

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG111925\  
 Data File : BG064823.D  
 Acq On : 19 Nov 2025 20:06  
 Operator : RC/JU  
 Sample : PB170608BS  
 Misc : LOD-WATER-4PPM  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB170608BS

Quant Time: Nov 20 00:34:57 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG111225.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Nov 12 17:10:56 2025  
 Response via : Initial Calibration

| Compound                  | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|---------------------------|--------|------|----------|--------|-------|----------|
| -----                     |        |      |          |        |       |          |
| Internal Standards        |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4 | 8.161  | 152  | 55849    | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.981 | 136  | 223272   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 14.777 | 164  | 181414   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 17.503 | 188  | 441904   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12          | 21.751 | 240  | 497397   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12          | 25.012 | 264  | 490339   | 20.000 | ng    | -0.01    |

|                             |        |     |         |         |    |      |
|-----------------------------|--------|-----|---------|---------|----|------|
| System Monitoring Compounds |        |     |         |         |    |      |
| 5) 2-Fluorophenol           | 5.705  | 112 | 419941  | 131.302 | ng | 0.00 |
| 7) Phenol-d6                | 7.315  | 99  | 560043  | 131.655 | ng | 0.00 |
| 23) Nitrobenzene-d5         | 9.324  | 82  | 359346  | 79.576  | ng | 0.00 |
| 42) 2,4,6-Tribromophenol    | 16.251 | 330 | 443133  | 125.245 | ng | 0.00 |
| 45) 2-Fluorobiphenyl        | 13.408 | 172 | 1012877 | 77.905  | ng | 0.00 |
| 79) Terphenyl-d14           | 20.088 | 244 | 2177723 | 86.124  | ng | 0.00 |

|                               |        |     |        |        |         |
|-------------------------------|--------|-----|--------|--------|---------|
| Target Compounds              |        |     |        |        | Qvalue  |
| 2) 1,4-Dioxane                | 3.525  | 88  | 38480  | 31.078 | ng 95   |
| 3) Pyridine                   | 3.936  | 79  | 115139 | 31.210 | ng 95   |
| 4) n-Nitrosodimethylamine     | 3.842  | 42  | 72287  | 38.498 | ng 88   |
| 6) Aniline                    | 7.479  | 93  | 185833 | 32.775 | ng 97   |
| 8) 2-Chlorophenol             | 7.726  | 128 | 167490 | 47.693 | ng 99   |
| 9) Benzaldehyde               | 7.285  | 77  | 83116  | 29.849 | ng 96   |
| 10) Phenol                    | 7.338  | 94  | 216369 | 46.749 | ng 96   |
| 11) bis(2-Chloroethyl)ether   | 7.567  | 93  | 146424 | 44.458 | ng 97   |
| 12) 1,3-Dichlorobenzene       | 8.049  | 146 | 174627 | 43.214 | ng 95   |
| 13) 1,4-Dichlorobenzene       | 8.196  | 146 | 177026 | 43.022 | ng 100  |
| 14) 1,2-Dichlorobenzene       | 8.519  | 146 | 172825 | 43.317 | ng 97   |
| 15) Benzyl Alcohol            | 8.396  | 79  | 161292 | 46.194 | ng 98   |
| 16) 2,2'-oxybis(1-Chloropr... | 8.690  | 45  | 304519 | 39.063 | ng 98   |
| 17) 2-Methylphenol            | 8.601  | 107 | 150988 | 46.105 | ng 98   |
| 18) Hexachloroethane          | 9.259  | 117 | 61748  | 39.621 | ng 99   |
| 19) n-Nitroso-di-n-propyla... | 8.966  | 70  | 125474 | 43.624 | ng 92   |
| 20) 3+4-Methylphenols         | 8.925  | 107 | 203540 | 45.368 | ng 94   |
| 22) Acetophenone              | 8.983  | 105 | 252338 | 41.483 | ng # 97 |
| 24) Nitrobenzene              | 9.365  | 77  | 190844 | 41.826 | ng 96   |
| 25) Isophorone                | 9.894  | 82  | 364546 | 42.392 | ng 99   |
| 26) 2-Nitrophenol             | 10.082 | 139 | 95899  | 46.727 | ng 96   |
| 27) 2,4-Dimethylphenol        | 10.135 | 122 | 165411 | 45.367 | ng 97   |
| 28) bis(2-Chloroethoxy)met... | 10.370 | 93  | 210850 | 44.662 | ng 100  |
| 29) 2,4-Dichlorophenol        | 10.623 | 162 | 185483 | 47.384 | ng 96   |
| 30) 1,2,4-Trichlorobenzene    | 10.840 | 180 | 208085 | 44.022 | ng 99   |
| 31) Naphthalene               | 11.028 | 128 | 526696 | 41.614 | ng 99   |
| 32) Benzoic acid              | 10.282 | 122 | 109970 | 43.380 | ng 93   |
| 33) 4-Chloroaniline           | 11.128 | 127 | 78706  | 15.545 | ng 98   |
| 34) Hexachlorobutadiene       | 11.322 | 225 | 158351 | 39.044 | ng 95   |
| 35) Caprolactam               | 11.898 | 113 | 28276  | 24.151 | ng # 80 |
| 36) 4-Chloro-3-methylphenol   | 12.238 | 107 | 196229 | 45.038 | ng 95   |
| 37) 2-Methylnaphthalene       | 12.620 | 142 | 362747 | 38.299 | ng 97   |
| 38) 1-Methylnaphthalene       | 12.838 | 142 | 376388 | 40.005 | ng 98   |
| 40) 1,2,4,5-Tetrachloroben... | 12.985 | 216 | 292898 | 41.486 | ng 98   |
| 41) Hexachlorocyclopentadiene | 12.967 | 237 | 408807 | 80.784 | ng 98   |
| 43) 2,4,6-Trichlorophenol     | 13.214 | 196 | 190670 | 46.015 | ng 99   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG111925\  
 Data File : BG064823.D  
 Acq On : 19 Nov 2025 20:06  
 Operator : RC/JU  
 Sample : PB170608BS  
 Misc : LOD-WATER-4PPM  
 ALS Vial : 14 Sample Multiplier: 1

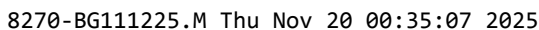
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB170608BS

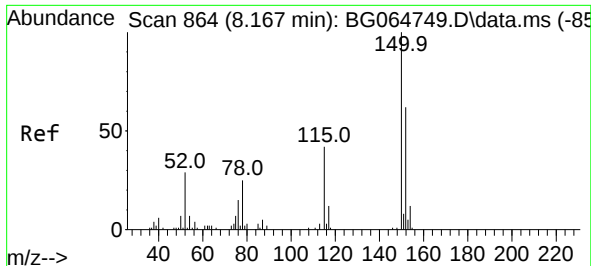
Quant Time: Nov 20 00:34:57 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG111225.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Nov 12 17:10:56 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 13.284 | 196  | 212496   | 45.723 | ng    | 98       |
| 46) 1,1'-Biphenyl             | 13.613 | 154  | 563855   | 43.274 | ng    | 96       |
| 47) 2-Chloronaphthalene       | 13.660 | 162  | 433108   | 42.192 | ng    | 99       |
| 48) 2-Nitroaniline            | 13.848 | 65   | 150912   | 45.707 | ng    | 96       |
| 49) Acenaphthylene            | 14.500 | 152  | 754701   | 43.034 | ng    | 98       |
| 50) Dimethylphthalate         | 14.224 | 163  | 624599   | 43.585 | ng    | 98       |
| 51) 2,6-Dinitrotoluene        | 14.336 | 165  | 131564   | 47.711 | ng    | 95       |
| 52) Acenaphthene              | 14.835 | 154  | 518356   | 49.297 | ng    | 100      |
| 53) 3-Nitroaniline            | 14.665 | 138  | 78675    | 28.907 | ng    | 92       |
| 54) 2,4-Dinitrophenol         | 14.871 | 184  | 173531   | 90.594 | ng    | 98       |
| 55) Dibenzofuran              | 15.170 | 168  | 741111   | 42.632 | ng    | 97       |
| 56) 4-Nitrophenol             | 14.970 | 139  | 206142   | 95.465 | ng    | 93       |
| 57) 2,4-Dinitrotoluene        | 15.117 | 165  | 192488   | 46.561 | ng    | 98       |
| 58) Fluorene                  | 15.811 | 166  | 577386   | 42.348 | ng    | 98       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.388 | 232  | 223741   | 48.794 | ng    | 97       |
| 60) Diethylphthalate          | 15.576 | 149  | 604754   | 44.053 | ng    | 100      |
| 61) 4-Chlorophenyl-phenyle... | 15.799 | 204  | 343853   | 42.024 | ng    | 97       |
| 62) 4-Nitroaniline            | 15.822 | 138  | 127447   | 45.201 | ng    | 94       |
| 63) Azobenzene                | 16.093 | 77   | 509065   | 44.583 | ng    | 96       |
| 65) 4,6-Dinitro-2-methylph... | 15.881 | 198  | 124573   | 50.773 | ng    | 95       |
| 66) n-Nitrosodiphenylamine    | 16.010 | 169  | 535297   | 46.246 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 16.692 | 248  | 258931   | 44.619 | ng    | 97       |
| 68) Hexachlorobenzene         | 16.815 | 284  | 305735   | 43.485 | ng    | 94       |
| 69) Atrazine                  | 16.950 | 200  | 246994   | 44.259 | ng    | 99       |
| 70) Pentachlorophenol         | 17.150 | 266  | 375715   | 89.511 | ng    | 98       |
| 71) Phenanthrene              | 17.544 | 178  | 1034689  | 42.795 | ng    | 98       |
| 72) Anthracene                | 17.638 | 178  | 1065444  | 43.216 | ng    | 100      |
| 73) Carbazole                 | 17.896 | 167  | 920548   | 43.435 | ng    | 99       |
| 74) Di-n-butylphthalate       | 18.449 | 149  | 1051259  | 44.460 | ng    | 98       |
| 75) Fluoranthene              | 19.536 | 202  | 1302067  | 39.382 | ng    | 99       |
| 77) Benzidine                 | 19.706 | 184  | 452968   | 30.408 | ng    | 99       |
| 78) Pyrene                    | 19.894 | 202  | 1336229  | 47.933 | ng    | 99       |
| 80) Butylbenzylphthalate      | 20.764 | 149  | 464508   | 47.373 | ng    | 99       |
| 81) Benzo(a)anthracene        | 21.733 | 228  | 1467704  | 43.396 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 21.639 | 252  | 332134   | 26.681 | ng    | 99       |
| 83) Chrysene                  | 21.798 | 228  | 1366781  | 42.865 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 21.627 | 149  | 658997   | 45.993 | ng    | 99       |
| 85) Di-n-octyl phthalate      | 22.849 | 149  | 1106430  | 44.673 | ng    | 98       |
| 87) Indeno(1,2,3-cd)pyrene    | 28.748 | 276  | 1505987  | 44.704 | ng    | # 98     |
| 88) Benzo(b)fluoranthene      | 23.978 | 252  | 1389566  | 44.531 | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 24.042 | 252  | 1432431  | 45.692 | ng    | 99       |
| 90) Benzo(a)pyrene            | 24.859 | 252  | 1312561  | 45.345 | ng    | # 96     |
| 91) Dibenzo(a,h)anthracene    | 28.801 | 278  | 1240852  | 44.962 | ng    | 97       |
| 92) Benzo(g,h,i)perylene      | 29.912 | 276  | 1184856  | 44.610 | ng    | 98       |

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

Quant Time: Nov 20 00:34:57 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG111225.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Nov 12 17:10:56 2025  
Response via : Initial Calibration

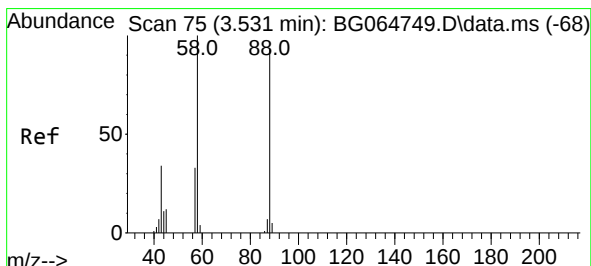
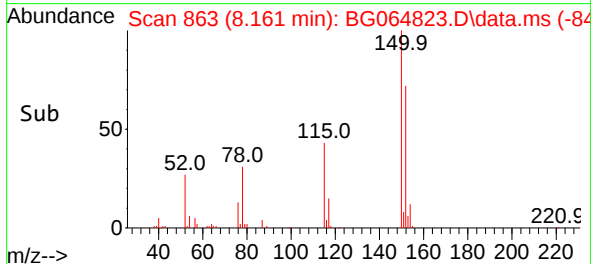
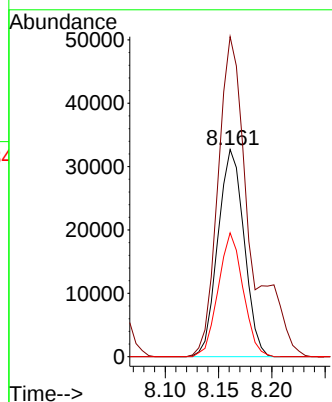
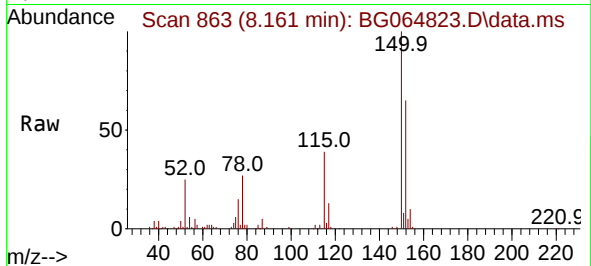




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.161 min Scan# 80  
Delta R.T. -0.006 min  
Lab File: BG064823.D  
Acq: 19 Nov 2025 20:06

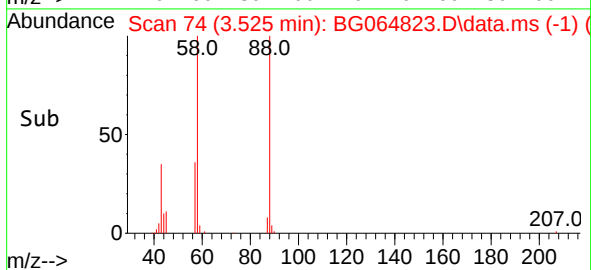
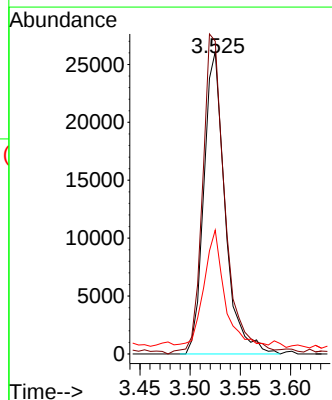
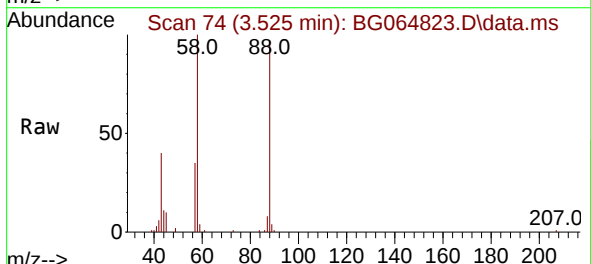
Instrument :  
BNA\_G  
ClientSampleId :  
PB170608BS

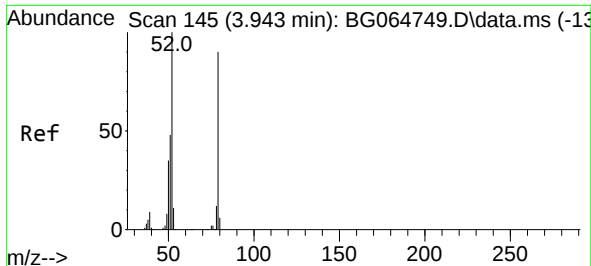
Tgt Ion:152 Resp: 55849  
Ion Ratio Lower Upper  
152 100  
150 154.5 129.2 193.8  
115 59.8 53.7 80.5



#2  
1,4-Dioxane  
Concen: 31.078 ng  
RT: 3.525 min Scan# 74  
Delta R.T. -0.006 min  
Lab File: BG064823.D  
Acq: 19 Nov 2025 20:06

Tgt Ion: 88 Resp: 38480  
Ion Ratio Lower Upper  
88 100  
58 111.7 84.6 126.8  
43 35.4 30.0 45.0





#3

Pyridine

Concen: 31.210 ng

RT: 3.936 min Scan# 145

Delta R.T. -0.006 min

Lab File: BG064823.D

Acq: 19 Nov 2025 20:06

Instrument :

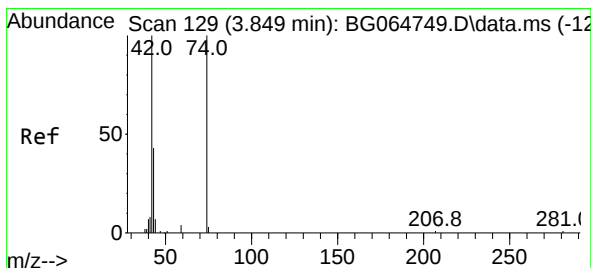
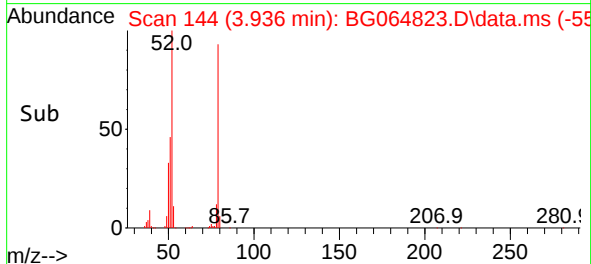
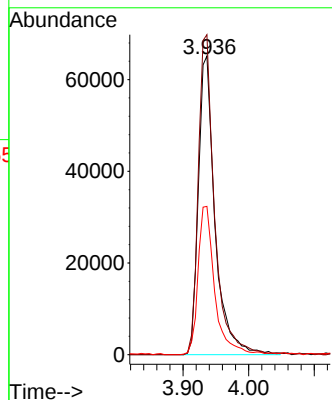
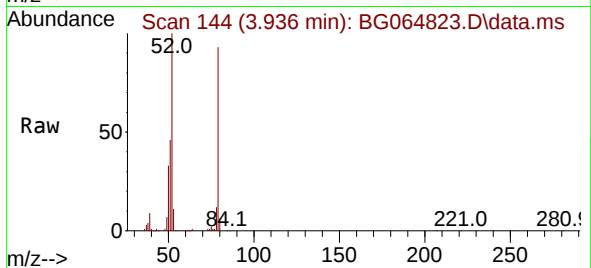
BNA\_G

ClientSampleId :

PB170608BS

Tgt Ion: 79 Resp: 115139

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 79  | 100   |       |       |
| 52  | 107.1 | 89.0  | 133.4 |
| 51  | 49.7  | 43.4  | 65.0  |



#4

n-Nitrosodimethylamine

Concen: 38.498 ng

RT: 3.842 min Scan# 128

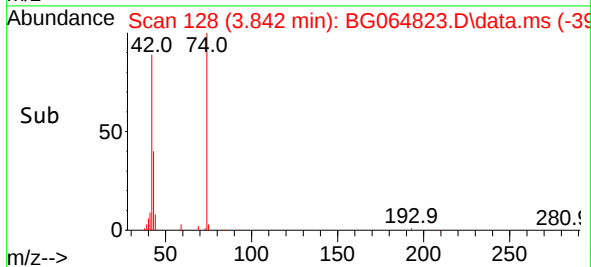
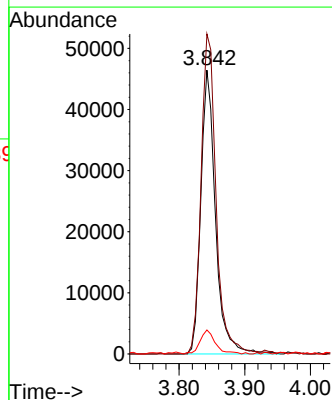
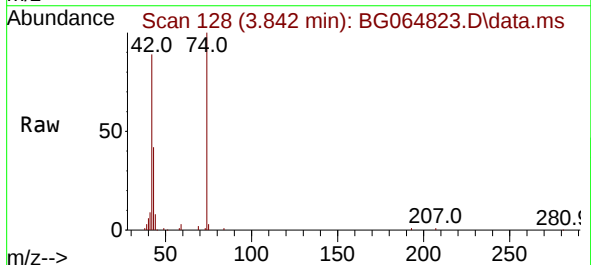
Delta R.T. -0.006 min

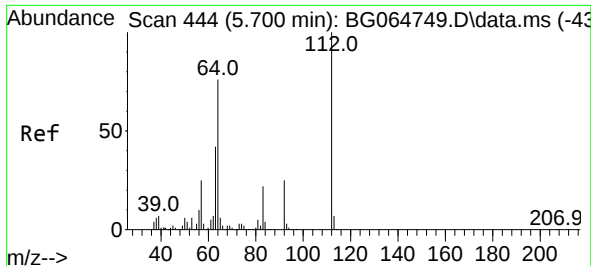
Lab File: BG064823.D

Acq: 19 Nov 2025 20:06

Tgt Ion: 42 Resp: 72287

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 42  | 100   |       |       |
| 74  | 112.7 | 79.8  | 119.6 |
| 44  | 8.5   | 5.9   | 8.9   |

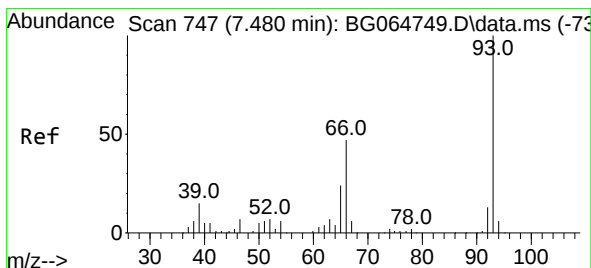
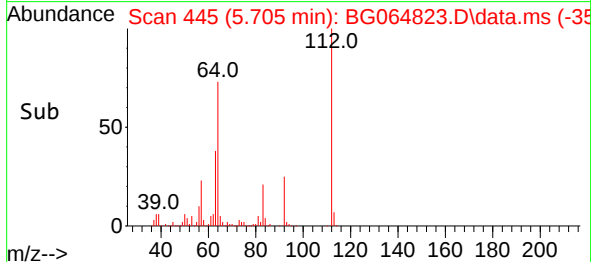
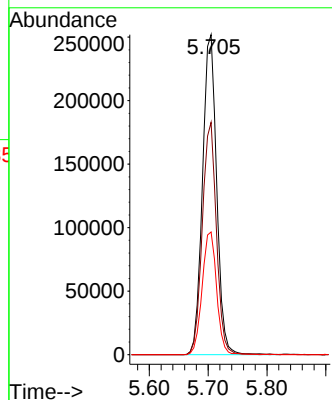
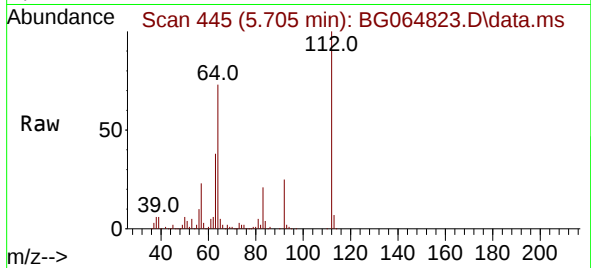




#5  
2-Fluorophenol  
Concen: 131.302 ng  
RT: 5.705 min Scan# 444  
Delta R.T. 0.005 min  
Lab File: BG064823.D  
Acq: 19 Nov 2025 20:06

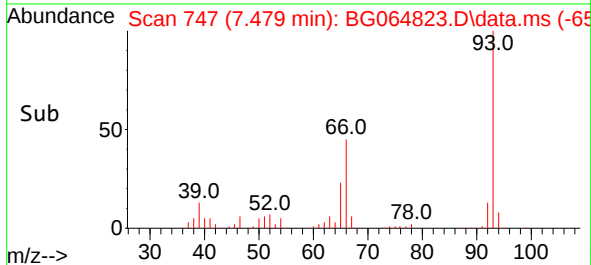
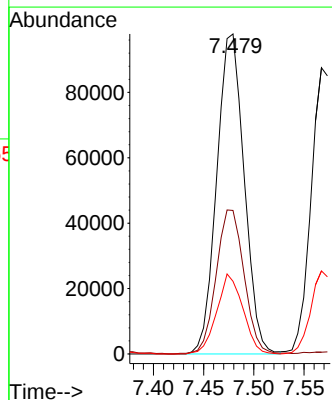
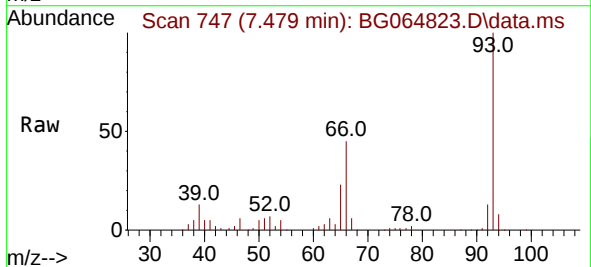
Instrument :  
BNA\_G  
ClientSampleId :  
PB170608BS

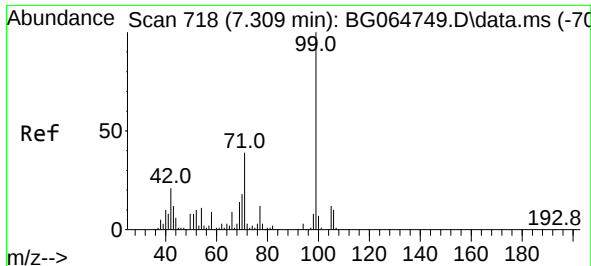
Tgt Ion:112 Resp: 419941  
Ion Ratio Lower Upper  
112 100  
64 72.6 61.0 91.4  
63 38.3 33.3 49.9



#6  
Aniline  
Concen: 32.775 ng  
RT: 7.479 min Scan# 747  
Delta R.T. -0.001 min  
Lab File: BG064823.D  
Acq: 19 Nov 2025 20:06

Tgt Ion: 93 Resp: 185833  
Ion Ratio Lower Upper  
93 100  
66 44.9 37.7 56.5  
65 22.7 19.1 28.7

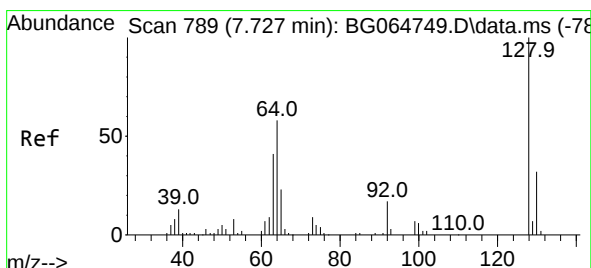
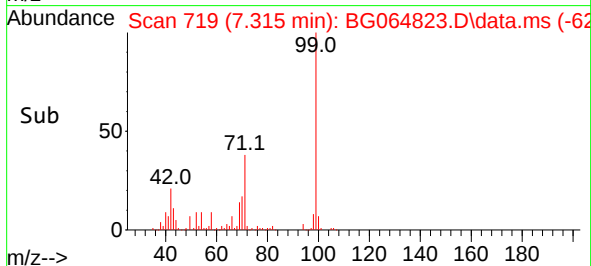
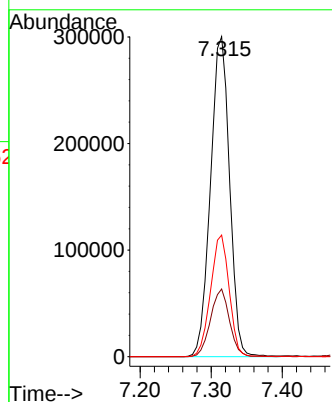
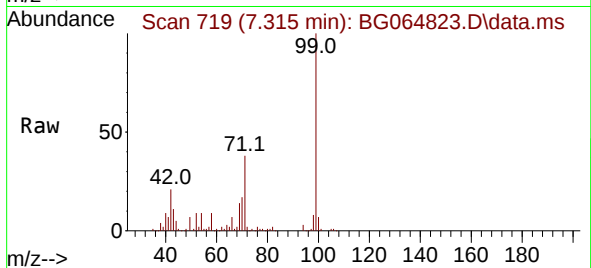




#7  
Phenol-d6  
Concen: 131.655 ng  
RT: 7.315 min Scan# 718  
Delta R.T. 0.005 min  
Lab File: BG064823.D  
Acq: 19 Nov 2025 20:06

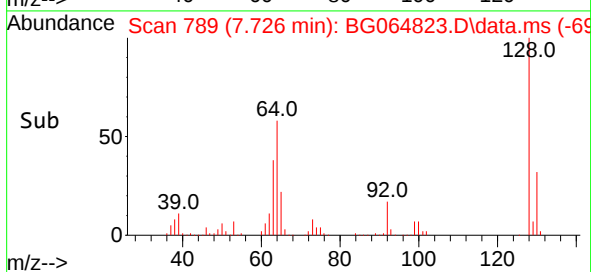
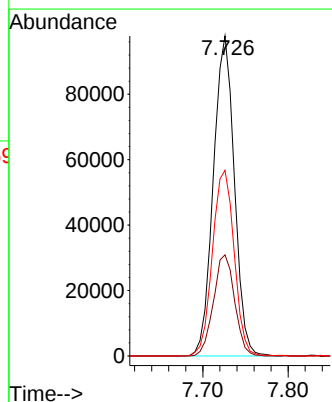
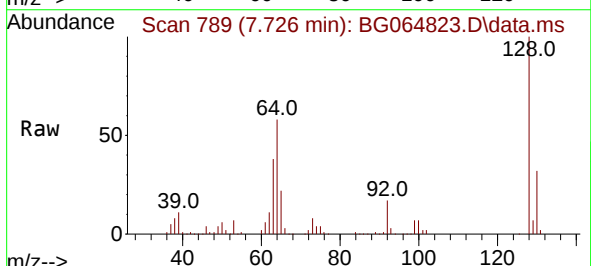
Instrument :  
BNA\_G  
ClientSampleId :  
PB170608BS

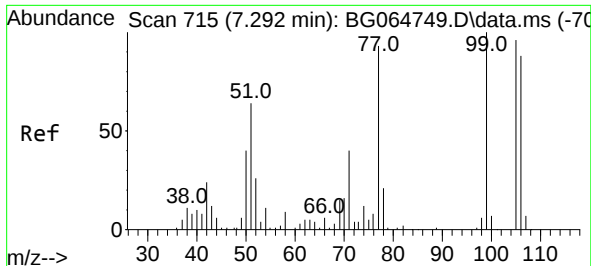
Tgt Ion: 99 Resp: 560043  
Ion Ratio Lower Upper  
99 100  
42 21.2 16.8 25.2  
71 38.0 31.1 46.7



#8  
2-Chlorophenol  
Concen: 47.693 ng  
RT: 7.726 min Scan# 789  
Delta R.T. -0.001 min  
Lab File: BG064823.D  
Acq: 19 Nov 2025 20:06

Tgt Ion: 128 Resp: 167490  
Ion Ratio Lower Upper  
128 100  
130 31.6 11.9 51.9  
64 58.0 38.4 78.4

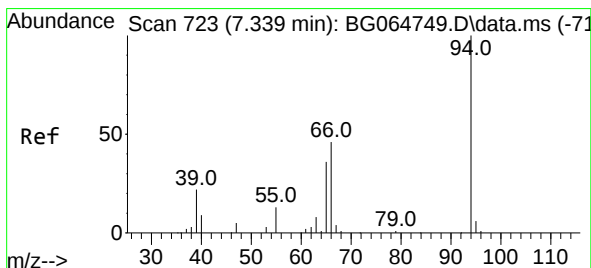
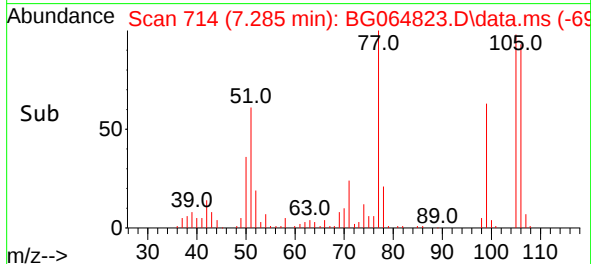
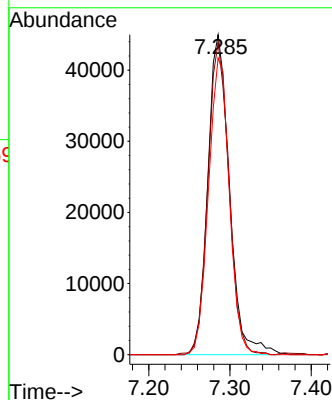
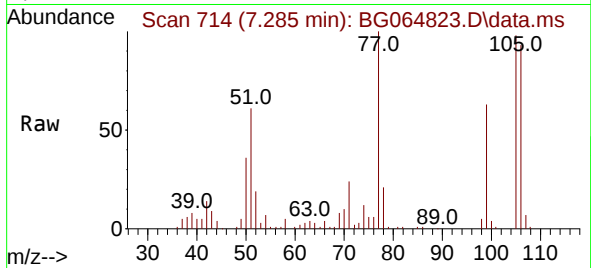




#9  
Benzaldehyde  
Concen: 29.849 ng  
RT: 7.285 min Scan# 715  
Delta R.T. -0.006 min  
Lab File: BG064823.D  
Acq: 19 Nov 2025 20:06

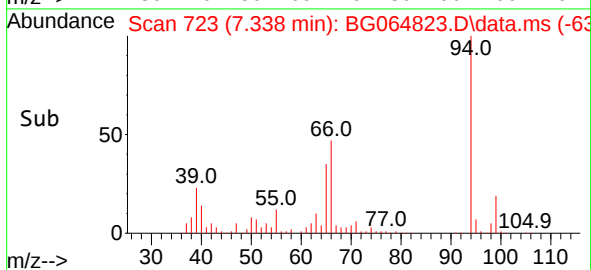
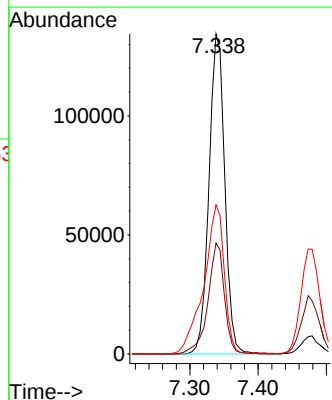
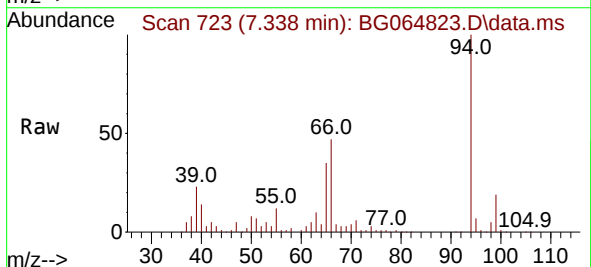
Instrument :  
BNA\_G  
ClientSampleId :  
PB170608BS

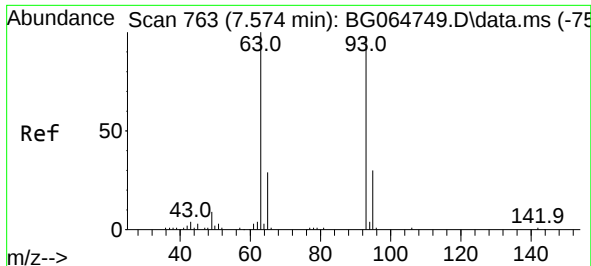
Tgt Ion: 77 Resp: 83116  
Ion Ratio Lower Upper  
77 100  
105 97.6 83.8 123.8  
106 92.7 74.3 114.3



#10  
Phenol  
Concen: 46.749 ng  
RT: 7.338 min Scan# 723  
Delta R.T. -0.001 min  
Lab File: BG064823.D  
Acq: 19 Nov 2025 20:06

Tgt Ion: 94 Resp: 216369  
Ion Ratio Lower Upper  
94 100  
65 34.7 17.0 57.0  
66 46.6 29.8 69.8

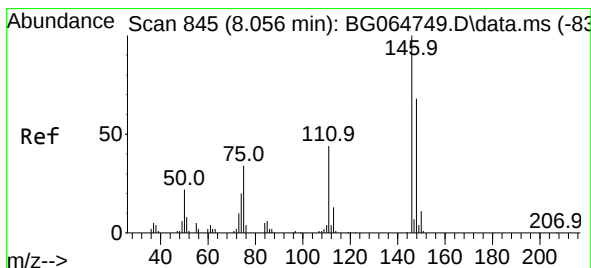
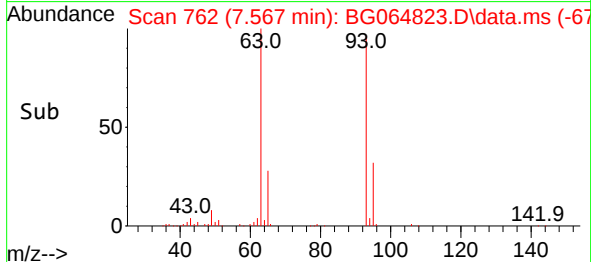
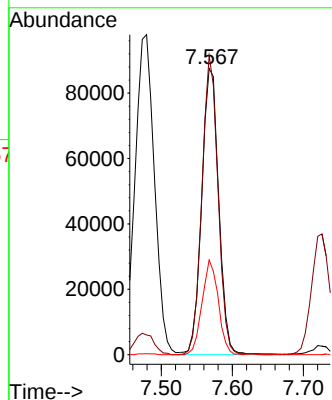
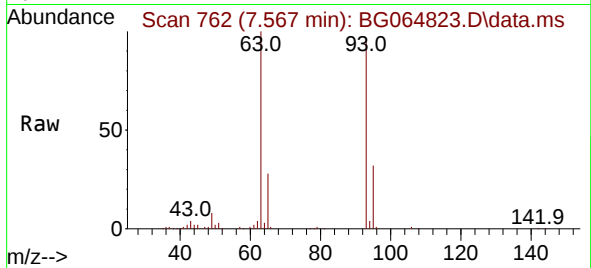




#11  
bis(2-Chloroethyl)ether  
Concen: 44.458 ng  
RT: 7.567 min Scan# 763  
Delta R.T. -0.006 min  
Lab File: BG064823.D  
Acq: 19 Nov 2025 20:06

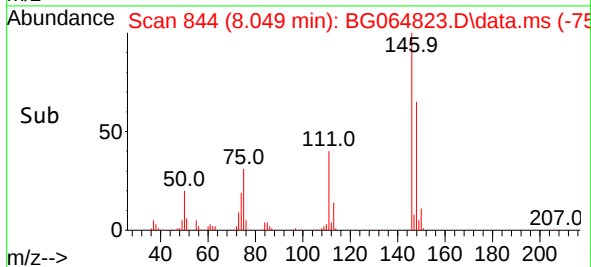
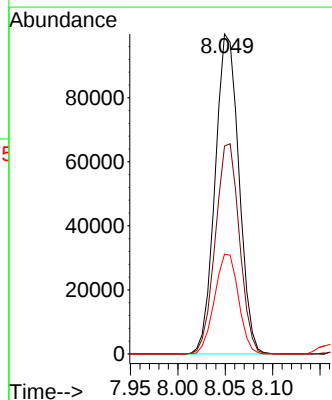
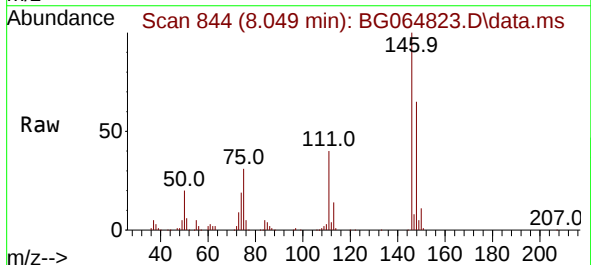
Instrument :  
BNA\_G  
ClientSampleId :  
PB170608BS

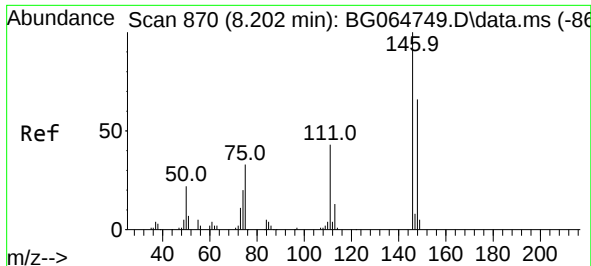
Tgt Ion: 93 Resp: 146424  
Ion Ratio Lower Upper  
93 100  
63 104.5 81.8 121.8  
95 33.1 10.3 50.3



#12  
1,3-Dichlorobenzene  
Concen: 43.214 ng  
RT: 8.049 min Scan# 844  
Delta R.T. -0.006 min  
Lab File: BG064823.D  
Acq: 19 Nov 2025 20:06

Tgt Ion:146 Resp: 174627  
Ion Ratio Lower Upper  
146 100  
148 65.0 54.6 82.0  
75 31.2 27.6 41.4

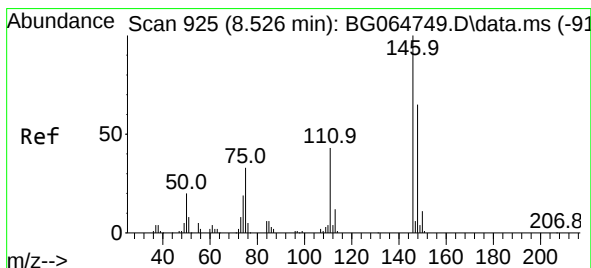
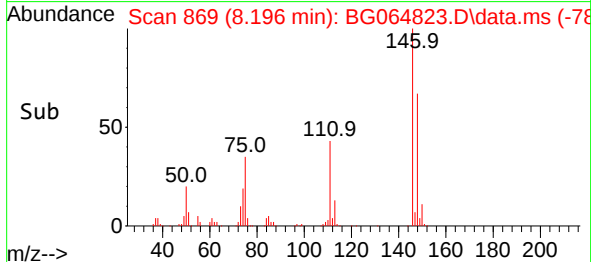
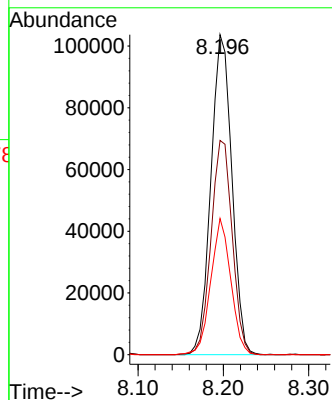
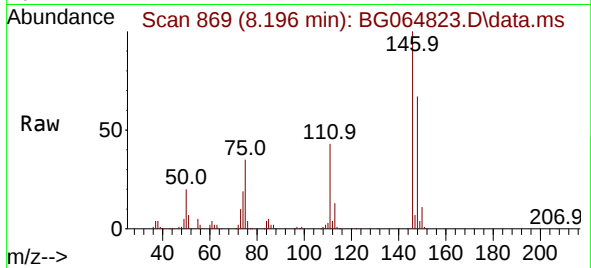




#13  
1,4-Dichlorobenzene  
Concen: 43.022 ng  
RT: 8.196 min Scan# 81  
Delta R.T. -0.006 min  
Lab File: BG064823.D  
Acq: 19 Nov 2025 20:06

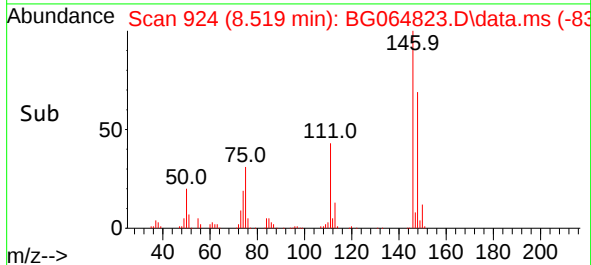
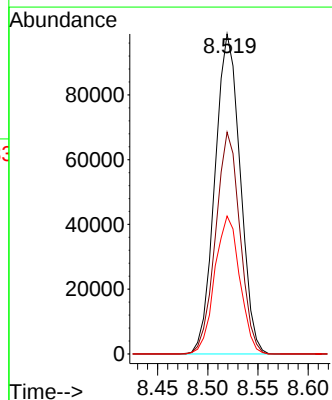
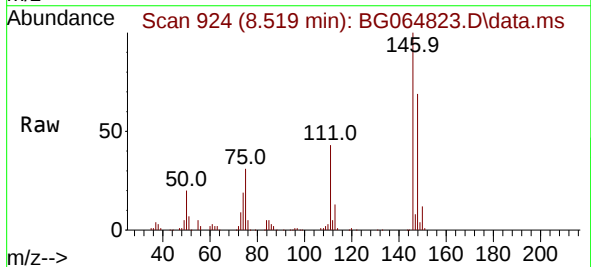
Instrument :  
BNA\_G  
ClientSampleId :  
PB170608BS

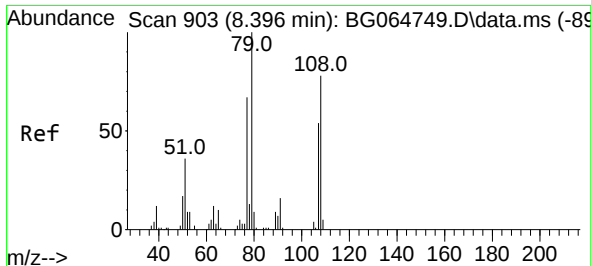
Tgt Ion:146 Resp: 177026  
Ion Ratio Lower Upper  
146 100  
148 67.0 53.1 79.7  
111 42.5 34.1 51.1



#14  
1,2-Dichlorobenzene  
Concen: 43.317 ng  
RT: 8.519 min Scan# 924  
Delta R.T. -0.006 min  
Lab File: BG064823.D  
Acq: 19 Nov 2025 20:06

Tgt Ion:146 Resp: 172825  
Ion Ratio Lower Upper  
146 100  
148 69.3 52.0 78.0  
111 43.1 34.7 52.1

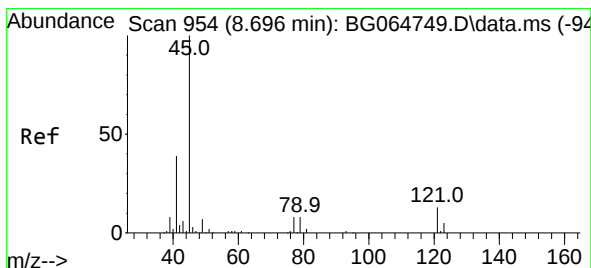
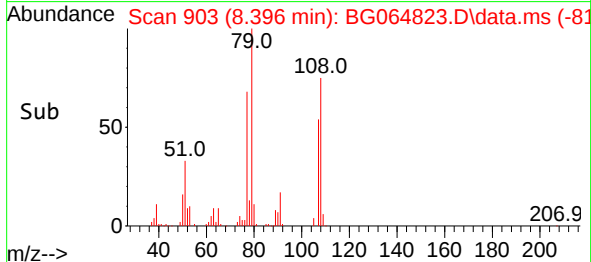
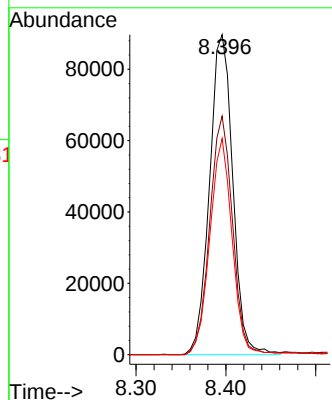
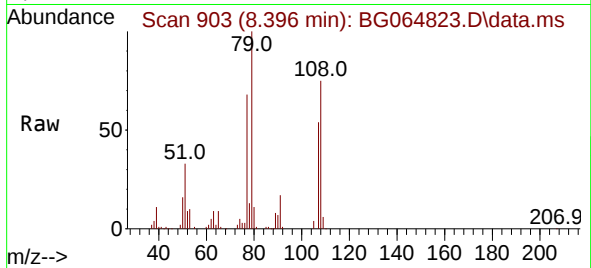




#15  
Benzyl Alcohol  
Concen: 46.194 ng  
RT: 8.396 min Scan# 903  
Delta R.T. -0.001 min  
Lab File: BG064823.D  
Acq: 19 Nov 2025 20:06

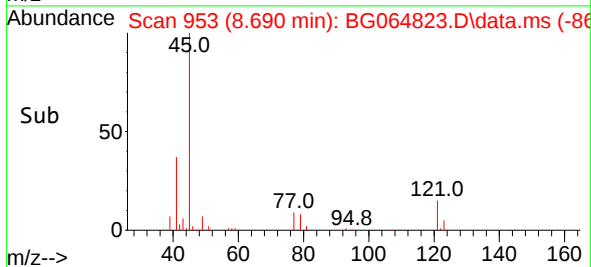
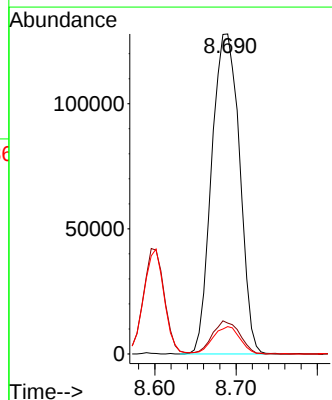
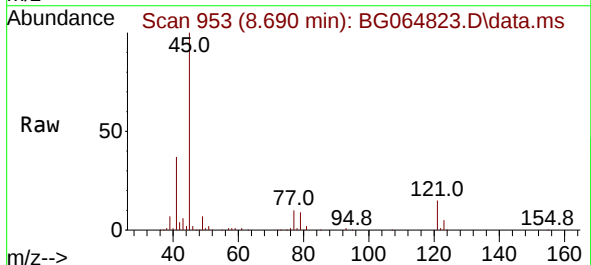
Instrument :  
BNA\_G  
ClientSampleId :  
PB170608BS

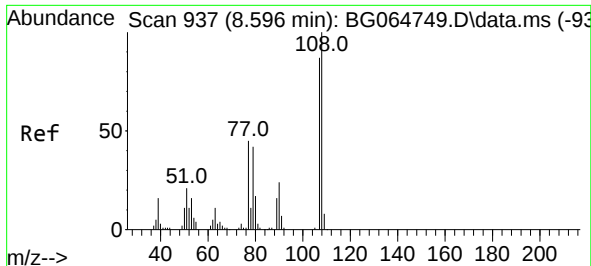
Tgt Ion: 79 Resp: 161292  
Ion Ratio Lower Upper  
79 100  
108 74.6 62.3 93.5  
77 67.6 53.5 80.3



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 39.063 ng  
RT: 8.690 min Scan# 953  
Delta R.T. -0.006 min  
Lab File: BG064823.D  
Acq: 19 Nov 2025 20:06

Tgt Ion: 45 Resp: 304519  
Ion Ratio Lower Upper  
45 100  
77 9.7 0.0 28.8  
79 8.6 0.0 28.1





#17

2-Methylphenol

Concen: 46.105 ng

RT: 8.601 min Scan# 91

Delta R.T. 0.005 min

Lab File: BG064823.D

Acq: 19 Nov 2025 20:06

Instrument :

BNA\_G

ClientSampleId :

PB170608BS

Tgt Ion:107 Resp: 150988

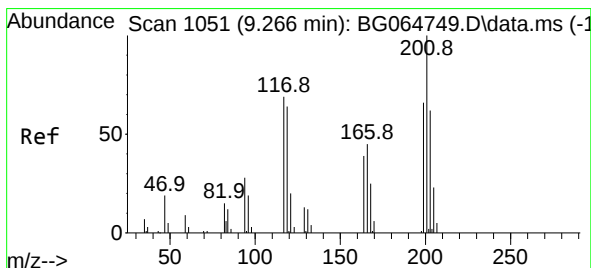
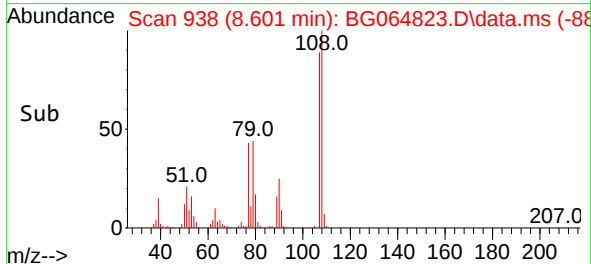
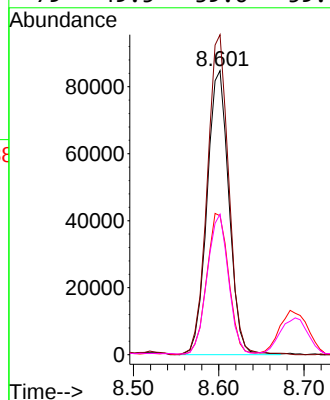
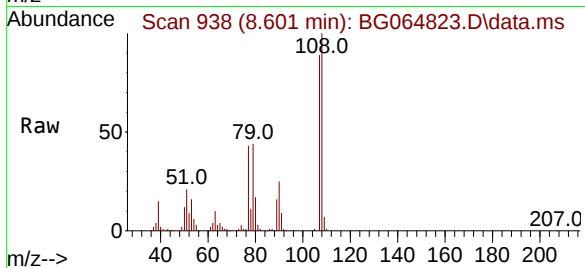
Ion Ratio Lower Upper

107 100

108 112.7 92.6 138.8

77 48.9 41.2 61.8

79 49.5 39.6 59.4



#18

Hexachloroethane

Concen: 39.621 ng

RT: 9.259 min Scan# 1050

Delta R.T. -0.006 min

Lab File: BG064823.D

Acq: 19 Nov 2025 20:06

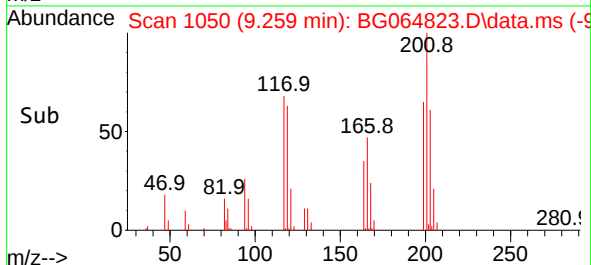
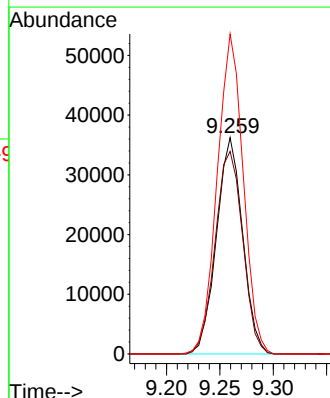
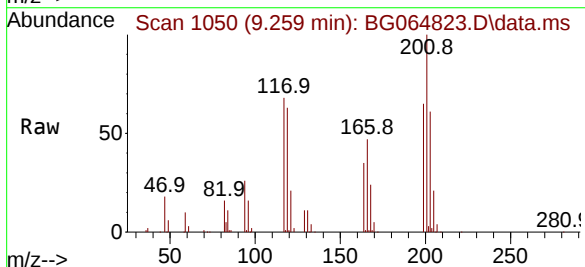
Tgt Ion:117 Resp: 61748

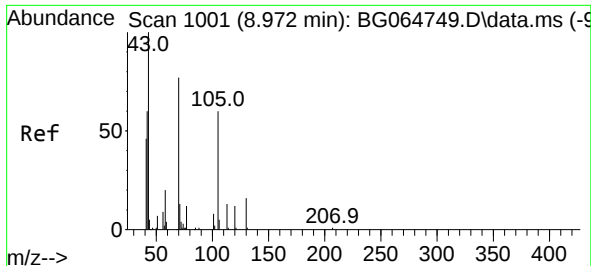
Ion Ratio Lower Upper

117 100

119 93.6 74.4 111.6

201 147.9 116.5 174.7

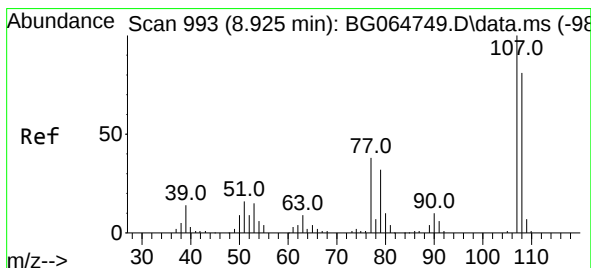
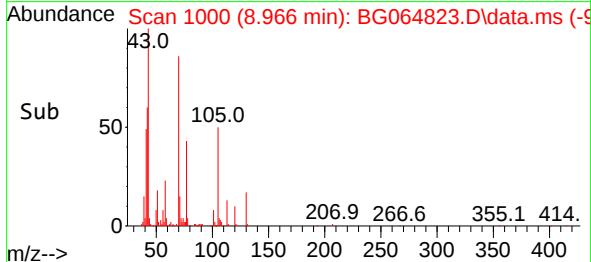
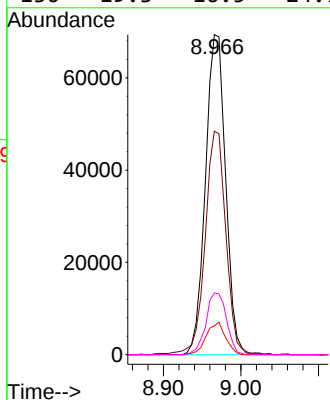
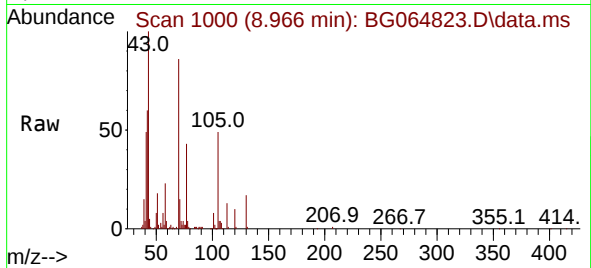




#19  
n-Nitroso-di-n-propylamine  
Concen: 43.624 ng  
RT: 8.966 min Scan# 10  
Delta R.T. -0.006 min  
Lab File: BG064823.D  
Acq: 19 Nov 2025 20:06

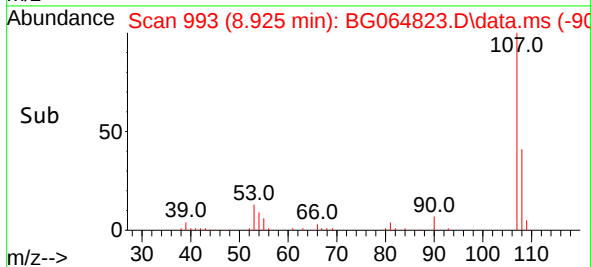
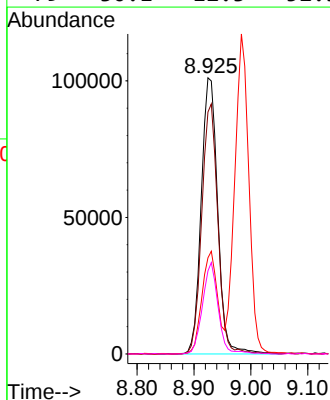
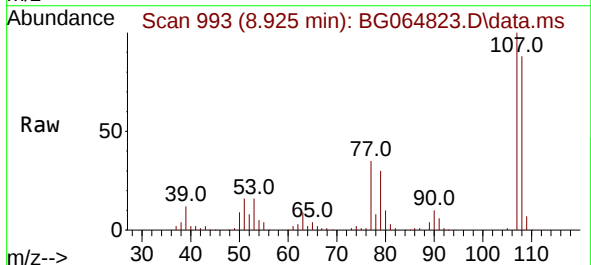
Instrument :  
BNA\_G  
ClientSampleId :  
PB170608BS

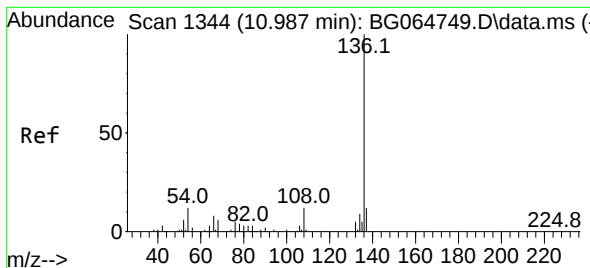
Tgt Ion: 70 Resp: 125474  
Ion Ratio Lower Upper  
70 100  
42 69.9 62.6 93.8  
101 9.0 8.0 12.0  
130 19.3 16.5 24.7



#20  
3+4-Methylphenols  
Concen: 45.368 ng  
RT: 8.925 min Scan# 993  
Delta R.T. -0.001 min  
Lab File: BG064823.D  
Acq: 19 Nov 2025 20:06

Tgt Ion: 107 Resp: 203540  
Ion Ratio Lower Upper  
107 100  
108 87.6 61.0 101.0  
77 34.8 17.6 57.6  
79 30.1 12.3 52.3

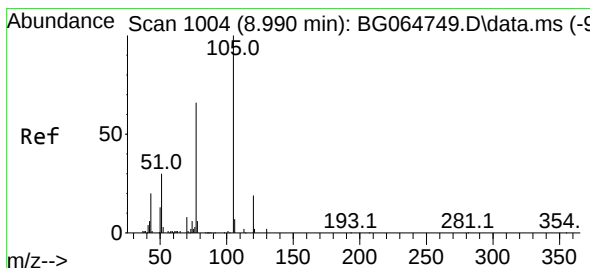
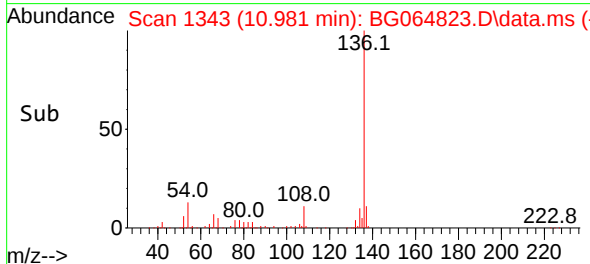
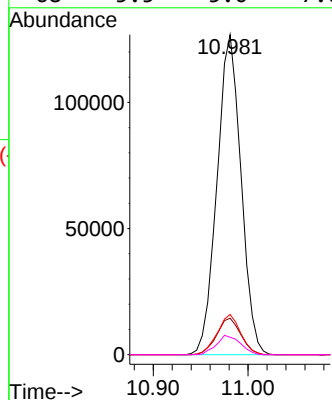
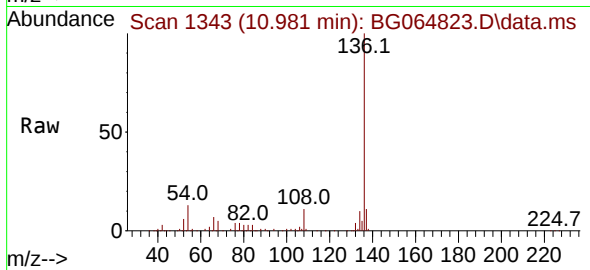




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.981 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BG064823.D  
Acq: 19 Nov 2025 20:06

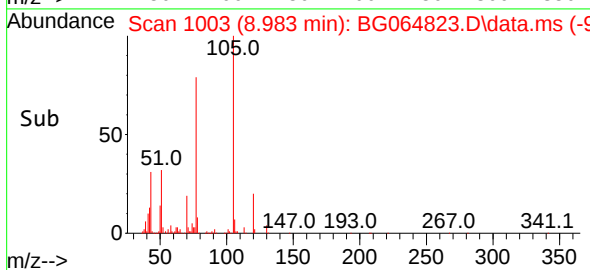
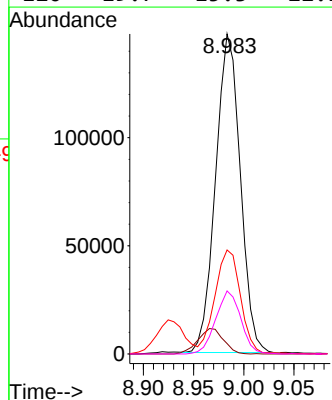
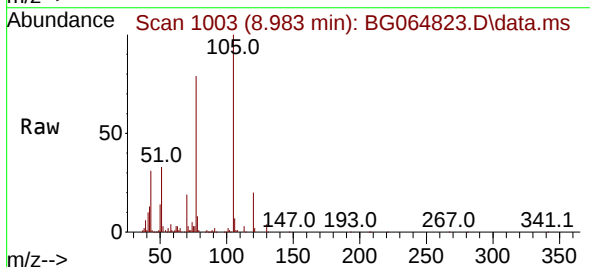
Instrument :  
BNA\_G  
ClientSampleId :  
PB170608BS

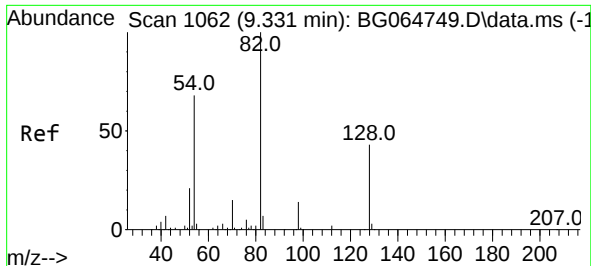
Tgt Ion:136 Resp: 223272  
Ion Ratio Lower Upper  
136 100  
137 11.4 9.3 13.9  
54 12.6 9.3 13.9  
68 5.5 5.0 7.6



#22  
Acetophenone  
Concen: 41.483 ng  
RT: 8.983 min Scan# 1003  
Delta R.T. -0.006 min  
Lab File: BG064823.D  
Acq: 19 Nov 2025 20:06

Tgt Ion:105 Resp: 252338  
Ion Ratio Lower Upper  
105 100  
71 3.3 1.3 1.9#  
51 32.5 27.9 41.9  
120 19.7 15.3 22.9

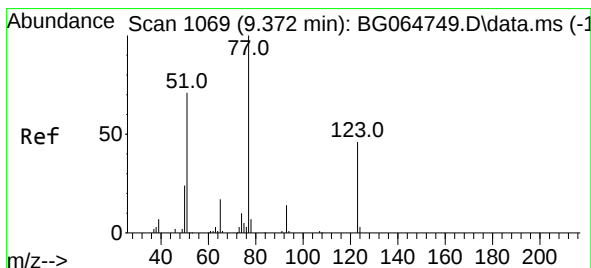
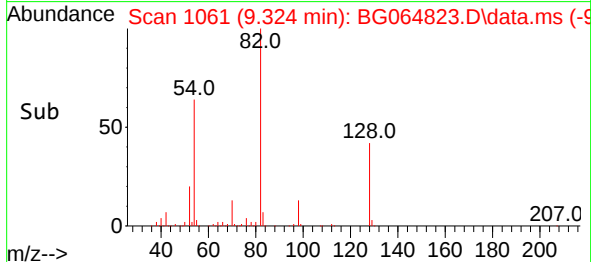
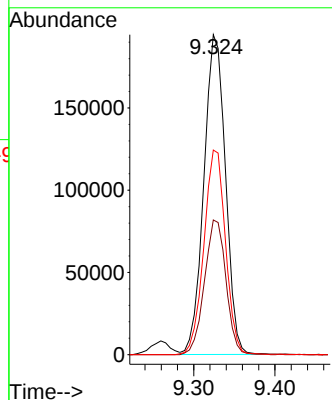
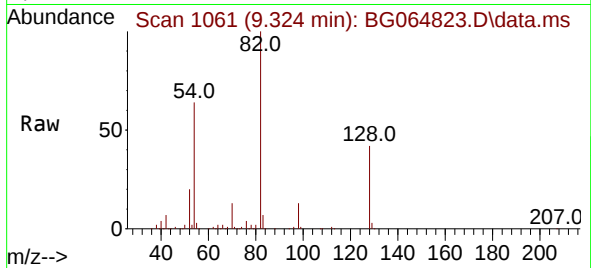




#23  
Nitrobenzene-d5  
Concen: 79.576 ng  
RT: 9.324 min Scan# 1061  
Delta R.T. -0.006 min  
Lab File: BG064823.D  
Acq: 19 Nov 2025 20:06

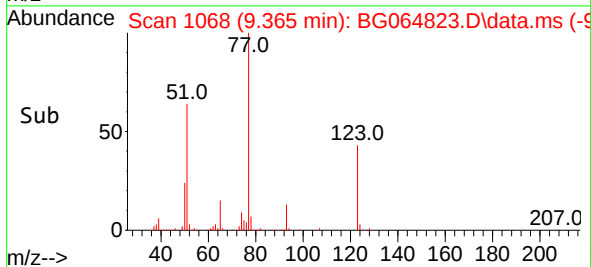
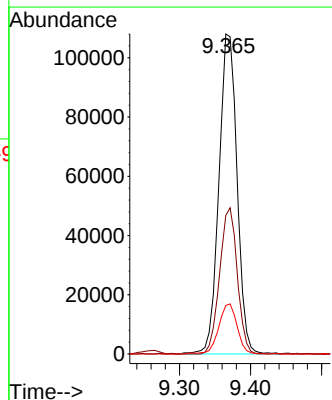
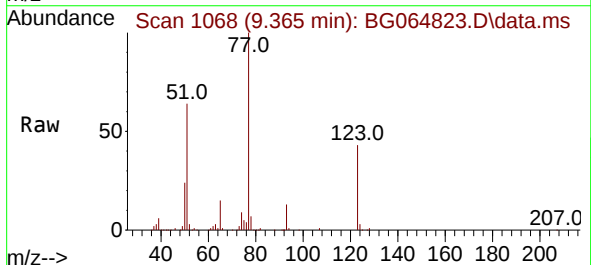
Instrument :  
BNA\_G  
ClientSampleId :  
PB170608BS

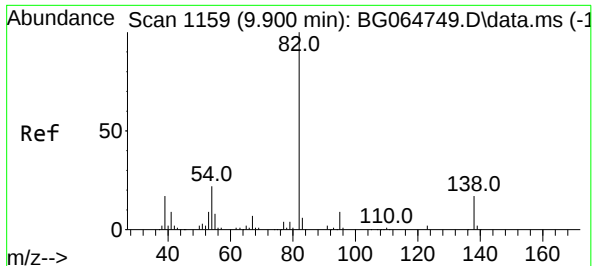
Tgt Ion: 82 Resp: 359346  
Ion Ratio Lower Upper  
82 100  
128 42.1 34.1 51.1  
54 64.0 54.3 81.5



#24  
Nitrobenzene  
Concen: 41.826 ng  
RT: 9.365 min Scan# 1068  
Delta R.T. -0.006 min  
Lab File: BG064823.D  
Acq: 19 Nov 2025 20:06

Tgt Ion: 77 Resp: 190844  
Ion Ratio Lower Upper  
77 100  
123 43.3 36.5 54.7  
65 15.1 13.5 20.3

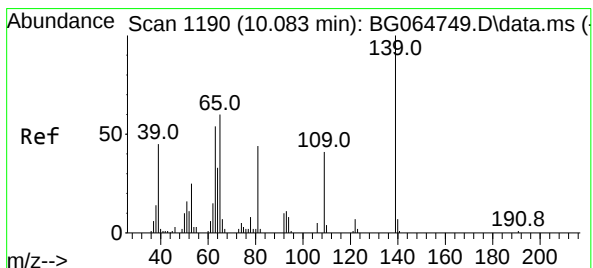
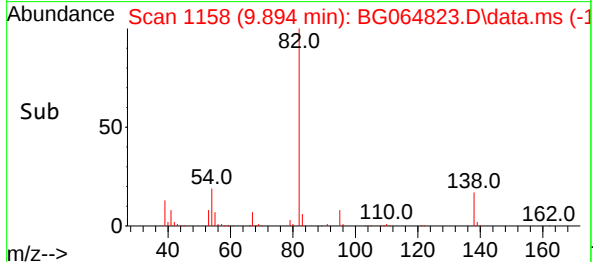
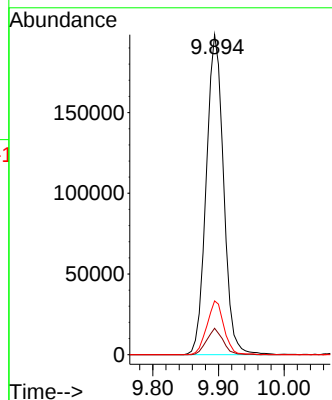
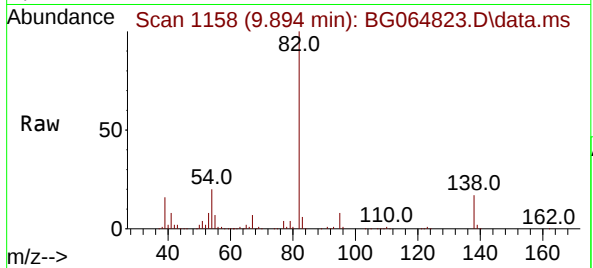




#25  
Isophorone  
Concen: 42.392 ng  
RT: 9.894 min Scan# 1158  
Delta R.T. -0.006 min  
Lab File: BG064823.D  
Acq: 19 Nov 2025 20:06

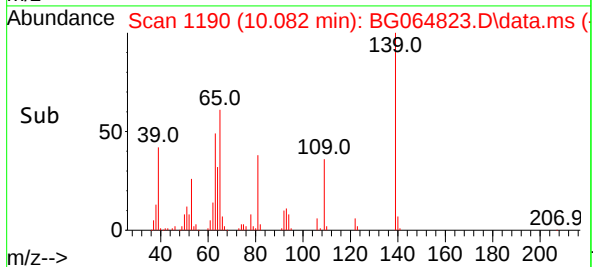
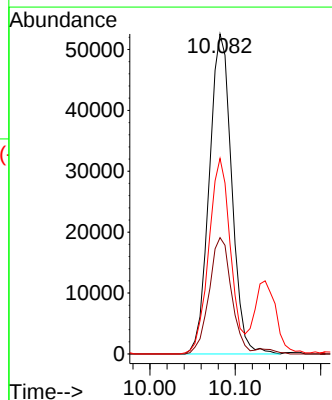
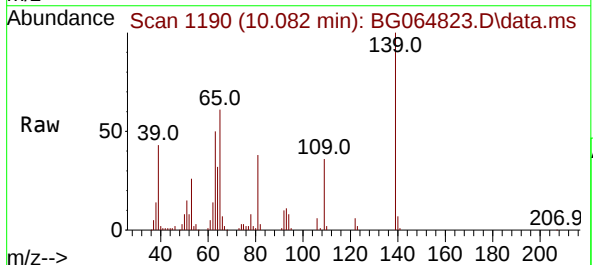
Instrument :  
BNA\_G  
ClientSampleId :  
PB170608BS

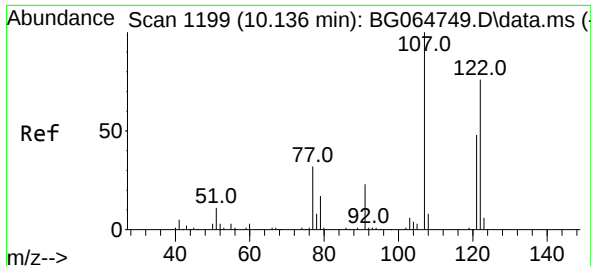
Tgt Ion: 82 Resp: 364546  
Ion Ratio Lower Upper  
82 100  
95 8.2 6.9 10.3  
138 16.8 13.9 20.9



#26  
2-Nitrophenol  
Concen: 46.727 ng  
RT: 10.082 min Scan# 1190  
Delta R.T. -0.001 min  
Lab File: BG064823.D  
Acq: 19 Nov 2025 20:06

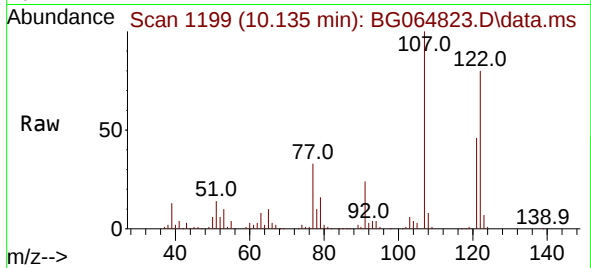
Tgt Ion:139 Resp: 95899  
Ion Ratio Lower Upper  
139 100  
109 36.3 32.5 48.7  
65 61.1 47.6 71.4



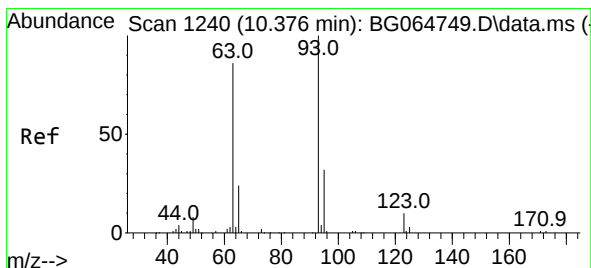
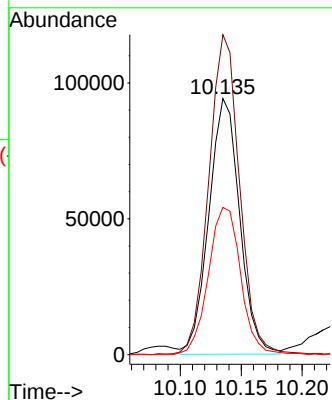
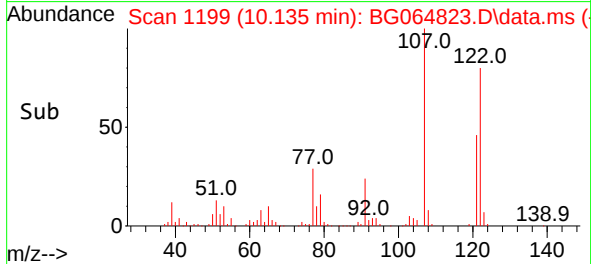


#27  
2,4-Dimethylphenol  
Concen: 45.367 ng  
RT: 10.135 min Scan# 1199  
Delta R.T. -0.001 min  
Lab File: BG064823.D  
Acq: 19 Nov 2025 20:06

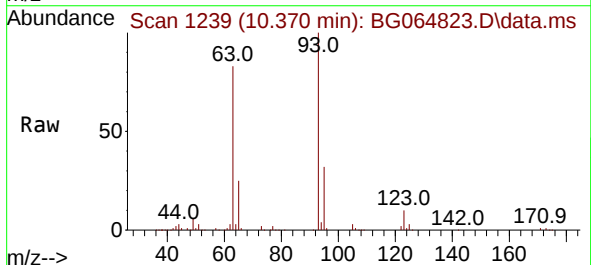
Instrument :  
BNA\_G  
ClientSampleId :  
PB170608BS



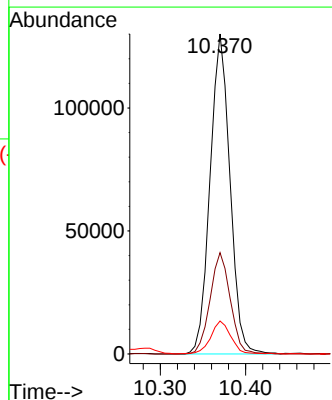
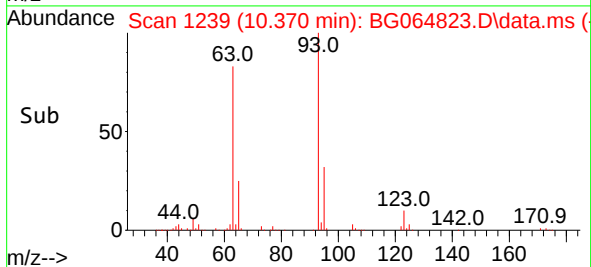
Tgt Ion:122 Resp: 165411  
Ion Ratio Lower Upper  
122 100  
107 124.9 102.5 153.7  
121 57.5 49.0 73.6

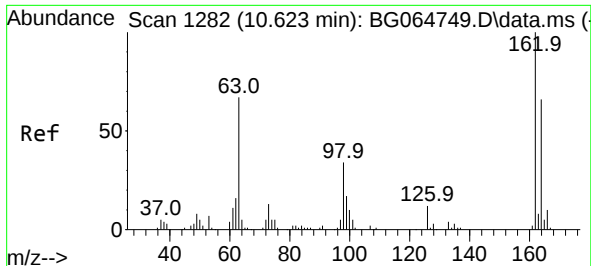


#28  
bis(2-Chloroethoxy)methane  
Concen: 44.662 ng  
RT: 10.370 min Scan# 1239  
Delta R.T. -0.006 min  
Lab File: BG064823.D  
Acq: 19 Nov 2025 20:06



Tgt Ion: 93 Resp: 210850  
Ion Ratio Lower Upper  
93 100  
95 31.6 25.4 38.2  
123 10.3 8.1 12.1





#29

2,4-Dichlorophenol

Concen: 47.384 ng

RT: 10.623 min Scan# 1

Delta R.T. -0.001 min

Lab File: BG064823.D

Acq: 19 Nov 2025 20:06

Instrument :

BNA\_G

ClientSampleId :

PB170608BS

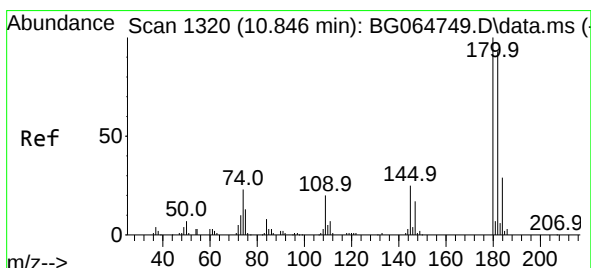
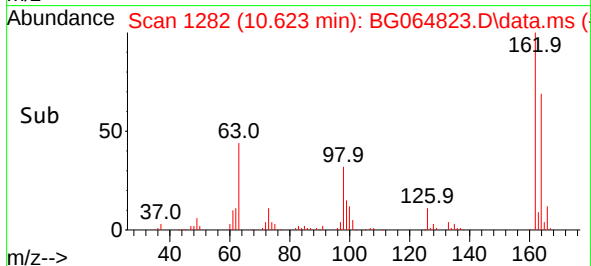
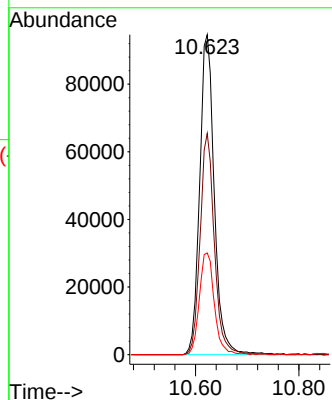
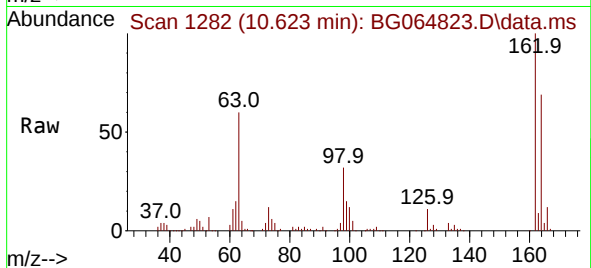
Tgt Ion:162 Resp: 185483

Ion Ratio Lower Upper

162 100

164 69.2 46.0 86.0

98 31.8 14.2 54.2



#30

1,2,4-Trichlorobenzene

Concen: 44.022 ng

RT: 10.840 min Scan# 1319

Delta R.T. -0.006 min

Lab File: BG064823.D

Acq: 19 Nov 2025 20:06

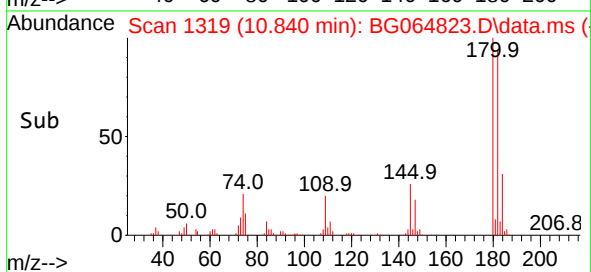
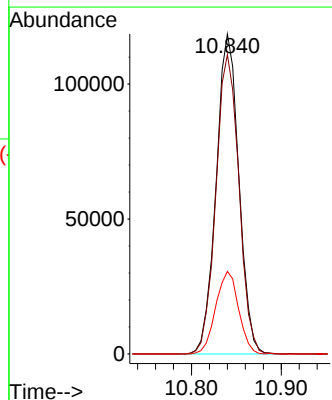
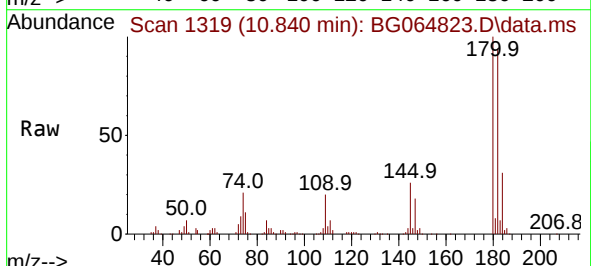
Tgt Ion:180 Resp: 208085

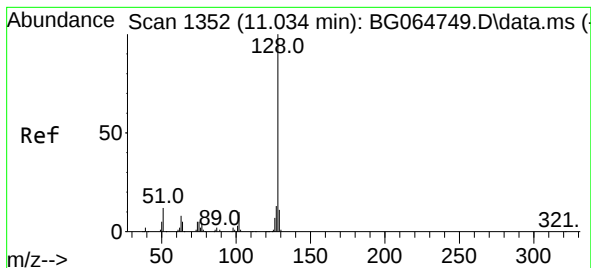
Ion Ratio Lower Upper

180 100

182 93.6 74.2 111.4

145 25.8 20.0 30.0

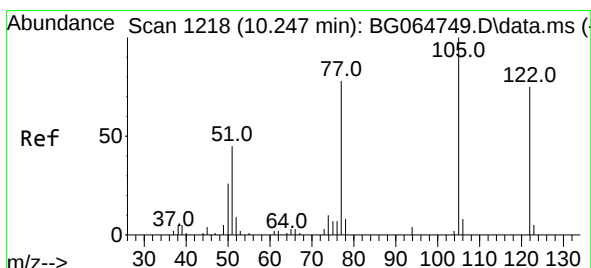
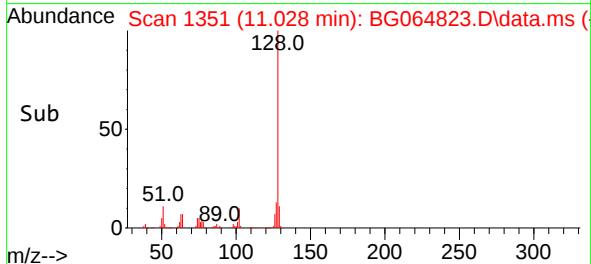
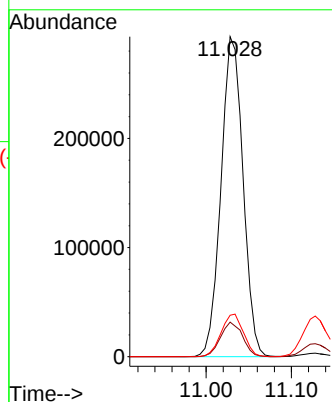
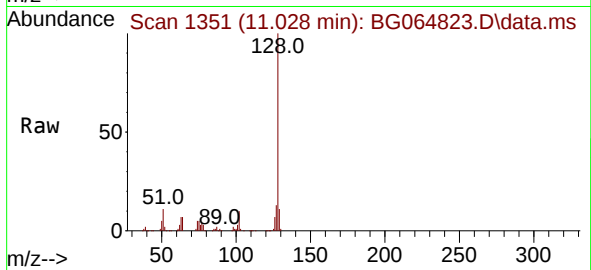




#31  
Naphthalene  
Concen: 41.614 ng  
RT: 11.028 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BG064823.D  
Acq: 19 Nov 2025 20:06

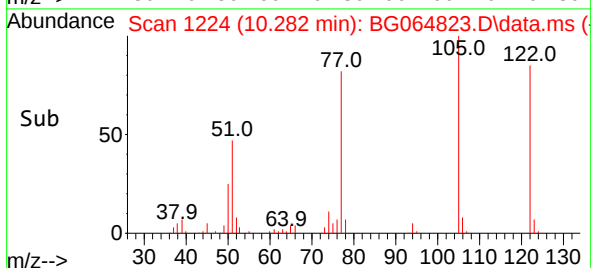
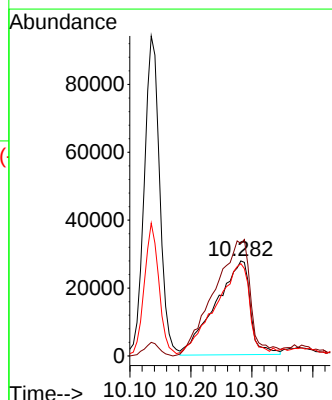
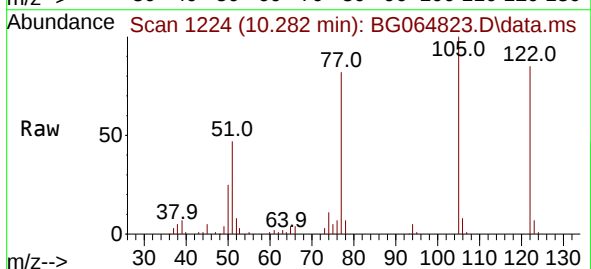
Instrument :  
BNA\_G  
ClientSampleId :  
PB170608BS

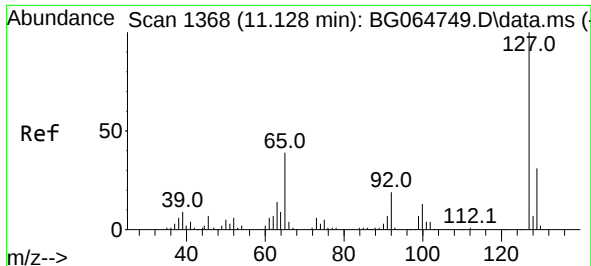
Tgt Ion:128 Resp: 526696  
Ion Ratio Lower Upper  
128 100  
129 10.8 8.6 12.8  
127 12.9 10.6 16.0



#32  
Benzoic acid  
Concen: 43.380 ng  
RT: 10.282 min Scan# 1224  
Delta R.T. 0.035 min  
Lab File: BG064823.D  
Acq: 19 Nov 2025 20:06

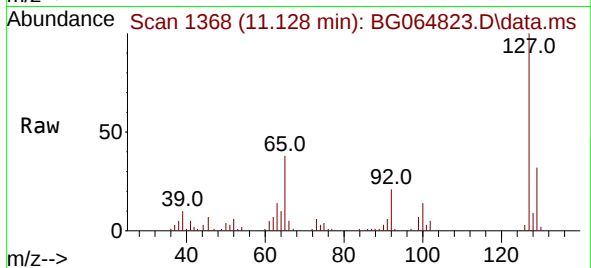
Tgt Ion:122 Resp: 109970  
Ion Ratio Lower Upper  
122 100  
105 118.2 107.6 147.6  
77 97.1 82.5 122.5



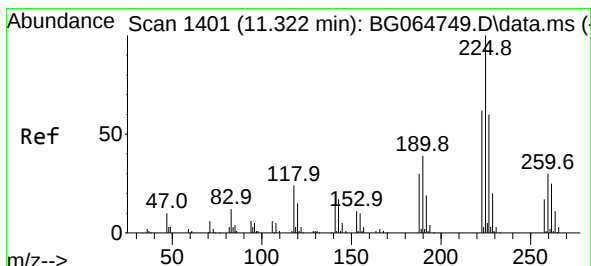
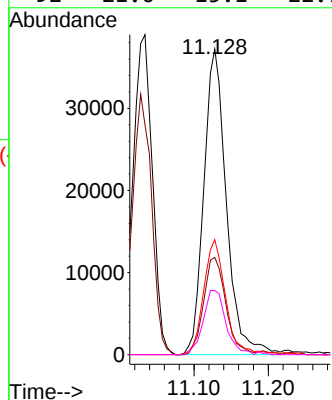
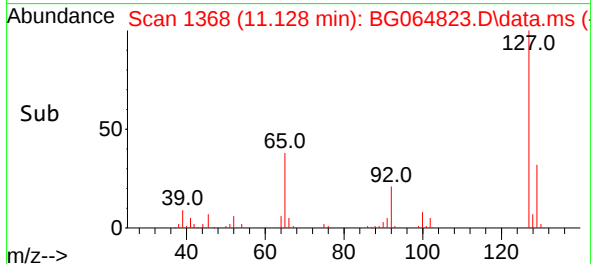


#33  
4-Chloroaniline  
Concen: 15.545 ng  
RT: 11.128 min Scan# 11  
Delta R.T. -0.001 min  
Lab File: BG064823.D  
Acq: 19 Nov 2025 20:06

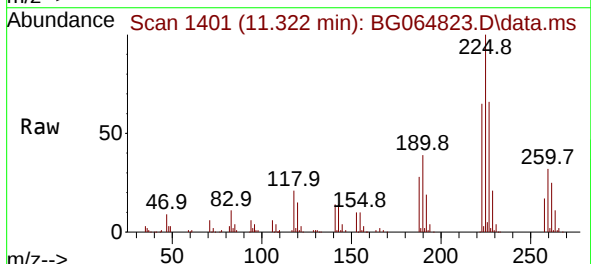
Instrument :  
BNA\_G  
ClientSampleId :  
PB170608BS



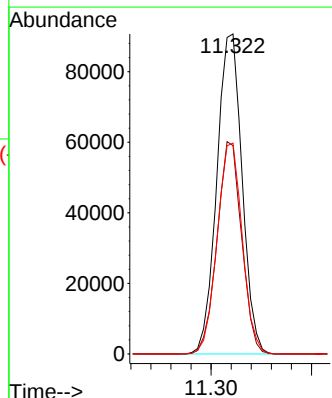
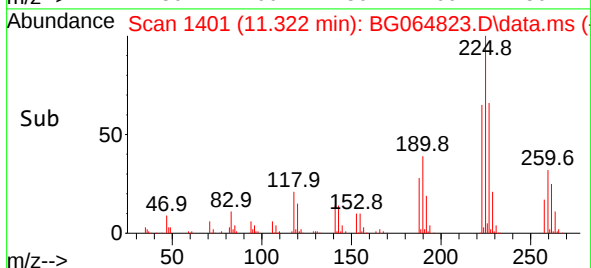
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 127   | Resp: | 78706 |
| Ion      | Ratio | Lower | Upper |
| 127      | 100   |       |       |
| 129      | 31.8  | 24.9  | 37.3  |
| 65       | 37.7  | 30.9  | 46.3  |
| 92       | 21.0  | 15.1  | 22.7  |

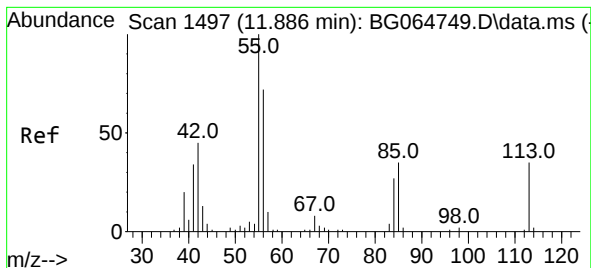


#34  
Hexachlorobutadiene  
Concen: 39.044 ng  
RT: 11.322 min Scan# 1401  
Delta R.T. -0.001 min  
Lab File: BG064823.D  
Acq: 19 Nov 2025 20:06



|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 158351 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 65.1  | 49.9  | 74.9   |
| 227      | 68.1  | 50.6  | 75.8   |





#35

Caprolactam

Concen: 24.151 ng

RT: 11.898 min Scan# 14

Delta R.T. 0.011 min

Lab File: BG064823.D

Acq: 19 Nov 2025 20:06

Instrument :

BNA\_G

ClientSampleId :

PB170608BS

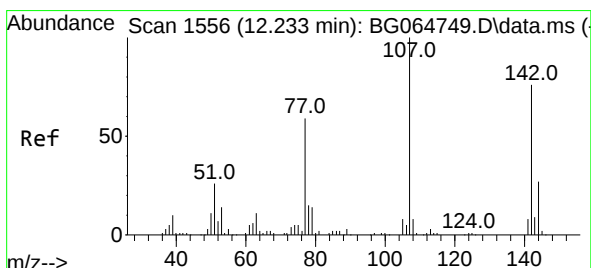
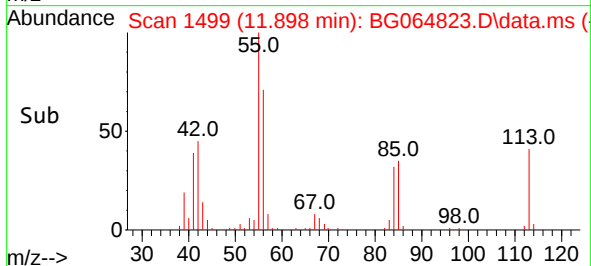
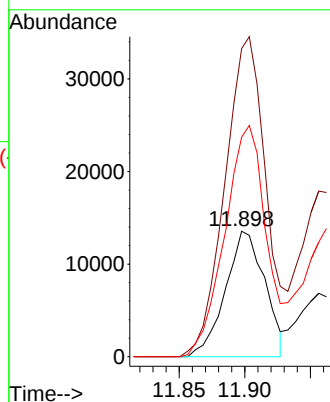
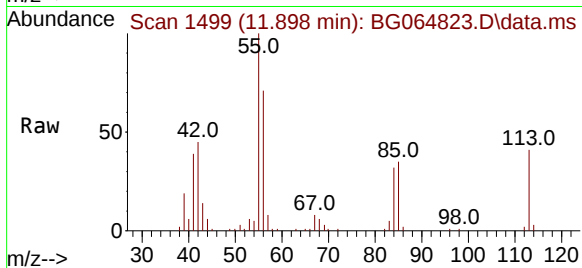
Tgt Ion:113 Resp: 28276

Ion Ratio Lower Upper

113 100

55 245.8 263.7 303.7#

56 175.1 184.0 224.0#



#36

4-Chloro-3-methylphenol

Concen: 45.038 ng

RT: 12.238 min Scan# 1557

Delta R.T. 0.005 min

Lab File: BG064823.D

Acq: 19 Nov 2025 20:06

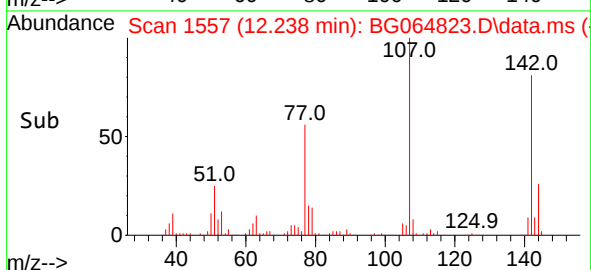
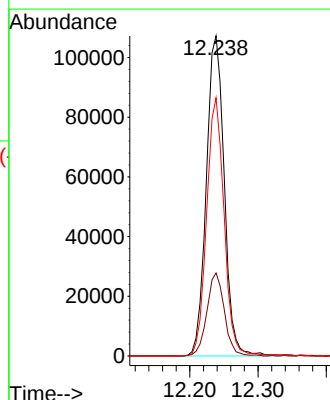
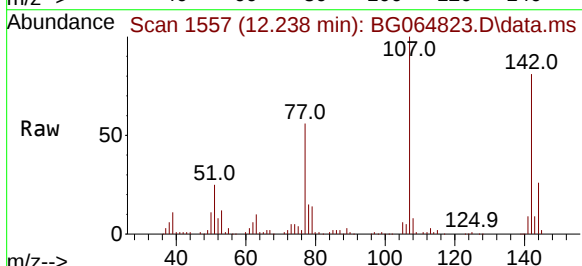
Tgt Ion:107 Resp: 196229

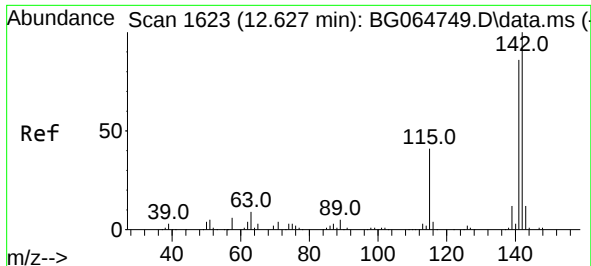
Ion Ratio Lower Upper

107 100

144 26.0 21.7 32.5

142 80.7 60.8 91.2

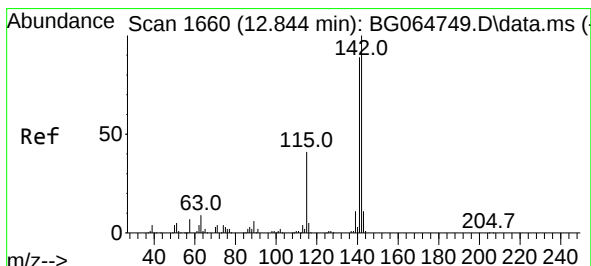
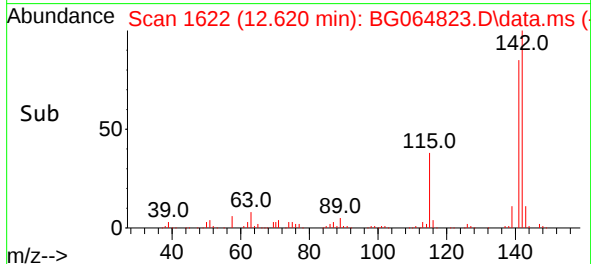
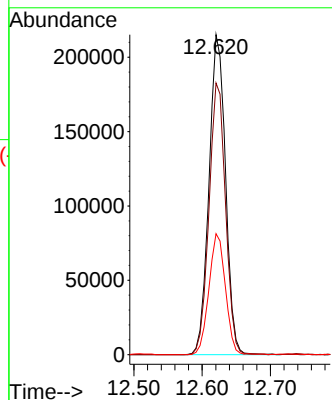
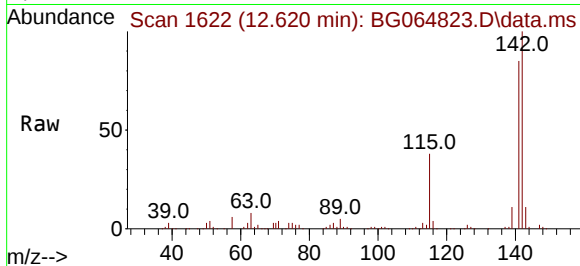




#37  
2-Methylnaphthalene  
Concen: 38.299 ng  
RT: 12.620 min Scan# 1622  
Delta R.T. -0.006 min  
Lab File: BG064823.D  
Acq: 19 Nov 2025 20:06

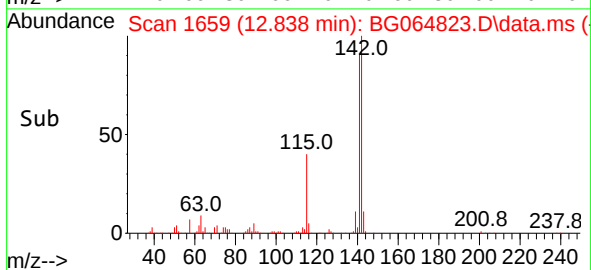
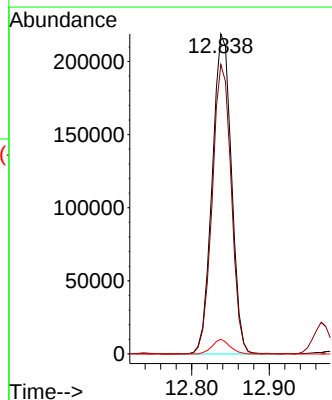
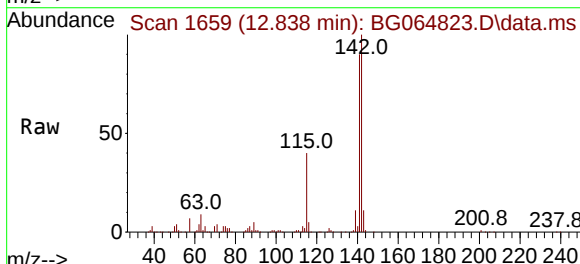
Instrument :  
BNA\_G  
ClientSampleId :  
PB170608BS

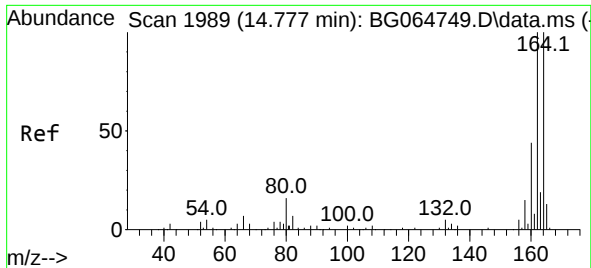
Tgt Ion:142 Resp: 362747  
Ion Ratio Lower Upper  
142 100  
141 84.9 69.1 103.7  
115 37.8 32.9 49.3



#38  
1-Methylnaphthalene  
Concen: 40.005 ng  
RT: 12.838 min Scan# 1659  
Delta R.T. -0.006 min  
Lab File: BG064823.D  
Acq: 19 Nov 2025 20:06

Tgt Ion:142 Resp: 376388  
Ion Ratio Lower Upper  
142 100  
141 90.5 70.8 106.2  
116 4.6 3.7 5.5

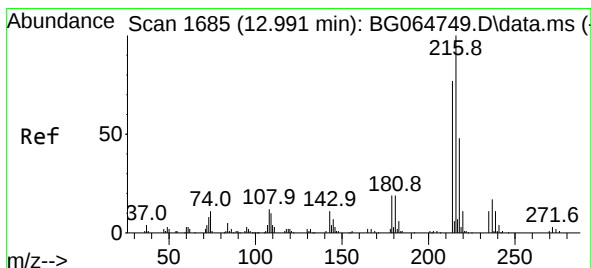
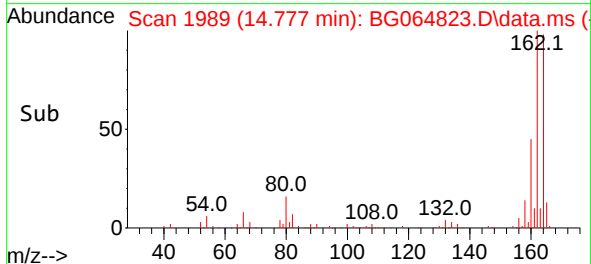
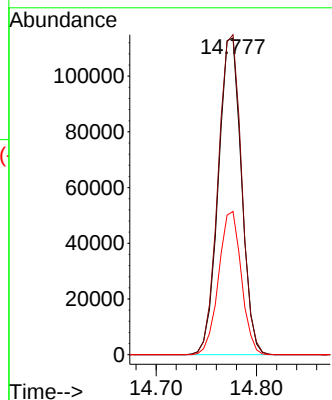
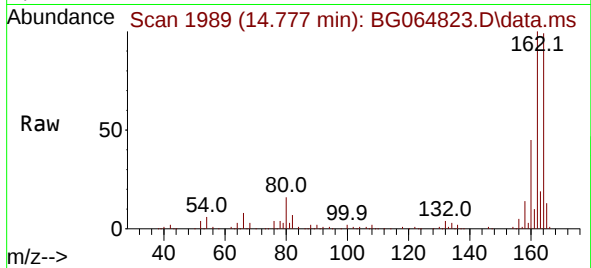




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.777 min Scan# 1989  
Delta R.T. -0.001 min  
Lab File: BG064823.D  
Acq: 19 Nov 2025 20:06

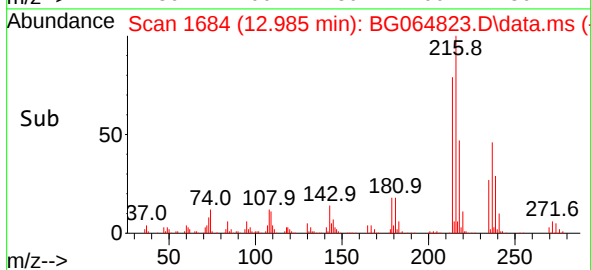
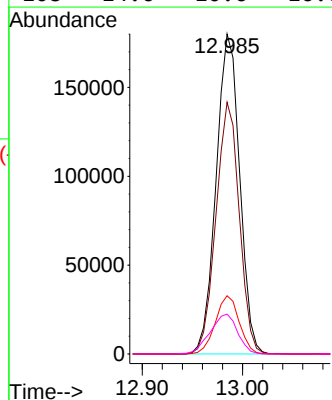
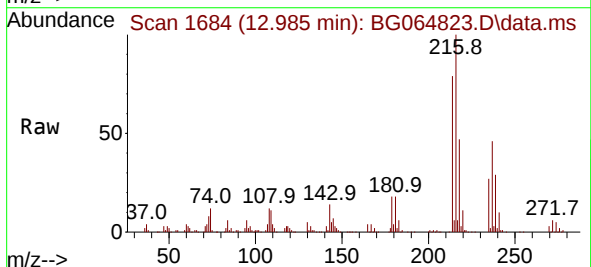
Instrument :  
BNA\_G  
ClientSampleId :  
PB170608BS

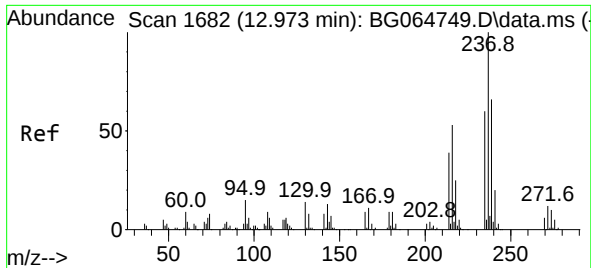
Tgt Ion:164 Resp: 181414  
Ion Ratio Lower Upper  
164 100  
162 101.0 79.8 119.6  
160 45.2 34.9 52.3



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 41.486 ng  
RT: 12.985 min Scan# 1684  
Delta R.T. -0.006 min  
Lab File: BG064823.D  
Acq: 19 Nov 2025 20:06

Tgt Ion:216 Resp: 292898  
Ion Ratio Lower Upper  
216 100  
214 77.8 60.5 90.7  
179 18.4 14.7 22.1  
108 14.6 10.6 16.0

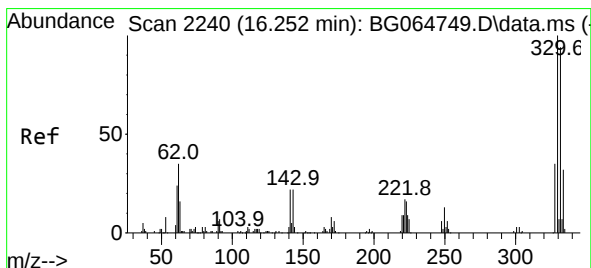
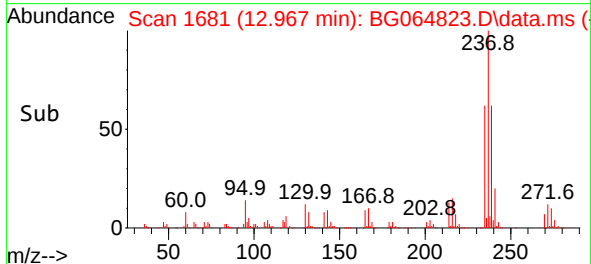
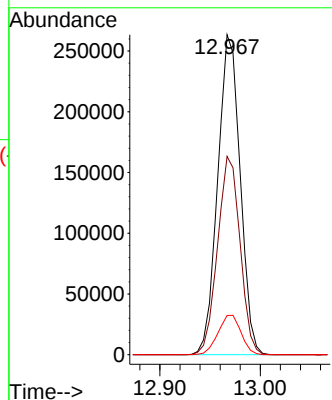
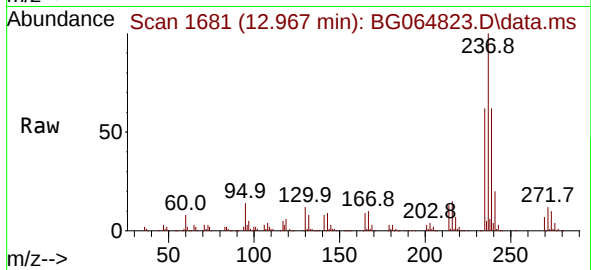




#41  
Hexachlorocyclopentadiene  
Concen: 80.784 ng  
RT: 12.967 min Scan# 1  
Delta R.T. -0.006 min  
Lab File: BG064823.D  
Acq: 19 Nov 2025 20:06

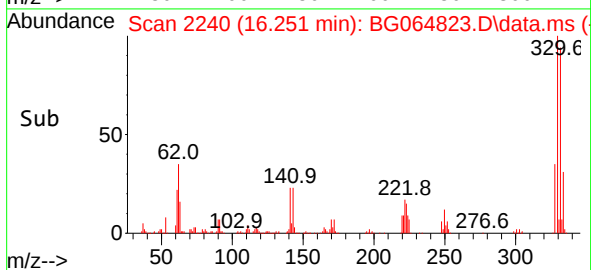
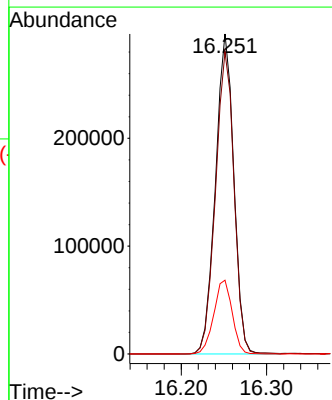
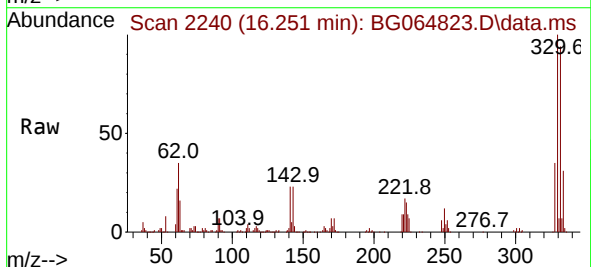
Instrument :  
BNA\_G  
ClientSampleId :  
PB170608BS

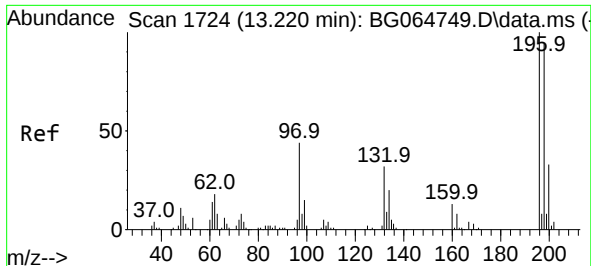
Tgt Ion:237 Resp: 408807  
Ion Ratio Lower Upper  
237 100  
235 61.9 40.2 80.2  
272 12.3 0.0 31.9



#42  
2,4,6-Tribromophenol  
Concen: 125.245 ng  
RT: 16.251 min Scan# 2240  
Delta R.T. -0.001 min  
Lab File: BG064823.D  
Acq: 19 Nov 2025 20:06

Tgt Ion:330 Resp: 443133  
Ion Ratio Lower Upper  
330 100  
332 95.2 77.0 115.6  
141 23.1 18.2 27.2





#43

2,4,6-Trichlorophenol

Concen: 46.015 ng

RT: 13.214 min Scan# 1

Delta R.T. -0.006 min

Lab File: BG064823.D

Acq: 19 Nov 2025 20:06

Instrument :

BNA\_G

ClientSampleId :

PB170608BS

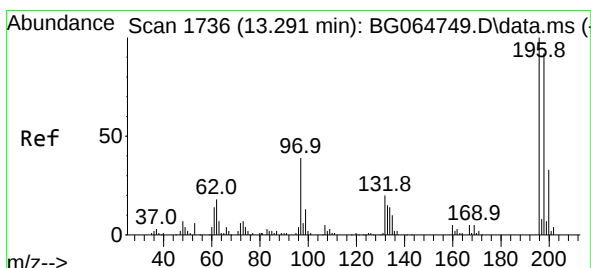
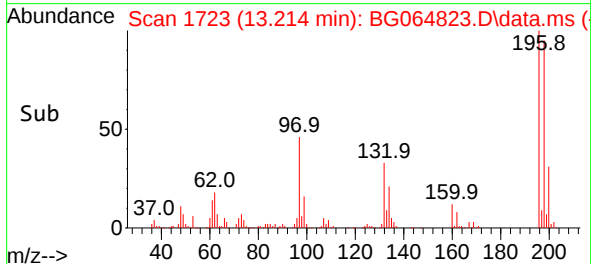
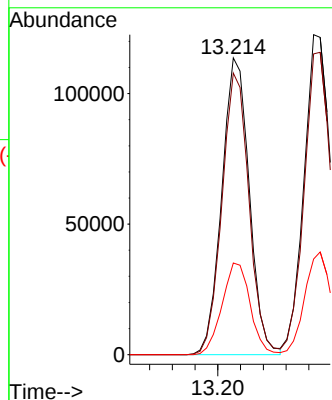
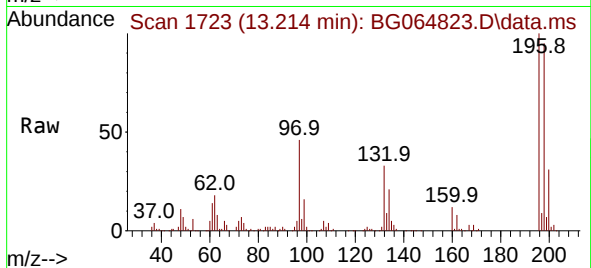
Tgt Ion:196 Resp: 190670

Ion Ratio Lower Upper

196 100

198 94.9 75.3 112.9

200 30.9 26.2 39.2



#44

2,4,5-Trichlorophenol

Concen: 45.723 ng

RT: 13.284 min Scan# 1735

Delta R.T. -0.006 min

Lab File: BG064823.D

Acq: 19 Nov 2025 20:06

Tgt Ion:196 Resp: 212496

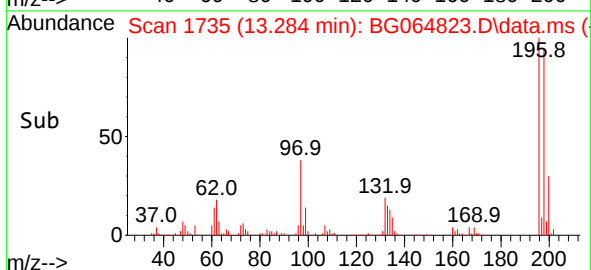
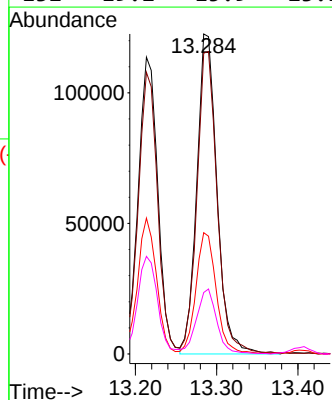
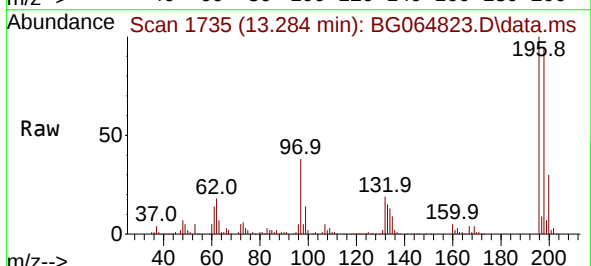
Ion Ratio Lower Upper

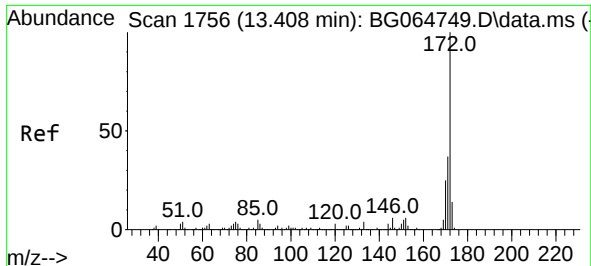
196 100

198 94.0 73.2 109.8

97 37.9 31.4 47.0

132 19.2 15.9 23.9

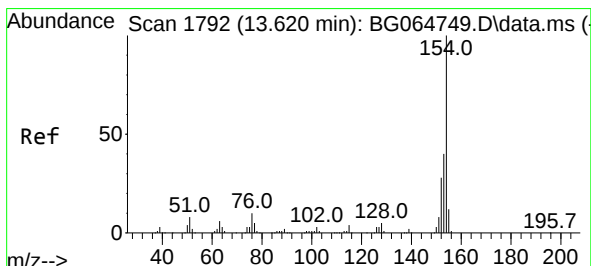
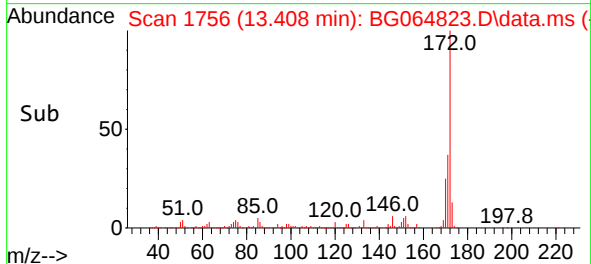
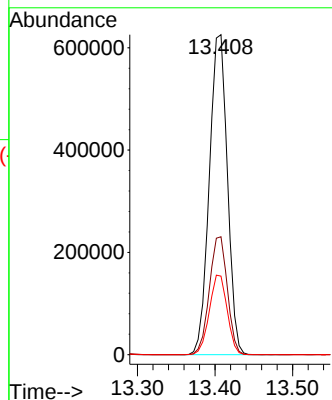
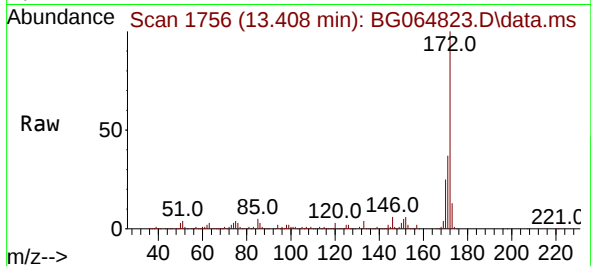




#45  
2-Fluorobiphenyl  
Concen: 77.905 ng  
RT: 13.408 min Scan# 1756  
Delta R.T. -0.001 min  
Lab File: BG064823.D  
Acq: 19 Nov 2025 20:06

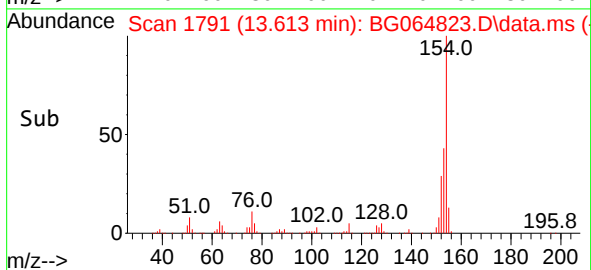
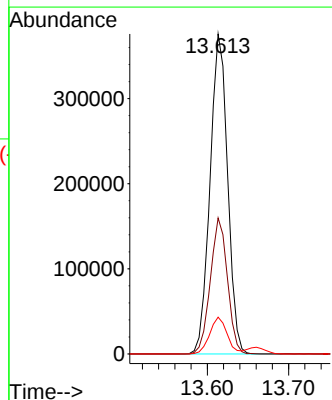
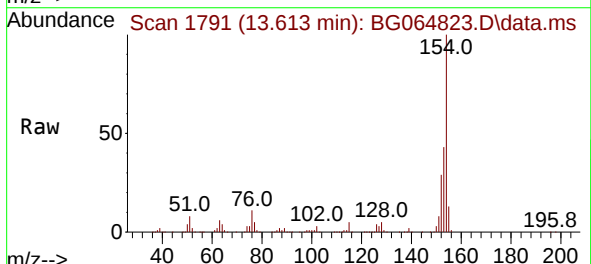
Instrument :  
BNA\_G  
ClientSampleId :  
PB170608BS

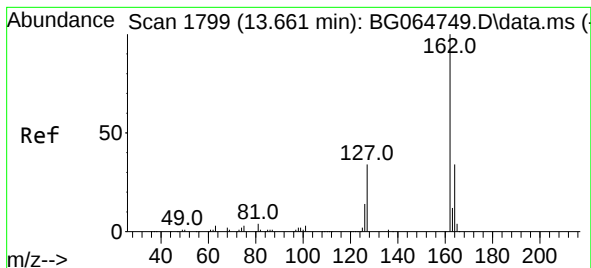
Tgt Ion:172 Resp: 1012877  
Ion Ratio Lower Upper  
172 100  
171 36.8 29.9 44.9  
170 24.5 19.8 29.6



#46  
1,1'-Biphenyl  
Concen: 43.274 ng  
RT: 13.613 min Scan# 1791  
Delta R.T. -0.006 min  
Lab File: BG064823.D  
Acq: 19 Nov 2025 20:06

Tgt Ion:154 Resp: 563855  
Ion Ratio Lower Upper  
154 100  
153 42.5 19.8 59.8  
76 11.5 0.0 30.0

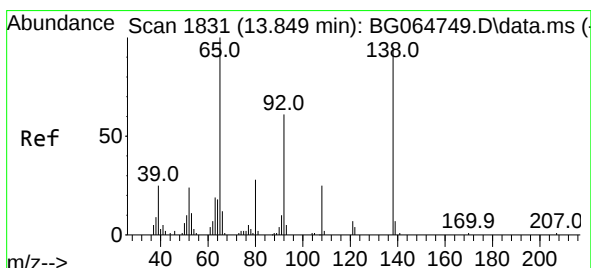
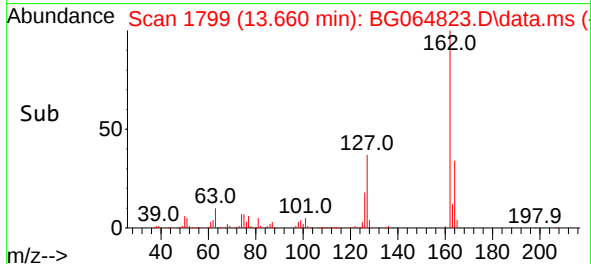
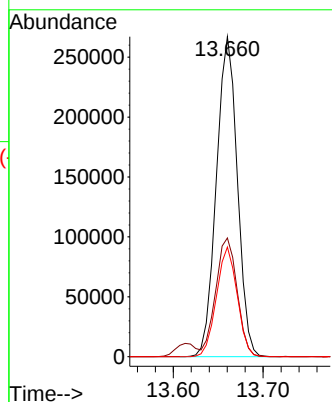
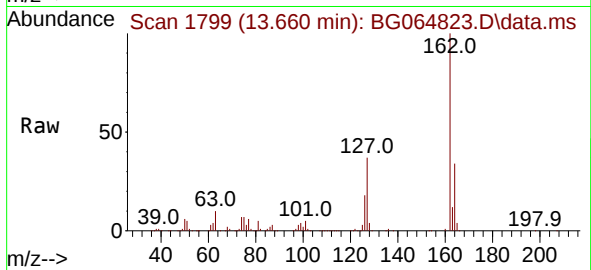




#47  
2-Chloronaphthalene  
Concen: 42.192 ng  
RT: 13.660 min Scan# 11  
Delta R.T. -0.001 min  
Lab File: BG064823.D  
Acq: 19 Nov 2025 20:06

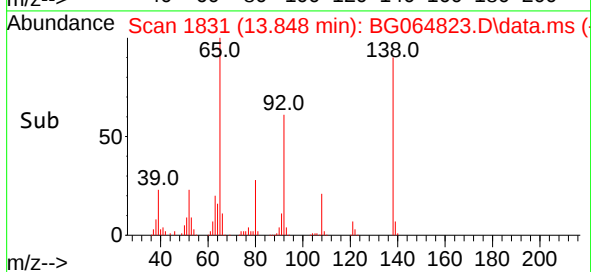
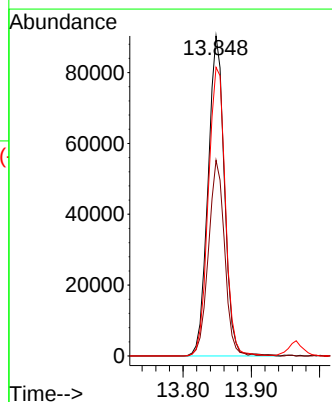
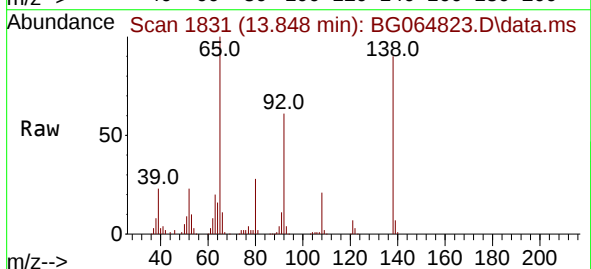
Instrument :  
BNA\_G  
ClientSampleId :  
PB170608BS

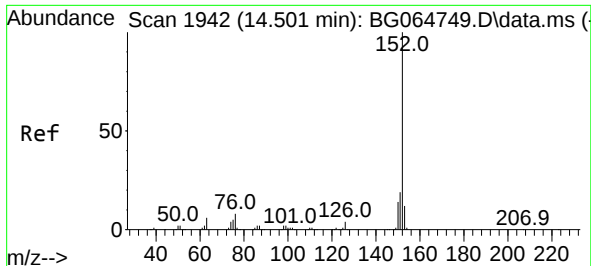
Tgt Ion:162 Resp: 433108  
Ion Ratio Lower Upper  
162 100  
127 37.1 30.3 45.5  
164 34.3 26.8 40.2



#48  
2-Nitroaniline  
Concen: 45.707 ng  
RT: 13.848 min Scan# 1831  
Delta R.T. -0.001 min  
Lab File: BG064823.D  
Acq: 19 Nov 2025 20:06

Tgt Ion: 65 Resp: 150912  
Ion Ratio Lower Upper  
65 100  
92 61.2 48.6 73.0  
138 90.2 76.4 114.6

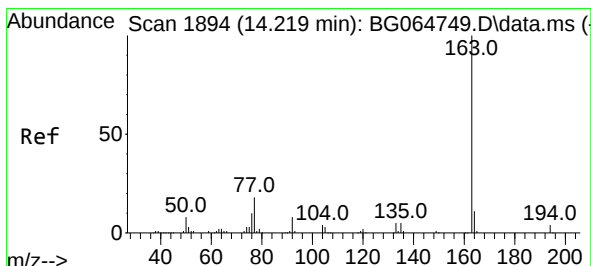
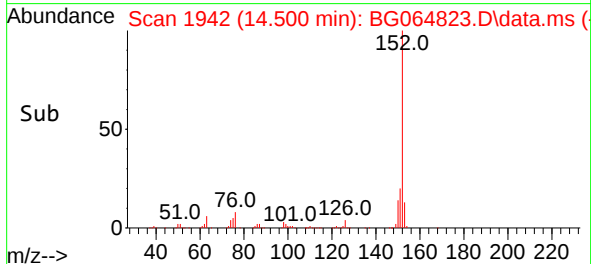
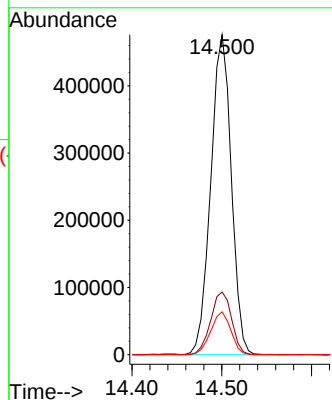
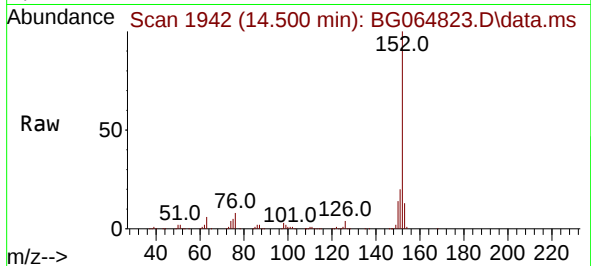




#49  
Acenaphthylene  
Concen: 43.034 ng  
RT: 14.500 min Scan# 1942  
Delta R.T. -0.001 min  
Lab File: BG064823.D  
Acq: 19 Nov 2025 20:06

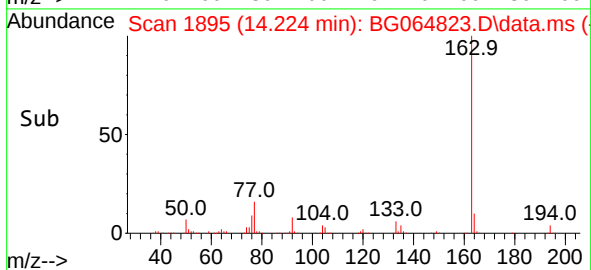
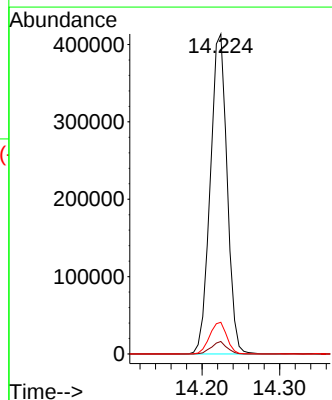
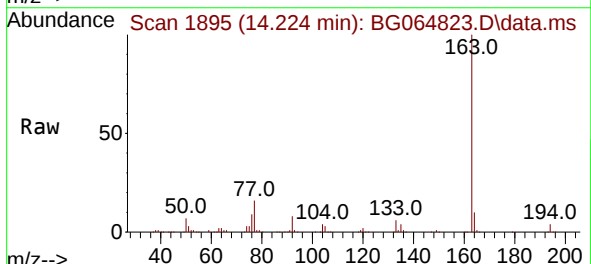
Instrument :  
BNA\_G  
ClientSampleId :  
PB170608BS

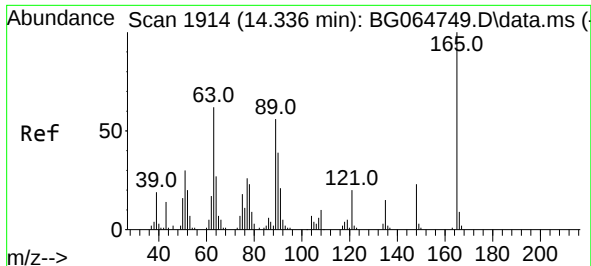
Tgt Ion:152 Resp: 754701  
Ion Ratio Lower Upper  
152 100  
151 19.6 15.0 22.4  
153 13.4 9.9 14.9



#50  
Dimethylphthalate  
Concen: 43.585 ng  
RT: 14.224 min Scan# 1895  
Delta R.T. 0.005 min  
Lab File: BG064823.D  
Acq: 19 Nov 2025 20:06

Tgt Ion:163 Resp: 624599  
Ion Ratio Lower Upper  
163 100  
194 3.9 3.1 4.7  
164 9.9 8.6 12.8

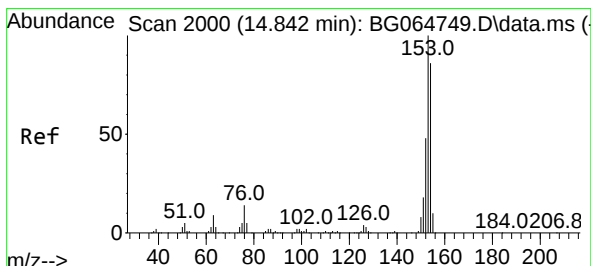
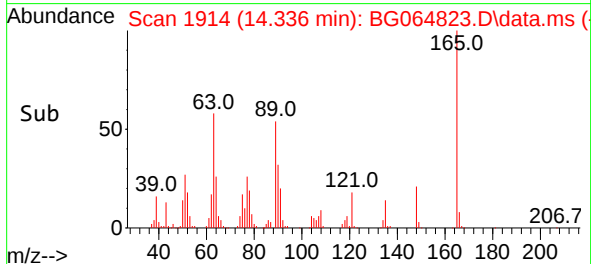
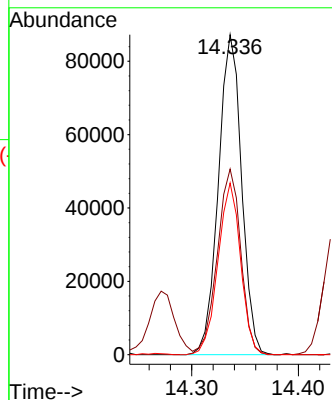
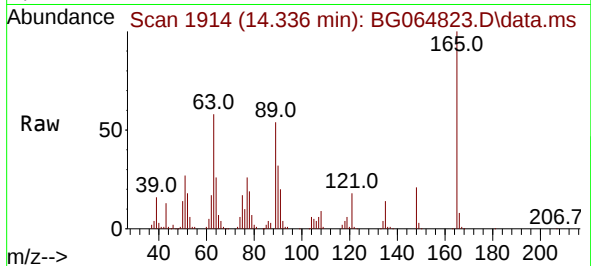




#51  
2,6-Dinitrotoluene  
Concen: 47.711 ng  
RT: 14.336 min Scan# 1914  
Delta R.T. -0.001 min  
Lab File: BG064823.D  
Acq: 19 Nov 2025 20:06

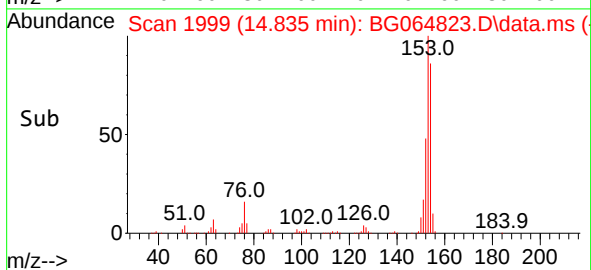
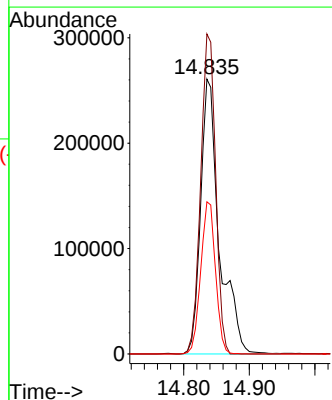
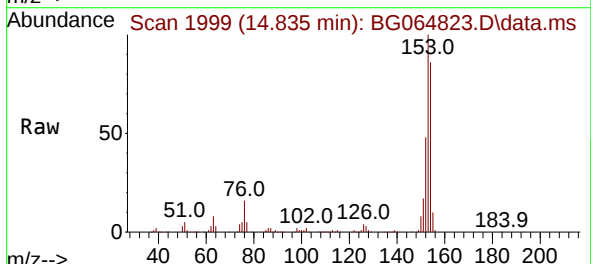
Instrument :  
BNA\_G  
ClientSampleId :  
PB170608BS

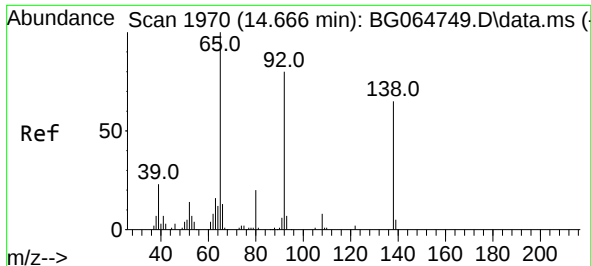
Tgt Ion:165 Resp: 131564  
Ion Ratio Lower Upper  
165 100  
63 58.0 49.8 74.8  
89 53.6 45.0 67.4



#52  
Acenaphthene  
Concen: 49.297 ng  
RT: 14.835 min Scan# 1999  
Delta R.T. -0.006 min  
Lab File: BG064823.D  
Acq: 19 Nov 2025 20:06

Tgt Ion:154 Resp: 518356  
Ion Ratio Lower Upper  
154 100  
153 116.4 93.0 139.4  
152 55.4 44.4 66.6

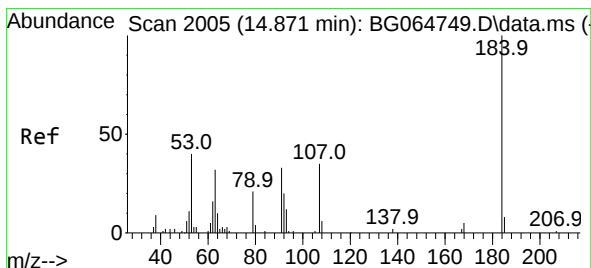
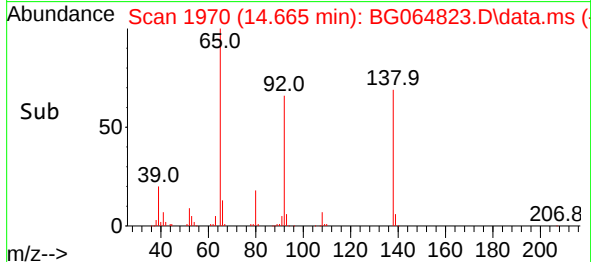
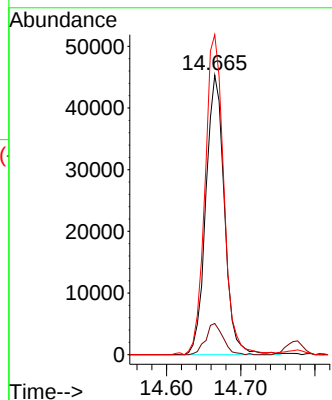
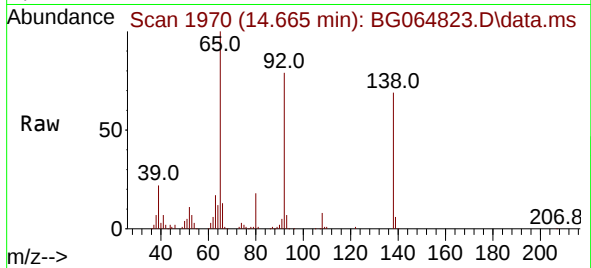




#53  
3-Nitroaniline  
Concen: 28.907 ng  
RT: 14.665 min Scan# 1970  
Delta R.T. -0.001 min  
Lab File: BG064823.D  
Acq: 19 Nov 2025 20:06

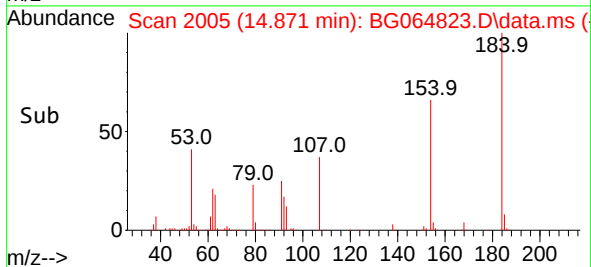
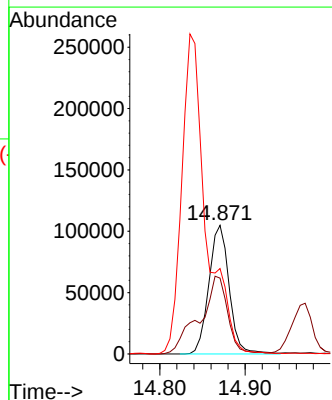
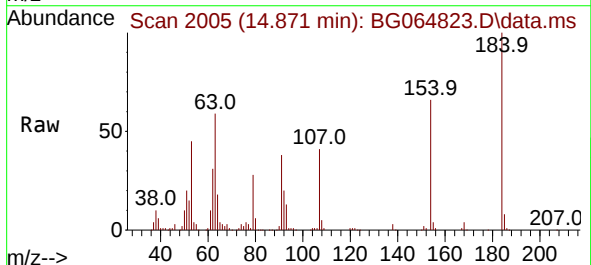
Instrument :  
BNA\_G  
ClientSampleId :  
PB170608BS

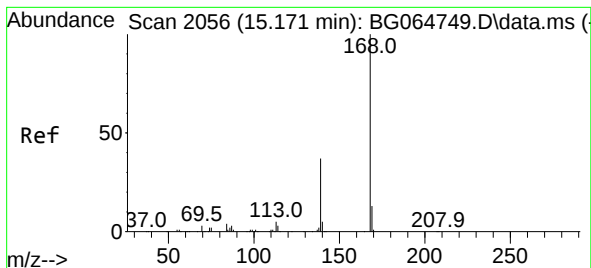
Tgt Ion:138 Resp: 78675  
Ion Ratio Lower Upper  
138 100  
108 11.2 9.5 14.3  
92 114.4 99.0 148.4



#54  
2,4-Dinitrophenol  
Concen: 90.594 ng  
RT: 14.871 min Scan# 2005  
Delta R.T. -0.000 min  
Lab File: BG064823.D  
Acq: 19 Nov 2025 20:06

Tgt Ion:184 Resp: 173531  
Ion Ratio Lower Upper  
184 100  
63 59.0 45.8 68.6  
154 66.5 52.6 78.8





#55

Dibenzofuran

Concen: 42.632 ng

RT: 15.170 min Scan# 2056

Delta R.T. -0.001 min

Lab File: BG064823.D

Acq: 19 Nov 2025 20:06

Instrument :

BNA\_G

ClientSampleId :

PB170608BS

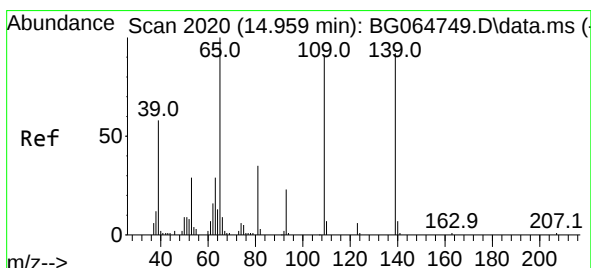
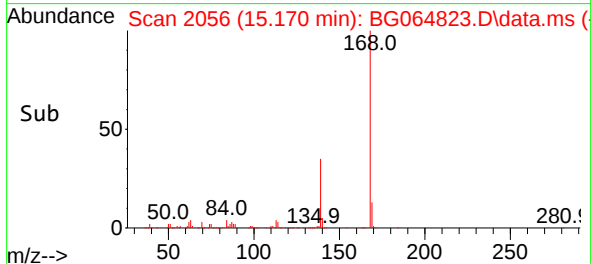
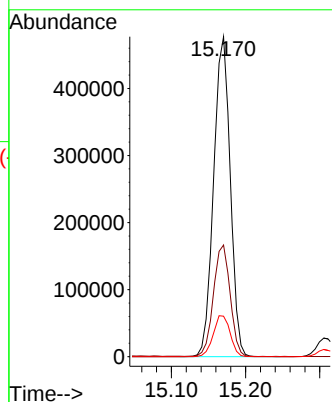
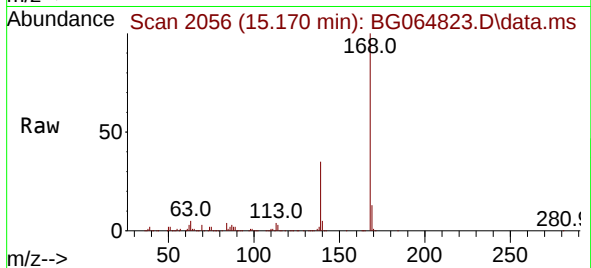
Tgt Ion:168 Resp: 741111

Ion Ratio Lower Upper

168 100

139 34.9 29.5 44.3

169 12.7 10.4 15.6



#56

4-Nitrophenol

Concen: 95.465 ng

RT: 14.970 min Scan# 2022

Delta R.T. 0.011 min

Lab File: BG064823.D

Acq: 19 Nov 2025 20:06

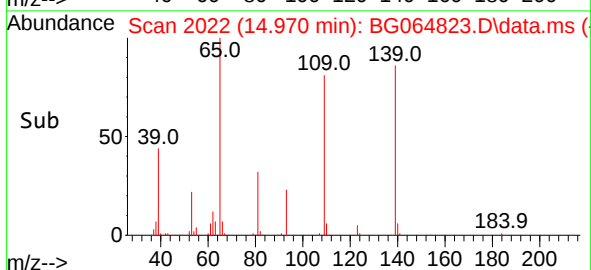
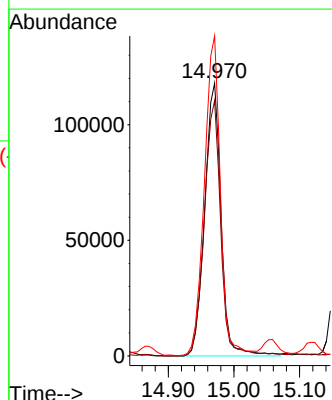
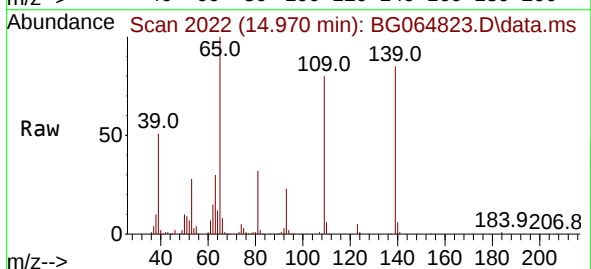
Tgt Ion:139 Resp: 206142

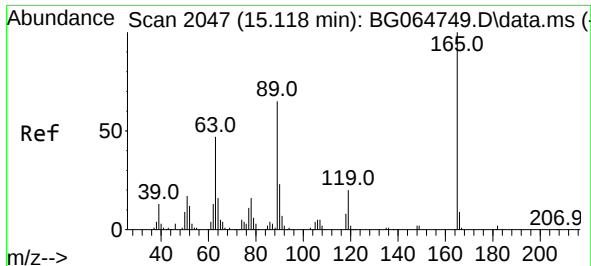
Ion Ratio Lower Upper

139 100

109 93.6 79.7 119.7

65 117.3 89.9 129.9

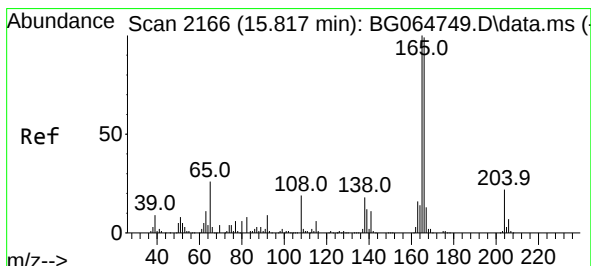
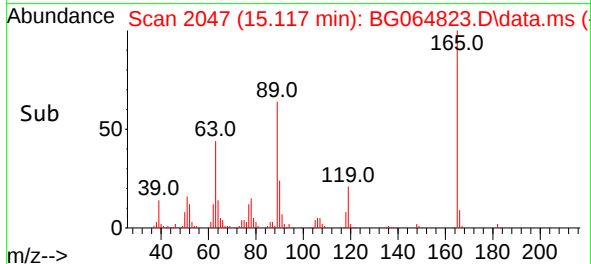
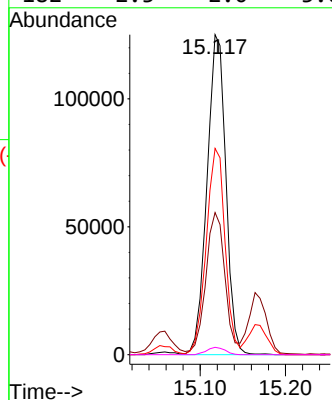
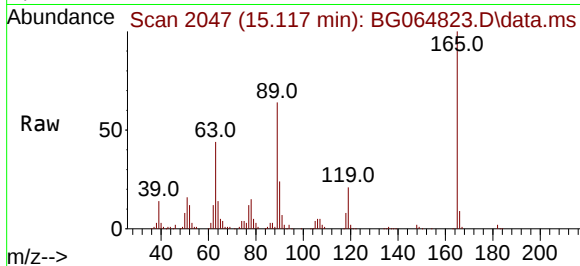




#57  
2,4-Dinitrotoluene  
Concen: 46.561 ng  
RT: 15.117 min Scan# 2047  
Delta R.T. -0.001 min  
Lab File: BG064823.D  
Acq: 19 Nov 2025 20:06

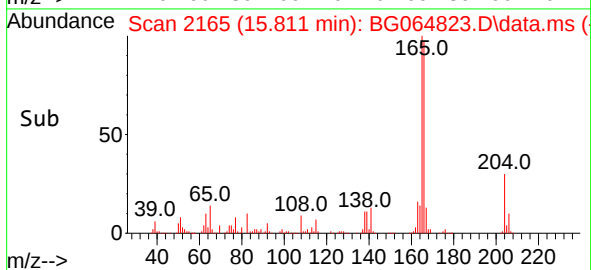
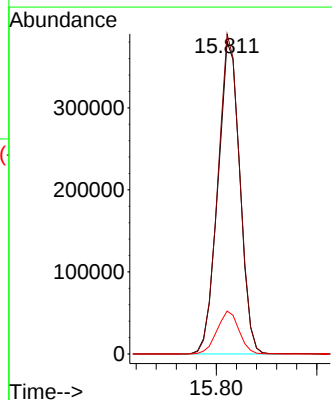
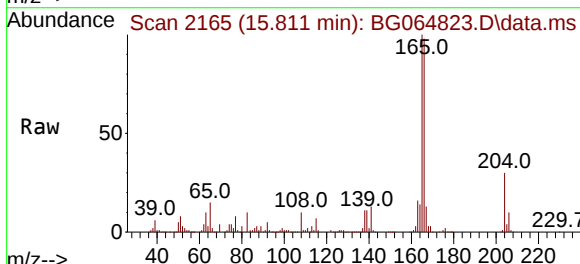
Instrument :  
BNA\_G  
ClientSampleId :  
PB170608BS

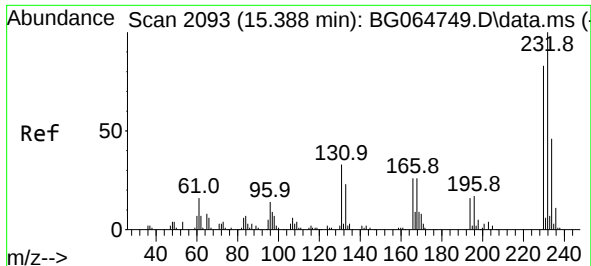
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 165   | Resp: | 192488 |
| Ion      | Ratio | Lower | Upper  |
| 165      | 100   |       |        |
| 63       | 44.4  | 37.8  | 56.6   |
| 89       | 64.4  | 51.6  | 77.4   |
| 182      | 2.3   | 2.0   | 3.0    |



#58  
Fluorene  
Concen: 42.348 ng  
RT: 15.811 min Scan# 2165  
Delta R.T. -0.006 min  
Lab File: BG064823.D  
Acq: 19 Nov 2025 20:06

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 166   | Resp: | 577386 |
| Ion      | Ratio | Lower | Upper  |
| 166      | 100   |       |        |
| 165      | 102.4 | 80.5  | 120.7  |
| 167      | 13.7  | 10.3  | 15.5   |



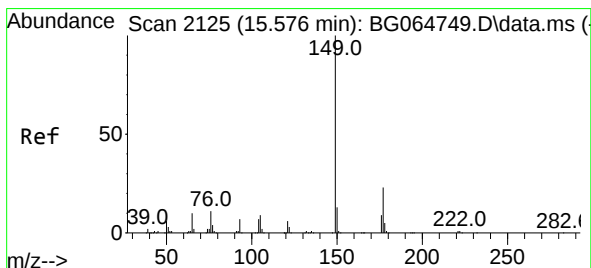
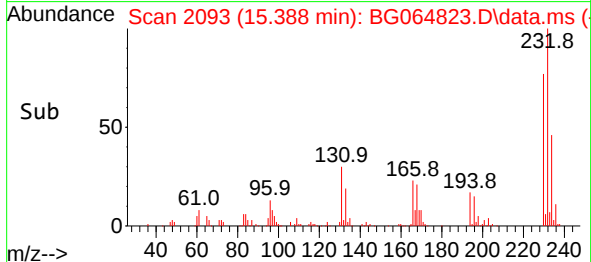
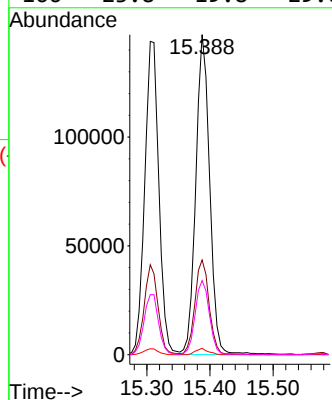
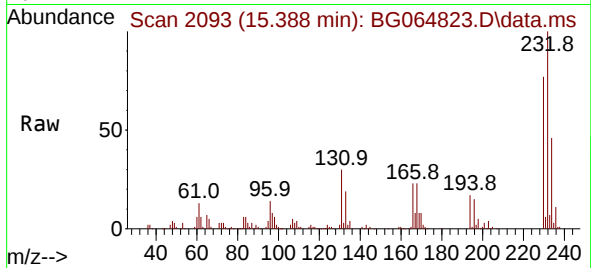


#59  
2,3,4,6-Tetrachlorophenol  
Concen: 48.794 ng  
RT: 15.388 min Scan# 2093  
Delta R.T. -0.001 min  
Lab File: BG064823.D  
Acq: 19 Nov 2025 20:06

Instrument :  
BNA\_G  
ClientSampleId :  
PB170608BS

Tgt Ion:232 Resp: 223741

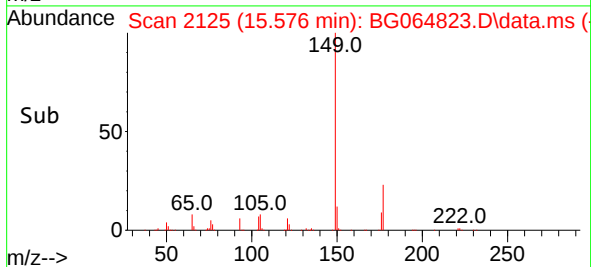
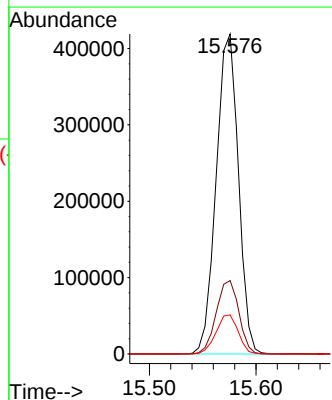
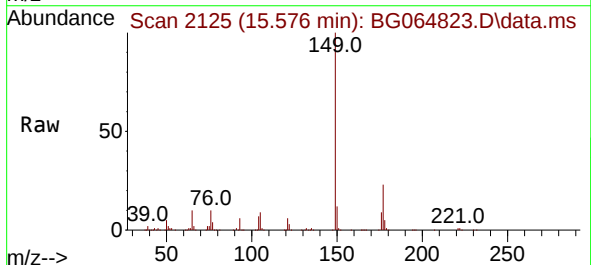
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 232 | 100   |       |       |
| 131 | 30.5  | 26.0  | 39.0  |
| 130 | 1.8   | 1.6   | 2.4   |
| 166 | 23.8  | 19.8  | 29.6  |

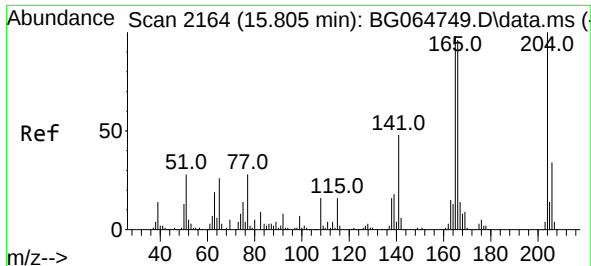


#60  
Diethylphthalate  
Concen: 44.053 ng  
RT: 15.576 min Scan# 2125  
Delta R.T. -0.001 min  
Lab File: BG064823.D  
Acq: 19 Nov 2025 20:06

Tgt Ion:149 Resp: 604754

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 177 | 22.9  | 18.4  | 27.6  |
| 150 | 12.2  | 10.1  | 15.1  |

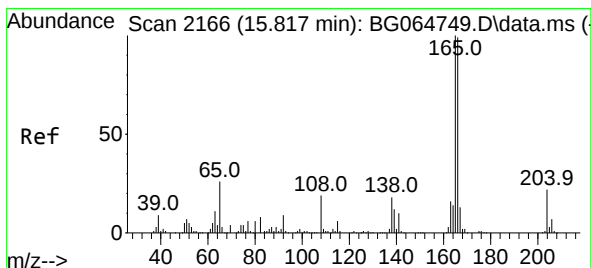
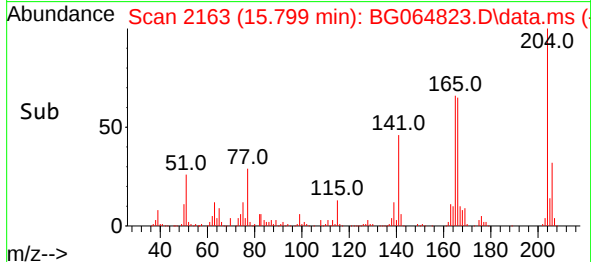
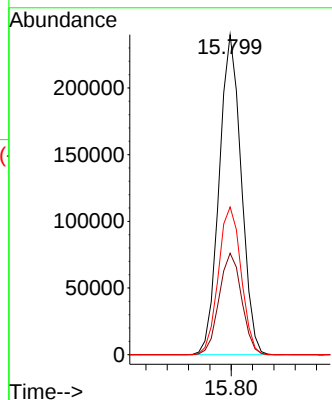
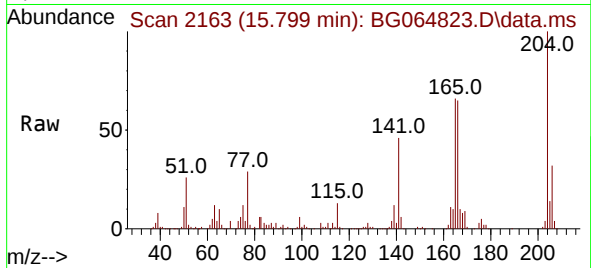




#61  
4-Chlorophenyl-phenylether  
Concen: 42.024 ng  
RT: 15.799 min Scan# 2163  
Delta R.T. -0.006 min  
Lab File: BG064823.D  
Acq: 19 Nov 2025 20:06

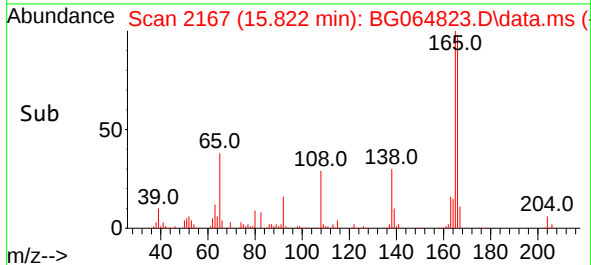
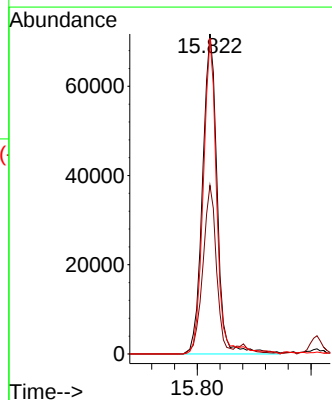
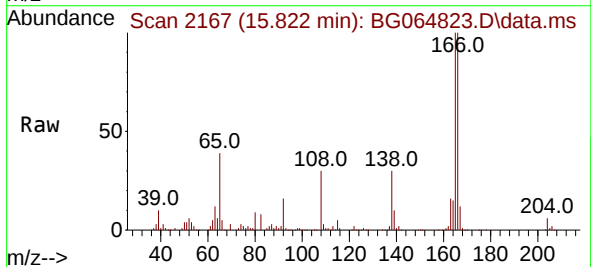
Instrument :  
BNA\_G  
ClientSampleId :  
PB170608BS

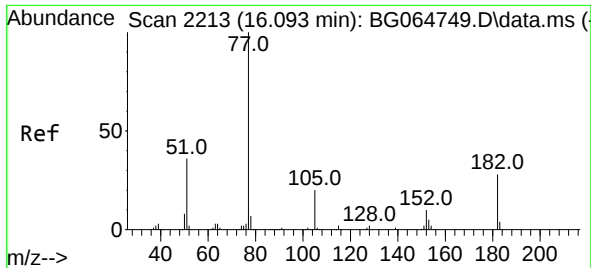
Tgt Ion:204 Resp: 343853  
Ion Ratio Lower Upper  
204 100  
206 31.7 26.9 40.3  
141 46.2 38.1 57.1



#62  
4-Nitroaniline  
Concen: 45.201 ng  
RT: 15.822 min Scan# 2167  
Delta R.T. 0.005 min  
Lab File: BG064823.D  
Acq: 19 Nov 2025 20:06

Tgt Ion:138 Resp: 127447  
Ion Ratio Lower Upper  
138 100  
92 52.7 30.7 70.7  
108 98.7 85.7 125.7

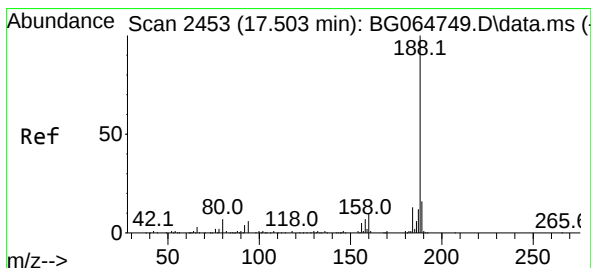
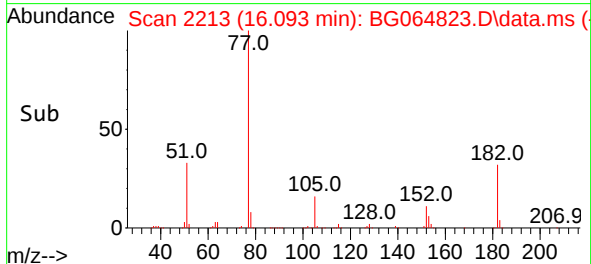
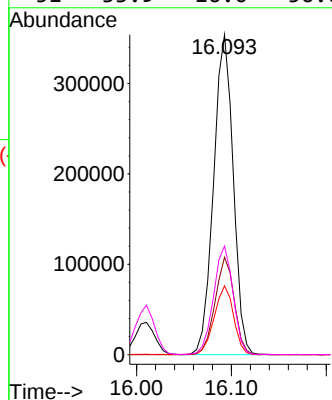
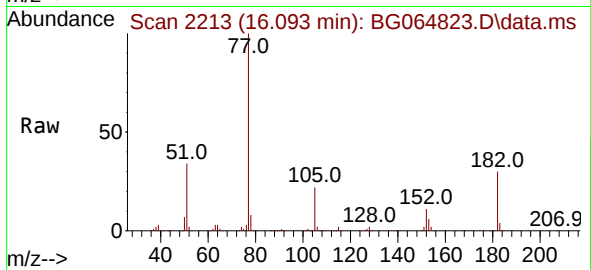




#63  
Azobenzene  
Concen: 44.583 ng  
RT: 16.093 min Scan# 21  
Delta R.T. -0.001 min  
Lab File: BG064823.D  
Acq: 19 Nov 2025 20:06

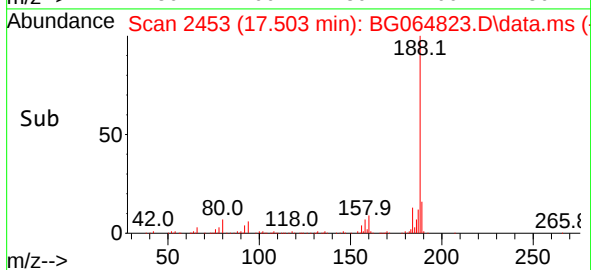
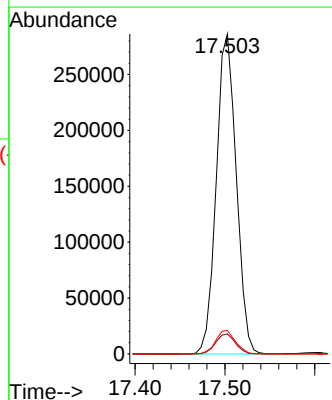
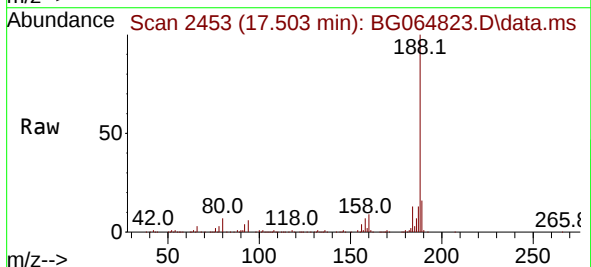
Instrument :  
BNA\_G  
ClientSampleId :  
PB170608BS

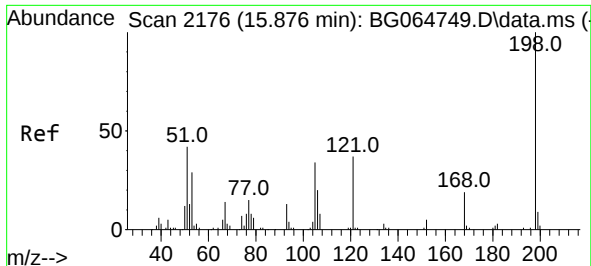
|             |              |
|-------------|--------------|
| Tgt Ion: 77 | Resp: 509065 |
| Ion Ratio   | Lower Upper  |
| 77 100      |              |
| 182 30.5    | 8.1 48.1     |
| 105 21.5    | 0.1 40.1     |
| 51 33.9     | 16.0 56.0    |



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.503 min Scan# 2453  
Delta R.T. -0.001 min  
Lab File: BG064823.D  
Acq: 19 Nov 2025 20:06

|             |              |
|-------------|--------------|
| Tgt Ion:188 | Resp: 441904 |
| Ion Ratio   | Lower Upper  |
| 188 100     |              |
| 94 6.3      | 4.7 7.1      |
| 80 7.3      | 5.4 8.2      |

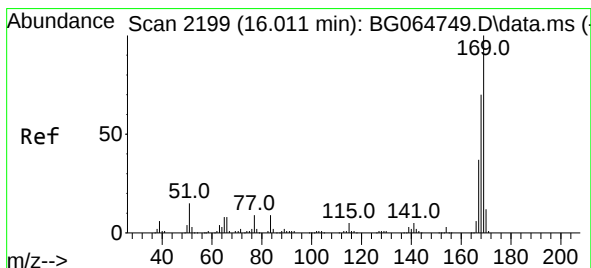
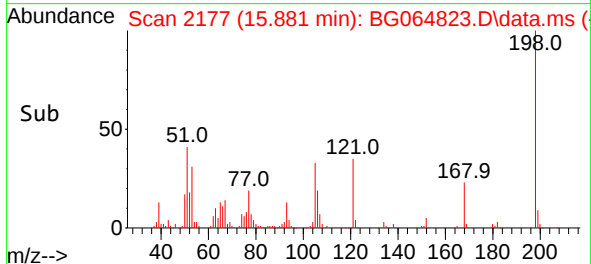
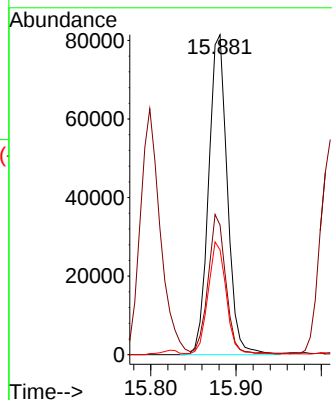
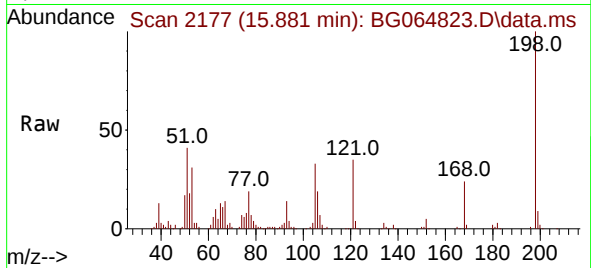




#65  
4,6-Dinitro-2-methylphenol  
Concen: 50.773 ng  
RT: 15.881 min Scan# 2177  
Delta R.T. 0.005 min  
Lab File: BG064823.D  
Acq: 19 Nov 2025 20:06

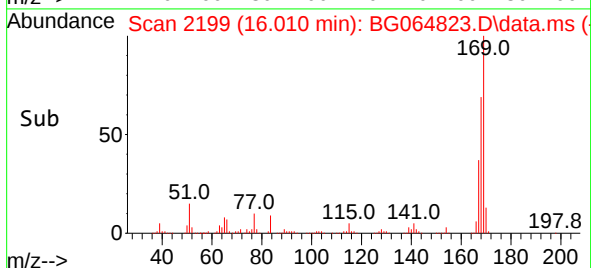
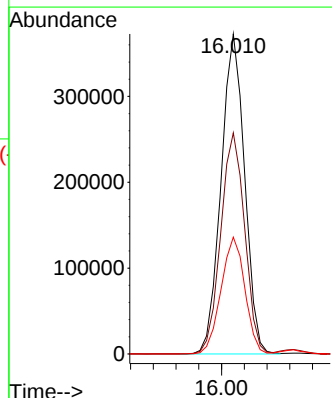
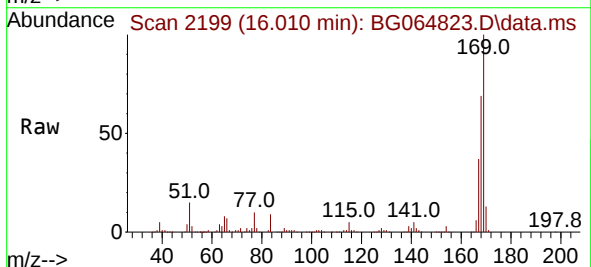
Instrument :  
BNA\_G  
ClientSampleId :  
PB170608BS

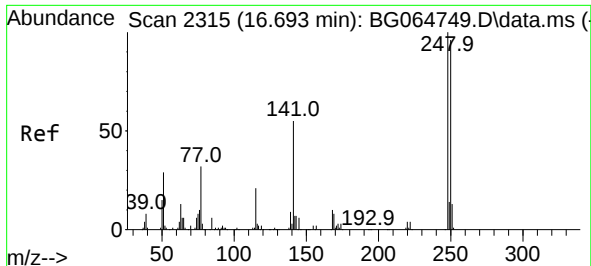
Tgt Ion:198 Resp: 124573  
Ion Ratio Lower Upper  
198 100  
51 40.5 25.2 65.2  
105 32.7 14.2 54.2



#66  
n-Nitrosodiphenylamine  
Concen: 46.246 ng  
RT: 16.010 min Scan# 2199  
Delta R.T. -0.001 min  
Lab File: BG064823.D  
Acq: 19 Nov 2025 20:06

Tgt Ion:169 Resp: 535297  
Ion Ratio Lower Upper  
169 100  
168 69.1 55.9 83.9  
167 36.5 29.8 44.6

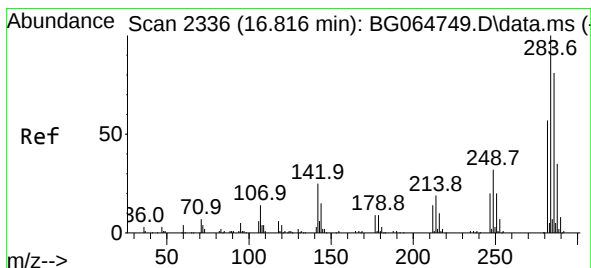
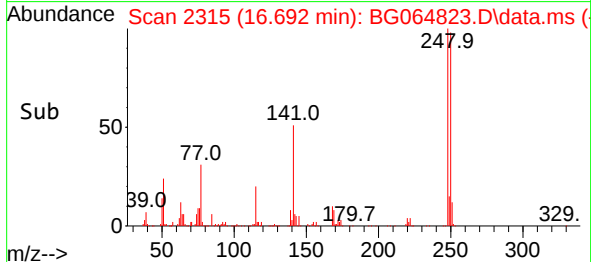
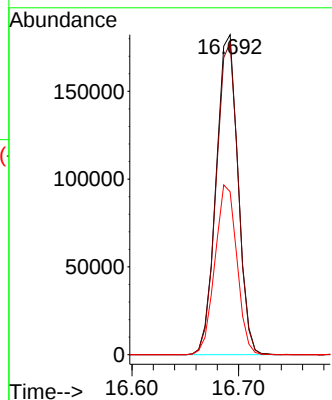
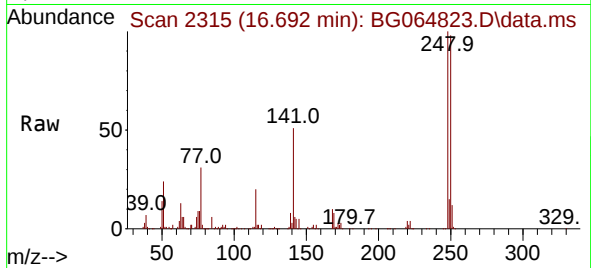




#67  
4-Bromophenyl-phenylether  
Concen: 44.619 ng  
RT: 16.692 min Scan# 21  
Delta R.T. -0.001 min  
Lab File: BG064823.D  
Acq: 19 Nov 2025 20:06

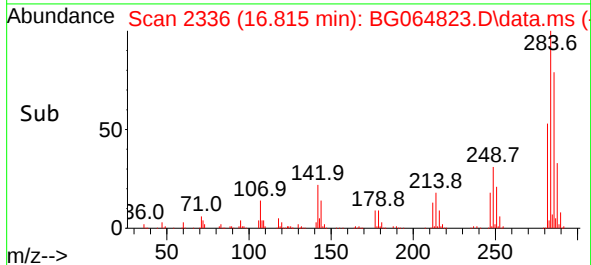
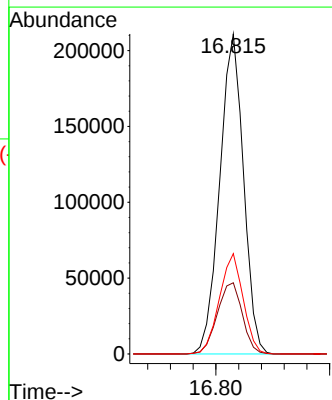
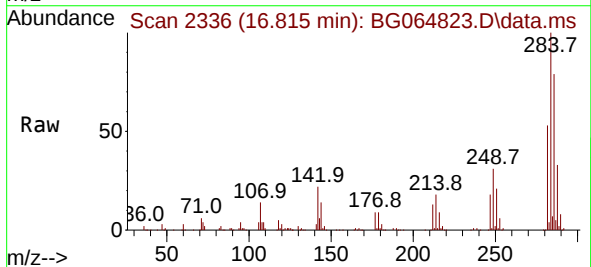
Instrument :  
BNA\_G  
ClientSampleId :  
PB170608BS

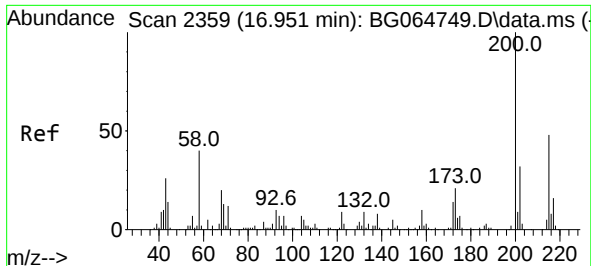
Tgt Ion:248 Resp: 258931  
Ion Ratio Lower Upper  
248 100  
250 97.5 77.0 115.6  
141 50.9 43.7 65.5



#68  
Hexachlorobenzene  
Concen: 43.485 ng  
RT: 16.815 min Scan# 2336  
Delta R.T. -0.001 min  
Lab File: BG064823.D  
Acq: 19 Nov 2025 20:06

Tgt Ion:284 Resp: 305735  
Ion Ratio Lower Upper  
284 100  
142 22.2 19.7 29.5  
249 31.4 28.1 42.1

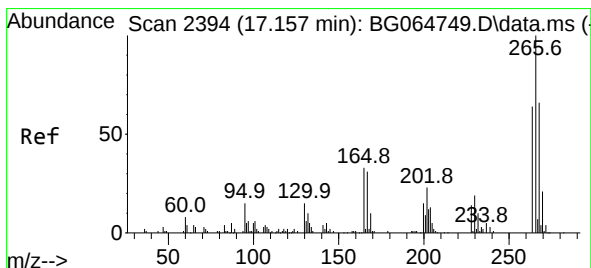
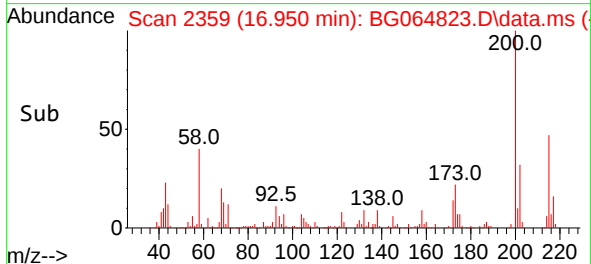
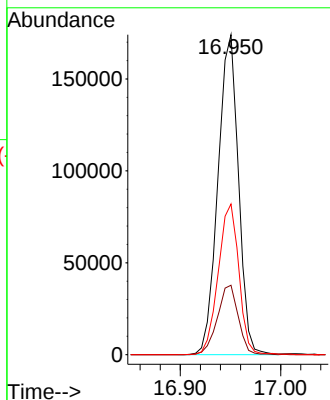
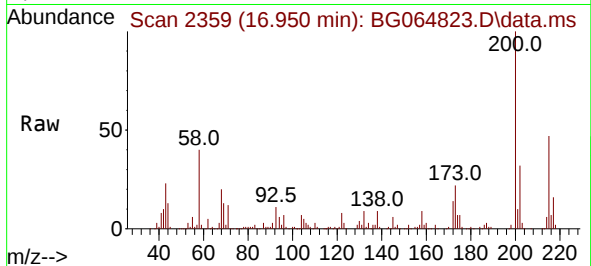




#69  
Atrazine  
Concen: 44.259 ng  
RT: 16.950 min Scan# 21  
Delta R.T. -0.001 min  
Lab File: BG064823.D  
Acq: 19 Nov 2025 20:06

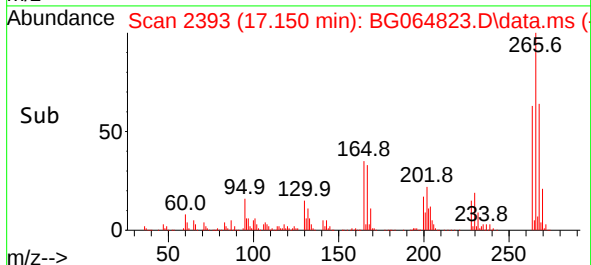
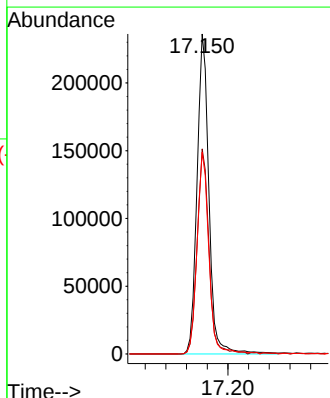
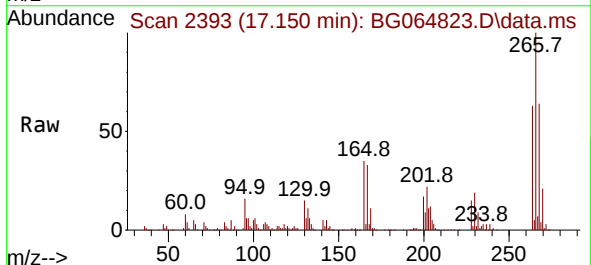
Instrument :  
BNA\_G  
ClientSampleId :  
PB170608BS

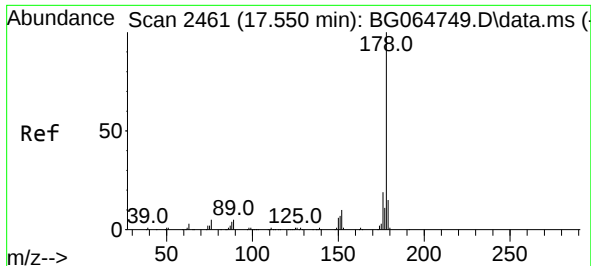
Tgt Ion:200 Resp: 246994  
Ion Ratio Lower Upper  
200 100  
173 21.7 0.9 40.9  
215 47.1 27.5 67.5



#70  
Pentachlorophenol  
Concen: 89.511 ng  
RT: 17.150 min Scan# 2393  
Delta R.T. -0.007 min  
Lab File: BG064823.D  
Acq: 19 Nov 2025 20:06

Tgt Ion:266 Resp: 375715  
Ion Ratio Lower Upper  
266 100  
268 68.4 56.1 84.1  
264 63.0 51.2 76.8

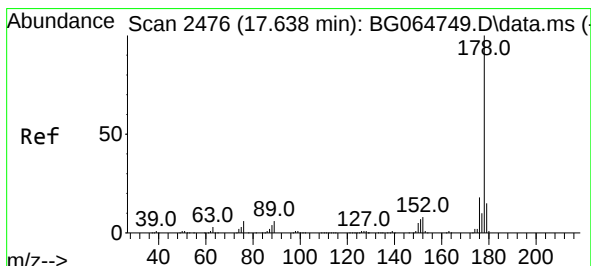
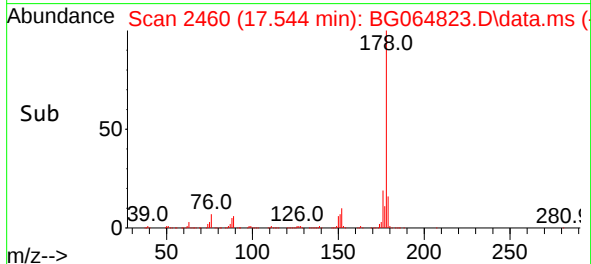
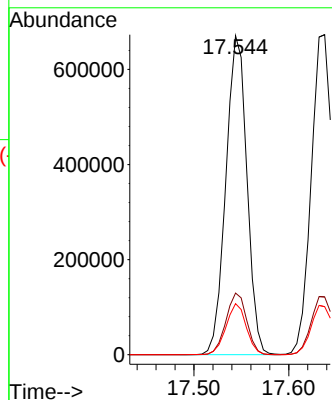
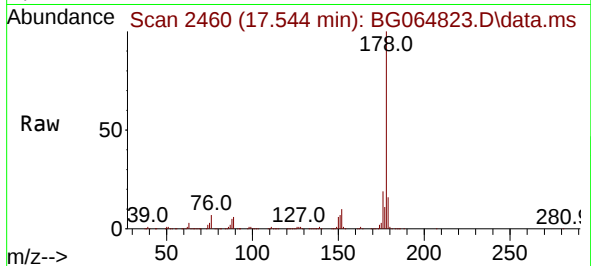




#71  
Phenanthrene  
Concen: 42.795 ng  
RT: 17.544 min Scan# 2461  
Delta R.T. -0.006 min  
Lab File: BG064823.D  
Acq: 19 Nov 2025 20:06

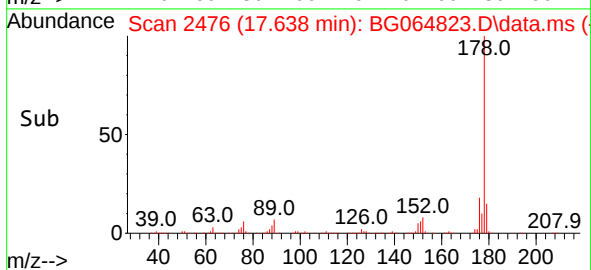
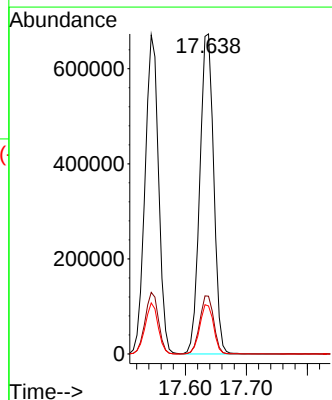
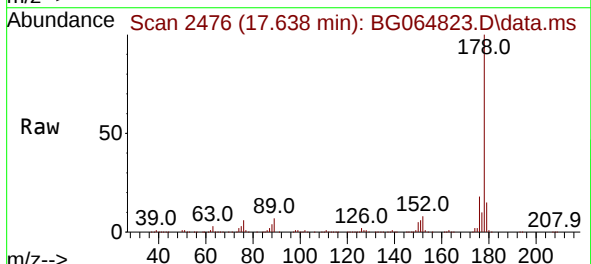
Instrument :  
BNA\_G  
ClientSampleId :  
PB170608BS

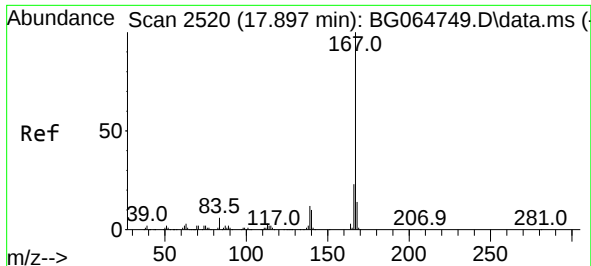
Tgt Ion:178 Resp: 1034689  
Ion Ratio Lower Upper  
178 100  
176 19.3 14.8 22.2  
179 16.0 12.2 18.4



#72  
Anthracene  
Concen: 43.216 ng  
RT: 17.638 min Scan# 2476  
Delta R.T. -0.001 min  
Lab File: BG064823.D  
Acq: 19 Nov 2025 20:06

Tgt Ion:178 Resp: 1065444  
Ion Ratio Lower Upper  
178 100  
176 18.1 14.5 21.7  
179 15.0 12.2 18.4

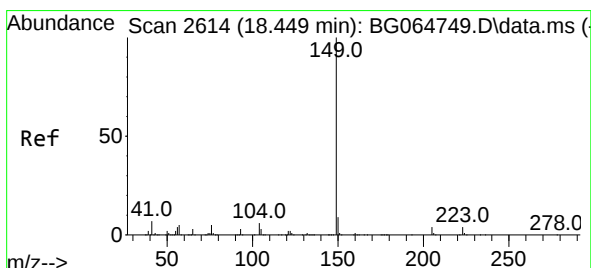
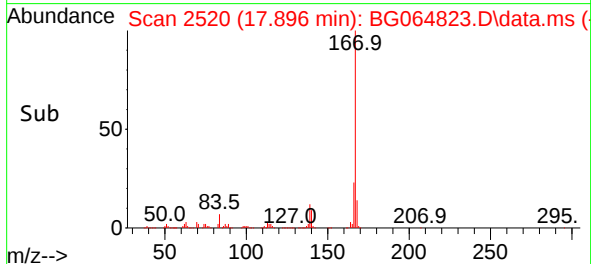
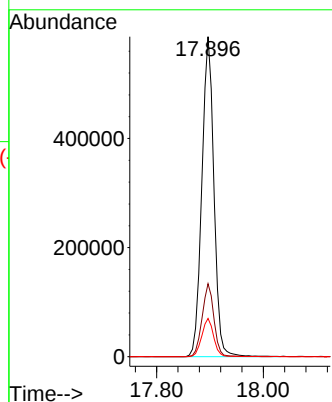
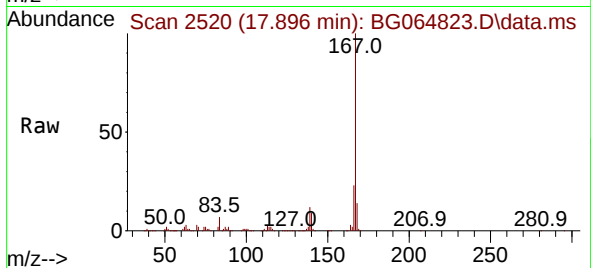




#73  
 Carbazole  
 Concen: 43.435 ng  
 RT: 17.896 min Scan# 21  
 Delta R.T. -0.001 min  
 Lab File: BG064823.D  
 Acq: 19 Nov 2025 20:06

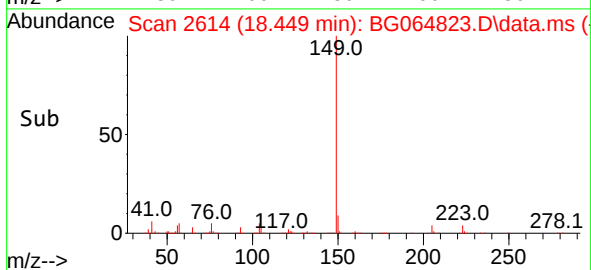
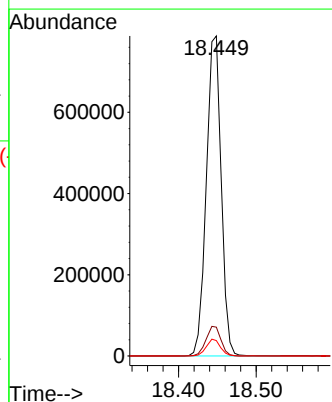
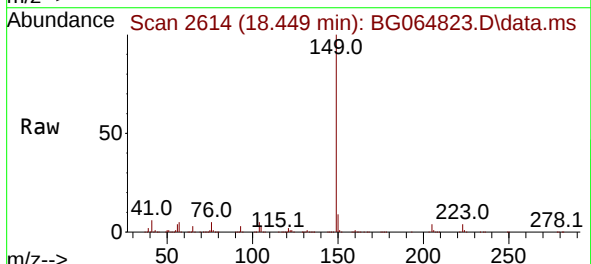
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB170608BS

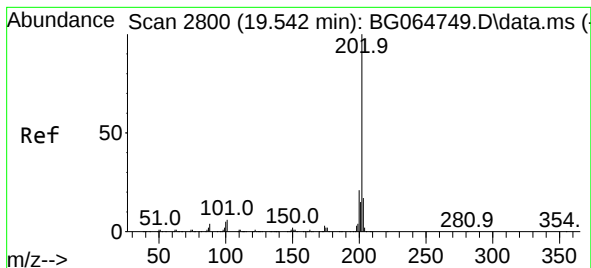
Tgt Ion:167 Resp: 920548  
 Ion Ratio Lower Upper  
 167 100  
 166 22.8 18.0 27.0  
 139 11.9 9.7 14.5



#74  
 Di-n-butylphthalate  
 Concen: 44.460 ng  
 RT: 18.449 min Scan# 2614  
 Delta R.T. -0.001 min  
 Lab File: BG064823.D  
 Acq: 19 Nov 2025 20:06

Tgt Ion:149 Resp: 1051259  
 Ion Ratio Lower Upper  
 149 100  
 150 9.0 7.5 11.3  
 104 4.8 4.4 6.6





#75

Fluoranthene

Concen: 39.382 ng

RT: 19.536 min Scan# 21

Delta R.T. -0.006 min

Lab File: BG064823.D

Acq: 19 Nov 2025 20:06

Instrument :

BNA\_G

ClientSampleId :

PB170608BS

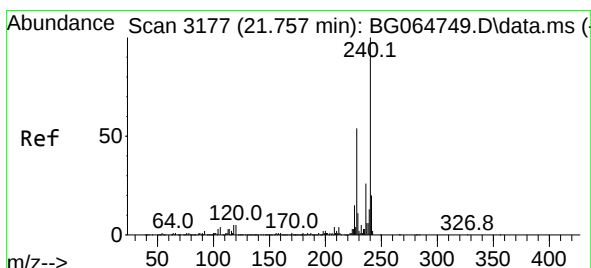
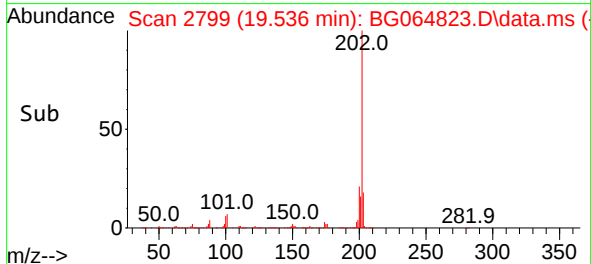
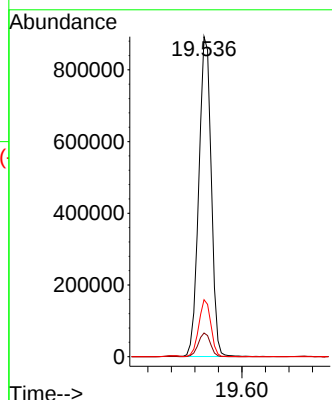
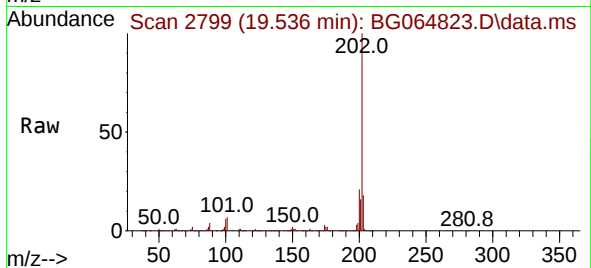
Tgt Ion:202 Resp: 1302067

Ion Ratio Lower Upper

202 100

101 7.4 0.0 26.4

203 17.8 0.0 37.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.751 min Scan# 3176

Delta R.T. -0.006 min

Lab File: BG064823.D

Acq: 19 Nov 2025 20:06

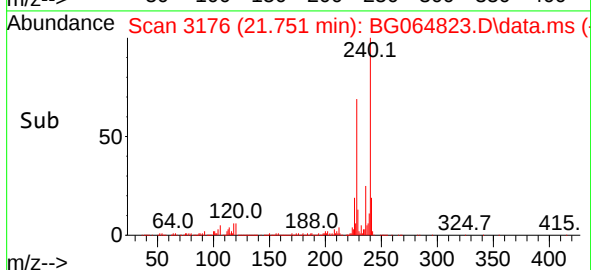
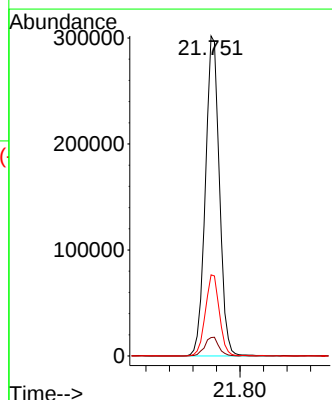
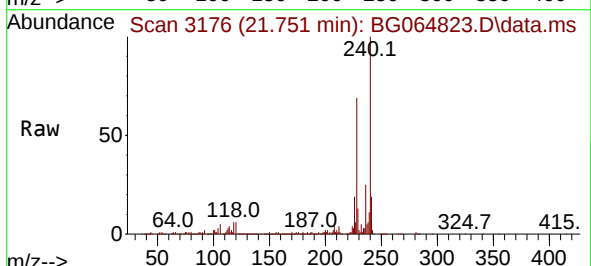
Tgt Ion:240 Resp: 497397

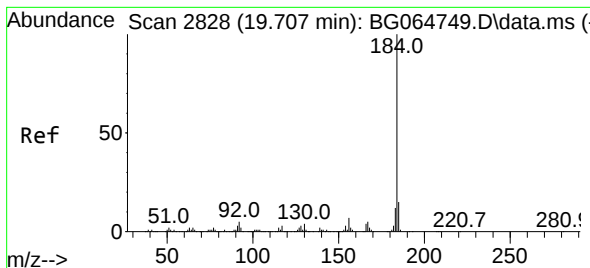
Ion Ratio Lower Upper

240 100

120 5.7 4.2 6.4

236 25.4 20.8 31.2





#77

Benzidine

Concen: 30.408 ng

RT: 19.706 min Scan# 2828

Delta R.T. -0.001 min

Lab File: BG064823.D

Acq: 19 Nov 2025 20:06

Instrument :

BNA\_G

ClientSampleId :

PB170608BS

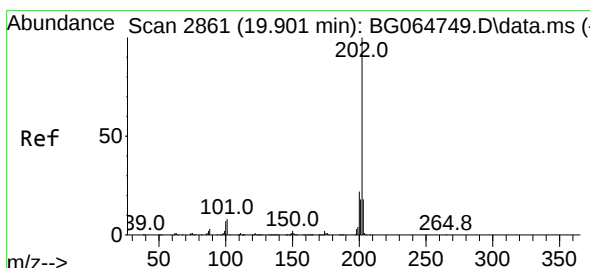
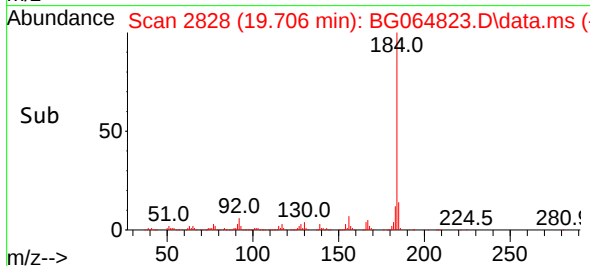
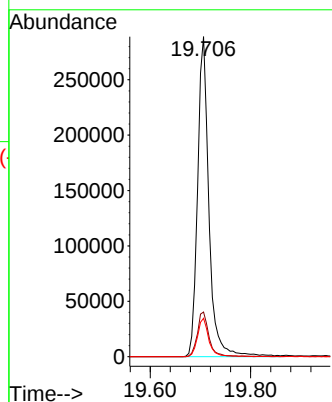
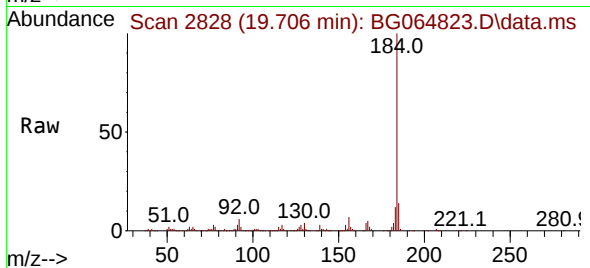
Tgt Ion:184 Resp: 452968

Ion Ratio Lower Upper

184 100

185 13.9 11.8 17.6

183 12.0 9.8 14.6



#78

Pyrene

Concen: 47.933 ng

RT: 19.894 min Scan# 2860

Delta R.T. -0.006 min

Lab File: BG064823.D

Acq: 19 Nov 2025 20:06

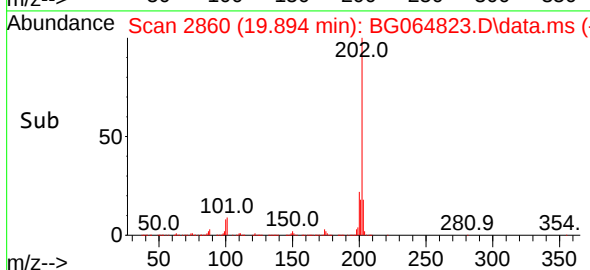
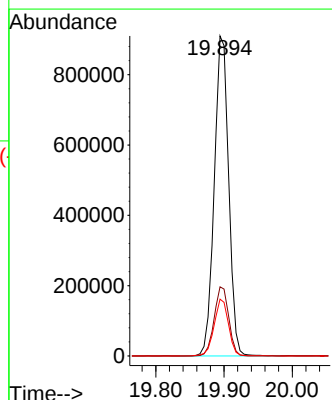
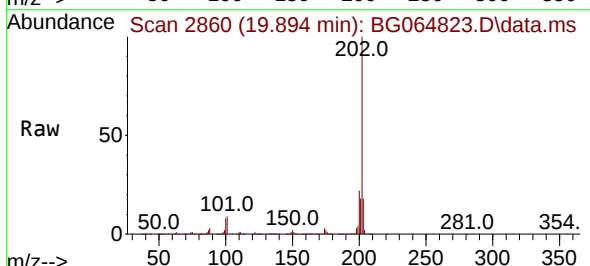
Tgt Ion:202 Resp: 1336229

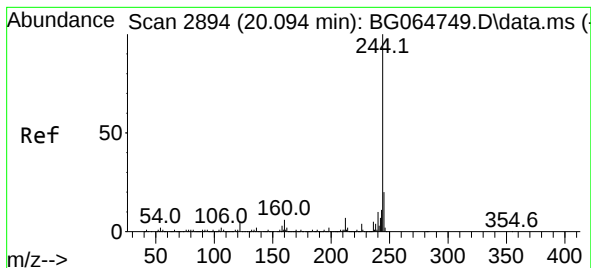
Ion Ratio Lower Upper

202 100

200 21.6 17.9 26.9

203 17.7 14.0 21.0





#79

Terphenyl-d14

Concen: 86.124 ng

RT: 20.088 min Scan# 21

Delta R.T. -0.006 min

Lab File: BG064823.D

Acq: 19 Nov 2025 20:06

Instrument :

BNA\_G

ClientSampleId :

PB170608BS

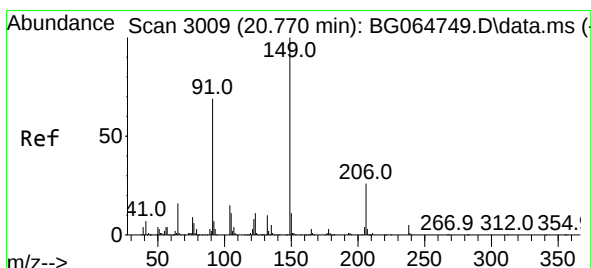
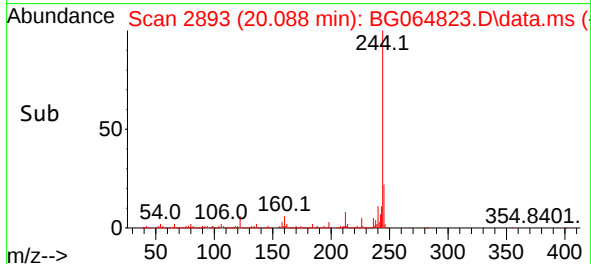
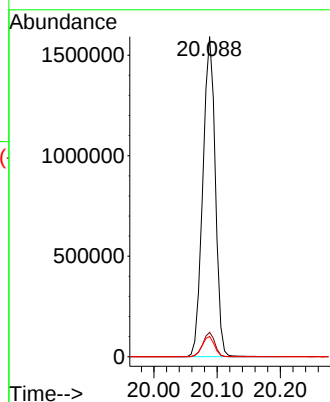
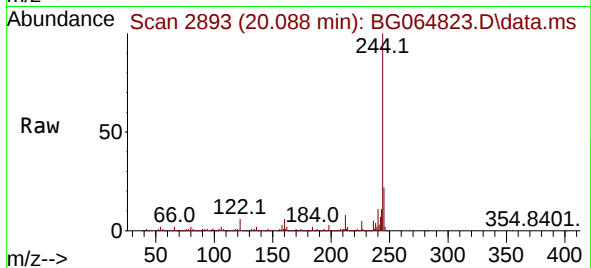
Tgt Ion:244 Resp: 2177723

Ion Ratio Lower Upper

244 100

212 7.6 5.8 8.6

122 6.3 4.3 6.5



#80

Butylbenzylphthalate

Concen: 47.373 ng

RT: 20.764 min Scan# 3008

Delta R.T. -0.006 min

Lab File: BG064823.D

Acq: 19 Nov 2025 20:06

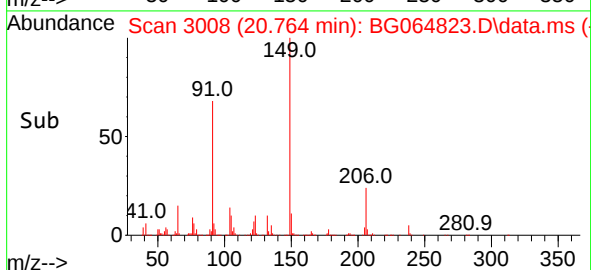
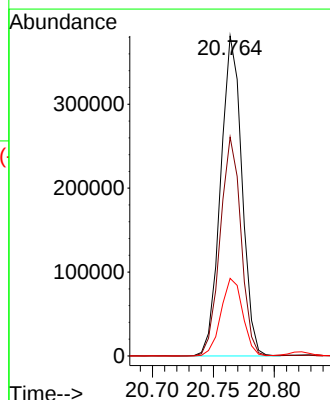
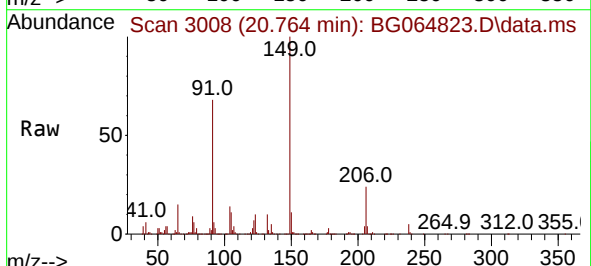
Tgt Ion:149 Resp: 464508

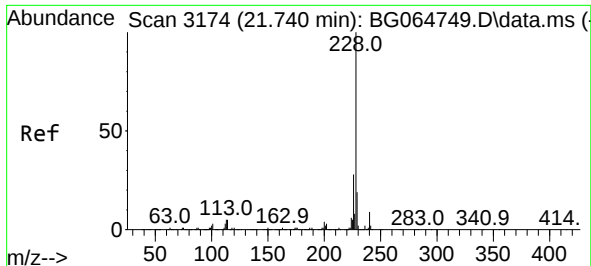
Ion Ratio Lower Upper

149 100

91 68.4 54.9 82.3

206 24.3 21.2 31.8

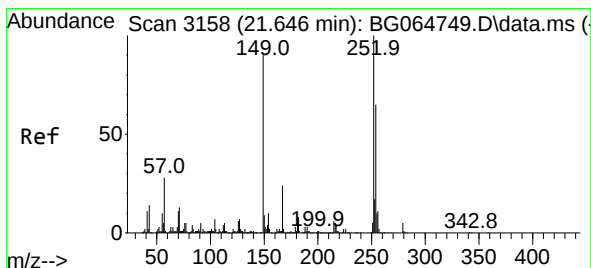
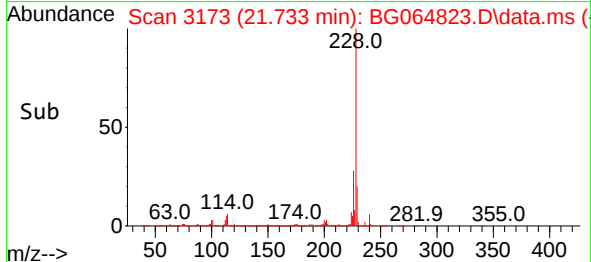
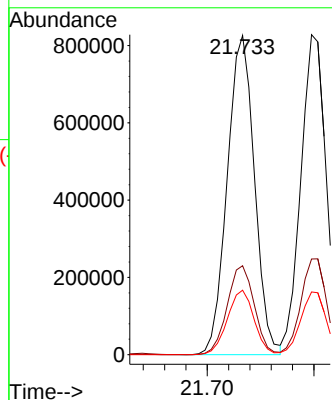
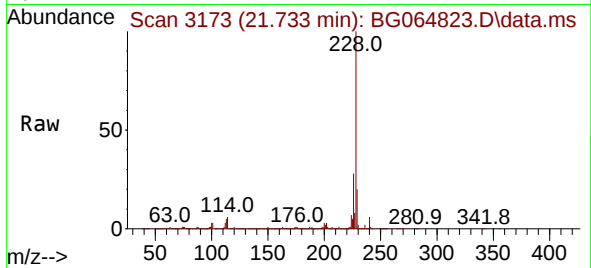




#81  
 Benzo(a)anthracene  
 Concen: 43.396 ng  
 RT: 21.733 min Scan# 3173  
 Delta R.T. -0.006 min  
 Lab File: BG064823.D  
 Acq: 19 Nov 2025 20:06

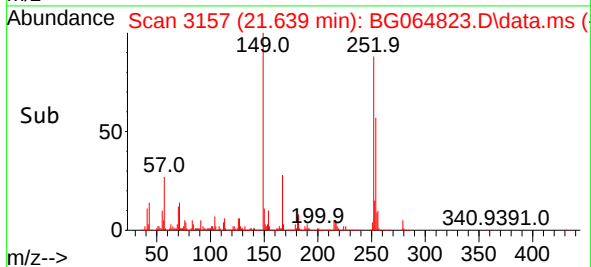
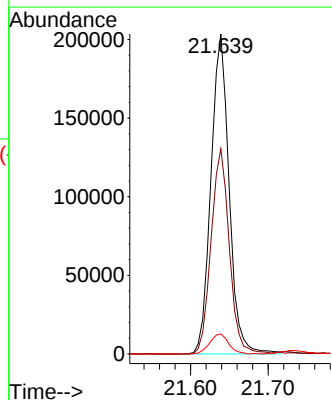
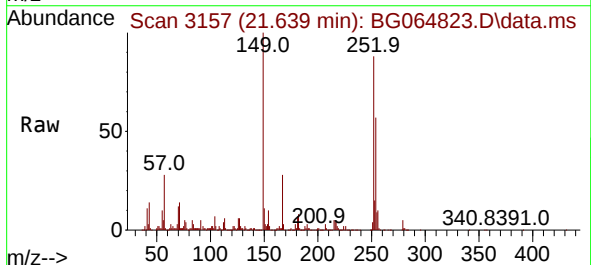
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB170608BS

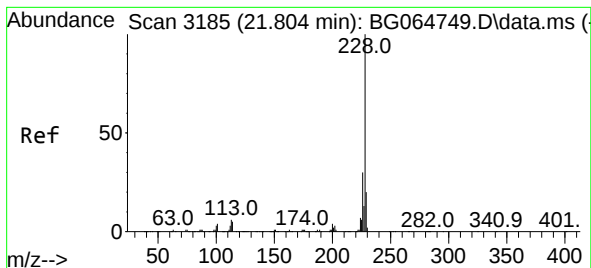
Tgt Ion:228 Resp: 1467704  
 Ion Ratio Lower Upper  
 228 100  
 226 27.9 22.1 33.1  
 229 20.2 15.5 23.3



#82  
 3,3'-Dichlorobenzidine  
 Concen: 26.681 ng  
 RT: 21.639 min Scan# 3157  
 Delta R.T. -0.006 min  
 Lab File: BG064823.D  
 Acq: 19 Nov 2025 20:06

Tgt Ion:252 Resp: 332134  
 Ion Ratio Lower Upper  
 252 100  
 254 64.1 51.8 77.8  
 126 6.2 4.7 7.1





#83

Chrysene

Concen: 42.865 ng

RT: 21.798 min Scan# 3184

Delta R.T. -0.006 min

Lab File: BG064823.D

Acq: 19 Nov 2025 20:06

Instrument :

BNA\_G

ClientSampleId :

PB170608BS

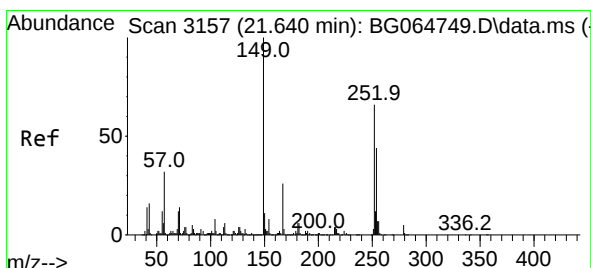
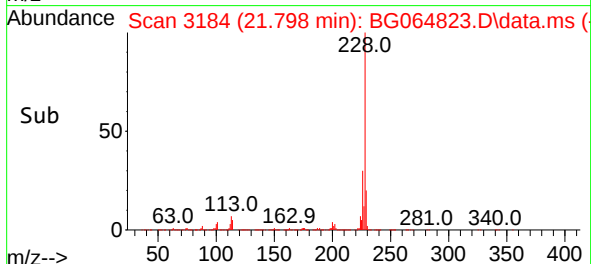
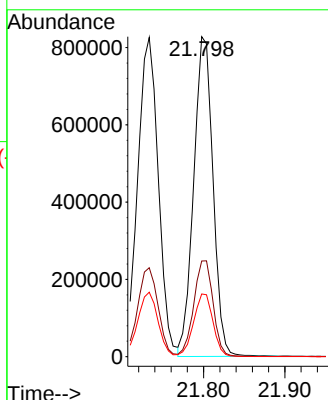
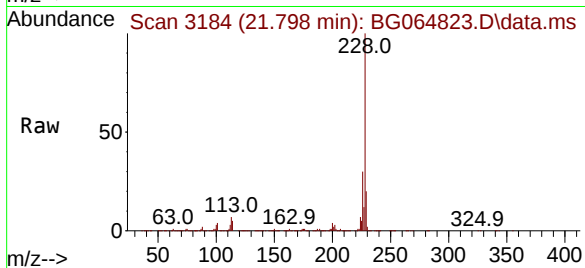
Tgt Ion:228 Resp: 1366781

Ion Ratio Lower Upper

228 100

226 29.9 24.2 36.2

229 19.6 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.993 ng

RT: 21.627 min Scan# 3155

Delta R.T. -0.012 min

Lab File: BG064823.D

Acq: 19 Nov 2025 20:06

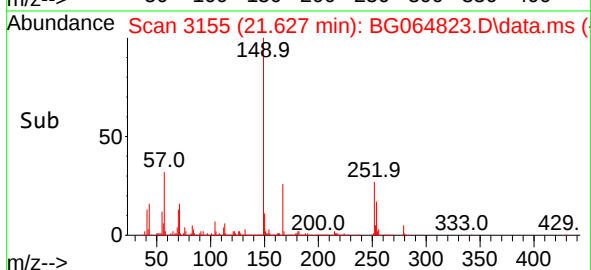
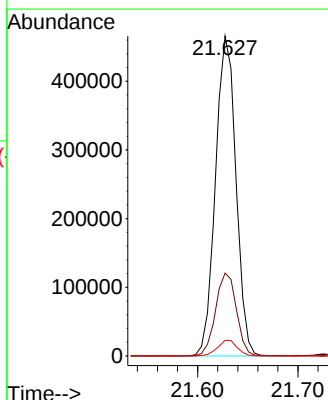
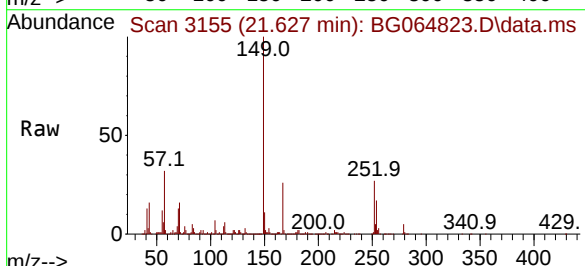
Tgt Ion:149 Resp: 658997

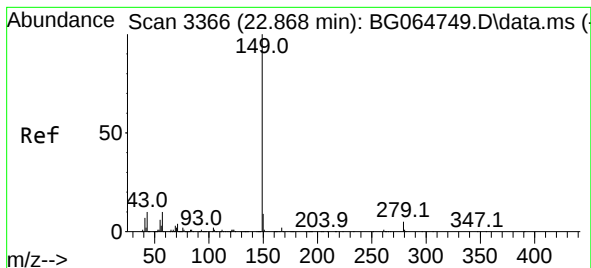
Ion Ratio Lower Upper

149 100

167 25.9 21.0 31.4

279 4.9 4.1 6.1

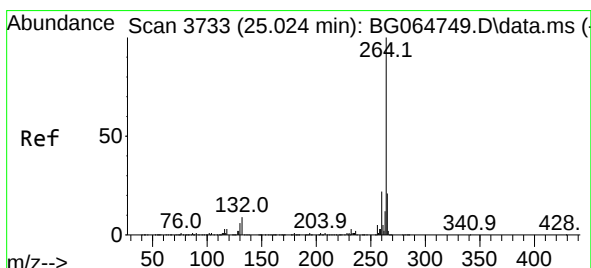
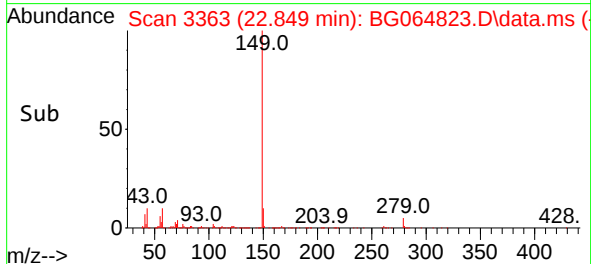
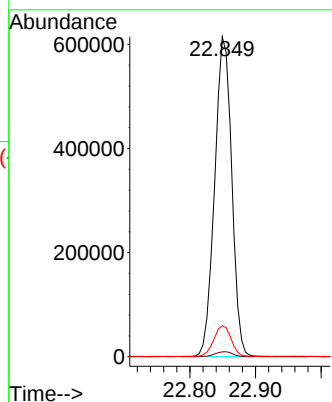
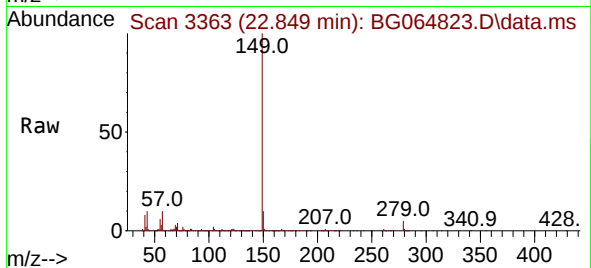




#85  
Di-n-octyl phthalate  
Concen: 44.673 ng  
RT: 22.849 min Scan# 31  
Delta R.T. -0.018 min  
Lab File: BG064823.D  
Acq: 19 Nov 2025 20:06

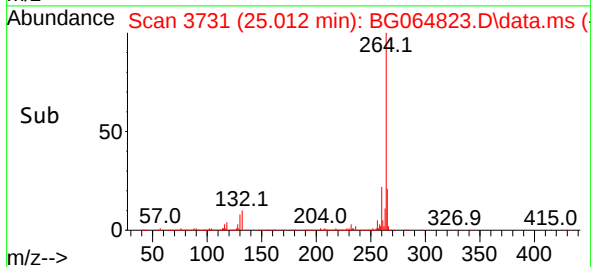
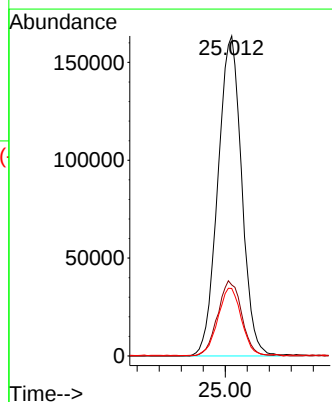
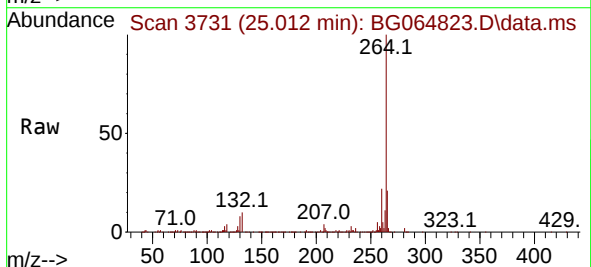
Instrument :  
BNA\_G  
ClientSampleId :  
PB170608BS

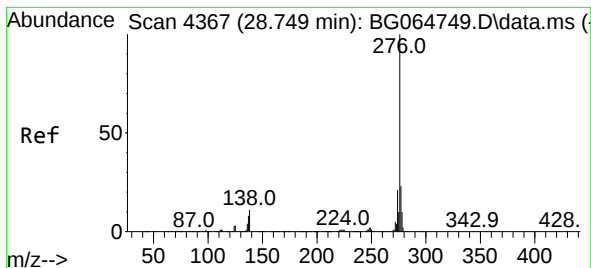
Tgt Ion:149 Resp: 1106430  
Ion Ratio Lower Upper  
149 100  
167 1.6 1.2 1.8  
43 9.7 8.3 12.5



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 25.012 min Scan# 3731  
Delta R.T. -0.012 min  
Lab File: BG064823.D  
Acq: 19 Nov 2025 20:06

Tgt Ion:264 Resp: 490339  
Ion Ratio Lower Upper  
264 100  
260 22.2 17.2 25.8  
265 21.1 16.6 25.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 44.704 ng

RT: 28.748 min Scan# 41

Delta R.T. -0.001 min

Lab File: BG064823.D

Acq: 19 Nov 2025 20:06

Instrument :

BNA\_G

ClientSampleId :

PB170608BS

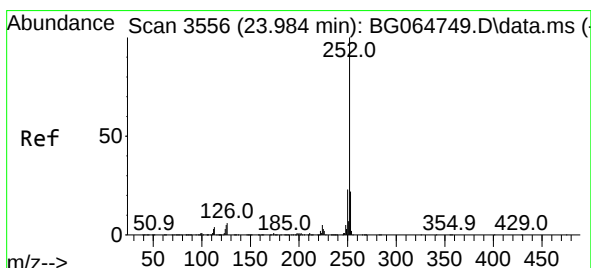
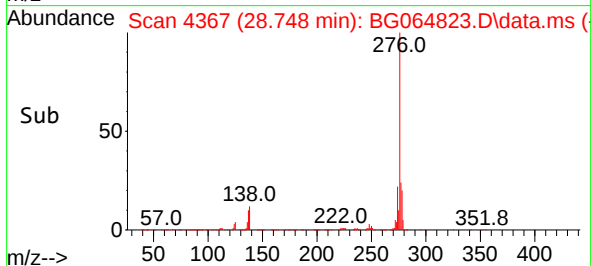
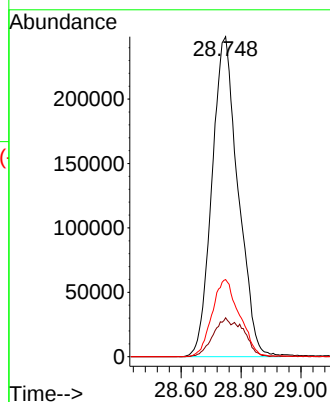
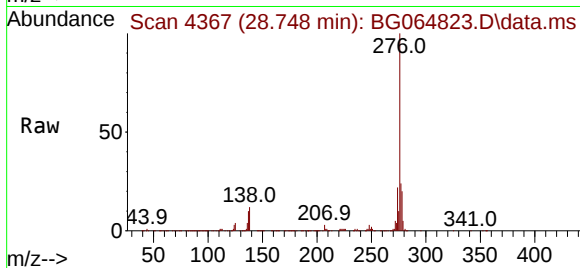
Tgt Ion:276 Resp: 1505987

Ion Ratio Lower Upper

276 100

138 8.0 4.5 6.7#

277 25.3 20.0 30.0



#88

Benzo(b)fluoranthene

Concen: 44.531 ng

RT: 23.978 min Scan# 3555

Delta R.T. -0.006 min

Lab File: BG064823.D

Acq: 19 Nov 2025 20:06

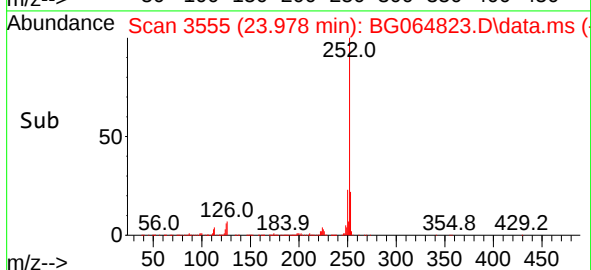
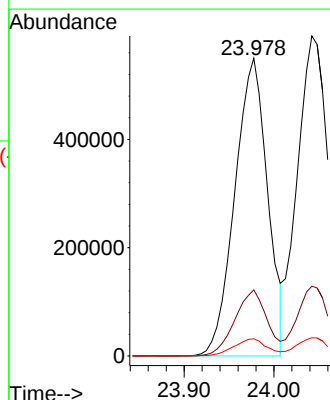
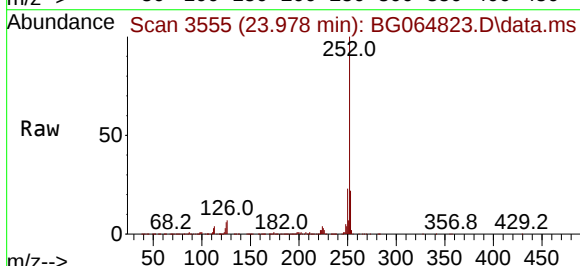
Tgt Ion:252 Resp: 1389566

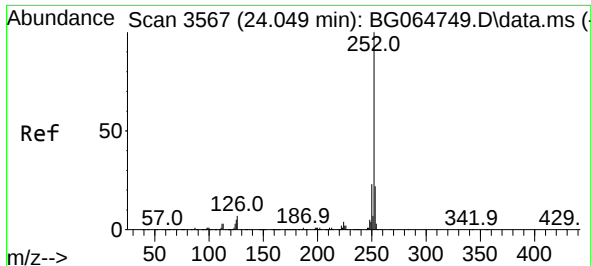
Ion Ratio Lower Upper

252 100

253 22.2 17.4 26.2

125 5.8 4.2 6.2

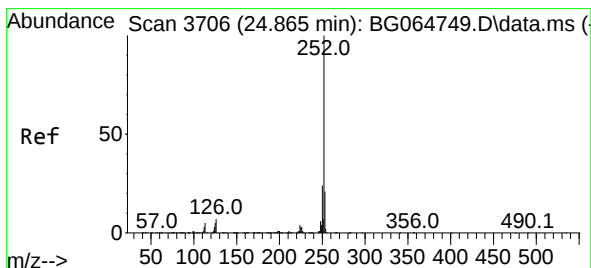
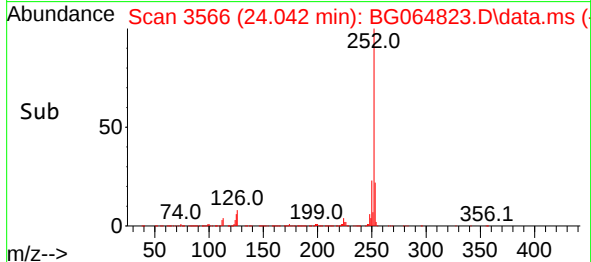
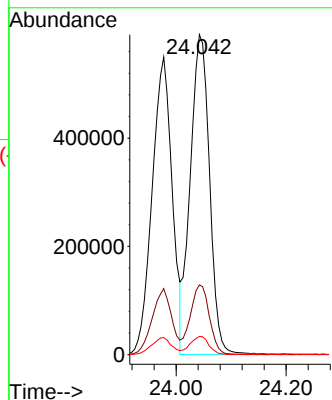
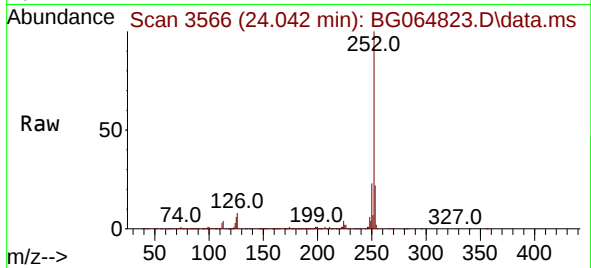




#89  
Benzo(k)fluoranthene  
Concen: 45.692 ng  
RT: 24.042 min Scan# 31  
Delta R.T. -0.006 min  
Lab File: BG064823.D  
Acq: 19 Nov 2025 20:06

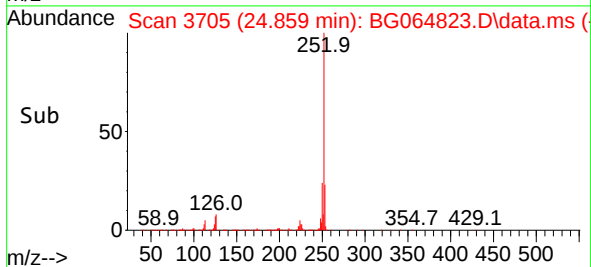
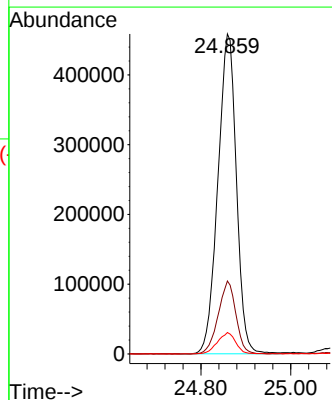
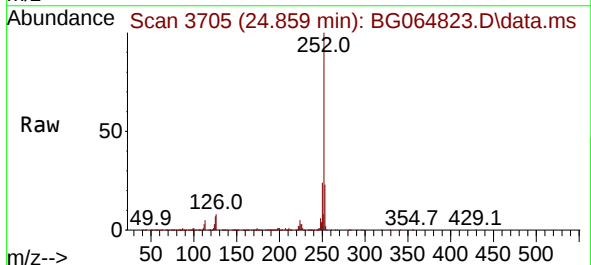
Instrument :  
BNA\_G  
ClientSampleId :  
PB170608BS

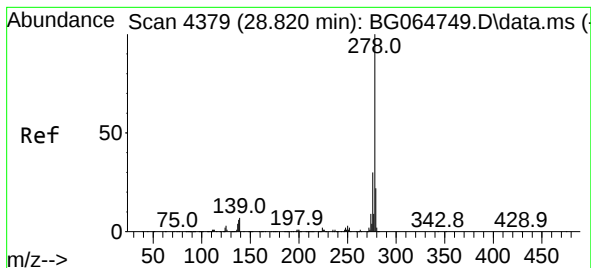
Tgt Ion:252 Resp: 1432431  
Ion Ratio Lower Upper  
252 100  
253 21.8 17.8 26.8  
125 5.7 4.1 6.1



#90  
Benzo(a)pyrene  
Concen: 45.345 ng  
RT: 24.859 min Scan# 3705  
Delta R.T. -0.006 min  
Lab File: BG064823.D  
Acq: 19 Nov 2025 20:06

Tgt Ion:252 Resp: 1312561  
Ion Ratio Lower Upper  
252 100  
253 22.8 16.9 25.3  
125 6.7 4.2 6.4#





#91

Dibenzo(a,h)anthracene

Concen: 44.962 ng

RT: 28.801 min Scan# 41

Delta R.T. -0.018 min

Lab File: BG064823.D

Acq: 19 Nov 2025 20:06

Instrument :

BNA\_G

ClientSampleId :

PB170608BS

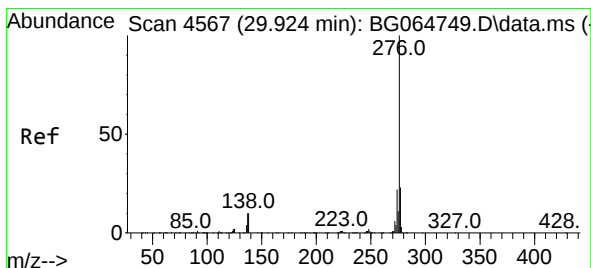
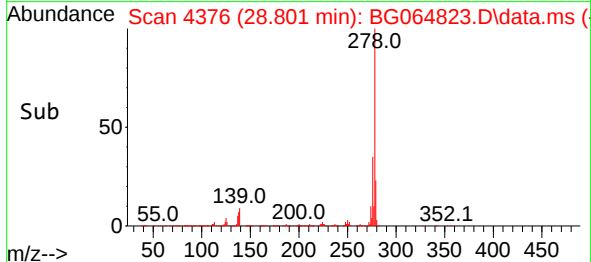
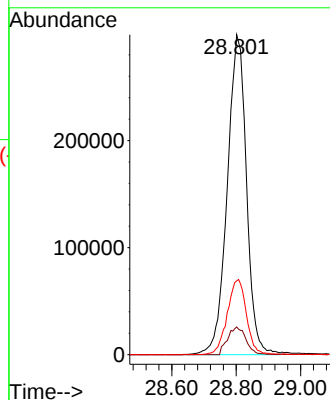
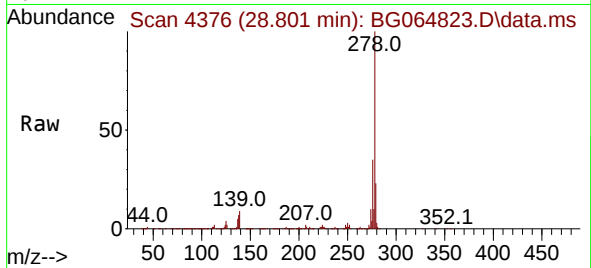
Tgt Ion:278 Resp: 1240852

Ion Ratio Lower Upper

278 100

139 8.7 5.8 8.8

279 23.1 17.3 25.9



#92

Benzo(g,h,i)perylene

Concen: 44.610 ng

RT: 29.912 min Scan# 4565

Delta R.T. -0.012 min

Lab File: BG064823.D

Acq: 19 Nov 2025 20:06

Tgt Ion:276 Resp: 1184856

Ion Ratio Lower Upper

276 100

277 23.1 18.0 27.0

138 12.1 8.2 12.2

