

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG092925\  
 Data File : BG064458.D  
 Acq On : 29 Sep 2025 13:43  
 Operator : RC/JU  
 Sample : PB169873BS  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB169873BS

Quant Time: Sep 29 18:24:13 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG092525.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Sep 29 18:04:12 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.839  | 152  | 17867    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.624 | 136  | 71713    | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.460 | 164  | 56728    | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.204 | 188  | 158000   | 20.000  | ng    | # 0.00   |
| 76) Chrysene-d12              | 21.435 | 240  | 171068   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 24.425 | 264  | 184277   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.430  | 112  | 129409   | 138.409 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.016  | 99   | 176484   | 137.780 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 8.990  | 82   | 121053   | 91.482  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 15.953 | 330  | 153644   | 155.144 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.085 | 172  | 357214   | 92.984  | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.825 | 244  | 778450   | 89.704  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.332  | 88   | 13920    | 35.479  | ng    | 91       |
| 3) Pyridine                   | 3.720  | 79   | 35584    | 33.641  | ng    | 89       |
| 4) n-Nitrosodimethylamine     | 3.638  | 42   | 33488    | 41.446  | ng    | 100      |
| 6) Aniline                    | 7.163  | 93   | 58851    | 35.480  | ng    | 98       |
| 8) 2-Chlorophenol             | 7.404  | 128  | 53315    | 45.579  | ng    | 97       |
| 9) Benzaldehyde               | 6.975  | 77   | 27599    | 25.314  | ng    | 85       |
| 10) Phenol                    | 7.040  | 94   | 64888    | 46.786  | ng    | 97       |
| 11) bis(2-Chloroethyl)ether   | 7.263  | 93   | 39215    | 42.111  | ng    | 91       |
| 12) 1,3-Dichlorobenzene       | 7.727  | 146  | 57993    | 44.230  | ng    | 92       |
| 13) 1,4-Dichlorobenzene       | 7.874  | 146  | 57378    | 42.839  | ng    | 88       |
| 14) 1,2-Dichlorobenzene       | 8.191  | 146  | 56703    | 44.674  | ng    | 95       |
| 15) Benzyl Alcohol            | 8.074  | 79   | 53502    | 44.329  | ng    | 97       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.362  | 45   | 66023    | 40.660  | ng    | 98       |
| 17) 2-Methylphenol            | 8.279  | 107  | 45376    | 45.289  | ng    | 97       |
| 18) Hexachloroethane          | 8.914  | 117  | 20444    | 40.457  | ng    | 94       |
| 19) n-Nitroso-di-n-propyla... | 8.638  | 70   | 37551    | 43.372  | ng    | # 90     |
| 20) 3+4-Methylphenols         | 8.608  | 107  | 62835    | 44.614  | ng    | 97       |
| 22) Acetophenone              | 8.655  | 105  | 89404    | 52.074  | ng    | # 95     |
| 24) Nitrobenzene              | 9.031  | 77   | 61013    | 47.236  | ng    | 97       |
| 25) Isophorone                | 9.554  | 82   | 106995   | 43.700  | ng    | 98       |
| 26) 2-Nitrophenol             | 9.742  | 139  | 29288    | 46.065  | ng    | 96       |
| 27) 2,4-Dimethylphenol        | 9.807  | 122  | 53368    | 52.042  | ng    | 99       |
| 28) bis(2-Chloroethoxy)met... | 10.036 | 93   | 57348    | 45.339  | ng    | 95       |
| 29) 2,4-Dichlorophenol        | 10.277 | 162  | 56884    | 48.197  | ng    | 94       |
| 30) 1,2,4-Trichlorobenzene    | 10.489 | 180  | 61330    | 48.582  | ng    | 98       |
| 31) Naphthalene               | 10.677 | 128  | 169632   | 45.309  | ng    | 95       |
| 32) Benzoic acid              | 9.966  | 122  | 43861m   | 55.209  | ng    |          |
| 33) 4-Chloroaniline           | 10.782 | 127  | 40751    | 29.755  | ng    | 96       |
| 34) Hexachlorobutadiene       | 10.964 | 225  | 47658    | 44.320  | ng    | 92       |
| 35) Caprolactam               | 11.558 | 113  | 20038m   | 51.456  | ng    |          |
| 36) 4-Chloro-3-methylphenol   | 11.910 | 107  | 70444    | 50.356  | ng    | 93       |
| 37) 2-Methylnaphthalene       | 12.286 | 142  | 117439   | 41.542  | ng    | 99       |
| 38) 1-Methylnaphthalene       | 12.504 | 142  | 133810   | 48.173  | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 12.657 | 216  | 96508    | 53.381  | ng    | 98       |
| 41) Hexachlorocyclopentadiene | 12.639 | 237  | 130241   | 135.645 | ng    | 98       |
| 43) 2,4,6-Trichlorophenol     | 12.897 | 196  | 59772    | 50.685  | ng    | 99       |

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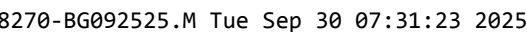
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB169873BS

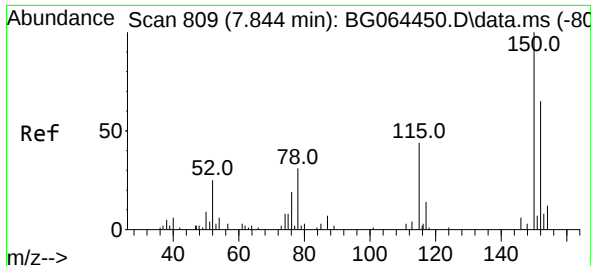
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Sep 29 18:04:12 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 12.968 | 196  | 65247    | 50.722  | ng    | 98       |
| 46) 1,1'-Biphenyl             | 13.297 | 154  | 218566   | 54.162  | ng    | 97       |
| 47) 2-Chloronaphthalene       | 13.338 | 162  | 148659   | 48.470  | ng    | 98       |
| 48) 2-Nitroaniline            | 13.544 | 65   | 55674    | 52.816  | ng    | 95       |
| 49) Acenaphthylene            | 14.184 | 152  | 236293   | 51.895  | ng    | 99       |
| 50) Dimethylphthalate         | 13.926 | 163  | 197401   | 45.550  | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 14.037 | 165  | 43363    | 47.638  | ng    | # 82     |
| 52) Acenaphthene              | 14.525 | 154  | 137804   | 44.224  | ng    | 95       |
| 53) 3-Nitroaniline            | 14.372 | 138  | 28217    | 32.714  | ng    | 93       |
| 54) 2,4-Dinitrophenol         | 14.578 | 184  | 58420    | 96.637  | ng    | 98       |
| 55) Dibenzofuran              | 14.866 | 168  | 249526   | 48.297  | ng    | 96       |
| 56) 4-Nitrophenol             | 14.689 | 139  | 74802    | 107.139 | ng    | 95       |
| 57) 2,4-Dinitrotoluene        | 14.830 | 165  | 71163    | 51.210  | ng    | # 98     |
| 58) Fluorene                  | 15.512 | 166  | 214681   | 50.336  | ng    | 96       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.089 | 232  | 69104    | 53.856  | ng    | 97       |
| 60) Diethylphthalate          | 15.289 | 149  | 235131   | 50.354  | ng    | 97       |
| 61) 4-Chlorophenyl-phenyle... | 15.506 | 204  | 111727   | 47.973  | ng    | 99       |
| 62) 4-Nitroaniline            | 15.536 | 138  | 49889    | 53.941  | ng    | 92       |
| 63) Azobenzene                | 15.800 | 77   | 187246   | 51.245  | ng    | 98       |
| 65) 4,6-Dinitro-2-methylph... | 15.594 | 198  | 50834    | 46.968  | ng    | 97       |
| 66) n-Nitrosodiphenylamine    | 15.724 | 169  | 192189   | 45.584  | ng    | 96       |
| 67) 4-Bromophenyl-phenylether | 16.399 | 248  | 80799    | 43.644  | ng    | 95       |
| 68) Hexachlorobenzene         | 16.517 | 284  | 93751    | 44.498  | ng    | 99       |
| 69) Atrazine                  | 16.675 | 200  | 92960    | 48.530  | ng    | 98       |
| 70) Pentachlorophenol         | 16.863 | 266  | 123386   | 97.041  | ng    | 94       |
| 71) Phenanthrene              | 17.245 | 178  | 374963   | 45.658  | ng    | 98       |
| 72) Anthracene                | 17.339 | 178  | 386348   | 46.198  | ng    | 99       |
| 73) Carbazole                 | 17.610 | 167  | 349967   | 47.701  | ng    | 97       |
| 74) Di-n-butylphthalate       | 18.174 | 149  | 410208   | 45.709  | ng    | 99       |
| 75) Fluoranthene              | 19.261 | 202  | 469350   | 45.258  | ng    | 100      |
| 77) Benzidine                 | 19.437 | 184  | 166365   | 37.144  | ng    | 99       |
| 78) Pyrene                    | 19.619 | 202  | 484527   | 45.647  | ng    | 98       |
| 80) Butylbenzylphthalate      | 20.512 | 149  | 181061   | 45.637  | ng    | 98       |
| 81) Benzo(a)anthracene        | 21.417 | 228  | 509358   | 46.503  | ng    | 98       |
| 82) 3,3'-Dichlorobenzidine    | 21.335 | 252  | 115990   | 30.792  | ng    | 97       |
| 83) Chrysene                  | 21.476 | 228  | 474117   | 45.706  | ng    | 98       |
| 84) Bis(2-ethylhexyl)phtha... | 21.340 | 149  | 265057   | 46.378  | ng    | # 97     |
| 85) Di-n-octyl phthalate      | 22.469 | 149  | 448019   | 46.116  | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 27.804 | 276  | 572768   | 43.978  | ng    | # 96     |
| 88) Benzo(b)fluoranthene      | 23.485 | 252  | 501295   | 47.454  | ng    | 98       |
| 89) Benzo(k)fluoranthene      | 23.550 | 252  | 518174   | 49.028  | ng    | 98       |
| 90) Benzo(a)pyrene            | 24.290 | 252  | 483241   | 49.382  | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 27.862 | 278  | 471067   | 44.615  | ng    | 96       |
| 92) Benzo(g,h,i)perylene      | 28.855 | 276  | 453527   | 44.726  | ng    | 96       |

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

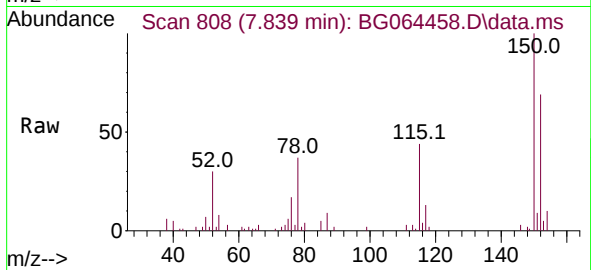
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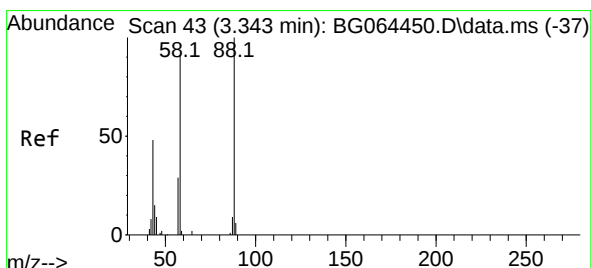
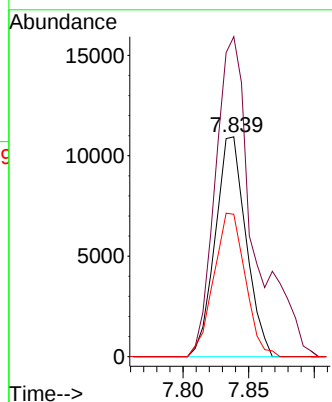
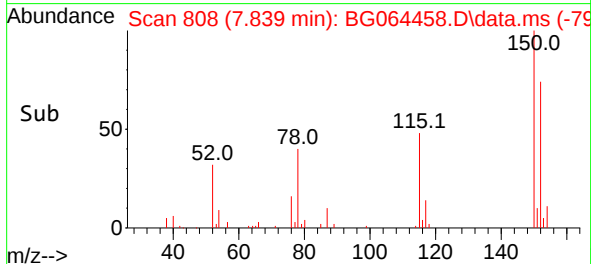


#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 7.839 min Scan# 80  
 Delta R.T. -0.005 min  
 Lab File: BG064458.D  
 Acq: 29 Sep 2025 13:43

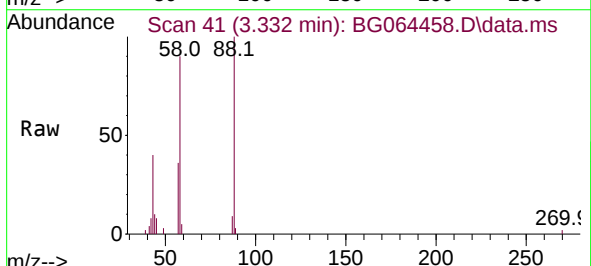
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 BNA\_G  
 ClientSampleId :  
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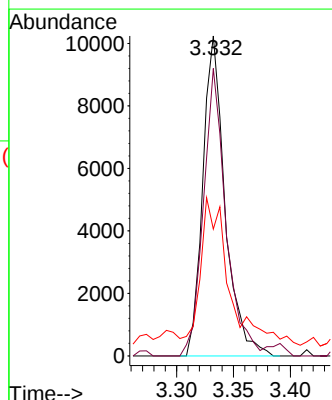
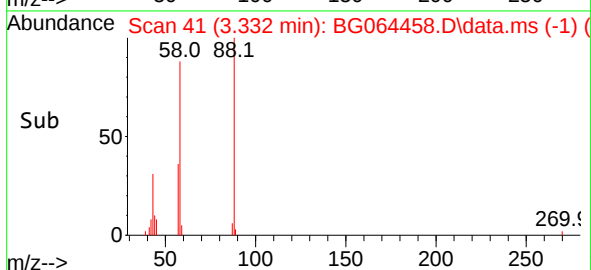
Tgt Ion:152 Resp: 17867  
 Ion Ratio Lower Upper  
 152 100  
 150 145.6 122.9 184.3  
 115 64.8 54.3 81.5

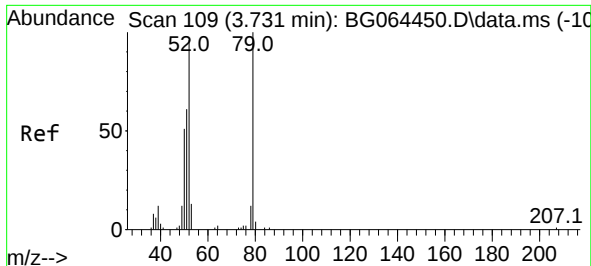


#2  
 1,4-Dioxane  
 Concen: 35.479 ng  
 RT: 3.332 min Scan# 41  
 Delta R.T. -0.011 min  
 Lab File: BG064458.D  
 Acq: 29 Sep 2025 13:43



Tgt Ion: 88 Resp: 13920  
 Ion Ratio Lower Upper  
 88 100  
 58 90.7 67.9 101.9  
 43 58.6 39.4 59.2

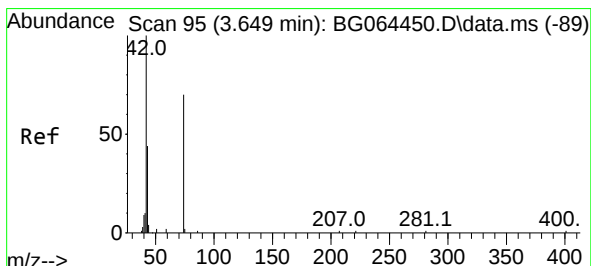
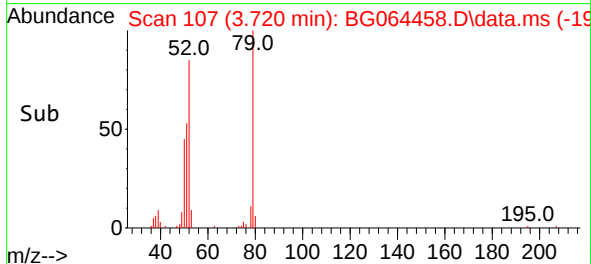
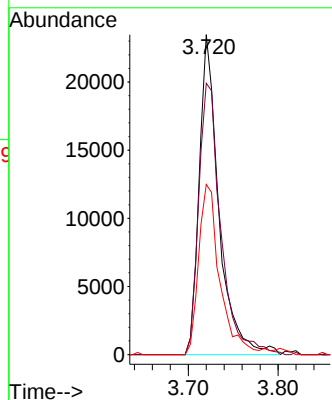
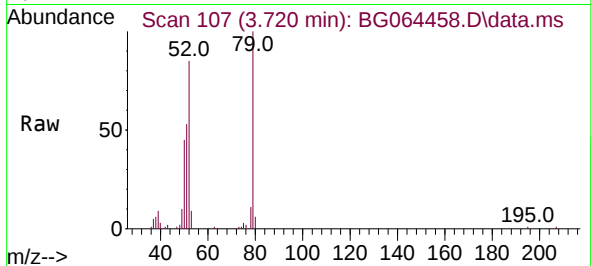




#3  
Pyridine  
Concen: 33.641 ng  
RT: 3.720 min Scan# 10  
Delta R.T. -0.011 min  
Lab File: BG064458.D  
Acq: 29 Sep 2025 13:43

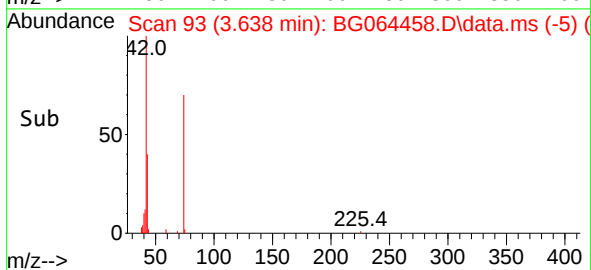
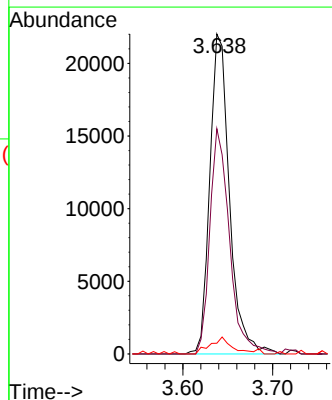
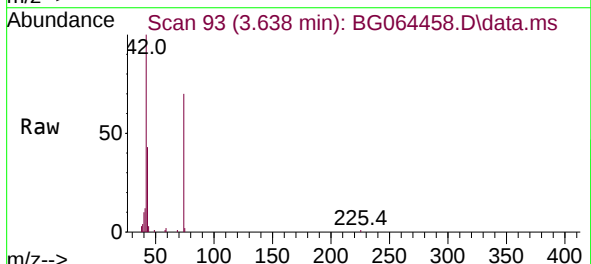
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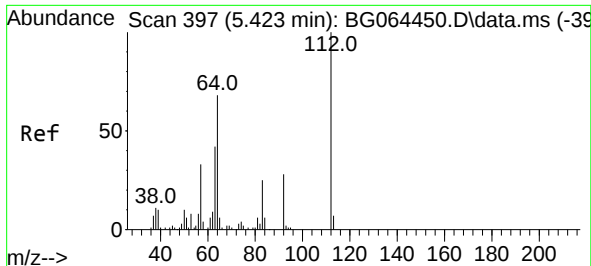
Tgt Ion: 79 Resp: 35584  
Ion Ratio Lower Upper  
79 100  
52 84.8 76.6 114.8  
51 53.2 49.3 73.9



#4  
n-Nitrosodimethylamine  
Concen: 41.446 ng  
RT: 3.638 min Scan# 93  
Delta R.T. -0.011 min  
Lab File: BG064458.D  
Acq: 29 Sep 2025 13:43

Tgt Ion: 42 Resp: 33488  
Ion Ratio Lower Upper  
42 100  
74 70.4 56.1 84.1  
44 3.3 3.1 4.7

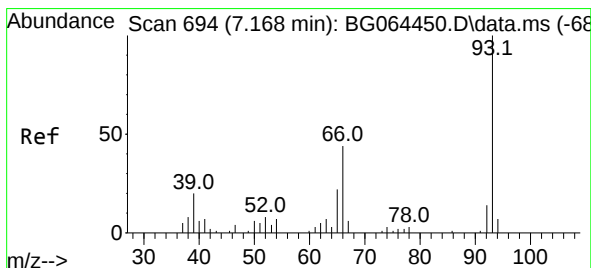
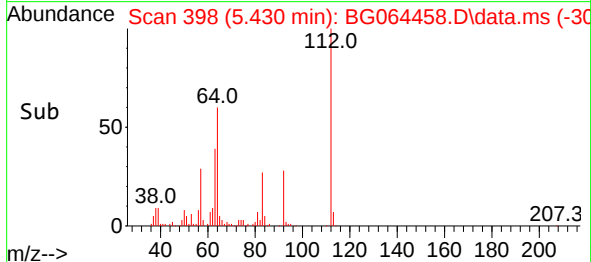
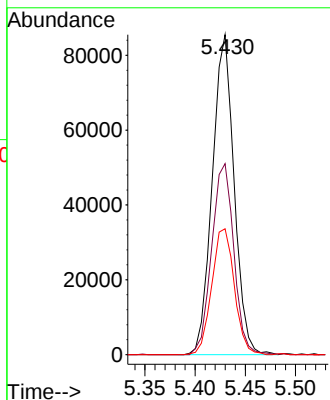
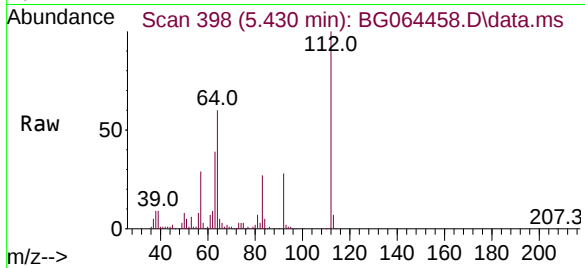




#5  
2-Fluorophenol  
Concen: 138.409 ng  
RT: 5.430 min Scan# 397  
Delta R.T. 0.006 min  
Lab File: BG064458.D  
Acq: 29 Sep 2025 13:43

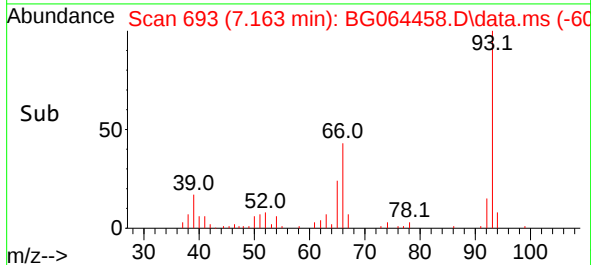
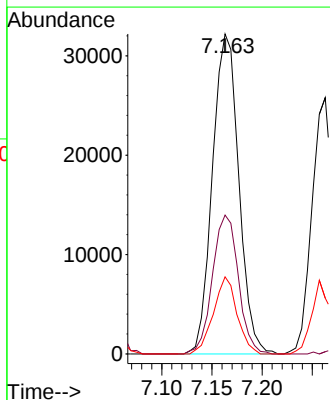
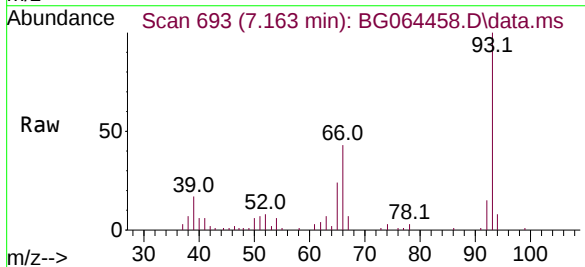
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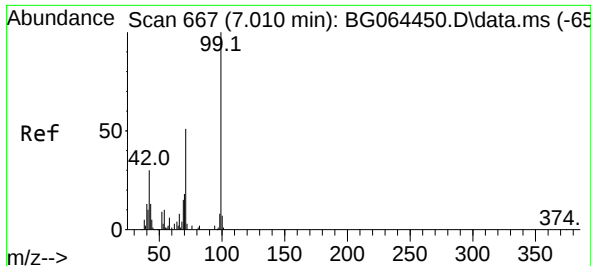
Tgt Ion:112 Resp: 129409  
Ion Ratio Lower Upper  
112 100  
64 59.7 54.0 81.0  
63 39.3 33.8 50.6



#6  
Aniline  
Concen: 35.480 ng  
RT: 7.163 min Scan# 693  
Delta R.T. -0.005 min  
Lab File: BG064458.D  
Acq: 29 Sep 2025 13:43

Tgt Ion: 93 Resp: 58851  
Ion Ratio Lower Upper  
93 100  
66 43.4 34.9 52.3  
65 24.1 17.3 25.9

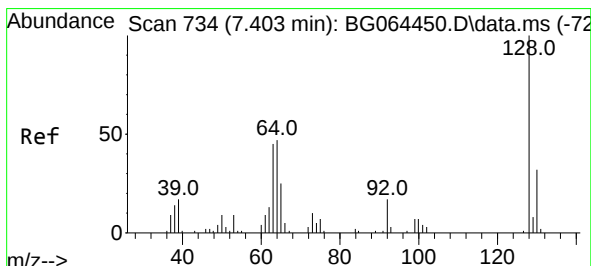
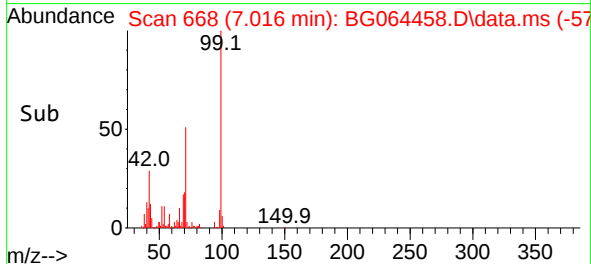
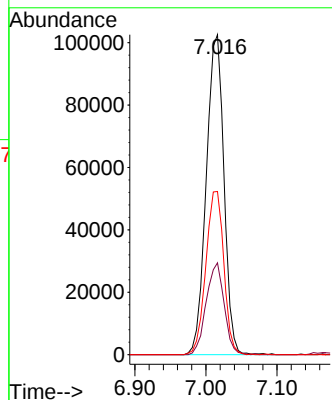
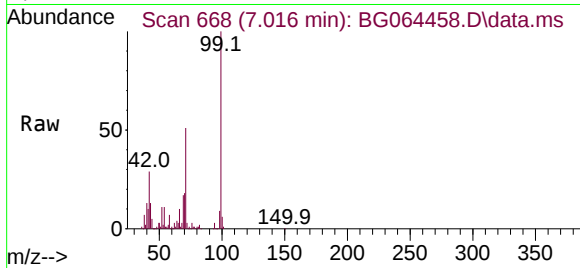




#7  
Phenol-d6  
Concen: 137.780 ng  
RT: 7.016 min Scan# 60  
Delta R.T. 0.006 min  
Lab File: BG064458.D  
Acq: 29 Sep 2025 13:43

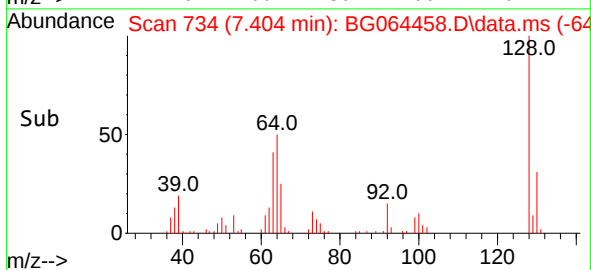
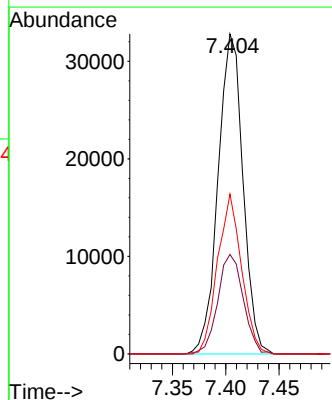
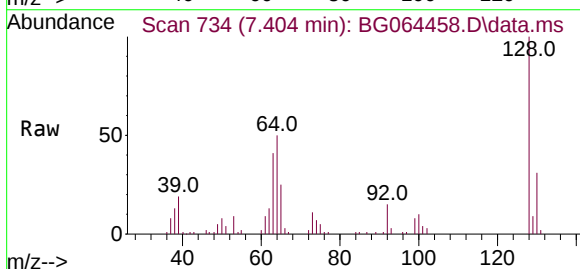
Instrument :  
BNA\_G  
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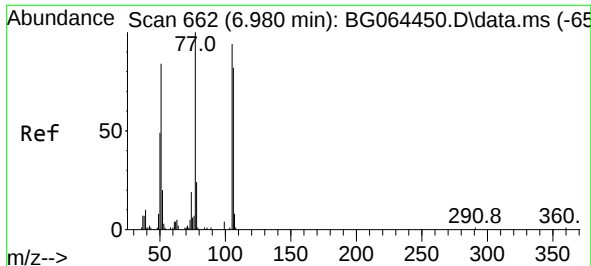
Tgt Ion: 99 Resp: 176484  
Ion Ratio Lower Upper  
99 100  
42 28.7 24.0 36.0  
71 51.0 40.5 60.7



#8  
2-Chlorophenol  
Concen: 45.579 ng  
RT: 7.404 min Scan# 734  
Delta R.T. 0.001 min  
Lab File: BG064458.D  
Acq: 29 Sep 2025 13:43

Tgt Ion: 128 Resp: 53315  
Ion Ratio Lower Upper  
128 100  
130 31.1 11.8 51.8  
64 50.0 27.0 67.0

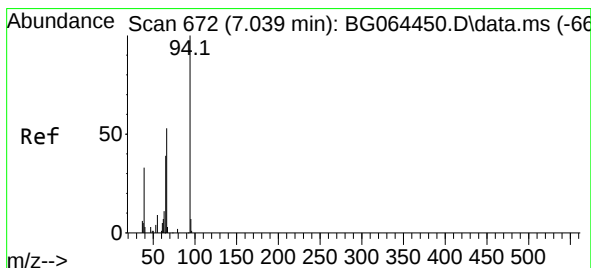
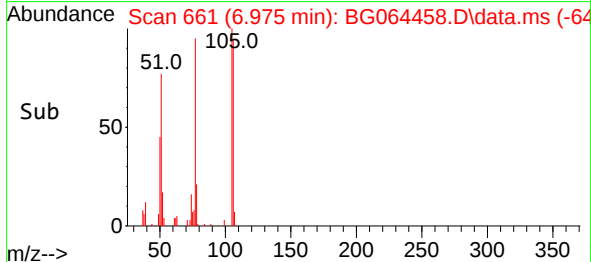
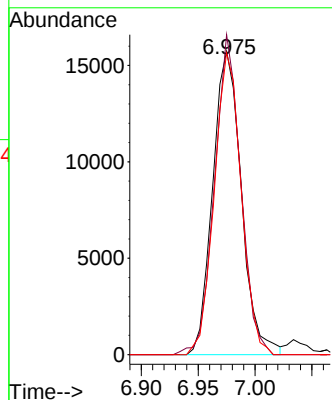
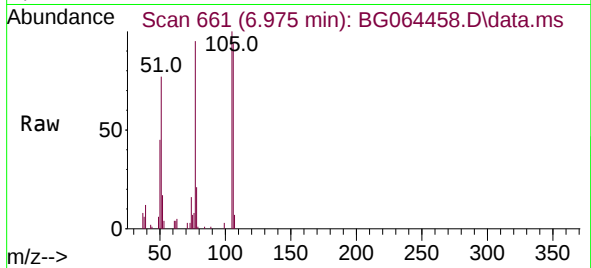




#9  
Benzaldehyde  
Concen: 25.314 ng  
RT: 6.975 min Scan# 60  
Delta R.T. -0.005 min  
Lab File: BG064458.D  
Acq: 29 Sep 2025 13:43

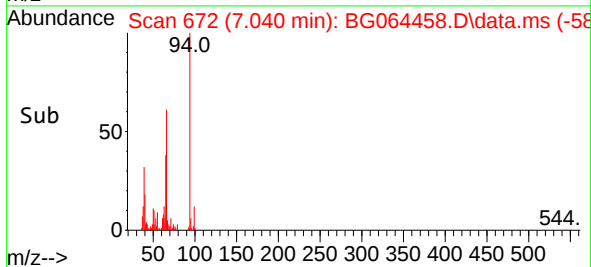
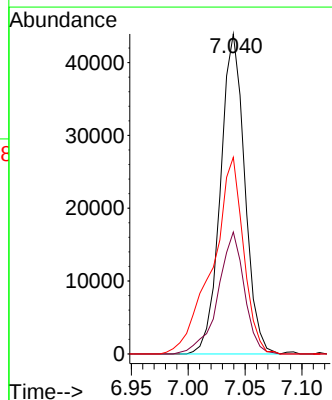
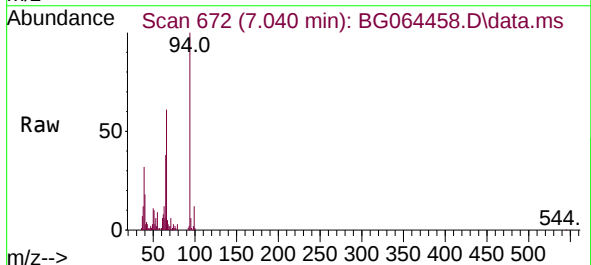
Instrument :  
BNA\_G  
ClientSampleId :  
PB169873BS

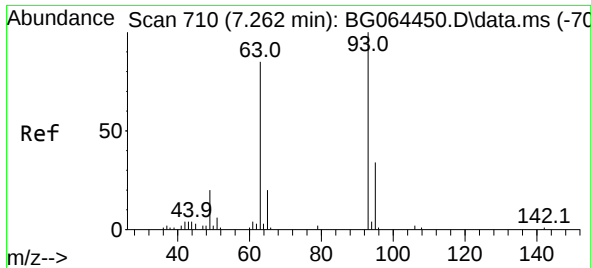
Tgt Ion: 77 Resp: 27599  
Ion Ratio Lower Upper  
77 100  
105 105.4 74.0 114.0  
106 99.4 62.5 102.5



#10  
Phenol  
Concen: 46.786 ng  
RT: 7.040 min Scan# 672  
Delta R.T. 0.001 min  
Lab File: BG064458.D  
Acq: 29 Sep 2025 13:43

Tgt Ion: 94 Resp: 64888  
Ion Ratio Lower Upper  
94 100  
65 38.1 21.1 61.1  
66 61.4 39.7 79.7

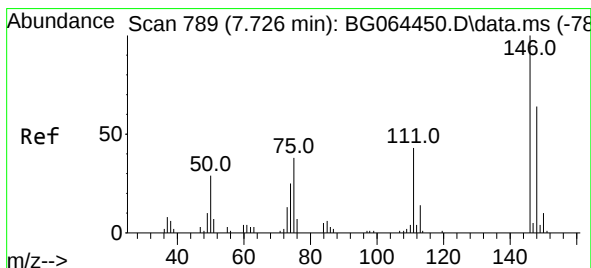
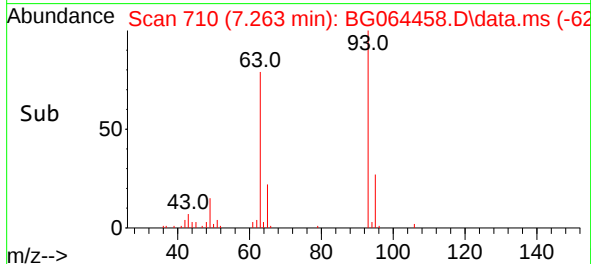
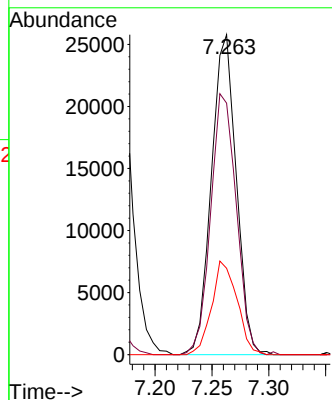
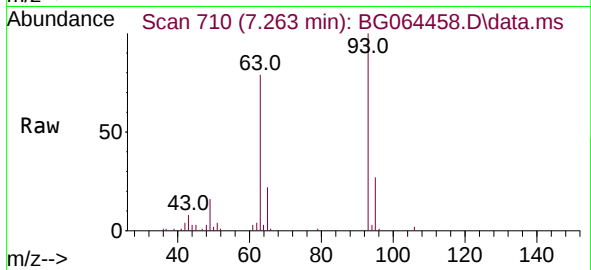




#11  
bis(2-Chloroethyl)ether  
Concen: 42.111 ng  
RT: 7.263 min Scan# 710  
Delta R.T. 0.001 min  
Lab File: BG064458.D  
Acq: 29 Sep 2025 13:43

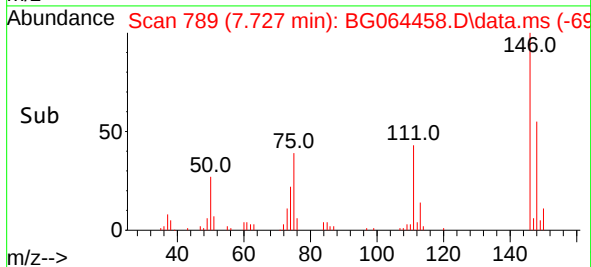
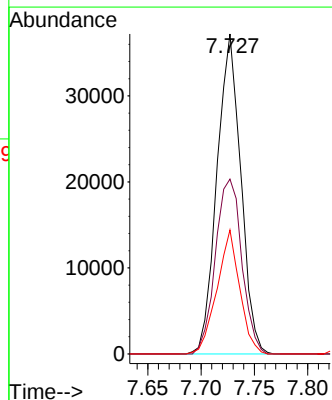
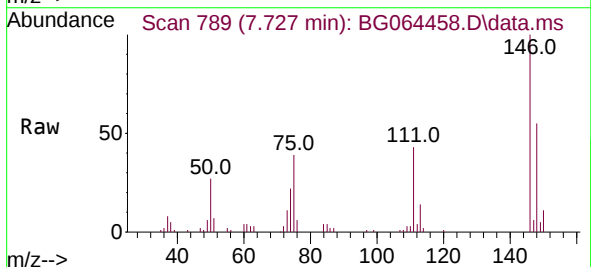
Instrument :  
BNA\_G  
ClientSampleId :  
PB169873BS

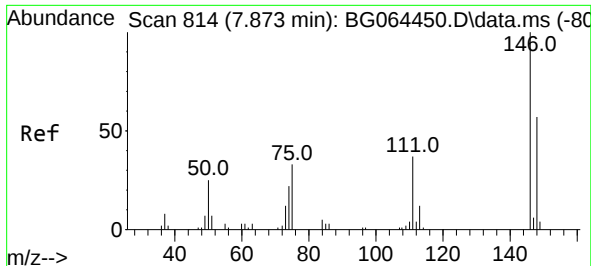
Tgt Ion: 93 Resp: 39215  
Ion Ratio Lower Upper  
93 100  
63 78.6 65.3 105.3  
95 27.0 13.7 53.7



#12  
1,3-Dichlorobenzene  
Concen: 44.230 ng  
RT: 7.727 min Scan# 789  
Delta R.T. 0.001 min  
Lab File: BG064458.D  
Acq: 29 Sep 2025 13:43

Tgt Ion:146 Resp: 57993  
Ion Ratio Lower Upper  
146 100  
148 54.6 51.0 76.4  
75 38.7 30.0 45.0





#13

1,4-Dichlorobenzene

Concen: 42.839 ng

RT: 7.874 min Scan# 814

Delta R.T. 0.001 min

Lab File: BG064458.D

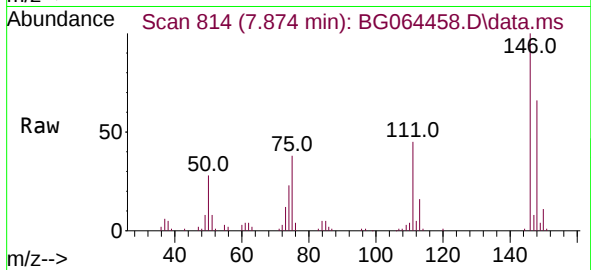
Acq: 29 Sep 2025 13:43

Instrument :

BNA\_G

ClientSampleId :

PB169873BS



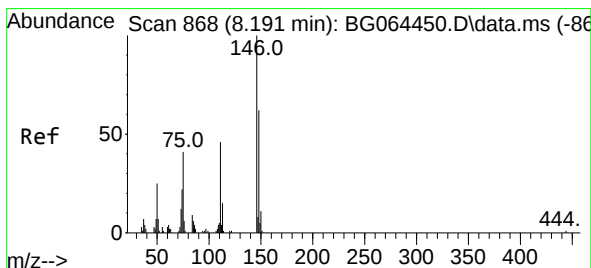
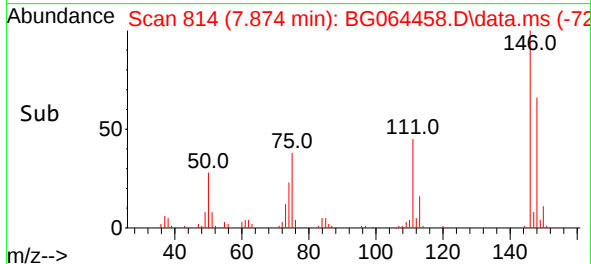
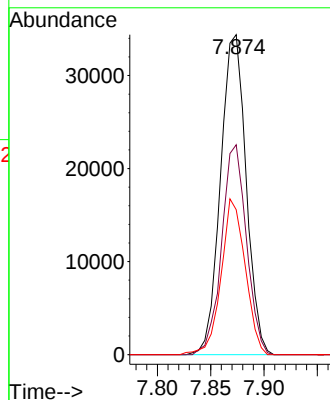
Tgt Ion:146 Resp: 57378

Ion Ratio Lower Upper

146 100

148 65.6 45.3 67.9

111 45.3 30.3 45.5



#14

1,2-Dichlorobenzene

Concen: 44.674 ng

RT: 8.191 min Scan# 868

Delta R.T. 0.001 min

Lab File: BG064458.D

Acq: 29 Sep 2025 13:43

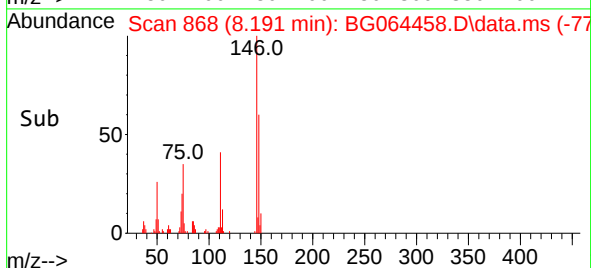
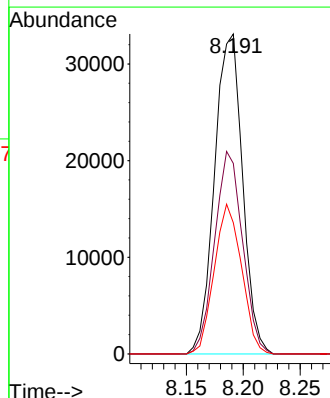
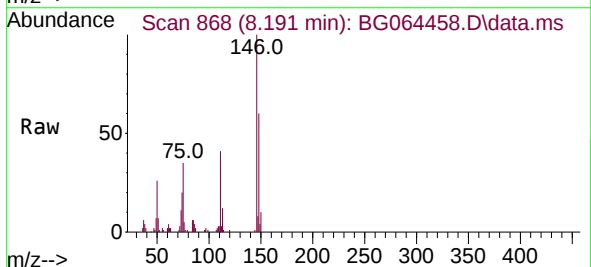
Tgt Ion:146 Resp: 56703

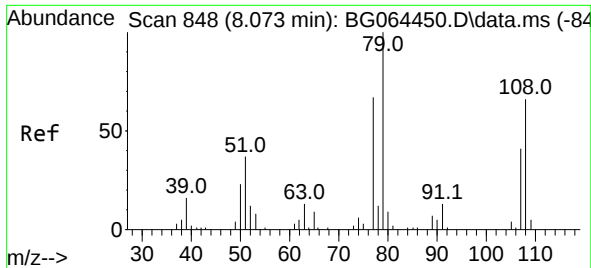
Ion Ratio Lower Upper

146 100

148 59.5 49.9 74.9

111 41.0 36.6 54.8

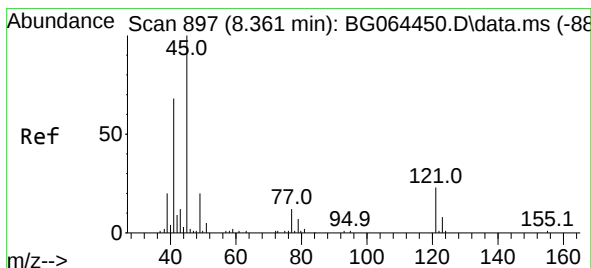
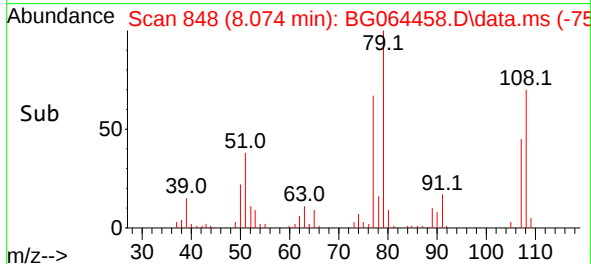
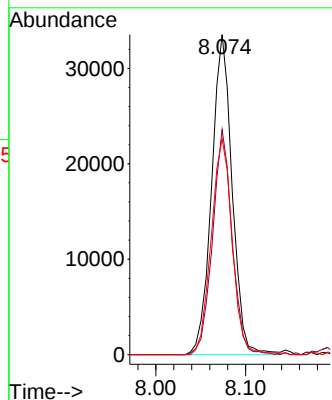
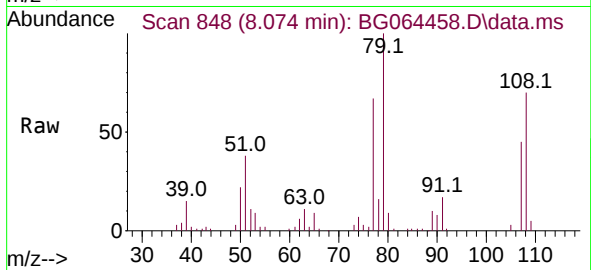




#15  
Benzyl Alcohol  
Concen: 44.329 ng  
RT: 8.074 min Scan# 84  
Delta R.T. 0.001 min  
Lab File: BG064458.D  
Acq: 29 Sep 2025 13:43

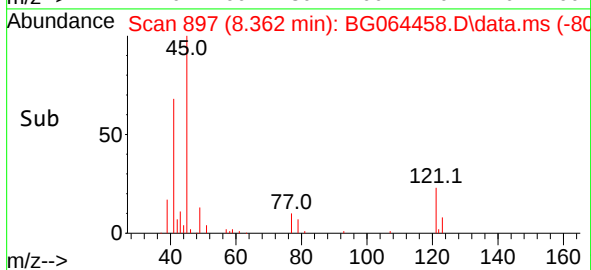
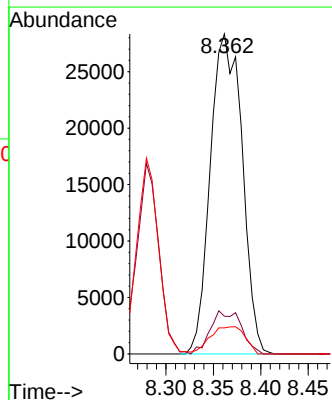
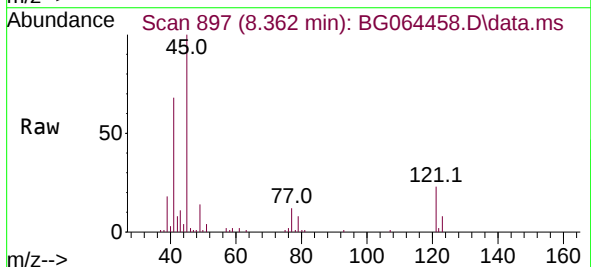
Instrument :  
BNA\_G  
ClientSampleId :  
PB169873BS

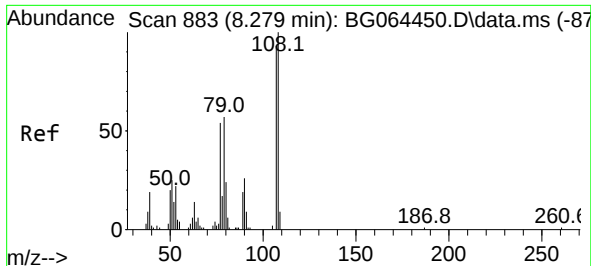
Tgt Ion: 79 Resp: 53502  
Ion Ratio Lower Upper  
79 100  
108 70.3 53.0 79.6  
77 67.4 53.6 80.4



#16  
2,2'-oxybis(1-chloropropane)  
Concen: 40.660 ng  
RT: 8.362 min Scan# 897  
Delta R.T. 0.001 min  
Lab File: BG064458.D  
Acq: 29 Sep 2025 13:43

Tgt Ion: 45 Resp: 66023  
Ion Ratio Lower Upper  
45 100  
77 11.8 0.0 32.8  
79 8.1 0.0 28.0

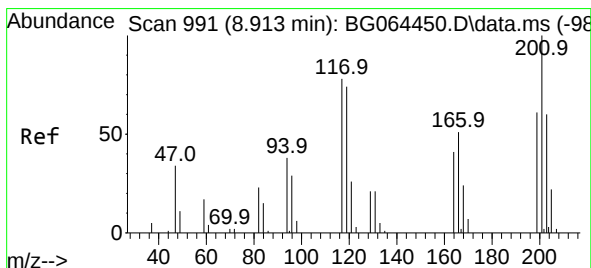
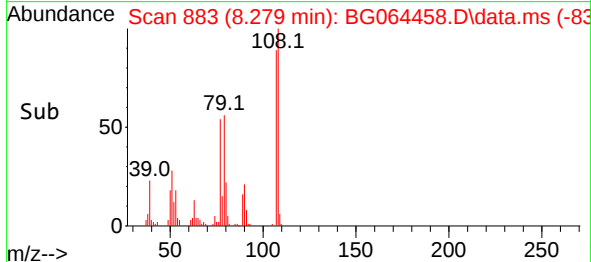
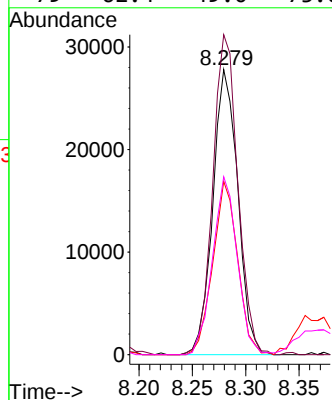
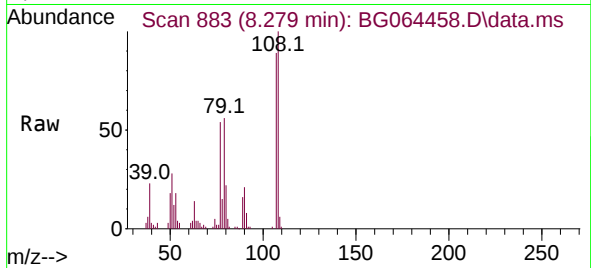




#17  
2-Methylphenol  
Concen: 45.289 ng  
RT: 8.279 min Scan# 883  
Delta R.T. 0.001 min  
Lab File: BG064458.D  
Acq: 29 Sep 2025 13:43

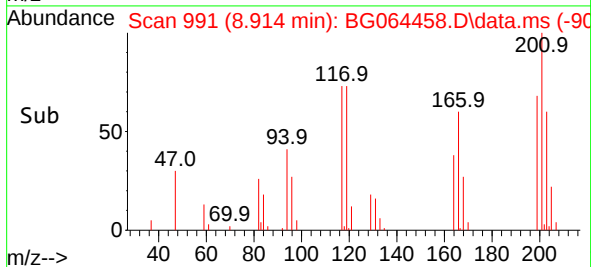
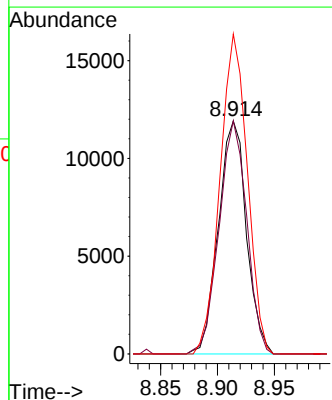
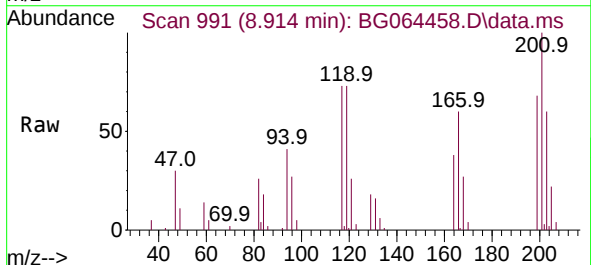
Instrument :  
BNA\_G  
ClientSampleId :  
PB169873BS

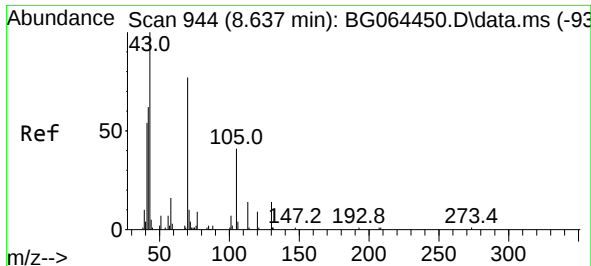
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 107   | Resp: | 45376 |
| Ion      | Ratio | Lower | Upper |
| 107      | 100   |       |       |
| 108      | 112.3 | 86.2  | 129.2 |
| 77       | 60.8  | 46.7  | 70.1  |
| 79       | 62.4  | 49.0  | 73.6  |



#18  
Hexachloroethane  
Concen: 40.457 ng  
RT: 8.914 min Scan# 991  
Delta R.T. 0.001 min  
Lab File: BG064458.D  
Acq: 29 Sep 2025 13:43

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 20444 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 100.1 | 76.6  | 115.0 |
| 201      | 137.4 | 103.0 | 154.6 |

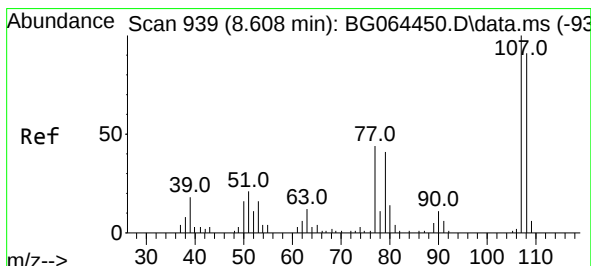
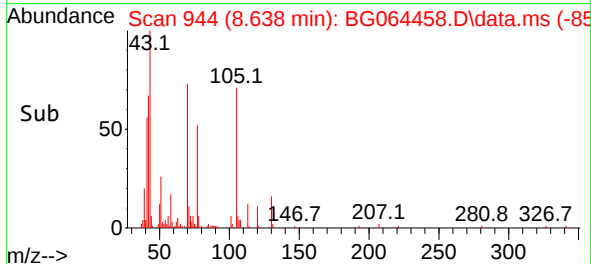
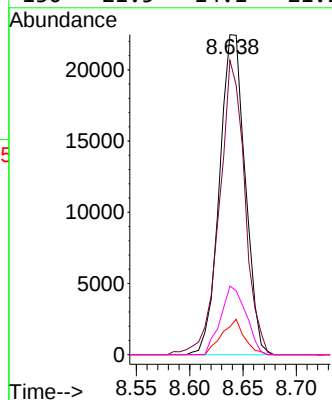
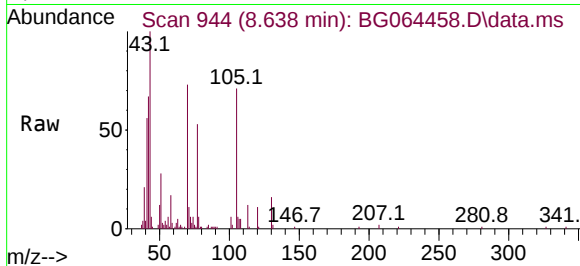




#19  
n-Nitroso-di-n-propylamine  
Concen: 43.372 ng  
RT: 8.638 min Scan# 94  
Delta R.T. 0.001 min  
Lab File: BG064458.D  
Acq: 29 Sep 2025 13:43

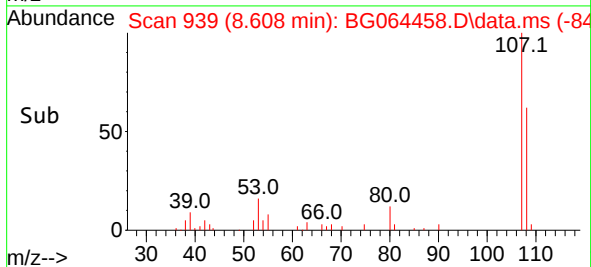
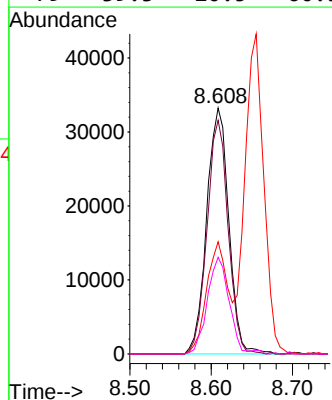
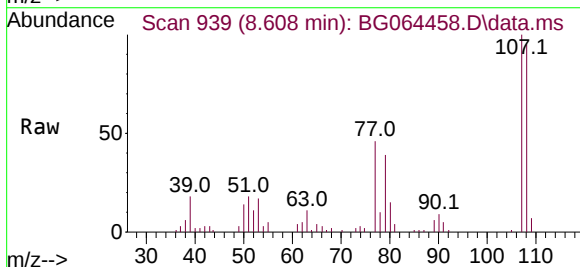
Instrument :  
BNA\_G  
ClientSampleId :  
PB169873BS

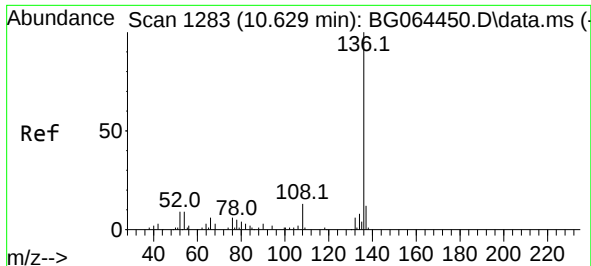
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 70    | Resp: | 37551 |
| Ion      | Ratio | Lower | Upper |
| 70       | 100   |       |       |
| 42       | 91.9  | 65.6  | 98.4  |
| 101      | 8.7   | 7.7   | 11.5  |
| 130      | 21.5  | 14.1  | 21.1  |



#20  
3+4-Methylphenols  
Concen: 44.614 ng  
RT: 8.608 min Scan# 939  
Delta R.T. 0.001 min  
Lab File: BG064458.D  
Acq: 29 Sep 2025 13:43

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 107   | Resp: | 62835 |
| Ion      | Ratio | Lower | Upper |
| 107      | 100   |       |       |
| 108      | 95.0  | 70.9  | 110.9 |
| 77       | 45.6  | 24.4  | 64.4  |
| 79       | 39.3  | 20.5  | 60.5  |

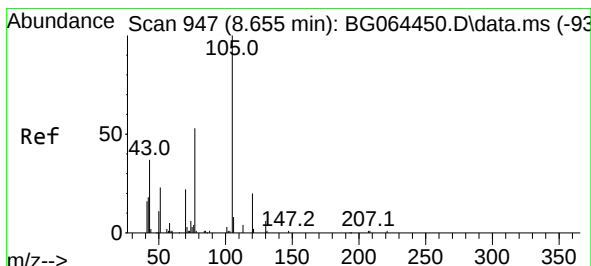
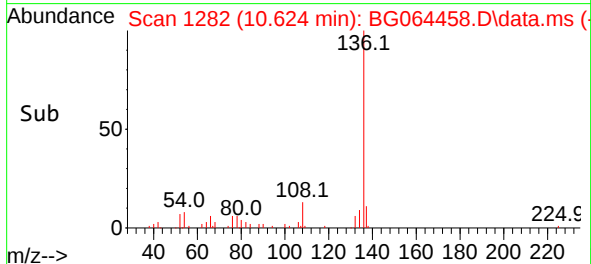
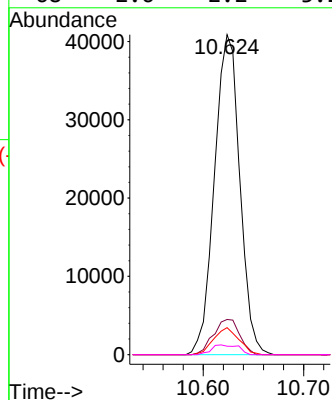
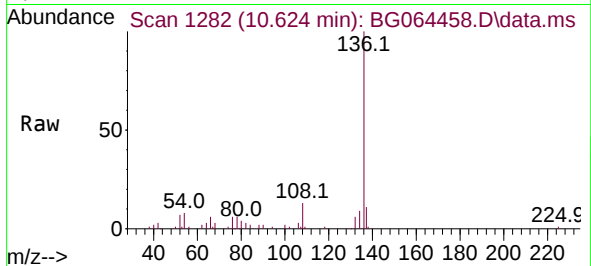




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.624 min Scan# 11  
Delta R.T. -0.005 min  
Lab File: BG064458.D  
Acq: 29 Sep 2025 13:43

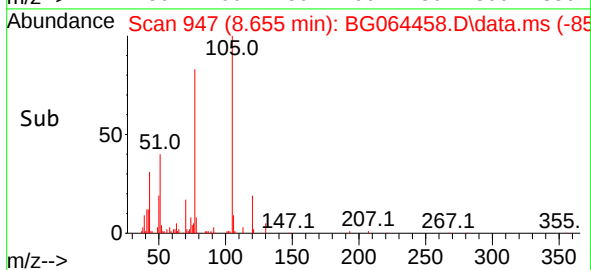
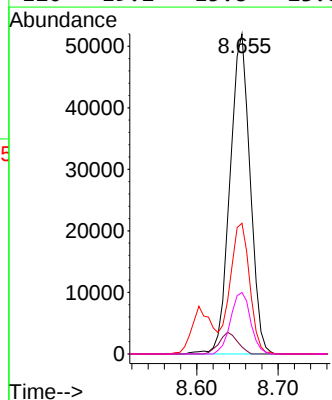
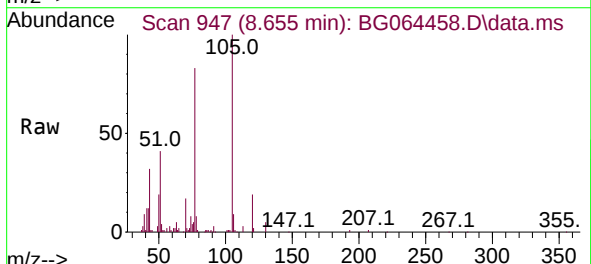
Instrument :  
BNA\_G  
ClientSampleId :  
PB169873BS

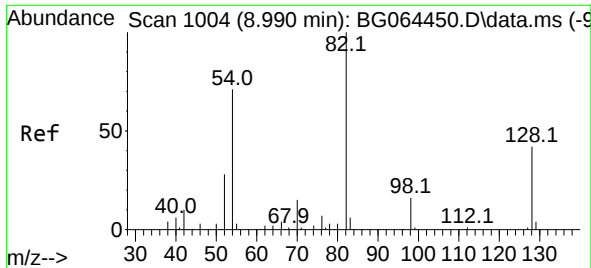
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 136   | Resp: | 71713 |
| Ion Ratio | Lower | Upper |       |
| 136       | 100   |       |       |
| 137       | 11.0  | 9.6   | 14.4  |
| 54        | 8.4   | 7.4   | 11.2  |
| 68        | 2.6   | 2.2   | 3.2   |



#22  
Acetophenone  
Concen: 52.074 ng  
RT: 8.655 min Scan# 947  
Delta R.T. 0.001 min  
Lab File: BG064458.D  
Acq: 29 Sep 2025 13:43

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 105   | Resp: | 89404 |
| Ion Ratio | Lower | Upper |       |
| 105       | 100   |       |       |
| 71        | 2.2   | 2.5   | 3.7#  |
| 51        | 40.8  | 29.0  | 43.6  |
| 120       | 19.2  | 15.8  | 23.8  |

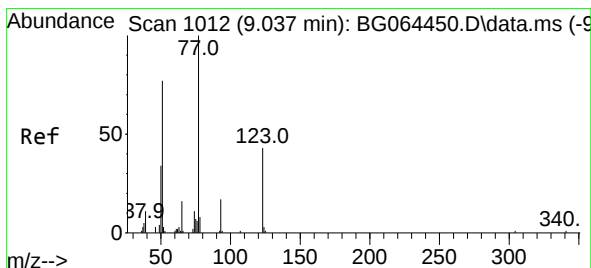
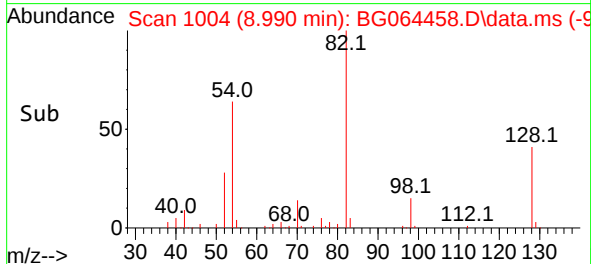
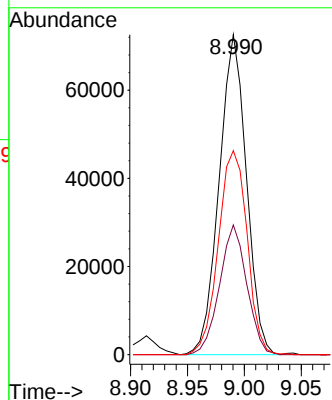
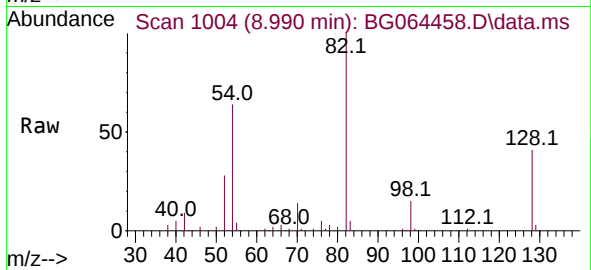




#23  
Nitrobenzene-d5  
Concen: 91.482 ng  
RT: 8.990 min Scan# 10  
Delta R.T. 0.001 min  
Lab File: BG064458.D  
Acq: 29 Sep 2025 13:43

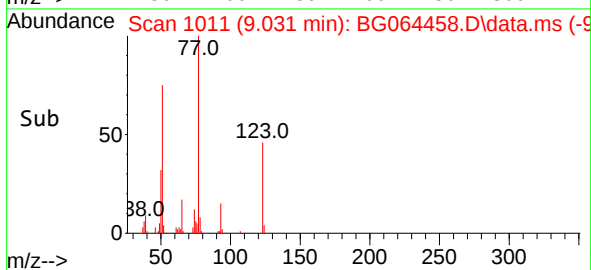
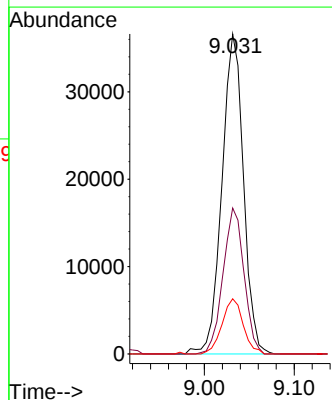
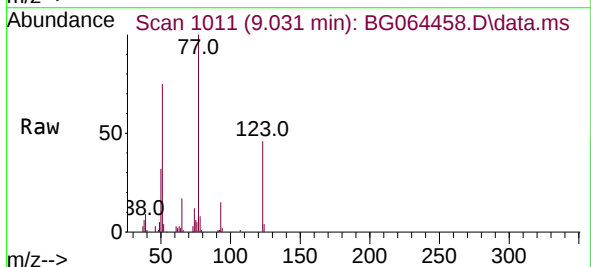
Instrument :  
BNA\_G  
ClientSampleId :  
PB169873BS

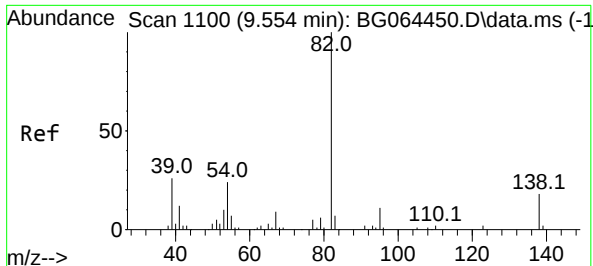
Tgt Ion: 82 Resp: 121053  
Ion Ratio Lower Upper  
82 100  
128 40.5 33.7 50.5  
54 63.7 57.0 85.6



#24  
Nitrobenzene  
Concen: 47.236 ng  
RT: 9.031 min Scan# 1011  
Delta R.T. -0.005 min  
Lab File: BG064458.D  
Acq: 29 Sep 2025 13:43

Tgt Ion: 77 Resp: 61013  
Ion Ratio Lower Upper  
77 100  
123 45.6 34.7 52.1  
65 17.2 12.8 19.2

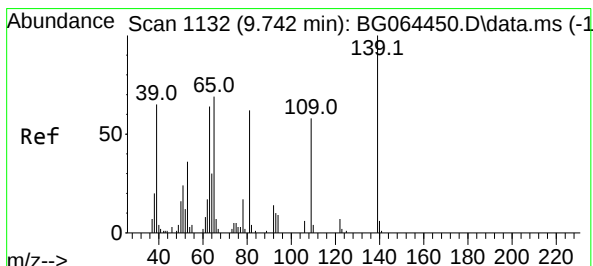
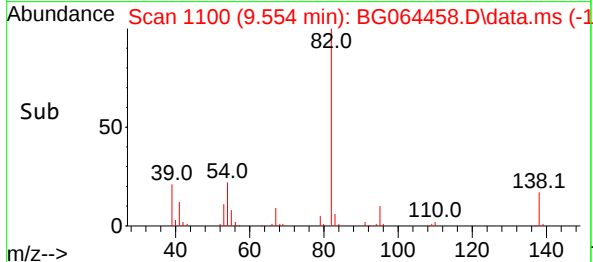
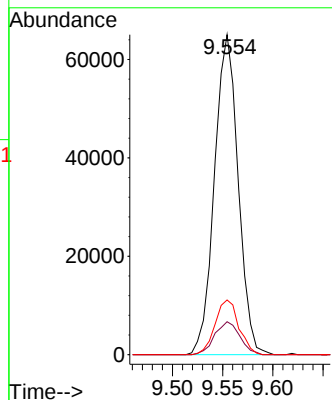
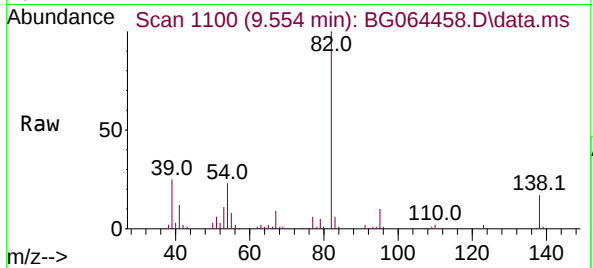




#25  
Isophorone  
Concen: 43.700 ng  
RT: 9.554 min Scan# 1100  
Delta R.T. 0.001 min  
Lab File: BG064458.D  
Acq: 29 Sep 2025 13:43

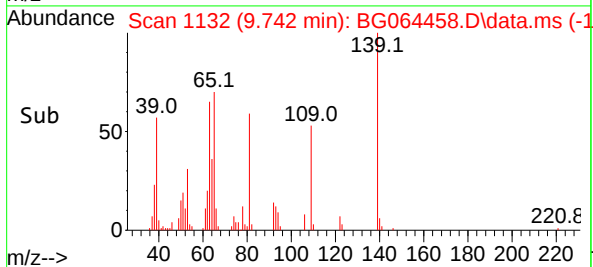
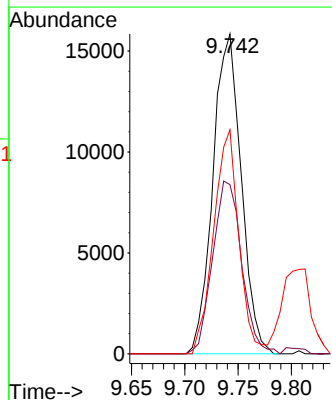
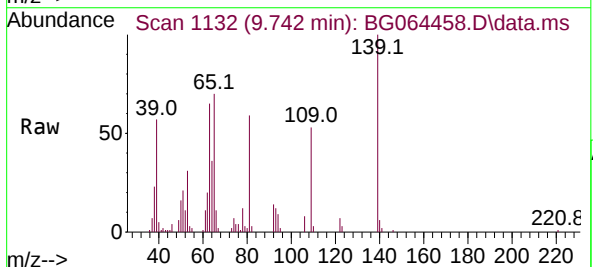
Instrument :  
BNA\_G  
ClientSampleId :  
PB169873BS

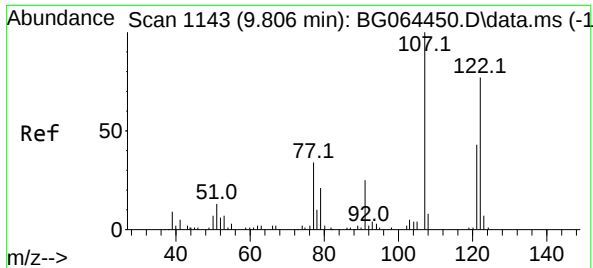
Tgt Ion: 82 Resp: 106995  
Ion Ratio Lower Upper  
82 100  
95 10.3 8.5 12.7  
138 17.1 14.3 21.5



#26  
2-Nitrophenol  
Concen: 46.065 ng  
RT: 9.742 min Scan# 1132  
Delta R.T. 0.001 min  
Lab File: BG064458.D  
Acq: 29 Sep 2025 13:43

Tgt Ion:139 Resp: 29288  
Ion Ratio Lower Upper  
139 100  
109 52.9 46.6 70.0  
65 70.0 54.9 82.3

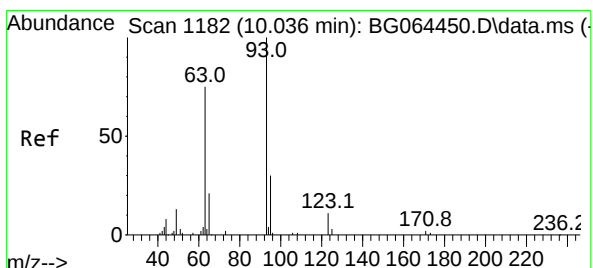
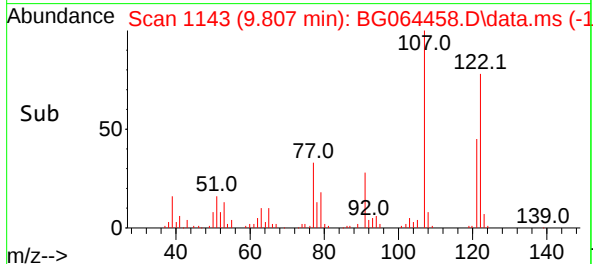
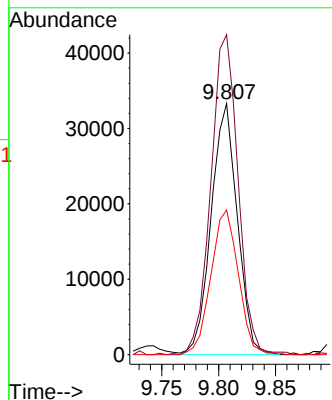
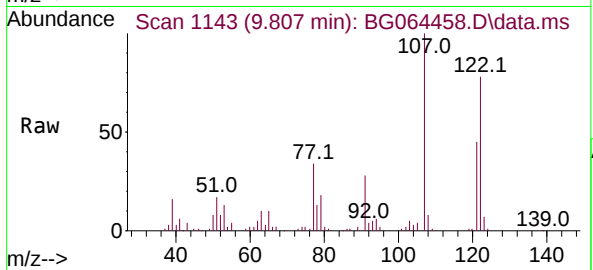




#27  
2,4-Dimethylphenol  
Concen: 52.042 ng  
RT: 9.807 min Scan# 1143  
Delta R.T. 0.001 min  
Lab File: BG064458.D  
Acq: 29 Sep 2025 13:43

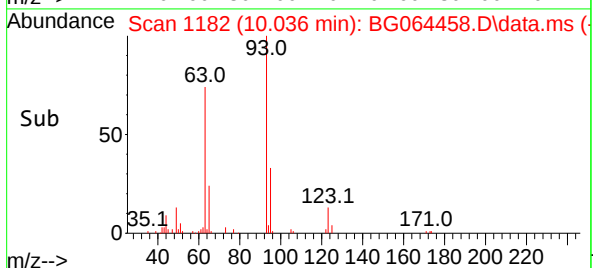
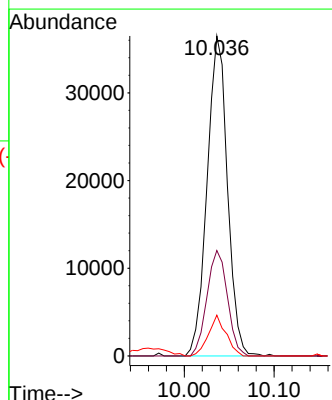
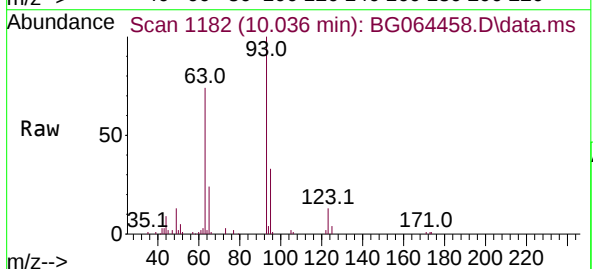
Instrument :  
BNA\_G  
ClientSampleId :  
PB169873BS

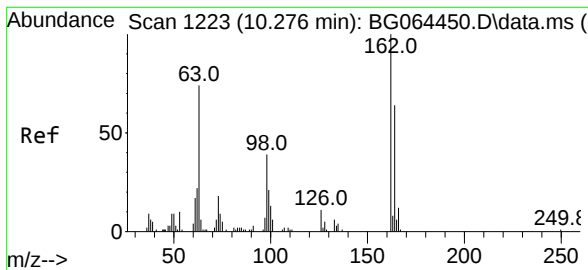
Tgt Ion:122 Resp: 53368  
Ion Ratio Lower Upper  
122 100  
107 127.4 102.6 153.8  
121 57.6 44.4 66.6



#28  
bis(2-Chloroethoxy)methane  
Concen: 45.339 ng  
RT: 10.036 min Scan# 1182  
Delta R.T. 0.001 min  
Lab File: BG064458.D  
Acq: 29 Sep 2025 13:43

Tgt Ion: 93 Resp: 57348  
Ion Ratio Lower Upper  
93 100  
95 32.9 24.0 36.0  
123 12.7 9.0 13.4

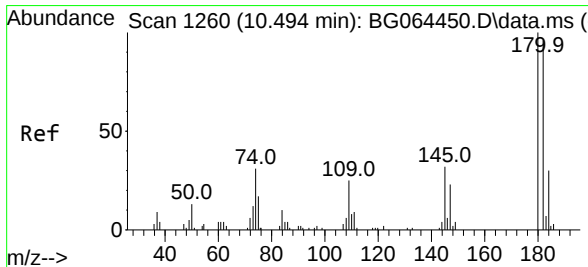
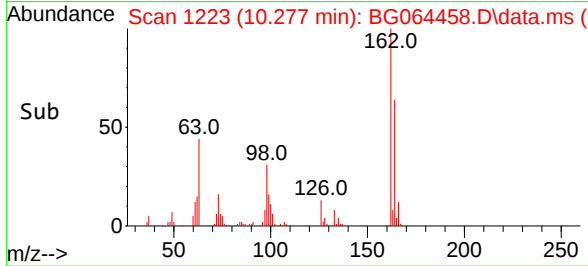
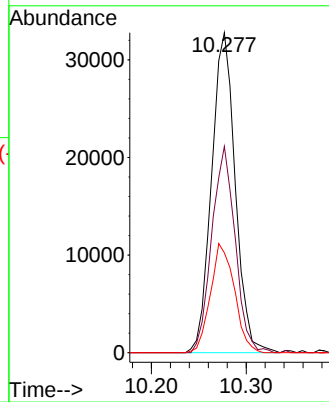
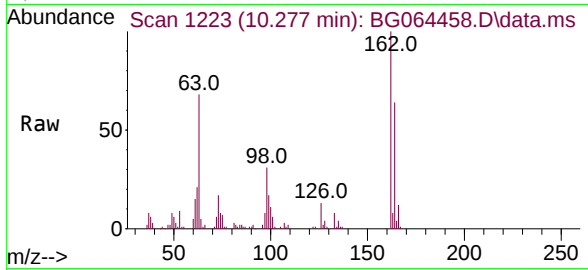




#29  
2,4-Dichlorophenol  
Concen: 48.197 ng  
RT: 10.277 min Scan# 11  
Delta R.T. 0.001 min  
Lab File: BG064458.D  
Acq: 29 Sep 2025 13:43

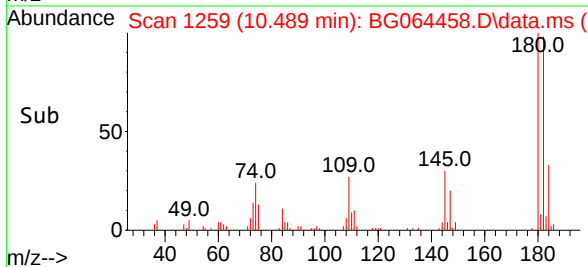
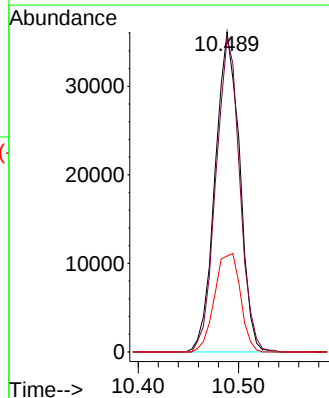
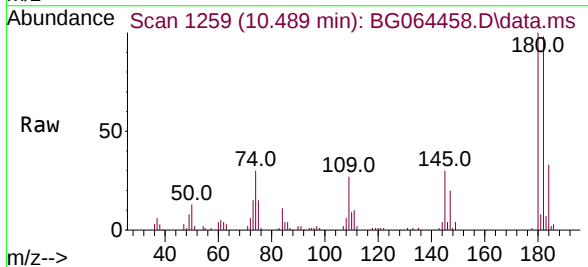
Instrument :  
BNA\_G  
ClientSampleId :  
PB169873BS

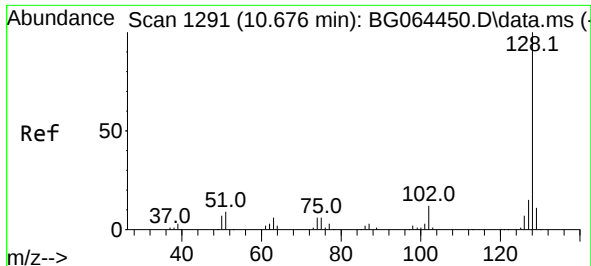
Tgt Ion:162 Resp: 56884  
Ion Ratio Lower Upper  
162 100  
164 64.4 43.7 83.7  
98 31.2 19.2 59.2



#30  
1,2,4-Trichlorobenzene  
Concen: 48.582 ng  
RT: 10.489 min Scan# 1259  
Delta R.T. -0.005 min  
Lab File: BG064458.D  
Acq: 29 Sep 2025 13:43

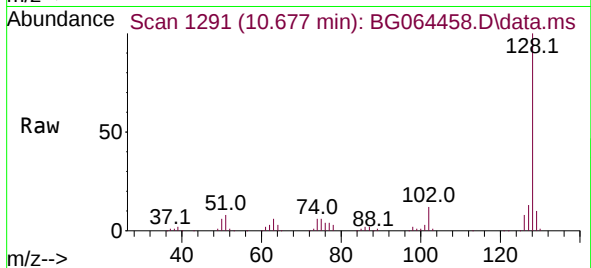
Tgt Ion:180 Resp: 61330  
Ion Ratio Lower Upper  
180 100  
182 98.0 77.0 115.4  
145 30.0 25.4 38.2



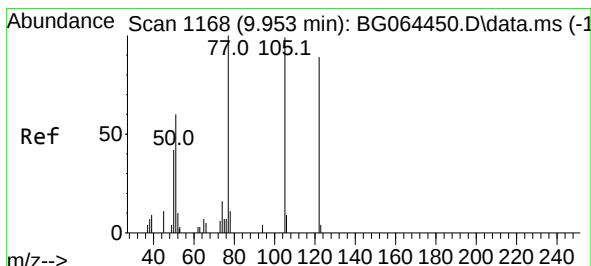
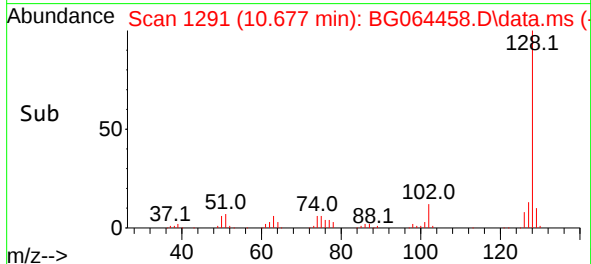
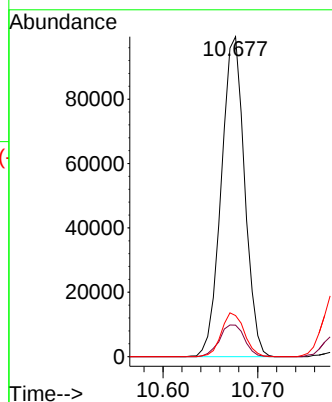


#31  
Naphthalene  
Concen: 45.309 ng  
RT: 10.677 min Scan# 1170  
Delta R.T. 0.001 min  
Lab File: BG064458.D  
Acq: 29 Sep 2025 13:43

Instrument :  
BNA\_G  
ClientSampleId :  
PB169873BS

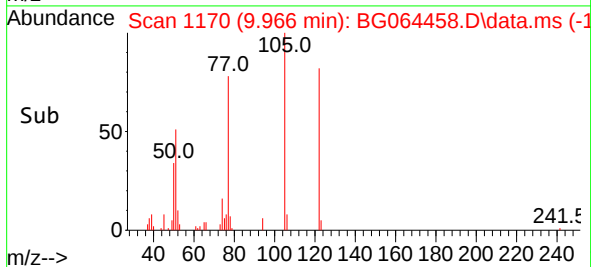
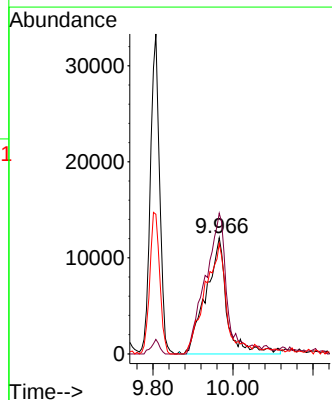
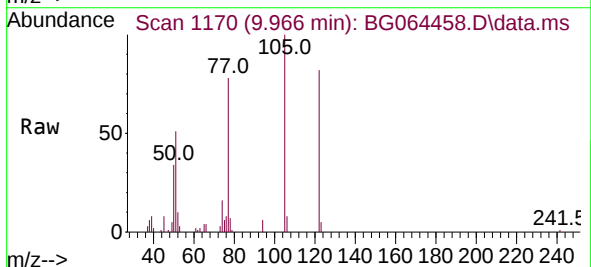


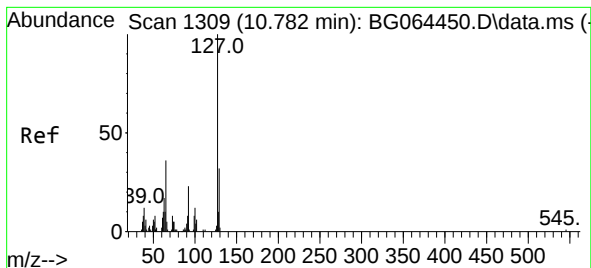
Tgt Ion:128 Resp: 169632  
Ion Ratio Lower Upper  
128 100  
129 9.8 9.2 13.8  
127 12.8 12.1 18.1



#32  
Benzoic acid  
Concen: 55.209 ng m  
RT: 9.966 min Scan# 1170  
Delta R.T. 0.012 min  
Lab File: BG064458.D  
Acq: 29 Sep 2025 13:43

Tgt Ion:122 Resp: 43861  
Ion Ratio Lower Upper  
122 100  
105 121.2 91.0 131.0  
77 95.1 92.2 132.2

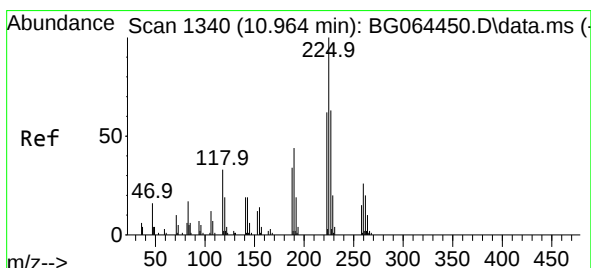
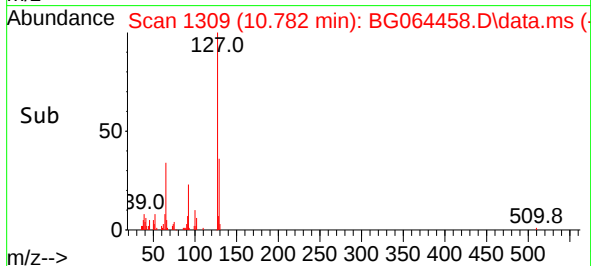
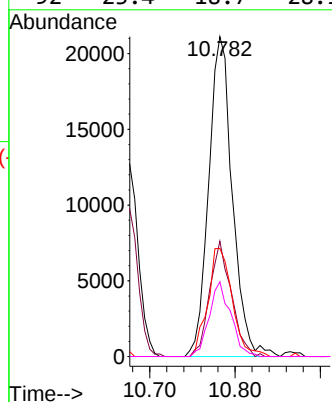
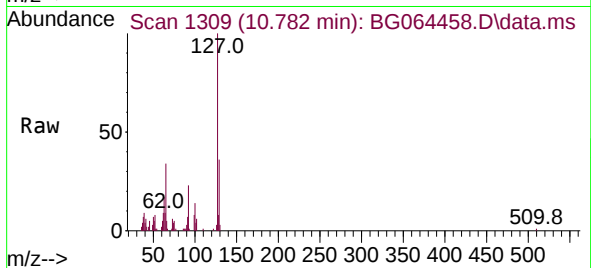




#33  
4-Chloroaniline  
Concen: 29.755 ng  
RT: 10.782 min Scan# 1309  
Delta R.T. 0.001 min  
Lab File: BG064458.D  
Acq: 29 Sep 2025 13:43

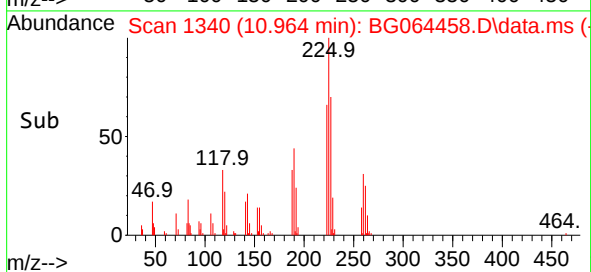
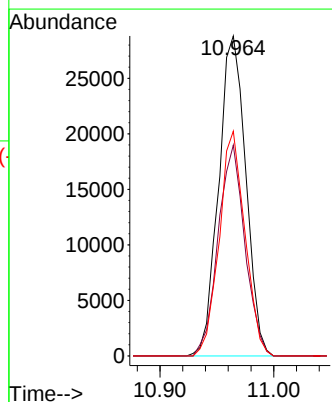
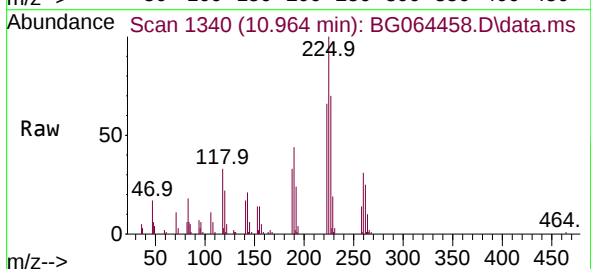
Instrument :  
BNA\_G  
ClientSampleId :  
PB169873BS

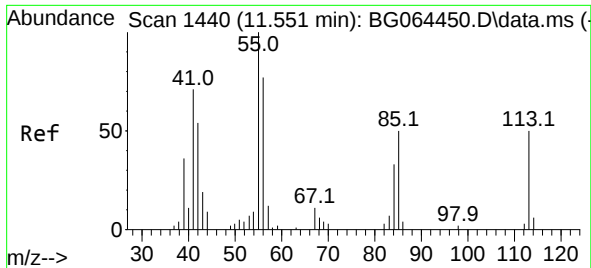
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 127   | Resp: | 40751 |
| Ion Ratio | Lower | Upper |       |
| 127       | 100   |       |       |
| 129       | 36.1  | 25.7  | 38.5  |
| 65        | 33.8  | 28.6  | 43.0  |
| 92        | 23.4  | 18.7  | 28.1  |



#34  
Hexachlorobutadiene  
Concen: 44.320 ng  
RT: 10.964 min Scan# 1340  
Delta R.T. 0.001 min  
Lab File: BG064458.D  
Acq: 29 Sep 2025 13:43

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 225   | Resp: | 47658 |
| Ion Ratio | Lower | Upper |       |
| 225       | 100   |       |       |
| 223       | 65.9  | 49.4  | 74.2  |
| 227       | 70.2  | 50.0  | 75.0  |

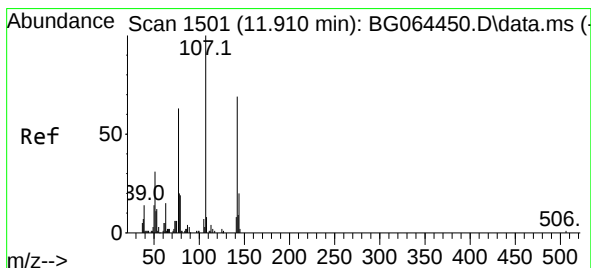
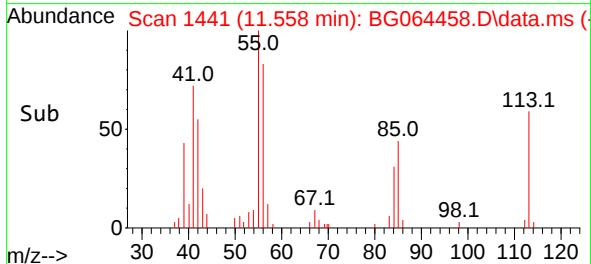
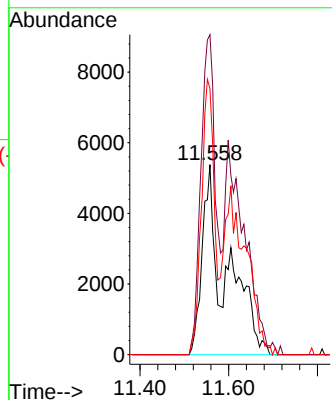
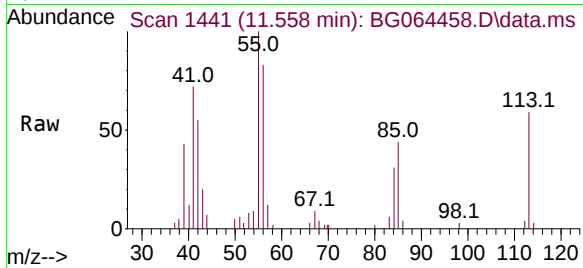




#35  
Caprolactam  
Concen: 51.456 ng m  
RT: 11.558 min Scan# 1440  
Delta R.T. 0.006 min  
Lab File: BG064458.D  
Acq: 29 Sep 2025 13:43

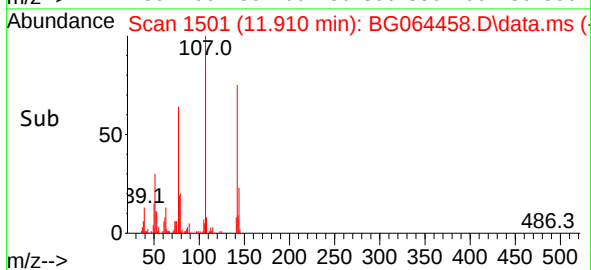
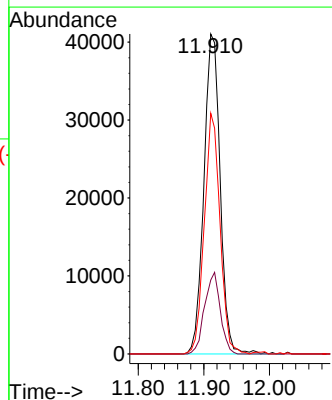
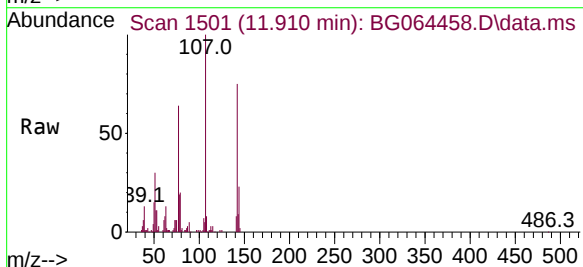
Instrument :  
BNA\_G  
ClientSampleId :  
PB169873BS

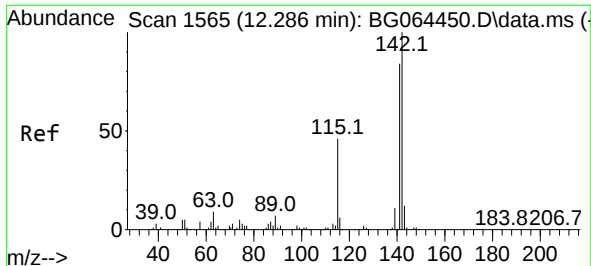
Tgt Ion:113 Resp: 20038  
Ion Ratio Lower Upper  
113 100  
55 168.5 178.3 218.3#  
56 139.9 132.4 172.4



#36  
4-Chloro-3-methylphenol  
Concen: 50.356 ng  
RT: 11.910 min Scan# 1501  
Delta R.T. 0.001 min  
Lab File: BG064458.D  
Acq: 29 Sep 2025 13:43

Tgt Ion:107 Resp: 70444  
Ion Ratio Lower Upper  
107 100  
144 23.1 16.3 24.5  
142 75.2 55.5 83.3

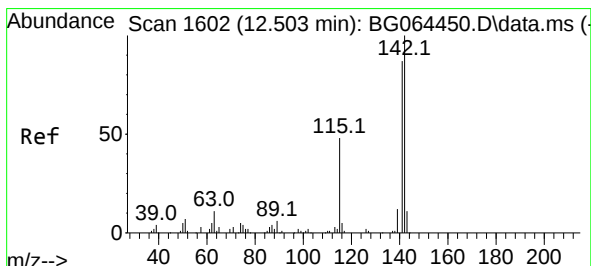
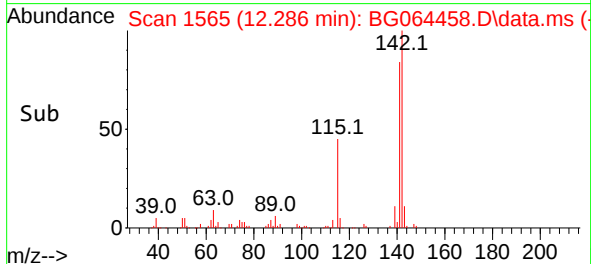
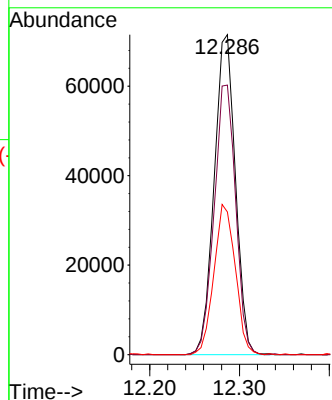
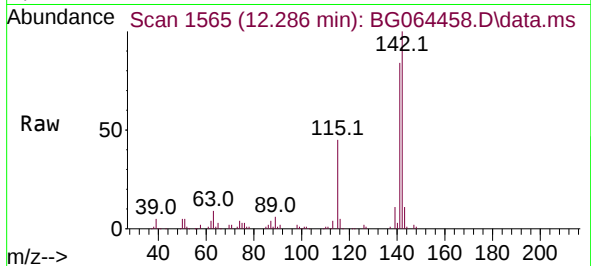




#37  
2-Methylnaphthalene  
Concen: 41.542 ng  
RT: 12.286 min Scan# 11  
Delta R.T. 0.001 min  
Lab File: BG064458.D  
Acq: 29 Sep 2025 13:43

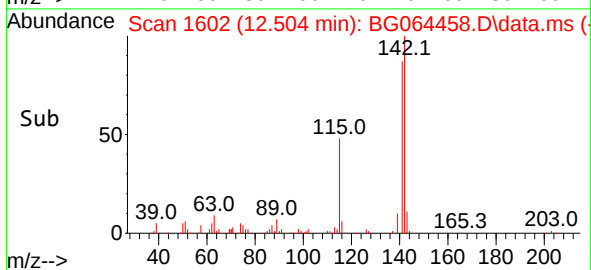
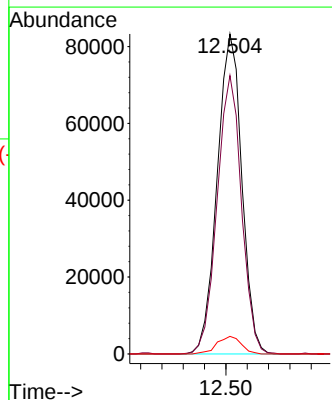
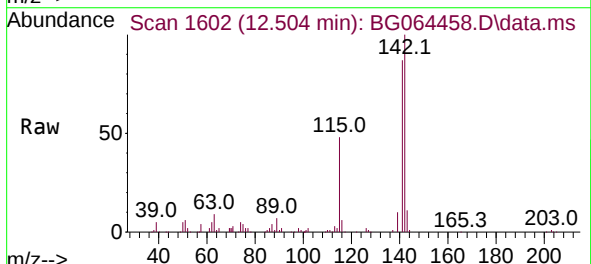
Instrument :  
BNA\_G  
ClientSampleId :  
PB169873BS

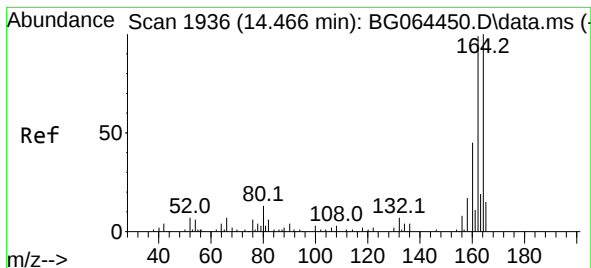
Tgt Ion:142 Resp: 117439  
Ion Ratio Lower Upper  
142 100  
141 84.2 67.3 100.9  
115 44.6 37.0 55.4



#38  
1-Methylnaphthalene  
Concen: 48.173 ng  
RT: 12.504 min Scan# 1602  
Delta R.T. 0.001 min  
Lab File: BG064458.D  
Acq: 29 Sep 2025 13:43

Tgt Ion:142 Resp: 133810  
Ion Ratio Lower Upper  
142 100  
141 87.0 69.2 103.8  
116 5.5 4.2 6.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.460 min Scan# 1936

Delta R.T. -0.005 min

Lab File: BG064458.D

Acq: 29 Sep 2025 13:43

Instrument :

BNA\_G

ClientSampleId :

PB169873BS

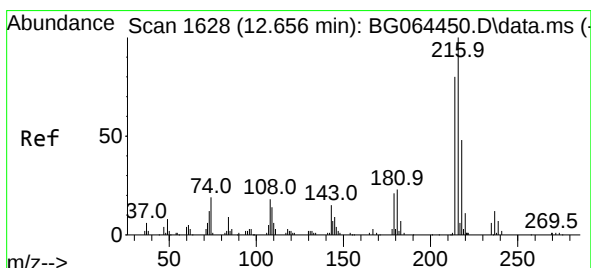
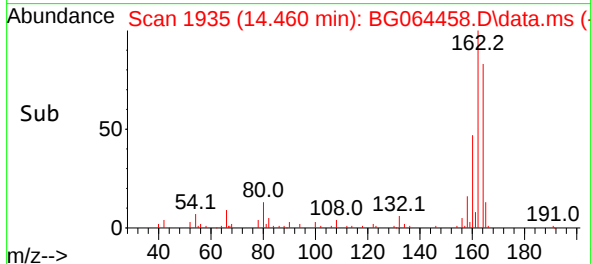
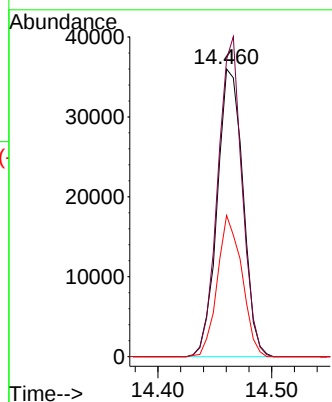
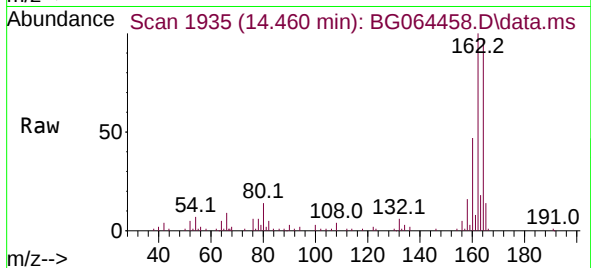
Tgt Ion:164 Resp: 56728

Ion Ratio Lower Upper

164 100

162 103.4 79.0 118.4

160 49.1 36.3 54.5



#40

1,2,4,5-Tetrachlorobenzene

Concen: 53.381 ng

RT: 12.657 min Scan# 1628

Delta R.T. 0.001 min

Lab File: BG064458.D

Acq: 29 Sep 2025 13:43

Tgt Ion:216 Resp: 96508

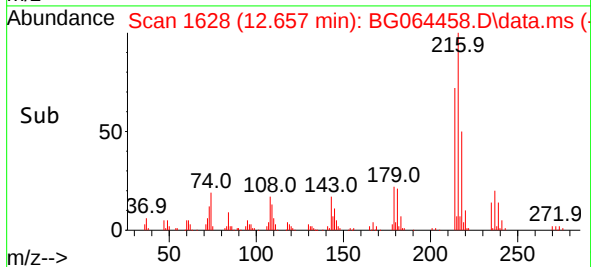
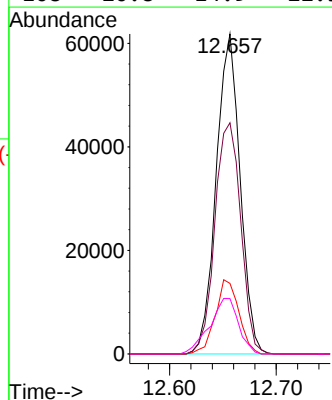
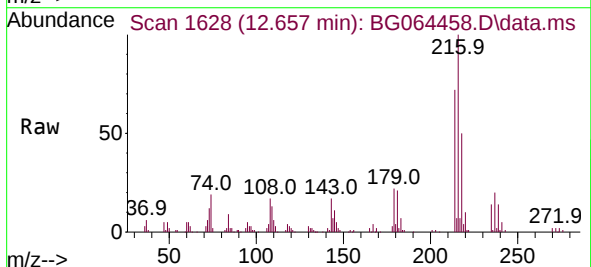
Ion Ratio Lower Upper

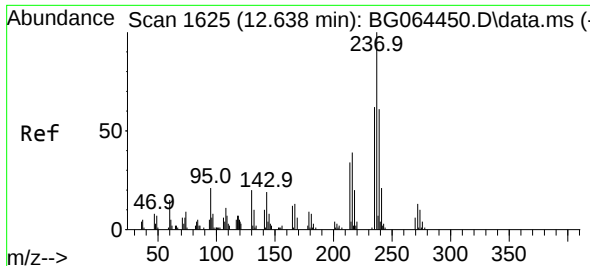
216 100

214 78.1 63.1 94.7

179 22.8 17.4 26.2

108 20.8 14.9 22.3

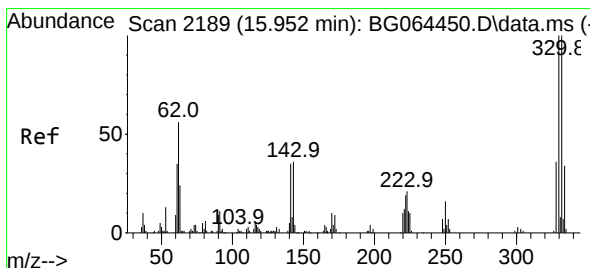
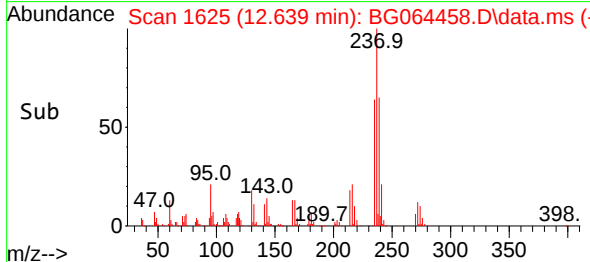
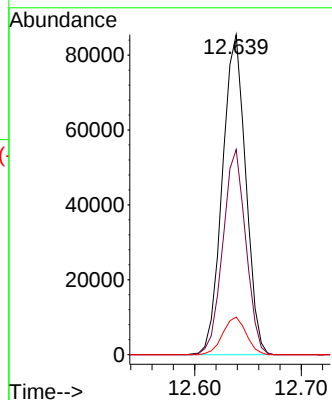
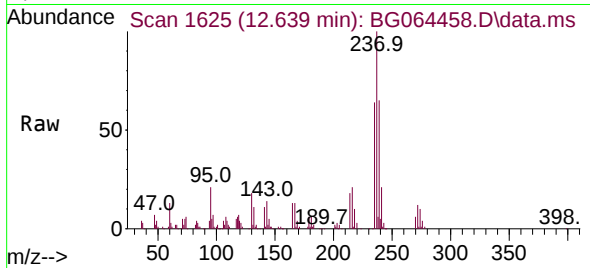




#41  
Hexachlorocyclopentadiene  
Concen: 135.645 ng  
RT: 12.639 min Scan# 1625  
Delta R.T. 0.001 min  
Lab File: BG064458.D  
Acq: 29 Sep 2025 13:43

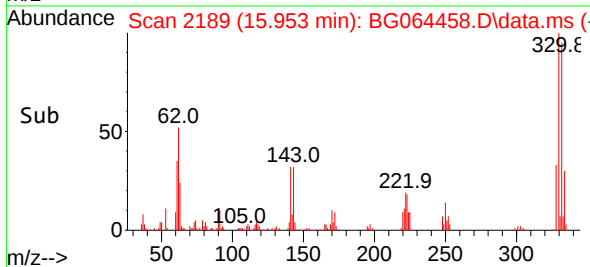
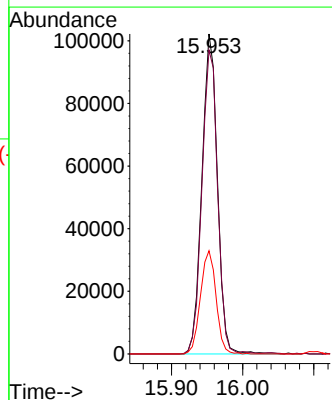
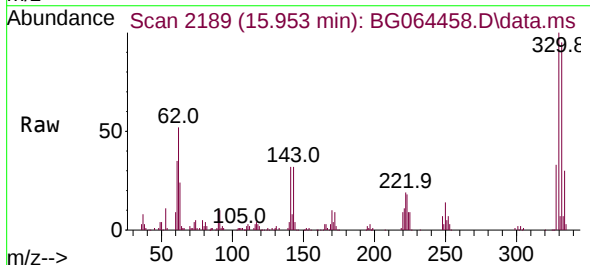
Instrument :  
BNA\_G  
ClientSampleId :  
PB169873BS

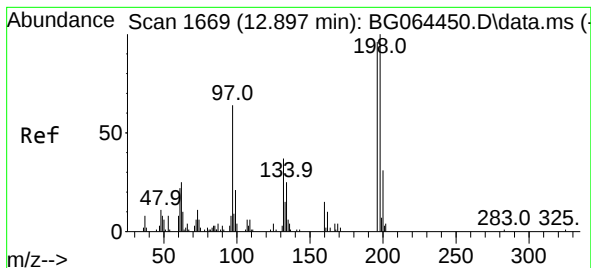
Tgt Ion:237 Resp: 130241  
Ion Ratio Lower Upper  
237 100  
235 64.1 42.2 82.2  
272 11.7 0.0 32.8



#42  
2,4,6-Tribromophenol  
Concen: 155.144 ng  
RT: 15.953 min Scan# 2189  
Delta R.T. 0.001 min  
Lab File: BG064458.D  
Acq: 29 Sep 2025 13:43

Tgt Ion:330 Resp: 153644  
Ion Ratio Lower Upper  
330 100  
332 96.2 78.8 118.2  
141 32.4 27.3 40.9





#43

2,4,6-Trichlorophenol

Concen: 50.685 ng

RT: 12.897 min Scan# 1669

Delta R.T. 0.001 min

Lab File: BG064458.D

Acq: 29 Sep 2025 13:43

Instrument :

BNA\_G

ClientSampleId :

PB169873BS

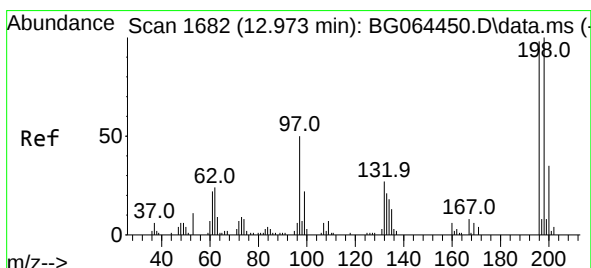
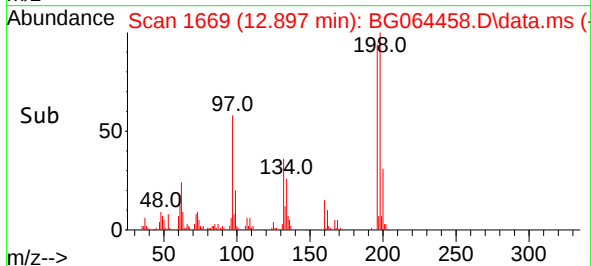
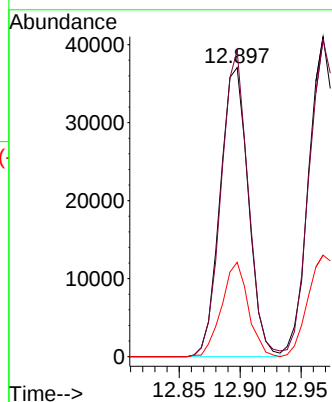
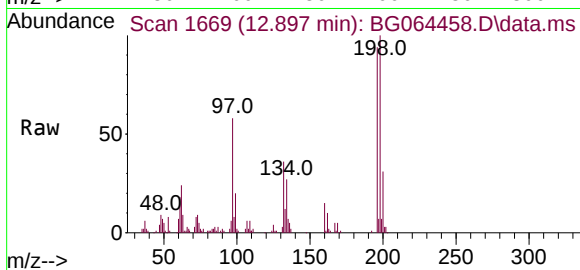
Tgt Ion:196 Resp: 59772

Ion Ratio Lower Upper

196 100

198 106.0 83.8 125.6

200 32.6 26.1 39.1



#44

2,4,5-Trichlorophenol

Concen: 50.722 ng

RT: 12.968 min Scan# 1681

Delta R.T. -0.005 min

Lab File: BG064458.D

Acq: 29 Sep 2025 13:43

Tgt Ion:196 Resp: 65247

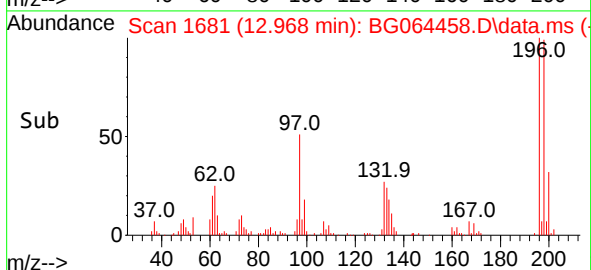
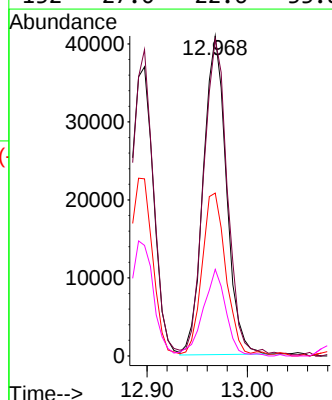
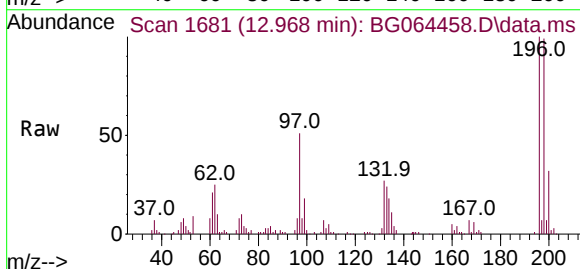
Ion Ratio Lower Upper

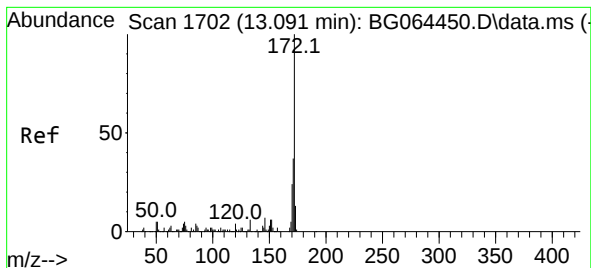
196 100

198 99.0 80.9 121.3

97 50.9 40.5 60.7

132 27.0 22.6 33.8

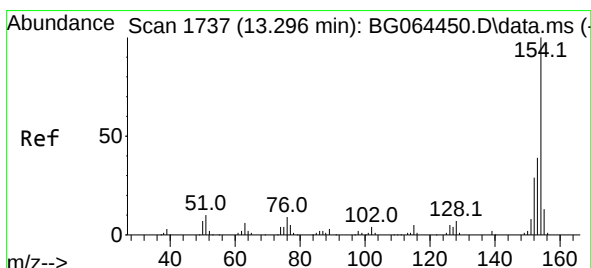
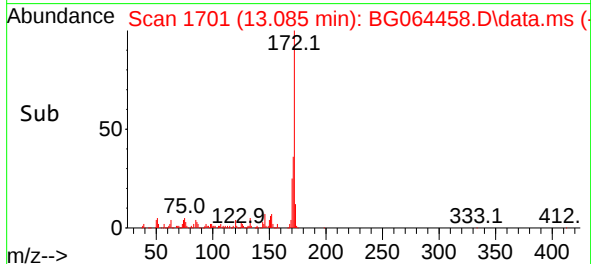
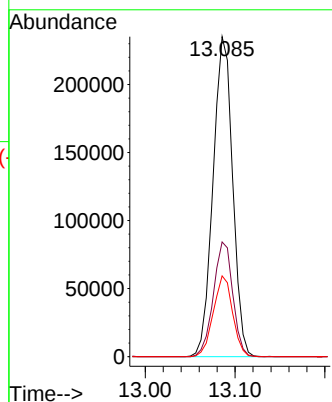
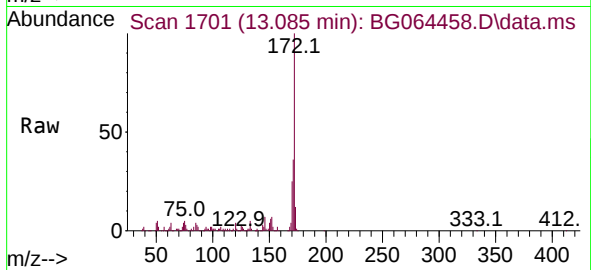




#45  
2-Fluorobiphenyl  
Concen: 92.984 ng  
RT: 13.085 min Scan# 1701  
Delta R.T. -0.005 min  
Lab File: BG064458.D  
Acq: 29 Sep 2025 13:43

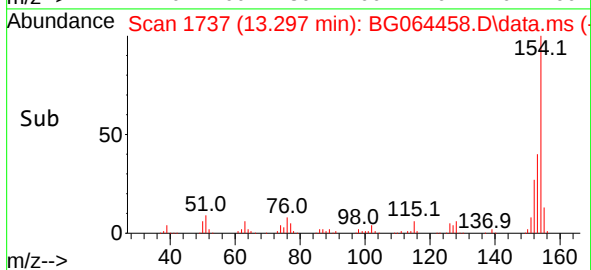
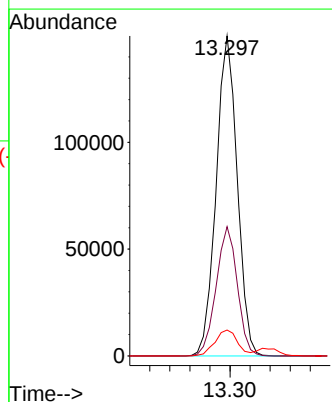
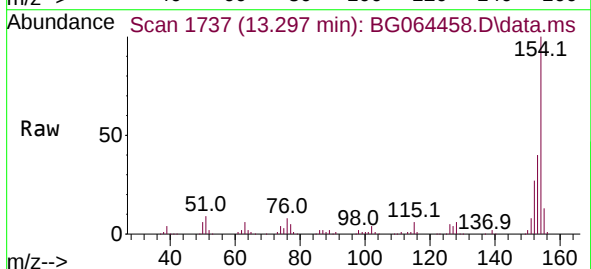
Instrument :  
BNA\_G  
ClientSampleId :  
PB169873BS

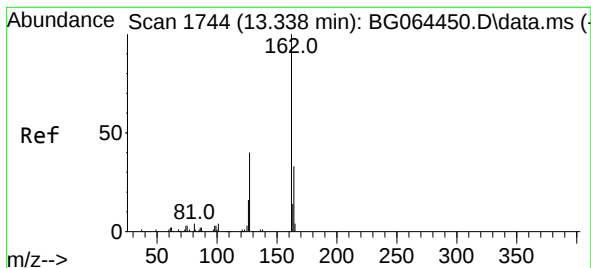
Tgt Ion:172 Resp: 357214  
Ion Ratio Lower Upper  
172 100  
171 35.8 29.4 44.2  
170 25.2 18.9 28.3



#46  
1,1'-Biphenyl  
Concen: 54.162 ng  
RT: 13.297 min Scan# 1737  
Delta R.T. 0.001 min  
Lab File: BG064458.D  
Acq: 29 Sep 2025 13:43

Tgt Ion:154 Resp: 218566  
Ion Ratio Lower Upper  
154 100  
153 40.4 18.8 58.8  
76 8.1 0.0 28.8





#47

2-Chloronaphthalene

Concen: 48.470 ng

RT: 13.338 min Scan# 1744

Delta R.T. 0.001 min

Lab File: BG064458.D

Acq: 29 Sep 2025 13:43

Instrument :

BNA\_G

ClientSampleId :

PB169873BS

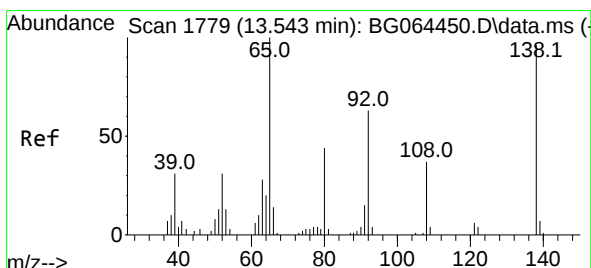
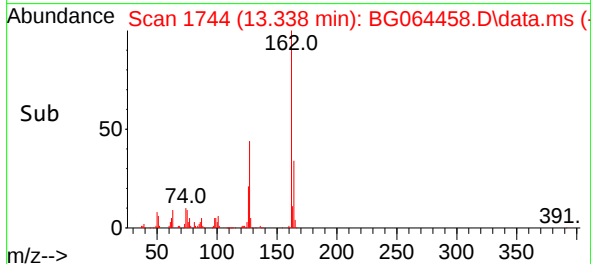
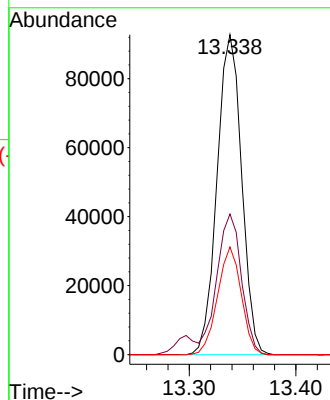
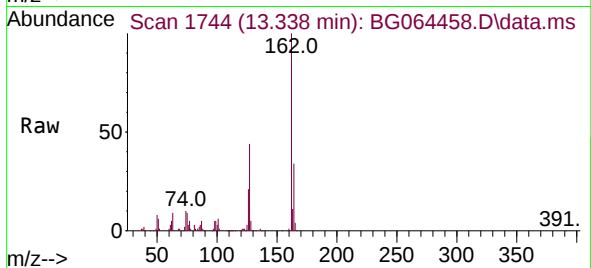
Tgt Ion:162 Resp: 148659

Ion Ratio Lower Upper

162 100

127 43.9 36.2 54.4

164 33.6 26.2 39.2



#48

2-Nitroaniline

Concen: 52.816 ng

RT: 13.544 min Scan# 1779

Delta R.T. 0.001 min

Lab File: BG064458.D

Acq: 29 Sep 2025 13:43

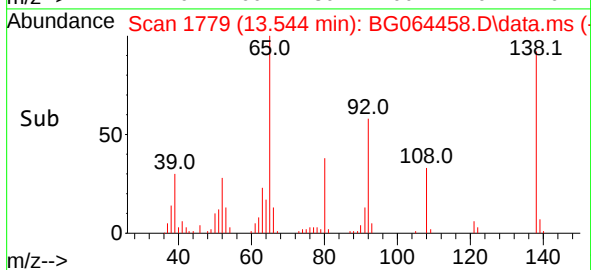
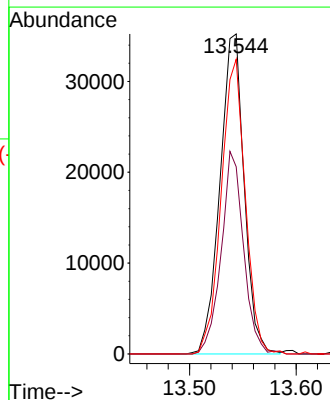
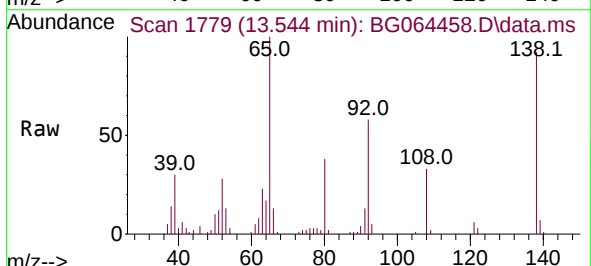
Tgt Ion: 65 Resp: 55674

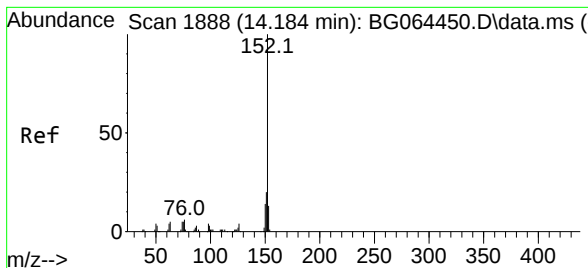
Ion Ratio Lower Upper

65 100

92 58.5 50.6 75.8

138 92.1 76.4 114.6





#49

Acenaphthylene

Concen: 51.895 ng

RT: 14.184 min Scan# 1888

Delta R.T. 0.001 min

Lab File: BG064458.D

Acq: 29 Sep 2025 13:43

Instrument :

BNA\_G

ClientSampleId :

PB169873BS

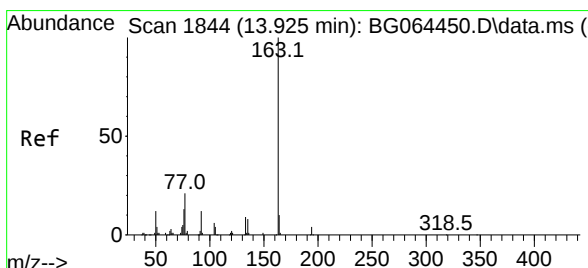
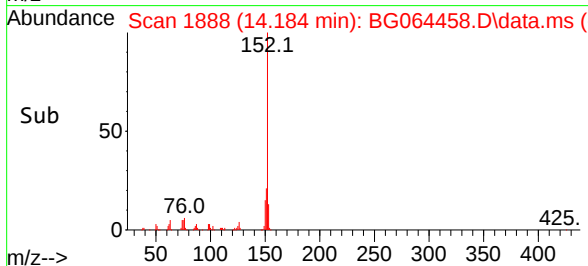
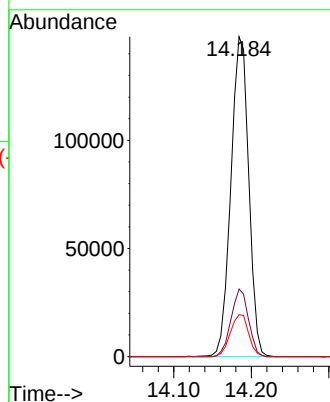
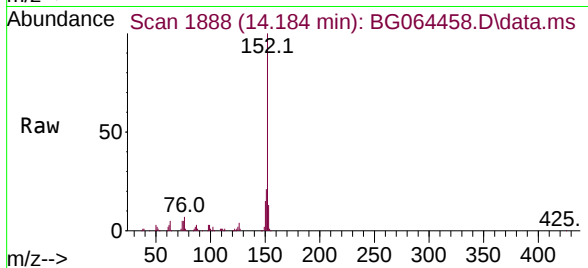
Tgt Ion:152 Resp: 236293

Ion Ratio Lower Upper

152 100

151 21.1 16.3 24.5

153 13.1 10.6 16.0



#50

Dimethylphthalate

Concen: 45.550 ng

RT: 13.926 min Scan# 1844

Delta R.T. 0.001 min

Lab File: BG064458.D

Acq: 29 Sep 2025 13:43

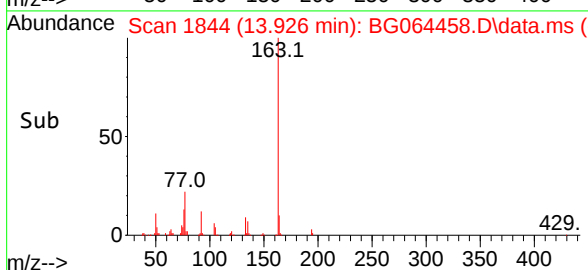
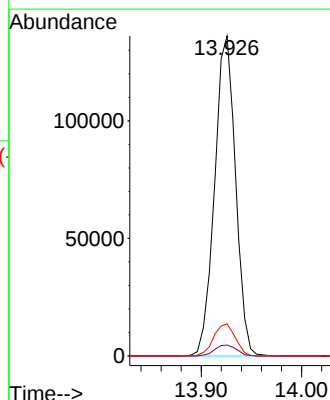
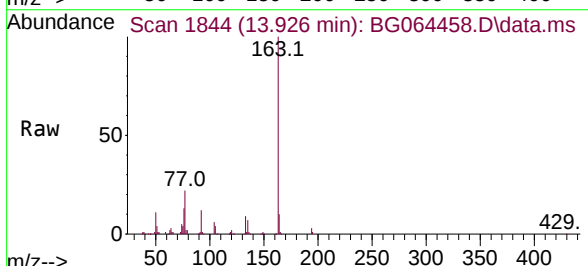
Tgt Ion:163 Resp: 197401

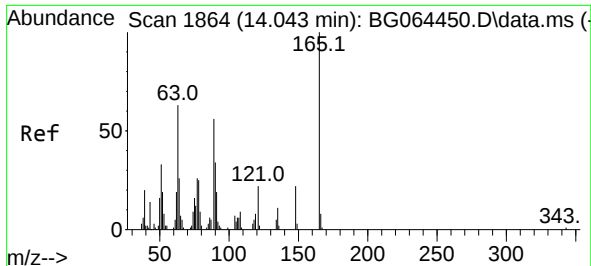
Ion Ratio Lower Upper

163 100

194 3.4 3.0 4.4

164 10.0 8.2 12.2

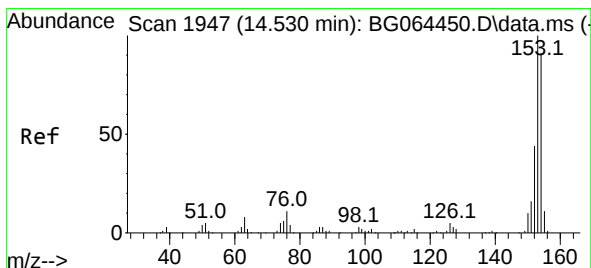
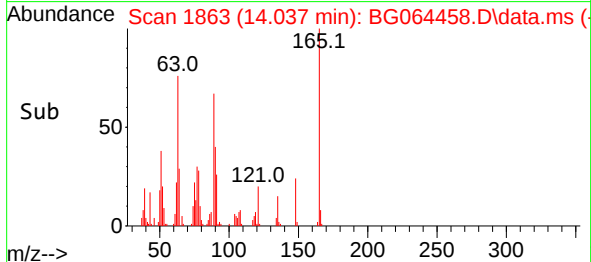
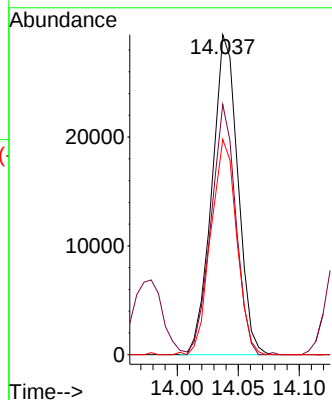
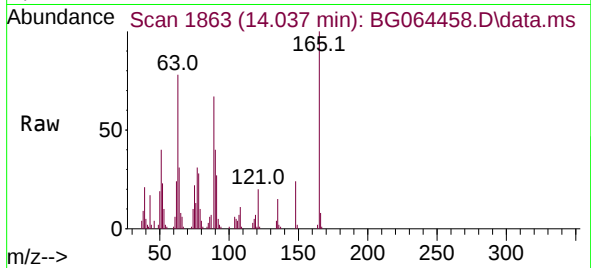




#51  
2,6-Dinitrotoluene  
Concen: 47.638 ng  
RT: 14.037 min Scan# 1863  
Delta R.T. -0.005 min  
Lab File: BG064458.D  
Acq: 29 Sep 2025 13:43

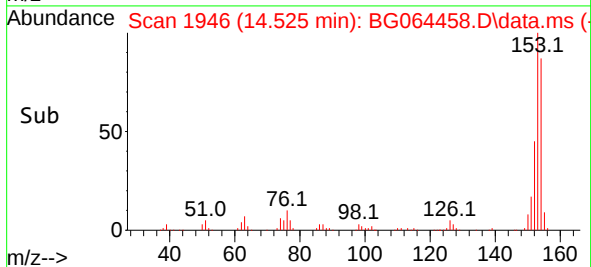
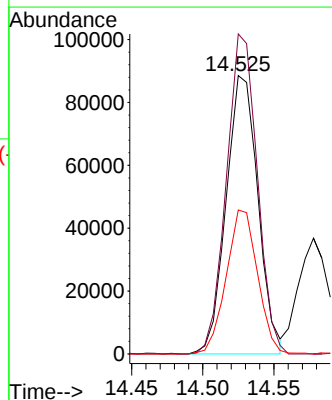
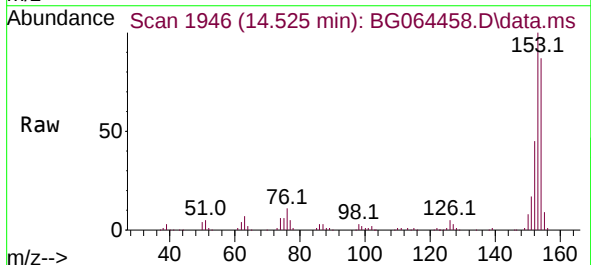
Instrument :  
BNA\_G  
ClientSampleId :  
PB169873BS

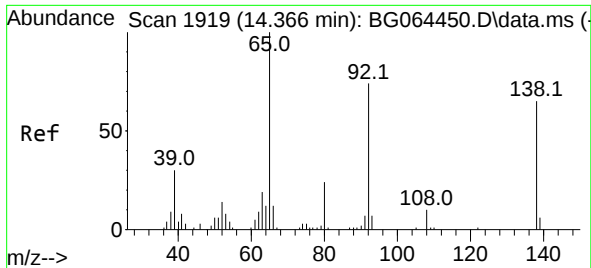
Tgt Ion:165 Resp: 43363  
Ion Ratio Lower Upper  
165 100  
63 78.2 50.6 75.8#  
89 67.2 44.6 67.0#



#52  
Acenaphthene  
Concen: 44.224 ng  
RT: 14.525 min Scan# 1946  
Delta R.T. -0.005 min  
Lab File: BG064458.D  
Acq: 29 Sep 2025 13:43

Tgt Ion:154 Resp: 137804  
Ion Ratio Lower Upper  
154 100  
153 115.0 88.1 132.1  
152 51.7 39.0 58.4

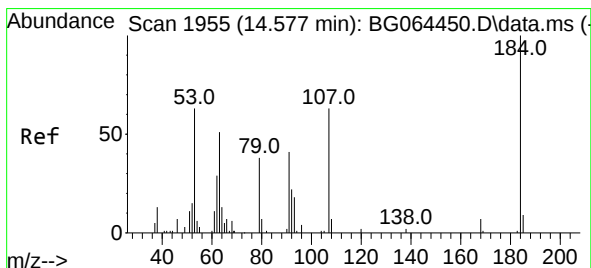
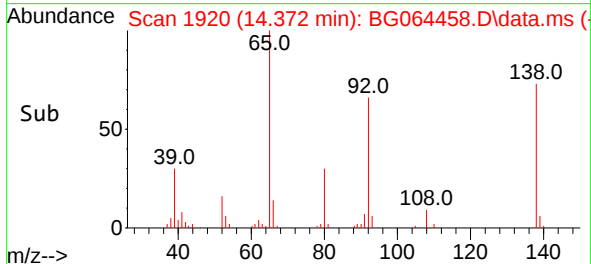
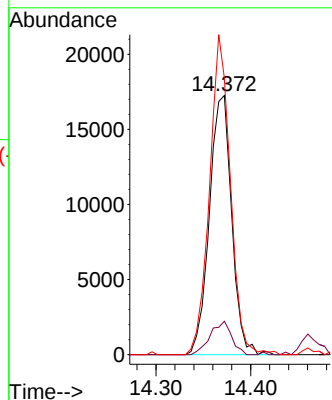
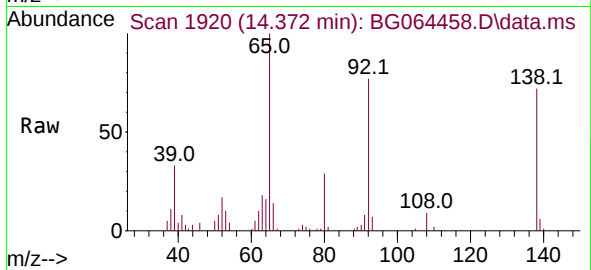




#53  
3-Nitroaniline  
Concen: 32.714 ng  
RT: 14.372 min Scan# 1919  
Delta R.T. 0.006 min  
Lab File: BG064458.D  
Acq: 29 Sep 2025 13:43

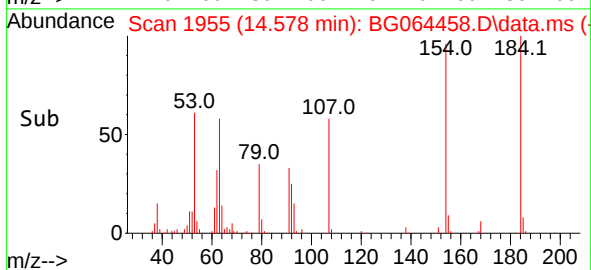
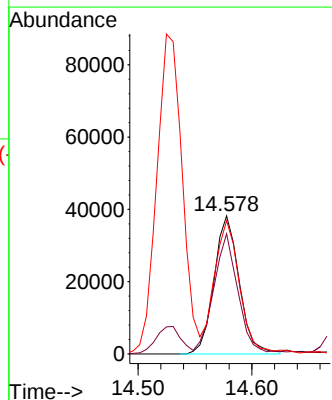
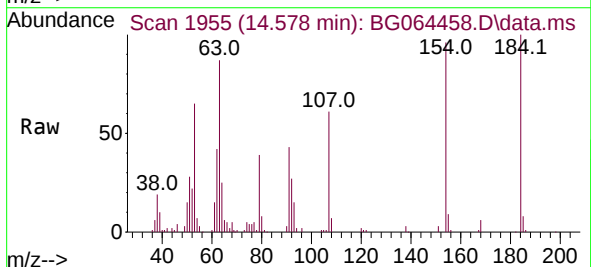
Instrument :  
BNA\_G  
ClientSampleId :  
PB169873BS

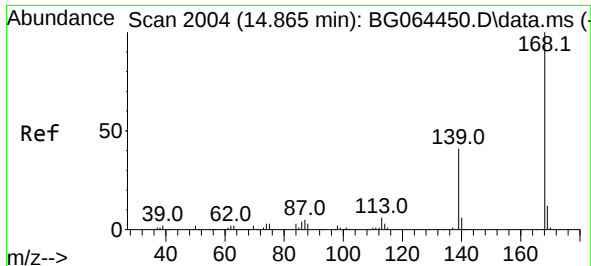
Tgt Ion:138 Resp: 28217  
Ion Ratio Lower Upper  
138 100  
108 12.9 12.4 18.6  
92 106.7 91.0 136.6



#54  
2,4-Dinitrophenol  
Concen: 96.637 ng  
RT: 14.578 min Scan# 1955  
Delta R.T. 0.001 min  
Lab File: BG064458.D  
Acq: 29 Sep 2025 13:43

Tgt Ion:184 Resp: 58420  
Ion Ratio Lower Upper  
184 100  
63 87.1 69.8 104.8  
154 96.5 74.2 111.4

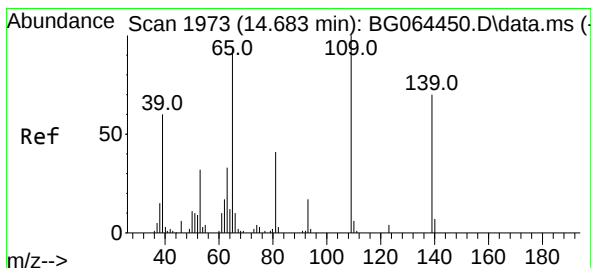
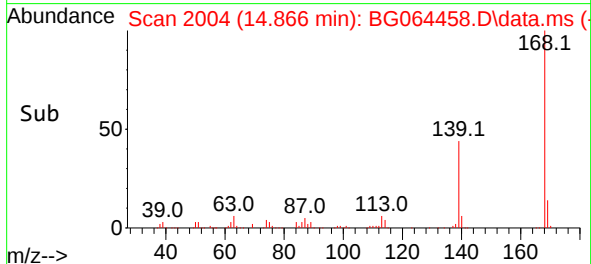
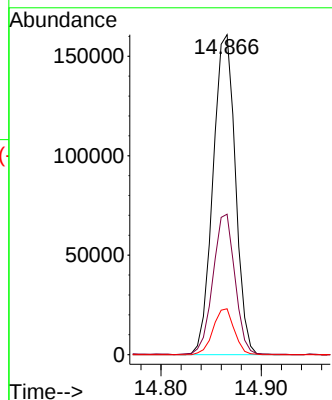
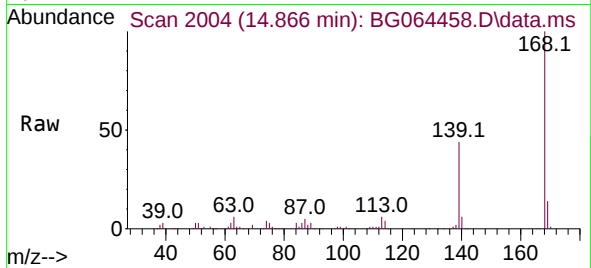




#55  
Dibenzenofuran  
Concen: 48.297 ng  
RT: 14.866 min Scan# 2004  
Delta R.T. 0.001 min  
Lab File: BG064458.D  
Acq: 29 Sep 2025 13:43

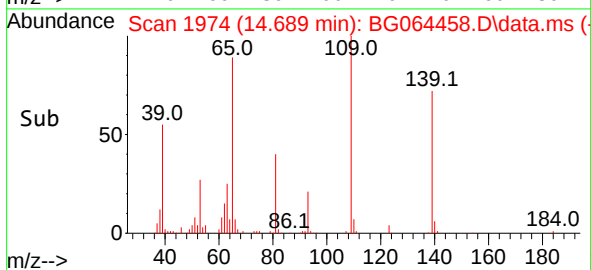
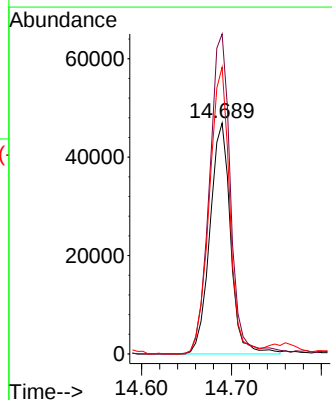
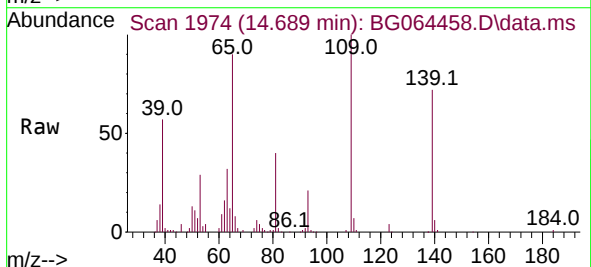
Instrument :  
BNA\_G  
ClientSampleId :  
PB169873BS

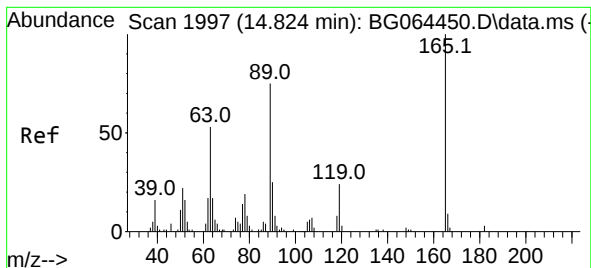
Tgt Ion:168 Resp: 249526  
Ion Ratio Lower Upper  
168 100  
139 43.9 33.3 49.9  
169 14.3 9.9 14.9



#56  
4-Nitrophenol  
Concen: 107.139 ng  
RT: 14.689 min Scan# 1974  
Delta R.T. 0.006 min  
Lab File: BG064458.D  
Acq: 29 Sep 2025 13:43

Tgt Ion:139 Resp: 74802  
Ion Ratio Lower Upper  
139 100  
109 138.6 122.5 162.5  
65 124.2 113.0 153.0

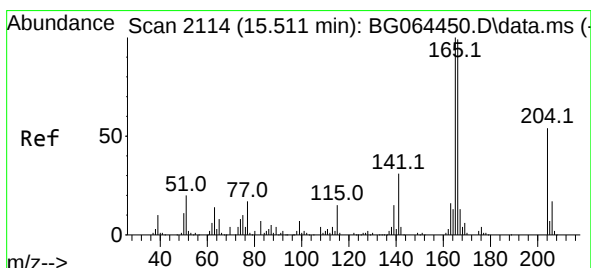
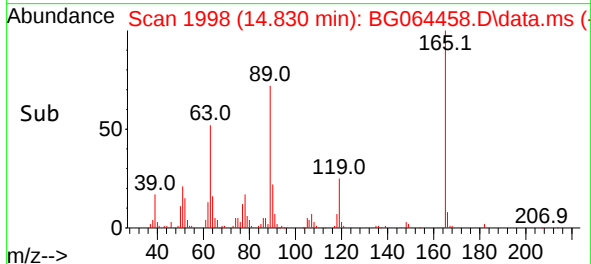
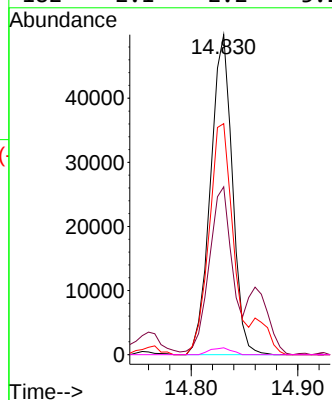
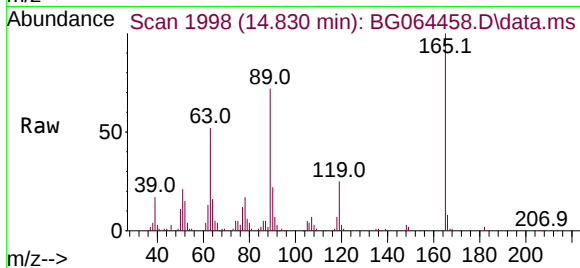




#57  
2,4-Dinitrotoluene  
Concen: 51.210 ng  
RT: 14.830 min Scan# 1997  
Delta R.T. 0.006 min  
Lab File: BG064458.D  
Acq: 29 Sep 2025 13:43

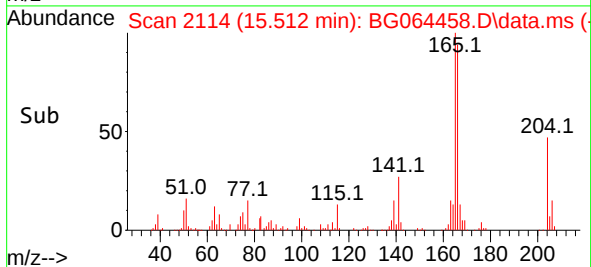
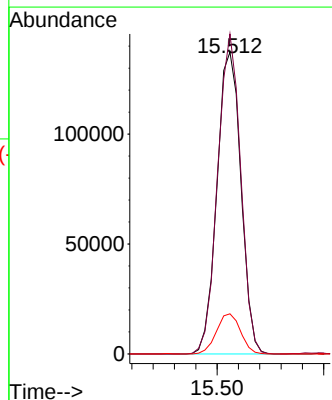
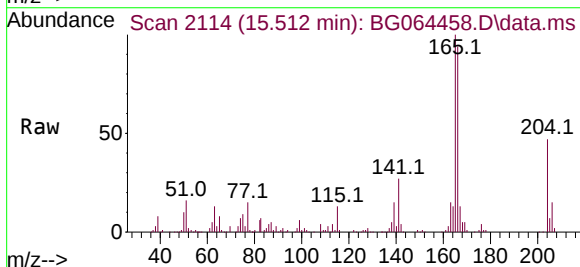
Instrument :  
BNA\_G  
ClientSampleId :  
PB169873BS

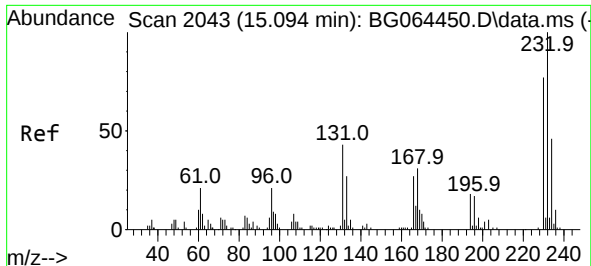
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 165   | Resp: | 71163 |
| Ion Ratio | Lower | Upper |       |
| 165       | 100   |       |       |
| 63        | 52.4  | 42.6  | 63.8  |
| 89        | 72.2  | 59.7  | 89.5  |
| 182       | 2.1   | 2.2   | 3.2   |



#58  
Fluorene  
Concen: 50.336 ng  
RT: 15.512 min Scan# 2114  
Delta R.T. 0.001 min  
Lab File: BG064458.D  
Acq: 29 Sep 2025 13:43

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 166   | Resp: | 214681 |
| Ion Ratio | Lower | Upper |        |
| 166       | 100   |       |        |
| 165       | 106.0 | 81.1  | 121.7  |
| 167       | 13.3  | 10.9  | 16.3   |

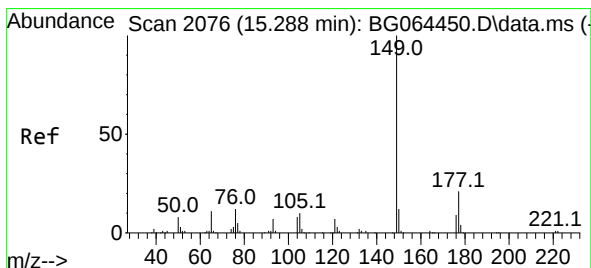
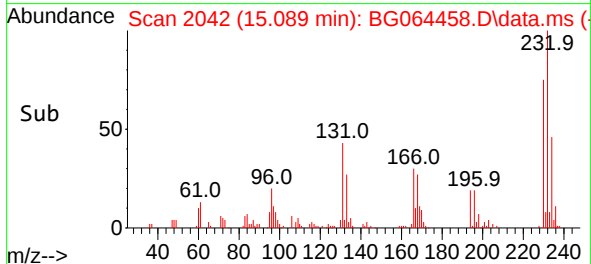
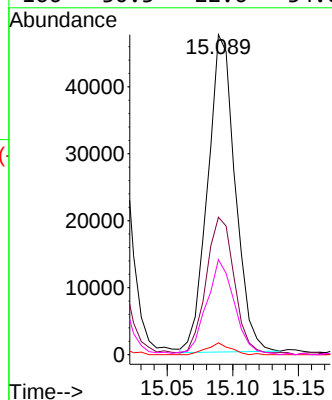
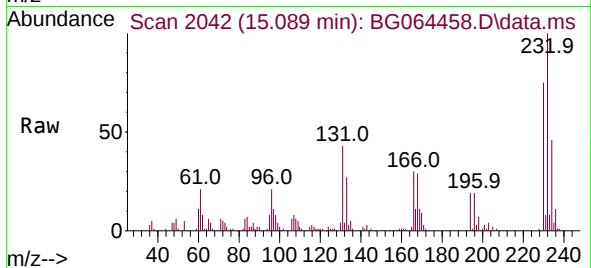




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 53.856 ng  
RT: 15.089 min Scan# 2042  
Delta R.T. -0.005 min  
Lab File: BG064458.D  
Acq: 29 Sep 2025 13:43

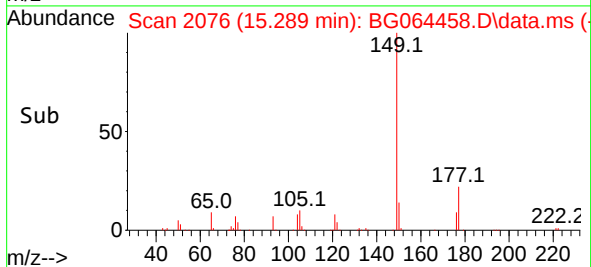
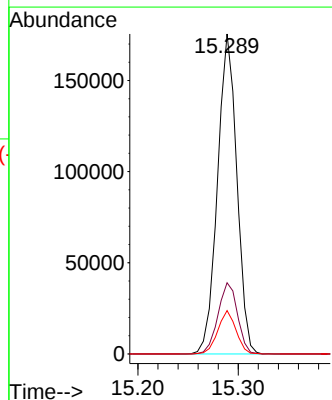
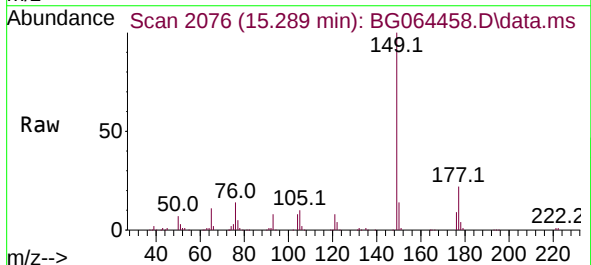
Instrument :  
BNA\_G  
ClientSampleId :  
PB169873BS

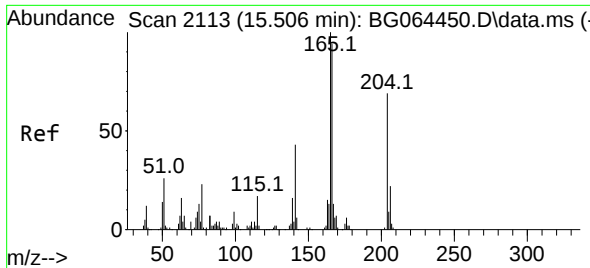
Tgt Ion:232 Resp: 69104  
Ion Ratio Lower Upper  
232 100  
131 44.8 34.3 51.5  
130 3.2 2.3 3.5  
166 30.3 22.6 34.0



#60  
Diethylphthalate  
Concen: 50.354 ng  
RT: 15.289 min Scan# 2076  
Delta R.T. 0.001 min  
Lab File: BG064458.D  
Acq: 29 Sep 2025 13:43

Tgt Ion:149 Resp: 235131  
Ion Ratio Lower Upper  
149 100  
177 22.2 17.1 25.7  
150 13.5 9.5 14.3

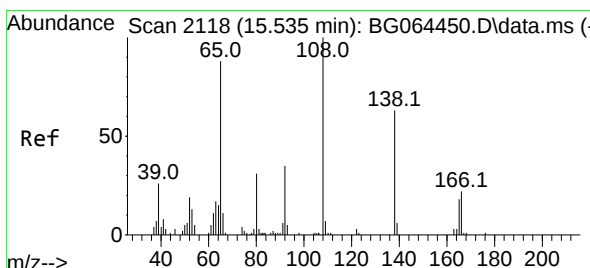
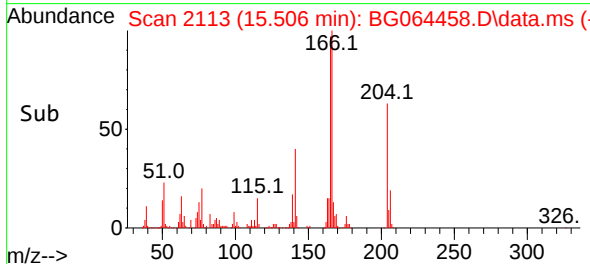
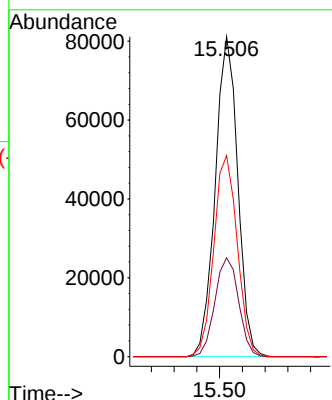
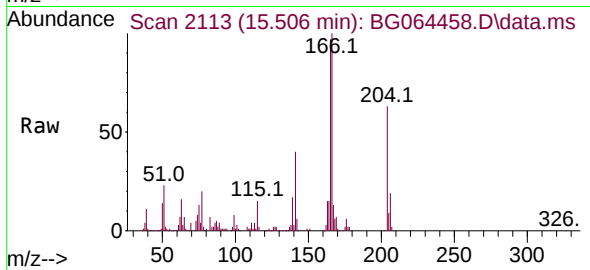




#61  
4-Chlorophenyl-phenylether  
Concen: 47.973 ng  
RT: 15.506 min Scan# 2113  
Delta R.T. 0.001 min  
Lab File: BG064458.D  
Acq: 29 Sep 2025 13:43

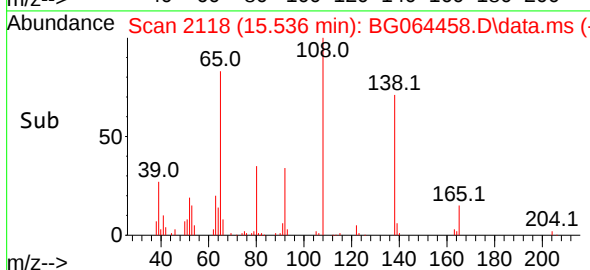
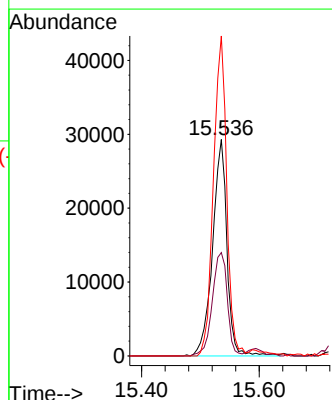
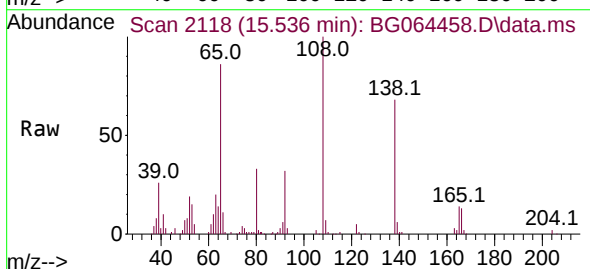
Instrument :  
BNA\_G  
ClientSampleId :  
PB169873BS

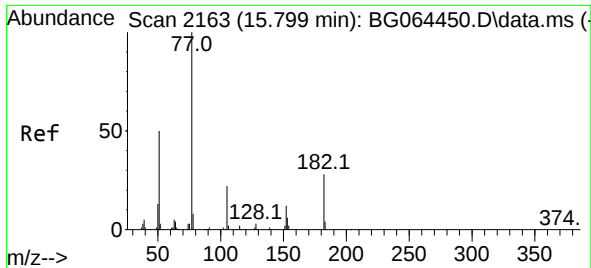
Tgt Ion:204 Resp: 111727  
Ion Ratio Lower Upper  
204 100  
206 30.9 25.0 37.6  
141 62.8 49.7 74.5



#62  
4-Nitroaniline  
Concen: 53.941 ng  
RT: 15.536 min Scan# 2118  
Delta R.T. 0.001 min  
Lab File: BG064458.D  
Acq: 29 Sep 2025 13:43

Tgt Ion:138 Resp: 49889  
Ion Ratio Lower Upper  
138 100  
92 47.7 35.0 75.0  
108 147.8 137.5 177.5

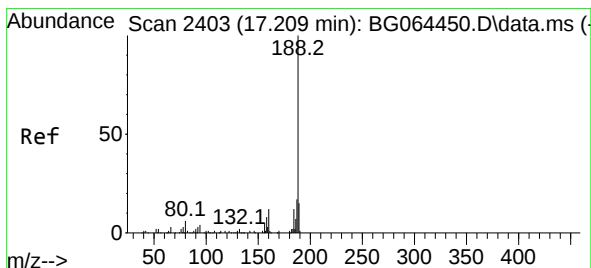
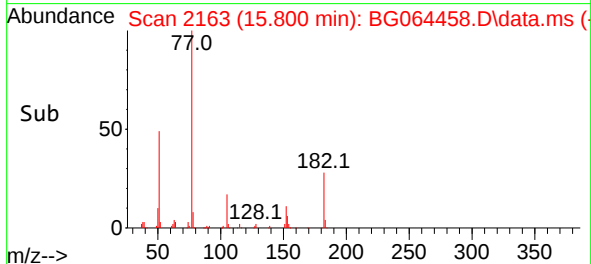
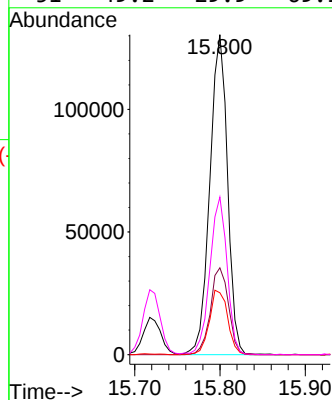
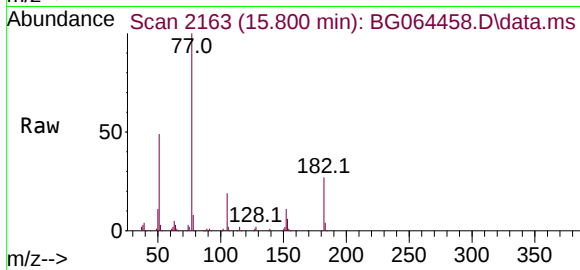




#63  
 Azobenzene  
 Concen: 51.245 ng  
 RT: 15.800 min Scan# 2163  
 Delta R.T. 0.001 min  
 Lab File: BG064458.D  
 Acq: 29 Sep 2025 13:43

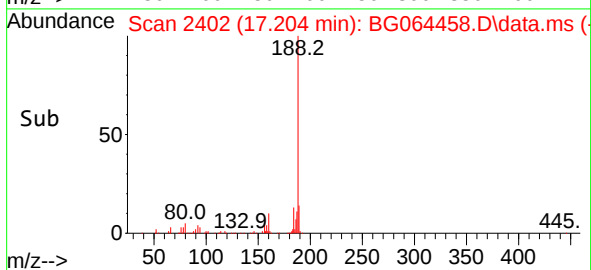
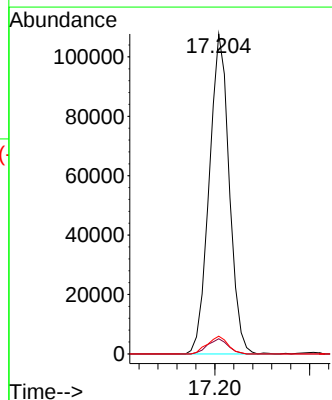
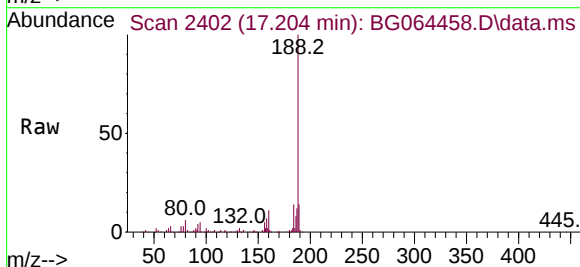
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB169873BS

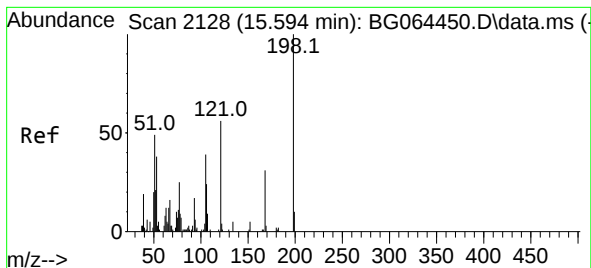
|             |              |
|-------------|--------------|
| Tgt Ion: 77 | Resp: 187246 |
| Ion Ratio   | Lower Upper  |
| 77 100      |              |
| 182 27.1    | 8.1 48.1     |
| 105 19.3    | 1.9 41.9     |
| 51 49.2     | 29.9 69.9    |



#64  
 Phenanthrene-d10  
 Concen: 20.000 ng  
 RT: 17.204 min Scan# 2402  
 Delta R.T. -0.005 min  
 Lab File: BG064458.D  
 Acq: 29 Sep 2025 13:43

|              |              |
|--------------|--------------|
| Tgt Ion: 188 | Resp: 158000 |
| Ion Ratio    | Lower Upper  |
| 188 100      |              |
| 94 4.7       | 3.0 4.4#     |
| 80 5.5       | 4.9 7.3      |

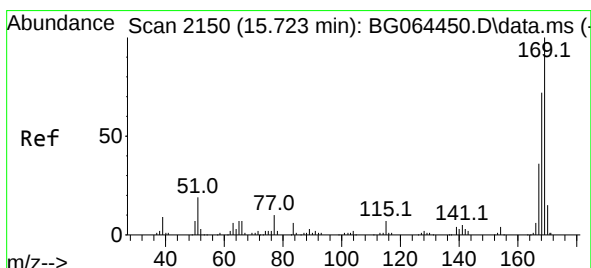
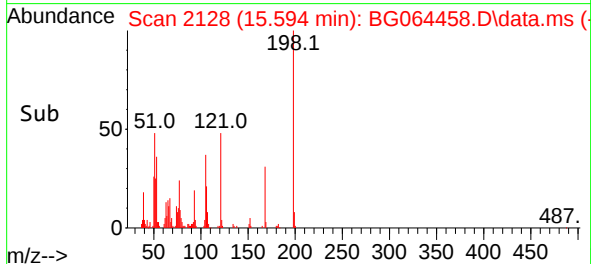
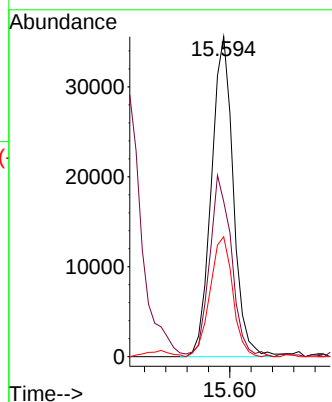
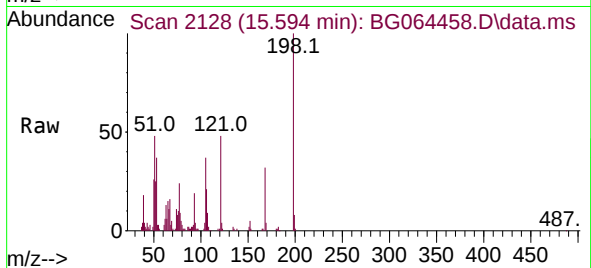




#65  
4,6-Dinitro-2-methylphenol  
Concen: 46.968 ng  
RT: 15.594 min Scan# 2128  
Delta R.T. 0.001 min  
Lab File: BG064458.D  
Acq: 29 Sep 2025 13:43

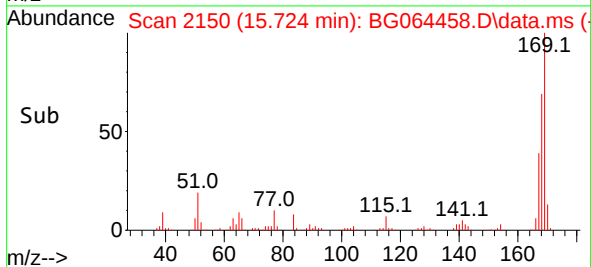
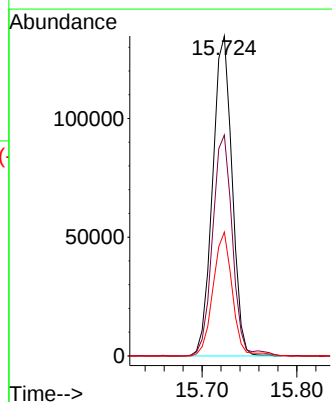
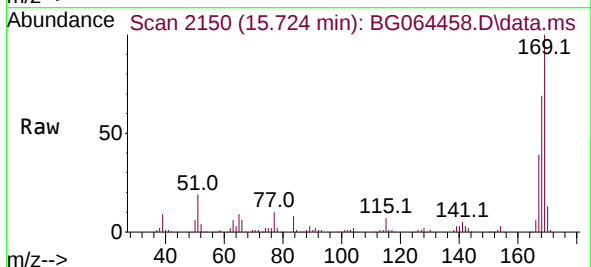
Instrument :  
BNA\_G  
ClientSampleId :  
PB169873BS

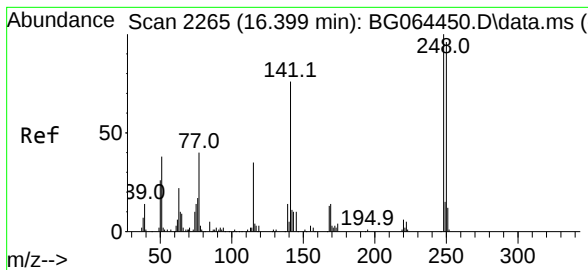
Tgt Ion:198 Resp: 50834  
Ion Ratio Lower Upper  
198 100  
51 48.4 30.8 70.8  
105 37.4 19.3 59.3



#66  
n-Nitrosodiphenylamine  
Concen: 45.584 ng  
RT: 15.724 min Scan# 2150  
Delta R.T. 0.001 min  
Lab File: BG064458.D  
Acq: 29 Sep 2025 13:43

Tgt Ion:169 Resp: 192189  
Ion Ratio Lower Upper  
169 100  
168 69.0 57.7 86.5  
167 38.7 28.6 42.8

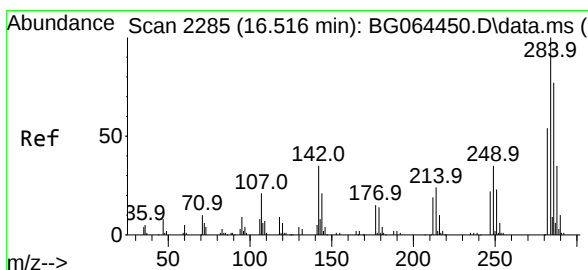
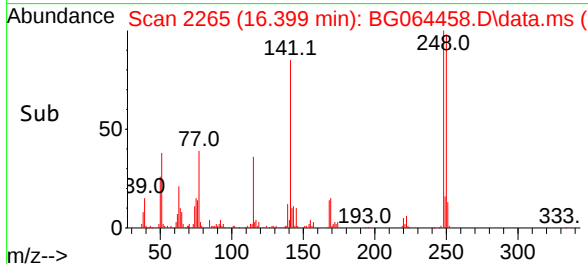
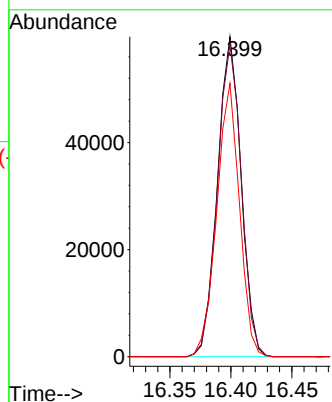
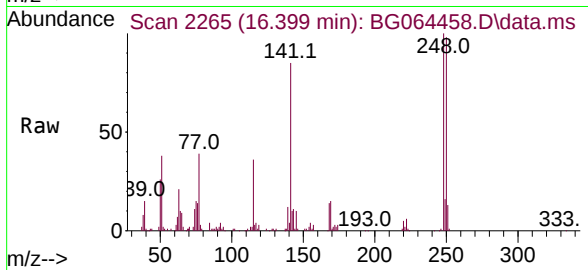




#67  
4-Bromophenyl-phenylether  
Concen: 43.644 ng  
RT: 16.399 min Scan# 2265  
Delta R.T. 0.001 min  
Lab File: BG064458.D  
Acq: 29 Sep 2025 13:43

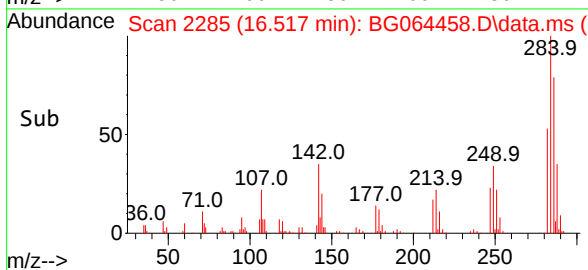
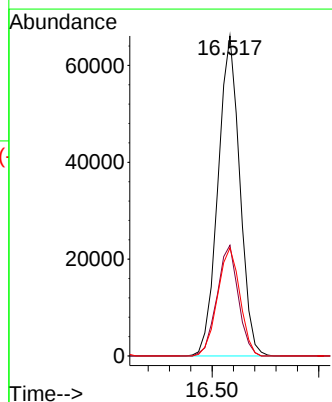
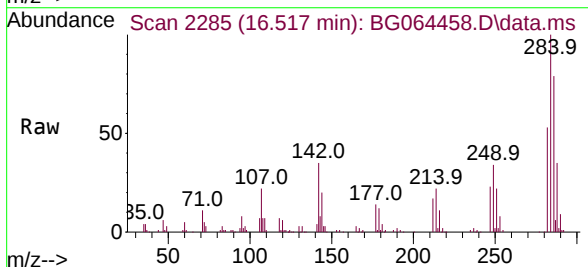
Instrument :  
BNA\_G  
ClientSampleId :  
PB169873BS

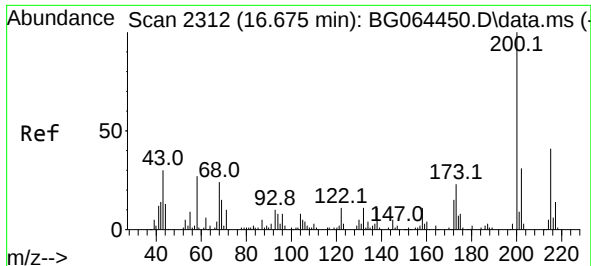
Tgt Ion:248 Resp: 80799  
Ion Ratio Lower Upper  
248 100  
250 97.6 77.0 115.6  
141 85.3 61.1 91.7



#68  
Hexachlorobenzene  
Concen: 44.498 ng  
RT: 16.517 min Scan# 2285  
Delta R.T. 0.001 min  
Lab File: BG064458.D  
Acq: 29 Sep 2025 13:43

Tgt Ion:284 Resp: 93751  
Ion Ratio Lower Upper  
284 100  
142 34.6 27.9 41.9  
249 33.7 27.7 41.5

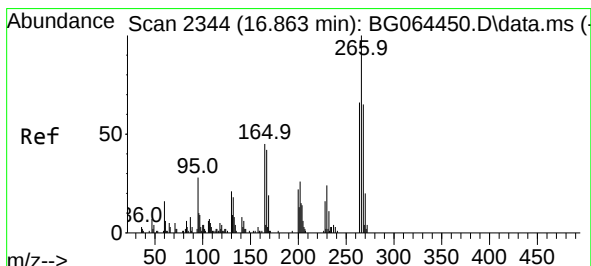
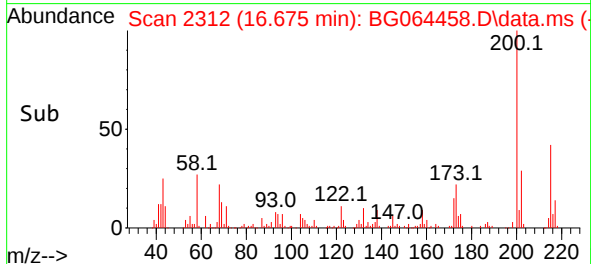
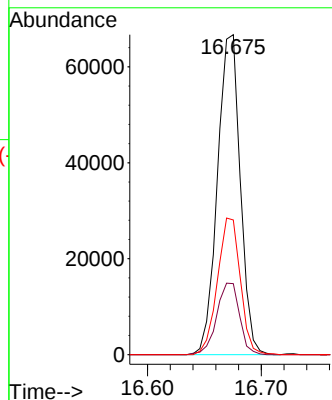
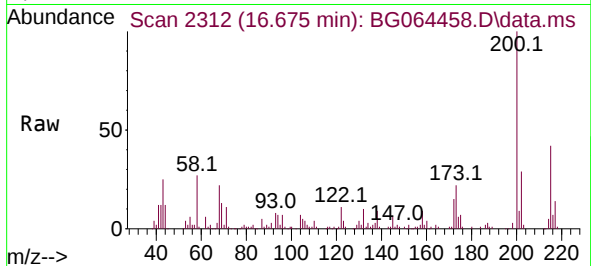




#69  
 Atrazine  
 Concen: 48.530 ng  
 RT: 16.675 min Scan# 2312  
 Delta R.T. 0.001 min  
 Lab File: BG064458.D  
 Acq: 29 Sep 2025 13:43

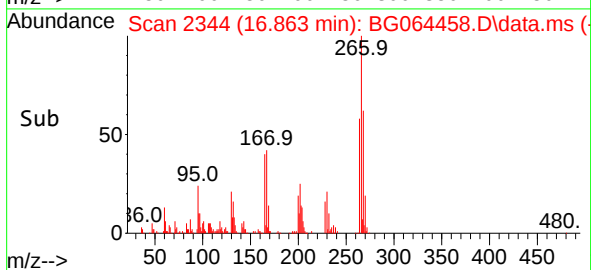
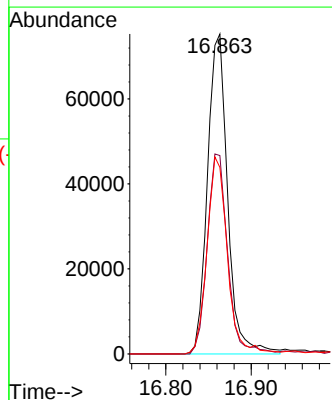
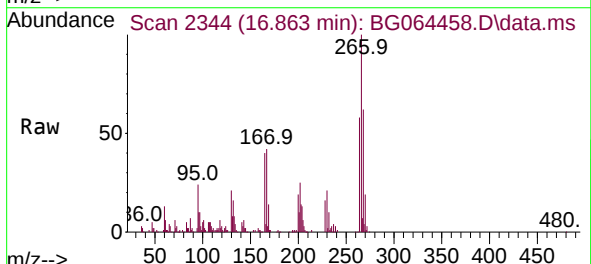
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB169873BS

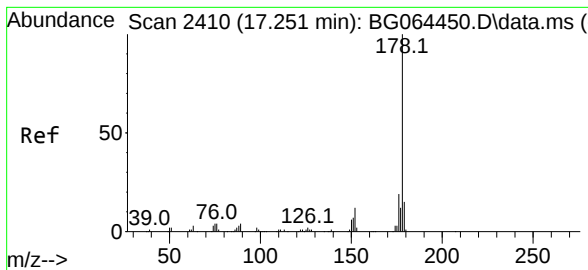
Tgt Ion:200 Resp: 92960  
 Ion Ratio Lower Upper  
 200 100  
 173 22.2 2.9 42.9  
 215 42.1 21.1 61.1



#70  
 Pentachlorophenol  
 Concen: 97.041 ng  
 RT: 16.863 min Scan# 2344  
 Delta R.T. 0.001 min  
 Lab File: BG064458.D  
 Acq: 29 Sep 2025 13:43

Tgt Ion:266 Resp: 123386  
 Ion Ratio Lower Upper  
 266 100  
 268 62.0 51.9 77.9  
 264 58.3 52.4 78.6

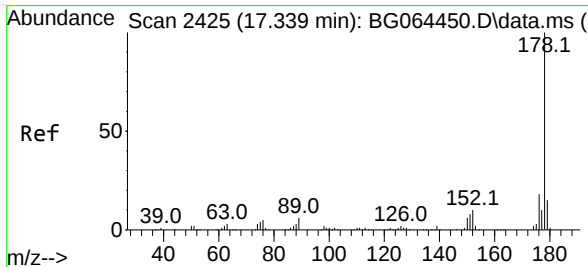
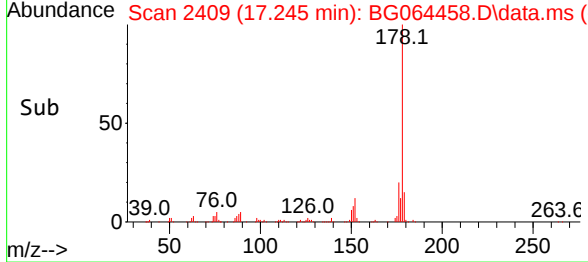
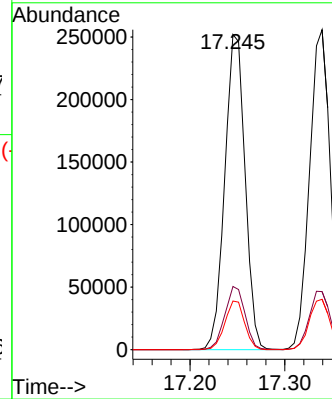
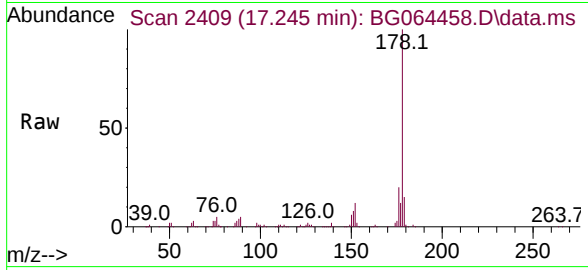




#71  
Phenanthrene  
Concen: 45.658 ng  
RT: 17.245 min Scan# 2410  
Delta R.T. -0.005 min  
Lab File: BG064458.D  
Acq: 29 Sep 2025 13:43

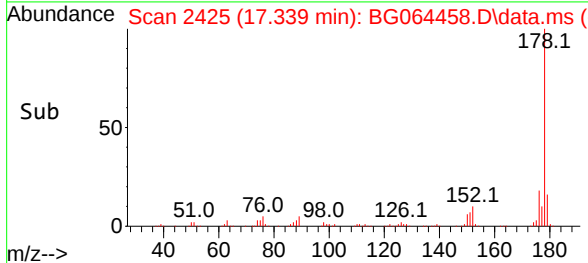
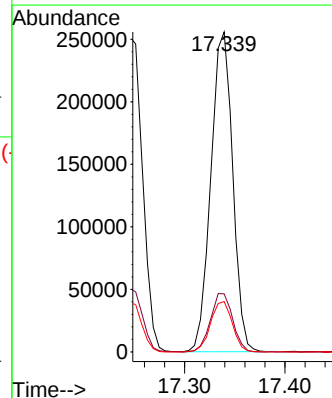
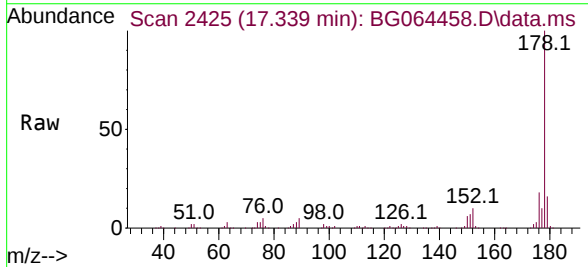
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BNA\_G  
ClientSampleId :  
PB169873BS

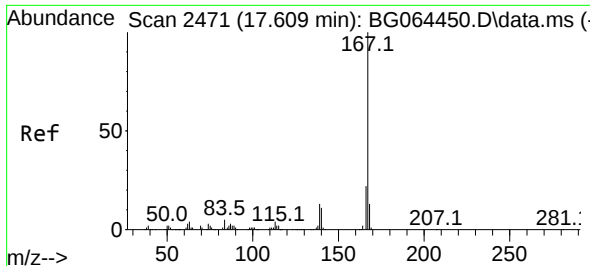
|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:178 | Resp: | 374963    |
| Ion Ratio   | Lower | Upper     |
| 178         | 100   |           |
| 176         | 20.1  | 14.9 22.3 |
| 179         | 15.4  | 12.4 18.6 |



#72  
Anthracene  
Concen: 46.198 ng  
RT: 17.339 min Scan# 2425  
Delta R.T. 0.001 min  
Lab File: BG064458.D  
Acq: 29 Sep 2025 13:43

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:178 | Resp: | 386348    |
| Ion Ratio   | Lower | Upper     |
| 178         | 100   |           |
| 176         | 18.1  | 14.5 21.7 |
| 179         | 15.7  | 11.9 17.9 |

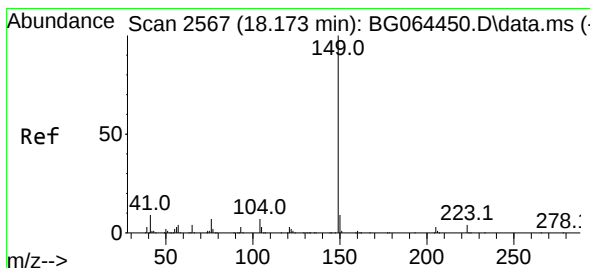
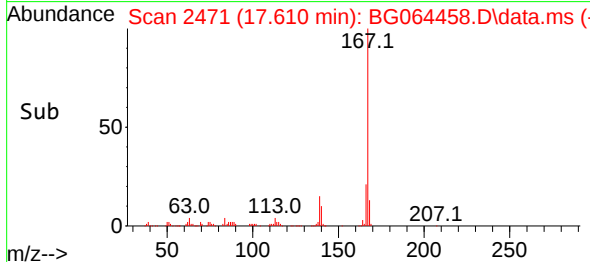
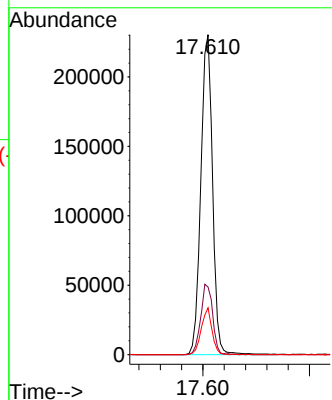
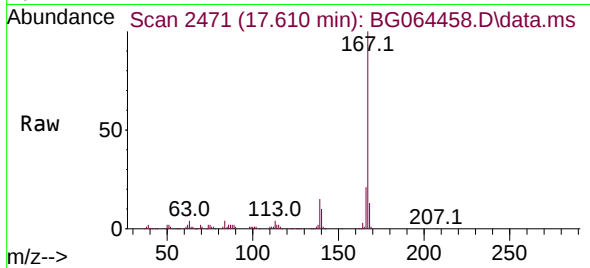




#73  
 Carbazole  
 Concen: 47.701 ng  
 RT: 17.610 min Scan# 2471  
 Delta R.T. 0.001 min  
 Lab File: BG064458.D  
 Acq: 29 Sep 2025 13:43

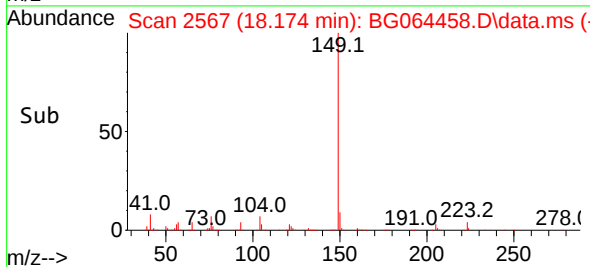
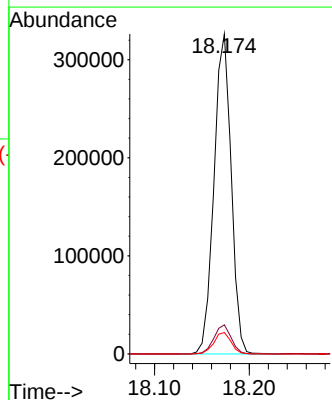
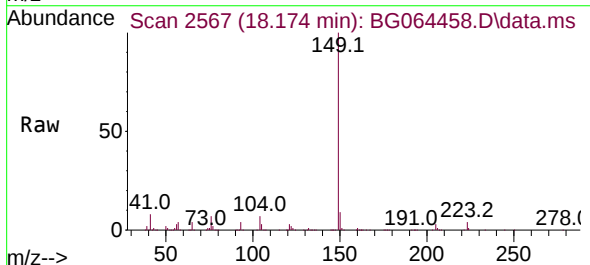
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB169873BS

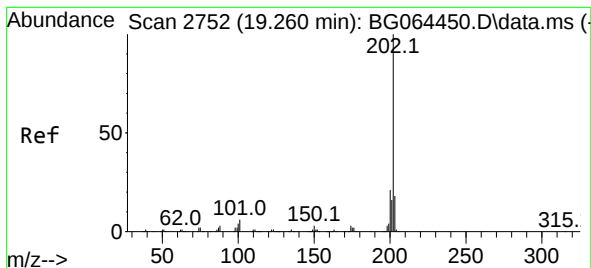
Tgt Ion:167 Resp: 349967  
 Ion Ratio Lower Upper  
 167 100  
 166 21.1 17.4 26.2  
 139 14.6 10.2 15.2



#74  
 Di-n-butylphthalate  
 Concen: 45.709 ng  
 RT: 18.174 min Scan# 2567  
 Delta R.T. 0.001 min  
 Lab File: BG064458.D  
 Acq: 29 Sep 2025 13:43

Tgt Ion:149 Resp: 410208  
 Ion Ratio Lower Upper  
 149 100  
 150 9.1 7.3 10.9  
 104 6.7 5.8 8.8

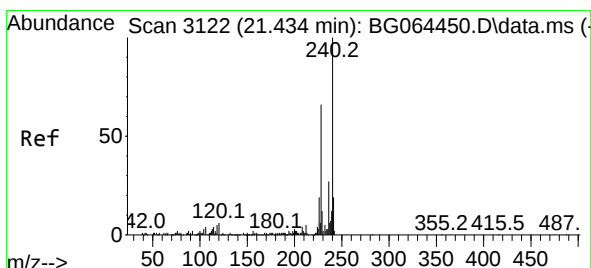
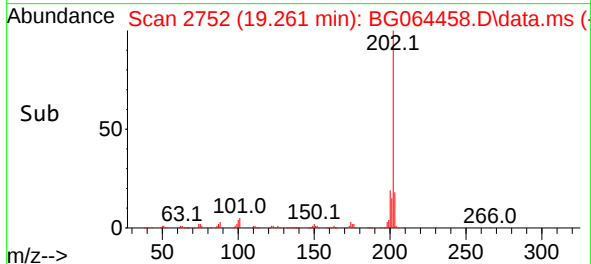
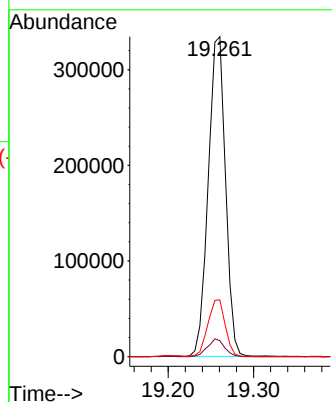
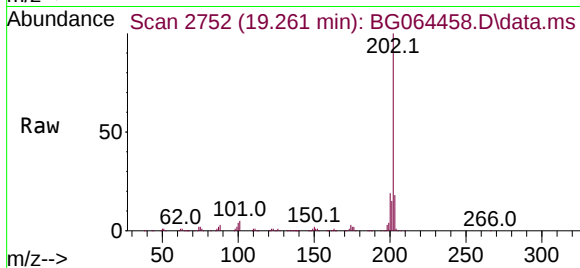




#75  
Fluoranthene  
Concen: 45.258 ng  
RT: 19.261 min Scan# 21  
Delta R.T. 0.001 min  
Lab File: BG064458.D  
Acq: 29 Sep 2025 13:43

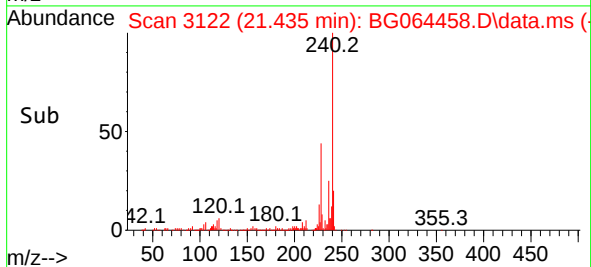
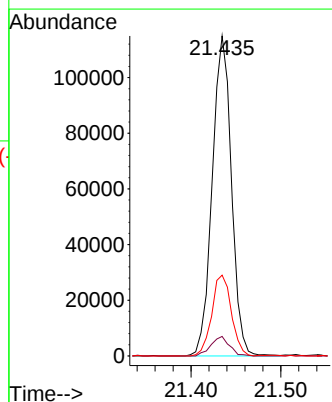
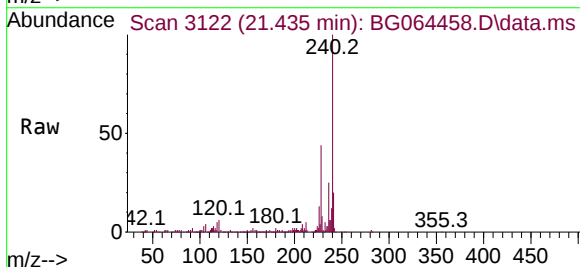
Instrument :  
BNA\_G  
ClientSampleId :  
PB169873BS

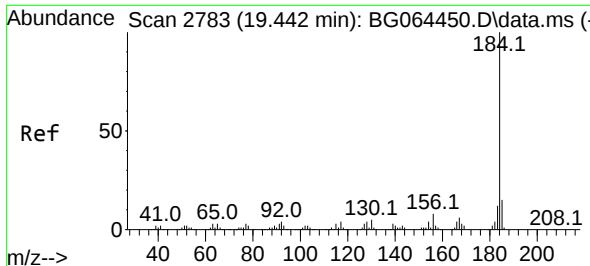
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 202   | Resp: | 469350 |
| Ion      | Ratio | Lower | Upper  |
| 202      | 100   |       |        |
| 101      | 5.0   | 0.0   | 25.6   |
| 203      | 17.7  | 0.0   | 37.7   |



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.435 min Scan# 3122  
Delta R.T. 0.001 min  
Lab File: BG064458.D  
Acq: 29 Sep 2025 13:43

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 240   | Resp: | 171068 |
| Ion      | Ratio | Lower | Upper  |
| 240      | 100   |       |        |
| 120      | 6.1   | 5.0   | 7.4    |
| 236      | 25.2  | 21.9  | 32.9   |

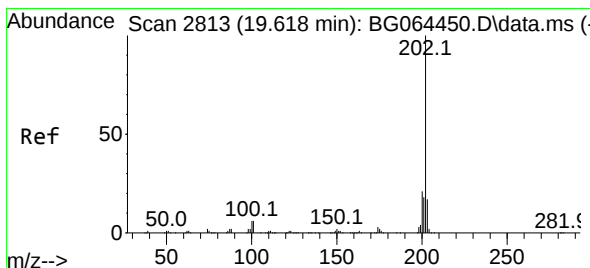
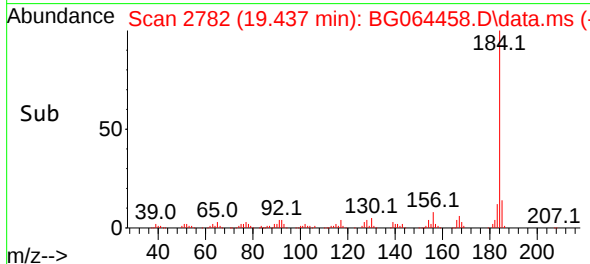
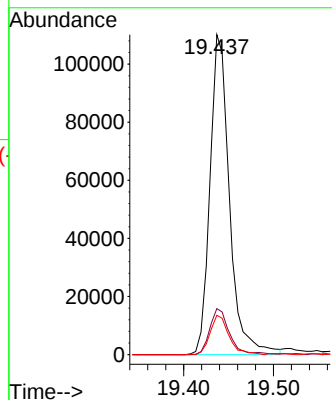
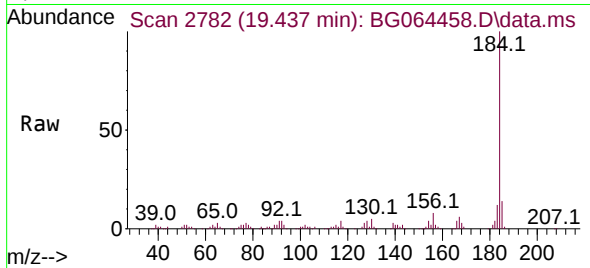




#77  
Benzidine  
Concen: 37.144 ng  
RT: 19.437 min Scan# 21  
Delta R.T. -0.005 min  
Lab File: BG064458.D  
Acq: 29 Sep 2025 13:43

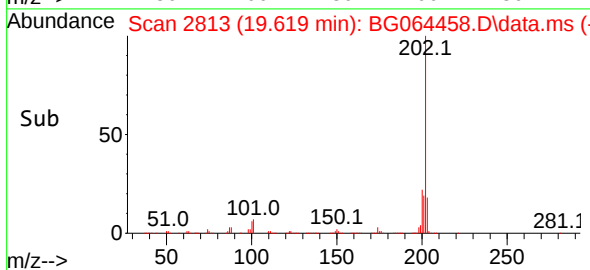
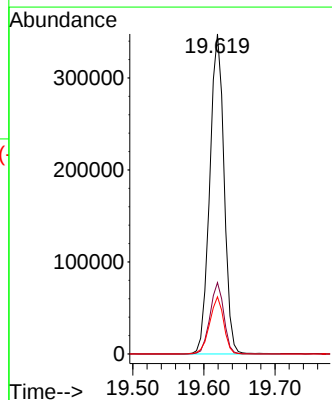
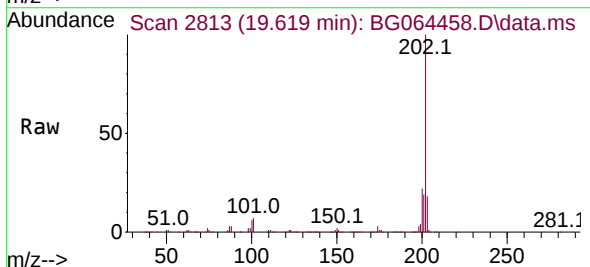
Instrument :  
BNA\_G  
ClientSampleId :  
PB169873BS

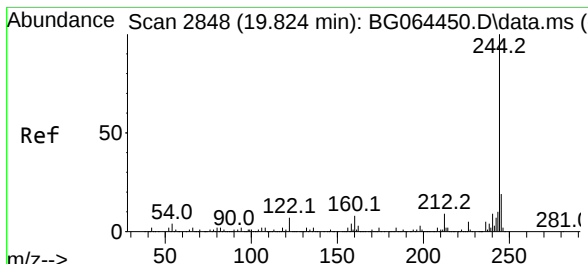
Tgt Ion:184 Resp: 166365  
Ion Ratio Lower Upper  
184 100  
185 14.4 11.7 17.5  
183 12.3 10.0 15.0



#78  
Pyrene  
Concen: 45.647 ng  
RT: 19.619 min Scan# 2813  
Delta R.T. 0.001 min  
Lab File: BG064458.D  
Acq: 29 Sep 2025 13:43

Tgt Ion:202 Resp: 484527  
Ion Ratio Lower Upper  
202 100  
200 22.3 17.1 25.7  
203 17.8 13.8 20.6

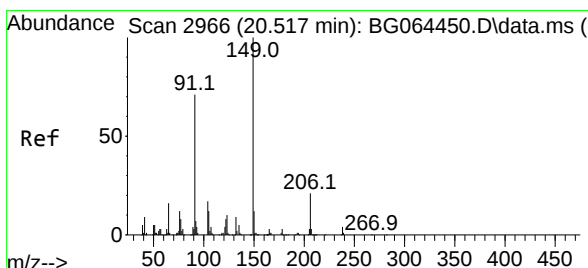
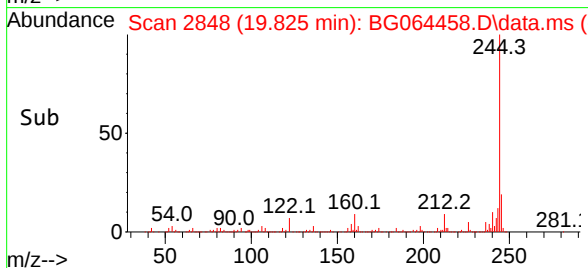
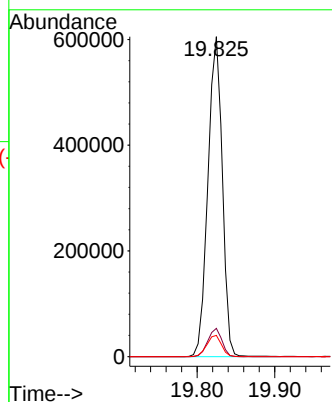
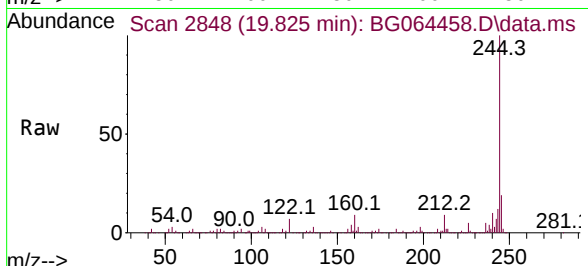




#79  
 Terphenyl-d14  
 Concen: 89.704 ng  
 RT: 19.825 min Scan# 2848  
 Delta R.T. 0.001 min  
 Lab File: BG064458.D  
 Acq: 29 Sep 2025 13:43

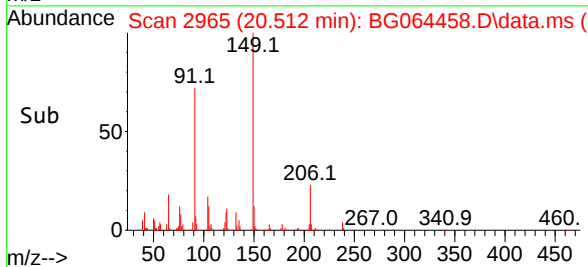
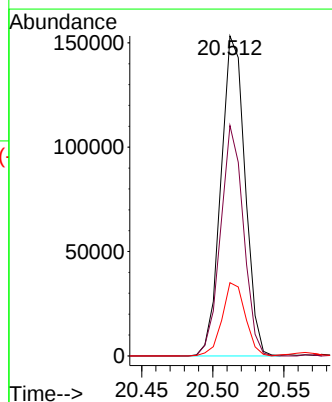
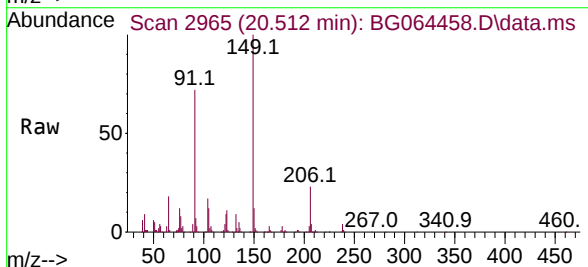
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB169873BS

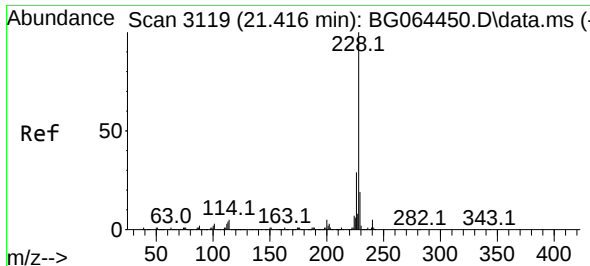
Tgt Ion:244 Resp: 778450  
 Ion Ratio Lower Upper  
 244 100  
 212 8.8 7.2 10.8  
 122 6.6 5.7 8.5



#80  
 Butylbenzylphthalate  
 Concen: 45.637 ng  
 RT: 20.512 min Scan# 2965  
 Delta R.T. -0.005 min  
 Lab File: BG064458.D  
 Acq: 29 Sep 2025 13:43

Tgt Ion:149 Resp: 181061  
 Ion Ratio Lower Upper  
 149 100  
 91 72.0 56.6 84.8  
 206 22.9 16.8 25.2

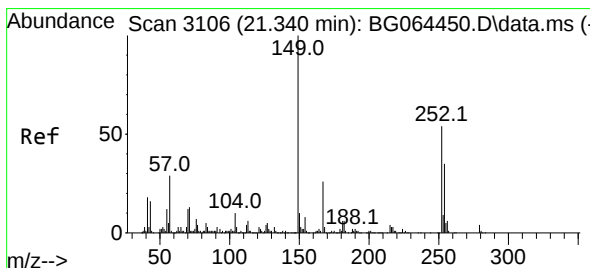
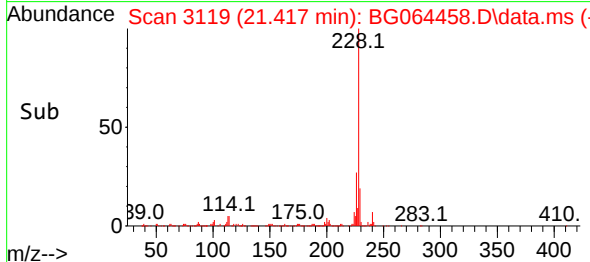
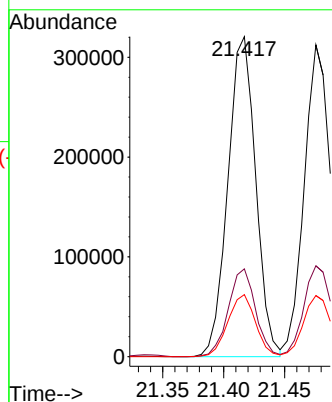
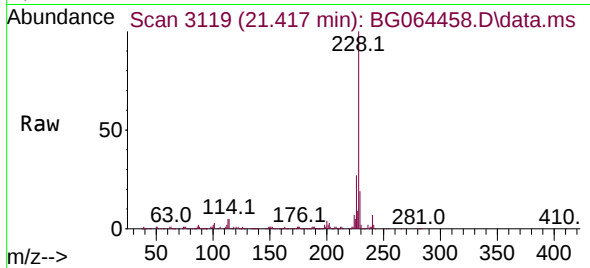




#81  
Benzo(a)anthracene  
Concen: 46.503 ng  
RT: 21.417 min Scan# 3119  
Delta R.T. 0.001 min  
Lab File: BG064458.D  
Acq: 29 Sep 2025 13:43

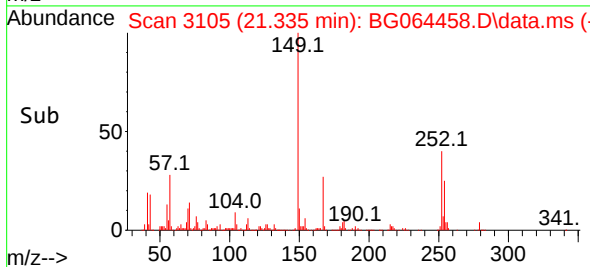
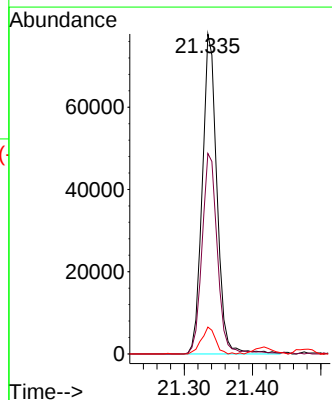
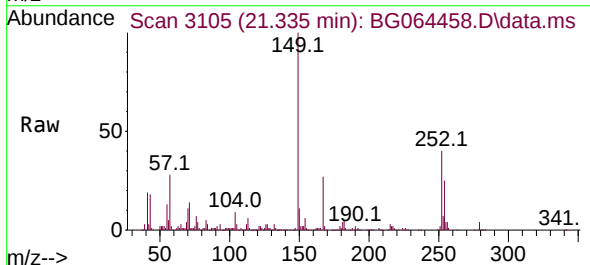
Instrument :  
BNA\_G  
ClientSampleId :  
PB169873BS

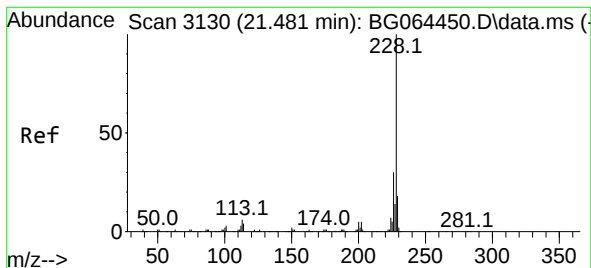
Tgt Ion:228 Resp: 509358  
Ion Ratio Lower Upper  
228 100  
226 27.4 23.0 34.6  
229 19.4 15.1 22.7



#82  
3,3'-Dichlorobenzidine  
Concen: 30.792 ng  
RT: 21.335 min Scan# 3105  
Delta R.T. -0.005 min  
Lab File: BG064458.D  
Acq: 29 Sep 2025 13:43

Tgt Ion:252 Resp: 115990  
Ion Ratio Lower Upper  
252 100  
254 62.6 51.8 77.8  
126 8.4 5.9 8.9





#83

Chrysene

Concen: 45.706 ng

RT: 21.476 min Scan# 31

Delta R.T. -0.005 min

Lab File: BG064458.D

Acq: 29 Sep 2025 13:43

Instrument :

BNA\_G

ClientSampleId :

PB169873BS

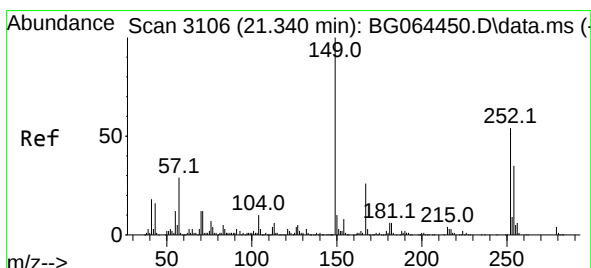
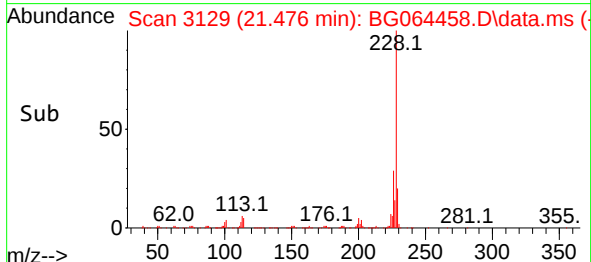
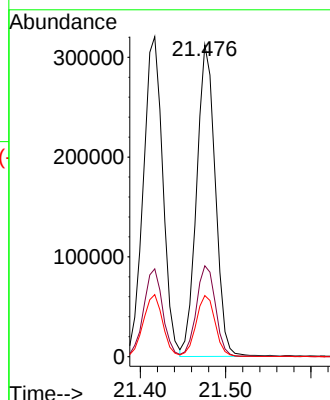
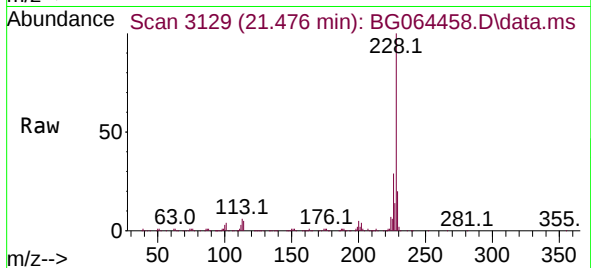
Tgt Ion:228 Resp: 474117

Ion Ratio Lower Upper

228 100

226 29.1 24.2 36.4

229 19.6 14.7 22.1



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.378 ng

RT: 21.340 min Scan# 3106

Delta R.T. 0.001 min

Lab File: BG064458.D

Acq: 29 Sep 2025 13:43

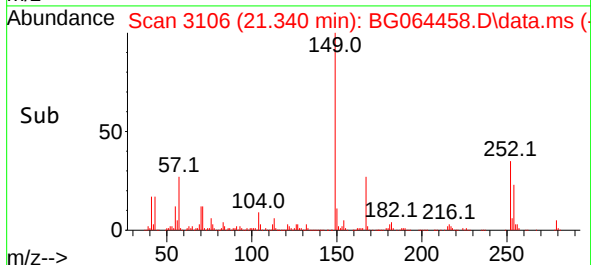
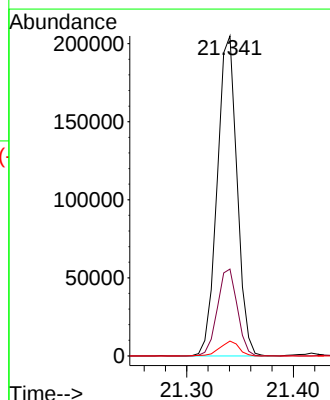
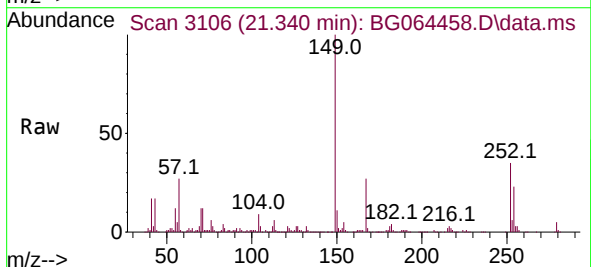
Tgt Ion:149 Resp: 265057

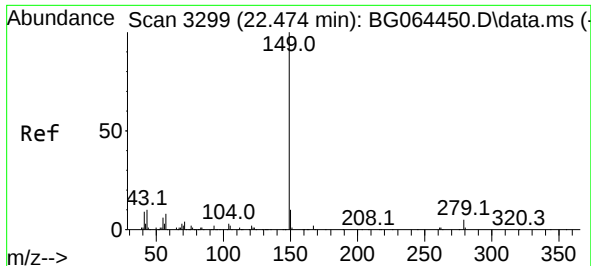
Ion Ratio Lower Upper

149 100

167 27.1 20.6 31.0

279 4.6 3.0 4.4#

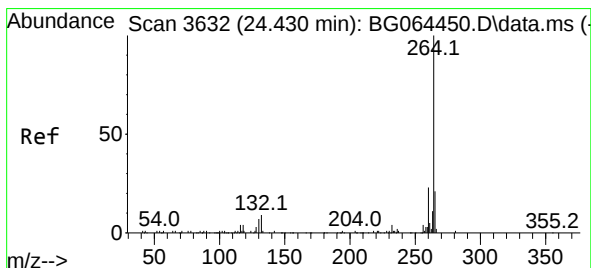
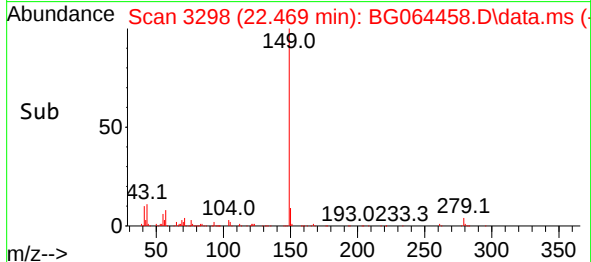
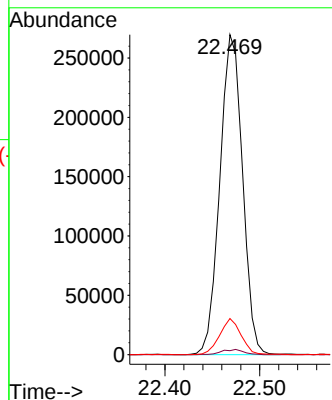
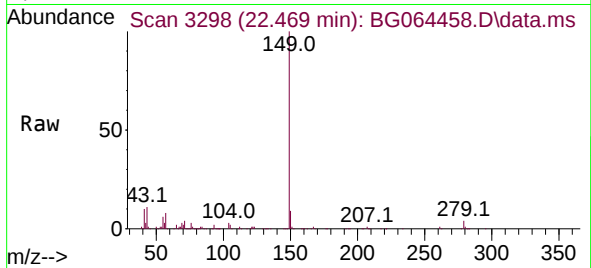




#85  
Di-n-octyl phthalate  
Concen: 46.116 ng  
RT: 22.469 min Scan# 31  
Delta R.T. -0.005 min  
Lab File: BG064458.D  
Acq: 29 Sep 2025 13:43

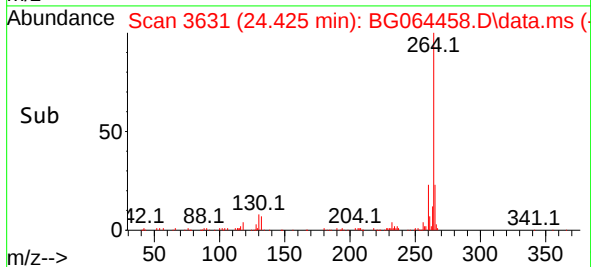
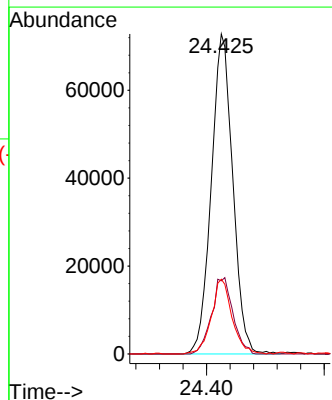
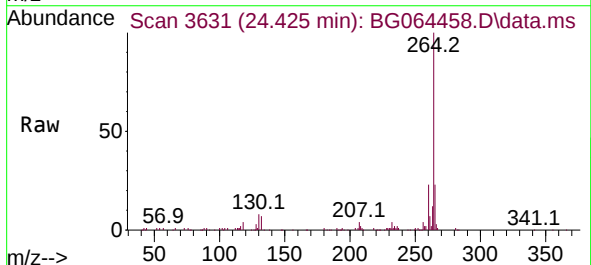
Instrument :  
BNA\_G  
ClientSampleId :  
PB169873BS

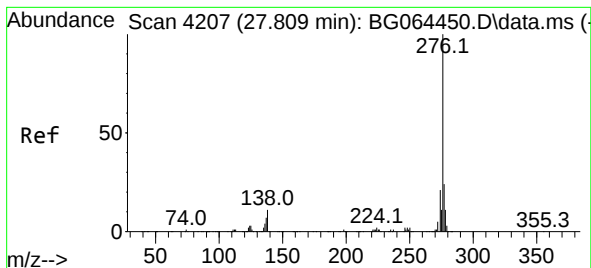
Tgt Ion:149 Resp: 448019  
Ion Ratio Lower Upper  
149 100  
167 1.6 1.4 2.0  
43 10.7 8.8 13.2



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 24.425 min Scan# 3631  
Delta R.T. -0.005 min  
Lab File: BG064458.D  
Acq: 29 Sep 2025 13:43

Tgt Ion:264 Resp: 184277  
Ion Ratio Lower Upper  
264 100  
260 22.8 18.6 27.8  
265 23.3 16.7 25.1





#87

Indeno(1,2,3-cd)pyrene

Concen: 43.978 ng

RT: 27.804 min Scan# 41

Delta R.T. -0.005 min

Lab File: BG064458.D

Acq: 29 Sep 2025 13:43

Instrument :

BNA\_G

ClientSampleId :

PB169873BS

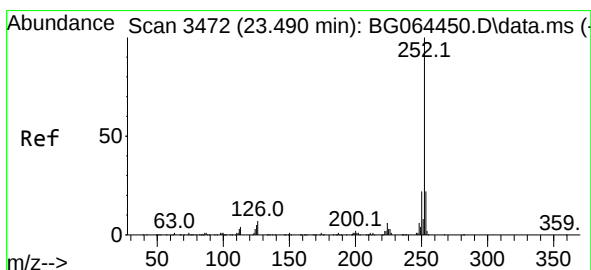
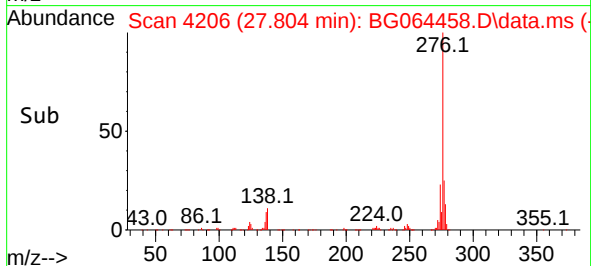
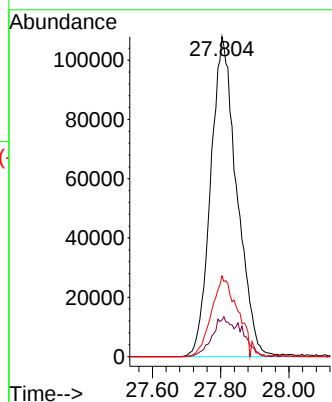
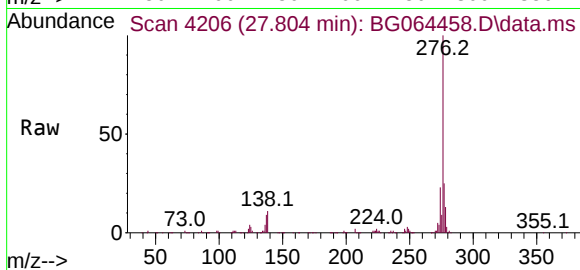
Tgt Ion:276 Resp: 572768

Ion Ratio Lower Upper

276 100

138 9.3 10.3 15.5#

277 24.7 19.2 28.8



#88

Benzo(b)fluoranthene

Concen: 47.454 ng

RT: 23.485 min Scan# 3471

Delta R.T. -0.005 min

Lab File: BG064458.D

Acq: 29 Sep 2025 13:43

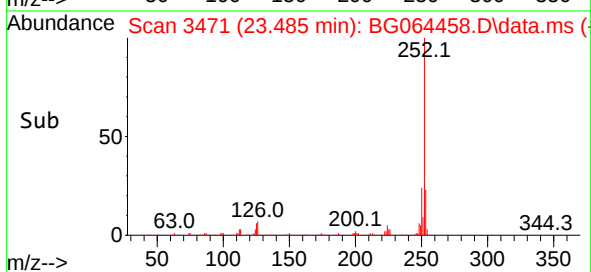
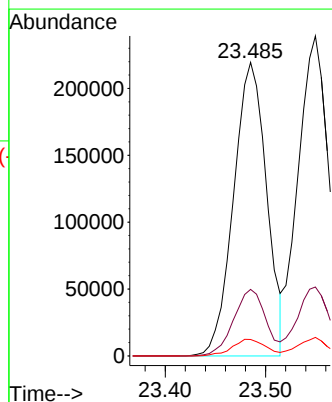
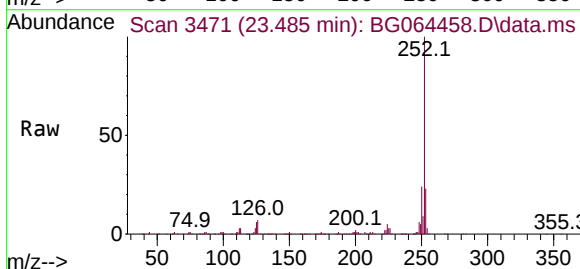
Tgt Ion:252 Resp: 501295

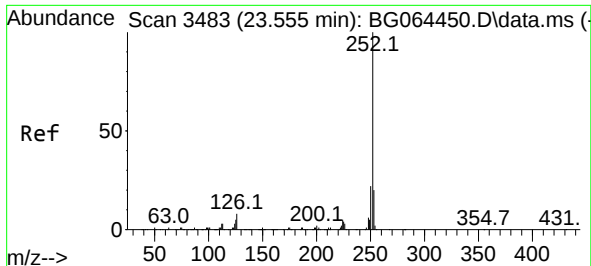
Ion Ratio Lower Upper

252 100

253 22.7 17.3 25.9

125 5.6 4.2 6.2

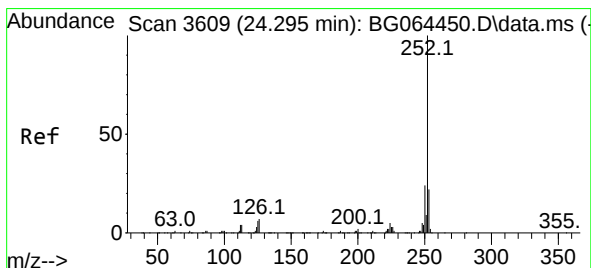
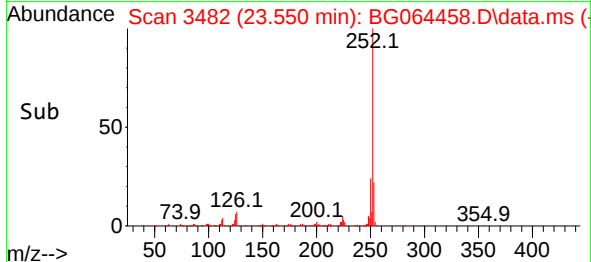
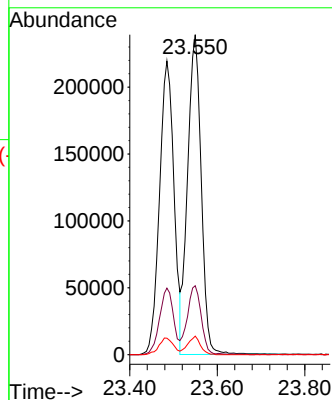
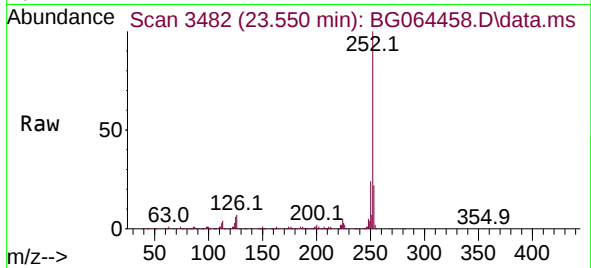




#89  
Benzo(k)fluoranthene  
Concen: 49.028 ng  
RT: 23.550 min Scan# 34  
Delta R.T. -0.005 min  
Lab File: BG064458.D  
Acq: 29 Sep 2025 13:43

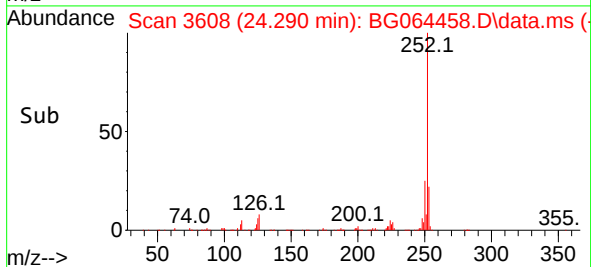
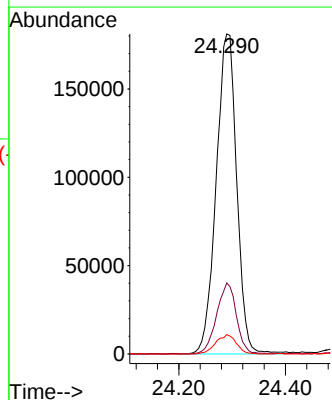
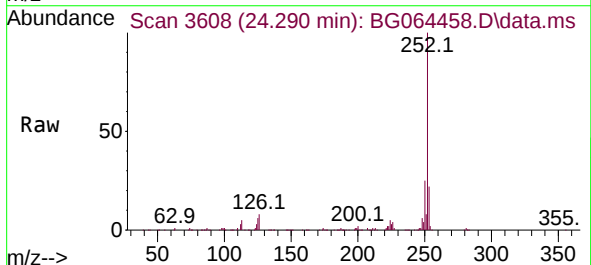
Instrument :  
BNA\_G  
ClientSampleId :  
PB169873BS

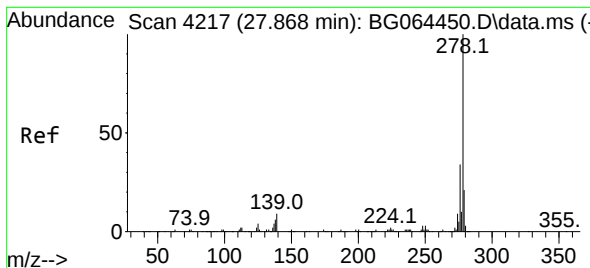
Tgt Ion:252 Resp: 518174  
Ion Ratio Lower Upper  
252 100  
253 21.5 16.6 24.8  
125 5.8 4.4 6.6



#90  
Benzo(a)pyrene  
Concen: 49.382 ng  
RT: 24.290 min Scan# 3608  
Delta R.T. -0.005 min  
Lab File: BG064458.D  
Acq: 29 Sep 2025 13:43

Tgt Ion:252 Resp: 483241  
Ion Ratio Lower Upper  
252 100  
253 22.2 17.5 26.3  
125 6.0 4.6 7.0





#91

Dibenzo(a,h)anthracene

Concen: 44.615 ng

RT: 27.862 min Scan# 41

Delta R.T. -0.005 min

Lab File: BG064458.D

Acq: 29 Sep 2025 13:43

Instrument :

BNA\_G

ClientSampleId :

PB169873BS

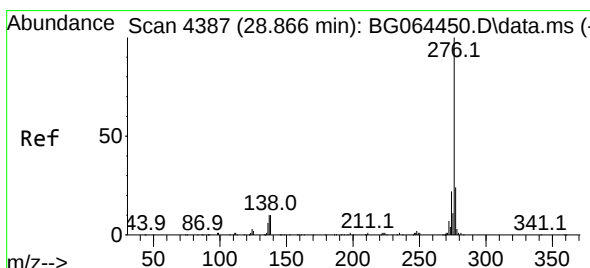
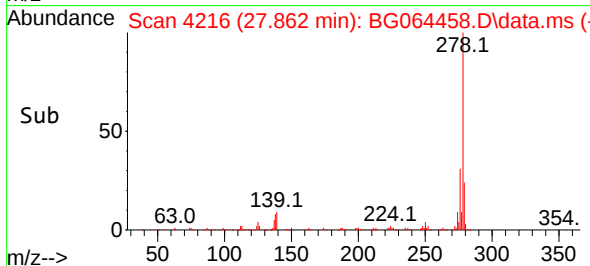
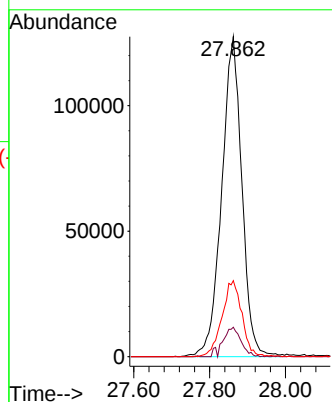
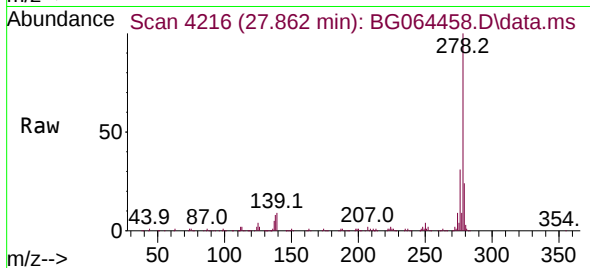
Tgt Ion:278 Resp: 471067

Ion Ratio Lower Upper

278 100

139 9.2 6.9 10.3

279 23.7 17.2 25.8



#92

Benzo(g,h,i)perylene

Concen: 44.726 ng

RT: 28.855 min Scan# 4385

Delta R.T. -0.011 min

Lab File: BG064458.D

Acq: 29 Sep 2025 13:43

Tgt Ion:276 Resp: 453527

Ion Ratio Lower Upper

276 100

277 22.1 19.3 28.9

138 11.8 8.2 12.4

