 17 Mar 2022 13:29

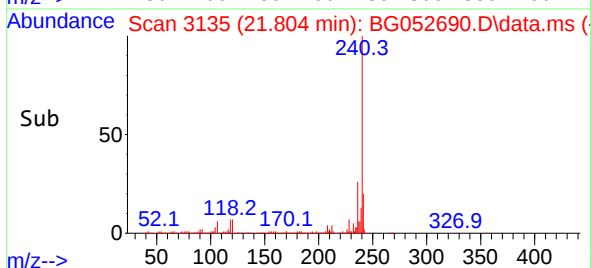
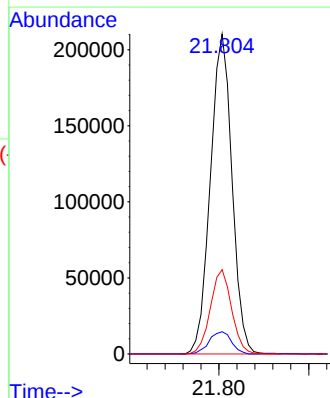
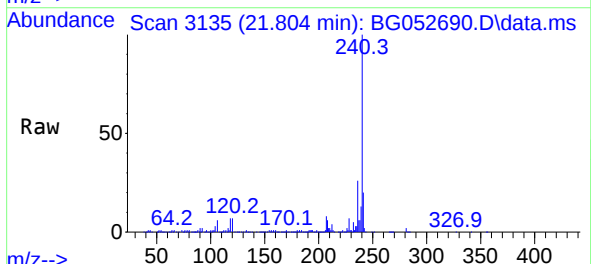
Instrument :  
BNA\_G  
ClientSampleId :  
MDL-WATER-03-QT1-2022

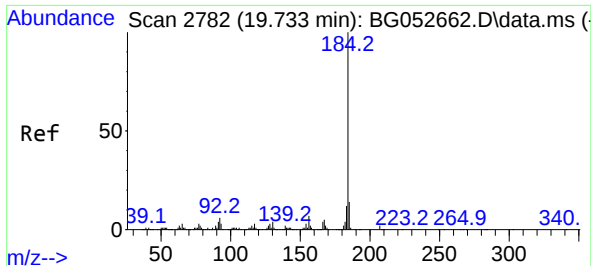
Tgt Ion:202 Resp: 162649  
Ion Ratio Lower Upper  
202 100  
101 8.1 0.0 27.3  
203 17.7 0.0 37.7



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.804 min Scan# 3135  
Delta R.T. -0.009 min  
Lab File: BG052690.D  
Acq: 17 Mar 2022 13:29

Tgt Ion:240 Resp: 351079  
Ion Ratio Lower Upper  
240 100  
120 7.0 5.4 8.0  
236 26.4 19.8 29.6

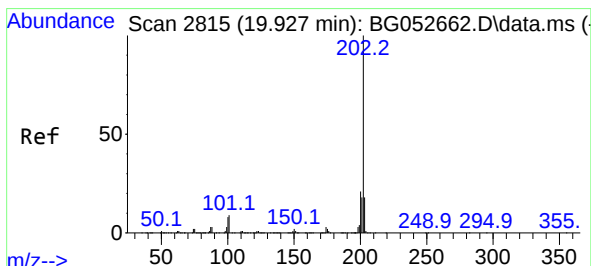
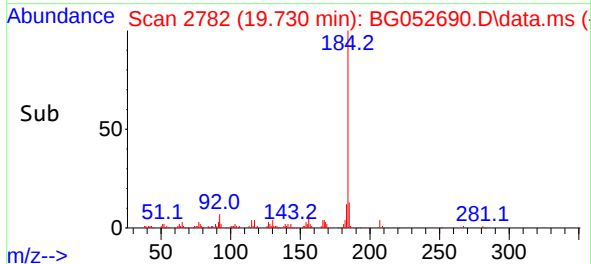
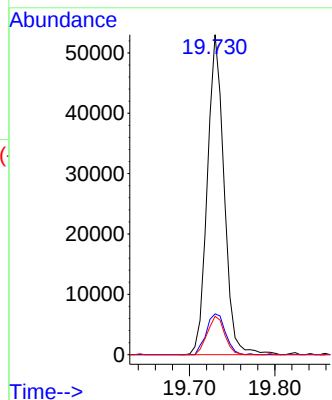
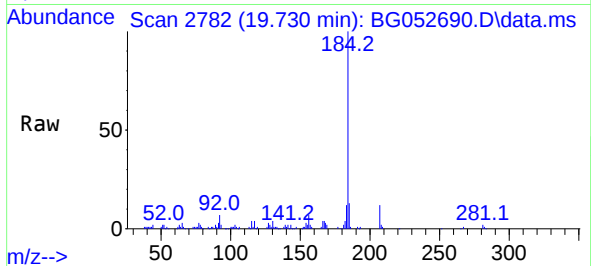




#77  
Benzidine  
Concen: 7.993 ng  
RT: 19.730 min Scan# 21  
Delta R.T. -0.003 min  
Lab File: BG052690.D  
Acq: 17 Mar 2022 13:29

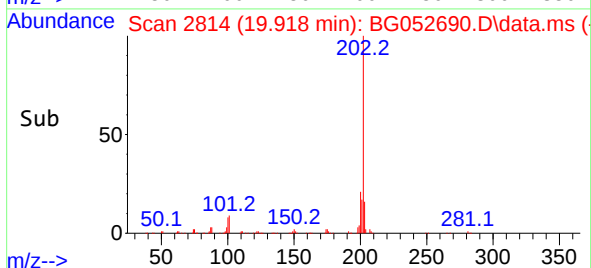
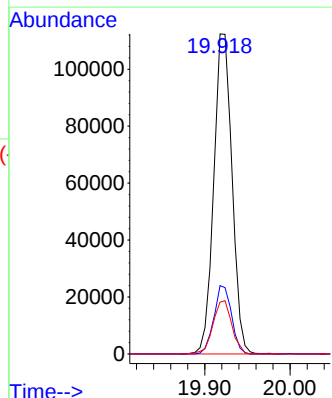
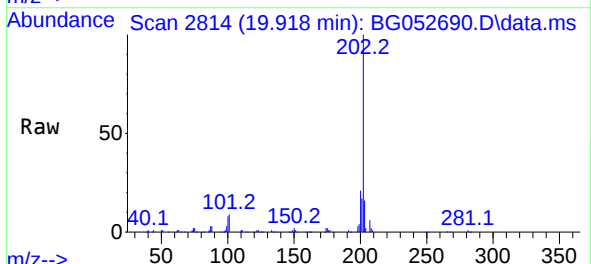
Instrument :  
BNA\_G  
ClientSampleId :  
MDL-WATER-03-QT1-2022

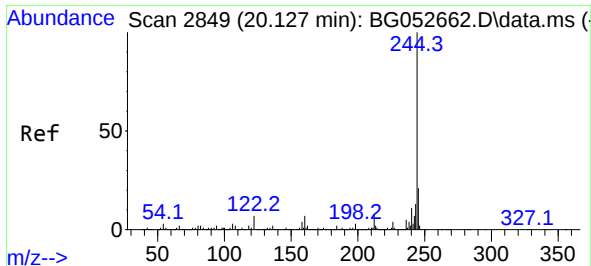
Tgt Ion:184 Resp: 72380  
Ion Ratio Lower Upper  
184 100  
185 12.8 11.5 17.3  
183 12.0 9.4 14.2



#78  
Pyrene  
Concen: 6.866 ng  
RT: 19.918 min Scan# 2814  
Delta R.T. -0.009 min  
Lab File: BG052690.D  
Acq: 17 Mar 2022 13:29

Tgt Ion:202 Resp: 167203  
Ion Ratio Lower Upper  
202 100  
200 21.3 17.0 25.6  
203 16.2 15.0 22.6

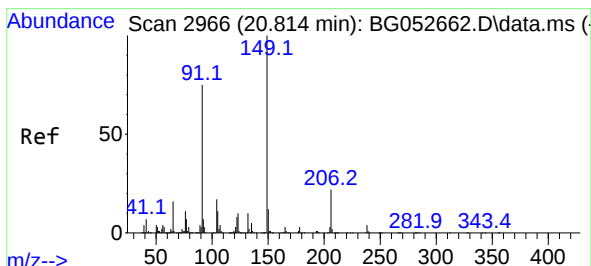
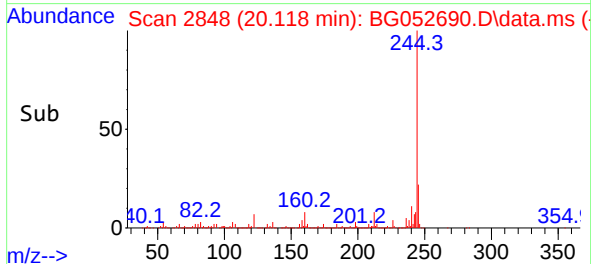
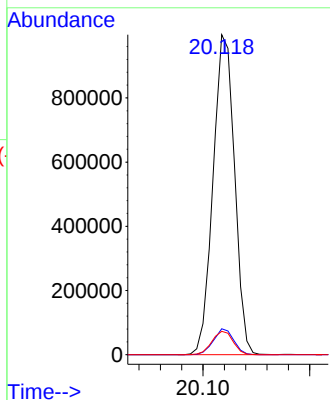
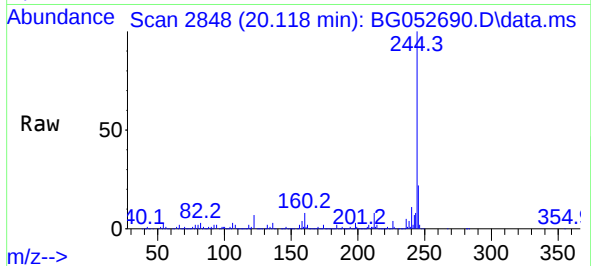




#79  
 Terphenyl-d14  
 Concen: 70.706 ng  
 RT: 20.118 min Scan# 21  
 Delta R.T. -0.009 min  
 Lab File: BG052690.D  
 Acq: 17 Mar 2022 13:29

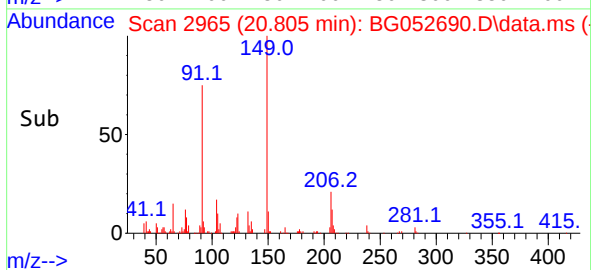
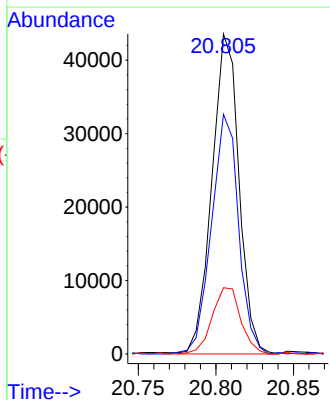
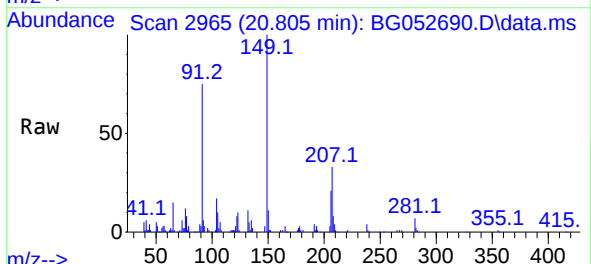
Instrument :  
 BNA\_G  
 ClientSampleId :  
 MDL-WATER-03-QT1-2022

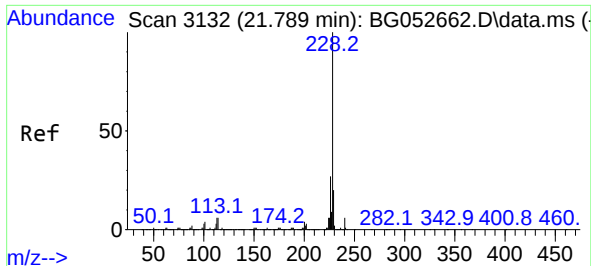
Tgt Ion:244 Resp: 1395473  
 Ion Ratio Lower Upper  
 244 100  
 212 8.1 5.4 8.2  
 122 7.3 5.8 8.6



#80  
 Butylbenzylphthalate  
 Concen: 6.122 ng  
 RT: 20.805 min Scan# 2965  
 Delta R.T. -0.009 min  
 Lab File: BG052690.D  
 Acq: 17 Mar 2022 13:29

Tgt Ion:149 Resp: 52888  
 Ion Ratio Lower Upper  
 149 100  
 91 74.9 60.2 90.4  
 206 20.7 19.4 29.2

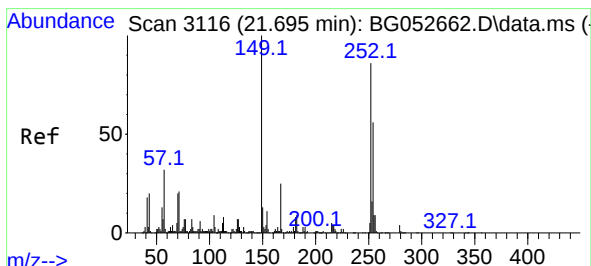
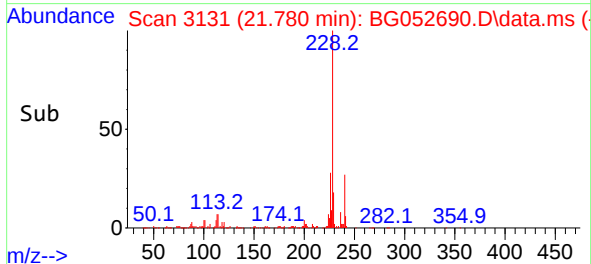
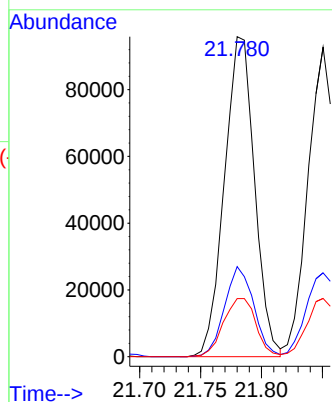
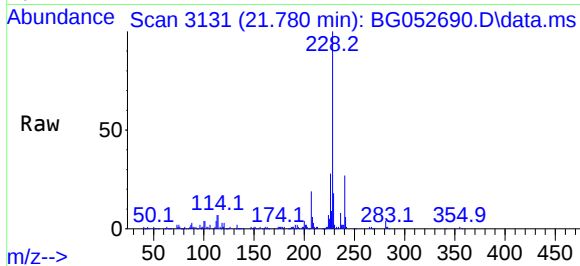




#81  
Benzo(a)anthracene  
Concen: 7.027 ng  
RT: 21.780 min Scan# 3132  
Delta R.T. -0.009 min  
Lab File: BG052690.D  
Acq: 17 Mar 2022 13:29

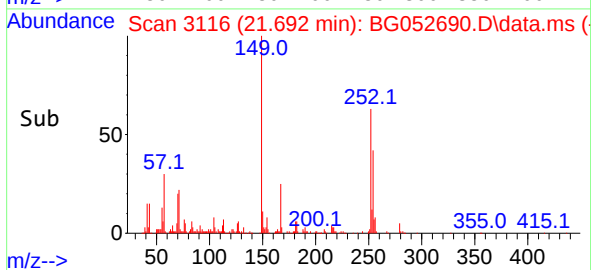
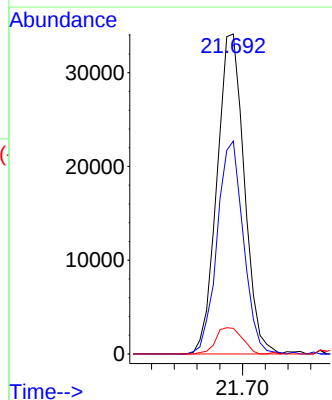
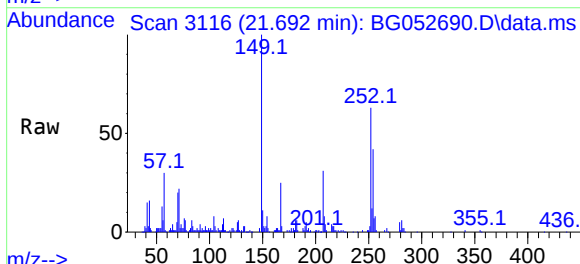
Instrument :  
BNA\_G  
ClientSampleId :  
MDL-WATER-03-QT1-2022

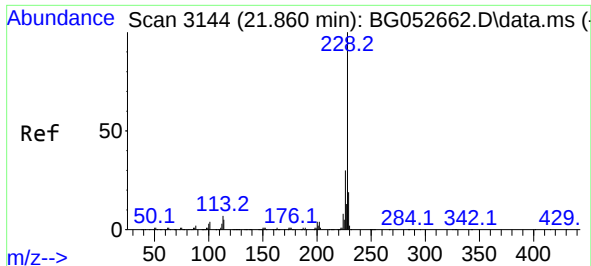
Tgt Ion:228 Resp: 165203  
Ion Ratio Lower Upper  
228 100  
226 28.2 21.4 32.0  
229 18.2 16.7 25.1



#82  
3,3'-Dichlorobenzidine  
Concen: 6.847 ng  
RT: 21.692 min Scan# 3116  
Delta R.T. -0.003 min  
Lab File: BG052690.D  
Acq: 17 Mar 2022 13:29

Tgt Ion:252 Resp: 56842  
Ion Ratio Lower Upper  
252 100  
254 66.5 51.2 76.8  
126 8.0 5.8 8.8

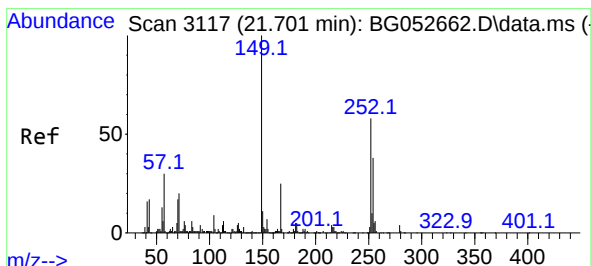
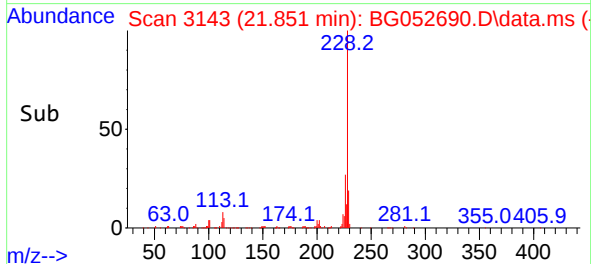
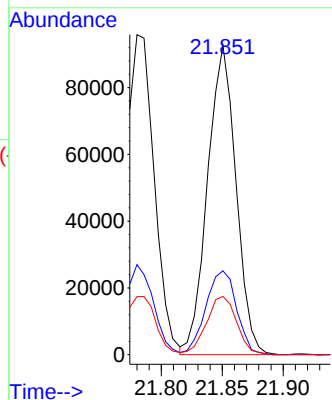
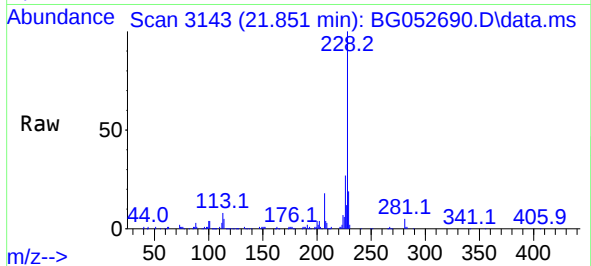




#83  
Chrysene  
Concen: 6.811 ng  
RT: 21.851 min Scan# 3143  
Delta R.T. -0.009 min  
Lab File: BG052690.D  
Acq: 17 Mar 2022 13:29

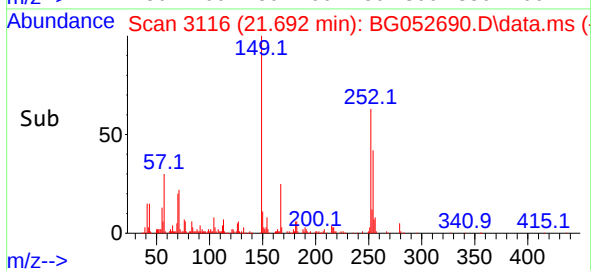
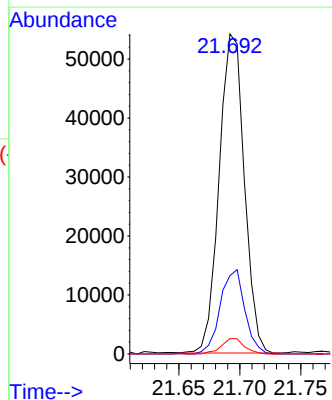
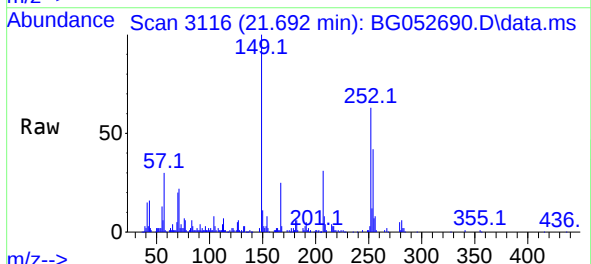
Instrument :  
BNA\_G  
ClientSampleId :  
MDL-WATER-03-QT1-2022

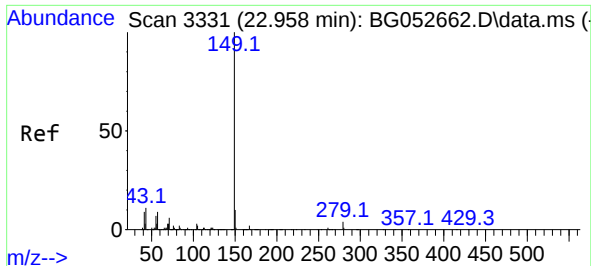
Tgt Ion:228 Resp: 150539  
Ion Ratio Lower Upper  
228 100  
226 27.1 24.2 36.4  
229 18.8 16.3 24.5



#84  
Bis(2-ethylhexyl)phthalate  
Concen: 6.606 ng  
RT: 21.692 min Scan# 3116  
Delta R.T. -0.009 min  
Lab File: BG052690.D  
Acq: 17 Mar 2022 13:29

Tgt Ion:149 Resp: 77610  
Ion Ratio Lower Upper  
149 100  
167 24.5 21.4 32.2  
279 4.8 3.8 5.8

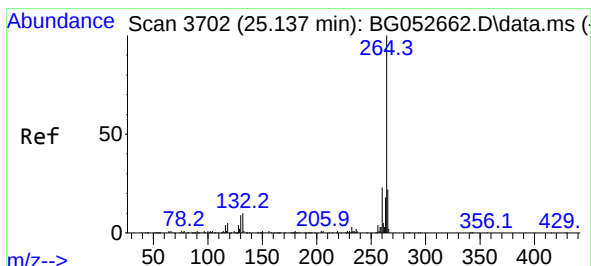
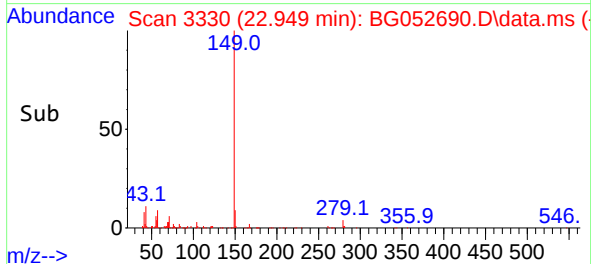
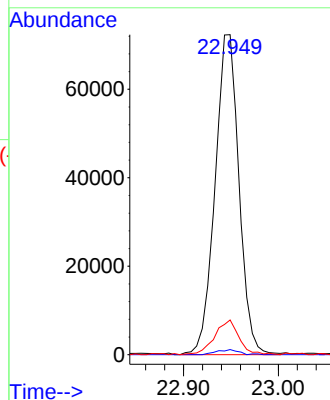
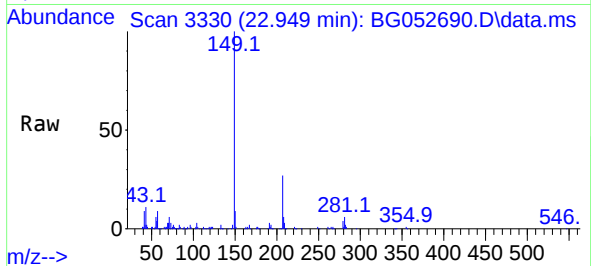




#85  
Di-n-octyl phthalate  
Concen: 6.501 ng  
RT: 22.949 min Scan# 31  
Delta R.T. -0.009 min  
Lab File: BG052690.D  
Acq: 17 Mar 2022 13:29

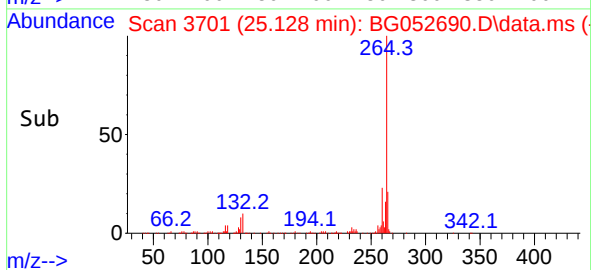
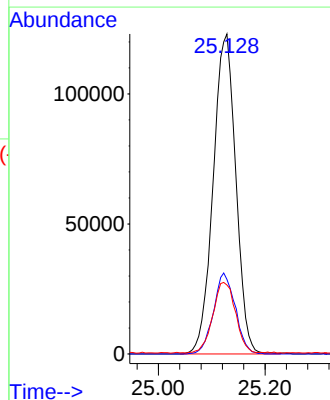
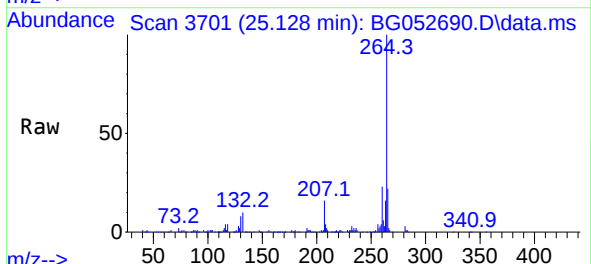
Instrument :  
BNA\_G  
ClientSampleId :  
MDL-WATER-03-QT1-2022

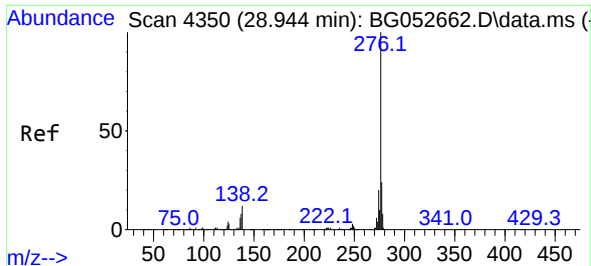
Tgt Ion:149 Resp: 127137  
Ion Ratio Lower Upper  
149 100  
167 1.5 1.2 1.8  
43 11.1 7.6 11.4



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 25.128 min Scan# 3701  
Delta R.T. -0.009 min  
Lab File: BG052690.D  
Acq: 17 Mar 2022 13:29

Tgt Ion:264 Resp: 362662  
Ion Ratio Lower Upper  
264 100  
260 23.3 18.2 27.2  
265 21.6 15.1 22.7

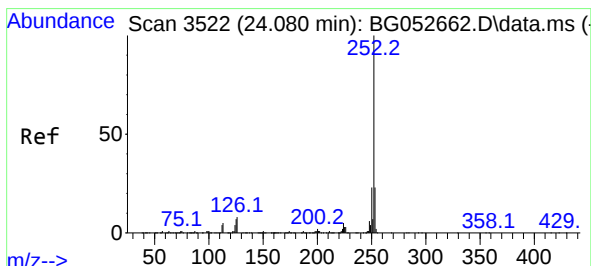
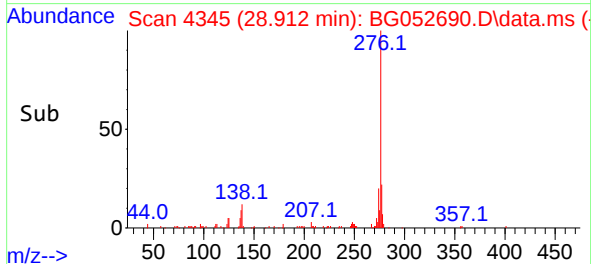
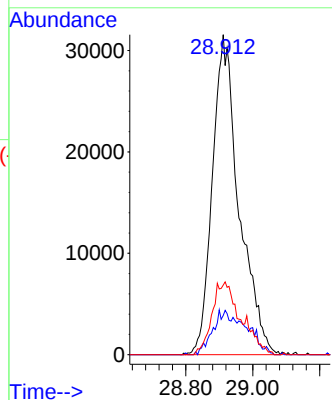
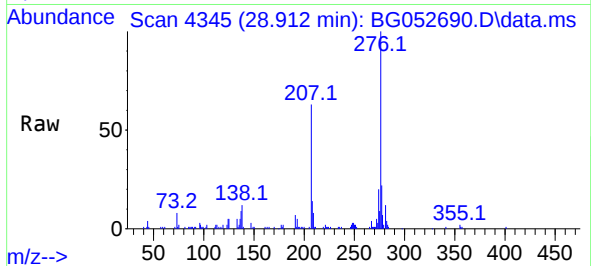




#87  
Indeno(1,2,3-cd)pyrene  
Concen: 7.014 ng  
RT: 28.912 min Scan# 41  
Delta R.T. -0.033 min  
Lab File: BG052690.D  
Acq: 17 Mar 2022 13:29

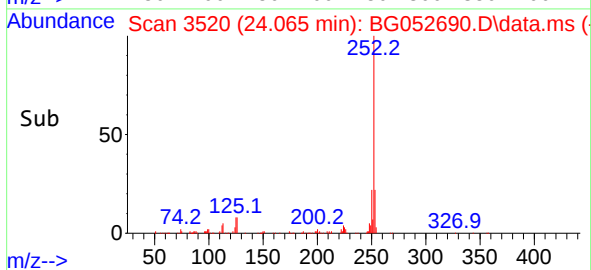
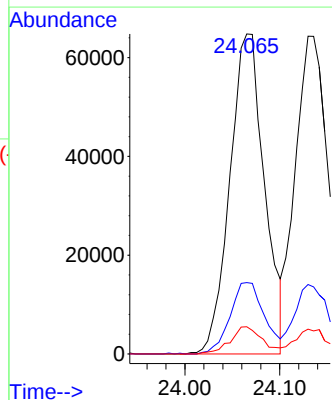
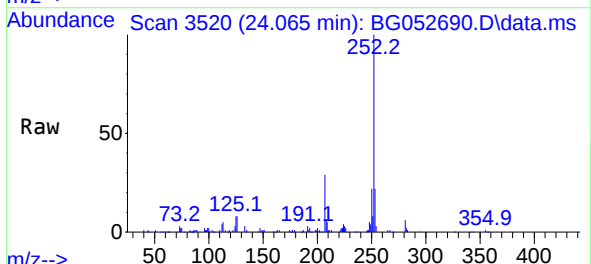
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BNA\_G  
ClientSampleId :  
MDL-WATER-03-QT1-2022

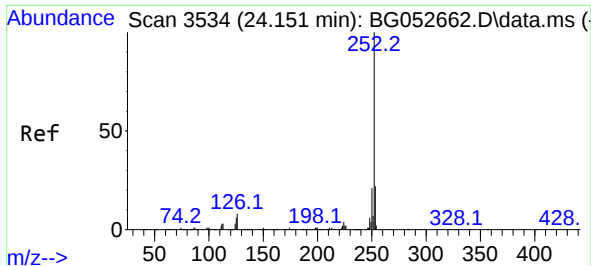
Tgt Ion:276 Resp: 174108  
Ion Ratio Lower Upper  
276 100  
138 5.1 8.7 13.1#  
277 20.3 20.2 30.4



#88  
Benzo(b)fluoranthene  
Concen: 7.291 ng  
RT: 24.065 min Scan# 3520  
Delta R.T. -0.015 min  
Lab File: BG052690.D  
Acq: 17 Mar 2022 13:29

Tgt Ion:252 Resp: 164171  
Ion Ratio Lower Upper  
252 100  
253 22.3 17.2 25.8  
125 8.5 5.2 7.8#





#89

Benzo(k)fluoranthene

Concen: 7.087 ng

RT: 24.130 min Scan# 3

Delta R.T. -0.021 min

Lab File: BG052690.D

Acq: 17 Mar 2022 13:29

Instrument :

BNA\_G

ClientSampleId :

MDL-WATER-03-QT1-2022

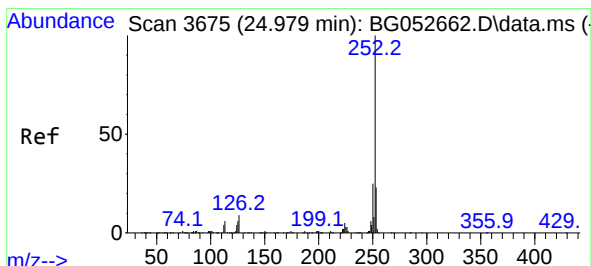
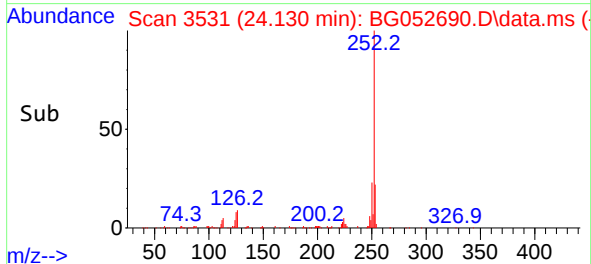
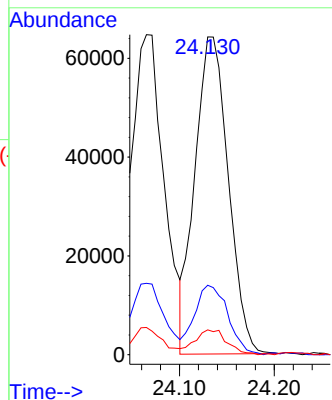
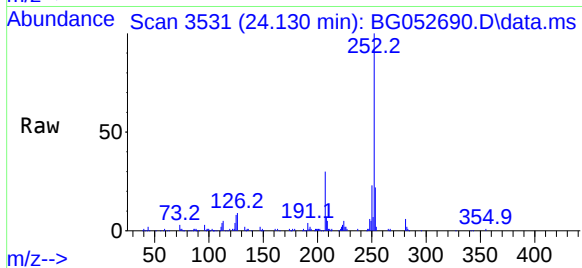
Tgt Ion:252 Resp: 157006

Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.0

125 7.8 5.0 7.4#



#90

Benzo(a)pyrene

Concen: 8.243 ng

RT: 24.964 min Scan# 3673

Delta R.T. -0.015 min

Lab File: BG052690.D

Acq: 17 Mar 2022 13:29

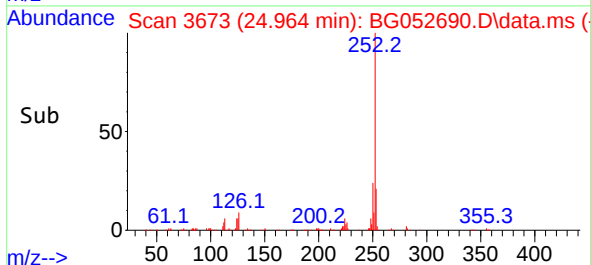
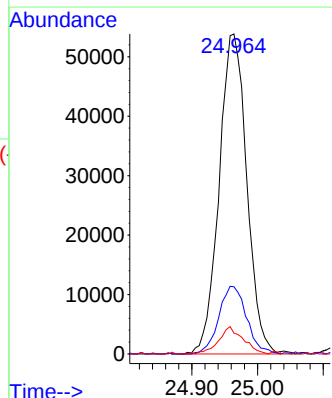
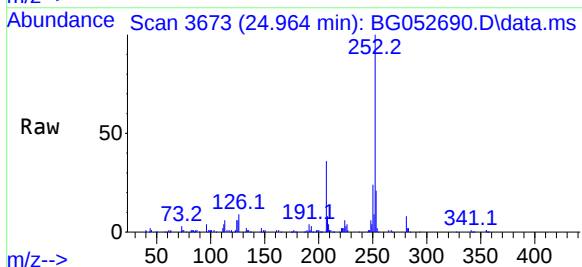
Tgt Ion:252 Resp: 157113

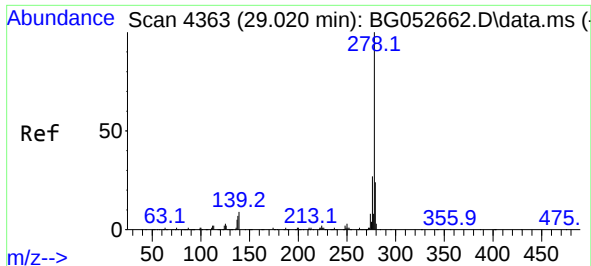
Ion Ratio Lower Upper

252 100

253 21.0 18.4 27.6

125 6.5 5.6 8.4

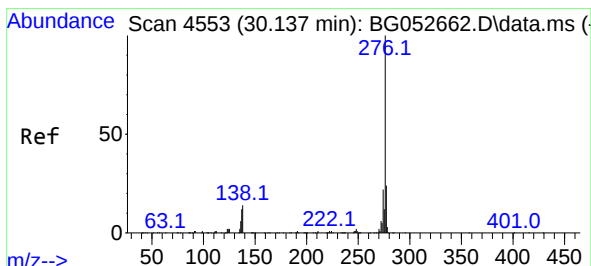
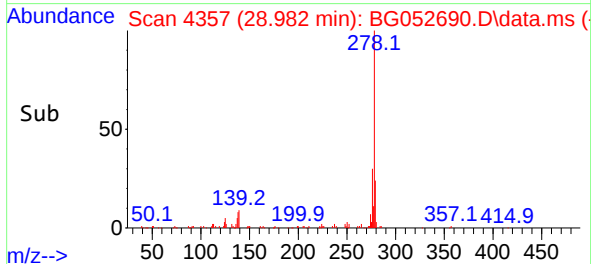
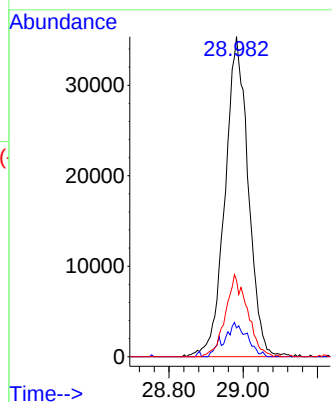
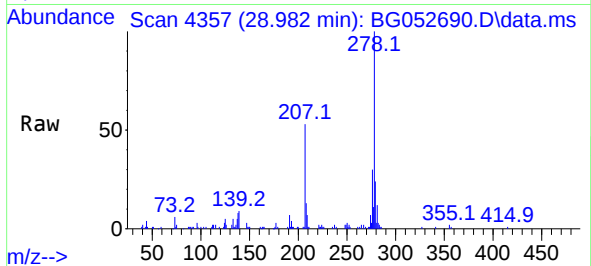




#91  
Dibenzo(a,h)anthracene  
Concen: 7.499 ng  
RT: 28.982 min Scan# 41  
Delta R.T. -0.038 min  
Lab File: BG052690.D  
Acq: 17 Mar 2022 13:29

Instrument :  
BNA\_G  
ClientSampleId :  
MDL-WATER-03-QT1-2022

Tgt Ion:278 Resp: 153381  
Ion Ratio Lower Upper  
278 100  
139 9.0 7.8 11.6  
279 23.9 18.5 27.7



#92  
Benzo(g,h,i)perylene  
Concen: 7.463 ng  
RT: 30.098 min Scan# 4547  
Delta R.T. -0.038 min  
Lab File: BG052690.D  
Acq: 17 Mar 2022 13:29

Tgt Ion:276 Resp: 151046  
Ion Ratio Lower Upper  
276 100  
277 24.4 18.2 27.2  
138 14.4 9.1 13.7#

