

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG090624\  
 Data File : BG062680.D  
 Acq On : 6 Sep 2024 14:12  
 Operator : MA/JU  
 Sample : PB163179BS  
 Misc : 8270-WATER  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB163179BS

Quant Time: Sep 06 15:09:14 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG083024.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Aug 31 02:36:01 2024  
 Response via : Initial Calibration

| Compound                  | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|---------------------------|--------|------|----------|--------|-------|----------|
| -----                     |        |      |          |        |       |          |
| Internal Standards        |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4 | 7.923  | 152  | 61544    | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.714 | 136  | 253548   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 14.550 | 164  | 207808   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 17.288 | 188  | 614848   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12          | 21.536 | 240  | 646272   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12          | 24.609 | 264  | 684352   | 20.000 | ng    | 0.00     |

|                             |        |     |         |         |    |      |
|-----------------------------|--------|-----|---------|---------|----|------|
| System Monitoring Compounds |        |     |         |         |    |      |
| 5) 2-Fluorophenol           | 5.502  | 112 | 533005  | 149.701 | ng | 0.00 |
| 7) Phenol-d6                | 7.089  | 99  | 684338  | 133.047 | ng | 0.00 |
| 23) Nitrobenzene-d5         | 9.074  | 82  | 433990  | 92.184  | ng | 0.00 |
| 42) 2,4,6-Tribromophenol    | 16.037 | 330 | 461562  | 157.825 | ng | 0.00 |
| 45) 2-Fluorobiphenyl        | 13.170 | 172 | 1084872 | 84.562  | ng | 0.00 |
| 79) Terphenyl-d14           | 19.909 | 244 | 2655623 | 81.478  | ng | 0.00 |

|                               |        |     |        |         |         |
|-------------------------------|--------|-----|--------|---------|---------|
| Target Compounds              |        |     |        |         | Qvalue  |
| 2) 1,4-Dioxane                | 3.405  | 88  | 50817  | 34.260  | ng 98   |
| 3) Pyridine                   | 3.798  | 79  | 127627 | 29.864  | ng 99   |
| 4) n-Nitrosodimethylamine     | 3.710  | 42  | 94844  | 45.649  | ng 92   |
| 6) Aniline                    | 7.247  | 93  | 129571 | 26.963  | ng 94   |
| 8) 2-Chlorophenol             | 7.488  | 128 | 184284 | 48.210  | ng 95   |
| 9) Benzaldehyde               | 7.059  | 77  | 367226 | 122.737 | ng 98   |
| 10) Phenol                    | 7.118  | 94  | 243936 | 46.847  | ng 97   |
| 11) bis(2-Chloroethyl)ether   | 7.341  | 93  | 163465 | 41.002  | ng 95   |
| 12) 1,3-Dichlorobenzene       | 7.811  | 146 | 177112 | 42.222  | ng 96   |
| 13) 1,4-Dichlorobenzene       | 7.958  | 146 | 183570 | 42.523  | ng 98   |
| 14) 1,2-Dichlorobenzene       | 8.275  | 146 | 176193 | 41.522  | ng 98   |
| 15) Benzyl Alcohol            | 8.158  | 79  | 174694 | 45.902  | ng 97   |
| 16) 2,2'-oxybis(1-Chloropr... | 8.440  | 45  | 298836 | 39.330  | ng 99   |
| 17) 2-Methylphenol            | 8.364  | 107 | 156520 | 43.122  | ng 98   |
| 18) Hexachloroethane          | 9.004  | 117 | 67659  | 41.799  | ng 94   |
| 19) n-Nitroso-di-n-propyla... | 8.722  | 70  | 144538 | 35.662  | ng 94   |
| 20) 3+4-Methylphenols         | 8.687  | 107 | 224658 | 41.954  | ng 96   |
| 22) Acetophenone              | 8.740  | 105 | 279283 | 40.831  | ng # 99 |
| 24) Nitrobenzene              | 9.116  | 77  | 218206 | 43.592  | ng 99   |
| 25) Isophorone                | 9.638  | 82  | 402178 | 38.917  | ng 98   |
| 26) 2-Nitrophenol             | 9.826  | 139 | 95142  | 50.303  | ng 97   |
| 27) 2,4-Dimethylphenol        | 9.891  | 122 | 137863 | 49.746  | ng 99   |
| 28) bis(2-Chloroethoxy)met... | 10.120 | 93  | 225832 | 40.821  | ng 99   |
| 29) 2,4-Dichlorophenol        | 10.361 | 162 | 187594 | 48.414  | ng 99   |
| 30) 1,2,4-Trichlorobenzene    | 10.579 | 180 | 198122 | 43.132  | ng 96   |
| 31) Naphthalene               | 10.767 | 128 | 525628 | 41.825  | ng 99   |
| 32) Benzoic acid              | 10.026 | 122 | 121225 | 40.671  | ng 95   |
| 33) 4-Chloroaniline           | 10.872 | 127 | 121101 | 24.486  | ng 94   |
| 34) Hexachlorobutadiene       | 11.054 | 225 | 136996 | 42.702  | ng 96   |
| 35) Caprolactam               | 11.636 | 113 | 40238  | 26.937  | ng 96   |
| 36) 4-Chloro-3-methylphenol   | 11.995 | 107 | 212488 | 45.463  | ng 100  |
| 37) 2-Methylnaphthalene       | 12.371 | 142 | 399429 | 40.978  | ng 99   |
| 38) 1-Methylnaphthalene       | 12.594 | 142 | 373065 | 38.116  | ng 100  |
| 40) 1,2,4,5-Tetrachloroben... | 12.741 | 216 | 273103 | 43.700  | ng 99   |
| 41) Hexachlorocyclopentadiene | 12.723 | 237 | 223622 | 125.414 | ng 98   |
| 43) 2,4,6-Trichlorophenol     | 12.982 | 196 | 193114 | 48.744  | ng 96   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG090624\  
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 Acq On : 6 Sep 2024 14:12  
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 Sample : PB163179BS  
 Misc : 8270-WATER  
 ALS Vial : 9 Sample Multiplier: 1

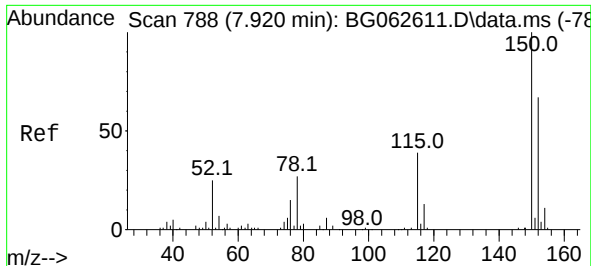
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB163179BS

Quant Time: Sep 06 15:09:14 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG083024.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Aug 31 02:36:01 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 13.052 | 196  | 217580   | 48.496  | ng    | 97       |
| 46) 1,1'-Biphenyl             | 13.381 | 154  | 579933   | 41.831  | ng    | 100      |
| 47) 2-Chloronaphthalene       | 13.422 | 162  | 473399   | 42.133  | ng    | 99       |
| 48) 2-Nitroaniline            | 13.622 | 65   | 157225   | 53.202  | ng    | 96       |
| 49) Acenaphthylene            | 14.268 | 152  | 780347   | 46.898  | ng    | 97       |
| 50) Dimethylphthalate         | 14.004 | 163  | 691256   | 45.491  | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 14.121 | 165  | 146345   | 50.917  | ng    | 91       |
| 52) Acenaphthene              | 14.609 | 154  | 438548   | 42.162  | ng    | 98       |
| 53) 3-Nitroaniline            | 14.450 | 138  | 111151   | 39.967  | ng    | 97       |
| 54) 2,4-Dinitrophenol         | 14.656 | 184  | 194393   | 120.519 | ng    | 98       |
| 55) Dibenzofuran              | 14.950 | 168  | 809878   | 45.401  | ng    | 97       |
| 56) 4-Nitrophenol             | 14.768 | 139  | 263291   | 111.710 | ng    | 97       |
| 57) 2,4-Dinitrotoluene        | 14.909 | 165  | 220741   | 56.289  | ng    | 96       |
| 58) Fluorene                  | 15.596 | 166  | 640027   | 45.718  | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.173 | 232  | 227554   | 53.539  | ng    | 95       |
| 60) Diethylphthalate          | 15.367 | 149  | 700278   | 46.497  | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 15.590 | 204  | 368851   | 45.895  | ng    | 95       |
| 62) 4-Nitroaniline            | 15.614 | 138  | 160212   | 52.246  | ng    | 98       |
| 63) Azobenzene                | 15.884 | 77   | 641372   | 45.352  | ng    | 99       |
| 65) 4,6-Dinitro-2-methylph... | 15.673 | 198  | 140187   | 51.091  | ng    | 96       |
| 66) n-Nitrosodiphenylamine    | 15.802 | 169  | 610267   | 41.283  | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 16.483 | 248  | 268813   | 42.362  | ng    | 94       |
| 68) Hexachlorobenzene         | 16.601 | 284  | 318432   | 42.373  | ng    | 97       |
| 69) Atrazine                  | 16.754 | 200  | 232026   | 46.212  | ng    | 97       |
| 70) Pentachlorophenol         | 16.942 | 266  | 422638   | 87.806  | ng    | 99       |
| 71) Phenanthrene              | 17.335 | 178  | 1252897  | 43.657  | ng    | 100      |
| 72) Anthracene                | 17.423 | 178  | 1255350  | 44.489  | ng    | 98       |
| 73) Carbazole                 | 17.694 | 167  | 1125888  | 43.404  | ng    | 99       |
| 74) Di-n-butylphthalate       | 18.258 | 149  | 1298531  | 44.389  | ng    | 100      |
| 75) Fluoranthene              | 19.345 | 202  | 1600040  | 44.083  | ng    | 99       |
| 77) Benzidine                 | 19.527 | 184  | 138063   | 11.853  | ng    | 99       |
| 78) Pyrene                    | 19.709 | 202  | 1658682  | 40.376  | ng    | 99       |
| 80) Butylbenzylphthalate      | 20.602 | 149  | 542973   | 44.998  | ng    | 98       |
| 81) Benzo(a)anthracene        | 21.519 | 228  | 1784919  | 43.789  | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine    | 21.436 | 252  | 486602   | 36.645  | ng    | 99       |
| 83) Chrysene                  | 21.583 | 228  | 1699077  | 43.517  | ng    | 100      |
| 84) Bis(2-ethylhexyl)phtha... | 21.436 | 149  | 799940   | 43.637  | ng    | 97       |
| 85) Di-n-octyl phthalate      | 22.600 | 149  | 1392692  | 43.390  | ng    | 100      |
| 87) Indeno(1,2,3-cd)pyrene    | 28.087 | 276  | 2171046  | 49.475  | ng    | 97       |
| 88) Benzo(b)fluoranthene      | 23.640 | 252  | 1802839  | 47.695  | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 23.704 | 252  | 1769154  | 47.847  | ng    | 99       |
| 90) Benzo(a)pyrene            | 24.468 | 252  | 1642835  | 49.196  | ng    | 98       |
| 91) Dibenzo(a,h)anthracene    | 28.146 | 278  | 1804231  | 49.911  | ng    | 97       |
| 92) Benzo(g,h,i)perylene      | 29.169 | 276  | 1695534  | 46.515  | ng    | 98       |

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

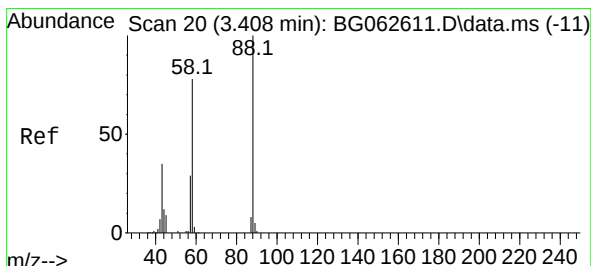
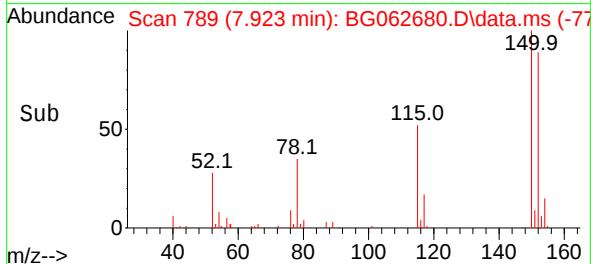
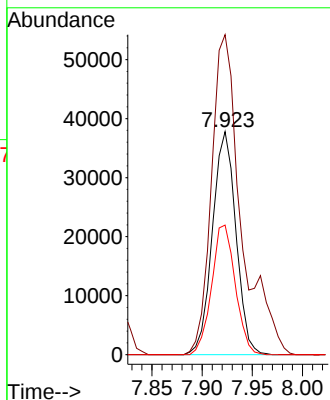
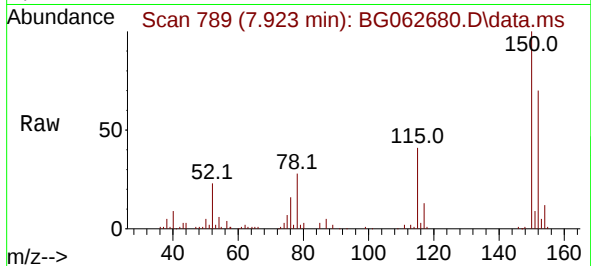




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.923 min Scan# 70  
Delta R.T. 0.003 min  
Lab File: BG062680.D  
Acq: 6 Sep 2024 14:12

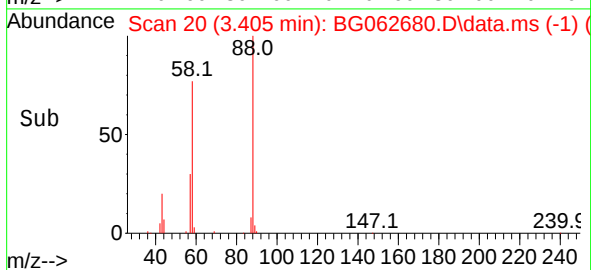
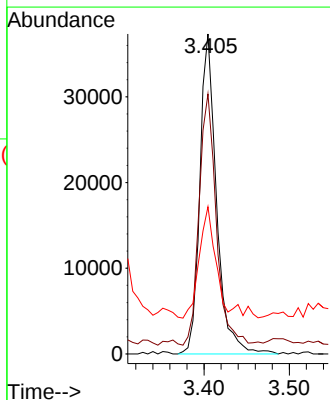
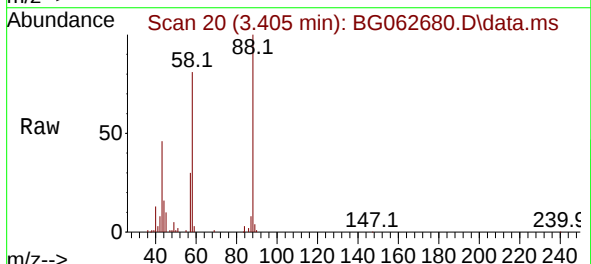
Instrument :  
BNA\_G  
ClientSampleId :  
PB163179BS

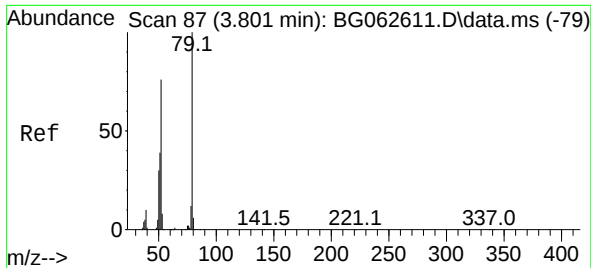
Tgt Ion:152 Resp: 61544  
Ion Ratio Lower Upper  
152 100  
150 143.4 119.9 179.9  
115 58.1 46.6 69.8



#2  
1,4-Dioxane  
Concen: 34.260 ng  
RT: 3.405 min Scan# 20  
Delta R.T. -0.003 min  
Lab File: BG062680.D  
Acq: 6 Sep 2024 14:12

Tgt Ion: 88 Resp: 50817  
Ion Ratio Lower Upper  
88 100  
58 80.8 62.3 93.5  
43 34.3 27.5 41.3





#3

Pyridine

Concen: 29.864 ng

RT: 3.798 min Scan# 81

Delta R.T. -0.003 min

Lab File: BG062680.D

Acq: 6 Sep 2024 14:12

Instrument :

BNA\_G

ClientSampleId :

PB163179BS

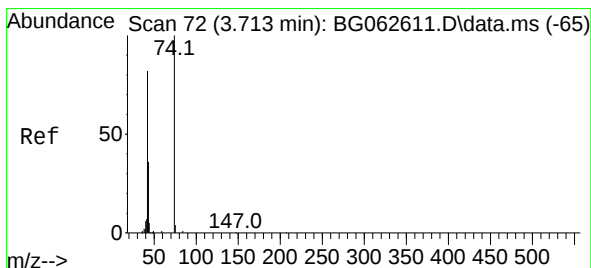
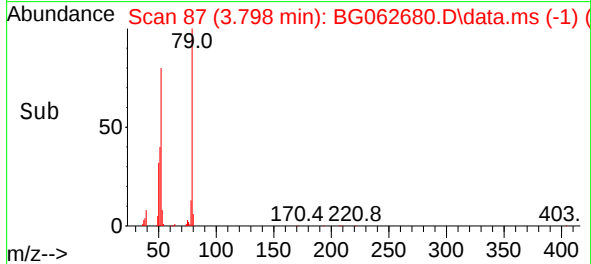
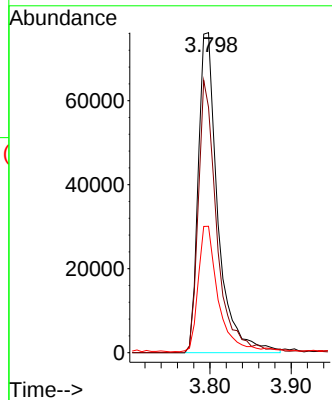
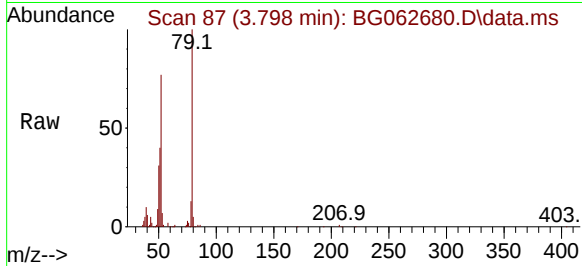
Tgt Ion: 79 Resp: 127627

Ion Ratio Lower Upper

79 100

52 76.7 60.9 91.3

51 39.5 31.5 47.3



#4

n-Nitrosodimethylamine

Concen: 45.649 ng

RT: 3.710 min Scan# 72

Delta R.T. -0.003 min

Lab File: BG062680.D

Acq: 6 Sep 2024 14:12

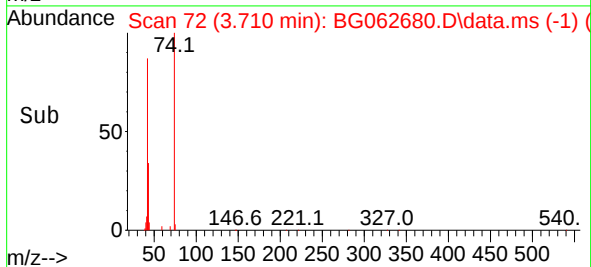
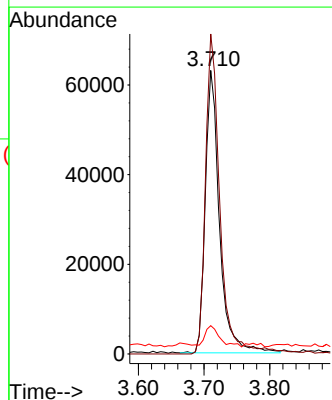
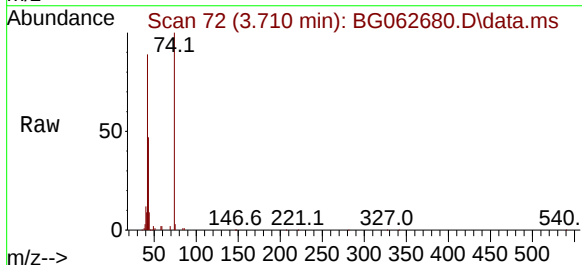
Tgt Ion: 42 Resp: 94844

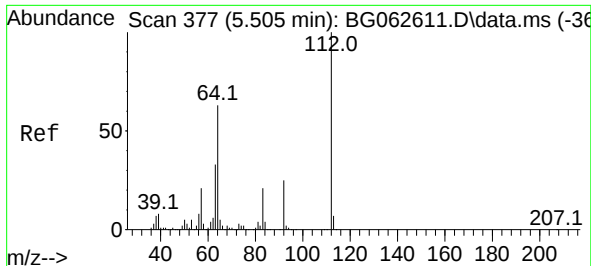
Ion Ratio Lower Upper

42 100

74 112.9 98.0 147.0

44 10.0 7.4 11.2

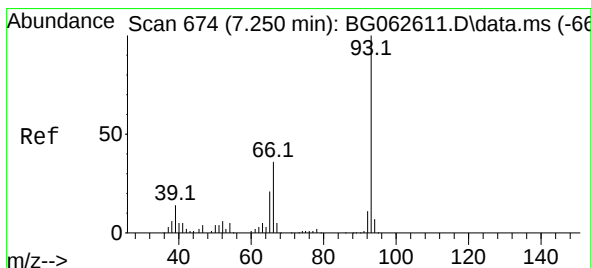
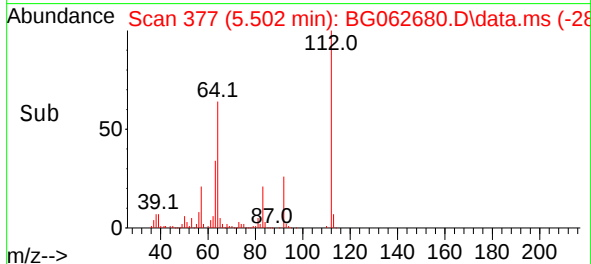
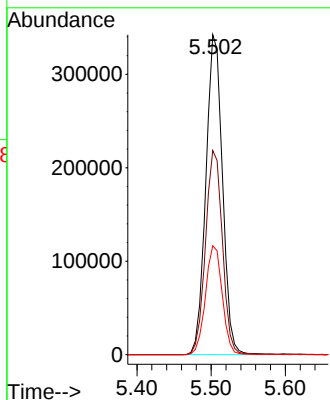
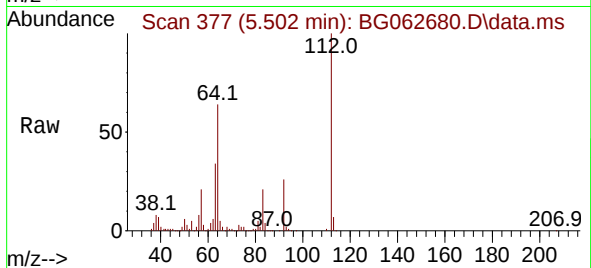




#5  
2-Fluorophenol  
Concen: 149.701 ng  
RT: 5.502 min Scan# 311  
Delta R.T. -0.003 min  
Lab File: BG062680.D  
Acq: 6 Sep 2024 14:12

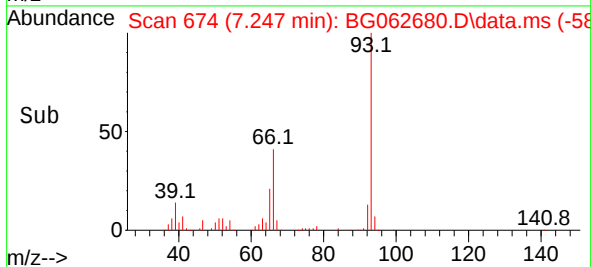
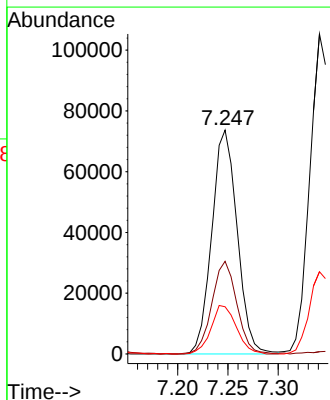
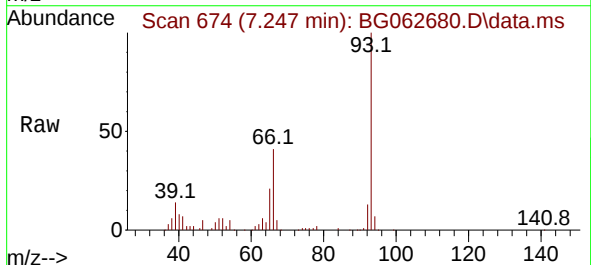
Instrument :  
BNA\_G  
ClientSampleId :  
PB163179BS

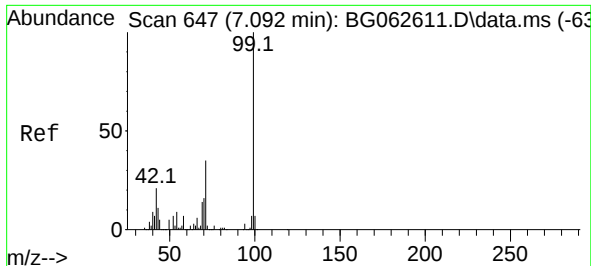
Tgt Ion:112 Resp: 533005  
Ion Ratio Lower Upper  
112 100  
64 63.8 50.2 75.2  
63 34.1 26.6 39.8



#6  
Aniline  
Concen: 26.963 ng  
RT: 7.247 min Scan# 674  
Delta R.T. -0.003 min  
Lab File: BG062680.D  
Acq: 6 Sep 2024 14:12

Tgt Ion: 93 Resp: 129571  
Ion Ratio Lower Upper  
93 100  
66 41.4 29.1 43.7  
65 21.1 16.6 25.0

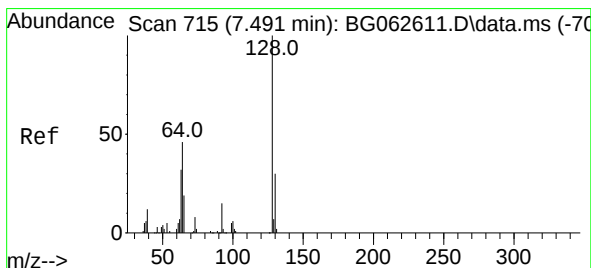
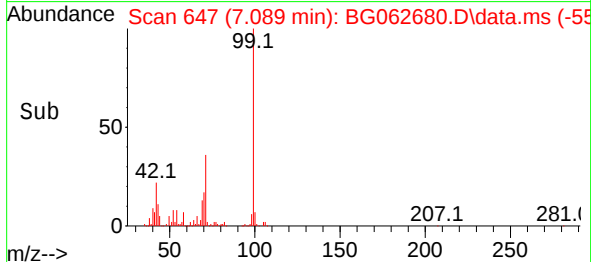
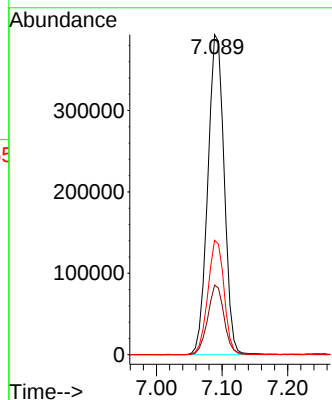
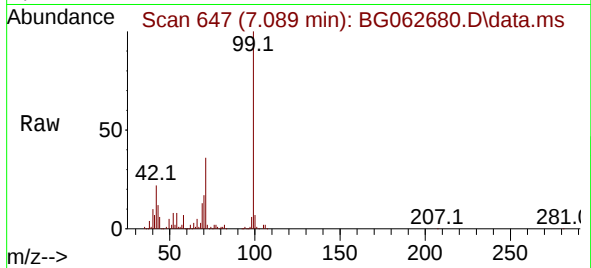




#7  
Phenol-d6  
Concen: 133.047 ng  
RT: 7.089 min Scan# 647  
Delta R.T. -0.003 min  
Lab File: BG062680.D  
Acq: 6 Sep 2024 14:12

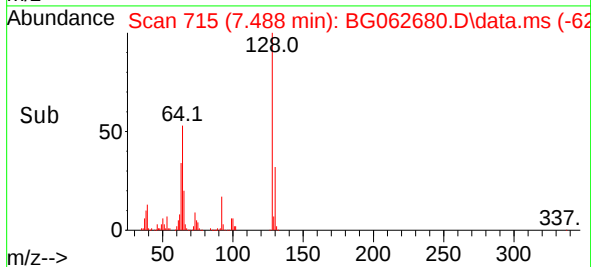
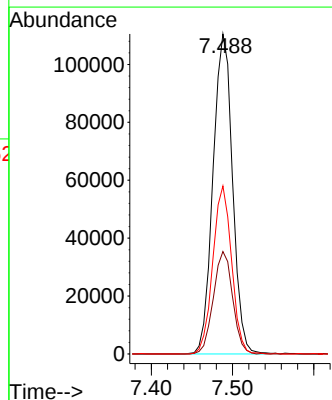
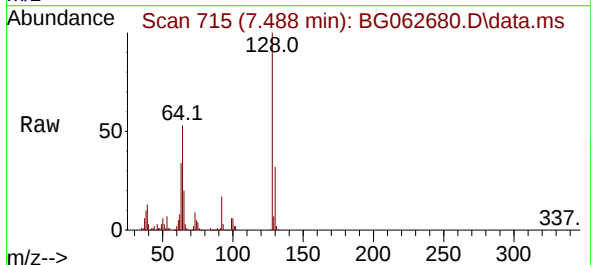
Instrument :  
BNA\_G  
ClientSampleId :  
PB163179BS

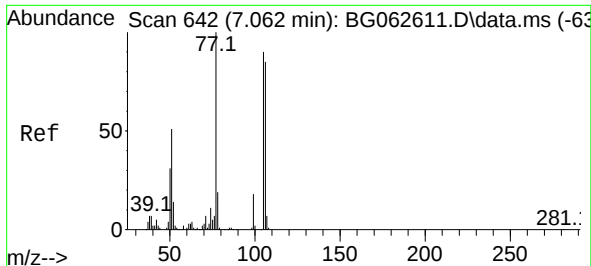
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Ion Ratio Lower Upper  
99 100  
42 21.7 16.9 25.3  
71 35.7 27.9 41.9



#8  
2-Chlorophenol  
Concen: 48.210 ng  
RT: 7.488 min Scan# 715  
Delta R.T. -0.003 min  
Lab File: BG062680.D  
Acq: 6 Sep 2024 14:12

Tgt Ion:128 Resp: 184284  
Ion Ratio Lower Upper  
128 100  
130 32.0 10.0 50.0  
64 52.5 28.8 68.8

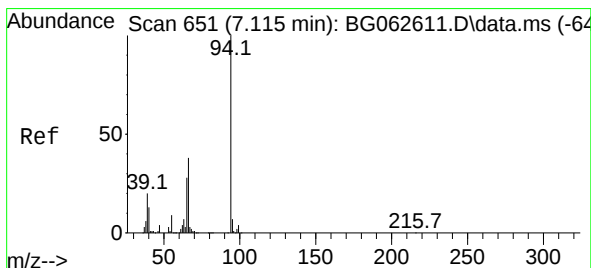
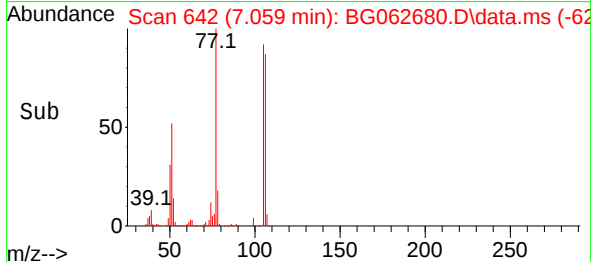
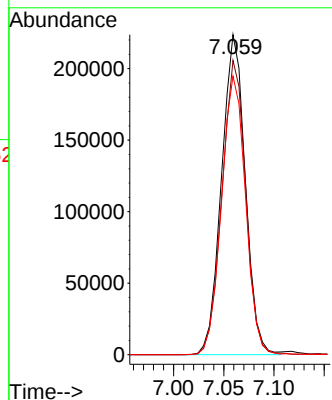
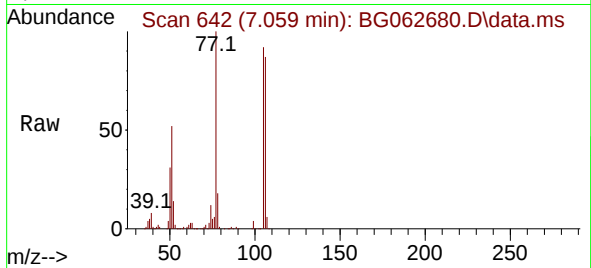




#9  
Benzaldehyde  
Concen: 122.737 ng  
RT: 7.059 min Scan# 642  
Delta R.T. -0.003 min  
Lab File: BG062680.D  
Acq: 6 Sep 2024 14:12

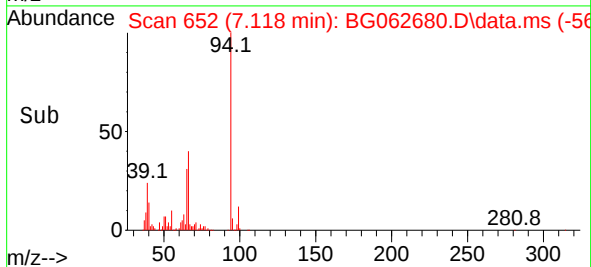
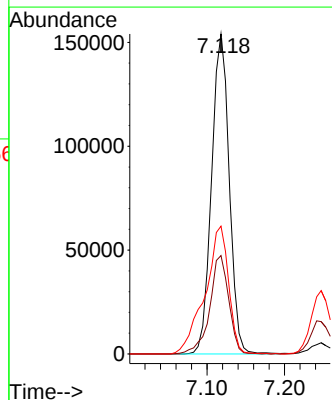
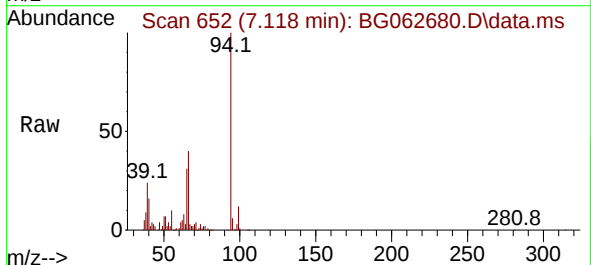
Instrument :  
BNA\_G  
ClientSampleId :  
PB163179BS

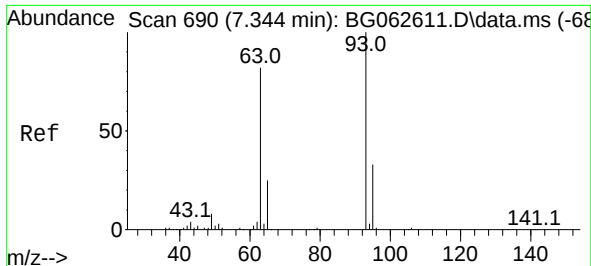
Tgt Ion: 77 Resp: 367226  
Ion Ratio Lower Upper  
77 100  
105 92.0 70.2 110.2  
106 87.0 65.4 105.4



#10  
Phenol  
Concen: 46.847 ng  
RT: 7.118 min Scan# 652  
Delta R.T. 0.003 min  
Lab File: BG062680.D  
Acq: 6 Sep 2024 14:12

Tgt Ion: 94 Resp: 243936  
Ion Ratio Lower Upper  
94 100  
65 30.8 8.6 48.6  
66 40.0 18.2 58.2

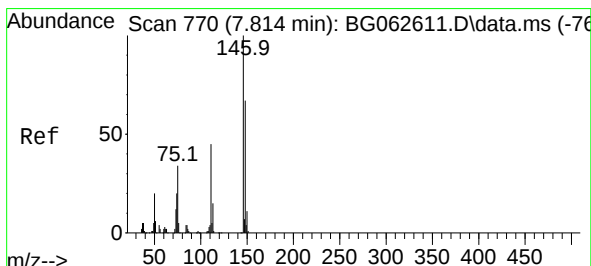
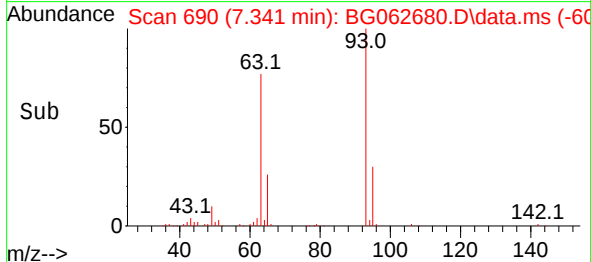
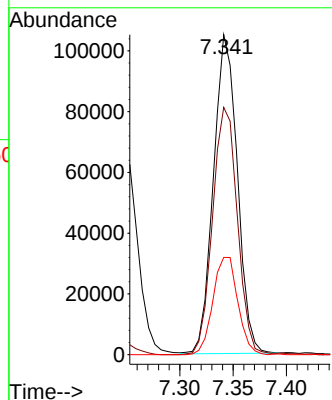
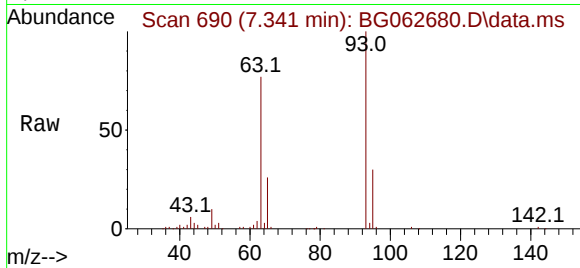




#11  
bis(2-Chloroethyl)ether  
Concen: 41.002 ng  
RT: 7.341 min Scan# 690  
Delta R.T. -0.003 min  
Lab File: BG062680.D  
Acq: 6 Sep 2024 14:12

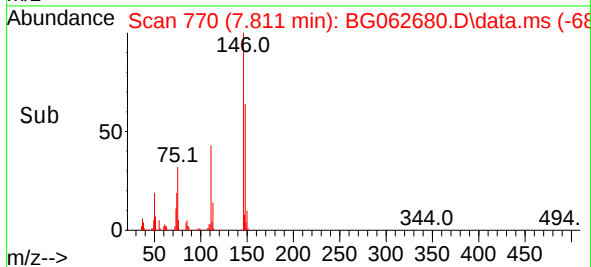
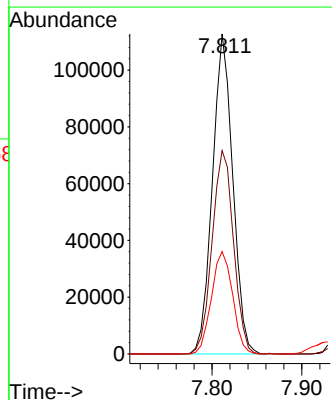
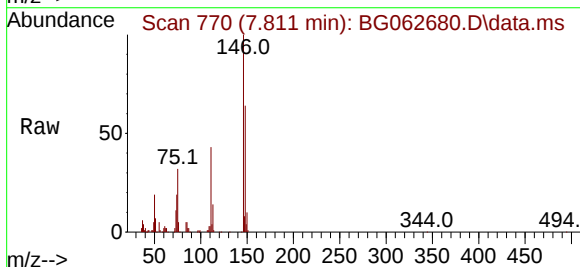
Instrument :  
BNA\_G  
ClientSampleId :  
PB163179BS

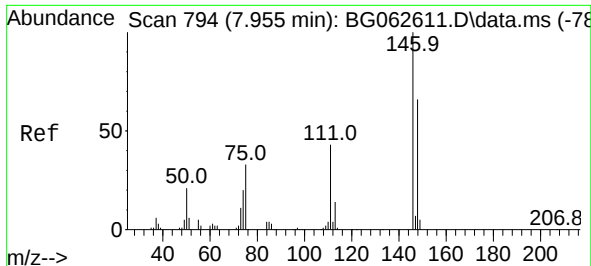
Tgt Ion: 93 Resp: 163465  
Ion Ratio Lower Upper  
93 100  
63 77.3 61.9 101.9  
95 30.4 12.9 52.9



#12  
1,3-Dichlorobenzene  
Concen: 42.222 ng  
RT: 7.811 min Scan# 770  
Delta R.T. -0.003 min  
Lab File: BG062680.D  
Acq: 6 Sep 2024 14:12

Tgt Ion:146 Resp: 177112  
Ion Ratio Lower Upper  
146 100  
148 63.6 53.9 80.9  
75 32.0 27.0 40.4





#13

1,4-Dichlorobenzene

Concen: 42.523 ng

RT: 7.958 min Scan# 794

Delta R.T. 0.003 min

Lab File: BG062680.D

Acq: 6 Sep 2024 14:12

Instrument :

BNA\_G

ClientSampleId :

PB163179BS

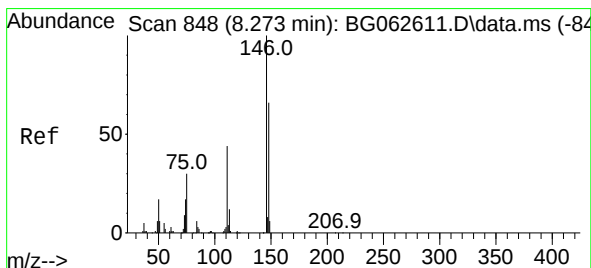
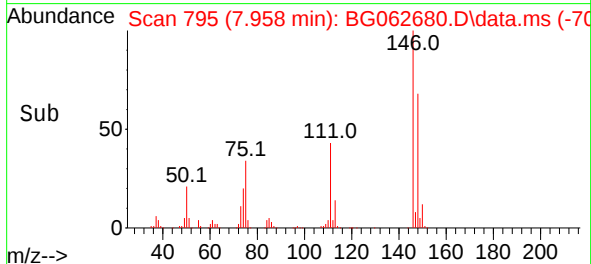
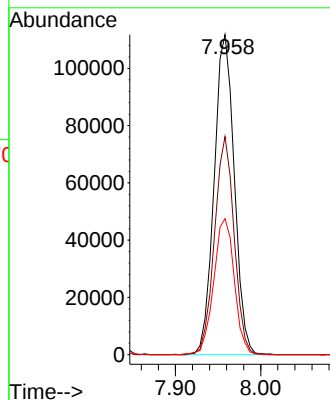
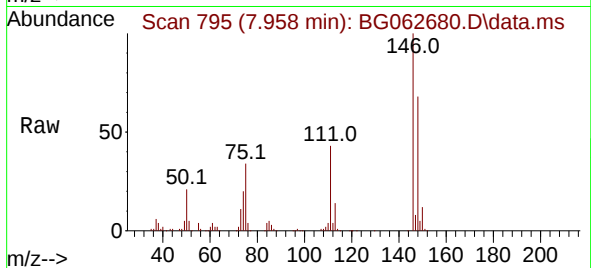
Tgt Ion:146 Resp: 183570

Ion Ratio Lower Upper

146 100

148 68.1 53.0 79.6

111 42.5 34.9 52.3



#14

1,2-Dichlorobenzene

Concen: 41.522 ng

RT: 8.275 min Scan# 849

Delta R.T. 0.003 min

Lab File: BG062680.D

Acq: 6 Sep 2024 14:12

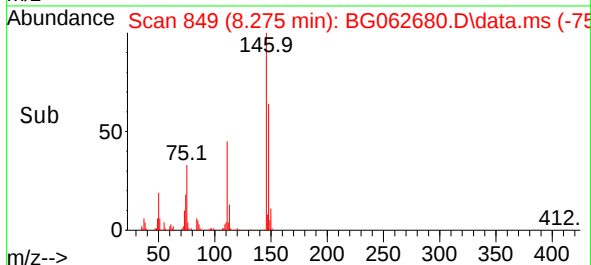
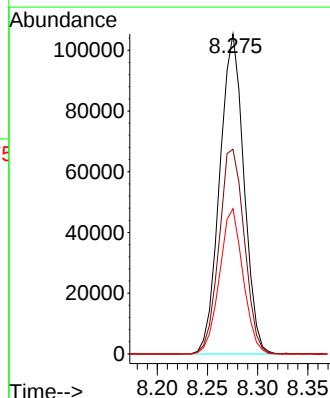
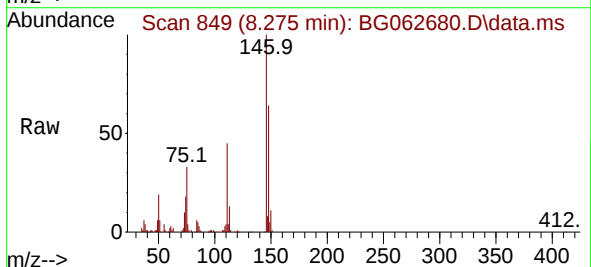
Tgt Ion:146 Resp: 176193

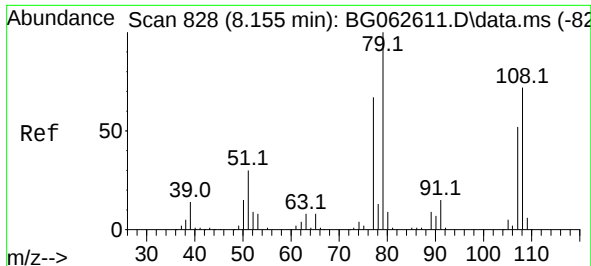
Ion Ratio Lower Upper

146 100

148 64.0 52.5 78.7

111 45.4 35.5 53.3





#15

Benzyl Alcohol

Concen: 45.902 ng

RT: 8.158 min Scan# 81

Delta R.T. 0.003 min

Lab File: BG062680.D

Acq: 6 Sep 2024 14:12

Instrument :

BNA\_G

ClientSampleId :

PB163179BS

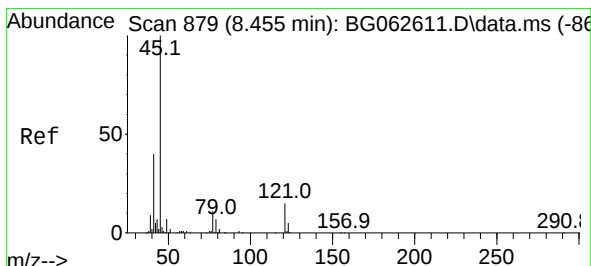
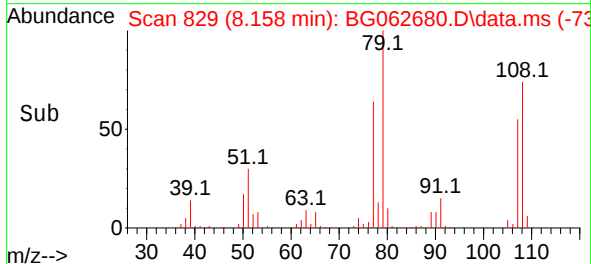
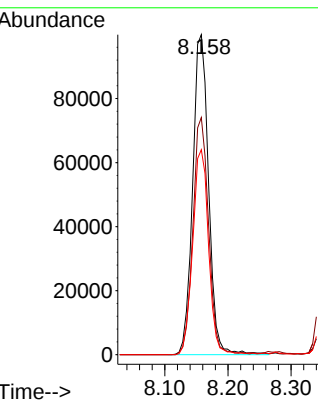
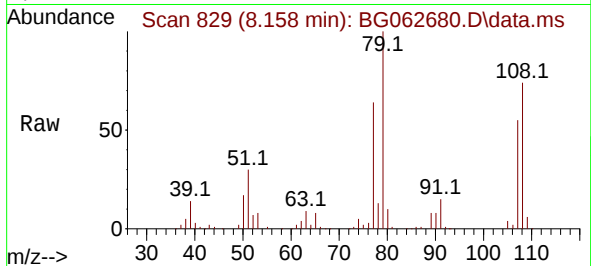
Tgt Ion: 79 Resp: 174694

Ion Ratio Lower Upper

79 100

108 74.1 57.9 86.9

77 64.1 53.4 80.2



#16

2,2'-oxybis(1-chloropropane)

Concen: 39.330 ng

RT: 8.440 min Scan# 877

Delta R.T. -0.015 min

Lab File: BG062680.D

Acq: 6 Sep 2024 14:12

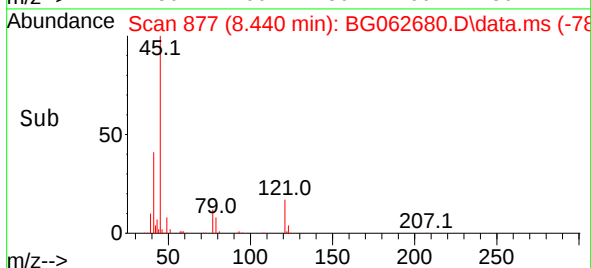
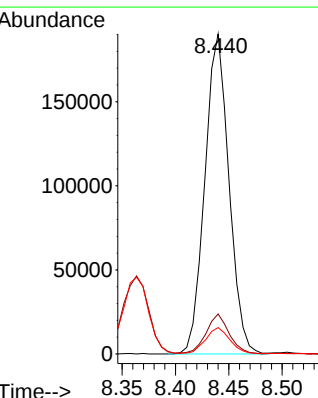
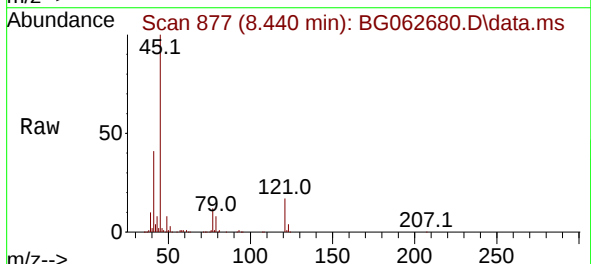
Tgt Ion: 45 Resp: 298836

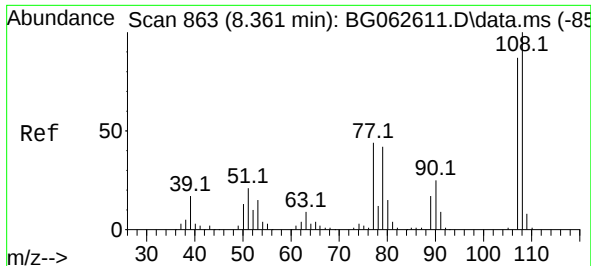
Ion Ratio Lower Upper

45 100

77 12.5 0.0 31.7

79 8.2 0.0 28.3

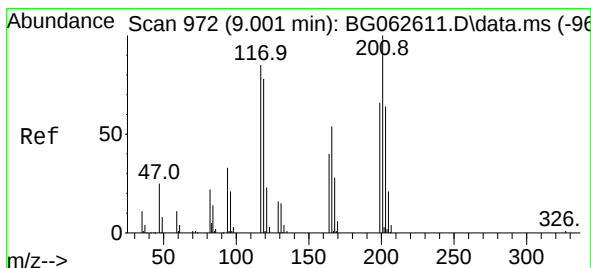
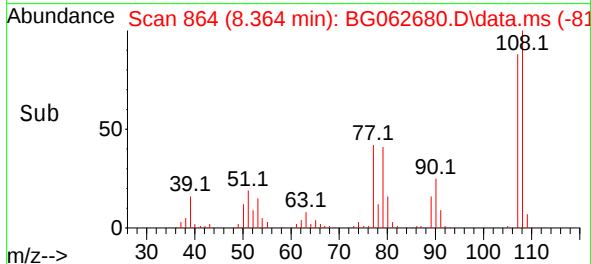
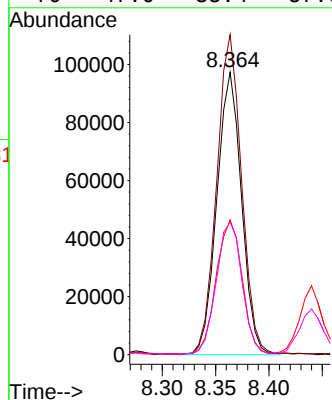
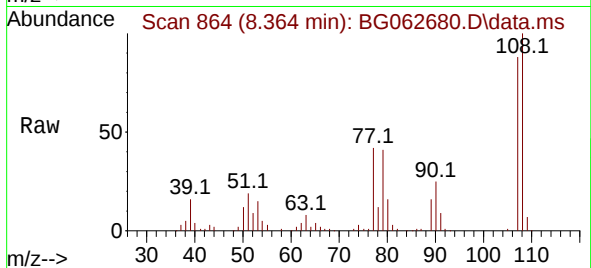




#17  
2-Methylphenol  
Concen: 43.122 ng  
RT: 8.364 min Scan# 863  
Delta R.T. 0.003 min  
Lab File: BG062680.D  
Acq: 6 Sep 2024 14:12

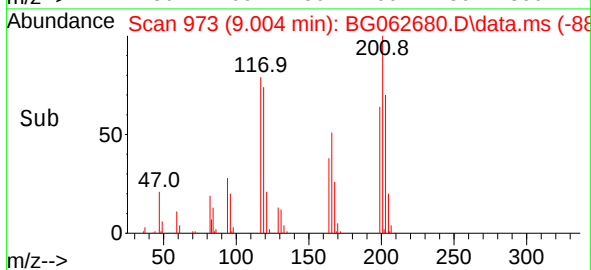
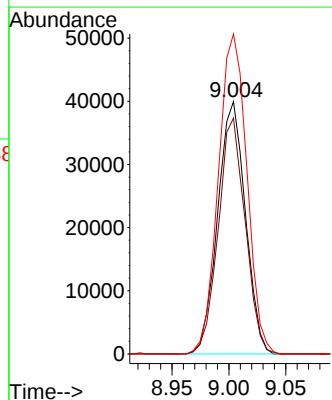
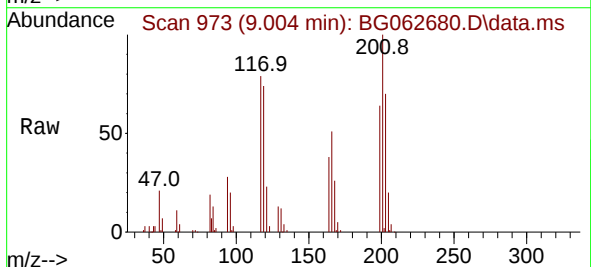
Instrument :  
BNA\_G  
ClientSampleId :  
PB163179BS

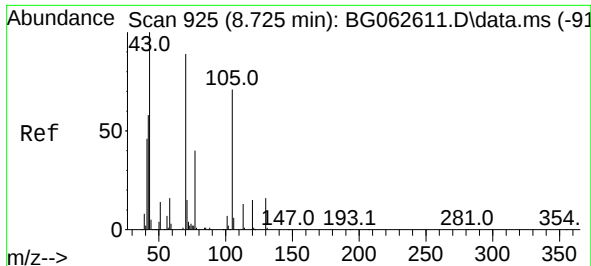
Tgt Ion:107 Resp: 156520  
Ion Ratio Lower Upper  
107 100  
108 113.3 91.5 137.3  
77 47.7 40.0 60.0  
79 47.0 38.4 57.6



#18  
Hexachloroethane  
Concen: 41.799 ng  
RT: 9.004 min Scan# 973  
Delta R.T. 0.003 min  
Lab File: BG062680.D  
Acq: 6 Sep 2024 14:12

Tgt Ion:117 Resp: 67659  
Ion Ratio Lower Upper  
117 100  
119 93.4 73.4 110.0  
201 126.7 93.9 140.9



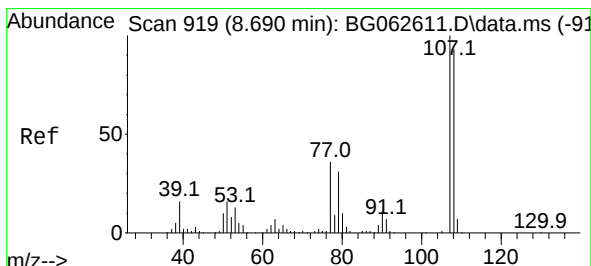
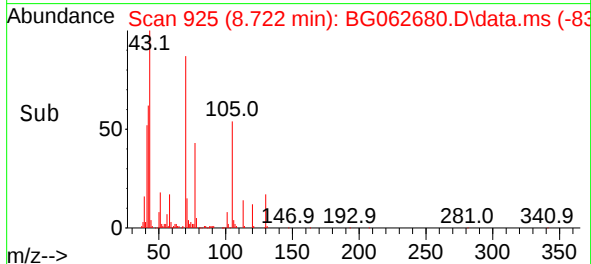
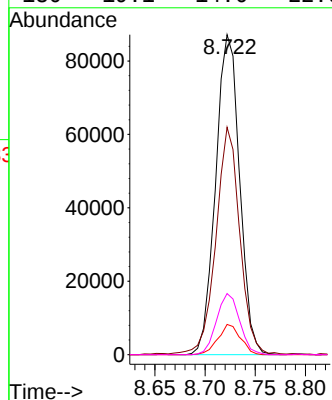
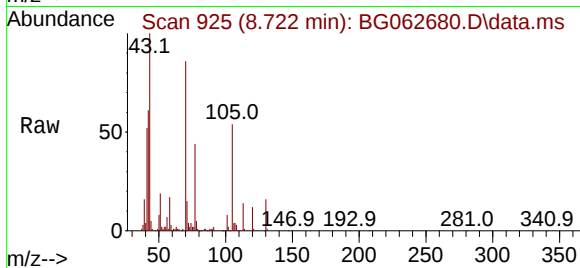


#19  
n-Nitroso-di-n-propylamine  
Concen: 35.662 ng  
RT: 8.722 min Scan# 919  
Delta R.T. -0.003 min  
Lab File: BG062680.D  
Acq: 6 Sep 2024 14:12

Instrument :  
BNA\_G  
ClientSampleId :  
PB163179BS

Tgt Ion: 70 Resp: 144538

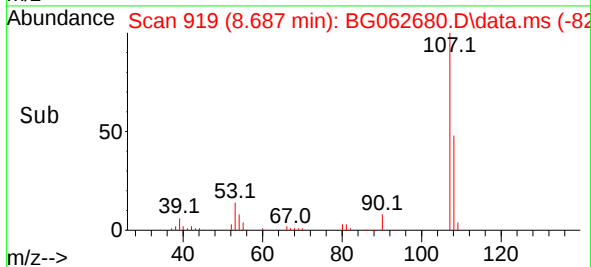
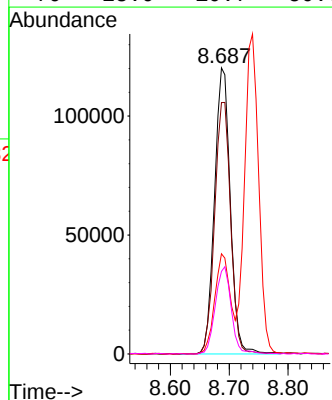
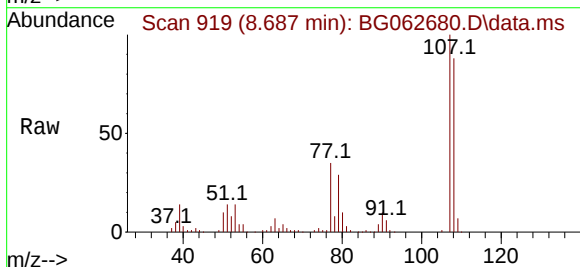
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 70  | 100   |       |       |
| 42  | 71.1  | 52.3  | 78.5  |
| 101 | 9.5   | 6.6   | 9.8   |
| 130 | 19.1  | 14.6  | 22.0  |

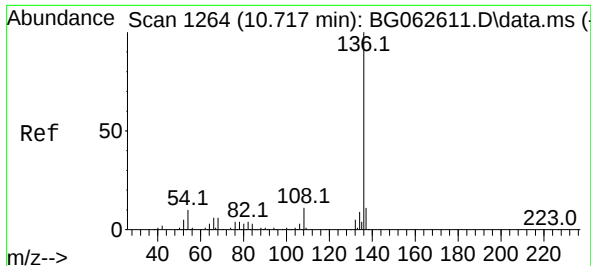


#20  
3+4-Methylphenols  
Concen: 41.954 ng  
RT: 8.687 min Scan# 919  
Delta R.T. -0.003 min  
Lab File: BG062680.D  
Acq: 6 Sep 2024 14:12

Tgt Ion: 107 Resp: 224658

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 107 | 100   |       |       |
| 108 | 87.8  | 72.7  | 112.7 |
| 77  | 35.0  | 16.5  | 56.5  |
| 79  | 28.9  | 10.7  | 50.7  |

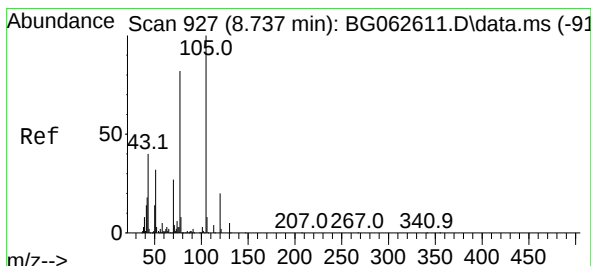
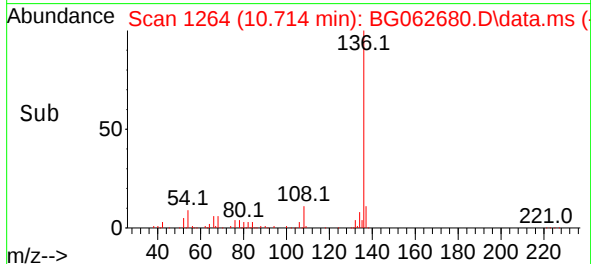
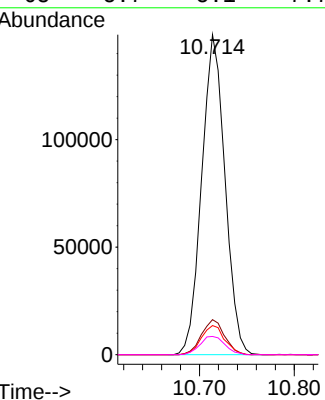
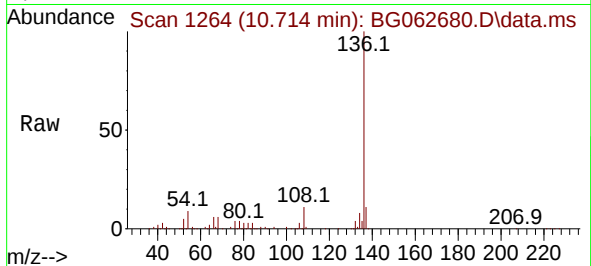




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.714 min Scan# 1264  
Delta R.T. -0.003 min  
Lab File: BG062680.D  
Acq: 6 Sep 2024 14:12

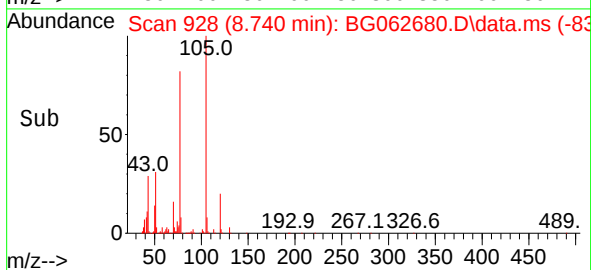
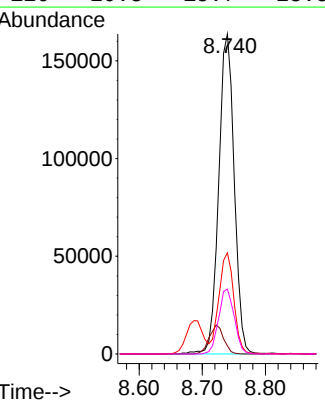
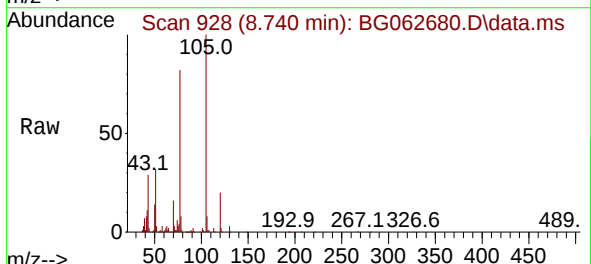
Instrument :  
BNA\_G  
ClientSampleId :  
PB163179BS

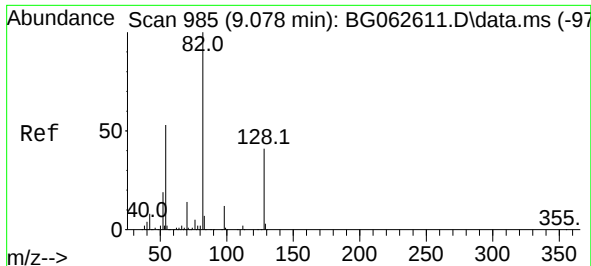
Tgt Ion:136 Resp: 253548  
Ion Ratio Lower Upper  
136 100  
137 11.0 9.0 13.4  
54 9.1 7.8 11.6  
68 5.7 5.1 7.7



#22  
Acetophenone  
Concen: 40.831 ng  
RT: 8.740 min Scan# 928  
Delta R.T. 0.003 min  
Lab File: BG062680.D  
Acq: 6 Sep 2024 14:12

Tgt Ion:105 Resp: 279283  
Ion Ratio Lower Upper  
105 100  
71 2.5 3.5 5.3#  
51 31.6 25.7 38.5  
120 20.3 15.7 23.5





#23

Nitrobenzene-d5

Concen: 92.184 ng

RT: 9.074 min Scan# 90

Delta R.T. -0.003 min

Lab File: BG062680.D

Acq: 6 Sep 2024 14:12

Instrument :

BNA\_G

ClientSampleId :

PB163179BS

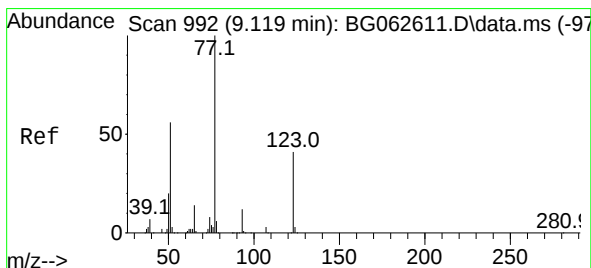
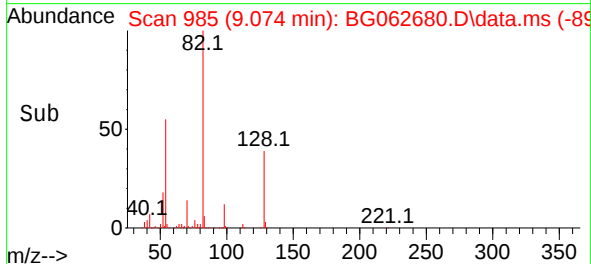
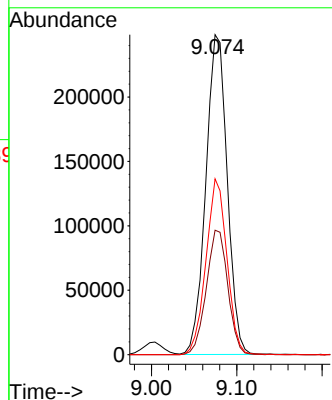
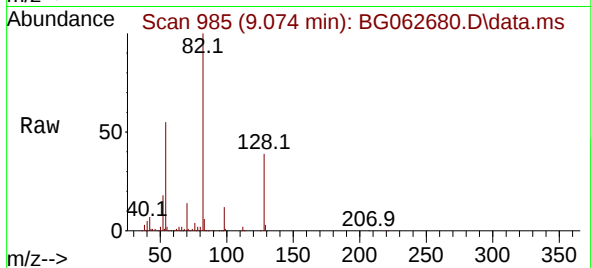
Tgt Ion: 82 Resp: 433990

Ion Ratio Lower Upper

82 100

128 38.9 32.5 48.7

54 55.0 42.5 63.7



#24

Nitrobenzene

Concen: 43.592 ng

RT: 9.116 min Scan# 992

Delta R.T. -0.003 min

Lab File: BG062680.D

Acq: 6 Sep 2024 14:12

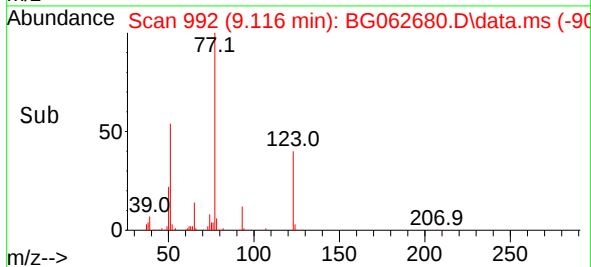
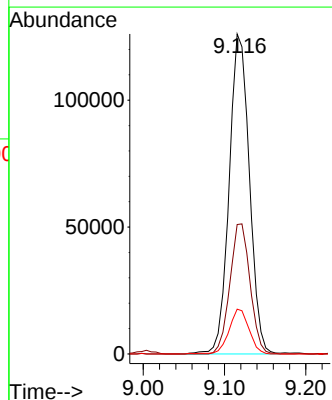
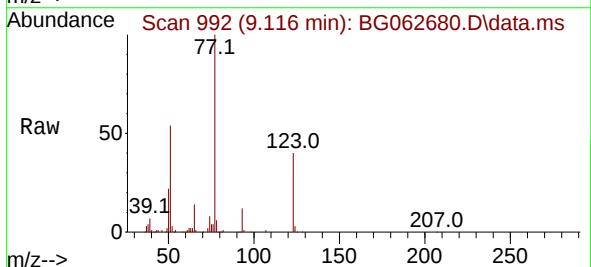
Tgt Ion: 77 Resp: 218206

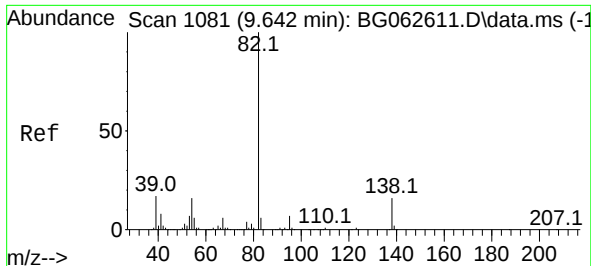
Ion Ratio Lower Upper

77 100

123 40.4 33.1 49.7

65 14.0 11.0 16.4





#25

Isophorone

Concen: 38.917 ng

RT: 9.638 min Scan# 1

Delta R.T. -0.003 min

Lab File: BG062680.D

Acq: 6 Sep 2024 14:12

Instrument :

BNA\_G

ClientSampleId :

PB163179BS

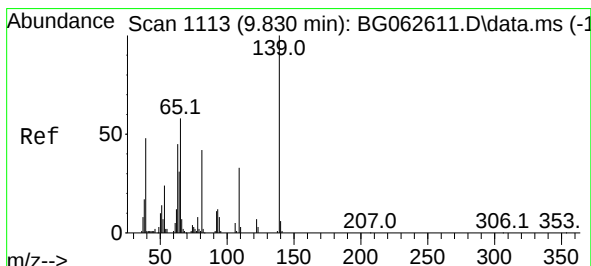
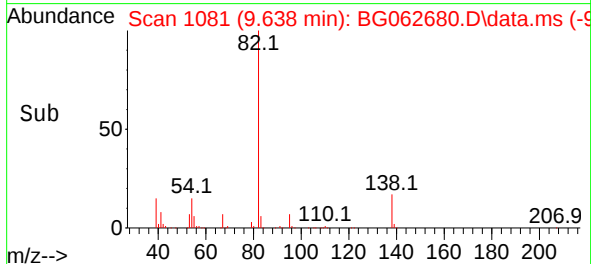
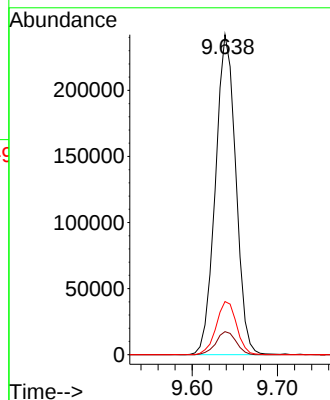
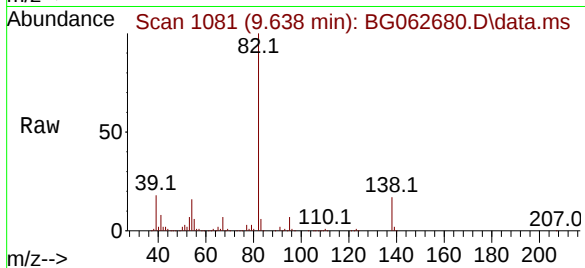
Tgt Ion: 82 Resp: 402178

Ion Ratio Lower Upper

82 100

95 7.2 5.4 8.0

138 16.6 12.6 18.8



#26

2-Nitrophenol

Concen: 50.303 ng

RT: 9.826 min Scan# 1113

Delta R.T. -0.003 min

Lab File: BG062680.D

Acq: 6 Sep 2024 14:12

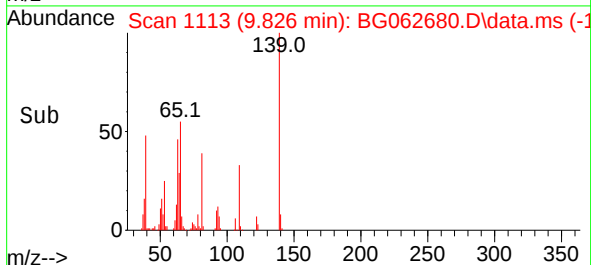
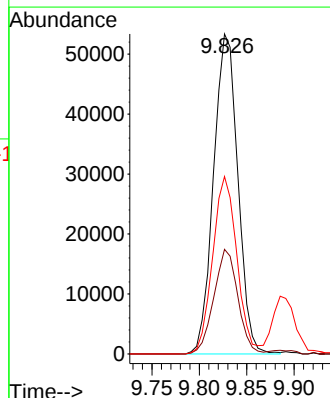
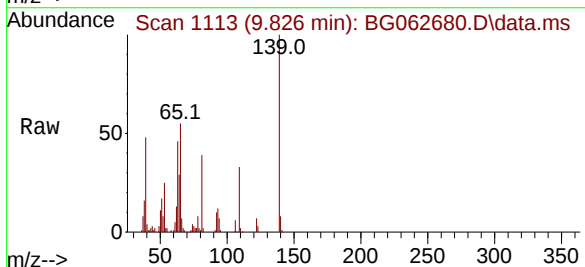
Tgt Ion:139 Resp: 95142

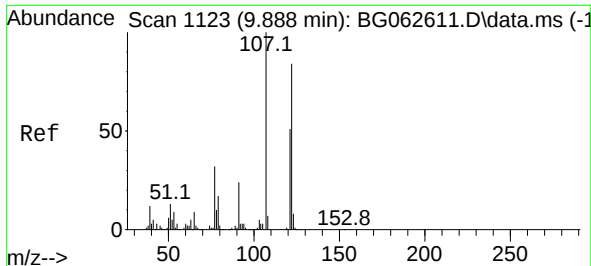
Ion Ratio Lower Upper

139 100

109 32.7 26.6 39.8

65 55.5 46.5 69.7

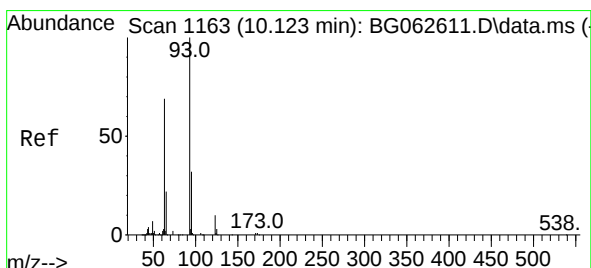
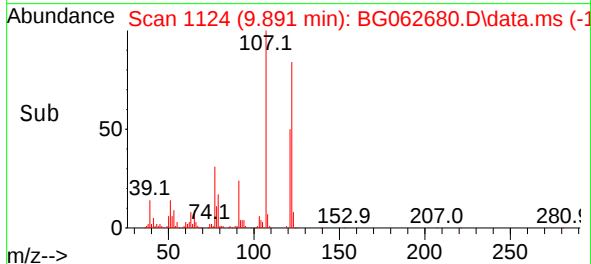
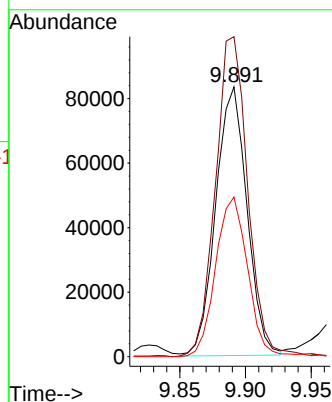
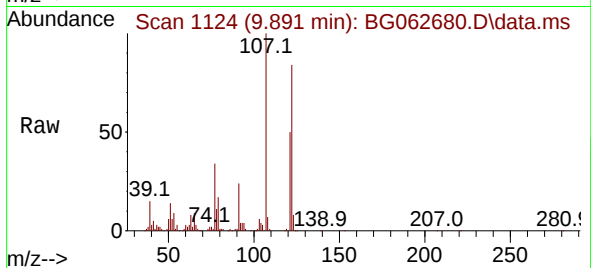




#27  
2,4-Dimethylphenol  
Concen: 49.746 ng  
RT: 9.891 min Scan# 1124  
Delta R.T. 0.003 min  
Lab File: BG062680.D  
Acq: 6 Sep 2024 14:12

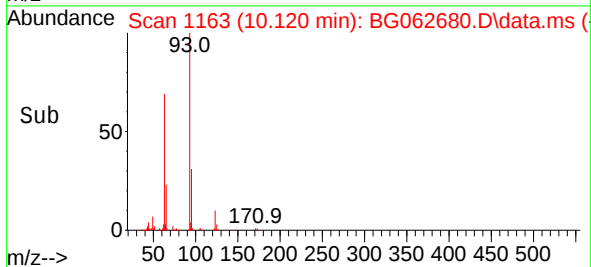
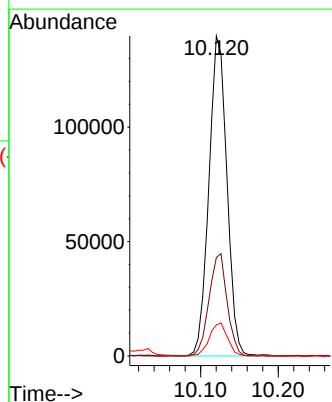
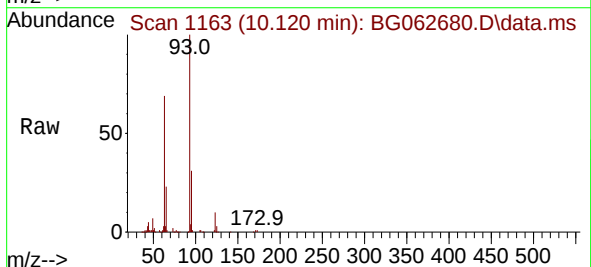
Instrument :  
BNA\_G  
ClientSampleId :  
PB163179BS

Tgt Ion:122 Resp: 137863  
Ion Ratio Lower Upper  
122 100  
107 118.6 95.8 143.6  
121 59.2 48.6 72.8



#28  
bis(2-Chloroethoxy)methane  
Concen: 40.821 ng  
RT: 10.120 min Scan# 1163  
Delta R.T. -0.003 min  
Lab File: BG062680.D  
Acq: 6 Sep 2024 14:12

Tgt Ion: 93 Resp: 225832  
Ion Ratio Lower Upper  
93 100  
95 30.8 25.4 38.0  
123 9.7 7.9 11.9





#29

2,4-Dichlorophenol

Concen: 48.414 ng

RT: 10.361 min Scan# 1204

Delta R.T. -0.003 min

Lab File: BG062680.D

Acq: 6 Sep 2024 14:12

Instrument :

BNA\_G

ClientSampleId :

PB163179BS

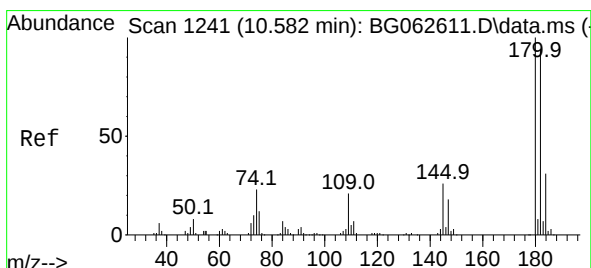
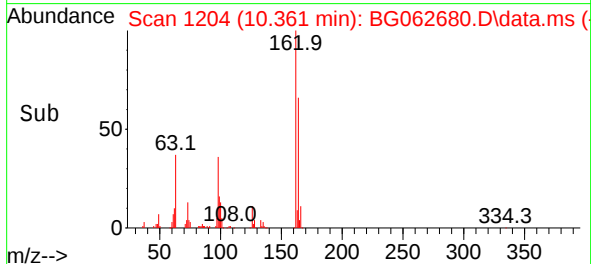
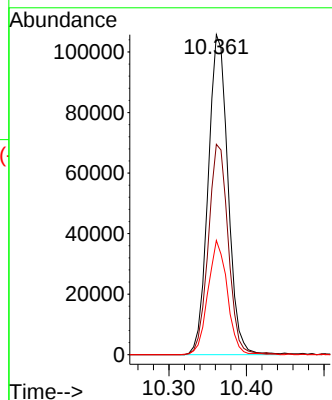
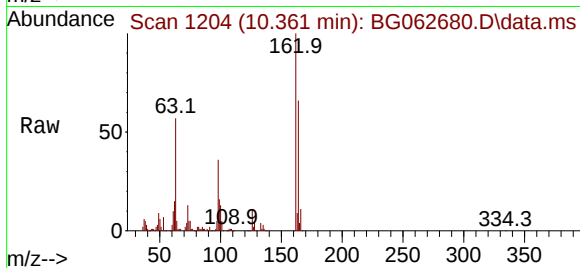
Tgt Ion:162 Resp: 187594

Ion Ratio Lower Upper

162 100

164 65.7 46.8 86.8

98 35.7 16.4 56.4



#30

1,2,4-Trichlorobenzene

Concen: 43.132 ng

RT: 10.579 min Scan# 1241

Delta R.T. -0.003 min

Lab File: BG062680.D

Acq: 6 Sep 2024 14:12

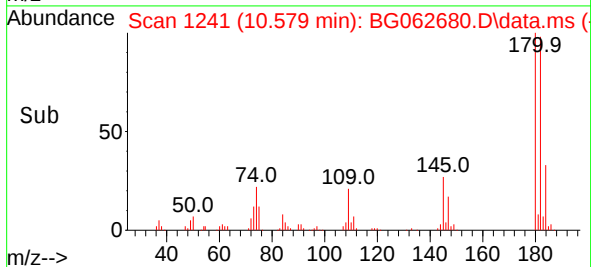
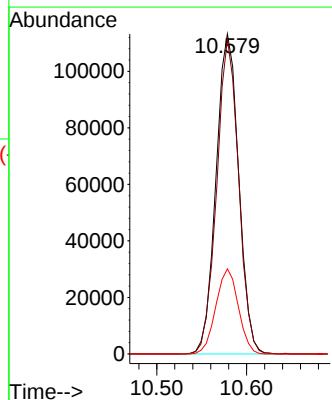
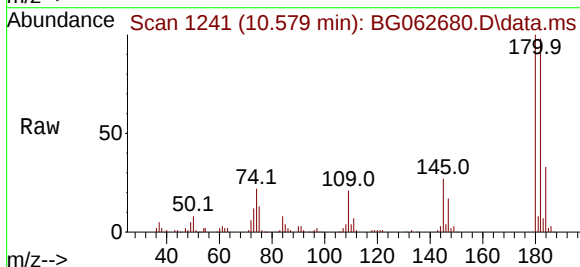
Tgt Ion:180 Resp: 198122

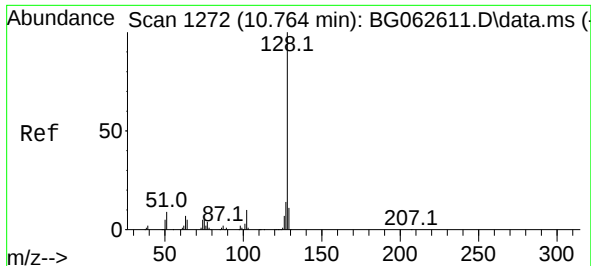
Ion Ratio Lower Upper

180 100

182 98.4 75.1 112.7

145 26.6 20.8 31.2

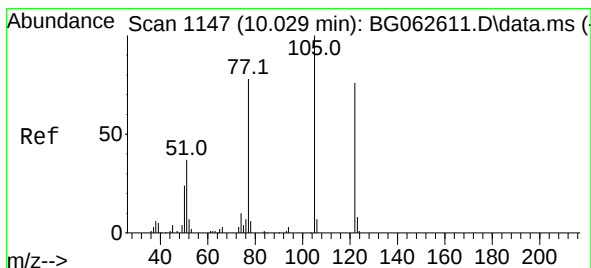
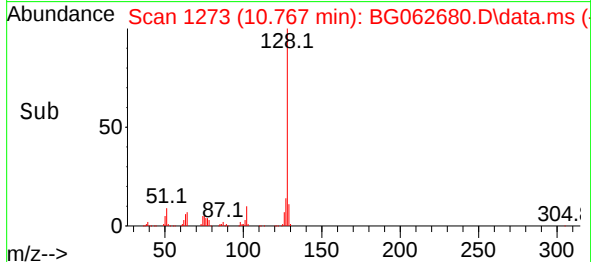
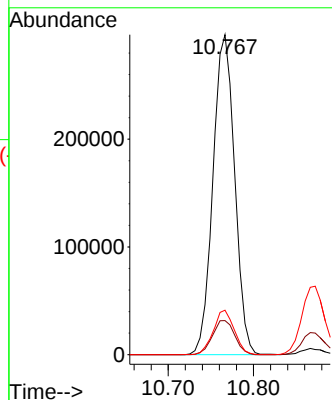
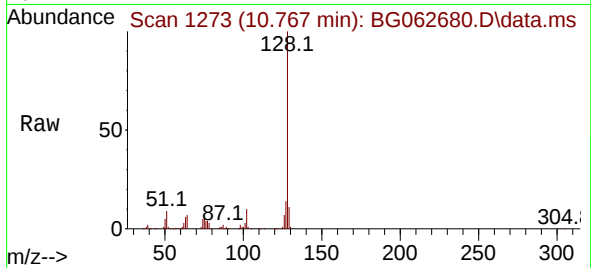




#31  
Naphthalene  
Concen: 41.825 ng  
RT: 10.767 min Scan# 1273  
Delta R.T. 0.003 min  
Lab File: BG062680.D  
Acq: 6 Sep 2024 14:12

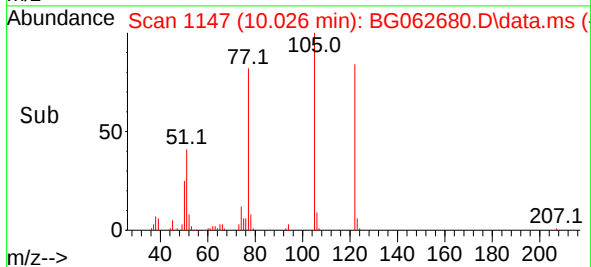
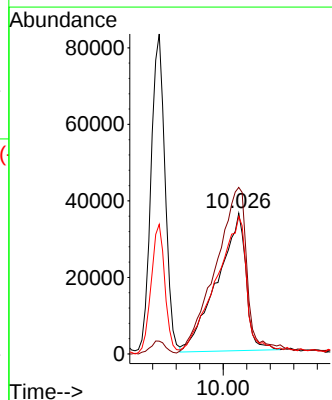
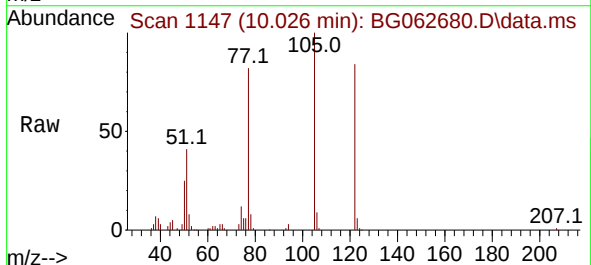
Instrument :  
BNA\_G  
ClientSampleId :  
PB163179BS

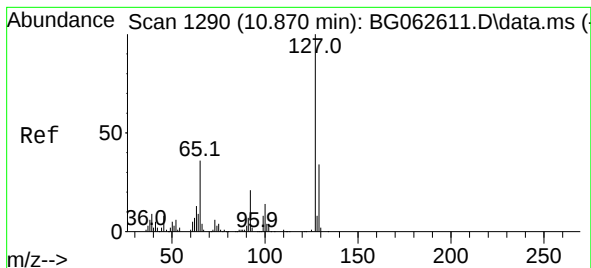
Tgt Ion:128 Resp: 525628  
Ion Ratio Lower Upper  
128 100  
129 10.6 8.8 13.2  
127 13.9 11.3 16.9



#32  
Benzoic acid  
Concen: 40.671 ng  
RT: 10.026 min Scan# 1147  
Delta R.T. -0.003 min  
Lab File: BG062680.D  
Acq: 6 Sep 2024 14:12

Tgt Ion:122 Resp: 121225  
Ion Ratio Lower Upper  
122 100  
105 118.4 105.7 145.7  
77 97.7 79.9 119.9





#33

4-Chloroaniline

Concen: 24.486 ng

RT: 10.872 min Scan# 1290

Delta R.T. 0.003 min

Lab File: BG062680.D

Acq: 6 Sep 2024 14:12

Instrument :

BNA\_G

ClientSampleId :

PB163179BS

Tgt Ion:127 Resp: 121101

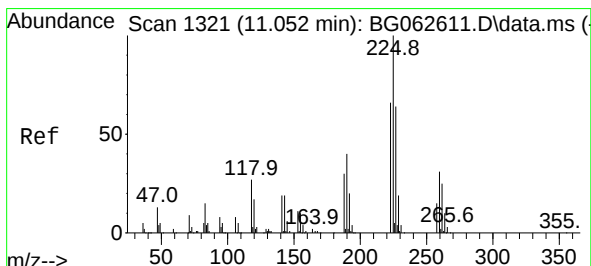
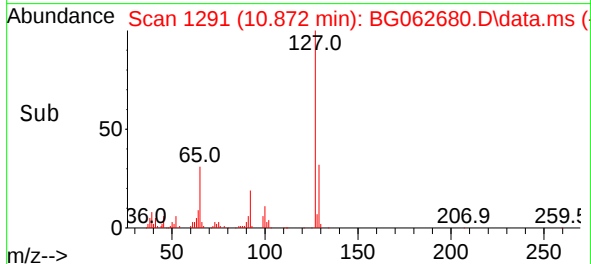
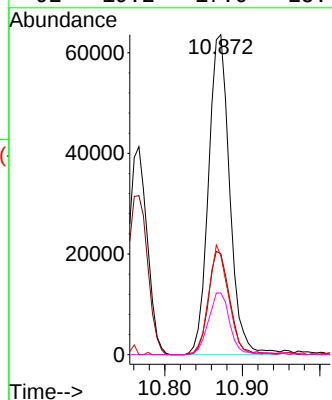
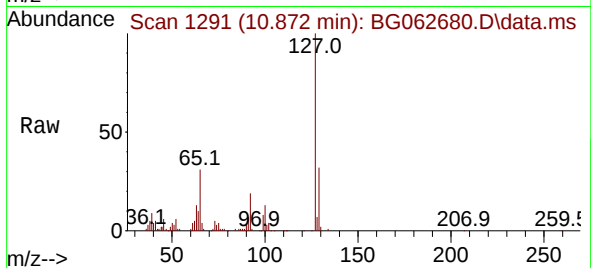
Ion Ratio Lower Upper

127 100

129 31.6 27.3 40.9

65 30.9 29.0 43.4

92 19.2 17.0 25.4



#34

Hexachlorobutadiene

Concen: 42.702 ng

RT: 11.054 min Scan# 1322

Delta R.T. 0.003 min

Lab File: BG062680.D

Acq: 6 Sep 2024 14:12

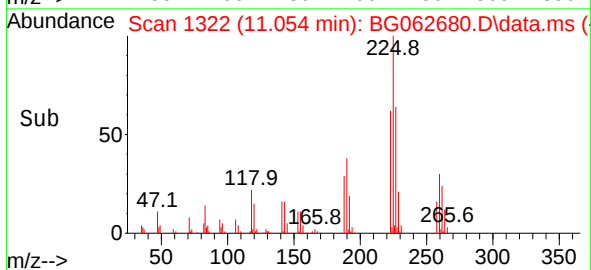
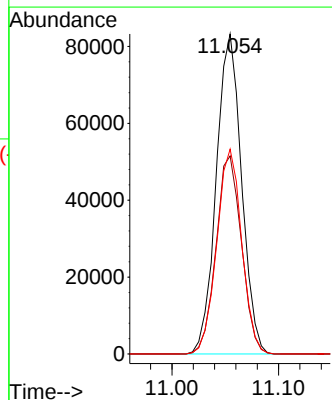
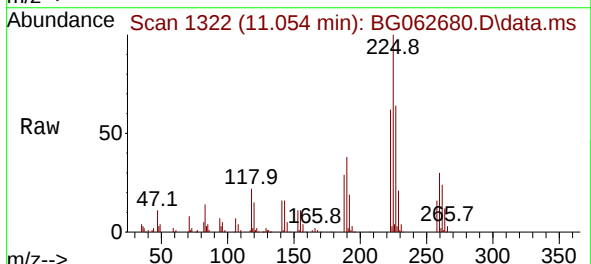
Tgt Ion:225 Resp: 136996

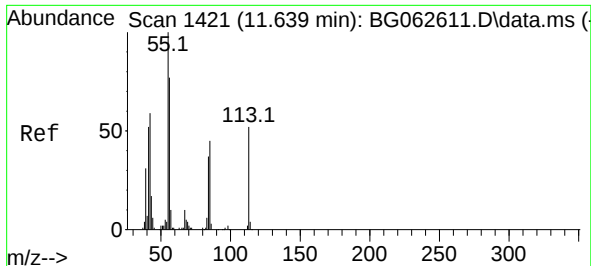
Ion Ratio Lower Upper

225 100

223 61.9 50.1 75.1

227 66.7 48.9 73.3





#35

Caprolactam

Concen: 26.937 ng

RT: 11.636 min Scan# 1421

Delta R.T. -0.003 min

Lab File: BG062680.D

Acq: 6 Sep 2024 14:12

Instrument :

BNA\_G

ClientSampleId :

PB163179BS

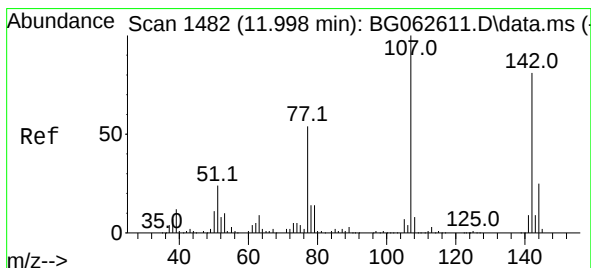
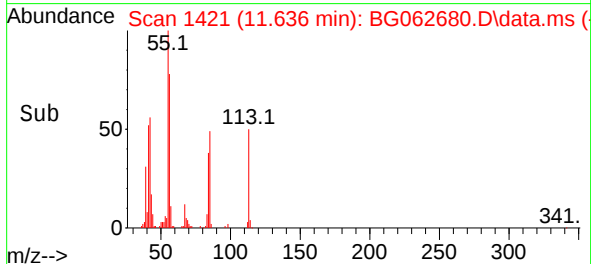
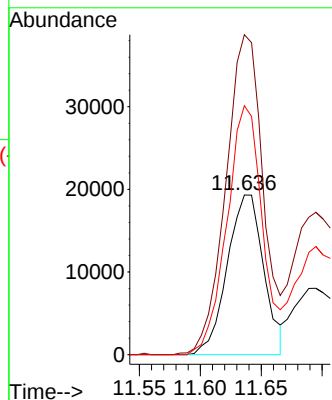
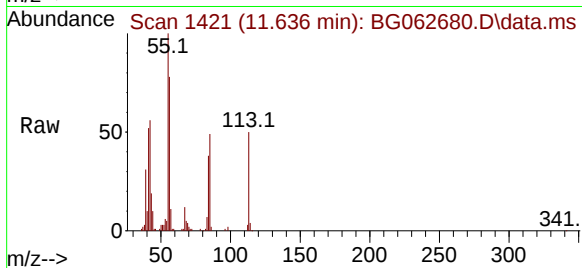
Tgt Ion:113 Resp: 40238

Ion Ratio Lower Upper

113 100

55 200.3 174.1 214.1

56 155.8 129.8 169.8



#36

4-Chloro-3-methylphenol

Concen: 45.463 ng

RT: 11.995 min Scan# 1482

Delta R.T. -0.003 min

Lab File: BG062680.D

Acq: 6 Sep 2024 14:12

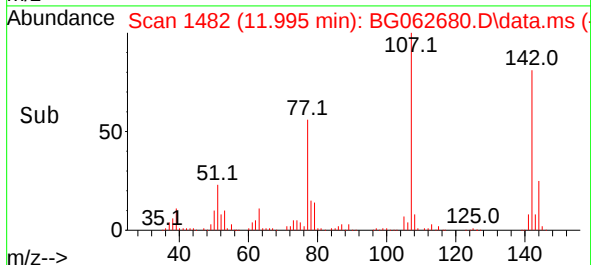
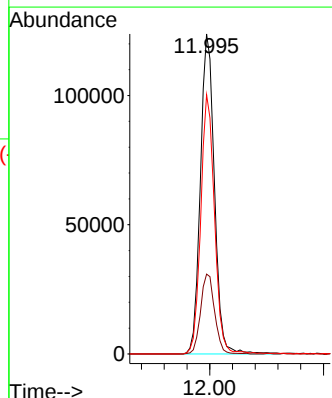
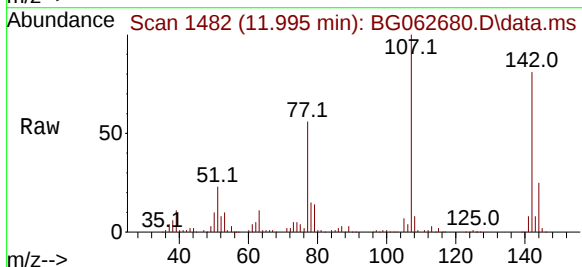
Tgt Ion:107 Resp: 212488

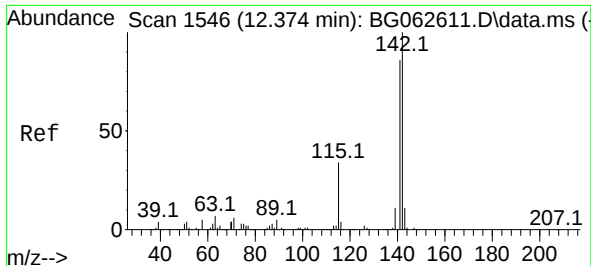
Ion Ratio Lower Upper

107 100

144 24.9 19.8 29.8

142 81.0 64.7 97.1

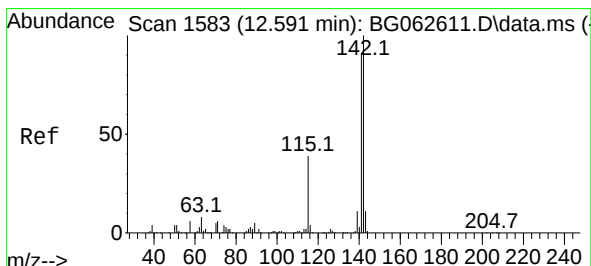
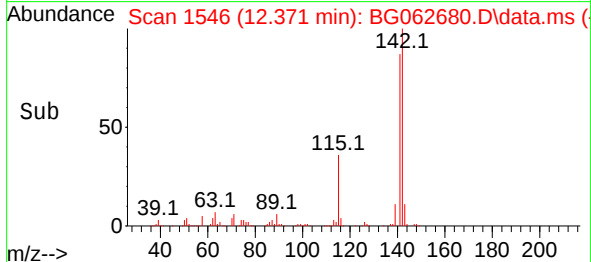
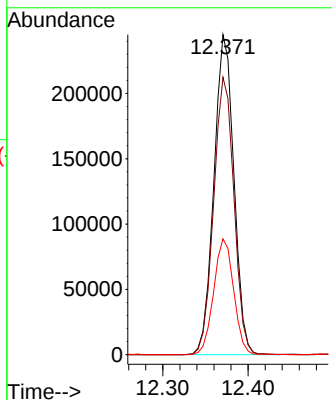
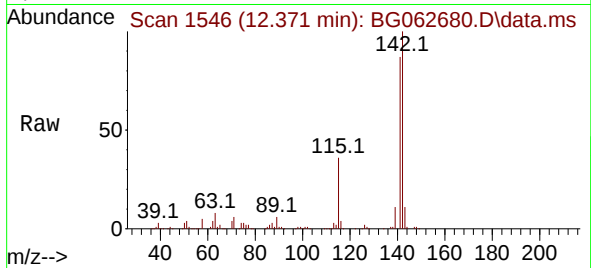




#37  
2-Methylnaphthalene  
Concen: 40.978 ng  
RT: 12.371 min Scan# 1546  
Delta R.T. -0.003 min  
Lab File: BG062680.D  
Acq: 6 Sep 2024 14:12

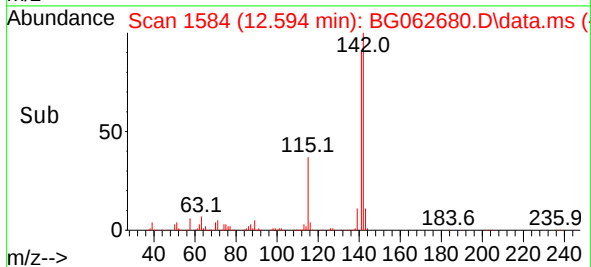
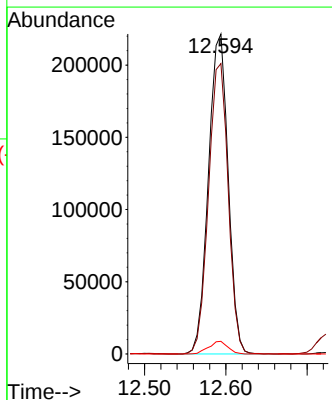
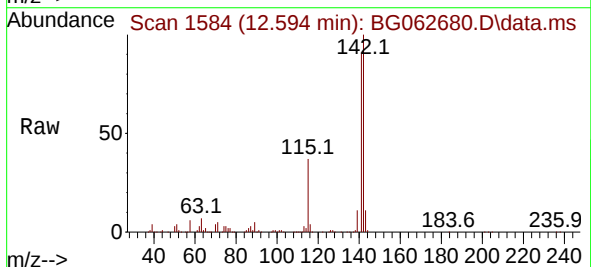
Instrument :  
BNA\_G  
ClientSampleId :  
PB163179BS

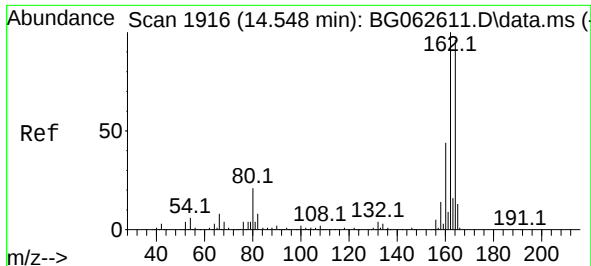
Tgt Ion:142 Resp: 399429  
Ion Ratio Lower Upper  
142 100  
141 86.7 68.9 103.3  
115 36.2 27.5 41.3



#38  
1-Methylnaphthalene  
Concen: 38.116 ng  
RT: 12.594 min Scan# 1584  
Delta R.T. 0.003 min  
Lab File: BG062680.D  
Acq: 6 Sep 2024 14:12

Tgt Ion:142 Resp: 373065  
Ion Ratio Lower Upper  
142 100  
141 90.8 73.0 109.4  
116 4.0 3.2 4.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.550 min Scan# 1

Delta R.T. 0.003 min

Lab File: BG062680.D

Acq: 6 Sep 2024 14:12

Instrument :

BNA\_G

ClientSampleId :

PB163179BS

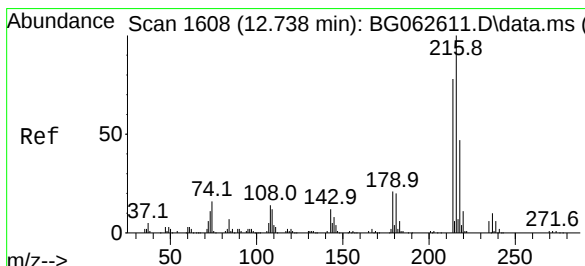
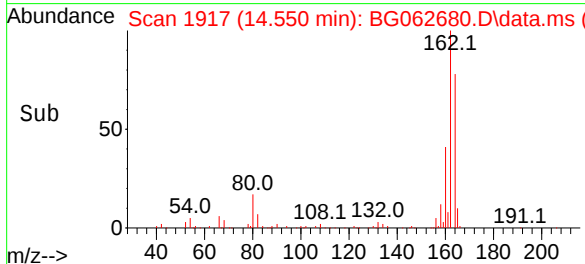
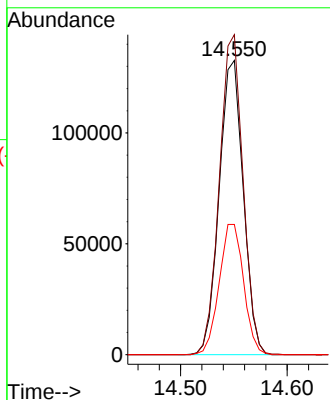
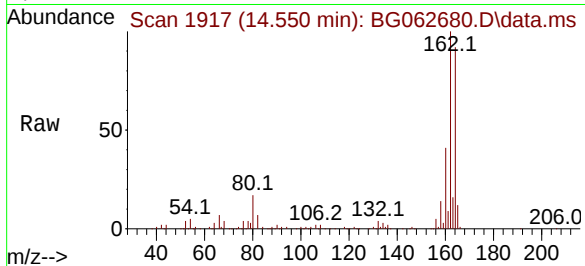
Tgt Ion:164 Resp: 207808

Ion Ratio Lower Upper

164 100

162 108.8 83.1 124.7

160 44.3 36.2 54.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 43.700 ng

RT: 12.741 min Scan# 1609

Delta R.T. 0.003 min

Lab File: BG062680.D

Acq: 6 Sep 2024 14:12

Tgt Ion:216 Resp: 273103

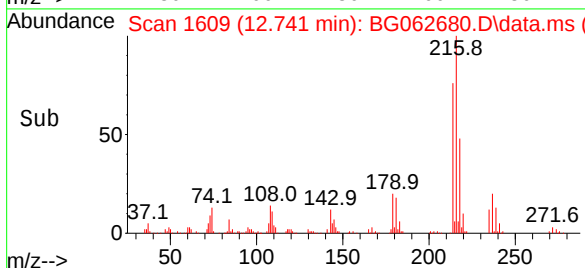
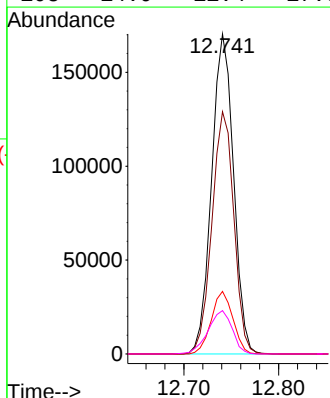
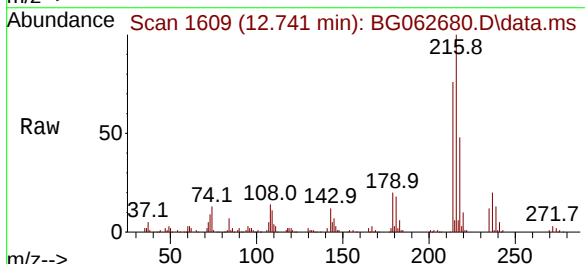
Ion Ratio Lower Upper

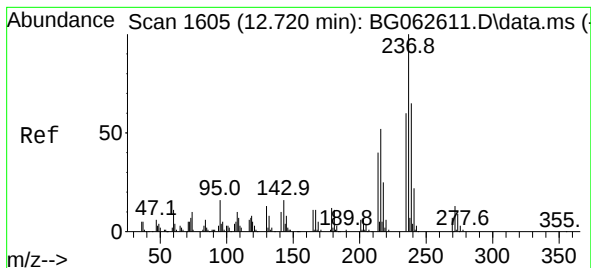
216 100

214 75.9 61.6 92.4

179 19.3 15.9 23.9

108 14.9 11.4 17.0

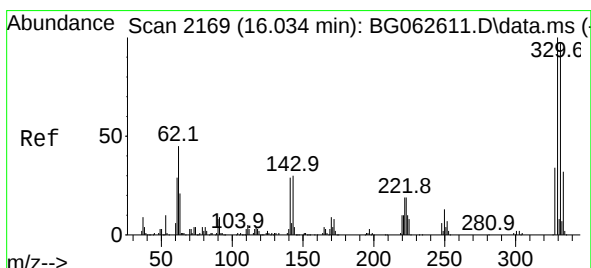
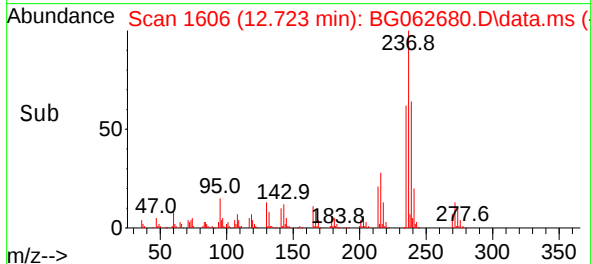
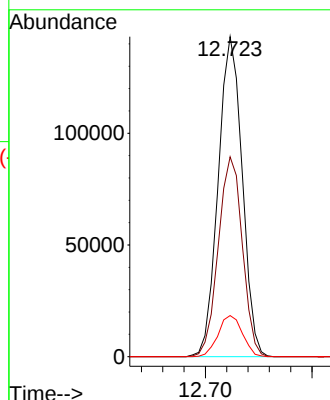
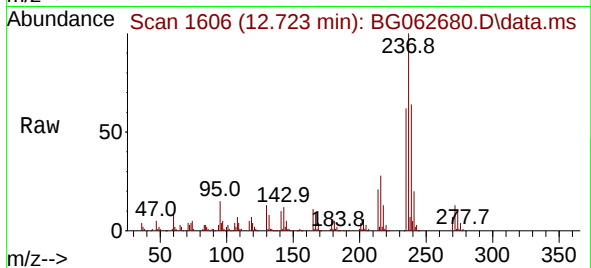




#41  
Hexachlorocyclopentadiene  
Concen: 125.414 ng  
RT: 12.723 min Scan# 1  
Delta R.T. 0.003 min  
Lab File: BG062680.D  
Acq: 6 Sep 2024 14:12

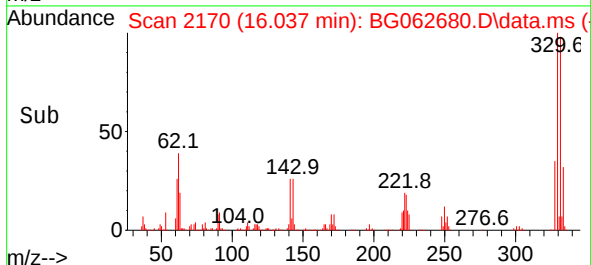
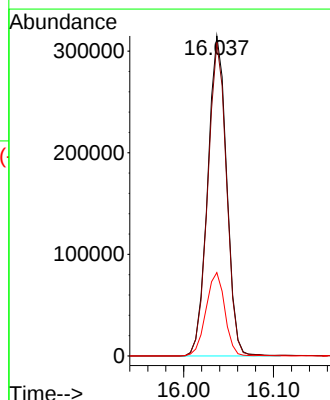
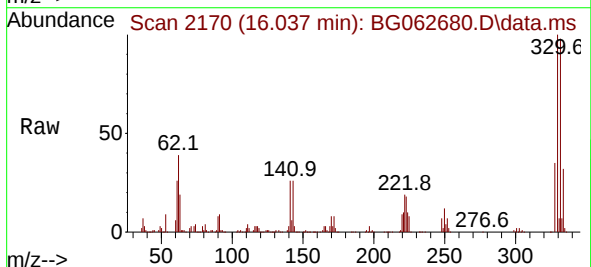
Instrument :  
BNA\_G  
ClientSampleId :  
PB163179BS

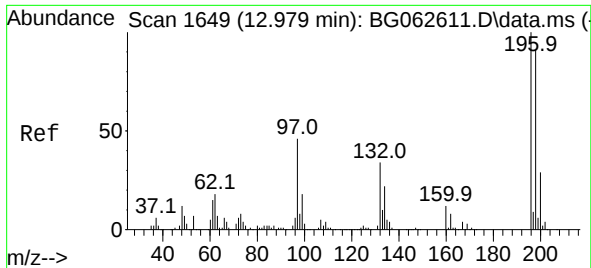
Tgt Ion:237 Resp: 223622  
Ion Ratio Lower Upper  
237 100  
235 62.5 40.4 80.4  
272 12.9 0.0 32.7



#42  
2,4,6-Tribromophenol  
Concen: 157.825 ng  
RT: 16.037 min Scan# 2170  
Delta R.T. 0.003 min  
Lab File: BG062680.D  
Acq: 6 Sep 2024 14:12

Tgt Ion:330 Resp: 461562  
Ion Ratio Lower Upper  
330 100  
332 96.8 77.2 115.8  
141 26.0 22.2 33.4

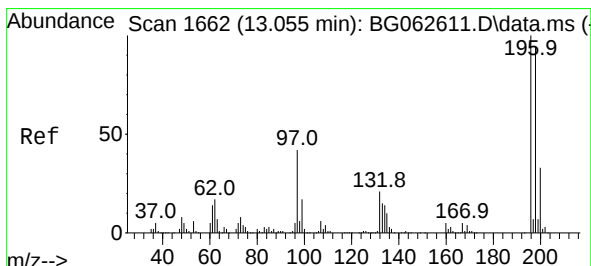
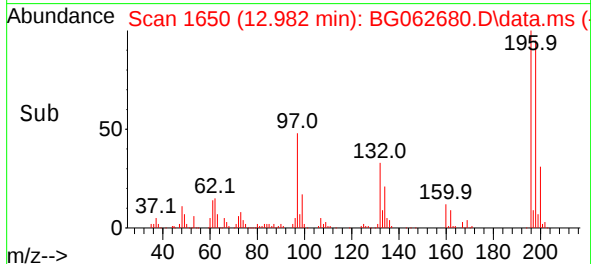
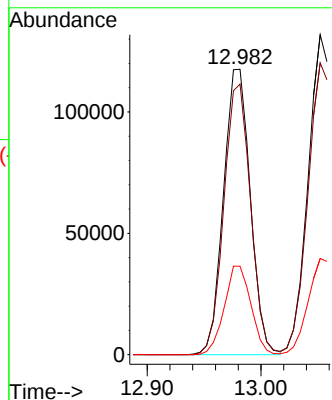
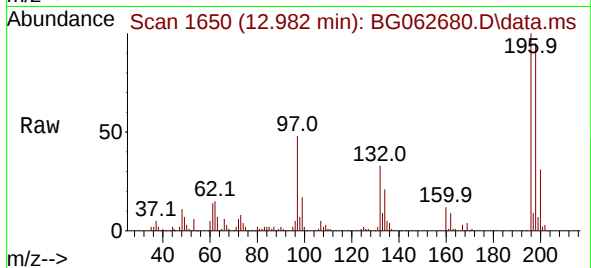




#43  
2,4,6-Trichlorophenol  
Concen: 48.744 ng  
RT: 12.982 min Scan# 1650  
Delta R.T. 0.003 min  
Lab File: BG062680.D  
Acq: 6 Sep 2024 14:12

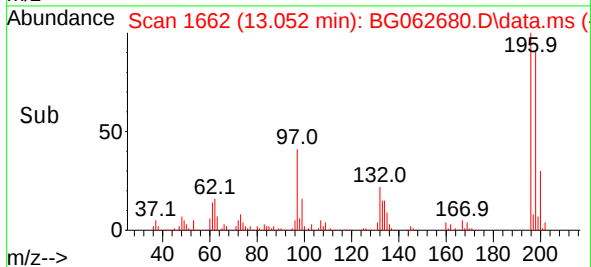
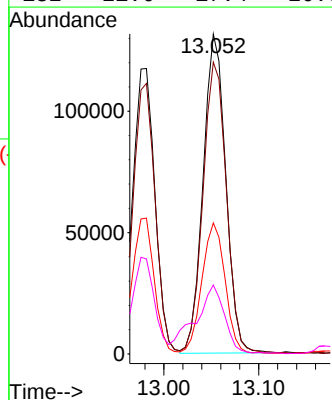
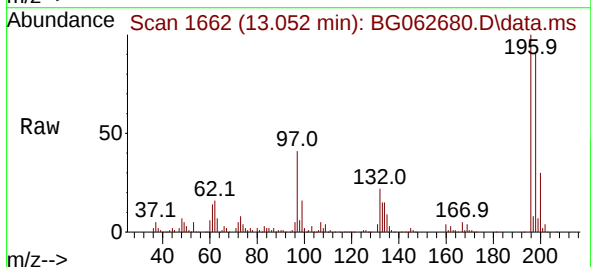
Instrument :  
BNA\_G  
ClientSampleId :  
PB163179BS

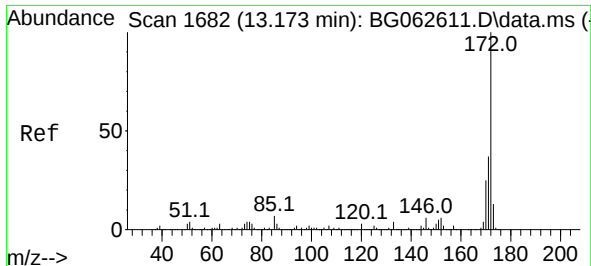
Tgt Ion:196 Resp: 193114  
Ion Ratio Lower Upper  
196 100  
198 94.8 72.8 109.2  
200 31.0 23.5 35.3



#44  
2,4,5-Trichlorophenol  
Concen: 48.496 ng  
RT: 13.052 min Scan# 1662  
Delta R.T. -0.003 min  
Lab File: BG062680.D  
Acq: 6 Sep 2024 14:12

Tgt Ion:196 Resp: 217580  
Ion Ratio Lower Upper  
196 100  
198 91.2 75.5 113.3  
97 41.0 34.1 51.1  
132 21.6 17.4 26.0





#45

2-Fluorobiphenyl

Concen: 84.562 ng

RT: 13.170 min Scan# 1

Delta R.T. -0.003 min

Lab File: BG062680.D

Acq: 6 Sep 2024 14:12

Instrument :

BNA\_G

ClientSampleId :

PB163179BS

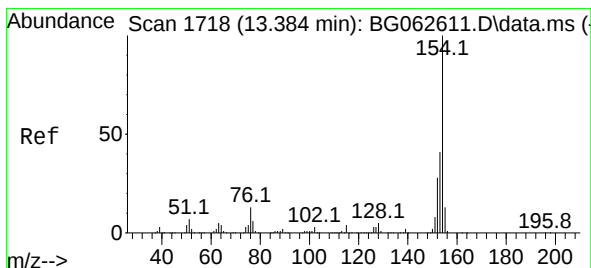
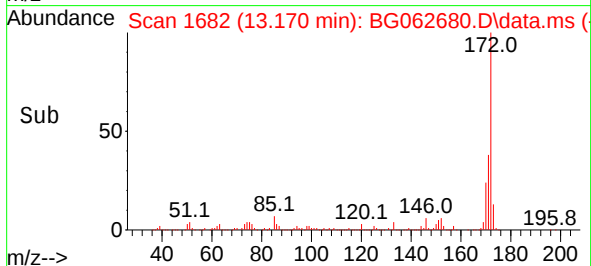
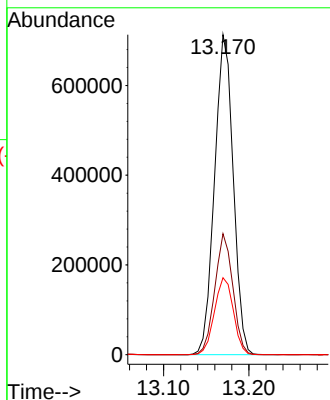
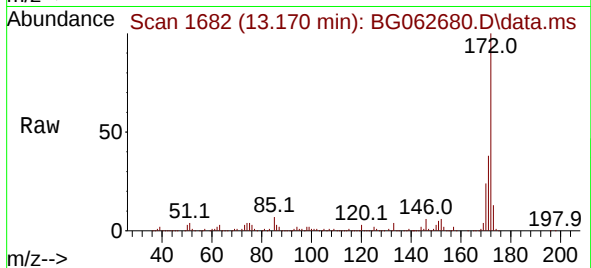
Tgt Ion:172 Resp: 1084872

Ion Ratio Lower Upper

172 100

171 37.8 29.7 44.5

170 24.0 20.0 30.0



#46

1,1'-Biphenyl

Concen: 41.831 ng

RT: 13.381 min Scan# 1718

Delta R.T. -0.003 min

Lab File: BG062680.D

Acq: 6 Sep 2024 14:12

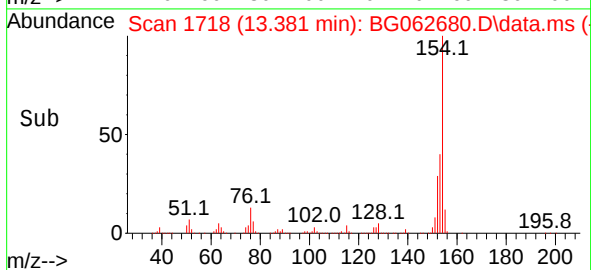
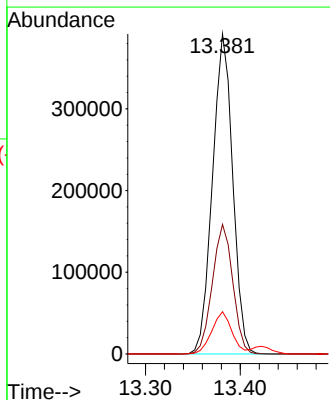
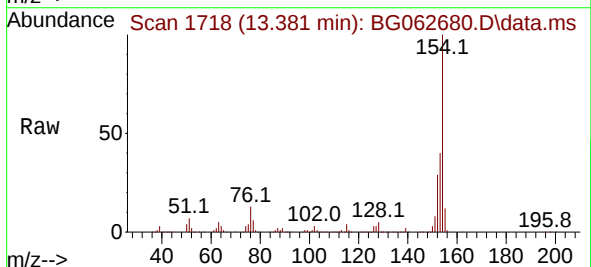
Tgt Ion:154 Resp: 579933

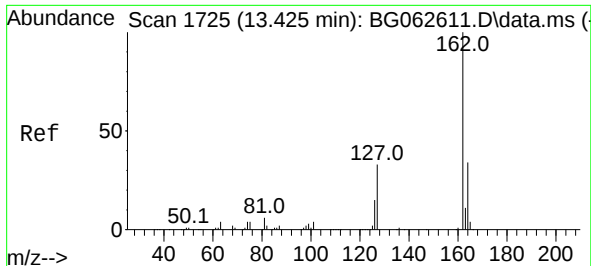
Ion Ratio Lower Upper

154 100

153 40.5 20.8 60.8

76 13.2 0.0 33.4





#47

2-Chloronaphthalene

Concen: 42.133 ng

RT: 13.422 min Scan# 1725

Delta R.T. -0.003 min

Lab File: BG062680.D

Acq: 6 Sep 2024 14:12

Instrument :

BNA\_G

ClientSampleId :

PB163179BS

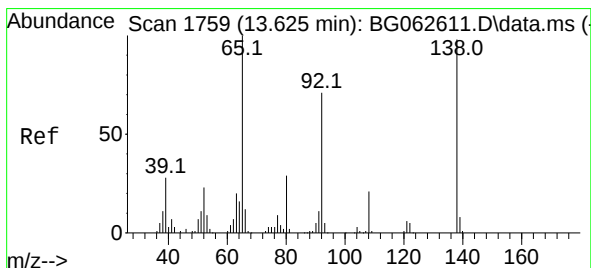
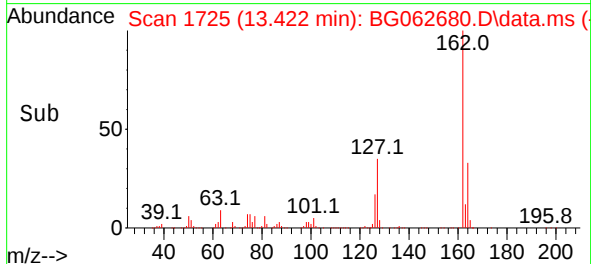
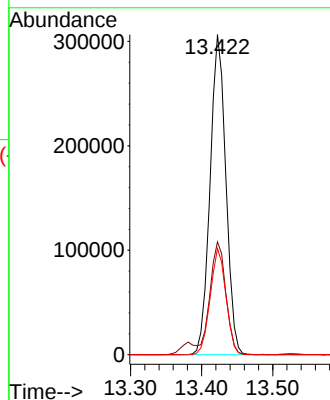
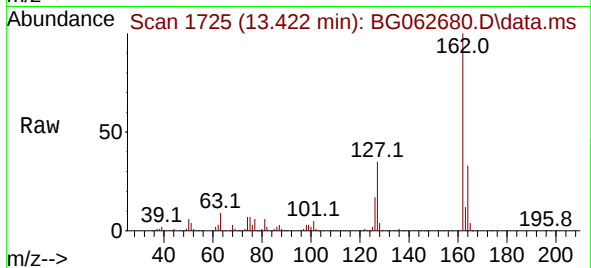
Tgt Ion:162 Resp: 473399

Ion Ratio Lower Upper

162 100

127 35.2 28.7 43.1

164 33.1 26.9 40.3



#48

2-Nitroaniline

Concen: 53.202 ng

RT: 13.622 min Scan# 1759

Delta R.T. -0.003 min

Lab File: BG062680.D

Acq: 6 Sep 2024 14:12

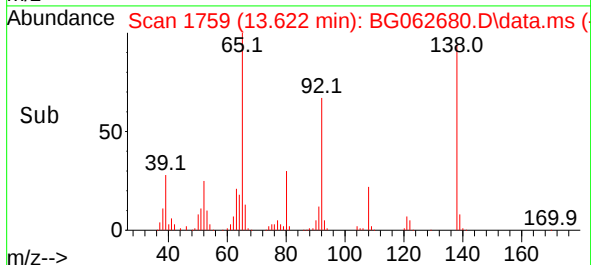
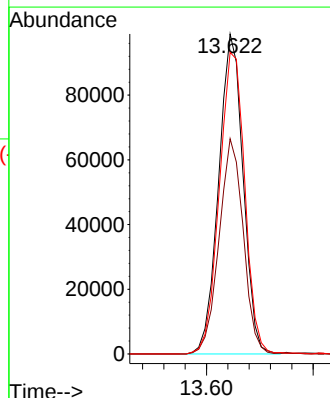
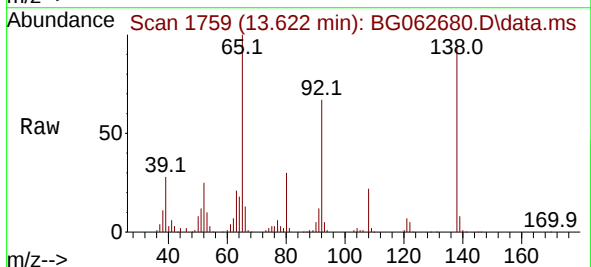
Tgt Ion: 65 Resp: 157225

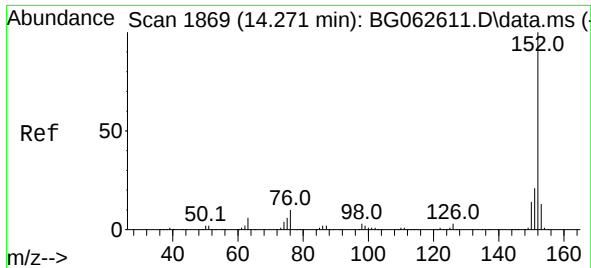
Ion Ratio Lower Upper

65 100

92 67.3 56.6 84.8

138 94.2 78.7 118.1





#49

Acenaphthylene

Concen: 46.898 ng

RT: 14.268 min Scan# 1869

Delta R.T. -0.003 min

Lab File: BG062680.D

Acq: 6 Sep 2024 14:12

Instrument :

BNA\_G

ClientSampleId :

PB163179BS

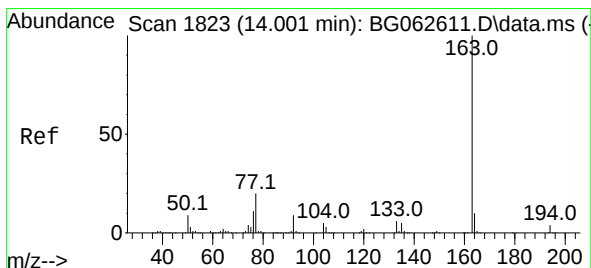
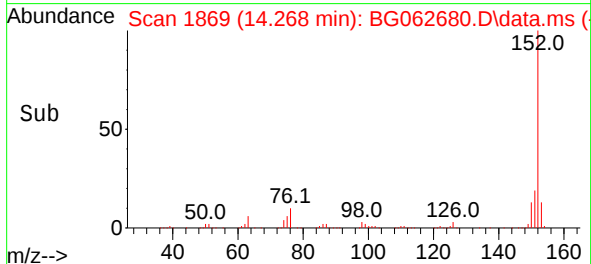
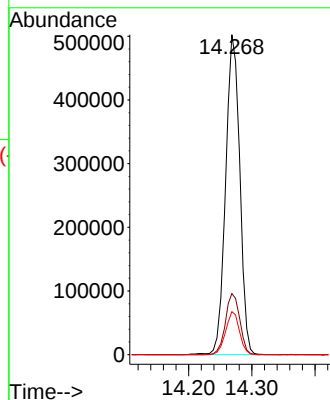
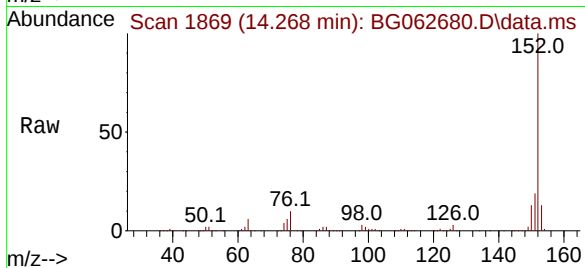
Tgt Ion:152 Resp: 780347

Ion Ratio Lower Upper

152 100

151 19.1 16.6 24.8

153 13.5 10.2 15.4



#50

Dimethylphthalate

Concen: 45.491 ng

RT: 14.004 min Scan# 1824

Delta R.T. 0.003 min

Lab File: BG062680.D

Acq: 6 Sep 2024 14:12

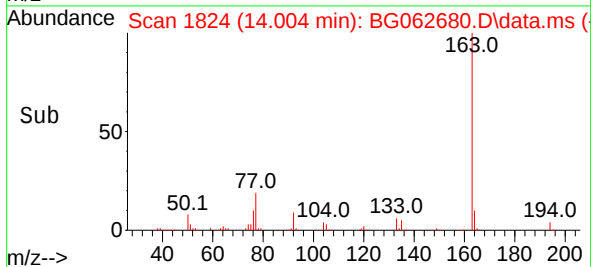
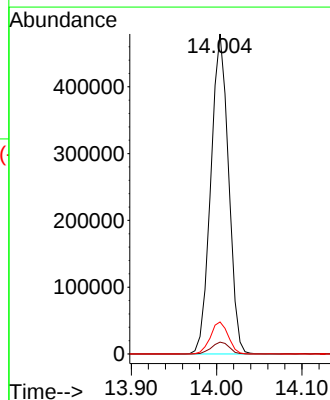
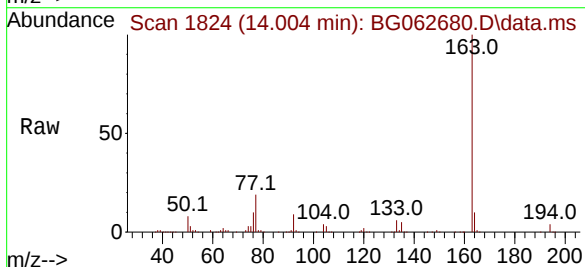
Tgt Ion:163 Resp: 691256

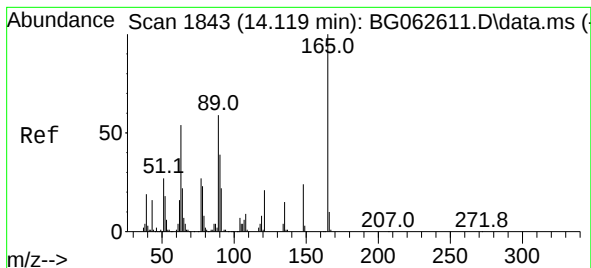
Ion Ratio Lower Upper

163 100

194 3.7 2.9 4.3

164 10.0 8.3 12.5

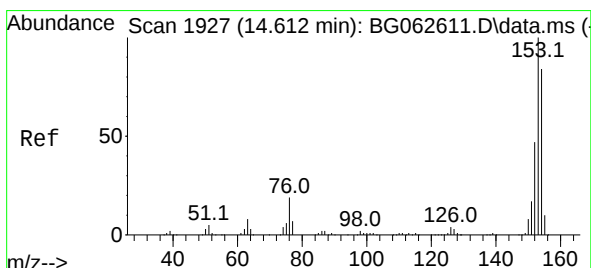
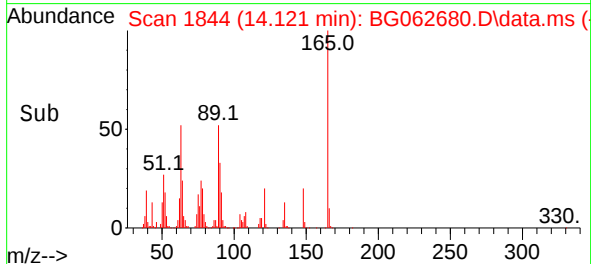
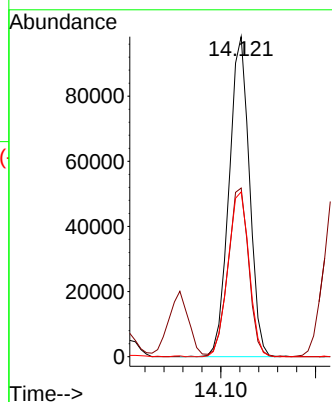
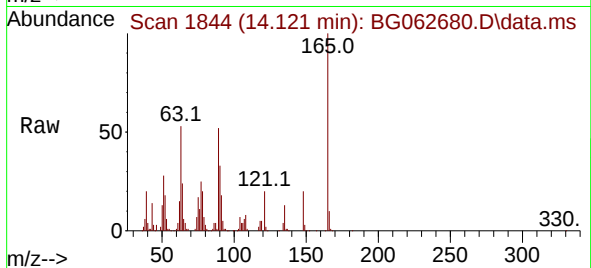




#51  
2,6-Dinitrotoluene  
Concen: 50.917 ng  
RT: 14.121 min Scan# 1844  
Delta R.T. 0.003 min  
Lab File: BG062680.D  
Acq: 6 Sep 2024 14:12

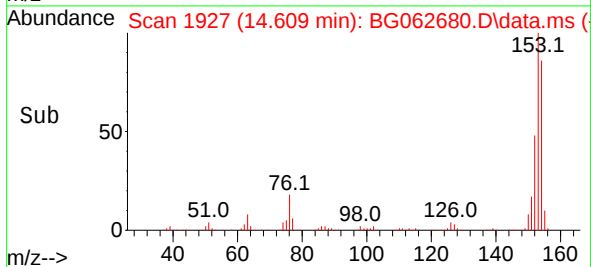
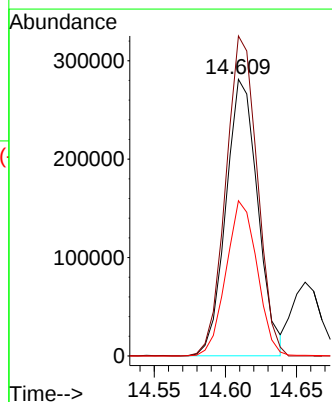
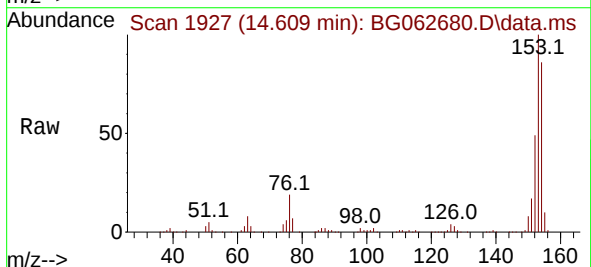
Instrument :  
BNA\_G  
ClientSampleId :  
PB163179BS

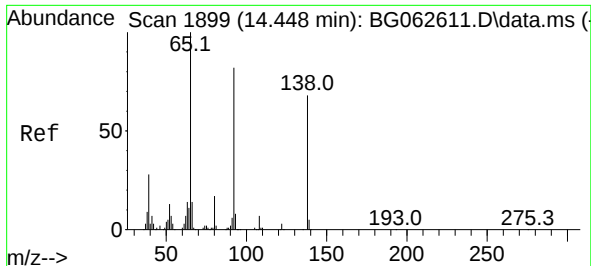
Tgt Ion:165 Resp: 146345  
Ion Ratio Lower Upper  
165 100  
63 52.7 46.6 69.8  
89 51.5 47.2 70.8



#52  
Acenaphthene  
Concen: 42.162 ng  
RT: 14.609 min Scan# 1927  
Delta R.T. -0.003 min  
Lab File: BG062680.D  
Acq: 6 Sep 2024 14:12

Tgt Ion:154 Resp: 438548  
Ion Ratio Lower Upper  
154 100  
153 115.7 95.0 142.4  
152 56.1 45.0 67.6





#53

3-Nitroaniline

Concen: 39.967 ng

RT: 14.450 min Scan# 1

Delta R.T. 0.003 min

Lab File: BG062680.D

Acq: 6 Sep 2024 14:12

Instrument :

BNA\_G

ClientSampleId :

PB163179BS

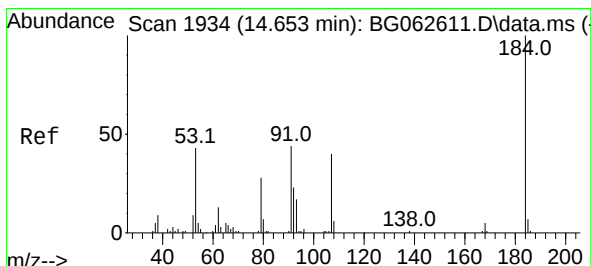
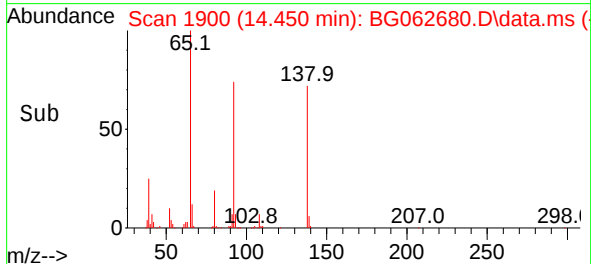
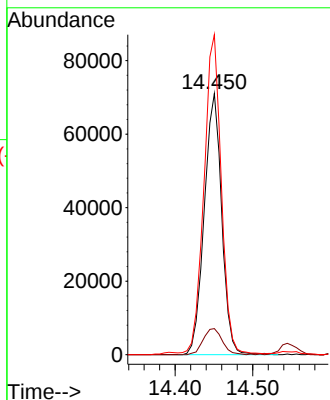
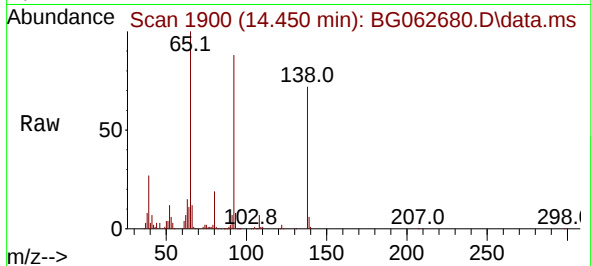
Tgt Ion:138 Resp: 111151

Ion Ratio Lower Upper

138 100

108 10.0 8.6 13.0

92 122.5 95.7 143.5



#54

2,4-Dinitrophenol

Concen: 120.519 ng

RT: 14.656 min Scan# 1935

Delta R.T. 0.003 min

Lab File: BG062680.D

Acq: 6 Sep 2024 14:12

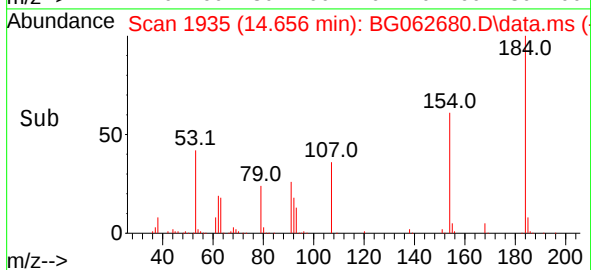
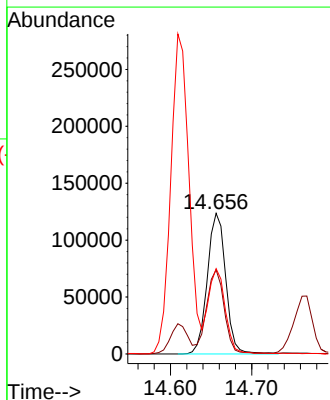
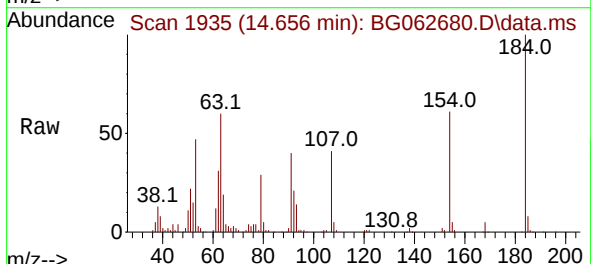
Tgt Ion:184 Resp: 194393

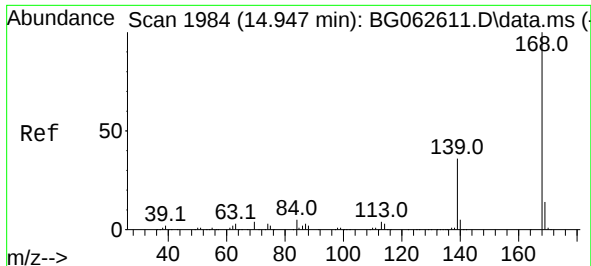
Ion Ratio Lower Upper

184 100

63 59.9 49.0 73.4

154 60.7 50.5 75.7

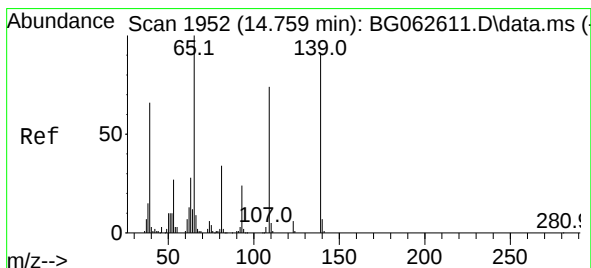
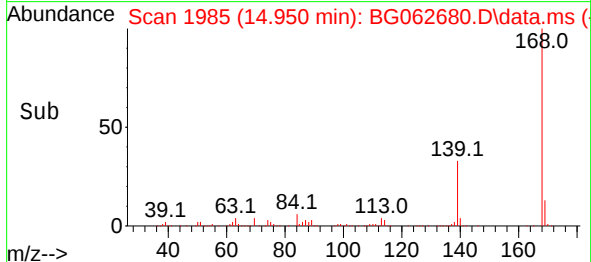
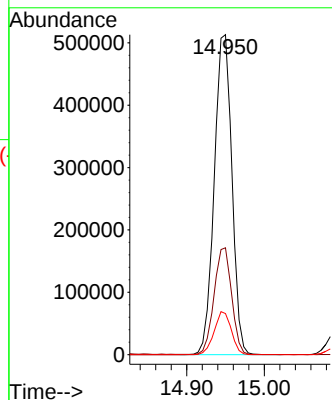
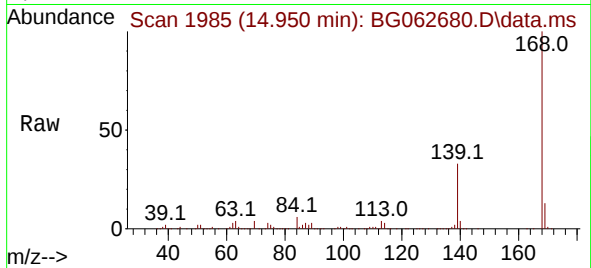




#55  
Dibenzofuran  
Concen: 45.401 ng  
RT: 14.950 min Scan# 1985  
Delta R.T. 0.003 min  
Lab File: BG062680.D  
Acq: 6 Sep 2024 14:12

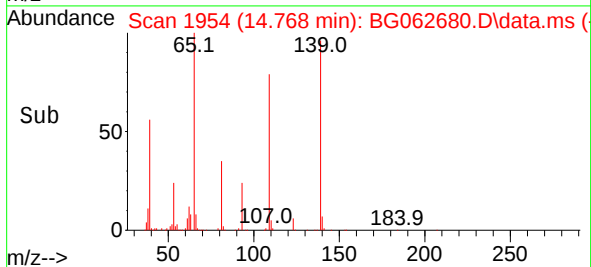
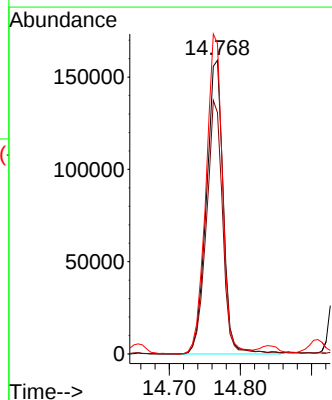
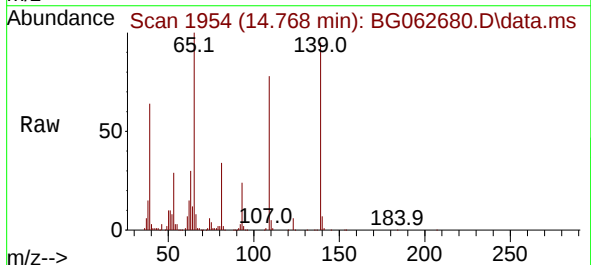
Instrument :  
BNA\_G  
ClientSampleId :  
PB163179BS

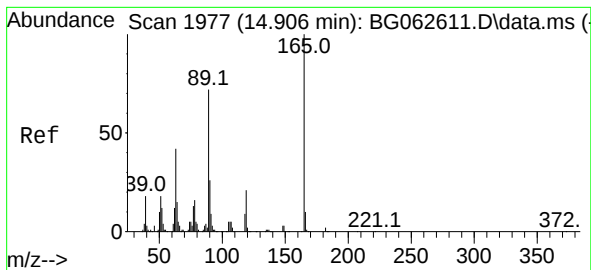
Tgt Ion:168 Resp: 809878  
Ion Ratio Lower Upper  
168 100  
139 33.4 28.6 42.8  
169 12.9 11.0 16.6



#56  
4-Nitrophenol  
Concen: 111.710 ng  
RT: 14.768 min Scan# 1954  
Delta R.T. 0.009 min  
Lab File: BG062680.D  
Acq: 6 Sep 2024 14:12

Tgt Ion:139 Resp: 263291  
Ion Ratio Lower Upper  
139 100  
109 82.1 61.2 101.2  
65 105.7 90.2 130.2

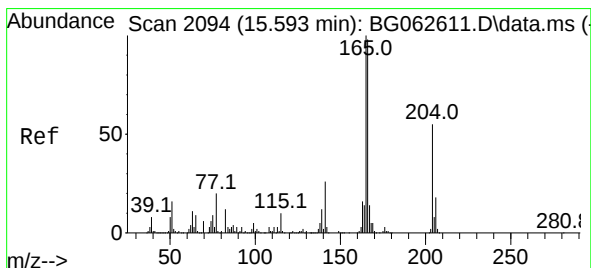
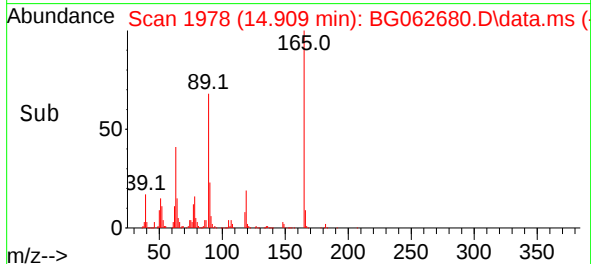
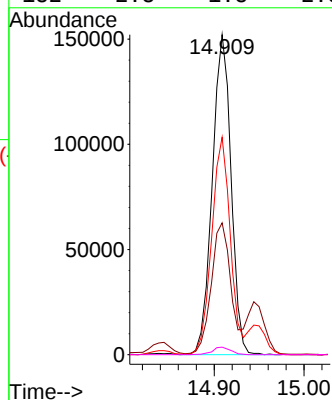
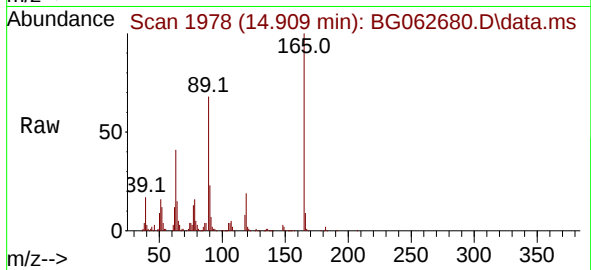




#57  
2,4-Dinitrotoluene  
Concen: 56.289 ng  
RT: 14.909 min Scan# 1978  
Delta R.T. 0.003 min  
Lab File: BG062680.D  
Acq: 6 Sep 2024 14:12

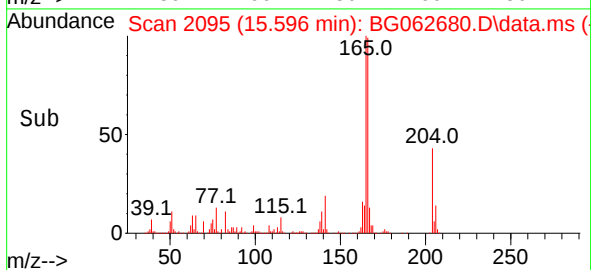
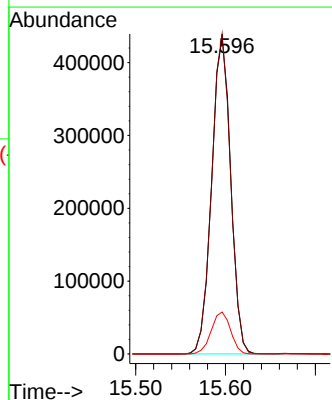
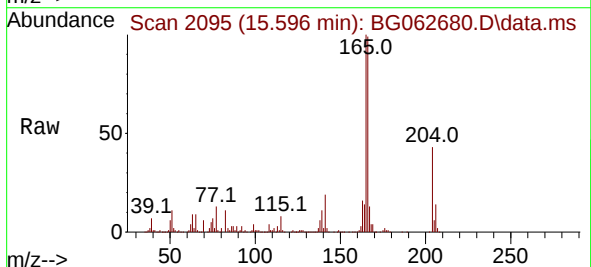
Instrument :  
BNA\_G  
ClientSampleId :  
PB163179BS

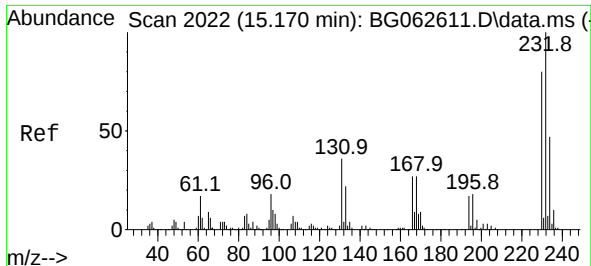
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 165   | Resp: | 220741 |
| Ion      | Ratio | Lower | Upper  |
| 165      | 100   |       |        |
| 63       | 41.2  | 33.8  | 50.6   |
| 89       | 68.0  | 57.9  | 86.9   |
| 182      | 2.3   | 1.8   | 2.8    |



#58  
Fluorene  
Concen: 45.718 ng  
RT: 15.596 min Scan# 2095  
Delta R.T. 0.003 min  
Lab File: BG062680.D  
Acq: 6 Sep 2024 14:12

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 166   | Resp: | 640027 |
| Ion      | Ratio | Lower | Upper  |
| 166      | 100   |       |        |
| 165      | 101.1 | 82.0  | 123.0  |
| 167      | 13.3  | 11.3  | 16.9   |

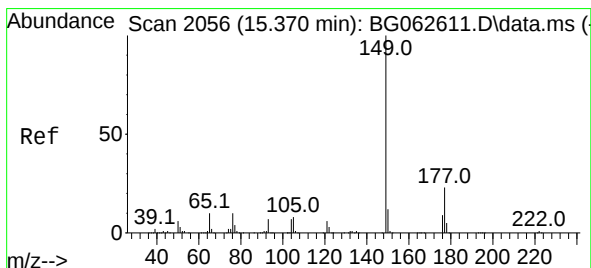
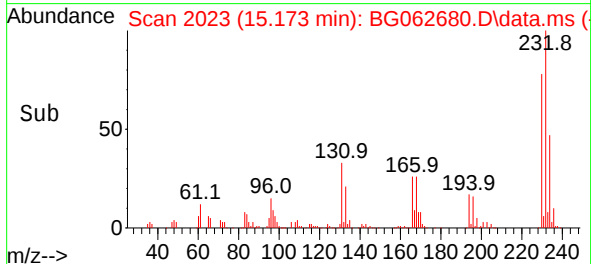
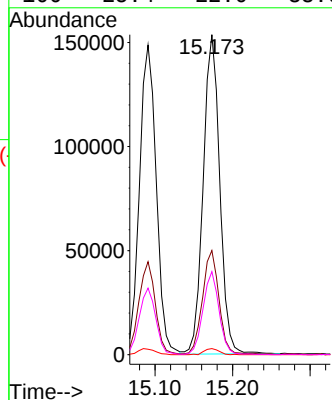
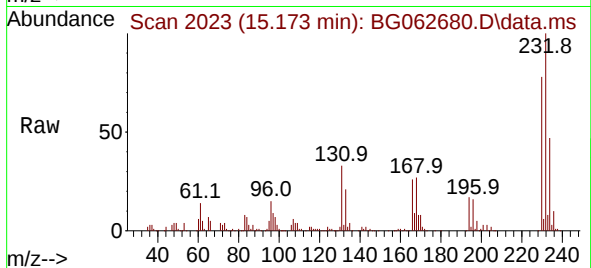




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 53.539 ng  
RT: 15.173 min Scan# 2022  
Delta R.T. 0.003 min  
Lab File: BG062680.D  
Acq: 6 Sep 2024 14:12

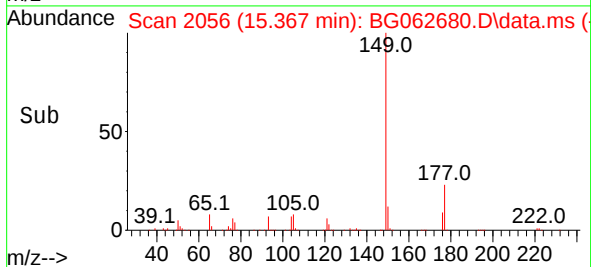
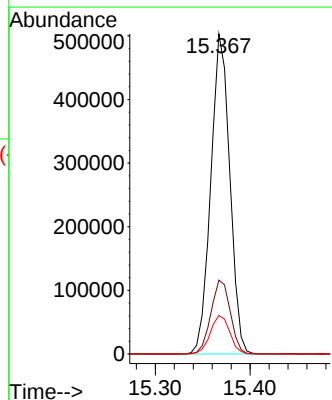
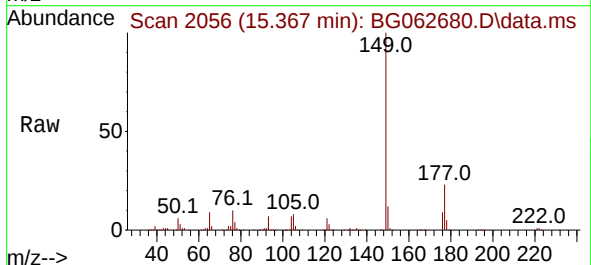
Instrument :  
BNA\_G  
ClientSampleId :  
PB163179BS

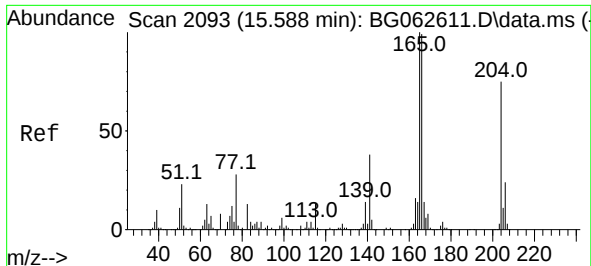
Tgt Ion:232 Resp: 227554  
Ion Ratio Lower Upper  
232 100  
131 32.1 28.3 42.5  
130 1.7 1.7 2.5  
166 25.4 22.0 33.0



#60  
Diethylphthalate  
Concen: 46.497 ng  
RT: 15.367 min Scan# 2056  
Delta R.T. -0.003 min  
Lab File: BG062680.D  
Acq: 6 Sep 2024 14:12

Tgt Ion:149 Resp: 700278  
Ion Ratio Lower Upper  
149 100  
177 23.1 18.0 27.0  
150 12.0 9.8 14.8

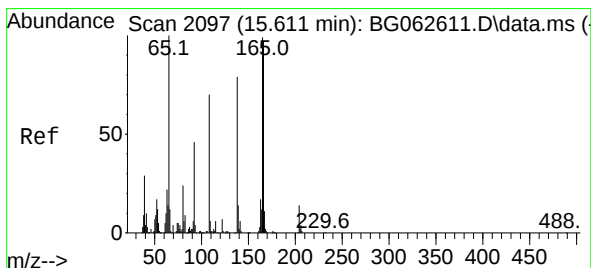
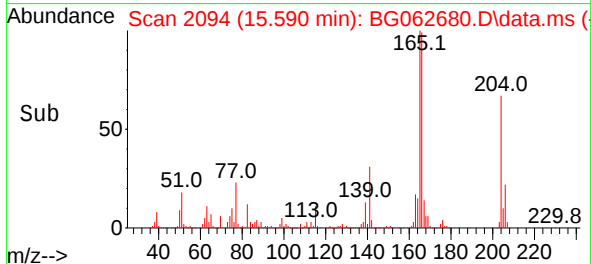
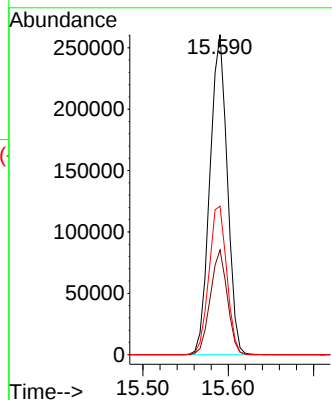
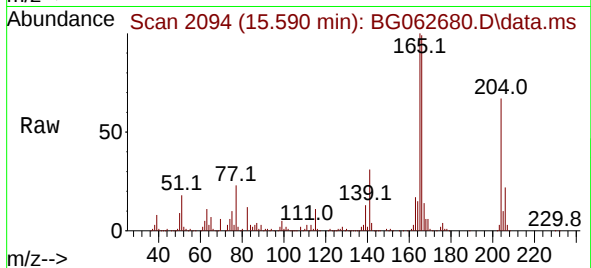




#61  
4-Chlorophenyl-phenylether  
Concen: 45.895 ng  
RT: 15.590 min Scan# 2094  
Delta R.T. 0.003 min  
Lab File: BG062680.D  
Acq: 6 Sep 2024 14:12

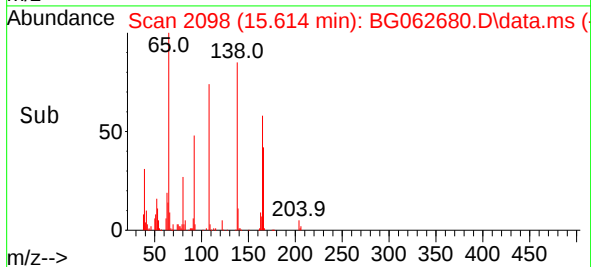
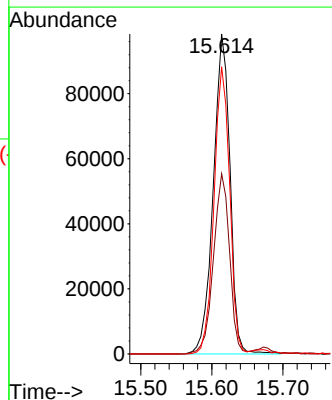
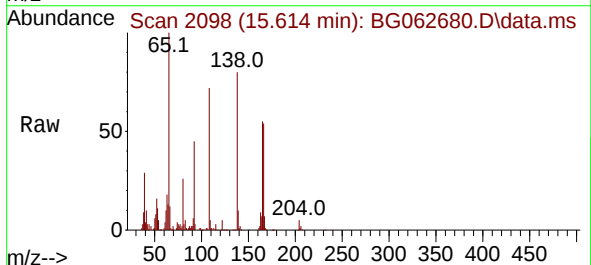
Instrument :  
BNA\_G  
ClientSampleId :  
PB163179BS

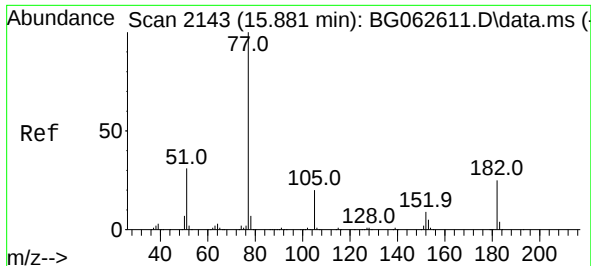
Tgt Ion:204 Resp: 368851  
Ion Ratio Lower Upper  
204 100  
206 32.7 25.9 38.9  
141 46.4 41.0 61.6



#62  
4-Nitroaniline  
Concen: 52.246 ng  
RT: 15.614 min Scan# 2098  
Delta R.T. 0.003 min  
Lab File: BG062680.D  
Acq: 6 Sep 2024 14:12

Tgt Ion:138 Resp: 160212  
Ion Ratio Lower Upper  
138 100  
92 56.3 38.4 78.4  
108 89.8 69.0 109.0

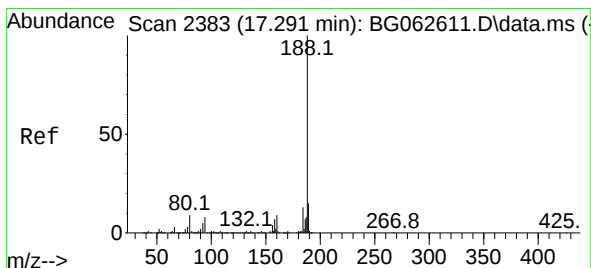
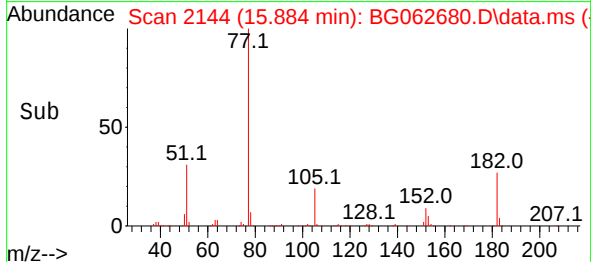
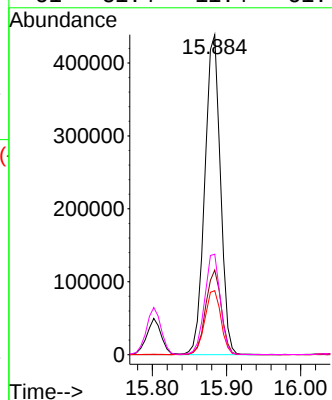
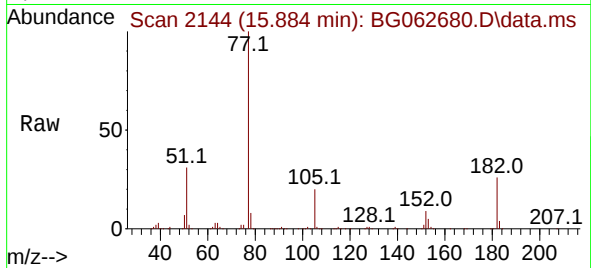




#63  
Azobenzene  
Concen: 45.352 ng  
RT: 15.884 min Scan# 2143  
Delta R.T. 0.003 min  
Lab File: BG062680.D  
Acq: 6 Sep 2024 14:12

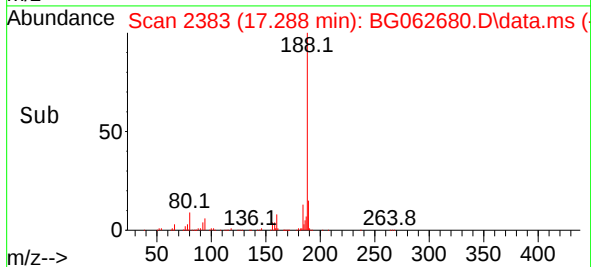
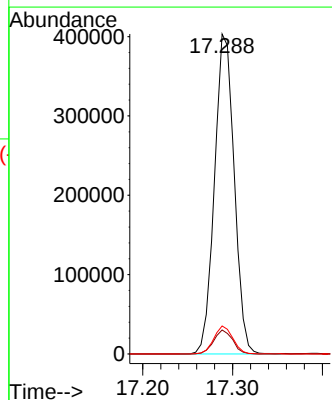
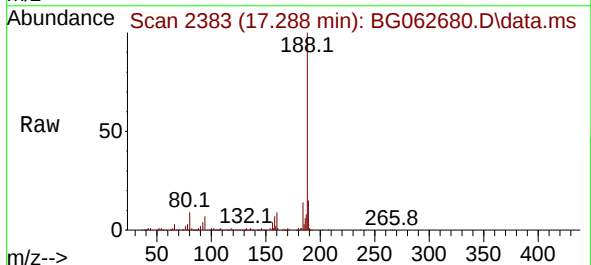
Instrument :  
BNA\_G  
ClientSampleId :  
PB163179BS

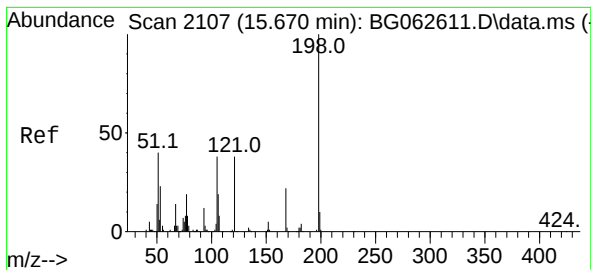
Tgt Ion: 77 Resp: 641372  
Ion Ratio Lower Upper  
77 100  
182 26.5 5.0 45.0  
105 20.0 0.5 40.5  
51 31.4 11.4 51.4



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.288 min Scan# 2383  
Delta R.T. -0.003 min  
Lab File: BG062680.D  
Acq: 6 Sep 2024 14:12

Tgt Ion:188 Resp: 614848  
Ion Ratio Lower Upper  
188 100  
94 7.5 6.3 9.5  
80 8.8 7.0 10.4

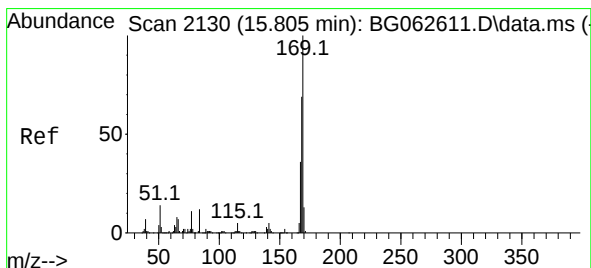
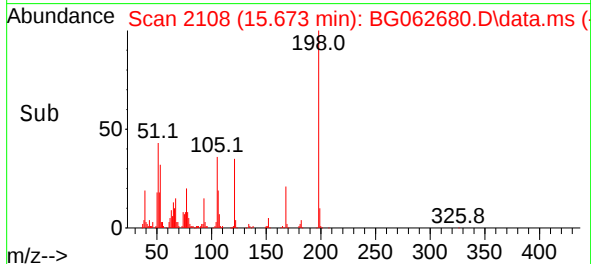
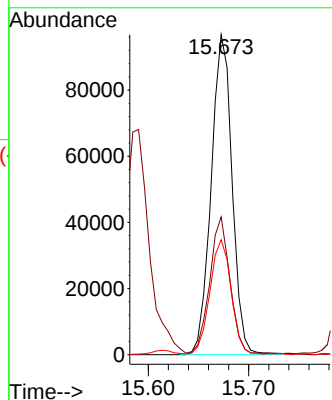
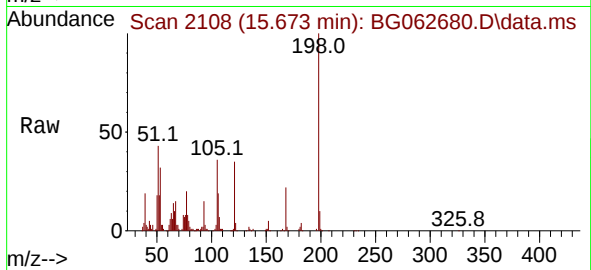




#65  
4,6-Dinitro-2-methylphenol  
Concen: 51.091 ng  
RT: 15.673 min Scan# 2107  
Delta R.T. 0.003 min  
Lab File: BG062680.D  
Acq: 6 Sep 2024 14:12

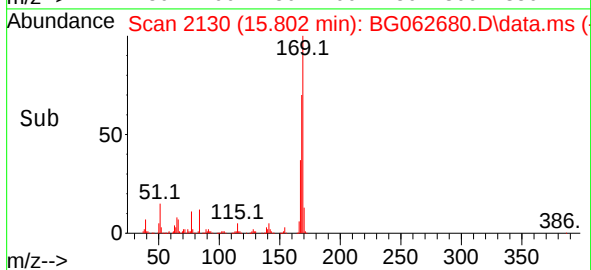
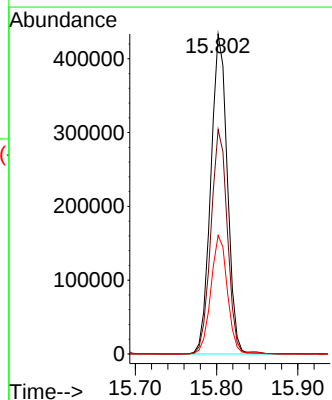
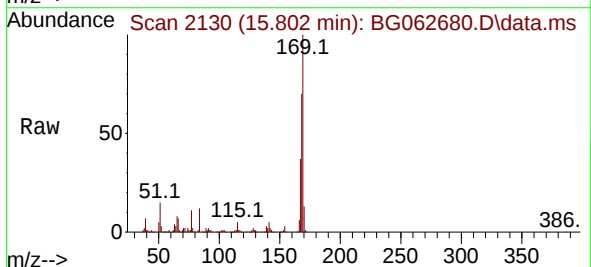
Instrument :  
BNA\_G  
ClientSampleId :  
PB163179BS

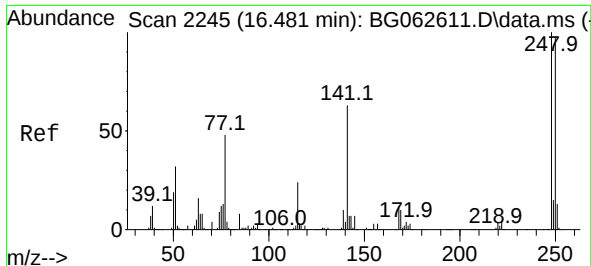
Tgt Ion:198 Resp: 140187  
Ion Ratio Lower Upper  
198 100  
51 43.1 25.1 65.1  
105 35.9 18.3 58.3



#66  
n-Nitrosodiphenylamine  
Concen: 41.283 ng  
RT: 15.802 min Scan# 2130  
Delta R.T. -0.003 min  
Lab File: BG062680.D  
Acq: 6 Sep 2024 14:12

Tgt Ion:169 Resp: 610267  
Ion Ratio Lower Upper  
169 100  
168 70.1 55.4 83.2  
167 37.0 29.0 43.6

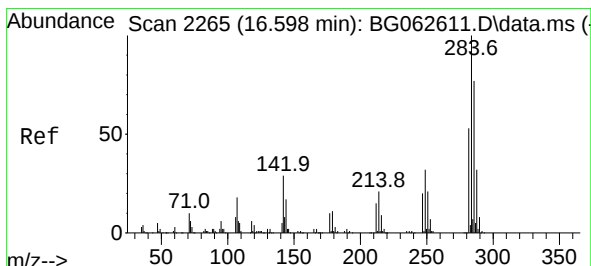
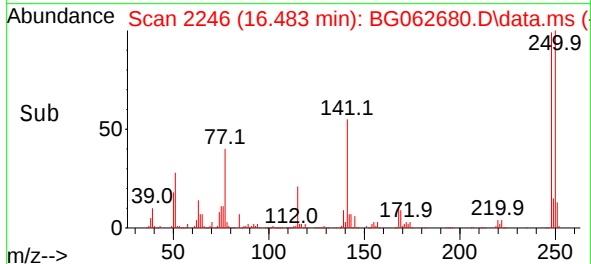
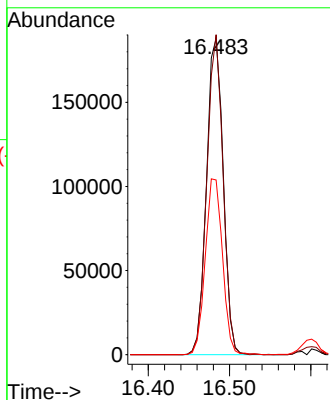
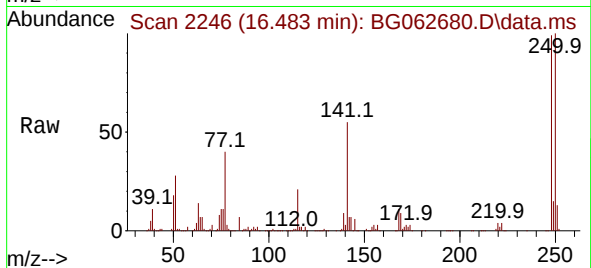




#67  
4-Bromophenyl-phenylether  
Concen: 42.362 ng  
RT: 16.483 min Scan# 2245  
Delta R.T. 0.003 min  
Lab File: BG062680.D  
Acq: 6 Sep 2024 14:12

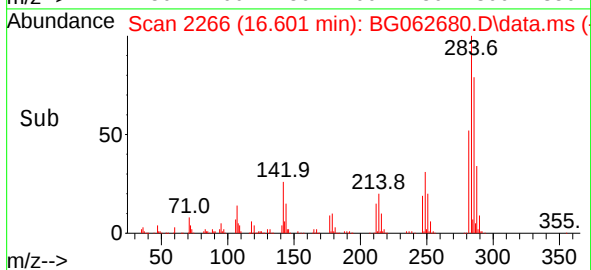
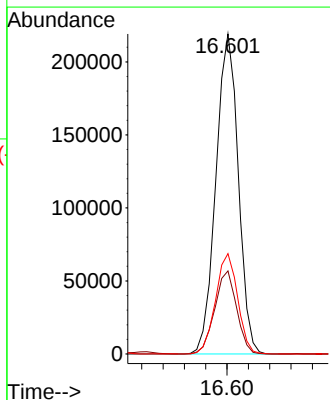
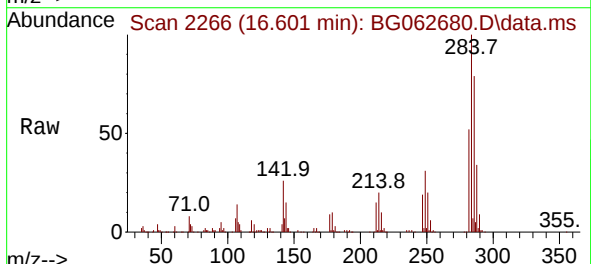
Instrument :  
BNA\_G  
ClientSampleId :  
PB163179BS

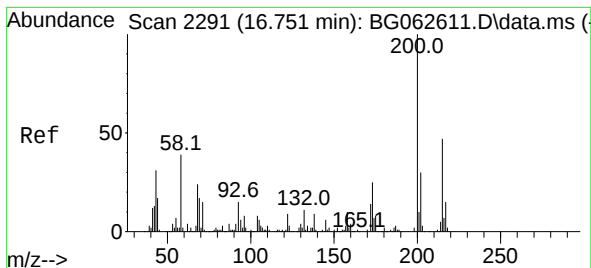
Tgt Ion:248 Resp: 268813  
Ion Ratio Lower Upper  
248 100  
250 101.2 77.9 116.9  
141 55.3 50.2 75.2



#68  
Hexachlorobenzene  
Concen: 42.373 ng  
RT: 16.601 min Scan# 2266  
Delta R.T. 0.003 min  
Lab File: BG062680.D  
Acq: 6 Sep 2024 14:12

Tgt Ion:284 Resp: 318432  
Ion Ratio Lower Upper  
284 100  
142 25.9 23.5 35.3  
249 31.4 25.4 38.0





#69

Atrazine

Concen: 46.212 ng

RT: 16.754 min Scan# 21

Delta R.T. 0.003 min

Lab File: BG062680.D

Acq: 6 Sep 2024 14:12

Instrument :

BNA\_G

ClientSampleId :

PB163179BS

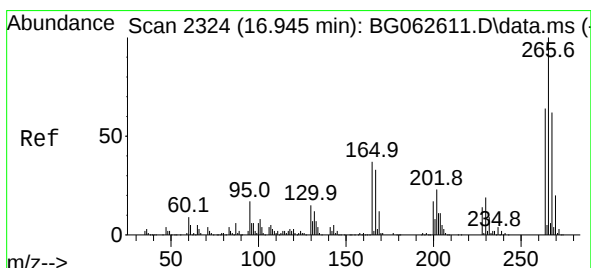
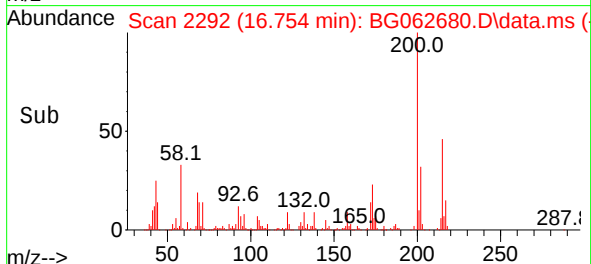
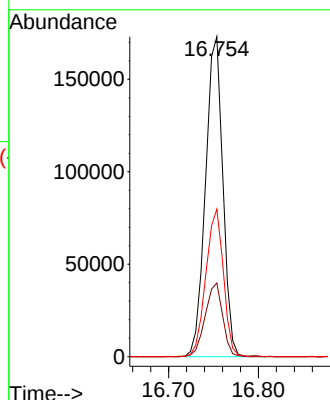
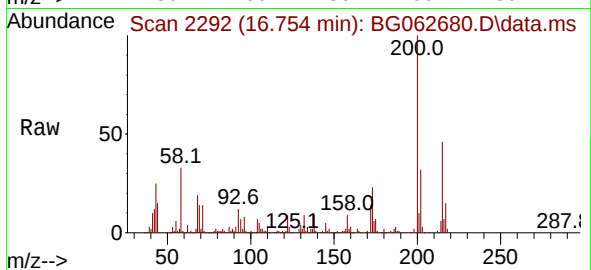
Tgt Ion:200 Resp: 232026

Ion Ratio Lower Upper

200 100

173 23.1 5.2 45.2

215 46.1 27.3 67.3



#70

Pentachlorophenol

Concen: 87.806 ng

RT: 16.942 min Scan# 2324

Delta R.T. -0.003 min

Lab File: BG062680.D

Acq: 6 Sep 2024 14:12

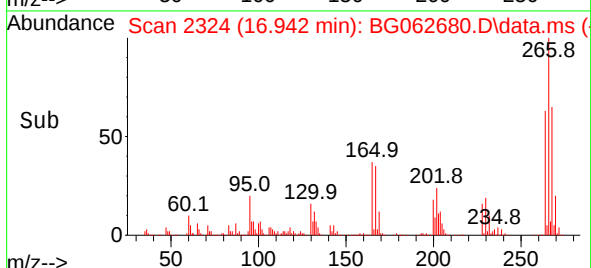
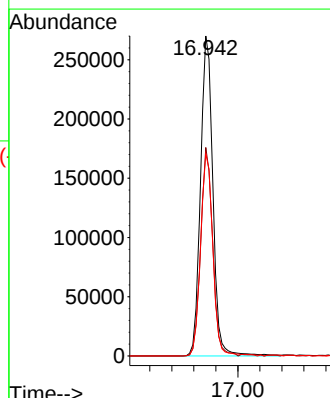
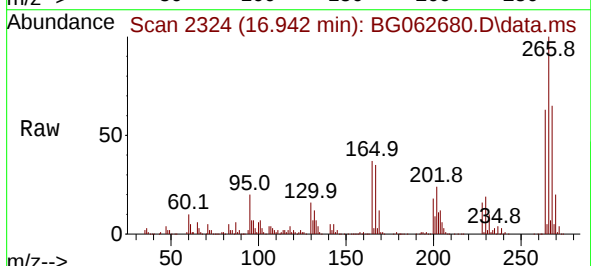
Tgt Ion:266 Resp: 422638

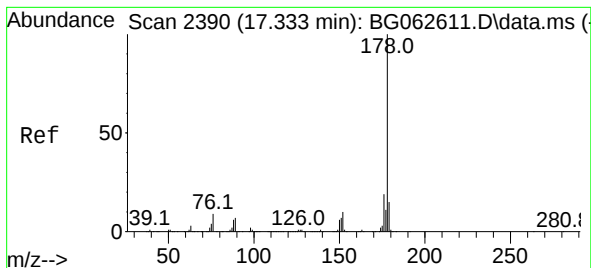
Ion Ratio Lower Upper

266 100

268 65.2 52.6 79.0

264 63.2 51.6 77.4

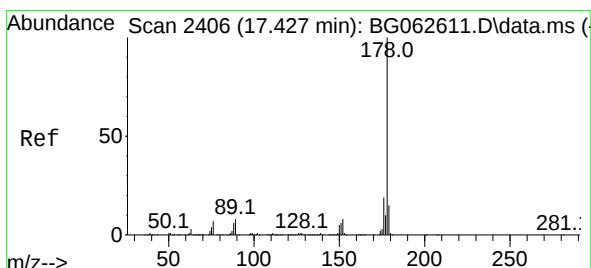
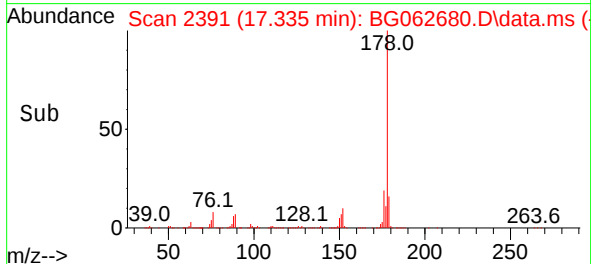
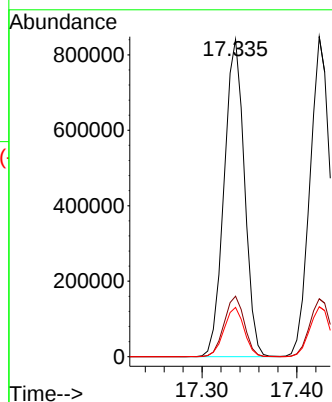
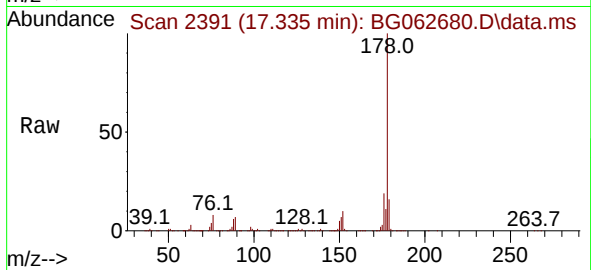




#71  
Phenanthrene  
Concen: 43.657 ng  
RT: 17.335 min Scan# 2390  
Delta R.T. 0.003 min  
Lab File: BG062680.D  
Acq: 6 Sep 2024 14:12

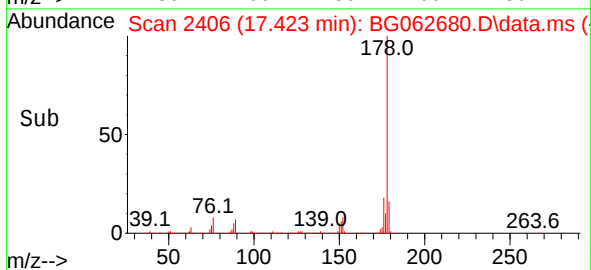
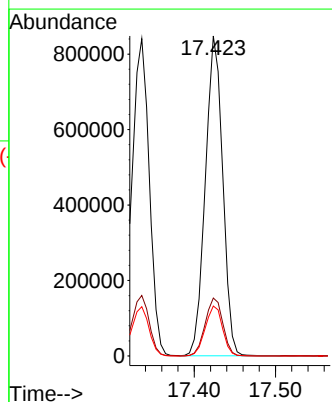
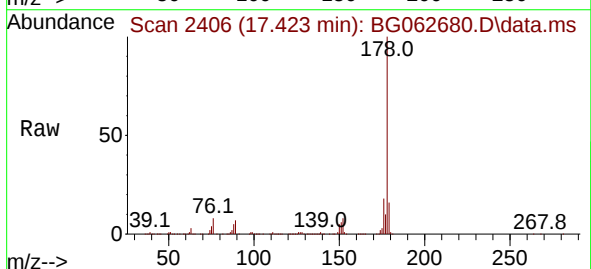
Instrument :  
BNA\_G  
ClientSampleId :  
PB163179BS

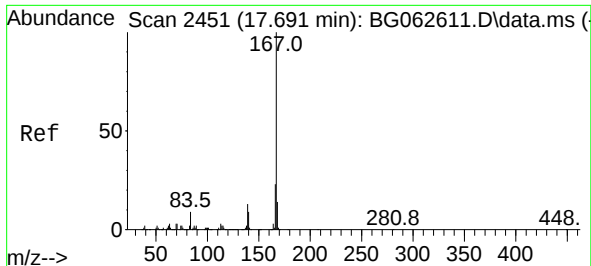
Tgt Ion:178 Resp: 1252897  
Ion Ratio Lower Upper  
178 100  
176 19.1 15.4 23.0  
179 15.6 12.2 18.4



#72  
Anthracene  
Concen: 44.489 ng  
RT: 17.423 min Scan# 2406  
Delta R.T. -0.003 min  
Lab File: BG062680.D  
Acq: 6 Sep 2024 14:12

Tgt Ion:178 Resp: 1255350  
Ion Ratio Lower Upper  
178 100  
176 18.1 15.2 22.8  
179 15.6 12.0 18.0

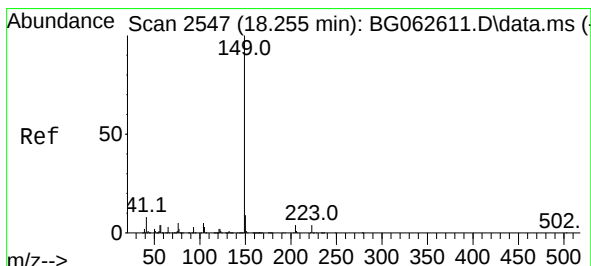
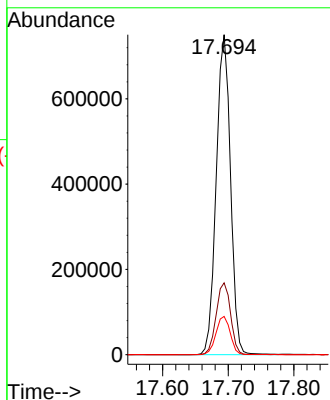
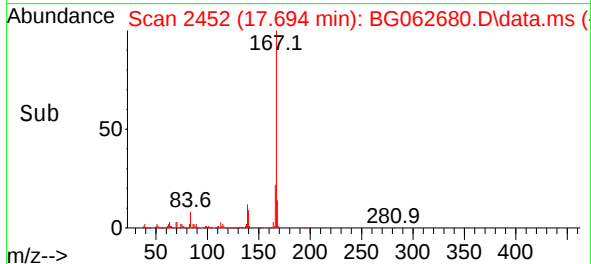
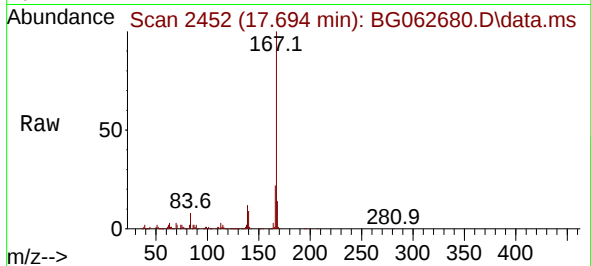




#73  
Carbazole  
Concen: 43.404 ng  
RT: 17.694 min Scan# 2451  
Delta R.T. 0.003 min  
Lab File: BG062680.D  
Acq: 6 Sep 2024 14:12

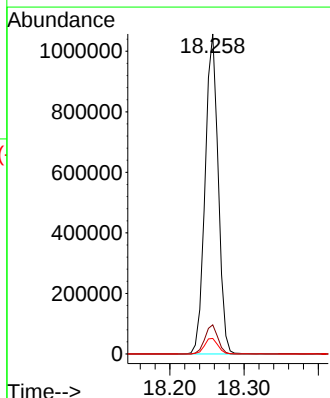
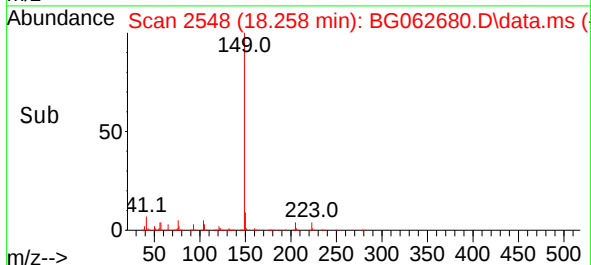
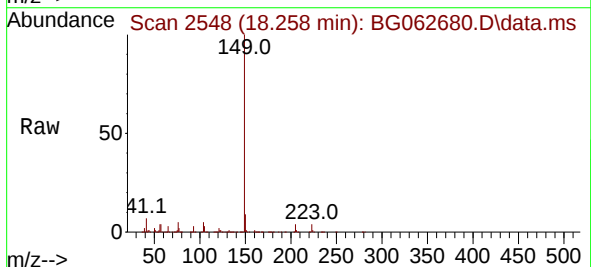
Instrument :  
BNA\_G  
ClientSampleId :  
PB163179BS

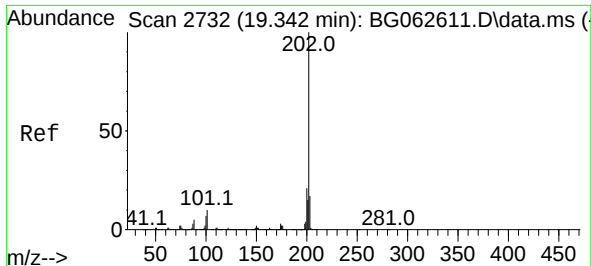
Tgt Ion:167 Resp: 1125888  
Ion Ratio Lower Upper  
167 100  
166 22.5 18.2 27.2  
139 12.0 10.1 15.1



#74  
Di-n-butylphthalate  
Concen: 44.389 ng  
RT: 18.258 min Scan# 2548  
Delta R.T. 0.003 min  
Lab File: BG062680.D  
Acq: 6 Sep 2024 14:12

Tgt Ion:149 Resp: 1298531  
Ion Ratio Lower Upper  
149 100  
150 9.1 7.3 10.9  
104 4.9 4.2 6.2

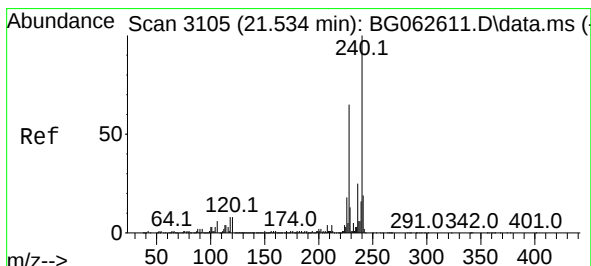
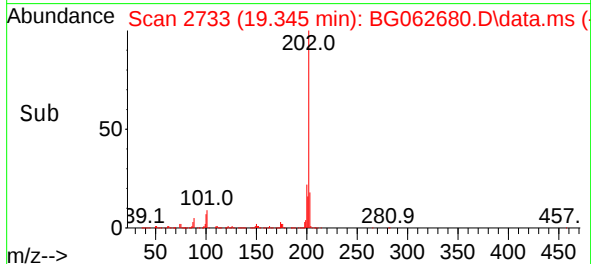
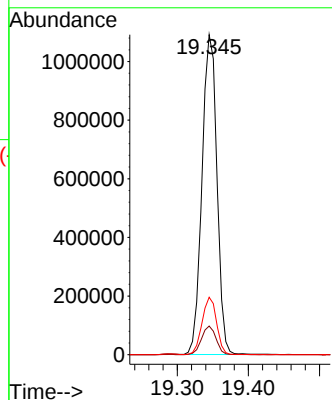
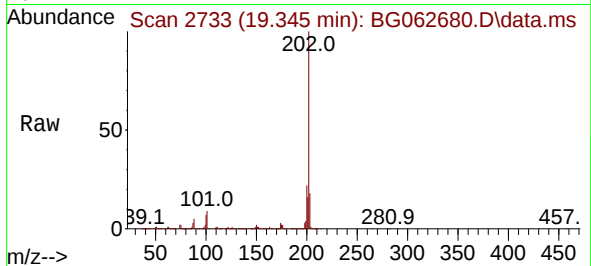




#75  
Fluoranthene  
Concen: 44.083 ng  
RT: 19.345 min Scan# 21  
Delta R.T. 0.003 min  
Lab File: BG062680.D  
Acq: 6 Sep 2024 14:12

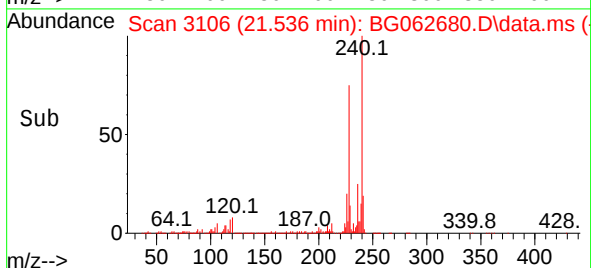
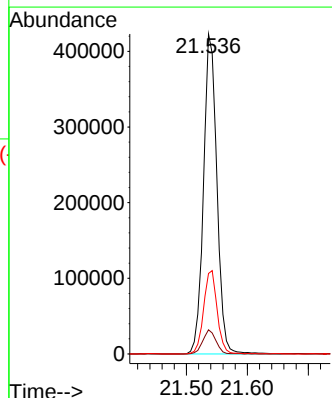
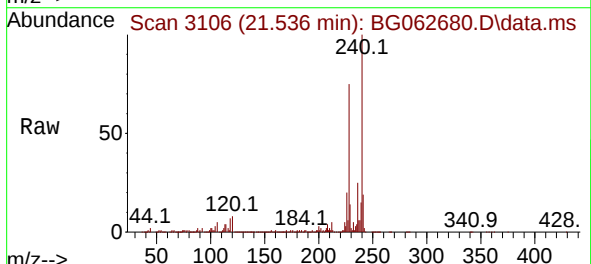
Instrument :  
BNA\_G  
ClientSampleId :  
PB163179BS

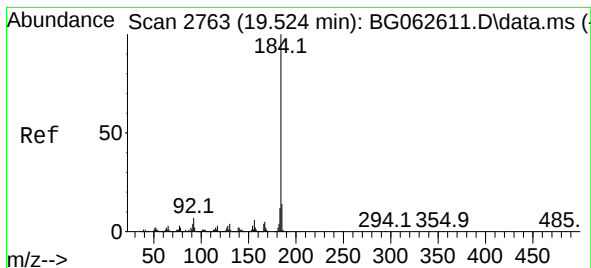
Tgt Ion:202 Resp: 1600040  
Ion Ratio Lower Upper  
202 100  
101 8.9 0.0 29.6  
203 18.0 0.0 37.4



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.536 min Scan# 3106  
Delta R.T. 0.003 min  
Lab File: BG062680.D  
Acq: 6 Sep 2024 14:12

Tgt Ion:240 Resp: 646272  
Ion Ratio Lower Upper  
240 100  
120 7.5 6.6 9.8  
236 25.1 20.2 30.4





#77

Benzidine

Concen: 11.853 ng

RT: 19.527 min Scan# 21

Delta R.T. 0.003 min

Lab File: BG062680.D

Acq: 6 Sep 2024 14:12

Instrument :

BNA\_G

ClientSampleId :

PB163179BS

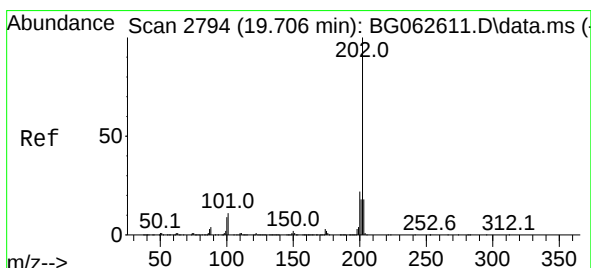
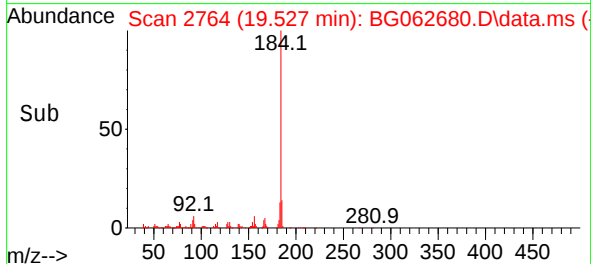
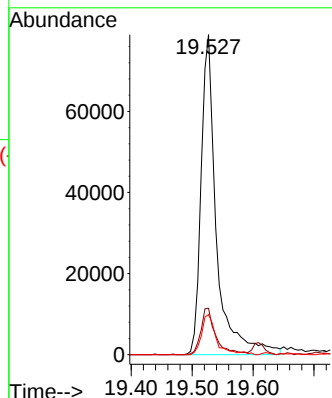
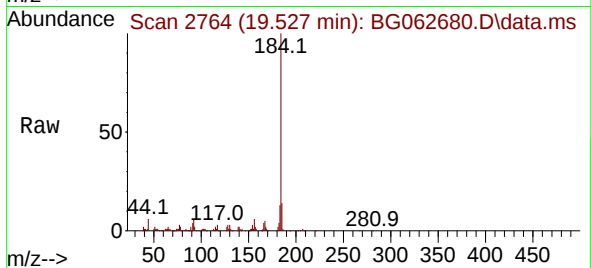
Tgt Ion:184 Resp: 138063

Ion Ratio Lower Upper

184 100

185 14.5 11.0 16.6

183 12.5 9.7 14.5



#78

Pyrene

Concen: 40.376 ng

RT: 19.709 min Scan# 2795

Delta R.T. 0.003 min

Lab File: BG062680.D

Acq: 6 Sep 2024 14:12

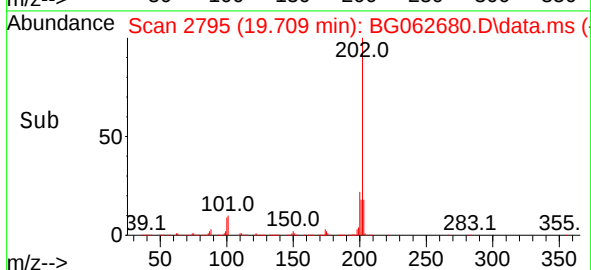
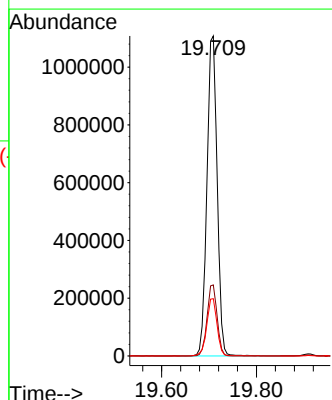
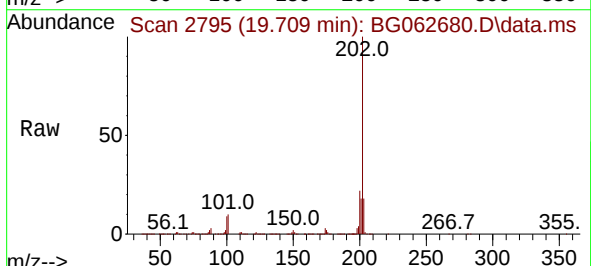
Tgt Ion:202 Resp: 1658682

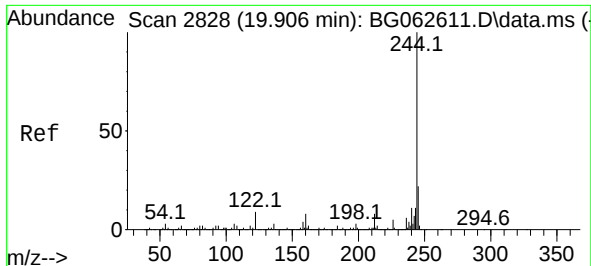
Ion Ratio Lower Upper

202 100

200 22.2 17.4 26.2

203 17.9 14.1 21.1





#79

Terphenyl-d14

Concen: 81.478 ng

RT: 19.909 min Scan# 2

Delta R.T. 0.003 min

Lab File: BG062680.D

Acq: 6 Sep 2024 14:12

Instrument :

BNA\_G

ClientSampleId :

PB163179BS

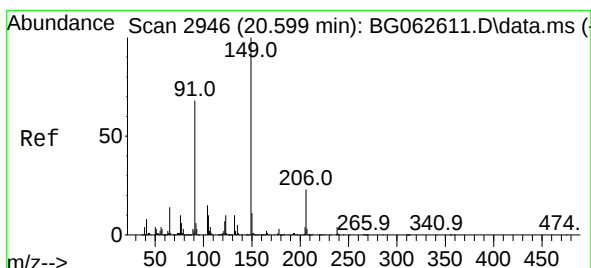
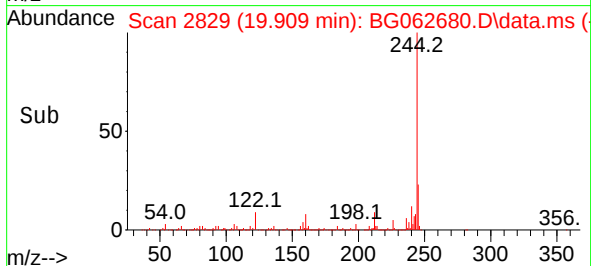
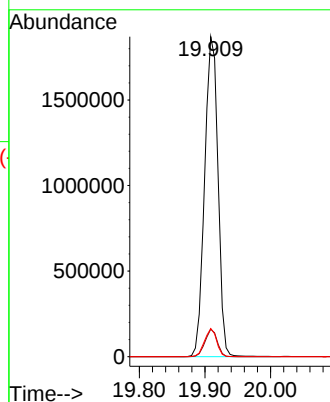
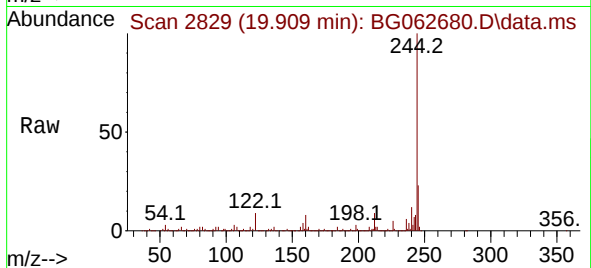
Tgt Ion:244 Resp: 2655623

Ion Ratio Lower Upper

244 100

212 8.6 6.6 10.0

122 8.8 7.2 10.8



#80

Butylbenzylphthalate

Concen: 44.998 ng

RT: 20.602 min Scan# 2947

Delta R.T. 0.003 min

Lab File: BG062680.D

Acq: 6 Sep 2024 14:12

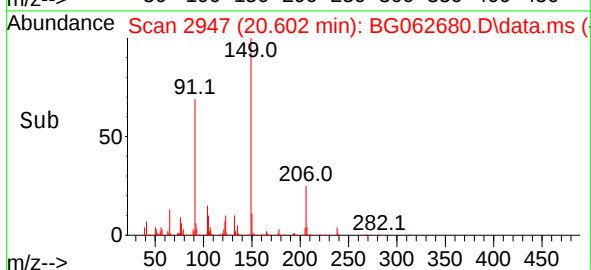
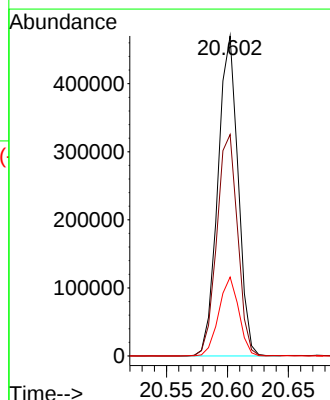
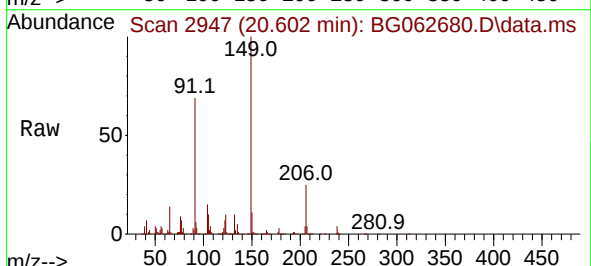
Tgt Ion:149 Resp: 542973

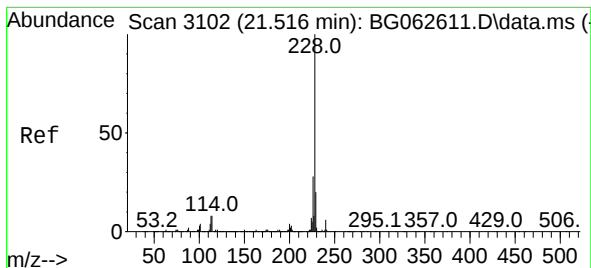
Ion Ratio Lower Upper

149 100

91 69.2 54.6 81.8

206 24.6 18.4 27.6





#81

Benzo(a)anthracene

Concen: 43.789 ng

RT: 21.519 min Scan# 3102

Delta R.T. 0.003 min

Lab File: BG062680.D

Acq: 6 Sep 2024 14:12

Instrument :

BNA\_G

ClientSampleId :

PB163179BS

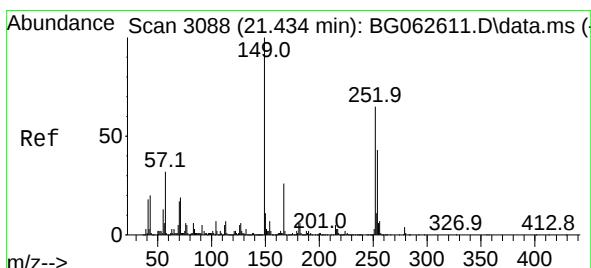
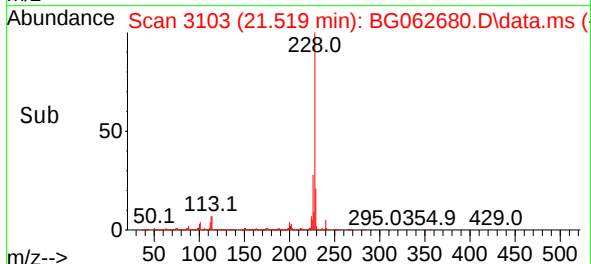
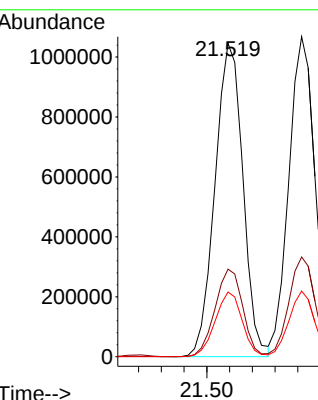
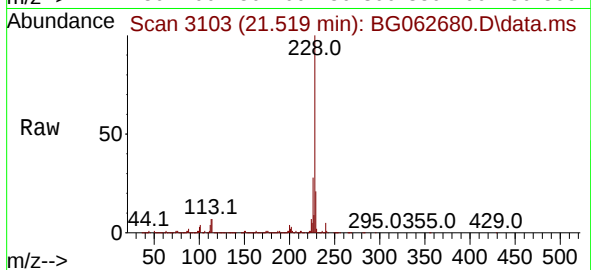
Tgt Ion:228 Resp: 1784919

Ion Ratio Lower Upper

228 100

226 27.9 22.3 33.5

229 20.6 16.2 24.2



#82

3,3'-Dichlorobenzidine

Concen: 36.645 ng

RT: 21.436 min Scan# 3089

Delta R.T. 0.003 min

Lab File: BG062680.D

Acq: 6 Sep 2024 14:12

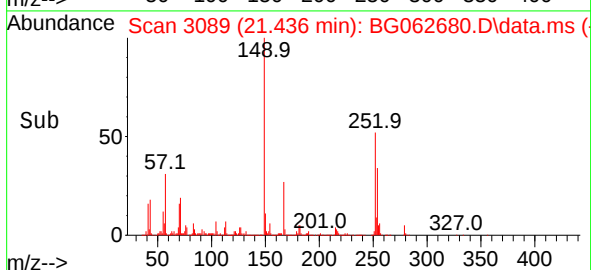
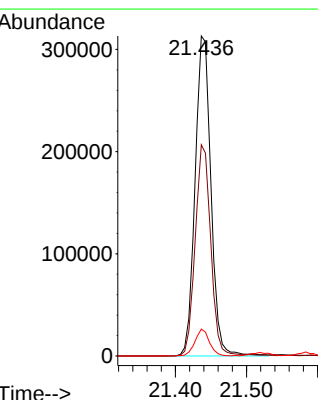
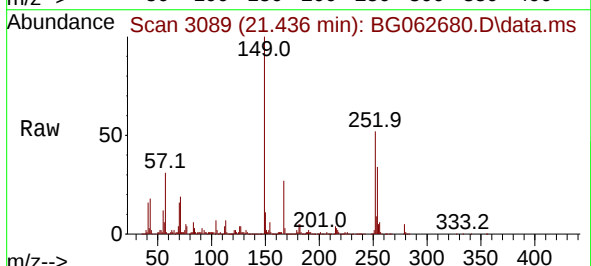
Tgt Ion:252 Resp: 486602

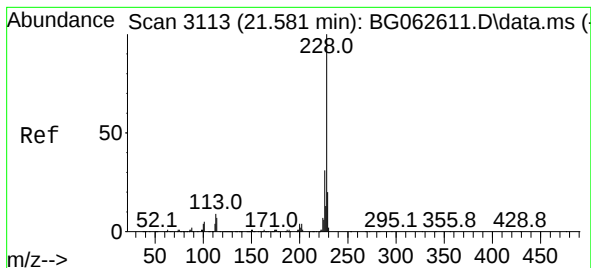
Ion Ratio Lower Upper

252 100

254 66.0 52.2 78.2

126 8.4 6.7 10.1





#83

Chrysene

Concen: 43.517 ng

RT: 21.583 min Scan# 3113

Delta R.T. 0.003 min

Lab File: BG062680.D

Acq: 6 Sep 2024 14:12

Instrument :

BNA\_G

ClientSampleId :

PB163179BS

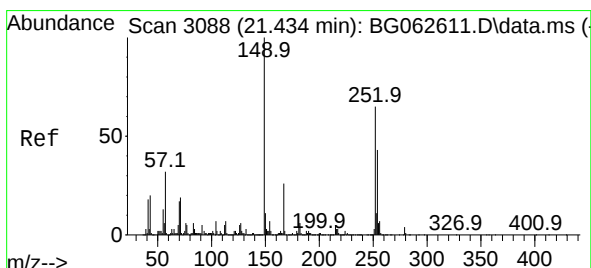
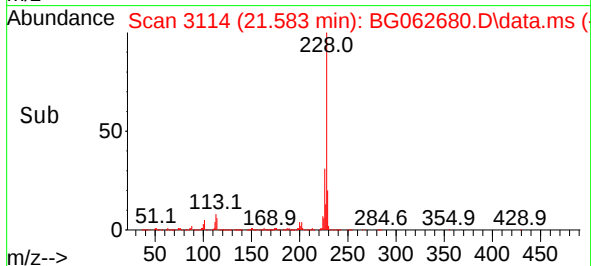
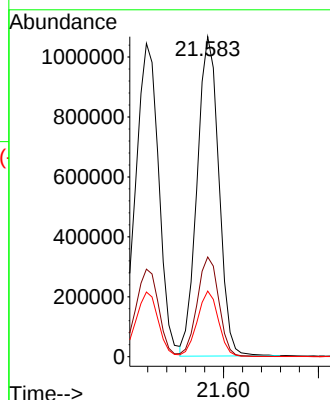
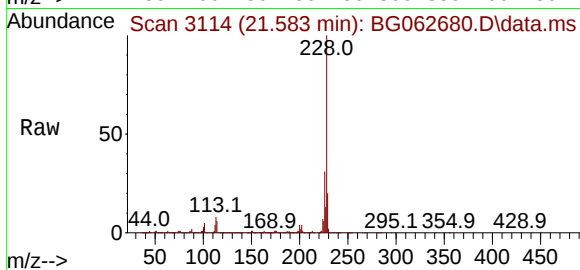
Tgt Ion:228 Resp: 1699077

Ion Ratio Lower Upper

228 100

226 31.2 24.9 37.3

229 20.5 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.637 ng

RT: 21.436 min Scan# 3089

Delta R.T. 0.003 min

Lab File: BG062680.D

Acq: 6 Sep 2024 14:12

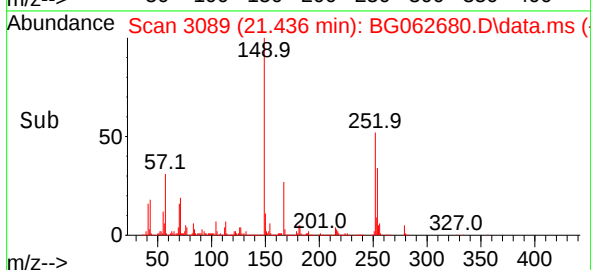
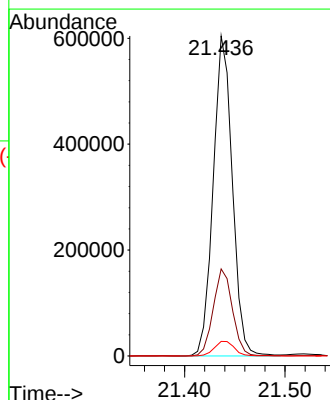
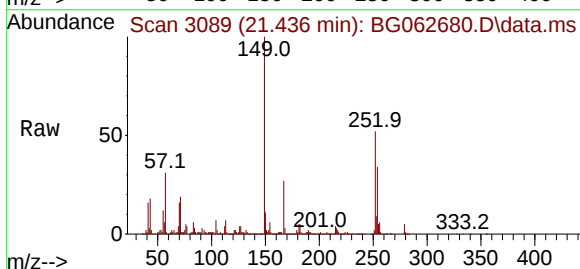
Tgt Ion:149 Resp: 799940

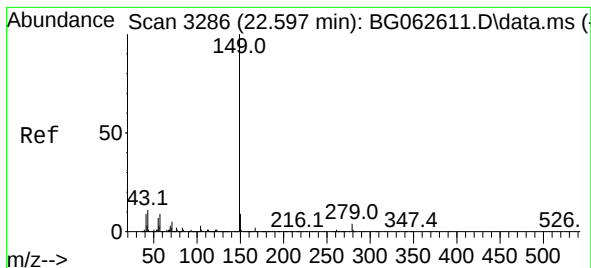
Ion Ratio Lower Upper

149 100

167 27.2 20.5 30.7

279 4.5 3.1 4.7





#85

Di-n-octyl phthalate

Concen: 43.390 ng

RT: 22.600 min Scan# 31

Delta R.T. 0.003 min

Lab File: BG062680.D

Acq: 6 Sep 2024 14:12

Instrument :

BNA\_G

ClientSampleId :

PB163179BS

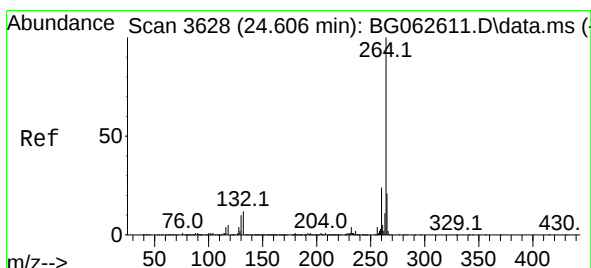
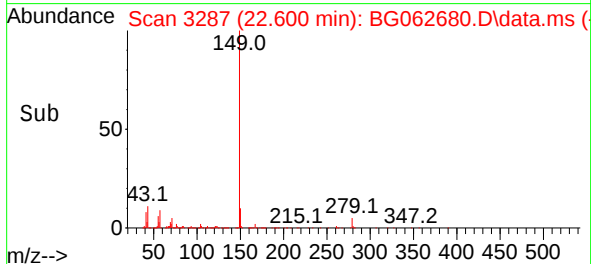
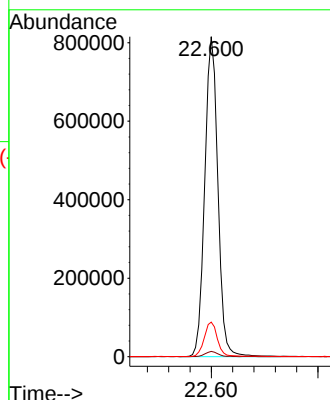
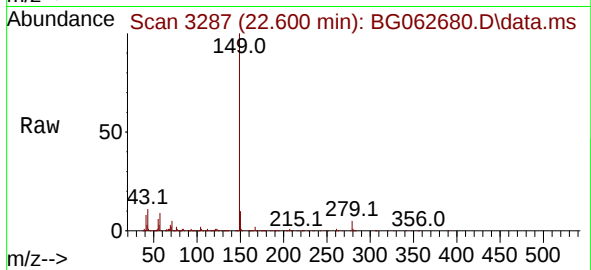
Tgt Ion:149 Resp: 1392692

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

43 10.9 8.8 13.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.609 min Scan# 3629

Delta R.T. 0.003 min

Lab File: BG062680.D

Acq: 6 Sep 2024 14:12

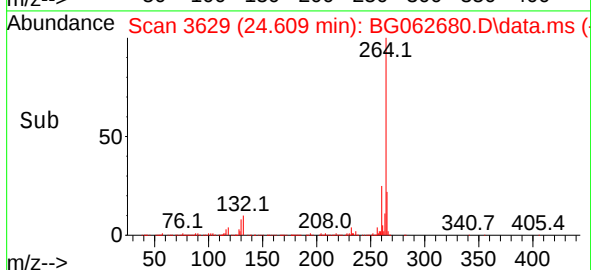
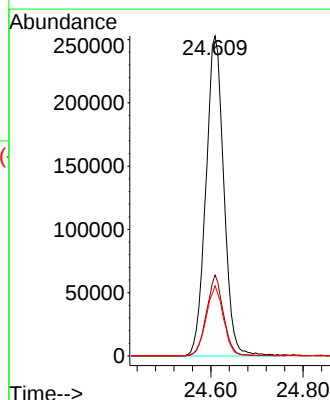
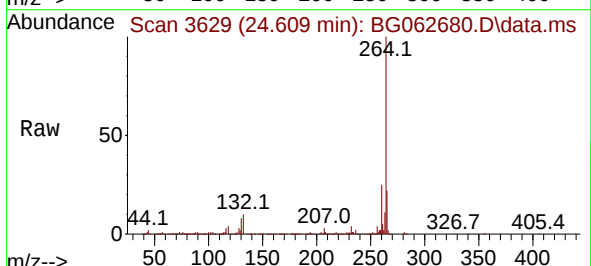
Tgt Ion:264 Resp: 684352

Ion Ratio Lower Upper

264 100

260 25.3 19.0 28.4

265 21.9 17.3 25.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 49.475 ng

RT: 28.087 min Scan# 4218

Delta R.T. 0.015 min

Lab File: BG062680.D

Acq: 6 Sep 2024 14:12

Instrument :

BNA\_G

ClientSampleId :

PB163179BS

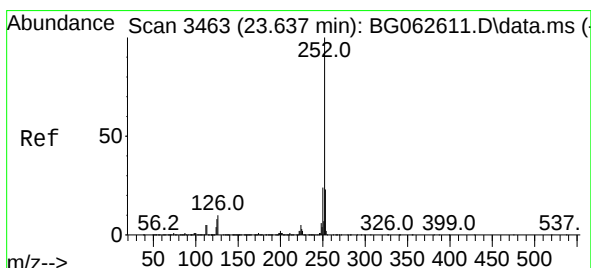
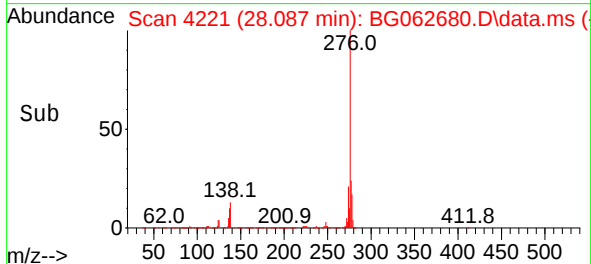
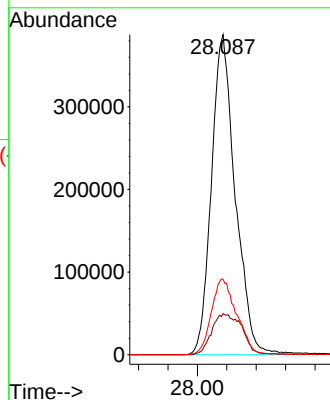
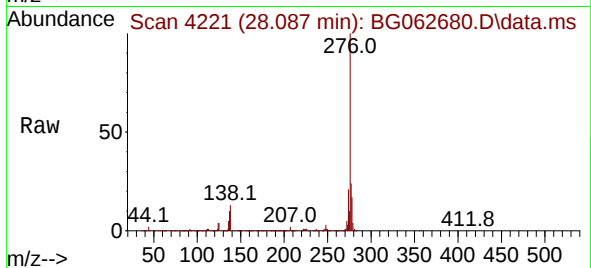
Tgt Ion:276 Resp: 2171046

Ion Ratio Lower Upper

276 100

138 16.1 14.9 22.3

277 25.3 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 47.695 ng

RT: 23.640 min Scan# 3464

Delta R.T. 0.003 min

Lab File: BG062680.D

Acq: 6 Sep 2024 14:12

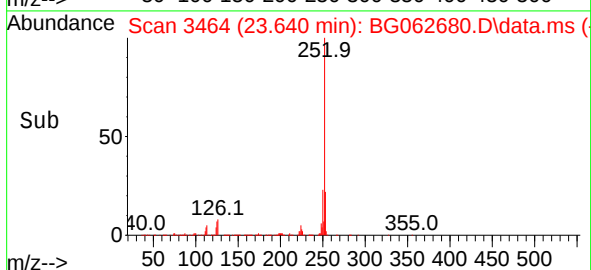
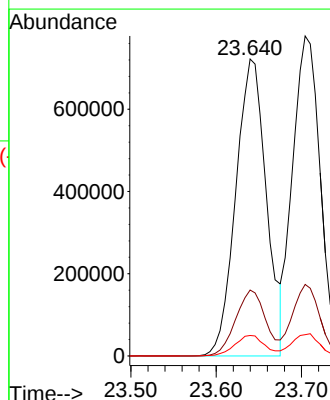
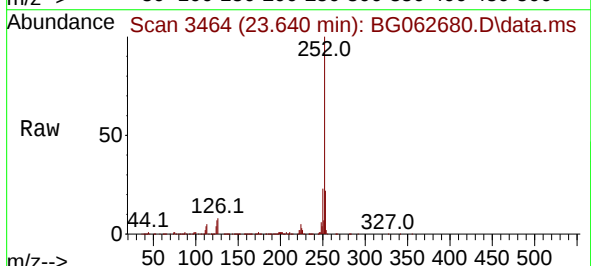
Tgt Ion:252 Resp: 1802839

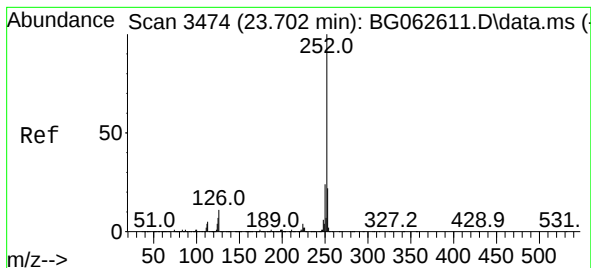
Ion Ratio Lower Upper

252 100

253 22.2 18.2 27.2

125 6.9 6.2 9.2





#89

Benzo(k)fluoranthene

Concen: 47.847 ng

RT: 23.704 min Scan# 3474

Delta R.T. 0.003 min

Lab File: BG062680.D

Acq: 6 Sep 2024 14:12

Instrument :

BNA\_G

ClientSampleId :

PB163179BS

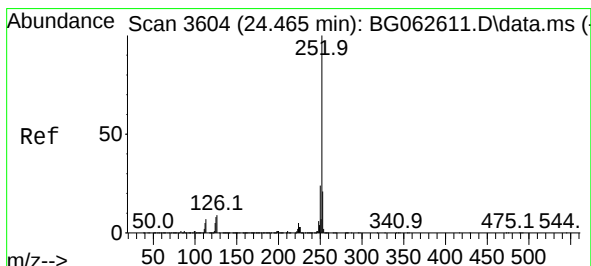
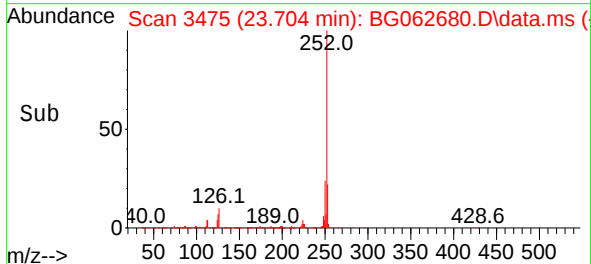
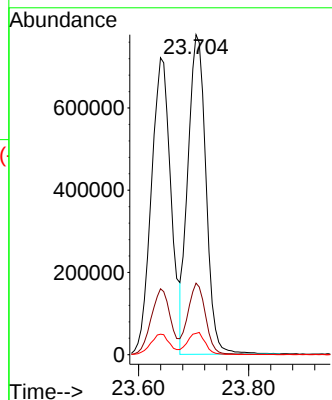
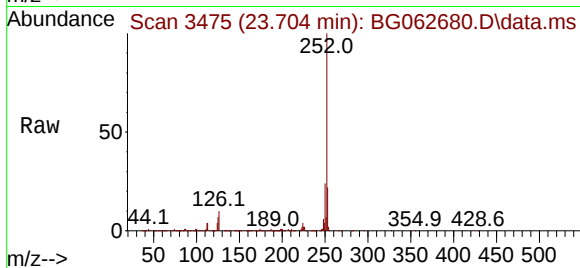
Tgt Ion:252 Resp: 1769154

Ion Ratio Lower Upper

252 100

253 22.3 17.8 26.8

125 6.7 6.1 9.1



#90

Benzo(a)pyrene

Concen: 49.196 ng

RT: 24.468 min Scan# 3605

Delta R.T. 0.003 min

Lab File: BG062680.D

Acq: 6 Sep 2024 14:12

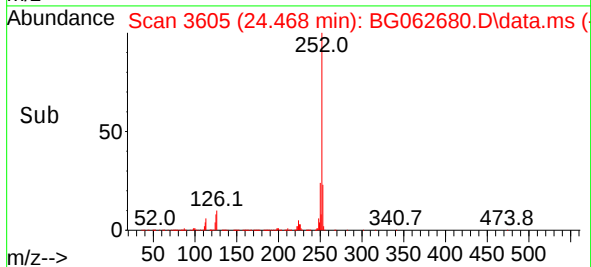
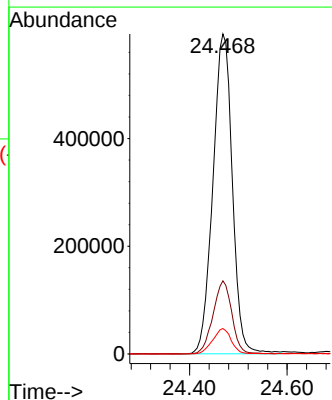
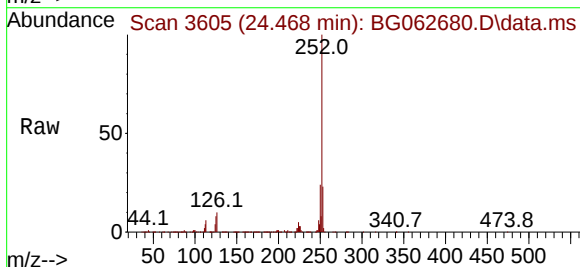
Tgt Ion:252 Resp: 1642835

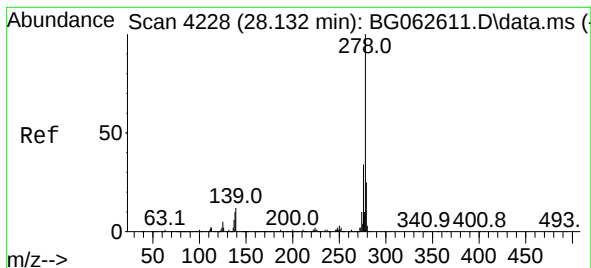
Ion Ratio Lower Upper

252 100

253 22.9 17.1 25.7

125 8.0 6.6 10.0





#91

Dibenzo(a,h)anthracene

Concen: 49.911 ng

RT: 28.146 min Scan# 41

Delta R.T. 0.015 min

Lab File: BG062680.D

Acq: 6 Sep 2024 14:12

Instrument :

BNA\_G

ClientSampleId :

PB163179BS

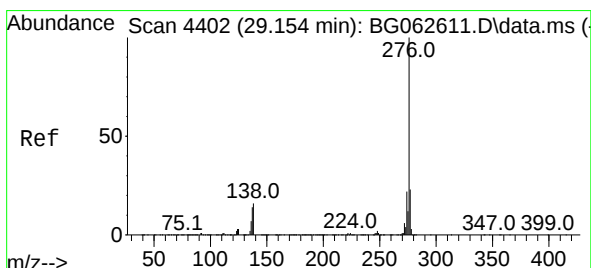
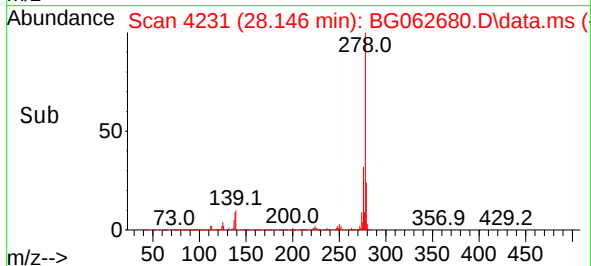
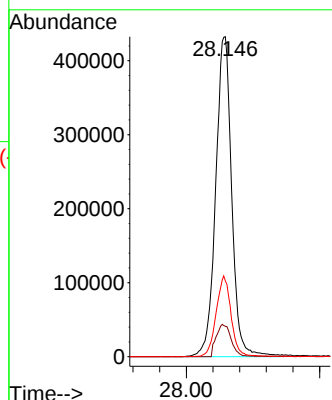
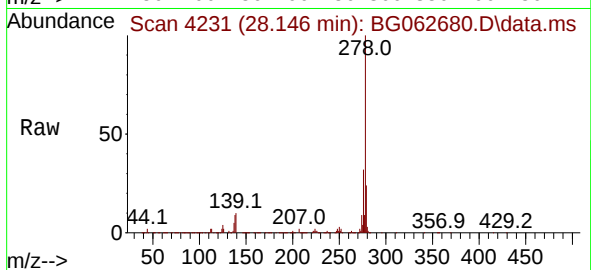
Tgt Ion:278 Resp: 1804231

Ion Ratio Lower Upper

278 100

139 9.5 9.2 13.8

279 23.7 19.7 29.5



#92

Benzo(g,h,i)perylene

Concen: 46.515 ng

RT: 29.169 min Scan# 4405

Delta R.T. 0.014 min

Lab File: BG062680.D

Acq: 6 Sep 2024 14:12

Tgt Ion:276 Resp: 1695534

Ion Ratio Lower Upper

276 100

277 23.7 18.8 28.2

138 14.5 12.7 19.1

