

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG121523\  
 Data File : BG060029.D  
 Acq On : 15 Dec 2023 10:25  
 Operator : MA/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

Quant Time: Dec 15 11:00:18 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG121323.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Dec 14 01:47:12 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.960  | 152  | 59161    | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.762 | 136  | 218865   | 20.000 | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 14.593 | 164  | 181396   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.343 | 188  | 584235   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 21.614 | 240  | 768740   | 20.000 | ng    | # 0.00   |
| 86) Perylene-d12              | 24.799 | 264  | 907117   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.521  | 112  | 303782   | 87.901 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.113  | 99   | 376543   | 77.456 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.117  | 82   | 388693   | 80.643 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.079 | 330  | 362471   | 85.744 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.218 | 172  | 1191429  | 80.387 | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.963 | 244  | 3395700  | 80.646 | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.435  | 88   | 75189    | 45.978 | ng    | 89       |
| 3) Pyridine                   | 3.829  | 79   | 234489   | 51.200 | ng    | 96       |
| 4) n-Nitrosodimethylamine     | 3.747  | 42   | 95357    | 42.329 | ng    | # 83     |
| 6) Aniline                    | 7.284  | 93   | 194007   | 39.181 | ng    | 98       |
| 8) 2-Chlorophenol             | 7.519  | 128  | 127029   | 38.788 | ng    | 98       |
| 9) Benzaldehyde               | 7.096  | 77   | 112147   | 37.940 | ng    | 98       |
| 10) Phenol                    | 7.137  | 94   | 193420   | 39.606 | ng    | 97       |
| 11) bis(2-Chloroethyl)ether   | 7.378  | 93   | 127899   | 36.583 | ng    | 92       |
| 12) 1,3-Dichlorobenzene       | 7.848  | 146  | 176582   | 40.321 | ng    | 92       |
| 13) 1,4-Dichlorobenzene       | 7.995  | 146  | 187009   | 41.036 | ng    | 98       |
| 14) 1,2-Dichlorobenzene       | 8.312  | 146  | 181099   | 41.305 | ng    | 99       |
| 15) Benzyl Alcohol            | 8.189  | 79   | 162408   | 41.567 | ng    | 94       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.482  | 45   | 270102   | 43.174 | ng    | 97       |
| 17) 2-Methylphenol            | 8.388  | 107  | 129557   | 39.792 | ng    | 91       |
| 18) Hexachloroethane          | 9.041  | 117  | 54223    | 39.278 | ng    | 90       |
| 19) n-Nitroso-di-n-propyla... | 8.764  | 70   | 127581   | 40.677 | ng    | # 90     |
| 20) 3+4-Methylphenols         | 8.723  | 107  | 185170   | 40.716 | ng    | 98       |
| 22) Acetophenone              | 8.776  | 105  | 249919   | 39.185 | ng    | # 96     |
| 24) Nitrobenzene              | 9.164  | 77   | 201634   | 41.205 | ng    | 93       |
| 25) Isophorone                | 9.681  | 82   | 372322   | 40.360 | ng    | 98       |
| 26) 2-Nitrophenol             | 9.869  | 139  | 81757    | 45.430 | ng    | 96       |
| 27) 2,4-Dimethylphenol        | 9.928  | 122  | 102589   | 41.587 | ng    | 96       |
| 28) bis(2-Chloroethoxy)met... | 10.169 | 93   | 183387   | 38.503 | ng    | 97       |
| 29) 2,4-Dichlorophenol        | 10.404 | 162  | 189371   | 42.742 | ng    | 92       |
| 30) 1,2,4-Trichlorobenzene    | 10.621 | 180  | 243267   | 40.564 | ng    | 99       |
| 31) Naphthalene               | 10.809 | 128  | 472246   | 41.448 | ng    | 99       |
| 32) Benzoic acid              | 10.039 | 122  | 107937   | 48.102 | ng    | 91       |
| 33) 4-Chloroaniline           | 10.915 | 127  | 187092   | 43.156 | ng    | 97       |
| 34) Hexachlorobutadiene       | 11.097 | 225  | 216904   | 39.517 | ng    | 91       |
| 35) Caprolactam               | 11.690 | 113  | 48427    | 43.027 | ng    | # 80     |
| 36) 4-Chloro-3-methylphenol   | 12.037 | 107  | 166625   | 41.352 | ng    | 99       |
| 37) 2-Methylnaphthalene       | 12.419 | 142  | 361228   | 40.423 | ng    | 99       |
| 38) 1-Methylnaphthalene       | 12.636 | 142  | 360079   | 40.792 | ng    | 95       |
| 40) 1,2,4,5-Tetrachloroben... | 12.783 | 216  | 371198   | 39.252 | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 12.766 | 237  | 154363   | 39.507 | ng    | 91       |
| 43) 2,4,6-Trichlorophenol     | 13.024 | 196  | 207803   | 39.191 | ng    | 95       |

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 Sample : SSTDCCC040  
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Instrument :  
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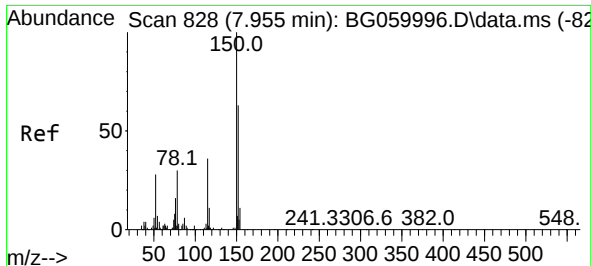
Quant Time: Dec 15 11:00:18 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG121323.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Dec 14 01:47:12 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 13.095 | 196  | 243062   | 42.145 | ng    | 95       |
| 46) 1,1'-Biphenyl             | 13.430 | 154  | 546670   | 40.637 | ng    | 99       |
| 47) 2-Chloronaphthalene       | 13.471 | 162  | 465641   | 39.968 | ng    | 98       |
| 48) 2-Nitroaniline            | 13.670 | 65   | 120088   | 47.750 | ng    | 91       |
| 49) Acenaphthylene            | 14.317 | 152  | 676780   | 42.468 | ng    | 98       |
| 50) Dimethylphthalate         | 14.047 | 163  | 590135   | 41.912 | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 14.164 | 165  | 127733   | 43.794 | ng    | 93       |
| 52) Acenaphthene              | 14.658 | 154  | 462996   | 42.206 | ng    | 94       |
| 53) 3-Nitroaniline            | 14.499 | 138  | 111882   | 48.004 | ng    | 91       |
| 54) 2,4-Dinitrophenol         | 14.693 | 184  | 106703   | 49.654 | ng    | 92       |
| 55) Dibenzofuran              | 14.992 | 168  | 744734   | 41.710 | ng    | 100      |
| 56) 4-Nitrophenol             | 14.793 | 139  | 94510    | 48.249 | ng    | 98       |
| 57) 2,4-Dinitrotoluene        | 14.951 | 165  | 191058   | 46.599 | ng    | # 97     |
| 58) Fluorene                  | 15.645 | 166  | 642330   | 42.662 | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol | 15.216 | 232  | 257257   | 42.851 | ng    | 99       |
| 60) Diethylphthalate          | 15.416 | 149  | 570205   | 44.013 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 15.633 | 204  | 455054   | 41.966 | ng    | 95       |
| 62) 4-Nitroaniline            | 15.662 | 138  | 120019   | 47.290 | ng    | 99       |
| 63) Azobenzene                | 15.927 | 77   | 537719   | 42.098 | ng    | 98       |
| 65) 4,6-Dinitro-2-methylph... | 15.715 | 198  | 164706   | 44.964 | ng    | 92       |
| 66) n-Nitrosodiphenylamine    | 15.850 | 169  | 584630   | 40.962 | ng    | 98       |
| 67) 4-Bromophenyl-phenylether | 16.532 | 248  | 322164   | 39.083 | ng    | 96       |
| 68) Hexachlorobenzene         | 16.643 | 284  | 380789   | 39.516 | ng    | # 96     |
| 69) Atrazine                  | 16.796 | 200  | 194488   | 38.707 | ng    | 98       |
| 70) Pentachlorophenol         | 16.984 | 266  | 278516   | 44.615 | ng    | 97       |
| 71) Phenanthrene              | 17.384 | 178  | 1166446  | 41.219 | ng    | 99       |
| 72) Anthracene                | 17.478 | 178  | 1199103  | 42.143 | ng    | 97       |
| 73) Carbazole                 | 17.742 | 167  | 1038797  | 42.964 | ng    | 98       |
| 74) Di-n-butylphthalate       | 18.312 | 149  | 971172   | 44.030 | ng    | 100      |
| 75) Fluoranthene              | 19.399 | 202  | 1793567  | 43.433 | ng    | 99       |
| 77) Benzidine                 | 19.581 | 184  | 688277   | 69.704 | ng    | 99       |
| 78) Pyrene                    | 19.763 | 202  | 1859153  | 39.896 | ng    | 99       |
| 80) Butylbenzylphthalate      | 20.656 | 149  | 400659   | 47.873 | ng    | 94       |
| 81) Benzo(a)anthracene        | 21.596 | 228  | 2122972  | 41.112 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 21.514 | 252  | 737471   | 43.401 | ng    | 99       |
| 83) Chrysene                  | 21.661 | 228  | 2031599  | 41.527 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 21.514 | 149  | 594013   | 46.827 | ng    | 98       |
| 85) Di-n-octyl phthalate      | 22.719 | 149  | 1012899  | 46.161 | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 28.436 | 276  | 2655458  | 41.018 | ng    | 93       |
| 88) Benzo(b)fluoranthene      | 23.788 | 252  | 2290115  | 40.878 | ng    | 100      |
| 89) Benzo(k)fluoranthene      | 23.859 | 252  | 2194617  | 40.386 | ng    | 99       |
| 90) Benzo(a)pyrene            | 24.652 | 252  | 2019014  | 40.677 | ng    | 98       |
| 91) Dibenzo(a,h)anthracene    | 28.512 | 278  | 2272473  | 41.978 | ng    | 98       |
| 92) Benzo(g,h,i)perylene      | 29.581 | 276  | 2193008  | 40.726 | ng    | 98       |

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

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QLast Update : Thu Dec 14 01:47:12 2023  
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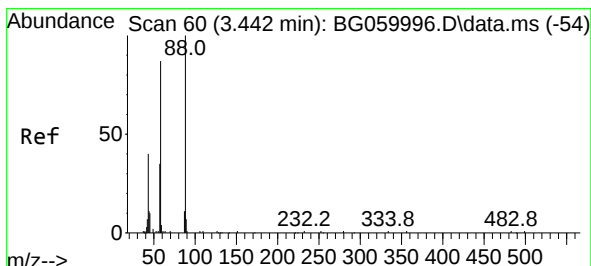
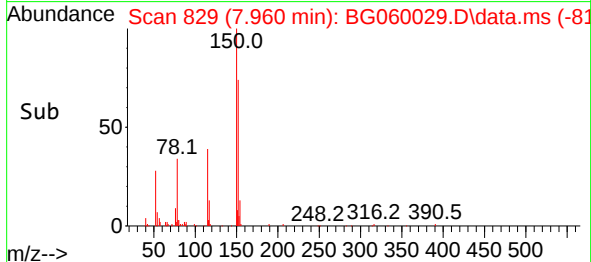
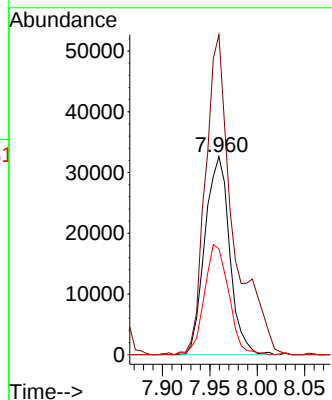
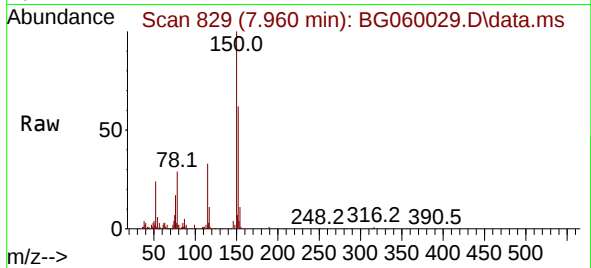




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.960 min Scan# 81  
Delta R.T. 0.005 min  
Lab File: BG060029.D  
Acq: 15 Dec 2023 10:25

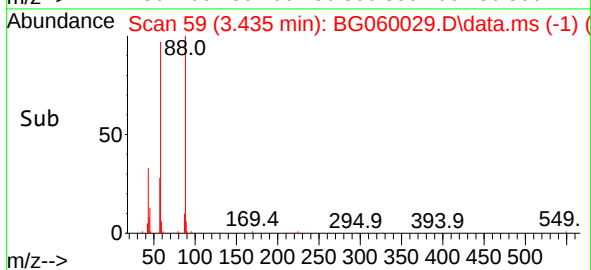
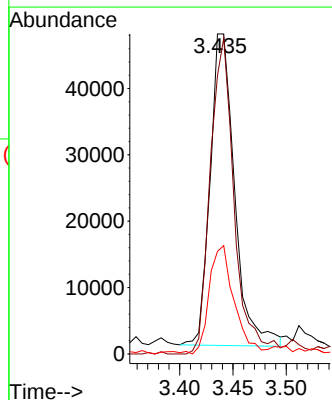
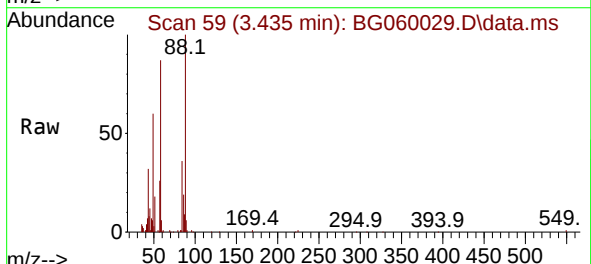
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

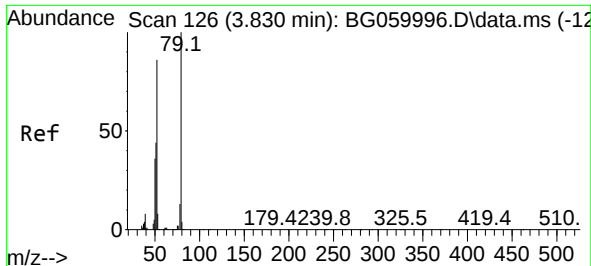
Tgt Ion:152 Resp: 59161  
Ion Ratio Lower Upper  
152 100  
150 161.5 127.0 190.6  
115 53.5 45.7 68.5



#2  
1,4-Dioxane  
Concen: 45.978 ng  
RT: 3.435 min Scan# 59  
Delta R.T. -0.007 min  
Lab File: BG060029.D  
Acq: 15 Dec 2023 10:25

Tgt Ion: 88 Resp: 75189  
Ion Ratio Lower Upper  
88 100  
58 98.4 68.5 102.7  
43 34.1 28.8 43.2

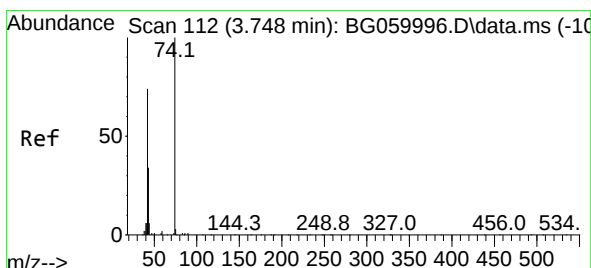
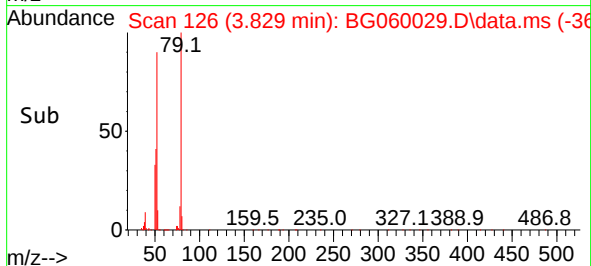
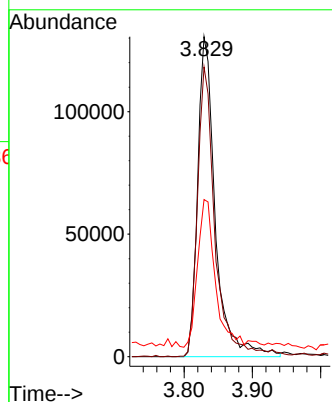
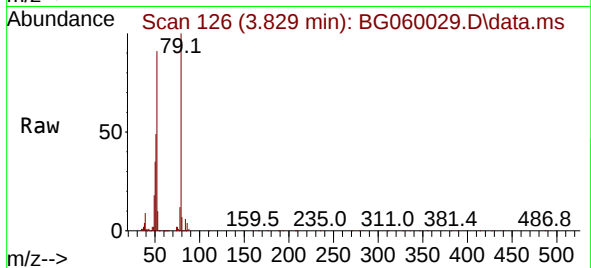




#3  
Pyridine  
Concen: 51.200 ng  
RT: 3.829 min Scan# 112  
Delta R.T. -0.001 min  
Lab File: BG060029.D  
Acq: 15 Dec 2023 10:25

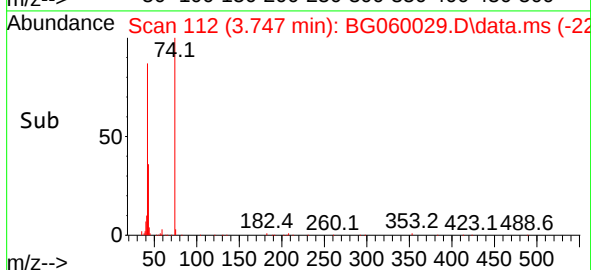
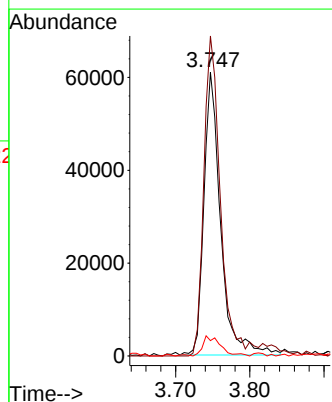
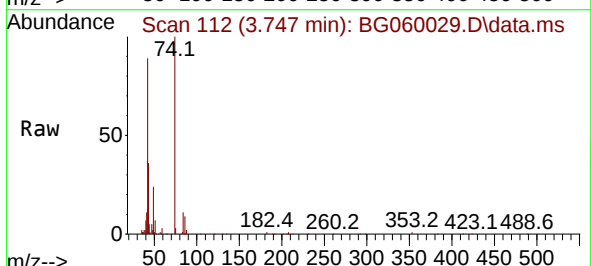
Instrument :  
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ClientSampleId :  
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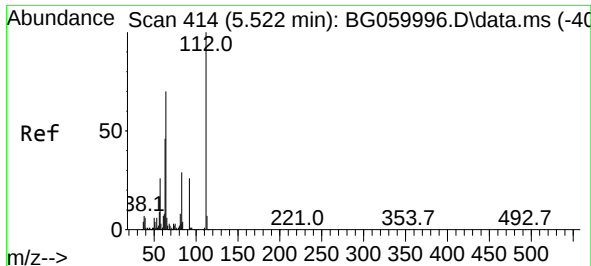
Tgt Ion: 79 Resp: 234489  
Ion Ratio Lower Upper  
79 100  
52 90.5 68.7 103.1  
51 49.1 41.1 61.7



#4  
n-Nitrosodimethylamine  
Concen: 42.329 ng  
RT: 3.747 min Scan# 112  
Delta R.T. -0.001 min  
Lab File: BG060029.D  
Acq: 15 Dec 2023 10:25

Tgt Ion: 42 Resp: 95357  
Ion Ratio Lower Upper  
42 100  
74 112.8 107.4 161.2  
44 5.4 6.0 9.0#

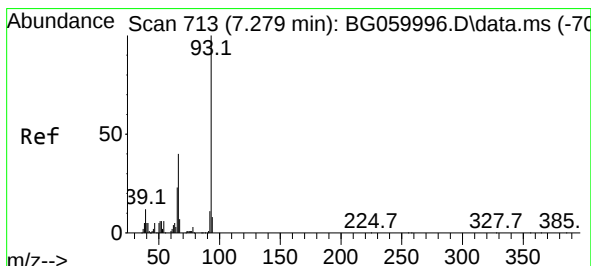
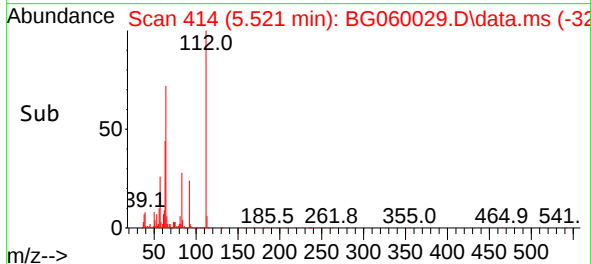
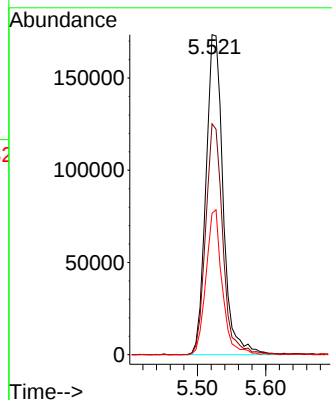
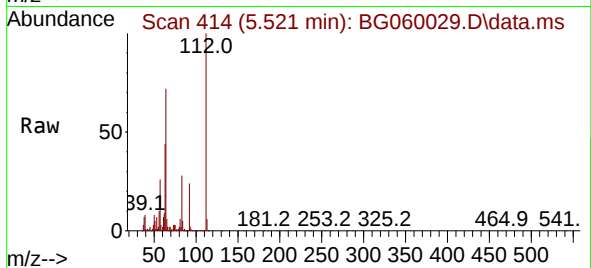




#5  
2-Fluorophenol  
Concen: 87.901 ng  
RT: 5.521 min Scan# 414  
Delta R.T. -0.001 min  
Lab File: BG060029.D  
Acq: 15 Dec 2023 10:25

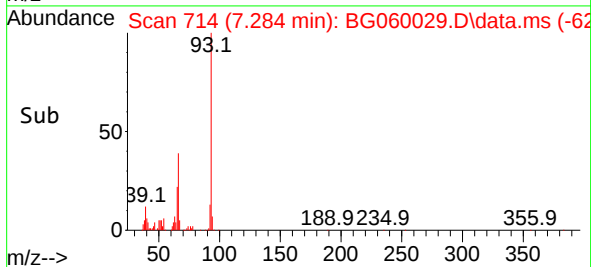
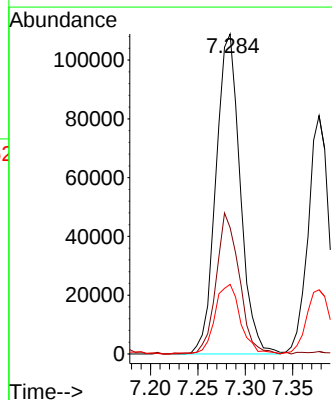
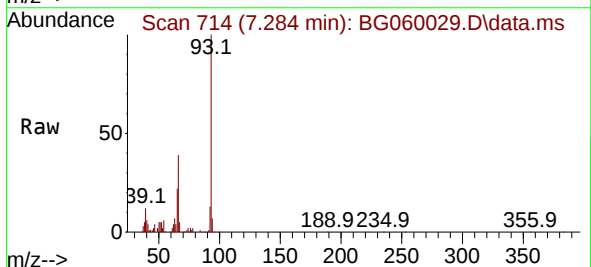
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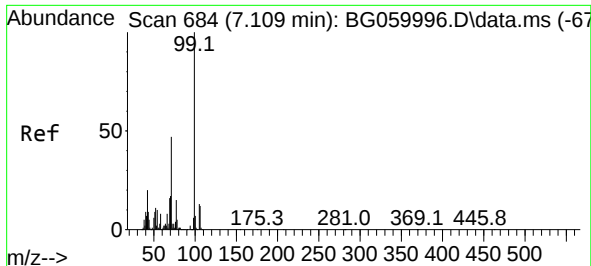
Tgt Ion:112 Resp: 303782  
Ion Ratio Lower Upper  
112 100  
64 72.1 55.9 83.9  
63 44.2 36.5 54.7



#6  
Aniline  
Concen: 39.181 ng  
RT: 7.284 min Scan# 714  
Delta R.T. 0.005 min  
Lab File: BG060029.D  
Acq: 15 Dec 2023 10:25

Tgt Ion: 93 Resp: 194007  
Ion Ratio Lower Upper  
93 100  
66 39.4 31.8 47.8  
65 21.8 18.6 28.0

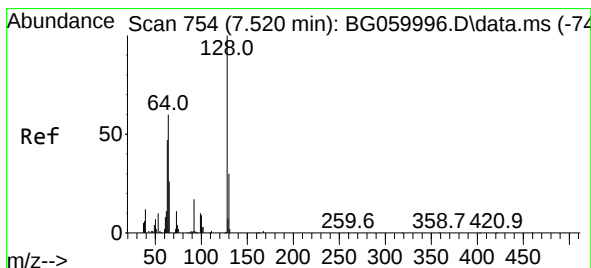
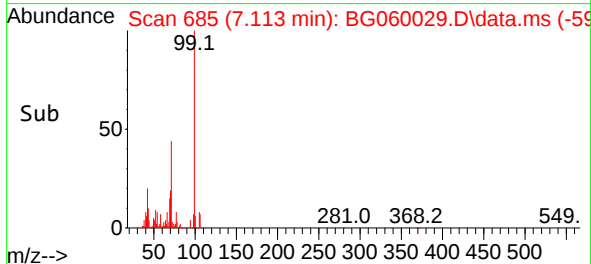
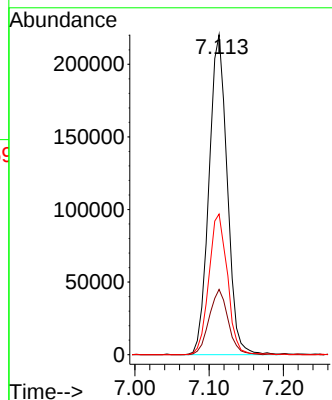
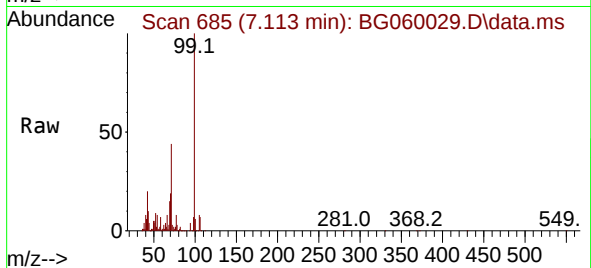




#7  
Phenol-d6  
Concen: 77.456 ng  
RT: 7.113 min Scan# 685  
Delta R.T. 0.005 min  
Lab File: BG060029.D  
Acq: 15 Dec 2023 10:25

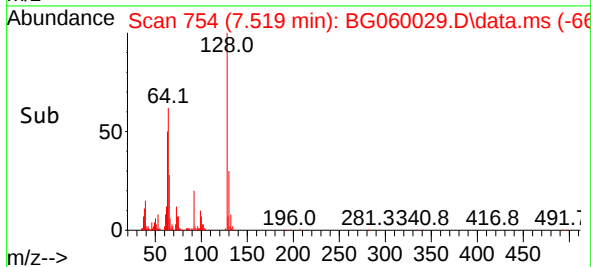
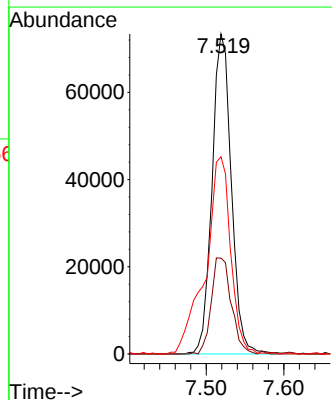
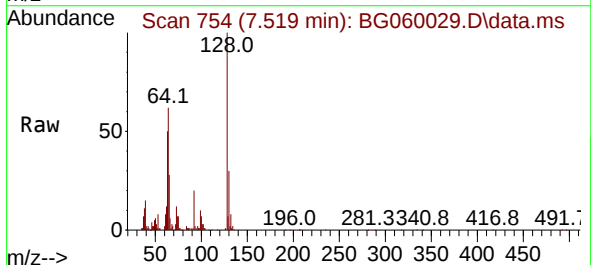
Instrument :  
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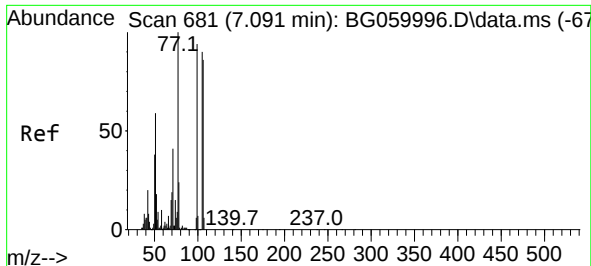
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Ion Ratio Lower Upper  
99 100  
42 20.4 16.2 24.4  
71 43.9 37.6 56.4



#8  
2-Chlorophenol  
Concen: 38.788 ng  
RT: 7.519 min Scan# 754  
Delta R.T. -0.001 min  
Lab File: BG060029.D  
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Tgt Ion: 128 Resp: 127029  
Ion Ratio Lower Upper  
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130 29.9 10.3 50.3  
64 61.6 44.2 84.2

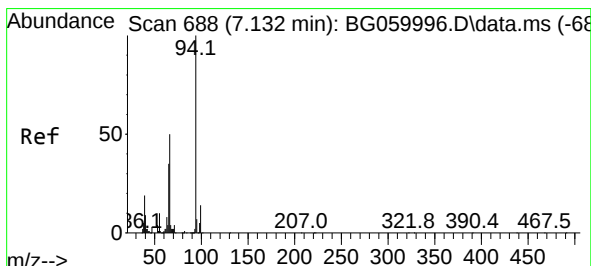
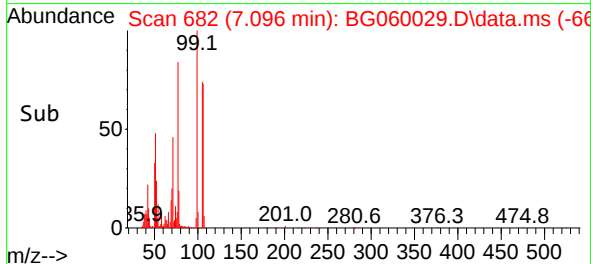
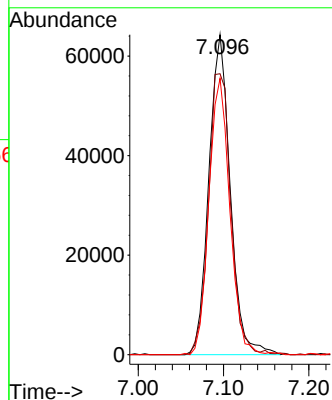
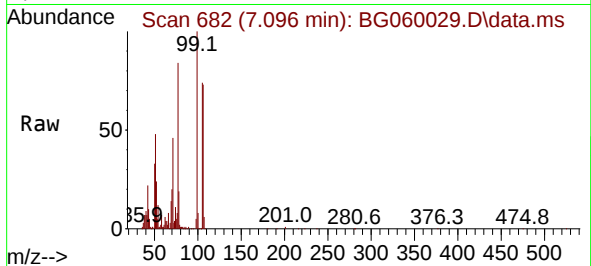




#9  
Benzaldehyde  
Concen: 37.940 ng  
RT: 7.096 min Scan# 681  
Delta R.T. 0.005 min  
Lab File: BG060029.D  
Acq: 15 Dec 2023 10:25

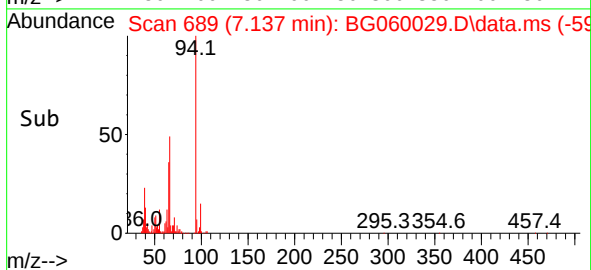
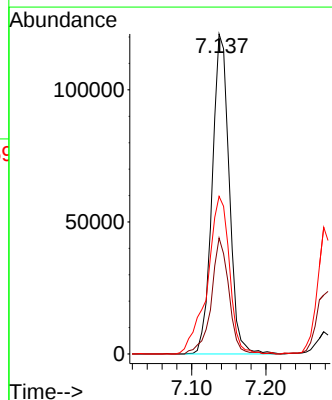
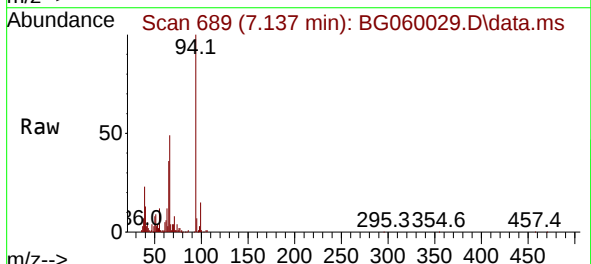
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

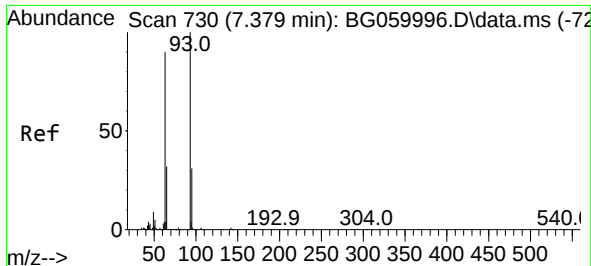
Tgt Ion: 77 Resp: 112147  
Ion Ratio Lower Upper  
77 100  
105 87.8 70.5 110.5  
106 86.4 66.0 106.0



#10  
Phenol  
Concen: 39.606 ng  
RT: 7.137 min Scan# 689  
Delta R.T. 0.005 min  
Lab File: BG060029.D  
Acq: 15 Dec 2023 10:25

Tgt Ion: 94 Resp: 193420  
Ion Ratio Lower Upper  
94 100  
65 36.3 15.5 55.5  
66 49.2 31.6 71.6

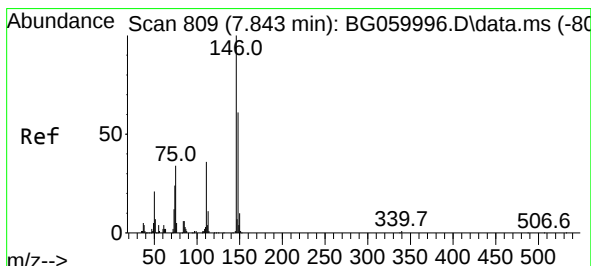
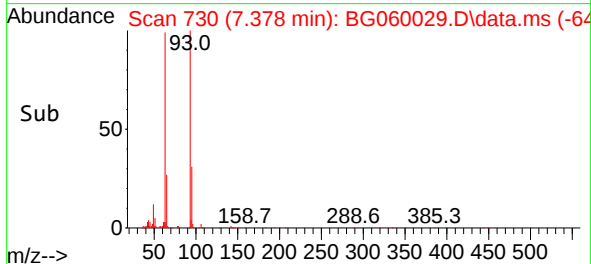
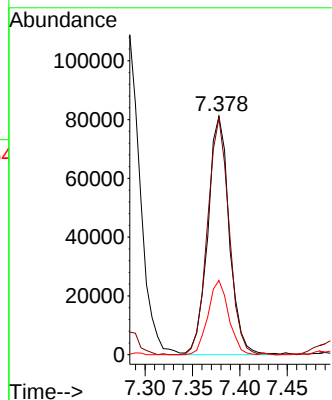
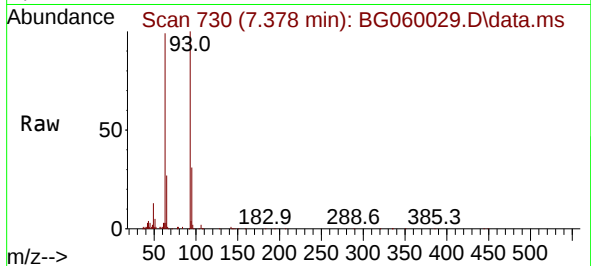




#11  
bis(2-Chloroethyl)ether  
Concen: 36.583 ng  
RT: 7.378 min Scan# 71  
Delta R.T. -0.001 min  
Lab File: BG060029.D  
Acq: 15 Dec 2023 10:25

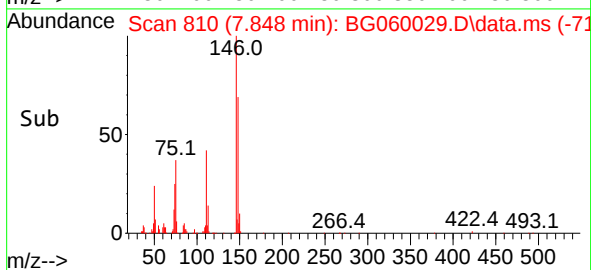
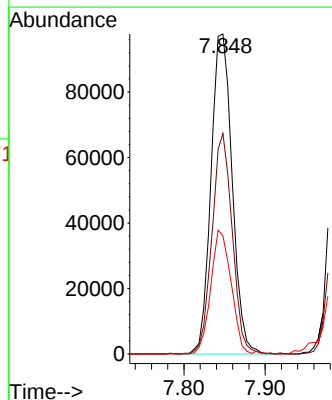
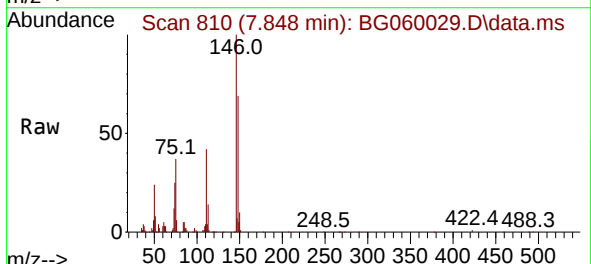
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

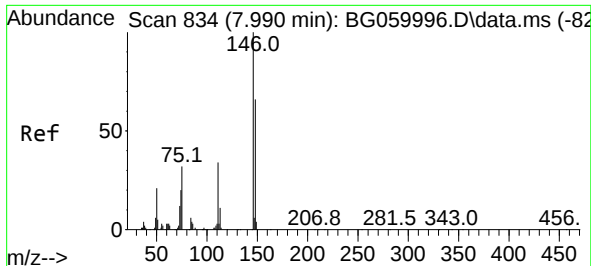
Tgt Ion: 93 Resp: 127899  
Ion Ratio Lower Upper  
93 100  
63 99.3 69.8 109.8  
95 31.2 10.7 50.7



#12  
1,3-Dichlorobenzene  
Concen: 40.321 ng  
RT: 7.848 min Scan# 810  
Delta R.T. 0.005 min  
Lab File: BG060029.D  
Acq: 15 Dec 2023 10:25

Tgt Ion:146 Resp: 176582  
Ion Ratio Lower Upper  
146 100  
148 68.9 49.1 73.7  
75 36.9 27.0 40.6

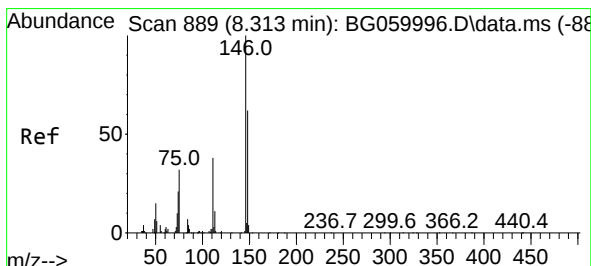
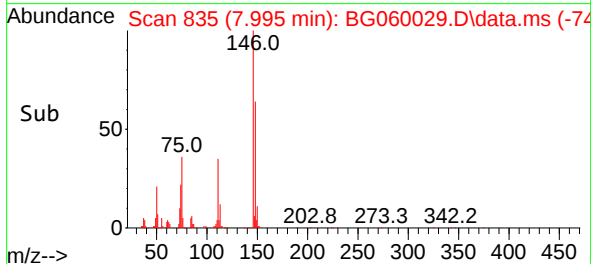
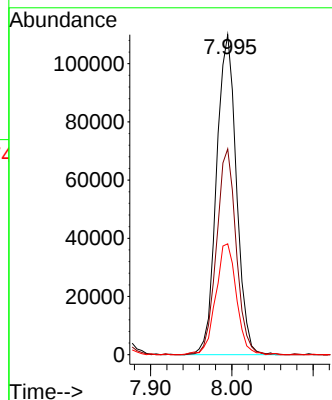
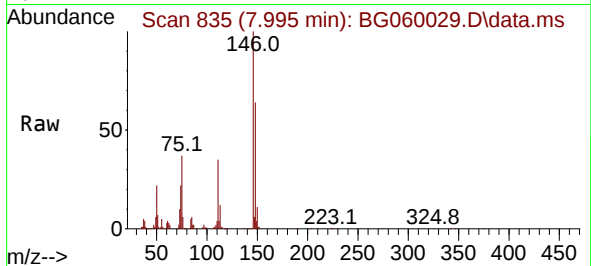




#13  
1,4-Dichlorobenzene  
Concen: 41.036 ng  
RT: 7.995 min Scan# 81  
Delta R.T. 0.005 min  
Lab File: BG060029.D  
Acq: 15 Dec 2023 10:25

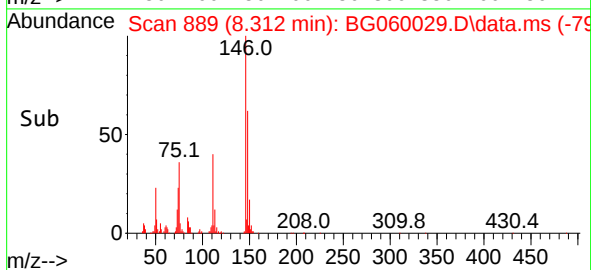
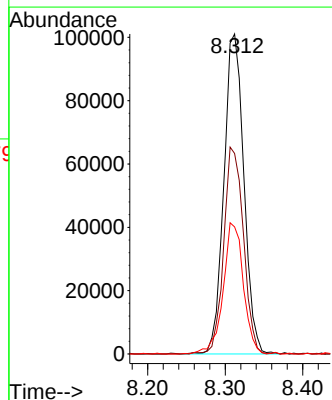
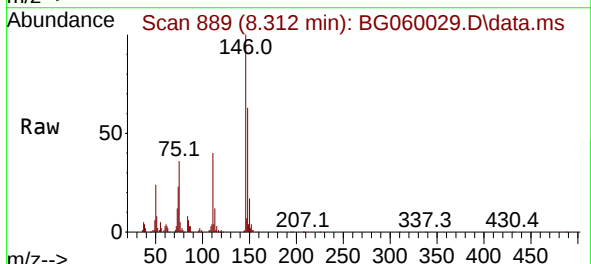
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

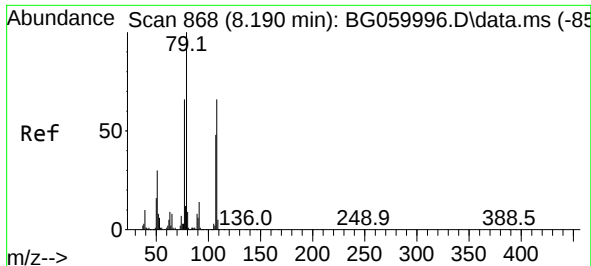
Tgt Ion:146 Resp: 187009  
Ion Ratio Lower Upper  
146 100  
148 64.3 52.9 79.3  
111 34.7 27.6 41.4



#14  
1,2-Dichlorobenzene  
Concen: 41.305 ng  
RT: 8.312 min Scan# 889  
Delta R.T. -0.001 min  
Lab File: BG060029.D  
Acq: 15 Dec 2023 10:25

Tgt Ion:146 Resp: 181099  
Ion Ratio Lower Upper  
146 100  
148 62.7 49.7 74.5  
111 39.7 30.9 46.3

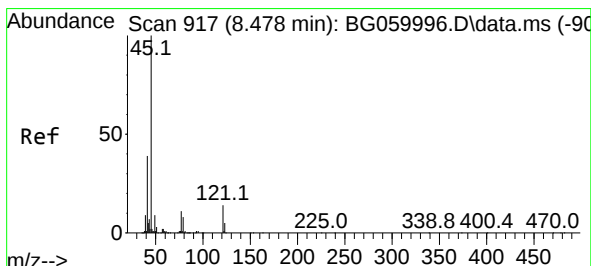
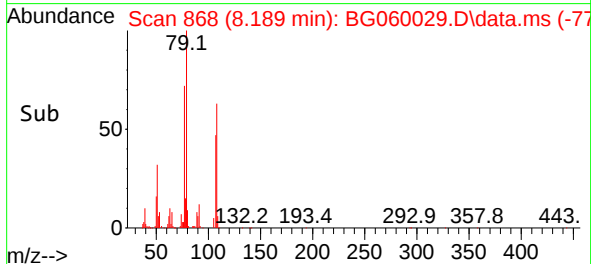
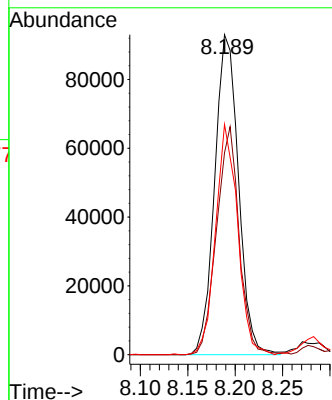
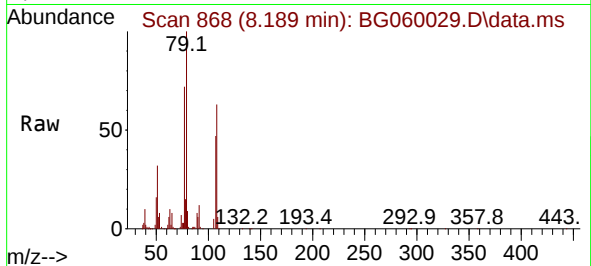




#15  
Benzyl Alcohol  
Concen: 41.567 ng  
RT: 8.189 min Scan# 80  
Delta R.T. -0.001 min  
Lab File: BG060029.D  
Acq: 15 Dec 2023 10:25

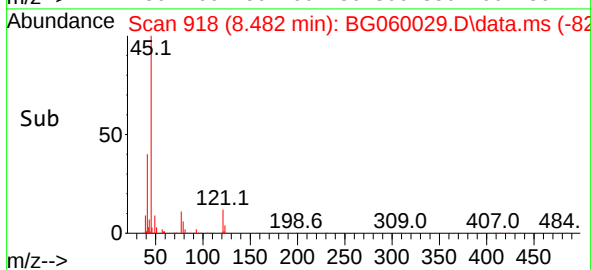
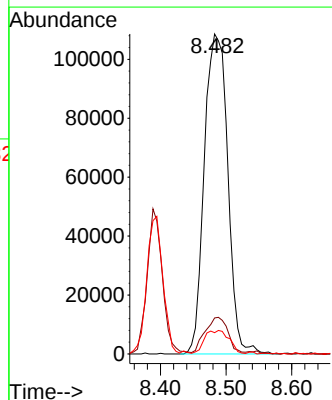
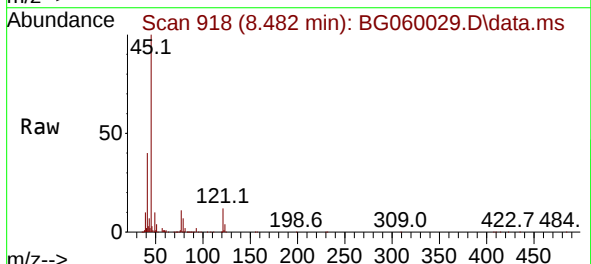
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

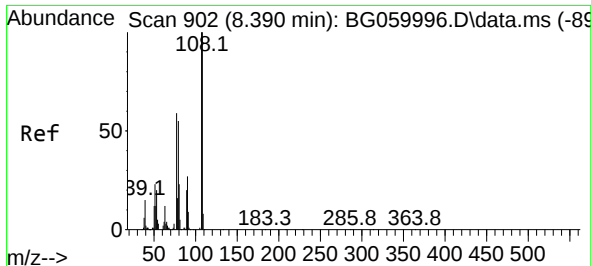
Tgt Ion: 79 Resp: 162408  
Ion Ratio Lower Upper  
79 100  
108 63.1 53.1 79.7  
77 72.0 52.8 79.2



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 43.174 ng  
RT: 8.482 min Scan# 918  
Delta R.T. 0.005 min  
Lab File: BG060029.D  
Acq: 15 Dec 2023 10:25

Tgt Ion: 45 Resp: 270102  
Ion Ratio Lower Upper  
45 100  
77 11.2 0.0 31.7  
79 6.7 0.0 28.7

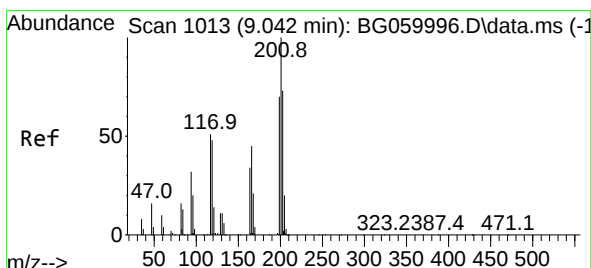
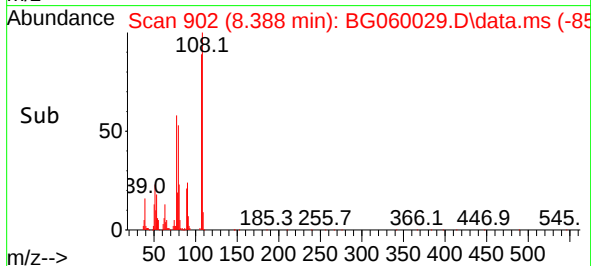
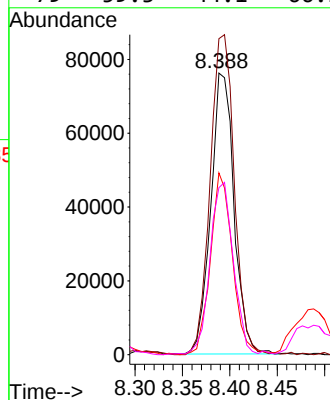
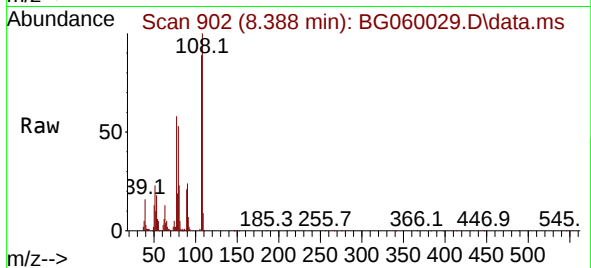




#17  
2-Methylphenol  
Concen: 39.792 ng  
RT: 8.388 min Scan# 90  
Delta R.T. -0.001 min  
Lab File: BG060029.D  
Acq: 15 Dec 2023 10:25

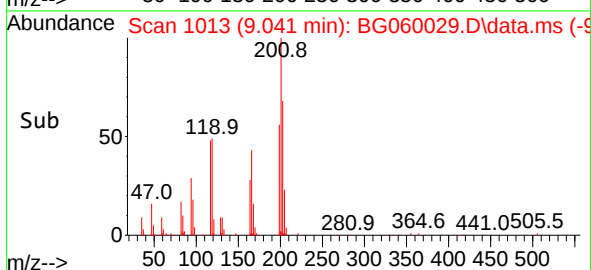
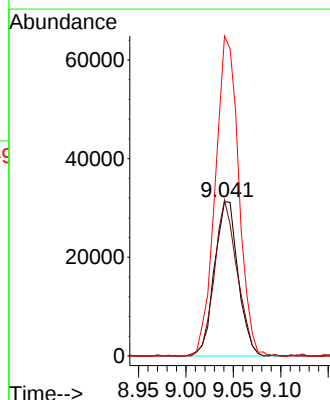
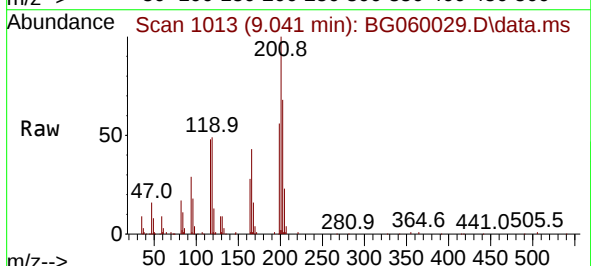
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

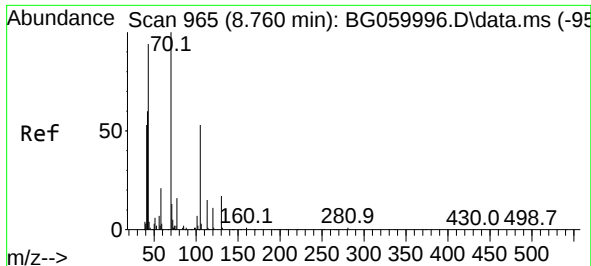
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 129557 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 112.2 | 80.7  | 121.1  |
| 77       | 64.5  | 47.8  | 71.6   |
| 79       | 59.3  | 44.1  | 66.1   |



#18  
Hexachloroethane  
Concen: 39.278 ng  
RT: 9.041 min Scan# 1013  
Delta R.T. -0.001 min  
Lab File: BG060029.D  
Acq: 15 Dec 2023 10:25

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 54223 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 101.2 | 74.5  | 111.7 |
| 201      | 211.6 | 156.5 | 234.7 |

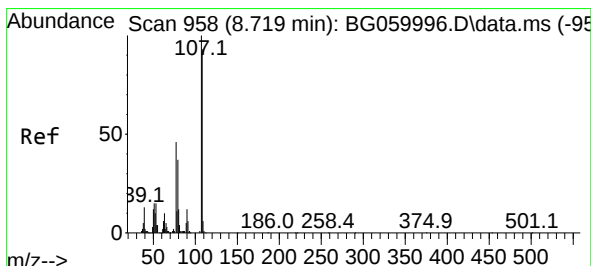
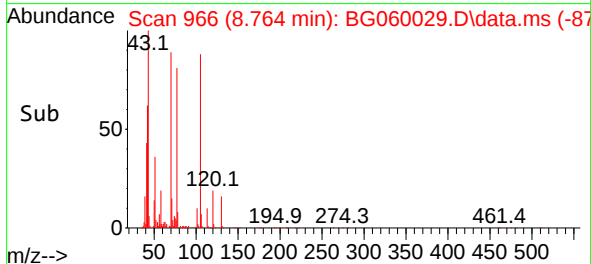
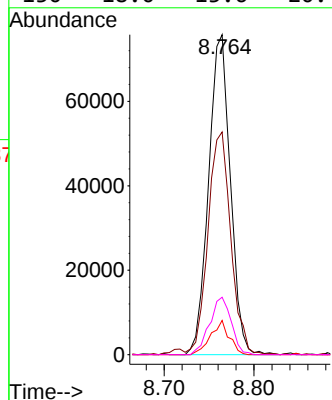
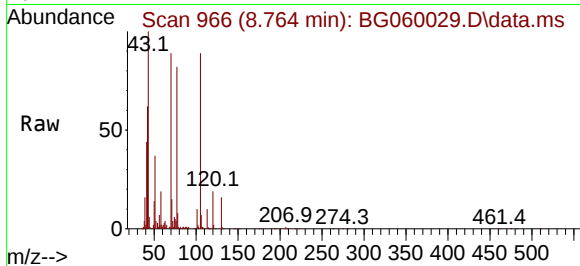




#19  
n-Nitroso-di-n-propylamine  
Concen: 40.677 ng  
RT: 8.764 min Scan# 90  
Delta R.T. 0.005 min  
Lab File: BG060029.D  
Acq: 15 Dec 2023 10:25

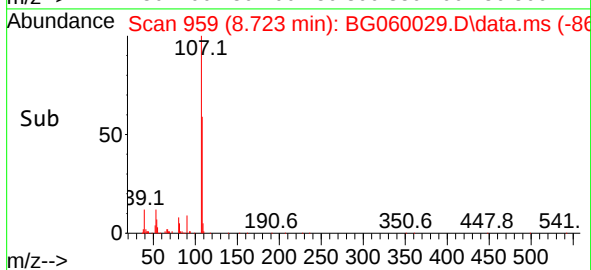
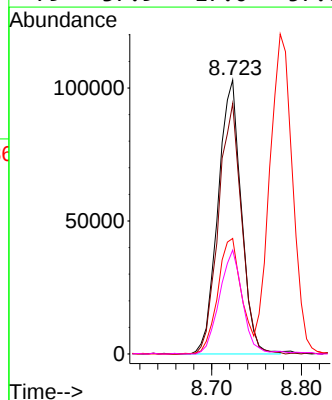
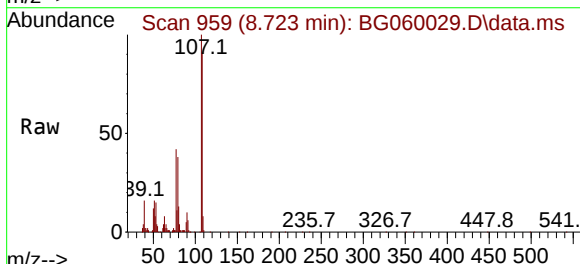
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

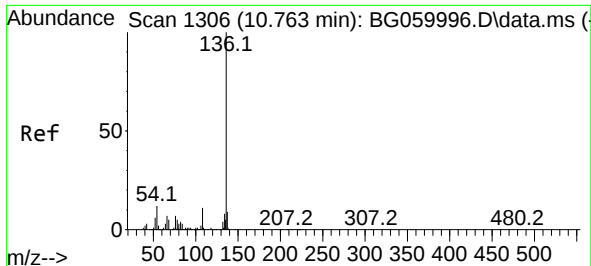
Tgt Ion: 70 Resp: 127581  
Ion Ratio Lower Upper  
70 100  
42 69.6 48.6 73.0  
101 10.7 5.7 8.5#  
130 18.0 13.6 20.4



#20  
3+4-Methylphenols  
Concen: 40.716 ng  
RT: 8.723 min Scan# 959  
Delta R.T. 0.005 min  
Lab File: BG060029.D  
Acq: 15 Dec 2023 10:25

Tgt Ion: 107 Resp: 185170  
Ion Ratio Lower Upper  
107 100  
108 91.5 72.8 112.8  
77 42.2 25.6 65.6  
79 37.9 17.0 57.0

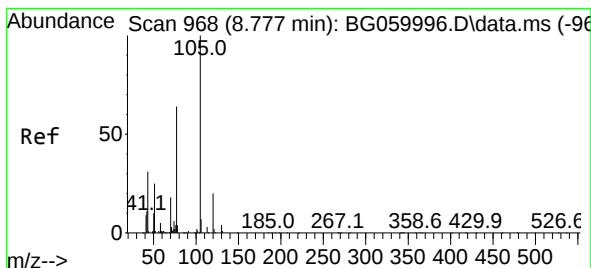
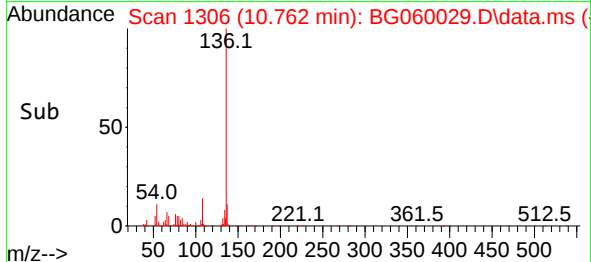
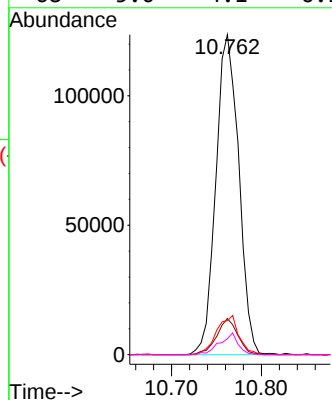
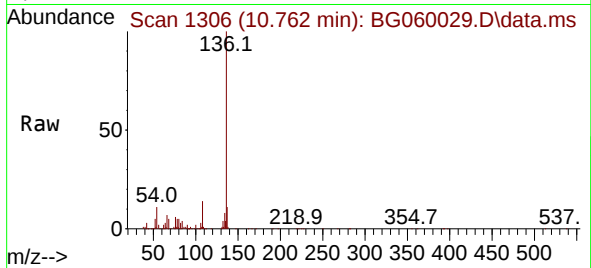




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.762 min Scan# 11  
Delta R.T. -0.001 min  
Lab File: BG060029.D  
Acq: 15 Dec 2023 10:25

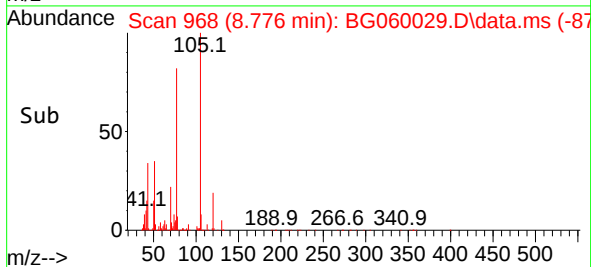
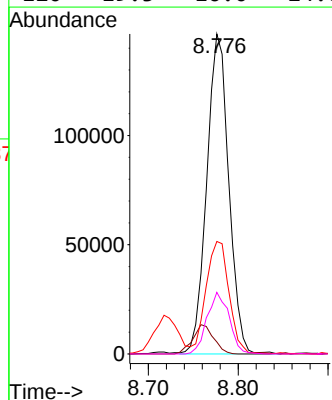
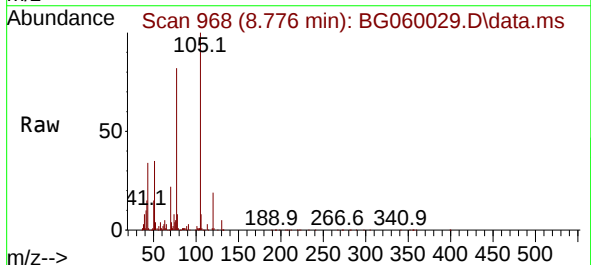
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

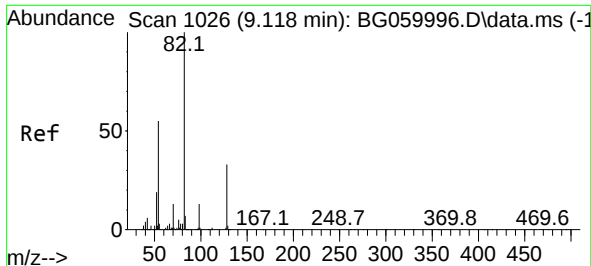
Tgt Ion:136 Resp: 218865  
Ion Ratio Lower Upper  
136 100  
137 11.3 7.3 10.9#  
54 10.6 9.6 14.4  
68 5.0 4.1 6.1



#22  
Acetophenone  
Concen: 39.185 ng  
RT: 8.776 min Scan# 968  
Delta R.T. -0.001 min  
Lab File: BG060029.D  
Acq: 15 Dec 2023 10:25

Tgt Ion:105 Resp: 249919  
Ion Ratio Lower Upper  
105 100  
71 3.7 2.1 3.1#  
51 35.1 25.4 38.0  
120 19.3 16.0 24.0

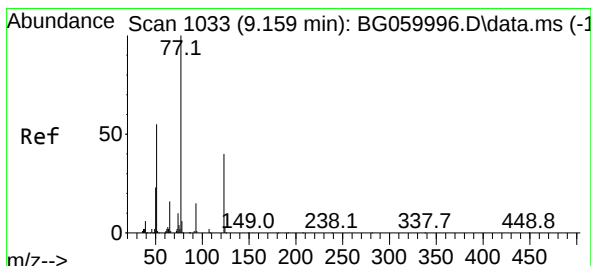
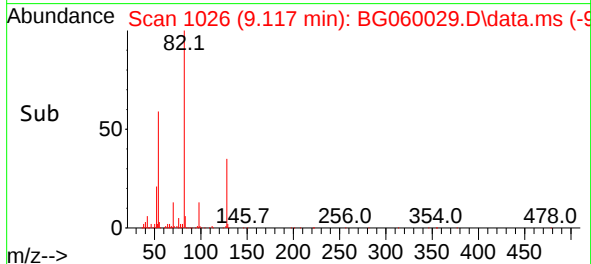
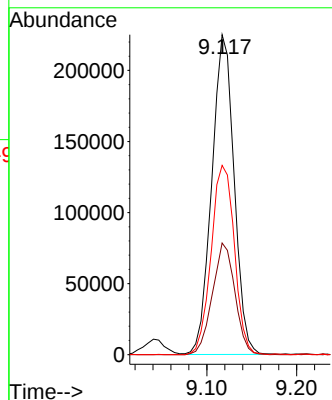
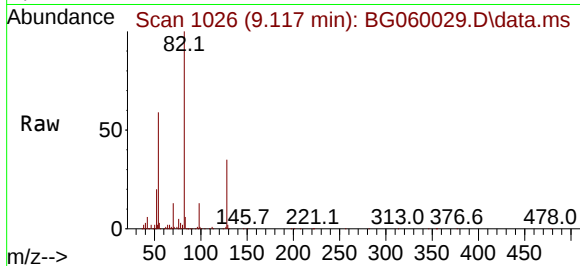




#23  
Nitrobenzene-d5  
Concen: 80.643 ng  
RT: 9.117 min Scan# 1026  
Delta R.T. -0.001 min  
Lab File: BG060029.D  
Acq: 15 Dec 2023 10:25

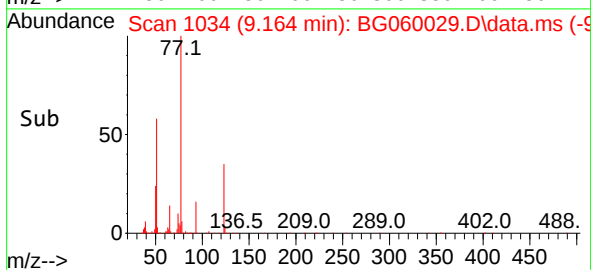
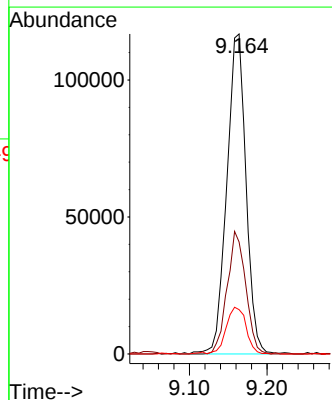
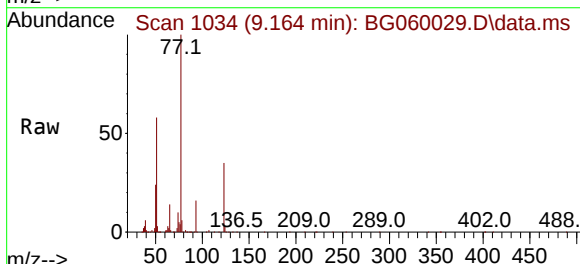
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

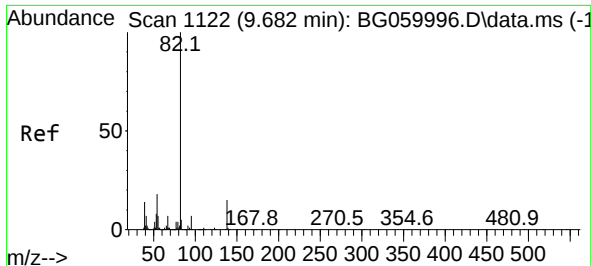
Tgt Ion: 82 Resp: 388693  
Ion Ratio Lower Upper  
82 100  
128 34.9 26.3 39.5  
54 59.2 44.3 66.5



#24  
Nitrobenzene  
Concen: 41.205 ng  
RT: 9.164 min Scan# 1034  
Delta R.T. 0.005 min  
Lab File: BG060029.D  
Acq: 15 Dec 2023 10:25

Tgt Ion: 77 Resp: 201634  
Ion Ratio Lower Upper  
77 100  
123 35.0 32.1 48.1  
65 13.9 13.0 19.4

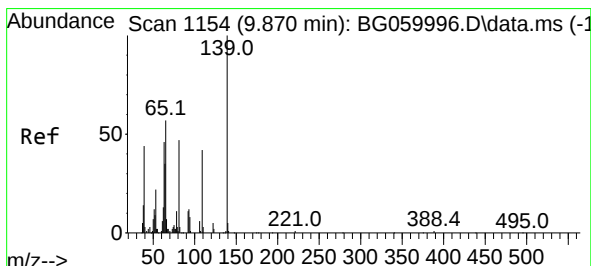
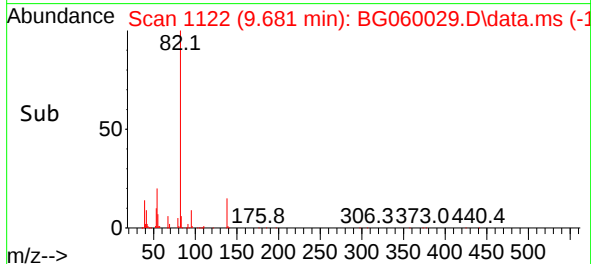
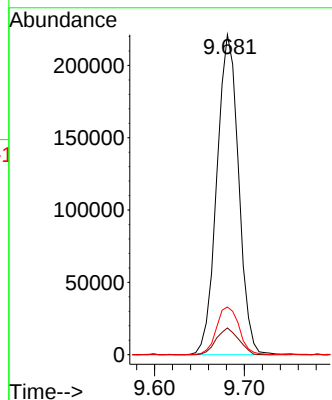
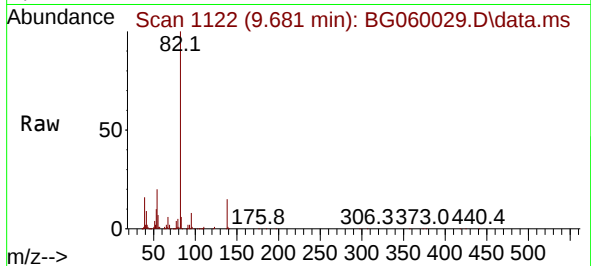




#25  
Isophorone  
Concen: 40.360 ng  
RT: 9.681 min Scan# 1122  
Delta R.T. -0.001 min  
Lab File: BG060029.D  
Acq: 15 Dec 2023 10:25

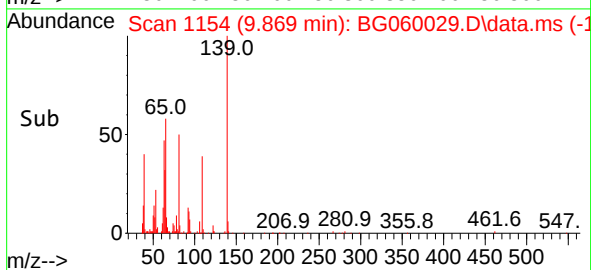
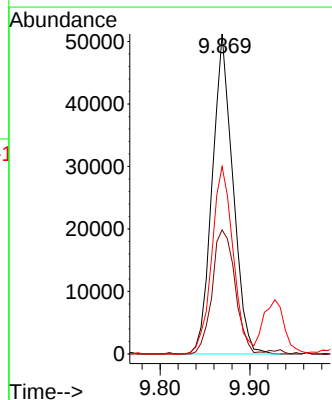
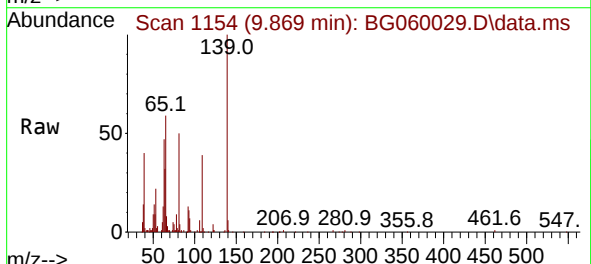
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

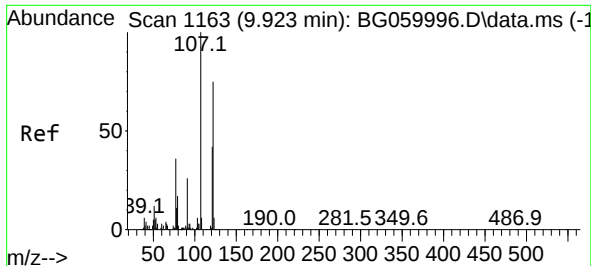
Tgt Ion: 82 Resp: 372322  
Ion Ratio Lower Upper  
82 100  
95 8.3 5.8 8.8  
138 14.9 11.6 17.4



#26  
2-Nitrophenol  
Concen: 45.430 ng  
RT: 9.869 min Scan# 1154  
Delta R.T. -0.001 min  
Lab File: BG060029.D  
Acq: 15 Dec 2023 10:25

Tgt Ion:139 Resp: 81757  
Ion Ratio Lower Upper  
139 100  
109 38.7 33.8 50.6  
65 58.6 45.2 67.8

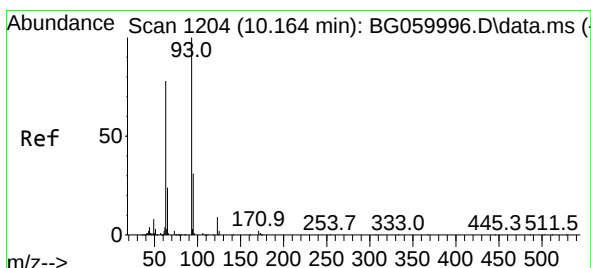
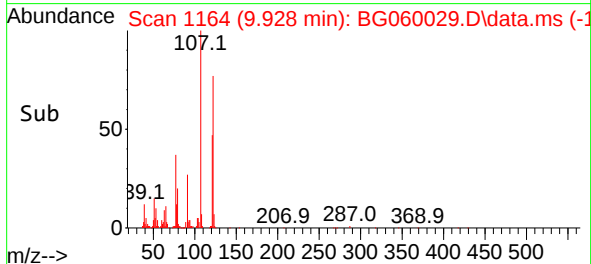
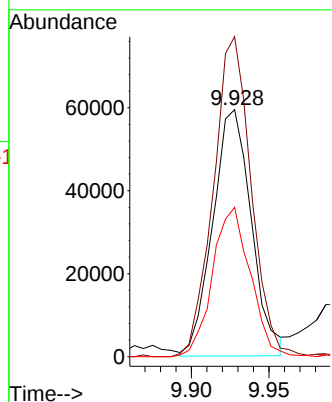
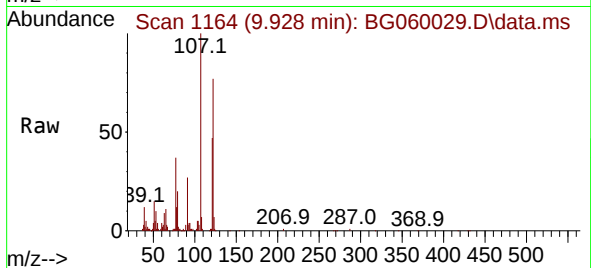




#27  
2,4-Dimethylphenol  
Concen: 41.587 ng  
RT: 9.928 min Scan# 1163  
Delta R.T. 0.005 min  
Lab File: BG060029.D  
Acq: 15 Dec 2023 10:25

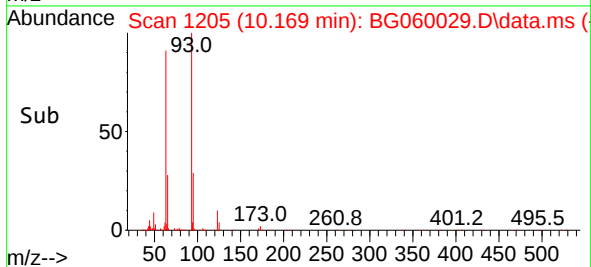
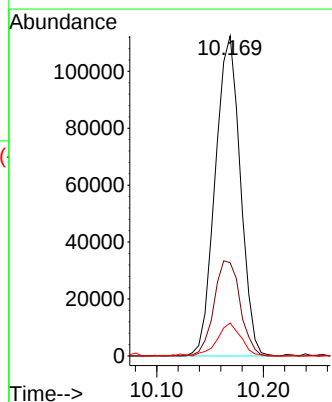
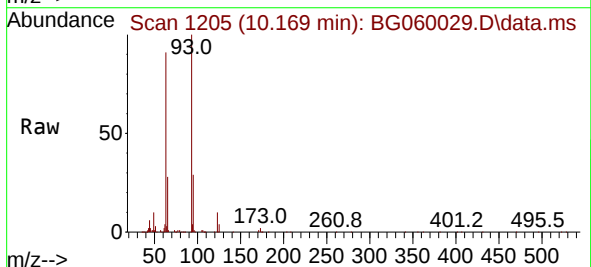
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

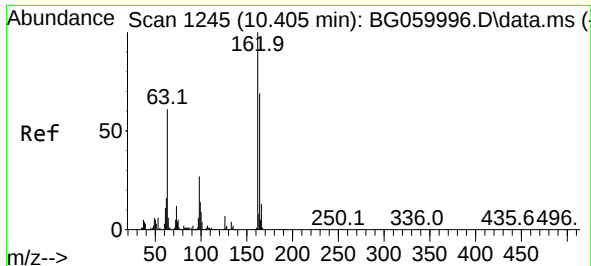
Tgt Ion:122 Resp: 102589  
Ion Ratio Lower Upper  
122 100  
107 129.5 105.9 158.9  
121 60.5 44.5 66.7



#28  
bis(2-Chloroethoxy)methane  
Concen: 38.503 ng  
RT: 10.169 min Scan# 1205  
Delta R.T. 0.005 min  
Lab File: BG060029.D  
Acq: 15 Dec 2023 10:25

Tgt Ion: 93 Resp: 183387  
Ion Ratio Lower Upper  
93 100  
95 29.2 24.7 37.1  
123 10.3 7.5 11.3





#29

2,4-Dichlorophenol

Concen: 42.742 ng

RT: 10.404 min Scan# 1245

Delta R.T. -0.001 min

Lab File: BG060029.D

Acq: 15 Dec 2023 10:25

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

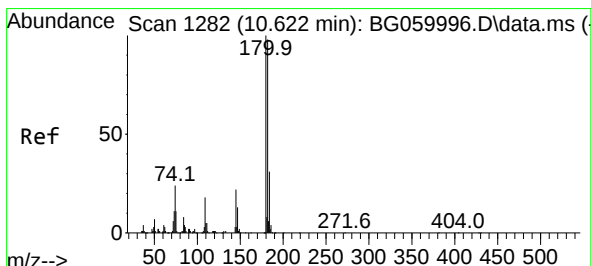
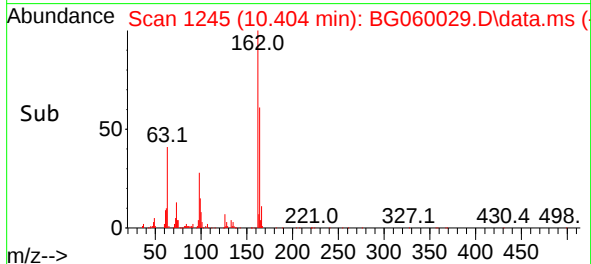
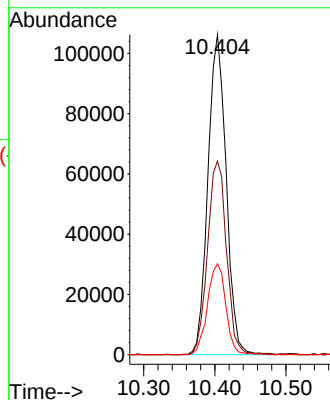
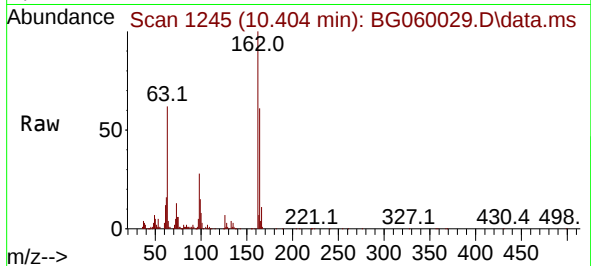
Tgt Ion:162 Resp: 189371

Ion Ratio Lower Upper

162 100

164 60.5 48.8 88.8

98 28.3 7.2 47.2



#30

1,2,4-Trichlorobenzene

Concen: 40.564 ng

RT: 10.621 min Scan# 1282

Delta R.T. -0.001 min

Lab File: BG060029.D

Acq: 15 Dec 2023 10:25

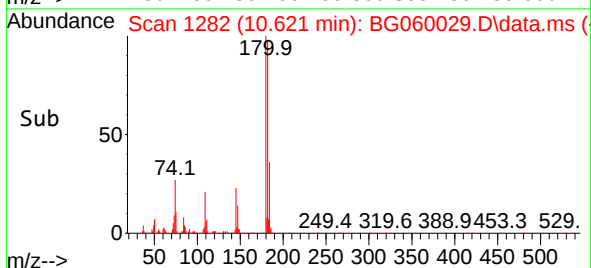
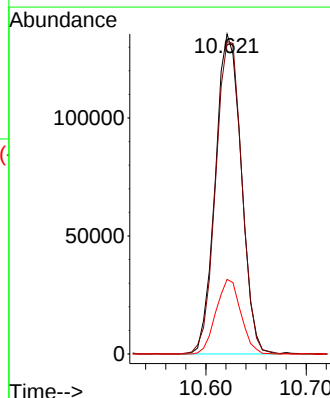
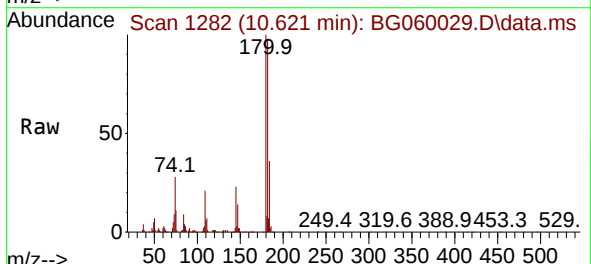
Tgt Ion:180 Resp: 243267

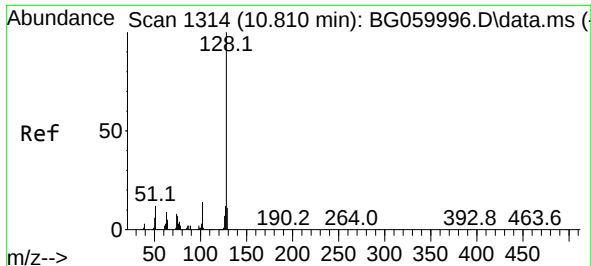
Ion Ratio Lower Upper

180 100

182 97.6 78.2 117.4

145 23.3 17.2 25.8

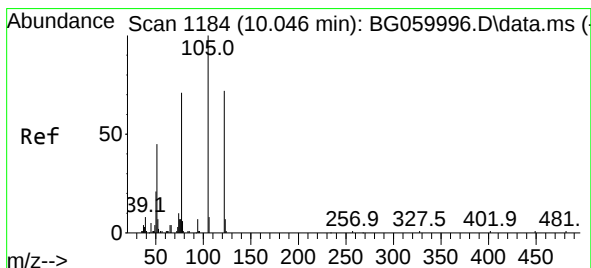
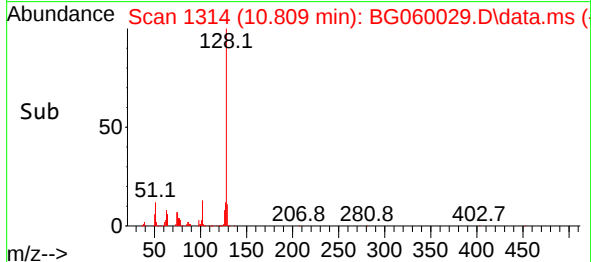
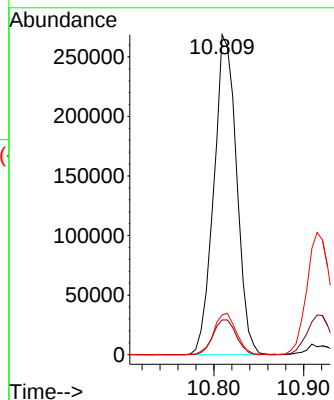
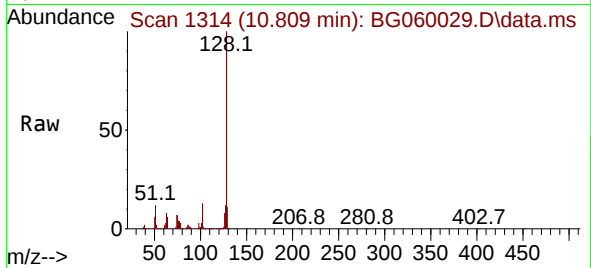




#31  
Naphthalene  
Concen: 41.448 ng  
RT: 10.809 min Scan# 1183  
Delta R.T. -0.001 min  
Lab File: BG060029.D  
Acq: 15 Dec 2023 10:25

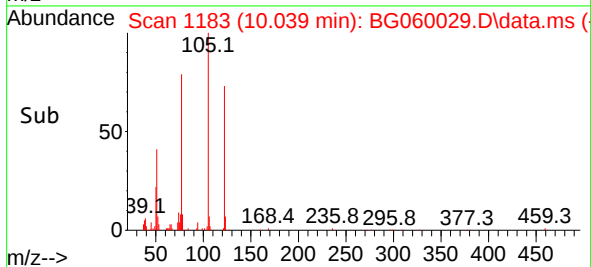
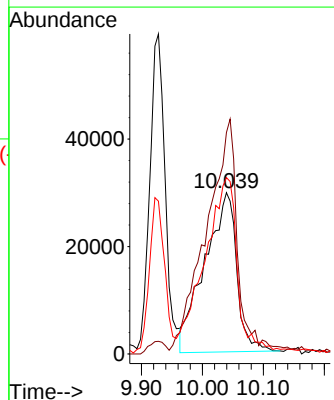
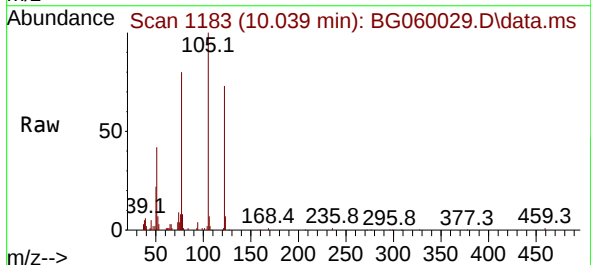
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

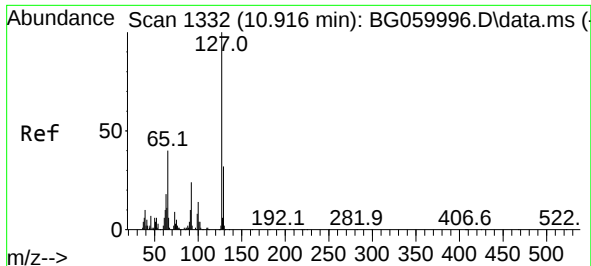
Tgt Ion:128 Resp: 472246  
Ion Ratio Lower Upper  
128 100  
129 10.9 9.2 13.8  
127 12.4 9.7 14.5



#32  
Benzoic acid  
Concen: 48.102 ng  
RT: 10.039 min Scan# 1183  
Delta R.T. -0.007 min  
Lab File: BG060029.D  
Acq: 15 Dec 2023 10:25

Tgt Ion:122 Resp: 107937  
Ion Ratio Lower Upper  
122 100  
105 137.3 106.2 146.2  
77 109.3 80.4 120.4

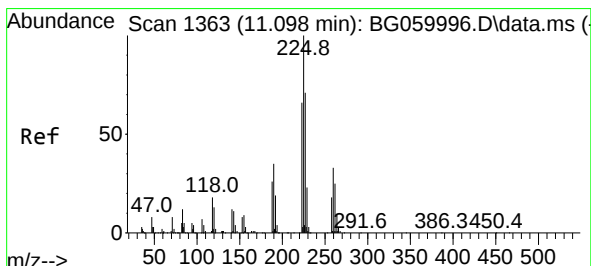
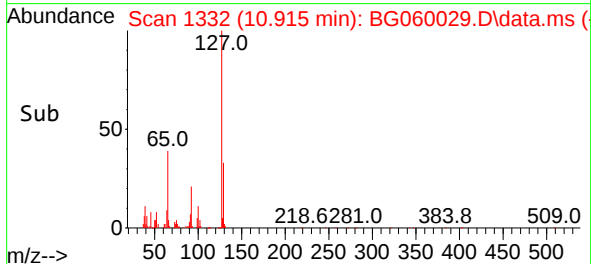
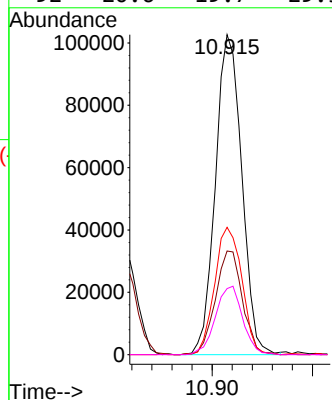
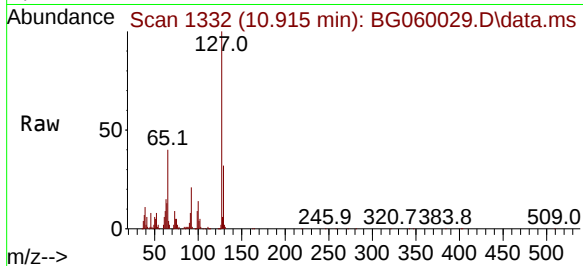




#33  
4-Chloroaniline  
Concen: 43.156 ng  
RT: 10.915 min Scan# 11  
Delta R.T. -0.001 min  
Lab File: BG060029.D  
Acq: 15 Dec 2023 10:25

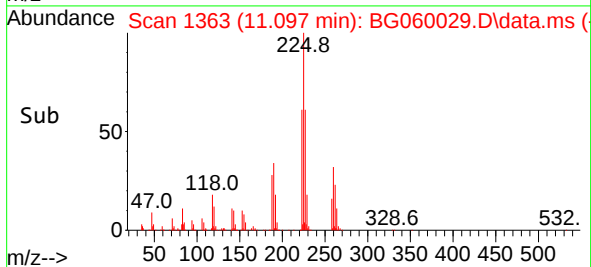
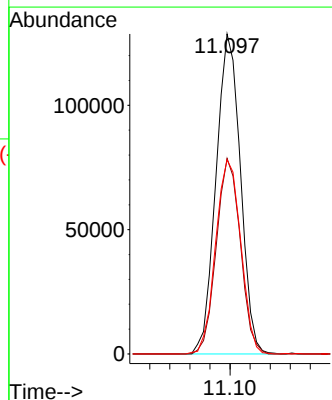
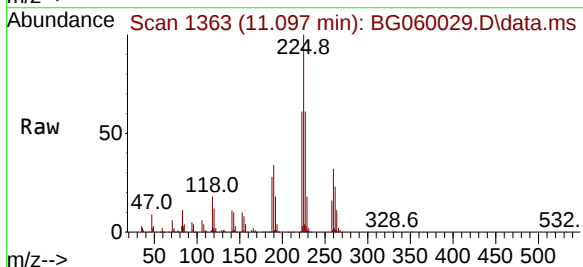
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

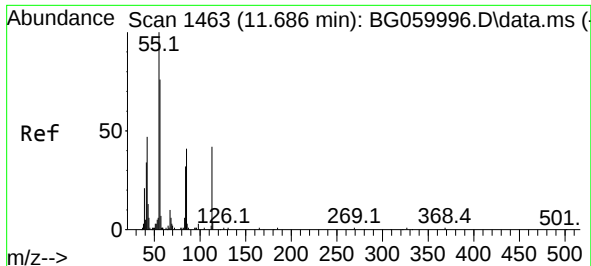
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 127   | Resp: | 187092 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 32.4  | 25.7  | 38.5   |
| 65       | 39.8  | 32.3  | 48.5   |
| 92       | 20.6  | 19.7  | 29.5   |



#34  
Hexachlorobutadiene  
Concen: 39.517 ng  
RT: 11.097 min Scan# 1363  
Delta R.T. -0.001 min  
Lab File: BG060029.D  
Acq: 15 Dec 2023 10:25

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 216904 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 61.1  | 52.4  | 78.6   |
| 227      | 60.7  | 56.6  | 85.0   |

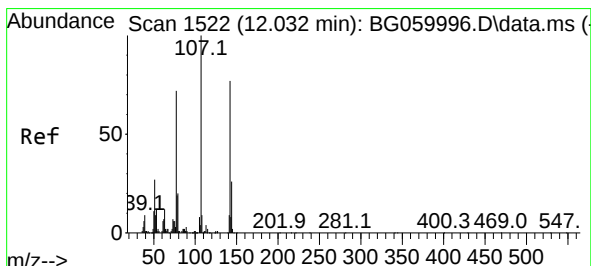
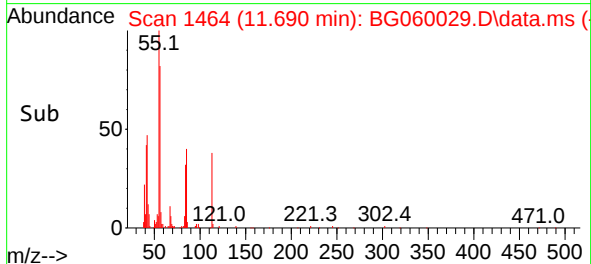
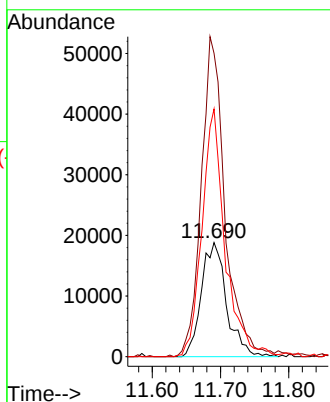
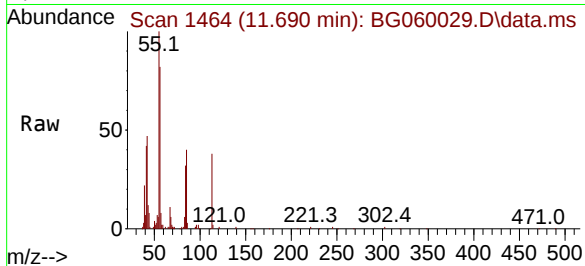




#35  
Caprolactam  
Concen: 43.027 ng  
RT: 11.690 min Scan# 1464  
Delta R.T. 0.005 min  
Lab File: BG060029.D  
Acq: 15 Dec 2023 10:25

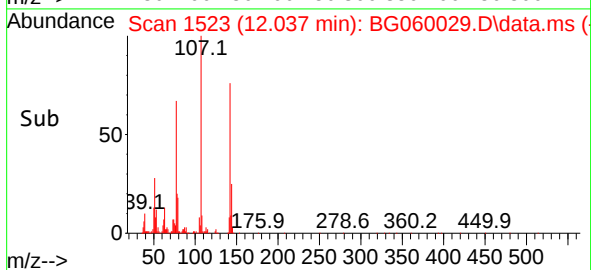
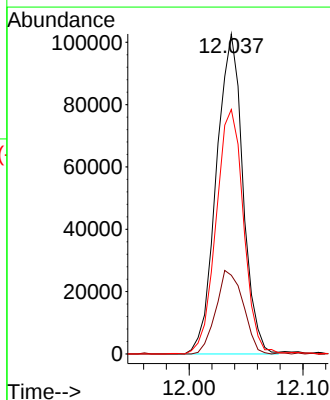
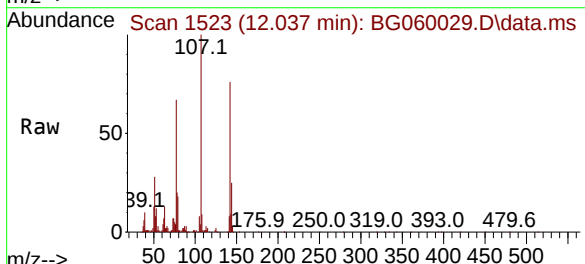
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

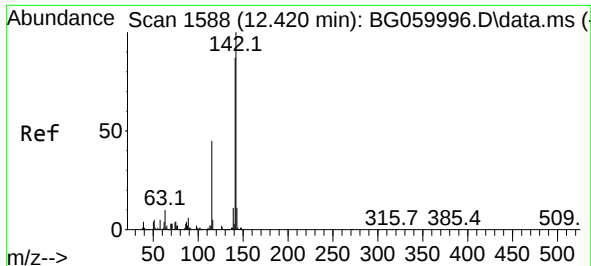
Tgt Ion:113 Resp: 48427  
Ion Ratio Lower Upper  
113 100  
55 265.9 219.5 259.5#  
56 217.0 161.6 201.6#



#36  
4-Chloro-3-methylphenol  
Concen: 41.352 ng  
RT: 12.037 min Scan# 1523  
Delta R.T. 0.005 min  
Lab File: BG060029.D  
Acq: 15 Dec 2023 10:25

Tgt Ion:107 Resp: 166625  
Ion Ratio Lower Upper  
107 100  
144 24.6 20.4 30.6  
142 76.4 61.4 92.0





#37

2-Methylnaphthalene

Concen: 40.423 ng

RT: 12.419 min Scan# 1588

Delta R.T. -0.001 min

Lab File: BG060029.D

Acq: 15 Dec 2023 10:25

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

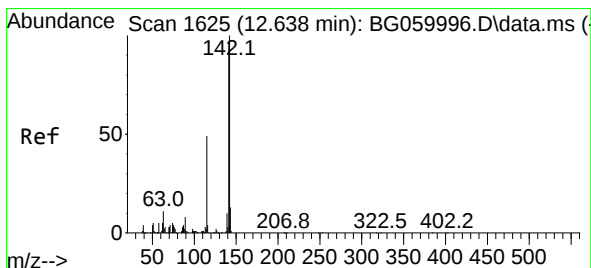
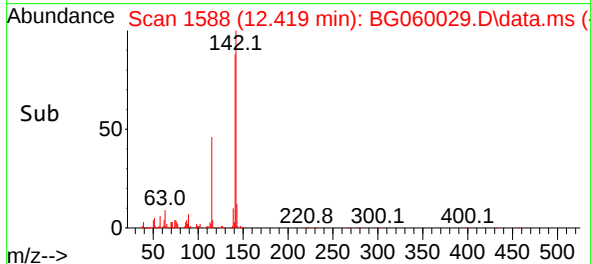
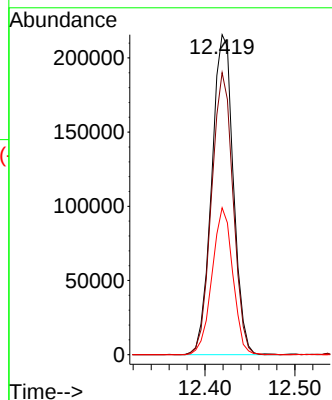
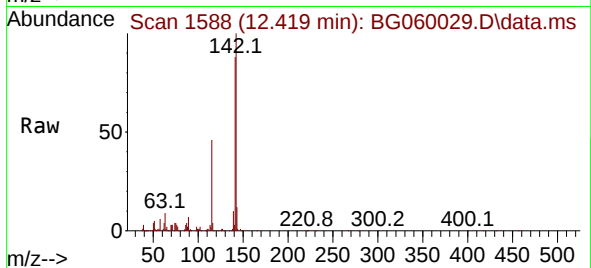
Tgt Ion:142 Resp: 361228

Ion Ratio Lower Upper

142 100

141 88.2 69.9 104.9

115 45.9 36.1 54.1



#38

1-Methylnaphthalene

Concen: 40.792 ng

RT: 12.636 min Scan# 1625

Delta R.T. -0.001 min

Lab File: BG060029.D

Acq: 15 Dec 2023 10:25

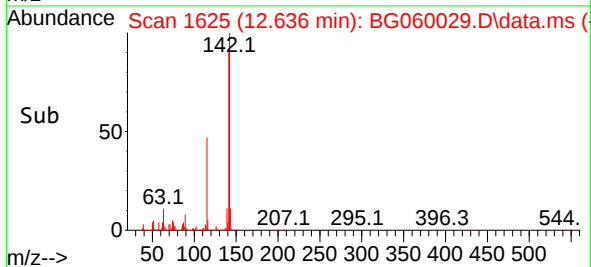
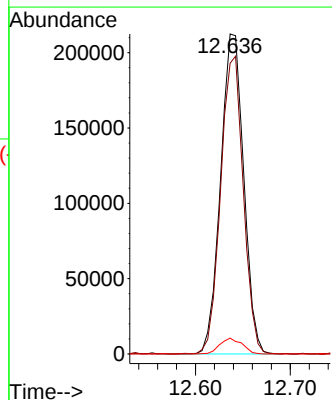
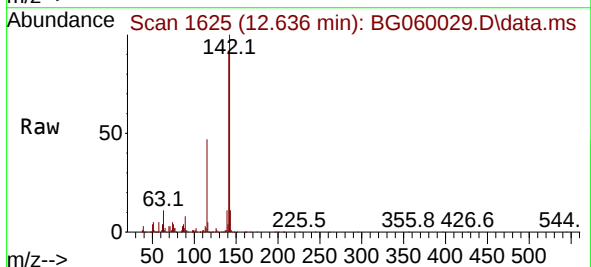
Tgt Ion:142 Resp: 360079

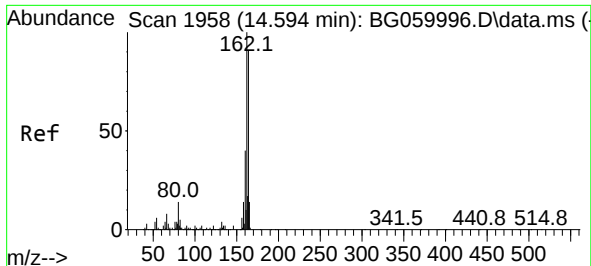
Ion Ratio Lower Upper

142 100

141 90.9 76.9 115.3

116 4.9 3.5 5.3

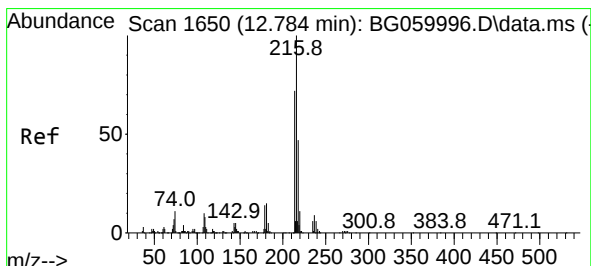
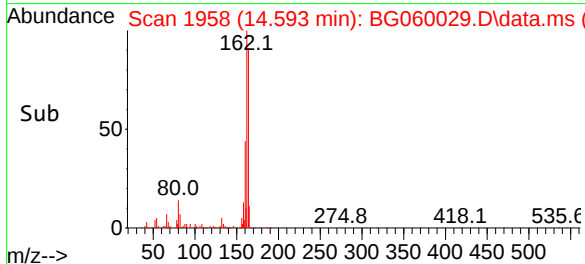
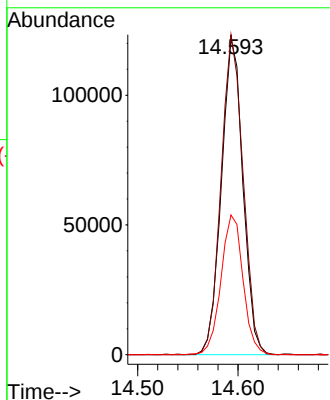
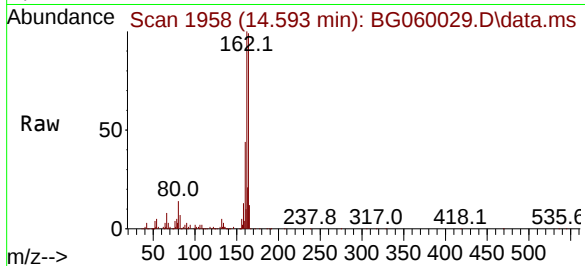




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.593 min Scan# 1958  
Delta R.T. -0.001 min  
Lab File: BG060029.D  
Acq: 15 Dec 2023 10:25

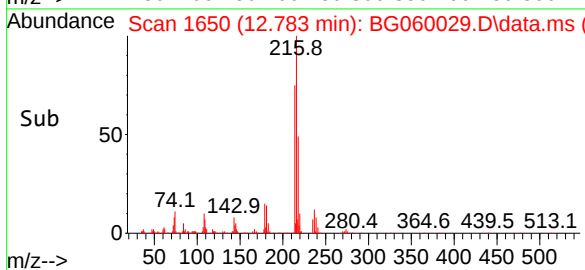
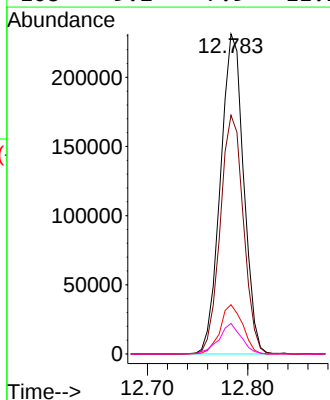
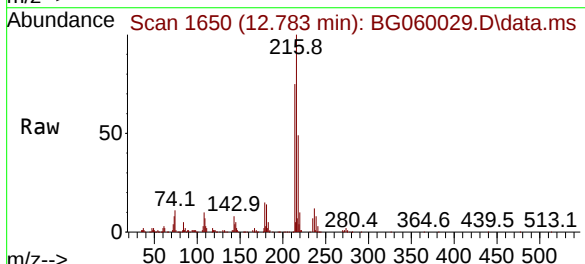
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

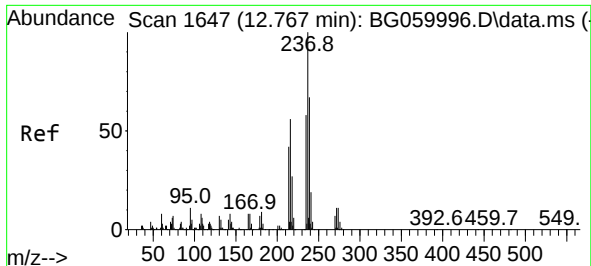
Tgt Ion:164 Resp: 181396  
Ion Ratio Lower Upper  
164 100  
162 101.2 88.1 132.1  
160 44.2 35.4 53.0



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 39.252 ng  
RT: 12.783 min Scan# 1650  
Delta R.T. -0.001 min  
Lab File: BG060029.D  
Acq: 15 Dec 2023 10:25

Tgt Ion:216 Resp: 371198  
Ion Ratio Lower Upper  
216 100  
214 74.5 60.3 90.5  
179 14.9 11.9 17.9  
108 9.2 7.9 11.9

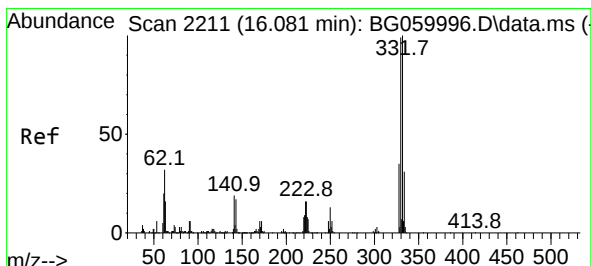
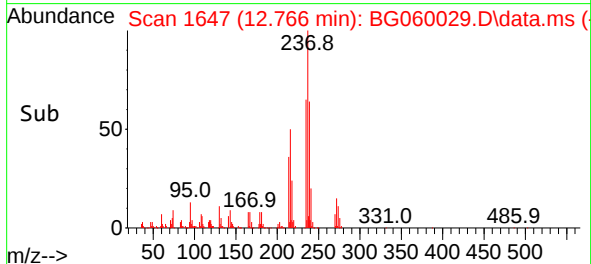
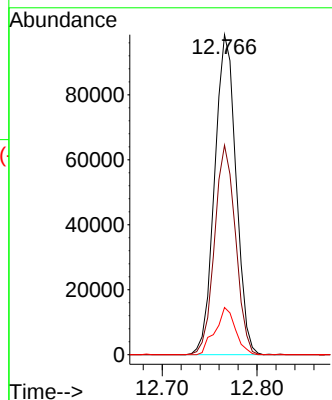
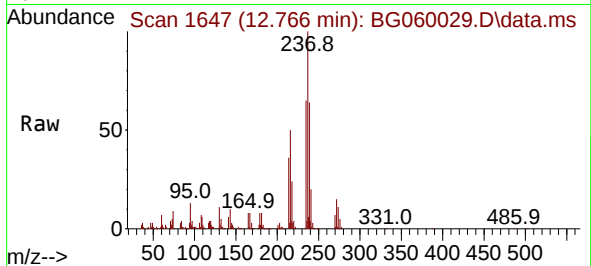




#41  
Hexachlorocyclopentadiene  
Concen: 39.507 ng  
RT: 12.766 min Scan# 1  
Delta R.T. -0.001 min  
Lab File: BG060029.D  
Acq: 15 Dec 2023 10:25

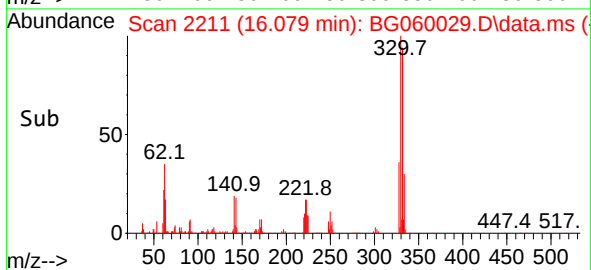
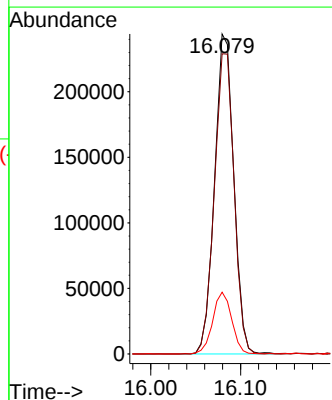
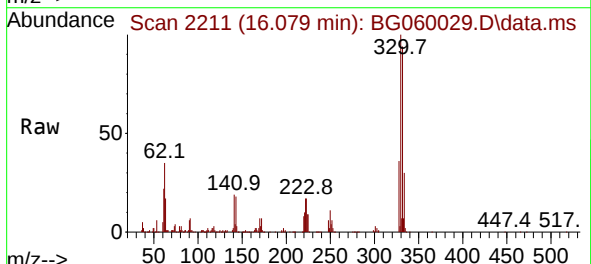
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

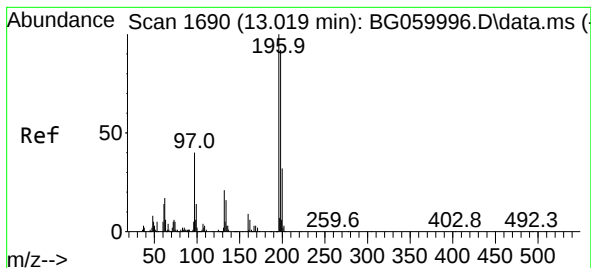
Tgt Ion:237 Resp: 154363  
Ion Ratio Lower Upper  
237 100  
235 65.4 38.5 78.5  
272 14.8 0.0 31.2



#42  
2,4,6-Tribromophenol  
Concen: 85.744 ng  
RT: 16.079 min Scan# 2211  
Delta R.T. -0.001 min  
Lab File: BG060029.D  
Acq: 15 Dec 2023 10:25

Tgt Ion:330 Resp: 362471  
Ion Ratio Lower Upper  
330 100  
332 96.4 76.2 114.4  
141 19.1 14.3 21.5





#43

2,4,6-Trichlorophenol

Concen: 39.191 ng

RT: 13.024 min Scan# 1

Delta R.T. 0.005 min

Lab File: BG060029.D

Acq: 15 Dec 2023 10:25

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

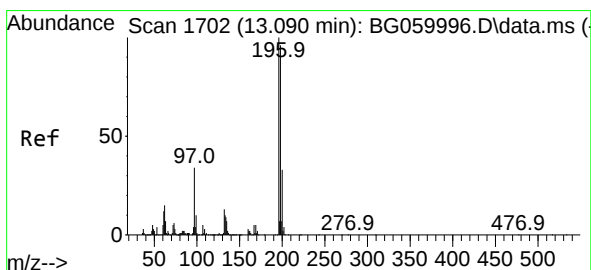
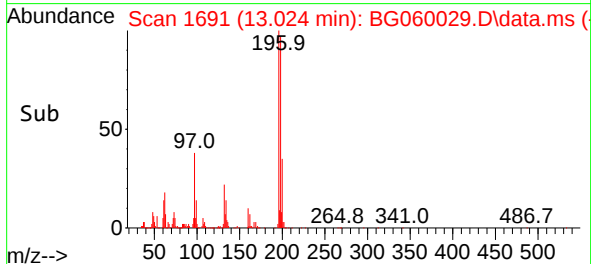
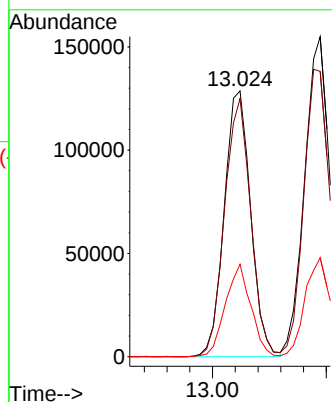
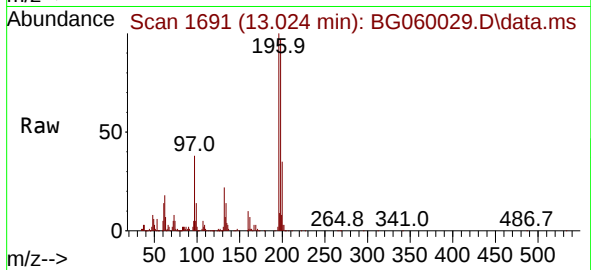
Tgt Ion:196 Resp: 207803

Ion Ratio Lower Upper

196 100

198 97.2 73.4 110.0

200 34.8 26.1 39.1



#44

2,4,5-Trichlorophenol

Concen: 42.145 ng

RT: 13.095 min Scan# 1703

Delta R.T. 0.005 min

Lab File: BG060029.D

Acq: 15 Dec 2023 10:25

Tgt Ion:196 Resp: 243062

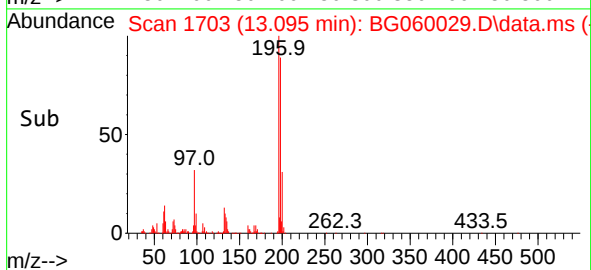
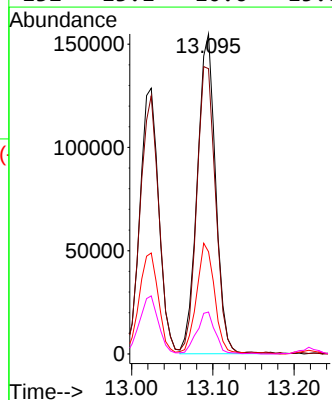
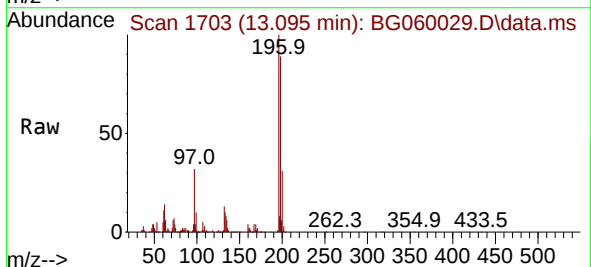
Ion Ratio Lower Upper

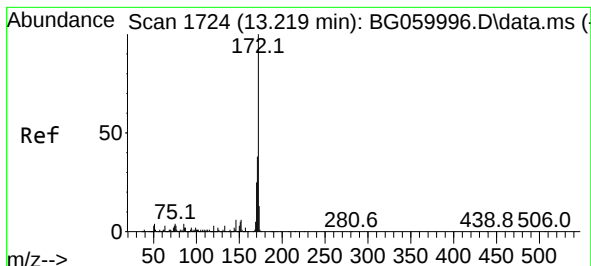
196 100

198 89.1 76.4 114.6

97 31.9 27.0 40.4

132 13.1 10.6 15.8

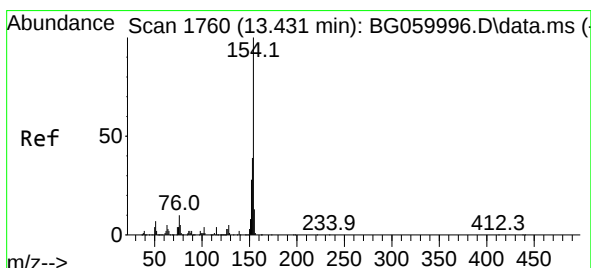
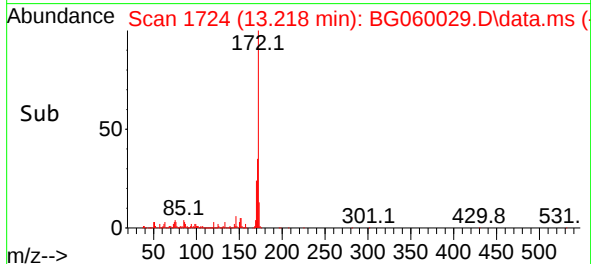
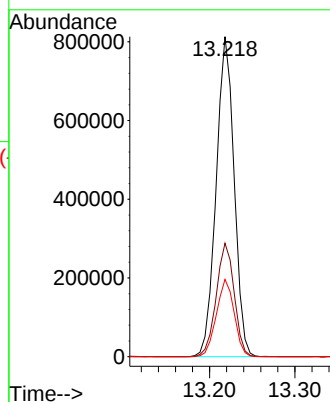
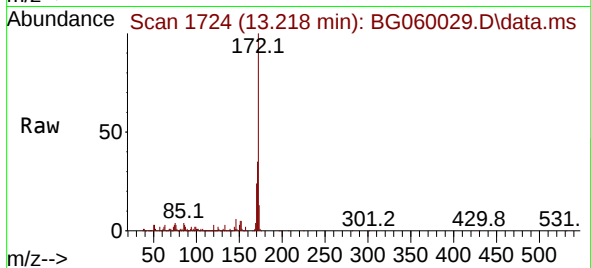




#45  
2-Fluorobiphenyl  
Concen: 80.387 ng  
RT: 13.218 min Scan# 1724  
Delta R.T. -0.001 min  
Lab File: BG060029.D  
Acq: 15 Dec 2023 10:25

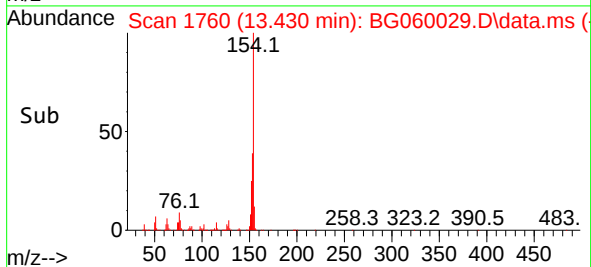
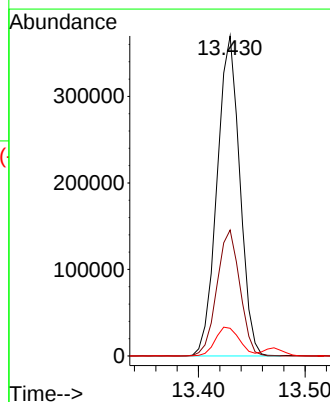
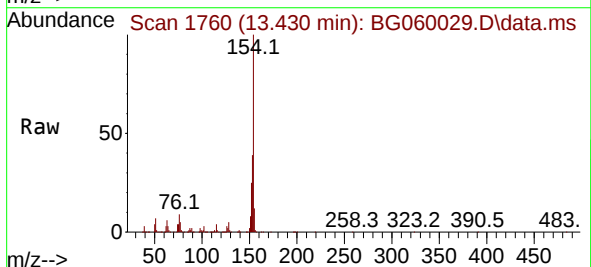
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

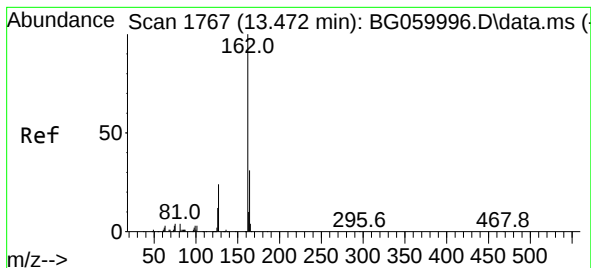
Tgt Ion:172 Resp: 1191429  
Ion Ratio Lower Upper  
172 100  
171 35.4 30.1 45.1  
170 24.2 20.0 30.0



#46  
1,1'-Biphenyl  
Concen: 40.637 ng  
RT: 13.430 min Scan# 1760  
Delta R.T. -0.001 min  
Lab File: BG060029.D  
Acq: 15 Dec 2023 10:25

Tgt Ion:154 Resp: 546670  
Ion Ratio Lower Upper  
154 100  
153 39.3 19.2 59.2  
76 8.7 0.0 29.9

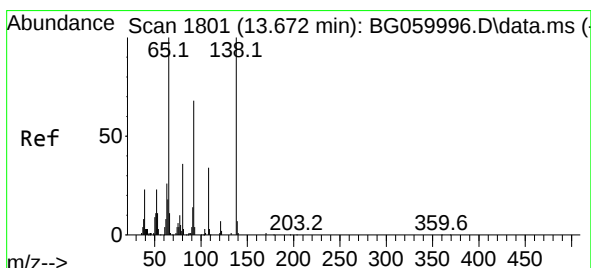
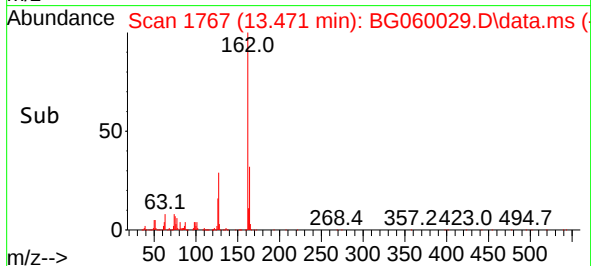
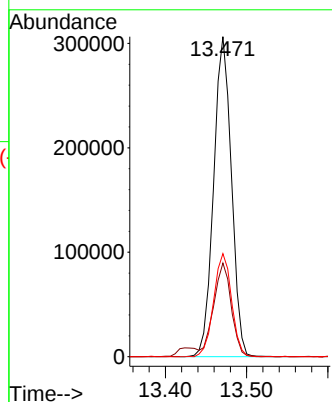
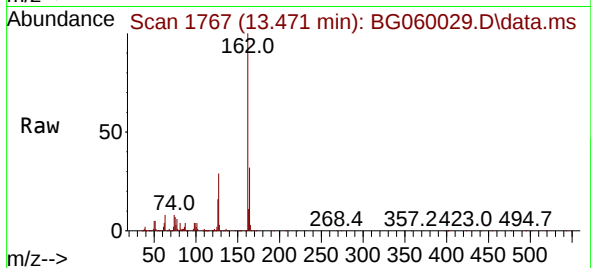




#47  
2-Chloronaphthalene  
Concen: 39.968 ng  
RT: 13.471 min Scan# 1  
Delta R.T. -0.001 min  
Lab File: BG060029.D  
Acq: 15 Dec 2023 10:25

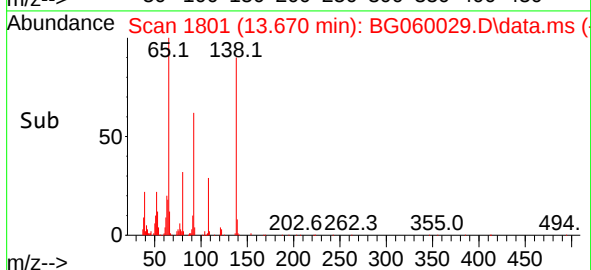
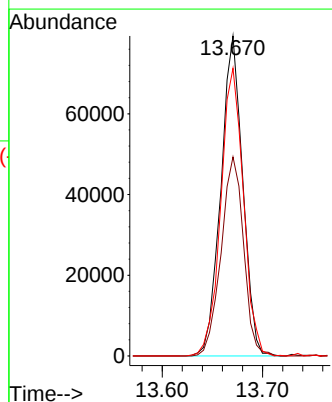
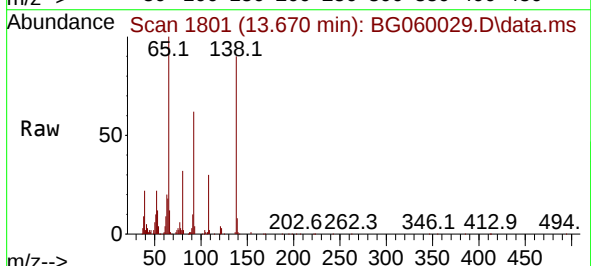
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

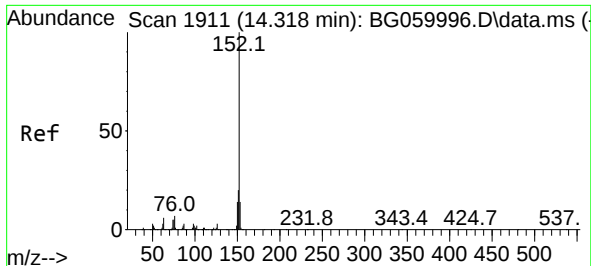
Tgt Ion:162 Resp: 465641  
Ion Ratio Lower Upper  
162 100  
127 29.2 21.8 32.6  
164 32.2 25.2 37.8



#48  
2-Nitroaniline  
Concen: 47.750 ng  
RT: 13.670 min Scan# 1801  
Delta R.T. -0.001 min  
Lab File: BG060029.D  
Acq: 15 Dec 2023 10:25

Tgt Ion: 65 Resp: 120088  
Ion Ratio Lower Upper  
65 100  
92 62.2 54.6 81.8  
138 89.9 80.2 120.2

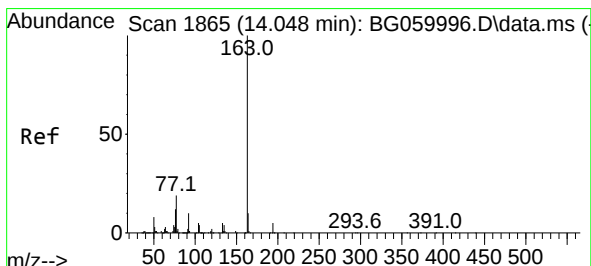
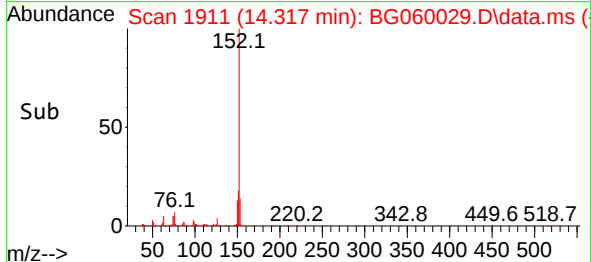
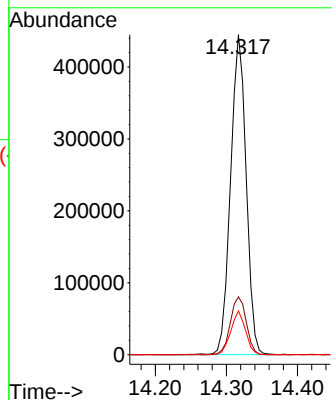
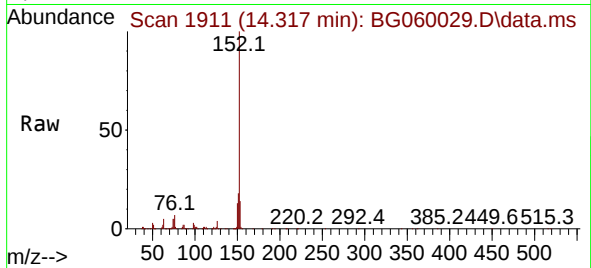




#49  
Acenaphthylene  
Concen: 42.468 ng  
RT: 14.317 min Scan# 1911  
Delta R.T. -0.001 min  
Lab File: BG060029.D  
Acq: 15 Dec 2023 10:25

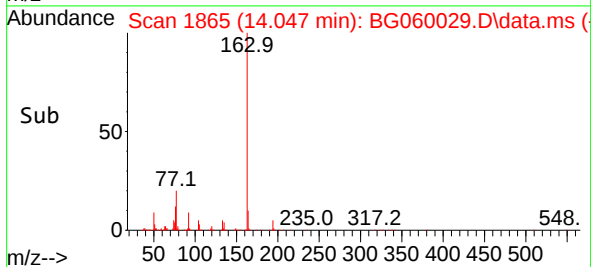
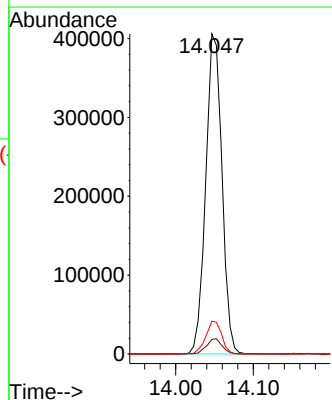
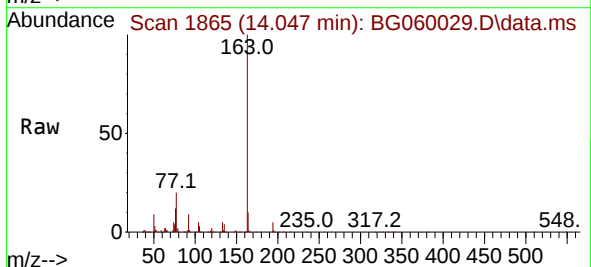
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

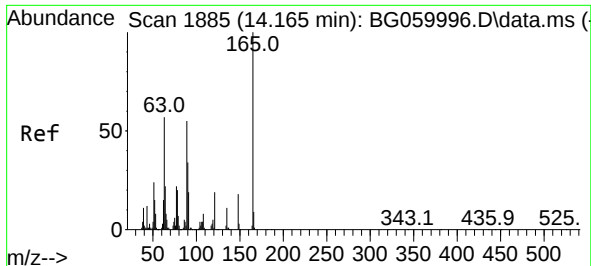
Tgt Ion:152 Resp: 676780  
Ion Ratio Lower Upper  
152 100  
151 18.1 15.8 23.8  
153 13.7 11.0 16.4



#50  
Dimethylphthalate  
Concen: 41.912 ng  
RT: 14.047 min Scan# 1865  
Delta R.T. -0.001 min  
Lab File: BG060029.D  
Acq: 15 Dec 2023 10:25

Tgt Ion:163 Resp: 590135  
Ion Ratio Lower Upper  
163 100  
194 4.5 3.7 5.5  
164 10.3 8.2 12.4

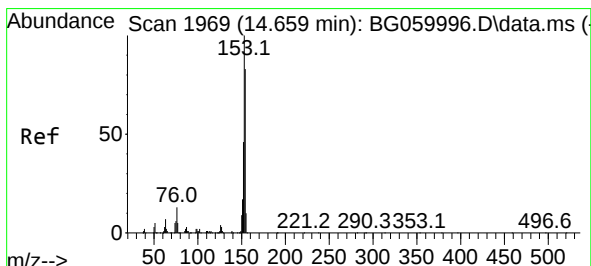
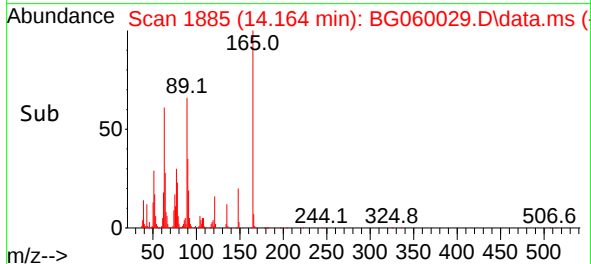
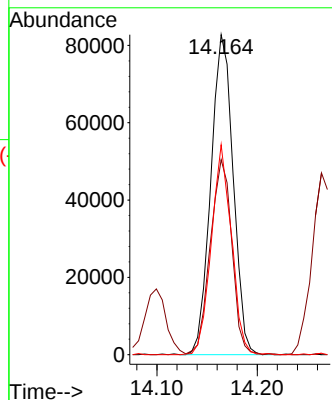
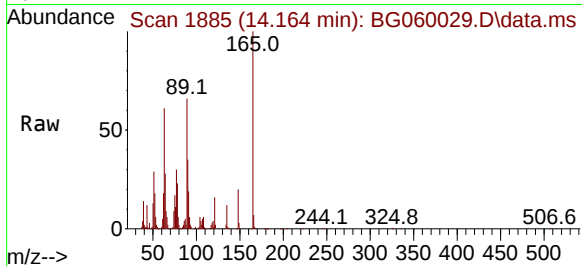




#51  
2,6-Dinitrotoluene  
Concen: 43.794 ng  
RT: 14.164 min Scan# 1885  
Delta R.T. -0.001 min  
Lab File: BG060029.D  
Acq: 15 Dec 2023 10:25

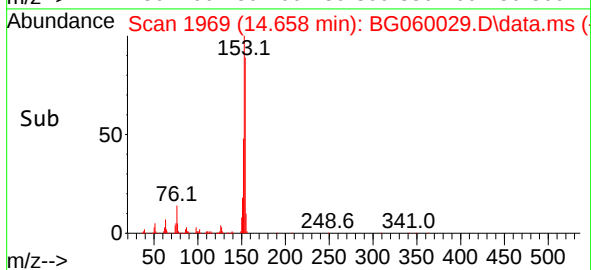
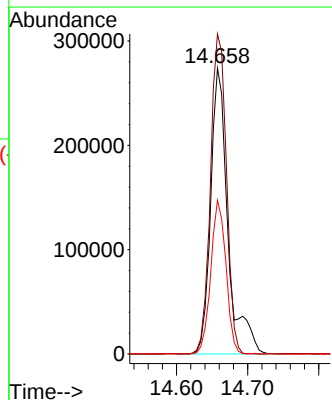
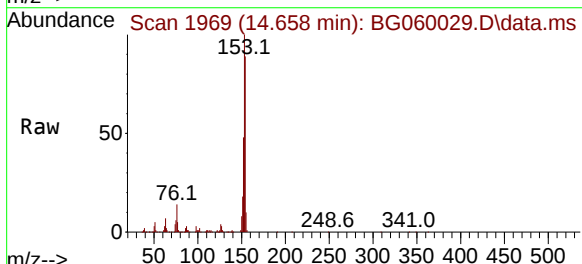
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

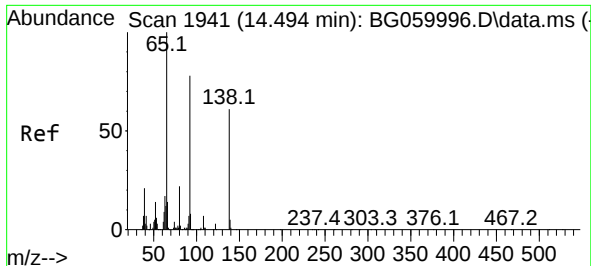
Tgt Ion:165 Resp: 127733  
Ion Ratio Lower Upper  
165 100  
63 61.0 48.2 72.2  
89 65.6 44.4 66.6



#52  
Acenaphthene  
Concen: 42.206 ng  
RT: 14.658 min Scan# 1969  
Delta R.T. -0.001 min  
Lab File: BG060029.D  
Acq: 15 Dec 2023 10:25

Tgt Ion:154 Resp: 462996  
Ion Ratio Lower Upper  
154 100  
153 112.0 96.0 144.0  
152 53.8 44.3 66.5

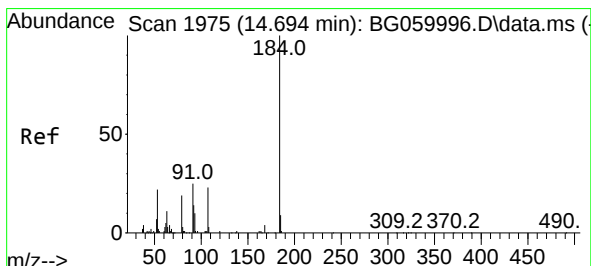
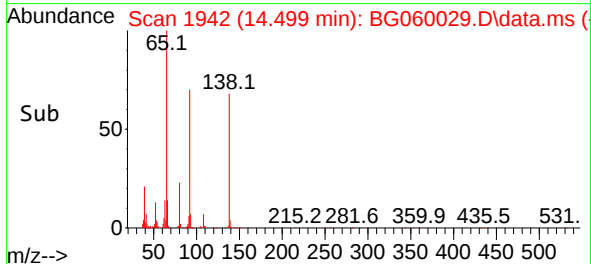
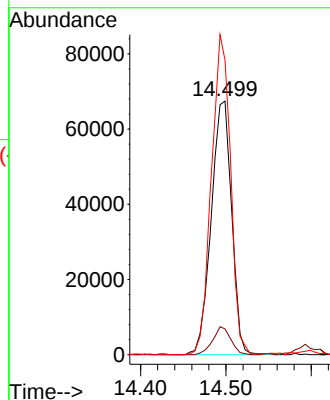
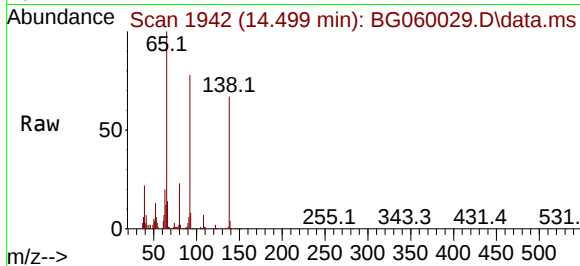




#53  
3-Nitroaniline  
Concen: 48.004 ng  
RT: 14.499 min Scan# 1941  
Delta R.T. 0.005 min  
Lab File: BG060029.D  
Acq: 15 Dec 2023 10:25

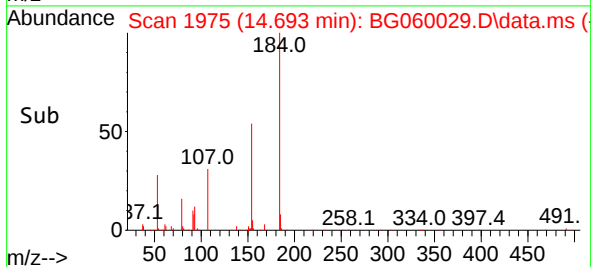
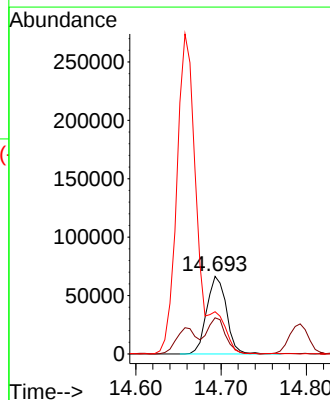
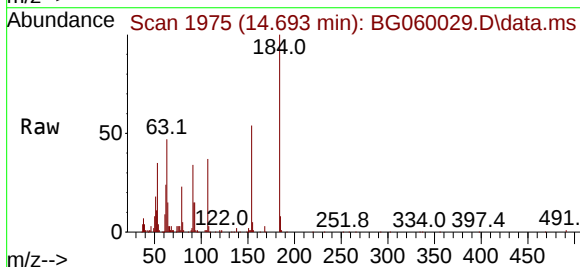
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

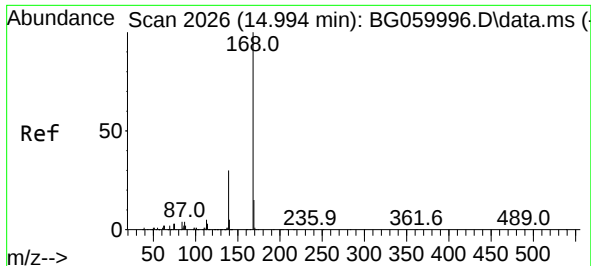
Tgt Ion:138 Resp: 111882  
Ion Ratio Lower Upper  
138 100  
108 10.1 8.9 13.3  
92 116.1 102.1 153.1



#54  
2,4-Dinitrophenol  
Concen: 49.654 ng  
RT: 14.693 min Scan# 1975  
Delta R.T. -0.001 min  
Lab File: BG060029.D  
Acq: 15 Dec 2023 10:25

Tgt Ion:184 Resp: 106703  
Ion Ratio Lower Upper  
184 100  
63 46.5 35.5 53.3  
154 54.5 36.7 55.1

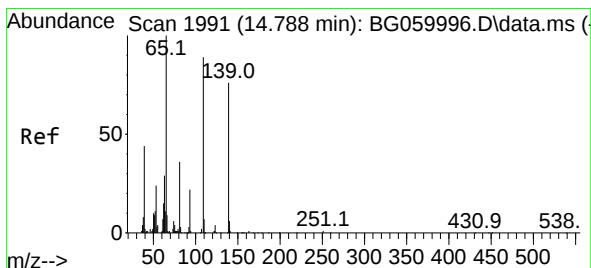
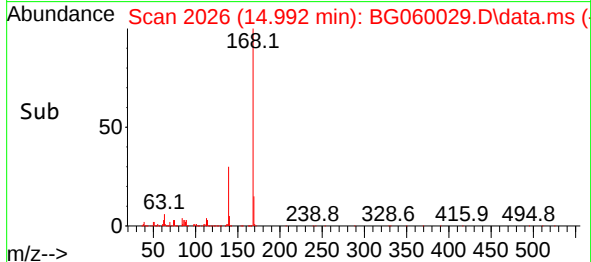
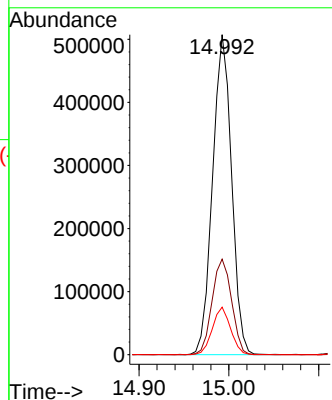
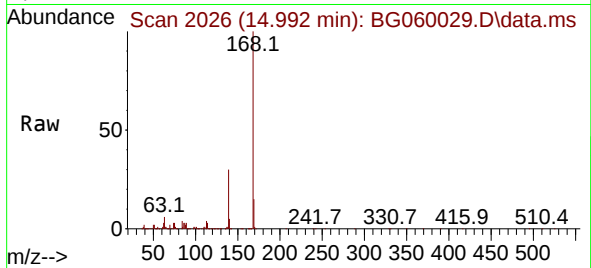




#55  
Dibenzofuran  
Concen: 41.710 ng  
RT: 14.992 min Scan# 20  
Delta R.T. -0.001 min  
Lab File: BG060029.D  
Acq: 15 Dec 2023 10:25

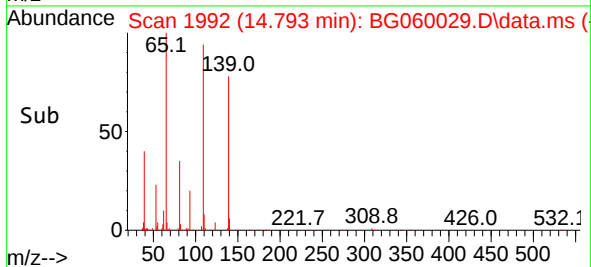
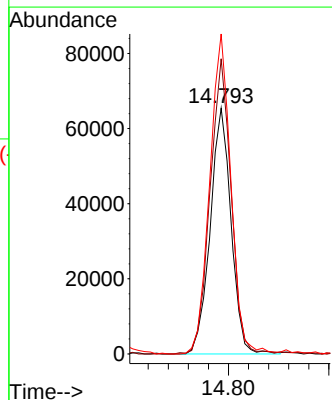
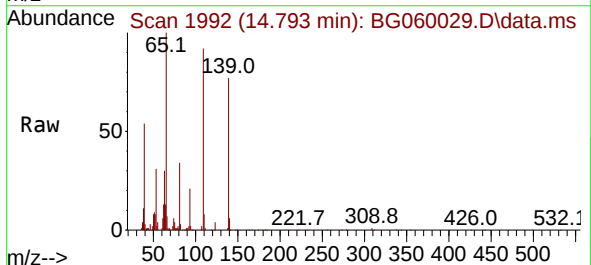
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

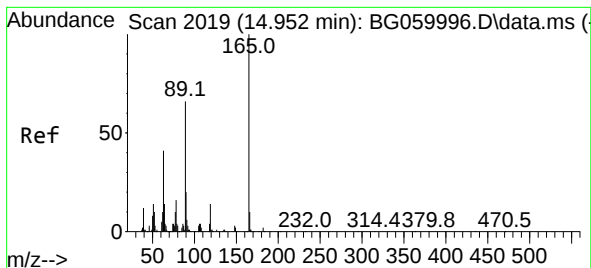
Tgt Ion:168 Resp: 744734  
Ion Ratio Lower Upper  
168 100  
139 29.9 24.0 36.0  
169 14.9 11.8 17.8



#56  
4-Nitrophenol  
Concen: 48.249 ng  
RT: 14.793 min Scan# 1992  
Delta R.T. 0.005 min  
Lab File: BG060029.D  
Acq: 15 Dec 2023 10:25

Tgt Ion:139 Resp: 94510  
Ion Ratio Lower Upper  
139 100  
109 120.2 97.2 137.2  
65 130.2 112.2 152.2

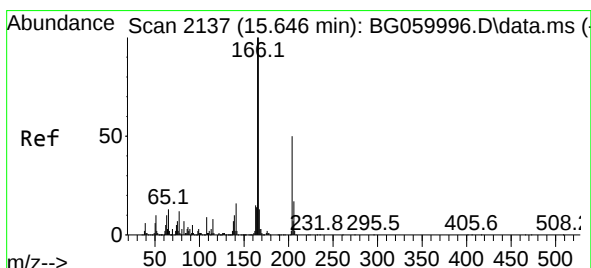
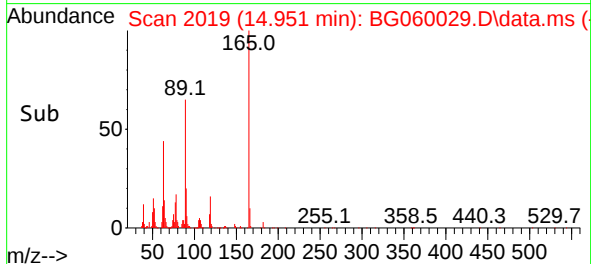
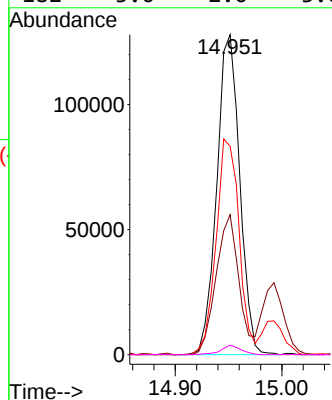
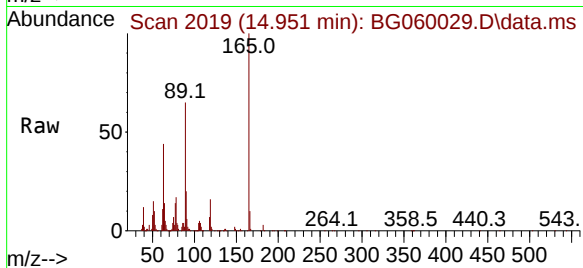




#57  
2,4-Dinitrotoluene  
Concen: 46.599 ng  
RT: 14.951 min Scan# 2019  
Delta R.T. -0.001 min  
Lab File: BG060029.D  
Acq: 15 Dec 2023 10:25

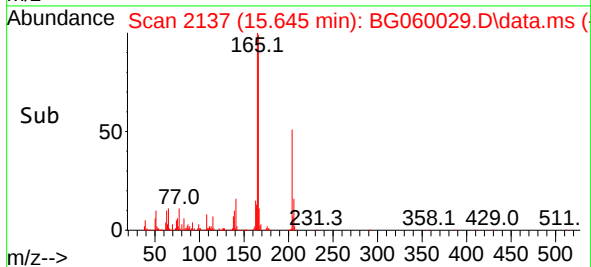
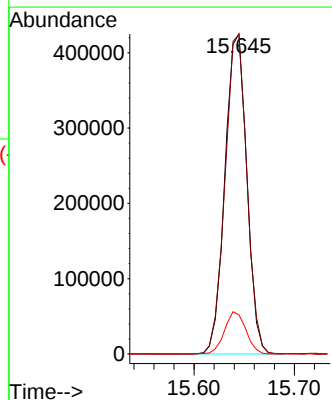
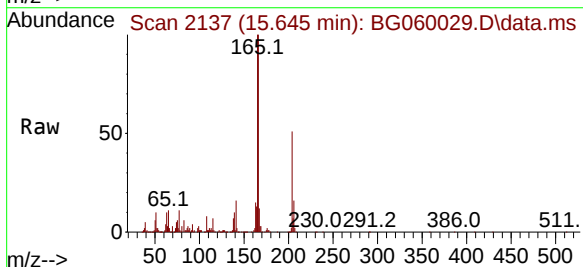
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

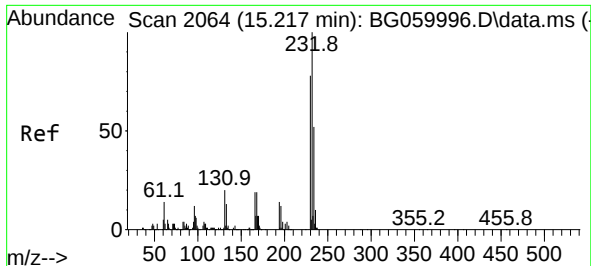
Tgt Ion:165 Resp: 191058  
Ion Ratio Lower Upper  
165 100  
63 43.8 32.8 49.2  
89 65.1 53.0 79.6  
182 3.0 2.0 3.0#



#58  
Fluorene  
Concen: 42.662 ng  
RT: 15.645 min Scan# 2137  
Delta R.T. -0.001 min  
Lab File: BG060029.D  
Acq: 15 Dec 2023 10:25

Tgt Ion:166 Resp: 642330  
Ion Ratio Lower Upper  
166 100  
165 99.8 80.2 120.2  
167 12.2 10.3 15.5

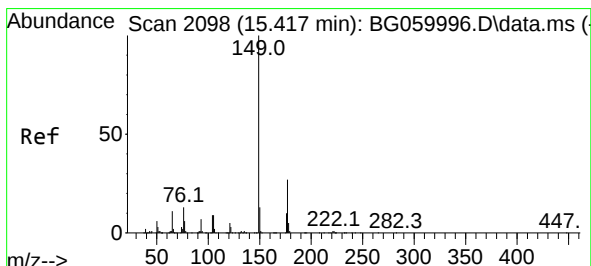
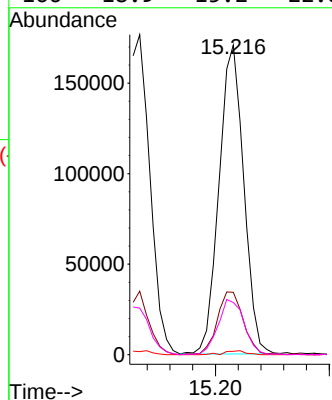
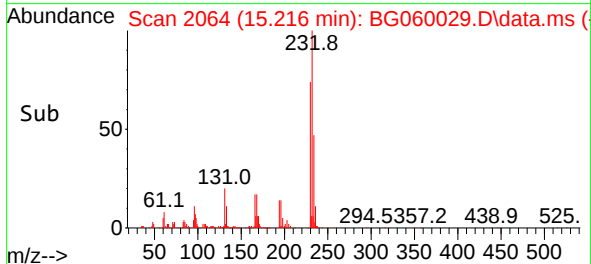
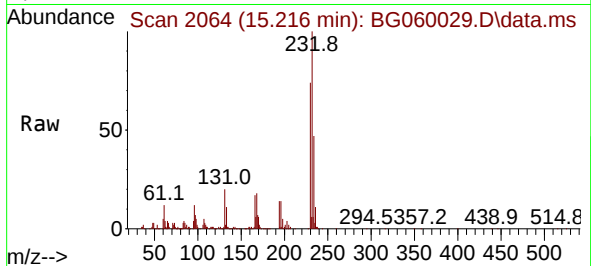




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 42.851 ng  
RT: 15.216 min Scan# 2064  
Delta R.T. -0.001 min  
Lab File: BG060029.D  
Acq: 15 Dec 2023 10:25

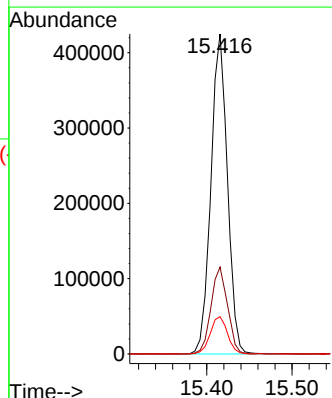
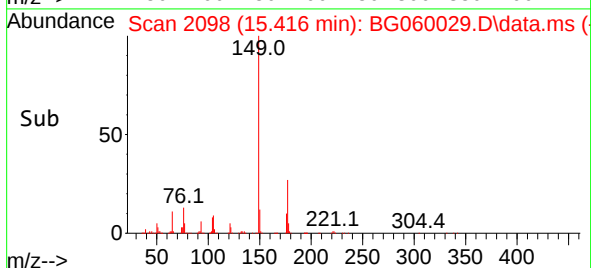
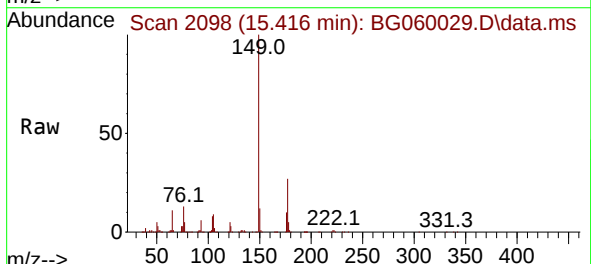
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

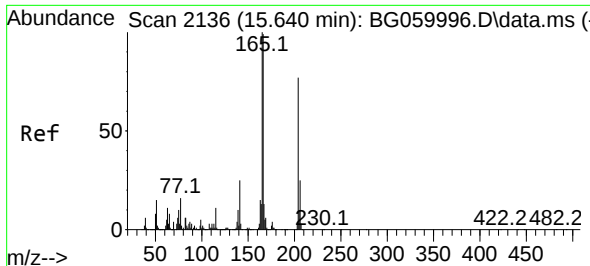
|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:232 | Resp: | 257257    |
| Ion Ratio   | Lower | Upper     |
| 232         | 100   |           |
| 131         | 21.6  | 17.6 26.4 |
| 130         | 1.1   | 1.0 1.6   |
| 166         | 18.9  | 15.2 22.8 |



#60  
Diethylphthalate  
Concen: 44.013 ng  
RT: 15.416 min Scan# 2098  
Delta R.T. -0.001 min  
Lab File: BG060029.D  
Acq: 15 Dec 2023 10:25

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:149 | Resp: | 570205    |
| Ion Ratio   | Lower | Upper     |
| 149         | 100   |           |
| 177         | 27.2  | 21.5 32.3 |
| 150         | 11.7  | 10.3 15.5 |

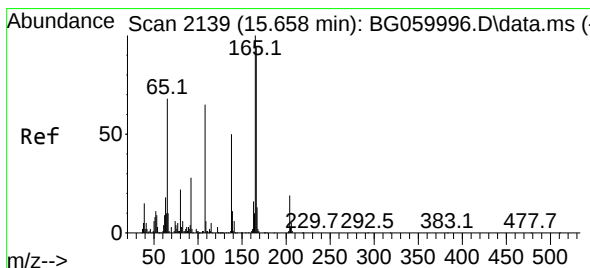
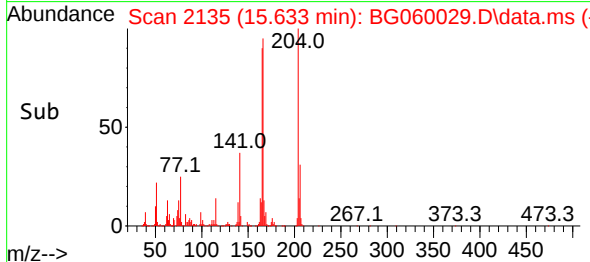
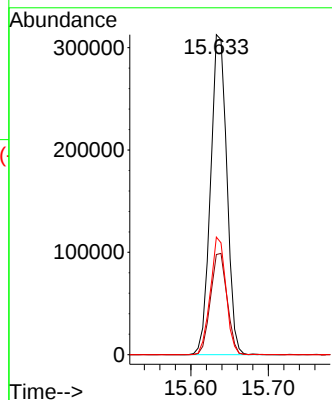
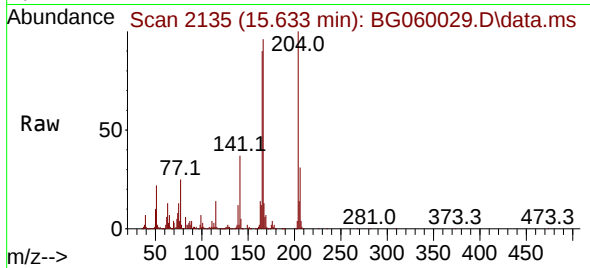




#61  
4-Chlorophenyl-phenylether  
Concen: 41.966 ng  
RT: 15.633 min Scan# 2135  
Delta R.T. -0.007 min  
Lab File: BG060029.D  
Acq: 15 Dec 2023 10:25

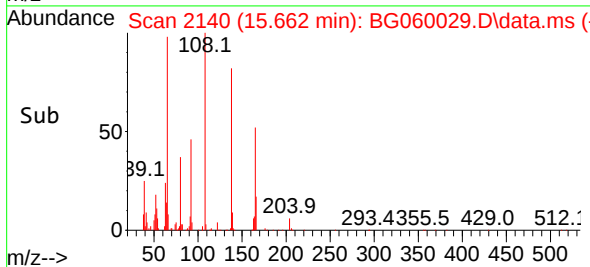
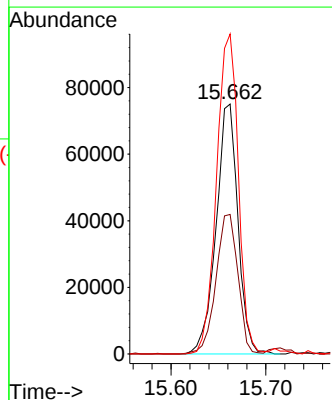
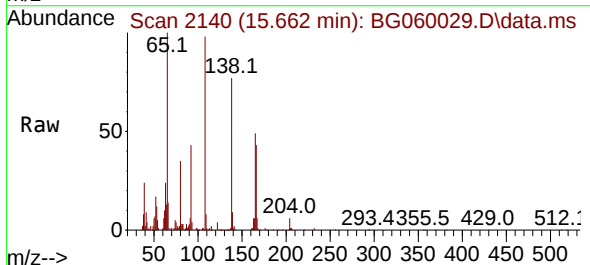
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

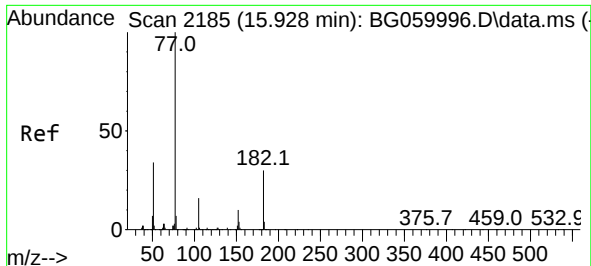
Tgt Ion:204 Resp: 455054  
Ion Ratio Lower Upper  
204 100  
206 31.3 25.9 38.9  
141 36.7 25.6 38.4



#62  
4-Nitroaniline  
Concen: 47.290 ng  
RT: 15.662 min Scan# 2140  
Delta R.T. 0.005 min  
Lab File: BG060029.D  
Acq: 15 Dec 2023 10:25

Tgt Ion:138 Resp: 120019  
Ion Ratio Lower Upper  
138 100  
92 55.8 36.3 76.3  
108 128.0 109.3 149.3

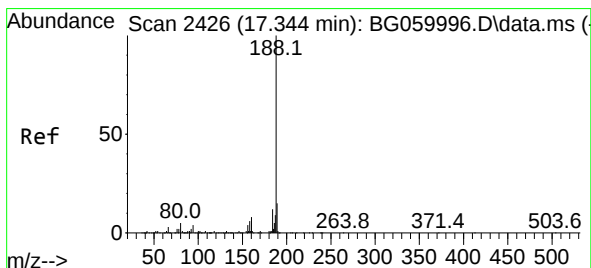
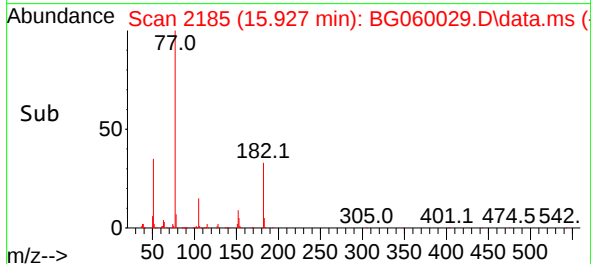
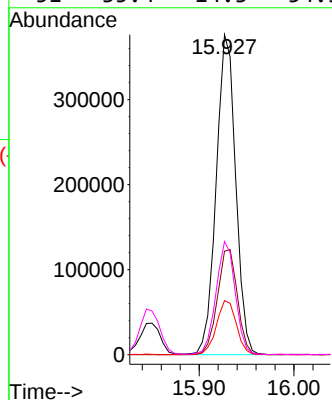
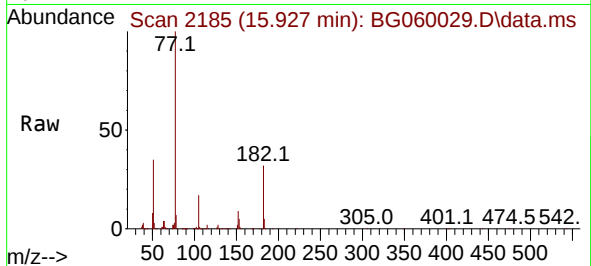




#63  
Azobenzene  
Concen: 42.098 ng  
RT: 15.927 min Scan# 2185  
Delta R.T. -0.001 min  
Lab File: BG060029.D  
Acq: 15 Dec 2023 10:25

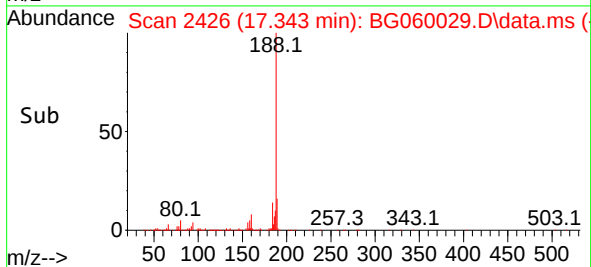
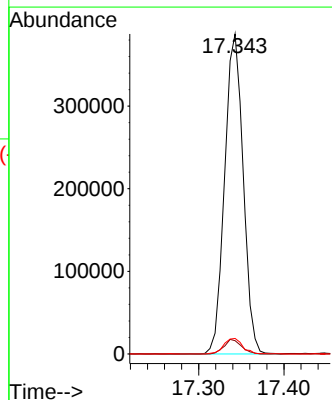
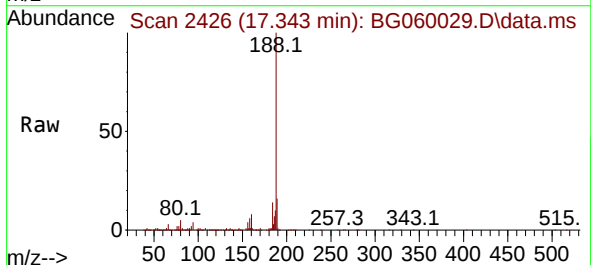
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

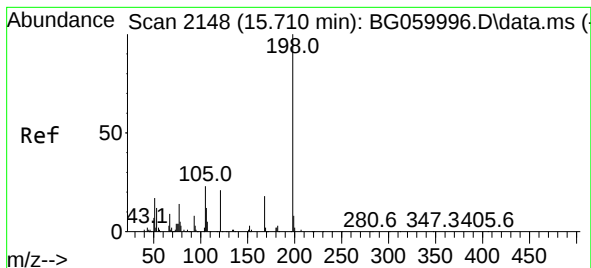
|             |              |
|-------------|--------------|
| Tgt Ion: 77 | Resp: 537719 |
| Ion Ratio   | Lower Upper  |
| 77 100      |              |
| 182 32.3    | 10.2 50.2    |
| 105 16.9    | 0.0 36.5     |
| 51 35.4     | 14.3 54.3    |



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.343 min Scan# 2426  
Delta R.T. -0.001 min  
Lab File: BG060029.D  
Acq: 15 Dec 2023 10:25

|             |              |
|-------------|--------------|
| Tgt Ion:188 | Resp: 584235 |
| Ion Ratio   | Lower Upper  |
| 188 100     |              |
| 94 4.2      | 3.0 4.6      |
| 80 4.9      | 4.0 6.0      |

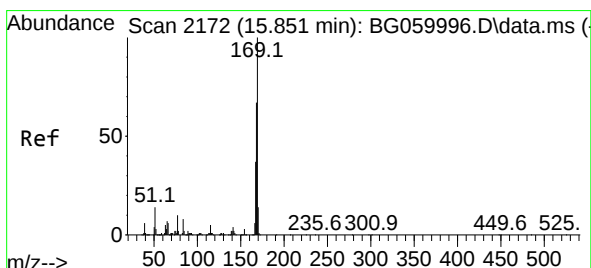
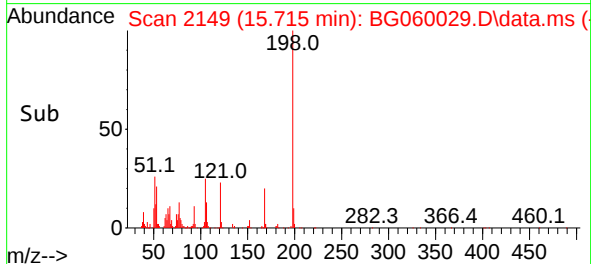
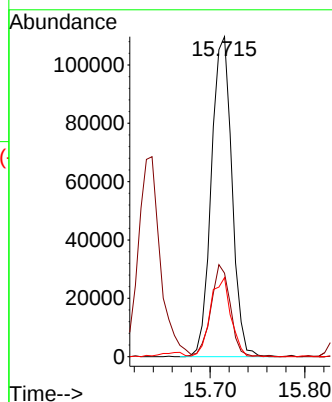
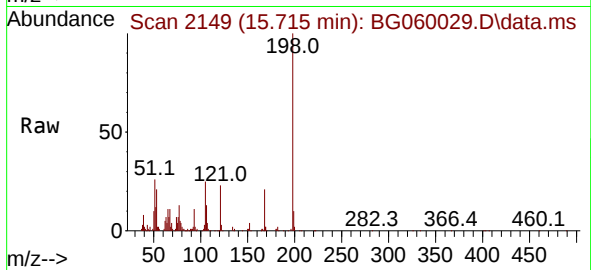




#65  
4,6-Dinitro-2-methylphenol  
Concen: 44.964 ng  
RT: 15.715 min Scan# 2148  
Delta R.T. 0.005 min  
Lab File: BG060029.D  
Acq: 15 Dec 2023 10:25

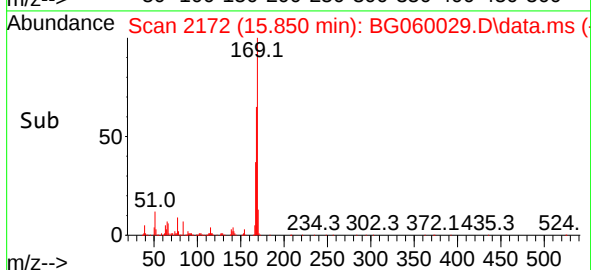
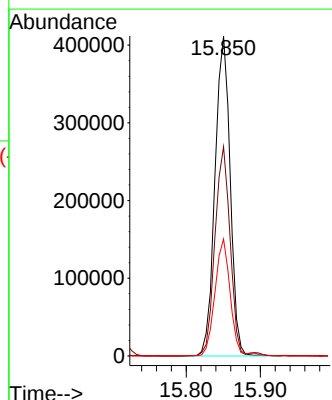
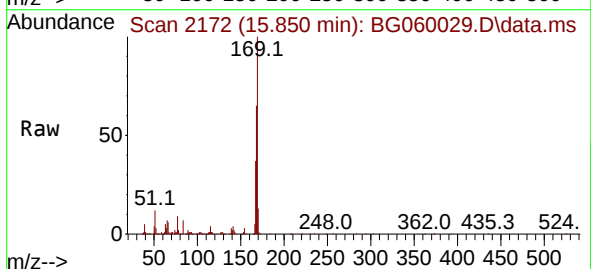
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

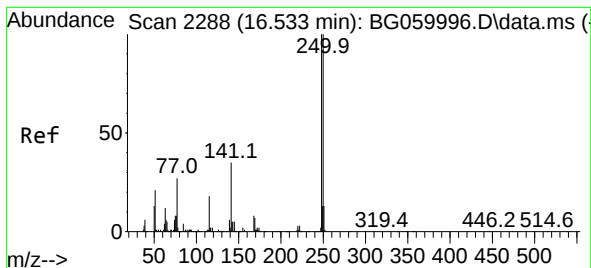
Tgt Ion:198 Resp: 164706  
Ion Ratio Lower Upper  
198 100  
51 26.1 0.0 39.7  
105 24.7 3.3 43.3



#66  
n-Nitrosodiphenylamine  
Concen: 40.962 ng  
RT: 15.850 min Scan# 2172  
Delta R.T. -0.001 min  
Lab File: BG060029.D  
Acq: 15 Dec 2023 10:25

Tgt Ion:169 Resp: 584630  
Ion Ratio Lower Upper  
169 100  
168 65.4 53.4 80.2  
167 36.6 30.0 45.0

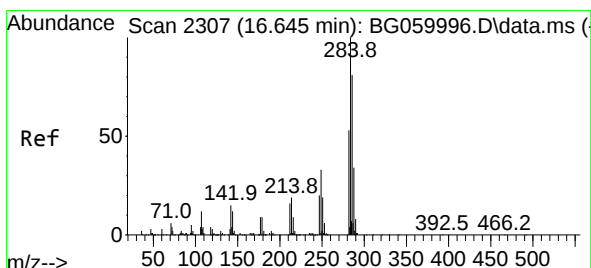
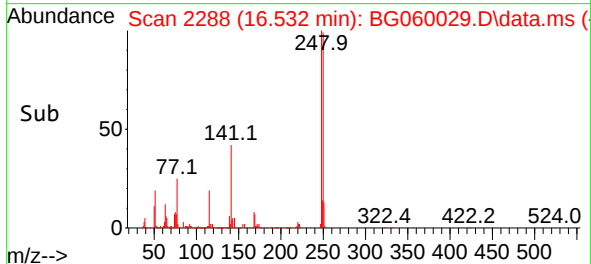
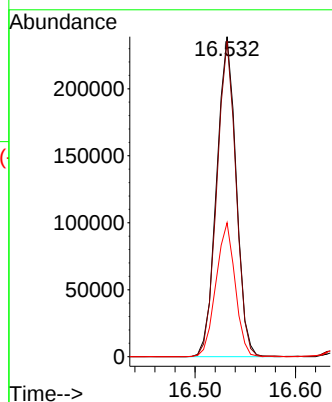
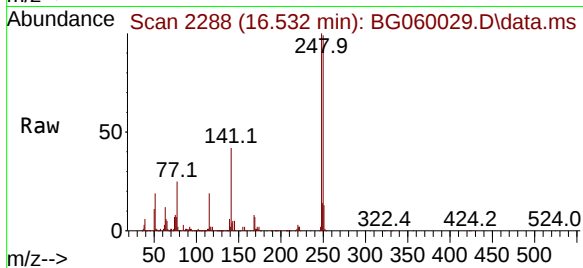




#67  
4-Bromophenyl-phenylether  
Concen: 39.083 ng  
RT: 16.532 min Scan# 21  
Delta R.T. -0.001 min  
Lab File: BG060029.D  
Acq: 15 Dec 2023 10:25

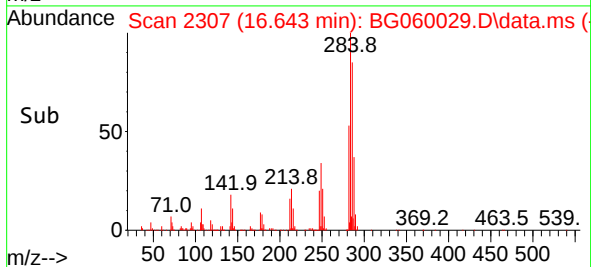
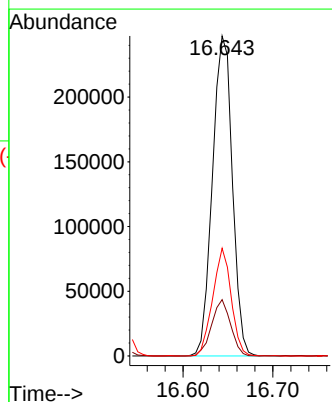
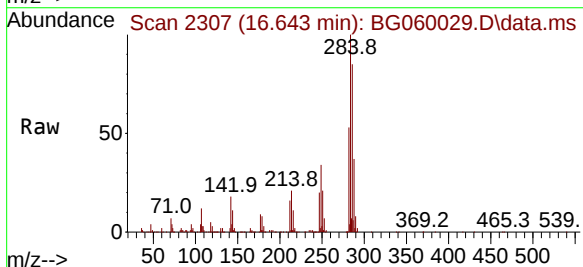
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

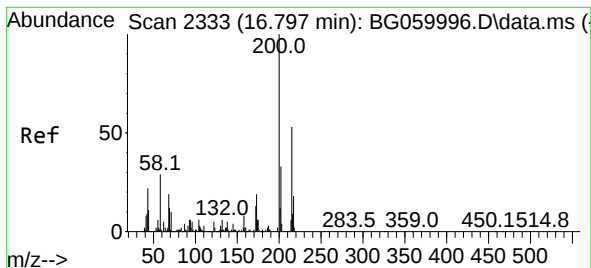
Tgt Ion:248 Resp: 322164  
Ion Ratio Lower Upper  
248 100  
250 98.7 79.9 119.9  
141 41.8 28.3 42.5



#68  
Hexachlorobenzene  
Concen: 39.516 ng  
RT: 16.643 min Scan# 2307  
Delta R.T. -0.001 min  
Lab File: BG060029.D  
Acq: 15 Dec 2023 10:25

Tgt Ion:284 Resp: 380789  
Ion Ratio Lower Upper  
284 100  
142 17.6 11.7 17.5#  
249 33.7 26.1 39.1





#69

Atrazine

Concen: 38.707 ng

RT: 16.796 min Scan# 21

Delta R.T. -0.001 min

Lab File: BG060029.D

Acq: 15 Dec 2023 10:25

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

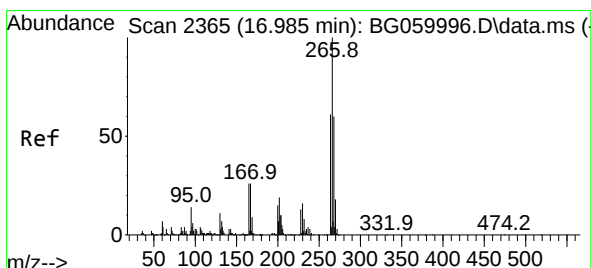
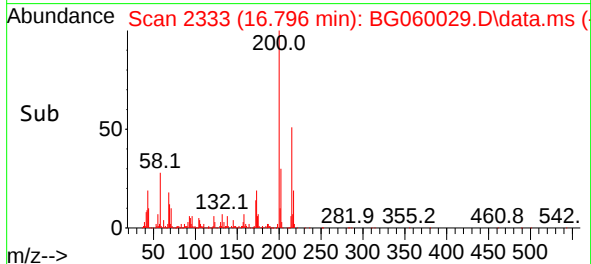
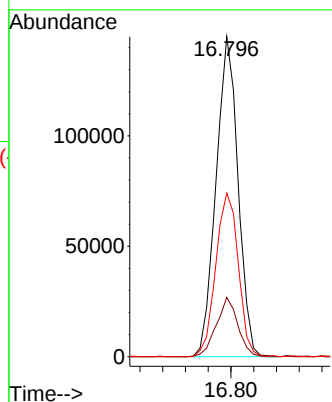
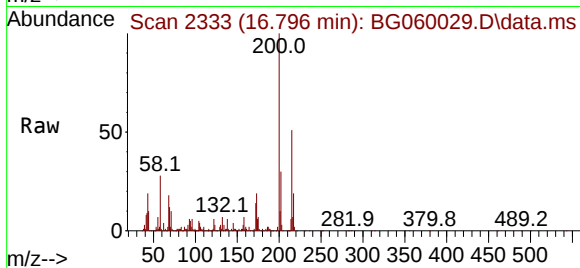
Tgt Ion:200 Resp: 194488

Ion Ratio Lower Upper

200 100

173 18.5 0.0 39.3

215 51.1 33.1 73.1



#70

Pentachlorophenol

Concen: 44.615 ng

RT: 16.984 min Scan# 2365

Delta R.T. -0.001 min

Lab File: BG060029.D

Acq: 15 Dec 2023 10:25

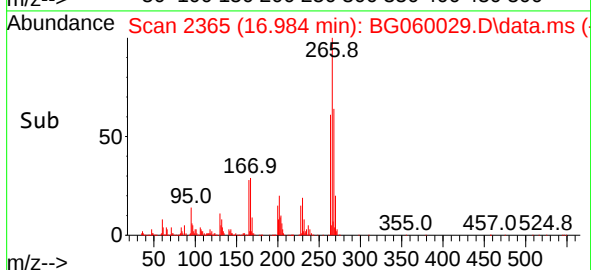
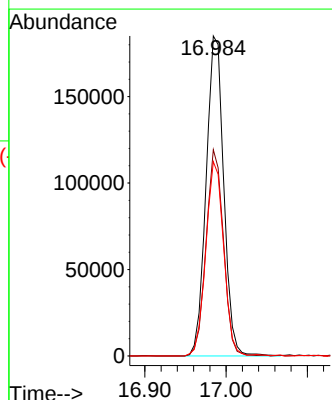
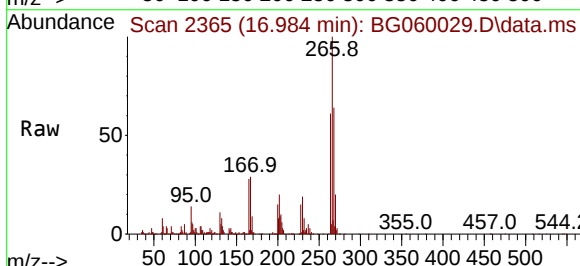
Tgt Ion:266 Resp: 278516

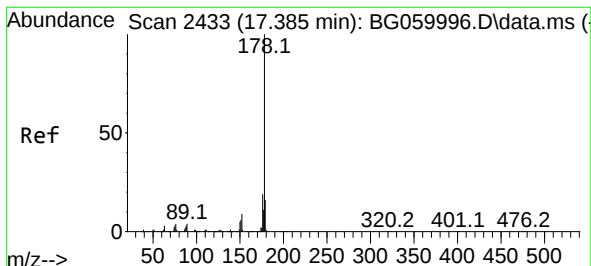
Ion Ratio Lower Upper

266 100

268 64.4 47.9 71.9

264 60.7 48.8 73.2





#71

Phenanthrene

Concen: 41.219 ng

RT: 17.384 min Scan# 2433

Delta R.T. -0.001 min

Lab File: BG060029.D

Acq: 15 Dec 2023 10:25

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

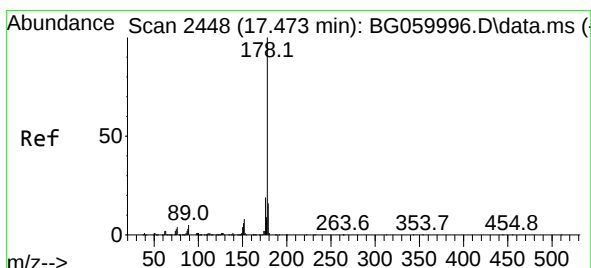
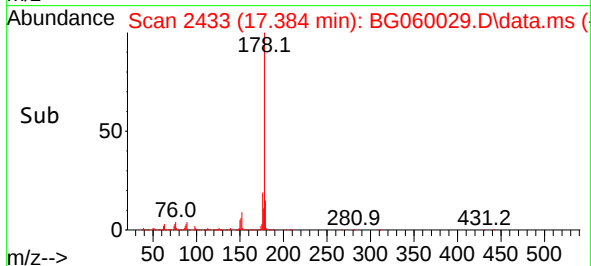
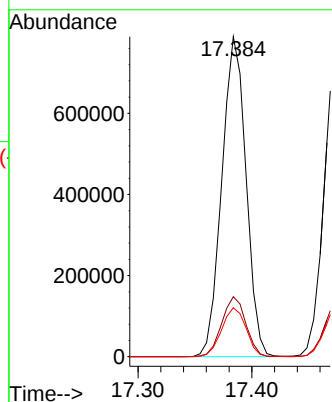
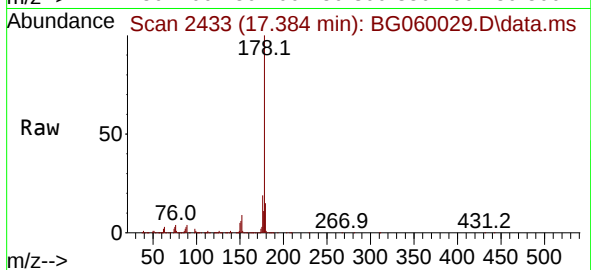
Tgt Ion:178 Resp: 1166446

Ion Ratio Lower Upper

178 100

176 18.8 15.6 23.4

179 15.3 12.6 19.0



#72

Anthracene

Concen: 42.143 ng

RT: 17.478 min Scan# 2449

Delta R.T. 0.005 min

Lab File: BG060029.D

Acq: 15 Dec 2023 10:25

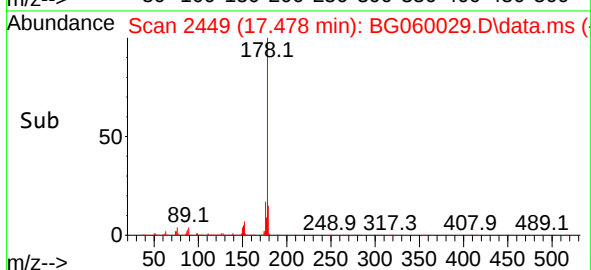
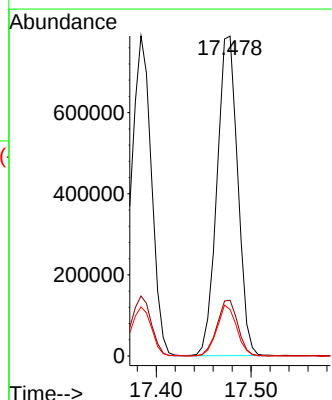
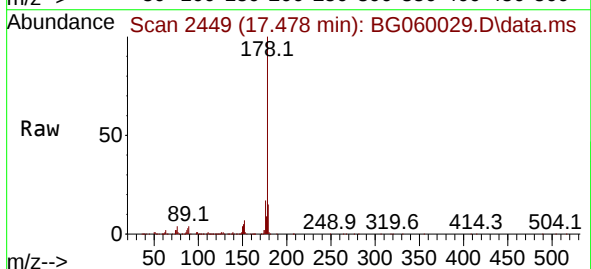
Tgt Ion:178 Resp: 1199103

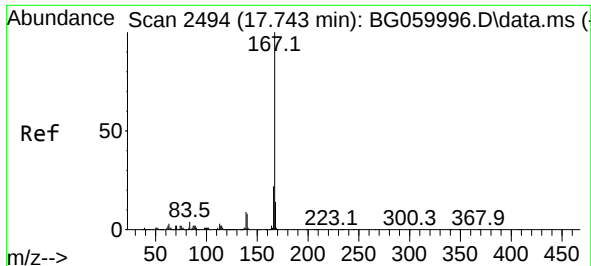
Ion Ratio Lower Upper

178 100

176 17.4 15.0 22.6

179 14.5 12.6 19.0

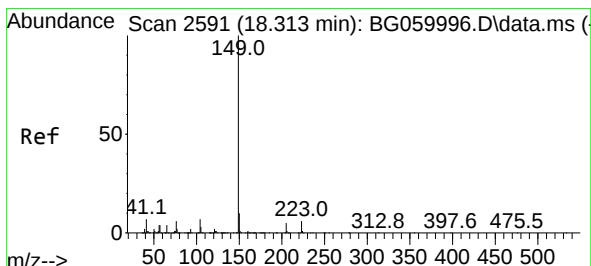
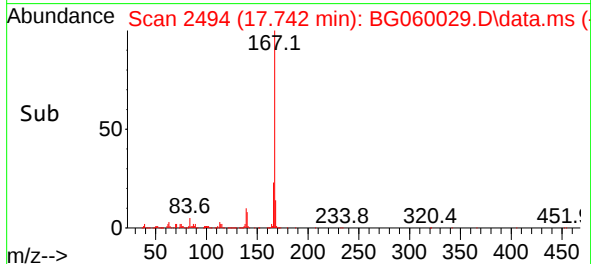
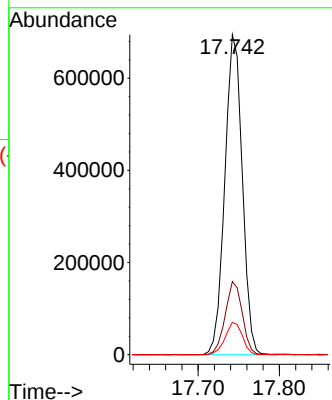
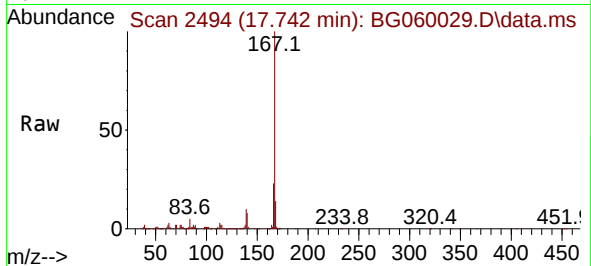




#73  
 Carbazole  
 Concen: 42.964 ng  
 RT: 17.742 min Scan# 2494  
 Delta R.T. -0.001 min  
 Lab File: BG060029.D  
 Acq: 15 Dec 2023 10:25

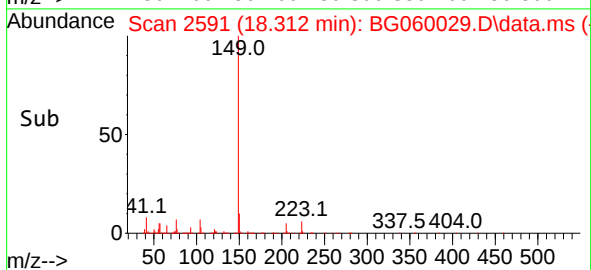
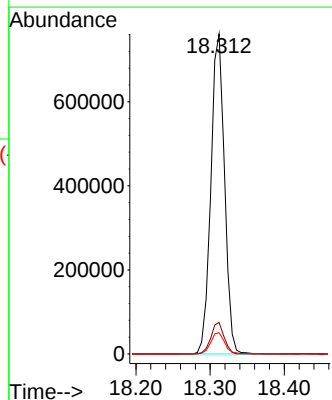
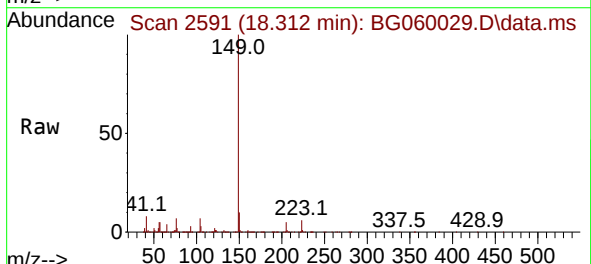
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

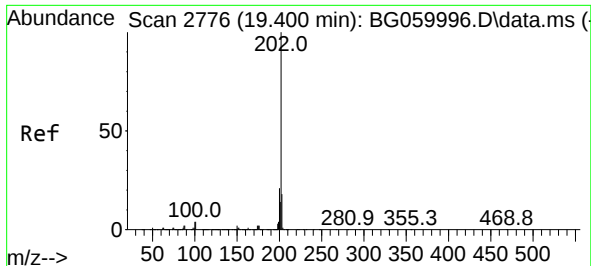
Tgt Ion:167 Resp: 1038797  
 Ion Ratio Lower Upper  
 167 100  
 166 22.9 17.4 26.0  
 139 10.1 7.5 11.3



#74  
 Di-n-butylphthalate  
 Concen: 44.030 ng  
 RT: 18.312 min Scan# 2591  
 Delta R.T. -0.001 min  
 Lab File: BG060029.D  
 Acq: 15 Dec 2023 10:25

Tgt Ion:149 Resp: 971172  
 Ion Ratio Lower Upper  
 149 100  
 150 9.9 7.9 11.9  
 104 6.6 5.6 8.4

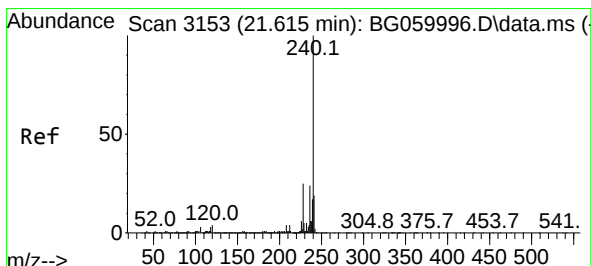
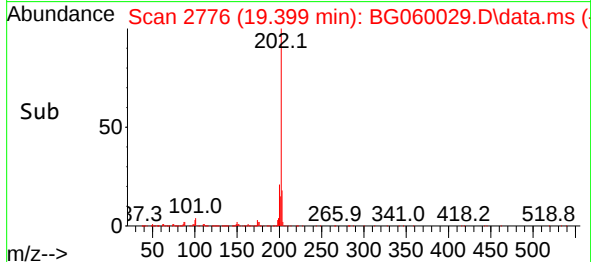
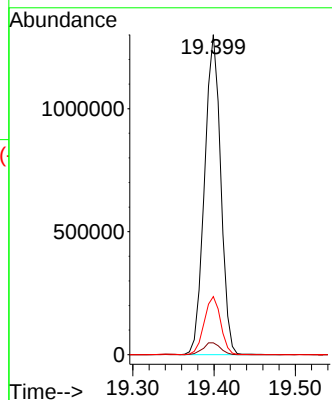
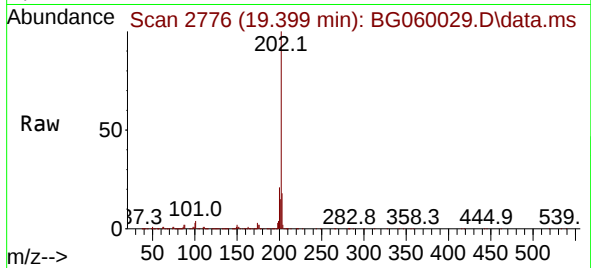




#75  
Fluoranthene  
Concen: 43.433 ng  
RT: 19.399 min Scan# 21  
Delta R.T. -0.001 min  
Lab File: BG060029.D  
Acq: 15 Dec 2023 10:25

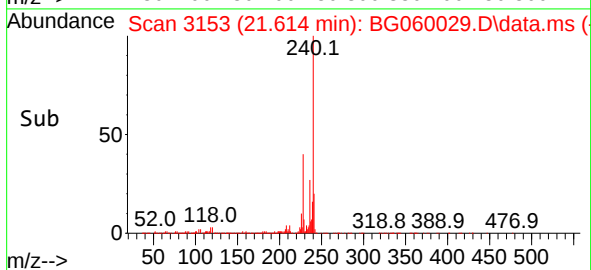
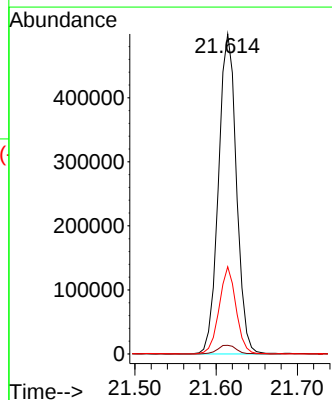
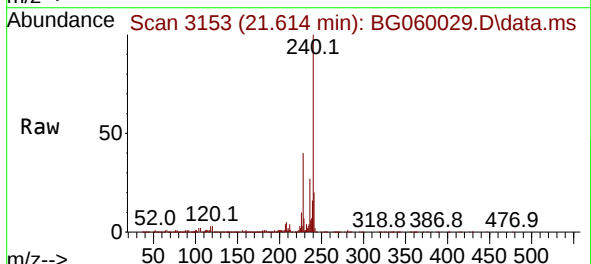
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

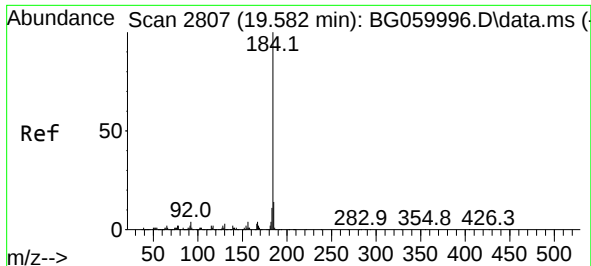
Tgt Ion:202 Resp: 1793567  
Ion Ratio Lower Upper  
202 100  
101 3.7 0.0 24.2  
203 18.1 0.0 37.6



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.614 min Scan# 3153  
Delta R.T. -0.001 min  
Lab File: BG060029.D  
Acq: 15 Dec 2023 10:25

Tgt Ion:240 Resp: 768740  
Ion Ratio Lower Upper  
240 100  
120 2.7 2.9 4.3#  
236 27.3 19.4 29.2

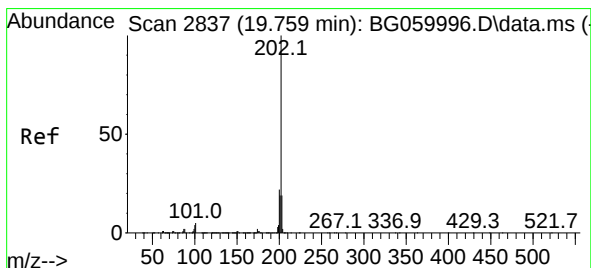
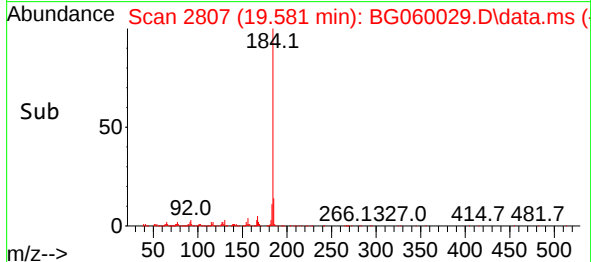
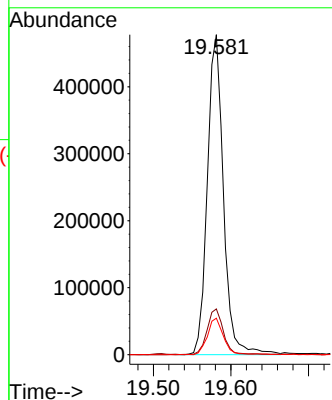
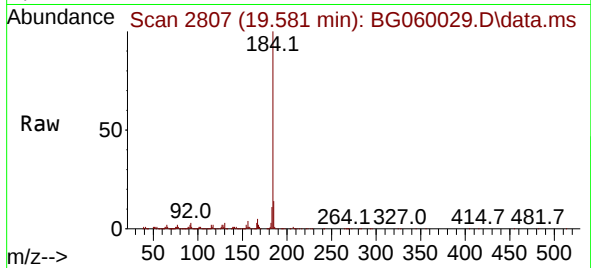




#77  
Benzidine  
Concen: 69.704 ng  
RT: 19.581 min Scan# 2807  
Delta R.T. -0.001 min  
Lab File: BG060029.D  
Acq: 15 Dec 2023 10:25

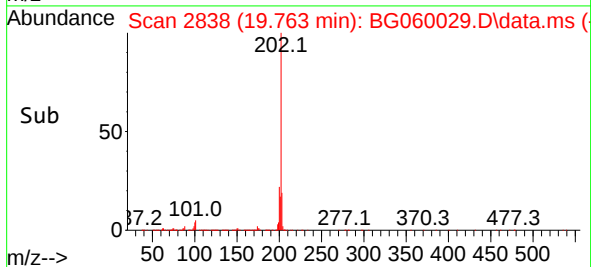
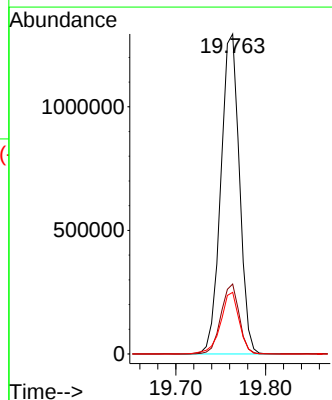
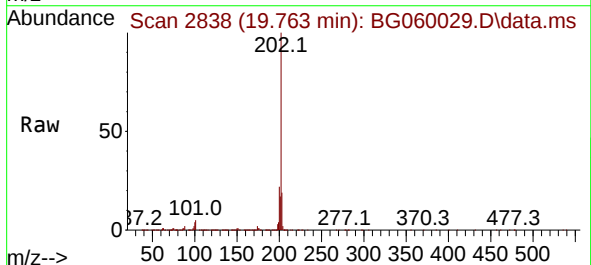
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

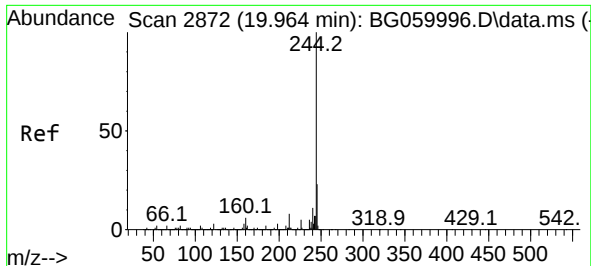
Tgt Ion:184 Resp: 688277  
Ion Ratio Lower Upper  
184 100  
185 14.3 11.1 16.7  
183 11.4 9.0 13.4



#78  
Pyrene  
Concen: 39.896 ng  
RT: 19.763 min Scan# 2838  
Delta R.T. 0.005 min  
Lab File: BG060029.D  
Acq: 15 Dec 2023 10:25

Tgt Ion:202 Resp: 1859153  
Ion Ratio Lower Upper  
202 100  
200 21.9 17.6 26.4  
203 19.2 14.9 22.3

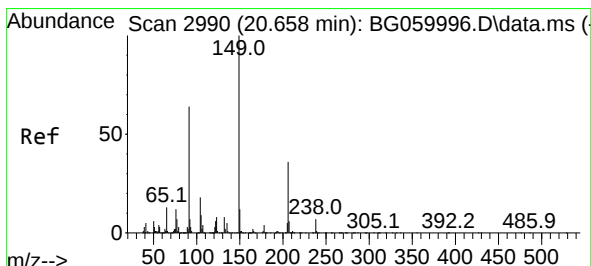
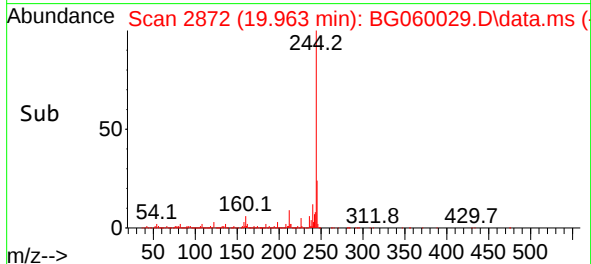
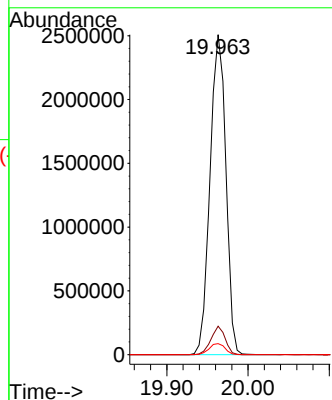
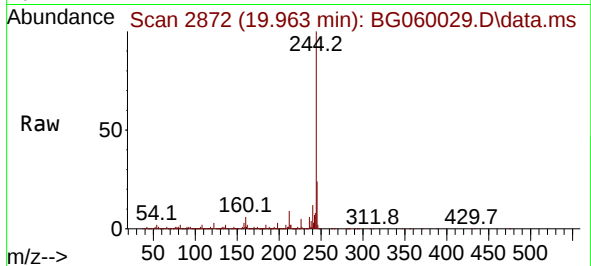




#79  
 Terphenyl-d14  
 Concen: 80.646 ng  
 RT: 19.963 min Scan# 21  
 Delta R.T. -0.001 min  
 Lab File: BG060029.D  
 Acq: 15 Dec 2023 10:25

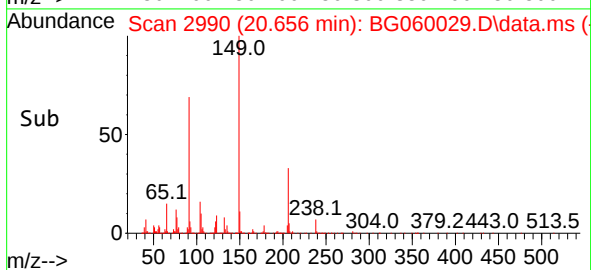
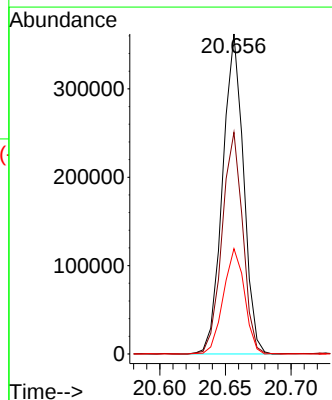
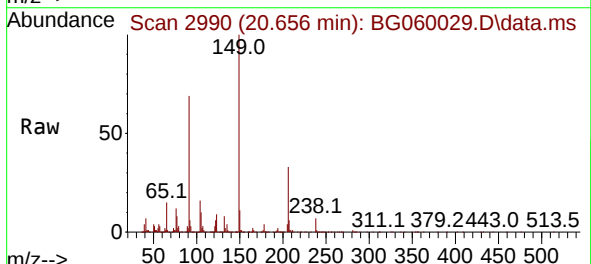
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

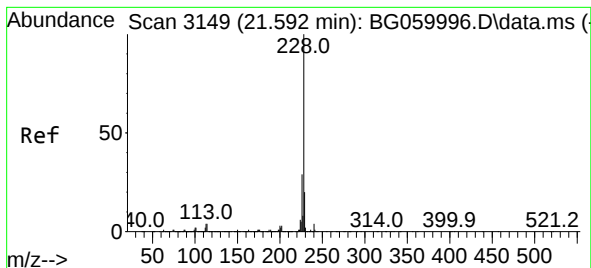
Tgt Ion:244 Resp: 3395700  
 Ion Ratio Lower Upper  
 244 100  
 212 8.9 6.8 10.2  
 122 3.4 2.6 3.8



#80  
 Butylbenzylphthalate  
 Concen: 47.873 ng  
 RT: 20.656 min Scan# 2990  
 Delta R.T. -0.001 min  
 Lab File: BG060029.D  
 Acq: 15 Dec 2023 10:25

Tgt Ion:149 Resp: 400659  
 Ion Ratio Lower Upper  
 149 100  
 91 69.3 51.3 76.9  
 206 32.9 28.8 43.2





#81

Benzo(a)anthracene

Concen: 41.112 ng

RT: 21.596 min Scan# 3149

Delta R.T. 0.005 min

Lab File: BG060029.D

Acq: 15 Dec 2023 10:25

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

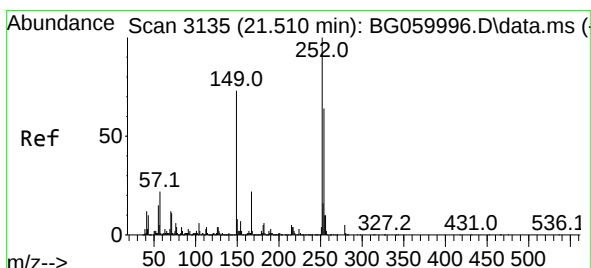
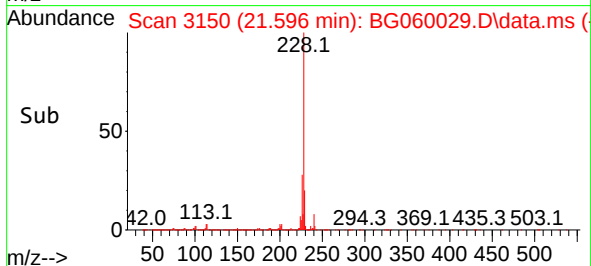
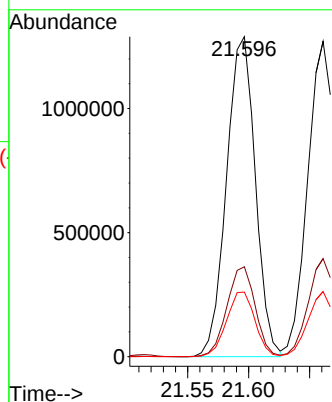
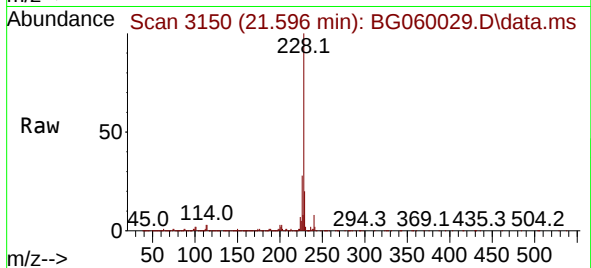
Tgt Ion:228 Resp: 2122972

Ion Ratio Lower Upper

228 100

226 28.1 22.9 34.3

229 20.2 16.2 24.2



#82

3,3'-Dichlorobenzidine

Concen: 43.401 ng

RT: 21.514 min Scan# 3136

Delta R.T. 0.005 min

Lab File: BG060029.D

Acq: 15 Dec 2023 10:25

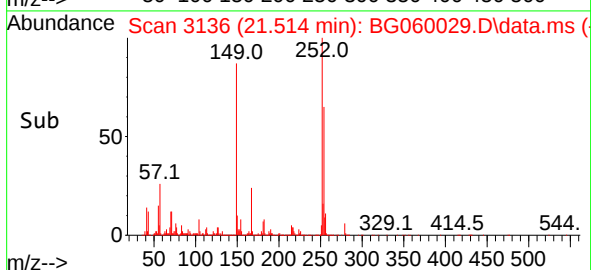
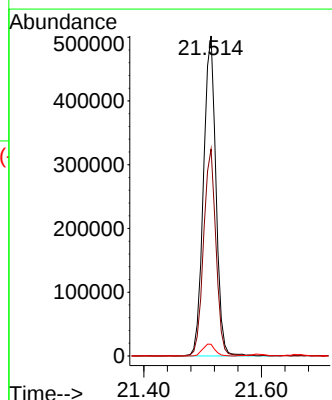
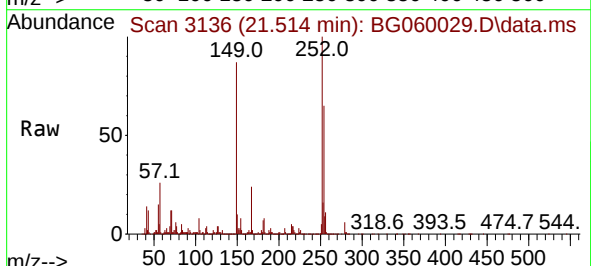
Tgt Ion:252 Resp: 737471

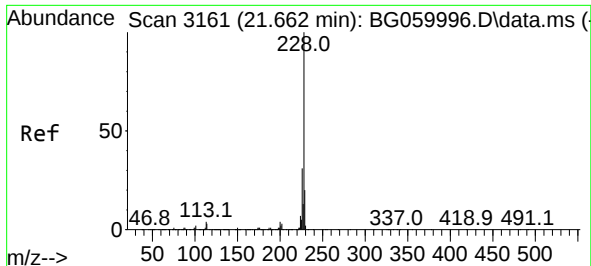
Ion Ratio Lower Upper

252 100

254 64.6 51.0 76.4

126 3.7 3.0 4.4





#83

Chrysene

Concen: 41.527 ng

RT: 21.661 min Scan# 3161

Delta R.T. -0.001 min

Lab File: BG060029.D

Acq: 15 Dec 2023 10:25

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

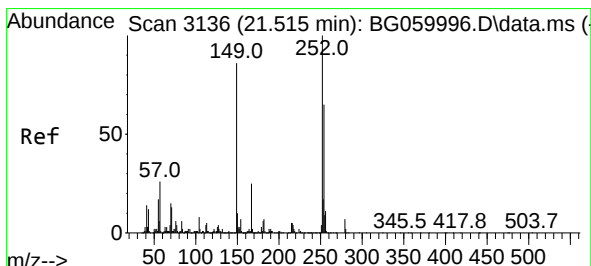
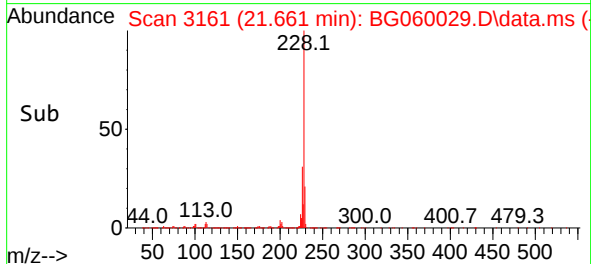
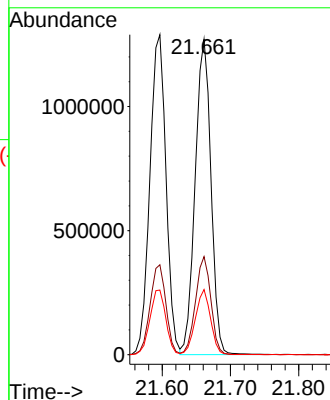
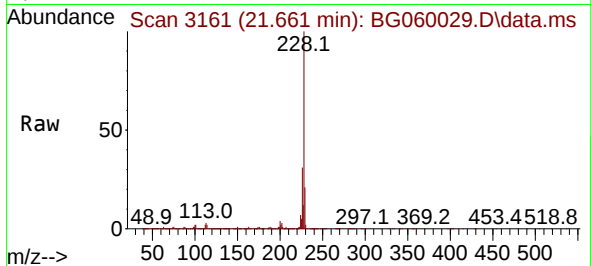
Tgt Ion:228 Resp: 2031599

Ion Ratio Lower Upper

228 100

226 31.1 25.0 37.6

229 20.7 16.2 24.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.827 ng

RT: 21.514 min Scan# 3136

Delta R.T. -0.001 min

Lab File: BG060029.D

Acq: 15 Dec 2023 10:25

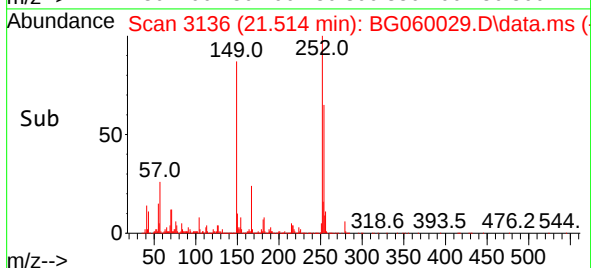
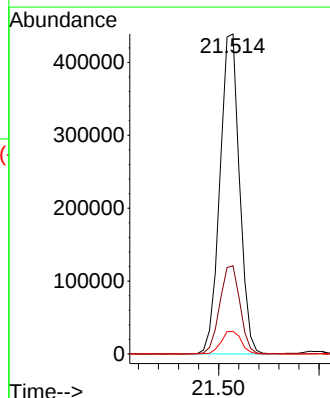
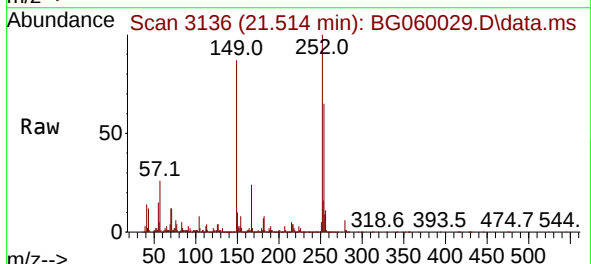
Tgt Ion:149 Resp: 594013

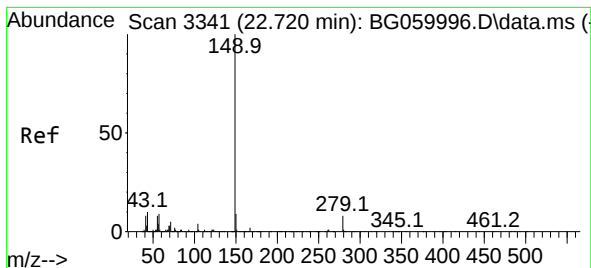
Ion Ratio Lower Upper

149 100

167 27.5 23.0 34.6

279 7.0 6.2 9.2

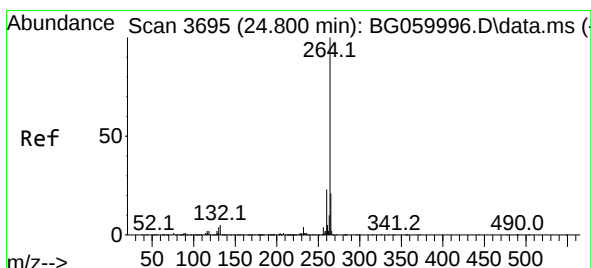
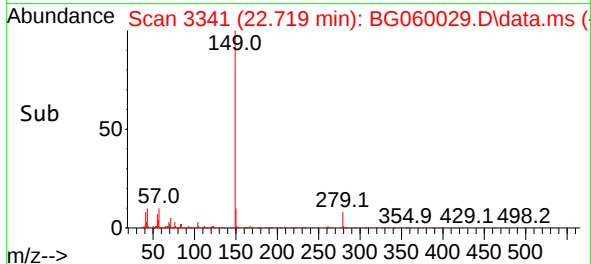
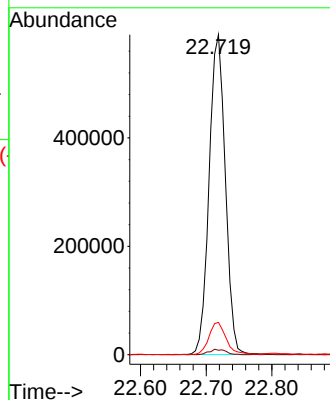
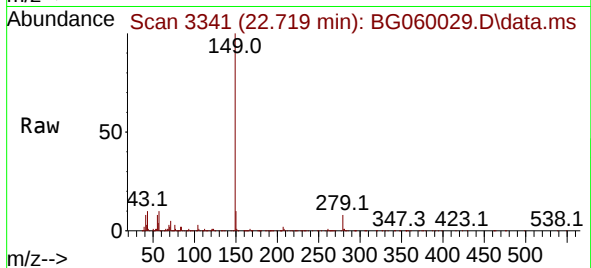




#85  
Di-n-octyl phthalate  
Concen: 46.161 ng  
RT: 22.719 min Scan# 31  
Delta R.T. -0.001 min  
Lab File: BG060029.D  
Acq: 15 Dec 2023 10:25

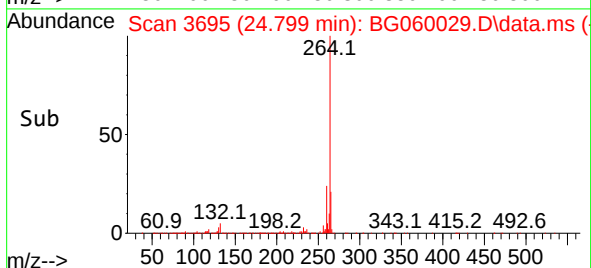
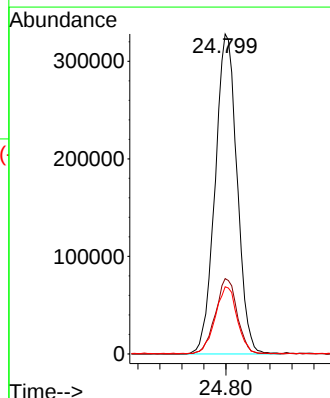
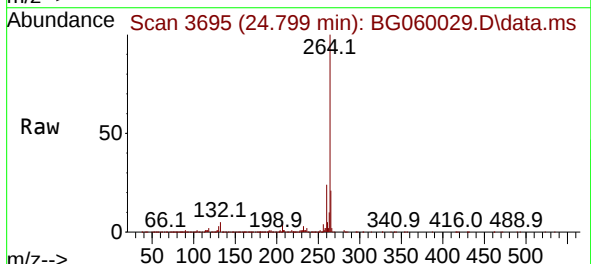
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

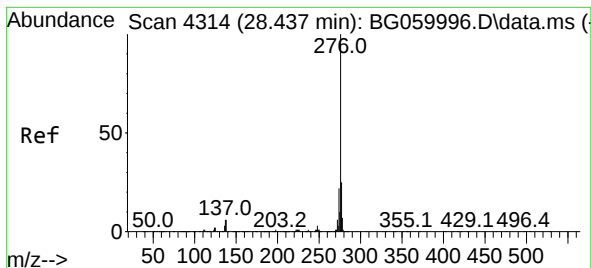
Tgt Ion:149 Resp: 1012899  
Ion Ratio Lower Upper  
149 100  
167 1.7 1.4 2.2  
43 10.8 8.3 12.5



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 24.799 min Scan# 3695  
Delta R.T. -0.001 min  
Lab File: BG060029.D  
Acq: 15 Dec 2023 10:25

Tgt Ion:264 Resp: 907117  
Ion Ratio Lower Upper  
264 100  
260 23.6 18.5 27.7  
265 21.0 17.3 25.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 41.018 ng

RT: 28.436 min Scan# 41

Delta R.T. -0.001 min

Lab File: BG060029.D

Acq: 15 Dec 2023 10:25

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

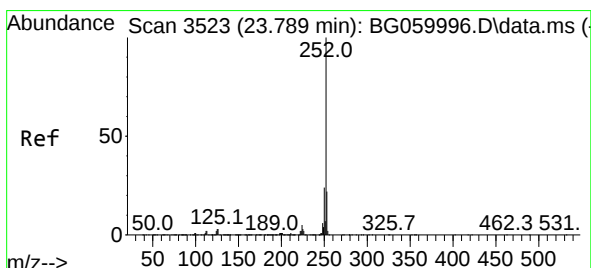
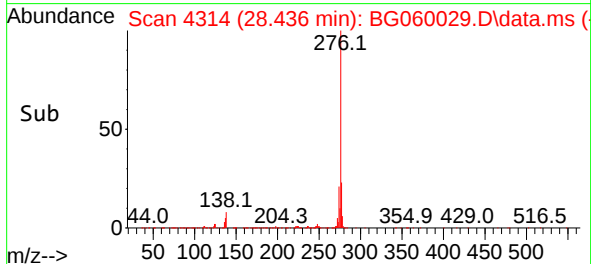
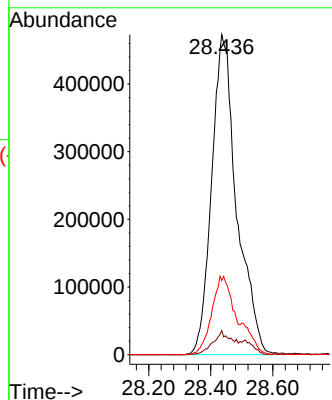
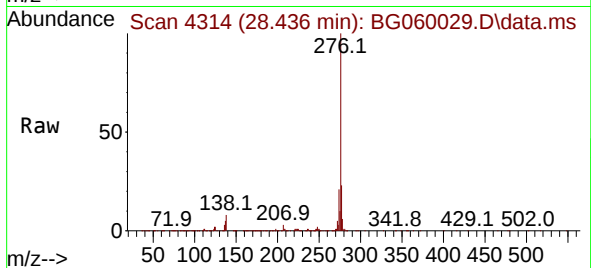
Tgt Ion:276 Resp: 2655458

Ion Ratio Lower Upper

276 100

138 6.1 4.7 7.1

277 20.8 20.0 30.0



#88

Benzo(b)fluoranthene

Concen: 40.878 ng

RT: 23.788 min Scan# 3523

Delta R.T. -0.001 min

Lab File: BG060029.D

Acq: 15 Dec 2023 10:25

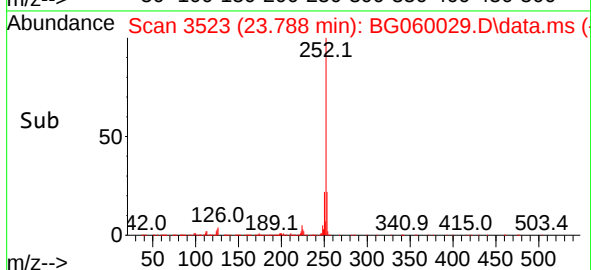
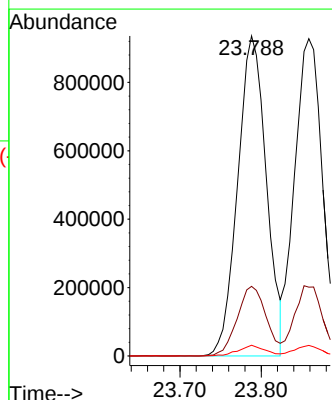
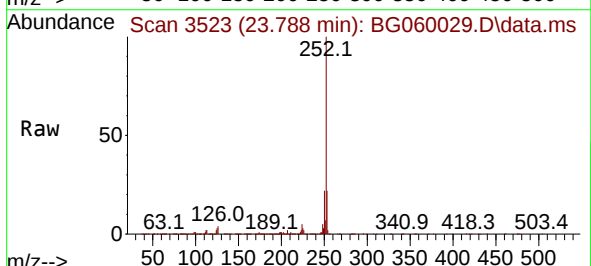
Tgt Ion:252 Resp: 2290115

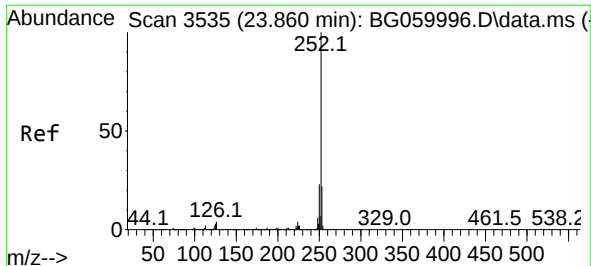
Ion Ratio Lower Upper

252 100

253 21.7 17.4 26.2

125 3.3 2.6 4.0

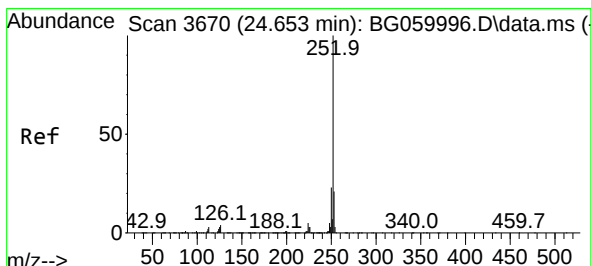
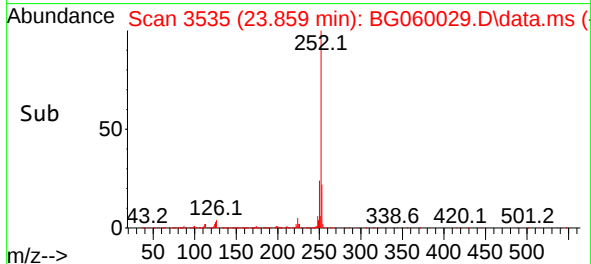
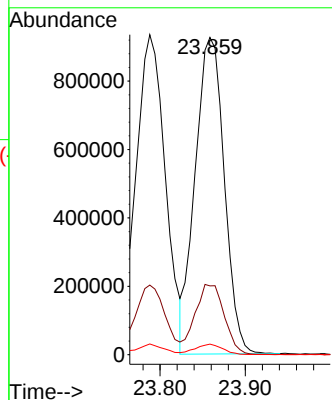
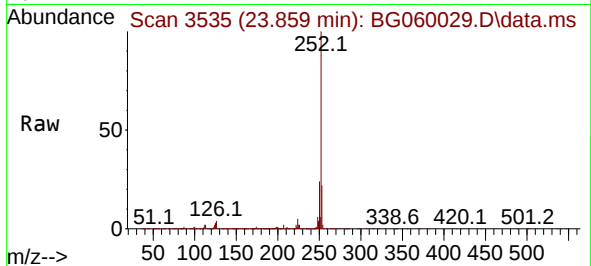




#89  
Benzo(k)fluoranthene  
Concen: 40.386 ng  
RT: 23.859 min Scan# 31  
Delta R.T. -0.001 min  
Lab File: BG060029.D  
Acq: 15 Dec 2023 10:25

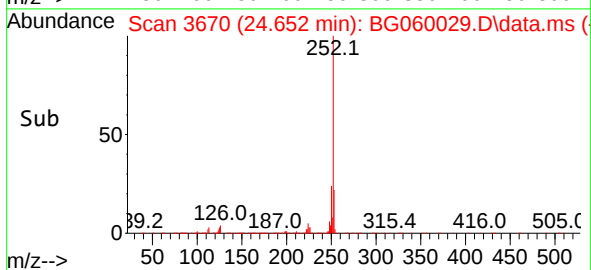
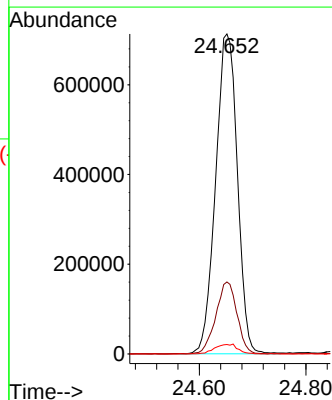
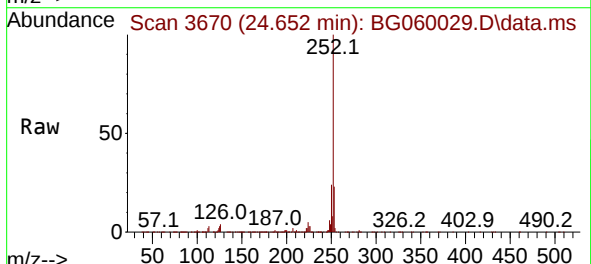
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

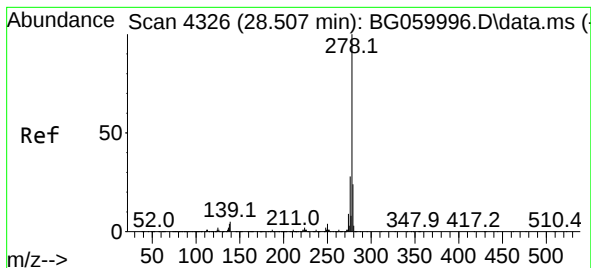
Tgt Ion:252 Resp: 2194617  
Ion Ratio Lower Upper  
252 100  
253 21.7 17.8 26.6  
125 3.4 2.5 3.7



#90  
Benzo(a)pyrene  
Concen: 40.677 ng  
RT: 24.652 min Scan# 3670  
Delta R.T. -0.001 min  
Lab File: BG060029.D  
Acq: 15 Dec 2023 10:25

Tgt Ion:252 Resp: 2019014  
Ion Ratio Lower Upper  
252 100  
253 22.5 17.1 25.7  
125 3.0 2.6 4.0





#91

Dibenzo(a,h)anthracene

Concen: 41.978 ng

RT: 28.512 min Scan# 41

Delta R.T. 0.005 min

Lab File: BG060029.D

Acq: 15 Dec 2023 10:25

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

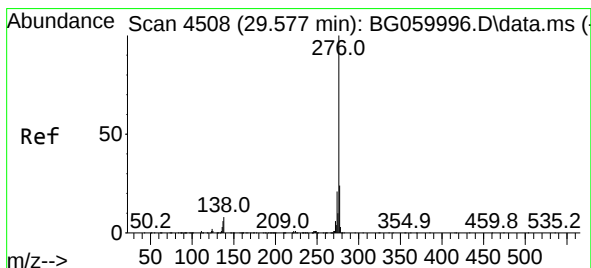
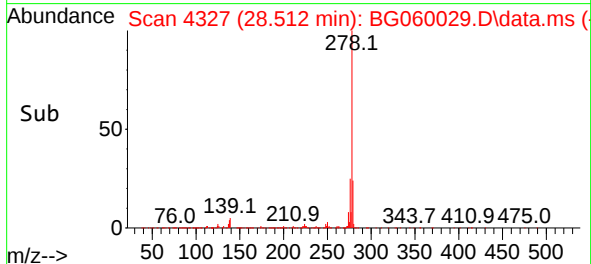
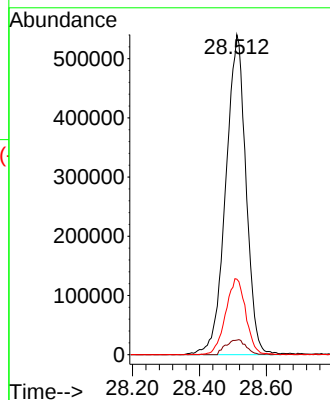
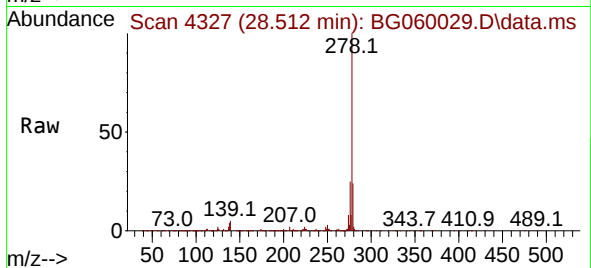
Tgt Ion:278 Resp: 2272473

Ion Ratio Lower Upper

278 100

139 4.5 4.4 6.6

279 23.6 19.4 29.2



#92

Benzo(g,h,i)perylene

Concen: 40.726 ng

RT: 29.581 min Scan# 4509

Delta R.T. 0.005 min

Lab File: BG060029.D

Acq: 15 Dec 2023 10:25

Tgt Ion:276 Resp: 2193008

Ion Ratio Lower Upper

276 100

277 23.0 19.4 29.2

138 7.3 6.0 9.0

