

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG040624\  
 Data File : BG060808.D  
 Acq On : 6 Apr 2024 12:50  
 Operator : MA/JU  
 Sample : P1995-02MS  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :

Quant Time: Apr 08 02:03:56 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG032924.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Mar 30 03:12:26 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.952  | 152  | 49655    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.749 | 136  | 211340   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.580 | 164  | 168018   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.329 | 188  | 405094   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 21.595 | 240  | 395968   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 24.732 | 264  | 465233   | 20.000  | ng    | -0.02    |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.537  | 112  | 381474   | 127.982 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.118  | 99   | 502465   | 113.565 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.110  | 82   | 370550   | 100.048 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.072 | 330  | 345326   | 181.057 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.211 | 172  | 996710   | 87.062  | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.956 | 244  | 1942417  | 86.378  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.469  | 88   | 47494    | 38.864  | ng    | 99       |
| 3) Pyridine                   | 3.863  | 79   | 114448   | 31.048  | ng    | 98       |
| 4) n-Nitrosodimethylamine     | 3.763  | 42   | 98953    | 44.909  | ng    | 94       |
| 6) Aniline                    | 7.276  | 93   | 101298   | 18.130  | ng    | 99       |
| 8) 2-Chlorophenol             | 7.517  | 128  | 156101   | 46.195  | ng    | 94       |
| 9) Benzaldehyde               | 7.088  | 77   | 12861    | 5.271   | ng    | 86       |
| 10) Phenol                    | 7.141  | 94   | 181513   | 40.198  | ng    | 97       |
| 11) bis(2-Chloroethyl)ether   | 7.376  | 93   | 141884   | 38.919  | ng    | 97       |
| 12) 1,3-Dichlorobenzene       | 7.846  | 146  | 156114   | 44.425  | ng    | 94       |
| 13) 1,4-Dichlorobenzene       | 7.987  | 146  | 163186   | 45.517  | ng    | 97       |
| 14) 1,2-Dichlorobenzene       | 8.305  | 146  | 156115   | 44.434  | ng    | 99       |
| 15) Benzyl Alcohol            | 8.187  | 79   | 159676   | 44.553  | ng    | 97       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.475  | 45   | 335027   | 40.721  | ng    | 99       |
| 17) 2-Methylphenol            | 8.393  | 107  | 138817   | 40.723  | ng    | 98       |
| 18) Hexachloroethane          | 9.033  | 117  | 57787    | 45.383  | ng    | 96       |
| 19) n-Nitroso-di-n-propyla... | 8.757  | 70   | 132546   | 39.283  | ng    | # 96     |
| 20) 3+4-Methylphenols         | 8.716  | 107  | 191598   | 41.046  | ng    | 96       |
| 22) Acetophenone              | 8.769  | 105  | 253029   | 43.420  | ng    | 96       |
| 24) Nitrobenzene              | 9.151  | 77   | 185459   | 45.159  | ng    | 96       |
| 25) Isophorone                | 9.674  | 82   | 358650   | 42.043  | ng    | 99       |
| 26) 2-Nitrophenol             | 9.862  | 139  | 81633    | 54.909  | ng    | 95       |
| 27) 2,4-Dimethylphenol        | 9.920  | 122  | 123488   | 36.036  | ng    | 94       |
| 28) bis(2-Chloroethoxy)met... | 10.161 | 93   | 206908   | 41.083  | ng    | 98       |
| 29) 2,4-Dichlorophenol        | 10.396 | 162  | 164595   | 52.306  | ng    | 96       |
| 30) 1,2,4-Trichlorobenzene    | 10.614 | 180  | 171908   | 48.245  | ng    | 99       |
| 31) Naphthalene               | 10.802 | 128  | 495032   | 43.301  | ng    | 99       |
| 32) Benzoic acid              | 10.009 | 122  | 44214    | 23.467  | ng    | 98       |
| 33) 4-Chloroaniline           | 10.902 | 127  | 31312    | 5.897   | ng    | 98       |
| 34) Hexachlorobutadiene       | 11.095 | 225  | 114249   | 48.110  | ng    | 96       |
| 35) Caprolactam               | 11.671 | 113  | 40271    | 32.312  | ng    | 95       |
| 36) 4-Chloro-3-methylphenol   | 12.030 | 107  | 194544   | 48.396  | ng    | 100      |
| 37) 2-Methylnaphthalene       | 12.406 | 142  | 361230   | 42.978  | ng    | 99       |
| 38) 1-Methylnaphthalene       | 12.623 | 142  | 346312   | 43.616  | ng    | 97       |
| 40) 1,2,4,5-Tetrachloroben... | 12.776 | 216  | 233409   | 48.321  | ng    | 98       |
| 41) Hexachlorocyclopentadiene | 12.758 | 237  | 208078   | 84.718  | ng    | 97       |
| 43) 2,4,6-Trichlorophenol     | 13.011 | 196  | 167747   | 53.933  | ng    | 99       |

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 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

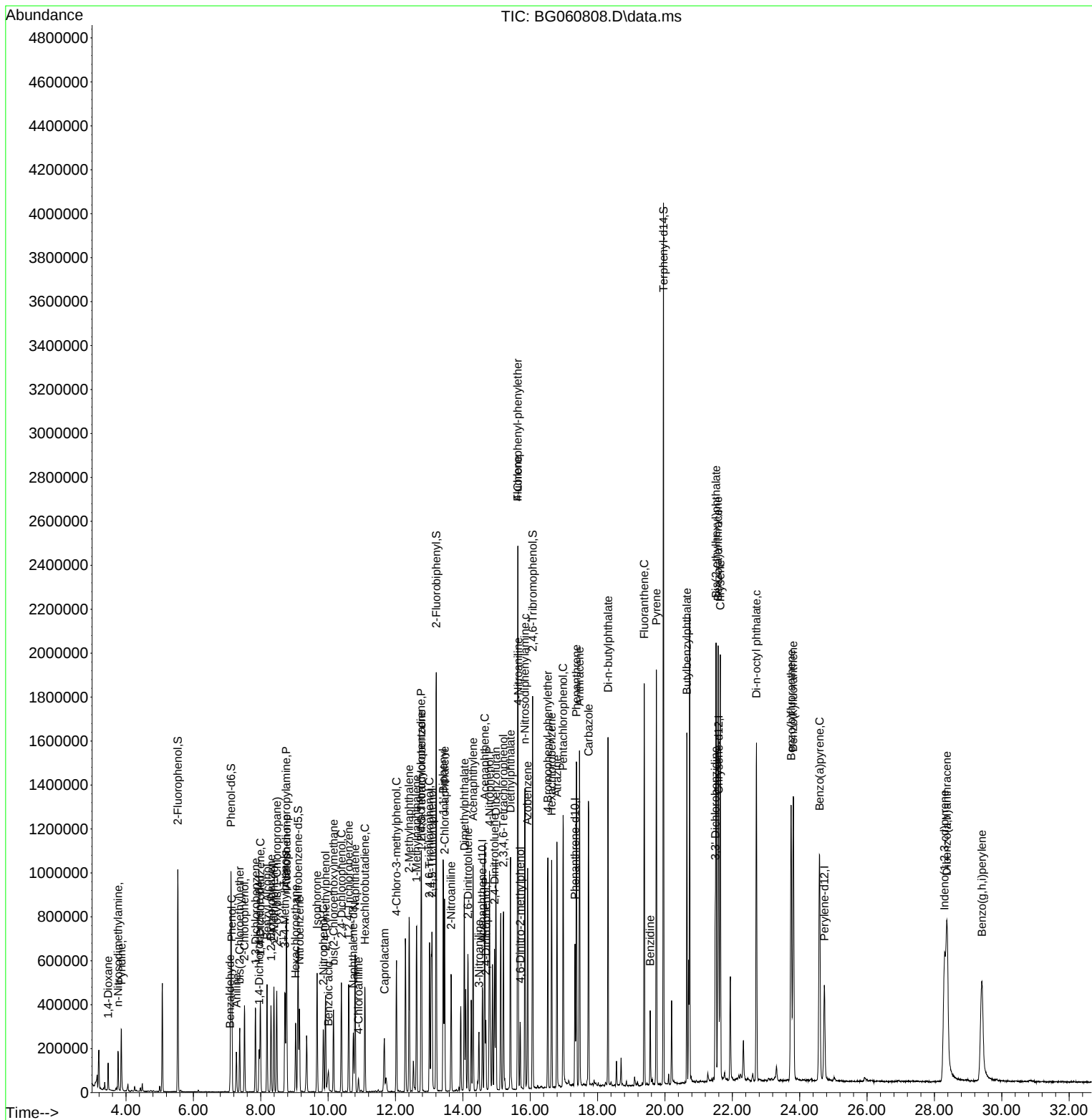
Instrument :  
 BNA\_G  
 ClientSampleId :

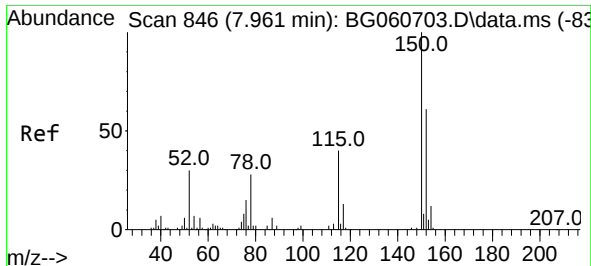
Quant Time: Apr 08 02:03:56 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG032924.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Mar 30 03:12:26 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 13.087 | 196  | 187900   | 50.622  | ng    | 97       |
| 46) 1,1'-Biphenyl             | 13.416 | 154  | 535681   | 45.138  | ng    | 99       |
| 47) 2-Chloronaphthalene       | 13.457 | 162  | 422121   | 46.815  | ng    | 99       |
| 48) 2-Nitroaniline            | 13.651 | 65   | 164082   | 54.799  | ng    | 97       |
| 49) Acenaphthylene            | 14.303 | 152  | 725092   | 47.860  | ng    | 99       |
| 50) Dimethylphthalate         | 14.045 | 163  | 589529   | 44.391  | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 14.157 | 165  | 124553   | 52.063  | ng    | 91       |
| 52) Acenaphthene              | 14.650 | 154  | 442023   | 46.468  | ng    | 99       |
| 53) 3-Nitroaniline            | 14.480 | 138  | 60594    | 24.701  | ng    | 99       |
| 54) 2,4-Dinitrophenol         | 14.685 | 184  | 65798    | 71.180  | ng    | 90       |
| 55) Dibenzofuran              | 14.985 | 168  | 689361   | 45.944  | ng    | 100      |
| 56) 4-Nitrophenol             | 14.791 | 139  | 196144   | 101.031 | ng    | 95       |
| 57) 2,4-Dinitrotoluene        | 14.938 | 165  | 179714   | 56.932  | ng    | 95       |
| 58) Fluorene                  | 15.631 | 166  | 555889   | 46.162  | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.208 | 232  | 178355   | 55.137  | ng    | 98       |
| 60) Diethylphthalate          | 15.414 | 149  | 585979   | 43.858  | ng    | 100      |
| 61) 4-Chlorophenyl-phenyle... | 15.631 | 204  | 298585   | 46.868  | ng    | 92       |
| 62) 4-Nitroaniline            | 15.643 | 138  | 130320   | 53.673  | ng    | 97       |
| 63) Azobenzene                | 15.919 | 77   | 568898   | 43.695  | ng    | 98       |
| 65) 4,6-Dinitro-2-methylph... | 15.708 | 198  | 65903    | 40.678  | ng    | 94       |
| 66) n-Nitrosodiphenylamine    | 15.843 | 169  | 526046   | 45.442  | ng    | 97       |
| 67) 4-Bromophenyl-phenylether | 16.524 | 248  | 206008   | 50.109  | ng    | 99       |
| 68) Hexachlorobenzene         | 16.636 | 284  | 236316   | 50.919  | ng    | 97       |
| 69) Atrazine                  | 16.795 | 200  | 202587   | 50.045  | ng    | 99       |
| 70) Pentachlorophenol         | 16.977 | 266  | 262312   | 86.622  | ng    | 98       |
| 71) Phenanthrene              | 17.370 | 178  | 955742   | 45.364  | ng    | 99       |
| 72) Anthracene                | 17.464 | 178  | 979474   | 45.778  | ng    | 99       |
| 73) Carbazole                 | 17.729 | 167  | 868528   | 46.040  | ng    | 99       |
| 74) Di-n-butylphthalate       | 18.311 | 149  | 1033500  | 43.944  | ng    | 99       |
| 75) Fluoranthene              | 19.386 | 202  | 1195097  | 46.747  | ng    | 97       |
| 77) Benzidine                 | 19.562 | 184  | 210338   | 20.173  | ng    | 97       |
| 78) Pyrene                    | 19.744 | 202  | 1247057  | 45.031  | ng    | 99       |
| 80) Butylbenzylphthalate      | 20.655 | 149  | 485551   | 48.064  | ng    | 94       |
| 81) Benzo(a)anthracene        | 21.577 | 228  | 1302285  | 46.658  | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 21.495 | 252  | 257598   | 27.333  | ng    | 99       |
| 83) Chrysene                  | 21.642 | 228  | 1239278  | 46.065  | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 21.519 | 149  | 728499   | 45.244  | ng    | 98       |
| 85) Di-n-octyl phthalate      | 22.717 | 149  | 1256909  | 47.917  | ng    | 100      |
| 87) Indeno(1,2,3-cd)pyrene    | 28.299 | 276  | 1602819  | 48.923  | ng    | # 95     |
| 88) Benzo(b)fluoranthene      | 23.745 | 252  | 1318333  | 49.325  | ng    | 98       |
| 89) Benzo(k)fluoranthene      | 23.810 | 252  | 1284684  | 46.961  | ng    | 99       |
| 90) Benzo(a)pyrene            | 24.591 | 252  | 1211640  | 46.648  | ng    | 98       |
| 91) Dibenzo(a,h)anthracene    | 28.369 | 278  | 1311916  | 47.503  | ng    | 96       |
| 92) Benzo(g,h,i)perylene      | 29.409 | 276  | 1208395  | 44.980  | ng    | 98       |

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

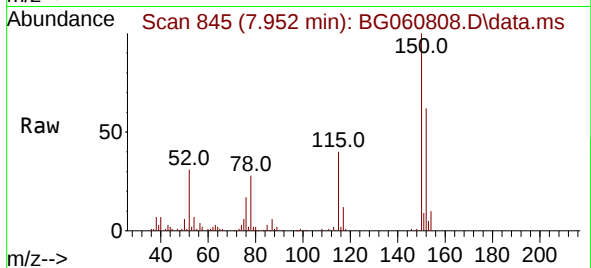
Quant Time: Apr 08 02:03:56 2024  
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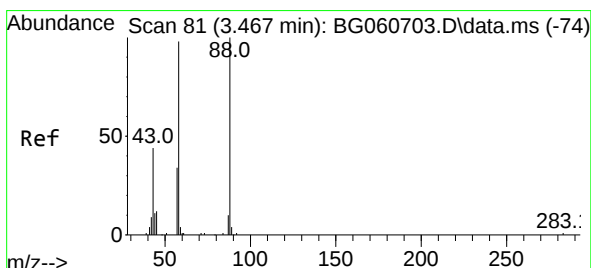
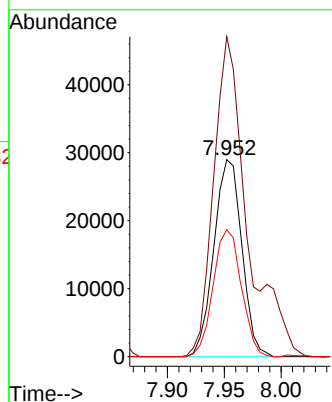
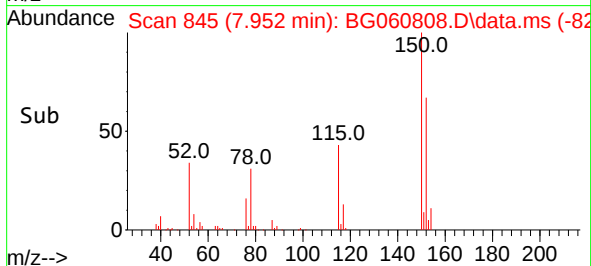


#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 7.952 min Scan# 84  
 Delta R.T. -0.009 min  
 Lab File: BG060808.D  
 Acq: 6 Apr 2024 12:50

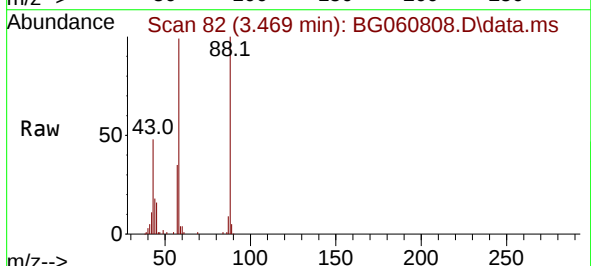
Instrument :  
 BNA\_G  
 ClientSampleId :



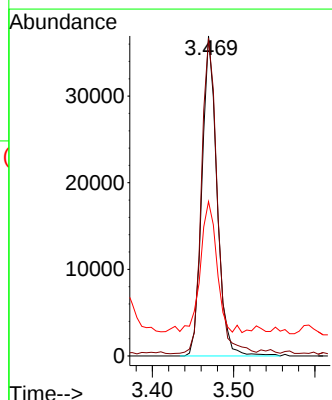
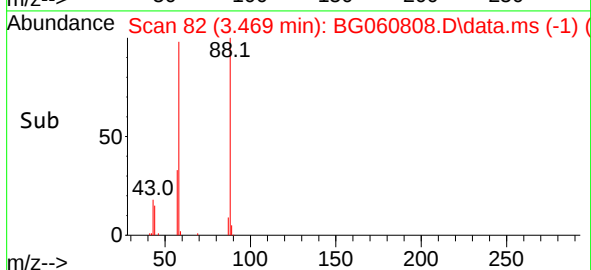
Tgt Ion:152 Resp: 49655  
 Ion Ratio Lower Upper  
 152 100  
 150 162.3 130.2 195.4  
 115 64.4 51.6 77.4

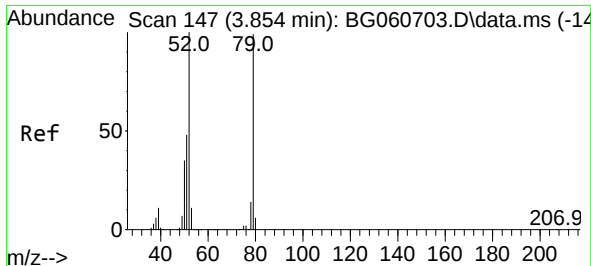


#2  
 1,4-Dioxane  
 Concen: 38.864 ng  
 RT: 3.469 min Scan# 82  
 Delta R.T. 0.002 min  
 Lab File: BG060808.D  
 Acq: 6 Apr 2024 12:50



Tgt Ion: 88 Resp: 47494  
 Ion Ratio Lower Upper  
 88 100  
 58 101.7 80.9 121.3  
 43 43.2 35.4 53.0





#3

Pyridine

Concen: 31.048 ng

RT: 3.863 min Scan# 147

Delta R.T. 0.008 min

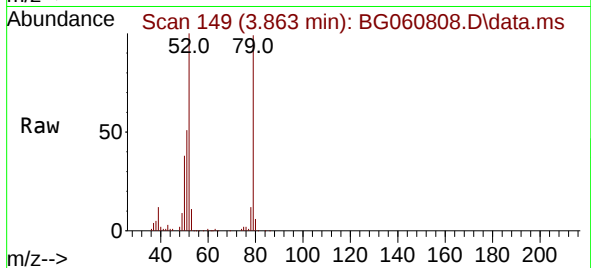
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Acq: 6 Apr 2024 12:50

Instrument :

BNA\_G

ClientSampleId :



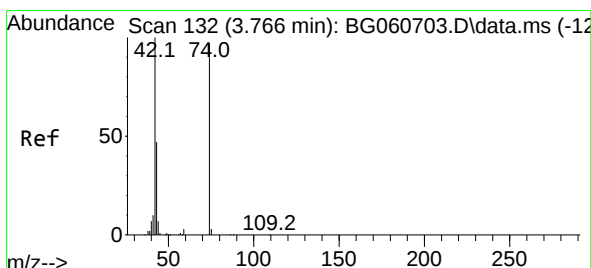
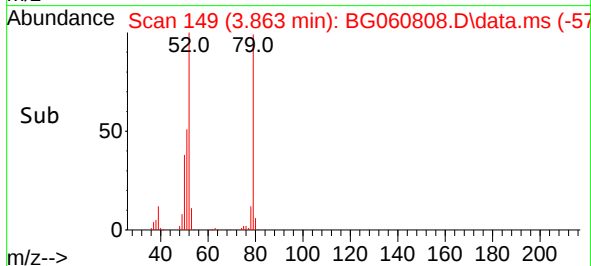
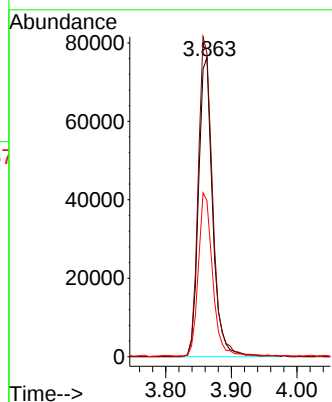
Tgt Ion: 79 Resp: 114448

Ion Ratio Lower Upper

79 100

52 101.5 80.6 120.8

51 52.2 39.1 58.7



#4

n-Nitrosodimethylamine

Concen: 44.909 ng

RT: 3.763 min Scan# 132

Delta R.T. -0.003 min

Lab File: BG060808.D

Acq: 6 Apr 2024 12:50

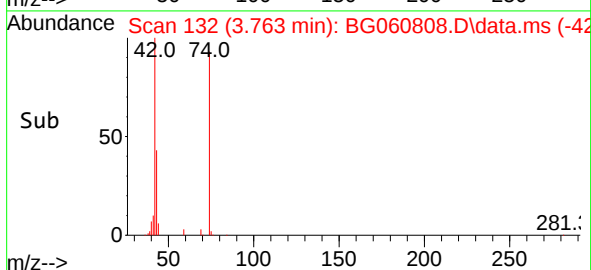
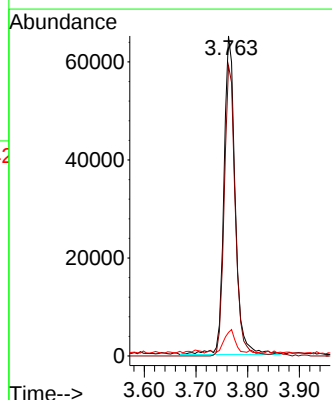
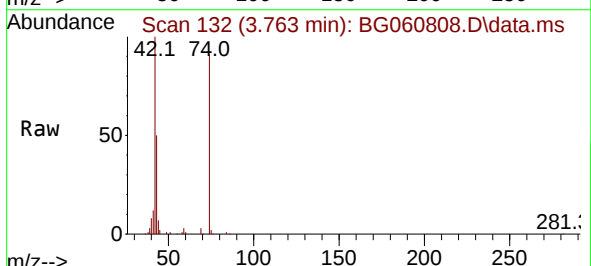
Tgt Ion: 42 Resp: 98953

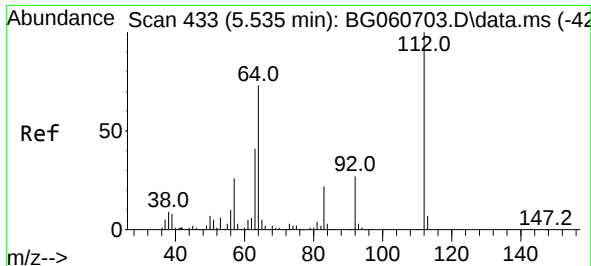
Ion Ratio Lower Upper

42 100

74 90.7 77.8 116.8

44 7.4 6.8 10.2

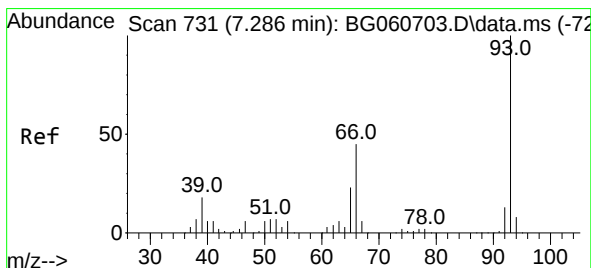
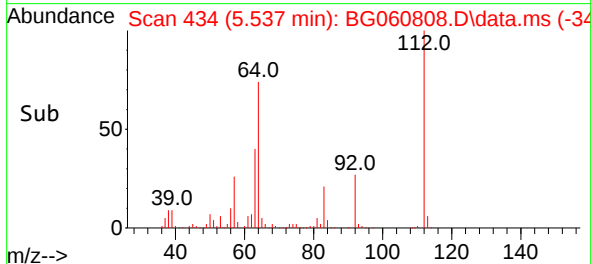
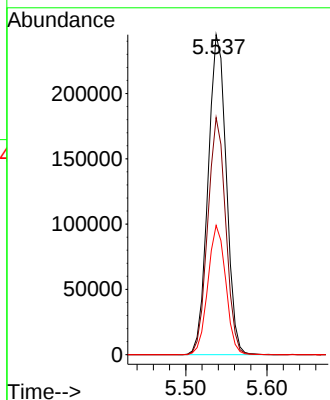
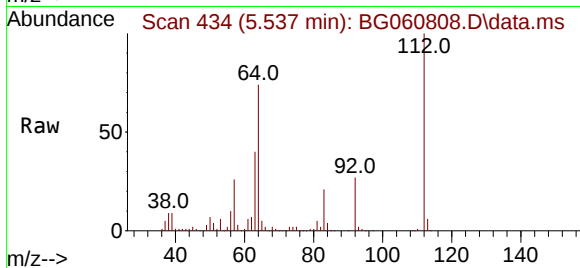




#5  
2-Fluorophenol  
Concen: 127.982 ng  
RT: 5.537 min Scan# 41  
Delta R.T. 0.002 min  
Lab File: BG060808.D  
Acq: 6 Apr 2024 12:50

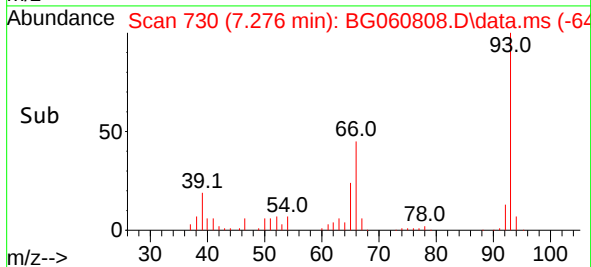
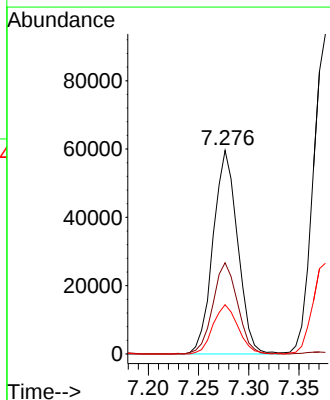
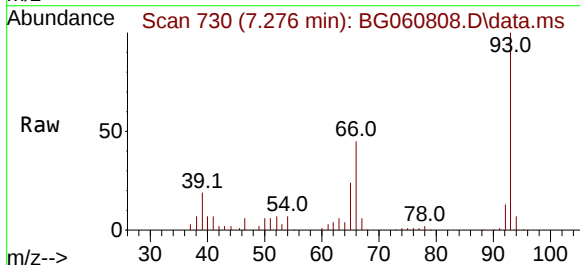
Instrument :  
BNA\_G  
ClientSampleId :

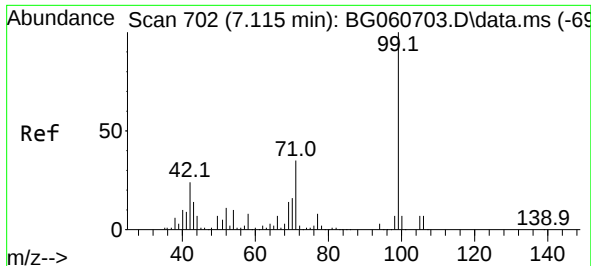
Tgt Ion:112 Resp: 381474  
Ion Ratio Lower Upper  
112 100  
64 74.1 58.4 87.6  
63 40.4 32.7 49.1



#6  
Aniline  
Concen: 18.130 ng  
RT: 7.276 min Scan# 730  
Delta R.T. -0.009 min  
Lab File: BG060808.D  
Acq: 6 Apr 2024 12:50

Tgt Ion: 93 Resp: 101298  
Ion Ratio Lower Upper  
93 100  
66 44.8 36.1 54.1  
65 24.2 18.1 27.1





#7

Phenol-d6

Concen: 113.565 ng

RT: 7.118 min Scan# 702

Delta R.T. 0.002 min

Lab File: BG060808.D

Acq: 6 Apr 2024 12:50

Instrument :

BNA\_G

ClientSampleId :

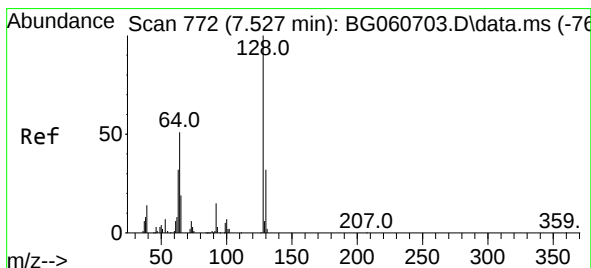
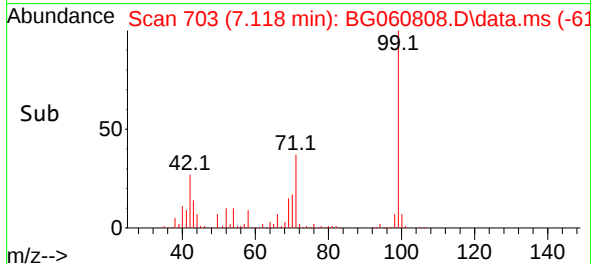
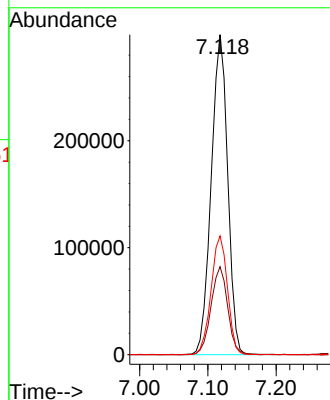
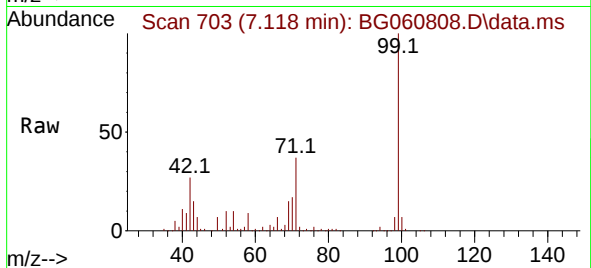
Tgt Ion: 99 Resp: 502465

Ion Ratio Lower Upper

99 100

42 27.5 19.4 29.2

71 37.1 28.2 42.2



#8

2-Chlorophenol

Concen: 46.195 ng

RT: 7.517 min Scan# 771

Delta R.T. -0.009 min

Lab File: BG060808.D

Acq: 6 Apr 2024 12:50

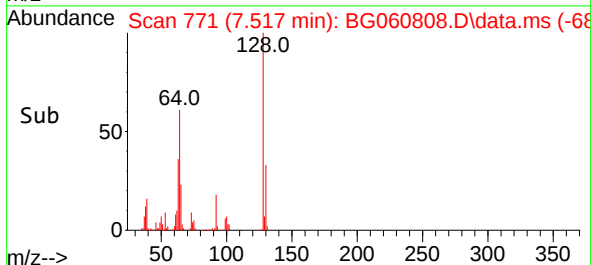
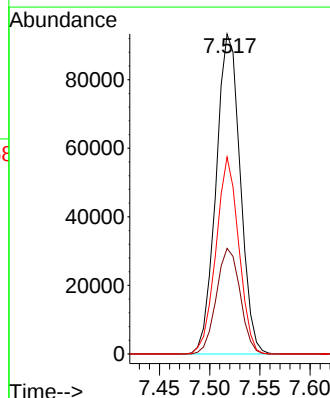
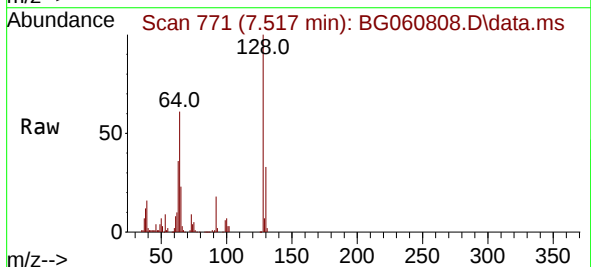
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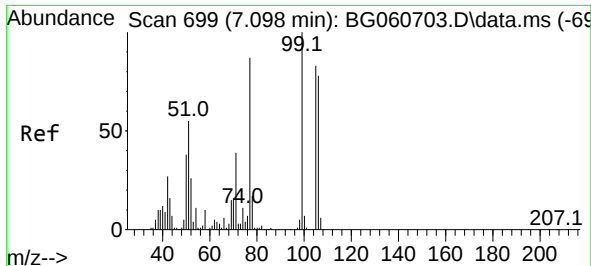
Ion Ratio Lower Upper

128 100

130 33.0 12.3 52.3

64 61.5 35.0 75.0

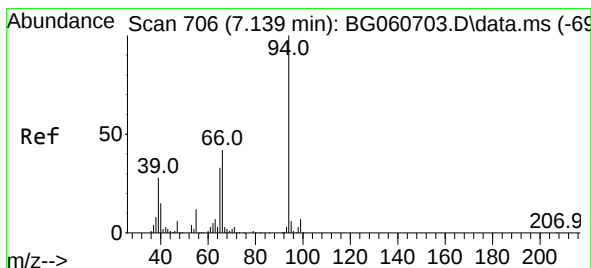
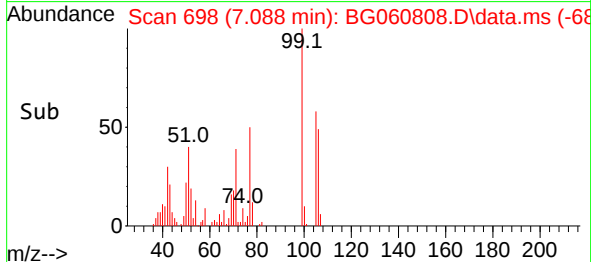
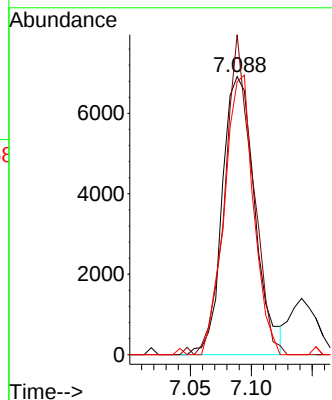
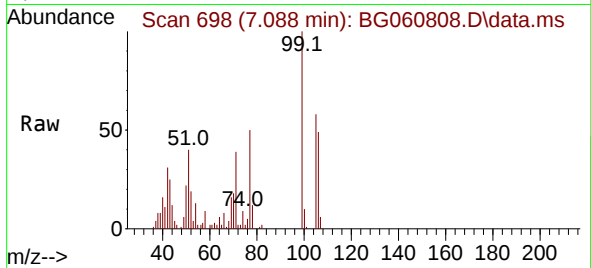




#9  
Benzaldehyde  
Concen: 5.271 ng  
RT: 7.088 min Scan# 699  
Delta R.T. -0.010 min  
Lab File: BG060808.D  
Acq: 6 Apr 2024 12:50

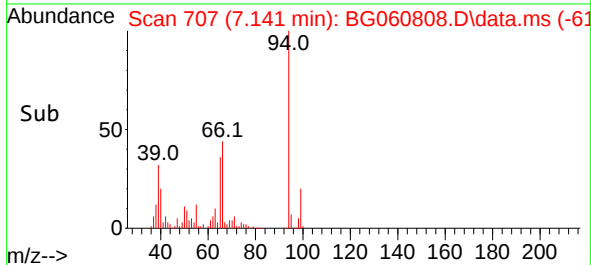
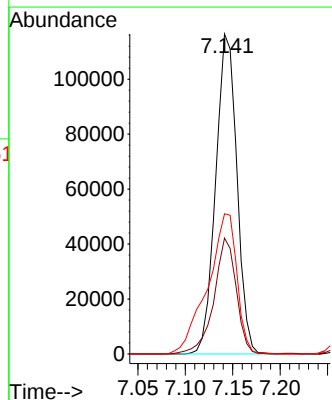
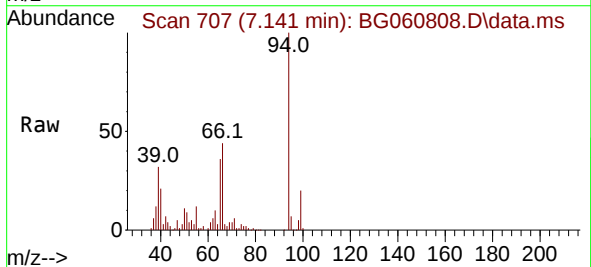
Instrument :  
BNA\_G  
ClientSampleId :

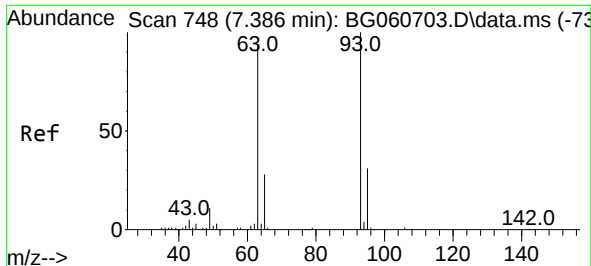
Tgt Ion: 77 Resp: 12861  
Ion Ratio Lower Upper  
77 100  
105 115.1 76.0 116.0  
106 98.1 70.3 110.3



#10  
Phenol  
Concen: 40.198 ng  
RT: 7.141 min Scan# 707  
Delta R.T. 0.002 min  
Lab File: BG060808.D  
Acq: 6 Apr 2024 12:50

Tgt Ion: 94 Resp: 181513  
Ion Ratio Lower Upper  
94 100  
65 36.2 13.3 53.3  
66 43.8 22.9 62.9

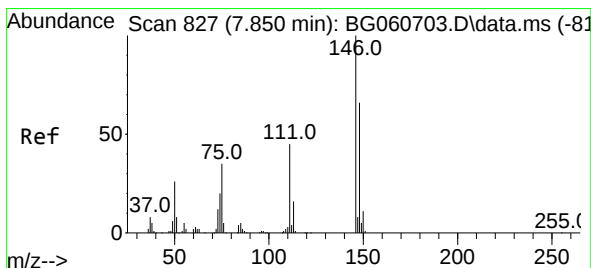
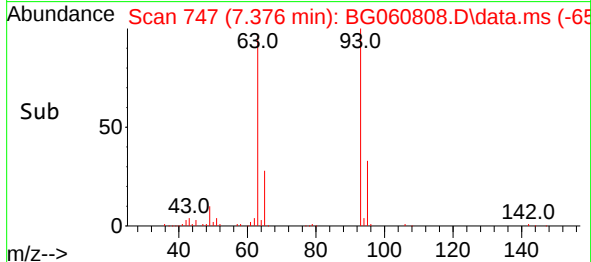
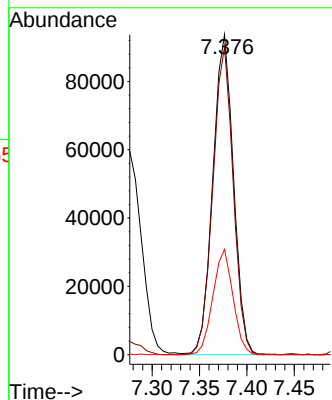
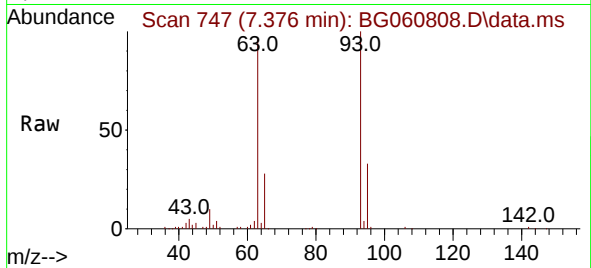




#11  
bis(2-Chloroethyl)ether  
Concen: 38.919 ng  
RT: 7.376 min Scan# 748  
Delta R.T. -0.009 min  
Lab File: BG060808.D  
Acq: 6 Apr 2024 12:50

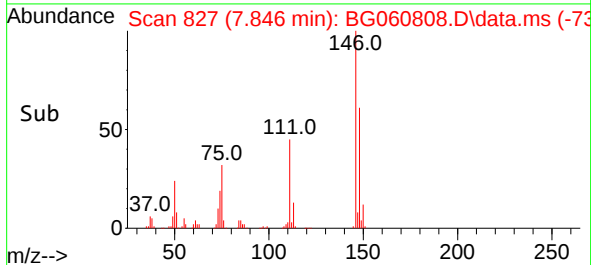
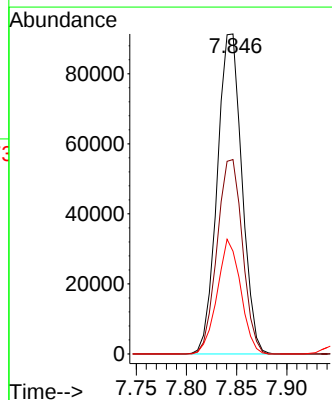
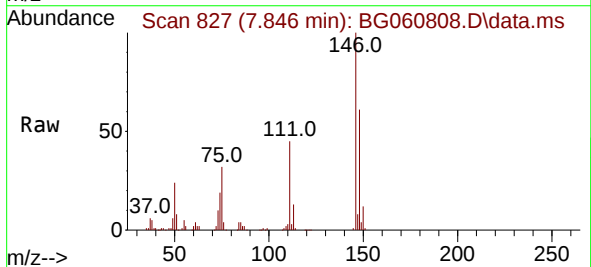
Instrument :  
BNA\_G  
ClientSampleId :

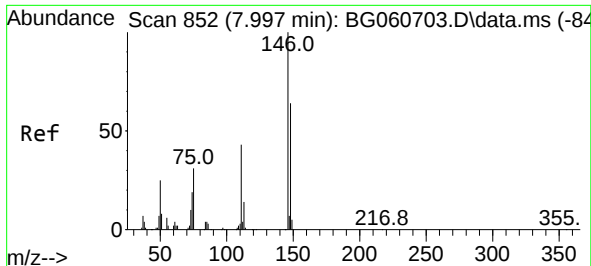
Tgt Ion: 93 Resp: 141884  
Ion Ratio Lower Upper  
93 100  
63 96.2 73.7 113.7  
95 32.9 11.2 51.2



#12  
1,3-Dichlorobenzene  
Concen: 44.425 ng  
RT: 7.846 min Scan# 827  
Delta R.T. -0.003 min  
Lab File: BG060808.D  
Acq: 6 Apr 2024 12:50

Tgt Ion:146 Resp: 156114  
Ion Ratio Lower Upper  
146 100  
148 60.8 53.0 79.4  
75 32.1 28.1 42.1





#13

1,4-Dichlorobenzene

Concen: 45.517 ng

RT: 7.987 min Scan# 81

Delta R.T. -0.009 min

Lab File: BG060808.D

Acq: 6 Apr 2024 12:50

Instrument :

BNA\_G

ClientSampleId :

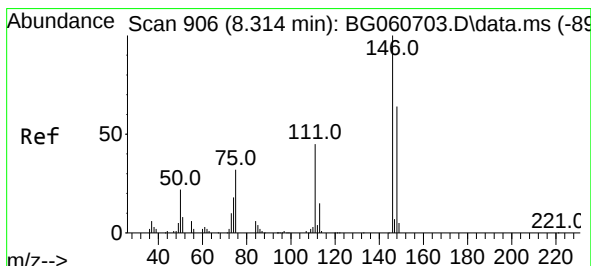
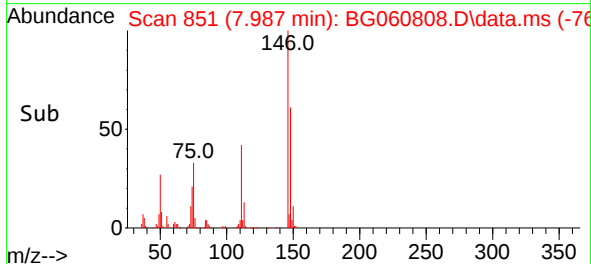
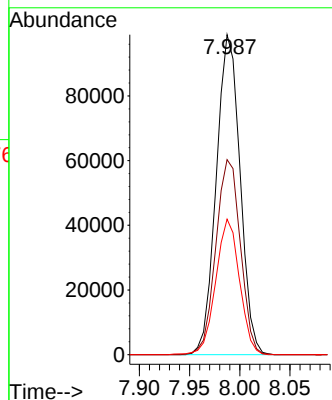
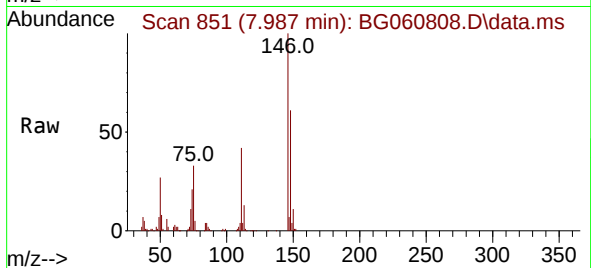
Tgt Ion:146 Resp: 163186

Ion Ratio Lower Upper

146 100

148 61.0 51.1 76.7

111 42.4 35.0 52.6



#14

1,2-Dichlorobenzene

Concen: 44.434 ng

RT: 8.305 min Scan# 905

Delta R.T. -0.009 min

Lab File: BG060808.D

Acq: 6 Apr 2024 12:50

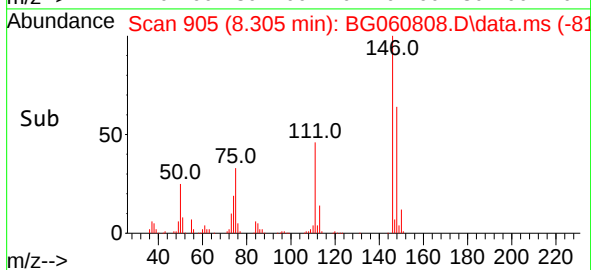
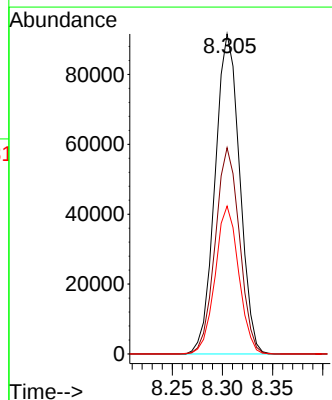
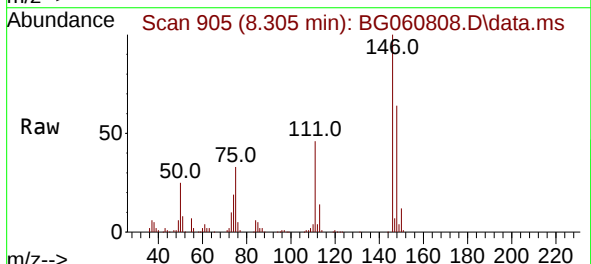
Tgt Ion:146 Resp: 156115

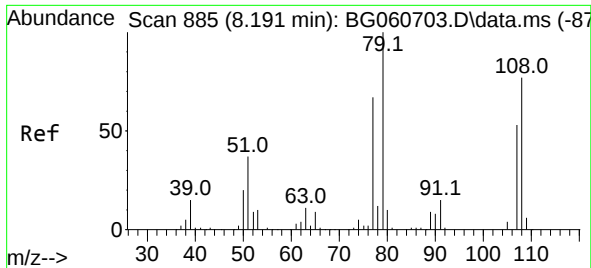
Ion Ratio Lower Upper

146 100

148 64.5 51.0 76.6

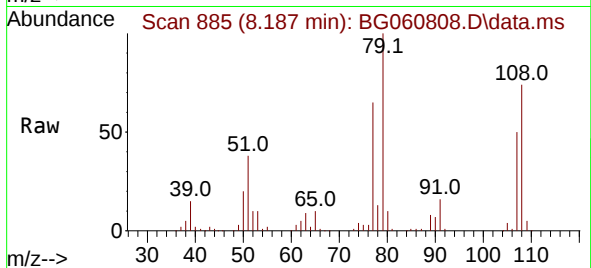
111 46.2 36.0 54.0



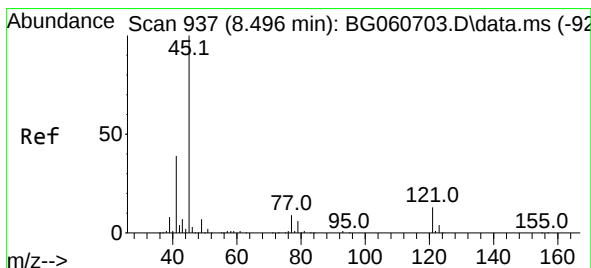
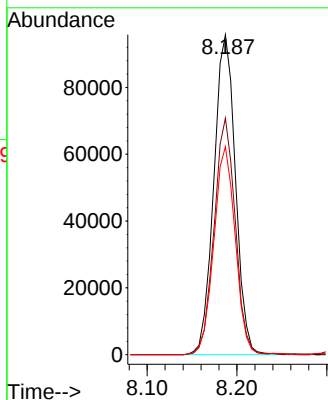
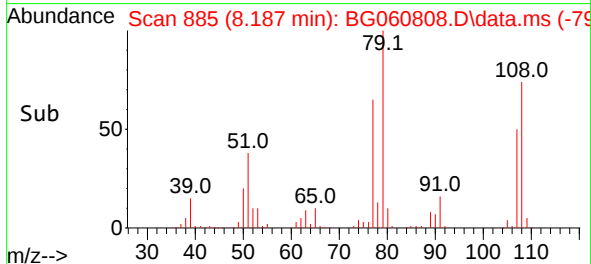


#15  
Benzyl Alcohol  
Concen: 44.553 ng  
RT: 8.187 min Scan# 885  
Delta R.T. -0.003 min  
Lab File: BG060808.D  
Acq: 6 Apr 2024 12:50

Instrument :  
BNA\_G  
ClientSampleId :

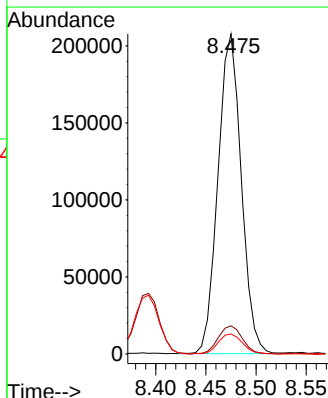
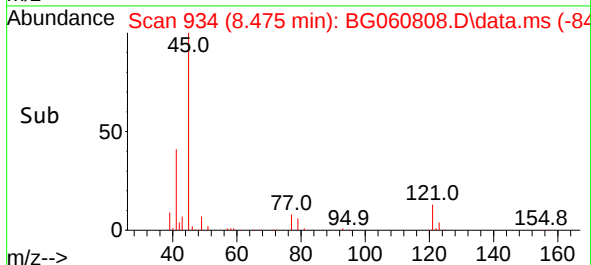
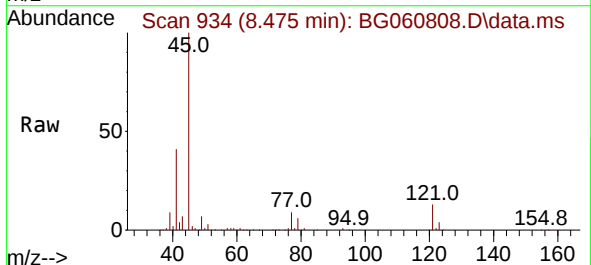


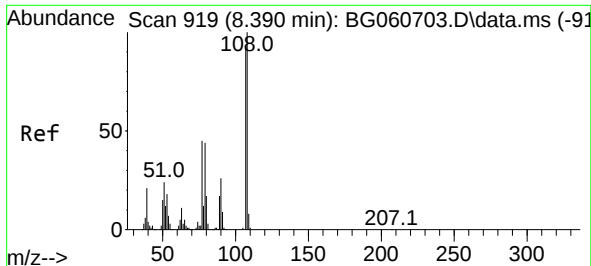
Tgt Ion: 79 Resp: 159676  
Ion Ratio Lower Upper  
79 100  
108 73.9 61.4 92.0  
77 65.0 53.6 80.4



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 40.721 ng  
RT: 8.475 min Scan# 934  
Delta R.T. -0.021 min  
Lab File: BG060808.D  
Acq: 6 Apr 2024 12:50

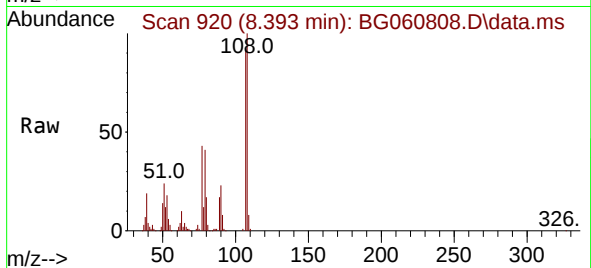
Tgt Ion: 45 Resp: 335027  
Ion Ratio Lower Upper  
45 100  
77 8.8 0.0 29.1  
79 6.2 0.0 26.5



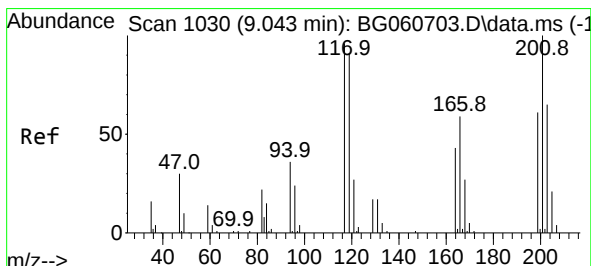
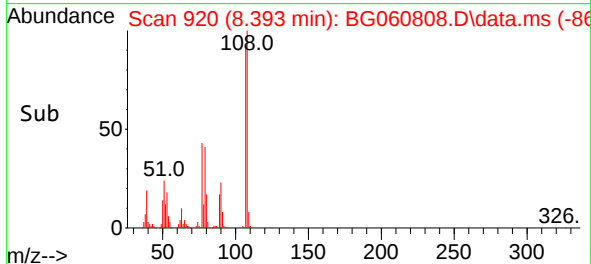
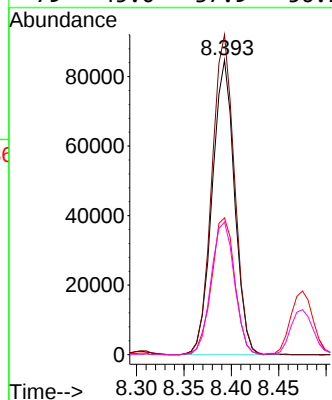


#17  
2-Methylphenol  
Concen: 40.723 ng  
RT: 8.393 min Scan# 919  
Delta R.T. 0.002 min  
Lab File: BG060808.D  
Acq: 6 Apr 2024 12:50

Instrument :  
BNA\_G  
ClientSampleId :

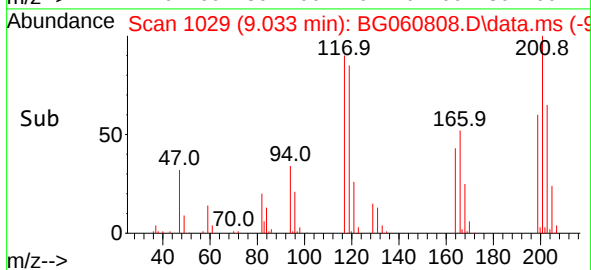
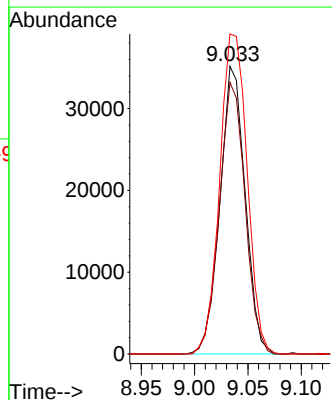
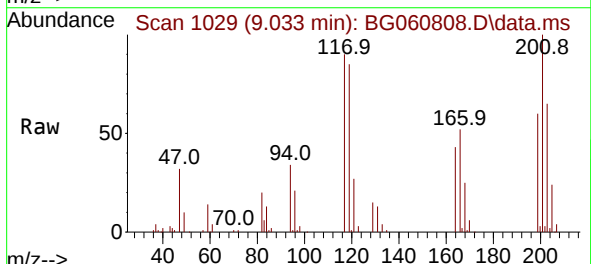


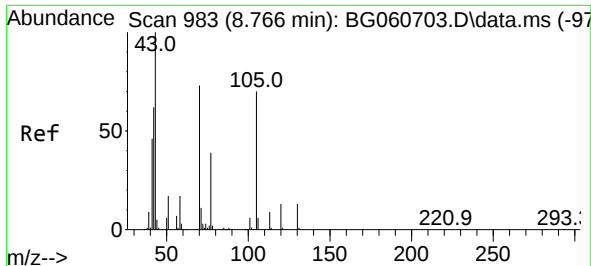
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 107   | Resp: | 138817 |
| Ion Ratio | Lower | Upper |        |
| 107       | 100   |       |        |
| 108       | 108.6 | 86.4  | 129.6  |
| 77        | 46.4  | 38.6  | 58.0   |
| 79        | 45.0  | 37.9  | 56.9   |



#18  
Hexachloroethane  
Concen: 45.383 ng  
RT: 9.033 min Scan# 1029  
Delta R.T. -0.009 min  
Lab File: BG060808.D  
Acq: 6 Apr 2024 12:50

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 117   | Resp: | 57787 |
| Ion Ratio | Lower | Upper |       |
| 117       | 100   |       |       |
| 119       | 94.4  | 75.7  | 113.5 |
| 201       | 111.3 | 83.4  | 125.2 |

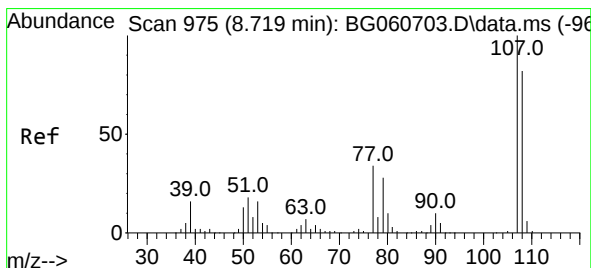
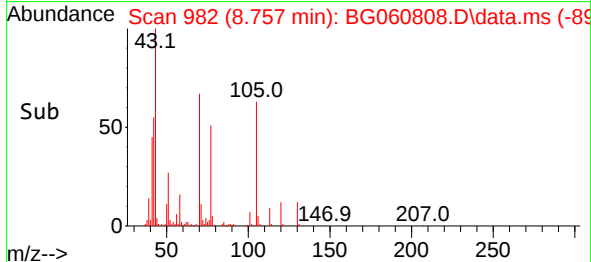
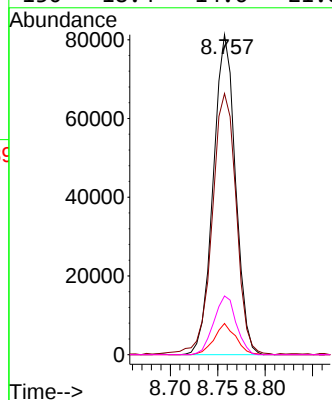
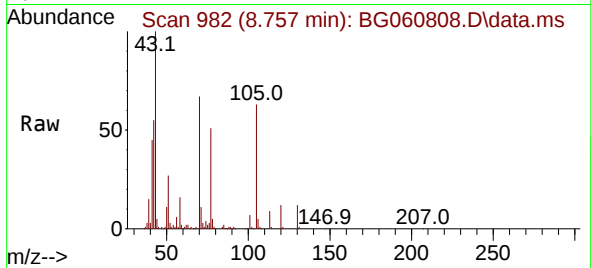




#19  
n-Nitroso-di-n-propylamine  
Concen: 39.283 ng  
RT: 8.757 min Scan# 91  
Delta R.T. -0.009 min  
Lab File: BG060808.D  
Acq: 6 Apr 2024 12:50

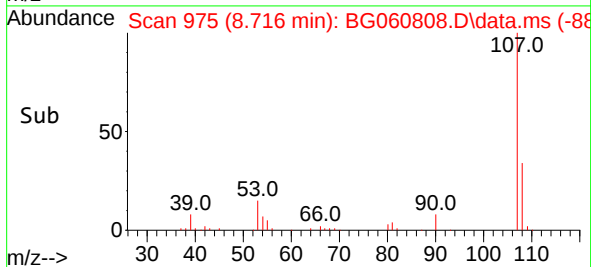
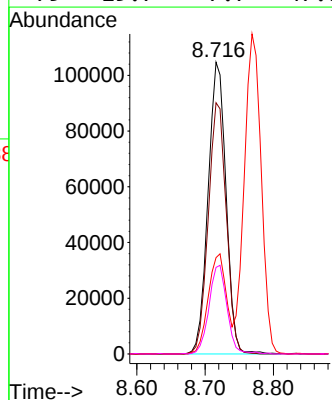
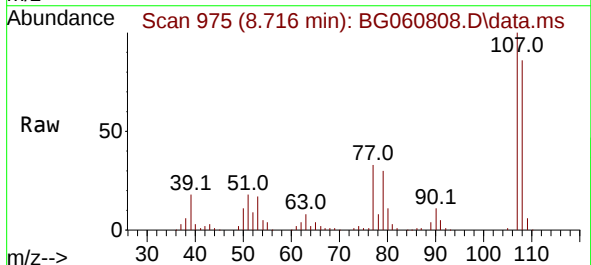
Instrument :  
BNA\_G  
ClientSampleId :

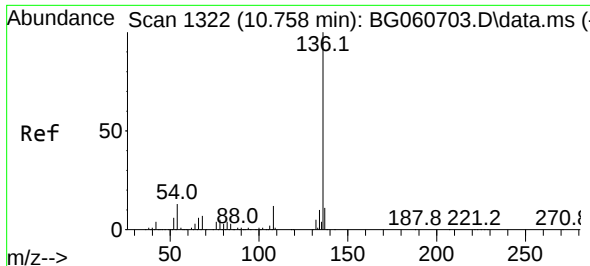
Tgt Ion: 70 Resp: 132546  
Ion Ratio Lower Upper  
70 100  
42 81.6 68.4 102.6  
101 9.7 6.1 9.1#  
130 18.4 14.6 21.8



#20  
3+4-Methylphenols  
Concen: 41.046 ng  
RT: 8.716 min Scan# 975  
Delta R.T. -0.003 min  
Lab File: BG060808.D  
Acq: 6 Apr 2024 12:50

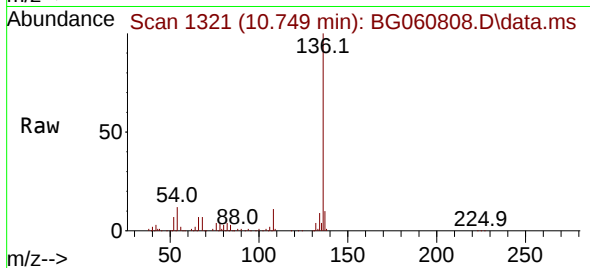
Tgt Ion: 107 Resp: 191598  
Ion Ratio Lower Upper  
107 100  
108 86.1 62.2 102.2  
77 33.0 14.1 54.1  
79 29.7 7.7 47.7



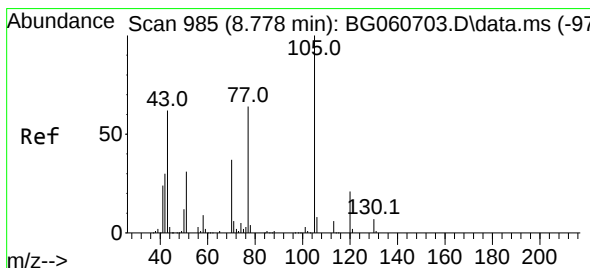
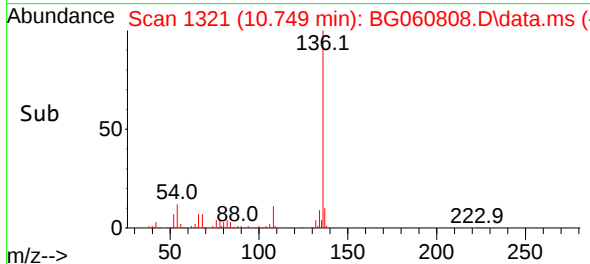
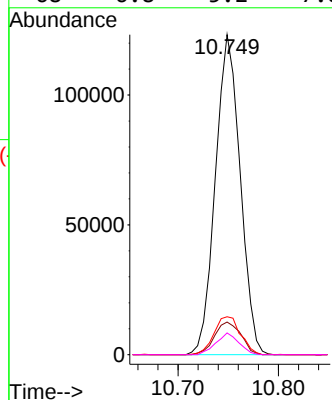


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.749 min Scan# 11  
Delta R.T. -0.009 min  
Lab File: BG060808.D  
Acq: 6 Apr 2024 12:50

Instrument :  
BNA\_G  
ClientSampleId :

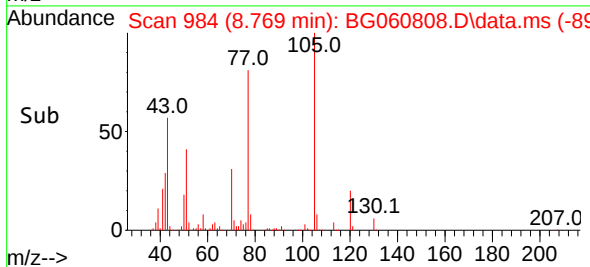
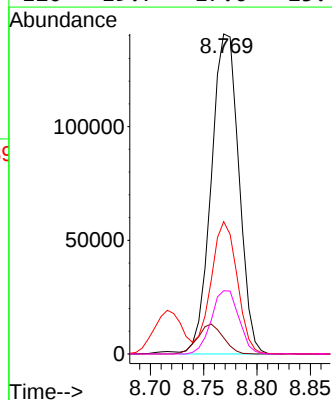
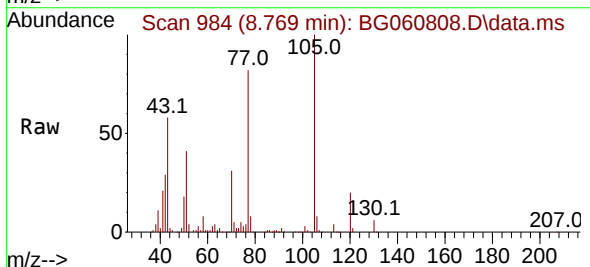


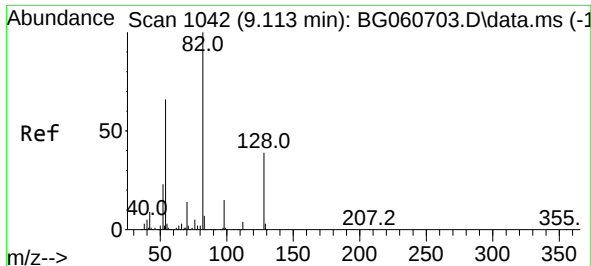
Tgt Ion:136 Resp: 211340  
Ion Ratio Lower Upper  
136 100  
137 10.2 8.8 13.2  
54 11.9 10.2 15.2  
68 6.8 5.2 7.8



#22  
Acetophenone  
Concen: 43.420 ng  
RT: 8.769 min Scan# 984  
Delta R.T. -0.009 min  
Lab File: BG060808.D  
Acq: 6 Apr 2024 12:50

Tgt Ion:105 Resp: 253029  
Ion Ratio Lower Upper  
105 100  
71 5.1 4.9 7.3  
51 41.4 31.1 46.7  
120 19.7 17.0 25.4





#23

Nitrobenzene-d5

Concen: 100.048 ng

RT: 9.110 min Scan# 1042

Delta R.T. -0.003 min

Lab File: BG060808.D

Acq: 6 Apr 2024 12:50

Instrument :

BNA\_G

ClientSampleId :

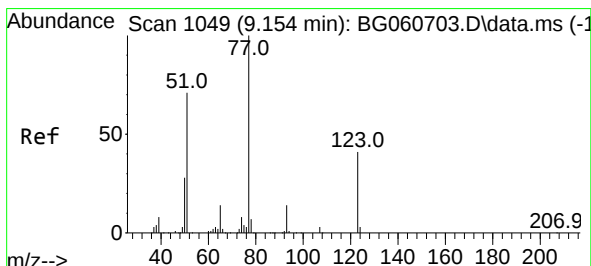
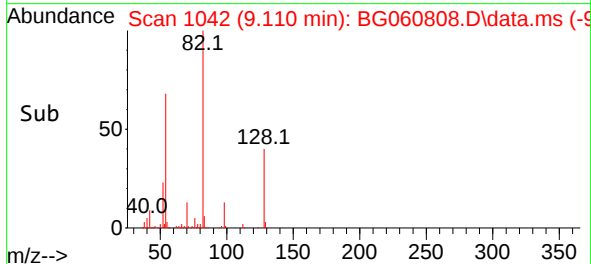
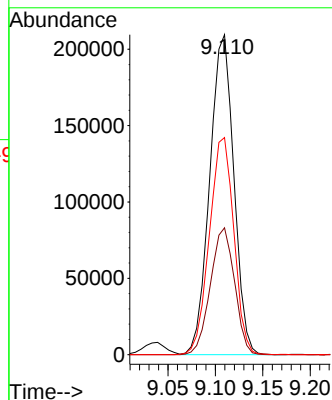
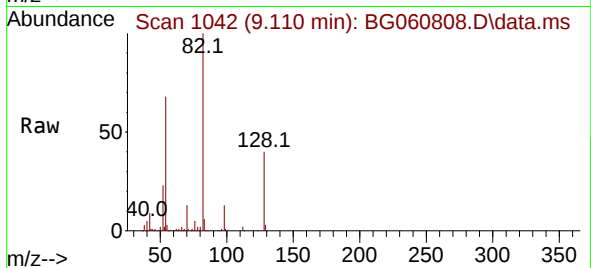
Tgt Ion: 82 Resp: 370550

Ion Ratio Lower Upper

82 100

128 39.6 31.2 46.8

54 67.8 53.2 79.8



#24

Nitrobenzene

Concen: 45.159 ng

RT: 9.151 min Scan# 1049

Delta R.T. -0.003 min

Lab File: BG060808.D

Acq: 6 Apr 2024 12:50

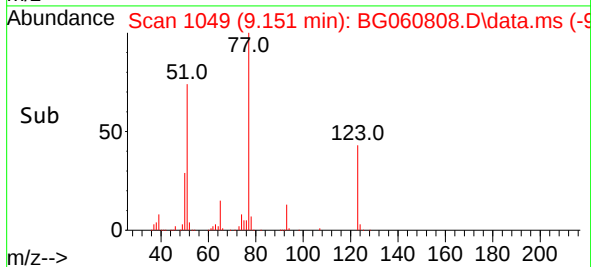
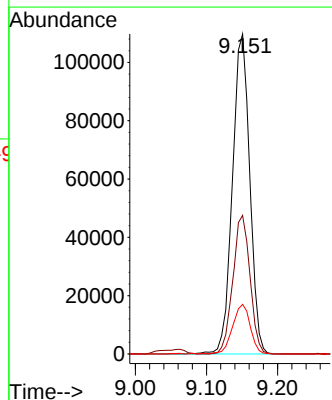
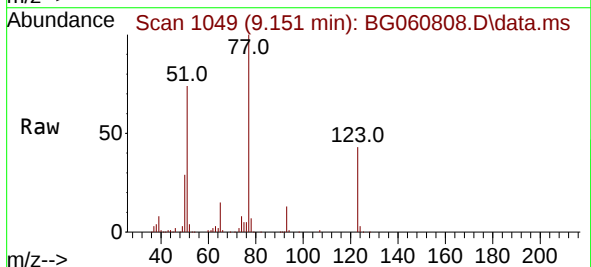
Tgt Ion: 77 Resp: 185459

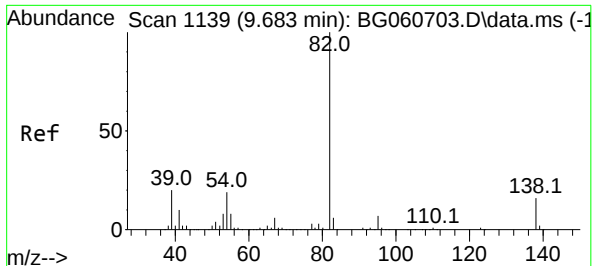
Ion Ratio Lower Upper

77 100

123 43.3 32.7 49.1

65 15.5 11.3 16.9

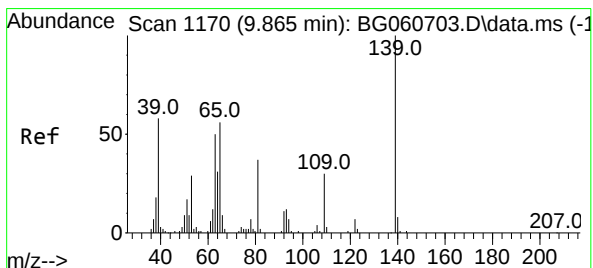
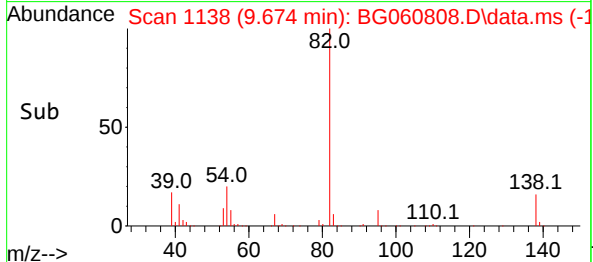
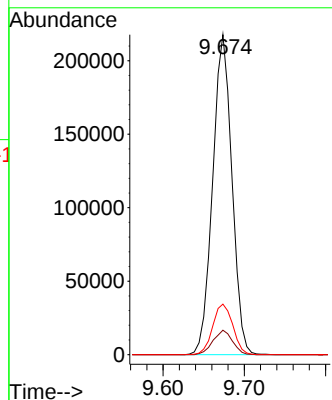
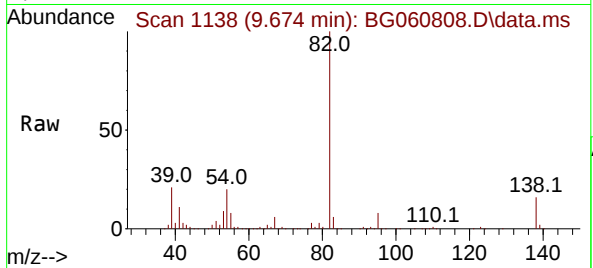




#25  
Isophorone  
Concen: 42.043 ng  
RT: 9.674 min Scan# 1139  
Delta R.T. -0.009 min  
Lab File: BG060808.D  
Acq: 6 Apr 2024 12:50

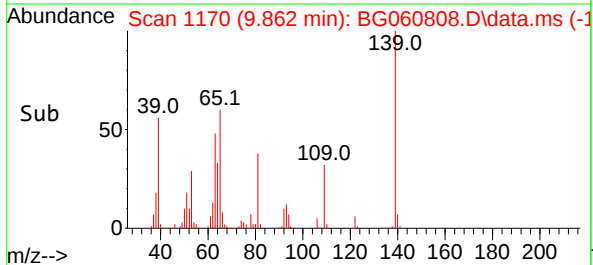
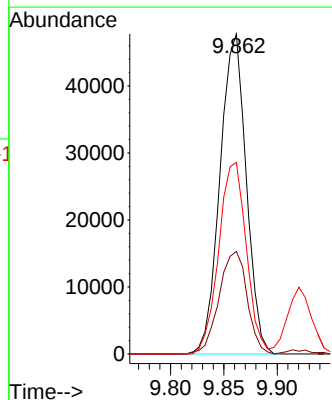
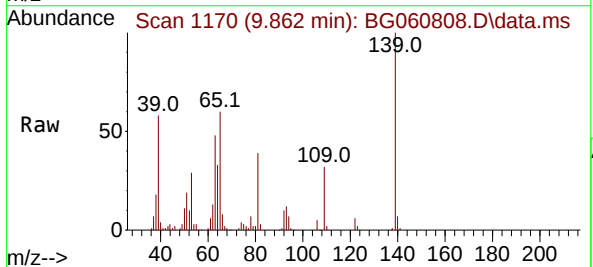
Instrument :  
BNA\_G  
ClientSampleId :

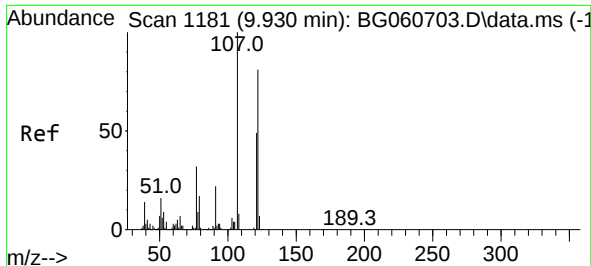
Tgt Ion: 82 Resp: 358650  
Ion Ratio Lower Upper  
82 100  
95 7.6 5.8 8.8  
138 15.8 13.0 19.4



#26  
2-Nitrophenol  
Concen: 54.909 ng  
RT: 9.862 min Scan# 1170  
Delta R.T. -0.003 min  
Lab File: BG060808.D  
Acq: 6 Apr 2024 12:50

Tgt Ion:139 Resp: 81633  
Ion Ratio Lower Upper  
139 100  
109 32.1 23.9 35.9  
65 59.8 44.5 66.7





#27

2,4-Dimethylphenol

Concen: 36.036 ng

RT: 9.920 min Scan# 1181

Delta R.T. -0.010 min

Lab File: BG060808.D

Acq: 6 Apr 2024 12:50

Instrument :

BNA\_G

ClientSampleId :

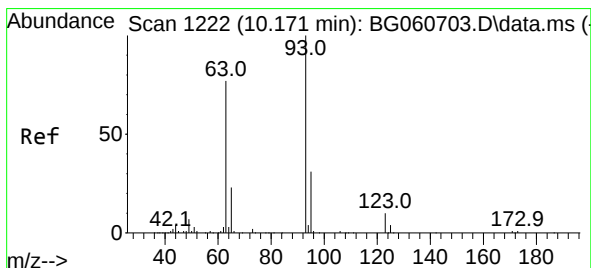
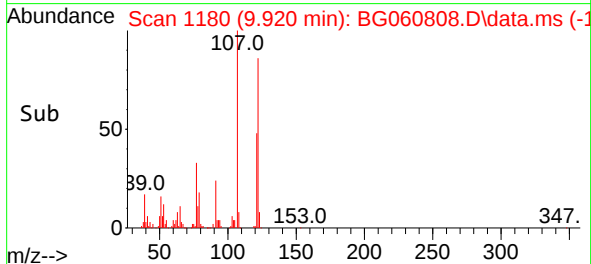
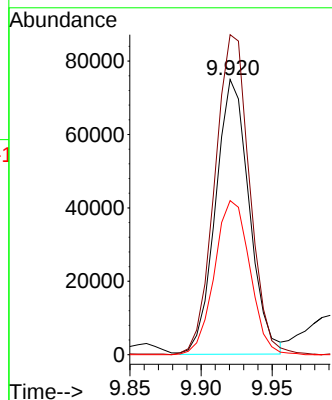
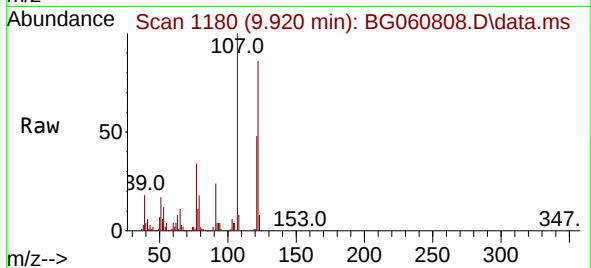
Tgt Ion:122 Resp: 123488

Ion Ratio Lower Upper

122 100

107 116.3 98.6 147.8

121 56.0 48.1 72.1



#28

bis(2-Chloroethoxy)methane

Concen: 41.083 ng

RT: 10.161 min Scan# 1221

Delta R.T. -0.009 min

Lab File: BG060808.D

Acq: 6 Apr 2024 12:50

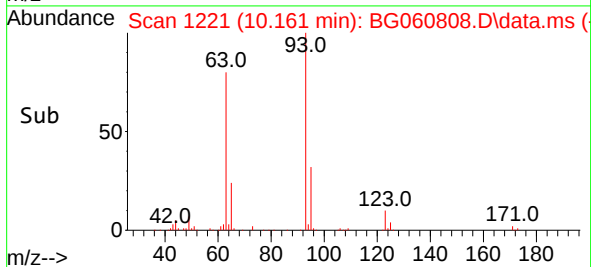
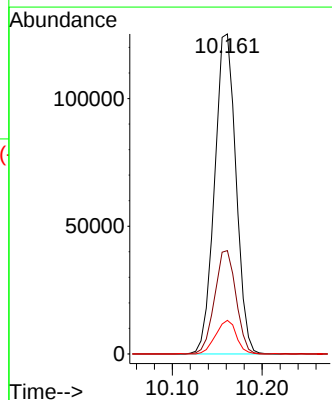
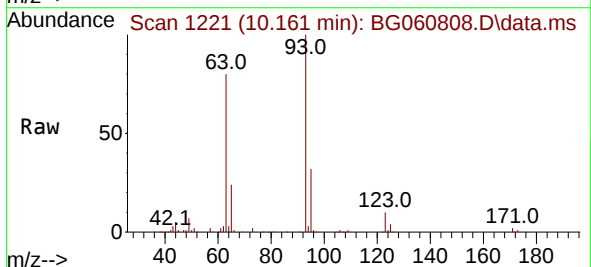
Tgt Ion: 93 Resp: 206908

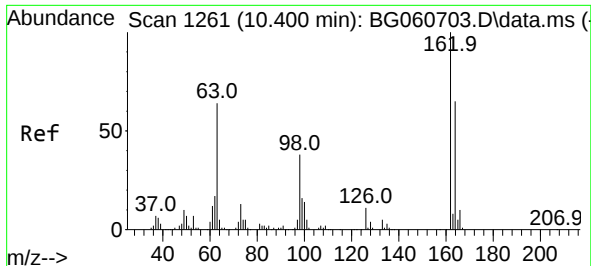
Ion Ratio Lower Upper

93 100

95 32.3 25.1 37.7

123 10.5 8.0 12.0





#29

2,4-Dichlorophenol

Concen: 52.306 ng

RT: 10.396 min Scan# 1

Delta R.T. -0.004 min

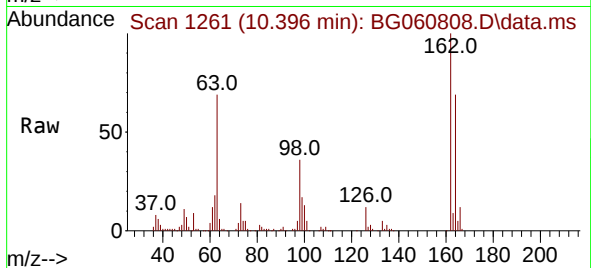
Lab File: BG060808.D

Acq: 6 Apr 2024 12:50

Instrument :

BNA\_G

ClientSampleId :



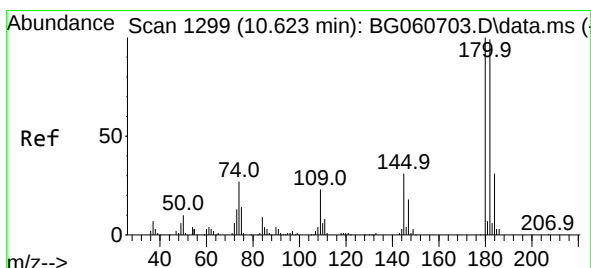
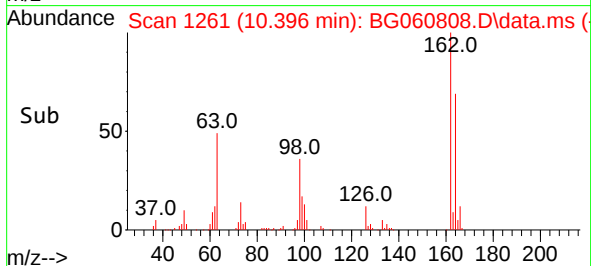
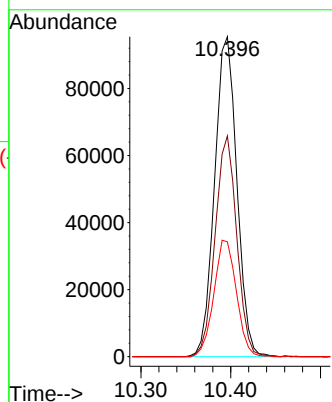
Tgt Ion:162 Resp: 164595

Ion Ratio Lower Upper

162 100

164 69.0 45.2 85.2

98 35.9 17.7 57.7



#30

1,2,4-Trichlorobenzene

Concen: 48.245 ng

RT: 10.614 min Scan# 1298

Delta R.T. -0.009 min

Lab File: BG060808.D

Acq: 6 Apr 2024 12:50

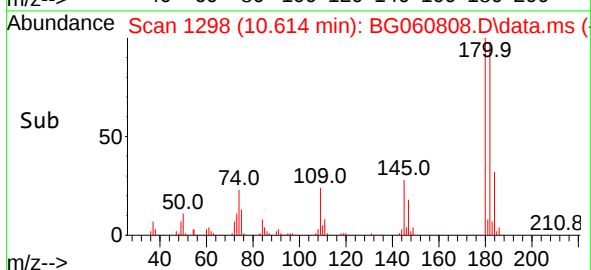
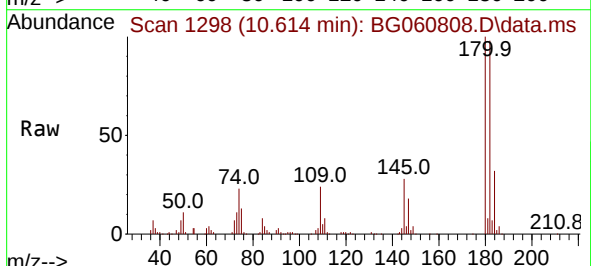
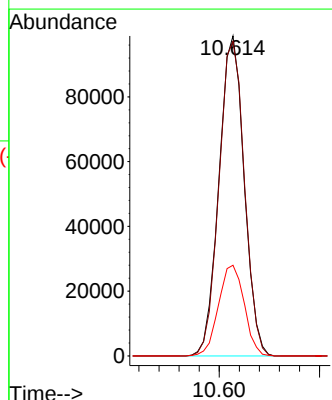
Tgt Ion:180 Resp: 171908

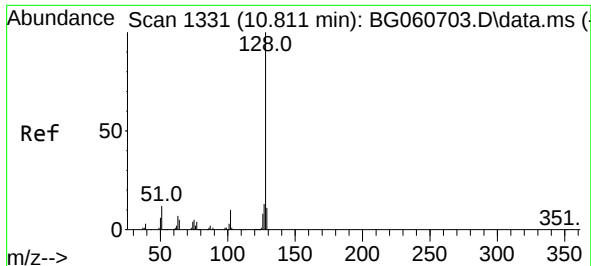
Ion Ratio Lower Upper

180 100

182 98.3 79.0 118.4

145 28.4 24.9 37.3

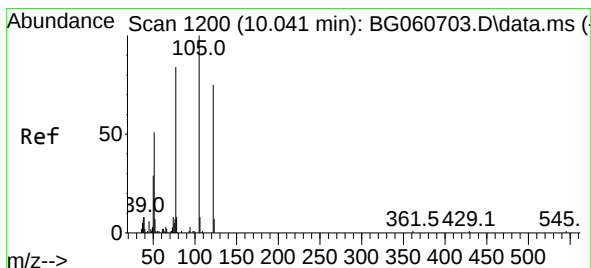
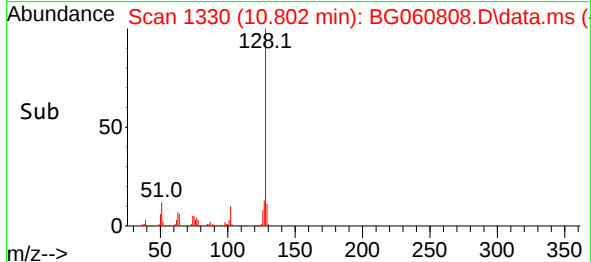
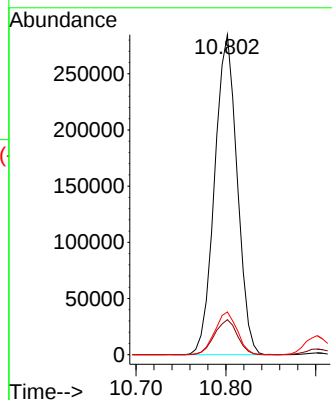
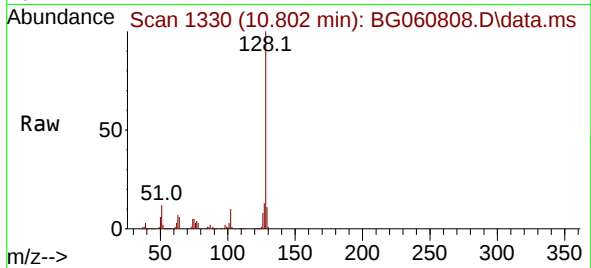




#31  
Naphthalene  
Concen: 43.301 ng  
RT: 10.802 min Scan# 1195  
Delta R.T. -0.009 min  
Lab File: BG060808.D  
Acq: 6 Apr 2024 12:50

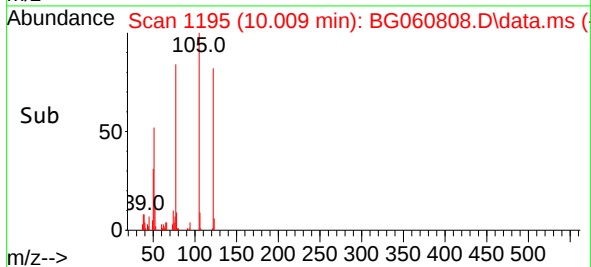
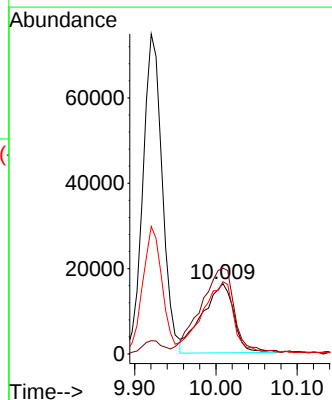
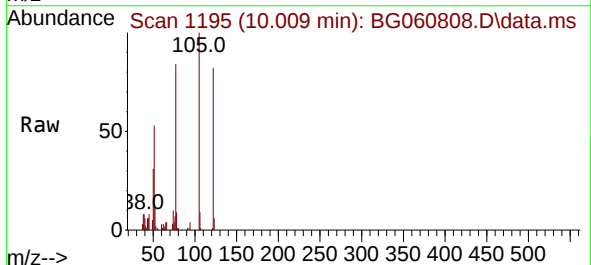
Instrument :  
BNA\_G  
ClientSampleId :

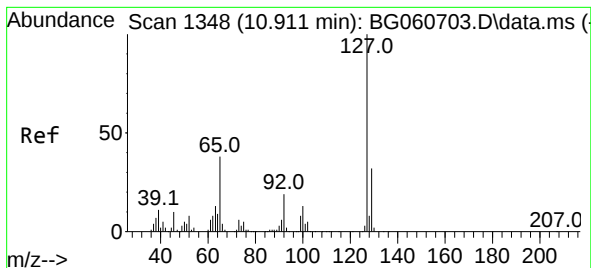
Tgt Ion:128 Resp: 495032  
Ion Ratio Lower Upper  
128 100  
129 11.0 8.5 12.7  
127 13.4 10.5 15.7



#32  
Benzoic acid  
Concen: 23.467 ng  
RT: 10.009 min Scan# 1195  
Delta R.T. -0.033 min  
Lab File: BG060808.D  
Acq: 6 Apr 2024 12:50

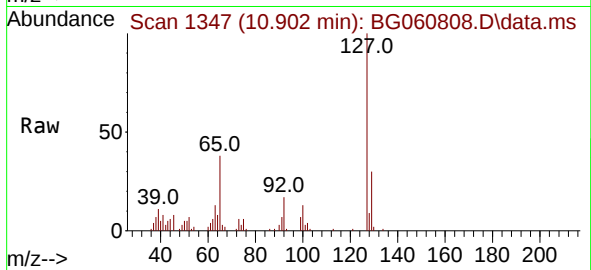
Tgt Ion:122 Resp: 44214  
Ion Ratio Lower Upper  
122 100  
105 122.0 104.5 144.5  
77 102.7 85.3 125.3



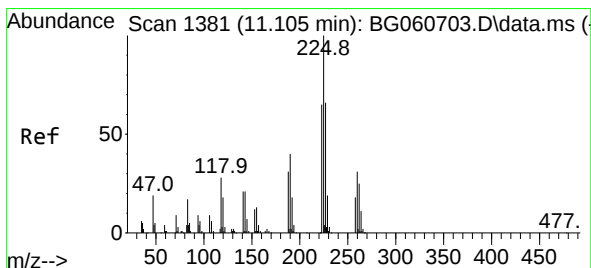
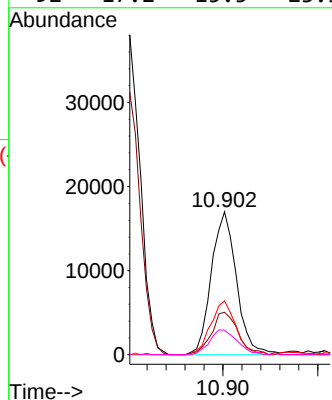


#33  
4-Chloroaniline  
Concen: 5.897 ng  
RT: 10.902 min Scan# 11  
Delta R.T. -0.009 min  
Lab File: BG060808.D  
Acq: 6 Apr 2024 12:50

Instrument :  
BNA\_G  
ClientSampleId :

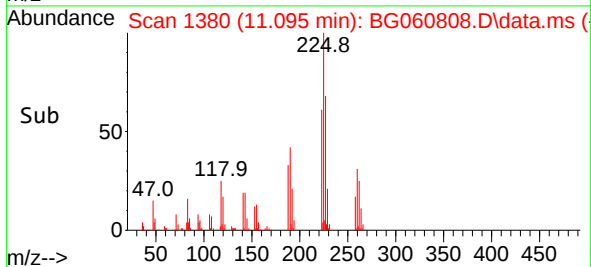
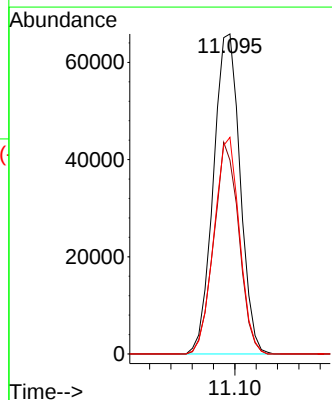
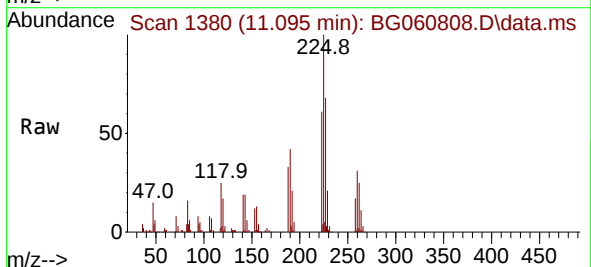


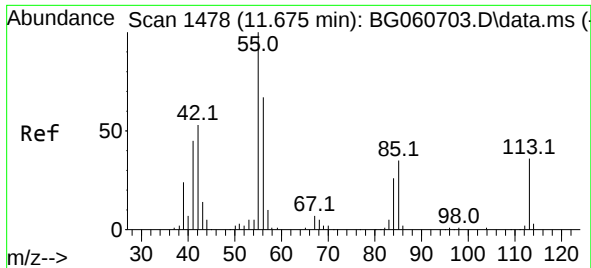
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 127   | Resp: | 31312 |
| Ion Ratio | Lower | Upper |       |
| 127       | 100   |       |       |
| 129       | 29.7  | 25.3  | 37.9  |
| 65        | 37.7  | 30.2  | 45.2  |
| 92        | 17.2  | 15.5  | 23.3  |



#34  
Hexachlorobutadiene  
Concen: 48.110 ng  
RT: 11.095 min Scan# 1380  
Delta R.T. -0.009 min  
Lab File: BG060808.D  
Acq: 6 Apr 2024 12:50

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 225   | Resp: | 114249 |
| Ion Ratio | Lower | Upper |        |
| 225       | 100   |       |        |
| 223       | 60.5  | 52.0  | 78.0   |
| 227       | 67.7  | 52.5  | 78.7   |

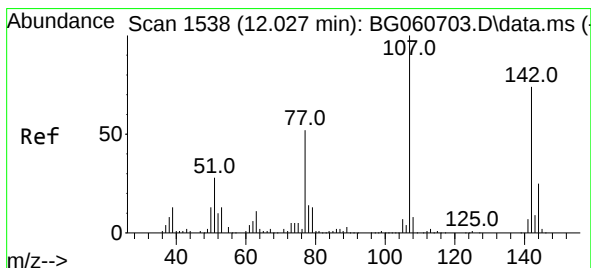
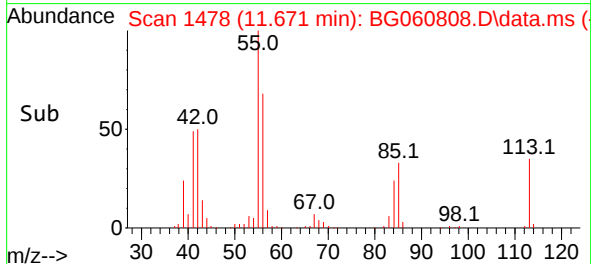
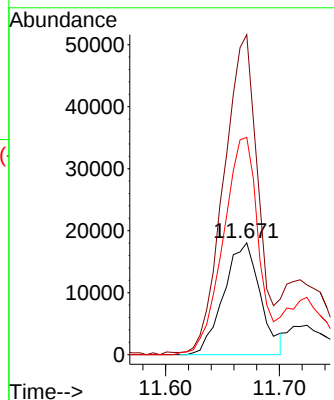
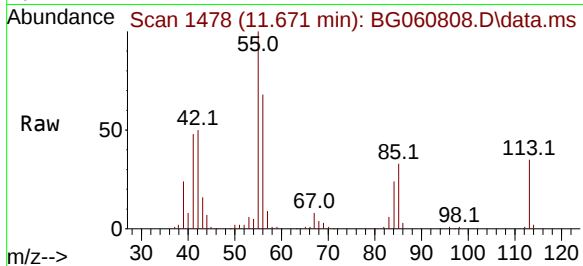




#35  
 Caprolactam  
 Concen: 32.312 ng  
 RT: 11.671 min Scan# 1478  
 Delta R.T. -0.003 min  
 Lab File: BG060808.D  
 Acq: 6 Apr 2024 12:50

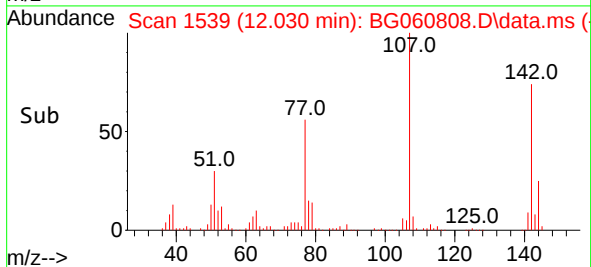
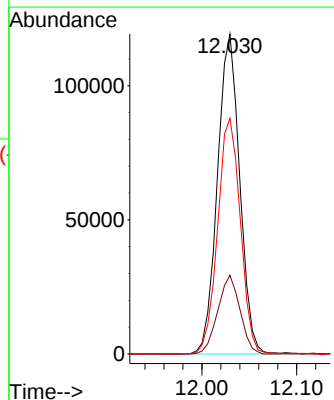
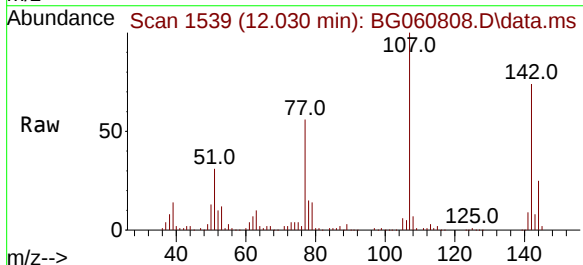
Instrument :  
 BNA\_G  
 ClientSampleId :

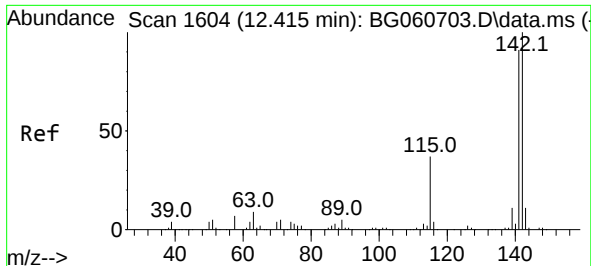
Tgt Ion:113 Resp: 40271  
 Ion Ratio Lower Upper  
 113 100  
 55 286.3 258.0 298.0  
 56 194.4 166.3 206.3



#36  
 4-Chloro-3-methylphenol  
 Concen: 48.396 ng  
 RT: 12.030 min Scan# 1539  
 Delta R.T. 0.002 min  
 Lab File: BG060808.D  
 Acq: 6 Apr 2024 12:50

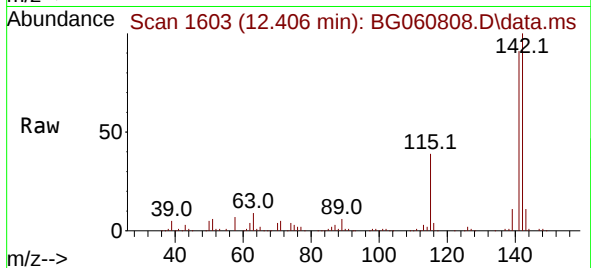
Tgt Ion:107 Resp: 194544  
 Ion Ratio Lower Upper  
 107 100  
 144 24.6 20.0 30.0  
 142 73.7 59.2 88.8



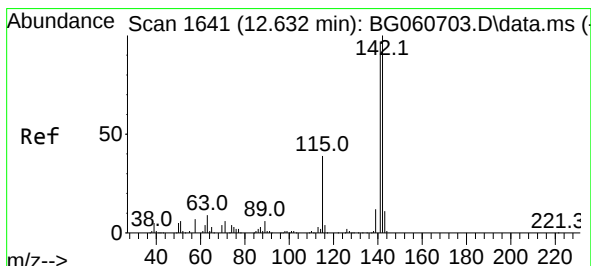
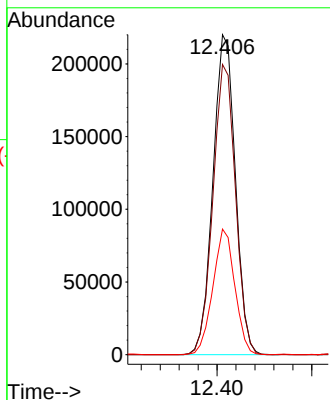
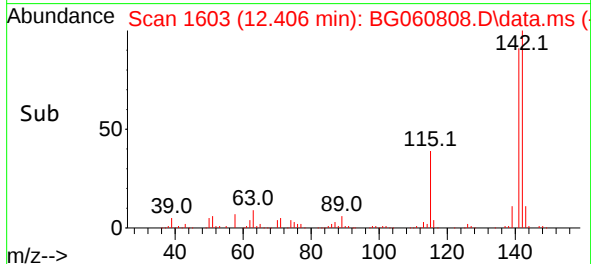


#37  
2-Methylnaphthalene  
Concen: 42.978 ng  
RT: 12.406 min Scan# 1  
Delta R.T. -0.009 min  
Lab File: BG060808.D  
Acq: 6 Apr 2024 12:50

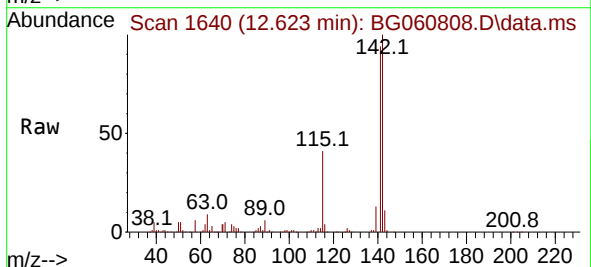
Instrument :  
BNA\_G  
ClientSampleId :



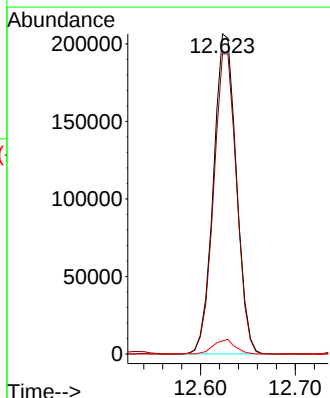
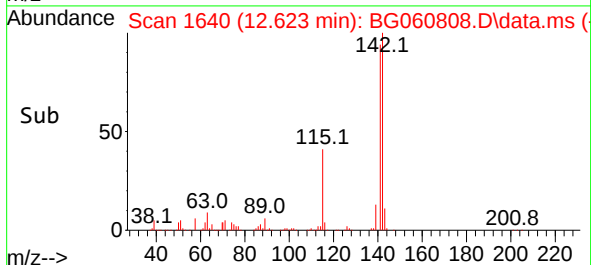
Tgt Ion:142 Resp: 361230  
Ion Ratio Lower Upper  
142 100  
141 90.7 72.7 109.1  
115 39.2 29.9 44.9

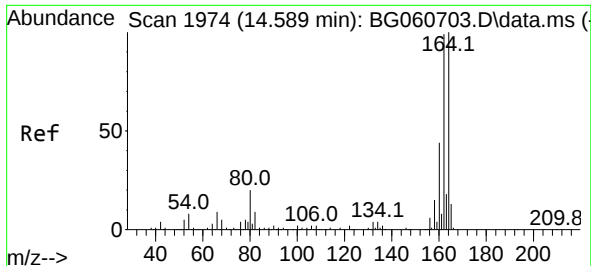


#38  
1-Methylnaphthalene  
Concen: 43.616 ng  
RT: 12.623 min Scan# 1640  
Delta R.T. -0.009 min  
Lab File: BG060808.D  
Acq: 6 Apr 2024 12:50



Tgt Ion:142 Resp: 346312  
Ion Ratio Lower Upper  
142 100  
141 93.8 77.7 116.5  
116 4.1 3.4 5.2

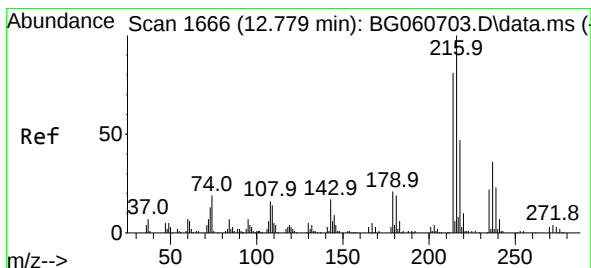
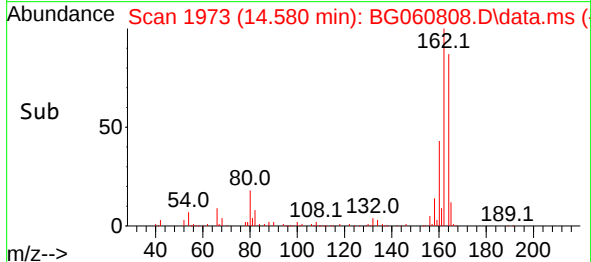
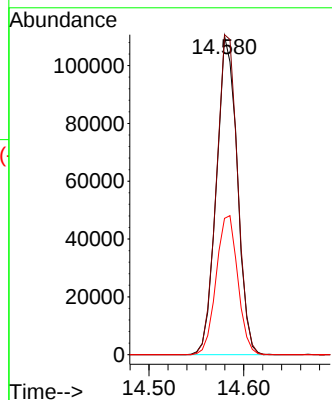
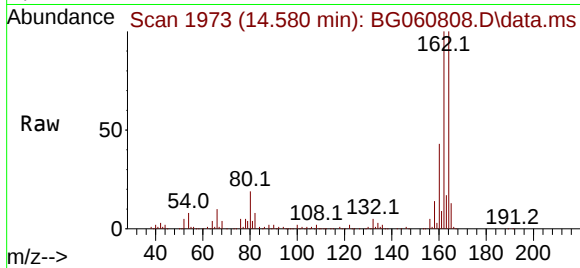




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.580 min Scan# 1974  
Delta R.T. -0.009 min  
Lab File: BG060808.D  
Acq: 6 Apr 2024 12:50

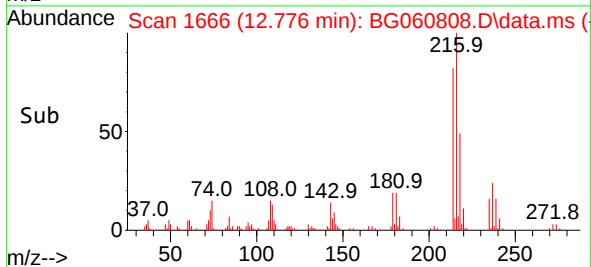
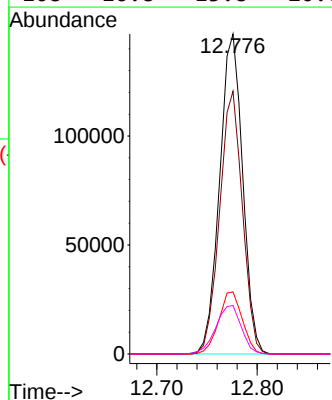
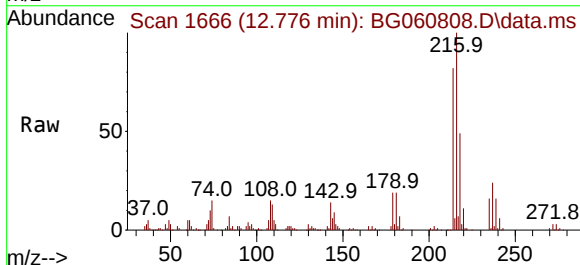
Instrument :  
BNA\_G  
ClientSampleId :

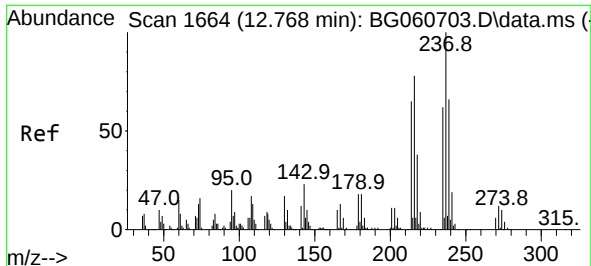
Tgt Ion:164 Resp: 168018  
Ion Ratio Lower Upper  
164 100  
162 100.4 79.5 119.3  
160 42.8 35.4 53.0



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 48.321 ng  
RT: 12.776 min Scan# 1666  
Delta R.T. -0.003 min  
Lab File: BG060808.D  
Acq: 6 Apr 2024 12:50

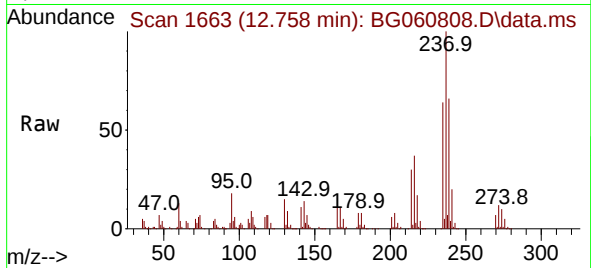
Tgt Ion:216 Resp: 233409  
Ion Ratio Lower Upper  
216 100  
214 81.0 63.1 94.7  
179 19.9 16.7 25.1  
108 16.8 13.8 20.6



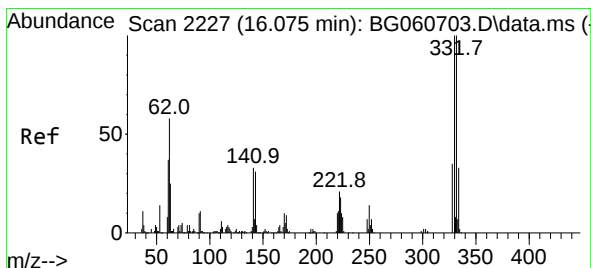
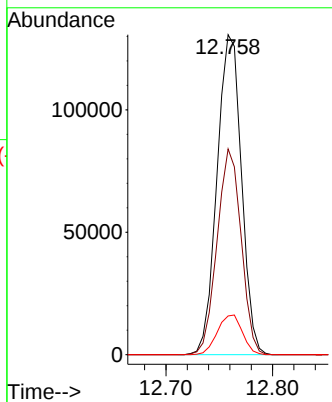
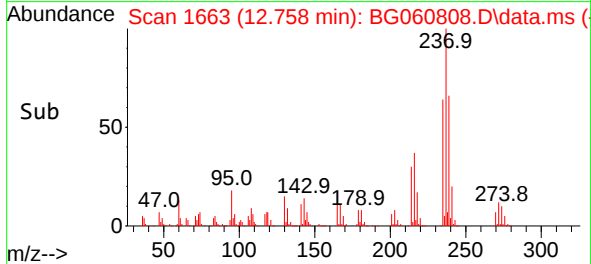


#41  
Hexachlorocyclopentadiene  
Concen: 84.718 ng  
RT: 12.758 min Scan# 1663  
Delta R.T. -0.009 min  
Lab File: BG060808.D  
Acq: 6 Apr 2024 12:50

Instrument :  
BNA\_G  
ClientSampleId :

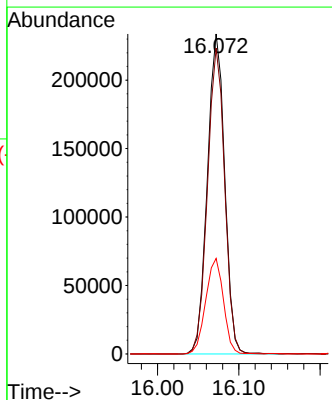
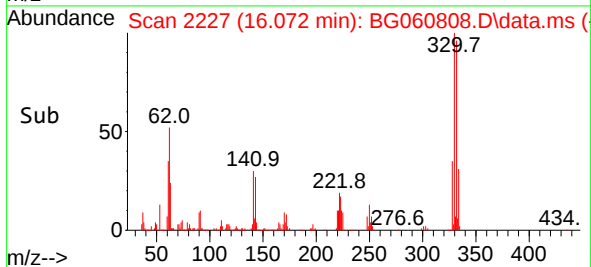
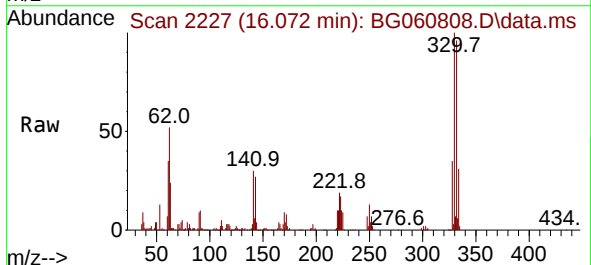


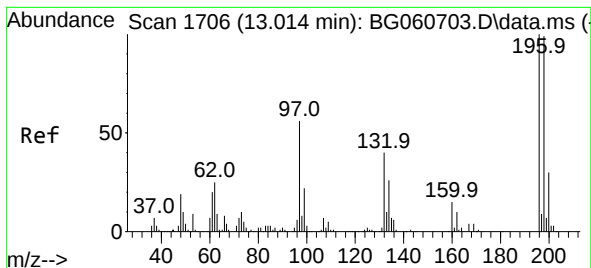
Tgt Ion:237 Resp: 208078  
Ion Ratio Lower Upper  
237 100  
235 64.3 42.0 82.0  
272 12.1 0.0 32.4



#42  
2,4,6-Tribromophenol  
Concen: 181.057 ng  
RT: 16.072 min Scan# 2227  
Delta R.T. -0.003 min  
Lab File: BG060808.D  
Acq: 6 Apr 2024 12:50

Tgt Ion:330 Resp: 345326  
Ion Ratio Lower Upper  
330 100  
332 95.2 78.2 117.4  
141 30.6 27.0 40.6





#43

2,4,6-Trichlorophenol

Concen: 53.933 ng

RT: 13.011 min Scan# 1

Delta R.T. -0.003 min

Lab File: BG060808.D

Acq: 6 Apr 2024 12:50

Instrument :

BNA\_G

ClientSampleId :

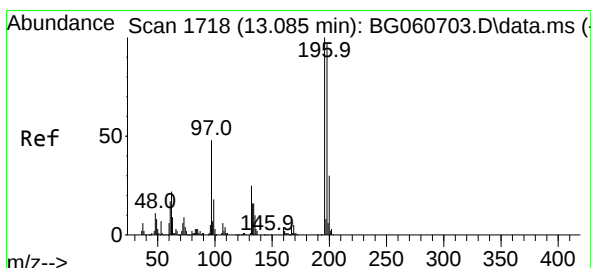
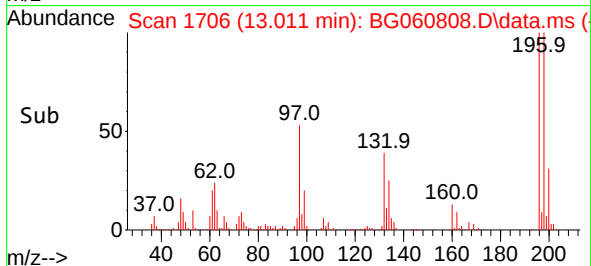
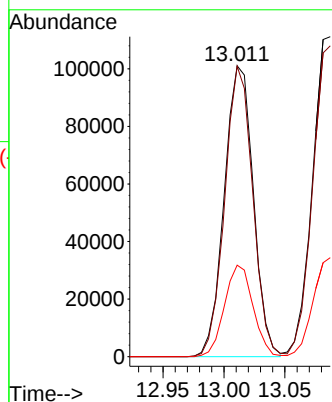
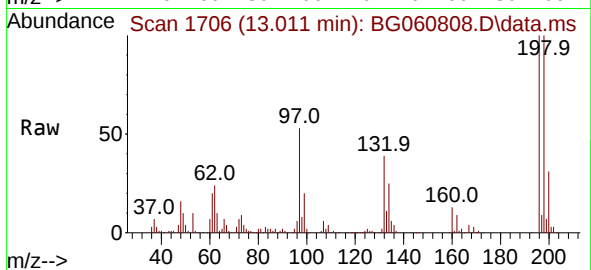
Tgt Ion:196 Resp: 167747

Ion Ratio Lower Upper

196 100

198 99.8 79.1 118.7

200 31.4 24.0 36.0



#44

2,4,5-Trichlorophenol

Concen: 50.622 ng

RT: 13.087 min Scan# 1719

Delta R.T. 0.002 min

Lab File: BG060808.D

Acq: 6 Apr 2024 12:50

Tgt Ion:196 Resp: 187900

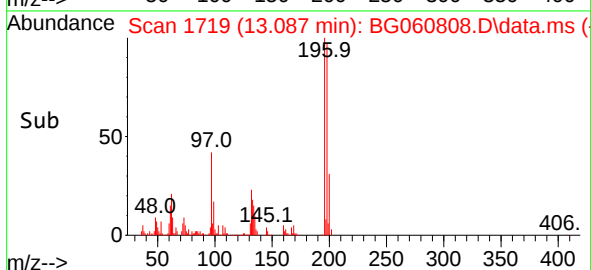
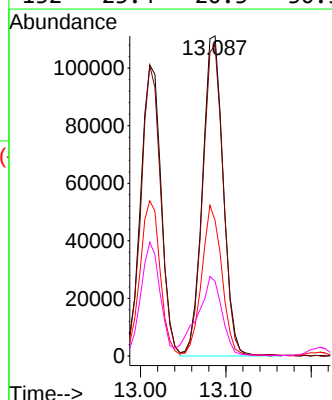
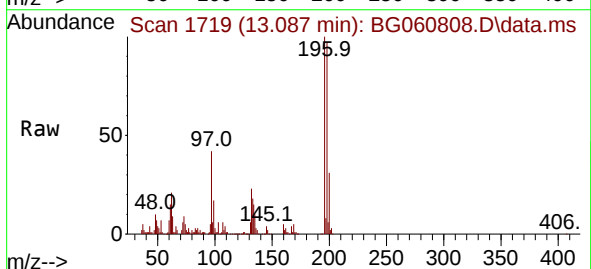
Ion Ratio Lower Upper

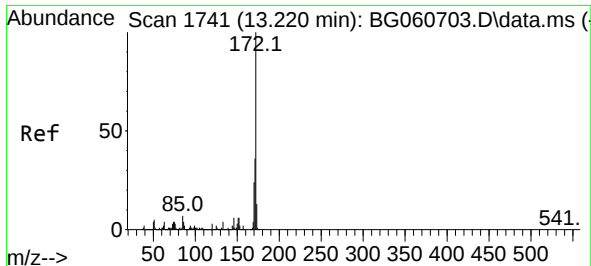
196 100

198 97.1 77.8 116.8

97 42.3 38.2 57.4

132 23.4 20.3 30.5

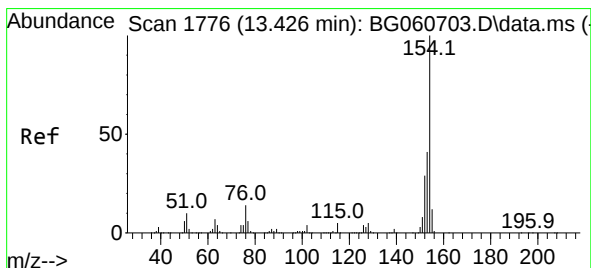
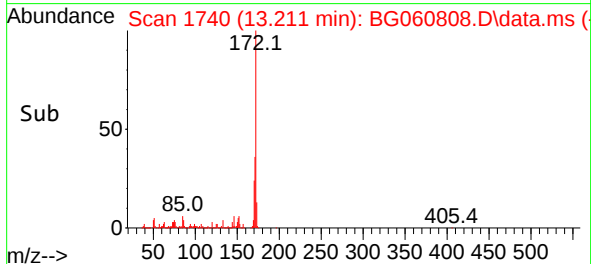
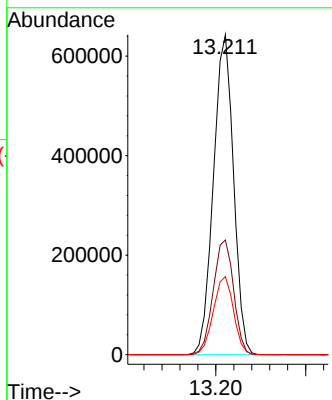
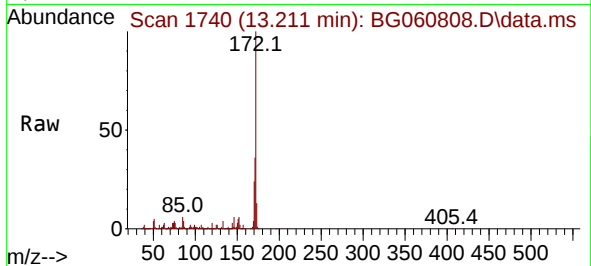




#45  
2-Fluorobiphenyl  
Concen: 87.062 ng  
RT: 13.211 min Scan# 1740  
Delta R.T. -0.009 min  
Lab File: BG060808.D  
Acq: 6 Apr 2024 12:50

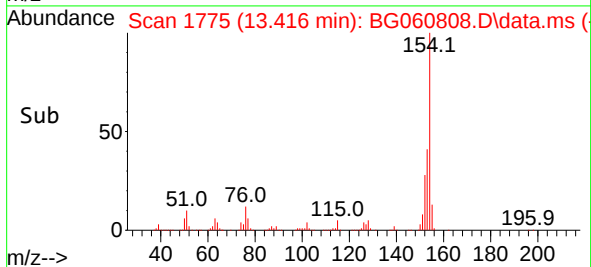
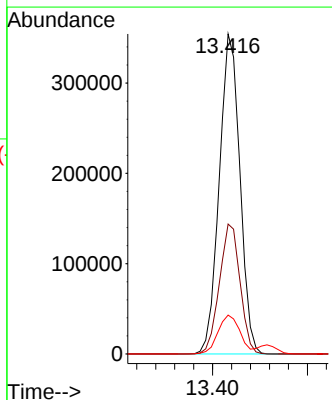
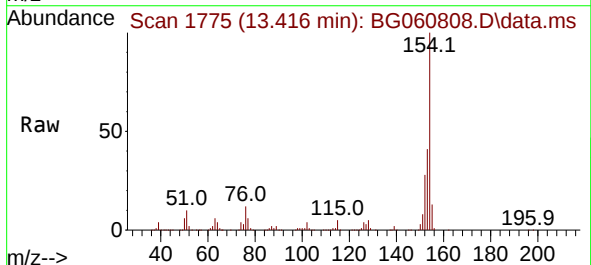
Instrument :  
BNA\_G  
ClientSampleId :

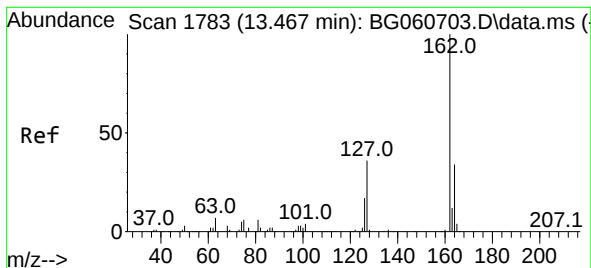
Tgt Ion:172 Resp: 996710  
Ion Ratio Lower Upper  
172 100  
171 35.9 28.7 43.1  
170 24.4 19.4 29.0



#46  
1,1'-Biphenyl  
Concen: 45.138 ng  
RT: 13.416 min Scan# 1775  
Delta R.T. -0.009 min  
Lab File: BG060808.D  
Acq: 6 Apr 2024 12:50

Tgt Ion:154 Resp: 535681  
Ion Ratio Lower Upper  
154 100  
153 40.6 20.8 60.8  
76 12.1 0.0 33.9





#47

2-Chloronaphthalene

Concen: 46.815 ng

RT: 13.457 min Scan# 1

Delta R.T. -0.009 min

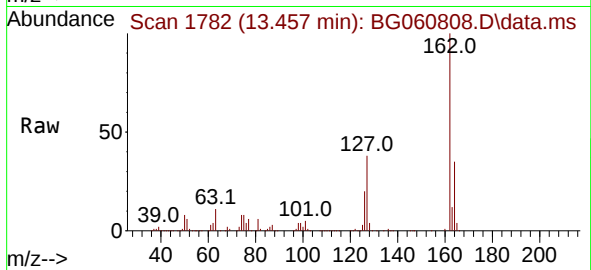
Lab File: BG060808.D

Acq: 6 Apr 2024 12:50

Instrument :

BNA\_G

ClientSampleId :



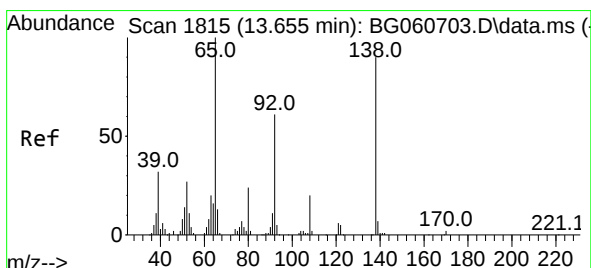
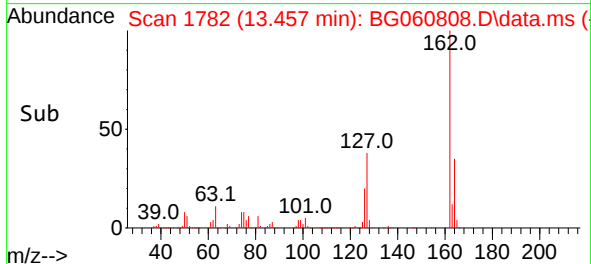
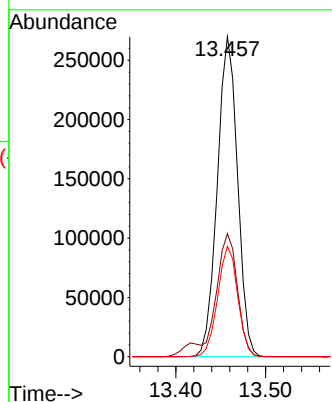
Tgt Ion:162 Resp: 422121

Ion Ratio Lower Upper

162 100

127 38.5 30.6 46.0

164 34.5 26.9 40.3



#48

2-Nitroaniline

Concen: 54.799 ng

RT: 13.651 min Scan# 1815

Delta R.T. -0.004 min

Lab File: BG060808.D

Acq: 6 Apr 2024 12:50

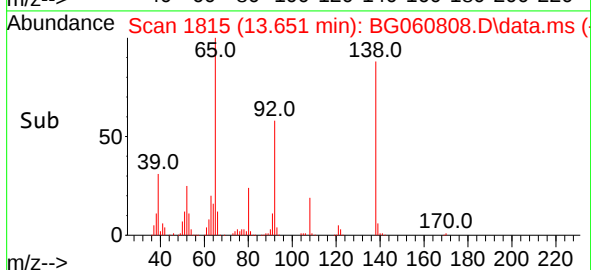
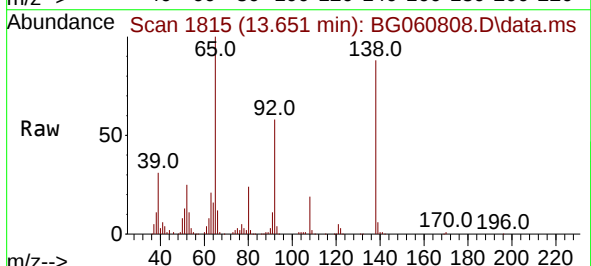
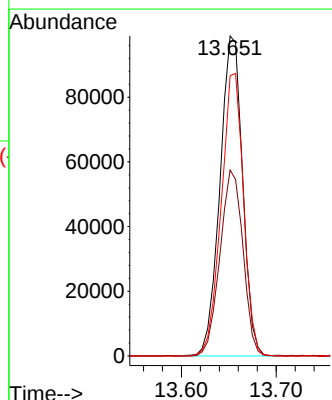
Tgt Ion: 65 Resp: 164082

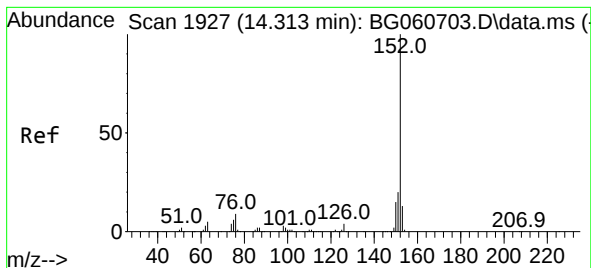
Ion Ratio Lower Upper

65 100

92 58.1 48.6 72.8

138 87.6 72.2 108.4





#49

Acenaphthylene

Concen: 47.860 ng

RT: 14.303 min Scan# 1927

Delta R.T. -0.010 min

Lab File: BG060808.D

Acq: 6 Apr 2024 12:50

Instrument :

BNA\_G

ClientSampleId :

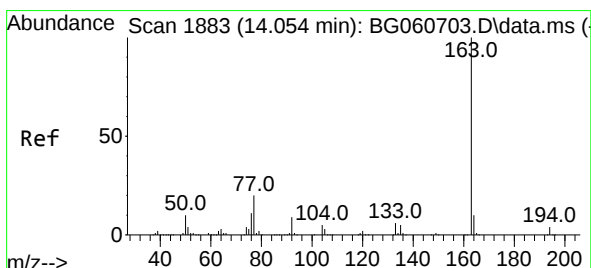
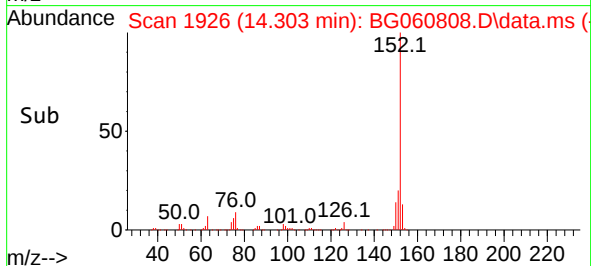
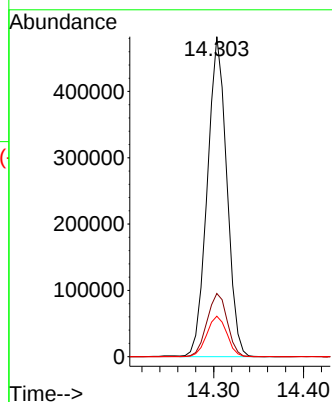
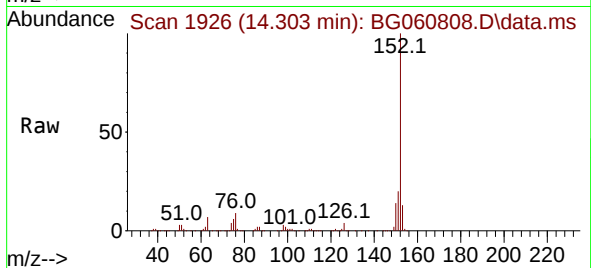
Tgt Ion:152 Resp: 725092

Ion Ratio Lower Upper

152 100

151 19.8 16.4 24.6

153 12.6 10.5 15.7



#50

Dimethylphthalate

Concen: 44.391 ng

RT: 14.045 min Scan# 1882

Delta R.T. -0.009 min

Lab File: BG060808.D

Acq: 6 Apr 2024 12:50

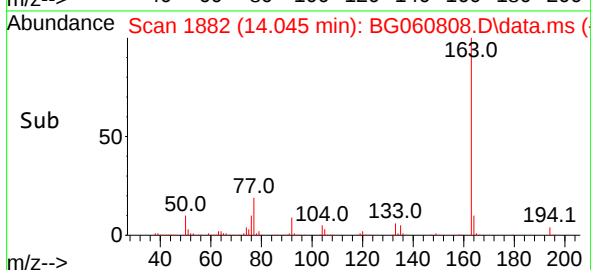
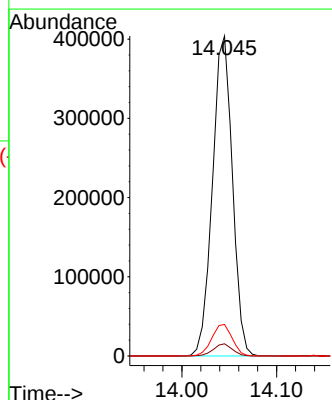
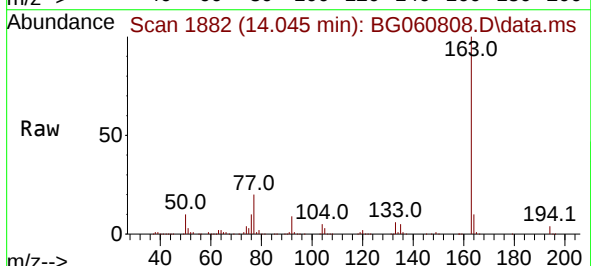
Tgt Ion:163 Resp: 589529

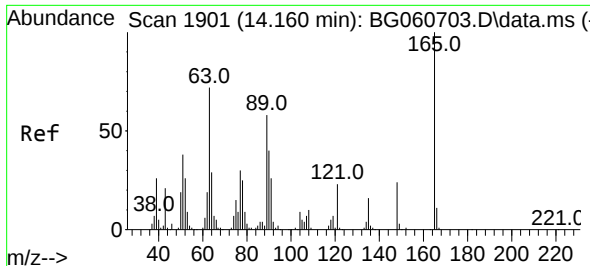
Ion Ratio Lower Upper

163 100

194 3.8 3.0 4.6

164 9.8 7.9 11.9

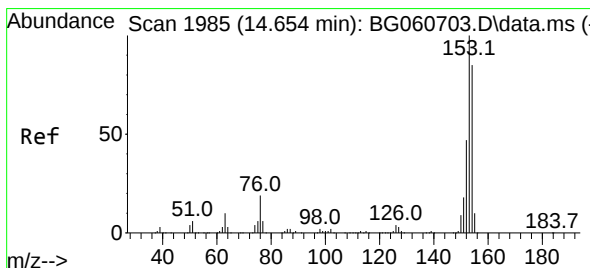
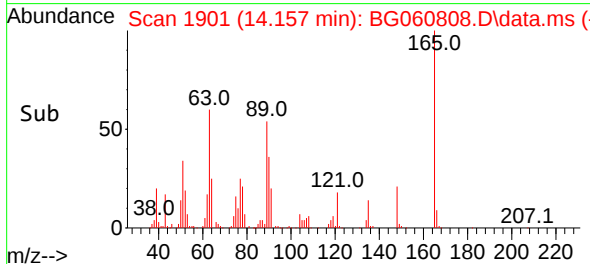
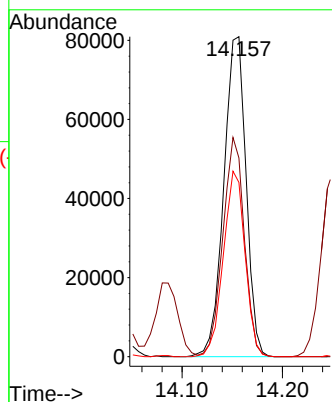
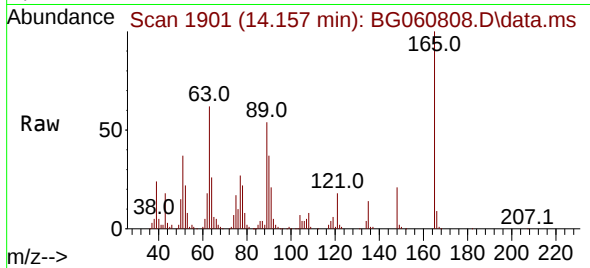




#51  
2,6-Dinitrotoluene  
Concen: 52.063 ng  
RT: 14.157 min Scan# 1901  
Delta R.T. -0.003 min  
Lab File: BG060808.D  
Acq: 6 Apr 2024 12:50

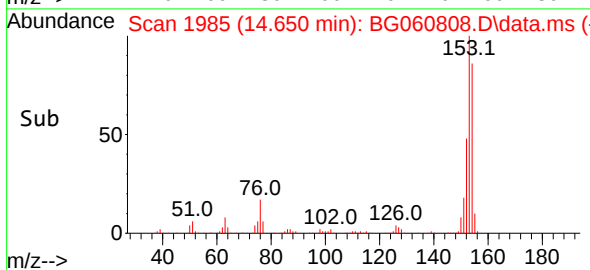
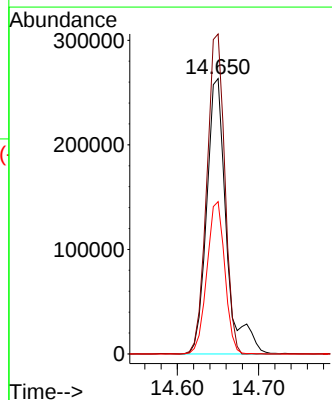
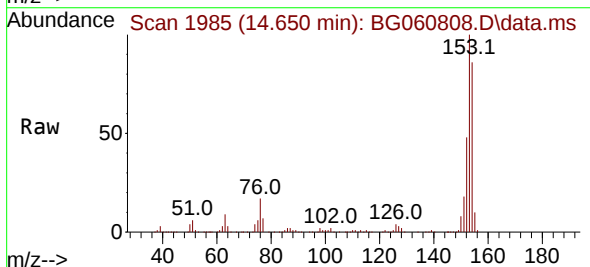
Instrument :  
BNA\_G  
ClientSampleId :

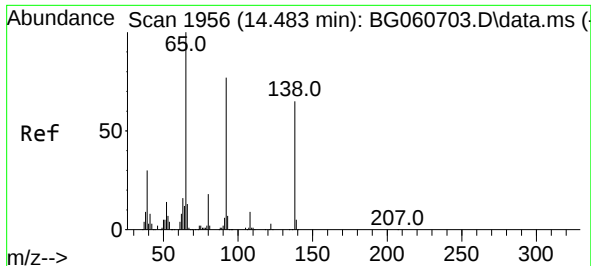
Tgt Ion:165 Resp: 124553  
Ion Ratio Lower Upper  
165 100  
63 62.1 58.2 87.4  
89 54.4 46.1 69.1



#52  
Acenaphthene  
Concen: 46.468 ng  
RT: 14.650 min Scan# 1985  
Delta R.T. -0.004 min  
Lab File: BG060808.D  
Acq: 6 Apr 2024 12:50

Tgt Ion:154 Resp: 442023  
Ion Ratio Lower Upper  
154 100  
153 116.2 93.9 140.9  
152 55.3 44.1 66.1

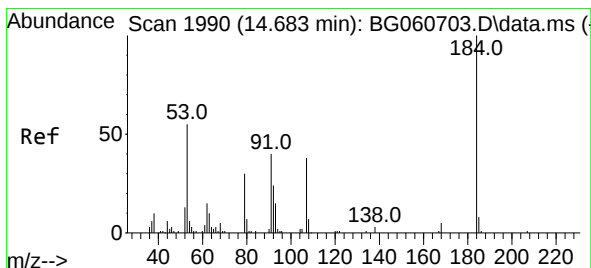
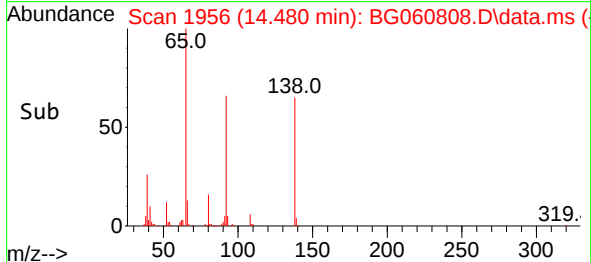
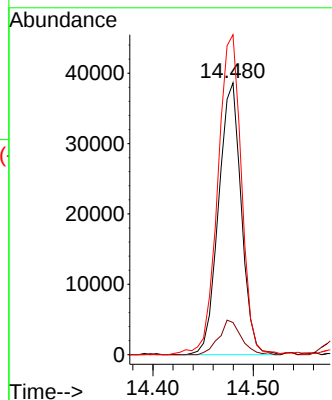
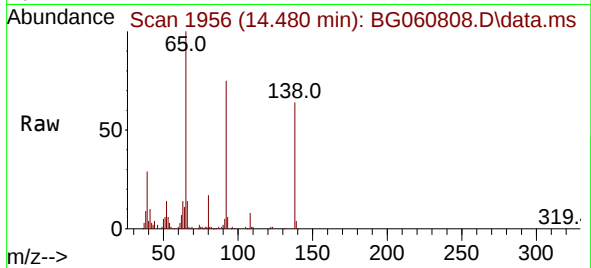




#53  
3-Nitroaniline  
Concen: 24.701 ng  
RT: 14.480 min Scan# 1956  
Delta R.T. -0.003 min  
Lab File: BG060808.D  
Acq: 6 Apr 2024 12:50

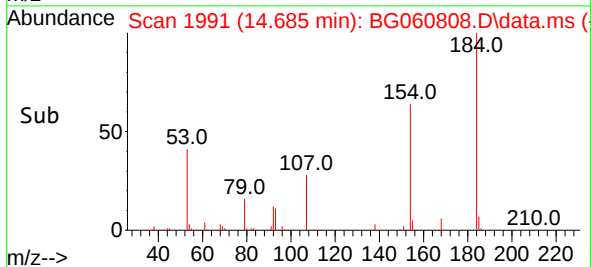
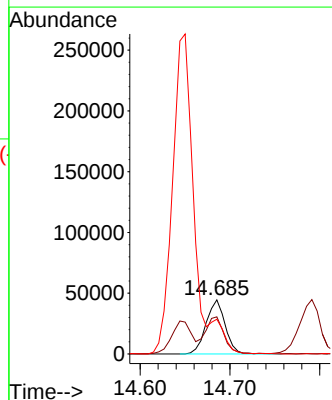
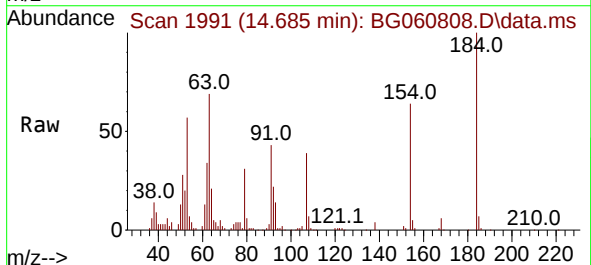
Instrument :  
BNA\_G  
ClientSampleId :

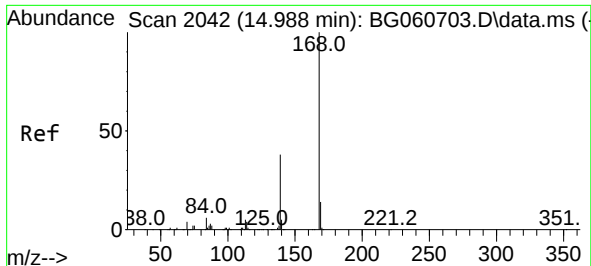
Tgt Ion:138 Resp: 60594  
Ion Ratio Lower Upper  
138 100  
108 11.8 11.3 16.9  
92 117.7 94.1 141.1



#54  
2,4-Dinitrophenol  
Concen: 71.180 ng  
RT: 14.685 min Scan# 1991  
Delta R.T. 0.002 min  
Lab File: BG060808.D  
Acq: 6 Apr 2024 12:50

Tgt Ion:184 Resp: 65798  
Ion Ratio Lower Upper  
184 100  
63 68.8 51.3 76.9  
154 64.2 59.9 89.9

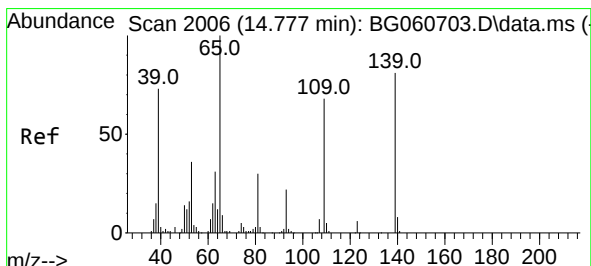
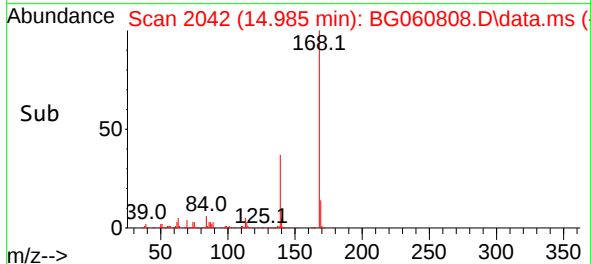
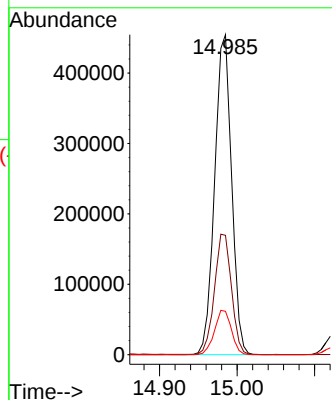
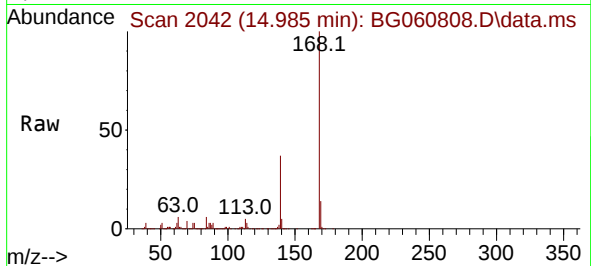




#55  
Dibenzofuran  
Concen: 45.944 ng  
RT: 14.985 min Scan# 2042  
Delta R.T. -0.003 min  
Lab File: BG060808.D  
Acq: 6 Apr 2024 12:50

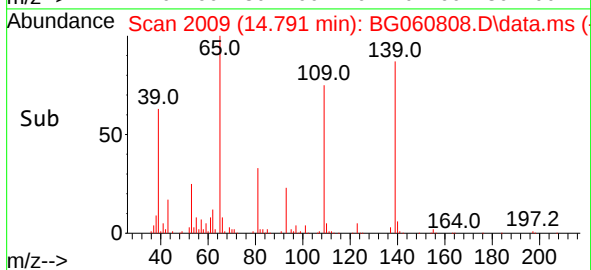
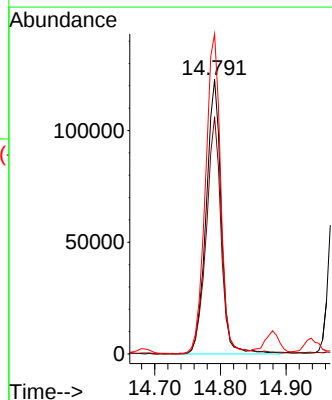
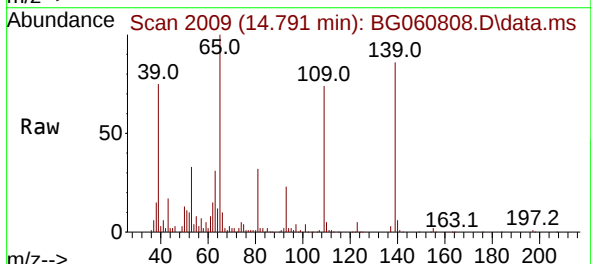
Instrument :  
BNA\_G  
ClientSampleId :

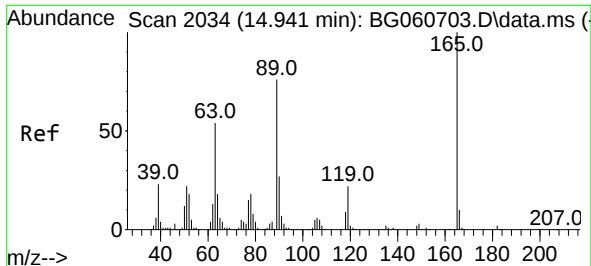
Tgt Ion:168 Resp: 689361  
Ion Ratio Lower Upper  
168 100  
139 37.3 30.1 45.1  
169 13.6 11.0 16.4



#56  
4-Nitrophenol  
Concen: 101.031 ng  
RT: 14.791 min Scan# 2009  
Delta R.T. 0.014 min  
Lab File: BG060808.D  
Acq: 6 Apr 2024 12:50

Tgt Ion:139 Resp: 196144  
Ion Ratio Lower Upper  
139 100  
109 86.5 64.0 104.0  
65 116.6 104.3 144.3





#57

2,4-Dinitrotoluene

Concen: 56.932 ng

RT: 14.938 min Scan# 2034

Delta R.T. -0.003 min

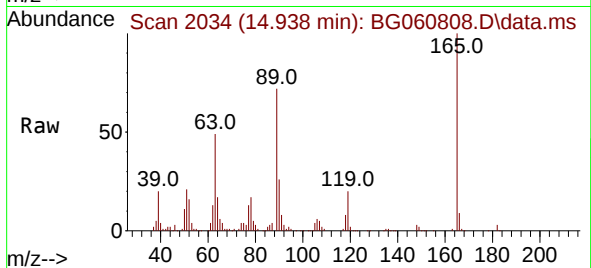
Lab File: BG060808.D

Acq: 6 Apr 2024 12:50

Instrument :

BNA\_G

ClientSampleId :



Tgt Ion:165 Resp: 179714

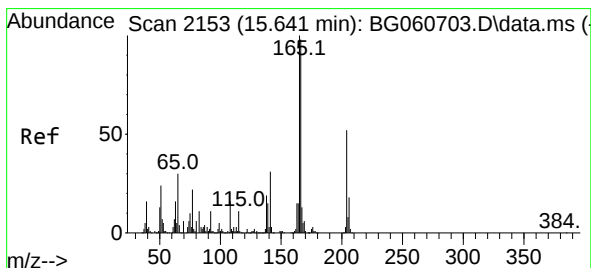
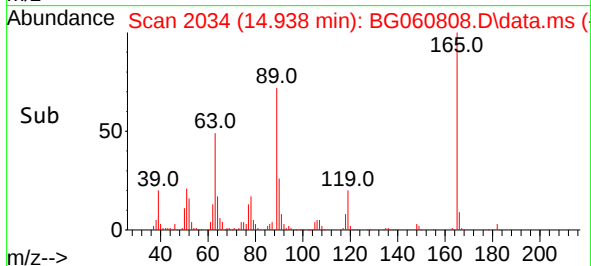
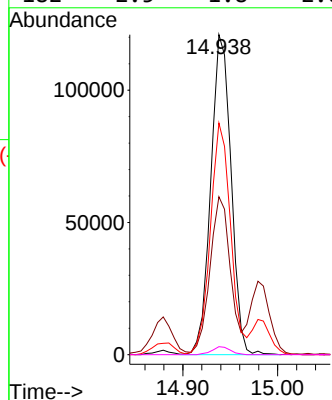
Ion Ratio Lower Upper

165 100

63 49.3 43.4 65.0

89 72.4 61.0 91.6

182 2.5 1.8 2.6



#58

Fluorene

Concen: 46.162 ng

RT: 15.631 min Scan# 2152

Delta R.T. -0.009 min

Lab File: BG060808.D

Acq: 6 Apr 2024 12:50

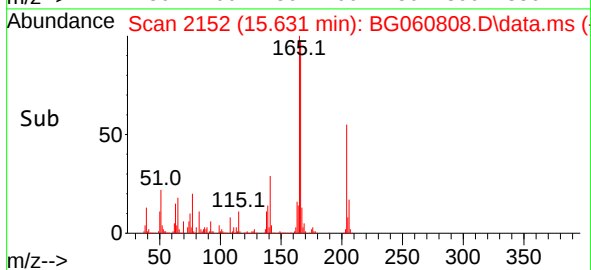
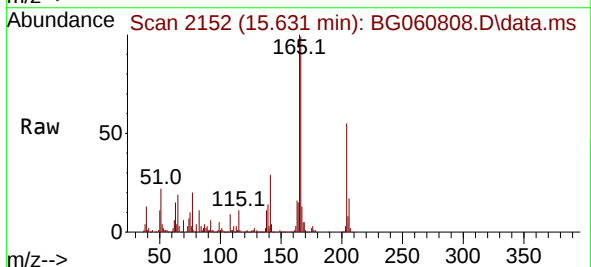
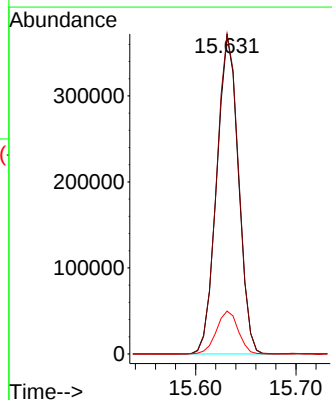
Tgt Ion:166 Resp: 555889

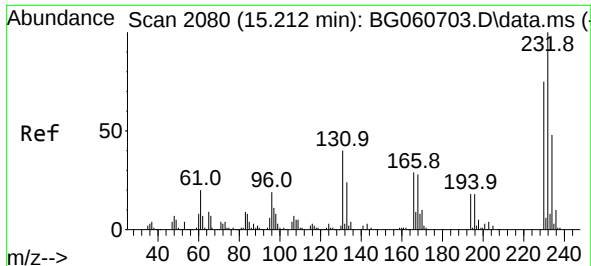
Ion Ratio Lower Upper

166 100

165 100.6 81.8 122.8

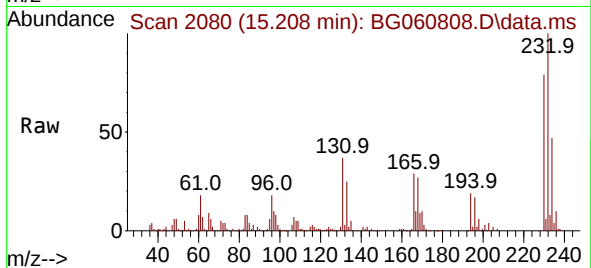
167 13.5 10.9 16.3



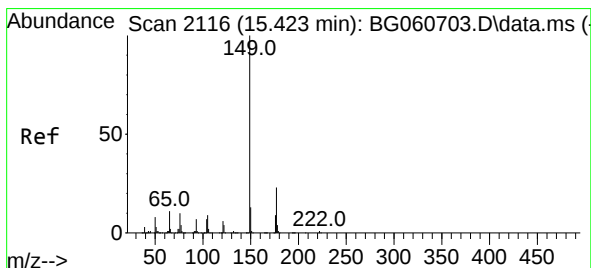
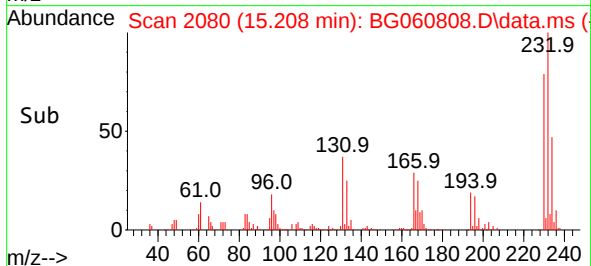
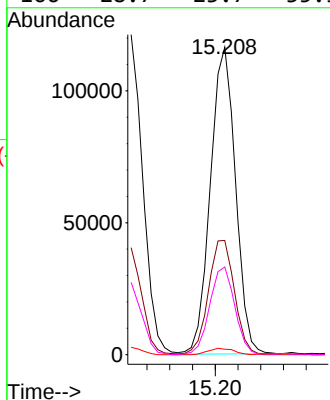


#59  
2,3,4,6-Tetrachlorophenol  
Concen: 55.137 ng  
RT: 15.208 min Scan# 2080  
Delta R.T. -0.004 min  
Lab File: BG060808.D  
Acq: 6 Apr 2024 12:50

Instrument :  
BNA\_G  
ClientSampleId :

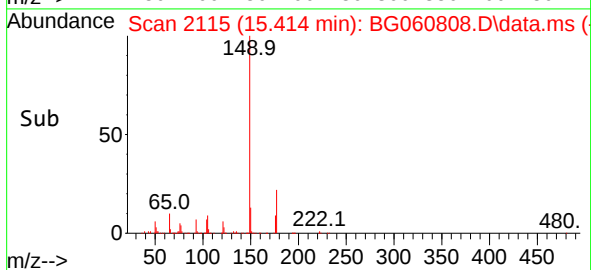
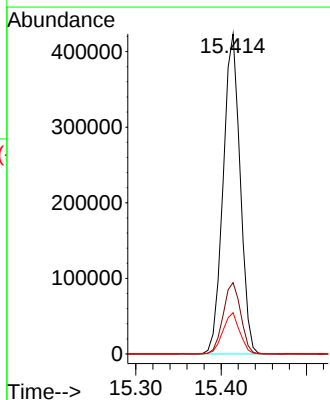
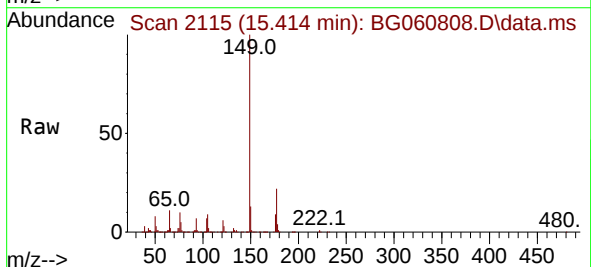


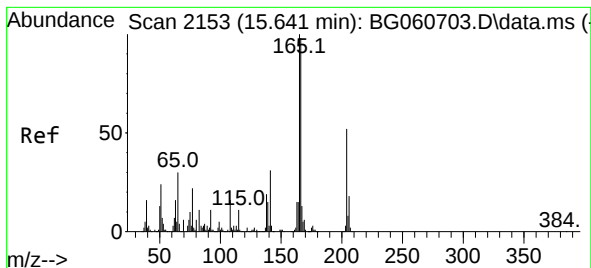
Tgt Ion:232 Resp: 178355  
Ion Ratio Lower Upper  
232 100  
131 38.3 32.2 48.2  
130 2.1 2.1 3.1  
166 28.7 23.7 35.5



#60  
Diethylphthalate  
Concen: 43.858 ng  
RT: 15.414 min Scan# 2115  
Delta R.T. -0.009 min  
Lab File: BG060808.D  
Acq: 6 Apr 2024 12:50

Tgt Ion:149 Resp: 585979  
Ion Ratio Lower Upper  
149 100  
177 22.3 18.0 27.0  
150 12.9 10.2 15.4

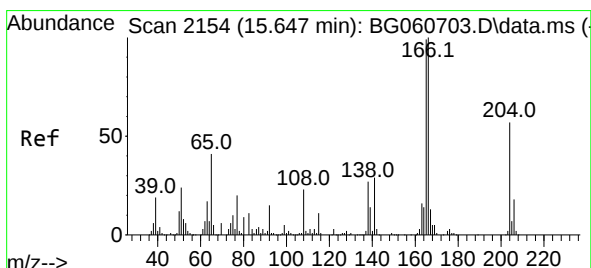
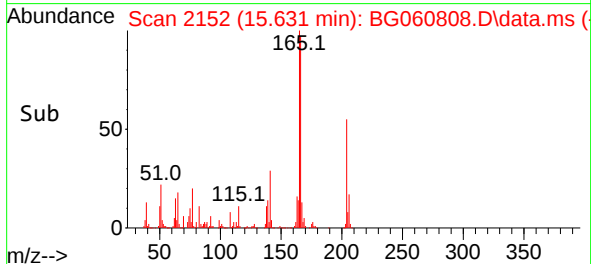
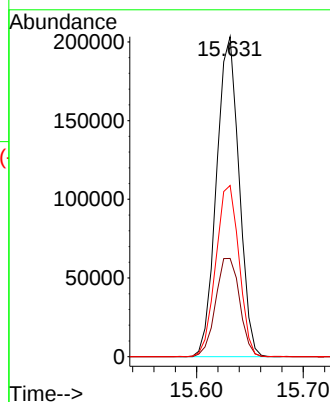
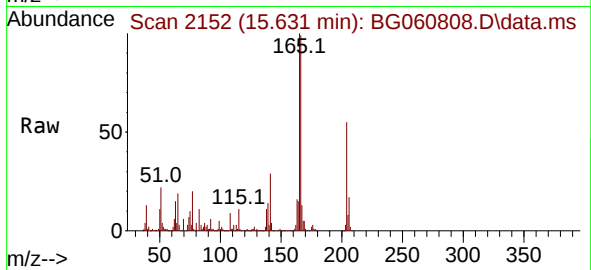




#61  
4-Chlorophenyl-phenylether  
Concen: 46.868 ng  
RT: 15.631 min Scan# 2152  
Delta R.T. -0.010 min  
Lab File: BG060808.D  
Acq: 6 Apr 2024 12:50

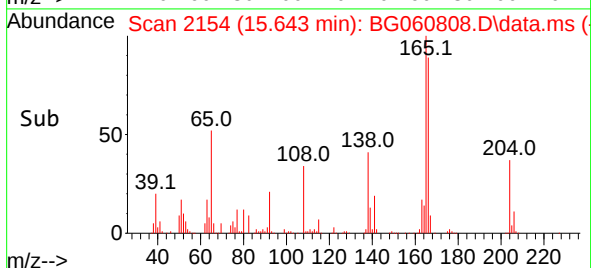
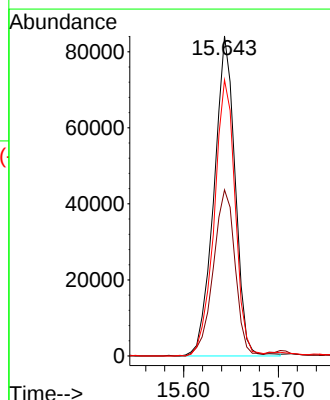
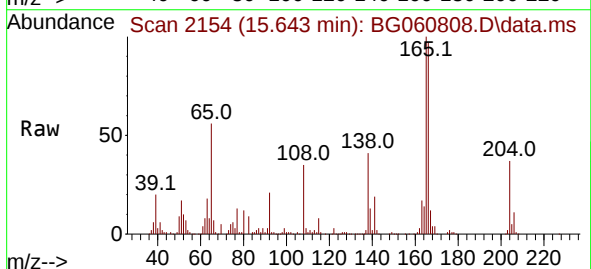
Instrument :  
BNA\_G  
ClientSampleId :

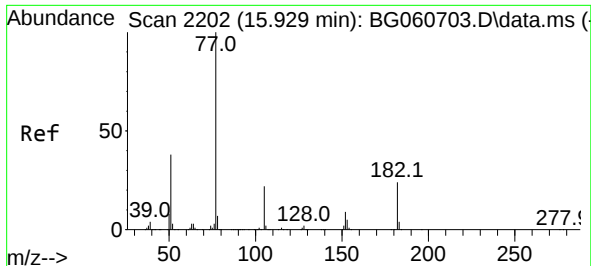
Tgt Ion:204 Resp: 298585  
Ion Ratio Lower Upper  
204 100  
206 30.7 28.3 42.5  
141 53.5 47.2 70.8



#62  
4-Nitroaniline  
Concen: 53.673 ng  
RT: 15.643 min Scan# 2154  
Delta R.T. -0.003 min  
Lab File: BG060808.D  
Acq: 6 Apr 2024 12:50

Tgt Ion:138 Resp: 130320  
Ion Ratio Lower Upper  
138 100  
92 51.9 36.8 76.8  
108 86.2 66.9 106.9

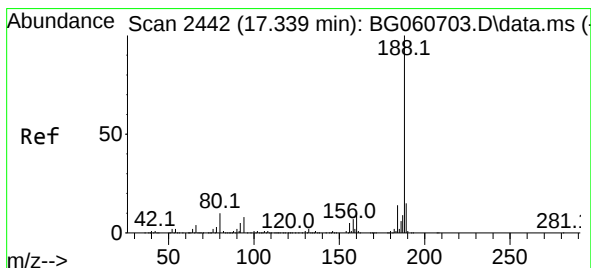
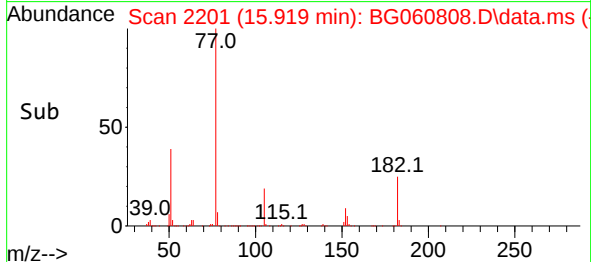
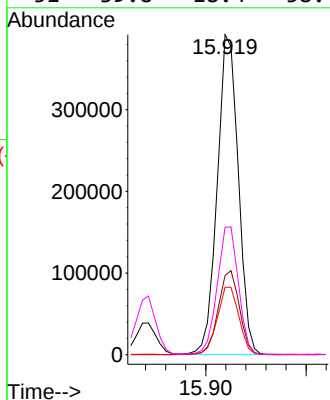
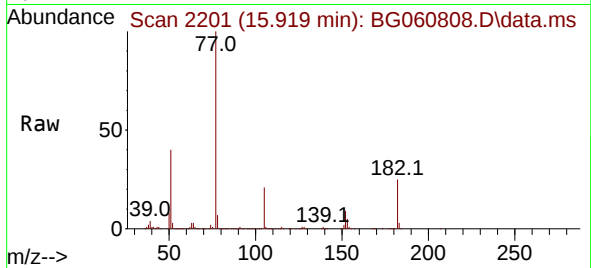




#63  
 Azobenzene  
 Concen: 43.695 ng  
 RT: 15.919 min Scan# 21  
 Delta R.T. -0.010 min  
 Lab File: BG060808.D  
 Acq: 6 Apr 2024 12:50

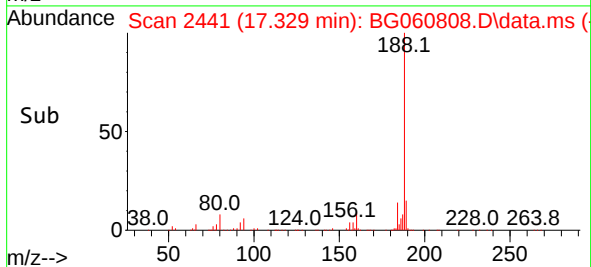
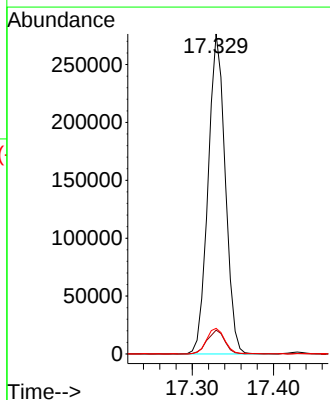
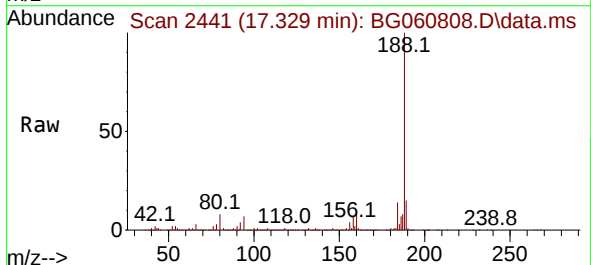
Instrument :  
 BNA\_G  
 ClientSampleId :

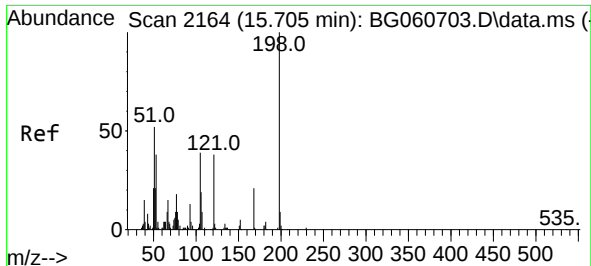
|             |              |
|-------------|--------------|
| Tgt Ion: 77 | Resp: 568898 |
| Ion Ratio   | Lower Upper  |
| 77 100      |              |
| 182 24.7    | 3.9 43.9     |
| 105 21.1    | 1.7 41.7     |
| 51 39.8     | 18.4 58.4    |



#64  
 Phenanthrene-d10  
 Concen: 20.000 ng  
 RT: 17.329 min Scan# 2441  
 Delta R.T. -0.009 min  
 Lab File: BG060808.D  
 Acq: 6 Apr 2024 12:50

|             |              |
|-------------|--------------|
| Tgt Ion:188 | Resp: 405094 |
| Ion Ratio   | Lower Upper  |
| 188 100     |              |
| 94 7.5      | 6.6 9.8      |
| 80 8.0      | 7.6 11.4     |

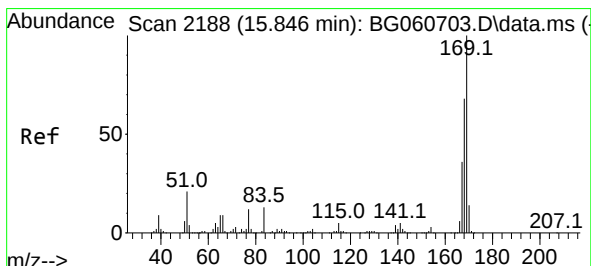
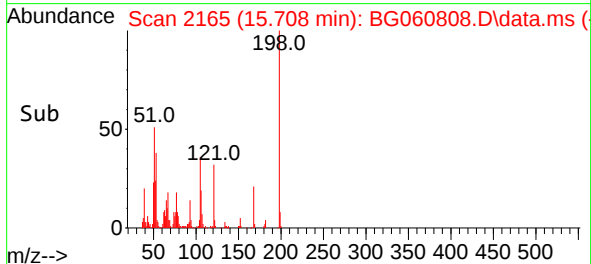
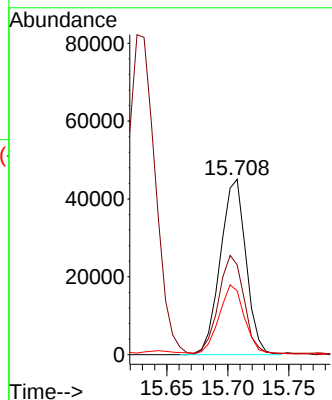
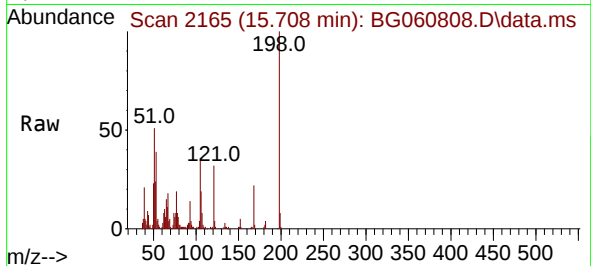




#65  
4,6-Dinitro-2-methylphenol  
Concen: 40.678 ng  
RT: 15.708 min Scan# 2165  
Delta R.T. 0.003 min  
Lab File: BG060808.D  
Acq: 6 Apr 2024 12:50

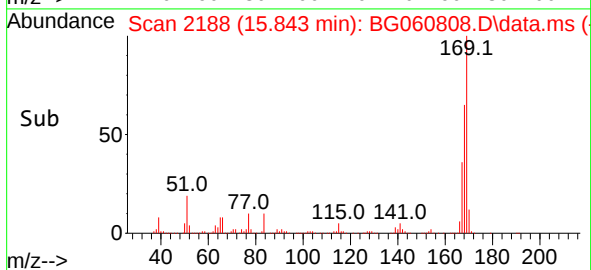
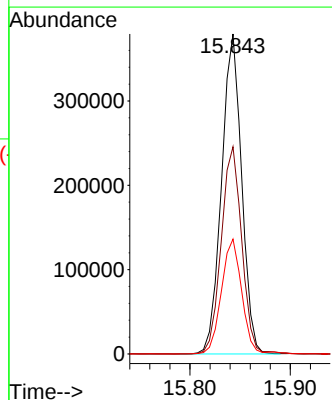
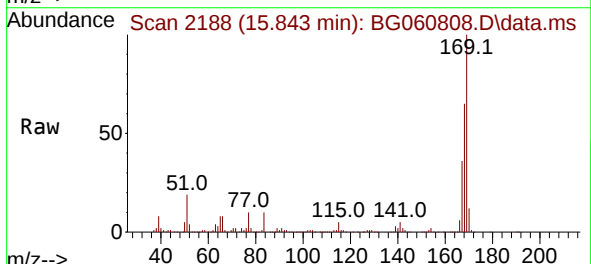
Instrument :  
BNA\_G  
ClientSampleId :

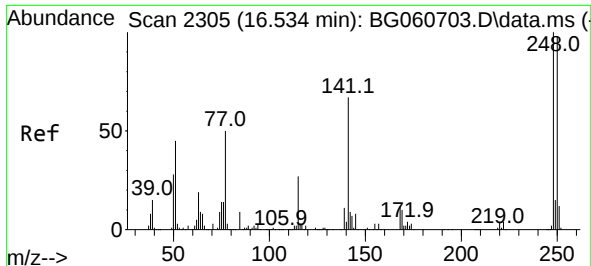
Tgt Ion:198 Resp: 65903  
Ion Ratio Lower Upper  
198 100  
51 51.3 36.7 76.7  
105 36.4 19.1 59.1



#66  
n-Nitrosodiphenylamine  
Concen: 45.442 ng  
RT: 15.843 min Scan# 2188  
Delta R.T. -0.003 min  
Lab File: BG060808.D  
Acq: 6 Apr 2024 12:50

Tgt Ion:169 Resp: 526046  
Ion Ratio Lower Upper  
169 100  
168 64.8 54.5 81.7  
167 35.9 29.2 43.8

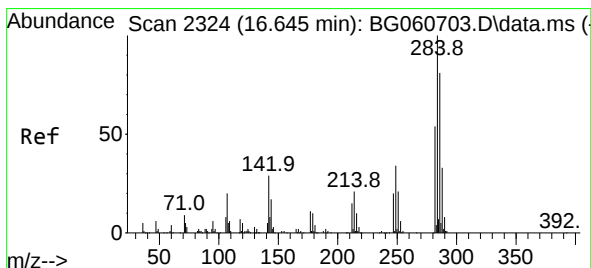
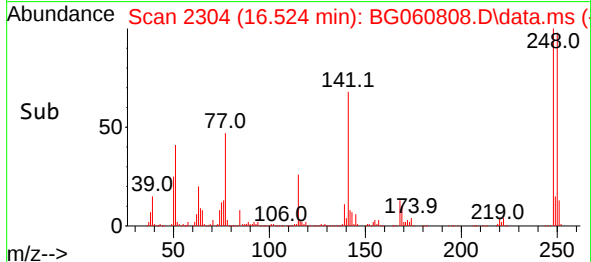
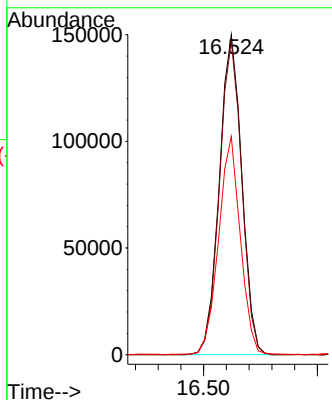
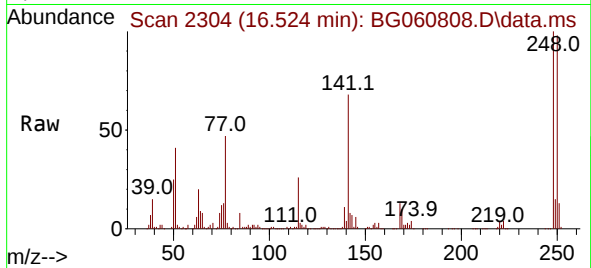




#67  
4-Bromophenyl-phenylether  
Concen: 50.109 ng  
RT: 16.524 min Scan# 21  
Delta R.T. -0.010 min  
Lab File: BG060808.D  
Acq: 6 Apr 2024 12:50

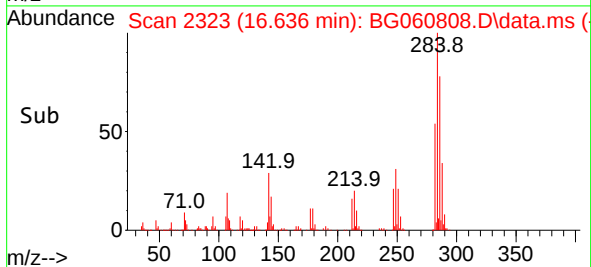
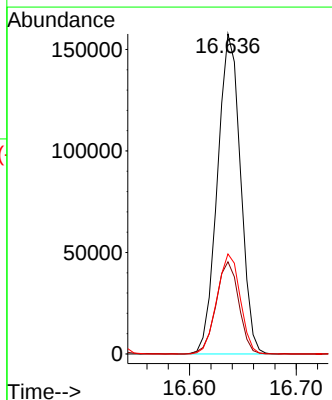
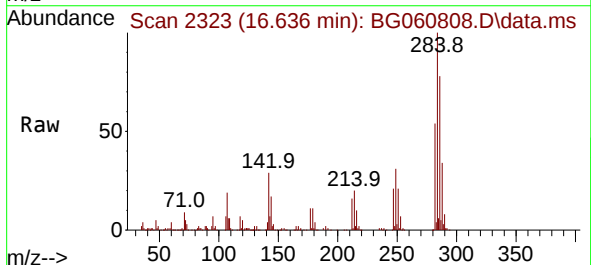
Instrument :  
BNA\_G  
ClientSampleId :

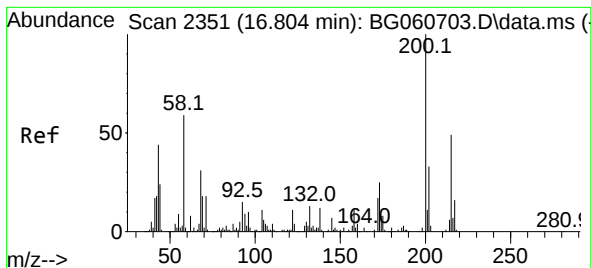
Tgt Ion:248 Resp: 206008  
Ion Ratio Lower Upper  
248 100  
250 98.0 78.3 117.5  
141 68.2 53.7 80.5



#68  
Hexachlorobenzene  
Concen: 50.919 ng  
RT: 16.636 min Scan# 2323  
Delta R.T. -0.009 min  
Lab File: BG060808.D  
Acq: 6 Apr 2024 12:50

Tgt Ion:284 Resp: 236316  
Ion Ratio Lower Upper  
284 100  
142 28.8 22.9 34.3  
249 31.2 27.1 40.7





#69

Atrazine

Concen: 50.045 ng

RT: 16.795 min Scan# 21

Delta R.T. -0.009 min

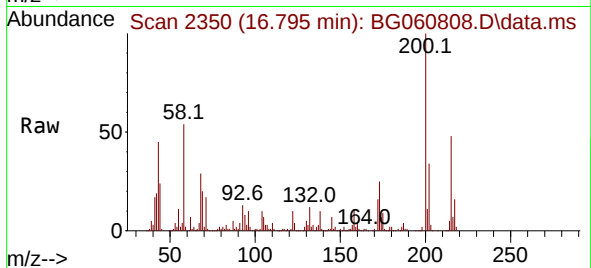
Lab File: BG060808.D

Acq: 6 Apr 2024 12:50

Instrument :

BNA\_G

ClientSampleId :



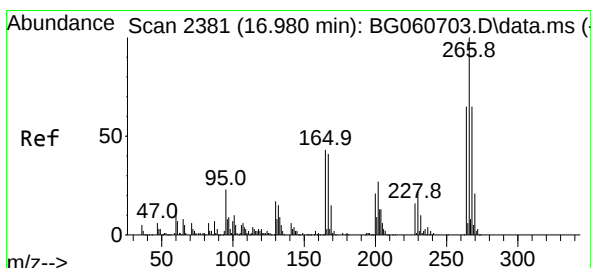
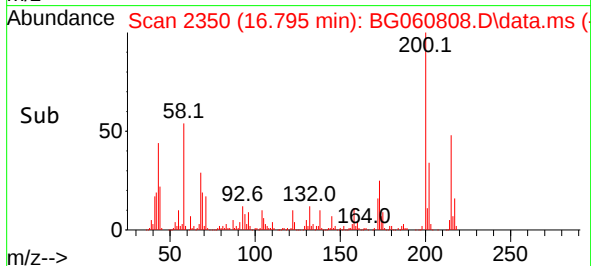
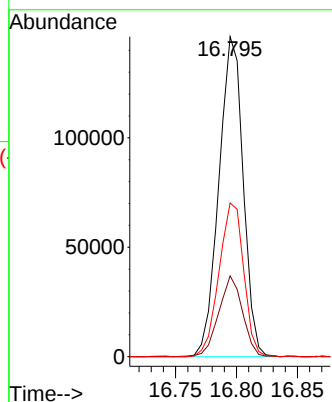
Tgt Ion:200 Resp: 202587

Ion Ratio Lower Upper

200 100

173 25.2 5.2 45.2

215 48.1 28.8 68.8



#70

Pentachlorophenol

Concen: 86.622 ng

RT: 16.977 min Scan# 2381

Delta R.T. -0.003 min

Lab File: BG060808.D

Acq: 6 Apr 2024 12:50

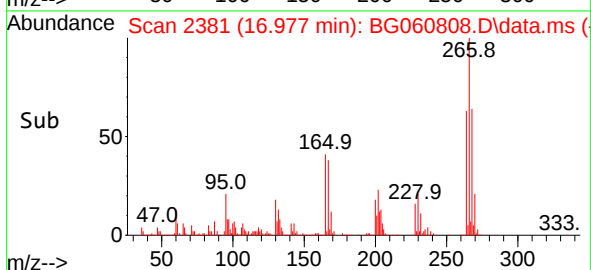
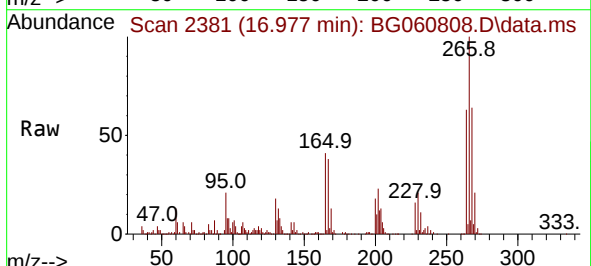
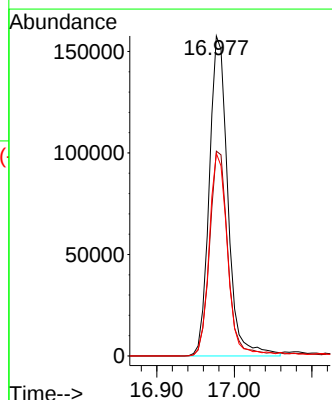
Tgt Ion:266 Resp: 262312

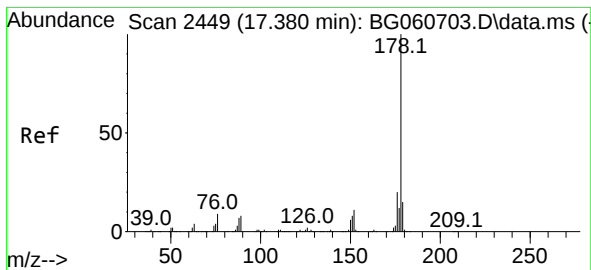
Ion Ratio Lower Upper

266 100

268 64.0 52.2 78.4

264 63.3 51.8 77.6





#71

Phenanthrene

Concen: 45.364 ng

RT: 17.370 min Scan# 2449

Delta R.T. -0.009 min

Lab File: BG060808.D

Acq: 6 Apr 2024 12:50

Instrument :

BNA\_G

ClientSampleId :

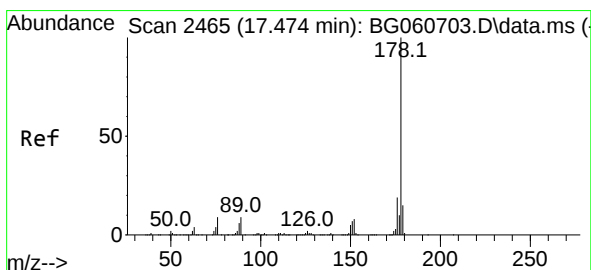
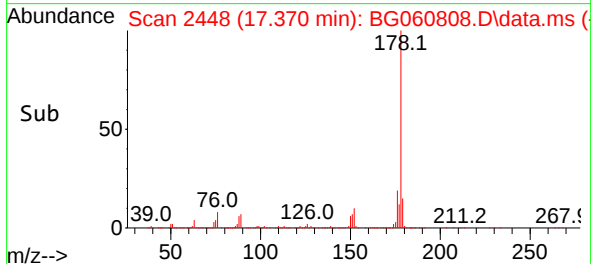
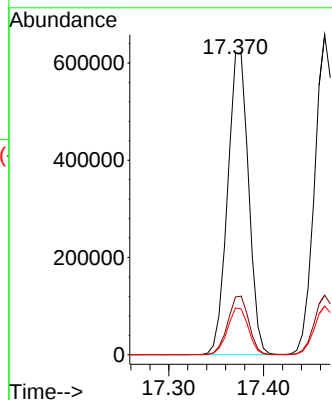
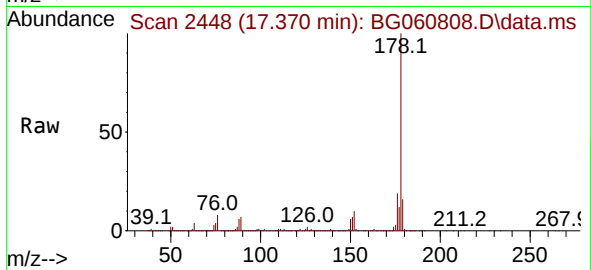
Tgt Ion:178 Resp: 955742

Ion Ratio Lower Upper

178 100

176 19.2 15.8 23.6

179 15.5 12.2 18.4



#72

Anthracene

Concen: 45.778 ng

RT: 17.464 min Scan# 2464

Delta R.T. -0.009 min

Lab File: BG060808.D

Acq: 6 Apr 2024 12:50

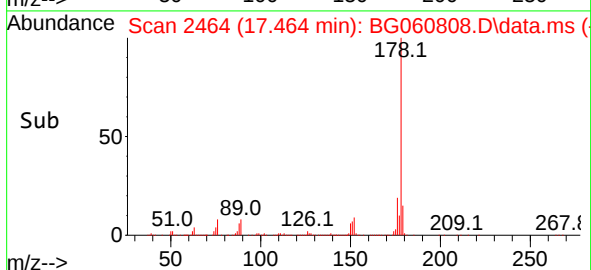
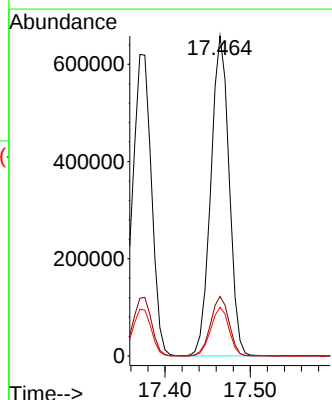
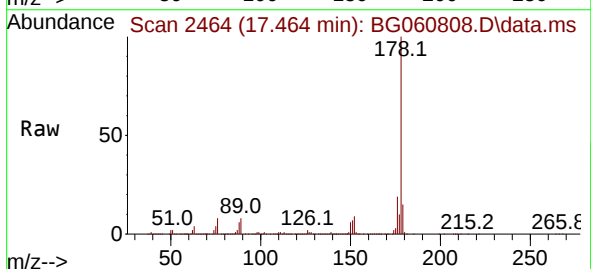
Tgt Ion:178 Resp: 979474

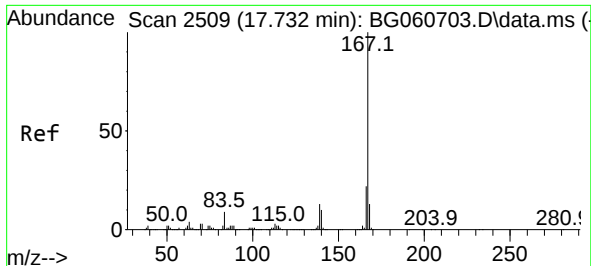
Ion Ratio Lower Upper

178 100

176 18.6 15.5 23.3

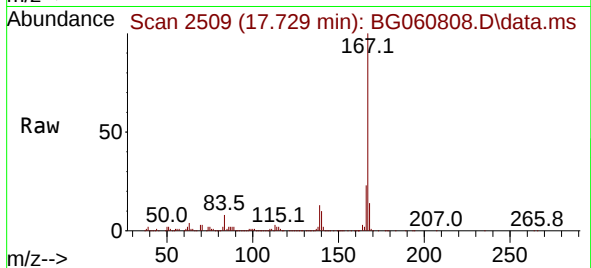
179 15.2 12.2 18.2





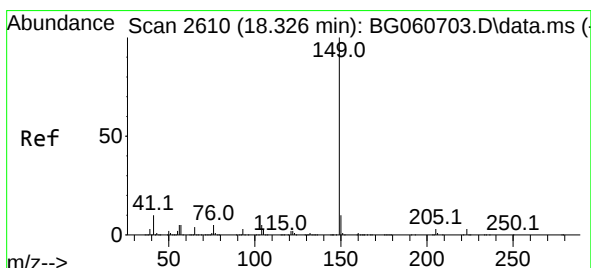
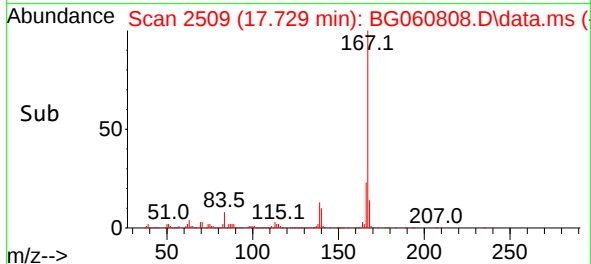
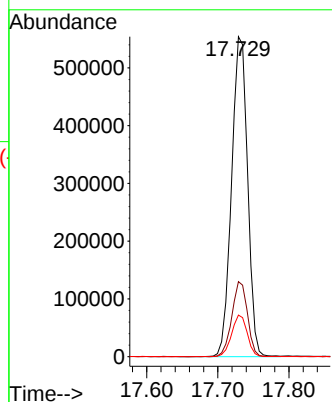
#73  
 Carbazole  
 Concen: 46.040 ng  
 RT: 17.729 min Scan# 21  
 Delta R.T. -0.003 min  
 Lab File: BG060808.D  
 Acq: 6 Apr 2024 12:50

Instrument :  
 BNA\_G  
 ClientSampleId :



Tgt Ion:167 Resp: 868528  

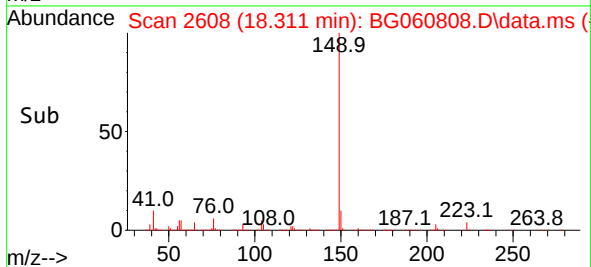
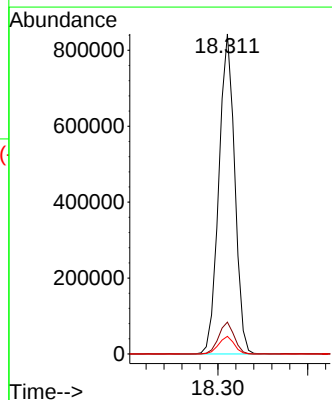
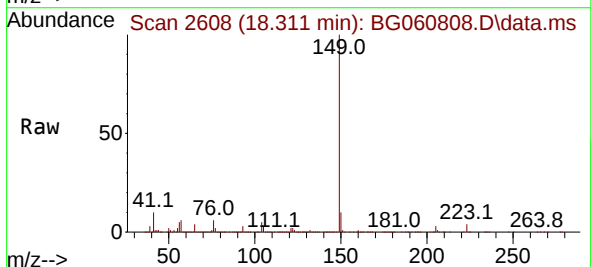
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 167 | 100   |       |       |
| 166 | 23.4  | 18.0  | 27.0  |
| 139 | 13.0  | 10.5  | 15.7  |

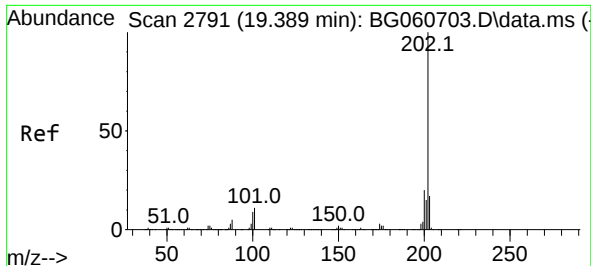


#74  
 Di-n-butylphthalate  
 Concen: 43.944 ng  
 RT: 18.311 min Scan# 2608  
 Delta R.T. -0.015 min  
 Lab File: BG060808.D  
 Acq: 6 Apr 2024 12:50

Tgt Ion:149 Resp: 1033500  

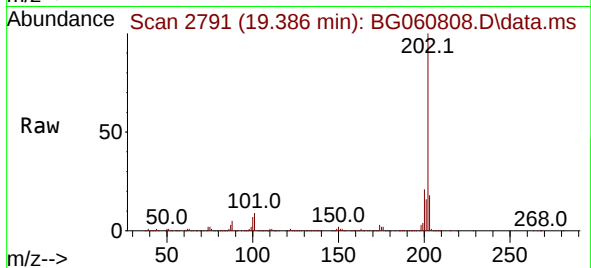
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 150 | 10.0  | 7.7   | 11.5  |
| 104 | 5.5   | 4.2   | 6.4   |



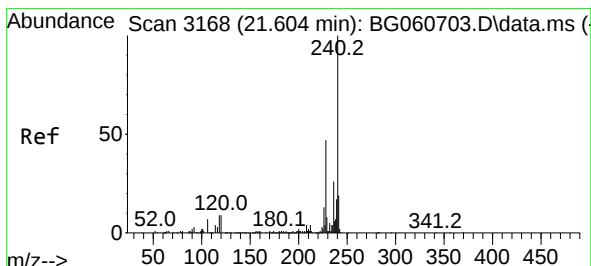
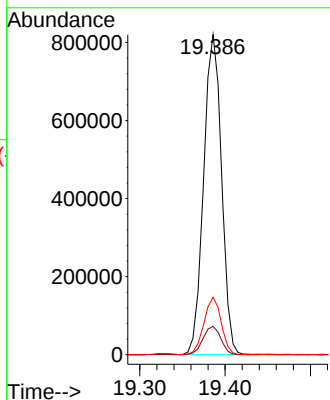
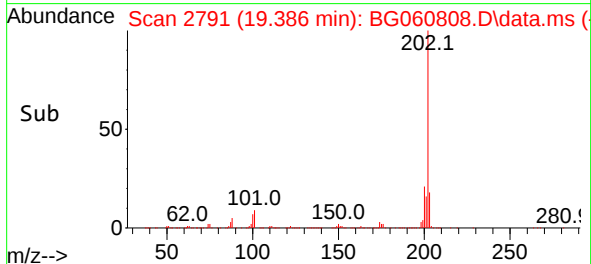


#75  
Fluoranthene  
Concen: 46.747 ng  
RT: 19.386 min Scan# 21  
Delta R.T. -0.003 min  
Lab File: BG060808.D  
Acq: 6 Apr 2024 12:50

Instrument :  
BNA\_G  
ClientSampleId :

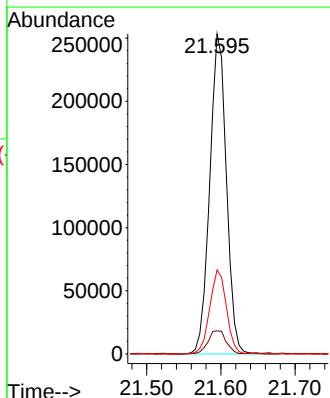
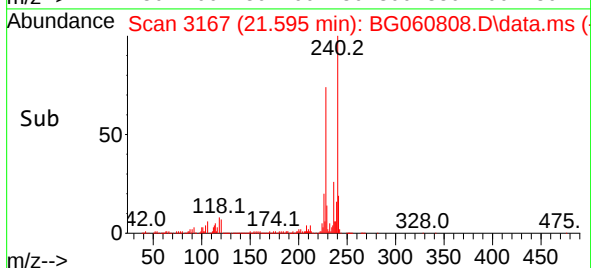
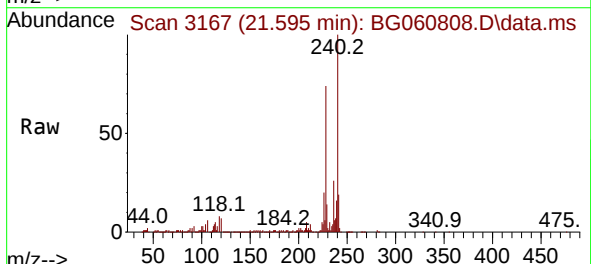


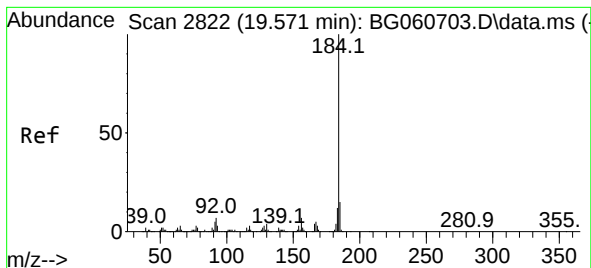
Tgt Ion:202 Resp: 1195097  
Ion Ratio Lower Upper  
202 100  
101 8.9 0.0 30.8  
203 18.0 0.0 37.4



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.595 min Scan# 3167  
Delta R.T. -0.009 min  
Lab File: BG060808.D  
Acq: 6 Apr 2024 12:50

Tgt Ion:240 Resp: 395968  
Ion Ratio Lower Upper  
240 100  
120 7.2 7.1 10.7  
236 26.3 20.7 31.1





#77

Benzidine

Concen: 20.173 ng

RT: 19.562 min Scan# 21

Delta R.T. -0.009 min

Lab File: BG060808.D

Acq: 6 Apr 2024 12:50

Instrument :

BNA\_G

ClientSampleId :

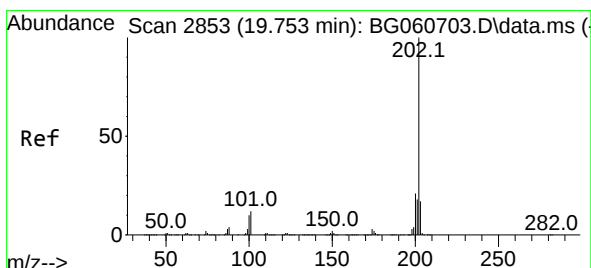
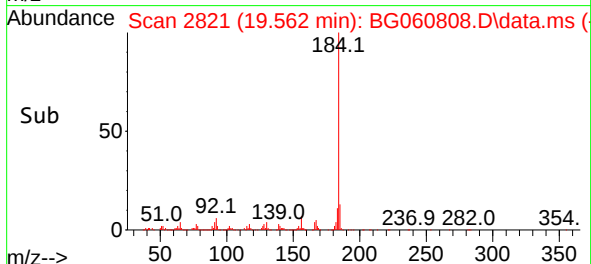
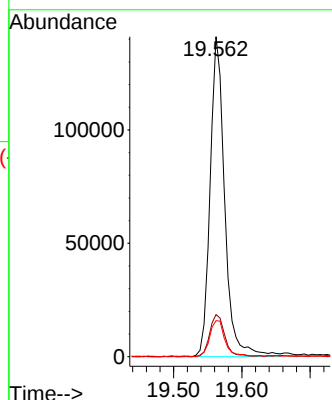
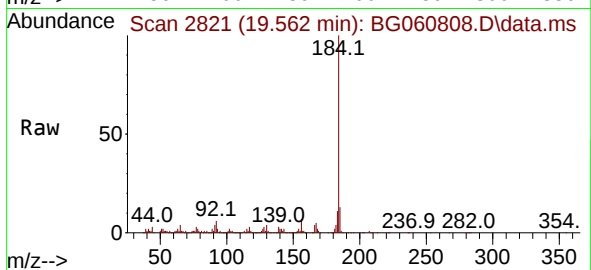
Tgt Ion:184 Resp: 210338

Ion Ratio Lower Upper

184 100

185 13.2 11.8 17.6

183 11.3 9.5 14.3



#78

Pyrene

Concen: 45.031 ng

RT: 19.744 min Scan# 2852

Delta R.T. -0.009 min

Lab File: BG060808.D

Acq: 6 Apr 2024 12:50

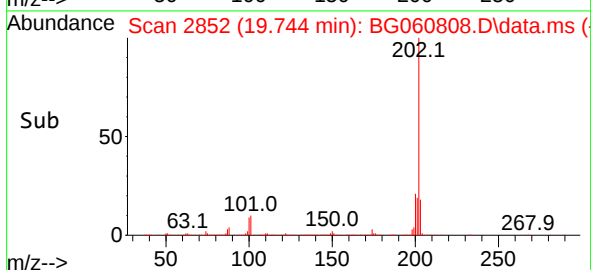
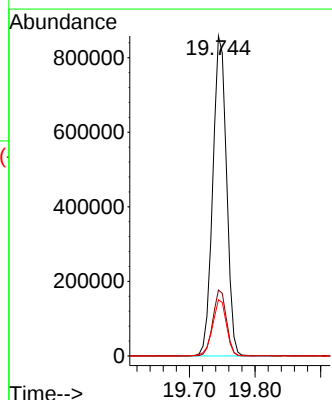
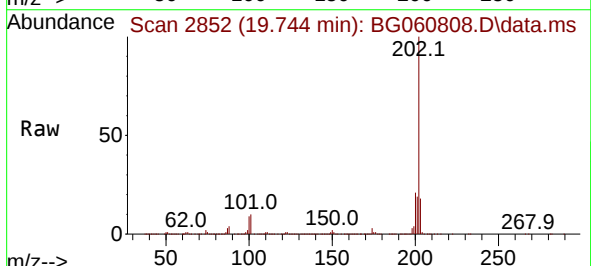
Tgt Ion:202 Resp: 1247057

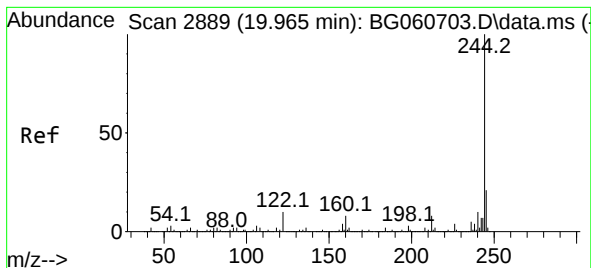
Ion Ratio Lower Upper

202 100

200 20.6 17.0 25.4

203 17.6 14.0 21.0





#79

Terphenyl-d14

Concen: 86.378 ng

RT: 19.956 min Scan# 21

Delta R.T. -0.009 min

Lab File: BG060808.D

Acq: 6 Apr 2024 12:50

Instrument :

BNA\_G

ClientSampleId :

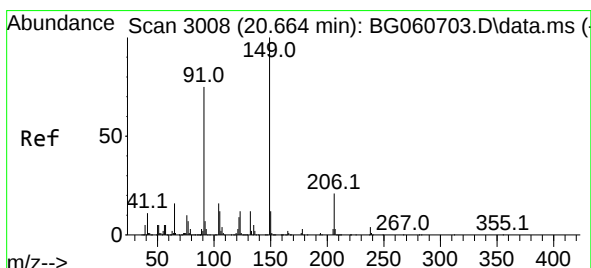
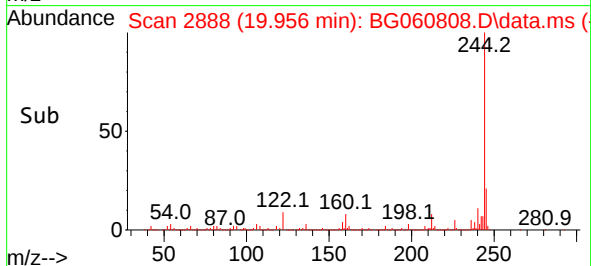
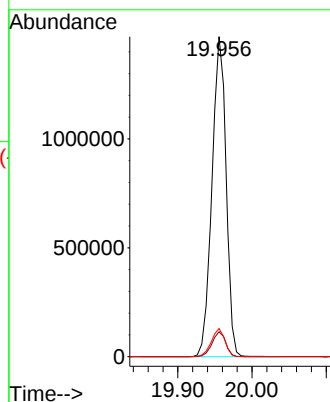
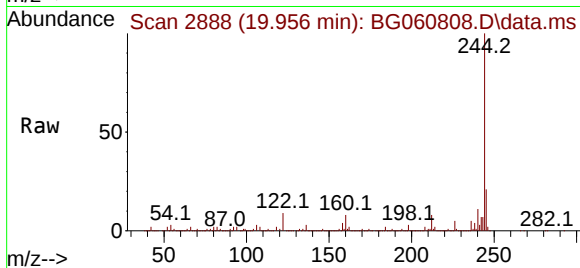
Tgt Ion:244 Resp: 1942417

Ion Ratio Lower Upper

244 100

212 7.8 6.2 9.2

122 8.8 7.8 11.8



#80

Butylbenzylphthalate

Concen: 48.064 ng

RT: 20.655 min Scan# 3007

Delta R.T. -0.009 min

Lab File: BG060808.D

Acq: 6 Apr 2024 12:50

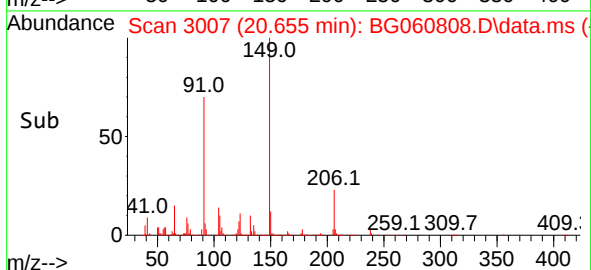
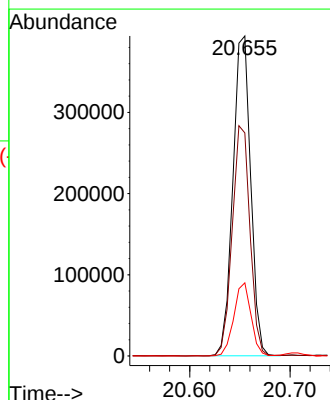
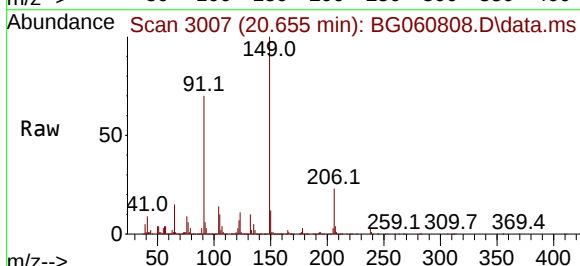
Tgt Ion:149 Resp: 485551

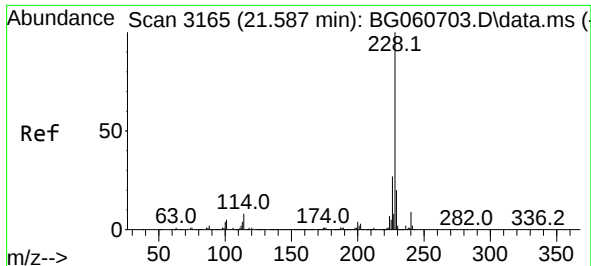
Ion Ratio Lower Upper

149 100

91 69.7 60.1 90.1

206 22.8 16.8 25.2

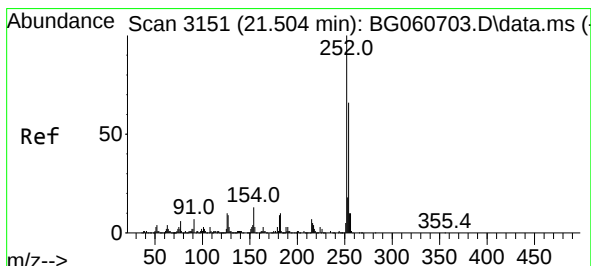
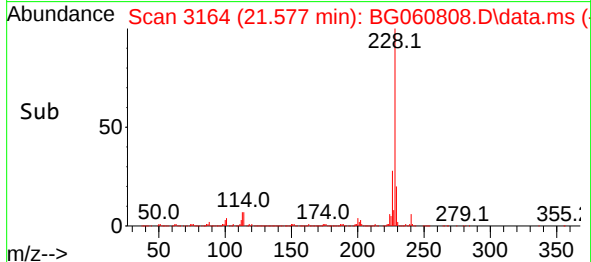
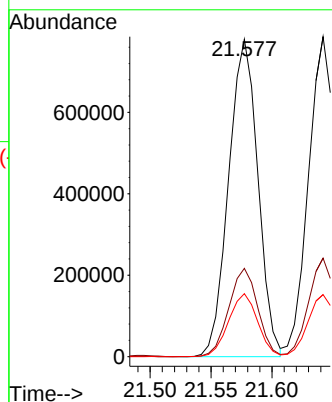
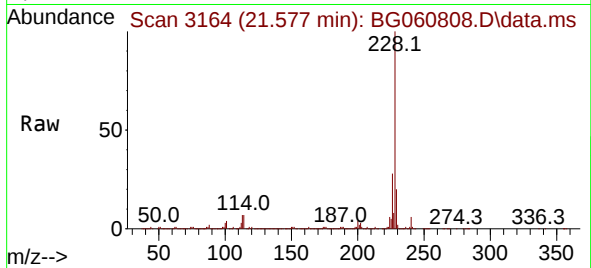




#81  
Benzo(a)anthracene  
Concen: 46.658 ng  
RT: 21.577 min Scan# 3165  
Delta R.T. -0.009 min  
Lab File: BG060808.D  
Acq: 6 Apr 2024 12:50

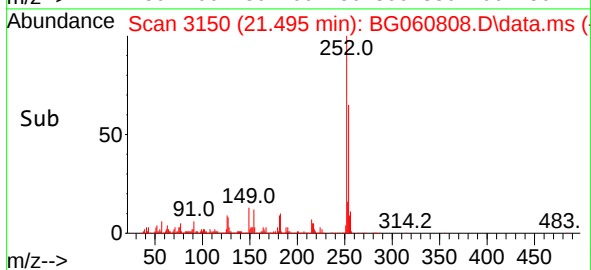
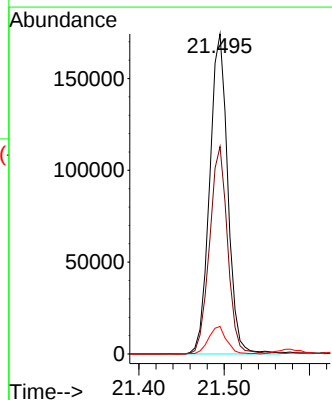
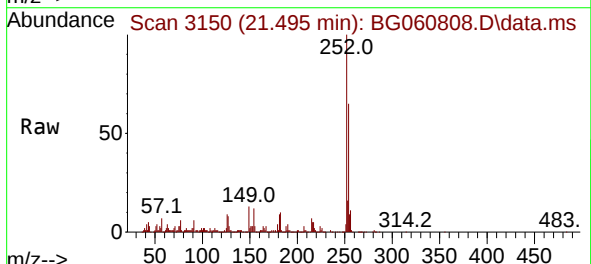
Instrument :  
BNA\_G  
ClientSampleId :

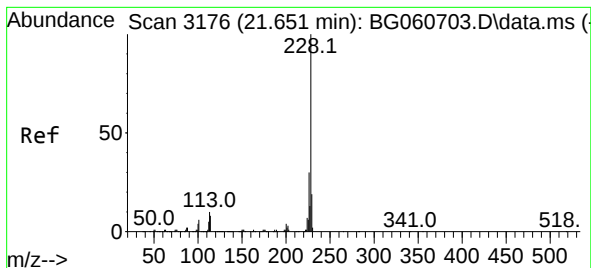
Tgt Ion:228 Resp: 1302285  
Ion Ratio Lower Upper  
228 100  
226 27.8 21.7 32.5  
229 19.8 15.8 23.8



#82  
3,3'-Dichlorobenzidine  
Concen: 27.333 ng  
RT: 21.495 min Scan# 3150  
Delta R.T. -0.009 min  
Lab File: BG060808.D  
Acq: 6 Apr 2024 12:50

Tgt Ion:252 Resp: 257598  
Ion Ratio Lower Upper  
252 100  
254 64.8 52.6 78.8  
126 8.6 7.8 11.8





#83

Chrysene

Concen: 46.065 ng

RT: 21.642 min Scan# 3175

Delta R.T. -0.009 min

Lab File: BG060808.D

Acq: 6 Apr 2024 12:50

Instrument :

BNA\_G

ClientSampleId :

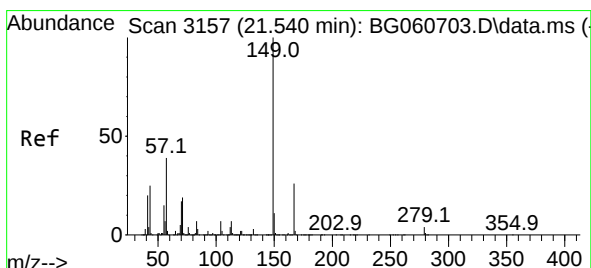
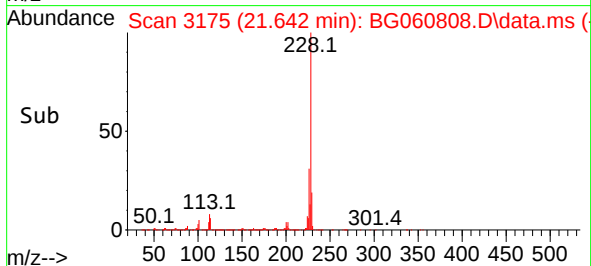
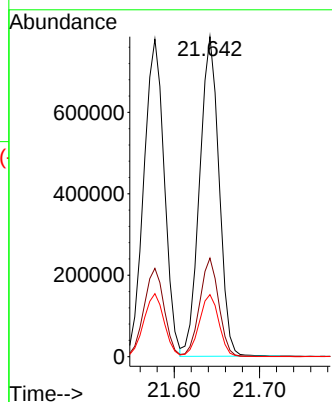
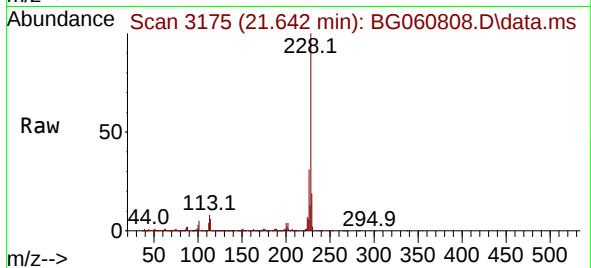
Tgt Ion:228 Resp: 1239278

Ion Ratio Lower Upper

228 100

226 30.8 24.2 36.4

229 19.4 15.5 23.3



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.244 ng

RT: 21.519 min Scan# 3154

Delta R.T. -0.021 min

Lab File: BG060808.D

Acq: 6 Apr 2024 12:50

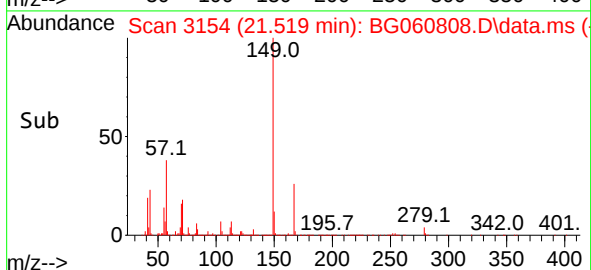
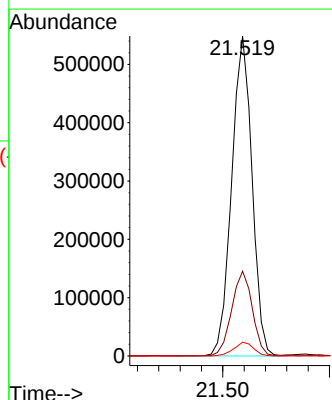
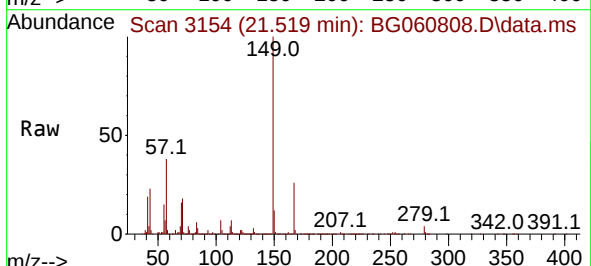
Tgt Ion:149 Resp: 728499

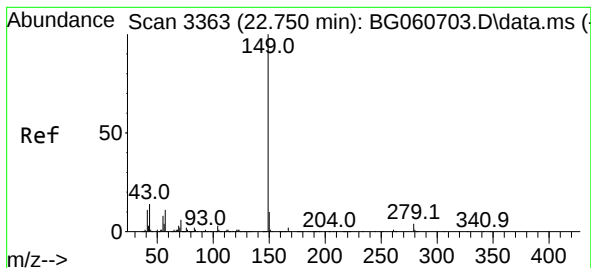
Ion Ratio Lower Upper

149 100

167 26.5 20.6 30.8

279 4.3 3.0 4.4





#85

Di-n-octyl phthalate

Concen: 47.917 ng

RT: 22.717 min Scan# 31

Delta R.T. -0.033 min

Lab File: BG060808.D

Acq: 6 Apr 2024 12:50

Instrument :

BNA\_G

ClientSampleId :

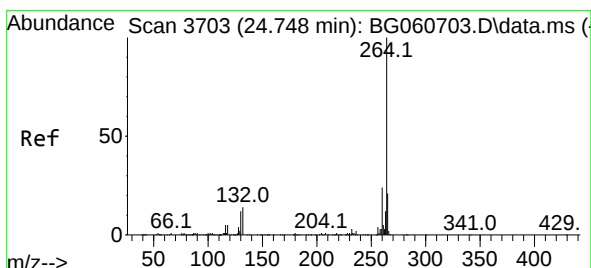
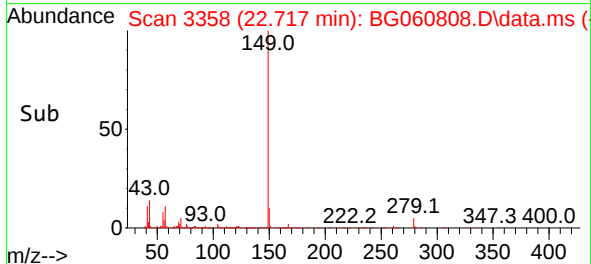
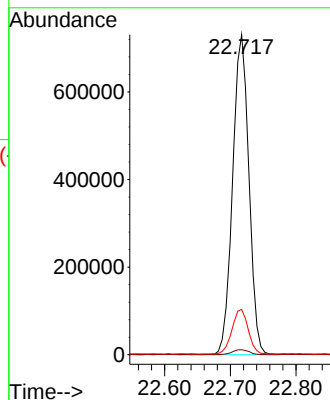
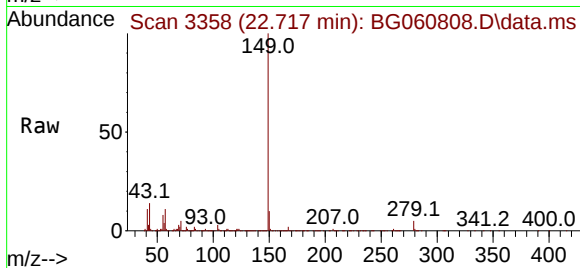
Tgt Ion:149 Resp: 1256909

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 14.0 11.3 16.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.732 min Scan# 3701

Delta R.T. -0.015 min

Lab File: BG060808.D

Acq: 6 Apr 2024 12:50

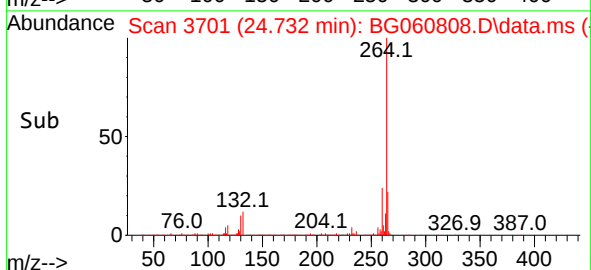
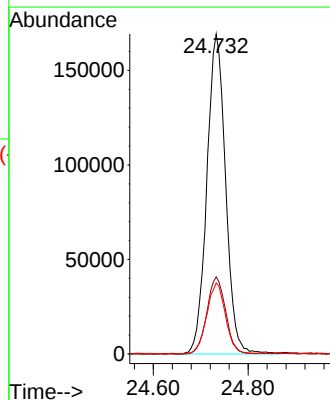
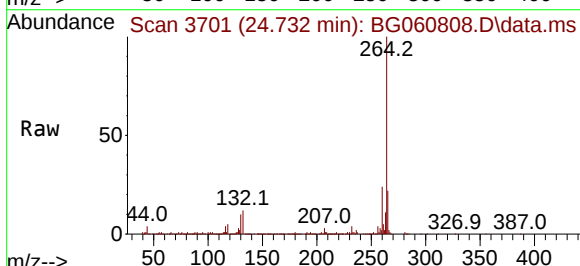
Tgt Ion:264 Resp: 465233

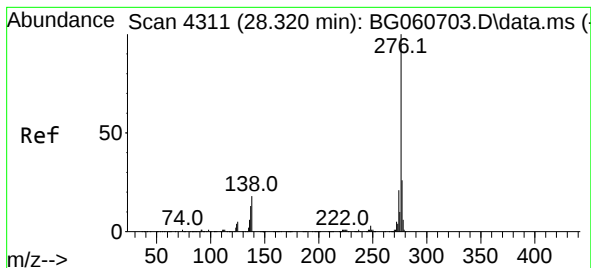
Ion Ratio Lower Upper

264 100

260 24.1 19.5 29.3

265 22.2 16.9 25.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 48.923 ng

RT: 28.299 min Scan# 4311

Delta R.T. -0.021 min

Lab File: BG060808.D

Acq: 6 Apr 2024 12:50

Instrument :

BNA\_G

ClientSampleId :

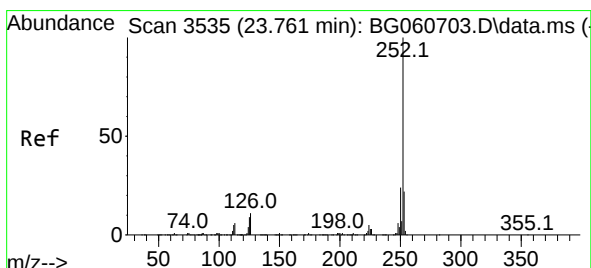
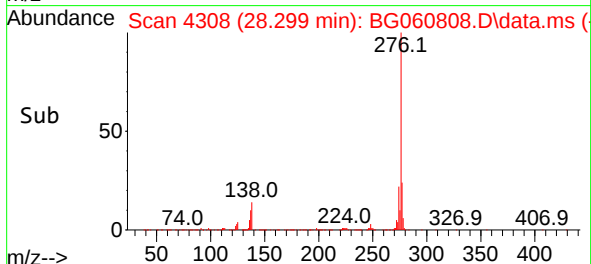
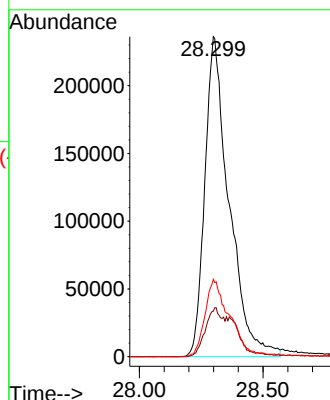
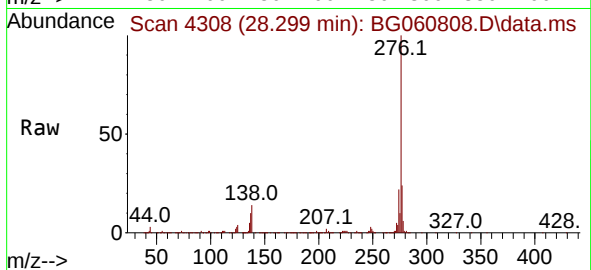
Tgt Ion:276 Resp: 1602819

Ion Ratio Lower Upper

276 100

138 11.0 12.4 18.6#

277 24.8 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 49.325 ng

RT: 23.745 min Scan# 3533

Delta R.T. -0.015 min

Lab File: BG060808.D

Acq: 6 Apr 2024 12:50

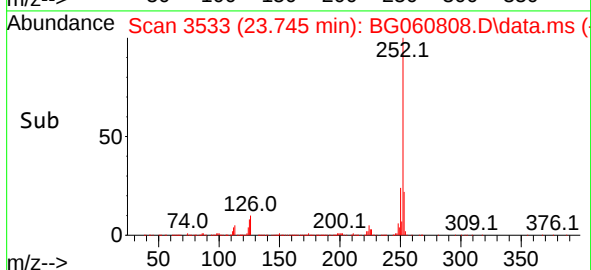
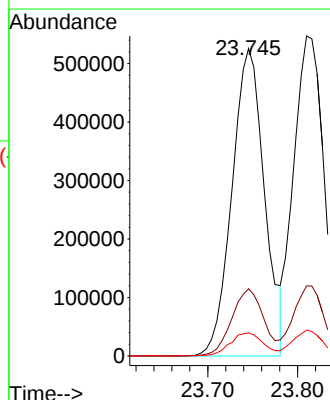
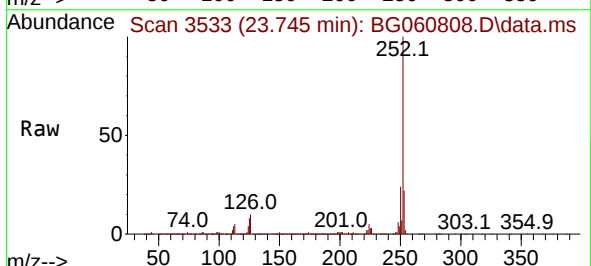
Tgt Ion:252 Resp: 1318333

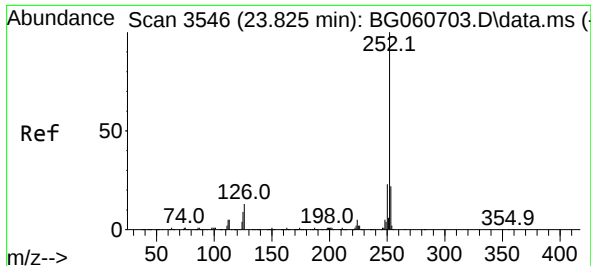
Ion Ratio Lower Upper

252 100

253 21.9 17.8 26.8

125 7.5 7.1 10.7

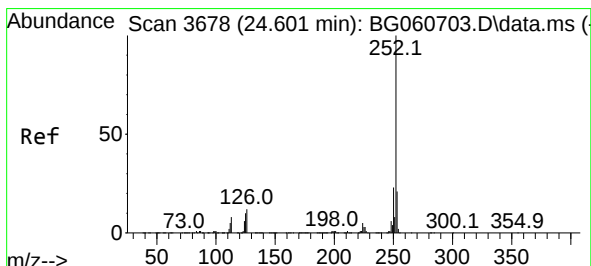
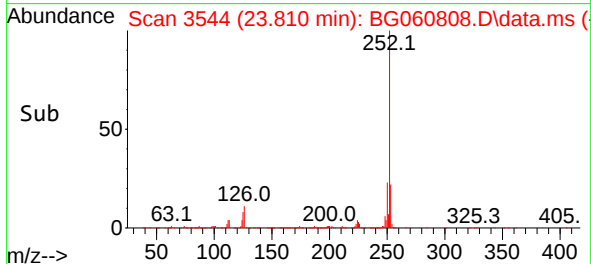
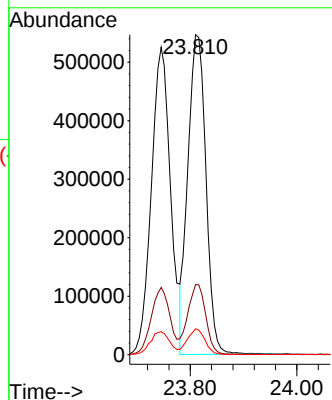
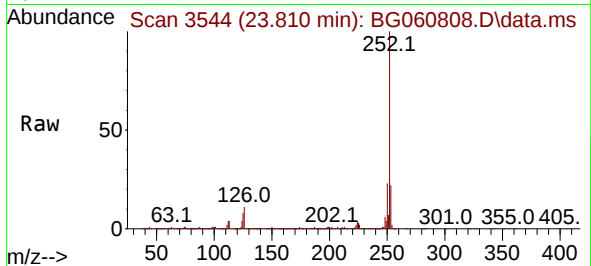




#89  
Benzo(k)fluoranthene  
Concen: 46.961 ng  
RT: 23.810 min Scan# 31  
Delta R.T. -0.015 min  
Lab File: BG060808.D  
Acq: 6 Apr 2024 12:50

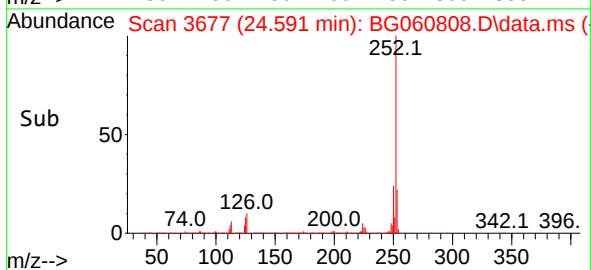
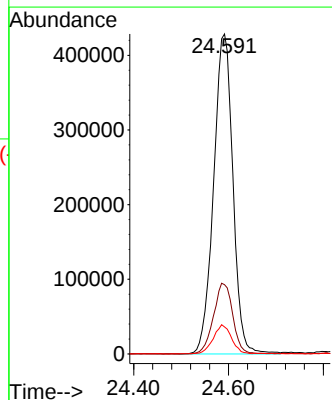
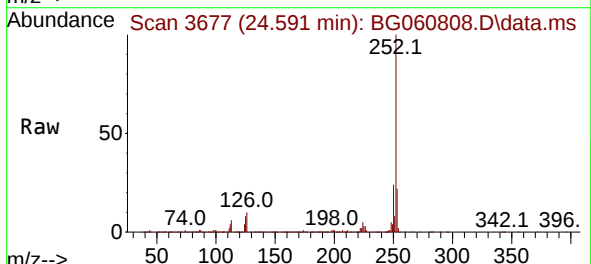
Instrument :  
BNA\_G  
ClientSampleId :

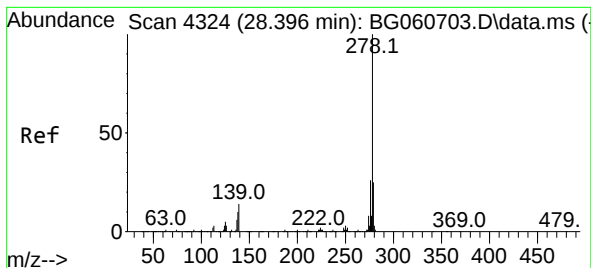
Tgt Ion:252 Resp: 1284684  
Ion Ratio Lower Upper  
252 100  
253 21.9 17.6 26.4  
125 8.1 7.5 11.3



#90  
Benzo(a)pyrene  
Concen: 46.648 ng  
RT: 24.591 min Scan# 3677  
Delta R.T. -0.009 min  
Lab File: BG060808.D  
Acq: 6 Apr 2024 12:50

Tgt Ion:252 Resp: 1211640  
Ion Ratio Lower Upper  
252 100  
253 21.7 16.8 25.2  
125 8.5 7.6 11.4





#91

Dibenzo(a,h)anthracene

Concen: 47.503 ng

RT: 28.369 min Scan# 41

Delta R.T. -0.027 min

Lab File: BG060808.D

Acq: 6 Apr 2024 12:50

Instrument :

BNA\_G

ClientSampleId :

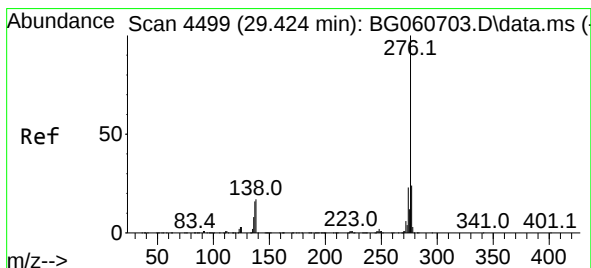
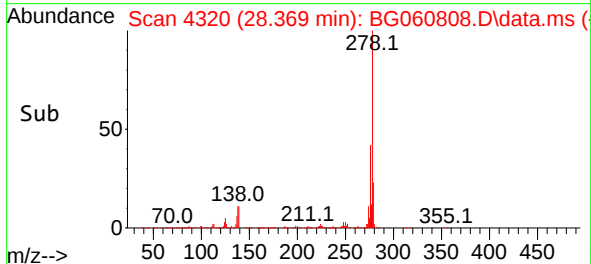
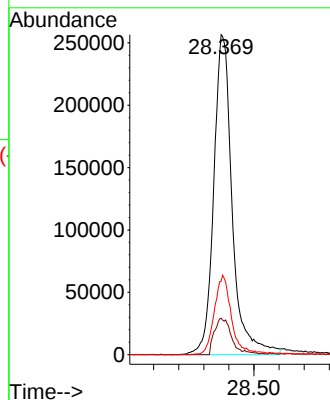
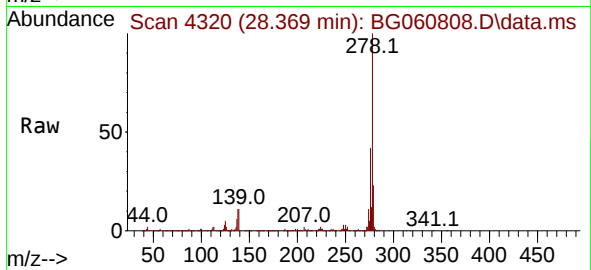
Tgt Ion:278 Resp: 1311916

Ion Ratio Lower Upper

278 100

139 11.4 11.1 16.7

279 22.9 19.8 29.6



#92

Benzo(g,h,i)perylene

Concen: 44.980 ng

RT: 29.409 min Scan# 4497

Delta R.T. -0.015 min

Lab File: BG060808.D

Acq: 6 Apr 2024 12:50

Tgt Ion:276 Resp: 1208395

Ion Ratio Lower Upper

276 100

277 24.3 18.9 28.3

138 16.4 14.0 21.0

