

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG030325\  
 Data File : BG064037.D  
 Acq On : 3 Mar 2025 14:18  
 Operator : RC/JU  
 Sample : SSTDICC020  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :

Quant Time: Mar 04 07:11:57 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG030325.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Mar 04 07:06:59 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.866  | 152  | 31414    | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.650 | 136  | 142550   | 20.000 | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 14.487 | 164  | 103425   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.225 | 188  | 236935   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 21.455 | 240  | 253594   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 24.475 | 264  | 269578   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.445  | 112  | 74254    | 40.541 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.025  | 99   | 101124   | 39.141 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.011  | 82   | 96577    | 39.377 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 15.968 | 330  | 34120    | 37.111 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.112 | 172  | 281708   | 41.440 | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.846 | 244  | 528065   | 42.266 | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.371  | 88   | 19445    | 21.197 | ng    | 98       |
| 3) Pyridine                   | 3.759  | 79   | 48173    | 22.138 | ng    | 98       |
| 4) n-Nitrosodimethylamine     | 3.670  | 42   | 31735    | 19.988 | ng    | 99       |
| 6) Aniline                    | 7.184  | 93   | 56797    | 20.585 | ng    | 94       |
| 8) 2-Chlorophenol             | 7.425  | 128  | 38797    | 19.914 | ng    | 95       |
| 9) Benzaldehyde               | 7.002  | 77   | 35216    | 22.865 | ng    | 91       |
| 10) Phenol                    | 7.049  | 94   | 52544    | 19.527 | ng    | 98       |
| 11) bis(2-Chloroethyl)ether   | 7.284  | 93   | 46638    | 20.890 | ng    | 97       |
| 12) 1,3-Dichlorobenzene       | 7.754  | 146  | 48316    | 20.832 | ng    | 98       |
| 13) 1,4-Dichlorobenzene       | 7.901  | 146  | 50058    | 20.879 | ng    | 92       |
| 14) 1,2-Dichlorobenzene       | 8.212  | 146  | 46623    | 20.368 | ng    | 88       |
| 15) Benzyl Alcohol            | 8.095  | 79   | 38181    | 18.007 | ng    | 98       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.400  | 45   | 100047   | 19.896 | ng    | 96       |
| 17) 2-Methylphenol            | 8.300  | 107  | 34015    | 18.783 | ng    | 93       |
| 18) Hexachloroethane          | 8.947  | 117  | 15373    | 19.133 | ng    | 90       |
| 19) n-Nitroso-di-n-propyla... | 8.665  | 70   | 40138    | 19.831 | ng    | 98       |
| 20) 3+4-Methylphenols         | 8.623  | 107  | 45130    | 17.368 | ng    | 97       |
| 22) Acetophenone              | 8.676  | 105  | 80359    | 20.428 | ng    | 98       |
| 24) Nitrobenzene              | 9.052  | 77   | 50998    | 19.708 | ng    | 96       |
| 25) Isophorone                | 9.575  | 82   | 105005   | 20.148 | ng    | 99       |
| 26) 2-Nitrophenol             | 9.763  | 139  | 9863     | 21.727 | ng    | 94       |
| 27) 2,4-Dimethylphenol        | 9.828  | 122  | 26499    | 19.126 | ng    | 93       |
| 28) bis(2-Chloroethoxy)met... | 10.063 | 93   | 65757    | 20.521 | ng    | 97       |
| 29) 2,4-Dichlorophenol        | 10.292 | 162  | 32751    | 19.028 | ng    | 93       |
| 30) 1,2,4-Trichlorobenzene    | 10.515 | 180  | 48768    | 20.973 | ng    | 98       |
| 31) Naphthalene               | 10.703 | 128  | 160178   | 20.862 | ng    | 98       |
| 32) Benzoic acid              | 9.922  | 122  | 7574     | 15.478 | ng    | 91       |
| 33) 4-Chloroaniline           | 10.803 | 127  | 57269    | 20.147 | ng    | 98       |
| 34) Hexachlorobutadiene       | 10.997 | 225  | 30707    | 20.313 | ng    | 95       |
| 35) Caprolactam               | 11.555 | 113  | 12877    | 18.577 | ng    | 95       |
| 36) 4-Chloro-3-methylphenol   | 11.925 | 107  | 46938    | 19.264 | ng    | 90       |
| 37) 2-Methylnaphthalene       | 12.313 | 142  | 109729   | 19.806 | ng    | 97       |
| 38) 1-Methylnaphthalene       | 12.531 | 142  | 111235   | 20.110 | ng    | 96       |
| 40) 1,2,4,5-Tetrachloroben... | 12.678 | 216  | 57707    | 20.099 | ng    | 97       |
| 41) Hexachlorocyclopentadiene | 12.666 | 237  | 13281    | 17.326 | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 12.918 | 196  | 26846    | 18.463 | ng    | 90       |

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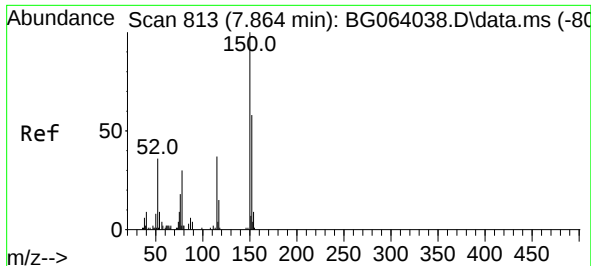
Instrument :  
 BNA\_G  
 ClientSampleId :

Quant Time: Mar 04 07:11:57 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG030325.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Mar 04 07:06:59 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 12.983 | 196  | 31549    | 18.825 | ng    | 92       |
| 46) 1,1'-Biphenyl             | 13.324 | 154  | 160726   | 20.381 | ng    | 99       |
| 47) 2-Chloronaphthalene       | 13.359 | 162  | 115908   | 20.428 | ng    | 99       |
| 48) 2-Nitroaniline            | 13.559 | 65   | 22894    | 19.021 | ng    | 96       |
| 49) Acenaphthylene            | 14.205 | 152  | 182870   | 20.418 | ng    | 98       |
| 50) Dimethylphthalate         | 13.947 | 163  | 133589   | 19.709 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 14.052 | 165  | 22426    | 18.312 | ng    | 100      |
| 52) Acenaphthene              | 14.552 | 154  | 123619   | 20.164 | ng    | 95       |
| 53) 3-Nitroaniline            | 14.381 | 138  | 24755    | 19.005 | ng    | 95       |
| 54) 2,4-Dinitrophenol         | 14.587 | 184  | 6656     | 21.010 | ng    | 91       |
| 55) Dibenzofuran              | 14.887 | 168  | 202552   | 20.665 | ng    | 100      |
| 56) 4-Nitrophenol             | 14.681 | 139  | 17178    | 19.903 | ng    | 90       |
| 57) 2,4-Dinitrotoluene        | 14.840 | 165  | 30713    | 18.746 | ng    | 97       |
| 58) Fluorene                  | 15.533 | 166  | 157777   | 20.871 | ng    | 96       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.110 | 232  | 30401    | 19.171 | ng    | 98       |
| 60) Diethylphthalate          | 15.310 | 149  | 143326   | 19.988 | ng    | 97       |
| 61) 4-Chlorophenyl-phenyle... | 15.533 | 204  | 80509    | 21.069 | ng    | 92       |
| 62) 4-Nitroaniline            | 15.539 | 138  | 30000    | 20.337 | ng    | 95       |
| 63) Azobenzene                | 15.821 | 77   | 186001   | 20.717 | ng    | 98       |
| 65) 4,6-Dinitro-2-methylph... | 15.598 | 198  | 10921    | 20.294 | ng    | 95       |
| 66) n-Nitrosodiphenylamine    | 15.745 | 169  | 133964   | 20.363 | ng    | 97       |
| 67) 4-Bromophenyl-phenylether | 16.426 | 248  | 48555    | 19.964 | ng    | 95       |
| 68) Hexachlorobenzene         | 16.538 | 284  | 55614    | 20.533 | ng    | 97       |
| 69) Atrazine                  | 16.690 | 200  | 33980    | 22.952 | ng    | 90       |
| 70) Pentachlorophenol         | 16.878 | 266  | 22668    | 19.783 | ng    | 95       |
| 71) Phenanthrene              | 17.266 | 178  | 257448   | 20.421 | ng    | 98       |
| 72) Anthracene                | 17.360 | 178  | 255762   | 20.409 | ng    | 98       |
| 73) Carbazole                 | 17.625 | 167  | 238457   | 21.414 | ng    | 99       |
| 74) Di-n-butylphthalate       | 18.200 | 149  | 218435   | 19.459 | ng    | 99       |
| 75) Fluoranthene              | 19.276 | 202  | 319171   | 21.618 | ng    | 99       |
| 77) Benzidine                 | 19.464 | 184  | 48408    | 14.833 | ng    | 97       |
| 78) Pyrene                    | 19.640 | 202  | 334475   | 20.670 | ng    | 99       |
| 80) Butylbenzylphthalate      | 20.545 | 149  | 66266    | 18.136 | ng    | 98       |
| 81) Benzo(a)anthracene        | 21.438 | 228  | 333501   | 20.635 | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine    | 21.361 | 252  | 91509    | 19.656 | ng    | 99       |
| 83) Chrysene                  | 21.502 | 228  | 333572   | 20.604 | ng    | 98       |
| 84) Bis(2-ethylhexyl)phtha... | 21.379 | 149  | 121048   | 19.531 | ng    | # 99     |
| 85) Di-n-octyl phthalate      | 22.525 | 149  | 187547   | 20.007 | ng    | 96       |
| 87) Indeno(1,2,3-cd)pyrene    | 27.860 | 276  | 356521   | 19.898 | ng    | 98       |
| 88) Benzo(b)fluoranthene      | 23.524 | 252  | 329295   | 20.447 | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 23.582 | 252  | 325507   | 19.859 | ng    | 98       |
| 90) Benzo(a)pyrene            | 24.329 | 252  | 288927   | 20.116 | ng    | 95       |
| 91) Dibenzo(a,h)anthracene    | 27.930 | 278  | 300549   | 20.306 | ng    | 98       |
| 92) Benzo(g,h,i)perylene      | 28.906 | 276  | 314674   | 20.417 | ng    | 98       |

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

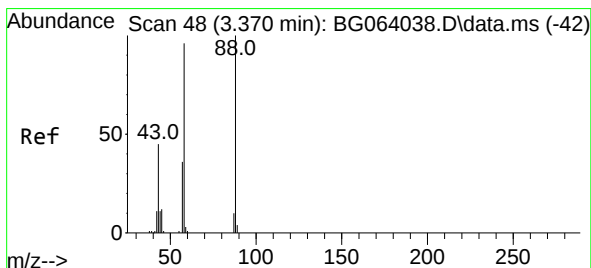
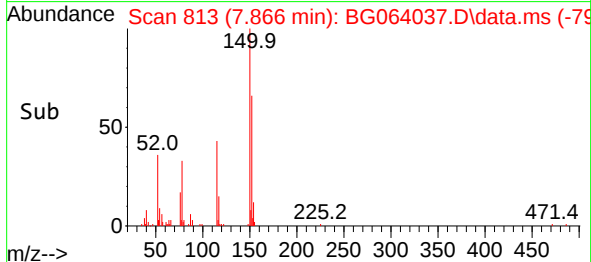
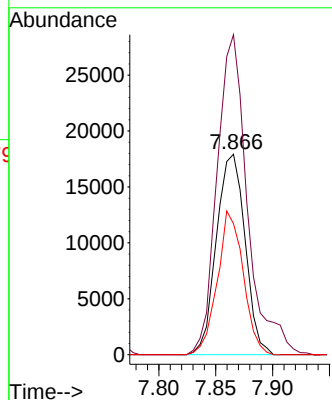
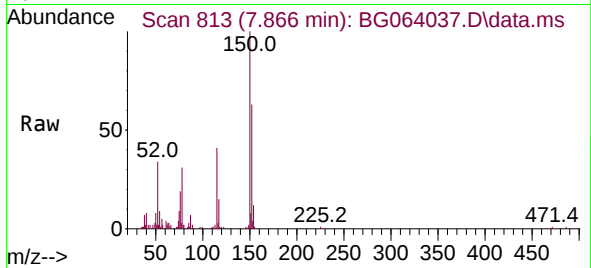




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 7.866 min Scan# 813  
 Delta R.T. 0.002 min  
 Lab File: BG064037.D  
 Acq: 3 Mar 2025 14:18

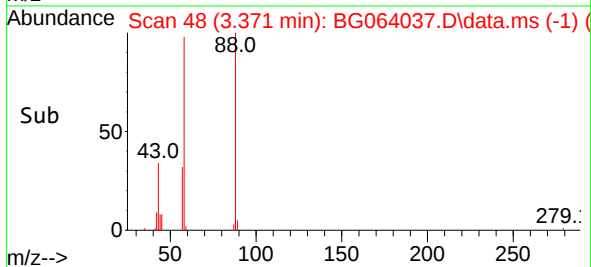
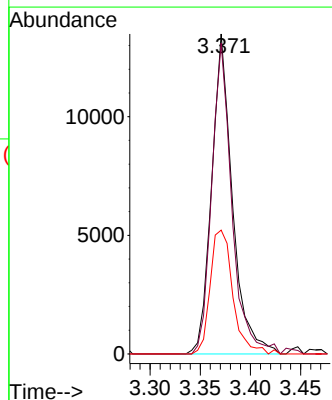
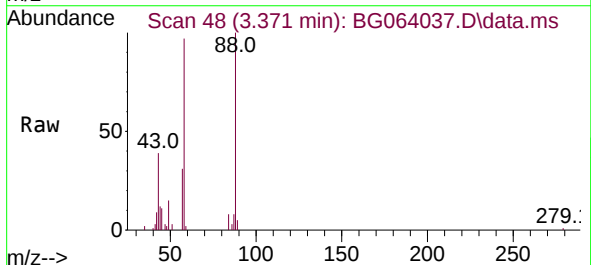
Instrument :  
 BNA\_G  
 ClientSampleId :

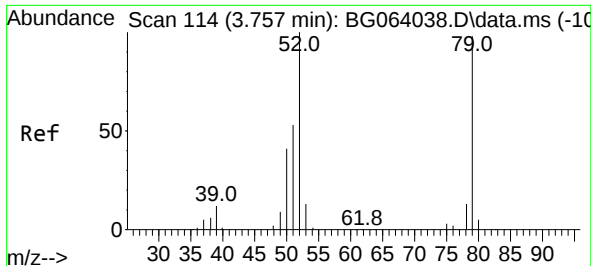
Tgt Ion:152 Resp: 31414  
 Ion Ratio Lower Upper  
 152 100  
 150 159.6 137.7 206.5  
 115 65.4 51.4 77.2



#2  
 1,4-Dioxane  
 Concen: 21.197 ng  
 RT: 3.371 min Scan# 48  
 Delta R.T. 0.001 min  
 Lab File: BG064037.D  
 Acq: 3 Mar 2025 14:18

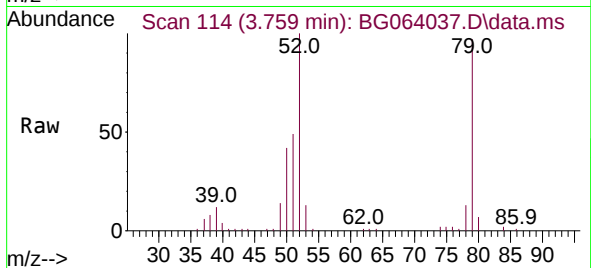
Tgt Ion: 88 Resp: 19445  
 Ion Ratio Lower Upper  
 88 100  
 58 94.1 77.0 115.6  
 43 42.2 34.6 52.0





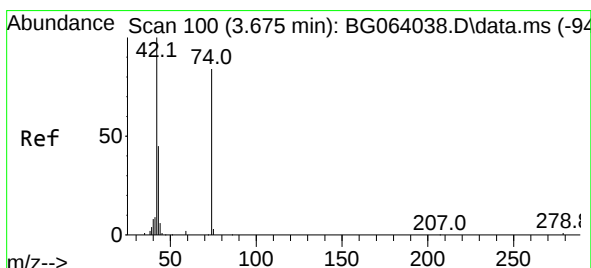
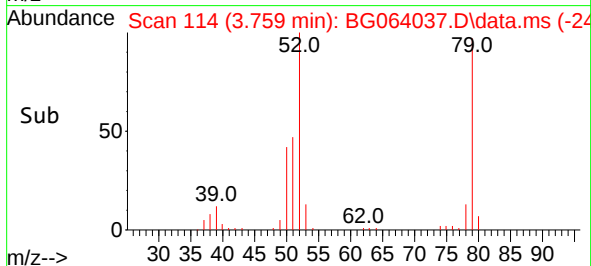
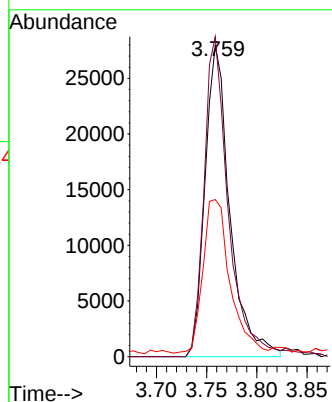
#3  
Pyridine  
Concen: 22.138 ng  
RT: 3.759 min Scan# 114  
Delta R.T. 0.001 min  
Lab File: BG064037.D  
Acq: 3 Mar 2025 14:18

Instrument :  
BNA\_G  
ClientSampleId :



Tgt Ion: 79 Resp: 48173

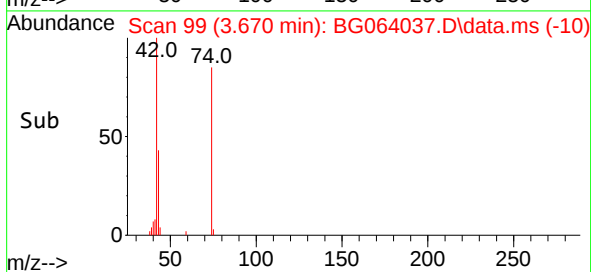
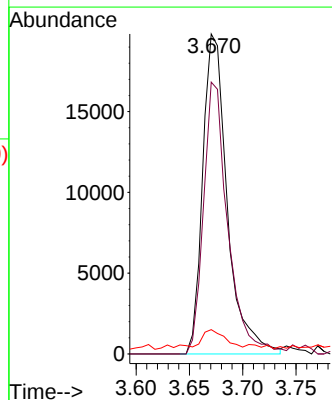
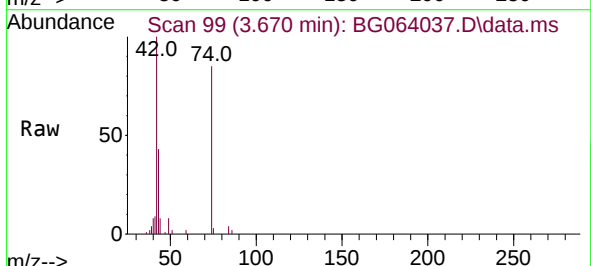
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 79  | 100   |       |       |
| 52  | 102.8 | 82.0  | 123.0 |
| 51  | 50.5  | 44.2  | 66.2  |

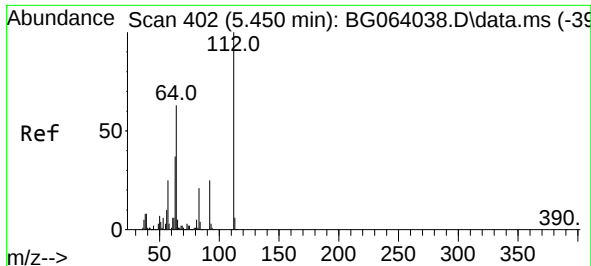


#4  
n-Nitrosodimethylamine  
Concen: 19.988 ng  
RT: 3.670 min Scan# 99  
Delta R.T. -0.005 min  
Lab File: BG064037.D  
Acq: 3 Mar 2025 14:18

Tgt Ion: 42 Resp: 31735

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 42  | 100   |       |       |
| 74  | 84.9  | 67.2  | 100.8 |
| 44  | 7.6   | 5.6   | 8.4   |

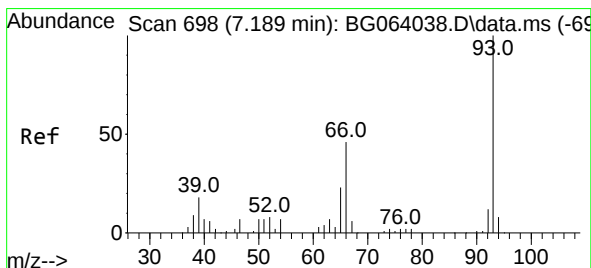
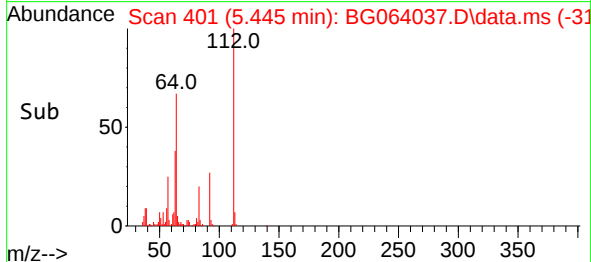
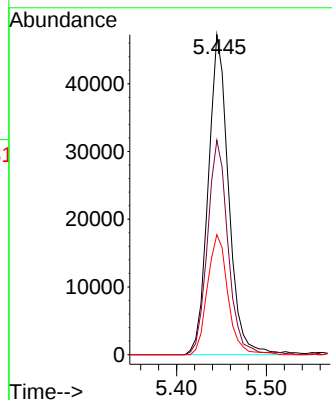
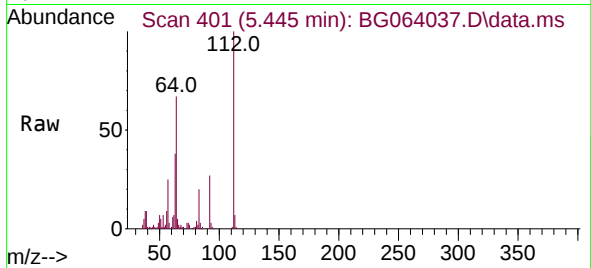




#5  
2-Fluorophenol  
Concen: 40.541 ng  
RT: 5.445 min Scan# 401  
Delta R.T. -0.005 min  
Lab File: BG064037.D  
Acq: 3 Mar 2025 14:18

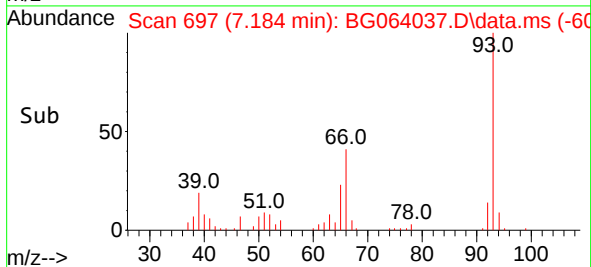
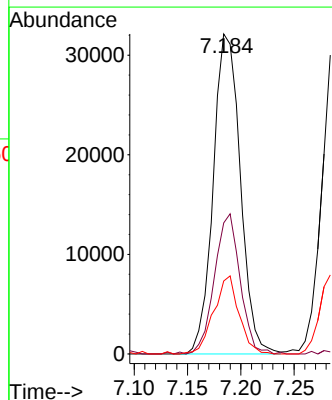
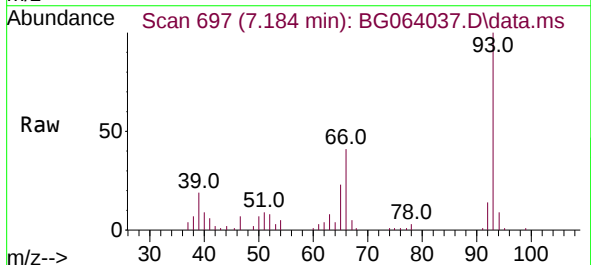
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ClientSampleId :

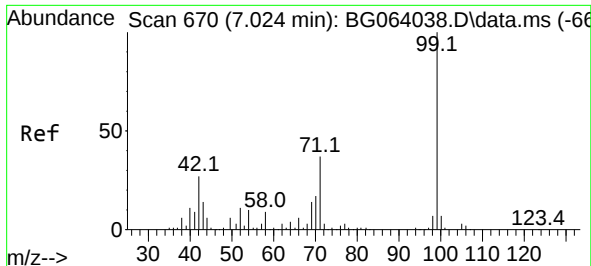
Tgt Ion:112 Resp: 74254  
Ion Ratio Lower Upper  
112 100  
64 67.0 50.5 75.7  
63 37.5 29.8 44.6



#6  
Aniline  
Concen: 20.585 ng  
RT: 7.184 min Scan# 697  
Delta R.T. -0.005 min  
Lab File: BG064037.D  
Acq: 3 Mar 2025 14:18

Tgt Ion: 93 Resp: 56797  
Ion Ratio Lower Upper  
93 100  
66 41.0 37.1 55.7  
65 22.8 18.2 27.2

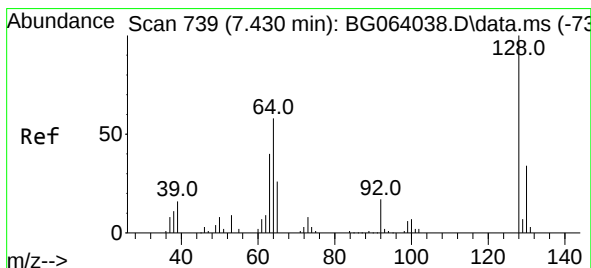
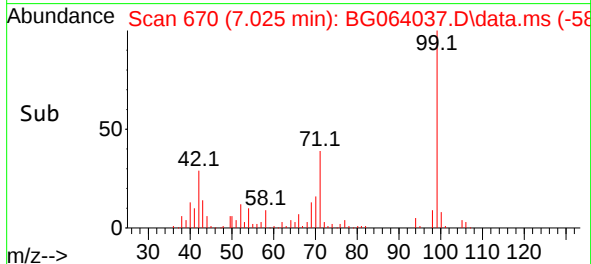
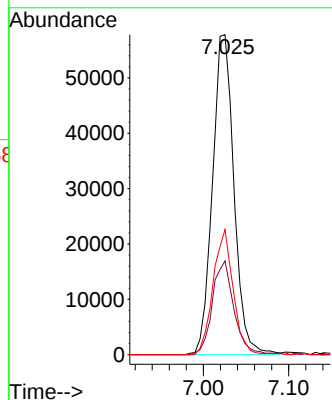
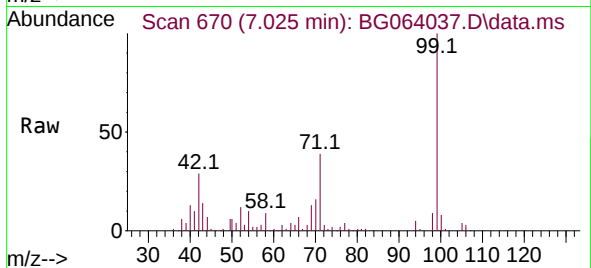




#7  
Phenol-d6  
Concen: 39.141 ng  
RT: 7.025 min Scan# 61  
Delta R.T. 0.001 min  
Lab File: BG064037.D  
Acq: 3 Mar 2025 14:18

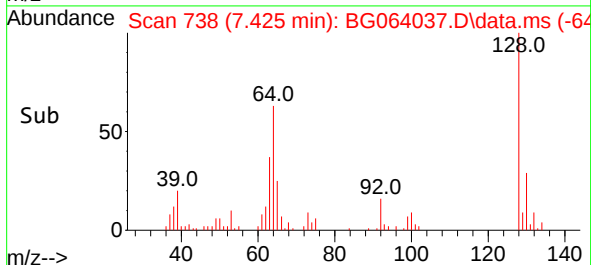
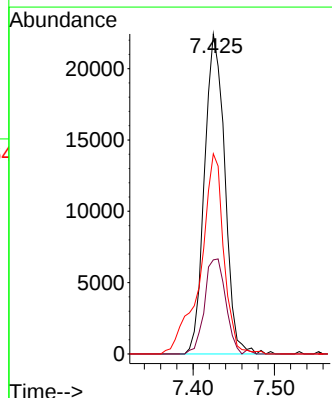
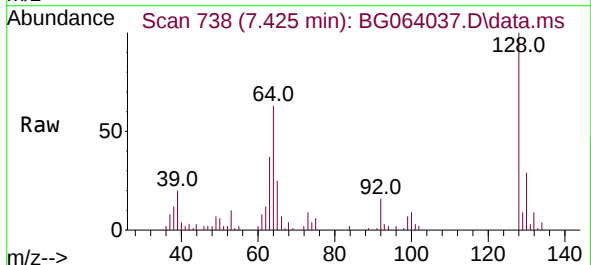
Instrument :  
BNA\_G  
ClientSampleId :

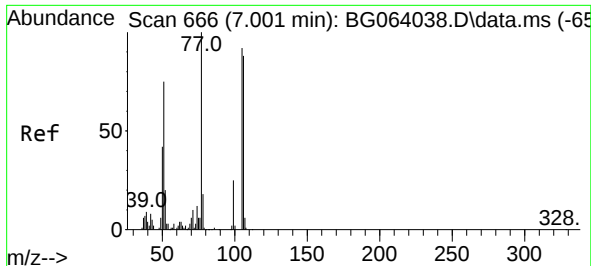
Tgt Ion: 99 Resp: 101124  
Ion Ratio Lower Upper  
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42 29.3 21.9 32.9  
71 39.1 29.5 44.3



#8  
2-Chlorophenol  
Concen: 19.914 ng  
RT: 7.425 min Scan# 738  
Delta R.T. -0.005 min  
Lab File: BG064037.D  
Acq: 3 Mar 2025 14:18

Tgt Ion:128 Resp: 38797  
Ion Ratio Lower Upper  
128 100  
130 29.4 14.4 54.4  
64 62.6 40.7 80.7

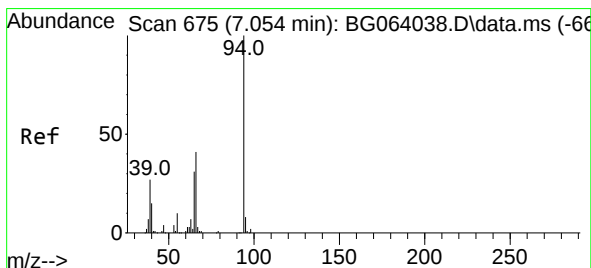
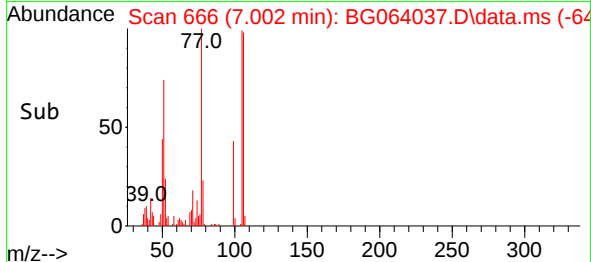
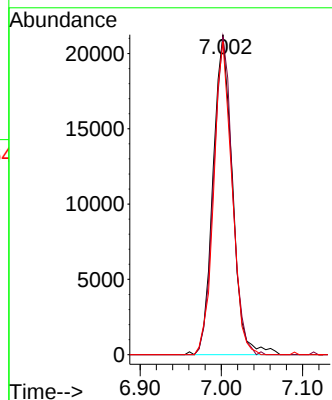
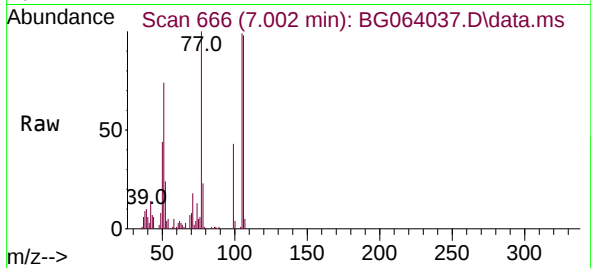




#9  
Benzaldehyde  
Concen: 22.865 ng  
RT: 7.002 min Scan# 60  
Delta R.T. 0.001 min  
Lab File: BG064037.D  
Acq: 3 Mar 2025 14:18

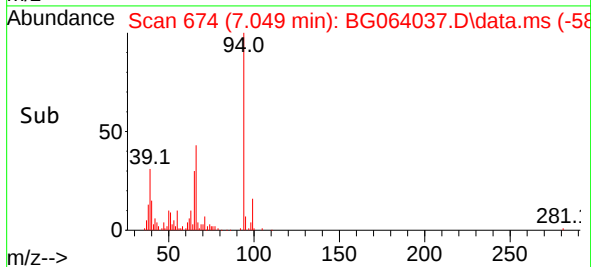
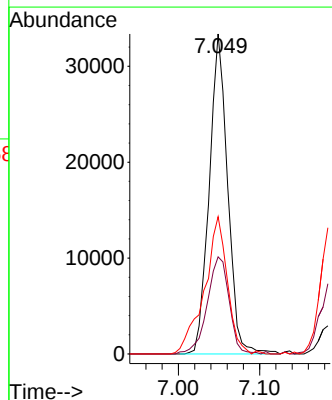
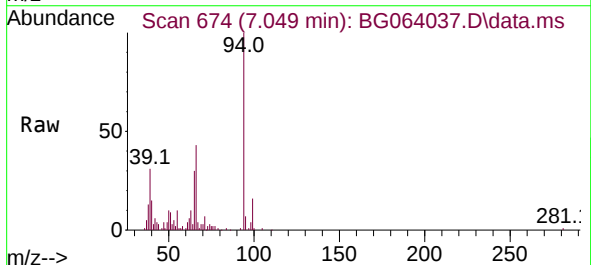
Instrument :  
BNA\_G  
ClientSampleId :

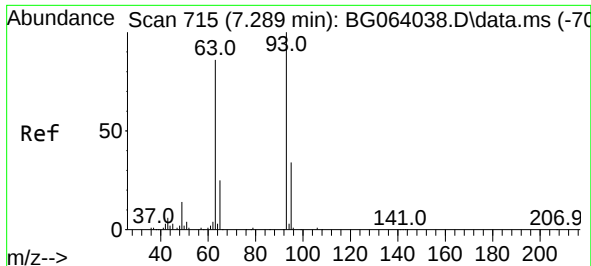
Tgt Ion: 77 Resp: 35216  
Ion Ratio Lower Upper  
77 100  
105 99.3 72.0 112.0  
106 97.8 68.0 108.0



#10  
Phenol  
Concen: 19.527 ng  
RT: 7.049 min Scan# 674  
Delta R.T. -0.005 min  
Lab File: BG064037.D  
Acq: 3 Mar 2025 14:18

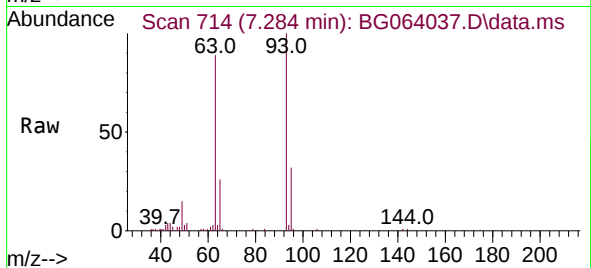
Tgt Ion: 94 Resp: 52544  
Ion Ratio Lower Upper  
94 100  
65 30.4 11.8 51.8  
66 42.9 21.6 61.6



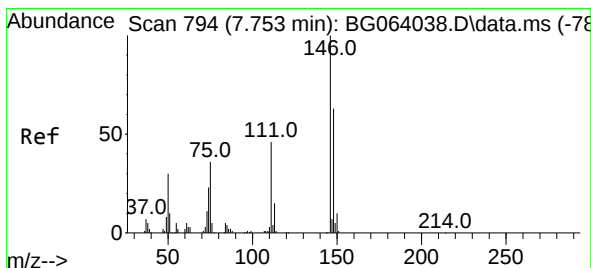
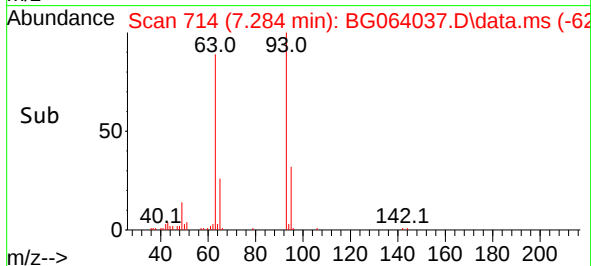
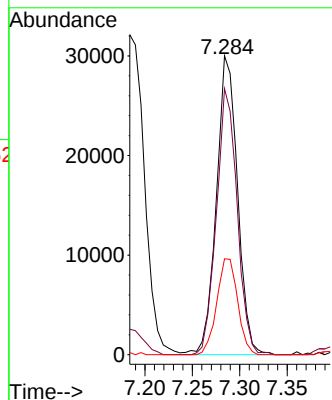


#11  
bis(2-Chloroethyl)ether  
Concen: 20.890 ng  
RT: 7.284 min Scan# 715  
Delta R.T. -0.005 min  
Lab File: BG064037.D  
Acq: 3 Mar 2025 14:18

Instrument :  
BNA\_G  
ClientSampleId :

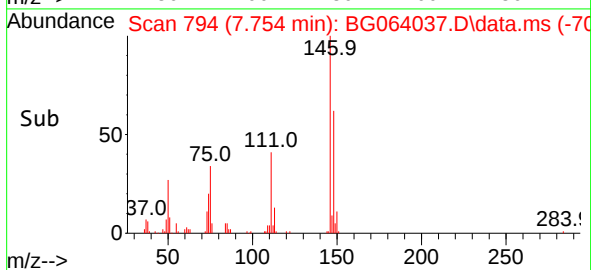
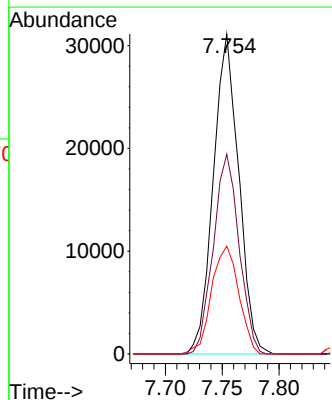
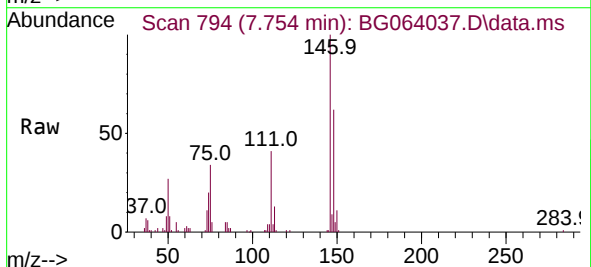


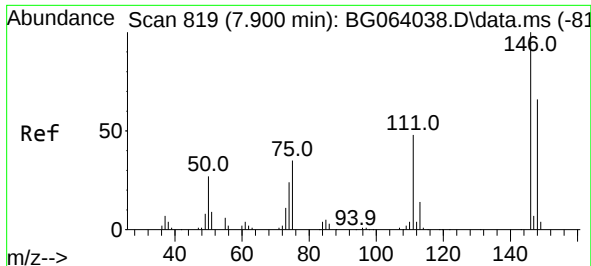
Tgt Ion: 93 Resp: 46638  
Ion Ratio Lower Upper  
93 100  
63 89.0 65.7 105.7  
95 32.1 13.5 53.5



#12  
1,3-Dichlorobenzene  
Concen: 20.832 ng  
RT: 7.754 min Scan# 794  
Delta R.T. 0.001 min  
Lab File: BG064037.D  
Acq: 3 Mar 2025 14:18

Tgt Ion:146 Resp: 48316  
Ion Ratio Lower Upper  
146 100  
148 62.4 50.6 76.0  
75 33.7 29.2 43.8





#13

1,4-Dichlorobenzene

Concen: 20.879 ng

RT: 7.901 min Scan# 819

Delta R.T. 0.001 min

Lab File: BG064037.D

Acq: 3 Mar 2025 14:18

Instrument :

BNA\_G

ClientSampleId :

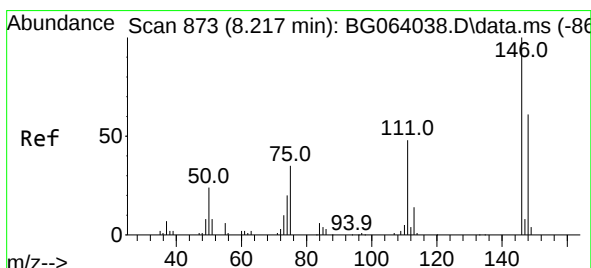
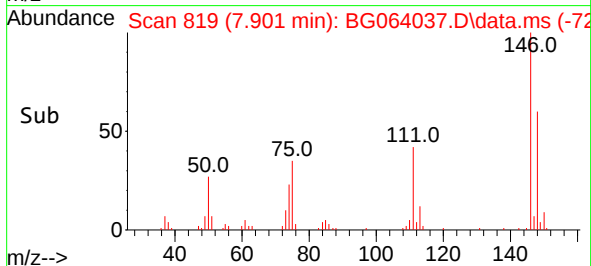
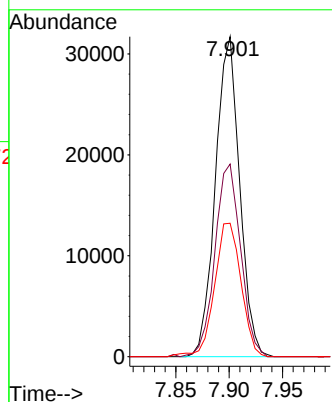
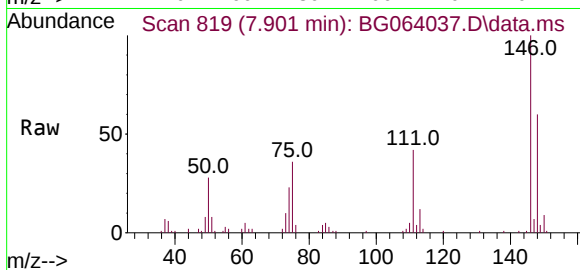
Tgt Ion:146 Resp: 50058

Ion Ratio Lower Upper

146 100

148 60.2 52.5 78.7

111 41.7 38.5 57.7



#14

1,2-Dichlorobenzene

Concen: 20.368 ng

RT: 8.212 min Scan# 872

Delta R.T. -0.005 min

Lab File: BG064037.D

Acq: 3 Mar 2025 14:18

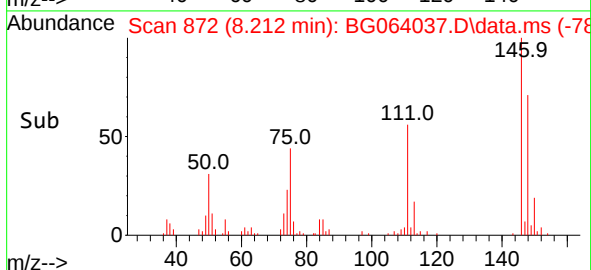
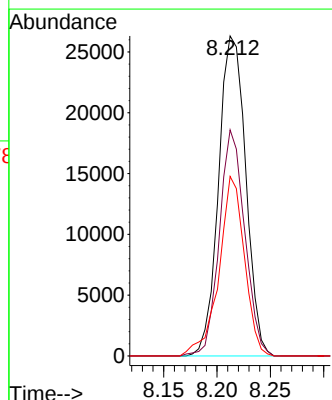
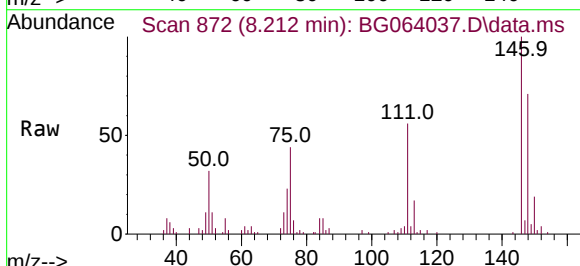
Tgt Ion:146 Resp: 46623

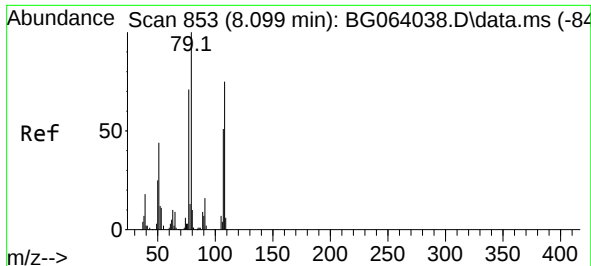
Ion Ratio Lower Upper

146 100

148 70.7 48.8 73.2

111 56.1 38.8 58.2

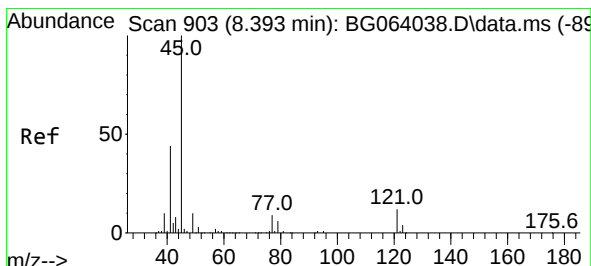
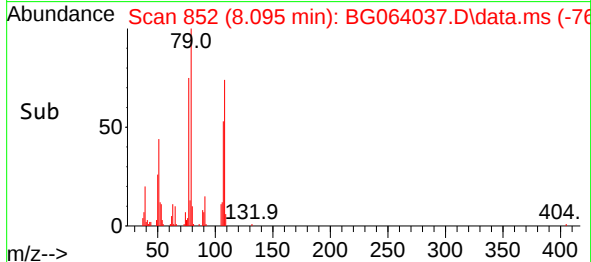
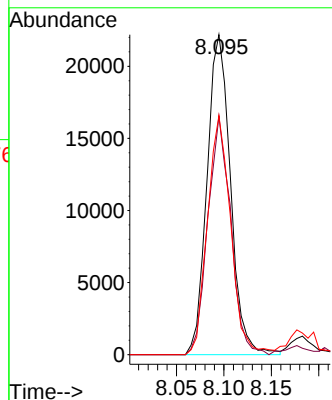
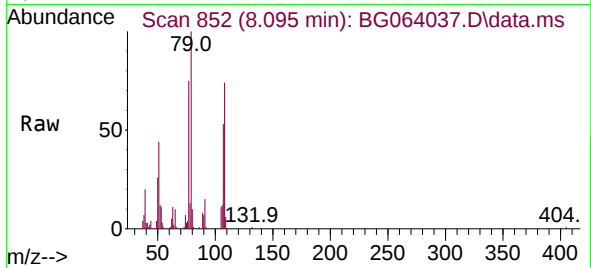




#15  
Benzyl Alcohol  
Concen: 18.007 ng  
RT: 8.095 min Scan# 81  
Delta R.T. -0.004 min  
Lab File: BG064037.D  
Acq: 3 Mar 2025 14:18

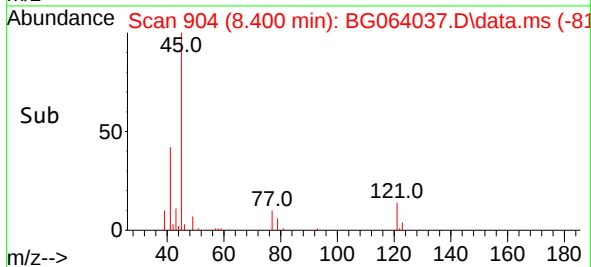
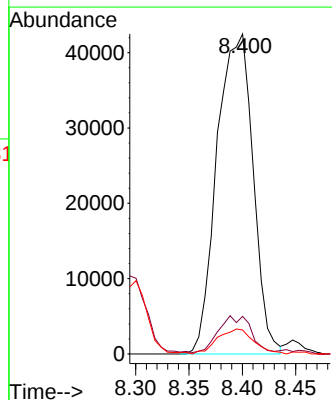
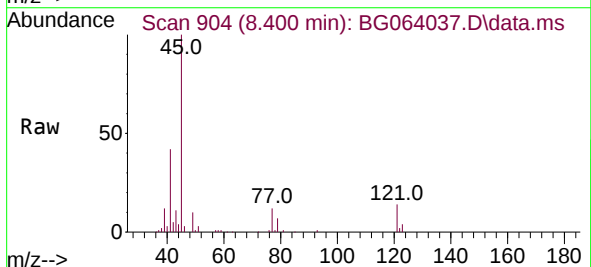
Instrument :  
BNA\_G  
ClientSampleId :

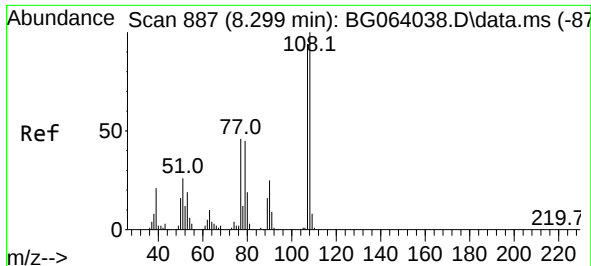
Tgt Ion: 79 Resp: 38181  
Ion Ratio Lower Upper  
79 100  
108 74.4 60.0 90.0  
77 74.7 56.9 85.3



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 19.896 ng  
RT: 8.400 min Scan# 904  
Delta R.T. 0.007 min  
Lab File: BG064037.D  
Acq: 3 Mar 2025 14:18

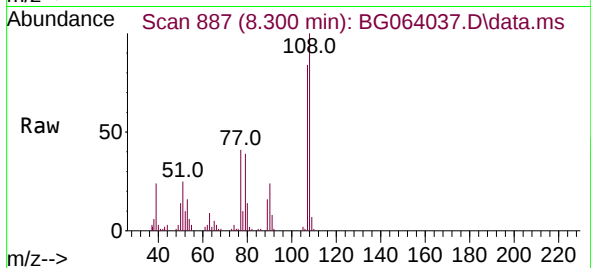
Tgt Ion: 45 Resp: 100047  
Ion Ratio Lower Upper  
45 100  
77 11.7 0.0 29.8  
79 7.5 0.0 26.5





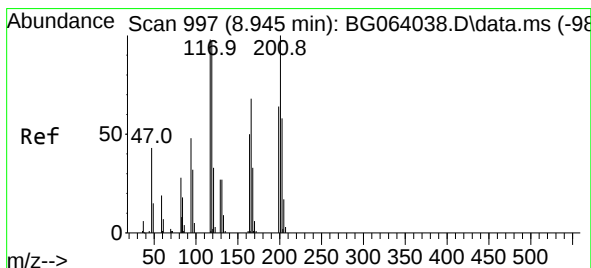
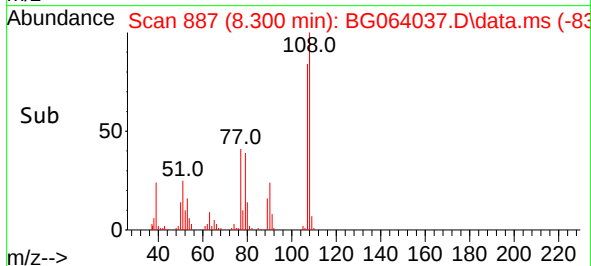
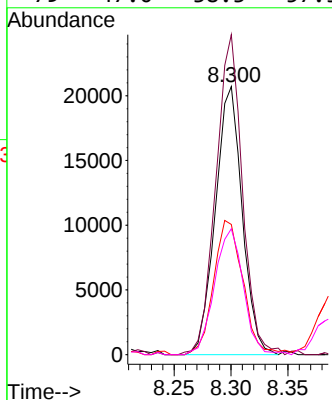
#17  
2-Methylphenol  
Concen: 18.783 ng  
RT: 8.300 min Scan# 81  
Delta R.T. 0.001 min  
Lab File: BG064037.D  
Acq: 3 Mar 2025 14:18

Instrument :  
BNA\_G  
ClientSampleId :



Tgt Ion:107 Resp: 34015

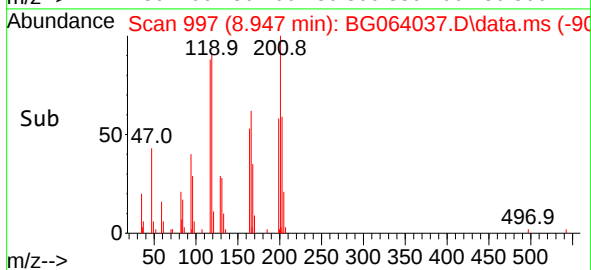
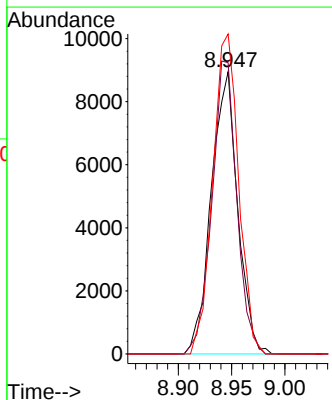
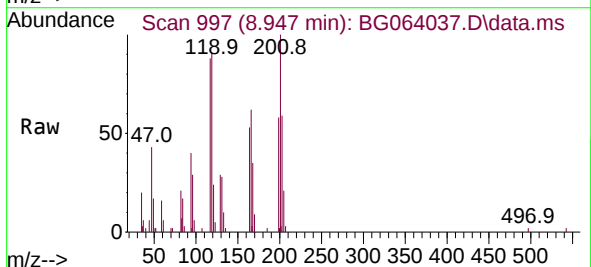
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 107 | 100   |       |       |
| 108 | 119.3 | 85.5  | 128.3 |
| 77  | 48.5  | 39.0  | 58.4  |
| 79  | 47.0  | 38.3  | 57.5  |

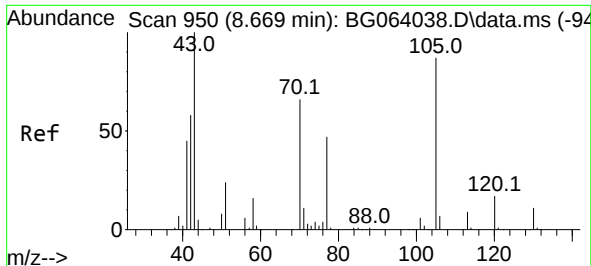


#18  
Hexachloroethane  
Concen: 19.133 ng  
RT: 8.947 min Scan# 997  
Delta R.T. 0.001 min  
Lab File: BG064037.D  
Acq: 3 Mar 2025 14:18

Tgt Ion:117 Resp: 15373

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 117 | 100   |       |       |
| 119 | 103.1 | 78.6  | 117.8 |
| 201 | 116.6 | 81.1  | 121.7 |

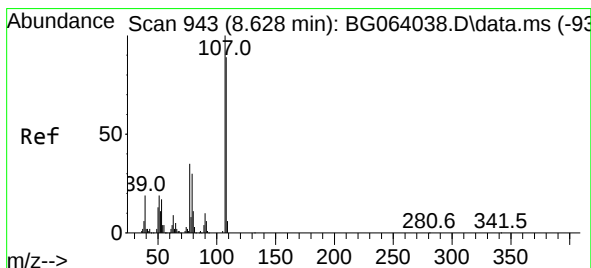
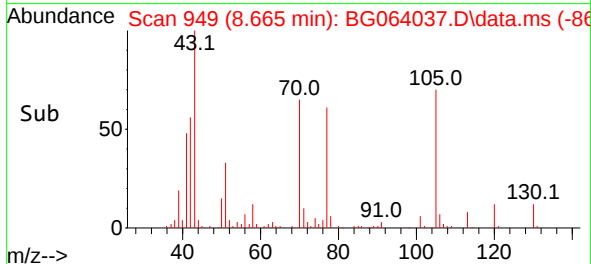
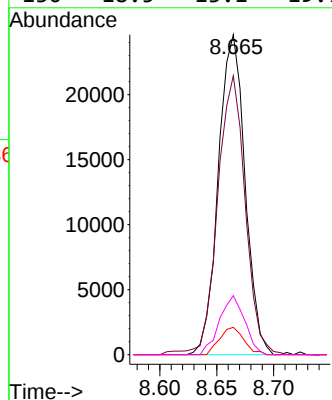
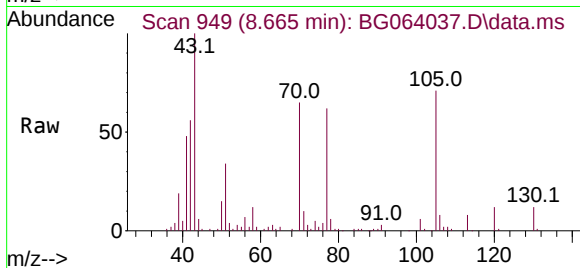




#19  
n-Nitroso-di-n-propylamine  
Concen: 19.831 ng  
RT: 8.665 min Scan# 949  
Delta R.T. -0.005 min  
Lab File: BG064037.D  
Acq: 3 Mar 2025 14:18

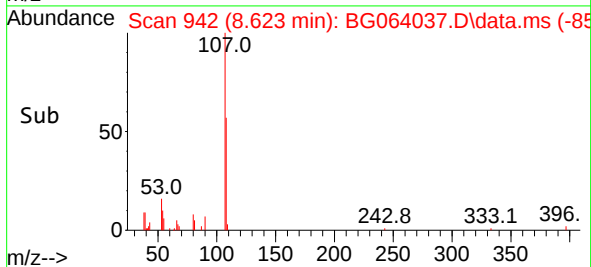
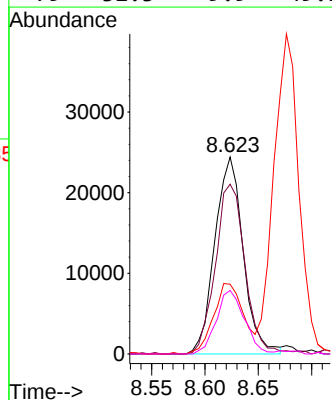
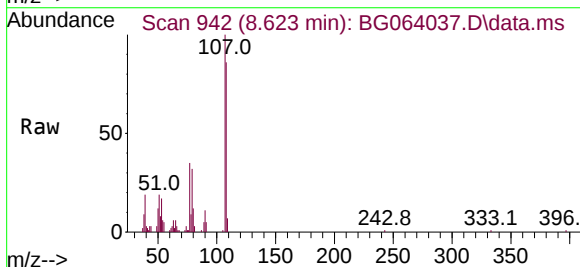
Instrument :  
BNA\_G  
ClientSampleId :

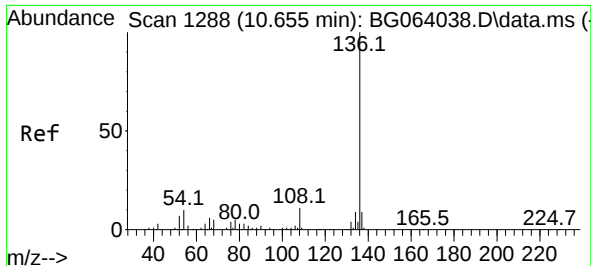
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 70    | Resp: | 40138 |
| Ion      | Ratio | Lower | Upper |
| 70       | 100   |       |       |
| 42       | 87.2  | 71.0  | 106.6 |
| 101      | 8.6   | 7.3   | 10.9  |
| 130      | 18.5  | 13.1  | 19.7  |



#20  
3+4-Methylphenols  
Concen: 17.368 ng  
RT: 8.623 min Scan# 942  
Delta R.T. -0.005 min  
Lab File: BG064037.D  
Acq: 3 Mar 2025 14:18

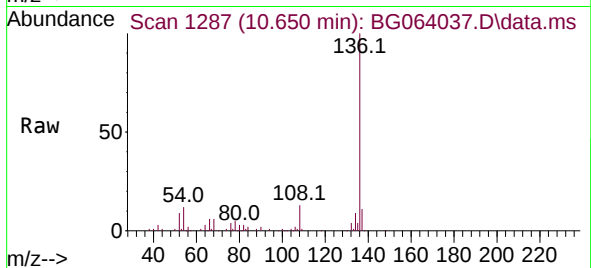
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 107   | Resp: | 45130 |
| Ion      | Ratio | Lower | Upper |
| 107      | 100   |       |       |
| 108      | 86.2  | 69.3  | 109.3 |
| 77       | 35.4  | 14.7  | 54.7  |
| 79       | 32.3  | 9.9   | 49.9  |



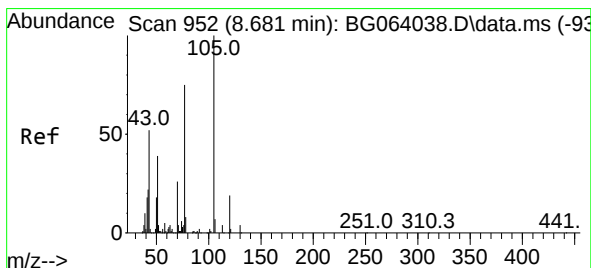
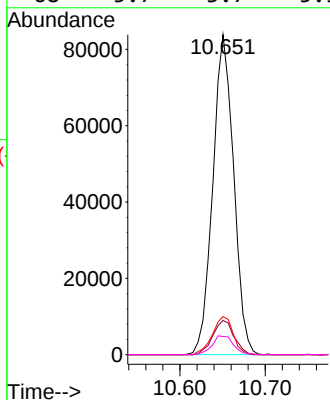
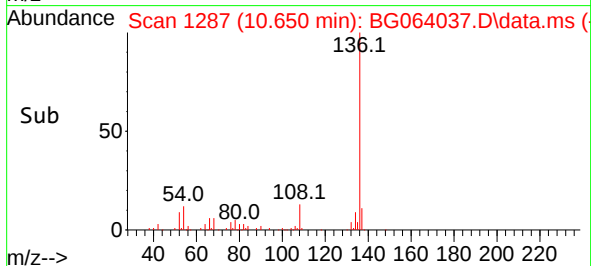


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.650 min Scan# 11  
Delta R.T. -0.005 min  
Lab File: BG064037.D  
Acq: 3 Mar 2025 14:18

Instrument :  
BNA\_G  
ClientSampleId :

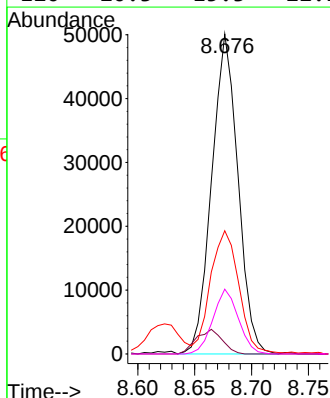
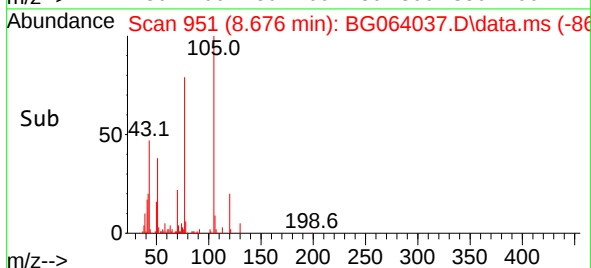
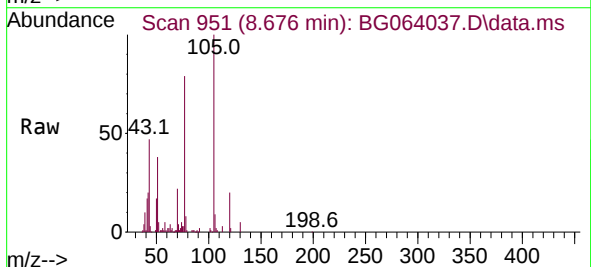


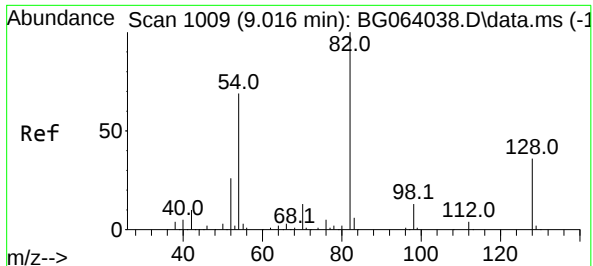
Tgt Ion:136 Resp: 142550  
Ion Ratio Lower Upper  
136 100  
137 10.7 7.3 10.9  
54 11.9 8.2 12.4  
68 5.7 3.7 5.5#



#22  
Acetophenone  
Concen: 20.428 ng  
RT: 8.676 min Scan# 951  
Delta R.T. -0.005 min  
Lab File: BG064037.D  
Acq: 3 Mar 2025 14:18

Tgt Ion:105 Resp: 80359  
Ion Ratio Lower Upper  
105 100  
71 3.5 3.2 4.8  
51 38.5 32.0 48.0  
120 20.3 15.3 22.9





#23

Nitrobenzene-d5

Concen: 39.377 ng

RT: 9.011 min Scan# 1009

Delta R.T. -0.005 min

Lab File: BG064037.D

Acq: 3 Mar 2025 14:18

Instrument :

BNA\_G

ClientSampleId :

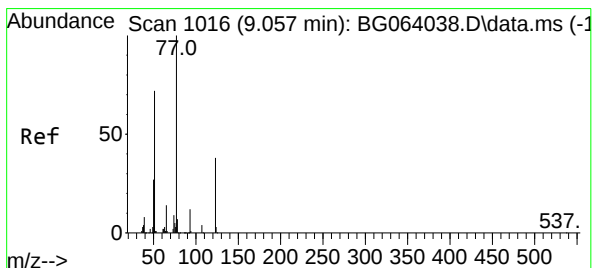
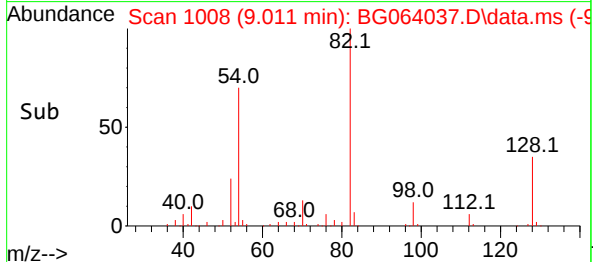
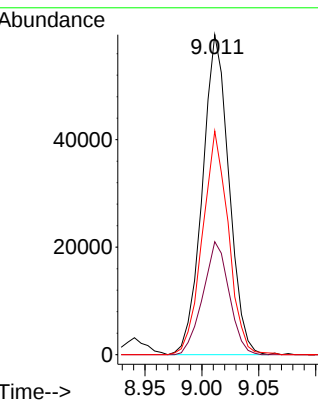
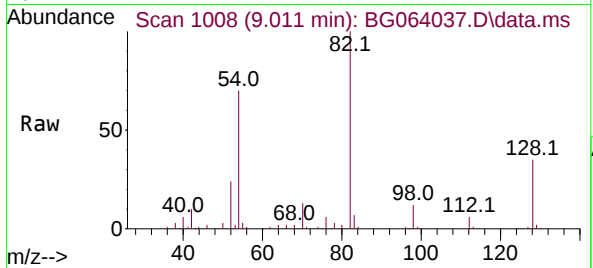
Tgt Ion: 82 Resp: 96577

Ion Ratio Lower Upper

82 100

128 35.3 28.3 42.5

54 69.9 55.4 83.0



#24

Nitrobenzene

Concen: 19.708 ng

RT: 9.052 min Scan# 1015

Delta R.T. -0.005 min

Lab File: BG064037.D

Acq: 3 Mar 2025 14:18

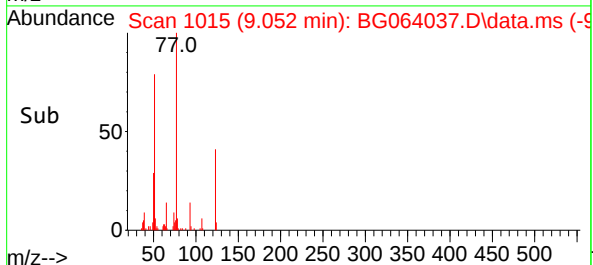
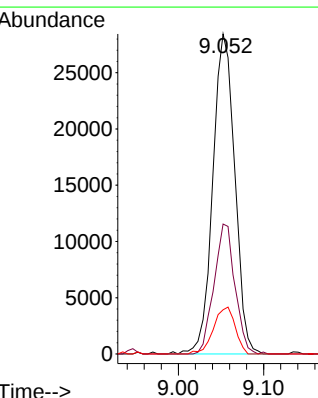
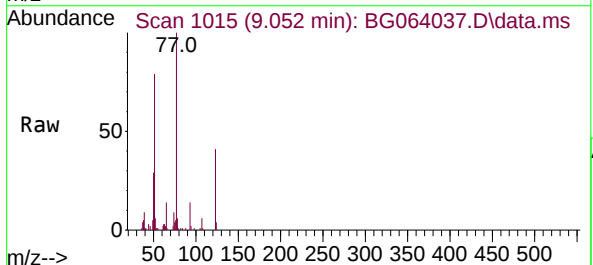
Tgt Ion: 77 Resp: 50998

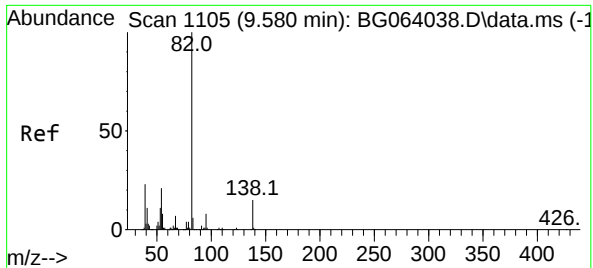
Ion Ratio Lower Upper

77 100

123 40.6 30.1 45.1

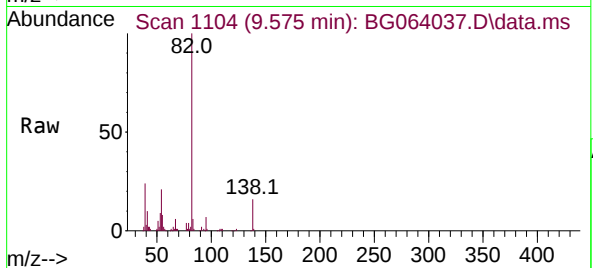
65 13.8 11.1 16.7



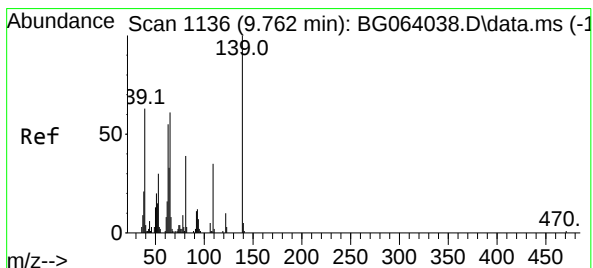
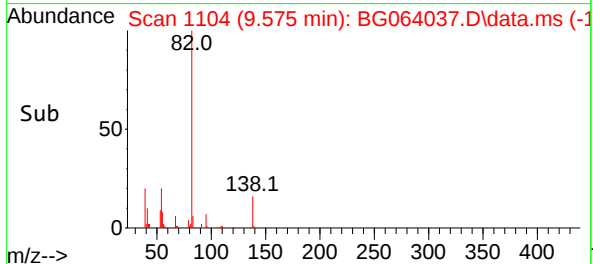
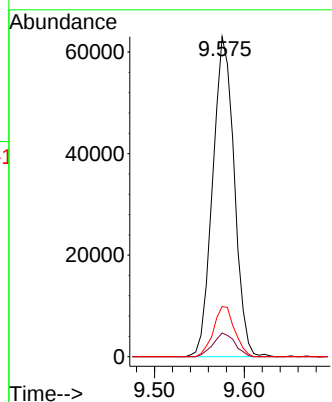


#25  
Isophorone  
Concen: 20.148 ng  
RT: 9.575 min Scan# 1104  
Delta R.T. -0.005 min  
Lab File: BG064037.D  
Acq: 3 Mar 2025 14:18

Instrument :  
BNA\_G  
ClientSampleId :

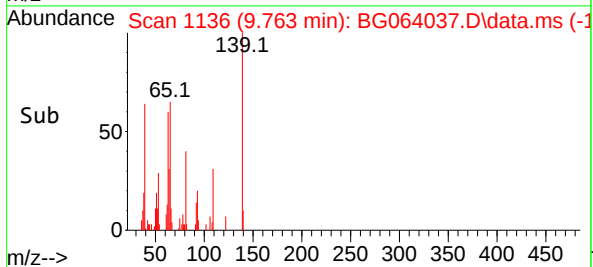
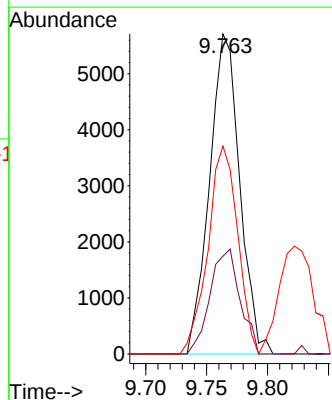
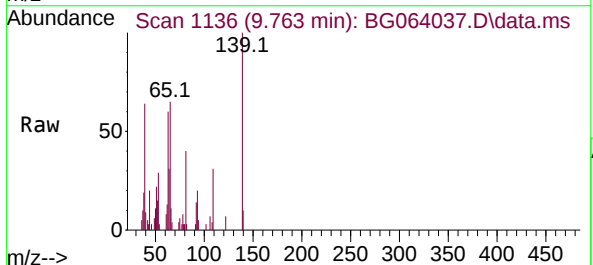


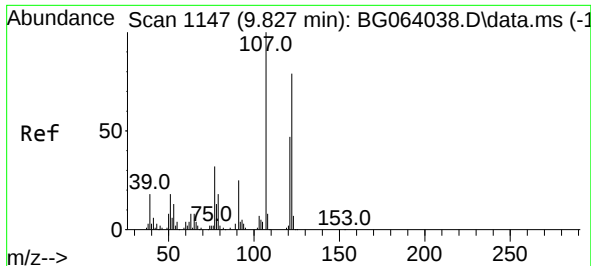
Tgt Ion: 82 Resp: 105005  
Ion Ratio Lower Upper  
82 100  
95 7.4 6.3 9.5  
138 15.6 12.1 18.1



#26  
2-Nitrophenol  
Concen: 21.727 ng  
RT: 9.763 min Scan# 1136  
Delta R.T. 0.001 min  
Lab File: BG064037.D  
Acq: 3 Mar 2025 14:18

Tgt Ion:139 Resp: 9863  
Ion Ratio Lower Upper  
139 100  
109 30.6 28.1 42.1  
65 65.0 49.1 73.7





#27

2,4-Dimethylphenol

Concen: 19.126 ng

RT: 9.828 min Scan# 1147

Delta R.T. 0.001 min

Lab File: BG064037.D

Acq: 3 Mar 2025 14:18

Instrument :

BNA\_G

ClientSampleId :

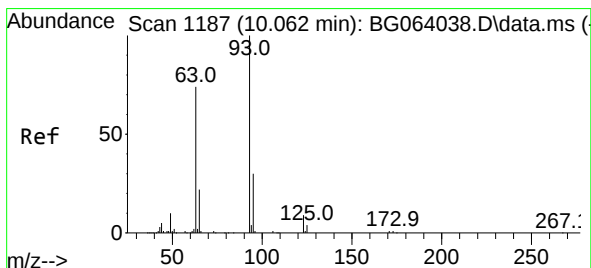
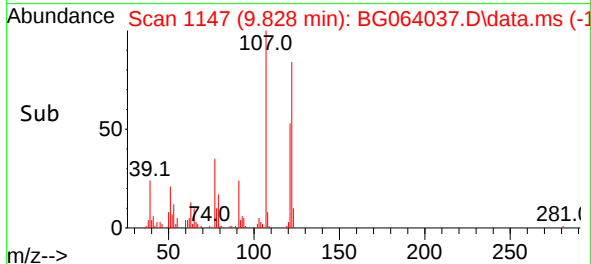
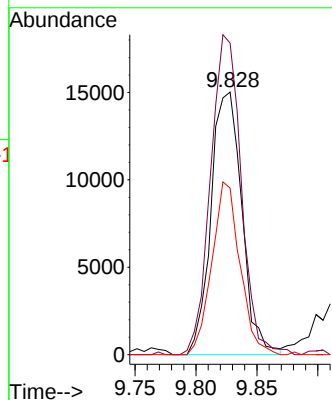
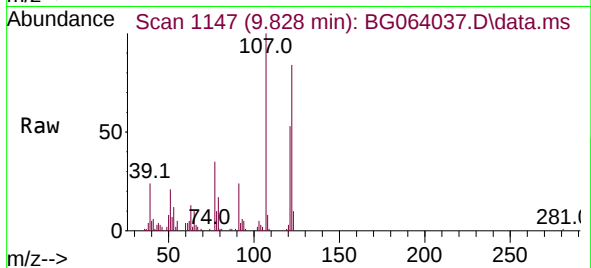
Tgt Ion:122 Resp: 26499

Ion Ratio Lower Upper

122 100

107 118.7 101.2 151.8

121 63.5 46.7 70.1



#28

bis(2-Chloroethoxy)methane

Concen: 20.521 ng

RT: 10.063 min Scan# 1187

Delta R.T. 0.001 min

Lab File: BG064037.D

Acq: 3 Mar 2025 14:18

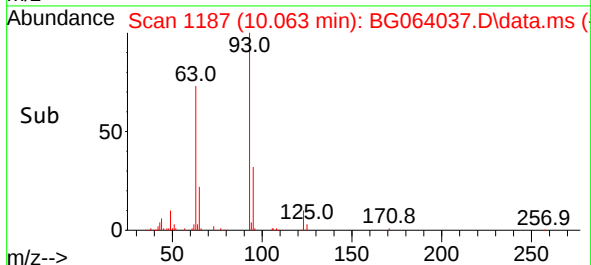
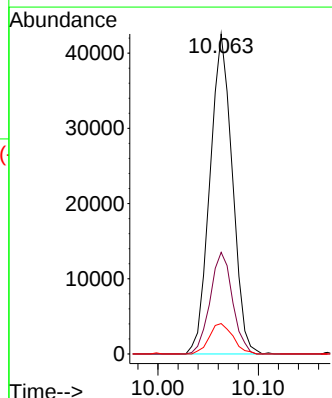
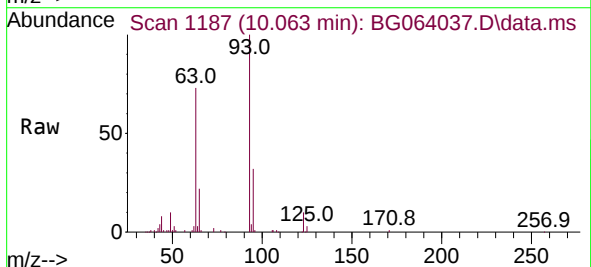
Tgt Ion: 93 Resp: 65757

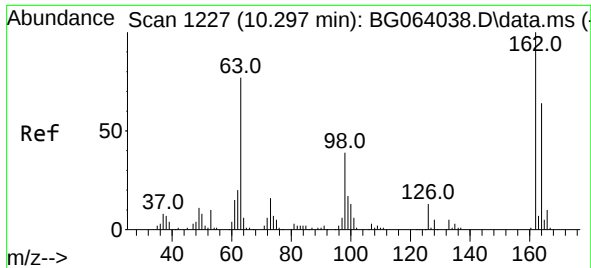
Ion Ratio Lower Upper

93 100

95 31.7 23.8 35.6

123 9.5 7.0 10.4





#29

2,4-Dichlorophenol

Concen: 19.028 ng

RT: 10.292 min Scan# 1226

Delta R.T. -0.005 min

Lab File: BG064037.D

Acq: 3 Mar 2025 14:18

Instrument :

BNA\_G

ClientSampleId :

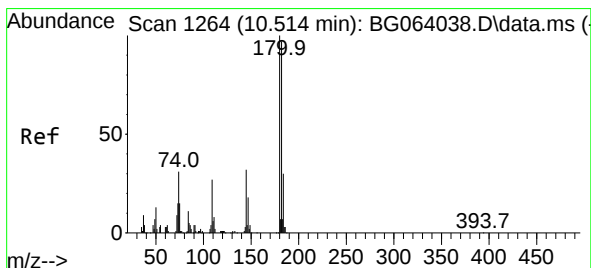
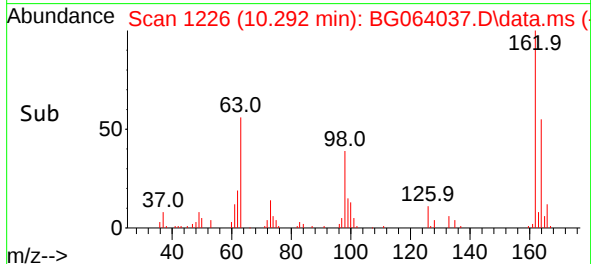
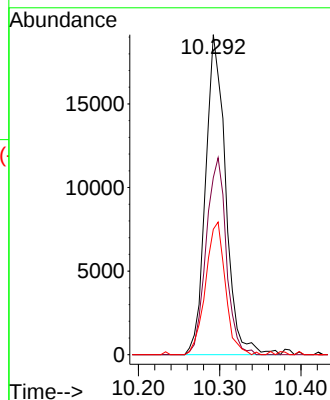
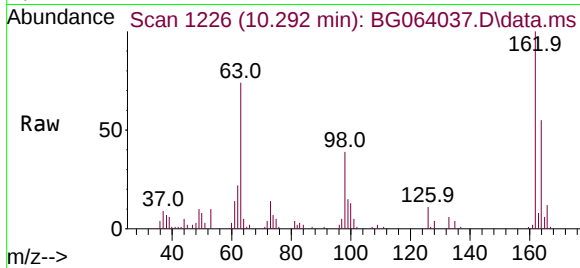
Tgt Ion:162 Resp: 32751

Ion Ratio Lower Upper

162 100

164 55.3 44.4 84.4

98 39.2 19.3 59.3



#30

1,2,4-Trichlorobenzene

Concen: 20.973 ng

RT: 10.515 min Scan# 1264

Delta R.T. 0.001 min

Lab File: BG064037.D

Acq: 3 Mar 2025 14:18

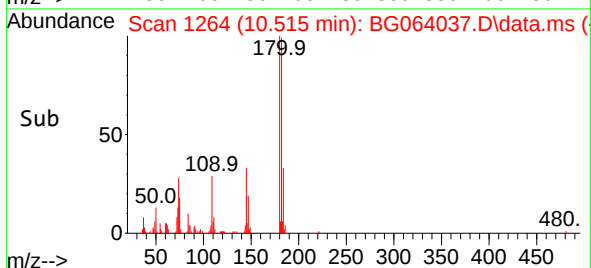
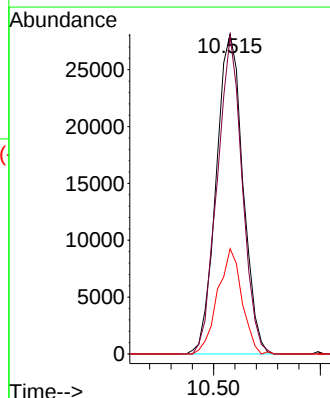
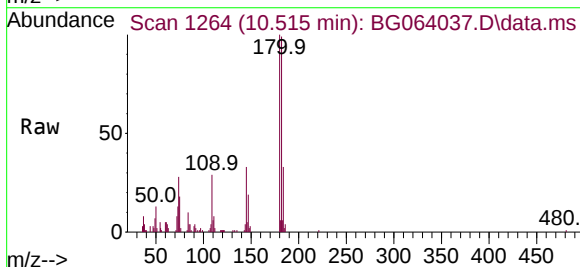
Tgt Ion:180 Resp: 48768

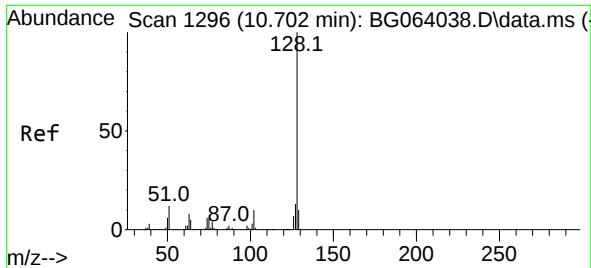
Ion Ratio Lower Upper

180 100

182 99.4 77.6 116.4

145 32.9 25.3 37.9

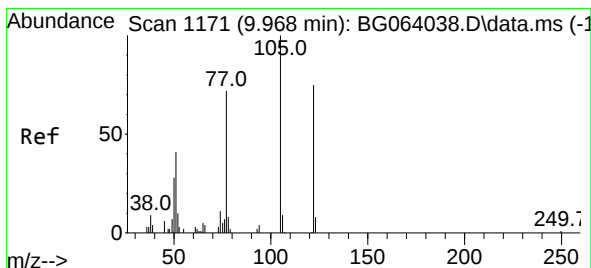
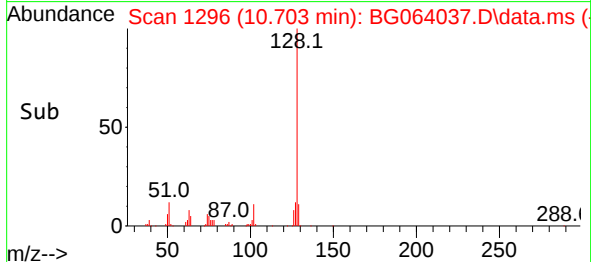
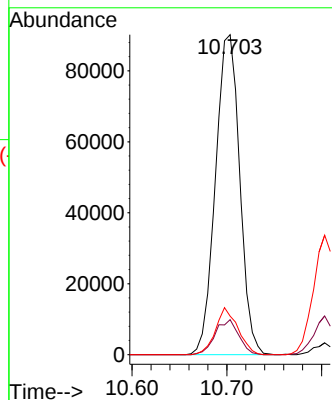
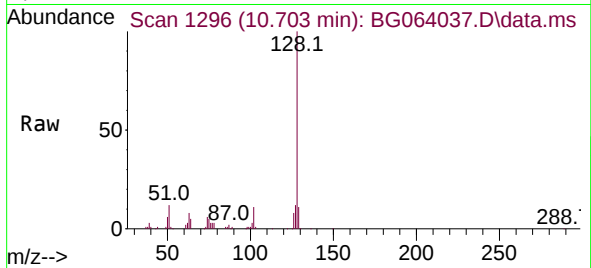




#31  
Naphthalene  
Concen: 20.862 ng  
RT: 10.703 min Scan# 1163  
Delta R.T. 0.001 min  
Lab File: BG064037.D  
Acq: 3 Mar 2025 14:18

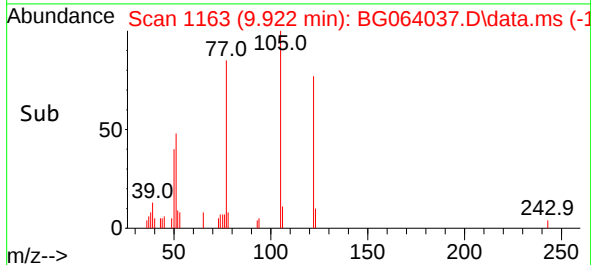
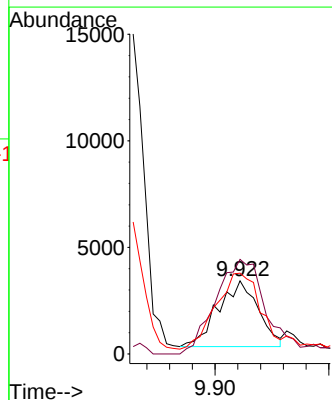
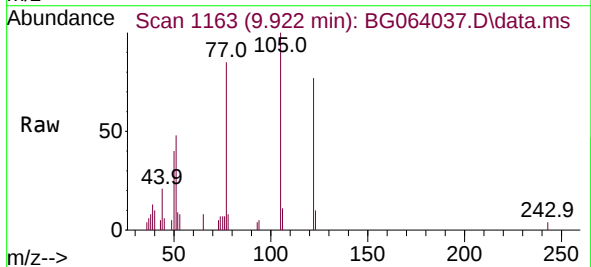
Instrument :  
BNA\_G  
ClientSampleId :

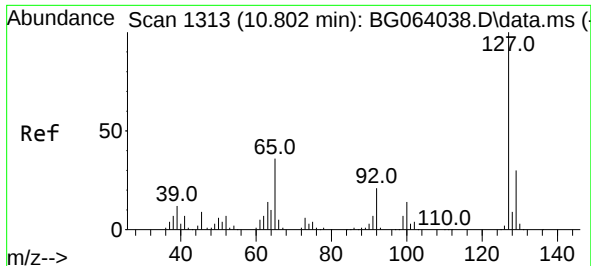
Tgt Ion:128 Resp: 160178  
Ion Ratio Lower Upper  
128 100  
129 10.9 8.2 12.4  
127 12.1 10.6 15.8



#32  
Benzoic acid  
Concen: 15.478 ng  
RT: 9.922 min Scan# 1163  
Delta R.T. -0.046 min  
Lab File: BG064037.D  
Acq: 3 Mar 2025 14:18

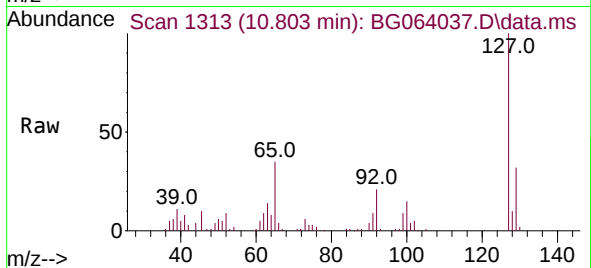
Tgt Ion:122 Resp: 7574  
Ion Ratio Lower Upper  
122 100  
105 129.3 106.2 146.2  
77 110.4 72.8 112.8



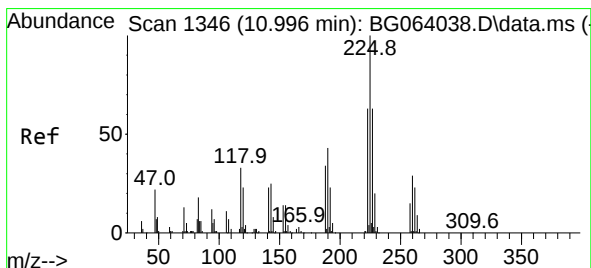
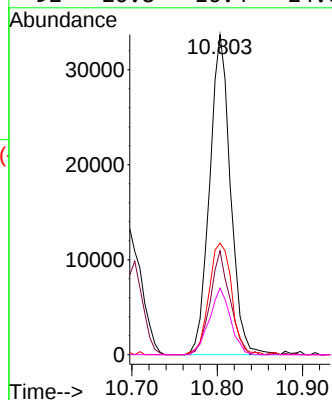
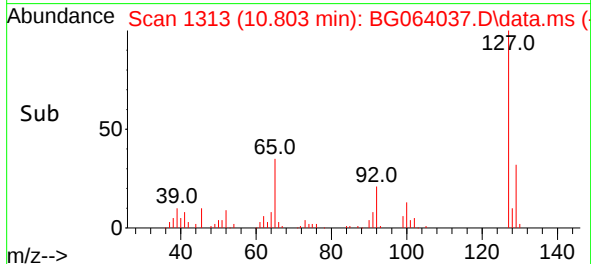


#33  
4-Chloroaniline  
Concen: 20.147 ng  
RT: 10.803 min Scan# 11  
Delta R.T. 0.001 min  
Lab File: BG064037.D  
Acq: 3 Mar 2025 14:18

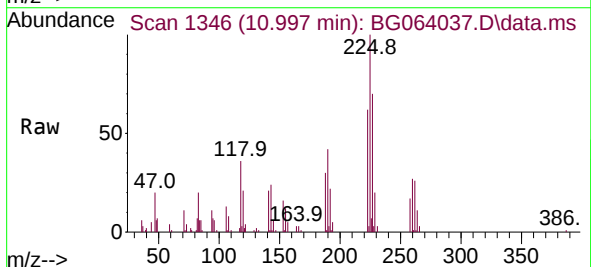
Instrument :  
BNA\_G  
ClientSampleId :



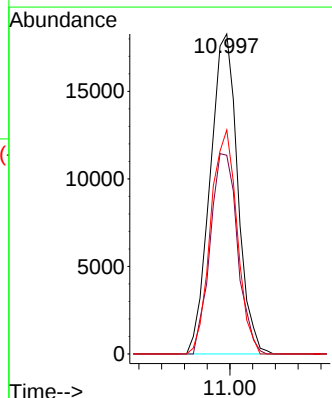
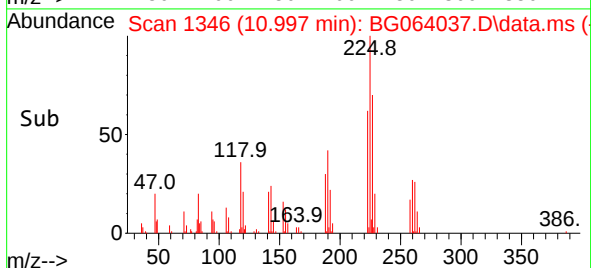
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 127   | Resp: | 57269 |
| Ion Ratio | Lower | Upper |       |
| 127       | 100   |       |       |
| 129       | 32.4  | 24.3  | 36.5  |
| 65        | 34.8  | 28.6  | 42.8  |
| 92        | 20.8  | 16.4  | 24.6  |

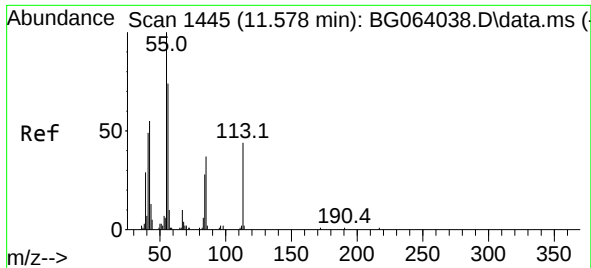


#34  
Hexachlorobutadiene  
Concen: 20.313 ng  
RT: 10.997 min Scan# 1346  
Delta R.T. 0.001 min  
Lab File: BG064037.D  
Acq: 3 Mar 2025 14:18



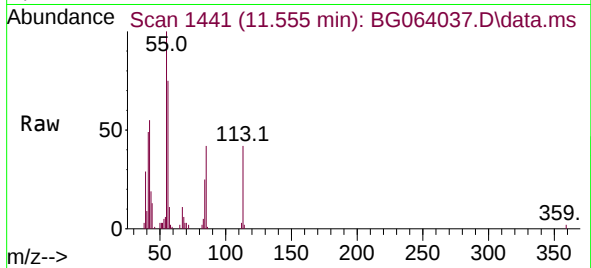
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 225   | Resp: | 30707 |
| Ion Ratio | Lower | Upper |       |
| 225       | 100   |       |       |
| 223       | 62.1  | 50.3  | 75.5  |
| 227       | 70.0  | 50.3  | 75.5  |



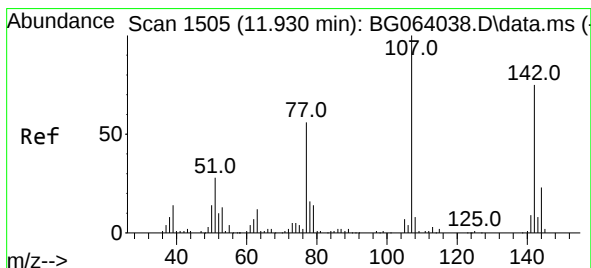
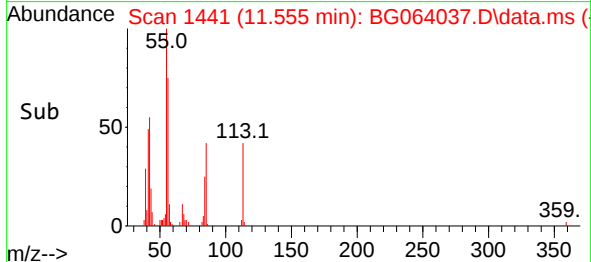
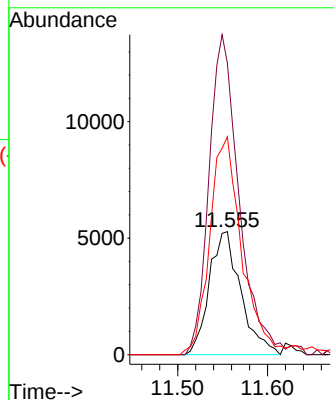


#35  
Caprolactam  
Concen: 18.577 ng  
RT: 11.555 min Scan# 14  
Delta R.T. -0.023 min  
Lab File: BG064037.D  
Acq: 3 Mar 2025 14:18

Instrument :  
BNA\_G  
ClientSampleId :

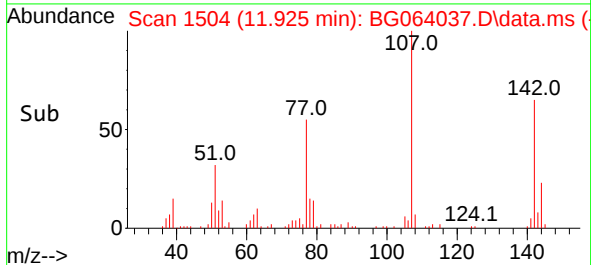
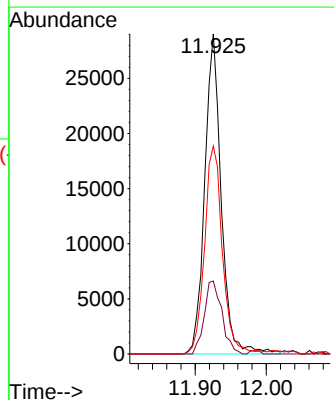
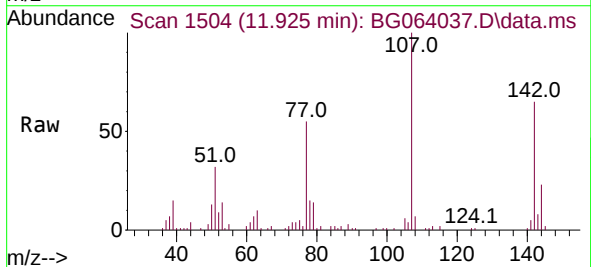


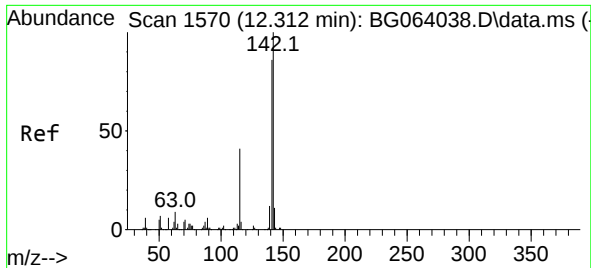
Tgt Ion:113 Resp: 12877  
Ion Ratio Lower Upper  
113 100  
55 237.0 209.7 249.7  
56 177.2 149.2 189.2



#36  
4-Chloro-3-methylphenol  
Concen: 19.264 ng  
RT: 11.925 min Scan# 1504  
Delta R.T. -0.005 min  
Lab File: BG064037.D  
Acq: 3 Mar 2025 14:18

Tgt Ion:107 Resp: 46938  
Ion Ratio Lower Upper  
107 100  
144 22.8 18.7 28.1  
142 65.0 60.3 90.5

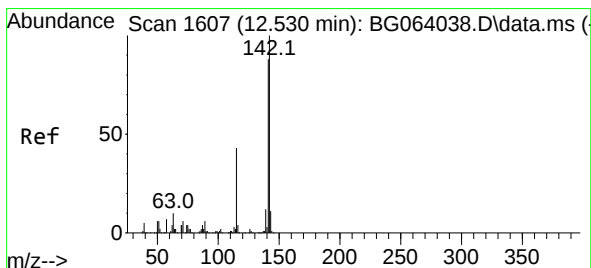
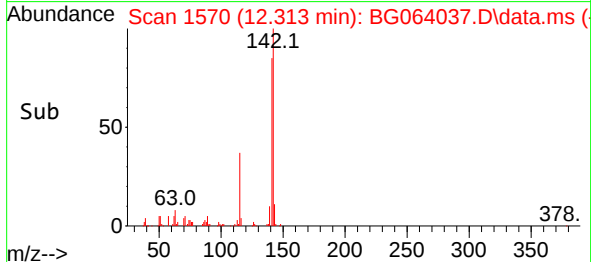
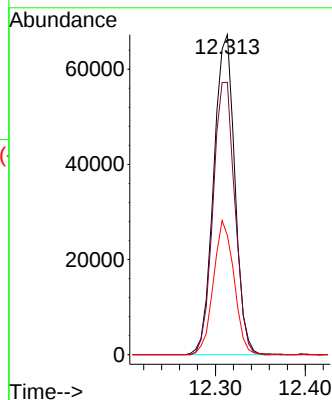
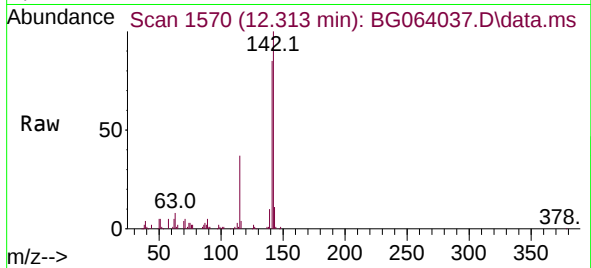




#37  
2-Methylnaphthalene  
Concen: 19.806 ng  
RT: 12.313 min Scan# 11  
Delta R.T. 0.001 min  
Lab File: BG064037.D  
Acq: 3 Mar 2025 14:18

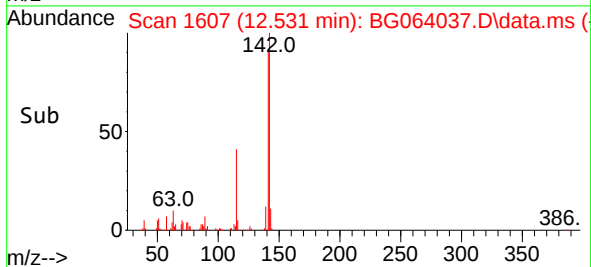
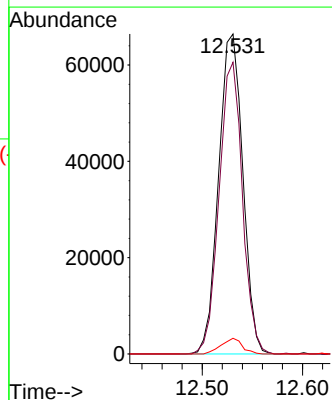
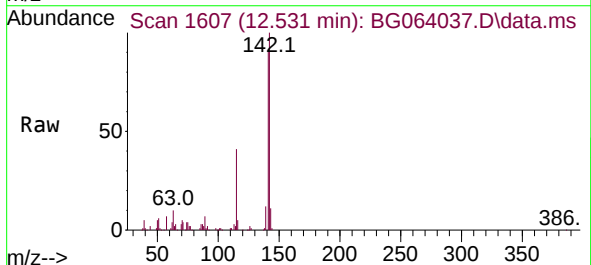
Instrument :  
BNA\_G  
ClientSampleId :

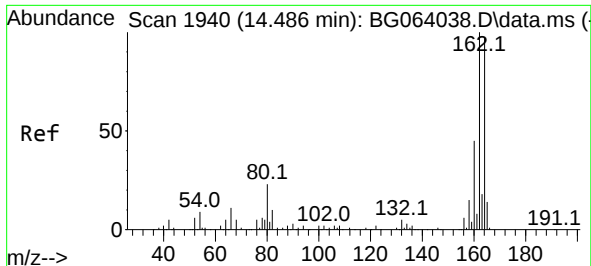
Tgt Ion:142 Resp: 109729  
Ion Ratio Lower Upper  
142 100  
141 85.1 69.1 103.7  
115 37.3 33.1 49.7



#38  
1-Methylnaphthalene  
Concen: 20.110 ng  
RT: 12.531 min Scan# 1607  
Delta R.T. 0.001 min  
Lab File: BG064037.D  
Acq: 3 Mar 2025 14:18

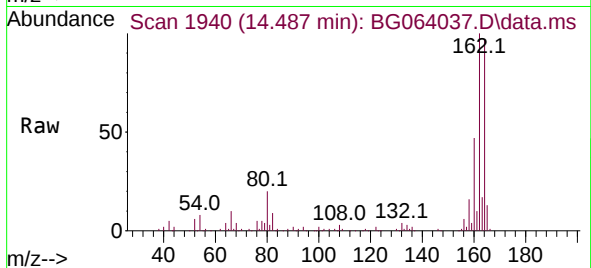
Tgt Ion:142 Resp: 111235  
Ion Ratio Lower Upper  
142 100  
141 91.1 70.2 105.2  
116 4.9 3.4 5.2



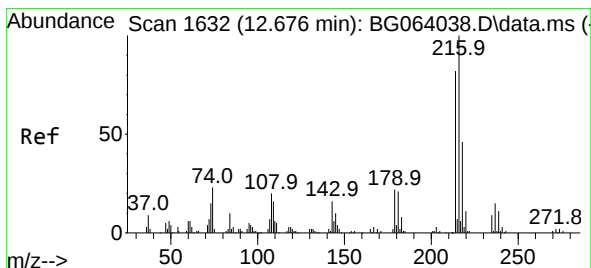
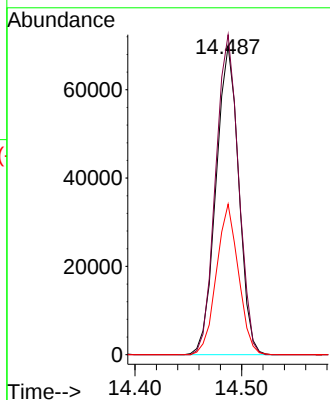
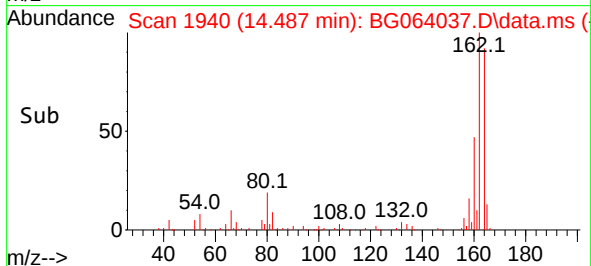


#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.487 min Scan# 1940  
Delta R.T. 0.001 min  
Lab File: BG064037.D  
Acq: 3 Mar 2025 14:18

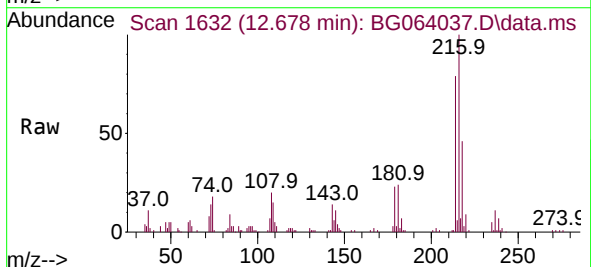
Instrument :  
BNA\_G  
ClientSampleId :



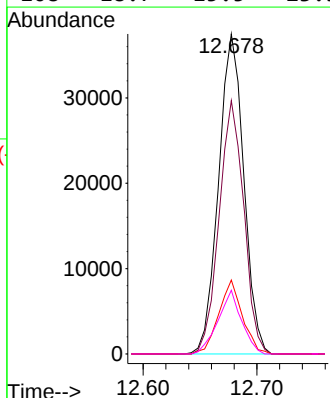
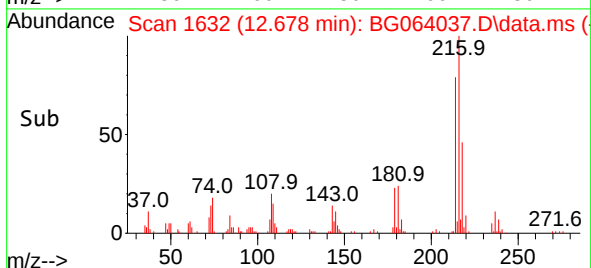
Tgt Ion:164 Resp: 103425  
Ion Ratio Lower Upper  
164 100  
162 103.6 82.7 124.1  
160 48.7 37.4 56.0

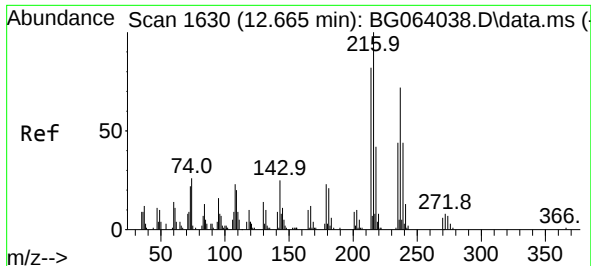


#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 20.099 ng  
RT: 12.678 min Scan# 1632  
Delta R.T. 0.001 min  
Lab File: BG064037.D  
Acq: 3 Mar 2025 14:18



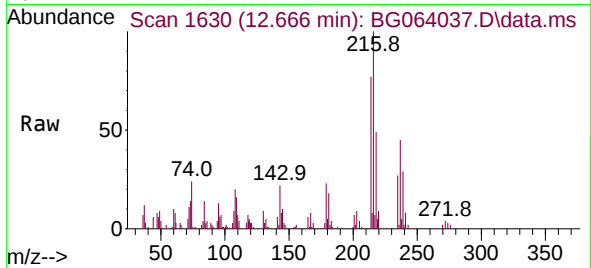
Tgt Ion:216 Resp: 57707  
Ion Ratio Lower Upper  
216 100  
214 77.5 64.9 97.3  
179 21.8 17.5 26.3  
108 18.7 15.5 23.3



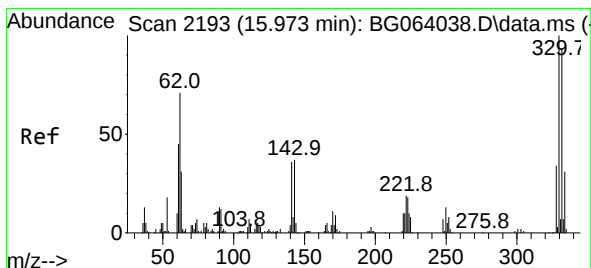
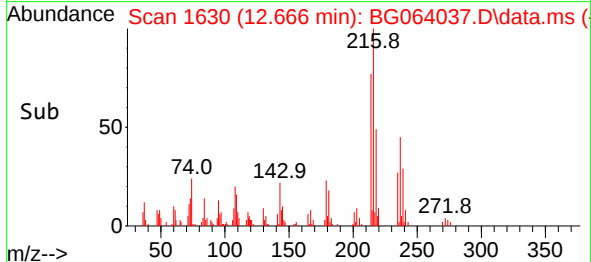
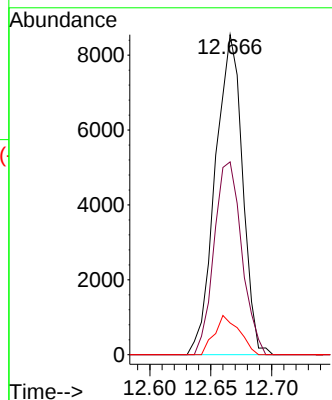


#41  
Hexachlorocyclopentadiene  
Concen: 17.326 ng  
RT: 12.666 min Scan# 1  
Delta R.T. 0.001 min  
Lab File: BG064037.D  
Acq: 3 Mar 2025 14:18

Instrument :  
BNA\_G  
ClientSampleId :

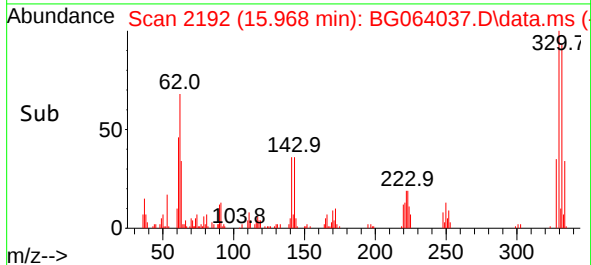
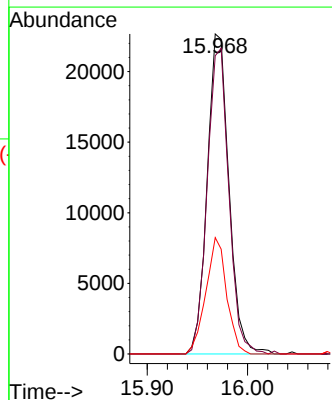
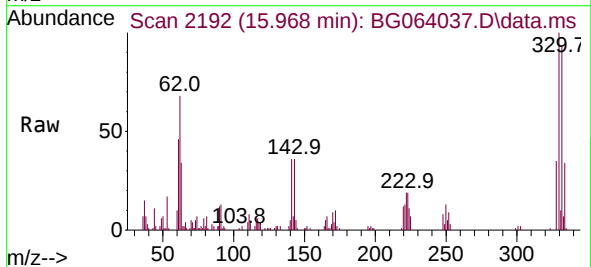


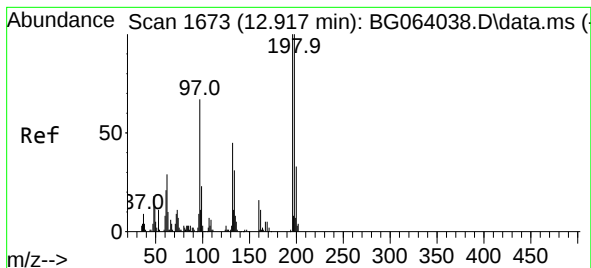
Tgt Ion:237 Resp: 13281  
Ion Ratio Lower Upper  
237 100  
235 60.2 41.2 81.2  
272 9.9 0.0 30.6



#42  
2,4,6-Tribromophenol  
Concen: 37.111 ng  
RT: 15.968 min Scan# 2192  
Delta R.T. -0.005 min  
Lab File: BG064037.D  
Acq: 3 Mar 2025 14:18

Tgt Ion:330 Resp: 34120  
Ion Ratio Lower Upper  
330 100  
332 94.6 77.0 115.6  
141 34.8 28.9 43.3

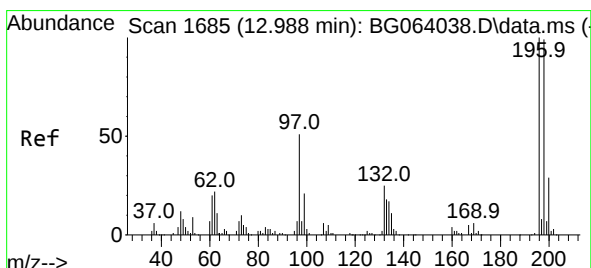
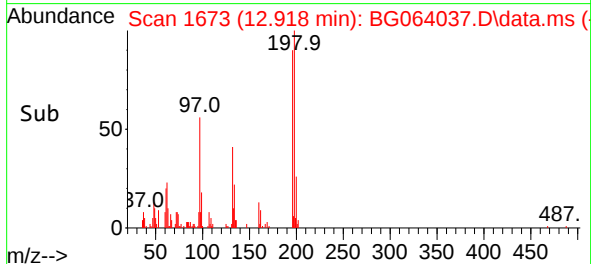
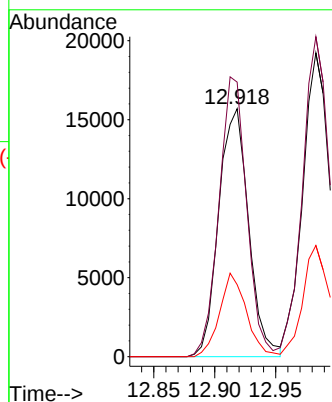
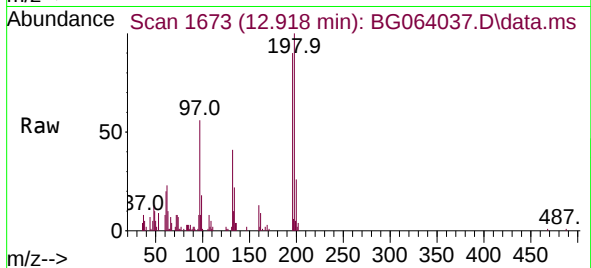




#43  
2,4,6-Trichlorophenol  
Concen: 18.463 ng  
RT: 12.918 min Scan# 1  
Delta R.T. 0.001 min  
Lab File: BG064037.D  
Acq: 3 Mar 2025 14:18

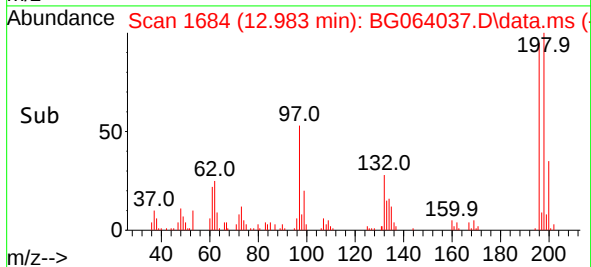
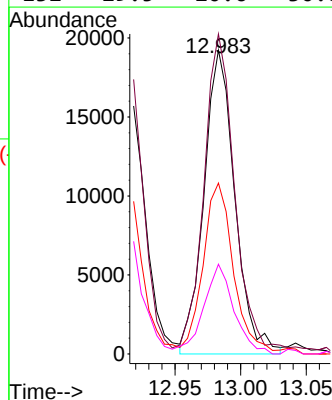
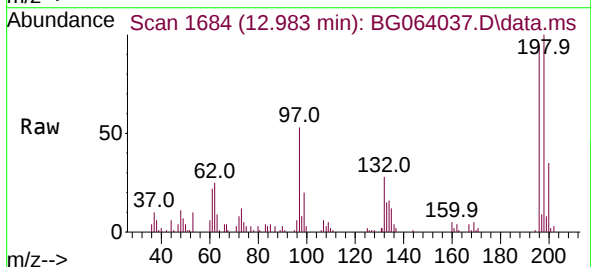
Instrument :  
BNA\_G  
ClientSampleId :

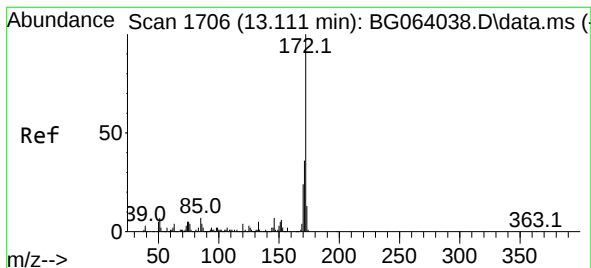
Tgt Ion:196 Resp: 26846  
Ion Ratio Lower Upper  
196 100  
198 110.7 79.9 119.9  
200 29.0 26.3 39.5



#44  
2,4,5-Trichlorophenol  
Concen: 18.825 ng  
RT: 12.983 min Scan# 1684  
Delta R.T. -0.005 min  
Lab File: BG064037.D  
Acq: 3 Mar 2025 14:18

Tgt Ion:196 Resp: 31549  
Ion Ratio Lower Upper  
196 100  
198 105.3 78.2 117.4  
97 56.2 40.7 61.1  
132 29.5 20.6 30.8

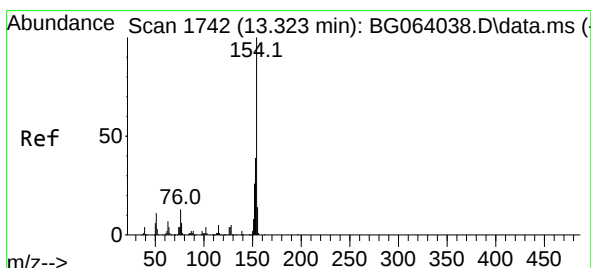
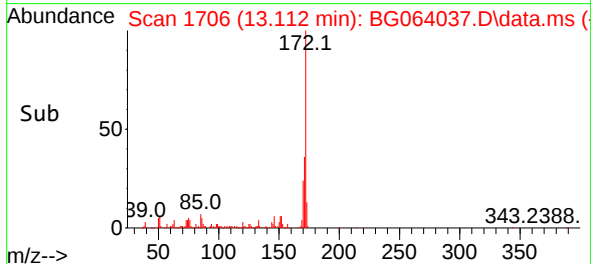
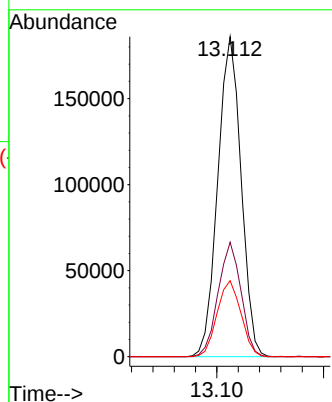
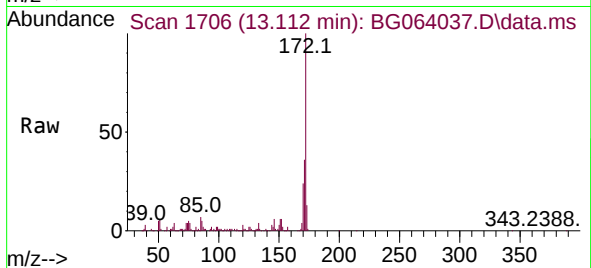




#45  
2-Fluorobiphenyl  
Concen: 41.440 ng  
RT: 13.112 min Scan# 1706  
Delta R.T. 0.001 min  
Lab File: BG064037.D  
Acq: 3 Mar 2025 14:18

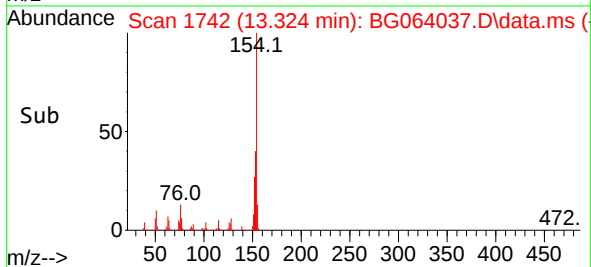
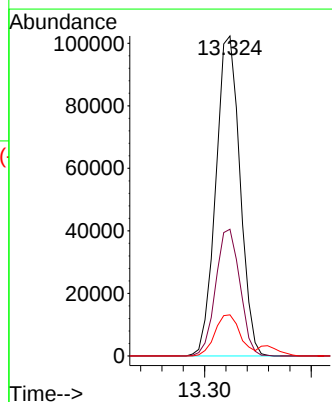
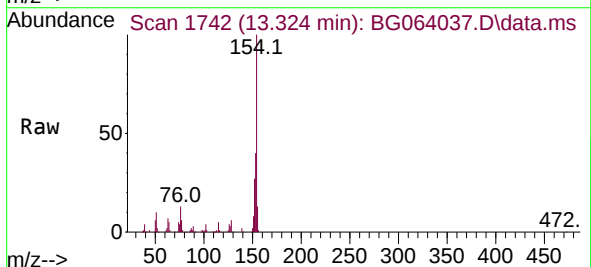
Instrument :  
BNA\_G  
ClientSampleId :

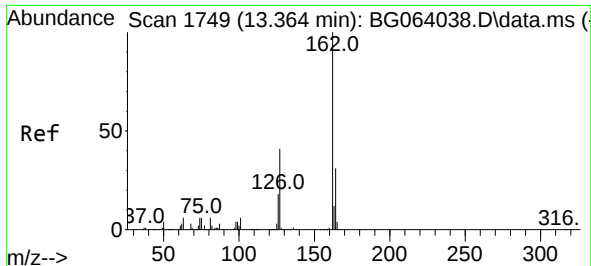
Tgt Ion:172 Resp: 281708  
Ion Ratio Lower Upper  
172 100  
171 35.8 29.0 43.4  
170 23.8 19.5 29.3



#46  
1,1'-Biphenyl  
Concen: 20.381 ng  
RT: 13.324 min Scan# 1742  
Delta R.T. 0.001 min  
Lab File: BG064037.D  
Acq: 3 Mar 2025 14:18

Tgt Ion:154 Resp: 160726  
Ion Ratio Lower Upper  
154 100  
153 39.6 19.0 59.0  
76 12.9 0.0 33.2

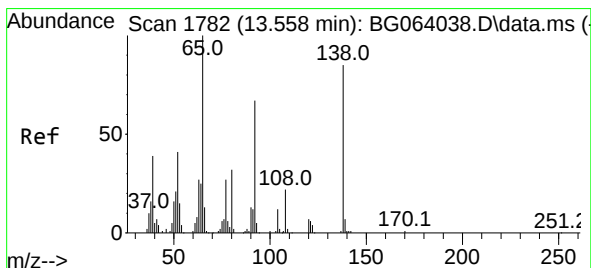
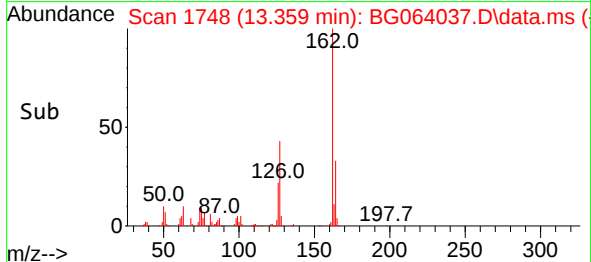
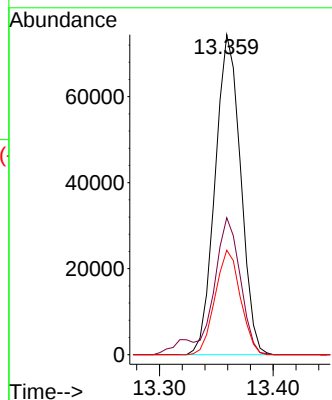
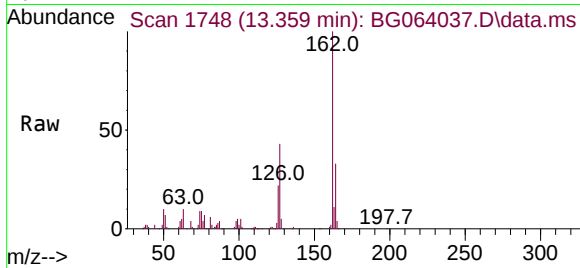




#47  
2-Chloronaphthalene  
Concen: 20.428 ng  
RT: 13.359 min Scan# 11  
Delta R.T. -0.005 min  
Lab File: BG064037.D  
Acq: 3 Mar 2025 14:18

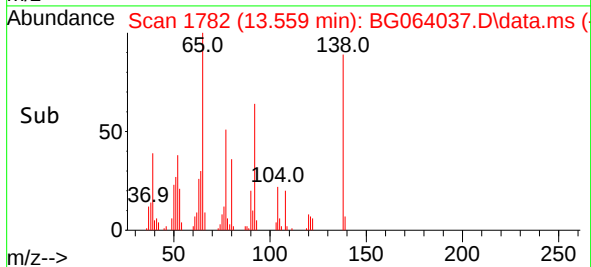
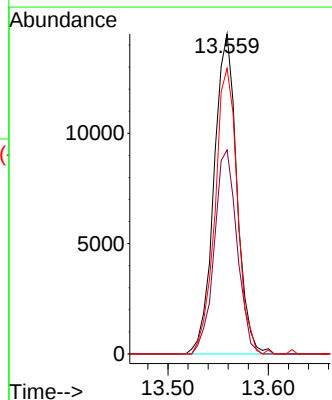
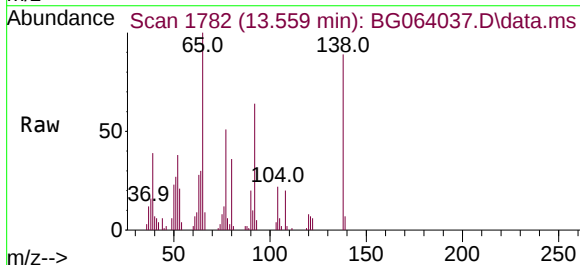
Instrument :  
BNA\_G  
ClientSampleId :

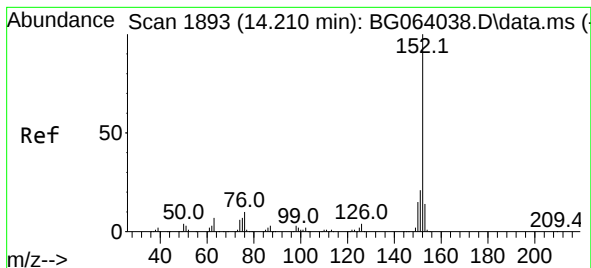
Tgt Ion:162 Resp: 115908  
Ion Ratio Lower Upper  
162 100  
127 42.8 34.5 51.7  
164 32.7 25.2 37.8



#48  
2-Nitroaniline  
Concen: 19.021 ng  
RT: 13.559 min Scan# 1782  
Delta R.T. 0.001 min  
Lab File: BG064037.D  
Acq: 3 Mar 2025 14:18

Tgt Ion: 65 Resp: 22894  
Ion Ratio Lower Upper  
65 100  
92 63.8 53.8 80.6  
138 89.2 68.0 102.0





#49

Acenaphthylene

Concen: 20.418 ng

RT: 14.205 min Scan# 1

Delta R.T. -0.005 min

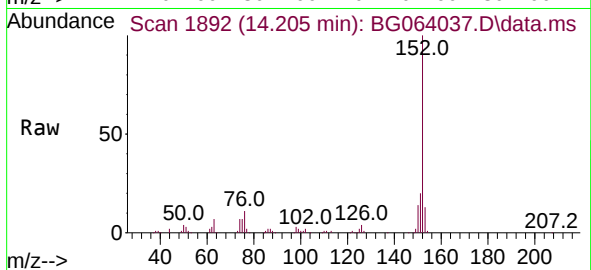
Lab File: BG064037.D

Acq: 3 Mar 2025 14:18

Instrument :

BNA\_G

ClientSampleId :



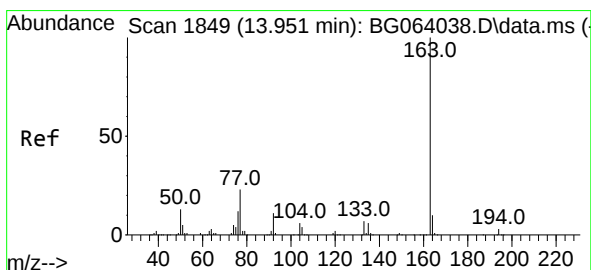
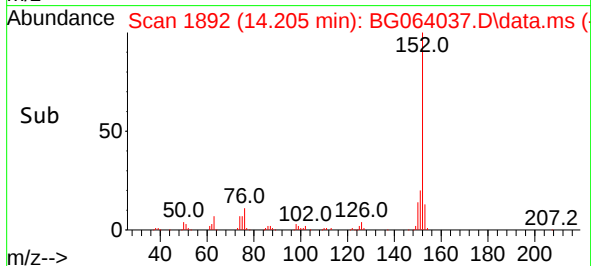
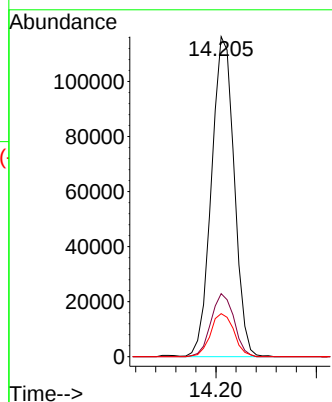
Tgt Ion:152 Resp: 182870

Ion Ratio Lower Upper

152 100

151 19.7 16.6 25.0

153 13.4 11.4 17.0



#50

Dimethylphthalate

Concen: 19.709 ng

RT: 13.947 min Scan# 1848

Delta R.T. -0.005 min

Lab File: BG064037.D

Acq: 3 Mar 2025 14:18

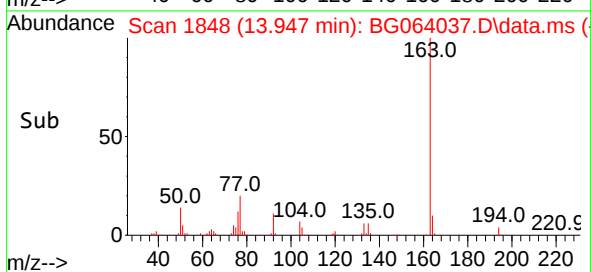
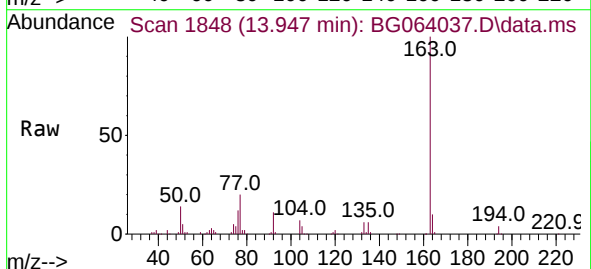
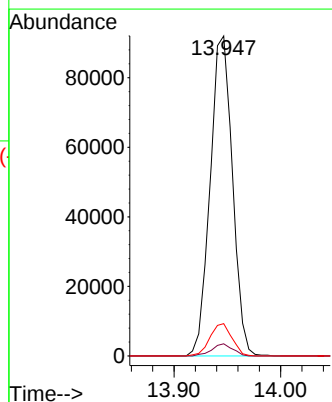
Tgt Ion:163 Resp: 133589

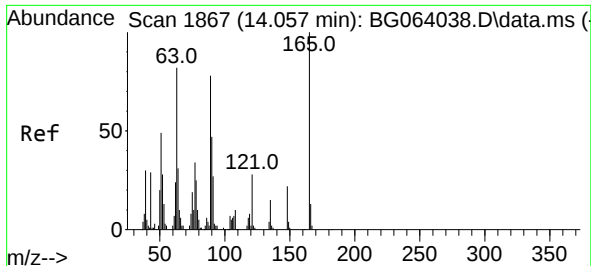
Ion Ratio Lower Upper

163 100

194 3.8 2.6 4.0

164 10.1 7.8 11.6

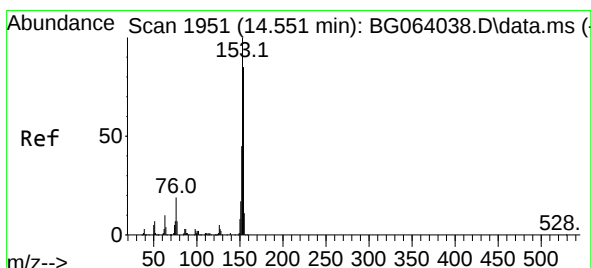
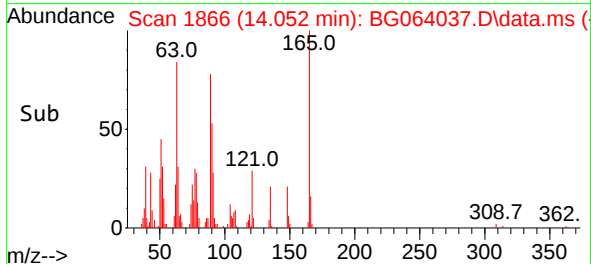
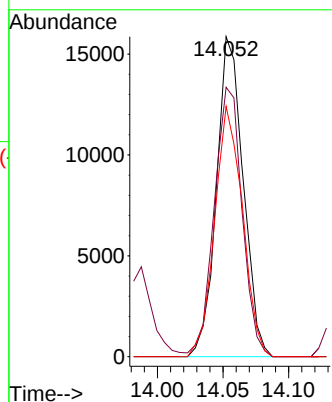
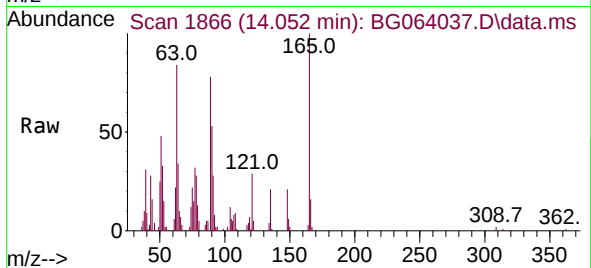




#51  
2,6-Dinitrotoluene  
Concen: 18.312 ng  
RT: 14.052 min Scan# 1866  
Delta R.T. -0.005 min  
Lab File: BG064037.D  
Acq: 3 Mar 2025 14:18

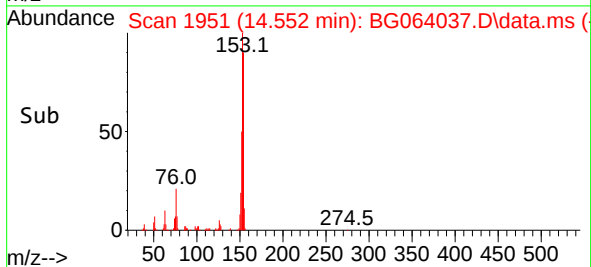
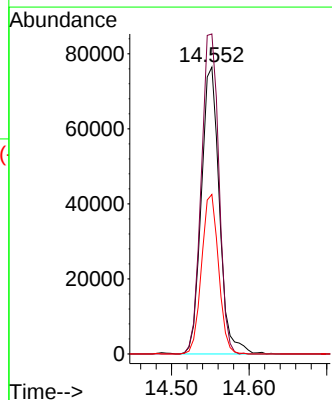
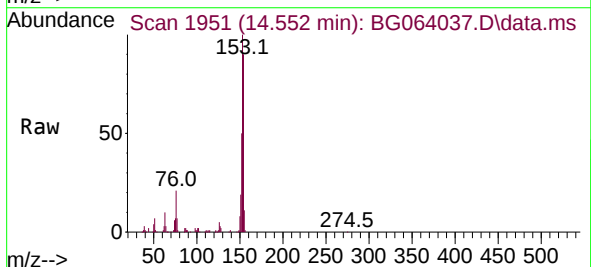
Instrument :  
BNA\_G  
ClientSampleId :

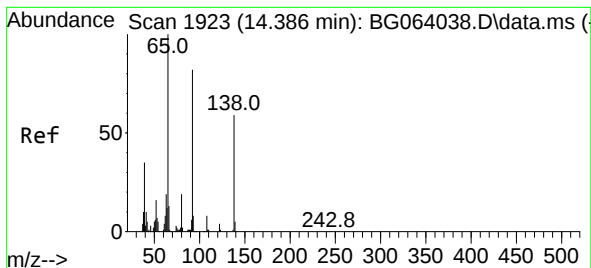
Tgt Ion:165 Resp: 22426  
Ion Ratio Lower Upper  
165 100  
63 84.2 66.7 100.1  
89 78.2 62.6 93.8



#52  
Acenaphthene  
Concen: 20.164 ng  
RT: 14.552 min Scan# 1951  
Delta R.T. 0.001 min  
Lab File: BG064037.D  
Acq: 3 Mar 2025 14:18

Tgt Ion:154 Resp: 123619  
Ion Ratio Lower Upper  
154 100  
153 111.5 93.7 140.5  
152 55.6 42.5 63.7

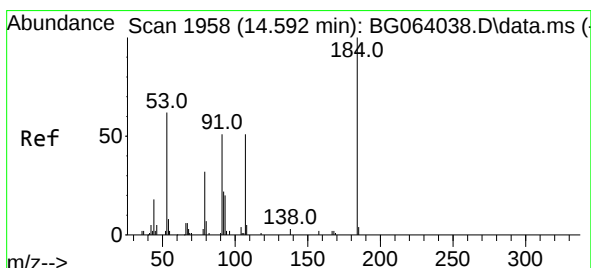
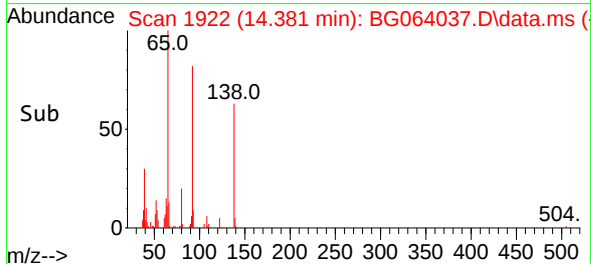
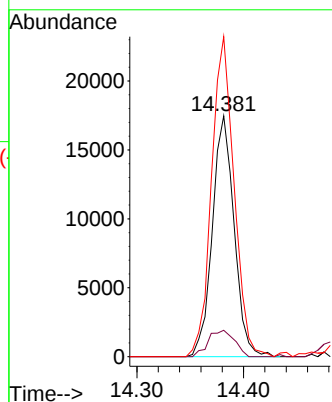
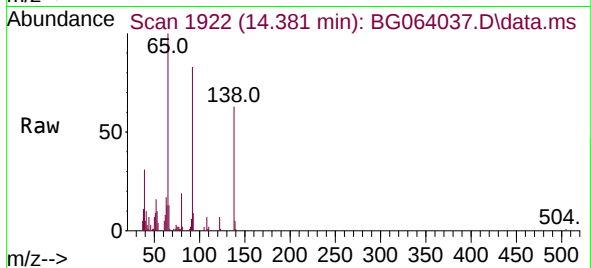




#53  
3-Nitroaniline  
Concen: 19.005 ng  
RT: 14.381 min Scan# 1922  
Delta R.T. -0.005 min  
Lab File: BG064037.D  
Acq: 3 Mar 2025 14:18

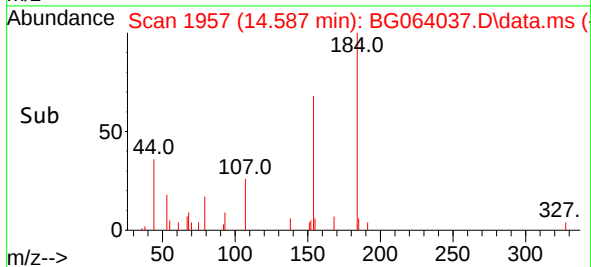
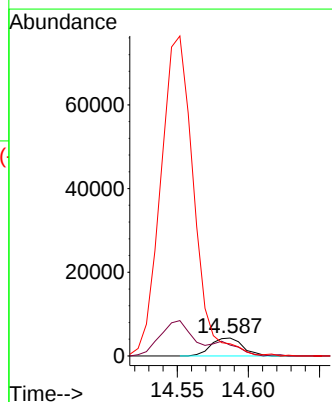
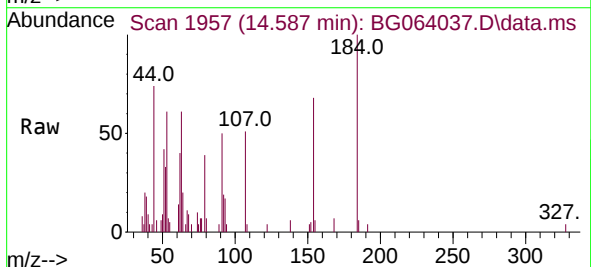
Instrument :  
BNA\_G  
ClientSampleId :

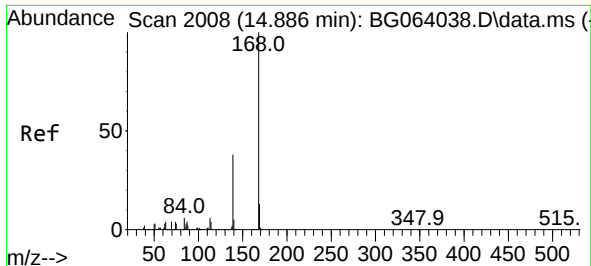
Tgt Ion:138 Resp: 24755  
Ion Ratio Lower Upper  
138 100  
108 11.0 10.7 16.1  
92 132.9 110.8 166.2



#54  
2,4-Dinitrophenol  
Concen: 21.010 ng  
RT: 14.587 min Scan# 1957  
Delta R.T. -0.005 min  
Lab File: BG064037.D  
Acq: 3 Mar 2025 14:18

Tgt Ion:184 Resp: 6656  
Ion Ratio Lower Upper  
184 100  
63 61.1 59.5 89.3  
154 68.0 55.8 83.8

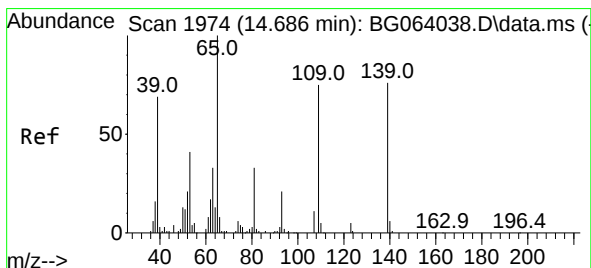
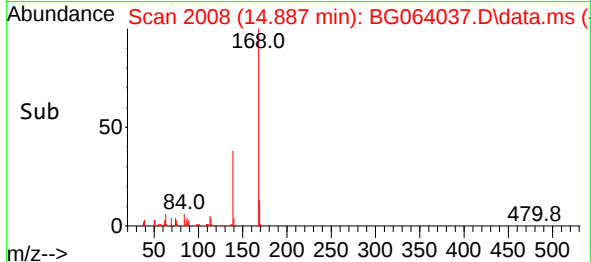
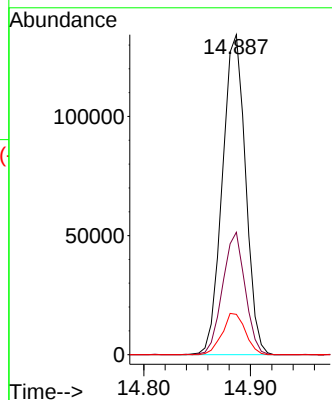
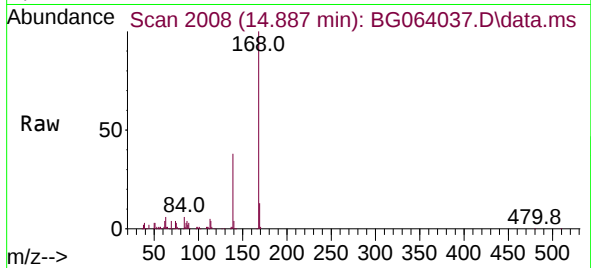




#55  
Dibenzenofuran  
Concen: 20.665 ng  
RT: 14.887 min Scan# 20  
Delta R.T. 0.001 min  
Lab File: BG064037.D  
Acq: 3 Mar 2025 14:18

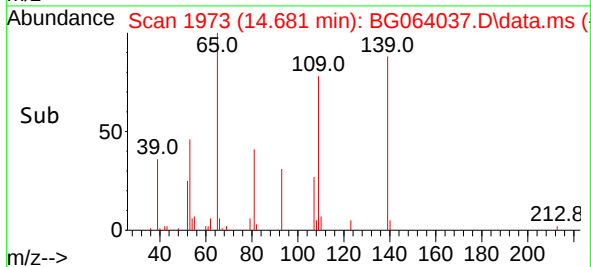
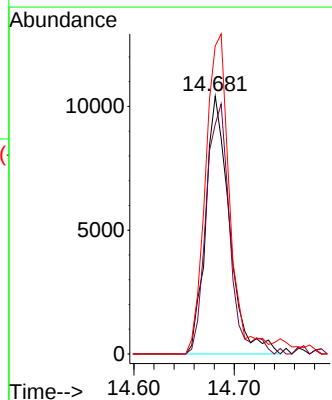
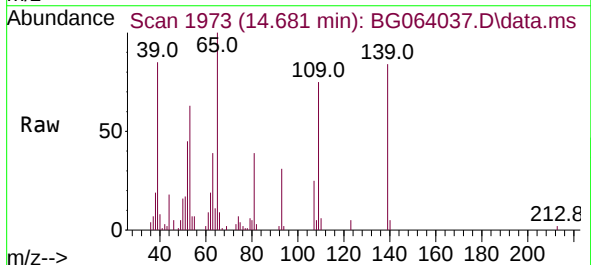
Instrument :  
BNA\_G  
ClientSampleId :

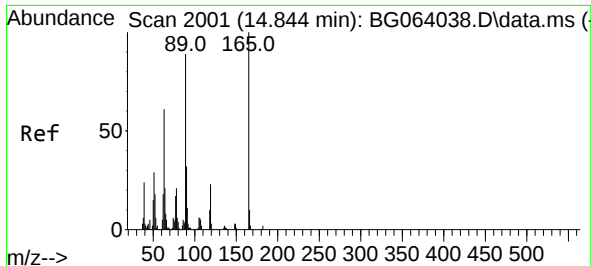
Tgt Ion:168 Resp: 202552  
Ion Ratio Lower Upper  
168 100  
139 38.3 30.6 46.0  
169 12.6 10.5 15.7



#56  
4-Nitrophenol  
Concen: 19.903 ng  
RT: 14.681 min Scan# 1973  
Delta R.T. -0.005 min  
Lab File: BG064037.D  
Acq: 3 Mar 2025 14:18

Tgt Ion:139 Resp: 17178  
Ion Ratio Lower Upper  
139 100  
109 89.0 79.1 119.1  
65 119.5 112.0 152.0

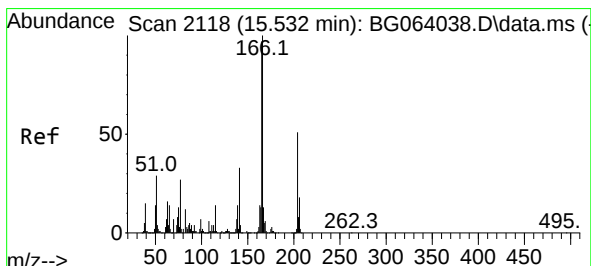
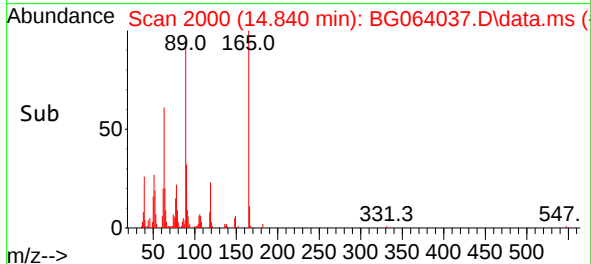
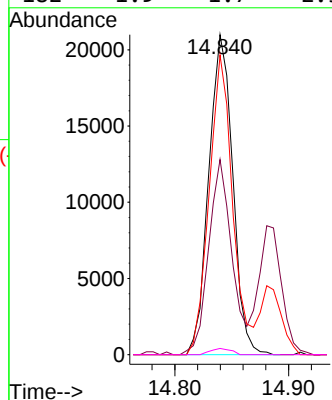
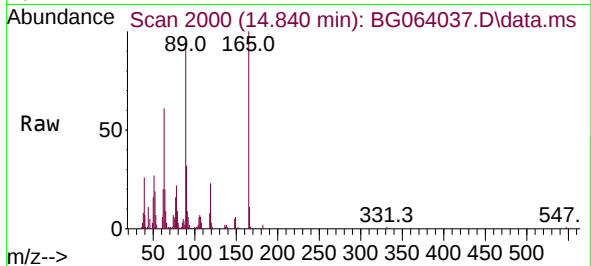




#57  
2,4-Dinitrotoluene  
Concen: 18.746 ng  
RT: 14.840 min Scan# 2001  
Delta R.T. -0.004 min  
Lab File: BG064037.D  
Acq: 3 Mar 2025 14:18

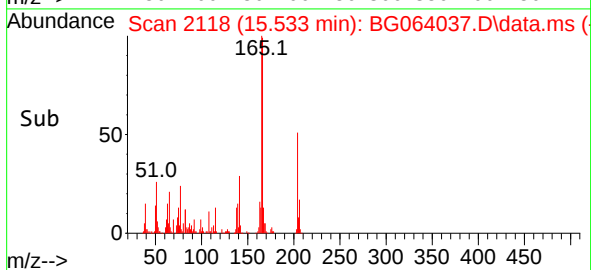
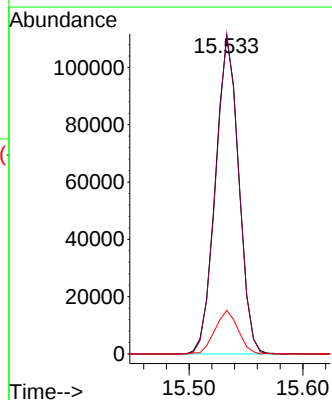
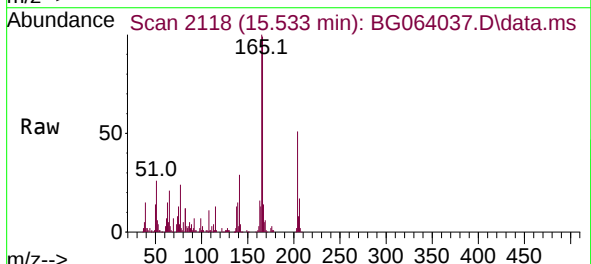
Instrument :  
BNA\_G  
ClientSampleId :

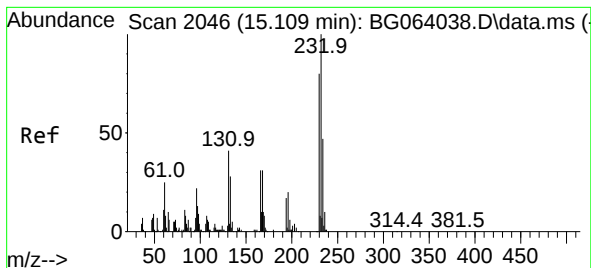
Tgt Ion:165 Resp: 30713  
Ion Ratio Lower Upper  
165 100  
63 61.0 48.4 72.6  
89 93.6 71.3 106.9  
182 1.9 1.7 2.5



#58  
Fluorene  
Concen: 20.871 ng  
RT: 15.533 min Scan# 2118  
Delta R.T. 0.001 min  
Lab File: BG064037.D  
Acq: 3 Mar 2025 14:18

Tgt Ion:166 Resp: 157777  
Ion Ratio Lower Upper  
166 100  
165 101.1 77.3 115.9  
167 13.8 10.5 15.7

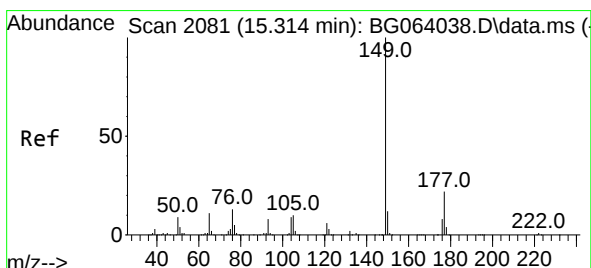
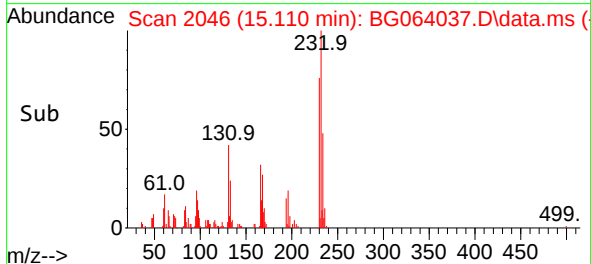
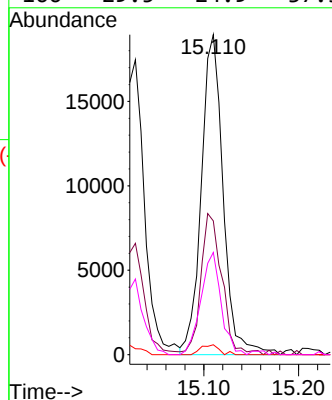
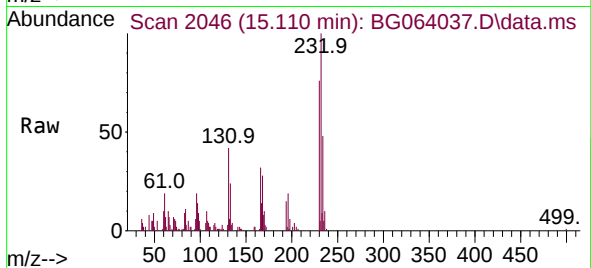




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 19.171 ng  
RT: 15.110 min Scan# 2046  
Delta R.T. 0.001 min  
Lab File: BG064037.D  
Acq: 3 Mar 2025 14:18

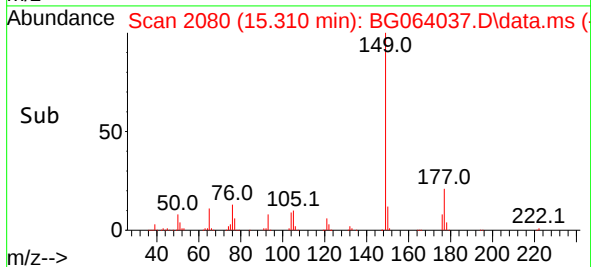
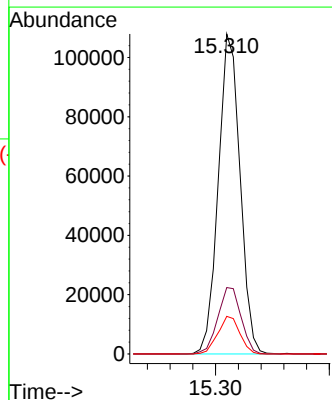
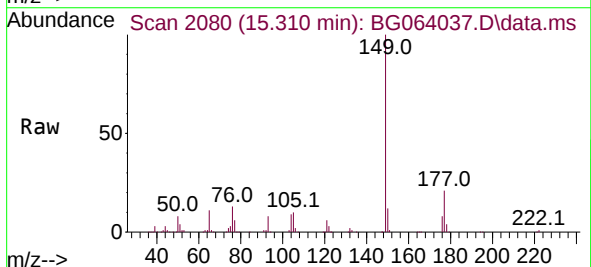
Instrument :  
BNA\_G  
ClientSampleId :

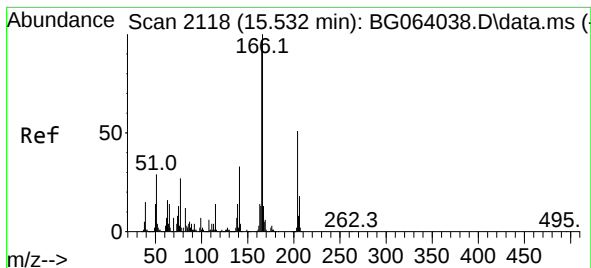
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 232   | Resp: | 30401 |
| Ion Ratio | Lower | Upper |       |
| 232       | 100   |       |       |
| 131       | 42.3  | 34.6  | 51.8  |
| 130       | 2.7   | 2.1   | 3.1   |
| 166       | 29.5  | 24.9  | 37.3  |



#60  
Diethylphthalate  
Concen: 19.988 ng  
RT: 15.310 min Scan# 2080  
Delta R.T. -0.005 min  
Lab File: BG064037.D  
Acq: 3 Mar 2025 14:18

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 143326 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 177       | 20.7  | 18.0  | 27.0   |
| 150       | 11.7  | 9.8   | 14.6   |

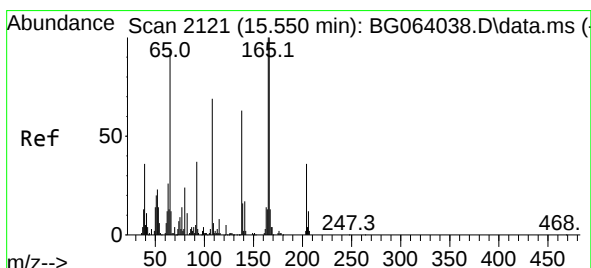
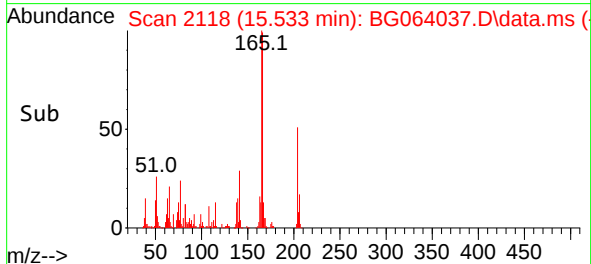
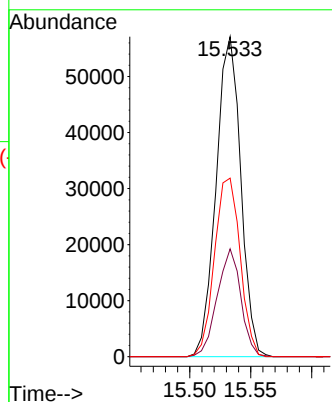
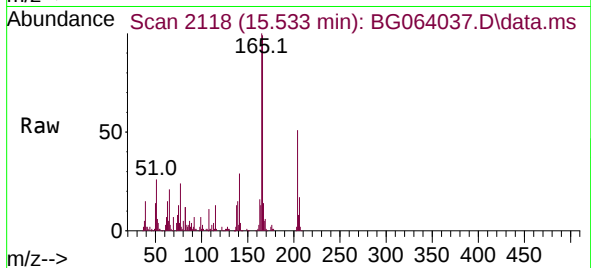




#61  
4-Chlorophenyl-phenylether  
Concen: 21.069 ng  
RT: 15.533 min Scan# 2118  
Delta R.T. 0.001 min  
Lab File: BG064037.D  
Acq: 3 Mar 2025 14:18

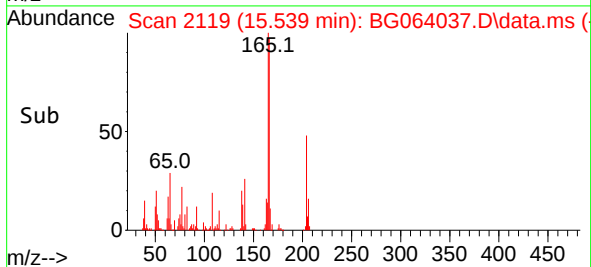
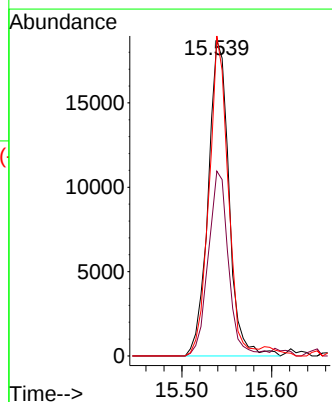
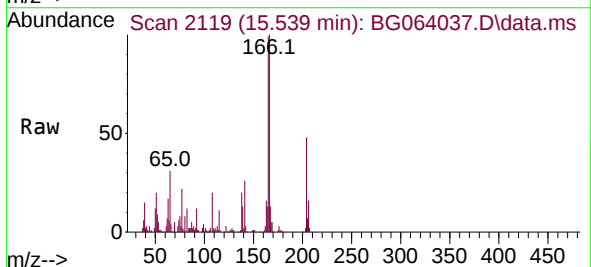
Instrument :  
BNA\_G  
ClientSampleId :

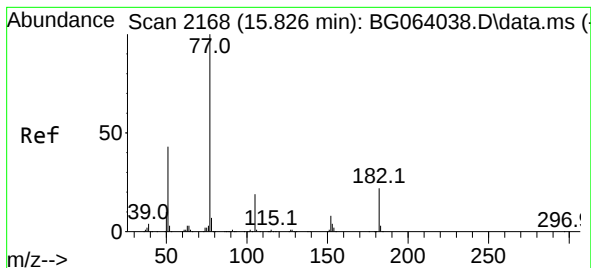
Tgt Ion:204 Resp: 80509  
Ion Ratio Lower Upper  
204 100  
206 33.7 27.8 41.8  
141 55.8 52.2 78.2



#62  
4-Nitroaniline  
Concen: 20.337 ng  
RT: 15.539 min Scan# 2119  
Delta R.T. -0.011 min  
Lab File: BG064037.D  
Acq: 3 Mar 2025 14:18

Tgt Ion:138 Resp: 30000  
Ion Ratio Lower Upper  
138 100  
92 58.5 38.8 78.8  
108 101.4 89.9 129.9





#63

Azobenzene

Concen: 20.717 ng

RT: 15.821 min Scan# 2168

Delta R.T. -0.005 min

Lab File: BG064037.D

Acq: 3 Mar 2025 14:18

Instrument :

BNA\_G

ClientSampleId :

Tgt Ion: 77 Resp: 186001

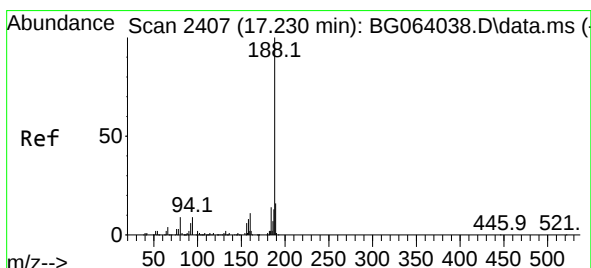
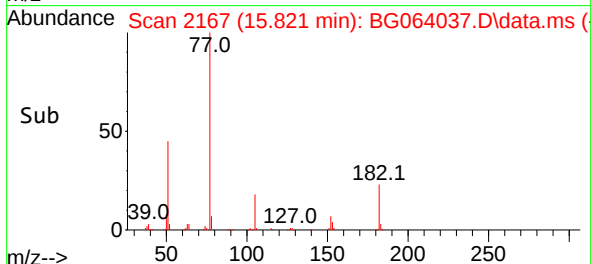
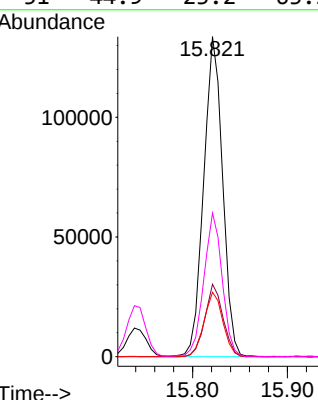
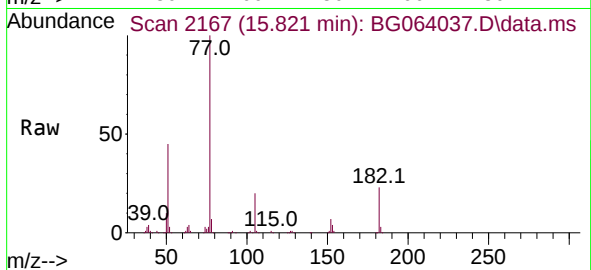
Ion Ratio Lower Upper

77 100

182 22.6 2.1 42.1

105 20.2 0.0 39.1

51 44.9 23.2 63.2



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.225 min Scan# 2406

Delta R.T. -0.005 min

Lab File: BG064037.D

Acq: 3 Mar 2025 14:18

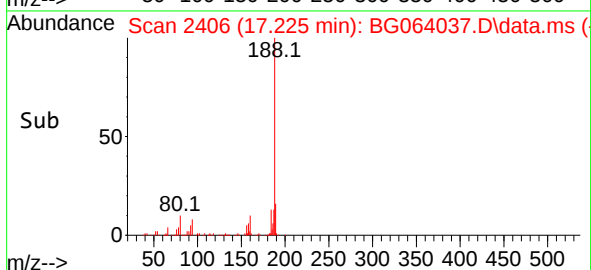
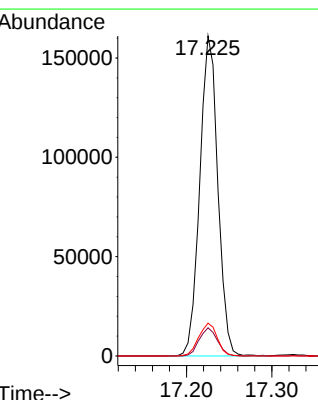
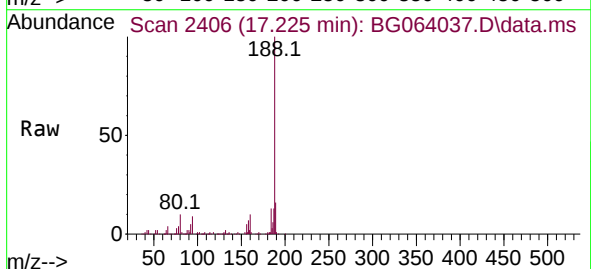
Tgt Ion:188 Resp: 236935

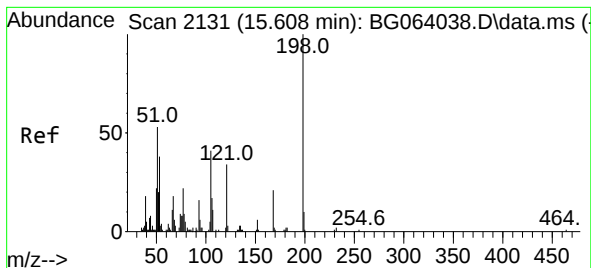
Ion Ratio Lower Upper

188 100

94 8.8 7.0 10.6

80 10.3 7.4 11.2

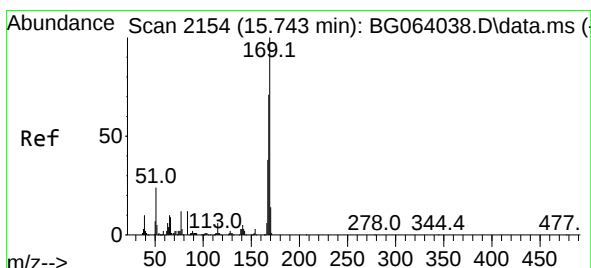
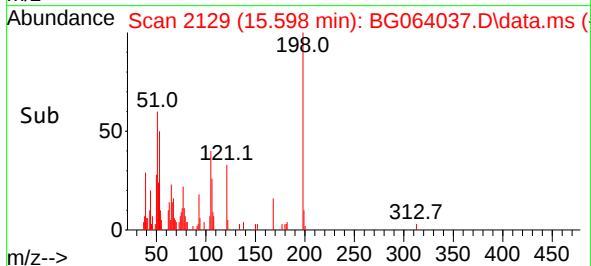
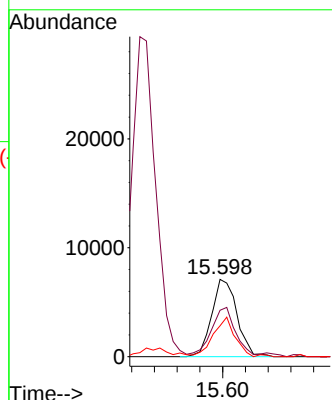
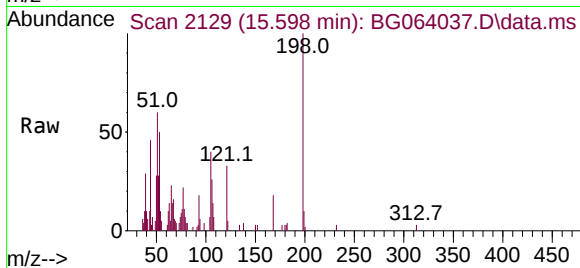




#65  
4,6-Dinitro-2-methylphenol  
Concen: 20.294 ng  
RT: 15.598 min Scan# 2131  
Delta R.T. -0.010 min  
Lab File: BG064037.D  
Acq: 3 Mar 2025 14:18

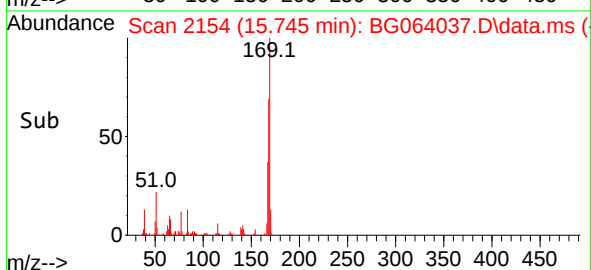
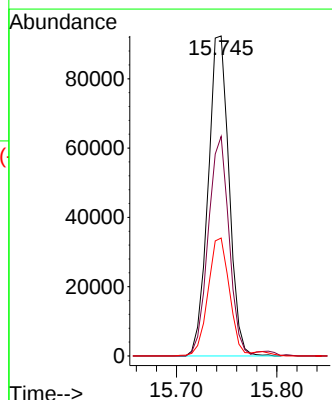
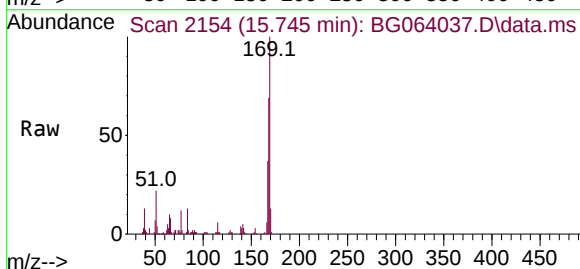
Instrument :  
BNA\_G  
ClientSampleId :

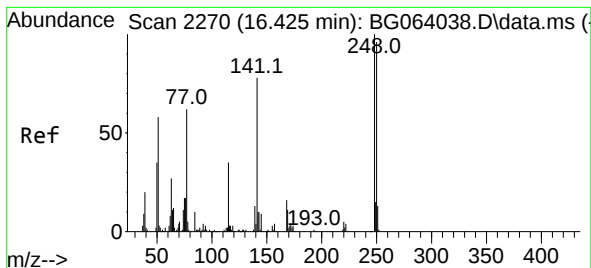
Tgt Ion:198 Resp: 10921  
Ion Ratio Lower Upper  
198 100  
51 59.9 36.6 76.6  
105 39.9 22.7 62.7



#66  
n-Nitrosodiphenylamine  
Concen: 20.363 ng  
RT: 15.745 min Scan# 2154  
Delta R.T. 0.001 min  
Lab File: BG064037.D  
Acq: 3 Mar 2025 14:18

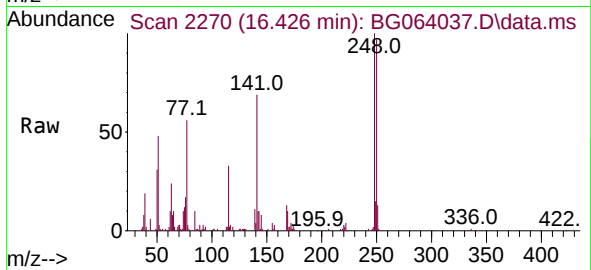
Tgt Ion:169 Resp: 133964  
Ion Ratio Lower Upper  
169 100  
168 68.6 56.6 85.0  
167 36.9 30.7 46.1



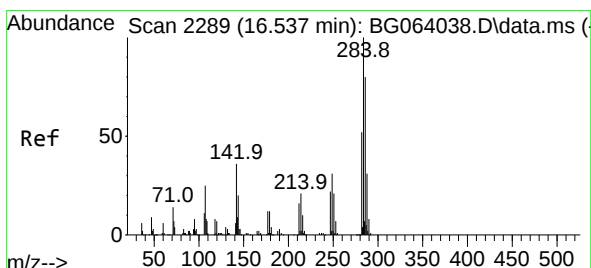
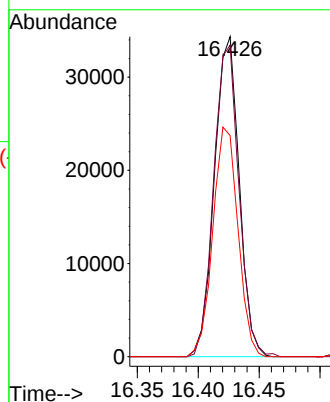
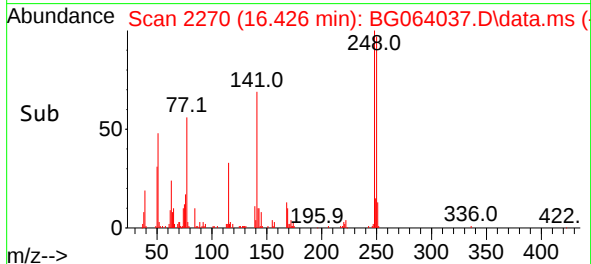


#67  
4-Bromophenyl-phenylether  
Concen: 19.964 ng  
RT: 16.426 min Scan# 211  
Delta R.T. 0.001 min  
Lab File: BG064037.D  
Acq: 3 Mar 2025 14:18

Instrument :  
BNA\_G  
ClientSampleId :

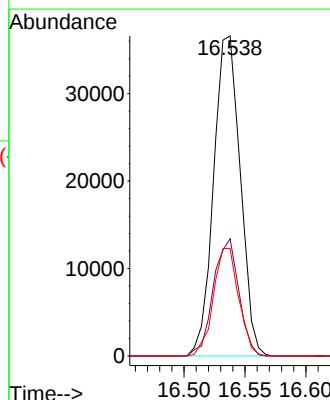
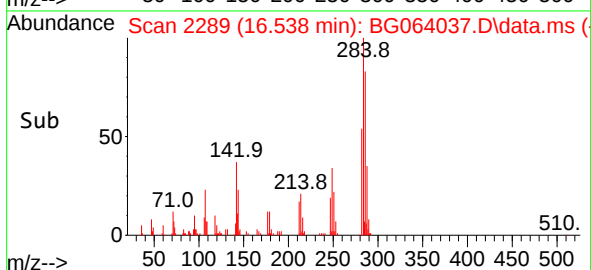
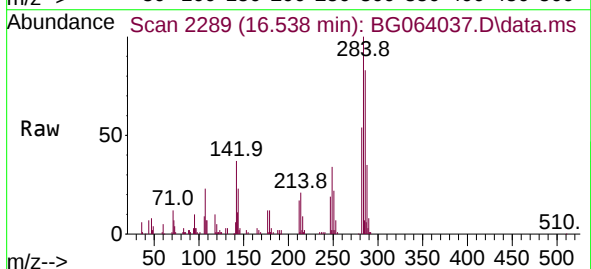


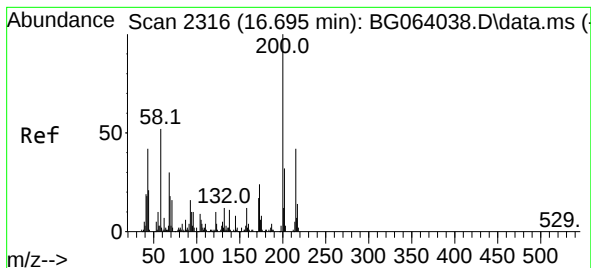
Tgt Ion:248 Resp: 48555  
Ion Ratio Lower Upper  
248 100  
250 97.4 77.2 115.8  
141 69.1 62.2 93.2



#68  
Hexachlorobenzene  
Concen: 20.533 ng  
RT: 16.538 min Scan# 2289  
Delta R.T. 0.001 min  
Lab File: BG064037.D  
Acq: 3 Mar 2025 14:18

Tgt Ion:284 Resp: 55614  
Ion Ratio Lower Upper  
284 100  
142 36.7 29.0 43.6  
249 33.5 24.6 36.8





#69

Atrazine

Concen: 22.952 ng

RT: 16.690 min Scan# 21

Delta R.T. -0.005 min

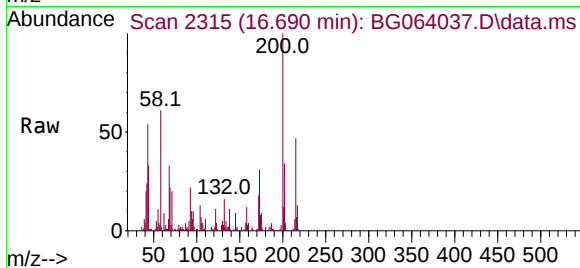
Lab File: BG064037.D

Acq: 3 Mar 2025 14:18

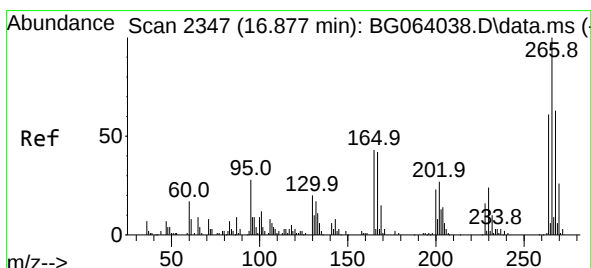
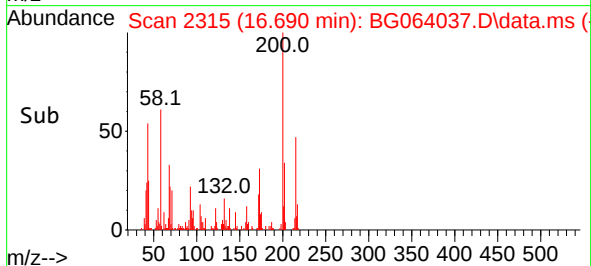
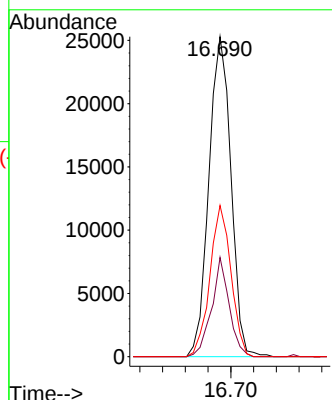
Instrument :

BNA\_G

ClientSampleId :



|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 200   | Resp: | 33980 |
| Ion Ratio | Lower | Upper |       |
| 200       | 100   |       |       |
| 173       | 31.0  | 3.9   | 43.9  |
| 215       | 47.2  | 22.5  | 62.5  |



#70

Pentachlorophenol

Concen: 19.783 ng

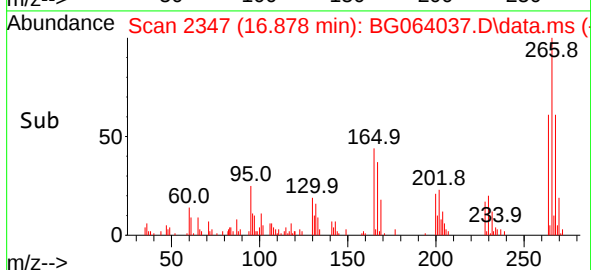
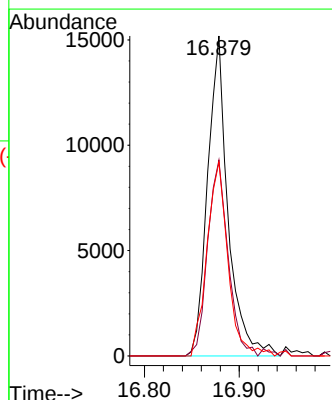
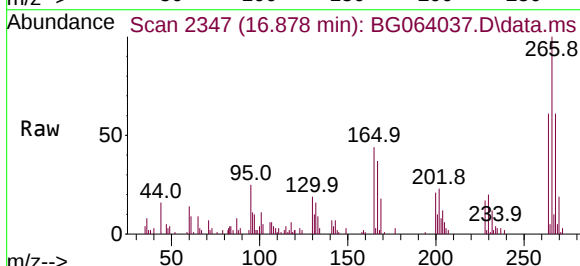
RT: 16.878 min Scan# 2347

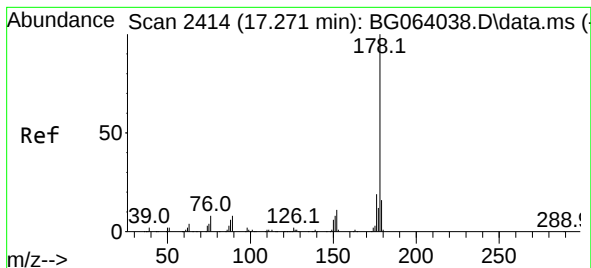
Delta R.T. 0.002 min

Lab File: BG064037.D

Acq: 3 Mar 2025 14:18

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 266   | Resp: | 22668 |
| Ion Ratio | Lower | Upper |       |
| 266       | 100   |       |       |
| 268       | 61.2  | 50.7  | 76.1  |
| 264       | 65.8  | 48.8  | 73.2  |





#71

Phenanthrene

Concen: 20.421 ng

RT: 17.266 min Scan# 2414

Delta R.T. -0.005 min

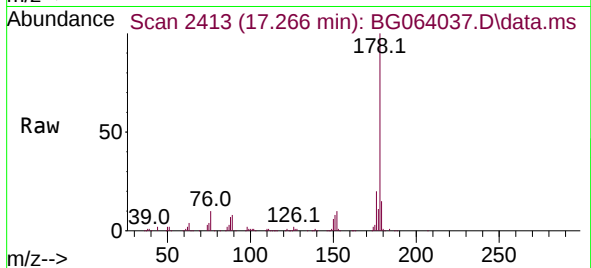
Lab File: BG064037.D

Acq: 3 Mar 2025 14:18

Instrument :

BNA\_G

ClientSampleId :



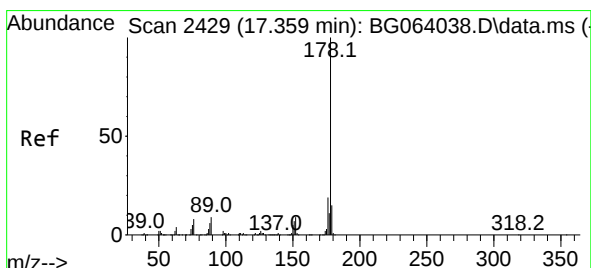
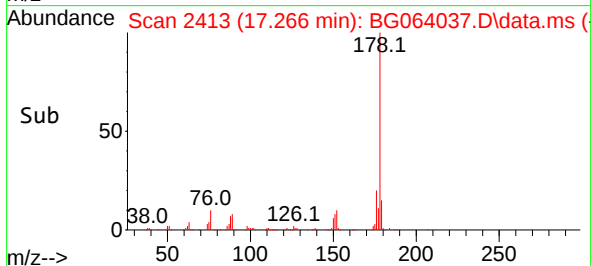
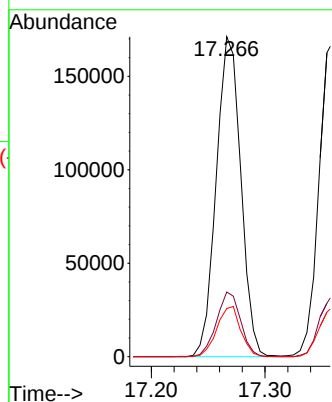
Tgt Ion:178 Resp: 257448

Ion Ratio Lower Upper

178 100

176 20.2 15.5 23.3

179 15.0 12.6 19.0



#72

Anthracene

Concen: 20.409 ng

RT: 17.360 min Scan# 2429

Delta R.T. 0.001 min

Lab File: BG064037.D

Acq: 3 Mar 2025 14:18

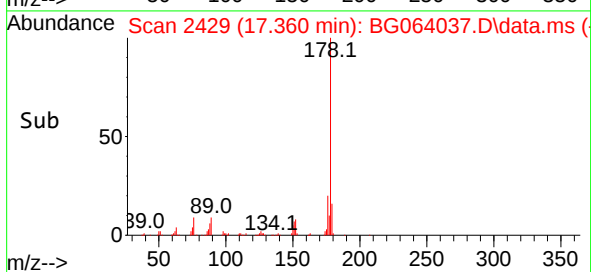
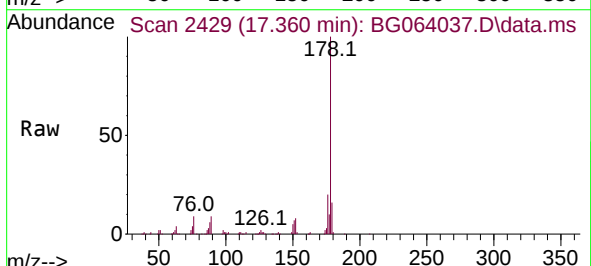
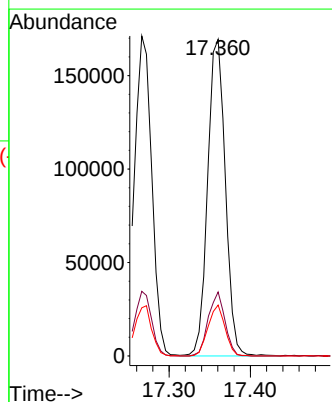
Tgt Ion:178 Resp: 255762

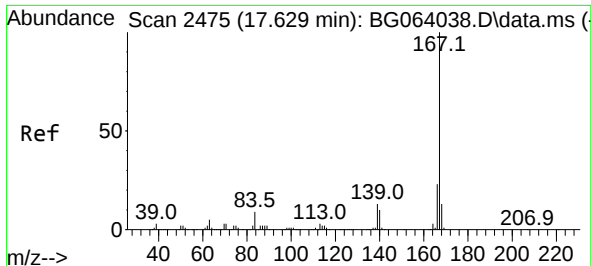
Ion Ratio Lower Upper

178 100

176 20.2 15.4 23.2

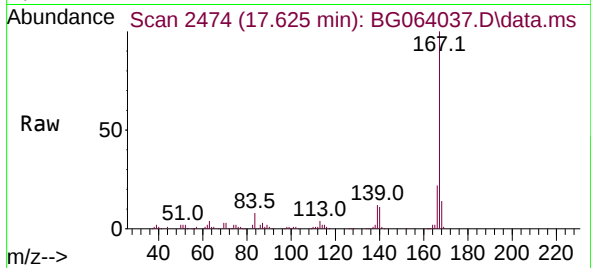
179 16.1 12.1 18.1



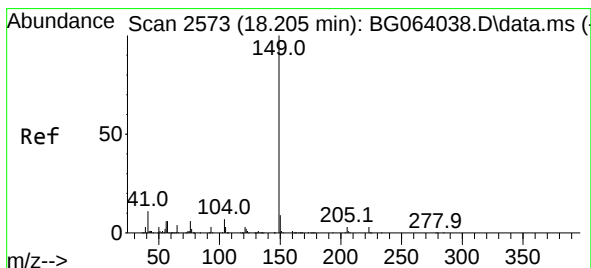
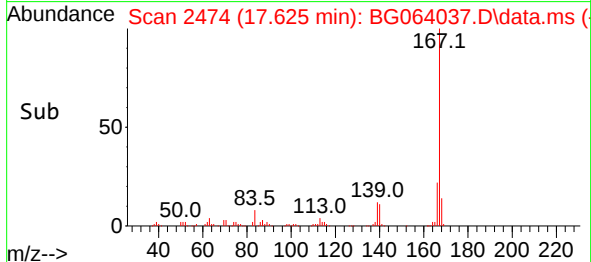
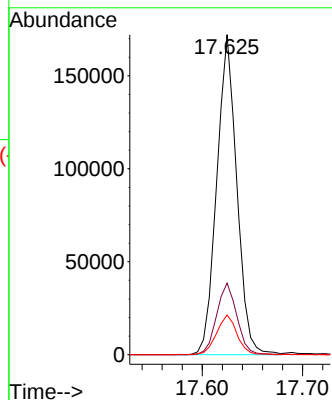


#73  
 Carbazole  
 Concen: 21.414 ng  
 RT: 17.625 min Scan# 2475  
 Delta R.T. -0.005 min  
 Lab File: BG064037.D  
 Acq: 3 Mar 2025 14:18

Instrument :  
 BNA\_G  
 ClientSampleId :

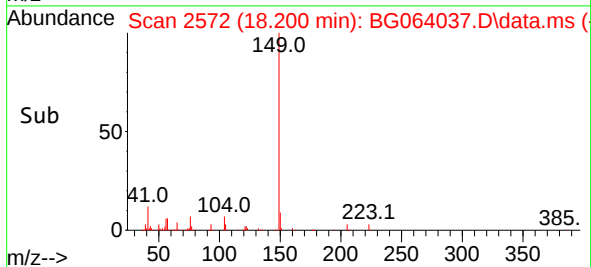
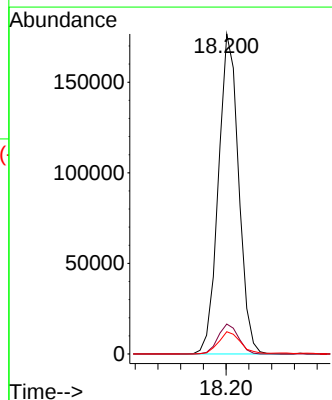
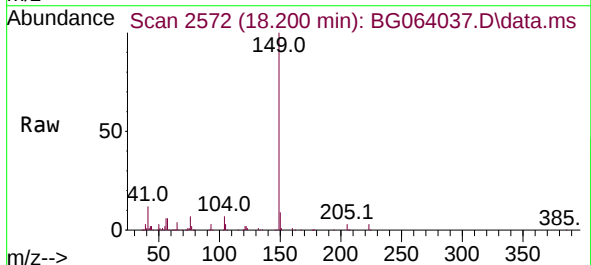


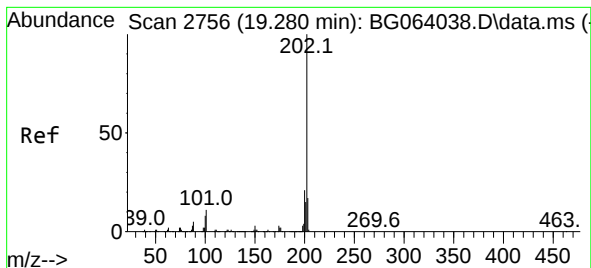
Tgt Ion:167 Resp: 238457  
 Ion Ratio Lower Upper  
 167 100  
 166 22.4 18.4 27.6  
 139 12.4 10.4 15.6



#74  
 Di-n-butylphthalate  
 Concen: 19.459 ng  
 RT: 18.200 min Scan# 2572  
 Delta R.T. -0.005 min  
 Lab File: BG064037.D  
 Acq: 3 Mar 2025 14:18

Tgt Ion:149 Resp: 218435  
 Ion Ratio Lower Upper  
 149 100  
 150 9.4 7.2 10.8  
 104 7.0 5.4 8.2





#75

Fluoranthene

Concen: 21.618 ng

RT: 19.276 min Scan# 21

Delta R.T. -0.005 min

Lab File: BG064037.D

Acq: 3 Mar 2025 14:18

Instrument :

BNA\_G

ClientSampleId :

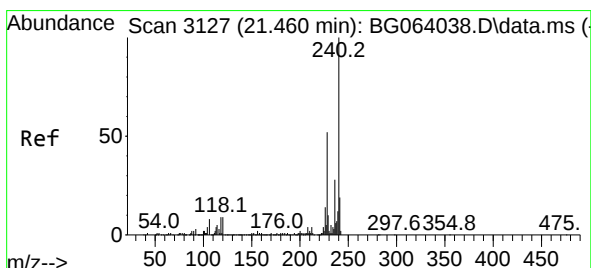
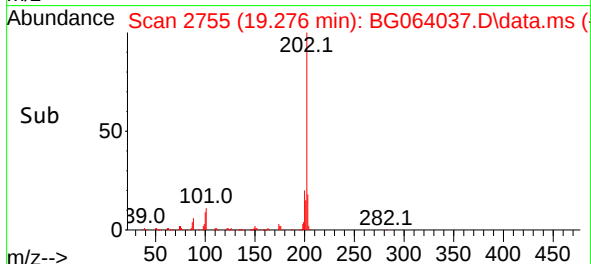
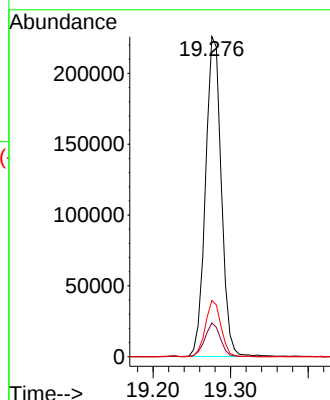
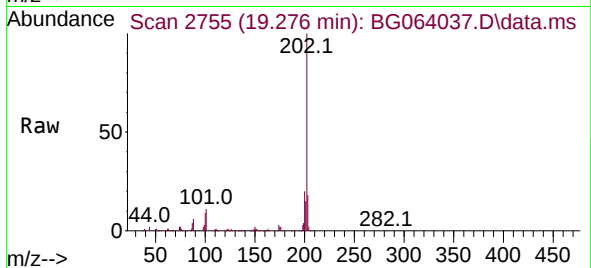
Tgt Ion:202 Resp: 319171

Ion Ratio Lower Upper

202 100

101 10.5 0.0 31.4

203 17.6 0.0 37.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.455 min Scan# 3126

Delta R.T. -0.005 min

Lab File: BG064037.D

Acq: 3 Mar 2025 14:18

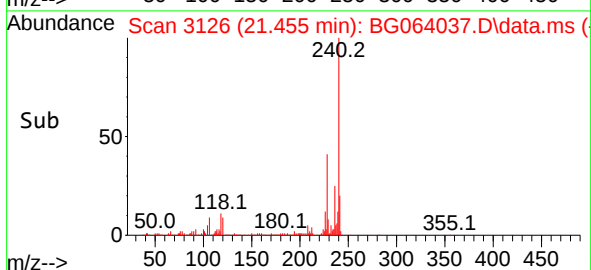
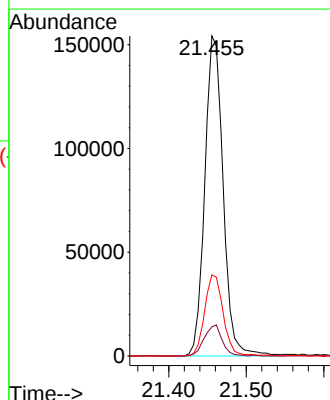
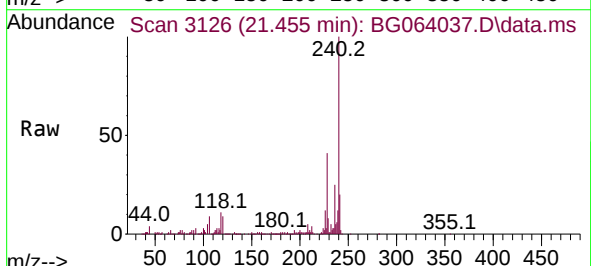
Tgt Ion:240 Resp: 253594

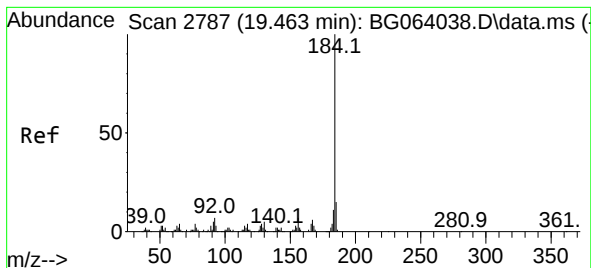
Ion Ratio Lower Upper

240 100

120 9.1 7.4 11.0

236 25.4 22.0 33.0





#77

Benzidine

Concen: 14.833 ng

RT: 19.464 min Scan# 21

Delta R.T. 0.001 min

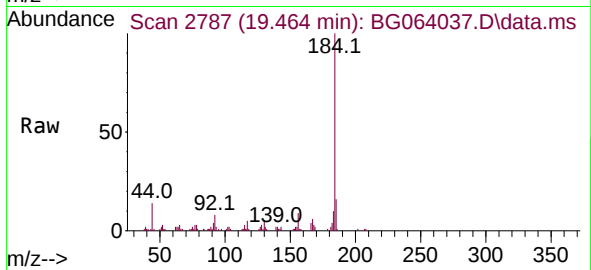
Lab File: BG064037.D

Acq: 3 Mar 2025 14:18

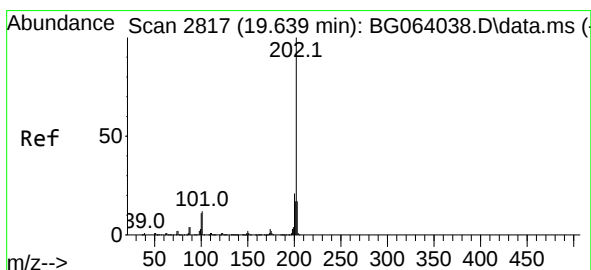
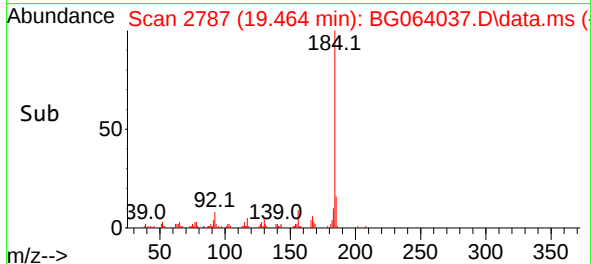
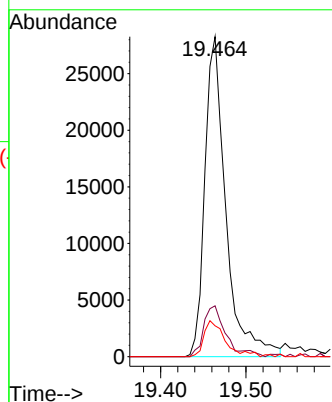
Instrument :

BNA\_G

ClientSampleId :



|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 184   | Resp: | 48408 |
| Ion Ratio | Lower | Upper |       |
| 184       | 100   |       |       |
| 185       | 15.9  | 11.8  | 17.8  |
| 183       | 9.7   | 8.8   | 13.2  |



#78

Pyrene

Concen: 20.670 ng

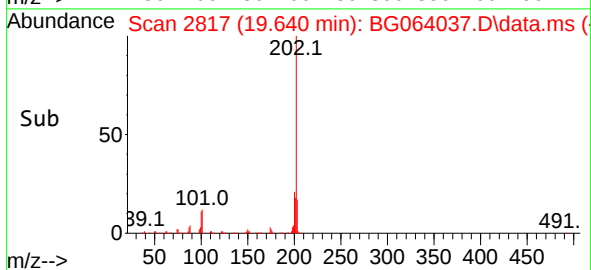
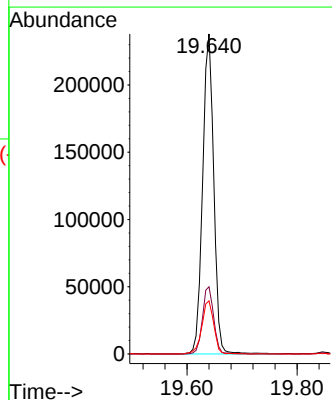
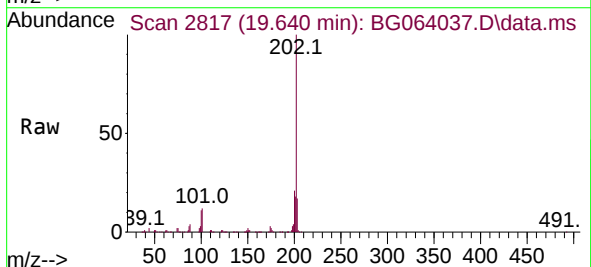
RT: 19.640 min Scan# 2817

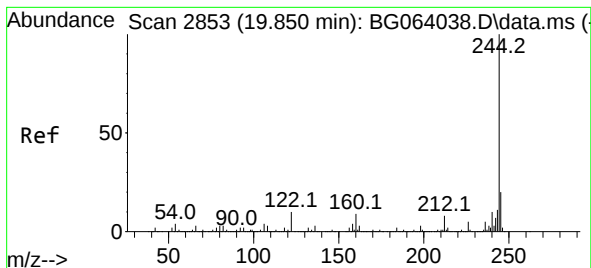
Delta R.T. 0.001 min

Lab File: BG064037.D

Acq: 3 Mar 2025 14:18

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 202   | Resp: | 334475 |
| Ion Ratio | Lower | Upper |        |
| 202       | 100   |       |        |
| 200       | 21.0  | 16.6  | 24.8   |
| 203       | 16.6  | 13.5  | 20.3   |





#79

Terphenyl-d14

Concen: 42.266 ng

RT: 19.846 min Scan# 2852

Delta R.T. -0.005 min

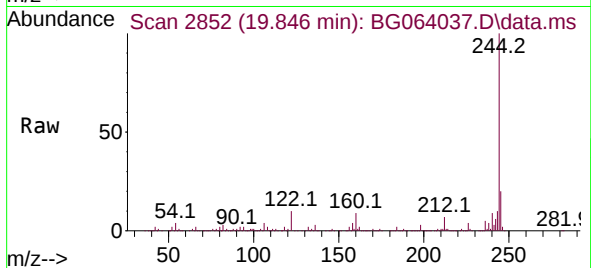
Lab File: BG064037.D

Acq: 3 Mar 2025 14:18

Instrument :

BNA\_G

ClientSampleId :



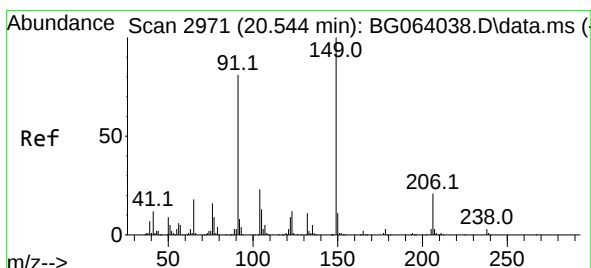
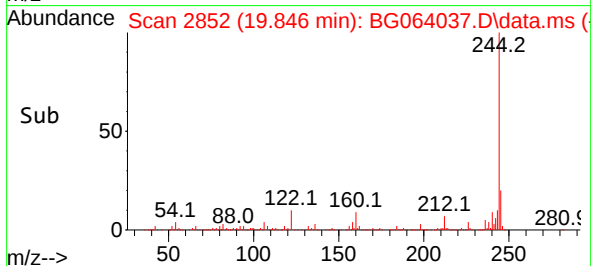
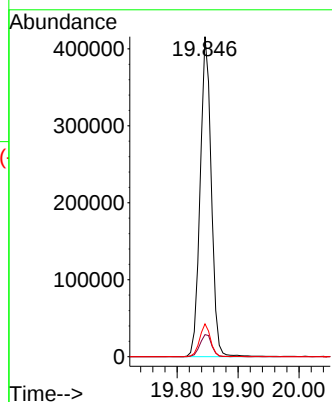
Tgt Ion:244 Resp: 528065

Ion Ratio Lower Upper

244 100

212 6.9 6.3 9.5

122 10.3 8.0 12.0



#80

Butylbenzylphthalate

Concen: 18.136 ng

RT: 20.545 min Scan# 2971

Delta R.T. 0.001 min

Lab File: BG064037.D

Acq: 3 Mar 2025 14:18

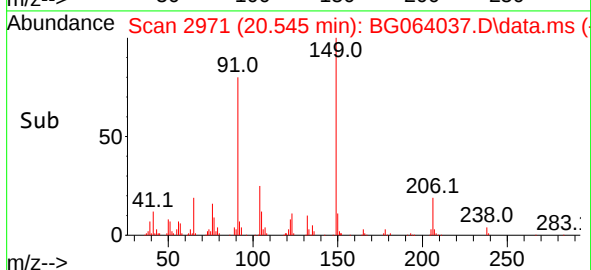
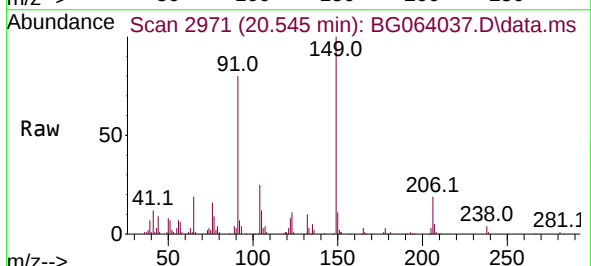
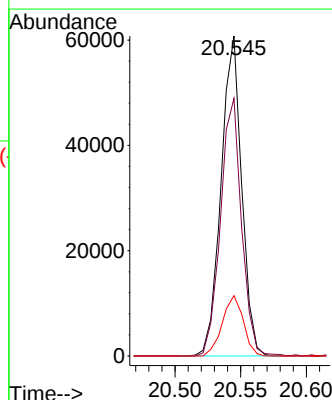
Tgt Ion:149 Resp: 66266

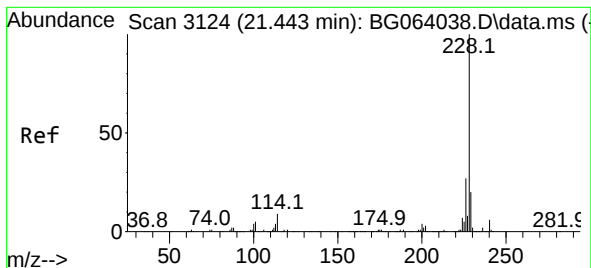
Ion Ratio Lower Upper

149 100

91 80.5 65.0 97.4

206 18.9 16.7 25.1





#81

Benzo(a)anthracene

Concen: 20.635 ng

RT: 21.438 min Scan# 3110

Delta R.T. -0.005 min

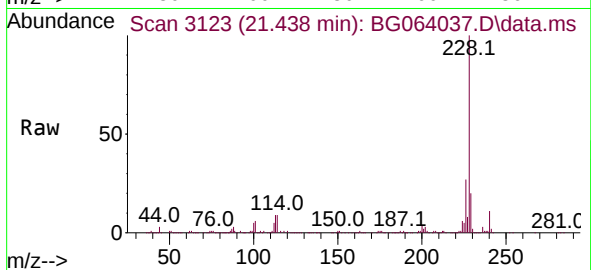
Lab File: BG064037.D

Acq: 3 Mar 2025 14:18

Instrument :

BNA\_G

ClientSampleId :



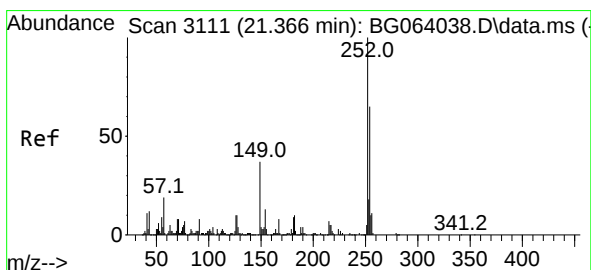
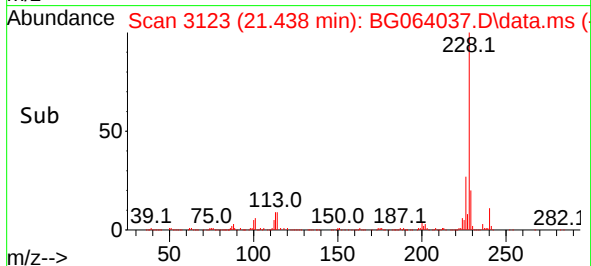
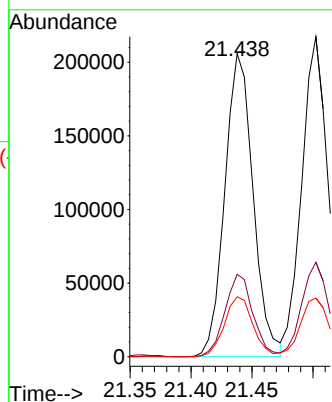
Tgt Ion:228 Resp: 333501

Ion Ratio Lower Upper

228 100

226 27.2 21.8 32.8

229 19.7 15.6 23.4



#82

3,3'-Dichlorobenzidine

Concen: 19.656 ng

RT: 21.361 min Scan# 3110

Delta R.T. -0.005 min

Lab File: BG064037.D

Acq: 3 Mar 2025 14:18

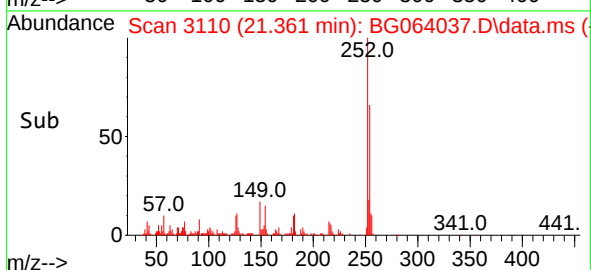
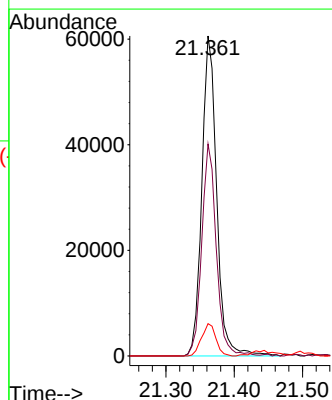
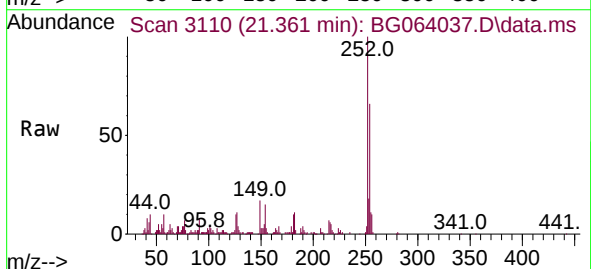
Tgt Ion:252 Resp: 91509

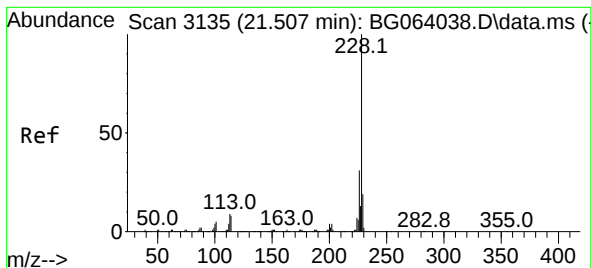
Ion Ratio Lower Upper

252 100

254 66.2 52.1 78.1

126 10.1 7.8 11.6





#83

Chrysene

Concen: 20.604 ng

RT: 21.502 min Scan# 3135

Delta R.T. -0.005 min

Lab File: BG064037.D

Acq: 3 Mar 2025 14:18

Instrument :

BNA\_G

ClientSampleId :

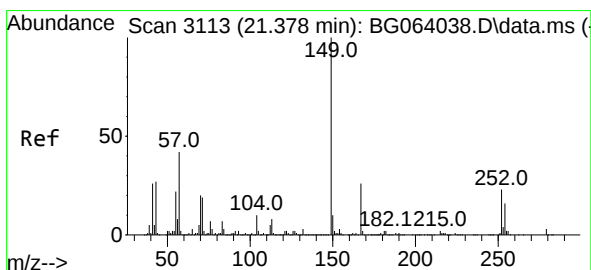
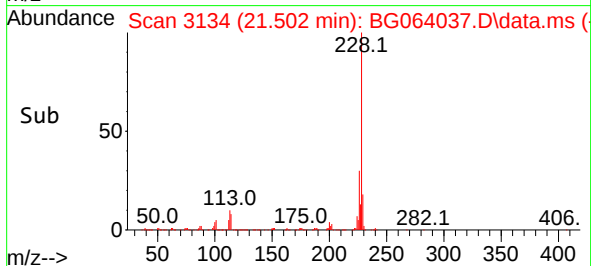
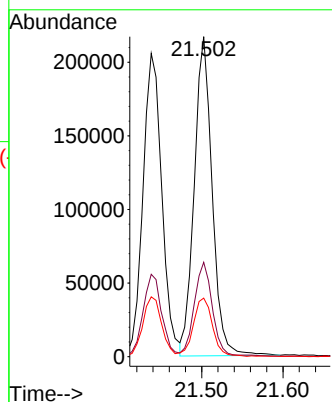
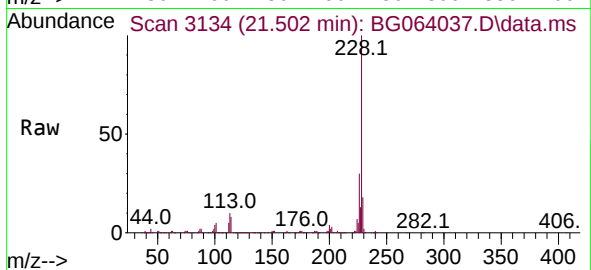
Tgt Ion:228 Resp: 333572

Ion Ratio Lower Upper

228 100

226 29.5 24.6 37.0

229 18.3 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 19.531 ng

RT: 21.379 min Scan# 3113

Delta R.T. 0.001 min

Lab File: BG064037.D

Acq: 3 Mar 2025 14:18

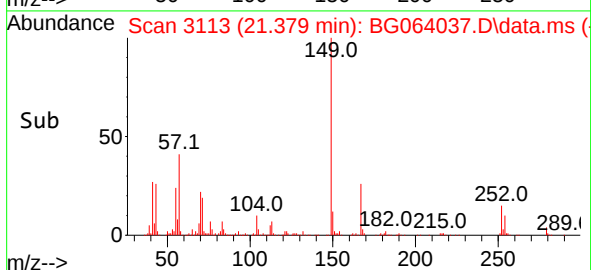
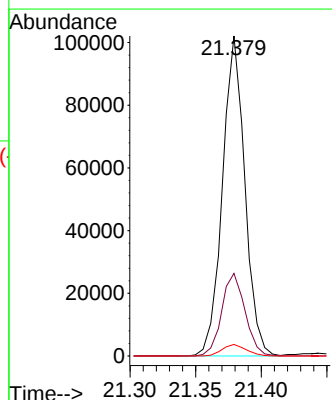
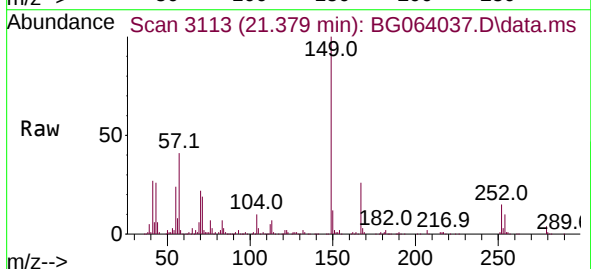
Tgt Ion:149 Resp: 121048

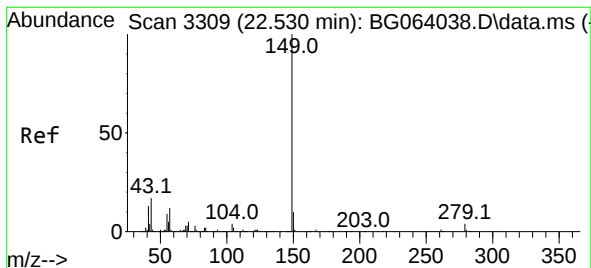
Ion Ratio Lower Upper

149 100

167 25.8 20.4 30.6

279 3.6 2.3 3.5#

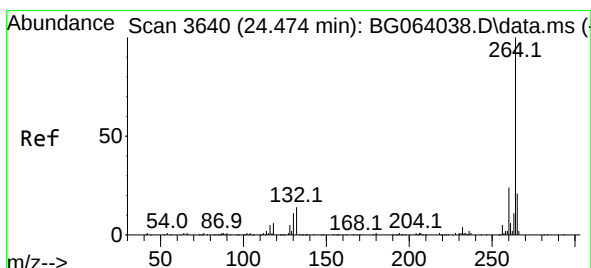
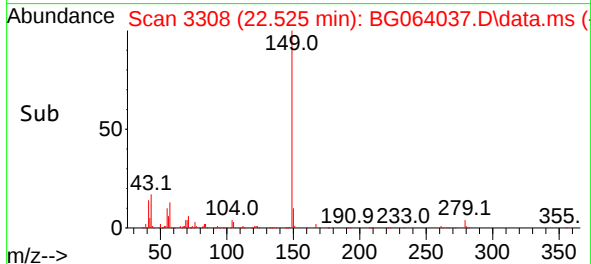
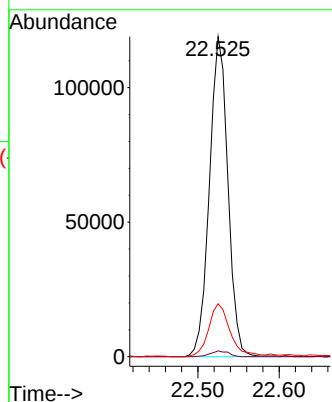
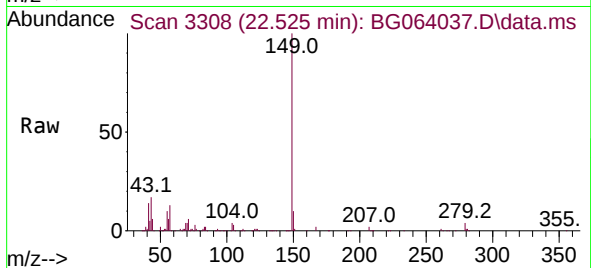




#85  
Di-n-octyl phthalate  
Concen: 20.007 ng  
RT: 22.525 min Scan# 31  
Delta R.T. -0.005 min  
Lab File: BG064037.D  
Acq: 3 Mar 2025 14:18

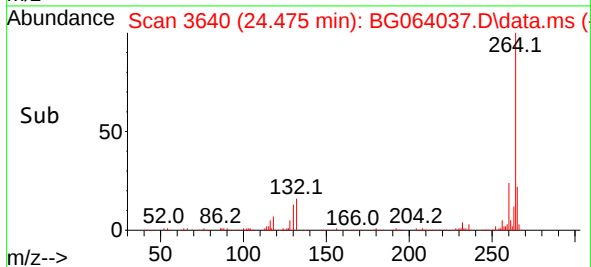
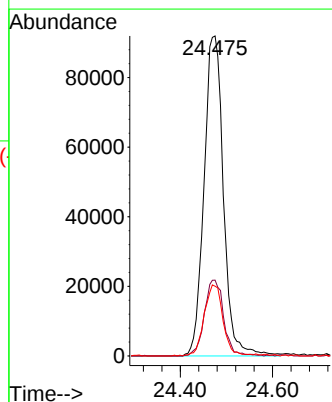
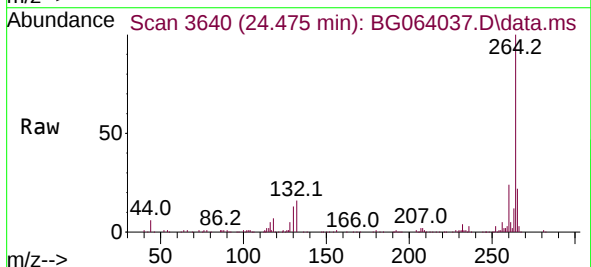
Instrument :  
BNA\_G  
ClientSampleId :

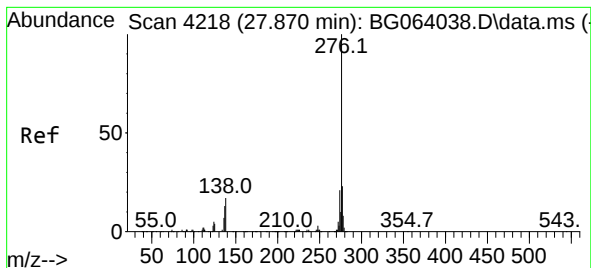
Tgt Ion:149 Resp: 187547  
Ion Ratio Lower Upper  
149 100  
167 1.8 1.2 1.8  
43 19.2 14.1 21.1



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 24.475 min Scan# 3640  
Delta R.T. 0.001 min  
Lab File: BG064037.D  
Acq: 3 Mar 2025 14:18

Tgt Ion:264 Resp: 269578  
Ion Ratio Lower Upper  
264 100  
260 23.7 18.8 28.2  
265 21.8 17.2 25.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 19.898 ng

RT: 27.860 min Scan# 41

Delta R.T. -0.011 min

Lab File: BG064037.D

Acq: 3 Mar 2025 14:18

Instrument :

BNA\_G

ClientSampleId :

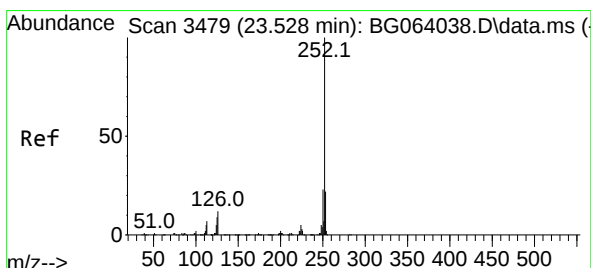
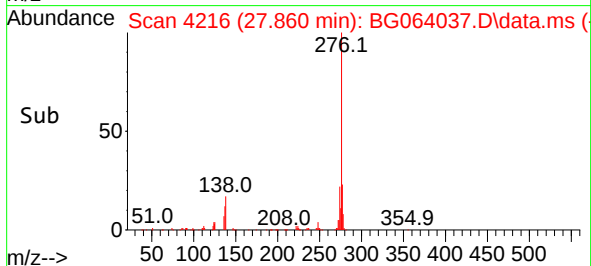
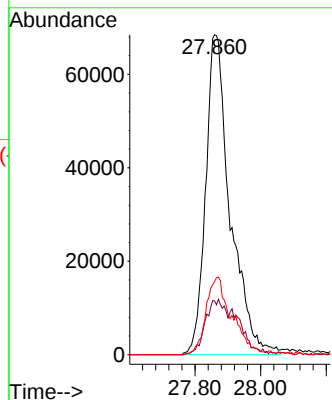
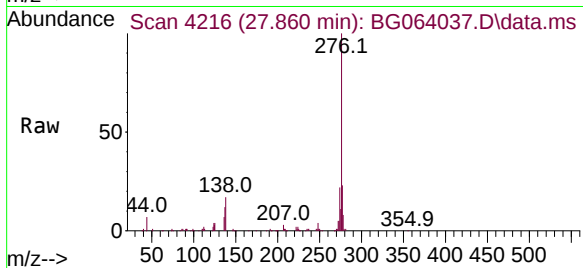
Tgt Ion:276 Resp: 356521

Ion Ratio Lower Upper

276 100

138 14.3 9.8 14.8

277 25.5 19.9 29.9



#88

Benzo(b)fluoranthene

Concen: 20.447 ng

RT: 23.524 min Scan# 3478

Delta R.T. -0.005 min

Lab File: BG064037.D

Acq: 3 Mar 2025 14:18

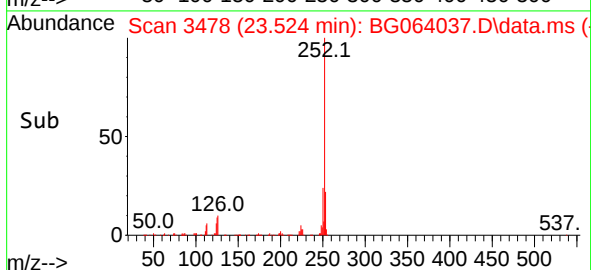
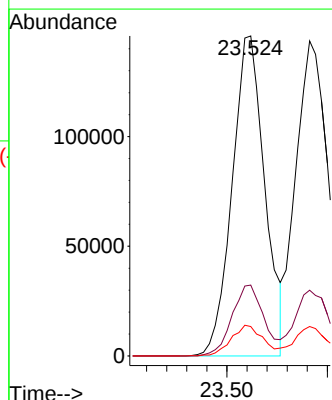
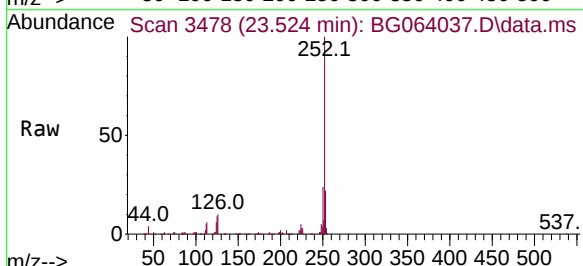
Tgt Ion:252 Resp: 329295

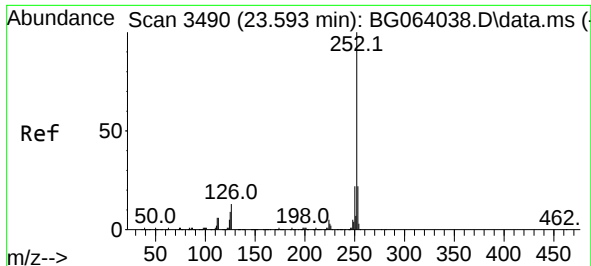
Ion Ratio Lower Upper

252 100

253 22.1 17.3 25.9

125 9.2 7.5 11.3

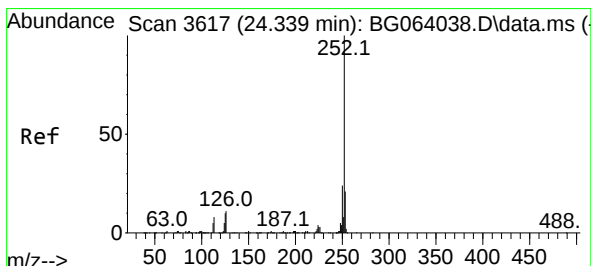
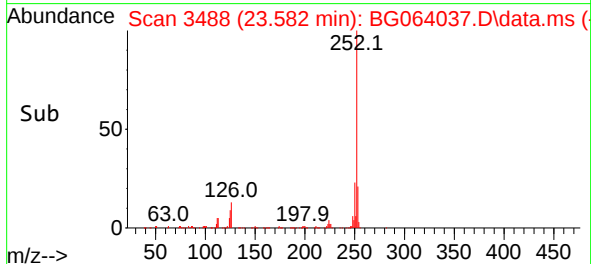
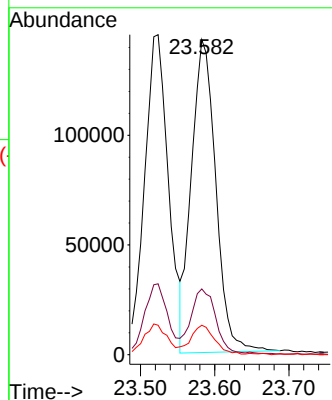
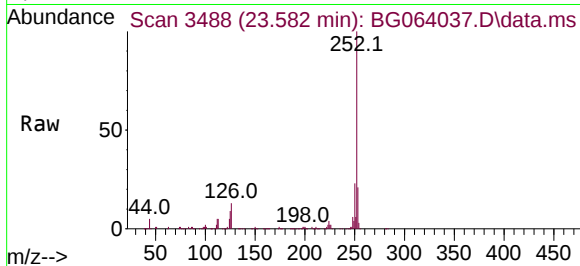




#89  
Benzo(k)fluoranthene  
Concen: 19.859 ng  
RT: 23.582 min Scan# 34  
Delta R.T. -0.011 min  
Lab File: BG064037.D  
Acq: 3 Mar 2025 14:18

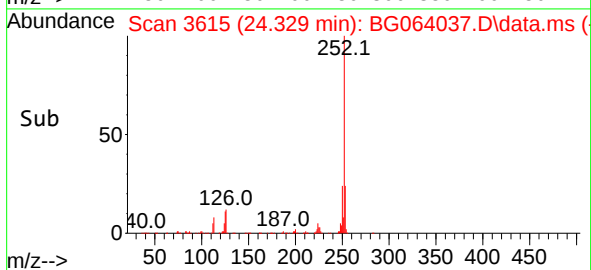
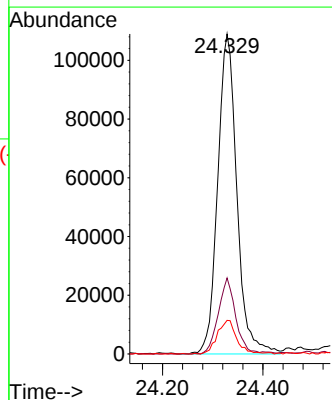
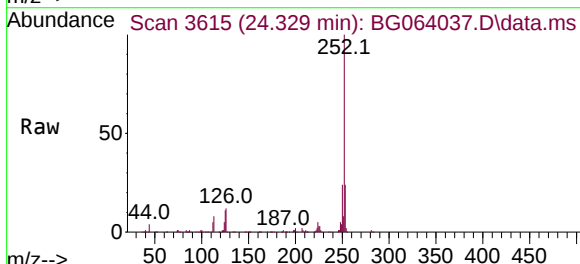
Instrument :  
BNA\_G  
ClientSampleId :

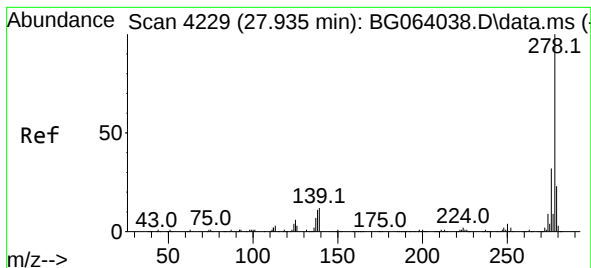
Tgt Ion:252 Resp: 325507  
Ion Ratio Lower Upper  
252 100  
253 20.9 17.5 26.3  
125 9.4 7.4 11.2



#90  
Benzo(a)pyrene  
Concen: 20.116 ng  
RT: 24.329 min Scan# 3615  
Delta R.T. -0.011 min  
Lab File: BG064037.D  
Acq: 3 Mar 2025 14:18

Tgt Ion:252 Resp: 288927  
Ion Ratio Lower Upper  
252 100  
253 23.7 16.5 24.7  
125 10.5 8.3 12.5





#91

Dibenzo(a,h)anthracene

Concen: 20.306 ng

RT: 27.930 min Scan# 41

Delta R.T. -0.005 min

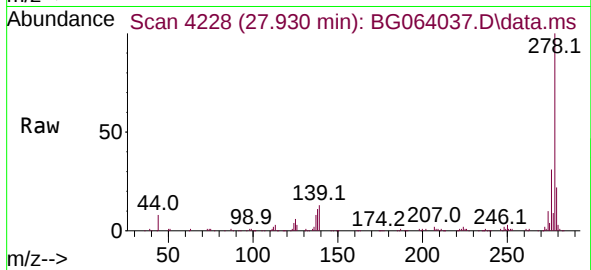
Lab File: BG064037.D

Acq: 3 Mar 2025 14:18

Instrument :

BNA\_G

ClientSampleId :



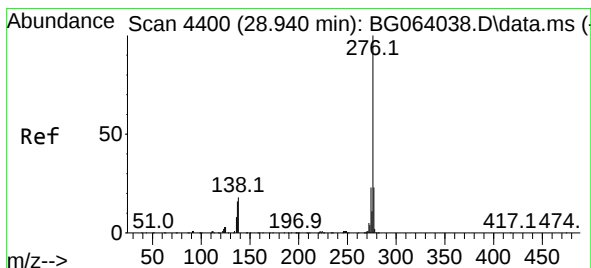
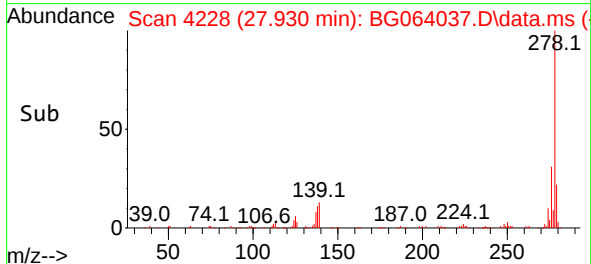
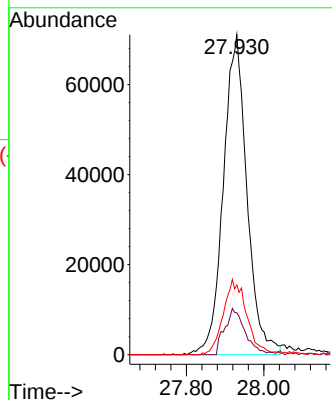
Tgt Ion:278 Resp: 300549

Ion Ratio Lower Upper

278 100

139 13.1 9.7 14.5

279 21.8 18.2 27.2



#92

Benzo(g,h,i)perylene

Concen: 20.417 ng

RT: 28.906 min Scan# 4394

Delta R.T. -0.034 min

Lab File: BG064037.D

Acq: 3 Mar 2025 14:18

Tgt Ion:276 Resp: 314674

Ion Ratio Lower Upper

276 100

277 23.7 18.2 27.4

138 18.7 14.4 21.6

