

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG051624\  
 Data File : BG061216.D  
 Acq On : 16 May 2024 11:34  
 Operator : MA/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

Quant Time: May 16 12:07:29 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG043024.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed May 01 05:11:25 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.931  | 152  | 24590    | 20.000 | ng    | -0.03    |
| 21) Naphthalene-d8            | 10.728 | 136  | 96823    | 20.000 | ng    | #-0.03   |
| 39) Acenaphthene-d10          | 14.564 | 164  | 79094    | 20.000 | ng    | -0.02    |
| 64) Phenanthrene-d10          | 17.308 | 188  | 188137   | 20.000 | ng    | -0.02    |
| 76) Chrysene-d12              | 21.574 | 240  | 188841   | 20.000 | ng    | #-0.02   |
| 86) Perylene-d12              | 24.694 | 264  | 221907   | 20.000 | ng    | -0.04    |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.522  | 112  | 97728    | 80.827 | ng    | -0.02    |
| 7) Phenol-d6                  | 7.108  | 99   | 139647   | 78.074 | ng    | -0.02    |
| 23) Nitrobenzene-d5           | 9.088  | 82   | 162070   | 82.978 | ng    | -0.03    |
| 42) 2,4,6-Tribromophenol      | 16.057 | 330  | 108463   | 68.606 | ng    | -0.02    |
| 45) 2-Fluorobiphenyl          | 13.184 | 172  | 430542   | 80.493 | ng    | -0.02    |
| 79) Terphenyl-d14             | 19.929 | 244  | 868774   | 76.514 | ng    | -0.02    |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.442  | 88   | 17647    | 36.097 | ng    | 96       |
| 3) Pyridine                   | 3.830  | 79   | 51095    | 35.518 | ng    | 93       |
| 4) n-Nitrosodimethylamine     | 3.748  | 42   | 46175    | 33.408 | ng    | 97       |
| 6) Aniline                    | 7.255  | 93   | 66349    | 37.418 | ng    | # 96     |
| 8) 2-Chlorophenol             | 7.502  | 128  | 57101    | 38.494 | ng    | 98       |
| 9) Benzaldehyde               | 7.073  | 77   | 42618    | 45.512 | ng    | 96       |
| 10) Phenol                    | 7.138  | 94   | 71413    | 39.260 | ng    | 92       |
| 11) bis(2-Chloroethyl)ether   | 7.355  | 93   | 51312    | 40.834 | ng    | 95       |
| 12) 1,3-Dichlorobenzene       | 7.819  | 146  | 68195    | 38.997 | ng    | 97       |
| 13) 1,4-Dichlorobenzene       | 7.966  | 146  | 69965    | 38.711 | ng    | 95       |
| 14) 1,2-Dichlorobenzene       | 8.283  | 146  | 67263    | 38.574 | ng    | 97       |
| 15) Benzyl Alcohol            | 8.172  | 79   | 60240    | 37.335 | ng    | 96       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.460  | 45   | 116626   | 42.772 | ng    | 99       |
| 17) 2-Methylphenol            | 8.377  | 107  | 50041    | 38.604 | ng    | 97       |
| 18) Hexachloroethane          | 9.006  | 117  | 26568    | 41.197 | ng    | 98       |
| 19) n-Nitroso-di-n-propyla... | 8.730  | 70   | 49203    | 36.758 | ng    | 95       |
| 20) 3+4-Methylphenols         | 8.706  | 107  | 68283    | 36.512 | ng    | 97       |
| 22) Acetophenone              | 8.748  | 105  | 98673    | 40.921 | ng    | 97       |
| 24) Nitrobenzene              | 9.129  | 77   | 80098    | 41.920 | ng    | 98       |
| 25) Isophorone                | 9.652  | 82   | 138438   | 38.344 | ng    | 96       |
| 26) 2-Nitrophenol             | 9.840  | 139  | 37423    | 41.338 | ng    | 96       |
| 27) 2,4-Dimethylphenol        | 9.905  | 122  | 40296    | 38.609 | ng    | 98       |
| 28) bis(2-Chloroethoxy)met... | 10.134 | 93   | 73097    | 41.252 | ng    | 96       |
| 29) 2,4-Dichlorophenol        | 10.381 | 162  | 62261    | 38.073 | ng    | 94       |
| 30) 1,2,4-Trichlorobenzene    | 10.592 | 180  | 79736    | 40.466 | ng    | 98       |
| 31) Naphthalene               | 10.775 | 128  | 199350   | 39.616 | ng    | 99       |
| 32) Benzoic acid              | 10.075 | 122  | 17892    | 14.829 | ng    | 91       |
| 33) 4-Chloroaniline           | 10.886 | 127  | 75637    | 37.689 | ng    | 97       |
| 34) Hexachlorobutadiene       | 11.063 | 225  | 71526    | 42.306 | ng    | 93       |
| 35) Caprolactam               | 11.674 | 113  | 25226    | 42.835 | ng    | 93       |
| 36) 4-Chloro-3-methylphenol   | 12.026 | 107  | 72317    | 36.673 | ng    | 97       |
| 37) 2-Methylnaphthalene       | 12.384 | 142  | 140379   | 37.227 | ng    | 99       |
| 38) 1-Methylnaphthalene       | 12.384 | 142  | 140379   | 36.979 | ng    | 95       |
| 40) 1,2,4,5-Tetrachloroben... | 12.755 | 216  | 111416   | 42.209 | ng    | 98       |
| 41) Hexachlorocyclopentadiene | 12.731 | 237  | 43339    | 42.890 | ng    | 95       |
| 43) 2,4,6-Trichlorophenol     | 13.001 | 196  | 63398    | 37.411 | ng    | 93       |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG051624\  
 Data File : BG061216.D  
 Acq On : 16 May 2024 11:34  
 Operator : MA/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

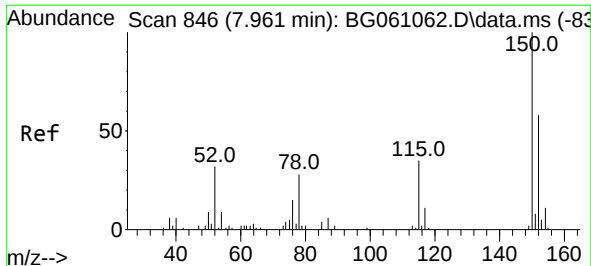
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 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

Quant Time: May 16 12:07:29 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG043024.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed May 01 05:11:25 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 13.084 | 196  | 69996    | 36.495 | ng    | 97       |
| 46) 1,1'-Biphenyl             | 13.395 | 154  | 202722   | 39.974 | ng    | 96       |
| 47) 2-Chloronaphthalene       | 13.436 | 162  | 162385   | 39.987 | ng    | 98       |
| 48) 2-Nitroaniline            | 13.642 | 65   | 59618    | 39.563 | ng    | 97       |
| 49) Acenaphthylene            | 14.282 | 152  | 244030   | 39.125 | ng    | 100      |
| 50) Dimethylphthalate         | 14.018 | 163  | 226640   | 37.098 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 14.141 | 165  | 49569    | 37.934 | ng    | 98       |
| 52) Acenaphthene              | 14.629 | 154  | 150578   | 38.700 | ng    | 99       |
| 53) 3-Nitroaniline            | 14.470 | 138  | 44502    | 37.220 | ng #  | 94       |
| 54) 2,4-Dinitrophenol         | 14.688 | 184  | 31932    | 35.729 | ng    | 94       |
| 55) Dibenzofuran              | 14.964 | 168  | 251072   | 38.203 | ng    | 98       |
| 56) 4-Nitrophenol             | 14.799 | 139  | 36569    | 37.846 | ng    | 89       |
| 57) 2,4-Dinitrotoluene        | 14.934 | 165  | 72322    | 37.409 | ng    | 93       |
| 58) Fluorene                  | 15.610 | 166  | 210289   | 36.978 | ng    | 97       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.193 | 232  | 67443    | 34.160 | ng    | 97       |
| 60) Diethylphthalate          | 15.381 | 149  | 221783   | 36.000 | ng    | 98       |
| 61) 4-Chlorophenyl-phenyle... | 15.604 | 204  | 127918   | 37.461 | ng    | 97       |
| 62) 4-Nitroaniline            | 15.634 | 138  | 46866    | 36.141 | ng    | 92       |
| 63) Azobenzene                | 15.898 | 77   | 185440   | 38.668 | ng    | 96       |
| 65) 4,6-Dinitro-2-methylph... | 15.704 | 198  | 45488    | 38.969 | ng    | 99       |
| 66) n-Nitrosodiphenylamine    | 15.822 | 169  | 186391   | 39.951 | ng    | 98       |
| 67) 4-Bromophenyl-phenylether | 16.497 | 248  | 90248    | 40.720 | ng    | 96       |
| 68) Hexachlorobenzene         | 16.621 | 284  | 109714   | 39.773 | ng    | 97       |
| 69) Atrazine                  | 16.768 | 200  | 66703    | 34.668 | ng    | 95       |
| 70) Pentachlorophenol         | 16.967 | 266  | 57272    | 33.795 | ng    | 96       |
| 71) Phenanthrene              | 17.355 | 178  | 331549   | 38.541 | ng    | 99       |
| 72) Anthracene                | 17.443 | 178  | 332294   | 38.712 | ng    | 98       |
| 73) Carbazole                 | 17.714 | 167  | 292375   | 38.740 | ng    | 99       |
| 74) Di-n-butylphthalate       | 18.272 | 149  | 352897   | 39.323 | ng    | 100      |
| 75) Fluoranthene              | 19.365 | 202  | 450590   | 38.234 | ng    | 98       |
| 77) Benzidine                 | 19.547 | 184  | 119330   | 34.069 | ng    | 99       |
| 78) Pyrene                    | 19.729 | 202  | 465221   | 38.750 | ng    | 99       |
| 80) Butylbenzylphthalate      | 20.616 | 149  | 151920   | 39.975 | ng    | 97       |
| 81) Benzo(a)anthracene        | 21.550 | 228  | 475159   | 38.452 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 21.468 | 252  | 166464   | 37.432 | ng    | 96       |
| 83) Chrysene                  | 21.615 | 228  | 446477   | 38.564 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 21.462 | 149  | 204722   | 41.253 | ng    | 100      |
| 85) Di-n-octyl phthalate      | 22.643 | 149  | 349078   | 39.870 | ng    | 97       |
| 87) Indeno(1,2,3-cd)pyrene    | 28.248 | 276  | 570118   | 38.767 | ng #  | 99       |
| 88) Benzo(b)fluoranthene      | 23.707 | 252  | 461096   | 37.184 | ng    | 98       |
| 89) Benzo(k)fluoranthene      | 23.777 | 252  | 472541   | 39.611 | ng    | 97       |
| 90) Benzo(a)pyrene            | 24.547 | 252  | 414479   | 38.366 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 28.301 | 278  | 472998   | 38.838 | ng #  | 97       |
| 92) Benzo(g,h,i)perylene      | 29.359 | 276  | 464788   | 38.404 | ng #  | 98       |

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

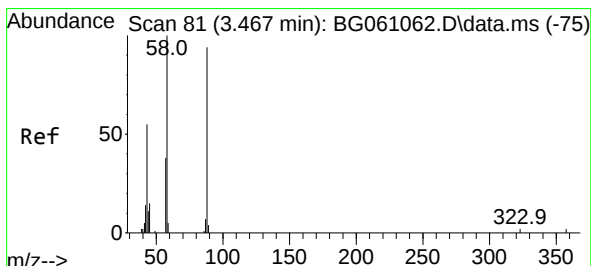
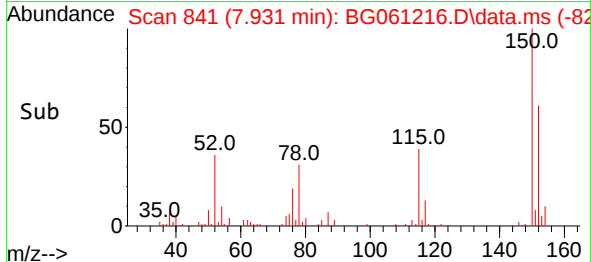
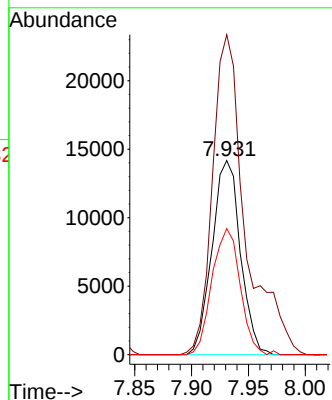
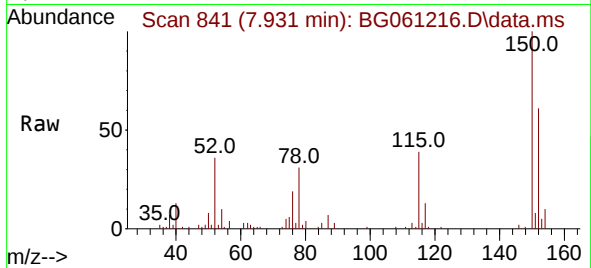




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 7.931 min Scan# 84  
 Delta R.T. -0.030 min  
 Lab File: BG061216.D  
 Acq: 16 May 2024 11:34

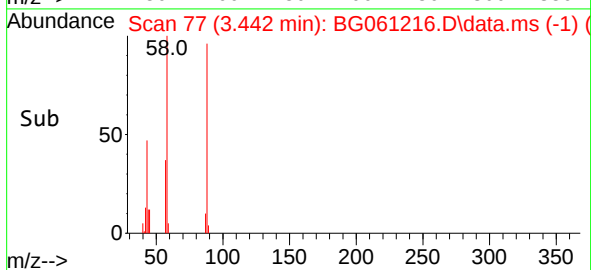
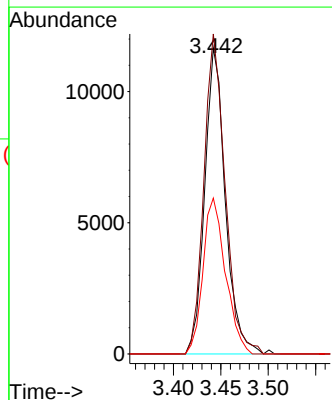
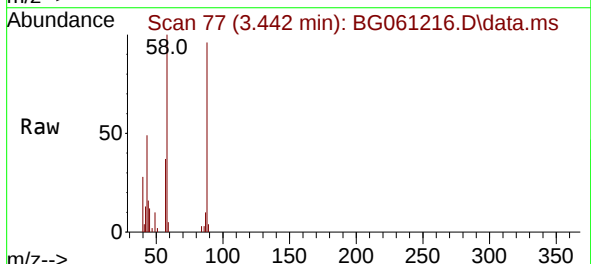
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

Tgt Ion:152 Resp: 24590  
 Ion Ratio Lower Upper  
 152 100  
 150 164.9 138.3 207.5  
 115 64.9 48.0 72.0



#2  
 1,4-Dioxane  
 Concen: 36.097 ng  
 RT: 3.442 min Scan# 77  
 Delta R.T. -0.025 min  
 Lab File: BG061216.D  
 Acq: 16 May 2024 11:34

Tgt Ion: 88 Resp: 17647  
 Ion Ratio Lower Upper  
 88 100  
 58 107.0 81.2 121.8  
 43 55.4 45.0 67.4

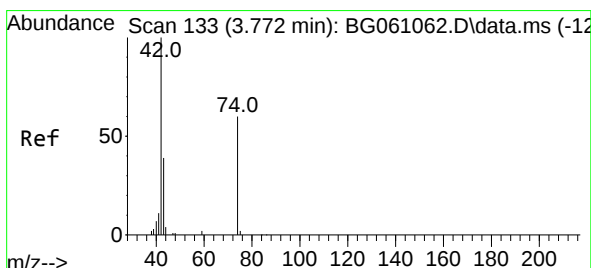
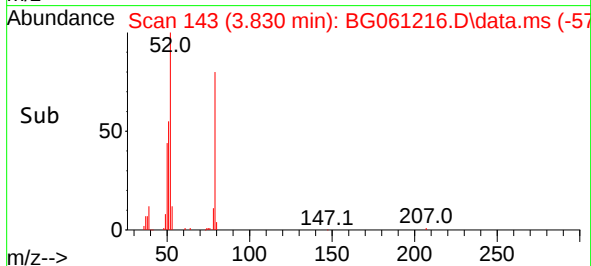
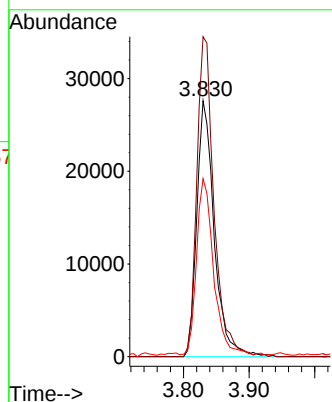
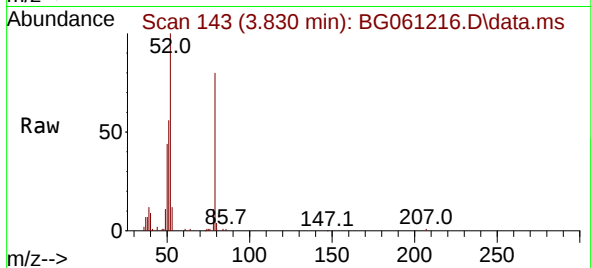




#3  
Pyridine  
Concen: 35.518 ng  
RT: 3.830 min Scan# 14  
Delta R.T. -0.025 min  
Lab File: BG061216.D  
Acq: 16 May 2024 11:34

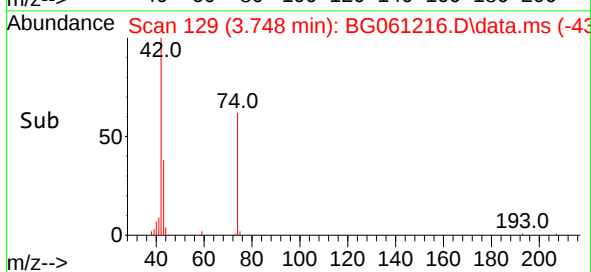
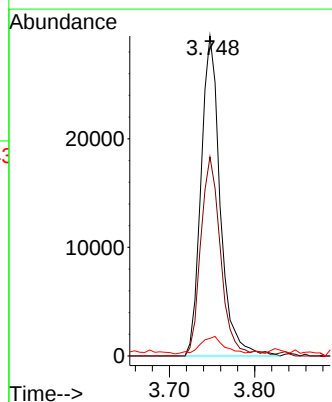
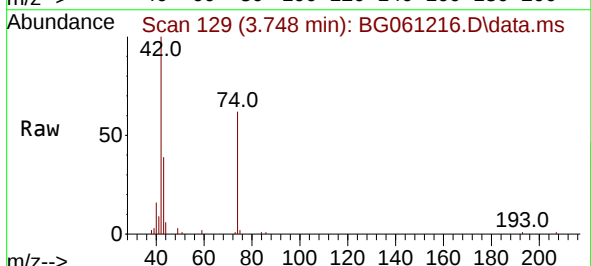
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BNA\_G  
ClientSampleId :  
SSTDCCC040

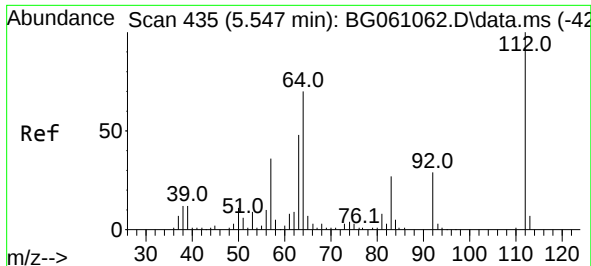
Tgt Ion: 79 Resp: 51095  
Ion Ratio Lower Upper  
79 100  
52 125.1 91.6 137.4  
51 69.6 57.0 85.4



#4  
n-Nitrosodimethylamine  
Concen: 33.408 ng  
RT: 3.748 min Scan# 129  
Delta R.T. -0.025 min  
Lab File: BG061216.D  
Acq: 16 May 2024 11:34

Tgt Ion: 42 Resp: 46175  
Ion Ratio Lower Upper  
42 100  
74 62.2 47.8 71.8  
44 5.5 4.7 7.1

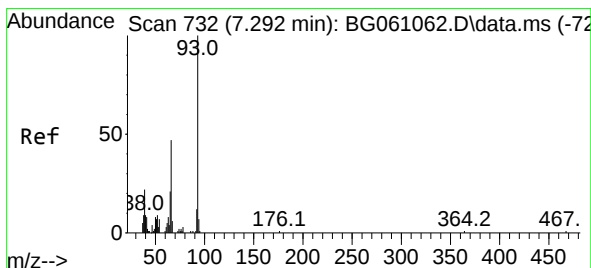
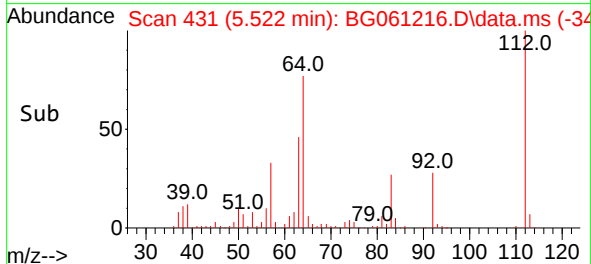
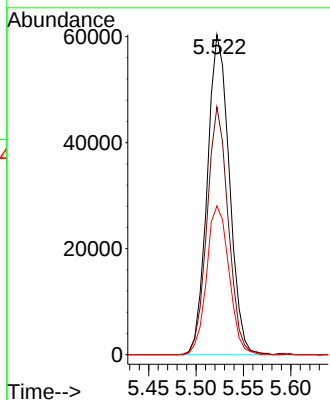
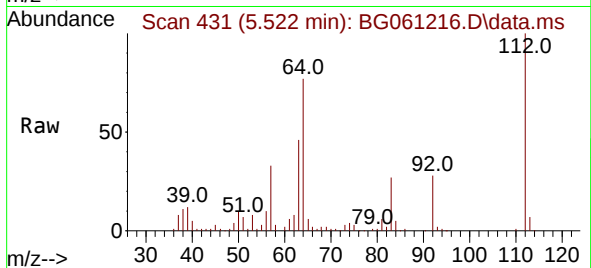




#5  
2-Fluorophenol  
Concen: 80.827 ng  
RT: 5.522 min Scan# 411  
Delta R.T. -0.025 min  
Lab File: BG061216.D  
Acq: 16 May 2024 11:34

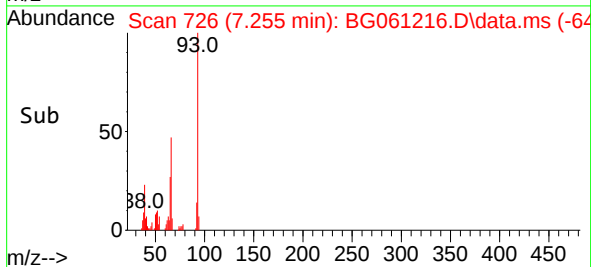
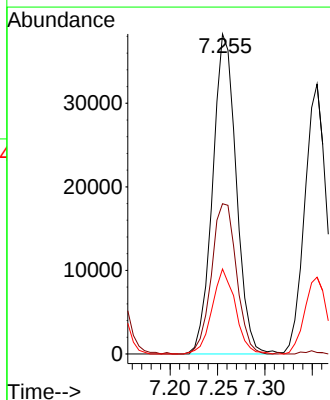
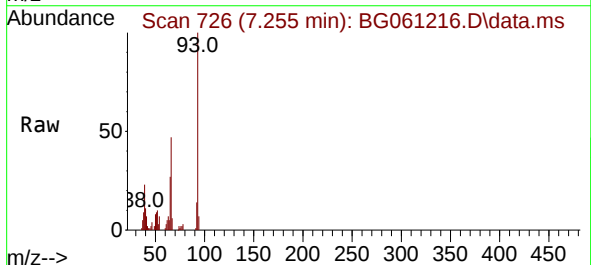
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

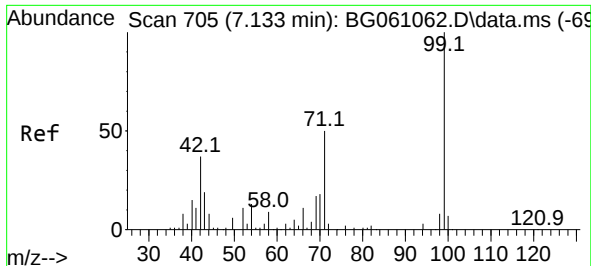
Tgt Ion:112 Resp: 97728  
Ion Ratio Lower Upper  
112 100  
64 77.4 55.7 83.5  
63 46.4 38.1 57.1



#6  
Aniline  
Concen: 37.418 ng  
RT: 7.255 min Scan# 726  
Delta R.T. -0.036 min  
Lab File: BG061216.D  
Acq: 16 May 2024 11:34

Tgt Ion: 93 Resp: 66349  
Ion Ratio Lower Upper  
93 100  
66 47.0 37.4 56.0  
65 26.6 16.6 24.8#

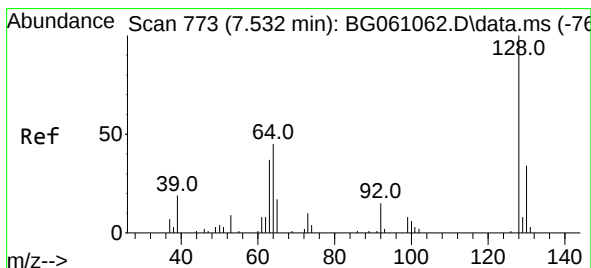
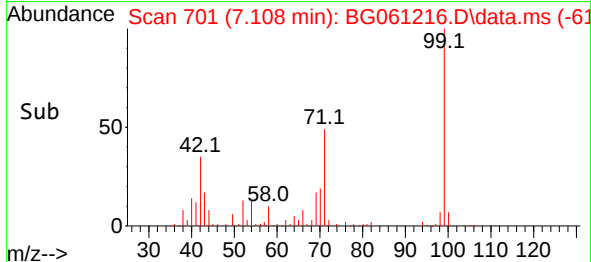
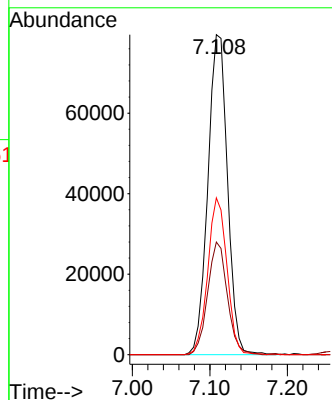
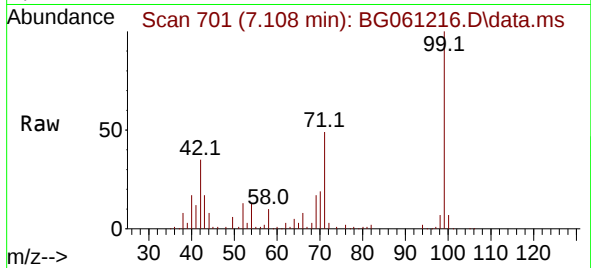




#7  
Phenol-d6  
Concen: 78.074 ng  
RT: 7.108 min Scan# 705  
Delta R.T. -0.025 min  
Lab File: BG061216.D  
Acq: 16 May 2024 11:34

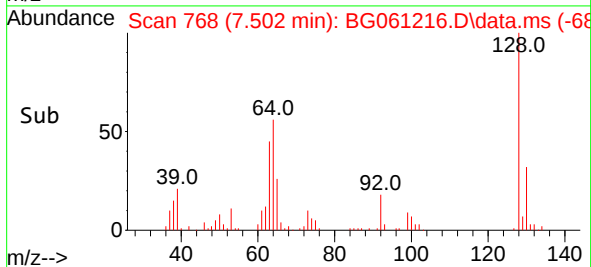
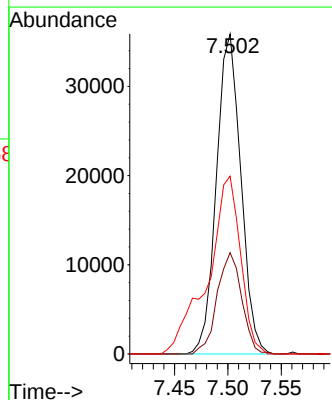
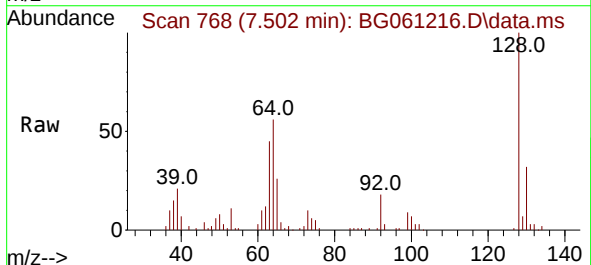
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

Tgt Ion: 99 Resp: 139647  
Ion Ratio Lower Upper  
99 100  
42 35.2 29.2 43.8  
71 49.0 39.7 59.5



#8  
2-Chlorophenol  
Concen: 38.494 ng  
RT: 7.502 min Scan# 768  
Delta R.T. -0.030 min  
Lab File: BG061216.D  
Acq: 16 May 2024 11:34

Tgt Ion: 128 Resp: 57101  
Ion Ratio Lower Upper  
128 100  
130 31.6 14.1 54.1  
64 55.6 34.8 74.8

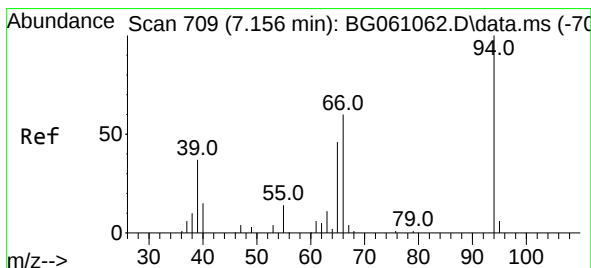
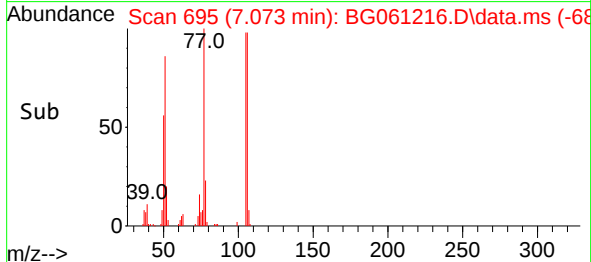
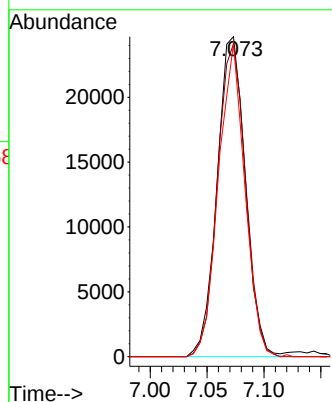
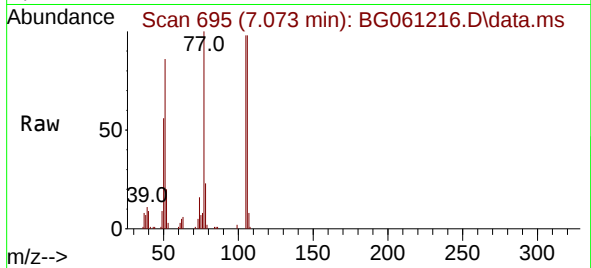




#9  
Benzaldehyde  
Concen: 45.512 ng  
RT: 7.073 min Scan# 61  
Delta R.T. -0.031 min  
Lab File: BG061216.D  
Acq: 16 May 2024 11:34

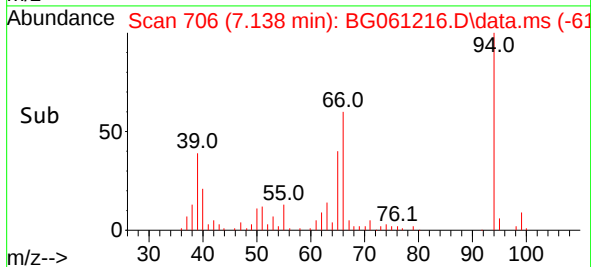
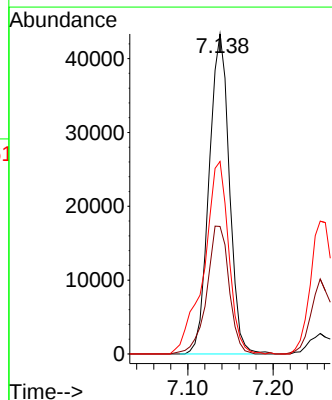
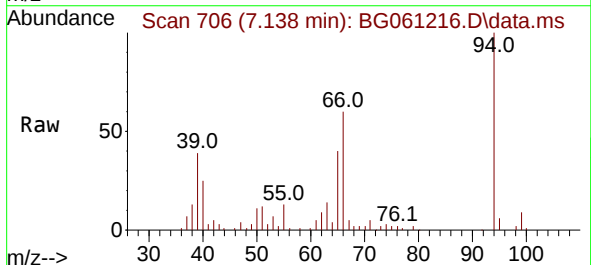
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

Tgt Ion: 77 Resp: 42618  
Ion Ratio Lower Upper  
77 100  
105 97.7 76.0 116.0  
106 97.9 72.3 112.3



#10  
Phenol  
Concen: 39.260 ng  
RT: 7.138 min Scan# 706  
Delta R.T. -0.019 min  
Lab File: BG061216.D  
Acq: 16 May 2024 11:34

Tgt Ion: 94 Resp: 71413  
Ion Ratio Lower Upper  
94 100  
65 39.8 26.8 66.8  
66 60.2 44.7 84.7

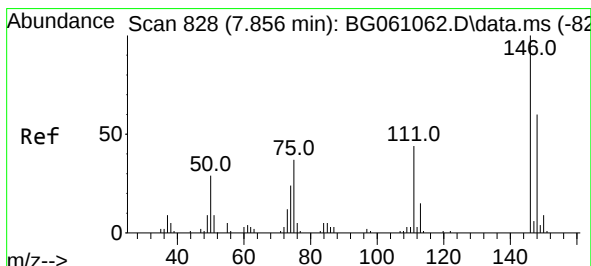
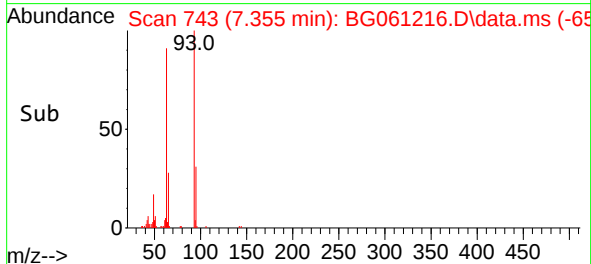
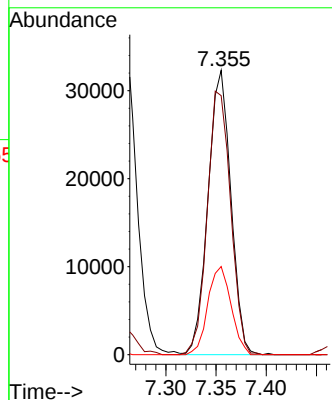
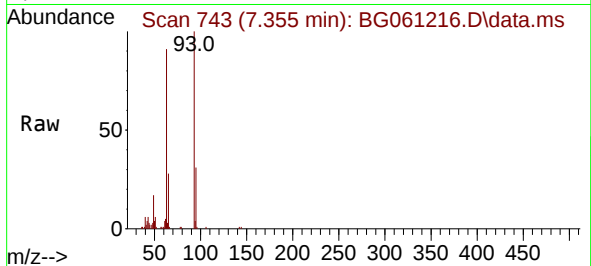




#11  
bis(2-Chloroethyl)ether  
Concen: 40.834 ng  
RT: 7.355 min Scan# 748  
Delta R.T. -0.030 min  
Lab File: BG061216.D  
Acq: 16 May 2024 11:34

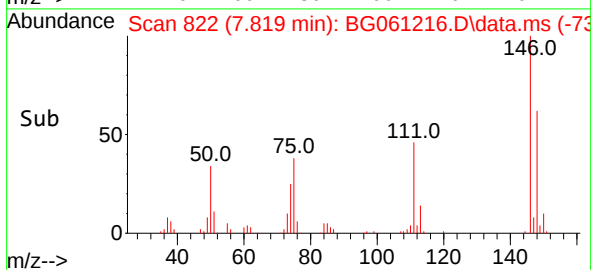
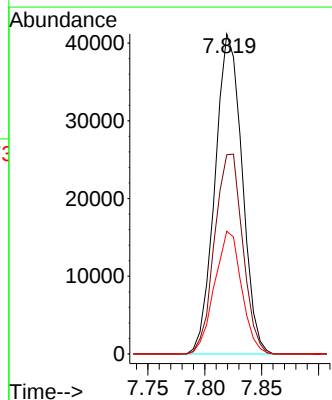
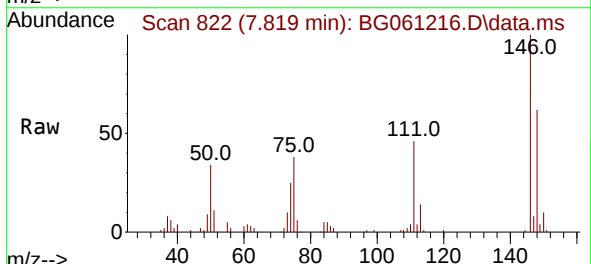
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

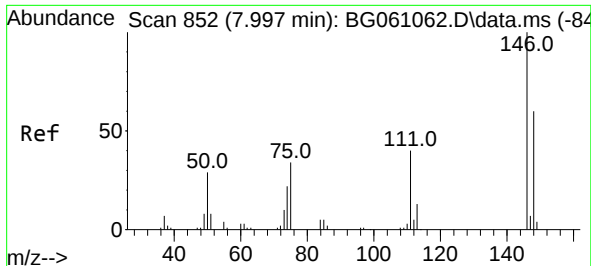
Tgt Ion: 93 Resp: 51312  
Ion Ratio Lower Upper  
93 100  
63 91.1 76.8 116.8  
95 31.0 13.6 53.6



#12  
1,3-Dichlorobenzene  
Concen: 38.997 ng  
RT: 7.819 min Scan# 822  
Delta R.T. -0.036 min  
Lab File: BG061216.D  
Acq: 16 May 2024 11:34

Tgt Ion:146 Resp: 68195  
Ion Ratio Lower Upper  
146 100  
148 62.3 48.0 72.0  
75 38.4 29.5 44.3

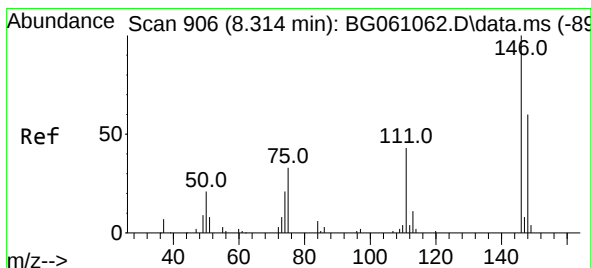
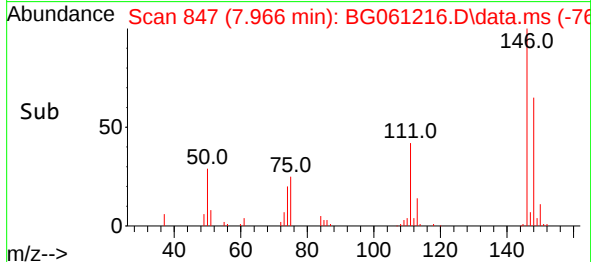
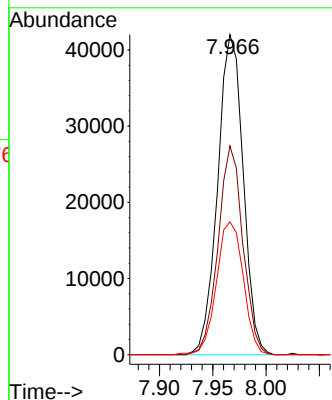
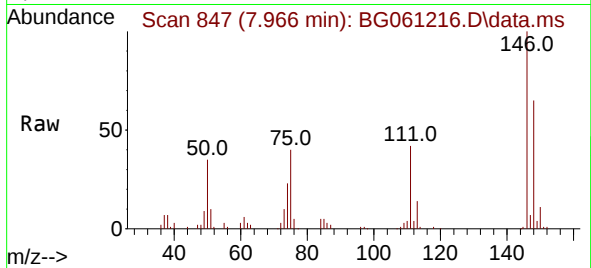




#13  
1,4-Dichlorobenzene  
Concen: 38.711 ng  
RT: 7.966 min Scan# 847  
Delta R.T. -0.030 min  
Lab File: BG061216.D  
Acq: 16 May 2024 11:34

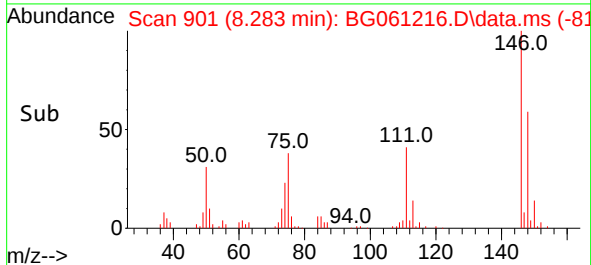
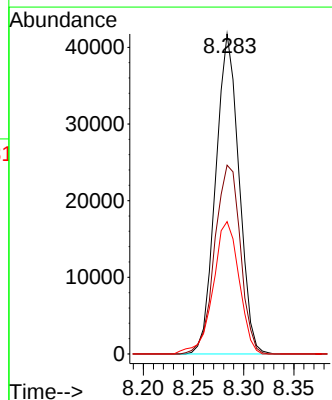
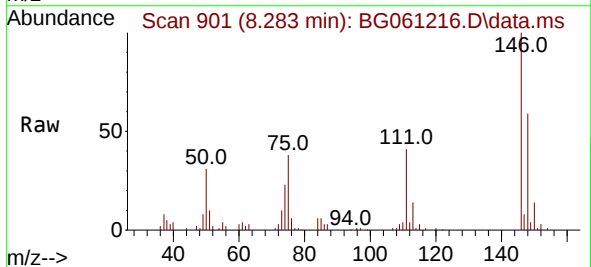
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SSTDCCC040

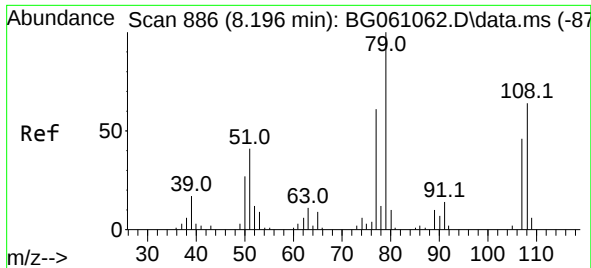
Tgt Ion:146 Resp: 69965  
Ion Ratio Lower Upper  
146 100  
148 65.2 48.1 72.1  
111 41.5 32.5 48.7



#14  
1,2-Dichlorobenzene  
Concen: 38.574 ng  
RT: 8.283 min Scan# 901  
Delta R.T. -0.030 min  
Lab File: BG061216.D  
Acq: 16 May 2024 11:34

Tgt Ion:146 Resp: 67263  
Ion Ratio Lower Upper  
146 100  
148 59.0 48.2 72.2  
111 41.4 36.2 54.2





#15  
Benzyl Alcohol  
Concen: 37.335 ng  
RT: 8.172 min Scan# 811  
Delta R.T. -0.025 min  
Lab File: BG061216.D  
Acq: 16 May 2024 11:34

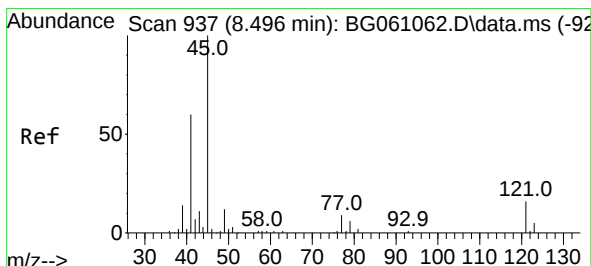
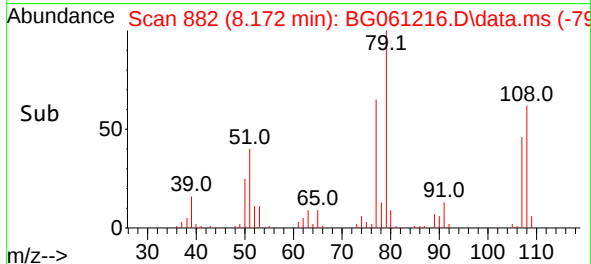
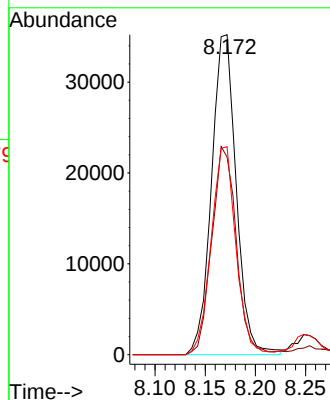
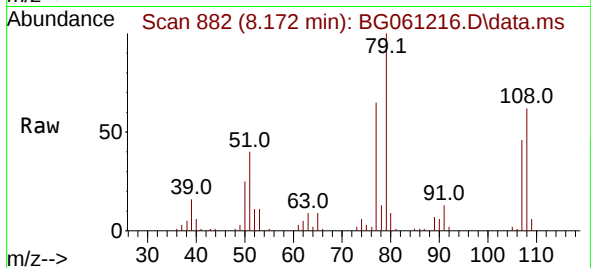
Instrument :

BNA\_G

ClientSampleId :

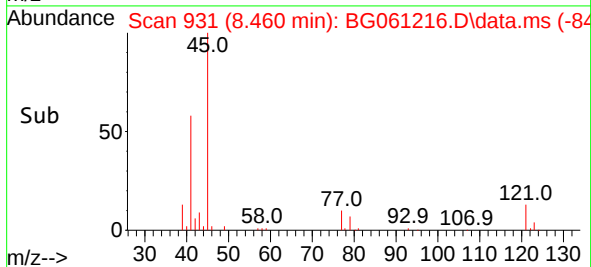
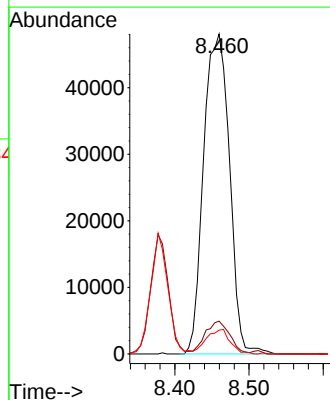
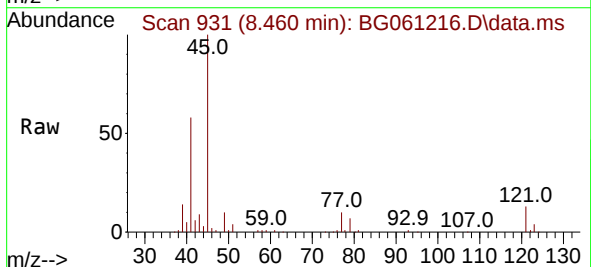
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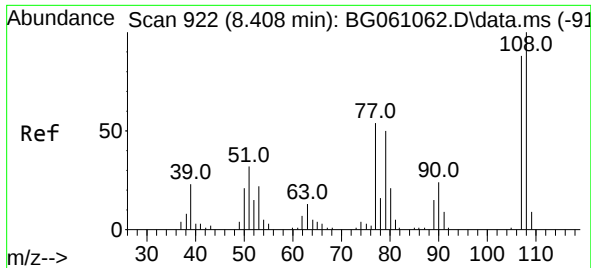
Tgt Ion: 79 Resp: 60240  
Ion Ratio Lower Upper  
79 100  
108 61.7 51.1 76.7  
77 65.0 49.0 73.6



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 42.772 ng  
RT: 8.460 min Scan# 931  
Delta R.T. -0.036 min  
Lab File: BG061216.D  
Acq: 16 May 2024 11:34

Tgt Ion: 45 Resp: 116626  
Ion Ratio Lower Upper  
45 100  
77 10.2 0.0 30.2  
79 7.4 0.0 26.5

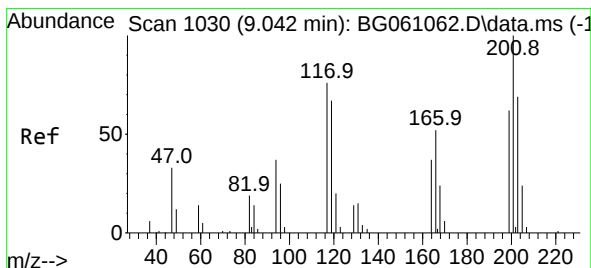
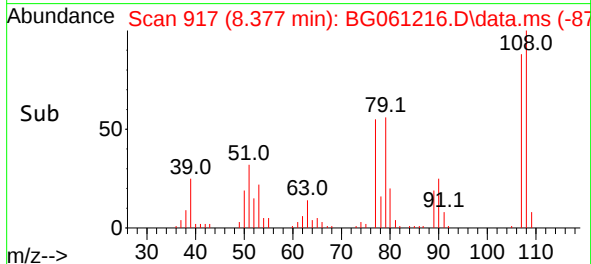
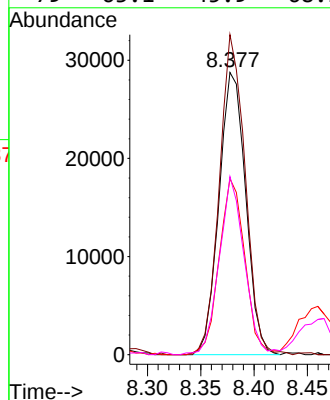
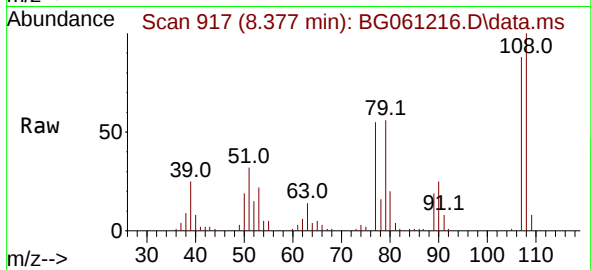




#17  
2-Methylphenol  
Concen: 38.604 ng  
RT: 8.377 min Scan# 91  
Delta R.T. -0.030 min  
Lab File: BG061216.D  
Acq: 16 May 2024 11:34

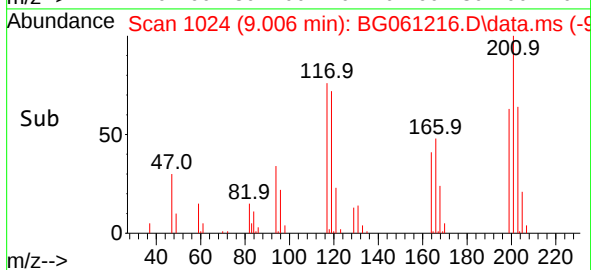
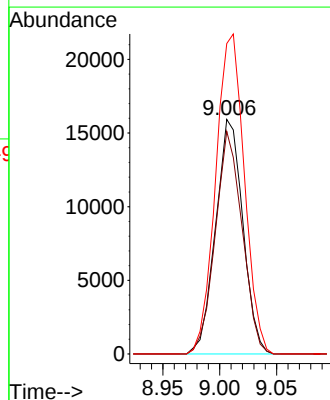
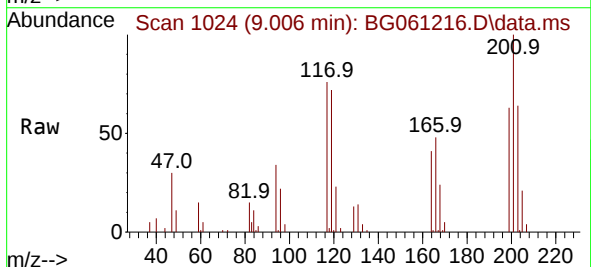
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

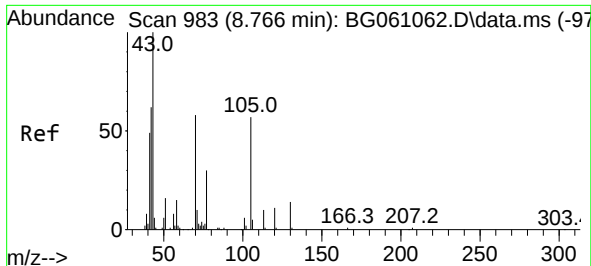
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 107   | Resp: | 50041 |
| Ion Ratio | Lower | Upper |       |
| 107       | 100   |       |       |
| 108       | 113.3 | 91.4  | 137.2 |
| 77        | 62.3  | 49.4  | 74.2  |
| 79        | 63.1  | 45.9  | 68.9  |



#18  
Hexachloroethane  
Concen: 41.197 ng  
RT: 9.006 min Scan# 1024  
Delta R.T. -0.036 min  
Lab File: BG061216.D  
Acq: 16 May 2024 11:34

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 117   | Resp: | 26568 |
| Ion Ratio | Lower | Upper |       |
| 117       | 100   |       |       |
| 119       | 94.9  | 71.4  | 107.0 |
| 201       | 132.3 | 105.8 | 158.8 |

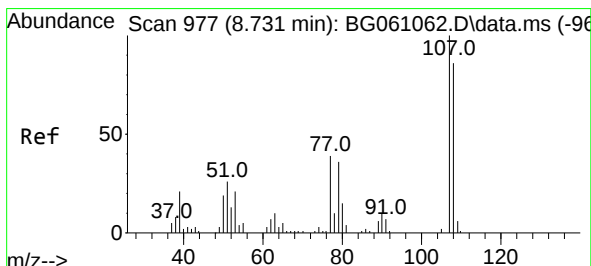
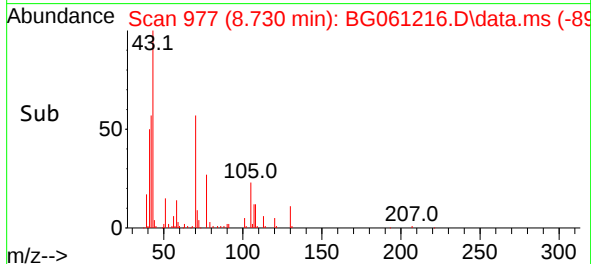
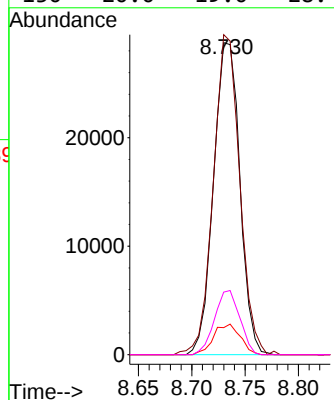
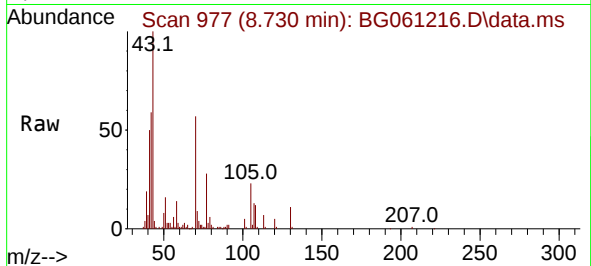




#19  
n-Nitroso-di-n-propylamine  
Concen: 36.758 ng  
RT: 8.730 min Scan# 91  
Delta R.T. -0.036 min  
Lab File: BG061216.D  
Acq: 16 May 2024 11:34

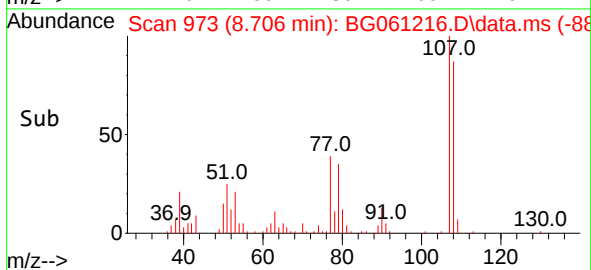
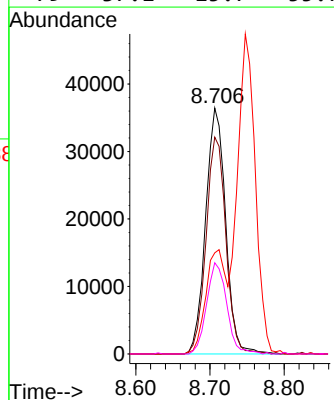
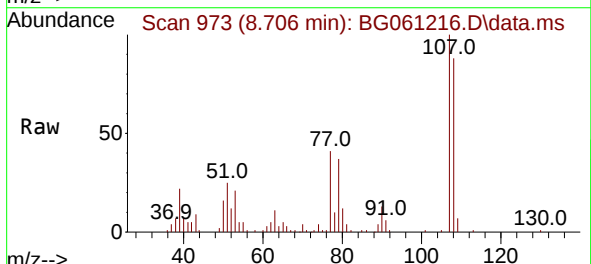
Instrument :  
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ClientSampleId :  
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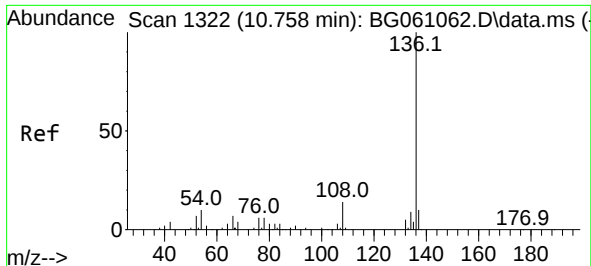
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|----------|-------|-------|-------|
| Tgt Ion: | 70    | Resp: | 49203 |
| Ion      | Ratio | Lower | Upper |
| 70       | 100   |       |       |
| 42       | 102.6 | 86.4  | 129.6 |
| 101      | 8.7   | 7.8   | 11.8  |
| 130      | 20.0  | 19.0  | 28.4  |



#20  
3+4-Methylphenols  
Concen: 36.512 ng  
RT: 8.706 min Scan# 973  
Delta R.T. -0.025 min  
Lab File: BG061216.D  
Acq: 16 May 2024 11:34

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 107   | Resp: | 68283 |
| Ion      | Ratio | Lower | Upper |
| 107      | 100   |       |       |
| 108      | 88.2  | 65.7  | 105.7 |
| 77       | 41.1  | 19.4  | 59.4  |
| 79       | 37.1  | 15.7  | 55.7  |

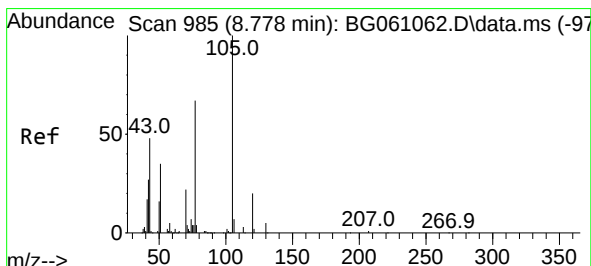
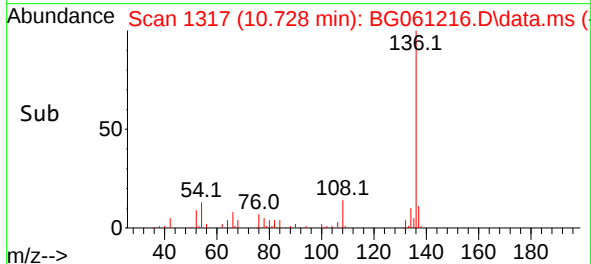
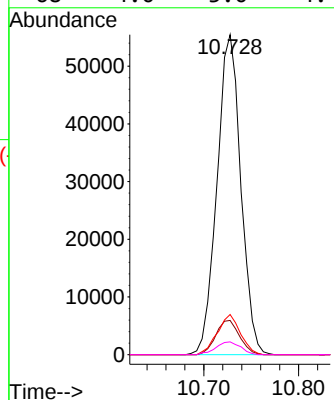
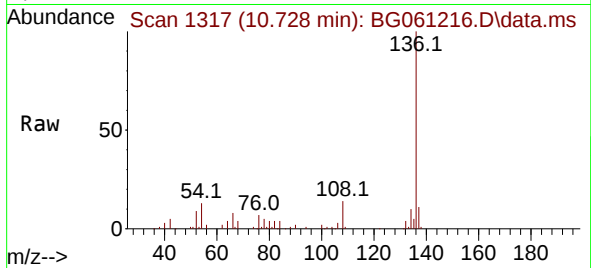




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.728 min Scan# 11  
Delta R.T. -0.030 min  
Lab File: BG061216.D  
Acq: 16 May 2024 11:34

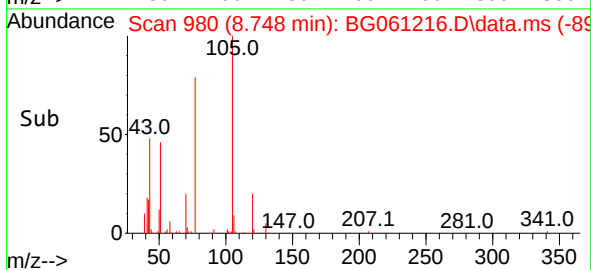
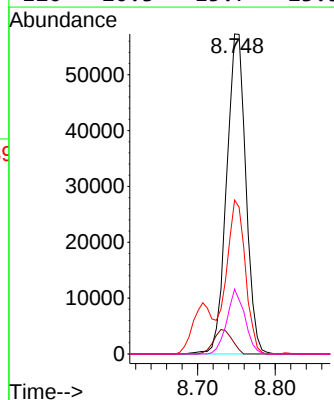
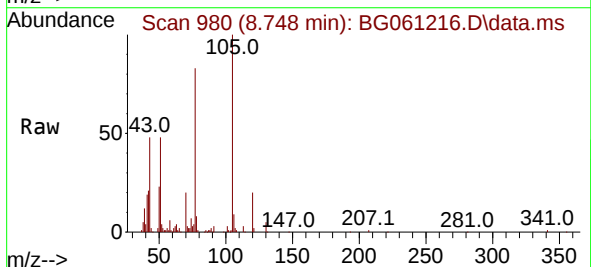
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

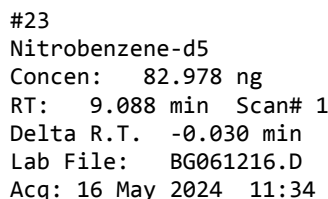
Tgt Ion:136 Resp: 96823  
Ion Ratio Lower Upper  
136 100  
137 10.7 7.8 11.6  
54 12.6 8.1 12.1#  
68 4.0 3.0 4.4



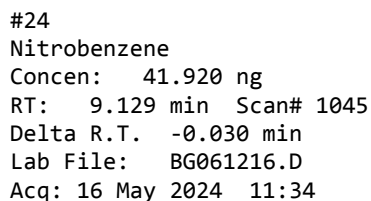
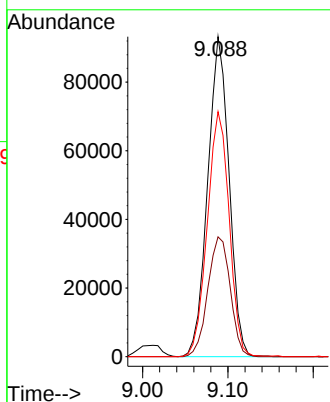
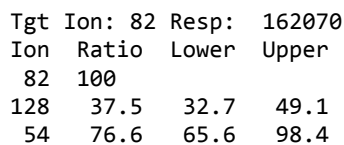
#22  
Acetophenone  
Concen: 40.921 ng  
RT: 8.748 min Scan# 980  
Delta R.T. -0.030 min  
Lab File: BG061216.D  
Acq: 16 May 2024 11:34

Tgt Ion:105 Resp: 98673  
Ion Ratio Lower Upper  
105 100  
71 3.3 3.3 4.9  
51 48.1 36.7 55.1  
120 20.3 15.7 23.5

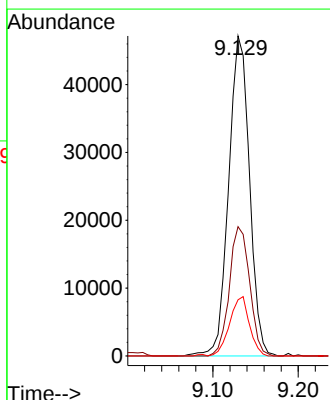


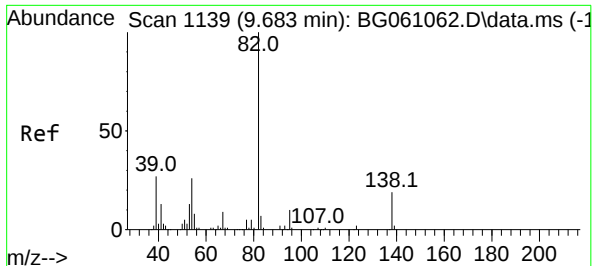


SSTDCCC040



|             |             |
|-------------|-------------|
| Tgt Ion: 77 | Resp: 80098 |
| Ion Ratio   | Lower Upper |
| 77 100      |             |
| 123 40.4    | 33.1 49.7   |
| 65 17.5     | 13.1 19.7   |

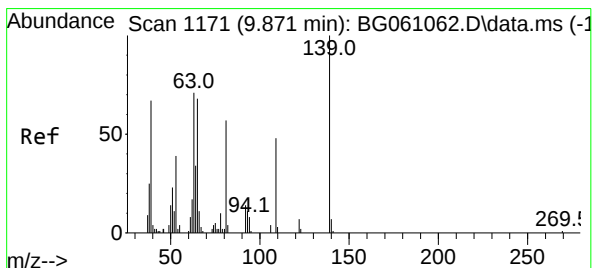
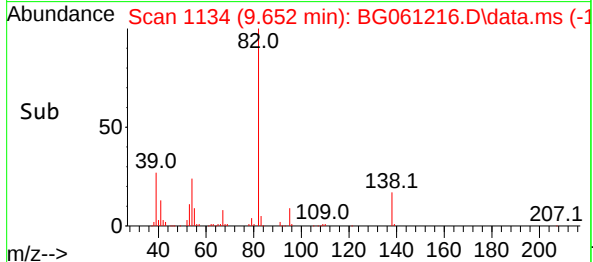
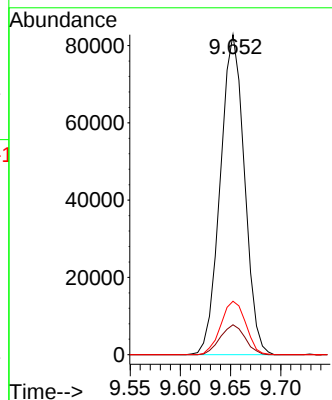
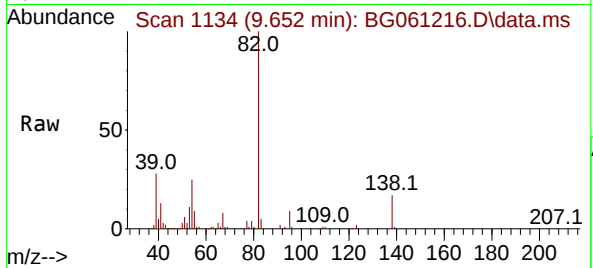




#25  
Isophorone  
Concen: 38.344 ng  
RT: 9.652 min Scan# 1134  
Delta R.T. -0.030 min  
Lab File: BG061216.D  
Acq: 16 May 2024 11:34

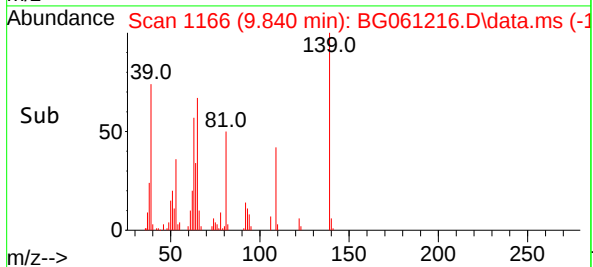
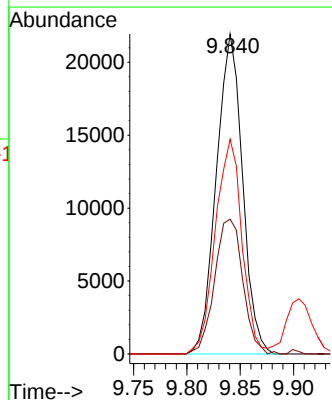
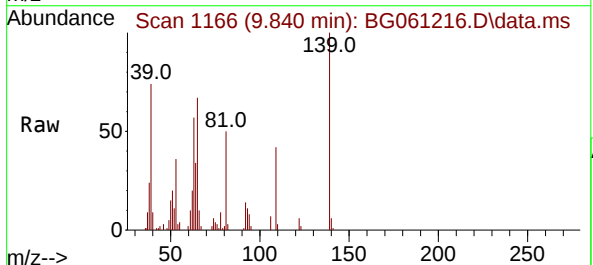
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

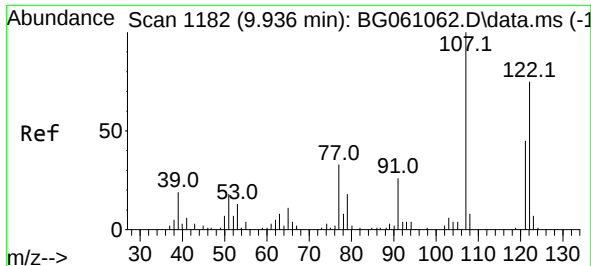
Tgt Ion: 82 Resp: 138438  
Ion Ratio Lower Upper  
82 100  
95 9.4 8.3 12.5  
138 16.7 15.2 22.8



#26  
2-Nitrophenol  
Concen: 41.338 ng  
RT: 9.840 min Scan# 1166  
Delta R.T. -0.030 min  
Lab File: BG061216.D  
Acq: 16 May 2024 11:34

Tgt Ion: 139 Resp: 37423  
Ion Ratio Lower Upper  
139 100  
109 42.1 38.5 57.7  
65 67.1 54.5 81.7





#27

2,4-Dimethylphenol

Concen: 38.609 ng

RT: 9.905 min Scan# 1182

Delta R.T. -0.030 min

Lab File: BG061216.D

Acq: 16 May 2024 11:34

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

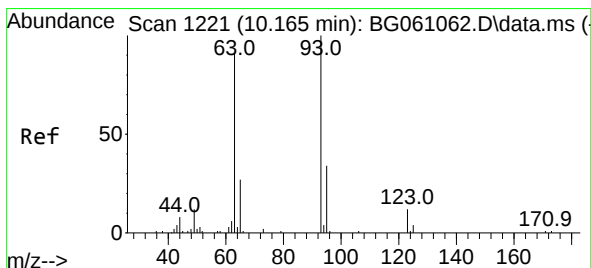
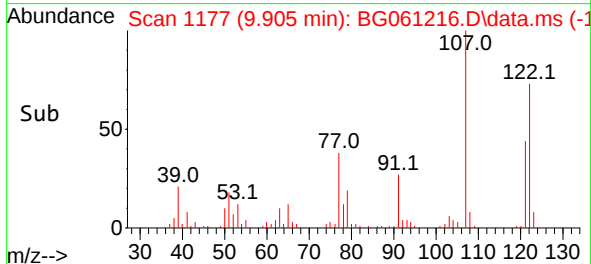
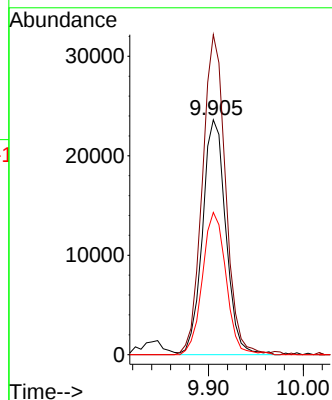
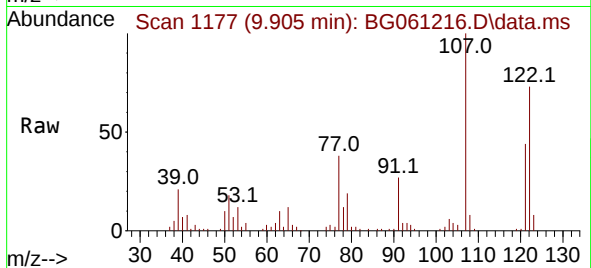
Tgt Ion:122 Resp: 40296

Ion Ratio Lower Upper

122 100

107 136.2 106.9 160.3

121 60.5 48.5 72.7



#28

bis(2-Chloroethoxy)methane

Concen: 41.252 ng

RT: 10.134 min Scan# 1216

Delta R.T. -0.030 min

Lab File: BG061216.D

Acq: 16 May 2024 11:34

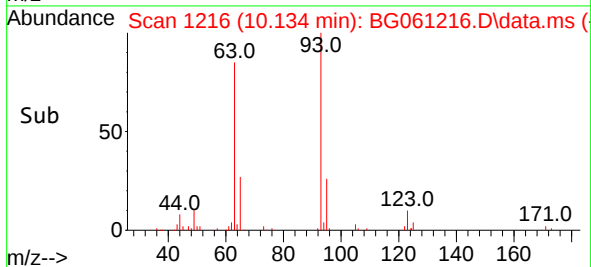
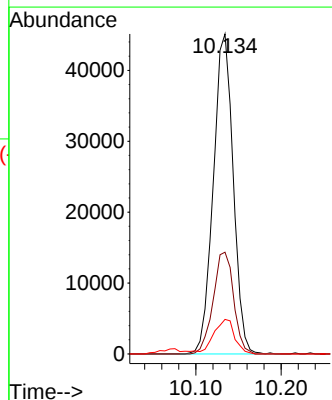
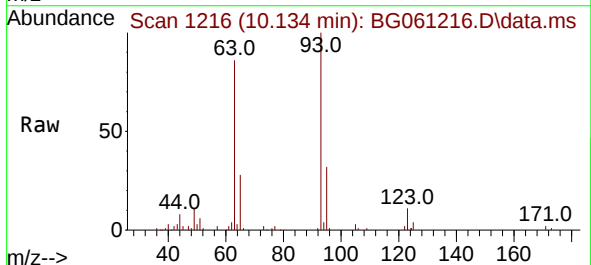
Tgt Ion: 93 Resp: 73097

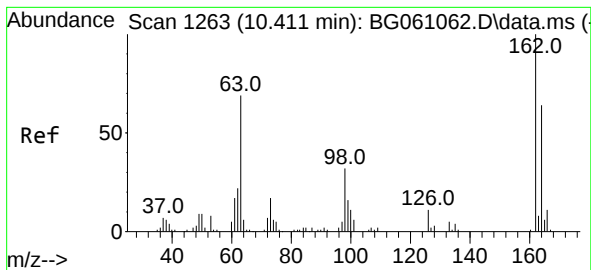
Ion Ratio Lower Upper

93 100

95 31.8 27.4 41.0

123 10.8 9.7 14.5





#29

2,4-Dichlorophenol

Concen: 38.073 ng

RT: 10.381 min Scan# 1258

Delta R.T. -0.030 min

Lab File: BG061216.D

Acq: 16 May 2024 11:34

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

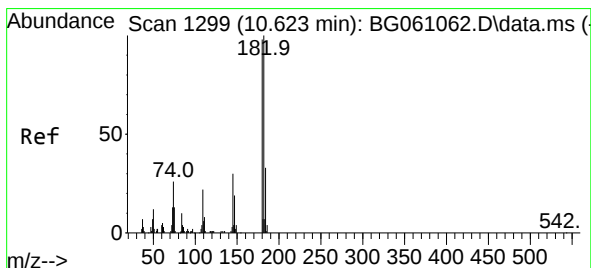
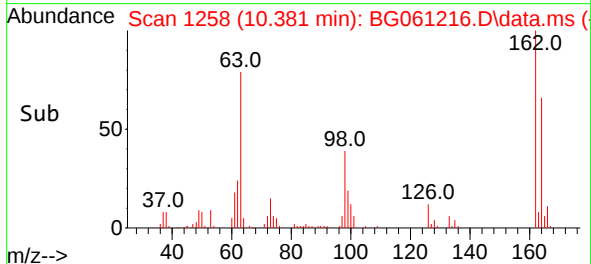
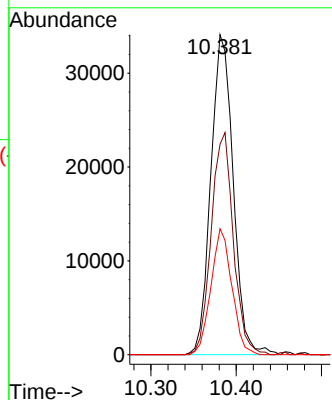
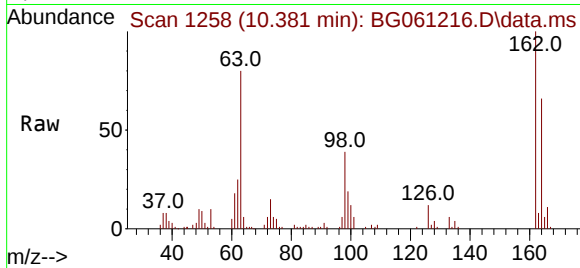
Tgt Ion:162 Resp: 62261

Ion Ratio Lower Upper

162 100

164 65.8 43.6 83.6

98 39.3 12.3 52.3



#30

1,2,4-Trichlorobenzene

Concen: 40.466 ng

RT: 10.592 min Scan# 1294

Delta R.T. -0.030 min

Lab File: BG061216.D

Acq: 16 May 2024 11:34

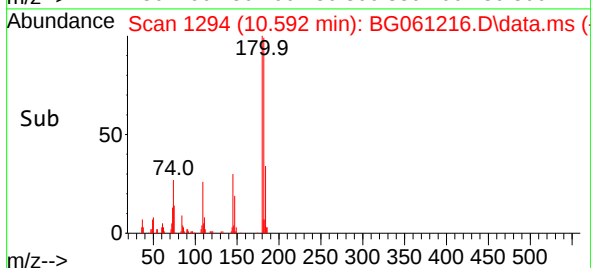
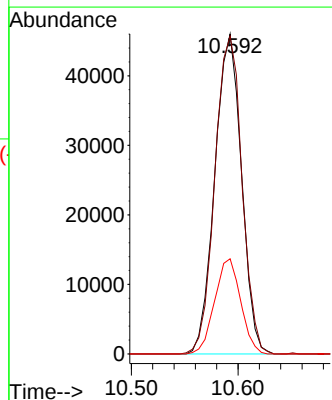
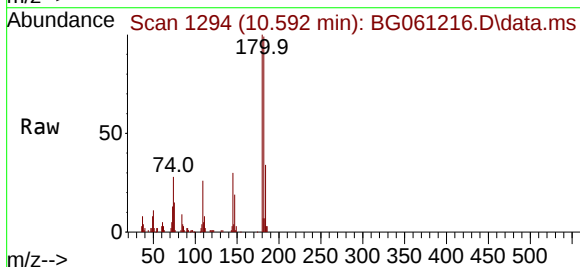
Tgt Ion:180 Resp: 79736

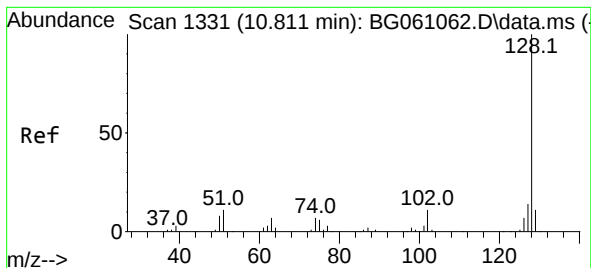
Ion Ratio Lower Upper

180 100

182 99.3 81.7 122.5

145 29.8 24.5 36.7





#31

Naphthalene

Concen: 39.616 ng

RT: 10.775 min Scan# 11

Delta R.T. -0.036 min

Lab File: BG061216.D

Acq: 16 May 2024 11:34

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

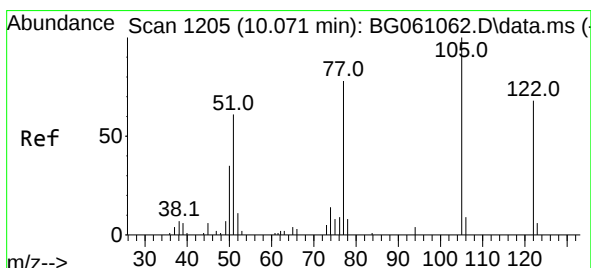
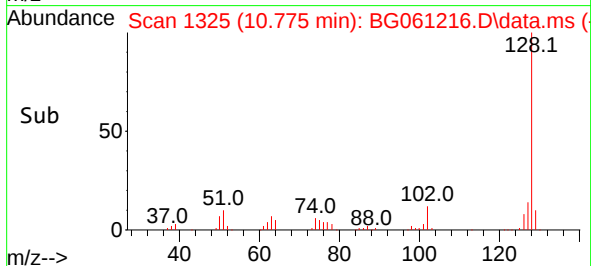
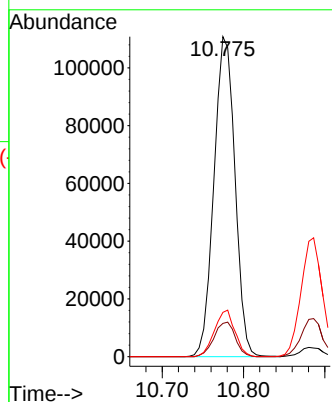
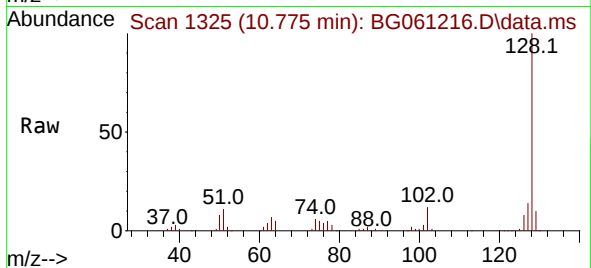
Tgt Ion:128 Resp: 199350

Ion Ratio Lower Upper

128 100

129 10.4 8.9 13.3

127 13.9 11.1 16.7



#32

Benzoic acid

Concen: 14.829 ng

RT: 10.075 min Scan# 1206

Delta R.T. 0.005 min

Lab File: BG061216.D

Acq: 16 May 2024 11:34

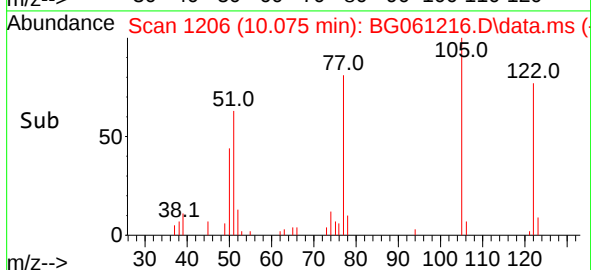
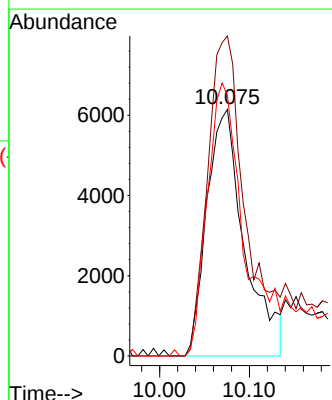
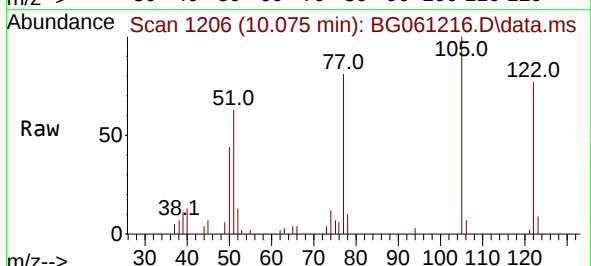
Tgt Ion:122 Resp: 17892

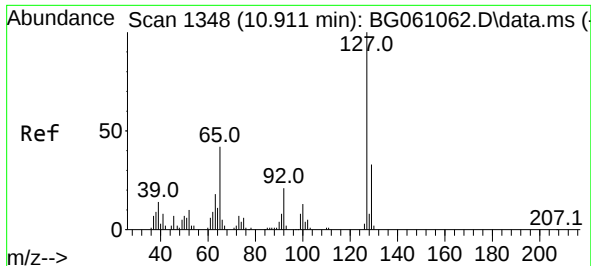
Ion Ratio Lower Upper

122 100

105 129.8 123.3 163.3

77 105.7 93.2 133.2

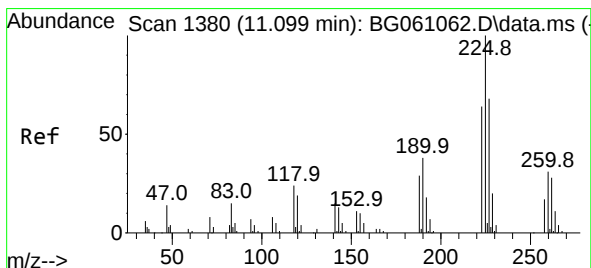
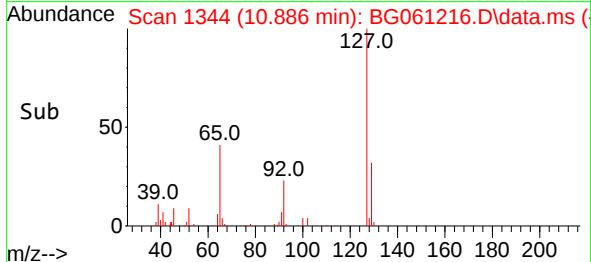
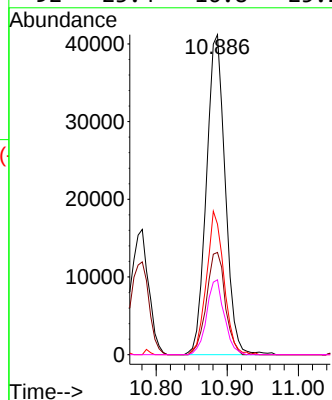
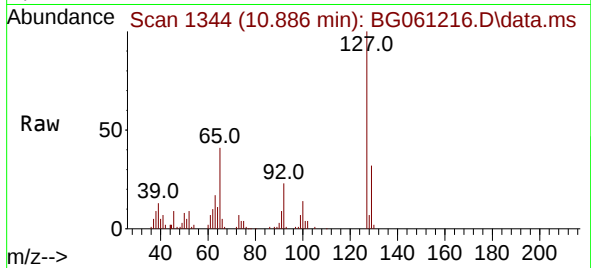




#33  
4-Chloroaniline  
Concen: 37.689 ng  
RT: 10.886 min Scan# 11  
Delta R.T. -0.025 min  
Lab File: BG061216.D  
Acq: 16 May 2024 11:34

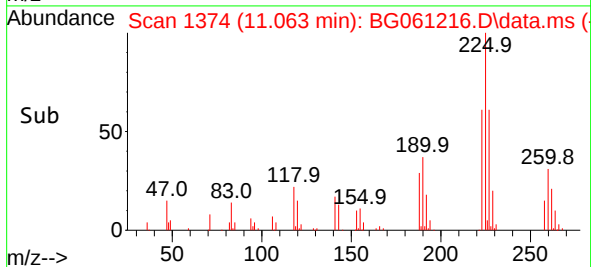
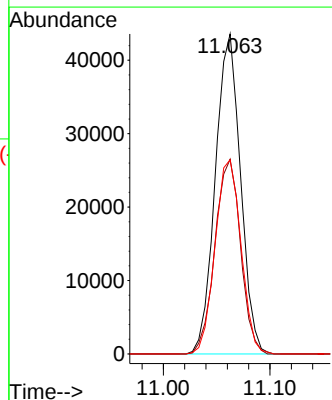
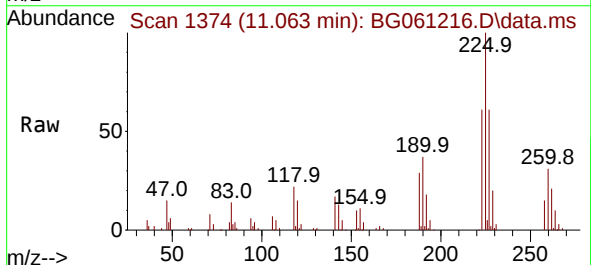
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

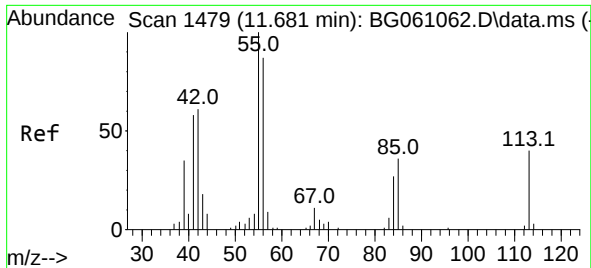
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 127   | Resp: | 75637 |
| Ion Ratio | Lower | Upper |       |
| 127       | 100   |       |       |
| 129       | 32.0  | 26.6  | 39.8  |
| 65        | 40.8  | 33.6  | 50.4  |
| 92        | 23.4  | 16.8  | 25.2  |



#34  
Hexachlorobutadiene  
Concen: 42.306 ng  
RT: 11.063 min Scan# 1374  
Delta R.T. -0.036 min  
Lab File: BG061216.D  
Acq: 16 May 2024 11:34

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 225   | Resp: | 71526 |
| Ion Ratio | Lower | Upper |       |
| 225       | 100   |       |       |
| 223       | 60.9  | 51.0  | 76.4  |
| 227       | 60.7  | 54.6  | 82.0  |

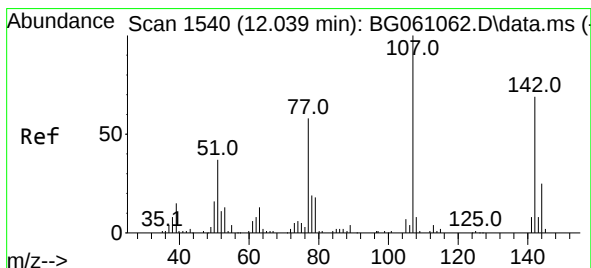
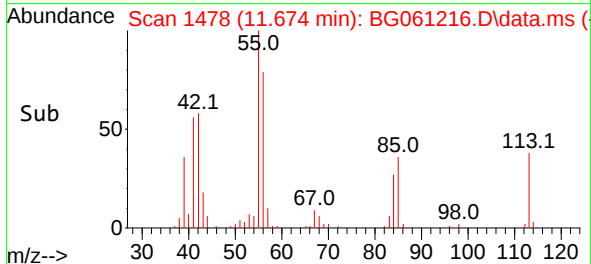
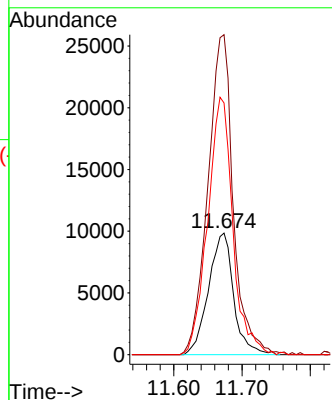
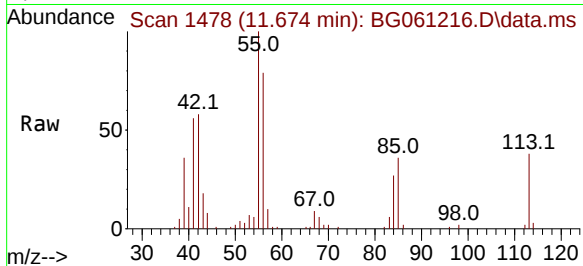




#35  
 Caprolactam  
 Concen: 42.835 ng  
 RT: 11.674 min Scan# 1479  
 Delta R.T. -0.007 min  
 Lab File: BG061216.D  
 Acq: 16 May 2024 11:34

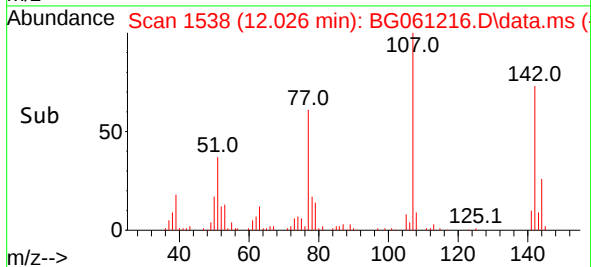
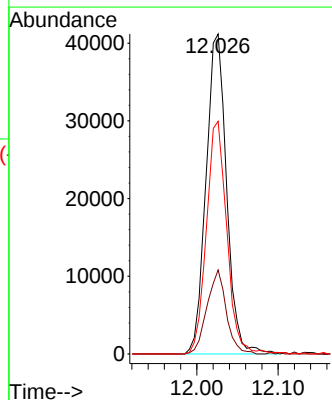
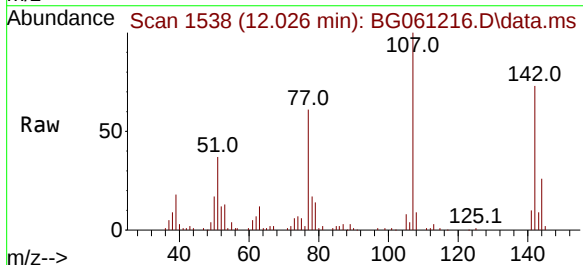
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

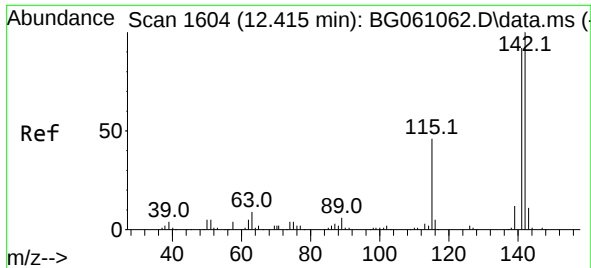
Tgt Ion:113 Resp: 25226  
 Ion Ratio Lower Upper  
 113 100  
 55 263.3 227.6 267.6  
 56 207.2 195.1 235.1



#36  
 4-Chloro-3-methylphenol  
 Concen: 36.673 ng  
 RT: 12.026 min Scan# 1538  
 Delta R.T. -0.013 min  
 Lab File: BG061216.D  
 Acq: 16 May 2024 11:34

Tgt Ion:107 Resp: 72317  
 Ion Ratio Lower Upper  
 107 100  
 144 26.2 20.2 30.4  
 142 72.7 55.6 83.4

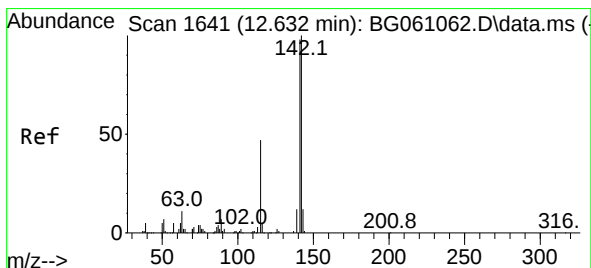
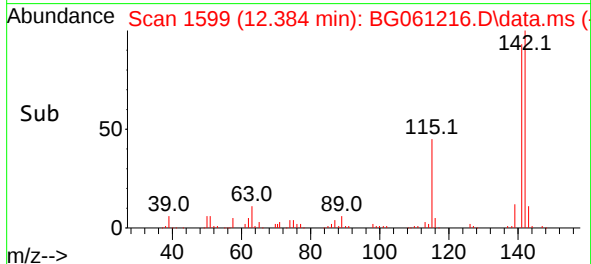
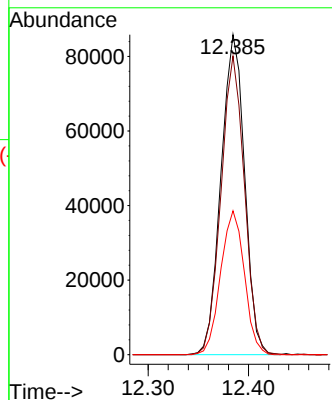
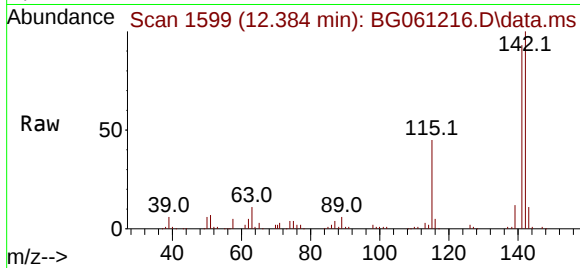




#37  
2-Methylnaphthalene  
Concen: 37.227 ng  
RT: 12.384 min Scan# 1599  
Delta R.T. -0.030 min  
Lab File: BG061216.D  
Acq: 16 May 2024 11:34

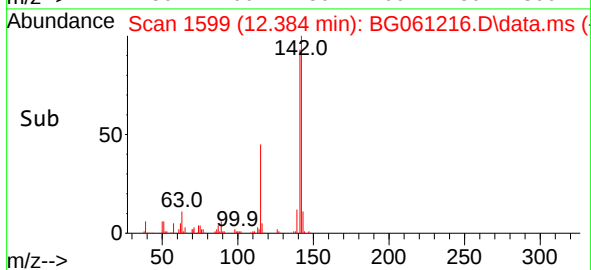
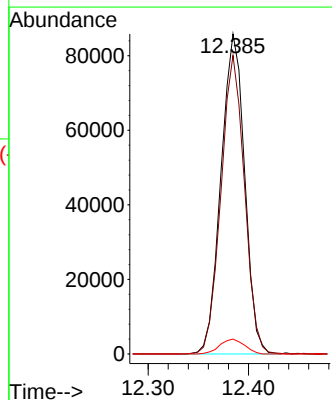
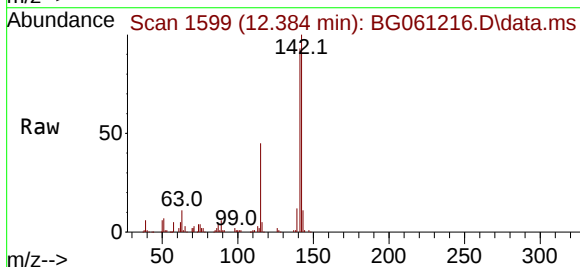
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

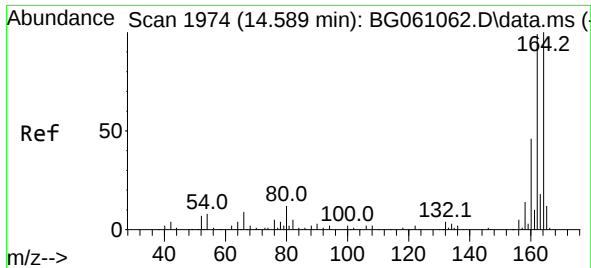
Tgt Ion:142 Resp: 140379  
Ion Ratio Lower Upper  
142 100  
141 93.3 73.8 110.8  
115 45.0 36.9 55.3



#38  
1-Methylnaphthalene  
Concen: 36.979 ng  
RT: 12.384 min Scan# 1599  
Delta R.T. -0.248 min  
Lab File: BG061216.D  
Acq: 16 May 2024 11:34

Tgt Ion:142 Resp: 140379  
Ion Ratio Lower Upper  
142 100  
141 93.3 78.4 117.6  
116 4.6 4.3 6.5

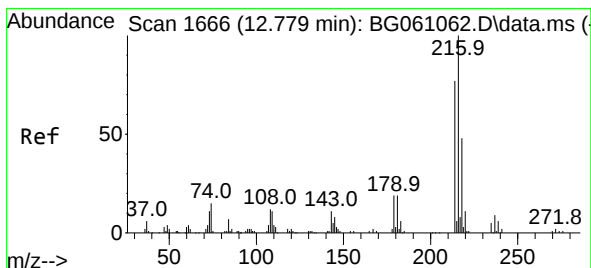
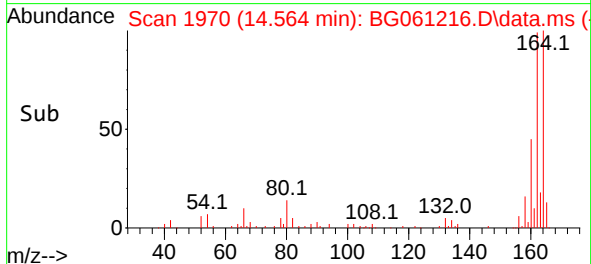
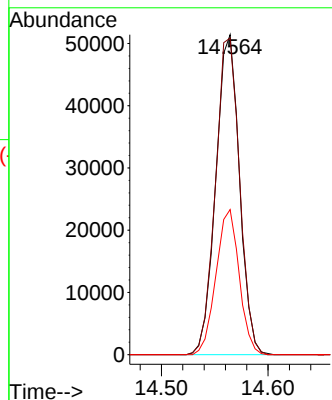
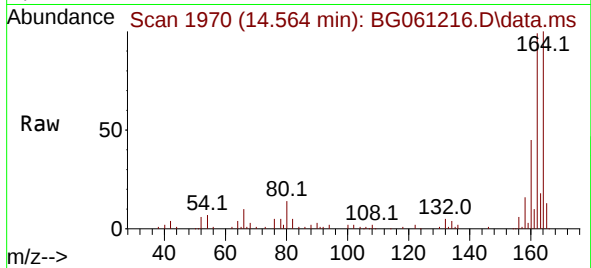




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.564 min Scan# 1970  
Delta R.T. -0.025 min  
Lab File: BG061216.D  
Acq: 16 May 2024 11:34

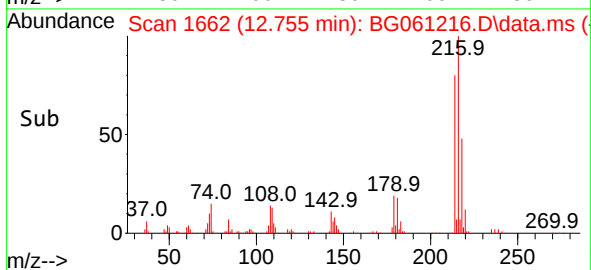
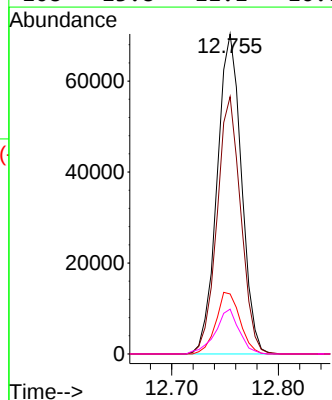
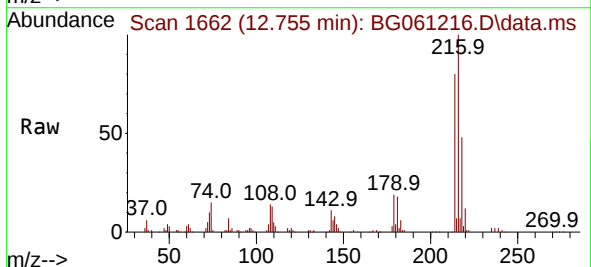
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

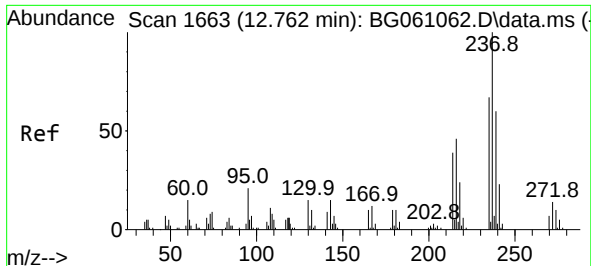
Tgt Ion:164 Resp: 79094  
Ion Ratio Lower Upper  
164 100  
162 98.9 79.4 119.2  
160 45.4 37.0 55.6



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 42.209 ng  
RT: 12.755 min Scan# 1662  
Delta R.T. -0.025 min  
Lab File: BG061216.D  
Acq: 16 May 2024 11:34

Tgt Ion:216 Resp: 111416  
Ion Ratio Lower Upper  
216 100  
214 78.4 64.2 96.2  
179 19.0 15.4 23.2  
108 13.8 11.1 16.7

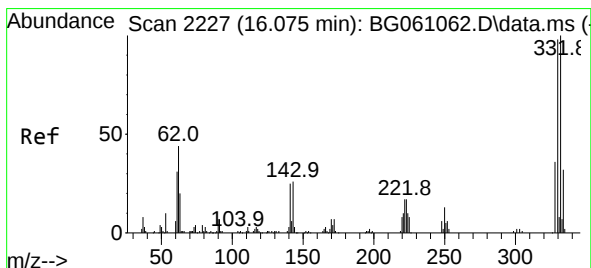
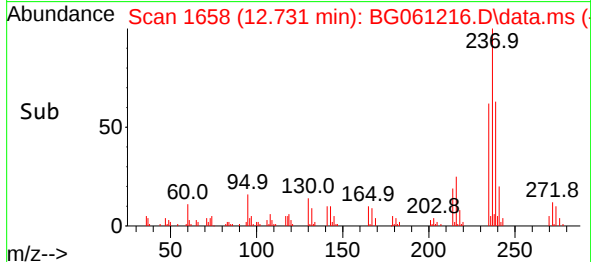
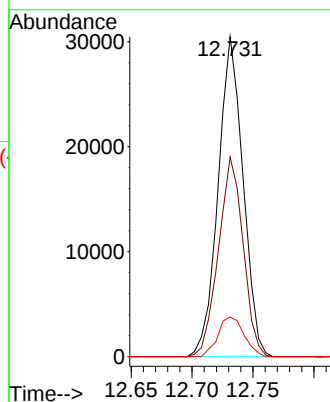
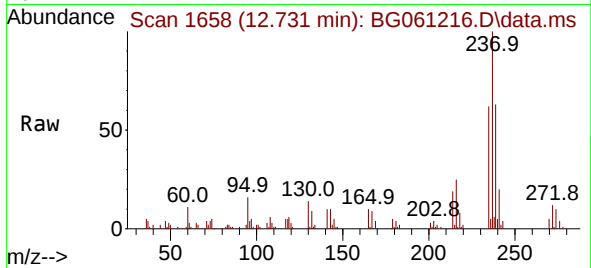




#41  
Hexachlorocyclopentadiene  
Concen: 42.890 ng  
RT: 12.731 min Scan# 1  
Delta R.T. -0.030 min  
Lab File: BG061216.D  
Acq: 16 May 2024 11:34

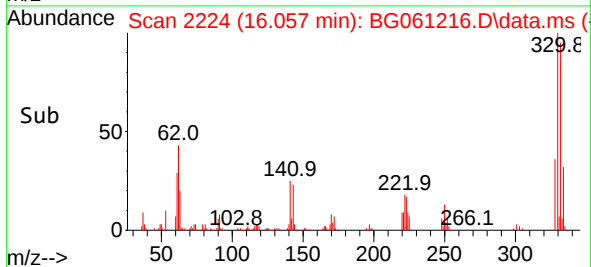
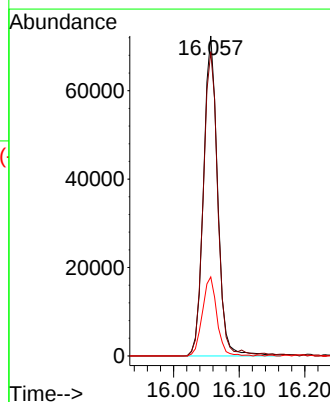
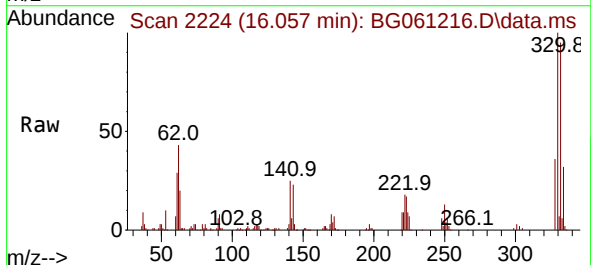
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

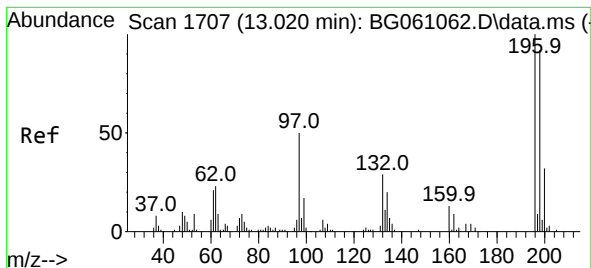
Tgt Ion:237 Resp: 43339  
Ion Ratio Lower Upper  
237 100  
235 62.3 46.5 86.5  
272 12.4 0.0 33.9



#42  
2,4,6-Tribromophenol  
Concen: 68.606 ng  
RT: 16.057 min Scan# 2224  
Delta R.T. -0.019 min  
Lab File: BG061216.D  
Acq: 16 May 2024 11:34

Tgt Ion:330 Resp: 108463  
Ion Ratio Lower Upper  
330 100  
332 96.9 78.6 117.8  
141 25.4 20.5 30.7





#43

2,4,6-Trichlorophenol

Concen: 37.411 ng

RT: 13.001 min Scan# 1

Delta R.T. -0.019 min

Lab File: BG061216.D

Acq: 16 May 2024 11:34

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

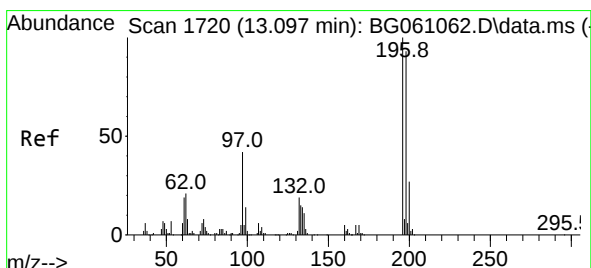
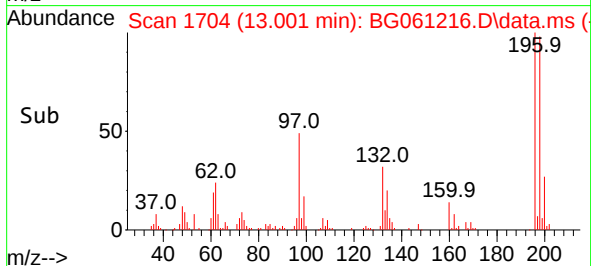
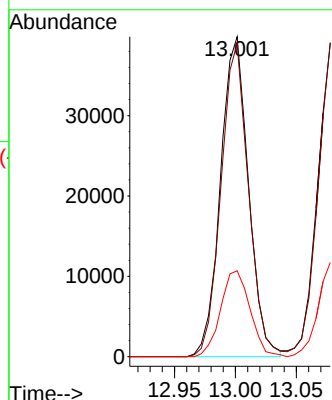
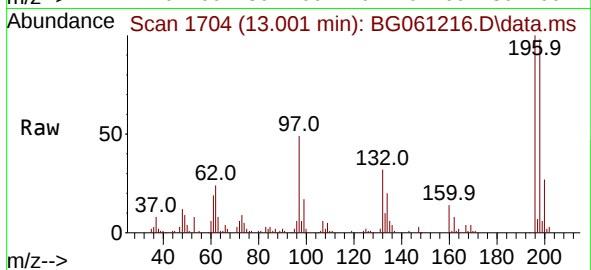
Tgt Ion:196 Resp: 63398

Ion Ratio Lower Upper

196 100

198 98.0 73.8 110.6

200 26.9 25.5 38.3



#44

2,4,5-Trichlorophenol

Concen: 36.495 ng

RT: 13.084 min Scan# 1718

Delta R.T. -0.013 min

Lab File: BG061216.D

Acq: 16 May 2024 11:34

Tgt Ion:196 Resp: 69996

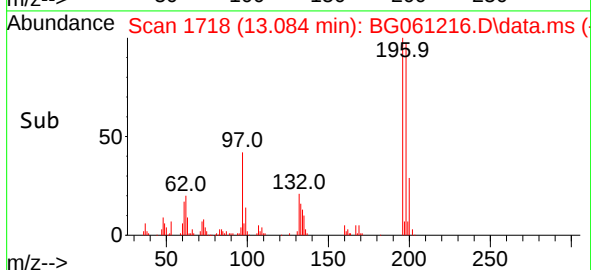
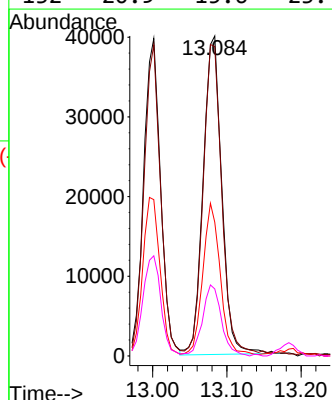
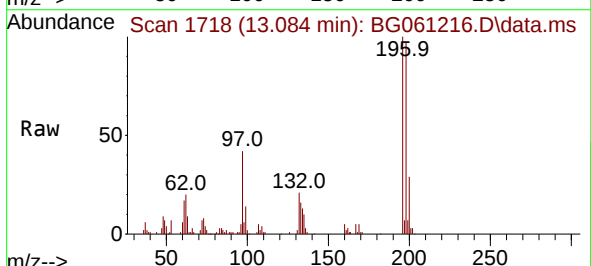
Ion Ratio Lower Upper

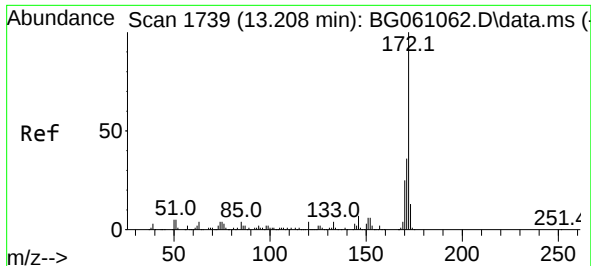
196 100

198 96.7 74.3 111.5

97 41.8 33.6 50.4

132 20.9 15.6 23.4

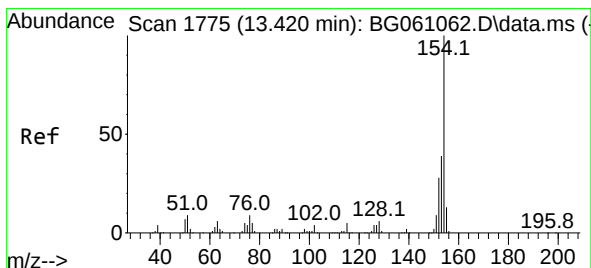
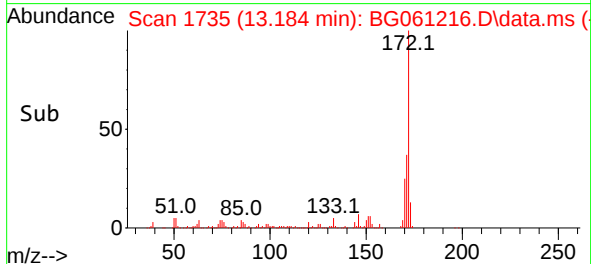
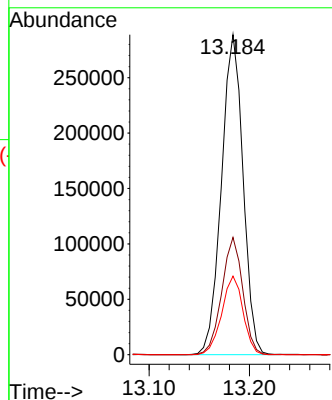
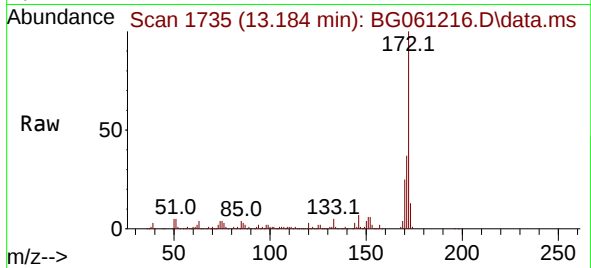




#45  
2-Fluorobiphenyl  
Concen: 80.493 ng  
RT: 13.184 min Scan# 1735  
Delta R.T. -0.025 min  
Lab File: BG061216.D  
Acq: 16 May 2024 11:34

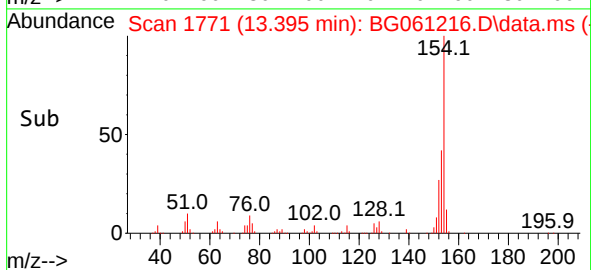
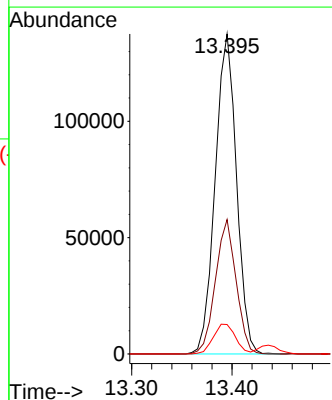
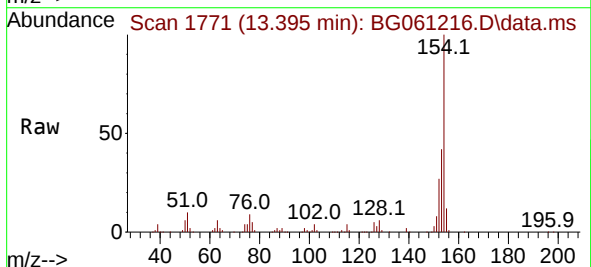
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

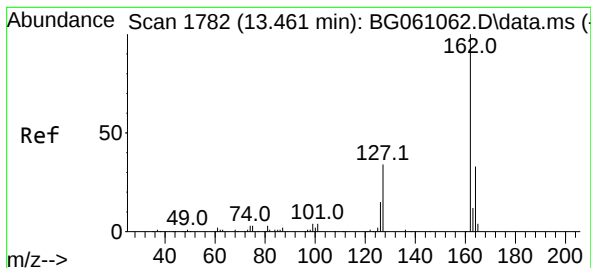
Tgt Ion:172 Resp: 430542  
Ion Ratio Lower Upper  
172 100  
171 36.6 29.0 43.6  
170 24.5 20.2 30.4



#46  
1,1'-Biphenyl  
Concen: 39.974 ng  
RT: 13.395 min Scan# 1771  
Delta R.T. -0.025 min  
Lab File: BG061216.D  
Acq: 16 May 2024 11:34

Tgt Ion:154 Resp: 202722  
Ion Ratio Lower Upper  
154 100  
153 42.0 19.3 59.3  
76 9.2 0.0 28.8





#47

2-Chloronaphthalene

Concen: 39.987 ng

RT: 13.436 min Scan# 1

Delta R.T. -0.025 min

Lab File: BG061216.D

Acq: 16 May 2024 11:34

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

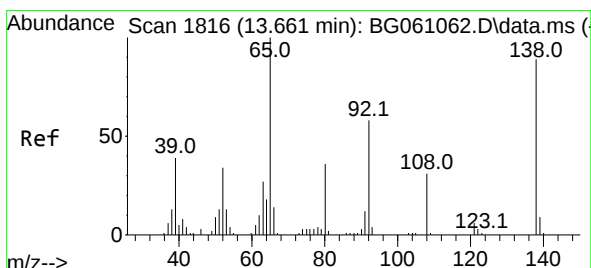
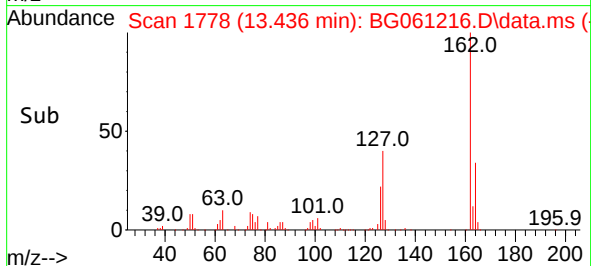
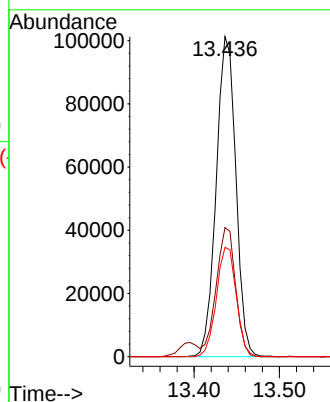
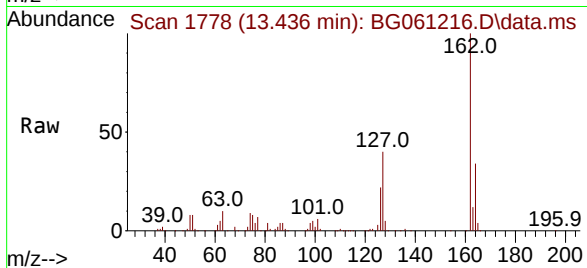
Tgt Ion:162 Resp: 162385

Ion Ratio Lower Upper

162 100

127 40.4 30.7 46.1

164 34.1 26.8 40.2



#48

2-Nitroaniline

Concen: 39.563 ng

RT: 13.642 min Scan# 1813

Delta R.T. -0.019 min

Lab File: BG061216.D

Acq: 16 May 2024 11:34

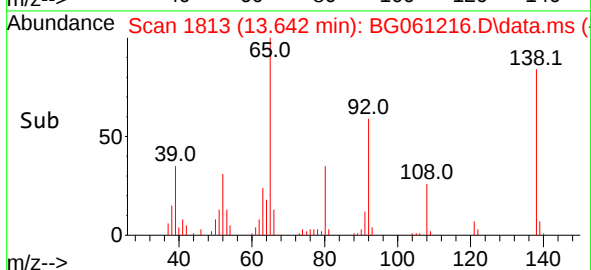
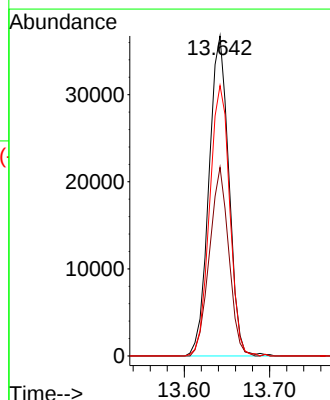
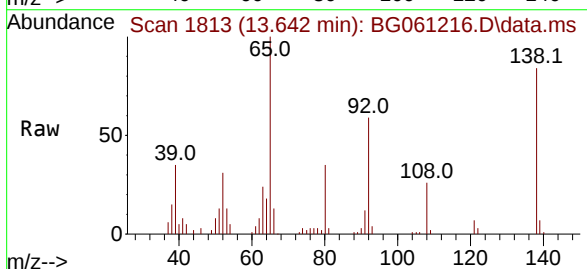
Tgt Ion: 65 Resp: 59618

Ion Ratio Lower Upper

65 100

92 59.0 46.7 70.1

138 84.5 71.4 107.2





#49

Acenaphthylene

Concen: 39.125 ng

RT: 14.282 min Scan# 1926

Delta R.T. -0.025 min

Lab File: BG061216.D

Acq: 16 May 2024 11:34

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

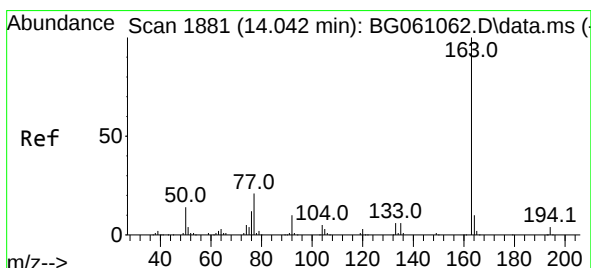
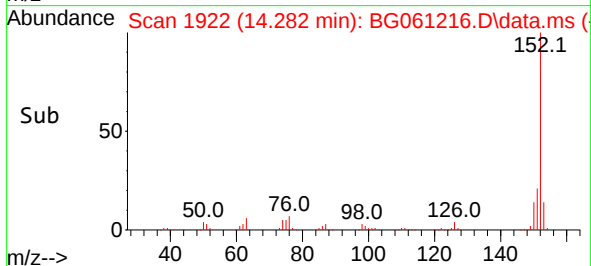
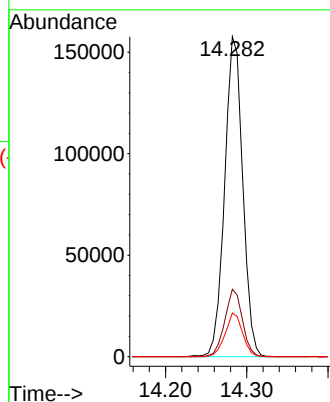
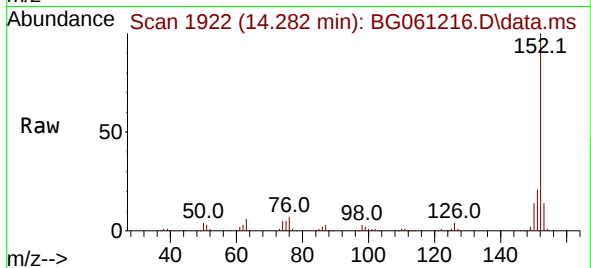
Tgt Ion:152 Resp: 244030

Ion Ratio Lower Upper

152 100

151 21.0 16.9 25.3

153 13.6 10.6 15.8



#50

Dimethylphthalate

Concen: 37.098 ng

RT: 14.018 min Scan# 1877

Delta R.T. -0.025 min

Lab File: BG061216.D

Acq: 16 May 2024 11:34

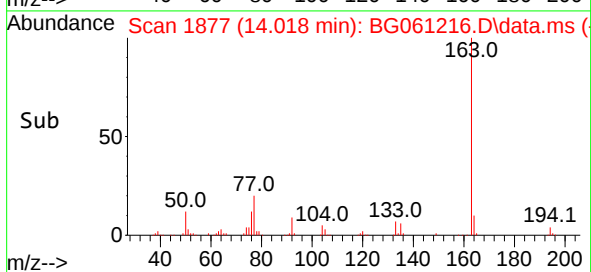
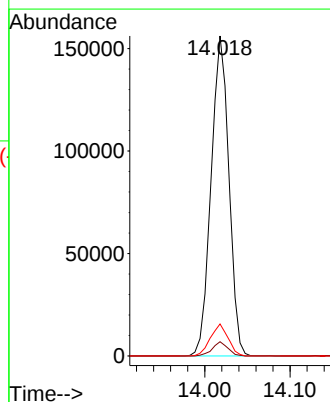
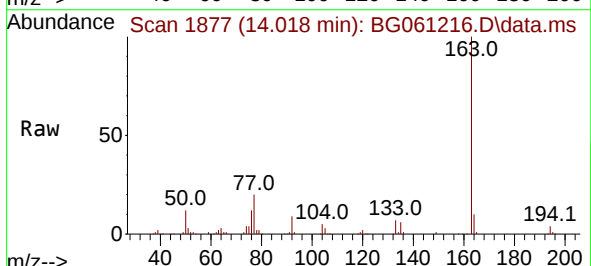
Tgt Ion:163 Resp: 226640

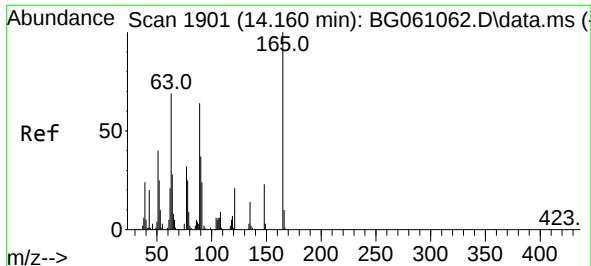
Ion Ratio Lower Upper

163 100

194 4.5 3.2 4.8

164 10.0 7.8 11.8

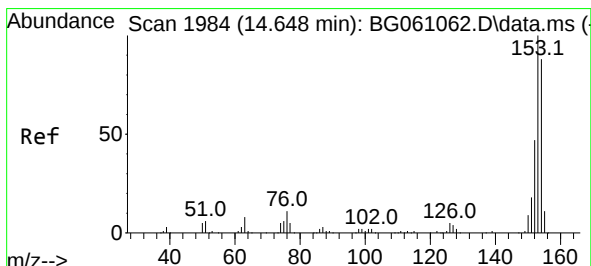
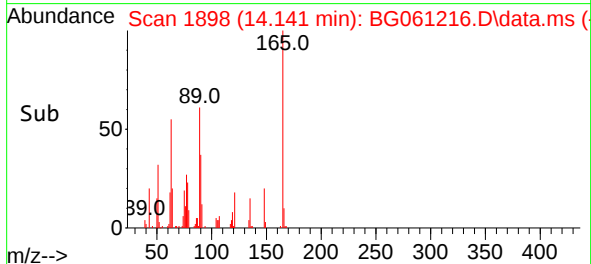
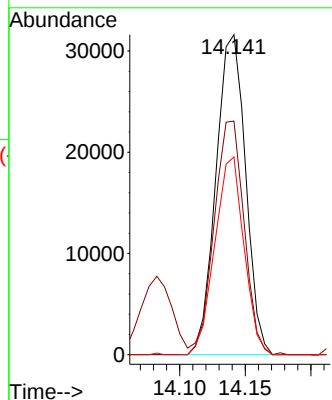
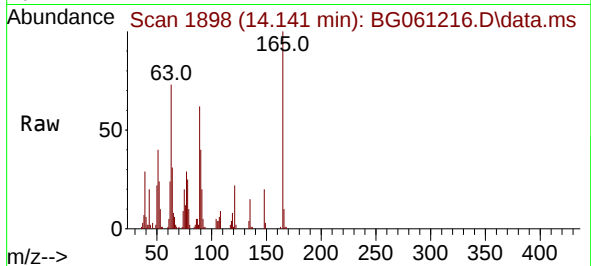




#51  
2,6-Dinitrotoluene  
Concen: 37.934 ng  
RT: 14.141 min Scan# 1898  
Delta R.T. -0.019 min  
Lab File: BG061216.D  
Acq: 16 May 2024 11:34

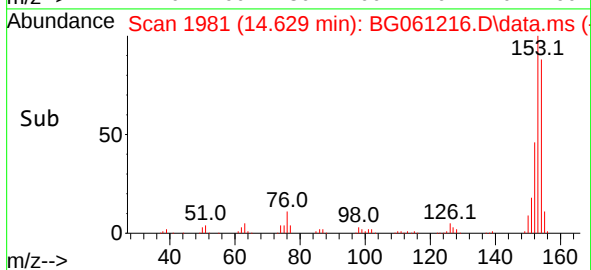
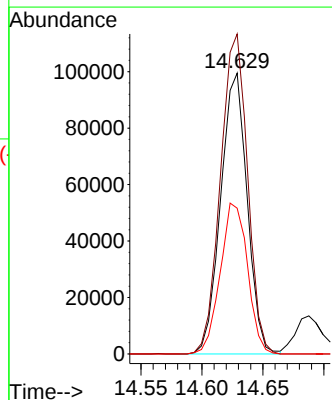
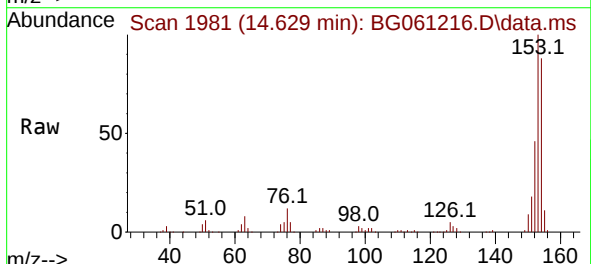
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

Tgt Ion:165 Resp: 49569  
Ion Ratio Lower Upper  
165 100  
63 73.0 60.0 90.0  
89 61.8 50.9 76.3



#52  
Acenaphthene  
Concen: 38.700 ng  
RT: 14.629 min Scan# 1981  
Delta R.T. -0.019 min  
Lab File: BG061216.D  
Acq: 16 May 2024 11:34

Tgt Ion:154 Resp: 150578  
Ion Ratio Lower Upper  
154 100  
153 113.9 91.0 136.4  
152 51.9 43.1 64.7

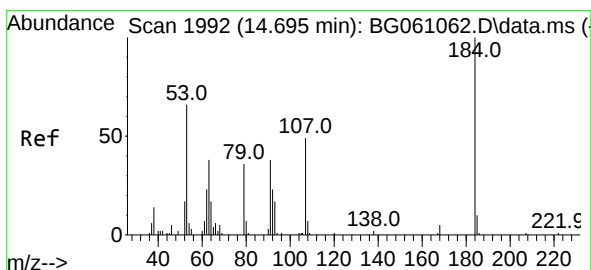
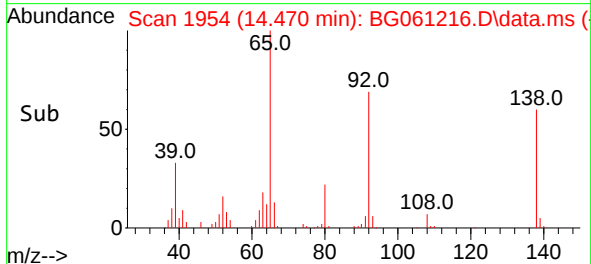
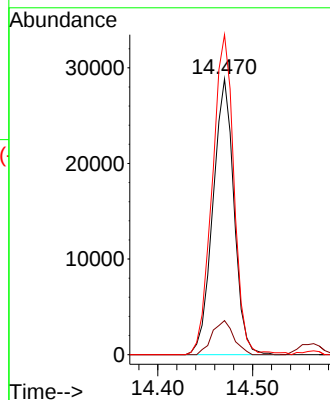
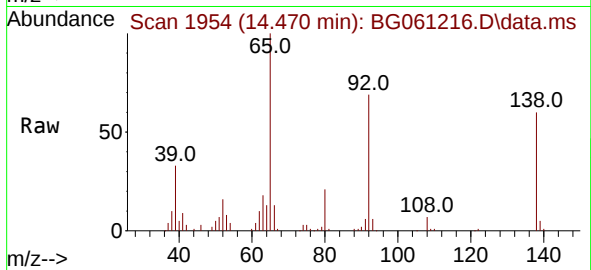




#53  
3-Nitroaniline  
Concen: 37.220 ng  
RT: 14.470 min Scan# 1954  
Delta R.T. -0.019 min  
Lab File: BG061216.D  
Acq: 16 May 2024 11:34

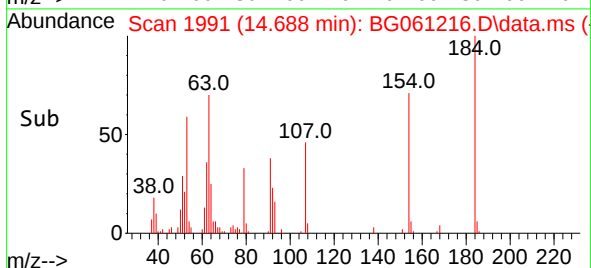
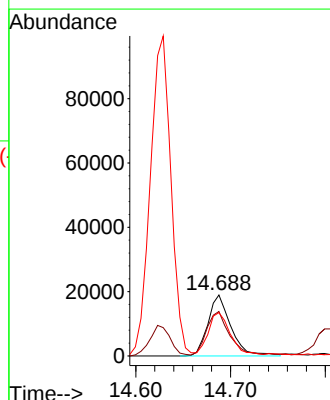
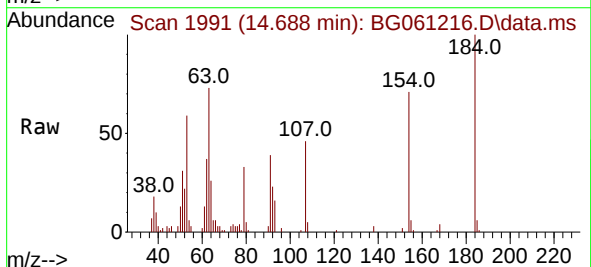
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

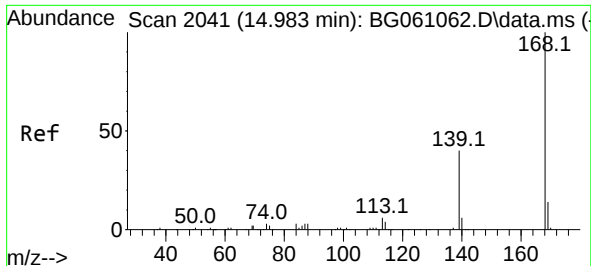
Tgt Ion:138 Resp: 44502  
Ion Ratio Lower Upper  
138 100  
108 12.3 8.2 12.2#  
92 116.1 98.0 147.0



#54  
2,4-Dinitrophenol  
Concen: 35.729 ng  
RT: 14.688 min Scan# 1991  
Delta R.T. -0.007 min  
Lab File: BG061216.D  
Acq: 16 May 2024 11:34

Tgt Ion:184 Resp: 31932  
Ion Ratio Lower Upper  
184 100  
63 73.1 62.6 93.8  
154 71.1 61.4 92.0

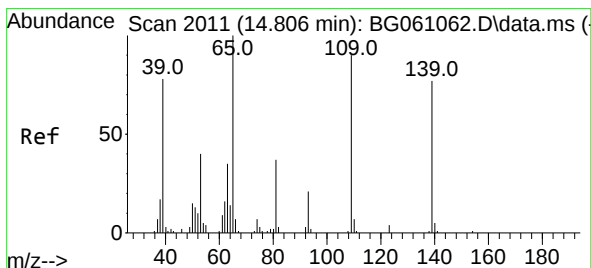
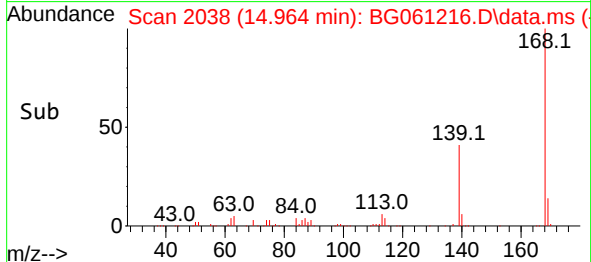
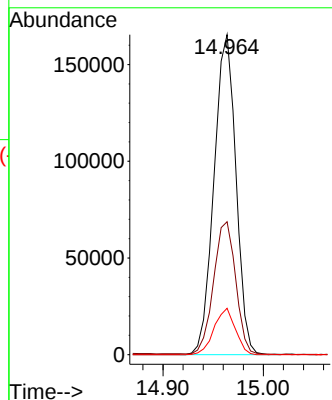
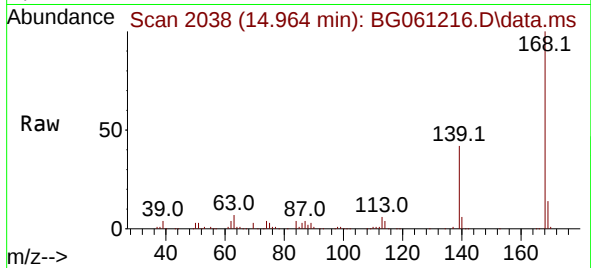




#55  
Dibenzofuran  
Concen: 38.203 ng  
RT: 14.964 min Scan# 2010  
Delta R.T. -0.019 min  
Lab File: BG061216.D  
Acq: 16 May 2024 11:34

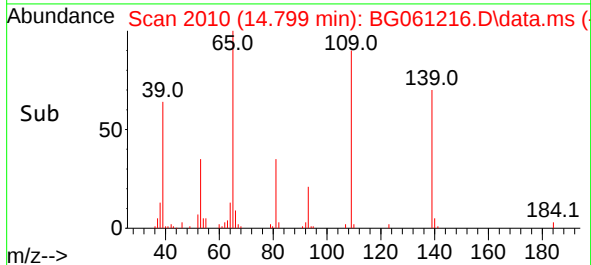
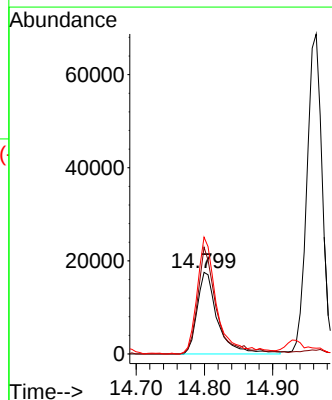
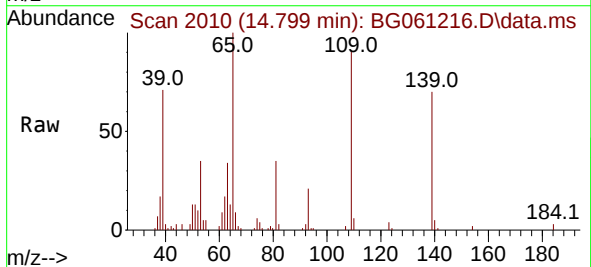
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

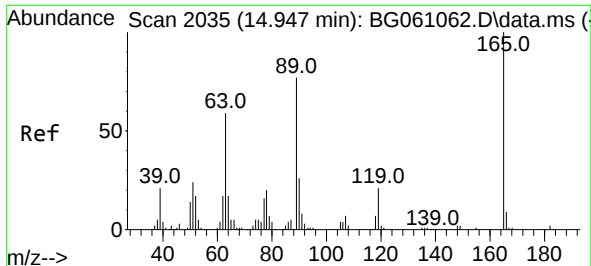
Tgt Ion:168 Resp: 251072  
Ion Ratio Lower Upper  
168 100  
139 41.5 32.2 48.4  
169 14.5 11.4 17.2



#56  
4-Nitrophenol  
Concen: 37.846 ng  
RT: 14.799 min Scan# 2010  
Delta R.T. -0.007 min  
Lab File: BG061216.D  
Acq: 16 May 2024 11:34

Tgt Ion:139 Resp: 36569  
Ion Ratio Lower Upper  
139 100  
109 130.9 97.7 137.7  
65 143.2 110.7 150.7





#57  
2,4-Dinitrotoluene  
Concen: 37.409 ng  
RT: 14.934 min Scan# 2033  
Delta R.T. -0.013 min  
Lab File: BG061216.D  
Acq: 16 May 2024 11:34

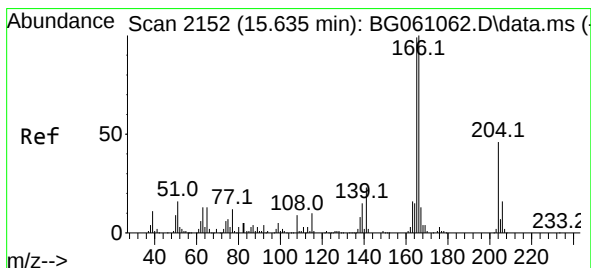
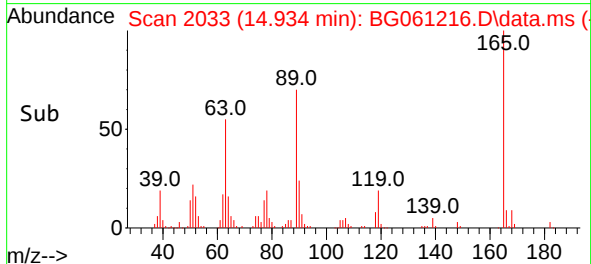
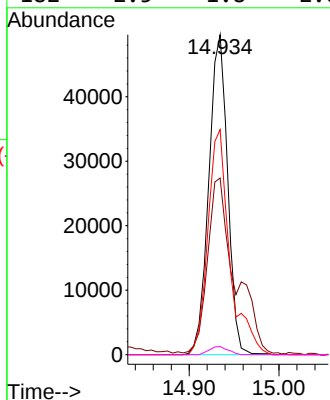
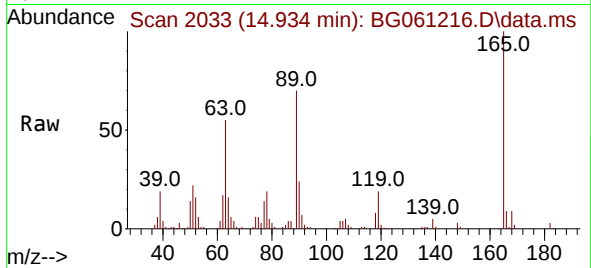
Instrument :

BNA\_G

ClientSampleId :

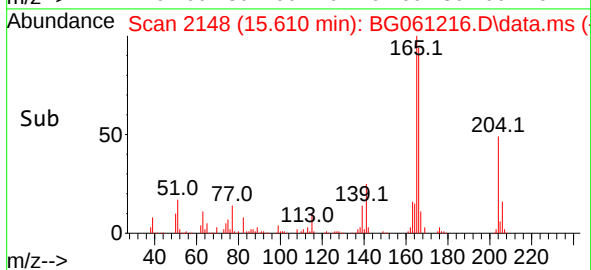
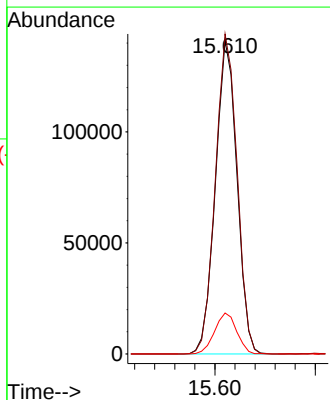
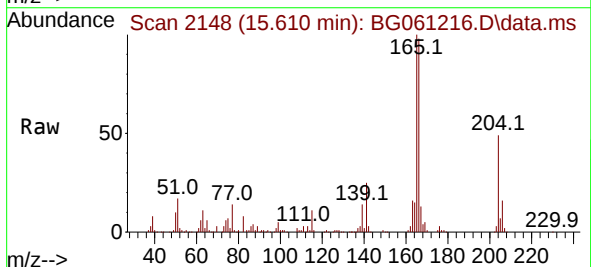
SSTDCCC040

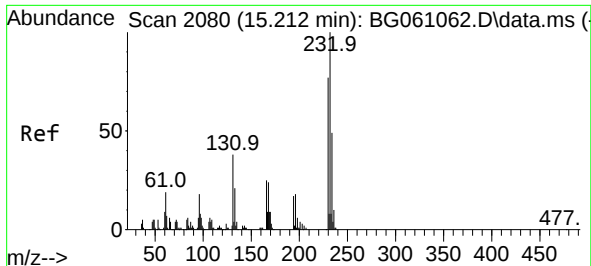
Tgt Ion:165 Resp: 72322  
Ion Ratio Lower Upper  
165 100  
63 55.2 47.3 70.9  
89 70.4 61.8 92.8  
182 2.5 1.8 2.6



#58  
Fluorene  
Concen: 36.978 ng  
RT: 15.610 min Scan# 2148  
Delta R.T. -0.025 min  
Lab File: BG061216.D  
Acq: 16 May 2024 11:34

Tgt Ion:166 Resp: 210289  
Ion Ratio Lower Upper  
166 100  
165 102.1 78.9 118.3  
167 13.1 10.6 15.8



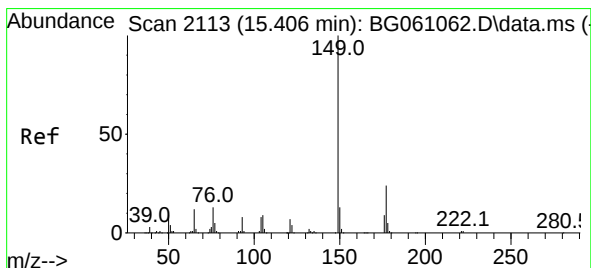
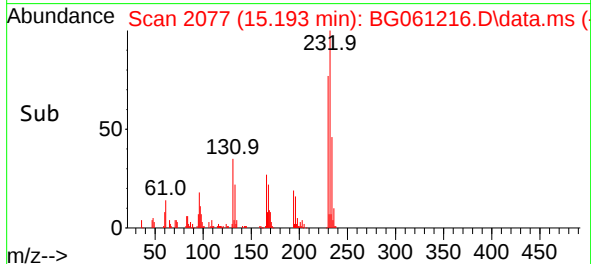
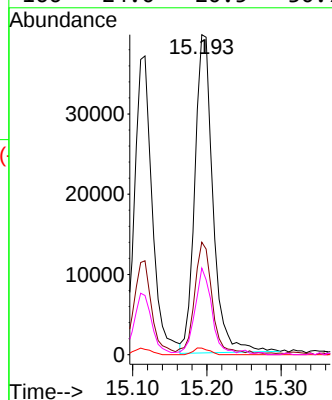
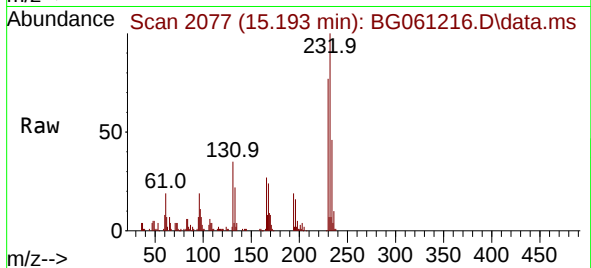


#59  
2,3,4,6-Tetrachlorophenol  
Concen: 34.160 ng  
RT: 15.193 min Scan# 2080  
Delta R.T. -0.019 min  
Lab File: BG061216.D  
Acq: 16 May 2024 11:34

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

Tgt Ion:232 Resp: 67443

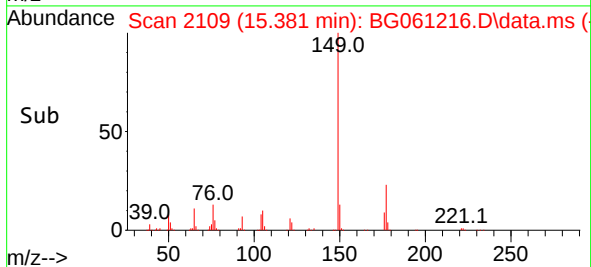
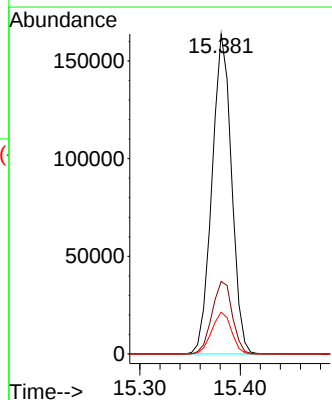
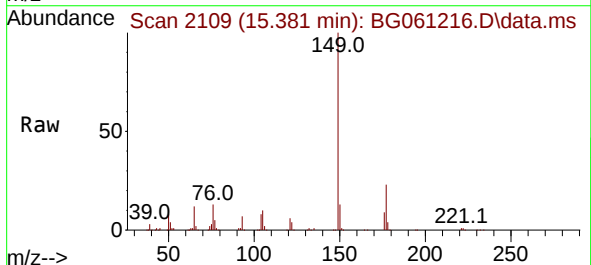
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 232 | 100   |       |       |
| 131 | 35.3  | 27.0  | 40.4  |
| 130 | 1.8   | 1.7   | 2.5   |
| 166 | 24.0  | 20.5  | 30.7  |

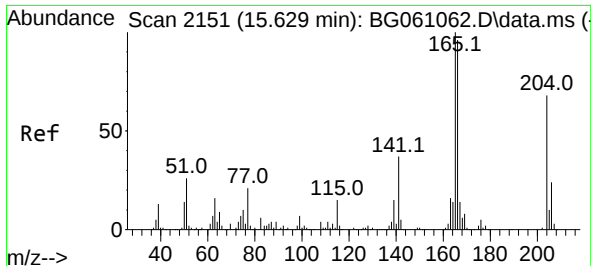


#60  
Diethylphthalate  
Concen: 36.000 ng  
RT: 15.381 min Scan# 2109  
Delta R.T. -0.025 min  
Lab File: BG061216.D  
Acq: 16 May 2024 11:34

Tgt Ion:149 Resp: 221783

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 177 | 22.7  | 19.1  | 28.7  |
| 150 | 13.1  | 10.6  | 16.0  |

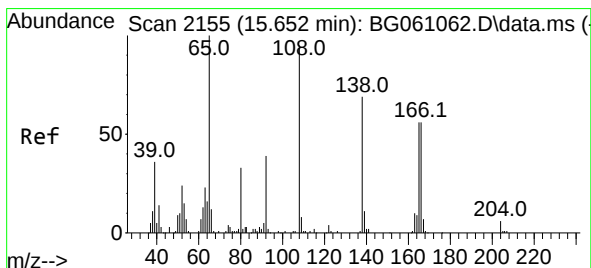
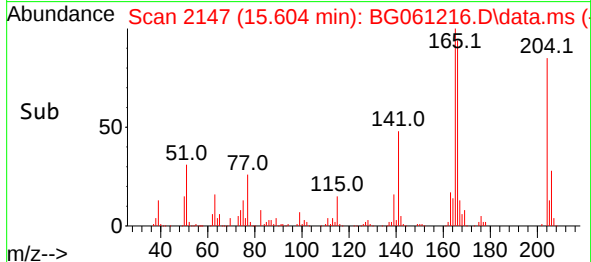
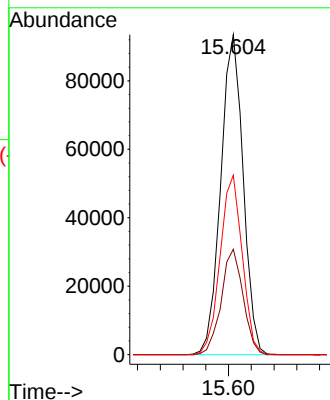
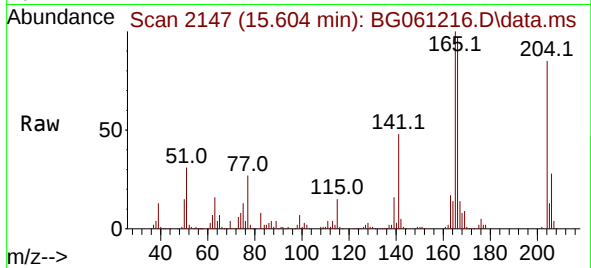




#61  
4-Chlorophenyl-phenylether  
Concen: 37.461 ng  
RT: 15.604 min Scan# 2151  
Delta R.T. -0.025 min  
Lab File: BG061216.D  
Acq: 16 May 2024 11:34

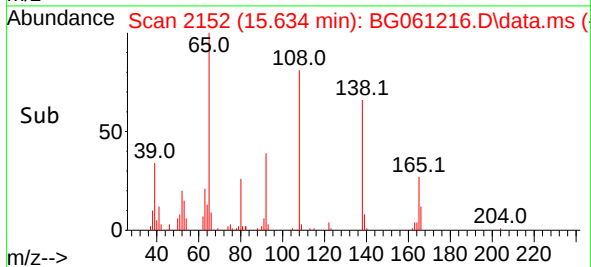
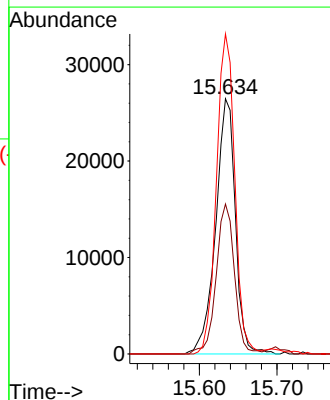
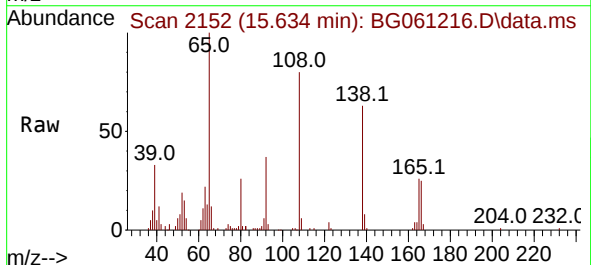
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

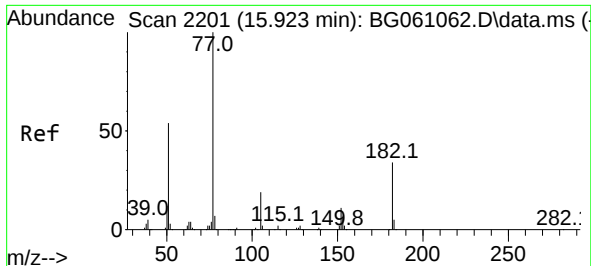
Tgt Ion:204 Resp: 127918  
Ion Ratio Lower Upper  
204 100  
206 33.0 27.8 41.6  
141 56.1 42.9 64.3



#62  
4-Nitroaniline  
Concen: 36.141 ng  
RT: 15.634 min Scan# 2152  
Delta R.T. -0.019 min  
Lab File: BG061216.D  
Acq: 16 May 2024 11:34

Tgt Ion:138 Resp: 46866  
Ion Ratio Lower Upper  
138 100  
92 58.7 35.5 75.5  
108 125.4 116.2 156.2

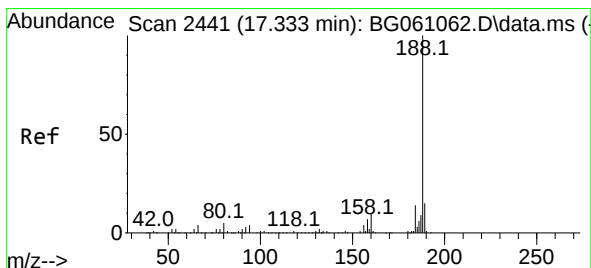
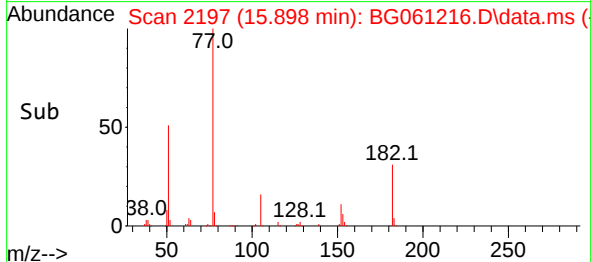
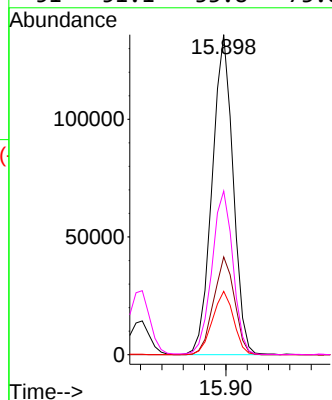
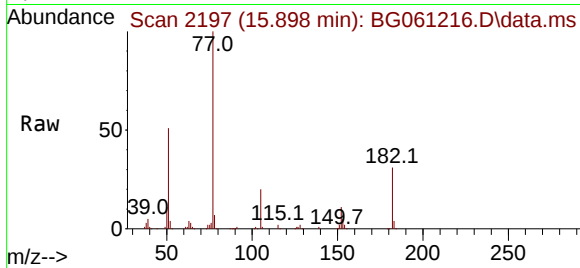




#63  
Azobenzene  
Concen: 38.668 ng  
RT: 15.898 min Scan# 2197  
Delta R.T. -0.025 min  
Lab File: BG061216.D  
Acq: 16 May 2024 11:34

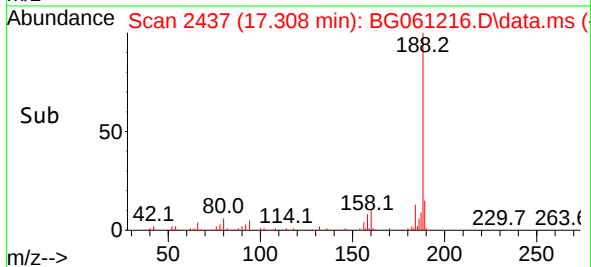
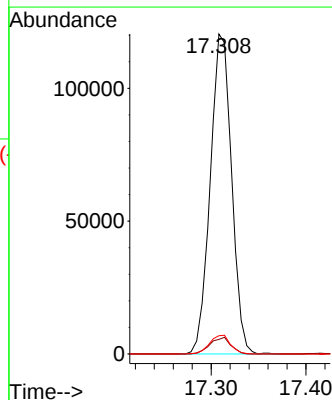
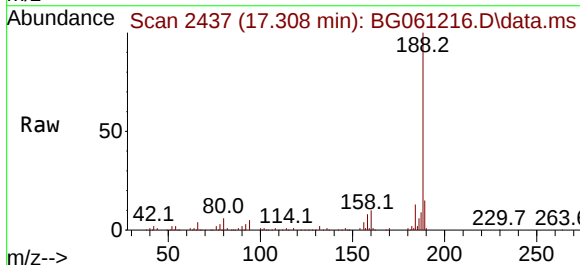
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

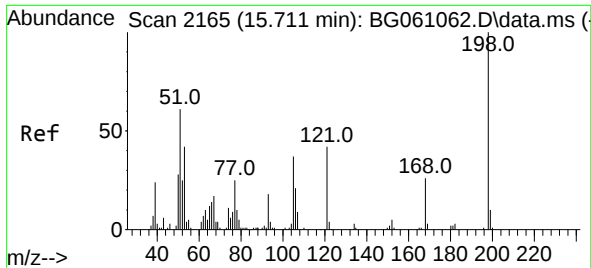
|             |              |
|-------------|--------------|
| Tgt Ion: 77 | Resp: 185440 |
| Ion Ratio   | Lower Upper  |
| 77 100      |              |
| 182 30.6    | 13.5 53.5    |
| 105 19.8    | 0.0 39.3     |
| 51 51.1     | 33.8 73.8    |



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.308 min Scan# 2437  
Delta R.T. -0.025 min  
Lab File: BG061216.D  
Acq: 16 May 2024 11:34

|             |              |
|-------------|--------------|
| Tgt Ion:188 | Resp: 188137 |
| Ion Ratio   | Lower Upper  |
| 188 100     |              |
| 94 4.6      | 3.6 5.4      |
| 80 5.7      | 4.2 6.2      |

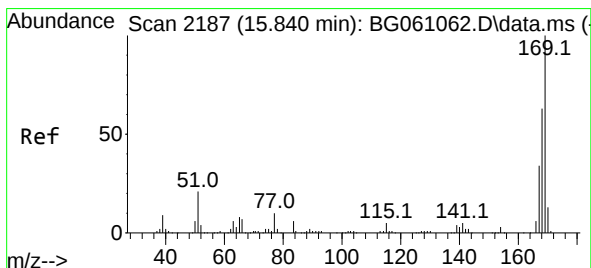
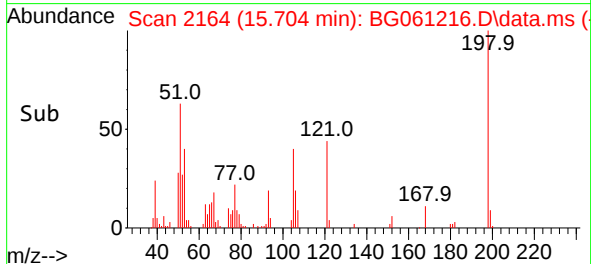
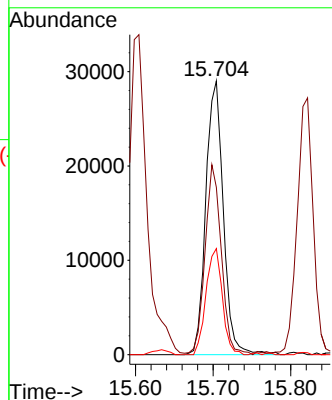
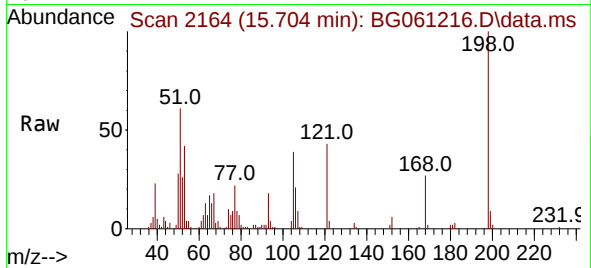




#65  
4,6-Dinitro-2-methylphenol  
Concen: 38.969 ng  
RT: 15.704 min Scan# 2164  
Delta R.T. -0.007 min  
Lab File: BG061216.D  
Acq: 16 May 2024 11:34

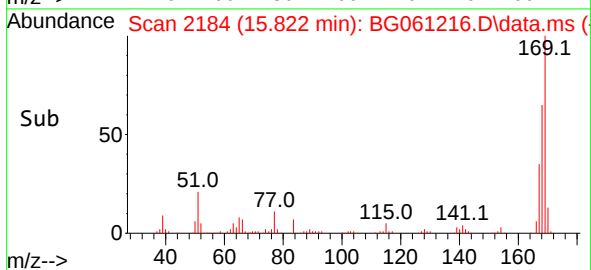
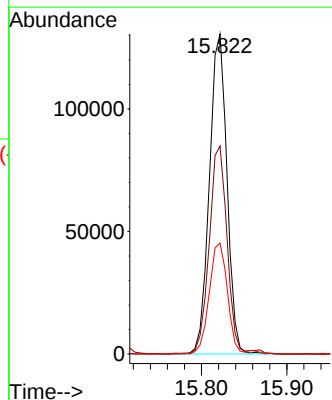
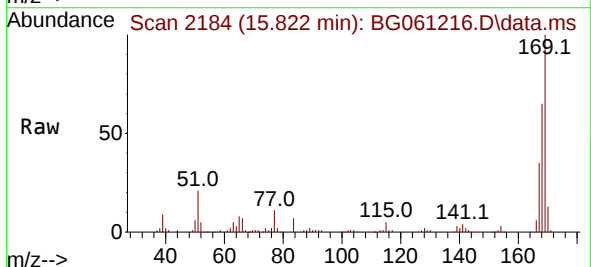
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

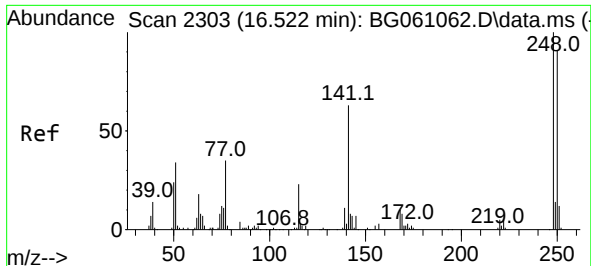
Tgt Ion:198 Resp: 45488  
Ion Ratio Lower Upper  
198 100  
51 61.1 41.2 81.2  
105 38.8 16.7 56.7



#66  
n-Nitrosodiphenylamine  
Concen: 39.951 ng  
RT: 15.822 min Scan# 2184  
Delta R.T. -0.019 min  
Lab File: BG061216.D  
Acq: 16 May 2024 11:34

Tgt Ion:169 Resp: 186391  
Ion Ratio Lower Upper  
169 100  
168 65.0 50.6 75.8  
167 34.7 27.4 41.2

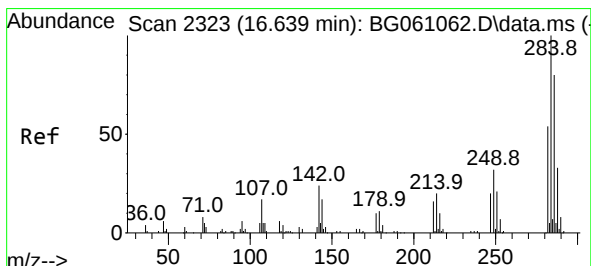
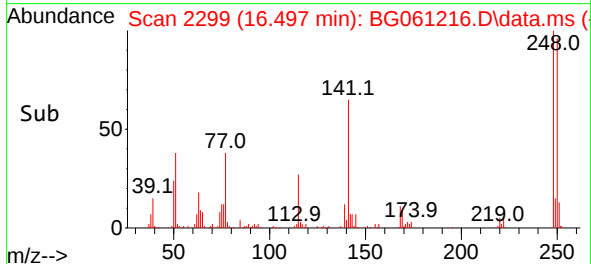
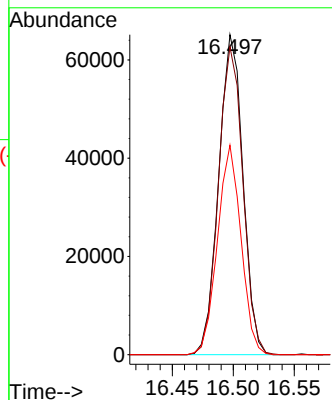
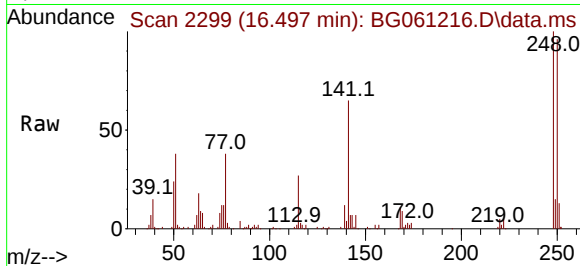




#67  
 4-Bromophenyl-phenylether  
 Concen: 40.720 ng  
 RT: 16.497 min Scan# 21  
 Delta R.T. -0.025 min  
 Lab File: BG061216.D  
 Acq: 16 May 2024 11:34

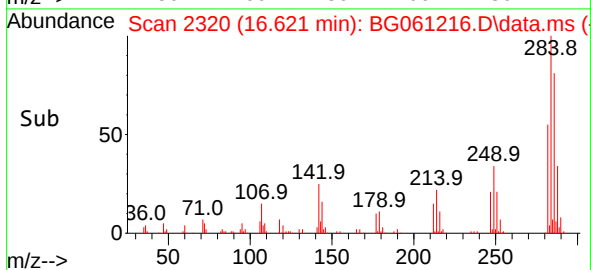
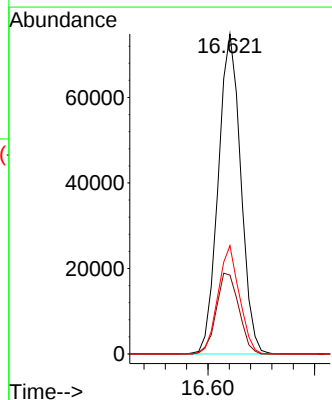
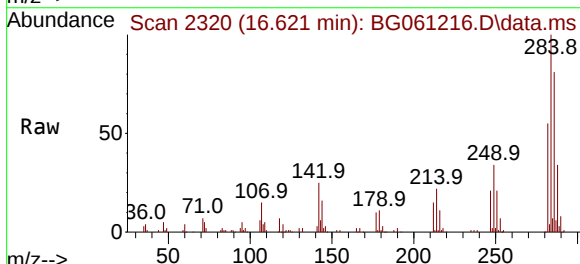
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

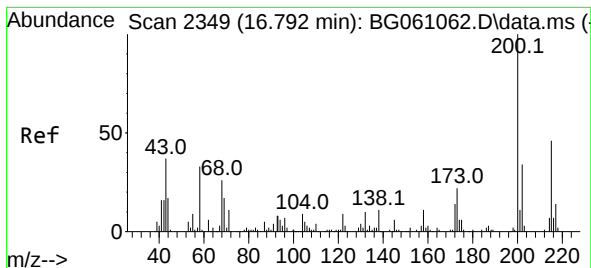
Tgt Ion:248 Resp: 90248  
 Ion Ratio Lower Upper  
 248 100  
 250 96.2 73.0 109.4  
 141 65.5 50.8 76.2



#68  
 Hexachlorobenzene  
 Concen: 39.773 ng  
 RT: 16.621 min Scan# 2320  
 Delta R.T. -0.019 min  
 Lab File: BG061216.D  
 Acq: 16 May 2024 11:34

Tgt Ion:284 Resp: 109714  
 Ion Ratio Lower Upper  
 284 100  
 142 24.6 19.2 28.8  
 249 33.9 25.4 38.2





#69

Atrazine

Concen: 34.668 ng

RT: 16.768 min Scan# 21

Delta R.T. -0.025 min

Lab File: BG061216.D

Acq: 16 May 2024 11:34

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

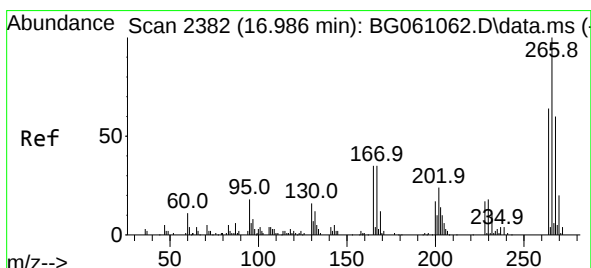
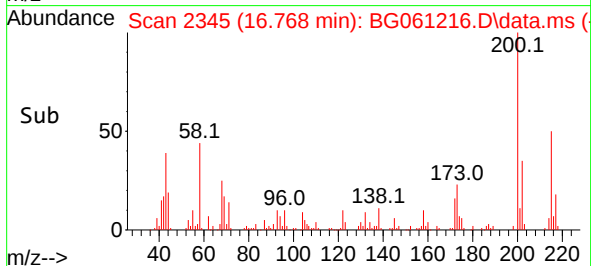
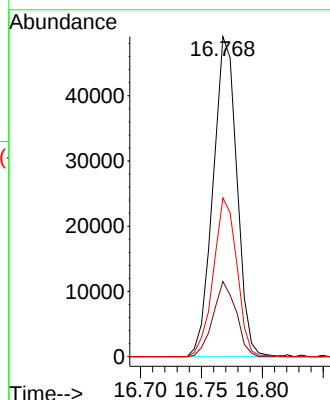
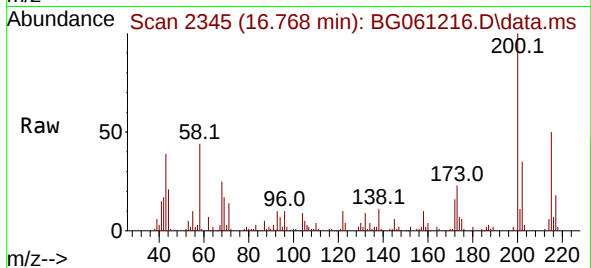
Tgt Ion:200 Resp: 66703

Ion Ratio Lower Upper

200 100

173 23.5 2.0 42.0

215 49.6 26.2 66.2



#70

Pentachlorophenol

Concen: 33.795 ng

RT: 16.967 min Scan# 2379

Delta R.T. -0.019 min

Lab File: BG061216.D

Acq: 16 May 2024 11:34

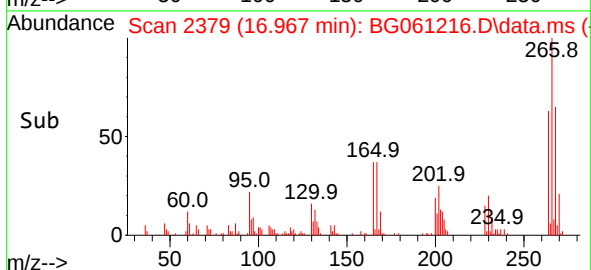
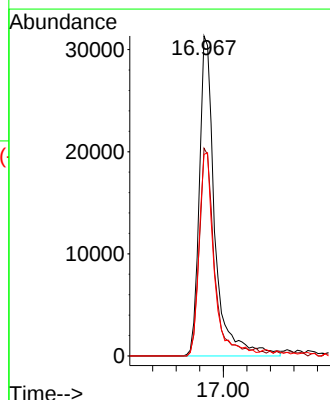
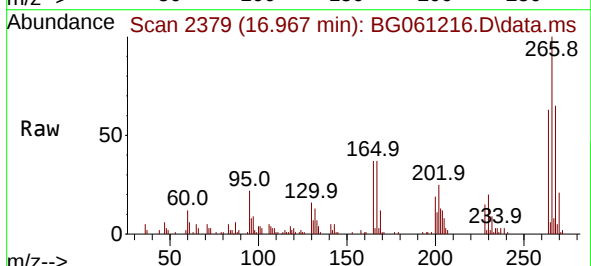
Tgt Ion:266 Resp: 57272

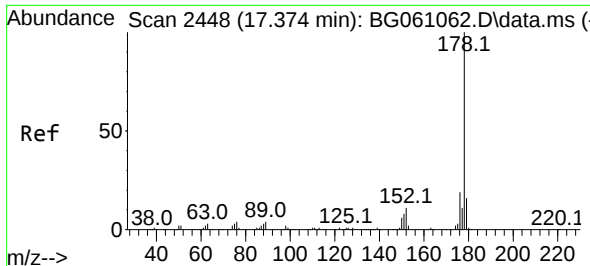
Ion Ratio Lower Upper

266 100

268 64.9 47.8 71.8

264 63.0 51.5 77.3

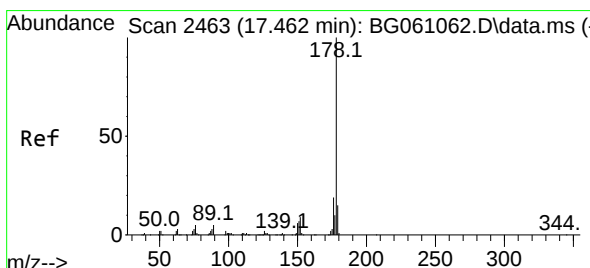
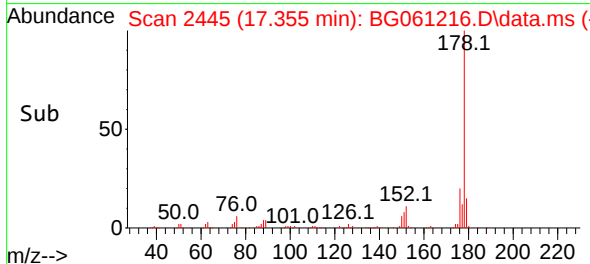
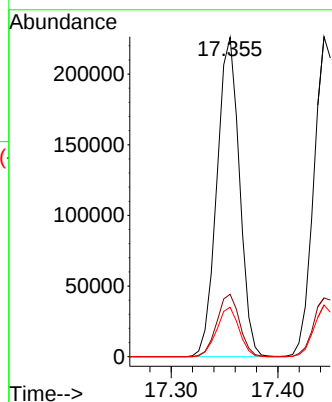
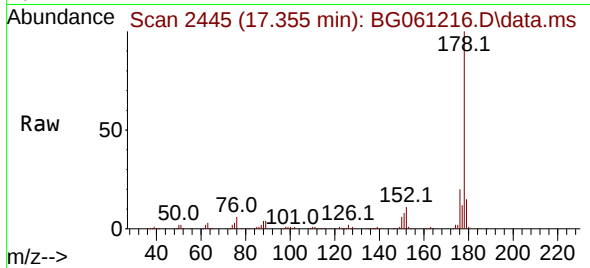




#71  
Phenanthrene  
Concen: 38.541 ng  
RT: 17.355 min Scan# 2445  
Delta R.T. -0.019 min  
Lab File: BG061216.D  
Acq: 16 May 2024 11:34

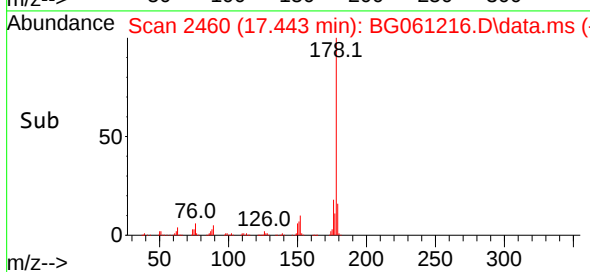
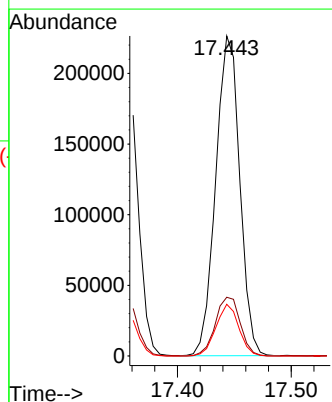
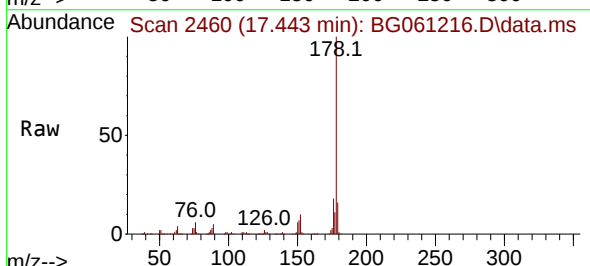
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

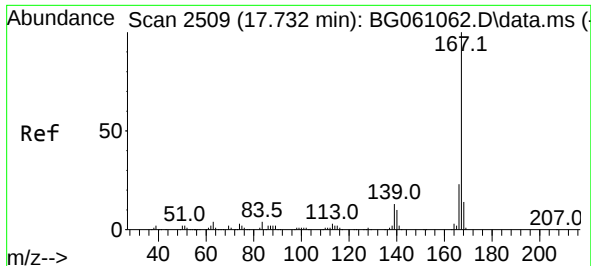
Tgt Ion:178 Resp: 331549  
Ion Ratio Lower Upper  
178 100  
176 19.5 15.5 23.3  
179 15.5 12.6 19.0



#72  
Anthracene  
Concen: 38.712 ng  
RT: 17.443 min Scan# 2460  
Delta R.T. -0.019 min  
Lab File: BG061216.D  
Acq: 16 May 2024 11:34

Tgt Ion:178 Resp: 332294  
Ion Ratio Lower Upper  
178 100  
176 18.4 15.0 22.6  
179 16.1 12.0 18.0

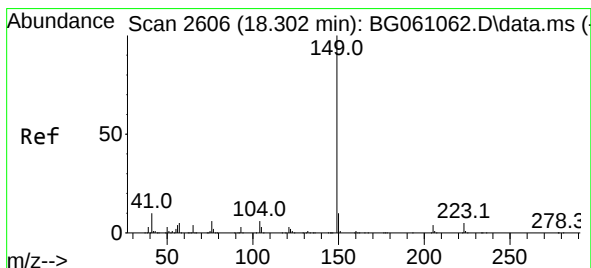
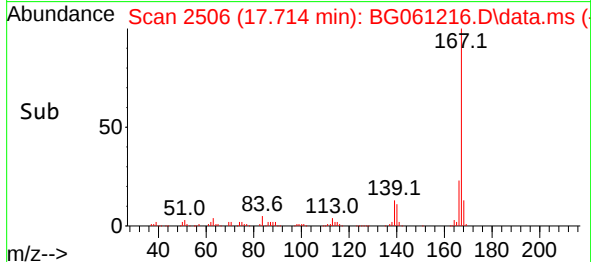
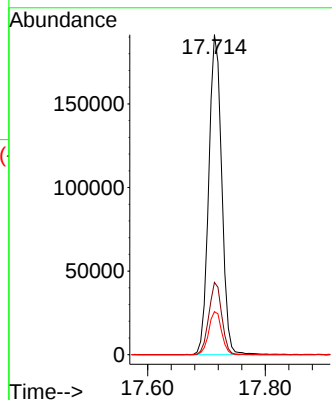
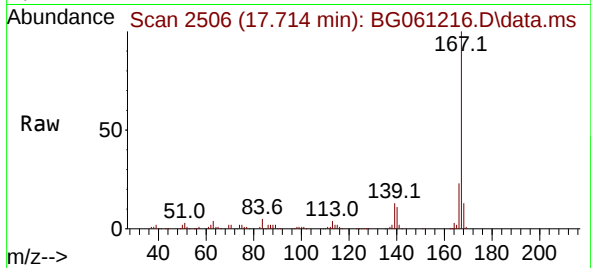




#73  
 Carbazole  
 Concen: 38.740 ng  
 RT: 17.714 min Scan# 21  
 Delta R.T. -0.019 min  
 Lab File: BG061216.D  
 Acq: 16 May 2024 11:34

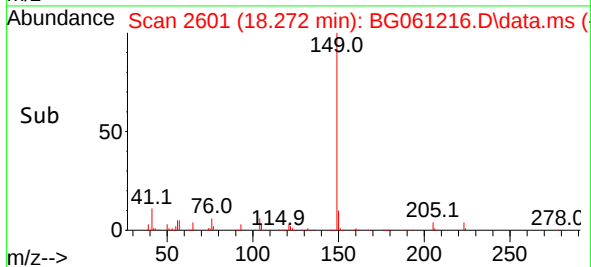
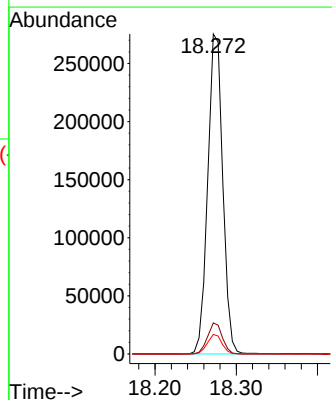
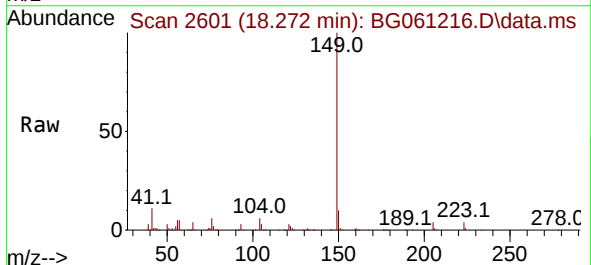
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

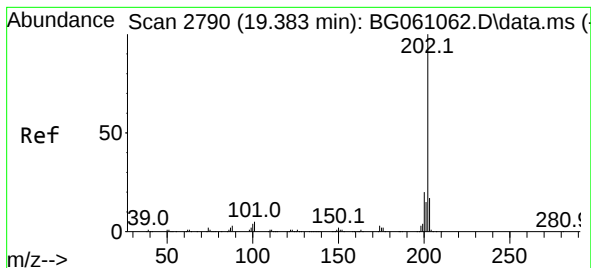
Tgt Ion:167 Resp: 292375  
 Ion Ratio Lower Upper  
 167 100  
 166 22.6 18.7 28.1  
 139 13.4 10.6 15.8



#74  
 Di-n-butylphthalate  
 Concen: 39.323 ng  
 RT: 18.272 min Scan# 2601  
 Delta R.T. -0.030 min  
 Lab File: BG061216.D  
 Acq: 16 May 2024 11:34

Tgt Ion:149 Resp: 352897  
 Ion Ratio Lower Upper  
 149 100  
 150 9.7 7.7 11.5  
 104 6.1 5.0 7.6





#75

Fluoranthene

Concen: 38.234 ng

RT: 19.365 min Scan# 21

Delta R.T. -0.019 min

Lab File: BG061216.D

Acq: 16 May 2024 11:34

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

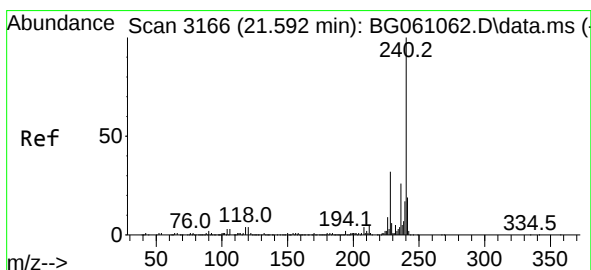
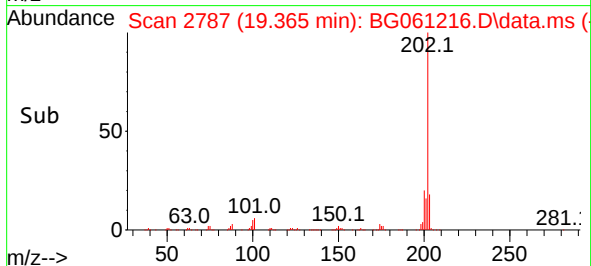
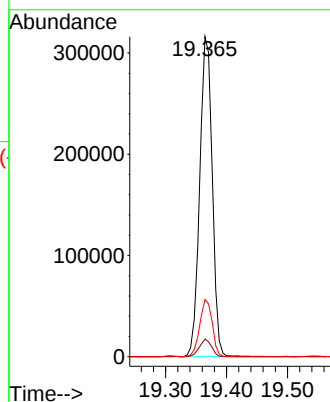
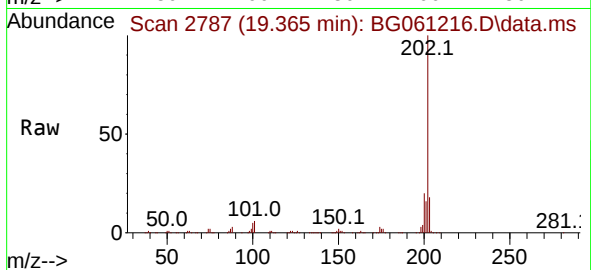
Tgt Ion:202 Resp: 450590

Ion Ratio Lower Upper

202 100

101 5.5 0.0 24.7

203 17.9 0.0 37.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.574 min Scan# 3163

Delta R.T. -0.019 min

Lab File: BG061216.D

Acq: 16 May 2024 11:34

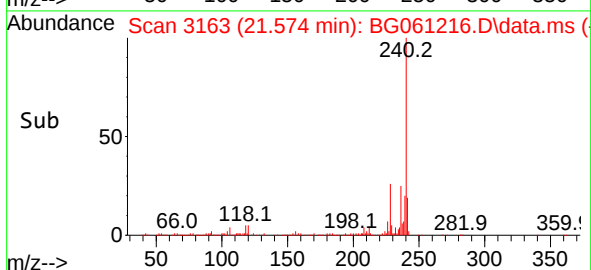
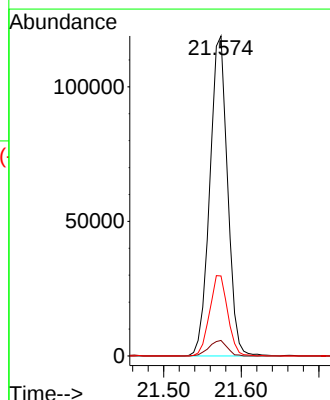
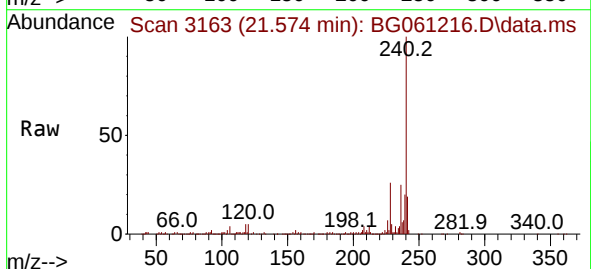
Tgt Ion:240 Resp: 188841

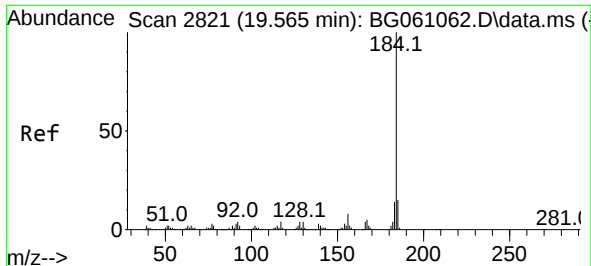
Ion Ratio Lower Upper

240 100

120 4.8 3.2 4.8#

236 25.0 21.0 31.6

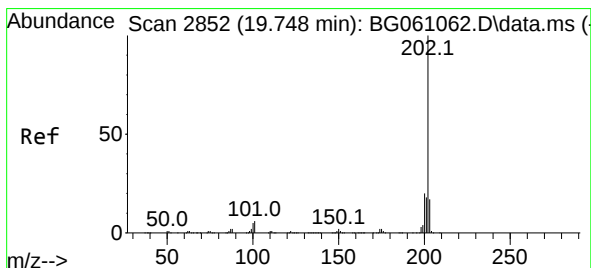
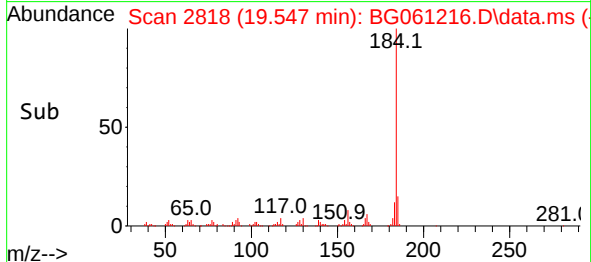
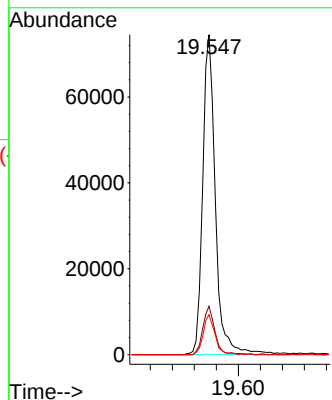
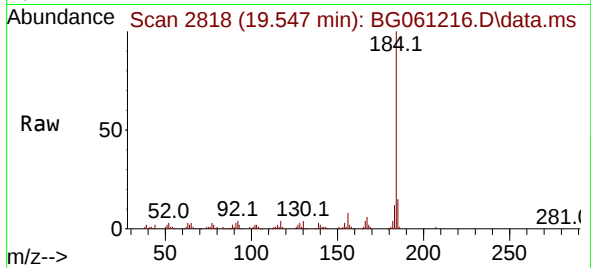




#77  
Benzidine  
Concen: 34.069 ng  
RT: 19.547 min Scan# 2818  
Delta R.T. -0.018 min  
Lab File: BG061216.D  
Acq: 16 May 2024 11:34

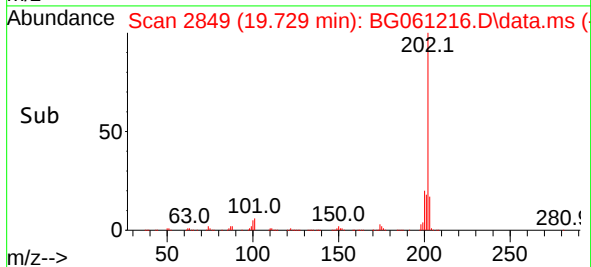
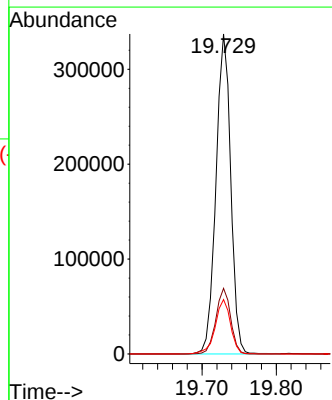
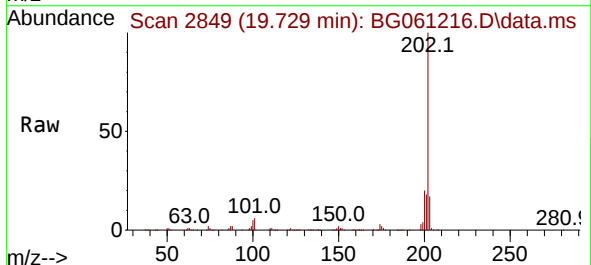
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

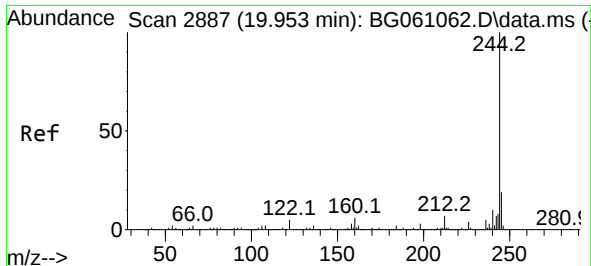
Tgt Ion:184 Resp: 119330  
Ion Ratio Lower Upper  
184 100  
185 15.1 12.0 18.0  
183 12.5 10.9 16.3



#78  
Pyrene  
Concen: 38.750 ng  
RT: 19.729 min Scan# 2849  
Delta R.T. -0.019 min  
Lab File: BG061216.D  
Acq: 16 May 2024 11:34

Tgt Ion:202 Resp: 465221  
Ion Ratio Lower Upper  
202 100  
200 20.5 16.2 24.4  
203 17.0 13.3 19.9

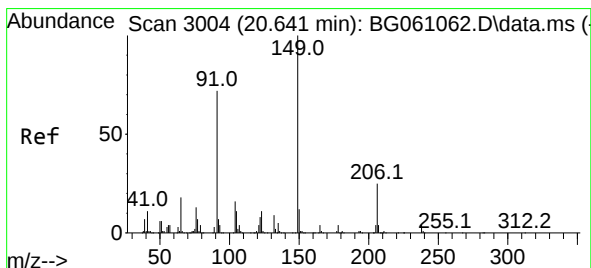
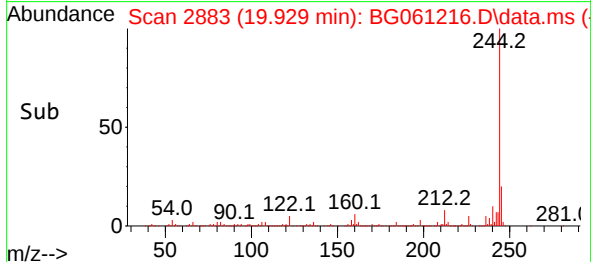
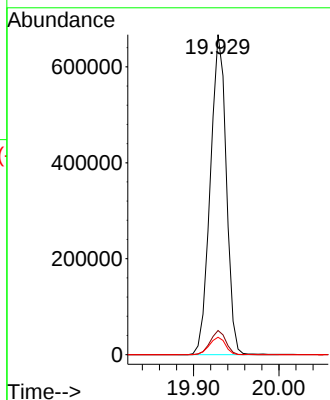
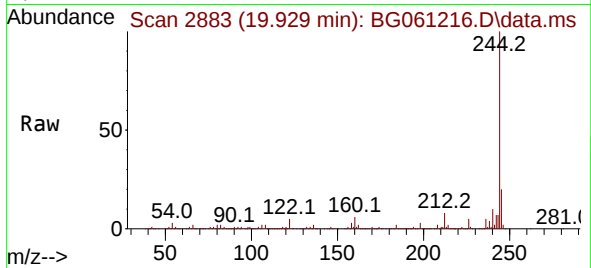




#79  
 Terphenyl-d14  
 Concen: 76.514 ng  
 RT: 19.929 min Scan# 21  
 Delta R.T. -0.025 min  
 Lab File: BG061216.D  
 Acq: 16 May 2024 11:34

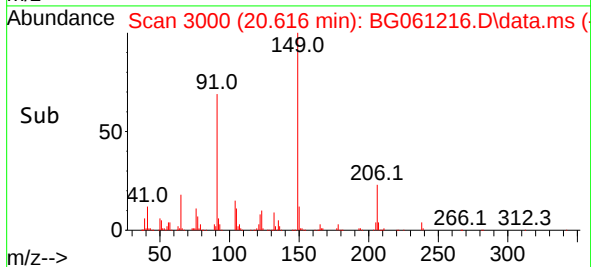
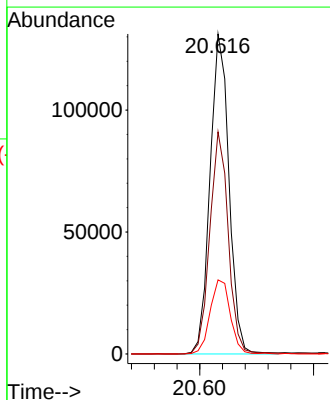
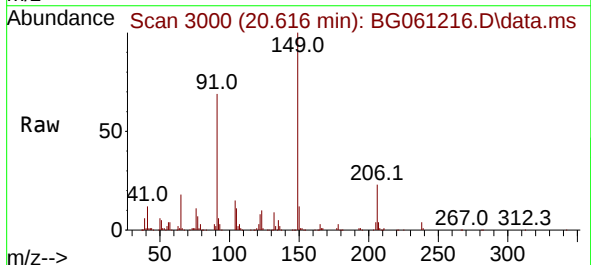
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

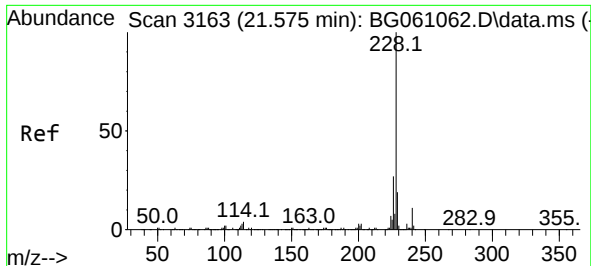
Tgt Ion:244 Resp: 868774  
 Ion Ratio Lower Upper  
 244 100  
 212 7.6 5.7 8.5  
 122 5.5 4.2 6.2



#80  
 Butylbenzylphthalate  
 Concen: 39.975 ng  
 RT: 20.616 min Scan# 3000  
 Delta R.T. -0.025 min  
 Lab File: BG061216.D  
 Acq: 16 May 2024 11:34

Tgt Ion:149 Resp: 151920  
 Ion Ratio Lower Upper  
 149 100  
 91 69.4 57.4 86.2  
 206 23.1 19.8 29.6

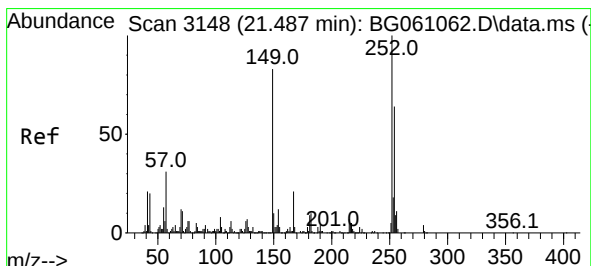
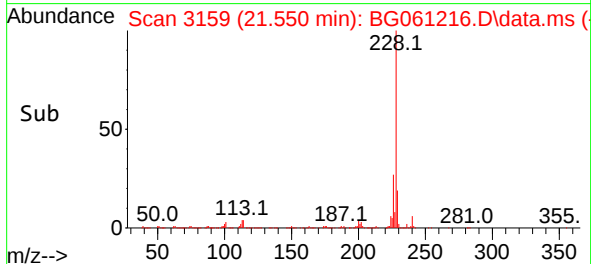
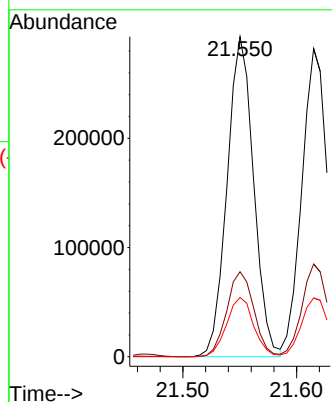
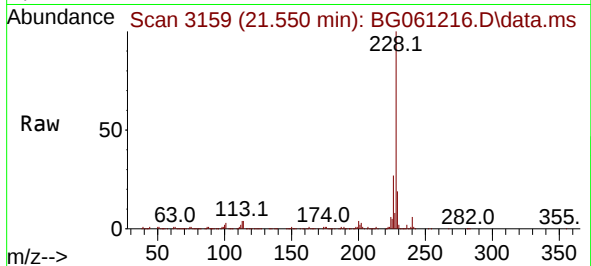




#81  
Benzo(a)anthracene  
Concen: 38.452 ng  
RT: 21.550 min Scan# 3163  
Delta R.T. -0.025 min  
Lab File: BG061216.D  
Acq: 16 May 2024 11:34

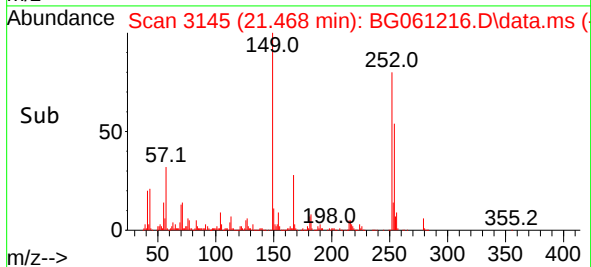
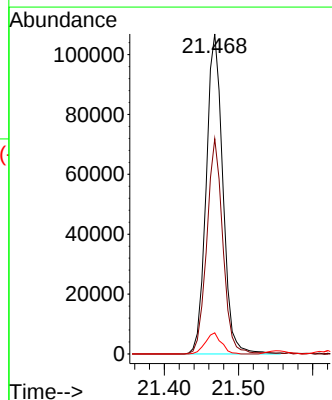
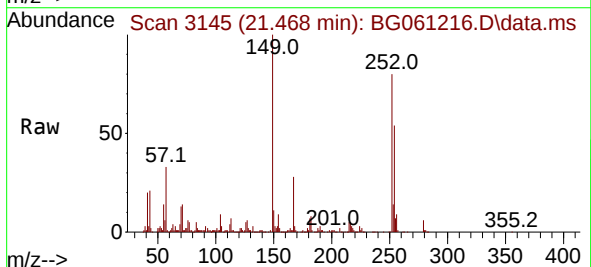
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

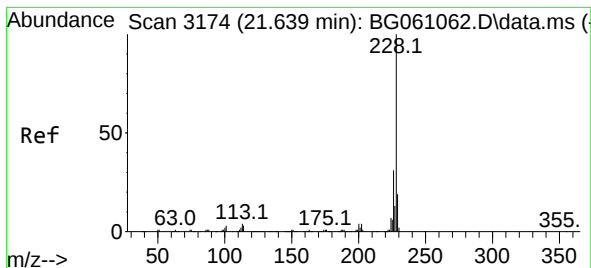
Tgt Ion:228 Resp: 475159  
Ion Ratio Lower Upper  
228 100  
226 26.6 21.6 32.4  
229 18.5 15.0 22.4



#82  
3,3'-Dichlorobenzidine  
Concen: 37.432 ng  
RT: 21.468 min Scan# 3145  
Delta R.T. -0.019 min  
Lab File: BG061216.D  
Acq: 16 May 2024 11:34

Tgt Ion:252 Resp: 166464  
Ion Ratio Lower Upper  
252 100  
254 67.2 51.3 76.9  
126 6.6 5.2 7.8





#83

Chrysene

Concen: 38.564 ng

RT: 21.615 min Scan# 3170

Delta R.T. -0.025 min

Lab File: BG061216.D

Acq: 16 May 2024 11:34

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

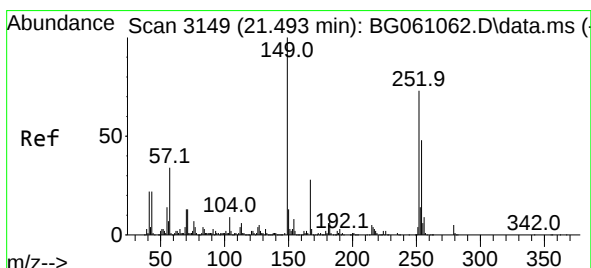
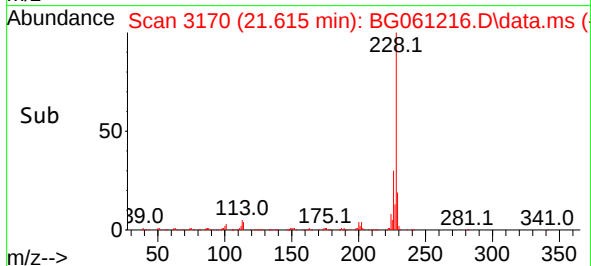
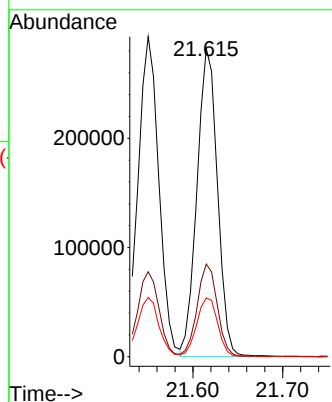
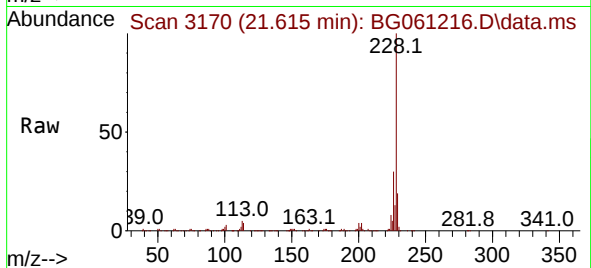
Tgt Ion:228 Resp: 446477

Ion Ratio Lower Upper

228 100

226 30.0 24.4 36.6

229 19.1 14.8 22.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.253 ng

RT: 21.462 min Scan# 3144

Delta R.T. -0.030 min

Lab File: BG061216.D

Acq: 16 May 2024 11:34

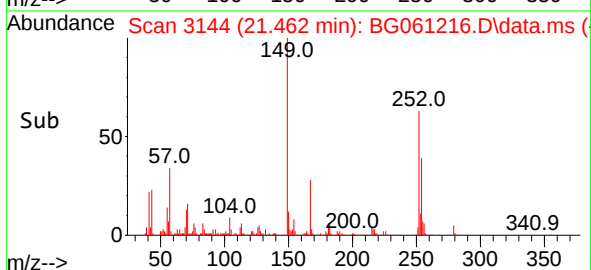
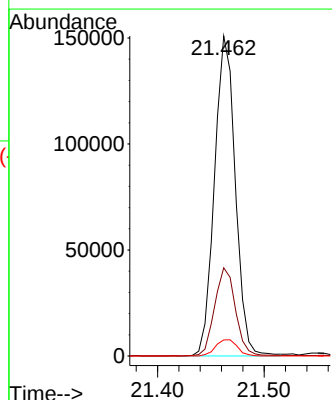
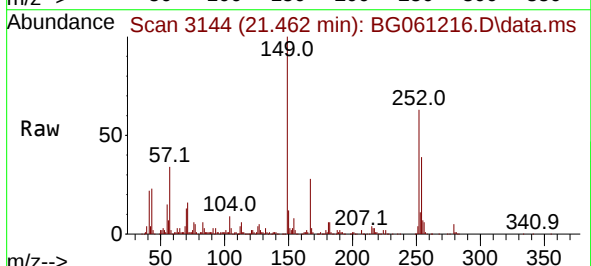
Tgt Ion:149 Resp: 204722

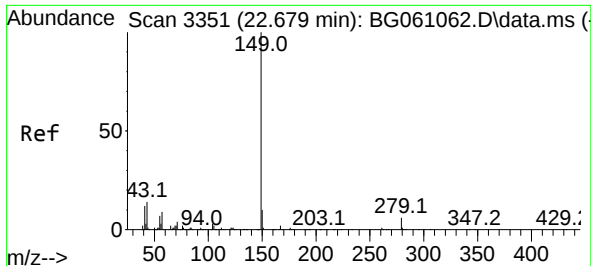
Ion Ratio Lower Upper

149 100

167 27.5 22.1 33.1

279 5.0 4.1 6.1

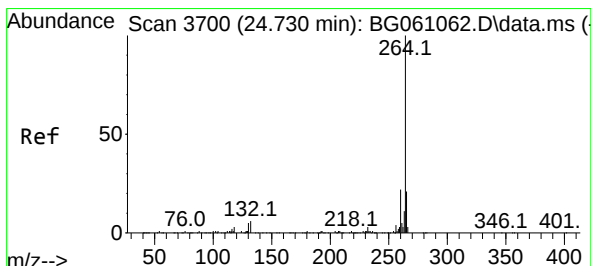
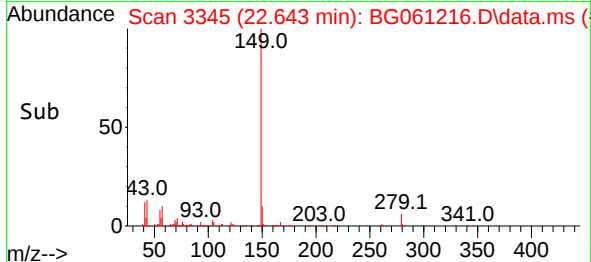
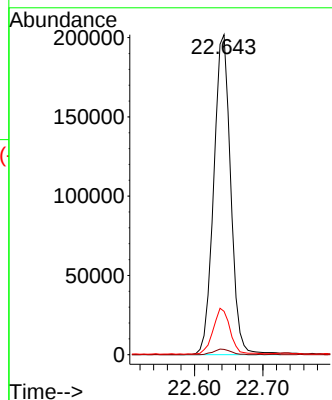
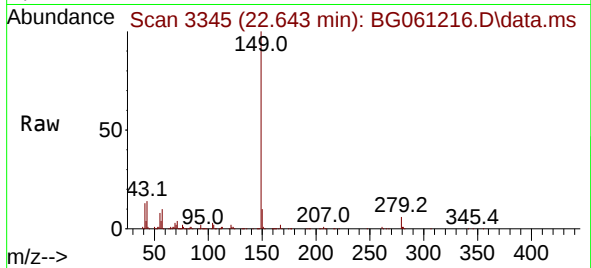




#85  
Di-n-octyl phthalate  
Concen: 39.870 ng  
RT: 22.643 min Scan# 31  
Delta R.T. -0.036 min  
Lab File: BG061216.D  
Acq: 16 May 2024 11:34

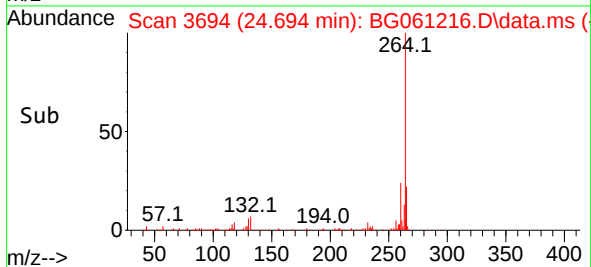
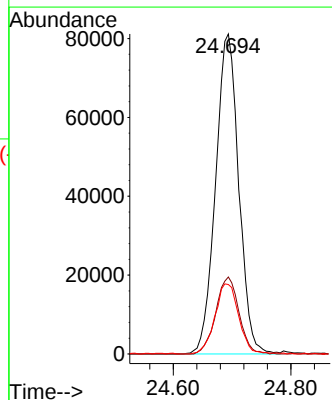
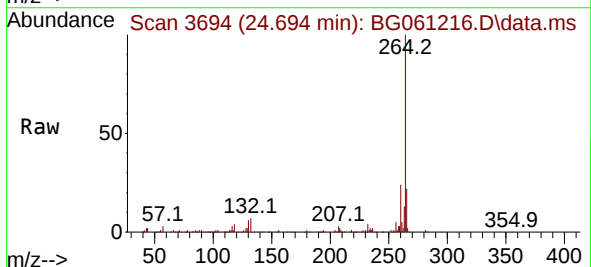
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

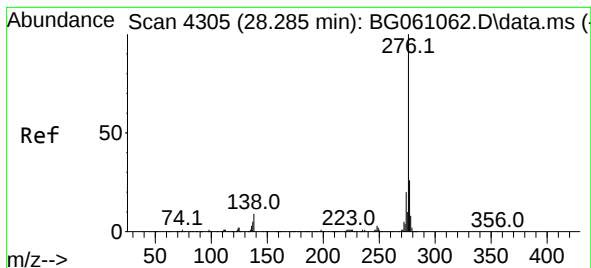
Tgt Ion:149 Resp: 349078  
Ion Ratio Lower Upper  
149 100  
167 1.8 1.4 2.0  
43 14.3 10.6 15.8



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 24.694 min Scan# 3694  
Delta R.T. -0.036 min  
Lab File: BG061216.D  
Acq: 16 May 2024 11:34

Tgt Ion:264 Resp: 221907  
Ion Ratio Lower Upper  
264 100  
260 24.1 17.7 26.5  
265 21.7 16.4 24.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 38.767 ng

RT: 28.248 min Scan# 41

Delta R.T. -0.036 min

Lab File: BG061216.D

Acq: 16 May 2024 11:34

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

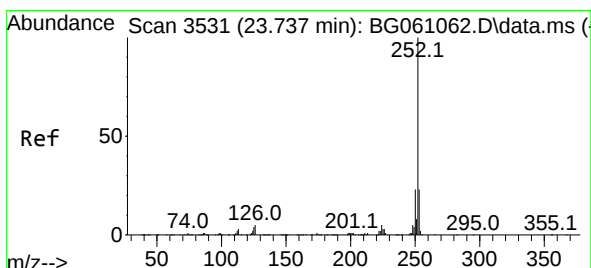
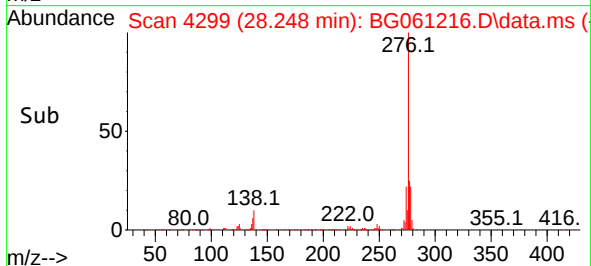
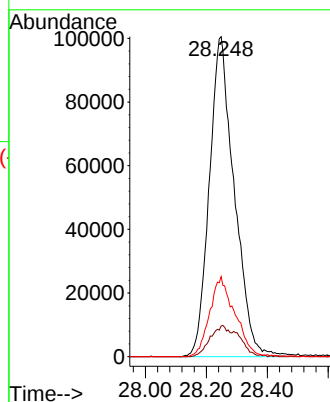
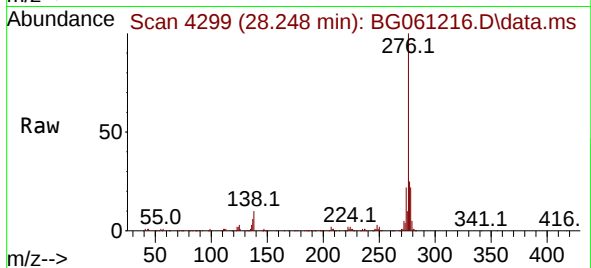
Tgt Ion:276 Resp: 570118

Ion Ratio Lower Upper

276 100

138 7.7 5.1 7.7#

277 25.4 20.6 30.8



#88

Benzo(b)fluoranthene

Concen: 37.184 ng

RT: 23.707 min Scan# 3526

Delta R.T. -0.030 min

Lab File: BG061216.D

Acq: 16 May 2024 11:34

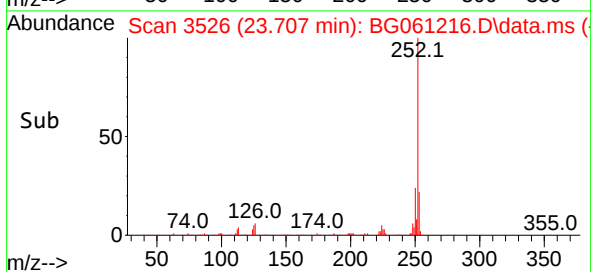
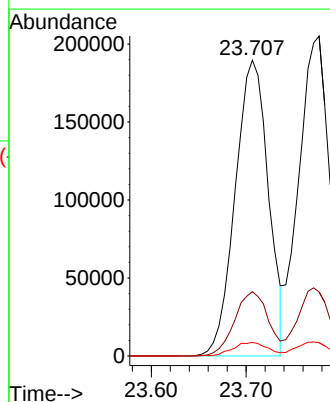
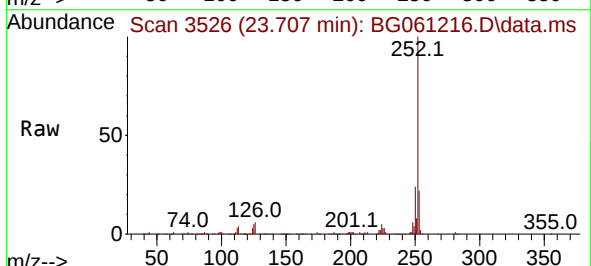
Tgt Ion:252 Resp: 461096

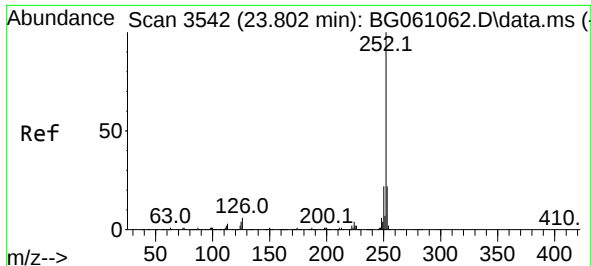
Ion Ratio Lower Upper

252 100

253 21.8 18.2 27.2

125 4.6 3.4 5.0

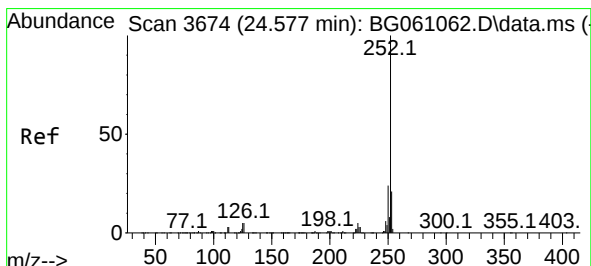
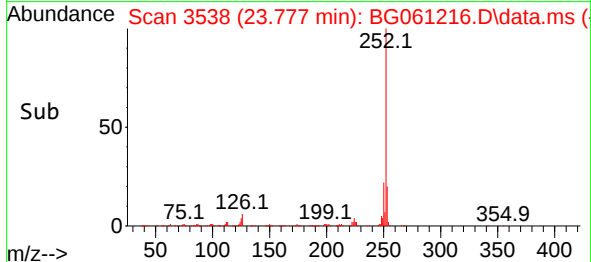
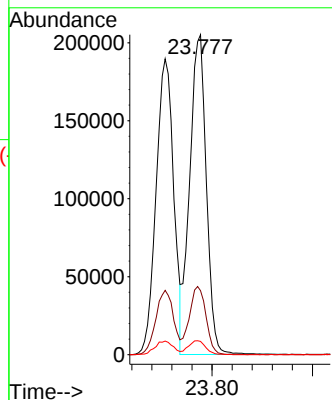
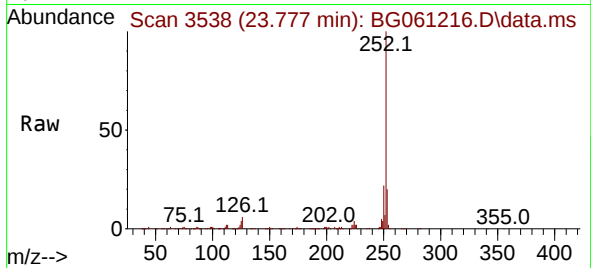




#89  
Benzo(k)fluoranthene  
Concen: 39.611 ng  
RT: 23.777 min Scan# 31  
Delta R.T. -0.025 min  
Lab File: BG061216.D  
Acq: 16 May 2024 11:34

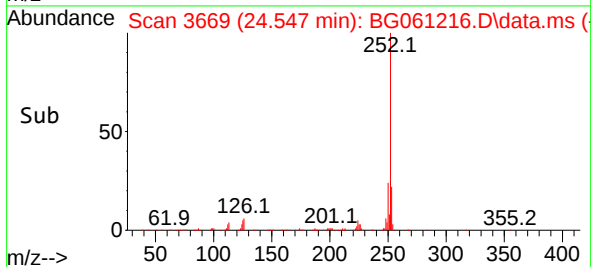
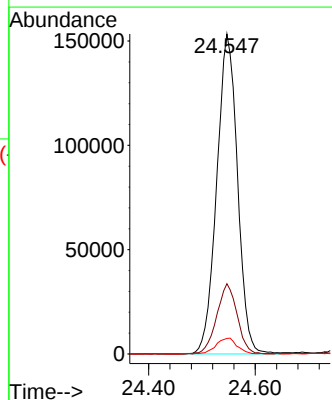
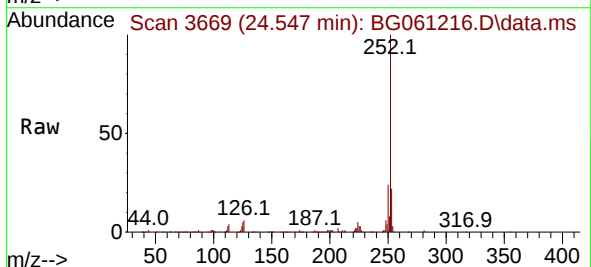
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

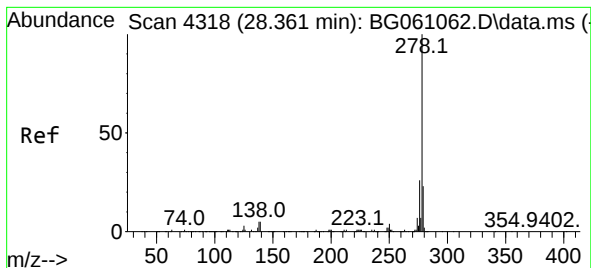
Tgt Ion:252 Resp: 472541  
Ion Ratio Lower Upper  
252 100  
253 20.0 17.3 25.9  
125 4.2 3.2 4.8



#90  
Benzo(a)pyrene  
Concen: 38.366 ng  
RT: 24.547 min Scan# 3669  
Delta R.T. -0.030 min  
Lab File: BG061216.D  
Acq: 16 May 2024 11:34

Tgt Ion:252 Resp: 414479  
Ion Ratio Lower Upper  
252 100  
253 21.9 16.9 25.3  
125 4.9 3.8 5.8





#91

Dibenzo(a,h)anthracene

Concen: 38.838 ng

RT: 28.301 min Scan# 41

Delta R.T. -0.060 min

Lab File: BG061216.D

Acq: 16 May 2024 11:34

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

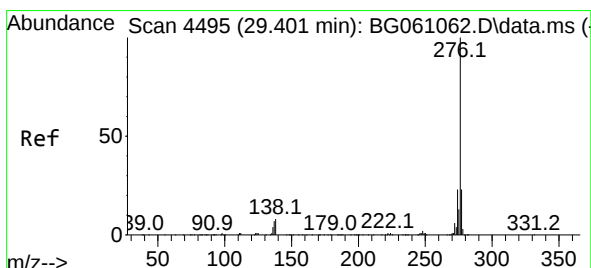
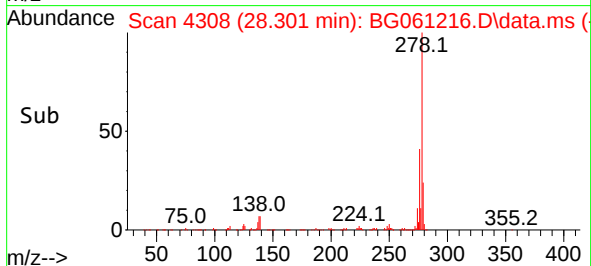
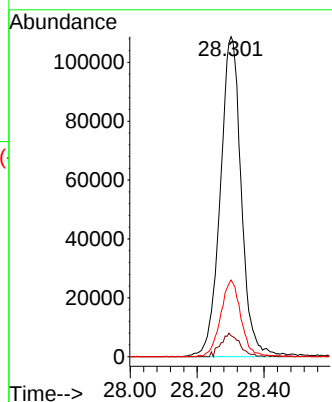
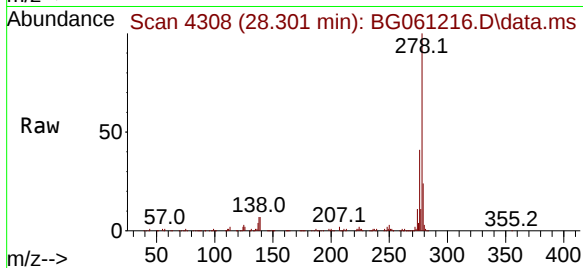
Tgt Ion:278 Resp: 472998

Ion Ratio Lower Upper

278 100

139 6.5 4.2 6.2#

279 24.0 18.0 27.0



#92

Benzo(g,h,i)perylene

Concen: 38.404 ng

RT: 29.359 min Scan# 4488

Delta R.T. -0.042 min

Lab File: BG061216.D

Acq: 16 May 2024 11:34

Tgt Ion:276 Resp: 464788

Ion Ratio Lower Upper

276 100

277 23.5 18.2 27.4

138 9.3 6.2 9.2#

