

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG062922\  
 Data File : BG054159.D  
 Acq On : 30 Jun 2022 00:13  
 Operator : CG/JU  
 Sample : N3516-01MS  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 R-1MS

Quant Time: Jun 30 05:32:53 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG061322.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jun 27 00:27:54 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.068  | 152  | 21996    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.876 | 136  | 89226    | 20.000  | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 14.695 | 164  | 68518    | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.439 | 188  | 173742   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 21.716 | 240  | 187113   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 24.971 | 264  | 197059   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.635  | 112  | 156163   | 135.738 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.233  | 99   | 211593   | 135.576 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.231  | 82   | 138944   | 87.509  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.182 | 330  | 152517   | 138.543 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.320 | 172  | 368118   | 78.124  | ng    | 0.00     |
| 79) Terphenyl-d14             | 20.048 | 244  | 717837   | 77.268  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.520  | 88   | 18671    | 37.125  | ng    | 93       |
| 3) Pyridine                   | 3.920  | 79   | 51086    | 38.066  | ng    | 91       |
| 4) n-Nitrosodimethylamine     | 3.832  | 42   | 31247    | 52.932  | ng    | # 95     |
| 6) Aniline                    | 7.392  | 93   | 60113    | 32.487  | ng    | 96       |
| 8) 2-Chlorophenol             | 7.633  | 128  | 67811    | 55.202  | ng    | 93       |
| 9) Benzaldehyde               | 7.198  | 77   | 42190    | 45.804  | ng    | # 77     |
| 10) Phenol                    | 7.257  | 94   | 84068    | 53.151  | ng    | 98       |
| 11) bis(2-Chloroethyl)ether   | 7.480  | 93   | 59606    | 49.098  | ng    | 94       |
| 12) 1,3-Dichlorobenzene       | 7.956  | 146  | 75453    | 49.019  | ng    | 92       |
| 13) 1,4-Dichlorobenzene       | 8.103  | 146  | 76891    | 49.729  | ng    | 98       |
| 14) 1,2-Dichlorobenzene       | 8.420  | 146  | 73252    | 49.351  | ng    | 99       |
| 15) Benzyl Alcohol            | 8.303  | 79   | 63416    | 54.366  | ng    | 95       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.597  | 45   | 89480    | 49.305  | ng    | 98       |
| 17) 2-Methylphenol            | 8.514  | 107  | 58853    | 53.563  | ng    | 94       |
| 18) Hexachloroethane          | 9.155  | 117  | 26255    | 51.186  | ng    | # 78     |
| 19) n-Nitroso-di-n-propyla... | 8.873  | 70   | 50872    | 48.518  | ng    | 95       |
| 20) 3+4-Methylphenols         | 8.837  | 107  | 78544    | 50.973  | ng    | 94       |
| 22) Acetophenone              | 8.890  | 105  | 100564   | 46.367  | ng    | # 95     |
| 24) Nitrobenzene              | 9.272  | 77   | 76058    | 48.645  | ng    | # 87     |
| 25) Isophorone                | 9.795  | 82   | 141042   | 47.564  | ng    | # 94     |
| 26) 2-Nitrophenol             | 9.983  | 139  | 38611    | 55.910  | ng    | 85       |
| 27) 2,4-Dimethylphenol        | 10.042 | 122  | 64895    | 58.058  | ng    | 89       |
| 28) bis(2-Chloroethoxy)met... | 10.271 | 93   | 80910    | 50.649  | ng    | 97       |
| 29) 2,4-Dichlorophenol        | 10.524 | 162  | 78898    | 52.646  | ng    | 91       |
| 30) 1,2,4-Trichlorobenzene    | 10.741 | 180  | 86202    | 46.453  | ng    | 95       |
| 31) Naphthalene               | 10.929 | 128  | 208323   | 46.249  | ng    | 99       |
| 32) Benzoic acid              | 10.201 | 122  | 33115    | 63.299  | ng    | # 89     |
| 33) 4-Chloroaniline           | 11.035 | 127  | 36285    | 19.418  | ng    | # 91     |
| 34) Hexachlorobutadiene       | 11.217 | 225  | 67543    | 47.343  | ng    | 100      |
| 35) Caprolactam               | 11.799 | 113  | 14424    | 34.961  | ng    | 89       |
| 36) 4-Chloro-3-methylphenol   | 12.157 | 107  | 76804    | 52.719  | ng    | # 84     |
| 37) 2-Methylnaphthalene       | 12.527 | 142  | 157538   | 47.272  | ng    | 97       |
| 38) 1-Methylnaphthalene       | 12.745 | 142  | 147852   | 45.563  | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 12.897 | 216  | 127156   | 48.162  | ng    | 95       |
| 41) Hexachlorocyclopentadiene | 12.880 | 237  | 118160   | 96.114  | ng    | 97       |
| 43) 2,4,6-Trichlorophenol     | 13.132 | 196  | 76734    | 51.741  | ng    | 96       |

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 ALS Vial : 14 Sample Multiplier: 1

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 ClientSampleId :  
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 QLast Update : Mon Jun 27 00:27:54 2022  
 Response via : Initial Calibration

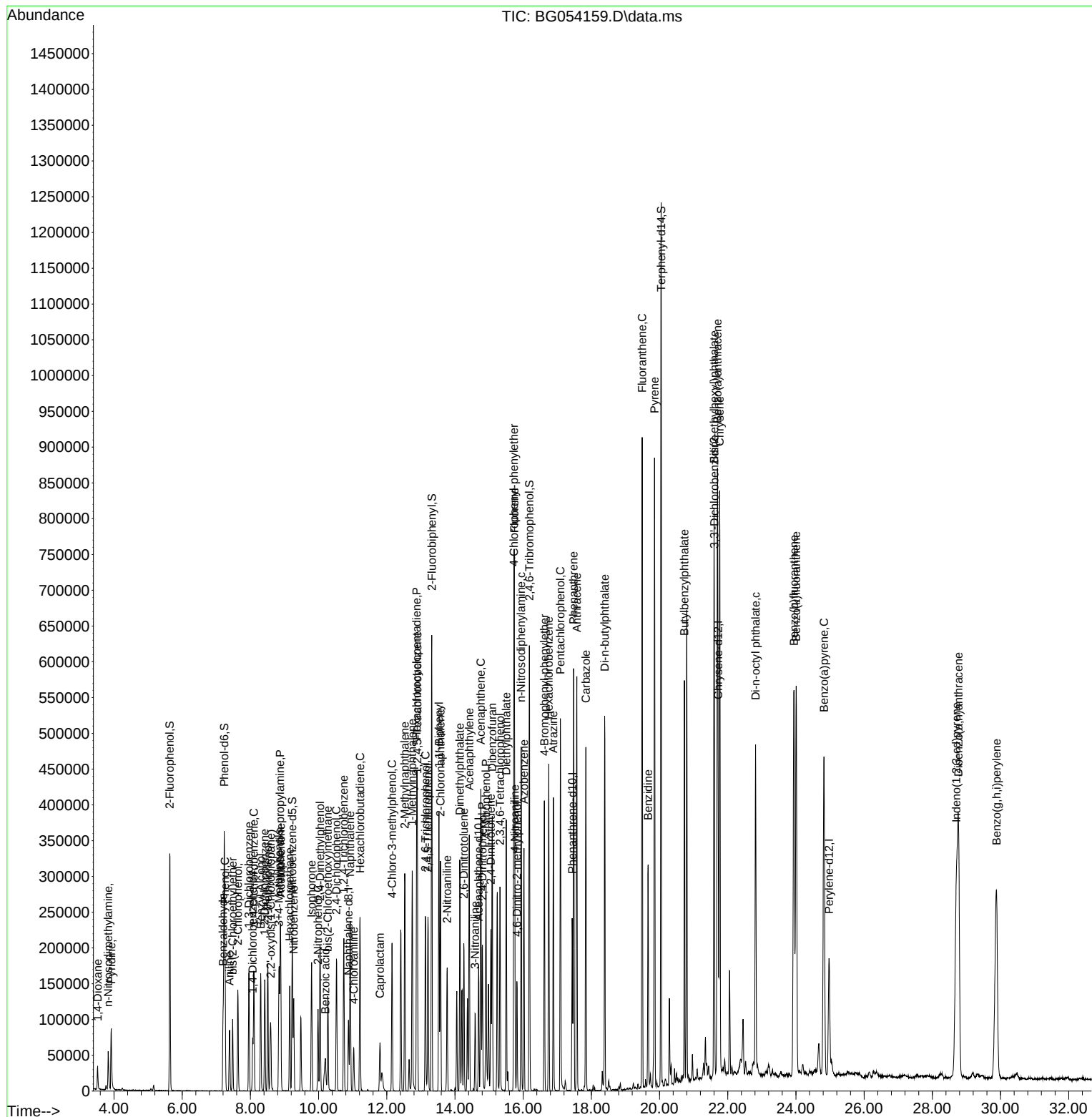
| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 13.209 | 196  | 83233    | 50.264  | ng    | # 94     |
| 46) 1,1'-Biphenyl             | 13.532 | 154  | 224317   | 47.000  | ng    | 99       |
| 47) 2-Chloronaphthalene       | 13.573 | 162  | 184446   | 47.753  | ng    | 96       |
| 48) 2-Nitroaniline            | 13.773 | 65   | 53328    | 51.903  | ng    | 92       |
| 49) Acenaphthylene            | 14.419 | 152  | 279899   | 46.602  | ng    | 100      |
| 50) Dimethylphthalate         | 14.143 | 163  | 237871   | 45.585  | ng    | 98       |
| 51) 2,6-Dinitrotoluene        | 14.260 | 165  | 53831    | 51.059  | ng    | # 79     |
| 52) Acenaphthene              | 14.760 | 154  | 172018   | 44.931  | ng    | 99       |
| 53) 3-Nitroaniline            | 14.590 | 138  | 30565    | 29.924  | ng    | 84       |
| 54) 2,4-Dinitrophenol         | 14.807 | 184  | 59446    | 100.230 | ng    | # 75     |
| 55) Dibenzofuran              | 15.095 | 168  | 289730   | 46.970  | ng    | 94       |
| 56) 4-Nitrophenol             | 14.913 | 139  | 78302    | 107.977 | ng    | 87       |
| 57) 2,4-Dinitrotoluene        | 15.054 | 165  | 77163    | 51.823  | ng    | # 86     |
| 58) Fluorene                  | 15.741 | 166  | 237951   | 46.983  | ng    | 94       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.324 | 232  | 79244    | 48.935  | ng    | # 91     |
| 60) Diethylphthalate          | 15.506 | 149  | 232999   | 46.107  | ng    | 95       |
| 61) 4-Chlorophenyl-phenyle... | 15.729 | 204  | 145972   | 48.143  | ng    | 89       |
| 62) 4-Nitroaniline            | 15.759 | 138  | 47254    | 44.362  | ng    | # 80     |
| 63) Azobenzene                | 16.023 | 77   | 192109   | 47.227  | ng    | 91       |
| 65) 4,6-Dinitro-2-methylph... | 15.817 | 198  | 45794    | 52.831  | ng    | 84       |
| 66) n-Nitrosodiphenylamine    | 15.941 | 169  | 215033   | 47.489  | ng    | 96       |
| 67) 4-Bromophenyl-phenylether | 16.622 | 248  | 105275   | 48.515  | ng    | 93       |
| 68) Hexachlorobenzene         | 16.752 | 284  | 117919   | 47.506  | ng    | # 93     |
| 69) Atrazine                  | 16.887 | 200  | 98066    | 52.281  | ng    | 94       |
| 70) Pentachlorophenol         | 17.092 | 266  | 123213   | 106.861 | ng    | 97       |
| 71) Phenanthrene              | 17.480 | 178  | 431875   | 48.382  | ng    | 97       |
| 72) Anthracene                | 17.574 | 178  | 418514   | 48.012  | ng    | 98       |
| 73) Carbazole                 | 17.839 | 167  | 357922   | 47.838  | ng    | 99       |
| 74) Di-n-butylphthalate       | 18.391 | 149  | 407011   | 47.049  | ng    | # 98     |
| 75) Fluoranthene              | 19.490 | 202  | 622874   | 53.156  | ng    | 96       |
| 77) Benzidine                 | 19.666 | 184  | 212002   | 54.711  | ng    | 98       |
| 78) Pyrene                    | 19.854 | 202  | 618475   | 54.727  | ng    | 97       |
| 80) Butylbenzylphthalate      | 20.729 | 149  | 181228   | 50.030  | ng    | 91       |
| 81) Benzo(a)anthracene        | 21.699 | 228  | 617815   | 50.995  | ng    | 98       |
| 82) 3,3'-Dichlorobenzidine    | 21.605 | 252  | 117739   | 32.528  | ng    | 95       |
| 83) Chrysene                  | 21.763 | 228  | 580338   | 50.253  | ng    | 97       |
| 84) Bis(2-ethylhexyl)phtha... | 21.599 | 149  | 259969   | 50.180  | ng    | # 94     |
| 85) Di-n-octyl phthalate      | 22.815 | 149  | 440181   | 49.434  | ng    | # 95     |
| 87) Indeno(1,2,3-cd)pyrene    | 28.708 | 276  | 724936   | 48.748  | ng    | # 96     |
| 88) Benzo(b)fluoranthene      | 23.943 | 252  | 654010   | 54.584  | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 24.008 | 252  | 602657   | 50.801  | ng    | 99       |
| 90) Benzo(a)pyrene            | 24.825 | 252  | 575700   | 56.947  | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 28.767 | 278  | 584019   | 47.492  | ng    | 99       |
| 92) Benzo(g,h,i)perylene      | 29.883 | 276  | 626616   | 51.634  | ng    | 97       |

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

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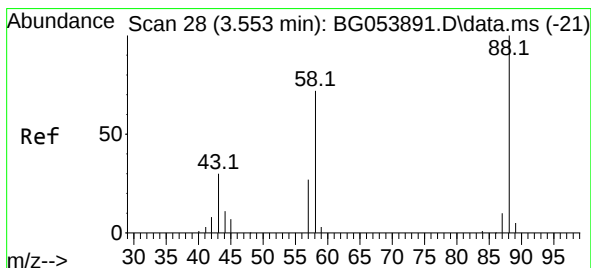
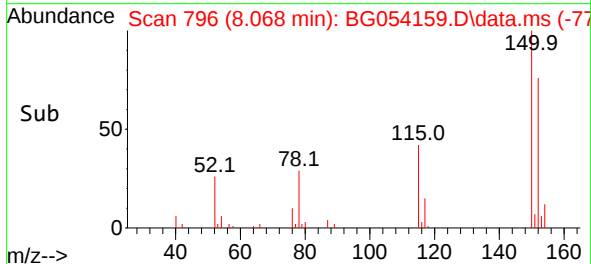
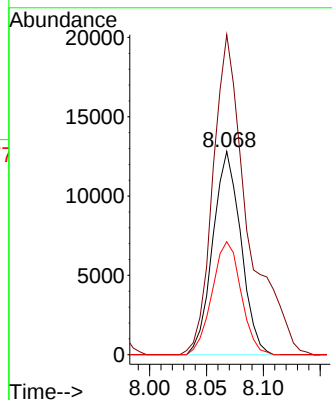
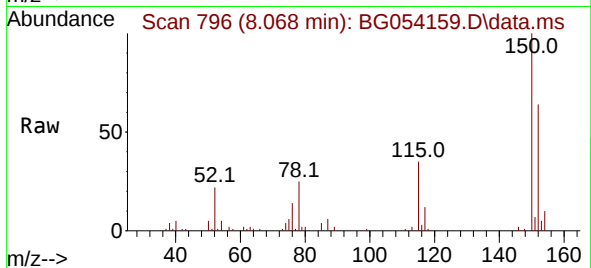




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 8.068 min Scan# 79  
 Delta R.T. -0.002 min  
 Lab File: BG054159.D  
 Acq: 30 Jun 2022 00:13

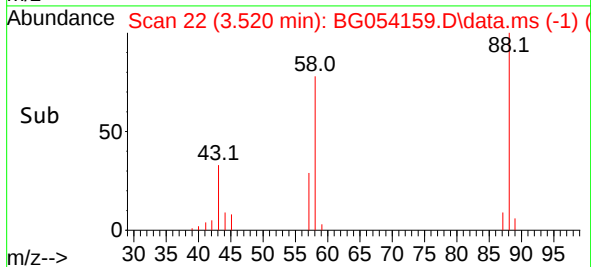
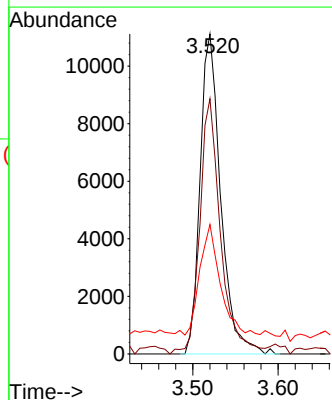
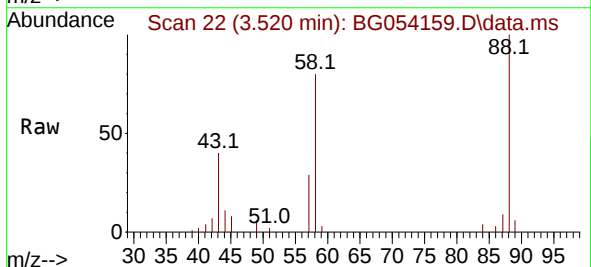
Instrument :  
 BNA\_G  
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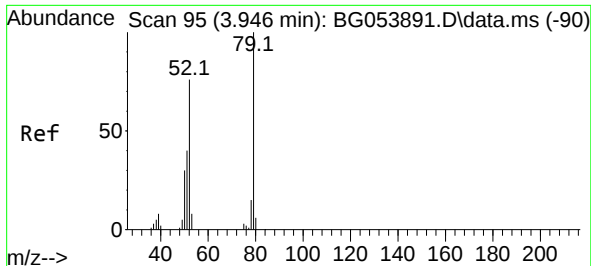
Tgt Ion:152 Resp: 21996  
 Ion Ratio Lower Upper  
 152 100  
 150 157.4 131.6 197.4  
 115 55.6 50.9 76.3



#2  
 1,4-Dioxane  
 Concen: 37.125 ng  
 RT: 3.520 min Scan# 22  
 Delta R.T. -0.009 min  
 Lab File: BG054159.D  
 Acq: 30 Jun 2022 00:13

Tgt Ion: 88 Resp: 18671  
 Ion Ratio Lower Upper  
 88 100  
 58 80.4 59.2 88.8  
 43 34.0 24.3 36.5

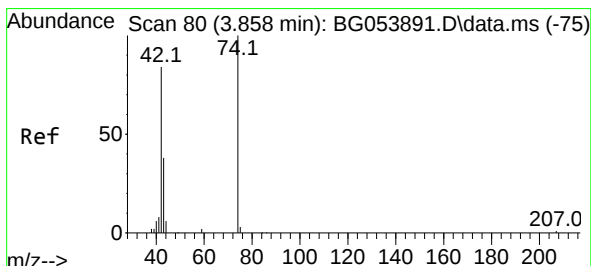
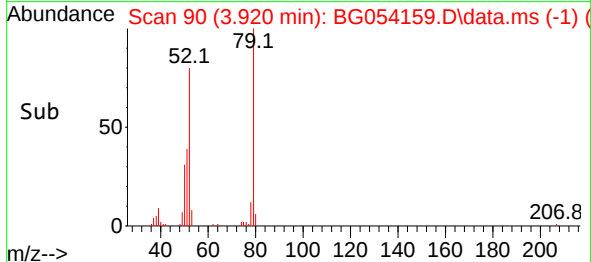
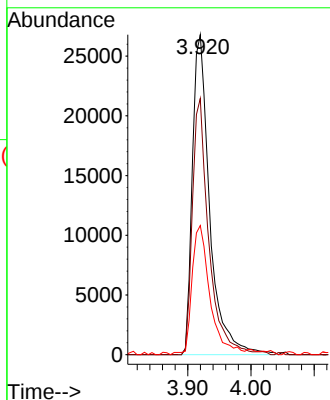
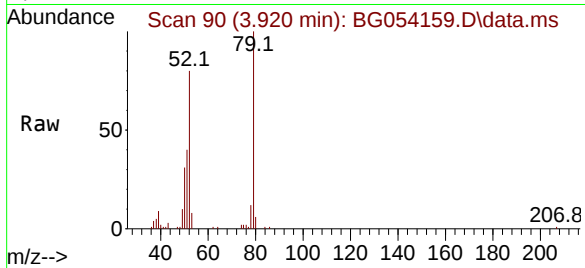




#3  
Pyridine  
Concen: 38.066 ng  
RT: 3.920 min Scan# 90  
Delta R.T. -0.009 min  
Lab File: BG054159.D  
Acq: 30 Jun 2022 00:13

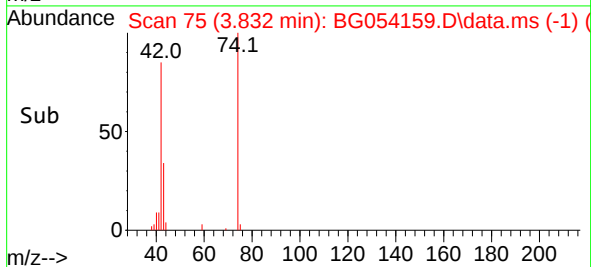
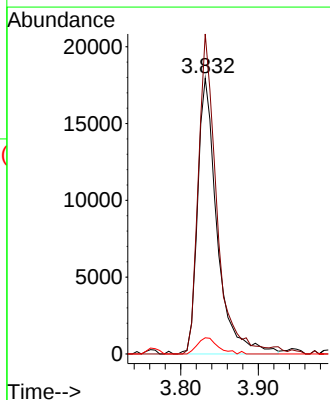
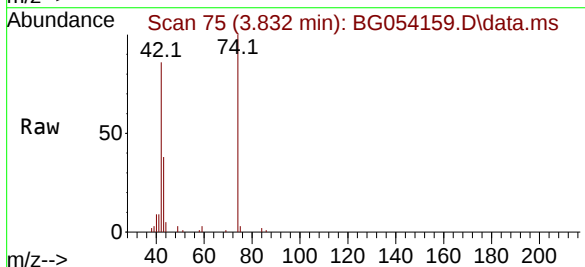
Instrument :  
BNA\_G  
ClientSampleId :  
R-1MS

Tgt Ion: 79 Resp: 51086  
Ion Ratio Lower Upper  
79 100  
52 80.0 54.6 81.8  
51 40.3 32.5 48.7



#4  
n-Nitrosodimethylamine  
Concen: 52.932 ng  
RT: 3.832 min Scan# 75  
Delta R.T. -0.009 min  
Lab File: BG054159.D  
Acq: 30 Jun 2022 00:13

Tgt Ion: 42 Resp: 31247  
Ion Ratio Lower Upper  
42 100  
74 116.0 97.0 145.4  
44 5.8 7.0 10.4

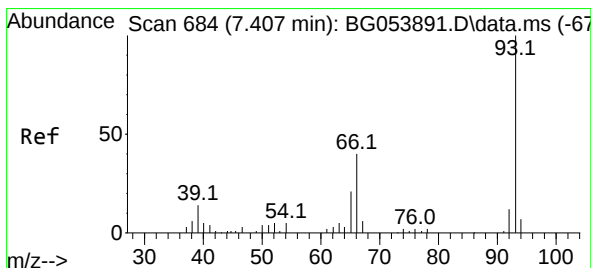
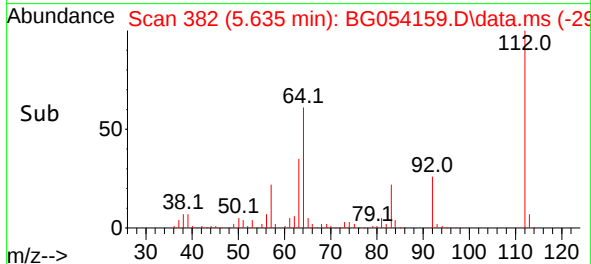
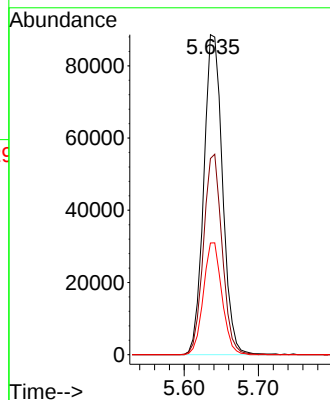
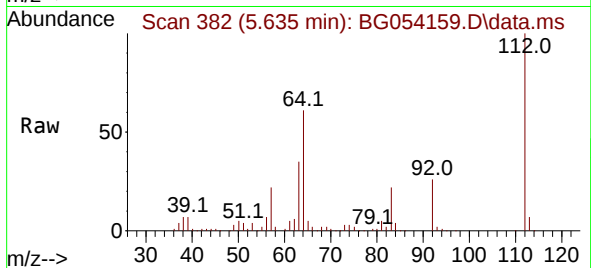




#5  
2-Fluorophenol  
Concen: 135.738 ng  
RT: 5.635 min Scan# 382  
Delta R.T. -0.003 min  
Lab File: BG054159.D  
Acq: 30 Jun 2022 00:13

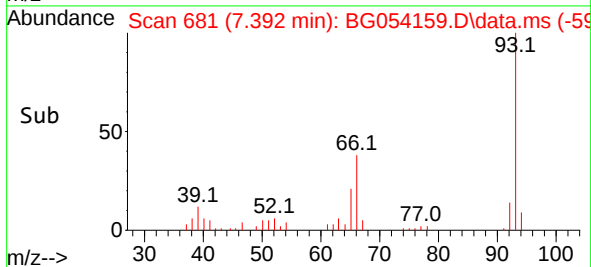
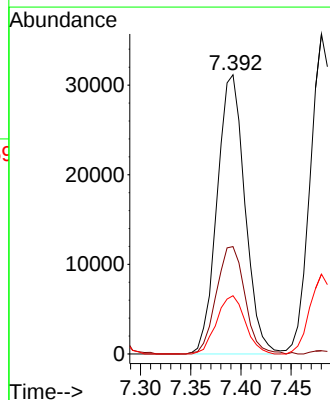
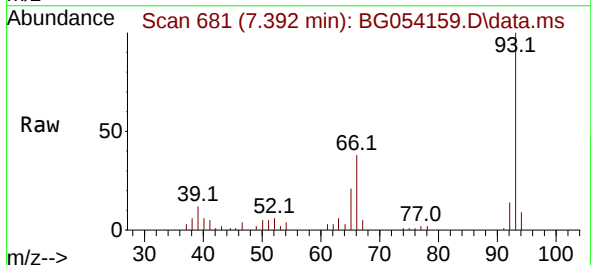
Instrument :  
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Tgt Ion:112 Resp: 156163  
Ion Ratio Lower Upper  
112 100  
64 61.3 55.1 82.7  
63 34.9 30.4 45.6



#6  
Aniline  
Concen: 32.487 ng  
RT: 7.392 min Scan# 681  
Delta R.T. 0.003 min  
Lab File: BG054159.D  
Acq: 30 Jun 2022 00:13

Tgt Ion: 93 Resp: 60113  
Ion Ratio Lower Upper  
93 100  
66 38.5 32.9 49.3  
65 20.9 17.8 26.8



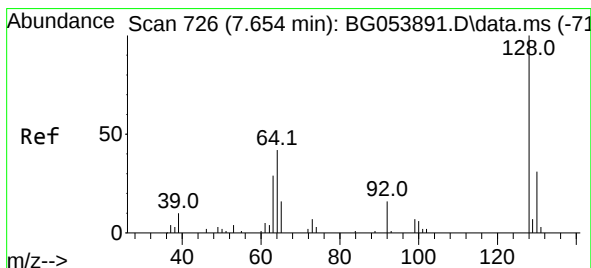
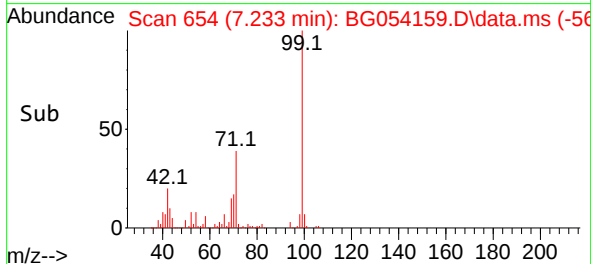
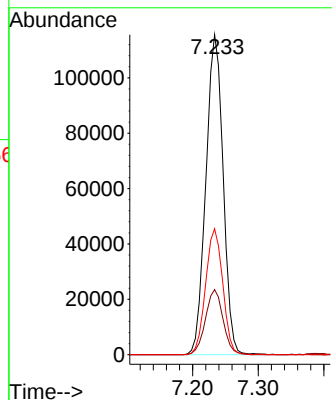
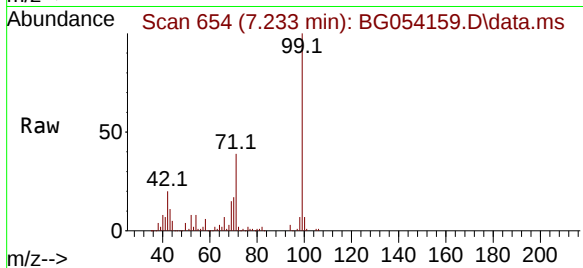


#7  
Phenol-d6  
Concen: 135.576 ng  
RT: 7.233 min Scan# 611  
Delta R.T. 0.003 min  
Lab File: BG054159.D  
Acq: 30 Jun 2022 00:13

Instrument :  
BNA\_G  
ClientSampleId :  
R-1MS

Tgt Ion: 99 Resp: 211593

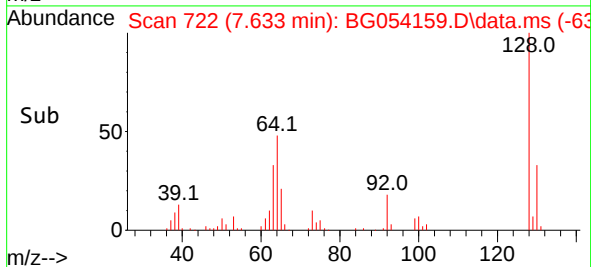
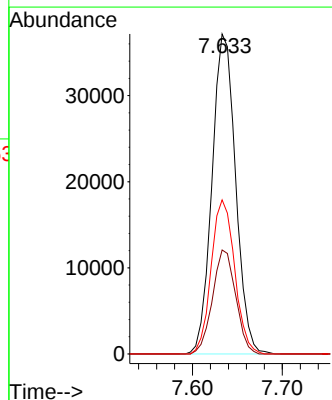
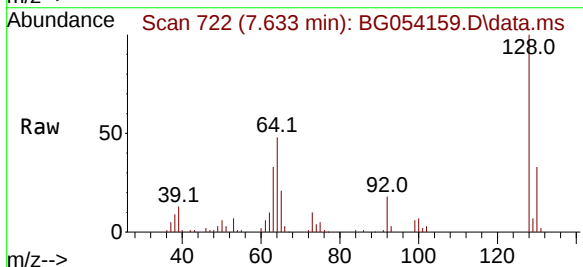
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 20.3  | 17.0  | 25.6  |
| 71  | 39.3  | 33.8  | 50.8  |

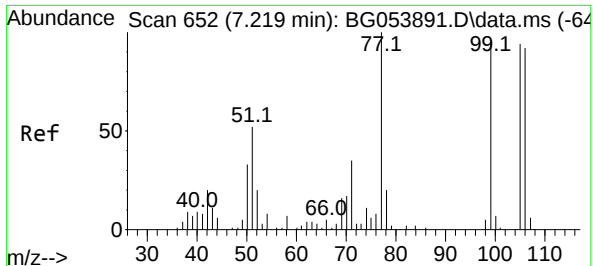


#8  
2-Chlorophenol  
Concen: 55.202 ng  
RT: 7.633 min Scan# 722  
Delta R.T. -0.003 min  
Lab File: BG054159.D  
Acq: 30 Jun 2022 00:13

Tgt Ion:128 Resp: 67811

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 130 | 32.5  | 10.5  | 50.5  |
| 64  | 48.2  | 35.1  | 75.1  |

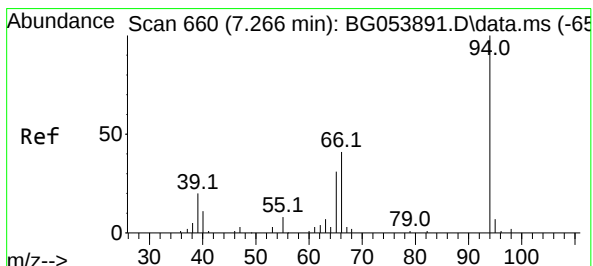
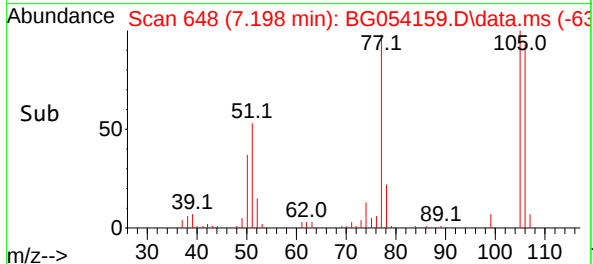
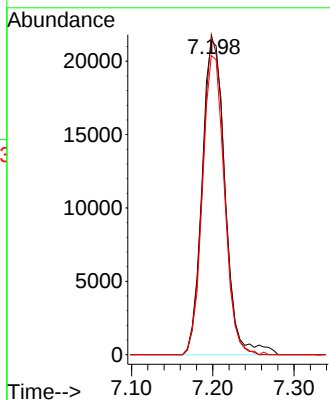
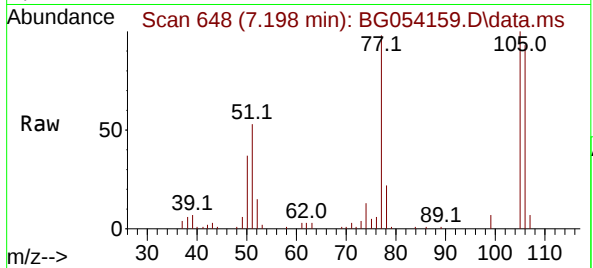




#9  
Benzaldehyde  
Concen: 45.804 ng  
RT: 7.198 min Scan# 64  
Delta R.T. -0.009 min  
Lab File: BG054159.D  
Acq: 30 Jun 2022 00:13

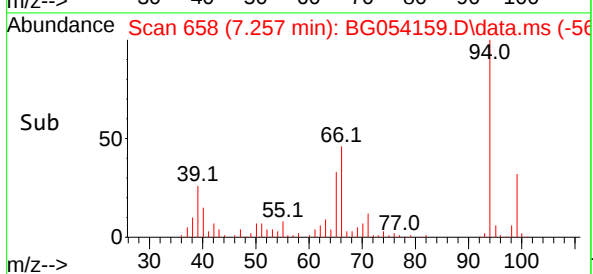
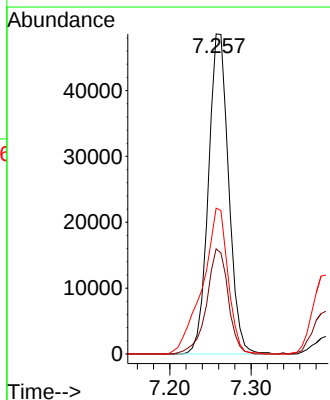
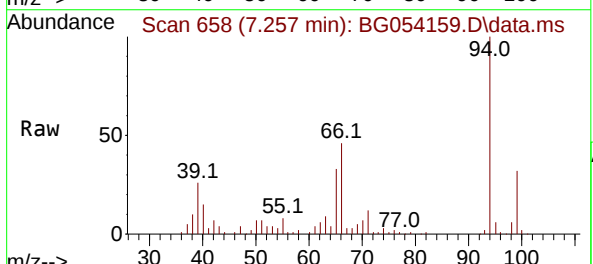
Instrument :  
BNA\_G  
ClientSampleId :  
R-1MS

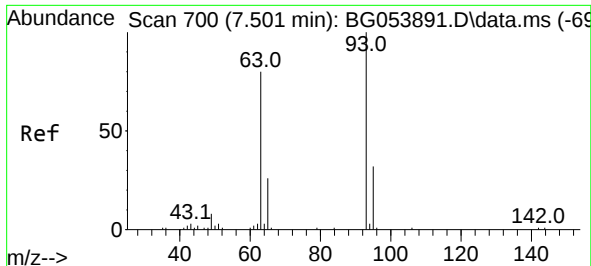
Tgt Ion: 77 Resp: 42190  
Ion Ratio Lower Upper  
77 100  
105 101.9 59.6 99.6#  
106 95.2 56.8 96.8



#10  
Phenol  
Concen: 53.151 ng  
RT: 7.257 min Scan# 658  
Delta R.T. -0.003 min  
Lab File: BG054159.D  
Acq: 30 Jun 2022 00:13

Tgt Ion: 94 Resp: 84068  
Ion Ratio Lower Upper  
94 100  
65 32.9 14.8 54.8  
66 45.5 25.2 65.2

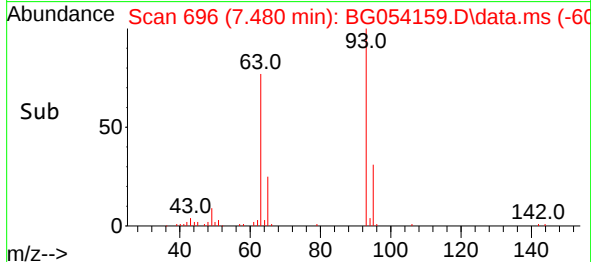
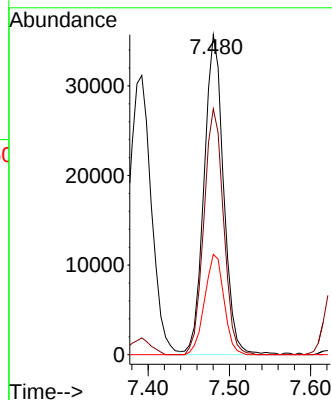
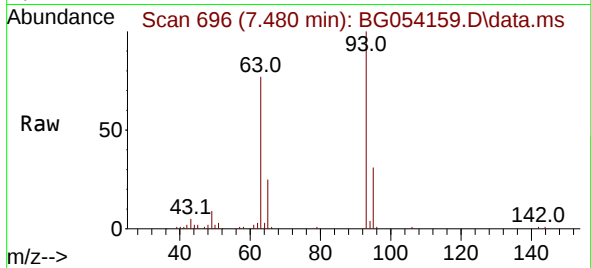




#11  
bis(2-Chloroethyl)ether  
Concen: 49.098 ng  
RT: 7.480 min Scan# 696  
Delta R.T. -0.008 min  
Lab File: BG054159.D  
Acq: 30 Jun 2022 00:13

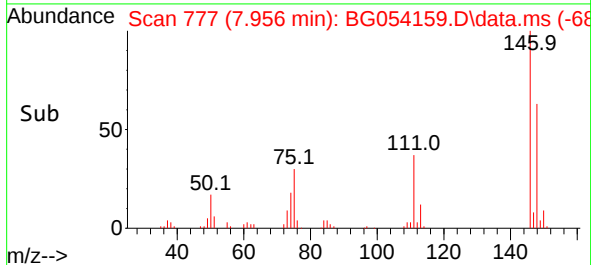
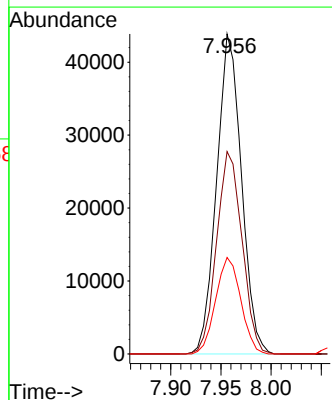
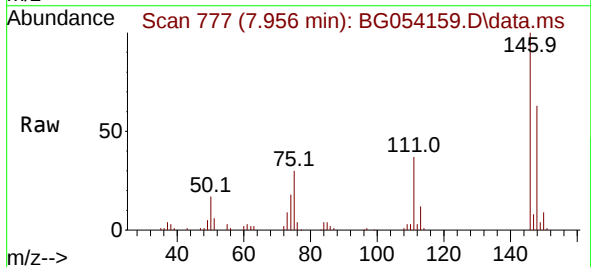
Instrument :  
BNA\_G  
ClientSampleId :  
R-1MS

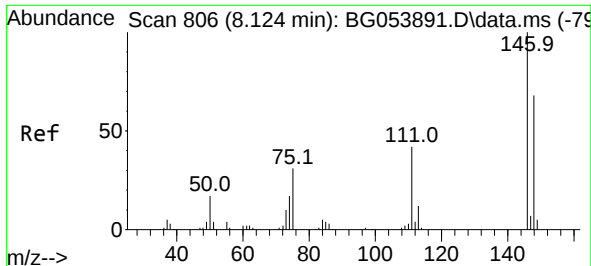
Tgt Ion: 93 Resp: 59606  
Ion Ratio Lower Upper  
93 100  
63 76.8 63.6 103.6  
95 31.3 10.1 50.1



#12  
1,3-Dichlorobenzene  
Concen: 49.019 ng  
RT: 7.956 min Scan# 777  
Delta R.T. -0.009 min  
Lab File: BG054159.D  
Acq: 30 Jun 2022 00:13

Tgt Ion: 146 Resp: 75453  
Ion Ratio Lower Upper  
146 100  
148 63.3 46.1 69.1  
75 30.1 27.6 41.4





#13

1,4-Dichlorobenzene

Concen: 49.729 ng

RT: 8.103 min Scan# 806

Delta R.T. -0.003 min

Lab File: BG054159.D

Acq: 30 Jun 2022 00:13

Instrument :

BNA\_G

ClientSampleId :

R-1MS

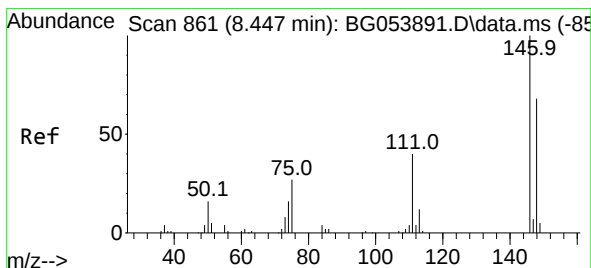
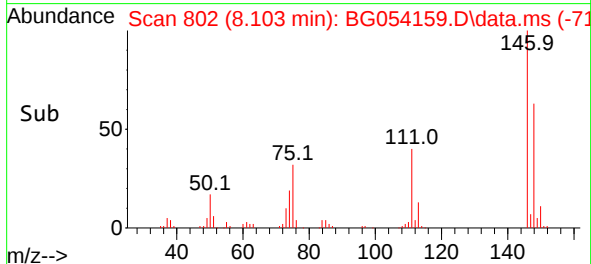
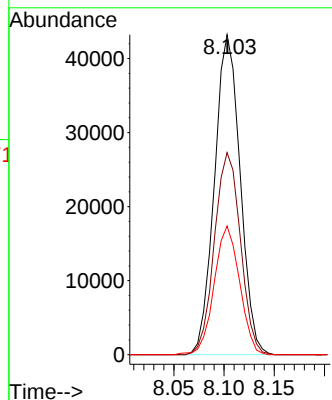
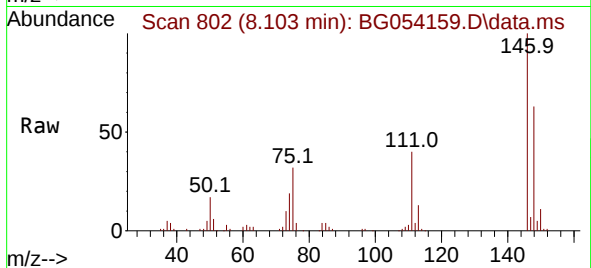
Tgt Ion:146 Resp: 76891

Ion Ratio Lower Upper

146 100

148 63.1 51.5 77.3

111 40.2 33.9 50.9



#14

1,2-Dichlorobenzene

Concen: 49.351 ng

RT: 8.420 min Scan# 856

Delta R.T. -0.008 min

Lab File: BG054159.D

Acq: 30 Jun 2022 00:13

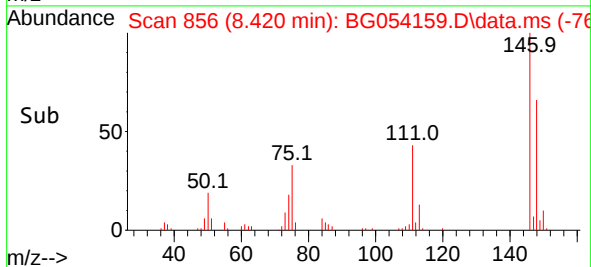
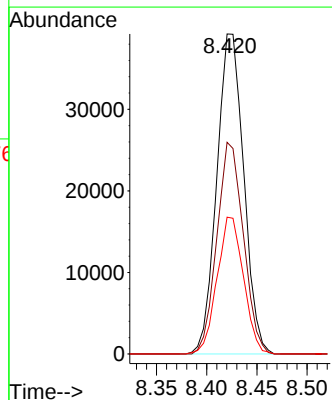
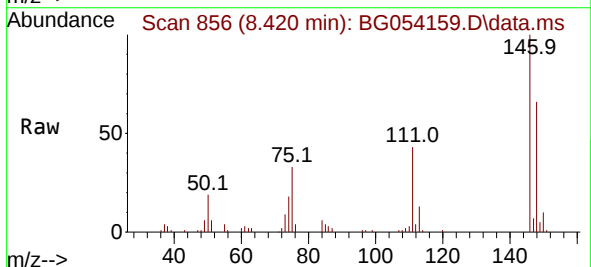
Tgt Ion:146 Resp: 73252

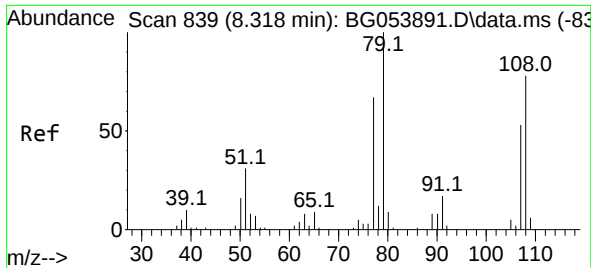
Ion Ratio Lower Upper

146 100

148 66.2 52.6 78.8

111 42.8 34.5 51.7

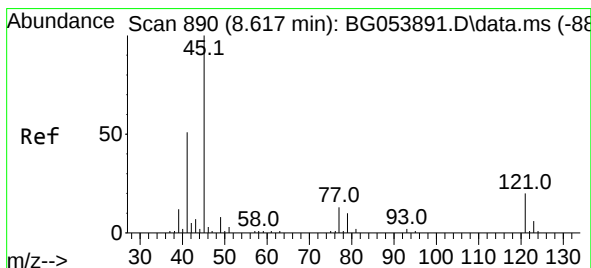
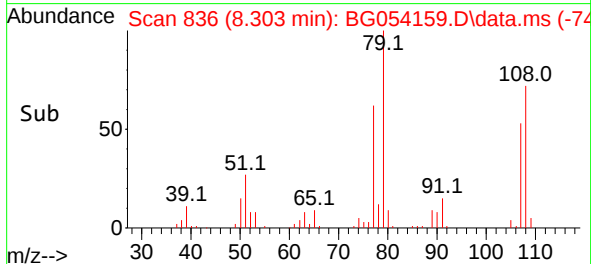
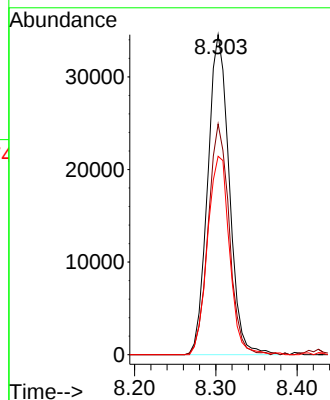
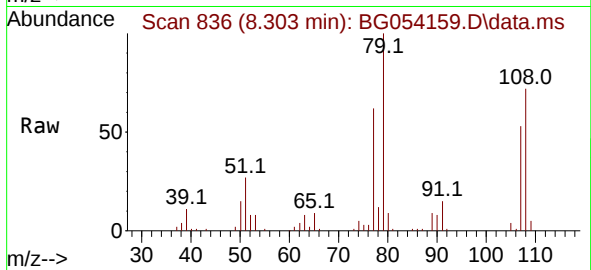




#15  
Benzyl Alcohol  
Concen: 54.366 ng  
RT: 8.303 min Scan# 81  
Delta R.T. -0.003 min  
Lab File: BG054159.D  
Acq: 30 Jun 2022 00:13

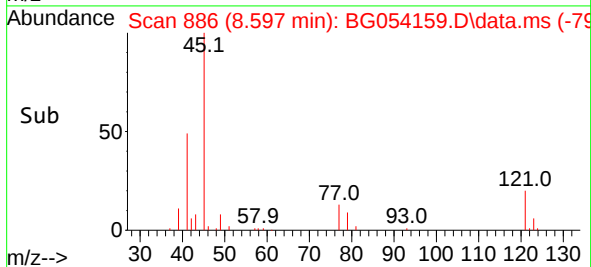
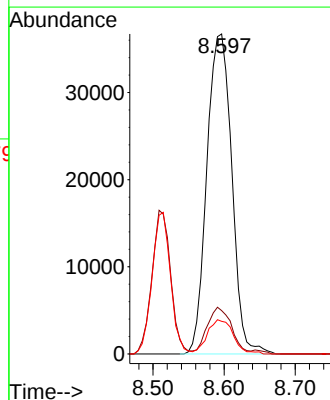
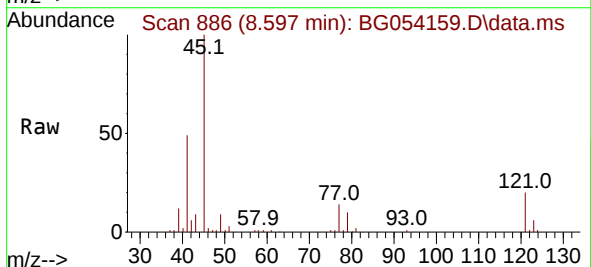
Instrument :  
BNA\_G  
ClientSampleId :  
R-1MS

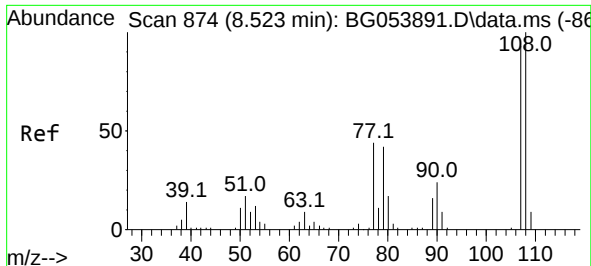
Tgt Ion: 79 Resp: 63416  
Ion Ratio Lower Upper  
79 100  
108 72.1 53.7 80.5  
77 62.0 52.2 78.4



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 49.305 ng  
RT: 8.597 min Scan# 886  
Delta R.T. 0.003 min  
Lab File: BG054159.D  
Acq: 30 Jun 2022 00:13

Tgt Ion: 45 Resp: 89480  
Ion Ratio Lower Upper  
45 100  
77 13.6 0.0 32.7  
79 10.2 0.0 29.7

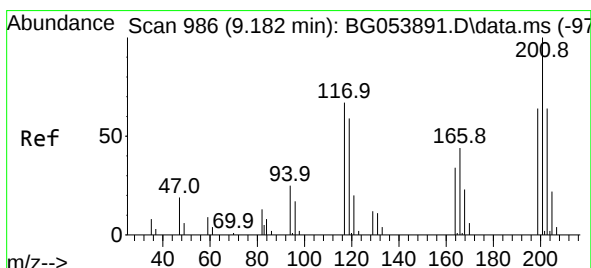
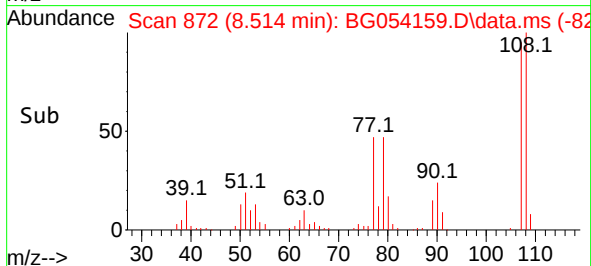
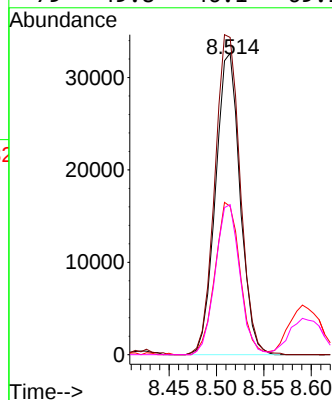
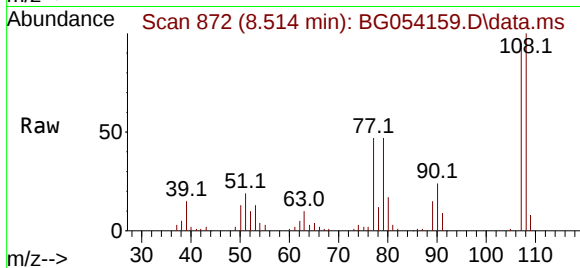




#17  
2-Methylphenol  
Concen: 53.563 ng  
RT: 8.514 min Scan# 81  
Delta R.T. 0.003 min  
Lab File: BG054159.D  
Acq: 30 Jun 2022 00:13

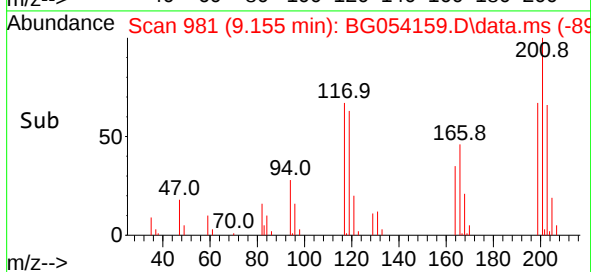
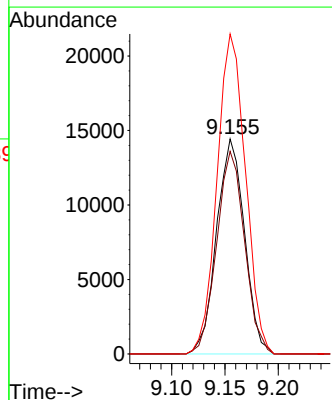
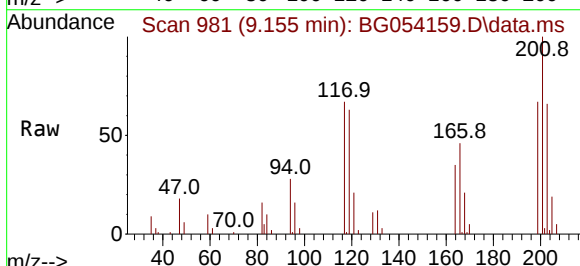
Instrument :  
BNA\_G  
ClientSampleId :  
R-1MS

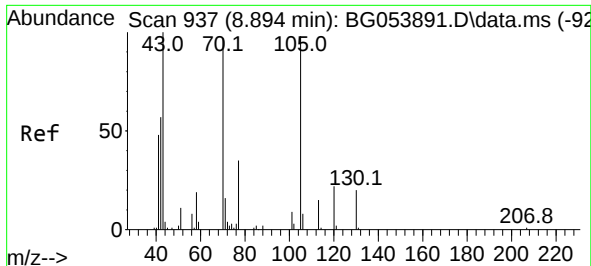
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 107   | Resp: | 58853 |
| Ion      | Ratio | Lower | Upper |
| 107      | 100   |       |       |
| 108      | 105.2 | 85.4  | 128.0 |
| 77       | 49.2  | 46.2  | 69.2  |
| 79       | 49.8  | 46.1  | 69.1  |



#18  
Hexachloroethane  
Concen: 51.186 ng  
RT: 9.155 min Scan# 981  
Delta R.T. -0.008 min  
Lab File: BG054159.D  
Acq: 30 Jun 2022 00:13

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 26255  |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 94.2  | 75.0  | 112.6  |
| 201      | 153.3 | 89.0  | 133.6# |

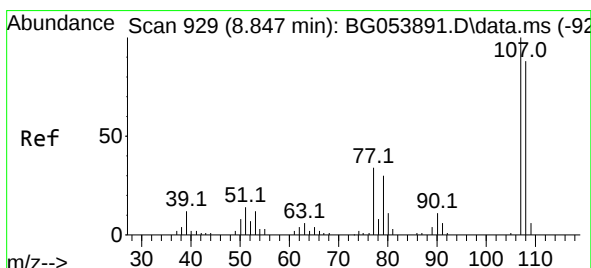
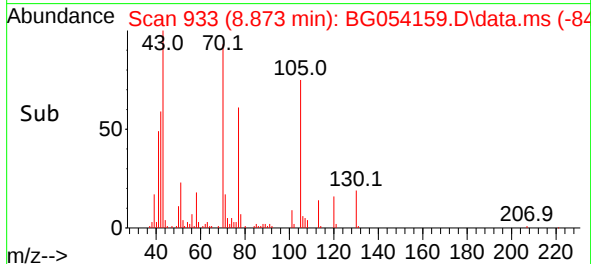
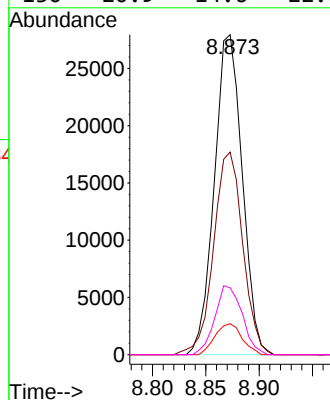
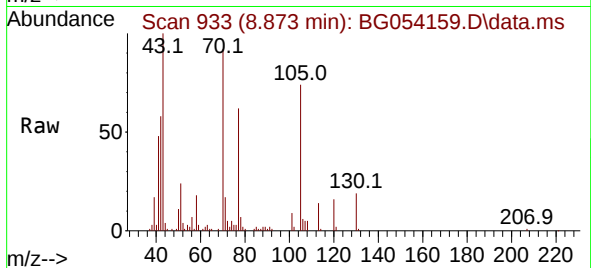




#19  
n-Nitroso-di-n-propylamine  
Concen: 48.518 ng  
RT: 8.873 min Scan# 91  
Delta R.T. -0.003 min  
Lab File: BG054159.D  
Acq: 30 Jun 2022 00:13

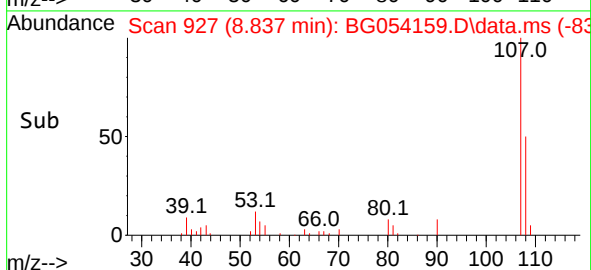
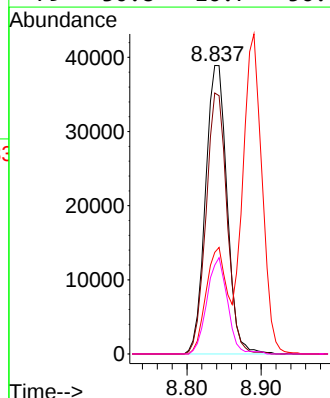
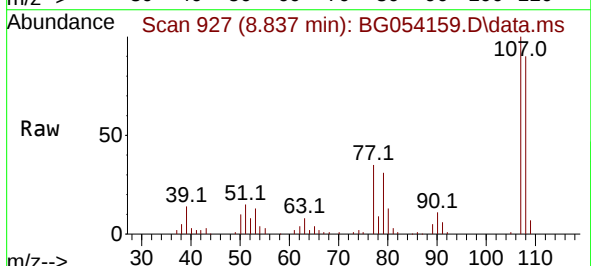
Instrument :  
BNA\_G  
ClientSampleId :  
R-1MS

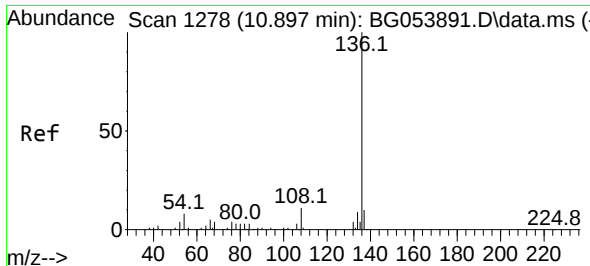
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 70    | Resp: | 50872 |
| Ion      | Ratio | Lower | Upper |
| 70       | 100   |       |       |
| 42       | 63.3  | 47.3  | 70.9  |
| 101      | 9.7   | 7.0   | 10.4  |
| 130      | 20.9  | 14.6  | 22.0  |



#20  
3+4-Methylphenols  
Concen: 50.973 ng  
RT: 8.837 min Scan# 927  
Delta R.T. 0.003 min  
Lab File: BG054159.D  
Acq: 30 Jun 2022 00:13

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 107   | Resp: | 78544 |
| Ion      | Ratio | Lower | Upper |
| 107      | 100   |       |       |
| 108      | 90.4  | 67.5  | 107.5 |
| 77       | 35.2  | 20.3  | 60.3  |
| 79       | 30.8  | 16.7  | 56.7  |

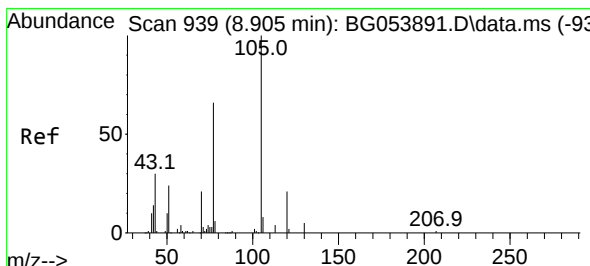
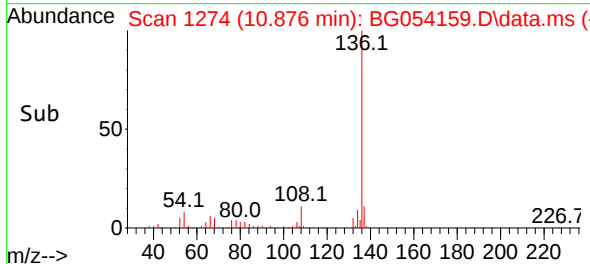
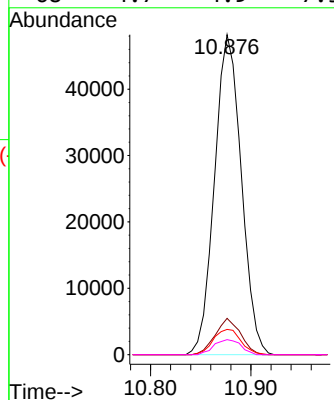
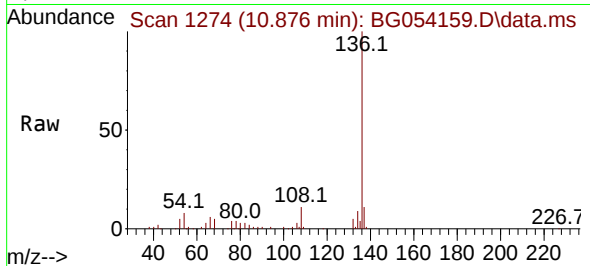




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.876 min Scan# 11  
Delta R.T. -0.003 min  
Lab File: BG054159.D  
Acq: 30 Jun 2022 00:13

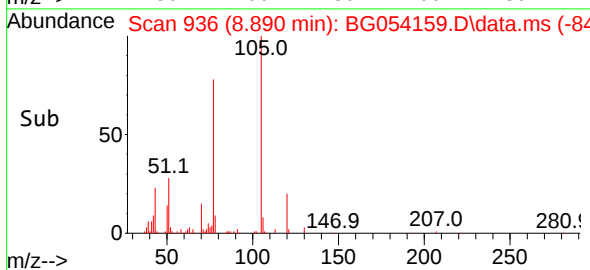
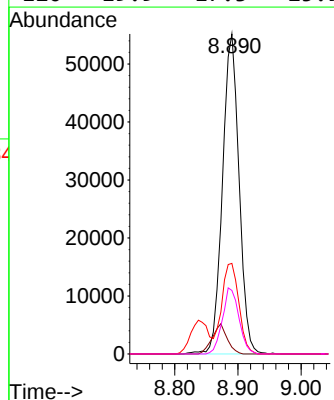
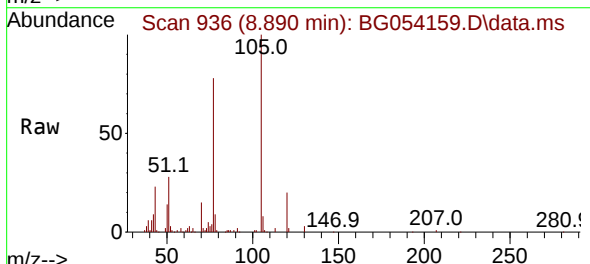
Instrument :  
BNA\_G  
ClientSampleId :  
R-1MS

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 136   | Resp: | 89226 |
| Ion Ratio | Lower | Upper |       |
| 136       | 100   |       |       |
| 137       | 11.3  | 8.5   | 12.7  |
| 54        | 7.9   | 7.4   | 11.2  |
| 68        | 4.7   | 4.9   | 7.3   |



#22  
Acetophenone  
Concen: 46.367 ng  
RT: 8.890 min Scan# 936  
Delta R.T. -0.003 min  
Lab File: BG054159.D  
Acq: 30 Jun 2022 00:13

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 105   | Resp: | 100564 |
| Ion Ratio | Lower | Upper |        |
| 105       | 100   |       |        |
| 71        | 2.1   | 1.1   | 1.7    |
| 51        | 28.3  | 25.4  | 38.0   |
| 120       | 19.9  | 17.3  | 25.9   |

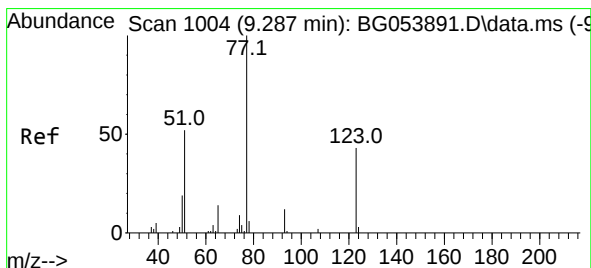
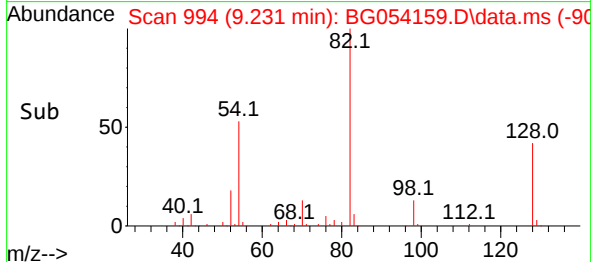
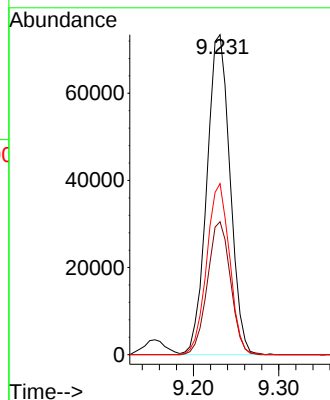
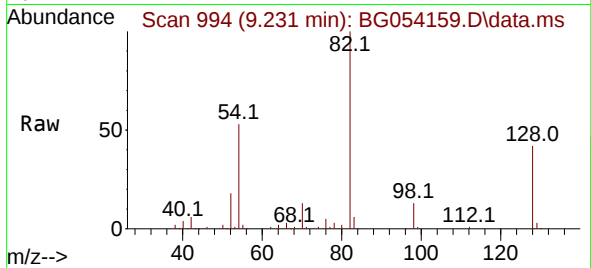




#23  
Nitrobenzene-d5  
Concen: 87.509 ng  
RT: 9.231 min Scan# 997  
Delta R.T. -0.003 min  
Lab File: BG054159.D  
Acq: 30 Jun 2022 00:13

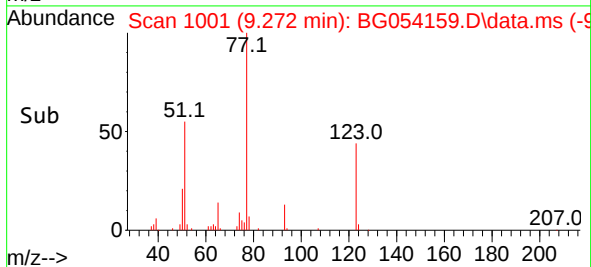
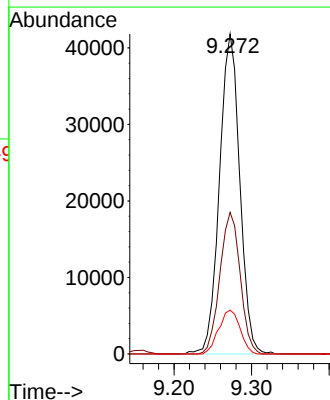
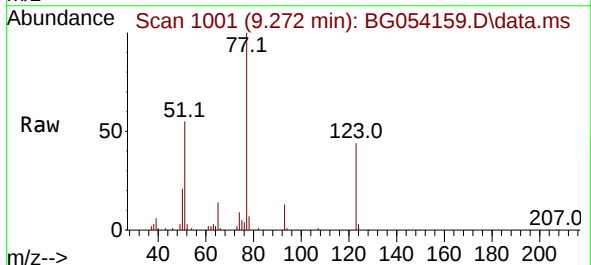
Instrument :  
BNA\_G  
ClientSampleId :  
R-1MS

Tgt Ion: 82 Resp: 138944  
Ion Ratio Lower Upper  
82 100  
128 41.5 27.9 41.9  
54 53.5 41.2 61.8



#24  
Nitrobenzene  
Concen: 48.645 ng  
RT: 9.272 min Scan# 1001  
Delta R.T. -0.003 min  
Lab File: BG054159.D  
Acq: 30 Jun 2022 00:13

Tgt Ion: 77 Resp: 76058  
Ion Ratio Lower Upper  
77 100  
123 44.2 27.4 41.0#  
65 13.7 11.4 17.0

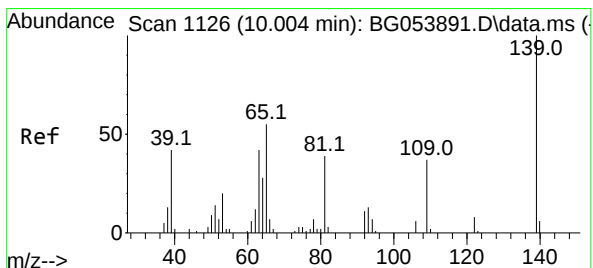
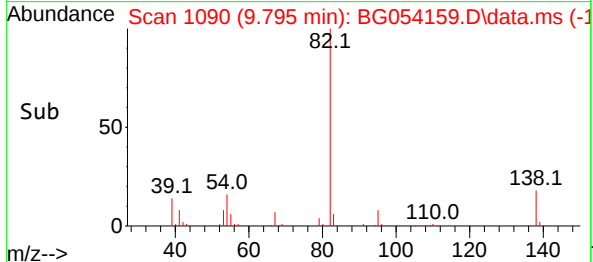
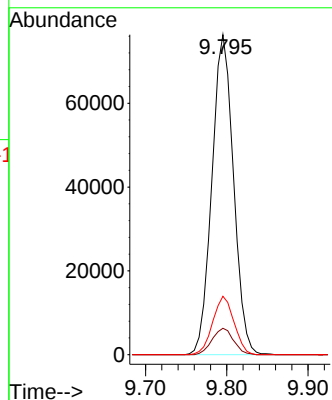
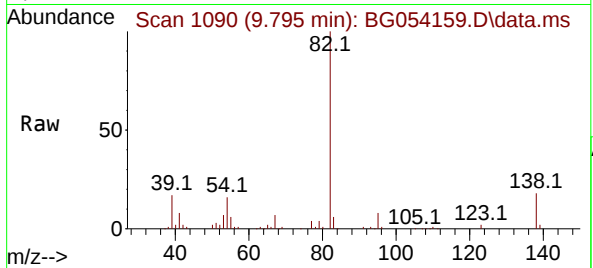




#25  
Isophorone  
Concen: 47.564 ng  
RT: 9.795 min Scan# 1093  
Delta R.T. -0.003 min  
Lab File: BG054159.D  
Acq: 30 Jun 2022 00:13

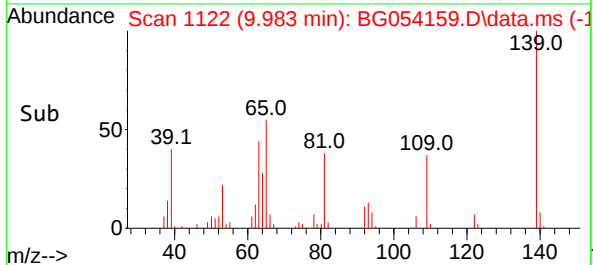
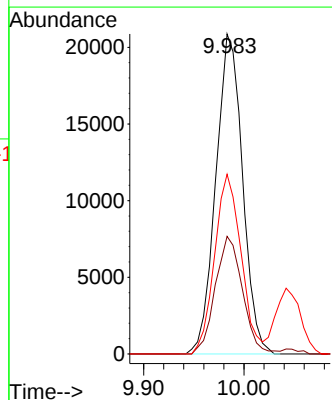
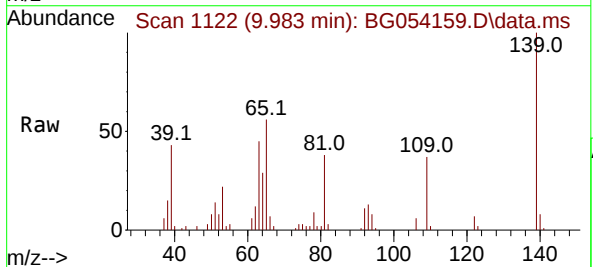
Instrument :  
BNA\_G  
ClientSampleId :  
R-1MS

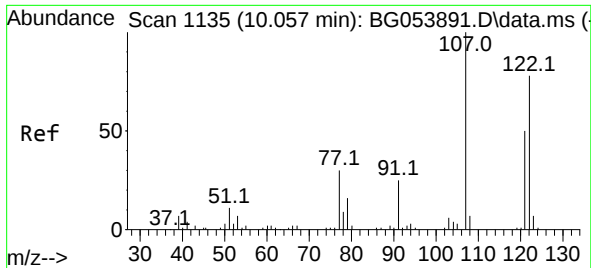
Tgt Ion: 82 Resp: 141042  
Ion Ratio Lower Upper  
82 100  
95 8.3 6.2 9.4  
138 18.3 11.6 17.4#



#26  
2-Nitrophenol  
Concen: 55.910 ng  
RT: 9.983 min Scan# 1122  
Delta R.T. -0.009 min  
Lab File: BG054159.D  
Acq: 30 Jun 2022 00:13

Tgt Ion: 139 Resp: 38611  
Ion Ratio Lower Upper  
139 100  
109 36.8 36.1 54.1  
65 56.1 55.8 83.6





#27

2,4-Dimethylphenol

Concen: 58.058 ng

RT: 10.042 min Scan# 1132

Delta R.T. -0.003 min

Lab File: BG054159.D

Acq: 30 Jun 2022 00:13

Instrument :

BNA\_G

ClientSampleId :

R-1MS

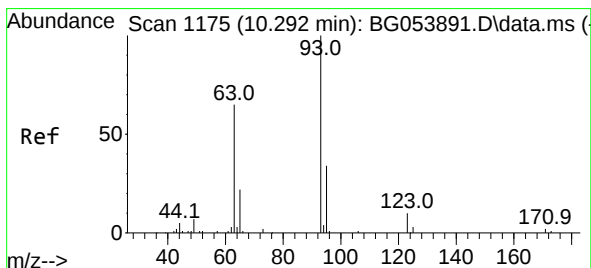
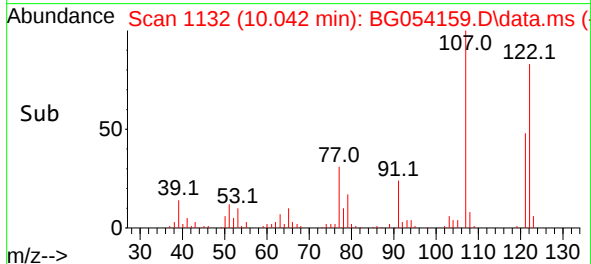
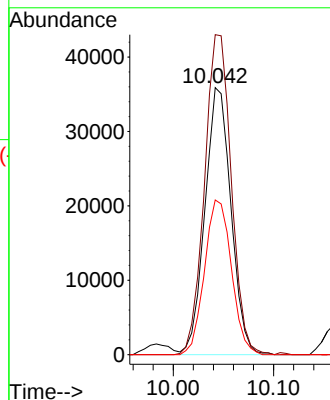
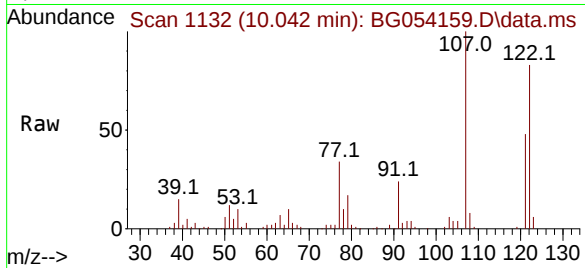
Tgt Ion:122 Resp: 64895

Ion Ratio Lower Upper

122 100

107 119.8 109.4 164.0

121 58.0 48.7 73.1



#28

bis(2-Chloroethoxy)methane

Concen: 50.649 ng

RT: 10.271 min Scan# 1171

Delta R.T. -0.009 min

Lab File: BG054159.D

Acq: 30 Jun 2022 00:13

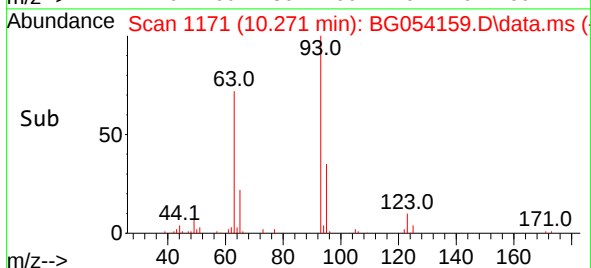
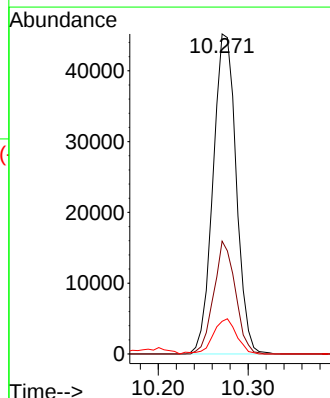
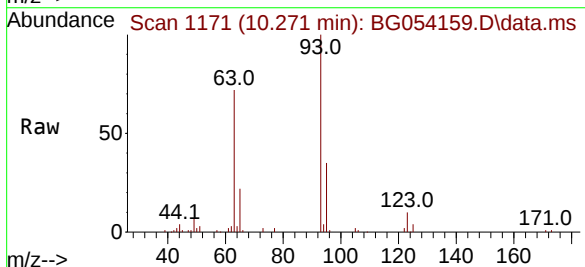
Tgt Ion: 93 Resp: 80910

Ion Ratio Lower Upper

93 100

95 35.3 26.9 40.3

123 10.2 7.7 11.5





#29

2,4-Dichlorophenol

Concen: 52.646 ng

RT: 10.524 min Scan# 1

Delta R.T. -0.003 min

Lab File: BG054159.D

Acq: 30 Jun 2022 00:13

Instrument :

BNA\_G

ClientSampleId :

R-1MS

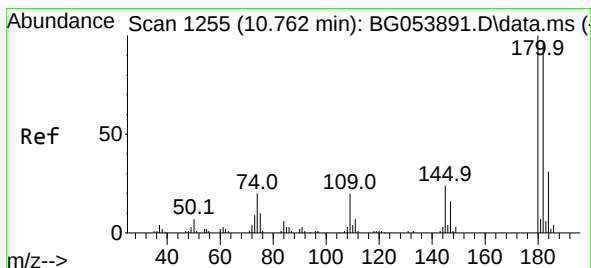
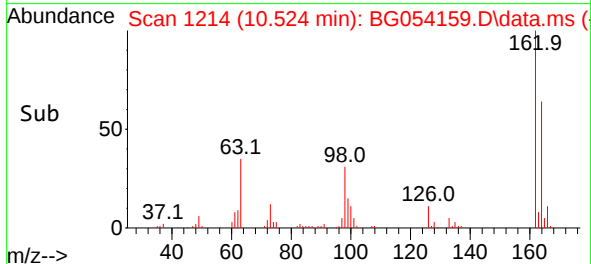
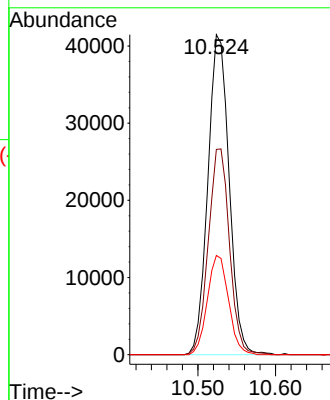
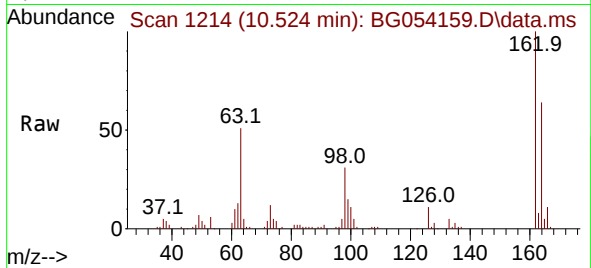
Tgt Ion:162 Resp: 78898

Ion Ratio Lower Upper

162 100

164 64.2 46.6 86.6

98 31.0 22.8 62.8



#30

1,2,4-Trichlorobenzene

Concen: 46.453 ng

RT: 10.741 min Scan# 1251

Delta R.T. -0.003 min

Lab File: BG054159.D

Acq: 30 Jun 2022 00:13

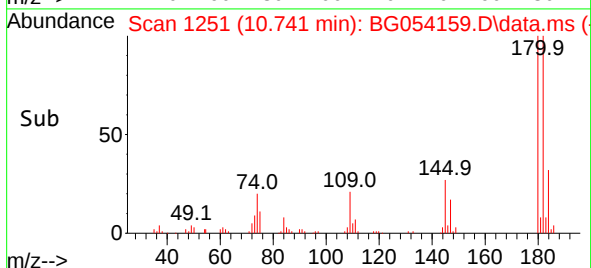
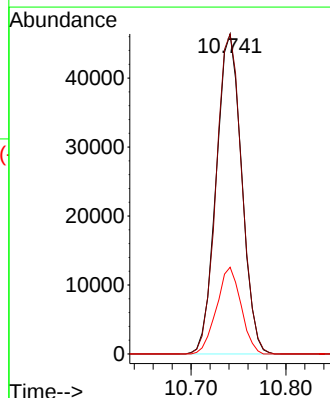
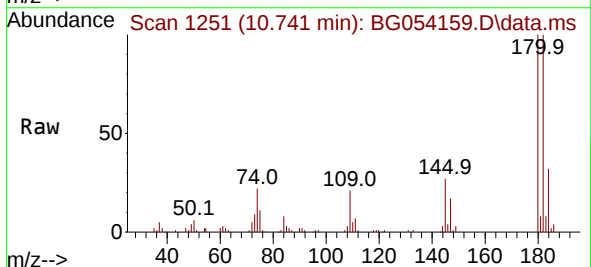
Tgt Ion:180 Resp: 86202

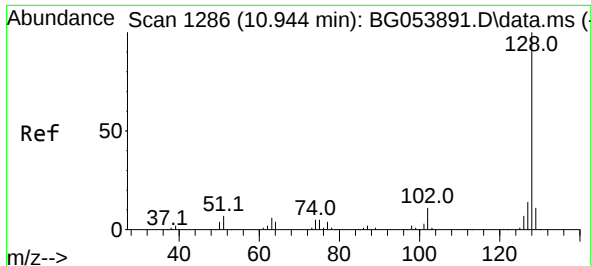
Ion Ratio Lower Upper

180 100

182 100.1 76.6 115.0

145 27.1 25.0 37.4

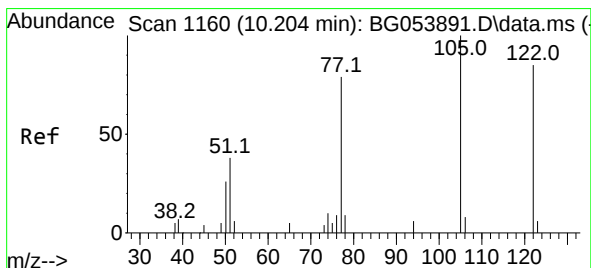
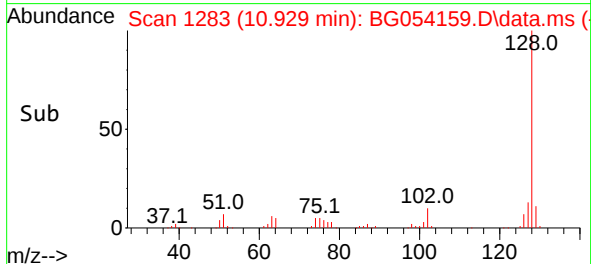
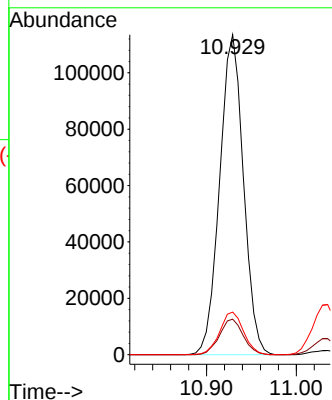
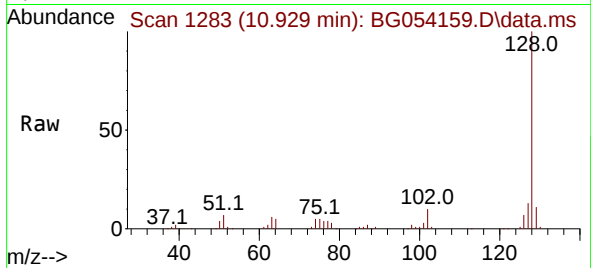




#31  
Naphthalene  
Concen: 46.249 ng  
RT: 10.929 min Scan# 1159  
Delta R.T. -0.003 min  
Lab File: BG054159.D  
Acq: 30 Jun 2022 00:13

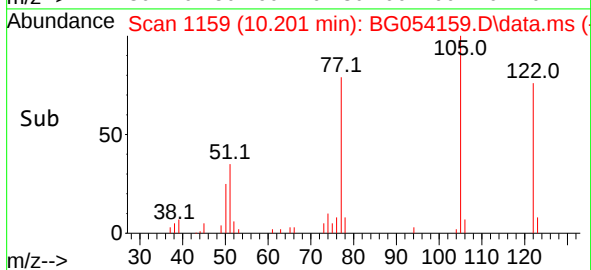
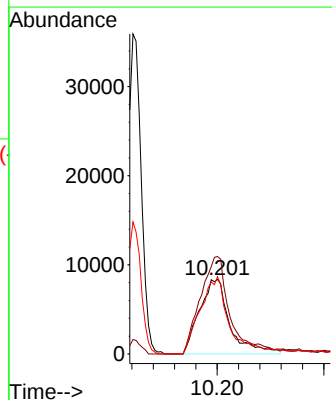
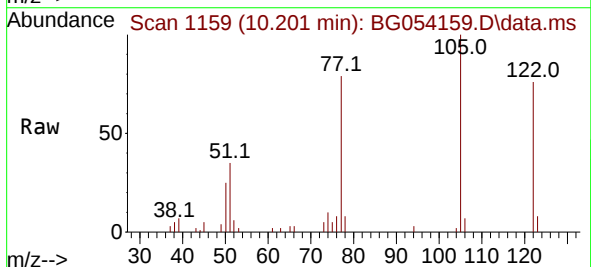
Instrument :  
BNA\_G  
ClientSampleId :  
R-1MS

Tgt Ion:128 Resp: 208323  
Ion Ratio Lower Upper  
128 100  
129 11.1 9.0 13.6  
127 13.3 11.1 16.7



#32  
Benzoic acid  
Concen: 63.299 ng  
RT: 10.201 min Scan# 1159  
Delta R.T. 0.003 min  
Lab File: BG054159.D  
Acq: 30 Jun 2022 00:13

Tgt Ion:122 Resp: 33115  
Ion Ratio Lower Upper  
122 100  
105 130.8 111.8 151.8  
77 103.8 109.4 149.4#

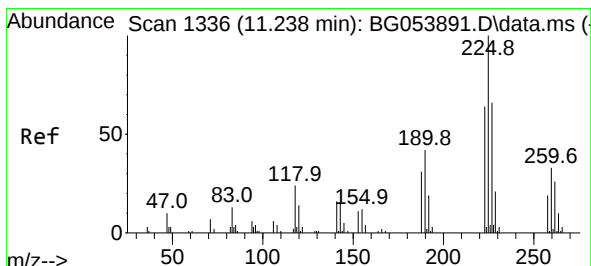
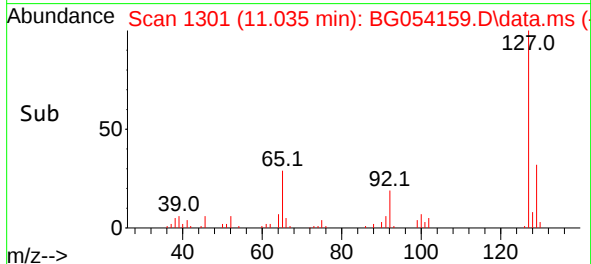
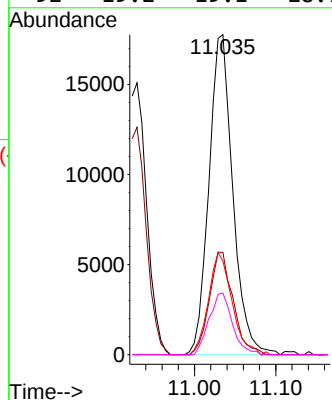
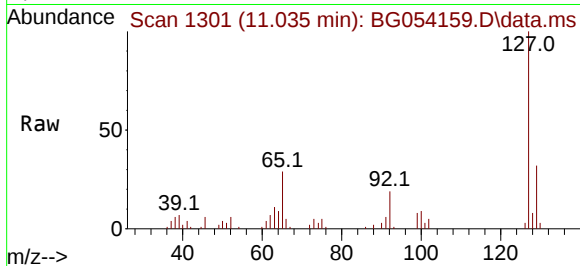




#33  
4-Chloroaniline  
Concen: 19.418 ng  
RT: 11.035 min Scan# 11  
Delta R.T. 0.003 min  
Lab File: BG054159.D  
Acq: 30 Jun 2022 00:13

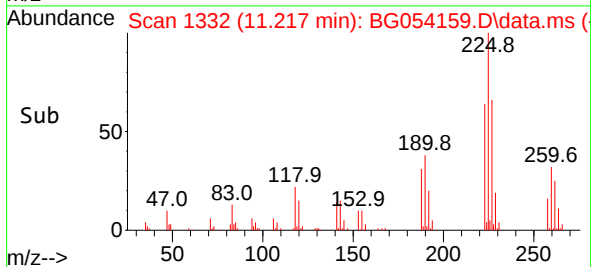
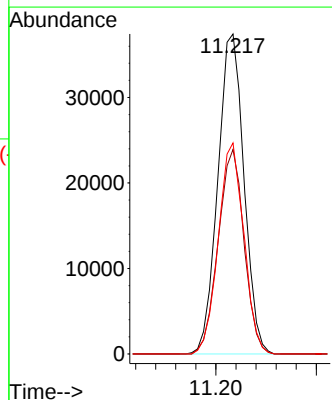
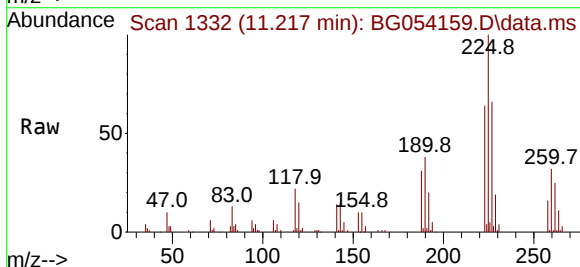
Instrument :  
BNA\_G  
ClientSampleId :  
R-1MS

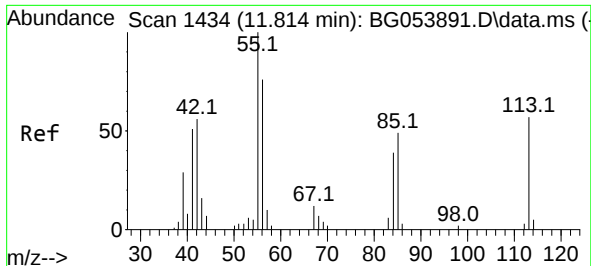
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 127   | Resp: | 36285 |
| Ion Ratio | Lower | Upper |       |
| 127       | 100   |       |       |
| 129       | 31.9  | 26.3  | 39.5  |
| 65        | 29.2  | 31.1  | 46.7# |
| 92        | 19.2  | 19.1  | 28.7  |



#34  
Hexachlorobutadiene  
Concen: 47.343 ng  
RT: 11.217 min Scan# 1332  
Delta R.T. -0.003 min  
Lab File: BG054159.D  
Acq: 30 Jun 2022 00:13

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 225   | Resp: | 67543 |
| Ion Ratio | Lower | Upper |       |
| 225       | 100   |       |       |
| 223       | 61.0  | 48.9  | 73.3  |
| 227       | 65.7  | 52.8  | 79.2  |

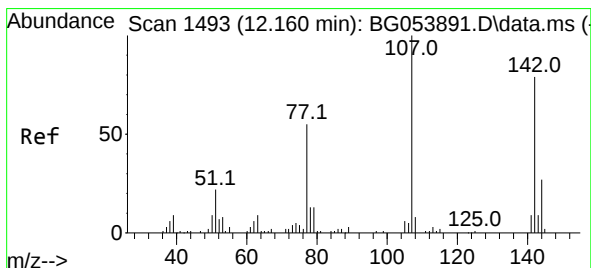
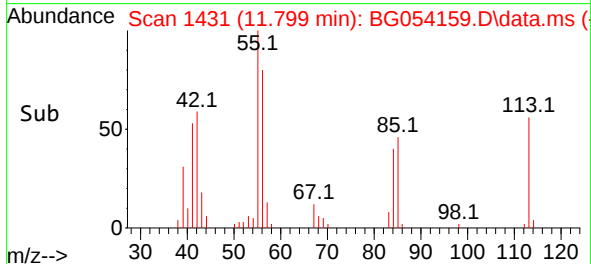
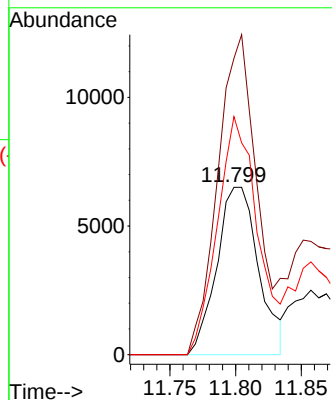
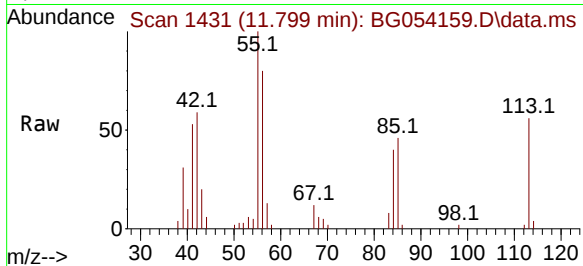




#35  
Caprolactam  
Concen: 34.961 ng  
RT: 11.799 min Scan# 1434  
Delta R.T. 0.009 min  
Lab File: BG054159.D  
Acq: 30 Jun 2022 00:13

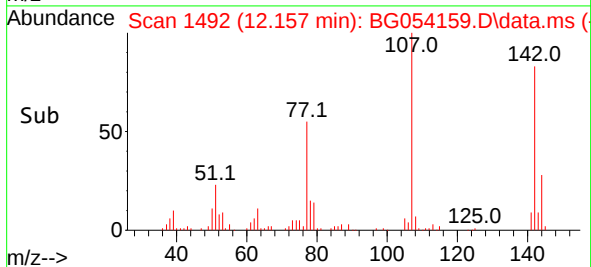
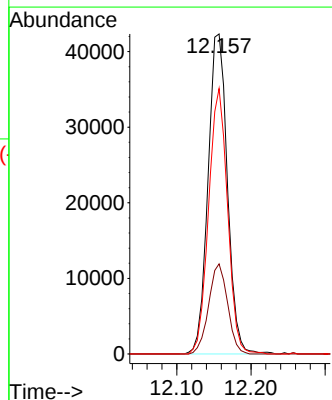
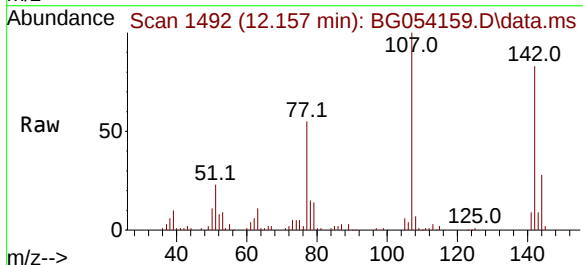
Instrument :  
BNA\_G  
ClientSampleId :  
R-1MS

Tgt Ion:113 Resp: 14424  
Ion Ratio Lower Upper  
113 100  
55 177.0 169.8 209.8  
56 142.2 141.2 181.2



#36  
4-Chloro-3-methylphenol  
Concen: 52.719 ng  
RT: 12.157 min Scan# 1492  
Delta R.T. 0.003 min  
Lab File: BG054159.D  
Acq: 30 Jun 2022 00:13

Tgt Ion:107 Resp: 76804  
Ion Ratio Lower Upper  
107 100  
144 28.2 18.5 27.7#  
142 82.9 55.0 82.4#

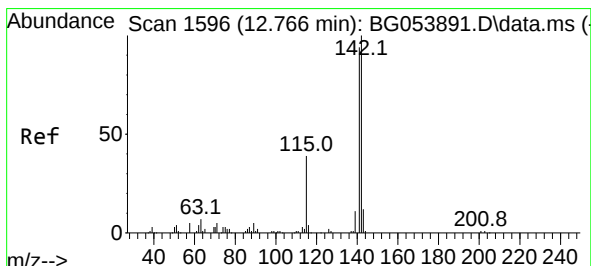
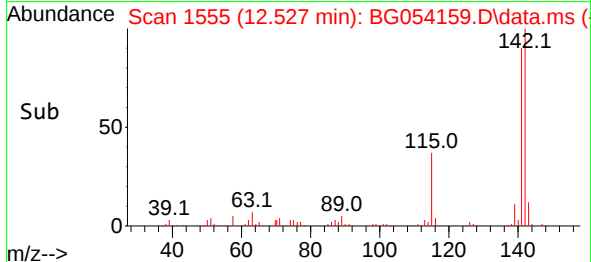
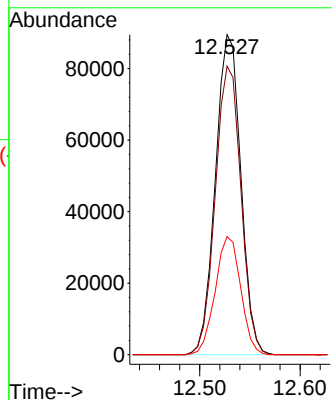
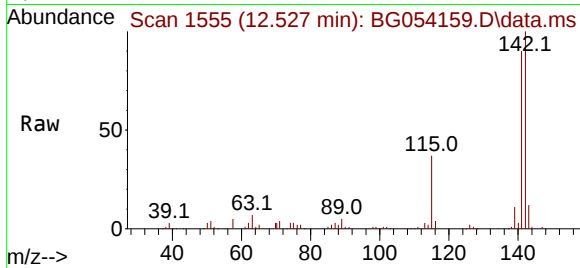




#37  
2-Methylnaphthalene  
Concen: 47.272 ng  
RT: 12.527 min Scan# 1555  
Delta R.T. -0.003 min  
Lab File: BG054159.D  
Acq: 30 Jun 2022 00:13

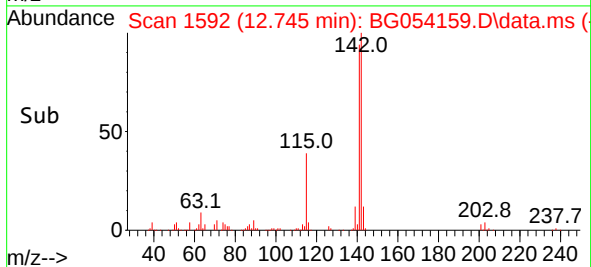
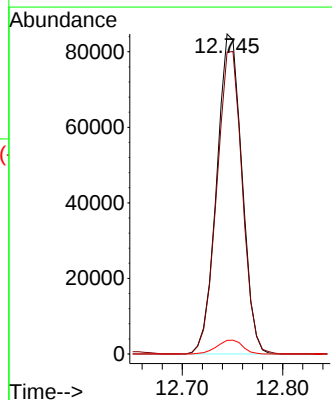
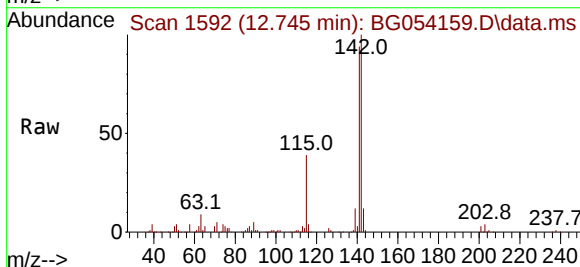
Instrument :  
BNA\_G  
ClientSampleId :  
R-1MS

Tgt Ion:142 Resp: 157538  
Ion Ratio Lower Upper  
142 100  
141 90.1 72.3 108.5  
115 36.9 33.7 50.5



#38  
1-Methylnaphthalene  
Concen: 45.563 ng  
RT: 12.745 min Scan# 1592  
Delta R.T. -0.003 min  
Lab File: BG054159.D  
Acq: 30 Jun 2022 00:13

Tgt Ion:142 Resp: 147852  
Ion Ratio Lower Upper  
142 100  
141 94.4 76.4 114.6  
116 4.2 3.3 4.9

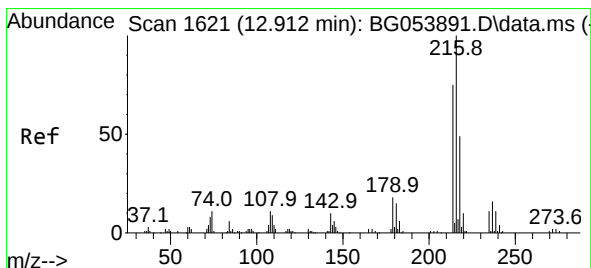
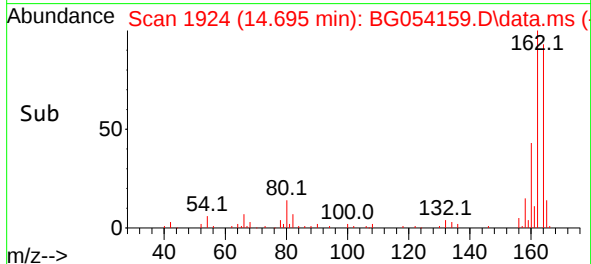
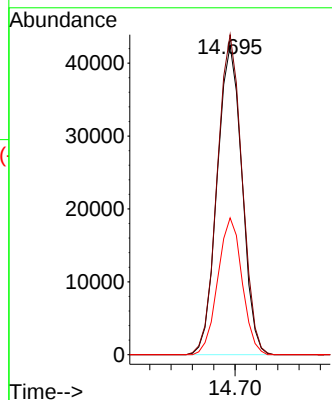
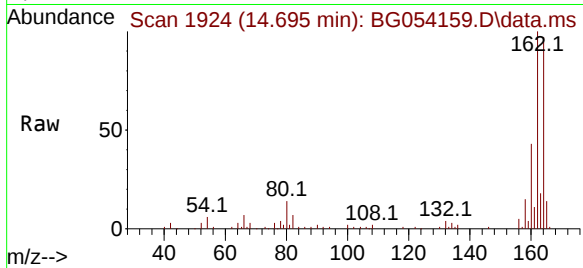




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.695 min Scan# 1924  
Delta R.T. -0.003 min  
Lab File: BG054159.D  
Acq: 30 Jun 2022 00:13

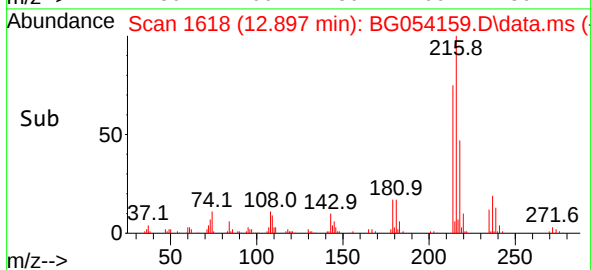
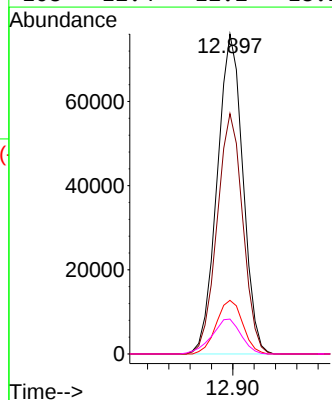
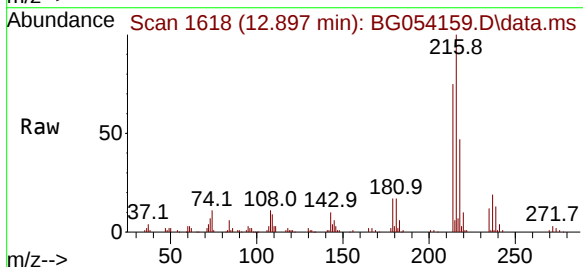
Instrument :  
BNA\_G  
ClientSampleId :  
R-1MS

Tgt Ion:164 Resp: 68518  
Ion Ratio Lower Upper  
164 100  
162 103.5 82.3 123.5  
160 44.2 34.2 51.2



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 48.162 ng  
RT: 12.897 min Scan# 1618  
Delta R.T. -0.003 min  
Lab File: BG054159.D  
Acq: 30 Jun 2022 00:13

Tgt Ion:216 Resp: 127156  
Ion Ratio Lower Upper  
216 100  
214 75.1 62.9 94.3  
179 17.2 16.1 24.1  
108 12.4 12.2 18.2

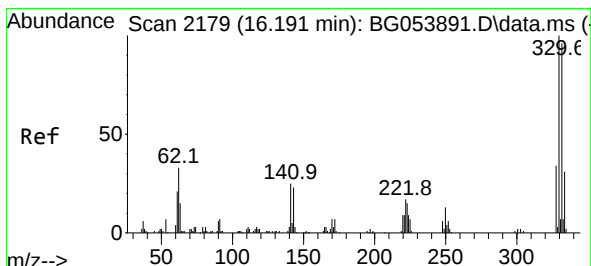
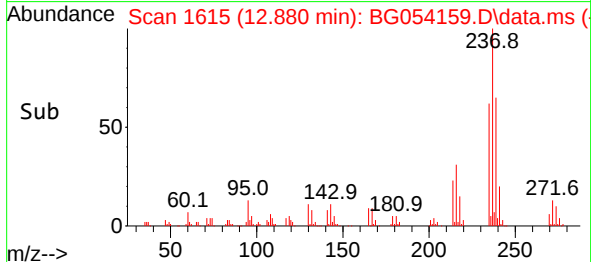
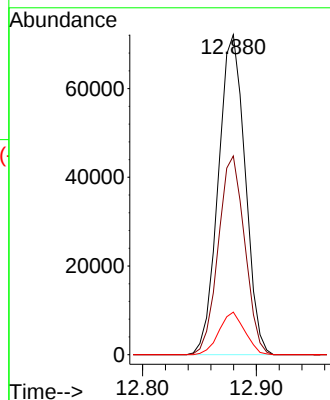
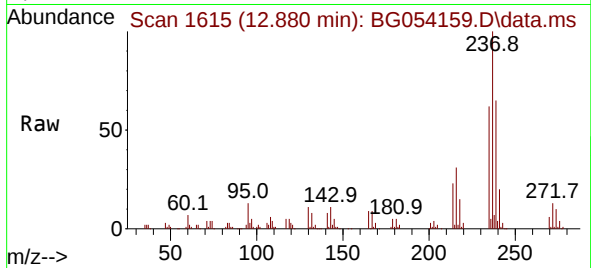




#41  
Hexachlorocyclopentadiene  
Concen: 96.114 ng  
RT: 12.880 min Scan# 1  
Delta R.T. -0.003 min  
Lab File: BG054159.D  
Acq: 30 Jun 2022 00:13

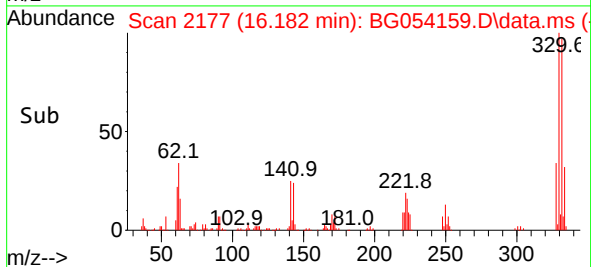
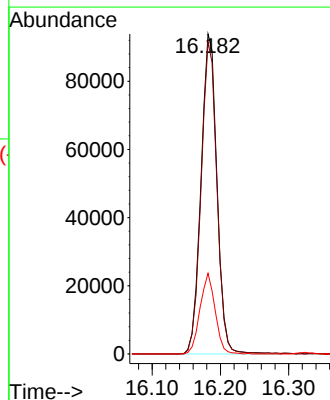
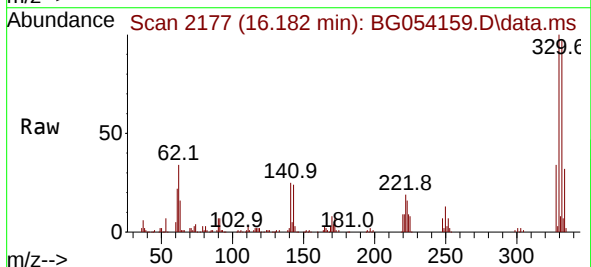
Instrument :  
BNA\_G  
ClientSampleId :  
R-1MS

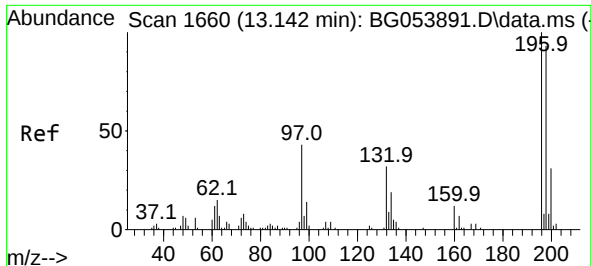
Tgt Ion:237 Resp: 118160  
Ion Ratio Lower Upper  
237 100  
235 62.1 43.5 83.5  
272 13.3 0.0 30.1



#42  
2,4,6-Tribromophenol  
Concen: 138.543 ng  
RT: 16.182 min Scan# 2177  
Delta R.T. -0.003 min  
Lab File: BG054159.D  
Acq: 30 Jun 2022 00:13

Tgt Ion:330 Resp: 152517  
Ion Ratio Lower Upper  
330 100  
332 96.1 76.0 114.0  
141 23.8 27.1 40.7#

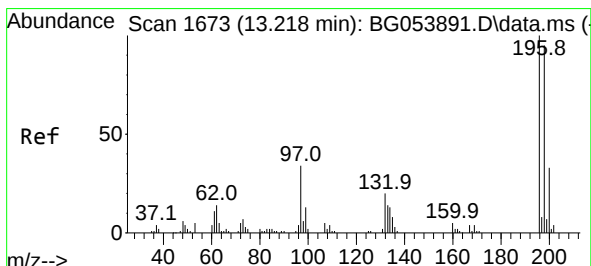
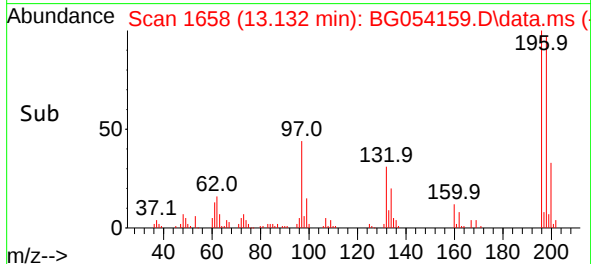
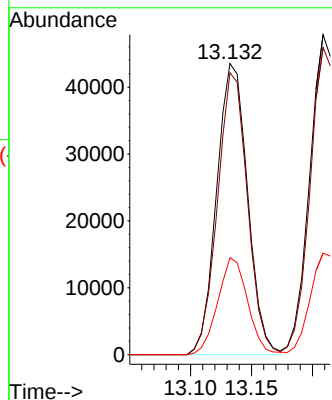
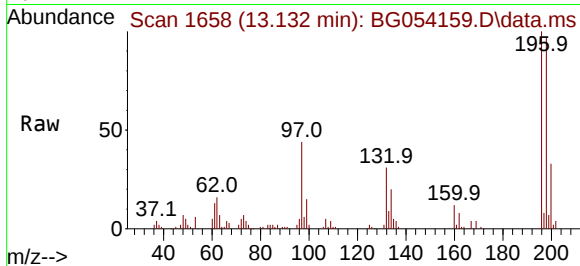




#43  
2,4,6-Trichlorophenol  
Concen: 51.741 ng  
RT: 13.132 min Scan# 1658  
Delta R.T. -0.003 min  
Lab File: BG054159.D  
Acq: 30 Jun 2022 00:13

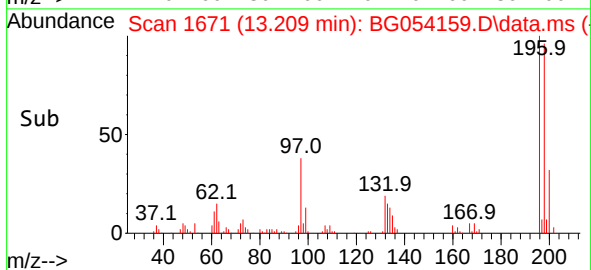
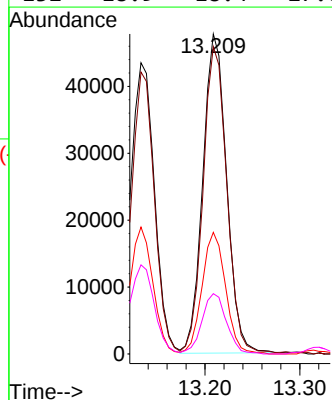
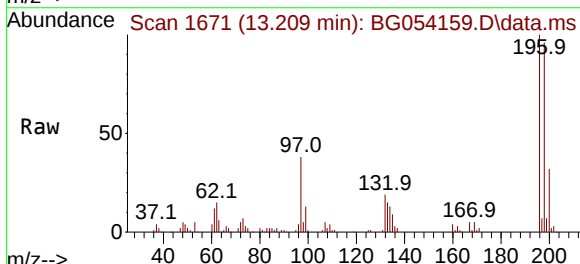
Instrument :  
BNA\_G  
ClientSampleId :  
R-1MS

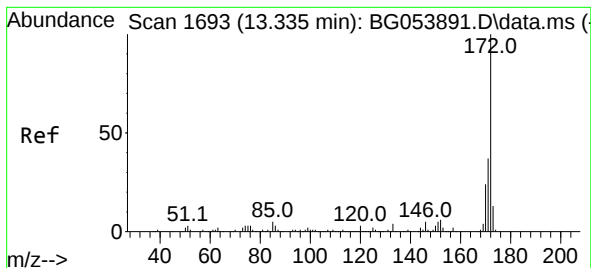
Tgt Ion:196 Resp: 76734  
Ion Ratio Lower Upper  
196 100  
198 96.8 74.1 111.1  
200 33.3 24.7 37.1



#44  
2,4,5-Trichlorophenol  
Concen: 50.264 ng  
RT: 13.209 min Scan# 1671  
Delta R.T. 0.003 min  
Lab File: BG054159.D  
Acq: 30 Jun 2022 00:13

Tgt Ion:196 Resp: 83233  
Ion Ratio Lower Upper  
196 100  
198 96.0 76.8 115.2  
97 38.0 39.8 59.6#  
132 18.9 18.4 27.6

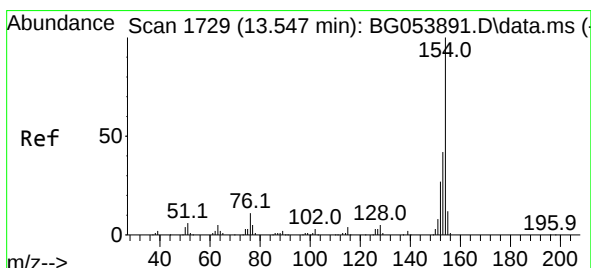
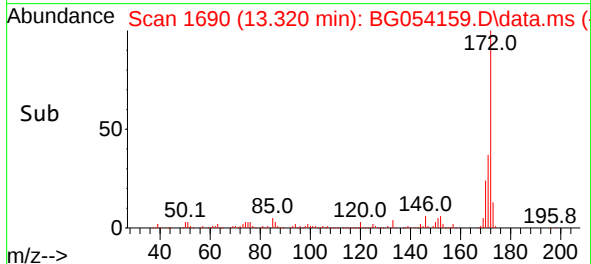
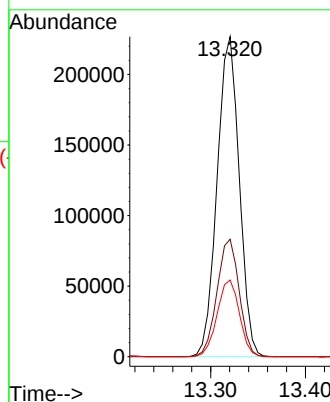
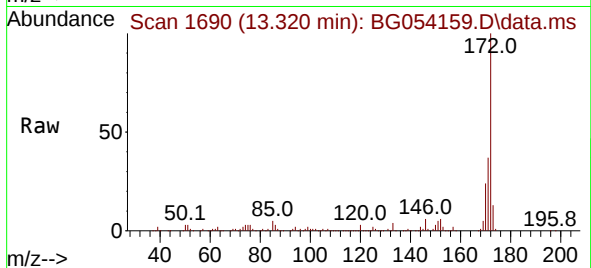




#45  
2-Fluorobiphenyl  
Concen: 78.124 ng  
RT: 13.320 min Scan# 1  
Delta R.T. -0.003 min  
Lab File: BG054159.D  
Acq: 30 Jun 2022 00:13

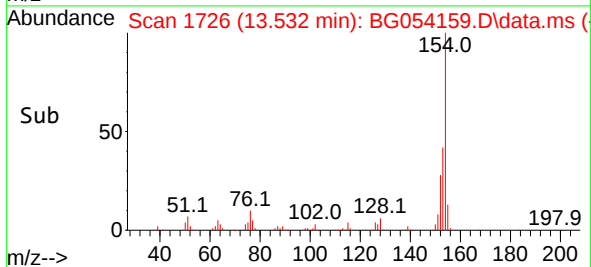
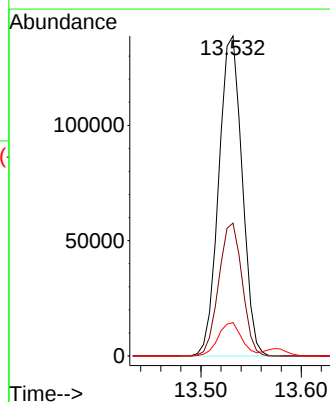
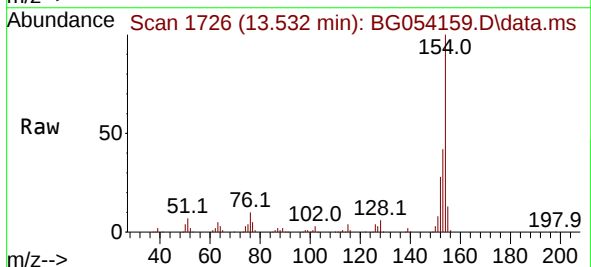
Instrument :  
BNA\_G  
ClientSampleId :  
R-1MS

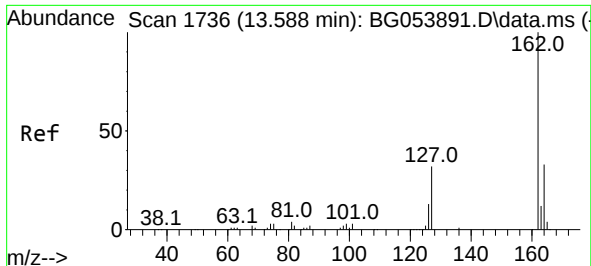
Tgt Ion:172 Resp: 368118  
Ion Ratio Lower Upper  
172 100  
171 36.7 28.5 42.7  
170 23.9 18.9 28.3



#46  
1,1'-Biphenyl  
Concen: 47.000 ng  
RT: 13.532 min Scan# 1726  
Delta R.T. -0.003 min  
Lab File: BG054159.D  
Acq: 30 Jun 2022 00:13

Tgt Ion:154 Resp: 224317  
Ion Ratio Lower Upper  
154 100  
153 41.5 21.6 61.6  
76 10.4 0.0 32.6

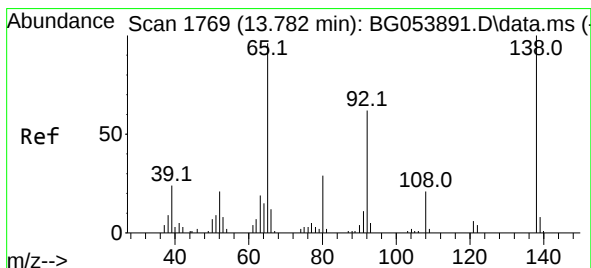
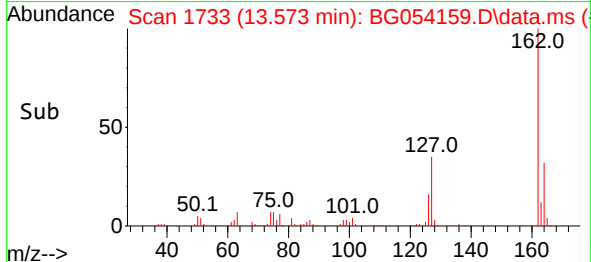
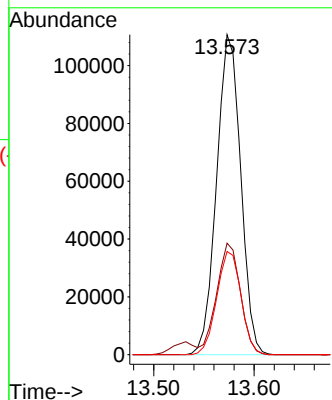
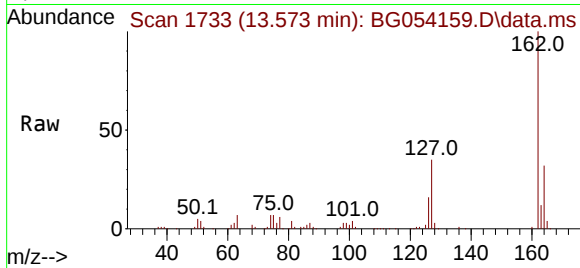




#47  
2-Chloronaphthalene  
Concen: 47.753 ng  
RT: 13.573 min Scan# 1  
Delta R.T. -0.003 min  
Lab File: BG054159.D  
Acq: 30 Jun 2022 00:13

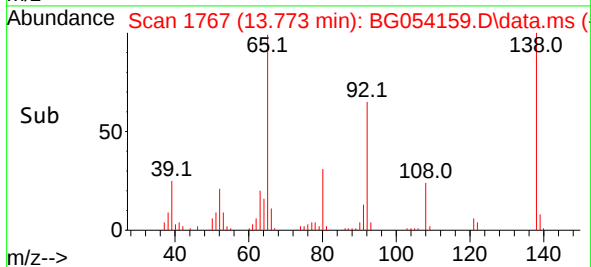
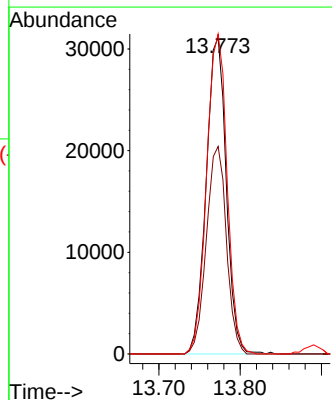
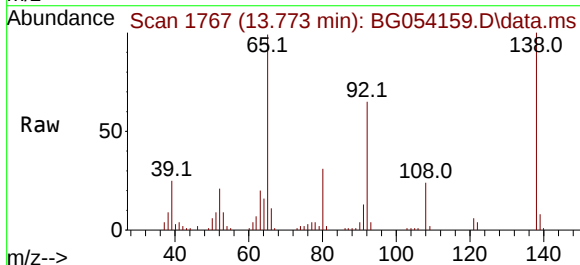
Instrument :  
BNA\_G  
ClientSampleId :  
R-1MS

Tgt Ion:162 Resp: 184446  
Ion Ratio Lower Upper  
162 100  
127 34.8 30.6 45.8  
164 32.2 26.5 39.7



#48  
2-Nitroaniline  
Concen: 51.903 ng  
RT: 13.773 min Scan# 1767  
Delta R.T. 0.003 min  
Lab File: BG054159.D  
Acq: 30 Jun 2022 00:13

Tgt Ion: 65 Resp: 53328  
Ion Ratio Lower Upper  
65 100  
92 65.6 51.5 77.3  
138 101.1 71.3 106.9

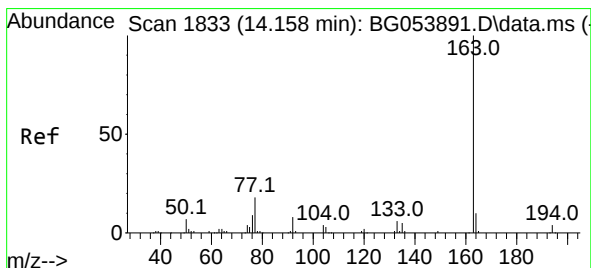
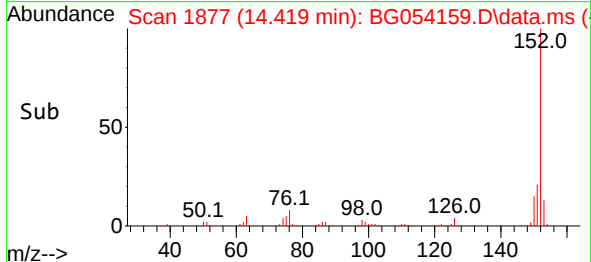
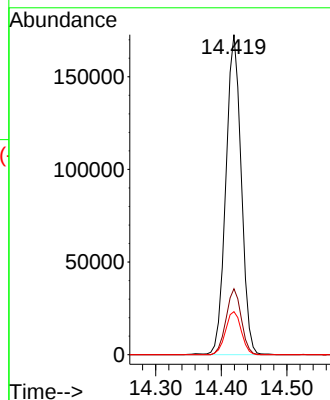
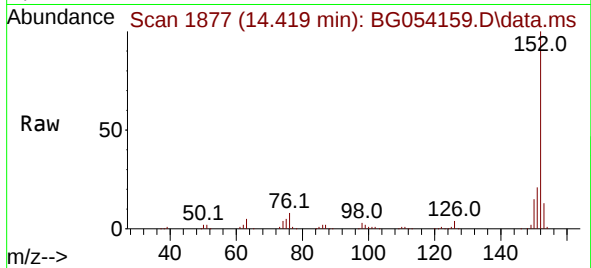




#49  
Acenaphthylene  
Concen: 46.602 ng  
RT: 14.419 min Scan# 1877  
Delta R.T. -0.003 min  
Lab File: BG054159.D  
Acq: 30 Jun 2022 00:13

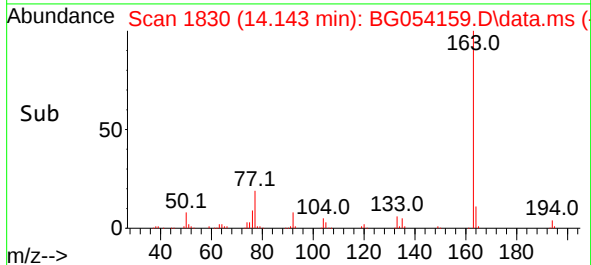
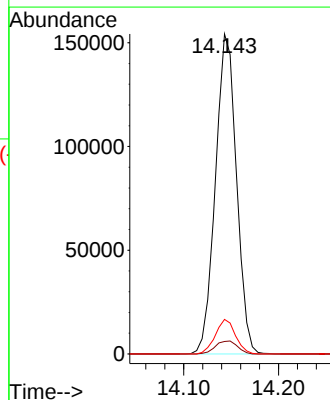
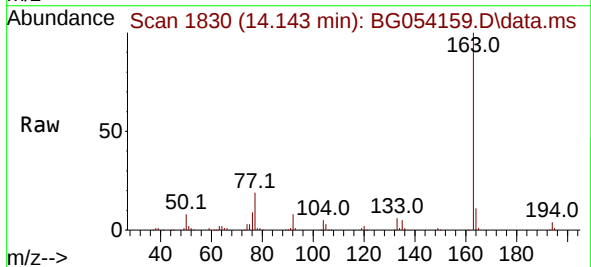
Instrument :  
BNA\_G  
ClientSampleId :  
R-1MS

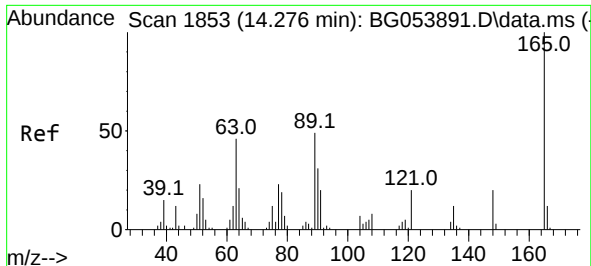
Tgt Ion:152 Resp: 279899  
Ion Ratio Lower Upper  
152 100  
151 20.6 16.4 24.6  
153 13.4 10.8 16.2



#50  
Dimethylphthalate  
Concen: 45.585 ng  
RT: 14.143 min Scan# 1830  
Delta R.T. -0.003 min  
Lab File: BG054159.D  
Acq: 30 Jun 2022 00:13

Tgt Ion:163 Resp: 237871  
Ion Ratio Lower Upper  
163 100  
194 3.9 3.0 4.6  
164 10.8 8.0 12.0

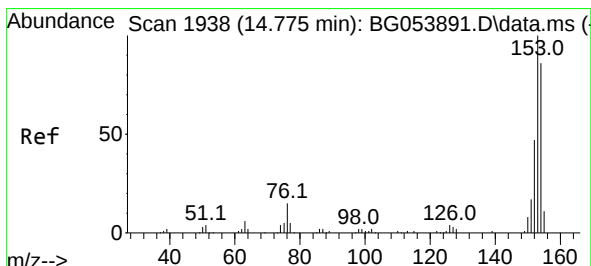
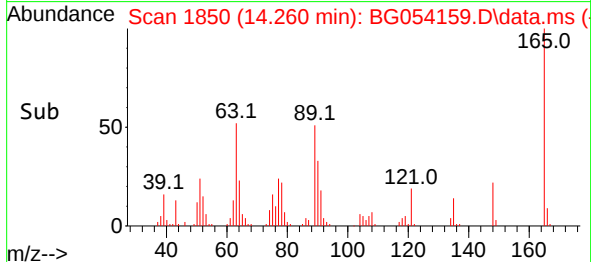
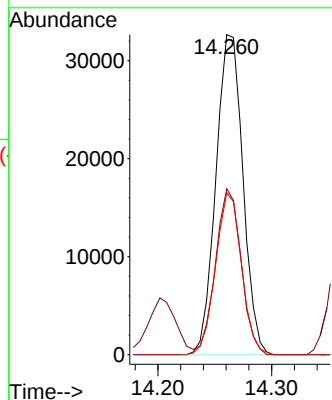
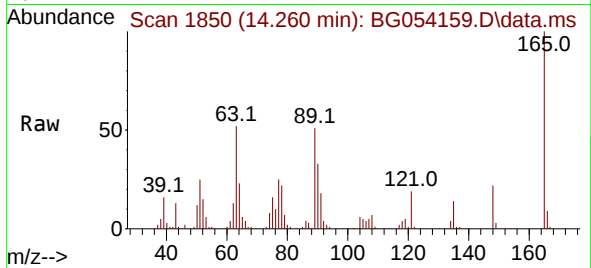




#51  
2,6-Dinitrotoluene  
Concen: 51.059 ng  
RT: 14.260 min Scan# 1850  
Delta R.T. -0.003 min  
Lab File: BG054159.D  
Acq: 30 Jun 2022 00:13

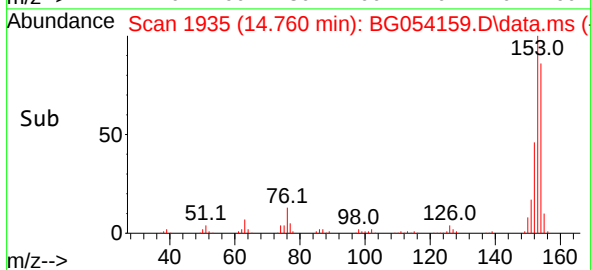
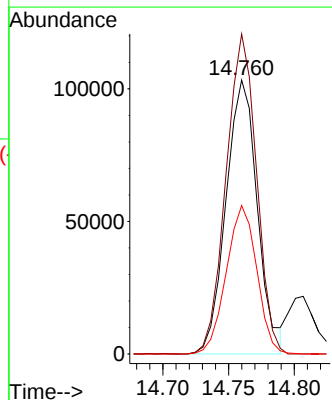
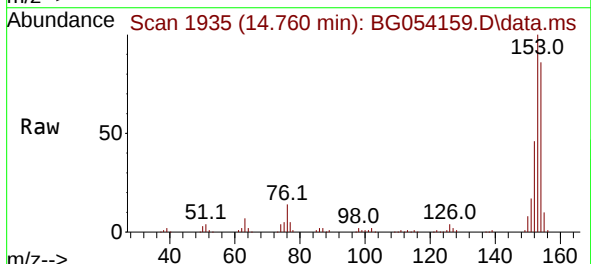
Instrument :  
BNA\_G  
ClientSampleId :  
R-1MS

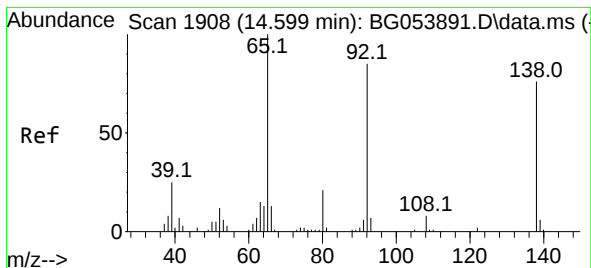
Tgt Ion:165 Resp: 53831  
Ion Ratio Lower Upper  
165 100  
63 51.8 54.1 81.1#  
89 50.6 54.8 82.2#



#52  
Acenaphthene  
Concen: 44.931 ng  
RT: 14.760 min Scan# 1935  
Delta R.T. -0.003 min  
Lab File: BG054159.D  
Acq: 30 Jun 2022 00:13

Tgt Ion:154 Resp: 172018  
Ion Ratio Lower Upper  
154 100  
153 116.8 92.7 139.1  
152 54.2 42.6 64.0

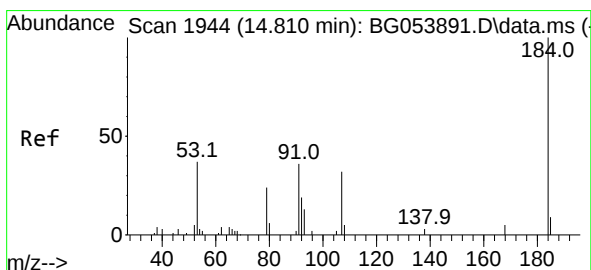
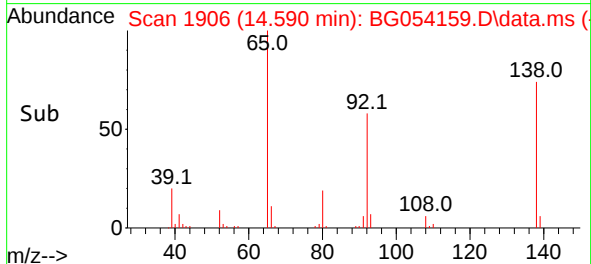
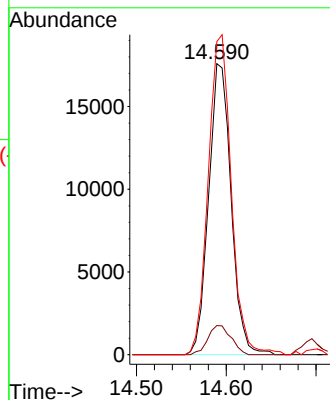
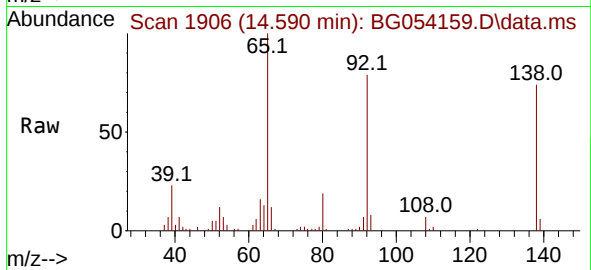




#53  
3-Nitroaniline  
Concen: 29.924 ng  
RT: 14.590 min Scan# 1906  
Delta R.T. -0.003 min  
Lab File: BG054159.D  
Acq: 30 Jun 2022 00:13

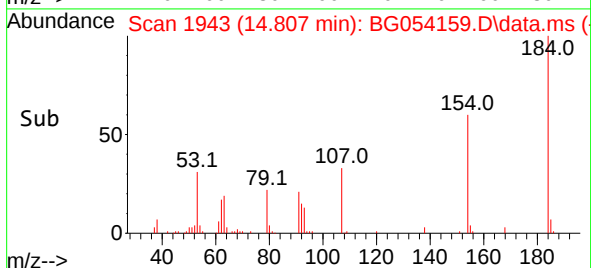
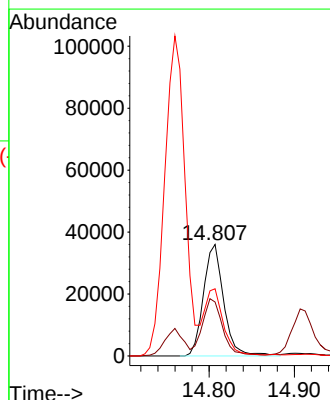
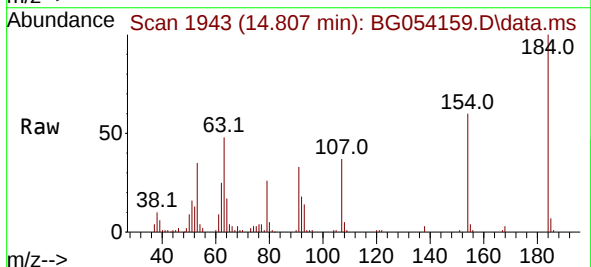
Instrument :  
BNA\_G  
ClientSampleId :  
R-1MS

Tgt Ion:138 Resp: 30565  
Ion Ratio Lower Upper  
138 100  
108 10.0 9.2 13.8  
92 107.6 101.9 152.9



#54  
2,4-Dinitrophenol  
Concen: 100.230 ng  
RT: 14.807 min Scan# 1943  
Delta R.T. 0.003 min  
Lab File: BG054159.D  
Acq: 30 Jun 2022 00:13

Tgt Ion:184 Resp: 59446  
Ion Ratio Lower Upper  
184 100  
63 48.4 61.1 91.7#  
154 60.3 60.6 91.0#

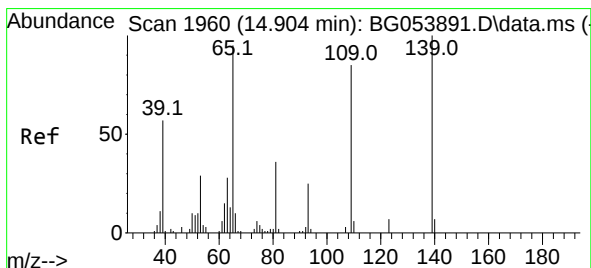
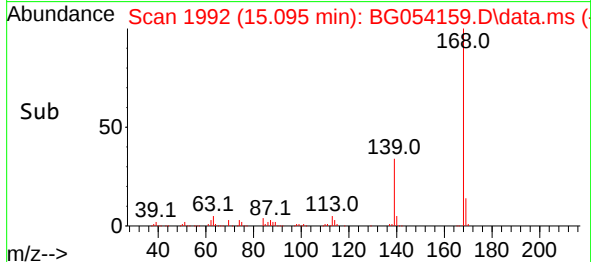
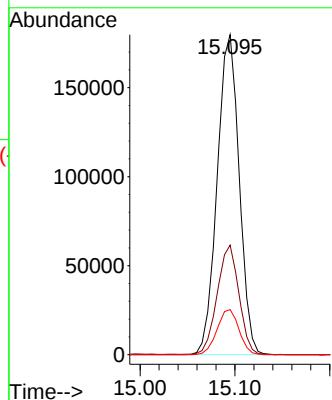
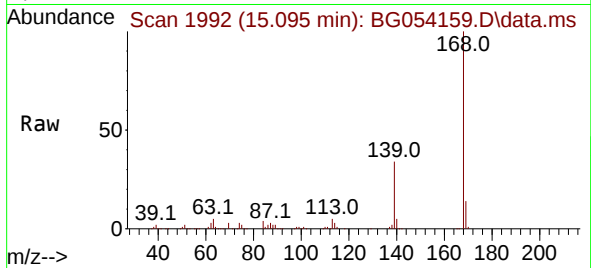




#55  
Dibenzenofuran  
Concen: 46.970 ng  
RT: 15.095 min Scan# 1995  
Delta R.T. 0.003 min  
Lab File: BG054159.D  
Acq: 30 Jun 2022 00:13

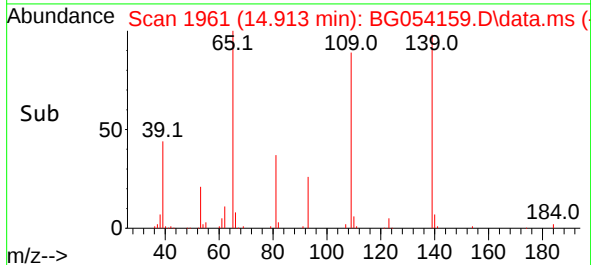
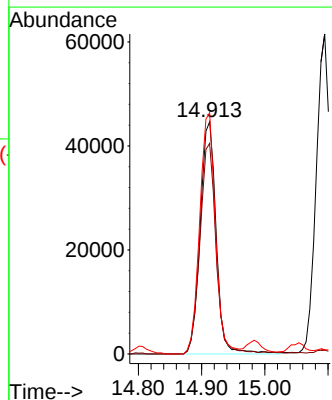
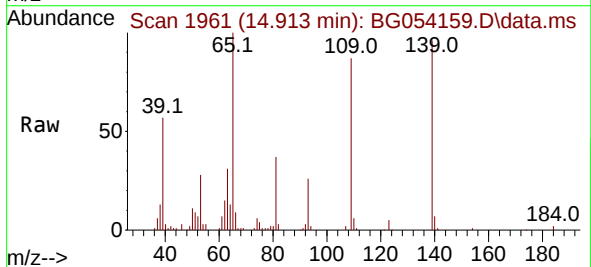
Instrument :  
BNA\_G  
ClientSampleId :  
R-1MS

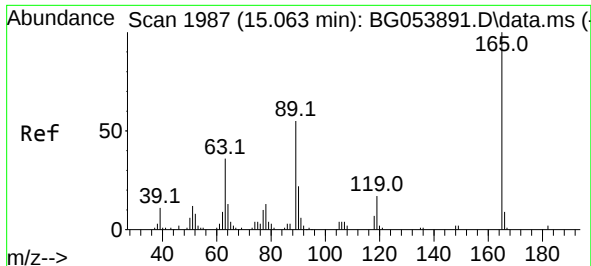
Tgt Ion:168 Resp: 289730  
Ion Ratio Lower Upper  
168 100  
139 34.2 30.5 45.7  
169 14.1 10.3 15.5



#56  
4-Nitrophenol  
Concen: 107.977 ng  
RT: 14.913 min Scan# 1961  
Delta R.T. 0.015 min  
Lab File: BG054159.D  
Acq: 30 Jun 2022 00:13

Tgt Ion:139 Resp: 78302  
Ion Ratio Lower Upper  
139 100  
109 90.7 88.5 128.5  
65 103.8 93.9 133.9

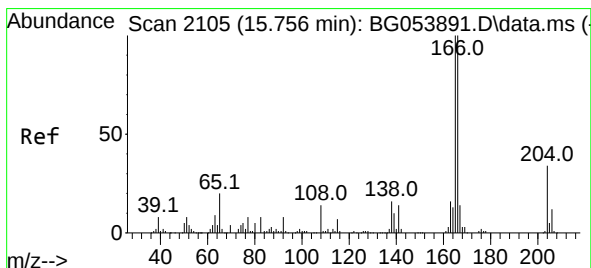
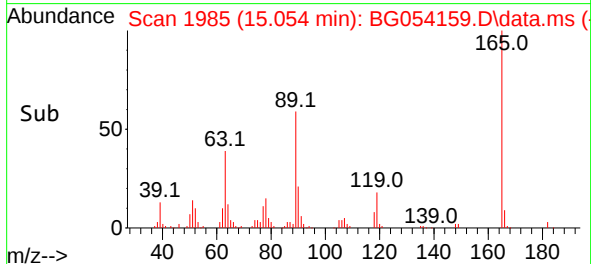
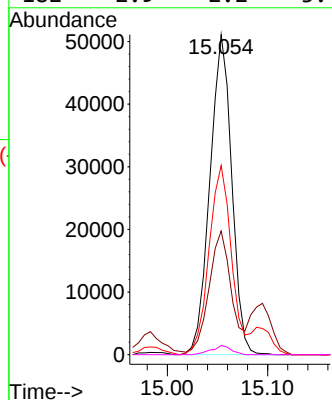
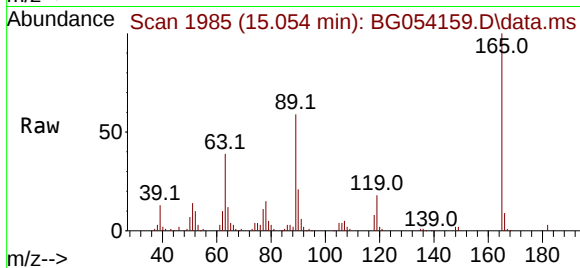




#57  
2,4-Dinitrotoluene  
Concen: 51.823 ng  
RT: 15.054 min Scan# 1985  
Delta R.T. 0.003 min  
Lab File: BG054159.D  
Acq: 30 Jun 2022 00:13

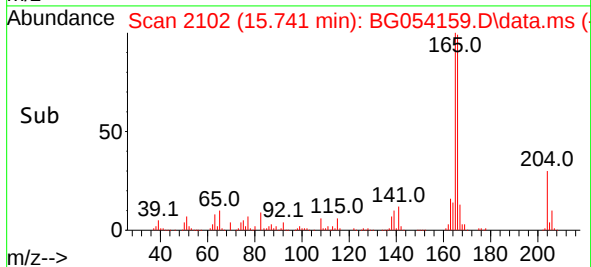
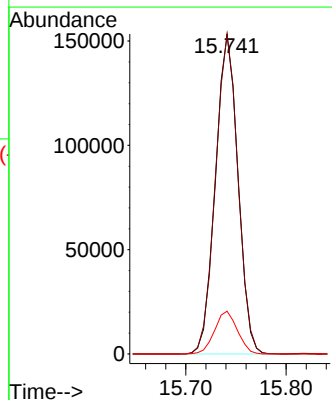
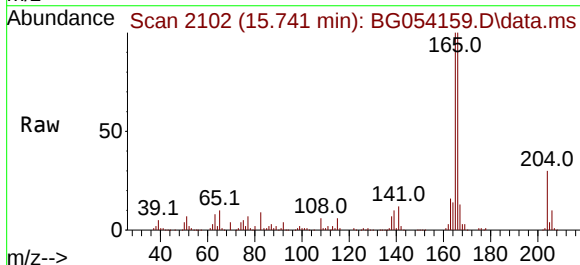
Instrument :  
BNA\_G  
ClientSampleId :  
R-1MS

Tgt Ion:165 Resp: 77163  
Ion Ratio Lower Upper  
165 100  
63 38.6 34.6 52.0  
89 59.1 60.3 90.5#  
182 2.9 2.2 3.4



#58  
Fluorene  
Concen: 46.983 ng  
RT: 15.741 min Scan# 2102  
Delta R.T. -0.003 min  
Lab File: BG054159.D  
Acq: 30 Jun 2022 00:13

Tgt Ion:166 Resp: 237951  
Ion Ratio Lower Upper  
166 100  
165 100.3 75.0 112.6  
167 13.4 10.8 16.2

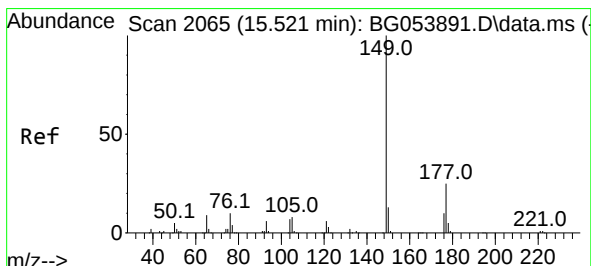
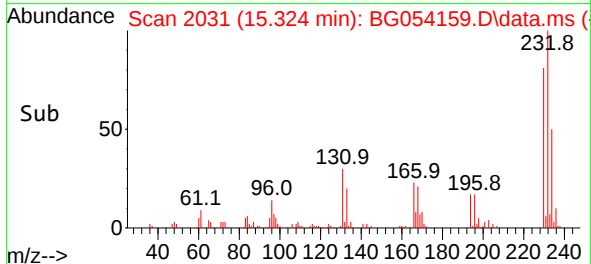
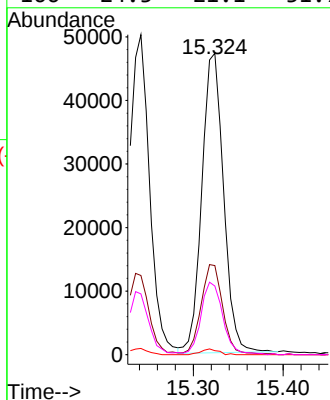
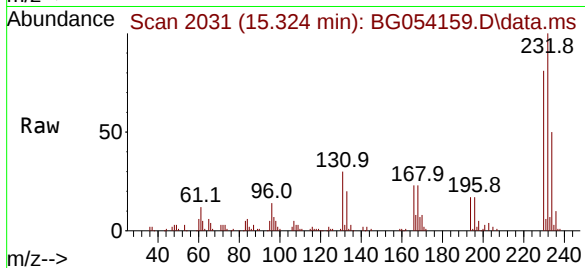




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 48.935 ng  
RT: 15.324 min Scan# 2032  
Delta R.T. 0.003 min  
Lab File: BG054159.D  
Acq: 30 Jun 2022 00:13

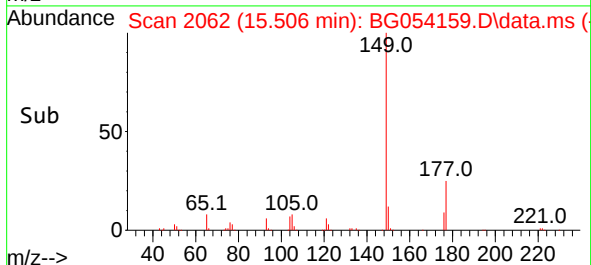
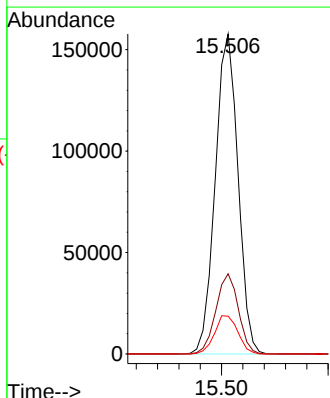
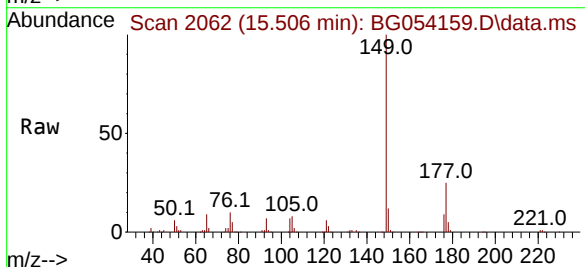
Instrument :  
BNA\_G  
ClientSampleId :  
R-1MS

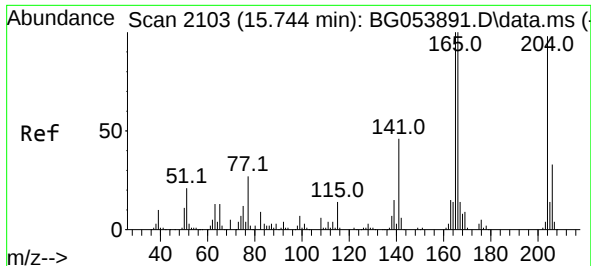
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 232   | Resp: | 79244 |
| Ion Ratio | Lower | Upper |       |
| 232       | 100   |       |       |
| 131       | 30.2  | 30.6  | 46.0# |
| 130       | 1.5   | 1.8   | 2.8#  |
| 166       | 24.3  | 21.1  | 31.7  |



#60  
Diethylphthalate  
Concen: 46.107 ng  
RT: 15.506 min Scan# 2062  
Delta R.T. -0.003 min  
Lab File: BG054159.D  
Acq: 30 Jun 2022 00:13

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 232999 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 177       | 25.1  | 18.4  | 27.6   |
| 150       | 11.8  | 11.2  | 16.8   |

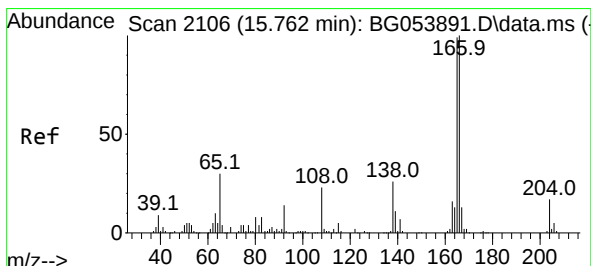
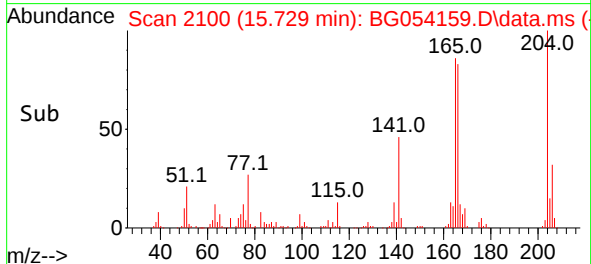
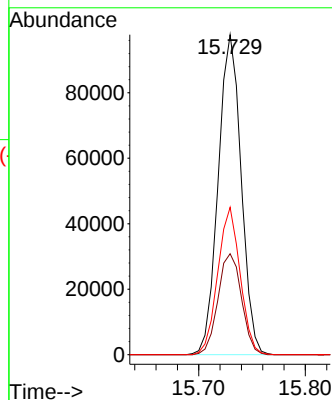
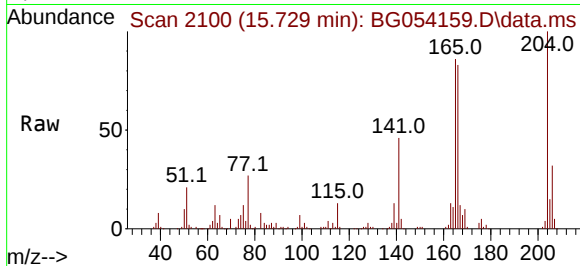




#61  
4-Chlorophenyl-phenylether  
Concen: 48.143 ng  
RT: 15.729 min Scan# 2103  
Delta R.T. -0.003 min  
Lab File: BG054159.D  
Acq: 30 Jun 2022 00:13

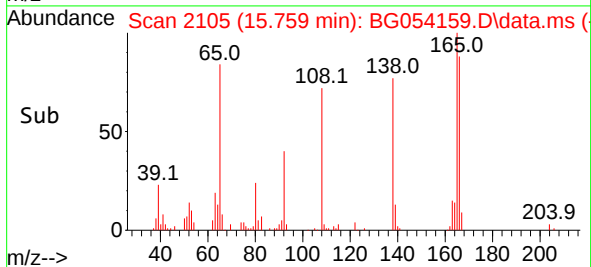
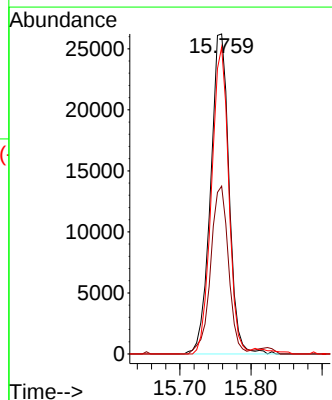
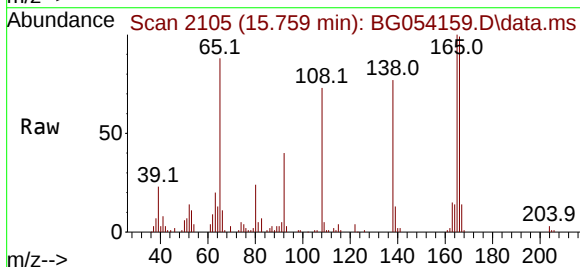
Instrument :  
BNA\_G  
ClientSampleId :  
R-1MS

Tgt Ion:204 Resp: 145972  
Ion Ratio Lower Upper  
204 100  
206 31.5 27.5 41.3  
141 46.1 45.3 67.9



#62  
4-Nitroaniline  
Concen: 44.362 ng  
RT: 15.759 min Scan# 2105  
Delta R.T. 0.003 min  
Lab File: BG054159.D  
Acq: 30 Jun 2022 00:13

Tgt Ion:138 Resp: 47254  
Ion Ratio Lower Upper  
138 100  
92 52.5 40.5 80.5  
108 95.8 103.7 143.7#

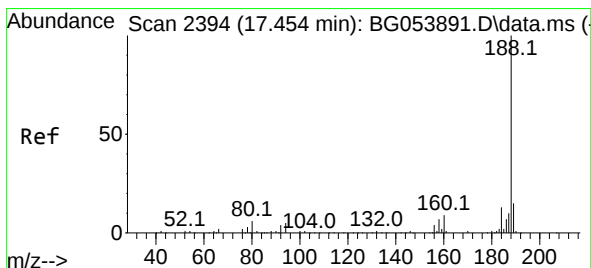
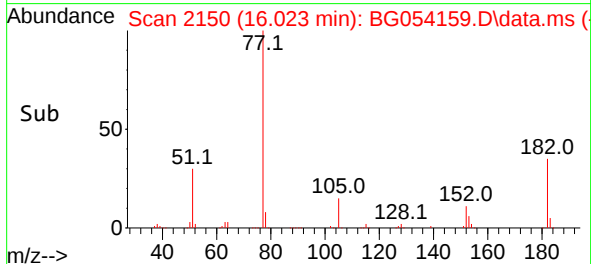
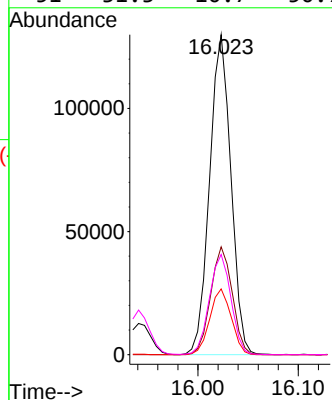
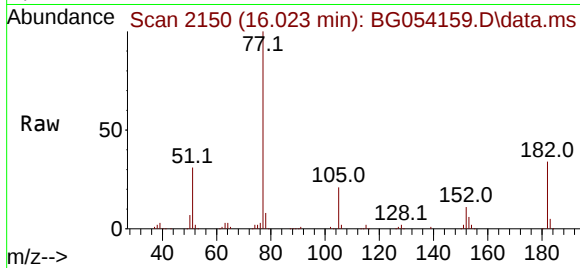




#63  
Azobenzene  
Concen: 47.227 ng  
RT: 16.023 min Scan# 2153  
Delta R.T. -0.003 min  
Lab File: BG054159.D  
Acq: 30 Jun 2022 00:13

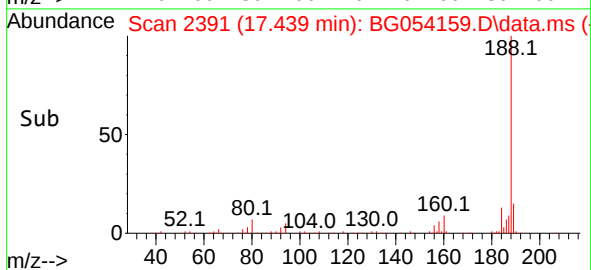
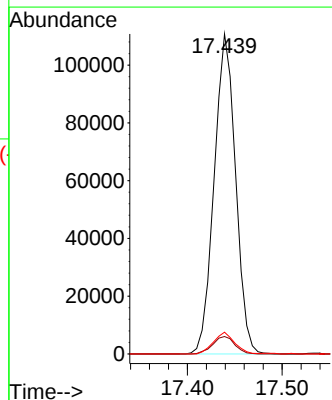
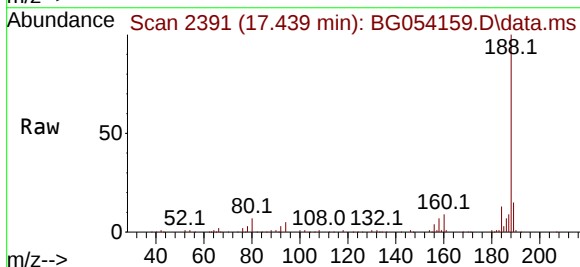
Instrument :  
BNA\_G  
ClientSampleId :  
R-1MS

|             |              |
|-------------|--------------|
| Tgt Ion: 77 | Resp: 192109 |
| Ion Ratio   | Lower Upper  |
| 77 100      |              |
| 182 33.7    | 3.8 43.8     |
| 105 20.6    | 0.0 37.8     |
| 51 31.3     | 10.7 50.7    |



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.439 min Scan# 2391  
Delta R.T. -0.003 min  
Lab File: BG054159.D  
Acq: 30 Jun 2022 00:13

|             |              |
|-------------|--------------|
| Tgt Ion:188 | Resp: 173742 |
| Ion Ratio   | Lower Upper  |
| 188 100     |              |
| 94 5.4      | 5.4 8.0      |
| 80 6.8      | 6.8 10.2     |

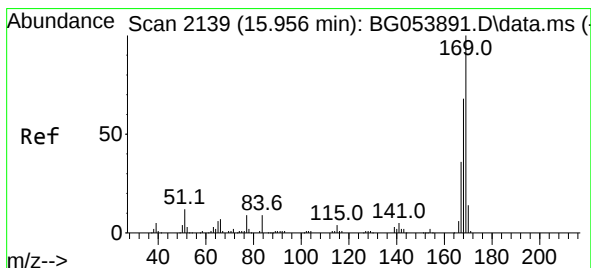
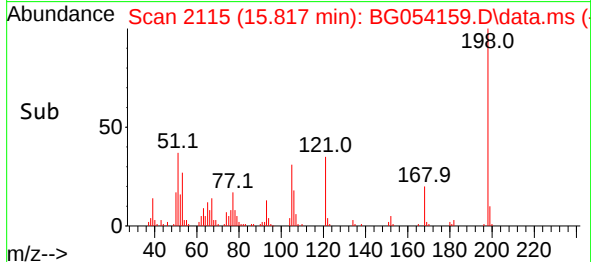
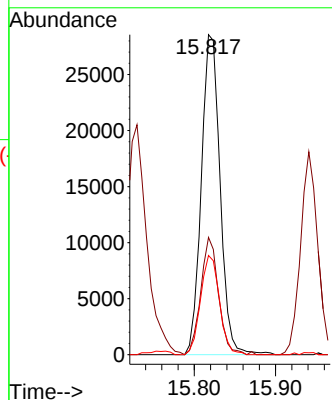
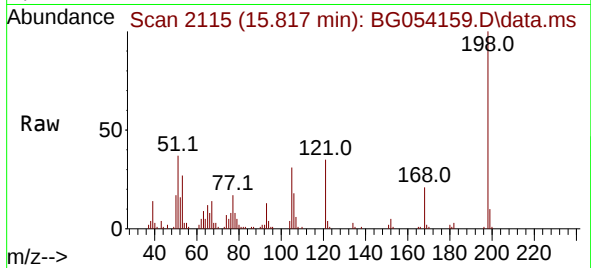




#65  
4,6-Dinitro-2-methylphenol  
Concen: 52.831 ng  
RT: 15.817 min Scan# 2115  
Delta R.T. 0.003 min  
Lab File: BG054159.D  
Acq: 30 Jun 2022 00:13

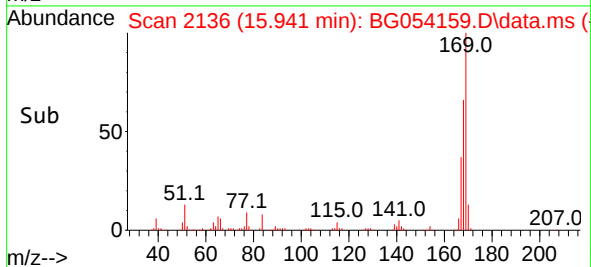
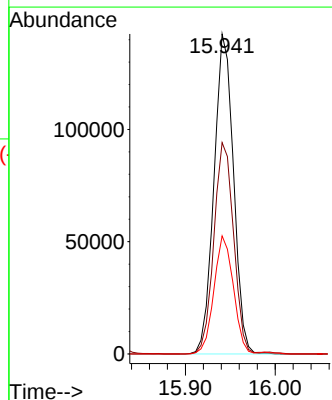
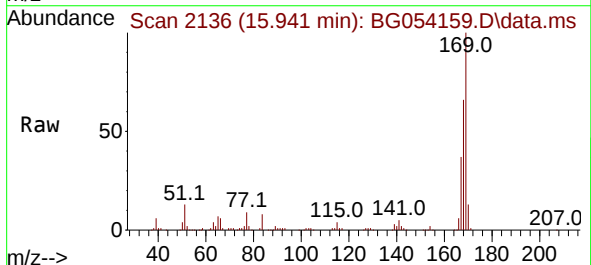
Instrument :  
BNA\_G  
ClientSampleId :  
R-1MS

Tgt Ion:198 Resp: 45794  
Ion Ratio Lower Upper  
198 100  
51 36.7 28.1 68.1  
105 31.0 20.3 60.3



#66  
n-Nitrosodiphenylamine  
Concen: 47.489 ng  
RT: 15.941 min Scan# 2136  
Delta R.T. -0.003 min  
Lab File: BG054159.D  
Acq: 30 Jun 2022 00:13

Tgt Ion:169 Resp: 215033  
Ion Ratio Lower Upper  
169 100  
168 66.0 55.9 83.9  
167 36.9 30.6 46.0

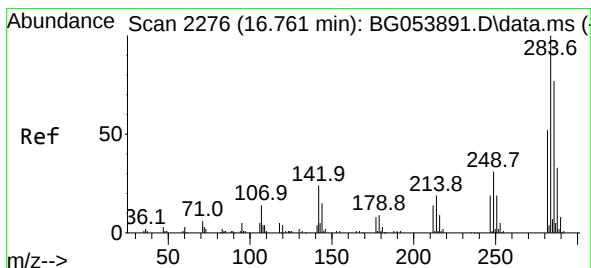
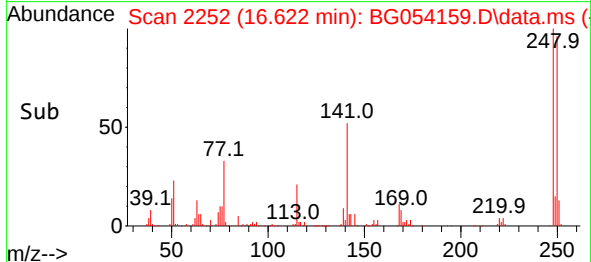
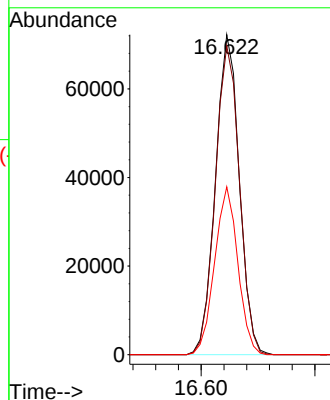
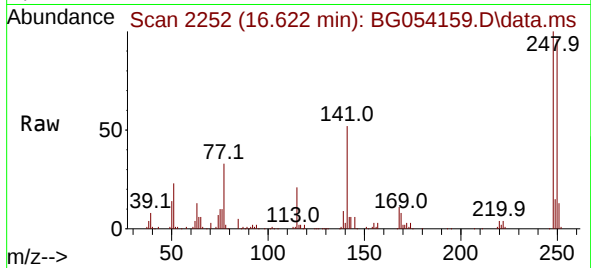




#67  
4-Bromophenyl-phenylether  
Concen: 48.515 ng  
RT: 16.622 min Scan# 21  
Delta R.T. -0.003 min  
Lab File: BG054159.D  
Acq: 30 Jun 2022 00:13

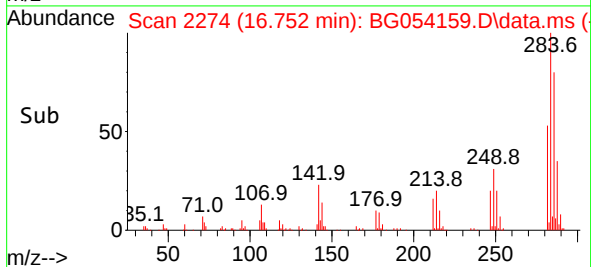
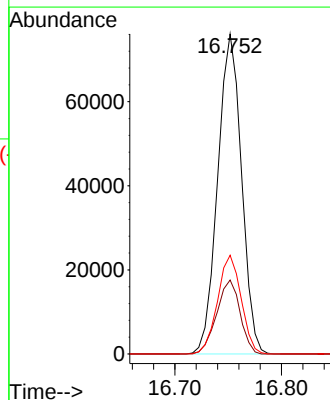
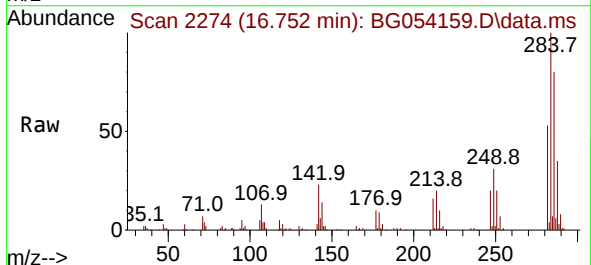
Instrument :  
BNA\_G  
ClientSampleId :  
R-1MS

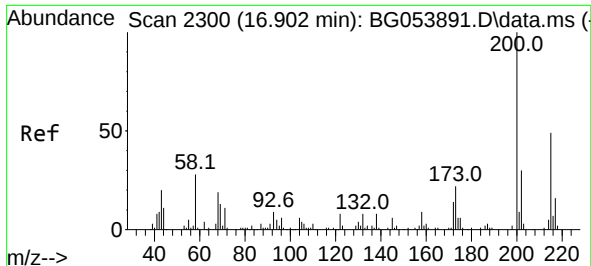
Tgt Ion:248 Resp: 105275  
Ion Ratio Lower Upper  
248 100  
250 96.5 75.2 112.8  
141 52.4 50.0 75.0



#68  
Hexachlorobenzene  
Concen: 47.506 ng  
RT: 16.752 min Scan# 2274  
Delta R.T. -0.003 min  
Lab File: BG054159.D  
Acq: 30 Jun 2022 00:13

Tgt Ion:284 Resp: 117919  
Ion Ratio Lower Upper  
284 100  
142 23.1 23.6 35.4#  
249 33.3 25.8 38.6

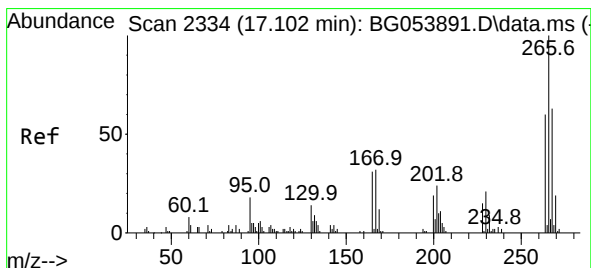
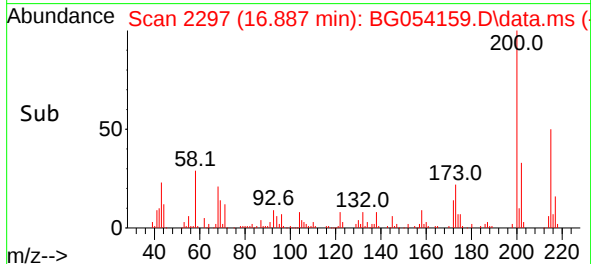
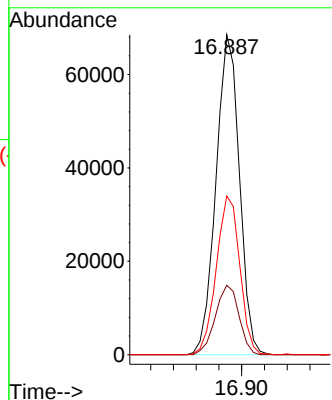
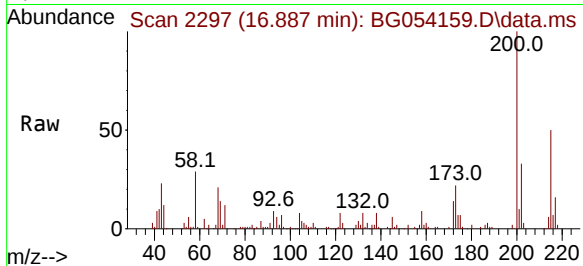




#69  
 Atrazine  
 Concen: 52.281 ng  
 RT: 16.887 min Scan# 21  
 Delta R.T. -0.003 min  
 Lab File: BG054159.D  
 Acq: 30 Jun 2022 00:13

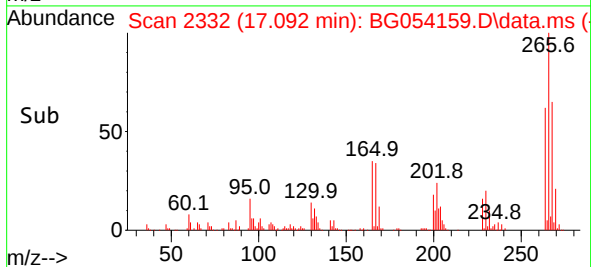
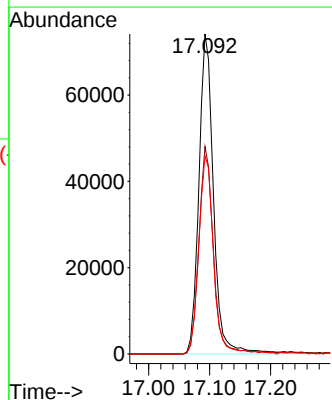
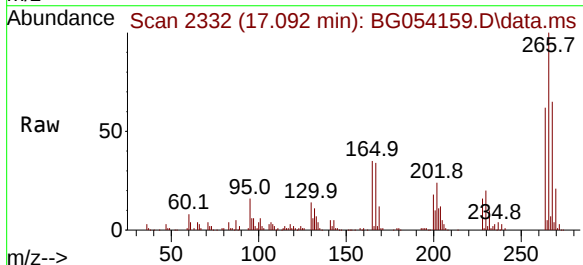
Instrument :  
 BNA\_G  
 ClientSampleId :  
 R-1MS

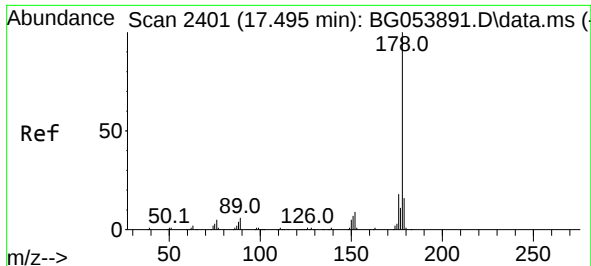
Tgt Ion:200 Resp: 98066  
 Ion Ratio Lower Upper  
 200 100  
 173 21.7 3.7 43.7  
 215 49.6 25.2 65.2



#70  
 Pentachlorophenol  
 Concen: 106.861 ng  
 RT: 17.092 min Scan# 2332  
 Delta R.T. -0.003 min  
 Lab File: BG054159.D  
 Acq: 30 Jun 2022 00:13

Tgt Ion:266 Resp: 123213  
 Ion Ratio Lower Upper  
 266 100  
 268 69.0 56.2 84.2  
 264 61.9 53.0 79.4

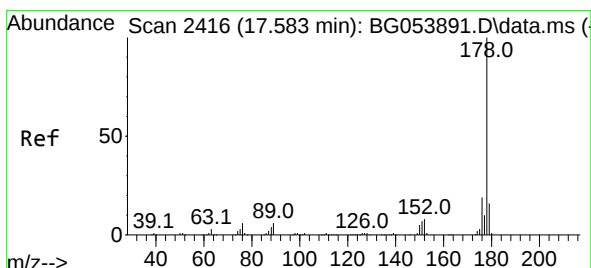
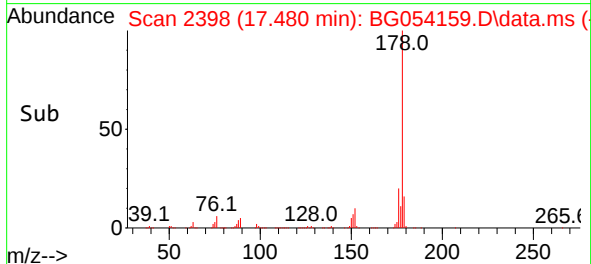
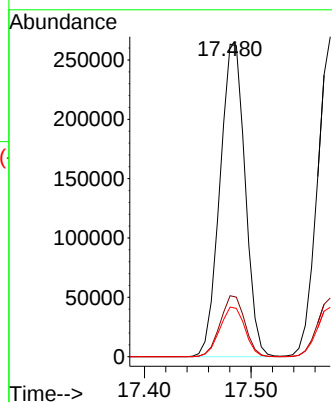
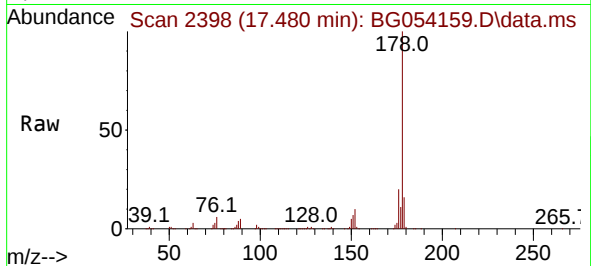




#71  
Phenanthrene  
Concen: 48.382 ng  
RT: 17.480 min Scan# 21  
Delta R.T. -0.003 min  
Lab File: BG054159.D  
Acq: 30 Jun 2022 00:13

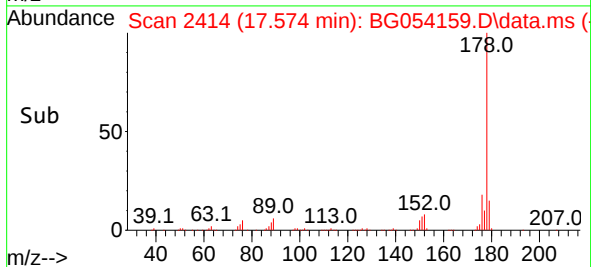
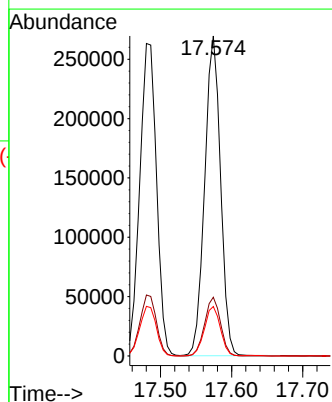
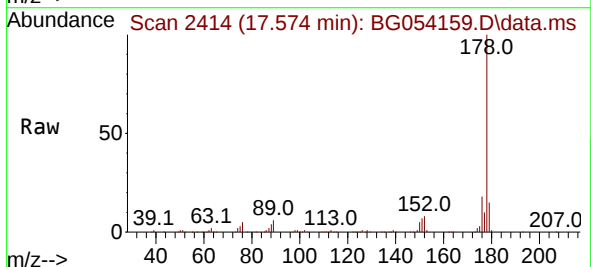
Instrument :  
BNA\_G  
ClientSampleId :  
R-1MS

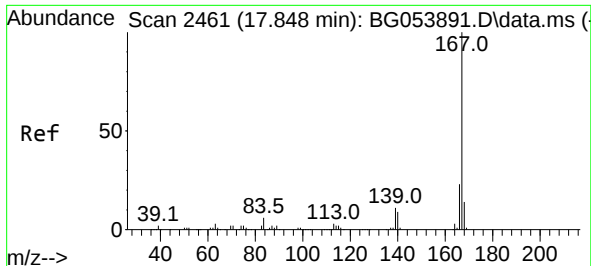
Tgt Ion:178 Resp: 431875  
Ion Ratio Lower Upper  
178 100  
176 19.5 14.1 21.1  
179 15.9 12.1 18.1



#72  
Anthracene  
Concen: 48.012 ng  
RT: 17.574 min Scan# 2414  
Delta R.T. -0.003 min  
Lab File: BG054159.D  
Acq: 30 Jun 2022 00:13

Tgt Ion:178 Resp: 418514  
Ion Ratio Lower Upper  
178 100  
176 18.4 15.2 22.8  
179 15.5 13.0 19.4

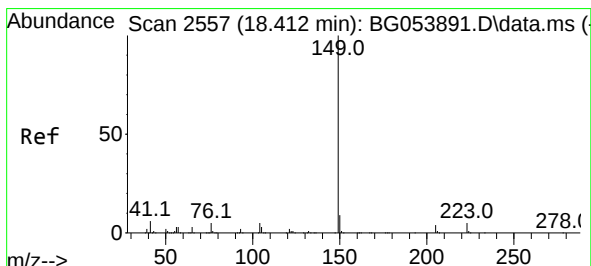
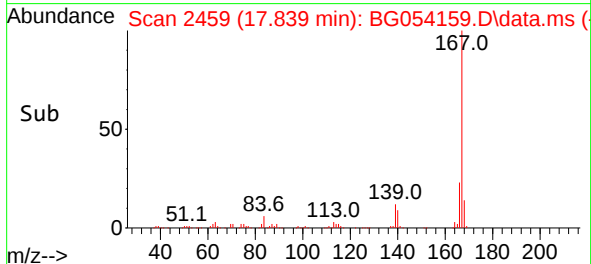
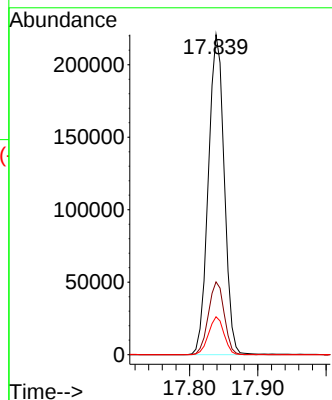
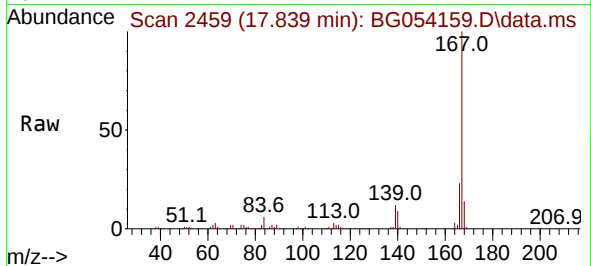




#73  
 Carbazole  
 Concen: 47.838 ng  
 RT: 17.839 min Scan# 2461  
 Delta R.T. -0.003 min  
 Lab File: BG054159.D  
 Acq: 30 Jun 2022 00:13

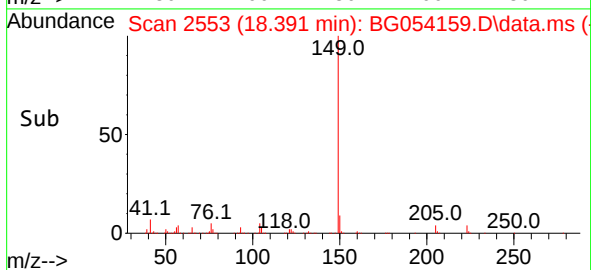
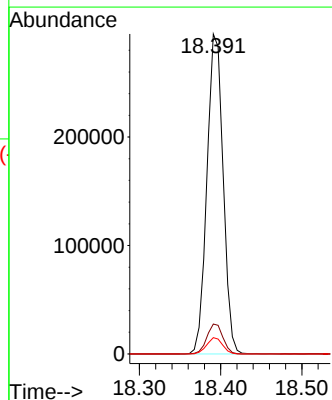
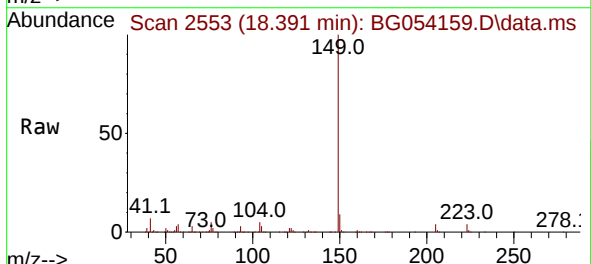
Instrument :  
 BNA\_G  
 ClientSampleId :  
 R-1MS

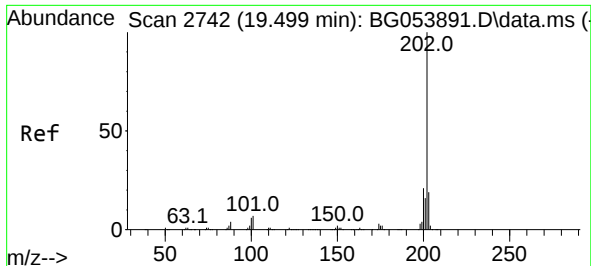
Tgt Ion:167 Resp: 357922  
 Ion Ratio Lower Upper  
 167 100  
 166 22.8 18.2 27.2  
 139 11.9 10.1 15.1



#74  
 Di-n-butylphthalate  
 Concen: 47.049 ng  
 RT: 18.391 min Scan# 2553  
 Delta R.T. -0.009 min  
 Lab File: BG054159.D  
 Acq: 30 Jun 2022 00:13

Tgt Ion:149 Resp: 407011  
 Ion Ratio Lower Upper  
 149 100  
 150 9.4 7.7 11.5  
 104 5.1 5.4 8.0#

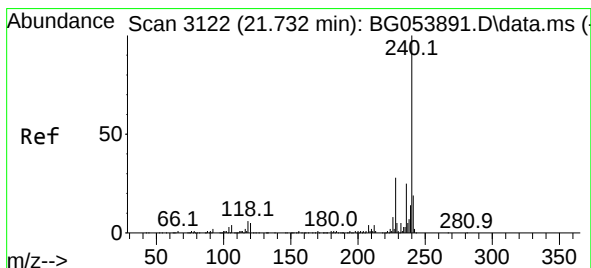
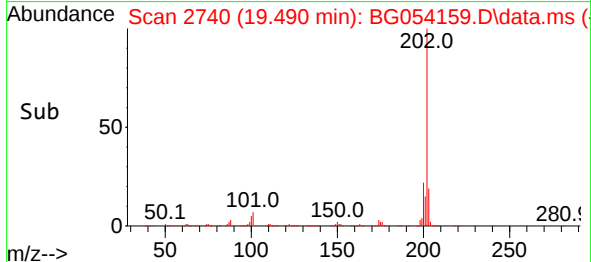
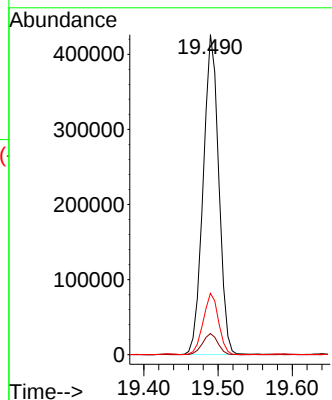
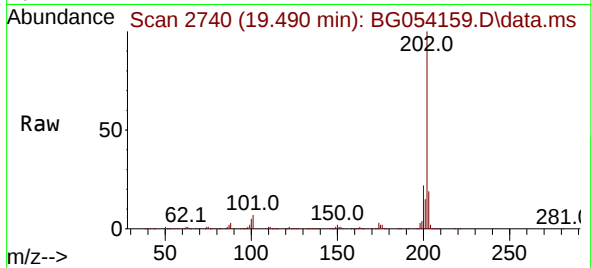




#75  
Fluoranthene  
Concen: 53.156 ng  
RT: 19.490 min Scan# 21  
Delta R.T. -0.003 min  
Lab File: BG054159.D  
Acq: 30 Jun 2022 00:13

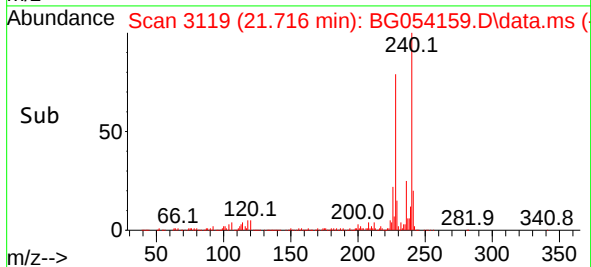
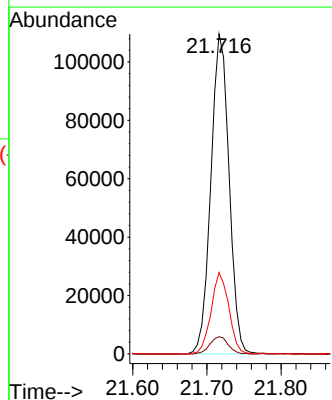
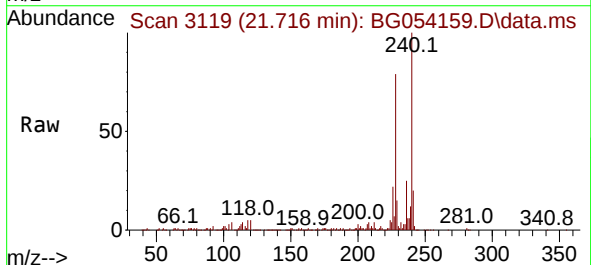
Instrument :  
BNA\_G  
ClientSampleId :  
R-1MS

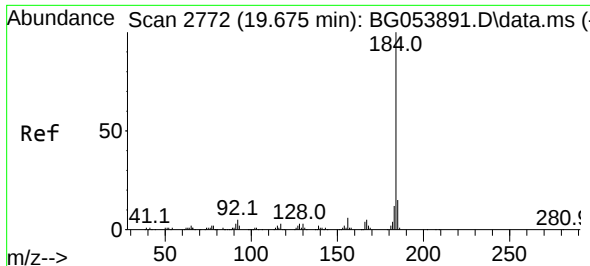
Tgt Ion:202 Resp: 622874  
Ion Ratio Lower Upper  
202 100  
101 6.6 0.0 26.9  
203 19.2 0.0 37.2



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.716 min Scan# 3119  
Delta R.T. -0.003 min  
Lab File: BG054159.D  
Acq: 30 Jun 2022 00:13

Tgt Ion:240 Resp: 187113  
Ion Ratio Lower Upper  
240 100  
120 5.4 4.6 7.0  
236 25.5 20.2 30.4

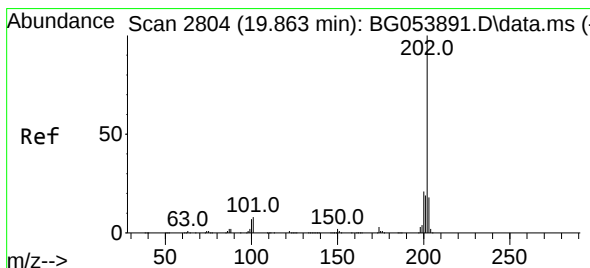
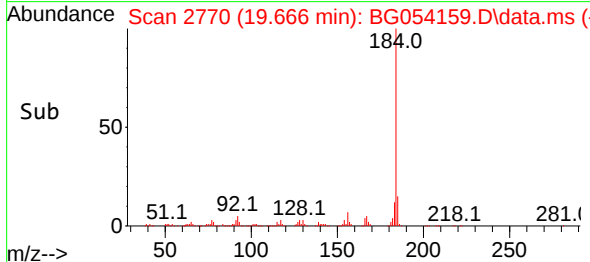
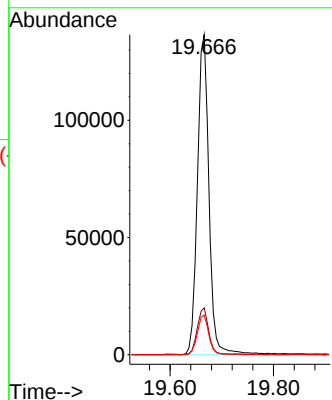
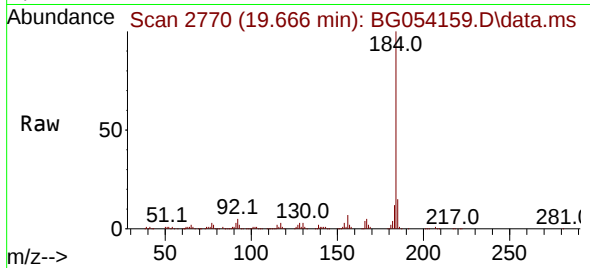




#77  
Benzidine  
Concen: 54.711 ng  
RT: 19.666 min Scan# 21  
Delta R.T. 0.003 min  
Lab File: BG054159.D  
Acq: 30 Jun 2022 00:13

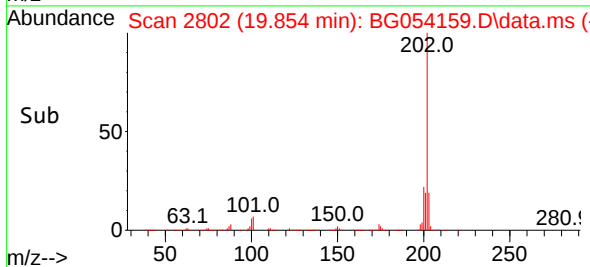
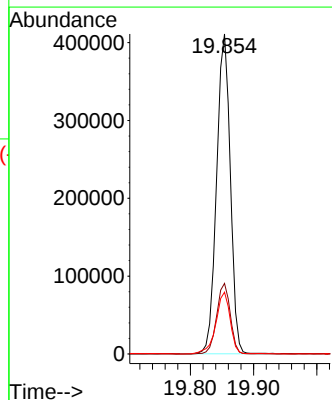
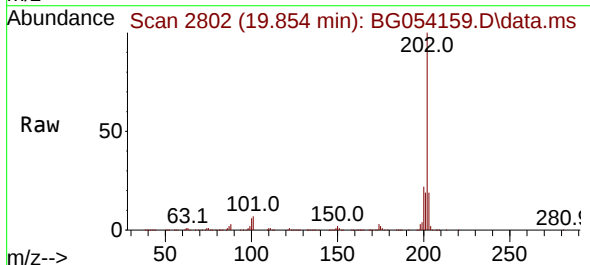
Instrument :  
BNA\_G  
ClientSampleId :  
R-1MS

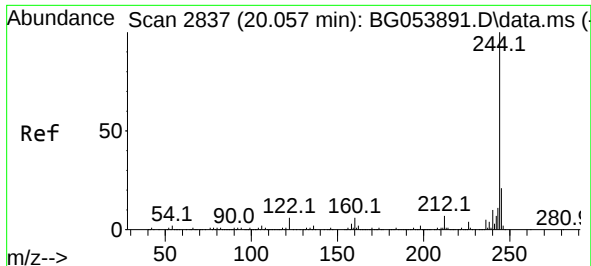
Tgt Ion:184 Resp: 212002  
Ion Ratio Lower Upper  
184 100  
185 14.6 11.8 17.6  
183 12.4 8.9 13.3



#78  
Pyrene  
Concen: 54.727 ng  
RT: 19.854 min Scan# 2802  
Delta R.T. 0.003 min  
Lab File: BG054159.D  
Acq: 30 Jun 2022 00:13

Tgt Ion:202 Resp: 618475  
Ion Ratio Lower Upper  
202 100  
200 22.1 16.6 24.8  
203 19.3 14.6 21.8

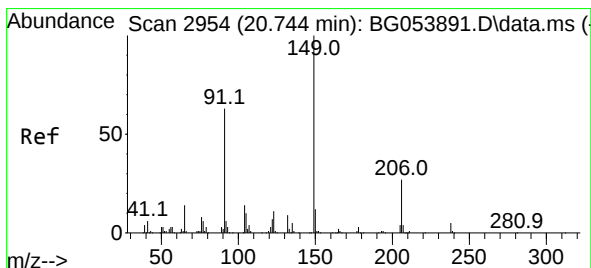
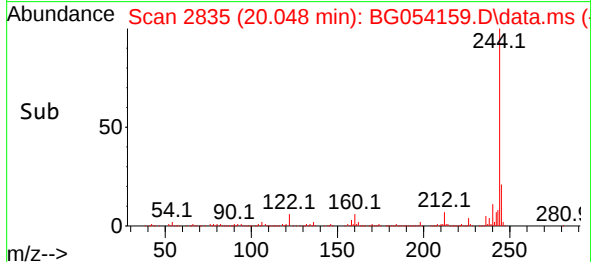
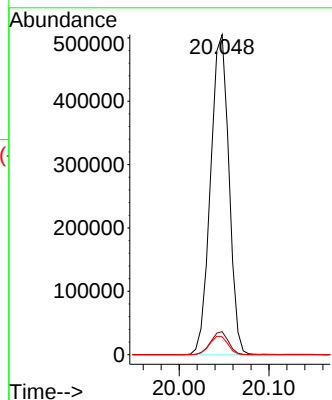
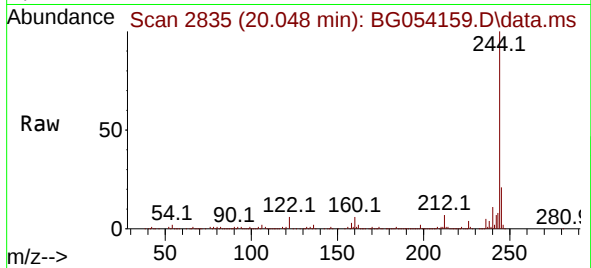




#79  
 Terphenyl-d14  
 Concen: 77.268 ng  
 RT: 20.048 min Scan# 21  
 Delta R.T. 0.003 min  
 Lab File: BG054159.D  
 Acq: 30 Jun 2022 00:13

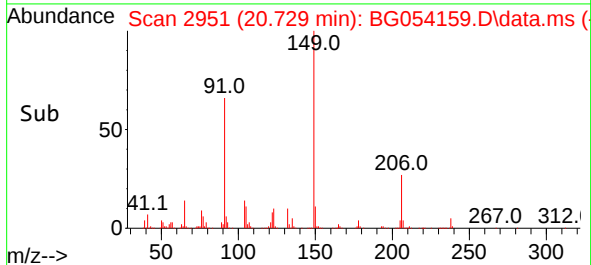
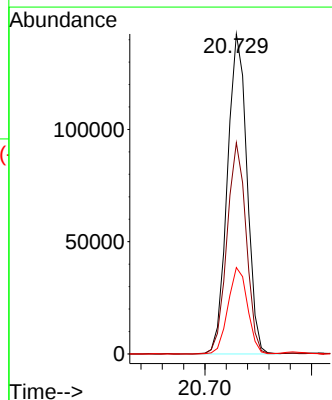
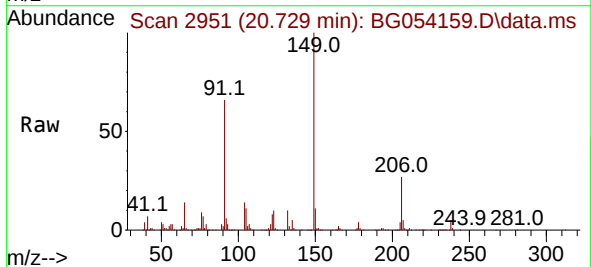
Instrument :  
 BNA\_G  
 ClientSampleId :  
 R-1MS

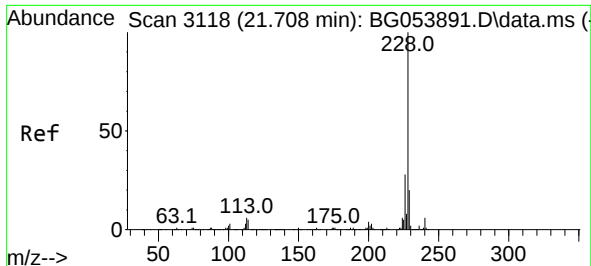
Tgt Ion:244 Resp: 717837  
 Ion Ratio Lower Upper  
 244 100  
 212 7.2 6.5 9.7  
 122 5.6 5.0 7.4



#80  
 Butylbenzylphthalate  
 Concen: 50.030 ng  
 RT: 20.729 min Scan# 2951  
 Delta R.T. -0.003 min  
 Lab File: BG054159.D  
 Acq: 30 Jun 2022 00:13

Tgt Ion:149 Resp: 181228  
 Ion Ratio Lower Upper  
 149 100  
 91 66.0 59.6 89.4  
 206 27.0 18.6 28.0

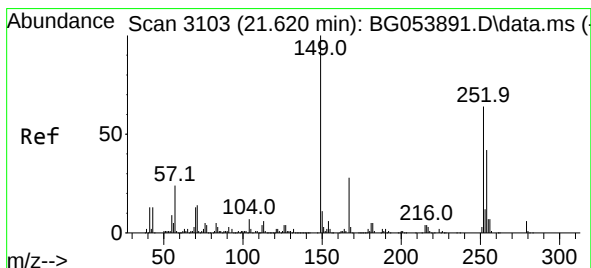
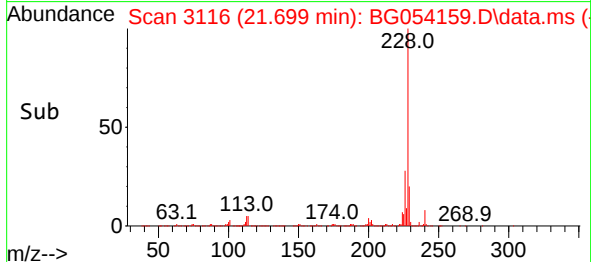
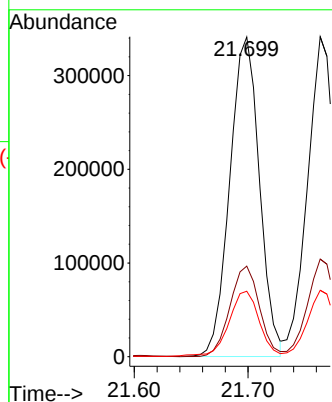
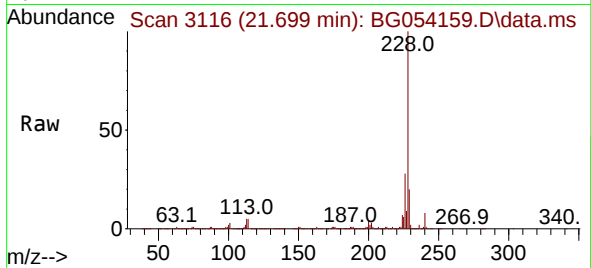




#81  
Benzo(a)anthracene  
Concen: 50.995 ng  
RT: 21.699 min Scan# 3118  
Delta R.T. 0.003 min  
Lab File: BG054159.D  
Acq: 30 Jun 2022 00:13

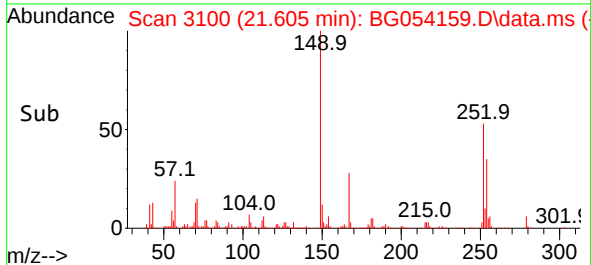
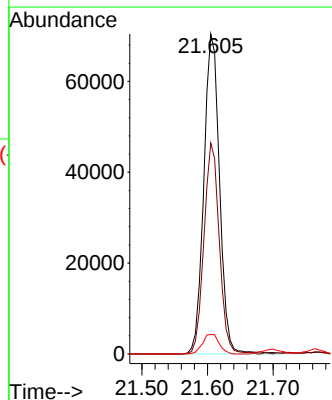
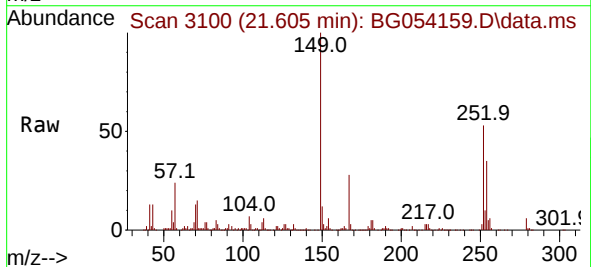
Instrument :  
BNA\_G  
ClientSampleId :  
R-1MS

Tgt Ion:228 Resp: 617815  
Ion Ratio Lower Upper  
228 100  
226 28.3 21.6 32.4  
229 20.5 16.2 24.2



#82  
3,3'-Dichlorobenzidine  
Concen: 32.528 ng  
RT: 21.605 min Scan# 3100  
Delta R.T. -0.003 min  
Lab File: BG054159.D  
Acq: 30 Jun 2022 00:13

Tgt Ion:252 Resp: 117739  
Ion Ratio Lower Upper  
252 100  
254 66.0 49.8 74.8  
126 6.1 6.0 9.0





#83

Chrysene

Concen: 50.253 ng

RT: 21.763 min Scan# 3130

Delta R.T. 0.003 min

Lab File: BG054159.D

Acq: 30 Jun 2022 00:13

Instrument :

BNA\_G

ClientSampleId :

R-1MS

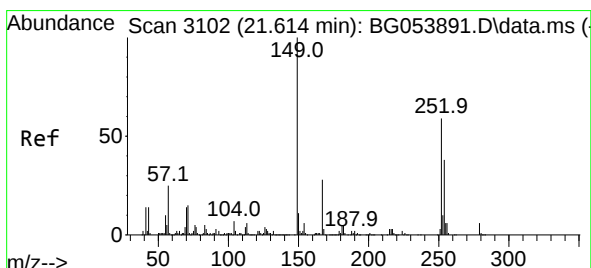
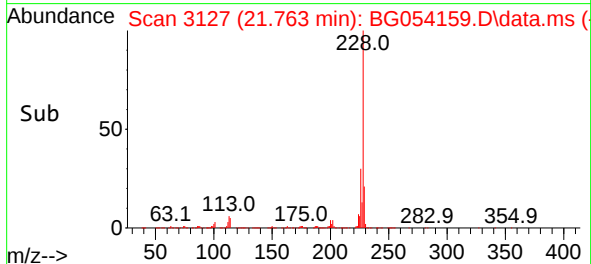
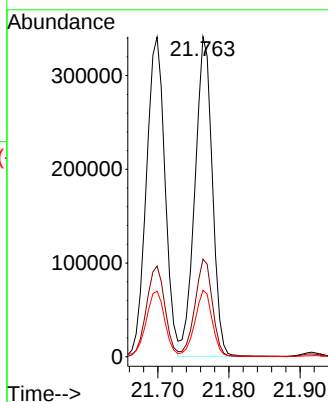
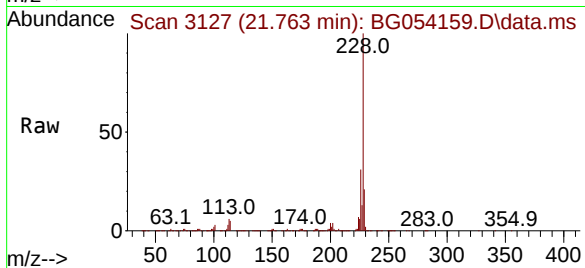
Tgt Ion:228 Resp: 580338

Ion Ratio Lower Upper

228 100

226 30.5 23.4 35.2

229 20.8 15.5 23.3



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.180 ng

RT: 21.599 min Scan# 3099

Delta R.T. -0.003 min

Lab File: BG054159.D

Acq: 30 Jun 2022 00:13

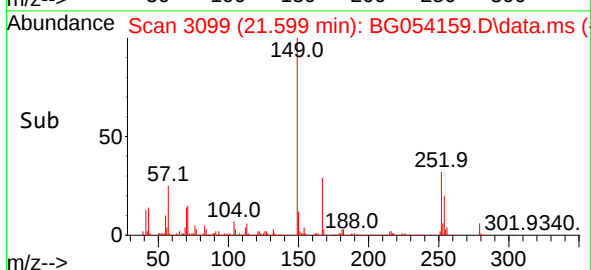
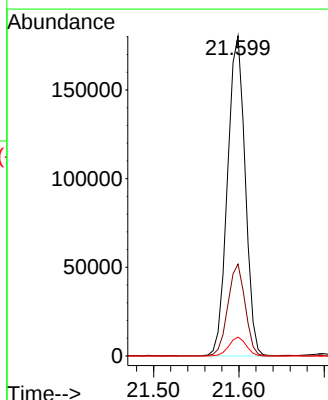
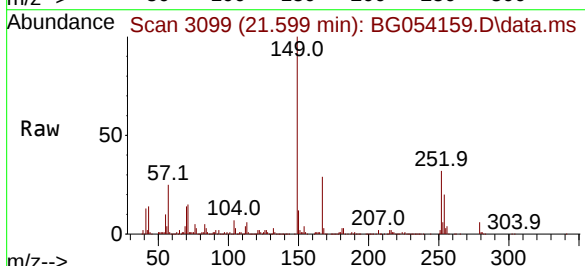
Tgt Ion:149 Resp: 259969

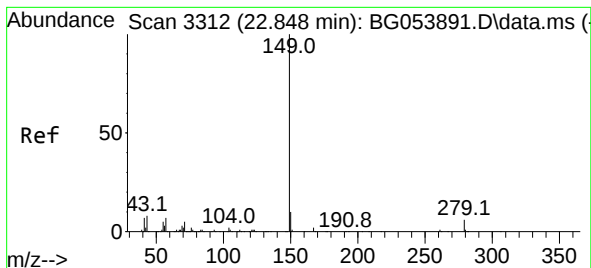
Ion Ratio Lower Upper

149 100

167 28.7 20.2 30.4

279 5.9 3.6 5.4#





#85

Di-n-octyl phthalate

Concen: 49.434 ng

RT: 22.815 min Scan# 31

Delta R.T. -0.009 min

Lab File: BG054159.D

Acq: 30 Jun 2022 00:13

Instrument :

BNA\_G

ClientSampleId :

R-1MS

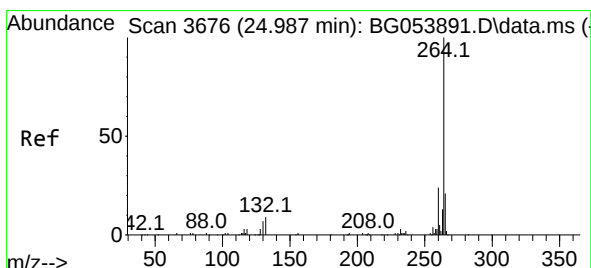
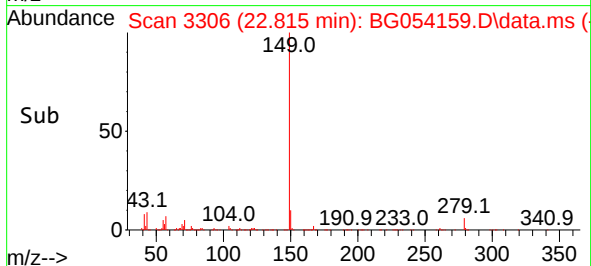
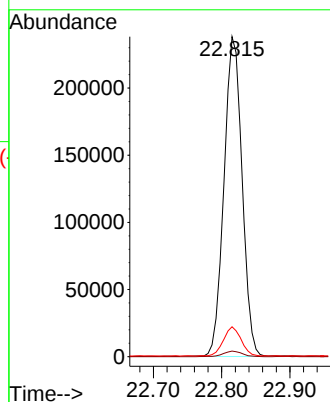
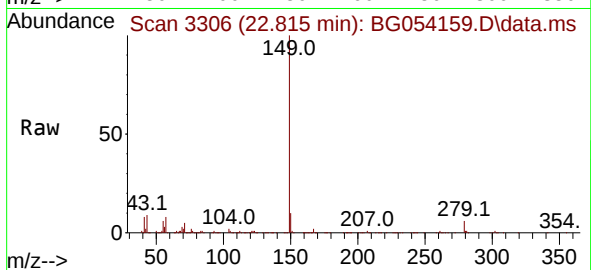
Tgt Ion:149 Resp: 440181

Ion Ratio Lower Upper

149 100

167 1.8 1.3 1.9

43 8.9 9.0 13.4#



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.971 min Scan# 3673

Delta R.T. 0.009 min

Lab File: BG054159.D

Acq: 30 Jun 2022 00:13

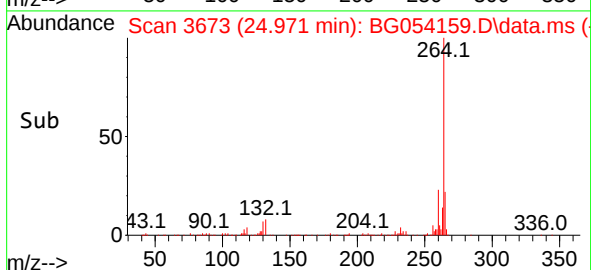
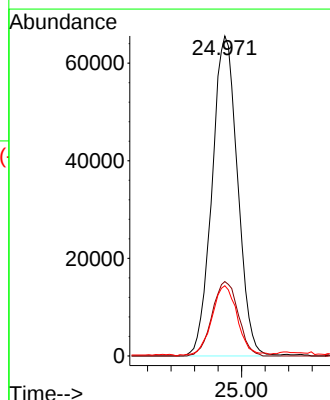
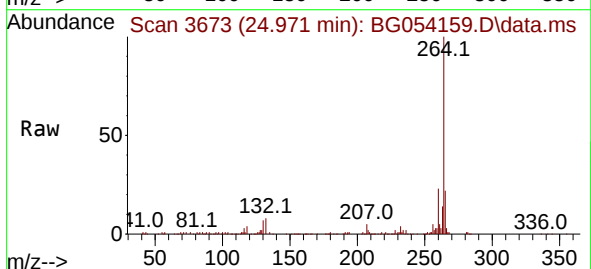
Tgt Ion:264 Resp: 197059

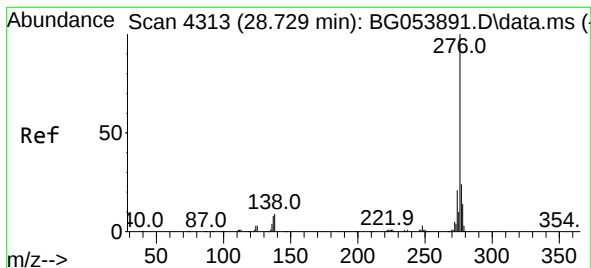
Ion Ratio Lower Upper

264 100

260 23.3 19.0 28.6

265 22.0 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 48.748 ng

RT: 28.708 min Scan# 41

Delta R.T. 0.021 min

Lab File: BG054159.D

Acq: 30 Jun 2022 00:13

Instrument :

BNA\_G

ClientSampleId :

R-1MS

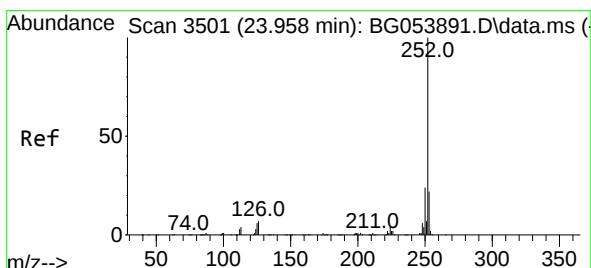
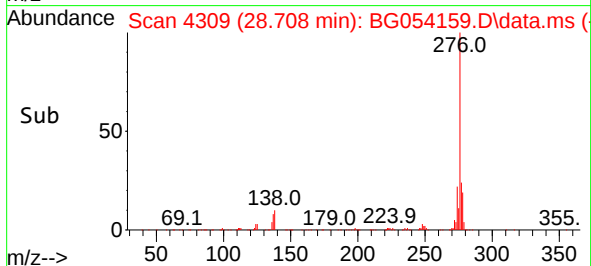
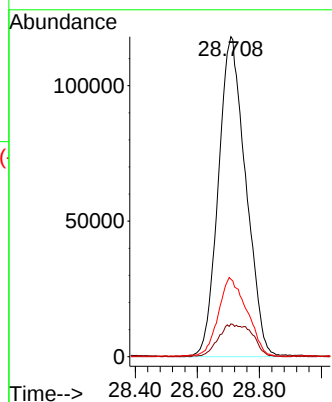
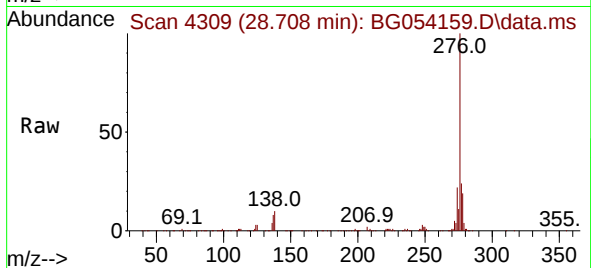
Tgt Ion:276 Resp: 724936

Ion Ratio Lower Upper

276 100

138 12.7 5.0 7.4#

277 25.5 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 54.584 ng

RT: 23.943 min Scan# 3498

Delta R.T. 0.009 min

Lab File: BG054159.D

Acq: 30 Jun 2022 00:13

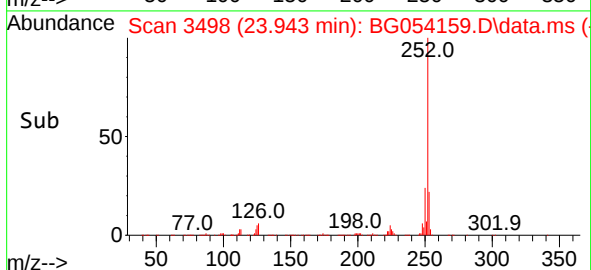
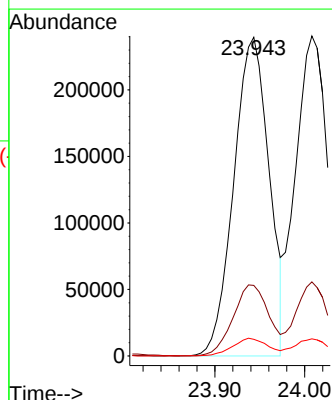
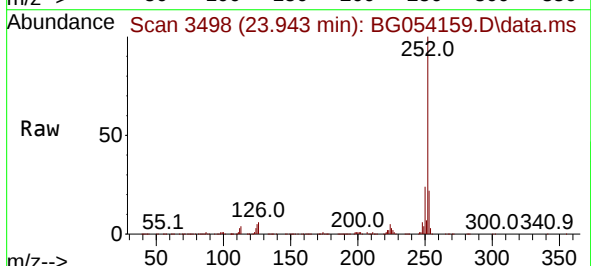
Tgt Ion:252 Resp: 654010

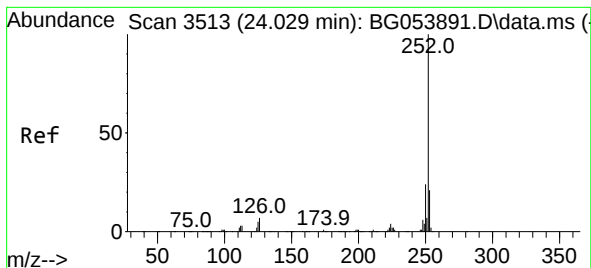
Ion Ratio Lower Upper

252 100

253 22.2 18.0 27.0

125 5.2 4.6 6.8





#89

Benzo(k)fluoranthene

Concen: 50.801 ng

RT: 24.008 min Scan# 3

Delta R.T. 0.003 min

Lab File: BG054159.D

Acq: 30 Jun 2022 00:13

Instrument :

BNA\_G

ClientSampleId :

R-1MS

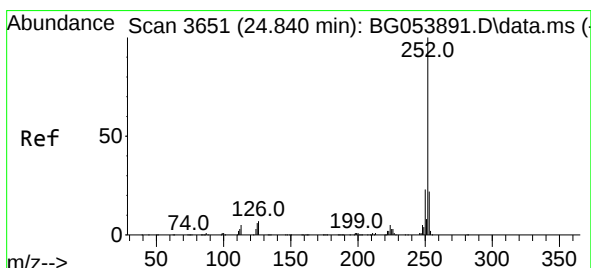
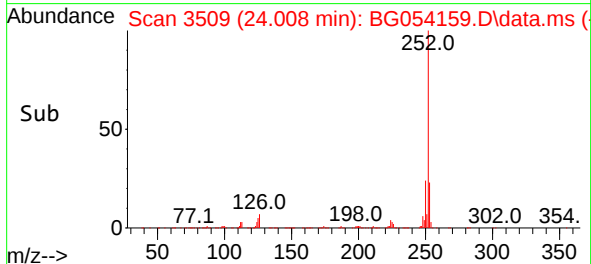
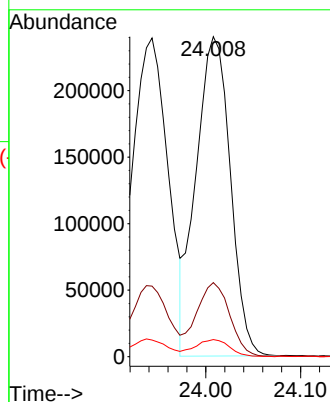
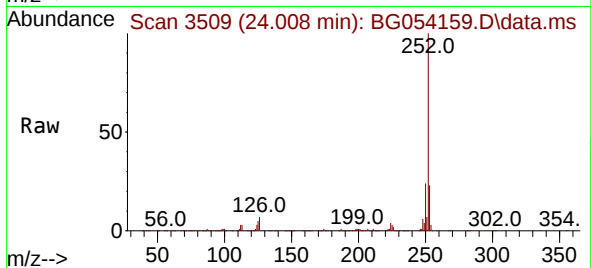
Tgt Ion:252 Resp: 602657

Ion Ratio Lower Upper

252 100

253 23.1 18.4 27.6

125 5.3 4.8 7.2



#90

Benzo(a)pyrene

Concen: 56.947 ng

RT: 24.825 min Scan# 3648

Delta R.T. 0.009 min

Lab File: BG054159.D

Acq: 30 Jun 2022 00:13

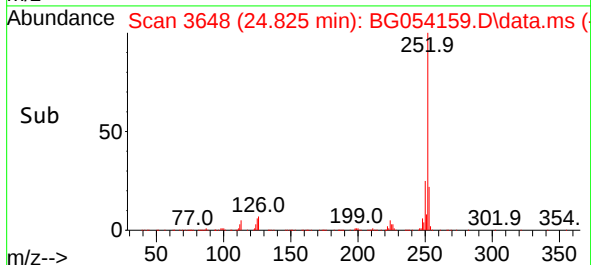
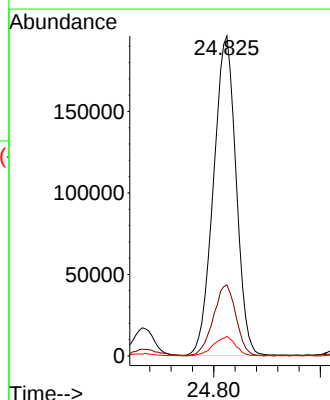
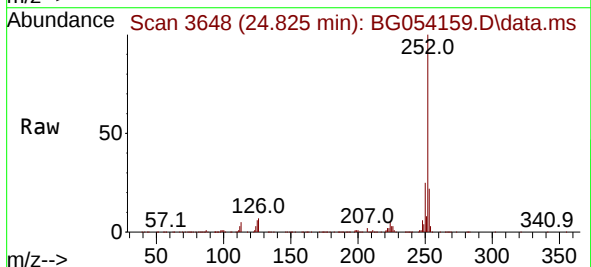
Tgt Ion:252 Resp: 575700

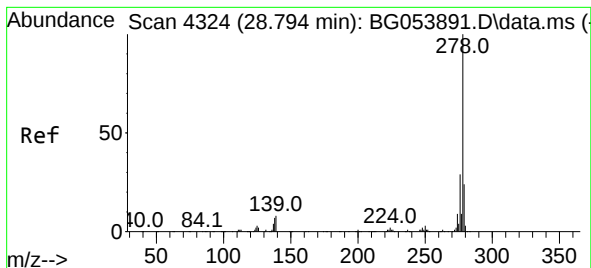
Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.8

125 6.1 4.3 6.5





#91

Dibenzo(a,h)anthracene

Concen: 47.492 ng

RT: 28.767 min Scan# 41

Delta R.T. 0.021 min

Lab File: BG054159.D

Acq: 30 Jun 2022 00:13

Instrument :

BNA\_G

ClientSampleId :

R-1MS

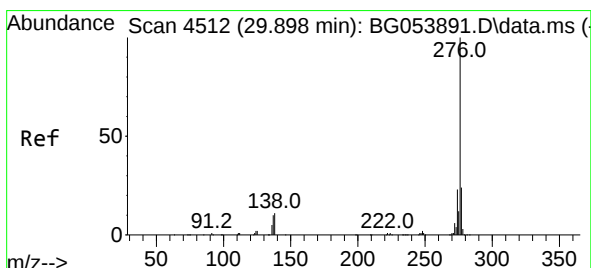
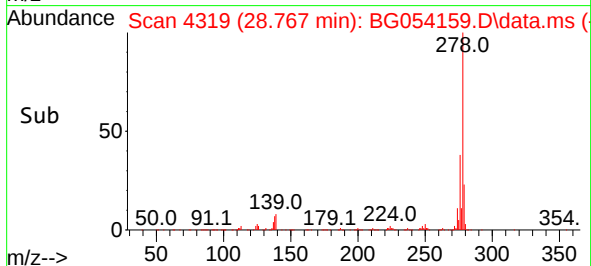
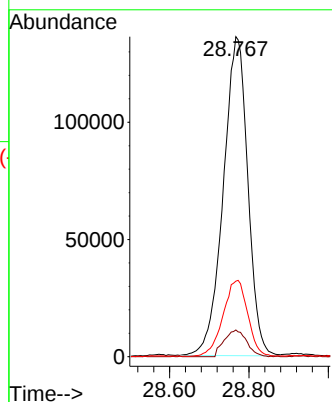
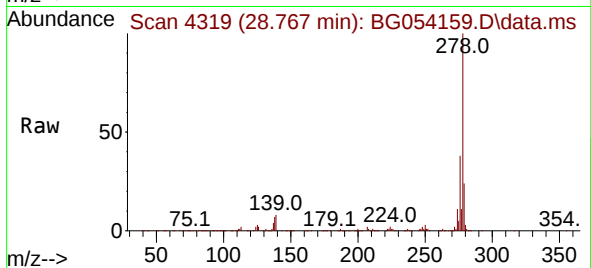
Tgt Ion:278 Resp: 584019

Ion Ratio Lower Upper

278 100

139 8.4 7.2 10.8

279 23.6 18.6 27.8



#92

Benzo(g,h,i)perylene

Concen: 51.634 ng

RT: 29.883 min Scan# 4509

Delta R.T. 0.021 min

Lab File: BG054159.D

Acq: 30 Jun 2022 00:13

Tgt Ion:276 Resp: 626616

Ion Ratio Lower Upper

276 100

277 23.5 17.3 25.9

138 11.1 9.6 14.4

