

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG051524\  
 Data File : BG061211.D  
 Acq On : 15 May 2024 18:24  
 Operator : MA/JU  
 Sample : P2468-01MS  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 WC-MH-IIMS

Quant Time: May 16 01:14:07 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG043024.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed May 01 05:11:25 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.929  | 152  | 27946    | 20.000  | ng    | -0.03    |
| 21) Naphthalene-d8            | 10.726 | 136  | 108132   | 20.000  | ng    | #-0.03   |
| 39) Acenaphthene-d10          | 14.557 | 164  | 82617    | 20.000  | ng    | -0.03    |
| 64) Phenanthrene-d10          | 17.306 | 188  | 187682   | 20.000  | ng    | #-0.03   |
| 76) Chrysene-d12              | 21.572 | 240  | 190818   | 20.000  | ng    | -0.02    |
| 86) Perylene-d12              | 24.686 | 264  | 231045   | 20.000  | ng    | -0.04    |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.526  | 112  | 176150   | 128.191 | ng    | -0.02    |
| 7) Phenol-d6                  | 7.112  | 99   | 238626   | 117.390 | ng    | -0.02    |
| 23) Nitrobenzene-d5           | 9.086  | 82   | 173348   | 79.470  | ng    | -0.03    |
| 42) 2,4,6-Tribromophenol      | 16.055 | 330  | 177069   | 107.226 | ng    | -0.02    |
| 45) 2-Fluorobiphenyl          | 13.182 | 172  | 436334   | 78.097  | ng    | -0.03    |
| 79) Terphenyl-d14             | 19.927 | 244  | 796689   | 69.438  | ng    | -0.03    |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.434  | 88   | 17556    | 31.598  | ng    | 93       |
| 3) Pyridine                   | 3.822  | 79   | 47656    | 29.149  | ng    | 96       |
| 4) n-Nitrosodimethylamine     | 3.740  | 42   | 54626    | 34.776  | ng    | 100      |
| 6) Aniline                    | 7.253  | 93   | 33613    | 16.680  | ng    | # 86     |
| 8) 2-Chlorophenol             | 7.500  | 128  | 76263    | 45.238  | ng    | 98       |
| 9) Benzaldehyde               | 7.071  | 77   | 19003    | 14.771  | ng    | 97       |
| 10) Phenol                    | 7.136  | 94   | 91976    | 44.493  | ng    | 95       |
| 11) bis(2-Chloroethyl)ether   | 7.353  | 93   | 61025    | 42.732  | ng    | 99       |
| 12) 1,3-Dichlorobenzene       | 7.817  | 146  | 81951    | 41.236  | ng    | 93       |
| 13) 1,4-Dichlorobenzene       | 7.964  | 146  | 85301    | 41.529  | ng    | 95       |
| 14) 1,2-Dichlorobenzene       | 8.282  | 146  | 83042    | 41.904  | ng    | 97       |
| 15) Benzyl Alcohol            | 8.164  | 79   | 77344    | 42.179  | ng    | 99       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.446  | 45   | 145173   | 46.848  | ng    | 98       |
| 17) 2-Methylphenol            | 8.381  | 107  | 63551    | 43.139  | ng    | 98       |
| 18) Hexachloroethane          | 9.004  | 117  | 31232    | 42.613  | ng    | 93       |
| 19) n-Nitroso-di-n-propyla... | 8.734  | 70   | 56986    | 37.460  | ng    | 90       |
| 20) 3+4-Methylphenols         | 8.705  | 107  | 85231    | 40.101  | ng    | 98       |
| 22) Acetophenone              | 8.746  | 105  | 119178   | 44.256  | ng    | 98       |
| 24) Nitrobenzene              | 9.128  | 77   | 94223    | 44.155  | ng    | 97       |
| 25) Isophorone                | 9.650  | 82   | 161590   | 40.075  | ng    | 98       |
| 26) 2-Nitrophenol             | 9.839  | 139  | 44037    | 43.557  | ng    | 95       |
| 27) 2,4-Dimethylphenol        | 9.903  | 122  | 56582    | 48.543  | ng    | 98       |
| 28) bis(2-Chloroethoxy)met... | 10.132 | 93   | 87013    | 43.970  | ng    | 97       |
| 29) 2,4-Dichlorophenol        | 10.379 | 162  | 83159    | 45.534  | ng    | 89       |
| 30) 1,2,4-Trichlorobenzene    | 10.591 | 180  | 98624    | 44.817  | ng    | 98       |
| 31) Naphthalene               | 10.773 | 128  | 243253   | 43.285  | ng    | 98       |
| 32) Benzoic acid              | 10.074 | 122  | 27456    | 20.376  | ng    | # 85     |
| 33) 4-Chloroaniline           | 10.884 | 127  | 27852    | 12.427  | ng    | 94       |
| 34) Hexachlorobutadiene       | 11.061 | 225  | 82224    | 43.547  | ng    | 95       |
| 35) Caprolactam               | 11.666 | 113  | 20427    | 31.058  | ng    | # 86     |
| 36) 4-Chloro-3-methylphenol   | 12.024 | 107  | 88980    | 40.404  | ng    | 96       |
| 37) 2-Methylnaphthalene       | 12.383 | 142  | 171880   | 40.814  | ng    | 99       |
| 38) 1-Methylnaphthalene       | 12.600 | 142  | 160667   | 37.897  | ng    | 97       |
| 40) 1,2,4,5-Tetrachloroben... | 12.753 | 216  | 141315   | 51.253  | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 12.729 | 237  | 61046    | 57.837  | ng    | 90       |
| 43) 2,4,6-Trichlorophenol     | 13.000 | 196  | 80184    | 45.298  | ng    | 98       |

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 Sample : P2468-01MS  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 WC-MH-IIMS

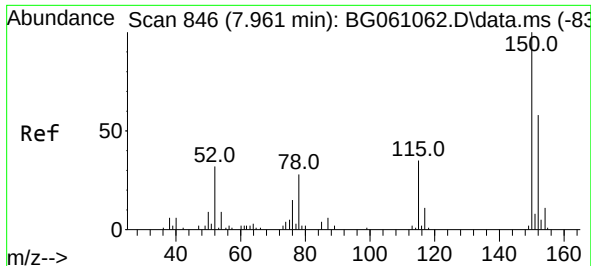
Quant Time: May 16 01:14:07 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG043024.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed May 01 05:11:25 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 13.076 | 196  | 87158    | 43.505 | ng    | 96       |
| 46) 1,1'-Biphenyl             | 13.393 | 154  | 252503   | 47.667 | ng    | 97       |
| 47) 2-Chloronaphthalene       | 13.434 | 162  | 194824   | 45.930 | ng    | 98       |
| 48) 2-Nitroaniline            | 13.640 | 65   | 72157    | 45.842 | ng    | 94       |
| 49) Acenaphthylene            | 14.280 | 152  | 320664   | 49.220 | ng    | 98       |
| 50) Dimethylphthalate         | 14.016 | 163  | 262296   | 41.104 | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 14.139 | 165  | 56067    | 41.077 | ng    | 93       |
| 52) Acenaphthene              | 14.627 | 154  | 178270   | 43.864 | ng    | 97       |
| 53) 3-Nitroaniline            | 14.468 | 138  | 32715    | 26.195 | ng    | 99       |
| 54) 2,4-Dinitrophenol         | 14.680 | 184  | 38690    | 41.092 | ng    | 98       |
| 55) Dibenzofuran              | 14.962 | 168  | 303866   | 44.265 | ng    | 97       |
| 56) 4-Nitrophenol             | 14.797 | 139  | 71991    | 71.327 | ng    | 97       |
| 57) 2,4-Dinitrotoluene        | 14.933 | 165  | 79439    | 39.338 | ng    | 96       |
| 58) Fluorene                  | 15.608 | 166  | 252245   | 42.464 | ng    | 94       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.109 | 232  | 79986    | 38.785 | ng    | 95       |
| 60) Diethylphthalate          | 15.379 | 149  | 252773   | 39.281 | ng    | 100      |
| 61) 4-Chlorophenyl-phenyle... | 15.602 | 204  | 151189   | 42.388 | ng    | 98       |
| 62) 4-Nitroaniline            | 15.632 | 138  | 50172    | 37.040 | ng    | 92       |
| 63) Azobenzene                | 15.896 | 77   | 220933   | 44.104 | ng    | 98       |
| 65) 4,6-Dinitro-2-methylph... | 15.696 | 198  | 34804    | 29.888 | ng    | 94       |
| 66) n-Nitrosodiphenylamine    | 15.820 | 169  | 223751   | 48.075 | ng    | 97       |
| 67) 4-Bromophenyl-phenylether | 16.495 | 248  | 108319   | 48.993 | ng    | 96       |
| 68) Hexachlorobenzene         | 16.619 | 284  | 126429   | 45.944 | ng    | 99       |
| 69) Atrazine                  | 16.772 | 200  | 96590    | 50.323 | ng    | 95       |
| 70) Pentachlorophenol         | 16.965 | 266  | 115429   | 68.277 | ng    | 98       |
| 71) Phenanthrene              | 17.353 | 178  | 418622   | 48.781 | ng    | 99       |
| 72) Anthracene                | 17.441 | 178  | 412582   | 48.182 | ng    | 99       |
| 73) Carbazole                 | 17.712 | 167  | 341775   | 45.395 | ng    | 99       |
| 74) Di-n-butylphthalate       | 18.270 | 149  | 403261   | 45.044 | ng    | 100      |
| 75) Fluoranthene              | 19.363 | 202  | 534982   | 45.505 | ng    | 100      |
| 77) Benzidine                 | 19.545 | 184  | 147233   | 40.982 | ng    | 97       |
| 78) Pyrene                    | 19.727 | 202  | 559949   | 46.157 | ng    | 99       |
| 80) Butylbenzylphthalate      | 20.614 | 149  | 175767   | 45.771 | ng    | 99       |
| 81) Benzo(a)anthracene        | 21.548 | 228  | 587358   | 47.039 | ng    | 98       |
| 82) 3,3'-Dichlorobenzidine    | 21.466 | 252  | 134894   | 30.019 | ng    | 97       |
| 83) Chrysene                  | 21.613 | 228  | 548689   | 46.902 | ng    | 100      |
| 84) Bis(2-ethylhexyl)phtha... | 21.460 | 149  | 245548   | 48.967 | ng    | 99       |
| 85) Di-n-octyl phthalate      | 22.635 | 149  | 421711   | 47.666 | ng    | 100      |
| 87) Indeno(1,2,3-cd)pyrene    | 28.240 | 276  | 626455   | 40.913 | ng    | # 98     |
| 88) Benzo(b)fluoranthene      | 23.705 | 252  | 590035   | 45.701 | ng    | 98       |
| 89) Benzo(k)fluoranthene      | 23.769 | 252  | 564180   | 45.422 | ng    | 98       |
| 90) Benzo(a)pyrene            | 24.545 | 252  | 538731   | 47.895 | ng    | 98       |
| 91) Dibenzo(a,h)anthracene    | 28.305 | 278  | 532537   | 41.997 | ng    | # 96     |
| 92) Benzo(g,h,i)perylene      | 29.351 | 276  | 418902   | 33.244 | ng    | # 99     |

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

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QLast Update : Wed May 01 05:11:25 2024  
Response via : Initial Calibration

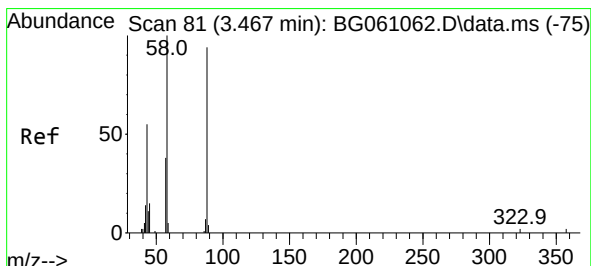
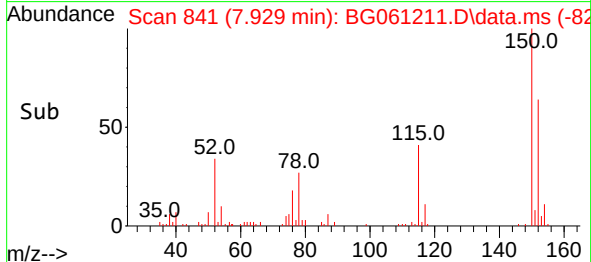
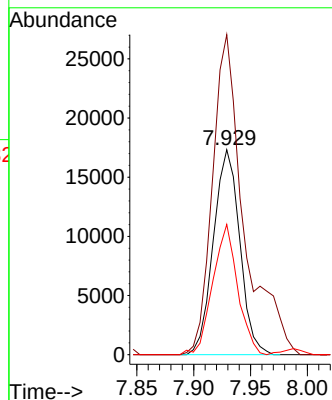
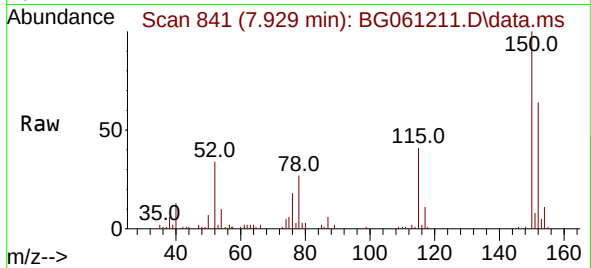




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 7.929 min Scan# 84  
 Delta R.T. -0.032 min  
 Lab File: BG061211.D  
 Acq: 15 May 2024 18:24

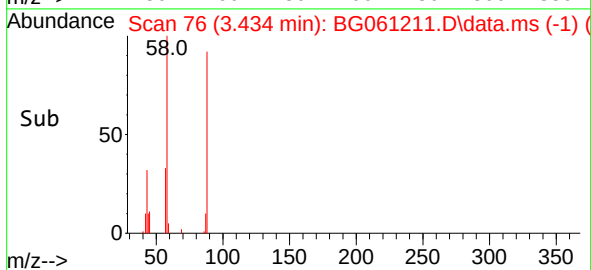
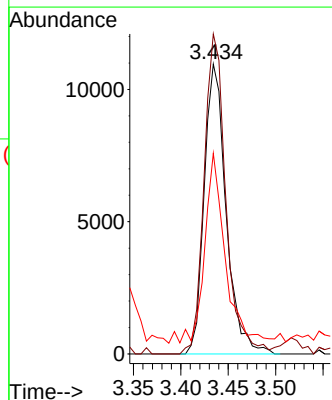
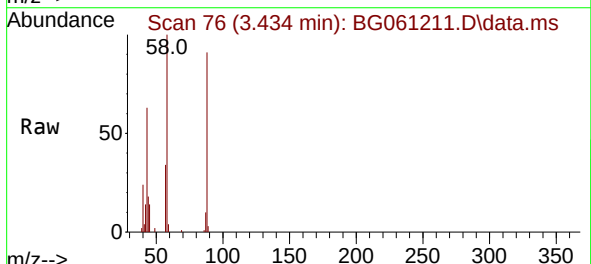
Instrument :  
 BNA\_G  
 ClientSampleId :  
 WC-MH-IIMS

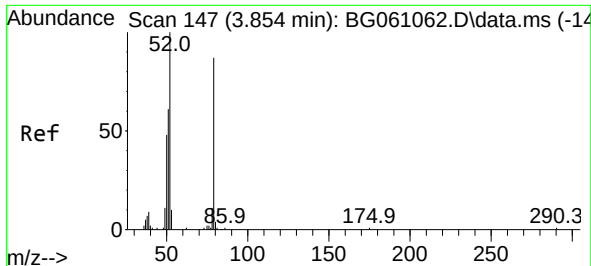
Tgt Ion:152 Resp: 27946  
 Ion Ratio Lower Upper  
 152 100  
 150 156.1 138.3 207.5  
 115 63.5 48.0 72.0



#2  
 1,4-Dioxane  
 Concen: 31.598 ng  
 RT: 3.434 min Scan# 76  
 Delta R.T. -0.032 min  
 Lab File: BG061211.D  
 Acq: 15 May 2024 18:24

Tgt Ion: 88 Resp: 17556  
 Ion Ratio Lower Upper  
 88 100  
 58 109.9 81.2 121.8  
 43 60.6 45.0 67.4



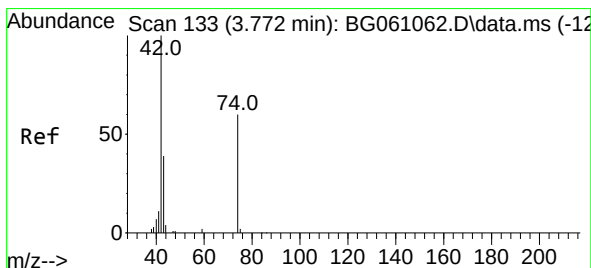
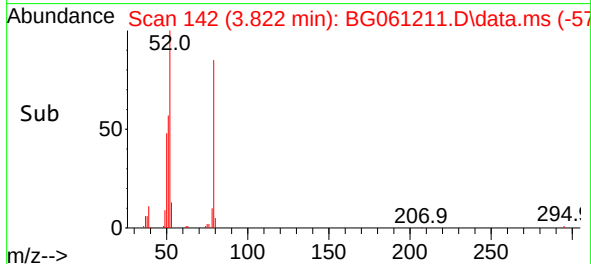
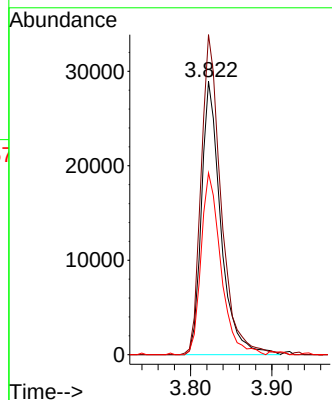
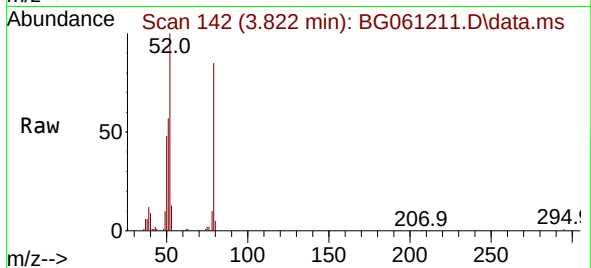


#3  
 Pyridine  
 Concen: 29.149 ng  
 RT: 3.822 min Scan# 147  
 Delta R.T. -0.032 min  
 Lab File: BG061211.D  
 Acq: 15 May 2024 18:24

Instrument :  
 BNA\_G  
 ClientSampleId :  
 WC-MH-IIMS

Tgt Ion: 79 Resp: 47656  

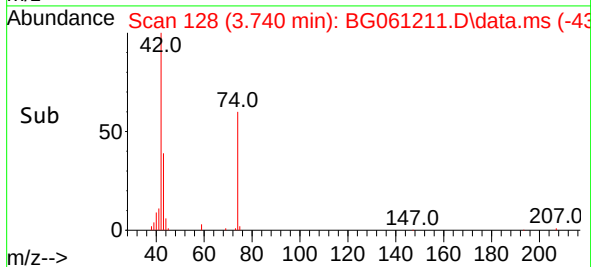
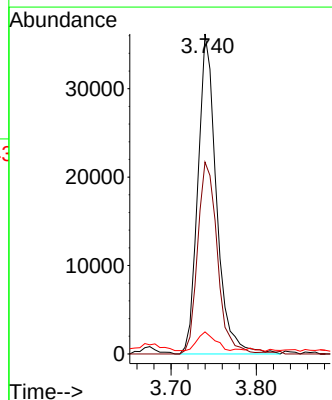
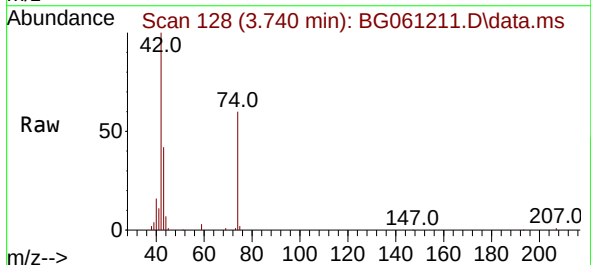
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 79  | 100   |       |       |
| 52  | 117.1 | 91.6  | 137.4 |
| 51  | 66.5  | 57.0  | 85.4  |

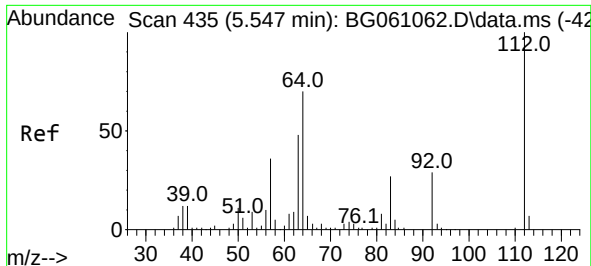


#4  
 n-Nitrosodimethylamine  
 Concen: 34.776 ng  
 RT: 3.740 min Scan# 128  
 Delta R.T. -0.032 min  
 Lab File: BG061211.D  
 Acq: 15 May 2024 18:24

Tgt Ion: 42 Resp: 54626  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 42  | 100   |       |       |
| 74  | 59.9  | 47.8  | 71.8  |
| 44  | 6.9   | 4.7   | 7.1   |

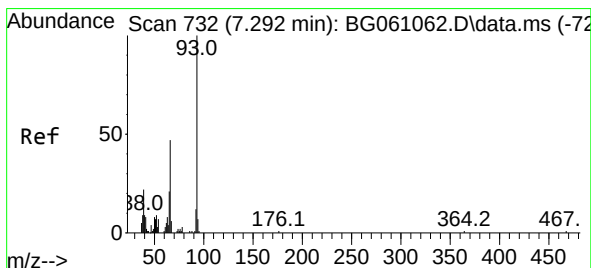
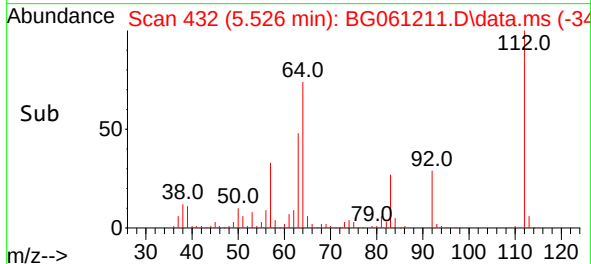
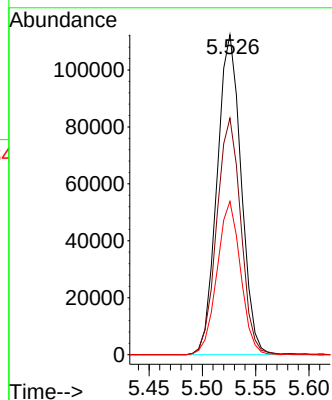
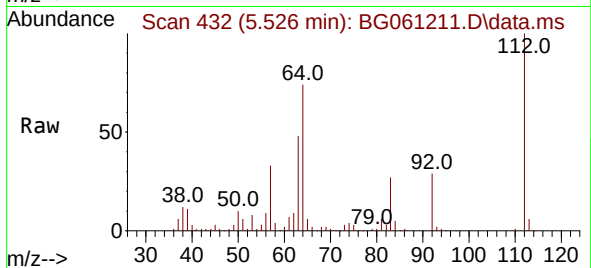




#5  
2-Fluorophenol  
Concen: 128.191 ng  
RT: 5.526 min Scan# 411  
Delta R.T. -0.021 min  
Lab File: BG061211.D  
Acq: 15 May 2024 18:24

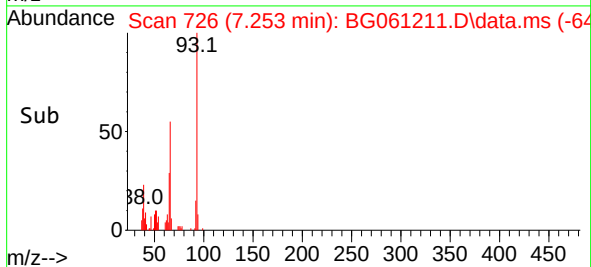
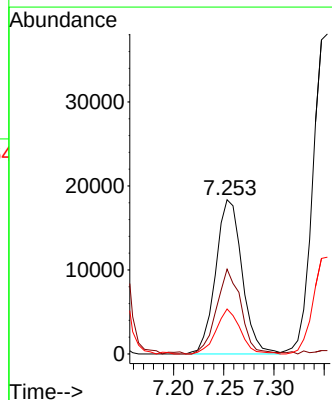
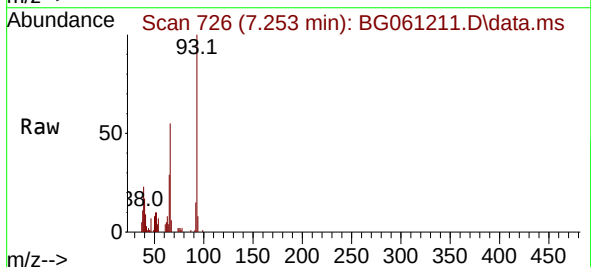
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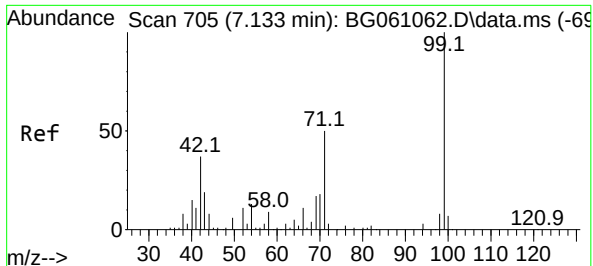
Tgt Ion:112 Resp: 176150  
Ion Ratio Lower Upper  
112 100  
64 73.9 55.7 83.5  
63 47.9 38.1 57.1



#6  
Aniline  
Concen: 16.680 ng  
RT: 7.253 min Scan# 726  
Delta R.T. -0.038 min  
Lab File: BG061211.D  
Acq: 15 May 2024 18:24

Tgt Ion: 93 Resp: 33613  
Ion Ratio Lower Upper  
93 100  
66 55.0 37.4 56.0  
65 29.1 16.6 24.8#

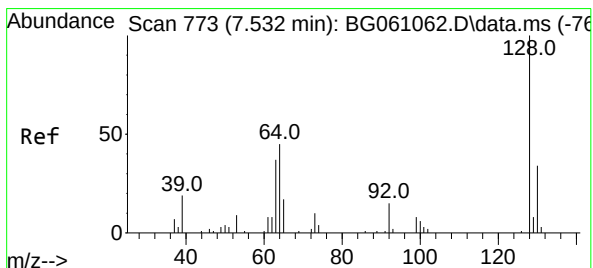
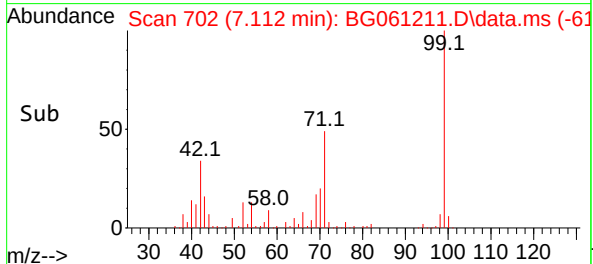
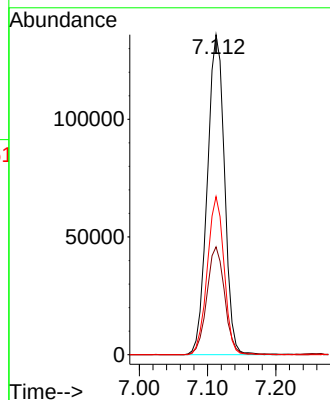
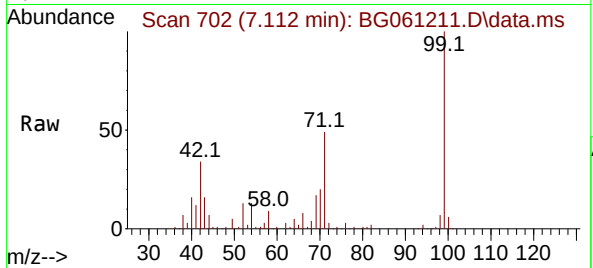




#7  
Phenol-d6  
Concen: 117.390 ng  
RT: 7.112 min Scan# 705  
Delta R.T. -0.021 min  
Lab File: BG061211.D  
Acq: 15 May 2024 18:24

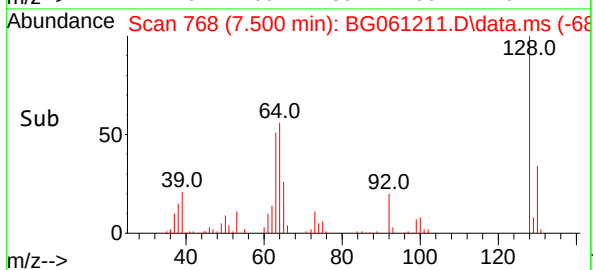
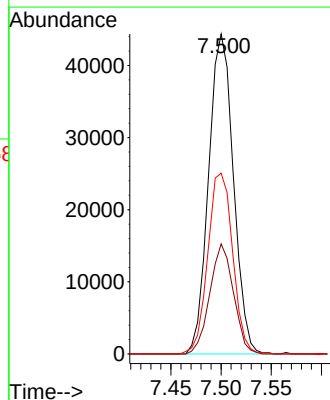
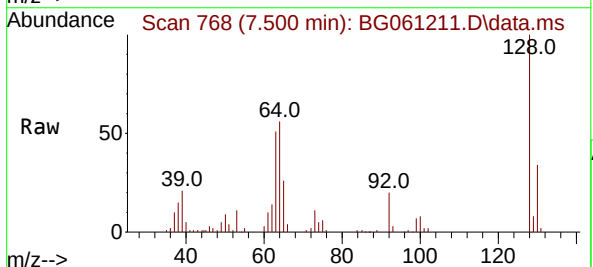
Instrument :  
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ClientSampleId :  
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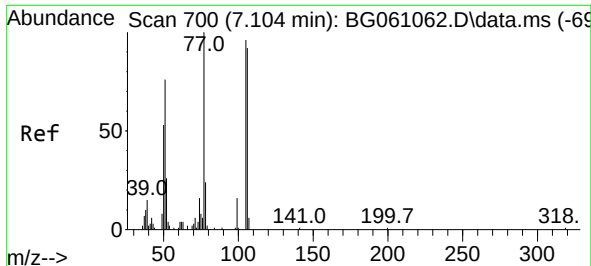
Tgt Ion: 99 Resp: 238626  
Ion Ratio Lower Upper  
99 100  
42 33.7 29.2 43.8  
71 49.4 39.7 59.5



#8  
2-Chlorophenol  
Concen: 45.238 ng  
RT: 7.500 min Scan# 768  
Delta R.T. -0.032 min  
Lab File: BG061211.D  
Acq: 15 May 2024 18:24

Tgt Ion:128 Resp: 76263  
Ion Ratio Lower Upper  
128 100  
130 34.4 14.1 54.1  
64 56.5 34.8 74.8

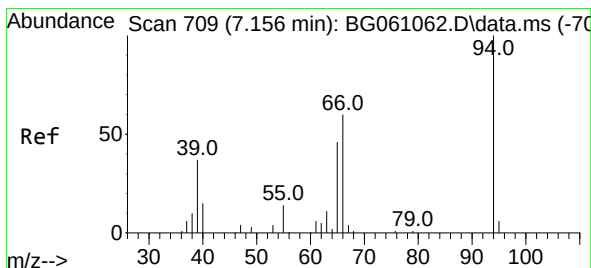
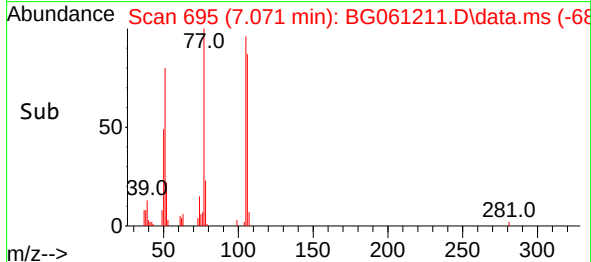
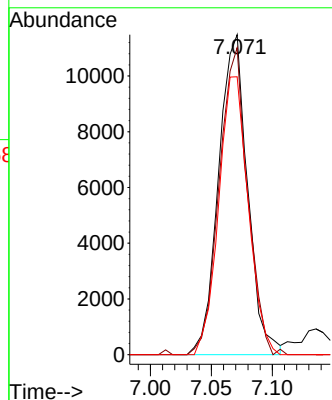
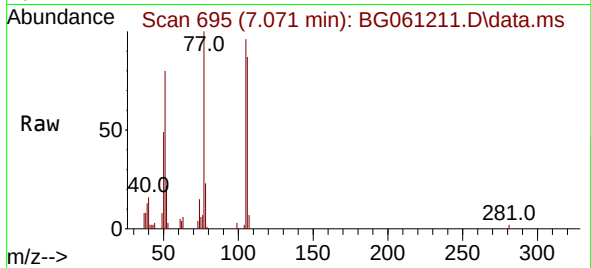




#9  
Benzaldehyde  
Concen: 14.771 ng  
RT: 7.071 min Scan# 61  
Delta R.T. -0.033 min  
Lab File: BG061211.D  
Acq: 15 May 2024 18:24

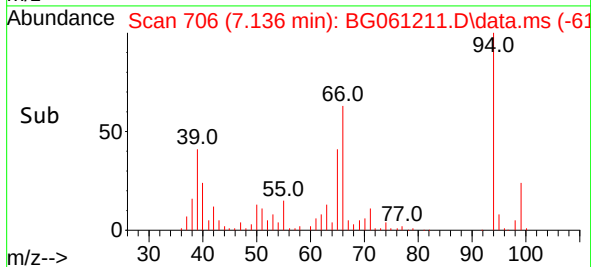
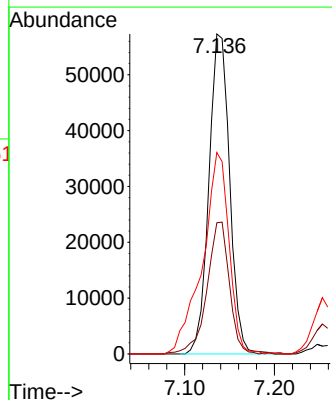
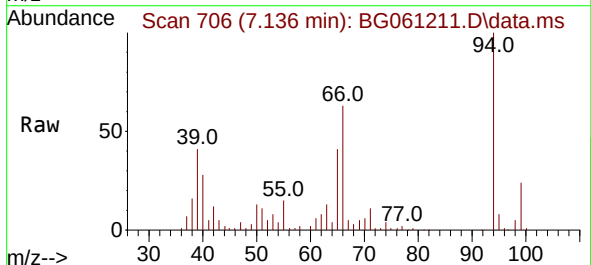
Instrument :  
BNA\_G  
ClientSampleId :  
WC-MH-IIMS

Tgt Ion: 77 Resp: 19003  
Ion Ratio Lower Upper  
77 100  
105 96.0 76.0 116.0  
106 86.8 72.3 112.3

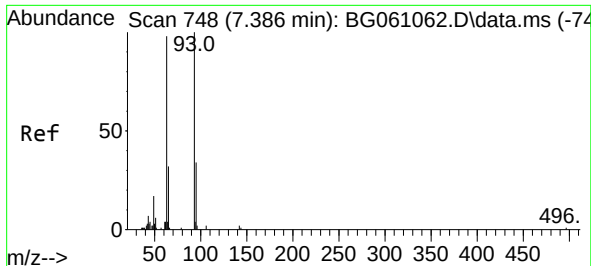


#10  
Phenol  
Concen: 44.493 ng  
RT: 7.136 min Scan# 706  
Delta R.T. -0.021 min  
Lab File: BG061211.D  
Acq: 15 May 2024 18:24

Tgt Ion: 94 Resp: 91976  
Ion Ratio Lower Upper  
94 100  
65 41.0 26.8 66.8  
66 63.0 44.7 84.7



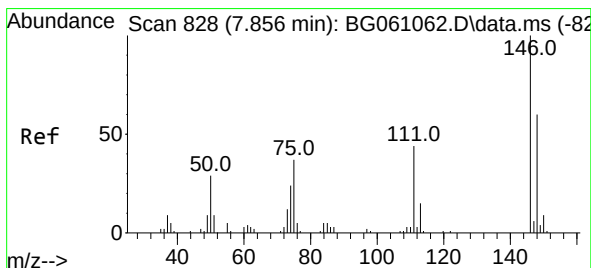
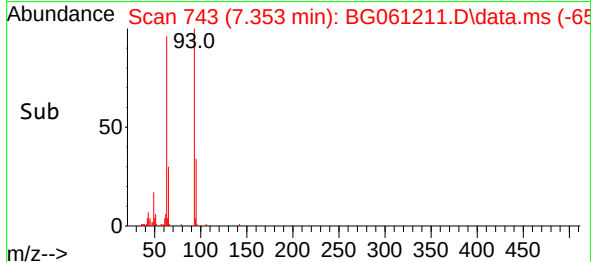
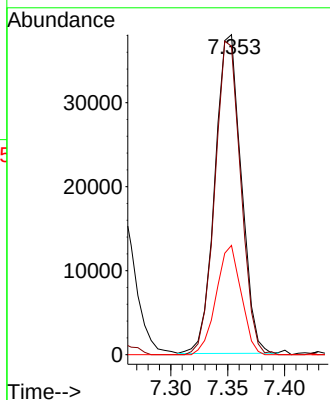
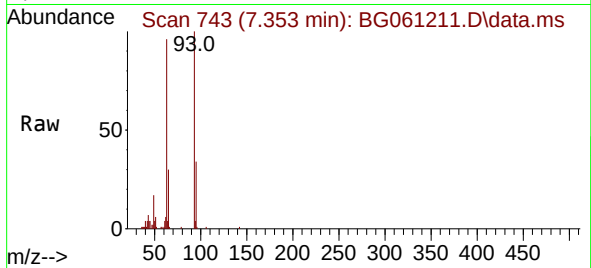




#11  
bis(2-Chloroethyl)ether  
Concen: 42.732 ng  
RT: 7.353 min Scan# 748  
Delta R.T. -0.032 min  
Lab File: BG061211.D  
Acq: 15 May 2024 18:24

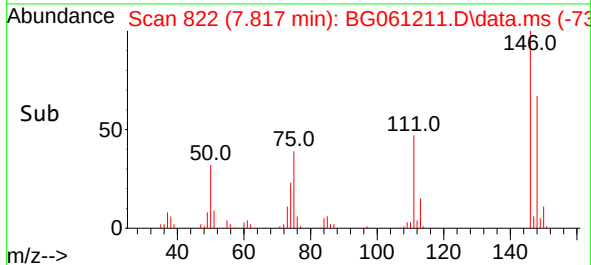
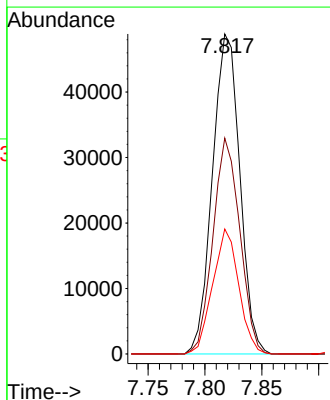
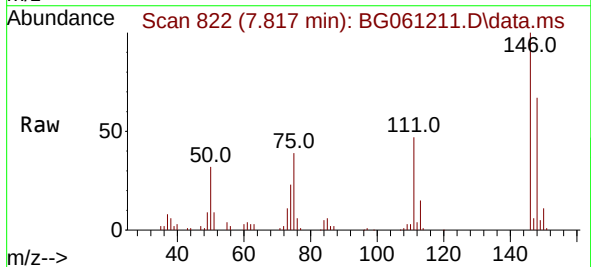
Instrument :  
BNA\_G  
ClientSampleId :  
WC-MH-IIMS

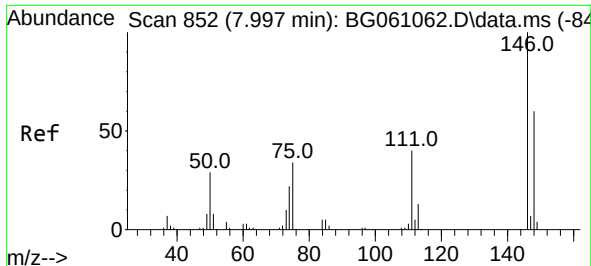
Tgt Ion: 93 Resp: 61025  
Ion Ratio Lower Upper  
93 100  
63 96.4 76.8 116.8  
95 34.1 13.6 53.6



#12  
1,3-Dichlorobenzene  
Concen: 41.236 ng  
RT: 7.817 min Scan# 822  
Delta R.T. -0.038 min  
Lab File: BG061211.D  
Acq: 15 May 2024 18:24

Tgt Ion:146 Resp: 81951  
Ion Ratio Lower Upper  
146 100  
148 67.5 48.0 72.0  
75 39.0 29.5 44.3

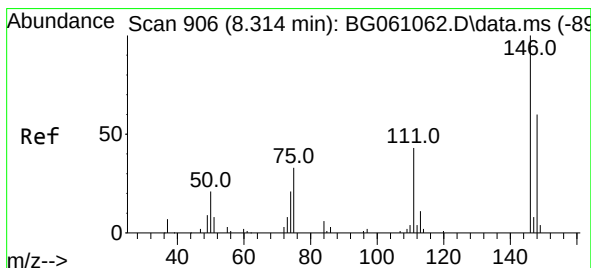
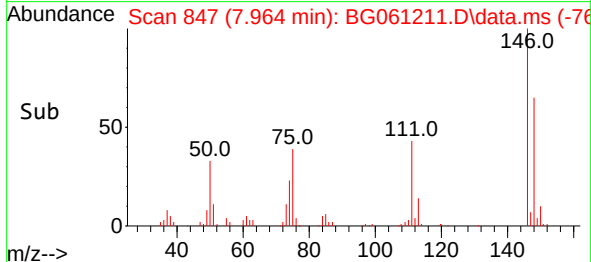
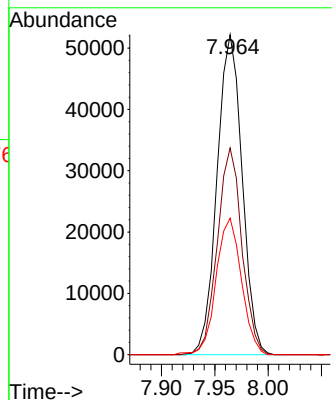
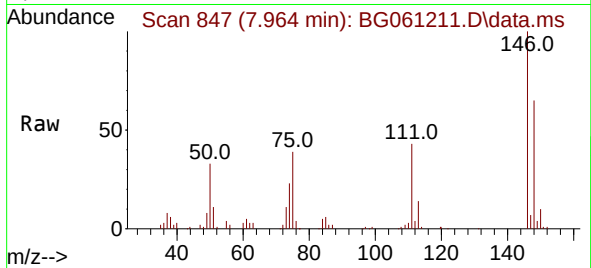




#13  
1,4-Dichlorobenzene  
Concen: 41.529 ng  
RT: 7.964 min Scan# 84  
Delta R.T. -0.032 min  
Lab File: BG061211.D  
Acq: 15 May 2024 18:24

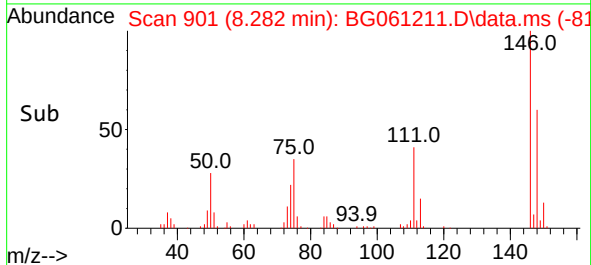
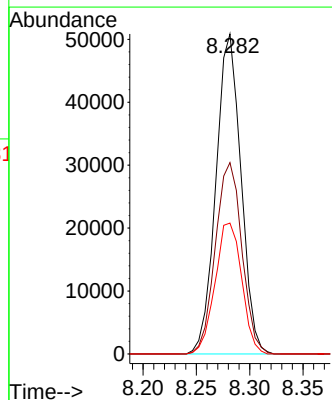
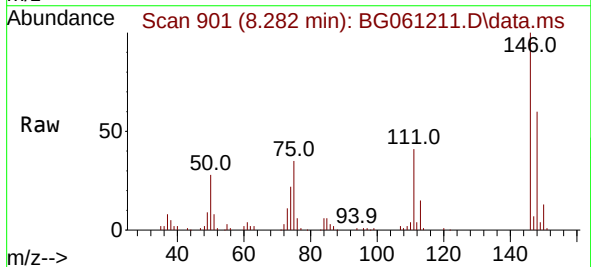
Instrument :  
BNA\_G  
ClientSampleId :  
WC-MH-IIMS

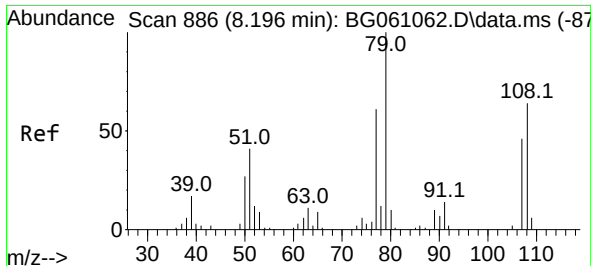
Tgt Ion:146 Resp: 85301  
Ion Ratio Lower Upper  
146 100  
148 64.6 48.1 72.1  
111 42.6 32.5 48.7



#14  
1,2-Dichlorobenzene  
Concen: 41.904 ng  
RT: 8.282 min Scan# 901  
Delta R.T. -0.032 min  
Lab File: BG061211.D  
Acq: 15 May 2024 18:24

Tgt Ion:146 Resp: 83042  
Ion Ratio Lower Upper  
146 100  
148 59.8 48.2 72.2  
111 40.9 36.2 54.2

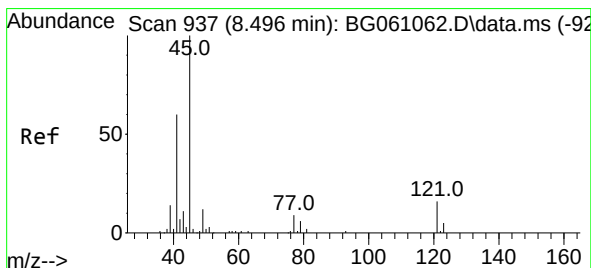
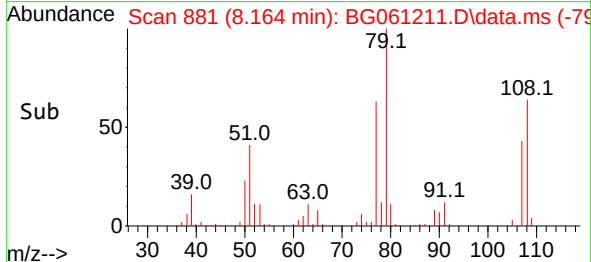
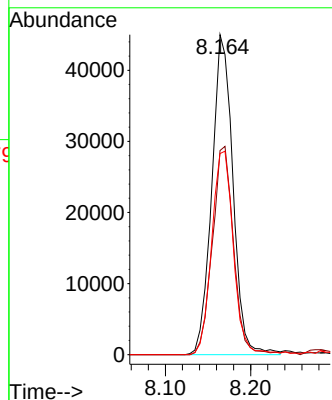
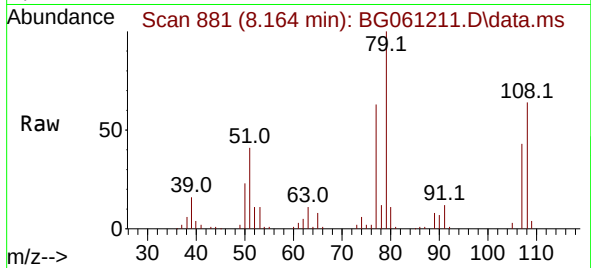




#15  
Benzyl Alcohol  
Concen: 42.179 ng  
RT: 8.164 min Scan# 811  
Delta R.T. -0.032 min  
Lab File: BG061211.D  
Acq: 15 May 2024 18:24

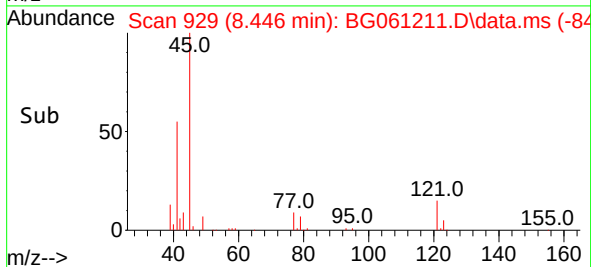
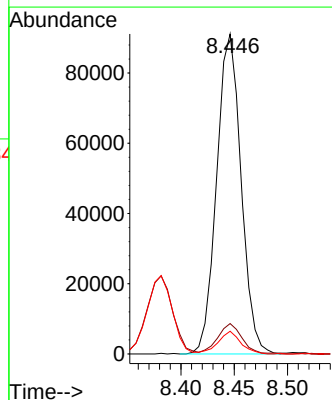
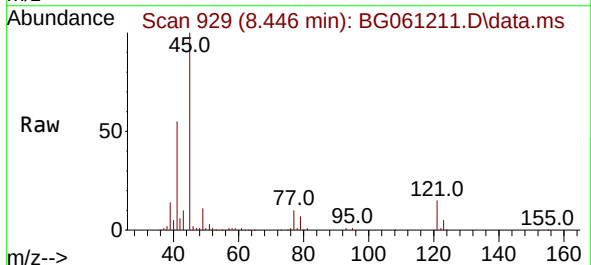
Instrument :  
BNA\_G  
ClientSampleId :  
WC-MH-IIMS

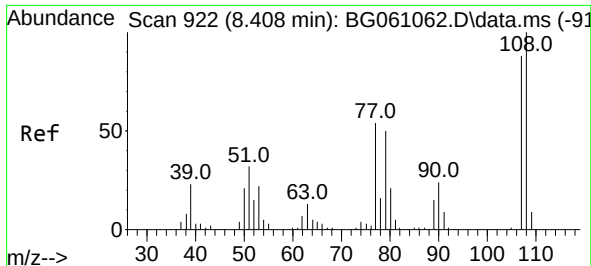
Tgt Ion: 79 Resp: 77344  
Ion Ratio Lower Upper  
79 100  
108 63.8 51.1 76.7  
77 62.8 49.0 73.6



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 46.848 ng  
RT: 8.446 min Scan# 929  
Delta R.T. -0.050 min  
Lab File: BG061211.D  
Acq: 15 May 2024 18:24

Tgt Ion: 45 Resp: 145173  
Ion Ratio Lower Upper  
45 100  
77 9.5 0.0 30.2  
79 7.1 0.0 26.5

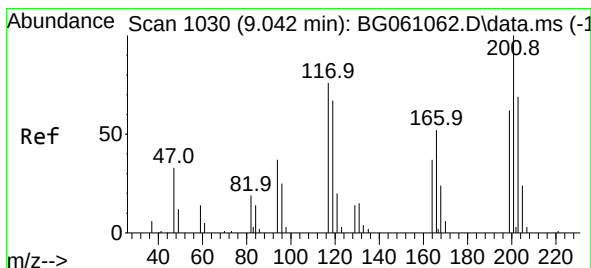
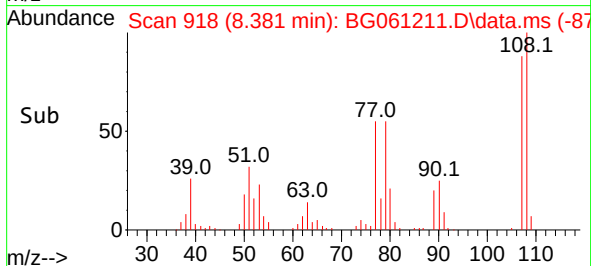
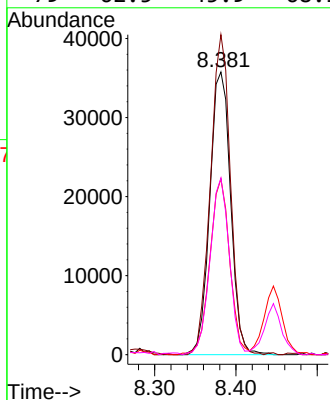
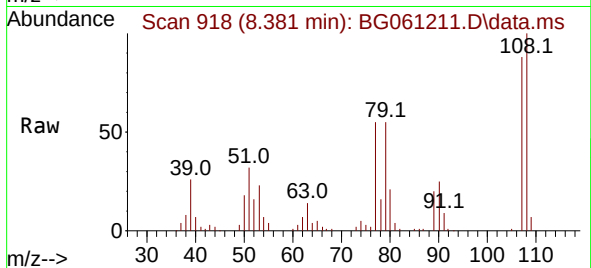




#17  
2-Methylphenol  
Concen: 43.139 ng  
RT: 8.381 min Scan# 91  
Delta R.T. -0.027 min  
Lab File: BG061211.D  
Acq: 15 May 2024 18:24

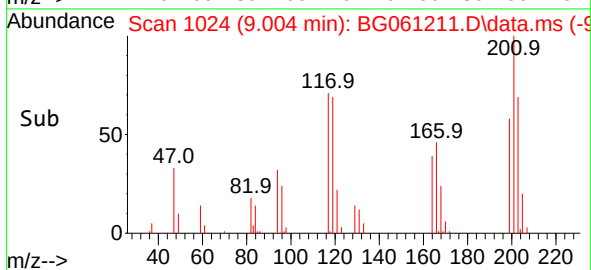
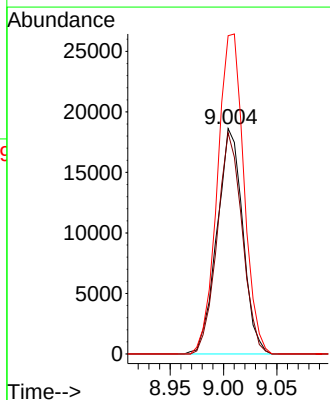
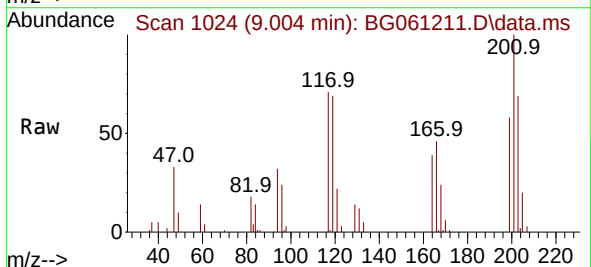
Instrument :  
BNA\_G  
ClientSampleId :  
WC-MH-IIMS

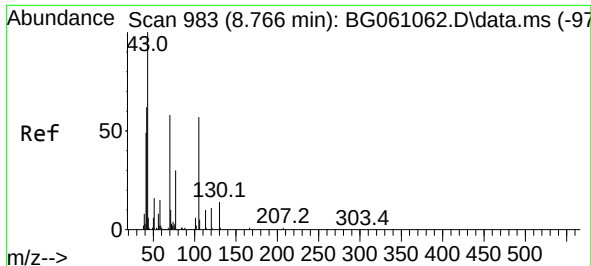
|             |       |            |
|-------------|-------|------------|
| Tgt Ion:107 | Resp: | 63551      |
| Ion Ratio   | Lower | Upper      |
| 107         | 100   |            |
| 108         | 113.2 | 91.4 137.2 |
| 77          | 62.2  | 49.4 74.2  |
| 79          | 62.5  | 45.9 68.9  |



#18  
Hexachloroethane  
Concen: 42.613 ng  
RT: 9.004 min Scan# 1024  
Delta R.T. -0.038 min  
Lab File: BG061211.D  
Acq: 15 May 2024 18:24

|             |       |             |
|-------------|-------|-------------|
| Tgt Ion:117 | Resp: | 31232       |
| Ion Ratio   | Lower | Upper       |
| 117         | 100   |             |
| 119         | 96.7  | 71.4 107.0  |
| 201         | 139.1 | 105.8 158.8 |

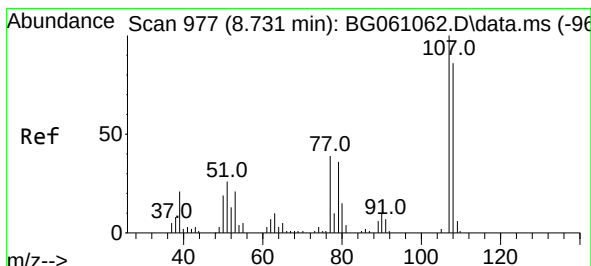
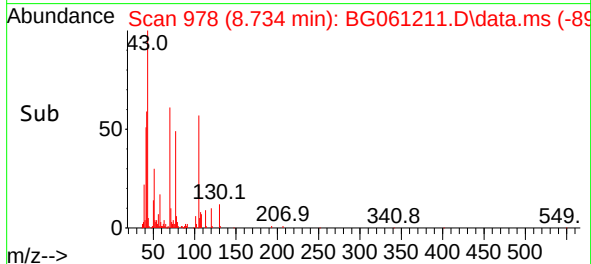
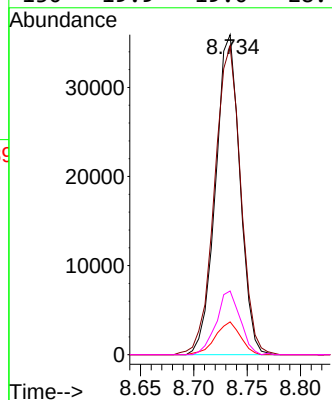
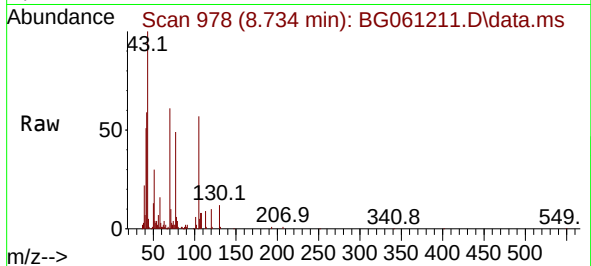




#19  
n-Nitroso-di-n-propylamine  
Concen: 37.460 ng  
RT: 8.734 min Scan# 91  
Delta R.T. -0.032 min  
Lab File: BG061211.D  
Acq: 15 May 2024 18:24

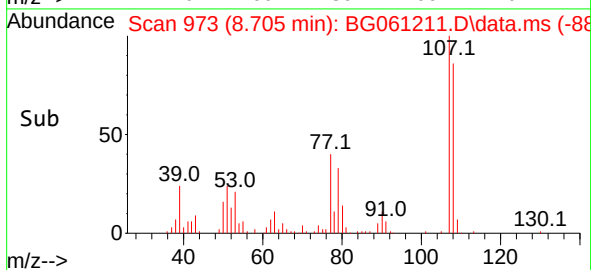
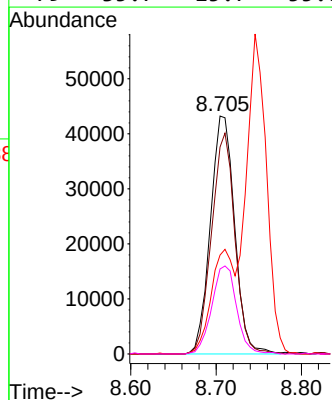
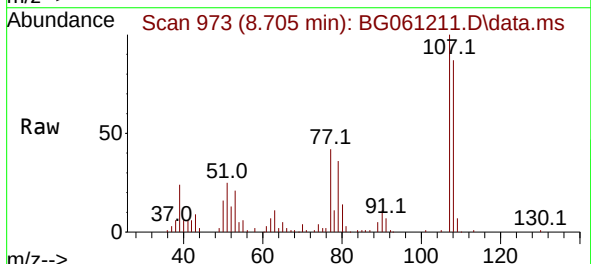
Instrument :  
BNA\_G  
ClientSampleId :  
WC-MH-IIMS

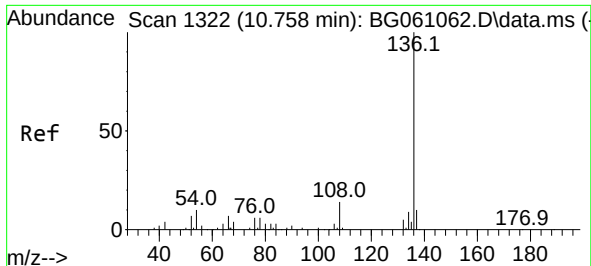
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 70    | Resp: | 56986 |
| Ion      | Ratio | Lower | Upper |
| 70       | 100   |       |       |
| 42       | 96.5  | 86.4  | 129.6 |
| 101      | 10.3  | 7.8   | 11.8  |
| 130      | 19.9  | 19.0  | 28.4  |



#20  
3+4-Methylphenols  
Concen: 40.101 ng  
RT: 8.705 min Scan# 973  
Delta R.T. -0.027 min  
Lab File: BG061211.D  
Acq: 15 May 2024 18:24

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 107   | Resp: | 85231 |
| Ion      | Ratio | Lower | Upper |
| 107      | 100   |       |       |
| 108      | 87.0  | 65.7  | 105.7 |
| 77       | 41.6  | 19.4  | 59.4  |
| 79       | 35.7  | 15.7  | 55.7  |

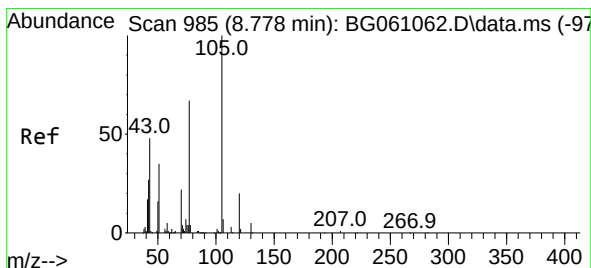
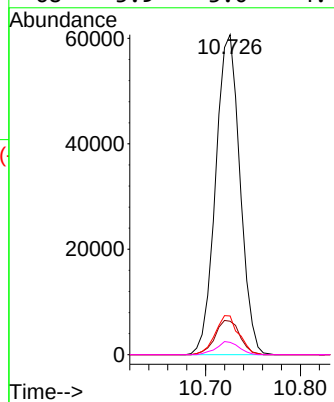
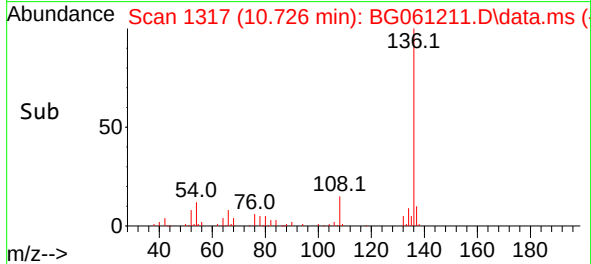
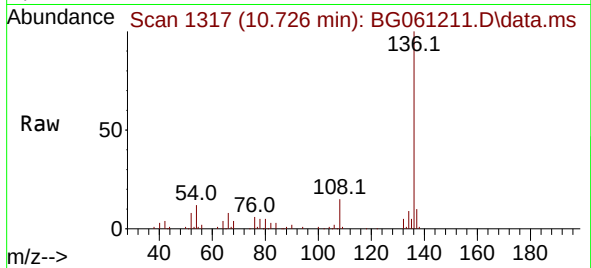




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.726 min Scan# 11  
Delta R.T. -0.032 min  
Lab File: BG061211.D  
Acq: 15 May 2024 18:24

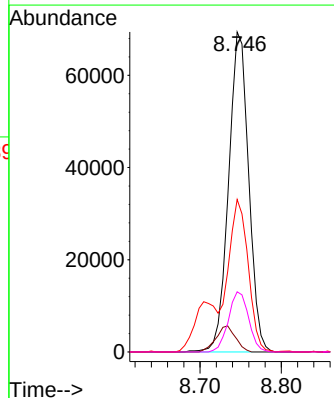
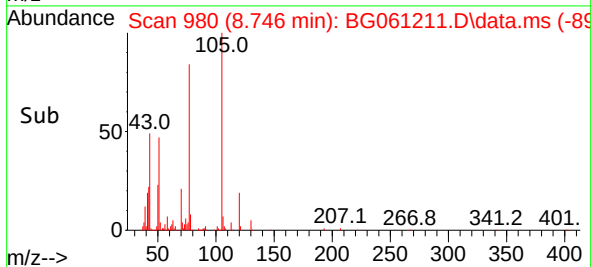
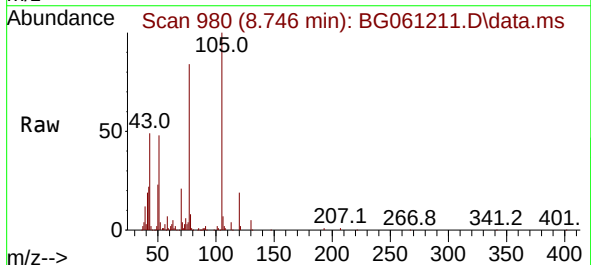
Instrument :  
BNA\_G  
ClientSampleId :  
WC-MH-IIMS

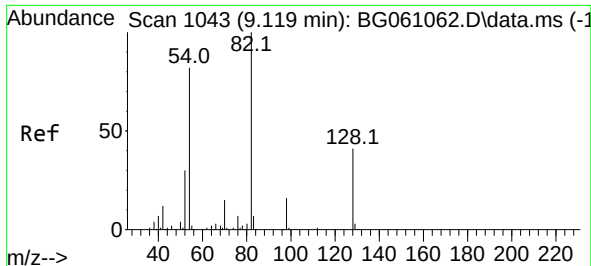
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 108132 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 10.4  | 7.8   | 11.6   |
| 54       | 12.9  | 8.1   | 12.1   |
| 68       | 3.9   | 3.0   | 4.4    |



#22  
Acetophenone  
Concen: 44.256 ng  
RT: 8.746 min Scan# 980  
Delta R.T. -0.032 min  
Lab File: BG061211.D  
Acq: 15 May 2024 18:24

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 105   | Resp: | 119178 |
| Ion      | Ratio | Lower | Upper  |
| 105      | 100   |       |        |
| 71       | 3.9   | 3.3   | 4.9    |
| 51       | 47.6  | 36.7  | 55.1   |
| 120      | 18.8  | 15.7  | 23.5   |

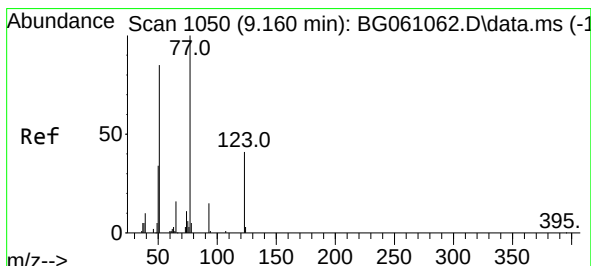
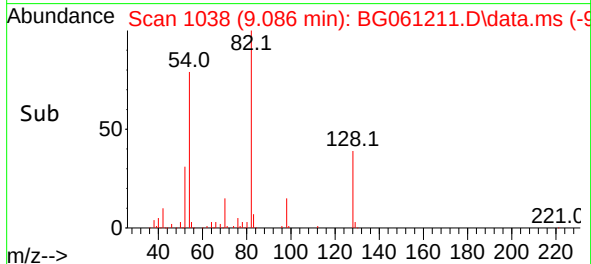
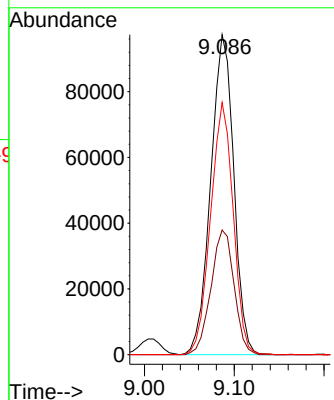
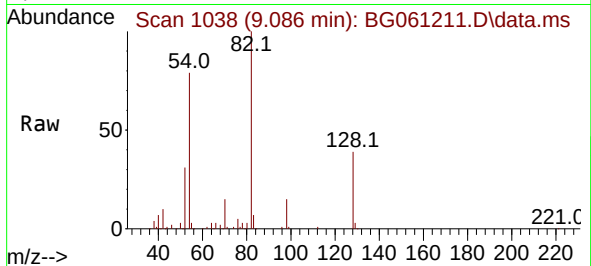




#23  
Nitrobenzene-d5  
Concen: 79.470 ng  
RT: 9.086 min Scan# 1038  
Delta R.T. -0.032 min  
Lab File: BG061211.D  
Acq: 15 May 2024 18:24

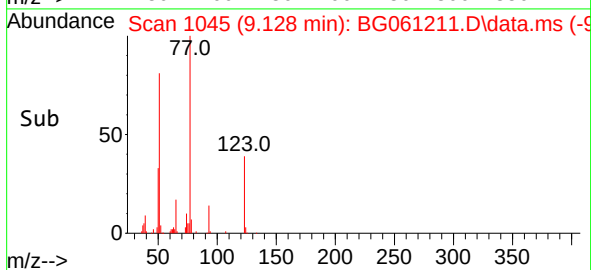
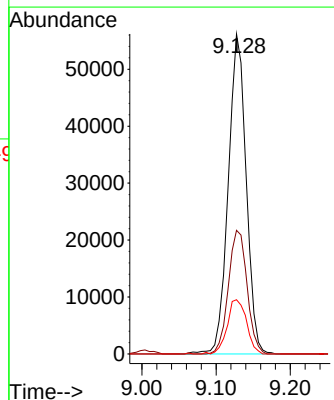
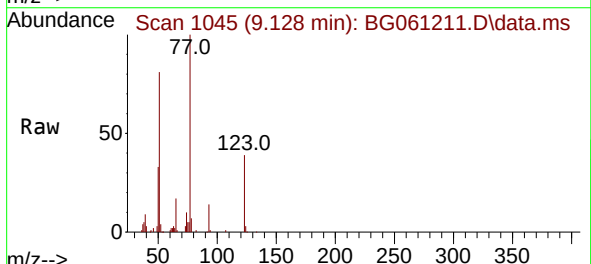
Instrument :  
BNA\_G  
ClientSampleId :  
WC-MH-IIMS

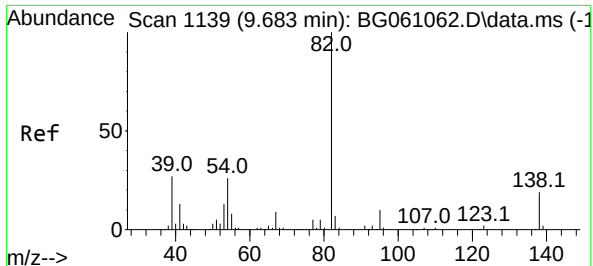
Tgt Ion: 82 Resp: 173348  
Ion Ratio Lower Upper  
82 100  
128 39.0 32.7 49.1  
54 78.8 65.6 98.4



#24  
Nitrobenzene  
Concen: 44.155 ng  
RT: 9.128 min Scan# 1045  
Delta R.T. -0.032 min  
Lab File: BG061211.D  
Acq: 15 May 2024 18:24

Tgt Ion: 77 Resp: 94223  
Ion Ratio Lower Upper  
77 100  
123 38.7 33.1 49.7  
65 17.0 13.1 19.7

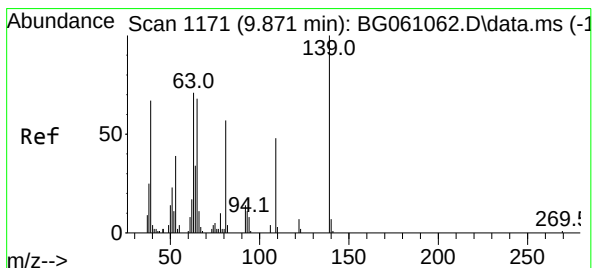
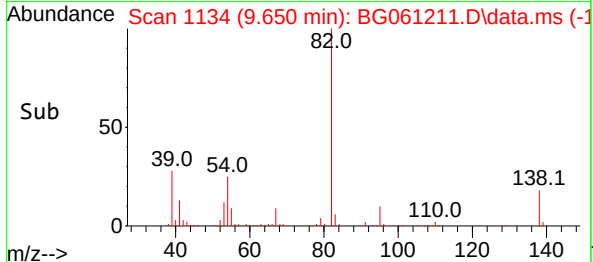
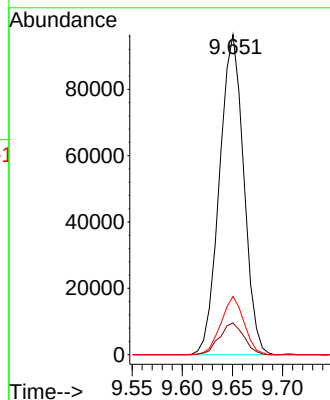
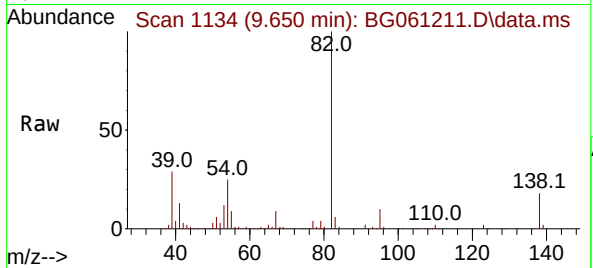




#25  
Isophorone  
Concen: 40.075 ng  
RT: 9.650 min Scan# 1139  
Delta R.T. -0.032 min  
Lab File: BG061211.D  
Acq: 15 May 2024 18:24

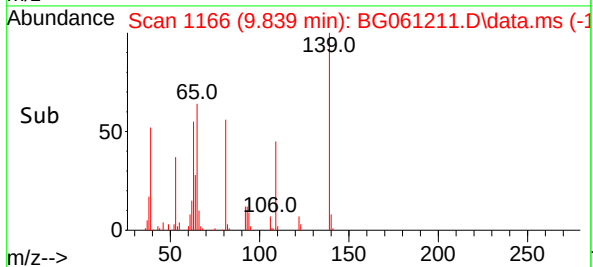
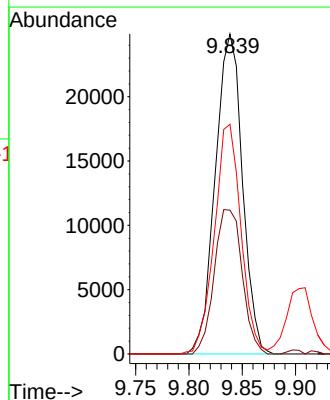
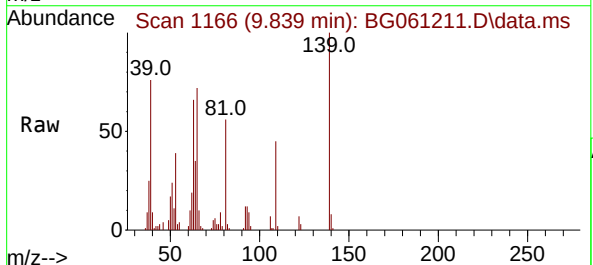
Instrument :  
BNA\_G  
ClientSampleId :  
WC-MH-IIMS

Tgt Ion: 82 Resp: 161590  
Ion Ratio Lower Upper  
82 100  
95 9.9 8.3 12.5  
138 18.2 15.2 22.8

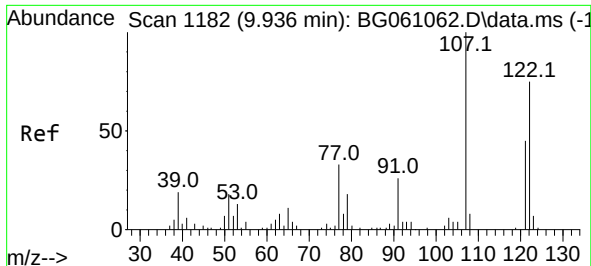


#26  
2-Nitrophenol  
Concen: 43.557 ng  
RT: 9.839 min Scan# 1166  
Delta R.T. -0.032 min  
Lab File: BG061211.D  
Acq: 15 May 2024 18:24

Tgt Ion: 139 Resp: 44037  
Ion Ratio Lower Upper  
139 100  
109 44.9 38.5 57.7  
65 71.8 54.5 81.7







#27

2,4-Dimethylphenol

Concen: 48.543 ng

RT: 9.903 min Scan# 1182

Delta R.T. -0.032 min

Lab File: BG061211.D

Acq: 15 May 2024 18:24

Instrument :

BNA\_G

ClientSampleId :

WC-MH-IIMS

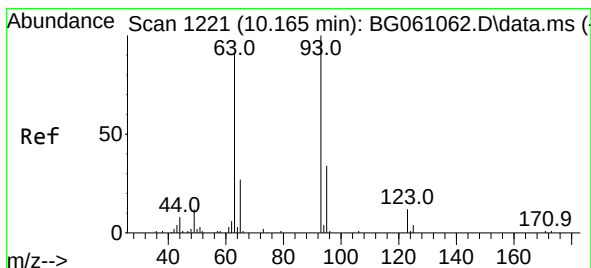
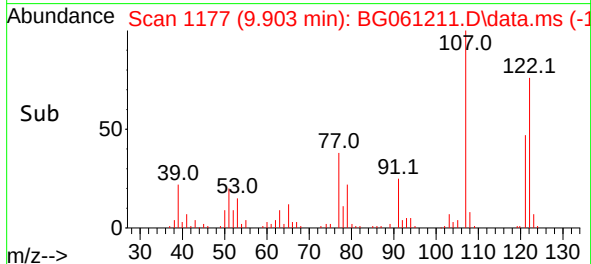
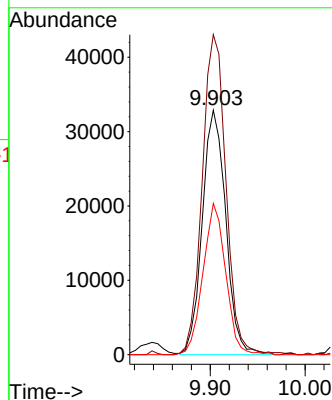
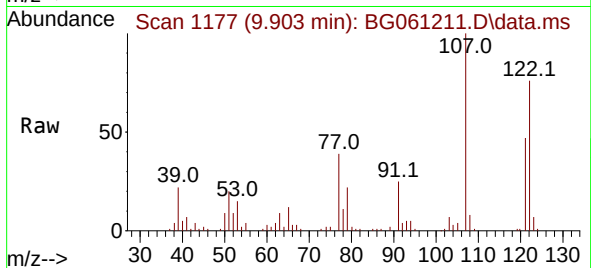
Tgt Ion:122 Resp: 56582

Ion Ratio Lower Upper

122 100

107 130.9 106.9 160.3

121 61.9 48.5 72.7



#28

bis(2-Chloroethoxy)methane

Concen: 43.970 ng

RT: 10.132 min Scan# 1216

Delta R.T. -0.032 min

Lab File: BG061211.D

Acq: 15 May 2024 18:24

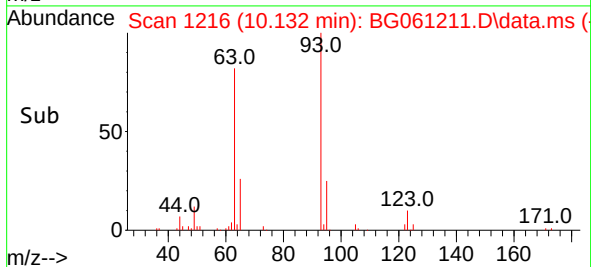
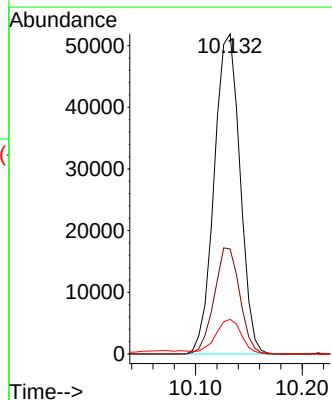
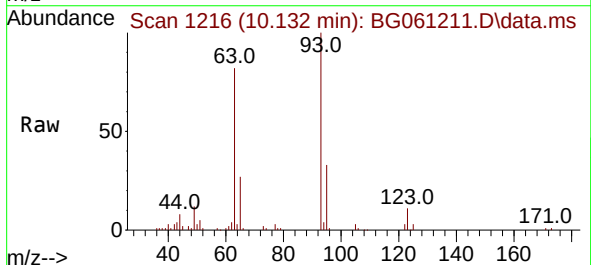
Tgt Ion: 93 Resp: 87013

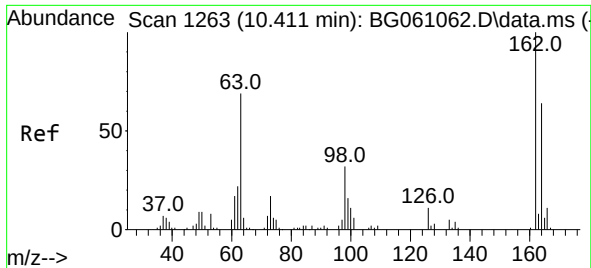
Ion Ratio Lower Upper

93 100

95 32.8 27.4 41.0

123 10.8 9.7 14.5





#29

2,4-Dichlorophenol

Concen: 45.534 ng

RT: 10.379 min Scan# 1258

Delta R.T. -0.032 min

Lab File: BG061211.D

Acq: 15 May 2024 18:24

Instrument :

BNA\_G

ClientSampleId :

WC-MH-IIMS

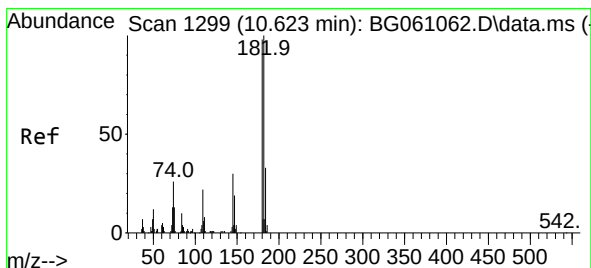
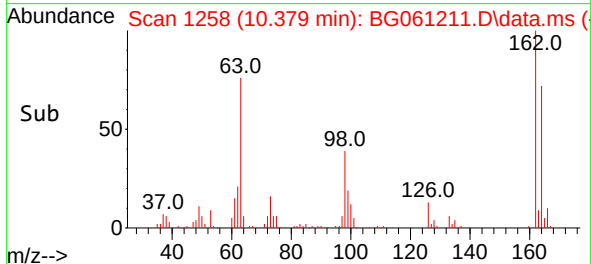
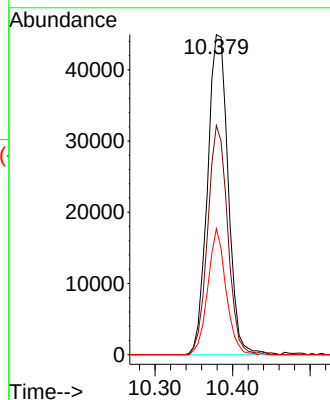
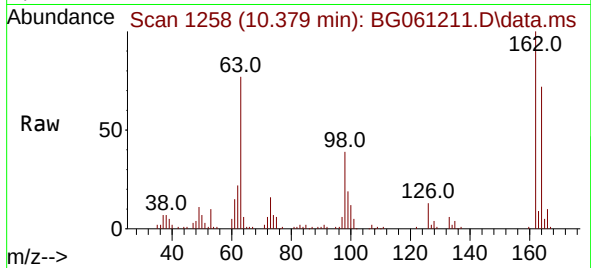
Tgt Ion:162 Resp: 83159

Ion Ratio Lower Upper

162 100

164 71.6 43.6 83.6

98 39.4 12.3 52.3



#30

1,2,4-Trichlorobenzene

Concen: 44.817 ng

RT: 10.591 min Scan# 1294

Delta R.T. -0.032 min

Lab File: BG061211.D

Acq: 15 May 2024 18:24

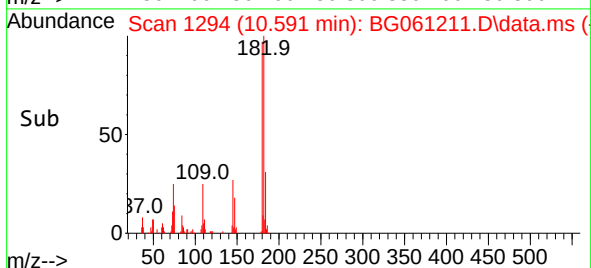
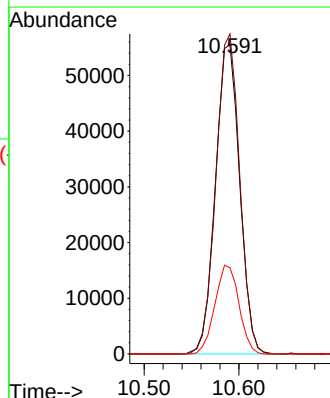
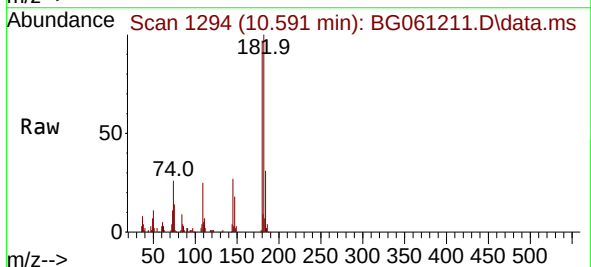
Tgt Ion:180 Resp: 98624

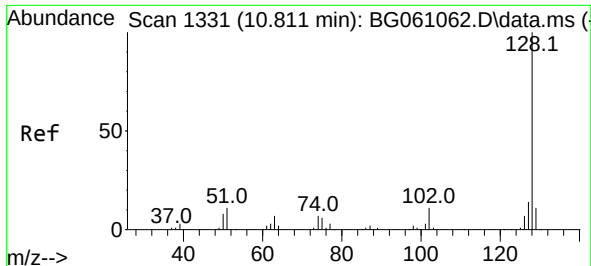
Ion Ratio Lower Upper

180 100

182 103.4 81.7 122.5

145 27.9 24.5 36.7

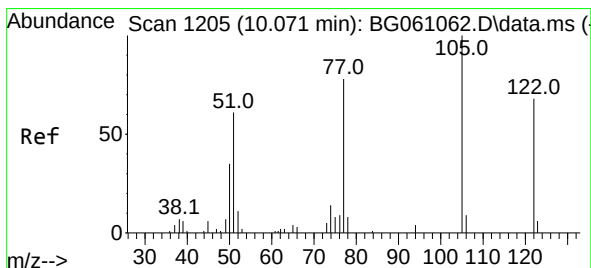
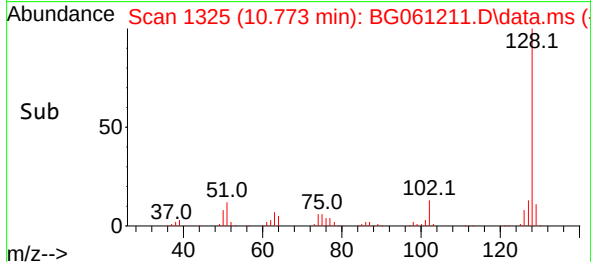
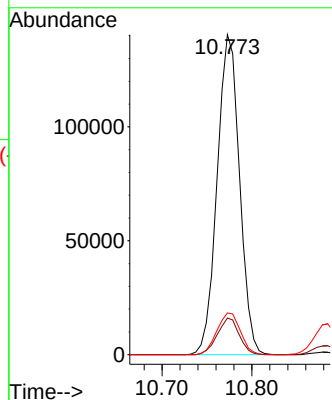
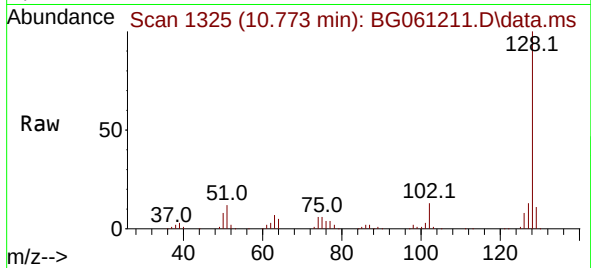




#31  
Naphthalene  
Concen: 43.285 ng  
RT: 10.773 min Scan# 11  
Delta R.T. -0.038 min  
Lab File: BG061211.D  
Acq: 15 May 2024 18:24

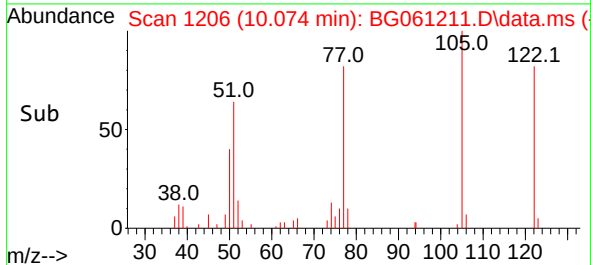
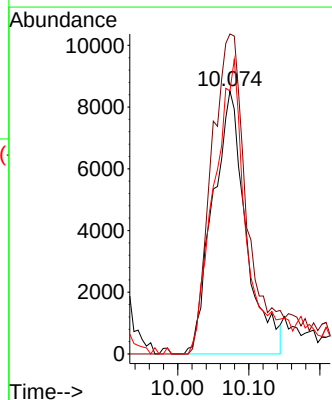
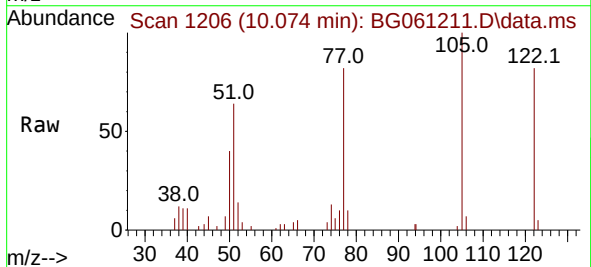
Instrument :  
BNA\_G  
ClientSampleId :  
WC-MH-IIMS

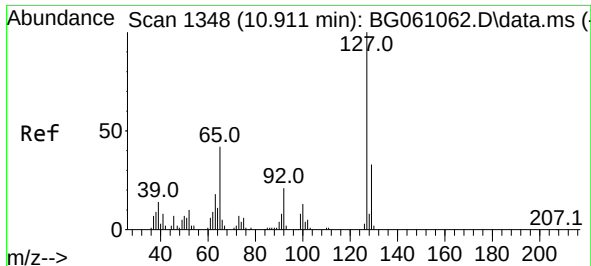
Tgt Ion:128 Resp: 243253  
Ion Ratio Lower Upper  
128 100  
129 11.5 8.9 13.3  
127 13.1 11.1 16.7



#32  
Benzoic acid  
Concen: 20.376 ng  
RT: 10.074 min Scan# 1206  
Delta R.T. 0.003 min  
Lab File: BG061211.D  
Acq: 15 May 2024 18:24

Tgt Ion:122 Resp: 27456  
Ion Ratio Lower Upper  
122 100  
105 121.8 123.3 163.3#  
77 100.1 93.2 133.2

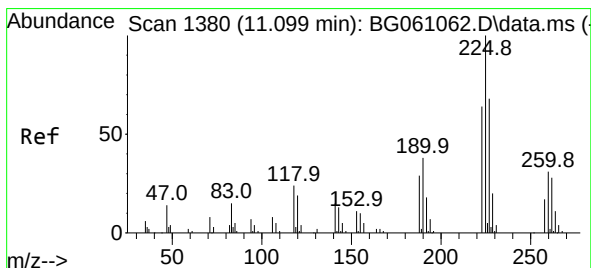
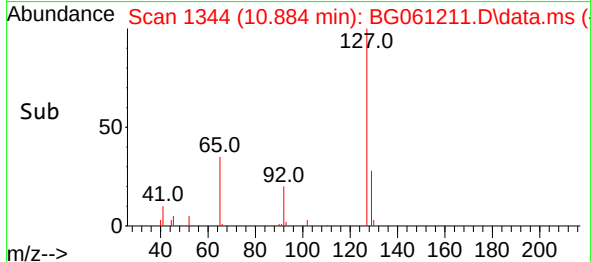
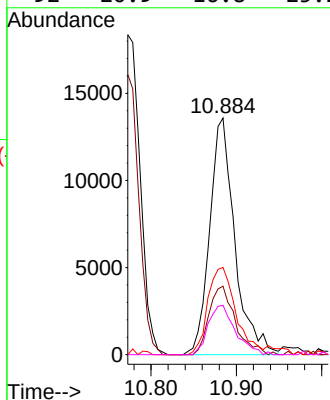
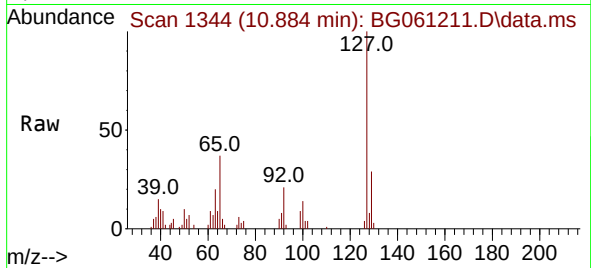




#33  
4-Chloroaniline  
Concen: 12.427 ng  
RT: 10.884 min Scan# 11  
Delta R.T. -0.027 min  
Lab File: BG061211.D  
Acq: 15 May 2024 18:24

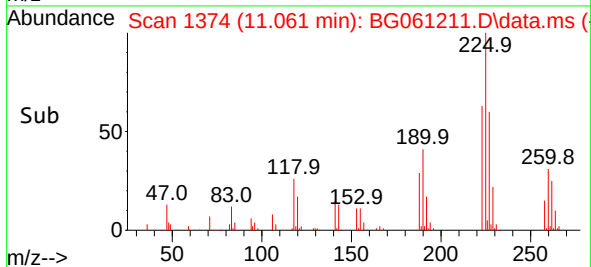
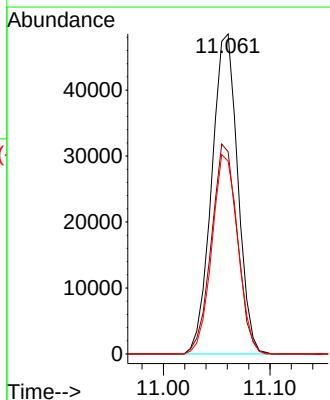
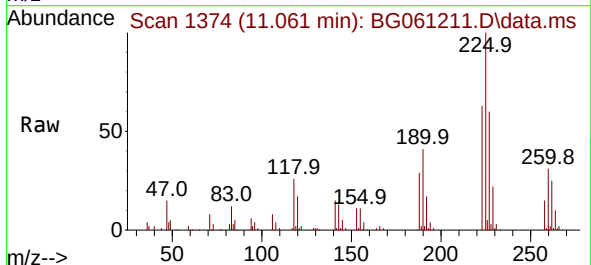
Instrument :  
BNA\_G  
ClientSampleId :  
WC-MH-IIMS

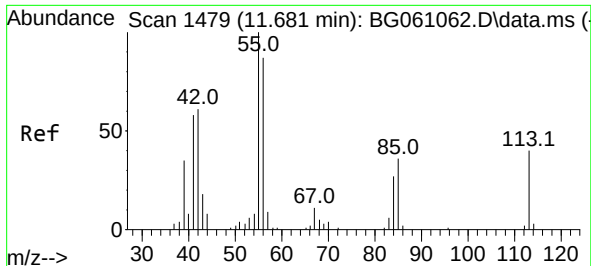
|     |         |       |       |
|-----|---------|-------|-------|
| Tgt | Ion:127 | Resp: | 27852 |
| Ion | Ratio   | Lower | Upper |
| 127 | 100     |       |       |
| 129 | 28.9    | 26.6  | 39.8  |
| 65  | 36.9    | 33.6  | 50.4  |
| 92  | 20.9    | 16.8  | 25.2  |



#34  
Hexachlorobutadiene  
Concen: 43.547 ng  
RT: 11.061 min Scan# 1374  
Delta R.T. -0.038 min  
Lab File: BG061211.D  
Acq: 15 May 2024 18:24

|             |       |       |       |
|-------------|-------|-------|-------|
| Tgt Ion:225 | Resp: | 82224 |       |
| Ion         | Ratio | Lower | Upper |
| 225         | 100   |       |       |
| 223         | 63.2  | 51.0  | 76.4  |
| 227         | 60.3  | 54.6  | 82.0  |

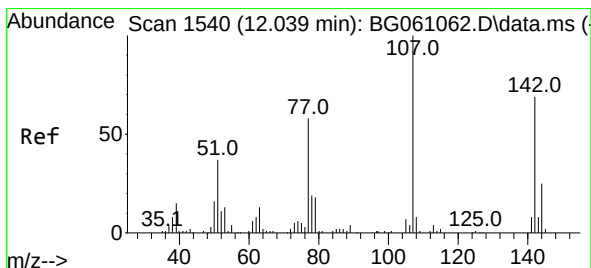
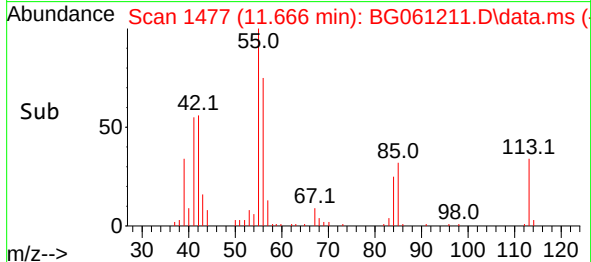
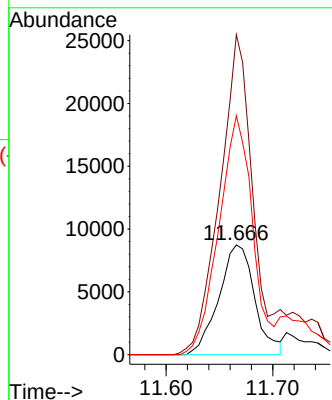
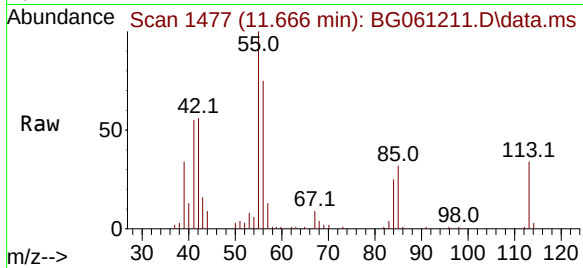




#35  
 Caprolactam  
 Concen: 31.058 ng  
 RT: 11.666 min Scan# 1479  
 Delta R.T. -0.015 min  
 Lab File: BG061211.D  
 Acq: 15 May 2024 18:24

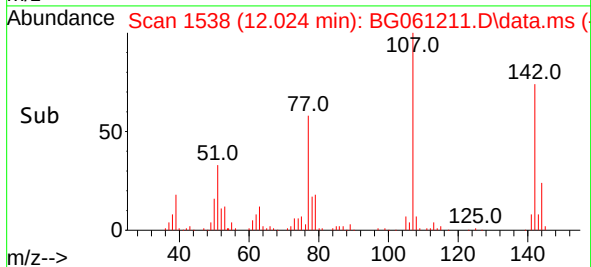
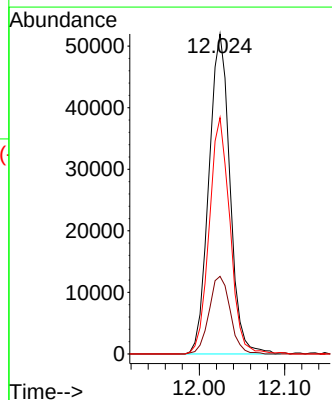
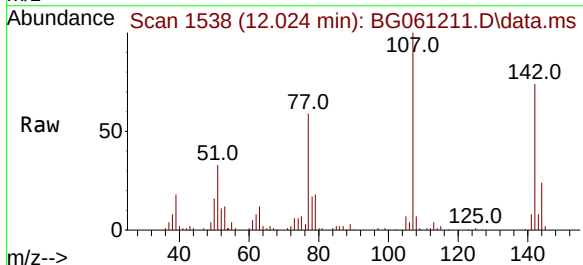
Instrument :  
 BNA\_G  
 ClientSampleId :  
 WC-MH-IIMS

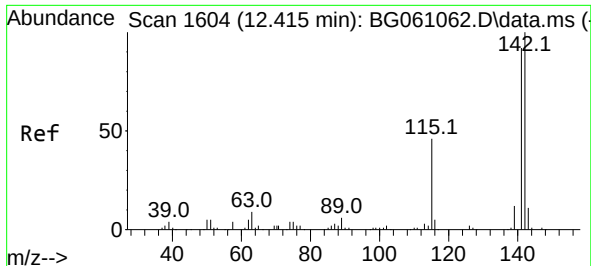
Tgt Ion:113 Resp: 20427  
 Ion Ratio Lower Upper  
 113 100  
 55 291.5 227.6 267.6#  
 56 217.6 195.1 235.1



#36  
 4-Chloro-3-methylphenol  
 Concen: 40.404 ng  
 RT: 12.024 min Scan# 1538  
 Delta R.T. -0.015 min  
 Lab File: BG061211.D  
 Acq: 15 May 2024 18:24

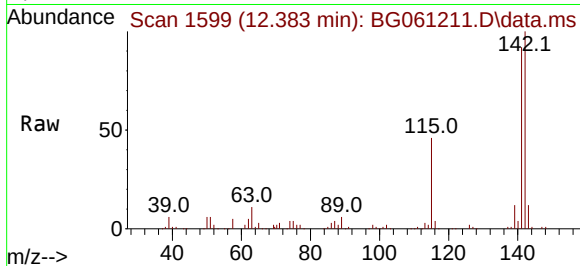
Tgt Ion:107 Resp: 88980  
 Ion Ratio Lower Upper  
 107 100  
 144 24.2 20.2 30.4  
 142 73.8 55.6 83.4



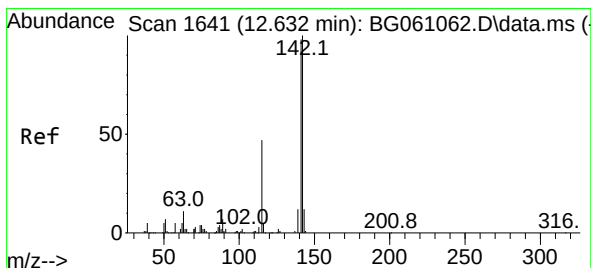
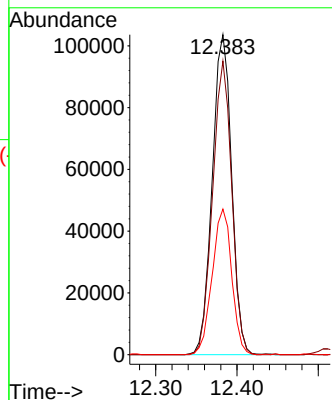
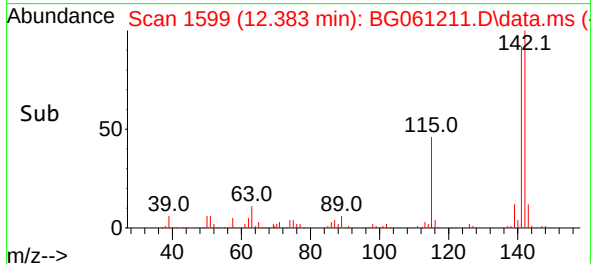


#37  
2-Methylnaphthalene  
Concen: 40.814 ng  
RT: 12.383 min Scan# 1  
Delta R.T. -0.032 min  
Lab File: BG061211.D  
Acq: 15 May 2024 18:24

Instrument :  
BNA\_G  
ClientSampleId :  
WC-MH-IIMS

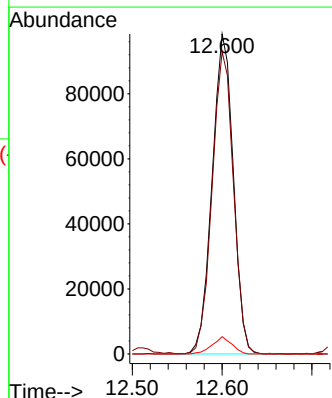
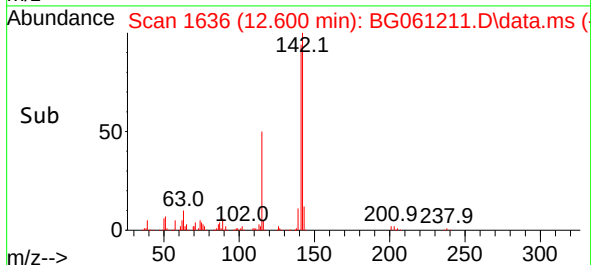
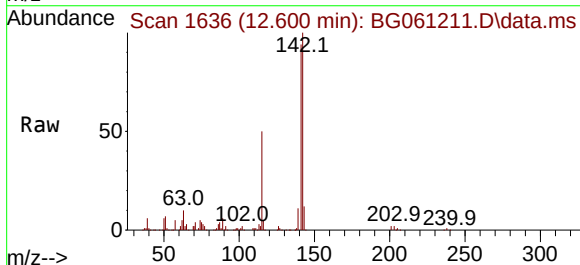


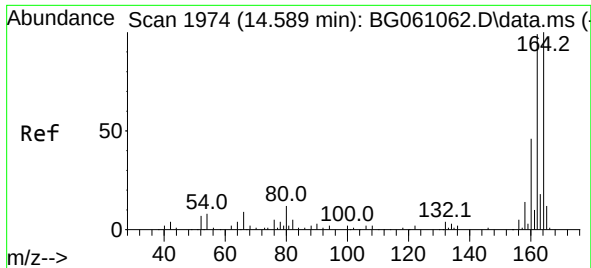
Tgt Ion:142 Resp: 171880  
Ion Ratio Lower Upper  
142 100  
141 91.7 73.8 110.8  
115 45.5 36.9 55.3



#38  
1-Methylnaphthalene  
Concen: 37.897 ng  
RT: 12.600 min Scan# 1636  
Delta R.T. -0.032 min  
Lab File: BG061211.D  
Acq: 15 May 2024 18:24

Tgt Ion:142 Resp: 160667  
Ion Ratio Lower Upper  
142 100  
141 94.4 78.4 117.6  
116 5.4 4.3 6.5

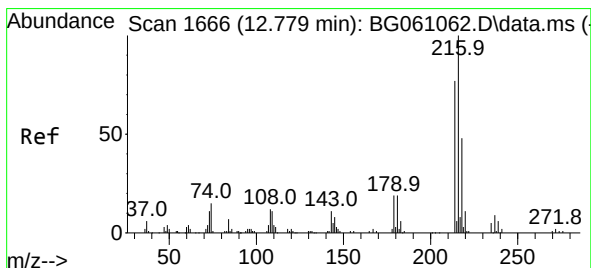
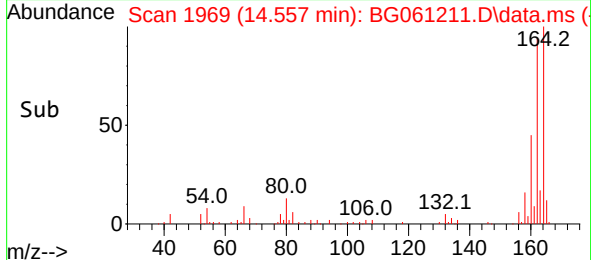
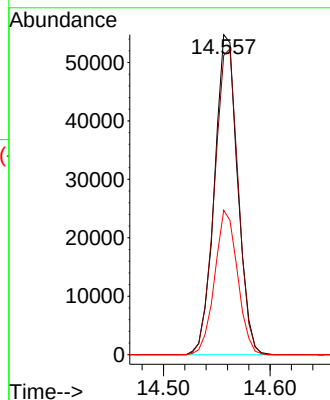
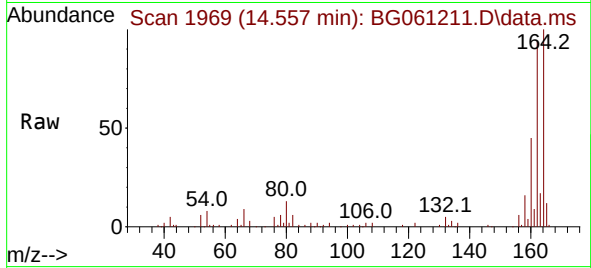




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.557 min Scan# 1974  
Delta R.T. -0.032 min  
Lab File: BG061211.D  
Acq: 15 May 2024 18:24

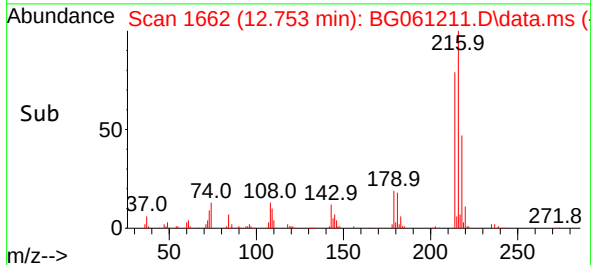
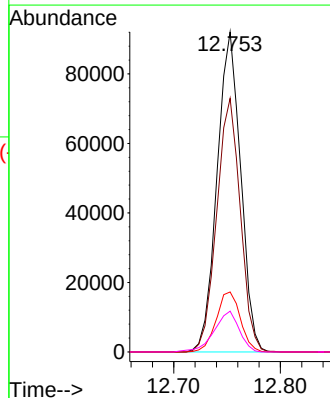
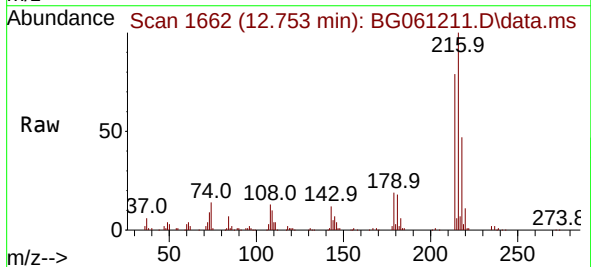
Instrument :  
BNA\_G  
ClientSampleId :  
WC-MH-IIMS

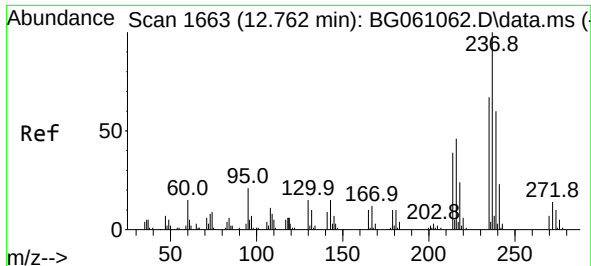
Tgt Ion:164 Resp: 82617  
Ion Ratio Lower Upper  
164 100  
162 93.5 79.4 119.2  
160 45.2 37.0 55.6



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 51.253 ng  
RT: 12.753 min Scan# 1662  
Delta R.T. -0.026 min  
Lab File: BG061211.D  
Acq: 15 May 2024 18:24

Tgt Ion:216 Resp: 141315  
Ion Ratio Lower Upper  
216 100  
214 79.3 64.2 96.2  
179 19.2 15.4 23.2  
108 13.6 11.1 16.7

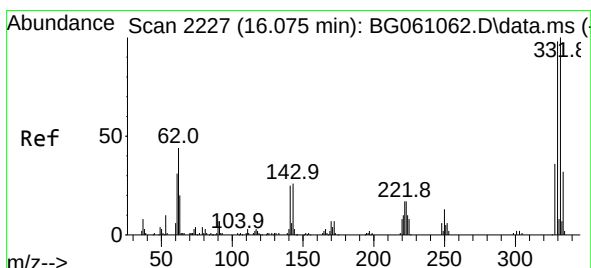
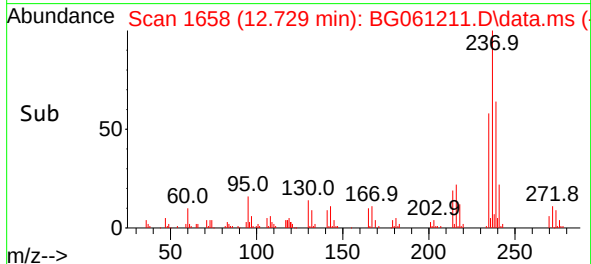
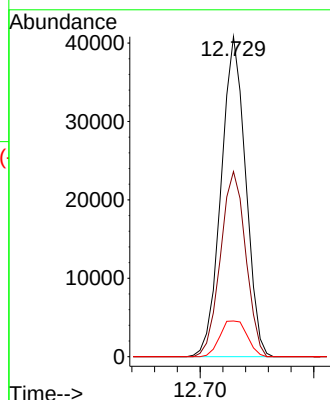
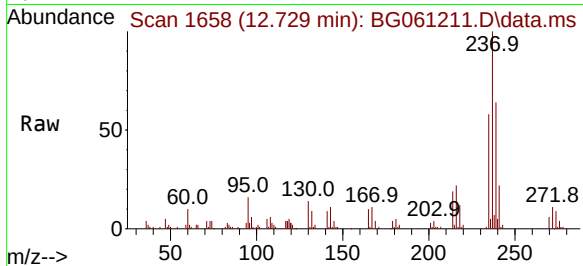




#41  
Hexachlorocyclopentadiene  
Concen: 57.837 ng  
RT: 12.729 min Scan# 1658  
Delta R.T. -0.032 min  
Lab File: BG061211.D  
Acq: 15 May 2024 18:24

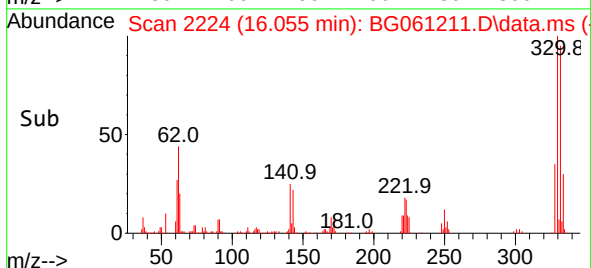
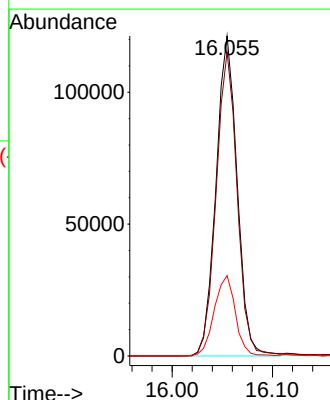
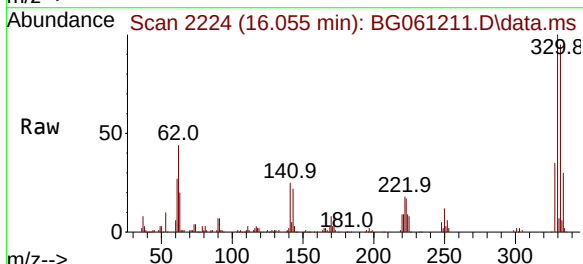
Instrument :  
BNA\_G  
ClientSampleId :  
WC-MH-IIMS

Tgt Ion:237 Resp: 61046  
Ion Ratio Lower Upper  
237 100  
235 57.9 46.5 86.5  
272 11.2 0.0 33.9

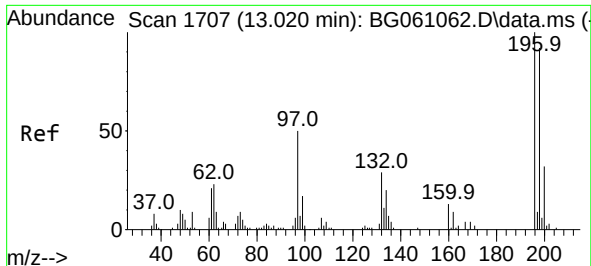


#42  
2,4,6-Tribromophenol  
Concen: 107.226 ng  
RT: 16.055 min Scan# 2224  
Delta R.T. -0.021 min  
Lab File: BG061211.D  
Acq: 15 May 2024 18:24

Tgt Ion:330 Resp: 177069  
Ion Ratio Lower Upper  
330 100  
332 95.2 78.6 117.8  
141 25.2 20.5 30.7



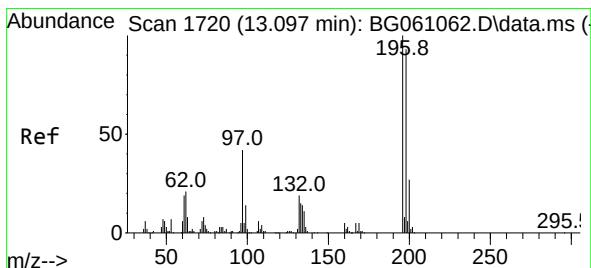
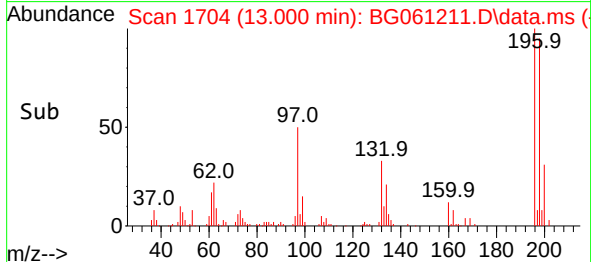
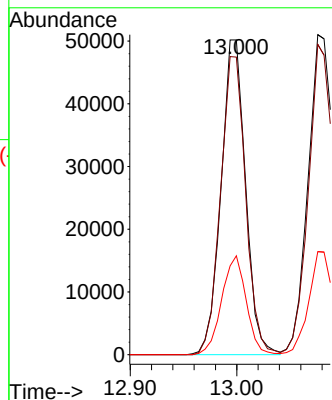
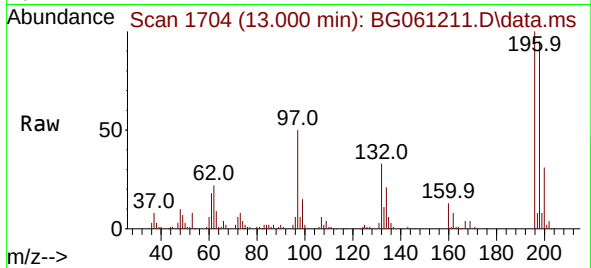




#43  
2,4,6-Trichlorophenol  
Concen: 45.298 ng  
RT: 13.000 min Scan# 1717  
Delta R.T. -0.021 min  
Lab File: BG061211.D  
Acq: 15 May 2024 18:24

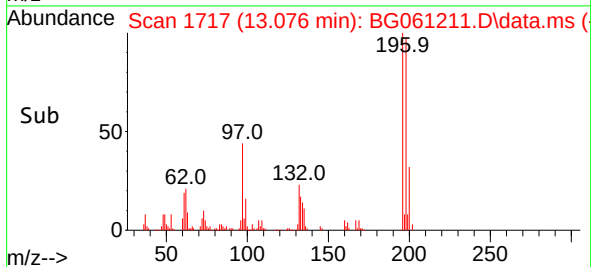
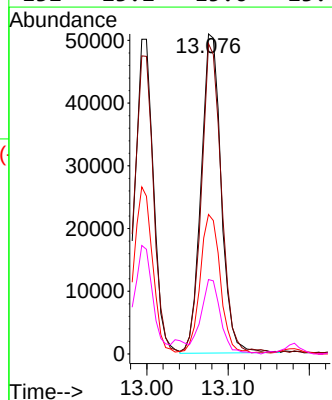
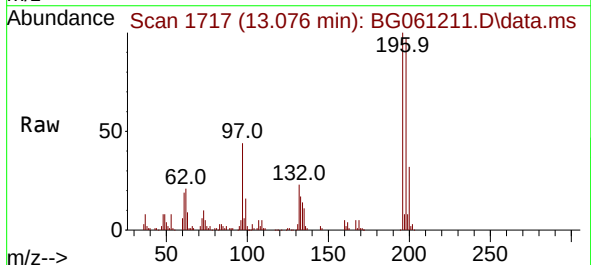
Instrument :  
BNA\_G  
ClientSampleId :  
WC-MH-IIMS

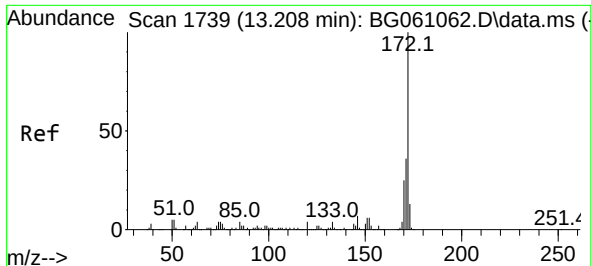
Tgt Ion:196 Resp: 80184  
Ion Ratio Lower Upper  
196 100  
198 94.5 73.8 110.6  
200 31.4 25.5 38.3



#44  
2,4,5-Trichlorophenol  
Concen: 43.505 ng  
RT: 13.076 min Scan# 1717  
Delta R.T. -0.021 min  
Lab File: BG061211.D  
Acq: 15 May 2024 18:24

Tgt Ion:196 Resp: 87158  
Ion Ratio Lower Upper  
196 100  
198 96.9 74.3 111.5  
97 43.6 33.6 50.4  
132 23.2 15.6 23.4

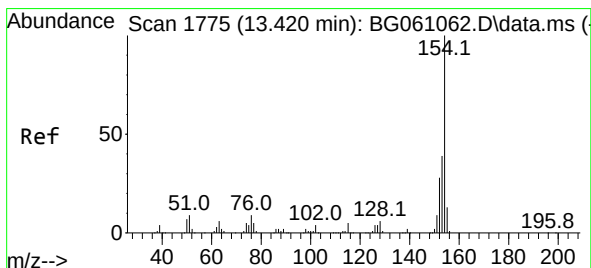
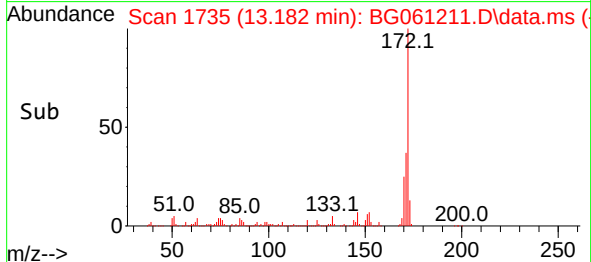
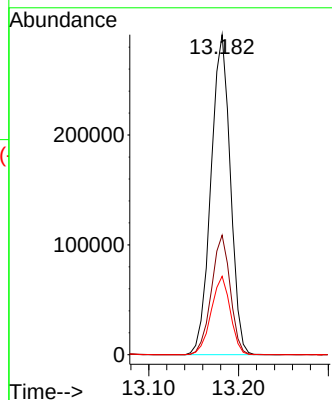
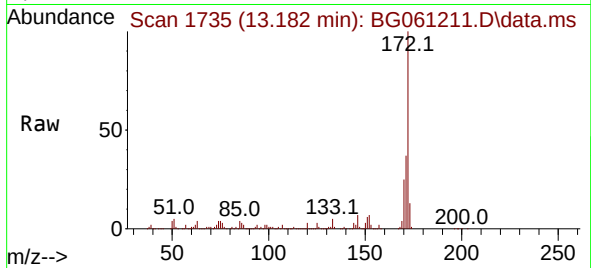




#45  
2-Fluorobiphenyl  
Concen: 78.097 ng  
RT: 13.182 min Scan# 1735  
Delta R.T. -0.026 min  
Lab File: BG061211.D  
Acq: 15 May 2024 18:24

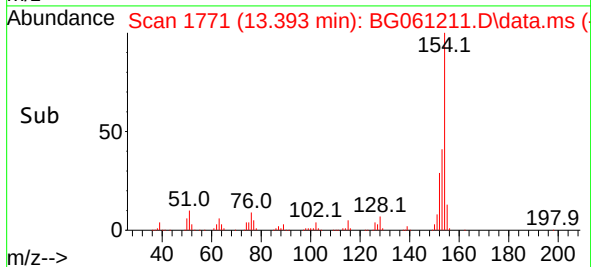
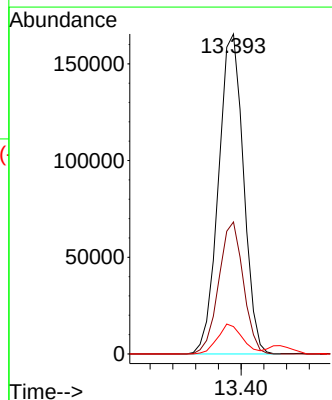
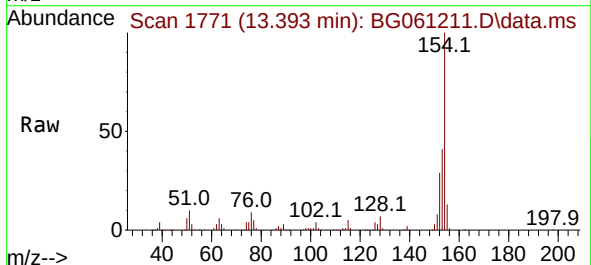
Instrument :  
BNA\_G  
ClientSampleId :  
WC-MH-IIMS

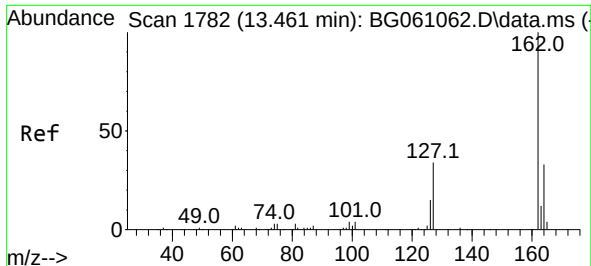
Tgt Ion:172 Resp: 436334  
Ion Ratio Lower Upper  
172 100  
171 37.4 29.0 43.6  
170 24.5 20.2 30.4



#46  
1,1'-Biphenyl  
Concen: 47.667 ng  
RT: 13.393 min Scan# 1771  
Delta R.T. -0.027 min  
Lab File: BG061211.D  
Acq: 15 May 2024 18:24

Tgt Ion:154 Resp: 252503  
Ion Ratio Lower Upper  
154 100  
153 41.2 19.3 59.3  
76 8.5 0.0 28.8





#47

2-Chloronaphthalene

Concen: 45.930 ng

RT: 13.434 min Scan# 1

Delta R.T. -0.027 min

Lab File: BG061211.D

Acq: 15 May 2024 18:24

Instrument :

BNA\_G

ClientSampleId :

WC-MH-IIMS

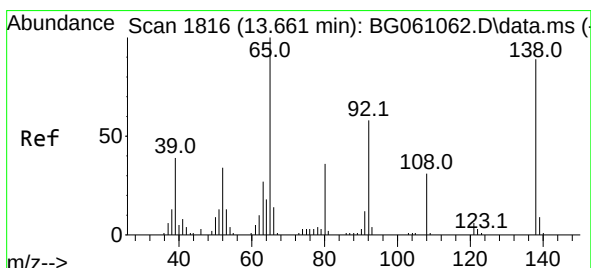
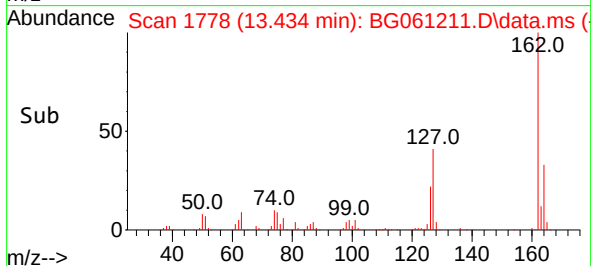
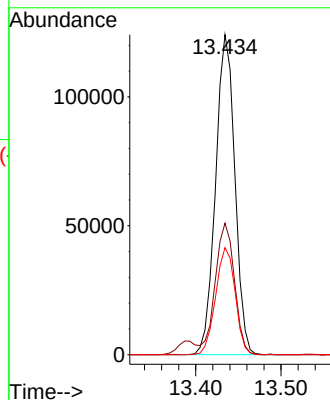
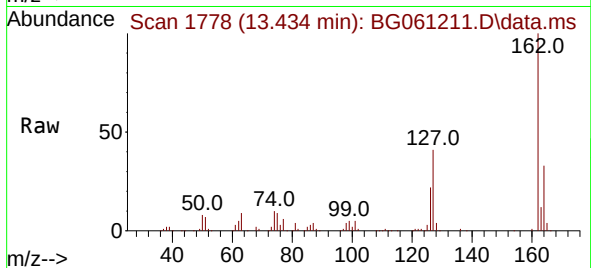
Tgt Ion:162 Resp: 194824

Ion Ratio Lower Upper

162 100

127 41.1 30.7 46.1

164 33.5 26.8 40.2



#48

2-Nitroaniline

Concen: 45.842 ng

RT: 13.640 min Scan# 1813

Delta R.T. -0.021 min

Lab File: BG061211.D

Acq: 15 May 2024 18:24

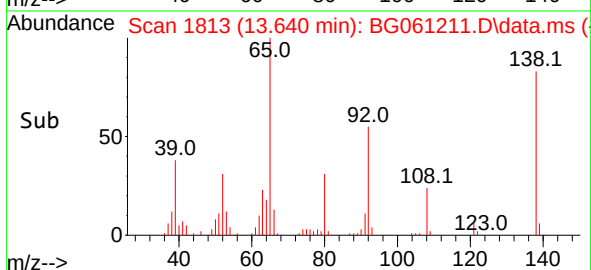
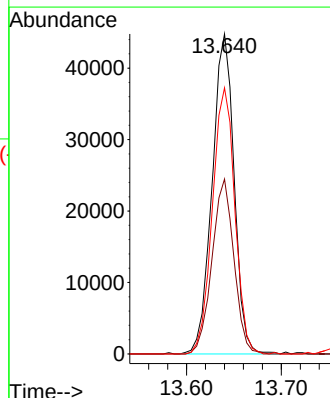
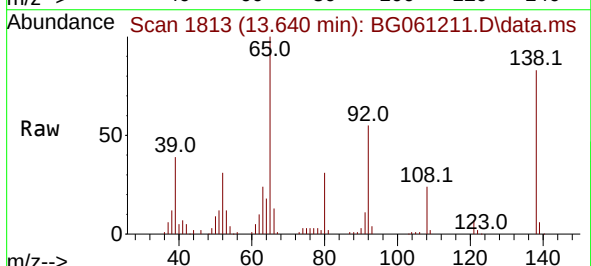
Tgt Ion: 65 Resp: 72157

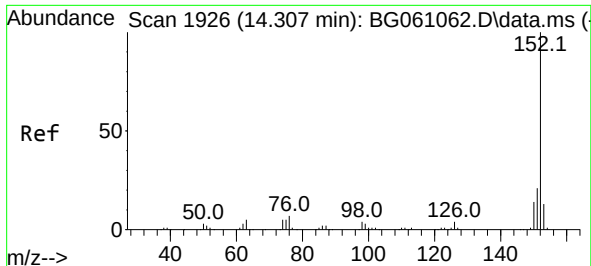
Ion Ratio Lower Upper

65 100

92 54.6 46.7 70.1

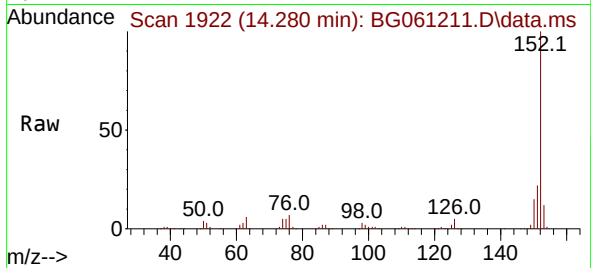
138 83.2 71.4 107.2



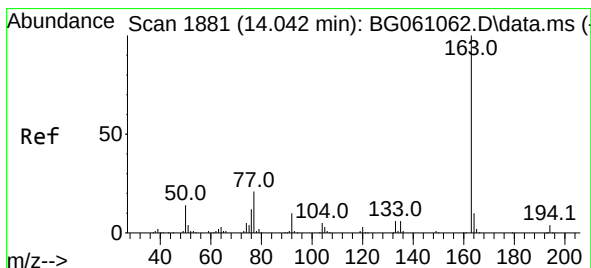
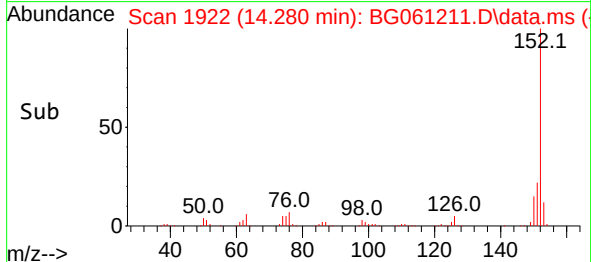
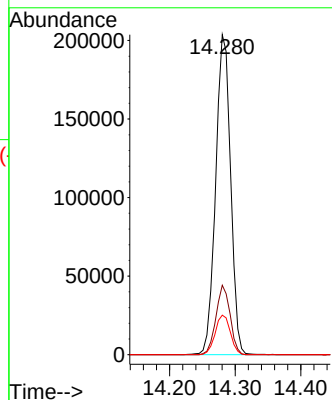


#49  
Acenaphthylene  
Concen: 49.220 ng  
RT: 14.280 min Scan# 1926  
Delta R.T. -0.027 min  
Lab File: BG061211.D  
Acq: 15 May 2024 18:24

Instrument :  
BNA\_G  
ClientSampleId :  
WC-MH-IIMS

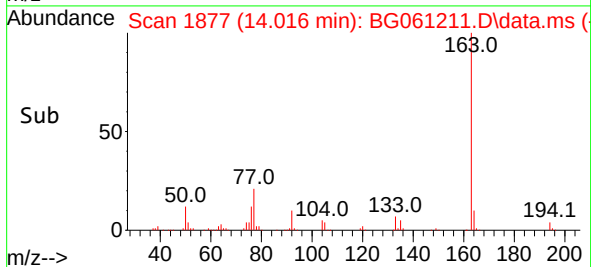
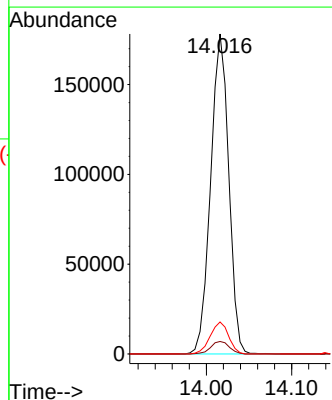
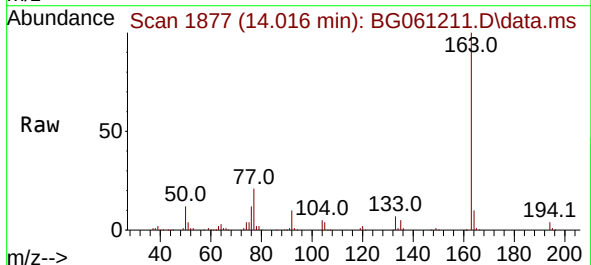


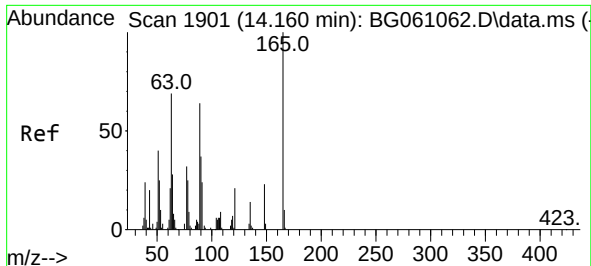
Tgt Ion:152 Resp: 320664  
Ion Ratio Lower Upper  
152 100  
151 21.7 16.9 25.3  
153 12.4 10.6 15.8



#50  
Dimethylphthalate  
Concen: 41.104 ng  
RT: 14.016 min Scan# 1877  
Delta R.T. -0.027 min  
Lab File: BG061211.D  
Acq: 15 May 2024 18:24

Tgt Ion:163 Resp: 262296  
Ion Ratio Lower Upper  
163 100  
194 3.9 3.2 4.8  
164 10.0 7.8 11.8

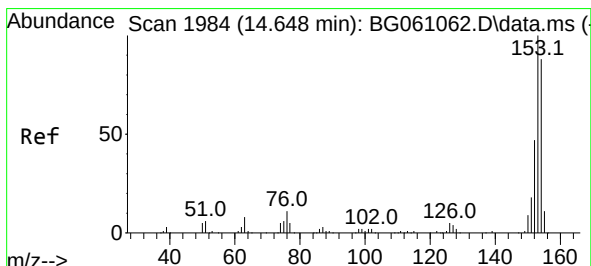
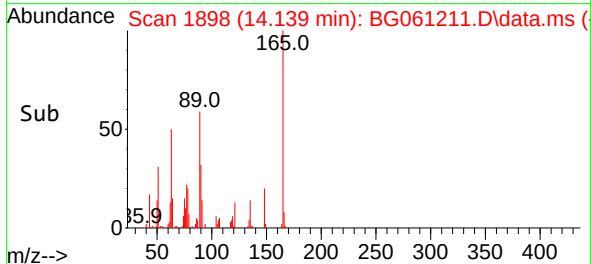
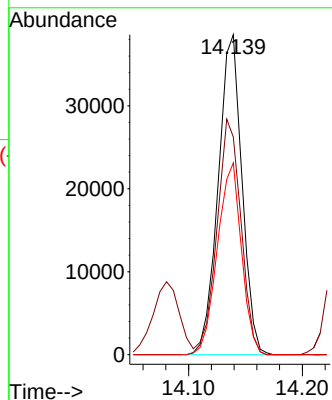
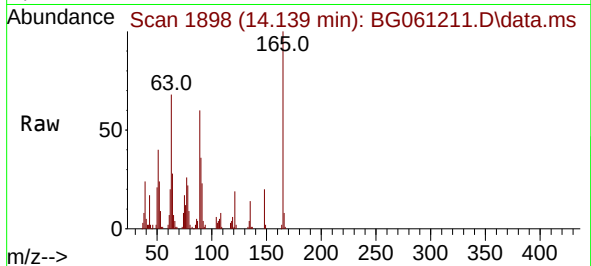




#51  
2,6-Dinitrotoluene  
Concen: 41.077 ng  
RT: 14.139 min Scan# 1898  
Delta R.T. -0.021 min  
Lab File: BG061211.D  
Acq: 15 May 2024 18:24

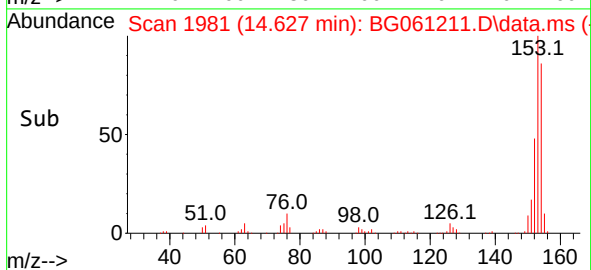
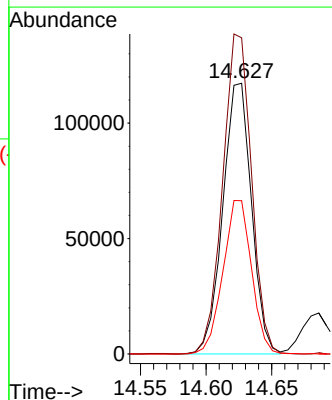
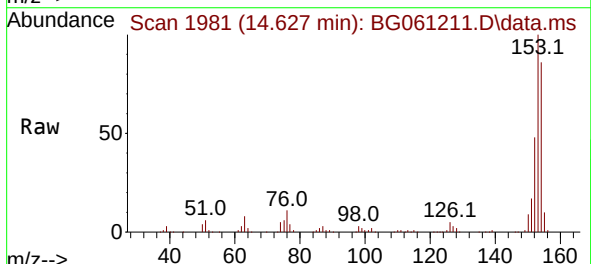
Instrument :  
BNA\_G  
ClientSampleId :  
WC-MH-IIMS

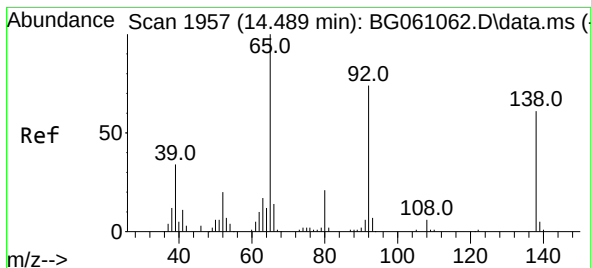
Tgt Ion:165 Resp: 56067  
Ion Ratio Lower Upper  
165 100  
63 68.0 60.0 90.0  
89 60.0 50.9 76.3



#52  
Acenaphthene  
Concen: 43.864 ng  
RT: 14.627 min Scan# 1981  
Delta R.T. -0.021 min  
Lab File: BG061211.D  
Acq: 15 May 2024 18:24

Tgt Ion:154 Resp: 178270  
Ion Ratio Lower Upper  
154 100  
153 116.7 91.0 136.4  
152 56.6 43.1 64.7

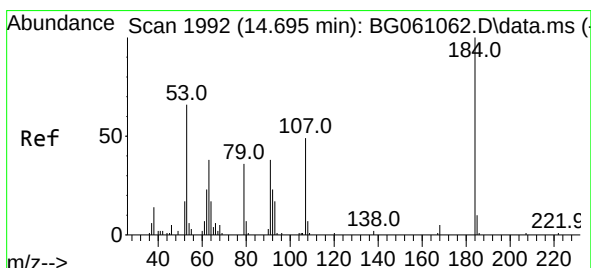
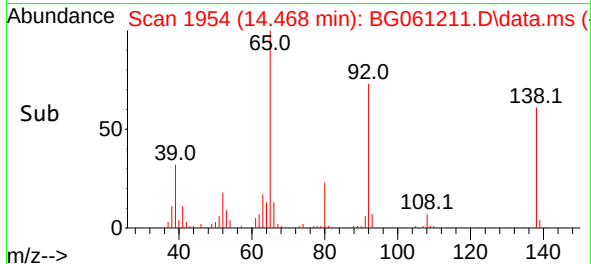
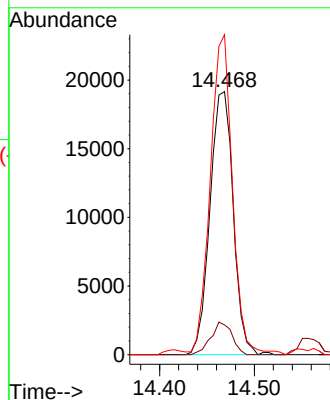
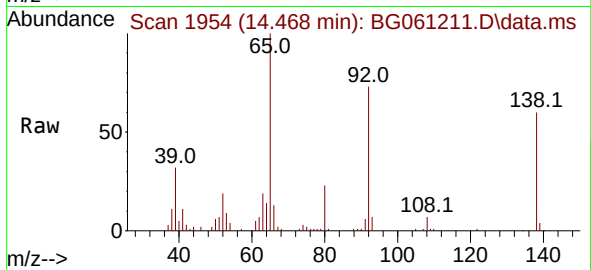




#53  
3-Nitroaniline  
Concen: 26.195 ng  
RT: 14.468 min Scan# 1954  
Delta R.T. -0.021 min  
Lab File: BG061211.D  
Acq: 15 May 2024 18:24

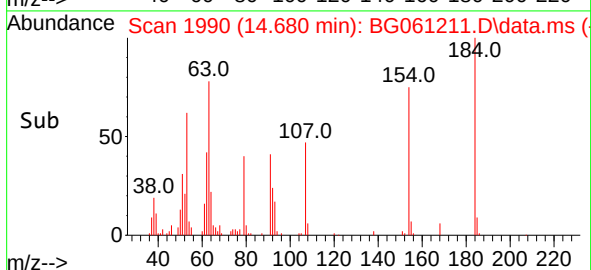
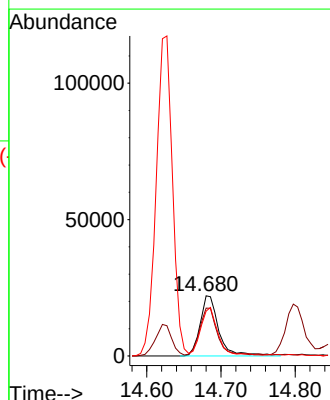
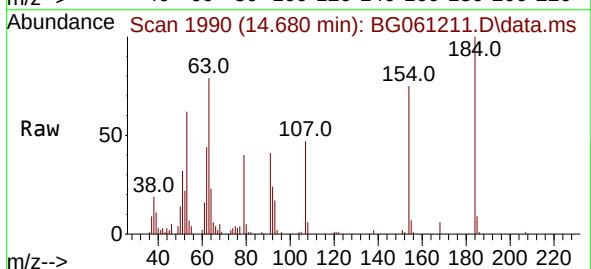
Instrument :  
BNA\_G  
ClientSampleId :  
WC-MH-IIMS

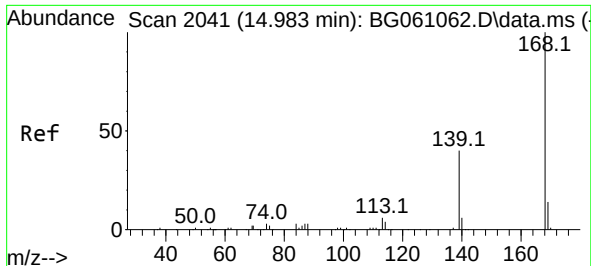
Tgt Ion:138 Resp: 32715  
Ion Ratio Lower Upper  
138 100  
108 11.3 8.2 12.2  
92 121.6 98.0 147.0



#54  
2,4-Dinitrophenol  
Concen: 41.092 ng  
RT: 14.680 min Scan# 1990  
Delta R.T. -0.015 min  
Lab File: BG061211.D  
Acq: 15 May 2024 18:24

Tgt Ion:184 Resp: 38690  
Ion Ratio Lower Upper  
184 100  
63 79.4 62.6 93.8  
154 74.6 61.4 92.0

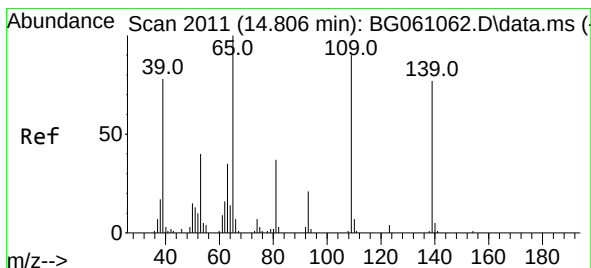
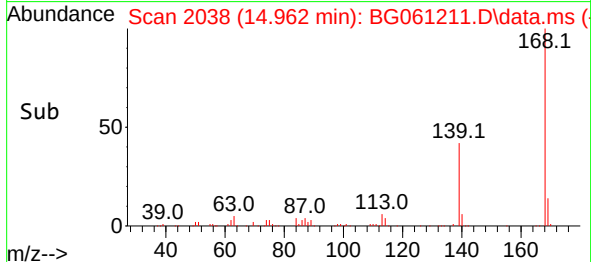
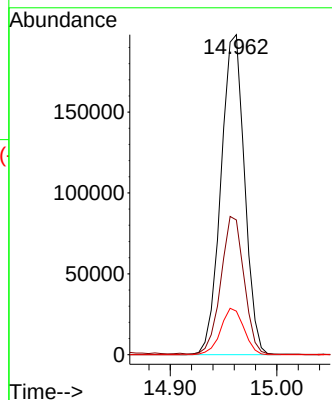
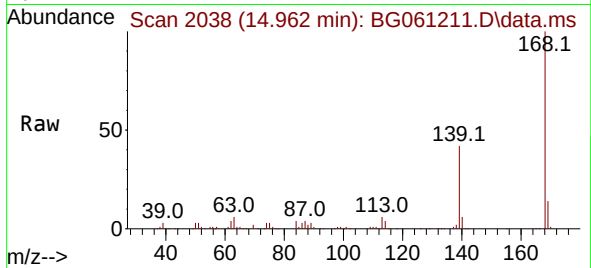




#55  
Dibenzenofuran  
Concen: 44.265 ng  
RT: 14.962 min Scan# 2010  
Delta R.T. -0.021 min  
Lab File: BG061211.D  
Acq: 15 May 2024 18:24

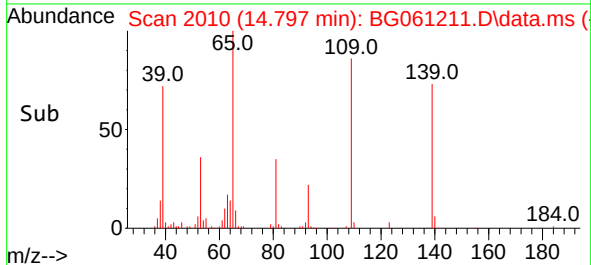
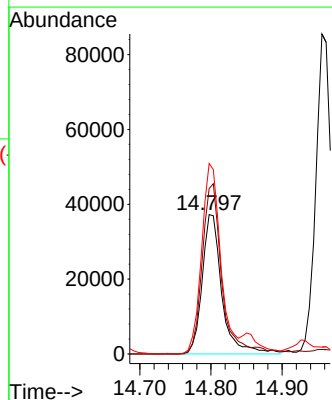
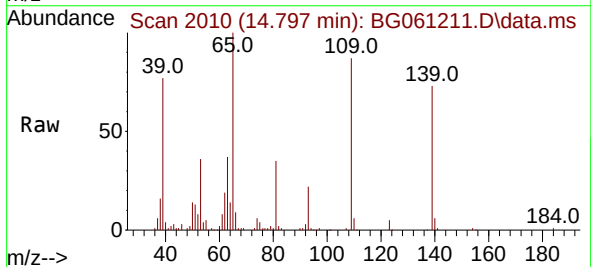
Instrument :  
BNA\_G  
ClientSampleId :  
WC-MH-IIMS

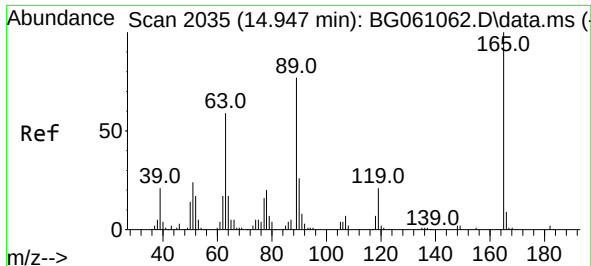
Tgt Ion:168 Resp: 303866  
Ion Ratio Lower Upper  
168 100  
139 42.1 32.2 48.4  
169 13.6 11.4 17.2



#56  
4-Nitrophenol  
Concen: 71.327 ng  
RT: 14.797 min Scan# 2010  
Delta R.T. -0.009 min  
Lab File: BG061211.D  
Acq: 15 May 2024 18:24

Tgt Ion:139 Resp: 71991  
Ion Ratio Lower Upper  
139 100  
109 118.8 97.7 137.7  
65 136.6 110.7 150.7





#57

2,4-Dinitrotoluene

Concen: 39.338 ng

RT: 14.933 min Scan# 2033

Delta R.T. -0.015 min

Lab File: BG061211.D

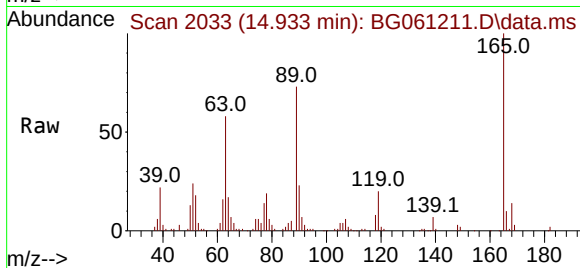
Acq: 15 May 2024 18:24

Instrument :

BNA\_G

ClientSampleId :

WC-MH-IIMS



Tgt Ion:165 Resp: 79439

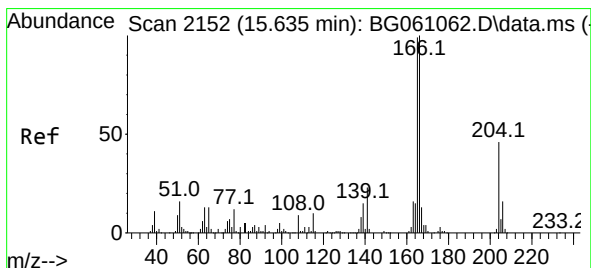
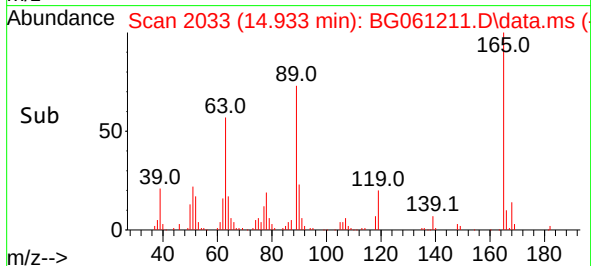
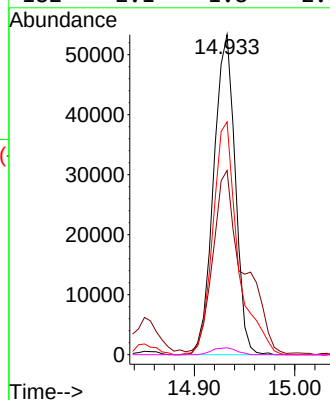
Ion Ratio Lower Upper

165 100

63 57.6 47.3 70.9

89 72.7 61.8 92.8

182 2.1 1.8 2.6



#58

Fluorene

Concen: 42.464 ng

RT: 15.608 min Scan# 2148

Delta R.T. -0.027 min

Lab File: BG061211.D

Acq: 15 May 2024 18:24

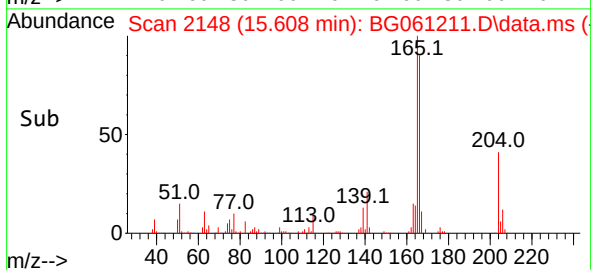
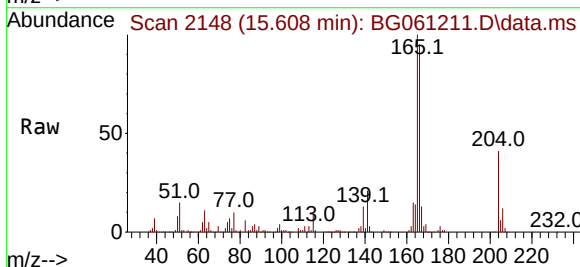
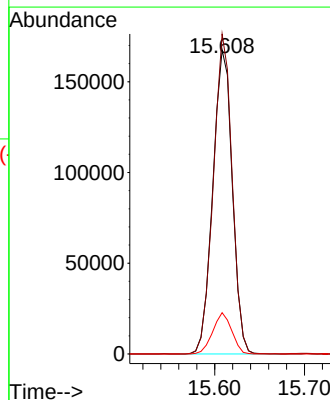
Tgt Ion:166 Resp: 252245

Ion Ratio Lower Upper

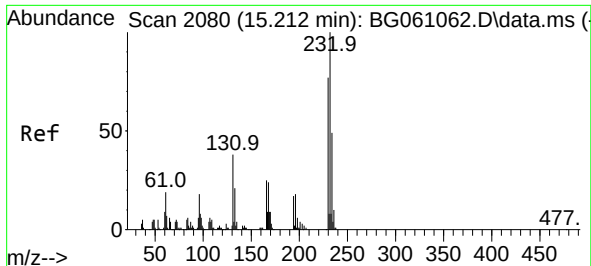
166 100

165 105.3 78.9 118.3

167 13.6 10.6 15.8



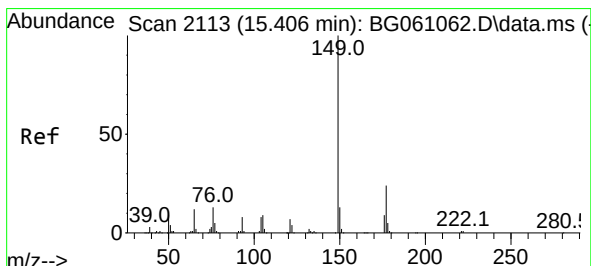
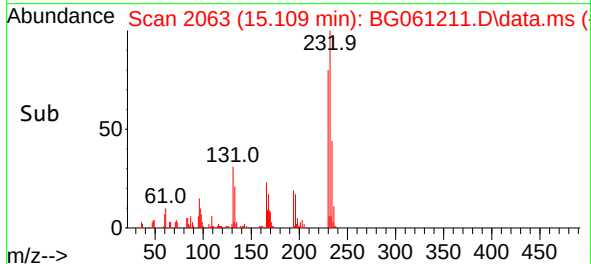
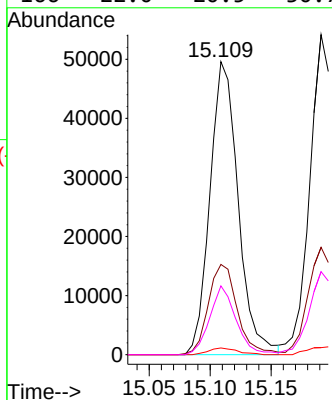
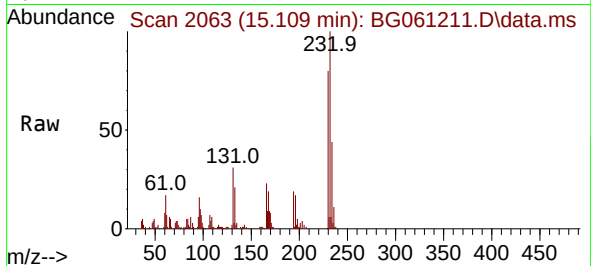




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 38.785 ng  
RT: 15.109 min Scan# 2080  
Delta R.T. -0.103 min  
Lab File: BG061211.D  
Acq: 15 May 2024 18:24

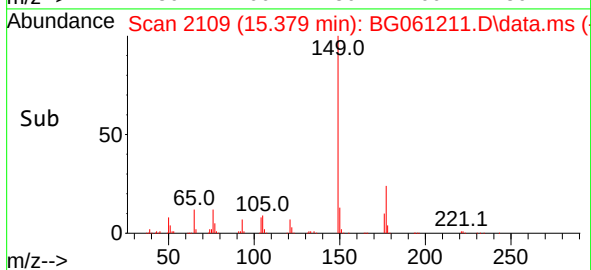
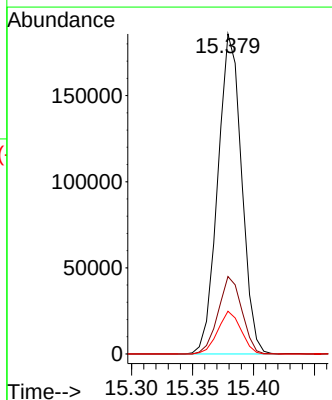
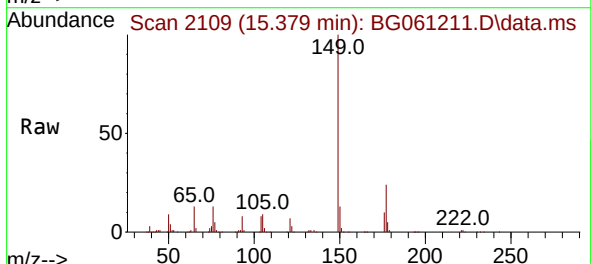
Instrument :  
BNA\_G  
ClientSampleId :  
WC-MH-IIMS

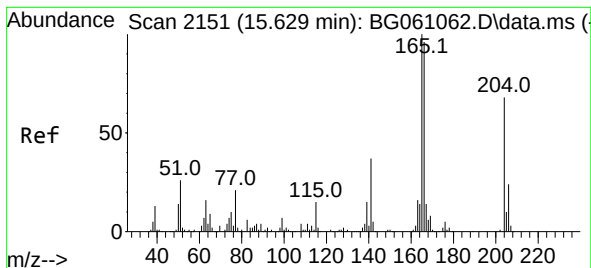
|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:232 | Resp: | 79986     |
| Ion Ratio   | Lower | Upper     |
| 232         | 100   |           |
| 131         | 31.7  | 27.0 40.4 |
| 130         | 2.4   | 1.7 2.5   |
| 166         | 22.0  | 20.5 30.7 |



#60  
Diethylphthalate  
Concen: 39.281 ng  
RT: 15.379 min Scan# 2109  
Delta R.T. -0.026 min  
Lab File: BG061211.D  
Acq: 15 May 2024 18:24

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:149 | Resp: | 252773    |
| Ion Ratio   | Lower | Upper     |
| 149         | 100   |           |
| 177         | 24.2  | 19.1 28.7 |
| 150         | 13.3  | 10.6 16.0 |

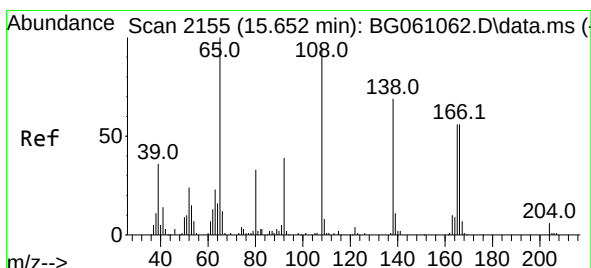
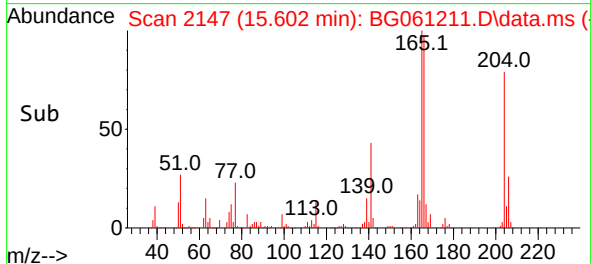
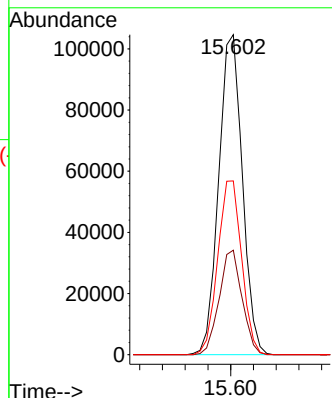
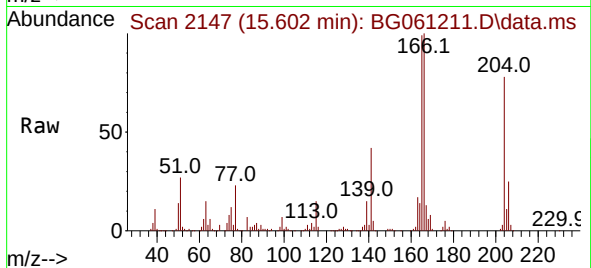




#61  
4-Chlorophenyl-phenylether  
Concen: 42.388 ng  
RT: 15.602 min Scan# 2147  
Delta R.T. -0.027 min  
Lab File: BG061211.D  
Acq: 15 May 2024 18:24

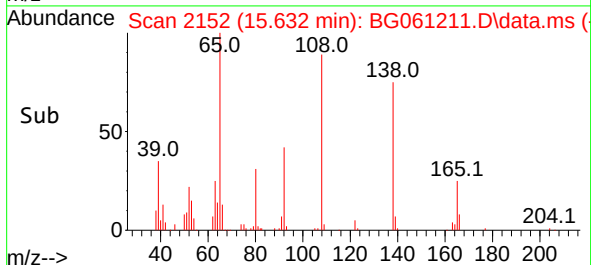
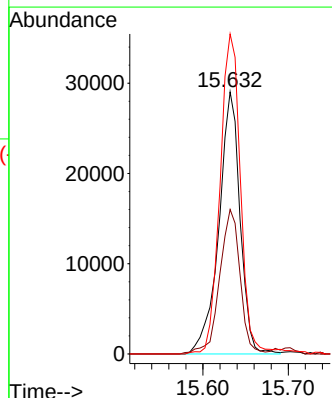
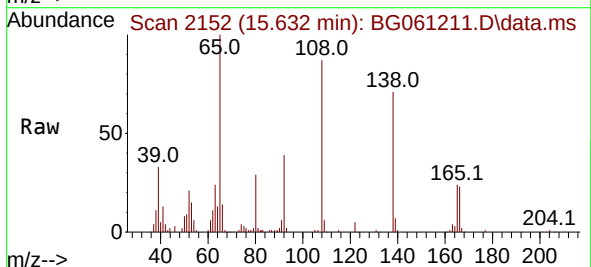
Instrument :  
BNA\_G  
ClientSampleId :  
WC-MH-IIMS

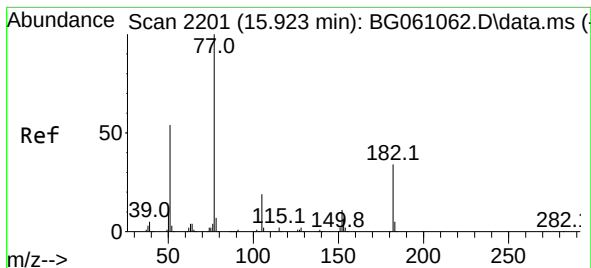
Tgt Ion:204 Resp: 151189  
Ion Ratio Lower Upper  
204 100  
206 32.6 27.8 41.6  
141 54.3 42.9 64.3



#62  
4-Nitroaniline  
Concen: 37.040 ng  
RT: 15.632 min Scan# 2152  
Delta R.T. -0.021 min  
Lab File: BG061211.D  
Acq: 15 May 2024 18:24

Tgt Ion:138 Resp: 50172  
Ion Ratio Lower Upper  
138 100  
92 55.1 35.5 75.5  
108 122.1 116.2 156.2





#63

Azobenzene

Concen: 44.104 ng

RT: 15.896 min Scan# 2197

Delta R.T. -0.027 min

Lab File: BG061211.D

Acq: 15 May 2024 18:24

Instrument :

BNA\_G

ClientSampleId :

WC-MH-IIMS

Tgt Ion: 77 Resp: 220933

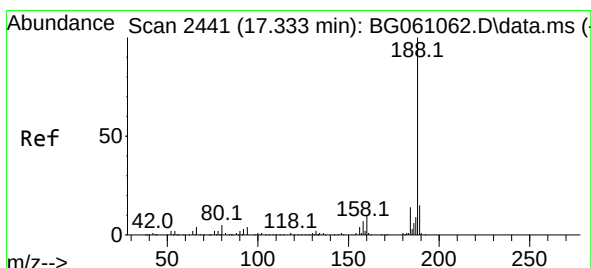
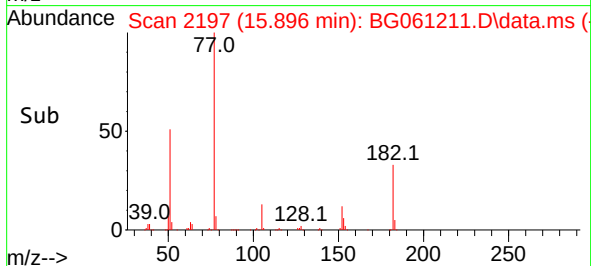
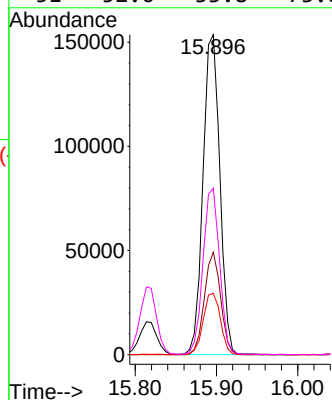
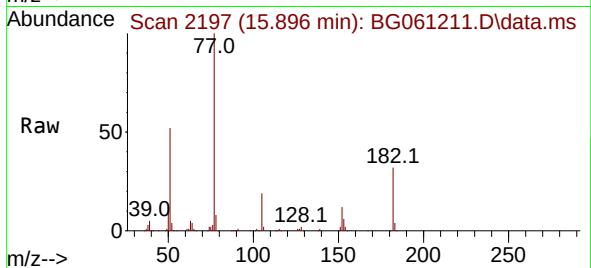
Ion Ratio Lower Upper

77 100

182 32.0 13.5 53.5

105 19.2 0.0 39.3

51 52.0 33.8 73.8



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.306 min Scan# 2437

Delta R.T. -0.026 min

Lab File: BG061211.D

Acq: 15 May 2024 18:24

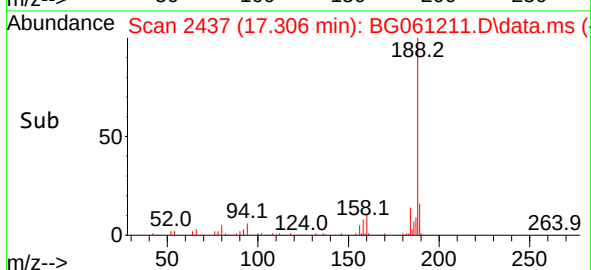
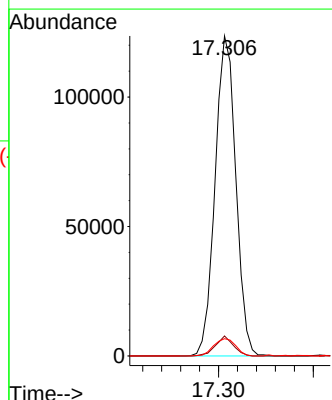
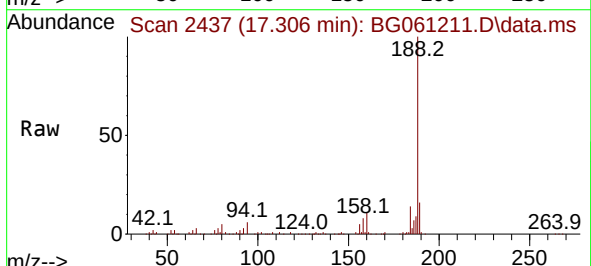
Tgt Ion:188 Resp: 187682

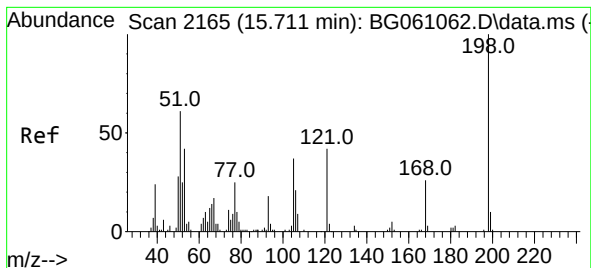
Ion Ratio Lower Upper

188 100

94 6.3 3.6 5.4#

80 5.4 4.2 6.2

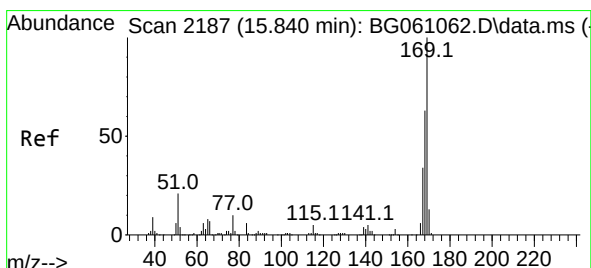
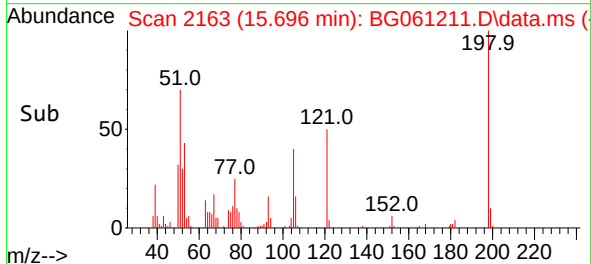
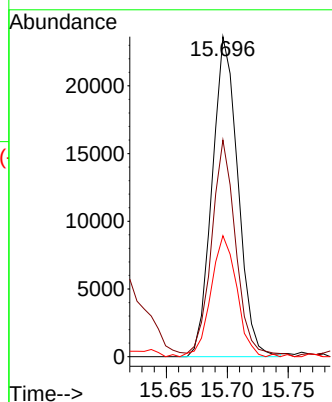
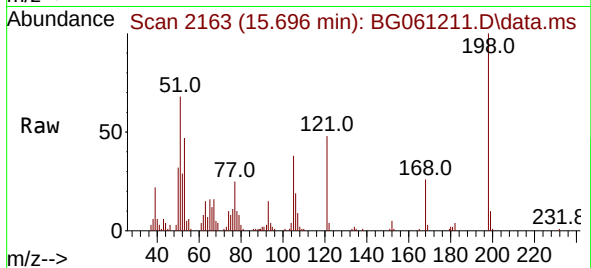




#65  
4,6-Dinitro-2-methylphenol  
Concen: 29.888 ng  
RT: 15.696 min Scan# 2163  
Delta R.T. -0.015 min  
Lab File: BG061211.D  
Acq: 15 May 2024 18:24

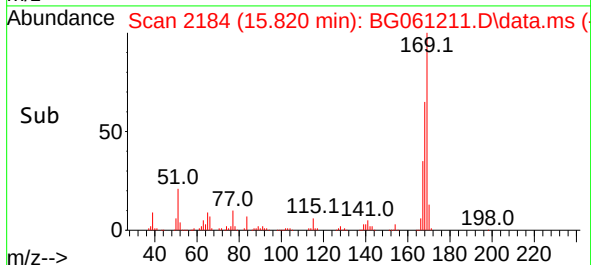
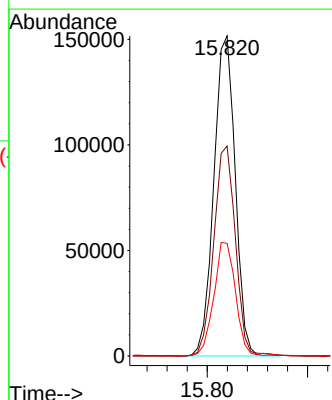
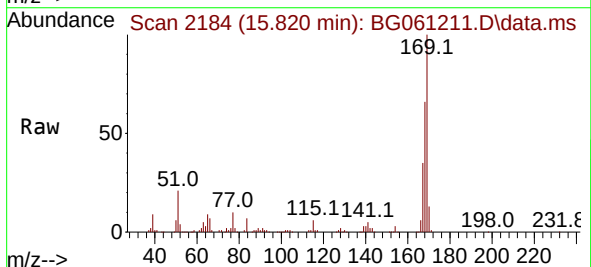
Instrument :  
BNA\_G  
ClientSampleId :  
WC-MH-IIMS

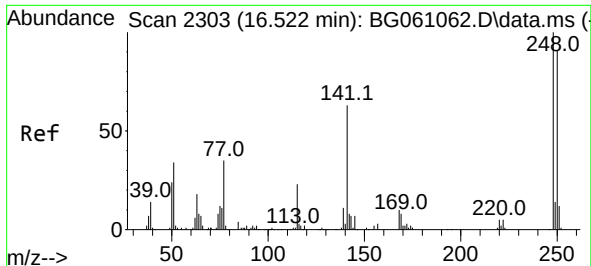
Tgt Ion:198 Resp: 34804  
Ion Ratio Lower Upper  
198 100  
51 67.7 41.2 81.2  
105 37.8 16.7 56.7



#66  
n-Nitrosodiphenylamine  
Concen: 48.075 ng  
RT: 15.820 min Scan# 2184  
Delta R.T. -0.021 min  
Lab File: BG061211.D  
Acq: 15 May 2024 18:24

Tgt Ion:169 Resp: 223751  
Ion Ratio Lower Upper  
169 100  
168 65.6 50.6 75.8  
167 35.2 27.4 41.2

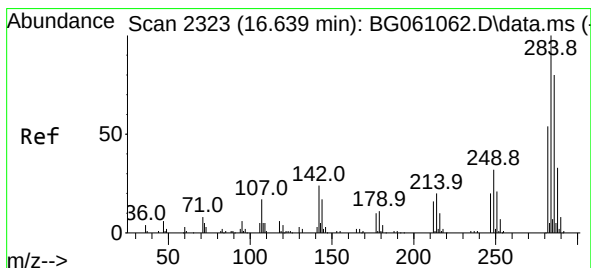
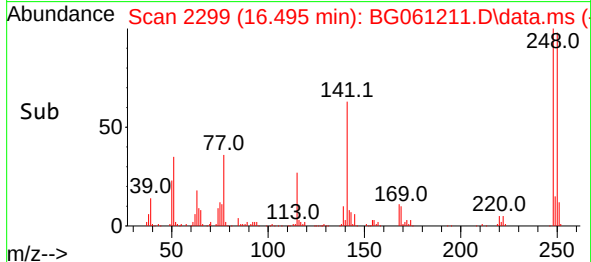
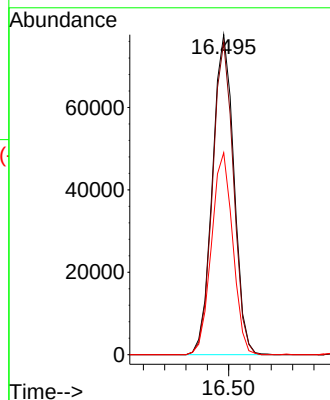
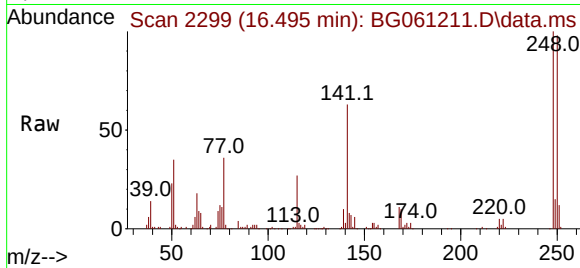




#67  
4-Bromophenyl-phenylether  
Concen: 48.993 ng  
RT: 16.495 min Scan# 21  
Delta R.T. -0.027 min  
Lab File: BG061211.D  
Acq: 15 May 2024 18:24

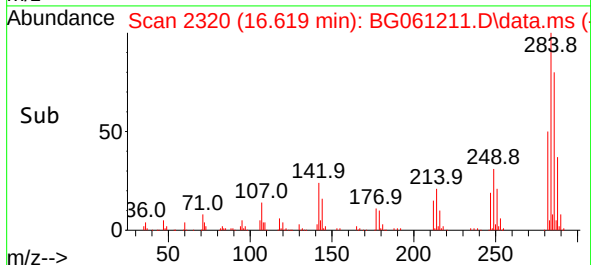
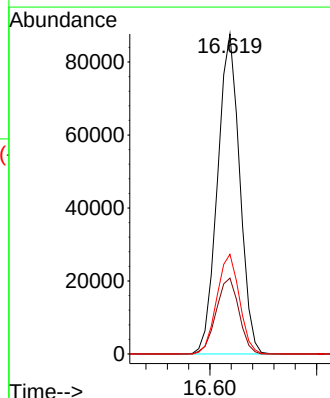
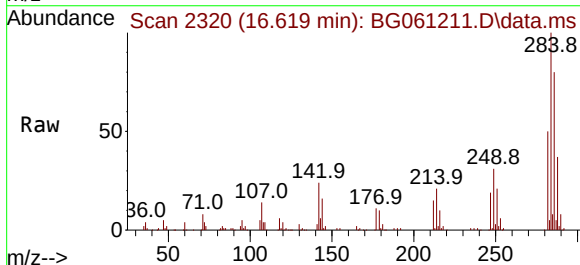
Instrument :  
BNA\_G  
ClientSampleId :  
WC-MH-IIMS

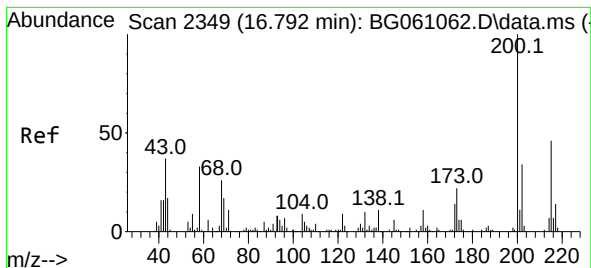
Tgt Ion:248 Resp: 108319  
Ion Ratio Lower Upper  
248 100  
250 97.7 73.0 109.4  
141 63.1 50.8 76.2



#68  
Hexachlorobenzene  
Concen: 45.944 ng  
RT: 16.619 min Scan# 2320  
Delta R.T. -0.021 min  
Lab File: BG061211.D  
Acq: 15 May 2024 18:24

Tgt Ion:284 Resp: 126429  
Ion Ratio Lower Upper  
284 100  
142 23.7 19.2 28.8  
249 31.2 25.4 38.2





#69

Atrazine

Concen: 50.323 ng

RT: 16.772 min Scan# 21

Delta R.T. -0.021 min

Lab File: BG061211.D

Acq: 15 May 2024 18:24

Instrument :

BNA\_G

ClientSampleId :

WC-MH-IIMS

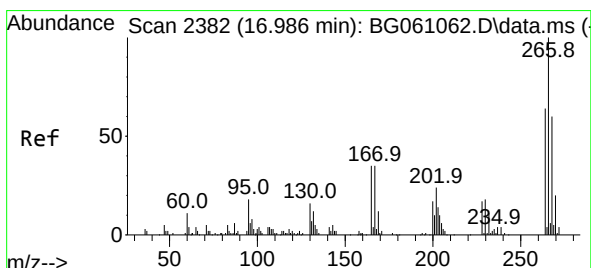
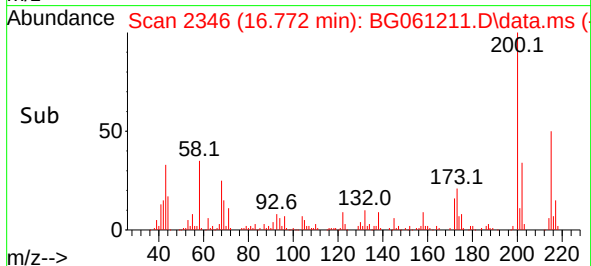
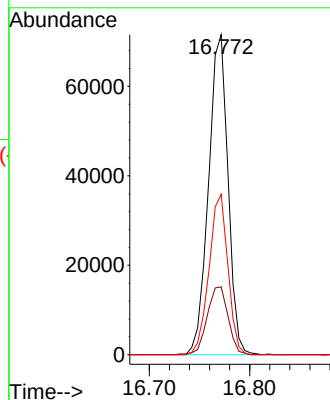
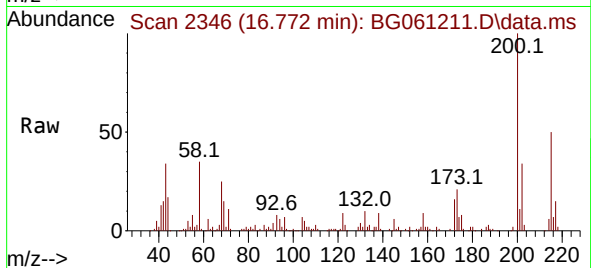
Tgt Ion:200 Resp: 96590

Ion Ratio Lower Upper

200 100

173 21.2 2.0 42.0

215 50.2 26.2 66.2



#70

Pentachlorophenol

Concen: 68.277 ng

RT: 16.965 min Scan# 2379

Delta R.T. -0.021 min

Lab File: BG061211.D

Acq: 15 May 2024 18:24

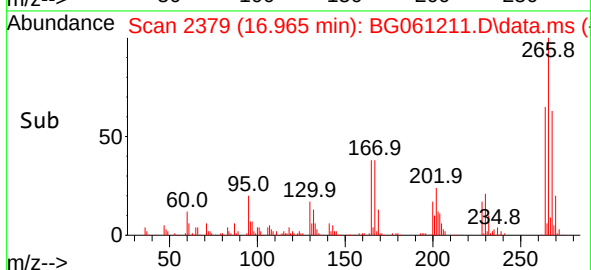
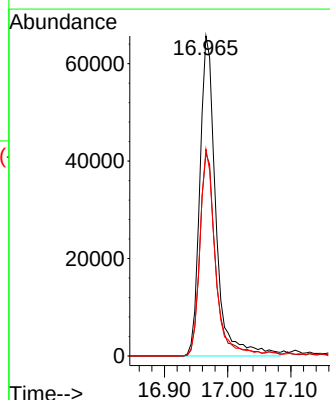
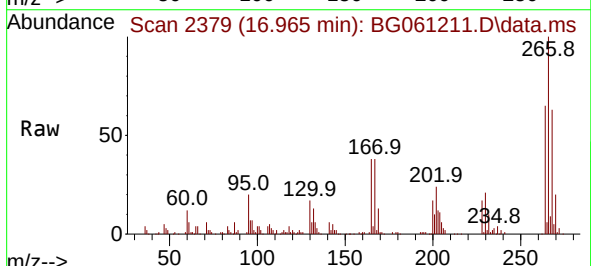
Tgt Ion:266 Resp: 115429

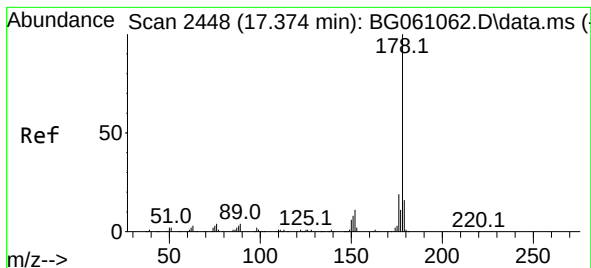
Ion Ratio Lower Upper

266 100

268 63.4 47.8 71.8

264 64.7 51.5 77.3





#71

Phenanthrene

Concen: 48.781 ng

RT: 17.353 min Scan# 2445

Delta R.T. -0.021 min

Lab File: BG061211.D

Acq: 15 May 2024 18:24

Instrument :

BNA\_G

ClientSampleId :

WC-MH-IIMS

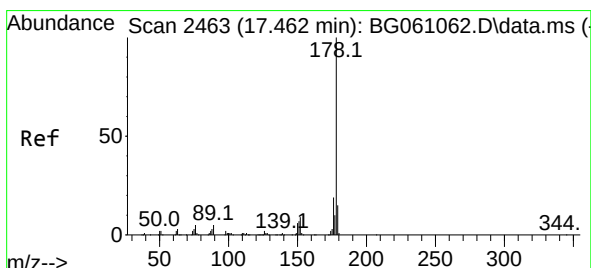
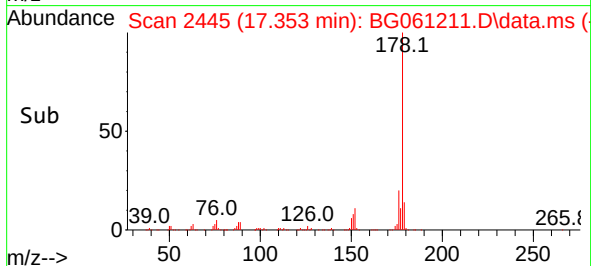
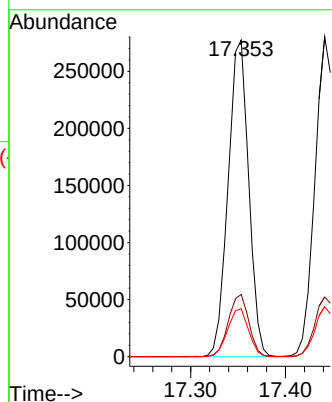
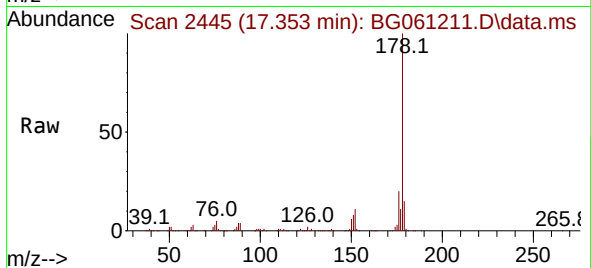
Tgt Ion:178 Resp: 418622

Ion Ratio Lower Upper

178 100

176 19.6 15.5 23.3

179 15.1 12.6 19.0



#72

Anthracene

Concen: 48.182 ng

RT: 17.441 min Scan# 2460

Delta R.T. -0.021 min

Lab File: BG061211.D

Acq: 15 May 2024 18:24

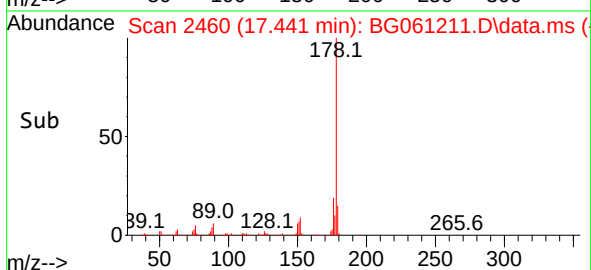
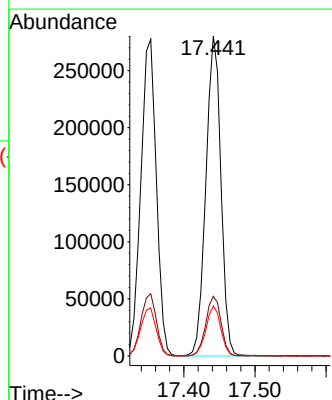
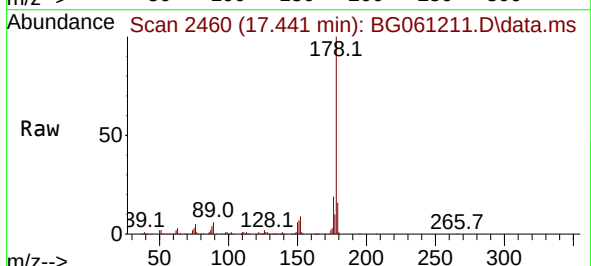
Tgt Ion:178 Resp: 412582

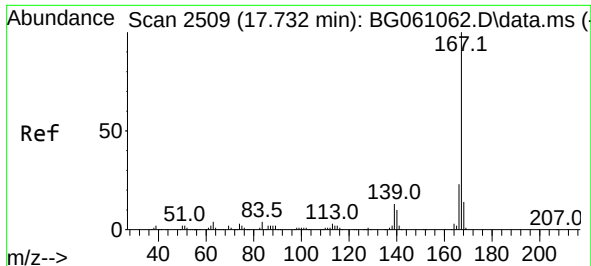
Ion Ratio Lower Upper

178 100

176 18.6 15.0 22.6

179 15.6 12.0 18.0

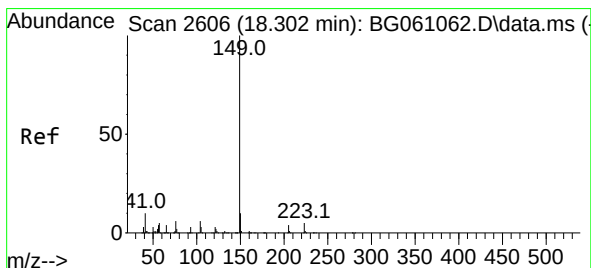
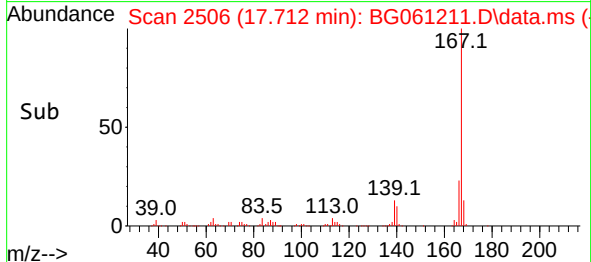
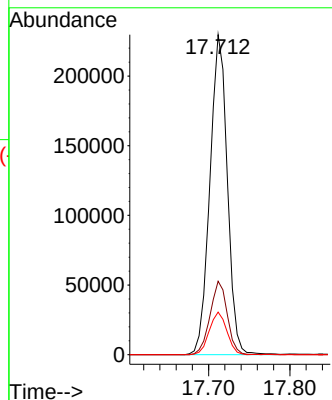
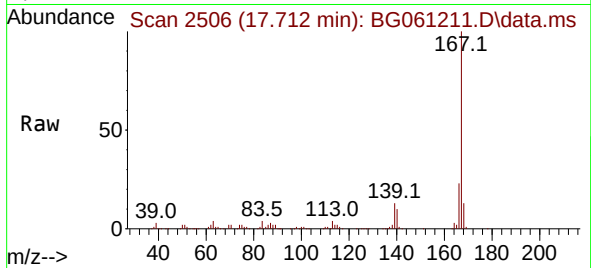




#73  
 Carbazole  
 Concen: 45.395 ng  
 RT: 17.712 min Scan# 21  
 Delta R.T. -0.021 min  
 Lab File: BG061211.D  
 Acq: 15 May 2024 18:24

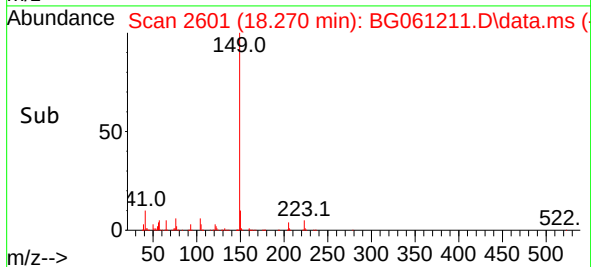
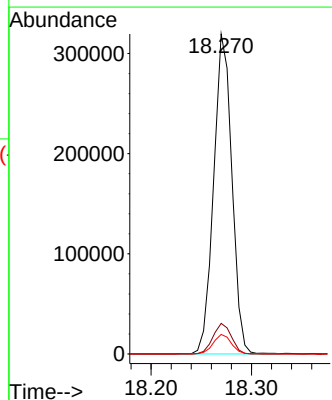
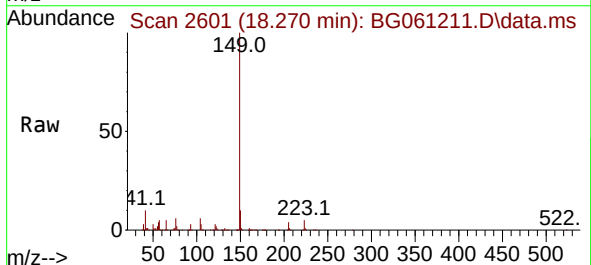
Instrument :  
 BNA\_G  
 ClientSampleId :  
 WC-MH-IIMS

Tgt Ion:167 Resp: 341775  
 Ion Ratio Lower Upper  
 167 100  
 166 22.9 18.7 28.1  
 139 13.3 10.6 15.8

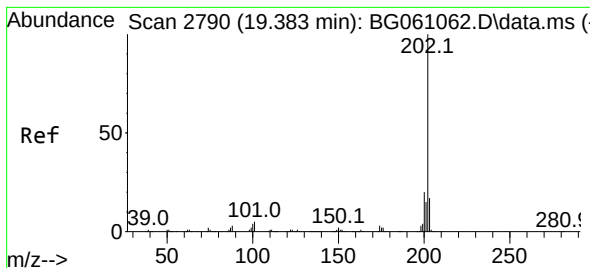


#74  
 Di-n-butylphthalate  
 Concen: 45.044 ng  
 RT: 18.270 min Scan# 2601  
 Delta R.T. -0.032 min  
 Lab File: BG061211.D  
 Acq: 15 May 2024 18:24

Tgt Ion:149 Resp: 403261  
 Ion Ratio Lower Upper  
 149 100  
 150 9.6 7.7 11.5  
 104 6.1 5.0 7.6







#75

Fluoranthene

Concen: 45.505 ng

RT: 19.363 min Scan# 21

Delta R.T. -0.021 min

Lab File: BG061211.D

Acq: 15 May 2024 18:24

Instrument :

BNA\_G

ClientSampleId :

WC-MH-IIMS

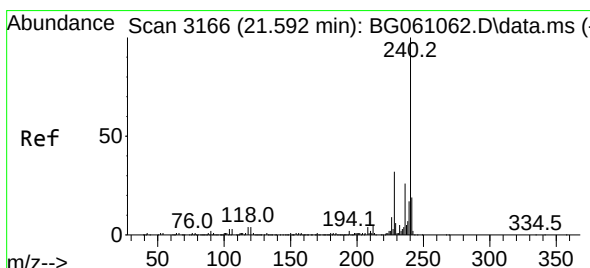
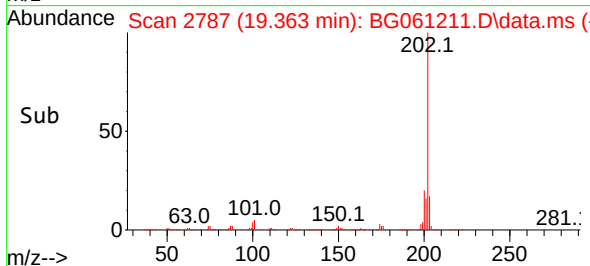
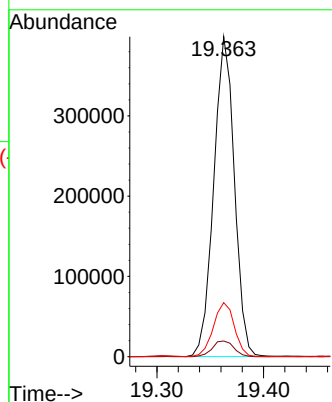
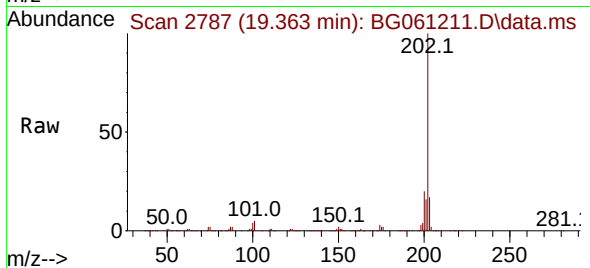
Tgt Ion:202 Resp: 534982

Ion Ratio Lower Upper

202 100

101 4.9 0.0 24.7

203 16.9 0.0 37.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.572 min Scan# 3163

Delta R.T. -0.021 min

Lab File: BG061211.D

Acq: 15 May 2024 18:24

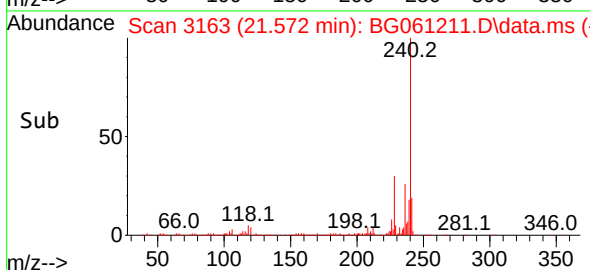
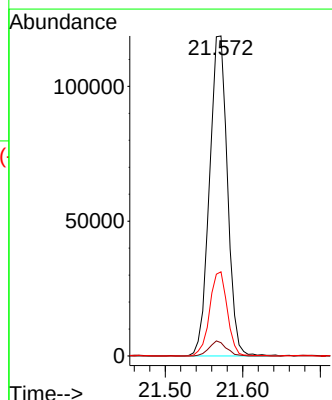
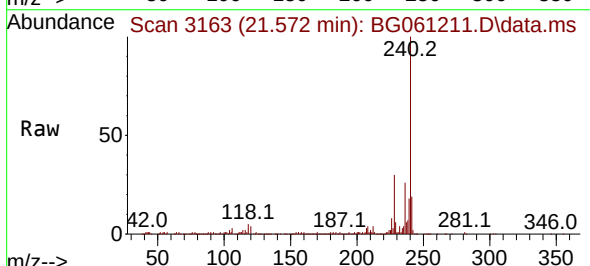
Tgt Ion:240 Resp: 190818

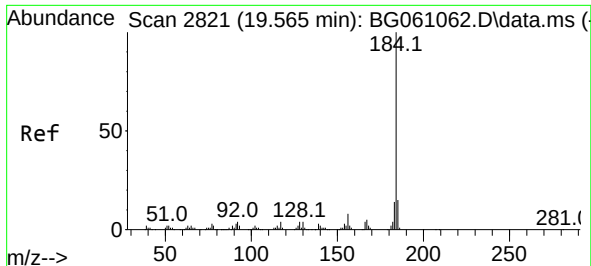
Ion Ratio Lower Upper

240 100

120 4.2 3.2 4.8

236 26.3 21.0 31.6

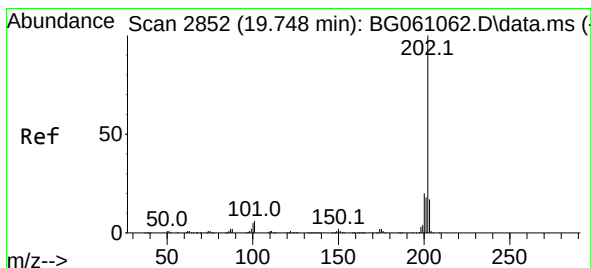
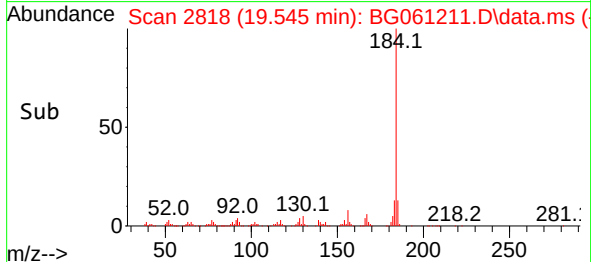
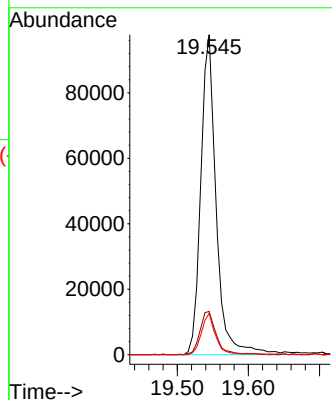
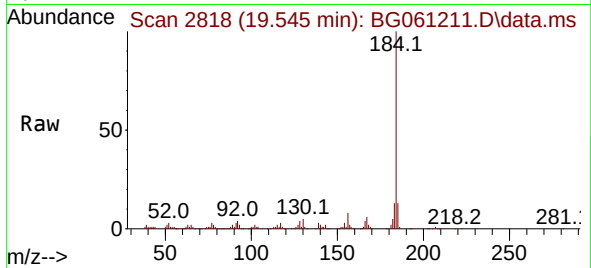




#77  
Benzidine  
Concen: 40.982 ng  
RT: 19.545 min Scan# 2818  
Delta R.T. -0.020 min  
Lab File: BG061211.D  
Acq: 15 May 2024 18:24

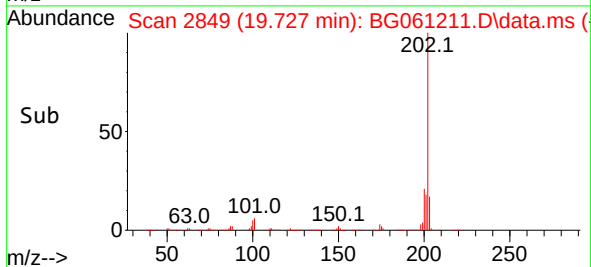
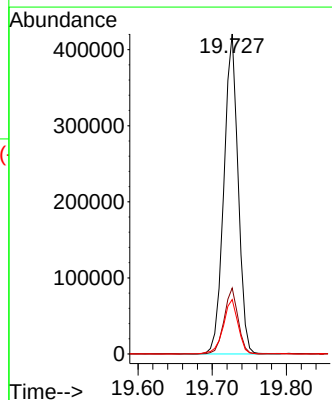
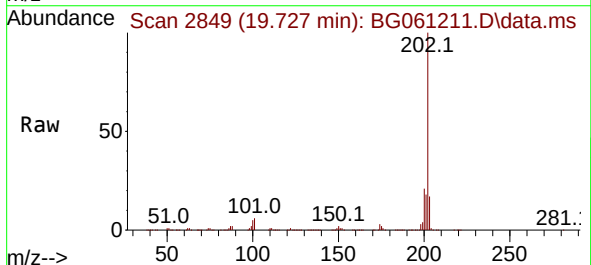
Instrument :  
BNA\_G  
ClientSampleId :  
WC-MH-IIMS

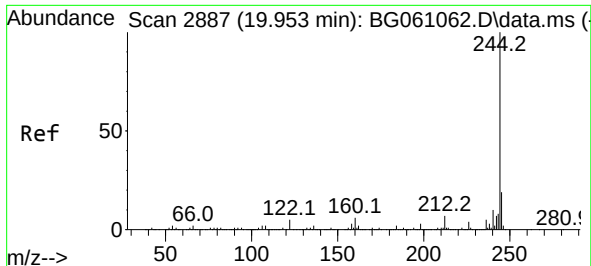
Tgt Ion:184 Resp: 147233  
Ion Ratio Lower Upper  
184 100  
185 13.5 12.0 18.0  
183 12.9 10.9 16.3



#78  
Pyrene  
Concen: 46.157 ng  
RT: 19.727 min Scan# 2849  
Delta R.T. -0.021 min  
Lab File: BG061211.D  
Acq: 15 May 2024 18:24

Tgt Ion:202 Resp: 559949  
Ion Ratio Lower Upper  
202 100  
200 20.6 16.2 24.4  
203 17.0 13.3 19.9

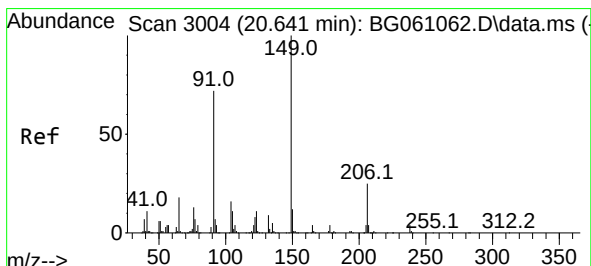
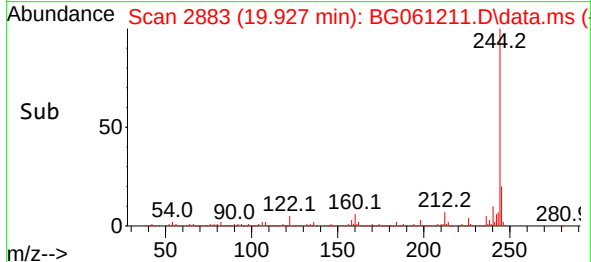
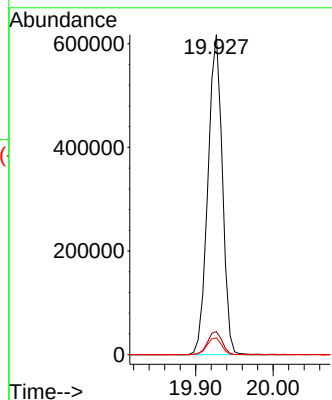
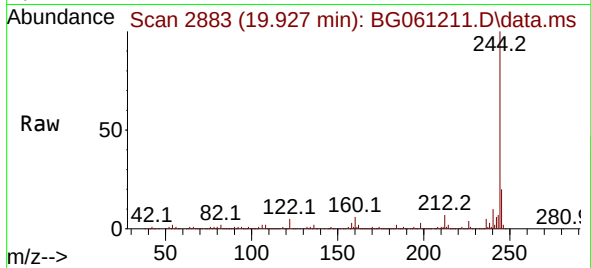




#79  
 Terphenyl-d14  
 Concen: 69.438 ng  
 RT: 19.927 min Scan# 21  
 Delta R.T. -0.027 min  
 Lab File: BG061211.D  
 Acq: 15 May 2024 18:24

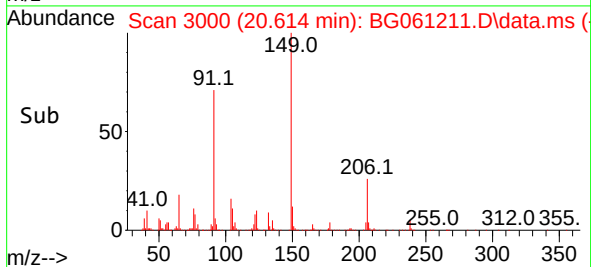
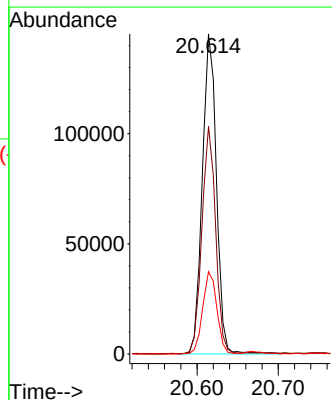
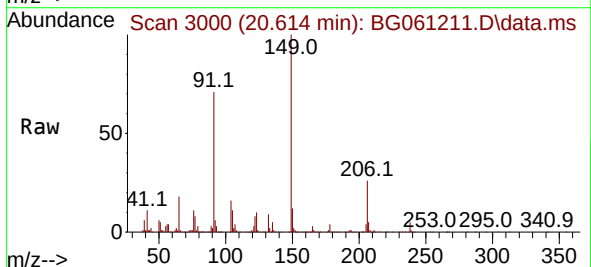
Instrument :  
 BNA\_G  
 ClientSampleId :  
 WC-MH-IIMS

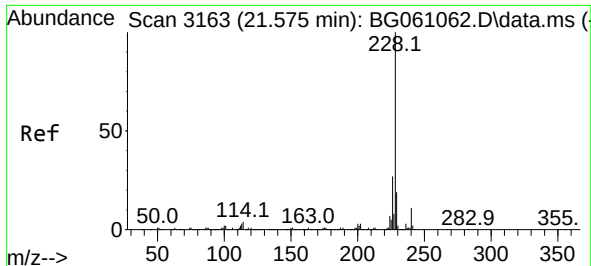
Tgt Ion:244 Resp: 796689  
 Ion Ratio Lower Upper  
 244 100  
 212 7.2 5.7 8.5  
 122 5.3 4.2 6.2



#80  
 Butylbenzylphthalate  
 Concen: 45.771 ng  
 RT: 20.614 min Scan# 3000  
 Delta R.T. -0.026 min  
 Lab File: BG061211.D  
 Acq: 15 May 2024 18:24

Tgt Ion:149 Resp: 175767  
 Ion Ratio Lower Upper  
 149 100  
 91 71.2 57.4 86.2  
 206 25.7 19.8 29.6

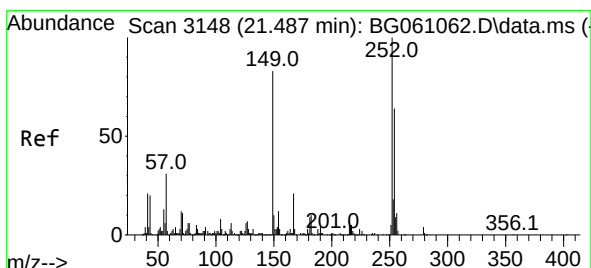
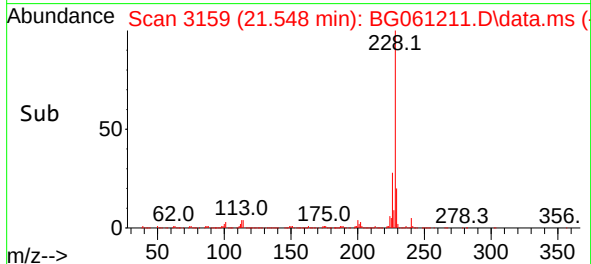
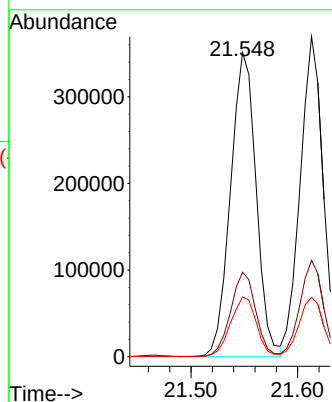
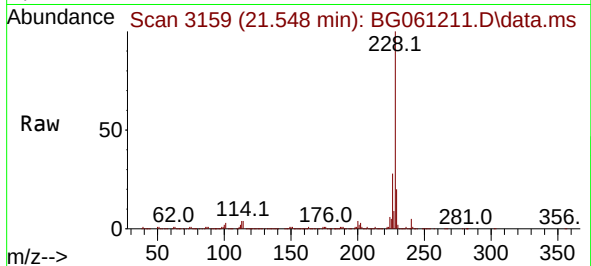




#81  
Benzo(a)anthracene  
Concen: 47.039 ng  
RT: 21.548 min Scan# 3163  
Delta R.T. -0.027 min  
Lab File: BG061211.D  
Acq: 15 May 2024 18:24

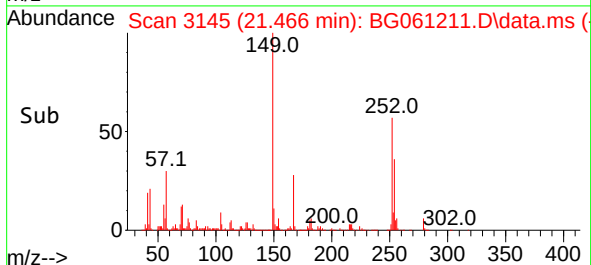
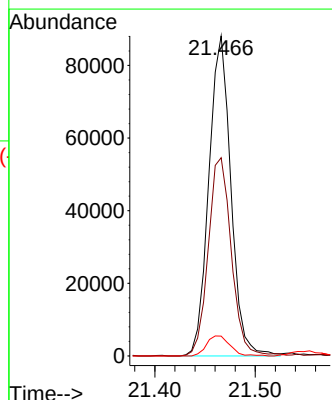
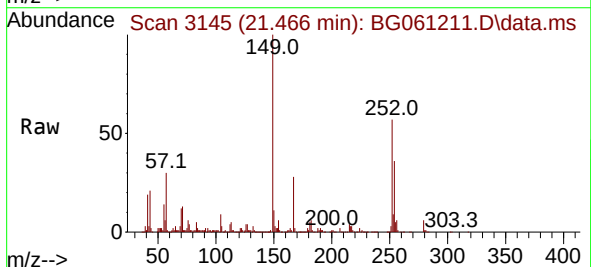
Instrument :  
BNA\_G  
ClientSampleId :  
WC-MH-IIMS

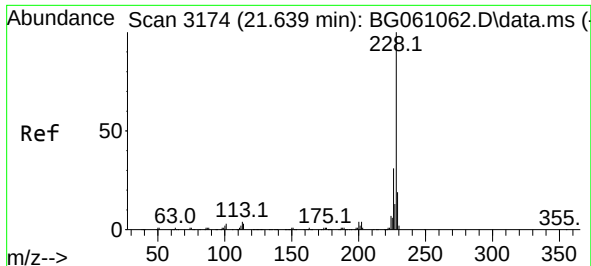
Tgt Ion:228 Resp: 587358  
Ion Ratio Lower Upper  
228 100  
226 27.8 21.6 32.4  
229 19.6 15.0 22.4



#82  
3,3'-Dichlorobenzidine  
Concen: 30.019 ng  
RT: 21.466 min Scan# 3145  
Delta R.T. -0.021 min  
Lab File: BG061211.D  
Acq: 15 May 2024 18:24

Tgt Ion:252 Resp: 134894  
Ion Ratio Lower Upper  
252 100  
254 61.9 51.3 76.9  
126 6.2 5.2 7.8





#83

Chrysene

Concen: 46.902 ng

RT: 21.613 min Scan# 3170

Delta R.T. -0.026 min

Lab File: BG061211.D

Acq: 15 May 2024 18:24

Instrument :

BNA\_G

ClientSampleId :

WC-MH-IIMS

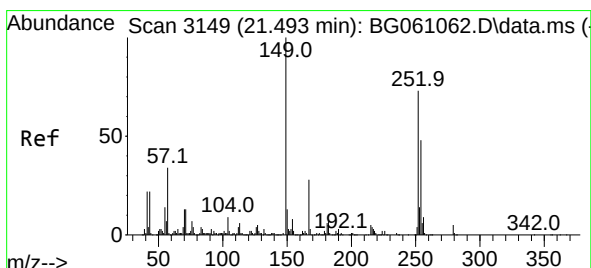
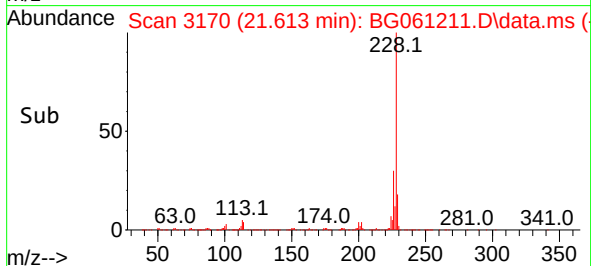
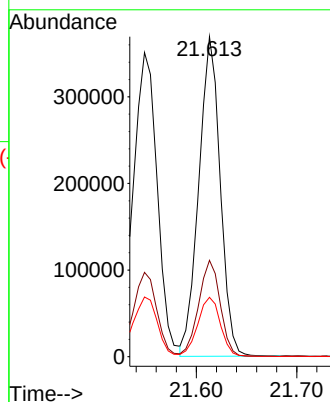
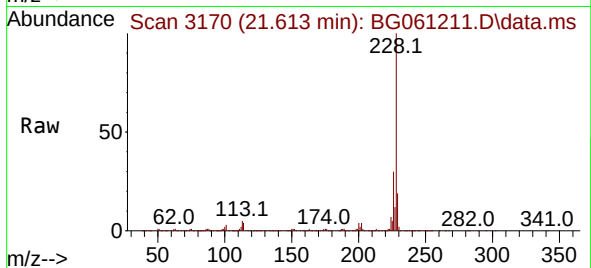
Tgt Ion:228 Resp: 548689

Ion Ratio Lower Upper

228 100

226 30.1 24.4 36.6

229 18.5 14.8 22.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.967 ng

RT: 21.460 min Scan# 3144

Delta R.T. -0.032 min

Lab File: BG061211.D

Acq: 15 May 2024 18:24

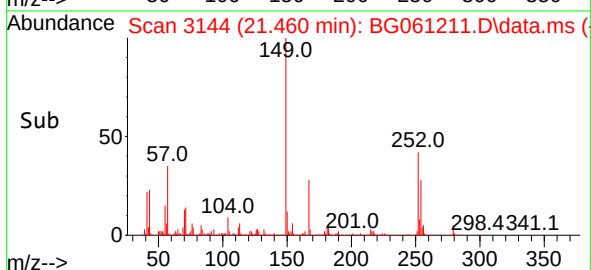
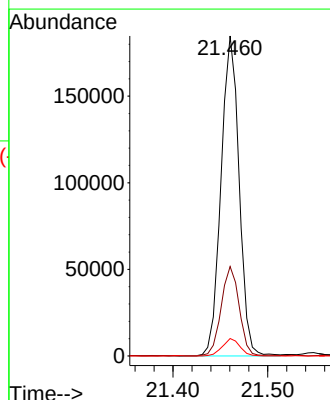
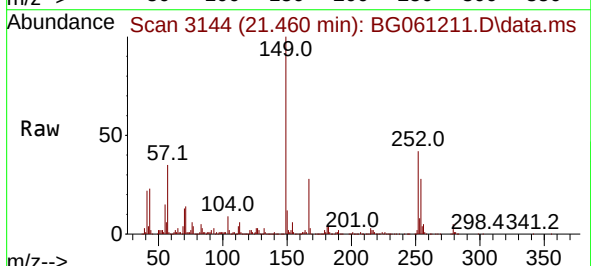
Tgt Ion:149 Resp: 245548

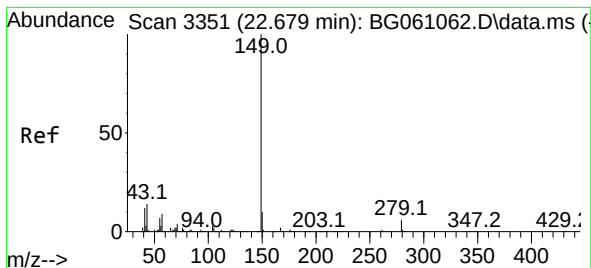
Ion Ratio Lower Upper

149 100

167 28.0 22.1 33.1

279 5.4 4.1 6.1





#85

Di-n-octyl phthalate

Concen: 47.666 ng

RT: 22.635 min Scan# 31

Delta R.T. -0.044 min

Lab File: BG061211.D

Acq: 15 May 2024 18:24

Instrument :

BNA\_G

ClientSampleId :

WC-MH-IIMS

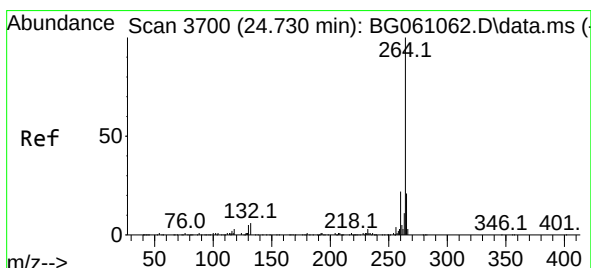
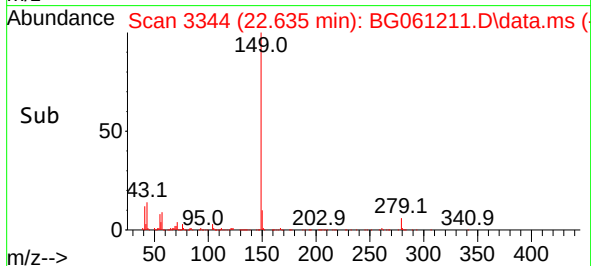
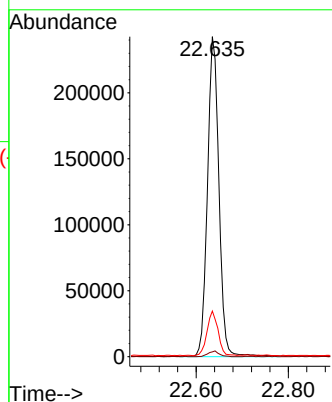
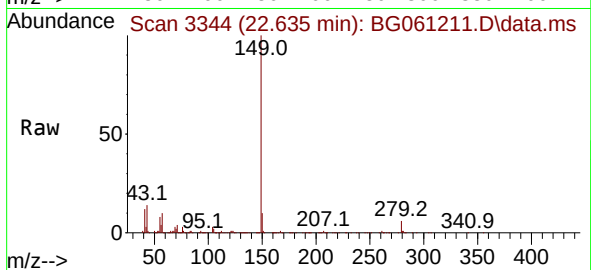
Tgt Ion:149 Resp: 421711

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

43 13.4 10.6 15.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.686 min Scan# 3693

Delta R.T. -0.044 min

Lab File: BG061211.D

Acq: 15 May 2024 18:24

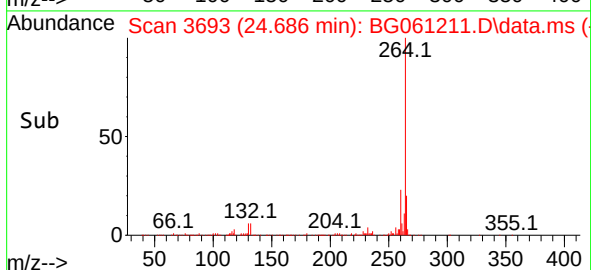
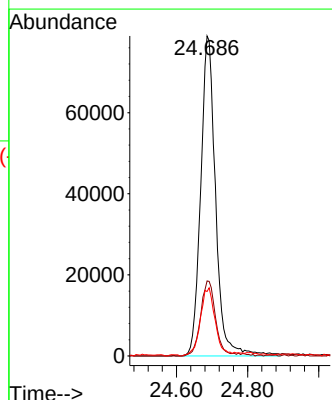
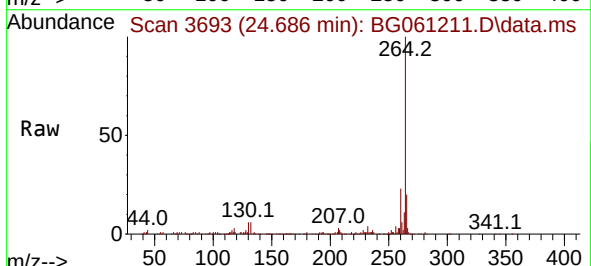
Tgt Ion:264 Resp: 231045

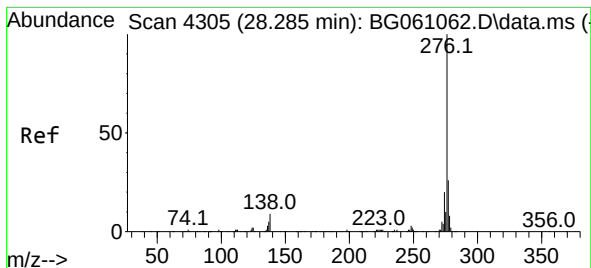
Ion Ratio Lower Upper

264 100

260 23.4 17.7 26.5

265 20.1 16.4 24.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 40.913 ng

RT: 28.240 min Scan# 4305

Delta R.T. -0.044 min

Lab File: BG061211.D

Acq: 15 May 2024 18:24

Instrument :

BNA\_G

ClientSampleId :

WC-MH-IIMS

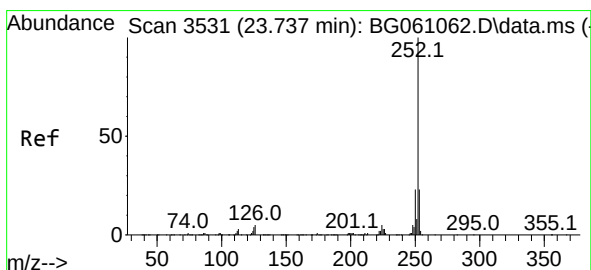
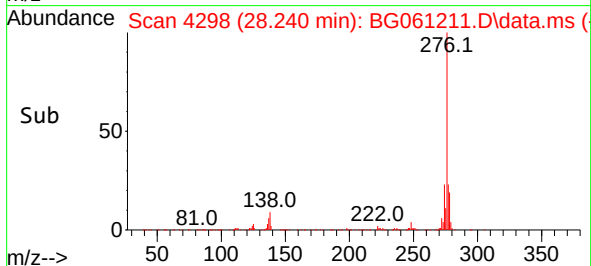
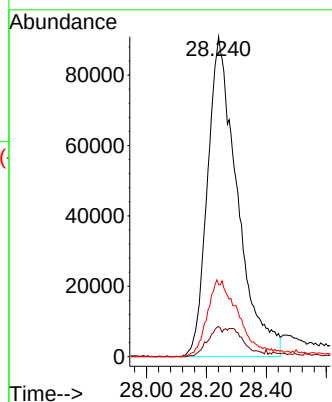
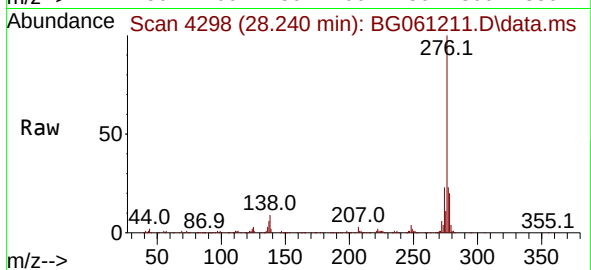
Tgt Ion:276 Resp: 626455

Ion Ratio Lower Upper

276 100

138 4.5 5.1 7.7#

277 26.0 20.6 30.8



#88

Benzo(b)fluoranthene

Concen: 45.701 ng

RT: 23.705 min Scan# 3526

Delta R.T. -0.032 min

Lab File: BG061211.D

Acq: 15 May 2024 18:24

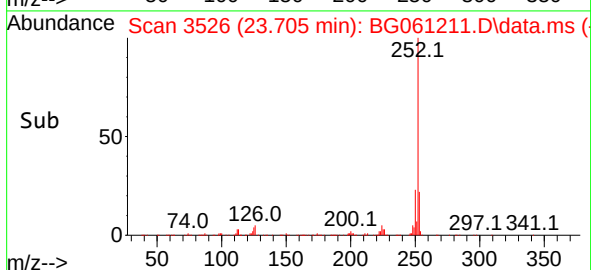
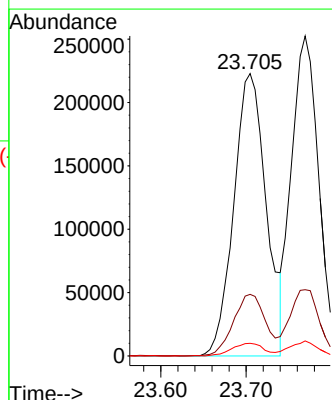
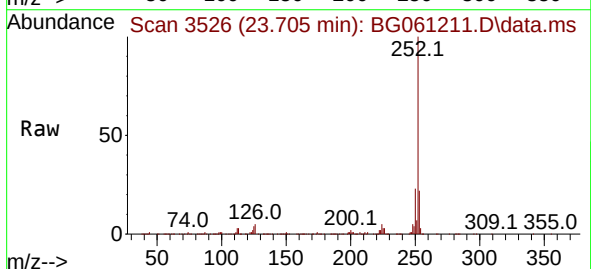
Tgt Ion:252 Resp: 590035

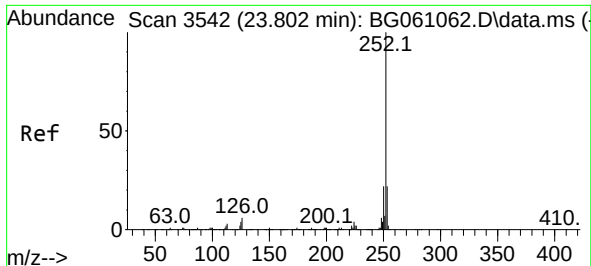
Ion Ratio Lower Upper

252 100

253 21.8 18.2 27.2

125 4.5 3.4 5.0

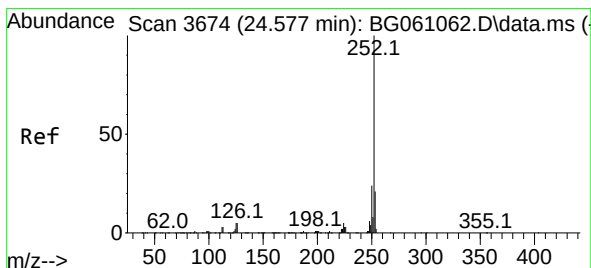
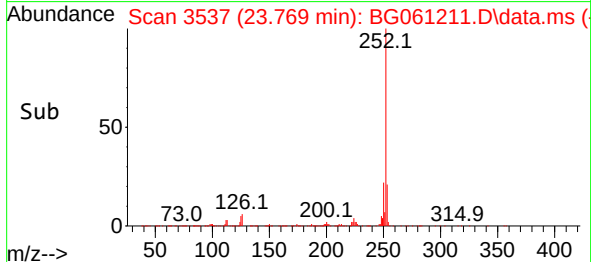
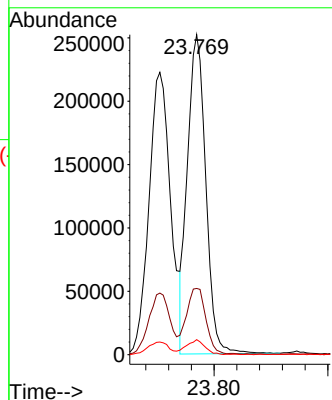
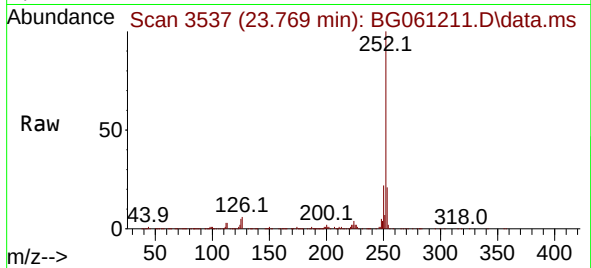




#89  
Benzo(k)fluoranthene  
Concen: 45.422 ng  
RT: 23.769 min Scan# 31  
Delta R.T. -0.032 min  
Lab File: BG061211.D  
Acq: 15 May 2024 18:24

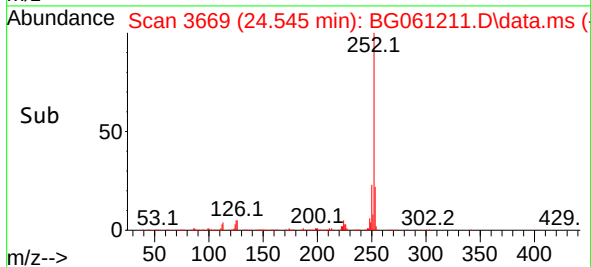
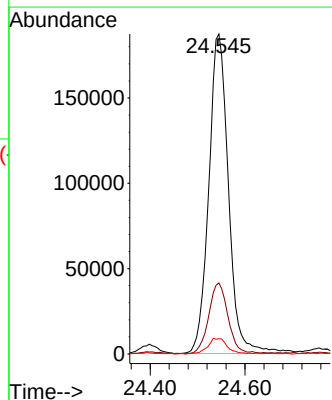
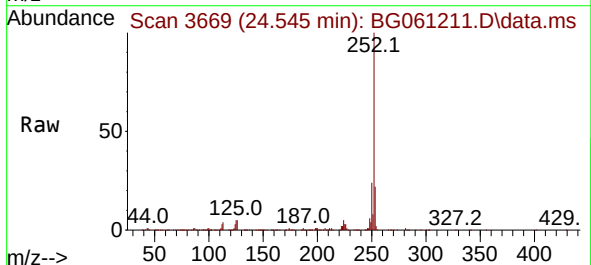
Instrument :  
BNA\_G  
ClientSampleId :  
WC-MH-IIMS

Tgt Ion:252 Resp: 564180  
Ion Ratio Lower Upper  
252 100  
253 20.7 17.3 25.9  
125 4.7 3.2 4.8

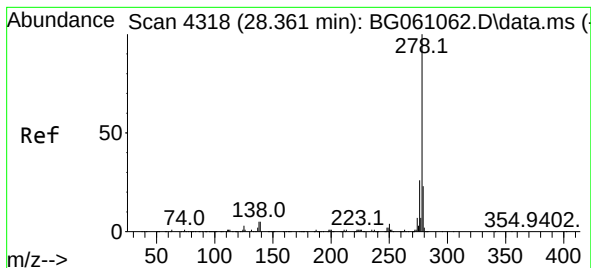


#90  
Benzo(a)pyrene  
Concen: 47.895 ng  
RT: 24.545 min Scan# 3669  
Delta R.T. -0.032 min  
Lab File: BG061211.D  
Acq: 15 May 2024 18:24

Tgt Ion:252 Resp: 538731  
Ion Ratio Lower Upper  
252 100  
253 22.2 16.9 25.3  
125 4.8 3.8 5.8







#91

Dibenzo(a,h)anthracene

Concen: 41.997 ng

RT: 28.305 min Scan# 41

Delta R.T. -0.056 min

Lab File: BG061211.D

Acq: 15 May 2024 18:24

Instrument :

BNA\_G

ClientSampleId :

WC-MH-IIMS

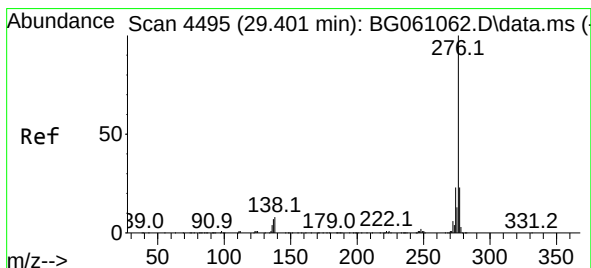
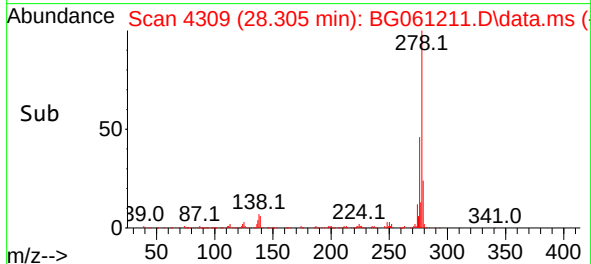
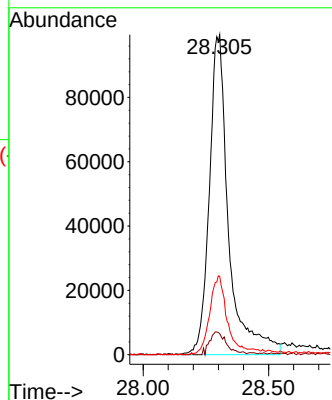
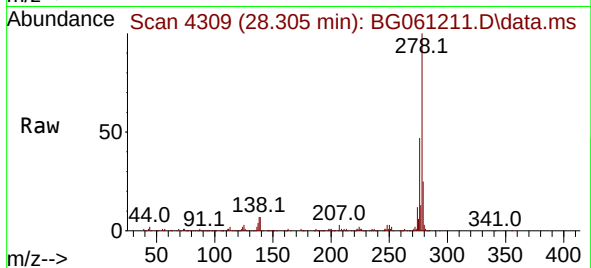
Tgt Ion:278 Resp: 532537

Ion Ratio Lower Upper

278 100

139 6.6 4.2 6.2#

279 24.5 18.0 27.0



#92

Benzo(g,h,i)perylene

Concen: 33.244 ng

RT: 29.351 min Scan# 4487

Delta R.T. -0.050 min

Lab File: BG061211.D

Acq: 15 May 2024 18:24

Tgt Ion:276 Resp: 418902

Ion Ratio Lower Upper

276 100

277 22.9 18.2 27.4

138 9.5 6.2 9.2#

