

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG111325\  
 Data File : BG064758.D  
 Acq On : 13 Nov 2025 15:57  
 Operator : RC/JU  
 Sample : PB170528BS  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB170528BS

Quant Time: Nov 13 16:47:34 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     | 8.170  | 152  | 35345    | 20.000  | ng    | # 0.00   |
| 21) Naphthalene-d8            | 10.984 | 136  | 134884   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.774 | 164  | 109093   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.506 | 188  | 277518   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 21.760 | 240  | 388627   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 25.015 | 264  | 384250   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.702  | 112  | 254066   | 125.521 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.312  | 99   | 338793   | 125.846 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.327  | 82   | 214456   | 78.611  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.254 | 330  | 267173   | 125.572 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.411 | 172  | 610435   | 78.077  | ng    | 0.00     |
| 79) Terphenyl-d14             | 20.091 | 244  | 1538381  | 77.867  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.522  | 88   | 26099    | 33.307  | ng    | 96       |
| 3) Pyridine                   | 3.933  | 79   | 70196    | 30.066  | ng    | 99       |
| 4) n-Nitrosodimethylamine     | 3.845  | 42   | 47590    | 40.048  | ng    | 97       |
| 6) Aniline                    | 7.482  | 93   | 108952   | 30.362  | ng    | 100      |
| 8) 2-Chlorophenol             | 7.729  | 128  | 99871    | 44.936  | ng    | 99       |
| 9) Benzaldehyde               | 7.288  | 77   | 40023    | 22.711  | ng    | 99       |
| 10) Phenol                    | 7.335  | 94   | 132310   | 45.170  | ng    | 97       |
| 11) bis(2-Chloroethyl)ether   | 7.570  | 93   | 88499    | 42.459  | ng    | 97       |
| 12) 1,3-Dichlorobenzene       | 8.052  | 146  | 103159   | 40.337  | ng    | 96       |
| 13) 1,4-Dichlorobenzene       | 8.199  | 146  | 109006   | 41.859  | ng    | 100      |
| 14) 1,2-Dichlorobenzene       | 8.522  | 146  | 104476   | 41.377  | ng    | 96       |
| 15) Benzyl Alcohol            | 8.399  | 79   | 97504    | 44.124  | ng    | 93       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.693  | 45   | 194173   | 39.357  | ng    | 97       |
| 17) 2-Methylphenol            | 8.598  | 107  | 91269    | 44.037  | ng    | 96       |
| 18) Hexachloroethane          | 9.262  | 117  | 39113    | 39.656  | ng    | 99       |
| 19) n-Nitroso-di-n-propyla... | 8.969  | 70   | 75668    | 41.570  | ng    | 96       |
| 20) 3+4-Methylphenols         | 8.928  | 107  | 121650   | 42.845  | ng    | 93       |
| 22) Acetophenone              | 8.986  | 105  | 174486   | 47.481  | ng    | # 99     |
| 24) Nitrobenzene              | 9.368  | 77   | 117523   | 42.635  | ng    | 97       |
| 25) Isophorone                | 9.897  | 82   | 214996   | 41.384  | ng    | 99       |
| 26) 2-Nitrophenol             | 10.085 | 139  | 55456    | 44.728  | ng    | 95       |
| 27) 2,4-Dimethylphenol        | 10.138 | 122  | 96822    | 43.957  | ng    | 95       |
| 28) bis(2-Chloroethoxy)met... | 10.373 | 93   | 122129   | 42.821  | ng    | 98       |
| 29) 2,4-Dichlorophenol        | 10.626 | 162  | 110934   | 46.910  | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 10.843 | 180  | 126218   | 44.200  | ng    | 96       |
| 31) Naphthalene               | 11.037 | 128  | 318715   | 41.682  | ng    | 99       |
| 32) Benzoic acid              | 10.267 | 122  | 60182    | 39.851  | ng    | 99       |
| 33) 4-Chloroaniline           | 11.131 | 127  | 75168    | 24.575  | ng    | 97       |
| 34) Hexachlorobutadiene       | 11.325 | 225  | 97649    | 39.855  | ng    | 98       |
| 35) Caprolactam               | 11.942 | 113  | 18026    | 25.485  | ng    | 93       |
| 36) 4-Chloro-3-methylphenol   | 12.235 | 107  | 118485   | 45.014  | ng    | 97       |
| 37) 2-Methylnaphthalene       | 12.623 | 142  | 217639   | 38.036  | ng    | 99       |
| 38) 1-Methylnaphthalene       | 12.841 | 142  | 224362   | 39.473  | ng    | 100      |
| 40) 1,2,4,5-Tetrachloroben... | 12.987 | 216  | 200015   | 47.111  | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 12.976 | 237  | 228769   | 75.176  | ng    | 98       |
| 43) 2,4,6-Trichlorophenol     | 13.217 | 196  | 111873   | 44.897  | ng    | 97       |

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 ALS Vial : 4 Sample Multiplier: 1

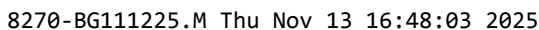
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB170528BS

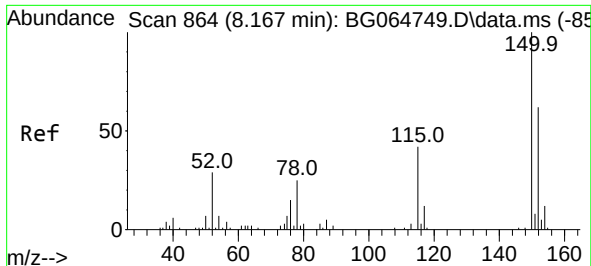
Quant Time: Nov 13 16:47:34 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG111225.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Nov 12 17:10:56 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 13.287 | 196  | 124271   | 44.466 | ng    | 94       |
| 46) 1,1'-Biphenyl             | 13.616 | 154  | 367538   | 46.907 | ng    | 99       |
| 47) 2-Chloronaphthalene       | 13.663 | 162  | 261567   | 42.373 | ng    | 97       |
| 48) 2-Nitroaniline            | 13.851 | 65   | 92044    | 46.359 | ng    | 97       |
| 49) Acenaphthylene            | 14.503 | 152  | 456163   | 43.255 | ng    | 99       |
| 50) Dimethylphthalate         | 14.221 | 163  | 369244   | 42.847 | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 14.339 | 165  | 77377    | 46.662 | ng    | 92       |
| 52) Acenaphthene              | 14.838 | 154  | 309502   | 48.947 | ng    | 99       |
| 53) 3-Nitroaniline            | 14.668 | 138  | 56120    | 34.290 | ng    | 89       |
| 54) 2,4-Dinitrophenol         | 14.868 | 184  | 98270    | 85.814 | ng    | 90       |
| 55) Dibenzofuran              | 15.173 | 168  | 447187   | 42.778 | ng    | 99       |
| 56) 4-Nitrophenol             | 14.962 | 139  | 125587   | 96.715 | ng    | 95       |
| 57) 2,4-Dinitrotoluene        | 15.120 | 165  | 115312   | 46.384 | ng    | 100      |
| 58) Fluorene                  | 15.814 | 166  | 352150   | 42.951 | ng    | 97       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.391 | 232  | 132798   | 48.160 | ng    | # 98     |
| 60) Diethylphthalate          | 15.573 | 149  | 360477   | 43.666 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 15.802 | 204  | 209410   | 42.559 | ng    | 98       |
| 62) 4-Nitroaniline            | 15.819 | 138  | 75195    | 44.349 | ng    | 96       |
| 63) Azobenzene                | 16.096 | 77   | 300925   | 43.825 | ng    | 98       |
| 65) 4,6-Dinitro-2-methylph... | 15.878 | 198  | 75724    | 49.145 | ng    | 94       |
| 66) n-Nitrosodiphenylamine    | 16.013 | 169  | 325431   | 44.769 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 16.695 | 248  | 156547   | 42.955 | ng    | 98       |
| 68) Hexachlorobenzene         | 16.818 | 284  | 190725   | 43.195 | ng    | 95       |
| 69) Atrazine                  | 16.948 | 200  | 153998   | 43.941 | ng    | 97       |
| 70) Pentachlorophenol         | 17.153 | 266  | 246683   | 93.303 | ng    | 99       |
| 71) Phenanthrene              | 17.547 | 178  | 660565   | 43.504 | ng    | 99       |
| 72) Anthracene                | 17.641 | 178  | 661448   | 42.722 | ng    | 100      |
| 73) Carbazole                 | 17.899 | 167  | 587443   | 44.136 | ng    | 99       |
| 74) Di-n-butylphthalate       | 18.452 | 149  | 649966   | 43.771 | ng    | 99       |
| 75) Fluoranthene              | 19.539 | 202  | 898032   | 43.251 | ng    | 99       |
| 77) Benzidine                 | 19.709 | 184  | 244616   | 21.017 | ng    | 99       |
| 78) Pyrene                    | 19.903 | 202  | 934321   | 42.896 | ng    | 97       |
| 80) Butylbenzylphthalate      | 20.772 | 149  | 328457   | 42.873 | ng    | 96       |
| 81) Benzo(a)anthracene        | 21.736 | 228  | 1127249  | 42.658 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 21.642 | 252  | 300479   | 30.893 | ng    | 99       |
| 83) Chrysene                  | 21.807 | 228  | 1062387  | 42.644 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 21.636 | 149  | 478286   | 42.723 | ng    | 99       |
| 85) Di-n-octyl phthalate      | 22.864 | 149  | 829659   | 42.874 | ng    | 100      |
| 87) Indeno(1,2,3-cd)pyrene    | 28.745 | 276  | 1233751  | 46.734 | ng    | # 96     |
| 88) Benzo(b)fluoranthene      | 23.980 | 252  | 1154586  | 47.216 | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 24.051 | 252  | 1152801  | 46.925 | ng    | 99       |
| 90) Benzo(a)pyrene            | 24.868 | 252  | 1070783  | 47.206 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 28.810 | 278  | 1029634  | 47.609 | ng    | 97       |
| 92) Benzo(g,h,i)perylene      | 29.921 | 276  | 975725   | 46.879 | ng    | 100      |

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

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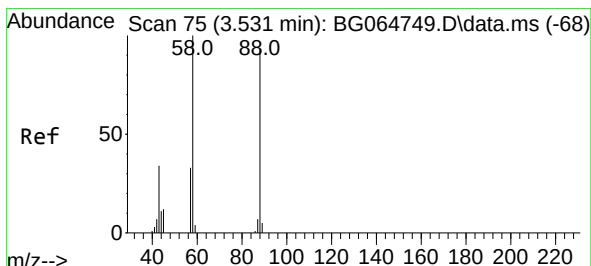
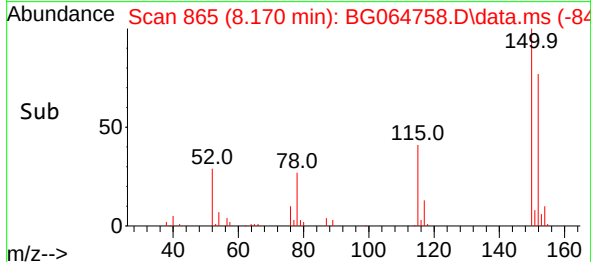
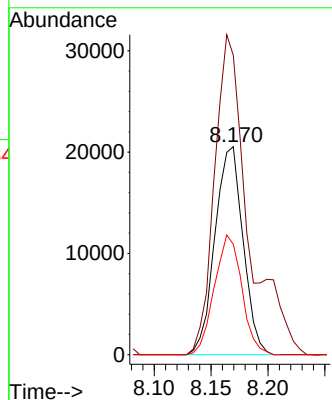
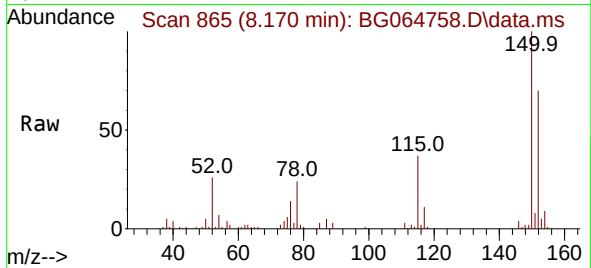




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 8.170 min Scan# 80  
 Delta R.T. 0.003 min  
 Lab File: BG064758.D  
 Acq: 13 Nov 2025 15:57

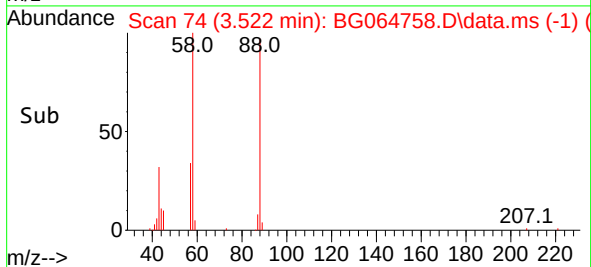
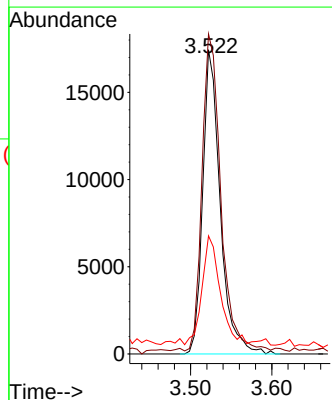
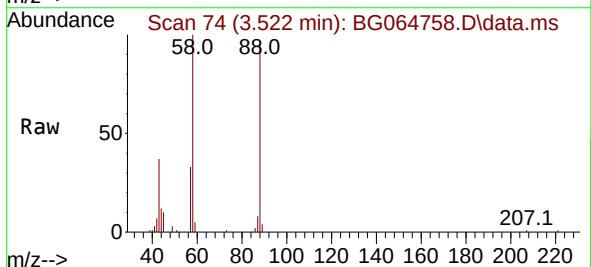
Instrument :  
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 PB170528BS

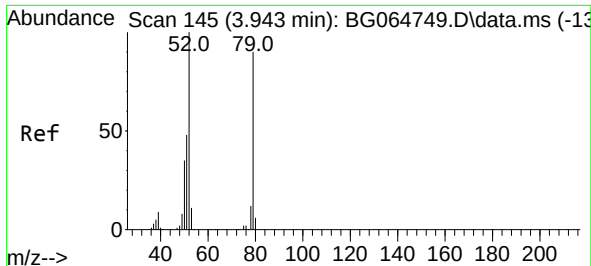
Tgt Ion:152 Resp: 35345  
 Ion Ratio Lower Upper  
 152 100  
 150 143.9 129.2 193.8  
 115 53.1 53.7 80.5#



#2  
 1,4-Dioxane  
 Concen: 33.307 ng  
 RT: 3.522 min Scan# 74  
 Delta R.T. -0.009 min  
 Lab File: BG064758.D  
 Acq: 13 Nov 2025 15:57

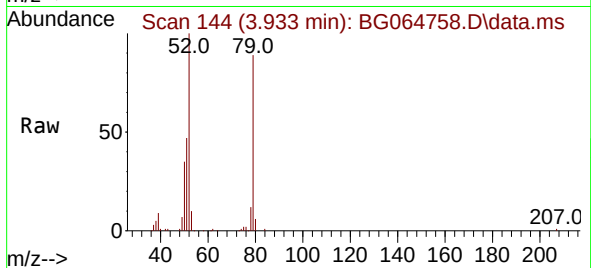
Tgt Ion: 88 Resp: 26099  
 Ion Ratio Lower Upper  
 88 100  
 58 110.9 84.6 126.8  
 43 37.3 30.0 45.0



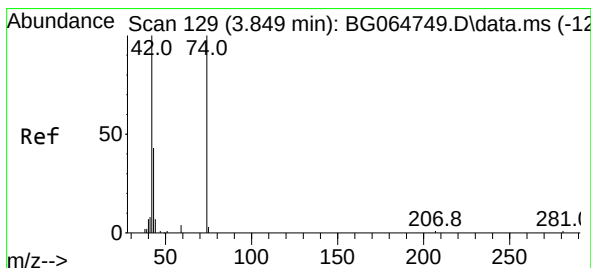
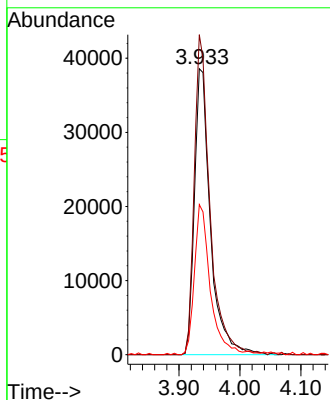
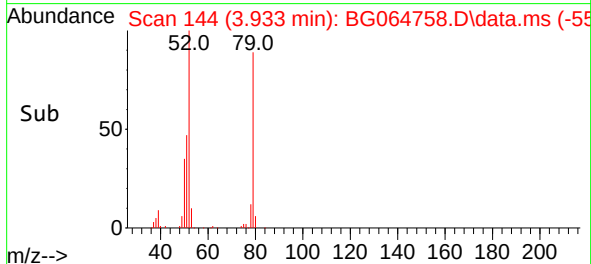


#3  
Pyridine  
Concen: 30.066 ng  
RT: 3.933 min Scan# 145  
Delta R.T. -0.009 min  
Lab File: BG064758.D  
Acq: 13 Nov 2025 15:57

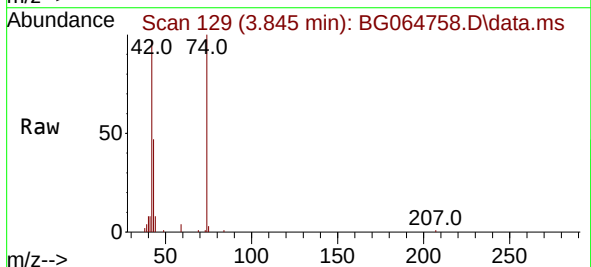
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ClientSampleId :  
PB170528BS



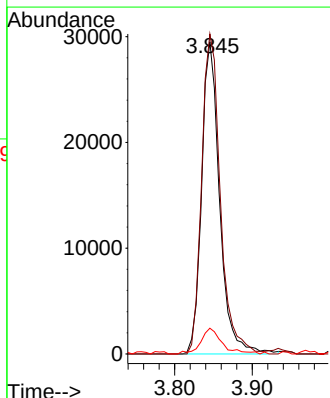
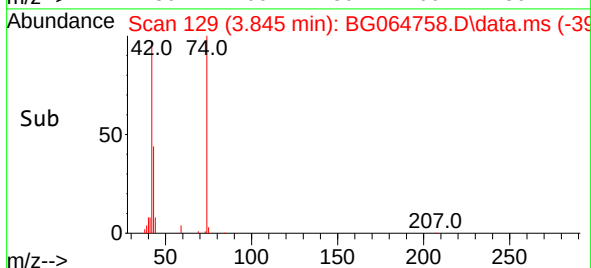
Tgt Ion: 79 Resp: 70196  
Ion Ratio Lower Upper  
79 100  
52 111.9 89.0 133.4  
51 52.5 43.4 65.0

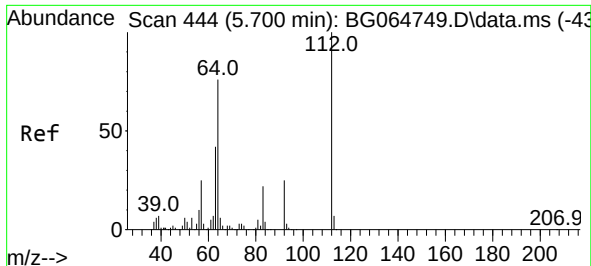


#4  
n-Nitrosodimethylamine  
Concen: 40.048 ng  
RT: 3.845 min Scan# 129  
Delta R.T. -0.004 min  
Lab File: BG064758.D  
Acq: 13 Nov 2025 15:57



Tgt Ion: 42 Resp: 47590  
Ion Ratio Lower Upper  
42 100  
74 102.6 79.8 119.6  
44 8.3 5.9 8.9

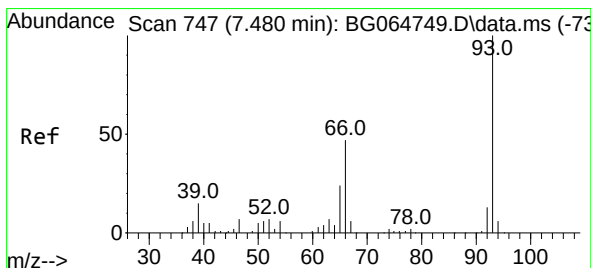
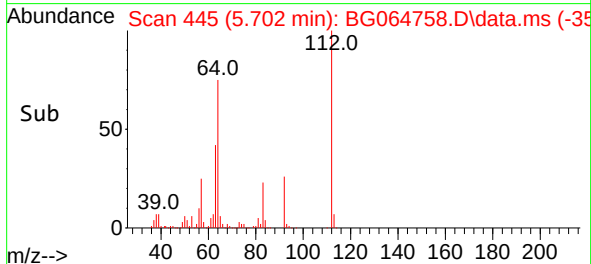
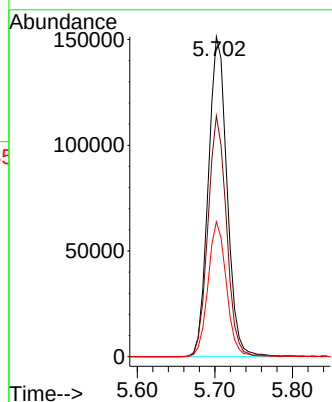
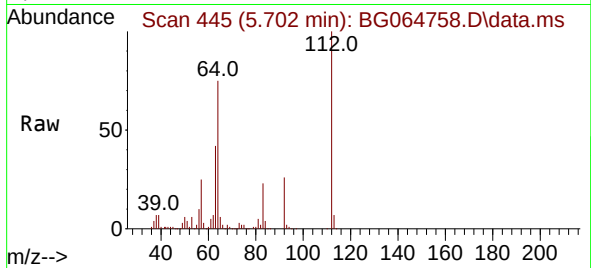




#5  
2-Fluorophenol  
Concen: 125.521 ng  
RT: 5.702 min Scan# 444  
Delta R.T. 0.002 min  
Lab File: BG064758.D  
Acq: 13 Nov 2025 15:57

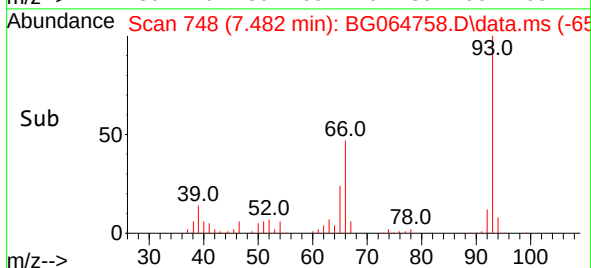
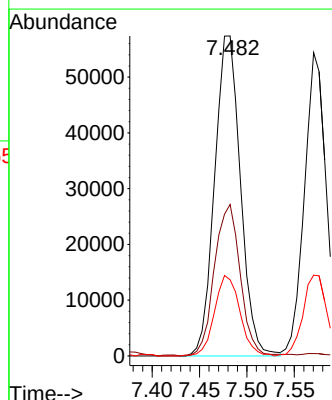
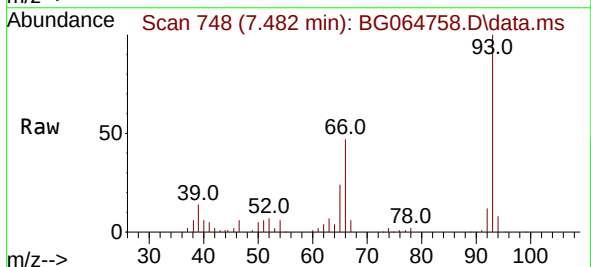
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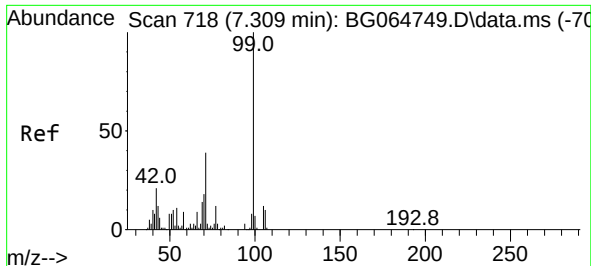
Tgt Ion:112 Resp: 254066  
Ion Ratio Lower Upper  
112 100  
64 75.3 61.0 91.4  
63 42.1 33.3 49.9



#6  
Aniline  
Concen: 30.362 ng  
RT: 7.482 min Scan# 748  
Delta R.T. 0.002 min  
Lab File: BG064758.D  
Acq: 13 Nov 2025 15:57

Tgt Ion: 93 Resp: 108952  
Ion Ratio Lower Upper  
93 100  
66 47.4 37.7 56.5  
65 23.8 19.1 28.7

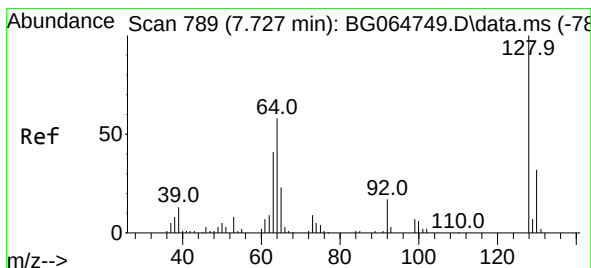
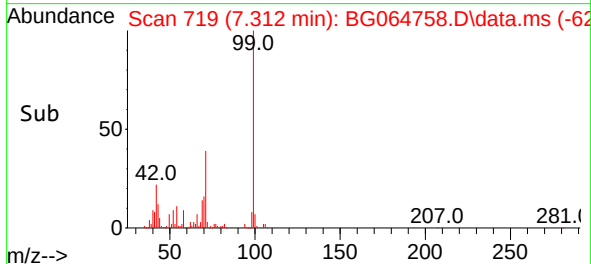
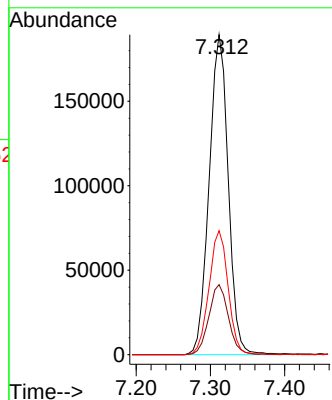
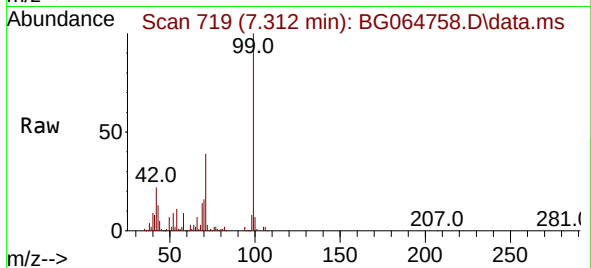




#7  
Phenol-d6  
Concen: 125.846 ng  
RT: 7.312 min Scan# 718  
Delta R.T. 0.002 min  
Lab File: BG064758.D  
Acq: 13 Nov 2025 15:57

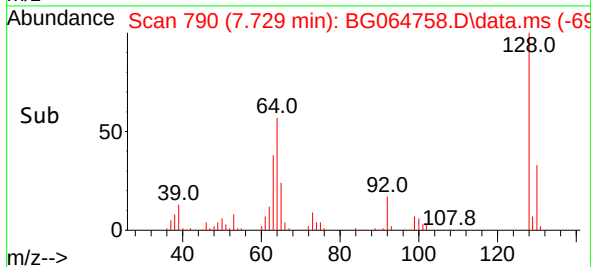
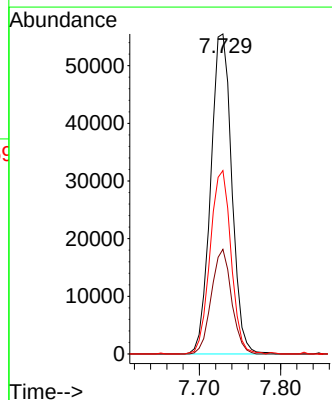
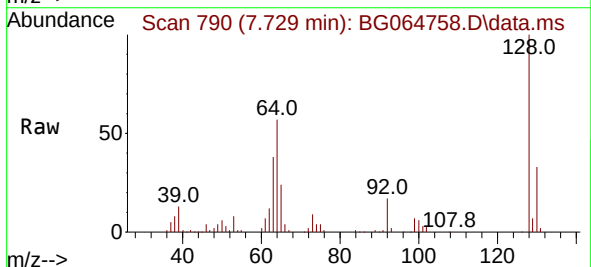
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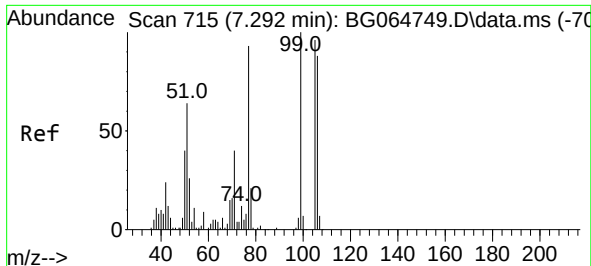
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Ion Ratio Lower Upper  
99 100  
42 21.9 16.8 25.2  
71 38.8 31.1 46.7



#8  
2-Chlorophenol  
Concen: 44.936 ng  
RT: 7.729 min Scan# 790  
Delta R.T. 0.002 min  
Lab File: BG064758.D  
Acq: 13 Nov 2025 15:57

Tgt Ion: 128 Resp: 99871  
Ion Ratio Lower Upper  
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130 32.7 11.9 51.9  
64 57.3 38.4 78.4

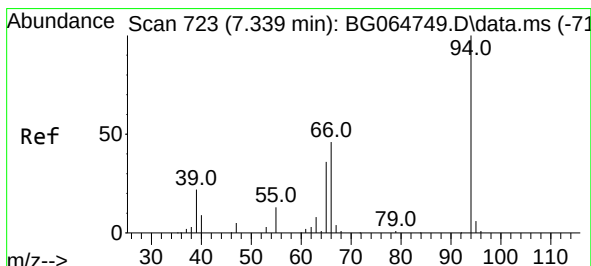
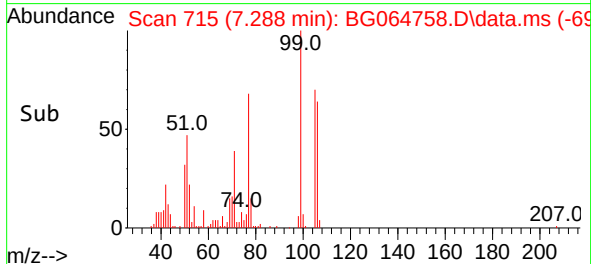
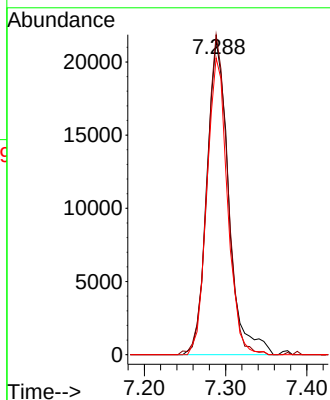
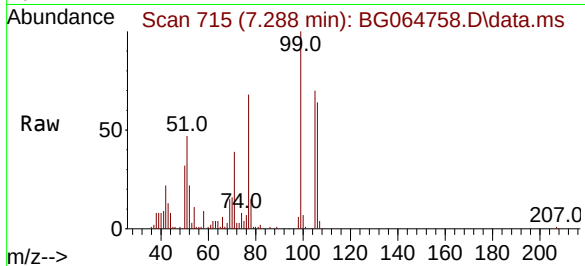




#9  
Benzaldehyde  
Concen: 22.711 ng  
RT: 7.288 min Scan# 715  
Delta R.T. -0.004 min  
Lab File: BG064758.D  
Acq: 13 Nov 2025 15:57

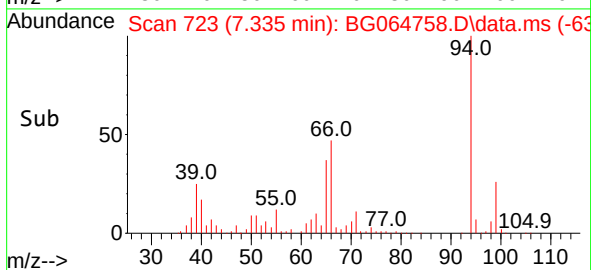
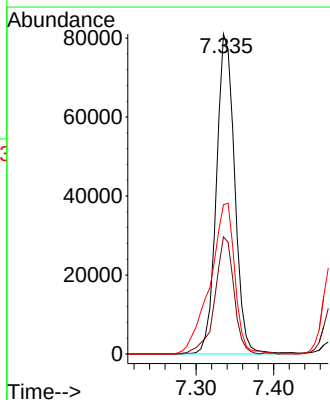
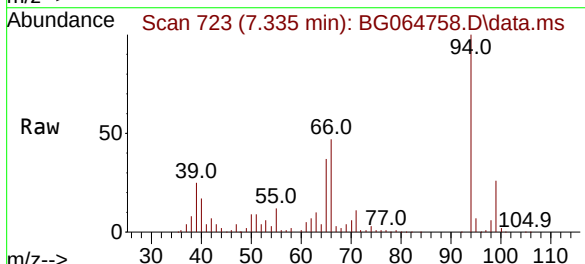
Instrument :  
BNA\_G  
ClientSampleId :  
PB170528BS

Tgt Ion: 77 Resp: 40023  
Ion Ratio Lower Upper  
77 100  
105 101.7 83.8 123.8  
106 94.4 74.3 114.3

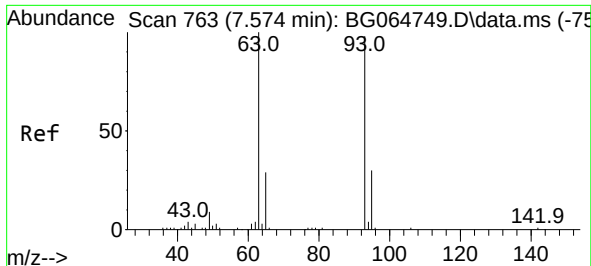


#10  
Phenol  
Concen: 45.170 ng  
RT: 7.335 min Scan# 723  
Delta R.T. -0.004 min  
Lab File: BG064758.D  
Acq: 13 Nov 2025 15:57

Tgt Ion: 94 Resp: 132310  
Ion Ratio Lower Upper  
94 100  
65 36.6 17.0 57.0  
66 46.7 29.8 69.8



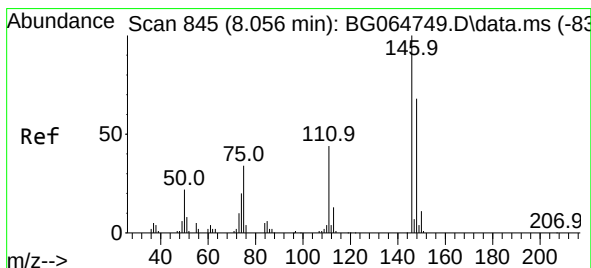
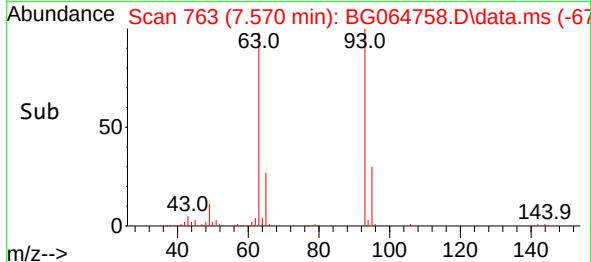
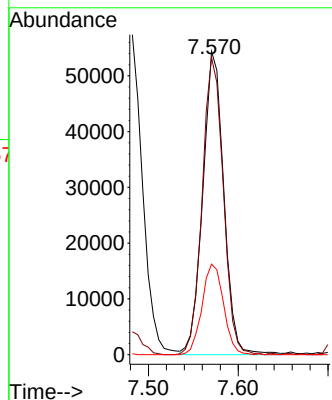
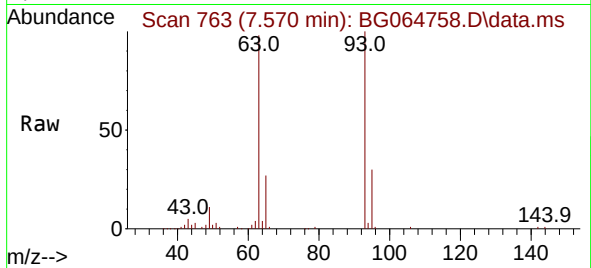




#11  
bis(2-Chloroethyl)ether  
Concen: 42.459 ng  
RT: 7.570 min Scan# 763  
Delta R.T. -0.004 min  
Lab File: BG064758.D  
Acq: 13 Nov 2025 15:57

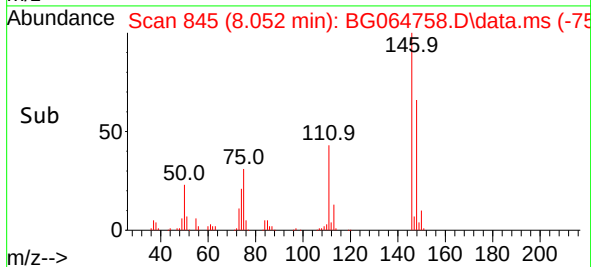
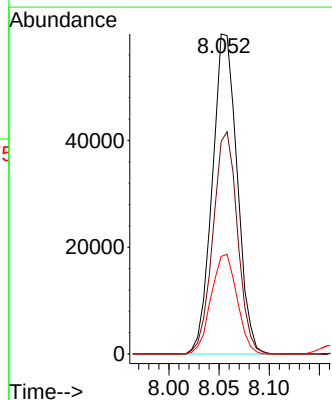
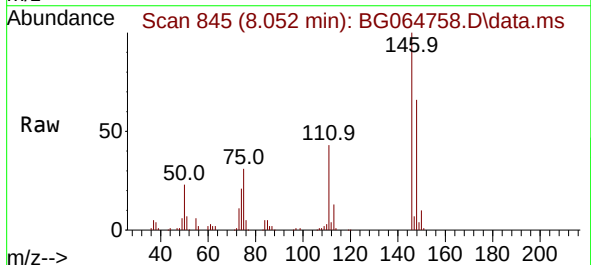
Instrument :  
BNA\_G  
ClientSampleId :  
PB170528BS

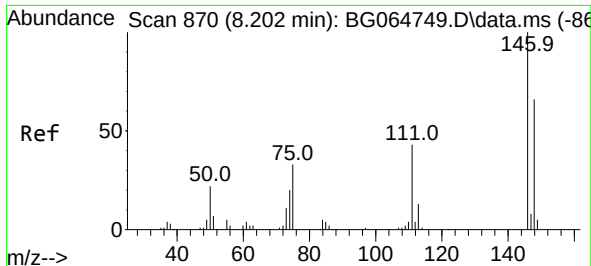
Tgt Ion: 93 Resp: 88499  
Ion Ratio Lower Upper  
93 100  
63 98.0 81.8 121.8  
95 29.9 10.3 50.3



#12  
1,3-Dichlorobenzene  
Concen: 40.337 ng  
RT: 8.052 min Scan# 845  
Delta R.T. -0.004 min  
Lab File: BG064758.D  
Acq: 13 Nov 2025 15:57

Tgt Ion: 146 Resp: 103159  
Ion Ratio Lower Upper  
146 100  
148 66.4 54.6 82.0  
75 30.5 27.6 41.4





#13

1,4-Dichlorobenzene

Concen: 41.859 ng

RT: 8.199 min Scan# 81

Delta R.T. -0.004 min

Lab File: BG064758.D

Acq: 13 Nov 2025 15:57

Instrument :

BNA\_G

ClientSampleId :

PB170528BS

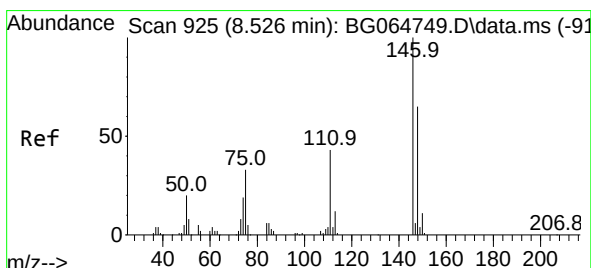
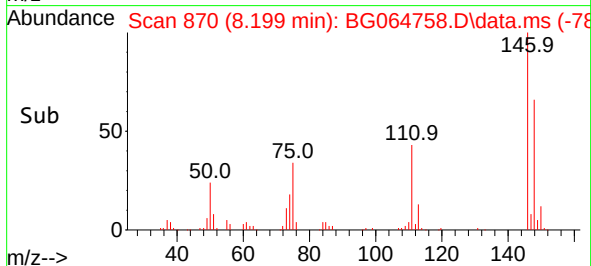
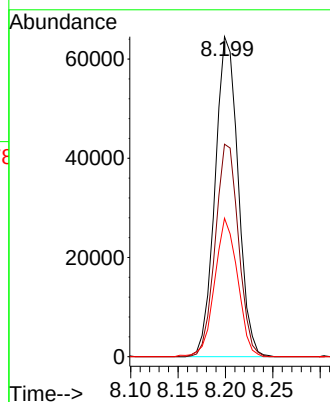
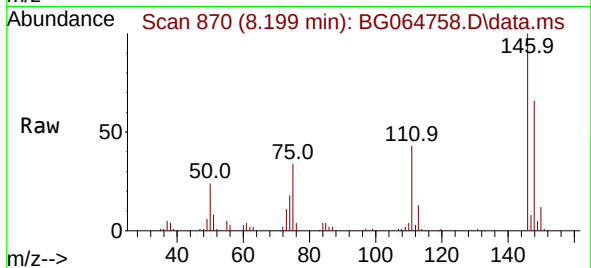
Tgt Ion:146 Resp: 109006

Ion Ratio Lower Upper

146 100

148 66.4 53.1 79.7

111 43.3 34.1 51.1



#14

1,2-Dichlorobenzene

Concen: 41.377 ng

RT: 8.522 min Scan# 925

Delta R.T. -0.004 min

Lab File: BG064758.D

Acq: 13 Nov 2025 15:57

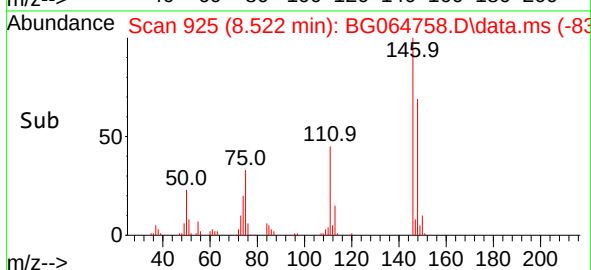
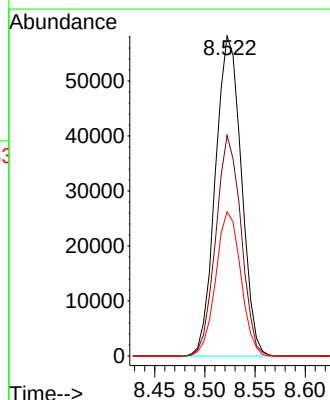
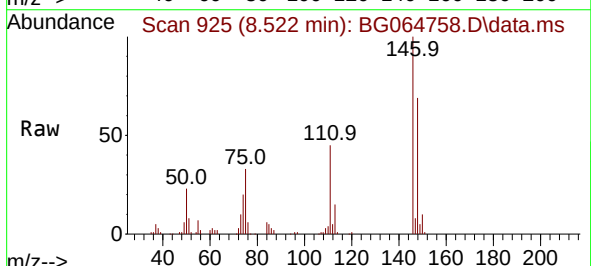
Tgt Ion:146 Resp: 104476

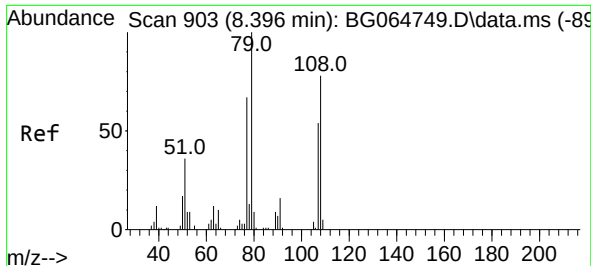
Ion Ratio Lower Upper

146 100

148 68.9 52.0 78.0

111 45.1 34.7 52.1

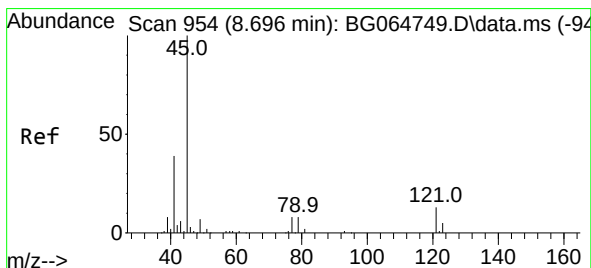
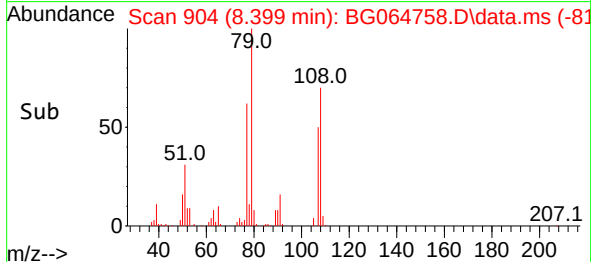
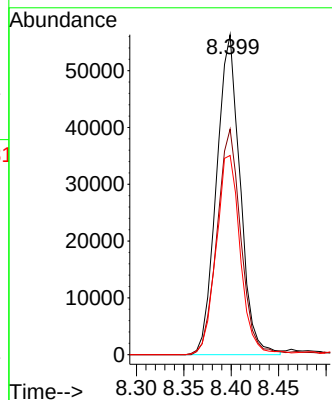
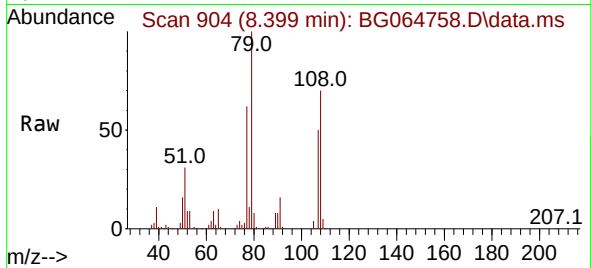




#15  
Benzyl Alcohol  
Concen: 44.124 ng  
RT: 8.399 min Scan# 903  
Delta R.T. 0.002 min  
Lab File: BG064758.D  
Acq: 13 Nov 2025 15:57

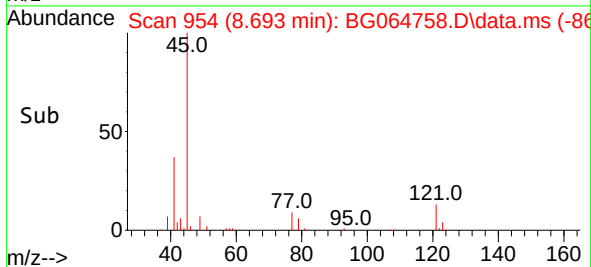
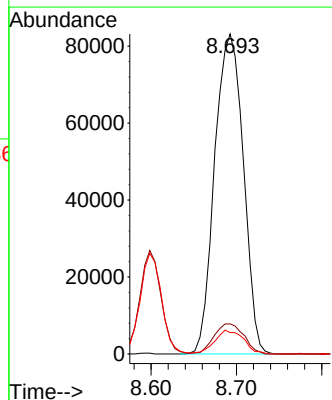
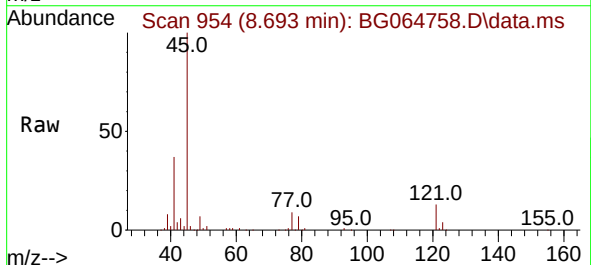
Instrument :  
BNA\_G  
ClientSampleId :  
PB170528BS

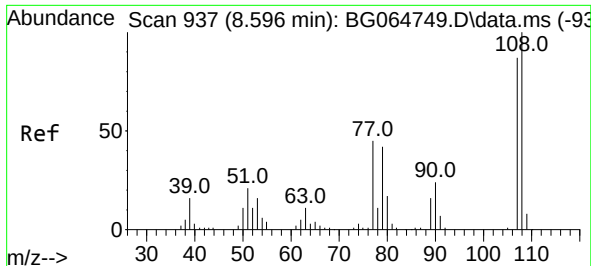
Tgt Ion: 79 Resp: 97504  
Ion Ratio Lower Upper  
79 100  
108 70.5 62.3 93.5  
77 62.2 53.5 80.3



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 39.357 ng  
RT: 8.693 min Scan# 954  
Delta R.T. -0.004 min  
Lab File: BG064758.D  
Acq: 13 Nov 2025 15:57

Tgt Ion: 45 Resp: 194173  
Ion Ratio Lower Upper  
45 100  
77 9.4 0.0 28.8  
79 6.7 0.0 28.1





#17

2-Methylphenol

Concen: 44.037 ng

RT: 8.598 min Scan# 91

Delta R.T. 0.002 min

Lab File: BG064758.D

Acq: 13 Nov 2025 15:57

Instrument :

BNA\_G

ClientSampleId :

PB170528BS

Tgt Ion:107 Resp: 91269

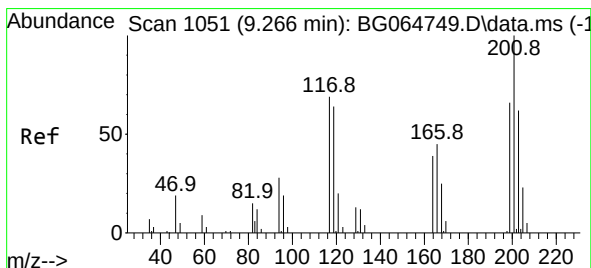
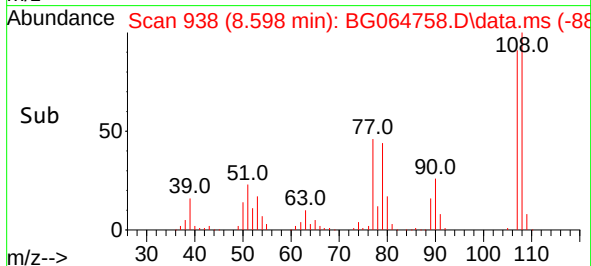
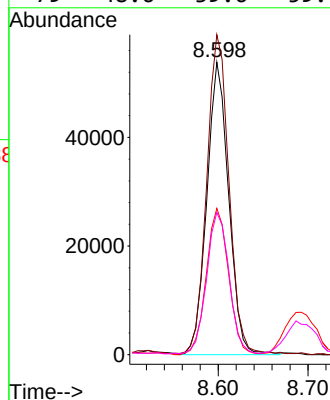
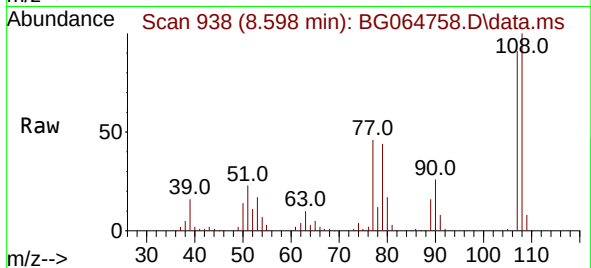
Ion Ratio Lower Upper

107 100

108 109.4 92.6 138.8

77 50.0 41.2 61.8

79 48.6 39.6 59.4



#18

Hexachloroethane

Concen: 39.656 ng

RT: 9.262 min Scan# 1051

Delta R.T. -0.004 min

Lab File: BG064758.D

Acq: 13 Nov 2025 15:57

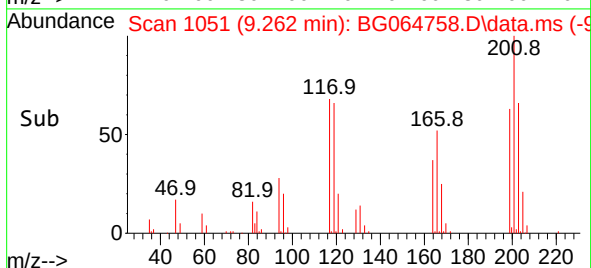
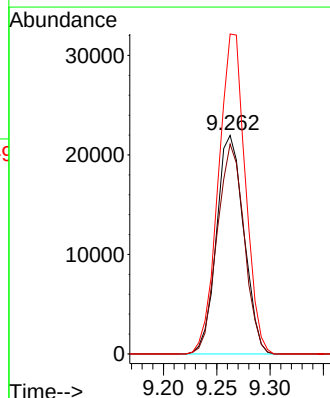
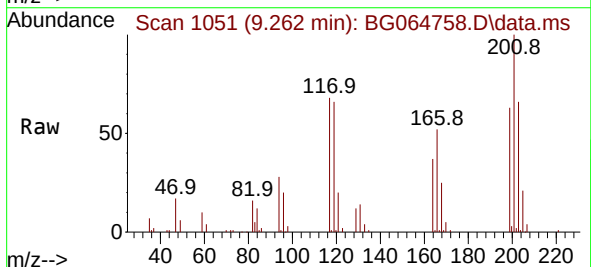
Tgt Ion:117 Resp: 39113

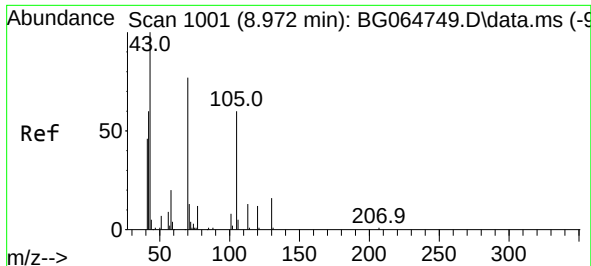
Ion Ratio Lower Upper

117 100

119 94.8 74.4 111.6

201 144.5 116.5 174.7





#19

n-Nitroso-di-n-propylamine

Concen: 41.570 ng

RT: 8.969 min Scan# 1001

Delta R.T. -0.004 min

Lab File: BG064758.D

Acq: 13 Nov 2025 15:57

Instrument :

BNA\_G

ClientSampleId :

PB170528BS

Tgt Ion: 70 Resp: 75668

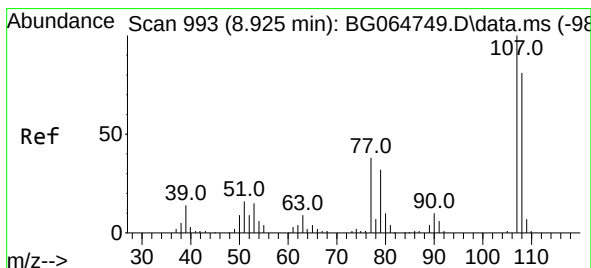
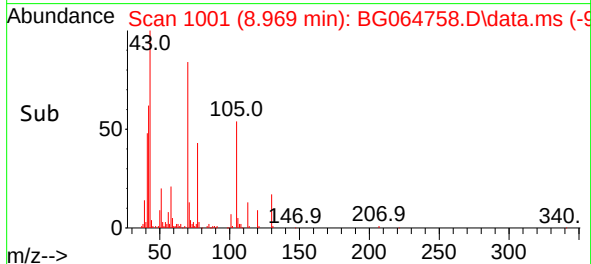
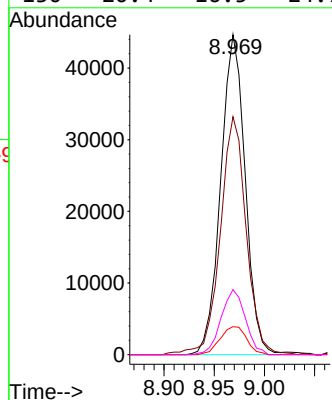
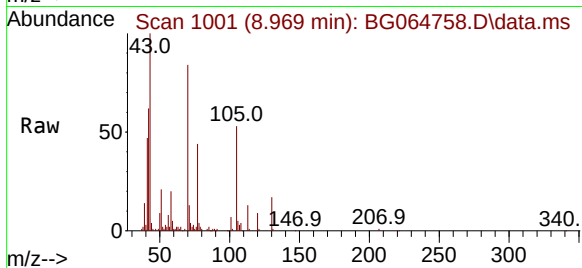
Ion Ratio Lower Upper

70 100

42 74.3 62.6 93.8

101 8.8 8.0 12.0

130 20.4 16.5 24.7



#20

3+4-Methylphenols

Concen: 42.845 ng

RT: 8.928 min Scan# 994

Delta R.T. 0.002 min

Lab File: BG064758.D

Acq: 13 Nov 2025 15:57

Tgt Ion:107 Resp: 121650

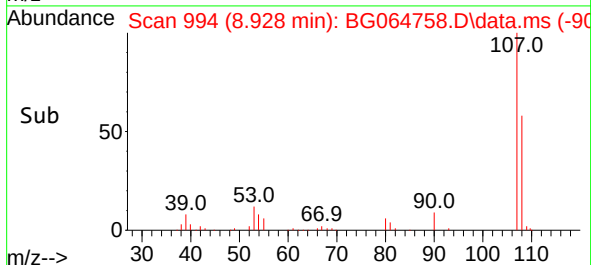
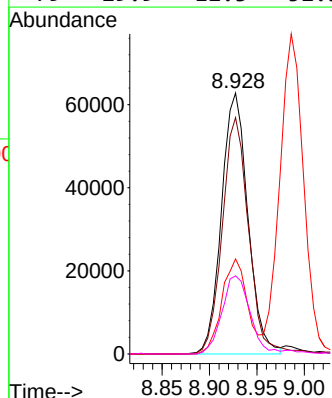
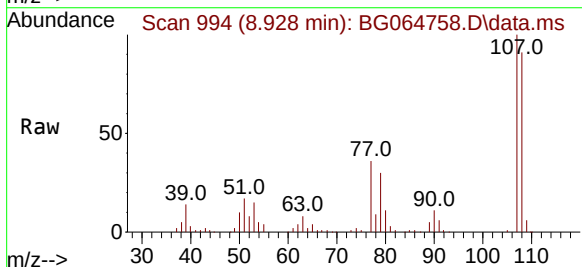
Ion Ratio Lower Upper

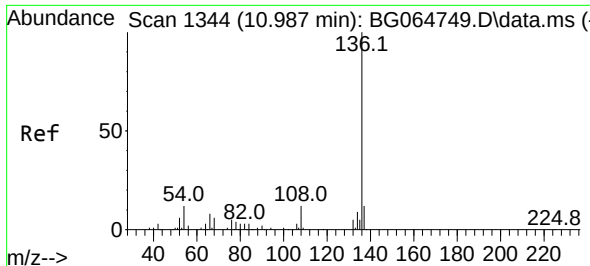
107 100

108 90.6 61.0 101.0

77 36.4 17.6 57.6

79 29.9 12.3 52.3

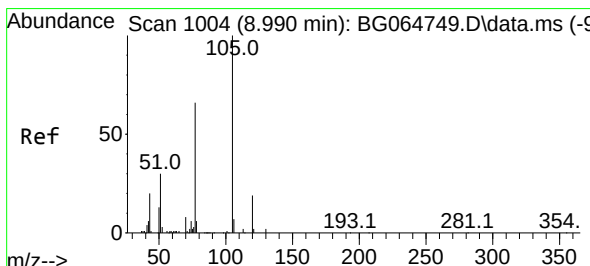
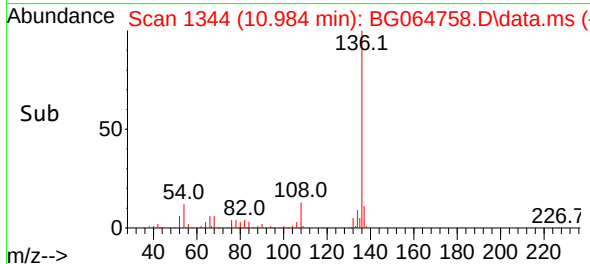
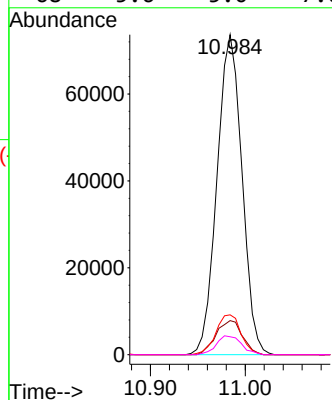
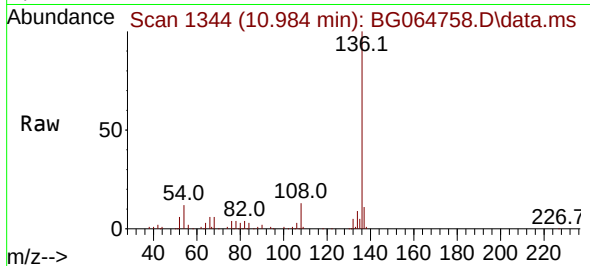




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.984 min Scan# 11  
Delta R.T. -0.003 min  
Lab File: BG064758.D  
Acq: 13 Nov 2025 15:57

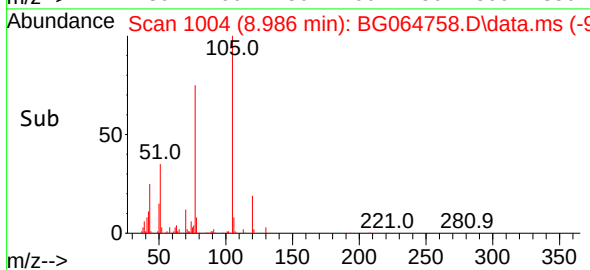
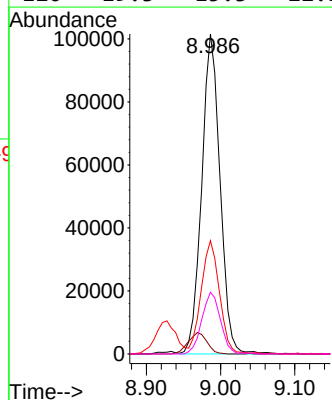
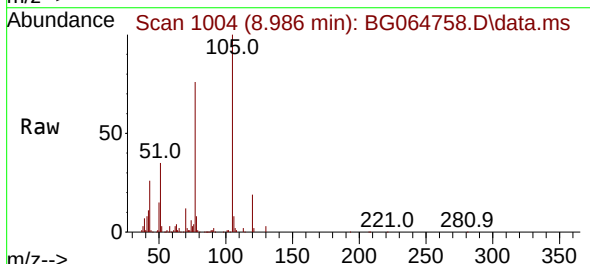
Instrument :  
BNA\_G  
ClientSampleId :  
PB170528BS

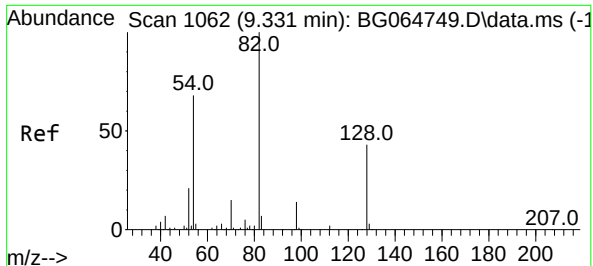
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 136   | Resp: | 134884 |
| Ion Ratio | Lower | Upper |        |
| 136       | 100   |       |        |
| 137       | 10.6  | 9.3   | 13.9   |
| 54        | 12.4  | 9.3   | 13.9   |
| 68        | 5.6   | 5.0   | 7.6    |



#22  
Acetophenone  
Concen: 47.481 ng  
RT: 8.986 min Scan# 1004  
Delta R.T. -0.004 min  
Lab File: BG064758.D  
Acq: 13 Nov 2025 15:57

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 105   | Resp: | 174486 |
| Ion Ratio | Lower | Upper |        |
| 105       | 100   |       |        |
| 71        | 2.2   | 1.3   | 1.9    |
| 51        | 35.4  | 27.9  | 41.9   |
| 120       | 19.3  | 15.3  | 22.9   |





#23

Nitrobenzene-d5

Concen: 78.611 ng

RT: 9.327 min Scan# 1062

Delta R.T. -0.004 min

Lab File: BG064758.D

Acq: 13 Nov 2025 15:57

Instrument :

BNA\_G

ClientSampleId :

PB170528BS

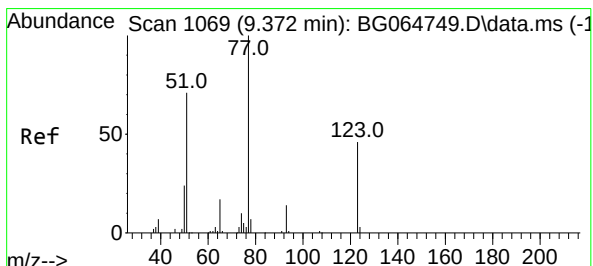
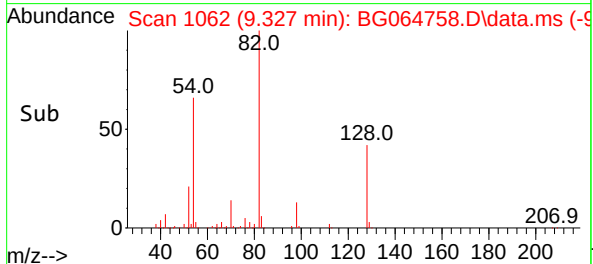
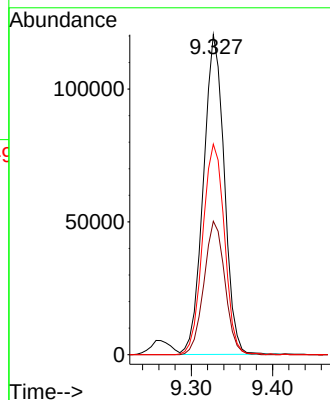
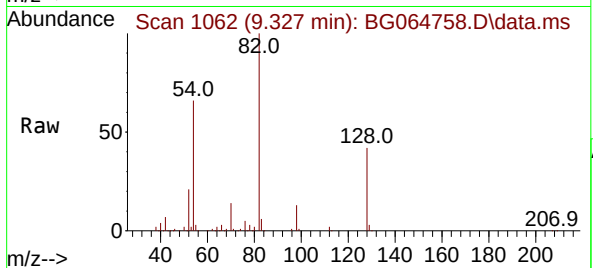
Tgt Ion: 82 Resp: 214456

Ion Ratio Lower Upper

82 100

128 41.7 34.1 51.1

54 65.8 54.3 81.5



#24

Nitrobenzene

Concen: 42.635 ng

RT: 9.368 min Scan# 1069

Delta R.T. -0.004 min

Lab File: BG064758.D

Acq: 13 Nov 2025 15:57

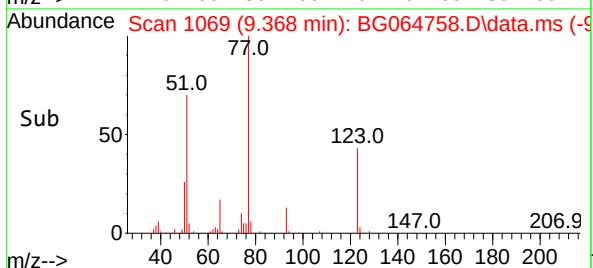
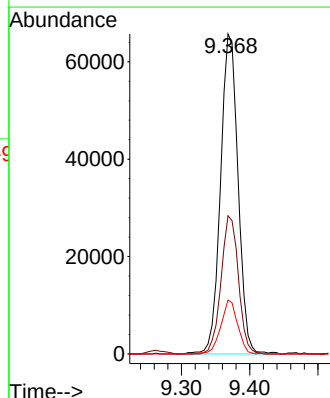
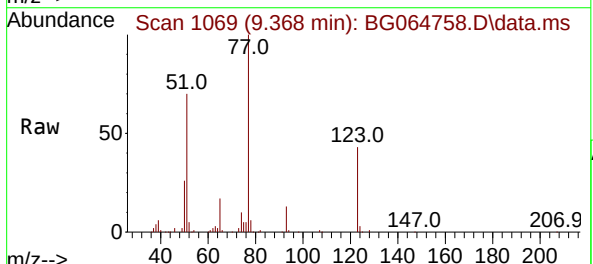
Tgt Ion: 77 Resp: 117523

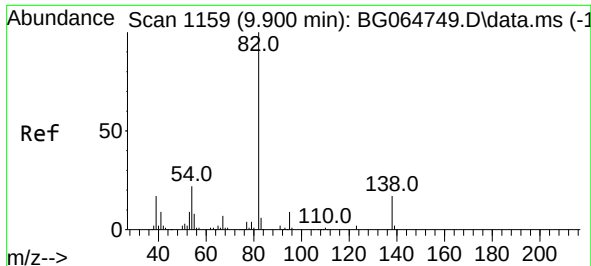
Ion Ratio Lower Upper

77 100

123 43.2 36.5 54.7

65 16.8 13.5 20.3

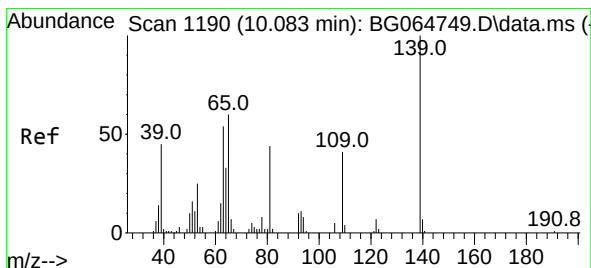
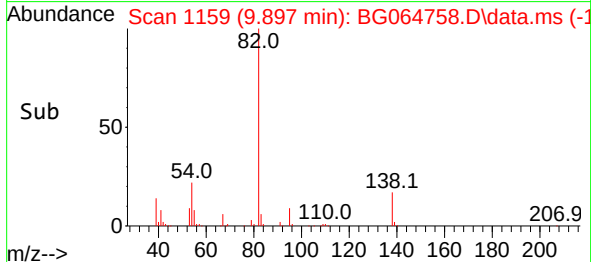
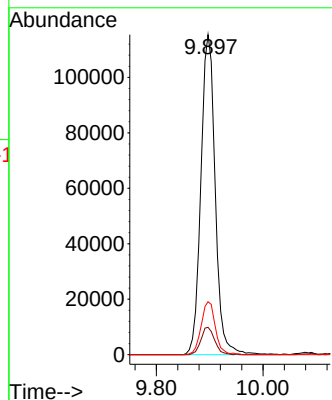
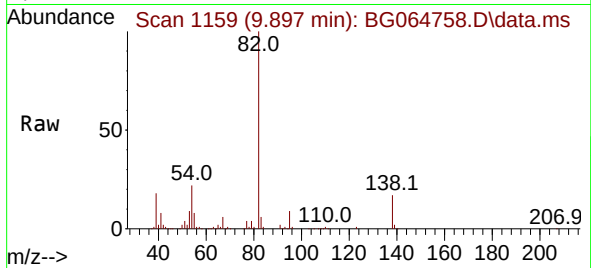




#25  
Isophorone  
Concen: 41.384 ng  
RT: 9.897 min Scan# 1159  
Delta R.T. -0.004 min  
Lab File: BG064758.D  
Acq: 13 Nov 2025 15:57

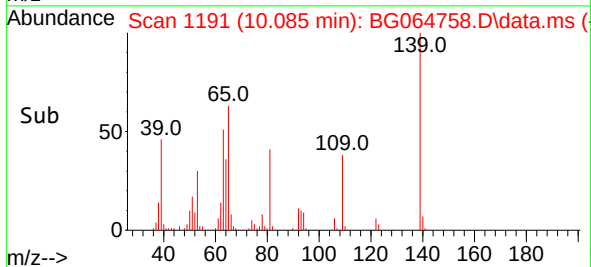
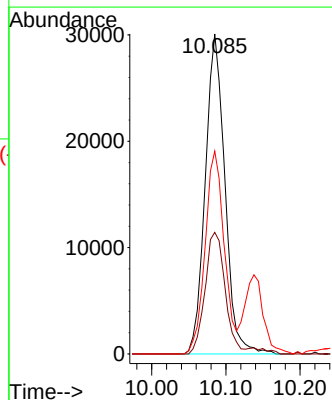
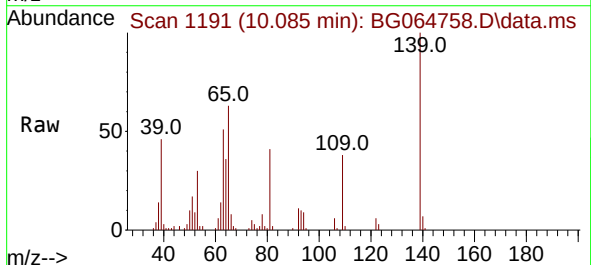
Instrument :  
BNA\_G  
ClientSampleId :  
PB170528BS

Tgt Ion: 82 Resp: 214996  
Ion Ratio Lower Upper  
82 100  
95 8.6 6.9 10.3  
138 16.6 13.9 20.9

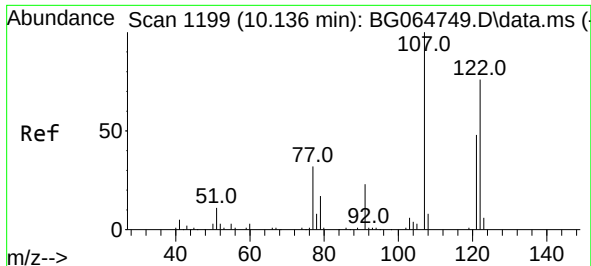


#26  
2-Nitrophenol  
Concen: 44.728 ng  
RT: 10.085 min Scan# 1191  
Delta R.T. 0.002 min  
Lab File: BG064758.D  
Acq: 13 Nov 2025 15:57

Tgt Ion: 139 Resp: 55456  
Ion Ratio Lower Upper  
139 100  
109 38.0 32.5 48.7  
65 63.4 47.6 71.4







#27

2,4-Dimethylphenol

Concen: 43.957 ng

RT: 10.138 min Scan# 1199

Delta R.T. 0.002 min

Lab File: BG064758.D

Acq: 13 Nov 2025 15:57

Instrument :

BNA\_G

ClientSampleId :

PB170528BS

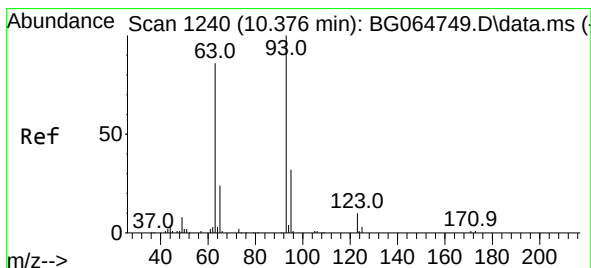
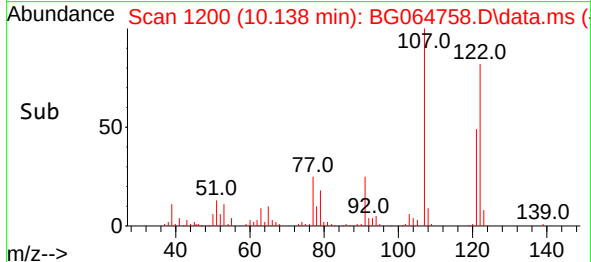
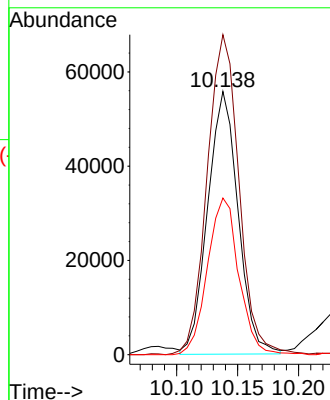
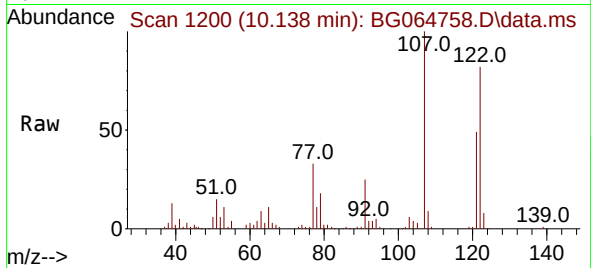
Tgt Ion:122 Resp: 96822

Ion Ratio Lower Upper

122 100

107 121.6 102.5 153.7

121 59.5 49.0 73.6



#28

bis(2-Chloroethoxy)methane

Concen: 42.821 ng

RT: 10.373 min Scan# 1240

Delta R.T. -0.004 min

Lab File: BG064758.D

Acq: 13 Nov 2025 15:57

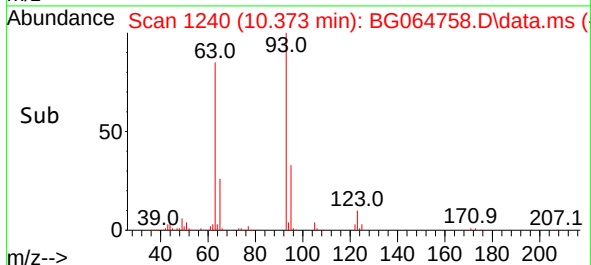
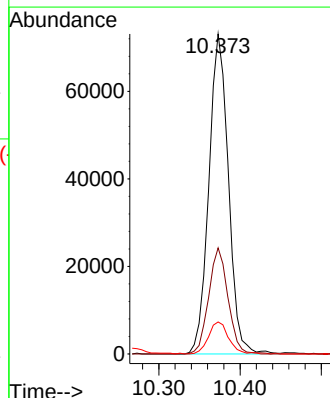
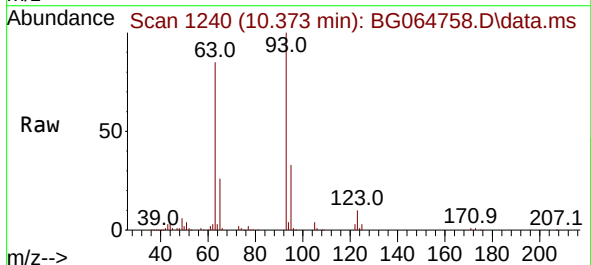
Tgt Ion: 93 Resp: 122129

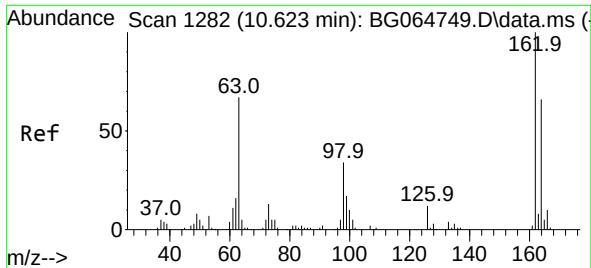
Ion Ratio Lower Upper

93 100

95 33.1 25.4 38.2

123 10.0 8.1 12.1





#29

2,4-Dichlorophenol

Concen: 46.910 ng

RT: 10.626 min Scan# 1282

Delta R.T. 0.002 min

Lab File: BG064758.D

Acq: 13 Nov 2025 15:57

Instrument :

BNA\_G

ClientSampleId :

PB170528BS

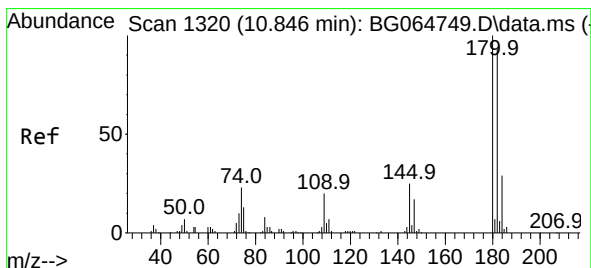
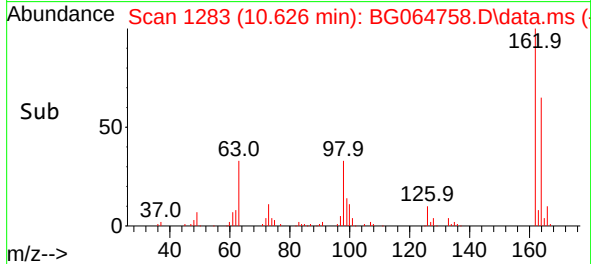
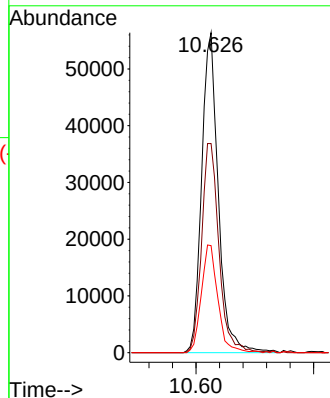
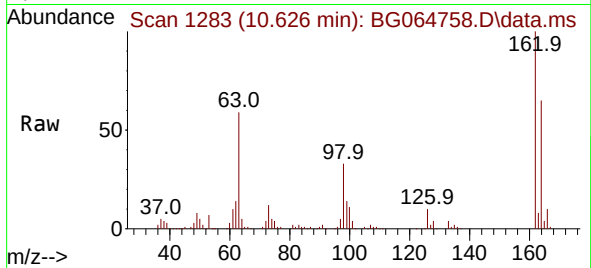
Tgt Ion:162 Resp: 110934

Ion Ratio Lower Upper

162 100

164 65.4 46.0 86.0

98 33.4 14.2 54.2



#30

1,2,4-Trichlorobenzene

Concen: 44.200 ng

RT: 10.843 min Scan# 1320

Delta R.T. -0.004 min

Lab File: BG064758.D

Acq: 13 Nov 2025 15:57

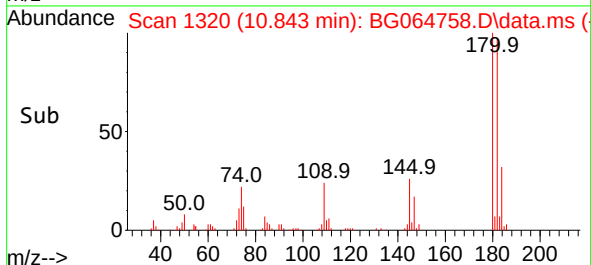
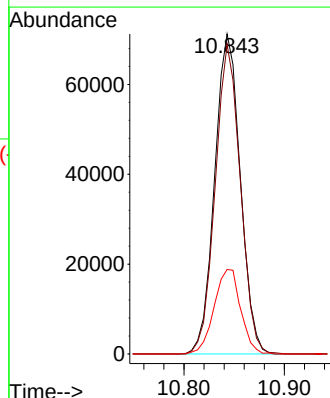
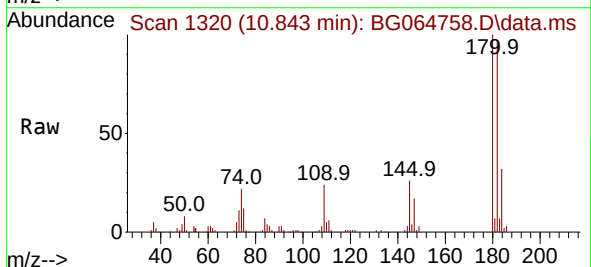
Tgt Ion:180 Resp: 126218

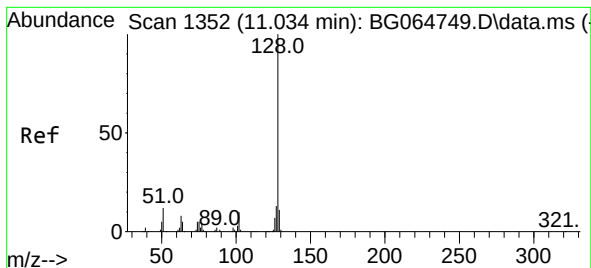
Ion Ratio Lower Upper

180 100

182 96.7 74.2 111.4

145 26.4 20.0 30.0





#31

Naphthalene

Concen: 41.682 ng

RT: 11.037 min Scan# 11

Delta R.T. 0.002 min

Lab File: BG064758.D

Acq: 13 Nov 2025 15:57

Instrument :

BNA\_G

ClientSampleId :

PB170528BS

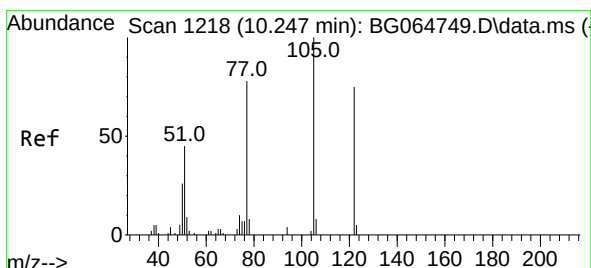
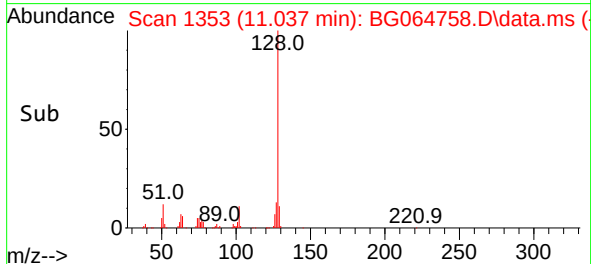
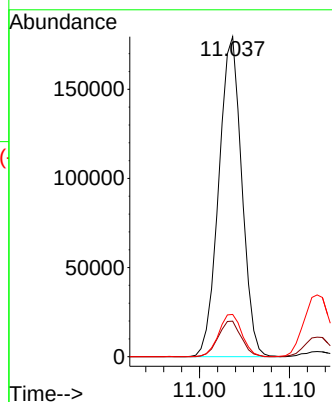
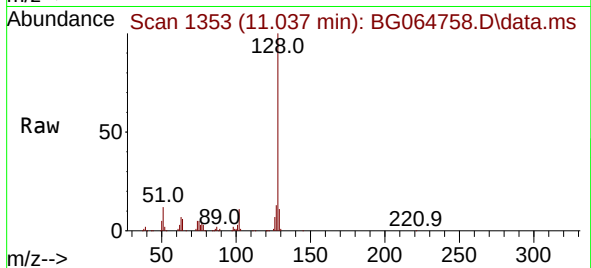
Tgt Ion:128 Resp: 318715

Ion Ratio Lower Upper

128 100

129 11.1 8.6 12.8

127 13.2 10.6 16.0



#32

Benzoic acid

Concen: 39.851 ng

RT: 10.267 min Scan# 1222

Delta R.T. 0.020 min

Lab File: BG064758.D

Acq: 13 Nov 2025 15:57

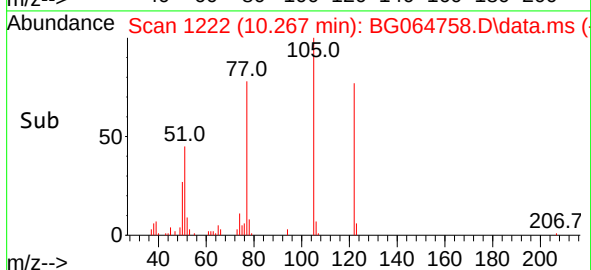
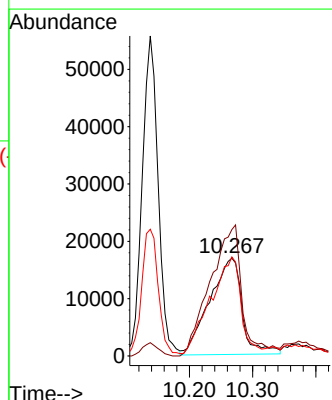
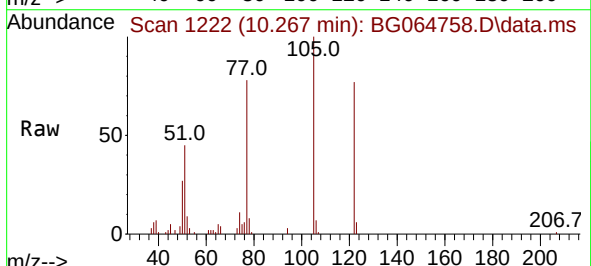
Tgt Ion:122 Resp: 60182

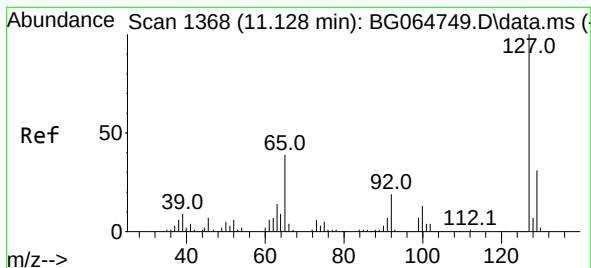
Ion Ratio Lower Upper

122 100

105 129.4 107.6 147.6

77 101.3 82.5 122.5

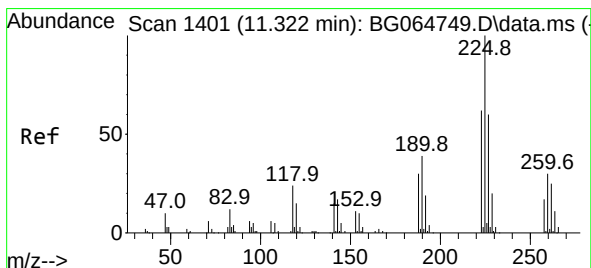
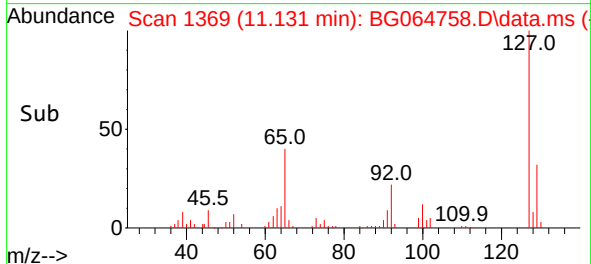
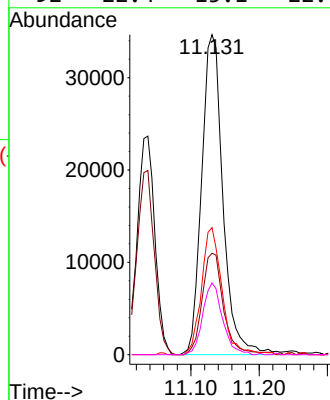
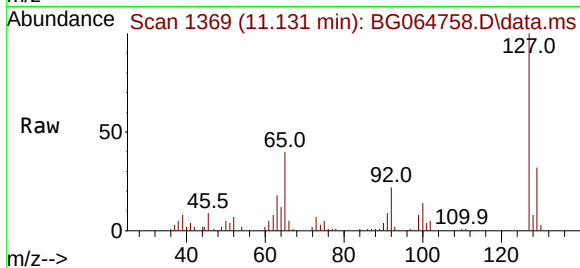




#33  
4-Chloroaniline  
Concen: 24.575 ng  
RT: 11.131 min Scan# 11  
Delta R.T. 0.002 min  
Lab File: BG064758.D  
Acq: 13 Nov 2025 15:57

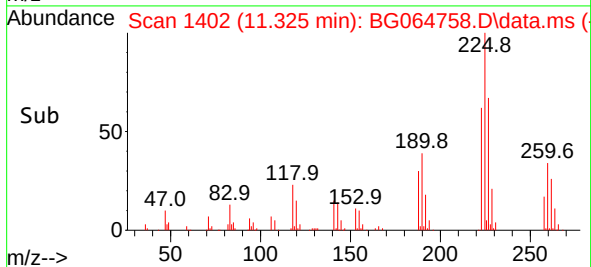
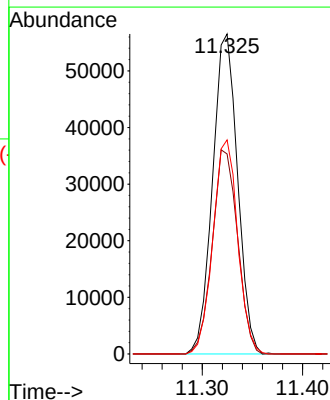
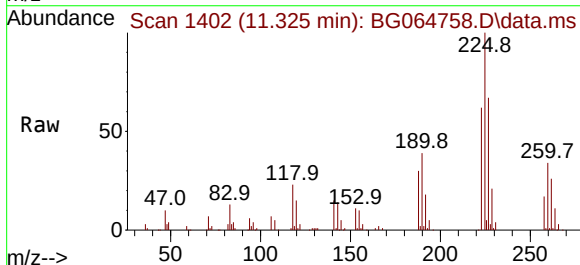
Instrument :  
BNA\_G  
ClientSampleId :  
PB170528BS

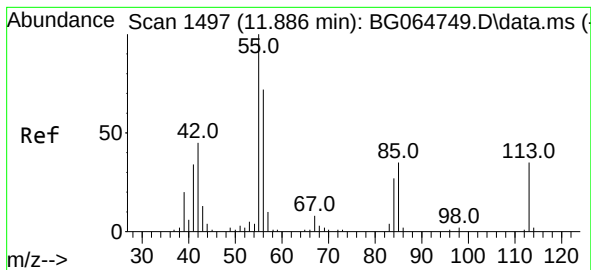
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 127   | Resp: | 75168 |
| Ion      | Ratio | Lower | Upper |
| 127      | 100   |       |       |
| 129      | 31.7  | 24.9  | 37.3  |
| 65       | 39.7  | 30.9  | 46.3  |
| 92       | 22.4  | 15.1  | 22.7  |



#34  
Hexachlorobutadiene  
Concen: 39.855 ng  
RT: 11.325 min Scan# 1402  
Delta R.T. 0.002 min  
Lab File: BG064758.D  
Acq: 13 Nov 2025 15:57

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 225   | Resp: | 97649 |
| Ion      | Ratio | Lower | Upper |
| 225      | 100   |       |       |
| 223      | 59.7  | 49.9  | 74.9  |
| 227      | 64.0  | 50.6  | 75.8  |

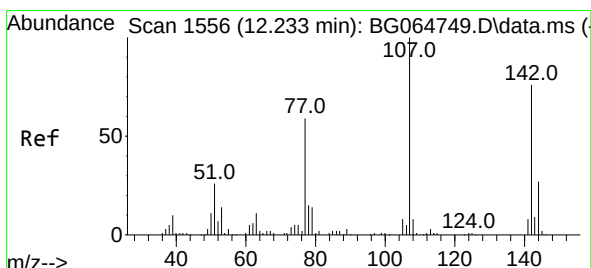
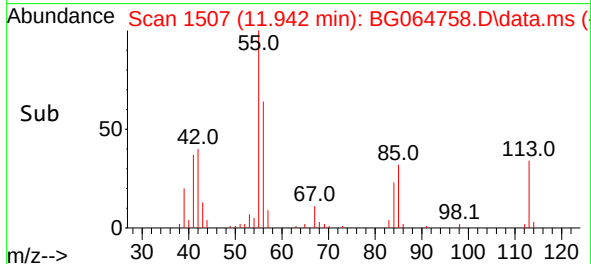
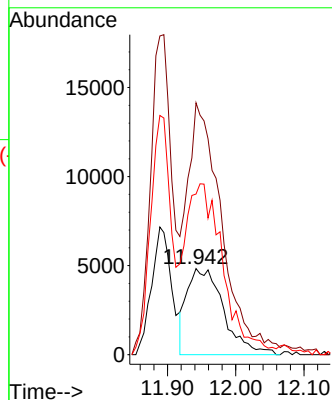
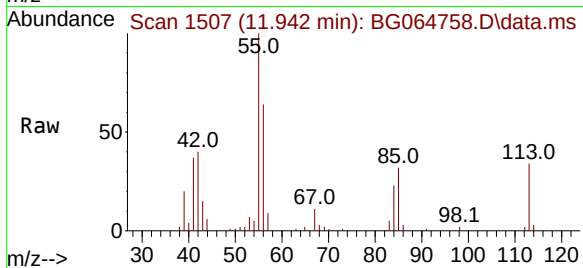




#35  
 Caprolactam  
 Concen: 25.485 ng  
 RT: 11.942 min Scan# 11  
 Delta R.T. 0.055 min  
 Lab File: BG064758.D  
 Acq: 13 Nov 2025 15:57

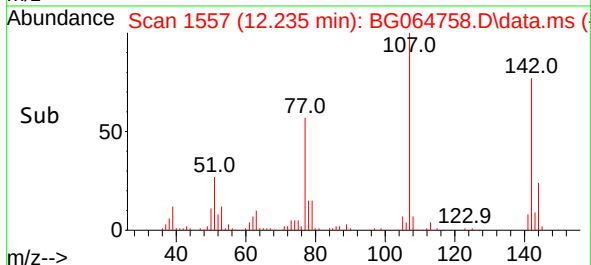
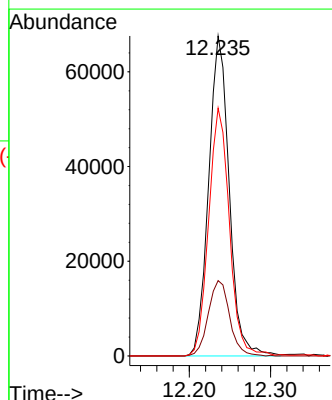
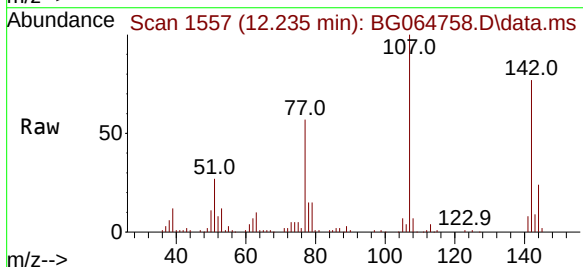
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB170528BS

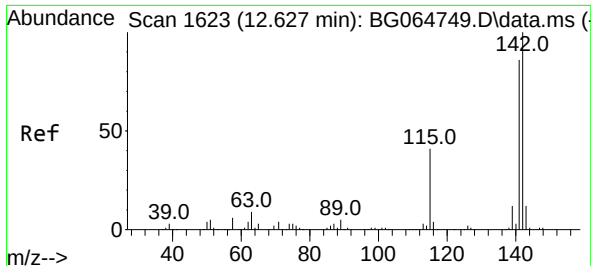
Tgt Ion:113 Resp: 18026  
 Ion Ratio Lower Upper  
 113 100  
 55 292.3 263.7 303.7  
 56 186.4 184.0 224.0



#36  
 4-Chloro-3-methylphenol  
 Concen: 45.014 ng  
 RT: 12.235 min Scan# 1557  
 Delta R.T. 0.002 min  
 Lab File: BG064758.D  
 Acq: 13 Nov 2025 15:57

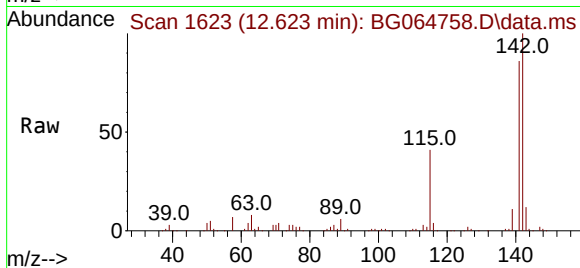
Tgt Ion:107 Resp: 118485  
 Ion Ratio Lower Upper  
 107 100  
 144 23.6 21.7 32.5  
 142 77.4 60.8 91.2



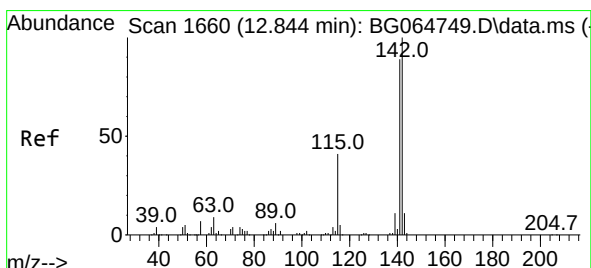
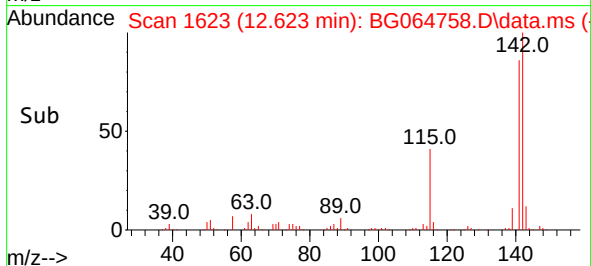
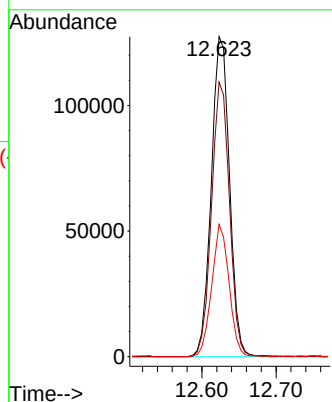


#37  
2-Methylnaphthalene  
Concen: 38.036 ng  
RT: 12.623 min Scan# 1  
Delta R.T. -0.004 min  
Lab File: BG064758.D  
Acq: 13 Nov 2025 15:57

Instrument :  
BNA\_G  
ClientSampleId :  
PB170528BS

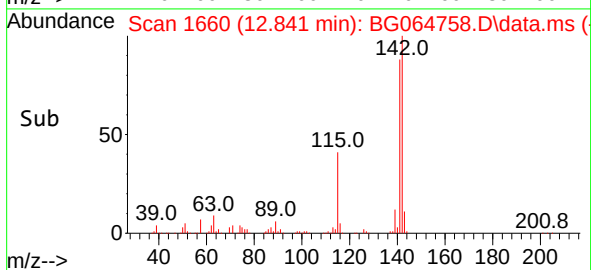
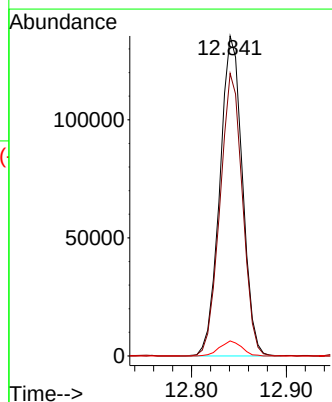
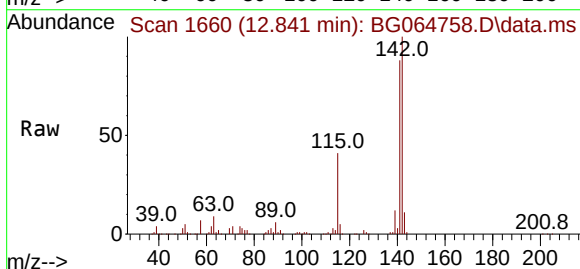


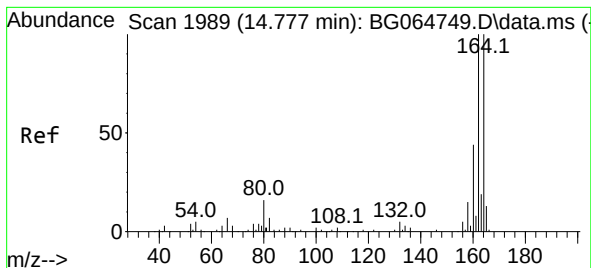
Tgt Ion:142 Resp: 217639  
Ion Ratio Lower Upper  
142 100  
141 85.8 69.1 103.7  
115 41.3 32.9 49.3



#38  
1-Methylnaphthalene  
Concen: 39.473 ng  
RT: 12.841 min Scan# 1660  
Delta R.T. -0.004 min  
Lab File: BG064758.D  
Acq: 13 Nov 2025 15:57

Tgt Ion:142 Resp: 224362  
Ion Ratio Lower Upper  
142 100  
141 88.3 70.8 106.2  
116 4.7 3.7 5.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.774 min Scan# 1989

Delta R.T. -0.004 min

Lab File: BG064758.D

Acq: 13 Nov 2025 15:57

Instrument :

BNA\_G

ClientSampleId :

PB170528BS

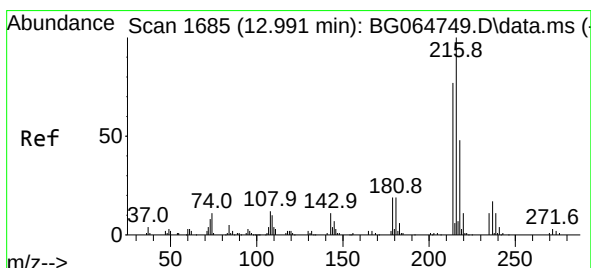
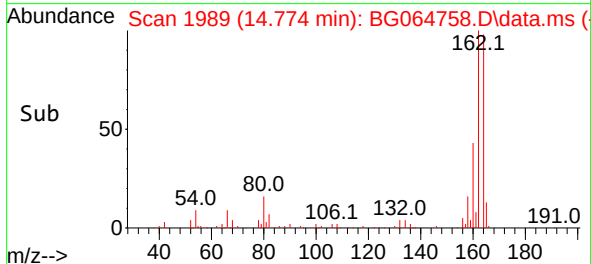
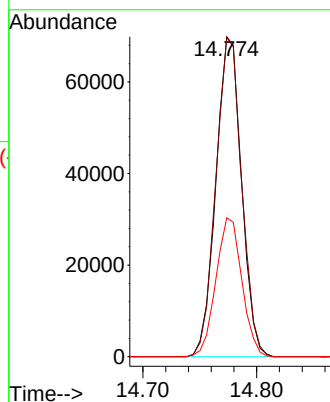
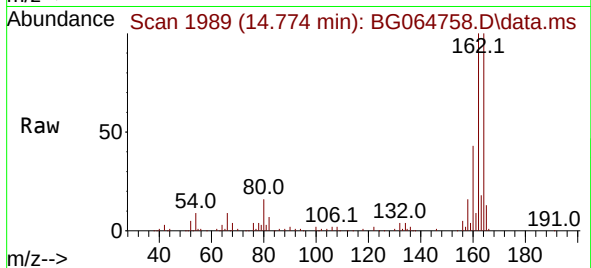
Tgt Ion:164 Resp: 109093

Ion Ratio Lower Upper

164 100

162 100.2 79.8 119.6

160 43.5 34.9 52.3



#40

1,2,4,5-Tetrachlorobenzene

Concen: 47.111 ng

RT: 12.987 min Scan# 1685

Delta R.T. -0.004 min

Lab File: BG064758.D

Acq: 13 Nov 2025 15:57

Tgt Ion:216 Resp: 200015

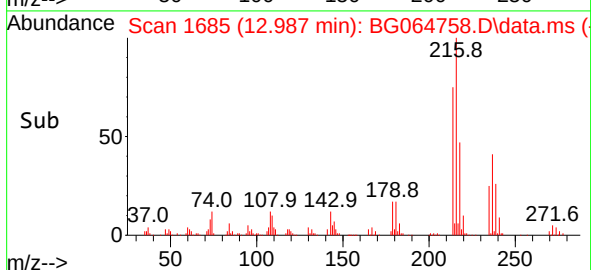
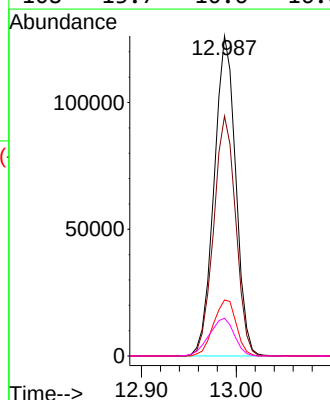
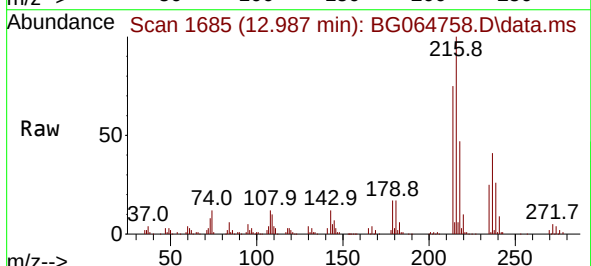
Ion Ratio Lower Upper

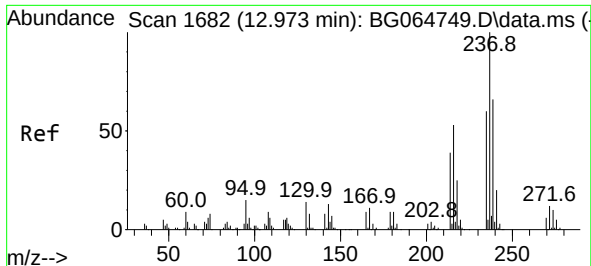
216 100

214 76.6 60.5 90.7

179 18.4 14.7 22.1

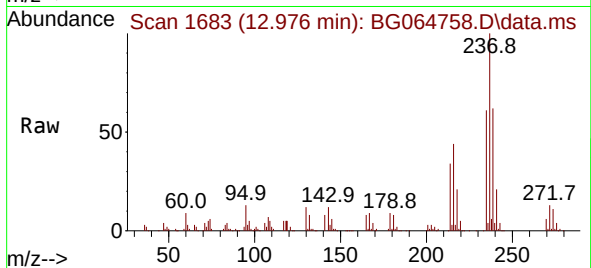
108 13.7 10.6 16.0



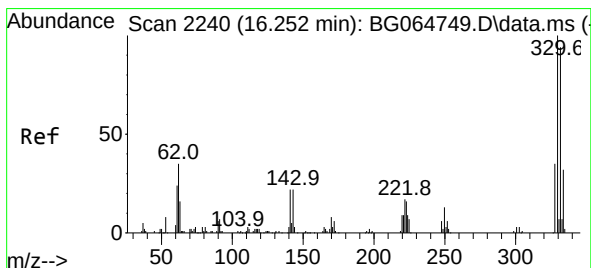
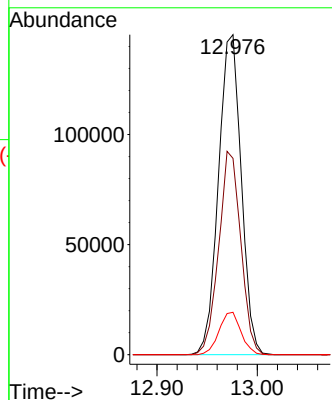
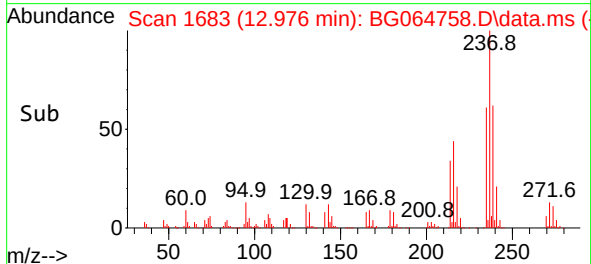


#41  
Hexachlorocyclopentadiene  
Concen: 75.176 ng  
RT: 12.976 min Scan# 1  
Delta R.T. 0.002 min  
Lab File: BG064758.D  
Acq: 13 Nov 2025 15:57

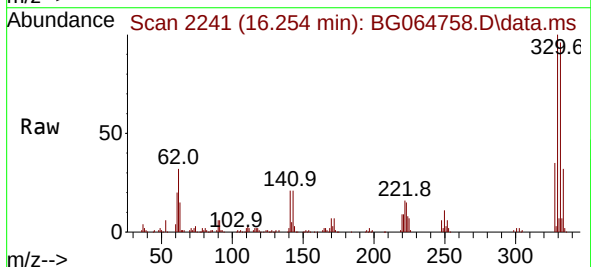
Instrument :  
BNA\_G  
ClientSampleId :  
PB170528BS



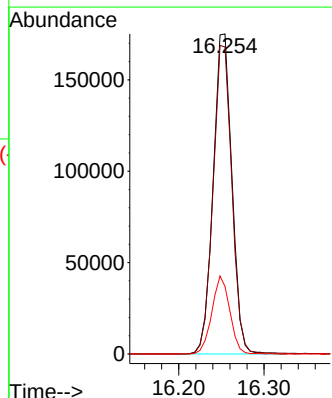
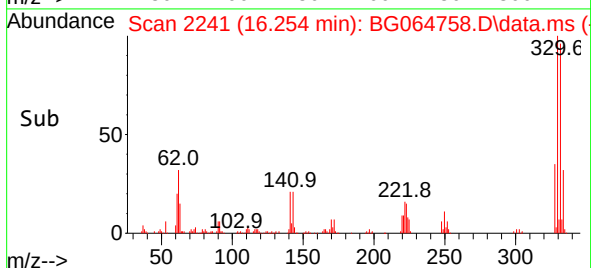
Tgt Ion:237 Resp: 228769  
Ion Ratio Lower Upper  
237 100  
235 61.3 40.2 80.2  
272 13.3 0.0 31.9



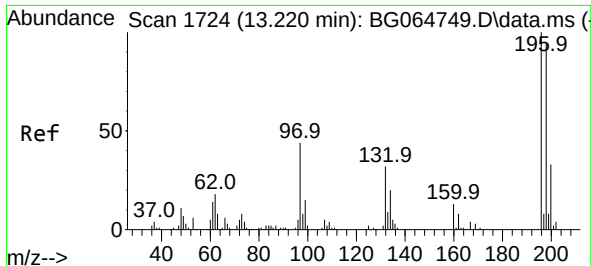
#42  
2,4,6-Tribromophenol  
Concen: 125.572 ng  
RT: 16.254 min Scan# 2241  
Delta R.T. 0.002 min  
Lab File: BG064758.D  
Acq: 13 Nov 2025 15:57



Tgt Ion:330 Resp: 267173  
Ion Ratio Lower Upper  
330 100  
332 96.6 77.0 115.6  
141 23.2 18.2 27.2



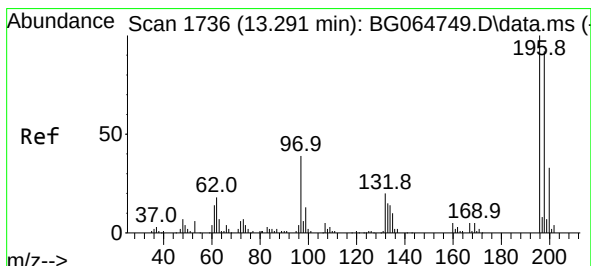
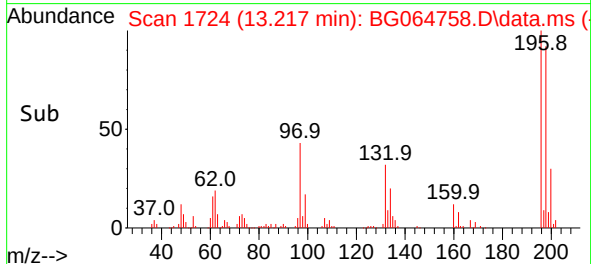
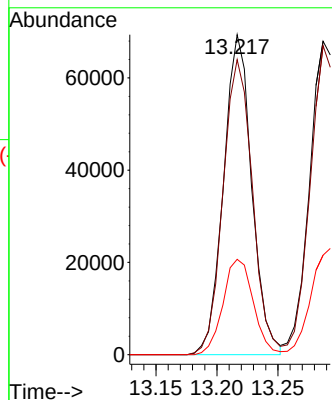
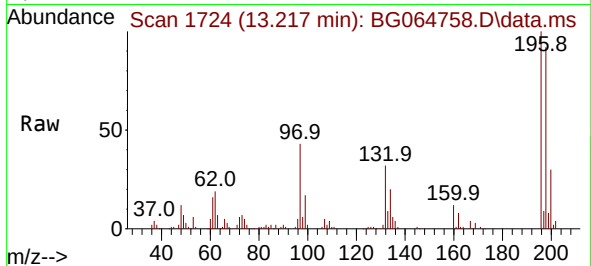




#43  
2,4,6-Trichlorophenol  
Concen: 44.897 ng  
RT: 13.217 min Scan# 1724  
Delta R.T. -0.004 min  
Lab File: BG064758.D  
Acq: 13 Nov 2025 15:57

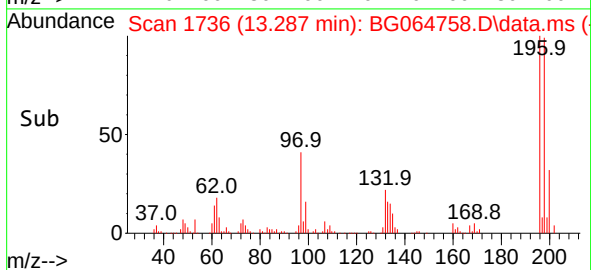
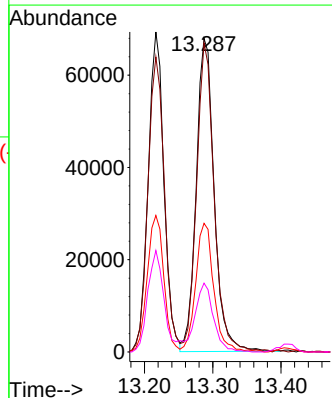
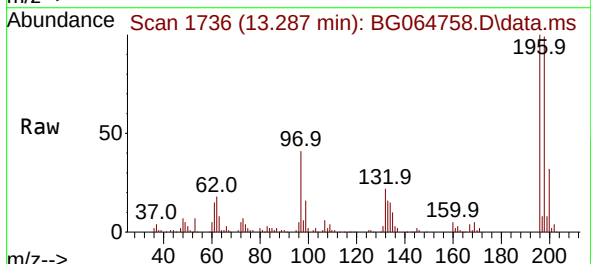
Instrument :  
BNA\_G  
ClientSampleId :  
PB170528BS

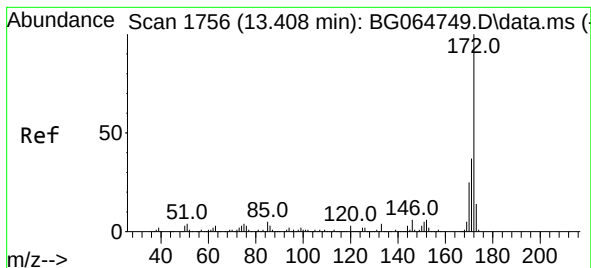
Tgt Ion:196 Resp: 111873  
Ion Ratio Lower Upper  
196 100  
198 92.2 75.3 112.9  
200 29.8 26.2 39.2



#44  
2,4,5-Trichlorophenol  
Concen: 44.466 ng  
RT: 13.287 min Scan# 1736  
Delta R.T. -0.004 min  
Lab File: BG064758.D  
Acq: 13 Nov 2025 15:57

Tgt Ion:196 Resp: 124271  
Ion Ratio Lower Upper  
196 100  
198 98.6 73.2 109.8  
97 41.1 31.4 47.0  
132 22.0 15.9 23.9

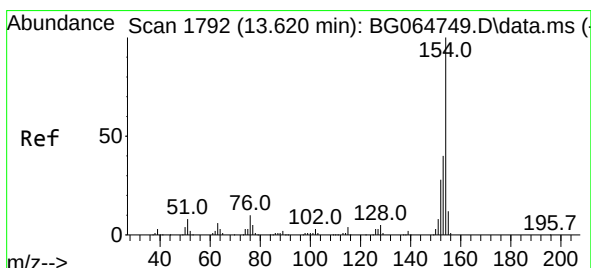
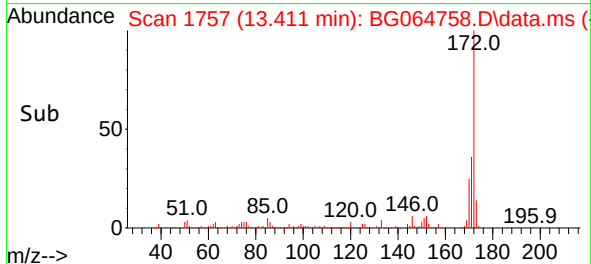
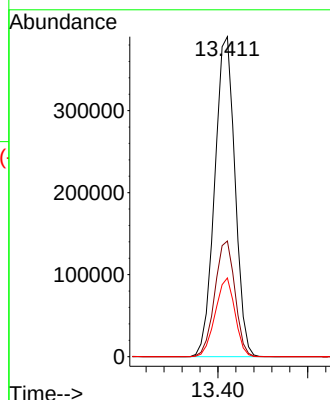
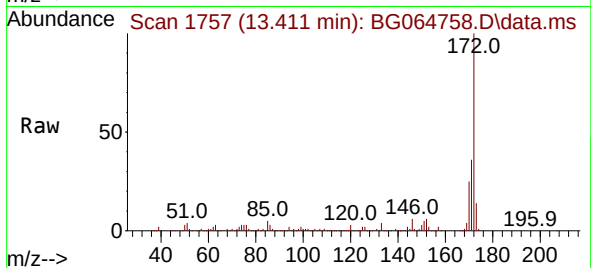




#45  
2-Fluorobiphenyl  
Concen: 78.077 ng  
RT: 13.411 min Scan# 1757  
Delta R.T. 0.002 min  
Lab File: BG064758.D  
Acq: 13 Nov 2025 15:57

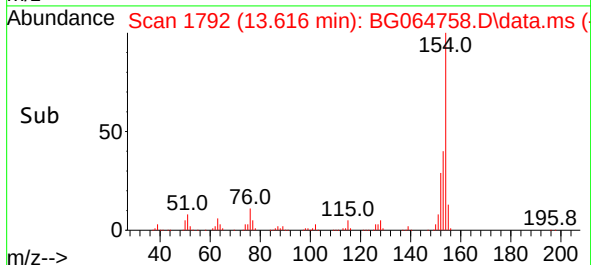
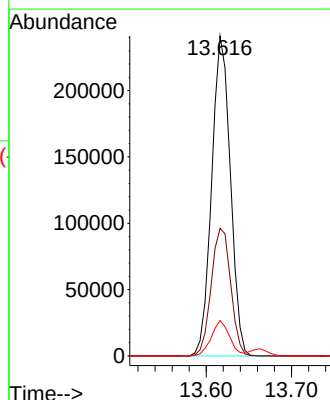
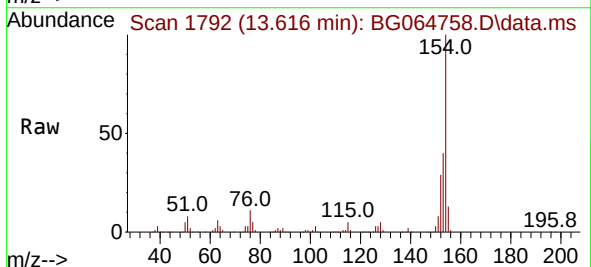
Instrument :  
BNA\_G  
ClientSampleId :  
PB170528BS

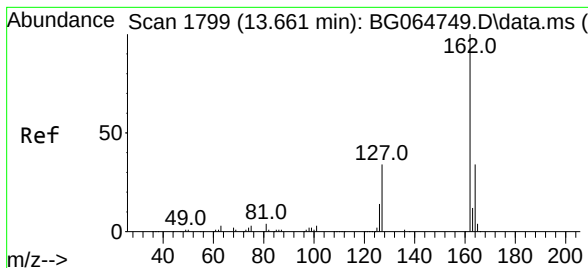
Tgt Ion:172 Resp: 610435  
Ion Ratio Lower Upper  
172 100  
171 36.1 29.9 44.9  
170 24.6 19.8 29.6



#46  
1,1'-Biphenyl  
Concen: 46.907 ng  
RT: 13.616 min Scan# 1792  
Delta R.T. -0.004 min  
Lab File: BG064758.D  
Acq: 13 Nov 2025 15:57

Tgt Ion:154 Resp: 367538  
Ion Ratio Lower Upper  
154 100  
153 39.9 19.8 59.8  
76 11.1 0.0 30.0

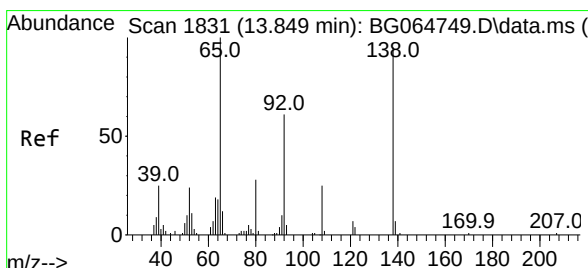
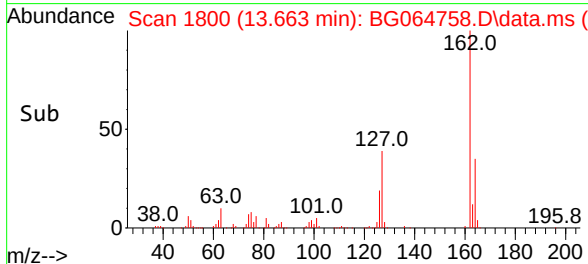
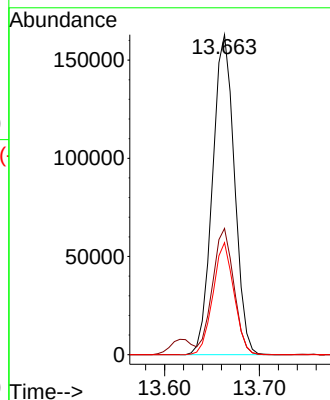
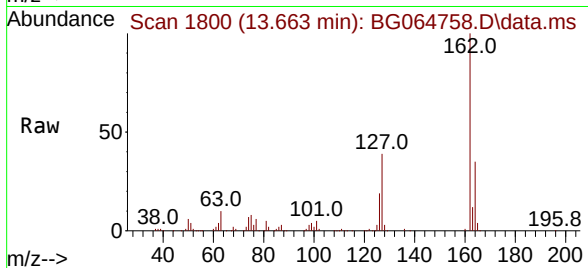




#47  
2-Chloronaphthalene  
Concen: 42.373 ng  
RT: 13.663 min Scan# 1799  
Delta R.T. 0.002 min  
Lab File: BG064758.D  
Acq: 13 Nov 2025 15:57

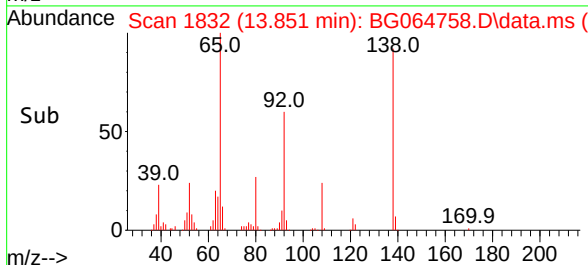
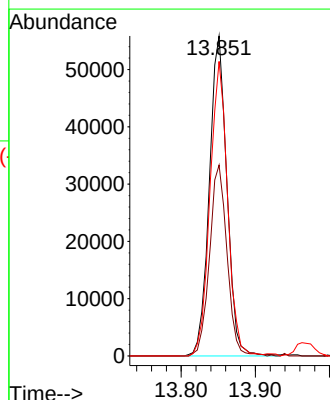
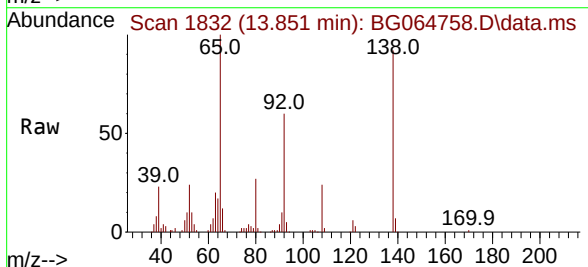
Instrument :  
BNA\_G  
ClientSampleId :  
PB170528BS

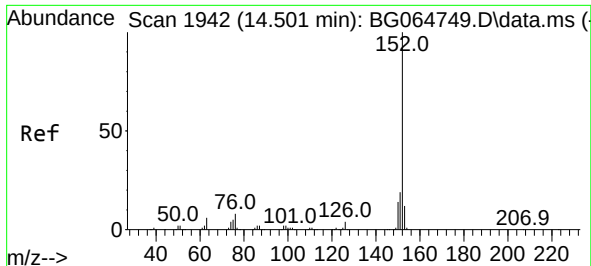
Tgt Ion:162 Resp: 261567  
Ion Ratio Lower Upper  
162 100  
127 39.5 30.3 45.5  
164 35.0 26.8 40.2



#48  
2-Nitroaniline  
Concen: 46.359 ng  
RT: 13.851 min Scan# 1832  
Delta R.T. 0.002 min  
Lab File: BG064758.D  
Acq: 13 Nov 2025 15:57

Tgt Ion: 65 Resp: 92044  
Ion Ratio Lower Upper  
65 100  
92 59.6 48.6 73.0  
138 92.1 76.4 114.6

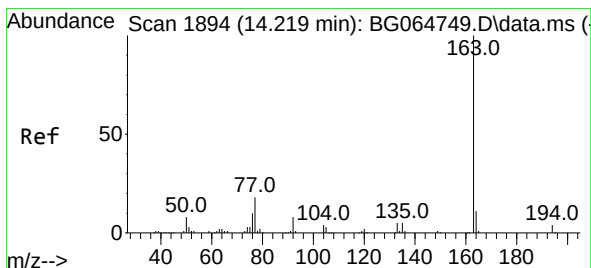
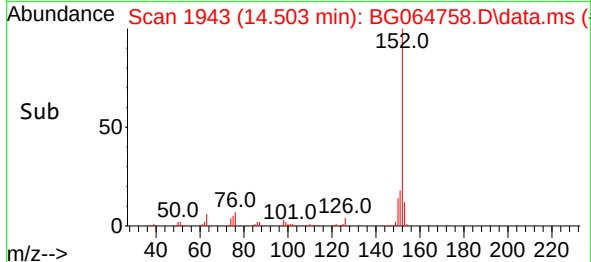
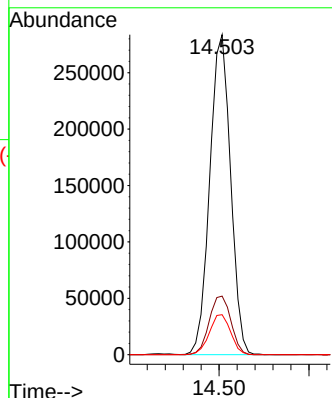
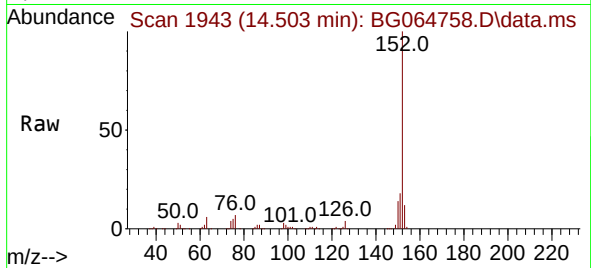




#49  
Acenaphthylene  
Concen: 43.255 ng  
RT: 14.503 min Scan# 1942  
Delta R.T. 0.002 min  
Lab File: BG064758.D  
Acq: 13 Nov 2025 15:57

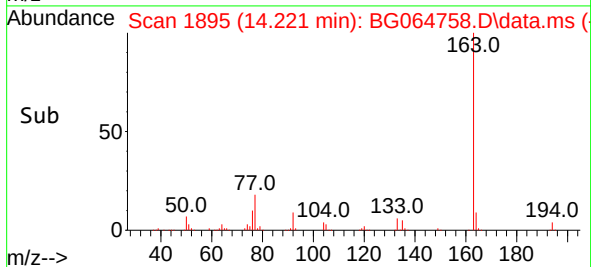
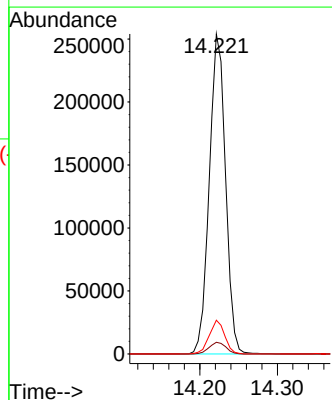
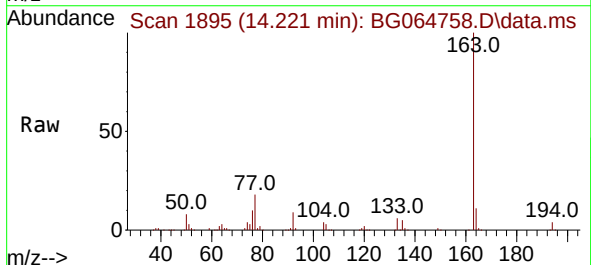
Instrument :  
BNA\_G  
ClientSampleId :  
PB170528BS

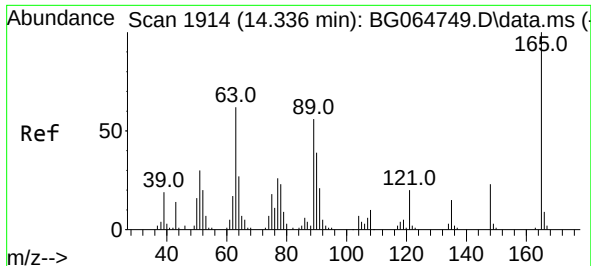
Tgt Ion:152 Resp: 456163  
Ion Ratio Lower Upper  
152 100  
151 18.3 15.0 22.4  
153 12.5 9.9 14.9



#50  
Dimethylphthalate  
Concen: 42.847 ng  
RT: 14.221 min Scan# 1895  
Delta R.T. 0.002 min  
Lab File: BG064758.D  
Acq: 13 Nov 2025 15:57

Tgt Ion:163 Resp: 369244  
Ion Ratio Lower Upper  
163 100  
194 3.7 3.1 4.7  
164 10.6 8.6 12.8

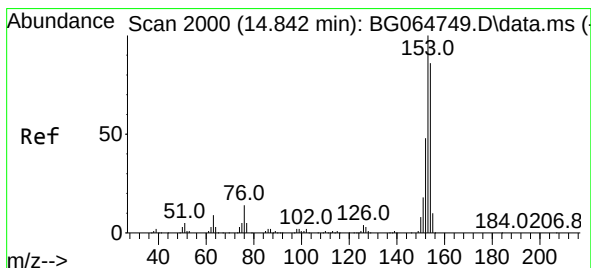
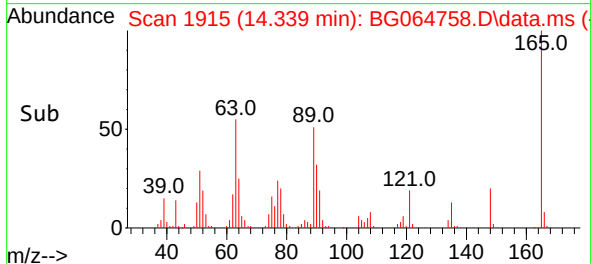
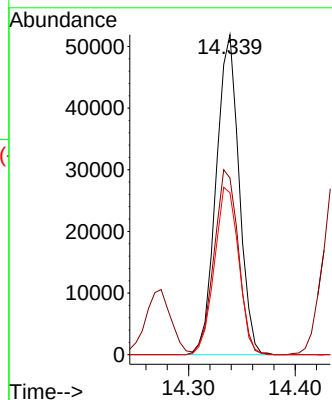
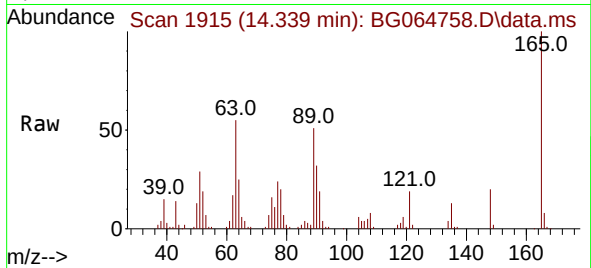




#51  
2,6-Dinitrotoluene  
Concen: 46.662 ng  
RT: 14.339 min Scan# 1914  
Delta R.T. 0.002 min  
Lab File: BG064758.D  
Acq: 13 Nov 2025 15:57

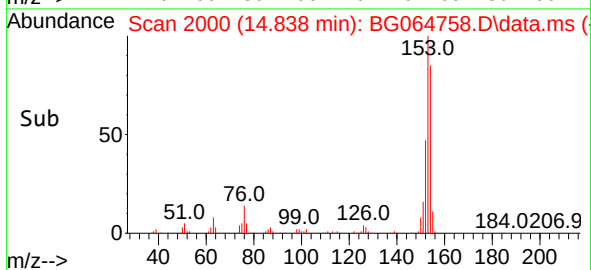
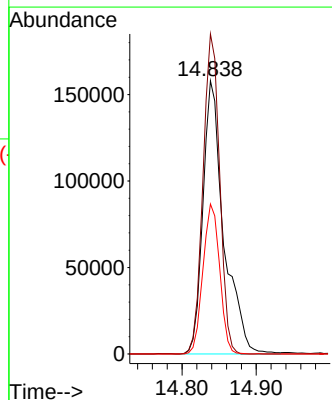
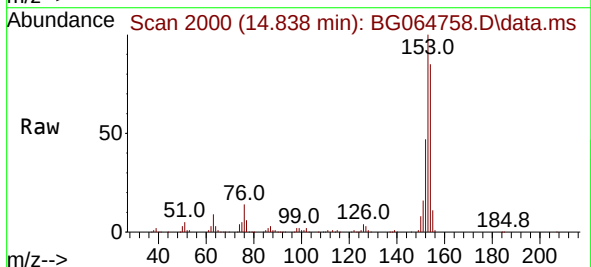
Instrument :  
BNA\_G  
ClientSampleId :  
PB170528BS

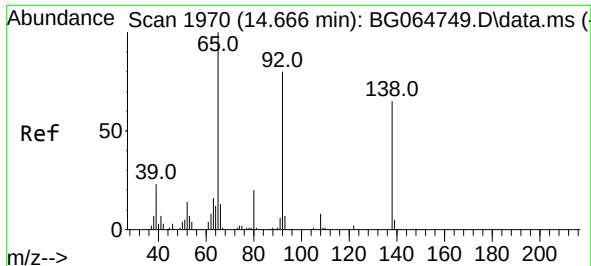
Tgt Ion:165 Resp: 77377  
Ion Ratio Lower Upper  
165 100  
63 55.2 49.8 74.8  
89 50.6 45.0 67.4



#52  
Acenaphthene  
Concen: 48.947 ng  
RT: 14.838 min Scan# 2000  
Delta R.T. -0.004 min  
Lab File: BG064758.D  
Acq: 13 Nov 2025 15:57

Tgt Ion:154 Resp: 309502  
Ion Ratio Lower Upper  
154 100  
153 117.2 93.0 139.4  
152 54.9 44.4 66.6

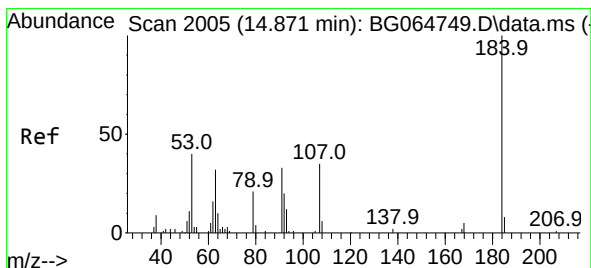
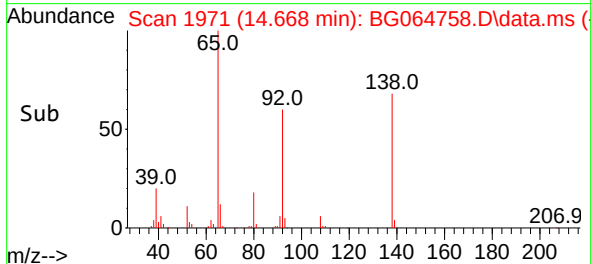
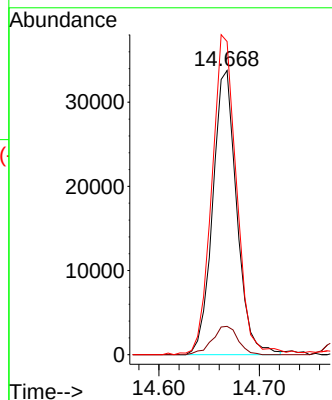
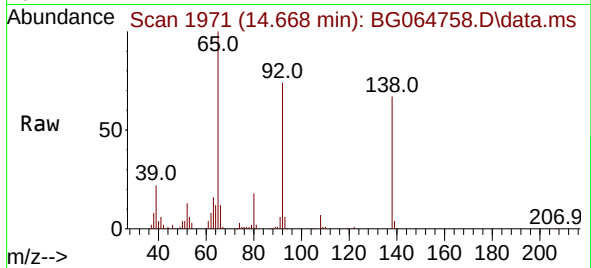




#53  
3-Nitroaniline  
Concen: 34.290 ng  
RT: 14.668 min Scan# 1970  
Delta R.T. 0.002 min  
Lab File: BG064758.D  
Acq: 13 Nov 2025 15:57

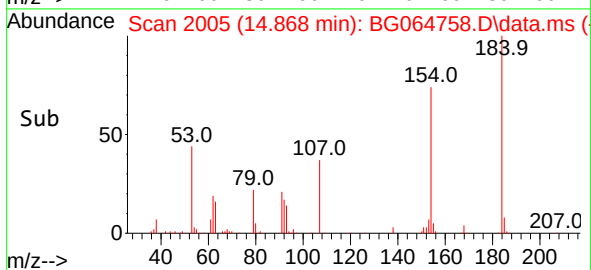
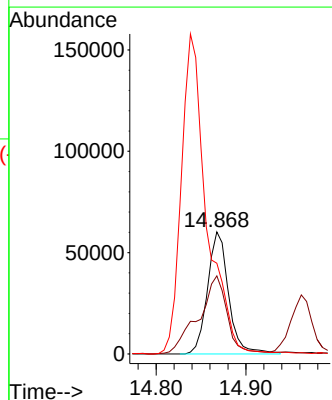
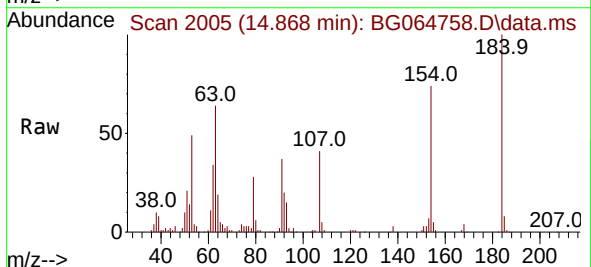
Instrument :  
BNA\_G  
ClientSampleId :  
PB170528BS

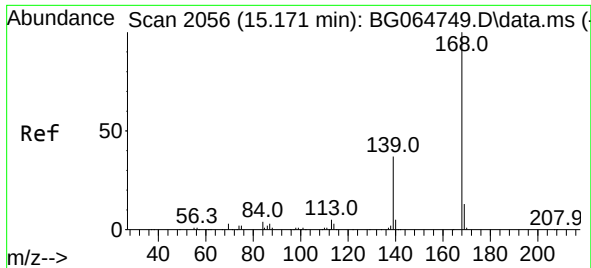
Tgt Ion:138 Resp: 56120  
Ion Ratio Lower Upper  
138 100  
108 10.0 9.5 14.3  
92 110.2 99.0 148.4



#54  
2,4-Dinitrophenol  
Concen: 85.814 ng  
RT: 14.868 min Scan# 2005  
Delta R.T. -0.003 min  
Lab File: BG064758.D  
Acq: 13 Nov 2025 15:57

Tgt Ion:184 Resp: 98270  
Ion Ratio Lower Upper  
184 100  
63 64.0 45.8 68.6  
154 74.3 52.6 78.8

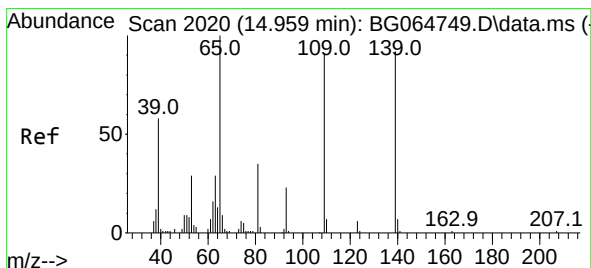
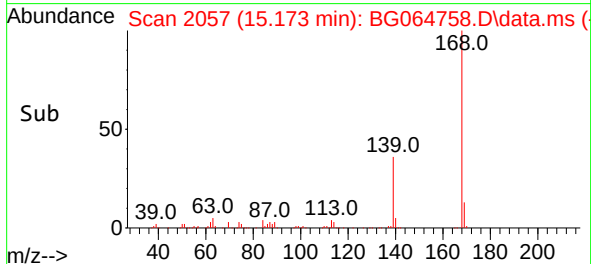
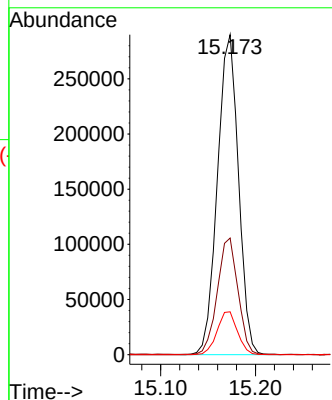
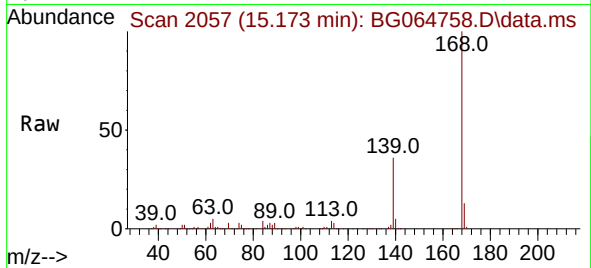




#55  
Dibenzofuran  
Concen: 42.778 ng  
RT: 15.173 min Scan# 2056  
Delta R.T. 0.002 min  
Lab File: BG064758.D  
Acq: 13 Nov 2025 15:57

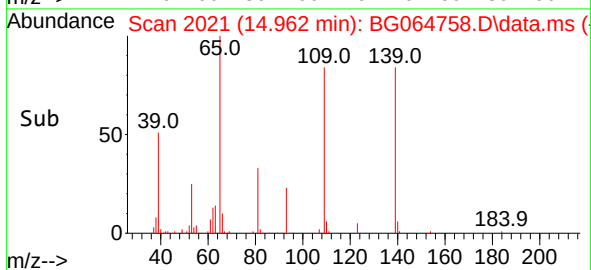
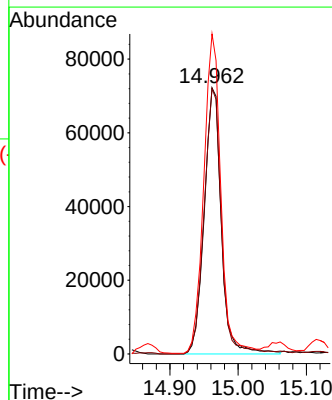
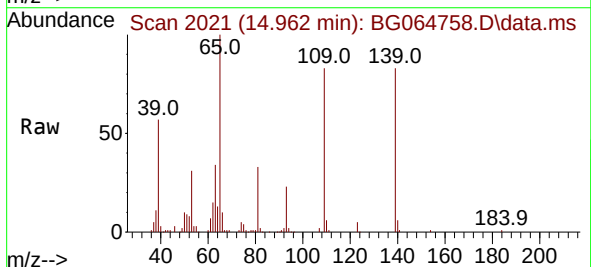
Instrument :  
BNA\_G  
ClientSampleId :  
PB170528BS

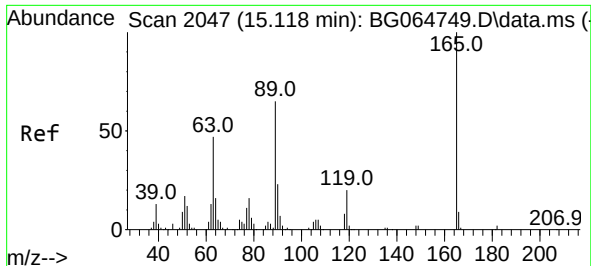
Tgt Ion:168 Resp: 447187  
Ion Ratio Lower Upper  
168 100  
139 36.5 29.5 44.3  
169 13.4 10.4 15.6



#56  
4-Nitrophenol  
Concen: 96.715 ng  
RT: 14.962 min Scan# 2021  
Delta R.T. 0.002 min  
Lab File: BG064758.D  
Acq: 13 Nov 2025 15:57

Tgt Ion:139 Resp: 125587  
Ion Ratio Lower Upper  
139 100  
109 99.8 79.7 119.7  
65 120.2 89.9 129.9

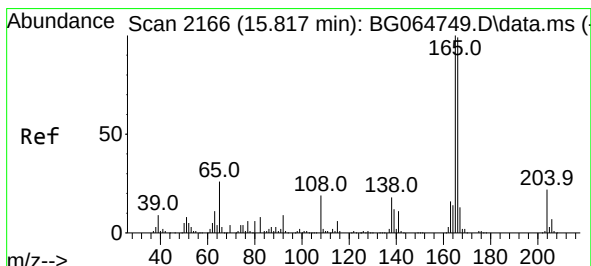
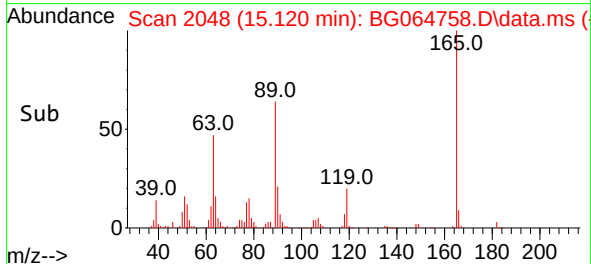
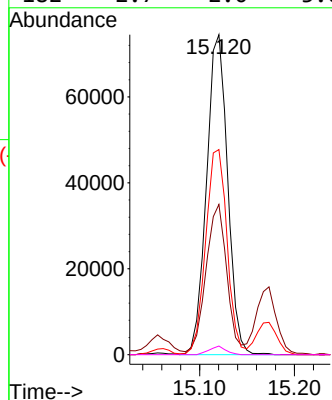
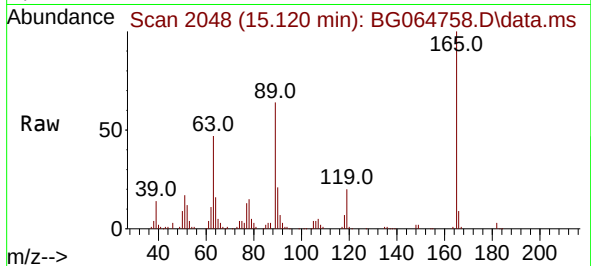




#57  
2,4-Dinitrotoluene  
Concen: 46.384 ng  
RT: 15.120 min Scan# 2048  
Delta R.T. 0.002 min  
Lab File: BG064758.D  
Acq: 13 Nov 2025 15:57

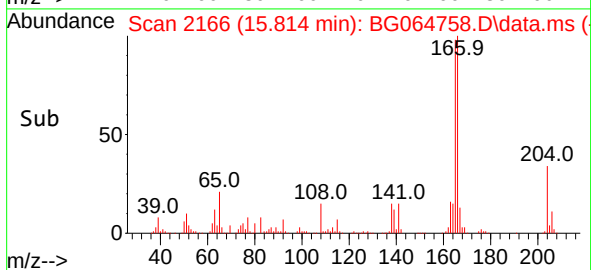
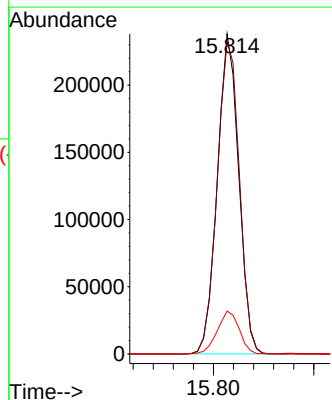
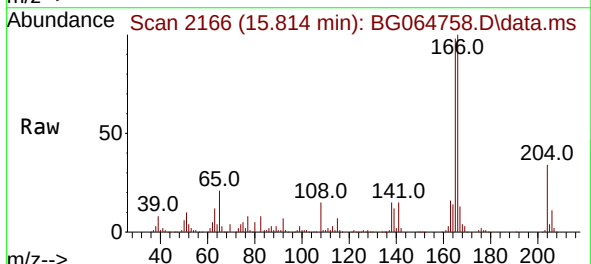
Instrument :  
BNA\_G  
ClientSampleId :  
PB170528BS

Tgt Ion:165 Resp: 115312  
Ion Ratio Lower Upper  
165 100  
63 47.0 37.8 56.6  
89 64.1 51.6 77.4  
182 2.7 2.0 3.0

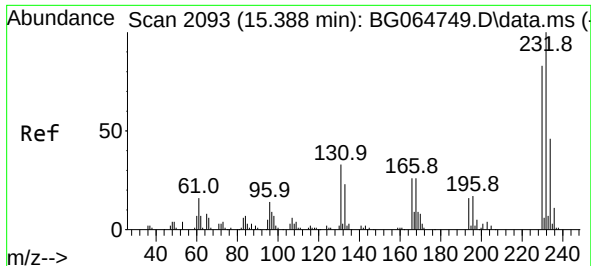


#58  
Fluorene  
Concen: 42.951 ng  
RT: 15.814 min Scan# 2166  
Delta R.T. -0.004 min  
Lab File: BG064758.D  
Acq: 13 Nov 2025 15:57

Tgt Ion:166 Resp: 352150  
Ion Ratio Lower Upper  
166 100  
165 97.6 80.5 120.7  
167 13.4 10.3 15.5



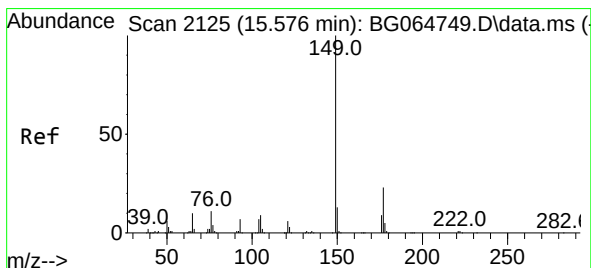
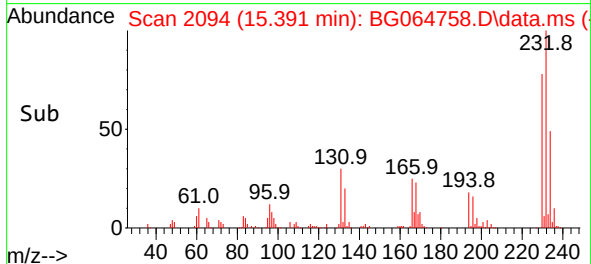
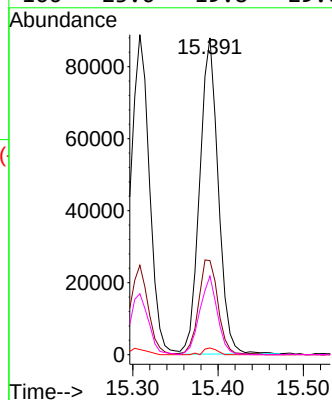
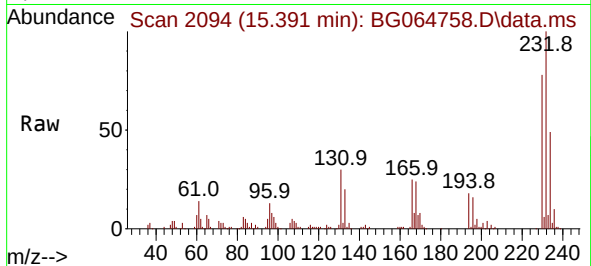




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 48.160 ng  
RT: 15.391 min Scan# 2094  
Delta R.T. 0.002 min  
Lab File: BG064758.D  
Acq: 13 Nov 2025 15:57

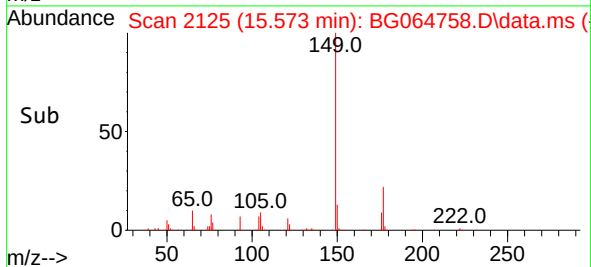
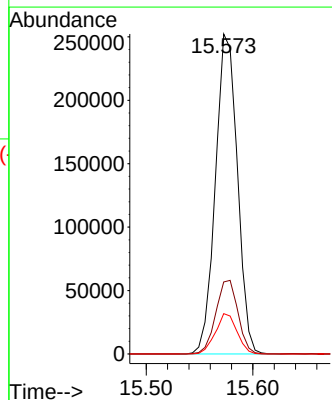
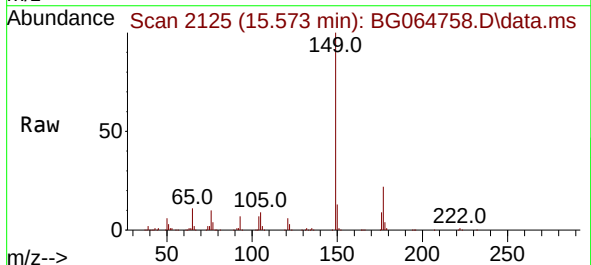
Instrument :  
BNA\_G  
ClientSampleId :  
PB170528BS

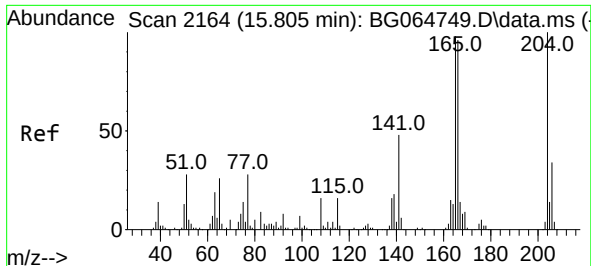
Tgt Ion:232 Resp: 132798  
Ion Ratio Lower Upper  
232 100  
131 31.6 26.0 39.0  
130 1.6 1.6 2.4#  
166 23.6 19.8 29.6



#60  
Diethylphthalate  
Concen: 43.666 ng  
RT: 15.573 min Scan# 2125  
Delta R.T. -0.004 min  
Lab File: BG064758.D  
Acq: 13 Nov 2025 15:57

Tgt Ion:149 Resp: 360477  
Ion Ratio Lower Upper  
149 100  
177 22.5 18.4 27.6  
150 12.6 10.1 15.1

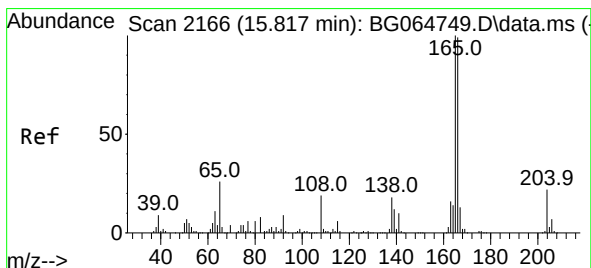
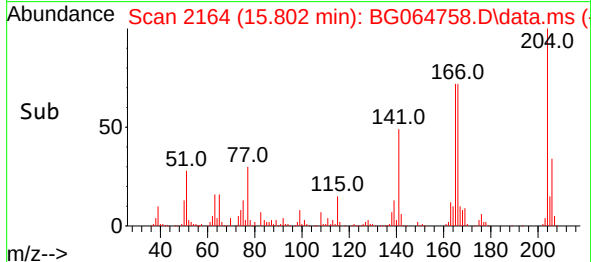
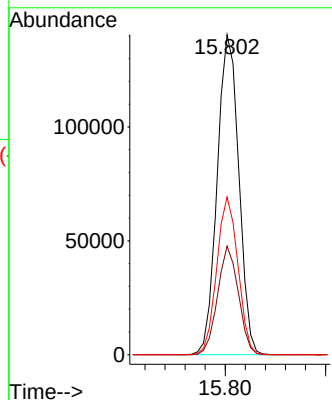
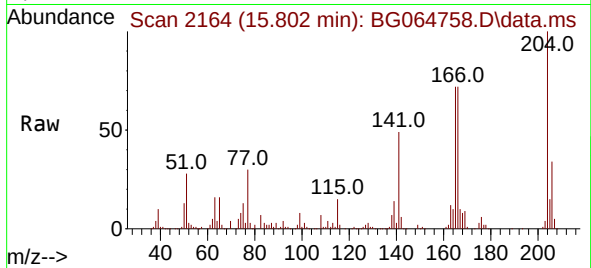




#61  
4-Chlorophenyl-phenylether  
Concen: 42.559 ng  
RT: 15.802 min Scan# 2164  
Delta R.T. -0.004 min  
Lab File: BG064758.D  
Acq: 13 Nov 2025 15:57

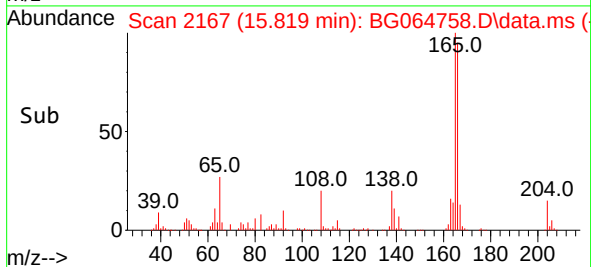
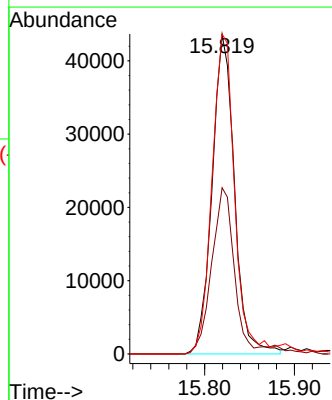
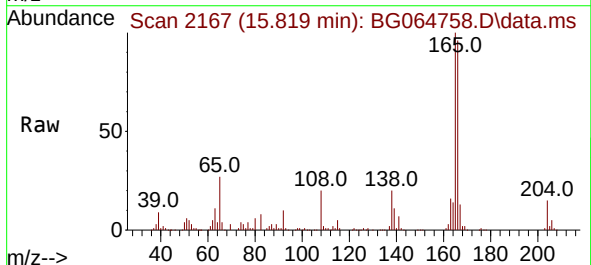
Instrument :  
BNA\_G  
ClientSampleId :  
PB170528BS

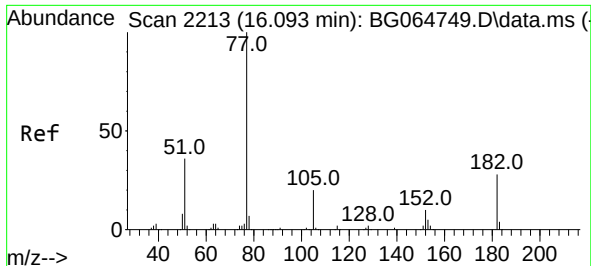
Tgt Ion:204 Resp: 209410  
Ion Ratio Lower Upper  
204 100  
206 33.9 26.9 40.3  
141 49.3 38.1 57.1



#62  
4-Nitroaniline  
Concen: 44.349 ng  
RT: 15.819 min Scan# 2167  
Delta R.T. 0.002 min  
Lab File: BG064758.D  
Acq: 13 Nov 2025 15:57

Tgt Ion:138 Resp: 75195  
Ion Ratio Lower Upper  
138 100  
92 52.0 30.7 70.7  
108 100.2 85.7 125.7

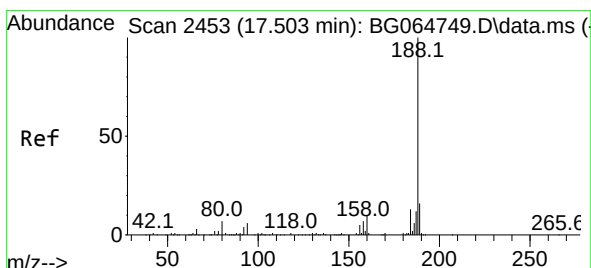
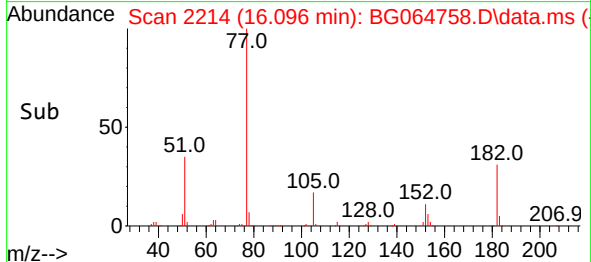
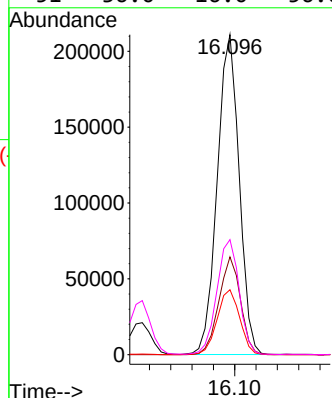
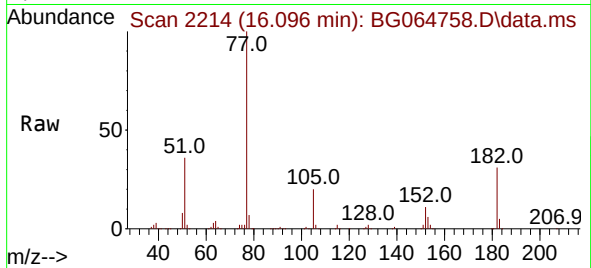




#63  
Azobenzene  
Concen: 43.825 ng  
RT: 16.096 min Scan# 21  
Delta R.T. 0.002 min  
Lab File: BG064758.D  
Acq: 13 Nov 2025 15:57

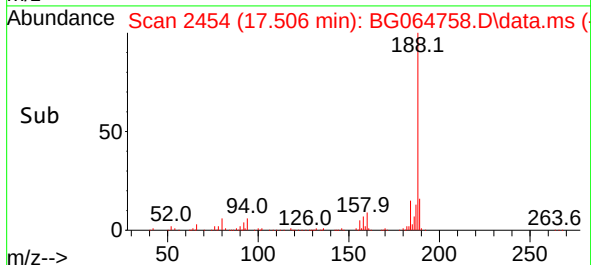
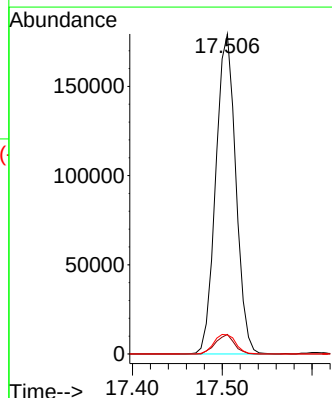
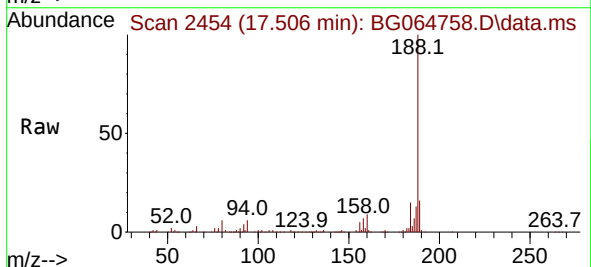
Instrument :  
BNA\_G  
ClientSampleId :  
PB170528BS

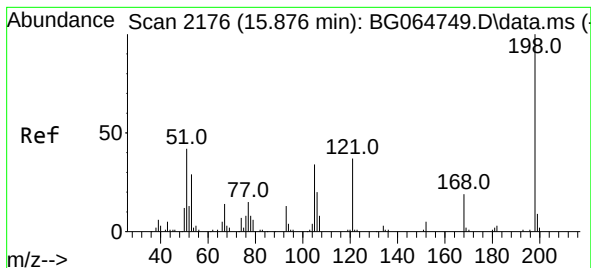
| Tgt Ion: 77 | Resp: 300925 |       |       |
|-------------|--------------|-------|-------|
| Ion         | Ratio        | Lower | Upper |
| 77          | 100          |       |       |
| 182         | 30.5         | 8.1   | 48.1  |
| 105         | 20.3         | 0.1   | 40.1  |
| 51          | 36.0         | 16.0  | 56.0  |



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.506 min Scan# 2454  
Delta R.T. 0.002 min  
Lab File: BG064758.D  
Acq: 13 Nov 2025 15:57

|             |              |
|-------------|--------------|
| Tgt Ion:188 | Resp: 277518 |
| Ion Ratio   | Lower Upper  |
| 188 100     |              |
| 94 6.1      | 4.7 7.1      |
| 80 6.0      | 5.4 8.2      |

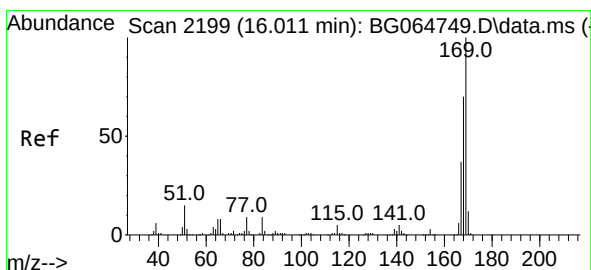
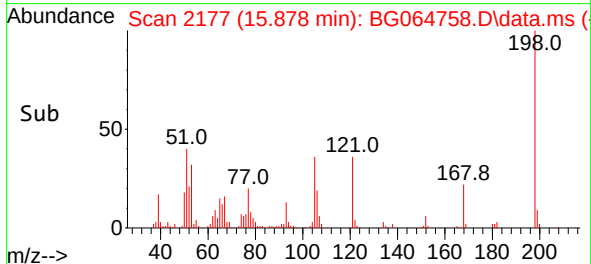
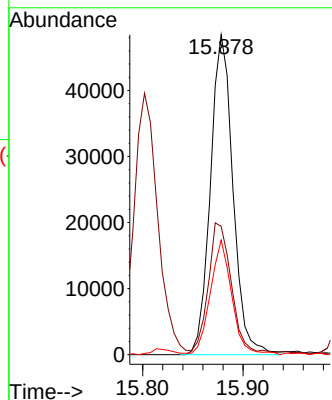
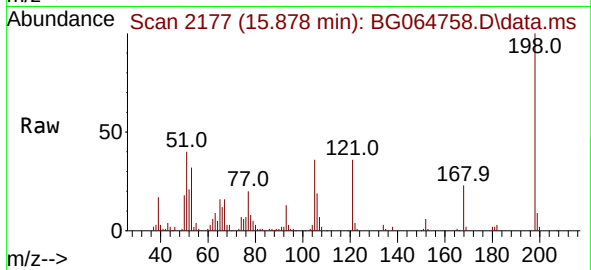




#65  
4,6-Dinitro-2-methylphenol  
Concen: 49.145 ng  
RT: 15.878 min Scan# 2176  
Delta R.T. 0.002 min  
Lab File: BG064758.D  
Acq: 13 Nov 2025 15:57

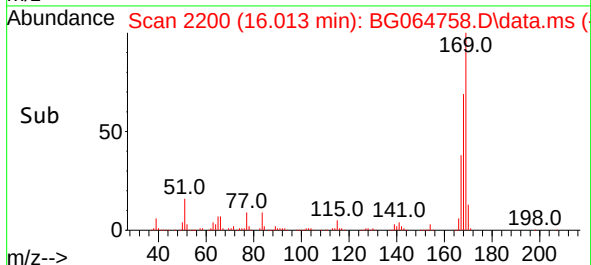
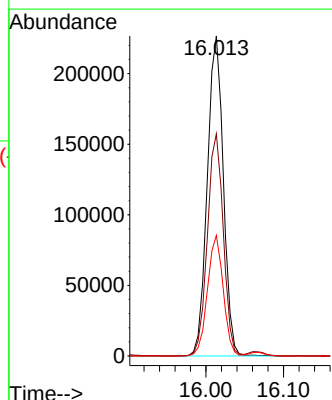
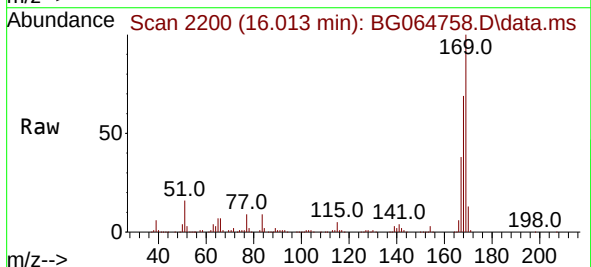
Instrument :  
BNA\_G  
ClientSampleId :  
PB170528BS

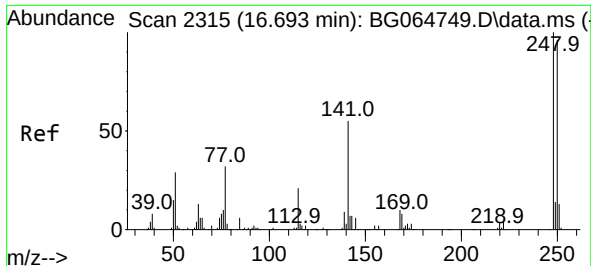
Tgt Ion:198 Resp: 75724  
Ion Ratio Lower Upper  
198 100  
51 40.1 25.2 65.2  
105 35.8 14.2 54.2



#66  
n-Nitrosodiphenylamine  
Concen: 44.769 ng  
RT: 16.013 min Scan# 2200  
Delta R.T. 0.002 min  
Lab File: BG064758.D  
Acq: 13 Nov 2025 15:57

Tgt Ion:169 Resp: 325431  
Ion Ratio Lower Upper  
169 100  
168 69.4 55.9 83.9  
167 37.7 29.8 44.6

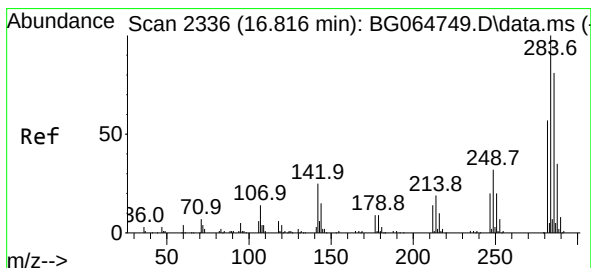
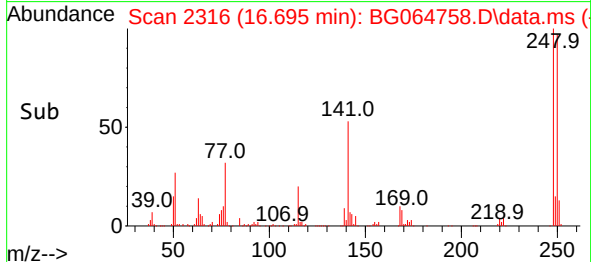
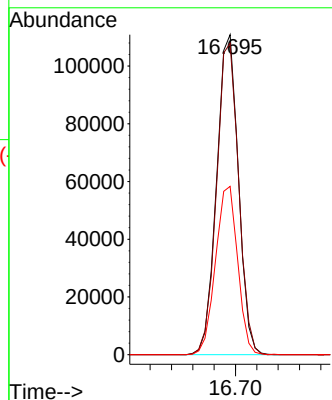
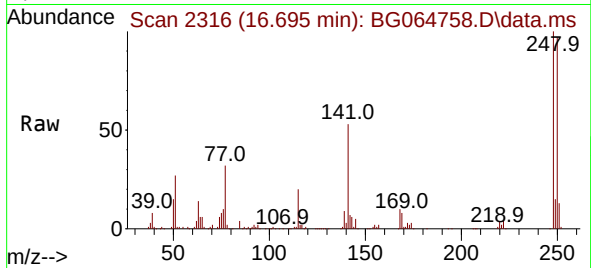




#67  
4-Bromophenyl-phenylether  
Concen: 42.955 ng  
RT: 16.695 min Scan# 21  
Delta R.T. 0.002 min  
Lab File: BG064758.D  
Acq: 13 Nov 2025 15:57

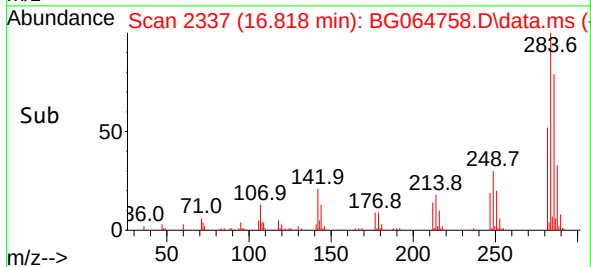
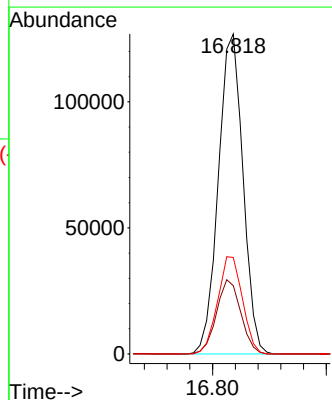
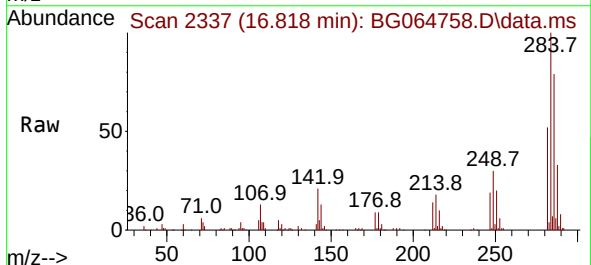
Instrument :  
BNA\_G  
ClientSampleId :  
PB170528BS

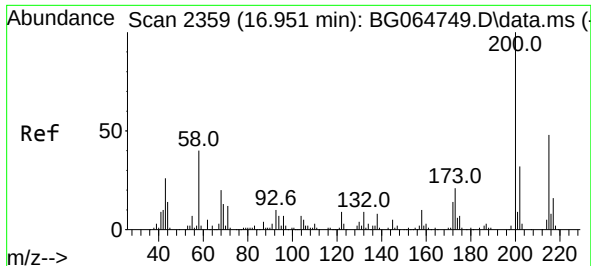
Tgt Ion:248 Resp: 156547  
Ion Ratio Lower Upper  
248 100  
250 97.3 77.0 115.6  
141 52.6 43.7 65.5



#68  
Hexachlorobenzene  
Concen: 43.195 ng  
RT: 16.818 min Scan# 2337  
Delta R.T. 0.002 min  
Lab File: BG064758.D  
Acq: 13 Nov 2025 15:57

Tgt Ion:284 Resp: 190725  
Ion Ratio Lower Upper  
284 100  
142 21.4 19.7 29.5  
249 32.7 28.1 42.1

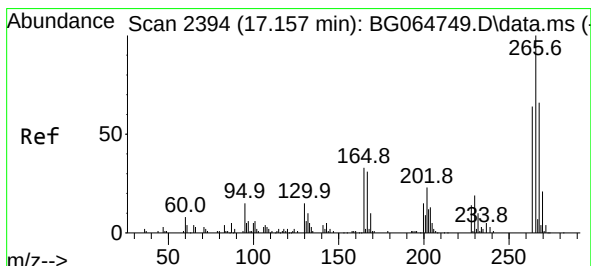
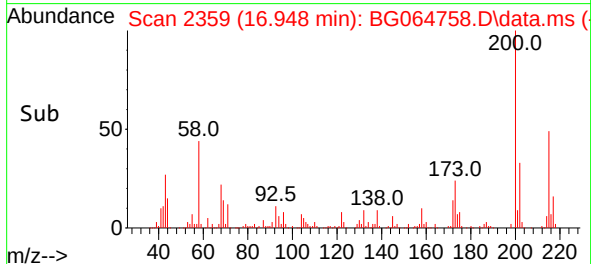
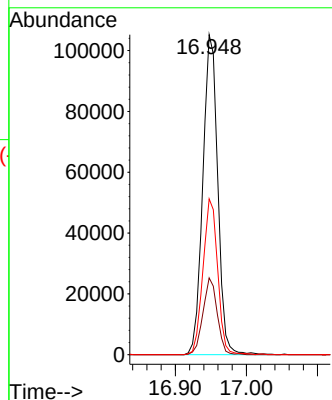
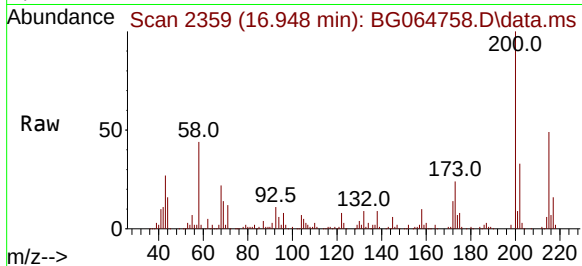




#69  
 Atrazine  
 Concen: 43.941 ng  
 RT: 16.948 min Scan# 21  
 Delta R.T. -0.004 min  
 Lab File: BG064758.D  
 Acq: 13 Nov 2025 15:57

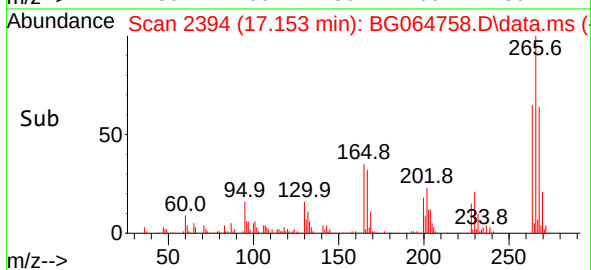
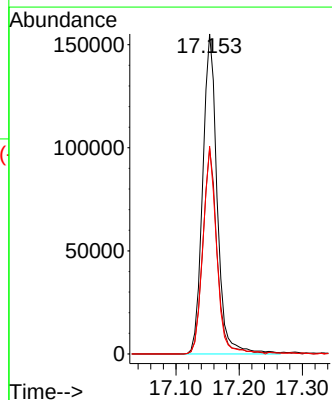
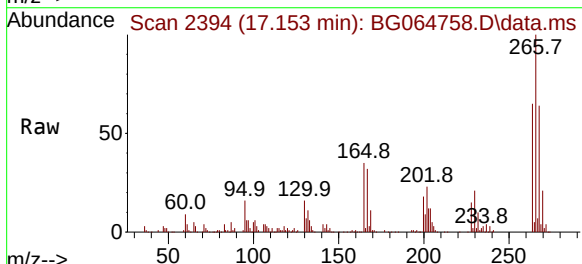
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB170528BS

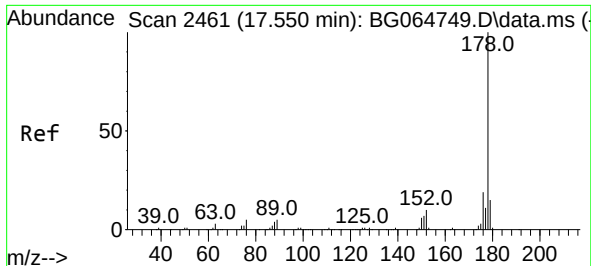
Tgt Ion:200 Resp: 153998  
 Ion Ratio Lower Upper  
 200 100  
 173 24.0 0.9 40.9  
 215 48.7 27.5 67.5



#70  
 Pentachlorophenol  
 Concen: 93.303 ng  
 RT: 17.153 min Scan# 2394  
 Delta R.T. -0.004 min  
 Lab File: BG064758.D  
 Acq: 13 Nov 2025 15:57

Tgt Ion:266 Resp: 246683  
 Ion Ratio Lower Upper  
 266 100  
 268 68.7 56.1 84.1  
 264 64.9 51.2 76.8

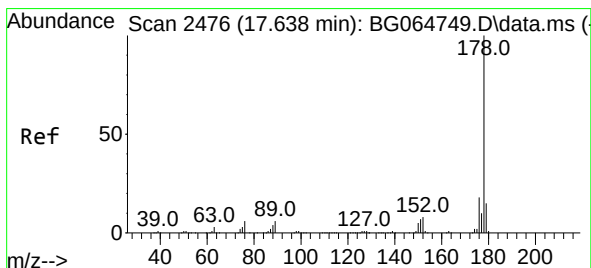
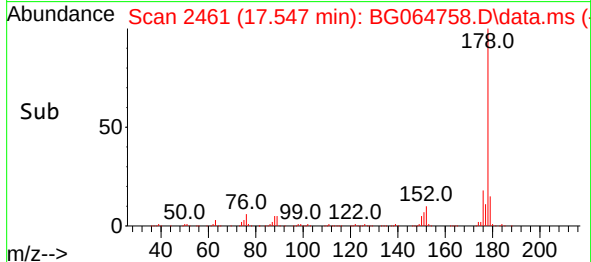
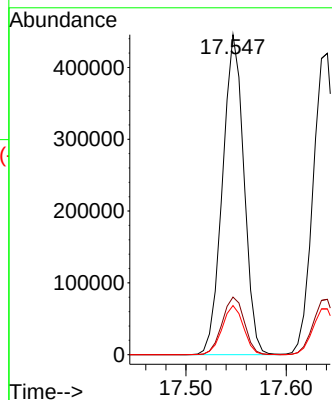
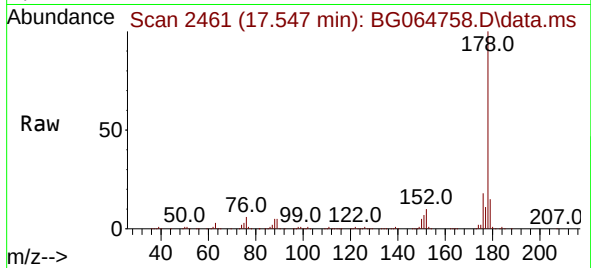




#71  
Phenanthrene  
Concen: 43.504 ng  
RT: 17.547 min Scan# 2461  
Delta R.T. -0.004 min  
Lab File: BG064758.D  
Acq: 13 Nov 2025 15:57

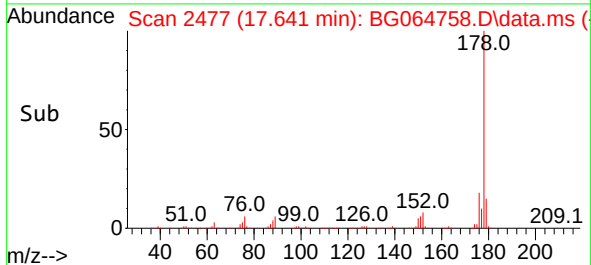
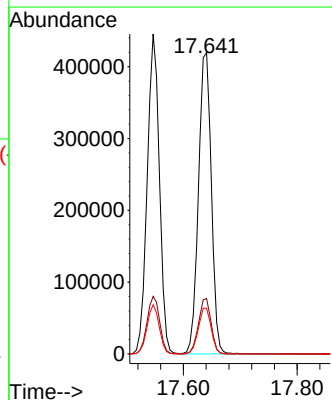
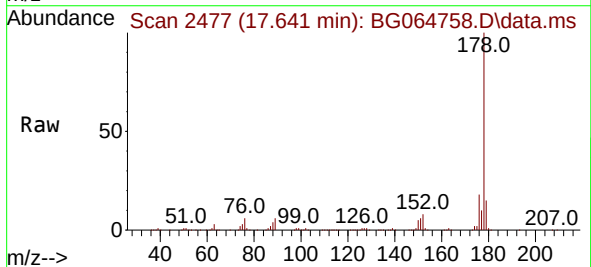
Instrument :  
BNA\_G  
ClientSampleId :  
PB170528BS

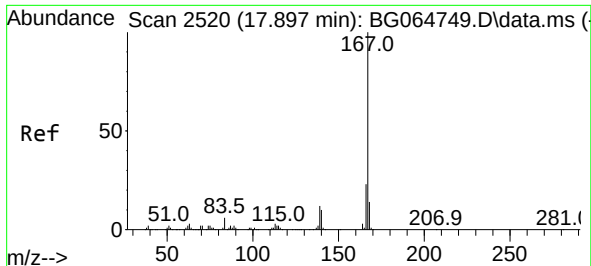
Tgt Ion:178 Resp: 660565  
Ion Ratio Lower Upper  
178 100  
176 18.0 14.8 22.2  
179 15.3 12.2 18.4



#72  
Anthracene  
Concen: 42.722 ng  
RT: 17.641 min Scan# 2477  
Delta R.T. 0.002 min  
Lab File: BG064758.D  
Acq: 13 Nov 2025 15:57

Tgt Ion:178 Resp: 661448  
Ion Ratio Lower Upper  
178 100  
176 18.4 14.5 21.7  
179 15.2 12.2 18.4

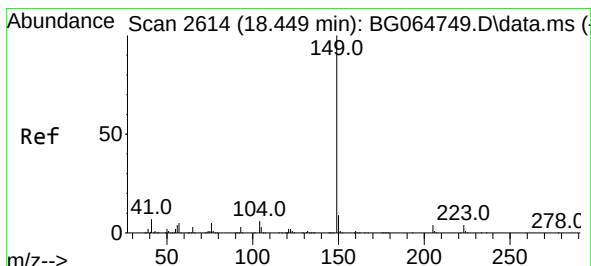
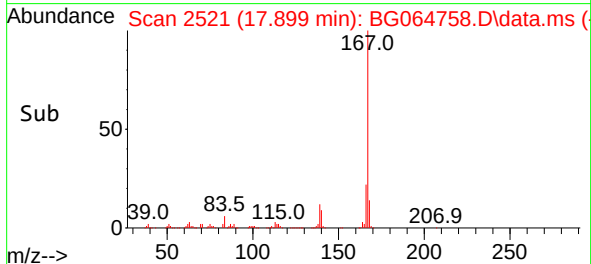
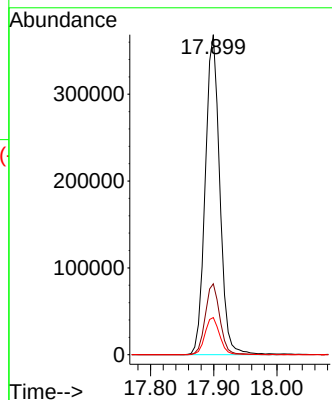
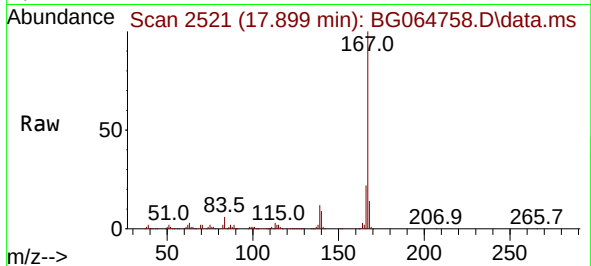




#73  
Carbazole  
Concen: 44.136 ng  
RT: 17.899 min Scan# 21  
Delta R.T. 0.002 min  
Lab File: BG064758.D  
Acq: 13 Nov 2025 15:57

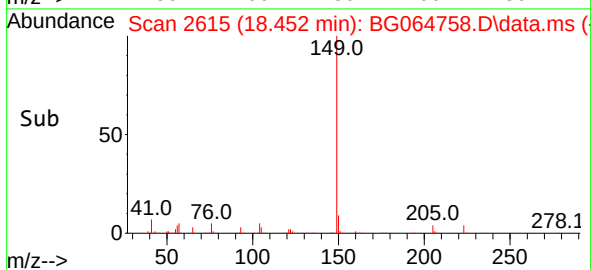
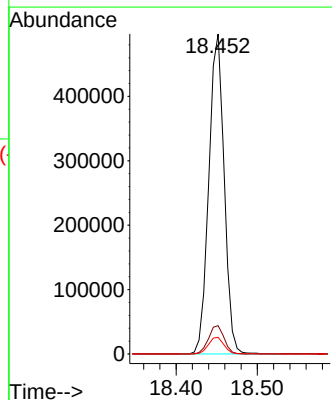
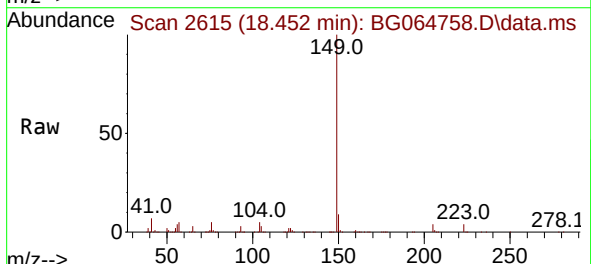
Instrument :  
BNA\_G  
ClientSampleId :  
PB170528BS

Tgt Ion:167 Resp: 587443  
Ion Ratio Lower Upper  
167 100  
166 22.2 18.0 27.0  
139 11.6 9.7 14.5

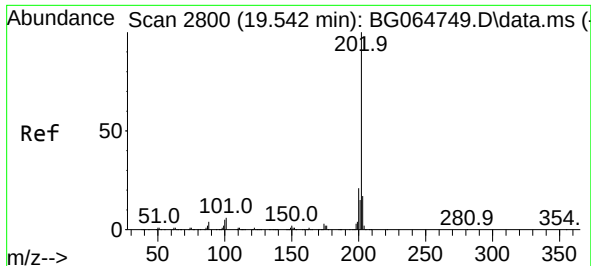


#74  
Di-n-butylphthalate  
Concen: 43.771 ng  
RT: 18.452 min Scan# 2615  
Delta R.T. 0.002 min  
Lab File: BG064758.D  
Acq: 13 Nov 2025 15:57

Tgt Ion:149 Resp: 649966  
Ion Ratio Lower Upper  
149 100  
150 8.8 7.5 11.3  
104 5.2 4.4 6.6



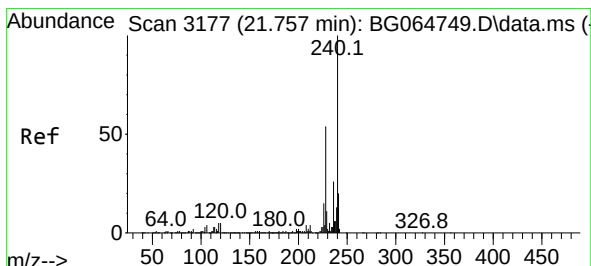
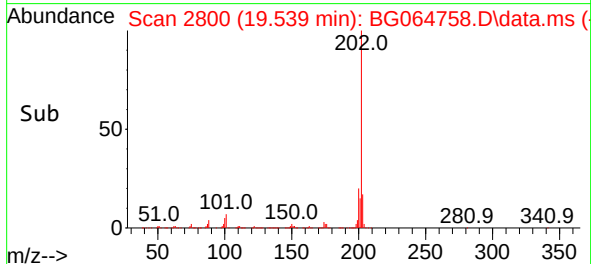
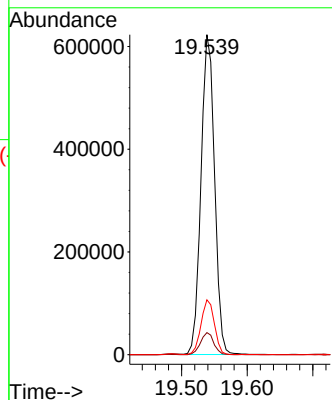
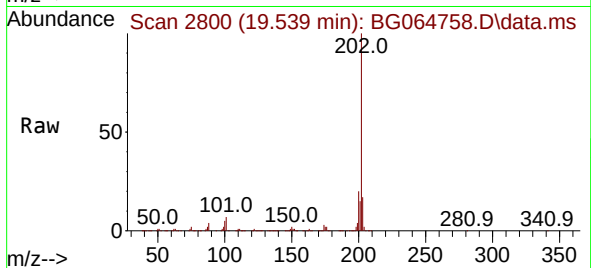




#75  
Fluoranthene  
Concen: 43.251 ng  
RT: 19.539 min Scan# 21  
Delta R.T. -0.004 min  
Lab File: BG064758.D  
Acq: 13 Nov 2025 15:57

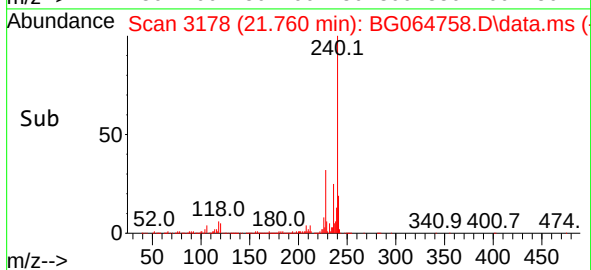
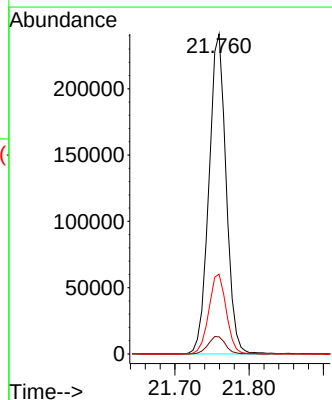
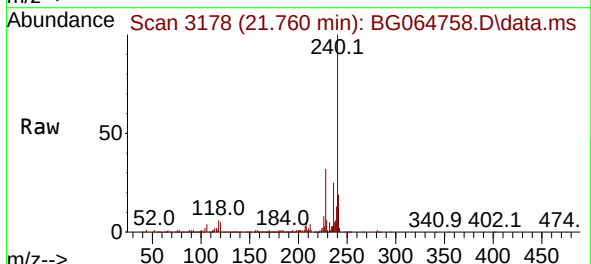
Instrument :  
BNA\_G  
ClientSampleId :  
PB170528BS

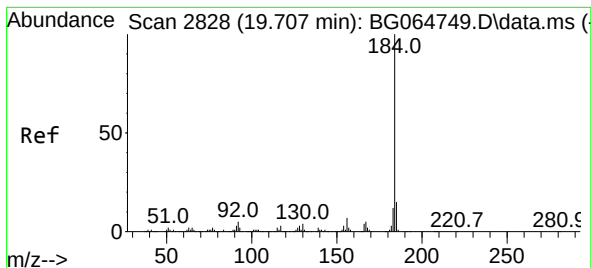
Tgt Ion:202 Resp: 898032  
Ion Ratio Lower Upper  
202 100  
101 6.9 0.0 26.4  
203 17.2 0.0 37.5



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.760 min Scan# 3178  
Delta R.T. 0.002 min  
Lab File: BG064758.D  
Acq: 13 Nov 2025 15:57

Tgt Ion:240 Resp: 388627  
Ion Ratio Lower Upper  
240 100  
120 5.4 4.2 6.4  
236 24.9 20.8 31.2





#77

Benzidine

Concen: 21.017 ng

RT: 19.709 min Scan# 21

Delta R.T. 0.002 min

Lab File: BG064758.D

Acq: 13 Nov 2025 15:57

Instrument :

BNA\_G

ClientSampleId :

PB170528BS

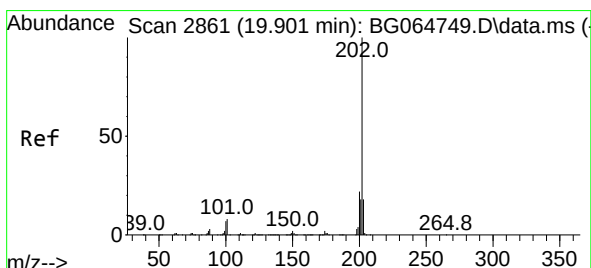
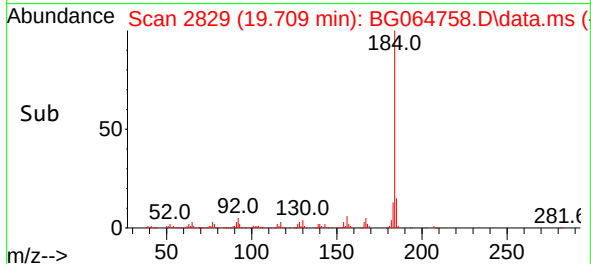
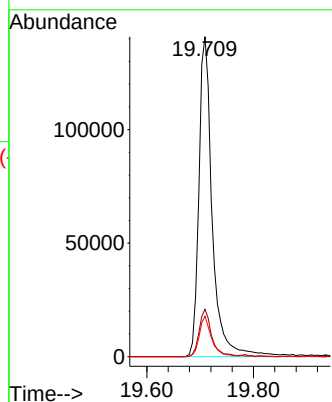
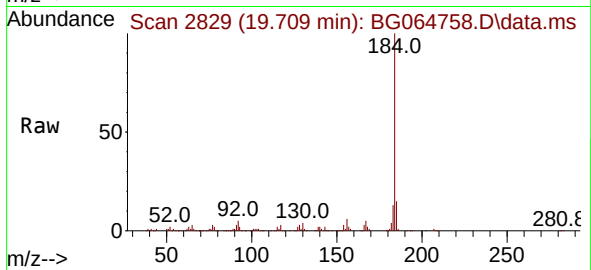
Tgt Ion:184 Resp: 244616

Ion Ratio Lower Upper

184 100

185 14.8 11.8 17.6

183 12.7 9.8 14.6



#78

Pyrene

Concen: 42.896 ng

RT: 19.903 min Scan# 2862

Delta R.T. 0.002 min

Lab File: BG064758.D

Acq: 13 Nov 2025 15:57

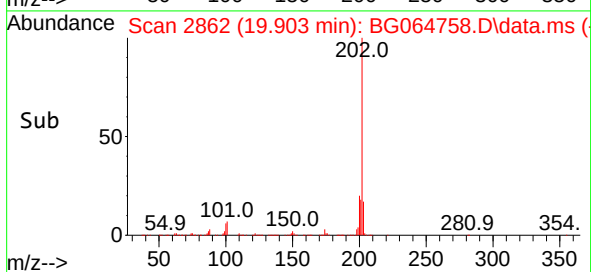
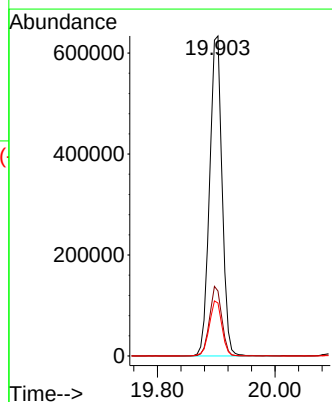
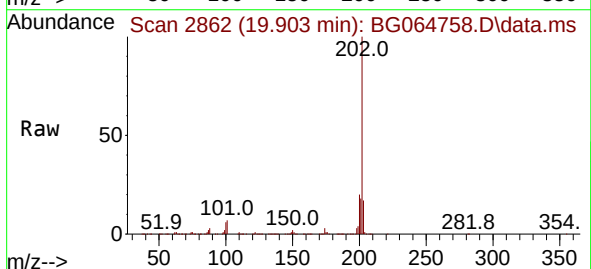
Tgt Ion:202 Resp: 934321

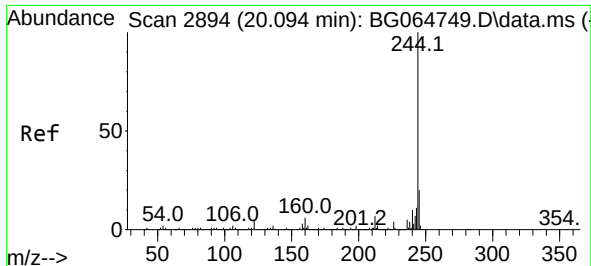
Ion Ratio Lower Upper

202 100

200 20.3 17.9 26.9

203 16.5 14.0 21.0

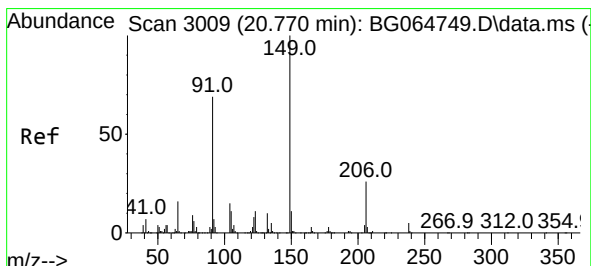
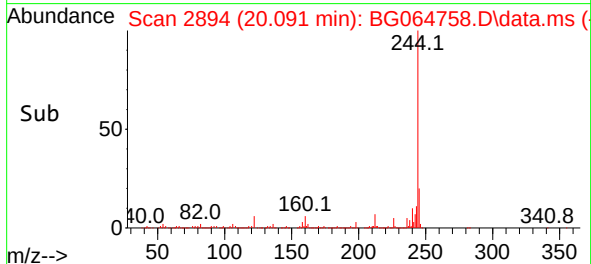
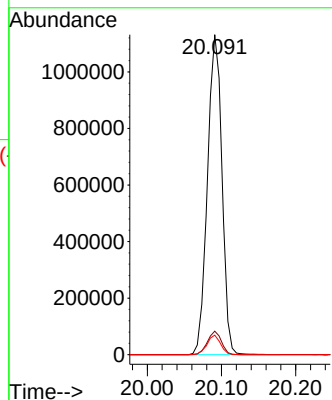
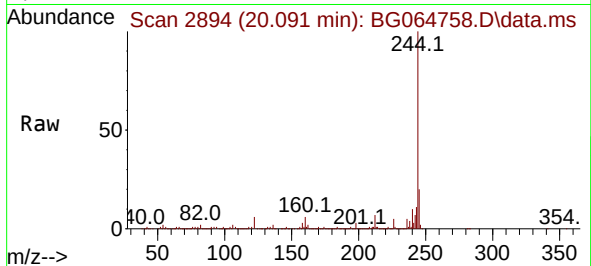




#79  
 Terphenyl-d14  
 Concen: 77.867 ng  
 RT: 20.091 min Scan# 21  
 Delta R.T. -0.004 min  
 Lab File: BG064758.D  
 Acq: 13 Nov 2025 15:57

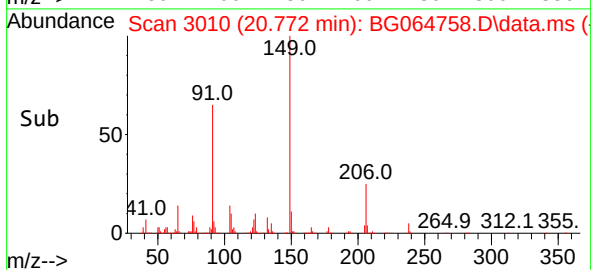
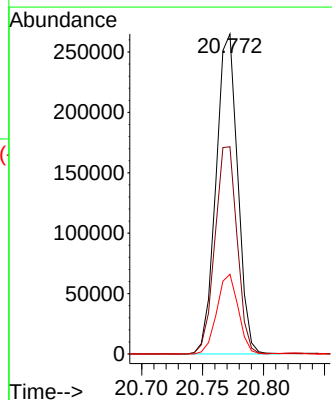
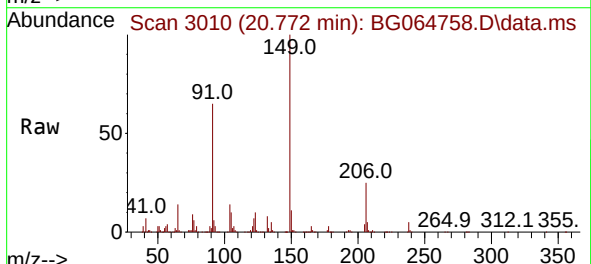
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB170528BS

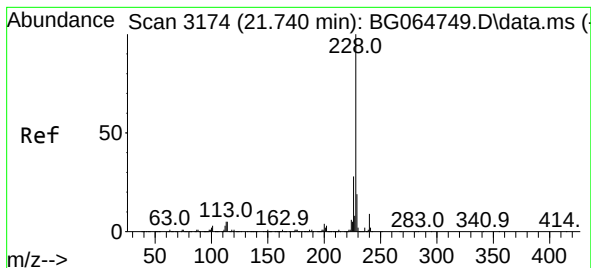
Tgt Ion:244 Resp: 1538381  
 Ion Ratio Lower Upper  
 244 100  
 212 7.4 5.8 8.6  
 122 6.1 4.3 6.5



#80  
 Butylbenzylphthalate  
 Concen: 42.873 ng  
 RT: 20.772 min Scan# 3010  
 Delta R.T. 0.002 min  
 Lab File: BG064758.D  
 Acq: 13 Nov 2025 15:57

Tgt Ion:149 Resp: 328457  
 Ion Ratio Lower Upper  
 149 100  
 91 64.8 54.9 82.3  
 206 24.9 21.2 31.8





#81

Benzo(a)anthracene

Concen: 42.658 ng

RT: 21.736 min Scan# 3174

Delta R.T. -0.004 min

Lab File: BG064758.D

Acq: 13 Nov 2025 15:57

Instrument :

BNA\_G

ClientSampleId :

PB170528BS

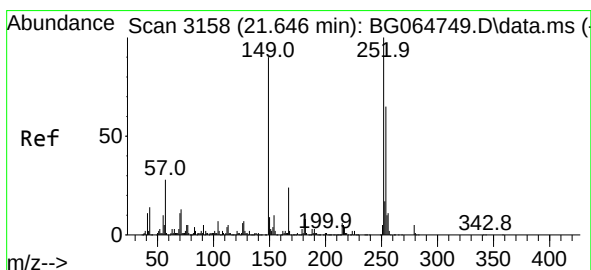
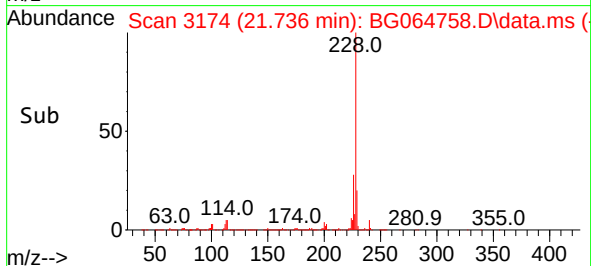
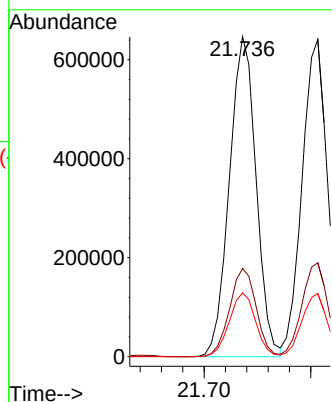
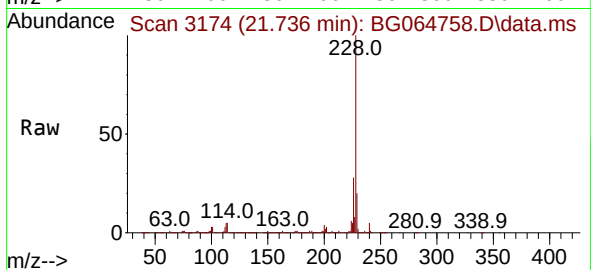
Tgt Ion:228 Resp: 1127249

Ion Ratio Lower Upper

228 100

226 27.5 22.1 33.1

229 19.9 15.5 23.3



#82

3,3'-Dichlorobenzidine

Concen: 30.893 ng

RT: 21.642 min Scan# 3158

Delta R.T. -0.004 min

Lab File: BG064758.D

Acq: 13 Nov 2025 15:57

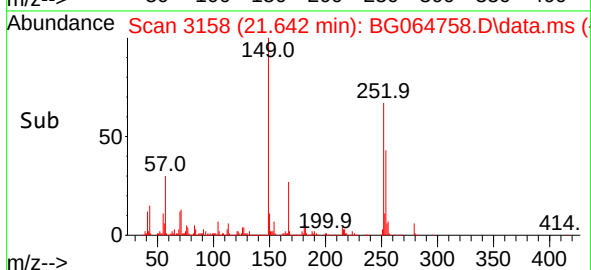
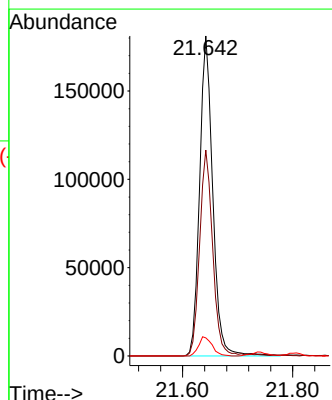
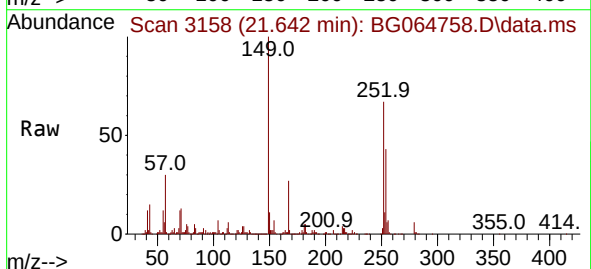
Tgt Ion:252 Resp: 300479

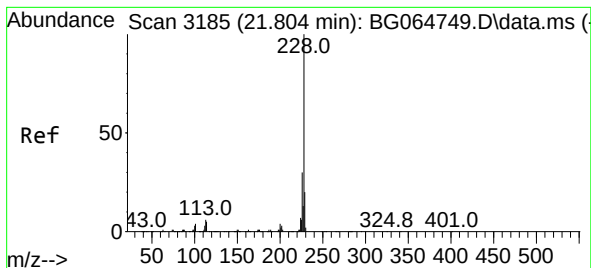
Ion Ratio Lower Upper

252 100

254 64.4 51.8 77.8

126 5.7 4.7 7.1





#83

Chrysene

Concen: 42.644 ng

RT: 21.807 min Scan# 31

Delta R.T. 0.002 min

Lab File: BG064758.D

Acq: 13 Nov 2025 15:57

Instrument :

BNA\_G

ClientSampleId :

PB170528BS

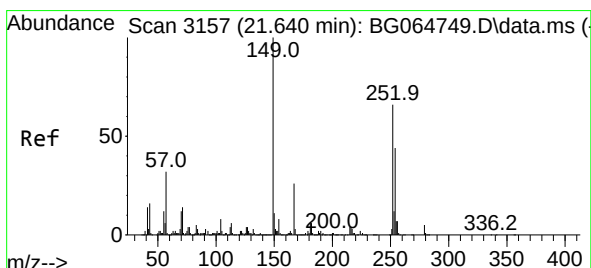
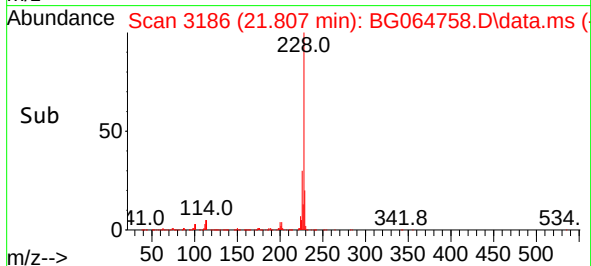
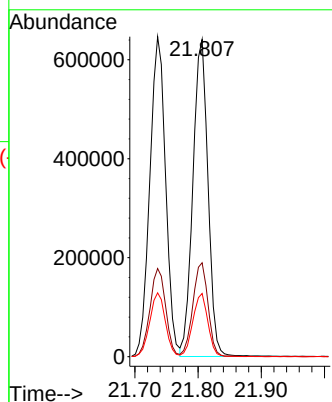
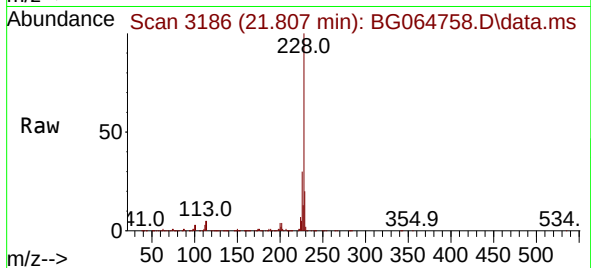
Tgt Ion:228 Resp: 1062387

Ion Ratio Lower Upper

228 100

226 29.6 24.2 36.2

229 19.9 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.723 ng

RT: 21.636 min Scan# 3157

Delta R.T. -0.004 min

Lab File: BG064758.D

Acq: 13 Nov 2025 15:57

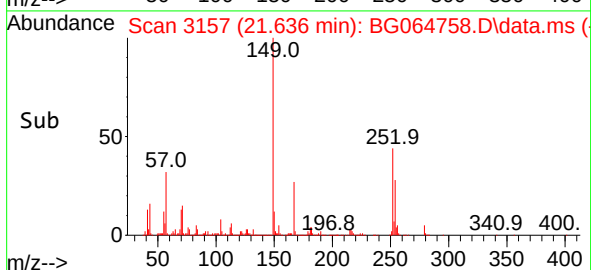
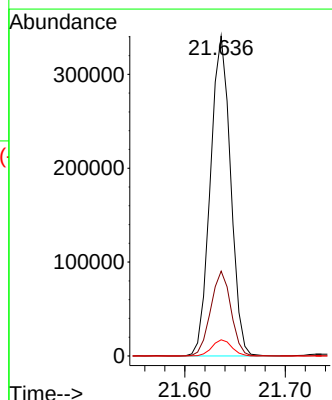
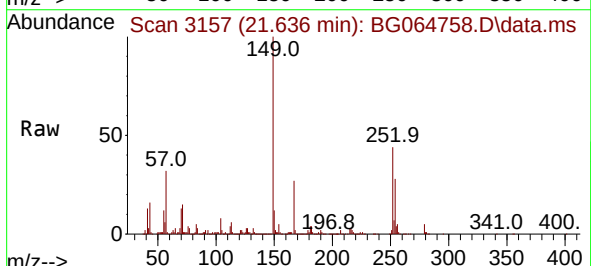
Tgt Ion:149 Resp: 478286

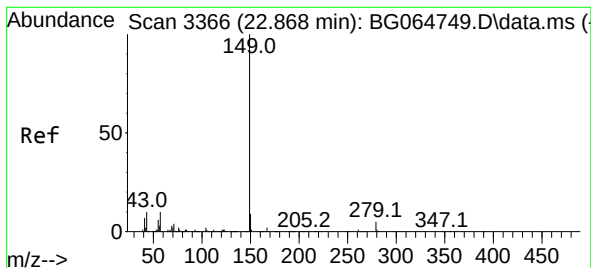
Ion Ratio Lower Upper

149 100

167 26.5 21.0 31.4

279 5.1 4.1 6.1





#85

Di-n-octyl phthalate

Concen: 42.874 ng

RT: 22.864 min Scan# 31

Delta R.T. -0.004 min

Lab File: BG064758.D

Acq: 13 Nov 2025 15:57

Instrument :

BNA\_G

ClientSampleId :

PB170528BS

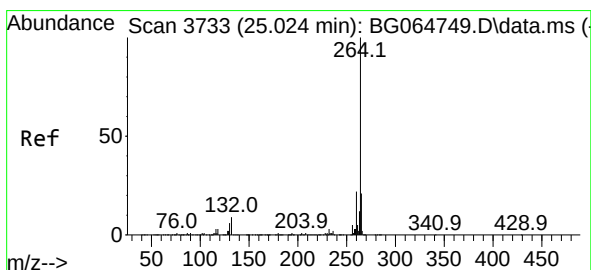
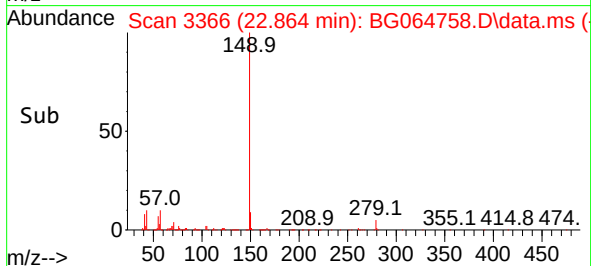
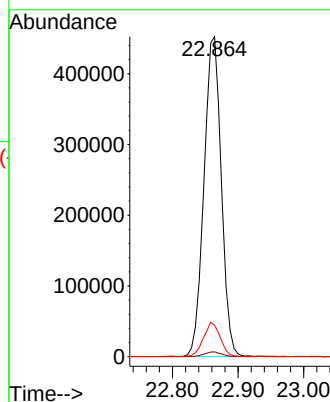
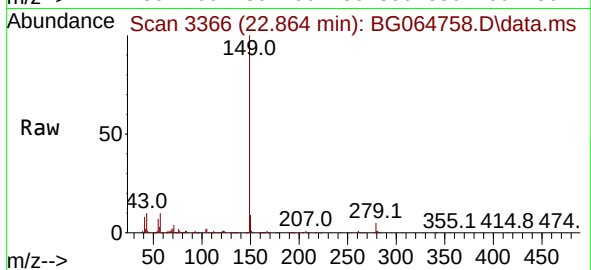
Tgt Ion:149 Resp: 829659

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 10.3 8.3 12.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.015 min Scan# 3732

Delta R.T. -0.009 min

Lab File: BG064758.D

Acq: 13 Nov 2025 15:57

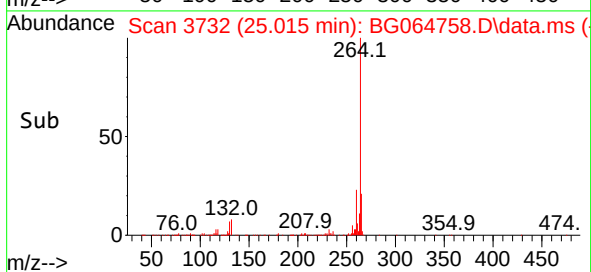
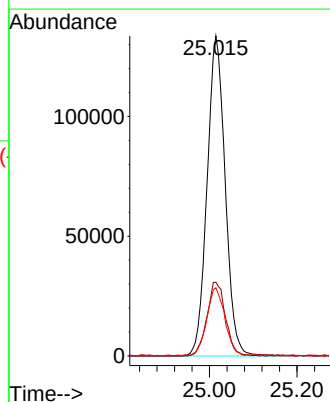
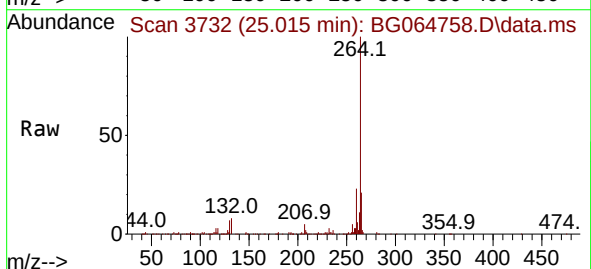
Tgt Ion:264 Resp: 384250

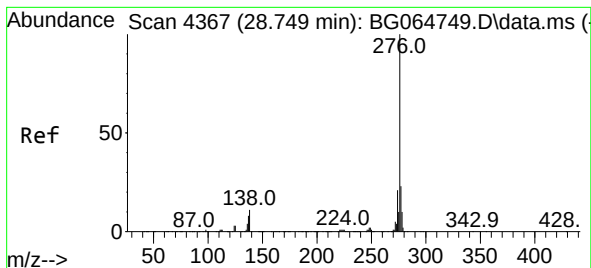
Ion Ratio Lower Upper

264 100

260 23.0 17.2 25.8

265 21.3 16.6 25.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 46.734 ng

RT: 28.745 min Scan# 41

Delta R.T. -0.004 min

Lab File: BG064758.D

Acq: 13 Nov 2025 15:57

Instrument :

BNA\_G

ClientSampleId :

PB170528BS

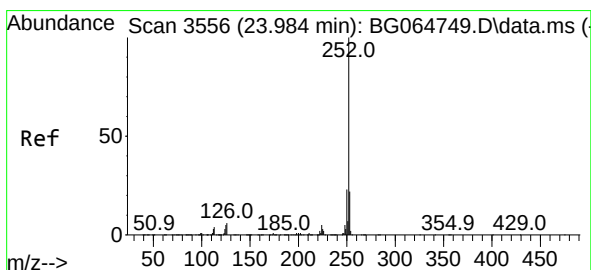
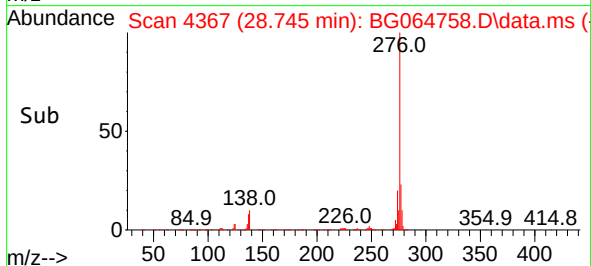
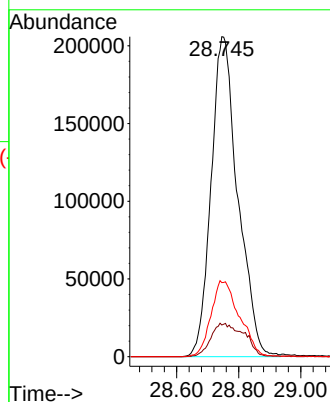
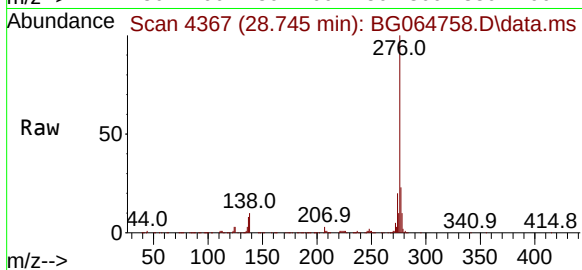
Tgt Ion:276 Resp: 1233751

Ion Ratio Lower Upper

276 100

138 13.0 4.5 6.7#

277 25.2 20.0 30.0



#88

Benzo(b)fluoranthene

Concen: 47.216 ng

RT: 23.980 min Scan# 3556

Delta R.T. -0.004 min

Lab File: BG064758.D

Acq: 13 Nov 2025 15:57

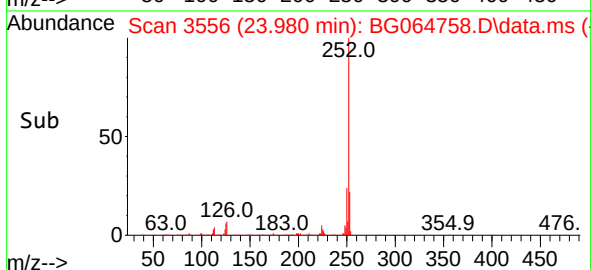
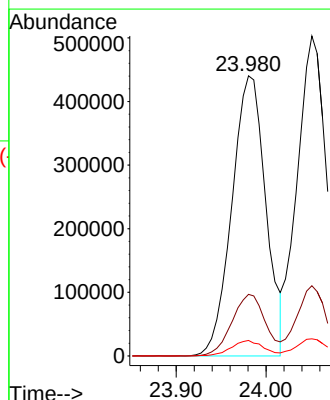
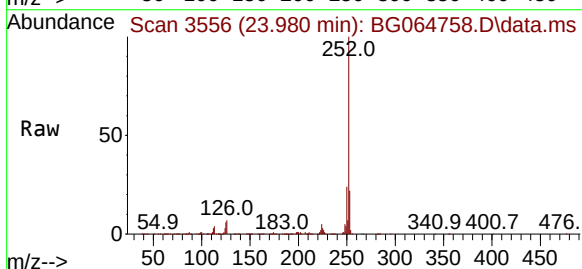
Tgt Ion:252 Resp: 1154586

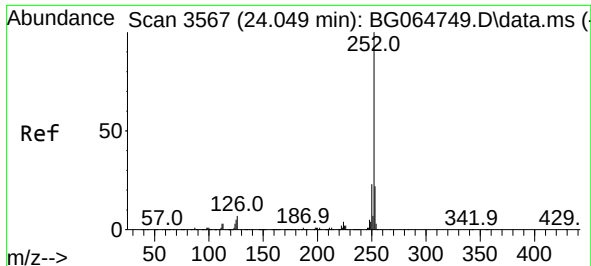
Ion Ratio Lower Upper

252 100

253 22.0 17.4 26.2

125 5.6 4.2 6.2

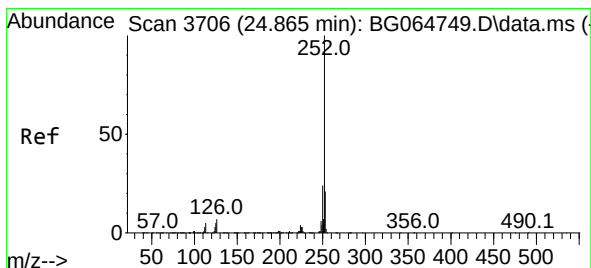
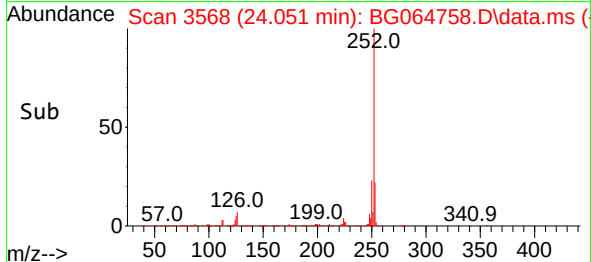
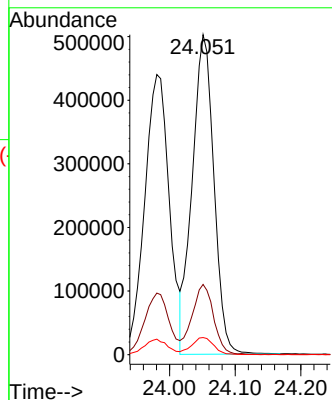
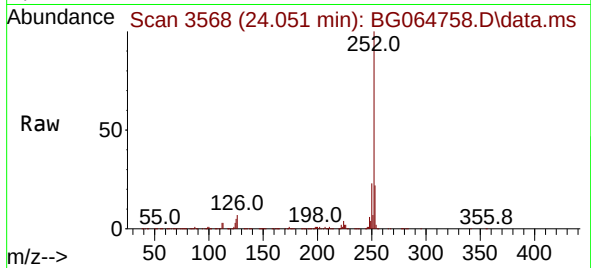




#89  
Benzo(k)fluoranthene  
Concen: 46.925 ng  
RT: 24.051 min Scan# 31  
Delta R.T. 0.002 min  
Lab File: BG064758.D  
Acq: 13 Nov 2025 15:57

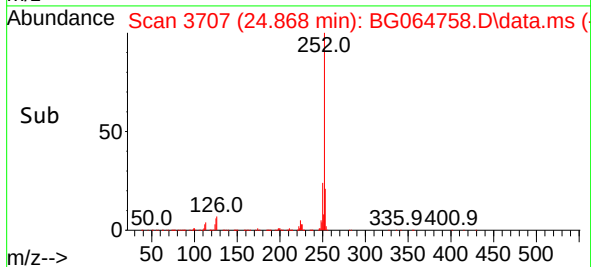
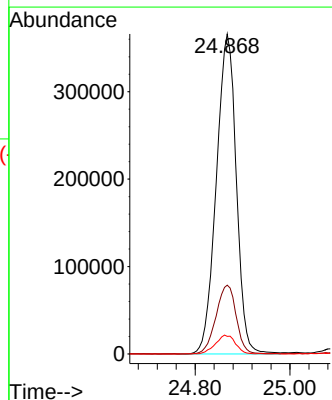
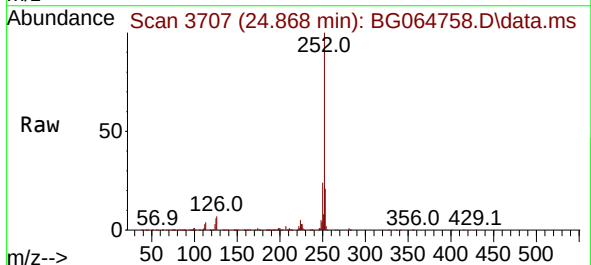
Instrument :  
BNA\_G  
ClientSampleId :  
PB170528BS

Tgt Ion:252 Resp: 1152801  
Ion Ratio Lower Upper  
252 100  
253 21.9 17.8 26.8  
125 5.3 4.1 6.1

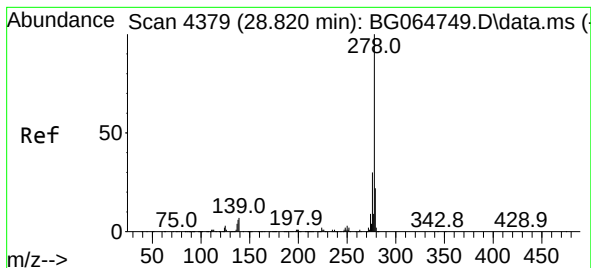


#90  
Benzo(a)pyrene  
Concen: 47.206 ng  
RT: 24.868 min Scan# 3707  
Delta R.T. 0.002 min  
Lab File: BG064758.D  
Acq: 13 Nov 2025 15:57

Tgt Ion:252 Resp: 1070783  
Ion Ratio Lower Upper  
252 100  
253 21.5 16.9 25.3  
125 5.5 4.2 6.4







#91

Dibenzo(a,h)anthracene

Concen: 47.609 ng

RT: 28.810 min Scan# 41

Delta R.T. -0.009 min

Lab File: BG064758.D

Acq: 13 Nov 2025 15:57

Instrument :

BNA\_G

ClientSampleId :

PB170528BS

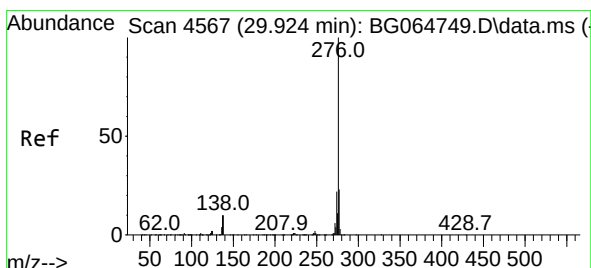
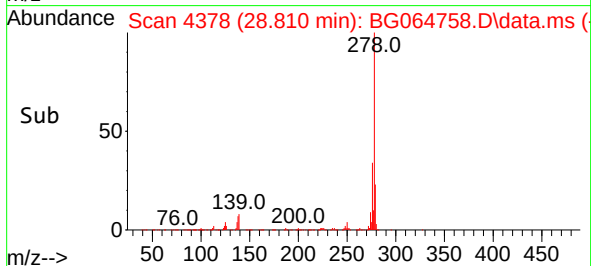
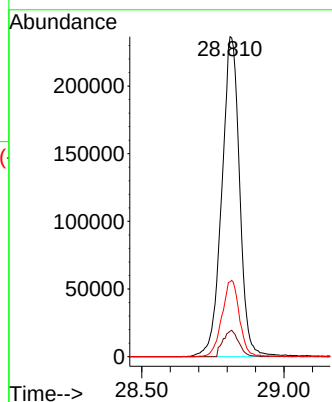
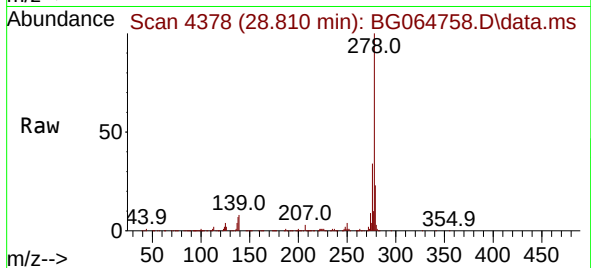
Tgt Ion:278 Resp: 1029634

Ion Ratio Lower Upper

278 100

139 8.0 5.8 8.8

279 23.4 17.3 25.9



#92

Benzo(g,h,i)perylene

Concen: 46.879 ng

RT: 29.921 min Scan# 4567

Delta R.T. -0.004 min

Lab File: BG064758.D

Acq: 13 Nov 2025 15:57

Tgt Ion:276 Resp: 975725

Ion Ratio Lower Upper

276 100

277 22.6 18.0 27.0

138 10.2 8.2 12.2

