

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG072523\  
 Data File : BG058449.D  
 Acq On : 25 Jul 2023 16:52  
 Operator : CG/JU  
 Sample : 03534-24MSD  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :

Quant Time: Jul 25 23:13:49 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG071723.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon Jul 24 22:10:54 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.813  | 152  | 34410    | 20.000 | ng/u1  | 0.00     |
| 20) Naphthalene-d8            | 10.615 | 136  | 157146   | 20.000 | ng/u1  | 0.00     |
| 38) Acenaphthene-d10          | 14.458 | 164  | 124903   | 20.000 | ng/u1  | 0.00     |
| 64) Phenanthrene-d10          | 17.208 | 188  | 335961   | 20.000 | ng/u1  | 0.00     |
| 79) Chrysene-d12              | 21.444 | 240  | 300100   | 20.000 | ng/u1  | 0.00     |
| 88) Perylene-d12              | 24.511 | 264  | 356121   | 20.000 | ng/u1  | -0.01    |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.236  | 96   | 591      | 0.632  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.647  | 84   | 24550    | 8.847  | ng/u1  | 0.00     |
| 7) Phenol-d5                  | 6.984  | 99   | 6732     | 2.062  | ng/u1  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.149  | 67   | 6634     | 3.252  | ng/u1  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.349  | 132  | 5227     | 2.288  | ng/u1  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.612  | 113  | 2135     | 0.857  | ng/u1  | 0.08     |
| 21) Nitrobenzene-d5           | 8.982  | 128  | 3463     | 2.940  | ng/u1  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.705  | 143  | 3808     | 2.961  | ng/u1  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.245 | 165  | 3221     | 1.307  | ng/u1  | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.786 | 131  | 118      | 0.033  | ng/u1  | 0.03     |
| 46) Dimethylphthalate-d6      | 13.864 | 166  | 30537    | 3.171  | ng/u1  | 0.00     |
| 49) Acenaphthylene-d8         | 14.152 | 160  | 31076    | 3.079  | ng/u1  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.699 | 143  | 1307     | 0.899  | ng/u1  | 0.02     |
| 60) Fluorene-d10              | 15.451 | 176  | 29195    | 3.661  | ng/u1  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.580 | 200  | 3422     | 1.999  | ng/u1  | 0.00     |
| 73) Anthracene-d10            | 17.308 | 188  | 30637    | 2.111  | ng/u1  | 0.00     |
| 81) Pyrene-d10                | 19.593 | 212  | 51031    | 2.879  | ng/u1  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 24.299 | 264  | 16276    | 0.946  | ng/u1  | -0.01    |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 2) 1,4-Dioxane                | 3.271  | 88   | 2340     | 2.207  | ng/uL# | 73       |
| 6) Benzaldehyde               | 6.955  | 77   | 9383     | 7.118  | ng/u1  | 96       |
| 8) Phenol                     | 7.014  | 94   | 10417    | 3.073  | ng/u1# | 89       |
| 10) Bis(2-Chloroethyl)ether   | 7.237  | 93   | 10103    | 3.890  | ng/u1  | 98       |
| 12) 2-Chlorophenol            | 7.378  | 128  | 7123     | 2.978  | ng/u1  | 92       |
| 14) 2,2'-oxybis(1-Chloropr... | 8.342  | 45   | 18125    | 4.259  | ng/u1  | 98       |
| 16) Acetophenone              | 8.641  | 105  | 22856    | 5.390  | ng/u1  | 97       |
| 17) N-Nitroso-di-n-propyla... | 8.612  | 70   | 11263    | 4.853  | ng/u1  | 99       |
| 19) Hexachloroethane          | 8.894  | 117  | 2918     | 3.095  | ng/u1  | 85       |
| 22) Nitrobenzene              | 9.017  | 77   | 10693    | 3.404  | ng/u1  | 92       |
| 23) Isophorone                | 9.540  | 82   | 26521    | 3.766  | ng/u1  | 97       |
| 25) 2-Nitrophenol             | 9.734  | 139  | 4942     | 3.598  | ng/u1  | 92       |
| 27) Bis(2-Chloroethoxy)met... | 10.028 | 93   | 12753    | 3.419  | ng/u1  | 99       |
| 29) 2,4-Dichlorophenol        | 10.275 | 162  | 3664     | 1.566  | ng/u1# | 80       |
| 30) Naphthalene               | 10.668 | 128  | 33710    | 4.013  | ng/u1  | 96       |
| 33) Hexachlorobutadiene       | 10.950 | 225  | 7305     | 4.366  | ng/u1  | 96       |
| 36) 2-Methylnaphthalene       | 12.284 | 142  | 23625    | 4.198  | ng/u1  | 100      |
| 37) 1-Methylnaphthalene       | 12.501 | 142  | 25458    | 4.414  | ng/u1# | 95       |
| 39) 1,2,4,5-Tetrachloroben... | 12.648 | 216  | 13612    | 3.765  | ng/u1  | 95       |
| 40) Hexachlorocyclopentadiene | 12.625 | 237  | 3368     | 1.732  | ng/u1  | 92       |
| 42) 2,4,5-Trichlorophenol     | 12.977 | 196  | 8878     | 3.402  | ng/u1  | 88       |
| 43) 1,1'-Biphenyl             | 13.295 | 154  | 33521    | 3.969  | ng/u1  | 98       |
| 44) 2-Chloronaphthalene       | 13.336 | 162  | 25963    | 3.866  | ng/u1  | 97       |
| 45) 2-Nitroaniline            | 13.553 | 65   | 7265     | 3.115  | ng/u1  | 96       |

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 ALS Vial : 9 Sample Multiplier: 1

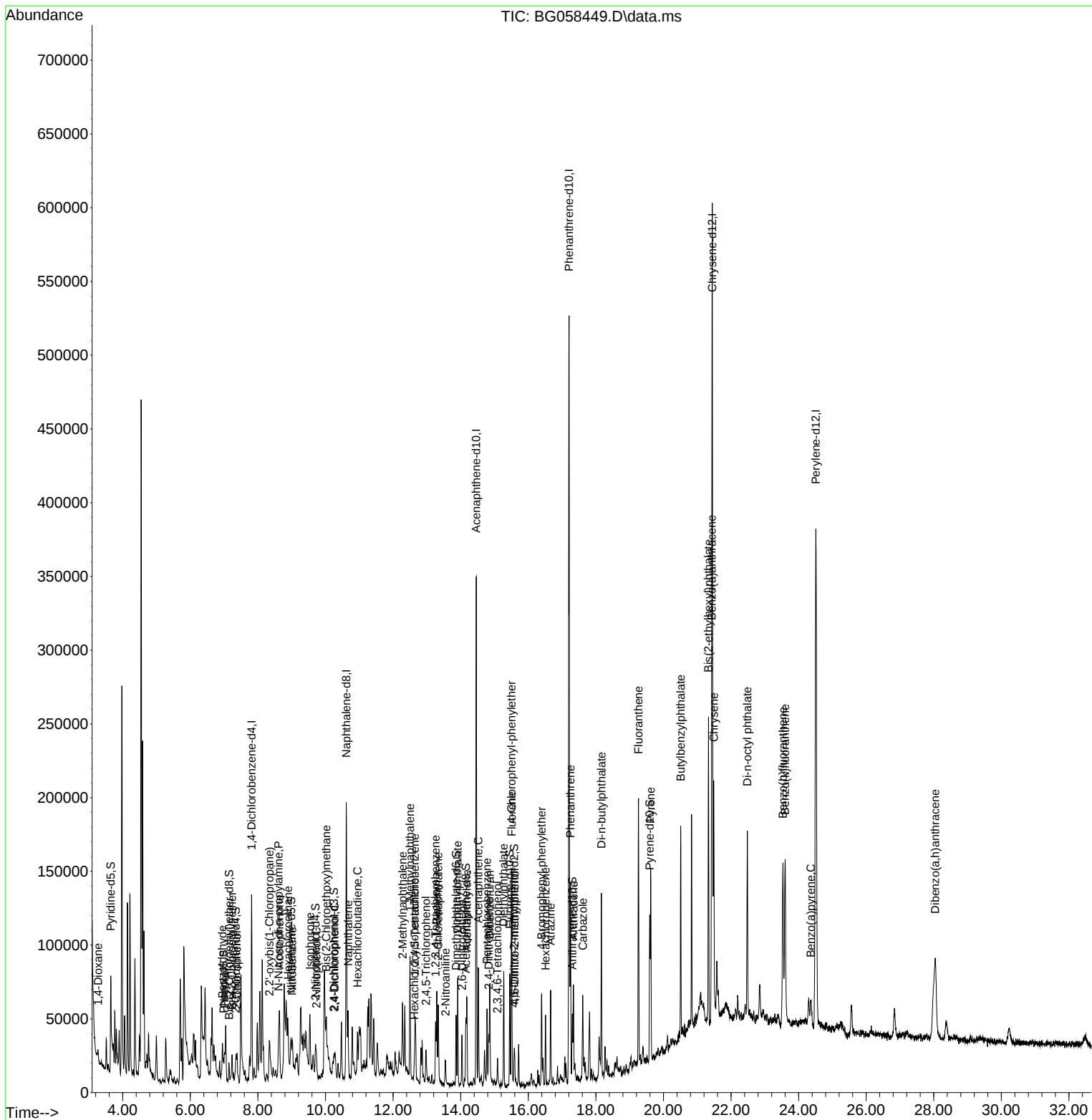
Instrument :  
 BNA\_G  
 ClientSampleId :

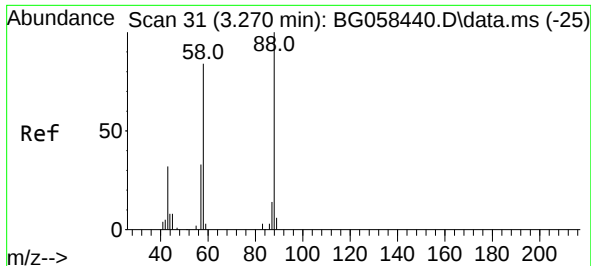
Quant Time: Jul 25 23:13:49 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG071723.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon Jul 24 22:10:54 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|-------|--------|----------|
| 47) Dimethylphthalate         | 13.912 | 163  | 47798    | 4.941 | ng/ul  | 100      |
| 48) 2,6-Dinitrotoluene        | 14.041 | 165  | 7500     | 4.012 | ng/ul  | 96       |
| 50) Acenaphthylene            | 14.182 | 152  | 41741    | 3.831 | ng/ul  | 98       |
| 52) Acenaphthene              | 14.523 | 153  | 33303    | 4.402 | ng/ul  | 98       |
| 56) Dibenzofuran              | 14.863 | 168  | 47555    | 4.415 | ng/ul  | 96       |
| 57) 2,4-Dinitrotoluene        | 14.834 | 165  | 9911     | 3.676 | ng/ul# | 98       |
| 58) 2,3,4,6-Tetrachlorophenol | 15.092 | 232  | 3924     | 1.627 | ng/ul# | 92       |
| 59) Diethylphthalate          | 15.275 | 149  | 43243    | 4.339 | ng/ul  | 98       |
| 61) Fluorene                  | 15.510 | 166  | 40992    | 4.641 | ng/ul  | 99       |
| 62) 4-Chlorophenyl-phenyle... | 15.504 | 204  | 20867    | 4.450 | ng/ul  | 98       |
| 66) 4,6-Dinitro-2-methylph... | 15.592 | 198  | 4278     | 2.429 | ng/ul# | 91       |
| 68) 4-Bromophenyl-phenylether | 16.397 | 248  | 14865    | 4.177 | ng/ul  | 95       |
| 69) Hexachlorobenzene         | 16.514 | 284  | 11158    | 2.779 | ng/ul# | 94       |
| 70) Atrazine                  | 16.661 | 200  | 11085    | 3.395 | ng/ul  | 91       |
| 72) Phenanthrene              | 17.249 | 178  | 84389    | 5.286 | ng/ul  | 98       |
| 74) Anthracene                | 17.337 | 178  | 40421    | 2.522 | ng/ul  | 98       |
| 75) 1,2,3,4-Tetrachloroben... | 13.259 | 216  | 13073    | 3.102 | ng/uL  | 95       |
| 76) Pentachlorobenzene        | 14.781 | 250  | 14662    | 3.182 | ng/uL  | 93       |
| 77) Carbazole                 | 17.613 | 167  | 43829    | 3.155 | ng/ul  | 99       |
| 78) Di-n-butylphthalate       | 18.165 | 149  | 90267    | 5.113 | ng/ul  | 98       |
| 80) Fluoranthene              | 19.264 | 202  | 116181   | 5.722 | ng/ul  | 98       |
| 82) Pyrene                    | 19.622 | 202  | 82052    | 3.988 | ng/ul  | 98       |
| 83) Butylbenzylphthalate      | 20.510 | 149  | 43665    | 5.390 | ng/ul  | 95       |
| 85) Benzo(a)anthracene        | 21.426 | 228  | 94111    | 4.666 | ng/ul  | 98       |
| 86) Bis(2-ethylhexyl)phtha... | 21.332 | 149  | 78921    | 6.849 | ng/ul  | 100      |
| 87) Chrysene                  | 21.491 | 228  | 98808    | 5.164 | ng/ul  | 98       |
| 89) Di-n-octyl phthalate      | 22.484 | 149  | 103508   | 5.463 | ng/ul  | 100      |
| 90) Benzo(b)fluoranthene      | 23.535 | 252  | 103044   | 5.001 | ng/ul  | 97       |
| 91) Benzo(k)fluoranthene      | 23.600 | 252  | 93984    | 4.573 | ng/ul  | 98       |
| 93) Benzo(a)pyrene            | 24.364 | 252  | 19566    | 1.068 | ng/ul# | 90       |
| 95) Dibenzo(a,h)anthracene    | 28.042 | 278  | 46248    | 2.336 | ng/ul  | 98       |

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

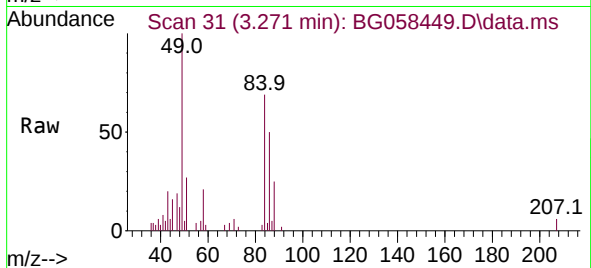
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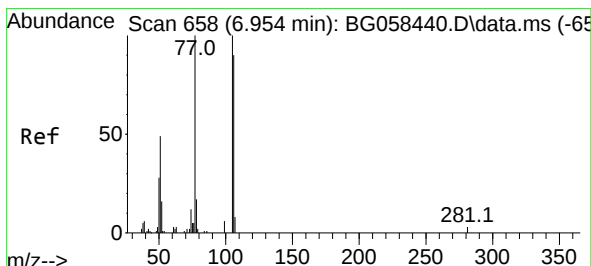
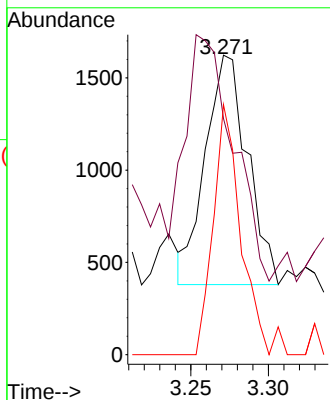
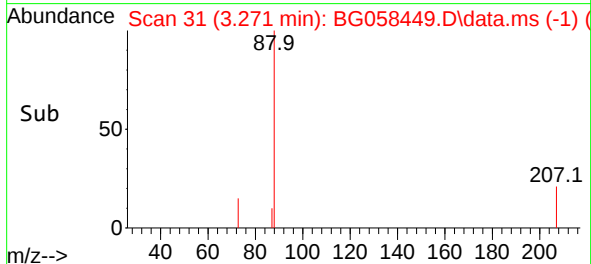


#2  
1,4-Dioxane  
Concen: 2.207 ng/uL  
RT: 3.271 min Scan# 31  
Delta R.T. -0.005 min  
Lab File: BG058449.D  
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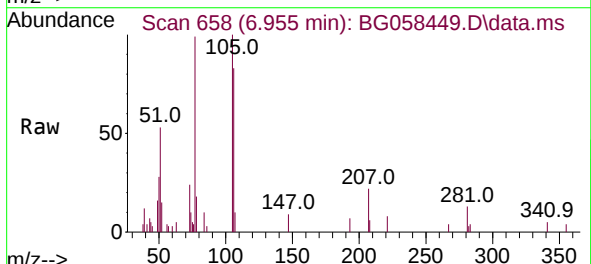
Instrument :  
BNA\_G  
ClientSampleId :



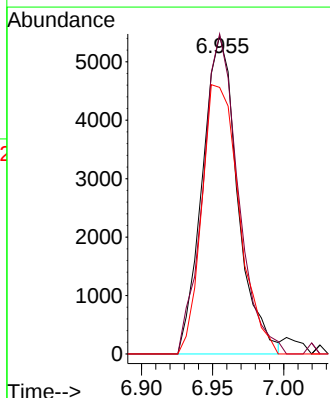
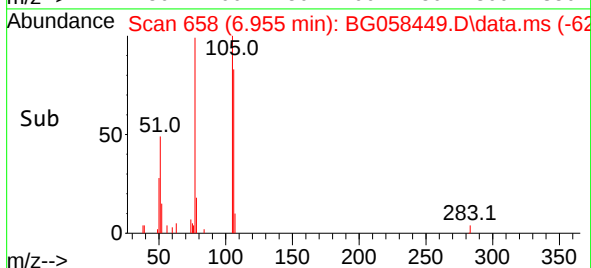
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Ion Ratio Lower Upper  
88 100  
43 78.9 19.6 29.4#  
58 83.5 70.2 105.4

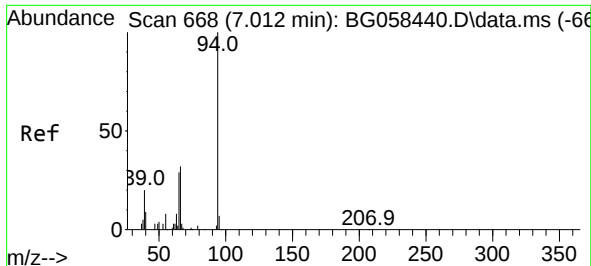


#6  
Benzaldehyde  
Concen: 7.118 ng/uL  
RT: 6.955 min Scan# 658  
Delta R.T. 0.001 min  
Lab File: BG058449.D  
Acq: 25 Jul 2023 16:52



Tgt Ion: 77 Resp: 9383  
Ion Ratio Lower Upper  
77 100  
105 100.6 78.2 117.4  
106 83.8 71.6 107.4

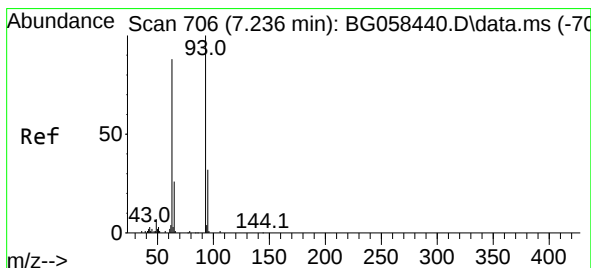
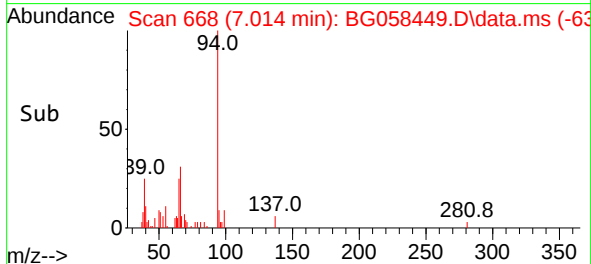
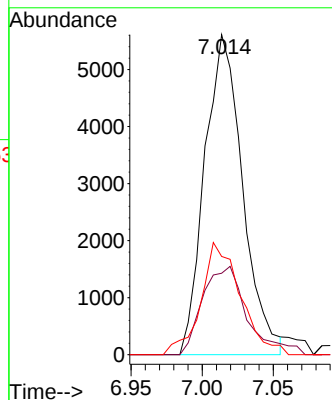
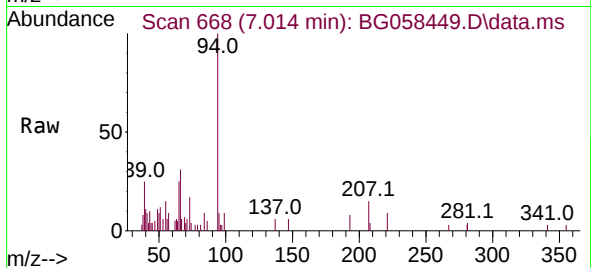




#8  
Phenol  
Concen: 3.073 ng/ul  
RT: 7.014 min Scan# 668  
Delta R.T. 0.001 min  
Lab File: BG058449.D  
Acq: 25 Jul 2023 16:52

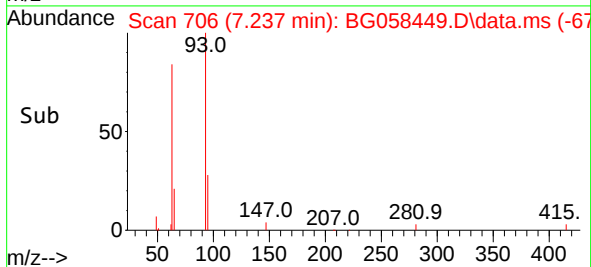
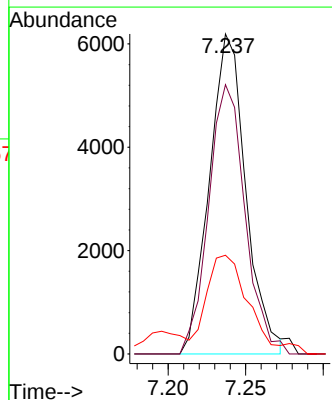
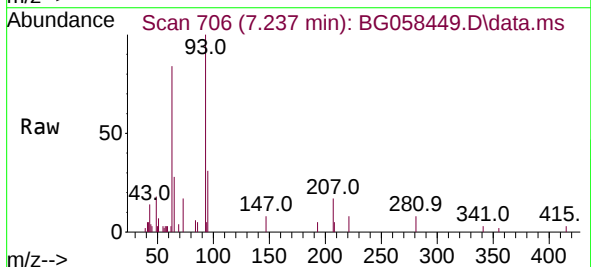
Instrument :  
BNA\_G  
ClientSampleId :

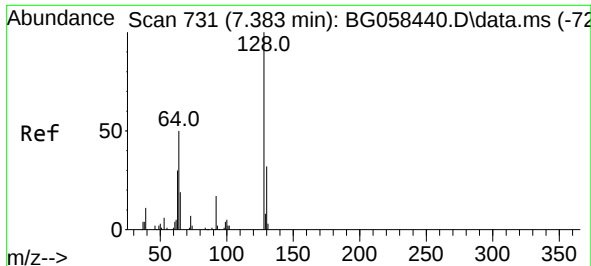
Tgt Ion: 94 Resp: 10417  
Ion Ratio Lower Upper  
94 100  
65 25.5 23.8 35.8  
66 30.7 31.2 46.8#



#10  
Bis(2-Chloroethyl)ether  
Concen: 3.890 ng/ul  
RT: 7.237 min Scan# 706  
Delta R.T. 0.001 min  
Lab File: BG058449.D  
Acq: 25 Jul 2023 16:52

Tgt Ion: 93 Resp: 10103  
Ion Ratio Lower Upper  
93 100  
63 84.1 67.7 101.5  
95 30.9 27.0 40.6

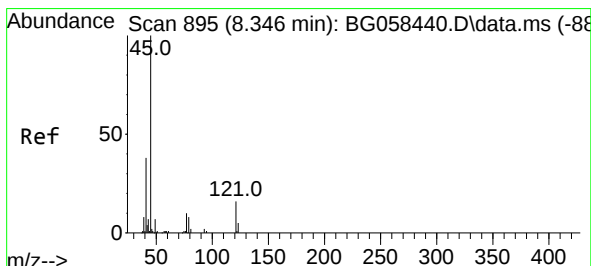
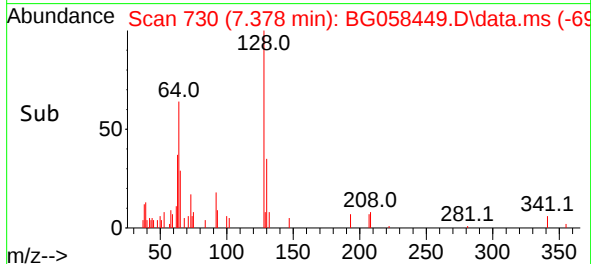
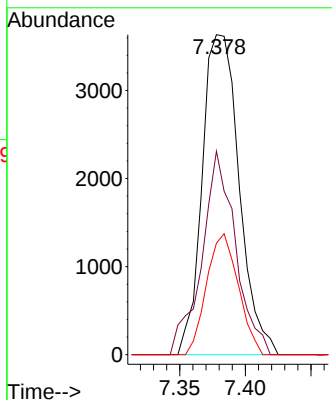
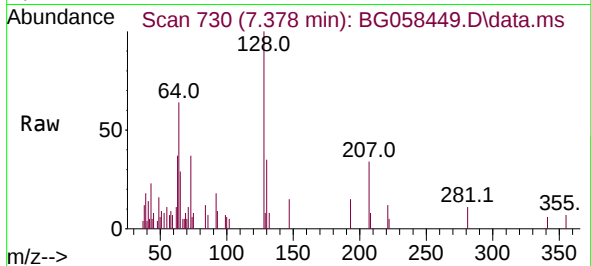




#12  
2-Chlorophenol  
Concen: 2.978 ng/ul  
RT: 7.378 min Scan# 712  
Delta R.T. -0.005 min  
Lab File: BG058449.D  
Acq: 25 Jul 2023 16:52

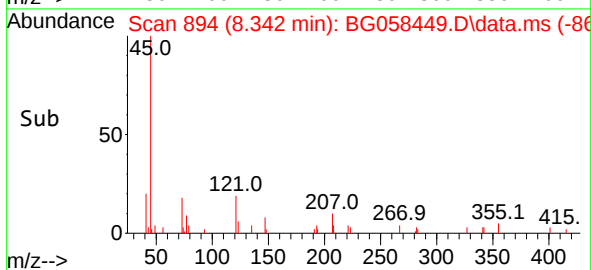
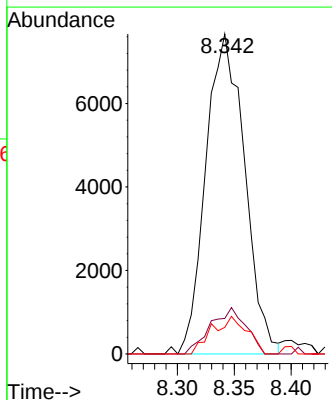
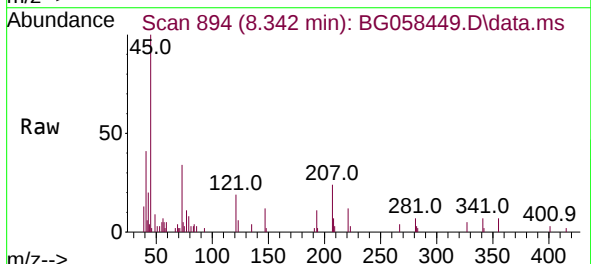
Instrument :  
BNA\_G  
ClientSampleId :

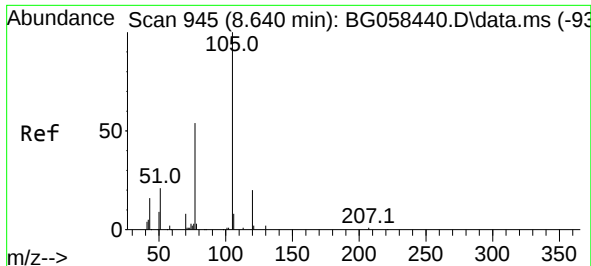
Tgt Ion:128 Resp: 7123  
Ion Ratio Lower Upper  
128 100  
64 63.6 45.6 68.4  
130 34.8 25.2 37.8



#14  
2,2'-oxybis(1-Chloropropane)  
Concen: 4.259 ng/ul  
RT: 8.342 min Scan# 894  
Delta R.T. -0.005 min  
Lab File: BG058449.D  
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Tgt Ion: 45 Resp: 18125  
Ion Ratio Lower Upper  
45 100  
77 11.1 9.4 14.2  
79 8.3 7.4 11.2

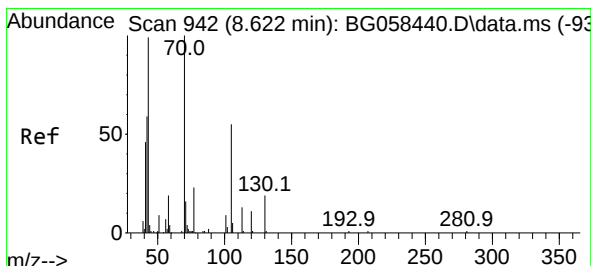
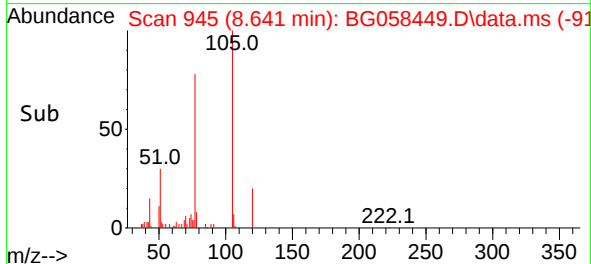
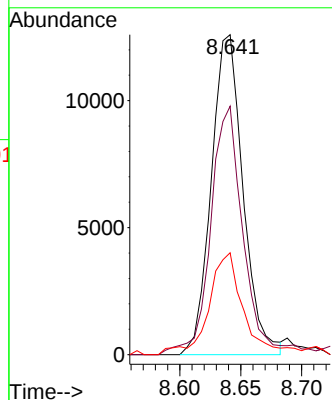
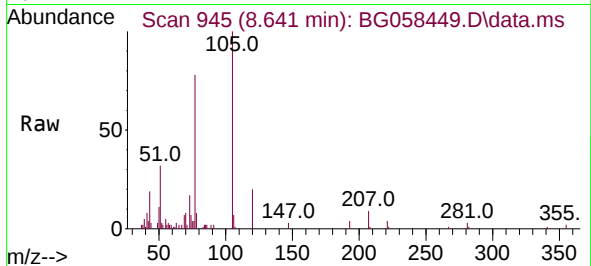




#16  
Acetophenone  
Concen: 5.390 ng/ul  
RT: 8.641 min Scan# 945  
Delta R.T. 0.001 min  
Lab File: BG058449.D  
Acq: 25 Jul 2023 16:52

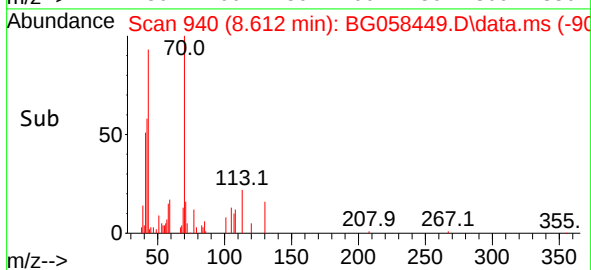
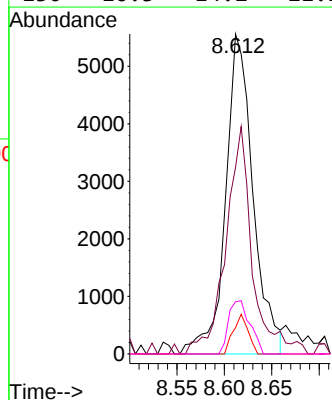
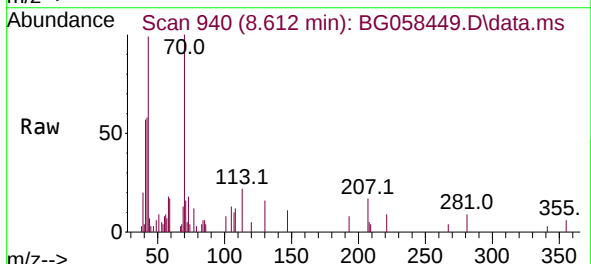
Instrument :  
BNA\_G  
ClientSampleId :

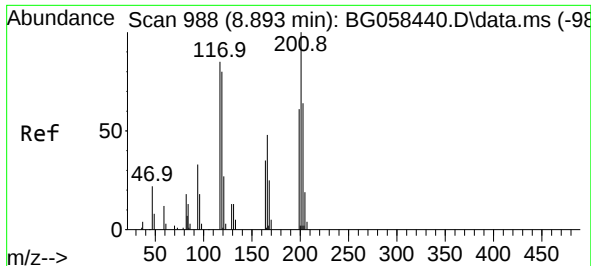
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Ion Ratio Lower Upper  
105 100  
77 77.6 60.7 91.1  
51 31.8 23.5 35.3



#17  
N-Nitroso-di-n-propylamine  
Concen: 4.853 ng/ul  
RT: 8.612 min Scan# 940  
Delta R.T. -0.011 min  
Lab File: BG058449.D  
Acq: 25 Jul 2023 16:52

Tgt Ion: 70 Resp: 11263  
Ion Ratio Lower Upper  
70 100  
42 58.4 46.6 69.8  
101 8.2 7.3 10.9  
130 16.3 14.2 21.2

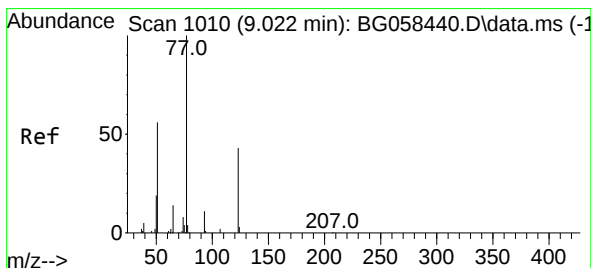
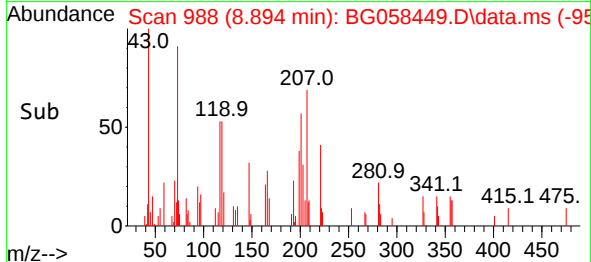
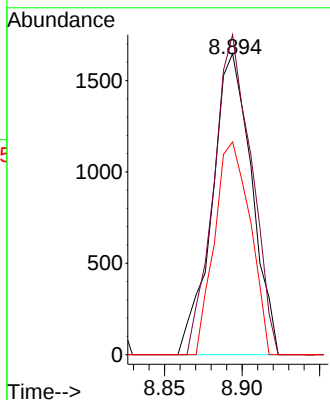
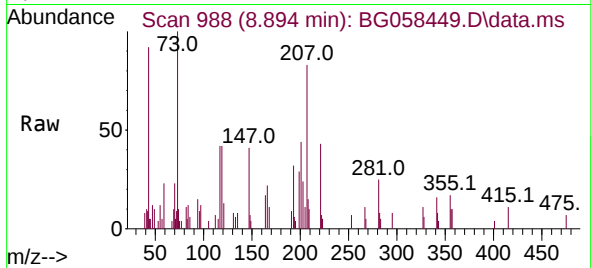




#19  
Hexachloroethane  
Concen: 3.095 ng/ul  
RT: 8.894 min Scan# 91  
Delta R.T. 0.001 min  
Lab File: BG058449.D  
Acq: 25 Jul 2023 16:52

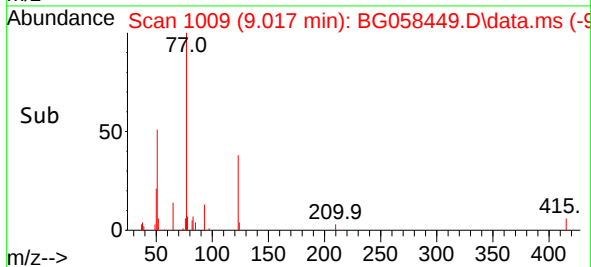
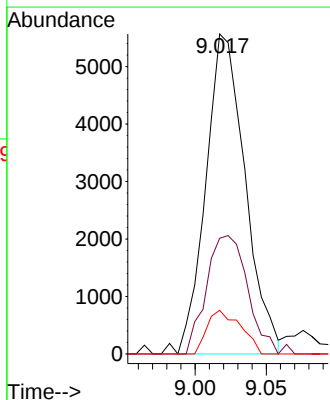
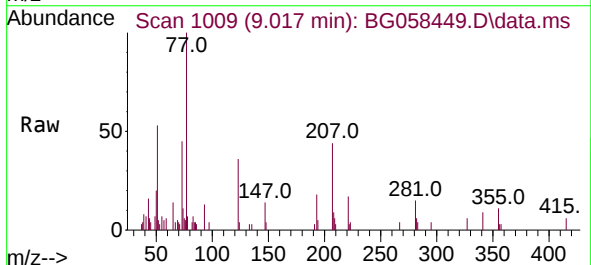
Instrument :  
BNA\_G  
ClientSampleId :

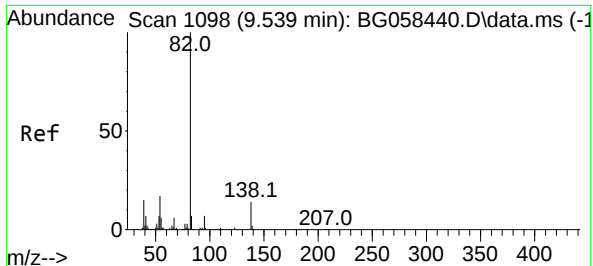
Tgt Ion:117 Resp: 2918  
Ion Ratio Lower Upper  
117 100  
201 106.3 103.6 155.4  
199 70.6 60.1 90.1



#22  
Nitrobenzene  
Concen: 3.404 ng/ul  
RT: 9.017 min Scan# 1009  
Delta R.T. -0.005 min  
Lab File: BG058449.D  
Acq: 25 Jul 2023 16:52

Tgt Ion: 77 Resp: 10693  
Ion Ratio Lower Upper  
77 100  
123 36.2 34.0 51.0  
65 13.6 11.0 16.6

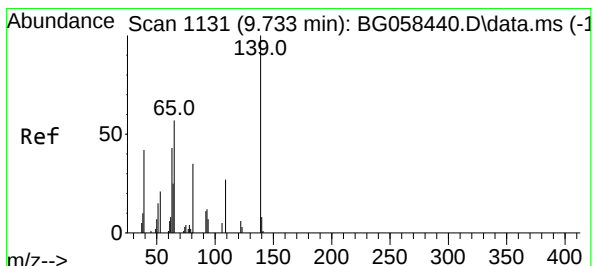
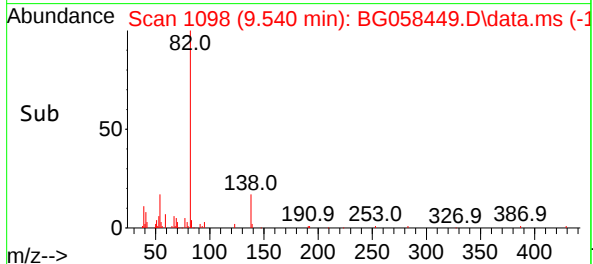
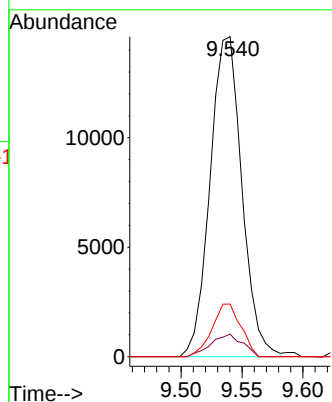
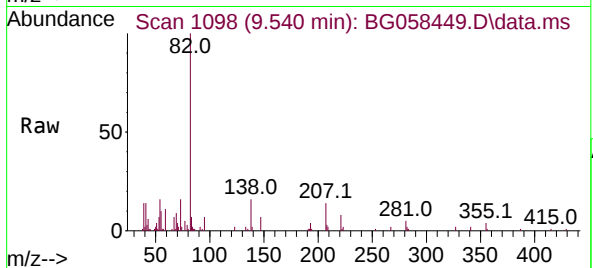




#23  
Isophorone  
Concen: 3.766 ng/ul  
RT: 9.540 min Scan# 1098  
Delta R.T. 0.001 min  
Lab File: BG058449.D  
Acq: 25 Jul 2023 16:52

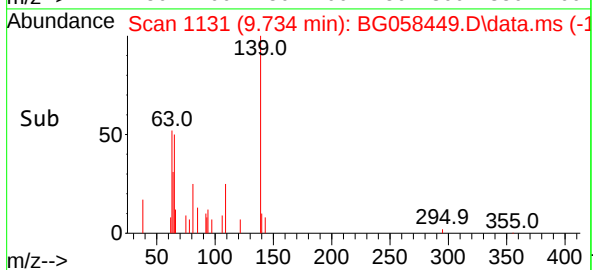
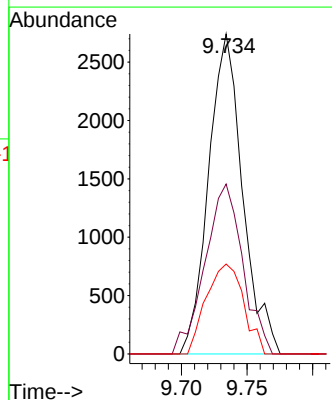
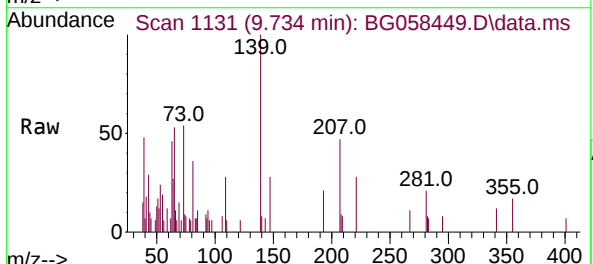
Instrument :  
BNA\_G  
ClientSampleId :

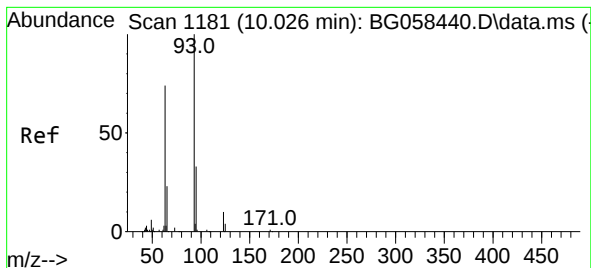
Tgt Ion: 82 Resp: 26521  
Ion Ratio Lower Upper  
82 100  
95 7.1 5.1 7.7  
138 16.5 11.9 17.9



#25  
2-Nitrophenol  
Concen: 3.598 ng/ul  
RT: 9.734 min Scan# 1131  
Delta R.T. 0.001 min  
Lab File: BG058449.D  
Acq: 25 Jul 2023 16:52

Tgt Ion:139 Resp: 4942  
Ion Ratio Lower Upper  
139 100  
65 53.1 49.2 73.8  
109 28.1 21.6 32.4

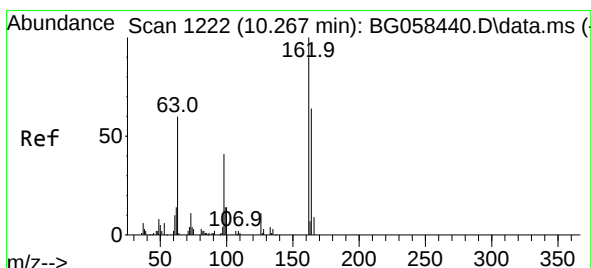
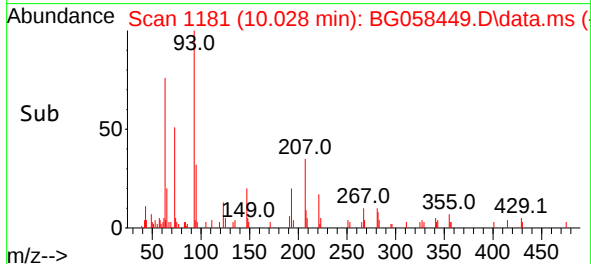
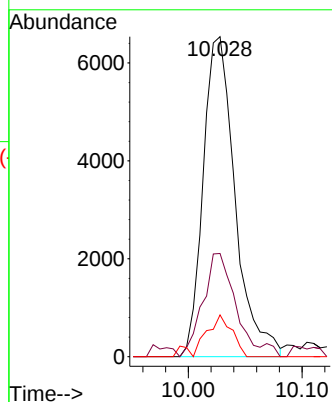
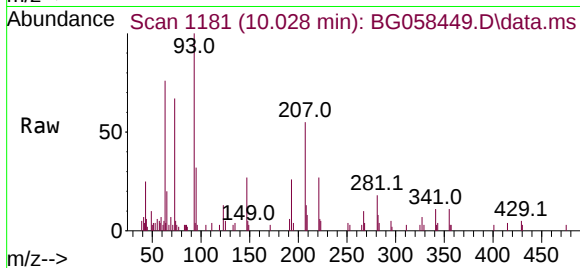




#27  
 Bis(2-Chloroethoxy)methane  
 Concen: 3.419 ng/ul  
 RT: 10.028 min Scan# 1181  
 Delta R.T. 0.001 min  
 Lab File: BG058449.D  
 Acq: 25 Jul 2023 16:52

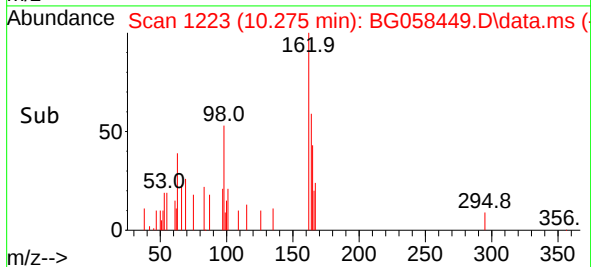
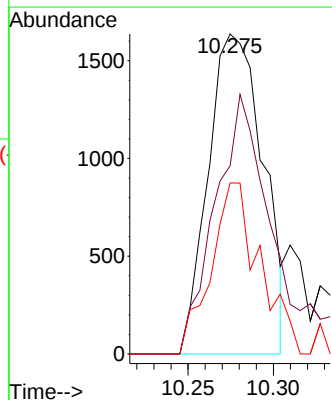
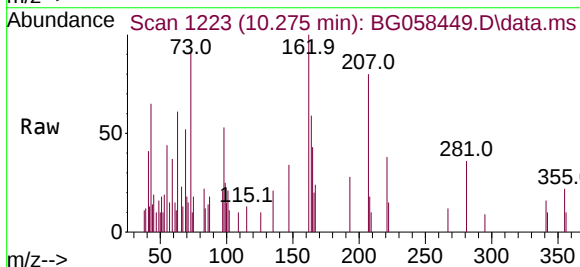
Instrument :  
 BNA\_G  
 ClientSampleId :

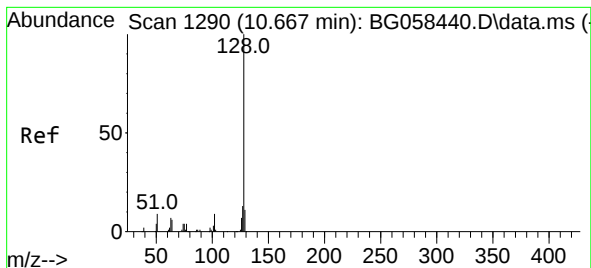
|             |       |           |
|-------------|-------|-----------|
| Tgt Ion: 93 | Resp: | 12753     |
| Ion Ratio   | Lower | Upper     |
| 93          | 100   |           |
| 95          | 32.2  | 25.8 38.8 |
| 123         | 13.1  | 9.3 13.9  |



#29  
 2,4-Dichlorophenol  
 Concen: 1.566 ng/ul  
 RT: 10.275 min Scan# 1223  
 Delta R.T. 0.001 min  
 Lab File: BG058449.D  
 Acq: 25 Jul 2023 16:52

|              |       |            |
|--------------|-------|------------|
| Tgt Ion: 162 | Resp: | 3664       |
| Ion Ratio    | Lower | Upper      |
| 162          | 100   |            |
| 164          | 58.8  | 58.4 87.6  |
| 98           | 53.5  | 29.6 44.4# |

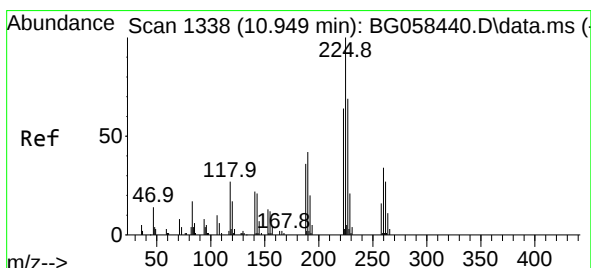
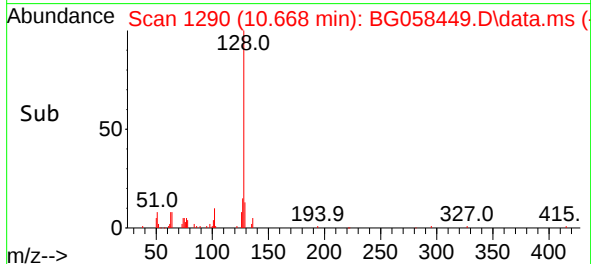
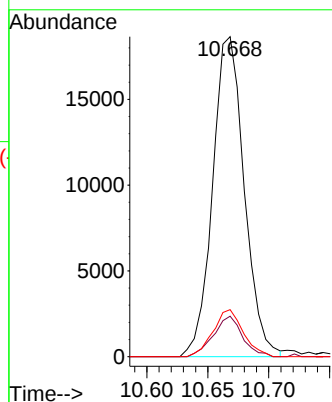
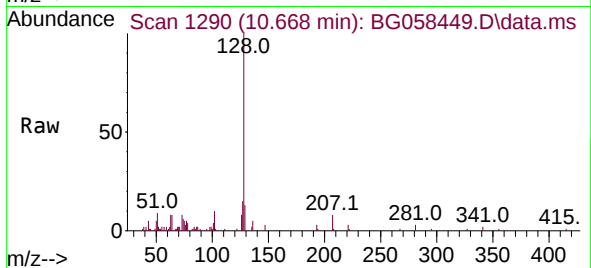




#30  
Naphthalene  
Concen: 4.013 ng/ul  
RT: 10.668 min Scan# 1290  
Delta R.T. 0.001 min  
Lab File: BG058449.D  
Acq: 25 Jul 2023 16:52

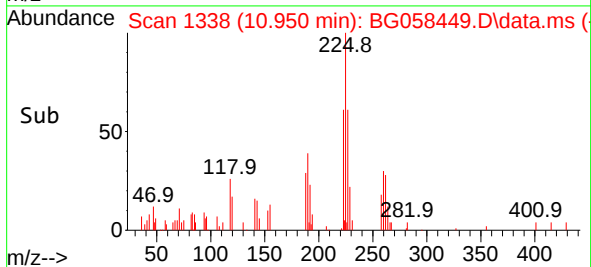
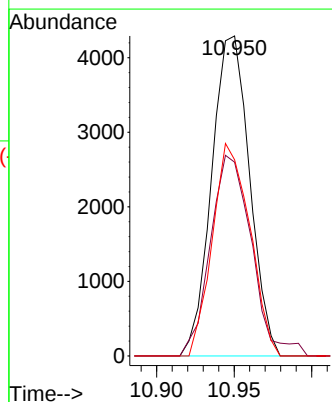
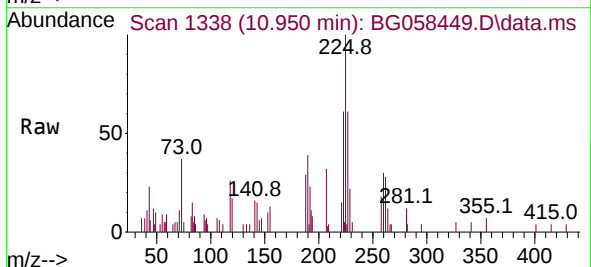
Instrument :  
BNA\_G  
ClientSampleId :

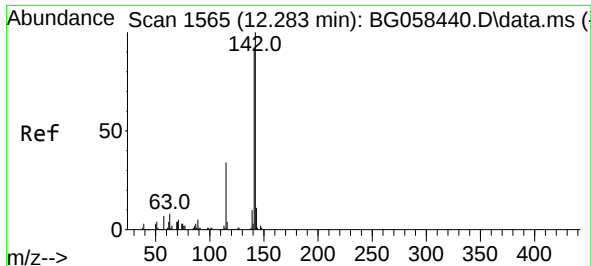
Tgt Ion:128 Resp: 33710  
Ion Ratio Lower Upper  
128 100  
129 12.7 8.8 13.2  
127 14.7 10.8 16.2



#33  
Hexachlorobutadiene  
Concen: 4.366 ng/ul  
RT: 10.950 min Scan# 1338  
Delta R.T. 0.001 min  
Lab File: BG058449.D  
Acq: 25 Jul 2023 16:52

Tgt Ion:225 Resp: 7305  
Ion Ratio Lower Upper  
225 100  
223 60.5 49.7 74.5  
227 61.3 53.2 79.8

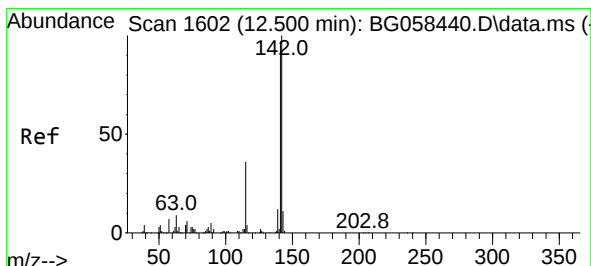
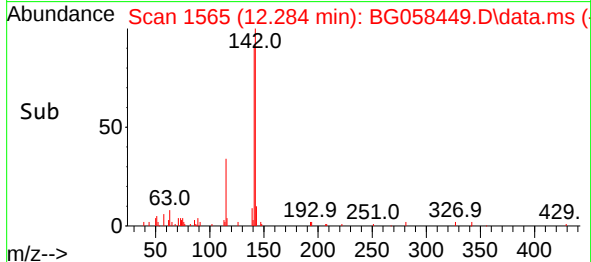
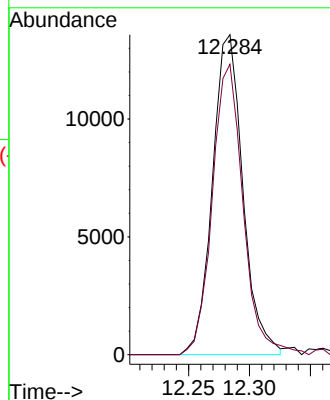
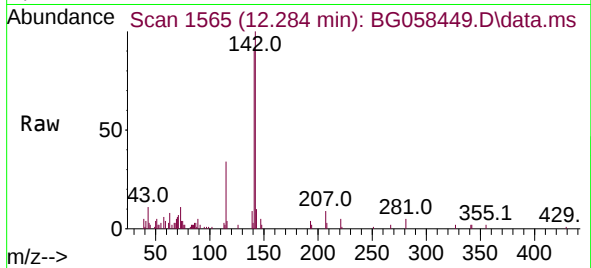




#36  
2-Methylnaphthalene  
Concen: 4.198 ng/ul  
RT: 12.284 min Scan# 1565  
Delta R.T. 0.001 min  
Lab File: BG058449.D  
Acq: 25 Jul 2023 16:52

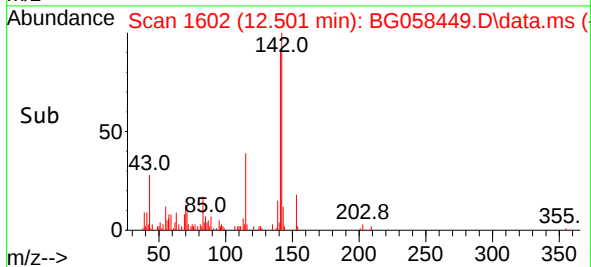
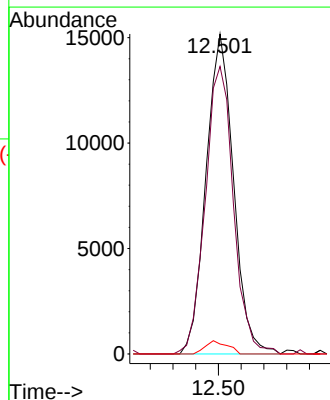
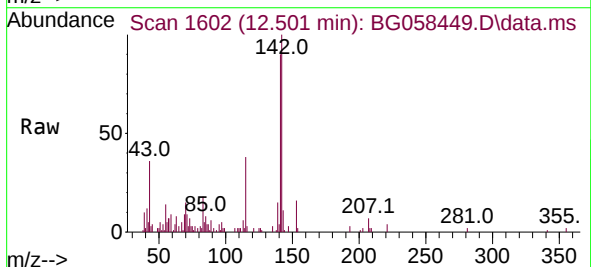
Instrument :  
BNA\_G  
ClientSampleId :

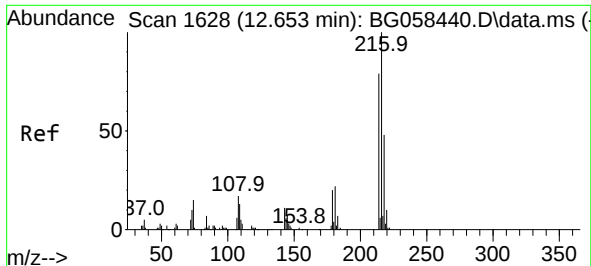
Tgt Ion:142 Resp: 23625  
Ion Ratio Lower Upper  
142 100  
141 90.7 72.6 108.8



#37  
1-Methylnaphthalene  
Concen: 4.414 ng/ul  
RT: 12.501 min Scan# 1602  
Delta R.T. -0.005 min  
Lab File: BG058449.D  
Acq: 25 Jul 2023 16:52

Tgt Ion:142 Resp: 25458  
Ion Ratio Lower Upper  
142 100  
141 89.8 75.8 113.6  
116 3.1 3.2 4.8#





#39

1,2,4,5-Tetrachlorobenzene

Concen: 3.765 ng/ul

RT: 12.648 min Scan# 1

Delta R.T. -0.005 min

Lab File: BG058449.D

Acq: 25 Jul 2023 16:52

Instrument :

BNA\_G

ClientSampleId :

Tgt Ion:216 Resp: 13612

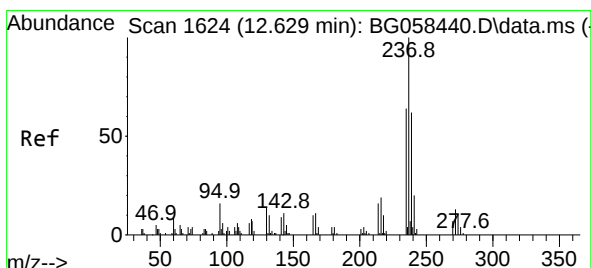
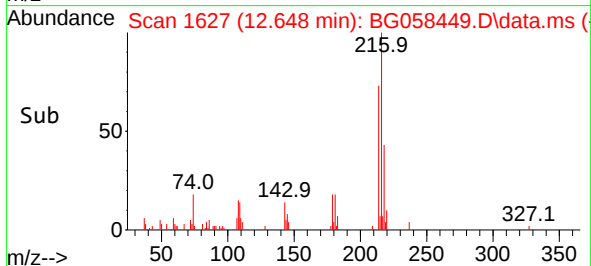
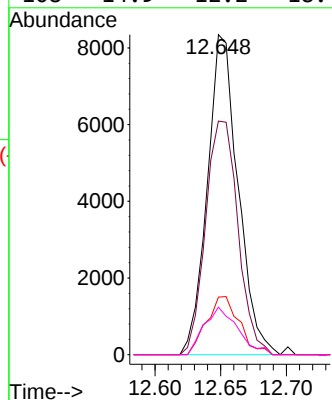
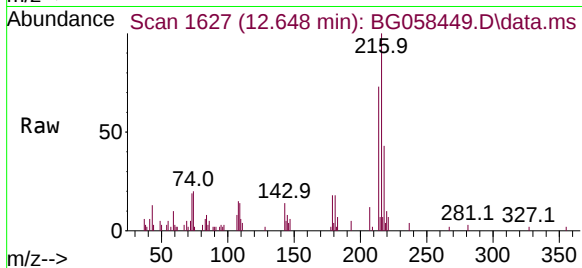
Ion Ratio Lower Upper

216 100

214 73.0 62.2 93.4

179 18.0 16.2 24.2

108 14.9 12.2 18.4



#40

Hexachlorocyclopentadiene

Concen: 1.732 ng/ul

RT: 12.625 min Scan# 1623

Delta R.T. -0.005 min

Lab File: BG058449.D

Acq: 25 Jul 2023 16:52

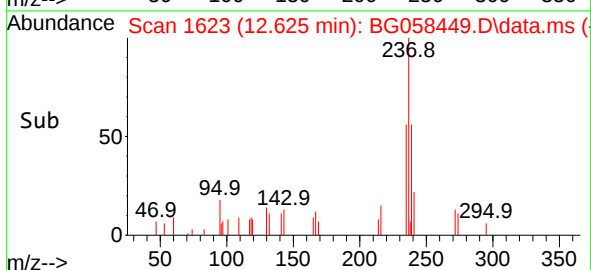
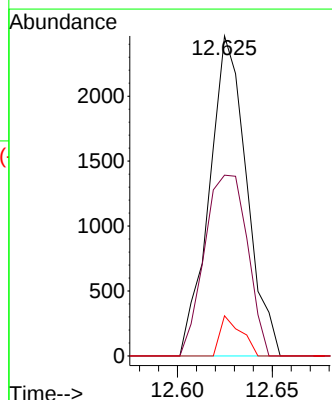
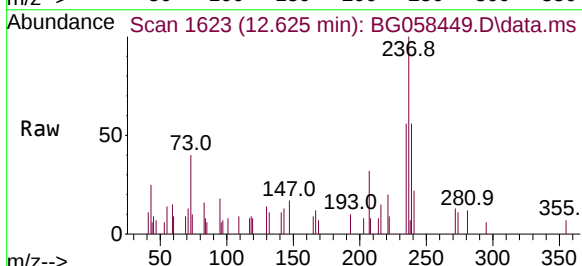
Tgt Ion:237 Resp: 3368

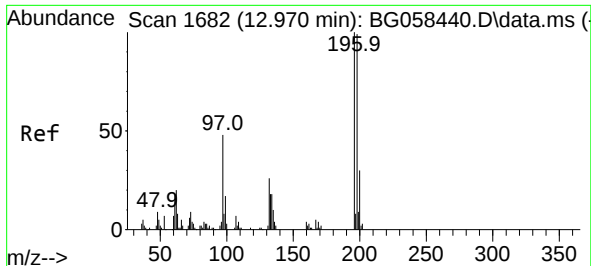
Ion Ratio Lower Upper

237 100

235 56.5 50.9 76.3

272 12.5 10.8 16.2





#42

2,4,5-Trichlorophenol

Concen: 3.402 ng/ul

RT: 12.977 min Scan# 1

Delta R.T. 0.001 min

Lab File: BG058449.D

Acq: 25 Jul 2023 16:52

Instrument :

BNA\_G

ClientSampleId :

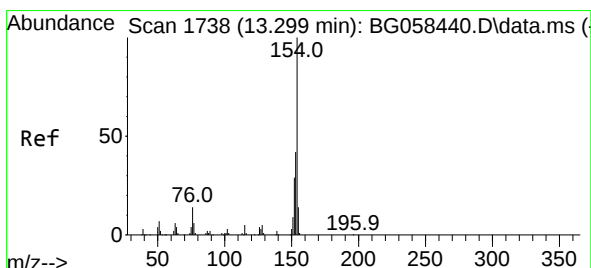
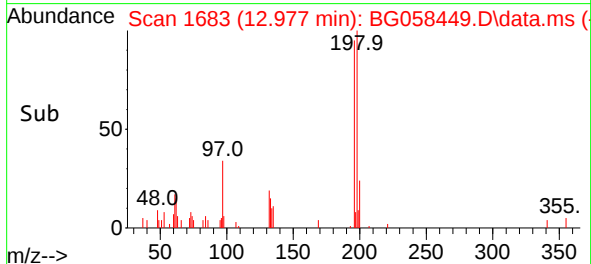
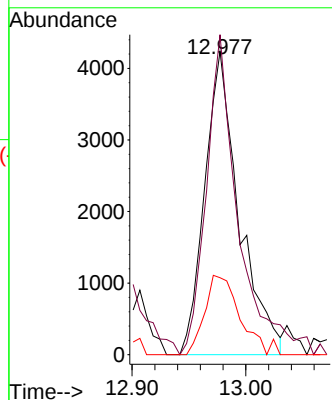
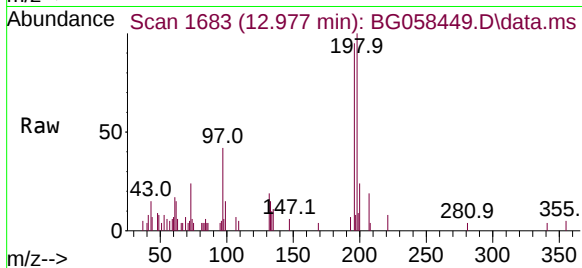
Tgt Ion:196 Resp: 8878

Ion Ratio Lower Upper

196 100

198 105.5 74.8 112.2

200 25.4 24.4 36.6



#43

1,1'-Biphenyl

Concen: 3.969 ng/ul

RT: 13.295 min Scan# 1737

Delta R.T. 0.001 min

Lab File: BG058449.D

Acq: 25 Jul 2023 16:52

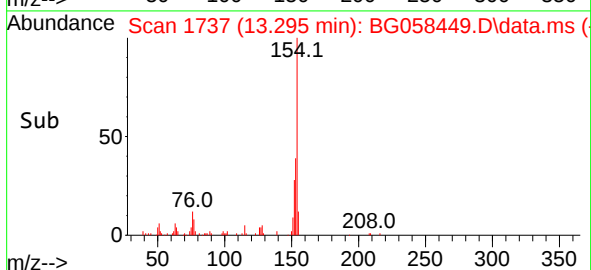
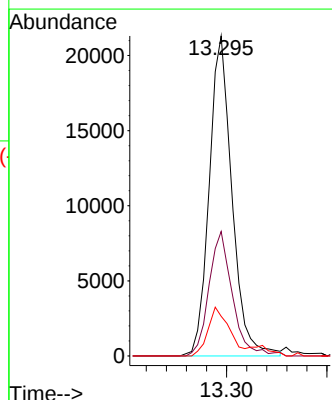
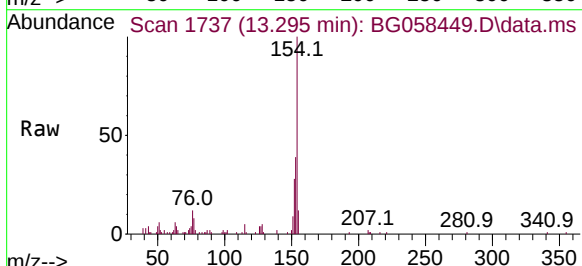
Tgt Ion:154 Resp: 33521

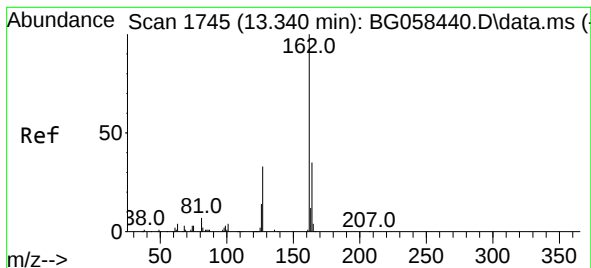
Ion Ratio Lower Upper

154 100

153 38.9 31.8 47.6

76 12.4 11.7 17.5





#44

2-Chloronaphthalene

Concen: 3.866 ng/ul

RT: 13.336 min Scan# 1

Delta R.T. -0.005 min

Lab File: BG058449.D

Acq: 25 Jul 2023 16:52

Instrument :

BNA\_G

ClientSampleId :

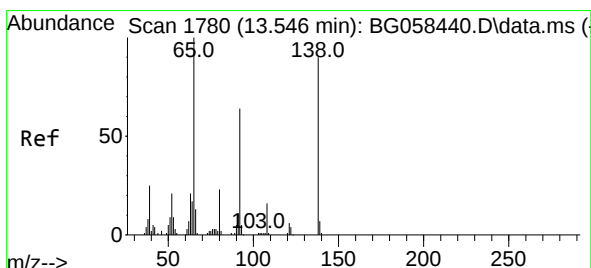
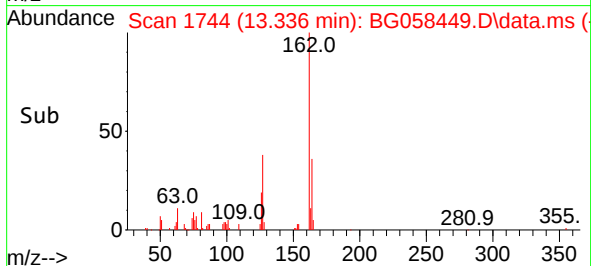
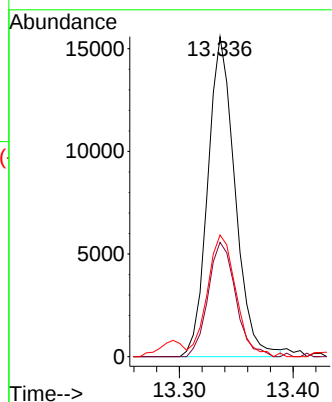
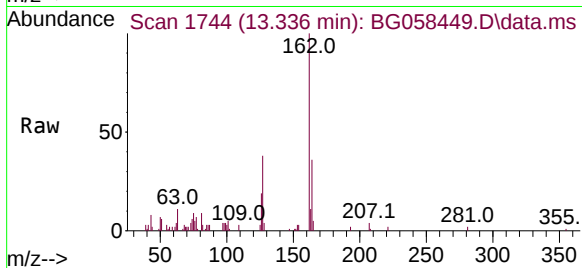
Tgt Ion:162 Resp: 25963

Ion Ratio Lower Upper

162 100

164 35.8 26.2 39.2

127 38.0 29.8 44.6



#45

2-Nitroaniline

Concen: 3.115 ng/ul

RT: 13.553 min Scan# 1781

Delta R.T. 0.006 min

Lab File: BG058449.D

Acq: 25 Jul 2023 16:52

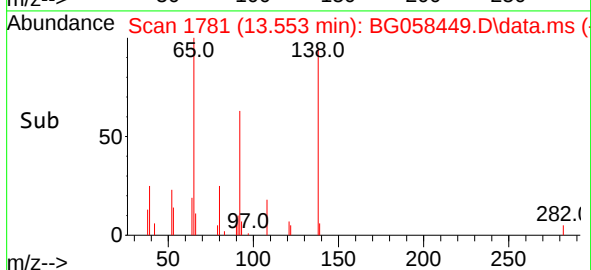
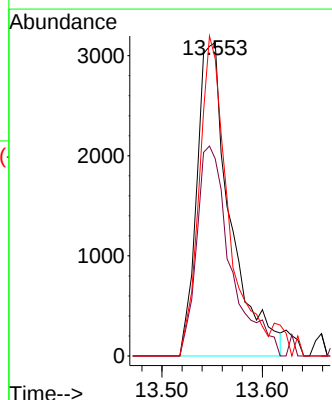
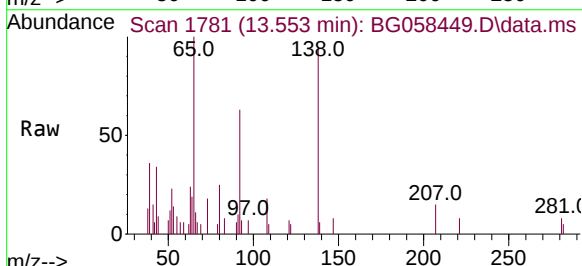
Tgt Ion: 65 Resp: 7265

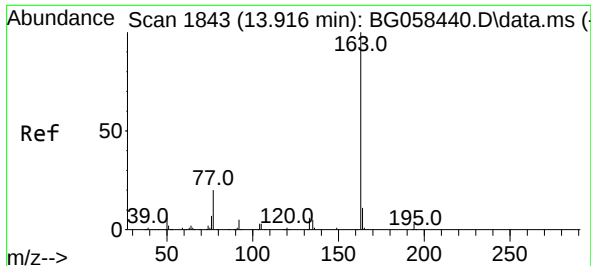
Ion Ratio Lower Upper

65 100

92 62.9 51.4 77.2

138 94.8 71.6 107.4





#47

Dimethylphthalate

Concen: 4.941 ng/ul

RT: 13.912 min Scan# 1842

Delta R.T. -0.005 min

Lab File: BG058449.D

Acq: 25 Jul 2023 16:52

Instrument :

BNA\_G

ClientSampleId :

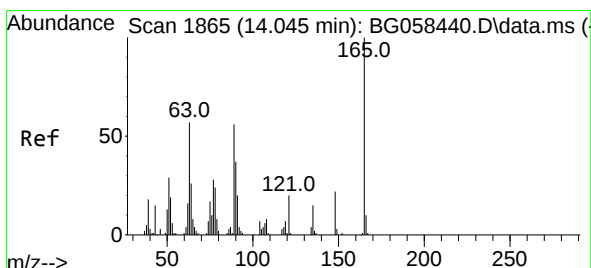
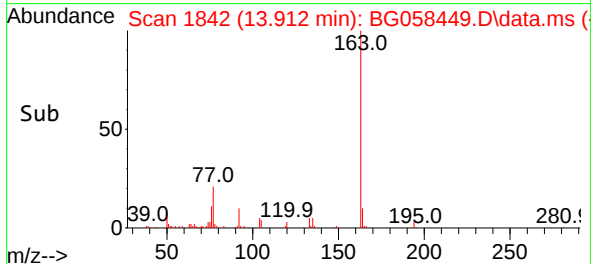
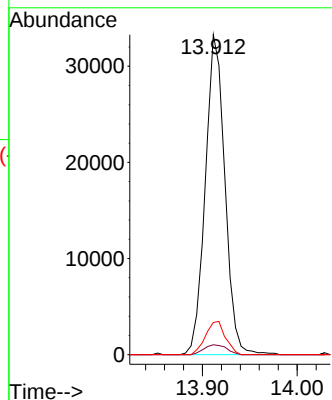
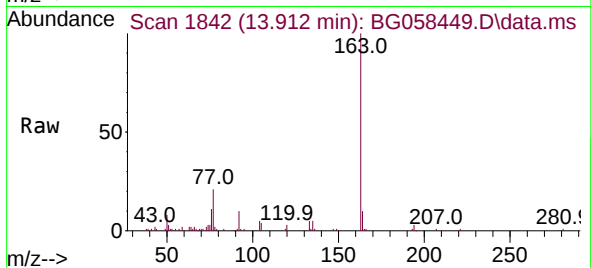
Tgt Ion:163 Resp: 47798

Ion Ratio Lower Upper

163 100

194 3.1 2.6 3.8

164 10.0 8.2 12.2



#48

2,6-Dinitrotoluene

Concen: 4.012 ng/ul

RT: 14.041 min Scan# 1864

Delta R.T. -0.005 min

Lab File: BG058449.D

Acq: 25 Jul 2023 16:52

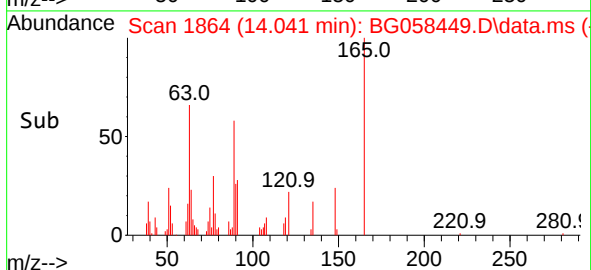
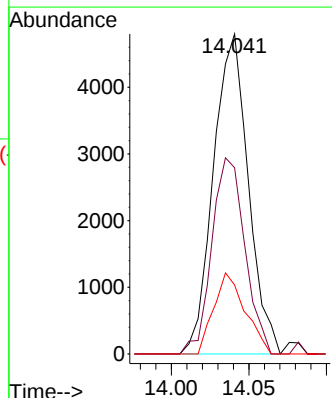
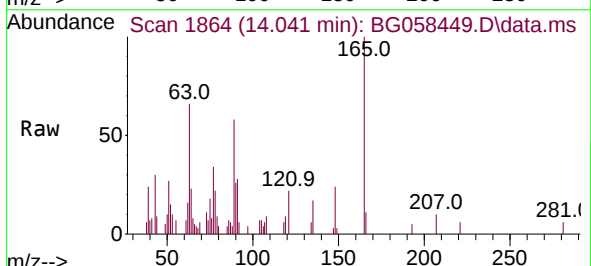
Tgt Ion:165 Resp: 7500

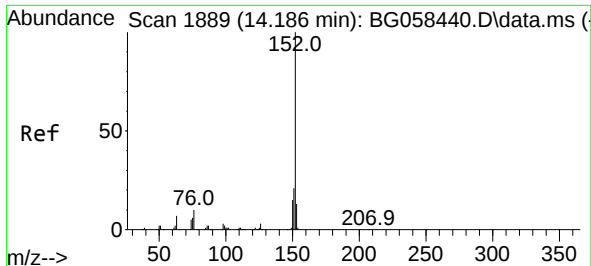
Ion Ratio Lower Upper

165 100

89 58.2 48.9 73.3

121 21.5 16.2 24.4

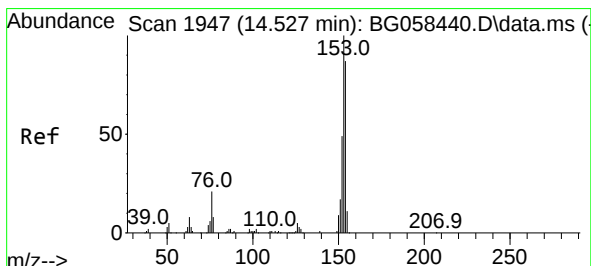
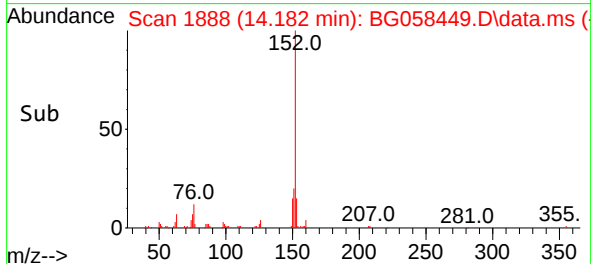
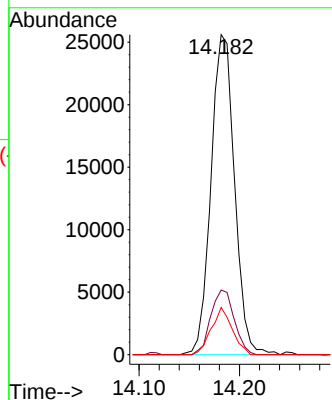
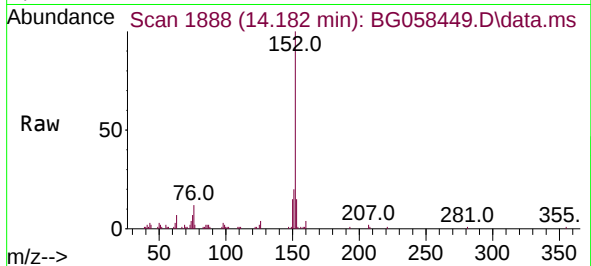




#50  
Acenaphthylene  
Concen: 3.831 ng/ul  
RT: 14.182 min Scan# 1889  
Delta R.T. -0.005 min  
Lab File: BG058449.D  
Acq: 25 Jul 2023 16:52

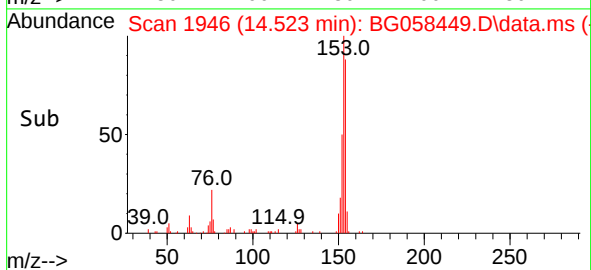
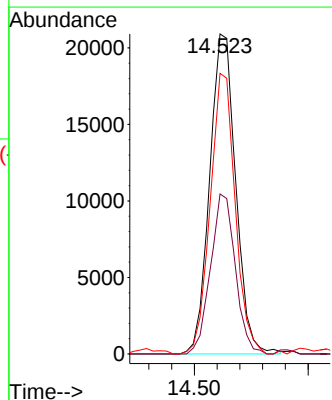
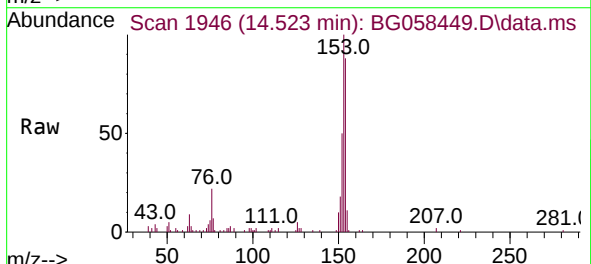
Instrument :  
BNA\_G  
ClientSampleId :

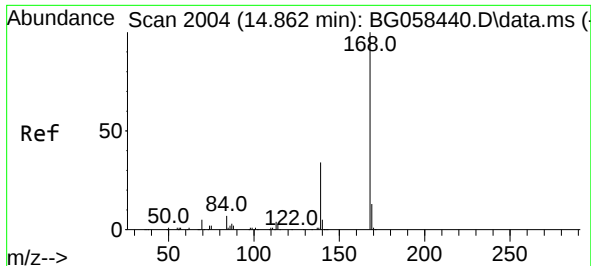
Tgt Ion:152 Resp: 41741  
Ion Ratio Lower Upper  
152 100  
151 20.2 16.4 24.6  
153 14.7 10.6 16.0



#52  
Acenaphthene  
Concen: 4.402 ng/ul  
RT: 14.523 min Scan# 1946  
Delta R.T. -0.005 min  
Lab File: BG058449.D  
Acq: 25 Jul 2023 16:52

Tgt Ion:153 Resp: 33303  
Ion Ratio Lower Upper  
153 100  
152 50.0 39.1 58.7  
154 87.7 68.7 103.1

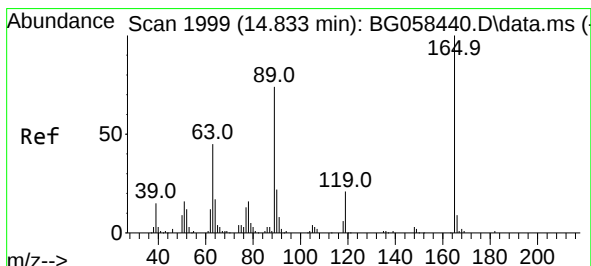
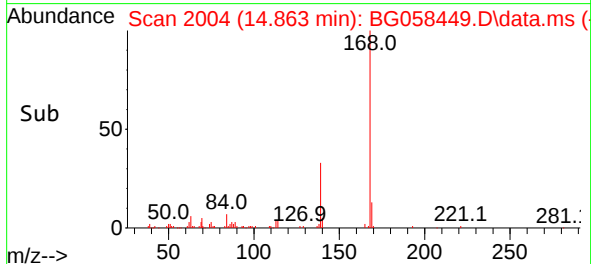
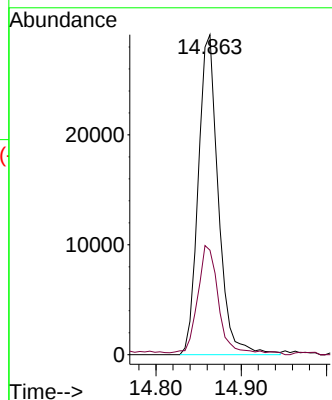
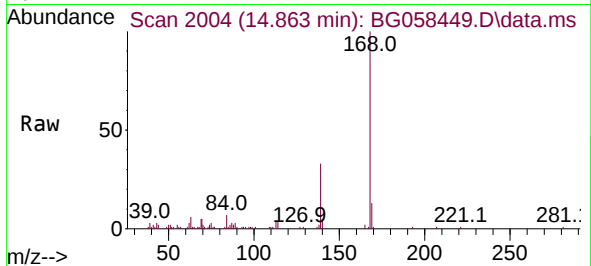




#56  
Dibenzofuran  
Concen: 4.415 ng/ul  
RT: 14.863 min Scan# 2004  
Delta R.T. 0.001 min  
Lab File: BG058449.D  
Acq: 25 Jul 2023 16:52

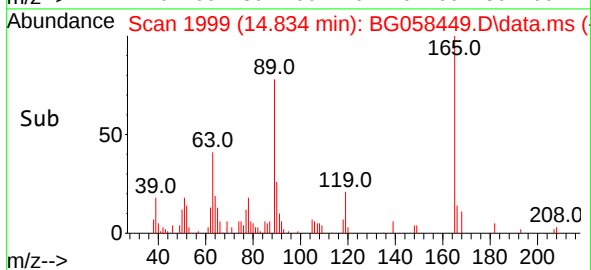
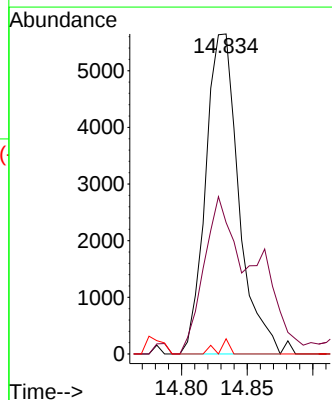
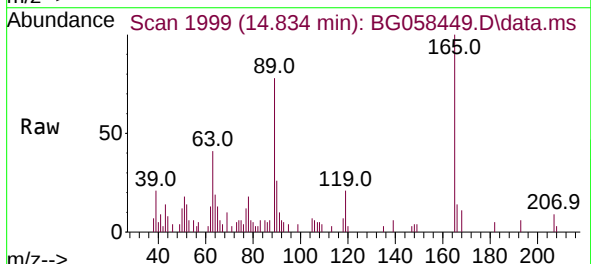
Instrument :  
BNA\_G  
ClientSampleId :

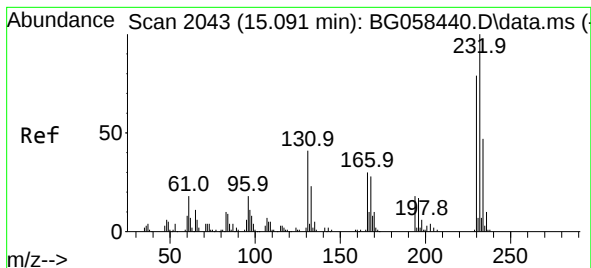
Tgt Ion:168 Resp: 47555  
Ion Ratio Lower Upper  
168 100  
139 32.7 27.8 41.8



#57  
2,4-Dinitrotoluene  
Concen: 3.676 ng/ul  
RT: 14.834 min Scan# 1999  
Delta R.T. 0.001 min  
Lab File: BG058449.D  
Acq: 25 Jul 2023 16:52

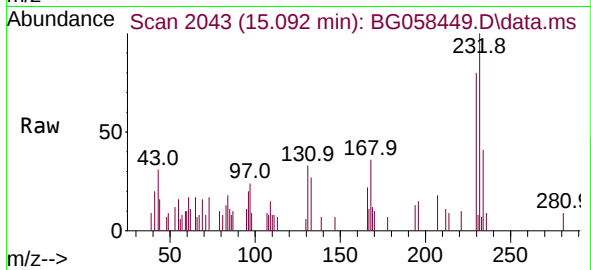
Tgt Ion:165 Resp: 9911  
Ion Ratio Lower Upper  
165 100  
63 41.1 33.8 50.6  
182 4.8 1.2 1.8#



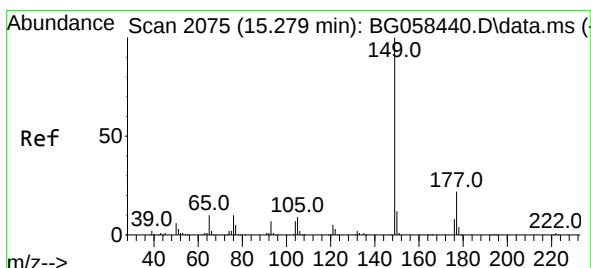
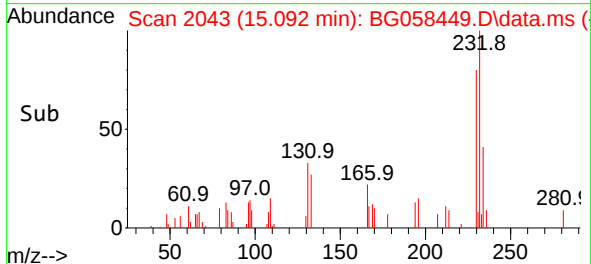
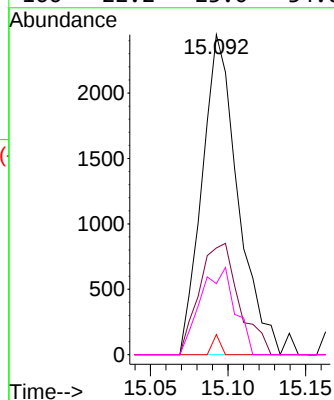


#58  
2,3,4,6-Tetrachlorophenol  
Concen: 1.627 ng/ul  
RT: 15.092 min Scan# 2043  
Delta R.T. 0.001 min  
Lab File: BG058449.D  
Acq: 25 Jul 2023 16:52

Instrument :  
BNA\_G  
ClientSampleId :

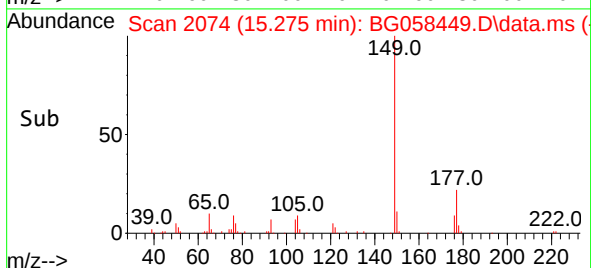
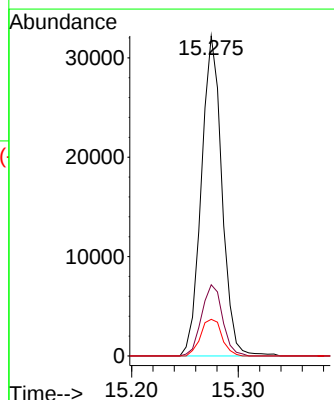
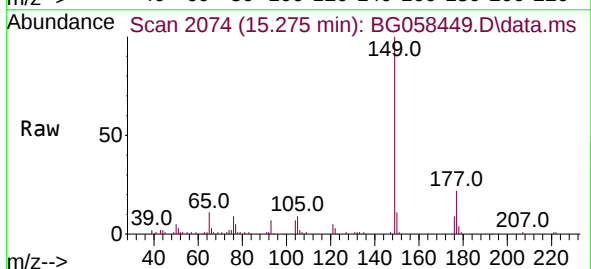


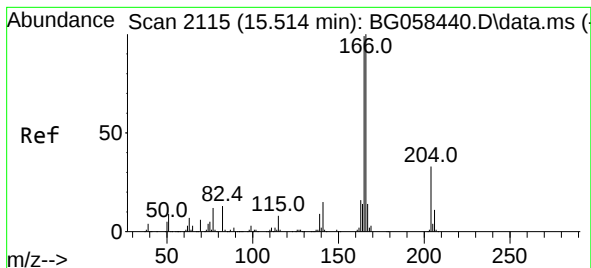
Tgt Ion:232 Resp: 3924  
Ion Ratio Lower Upper  
232 100  
131 33.4 29.0 43.6  
130 6.3 1.1 1.7#  
166 22.2 23.0 34.6#



#59  
Diethylphthalate  
Concen: 4.339 ng/ul  
RT: 15.275 min Scan# 2074  
Delta R.T. -0.005 min  
Lab File: BG058449.D  
Acq: 25 Jul 2023 16:52

Tgt Ion:149 Resp: 43243  
Ion Ratio Lower Upper  
149 100  
177 22.2 18.4 27.6  
150 11.4 10.0 15.0





#61

Fluorene

Concen: 4.641 ng/ul

RT: 15.510 min Scan# 2115

Delta R.T. -0.005 min

Lab File: BG058449.D

Acq: 25 Jul 2023 16:52

Instrument :

BNA\_G

ClientSampleId :

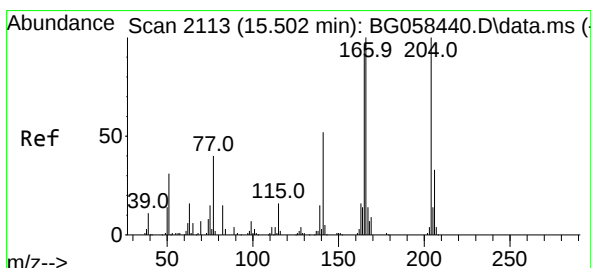
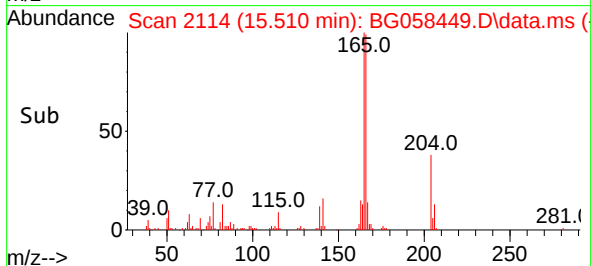
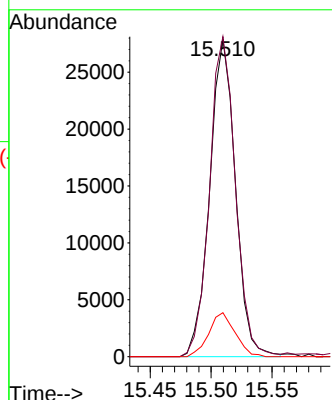
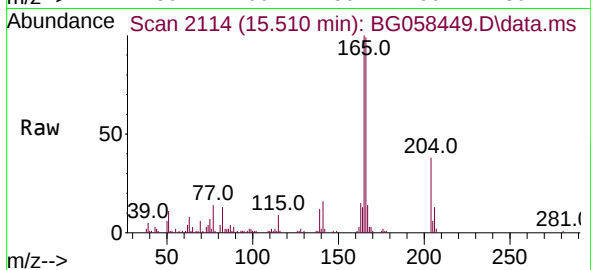
Tgt Ion:166 Resp: 40992

Ion Ratio Lower Upper

166 100

165 100.8 80.2 120.2

167 13.8 10.5 15.7



#62

4-Chlorophenyl-phenylether

Concen: 4.450 ng/ul

RT: 15.504 min Scan# 2113

Delta R.T. -0.005 min

Lab File: BG058449.D

Acq: 25 Jul 2023 16:52

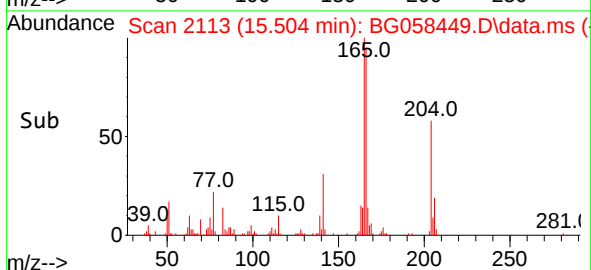
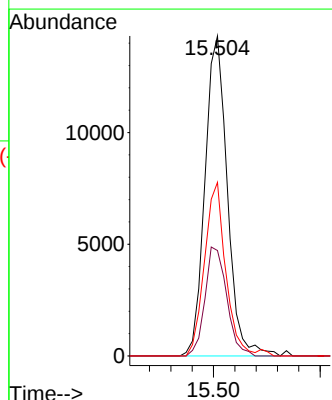
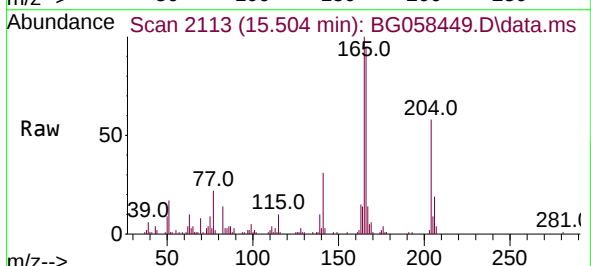
Tgt Ion:204 Resp: 20867

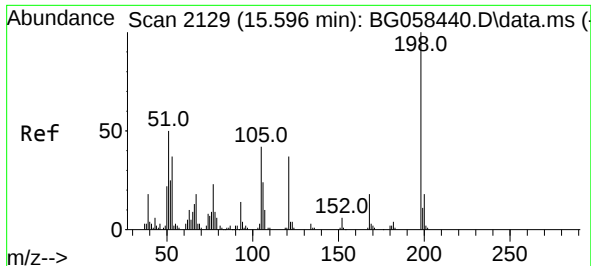
Ion Ratio Lower Upper

204 100

206 33.0 26.0 39.0

141 54.3 42.2 63.2

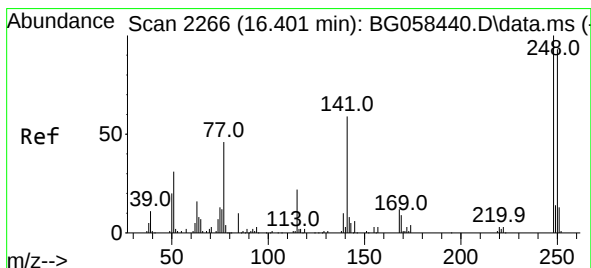
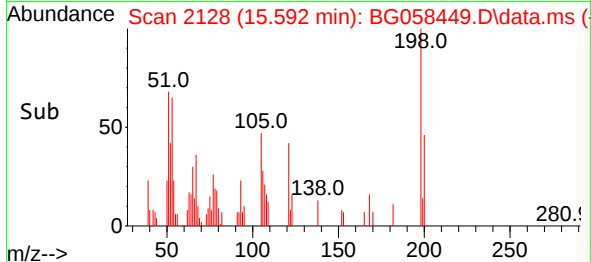
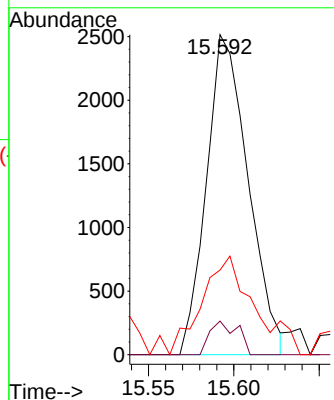
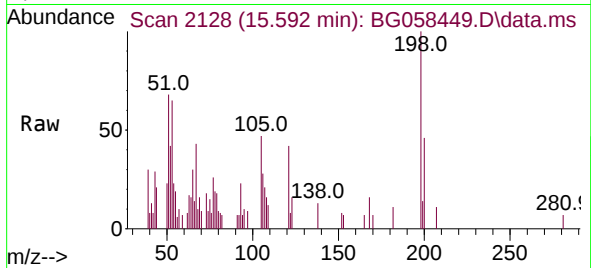




#66  
 4,6-Dinitro-2-methylphenol  
 Concen: 2.429 ng/ul  
 RT: 15.592 min Scan# 2129  
 Delta R.T. -0.005 min  
 Lab File: BG058449.D  
 Acq: 25 Jul 2023 16:52

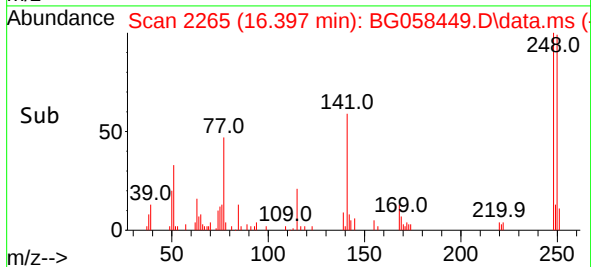
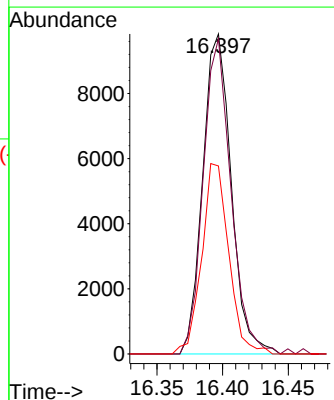
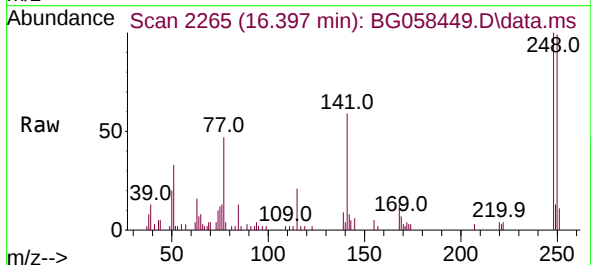
Instrument :  
 BNA\_G  
 ClientSampleId :

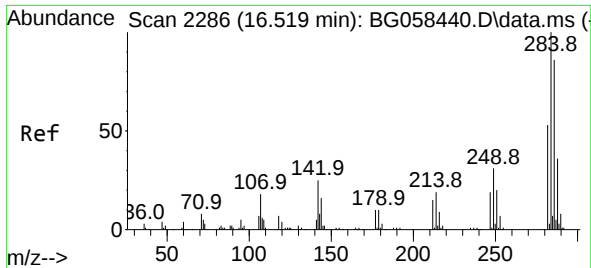
Tgt Ion:198 Resp: 4278  
 Ion Ratio Lower Upper  
 198 100  
 182 10.5 3.4 5.2#  
 77 26.4 18.4 27.6



#68  
 4-Bromophenyl-phenylether  
 Concen: 4.177 ng/ul  
 RT: 16.397 min Scan# 2265  
 Delta R.T. -0.005 min  
 Lab File: BG058449.D  
 Acq: 25 Jul 2023 16:52

Tgt Ion:248 Resp: 14865  
 Ion Ratio Lower Upper  
 248 100  
 250 98.5 73.8 110.6  
 141 58.8 48.2 72.2

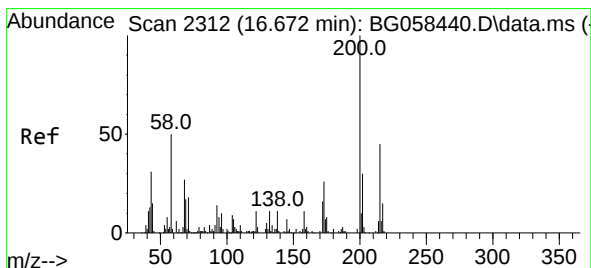
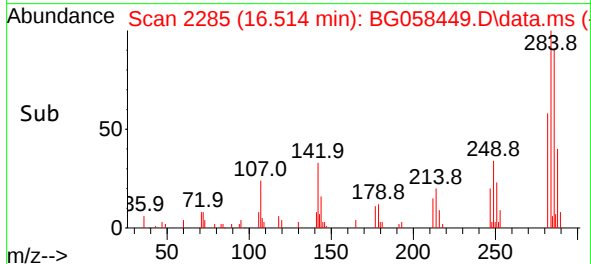
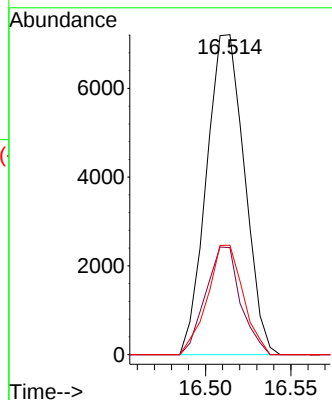
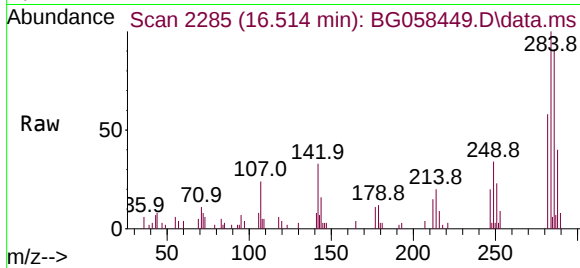




#69  
Hexachlorobenzene  
Concen: 2.779 ng/ul  
RT: 16.514 min Scan# 211  
Delta R.T. -0.005 min  
Lab File: BG058449.D  
Acq: 25 Jul 2023 16:52

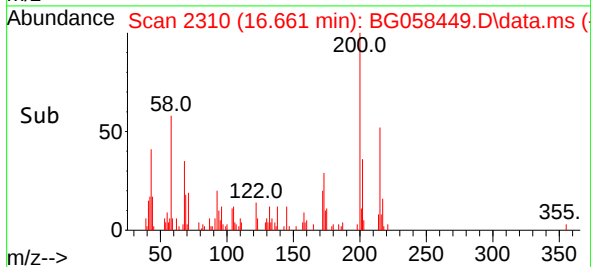
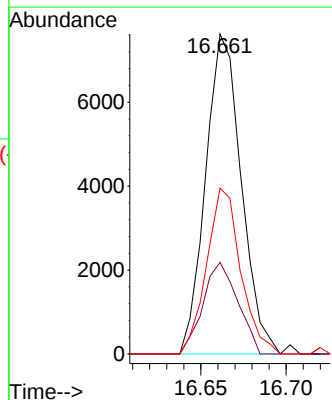
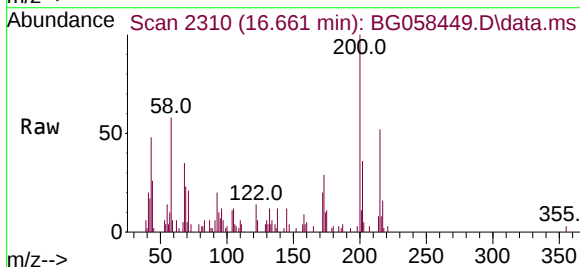
Instrument :  
BNA\_G  
ClientSampleId :

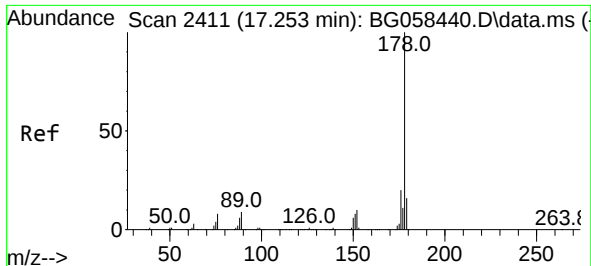
Tgt Ion:284 Resp: 11158  
Ion Ratio Lower Upper  
284 100  
142 31.6 20.5 30.7#  
249 32.3 25.2 37.8



#70  
Atrazine  
Concen: 3.395 ng/ul  
RT: 16.661 min Scan# 2310  
Delta R.T. -0.005 min  
Lab File: BG058449.D  
Acq: 25 Jul 2023 16:52

Tgt Ion:200 Resp: 11085  
Ion Ratio Lower Upper  
200 100  
173 28.6 19.8 29.8  
215 51.8 36.2 54.4

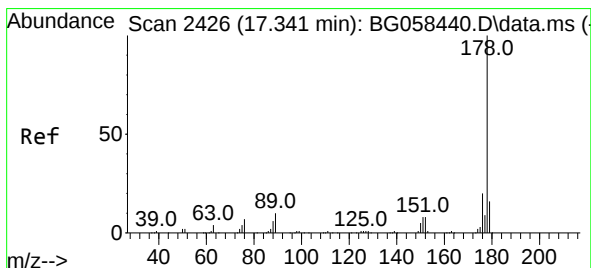
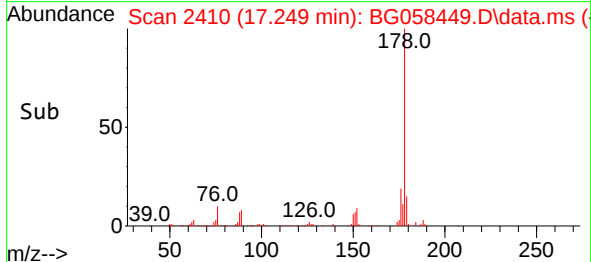
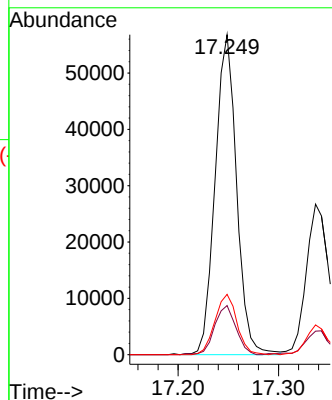
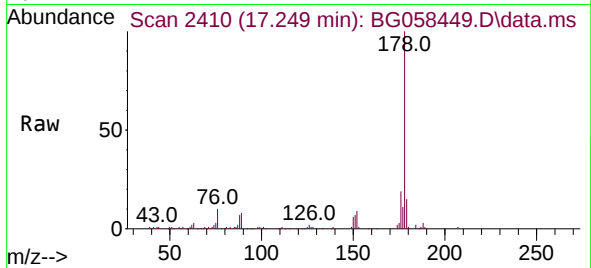




#72  
Phenanthrene  
Concen: 5.286 ng/ul  
RT: 17.249 min Scan# 2411  
Delta R.T. -0.005 min  
Lab File: BG058449.D  
Acq: 25 Jul 2023 16:52

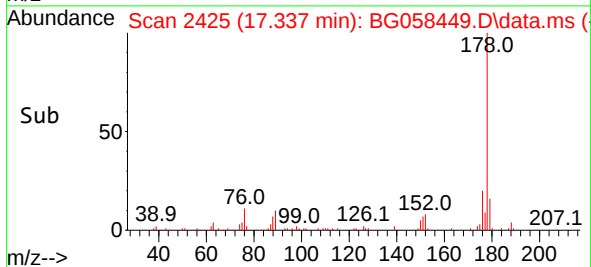
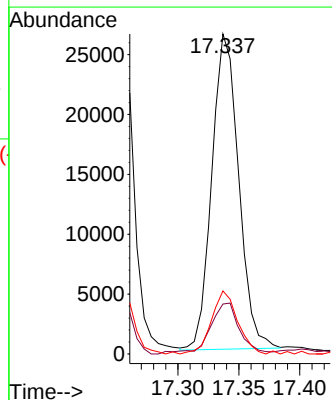
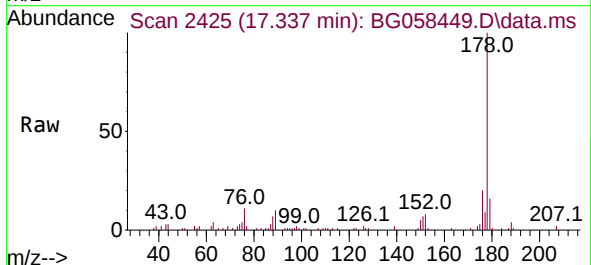
Instrument :  
BNA\_G  
ClientSampleId :

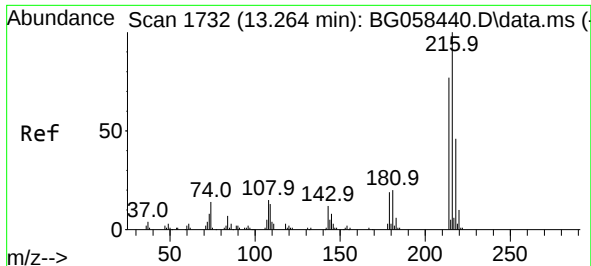
Tgt Ion:178 Resp: 84389  
Ion Ratio Lower Upper  
178 100  
179 15.4 11.9 17.9  
176 18.9 15.8 23.8



#74  
Anthracene  
Concen: 2.522 ng/ul  
RT: 17.337 min Scan# 2425  
Delta R.T. -0.005 min  
Lab File: BG058449.D  
Acq: 25 Jul 2023 16:52

Tgt Ion:178 Resp: 40421  
Ion Ratio Lower Upper  
178 100  
179 15.6 13.4 20.2  
176 19.7 16.2 24.2

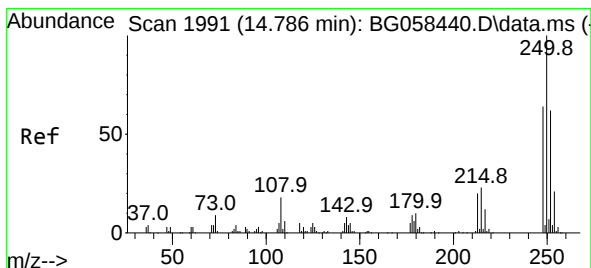
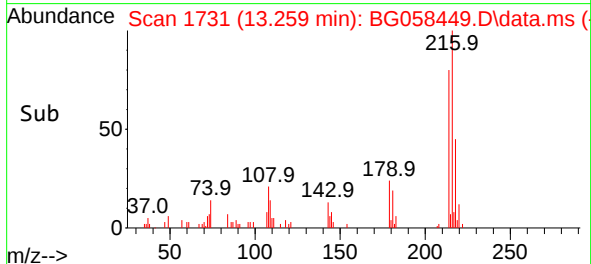
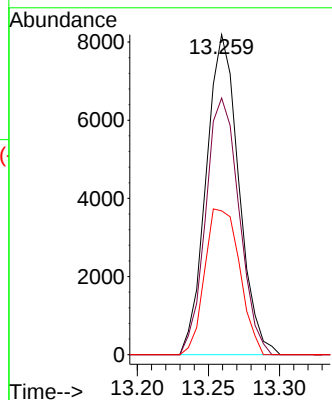
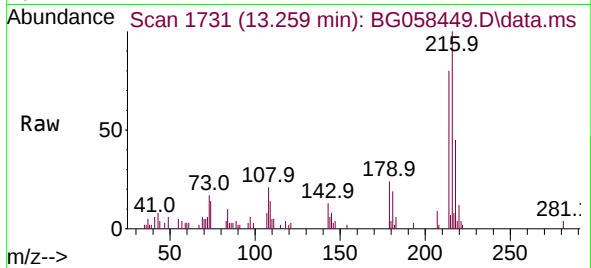




#75  
1,2,3,4-Tetrachlorobenzene  
Concen: 3.102 ng/uL  
RT: 13.259 min Scan# 11  
Delta R.T. -0.005 min  
Lab File: BG058449.D  
Acq: 25 Jul 2023 16:52

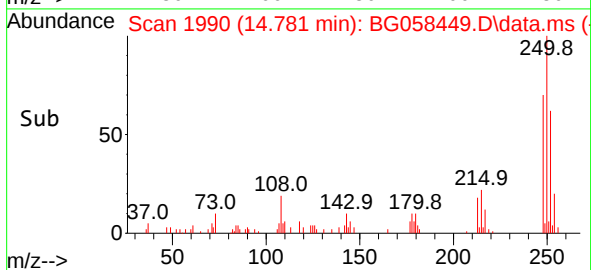
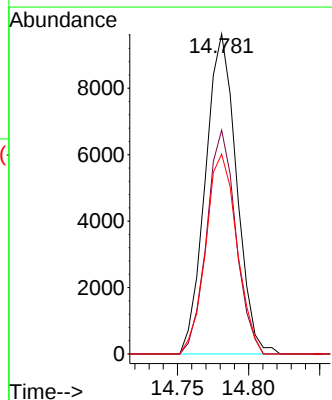
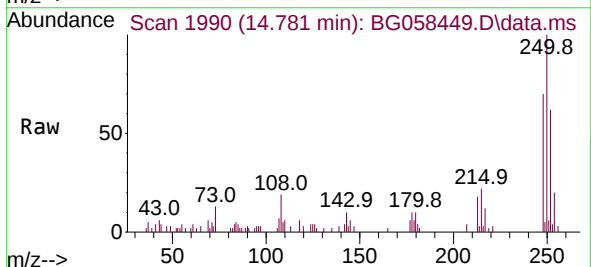
Instrument :  
BNA\_G  
ClientSampleId :

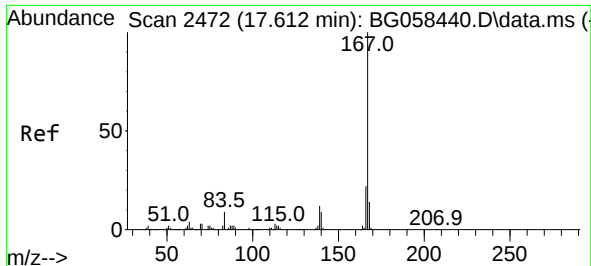
Tgt Ion:216 Resp: 13073  
Ion Ratio Lower Upper  
216 100  
214 80.2 62.2 93.4  
218 45.0 40.9 61.3



#76  
Pentachlorobenzene  
Concen: 3.182 ng/uL  
RT: 14.781 min Scan# 1990  
Delta R.T. -0.005 min  
Lab File: BG058449.D  
Acq: 25 Jul 2023 16:52

Tgt Ion:250 Resp: 14662  
Ion Ratio Lower Upper  
250 100  
248 69.9 51.6 77.4  
252 62.5 54.4 81.6

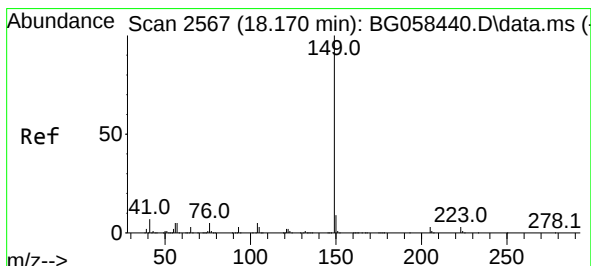
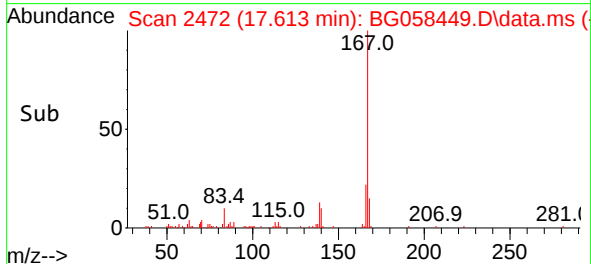
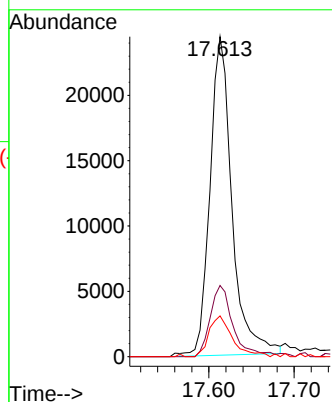
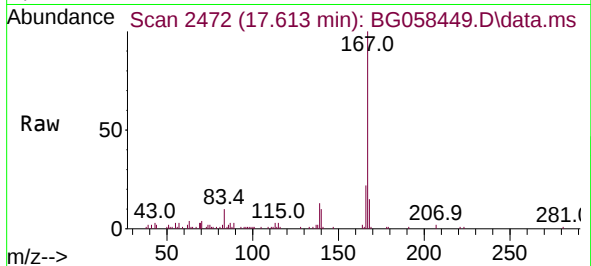




#77  
 Carbazole  
 Concen: 3.155 ng/ul  
 RT: 17.613 min Scan# 2472  
 Delta R.T. -0.005 min  
 Lab File: BG058449.D  
 Acq: 25 Jul 2023 16:52

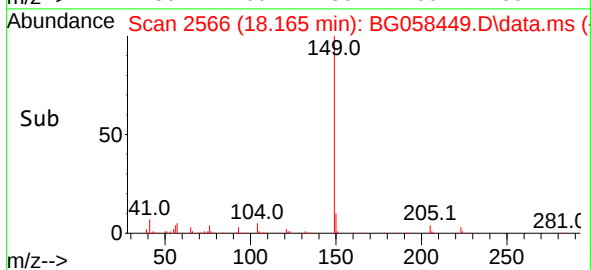
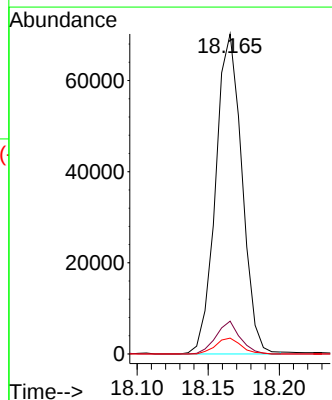
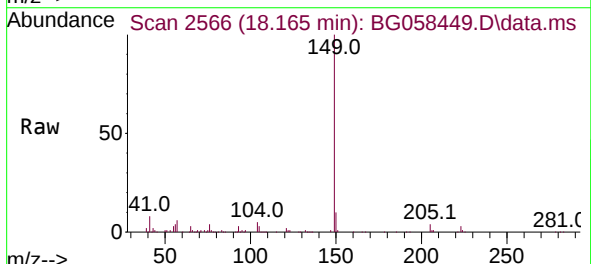
Instrument :  
 BNA\_G  
 ClientSampleId :

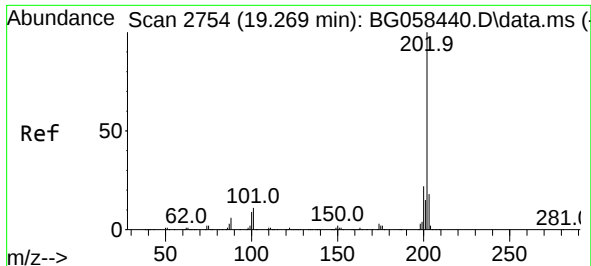
Tgt Ion:167 Resp: 43829  
 Ion Ratio Lower Upper  
 167 100  
 166 22.2 17.8 26.8  
 139 12.7 9.4 14.0



#78  
 Di-n-butylphthalate  
 Concen: 5.113 ng/ul  
 RT: 18.165 min Scan# 2566  
 Delta R.T. -0.005 min  
 Lab File: BG058449.D  
 Acq: 25 Jul 2023 16:52

Tgt Ion:149 Resp: 90267  
 Ion Ratio Lower Upper  
 149 100  
 150 10.2 7.2 10.8  
 104 5.0 3.9 5.9

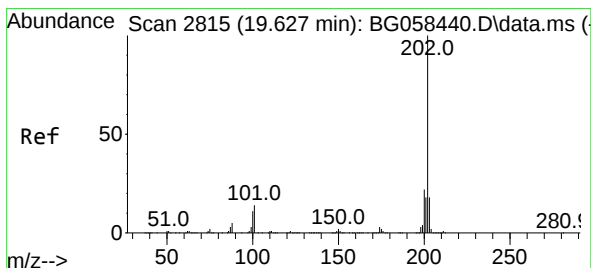
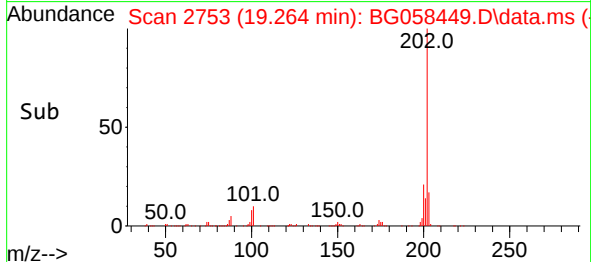
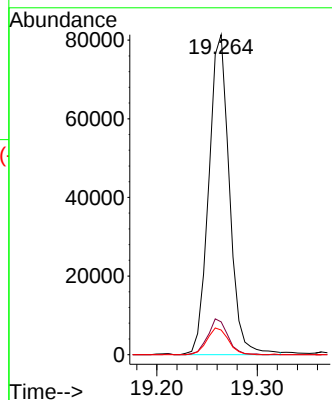
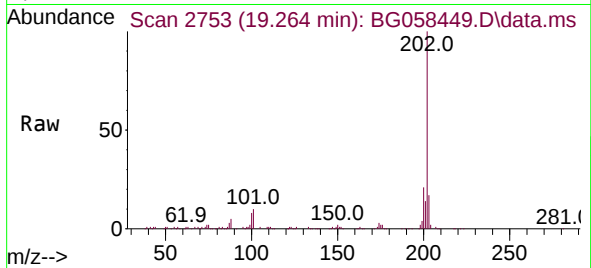




#80  
Fluoranthene  
Concen: 5.722 ng/ul  
RT: 19.264 min Scan# 21  
Delta R.T. -0.005 min  
Lab File: BG058449.D  
Acq: 25 Jul 2023 16:52

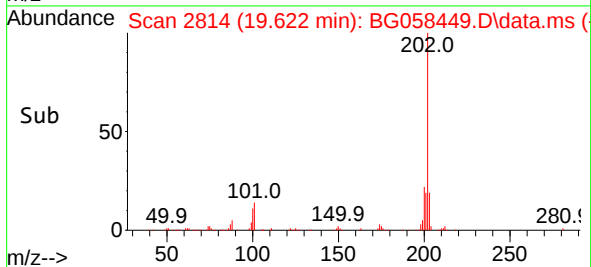
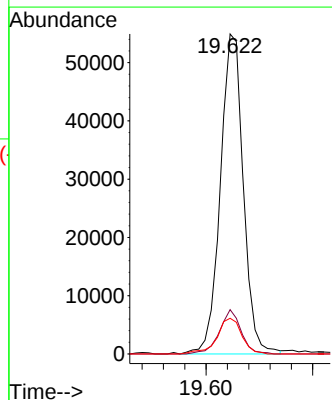
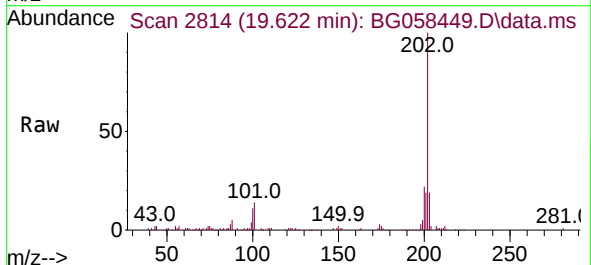
Instrument :  
BNA\_G  
ClientSampleId :

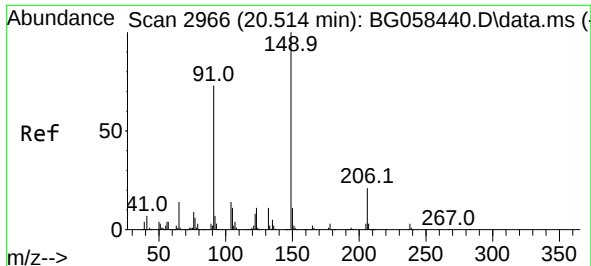
Tgt Ion:202 Resp: 116181  
Ion Ratio Lower Upper  
202 100  
101 10.3 8.6 12.8  
100 7.7 7.2 10.8



#82  
Pyrene  
Concen: 3.988 ng/ul  
RT: 19.622 min Scan# 2814  
Delta R.T. -0.005 min  
Lab File: BG058449.D  
Acq: 25 Jul 2023 16:52

Tgt Ion:202 Resp: 82052  
Ion Ratio Lower Upper  
202 100  
101 13.8 10.2 15.2  
100 11.1 8.9 13.3

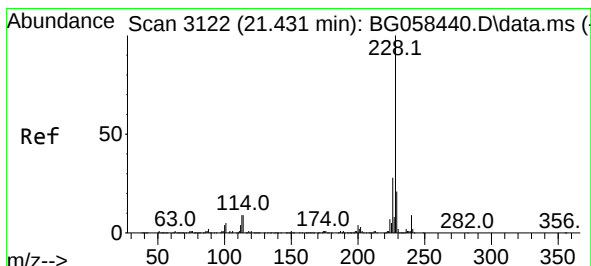
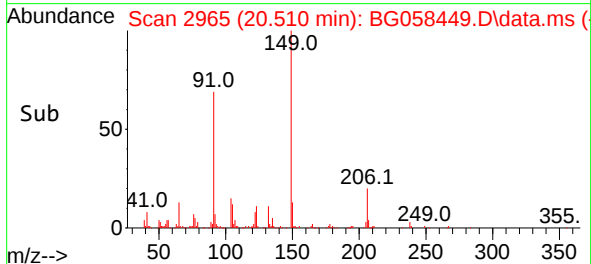
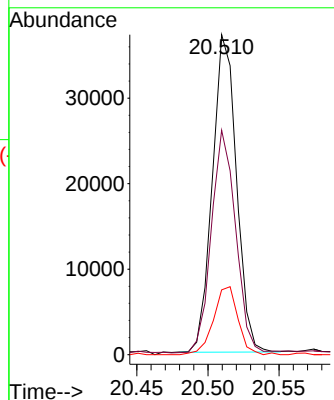
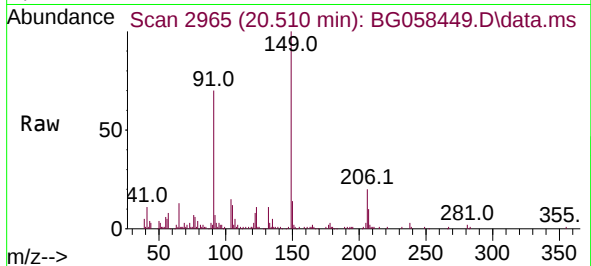




#83  
Butylbenzylphthalate  
Concen: 5.390 ng/ul  
RT: 20.510 min Scan# 2965  
Delta R.T. -0.005 min  
Lab File: BG058449.D  
Acq: 25 Jul 2023 16:52

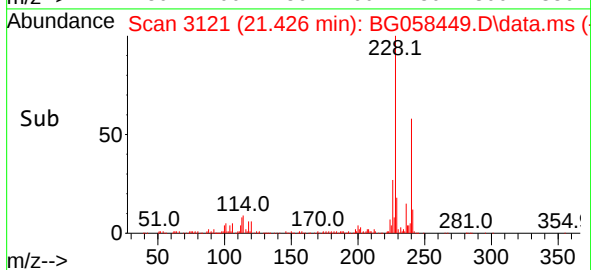
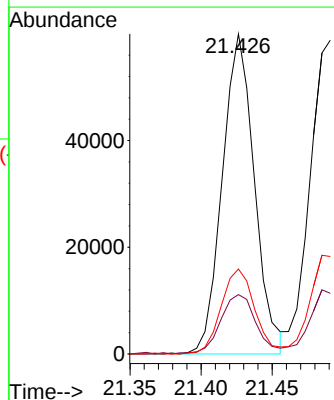
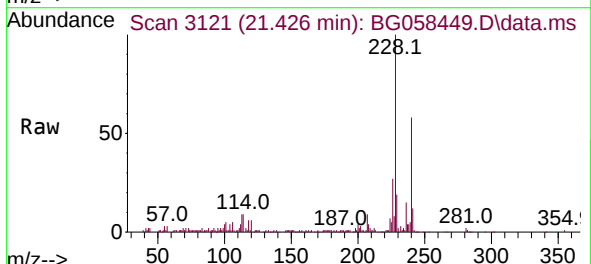
Instrument :  
BNA\_G  
ClientSampleId :

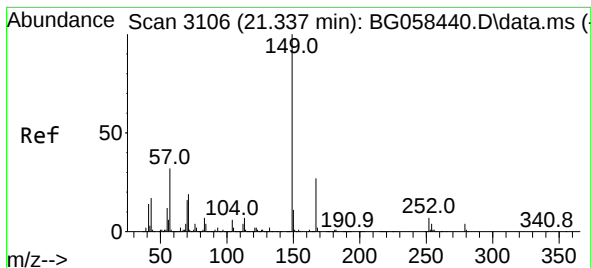
Tgt Ion:149 Resp: 43665  
Ion Ratio Lower Upper  
149 100  
91 70.2 59.9 89.9  
206 20.3 16.9 25.3



#85  
Benzo(a)anthracene  
Concen: 4.666 ng/ul  
RT: 21.426 min Scan# 3121  
Delta R.T. -0.005 min  
Lab File: BG058449.D  
Acq: 25 Jul 2023 16:52

Tgt Ion:228 Resp: 94111  
Ion Ratio Lower Upper  
228 100  
229 18.5 15.7 23.5  
226 26.5 21.8 32.8





#86

Bis(2-ethylhexyl)phthalate

Concen: 6.849 ng/ul

RT: 21.332 min Scan# 3105

Delta R.T. -0.005 min

Lab File: BG058449.D

Acq: 25 Jul 2023 16:52

Instrument :

BNA\_G

ClientSampleId :

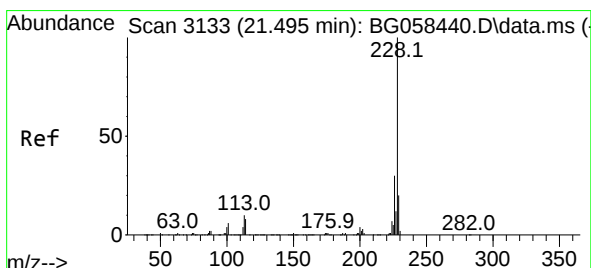
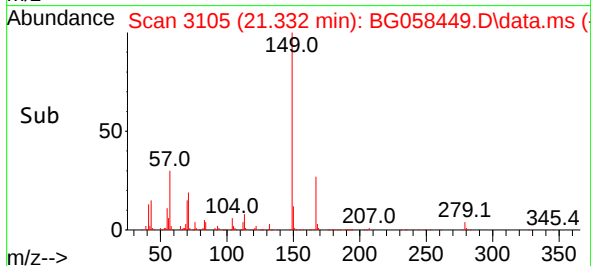
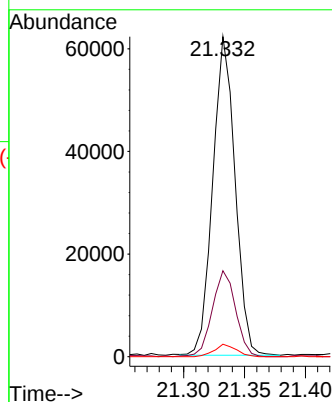
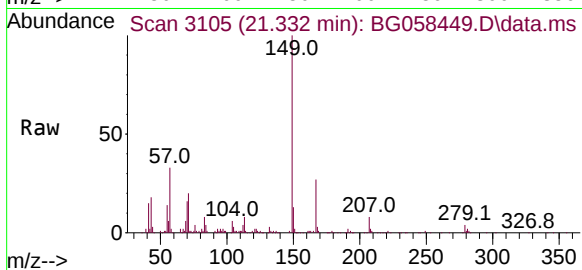
Tgt Ion:149 Resp: 78921

Ion Ratio Lower Upper

149 100

167 26.9 21.6 32.4

279 3.9 3.0 4.4



#87

Chrysene

Concen: 5.164 ng/ul

RT: 21.491 min Scan# 3132

Delta R.T. -0.005 min

Lab File: BG058449.D

Acq: 25 Jul 2023 16:52

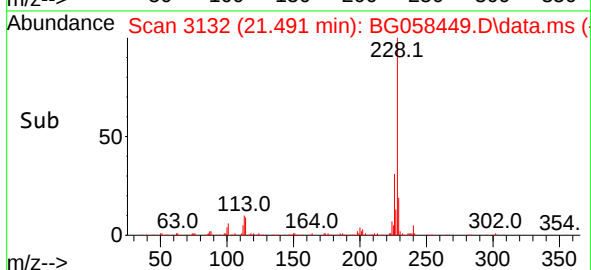
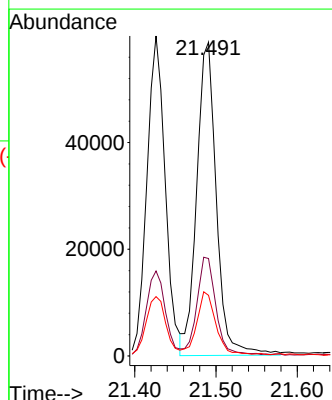
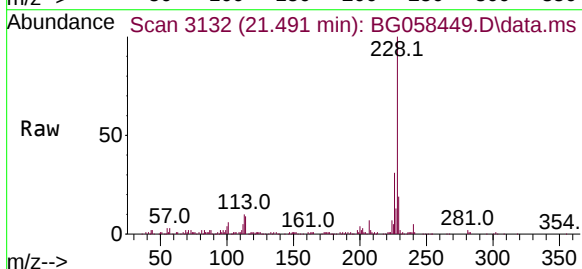
Tgt Ion:228 Resp: 98808

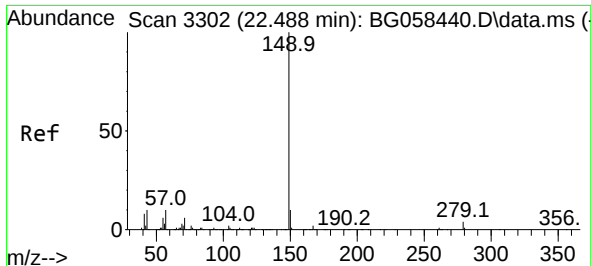
Ion Ratio Lower Upper

228 100

226 31.1 24.0 36.0

229 19.3 15.8 23.8

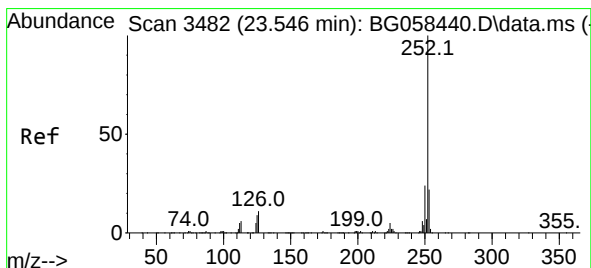
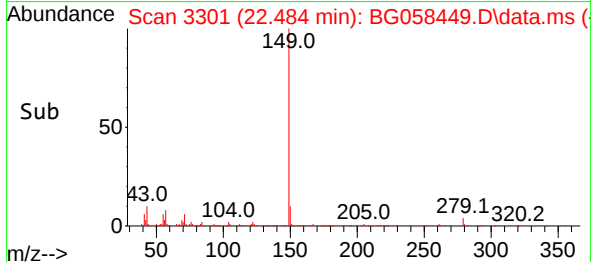
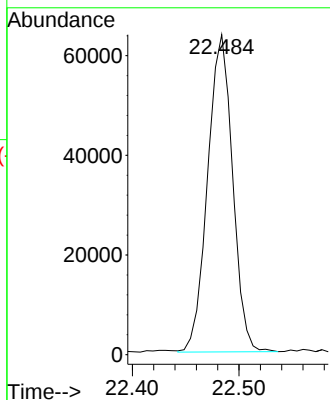
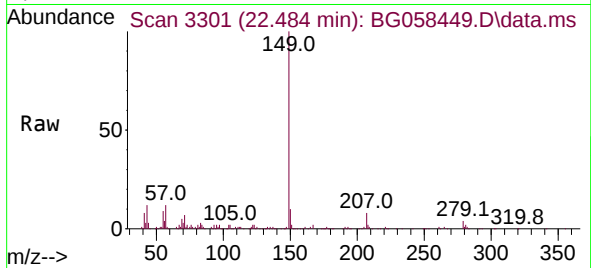




#89  
Di-n-octyl phthalate  
Concen: 5.463 ng/ul  
RT: 22.484 min Scan# 31  
Delta R.T. -0.005 min  
Lab File: BG058449.D  
Acq: 25 Jul 2023 16:52

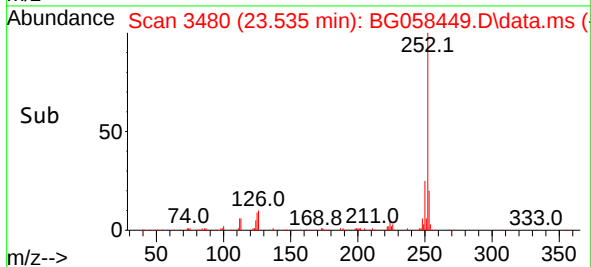
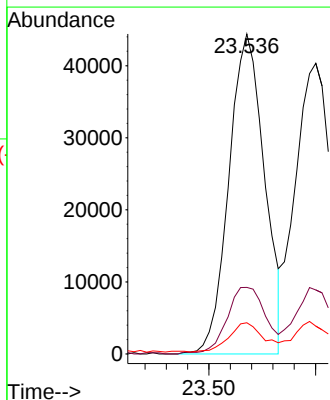
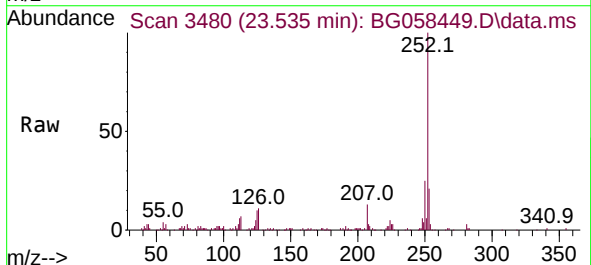
Instrument :  
BNA\_G  
ClientSampleId :

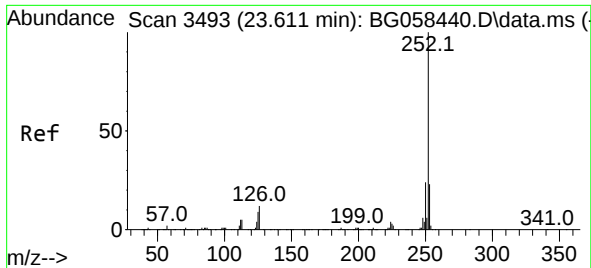
Tgt Ion:149 Resp: 103508



#90  
Benzo(b)fluoranthene  
Concen: 5.001 ng/ul  
RT: 23.535 min Scan# 3480  
Delta R.T. -0.011 min  
Lab File: BG058449.D  
Acq: 25 Jul 2023 16:52

Tgt Ion:252 Resp: 103044  
Ion Ratio Lower Upper  
252 100  
253 20.8 17.9 26.9  
125 9.7 6.7 10.1

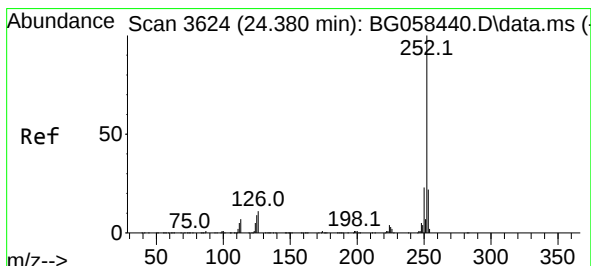
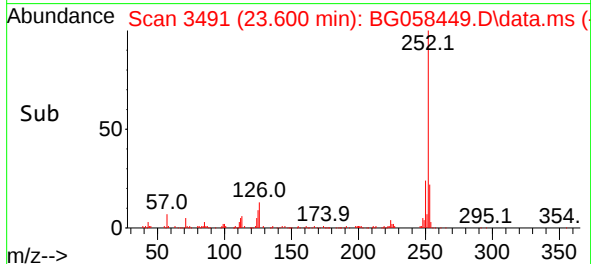
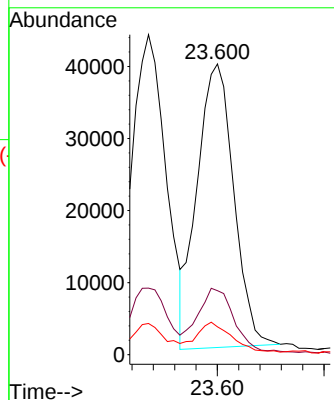
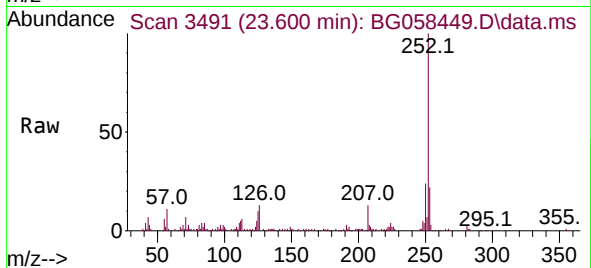




#91  
Benzo(k)fluoranthene  
Concen: 4.573 ng/ul  
RT: 23.600 min Scan# 3493  
Delta R.T. -0.011 min  
Lab File: BG058449.D  
Acq: 25 Jul 2023 16:52

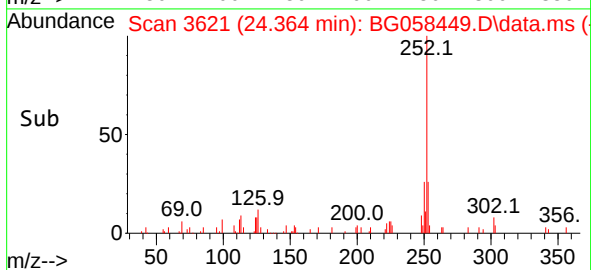
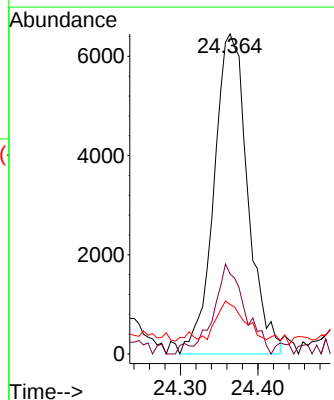
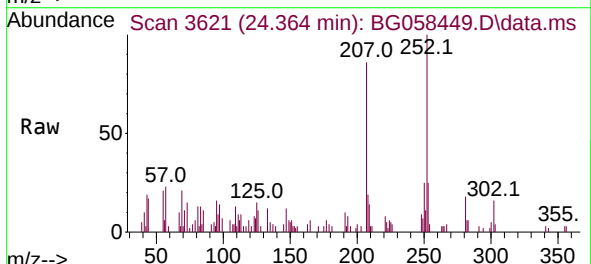
Instrument :  
BNA\_G  
ClientSampleId :

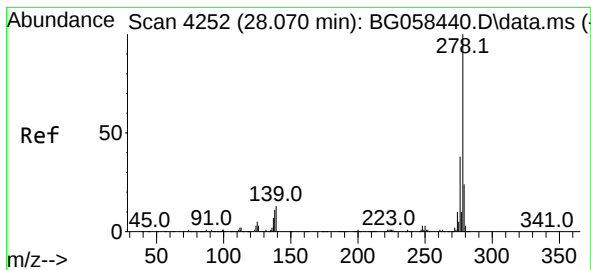
Tgt Ion:252 Resp: 93984  
Ion Ratio Lower Upper  
252 100  
253 22.0 18.3 27.5  
125 9.6 7.4 11.0



#93  
Benzo(a)pyrene  
Concen: 1.068 ng/ul  
RT: 24.364 min Scan# 3621  
Delta R.T. -0.011 min  
Lab File: BG058449.D  
Acq: 25 Jul 2023 16:52

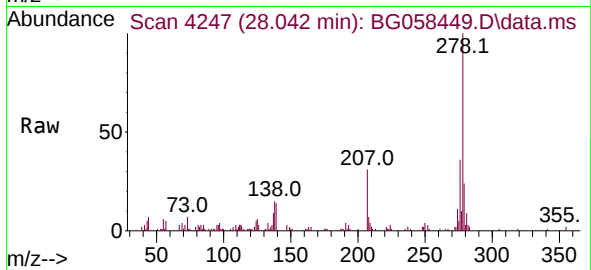
Tgt Ion:252 Resp: 19566  
Ion Ratio Lower Upper  
252 100  
253 25.0 17.4 26.0  
125 15.5 7.7 11.5#





#95  
 Dibenzo(a,h)anthracene  
 Concen: 2.336 ng/ul  
 RT: 28.042 min Scan# 41  
 Delta R.T. -0.029 min  
 Lab File: BG058449.D  
 Acq: 25 Jul 2023 16:52

Instrument :  
 BNA\_G  
 ClientSampleId :



Tgt Ion:278 Resp: 46248  
 Ion Ratio Lower Upper  
 278 100  
 139 13.9 10.4 15.6  
 279 24.0 18.4 27.6

