

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG012425\  
 Data File : BG063958.D  
 Acq On : 24 Jan 2025 15:39  
 Operator : RC/JU  
 Sample : SSTDICC050  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :

Quant Time: Jan 27 15:00:32 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG012425.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jan 27 14:52:53 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.959  | 152  | 80560    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.750 | 136  | 353156   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.575 | 164  | 224351   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.313 | 188  | 495674   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 21.561 | 240  | 522708   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 24.651 | 264  | 535030   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.538  | 112  | 552972   | 94.712  | ng    | 0.00     |
| 7) Phenol-d6                  | 7.113  | 99   | 747370   | 94.775  | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.111  | 82   | 608207   | 102.576 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.055 | 330  | 238190   | 103.939 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.200 | 172  | 1501753  | 94.601  | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.933 | 244  | 2433324  | 93.031  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.476  | 88   | 117266   | 45.299  | ng    | 98       |
| 3) Pyridine                   | 3.858  | 79   | 287271   | 40.498  | ng    | 97       |
| 4) n-Nitrosodimethylamine     | 3.776  | 42   | 191375   | 47.419  | ng    | 97       |
| 6) Aniline                    | 7.283  | 93   | 310427   | 47.500  | ng    | 97       |
| 8) 2-Chlorophenol             | 7.518  | 128  | 287182   | 46.849  | ng    | 98       |
| 9) Benzaldehyde               | 7.095  | 77   | 190658   | 41.008  | ng    | 96       |
| 10) Phenol                    | 7.142  | 94   | 393432   | 47.235  | ng    | 99       |
| 11) bis(2-Chloroethyl)ether   | 7.383  | 93   | 301650   | 46.278  | ng    | 98       |
| 12) 1,3-Dichlorobenzene       | 7.847  | 146  | 312847   | 47.275  | ng    | 99       |
| 13) 1,4-Dichlorobenzene       | 7.988  | 146  | 313581   | 46.754  | ng    | 98       |
| 14) 1,2-Dichlorobenzene       | 8.311  | 146  | 305789   | 46.919  | ng    | 96       |
| 15) Benzyl Alcohol            | 8.188  | 79   | 282338   | 48.243  | ng    | 96       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.482  | 45   | 572469   | 47.520  | ng    | 98       |
| 17) 2-Methylphenol            | 8.388  | 107  | 262595   | 48.424  | ng    | 94       |
| 18) Hexachloroethane          | 9.040  | 117  | 112897   | 48.265  | ng    | 96       |
| 19) n-Nitroso-di-n-propyla... | 8.764  | 70   | 249749   | 46.988  | ng    | 97       |
| 20) 3+4-Methylphenols         | 8.717  | 107  | 352676   | 47.698  | ng    | 98       |
| 22) Acetophenone              | 8.776  | 105  | 477837   | 46.964  | ng    | 99       |
| 24) Nitrobenzene              | 9.152  | 77   | 345566   | 51.640  | ng    | 98       |
| 25) Isophorone                | 9.675  | 82   | 676517   | 47.096  | ng    | 98       |
| 26) 2-Nitrophenol             | 9.857  | 139  | 94693    | 48.424  | ng    | 98       |
| 27) 2,4-Dimethylphenol        | 9.915  | 122  | 199398   | 47.896  | ng    | 98       |
| 28) bis(2-Chloroethoxy)met... | 10.156 | 93   | 420713   | 47.879  | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 10.386 | 162  | 260176   | 49.573  | ng    | 97       |
| 30) 1,2,4-Trichlorobenzene    | 10.609 | 180  | 307632   | 47.621  | ng    | 97       |
| 31) Naphthalene               | 10.797 | 128  | 959584   | 47.321  | ng    | 99       |
| 32) Benzoic acid              | 10.062 | 122  | 174548   | 49.814  | ng    | 92       |
| 33) 4-Chloroaniline           | 10.897 | 127  | 342945   | 47.742  | ng    | 95       |
| 34) Hexachlorobutadiene       | 11.091 | 225  | 199443   | 47.415  | ng    | 98       |
| 35) Caprolactam               | 11.666 | 113  | 99437    | 48.861  | ng    | 96       |
| 36) 4-Chloro-3-methylphenol   | 12.013 | 107  | 330328   | 48.995  | ng    | 96       |
| 37) 2-Methylnaphthalene       | 12.401 | 142  | 662904   | 48.615  | ng    | 98       |
| 38) 1-Methylnaphthalene       | 12.624 | 142  | 657483   | 48.166  | ng    | 96       |
| 40) 1,2,4,5-Tetrachloroben... | 12.765 | 216  | 339323   | 48.612  | ng    | 97       |
| 41) Hexachlorocyclopentadiene | 12.753 | 237  | 76584    | 53.478  | ng    | 91       |
| 43) 2,4,6-Trichlorophenol     | 13.000 | 196  | 217465   | 51.162  | ng    | 98       |

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 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

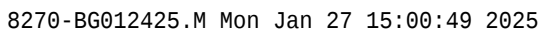
Instrument :  
 BNA\_G  
 ClientSampleId :

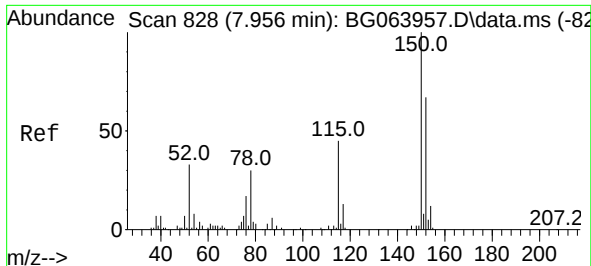
Quant Time: Jan 27 15:00:32 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG012425.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jan 27 14:52:53 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 13.071 | 196  | 245189   | 50.046 | ng    | 97       |
| 46) 1,1'-Biphenyl             | 13.411 | 154  | 873253   | 48.037 | ng    | 100      |
| 47) 2-Chloronaphthalene       | 13.447 | 162  | 675193   | 48.332 | ng    | 98       |
| 48) 2-Nitroaniline            | 13.646 | 65   | 192767   | 47.564 | ng    | 97       |
| 49) Acenaphthylene            | 14.293 | 152  | 960305   | 47.686 | ng    | 98       |
| 50) Dimethylphthalate         | 14.034 | 163  | 811344   | 47.789 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 14.146 | 165  | 152195   | 48.714 | ng    | 94       |
| 52) Acenaphthene              | 14.639 | 154  | 660569   | 47.631 | ng    | 96       |
| 53) 3-Nitroaniline            | 14.469 | 138  | 158955   | 48.344 | ng    | 95       |
| 54) 2,4-Dinitrophenol         | 14.669 | 184  | 35763    | 45.127 | ng    | # 80     |
| 55) Dibenzofuran              | 14.974 | 168  | 1009134  | 47.594 | ng    | 98       |
| 56) 4-Nitrophenol             | 14.769 | 139  | 136084   | 47.039 | ng    | 97       |
| 57) 2,4-Dinitrotoluene        | 14.927 | 165  | 184961   | 46.946 | ng    | 92       |
| 58) Fluorene                  | 15.621 | 166  | 812576   | 47.200 | ng    | 97       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.192 | 232  | 207315   | 50.364 | ng    | 99       |
| 60) Diethylphthalate          | 15.403 | 149  | 860635   | 47.417 | ng    | 97       |
| 61) 4-Chlorophenyl-phenyle... | 15.615 | 204  | 395104   | 46.753 | ng    | 99       |
| 62) 4-Nitroaniline            | 15.632 | 138  | 168890   | 46.663 | ng    | 96       |
| 63) Azobenzene                | 15.908 | 77   | 930449   | 47.664 | ng    | 99       |
| 65) 4,6-Dinitro-2-methylph... | 15.691 | 198  | 61882    | 48.283 | ng    | 96       |
| 66) n-Nitrosodiphenylamine    | 15.826 | 169  | 703258   | 47.864 | ng    | 100      |
| 67) 4-Bromophenyl-phenylether | 16.508 | 248  | 249492   | 48.502 | ng    | 93       |
| 68) Hexachlorobenzene         | 16.619 | 284  | 295316   | 48.495 | ng    | 96       |
| 69) Atrazine                  | 16.772 | 200  | 93389    | 43.984 | ng    | 96       |
| 70) Pentachlorophenol         | 16.960 | 266  | 182212   | 51.091 | ng    | 97       |
| 71) Phenanthrene              | 17.354 | 178  | 1311102  | 47.608 | ng    | 99       |
| 72) Anthracene                | 17.448 | 178  | 1290817  | 47.787 | ng    | 99       |
| 73) Carbazole                 | 17.712 | 167  | 1252650  | 46.725 | ng    | 98       |
| 74) Di-n-butylphthalate       | 18.288 | 149  | 1509217  | 47.838 | ng    | 98       |
| 75) Fluoranthene              | 19.363 | 202  | 1591989  | 46.202 | ng    | 98       |
| 77) Benzidine                 | 19.545 | 184  | 440621   | 48.264 | ng    | 97       |
| 78) Pyrene                    | 19.727 | 202  | 1690868  | 48.347 | ng    | 100      |
| 80) Butylbenzylphthalate      | 20.626 | 149  | 661146   | 51.231 | ng    | 97       |
| 81) Benzo(a)anthracene        | 21.543 | 228  | 1716597  | 47.892 | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine    | 21.461 | 252  | 570739   | 49.337 | ng    | 97       |
| 83) Chrysene                  | 21.608 | 228  | 1650537  | 47.665 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 21.484 | 149  | 1023364  | 49.481 | ng    | 98       |
| 85) Di-n-octyl phthalate      | 22.665 | 149  | 1717022  | 50.532 | ng    | 100      |
| 87) Indeno(1,2,3-cd)pyrene    | 28.165 | 276  | 1830009  | 48.924 | ng    | 100      |
| 88) Benzo(b)fluoranthene      | 23.682 | 252  | 1671559  | 48.458 | ng    | 100      |
| 89) Benzo(k)fluoranthene      | 23.746 | 252  | 1667965  | 48.661 | ng    | 98       |
| 90) Benzo(a)pyrene            | 24.510 | 252  | 1475313  | 48.738 | ng    | 97       |
| 91) Dibenzo(a,h)anthracene    | 28.229 | 278  | 1533758  | 49.204 | ng    | 99       |
| 92) Benzo(g,h,i)perylene      | 29.252 | 276  | 1533587  | 49.049 | ng    | 99       |

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

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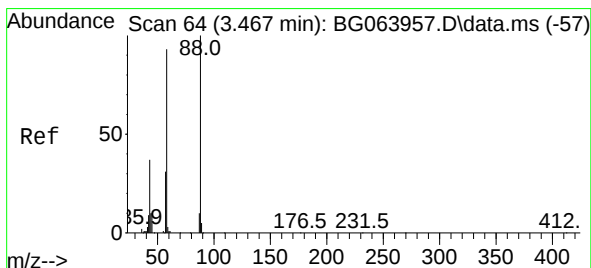
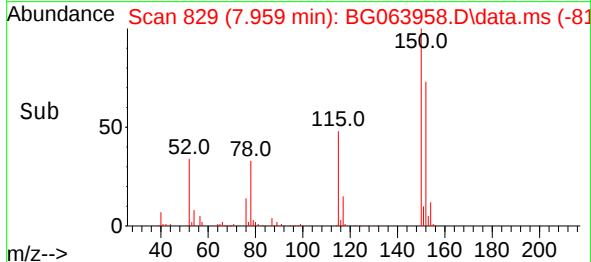
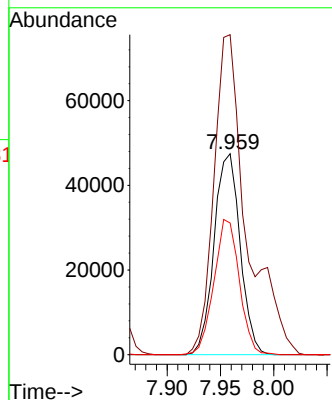
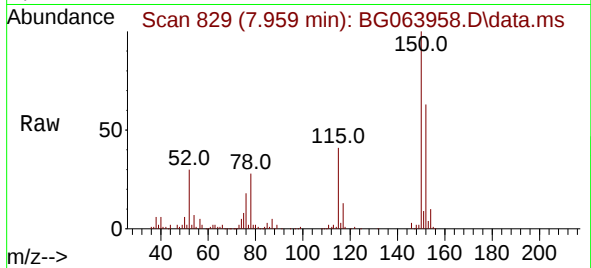




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 7.959 min Scan# 81  
 Delta R.T. 0.001 min  
 Lab File: BG063958.D  
 Acq: 24 Jan 2025 15:39

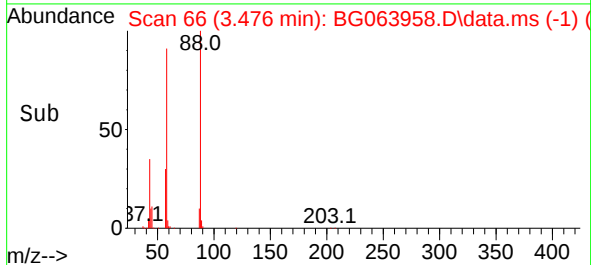
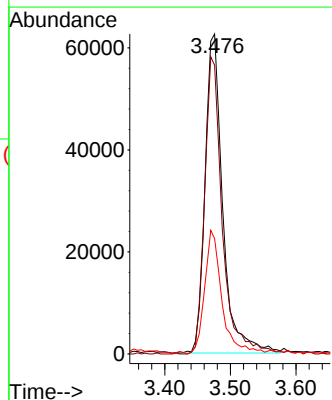
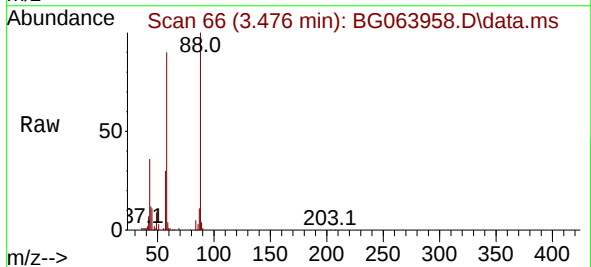
Instrument :  
 BNA\_G  
 ClientSampleId :

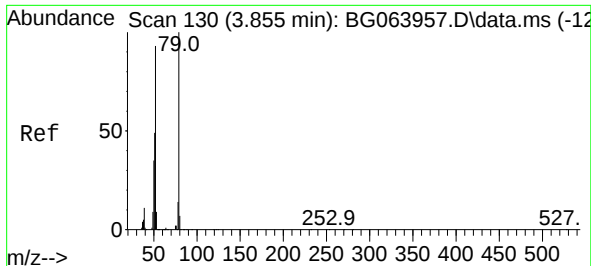
Tgt Ion:152 Resp: 80560  
 Ion Ratio Lower Upper  
 152 100  
 150 159.2 119.4 179.0  
 115 65.5 53.4 80.0



#2  
 1,4-Dioxane  
 Concen: 45.299 ng  
 RT: 3.476 min Scan# 66  
 Delta R.T. -0.005 min  
 Lab File: BG063958.D  
 Acq: 24 Jan 2025 15:39

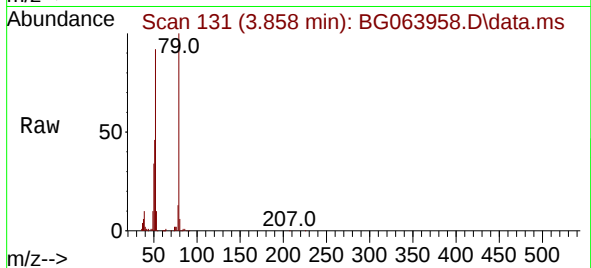
Tgt Ion: 88 Resp: 117266  
 Ion Ratio Lower Upper  
 88 100  
 58 92.7 74.2 111.2  
 43 38.0 27.2 40.8



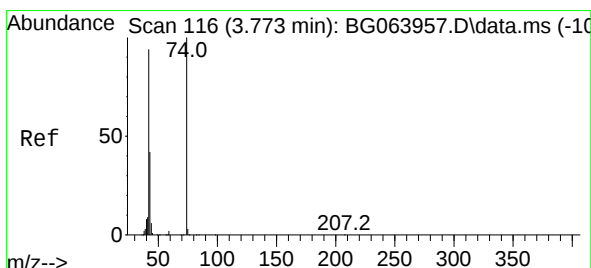
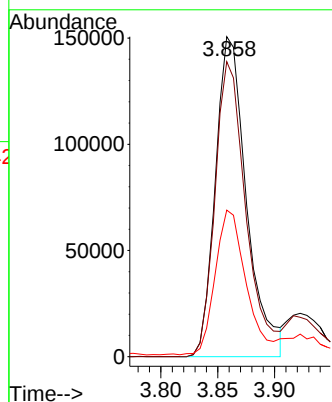
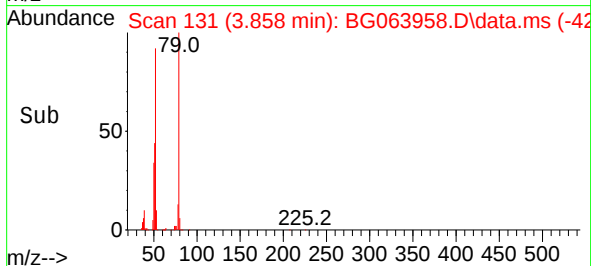


#3  
 Pyridine  
 Concen: 40.498 ng  
 RT: 3.858 min Scan# 11  
 Delta R.T. -0.005 min  
 Lab File: BG063958.D  
 Acq: 24 Jan 2025 15:39

Instrument :  
 BNA\_G  
 ClientSampleId :

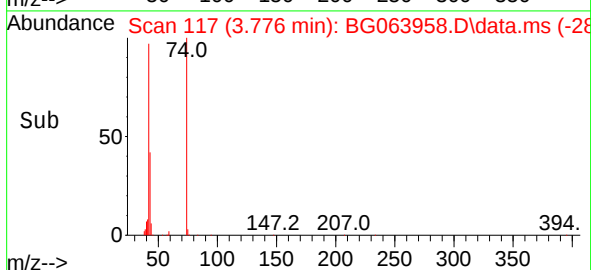
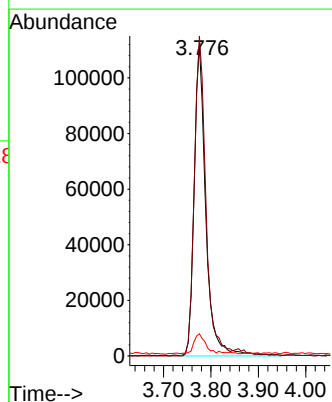
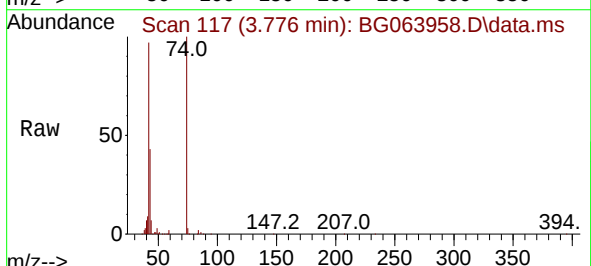


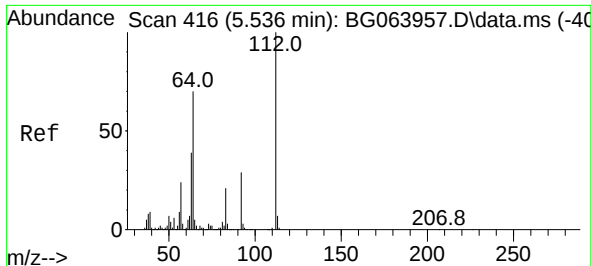
Tgt Ion: 79 Resp: 287271  
 Ion Ratio Lower Upper  
 79 100  
 52 92.2 74.6 112.0  
 51 45.8 39.8 59.6



#4  
 n-Nitrosodimethylamine  
 Concen: 47.419 ng  
 RT: 3.776 min Scan# 117  
 Delta R.T. -0.005 min  
 Lab File: BG063958.D  
 Acq: 24 Jan 2025 15:39

Tgt Ion: 42 Resp: 191375  
 Ion Ratio Lower Upper  
 42 100  
 74 102.8 85.2 127.8  
 44 7.1 6.1 9.1

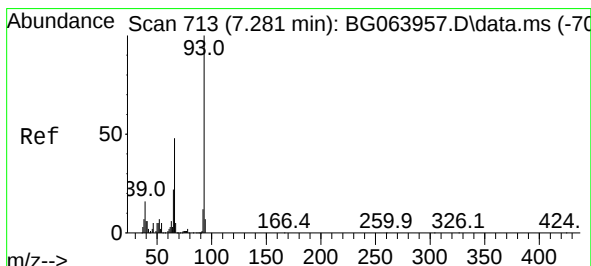
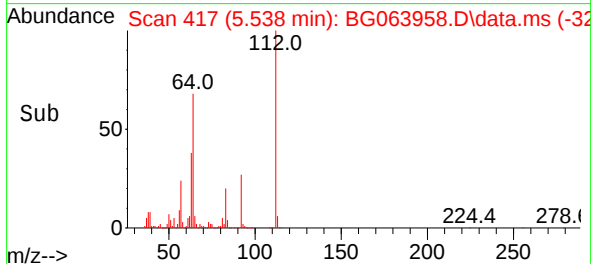
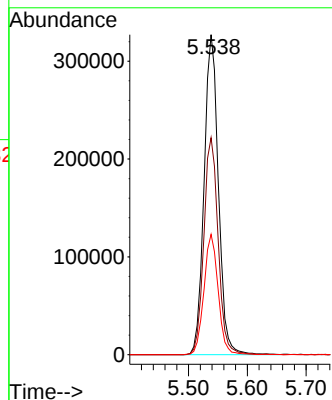
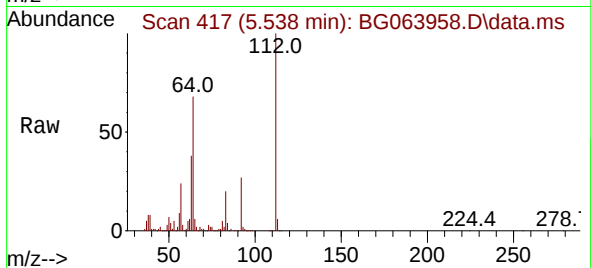




#5  
2-Fluorophenol  
Concen: 94.712 ng  
RT: 5.538 min Scan# 416  
Delta R.T. -0.005 min  
Lab File: BG063958.D  
Acq: 24 Jan 2025 15:39

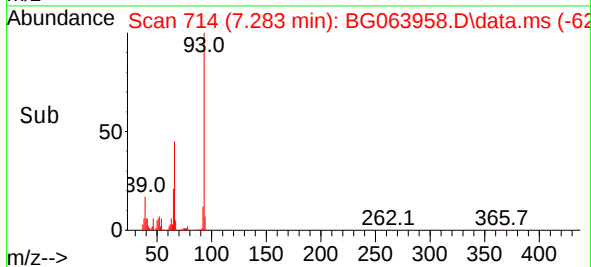
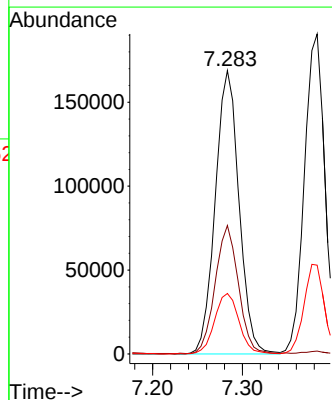
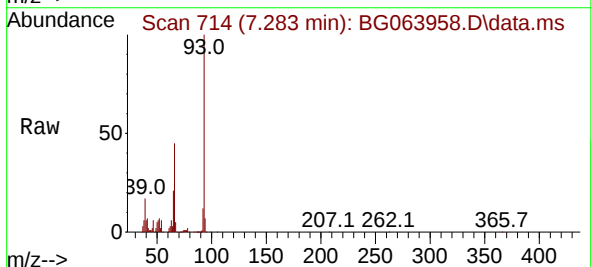
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ClientSampleId :

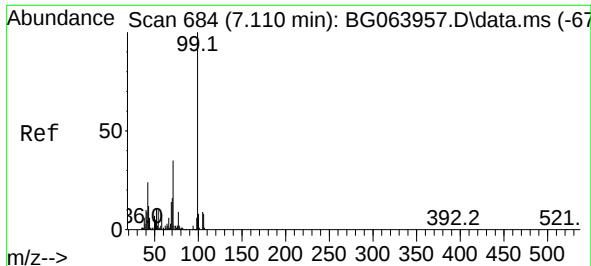
Tgt Ion:112 Resp: 552972  
Ion Ratio Lower Upper  
112 100  
64 67.8 56.2 84.4  
63 37.6 31.5 47.3



#6  
Aniline  
Concen: 47.500 ng  
RT: 7.283 min Scan# 714  
Delta R.T. -0.005 min  
Lab File: BG063958.D  
Acq: 24 Jan 2025 15:39

Tgt Ion: 93 Resp: 310427  
Ion Ratio Lower Upper  
93 100  
66 45.3 38.2 57.4  
65 21.4 17.4 26.0

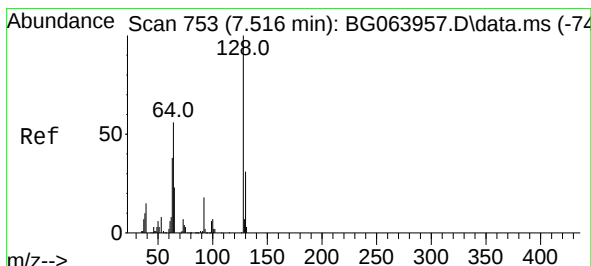
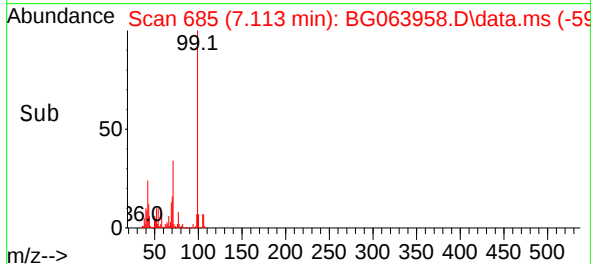
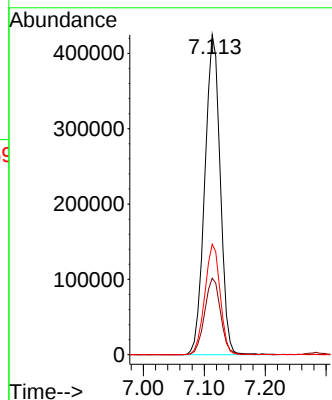
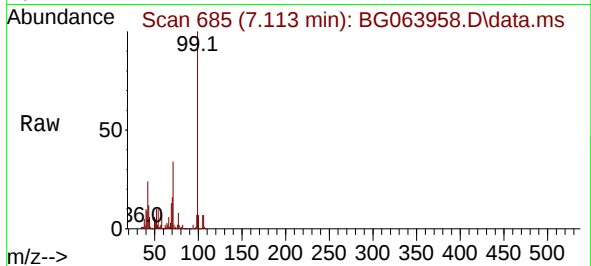




#7  
Phenol-d6  
Concen: 94.775 ng  
RT: 7.113 min Scan# 61  
Delta R.T. -0.005 min  
Lab File: BG063958.D  
Acq: 24 Jan 2025 15:39

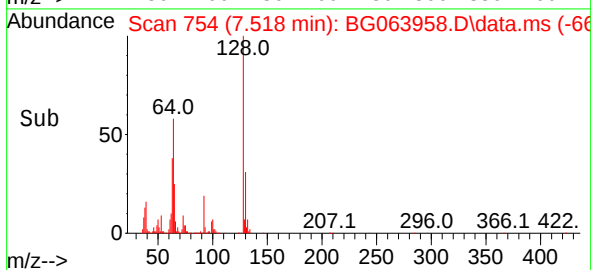
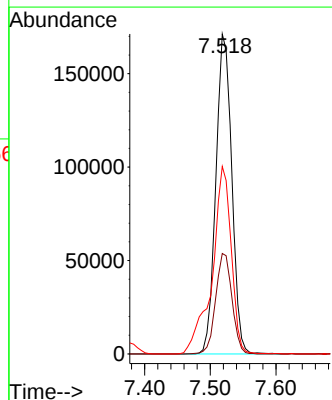
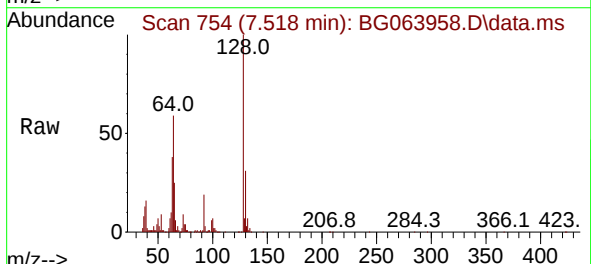
Instrument :  
BNA\_G  
ClientSampleId :

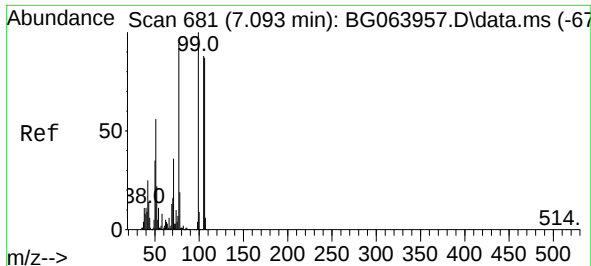
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Ion Ratio Lower Upper  
99 100  
42 23.9 19.3 28.9  
71 34.5 28.4 42.6



#8  
2-Chlorophenol  
Concen: 46.849 ng  
RT: 7.518 min Scan# 754  
Delta R.T. -0.005 min  
Lab File: BG063958.D  
Acq: 24 Jan 2025 15:39

Tgt Ion:128 Resp: 287182  
Ion Ratio Lower Upper  
128 100  
130 31.4 10.5 50.5  
64 58.6 37.0 77.0

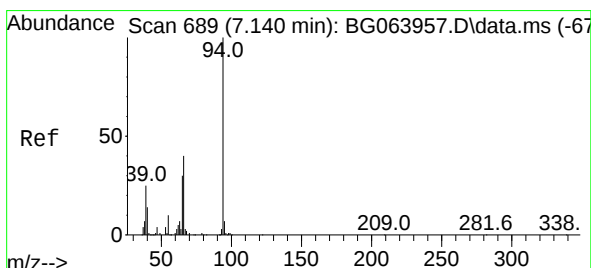
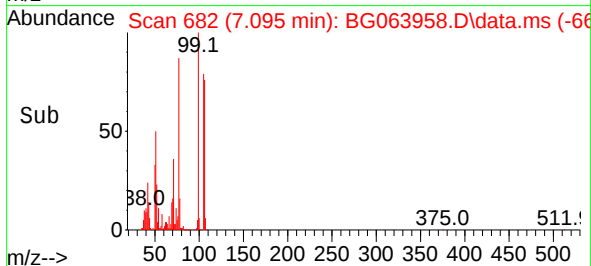
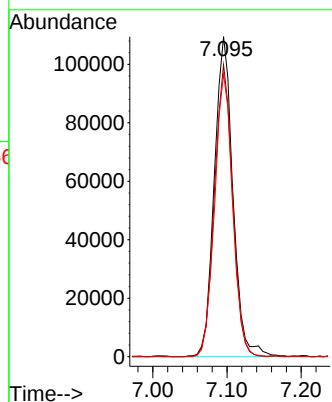
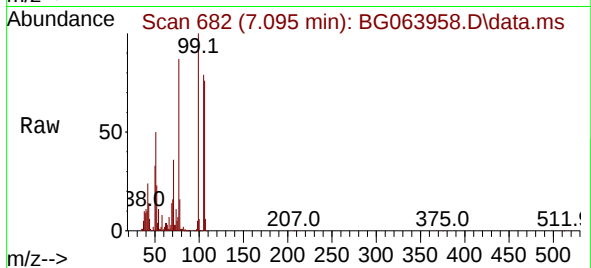




#9  
Benzaldehyde  
Concen: 41.008 ng  
RT: 7.095 min Scan# 60  
Delta R.T. 0.001 min  
Lab File: BG063958.D  
Acq: 24 Jan 2025 15:39

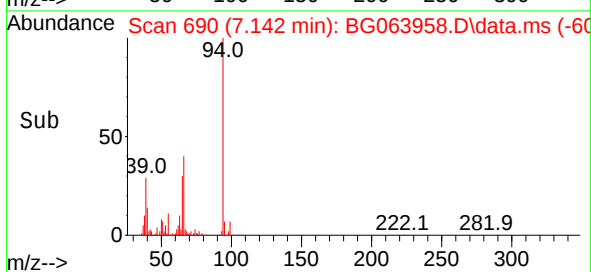
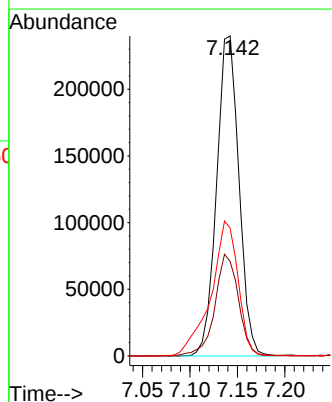
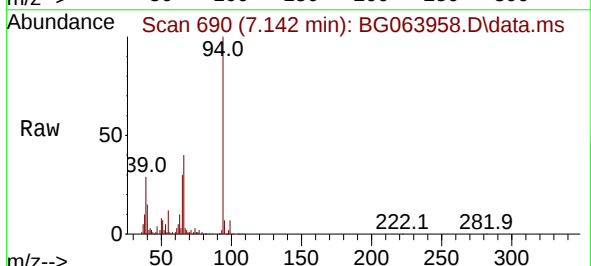
Instrument :  
BNA\_G  
ClientSampleId :

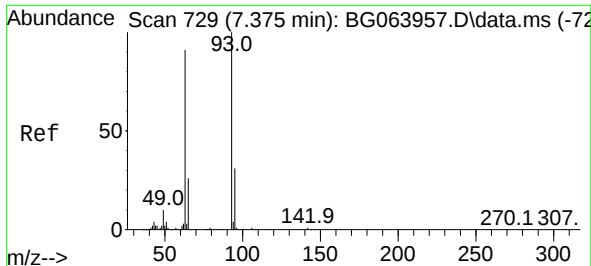
Tgt Ion: 77 Resp: 190658  
Ion Ratio Lower Upper  
77 100  
105 91.2 73.8 113.8  
106 88.4 72.5 112.5



#10  
Phenol  
Concen: 47.235 ng  
RT: 7.142 min Scan# 690  
Delta R.T. -0.005 min  
Lab File: BG063958.D  
Acq: 24 Jan 2025 15:39

Tgt Ion: 94 Resp: 393432  
Ion Ratio Lower Upper  
94 100  
65 29.6 9.9 49.9  
66 39.9 20.5 60.5

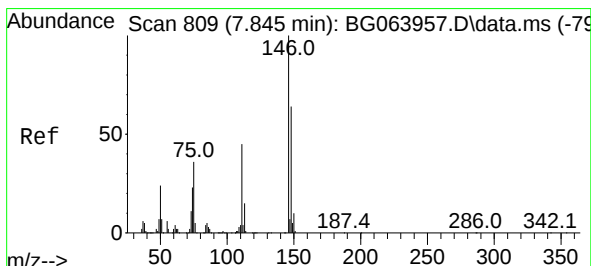
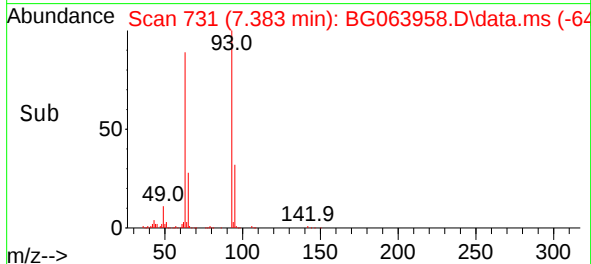
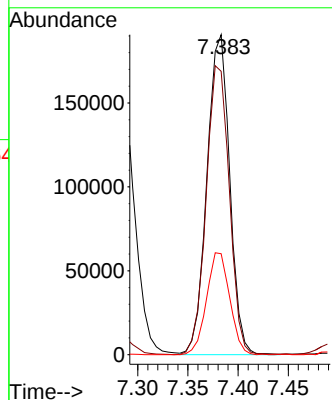
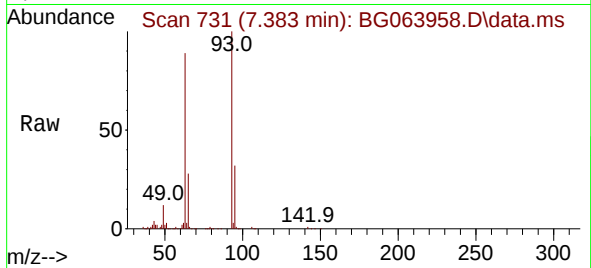




#11  
bis(2-Chloroethyl)ether  
Concen: 46.278 ng  
RT: 7.383 min Scan# 71  
Delta R.T. 0.001 min  
Lab File: BG063958.D  
Acq: 24 Jan 2025 15:39

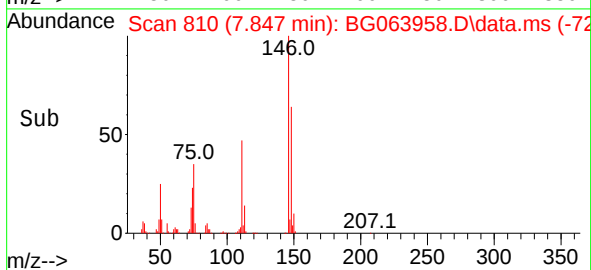
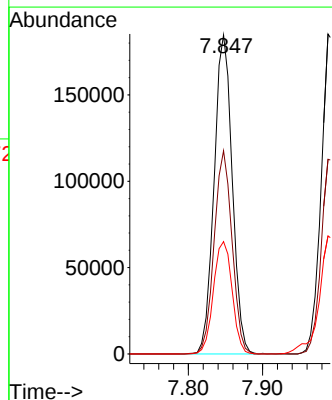
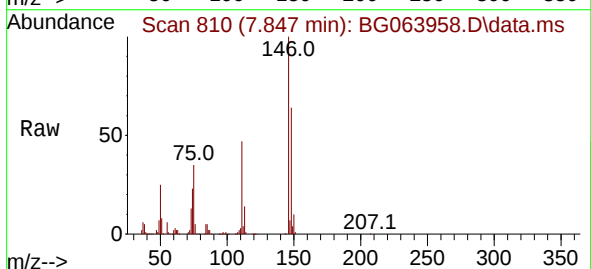
Instrument :  
BNA\_G  
ClientSampleId :

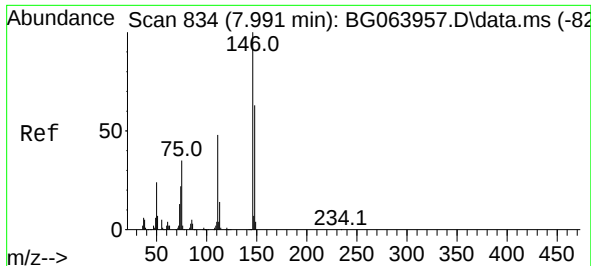
Tgt Ion: 93 Resp: 301650  
Ion Ratio Lower Upper  
93 100  
63 88.6 70.8 110.8  
95 31.6 11.0 51.0



#12  
1,3-Dichlorobenzene  
Concen: 47.275 ng  
RT: 7.847 min Scan# 810  
Delta R.T. 0.001 min  
Lab File: BG063958.D  
Acq: 24 Jan 2025 15:39

Tgt Ion:146 Resp: 312847  
Ion Ratio Lower Upper  
146 100  
148 63.7 50.9 76.3  
75 35.2 28.7 43.1

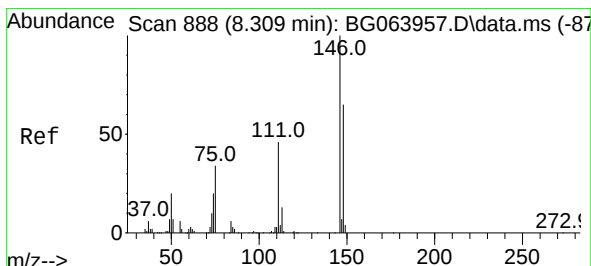
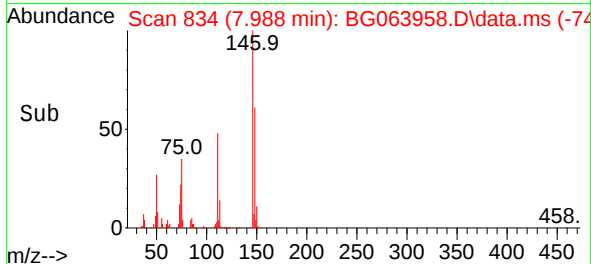
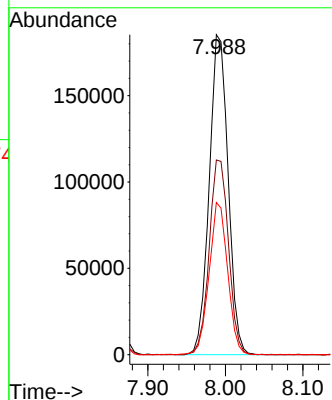
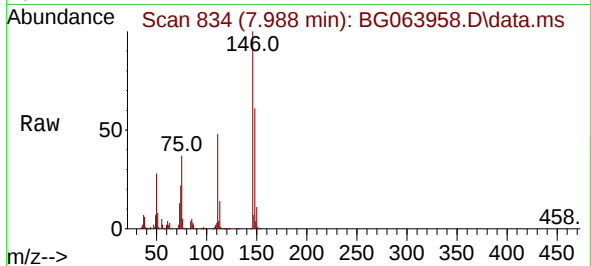




#13  
1,4-Dichlorobenzene  
Concen: 46.754 ng  
RT: 7.988 min Scan# 841  
Delta R.T. -0.005 min  
Lab File: BG063958.D  
Acq: 24 Jan 2025 15:39

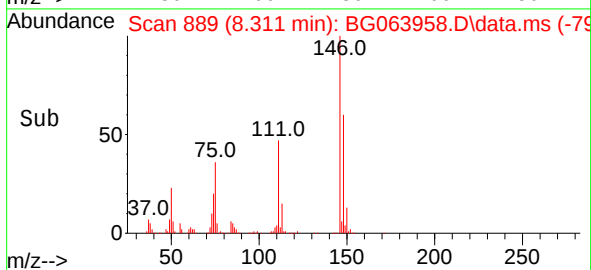
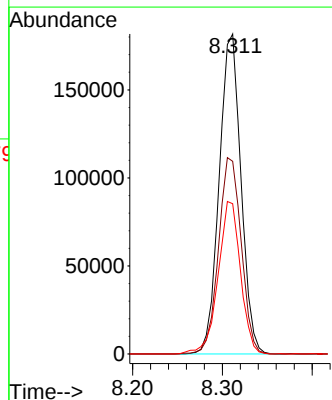
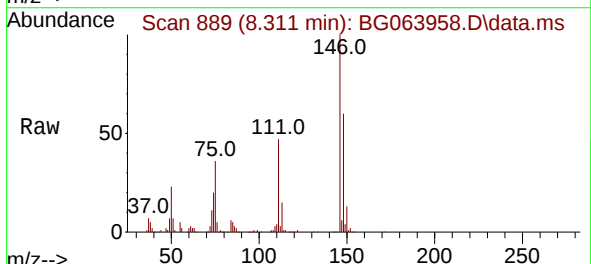
Instrument :  
BNA\_G  
ClientSampleId :

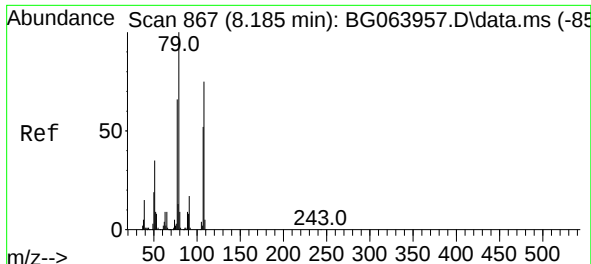
Tgt Ion:146 Resp: 313581  
Ion Ratio Lower Upper  
146 100  
148 60.9 50.9 76.3  
111 47.6 38.2 57.4



#14  
1,2-Dichlorobenzene  
Concen: 46.919 ng  
RT: 8.311 min Scan# 889  
Delta R.T. 0.000 min  
Lab File: BG063958.D  
Acq: 24 Jan 2025 15:39

Tgt Ion:146 Resp: 305789  
Ion Ratio Lower Upper  
146 100  
148 60.2 51.8 77.8  
111 47.0 37.2 55.8

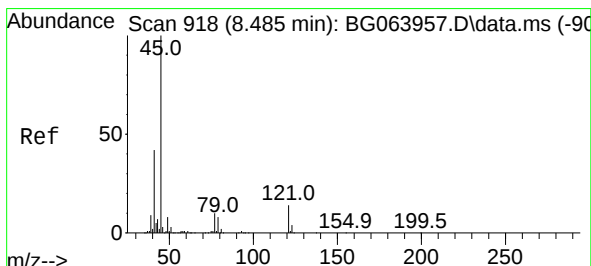
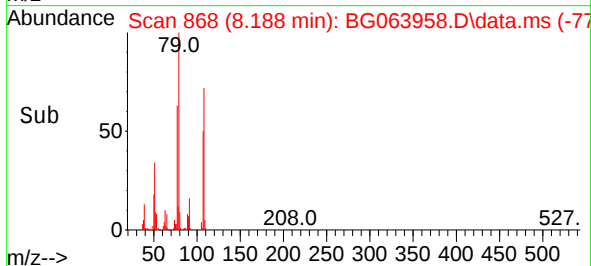
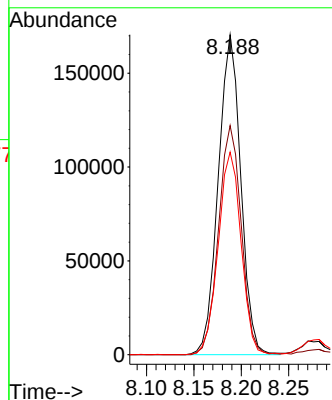
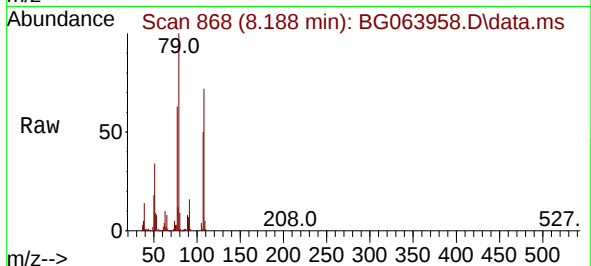




#15  
Benzyl Alcohol  
Concen: 48.243 ng  
RT: 8.188 min Scan# 867  
Delta R.T. -0.005 min  
Lab File: BG063958.D  
Acq: 24 Jan 2025 15:39

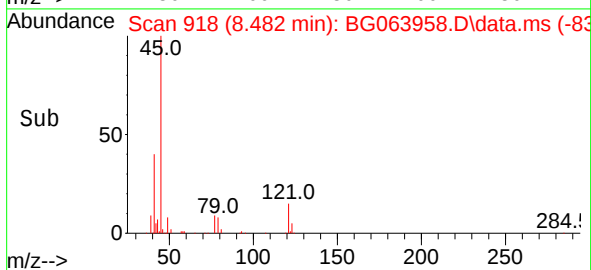
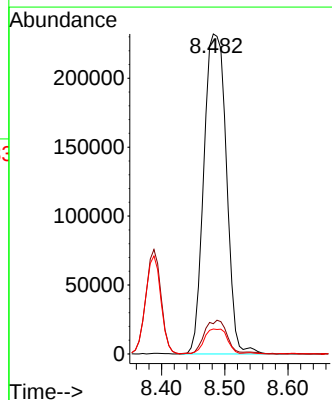
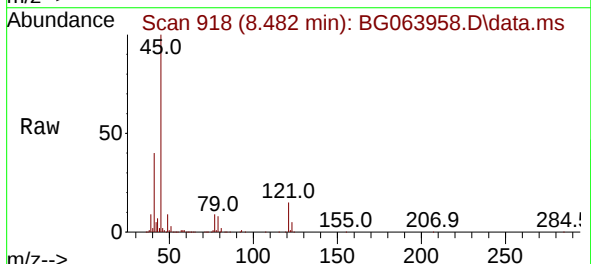
Instrument :  
BNA\_G  
ClientSampleId :

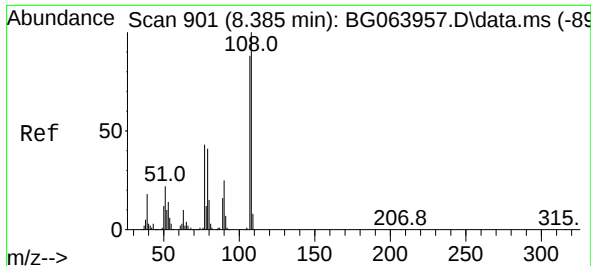
Tgt Ion: 79 Resp: 282338  
Ion Ratio Lower Upper  
79 100  
108 71.6 59.7 89.5  
77 63.3 52.9 79.3



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 47.520 ng  
RT: 8.482 min Scan# 918  
Delta R.T. -0.011 min  
Lab File: BG063958.D  
Acq: 24 Jan 2025 15:39

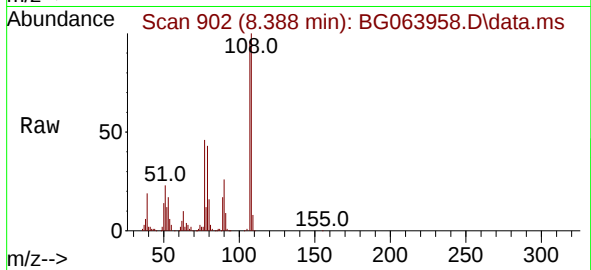
Tgt Ion: 45 Resp: 572469  
Ion Ratio Lower Upper  
45 100  
77 9.4 0.0 30.5  
79 7.8 0.0 27.9



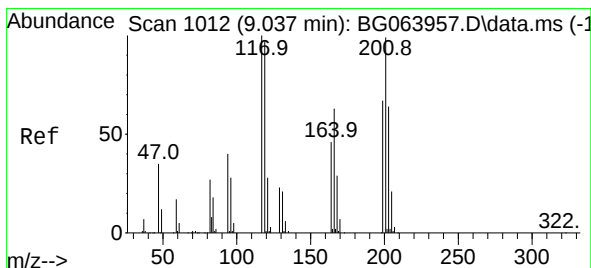
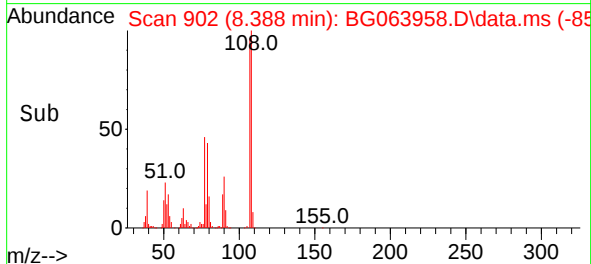
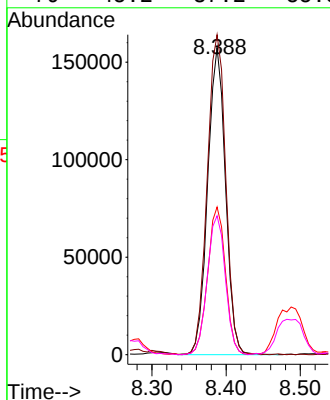


#17  
2-Methylphenol  
Concen: 48.424 ng  
RT: 8.388 min Scan# 901  
Delta R.T. -0.005 min  
Lab File: BG063958.D  
Acq: 24 Jan 2025 15:39

Instrument :  
BNA\_G  
ClientSampleId :

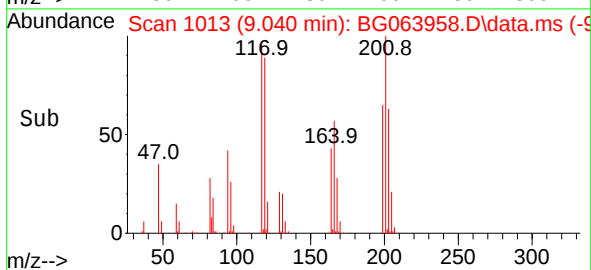
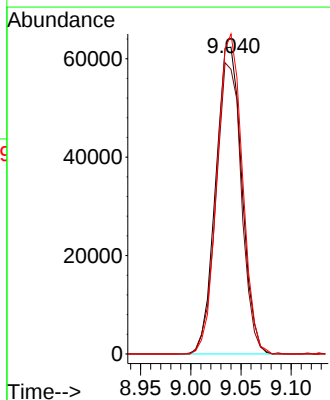
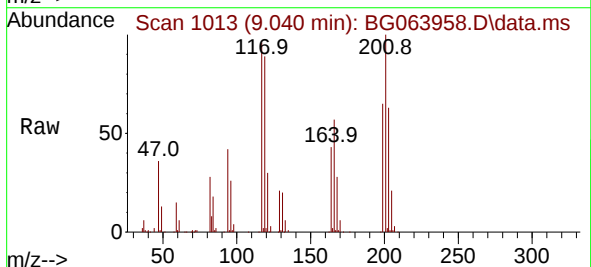


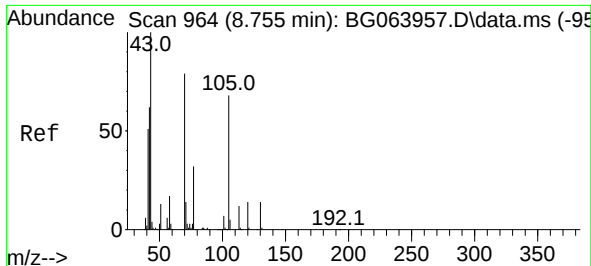
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 262595 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 104.2 | 91.0  | 136.4  |
| 77       | 48.1  | 39.4  | 59.2   |
| 79       | 45.2  | 37.2  | 55.8   |



#18  
Hexachloroethane  
Concen: 48.265 ng  
RT: 9.040 min Scan# 1013  
Delta R.T. 0.001 min  
Lab File: BG063958.D  
Acq: 24 Jan 2025 15:39

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 112897 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 92.8  | 77.7  | 116.5  |
| 201      | 104.3 | 81.1  | 121.7  |





#19

n-Nitroso-di-n-propylamine

Concen: 46.988 ng

RT: 8.764 min Scan# 9

Delta R.T. -0.005 min

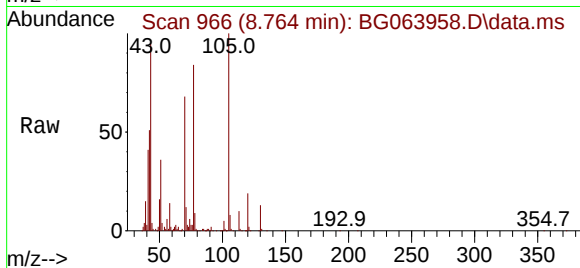
Lab File: BG063958.D

Acq: 24 Jan 2025 15:39

Instrument :

BNA\_G

ClientSampleId :



Tgt Ion: 70 Resp: 249749

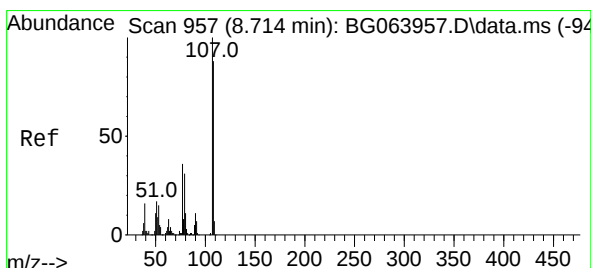
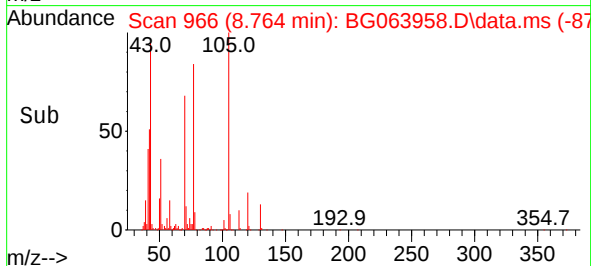
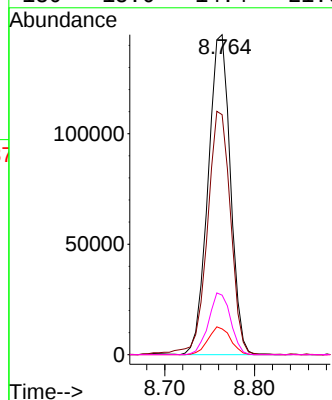
Ion Ratio Lower Upper

70 100

42 75.0 62.6 93.8

101 8.1 7.4 11.2

130 18.6 14.4 21.6



#20

3+4-Methylphenols

Concen: 47.698 ng

RT: 8.717 min Scan# 958

Delta R.T. -0.005 min

Lab File: BG063958.D

Acq: 24 Jan 2025 15:39

Tgt Ion:107 Resp: 352676

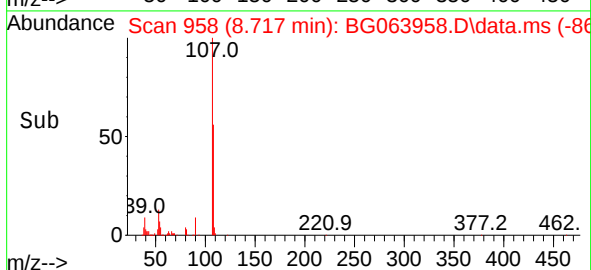
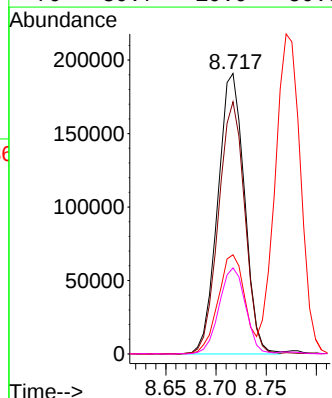
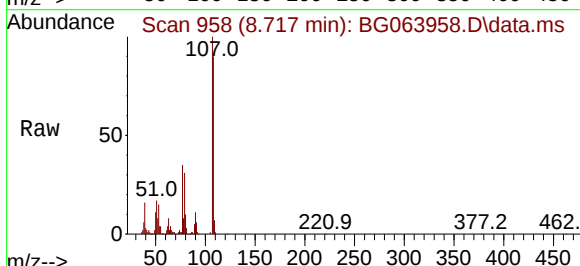
Ion Ratio Lower Upper

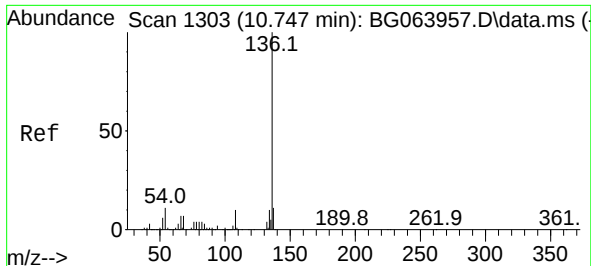
107 100

108 89.9 67.6 107.6

77 35.4 15.7 55.7

79 30.7 10.9 50.9

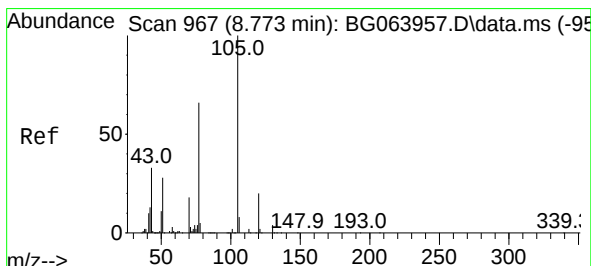
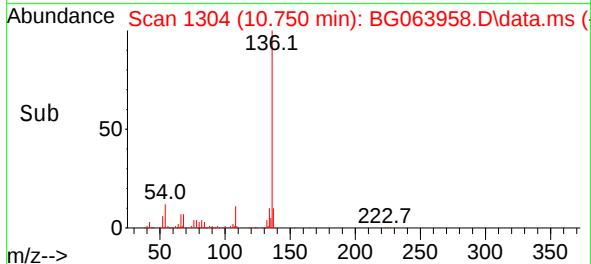
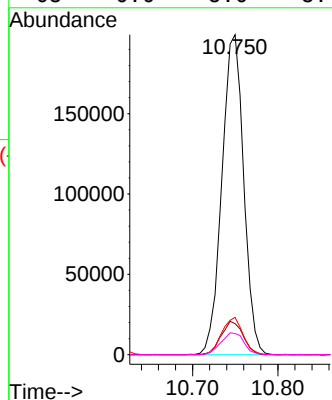
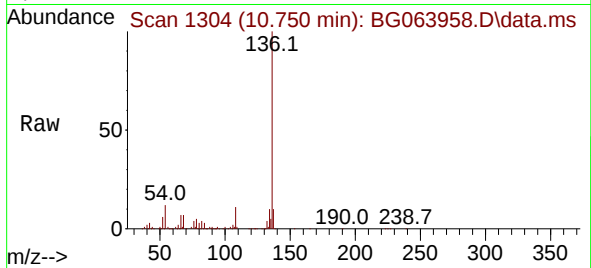




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.750 min Scan# 1304  
Delta R.T. 0.001 min  
Lab File: BG063958.D  
Acq: 24 Jan 2025 15:39

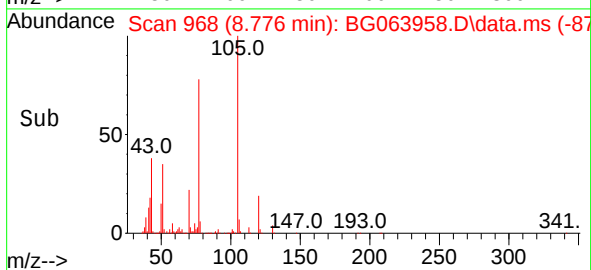
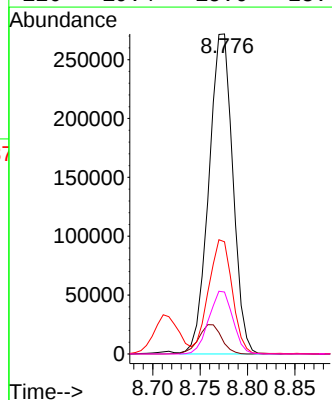
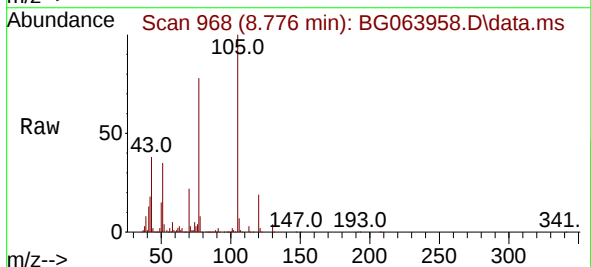
Instrument :  
BNA\_G  
ClientSampleId :

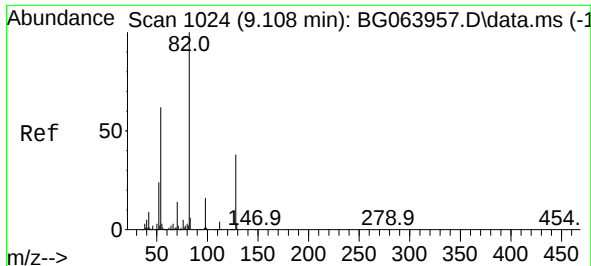
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 136   | Resp: | 353156 |
| Ion Ratio | Lower | Upper |        |
| 136       | 100   |       |        |
| 137       | 9.7   | 8.4   | 12.6   |
| 54        | 11.6  | 9.0   | 13.4   |
| 68        | 6.6   | 5.6   | 8.4    |



#22  
Acetophenone  
Concen: 46.964 ng  
RT: 8.776 min Scan# 968  
Delta R.T. 0.001 min  
Lab File: BG063958.D  
Acq: 24 Jan 2025 15:39

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 105   | Resp: | 477837 |
| Ion Ratio | Lower | Upper |        |
| 105       | 100   |       |        |
| 71        | 3.2   | 2.4   | 3.6    |
| 51        | 35.1  | 27.2  | 40.8   |
| 120       | 19.4  | 15.6  | 23.4   |





#23

Nitrobenzene-d5

Concen: 102.576 ng

RT: 9.111 min Scan# 1025

Delta R.T. -0.004 min

Lab File: BG063958.D

Acq: 24 Jan 2025 15:39

Instrument :

BNA\_G

ClientSampleId :

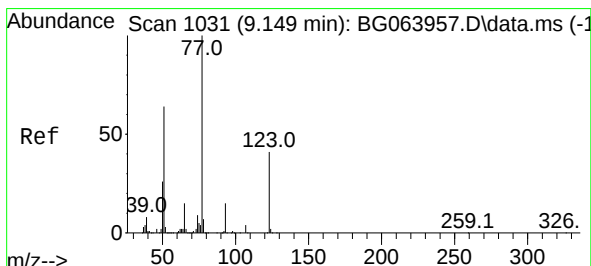
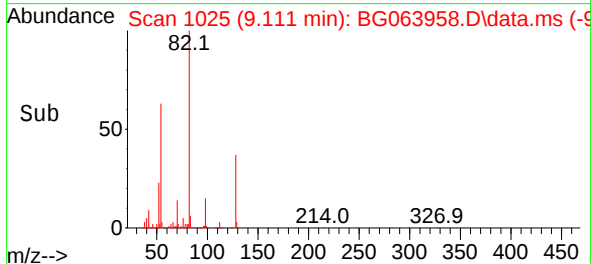
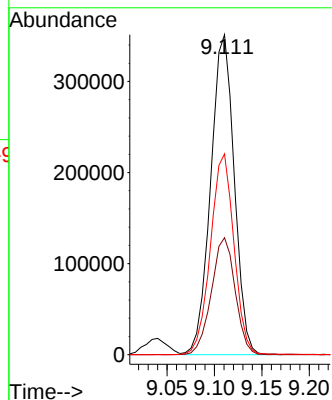
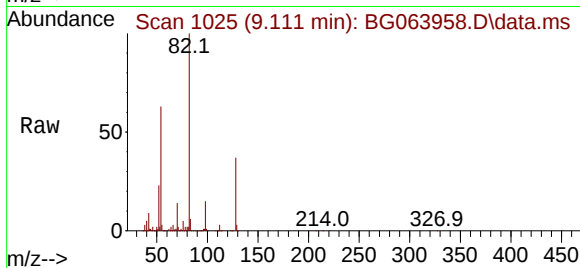
Tgt Ion: 82 Resp: 608207

Ion Ratio Lower Upper

82 100

128 36.5 30.6 45.8

54 62.7 49.0 73.6



#24

Nitrobenzene

Concen: 51.640 ng

RT: 9.152 min Scan# 1032

Delta R.T. -0.005 min

Lab File: BG063958.D

Acq: 24 Jan 2025 15:39

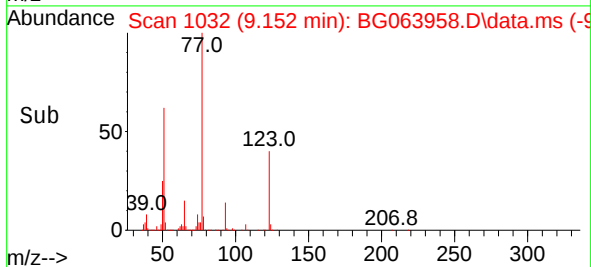
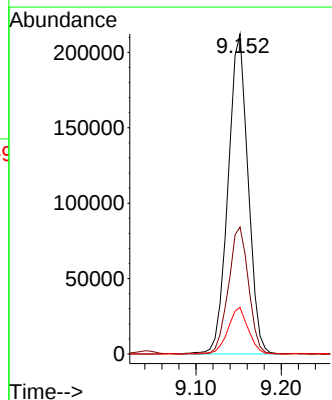
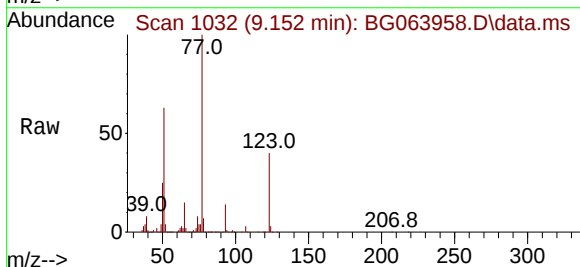
Tgt Ion: 77 Resp: 345566

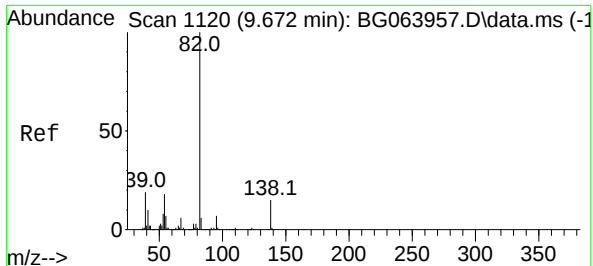
Ion Ratio Lower Upper

77 100

123 39.7 32.7 49.1

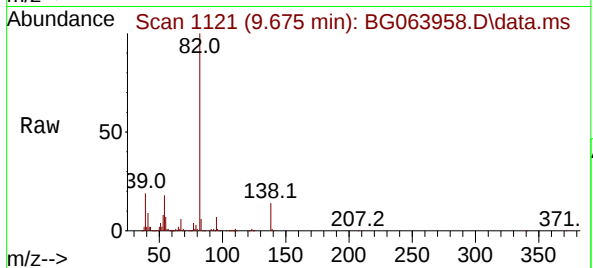
65 14.6 12.0 18.0



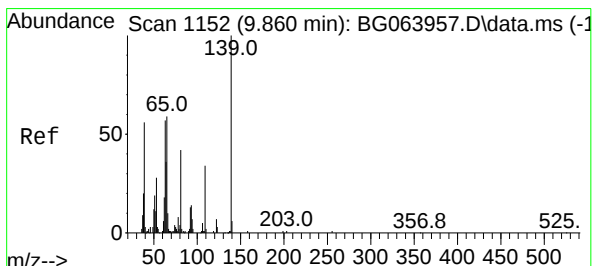
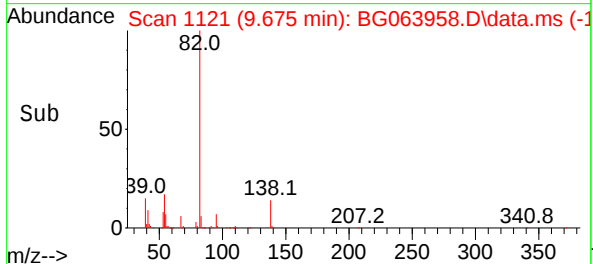
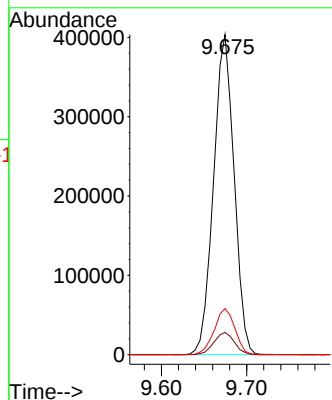


#25  
Isophorone  
Concen: 47.096 ng  
RT: 9.675 min Scan# 1120  
Delta R.T. -0.005 min  
Lab File: BG063958.D  
Acq: 24 Jan 2025 15:39

Instrument :  
BNA\_G  
ClientSampleId :

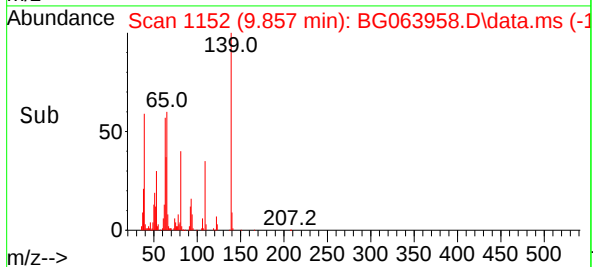
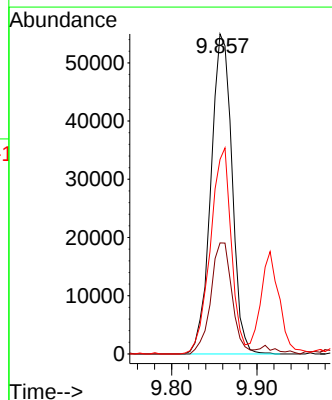
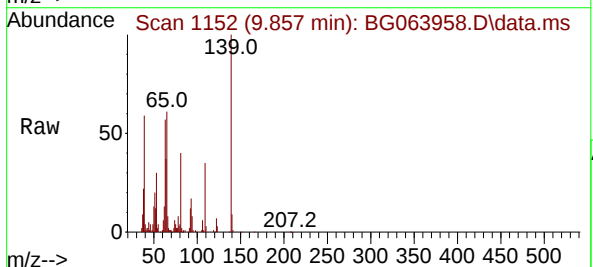


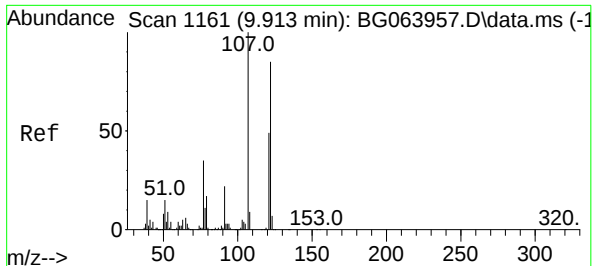
Tgt Ion: 82 Resp: 676517  
Ion Ratio Lower Upper  
82 100  
95 6.9 5.6 8.4  
138 14.4 12.2 18.4



#26  
2-Nitrophenol  
Concen: 48.424 ng  
RT: 9.857 min Scan# 1152  
Delta R.T. -0.005 min  
Lab File: BG063958.D  
Acq: 24 Jan 2025 15:39

Tgt Ion:139 Resp: 94693  
Ion Ratio Lower Upper  
139 100  
109 34.7 27.1 40.7  
65 60.8 47.0 70.6





#27

2,4-Dimethylphenol

Concen: 47.896 ng

RT: 9.915 min Scan# 1161

Delta R.T. -0.005 min

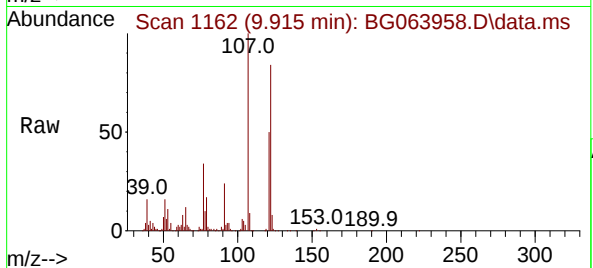
Lab File: BG063958.D

Acq: 24 Jan 2025 15:39

Instrument :

BNA\_G

ClientSampleId :



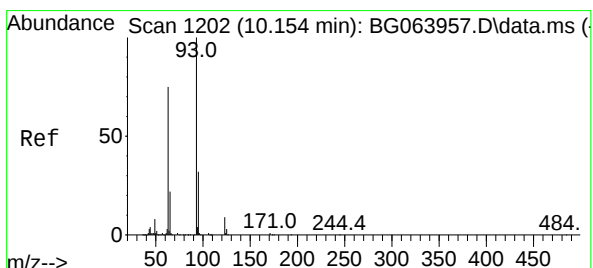
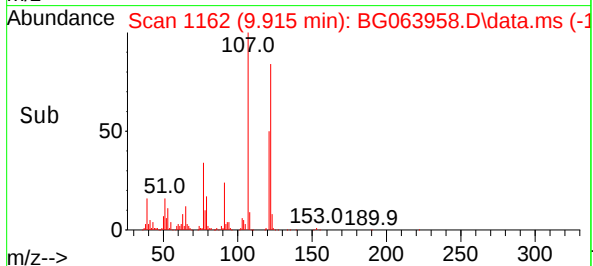
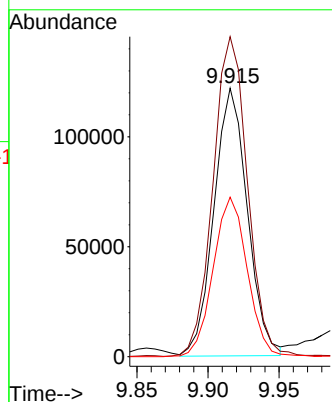
Tgt Ion:122 Resp: 199398

Ion Ratio Lower Upper

122 100

107 119.2 94.1 141.1

121 59.4 45.8 68.8



#28

bis(2-Chloroethoxy)methane

Concen: 47.879 ng

RT: 10.156 min Scan# 1203

Delta R.T. -0.005 min

Lab File: BG063958.D

Acq: 24 Jan 2025 15:39

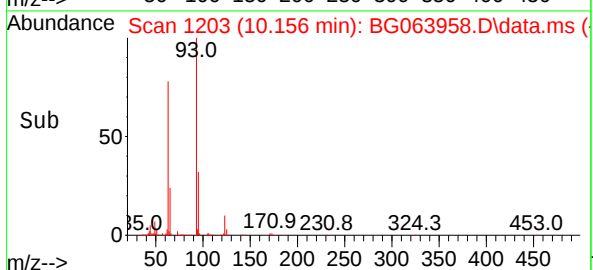
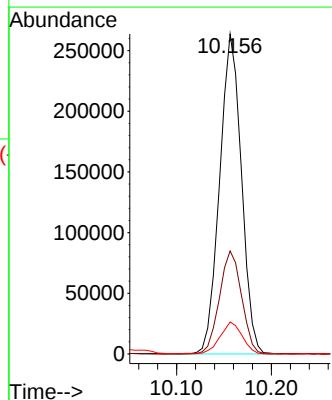
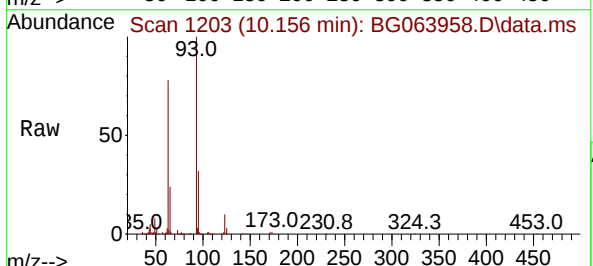
Tgt Ion: 93 Resp: 420713

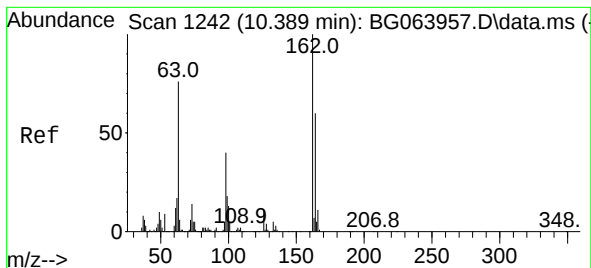
Ion Ratio Lower Upper

93 100

95 32.2 25.6 38.4

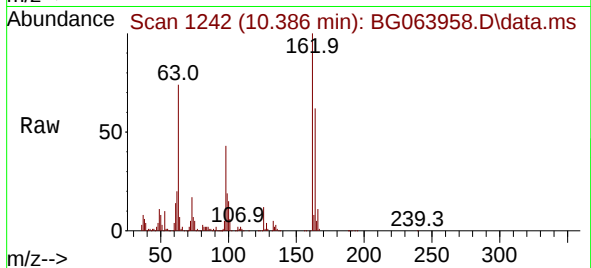
123 10.0 7.1 10.7



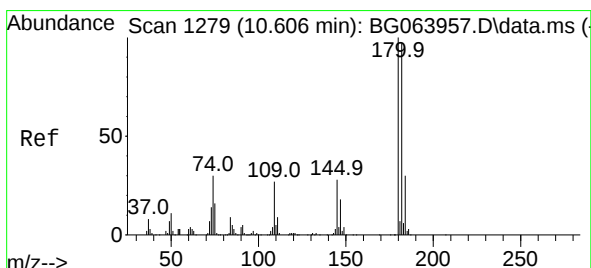
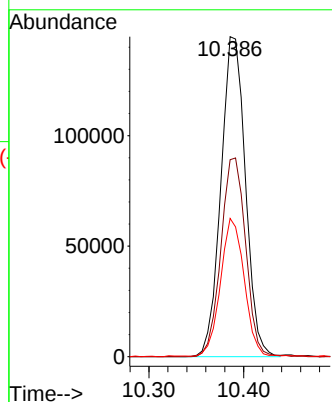
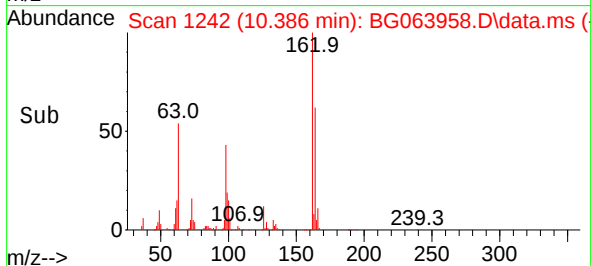


#29  
2,4-Dichlorophenol  
Concen: 49.573 ng  
RT: 10.386 min Scan# 11  
Delta R.T. -0.005 min  
Lab File: BG063958.D  
Acq: 24 Jan 2025 15:39

Instrument :  
BNA\_G  
ClientSampleId :

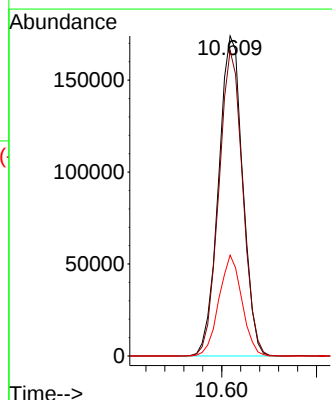
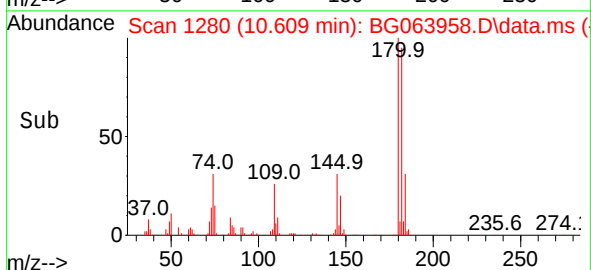
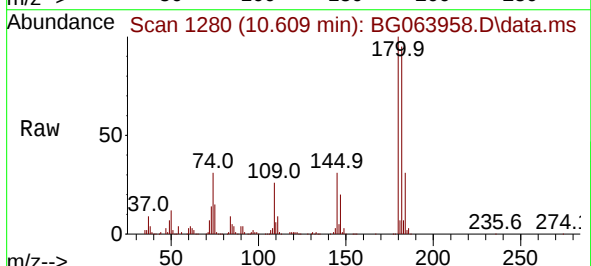


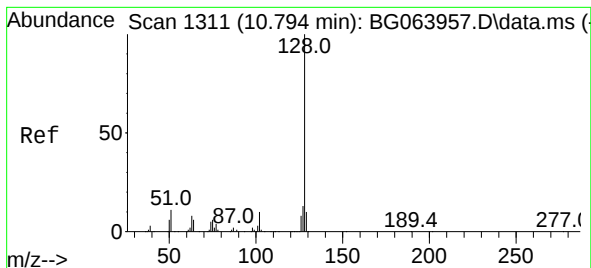
Tgt Ion:162 Resp: 260176  
Ion Ratio Lower Upper  
162 100  
164 61.6 40.4 80.4  
98 43.2 20.1 60.1



#30  
1,2,4-Trichlorobenzene  
Concen: 47.621 ng  
RT: 10.609 min Scan# 1280  
Delta R.T. -0.005 min  
Lab File: BG063958.D  
Acq: 24 Jan 2025 15:39

Tgt Ion:180 Resp: 307632  
Ion Ratio Lower Upper  
180 100  
182 95.5 77.8 116.6  
145 31.5 22.7 34.1





#31

Naphthalene

Concen: 47.321 ng

RT: 10.797 min Scan# 11

Delta R.T. -0.005 min

Lab File: BG063958.D

Acq: 24 Jan 2025 15:39

Instrument :

BNA\_G

ClientSampleId :

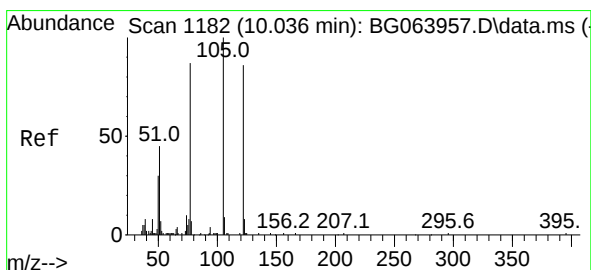
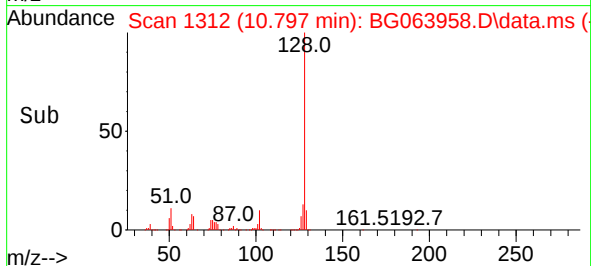
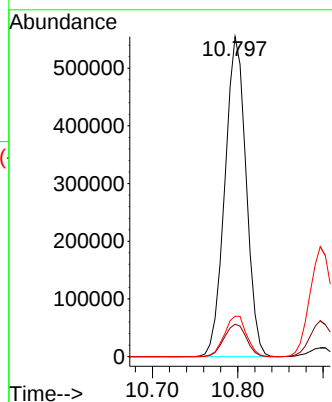
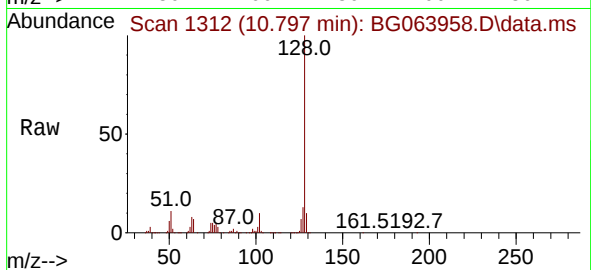
Tgt Ion:128 Resp: 959584

Ion Ratio Lower Upper

128 100

129 10.2 8.2 12.4

127 12.7 10.7 16.1



#32

Benzoic acid

Concen: 49.814 ng

RT: 10.062 min Scan# 1187

Delta R.T. -0.041 min

Lab File: BG063958.D

Acq: 24 Jan 2025 15:39

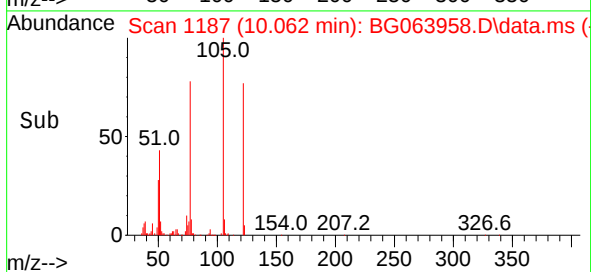
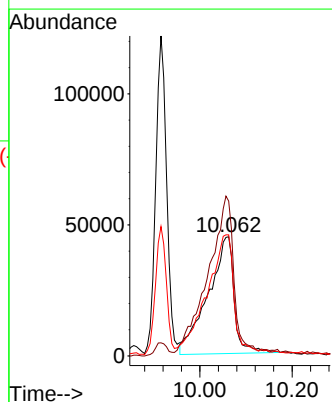
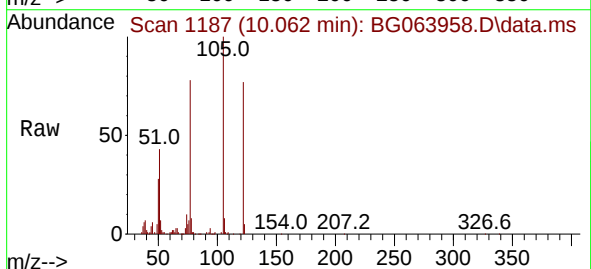
Tgt Ion:122 Resp: 174548

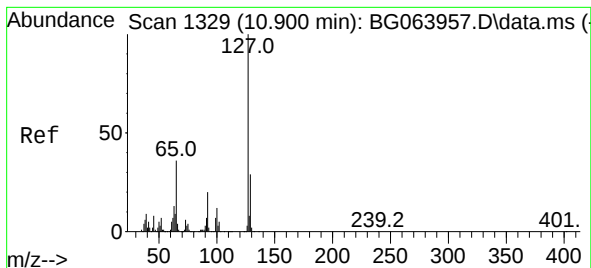
Ion Ratio Lower Upper

122 100

105 129.9 94.7 134.7

77 101.6 79.8 119.8

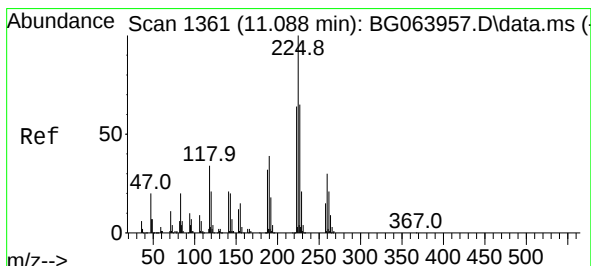
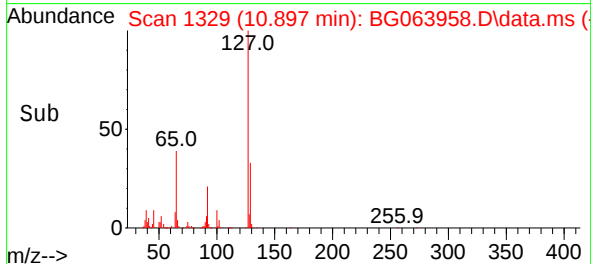
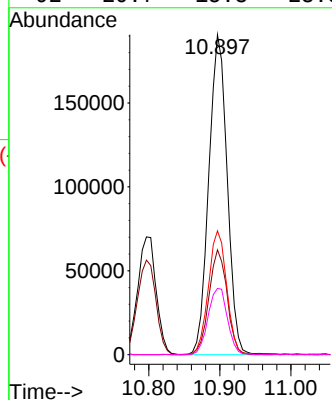
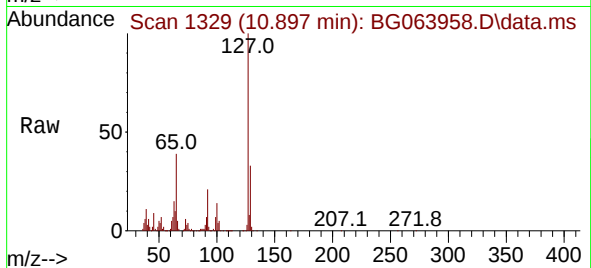




#33  
4-Chloroaniline  
Concen: 47.742 ng  
RT: 10.897 min Scan# 1329  
Delta R.T. -0.005 min  
Lab File: BG063958.D  
Acq: 24 Jan 2025 15:39

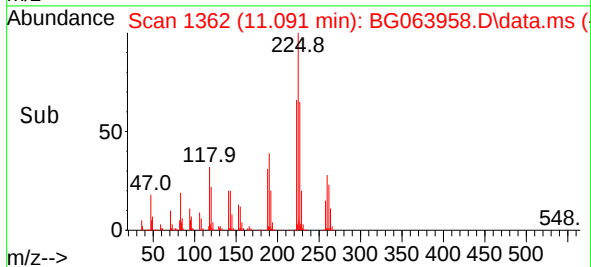
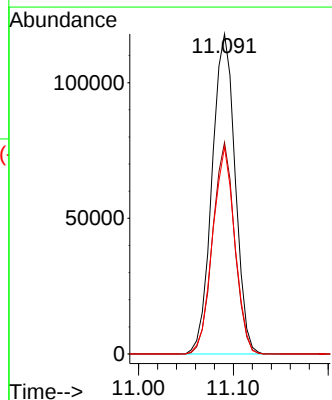
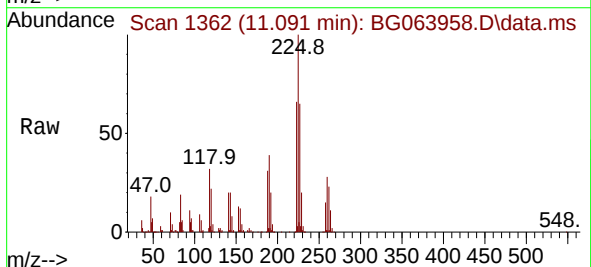
Instrument :  
BNA\_G  
ClientSampleId :

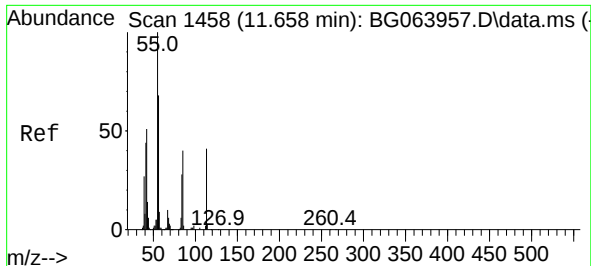
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 127   | Resp: | 342945 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 32.8  | 23.2  | 34.8   |
| 65       | 38.7  | 28.6  | 42.8   |
| 92       | 20.7  | 15.8  | 23.8   |



#34  
Hexachlorobutadiene  
Concen: 47.415 ng  
RT: 11.091 min Scan# 1362  
Delta R.T. 0.001 min  
Lab File: BG063958.D  
Acq: 24 Jan 2025 15:39

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 199443 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 66.1  | 50.8  | 76.2   |
| 227      | 64.6  | 51.7  | 77.5   |





#35

Caprolactam

Concen: 48.861 ng

RT: 11.666 min Scan# 1458

Delta R.T. -0.029 min

Lab File: BG063958.D

Acq: 24 Jan 2025 15:39

Instrument :

BNA\_G

ClientSampleId :

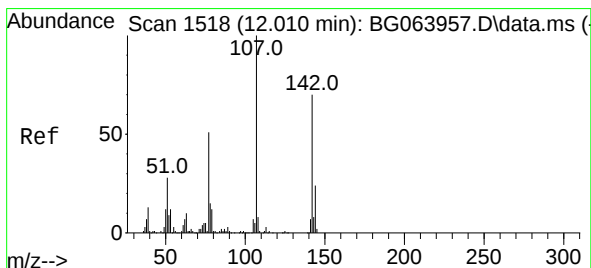
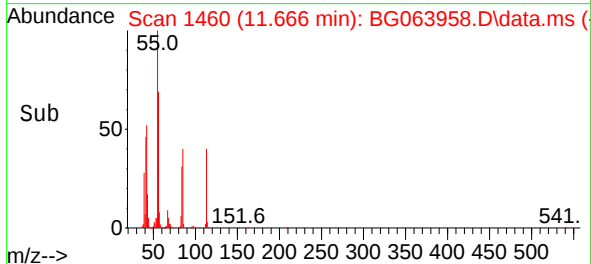
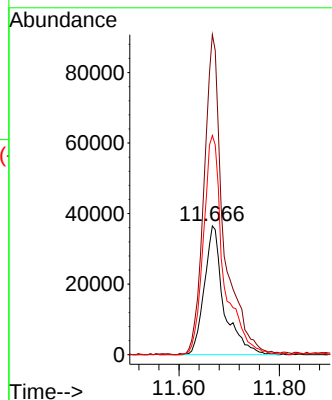
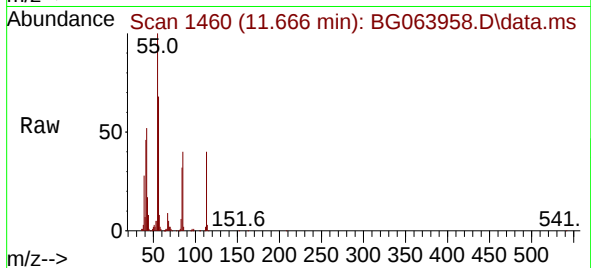
Tgt Ion:113 Resp: 99437

Ion Ratio Lower Upper

113 100

55 248.4 223.0 263.0

56 170.2 144.3 184.3



#36

4-Chloro-3-methylphenol

Concen: 48.995 ng

RT: 12.013 min Scan# 1519

Delta R.T. -0.011 min

Lab File: BG063958.D

Acq: 24 Jan 2025 15:39

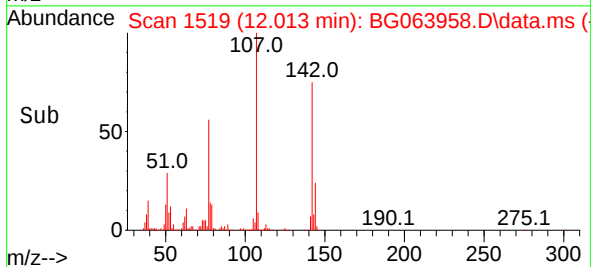
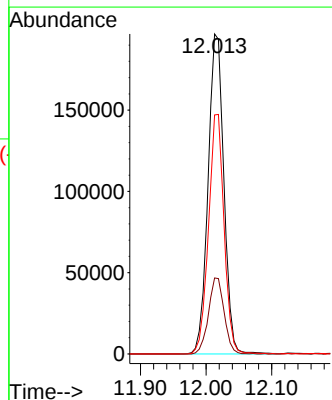
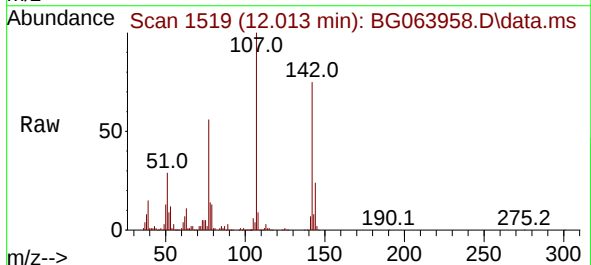
Tgt Ion:107 Resp: 330328

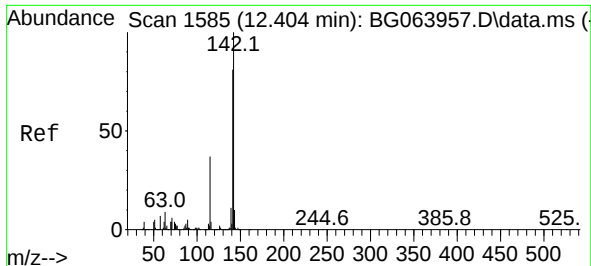
Ion Ratio Lower Upper

107 100

144 23.8 19.4 29.0

142 74.7 56.1 84.1

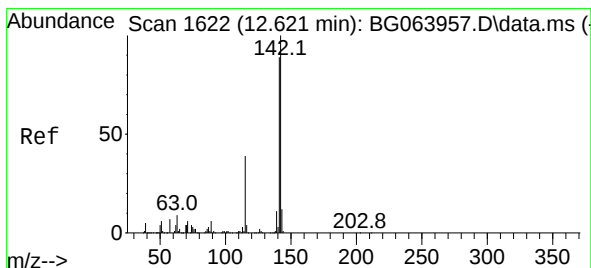
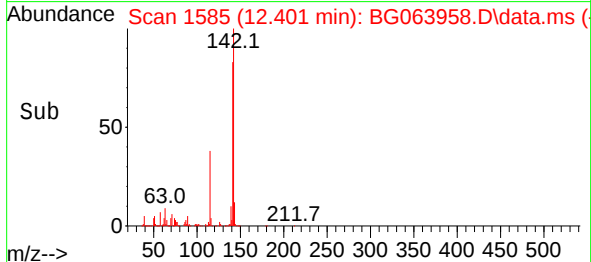
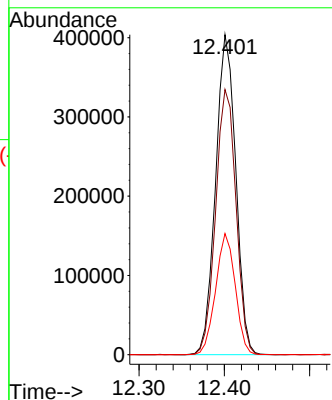
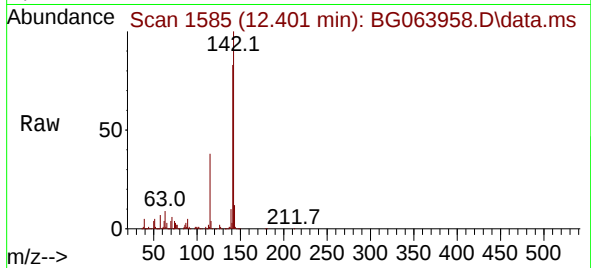




#37  
2-Methylnaphthalene  
Concen: 48.615 ng  
RT: 12.401 min Scan# 1585  
Delta R.T. -0.005 min  
Lab File: BG063958.D  
Acq: 24 Jan 2025 15:39

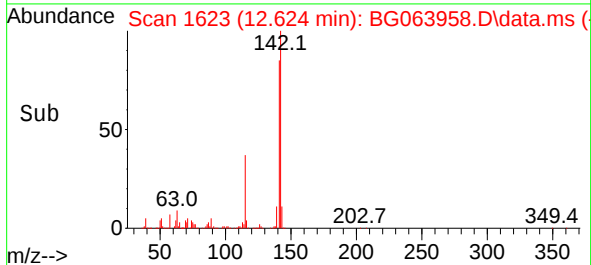
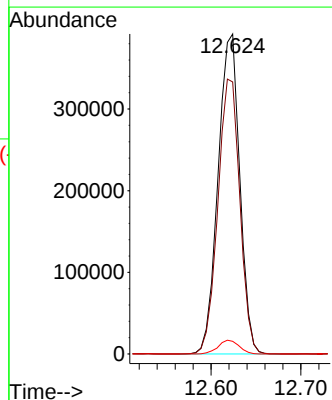
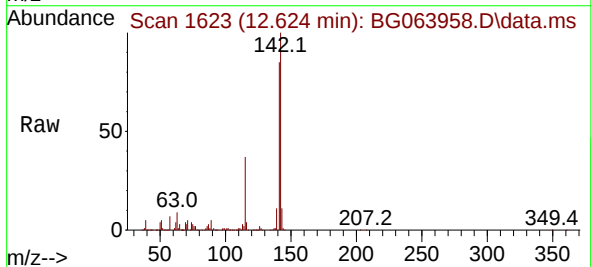
Instrument :  
BNA\_G  
ClientSampleId :

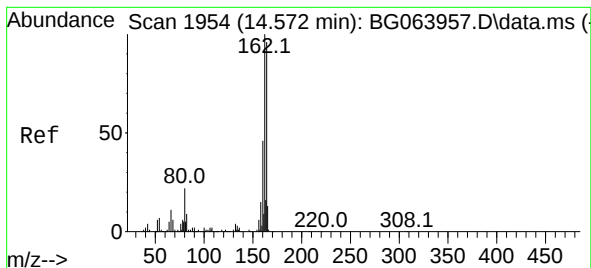
Tgt Ion:142 Resp: 662904  
Ion Ratio Lower Upper  
142 100  
141 82.8 64.6 97.0  
115 37.8 29.5 44.3



#38  
1-Methylnaphthalene  
Concen: 48.166 ng  
RT: 12.624 min Scan# 1623  
Delta R.T. 0.001 min  
Lab File: BG063958.D  
Acq: 24 Jan 2025 15:39

Tgt Ion:142 Resp: 657483  
Ion Ratio Lower Upper  
142 100  
141 85.0 71.3 106.9  
116 4.0 3.5 5.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.575 min Scan# 1955

Delta R.T. 0.001 min

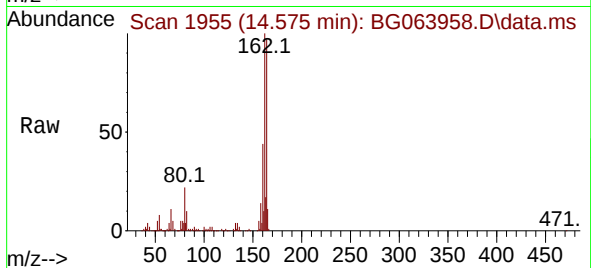
Lab File: BG063958.D

Acq: 24 Jan 2025 15:39

Instrument :

BNA\_G

ClientSampleId :



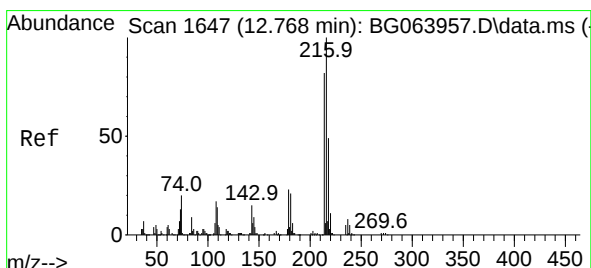
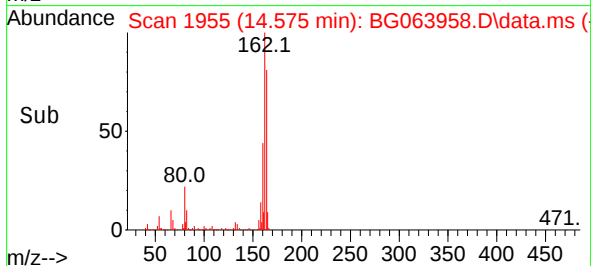
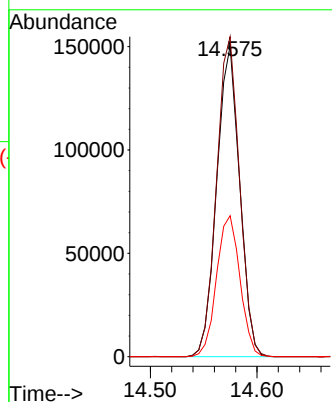
Tgt Ion:164 Resp: 224351

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
|-----|-------|-------|-------|

|     |     |  |  |
|-----|-----|--|--|
| 164 | 100 |  |  |
|-----|-----|--|--|

|     |       |      |       |
|-----|-------|------|-------|
| 162 | 102.9 | 83.8 | 125.6 |
|-----|-------|------|-------|

|     |      |      |      |
|-----|------|------|------|
| 160 | 45.3 | 38.2 | 57.2 |
|-----|------|------|------|



#40

1,2,4,5-Tetrachlorobenzene

Concen: 48.612 ng

RT: 12.765 min Scan# 1647

Delta R.T. -0.005 min

Lab File: BG063958.D

Acq: 24 Jan 2025 15:39

Tgt Ion:216 Resp: 339323

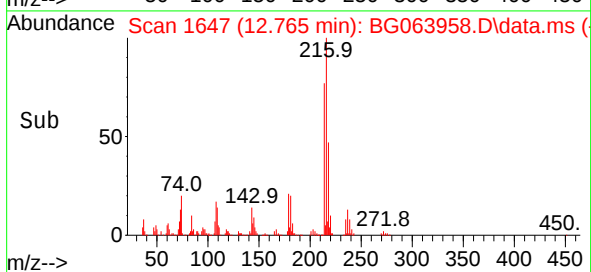
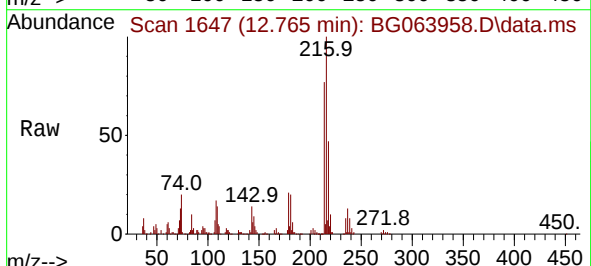
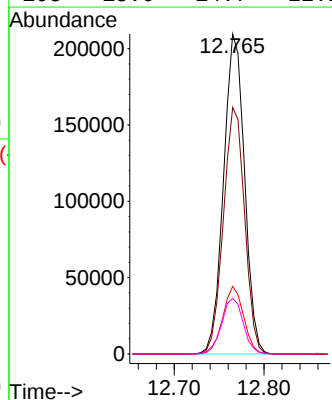
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
|-----|-------|-------|-------|

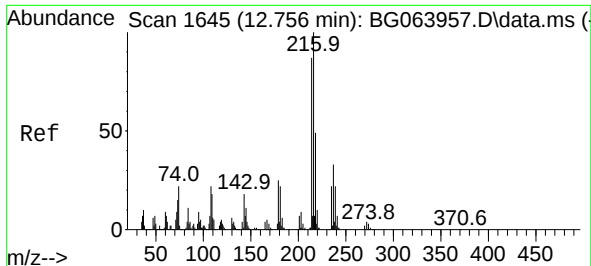
|     |     |  |  |
|-----|-----|--|--|
| 216 | 100 |  |  |
|-----|-----|--|--|

|     |      |      |      |
|-----|------|------|------|
| 214 | 77.9 | 65.0 | 97.6 |
|-----|------|------|------|

|     |      |      |      |
|-----|------|------|------|
| 179 | 20.9 | 17.5 | 26.3 |
|-----|------|------|------|

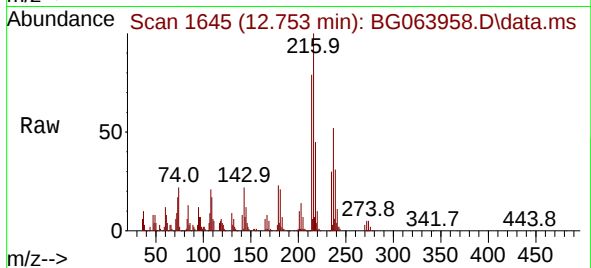
|     |      |      |      |
|-----|------|------|------|
| 108 | 18.0 | 14.7 | 22.1 |
|-----|------|------|------|



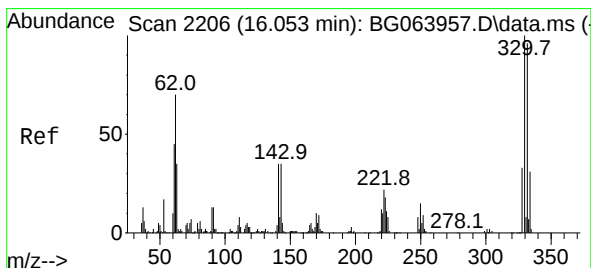
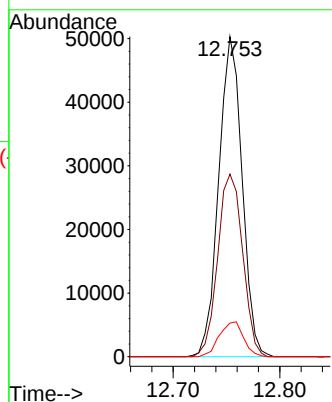
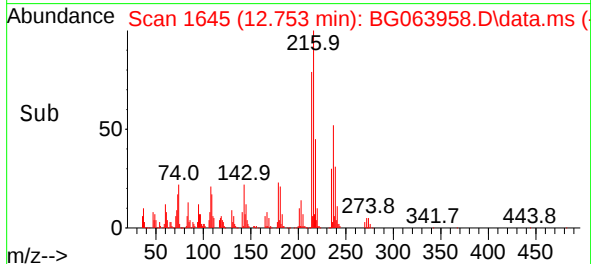


#41  
Hexachlorocyclopentadiene  
Concen: 53.478 ng  
RT: 12.753 min Scan# 1  
Delta R.T. 0.001 min  
Lab File: BG063958.D  
Acq: 24 Jan 2025 15:39

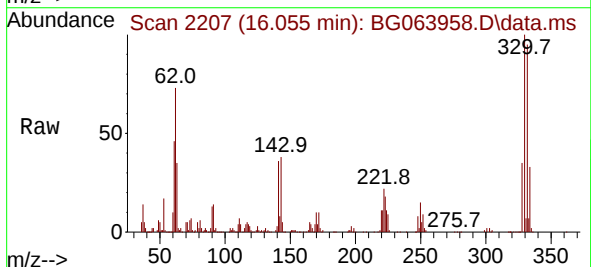
Instrument :  
BNA\_G  
ClientSampleId :



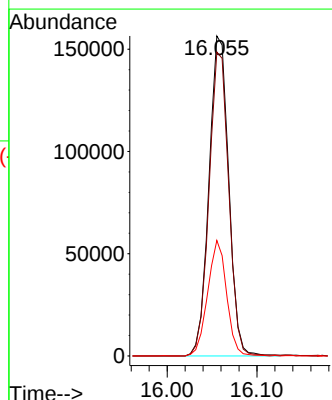
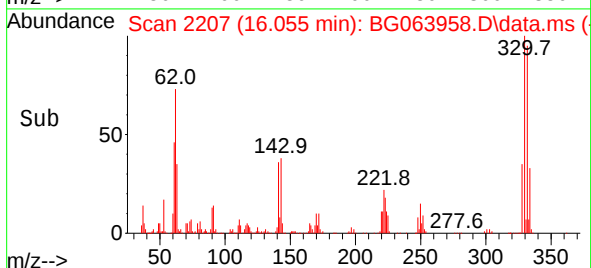
Tgt Ion:237 Resp: 76584  
Ion Ratio Lower Upper  
237 100  
235 57.1 45.5 85.5  
272 10.5 0.0 30.6

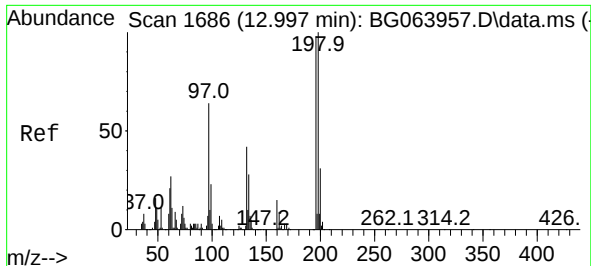


#42  
2,4,6-Tribromophenol  
Concen: 103.939 ng  
RT: 16.055 min Scan# 2207  
Delta R.T. -0.005 min  
Lab File: BG063958.D  
Acq: 24 Jan 2025 15:39



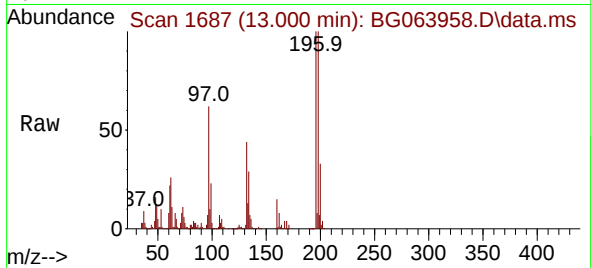
Tgt Ion:330 Resp: 238190  
Ion Ratio Lower Upper  
330 100  
332 95.1 79.4 119.0  
141 34.7 27.4 41.2



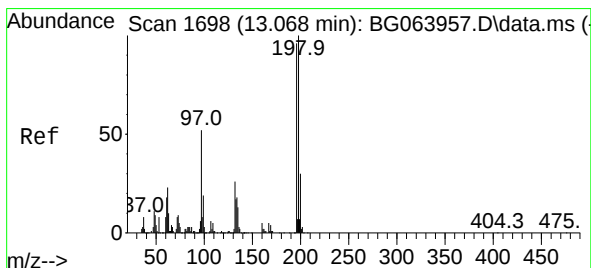
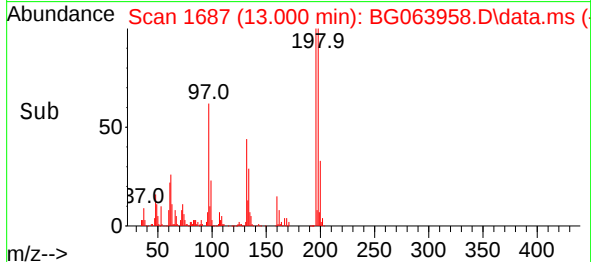
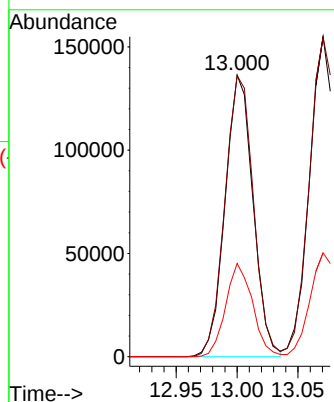


#43  
2,4,6-Trichlorophenol  
Concen: 51.162 ng  
RT: 13.000 min Scan# 1  
Delta R.T. -0.005 min  
Lab File: BG063958.D  
Acq: 24 Jan 2025 15:39

Instrument :  
BNA\_G  
ClientSampleId :

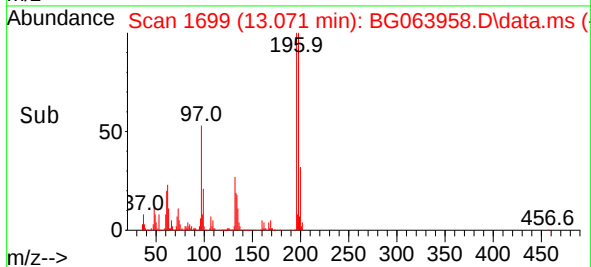
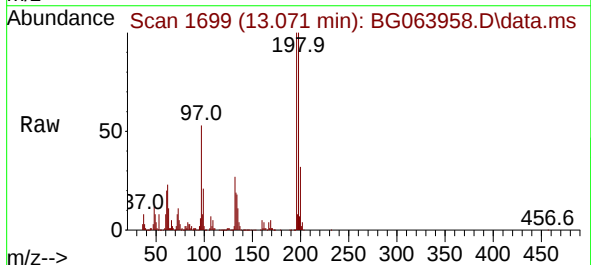
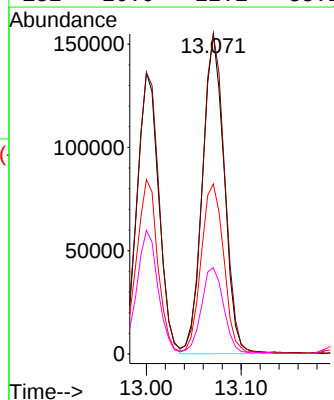


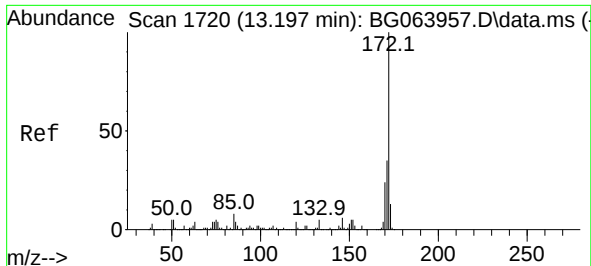
Tgt Ion:196 Resp: 217465  
Ion Ratio Lower Upper  
196 100  
198 99.8 81.7 122.5  
200 33.1 25.4 38.2



#44  
2,4,5-Trichlorophenol  
Concen: 50.046 ng  
RT: 13.071 min Scan# 1699  
Delta R.T. -0.005 min  
Lab File: BG063958.D  
Acq: 24 Jan 2025 15:39

Tgt Ion:196 Resp: 245189  
Ion Ratio Lower Upper  
196 100  
198 99.9 83.4 125.2  
97 53.1 43.8 65.6  
132 26.9 22.1 33.1





#45

2-Fluorobiphenyl

Concen: 94.601 ng

RT: 13.200 min Scan# 1

Delta R.T. -0.005 min

Lab File: BG063958.D

Acq: 24 Jan 2025 15:39

Instrument :

BNA\_G

ClientSampleId :

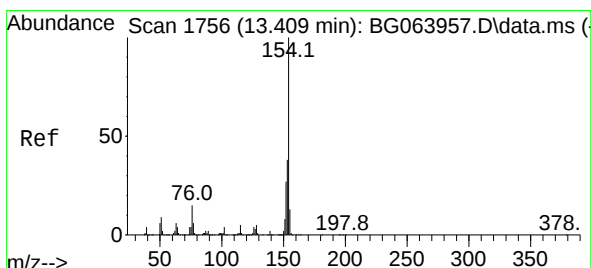
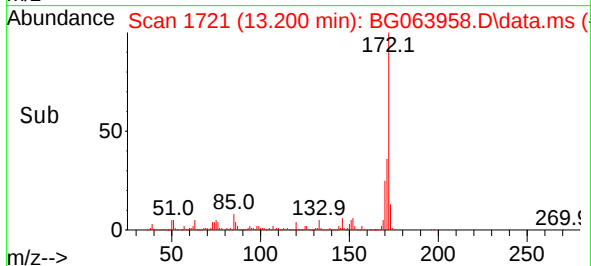
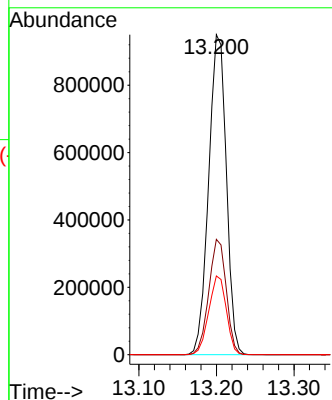
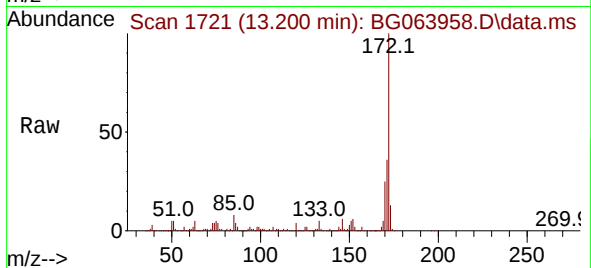
Tgt Ion:172 Resp: 1501753

Ion Ratio Lower Upper

172 100

171 36.0 27.8 41.8

170 24.6 19.3 28.9



#46

1,1'-Biphenyl

Concen: 48.037 ng

RT: 13.411 min Scan# 1757

Delta R.T. 0.001 min

Lab File: BG063958.D

Acq: 24 Jan 2025 15:39

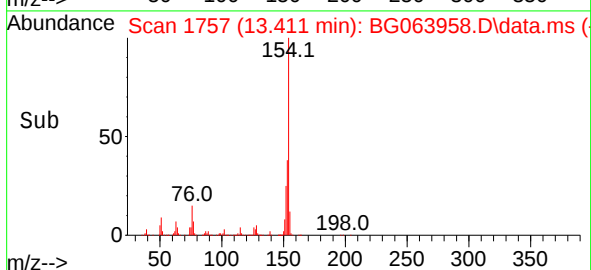
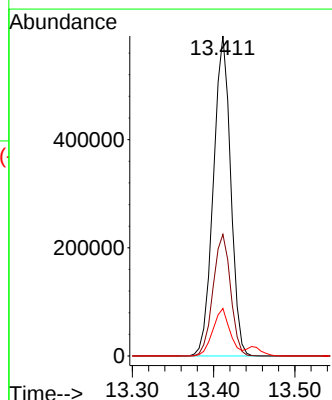
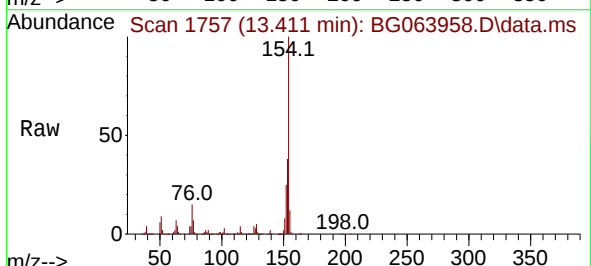
Tgt Ion:154 Resp: 873253

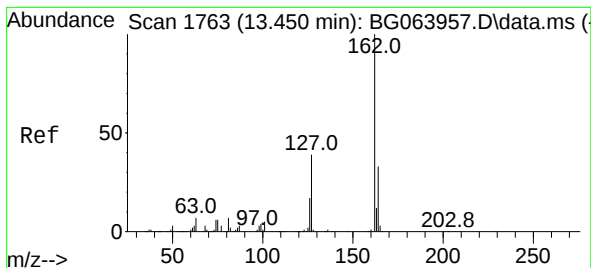
Ion Ratio Lower Upper

154 100

153 38.0 18.3 58.3

76 14.9 0.0 34.7





#47

2-Chloronaphthalene

Concen: 48.332 ng

RT: 13.447 min Scan# 1

Delta R.T. -0.005 min

Lab File: BG063958.D

Acq: 24 Jan 2025 15:39

Instrument :

BNA\_G

ClientSampleId :

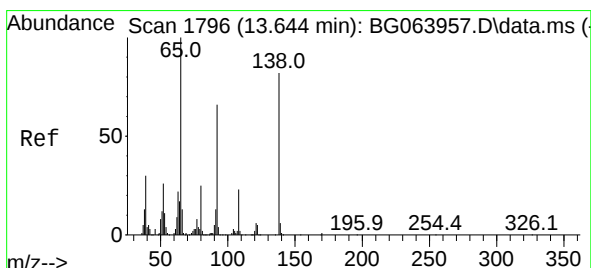
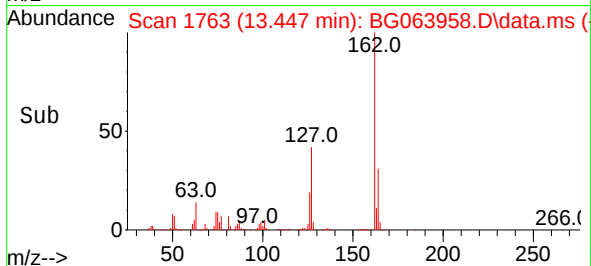
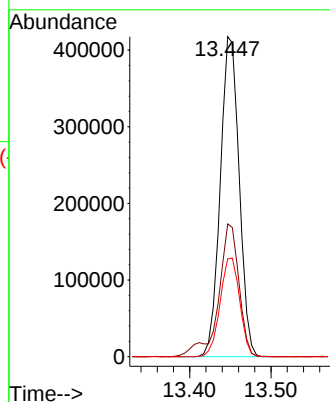
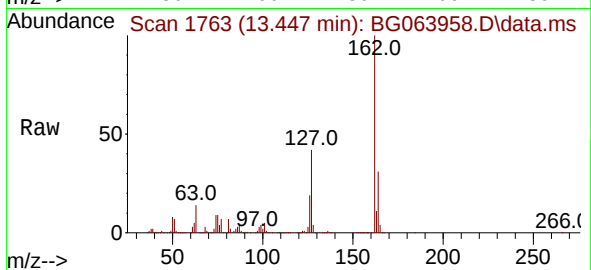
Tgt Ion:162 Resp: 675193

Ion Ratio Lower Upper

162 100

127 41.5 33.0 49.6

164 30.6 26.3 39.5



#48

2-Nitroaniline

Concen: 47.564 ng

RT: 13.646 min Scan# 1797

Delta R.T. 0.001 min

Lab File: BG063958.D

Acq: 24 Jan 2025 15:39

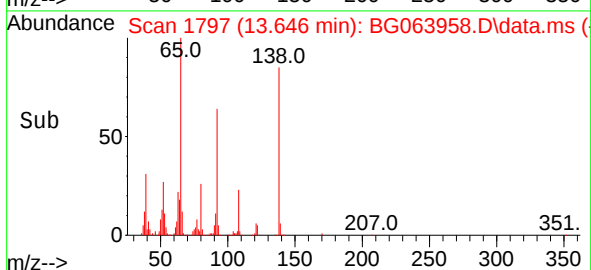
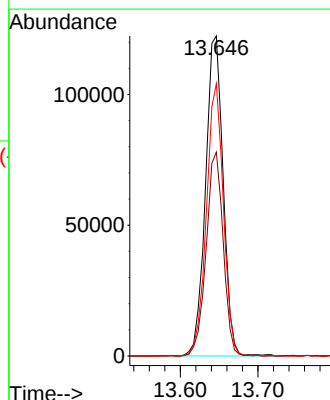
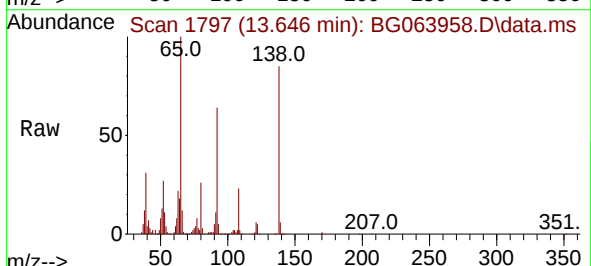
Tgt Ion: 65 Resp: 192767

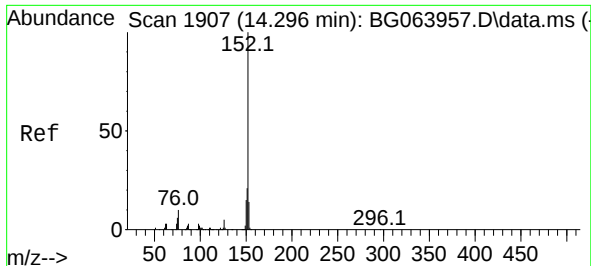
Ion Ratio Lower Upper

65 100

92 63.7 52.4 78.6

138 85.0 65.8 98.6





#49

Acenaphthylene

Concen: 47.686 ng

RT: 14.293 min Scan# 1907

Delta R.T. -0.005 min

Lab File: BG063958.D

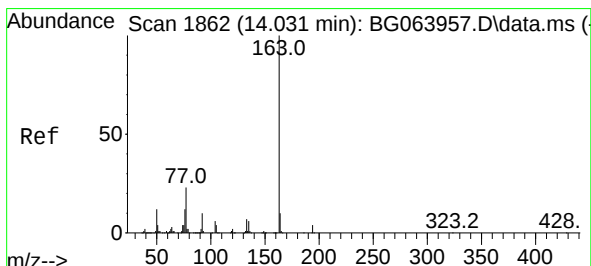
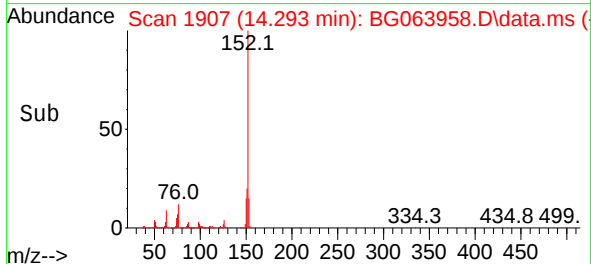
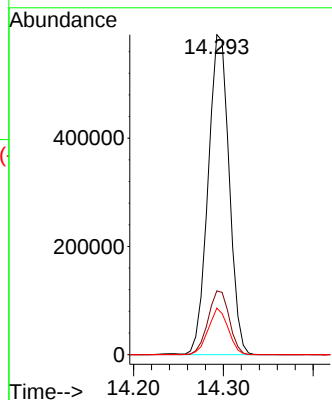
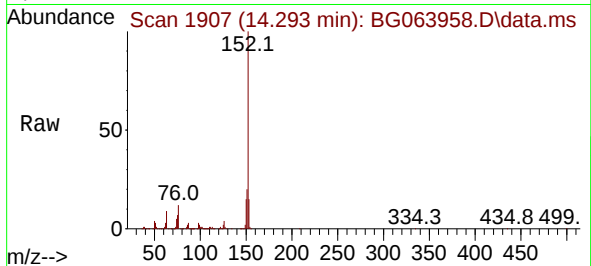
Acq: 24 Jan 2025 15:39

Instrument :

BNA\_G

ClientSampleId :

|             |                |
|-------------|----------------|
| Tgt Ion:152 | Resp: 960305   |
| Ion Ratio   | Lower Upper    |
| 152         | 100            |
| 151         | 20.0 16.6 24.8 |
| 153         | 14.6 11.2 16.8 |



#50

Dimethylphthalate

Concen: 47.789 ng

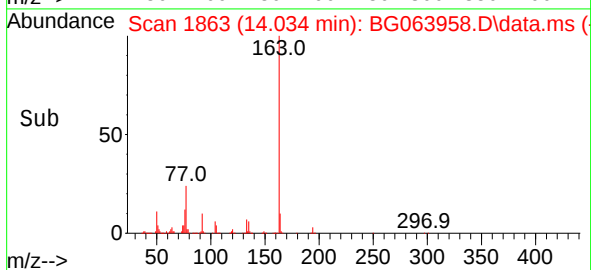
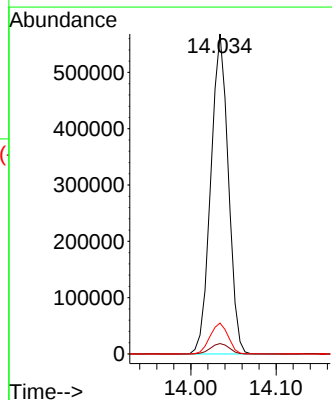
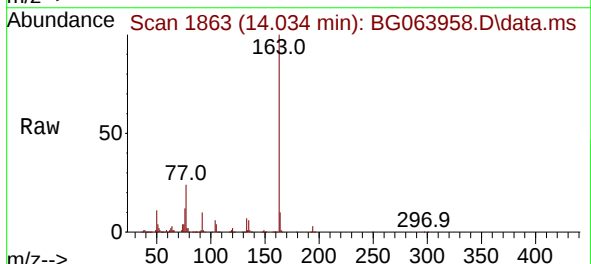
RT: 14.034 min Scan# 1863

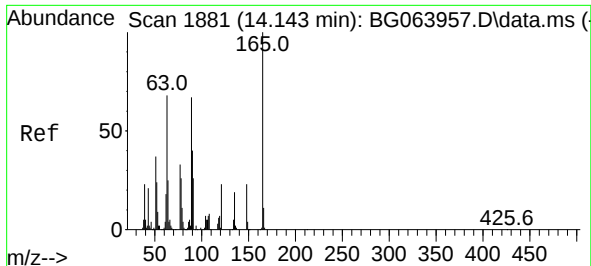
Delta R.T. -0.005 min

Lab File: BG063958.D

Acq: 24 Jan 2025 15:39

|             |              |
|-------------|--------------|
| Tgt Ion:163 | Resp: 811344 |
| Ion Ratio   | Lower Upper  |
| 163         | 100          |
| 194         | 3.3 2.9 4.3  |
| 164         | 9.6 8.1 12.1 |

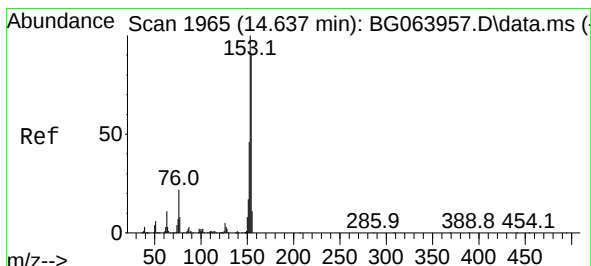
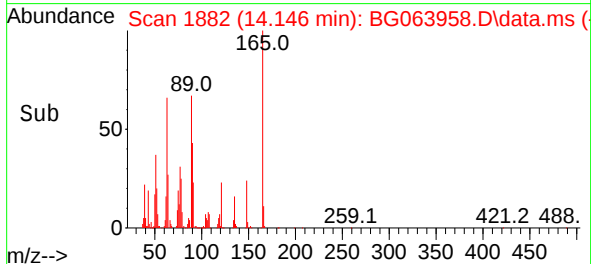
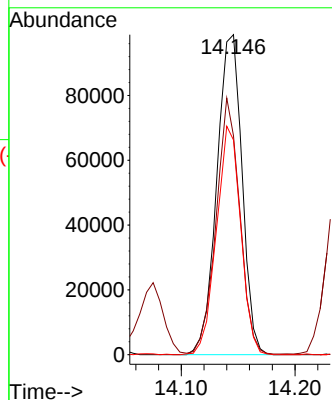
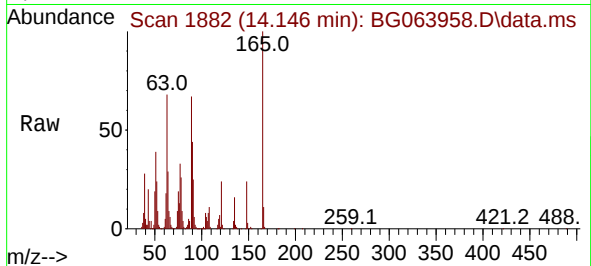




#51  
2,6-Dinitrotoluene  
Concen: 48.714 ng  
RT: 14.146 min Scan# 1882  
Delta R.T. -0.005 min  
Lab File: BG063958.D  
Acq: 24 Jan 2025 15:39

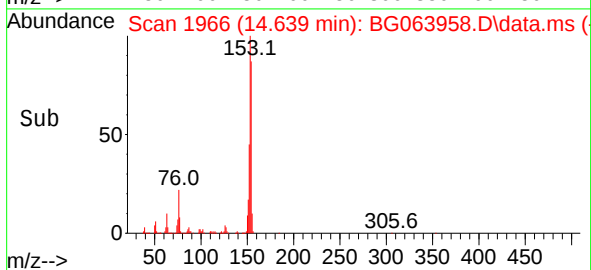
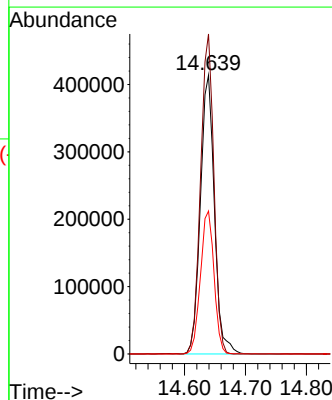
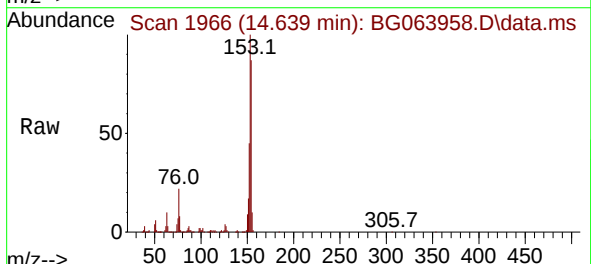
Instrument :  
BNA\_G  
ClientSampleId :

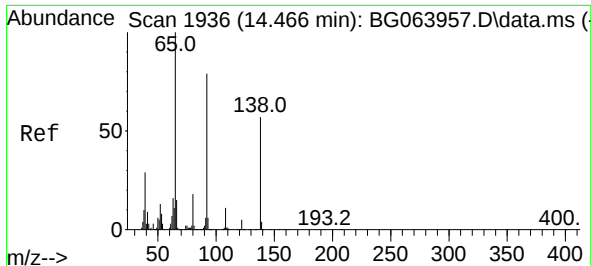
Tgt Ion:165 Resp: 152195  
Ion Ratio Lower Upper  
165 100  
63 68.4 62.2 93.2  
89 67.1 53.8 80.6



#52  
Acenaphthene  
Concen: 47.631 ng  
RT: 14.639 min Scan# 1966  
Delta R.T. 0.001 min  
Lab File: BG063958.D  
Acq: 24 Jan 2025 15:39

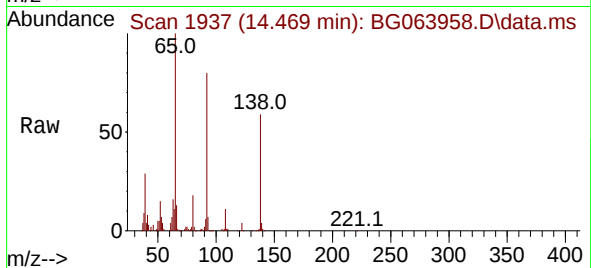
Tgt Ion:154 Resp: 660569  
Ion Ratio Lower Upper  
154 100  
153 114.8 87.6 131.4  
152 51.2 40.6 61.0



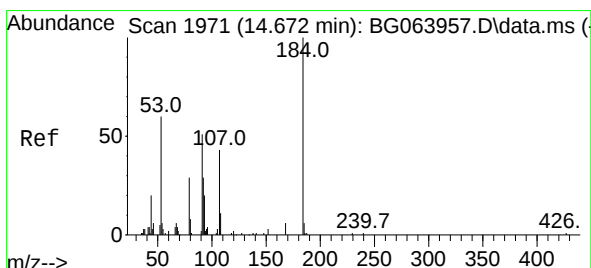
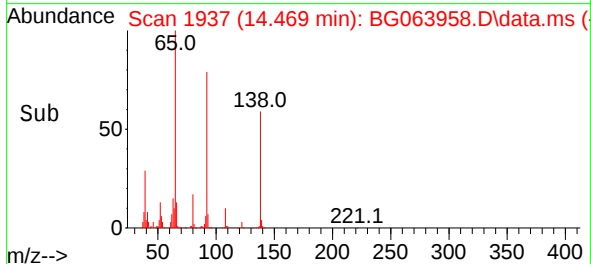
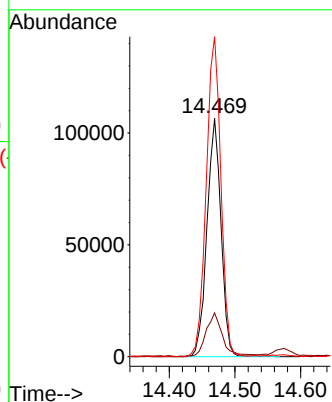


#53  
3-Nitroaniline  
Concen: 48.344 ng  
RT: 14.469 min Scan# 1936  
Delta R.T. -0.005 min  
Lab File: BG063958.D  
Acq: 24 Jan 2025 15:39

Instrument :  
BNA\_G  
ClientSampleId :

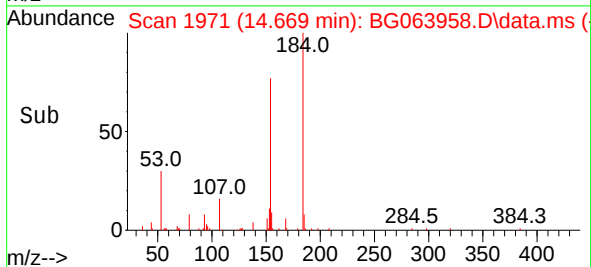
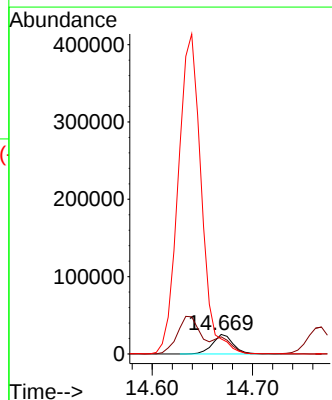
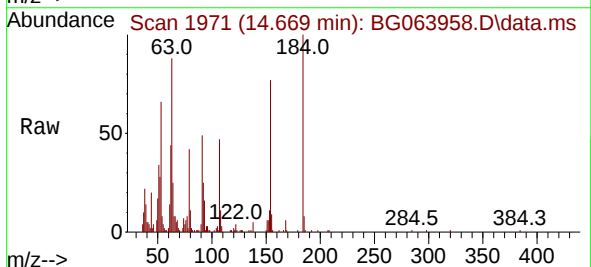


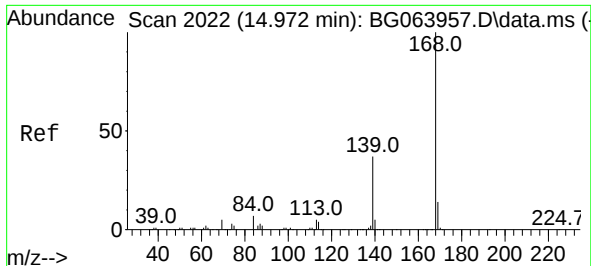
Tgt Ion:138 Resp: 158955  
Ion Ratio Lower Upper  
138 100  
108 18.4 16.5 24.7  
92 134.3 112.0 168.0



#54  
2,4-Dinitrophenol  
Concen: 45.127 ng  
RT: 14.669 min Scan# 1971  
Delta R.T. -0.005 min  
Lab File: BG063958.D  
Acq: 24 Jan 2025 15:39

Tgt Ion:184 Resp: 35763  
Ion Ratio Lower Upper  
184 100  
63 87.7 57.3 85.9#  
154 76.8 49.3 73.9#





#55

Dibenzofuran

Concen: 47.594 ng

RT: 14.974 min Scan# 20

Delta R.T. 0.001 min

Lab File: BG063958.D

Acq: 24 Jan 2025 15:39

Instrument :

BNA\_G

ClientSampleId :

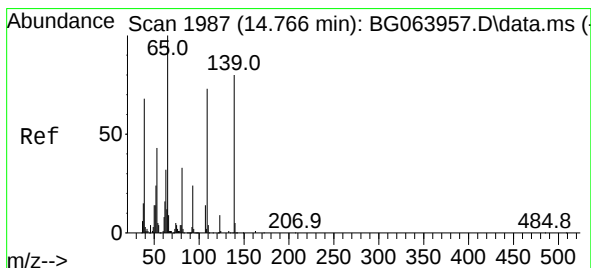
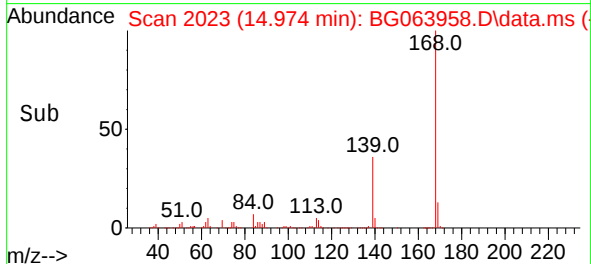
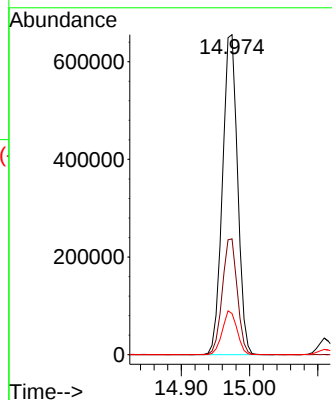
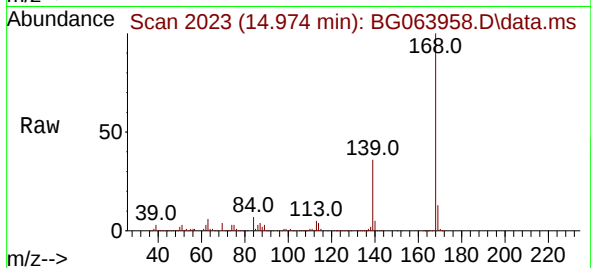
Tgt Ion:168 Resp: 1009134

Ion Ratio Lower Upper

168 100

139 36.2 29.7 44.5

169 12.9 10.9 16.3



#56

4-Nitrophenol

Concen: 47.039 ng

RT: 14.769 min Scan# 1988

Delta R.T. -0.005 min

Lab File: BG063958.D

Acq: 24 Jan 2025 15:39

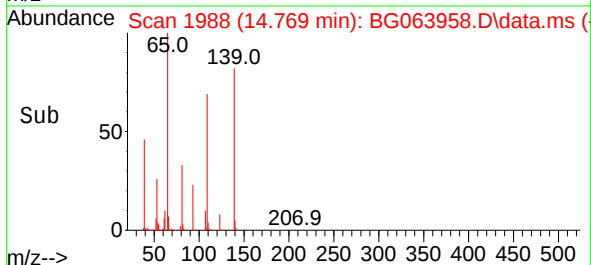
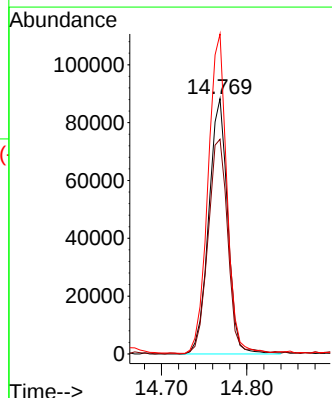
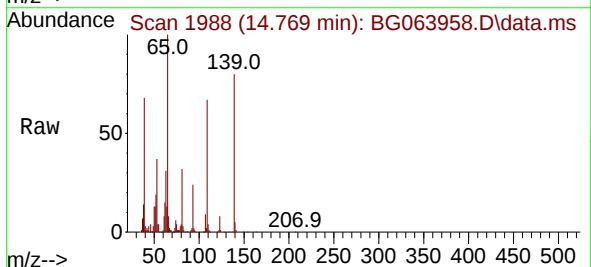
Tgt Ion:139 Resp: 136084

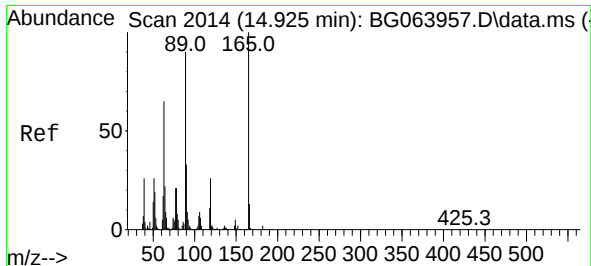
Ion Ratio Lower Upper

139 100

109 84.1 71.3 111.3

65 125.3 105.8 145.8

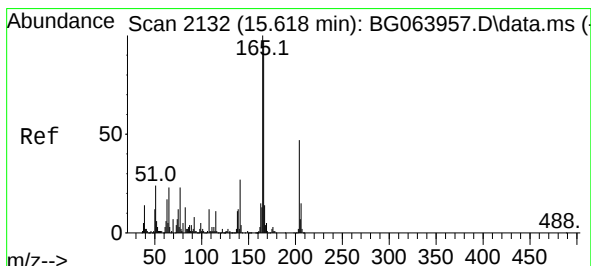
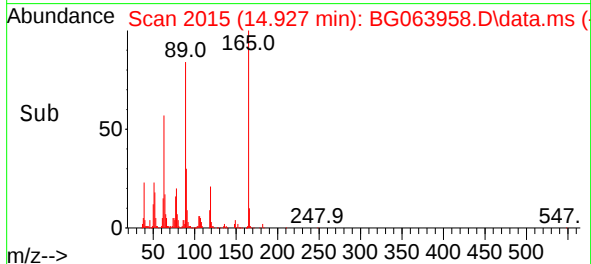
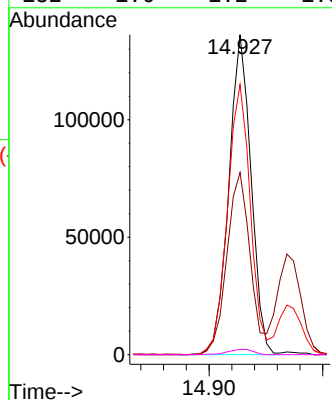
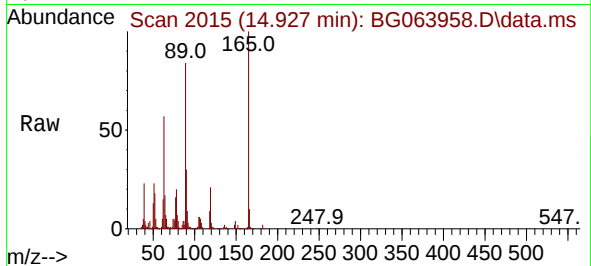




#57  
2,4-Dinitrotoluene  
Concen: 46.946 ng  
RT: 14.927 min Scan# 2015  
Delta R.T. -0.005 min  
Lab File: BG063958.D  
Acq: 24 Jan 2025 15:39

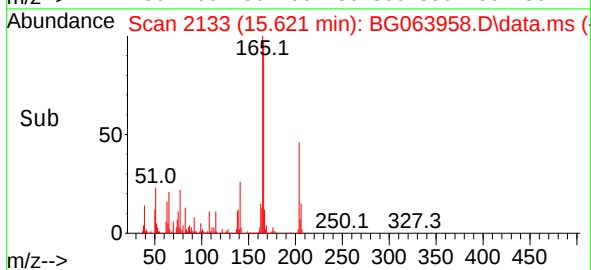
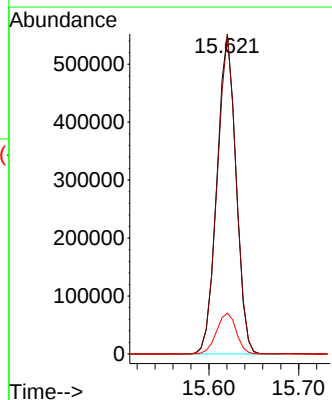
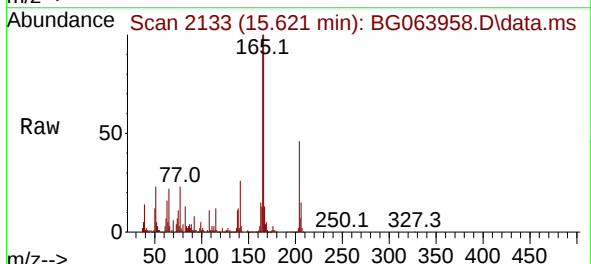
Instrument :  
BNA\_G  
ClientSampleId :

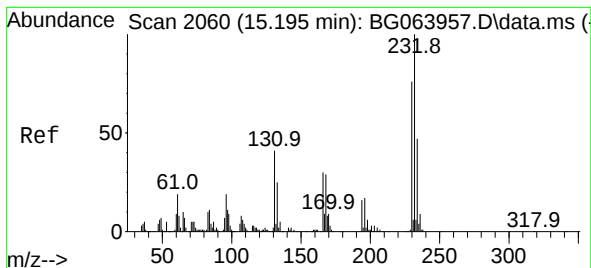
Tgt Ion:165 Resp: 184961  
Ion Ratio Lower Upper  
165 100  
63 57.0 51.9 77.9  
89 84.4 72.2 108.2  
182 1.6 1.2 1.8



#58  
Fluorene  
Concen: 47.200 ng  
RT: 15.621 min Scan# 2133  
Delta R.T. -0.004 min  
Lab File: BG063958.D  
Acq: 24 Jan 2025 15:39

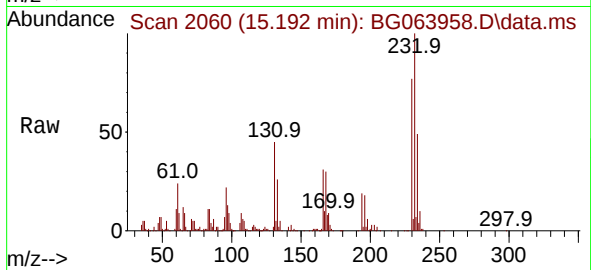
Tgt Ion:166 Resp: 812576  
Ion Ratio Lower Upper  
166 100  
165 100.1 82.6 124.0  
167 12.8 11.2 16.8



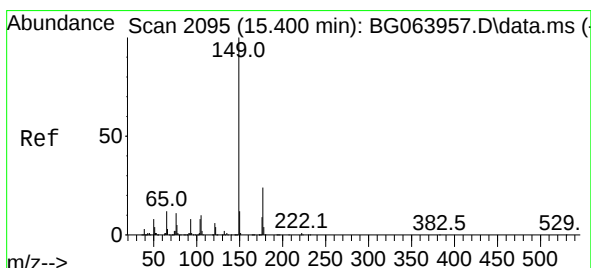
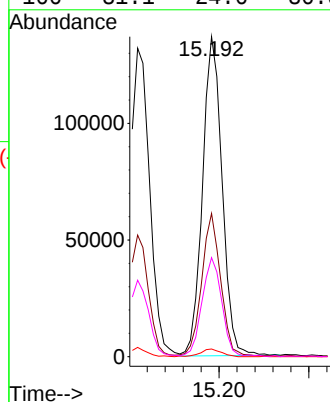
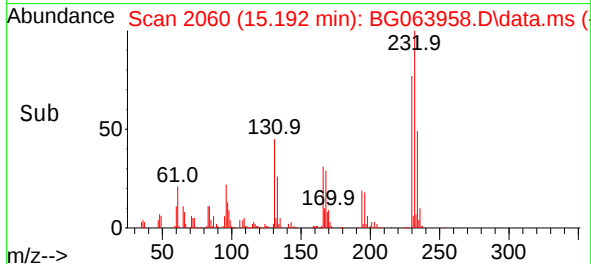


#59  
2,3,4,6-Tetrachlorophenol  
Concen: 50.364 ng  
RT: 15.192 min Scan# 2060  
Delta R.T. -0.005 min  
Lab File: BG063958.D  
Acq: 24 Jan 2025 15:39

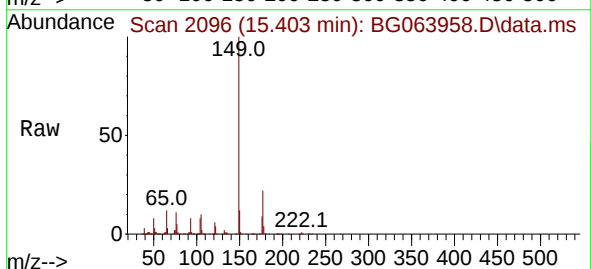
Instrument :  
BNA\_G  
ClientSampleId :



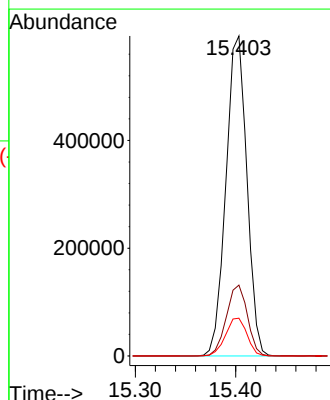
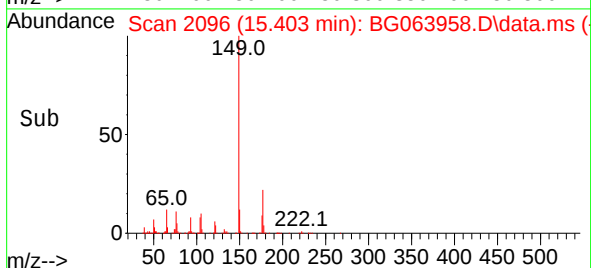
Tgt Ion:232 Resp: 207315  
Ion Ratio Lower Upper  
232 100  
131 43.3 34.9 52.3  
130 2.6 1.9 2.9  
166 31.1 24.6 36.8

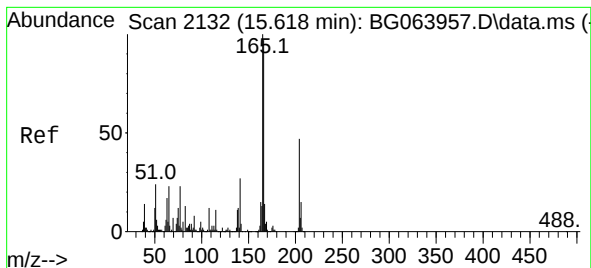


#60  
Diethylphthalate  
Concen: 47.417 ng  
RT: 15.403 min Scan# 2096  
Delta R.T. -0.005 min  
Lab File: BG063958.D  
Acq: 24 Jan 2025 15:39



Tgt Ion:149 Resp: 860635  
Ion Ratio Lower Upper  
149 100  
177 22.1 19.4 29.2  
150 11.8 9.6 14.4

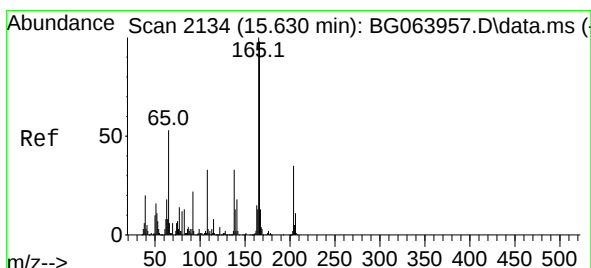
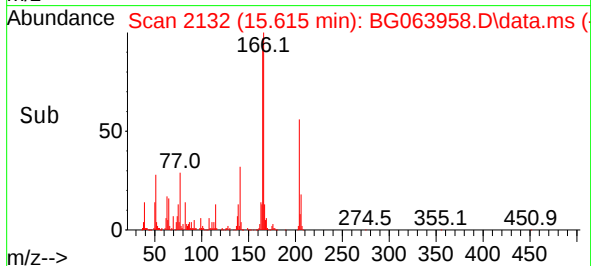
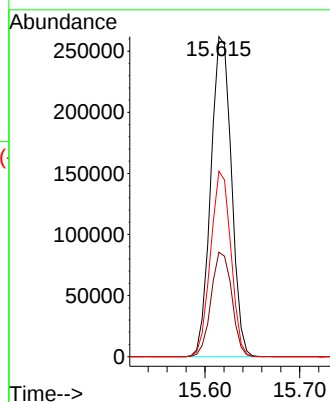
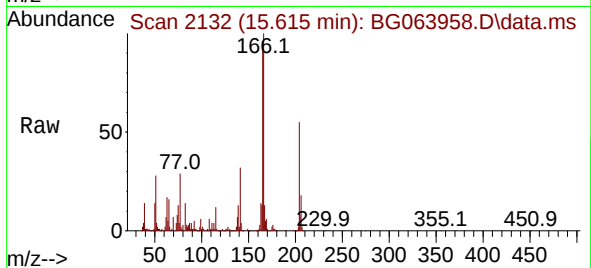




#61  
4-Chlorophenyl-phenylether  
Concen: 46.753 ng  
RT: 15.615 min Scan# 2132  
Delta R.T. -0.005 min  
Lab File: BG063958.D  
Acq: 24 Jan 2025 15:39

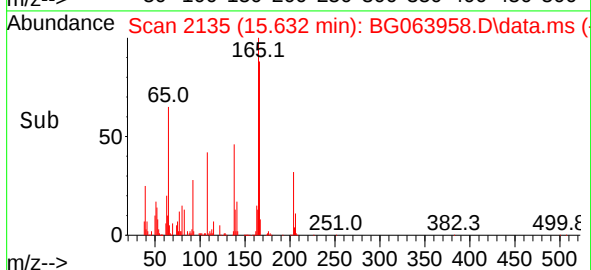
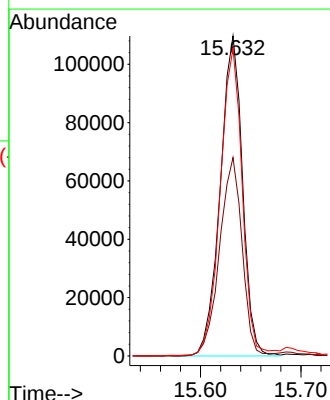
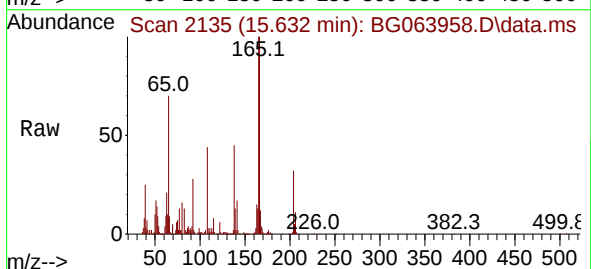
Instrument :  
BNA\_G  
ClientSampleId :

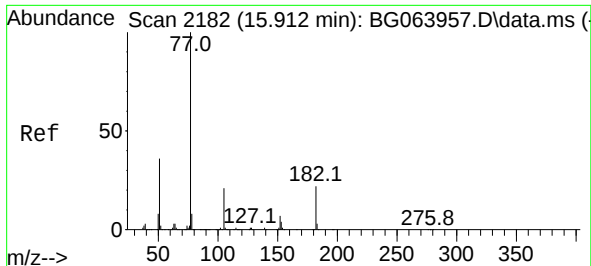
Tgt Ion:204 Resp: 395104  
Ion Ratio Lower Upper  
204 100  
206 32.7 25.7 38.5  
141 57.9 45.6 68.4



#62  
4-Nitroaniline  
Concen: 46.663 ng  
RT: 15.632 min Scan# 2135  
Delta R.T. -0.011 min  
Lab File: BG063958.D  
Acq: 24 Jan 2025 15:39

Tgt Ion:138 Resp: 168890  
Ion Ratio Lower Upper  
138 100  
92 62.0 45.1 85.1  
108 96.1 80.1 120.1

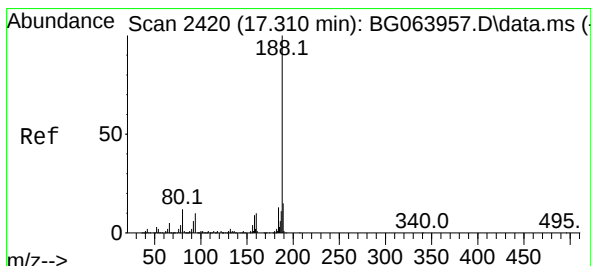
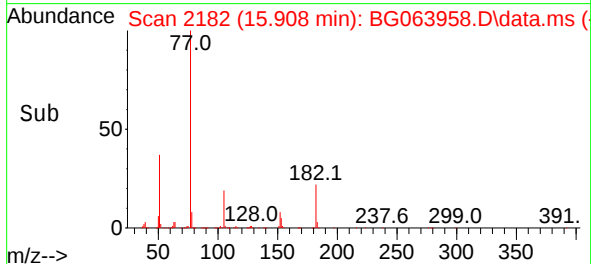
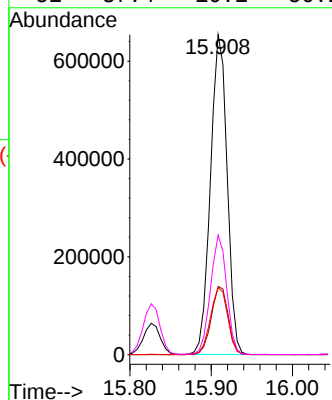
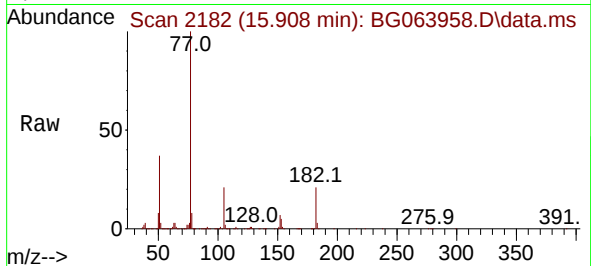




#63  
Azobenzene  
Concen: 47.664 ng  
RT: 15.908 min Scan# 2182  
Delta R.T. -0.005 min  
Lab File: BG063958.D  
Acq: 24 Jan 2025 15:39

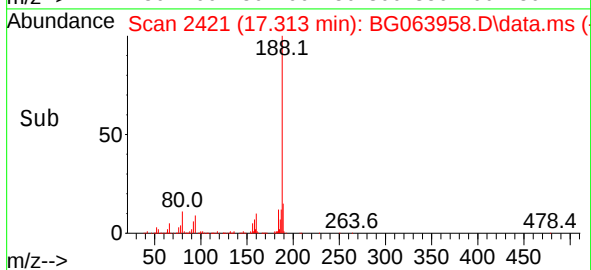
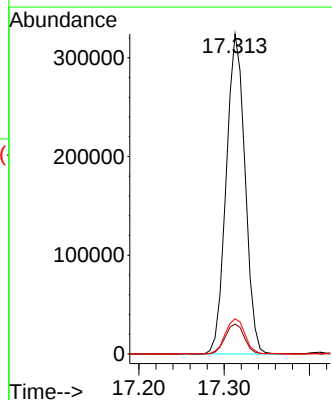
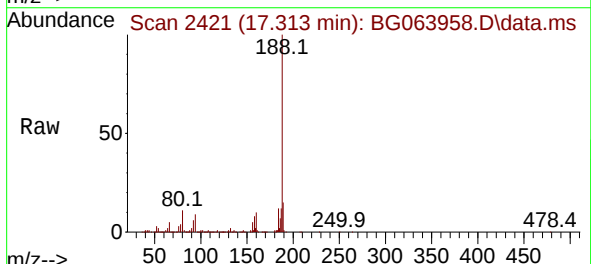
Instrument :  
BNA\_G  
ClientSampleId :

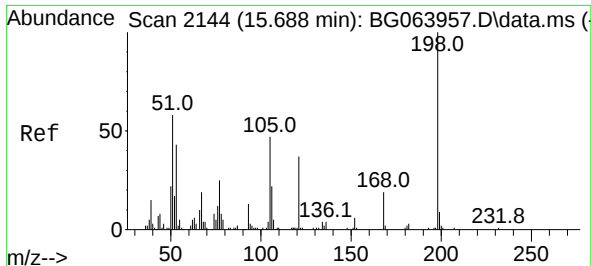
Tgt Ion: 77 Resp: 930449  
Ion Ratio Lower Upper  
77 100  
182 21.3 1.9 41.9  
105 20.9 0.8 40.8  
51 37.4 16.1 56.1



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.313 min Scan# 2421  
Delta R.T. -0.005 min  
Lab File: BG063958.D  
Acq: 24 Jan 2025 15:39

Tgt Ion:188 Resp: 495674  
Ion Ratio Lower Upper  
188 100  
94 9.4 8.4 12.6  
80 11.0 9.8 14.6

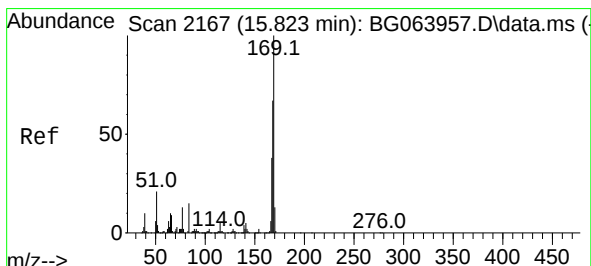
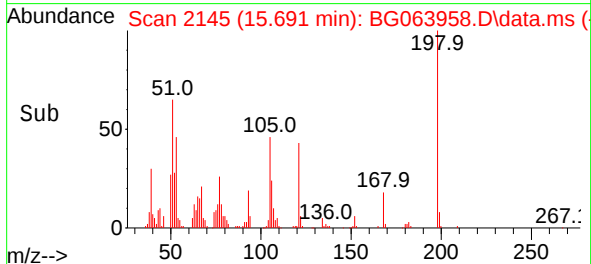
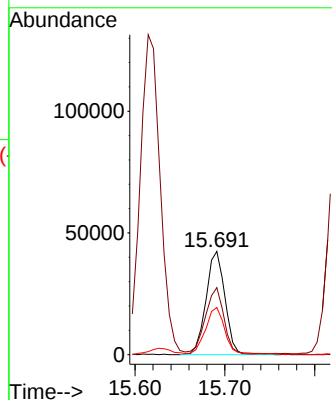
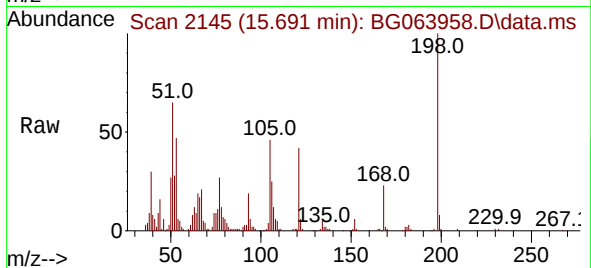




#65  
4,6-Dinitro-2-methylphenol  
Concen: 48.283 ng  
RT: 15.691 min Scan# 2145  
Delta R.T. -0.005 min  
Lab File: BG063958.D  
Acq: 24 Jan 2025 15:39

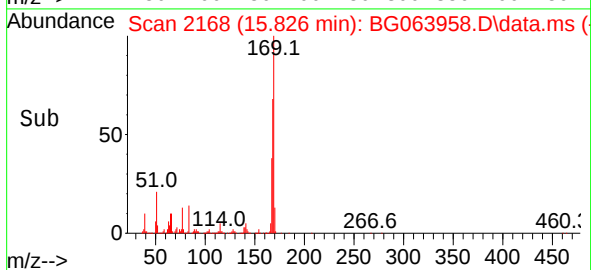
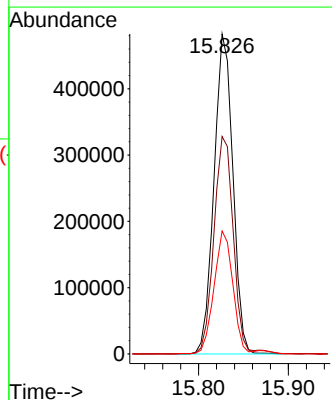
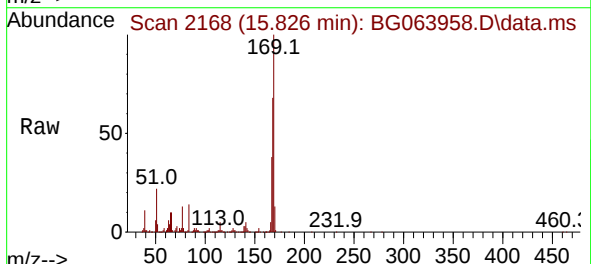
Instrument :  
BNA\_G  
ClientSampleId :

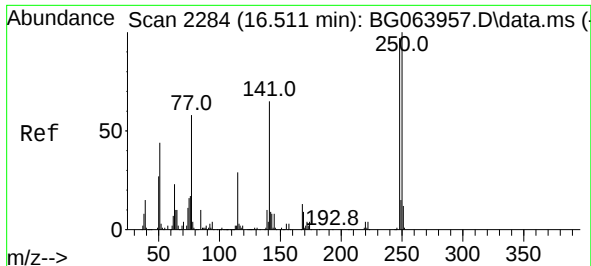
Tgt Ion:198 Resp: 61882  
Ion Ratio Lower Upper  
198 100  
51 65.0 43.0 83.0  
105 45.6 28.9 68.9



#66  
n-Nitrosodiphenylamine  
Concen: 47.864 ng  
RT: 15.826 min Scan# 2168  
Delta R.T. -0.005 min  
Lab File: BG063958.D  
Acq: 24 Jan 2025 15:39

Tgt Ion:169 Resp: 703258  
Ion Ratio Lower Upper  
169 100  
168 67.9 54.0 81.0  
167 38.5 30.9 46.3

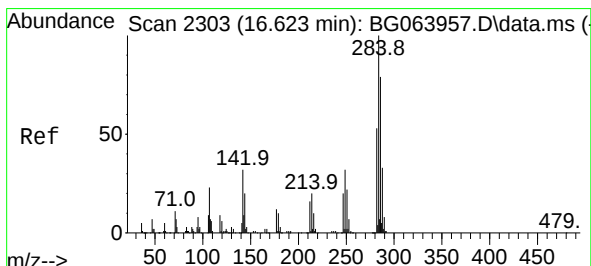
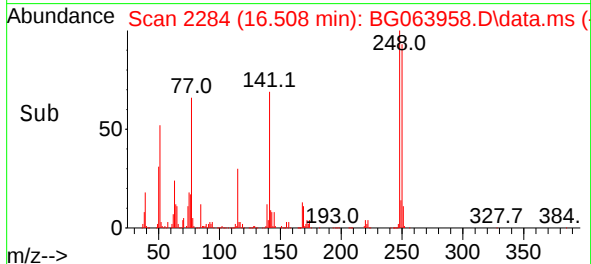
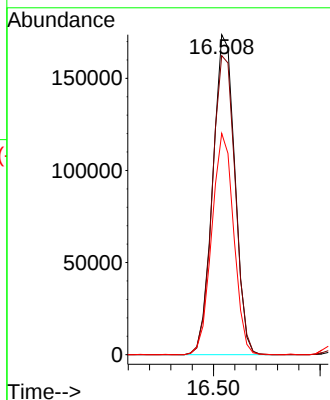
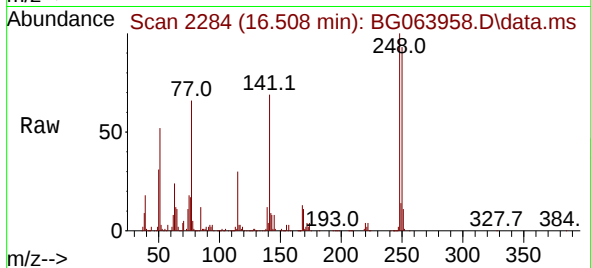




#67  
4-Bromophenyl-phenylether  
Concen: 48.502 ng  
RT: 16.508 min Scan# 21  
Delta R.T. -0.005 min  
Lab File: BG063958.D  
Acq: 24 Jan 2025 15:39

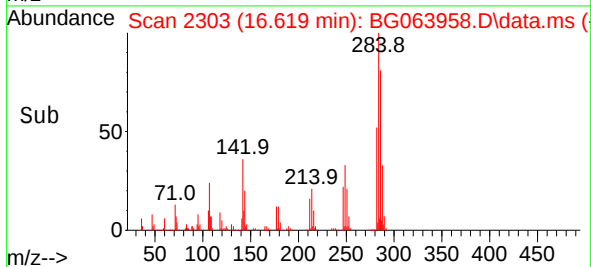
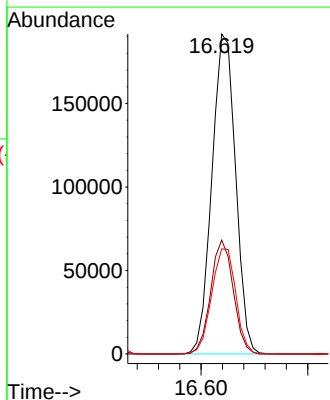
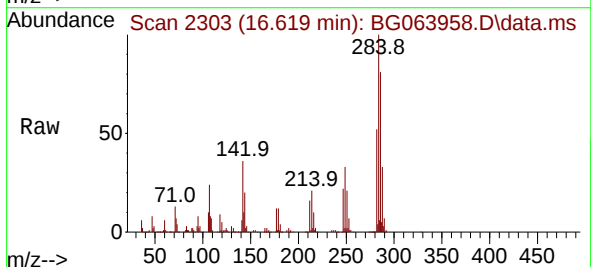
Instrument :  
BNA\_G  
ClientSampleId :

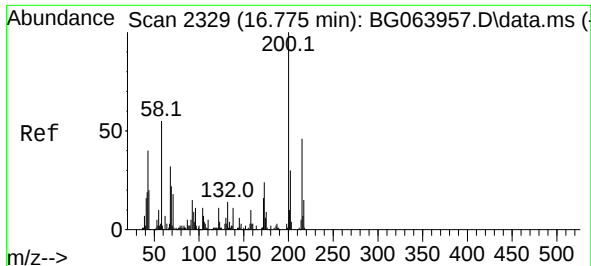
Tgt Ion:248 Resp: 249492  
Ion Ratio Lower Upper  
248 100  
250 93.4 82.2 123.2  
141 69.1 53.2 79.8



#68  
Hexachlorobenzene  
Concen: 48.495 ng  
RT: 16.619 min Scan# 2303  
Delta R.T. -0.005 min  
Lab File: BG063958.D  
Acq: 24 Jan 2025 15:39

Tgt Ion:284 Resp: 295316  
Ion Ratio Lower Upper  
284 100  
142 35.6 25.9 38.9  
249 32.9 25.4 38.2

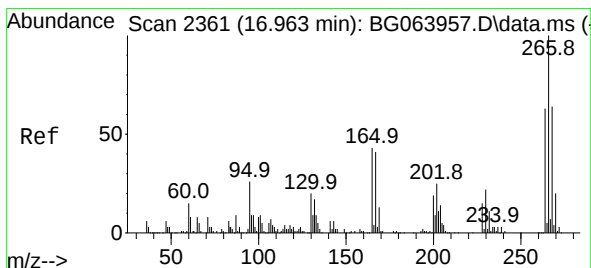
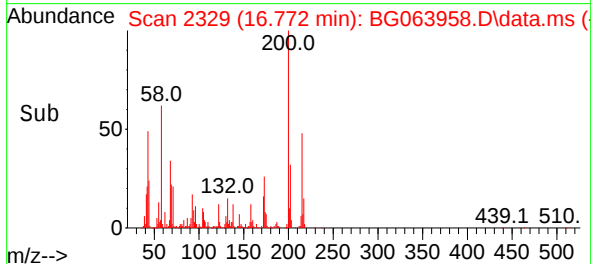
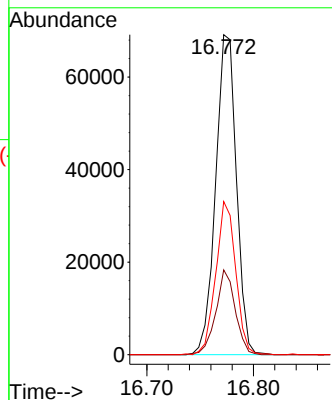
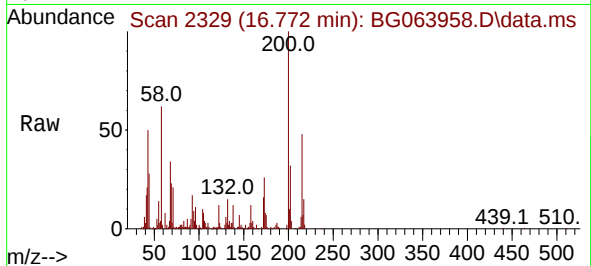




#69  
 Atrazine  
 Concen: 43.984 ng  
 RT: 16.772 min Scan# 2329  
 Delta R.T. -0.005 min  
 Lab File: BG063958.D  
 Acq: 24 Jan 2025 15:39

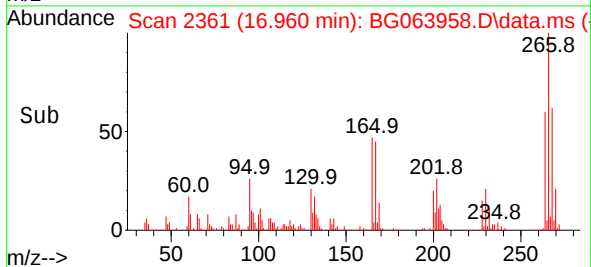
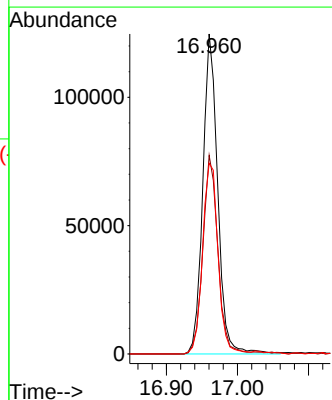
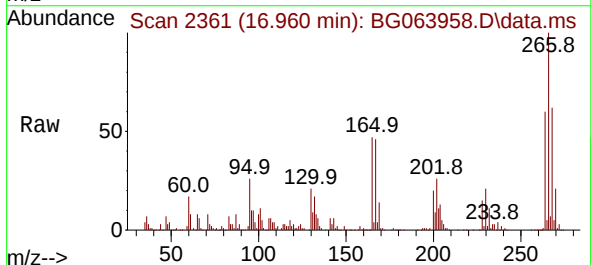
Instrument :  
 BNA\_G  
 ClientSampleId :

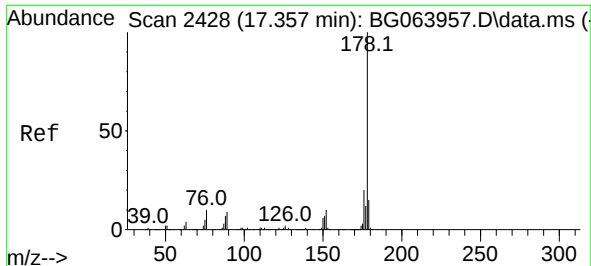
Tgt Ion:200 Resp: 93389  
 Ion Ratio Lower Upper  
 200 100  
 173 26.5 4.0 44.0  
 215 47.8 25.7 65.7



#70  
 Pentachlorophenol  
 Concen: 51.091 ng  
 RT: 16.960 min Scan# 2361  
 Delta R.T. -0.005 min  
 Lab File: BG063958.D  
 Acq: 24 Jan 2025 15:39

Tgt Ion:266 Resp: 182212  
 Ion Ratio Lower Upper  
 266 100  
 268 62.1 51.4 77.2  
 264 59.6 50.1 75.1

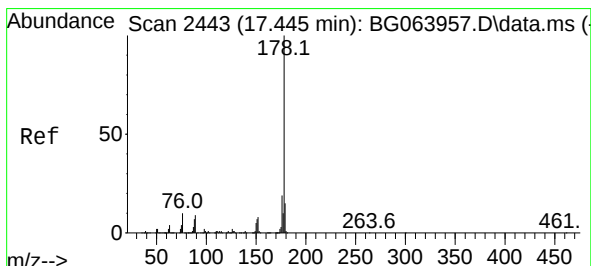
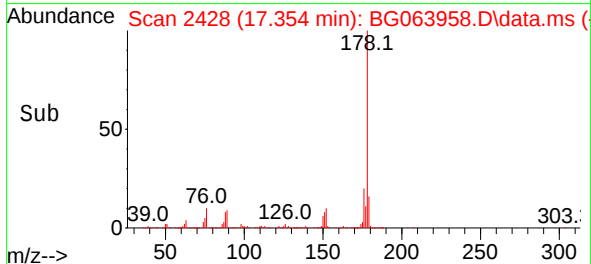
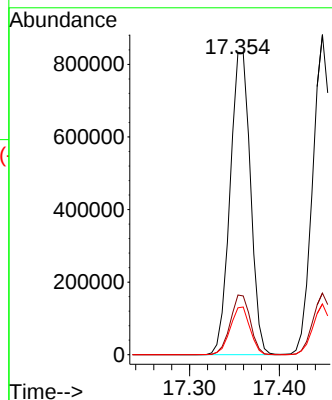
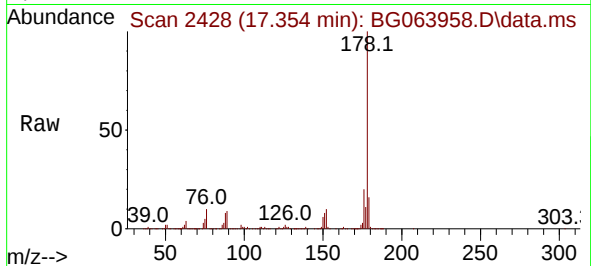




#71  
Phenanthrene  
Concen: 47.608 ng  
RT: 17.354 min Scan# 2428  
Delta R.T. -0.005 min  
Lab File: BG063958.D  
Acq: 24 Jan 2025 15:39

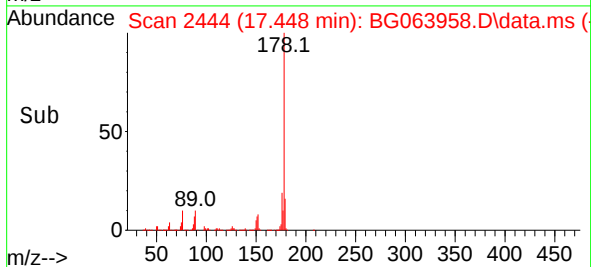
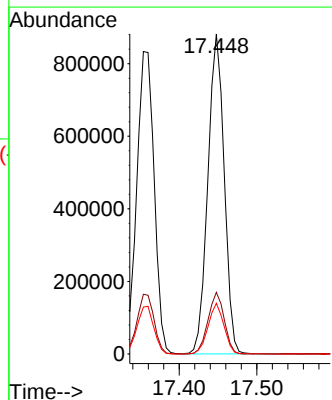
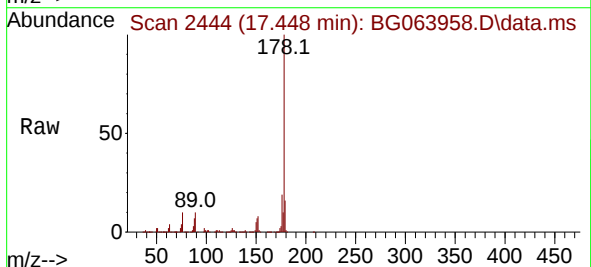
Instrument :  
BNA\_G  
ClientSampleId :

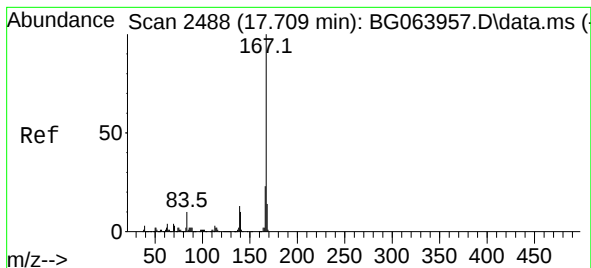
Tgt Ion:178 Resp: 1311102  
Ion Ratio Lower Upper  
178 100  
176 19.7 16.2 24.2  
179 15.5 12.2 18.4



#72  
Anthracene  
Concen: 47.787 ng  
RT: 17.448 min Scan# 2444  
Delta R.T. -0.005 min  
Lab File: BG063958.D  
Acq: 24 Jan 2025 15:39

Tgt Ion:178 Resp: 1290817  
Ion Ratio Lower Upper  
178 100  
176 19.2 15.4 23.2  
179 15.9 12.1 18.1





#73

Carbazole

Concen: 46.725 ng

RT: 17.712 min Scan# 2489

Delta R.T. -0.005 min

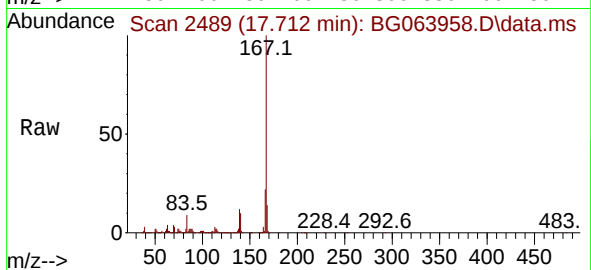
Lab File: BG063958.D

Acq: 24 Jan 2025 15:39

Instrument :

BNA\_G

ClientSampleId :



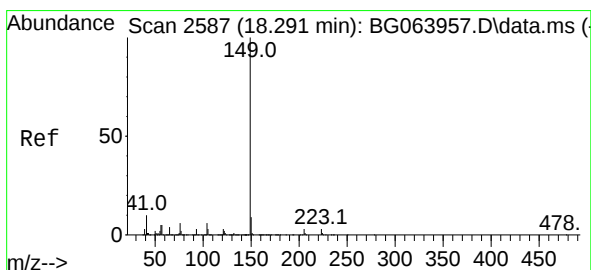
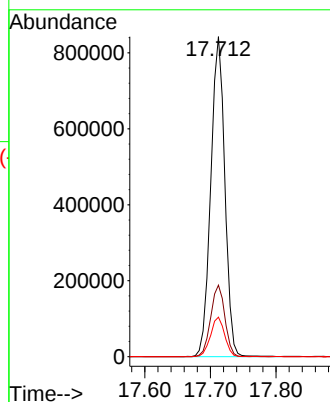
Tgt Ion:167 Resp: 1252650

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
|-----|-------|-------|-------|

|     |     |  |  |
|-----|-----|--|--|
| 167 | 100 |  |  |
|-----|-----|--|--|

|     |      |      |      |
|-----|------|------|------|
| 166 | 22.3 | 18.6 | 27.8 |
|-----|------|------|------|

|     |      |      |      |
|-----|------|------|------|
| 139 | 12.4 | 10.3 | 15.5 |
|-----|------|------|------|



#74

Di-n-butylphthalate

Concen: 47.838 ng

RT: 18.288 min Scan# 2587

Delta R.T. -0.005 min

Lab File: BG063958.D

Acq: 24 Jan 2025 15:39

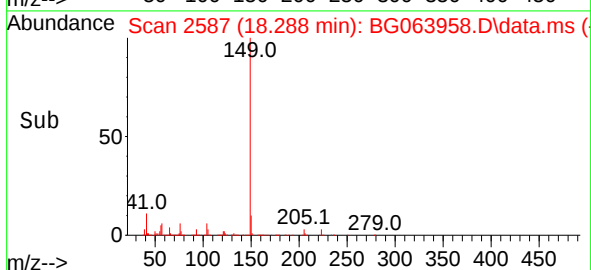
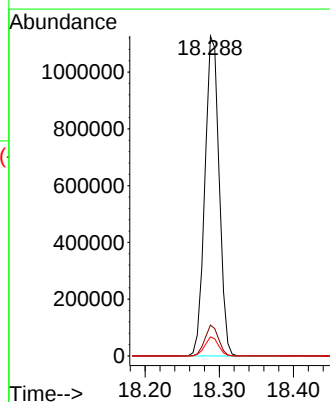
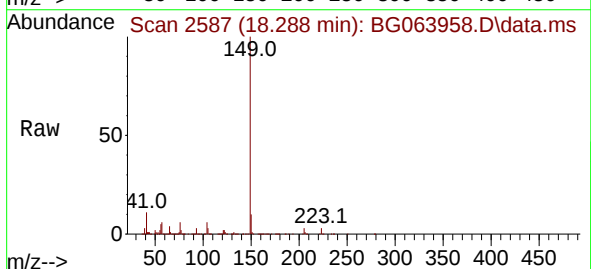
Tgt Ion:149 Resp: 1509217

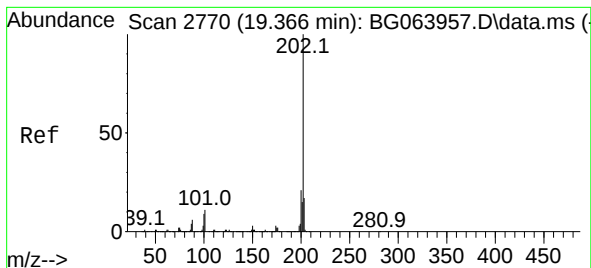
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
|-----|-------|-------|-------|

|     |     |  |  |
|-----|-----|--|--|
| 149 | 100 |  |  |
|-----|-----|--|--|

|     |     |     |      |
|-----|-----|-----|------|
| 150 | 9.7 | 7.2 | 10.8 |
|-----|-----|-----|------|

|     |     |     |     |
|-----|-----|-----|-----|
| 104 | 6.0 | 4.4 | 6.6 |
|-----|-----|-----|-----|





#75

Fluoranthene

Concen: 46.202 ng

RT: 19.363 min Scan# 21

Delta R.T. -0.005 min

Lab File: BG063958.D

Acq: 24 Jan 2025 15:39

Instrument :

BNA\_G

ClientSampleId :

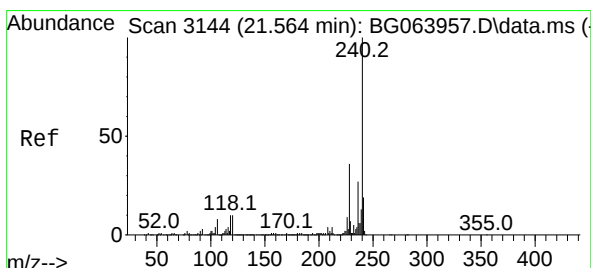
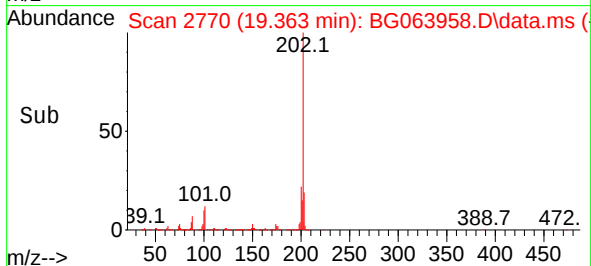
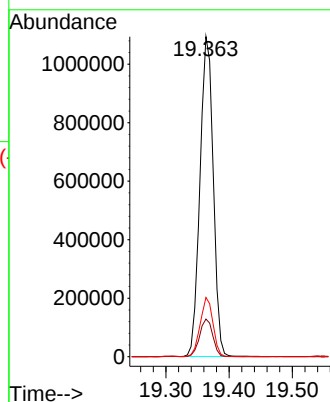
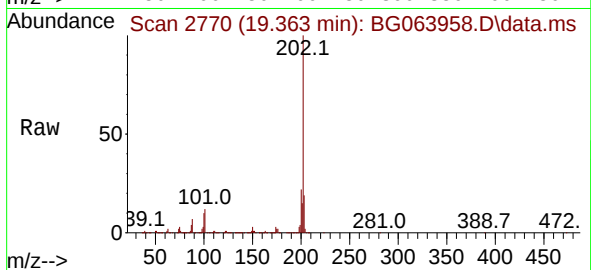
Tgt Ion:202 Resp: 1591989

Ion Ratio Lower Upper

202 100

101 11.7 0.0 31.4

203 18.5 0.0 37.2



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.561 min Scan# 3144

Delta R.T. -0.005 min

Lab File: BG063958.D

Acq: 24 Jan 2025 15:39

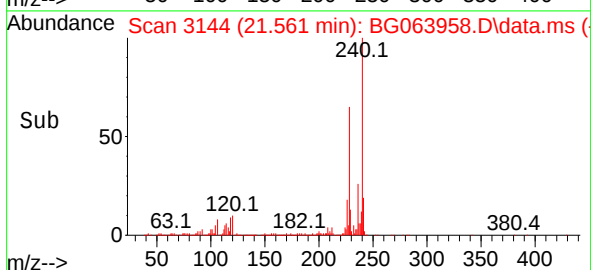
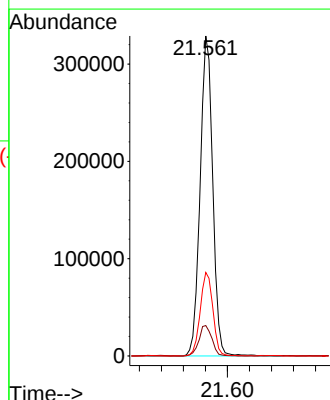
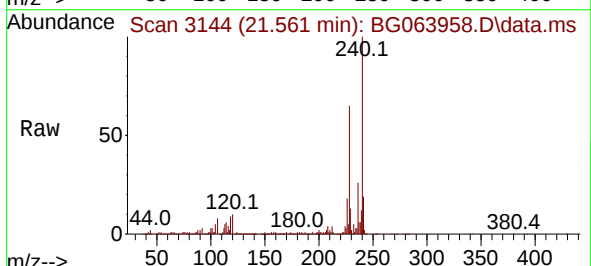
Tgt Ion:240 Resp: 522708

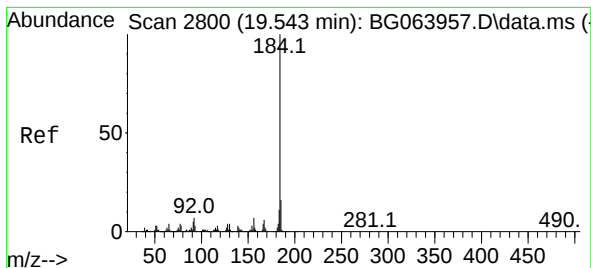
Ion Ratio Lower Upper

240 100

120 9.5 7.8 11.6

236 26.1 21.3 31.9





#77

Benzidine

Concen: 48.264 ng

RT: 19.545 min Scan# 2801

Delta R.T. -0.005 min

Lab File: BG063958.D

Acq: 24 Jan 2025 15:39

Instrument :

BNA\_G

ClientSampleId :

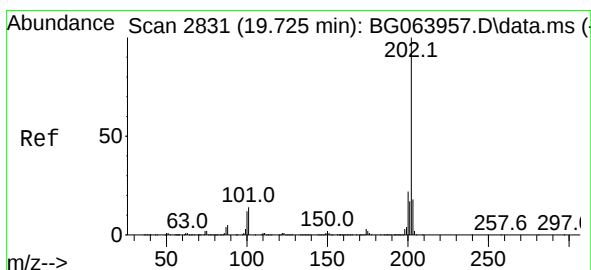
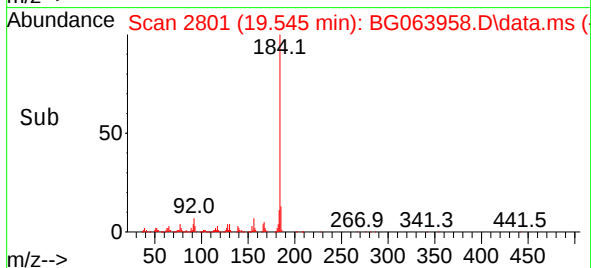
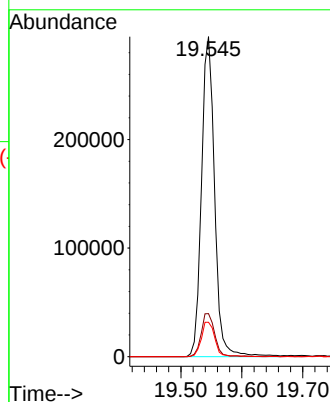
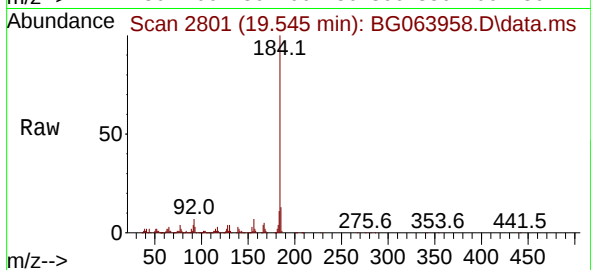
Tgt Ion:184 Resp: 440621

Ion Ratio Lower Upper

184 100

185 13.5 12.6 18.8

183 10.7 8.8 13.2



#78

Pyrene

Concen: 48.347 ng

RT: 19.727 min Scan# 2832

Delta R.T. 0.000 min

Lab File: BG063958.D

Acq: 24 Jan 2025 15:39

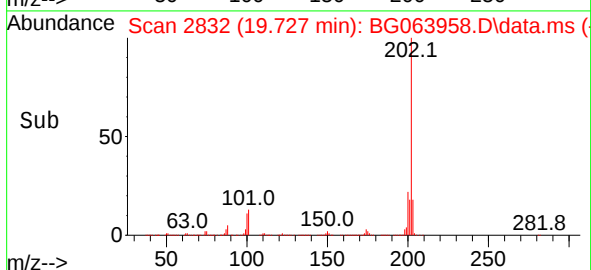
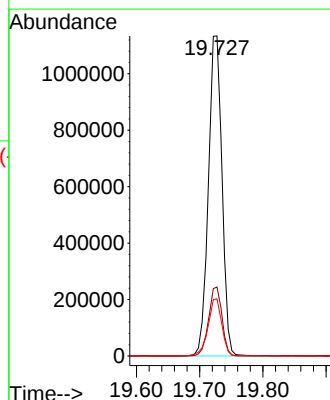
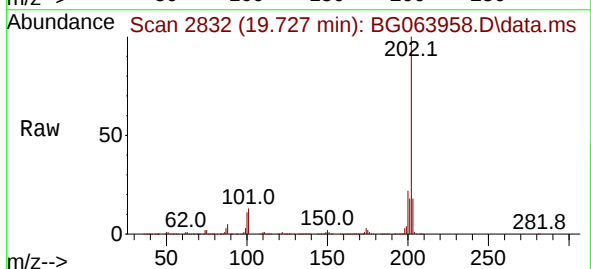
Tgt Ion:202 Resp: 1690868

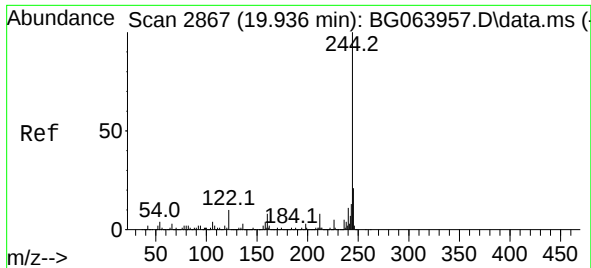
Ion Ratio Lower Upper

202 100

200 21.6 17.2 25.8

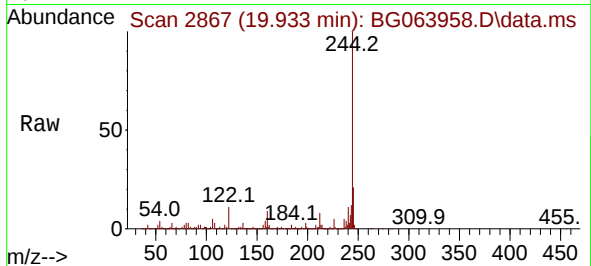
203 17.9 14.2 21.2



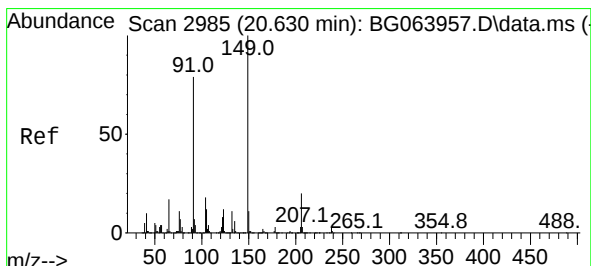
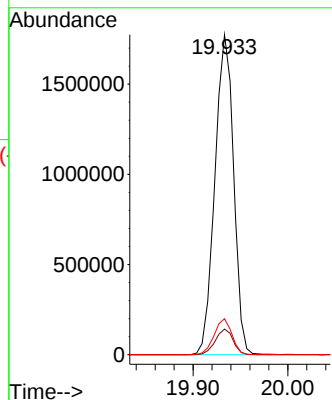
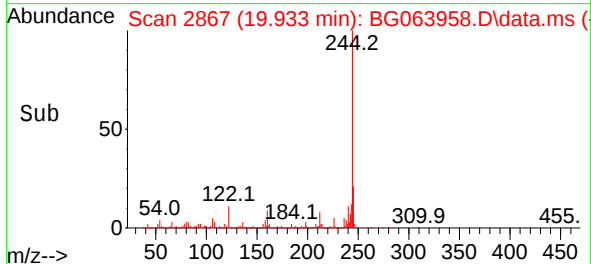


#79  
 Terphenyl-d14  
 Concen: 93.031 ng  
 RT: 19.933 min Scan# 21  
 Delta R.T. -0.005 min  
 Lab File: BG063958.D  
 Acq: 24 Jan 2025 15:39

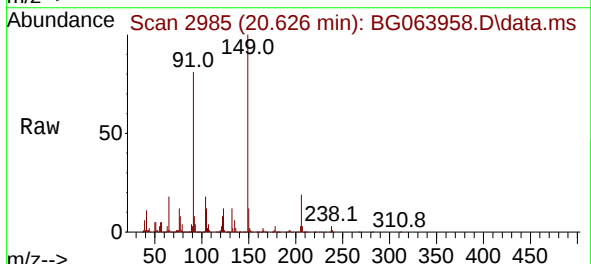
Instrument :  
 BNA\_G  
 ClientSampleId :



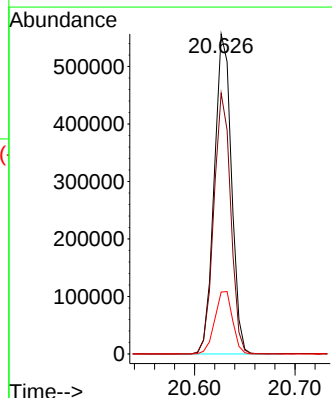
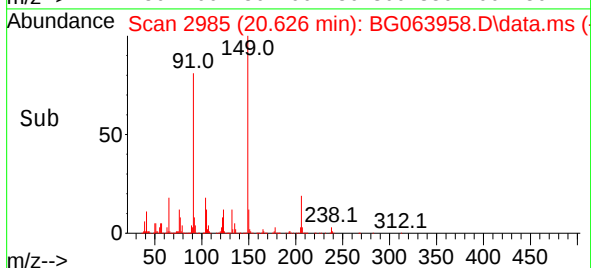
Tgt Ion:244 Resp: 2433324  
 Ion Ratio Lower Upper  
 244 100  
 212 8.0 6.0 9.0  
 122 11.2 8.2 12.4

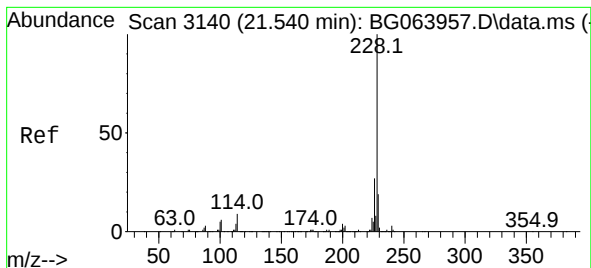


#80  
 Butylbenzylphthalate  
 Concen: 51.231 ng  
 RT: 20.626 min Scan# 2985  
 Delta R.T. -0.005 min  
 Lab File: BG063958.D  
 Acq: 24 Jan 2025 15:39



Tgt Ion:149 Resp: 661146  
 Ion Ratio Lower Upper  
 149 100  
 91 81.5 63.0 94.4  
 206 19.4 15.8 23.6





#81

Benzo(a)anthracene

Concen: 47.892 ng

RT: 21.543 min Scan# 3140

Delta R.T. -0.005 min

Lab File: BG063958.D

Acq: 24 Jan 2025 15:39

Instrument :

BNA\_G

ClientSampleId :

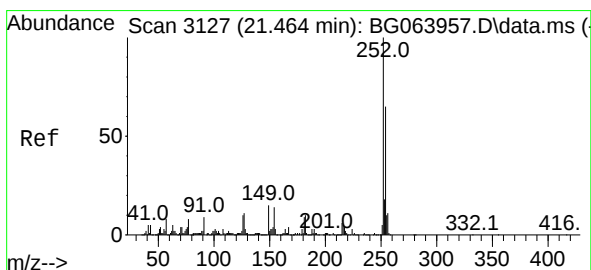
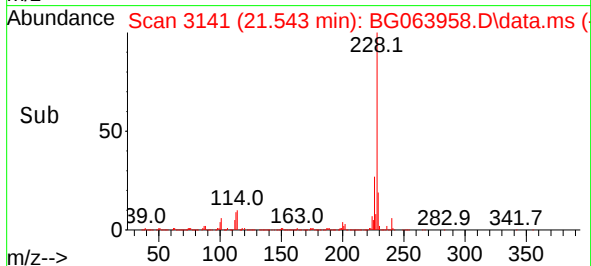
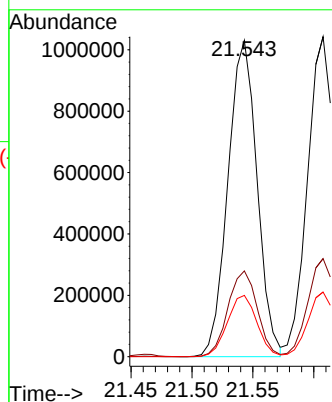
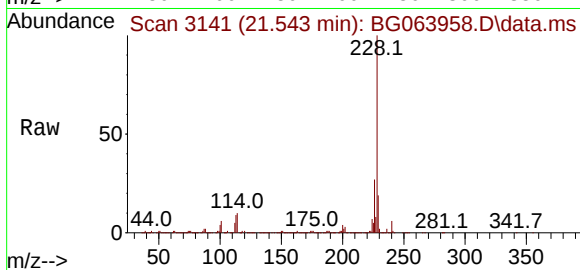
Tgt Ion:228 Resp: 1716597

Ion Ratio Lower Upper

228 100

226 27.1 21.8 32.6

229 19.4 15.3 22.9



#82

3,3'-Dichlorobenzidine

Concen: 49.337 ng

RT: 21.461 min Scan# 3127

Delta R.T. -0.005 min

Lab File: BG063958.D

Acq: 24 Jan 2025 15:39

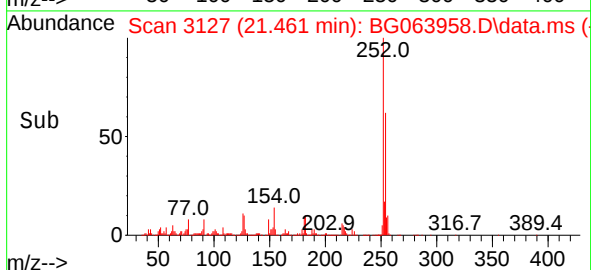
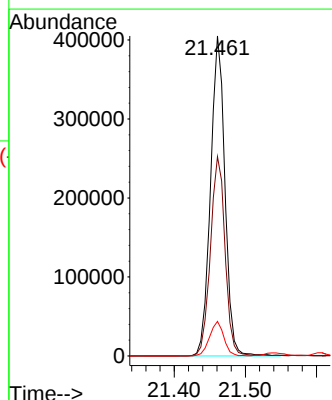
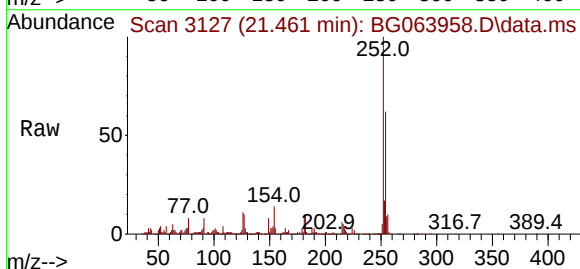
Tgt Ion:252 Resp: 570739

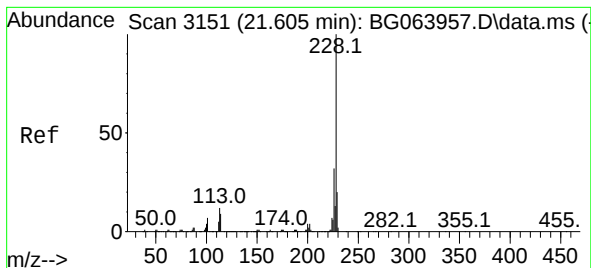
Ion Ratio Lower Upper

252 100

254 62.3 52.2 78.2

126 10.8 7.9 11.9





#83

Chrysene

Concen: 47.665 ng

RT: 21.608 min Scan# 3151

Delta R.T. -0.005 min

Lab File: BG063958.D

Acq: 24 Jan 2025 15:39

Instrument :

BNA\_G

ClientSampleId :

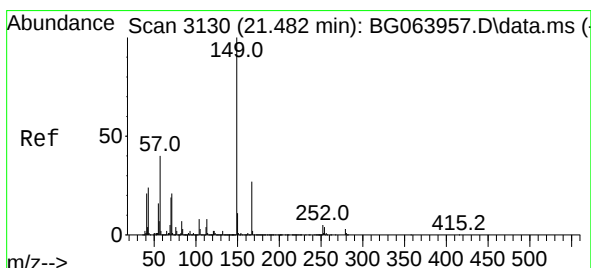
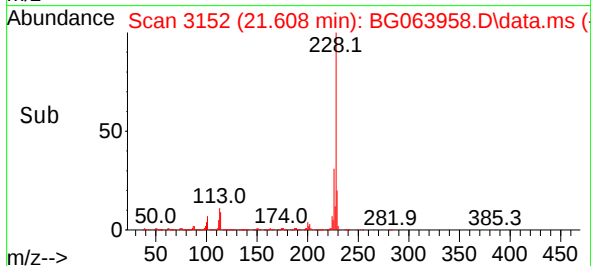
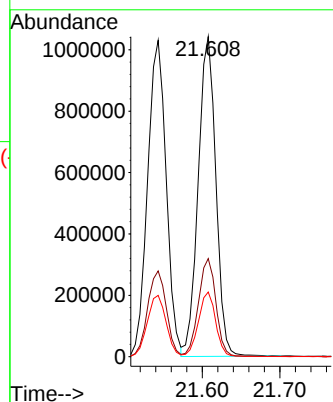
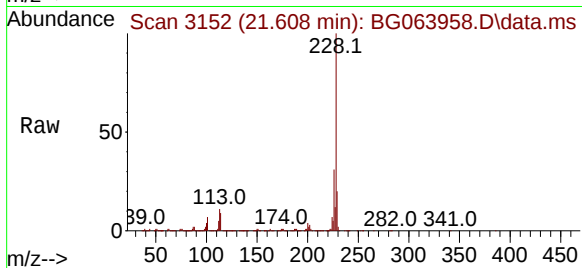
Tgt Ion:228 Resp: 1650537

Ion Ratio Lower Upper

228 100

226 30.7 25.3 37.9

229 20.2 16.3 24.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.481 ng

RT: 21.484 min Scan# 3131

Delta R.T. 0.001 min

Lab File: BG063958.D

Acq: 24 Jan 2025 15:39

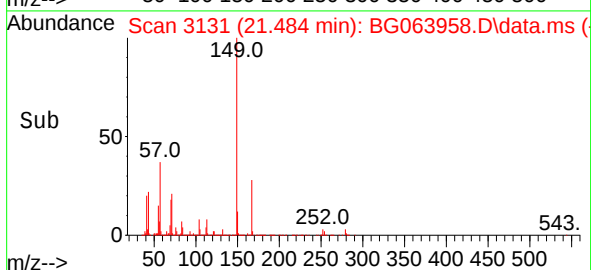
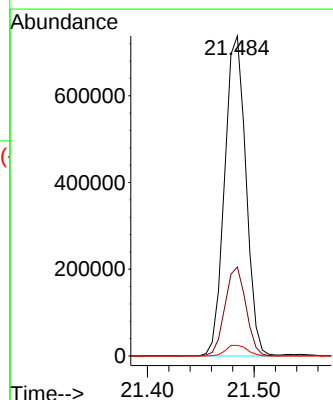
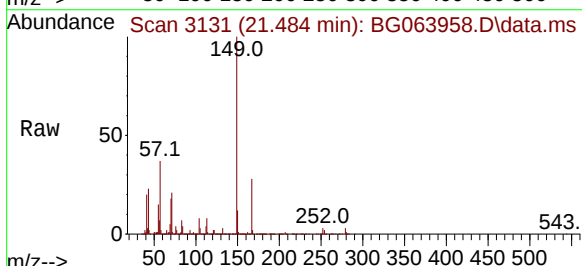
Tgt Ion:149 Resp: 1023364

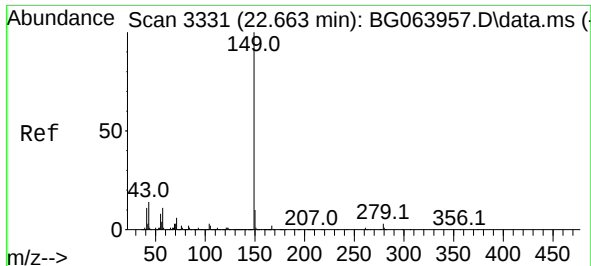
Ion Ratio Lower Upper

149 100

167 27.8 21.4 32.0

279 3.3 2.8 4.2

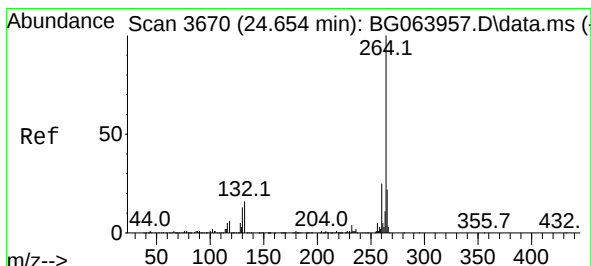
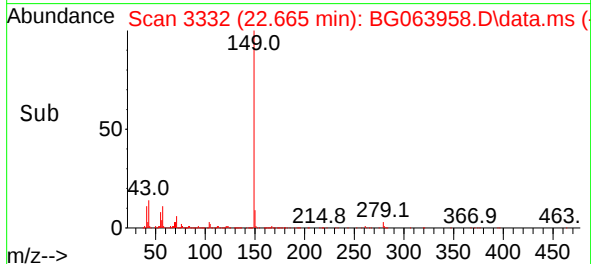
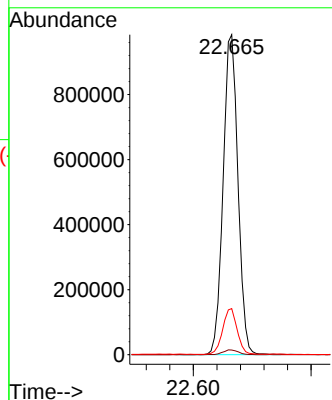
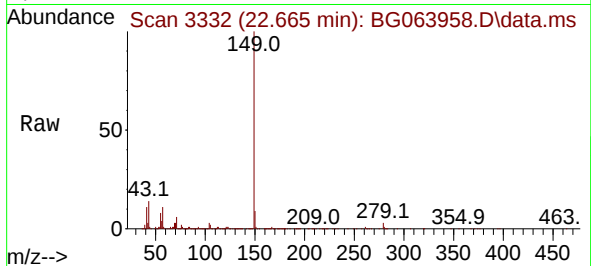




#85  
Di-n-octyl phthalate  
Concen: 50.532 ng  
RT: 22.665 min Scan# 3331  
Delta R.T. 0.001 min  
Lab File: BG063958.D  
Acq: 24 Jan 2025 15:39

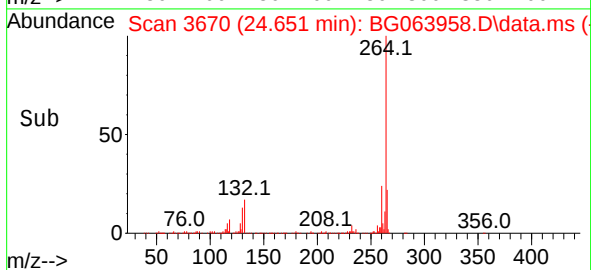
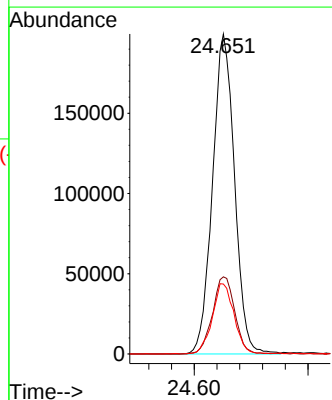
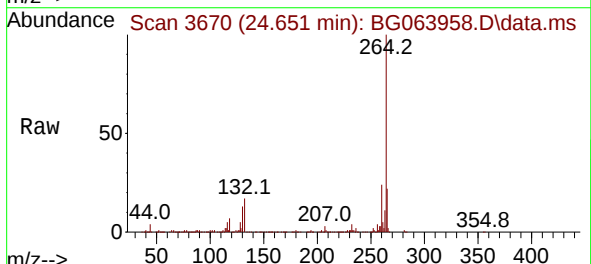
Instrument :  
BNA\_G  
ClientSampleId :

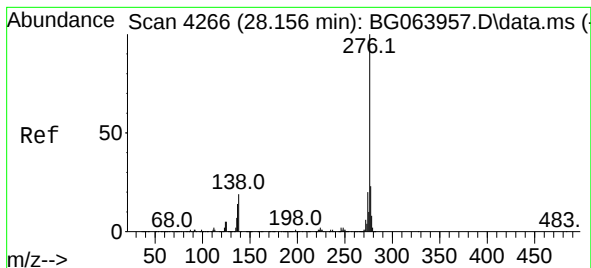
Tgt Ion:149 Resp: 1717022  
Ion Ratio Lower Upper  
149 100  
167 1.6 1.3 1.9  
43 14.0 11.3 16.9



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 24.651 min Scan# 3670  
Delta R.T. -0.005 min  
Lab File: BG063958.D  
Acq: 24 Jan 2025 15:39

Tgt Ion:264 Resp: 535030  
Ion Ratio Lower Upper  
264 100  
260 24.1 20.1 30.1  
265 21.8 17.8 26.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 48.924 ng

RT: 28.165 min Scan# 41

Delta R.T. -0.005 min

Lab File: BG063958.D

Acq: 24 Jan 2025 15:39

Instrument :

BNA\_G

ClientSampleId :

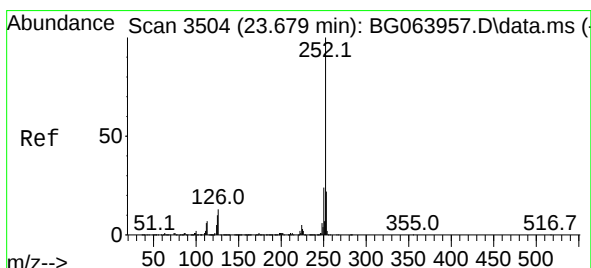
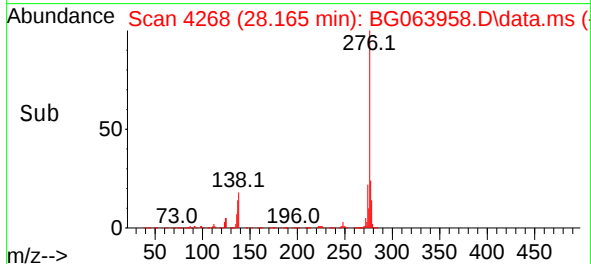
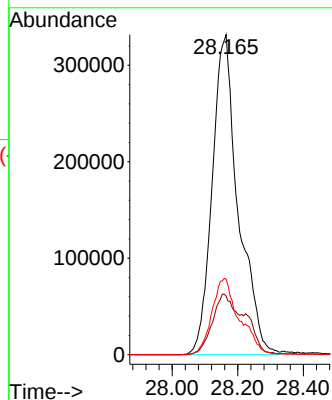
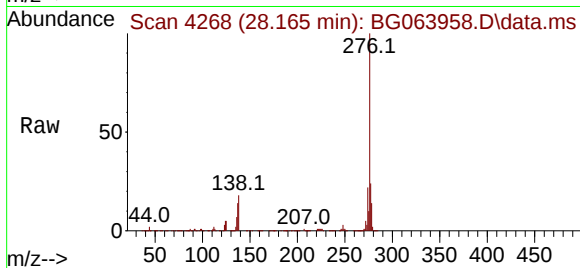
Tgt Ion:276 Resp: 1830009

Ion Ratio Lower Upper

276 100

138 18.4 14.5 21.7

277 25.0 19.9 29.9



#88

Benzo(b)fluoranthene

Concen: 48.458 ng

RT: 23.682 min Scan# 3505

Delta R.T. -0.005 min

Lab File: BG063958.D

Acq: 24 Jan 2025 15:39

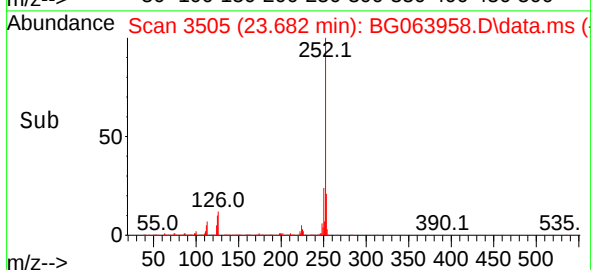
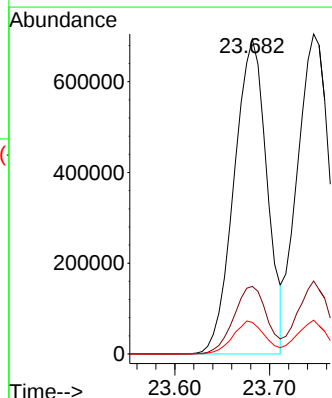
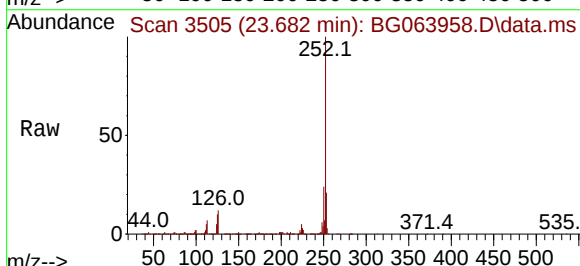
Tgt Ion:252 Resp: 1671559

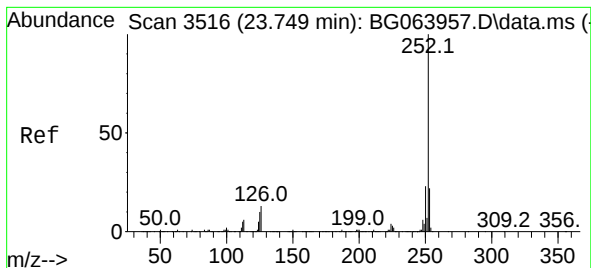
Ion Ratio Lower Upper

252 100

253 21.5 17.2 25.8

125 10.0 8.2 12.2





#89

Benzo(k)fluoranthene

Concen: 48.661 ng

RT: 23.746 min Scan# 3516

Delta R.T. -0.011 min

Lab File: BG063958.D

Acq: 24 Jan 2025 15:39

Instrument :

BNA\_G

ClientSampleId :

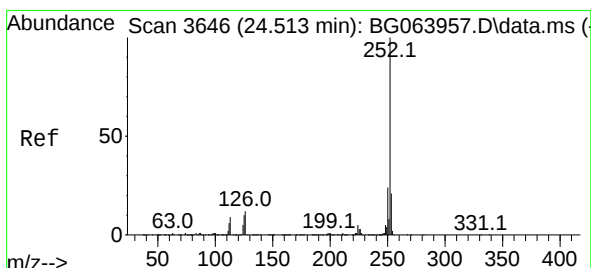
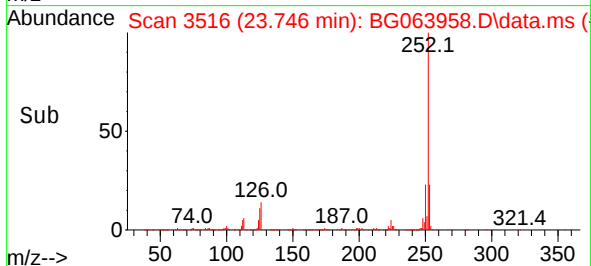
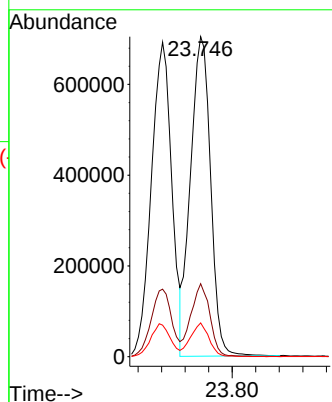
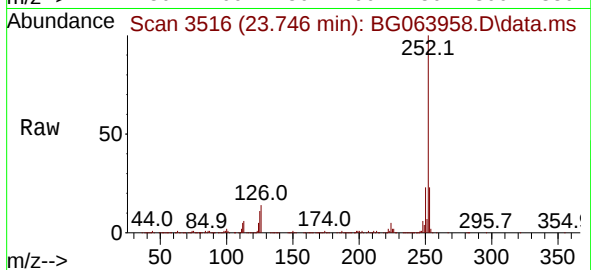
Tgt Ion:252 Resp: 1667965

Ion Ratio Lower Upper

252 100

253 22.8 17.4 26.0

125 10.6 7.8 11.8



#90

Benzo(a)pyrene

Concen: 48.738 ng

RT: 24.510 min Scan# 3646

Delta R.T. -0.011 min

Lab File: BG063958.D

Acq: 24 Jan 2025 15:39

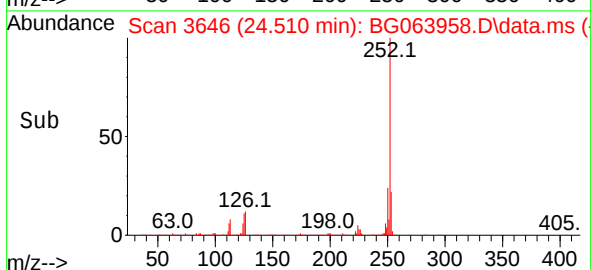
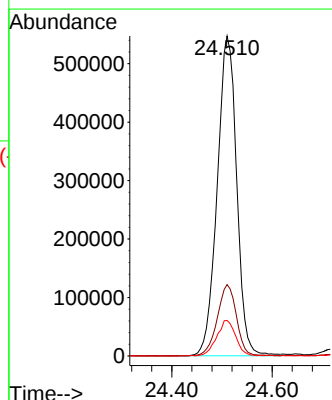
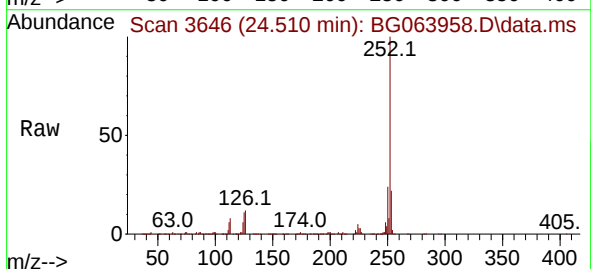
Tgt Ion:252 Resp: 1475313

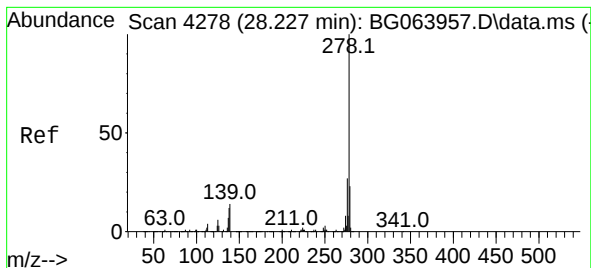
Ion Ratio Lower Upper

252 100

253 22.3 16.8 25.2

125 11.1 8.2 12.4





#91

Dibenzo(a,h)anthracene

Concen: 49.204 ng

RT: 28.229 min Scan# 41

Delta R.T. -0.005 min

Lab File: BG063958.D

Acq: 24 Jan 2025 15:39

Instrument :

BNA\_G

ClientSampleId :

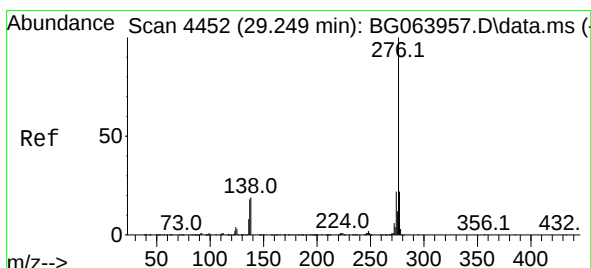
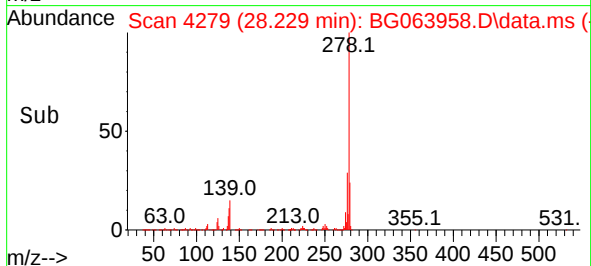
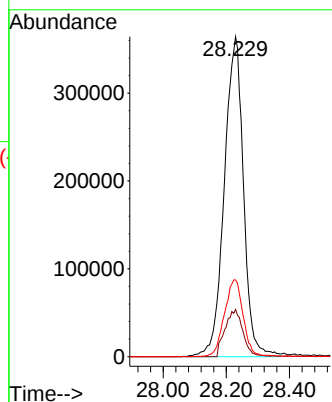
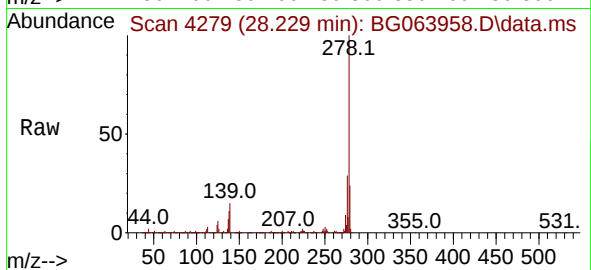
Tgt Ion:278 Resp: 1533758

Ion Ratio Lower Upper

278 100

139 14.8 11.5 17.3

279 24.0 18.6 27.8



#92

Benzo(g,h,i)perylene

Concen: 49.049 ng

RT: 29.252 min Scan# 4453

Delta R.T. -0.016 min

Lab File: BG063958.D

Acq: 24 Jan 2025 15:39

Tgt Ion:276 Resp: 1533587

Ion Ratio Lower Upper

276 100

277 23.2 17.6 26.4

138 19.1 15.3 22.9

