

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG090825\  
 Data File : BG064303.D  
 Acq On : 8 Sep 2025 11:52  
 Operator : RC/JU  
 Sample : PB169566BS  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB169566BS

Quant Time: Sep 08 12:34:23 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG082825.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Aug 28 17:41:58 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.848  | 152  | 22931    | 20.000  | ng    | -0.01    |
| 21) Naphthalene-d8            | 10.639 | 136  | 100507   | 20.000  | ng    | #-0.01   |
| 39) Acenaphthene-d10          | 14.475 | 164  | 74827    | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.219 | 188  | 186208   | 20.000  | ng    | # 0.00   |
| 76) Chrysene-d12              | 21.449 | 240  | 199207   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 24.458 | 264  | 218248   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.445  | 112  | 181748   | 142.197 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.025  | 99   | 243161   | 138.479 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.005  | 82   | 172370   | 95.646  | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol      | 15.968 | 330  | 160232   | 161.668 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.100 | 172  | 446193   | 91.016  | ng    | -0.01    |
| 79) Terphenyl-d14             | 19.840 | 244  | 908763   | 95.177  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.347  | 88   | 19458    | 36.524  | ng    | 95       |
| 3) Pyridine                   | 3.735  | 79   | 54232    | 34.583  | ng    | # 59     |
| 4) n-Nitrosodimethylamine     | 3.653  | 42   | 50655    | 48.835  | ng    | 98       |
| 6) Aniline                    | 7.178  | 93   | 92274    | 38.000  | ng    | 98       |
| 8) 2-Chlorophenol             | 7.419  | 128  | 78851    | 50.485  | ng    | 100      |
| 9) Benzaldehyde               | 6.990  | 77   | 32470    | 22.470  | ng    | 95       |
| 10) Phenol                    | 7.049  | 94   | 92580    | 47.821  | ng    | 83       |
| 11) bis(2-Chloroethyl)ether   | 7.272  | 93   | 61057    | 41.970  | ng    | 97       |
| 12) 1,3-Dichlorobenzene       | 7.742  | 146  | 82162    | 49.448  | ng    | 97       |
| 13) 1,4-Dichlorobenzene       | 7.883  | 146  | 82808    | 49.381  | ng    | 95       |
| 14) 1,2-Dichlorobenzene       | 8.200  | 146  | 80070    | 49.473  | ng    | 99       |
| 15) Benzyl Alcohol            | 8.089  | 79   | 78124    | 48.212  | ng    | 92       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.377  | 45   | 119459   | 35.967  | ng    | 97       |
| 17) 2-Methylphenol            | 8.294  | 107  | 66260    | 45.924  | ng    | 98       |
| 18) Hexachloroethane          | 8.929  | 117  | 30676    | 46.863  | ng    | 90       |
| 19) n-Nitroso-di-n-propyla... | 8.653  | 70   | 57693    | 42.930  | ng    | # 95     |
| 20) 3+4-Methylphenols         | 8.617  | 107  | 90959    | 45.370  | ng    | 94       |
| 22) Acetophenone              | 8.664  | 105  | 120113   | 47.238  | ng    | 96       |
| 24) Nitrobenzene              | 9.046  | 77   | 89844    | 47.715  | ng    | 99       |
| 25) Isophorone                | 9.569  | 82   | 162972   | 43.512  | ng    | 98       |
| 26) 2-Nitrophenol             | 9.751  | 139  | 40109    | 49.298  | ng    | # 86     |
| 27) 2,4-Dimethylphenol        | 9.822  | 122  | 77986    | 54.596  | ng    | 96       |
| 28) bis(2-Chloroethoxy)met... | 10.051 | 93   | 87957    | 43.552  | ng    | 97       |
| 29) 2,4-Dichlorophenol        | 10.286 | 162  | 80534    | 53.434  | ng    | 98       |
| 30) 1,2,4-Trichlorobenzene    | 10.503 | 180  | 83322    | 52.432  | ng    | 97       |
| 31) Naphthalene               | 10.691 | 128  | 243186   | 46.660  | ng    | 98       |
| 32) Benzoic acid              | 9.975  | 122  | 55067    | 48.565  | ng    | 98       |
| 33) 4-Chloroaniline           | 10.797 | 127  | 62362    | 30.872  | ng    | 98       |
| 34) Hexachlorobutadiene       | 10.979 | 225  | 62914    | 53.558  | ng    | 86       |
| 35) Caprolactam               | 11.567 | 113  | 11909    | 20.407  | ng    | # 88     |
| 36) 4-Chloro-3-methylphenol   | 11.925 | 107  | 97401    | 49.809  | ng    | 96       |
| 37) 2-Methylnaphthalene       | 12.296 | 142  | 167102   | 43.135  | ng    | 95       |
| 38) 1-Methylnaphthalene       | 12.296 | 142  | 167102   | 43.670  | ng    | 98       |
| 40) 1,2,4,5-Tetrachloroben... | 12.666 | 216  | 107801   | 49.931  | ng    | 98       |
| 41) Hexachlorocyclopentadiene | 12.654 | 237  | 161742   | 157.628 | ng    | 91       |
| 43) 2,4,6-Trichlorophenol     | 12.912 | 196  | 76127    | 52.754  | ng    | 90       |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG090825\  
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 Sample : PB169566BS  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

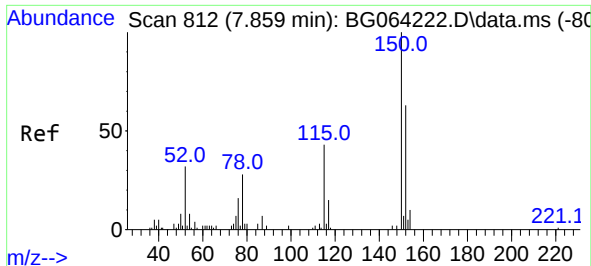
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB169566BS

Quant Time: Sep 08 12:34:23 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG082825.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Aug 28 17:41:58 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 12.977 | 196  | 82091    | 52.442  | ng    | 95       |
| 46) 1,1'-Biphenyl             | 13.312 | 154  | 258854   | 47.496  | ng    | 96       |
| 47) 2-Chloronaphthalene       | 13.353 | 162  | 192323   | 46.939  | ng    | 99       |
| 48) 2-Nitroaniline            | 13.553 | 65   | 72167    | 51.677  | ng    | 97       |
| 49) Acenaphthylene            | 14.199 | 152  | 320960   | 52.992  | ng    | 97       |
| 50) Dimethylphthalate         | 13.941 | 163  | 270152   | 47.698  | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 14.052 | 165  | 59699    | 54.446  | ng    | 94       |
| 52) Acenaphthene              | 14.540 | 154  | 199257   | 46.618  | ng    | 97       |
| 53) 3-Nitroaniline            | 14.381 | 138  | 43497    | 37.871  | ng    | 98       |
| 54) 2,4-Dinitrophenol         | 14.587 | 184  | 79494    | 108.779 | ng    | # 74     |
| 55) Dibenzofuran              | 14.875 | 168  | 327167   | 48.663  | ng    | 99       |
| 56) 4-Nitrophenol             | 14.699 | 139  | 96721    | 102.660 | ng    | # 89     |
| 57) 2,4-Dinitrotoluene        | 14.840 | 165  | 92311    | 55.680  | ng    | 99       |
| 58) Fluorene                  | 15.527 | 166  | 273556   | 49.643  | ng    | 97       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.104 | 232  | 85025    | 56.473  | ng    | 98       |
| 60) Diethylphthalate          | 15.304 | 149  | 297365   | 49.058  | ng    | 100      |
| 61) 4-Chlorophenyl-phenyle... | 15.521 | 204  | 140432   | 51.114  | ng    | 98       |
| 62) 4-Nitroaniline            | 15.545 | 138  | 63106    | 53.845  | ng    | 94       |
| 63) Azobenzene                | 15.815 | 77   | 255971   | 47.380  | ng    | 94       |
| 65) 4,6-Dinitro-2-methylph... | 15.603 | 198  | 58547    | 54.764  | ng    | 95       |
| 66) n-Nitrosodiphenylamine    | 15.733 | 169  | 242787   | 47.397  | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 16.414 | 248  | 98729    | 49.920  | ng    | 95       |
| 68) Hexachlorobenzene         | 16.532 | 284  | 111004   | 50.542  | ng    | # 90     |
| 69) Atrazine                  | 16.684 | 200  | 107967   | 50.479  | ng    | 99       |
| 70) Pentachlorophenol         | 16.872 | 266  | 150476   | 112.996 | ng    | 94       |
| 71) Phenanthrene              | 17.260 | 178  | 469192   | 47.773  | ng    | 98       |
| 72) Anthracene                | 17.348 | 178  | 477692   | 47.815  | ng    | 98       |
| 73) Carbazole                 | 17.619 | 167  | 427774   | 48.606  | ng    | 98       |
| 74) Di-n-butylphthalate       | 18.189 | 149  | 523277   | 49.489  | ng    | 99       |
| 75) Fluoranthene              | 19.270 | 202  | 569869   | 49.348  | ng    | 97       |
| 77) Benzidine                 | 19.452 | 184  | 211220   | 50.403  | ng    | 97       |
| 78) Pyrene                    | 19.634 | 202  | 588185   | 46.866  | ng    | 99       |
| 80) Butylbenzylphthalate      | 20.527 | 149  | 231857   | 48.981  | ng    | 97       |
| 81) Benzo(a)anthracene        | 21.432 | 228  | 615355   | 48.284  | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 21.350 | 252  | 144820   | 34.892  | ng    | 95       |
| 83) Chrysene                  | 21.496 | 228  | 580588   | 47.453  | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 21.355 | 149  | 333394   | 46.912  | ng    | 98       |
| 85) Di-n-octyl phthalate      | 22.495 | 149  | 579938   | 46.833  | ng    | 98       |
| 87) Indeno(1,2,3-cd)pyrene    | 27.848 | 276  | 739025   | 49.584  | ng    | 99       |
| 88) Benzo(b)fluoranthene      | 23.512 | 252  | 613512   | 49.808  | ng    | # 99     |
| 89) Benzo(k)fluoranthene      | 23.576 | 252  | 614833   | 48.995  | ng    | # 95     |
| 90) Benzo(a)pyrene            | 24.317 | 252  | 590413   | 51.528  | ng    | # 96     |
| 91) Dibenzo(a,h)anthracene    | 27.912 | 278  | 605245   | 50.576  | ng    | 97       |
| 92) Benzo(g,h,i)perylene      | 28.911 | 276  | 592976   | 50.923  | ng    | 97       |

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

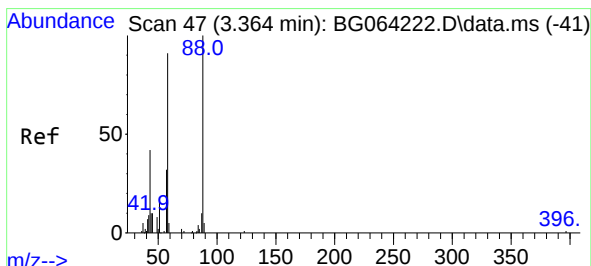
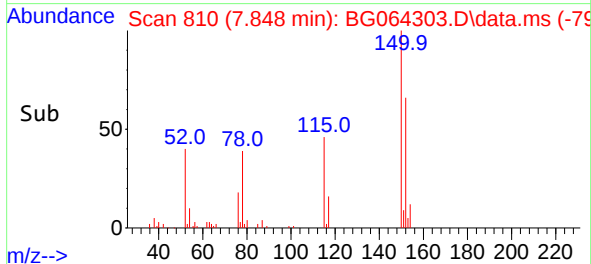
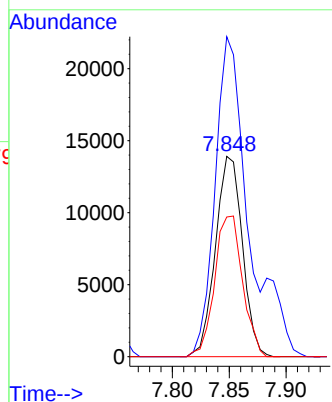
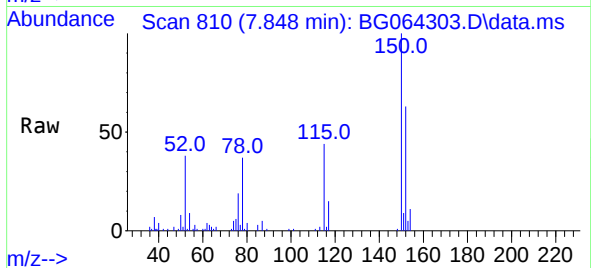




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.848 min Scan# 81  
Delta R.T. -0.011 min  
Lab File: BG064303.D  
Acq: 8 Sep 2025 11:52

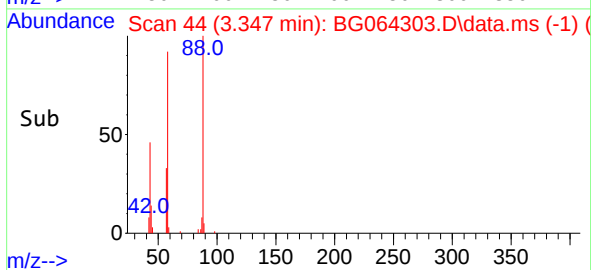
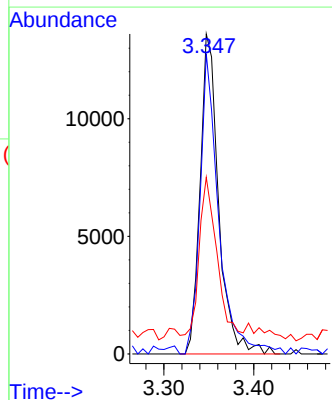
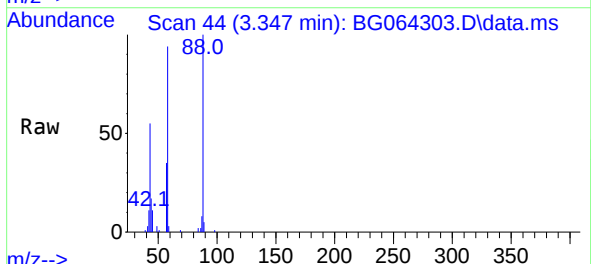
Instrument :  
BNA\_G  
ClientSampleId :  
PB169566BS

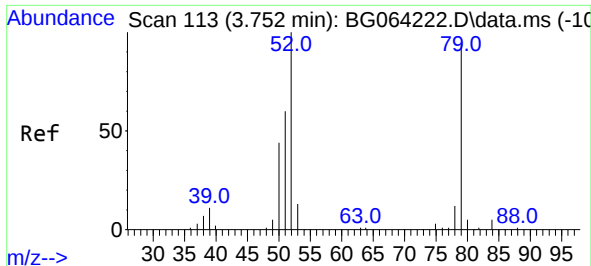
Tgt Ion:152 Resp: 22931  
Ion Ratio Lower Upper  
152 100  
150 159.7 128.0 192.0  
115 69.7 55.7 83.5



#2  
1,4-Dioxane  
Concen: 36.524 ng  
RT: 3.347 min Scan# 44  
Delta R.T. -0.011 min  
Lab File: BG064303.D  
Acq: 8 Sep 2025 11:52

Tgt Ion: 88 Resp: 19458  
Ion Ratio Lower Upper  
88 100  
58 95.4 80.8 121.2  
43 48.2 40.3 60.5

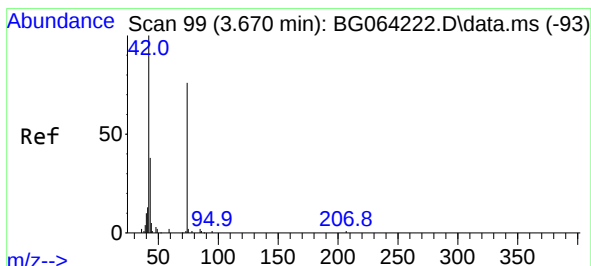
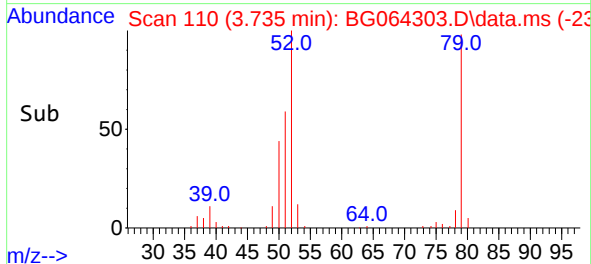
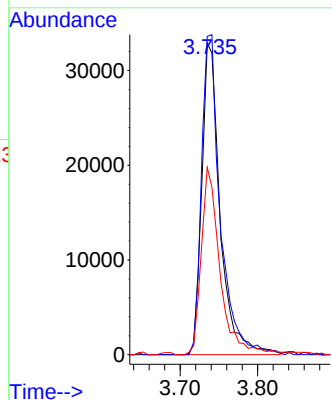
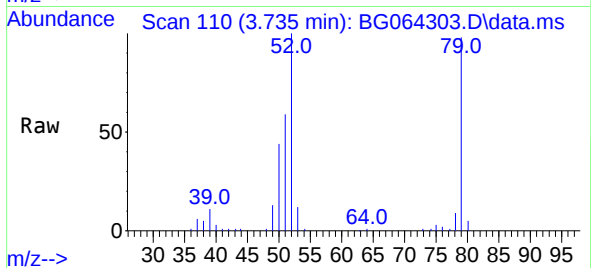




#3  
Pyridine  
Concen: 34.583 ng  
RT: 3.735 min Scan# 11  
Delta R.T. -0.017 min  
Lab File: BG064303.D  
Acq: 8 Sep 2025 11:52

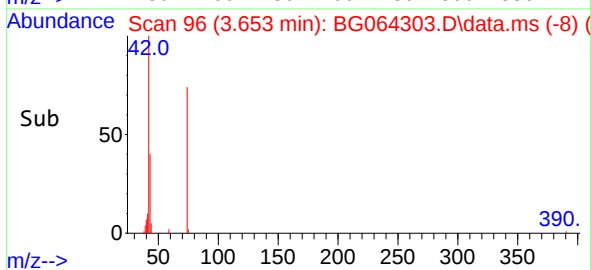
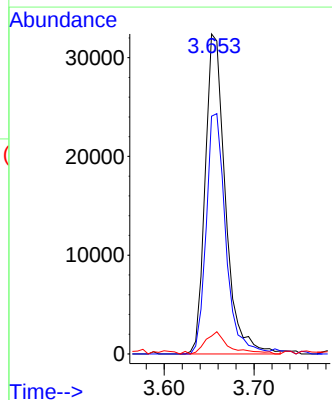
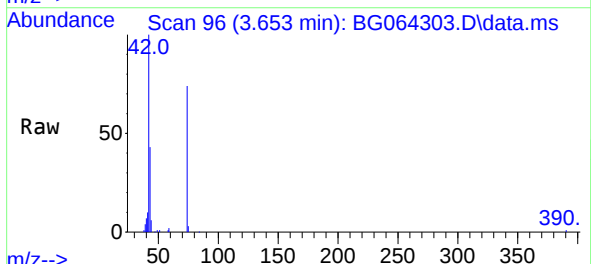
Instrument :  
BNA\_G  
ClientSampleId :  
PB169566BS

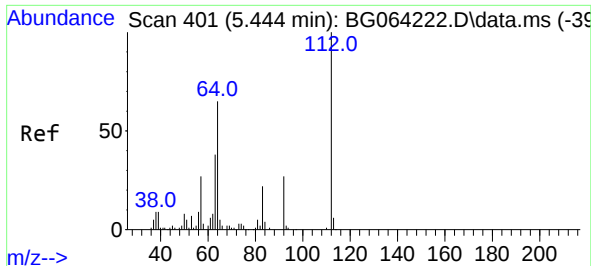
Tgt Ion: 79 Resp: 54232  
Ion Ratio Lower Upper  
79 100  
52 102.0 86.6 129.8  
51 60.0 114.1 171.1#



#4  
n-Nitrosodimethylamine  
Concen: 48.835 ng  
RT: 3.653 min Scan# 96  
Delta R.T. -0.011 min  
Lab File: BG064303.D  
Acq: 8 Sep 2025 11:52

Tgt Ion: 42 Resp: 50655  
Ion Ratio Lower Upper  
42 100  
74 74.3 58.0 87.0  
44 5.6 5.5 8.3

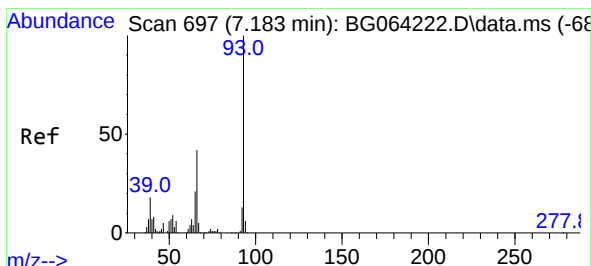
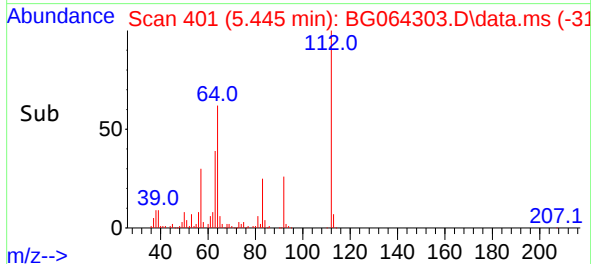
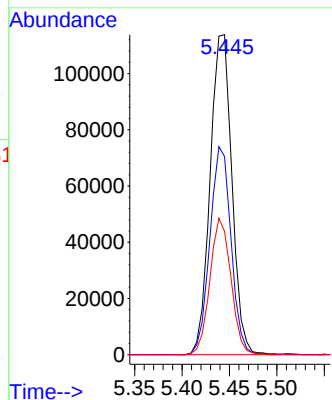
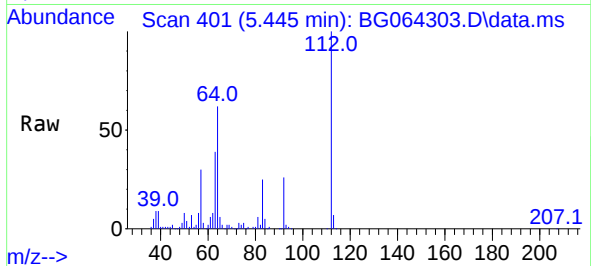




#5  
2-Fluorophenol  
Concen: 142.197 ng  
RT: 5.445 min Scan# 401  
Delta R.T. 0.000 min  
Lab File: BG064303.D  
Acq: 8 Sep 2025 11:52

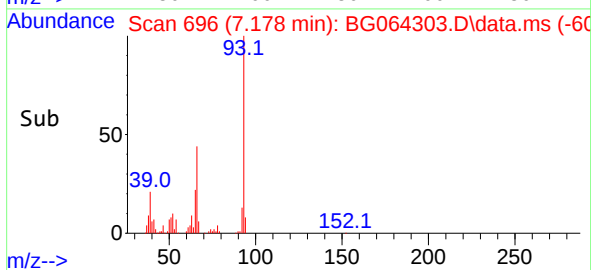
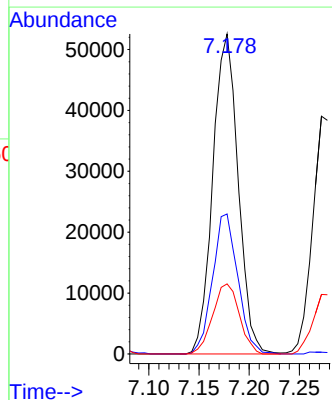
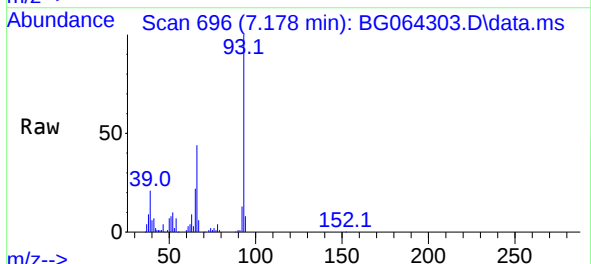
Instrument :  
BNA\_G  
ClientSampleId :  
PB169566BS

Tgt Ion:112 Resp: 181748  
Ion Ratio Lower Upper  
112 100  
64 61.9 51.8 77.6  
63 38.5 30.6 45.8

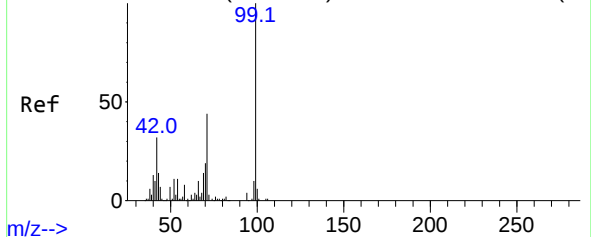


#6  
Aniline  
Concen: 38.000 ng  
RT: 7.178 min Scan# 696  
Delta R.T. -0.011 min  
Lab File: BG064303.D  
Acq: 8 Sep 2025 11:52

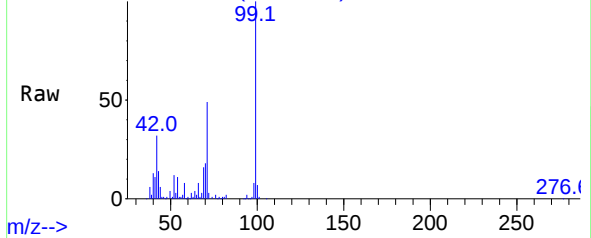
Tgt Ion: 93 Resp: 92274  
Ion Ratio Lower Upper  
93 100  
66 43.7 33.8 50.8  
65 21.9 16.9 25.3



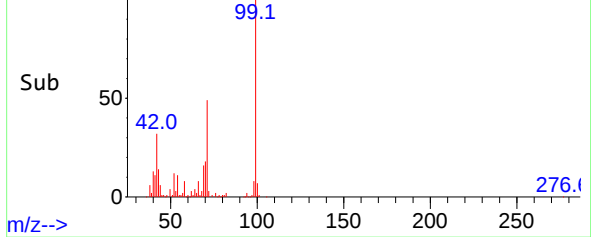
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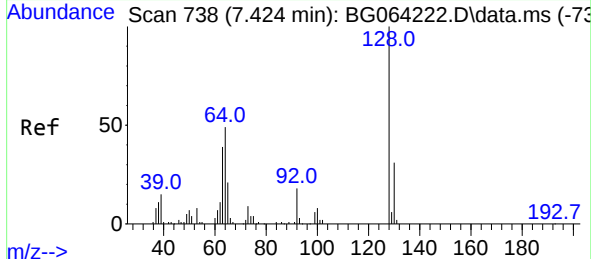
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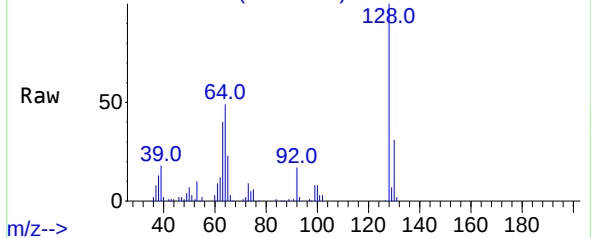
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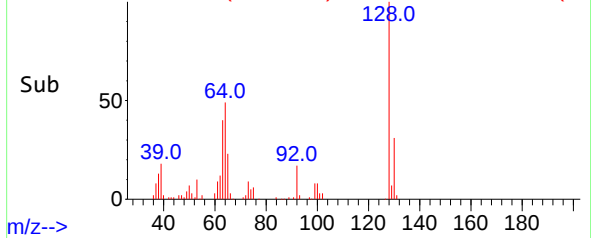
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Ref m/z--> Abundance Scan 737 (7.419 min): BG064303.D\data.ms



Raw m/z--> Abundance Scan 737 (7.419 min): BG064303.D\data.ms (-64



Sub m/z--> Abundance Scan 737 (7.419 min): BG064303.D\data.ms (-64



#7

Phenol-d6

Concen: 138.479 ng

RT: 7.025 min Scan# 61

Delta R.T. -0.005 min

Lab File: BG064303.D

Acq: 8 Sep 2025 11:52

Instrument :

BNA\_G

ClientSampleId :

PB169566BS

Tgt Ion: 99 Resp: 243161

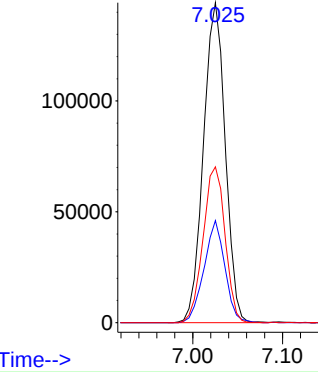
Ion Ratio Lower Upper

99 100

42 31.9 25.8 38.8

71 48.7 35.2 52.8

Abundance



#8

2-Chlorophenol

Concen: 50.485 ng

RT: 7.419 min Scan# 737

Delta R.T. -0.005 min

Lab File: BG064303.D

Acq: 8 Sep 2025 11:52

Tgt Ion:128 Resp: 78851

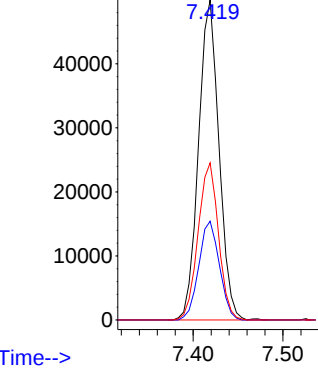
Ion Ratio Lower Upper

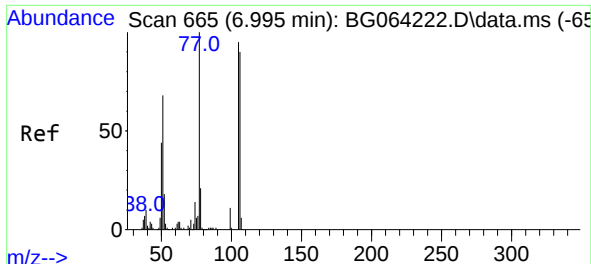
128 100

130 30.8 10.9 50.9

64 49.1 28.7 68.7

Abundance

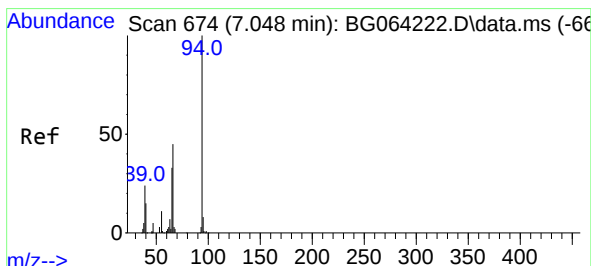
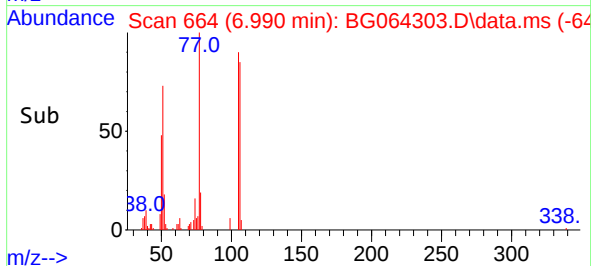
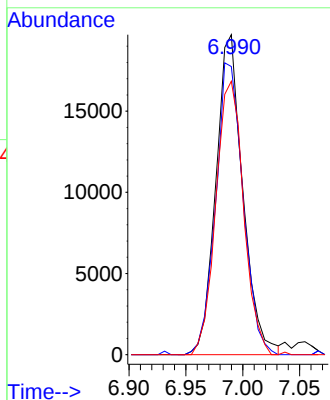
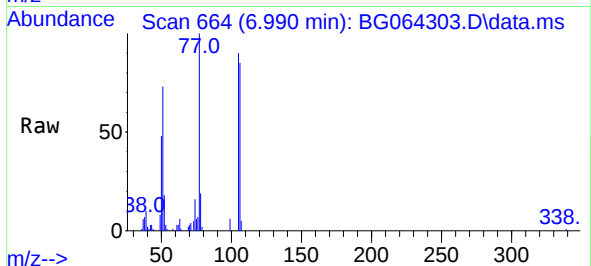




#9  
Benzaldehyde  
Concen: 22.470 ng  
RT: 6.990 min Scan# 60  
Delta R.T. -0.005 min  
Lab File: BG064303.D  
Acq: 8 Sep 2025 11:52

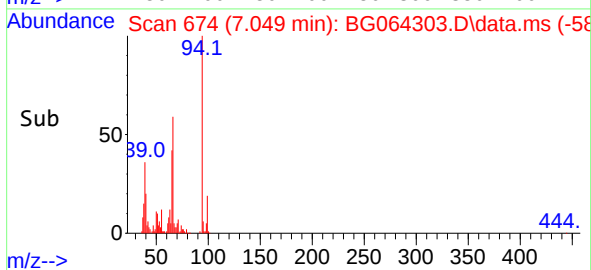
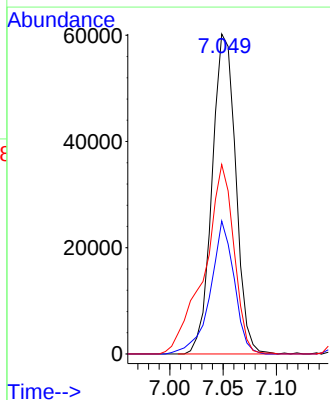
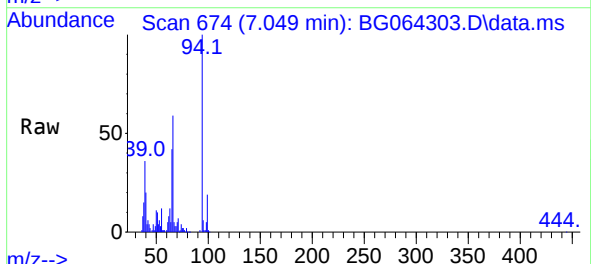
Instrument :  
BNA\_G  
ClientSampleId :  
PB169566BS

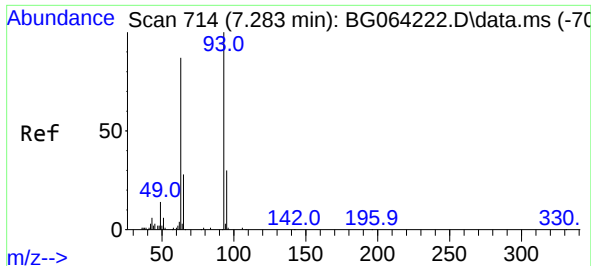
Tgt Ion: 77 Resp: 32470  
Ion Ratio Lower Upper  
77 100  
105 90.1 75.2 115.2  
106 85.5 69.6 109.6



#10  
Phenol  
Concen: 47.821 ng  
RT: 7.049 min Scan# 674  
Delta R.T. -0.005 min  
Lab File: BG064303.D  
Acq: 8 Sep 2025 11:52

Tgt Ion: 94 Resp: 92580  
Ion Ratio Lower Upper  
94 100  
65 41.5 13.5 53.5  
66 59.2 26.2 66.2

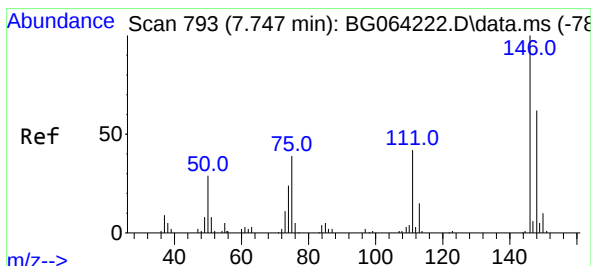
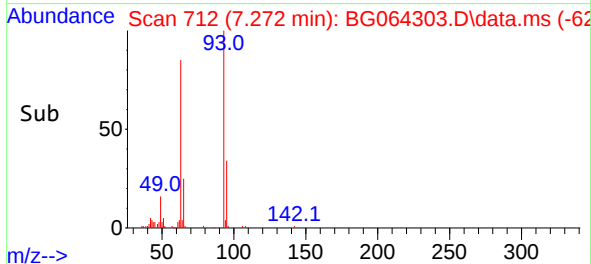
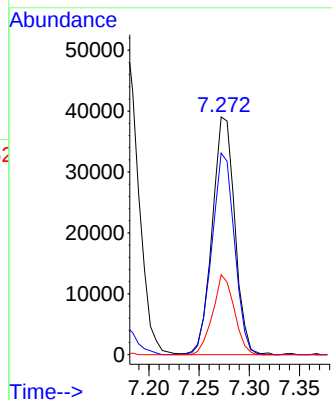
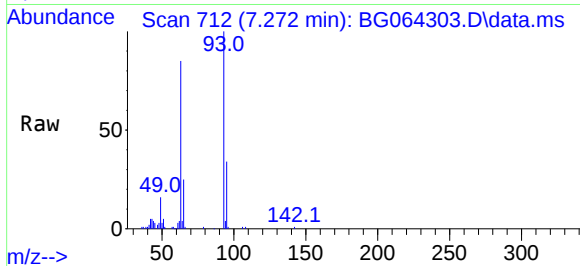




#11  
bis(2-Chloroethyl)ether  
Concen: 41.970 ng  
RT: 7.272 min Scan# 714  
Delta R.T. -0.011 min  
Lab File: BG064303.D  
Acq: 8 Sep 2025 11:52

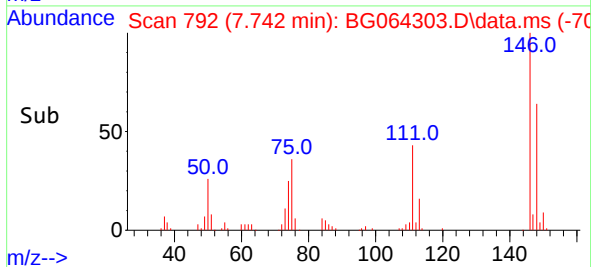
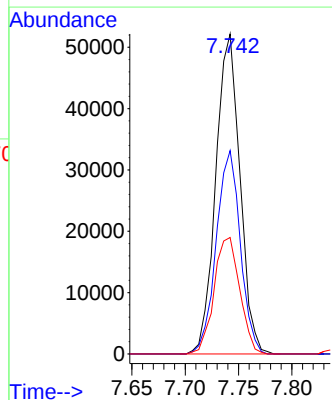
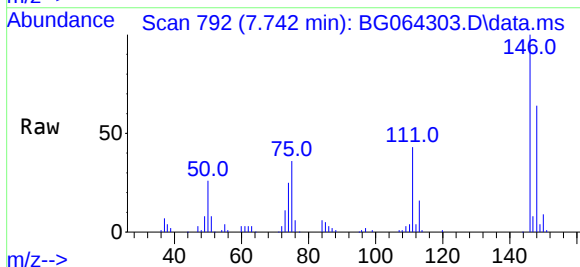
Instrument :  
BNA\_G  
ClientSampleId :  
PB169566BS

Tgt Ion: 93 Resp: 61057  
Ion Ratio Lower Upper  
93 100  
63 84.8 66.2 106.2  
95 33.7 9.8 49.8

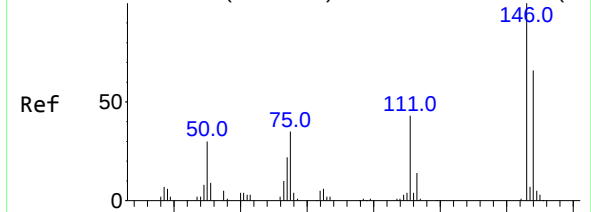


#12  
1,3-Dichlorobenzene  
Concen: 49.448 ng  
RT: 7.742 min Scan# 792  
Delta R.T. -0.005 min  
Lab File: BG064303.D  
Acq: 8 Sep 2025 11:52

Tgt Ion:146 Resp: 82162  
Ion Ratio Lower Upper  
146 100  
148 63.6 49.6 74.4  
75 36.4 31.0 46.6

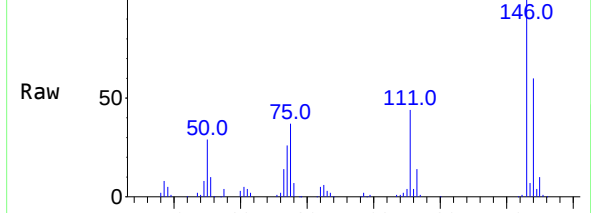


Abundance Scan 818 (7.894 min): BG064222.D\data.ms (-80



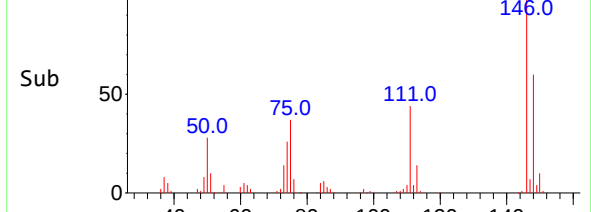
m/z-->

Abundance Scan 816 (7.883 min): BG064303.D\data.ms



m/z-->

Abundance Scan 816 (7.883 min): BG064303.D\data.ms (-72



m/z-->

#13

1,4-Dichlorobenzene

Concen: 49.381 ng

RT: 7.883 min Scan# 816

Delta R.T. -0.011 min

Lab File: BG064303.D

Acq: 8 Sep 2025 11:52

Instrument :

BNA\_G

ClientSampleId :

PB169566BS

Tgt Ion:146 Resp: 82808

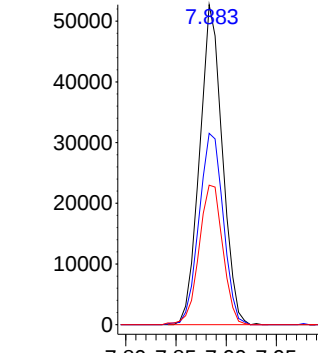
Ion Ratio Lower Upper

146 100

148 59.8 52.8 79.2

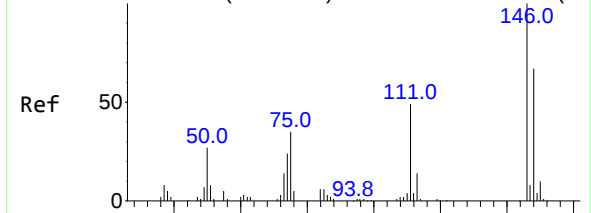
111 43.6 34.1 51.1

Abundance



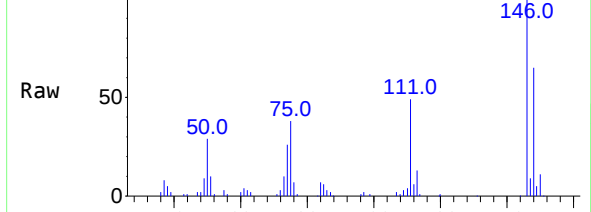
Time-->

Abundance Scan 871 (8.206 min): BG064222.D\data.ms (-86



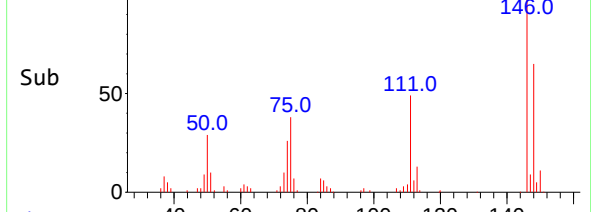
m/z-->

Abundance Scan 870 (8.200 min): BG064303.D\data.ms



m/z-->

Abundance Scan 870 (8.200 min): BG064303.D\data.ms (-78



m/z-->

#14

1,2-Dichlorobenzene

Concen: 49.473 ng

RT: 8.200 min Scan# 870

Delta R.T. -0.011 min

Lab File: BG064303.D

Acq: 8 Sep 2025 11:52

Tgt Ion:146 Resp: 80070

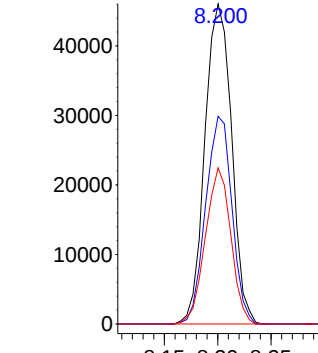
Ion Ratio Lower Upper

146 100

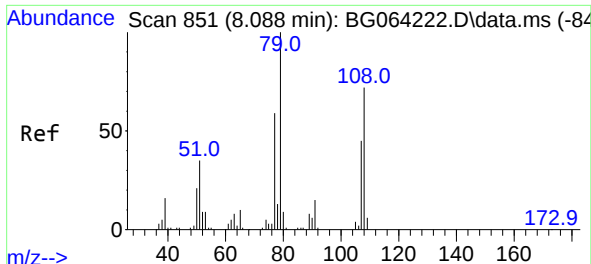
148 64.9 53.4 80.0

111 48.8 39.1 58.7

Abundance



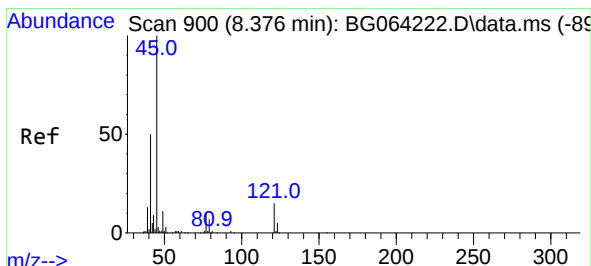
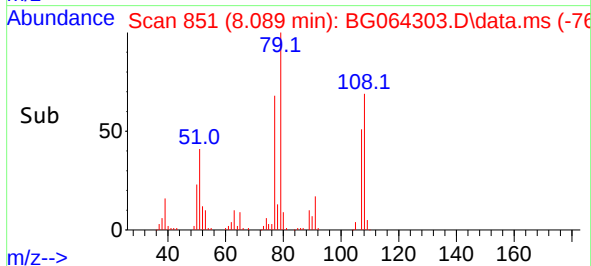
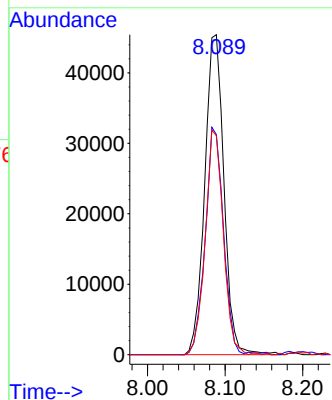
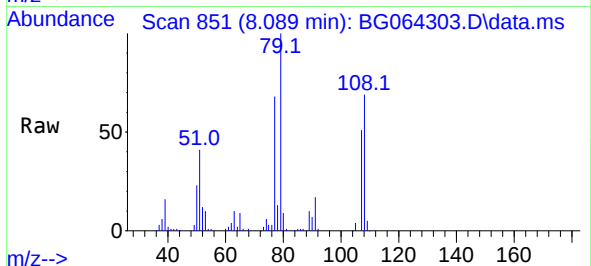
Time-->



#15  
Benzyl Alcohol  
Concen: 48.212 ng  
RT: 8.089 min Scan# 81  
Delta R.T. -0.005 min  
Lab File: BG064303.D  
Acq: 8 Sep 2025 11:52

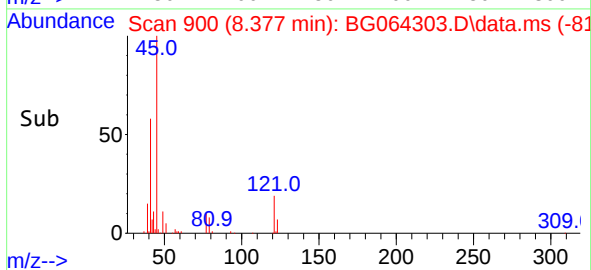
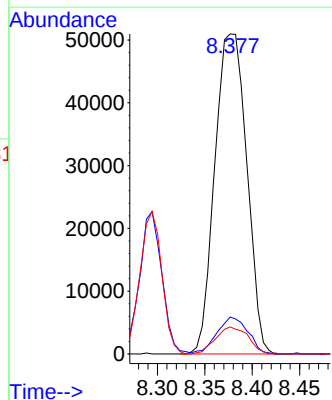
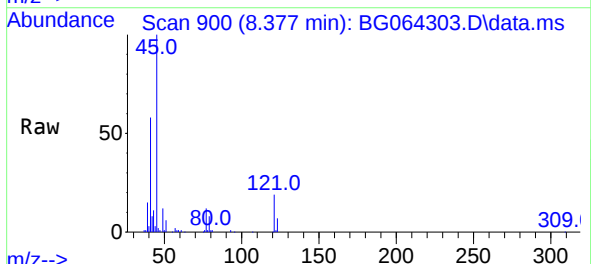
Instrument :  
BNA\_G  
ClientSampleId :  
PB169566BS

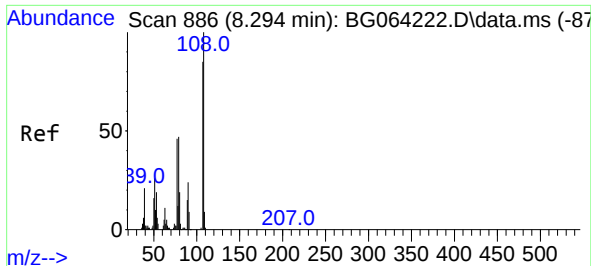
Tgt Ion: 79 Resp: 78124  
Ion Ratio Lower Upper  
79 100  
108 68.8 57.4 86.0  
77 68.4 47.2 70.8



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 35.967 ng  
RT: 8.377 min Scan# 900  
Delta R.T. 0.000 min  
Lab File: BG064303.D  
Acq: 8 Sep 2025 11:52

Tgt Ion: 45 Resp: 119459  
Ion Ratio Lower Upper  
45 100  
77 11.5 0.0 30.0  
79 8.4 0.0 27.9

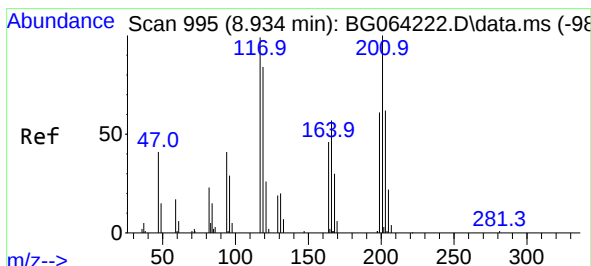
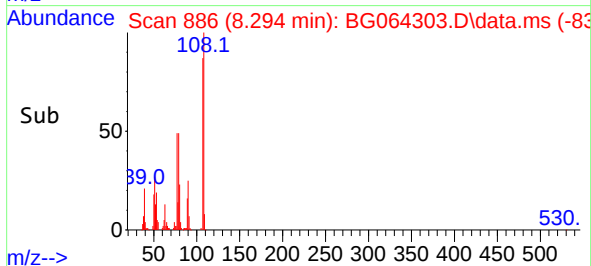
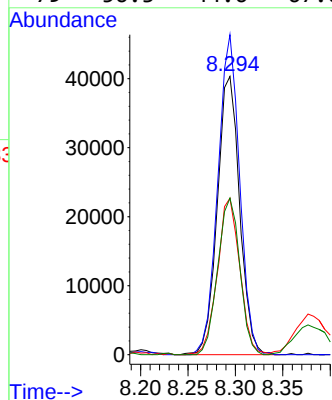
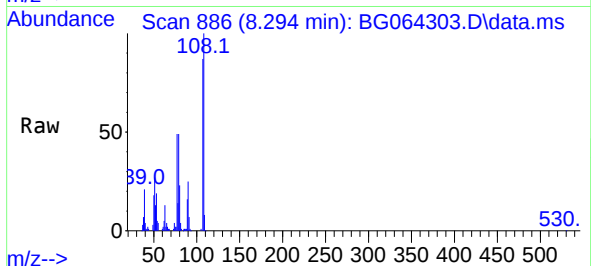




#17  
2-Methylphenol  
Concen: 45.924 ng  
RT: 8.294 min Scan# 886  
Delta R.T. -0.005 min  
Lab File: BG064303.D  
Acq: 8 Sep 2025 11:52

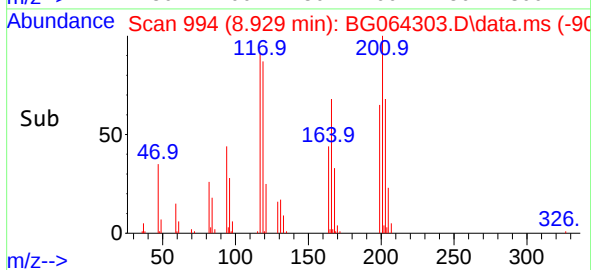
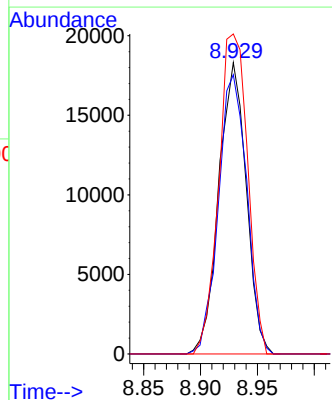
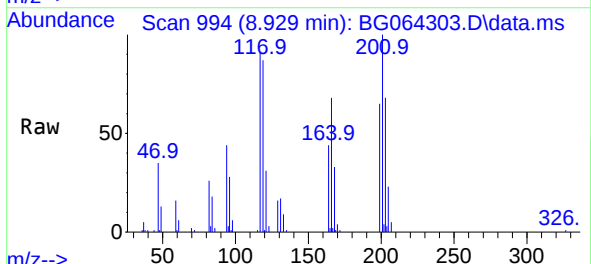
Instrument :  
BNA\_G  
ClientSampleId :  
PB169566BS

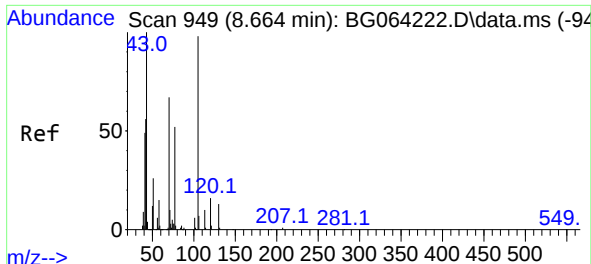
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 107   | Resp: | 66260 |
| Ion      | Ratio | Lower | Upper |
| 107      | 100   |       |       |
| 108      | 115.0 | 94.6  | 141.8 |
| 77       | 56.3  | 43.7  | 65.5  |
| 79       | 56.3  | 44.6  | 67.0  |



#18  
Hexachloroethane  
Concen: 46.863 ng  
RT: 8.929 min Scan# 994  
Delta R.T. -0.005 min  
Lab File: BG064303.D  
Acq: 8 Sep 2025 11:52

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 30676 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 95.8  | 67.9  | 101.9 |
| 201      | 109.8 | 80.5  | 120.7 |

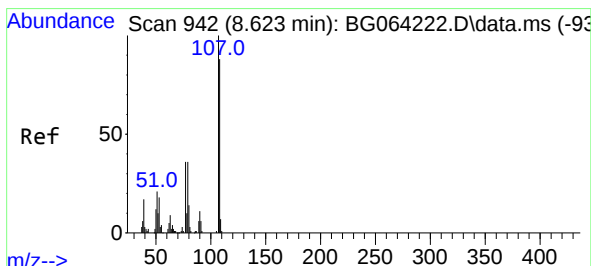
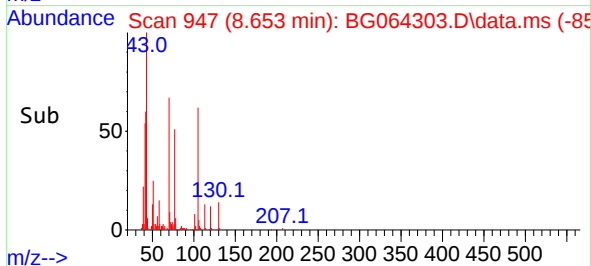
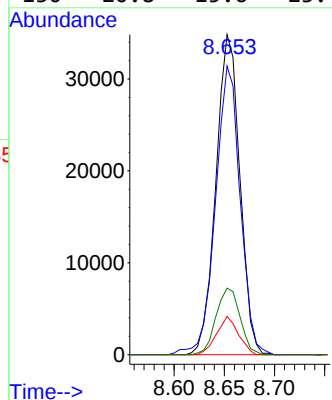
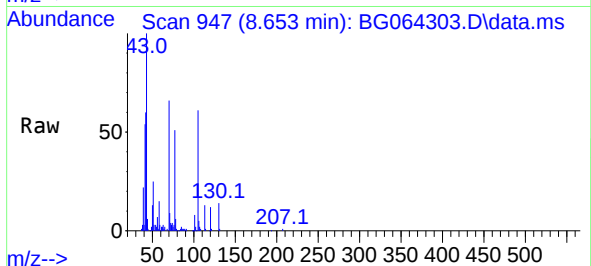




#19  
n-Nitroso-di-n-propylamine  
Concen: 42.930 ng  
RT: 8.653 min Scan# 941  
Delta R.T. -0.011 min  
Lab File: BG064303.D  
Acq: 8 Sep 2025 11:52

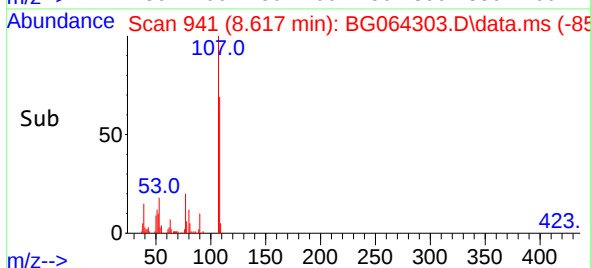
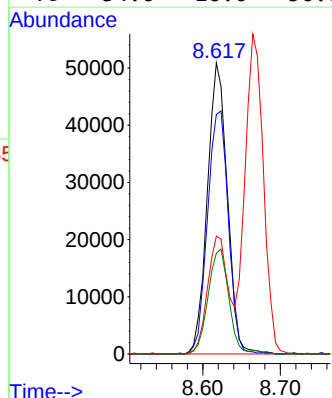
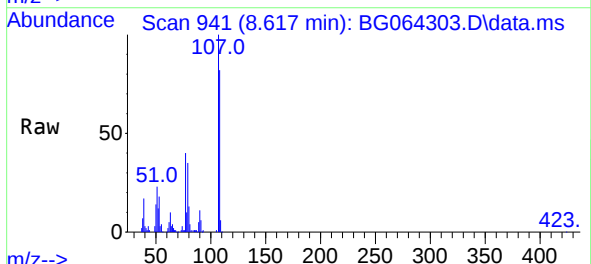
Instrument :  
BNA\_G  
ClientSampleId :  
PB169566BS

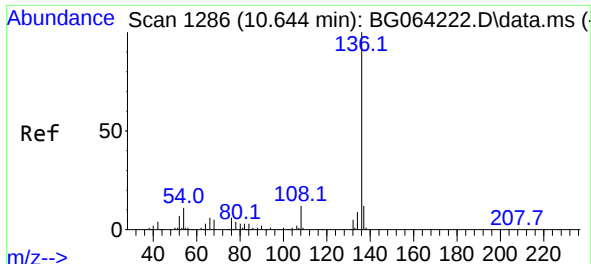
Tgt Ion: 70 Resp: 57693  
Ion Ratio Lower Upper  
70 100  
42 90.2 67.9 101.9  
101 12.0 7.3 10.9#  
130 20.8 15.6 23.4



#20  
3+4-Methylphenols  
Concen: 45.370 ng  
RT: 8.617 min Scan# 941  
Delta R.T. -0.011 min  
Lab File: BG064303.D  
Acq: 8 Sep 2025 11:52

Tgt Ion: 107 Resp: 90959  
Ion Ratio Lower Upper  
107 100  
108 82.3 68.1 108.1  
77 40.5 15.9 55.9  
79 34.6 16.0 56.0



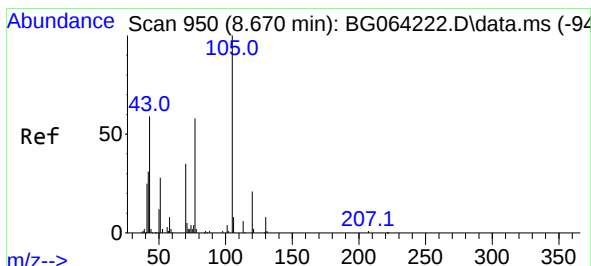
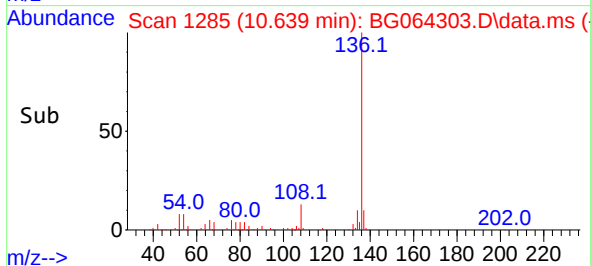
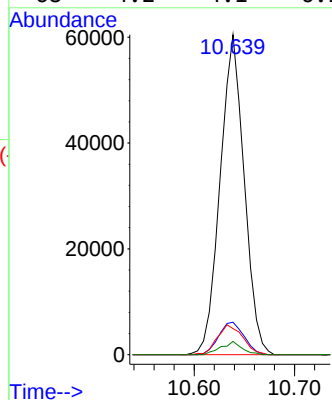
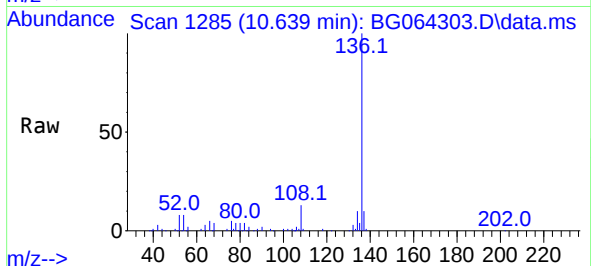


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.639 min Scan# 11  
Delta R.T. -0.011 min  
Lab File: BG064303.D  
Acq: 8 Sep 2025 11:52

Instrument :  
BNA\_G  
ClientSampleId :  
PB169566BS

Tgt Ion:136 Resp: 100507

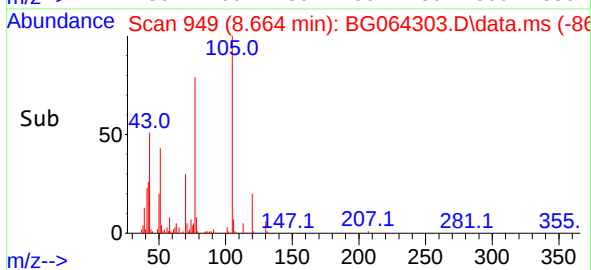
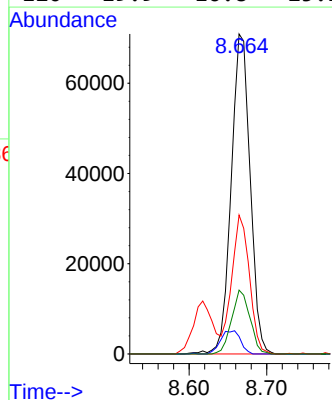
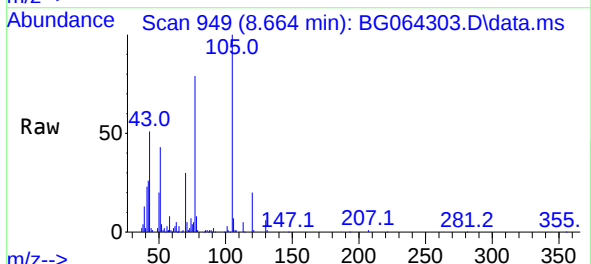
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 10.2  | 9.6   | 14.4  |
| 54  | 8.2   | 8.8   | 13.2# |
| 68  | 4.2   | 4.1   | 6.1   |

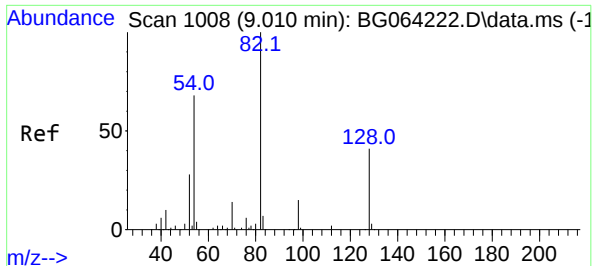


#22  
Acetophenone  
Concen: 47.238 ng  
RT: 8.664 min Scan# 949  
Delta R.T. -0.011 min  
Lab File: BG064303.D  
Acq: 8 Sep 2025 11:52

Tgt Ion:105 Resp: 120113

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 105 | 100   |       |       |
| 71  | 5.5   | 4.3   | 6.5   |
| 51  | 43.4  | 32.4  | 48.6  |
| 120 | 19.9  | 16.8  | 25.2  |





#23

Nitrobenzene-d5

Concen: 95.646 ng

RT: 9.005 min Scan# 1007

Delta R.T. -0.011 min

Lab File: BG064303.D

Acq: 8 Sep 2025 11:52

Instrument :

BNA\_G

ClientSampleId :

PB169566BS

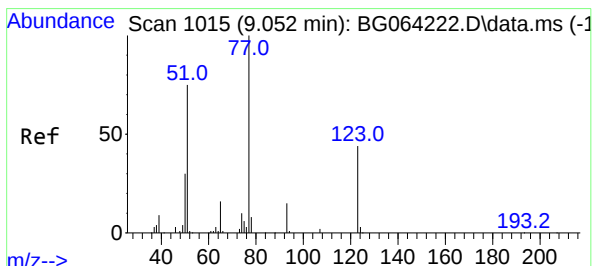
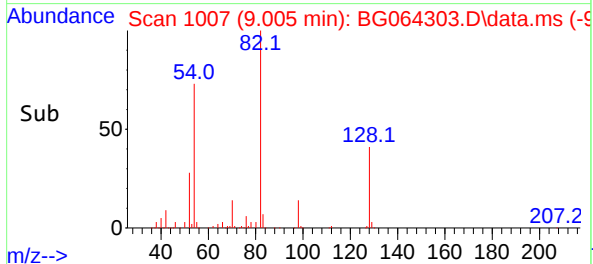
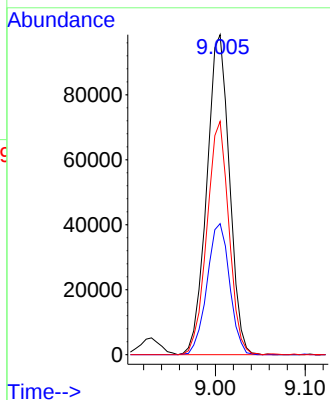
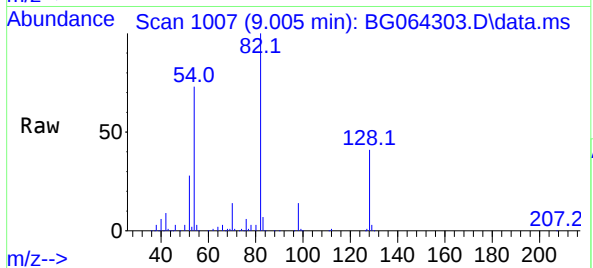
Tgt Ion: 82 Resp: 172370

Ion Ratio Lower Upper

82 100

128 41.0 32.6 48.8

54 72.9 54.7 82.1



#24

Nitrobenzene

Concen: 47.715 ng

RT: 9.046 min Scan# 1014

Delta R.T. -0.011 min

Lab File: BG064303.D

Acq: 8 Sep 2025 11:52

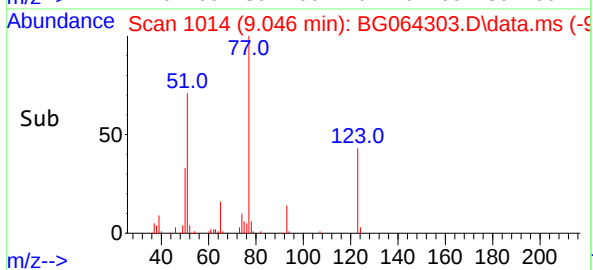
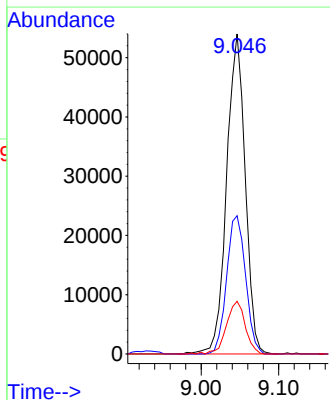
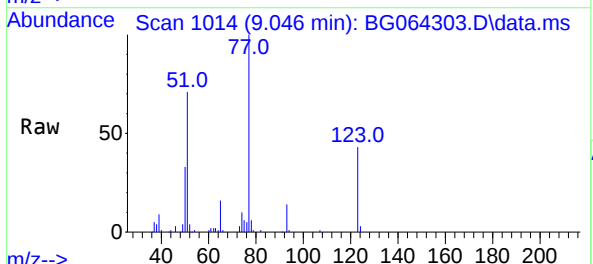
Tgt Ion: 77 Resp: 89844

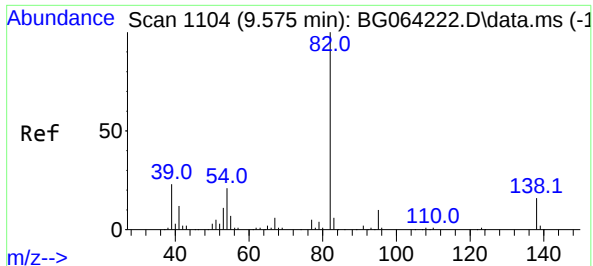
Ion Ratio Lower Upper

77 100

123 43.2 35.2 52.8

65 16.5 12.6 19.0

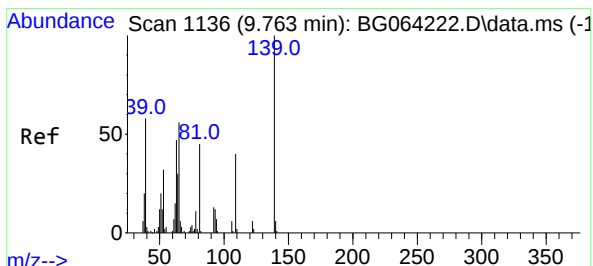
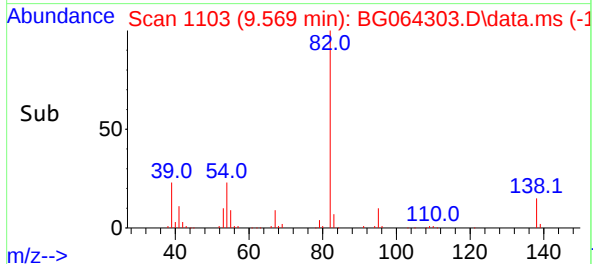
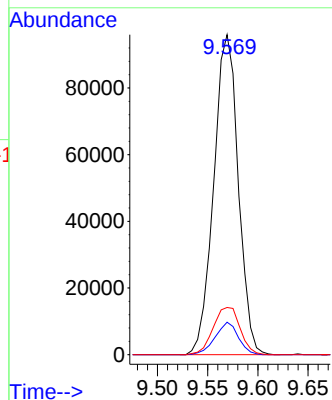
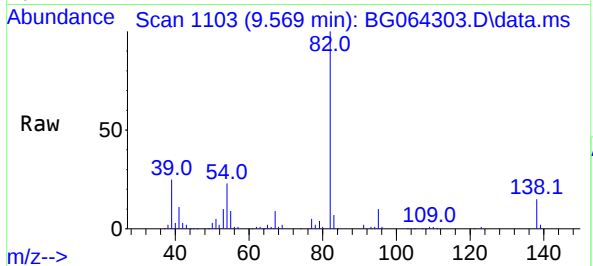




#25  
Isophorone  
Concen: 43.512 ng  
RT: 9.569 min Scan# 1104  
Delta R.T. -0.017 min  
Lab File: BG064303.D  
Acq: 8 Sep 2025 11:52

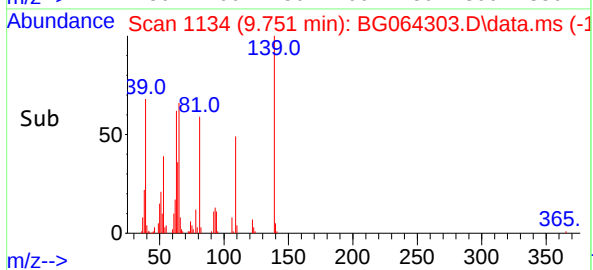
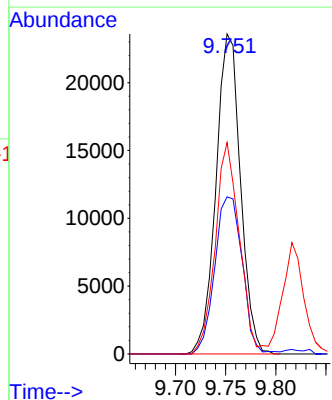
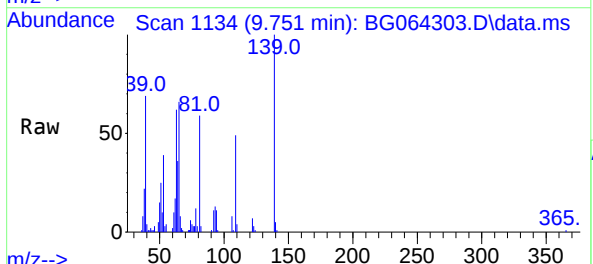
Instrument :  
BNA\_G  
ClientSampleId :  
PB169566BS

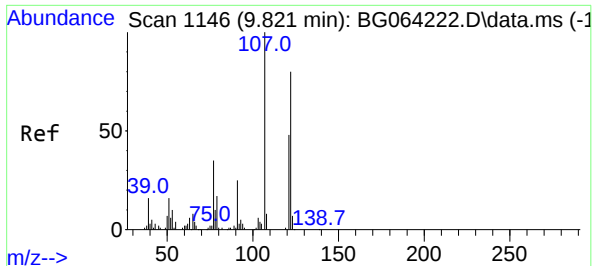
Tgt Ion: 82 Resp: 162972  
Ion Ratio Lower Upper  
82 100  
95 10.1 7.9 11.9  
138 14.8 13.0 19.4



#26  
2-Nitrophenol  
Concen: 49.298 ng  
RT: 9.751 min Scan# 1134  
Delta R.T. -0.011 min  
Lab File: BG064303.D  
Acq: 8 Sep 2025 11:52

Tgt Ion:139 Resp: 40109  
Ion Ratio Lower Upper  
139 100  
109 49.1 32.4 48.6#  
65 66.1 44.6 67.0

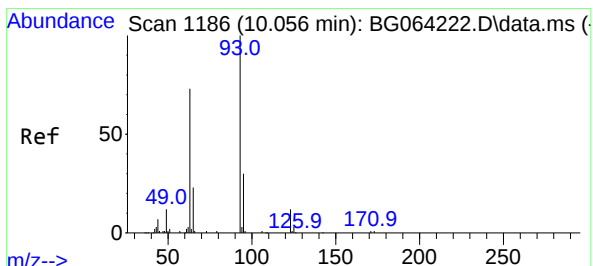
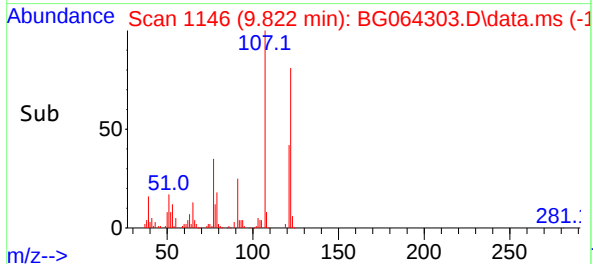
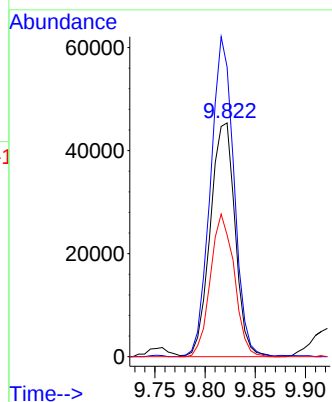
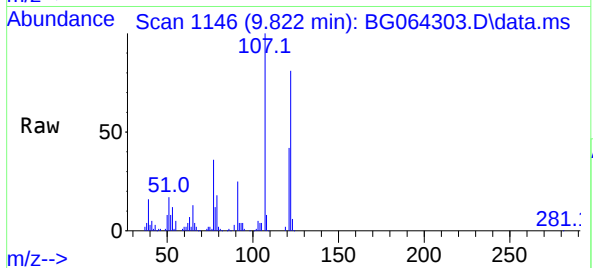




#27  
2,4-Dimethylphenol  
Concen: 54.596 ng  
RT: 9.822 min Scan# 1146  
Delta R.T. -0.005 min  
Lab File: BG064303.D  
Acq: 8 Sep 2025 11:52

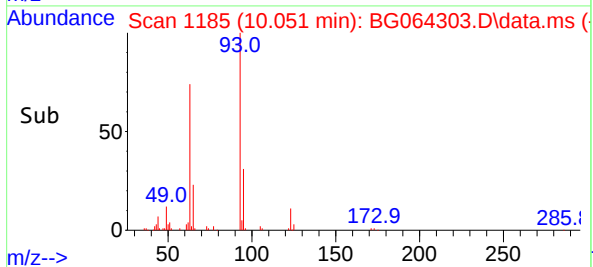
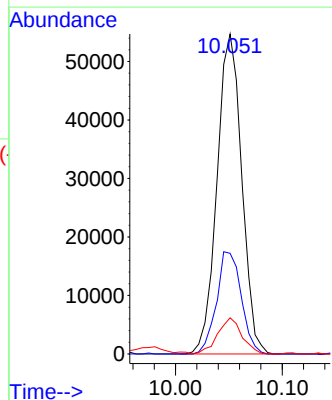
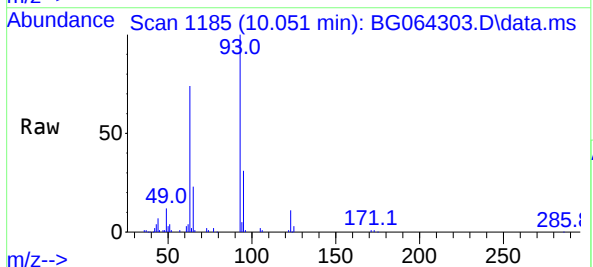
Instrument :  
BNA\_G  
ClientSampleId :  
PB169566BS

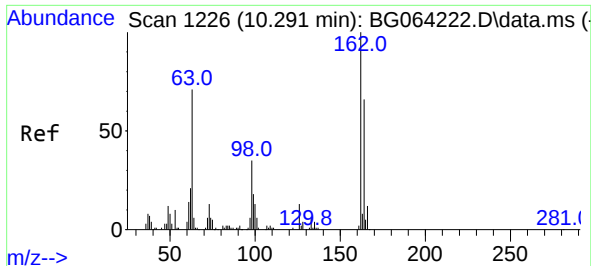
Tgt Ion:122 Resp: 77986  
Ion Ratio Lower Upper  
122 100  
107 124.0 99.9 149.9  
121 52.1 48.6 72.8



#28  
bis(2-Chloroethoxy)methane  
Concen: 43.552 ng  
RT: 10.051 min Scan# 1185  
Delta R.T. -0.011 min  
Lab File: BG064303.D  
Acq: 8 Sep 2025 11:52

Tgt Ion: 93 Resp: 87957  
Ion Ratio Lower Upper  
93 100  
95 31.5 23.9 35.9  
123 11.3 9.6 14.4





#29

2,4-Dichlorophenol

Concen: 53.434 ng

RT: 10.286 min Scan# 1225

Delta R.T. -0.011 min

Lab File: BG064303.D

Acq: 8 Sep 2025 11:52

Instrument :

BNA\_G

ClientSampleId :

PB169566BS

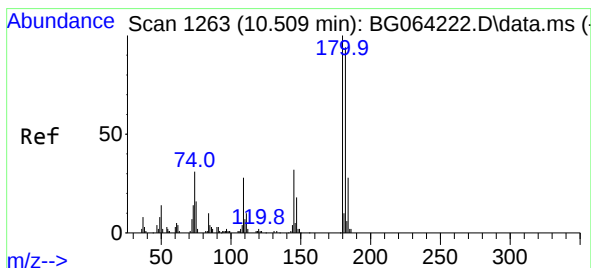
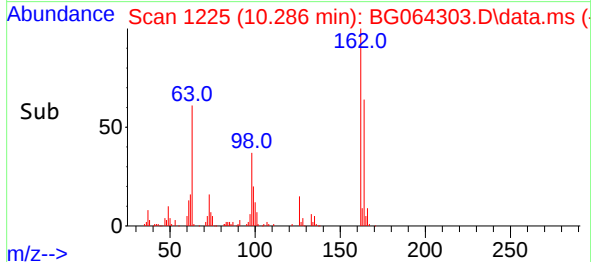
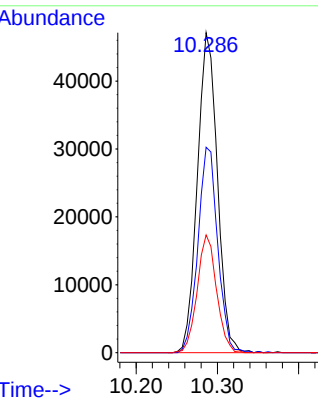
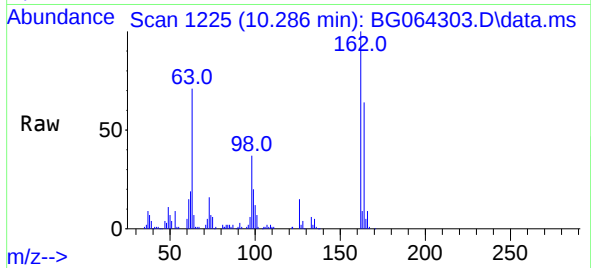
Tgt Ion:162 Resp: 80534

Ion Ratio Lower Upper

162 100

164 64.2 45.8 85.8

98 36.8 15.2 55.2



#30

1,2,4-Trichlorobenzene

Concen: 52.432 ng

RT: 10.503 min Scan# 1262

Delta R.T. -0.005 min

Lab File: BG064303.D

Acq: 8 Sep 2025 11:52

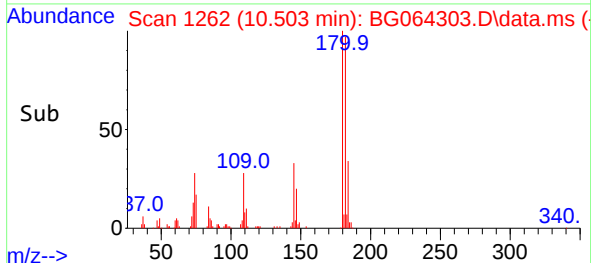
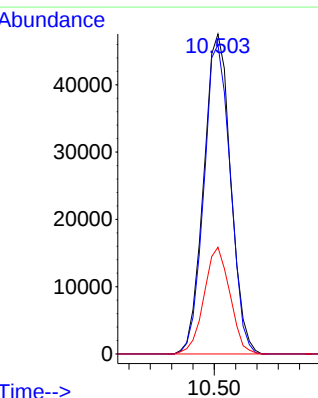
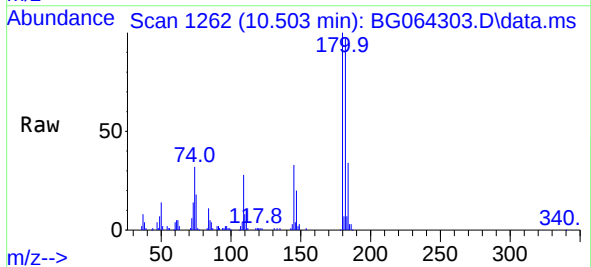
Tgt Ion:180 Resp: 83322

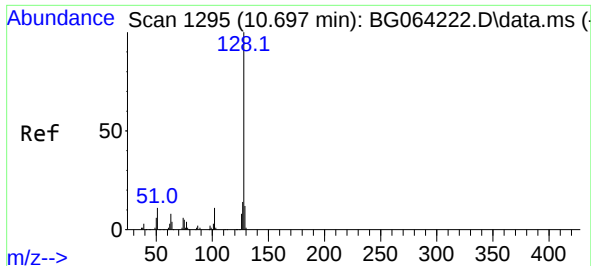
Ion Ratio Lower Upper

180 100

182 96.7 75.0 112.6

145 33.4 25.4 38.0

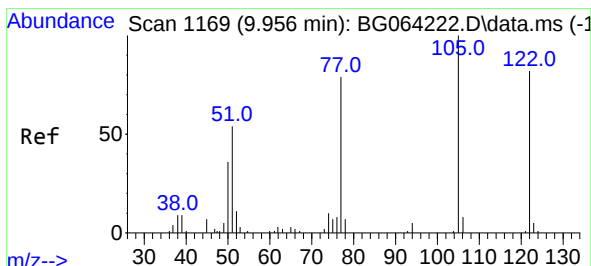
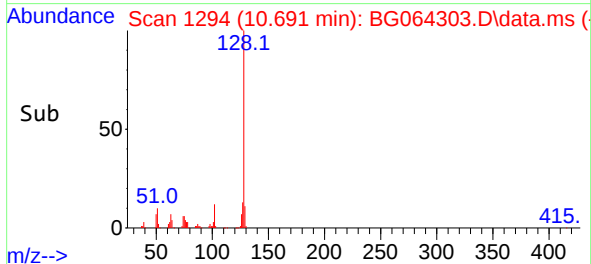
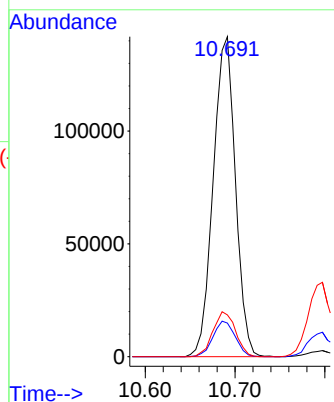
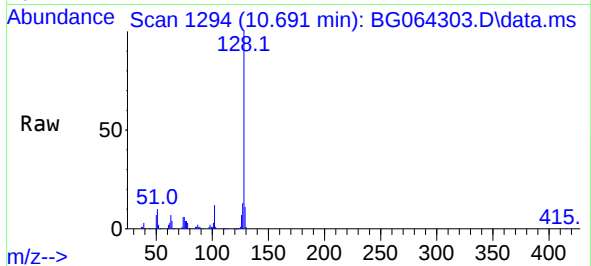




#31  
Naphthalene  
Concen: 46.660 ng  
RT: 10.691 min Scan# 1172  
Delta R.T. -0.005 min  
Lab File: BG064303.D  
Acq: 8 Sep 2025 11:52

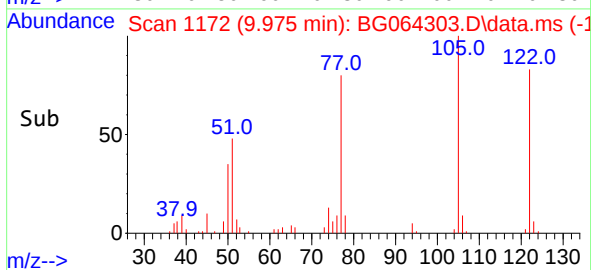
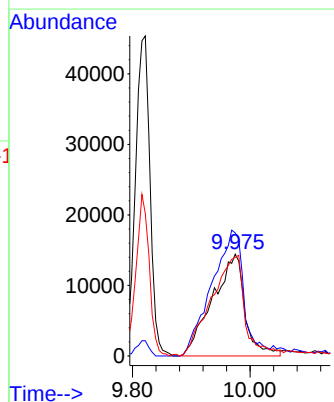
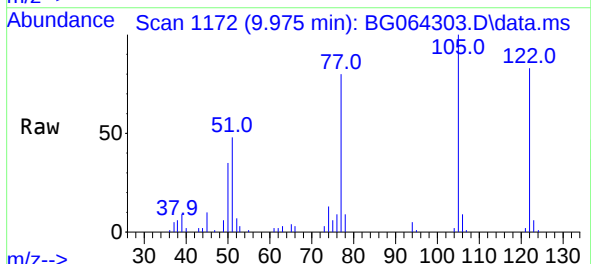
Instrument :  
BNA\_G  
ClientSampleId :  
PB169566BS

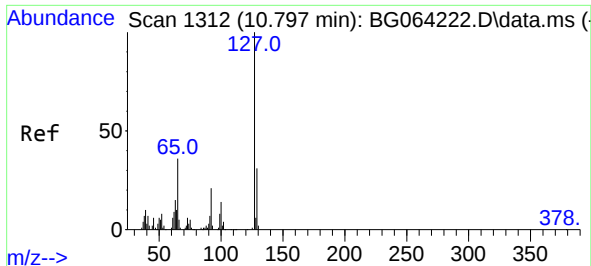
Tgt Ion:128 Resp: 243186  
Ion Ratio Lower Upper  
128 100  
129 10.5 9.4 14.2  
127 13.1 10.9 16.3



#32  
Benzoic acid  
Concen: 48.565 ng  
RT: 9.975 min Scan# 1172  
Delta R.T. -0.041 min  
Lab File: BG064303.D  
Acq: 8 Sep 2025 11:52

Tgt Ion:122 Resp: 55067  
Ion Ratio Lower Upper  
122 100  
105 121.0 98.5 138.5  
77 96.8 74.6 114.6

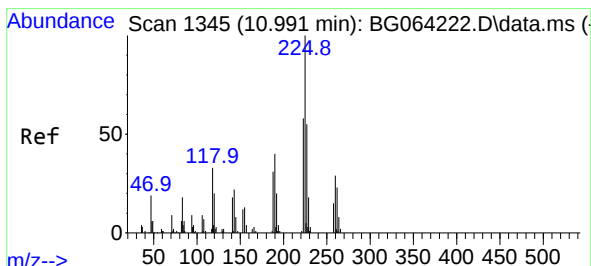
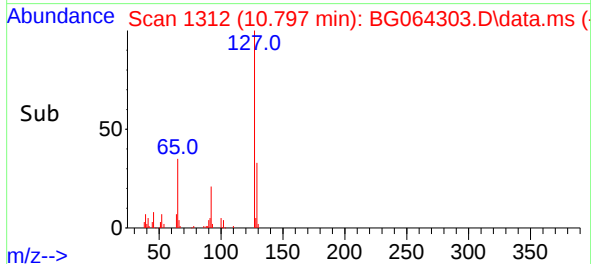
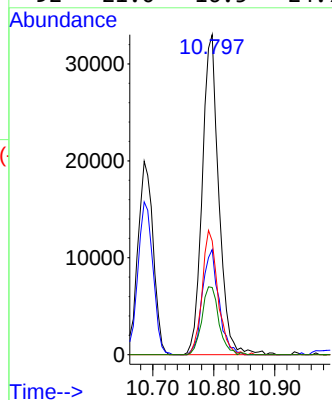
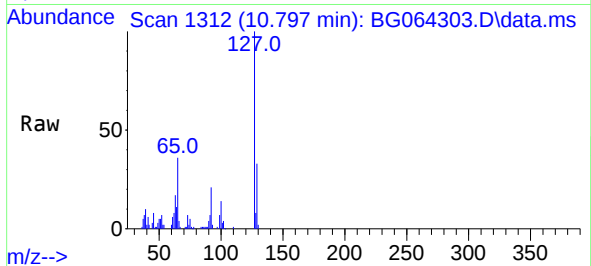




#33  
4-Chloroaniline  
Concen: 30.872 ng  
RT: 10.797 min Scan# 11  
Delta R.T. -0.005 min  
Lab File: BG064303.D  
Acq: 8 Sep 2025 11:52

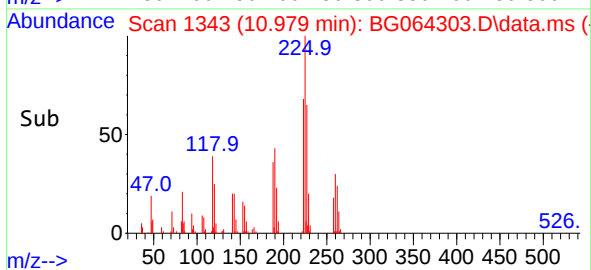
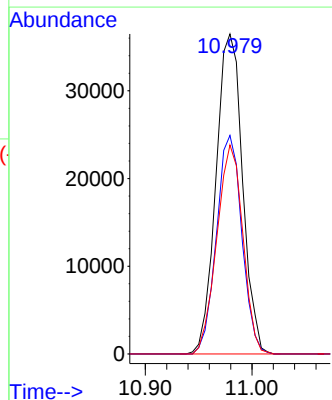
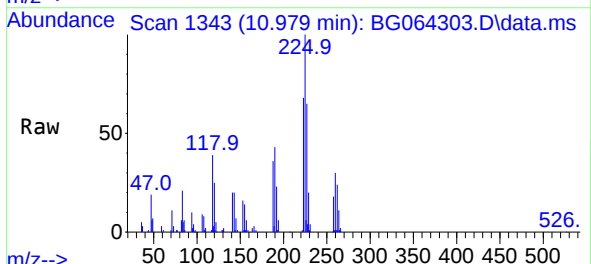
Instrument :  
BNA\_G  
ClientSampleId :  
PB169566BS

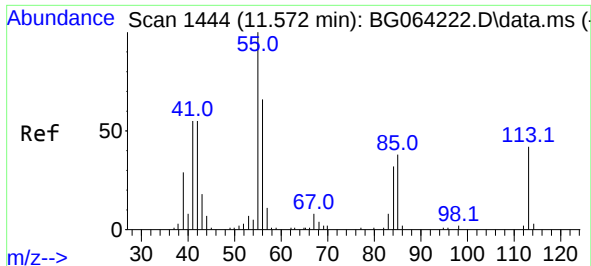
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 127   | Resp: | 62362 |
| Ion      | Ratio | Lower | Upper |
| 127      | 100   |       |       |
| 129      | 32.9  | 25.0  | 37.4  |
| 65       | 35.5  | 28.7  | 43.1  |
| 92       | 21.0  | 16.5  | 24.7  |



#34  
Hexachlorobutadiene  
Concen: 53.558 ng  
RT: 10.979 min Scan# 1343  
Delta R.T. -0.011 min  
Lab File: BG064303.D  
Acq: 8 Sep 2025 11:52

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 225   | Resp: | 62914 |
| Ion      | Ratio | Lower | Upper |
| 225      | 100   |       |       |
| 223      | 68.3  | 46.5  | 69.7  |
| 227      | 65.3  | 44.1  | 66.1  |

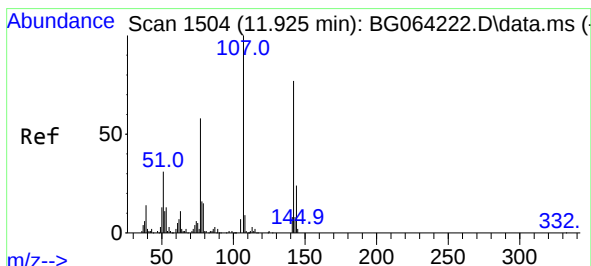
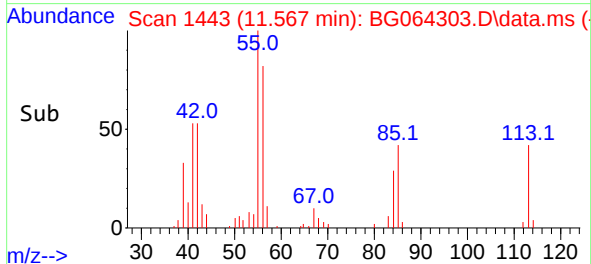
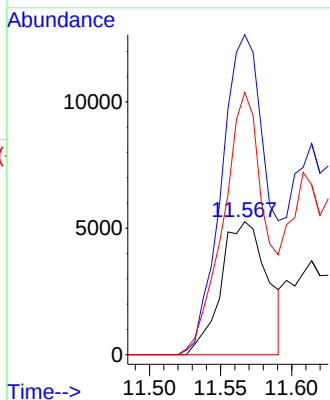
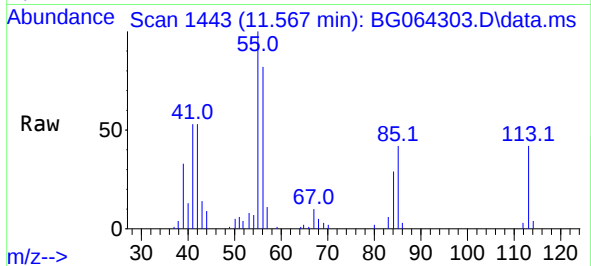




#35  
Caprolactam  
Concen: 20.407 ng  
RT: 11.567 min Scan# 1444  
Delta R.T. -0.035 min  
Lab File: BG064303.D  
Acq: 8 Sep 2025 11:52

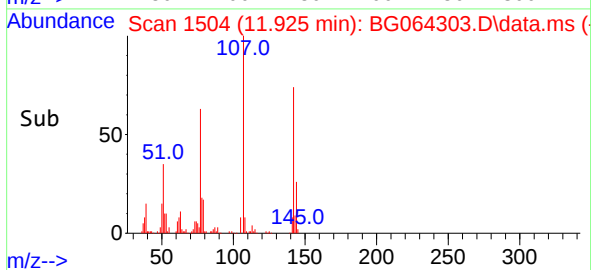
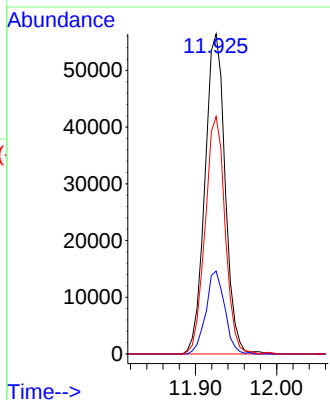
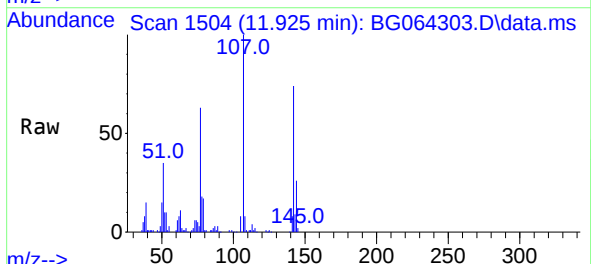
Instrument :  
BNA\_G  
ClientSampleId :  
PB169566BS

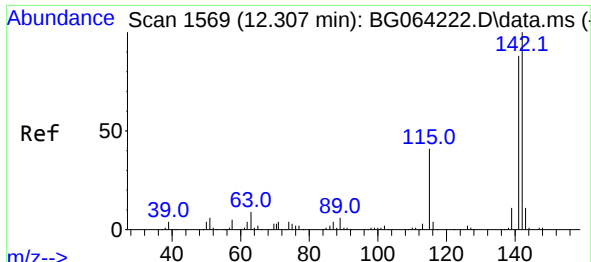
Tgt Ion:113 Resp: 11909  
Ion Ratio Lower Upper  
113 100  
55 240.5 218.5 258.5  
56 197.1 138.5 178.5#



#36  
4-Chloro-3-methylphenol  
Concen: 49.809 ng  
RT: 11.925 min Scan# 1504  
Delta R.T. -0.005 min  
Lab File: BG064303.D  
Acq: 8 Sep 2025 11:52

Tgt Ion:107 Resp: 97401  
Ion Ratio Lower Upper  
107 100  
144 25.9 19.5 29.3  
142 74.2 62.0 93.0

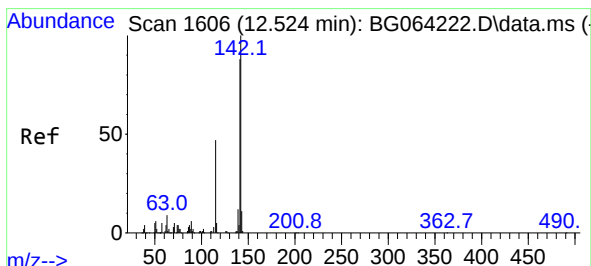
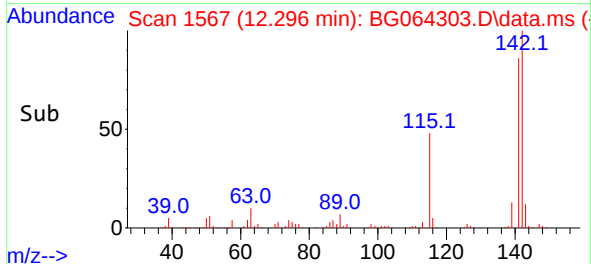
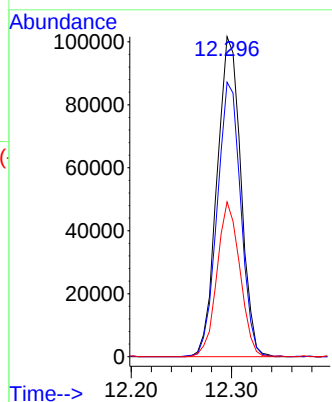
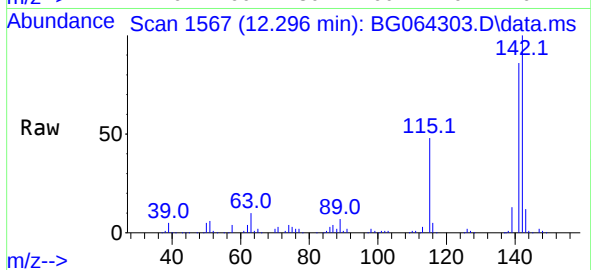




#37  
2-Methylnaphthalene  
Concen: 43.135 ng  
RT: 12.296 min Scan# 1567  
Delta R.T. -0.011 min  
Lab File: BG064303.D  
Acq: 8 Sep 2025 11:52

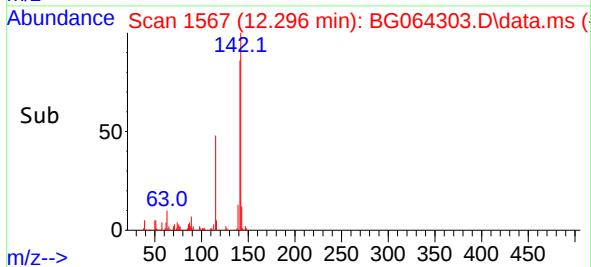
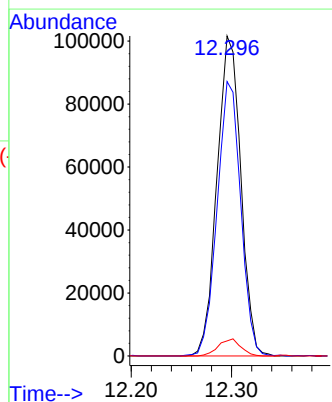
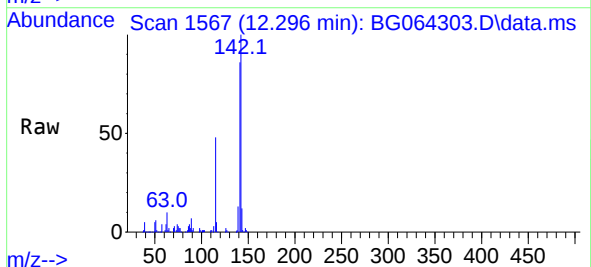
Instrument :  
BNA\_G  
ClientSampleId :  
PB169566BS

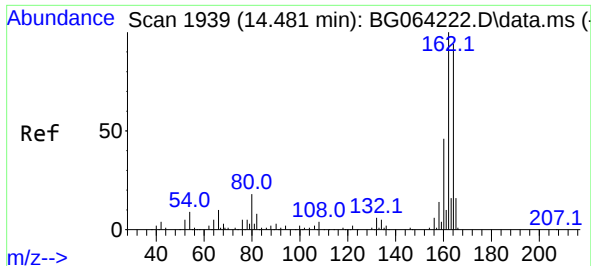
Tgt Ion:142 Resp: 167102  
Ion Ratio Lower Upper  
142 100  
141 85.8 70.1 105.1  
115 48.3 33.1 49.7



#38  
1-Methylnaphthalene  
Concen: 43.670 ng  
RT: 12.296 min Scan# 1567  
Delta R.T. -0.229 min  
Lab File: BG064303.D  
Acq: 8 Sep 2025 11:52

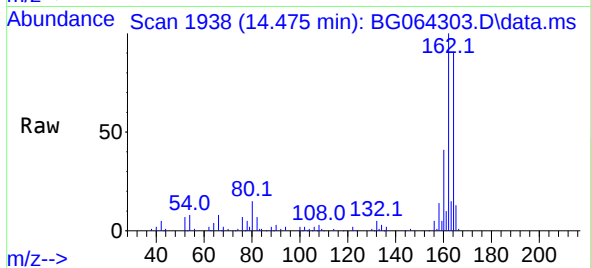
Tgt Ion:142 Resp: 167102  
Ion Ratio Lower Upper  
142 100  
141 85.8 70.3 105.5  
116 4.7 3.7 5.5



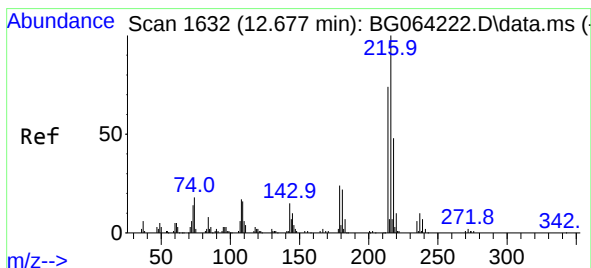
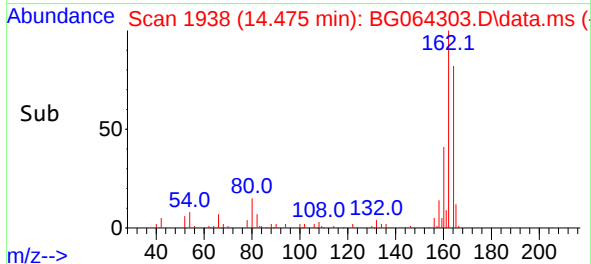
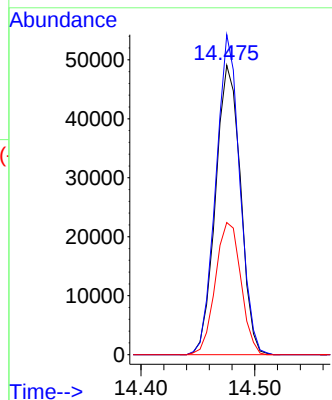


#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.475 min Scan# 1938  
Delta R.T. -0.006 min  
Lab File: BG064303.D  
Acq: 8 Sep 2025 11:52

Instrument :  
BNA\_G  
ClientSampleId :  
PB169566BS

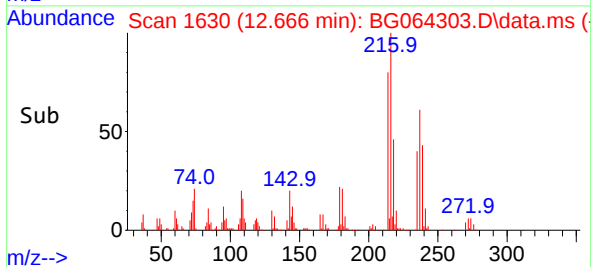
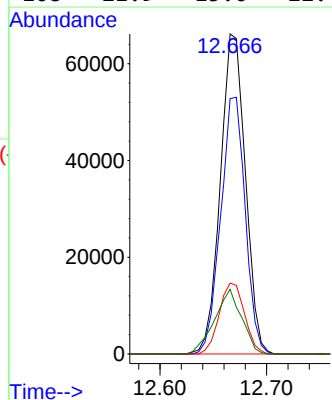
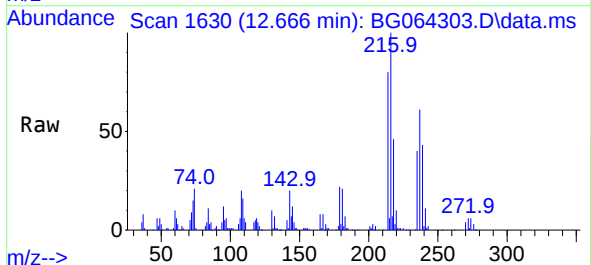


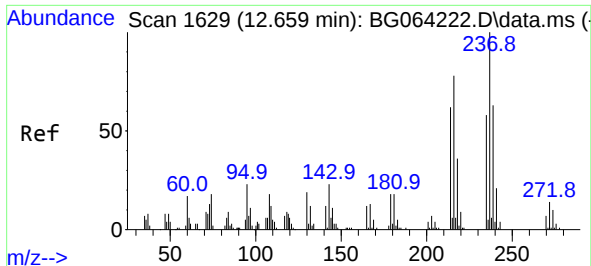
Tgt Ion:164 Resp: 74827  
Ion Ratio Lower Upper  
164 100  
162 110.5 85.4 128.0  
160 45.7 39.2 58.8



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 49.931 ng  
RT: 12.666 min Scan# 1630  
Delta R.T. -0.011 min  
Lab File: BG064303.D  
Acq: 8 Sep 2025 11:52

Tgt Ion:216 Resp: 107801  
Ion Ratio Lower Upper  
216 100  
214 78.5 61.9 92.9  
179 22.4 17.9 26.9  
108 21.9 15.0 22.4

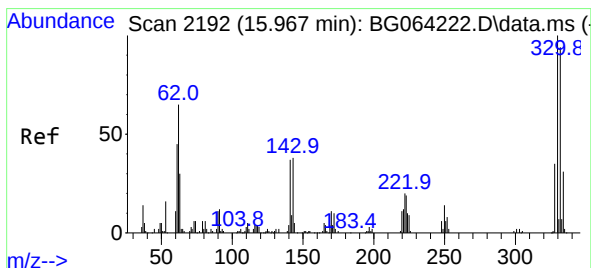
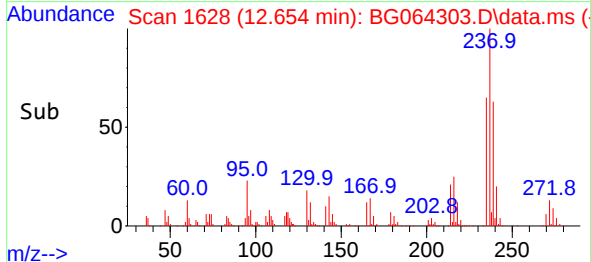
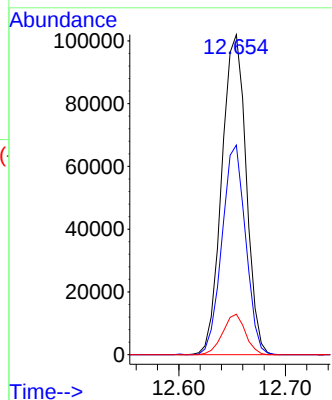
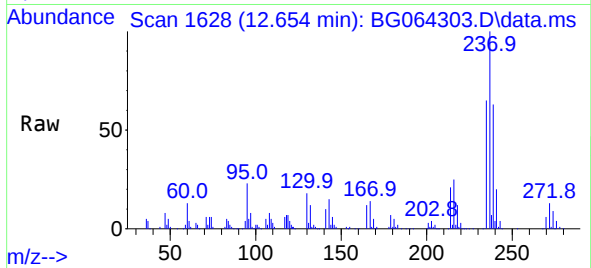




#41  
Hexachlorocyclopentadiene  
Concen: 157.628 ng  
RT: 12.654 min Scan# 1  
Delta R.T. -0.005 min  
Lab File: BG064303.D  
Acq: 8 Sep 2025 11:52

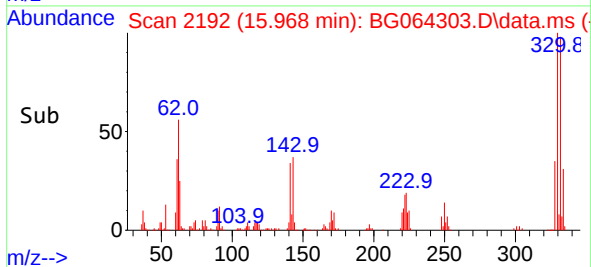
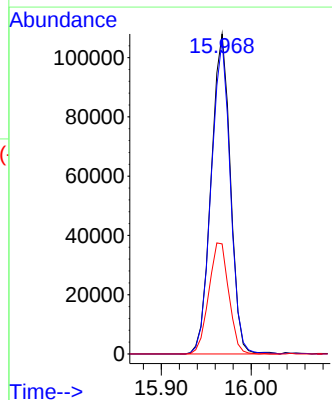
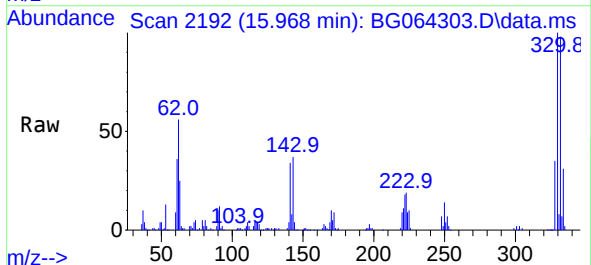
Instrument :  
BNA\_G  
ClientSampleId :  
PB169566BS

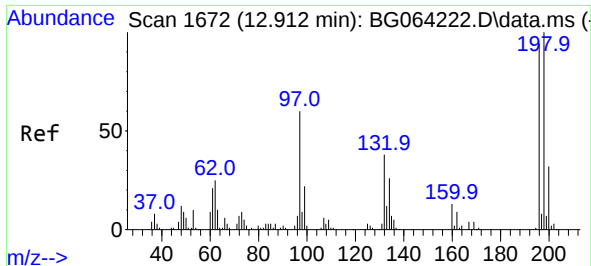
Tgt Ion:237 Resp: 161742  
Ion Ratio Lower Upper  
237 100  
235 65.5 37.9 77.9  
272 12.6 0.0 33.8



#42  
2,4,6-Tribromophenol  
Concen: 161.668 ng  
RT: 15.968 min Scan# 2192  
Delta R.T. -0.005 min  
Lab File: BG064303.D  
Acq: 8 Sep 2025 11:52

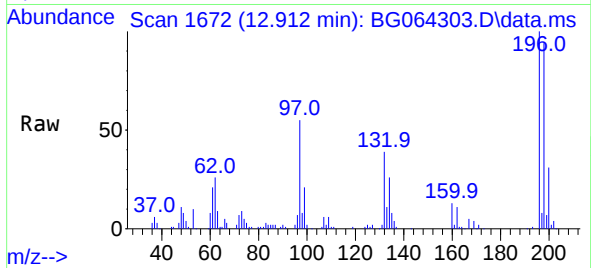
Tgt Ion:330 Resp: 160232  
Ion Ratio Lower Upper  
330 100  
332 97.0 77.6 116.4  
141 36.2 29.8 44.6



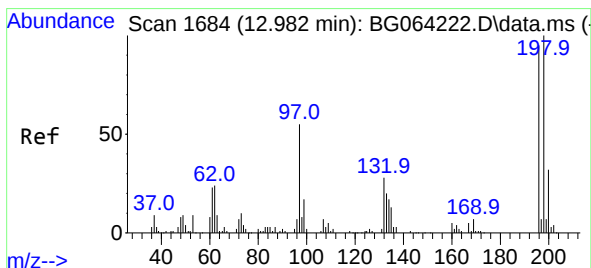
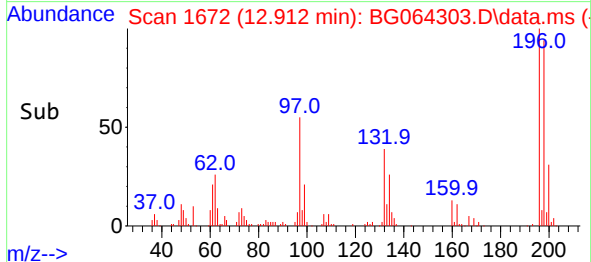
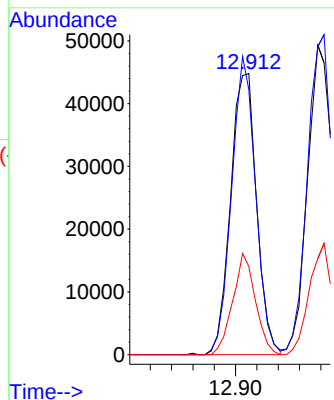


#43  
2,4,6-Trichlorophenol  
Concen: 52.754 ng  
RT: 12.912 min Scan# 1672  
Delta R.T. 0.000 min  
Lab File: BG064303.D  
Acq: 8 Sep 2025 11:52

Instrument :  
BNA\_G  
ClientSampleId :  
PB169566BS

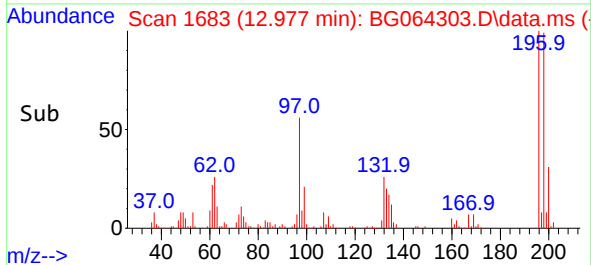
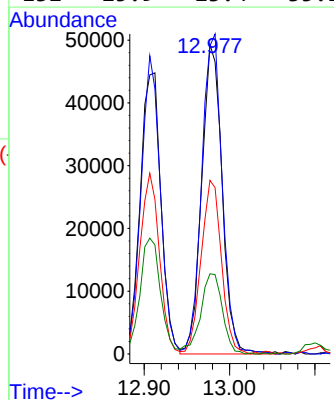
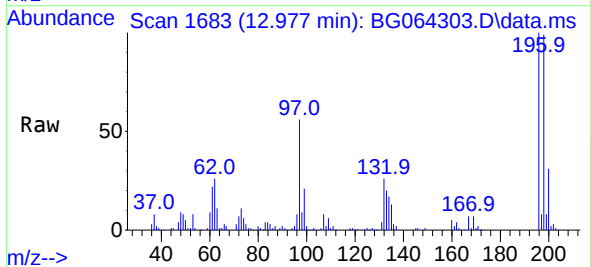


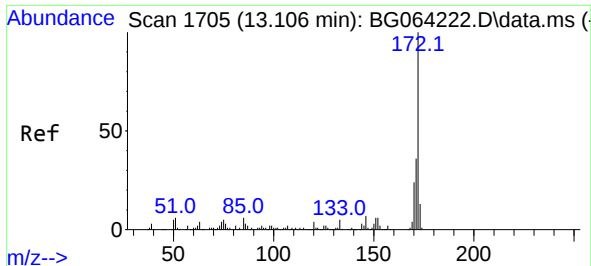
Tgt Ion:196 Resp: 76127  
Ion Ratio Lower Upper  
196 100  
198 94.3 85.4 128.2  
200 31.4 27.3 40.9



#44  
2,4,5-Trichlorophenol  
Concen: 52.442 ng  
RT: 12.977 min Scan# 1683  
Delta R.T. -0.011 min  
Lab File: BG064303.D  
Acq: 8 Sep 2025 11:52

Tgt Ion:196 Resp: 82091  
Ion Ratio Lower Upper  
196 100  
198 99.5 84.5 126.7  
97 56.1 46.8 70.2  
132 25.9 23.4 35.2

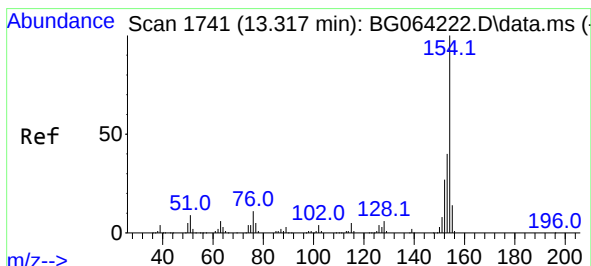
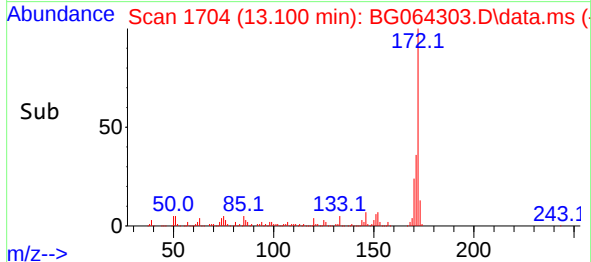
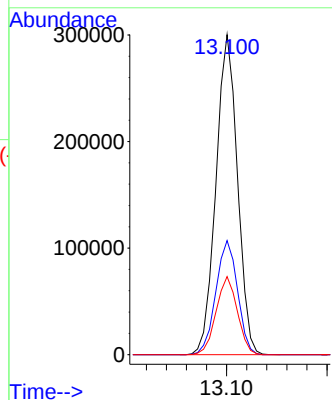
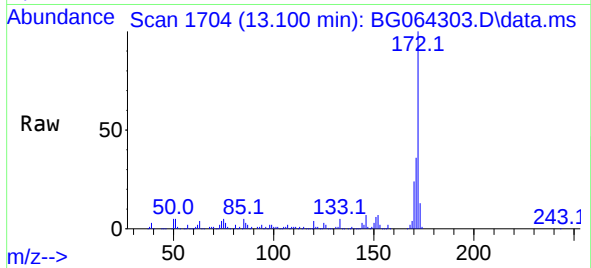




#45  
2-Fluorobiphenyl  
Concen: 91.016 ng  
RT: 13.100 min Scan# 1704  
Delta R.T. -0.011 min  
Lab File: BG064303.D  
Acq: 8 Sep 2025 11:52

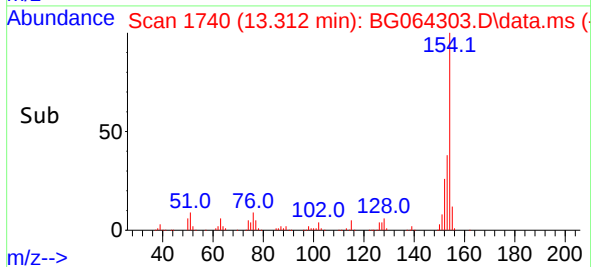
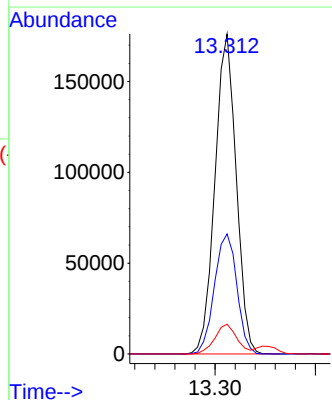
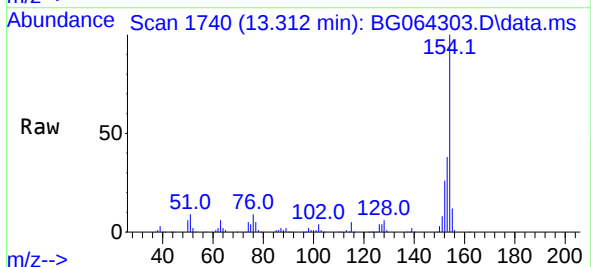
Instrument :  
BNA\_G  
ClientSampleId :  
PB169566BS

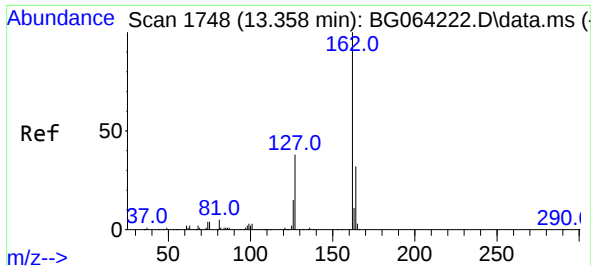
Tgt Ion:172 Resp: 446193  
Ion Ratio Lower Upper  
172 100  
171 35.7 28.7 43.1  
170 24.4 19.0 28.6



#46  
1,1'-Biphenyl  
Concen: 47.496 ng  
RT: 13.312 min Scan# 1740  
Delta R.T. -0.005 min  
Lab File: BG064303.D  
Acq: 8 Sep 2025 11:52

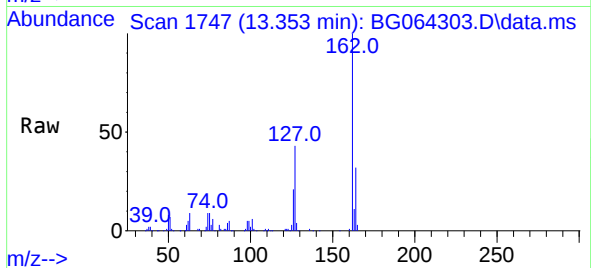
Tgt Ion:154 Resp: 258854  
Ion Ratio Lower Upper  
154 100  
153 37.5 19.9 59.9  
76 9.3 0.0 30.9



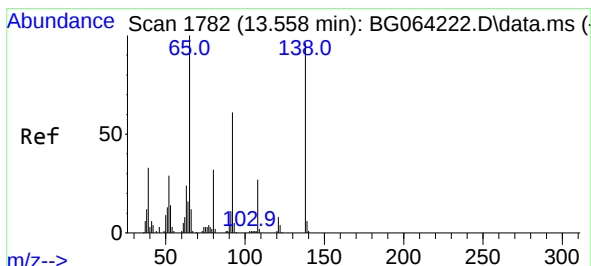
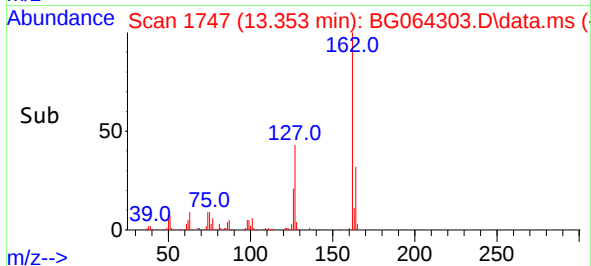
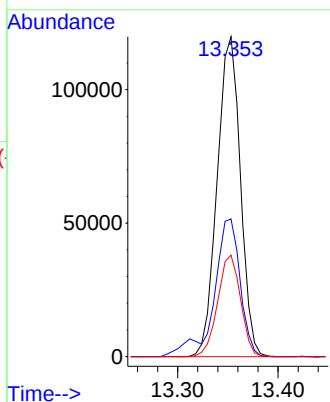


#47  
2-Chloronaphthalene  
Concen: 46.939 ng  
RT: 13.353 min Scan# 1747  
Delta R.T. -0.005 min  
Lab File: BG064303.D  
Acq: 8 Sep 2025 11:52

Instrument :  
BNA\_G  
ClientSampleId :  
PB169566BS

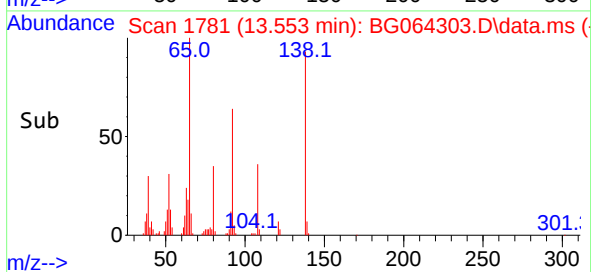
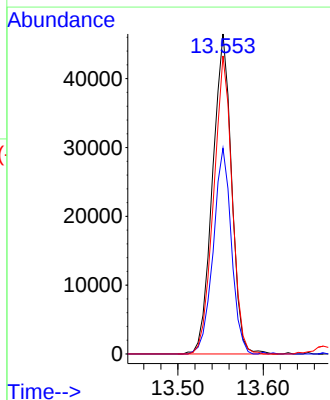
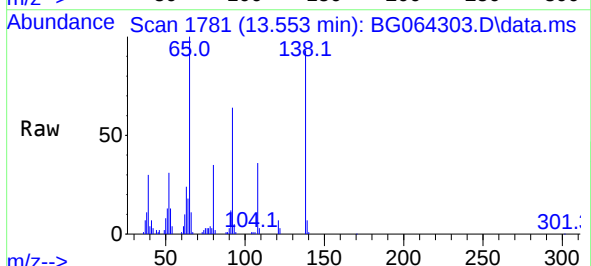


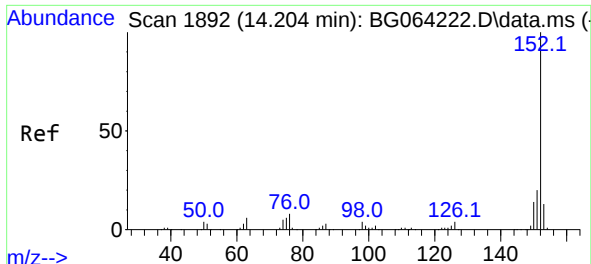
Tgt Ion:162 Resp: 192323  
Ion Ratio Lower Upper  
162 100  
127 43.1 33.9 50.9  
164 31.8 25.4 38.2



#48  
2-Nitroaniline  
Concen: 51.677 ng  
RT: 13.553 min Scan# 1781  
Delta R.T. -0.011 min  
Lab File: BG064303.D  
Acq: 8 Sep 2025 11:52

Tgt Ion: 65 Resp: 72167  
Ion Ratio Lower Upper  
65 100  
92 64.3 49.2 73.8  
138 93.2 76.8 115.2

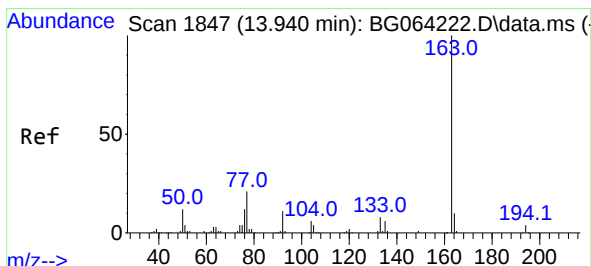
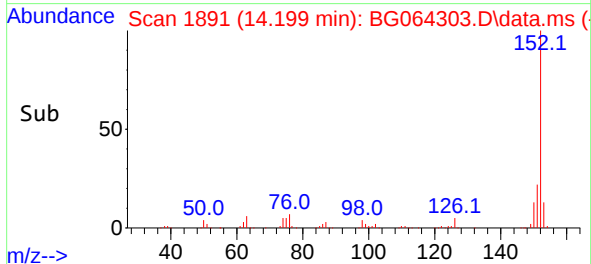
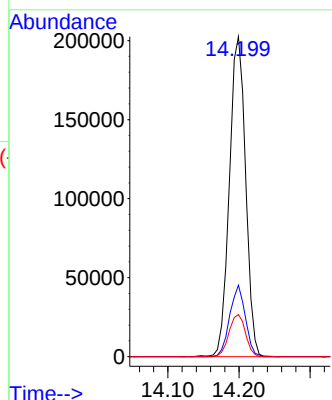
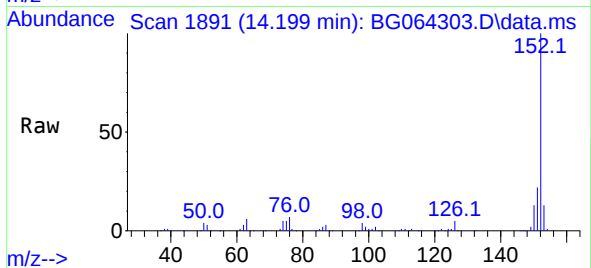




#49  
Acenaphthylene  
Concen: 52.992 ng  
RT: 14.199 min Scan# 1891  
Delta R.T. -0.005 min  
Lab File: BG064303.D  
Acq: 8 Sep 2025 11:52

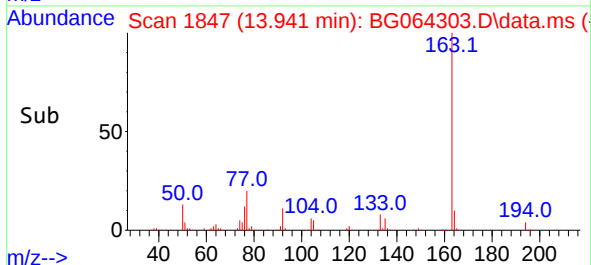
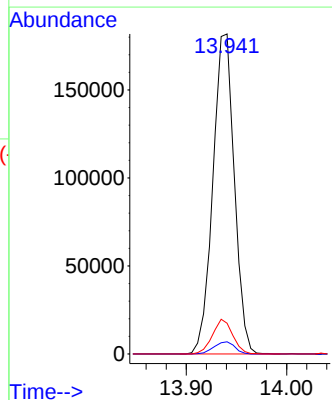
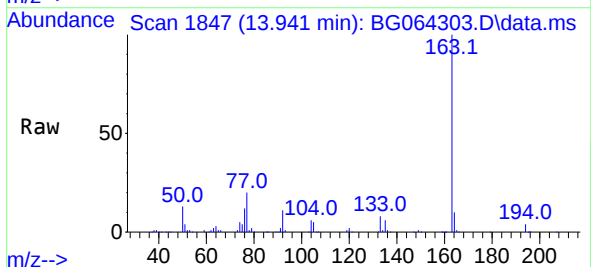
Instrument :  
BNA\_G  
ClientSampleId :  
PB169566BS

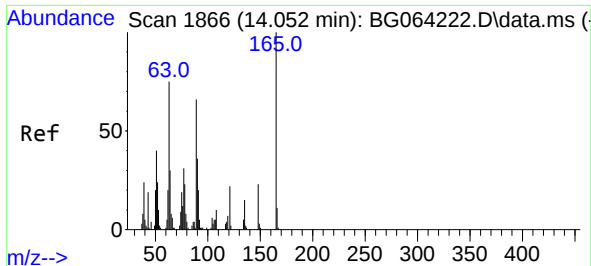
Tgt Ion:152 Resp: 320960  
Ion Ratio Lower Upper  
152 100  
151 22.4 16.2 24.2  
153 13.1 10.1 15.1



#50  
Dimethylphthalate  
Concen: 47.698 ng  
RT: 13.941 min Scan# 1847  
Delta R.T. -0.005 min  
Lab File: BG064303.D  
Acq: 8 Sep 2025 11:52

Tgt Ion:163 Resp: 270152  
Ion Ratio Lower Upper  
163 100  
194 3.8 3.0 4.4  
164 9.6 7.9 11.9

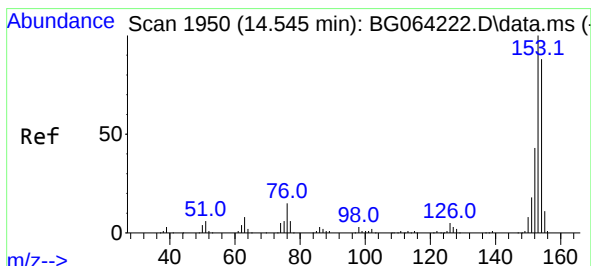
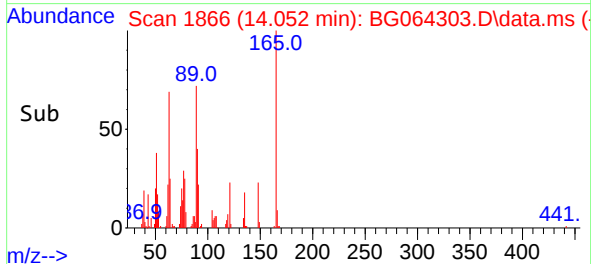
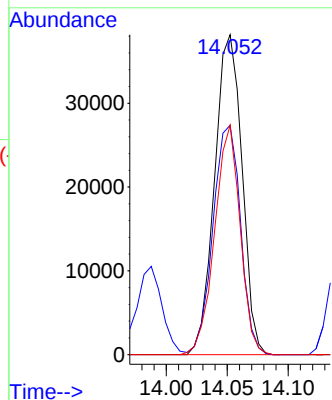
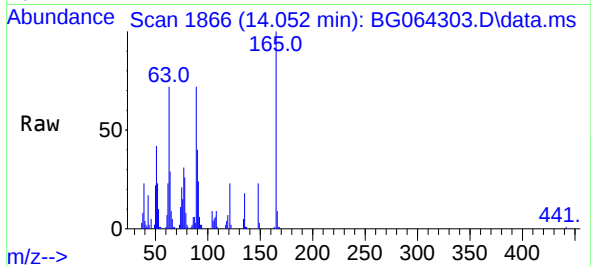




#51  
2,6-Dinitrotoluene  
Concen: 54.446 ng  
RT: 14.052 min Scan# 1866  
Delta R.T. -0.005 min  
Lab File: BG064303.D  
Acq: 8 Sep 2025 11:52

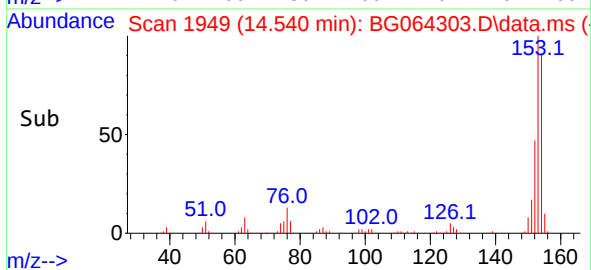
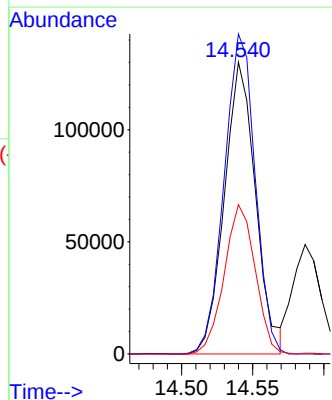
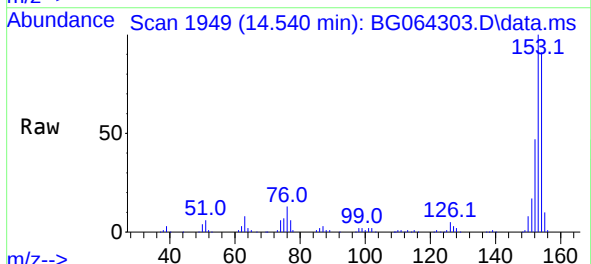
Instrument :  
BNA\_G  
ClientSampleId :  
PB169566BS

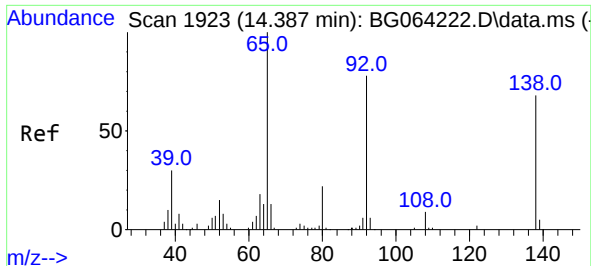
Tgt Ion:165 Resp: 59699  
Ion Ratio Lower Upper  
165 100  
63 71.7 60.3 90.5  
89 71.7 52.9 79.3



#52  
Acenaphthene  
Concen: 46.618 ng  
RT: 14.540 min Scan# 1949  
Delta R.T. -0.011 min  
Lab File: BG064303.D  
Acq: 8 Sep 2025 11:52

Tgt Ion:154 Resp: 199257  
Ion Ratio Lower Upper  
154 100  
153 109.6 91.1 136.7  
152 51.2 39.6 59.4

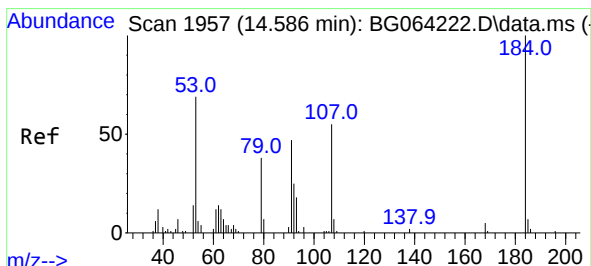
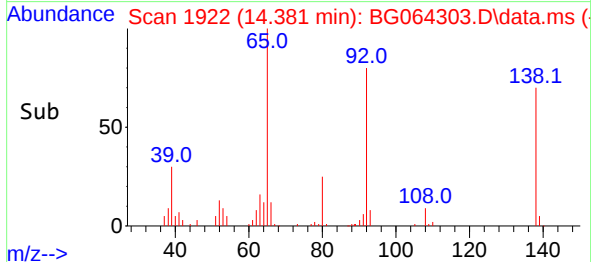
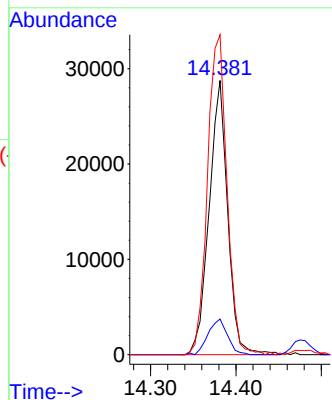
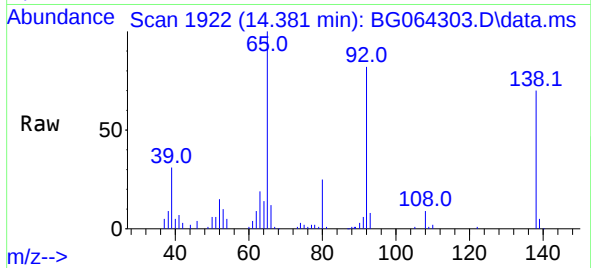




#53  
3-Nitroaniline  
Concen: 37.871 ng  
RT: 14.381 min Scan# 1922  
Delta R.T. -0.005 min  
Lab File: BG064303.D  
Acq: 8 Sep 2025 11:52

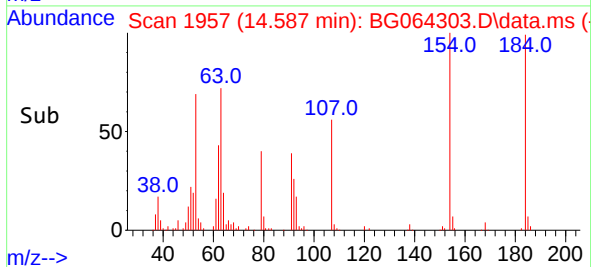
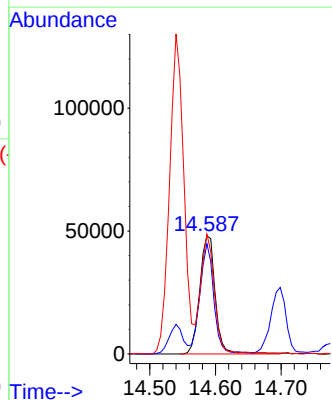
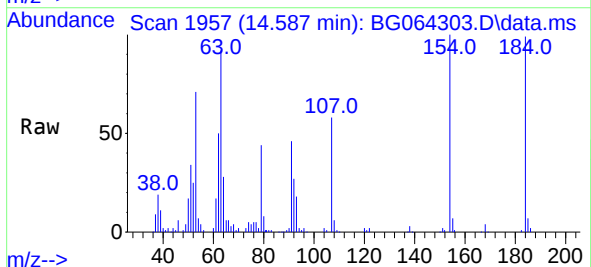
Instrument :  
BNA\_G  
ClientSampleId :  
PB169566BS

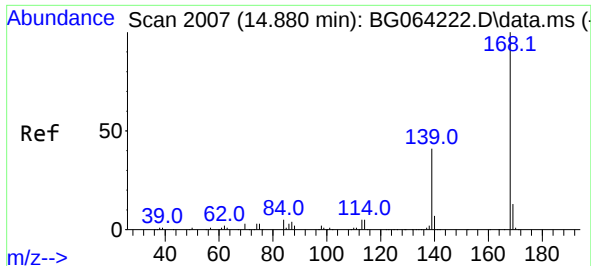
Tgt Ion:138 Resp: 43497  
Ion Ratio Lower Upper  
138 100  
108 13.0 11.0 16.6  
92 116.7 91.4 137.0



#54  
2,4-Dinitrophenol  
Concen: 108.779 ng  
RT: 14.587 min Scan# 1957  
Delta R.T. -0.005 min  
Lab File: BG064303.D  
Acq: 8 Sep 2025 11:52

Tgt Ion:184 Resp: 79494  
Ion Ratio Lower Upper  
184 100  
63 93.2 60.1 90.1#  
154 101.4 59.8 89.8#

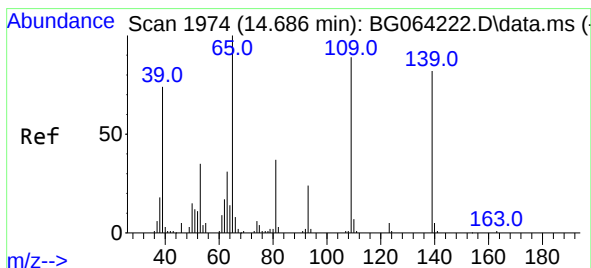
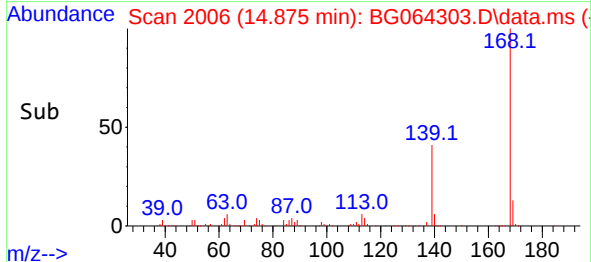
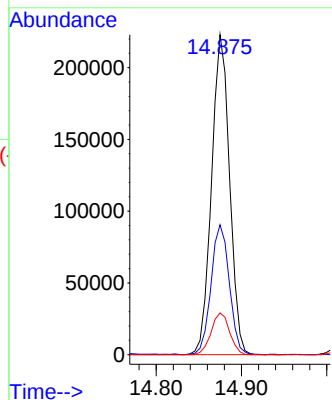
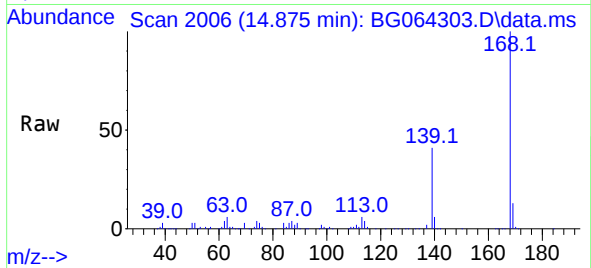




#55  
Dibenzofuran  
Concen: 48.663 ng  
RT: 14.875 min Scan# 2007  
Delta R.T. -0.005 min  
Lab File: BG064303.D  
Acq: 8 Sep 2025 11:52

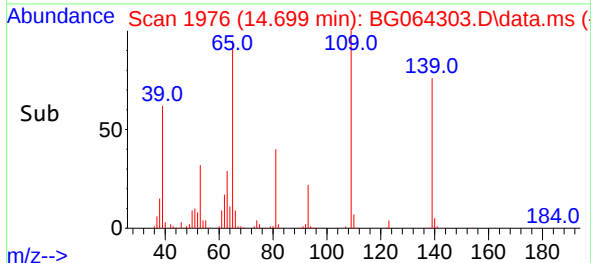
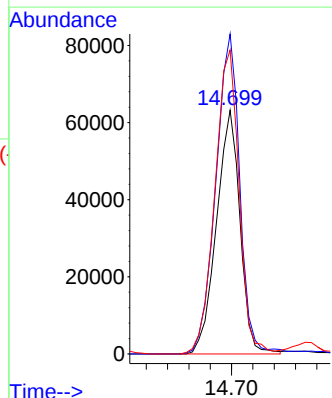
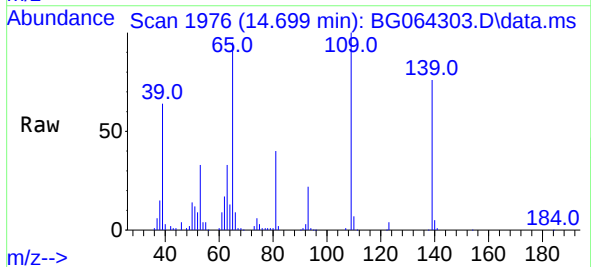
Instrument :  
BNA\_G  
ClientSampleId :  
PB169566BS

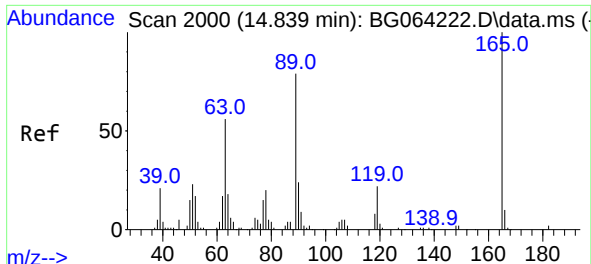
Tgt Ion:168 Resp: 327167  
Ion Ratio Lower Upper  
168 100  
139 40.6 33.2 49.8  
169 13.1 10.4 15.6



#56  
4-Nitrophenol  
Concen: 102.660 ng  
RT: 14.699 min Scan# 1976  
Delta R.T. 0.000 min  
Lab File: BG064303.D  
Acq: 8 Sep 2025 11:52

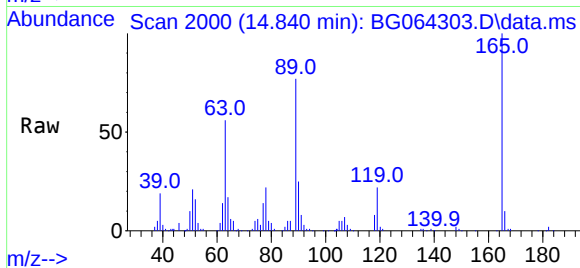
Tgt Ion:139 Resp: 96721  
Ion Ratio Lower Upper  
139 100  
109 131.3 89.1 129.1#  
65 124.8 102.9 142.9





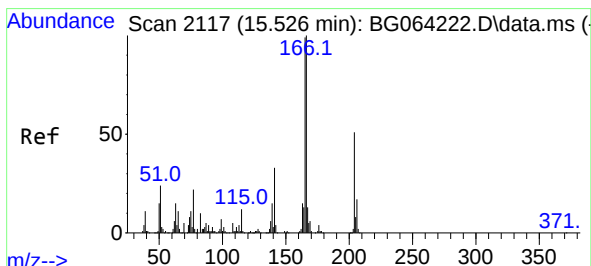
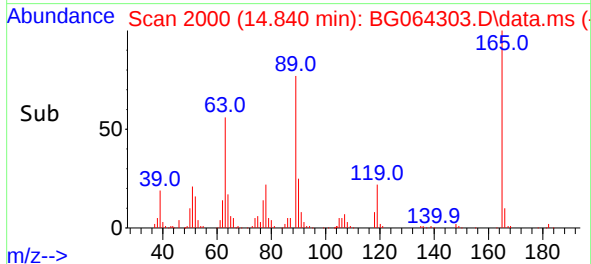
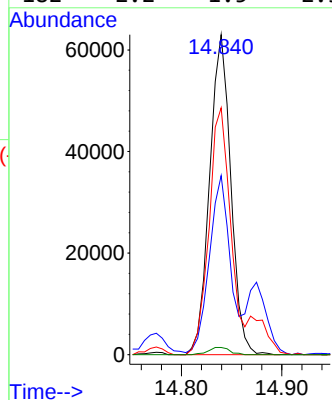
#57  
2,4-Dinitrotoluene  
Concen: 55.680 ng  
RT: 14.840 min Scan# 2000  
Delta R.T. -0.005 min  
Lab File: BG064303.D  
Acq: 8 Sep 2025 11:52

Instrument :  
BNA\_G  
ClientSampleId :  
PB169566BS



Tgt Ion:165 Resp: 92311

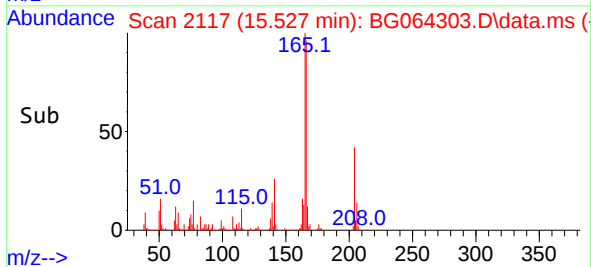
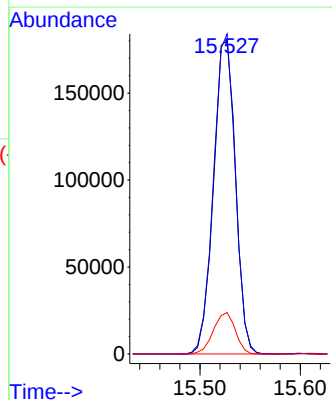
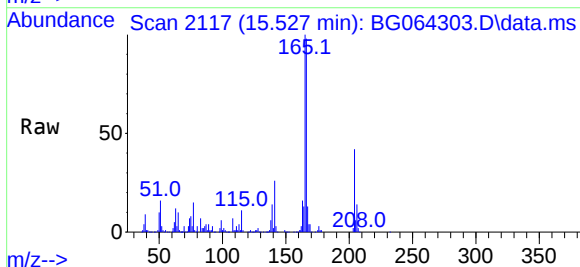
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 165 | 100   |       |       |
| 63  | 56.0  | 44.6  | 67.0  |
| 89  | 77.1  | 63.0  | 94.4  |
| 182 | 2.2   | 1.5   | 2.3   |

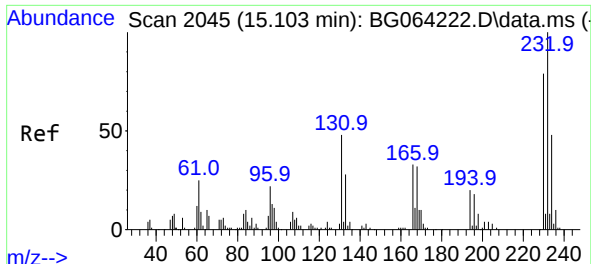


#58  
Fluorene  
Concen: 49.643 ng  
RT: 15.527 min Scan# 2117  
Delta R.T. -0.006 min  
Lab File: BG064303.D  
Acq: 8 Sep 2025 11:52

Tgt Ion:166 Resp: 273556

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 166 | 100   |       |       |
| 165 | 102.0 | 79.1  | 118.7 |
| 167 | 13.2  | 10.2  | 15.4  |



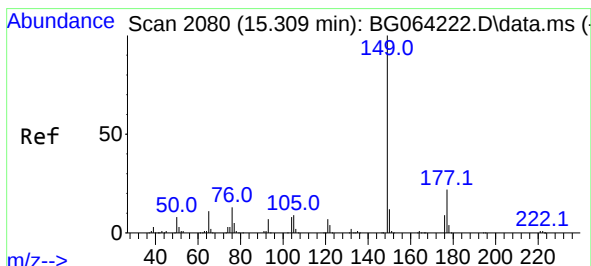
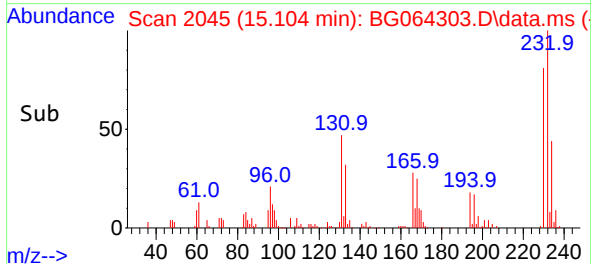
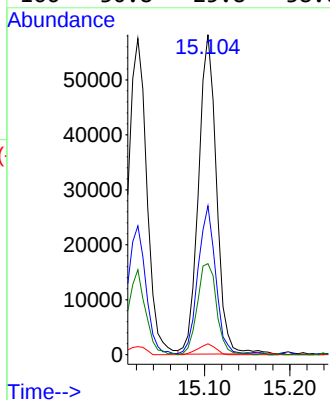
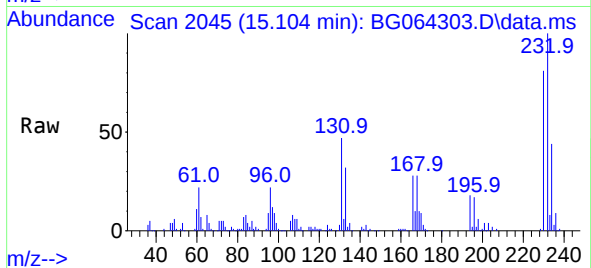


#59  
2,3,4,6-Tetrachlorophenol  
Concen: 56.473 ng  
RT: 15.104 min Scan# 2045  
Delta R.T. -0.005 min  
Lab File: BG064303.D  
Acq: 8 Sep 2025 11:52

Instrument :  
BNA\_G  
ClientSampleId :  
PB169566BS

Tgt Ion:232 Resp: 85025

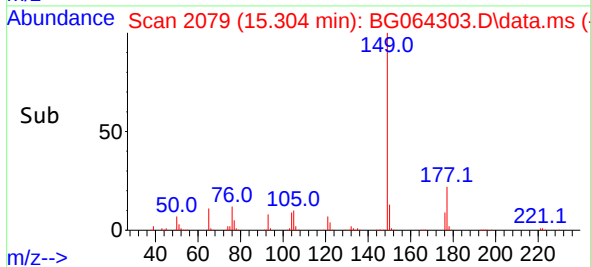
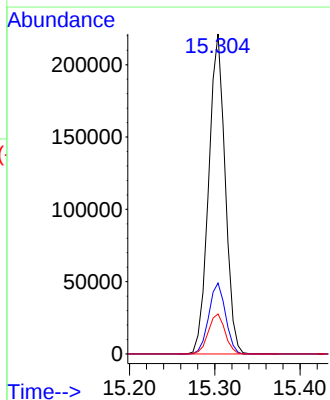
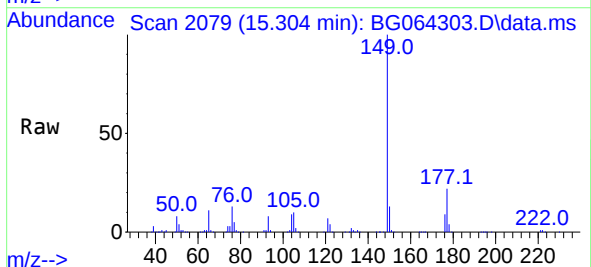
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 232 | 100   |       |       |
| 131 | 45.1  | 37.1  | 55.7  |
| 130 | 3.3   | 2.6   | 3.8   |
| 166 | 30.8  | 25.8  | 38.6  |

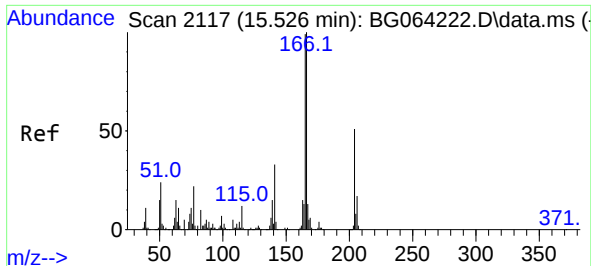


#60  
Diethylphthalate  
Concen: 49.058 ng  
RT: 15.304 min Scan# 2079  
Delta R.T. -0.011 min  
Lab File: BG064303.D  
Acq: 8 Sep 2025 11:52

Tgt Ion:149 Resp: 297365

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 177 | 22.2  | 17.5  | 26.3  |
| 150 | 12.5  | 9.9   | 14.9  |

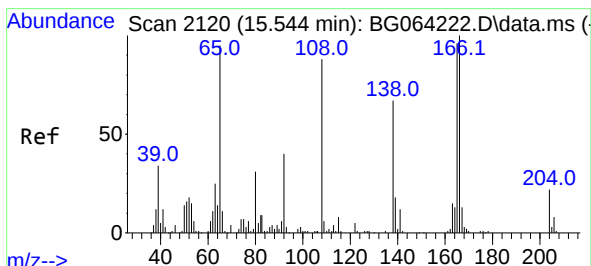
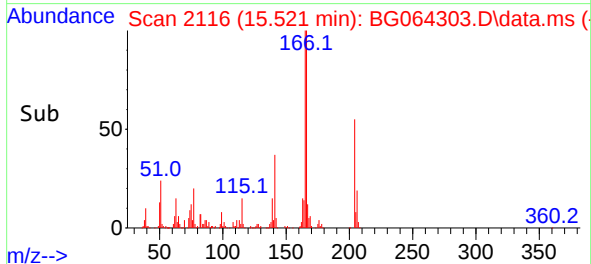
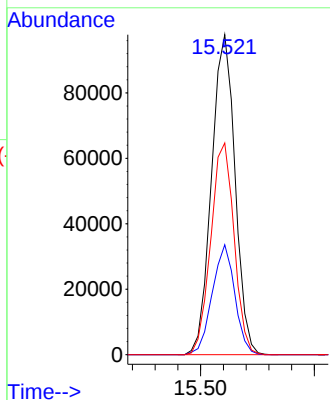
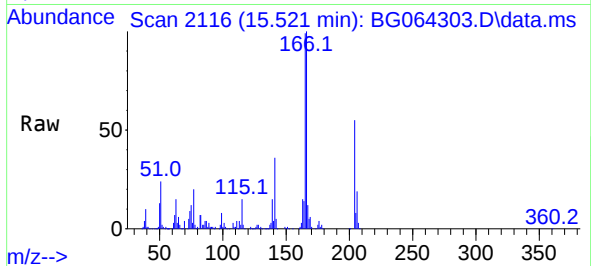




#61  
4-Chlorophenyl-phenylether  
Concen: 51.114 ng  
RT: 15.521 min Scan# 2117  
Delta R.T. -0.005 min  
Lab File: BG064303.D  
Acq: 8 Sep 2025 11:52

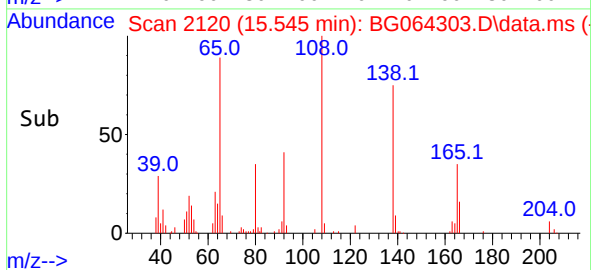
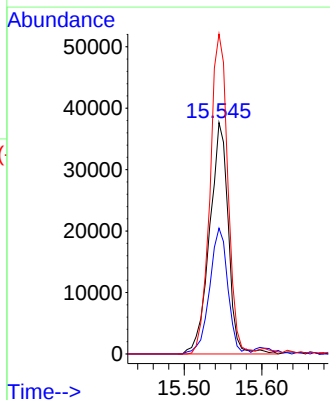
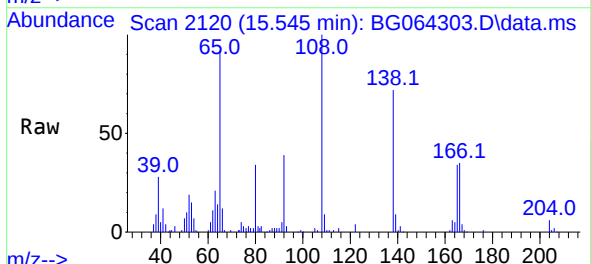
Instrument :  
BNA\_G  
ClientSampleId :  
PB169566BS

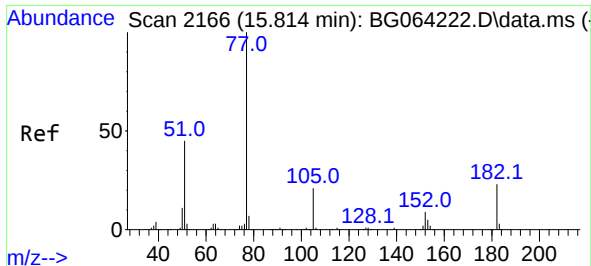
Tgt Ion:204 Resp: 140432  
Ion Ratio Lower Upper  
204 100  
206 34.3 26.2 39.4  
141 66.2 51.9 77.9



#62  
4-Nitroaniline  
Concen: 53.845 ng  
RT: 15.545 min Scan# 2120  
Delta R.T. -0.011 min  
Lab File: BG064303.D  
Acq: 8 Sep 2025 11:52

Tgt Ion:138 Resp: 63106  
Ion Ratio Lower Upper  
138 100  
92 54.4 39.1 79.1  
108 138.3 111.3 151.3

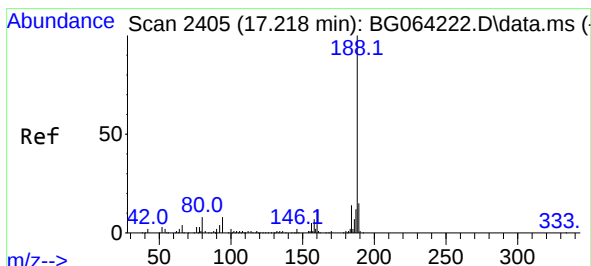
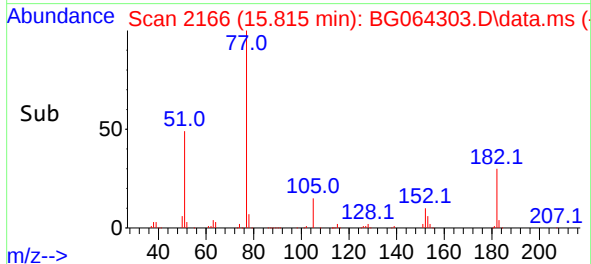
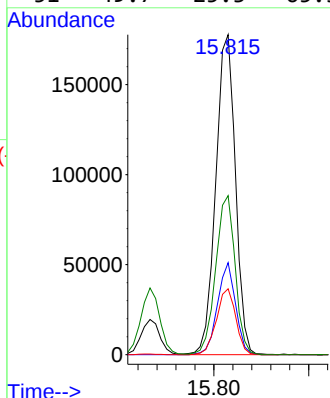
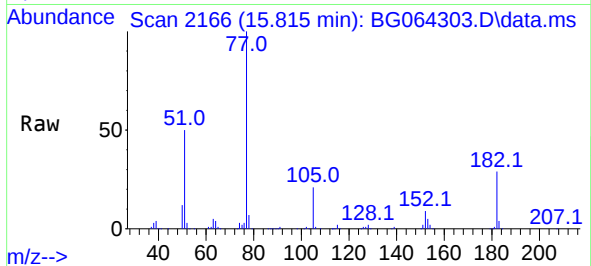




#63  
Azobenzene  
Concen: 47.380 ng  
RT: 15.815 min Scan# 2166  
Delta R.T. -0.005 min  
Lab File: BG064303.D  
Acq: 8 Sep 2025 11:52

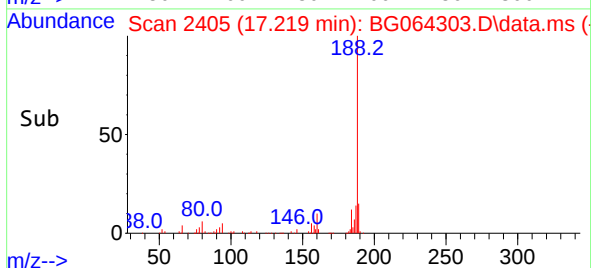
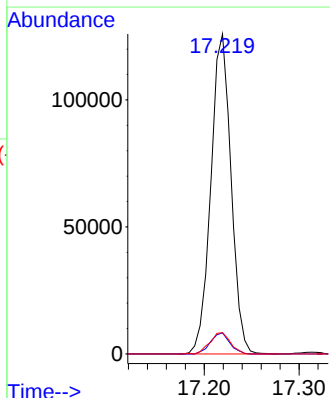
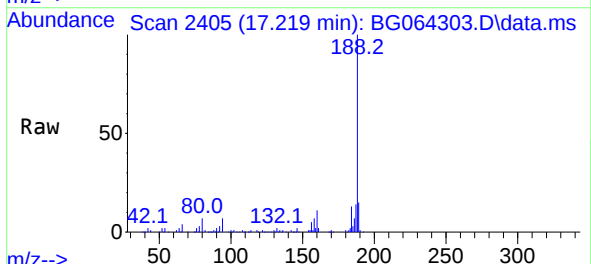
Instrument :  
BNA\_G  
ClientSampleId :  
PB169566BS

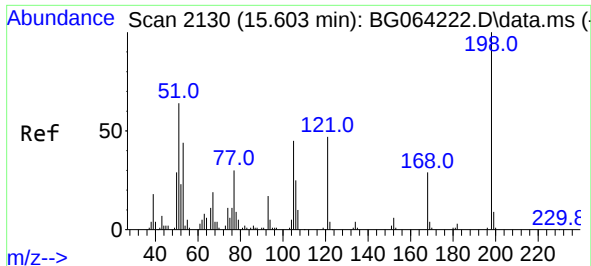
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 77    | Resp: | 255971 |
| Ion      | Ratio | Lower | Upper  |
| 77       | 100   |       |        |
| 182      | 28.8  | 3.3   | 43.3   |
| 105      | 20.6  | 0.6   | 40.6   |
| 51       | 49.7  | 25.3  | 65.3   |



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.219 min Scan# 2405  
Delta R.T. -0.006 min  
Lab File: BG064303.D  
Acq: 8 Sep 2025 11:52

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 188   | Resp: | 186208 |
| Ion      | Ratio | Lower | Upper  |
| 188      | 100   |       |        |
| 94       | 6.6   | 6.2   | 9.4    |
| 80       | 6.7   | 6.8   | 10.2   |

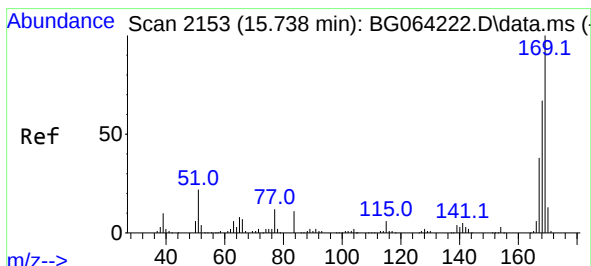
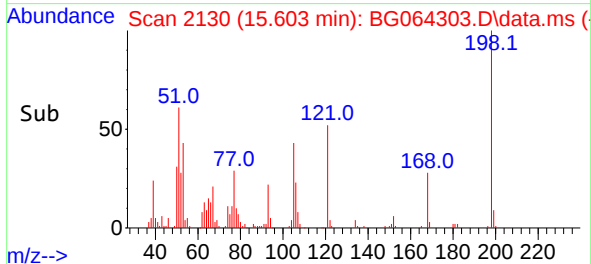
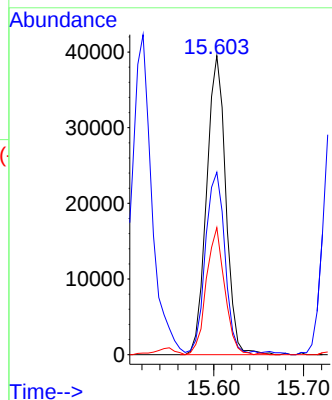
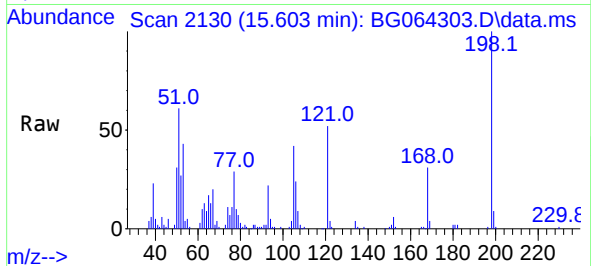




#65  
4,6-Dinitro-2-methylphenol  
Concen: 54.764 ng  
RT: 15.603 min Scan# 2130  
Delta R.T. -0.005 min  
Lab File: BG064303.D  
Acq: 8 Sep 2025 11:52

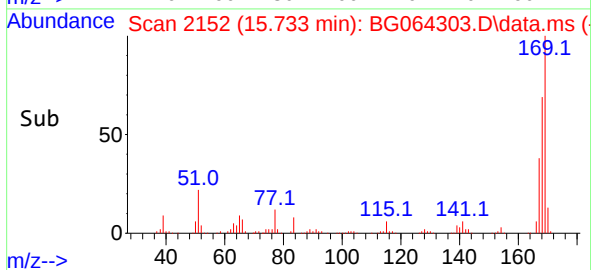
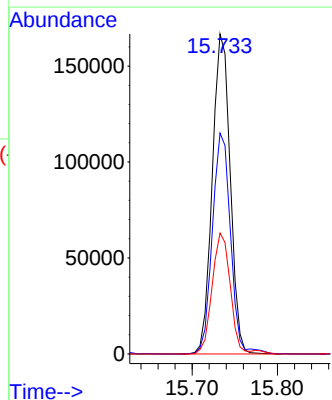
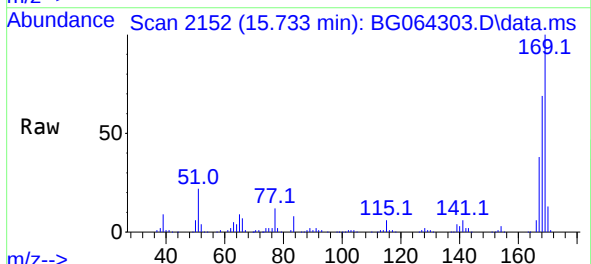
Instrument :  
BNA\_G  
ClientSampleId :  
PB169566BS

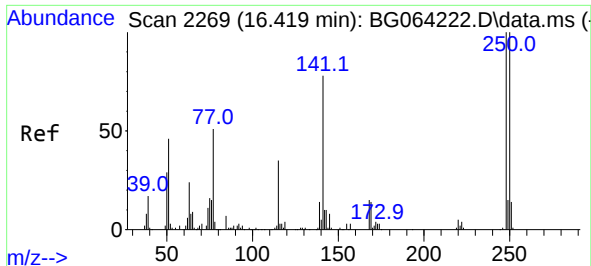
Tgt Ion:198 Resp: 58547  
Ion Ratio Lower Upper  
198 100  
51 61.0 46.2 86.2  
105 42.5 25.0 65.0



#66  
n-Nitrosodiphenylamine  
Concen: 47.397 ng  
RT: 15.733 min Scan# 2152  
Delta R.T. -0.011 min  
Lab File: BG064303.D  
Acq: 8 Sep 2025 11:52

Tgt Ion:169 Resp: 242787  
Ion Ratio Lower Upper  
169 100  
168 69.0 53.8 80.8  
167 37.8 30.2 45.2

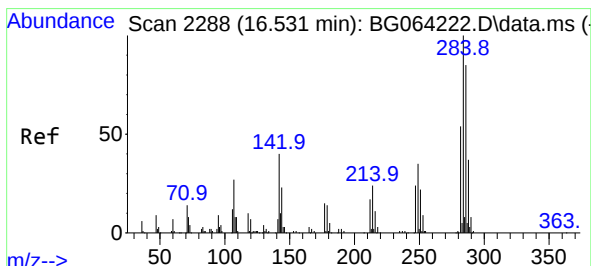
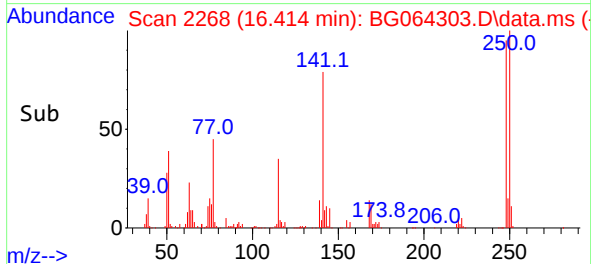
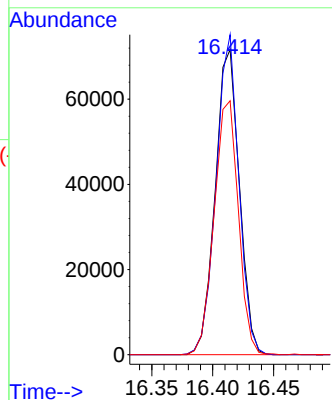
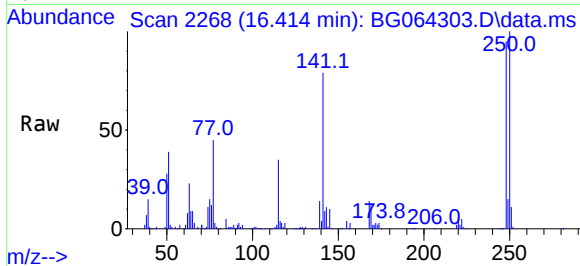




#67  
4-Bromophenyl-phenylether  
Concen: 49.920 ng  
RT: 16.414 min Scan# 21  
Delta R.T. -0.005 min  
Lab File: BG064303.D  
Acq: 8 Sep 2025 11:52

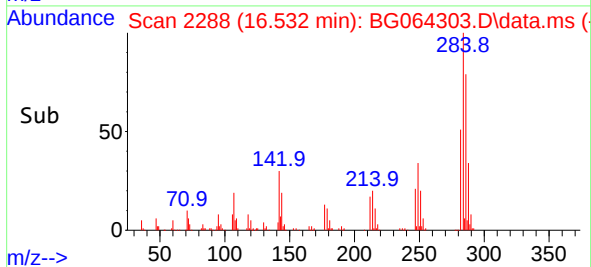
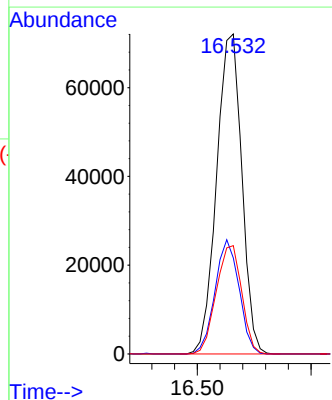
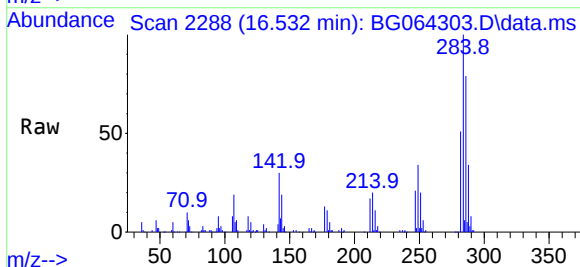
Instrument :  
BNA\_G  
ClientSampleId :  
PB169566BS

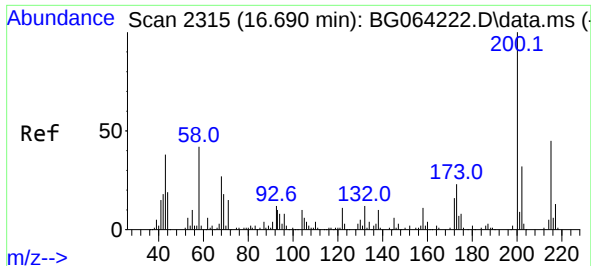
Tgt Ion:248 Resp: 98729  
Ion Ratio Lower Upper  
248 100  
250 104.8 80.2 120.4  
141 83.2 62.4 93.6



#68  
Hexachlorobenzene  
Concen: 50.542 ng  
RT: 16.532 min Scan# 2288  
Delta R.T. -0.005 min  
Lab File: BG064303.D  
Acq: 8 Sep 2025 11:52

Tgt Ion:284 Resp: 111004  
Ion Ratio Lower Upper  
284 100  
142 30.0 32.1 48.1#  
249 33.9 28.3 42.5

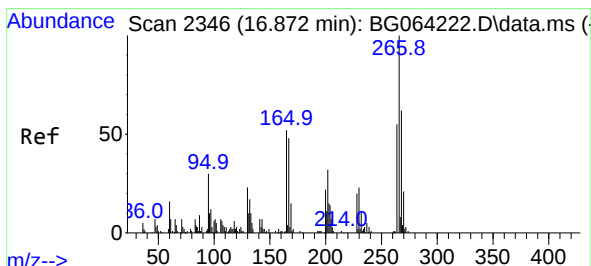
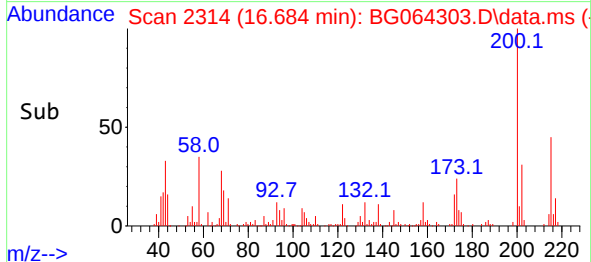
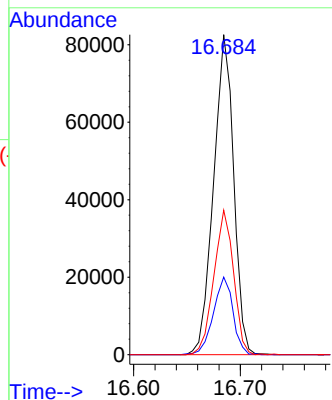
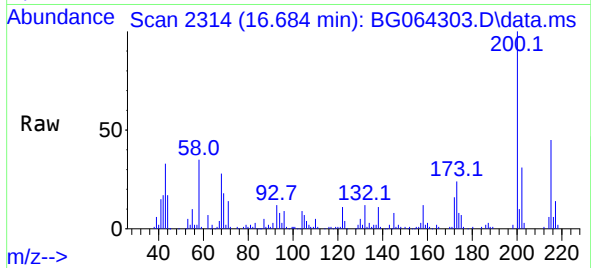




#69  
Atrazine  
Concen: 50.479 ng  
RT: 16.684 min Scan# 21  
Delta R.T. -0.011 min  
Lab File: BG064303.D  
Acq: 8 Sep 2025 11:52

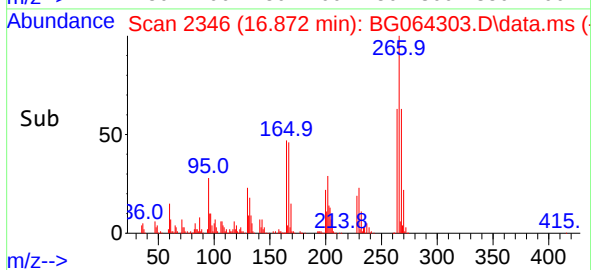
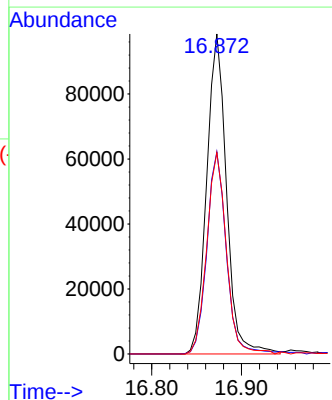
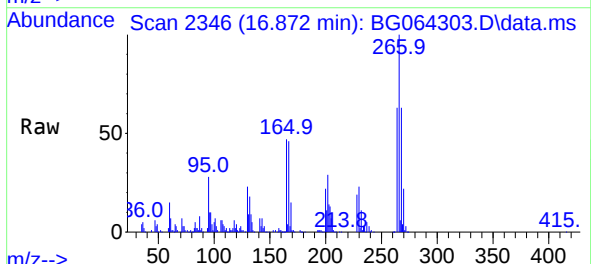
Instrument :  
BNA\_G  
ClientSampleId :  
PB169566BS

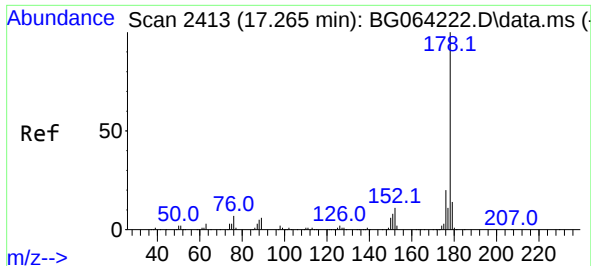
Tgt Ion:200 Resp: 107967  
Ion Ratio Lower Upper  
200 100  
173 24.2 3.5 43.5  
215 45.2 24.8 64.8



#70  
Pentachlorophenol  
Concen: 112.996 ng  
RT: 16.872 min Scan# 2346  
Delta R.T. -0.005 min  
Lab File: BG064303.D  
Acq: 8 Sep 2025 11:52

Tgt Ion:266 Resp: 150476  
Ion Ratio Lower Upper  
266 100  
268 63.2 49.4 74.0  
264 62.9 44.3 66.5

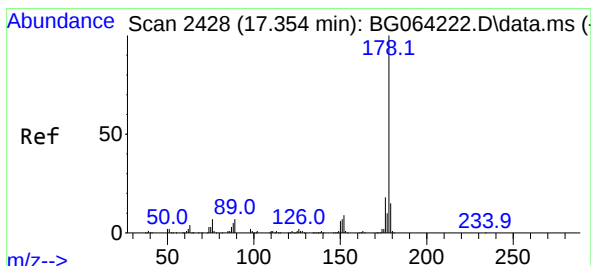
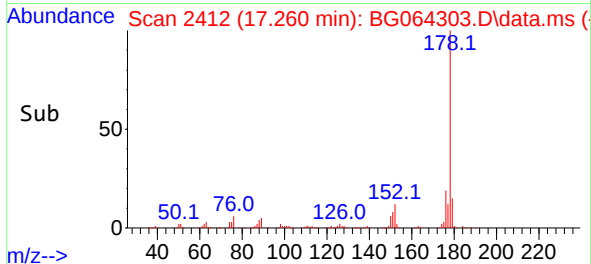
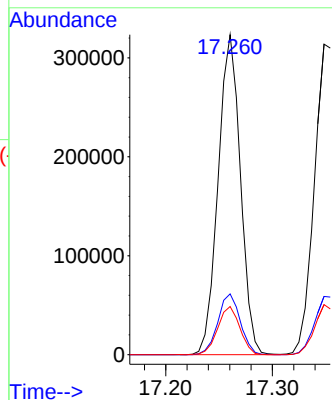
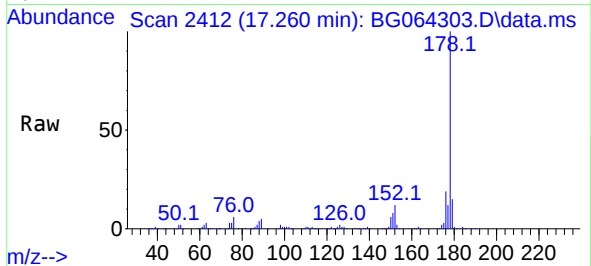




#71  
Phenanthrene  
Concen: 47.773 ng  
RT: 17.260 min Scan# 2413  
Delta R.T. -0.006 min  
Lab File: BG064303.D  
Acq: 8 Sep 2025 11:52

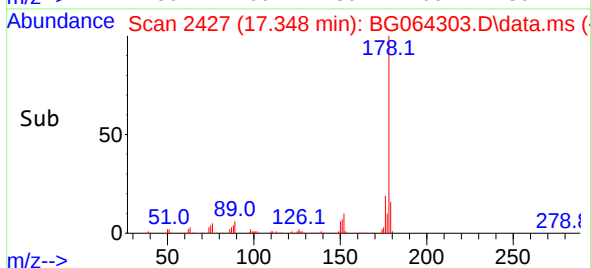
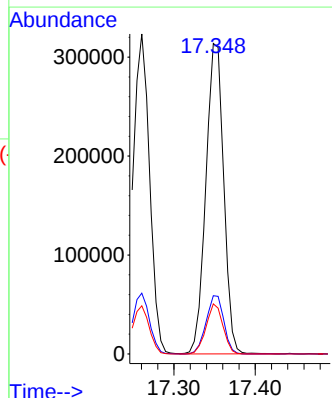
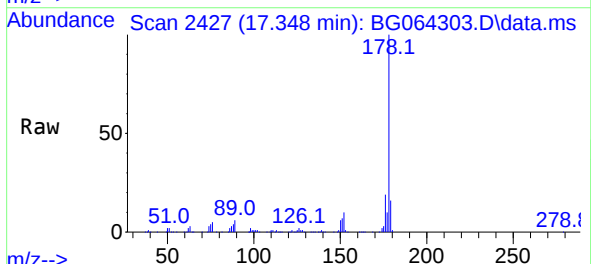
Instrument :  
BNA\_G  
ClientSampleId :  
PB169566BS

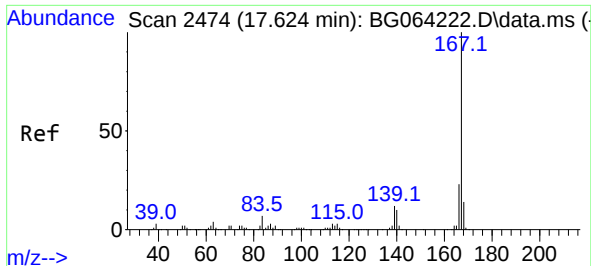
Tgt Ion:178 Resp: 469192  
Ion Ratio Lower Upper  
178 100  
176 19.0 15.9 23.9  
179 15.0 11.4 17.2



#72  
Anthracene  
Concen: 47.815 ng  
RT: 17.348 min Scan# 2427  
Delta R.T. -0.011 min  
Lab File: BG064303.D  
Acq: 8 Sep 2025 11:52

Tgt Ion:178 Resp: 477692  
Ion Ratio Lower Upper  
178 100  
176 18.7 14.7 22.1  
179 16.1 12.1 18.1

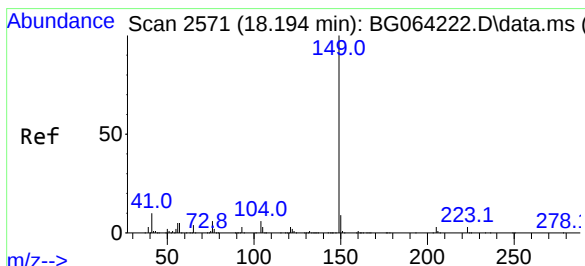
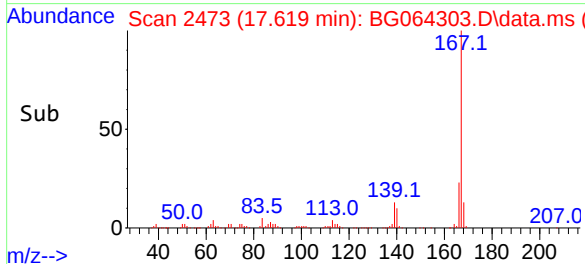
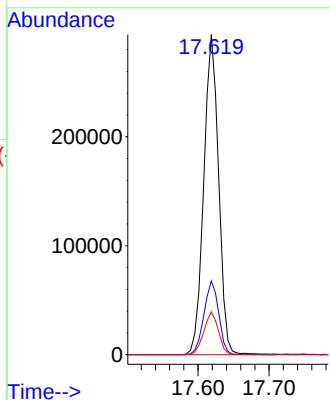
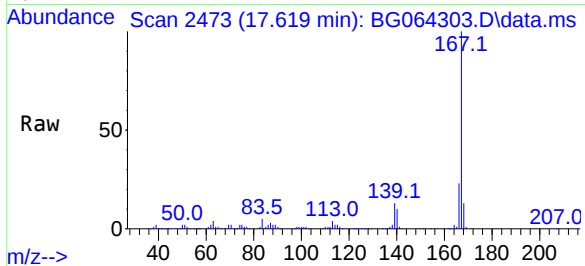




#73  
Carbazole  
Concen: 48.606 ng  
RT: 17.619 min Scan# 24  
Delta R.T. -0.006 min  
Lab File: BG064303.D  
Acq: 8 Sep 2025 11:52

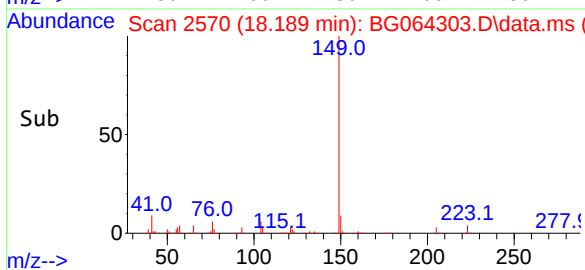
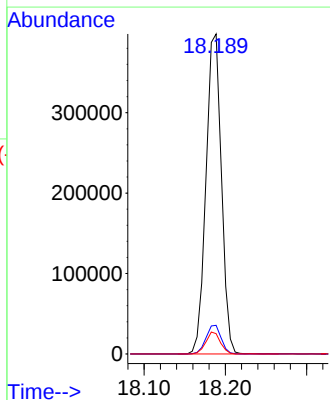
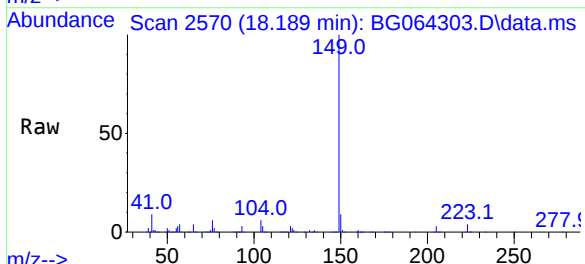
Instrument :  
BNA\_G  
ClientSampleId :  
PB169566BS

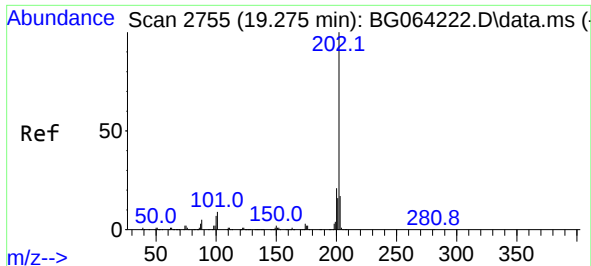
Tgt Ion:167 Resp: 427774  
Ion Ratio Lower Upper  
167 100  
166 23.1 18.2 27.2  
139 13.3 9.8 14.6



#74  
Di-n-butylphthalate  
Concen: 49.489 ng  
RT: 18.189 min Scan# 2570  
Delta R.T. -0.005 min  
Lab File: BG064303.D  
Acq: 8 Sep 2025 11:52

Tgt Ion:149 Resp: 523277  
Ion Ratio Lower Upper  
149 100  
150 8.9 7.5 11.3  
104 6.4 4.6 7.0

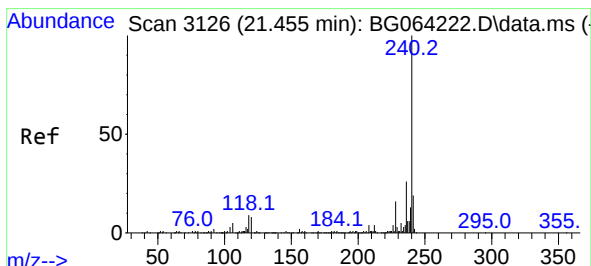
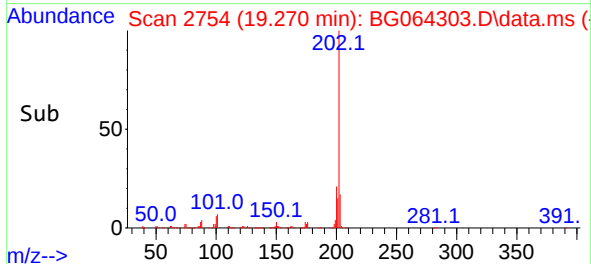
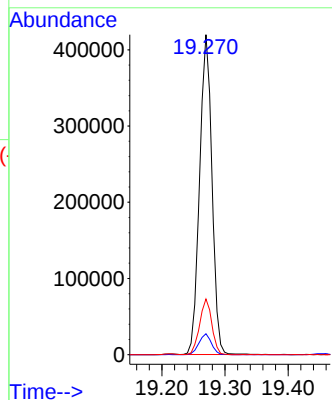
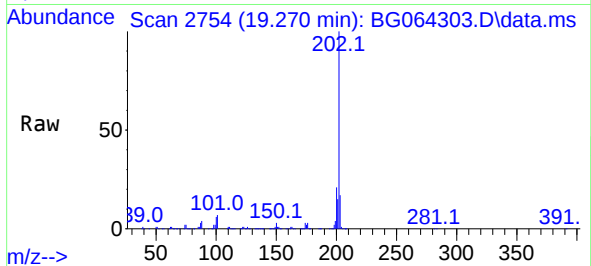




#75  
Fluoranthene  
Concen: 49.348 ng  
RT: 19.270 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BG064303.D  
Acq: 8 Sep 2025 11:52

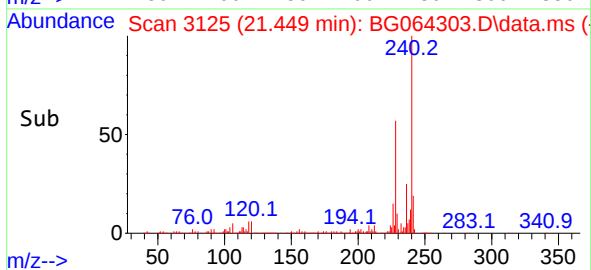
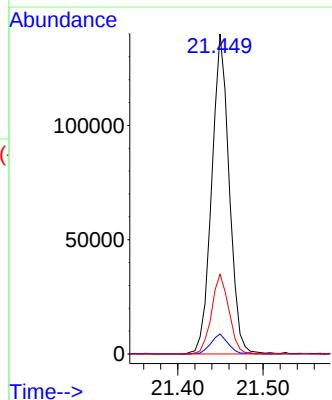
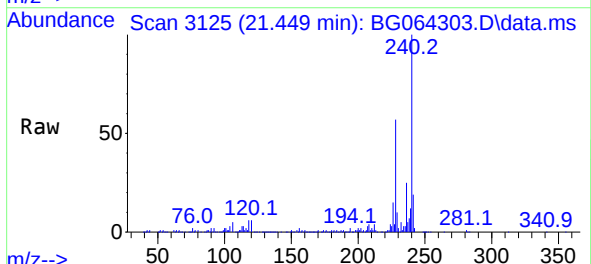
Instrument :  
BNA\_G  
ClientSampleId :  
PB169566BS

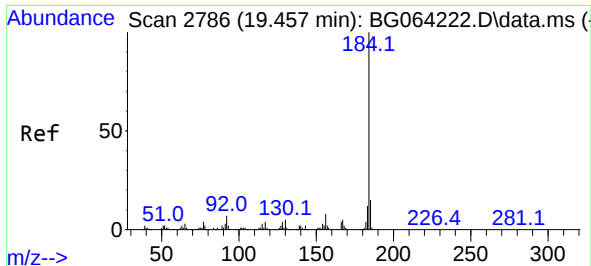
Tgt Ion:202 Resp: 569869  
Ion Ratio Lower Upper  
202 100  
101 6.6 0.0 28.7  
203 17.4 0.0 36.9



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.449 min Scan# 3125  
Delta R.T. -0.006 min  
Lab File: BG064303.D  
Acq: 8 Sep 2025 11:52

Tgt Ion:240 Resp: 199207  
Ion Ratio Lower Upper  
240 100  
120 6.2 6.2 9.4  
236 24.9 20.5 30.7

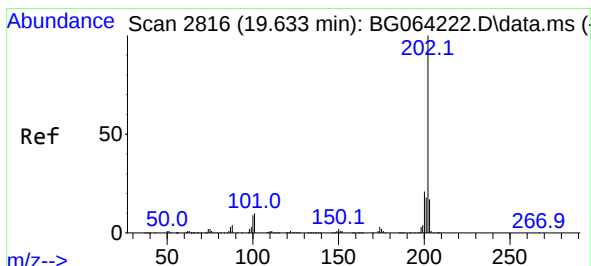
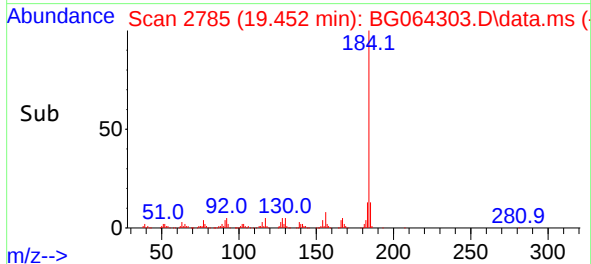
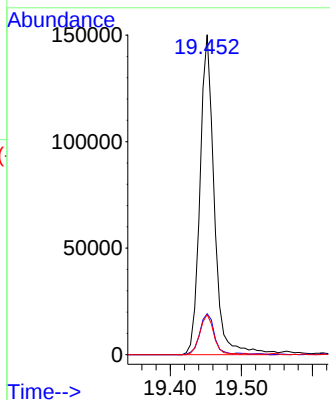
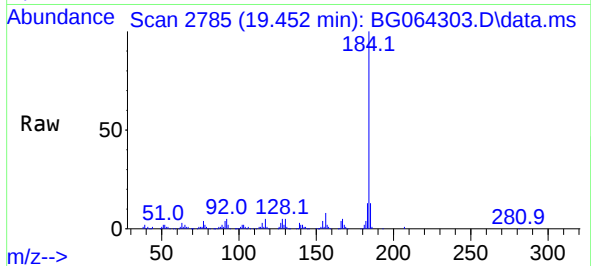




#77  
Benzidine  
Concen: 50.403 ng  
RT: 19.452 min Scan# 21  
Delta R.T. -0.005 min  
Lab File: BG064303.D  
Acq: 8 Sep 2025 11:52

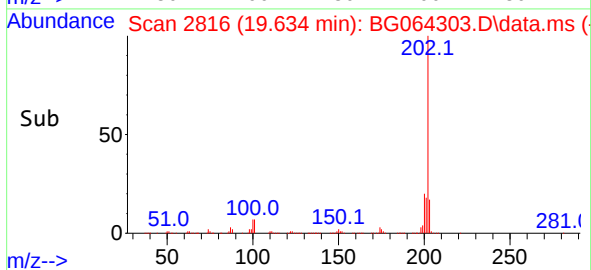
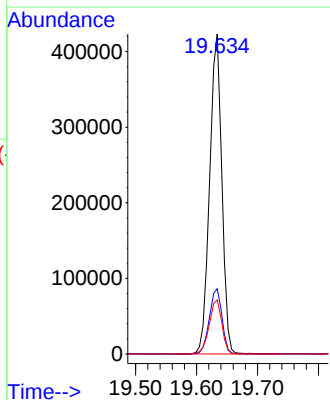
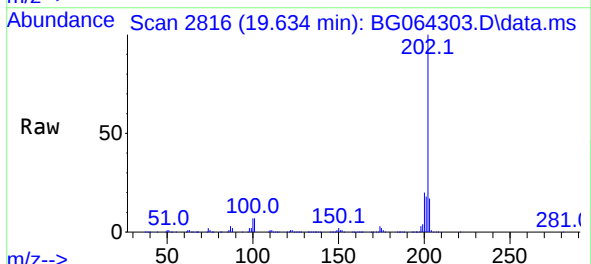
Instrument :  
BNA\_G  
ClientSampleId :  
PB169566BS

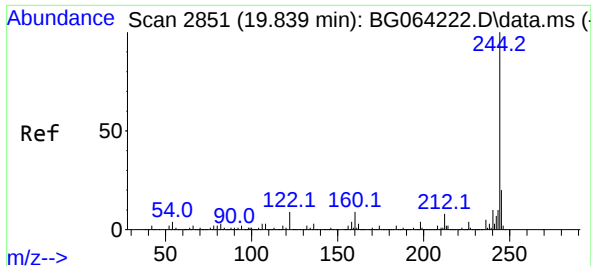
Tgt Ion:184 Resp: 211220  
Ion Ratio Lower Upper  
184 100  
185 12.8 11.7 17.5  
183 12.6 9.7 14.5



#78  
Pyrene  
Concen: 46.866 ng  
RT: 19.634 min Scan# 2816  
Delta R.T. -0.005 min  
Lab File: BG064303.D  
Acq: 8 Sep 2025 11:52

Tgt Ion:202 Resp: 588185  
Ion Ratio Lower Upper  
202 100  
200 20.4 16.9 25.3  
203 16.9 13.8 20.8

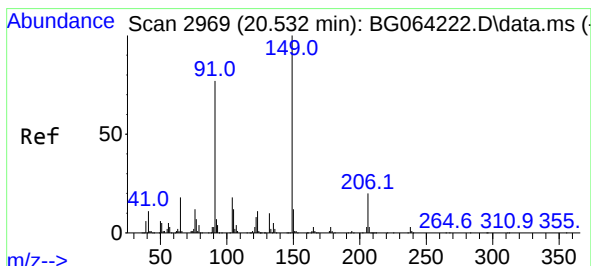
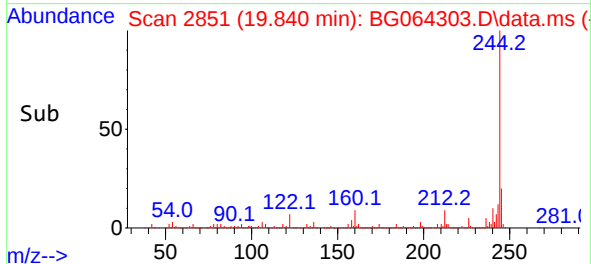
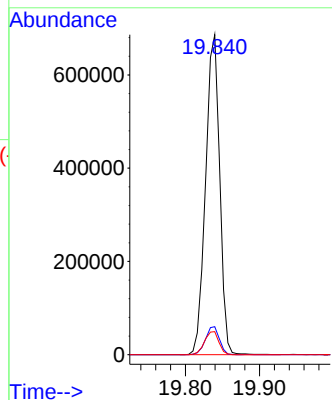
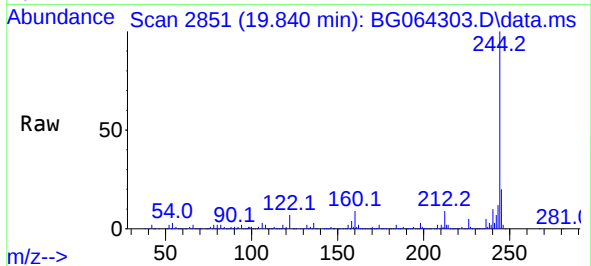




#79  
 Terphenyl-d14  
 Concen: 95.177 ng  
 RT: 19.840 min Scan# 21  
 Delta R.T. -0.006 min  
 Lab File: BG064303.D  
 Acq: 8 Sep 2025 11:52

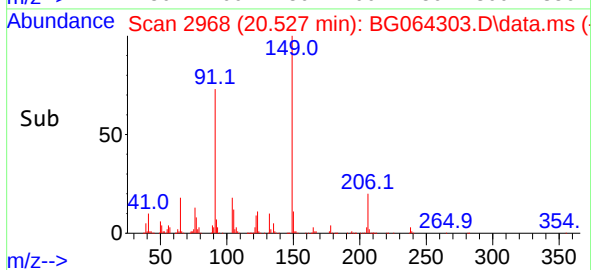
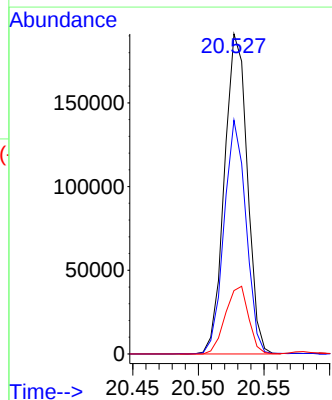
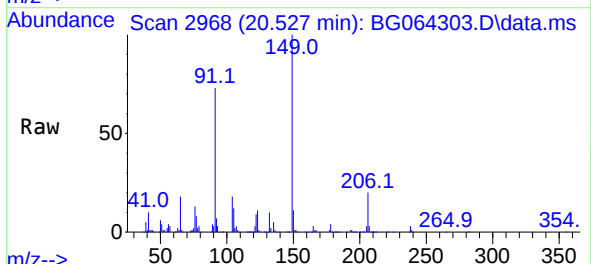
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB169566BS

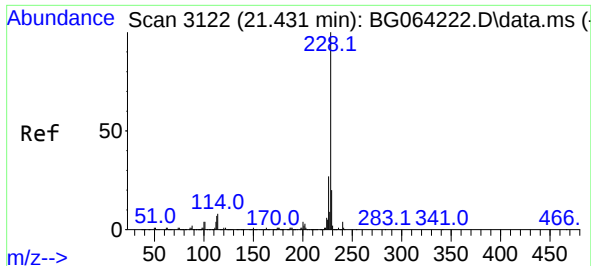
Tgt Ion:244 Resp: 908763  
 Ion Ratio Lower Upper  
 244 100  
 212 8.8 6.6 10.0  
 122 7.2 7.0 10.6



#80  
 Butylbenzylphthalate  
 Concen: 48.981 ng  
 RT: 20.527 min Scan# 2968  
 Delta R.T. -0.005 min  
 Lab File: BG064303.D  
 Acq: 8 Sep 2025 11:52

Tgt Ion:149 Resp: 231857  
 Ion Ratio Lower Upper  
 149 100  
 91 73.0 61.4 92.0  
 206 19.8 15.8 23.6

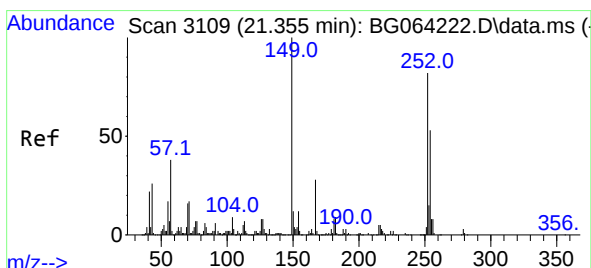
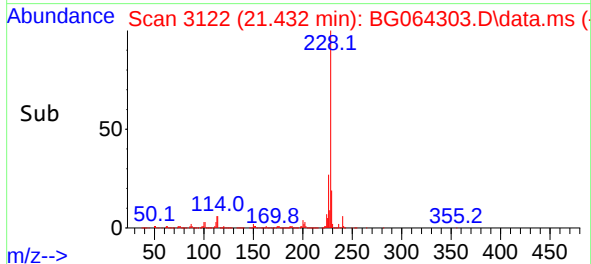
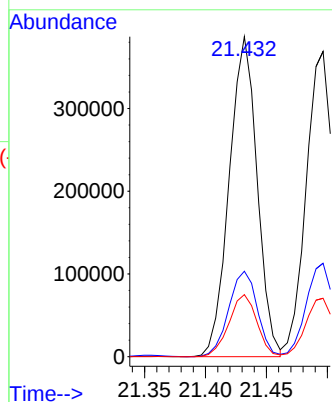
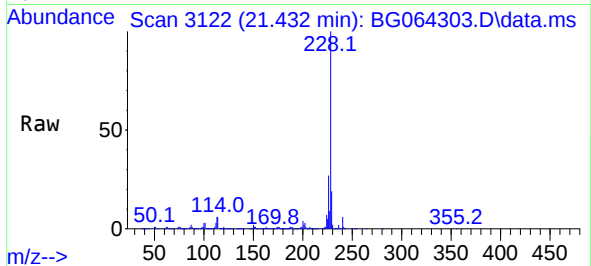




#81  
Benzo(a)anthracene  
Concen: 48.284 ng  
RT: 21.432 min Scan# 31  
Delta R.T. -0.006 min  
Lab File: BG064303.D  
Acq: 8 Sep 2025 11:52

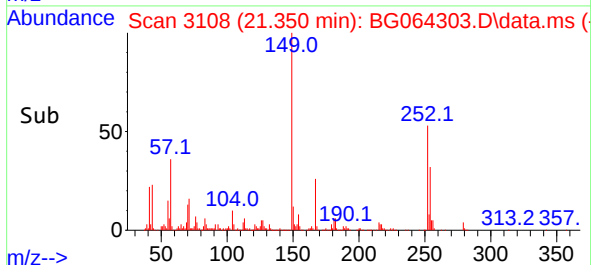
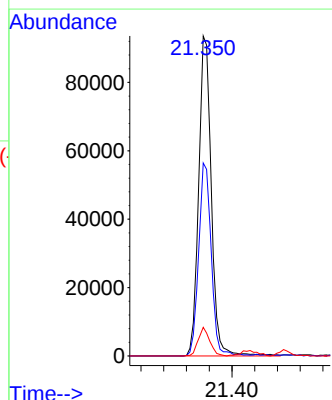
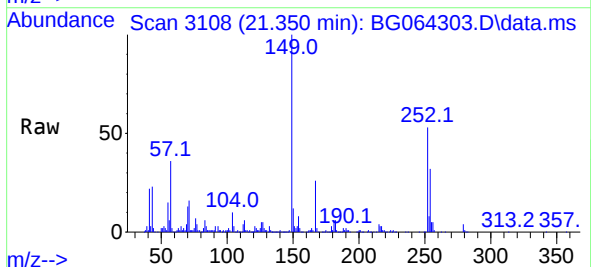
Instrument :  
BNA\_G  
ClientSampleId :  
PB169566BS

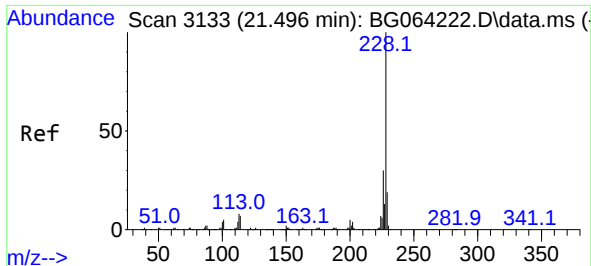
Tgt Ion:228 Resp: 615355  
Ion Ratio Lower Upper  
228 100  
226 26.7 21.7 32.5  
229 19.4 15.9 23.9



#82  
3,3'-Dichlorobenzidine  
Concen: 34.892 ng  
RT: 21.350 min Scan# 3108  
Delta R.T. -0.011 min  
Lab File: BG064303.D  
Acq: 8 Sep 2025 11:52

Tgt Ion:252 Resp: 144820  
Ion Ratio Lower Upper  
252 100  
254 60.3 51.9 77.9  
126 8.9 7.6 11.4



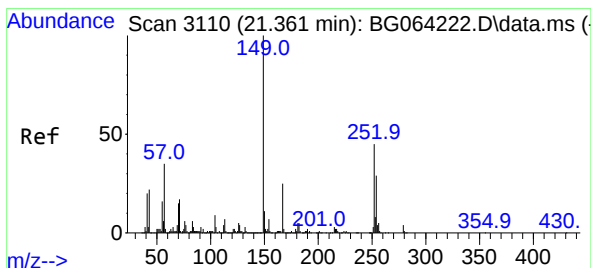
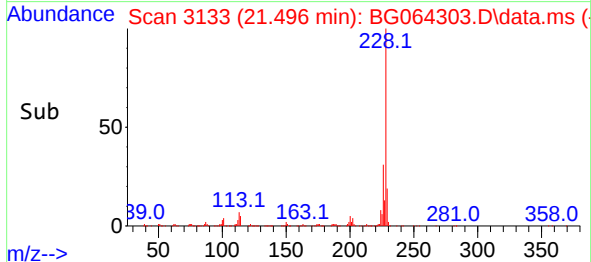
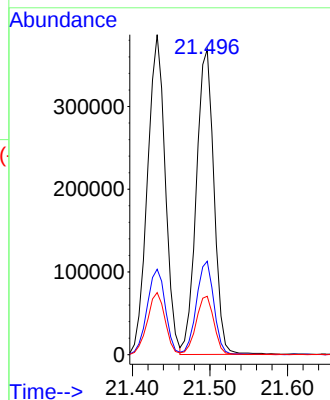
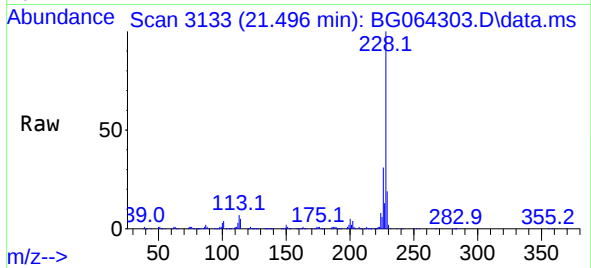


#83  
Chrysene  
Concen: 47.453 ng  
RT: 21.496 min Scan# 3110  
Delta R.T. -0.006 min  
Lab File: BG064303.D  
Acq: 8 Sep 2025 11:52

Instrument :  
BNA\_G  
ClientSampleId :  
PB169566BS

Tgt Ion:228 Resp: 580588

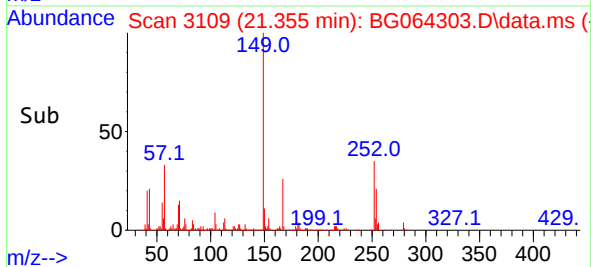
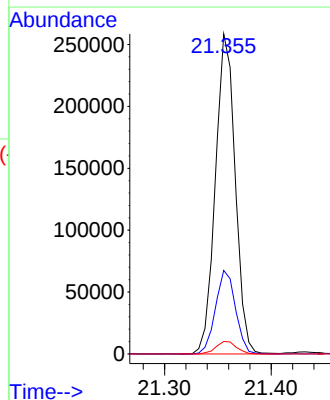
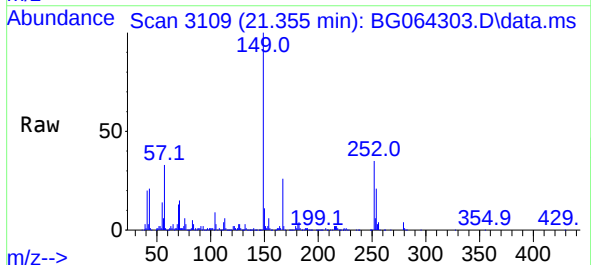
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 30.6  | 24.2  | 36.2  |
| 229 | 19.1  | 15.4  | 23.2  |

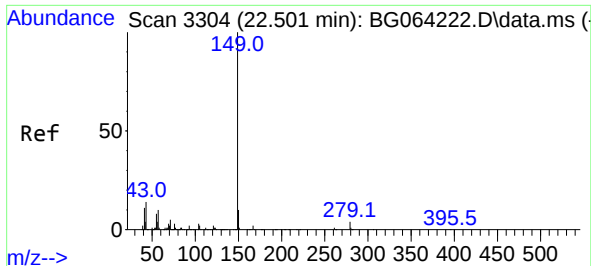


#84  
Bis(2-ethylhexyl)phthalate  
Concen: 46.912 ng  
RT: 21.355 min Scan# 3109  
Delta R.T. -0.011 min  
Lab File: BG064303.D  
Acq: 8 Sep 2025 11:52

Tgt Ion:149 Resp: 333394

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 167 | 26.1  | 20.0  | 30.0  |
| 279 | 3.9   | 3.0   | 4.4   |

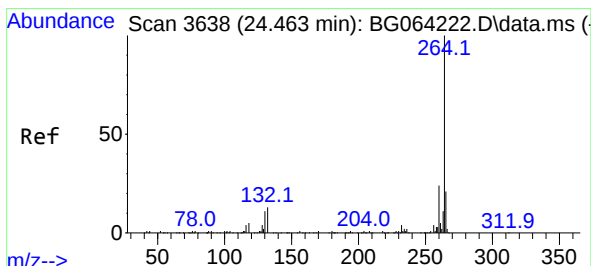
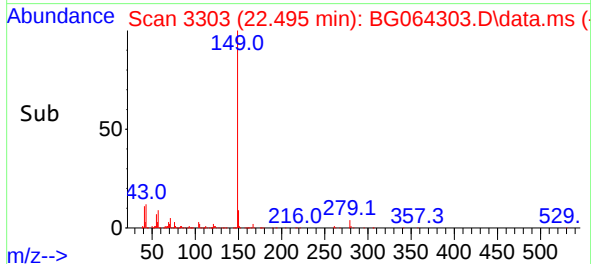
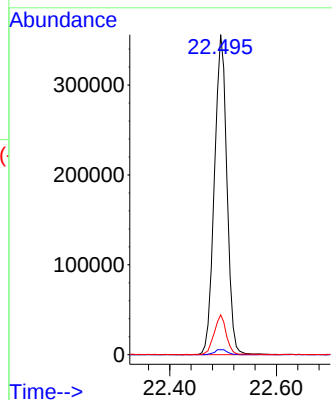
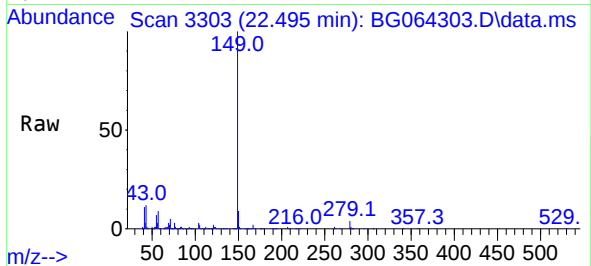




#85  
Di-n-octyl phthalate  
Concen: 46.833 ng  
RT: 22.495 min Scan# 311  
Delta R.T. -0.011 min  
Lab File: BG064303.D  
Acq: 8 Sep 2025 11:52

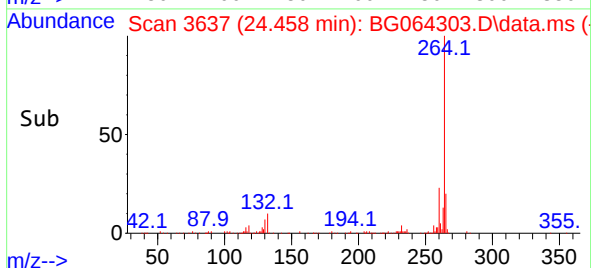
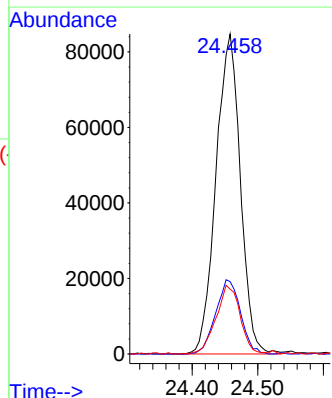
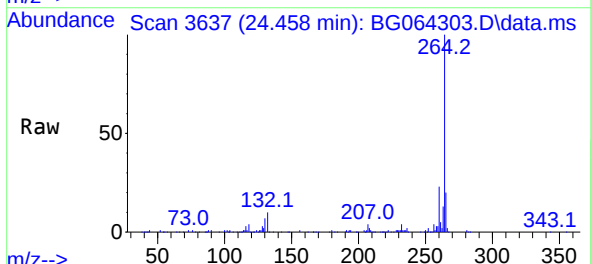
Instrument :  
BNA\_G  
ClientSampleId :  
PB169566BS

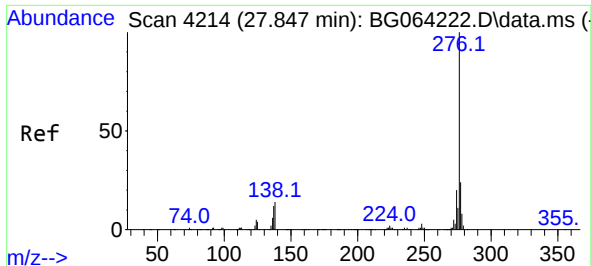
Tgt Ion:149 Resp: 579938  
Ion Ratio Lower Upper  
149 100  
167 1.6 1.3 1.9  
43 12.4 10.8 16.2



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 24.458 min Scan# 3637  
Delta R.T. -0.005 min  
Lab File: BG064303.D  
Acq: 8 Sep 2025 11:52

Tgt Ion:264 Resp: 218248  
Ion Ratio Lower Upper  
264 100  
260 22.6 18.9 28.3  
265 20.3 16.7 25.1

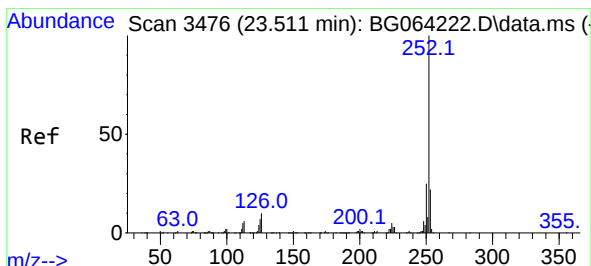
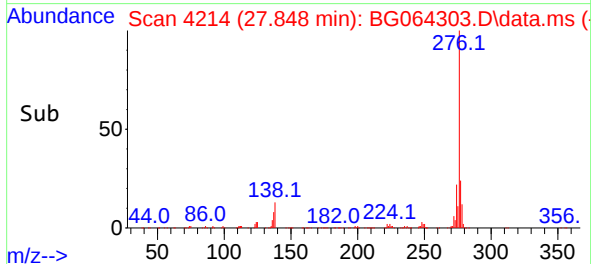
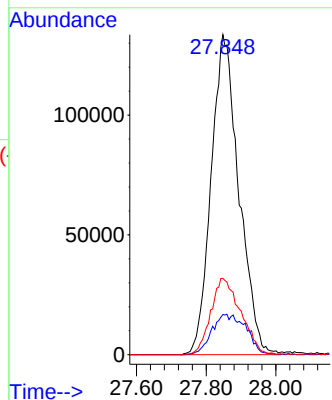
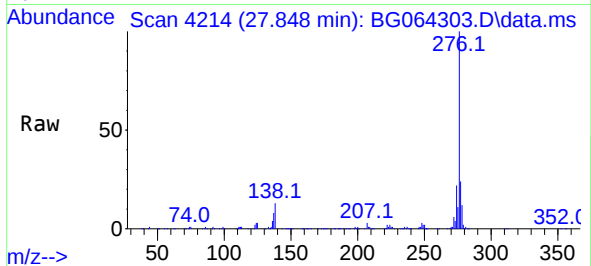




#87  
 Indeno(1,2,3-cd)pyrene  
 Concen: 49.584 ng  
 RT: 27.848 min Scan# 41  
 Delta R.T. -0.023 min  
 Lab File: BG064303.D  
 Acq: 8 Sep 2025 11:52

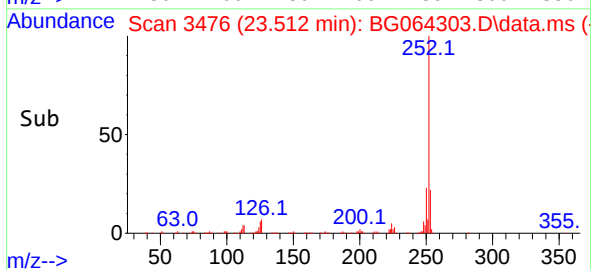
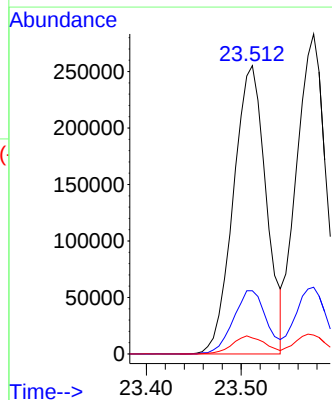
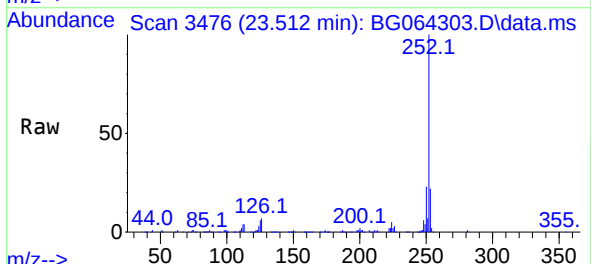
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB169566BS

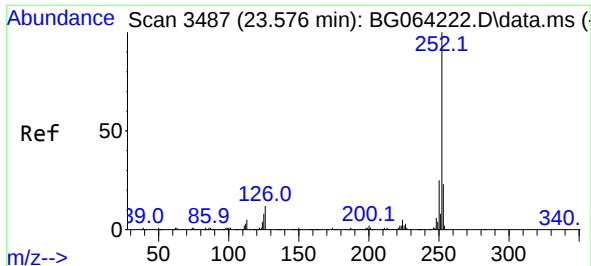
Tgt Ion:276 Resp: 739025  
 Ion Ratio Lower Upper  
 276 100  
 138 8.0 7.4 11.0  
 277 25.6 20.5 30.7



#88  
 Benzo(b)fluoranthene  
 Concen: 49.808 ng  
 RT: 23.512 min Scan# 3476  
 Delta R.T. -0.005 min  
 Lab File: BG064303.D  
 Acq: 8 Sep 2025 11:52

Tgt Ion:252 Resp: 613512  
 Ion Ratio Lower Upper  
 252 100  
 253 21.9 17.5 26.3  
 125 5.5 5.9 8.9#

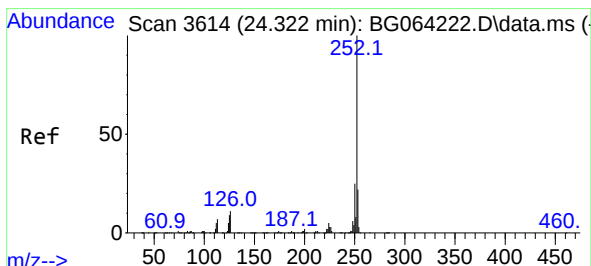
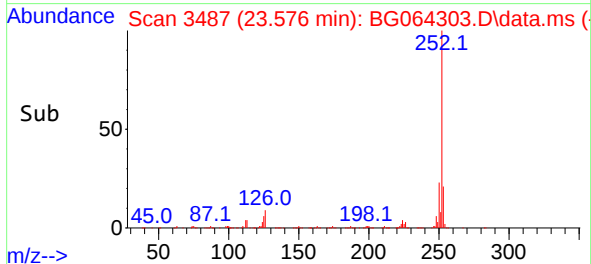
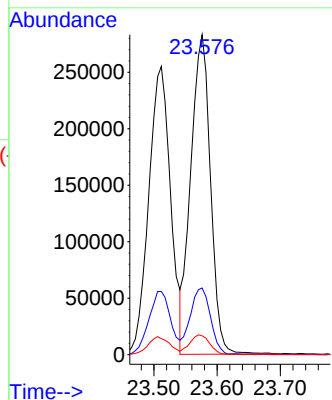
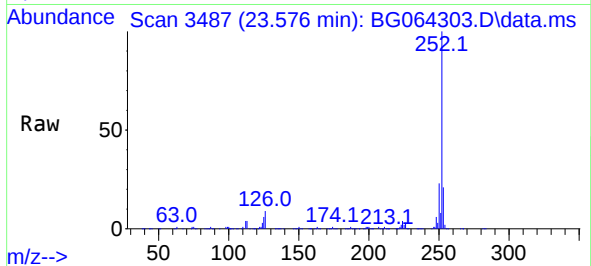




#89  
Benzo(k)fluoranthene  
Concen: 48.995 ng  
RT: 23.576 min Scan# 34  
Delta R.T. -0.011 min  
Lab File: BG064303.D  
Acq: 8 Sep 2025 11:52

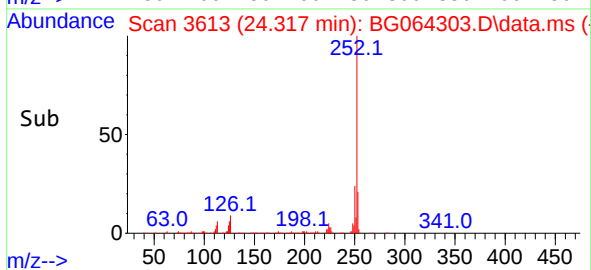
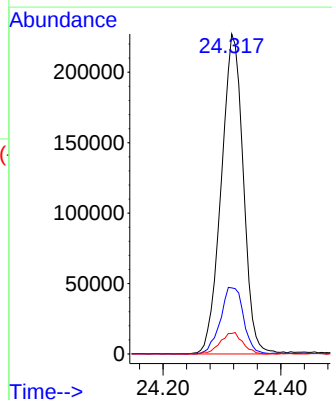
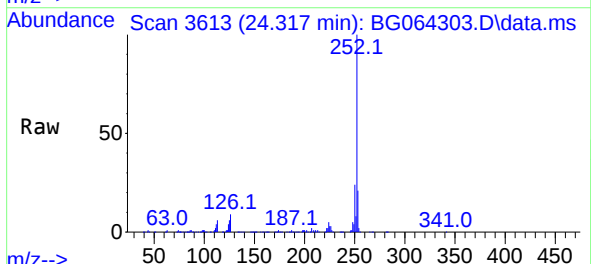
Instrument :  
BNA\_G  
ClientSampleId :  
PB169566BS

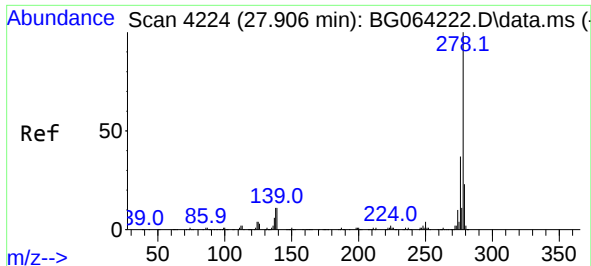
Tgt Ion:252 Resp: 614833  
Ion Ratio Lower Upper  
252 100  
253 20.8 18.2 27.4  
125 5.9 7.0 10.4#



#90  
Benzo(a)pyrene  
Concen: 51.528 ng  
RT: 24.317 min Scan# 3613  
Delta R.T. -0.011 min  
Lab File: BG064303.D  
Acq: 8 Sep 2025 11:52

Tgt Ion:252 Resp: 590413  
Ion Ratio Lower Upper  
252 100  
253 20.7 17.4 26.2  
125 6.4 7.0 10.6#

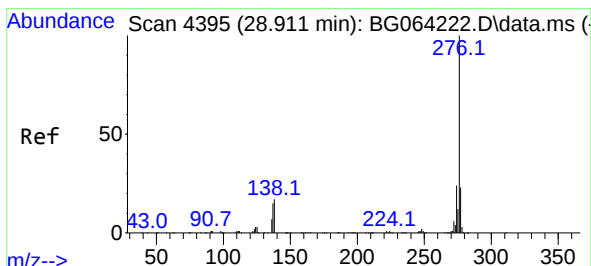
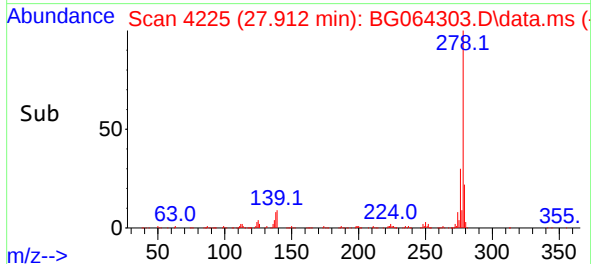
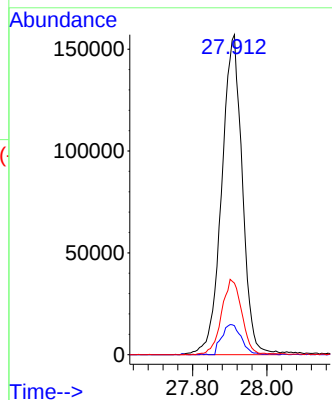
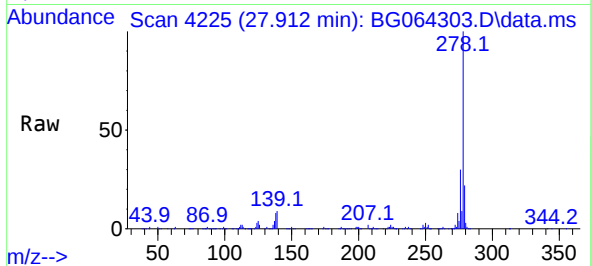




#91  
Dibenzo(a,h)anthracene  
Concen: 50.576 ng  
RT: 27.912 min Scan# 41  
Delta R.T. -0.011 min  
Lab File: BG064303.D  
Acq: 8 Sep 2025 11:52

Instrument :  
BNA\_G  
ClientSampleId :  
PB169566BS

Tgt Ion:278 Resp: 605245  
Ion Ratio Lower Upper  
278 100  
139 9.1 9.0 13.4  
279 22.4 18.8 28.2



#92  
Benzo(g,h,i)perylene  
Concen: 50.923 ng  
RT: 28.911 min Scan# 4395  
Delta R.T. -0.023 min  
Lab File: BG064303.D  
Acq: 8 Sep 2025 11:52

Tgt Ion:276 Resp: 592976  
Ion Ratio Lower Upper  
276 100  
277 22.8 18.2 27.4  
138 13.7 13.3 19.9

