

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG090524\  
 Data File : BG062668.D  
 Acq On : 5 Sep 2024 15:50  
 Operator : MA/JU  
 Sample : P2403-09  
 Misc : MDL-WATER-8 ng  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :

Quant Time: Sep 05 16:32:11 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG083024.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Aug 31 02:36:01 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.920  | 152  | 47785    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.711 | 136  | 191088   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.542 | 164  | 152424   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.286 | 188  | 431067   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 21.534 | 240  | 523835   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 24.601 | 264  | 585980   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.500  | 112  | 374568   | 135.493 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.086  | 99   | 511539   | 128.087 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.072  | 82   | 350949   | 98.912  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.035 | 330  | 326573   | 152.242 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.167 | 172  | 882466   | 93.778  | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.906 | 244  | 2133088  | 80.742  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.408  | 88   | 11100    | 9.638   | ng    | 93       |
| 3) Pyridine                   | 3.808  | 79   | 28505    | 8.591   | ng    | 95       |
| 4) n-Nitrosodimethylamine     | 3.720  | 42   | 15253    | 9.455   | ng    | # 89     |
| 6) Aniline                    | 7.245  | 93   | 36569    | 9.801   | ng    | 97       |
| 8) 2-Chlorophenol             | 7.486  | 128  | 27242    | 9.179   | ng    | 96       |
| 9) Benzaldehyde               | 7.057  | 77   | 26378    | 11.355  | ng    | 100      |
| 10) Phenol                    | 7.110  | 94   | 33640    | 8.321   | ng    | 93       |
| 11) bis(2-Chloroethyl)ether   | 7.345  | 93   | 27129    | 8.764   | ng    | 90       |
| 12) 1,3-Dichlorobenzene       | 7.815  | 146  | 29965    | 9.200   | ng    | 99       |
| 13) 1,4-Dichlorobenzene       | 7.956  | 146  | 29714    | 8.865   | ng    | 94       |
| 14) 1,2-Dichlorobenzene       | 8.273  | 146  | 28747    | 8.725   | ng    | 94       |
| 15) Benzyl Alcohol            | 8.156  | 79   | 22560    | 7.635   | ng    | 93       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.438  | 45   | 47413    | 8.037   | ng    | 98       |
| 17) 2-Methylphenol            | 8.355  | 107  | 22307    | 7.915   | ng    | 92       |
| 18) Hexachloroethane          | 9.002  | 117  | 9993     | 7.951   | ng    | # 74     |
| 19) n-Nitroso-di-n-propyla... | 8.720  | 70   | 22578    | 7.175   | ng    | 100      |
| 20) 3+4-Methylphenols         | 8.684  | 107  | 29317    | 7.051   | ng    | 98       |
| 22) Acetophenone              | 8.737  | 105  | 44341    | 8.602   | ng    | # 94     |
| 24) Nitrobenzene              | 9.113  | 77   | 34852    | 9.238   | ng    | 93       |
| 25) Isophorone                | 9.636  | 82   | 60417    | 7.757   | ng    | # 96     |
| 26) 2-Nitrophenol             | 9.830  | 139  | 12398    | 8.698   | ng    | 88       |
| 27) 2,4-Dimethylphenol        | 9.889  | 122  | 15352    | 7.350   | ng    | 100      |
| 28) bis(2-Chloroethoxy)met... | 10.124 | 93   | 35754    | 8.575   | ng    | 95       |
| 29) 2,4-Dichlorophenol        | 10.359 | 162  | 24315    | 8.326   | ng    | 95       |
| 30) 1,2,4-Trichlorobenzene    | 10.576 | 180  | 31149    | 8.998   | ng    | 94       |
| 31) Naphthalene               | 10.764 | 128  | 83938    | 8.862   | ng    | 98       |
| 32) Benzoic acid              | 9.953  | 122  | 8046     | 3.582   | ng    | 91       |
| 33) 4-Chloroaniline           | 10.870 | 127  | 32663    | 8.763   | ng    | # 95     |
| 34) Hexachlorobutadiene       | 11.052 | 225  | 21800    | 9.016   | ng    | 96       |
| 35) Caprolactam               | 11.604 | 113  | 9326     | 8.284   | ng    | # 89     |
| 36) 4-Chloro-3-methylphenol   | 11.992 | 107  | 25364    | 7.201   | ng    | 98       |
| 37) 2-Methylnaphthalene       | 12.374 | 142  | 62007    | 8.441   | ng    | 97       |
| 38) 1-Methylnaphthalene       | 12.586 | 142  | 58496    | 7.930   | ng    | 96       |
| 40) 1,2,4,5-Tetrachloroben... | 12.738 | 216  | 42897    | 9.358   | ng    | 98       |
| 41) Hexachlorocyclopentadiene | 12.721 | 237  | 11237    | 8.592   | ng    | 87       |
| 43) 2,4,6-Trichlorophenol     | 12.979 | 196  | 25068    | 8.627   | ng    | 93       |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG090524\  
 Data File : BG062668.D  
 Acq On : 5 Sep 2024 15:50  
 Operator : MA/JU  
 Sample : P2403-09  
 Misc : MDL-WATER-8 ng  
 ALS Vial : 12 Sample Multiplier: 1

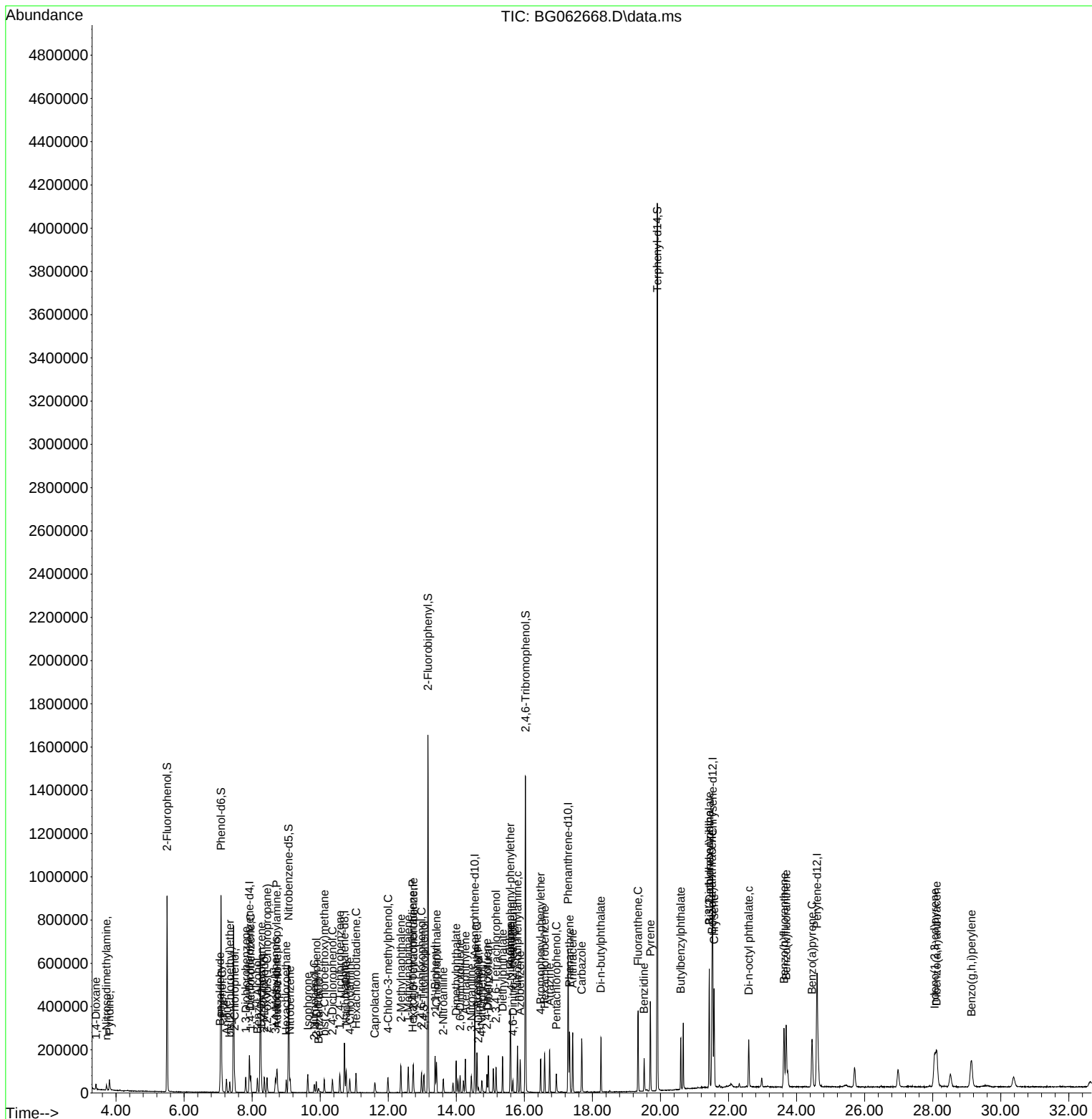
Instrument :  
 BNA\_G  
 ClientSampleId :

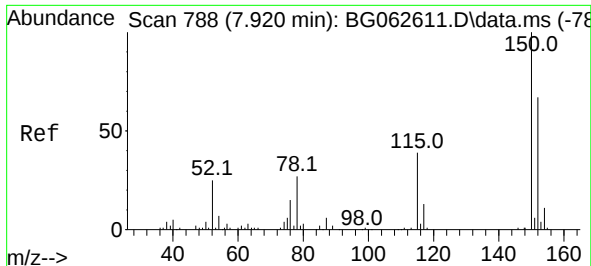
Quant Time: Sep 05 16:32:11 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG083024.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Aug 31 02:36:01 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 13.050 | 196  | 27833    | 8.458  | ng    | 90       |
| 46) 1,1'-Biphenyl             | 13.379 | 154  | 91733    | 9.021  | ng    | 98       |
| 47) 2-Chloronaphthalene       | 13.420 | 162  | 72094    | 8.748  | ng    | 94       |
| 48) 2-Nitroaniline            | 13.614 | 65   | 18691    | 8.623  | ng    | 90       |
| 49) Acenaphthylene            | 14.266 | 152  | 114529   | 9.384  | ng    | 98       |
| 50) Dimethylphthalate         | 13.996 | 163  | 98790    | 8.864  | ng    | 97       |
| 51) 2,6-Dinitrotoluene        | 14.113 | 165  | 17358    | 8.234  | ng    | 96       |
| 52) Acenaphthene              | 14.607 | 154  | 65631    | 8.602  | ng    | 98       |
| 53) 3-Nitroaniline            | 14.442 | 138  | 18872    | 9.252  | ng    | 94       |
| 54) 2,4-Dinitrophenol         | 14.648 | 184  | 6649     | 5.620  | ng    | 96       |
| 55) Dibenzofuran              | 14.942 | 168  | 117702   | 8.996  | ng    | 97       |
| 56) 4-Nitrophenol             | 14.748 | 139  | 14664    | 8.482  | ng    | 98       |
| 57) 2,4-Dinitrotoluene        | 14.901 | 165  | 24901    | 8.657  | ng    | # 97     |
| 58) Fluorene                  | 15.594 | 166  | 90089    | 8.773  | ng    | 97       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.165 | 232  | 28806    | 9.240  | ng    | 94       |
| 60) Diethylphthalate          | 15.359 | 149  | 95449    | 8.640  | ng    | 97       |
| 61) 4-Chlorophenyl-phenyle... | 15.588 | 204  | 52685    | 8.937  | ng    | 96       |
| 62) 4-Nitroaniline            | 15.600 | 138  | 21060    | 9.363  | ng    | 94       |
| 63) Azobenzene                | 15.876 | 77   | 87907    | 8.475  | ng    | 99       |
| 65) 4,6-Dinitro-2-methylph... | 15.664 | 198  | 14236    | 7.400  | ng    | 96       |
| 66) n-Nitrosodiphenylamine    | 15.800 | 169  | 85108    | 8.212  | ng    | 97       |
| 67) 4-Bromophenyl-phenylether | 16.481 | 248  | 36475    | 8.199  | ng    | 95       |
| 68) Hexachlorobenzene         | 16.599 | 284  | 44394    | 8.426  | ng    | # 92     |
| 69) Atrazine                  | 16.745 | 200  | 41019    | 11.653 | ng    | 97       |
| 70) Pentachlorophenol         | 16.939 | 266  | 21482    | 6.366  | ng    | 96       |
| 71) Phenanthrene              | 17.327 | 178  | 182990   | 9.095  | ng    | 100      |
| 72) Anthracene                | 17.421 | 178  | 179879   | 9.093  | ng    | 98       |
| 73) Carbazole                 | 17.686 | 167  | 168226   | 9.250  | ng    | 99       |
| 74) Di-n-butylphthalate       | 18.250 | 149  | 187016   | 9.118  | ng    | 100      |
| 75) Fluoranthene              | 19.342 | 202  | 250118   | 9.829  | ng    | 98       |
| 77) Benzidine                 | 19.519 | 184  | 103651   | 10.978 | ng    | 98       |
| 78) Pyrene                    | 19.701 | 202  | 270966   | 8.138  | ng    | 98       |
| 80) Butylbenzylphthalate      | 20.600 | 149  | 74613    | 7.629  | ng    | 97       |
| 81) Benzo(a)anthracene        | 21.510 | 228  | 295127   | 8.933  | ng    | 98       |
| 82) 3,3'-Dichlorobenzidine    | 21.434 | 252  | 98218    | 9.125  | ng    | 98       |
| 83) Chrysene                  | 21.575 | 228  | 287269   | 9.077  | ng    | 98       |
| 84) Bis(2-ethylhexyl)phtha... | 21.434 | 149  | 115569   | 7.778  | ng    | # 93     |
| 85) Di-n-octyl phthalate      | 22.592 | 149  | 192198   | 7.388  | ng    | 100      |
| 87) Indeno(1,2,3-cd)pyrene    | 28.056 | 276  | 332017   | 8.836  | ng    | # 80     |
| 88) Benzo(b)fluoranthene      | 23.631 | 252  | 272272   | 8.412  | ng    | 98       |
| 89) Benzo(k)fluoranthene      | 23.696 | 252  | 288603   | 9.116  | ng    | 96       |
| 90) Benzo(a)pyrene            | 24.454 | 252  | 253645   | 8.871  | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 28.114 | 278  | 273521   | 8.837  | ng    | 97       |
| 92) Benzo(g,h,i)perylene      | 29.137 | 276  | 258552   | 8.284  | ng    | 99       |

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

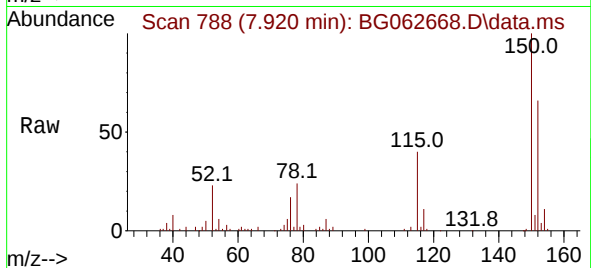
Quant Time: Sep 05 16:32:11 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG083024.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Sat Aug 31 02:36:01 2024  
Response via : Initial Calibration



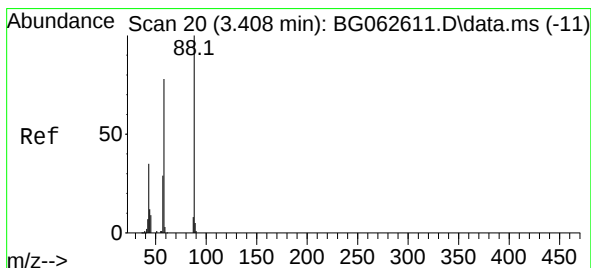
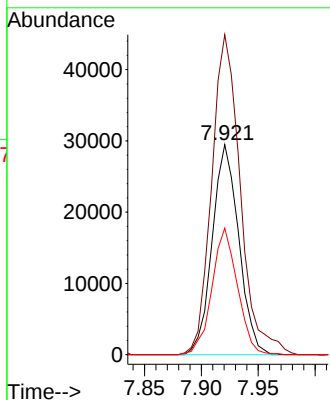
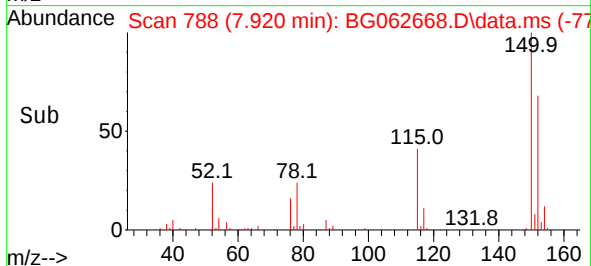


#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.920 min Scan# 7  
Delta R.T. 0.000 min  
Lab File: BG062668.D  
Acq: 5 Sep 2024 15:50

Instrument :  
BNA\_G  
ClientSampleId :

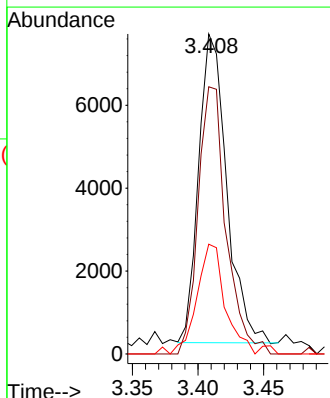
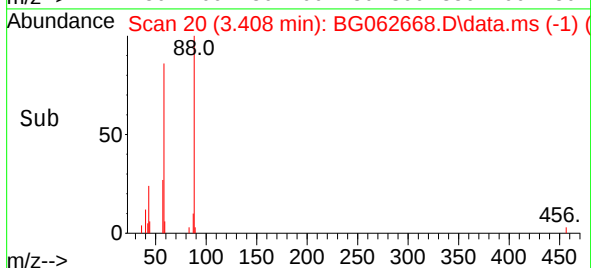
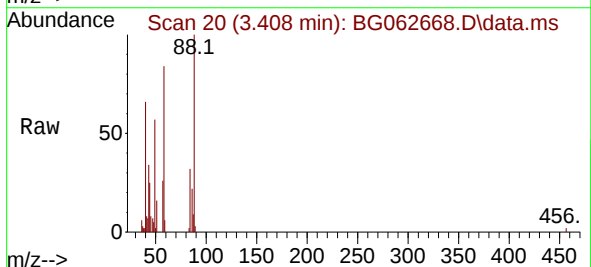


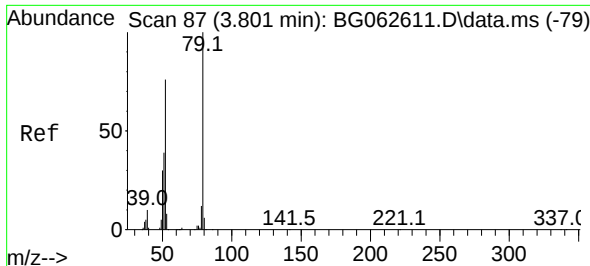
Tgt Ion:152 Resp: 47785  
Ion Ratio Lower Upper  
152 100  
150 152.4 119.9 179.9  
115 60.2 46.6 69.8



#2  
1,4-Dioxane  
Concen: 9.638 ng  
RT: 3.408 min Scan# 20  
Delta R.T. 0.000 min  
Lab File: BG062668.D  
Acq: 5 Sep 2024 15:50

Tgt Ion: 88 Resp: 11100  
Ion Ratio Lower Upper  
88 100  
58 86.1 62.3 93.5  
43 36.0 27.5 41.3

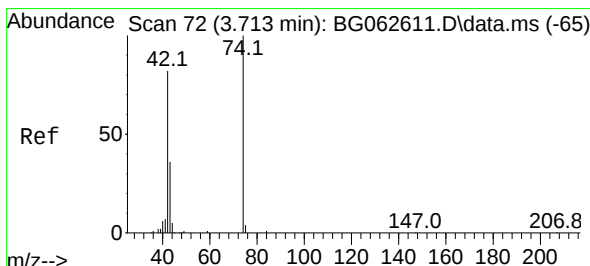
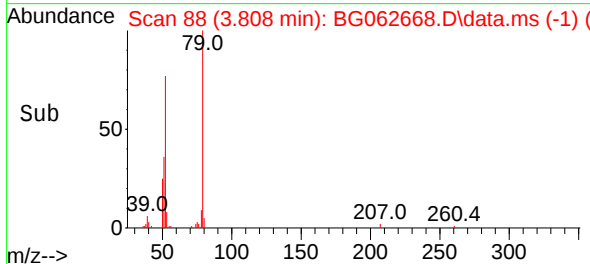
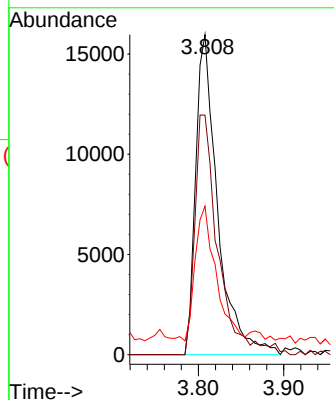
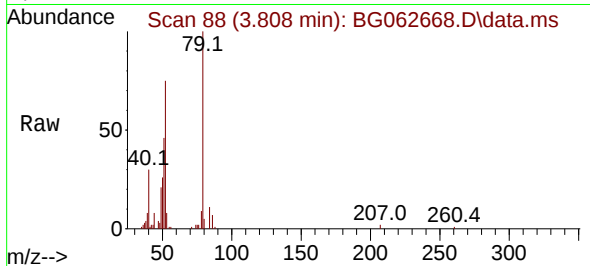




#3  
 Pyridine  
 Concen: 8.591 ng  
 RT: 3.808 min Scan# 80  
 Delta R.T. 0.006 min  
 Lab File: BG062668.D  
 Acq: 5 Sep 2024 15:50

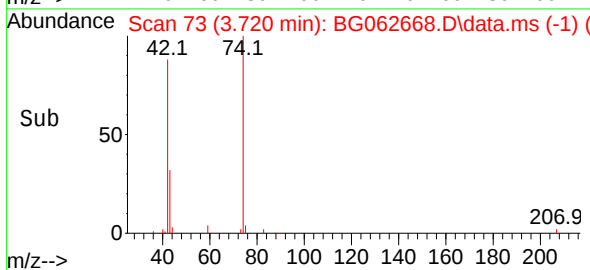
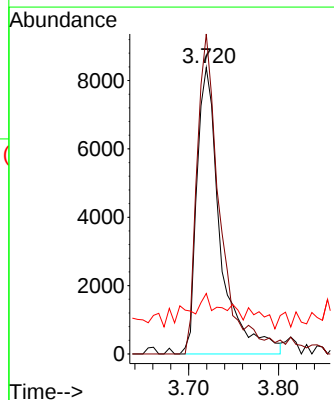
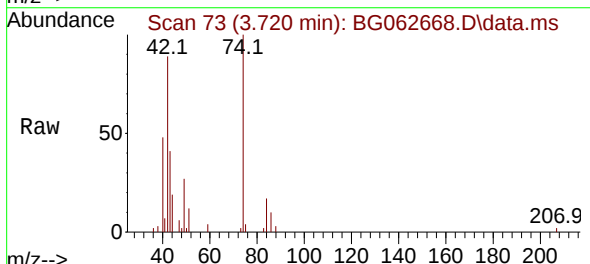
Instrument :  
 BNA\_G  
 ClientSampleId :

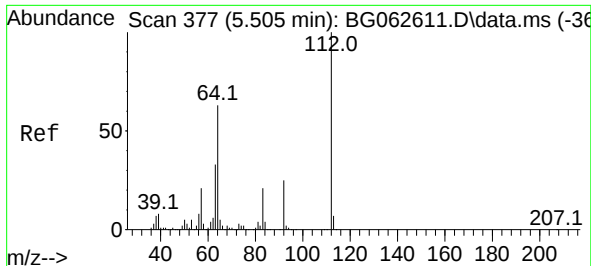
Tgt Ion: 79 Resp: 28505  
 Ion Ratio Lower Upper  
 79 100  
 52 74.8 60.9 91.3  
 51 46.4 31.5 47.3



#4  
 n-Nitrosodimethylamine  
 Concen: 9.455 ng  
 RT: 3.720 min Scan# 73  
 Delta R.T. 0.006 min  
 Lab File: BG062668.D  
 Acq: 5 Sep 2024 15:50

Tgt Ion: 42 Resp: 15253  
 Ion Ratio Lower Upper  
 42 100  
 74 111.8 98.0 147.0  
 44 21.2 7.4 11.2#

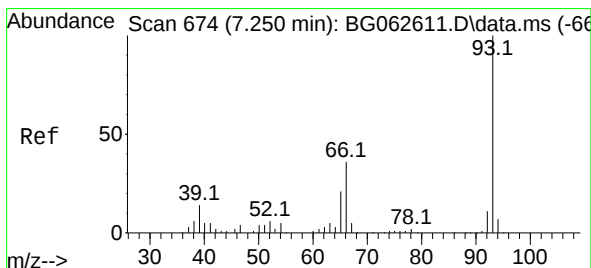
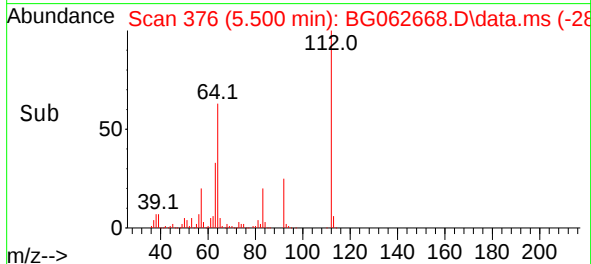
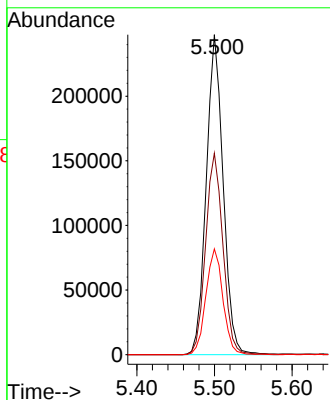
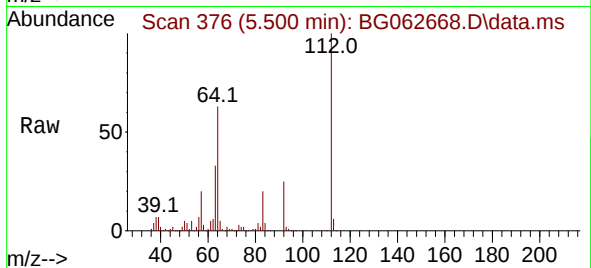




#5  
2-Fluorophenol  
Concen: 135.493 ng  
RT: 5.500 min Scan# 377  
Delta R.T. -0.005 min  
Lab File: BG062668.D  
Acq: 5 Sep 2024 15:50

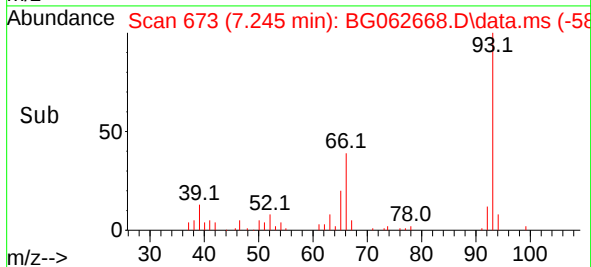
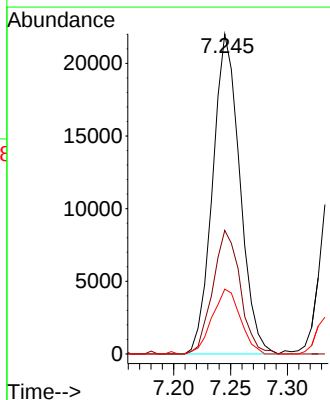
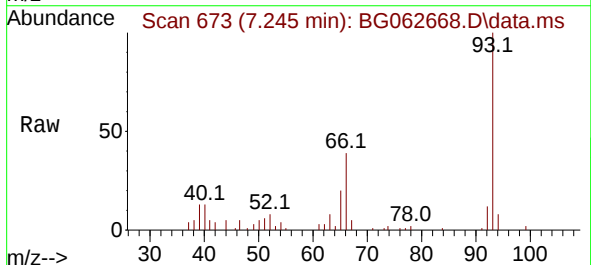
Instrument :  
BNA\_G  
ClientSampleId :

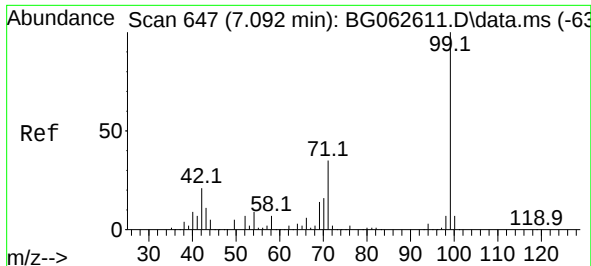
Tgt Ion:112 Resp: 374568  
Ion Ratio Lower Upper  
112 100  
64 62.9 50.2 75.2  
63 33.0 26.6 39.8



#6  
Aniline  
Concen: 9.801 ng  
RT: 7.245 min Scan# 673  
Delta R.T. -0.005 min  
Lab File: BG062668.D  
Acq: 5 Sep 2024 15:50

Tgt Ion: 93 Resp: 36569  
Ion Ratio Lower Upper  
93 100  
66 38.6 29.1 43.7  
65 20.2 16.6 25.0

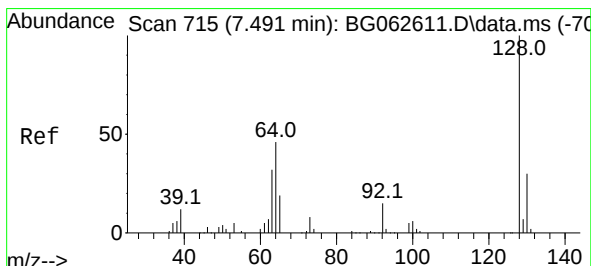
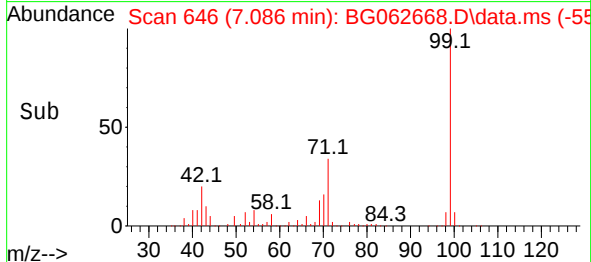
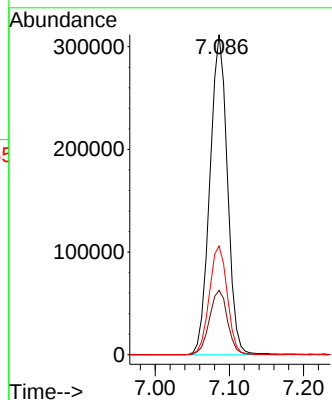
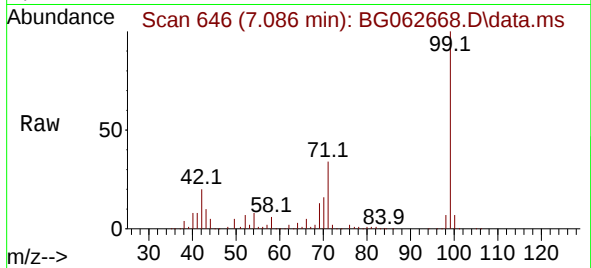




#7  
Phenol-d6  
Concen: 128.087 ng  
RT: 7.086 min Scan# 64  
Delta R.T. -0.005 min  
Lab File: BG062668.D  
Acq: 5 Sep 2024 15:50

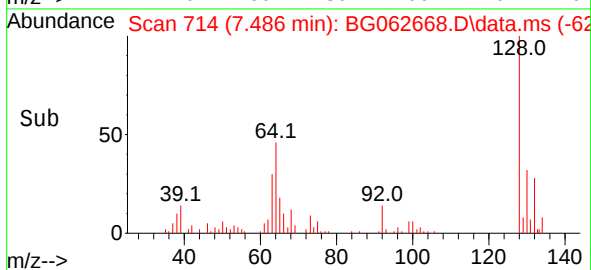
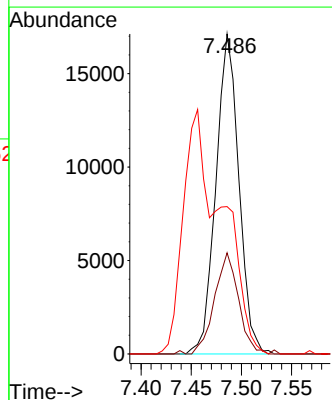
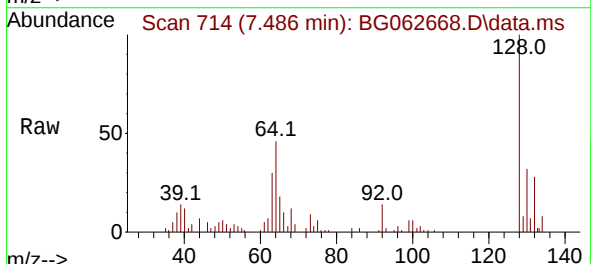
Instrument :  
BNA\_G  
ClientSampleId :

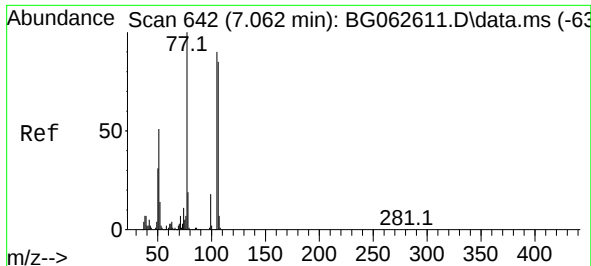
Tgt Ion: 99 Resp: 511539  
Ion Ratio Lower Upper  
99 100  
42 20.1 16.9 25.3  
71 33.9 27.9 41.9



#8  
2-Chlorophenol  
Concen: 9.179 ng  
RT: 7.486 min Scan# 714  
Delta R.T. -0.005 min  
Lab File: BG062668.D  
Acq: 5 Sep 2024 15:50

Tgt Ion:128 Resp: 27242  
Ion Ratio Lower Upper  
128 100  
130 31.6 10.0 50.0  
64 46.1 28.8 68.8

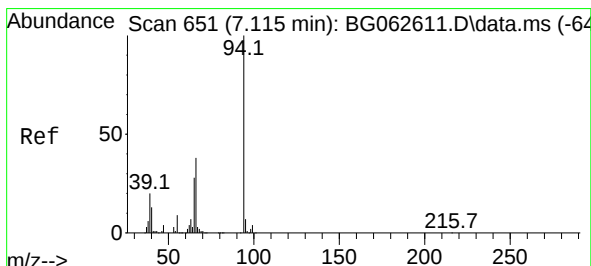
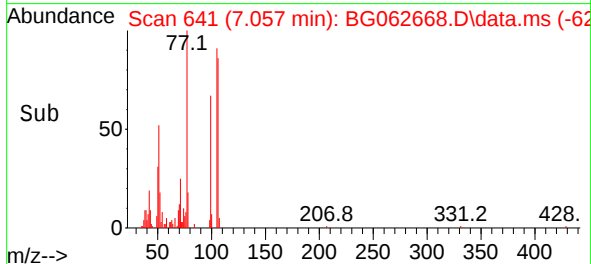
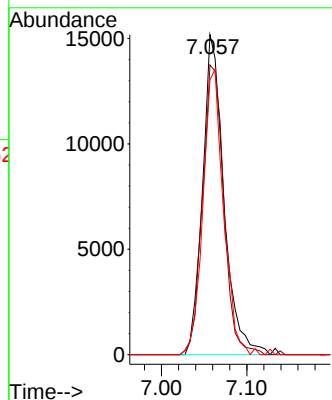
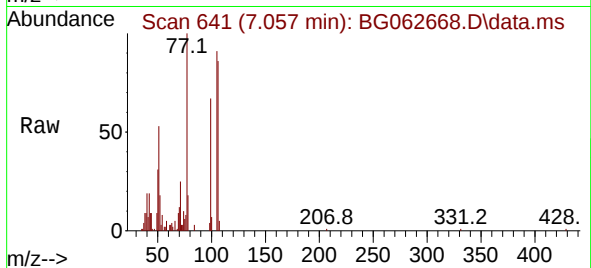




#9  
Benzaldehyde  
Concen: 11.355 ng  
RT: 7.057 min Scan# 641  
Delta R.T. -0.005 min  
Lab File: BG062668.D  
Acq: 5 Sep 2024 15:50

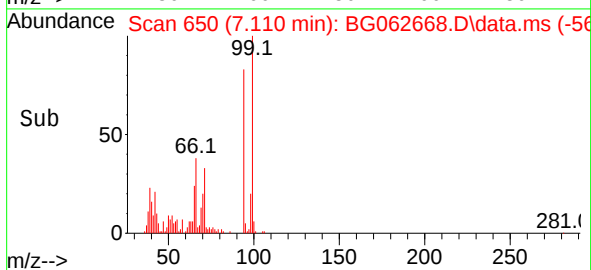
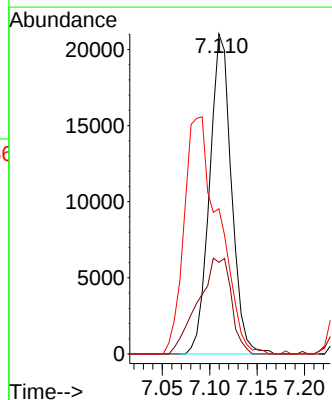
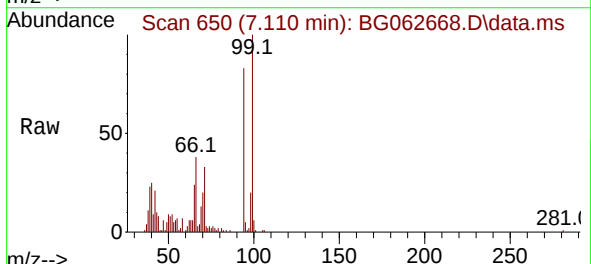
Instrument :  
BNA\_G  
ClientSampleId :

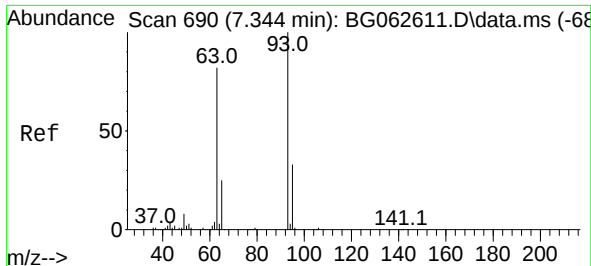
Tgt Ion: 77 Resp: 26378  
Ion Ratio Lower Upper  
77 100  
105 90.5 70.2 110.2  
106 85.9 65.4 105.4



#10  
Phenol  
Concen: 8.321 ng  
RT: 7.110 min Scan# 650  
Delta R.T. -0.005 min  
Lab File: BG062668.D  
Acq: 5 Sep 2024 15:50

Tgt Ion: 94 Resp: 33640  
Ion Ratio Lower Upper  
94 100  
65 28.7 8.6 48.6  
66 45.4 18.2 58.2

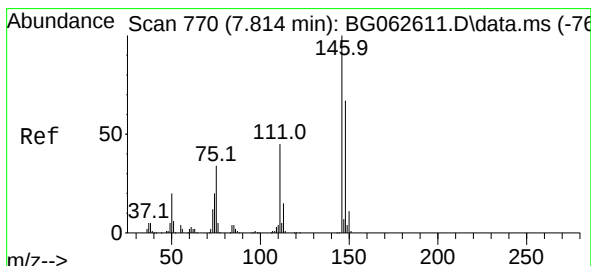
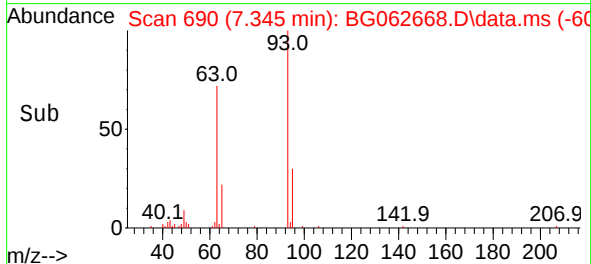
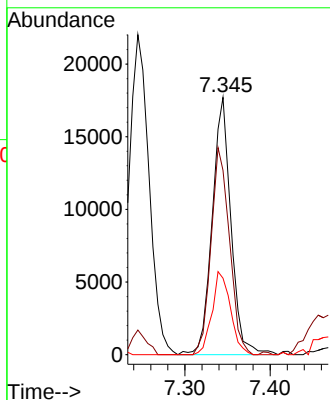
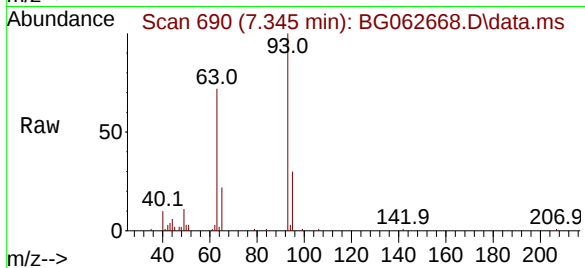




#11  
bis(2-Chloroethyl)ether  
Concen: 8.764 ng  
RT: 7.345 min Scan# 690  
Delta R.T. 0.000 min  
Lab File: BG062668.D  
Acq: 5 Sep 2024 15:50

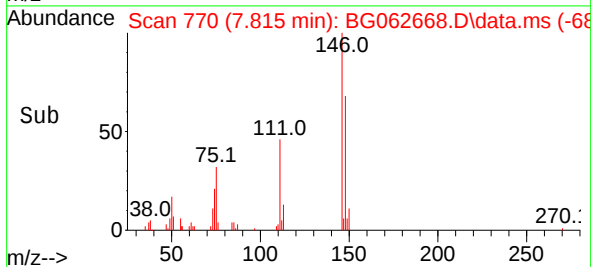
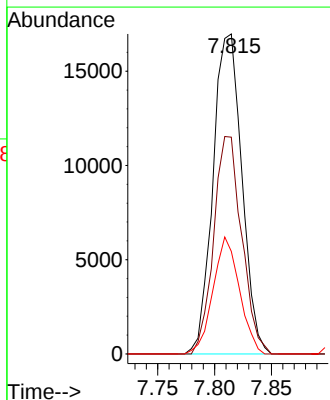
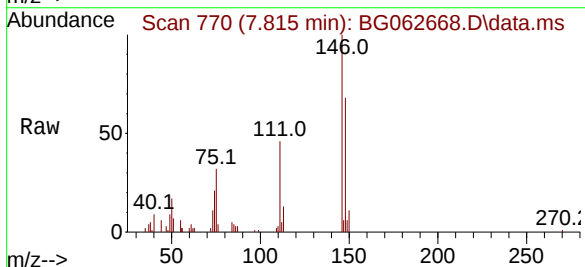
Instrument :  
BNA\_G  
ClientSampleId :

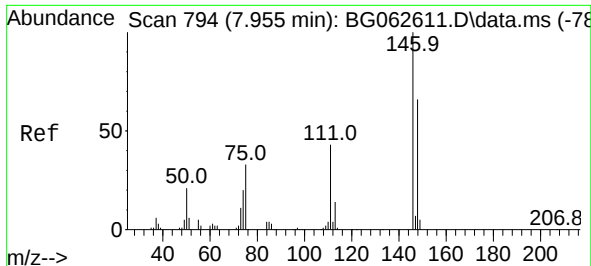
Tgt Ion: 93 Resp: 27129  
Ion Ratio Lower Upper  
93 100  
63 71.6 61.9 101.9  
95 29.7 12.9 52.9



#12  
1,3-Dichlorobenzene  
Concen: 9.200 ng  
RT: 7.815 min Scan# 770  
Delta R.T. 0.000 min  
Lab File: BG062668.D  
Acq: 5 Sep 2024 15:50

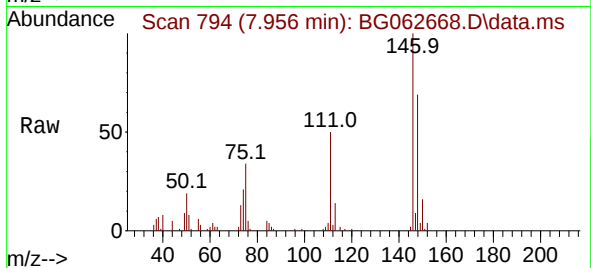
Tgt Ion:146 Resp: 29965  
Ion Ratio Lower Upper  
146 100  
148 67.7 53.9 80.9  
75 32.1 27.0 40.4



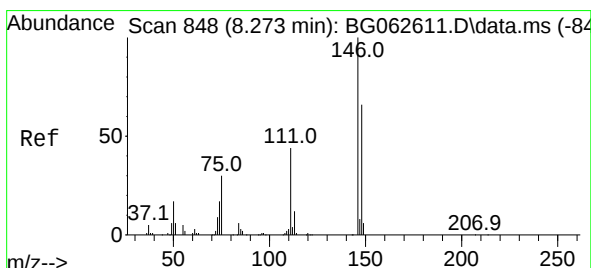
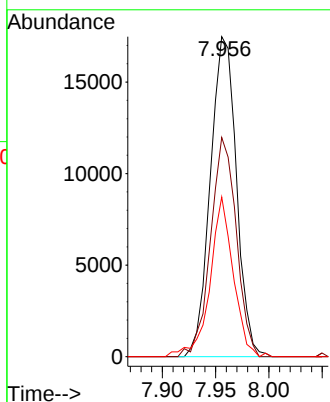
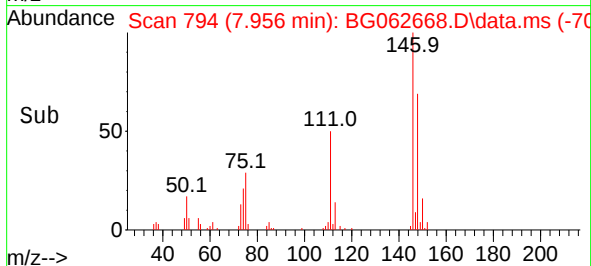


#13  
1,4-Dichlorobenzene  
Concen: 8.865 ng  
RT: 7.956 min Scan# 794  
Delta R.T. 0.000 min  
Lab File: BG062668.D  
Acq: 5 Sep 2024 15:50

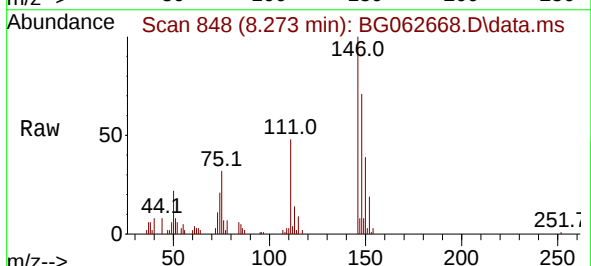
Instrument :  
BNA\_G  
ClientSampleId :



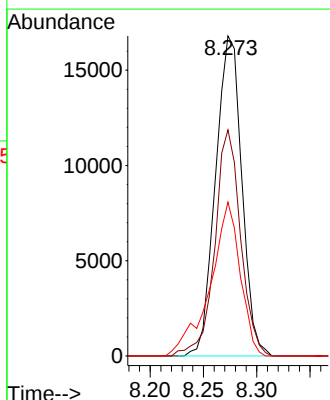
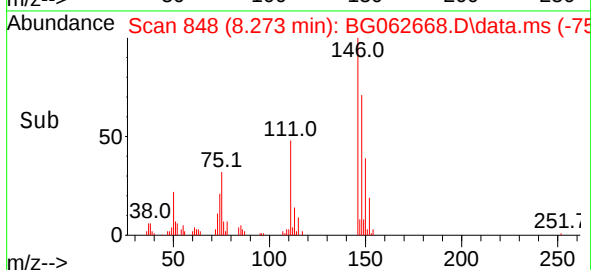
Tgt Ion:146 Resp: 29714  
Ion Ratio Lower Upper  
146 100  
148 68.5 53.0 79.6  
111 49.9 34.9 52.3

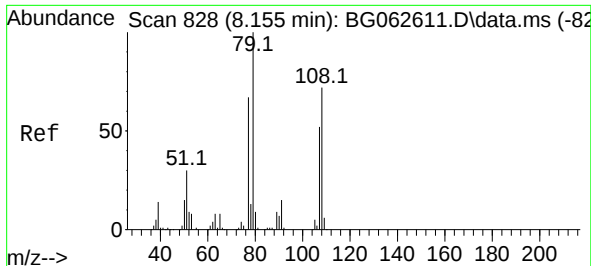


#14  
1,2-Dichlorobenzene  
Concen: 8.725 ng  
RT: 8.273 min Scan# 848  
Delta R.T. 0.000 min  
Lab File: BG062668.D  
Acq: 5 Sep 2024 15:50



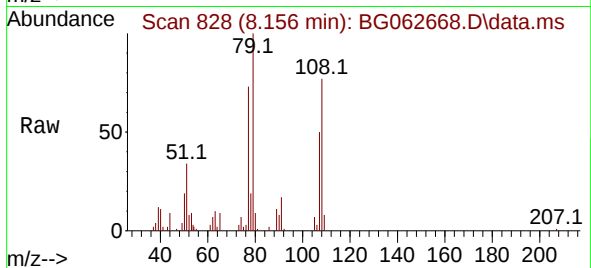
Tgt Ion:146 Resp: 28747  
Ion Ratio Lower Upper  
146 100  
148 70.7 52.5 78.7  
111 48.1 35.5 53.3



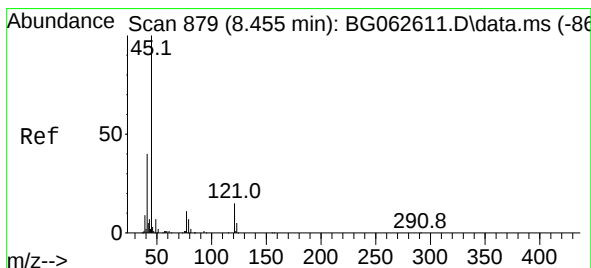
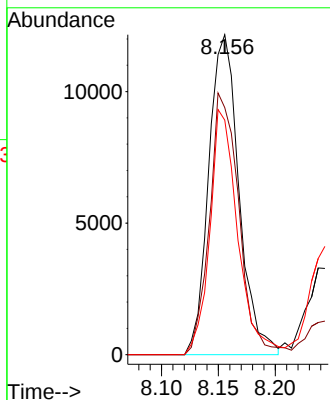
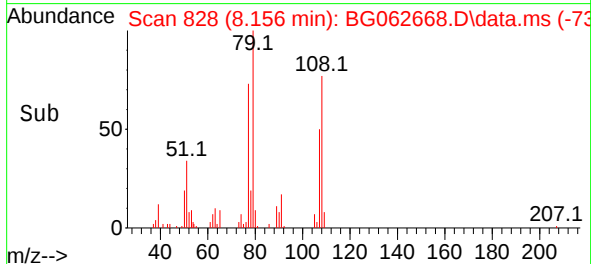


#15  
Benzyl Alcohol  
Concen: 7.635 ng  
RT: 8.156 min Scan# 81  
Delta R.T. 0.000 min  
Lab File: BG062668.D  
Acq: 5 Sep 2024 15:50

Instrument :  
BNA\_G  
ClientSampleId :

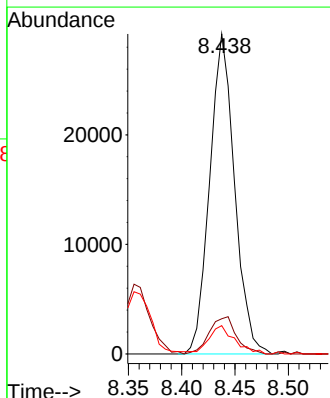
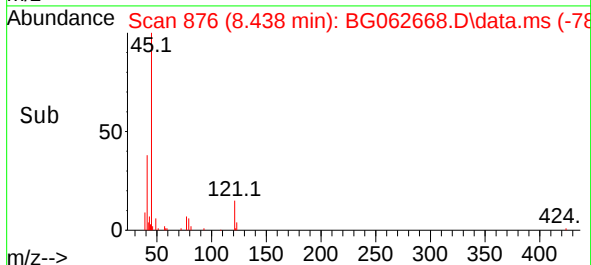
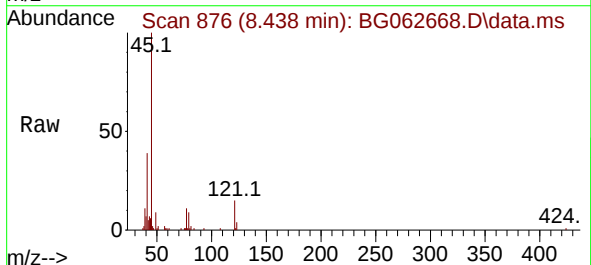


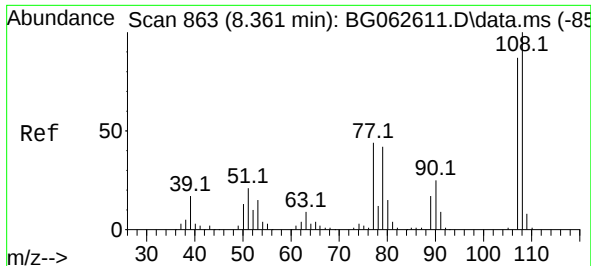
Tgt Ion: 79 Resp: 22560  
Ion Ratio Lower Upper  
79 100  
108 77.2 57.9 86.9  
77 73.3 53.4 80.2



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 8.037 ng  
RT: 8.438 min Scan# 876  
Delta R.T. -0.017 min  
Lab File: BG062668.D  
Acq: 5 Sep 2024 15:50

Tgt Ion: 45 Resp: 47413  
Ion Ratio Lower Upper  
45 100  
77 11.0 0.0 31.7  
79 8.9 0.0 28.3



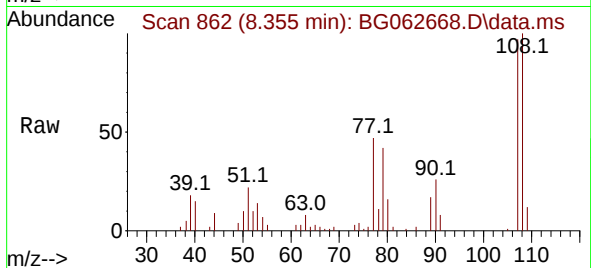


#17  
2-Methylphenol  
Concen: 7.915 ng  
RT: 8.355 min Scan# 863  
Delta R.T. -0.005 min  
Lab File: BG062668.D  
Acq: 5 Sep 2024 15:50

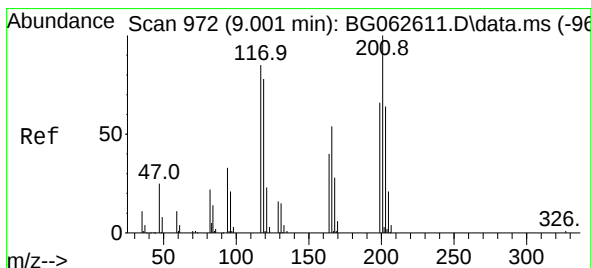
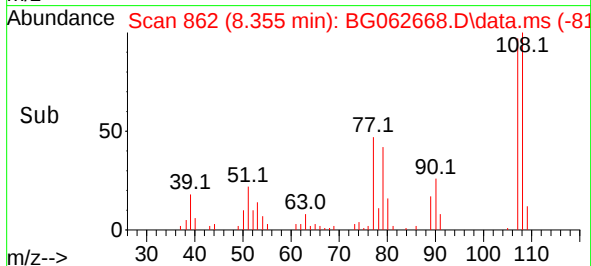
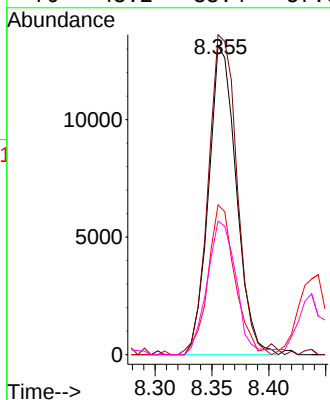
Instrument :

BNA\_G

ClientSampleId :

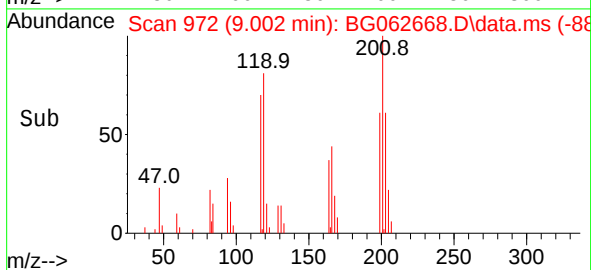
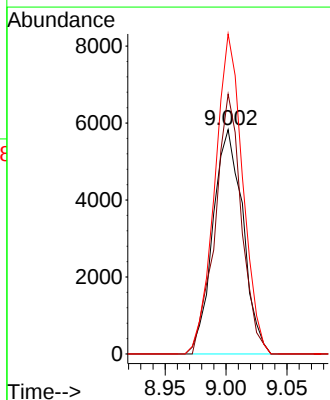
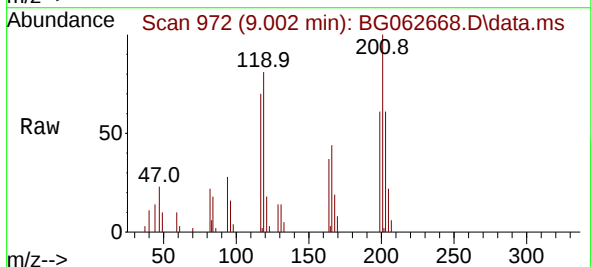


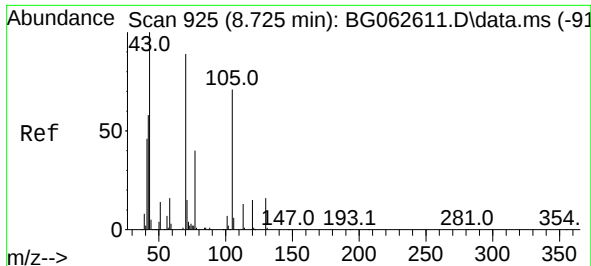
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 107   | Resp: | 22307 |
| Ion      | Ratio | Lower | Upper |
| 107      | 100   |       |       |
| 108      | 103.5 | 91.5  | 137.3 |
| 77       | 48.4  | 40.0  | 60.0  |
| 79       | 43.2  | 38.4  | 57.6  |



#18  
Hexachloroethane  
Concen: 7.951 ng  
RT: 9.002 min Scan# 972  
Delta R.T. 0.000 min  
Lab File: BG062668.D  
Acq: 5 Sep 2024 15:50

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 9993   |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 115.8 | 73.4  | 110.0# |
| 201      | 145.6 | 93.9  | 140.9# |



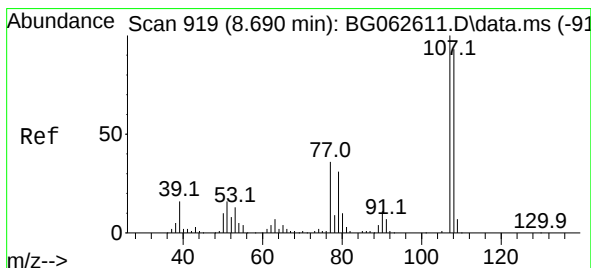
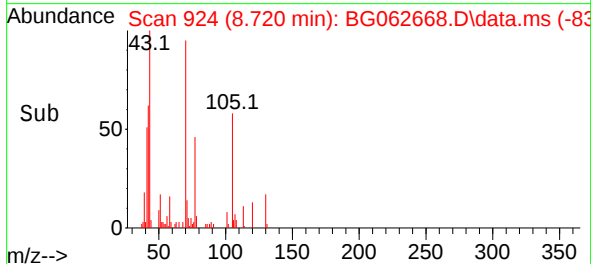
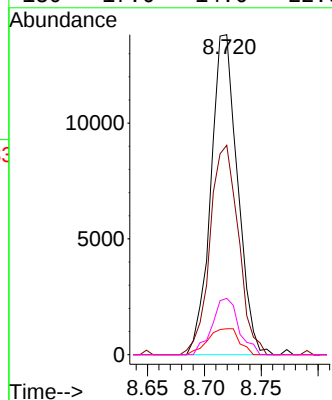
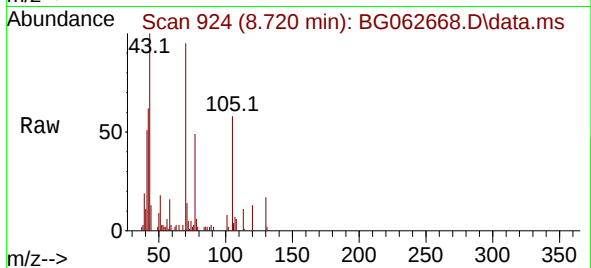


#19  
n-Nitroso-di-n-propylamine  
Concen: 7.175 ng  
RT: 8.720 min Scan# 918  
Delta R.T. -0.005 min  
Lab File: BG062668.D  
Acq: 5 Sep 2024 15:50

Instrument :  
BNA\_G  
ClientSampleId :

Tgt Ion: 70 Resp: 22578

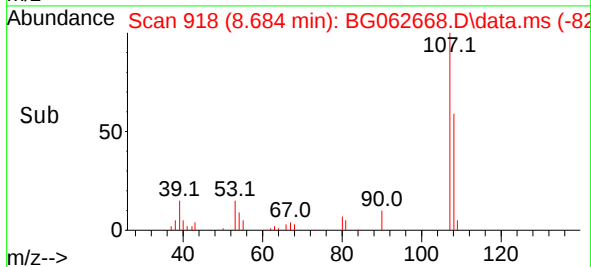
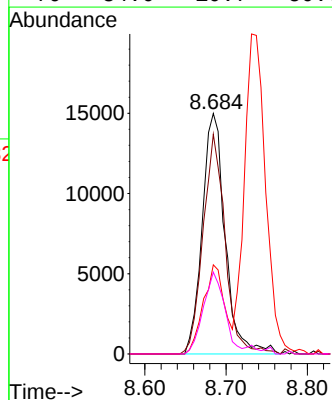
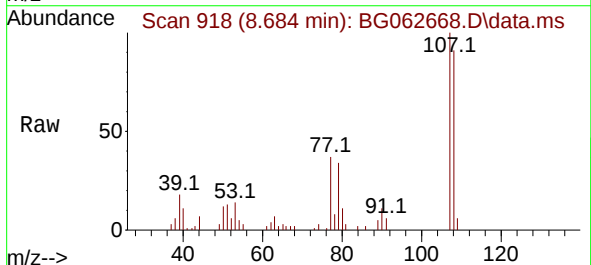
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 70  | 100   |       |       |
| 42  | 65.4  | 52.3  | 78.5  |
| 101 | 8.1   | 6.6   | 9.8   |
| 130 | 17.6  | 14.6  | 22.0  |

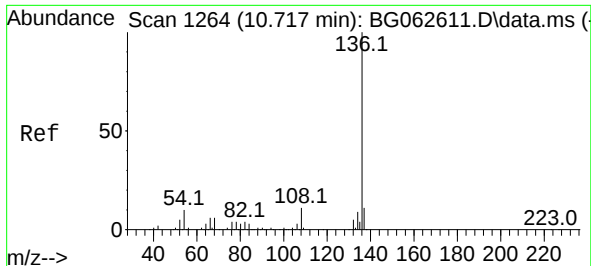


#20  
3+4-Methylphenols  
Concen: 7.051 ng  
RT: 8.684 min Scan# 918  
Delta R.T. -0.005 min  
Lab File: BG062668.D  
Acq: 5 Sep 2024 15:50

Tgt Ion: 107 Resp: 29317

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 107 | 100   |       |       |
| 108 | 91.3  | 72.7  | 112.7 |
| 77  | 37.0  | 16.5  | 56.5  |
| 79  | 34.0  | 10.7  | 50.7  |

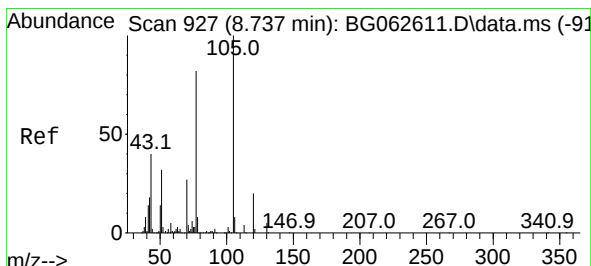
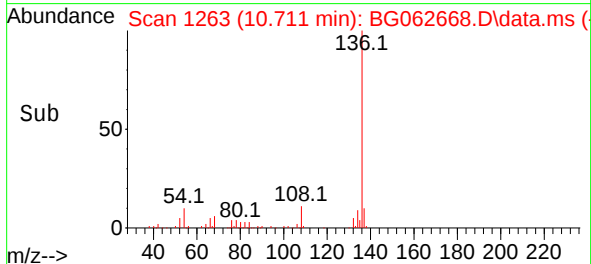
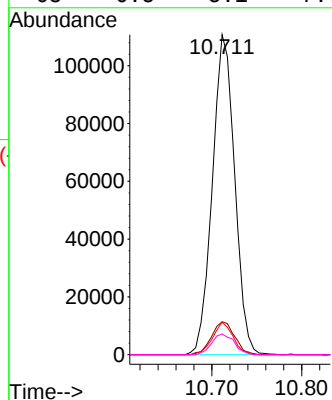
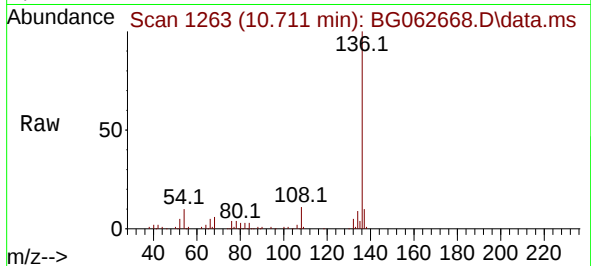




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.711 min Scan# 1263  
Delta R.T. -0.005 min  
Lab File: BG062668.D  
Acq: 5 Sep 2024 15:50

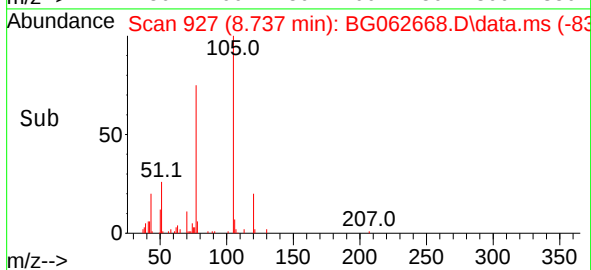
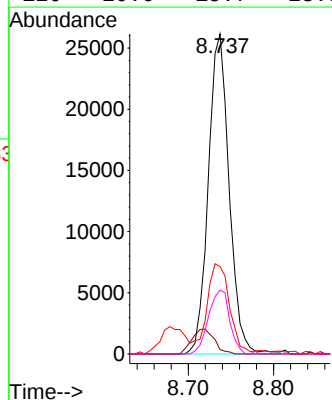
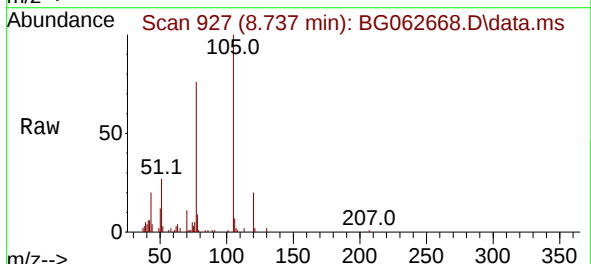
Instrument : BNA\_G  
ClientSampleId :

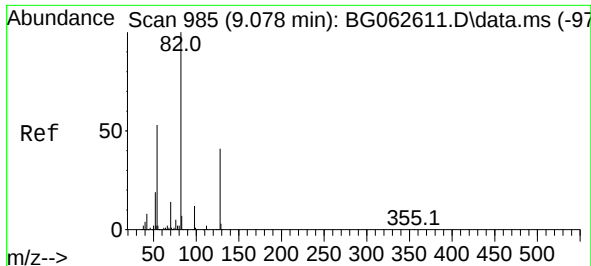
|             |              |
|-------------|--------------|
| Tgt Ion:136 | Resp: 191088 |
| Ion Ratio   | Lower Upper  |
| 136 100     |              |
| 137 10.3    | 9.0 13.4     |
| 54 10.2     | 7.8 11.6     |
| 68 6.5      | 5.1 7.7      |



#22  
Acetophenone  
Concen: 8.602 ng  
RT: 8.737 min Scan# 927  
Delta R.T. 0.000 min  
Lab File: BG062668.D  
Acq: 5 Sep 2024 15:50

|     |         |       |       |
|-----|---------|-------|-------|
| Tgt | Ion:105 | Resp: | 44341 |
| Ion | Ratio   | Lower | Upper |
| 105 | 100     |       |       |
| 71  | 1.3     | 3.5   | 5.3#  |
| 51  | 27.3    | 25.7  | 38.5  |
| 120 | 20.0    | 15.7  | 23.5  |





#23

Nitrobenzene-d5

Concen: 98.912 ng

RT: 9.072 min Scan# 91

Delta R.T. -0.005 min

Lab File: BG062668.D

Acq: 5 Sep 2024 15:50

Instrument :

BNA\_G

ClientSampleId :

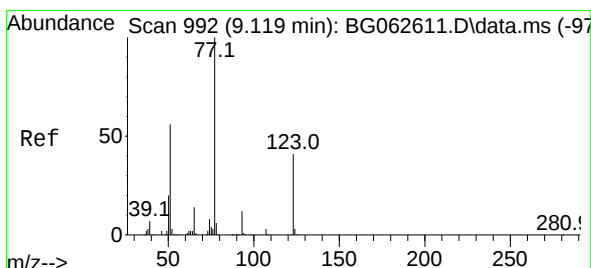
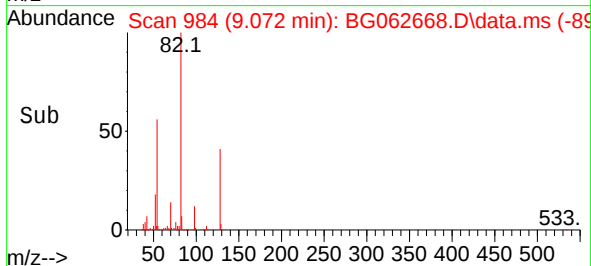
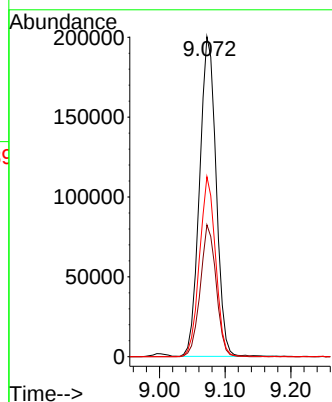
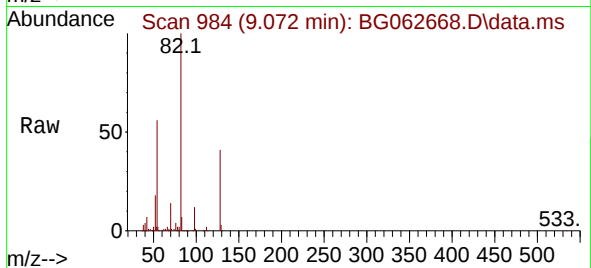
Tgt Ion: 82 Resp: 350949

Ion Ratio Lower Upper

82 100

128 41.2 32.5 48.7

54 56.2 42.5 63.7



#24

Nitrobenzene

Concen: 9.238 ng

RT: 9.113 min Scan# 991

Delta R.T. -0.005 min

Lab File: BG062668.D

Acq: 5 Sep 2024 15:50

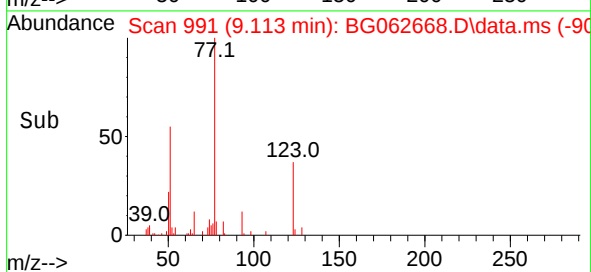
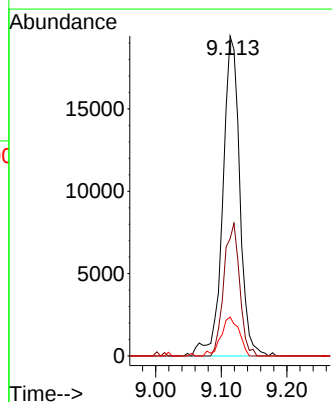
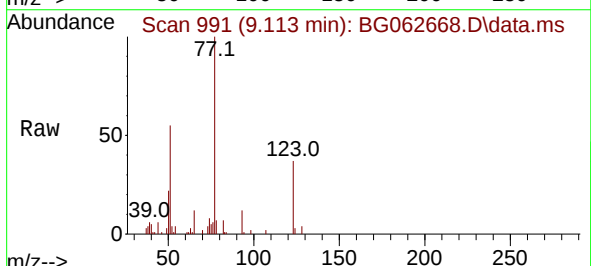
Tgt Ion: 77 Resp: 34852

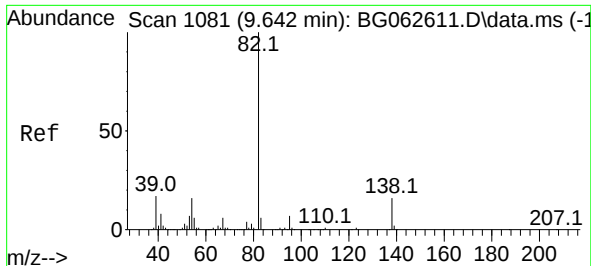
Ion Ratio Lower Upper

77 100

123 36.6 33.1 49.7

65 12.2 11.0 16.4





#25

Isophorone

Concen: 7.757 ng

RT: 9.636 min Scan# 1

Delta R.T. -0.005 min

Lab File: BG062668.D

Acq: 5 Sep 2024 15:50

Instrument :

BNA\_G

ClientSampleId :

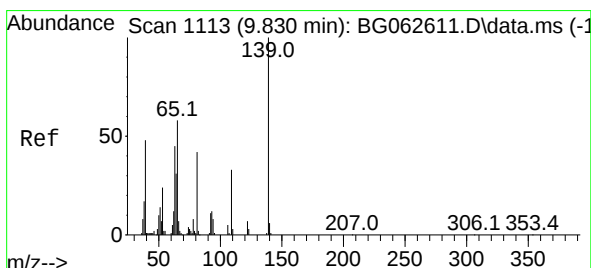
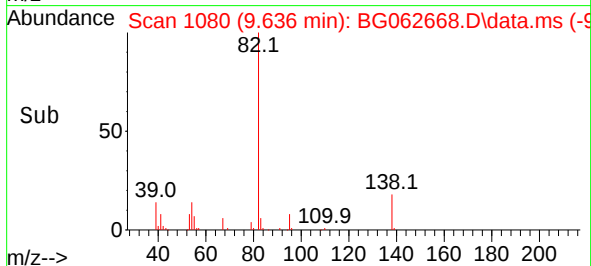
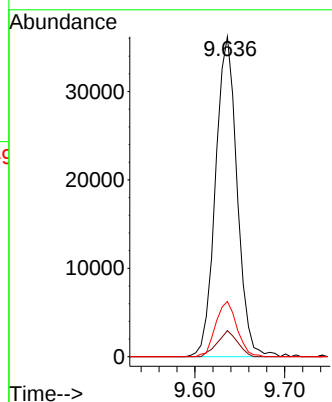
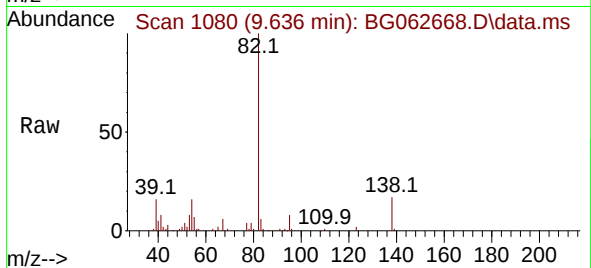
Tgt Ion: 82 Resp: 60417

Ion Ratio Lower Upper

82 100

95 8.1 5.4 8.0#

138 17.3 12.6 18.8



#26

2-Nitrophenol

Concen: 8.698 ng

RT: 9.830 min Scan# 1113

Delta R.T. 0.000 min

Lab File: BG062668.D

Acq: 5 Sep 2024 15:50

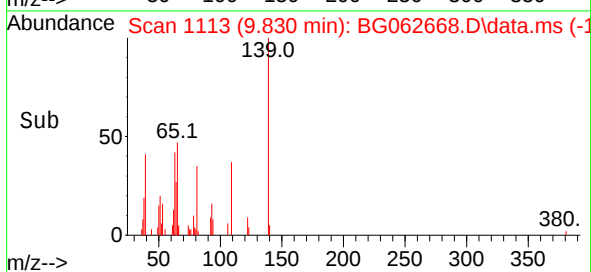
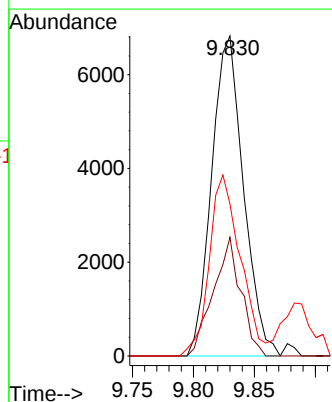
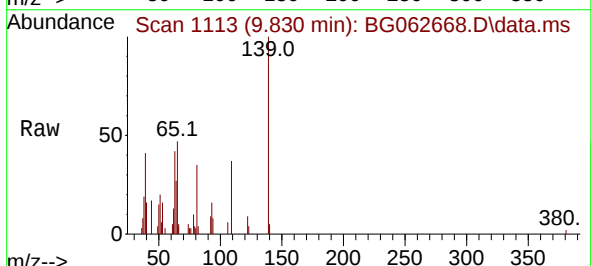
Tgt Ion:139 Resp: 12398

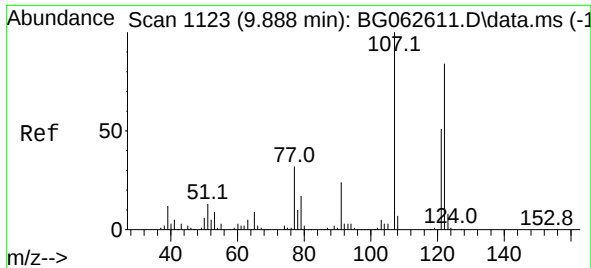
Ion Ratio Lower Upper

139 100

109 37.1 26.6 39.8

65 47.5 46.5 69.7

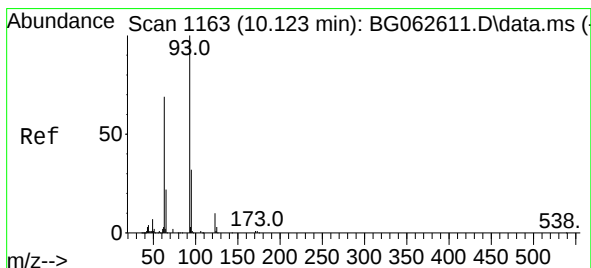
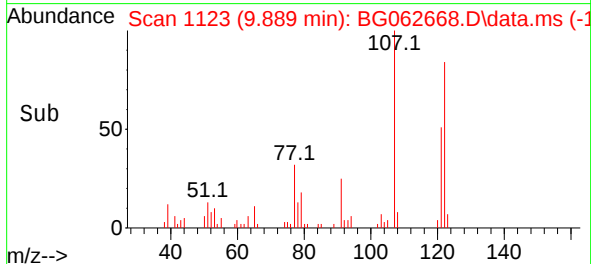
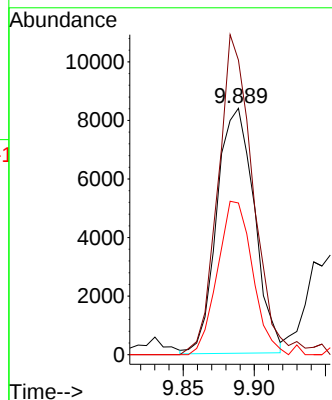
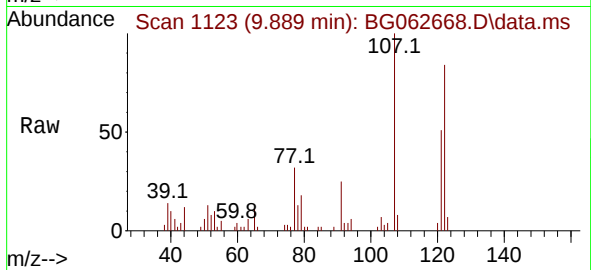




#27  
2,4-Dimethylphenol  
Concen: 7.350 ng  
RT: 9.889 min Scan# 1123  
Delta R.T. 0.000 min  
Lab File: BG062668.D  
Acq: 5 Sep 2024 15:50

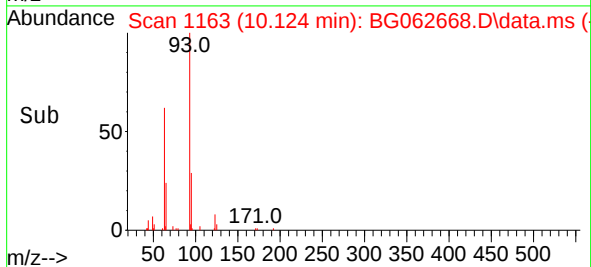
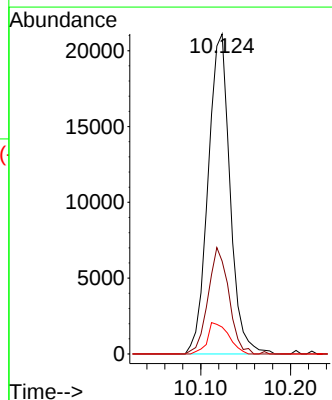
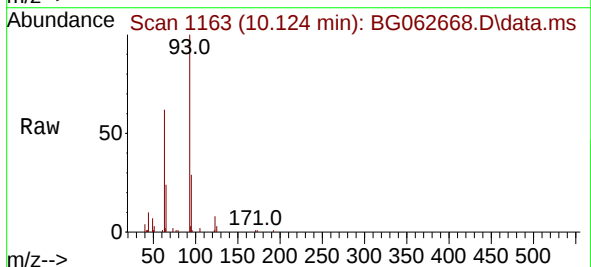
Instrument :  
BNA\_G  
ClientSampleId :

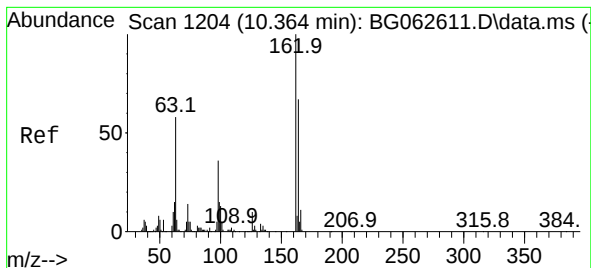
Tgt Ion:122 Resp: 15352  
Ion Ratio Lower Upper  
122 100  
107 119.6 95.8 143.6  
121 61.6 48.6 72.8



#28  
bis(2-Chloroethoxy)methane  
Concen: 8.575 ng  
RT: 10.124 min Scan# 1163  
Delta R.T. 0.000 min  
Lab File: BG062668.D  
Acq: 5 Sep 2024 15:50

Tgt Ion: 93 Resp: 35754  
Ion Ratio Lower Upper  
93 100  
95 29.0 25.4 38.0  
123 8.4 7.9 11.9





#29

2,4-Dichlorophenol

Concen: 8.326 ng

RT: 10.359 min Scan# 1

Delta R.T. -0.005 min

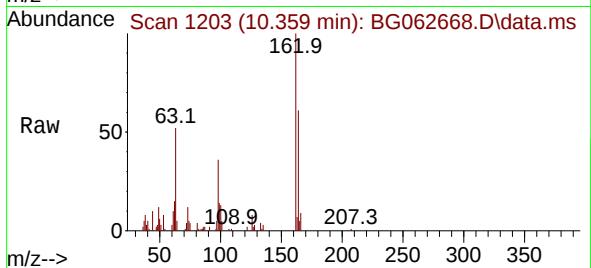
Lab File: BG062668.D

Acq: 5 Sep 2024 15:50

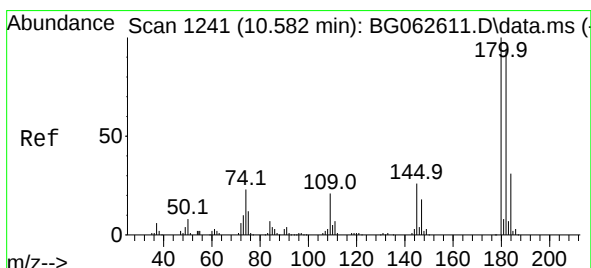
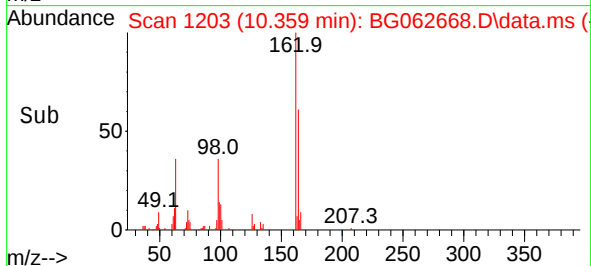
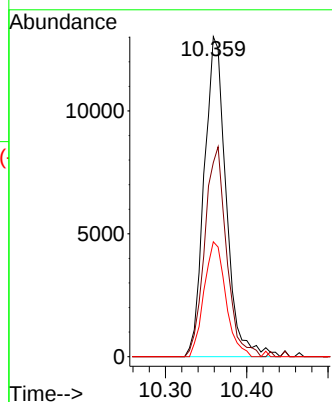
Instrument :

BNA\_G

ClientSampleId :



|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 162   | Resp: | 24315 |
| Ion Ratio | Lower | Upper |       |
| 162       | 100   |       |       |
| 164       | 60.7  | 46.8  | 86.8  |
| 98        | 35.9  | 16.4  | 56.4  |



#30

1,2,4-Trichlorobenzene

Concen: 8.998 ng

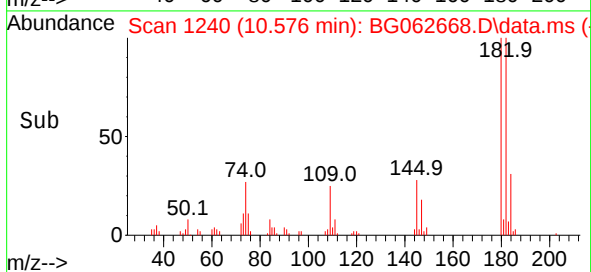
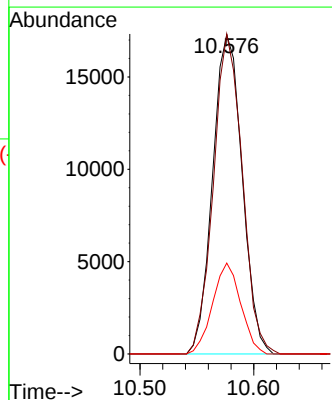
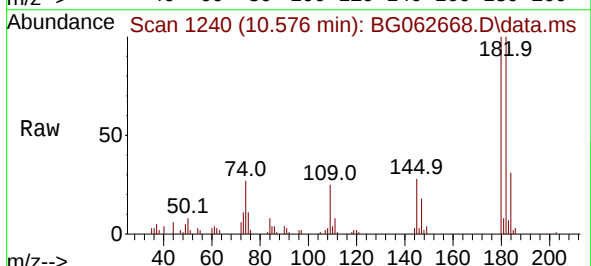
RT: 10.576 min Scan# 1240

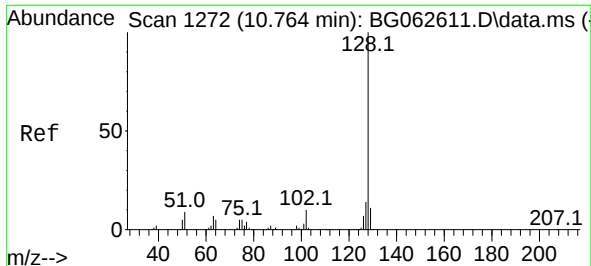
Delta R.T. -0.005 min

Lab File: BG062668.D

Acq: 5 Sep 2024 15:50

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 180   | Resp: | 31149 |
| Ion Ratio | Lower | Upper |       |
| 180       | 100   |       |       |
| 182       | 100.3 | 75.1  | 112.7 |
| 145       | 28.5  | 20.8  | 31.2  |

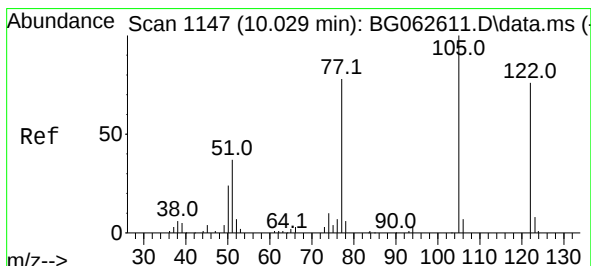
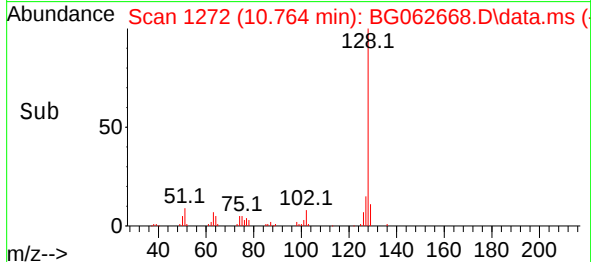
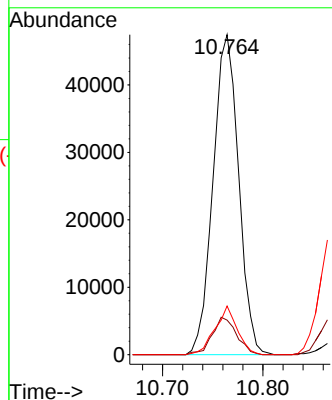
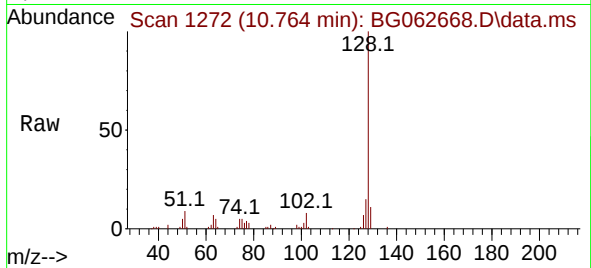




#31  
Naphthalene  
Concen: 8.862 ng  
RT: 10.764 min Scan# 1134  
Delta R.T. 0.000 min  
Lab File: BG062668.D  
Acq: 5 Sep 2024 15:50

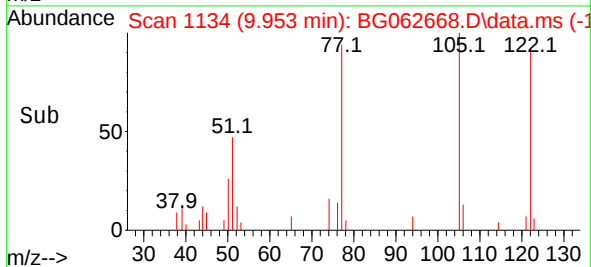
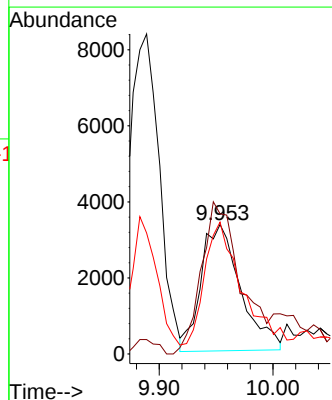
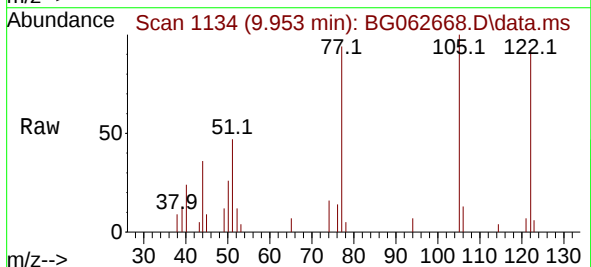
Instrument :  
BNA\_G  
ClientSampleId :

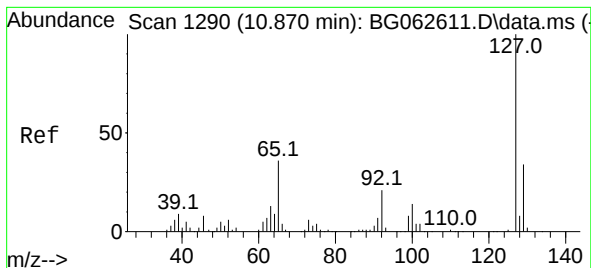
Tgt Ion:128 Resp: 83938  
Ion Ratio Lower Upper  
128 100  
129 10.8 8.8 13.2  
127 15.2 11.3 16.9



#32  
Benzoic acid  
Concen: 3.582 ng  
RT: 9.953 min Scan# 1134  
Delta R.T. -0.076 min  
Lab File: BG062668.D  
Acq: 5 Sep 2024 15:50

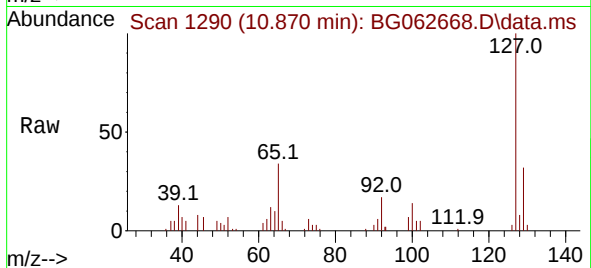
Tgt Ion:122 Resp: 8046  
Ion Ratio Lower Upper  
122 100  
105 108.3 105.7 145.7  
77 101.9 79.9 119.9



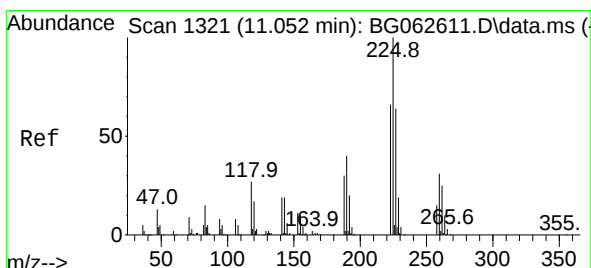
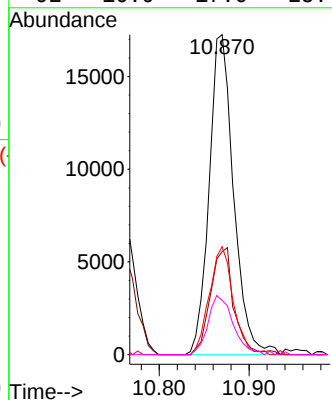
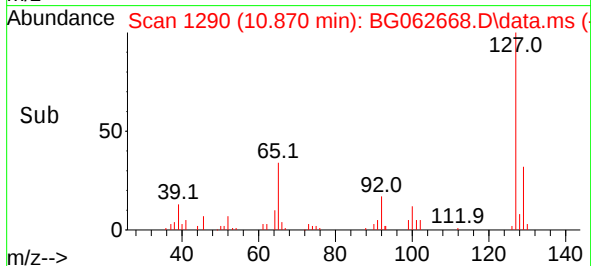


#33  
4-Chloroaniline  
Concen: 8.763 ng  
RT: 10.870 min Scan# 1290  
Delta R.T. 0.000 min  
Lab File: BG062668.D  
Acq: 5 Sep 2024 15:50

Instrument :  
BNA\_G  
ClientSampleId :

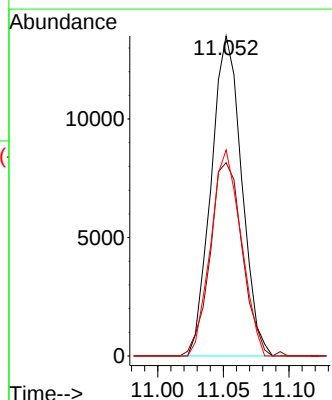
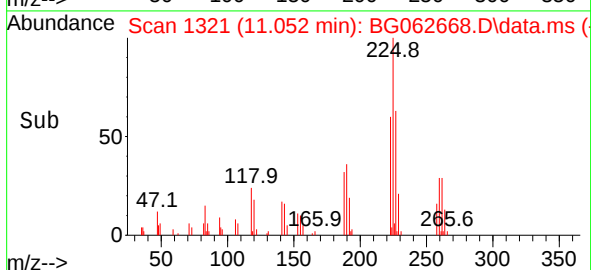
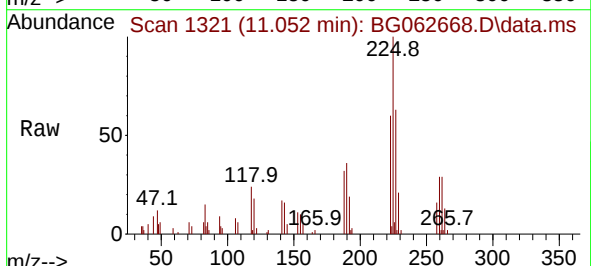


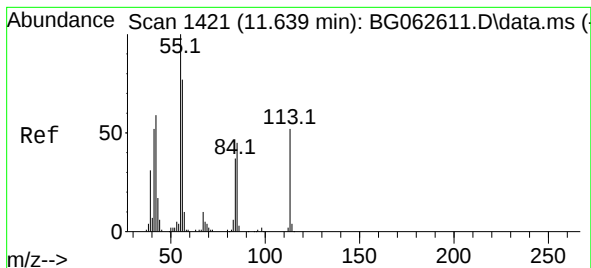
Tgt Ion:127 Resp: 32663  
Ion Ratio Lower Upper  
127 100  
129 32.2 27.3 40.9  
65 33.8 29.0 43.4  
92 16.9 17.0 25.4#



#34  
Hexachlorobutadiene  
Concen: 9.016 ng  
RT: 11.052 min Scan# 1321  
Delta R.T. 0.000 min  
Lab File: BG062668.D  
Acq: 5 Sep 2024 15:50

Tgt Ion:225 Resp: 21800  
Ion Ratio Lower Upper  
225 100  
223 56.9 50.1 75.1  
227 60.7 48.9 73.3





#35

Caprolactam

Concen: 8.284 ng

RT: 11.604 min Scan# 1415

Delta R.T. -0.035 min

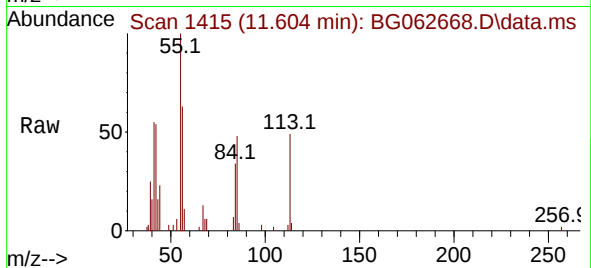
Lab File: BG062668.D

Acq: 5 Sep 2024 15:50

Instrument :

BNA\_G

ClientSampleId :



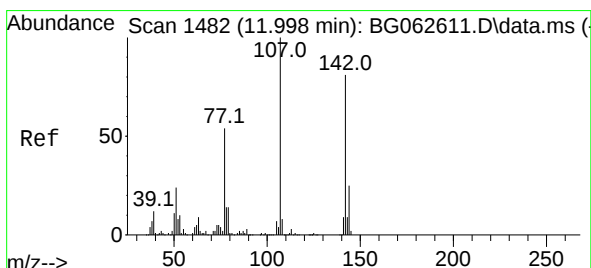
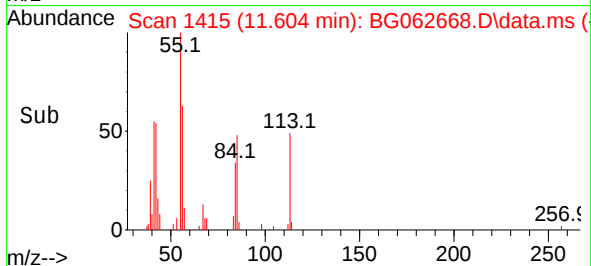
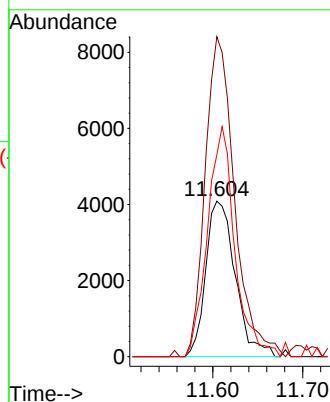
Tgt Ion:113 Resp: 9326

Ion Ratio Lower Upper

113 100

55 205.8 174.1 214.1

56 129.7 129.8 169.8#



#36

4-Chloro-3-methylphenol

Concen: 7.201 ng

RT: 11.992 min Scan# 1481

Delta R.T. -0.005 min

Lab File: BG062668.D

Acq: 5 Sep 2024 15:50

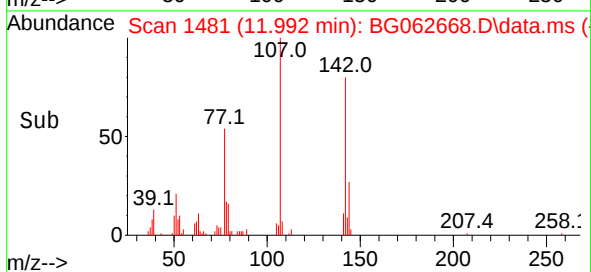
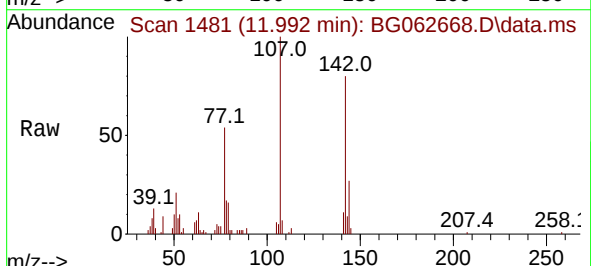
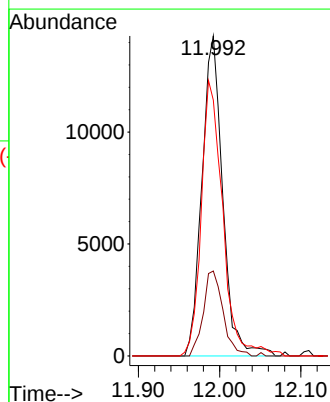
Tgt Ion:107 Resp: 25364

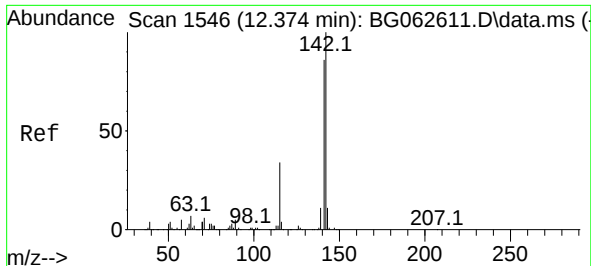
Ion Ratio Lower Upper

107 100

144 26.6 19.8 29.8

142 80.0 64.7 97.1

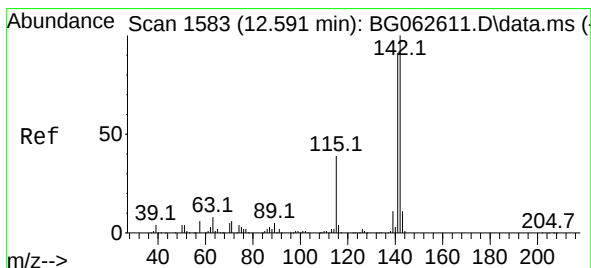
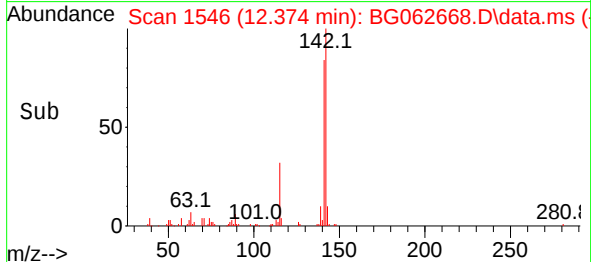
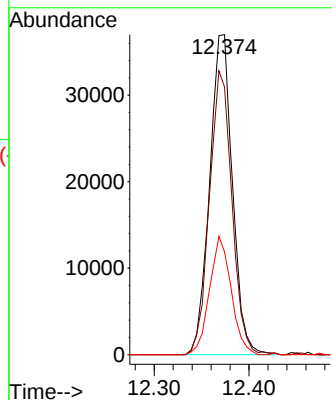
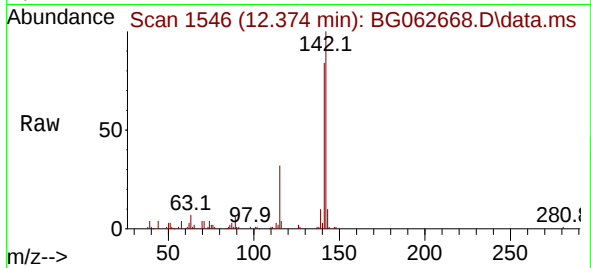




#37  
2-Methylnaphthalene  
Concen: 8.441 ng  
RT: 12.374 min Scan# 1546  
Delta R.T. 0.000 min  
Lab File: BG062668.D  
Acq: 5 Sep 2024 15:50

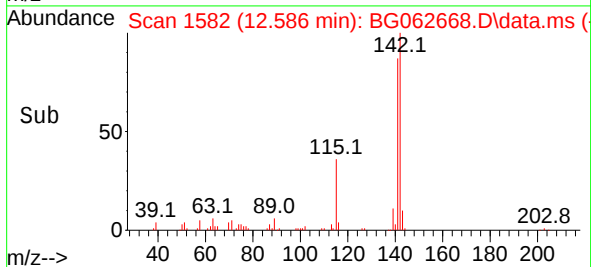
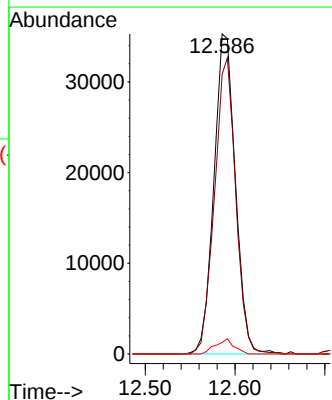
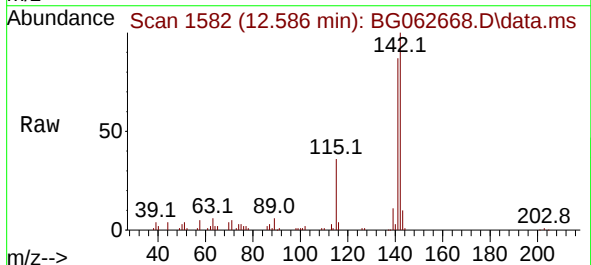
Instrument :  
BNA\_G  
ClientSampleId :

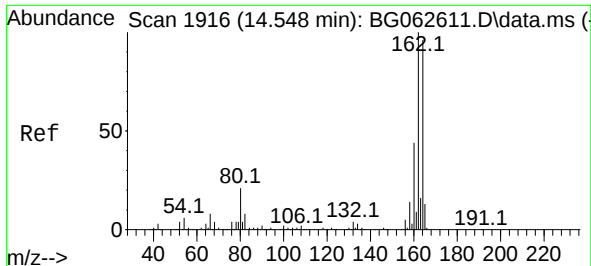
Tgt Ion:142 Resp: 62007  
Ion Ratio Lower Upper  
142 100  
141 83.6 68.9 103.3  
115 32.1 27.5 41.3



#38  
1-Methylnaphthalene  
Concen: 7.930 ng  
RT: 12.586 min Scan# 1582  
Delta R.T. -0.005 min  
Lab File: BG062668.D  
Acq: 5 Sep 2024 15:50

Tgt Ion:142 Resp: 58496  
Ion Ratio Lower Upper  
142 100  
141 87.4 73.0 109.4  
116 3.6 3.2 4.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.542 min Scan# 1

Delta R.T. -0.005 min

Lab File: BG062668.D

Acq: 5 Sep 2024 15:50

Instrument :

BNA\_G

ClientSampleId :

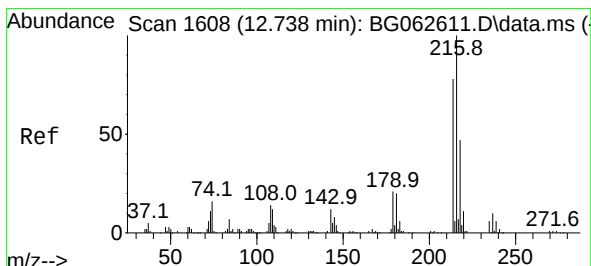
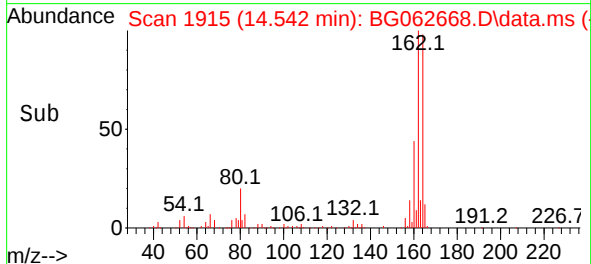
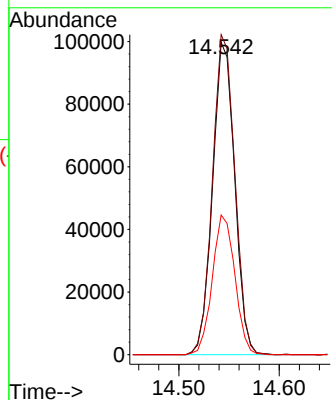
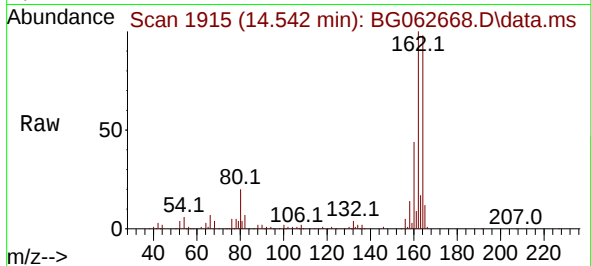
Tgt Ion:164 Resp: 152424

Ion Ratio Lower Upper

164 100

162 102.5 83.1 124.7

160 44.7 36.2 54.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 9.358 ng

RT: 12.738 min Scan# 1608

Delta R.T. 0.000 min

Lab File: BG062668.D

Acq: 5 Sep 2024 15:50

Tgt Ion:216 Resp: 42897

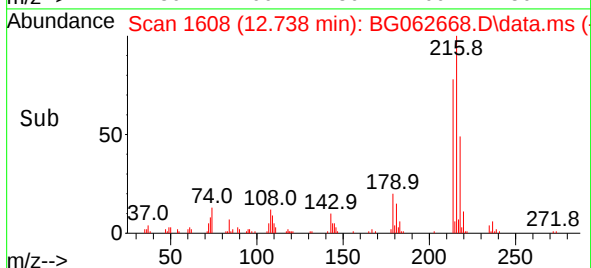
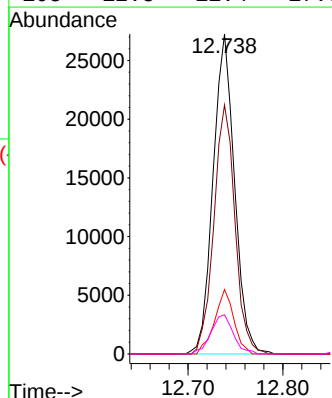
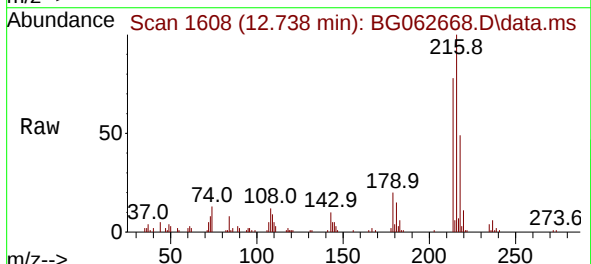
Ion Ratio Lower Upper

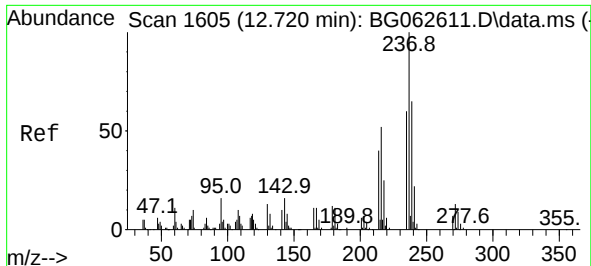
216 100

214 76.3 61.6 92.4

179 18.1 15.9 23.9

108 12.8 11.4 17.0

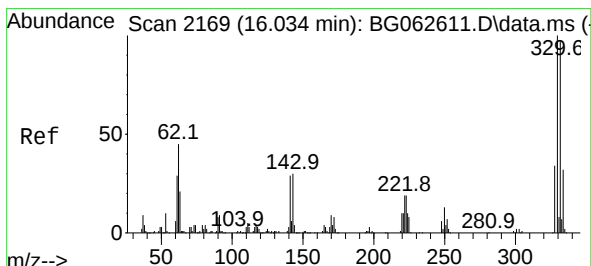
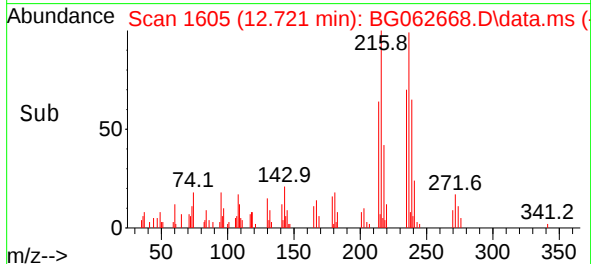
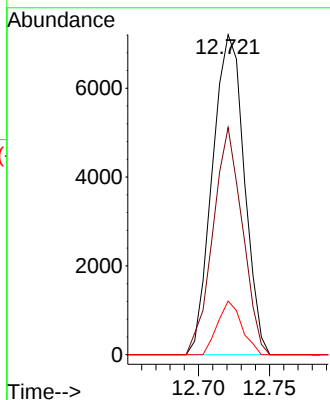
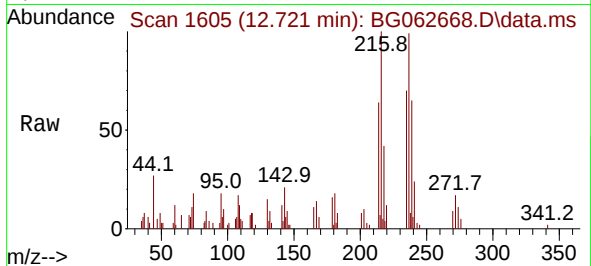




#41  
Hexachlorocyclopentadiene  
Concen: 8.592 ng  
RT: 12.721 min Scan# 1  
Delta R.T. 0.001 min  
Lab File: BG062668.D  
Acq: 5 Sep 2024 15:50

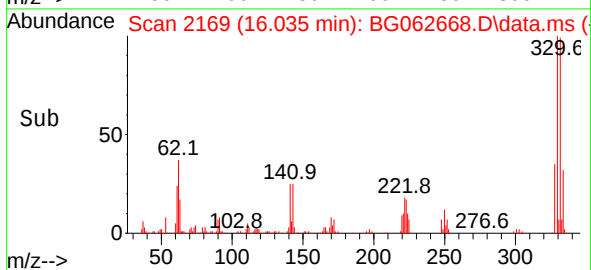
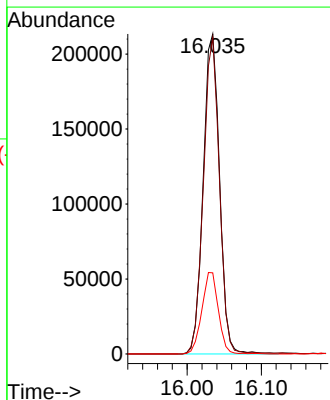
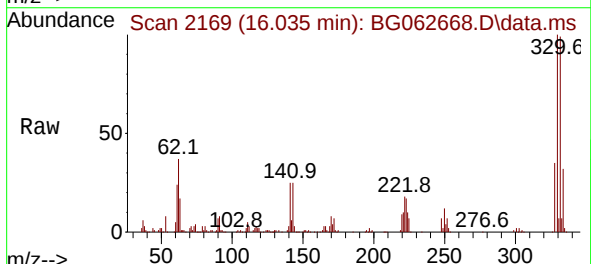
Instrument :  
BNA\_G  
ClientSampleId :

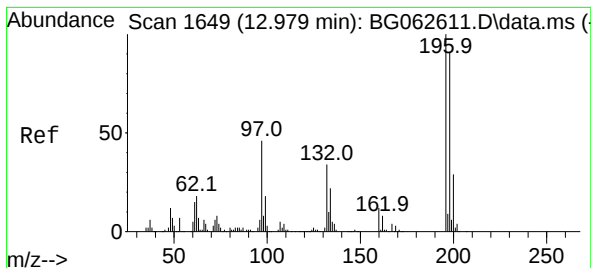
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 237     | 100   |       |       |
| 235     | 71.0  | 40.4  | 80.4  |
| 272     | 16.7  | 0.0   | 32.7  |



#42  
2,4,6-Tribromophenol  
Concen: 152.242 ng  
RT: 16.035 min Scan# 2169  
Delta R.T. 0.000 min  
Lab File: BG062668.D  
Acq: 5 Sep 2024 15:50

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 96.7  | 77.2  | 115.8 |
| 141     | 25.7  | 22.2  | 33.4  |





#43

2,4,6-Trichlorophenol

Concen: 8.627 ng

RT: 12.979 min Scan# 1

Delta R.T. 0.000 min

Lab File: BG062668.D

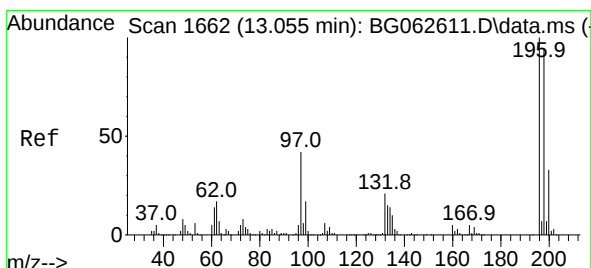
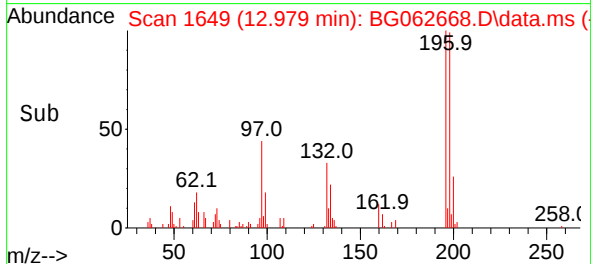
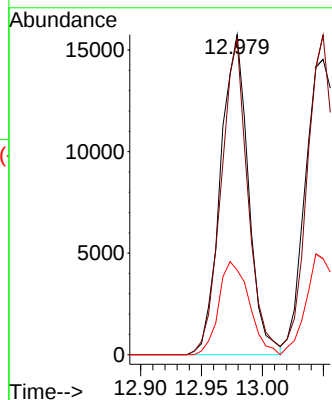
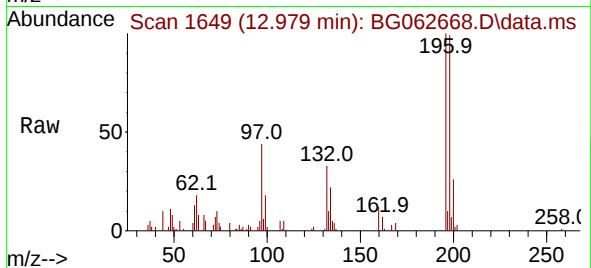
Acq: 5 Sep 2024 15:50

Instrument :

BNA\_G

ClientSampleId :

|             |       |            |
|-------------|-------|------------|
| Tgt Ion:196 | Resp: | 25068      |
| Ion Ratio   | Lower | Upper      |
| 196         | 100   |            |
| 198         | 98.5  | 72.8 109.2 |
| 200         | 26.4  | 23.5 35.3  |



#44

2,4,5-Trichlorophenol

Concen: 8.458 ng

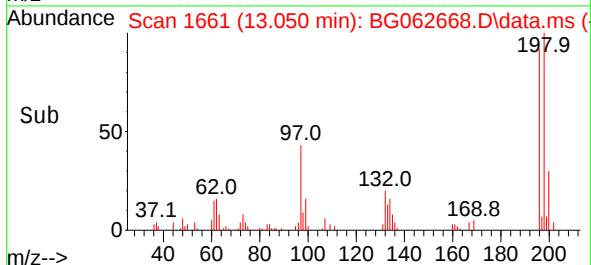
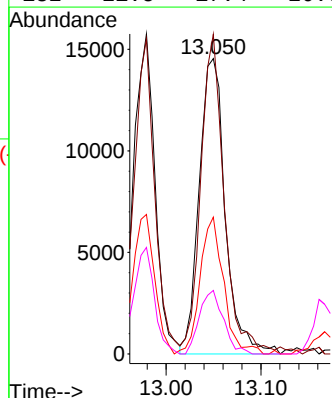
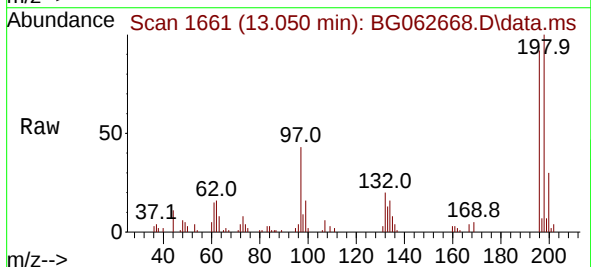
RT: 13.050 min Scan# 1661

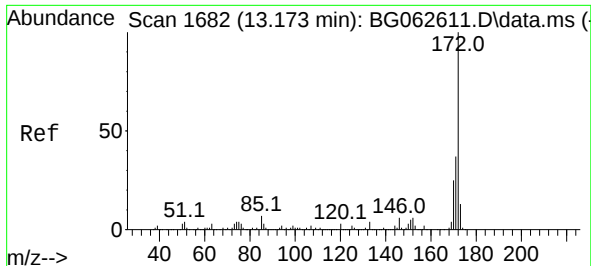
Delta R.T. -0.005 min

Lab File: BG062668.D

Acq: 5 Sep 2024 15:50

|             |       |            |
|-------------|-------|------------|
| Tgt Ion:196 | Resp: | 27833      |
| Ion Ratio   | Lower | Upper      |
| 196         | 100   |            |
| 198         | 108.2 | 75.5 113.3 |
| 97          | 46.3  | 34.1 51.1  |
| 132         | 21.5  | 17.4 26.0  |





#45

2-Fluorobiphenyl

Concen: 93.778 ng

RT: 13.167 min Scan# 1

Delta R.T. -0.005 min

Lab File: BG062668.D

Acq: 5 Sep 2024 15:50

Instrument :

BNA\_G

ClientSampleId :

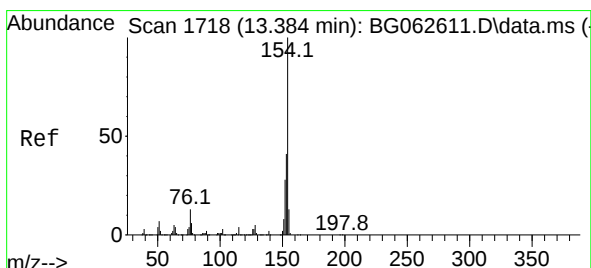
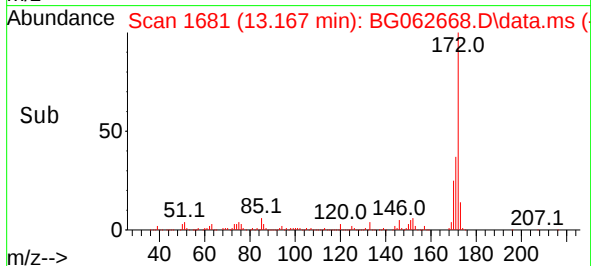
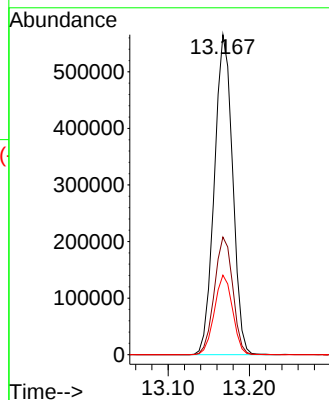
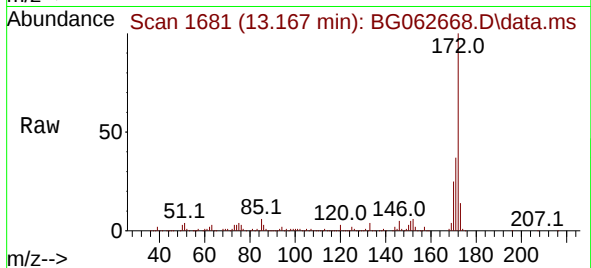
Tgt Ion:172 Resp: 882466

Ion Ratio Lower Upper

172 100

171 36.8 29.7 44.5

170 24.9 20.0 30.0



#46

1,1'-Biphenyl

Concen: 9.021 ng

RT: 13.379 min Scan# 1717

Delta R.T. -0.005 min

Lab File: BG062668.D

Acq: 5 Sep 2024 15:50

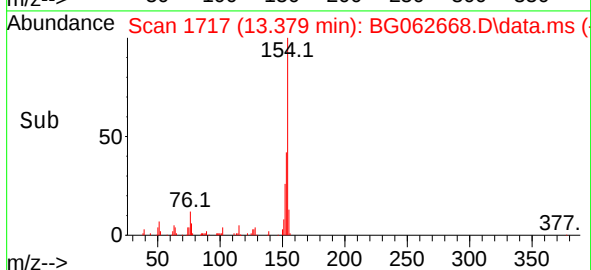
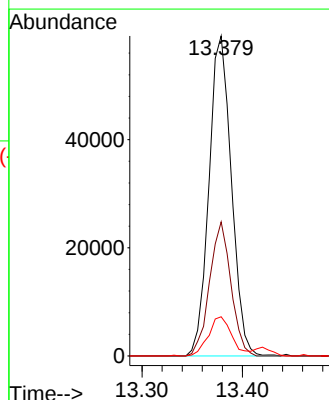
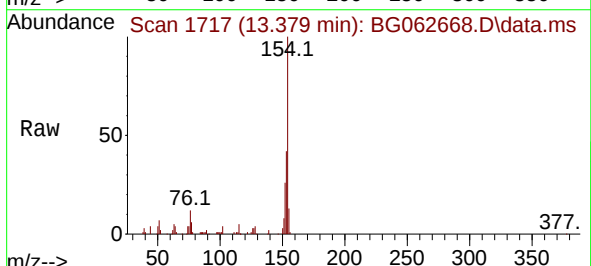
Tgt Ion:154 Resp: 91733

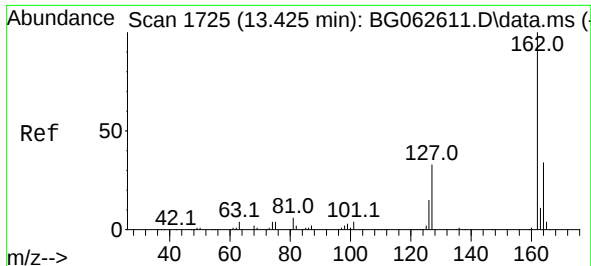
Ion Ratio Lower Upper

154 100

153 41.9 20.8 60.8

76 12.3 0.0 33.4





#47

2-Chloronaphthalene

Concen: 8.748 ng

RT: 13.420 min Scan# 1

Delta R.T. -0.005 min

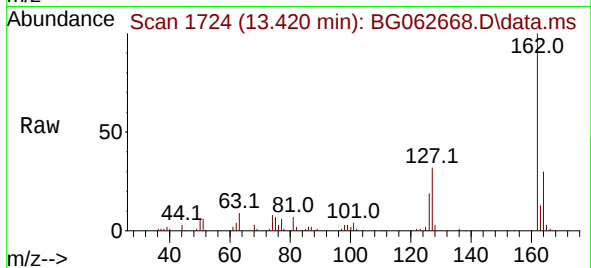
Lab File: BG062668.D

Acq: 5 Sep 2024 15:50

Instrument :

BNA\_G

ClientSampleId :



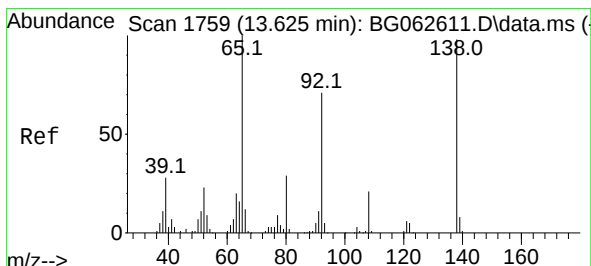
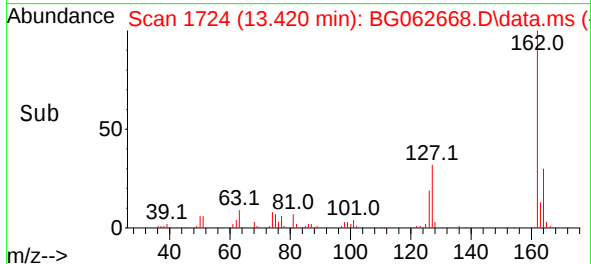
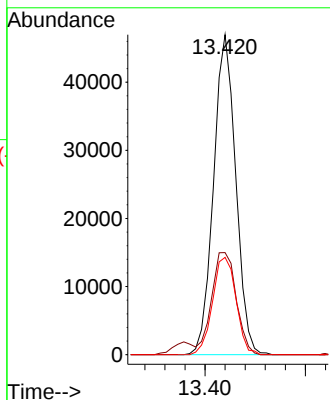
Tgt Ion:162 Resp: 72094

Ion Ratio Lower Upper

162 100

127 31.9 28.7 43.1

164 30.4 26.9 40.3



#48

2-Nitroaniline

Concen: 8.623 ng

RT: 13.614 min Scan# 1757

Delta R.T. -0.011 min

Lab File: BG062668.D

Acq: 5 Sep 2024 15:50

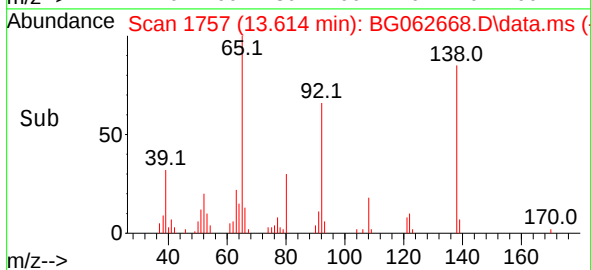
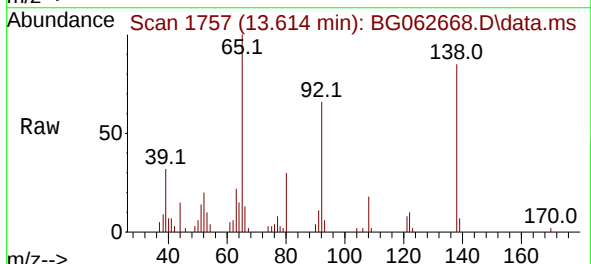
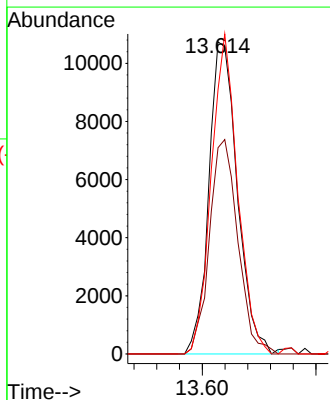
Tgt Ion: 65 Resp: 18691

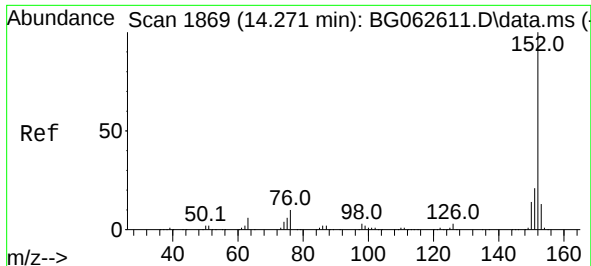
Ion Ratio Lower Upper

65 100

92 66.1 56.6 84.8

138 84.7 78.7 118.1





#49

Acenaphthylene

Concen: 9.384 ng

RT: 14.266 min Scan# 11

Delta R.T. -0.005 min

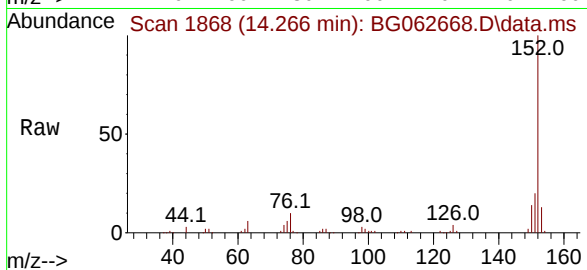
Lab File: BG062668.D

Acq: 5 Sep 2024 15:50

Instrument :

BNA\_G

ClientSampleId :



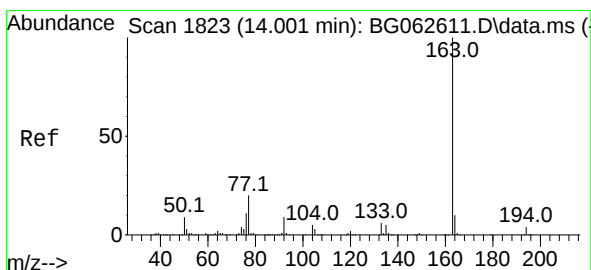
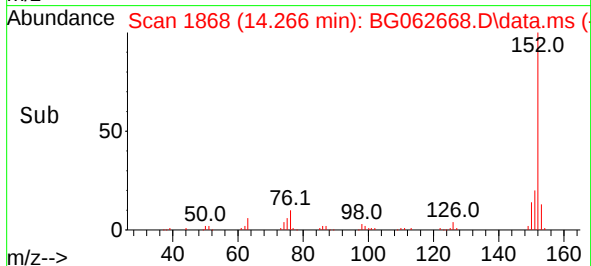
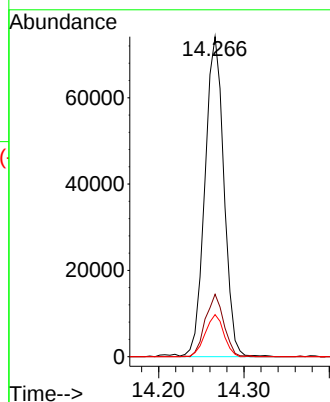
Tgt Ion:152 Resp: 114529

Ion Ratio Lower Upper

152 100

151 19.5 16.6 24.8

153 13.1 10.2 15.4



#50

Dimethylphthalate

Concen: 8.864 ng

RT: 13.996 min Scan# 1822

Delta R.T. -0.005 min

Lab File: BG062668.D

Acq: 5 Sep 2024 15:50

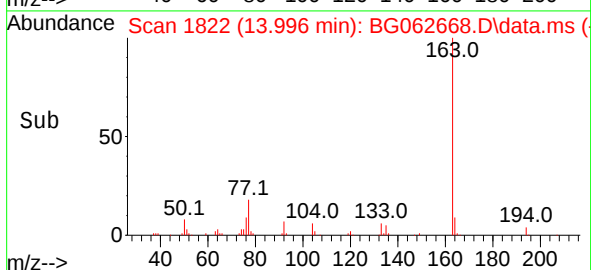
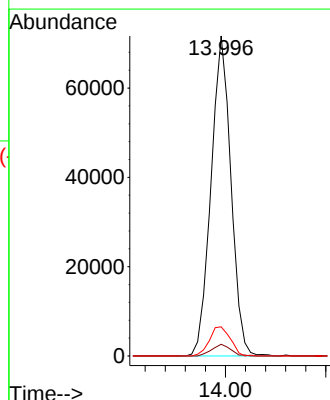
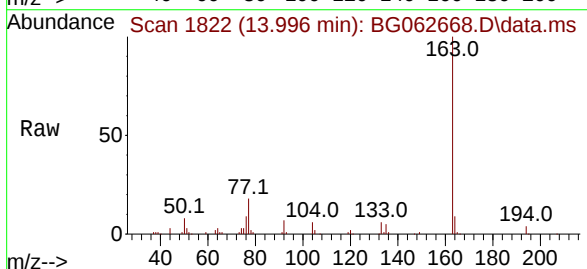
Tgt Ion:163 Resp: 98790

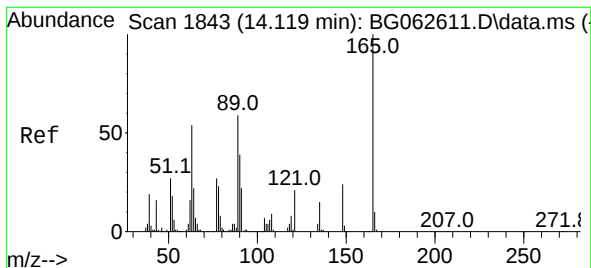
Ion Ratio Lower Upper

163 100

194 3.6 2.9 4.3

164 9.1 8.3 12.5





#51

2,6-Dinitrotoluene

Concen: 8.234 ng

RT: 14.113 min Scan# 1

Delta R.T. -0.005 min

Lab File: BG062668.D

Acq: 5 Sep 2024 15:50

Instrument :

BNA\_G

ClientSampleId :

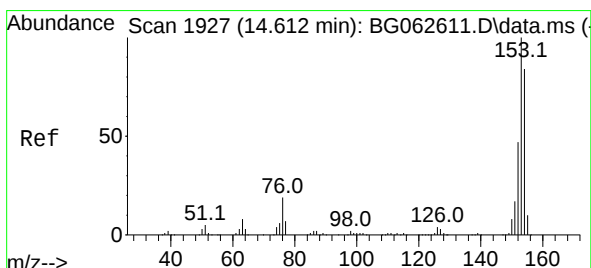
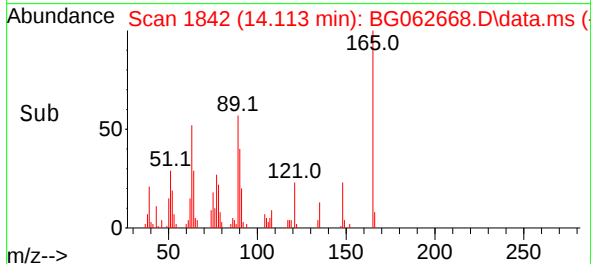
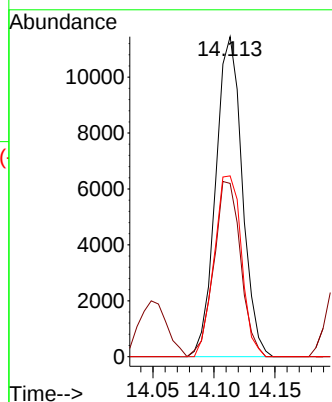
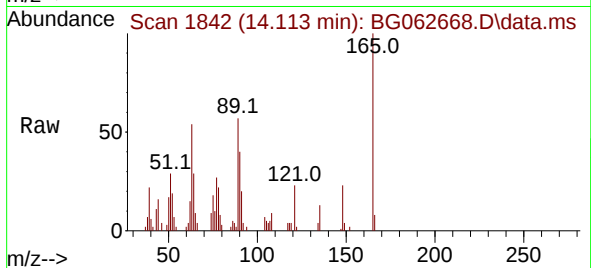
Tgt Ion:165 Resp: 17358

Ion Ratio Lower Upper

165 100

63 54.2 46.6 69.8

89 56.5 47.2 70.8



#52

Acenaphthene

Concen: 8.602 ng

RT: 14.607 min Scan# 1926

Delta R.T. -0.005 min

Lab File: BG062668.D

Acq: 5 Sep 2024 15:50

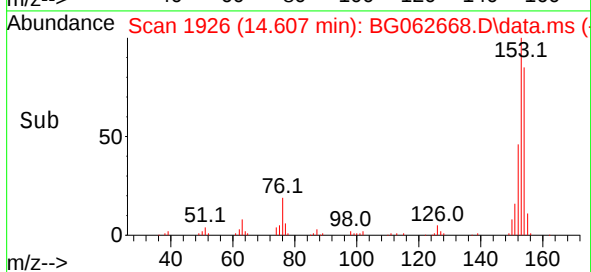
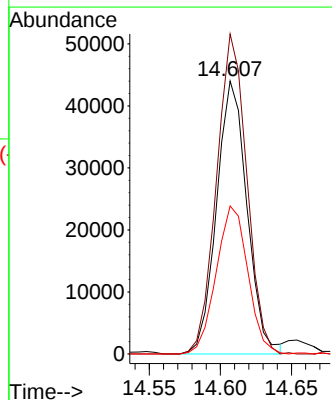
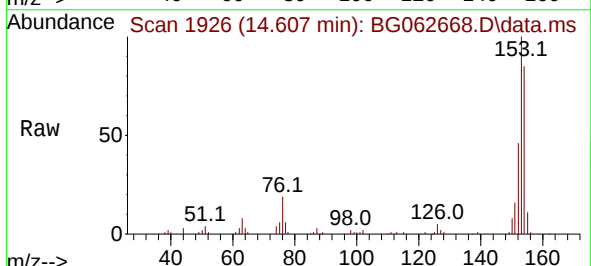
Tgt Ion:154 Resp: 65631

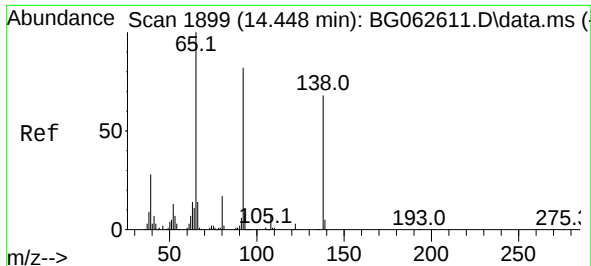
Ion Ratio Lower Upper

154 100

153 117.2 95.0 142.4

152 54.2 45.0 67.6

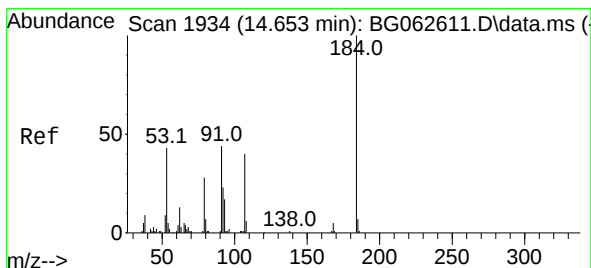
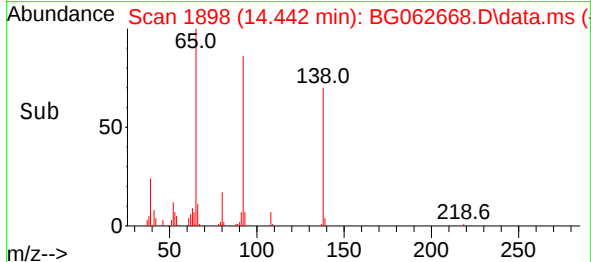
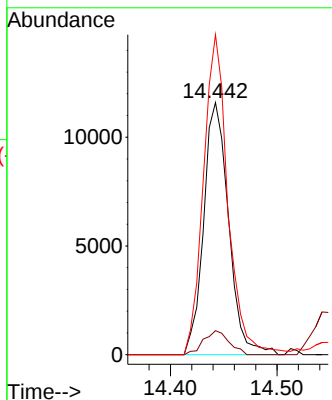
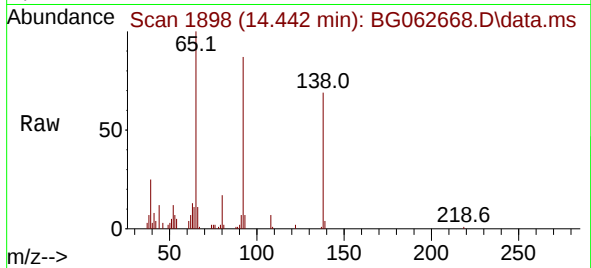




#53  
3-Nitroaniline  
Concen: 9.252 ng  
RT: 14.442 min Scan# 1899  
Delta R.T. -0.005 min  
Lab File: BG062668.D  
Acq: 5 Sep 2024 15:50

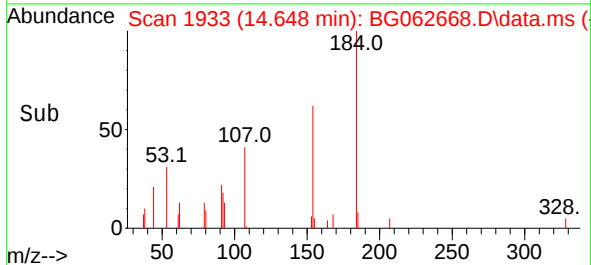
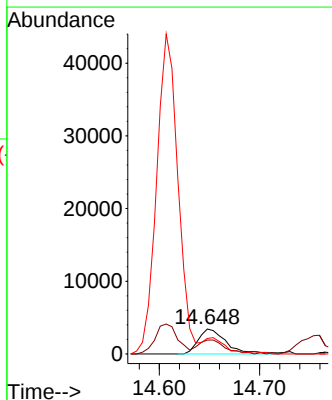
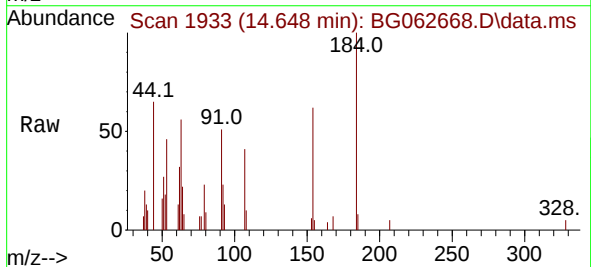
Instrument :  
BNA\_G  
ClientSampleId :

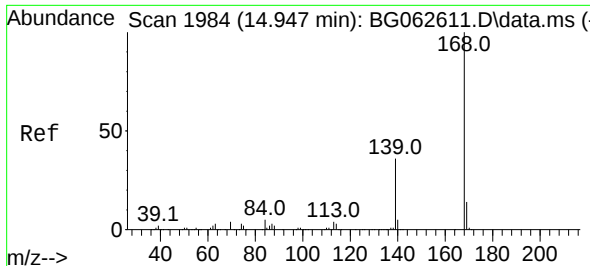
Tgt Ion:138 Resp: 18872  
Ion Ratio Lower Upper  
138 100  
108 9.5 8.6 13.0  
92 126.9 95.7 143.5



#54  
2,4-Dinitrophenol  
Concen: 5.620 ng  
RT: 14.648 min Scan# 1933  
Delta R.T. -0.005 min  
Lab File: BG062668.D  
Acq: 5 Sep 2024 15:50

Tgt Ion:184 Resp: 6649  
Ion Ratio Lower Upper  
184 100  
63 55.7 49.0 73.4  
154 62.2 50.5 75.7





#55

Dibenzenofuran

Concen: 8.996 ng

RT: 14.942 min Scan# 1984

Delta R.T. -0.005 min

Lab File: BG062668.D

Acq: 5 Sep 2024 15:50

Instrument :

BNA\_G

ClientSampleId :

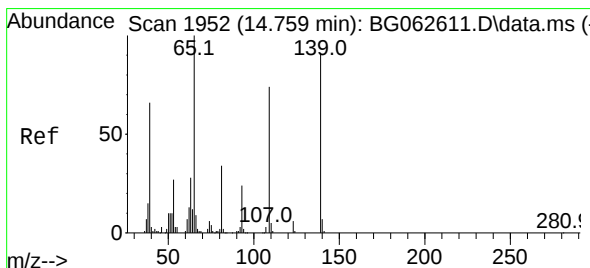
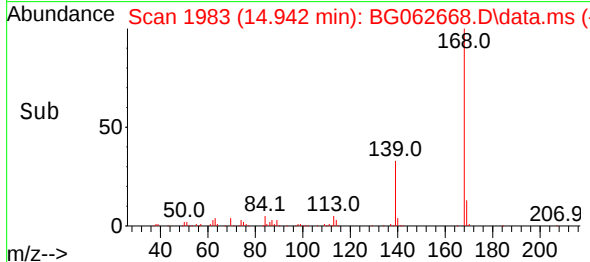
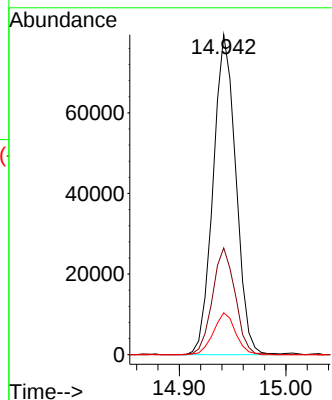
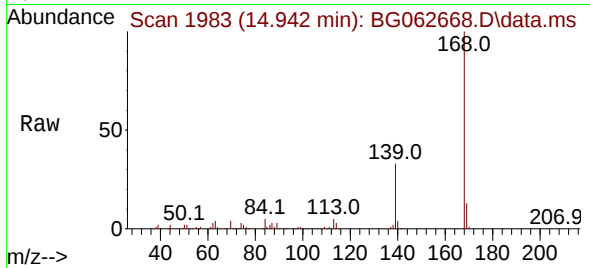
Tgt Ion:168 Resp: 117702

Ion Ratio Lower Upper

168 100

139 33.4 28.6 42.8

169 13.1 11.0 16.6



#56

4-Nitrophenol

Concen: 8.482 ng

RT: 14.748 min Scan# 1950

Delta R.T. -0.011 min

Lab File: BG062668.D

Acq: 5 Sep 2024 15:50

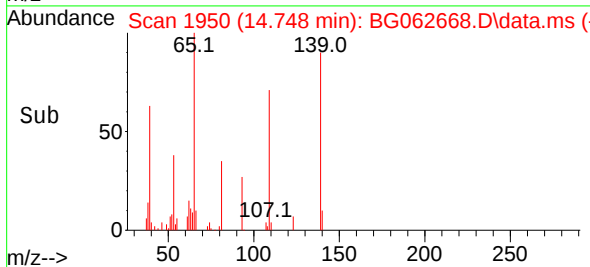
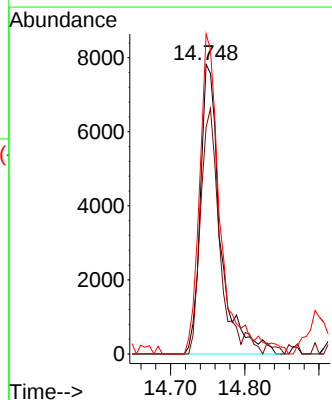
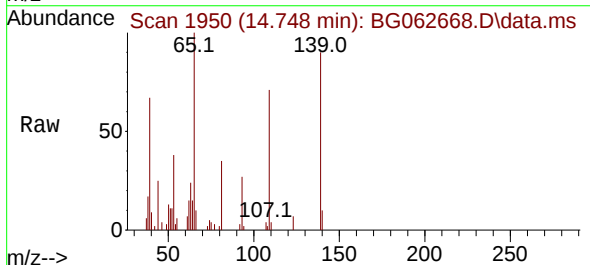
Tgt Ion:139 Resp: 14664

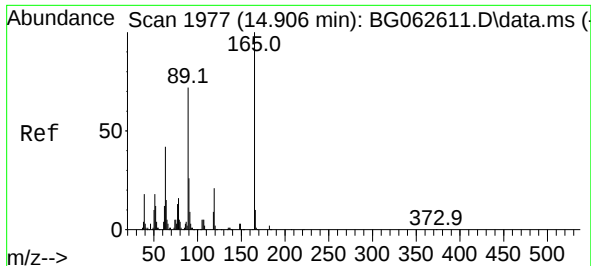
Ion Ratio Lower Upper

139 100

109 78.2 61.2 101.2

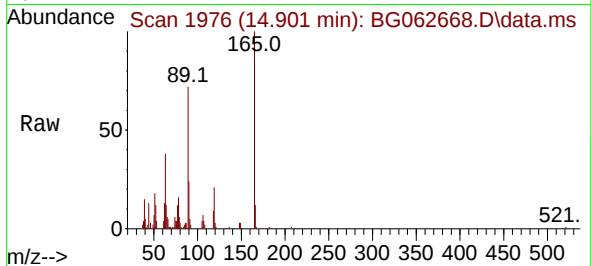
65 110.5 90.2 130.2



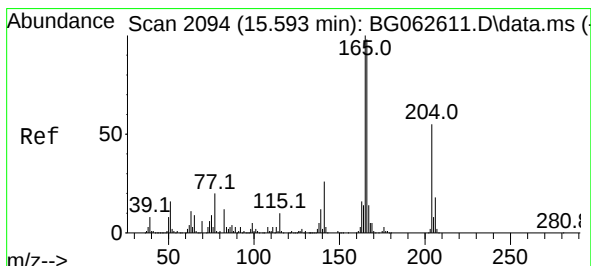
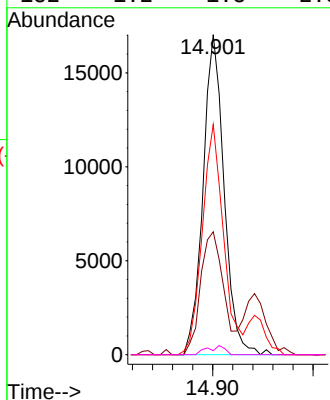
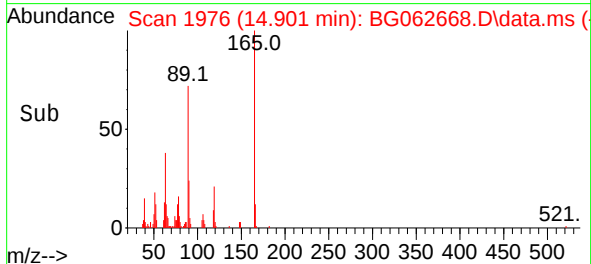


#57  
2,4-Dinitrotoluene  
Concen: 8.657 ng  
RT: 14.901 min Scan# 1976  
Delta R.T. -0.005 min  
Lab File: BG062668.D  
Acq: 5 Sep 2024 15:50

Instrument :  
BNA\_G  
ClientSampleId :

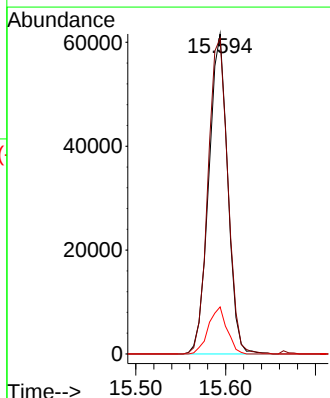
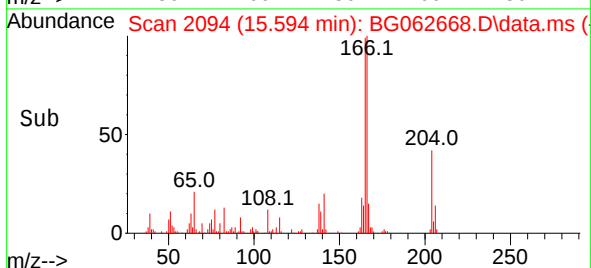
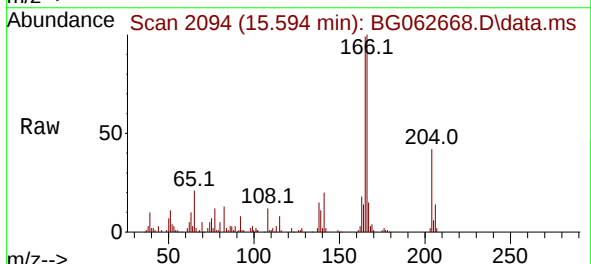


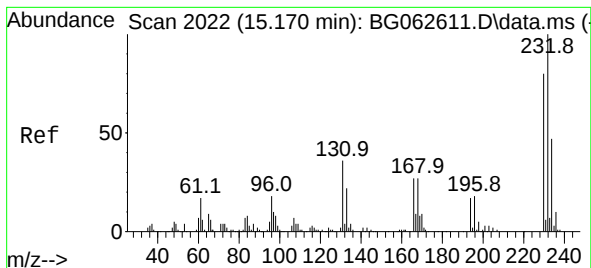
Tgt Ion:165 Resp: 24901  
Ion Ratio Lower Upper  
165 100  
63 38.4 33.8 50.6  
89 71.9 57.9 86.9  
182 1.2 1.8 2.8#



#58  
Fluorene  
Concen: 8.773 ng  
RT: 15.594 min Scan# 2094  
Delta R.T. 0.000 min  
Lab File: BG062668.D  
Acq: 5 Sep 2024 15:50

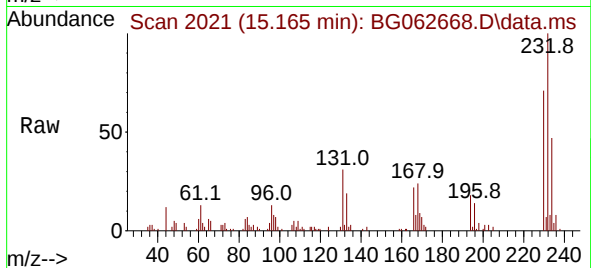
Tgt Ion:166 Resp: 90089  
Ion Ratio Lower Upper  
166 100  
165 98.7 82.0 123.0  
167 14.7 11.3 16.9



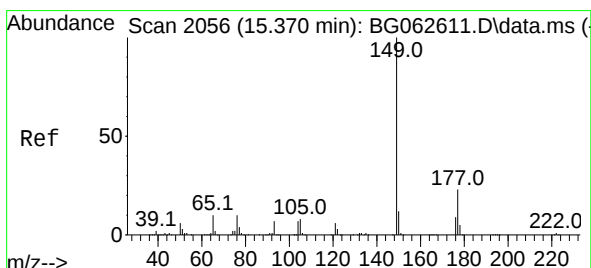
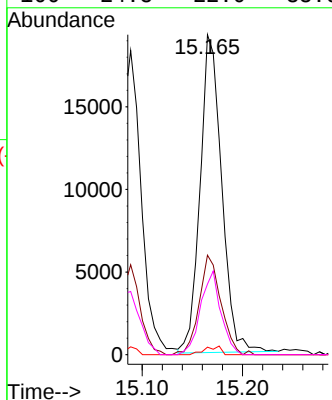
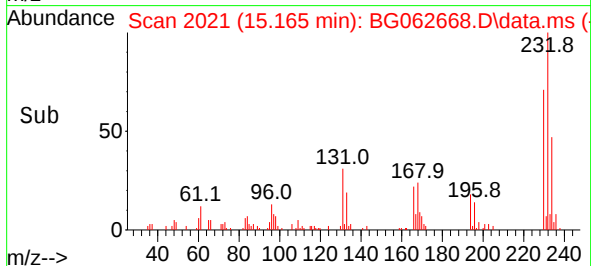


#59  
2,3,4,6-Tetrachlorophenol  
Concen: 9.240 ng  
RT: 15.165 min Scan# 2021  
Delta R.T. -0.005 min  
Lab File: BG062668.D  
Acq: 5 Sep 2024 15:50

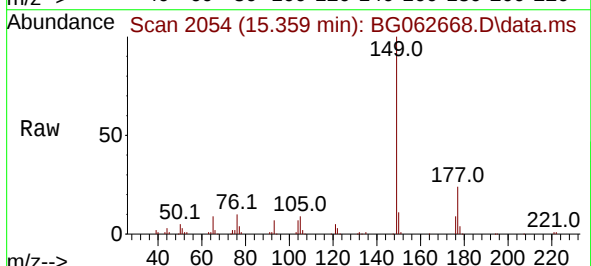
Instrument :  
BNA\_G  
ClientSampleId :



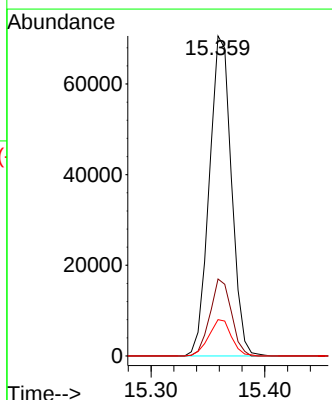
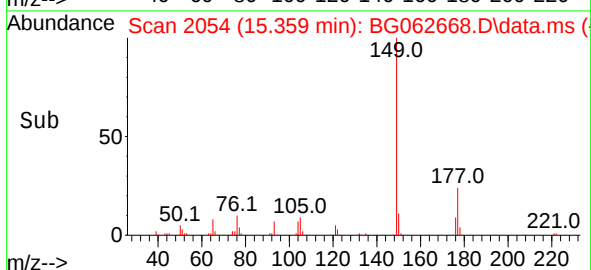
Tgt Ion:232 Resp: 28806  
Ion Ratio Lower Upper  
232 100  
131 31.6 28.3 42.5  
130 2.0 1.7 2.5  
166 24.8 22.0 33.0

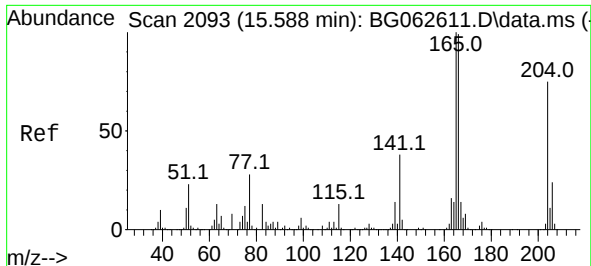


#60  
Diethylphthalate  
Concen: 8.640 ng  
RT: 15.359 min Scan# 2054  
Delta R.T. -0.011 min  
Lab File: BG062668.D  
Acq: 5 Sep 2024 15:50



Tgt Ion:149 Resp: 95449  
Ion Ratio Lower Upper  
149 100  
177 24.0 18.0 27.0  
150 11.3 9.8 14.8

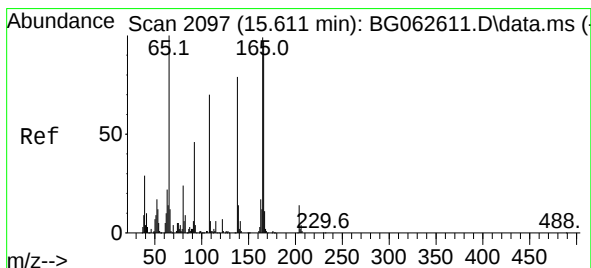
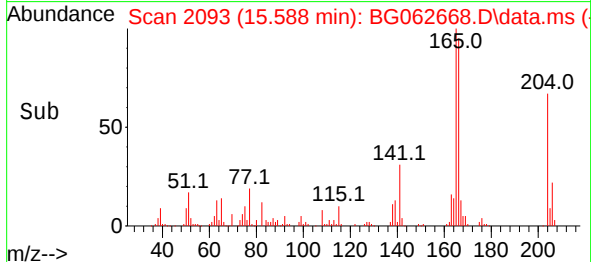
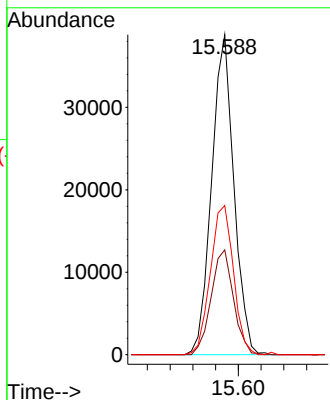
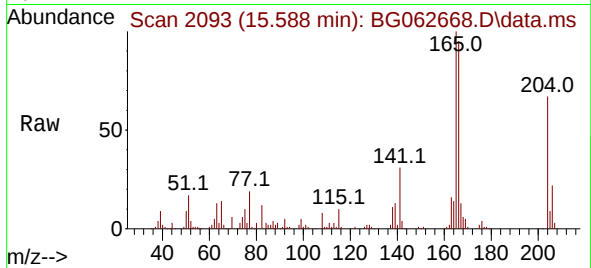




#61  
4-Chlorophenyl-phenylether  
Concen: 8.937 ng  
RT: 15.588 min Scan# 2093  
Delta R.T. 0.000 min  
Lab File: BG062668.D  
Acq: 5 Sep 2024 15:50

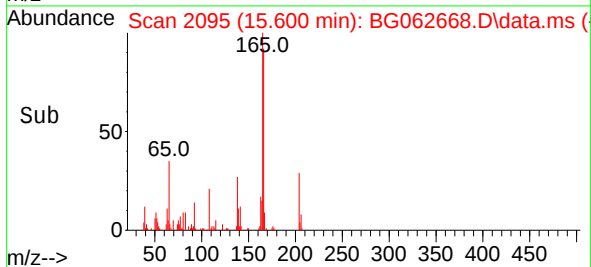
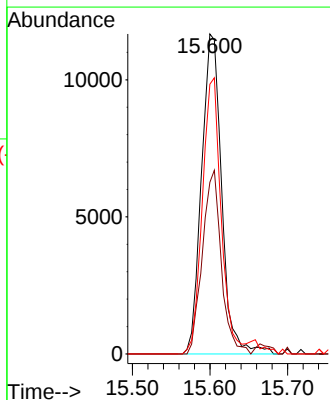
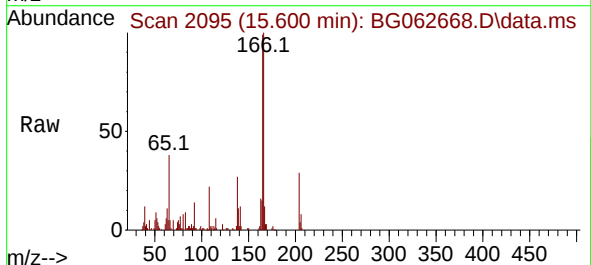
Instrument :  
BNA\_G  
ClientSampleId :

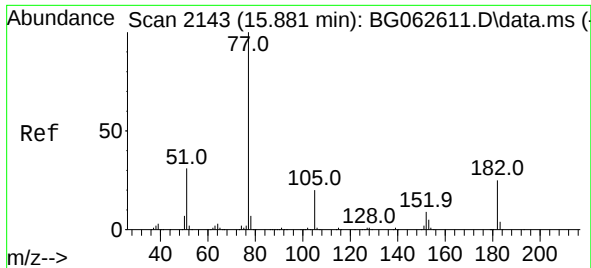
Tgt Ion:204 Resp: 52685  
Ion Ratio Lower Upper  
204 100  
206 32.7 25.9 38.9  
141 46.6 41.0 61.6



#62  
4-Nitroaniline  
Concen: 9.363 ng  
RT: 15.600 min Scan# 2095  
Delta R.T. -0.011 min  
Lab File: BG062668.D  
Acq: 5 Sep 2024 15:50

Tgt Ion:138 Resp: 21060  
Ion Ratio Lower Upper  
138 100  
92 53.6 38.4 78.4  
108 84.3 69.0 109.0

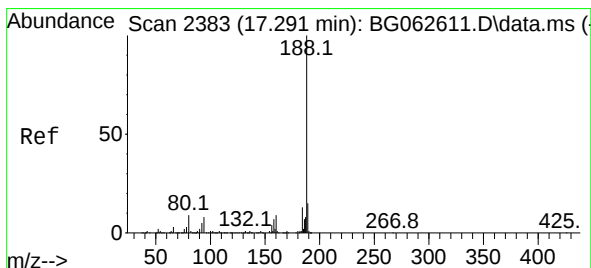
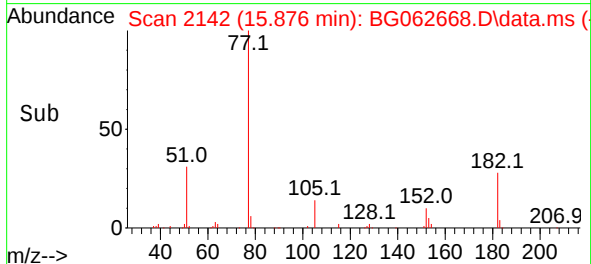
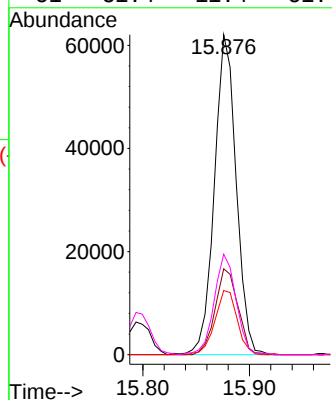
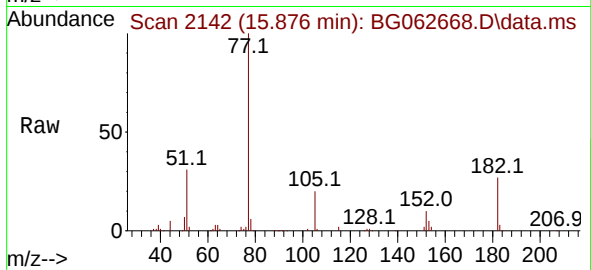




#63  
 Azobenzene  
 Concen: 8.475 ng  
 RT: 15.876 min Scan# 2142  
 Delta R.T. -0.005 min  
 Lab File: BG062668.D  
 Acq: 5 Sep 2024 15:50

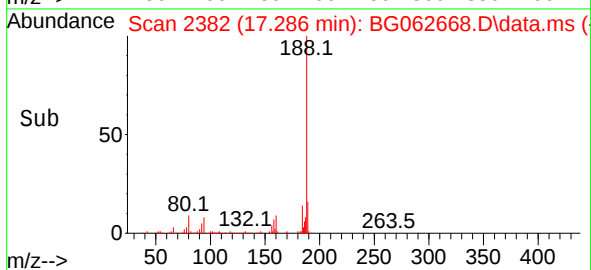
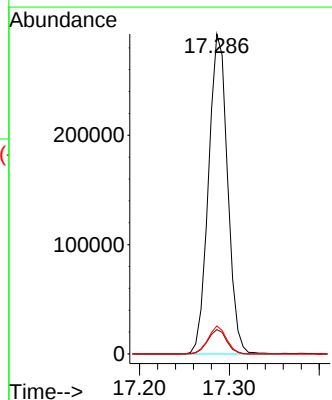
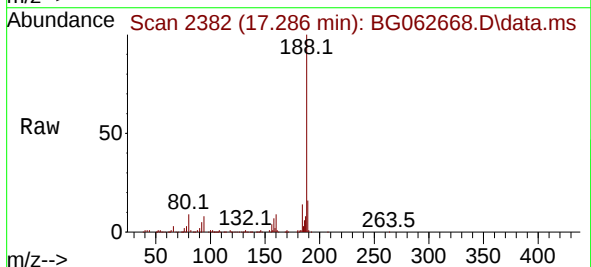
Instrument :  
 BNA\_G  
 ClientSampleId :

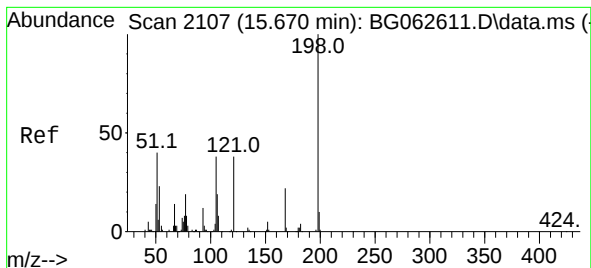
Tgt Ion: 77 Resp: 87907  
 Ion Ratio Lower Upper  
 77 100  
 182 26.9 5.0 45.0  
 105 20.1 0.5 40.5  
 51 31.4 11.4 51.4



#64  
 Phenanthrene-d10  
 Concen: 20.000 ng  
 RT: 17.286 min Scan# 2382  
 Delta R.T. -0.005 min  
 Lab File: BG062668.D  
 Acq: 5 Sep 2024 15:50

Tgt Ion:188 Resp: 431067  
 Ion Ratio Lower Upper  
 188 100  
 94 7.6 6.3 9.5  
 80 8.7 7.0 10.4

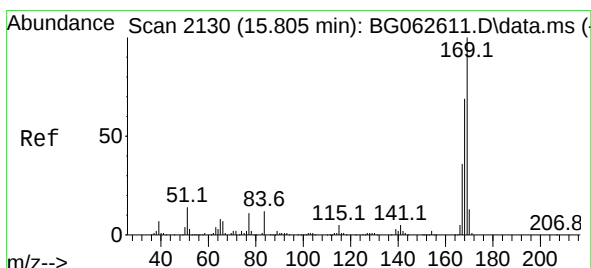
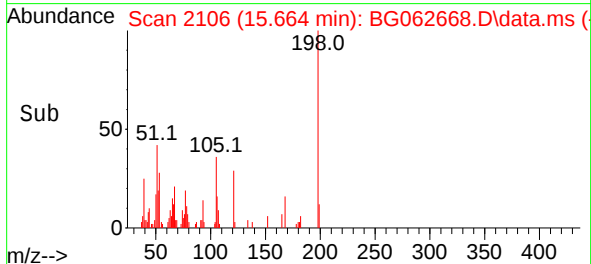
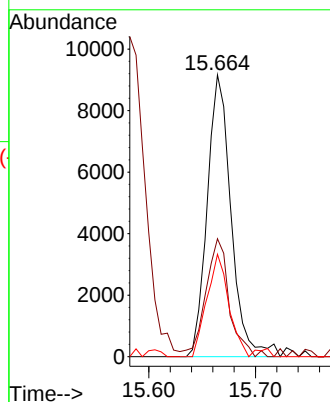
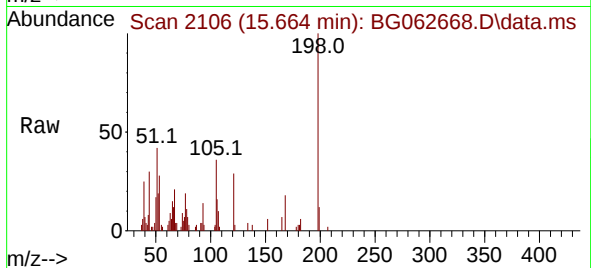




#65  
4,6-Dinitro-2-methylphenol  
Concen: 7.400 ng  
RT: 15.664 min Scan# 2106  
Delta R.T. -0.006 min  
Lab File: BG062668.D  
Acq: 5 Sep 2024 15:50

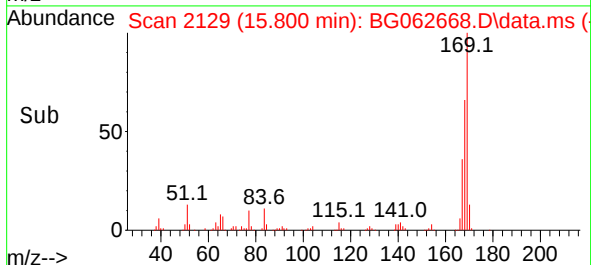
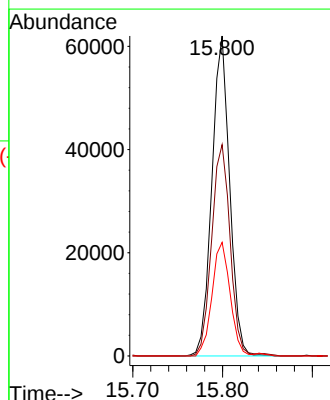
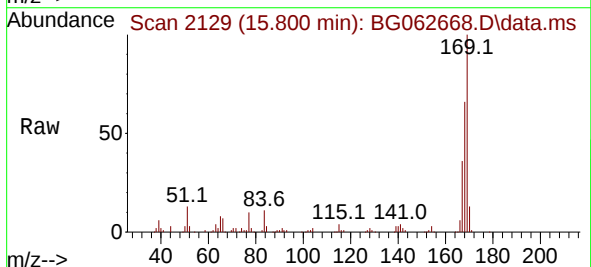
Instrument :  
BNA\_G  
ClientSampleId :

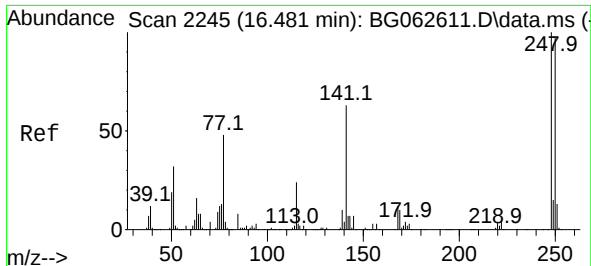
Tgt Ion:198 Resp: 14236  
Ion Ratio Lower Upper  
198 100  
51 41.8 25.1 65.1  
105 36.4 18.3 58.3



#66  
n-Nitrosodiphenylamine  
Concen: 8.212 ng  
RT: 15.800 min Scan# 2129  
Delta R.T. -0.005 min  
Lab File: BG062668.D  
Acq: 5 Sep 2024 15:50

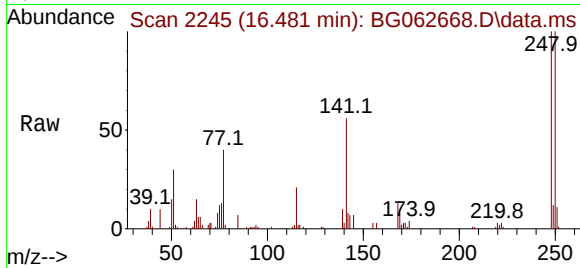
Tgt Ion:169 Resp: 85108  
Ion Ratio Lower Upper  
169 100  
168 66.0 55.4 83.2  
167 35.5 29.0 43.6



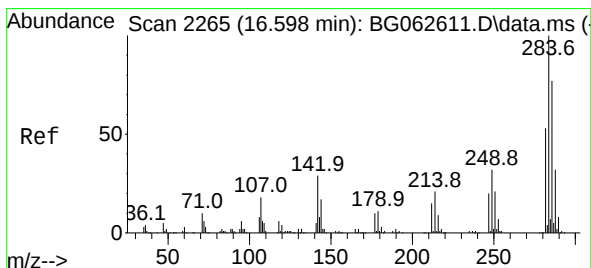
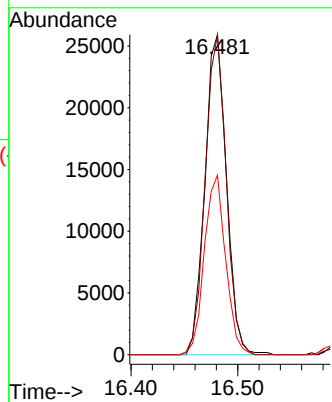
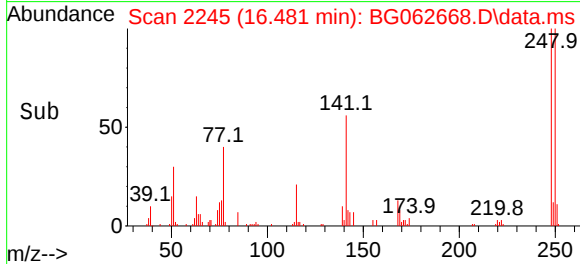


#67  
4-Bromophenyl-phenylether  
Concen: 8.199 ng  
RT: 16.481 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: BG062668.D  
Acq: 5 Sep 2024 15:50

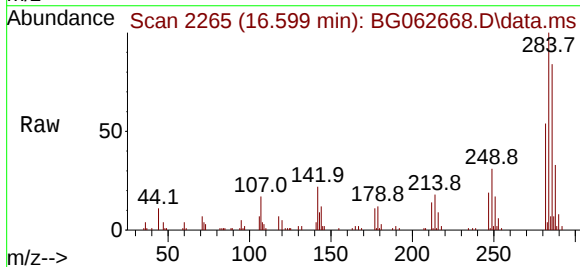
Instrument :  
BNA\_G  
ClientSampleId :



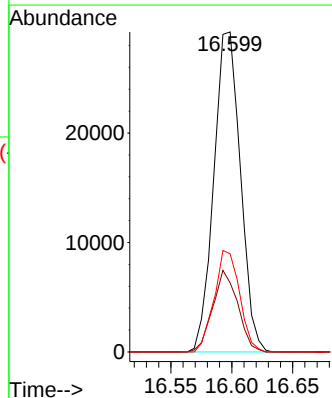
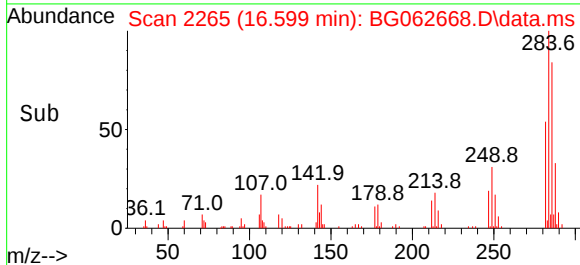
Tgt Ion:248 Resp: 36475  
Ion Ratio Lower Upper  
248 100  
250 100.0 77.9 116.9  
141 56.1 50.2 75.2

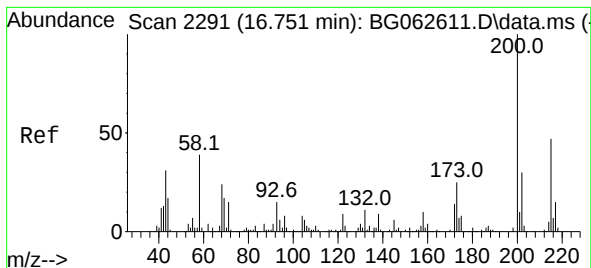


#68  
Hexachlorobenzene  
Concen: 8.426 ng  
RT: 16.599 min Scan# 2265  
Delta R.T. 0.000 min  
Lab File: BG062668.D  
Acq: 5 Sep 2024 15:50



Tgt Ion:284 Resp: 44394  
Ion Ratio Lower Upper  
284 100  
142 21.6 23.5 35.3#  
249 30.7 25.4 38.0





#69

Atrazine

Concen: 11.653 ng

RT: 16.745 min Scan# 21

Delta R.T. -0.006 min

Lab File: BG062668.D

Acq: 5 Sep 2024 15:50

Instrument :

BNA\_G

ClientSampleId :

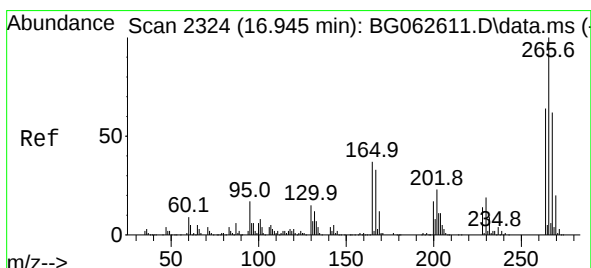
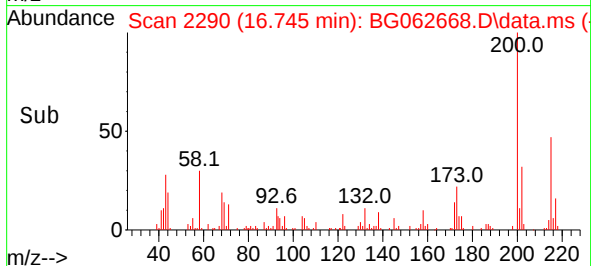
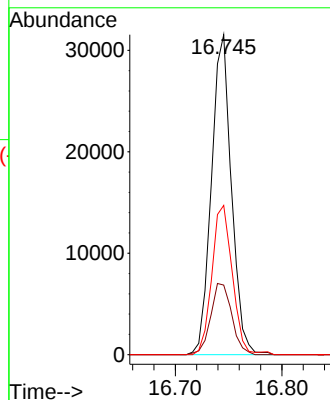
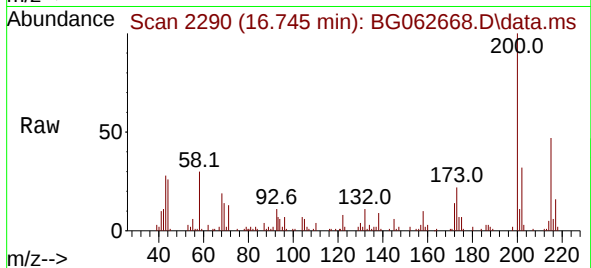
Tgt Ion:200 Resp: 41019

Ion Ratio Lower Upper

200 100

173 21.8 5.2 45.2

215 46.7 27.3 67.3



#70

Pentachlorophenol

Concen: 6.366 ng

RT: 16.939 min Scan# 2323

Delta R.T. -0.006 min

Lab File: BG062668.D

Acq: 5 Sep 2024 15:50

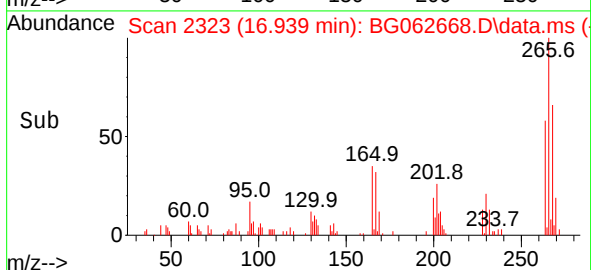
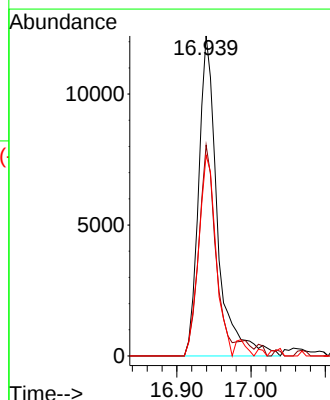
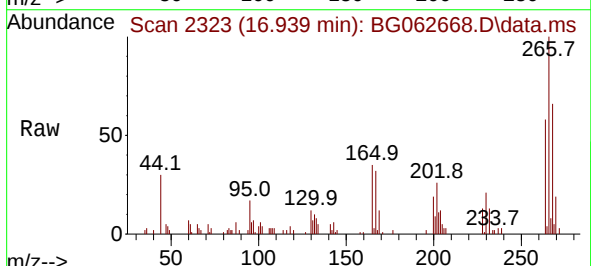
Tgt Ion:266 Resp: 21482

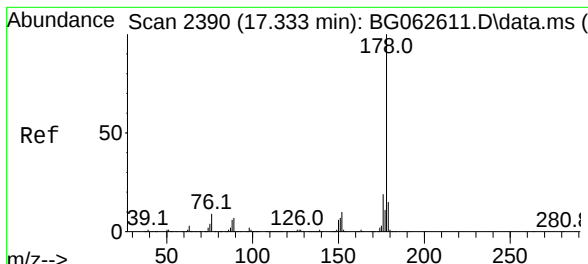
Ion Ratio Lower Upper

266 100

268 70.7 52.6 79.0

264 62.8 51.6 77.4



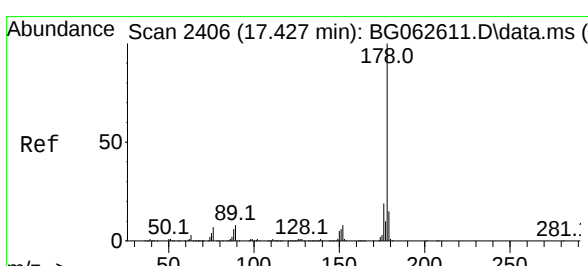
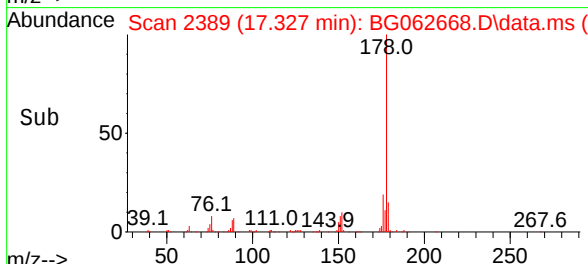
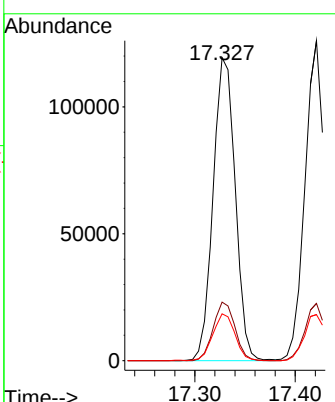
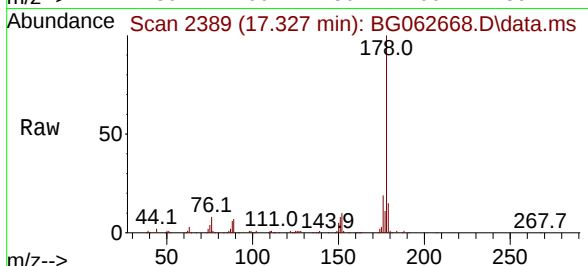


#71  
 Phenanthrene  
 Concen: 9.095 ng  
 RT: 17.327 min Scan# 2389  
 Delta R.T. -0.005 min  
 Lab File: BG062668.D  
 Acq: 5 Sep 2024 15:50

Instrument :  
 BNA\_G  
 ClientSampleId :

Tgt Ion:178 Resp: 182990

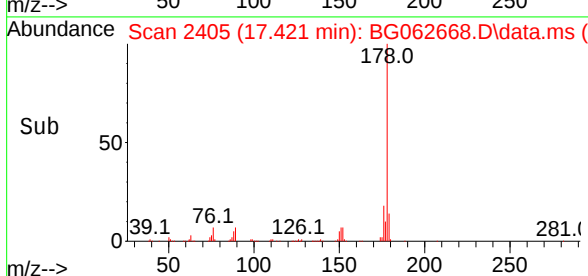
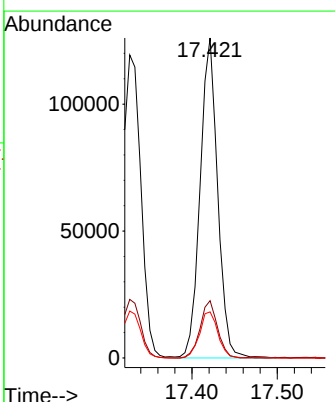
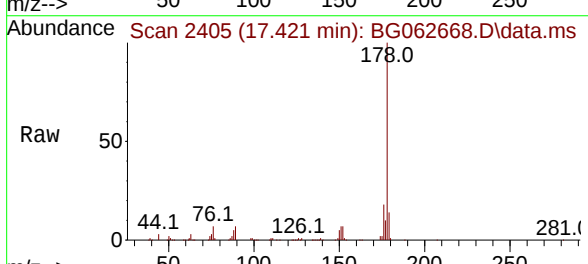
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 178 | 100   |       |       |
| 176 | 19.3  | 15.4  | 23.0  |
| 179 | 15.5  | 12.2  | 18.4  |

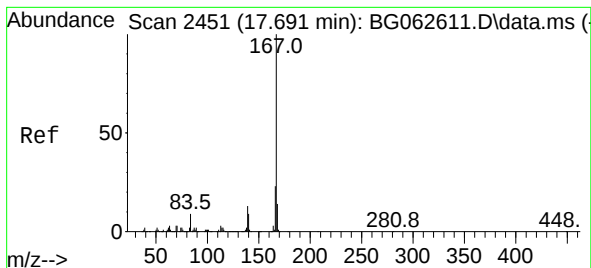


#72  
 Anthracene  
 Concen: 9.093 ng  
 RT: 17.421 min Scan# 2405  
 Delta R.T. -0.005 min  
 Lab File: BG062668.D  
 Acq: 5 Sep 2024 15:50

Tgt Ion:178 Resp: 179879

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 178 | 100   |       |       |
| 176 | 17.9  | 15.2  | 22.8  |
| 179 | 14.4  | 12.0  | 18.0  |





#73

Carbazole

Concen: 9.250 ng

RT: 17.686 min Scan# 2451

Delta R.T. -0.005 min

Lab File: BG062668.D

Acq: 5 Sep 2024 15:50

Instrument :

BNA\_G

ClientSampleId :

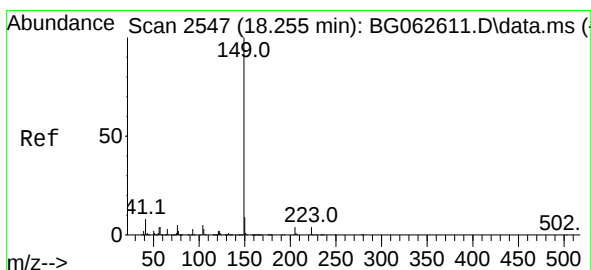
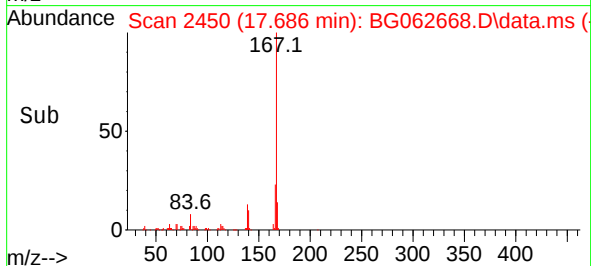
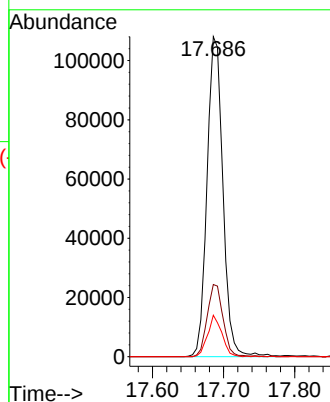
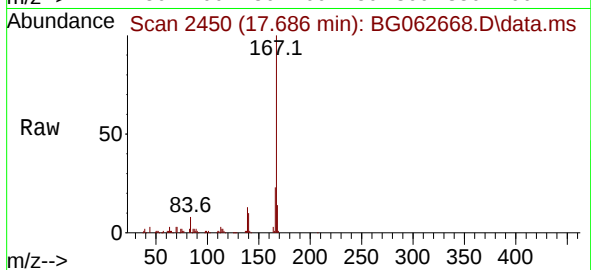
Tgt Ion:167 Resp: 168226

Ion Ratio Lower Upper

167 100

166 22.5 18.2 27.2

139 13.0 10.1 15.1



#74

Di-n-butylphthalate

Concen: 9.118 ng

RT: 18.250 min Scan# 2546

Delta R.T. -0.005 min

Lab File: BG062668.D

Acq: 5 Sep 2024 15:50

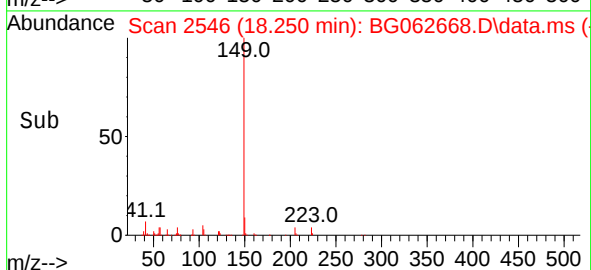
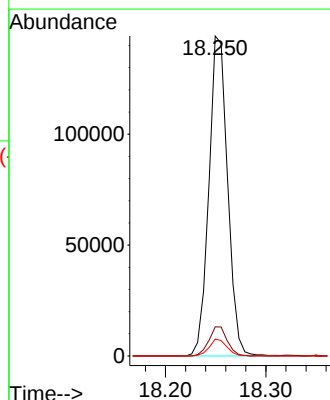
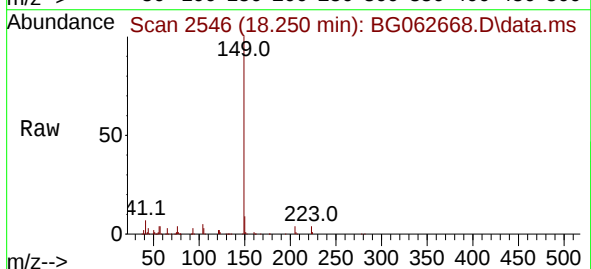
Tgt Ion:149 Resp: 187016

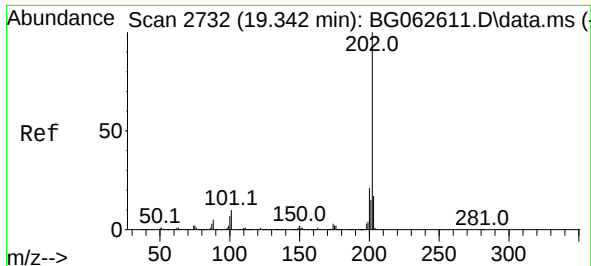
Ion Ratio Lower Upper

149 100

150 9.1 7.3 10.9

104 5.3 4.2 6.2

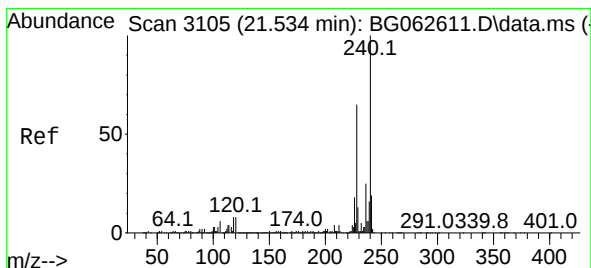
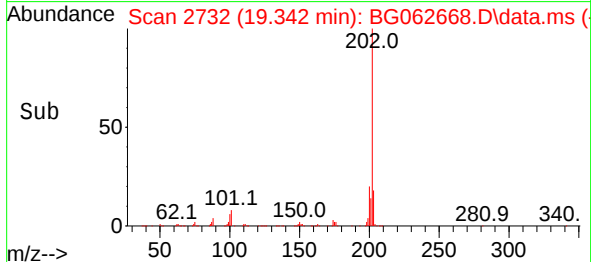
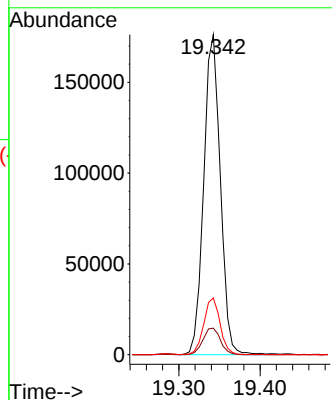
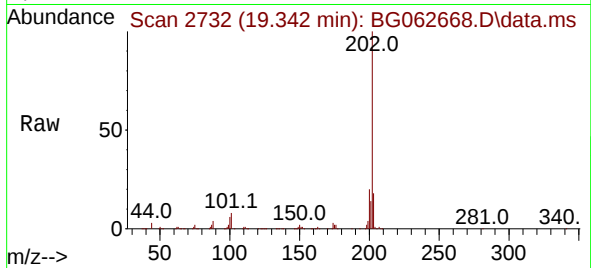




#75  
Fluoranthene  
Concen: 9.829 ng  
RT: 19.342 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: BG062668.D  
Acq: 5 Sep 2024 15:50

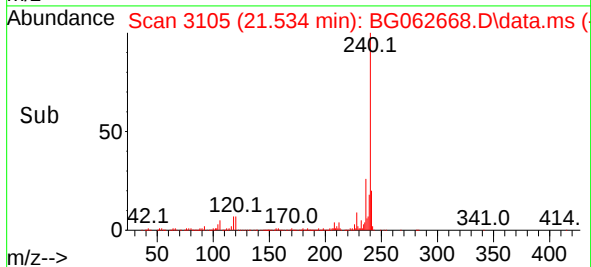
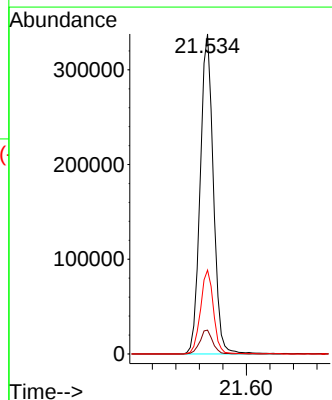
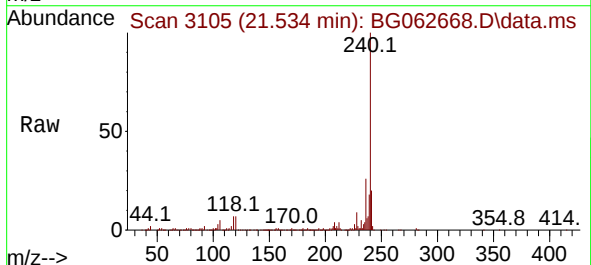
Instrument :  
BNA\_G  
ClientSampleId :

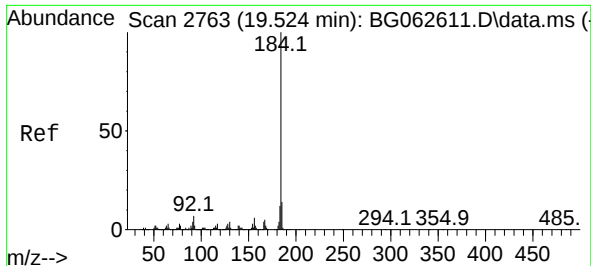
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 101     | 8.3   | 0.0   | 29.6  |
| 203     | 17.8  | 0.0   | 37.4  |



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.534 min Scan# 3105  
Delta R.T. 0.000 min  
Lab File: BG062668.D  
Acq: 5 Sep 2024 15:50

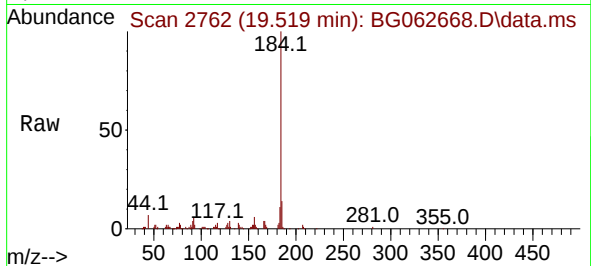
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 240     | 100   |       |       |
| 120     | 7.5   | 6.6   | 9.8   |
| 236     | 26.2  | 20.2  | 30.4  |



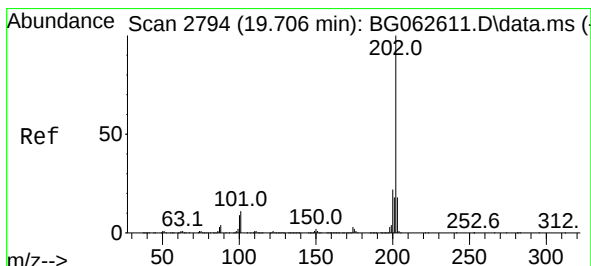
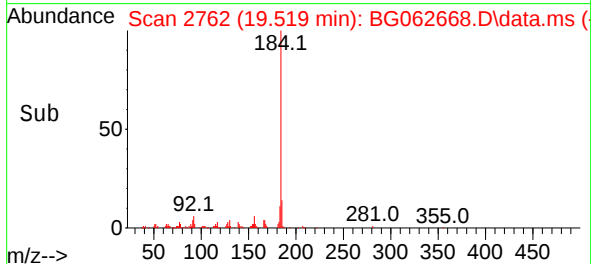
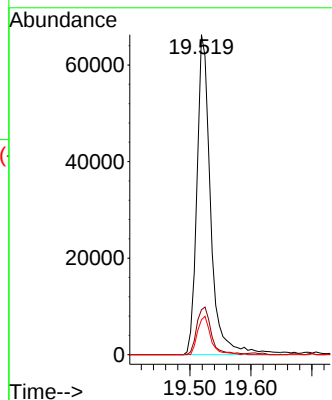


#77  
Benzidine  
Concen: 10.978 ng  
RT: 19.519 min Scan# 21  
Delta R.T. -0.005 min  
Lab File: BG062668.D  
Acq: 5 Sep 2024 15:50

Instrument :  
BNA\_G  
ClientSampleId :

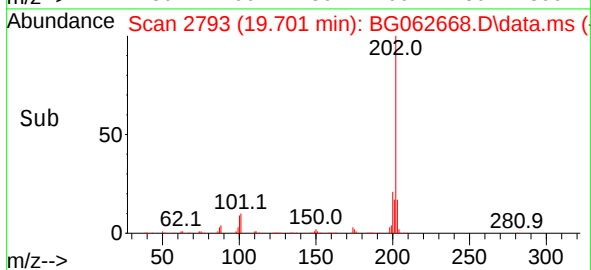
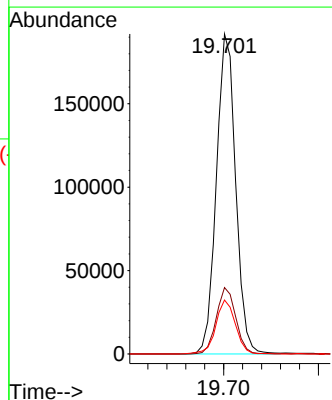
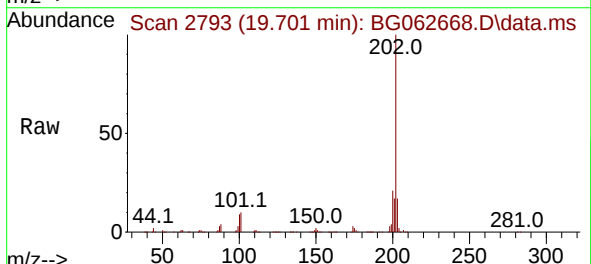


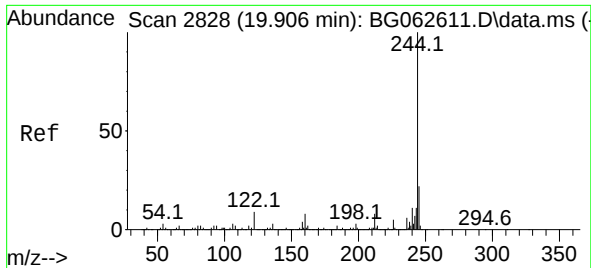
Tgt Ion:184 Resp: 103651  
Ion Ratio Lower Upper  
184 100  
185 14.1 11.0 16.6  
183 10.9 9.7 14.5



#78  
Pyrene  
Concen: 8.138 ng  
RT: 19.701 min Scan# 2793  
Delta R.T. -0.005 min  
Lab File: BG062668.D  
Acq: 5 Sep 2024 15:50

Tgt Ion:202 Resp: 270966  
Ion Ratio Lower Upper  
202 100  
200 20.8 17.4 26.2  
203 16.8 14.1 21.1

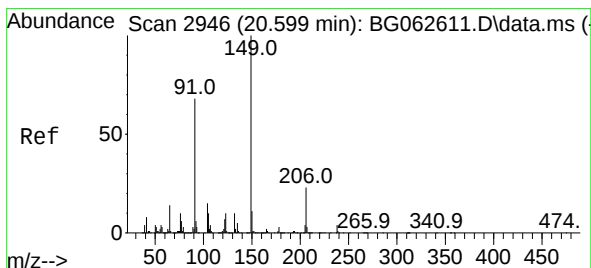
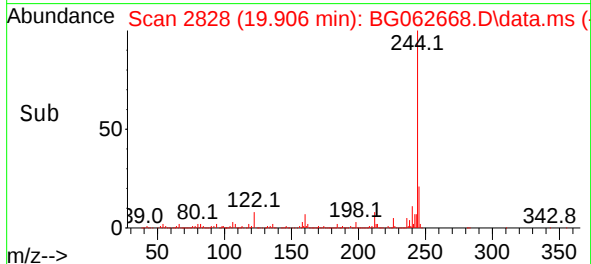
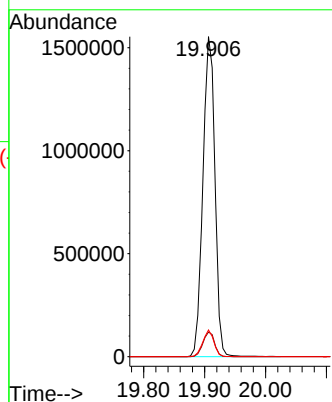
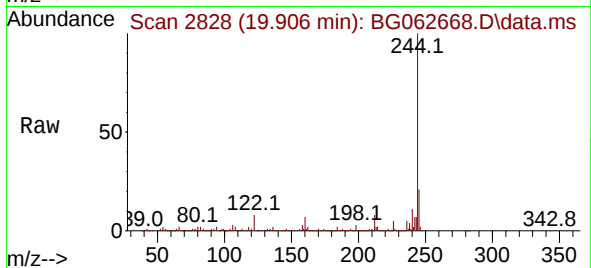




#79  
 Terphenyl-d14  
 Concen: 80.742 ng  
 RT: 19.906 min Scan# 2828  
 Delta R.T. 0.000 min  
 Lab File: BG062668.D  
 Acq: 5 Sep 2024 15:50

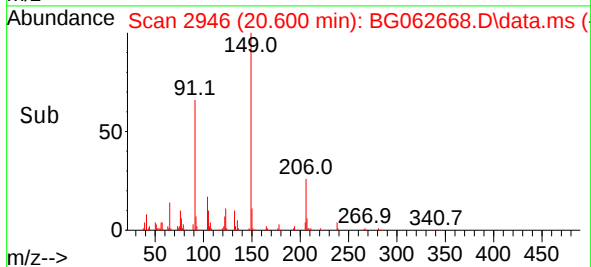
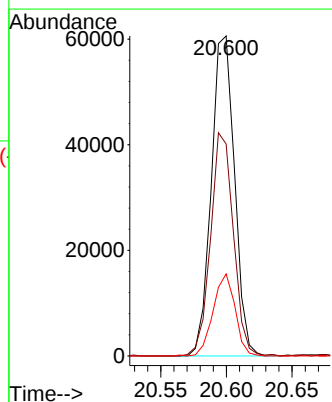
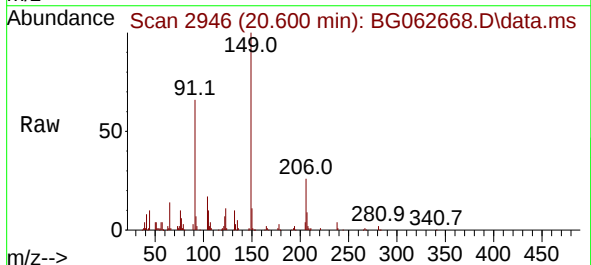
Instrument :  
 BNA\_G  
 ClientSampleId :

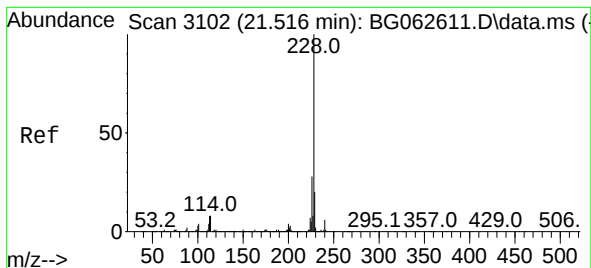
Tgt Ion:244 Resp: 2133088  
 Ion Ratio Lower Upper  
 244 100  
 212 7.7 6.6 10.0  
 122 8.3 7.2 10.8



#80  
 Butylbenzylphthalate  
 Concen: 7.629 ng  
 RT: 20.600 min Scan# 2946  
 Delta R.T. 0.000 min  
 Lab File: BG062668.D  
 Acq: 5 Sep 2024 15:50

Tgt Ion:149 Resp: 74613  
 Ion Ratio Lower Upper  
 149 100  
 91 66.3 54.6 81.8  
 206 25.7 18.4 27.6





#81

Benzo(a)anthracene

Concen: 8.933 ng

RT: 21.510 min Scan# 3102

Delta R.T. -0.005 min

Lab File: BG062668.D

Acq: 5 Sep 2024 15:50

Instrument :

BNA\_G

ClientSampleId :

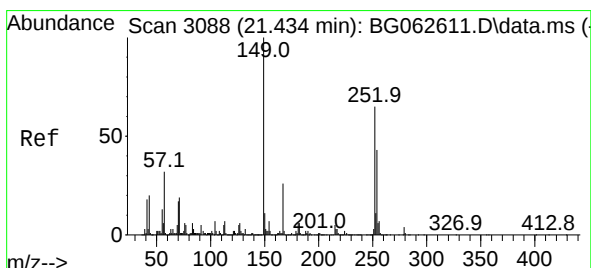
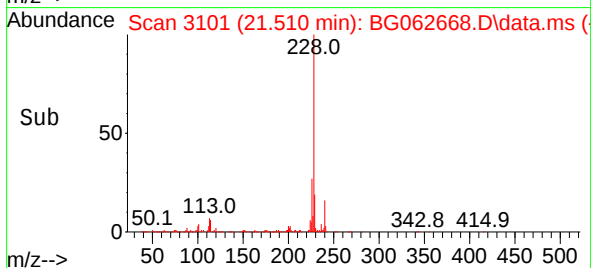
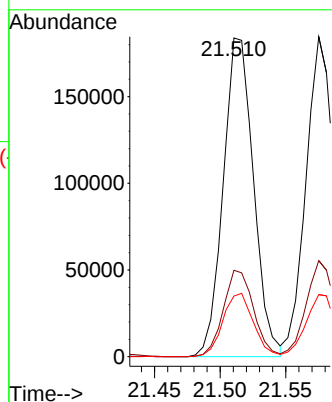
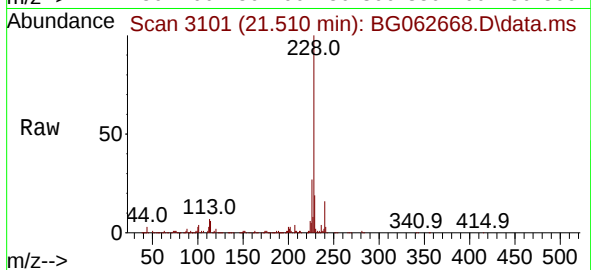
Tgt Ion:228 Resp: 295127

Ion Ratio Lower Upper

228 100

226 27.1 22.3 33.5

229 19.0 16.2 24.2



#82

3,3'-Dichlorobenzidine

Concen: 9.125 ng

RT: 21.434 min Scan# 3088

Delta R.T. 0.000 min

Lab File: BG062668.D

Acq: 5 Sep 2024 15:50

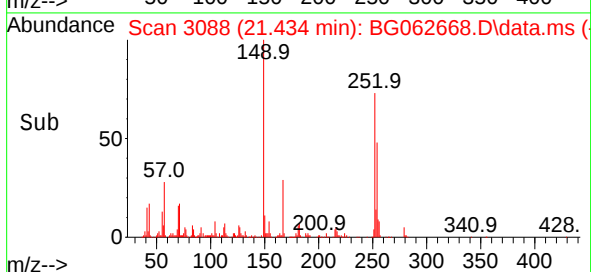
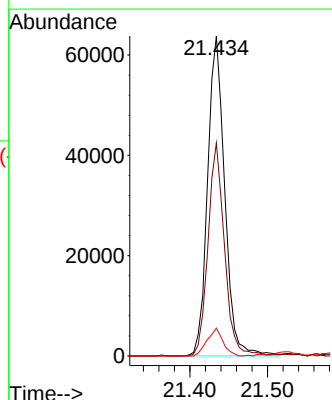
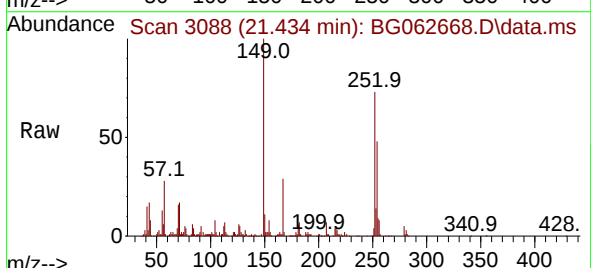
Tgt Ion:252 Resp: 98218

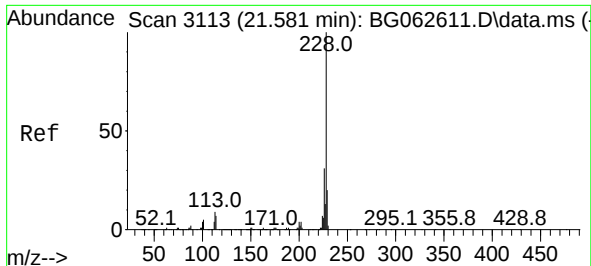
Ion Ratio Lower Upper

252 100

254 66.6 52.2 78.2

126 8.7 6.7 10.1

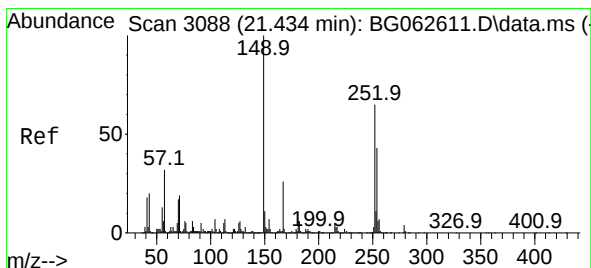
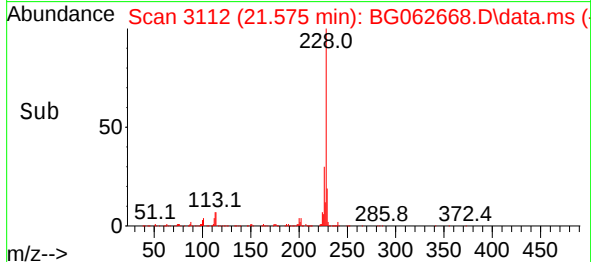
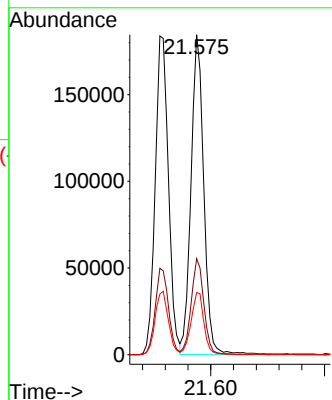
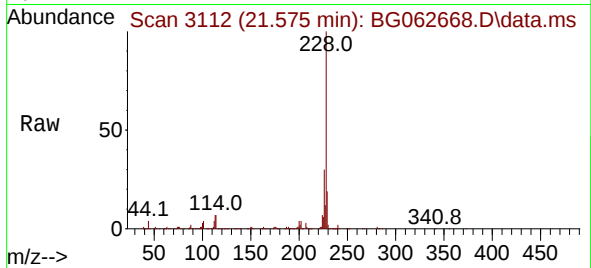




#83  
Chrysene  
Concen: 9.077 ng  
RT: 21.575 min Scan# 3113  
Delta R.T. -0.005 min  
Lab File: BG062668.D  
Acq: 5 Sep 2024 15:50

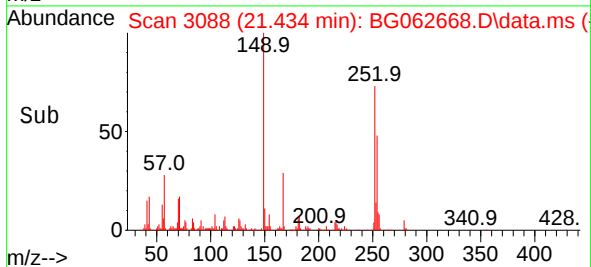
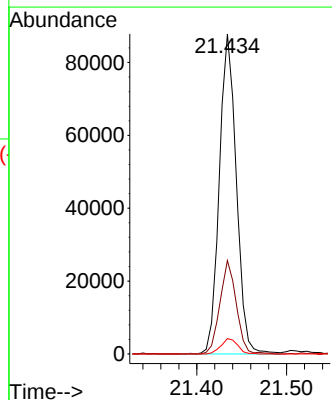
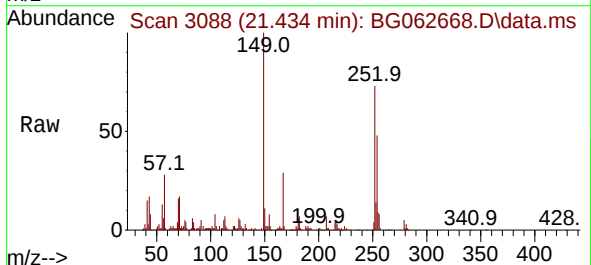
Instrument :  
BNA\_G  
ClientSampleId :

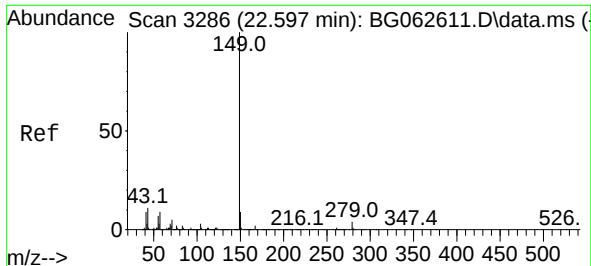
Tgt Ion:228 Resp: 287269  
Ion Ratio Lower Upper  
228 100  
226 30.0 24.9 37.3  
229 19.4 16.0 24.0



#84  
Bis(2-ethylhexyl)phthalate  
Concen: 7.778 ng  
RT: 21.434 min Scan# 3088  
Delta R.T. 0.000 min  
Lab File: BG062668.D  
Acq: 5 Sep 2024 15:50

Tgt Ion:149 Resp: 115569  
Ion Ratio Lower Upper  
149 100  
167 29.2 20.5 30.7  
279 4.8 3.1 4.7#

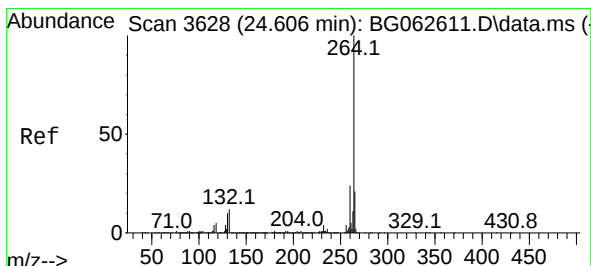
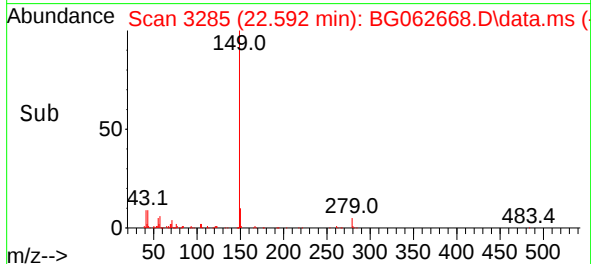
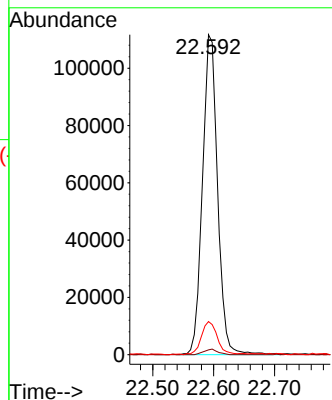
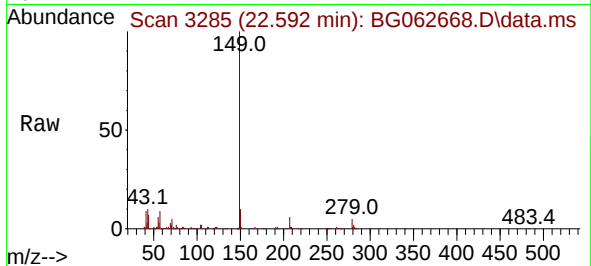




#85  
Di-n-octyl phthalate  
Concen: 7.388 ng  
RT: 22.592 min Scan# 31  
Delta R.T. -0.005 min  
Lab File: BG062668.D  
Acq: 5 Sep 2024 15:50

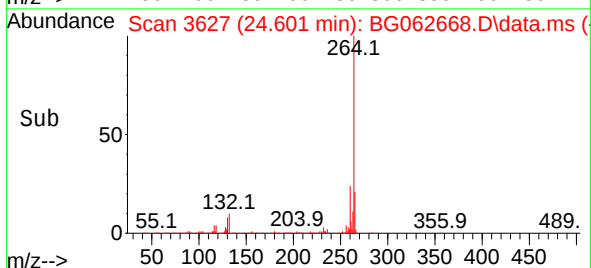
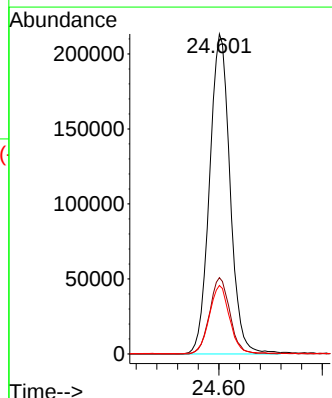
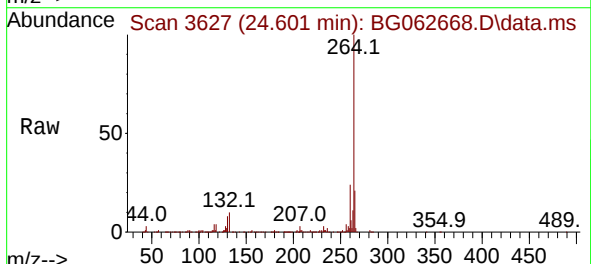
Instrument :  
BNA\_G  
ClientSampleId :

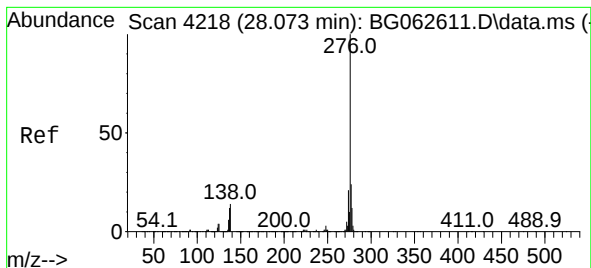
Tgt Ion:149 Resp: 192198  
Ion Ratio Lower Upper  
149 100  
167 1.6 1.4 2.0  
43 11.0 8.8 13.2



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 24.601 min Scan# 3627  
Delta R.T. -0.005 min  
Lab File: BG062668.D  
Acq: 5 Sep 2024 15:50

Tgt Ion:264 Resp: 585980  
Ion Ratio Lower Upper  
264 100  
260 23.9 19.0 28.4  
265 21.4 17.3 25.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 8.836 ng

RT: 28.056 min Scan# 41

Delta R.T. -0.017 min

Lab File: BG062668.D

Acq: 5 Sep 2024 15:50

Instrument :

BNA\_G

ClientSampleId :

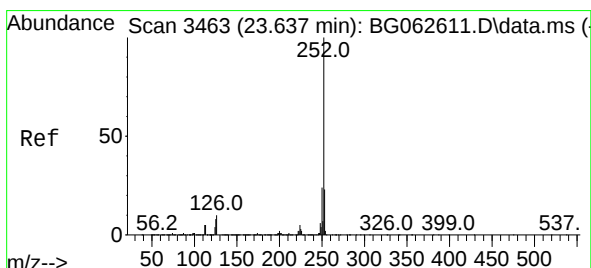
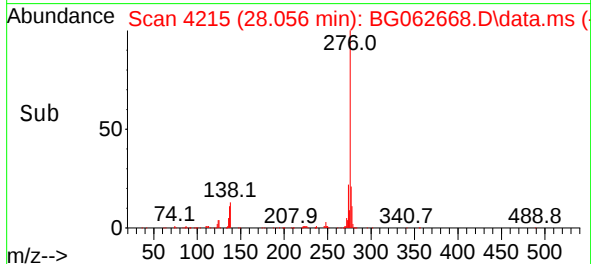
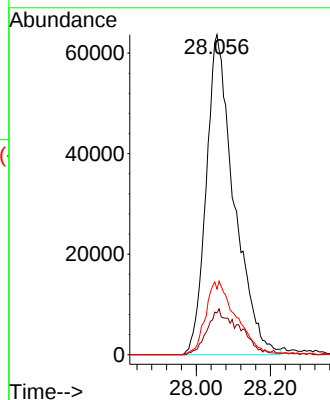
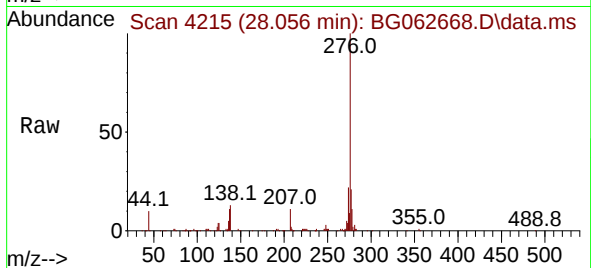
Tgt Ion:276 Resp: 332017

Ion Ratio Lower Upper

276 100

138 16.3 14.9 22.3

277 9.9 20.3 30.5#



#88

Benzo(b)fluoranthene

Concen: 8.412 ng

RT: 23.631 min Scan# 3462

Delta R.T. -0.005 min

Lab File: BG062668.D

Acq: 5 Sep 2024 15:50

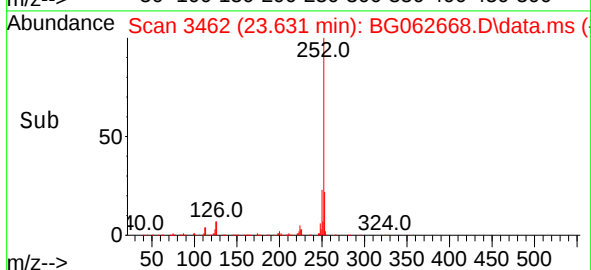
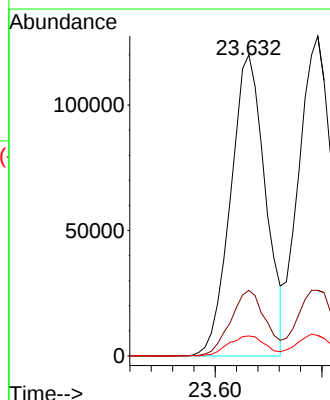
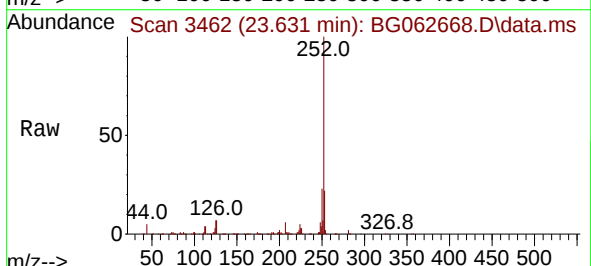
Tgt Ion:252 Resp: 272272

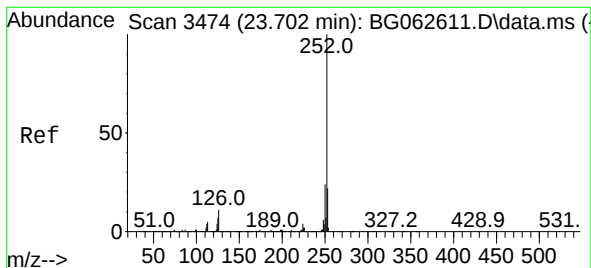
Ion Ratio Lower Upper

252 100

253 21.8 18.2 27.2

125 6.7 6.2 9.2





#89

Benzo(k)fluoranthene

Concen: 9.116 ng

RT: 23.696 min Scan# 34

Delta R.T. -0.005 min

Lab File: BG062668.D

Acq: 5 Sep 2024 15:50

Instrument :

BNA\_G

ClientSampleId :

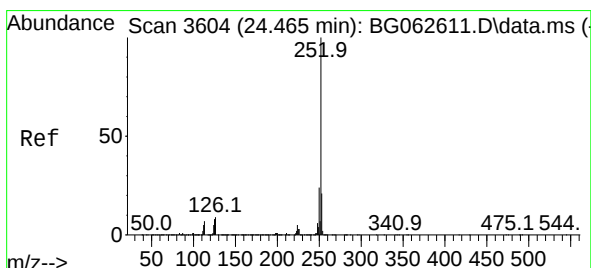
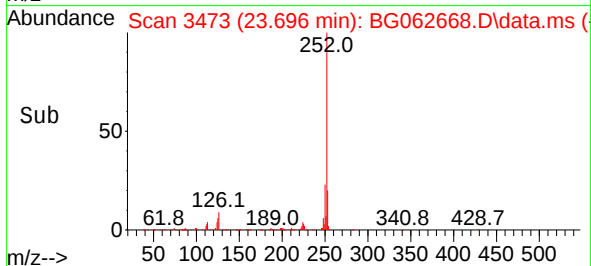
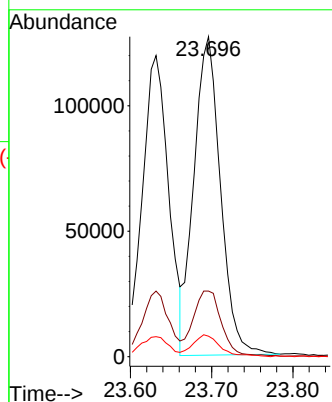
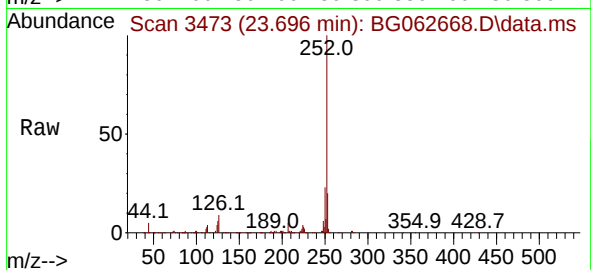
Tgt Ion:252 Resp: 288603

Ion Ratio Lower Upper

252 100

253 20.5 17.8 26.8

125 6.4 6.1 9.1



#90

Benzo(a)pyrene

Concen: 8.871 ng

RT: 24.454 min Scan# 3602

Delta R.T. -0.011 min

Lab File: BG062668.D

Acq: 5 Sep 2024 15:50

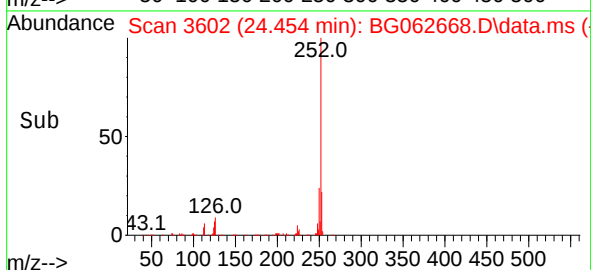
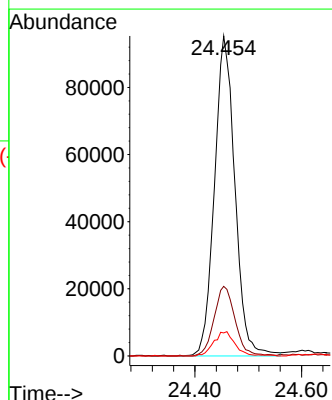
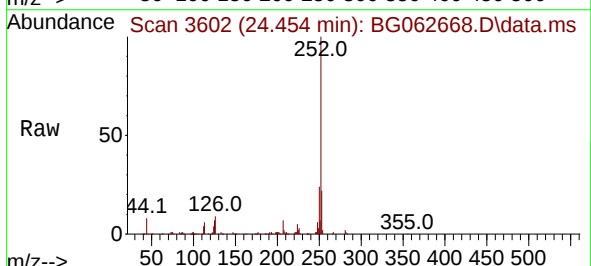
Tgt Ion:252 Resp: 253645

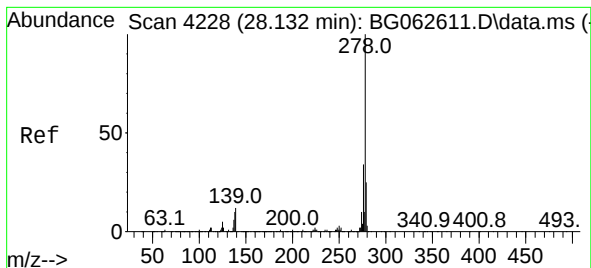
Ion Ratio Lower Upper

252 100

253 21.7 17.1 25.7

125 7.2 6.6 10.0





#91

Dibenzo(a,h)anthracene

Concen: 8.837 ng

RT: 28.114 min Scan# 41

Delta R.T. -0.017 min

Lab File: BG062668.D

Acq: 5 Sep 2024 15:50

Instrument :

BNA\_G

ClientSampleId :

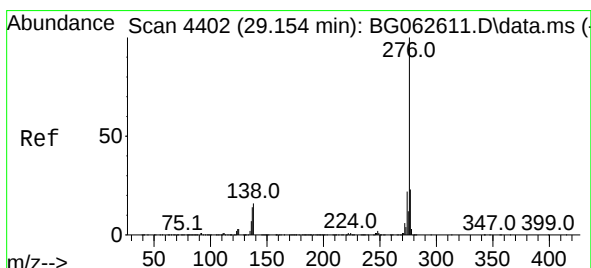
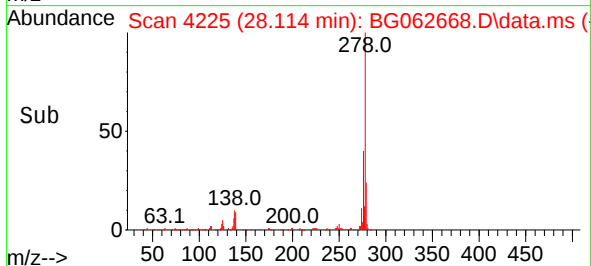
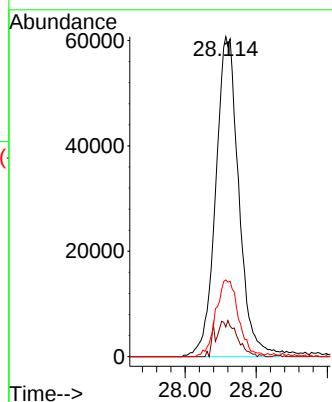
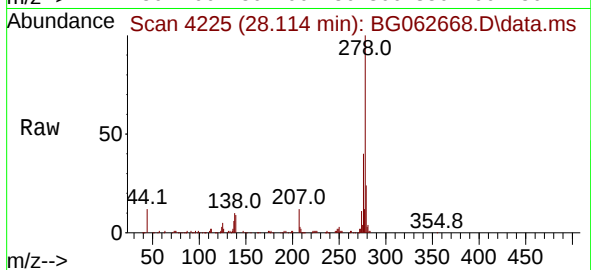
Tgt Ion:278 Resp: 273521

Ion Ratio Lower Upper

278 100

139 9.3 9.2 13.8

279 24.0 19.7 29.5



#92

Benzo(g,h,i)perylene

Concen: 8.284 ng

RT: 29.137 min Scan# 4399

Delta R.T. -0.017 min

Lab File: BG062668.D

Acq: 5 Sep 2024 15:50

Tgt Ion:276 Resp: 258552

Ion Ratio Lower Upper

276 100

277 23.4 18.8 28.2

138 14.9 12.7 19.1

