

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG110325\  
 Data File : BG064676.D  
 Acq On : 3 Nov 2025 17:19  
 Operator : RC/JU  
 Sample : PB170216BS  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB170216BS

Quant Time: Nov 04 00:43:34 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG102425.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Nov 03 18:16:26 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.208  | 152  | 36665    | 20.000  | ng    | -0.02    |
| 21) Naphthalene-d8            | 11.034 | 136  | 145545   | 20.000  | ng    | -0.02    |
| 39) Acenaphthene-d10          | 14.835 | 164  | 116501   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.573 | 188  | 291857   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 21.845 | 240  | 341711   | 20.000  | ng    | -0.02    |
| 86) Perylene-d12              | 25.182 | 264  | 361251   | 20.000  | ng    | -0.02    |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.740  | 112  | 252380   | 115.538 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.350  | 99   | 364958   | 121.756 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.377  | 82   | 224926   | 92.821  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.316 | 330  | 252401   | 150.108 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.460 | 172  | 622088   | 80.937  | ng    | -0.02    |
| 79) Terphenyl-d14             | 20.158 | 244  | 1500788  | 82.884  | ng    | -0.02    |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.572  | 88   | 26074    | 26.961  | ng    | 96       |
| 3) Pyridine                   | 3.983  | 79   | 75607    | 26.034  | ng    | 98       |
| 4) n-Nitrosodimethylamine     | 3.889  | 42   | 55437    | 35.595  | ng    | 91       |
| 6) Aniline                    | 7.520  | 93   | 133950   | 32.841  | ng    | 98       |
| 8) 2-Chlorophenol             | 7.767  | 128  | 106934   | 46.770  | ng    | 96       |
| 9) Benzaldehyde               | 7.332  | 77   | 51257    | 31.323  | ng    | 94       |
| 10) Phenol                    | 7.379  | 94   | 143612   | 43.323  | ng    | 97       |
| 11) bis(2-Chloroethyl)ether   | 7.614  | 93   | 92364    | 37.898  | ng    | 91       |
| 12) 1,3-Dichlorobenzene       | 8.096  | 146  | 111129   | 42.229  | ng    | 93       |
| 13) 1,4-Dichlorobenzene       | 8.249  | 146  | 112310   | 41.973  | ng    | 98       |
| 14) 1,2-Dichlorobenzene       | 8.566  | 146  | 111179   | 43.078  | ng    | 97       |
| 15) Benzyl Alcohol            | 8.443  | 79   | 104589   | 42.314  | ng    | 98       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.736  | 45   | 245962   | 38.474  | ng    | 99       |
| 17) 2-Methylphenol            | 8.642  | 107  | 95442    | 43.365  | ng    | 99       |
| 18) Hexachloroethane          | 9.306  | 117  | 39486    | 42.051  | ng    | 98       |
| 19) n-Nitroso-di-n-propyla... | 9.013  | 70   | 84457    | 40.770  | ng    | 97       |
| 20) 3+4-Methylphenols         | 8.972  | 107  | 129377   | 41.799  | ng    | 98       |
| 22) Acetophenone              | 9.030  | 105  | 182271   | 45.813  | ng    | # 99     |
| 24) Nitrobenzene              | 9.418  | 77   | 123927   | 47.020  | ng    | 94       |
| 25) Isophorone                | 9.947  | 82   | 230404   | 39.625  | ng    | 99       |
| 26) 2-Nitrophenol             | 10.135 | 139  | 51655    | 50.613  | ng    | # 93     |
| 27) 2,4-Dimethylphenol        | 10.188 | 122  | 107472   | 49.689  | ng    | 96       |
| 28) bis(2-Chloroethoxy)met... | 10.423 | 93   | 130953   | 39.555  | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 10.675 | 162  | 114298   | 49.104  | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 10.893 | 180  | 121635   | 45.992  | ng    | 98       |
| 31) Naphthalene               | 11.087 | 128  | 334845   | 41.495  | ng    | 99       |
| 32) Benzoic acid              | 10.323 | 122  | 70788    | 43.592  | ng    | 98       |
| 33) 4-Chloroaniline           | 11.181 | 127  | 69535    | 22.170  | ng    | 96       |
| 34) Hexachlorobutadiene       | 11.380 | 225  | 90080    | 43.553  | ng    | 98       |
| 35) Caprolactam               | 11.956 | 113  | 17958    | 20.115  | ng    | # 83     |
| 36) 4-Chloro-3-methylphenol   | 12.285 | 107  | 130812   | 46.753  | ng    | 97       |
| 37) 2-Methylnaphthalene       | 12.679 | 142  | 231452   | 39.067  | ng    | 99       |
| 38) 1-Methylnaphthalene       | 12.896 | 142  | 239296   | 40.800  | ng    | 100      |
| 40) 1,2,4,5-Tetrachloroben... | 13.043 | 216  | 186832   | 47.785  | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 13.026 | 237  | 230660   | 131.068 | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 13.272 | 196  | 114435   | 51.168  | ng    | 98       |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG110325\  
 Data File : BG064676.D  
 Acq On : 3 Nov 2025 17:19  
 Operator : RC/JU  
 Sample : PB170216BS  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB170216BS

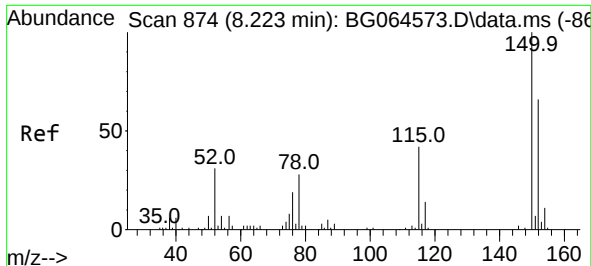
Quant Time: Nov 04 00:43:34 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG102425.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Nov 03 18:16:26 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 13.343 | 196  | 126231   | 48.910  | ng    | 98       |
| 46) 1,1'-Biphenyl             | 13.672 | 154  | 392423   | 47.380  | ng    | 97       |
| 47) 2-Chloronaphthalene       | 13.719 | 162  | 269956   | 43.180  | ng    | 99       |
| 48) 2-Nitroaniline            | 13.907 | 65   | 99659    | 47.519  | ng    | 96       |
| 49) Acenaphthylene            | 14.559 | 152  | 482102   | 48.889  | ng    | 98       |
| 50) Dimethylphthalate         | 14.283 | 163  | 386687   | 43.377  | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 14.395 | 165  | 76763    | 51.908  | ng    | 98       |
| 52) Acenaphthene              | 14.900 | 154  | 330536   | 49.061  | ng    | 98       |
| 53) 3-Nitroaniline            | 14.724 | 138  | 56670    | 36.990  | ng #  | 98       |
| 54) 2,4-Dinitrophenol         | 14.923 | 184  | 106418   | 115.262 | ng #  | 38       |
| 55) Dibenzofuran              | 15.229 | 168  | 464689   | 42.663  | ng    | 98       |
| 56) 4-Nitrophenol             | 15.017 | 139  | 135990   | 95.740  | ng    | 93       |
| 57) 2,4-Dinitrotoluene        | 15.176 | 165  | 117345   | 51.368  | ng #  | 100      |
| 58) Fluorene                  | 15.875 | 166  | 374710   | 44.050  | ng    | 97       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.446 | 232  | 133345   | 54.030  | ng    | 98       |
| 60) Diethylphthalate          | 15.634 | 149  | 391543   | 43.016  | ng    | 98       |
| 61) 4-Chlorophenyl-phenyle... | 15.863 | 204  | 210057   | 44.003  | ng    | 99       |
| 62) 4-Nitroaniline            | 15.881 | 138  | 85132    | 49.948  | ng    | 94       |
| 63) Azobenzene                | 16.157 | 77   | 350545   | 41.973  | ng    | 97       |
| 65) 4,6-Dinitro-2-methylph... | 15.940 | 198  | 76492    | 58.254  | ng    | 93       |
| 66) n-Nitrosodiphenylamine    | 16.075 | 169  | 344623   | 43.713  | ng    | 97       |
| 67) 4-Bromophenyl-phenylether | 16.756 | 248  | 155902   | 45.076  | ng    | 97       |
| 68) Hexachlorobenzene         | 16.880 | 284  | 179683   | 45.539  | ng    | 98       |
| 69) Atrazine                  | 17.015 | 200  | 160899   | 47.425  | ng    | 96       |
| 70) Pentachlorophenol         | 17.215 | 266  | 246480   | 100.175 | ng    | 96       |
| 71) Phenanthrene              | 17.614 | 178  | 687757   | 43.091  | ng    | 99       |
| 72) Anthracene                | 17.702 | 178  | 699037   | 43.056  | ng    | 100      |
| 73) Carbazole                 | 17.961 | 167  | 631308   | 44.096  | ng    | 100      |
| 74) Di-n-butylphthalate       | 18.519 | 149  | 726202   | 43.865  | ng    | 99       |
| 75) Fluoranthene              | 19.606 | 202  | 890769   | 44.551  | ng    | 99       |
| 77) Benzidine                 | 19.776 | 184  | 315351   | 41.191  | ng    | 99       |
| 78) Pyrene                    | 19.970 | 202  | 926752   | 41.511  | ng    | 99       |
| 80) Butylbenzylphthalate      | 20.840 | 149  | 327559   | 48.545  | ng    | 95       |
| 81) Benzo(a)anthracene        | 21.827 | 228  | 1007500  | 44.467  | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 21.733 | 252  | 257277   | 34.004  | ng    | 99       |
| 83) Chrysene                  | 21.892 | 228  | 940484   | 43.624  | ng    | 98       |
| 84) Bis(2-ethylhexyl)phtha... | 21.727 | 149  | 459648   | 45.588  | ng    | 99       |
| 85) Di-n-octyl phthalate      | 22.984 | 149  | 788440   | 46.381  | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 29.007 | 276  | 1196767  | 45.034  | ng #  | 70       |
| 88) Benzo(b)fluoranthene      | 24.124 | 252  | 999955   | 45.141  | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 24.195 | 252  | 1037592  | 46.808  | ng    | 96       |
| 90) Benzo(a)pyrene            | 25.023 | 252  | 964357   | 47.360  | ng    | 100      |
| 91) Dibenzo(a,h)anthracene    | 29.077 | 278  | 993091   | 45.998  | ng    | 97       |
| 92) Benzo(g,h,i)perylene      | 30.211 | 276  | 961121   | 46.601  | ng    | 98       |

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

Quant Time: Nov 04 00:43:34 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG102425.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Nov 03 18:16:26 2025  
Response via : Initial Calibration

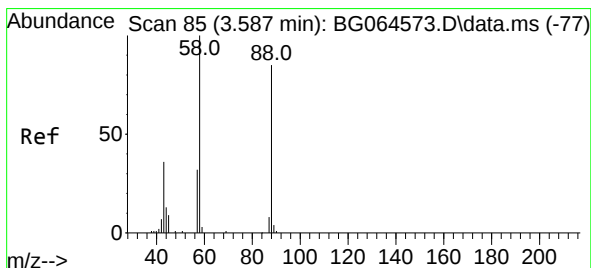
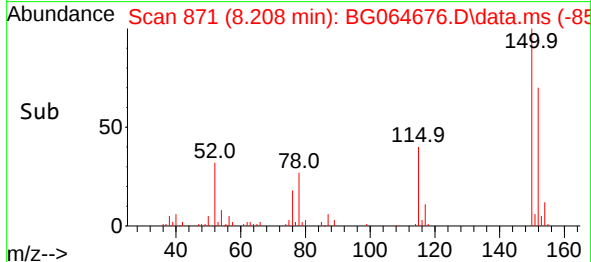
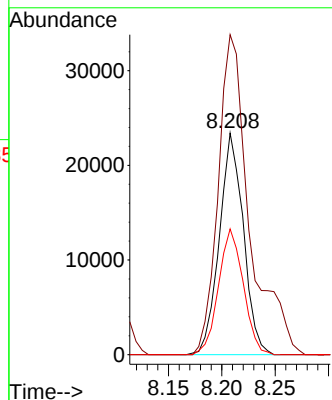
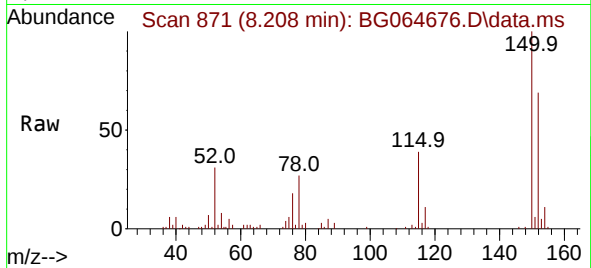




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.208 min Scan# 81  
Delta R.T. -0.015 min  
Lab File: BG064676.D  
Acq: 3 Nov 2025 17:19

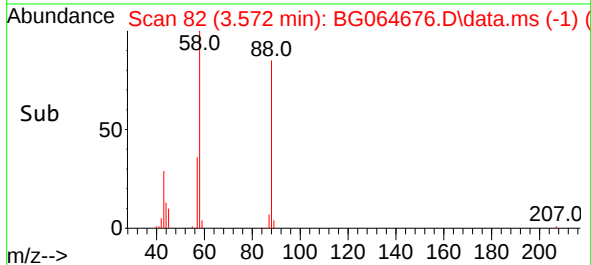
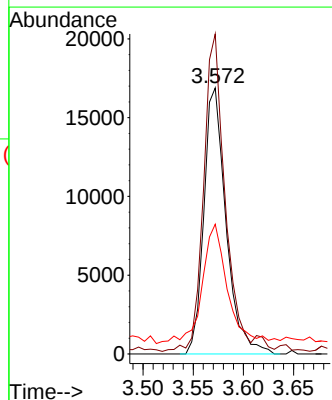
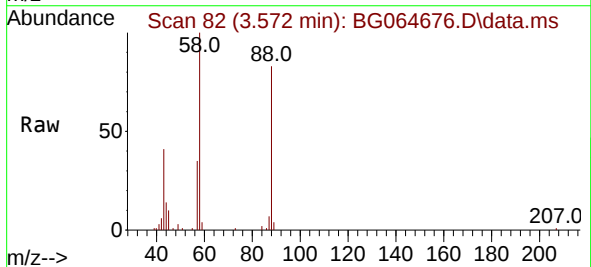
Instrument :  
BNA\_G  
ClientSampleId :  
PB170216BS

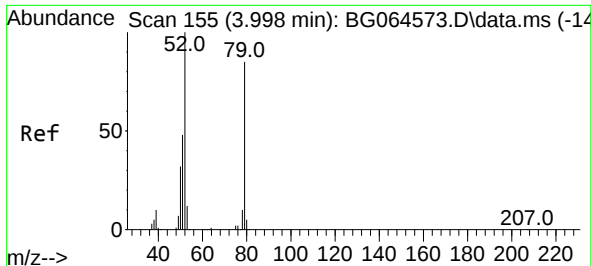
Tgt Ion:152 Resp: 36665  
Ion Ratio Lower Upper  
152 100  
150 144.4 122.2 183.4  
115 56.7 50.8 76.2



#2  
1,4-Dioxane  
Concen: 26.961 ng  
RT: 3.572 min Scan# 82  
Delta R.T. -0.015 min  
Lab File: BG064676.D  
Acq: 3 Nov 2025 17:19

Tgt Ion: 88 Resp: 26074  
Ion Ratio Lower Upper  
88 100  
58 113.6 92.4 138.6  
43 48.8 33.0 49.6

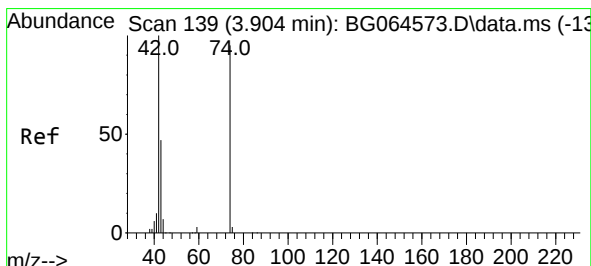
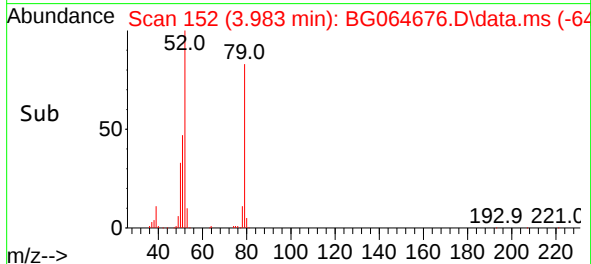
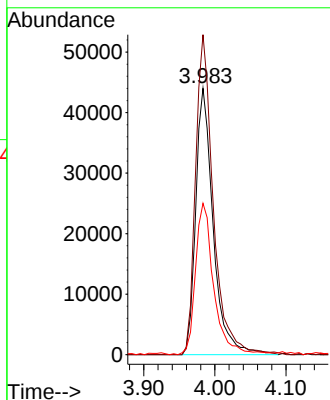
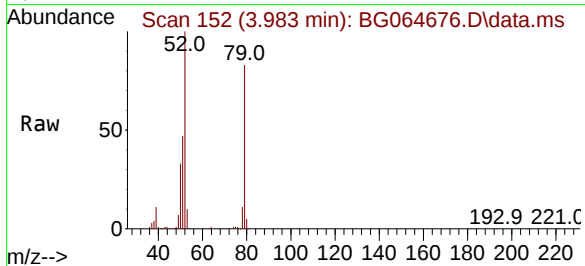




#3  
Pyridine  
Concen: 26.034 ng  
RT: 3.983 min Scan# 11  
Delta R.T. -0.015 min  
Lab File: BG064676.D  
Acq: 3 Nov 2025 17:19

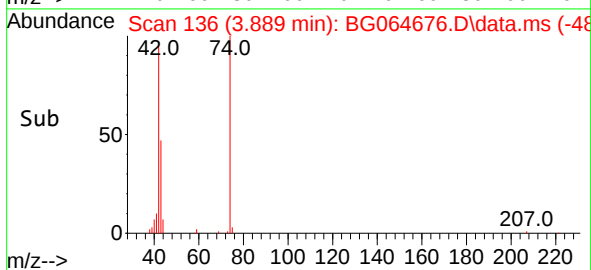
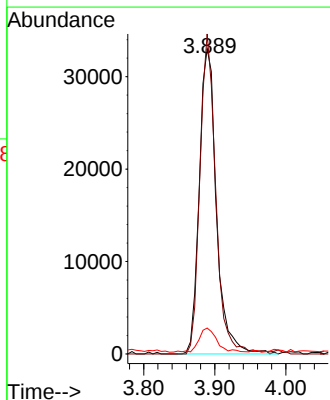
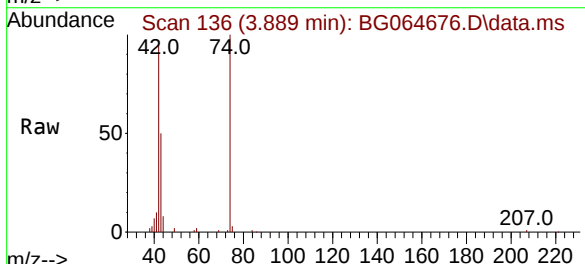
Instrument :  
BNA\_G  
ClientSampleId :  
PB170216BS

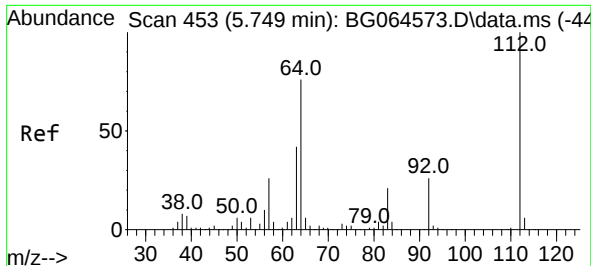
Tgt Ion: 79 Resp: 75607  
Ion Ratio Lower Upper  
79 100  
52 120.1 94.2 141.2  
51 56.8 46.1 69.1



#4  
n-Nitrosodimethylamine  
Concen: 35.595 ng  
RT: 3.889 min Scan# 136  
Delta R.T. -0.015 min  
Lab File: BG064676.D  
Acq: 3 Nov 2025 17:19

Tgt Ion: 42 Resp: 55437  
Ion Ratio Lower Upper  
42 100  
74 104.8 76.1 114.1  
44 8.5 6.3 9.5

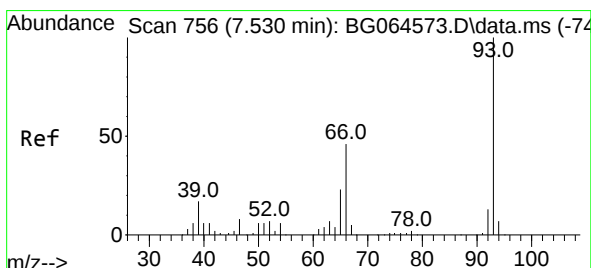
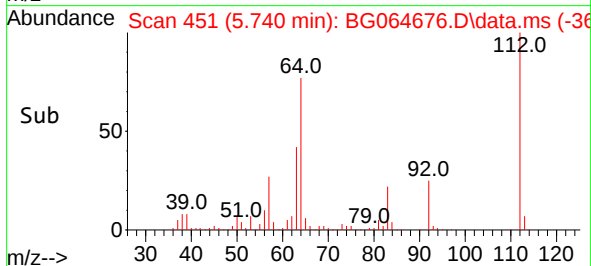
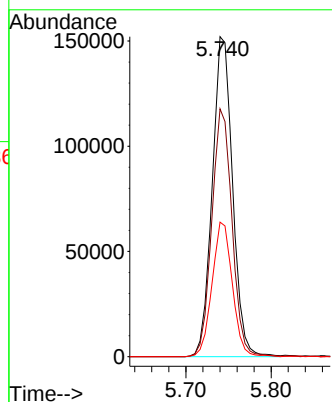
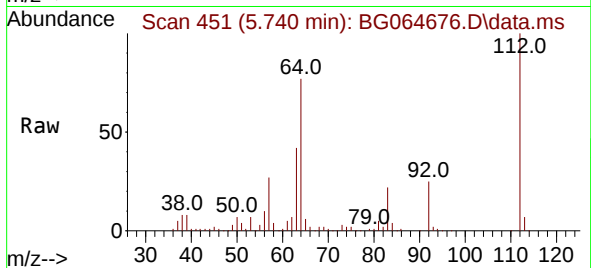




#5  
2-Fluorophenol  
Concen: 115.538 ng  
RT: 5.740 min Scan# 411  
Delta R.T. -0.009 min  
Lab File: BG064676.D  
Acq: 3 Nov 2025 17:19

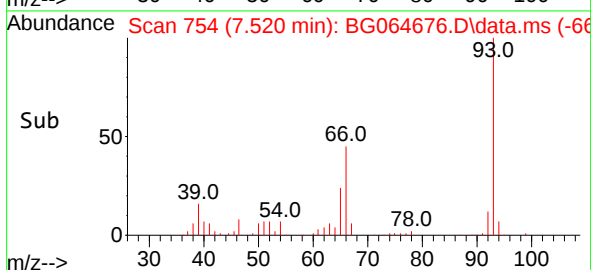
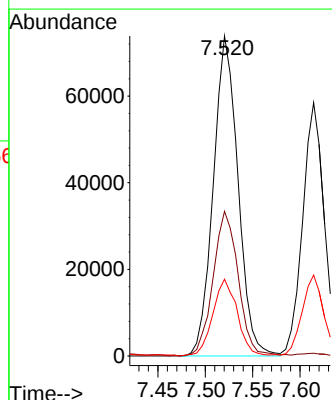
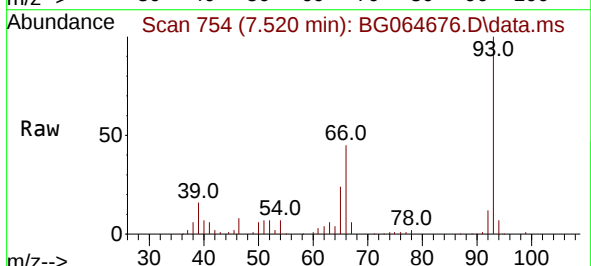
Instrument :  
BNA\_G  
ClientSampleId :  
PB170216BS

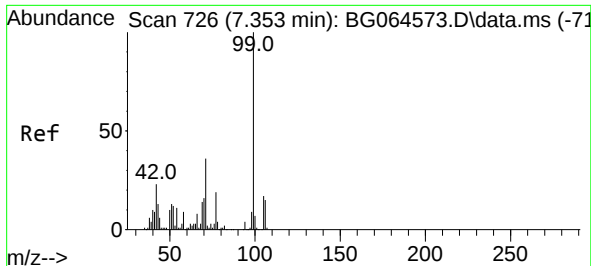
Tgt Ion:112 Resp: 252380  
Ion Ratio Lower Upper  
112 100  
64 77.5 60.7 91.1  
63 42.1 33.4 50.0



#6  
Aniline  
Concen: 32.841 ng  
RT: 7.520 min Scan# 754  
Delta R.T. -0.009 min  
Lab File: BG064676.D  
Acq: 3 Nov 2025 17:19

Tgt Ion: 93 Resp: 133950  
Ion Ratio Lower Upper  
93 100  
66 45.2 37.0 55.6  
65 24.0 18.3 27.5





#7  
Phenol-d6  
Concen: 121.756 ng  
RT: 7.350 min Scan# 711  
Delta R.T. -0.003 min  
Lab File: BG064676.D  
Acq: 3 Nov 2025 17:19

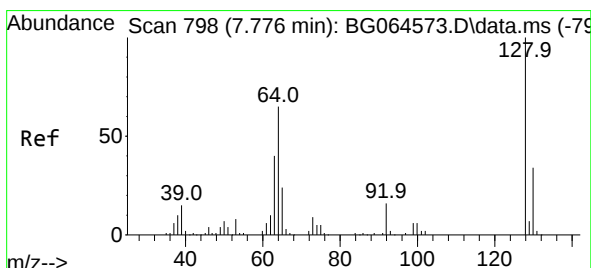
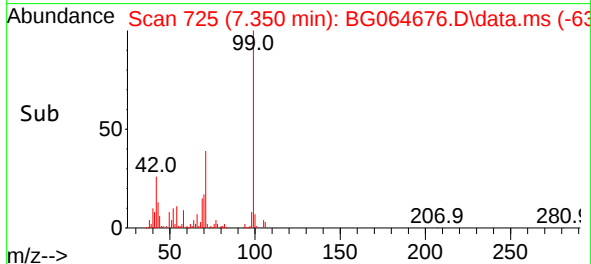
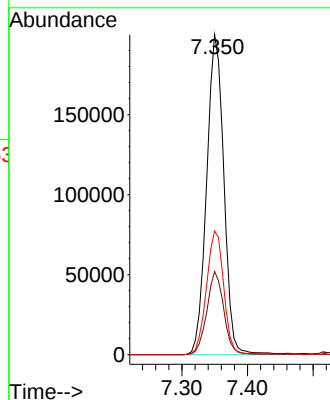
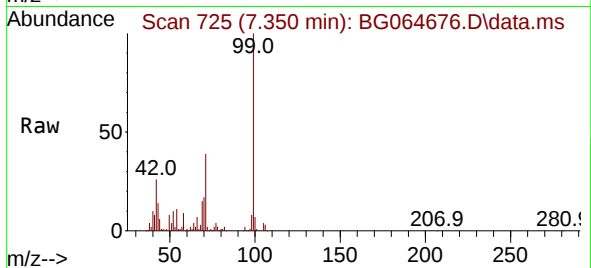
Instrument :

BNA\_G

ClientSampleId :

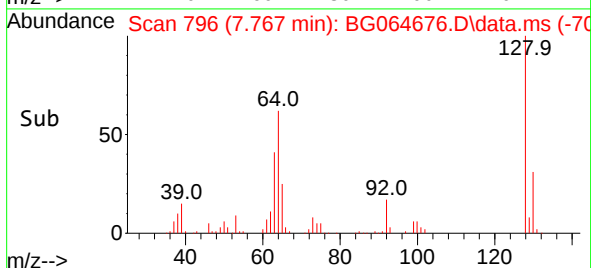
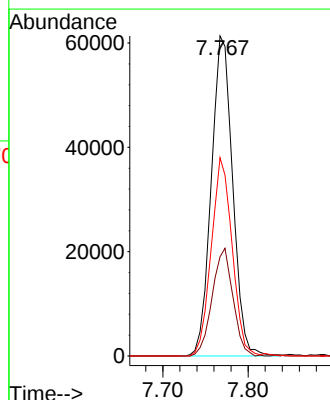
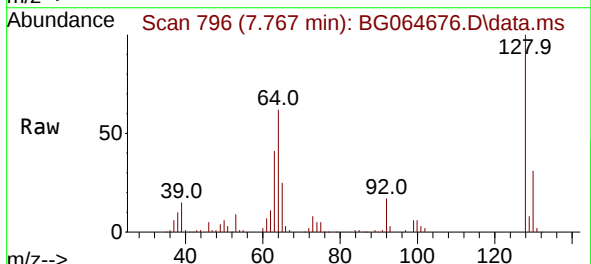
PB170216BS

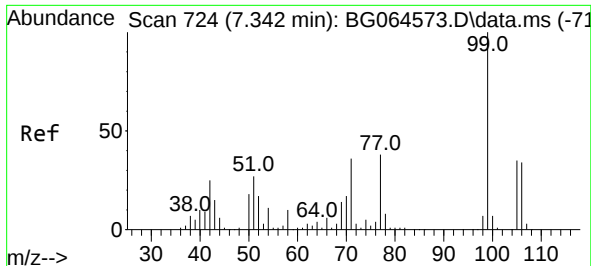
Tgt Ion: 99 Resp: 364958  
Ion Ratio Lower Upper  
99 100  
42 26.0 18.3 27.5  
71 38.6 28.6 43.0



#8  
2-Chlorophenol  
Concen: 46.770 ng  
RT: 7.767 min Scan# 796  
Delta R.T. -0.009 min  
Lab File: BG064676.D  
Acq: 3 Nov 2025 17:19

Tgt Ion:128 Resp: 106934  
Ion Ratio Lower Upper  
128 100  
130 31.0 13.5 53.5  
64 61.9 45.2 85.2

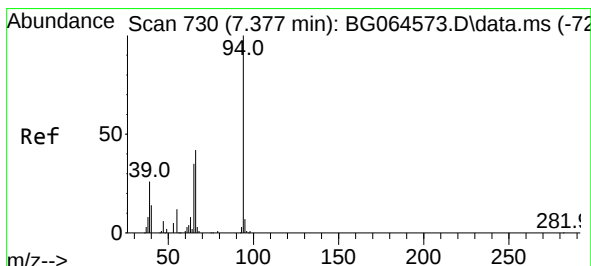
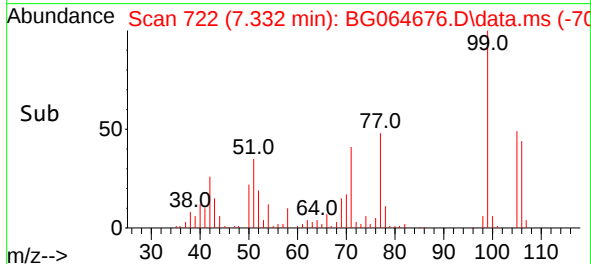
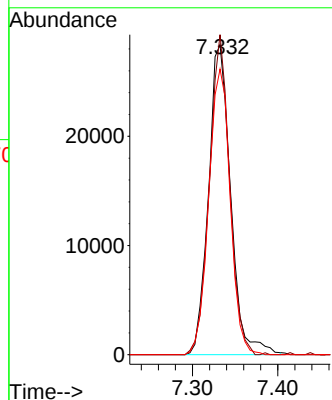
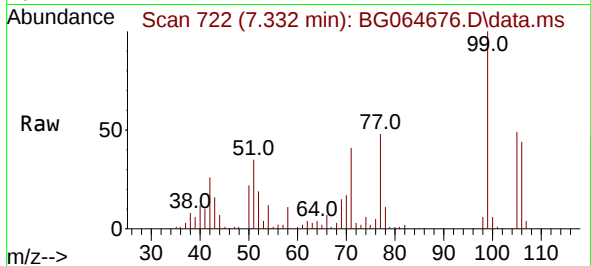




#9  
Benzaldehyde  
Concen: 31.323 ng  
RT: 7.332 min Scan# 71  
Delta R.T. -0.009 min  
Lab File: BG064676.D  
Acq: 3 Nov 2025 17:19

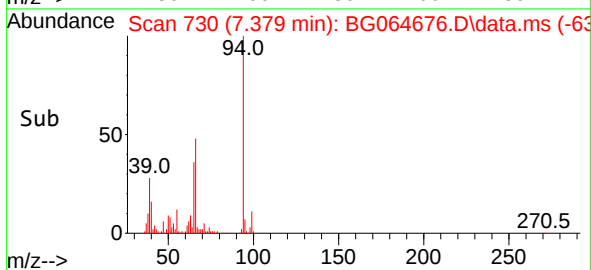
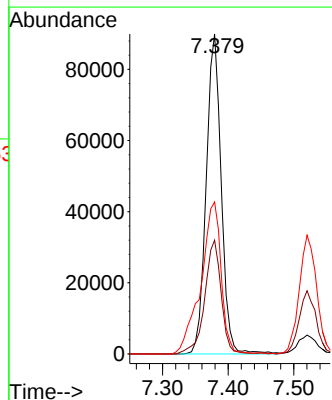
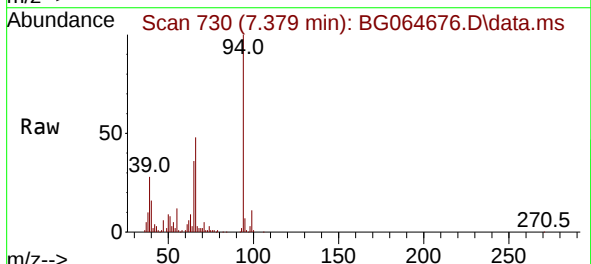
Instrument :  
BNA\_G  
ClientSampleId :  
PB170216BS

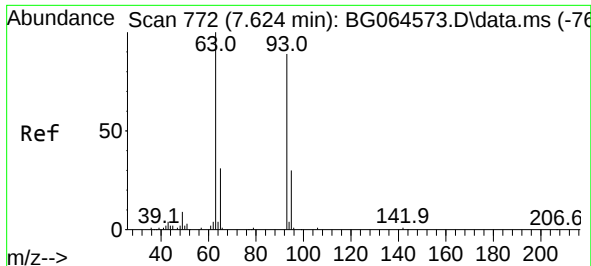
Tgt Ion: 77 Resp: 51257  
Ion Ratio Lower Upper  
77 100  
105 103.2 72.9 112.9  
106 92.1 70.8 110.8



#10  
Phenol  
Concen: 43.323 ng  
RT: 7.379 min Scan# 730  
Delta R.T. 0.002 min  
Lab File: BG064676.D  
Acq: 3 Nov 2025 17:19

Tgt Ion: 94 Resp: 143612  
Ion Ratio Lower Upper  
94 100  
65 35.6 15.8 55.8  
66 47.5 24.0 64.0

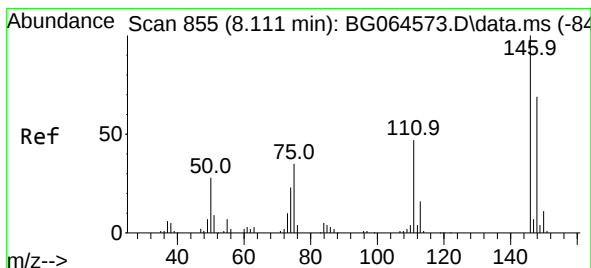
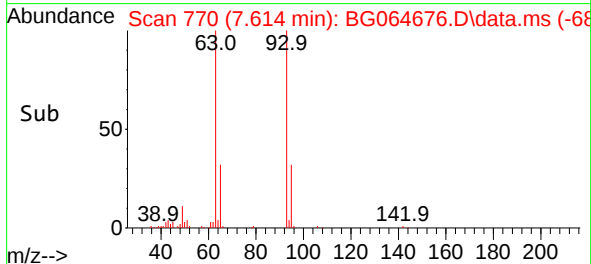
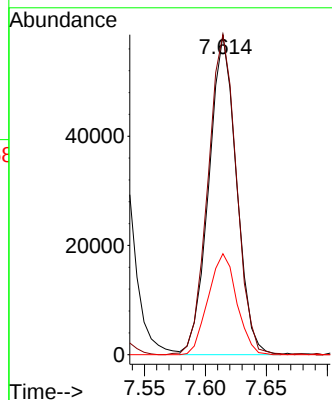
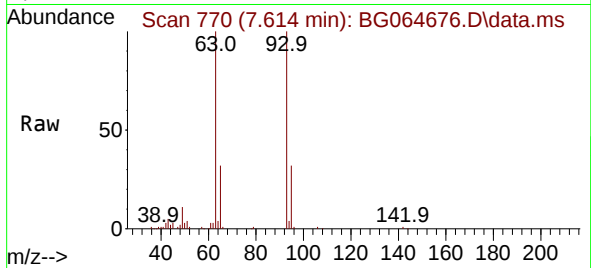




#11  
bis(2-Chloroethyl)ether  
Concen: 37.898 ng  
RT: 7.614 min Scan# 711  
Delta R.T. -0.009 min  
Lab File: BG064676.D  
Acq: 3 Nov 2025 17:19

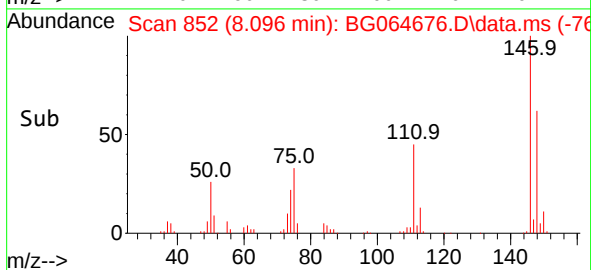
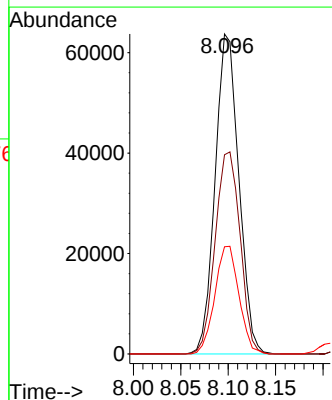
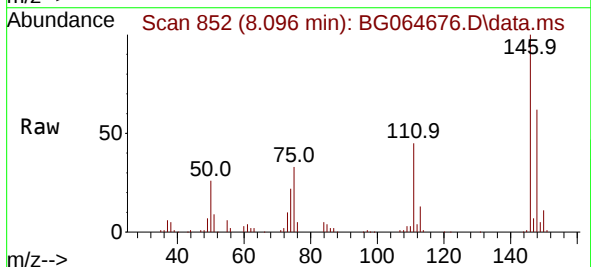
Instrument :  
BNA\_G  
ClientSampleId :  
PB170216BS

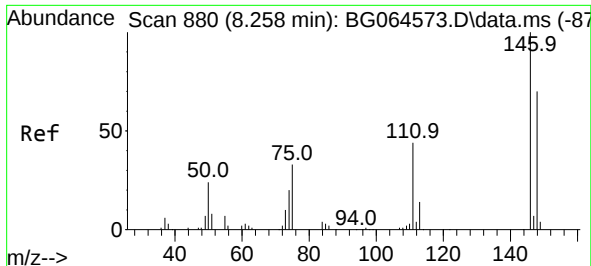
Tgt Ion: 93 Resp: 92364  
Ion Ratio Lower Upper  
93 100  
63 100.2 91.3 131.3  
95 31.6 13.3 53.3



#12  
1,3-Dichlorobenzene  
Concen: 42.229 ng  
RT: 8.096 min Scan# 852  
Delta R.T. -0.015 min  
Lab File: BG064676.D  
Acq: 3 Nov 2025 17:19

Tgt Ion:146 Resp: 111129  
Ion Ratio Lower Upper  
146 100  
148 62.3 55.3 82.9  
75 33.5 28.2 42.2

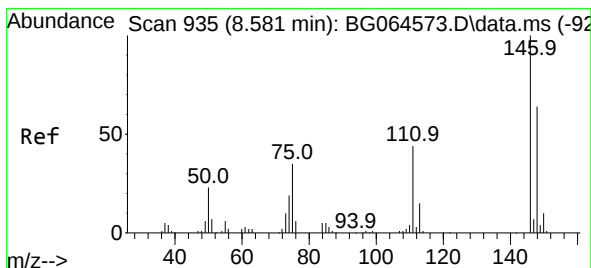
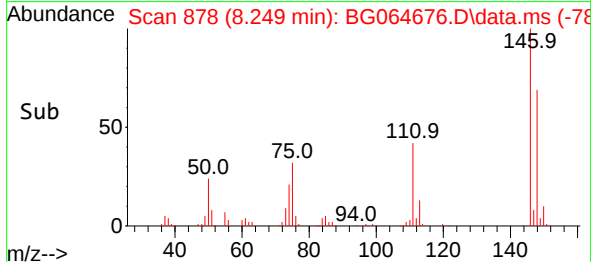
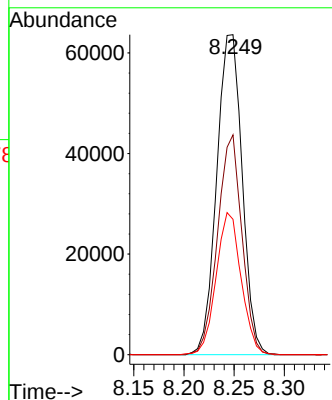
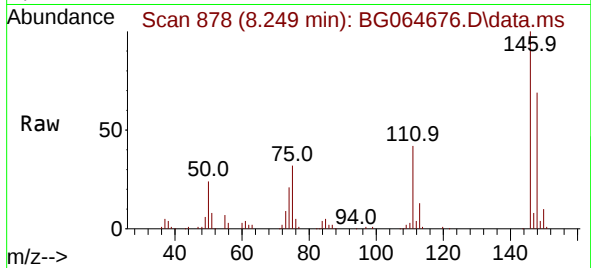




#13  
1,4-Dichlorobenzene  
Concen: 41.973 ng  
RT: 8.249 min Scan# 81  
Delta R.T. -0.009 min  
Lab File: BG064676.D  
Acq: 3 Nov 2025 17:19

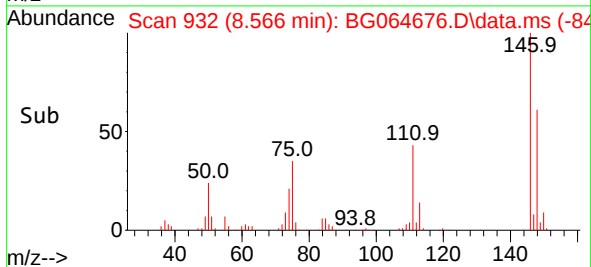
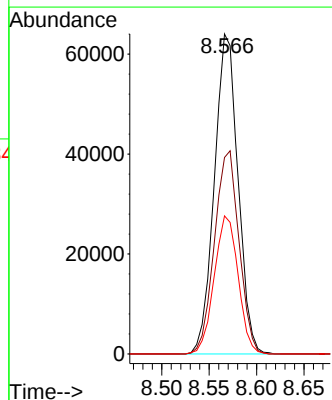
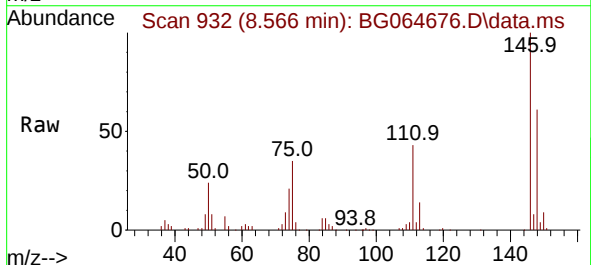
Instrument :  
BNA\_G  
ClientSampleId :  
PB170216BS

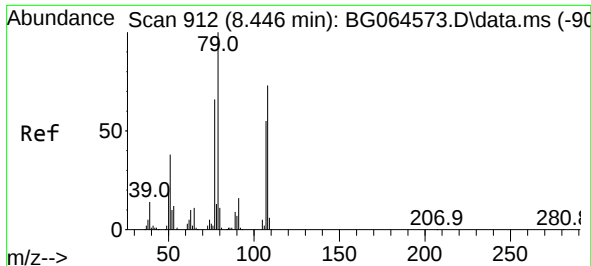
Tgt Ion:146 Resp: 112310  
Ion Ratio Lower Upper  
146 100  
148 68.7 56.2 84.4  
111 42.3 35.4 53.0



#14  
1,2-Dichlorobenzene  
Concen: 43.078 ng  
RT: 8.566 min Scan# 932  
Delta R.T. -0.015 min  
Lab File: BG064676.D  
Acq: 3 Nov 2025 17:19

Tgt Ion:146 Resp: 111179  
Ion Ratio Lower Upper  
146 100  
148 61.4 51.5 77.3  
111 43.2 35.0 52.6

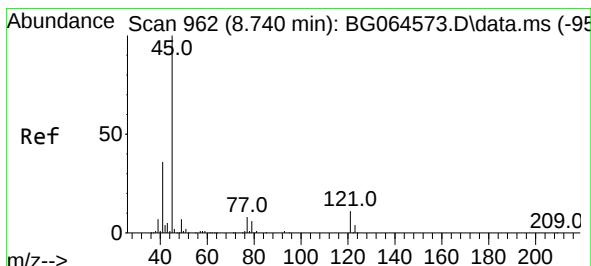
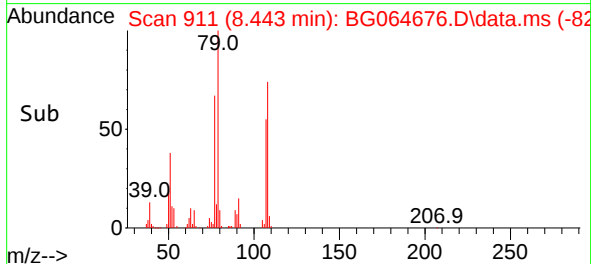
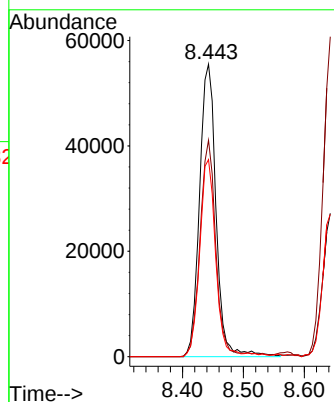
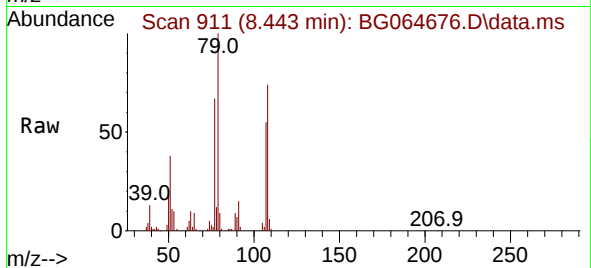




#15  
Benzyl Alcohol  
Concen: 42.314 ng  
RT: 8.443 min Scan# 911  
Delta R.T. -0.003 min  
Lab File: BG064676.D  
Acq: 3 Nov 2025 17:19

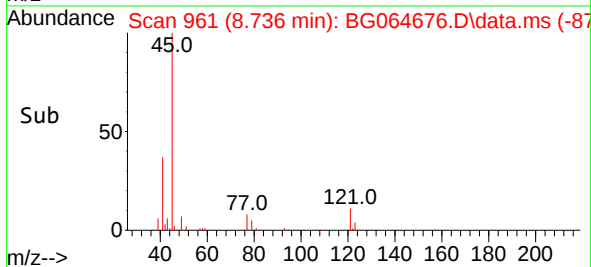
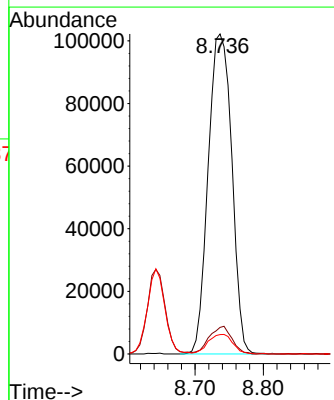
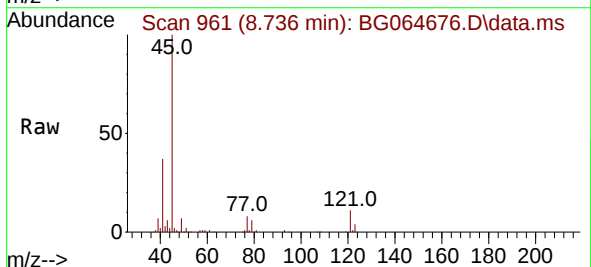
Instrument :  
BNA\_G  
ClientSampleId :  
PB170216BS

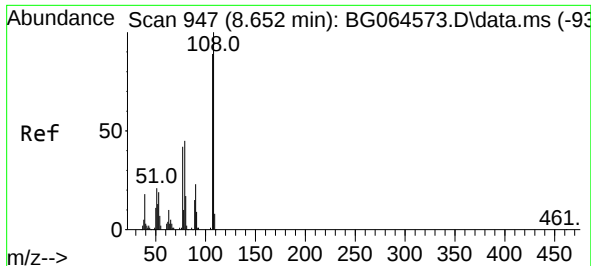
Tgt Ion: 79 Resp: 104589  
Ion Ratio Lower Upper  
79 100  
108 74.0 58.1 87.1  
77 67.4 52.8 79.2



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 38.474 ng  
RT: 8.736 min Scan# 961  
Delta R.T. -0.003 min  
Lab File: BG064676.D  
Acq: 3 Nov 2025 17:19

Tgt Ion: 45 Resp: 245962  
Ion Ratio Lower Upper  
45 100  
77 8.3 0.0 28.5  
79 6.1 0.0 25.6





#17

2-Methylphenol

Concen: 43.365 ng

RT: 8.642 min Scan# 947

Delta R.T. -0.009 min

Lab File: BG064676.D

Acq: 3 Nov 2025 17:19

Instrument :

BNA\_G

ClientSampleId :

PB170216BS

Tgt Ion:107 Resp: 95442

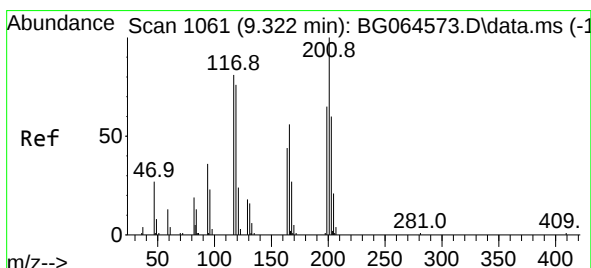
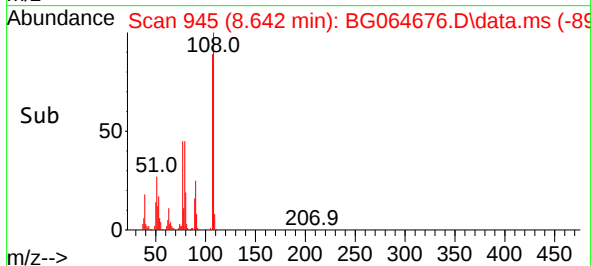
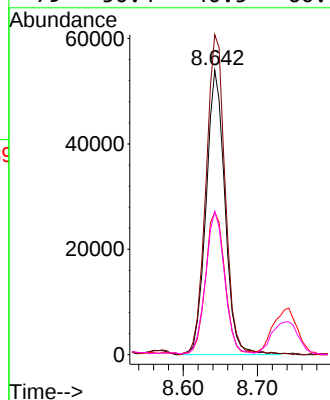
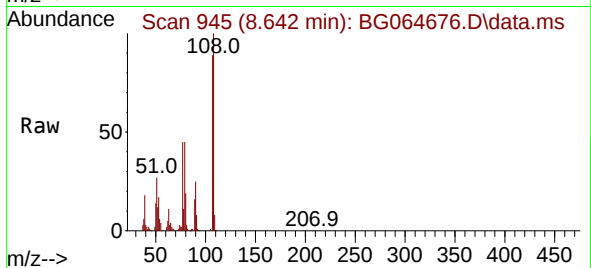
Ion Ratio Lower Upper

107 100

108 112.5 90.0 135.0

77 50.0 37.8 56.8

79 50.4 40.5 60.7



#18

Hexachloroethane

Concen: 42.051 ng

RT: 9.306 min Scan# 1058

Delta R.T. -0.015 min

Lab File: BG064676.D

Acq: 3 Nov 2025 17:19

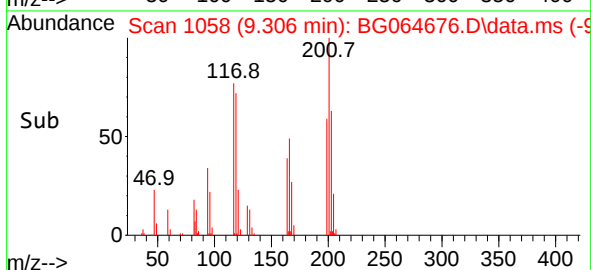
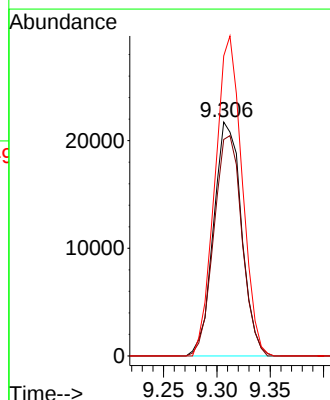
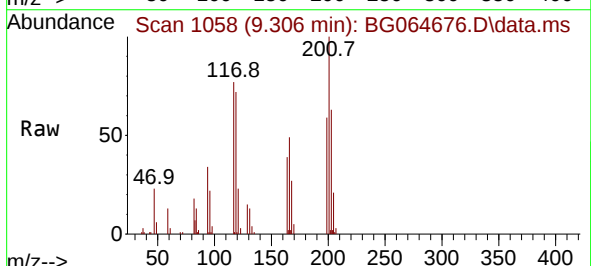
Tgt Ion:117 Resp: 39486

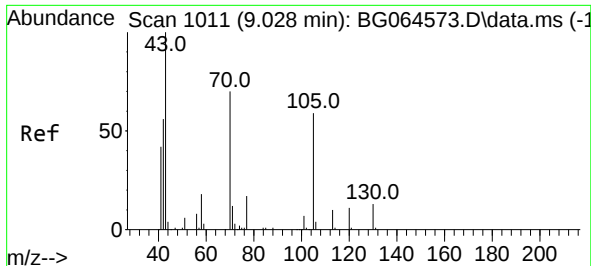
Ion Ratio Lower Upper

117 100

119 93.5 75.4 113.2

201 128.2 99.2 148.8

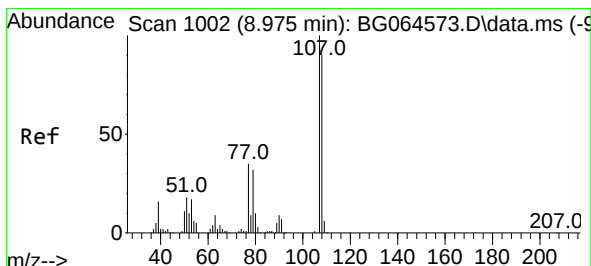
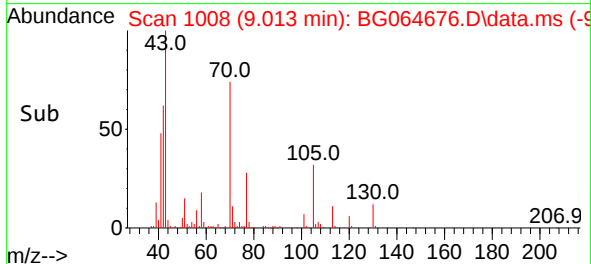
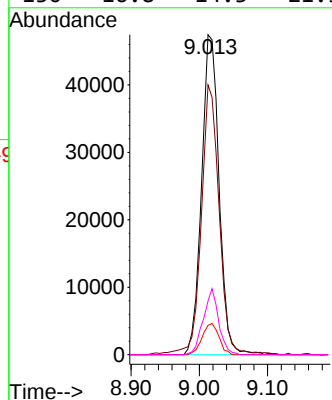
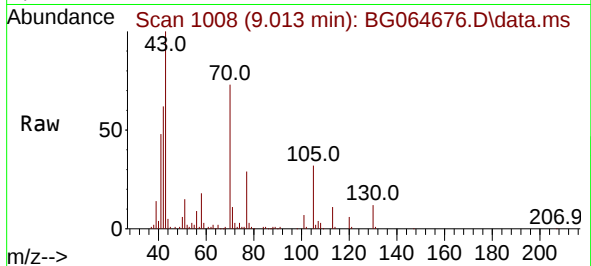




#19  
n-Nitroso-di-n-propylamine  
Concen: 40.770 ng  
RT: 9.013 min Scan# 1008  
Delta R.T. -0.015 min  
Lab File: BG064676.D  
Acq: 3 Nov 2025 17:19

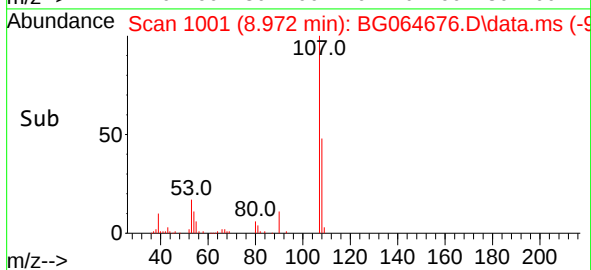
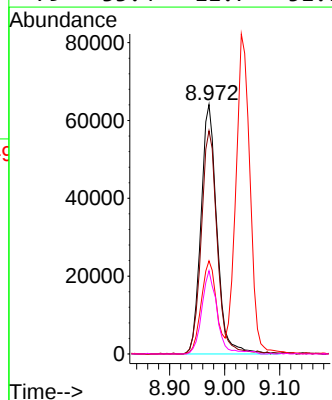
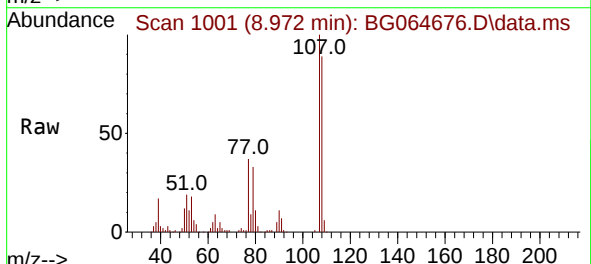
Instrument :  
BNA\_G  
ClientSampleId :  
PB170216BS

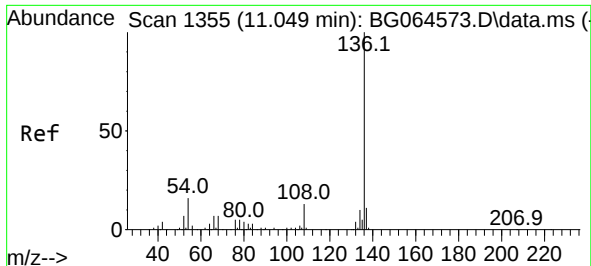
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 70    | Resp: | 84457 |
| Ion      | Ratio | Lower | Upper |
| 70       | 100   |       |       |
| 42       | 84.3  | 65.2  | 97.8  |
| 101      | 9.1   | 7.9   | 11.9  |
| 130      | 16.8  | 14.3  | 21.5  |



#20  
3+4-Methylphenols  
Concen: 41.799 ng  
RT: 8.972 min Scan# 1001  
Delta R.T. -0.003 min  
Lab File: BG064676.D  
Acq: 3 Nov 2025 17:19

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 129377 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 89.5  | 70.3  | 110.3  |
| 77       | 37.4  | 14.6  | 54.6   |
| 79       | 33.4  | 11.7  | 51.7   |

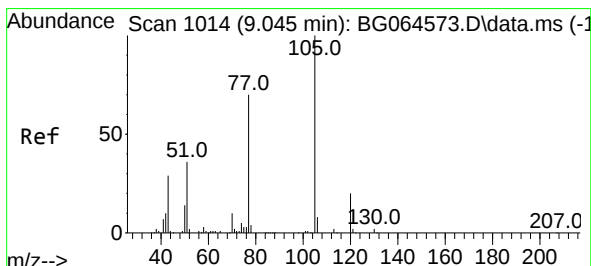
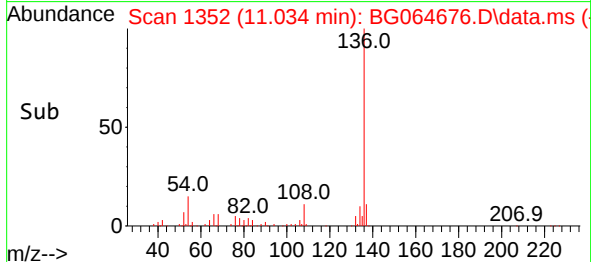
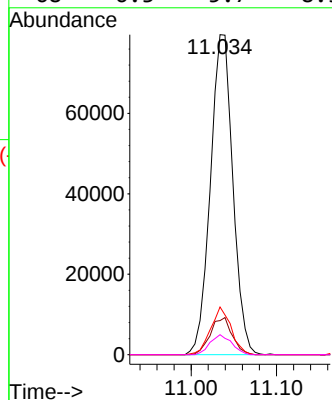
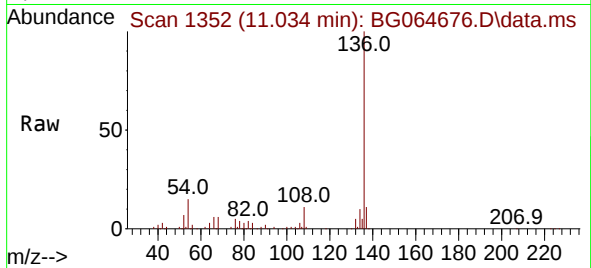




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 11.034 min Scan# 11  
Delta R.T. -0.015 min  
Lab File: BG064676.D  
Acq: 3 Nov 2025 17:19

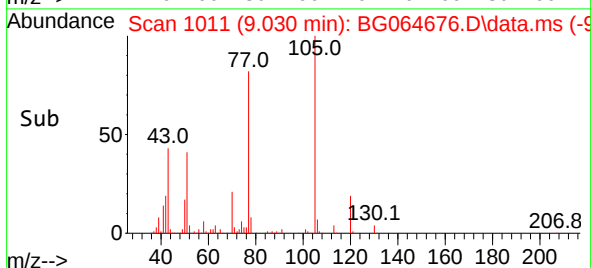
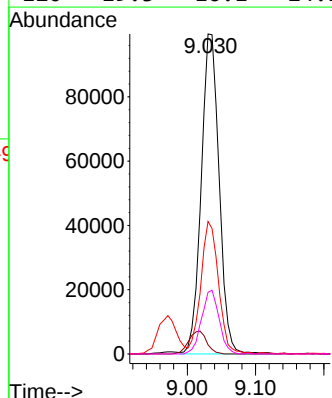
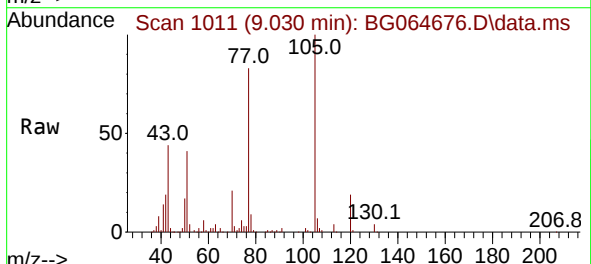
Instrument :  
BNA\_G  
ClientSampleId :  
PB170216BS

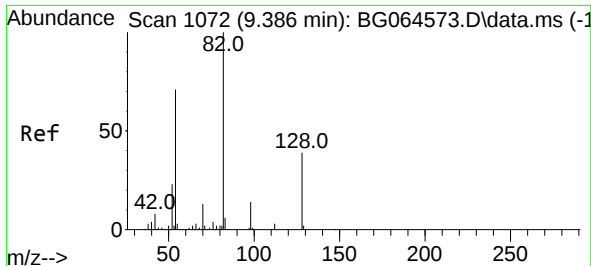
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 136   | Resp: | 145545 |
| Ion Ratio | Lower | Upper |        |
| 136       | 100   |       |        |
| 137       | 10.6  | 9.2   | 13.8   |
| 54        | 14.9  | 12.6  | 19.0   |
| 68        | 6.3   | 5.7   | 8.5    |



#22  
Acetophenone  
Concen: 45.813 ng  
RT: 9.030 min Scan# 1011  
Delta R.T. -0.015 min  
Lab File: BG064676.D  
Acq: 3 Nov 2025 17:19

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 105   | Resp: | 182271 |
| Ion Ratio | Lower | Upper |        |
| 105       | 100   |       |        |
| 71        | 2.8   | 1.5   | 2.3    |
| 51        | 41.4  | 33.7  | 50.5   |
| 120       | 19.3  | 16.1  | 24.1   |





#23

Nitrobenzene-d5

Concen: 92.821 ng

RT: 9.377 min Scan# 1070

Delta R.T. -0.009 min

Lab File: BG064676.D

Acq: 3 Nov 2025 17:19

Instrument :

BNA\_G

ClientSampleId :

PB170216BS

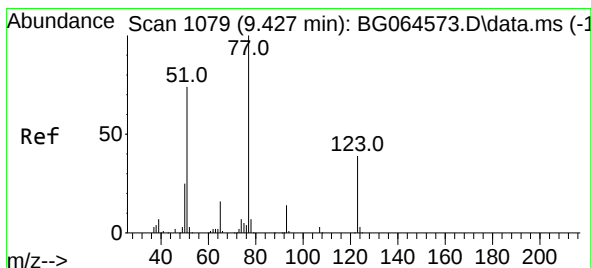
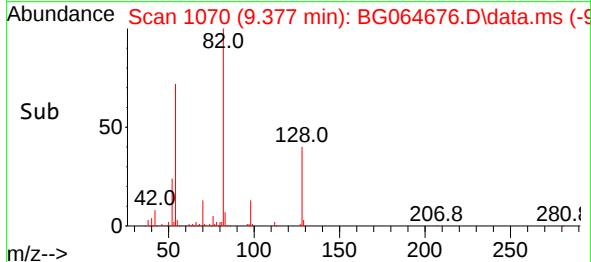
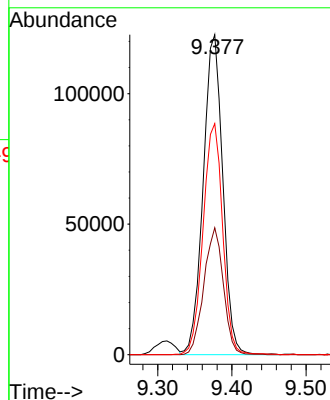
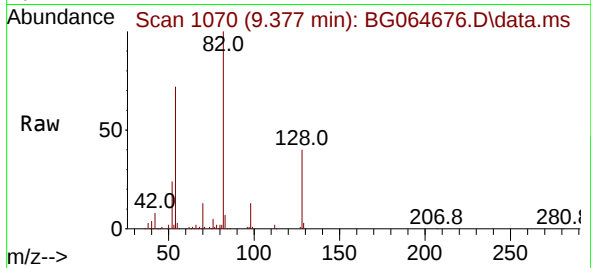
Tgt Ion: 82 Resp: 224926

Ion Ratio Lower Upper

82 100

128 39.7 31.3 46.9

54 72.2 56.6 84.8



#24

Nitrobenzene

Concen: 47.020 ng

RT: 9.418 min Scan# 1077

Delta R.T. -0.009 min

Lab File: BG064676.D

Acq: 3 Nov 2025 17:19

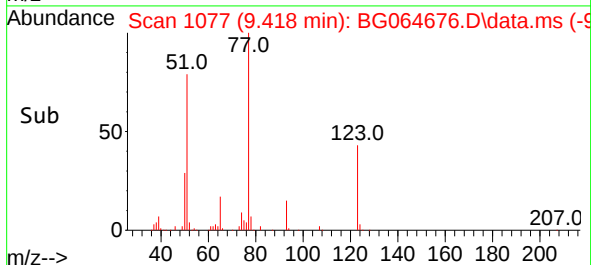
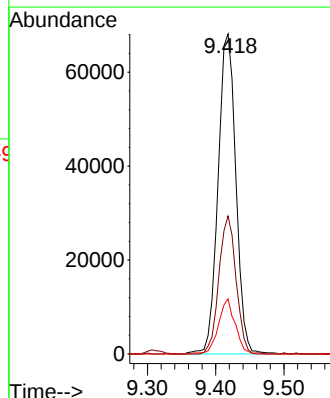
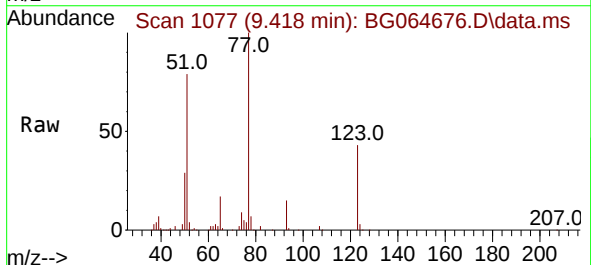
Tgt Ion: 77 Resp: 123927

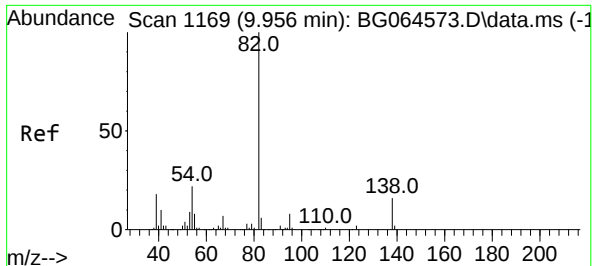
Ion Ratio Lower Upper

77 100

123 43.1 31.0 46.6

65 17.3 12.7 19.1

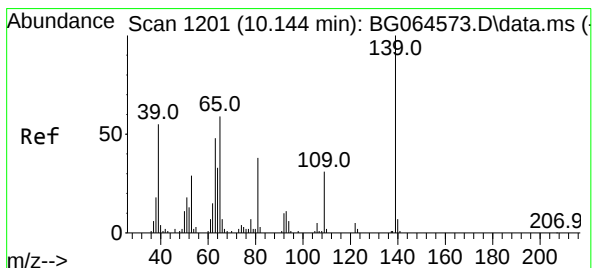
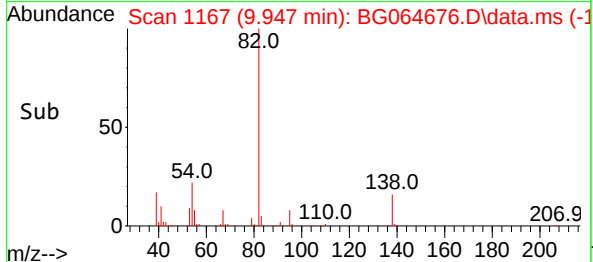
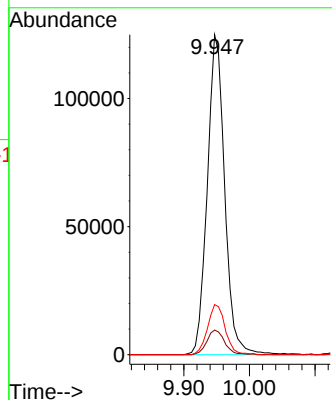
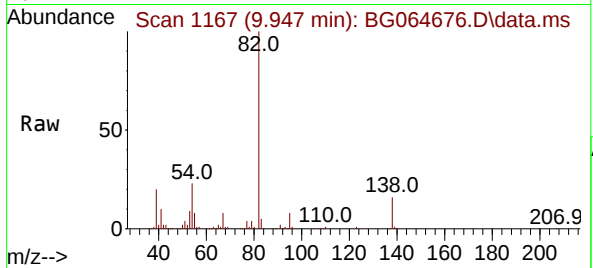




#25  
Isophorone  
Concen: 39.625 ng  
RT: 9.947 min Scan# 1169  
Delta R.T. -0.009 min  
Lab File: BG064676.D  
Acq: 3 Nov 2025 17:19

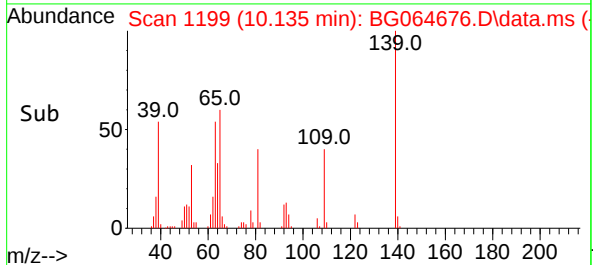
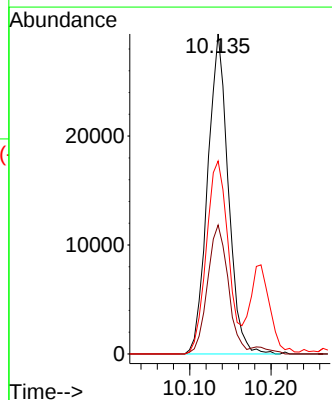
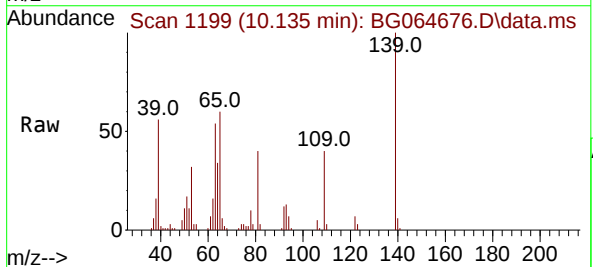
Instrument :  
BNA\_G  
ClientSampleId :  
PB170216BS

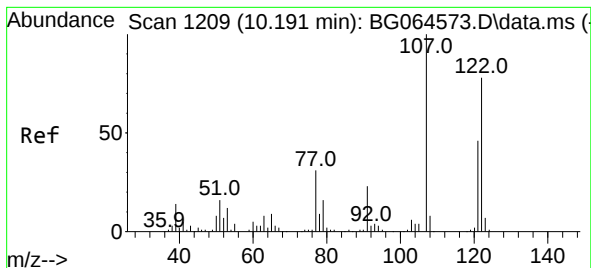
Tgt Ion: 82 Resp: 230404  
Ion Ratio Lower Upper  
82 100  
95 7.7 6.1 9.1  
138 15.7 13.0 19.4



#26  
2-Nitrophenol  
Concen: 50.613 ng  
RT: 10.135 min Scan# 1199  
Delta R.T. -0.009 min  
Lab File: BG064676.D  
Acq: 3 Nov 2025 17:19

Tgt Ion:139 Resp: 51655  
Ion Ratio Lower Upper  
139 100  
109 40.3 24.6 37.0#  
65 60.3 47.5 71.3

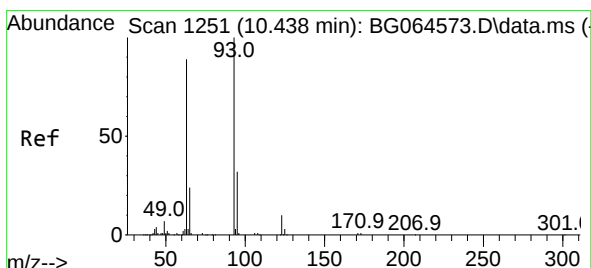
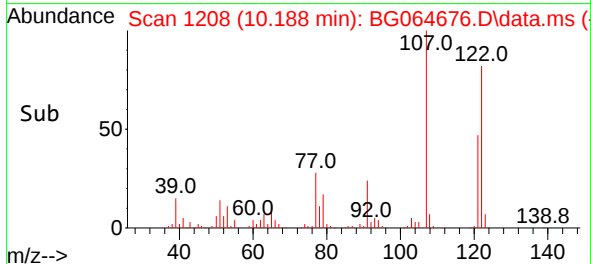
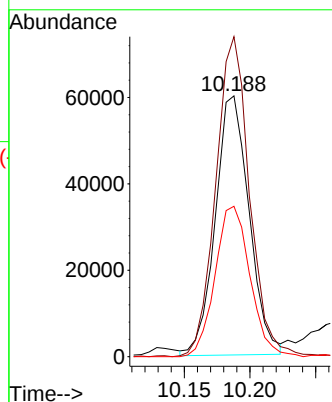
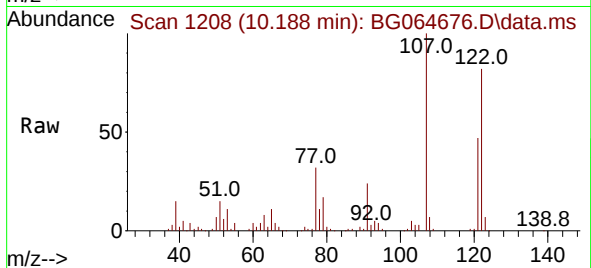




#27  
2,4-Dimethylphenol  
Concen: 49.689 ng  
RT: 10.188 min Scan# 11  
Delta R.T. -0.003 min  
Lab File: BG064676.D  
Acq: 3 Nov 2025 17:19

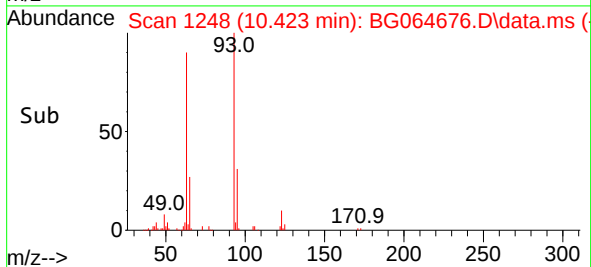
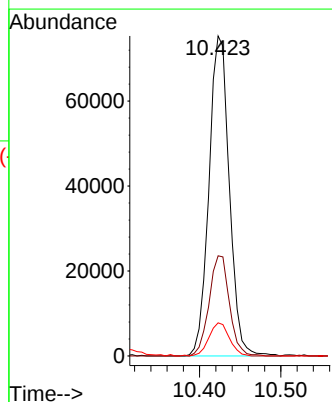
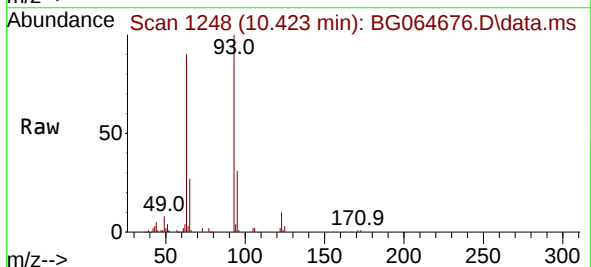
Instrument :  
BNA\_G  
ClientSampleId :  
PB170216BS

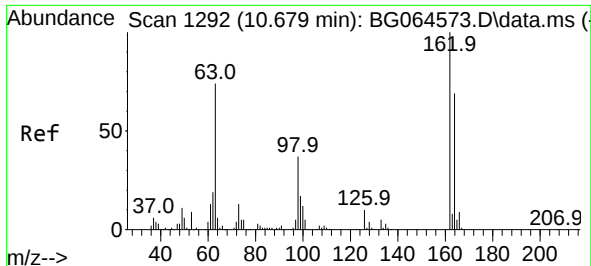
Tgt Ion:122 Resp: 107472  
Ion Ratio Lower Upper  
122 100  
107 122.7 103.0 154.4  
121 57.7 47.8 71.8



#28  
bis(2-Chloroethoxy)methane  
Concen: 39.555 ng  
RT: 10.423 min Scan# 1248  
Delta R.T. -0.015 min  
Lab File: BG064676.D  
Acq: 3 Nov 2025 17:19

Tgt Ion: 93 Resp: 130953  
Ion Ratio Lower Upper  
93 100  
95 31.3 25.4 38.2  
123 10.4 8.4 12.6





#29

2,4-Dichlorophenol

Concen: 49.104 ng

RT: 10.675 min Scan# 1

Delta R.T. -0.003 min

Lab File: BG064676.D

Acq: 3 Nov 2025 17:19

Instrument :

BNA\_G

ClientSampleId :

PB170216BS

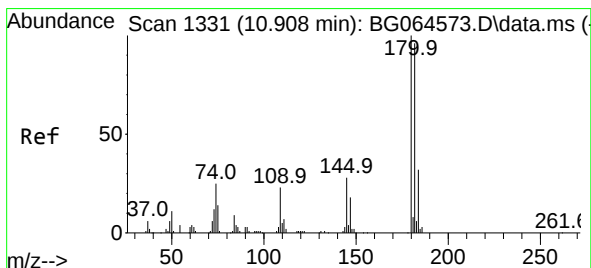
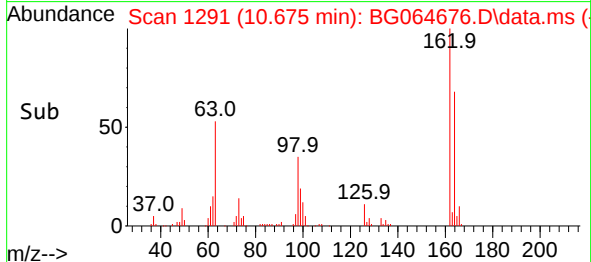
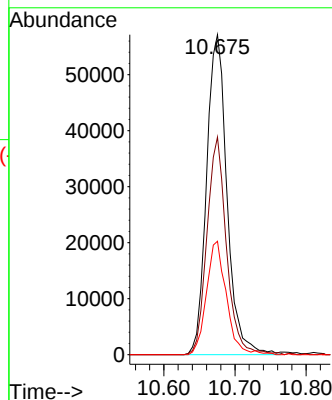
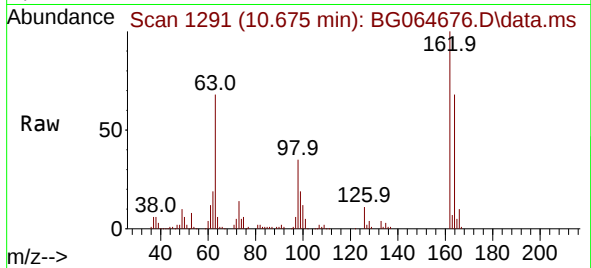
Tgt Ion:162 Resp: 114298

Ion Ratio Lower Upper

162 100

164 68.0 48.7 88.7

98 35.4 16.9 56.9



#30

1,2,4-Trichlorobenzene

Concen: 45.992 ng

RT: 10.893 min Scan# 1328

Delta R.T. -0.015 min

Lab File: BG064676.D

Acq: 3 Nov 2025 17:19

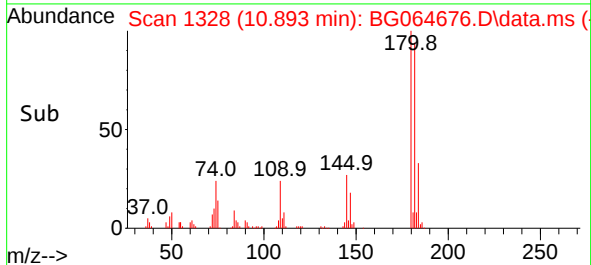
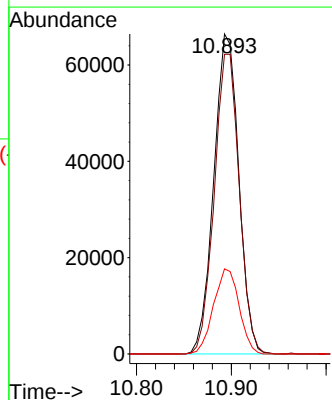
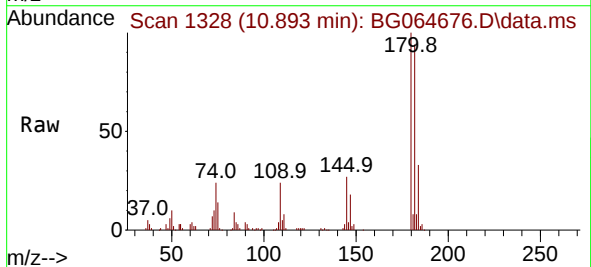
Tgt Ion:180 Resp: 121635

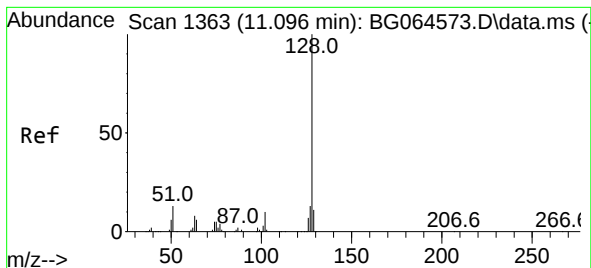
Ion Ratio Lower Upper

180 100

182 93.6 76.9 115.3

145 26.6 22.1 33.1





#31

Naphthalene

Concen: 41.495 ng

RT: 11.087 min Scan# 11

Delta R.T. -0.009 min

Lab File: BG064676.D

Acq: 3 Nov 2025 17:19

Instrument :

BNA\_G

ClientSampleId :

PB170216BS

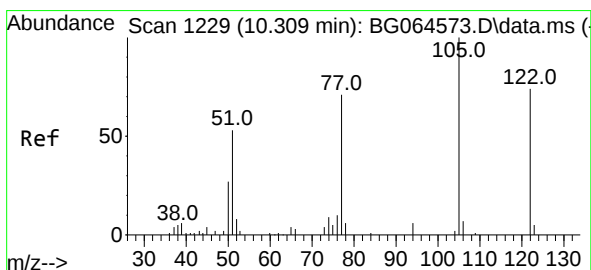
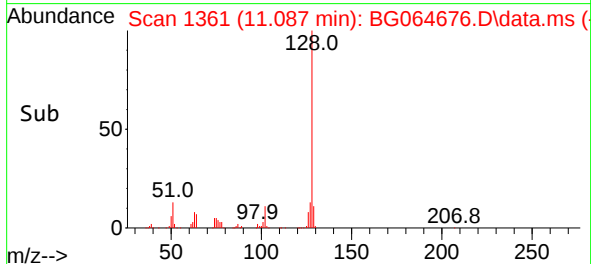
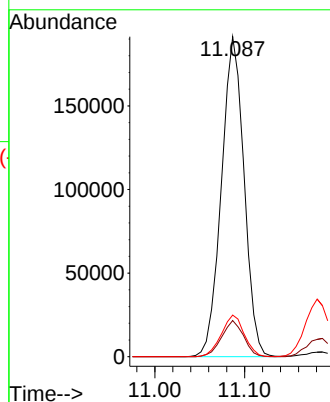
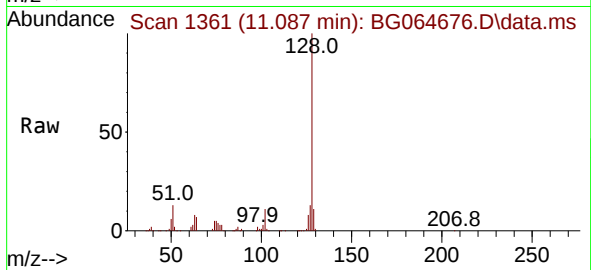
Tgt Ion:128 Resp: 334845

Ion Ratio Lower Upper

128 100

129 11.3 8.8 13.2

127 13.0 10.6 15.8



#32

Benzoic acid

Concen: 43.592 ng

RT: 10.323 min Scan# 1231

Delta R.T. 0.014 min

Lab File: BG064676.D

Acq: 3 Nov 2025 17:19

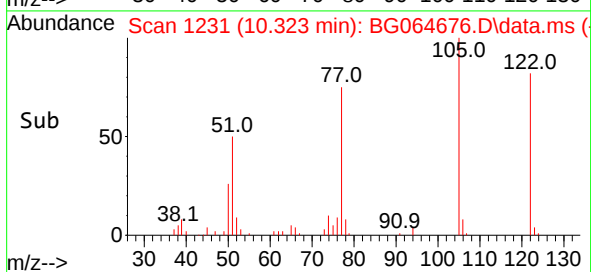
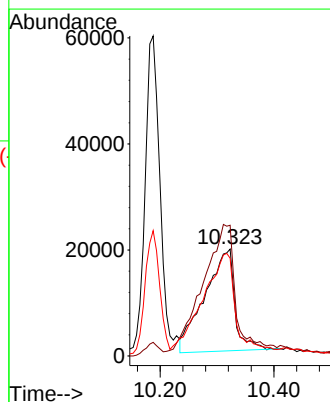
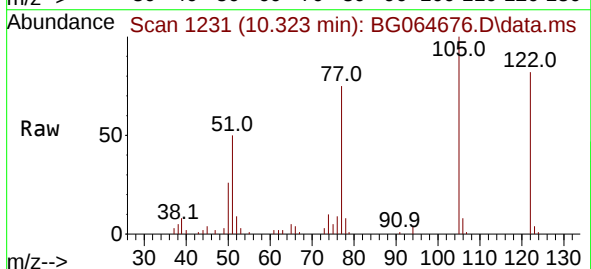
Tgt Ion:122 Resp: 70788

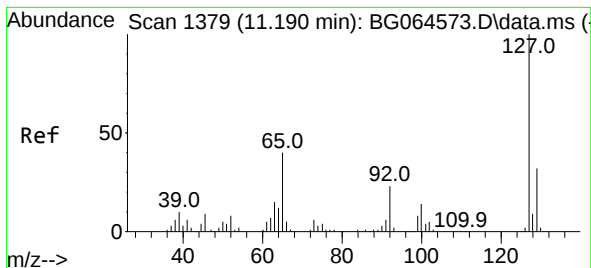
Ion Ratio Lower Upper

122 100

105 122.3 104.2 144.2

77 91.4 70.2 110.2

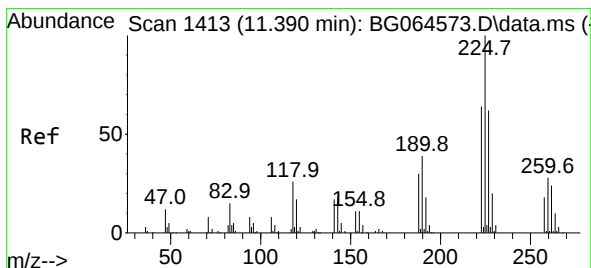
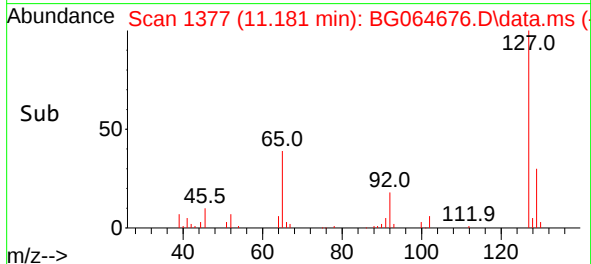
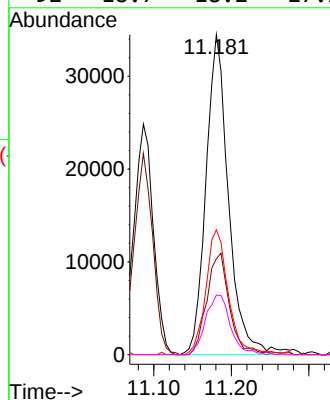
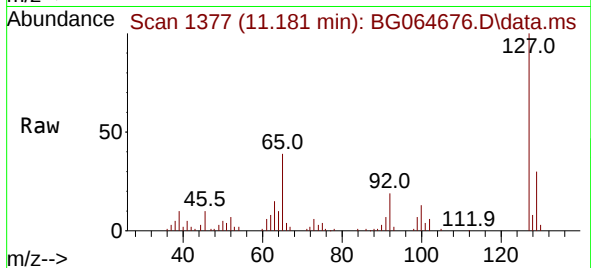




#33  
4-Chloroaniline  
Concen: 22.170 ng  
RT: 11.181 min Scan# 11  
Delta R.T. -0.009 min  
Lab File: BG064676.D  
Acq: 3 Nov 2025 17:19

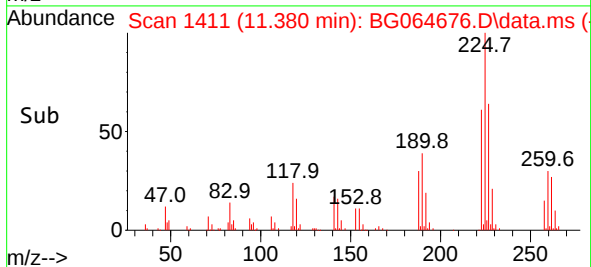
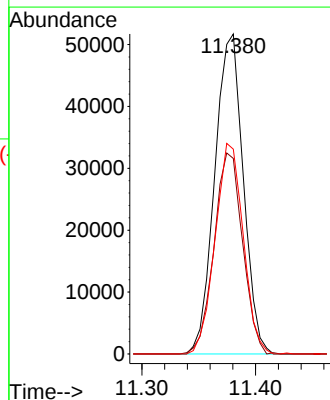
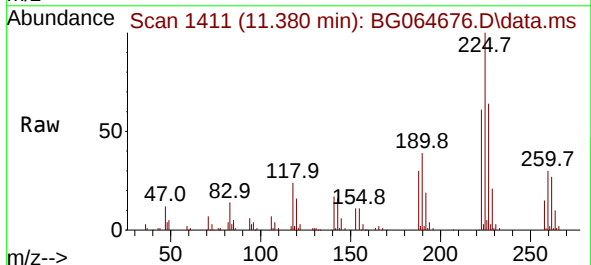
Instrument :  
BNA\_G  
ClientSampleId :  
PB170216BS

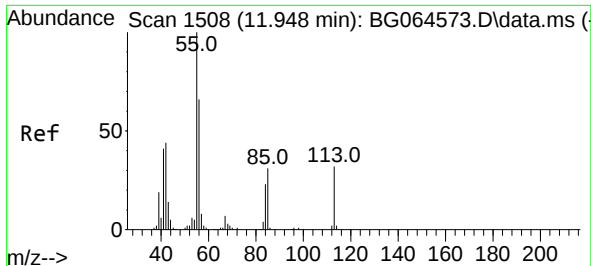
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 127   | Resp: | 69535 |
| Ion      | Ratio | Lower | Upper |
| 127      | 100   |       |       |
| 129      | 30.0  | 25.5  | 38.3  |
| 65       | 39.0  | 32.2  | 48.4  |
| 92       | 18.7  | 18.2  | 27.2  |



#34  
Hexachlorobutadiene  
Concen: 43.553 ng  
RT: 11.380 min Scan# 1411  
Delta R.T. -0.009 min  
Lab File: BG064676.D  
Acq: 3 Nov 2025 17:19

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 225   | Resp: | 90080 |
| Ion      | Ratio | Lower | Upper |
| 225      | 100   |       |       |
| 223      | 58.4  | 48.8  | 73.2  |
| 227      | 61.2  | 49.5  | 74.3  |

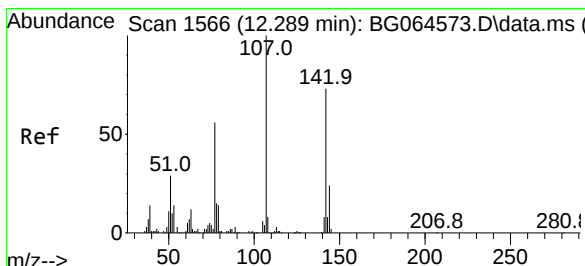
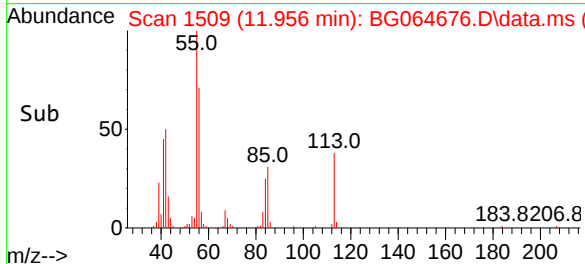
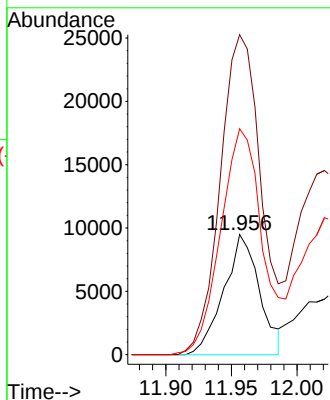
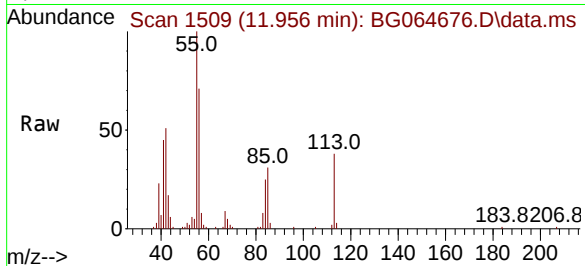




#35  
Caprolactam  
Concen: 20.115 ng  
RT: 11.956 min Scan# 1195  
Delta R.T. 0.008 min  
Lab File: BG064676.D  
Acq: 3 Nov 2025 17:19

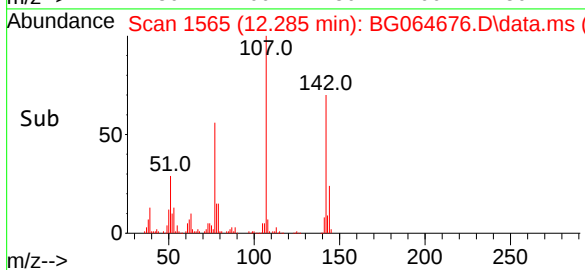
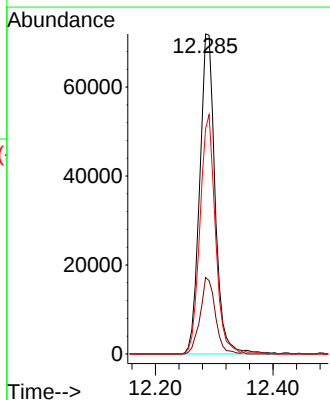
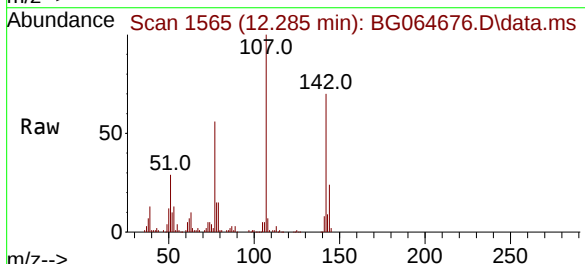
Instrument :  
BNA\_G  
ClientSampleId :  
PB170216BS

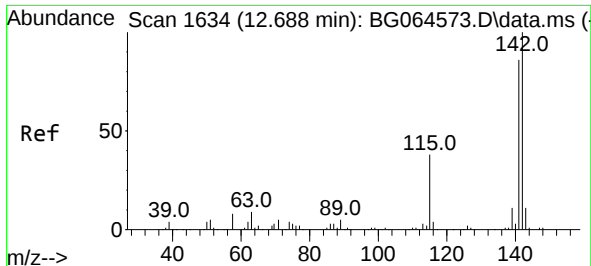
Tgt Ion:113 Resp: 17958  
Ion Ratio Lower Upper  
113 100  
55 266.4 290.1 330.1#  
56 188.0 183.8 223.8



#36  
4-Chloro-3-methylphenol  
Concen: 46.753 ng  
RT: 12.285 min Scan# 1565  
Delta R.T. -0.003 min  
Lab File: BG064676.D  
Acq: 3 Nov 2025 17:19

Tgt Ion:107 Resp: 130812  
Ion Ratio Lower Upper  
107 100  
144 23.9 19.1 28.7  
142 70.2 58.6 87.8

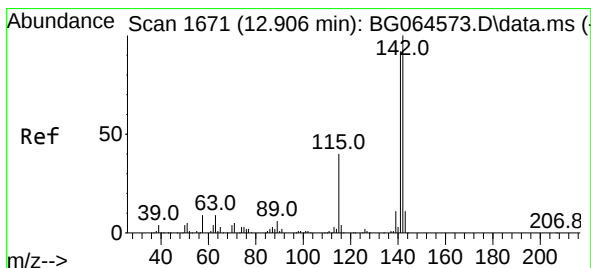
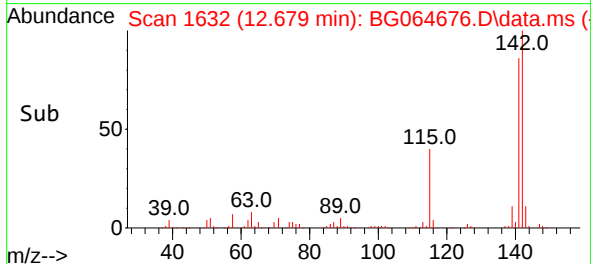
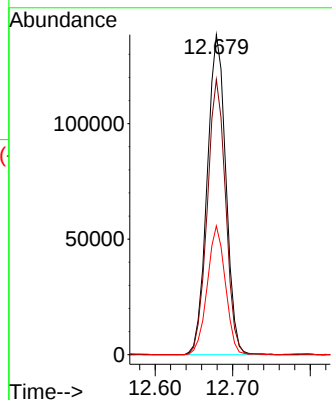
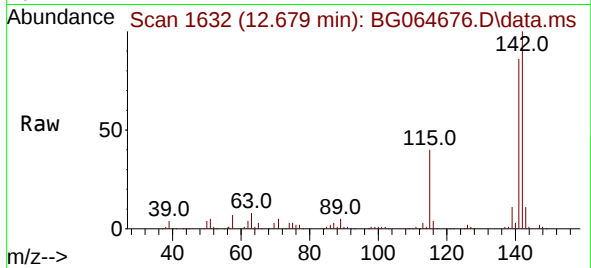




#37  
2-Methylnaphthalene  
Concen: 39.067 ng  
RT: 12.679 min Scan# 1  
Delta R.T. -0.009 min  
Lab File: BG064676.D  
Acq: 3 Nov 2025 17:19

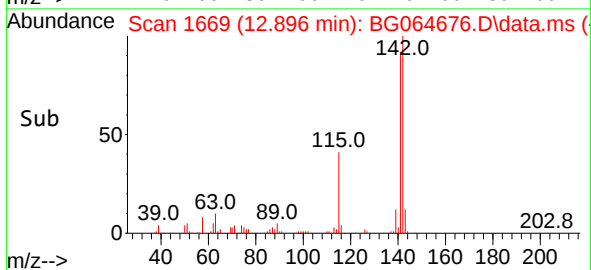
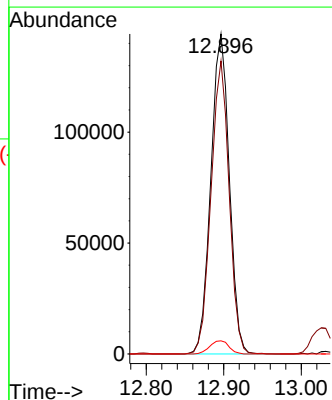
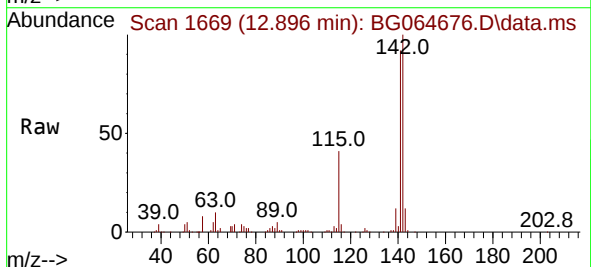
Instrument :  
BNA\_G  
ClientSampleId :  
PB170216BS

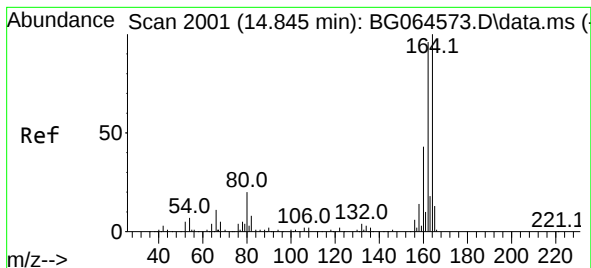
Tgt Ion:142 Resp: 231452  
Ion Ratio Lower Upper  
142 100  
141 86.0 68.9 103.3  
115 40.2 30.6 46.0



#38  
1-Methylnaphthalene  
Concen: 40.800 ng  
RT: 12.896 min Scan# 1669  
Delta R.T. -0.009 min  
Lab File: BG064676.D  
Acq: 3 Nov 2025 17:19

Tgt Ion:142 Resp: 239296  
Ion Ratio Lower Upper  
142 100  
141 91.6 73.3 109.9  
116 4.1 3.1 4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.835 min Scan# 1999

Delta R.T. -0.009 min

Lab File: BG064676.D

Acq: 3 Nov 2025 17:19

Instrument :

BNA\_G

ClientSampleId :

PB170216BS

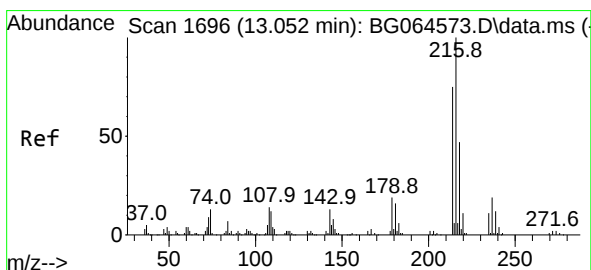
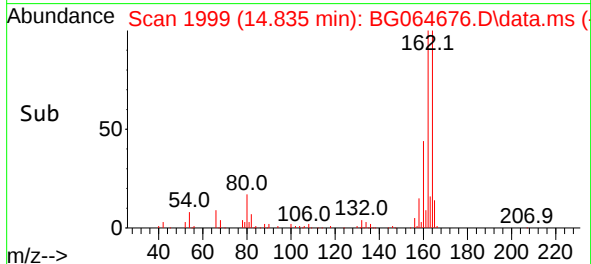
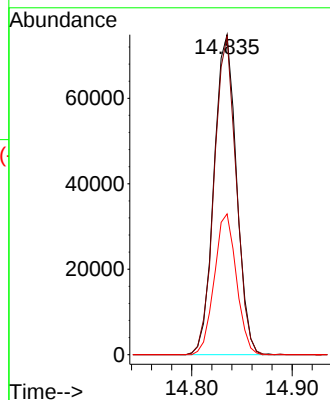
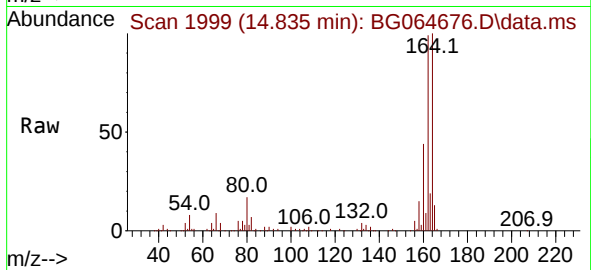
Tgt Ion:164 Resp: 116501

Ion Ratio Lower Upper

164 100

162 99.5 77.0 115.6

160 44.0 34.4 51.6



#40

1,2,4,5-Tetrachlorobenzene

Concen: 47.785 ng

RT: 13.043 min Scan# 1694

Delta R.T. -0.009 min

Lab File: BG064676.D

Acq: 3 Nov 2025 17:19

Tgt Ion:216 Resp: 186832

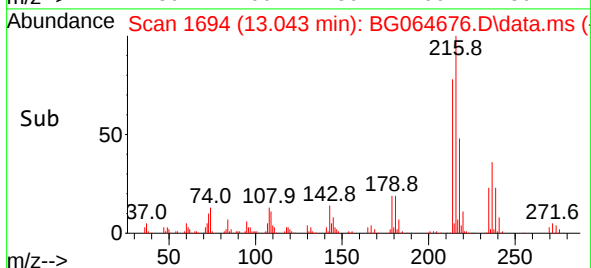
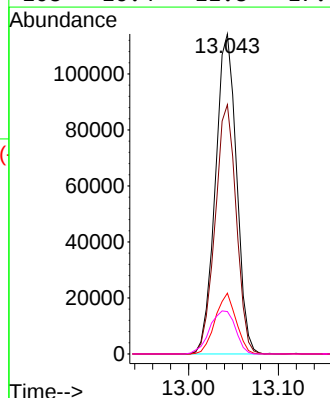
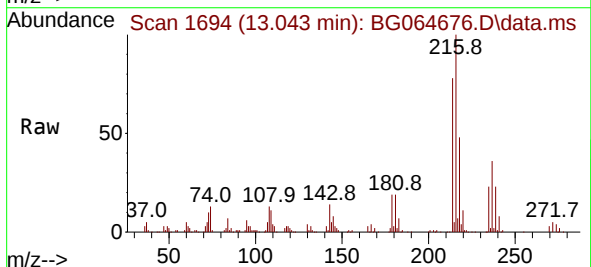
Ion Ratio Lower Upper

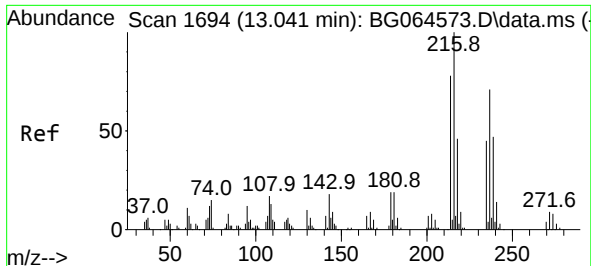
216 100

214 77.5 61.4 92.2

179 18.7 15.4 23.0

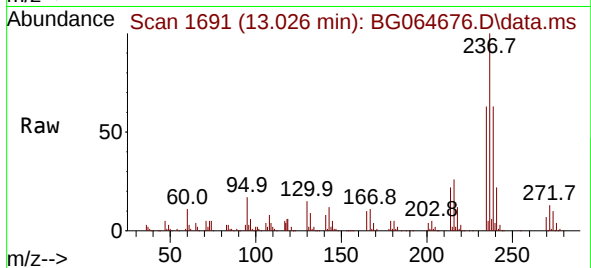
108 16.4 11.8 17.6



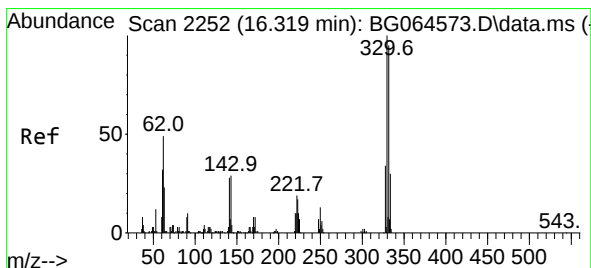
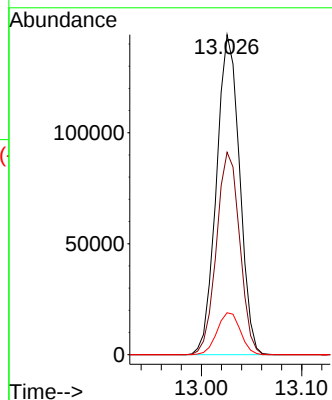
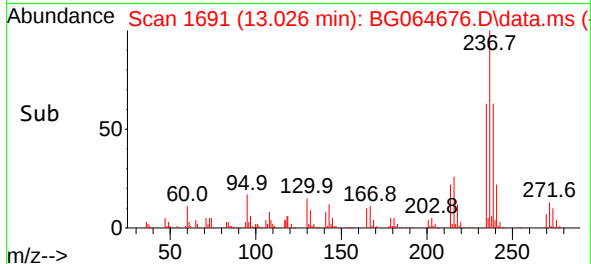


#41  
Hexachlorocyclopentadiene  
Concen: 131.068 ng  
RT: 13.026 min Scan# 1  
Delta R.T. -0.015 min  
Lab File: BG064676.D  
Acq: 3 Nov 2025 17:19

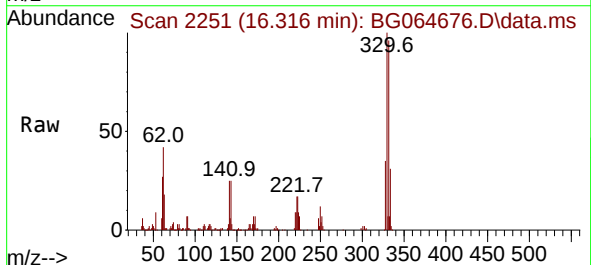
Instrument :  
BNA\_G  
ClientSampleId :  
PB170216BS



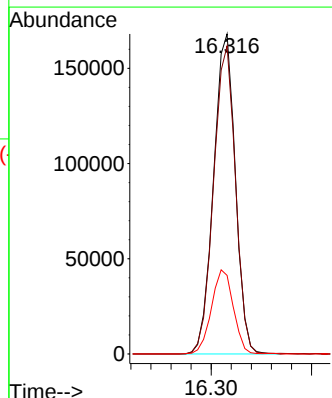
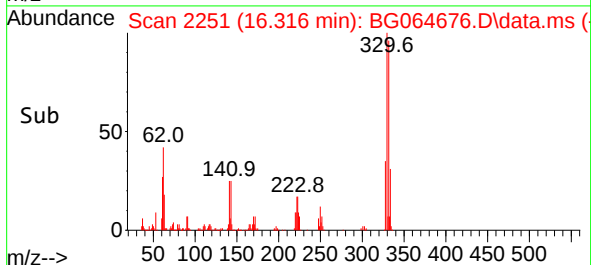
Tgt Ion:237 Resp: 230660  
Ion Ratio Lower Upper  
237 100  
235 63.2 44.1 84.1  
272 13.1 0.0 32.4

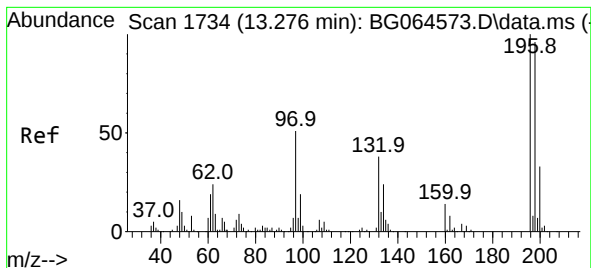


#42  
2,4,6-Tribromophenol  
Concen: 150.108 ng  
RT: 16.316 min Scan# 2251  
Delta R.T. -0.003 min  
Lab File: BG064676.D  
Acq: 3 Nov 2025 17:19



Tgt Ion:330 Resp: 252401  
Ion Ratio Lower Upper  
330 100  
332 96.9 78.0 117.0  
141 26.5 21.8 32.6





#43

2,4,6-Trichlorophenol

Concen: 51.168 ng

RT: 13.272 min Scan# 1

Delta R.T. -0.003 min

Lab File: BG064676.D

Acq: 3 Nov 2025 17:19

Instrument :

BNA\_G

ClientSampleId :

PB170216BS

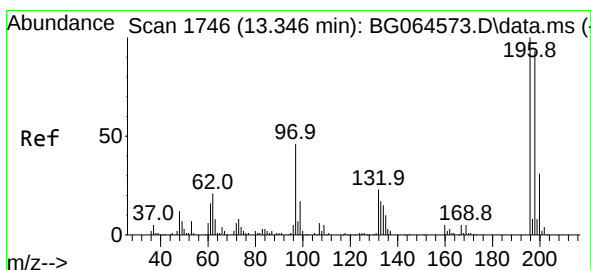
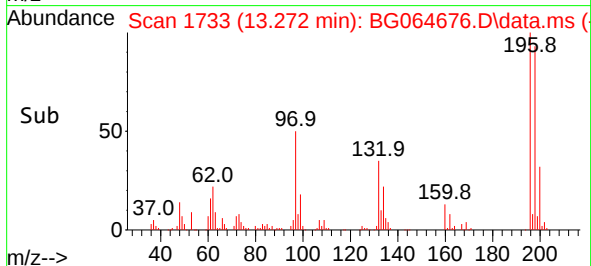
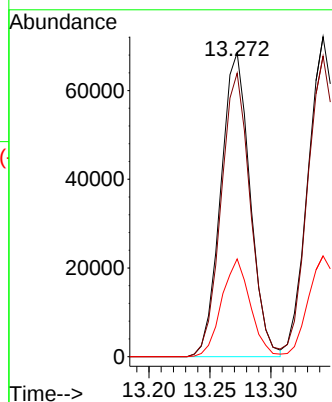
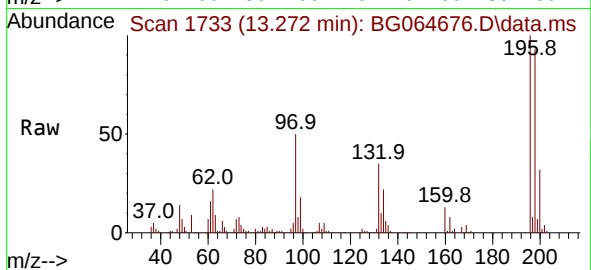
Tgt Ion:196 Resp: 114435

Ion Ratio Lower Upper

196 100

198 93.3 76.6 115.0

200 32.1 26.0 39.0



#44

2,4,5-Trichlorophenol

Concen: 48.910 ng

RT: 13.343 min Scan# 1745

Delta R.T. -0.003 min

Lab File: BG064676.D

Acq: 3 Nov 2025 17:19

Tgt Ion:196 Resp: 126231

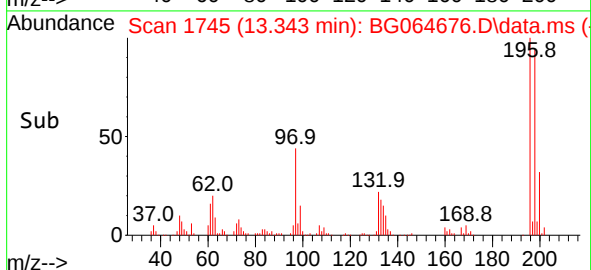
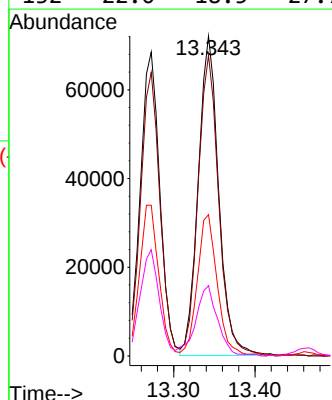
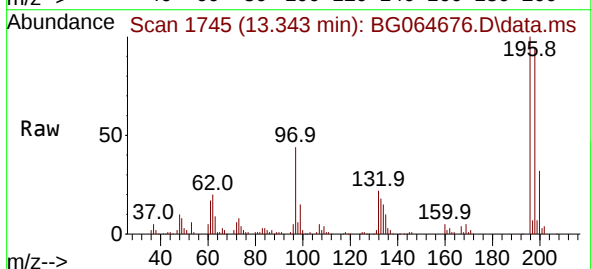
Ion Ratio Lower Upper

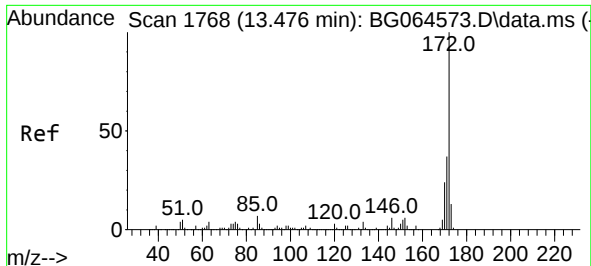
196 100

198 93.9 74.2 111.4

97 44.2 37.0 55.6

132 22.0 18.5 27.7

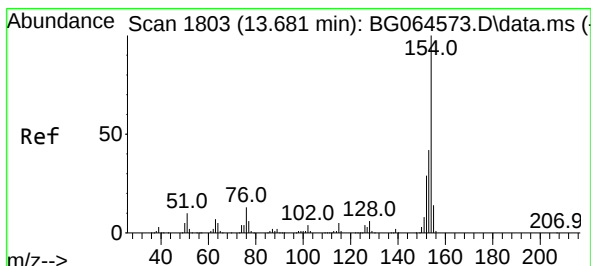
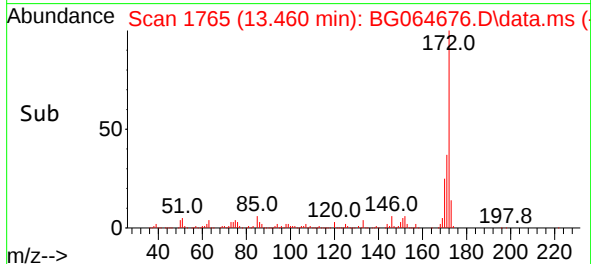
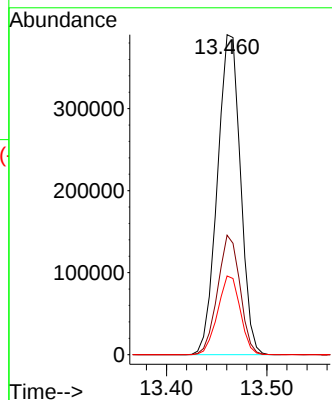
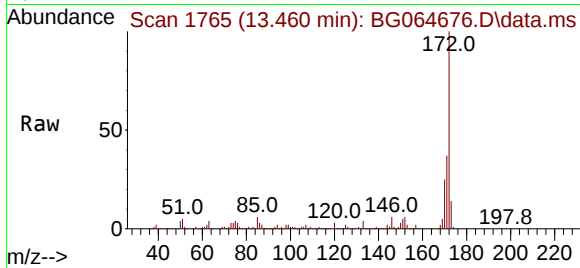




#45  
2-Fluorobiphenyl  
Concen: 80.937 ng  
RT: 13.460 min Scan# 11  
Delta R.T. -0.015 min  
Lab File: BG064676.D  
Acq: 3 Nov 2025 17:19

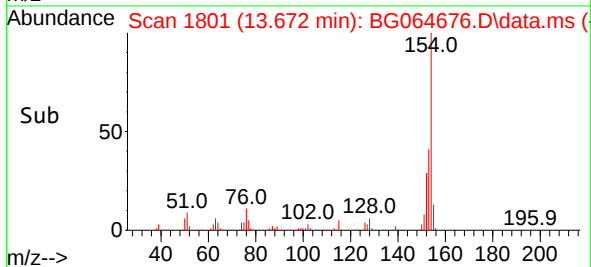
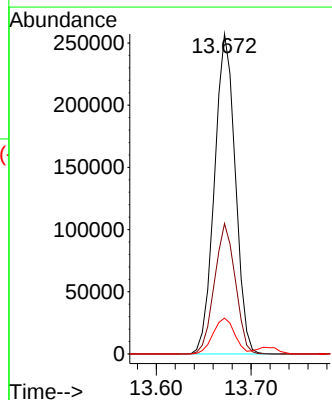
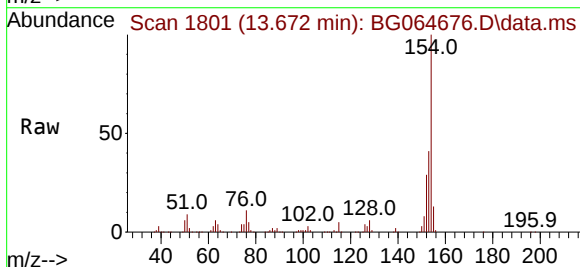
Instrument :  
BNA\_G  
ClientSampleId :  
PB170216BS

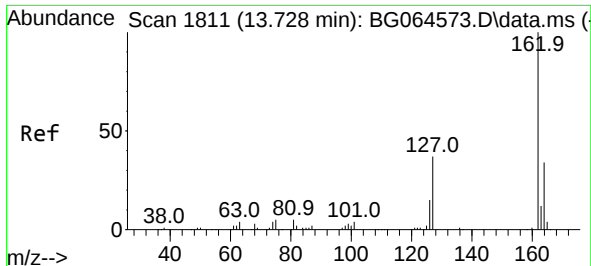
Tgt Ion:172 Resp: 622088  
Ion Ratio Lower Upper  
172 100  
171 37.4 29.4 44.0  
170 24.6 19.1 28.7



#46  
1,1'-Biphenyl  
Concen: 47.380 ng  
RT: 13.672 min Scan# 1801  
Delta R.T. -0.009 min  
Lab File: BG064676.D  
Acq: 3 Nov 2025 17:19

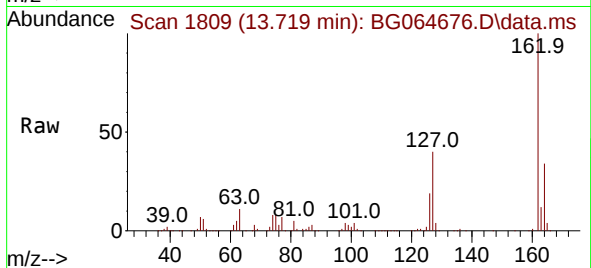
Tgt Ion:154 Resp: 392423  
Ion Ratio Lower Upper  
154 100  
153 40.8 22.4 62.4  
76 11.2 0.0 33.5



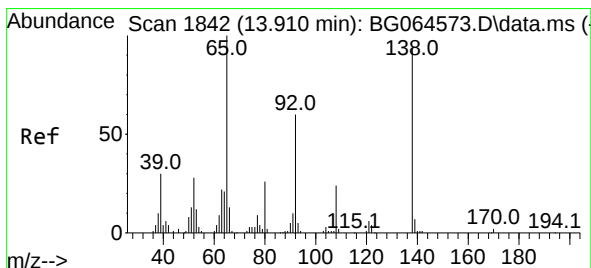
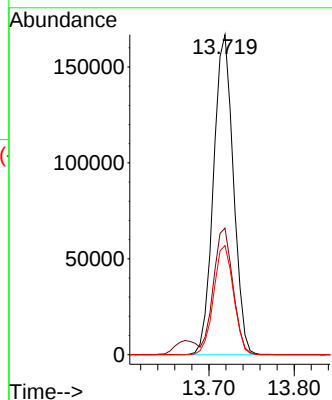
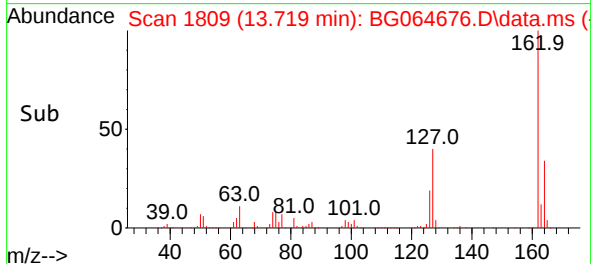


#47  
2-Chloronaphthalene  
Concen: 43.180 ng  
RT: 13.719 min Scan# 1809  
Delta R.T. -0.009 min  
Lab File: BG064676.D  
Acq: 3 Nov 2025 17:19

Instrument :  
BNA\_G  
ClientSampleId :  
PB170216BS

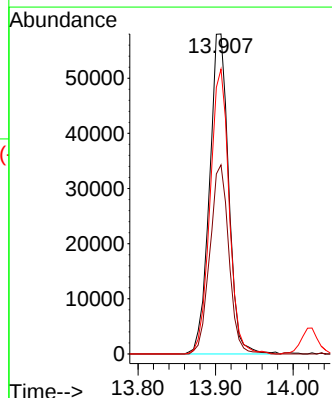
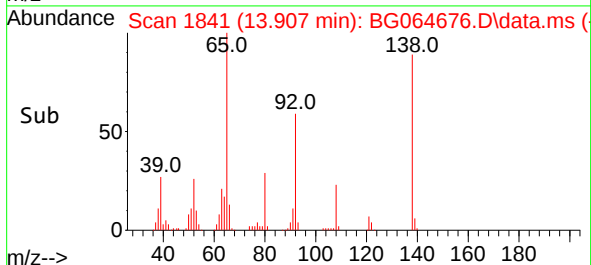
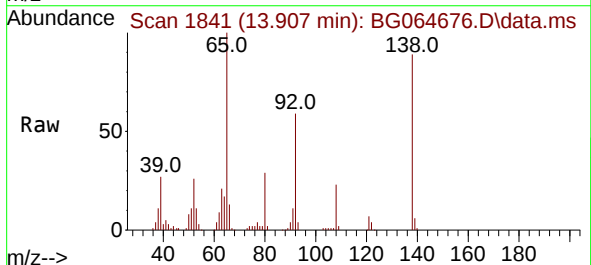


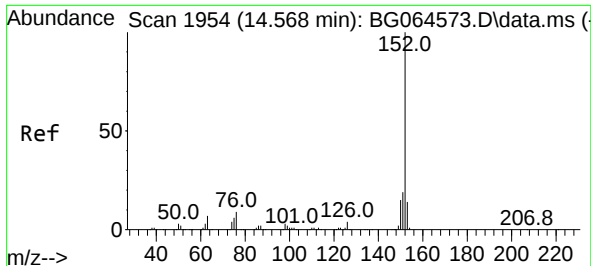
Tgt Ion:162 Resp: 269956  
Ion Ratio Lower Upper  
162 100  
127 39.5 32.2 48.2  
164 34.1 27.5 41.3



#48  
2-Nitroaniline  
Concen: 47.519 ng  
RT: 13.907 min Scan# 1841  
Delta R.T. -0.003 min  
Lab File: BG064676.D  
Acq: 3 Nov 2025 17:19

Tgt Ion: 65 Resp: 99659  
Ion Ratio Lower Upper  
65 100  
92 59.1 48.3 72.5  
138 89.0 74.9 112.3

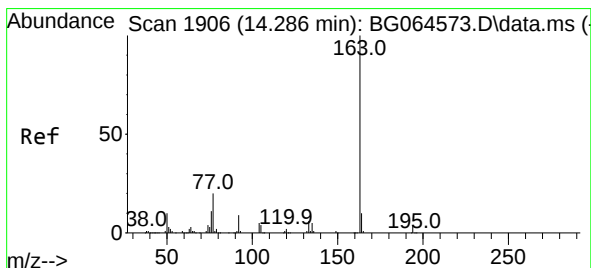
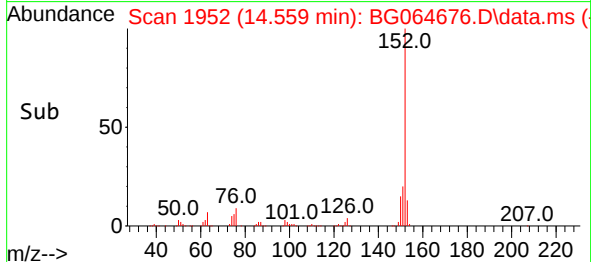
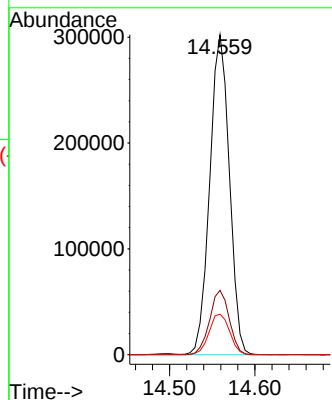
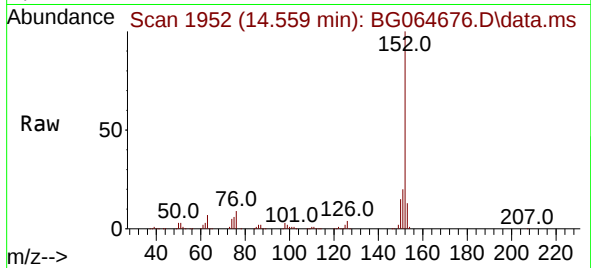




#49  
Acenaphthylene  
Concen: 48.889 ng  
RT: 14.559 min Scan# 1952  
Delta R.T. -0.009 min  
Lab File: BG064676.D  
Acq: 3 Nov 2025 17:19

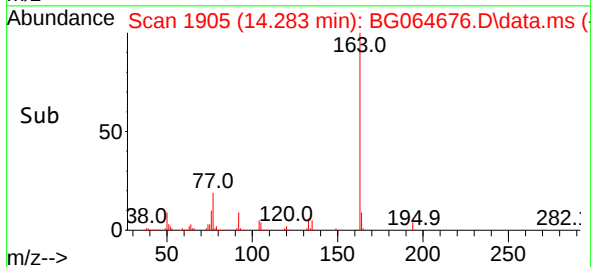
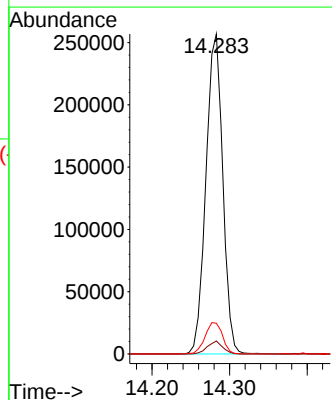
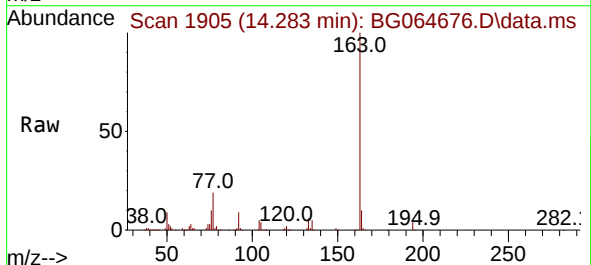
Instrument :  
BNA\_G  
ClientSampleId :  
PB170216BS

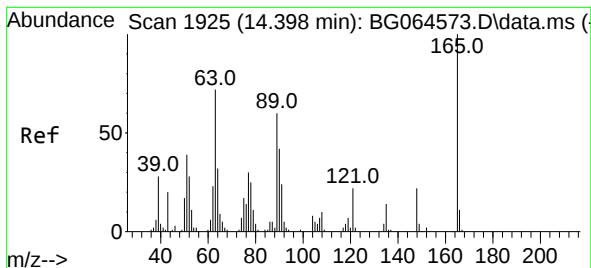
Tgt Ion:152 Resp: 482102  
Ion Ratio Lower Upper  
152 100  
151 20.1 15.4 23.2  
153 12.6 11.0 16.4



#50  
Dimethylphthalate  
Concen: 43.377 ng  
RT: 14.283 min Scan# 1905  
Delta R.T. -0.003 min  
Lab File: BG064676.D  
Acq: 3 Nov 2025 17:19

Tgt Ion:163 Resp: 386687  
Ion Ratio Lower Upper  
163 100  
194 4.0 2.8 4.2  
164 9.6 7.7 11.5

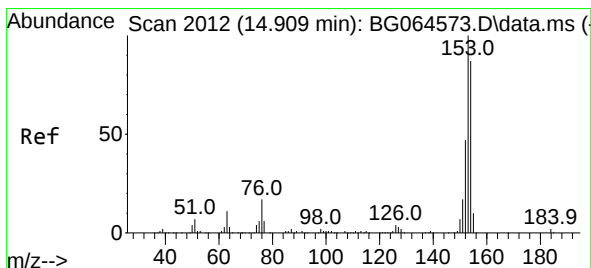
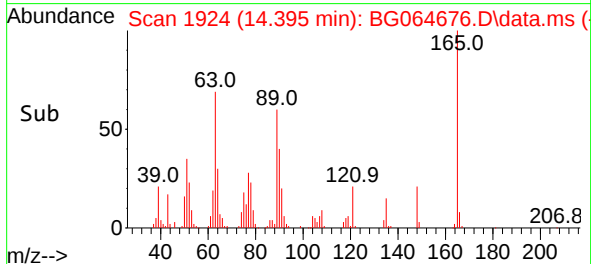
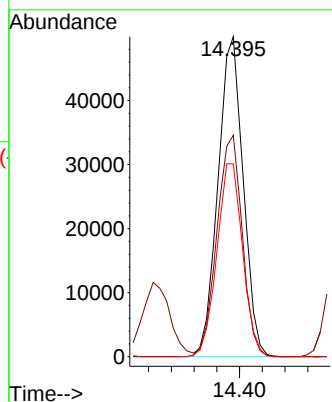
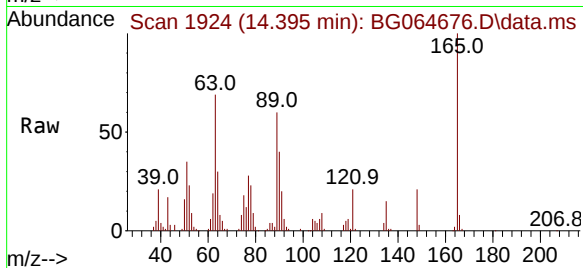




#51  
2,6-Dinitrotoluene  
Concen: 51.908 ng  
RT: 14.395 min Scan# 1925  
Delta R.T. -0.003 min  
Lab File: BG064676.D  
Acq: 3 Nov 2025 17:19

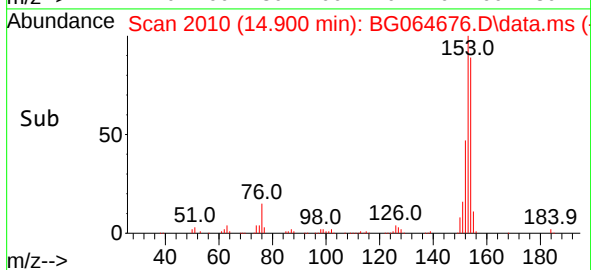
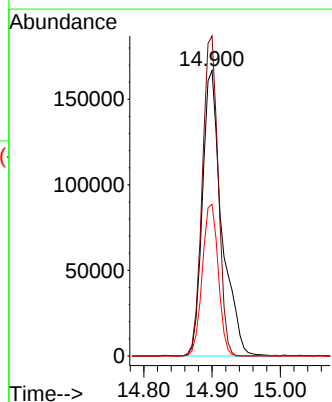
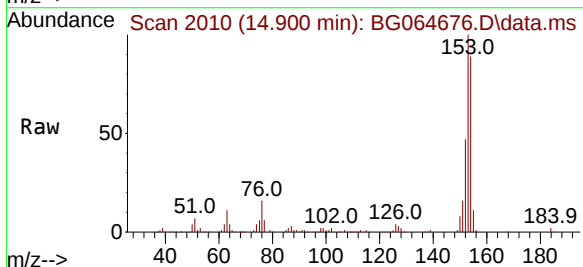
Instrument :  
BNA\_G  
ClientSampleId :  
PB170216BS

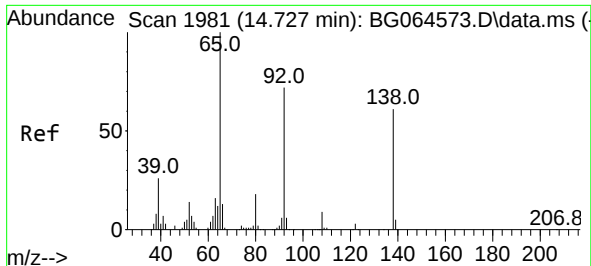
Tgt Ion:165 Resp: 76763  
Ion Ratio Lower Upper  
165 100  
63 69.2 57.4 86.0  
89 60.3 47.8 71.8



#52  
Acenaphthene  
Concen: 49.061 ng  
RT: 14.900 min Scan# 2010  
Delta R.T. -0.009 min  
Lab File: BG064676.D  
Acq: 3 Nov 2025 17:19

Tgt Ion:154 Resp: 330536  
Ion Ratio Lower Upper  
154 100  
153 112.1 92.2 138.4  
152 53.1 43.2 64.8

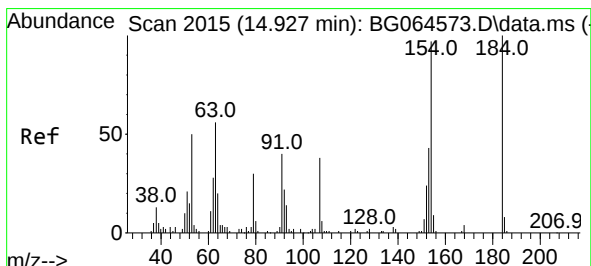
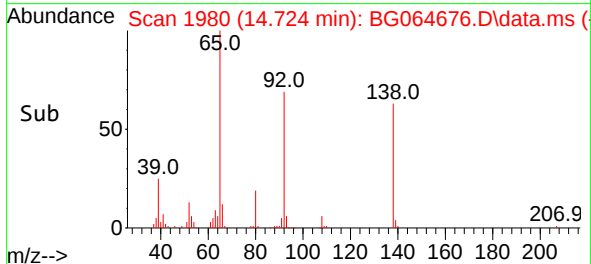
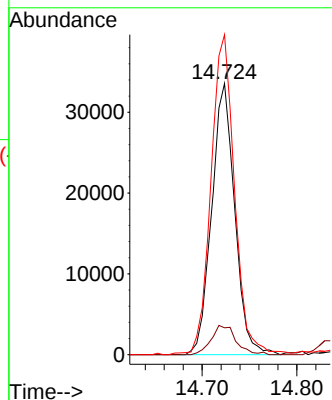
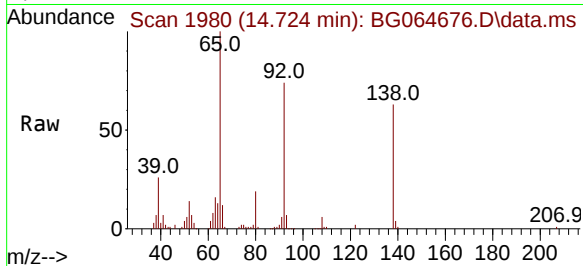




#53  
3-Nitroaniline  
Concen: 36.990 ng  
RT: 14.724 min Scan# 1981  
Delta R.T. -0.003 min  
Lab File: BG064676.D  
Acq: 3 Nov 2025 17:19

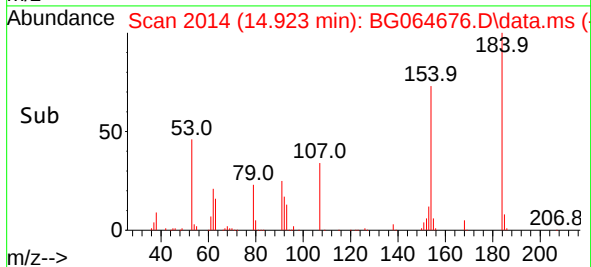
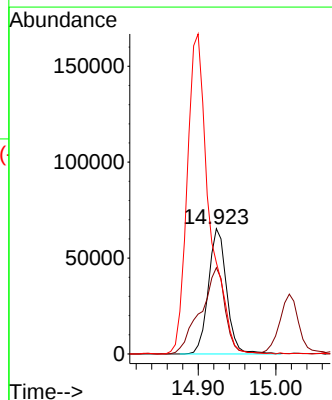
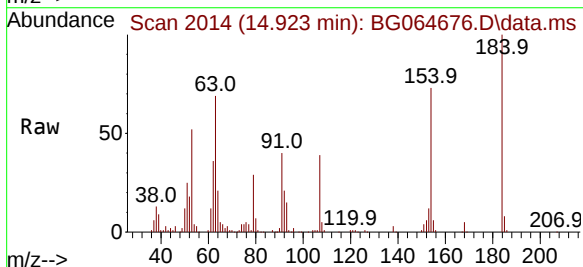
Instrument :  
BNA\_G  
ClientSampleId :  
PB170216BS

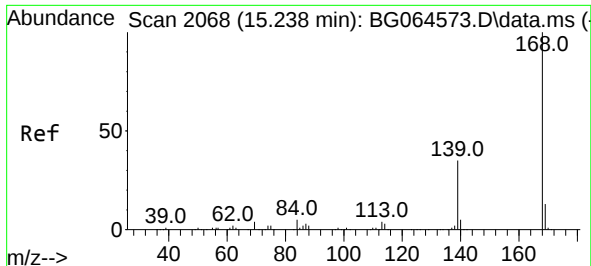
Tgt Ion:138 Resp: 56670  
Ion Ratio Lower Upper  
138 100  
108 9.9 11.4 17.0#  
92 118.0 95.3 142.9



#54  
2,4-Dinitrophenol  
Concen: 115.262 ng  
RT: 14.923 min Scan# 2014  
Delta R.T. -0.004 min  
Lab File: BG064676.D  
Acq: 3 Nov 2025 17:19

Tgt Ion:184 Resp: 106418  
Ion Ratio Lower Upper  
184 100  
63 68.8 56.6 85.0  
154 72.9 158.6 238.0#

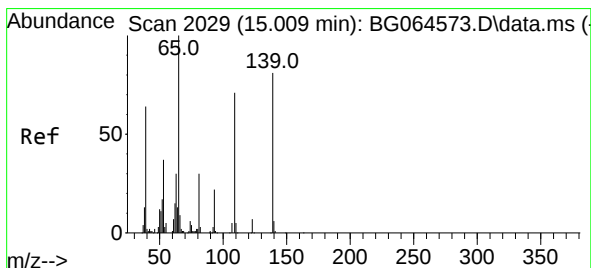
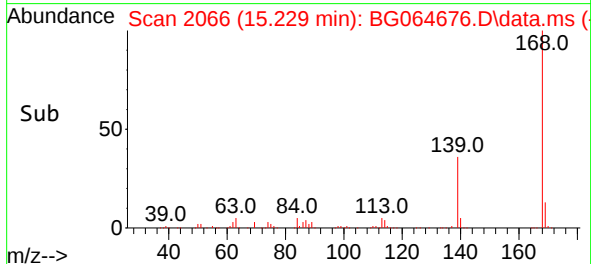
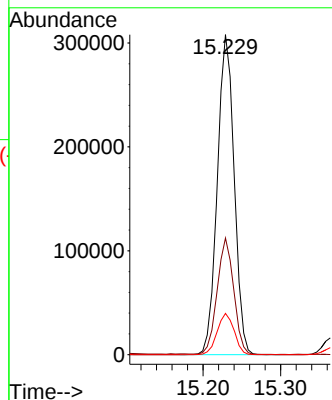
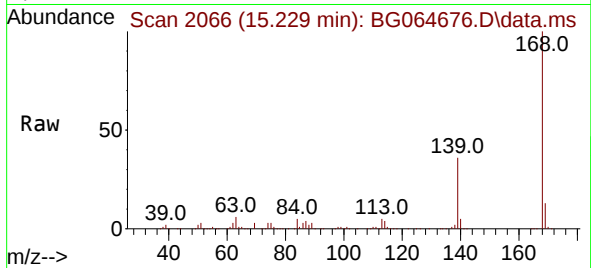




#55  
Dibenzofuran  
Concen: 42.663 ng  
RT: 15.229 min Scan# 2066  
Delta R.T. -0.009 min  
Lab File: BG064676.D  
Acq: 3 Nov 2025 17:19

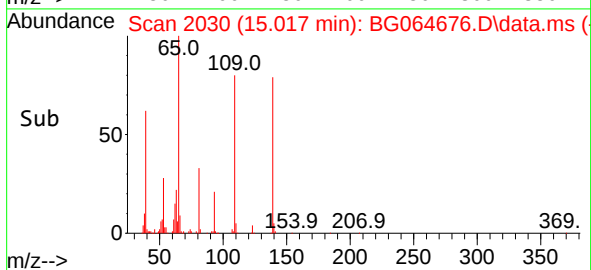
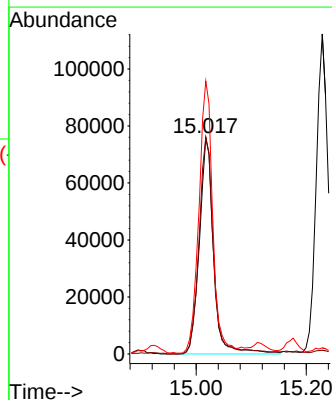
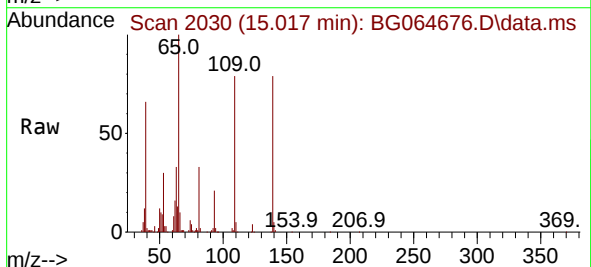
Instrument :  
BNA\_G  
ClientSampleId :  
PB170216BS

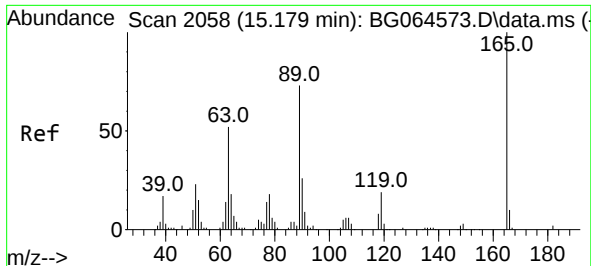
Tgt Ion:168 Resp: 464689  
Ion Ratio Lower Upper  
168 100  
139 36.5 27.8 41.8  
169 12.9 10.3 15.5



#56  
4-Nitrophenol  
Concen: 95.740 ng  
RT: 15.017 min Scan# 2030  
Delta R.T. 0.008 min  
Lab File: BG064676.D  
Acq: 3 Nov 2025 17:19

Tgt Ion:139 Resp: 135990  
Ion Ratio Lower Upper  
139 100  
109 100.5 67.8 107.8  
65 126.6 103.7 143.7

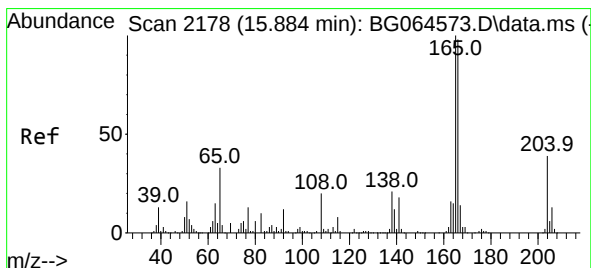
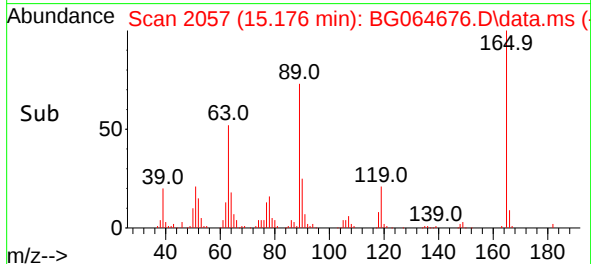
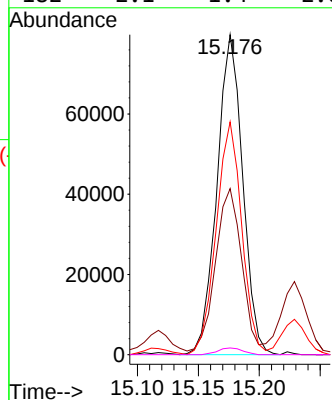
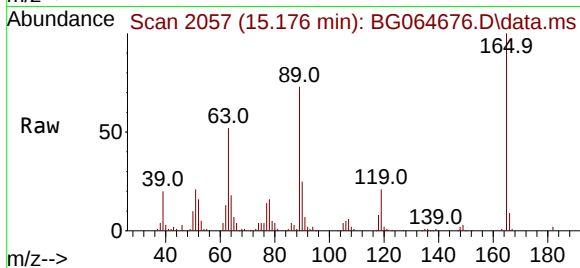




#57  
2,4-Dinitrotoluene  
Concen: 51.368 ng  
RT: 15.176 min Scan# 2057  
Delta R.T. -0.003 min  
Lab File: BG064676.D  
Acq: 3 Nov 2025 17:19

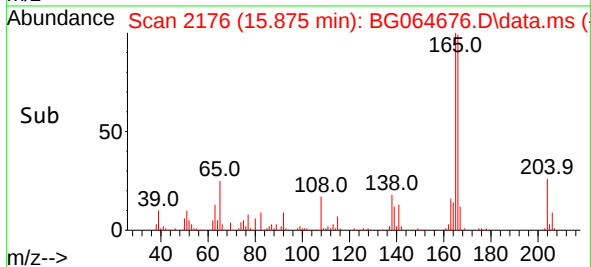
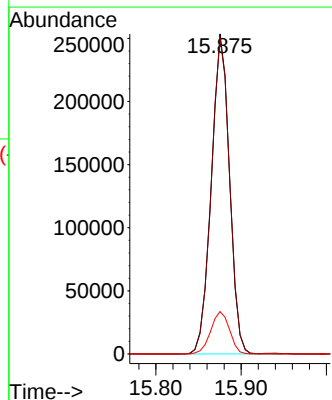
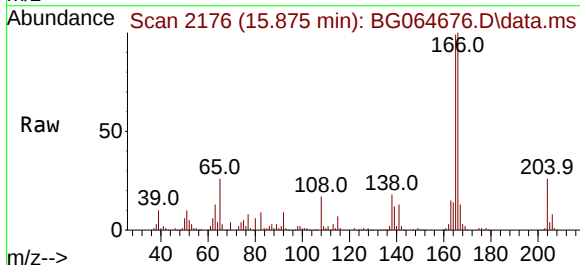
Instrument :  
BNA\_G  
ClientSampleId :  
PB170216BS

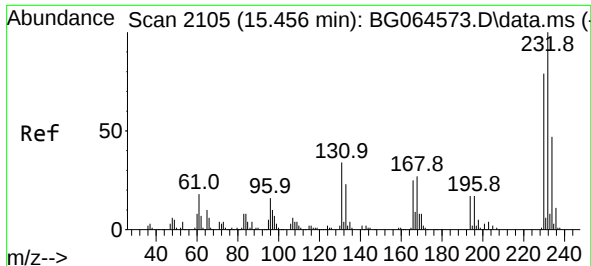
Tgt Ion:165 Resp: 117345  
Ion Ratio Lower Upper  
165 100  
63 51.9 41.8 62.8  
89 72.7 58.1 87.1  
182 2.1 1.4 2.0#



#58  
Fluorene  
Concen: 44.050 ng  
RT: 15.875 min Scan# 2176  
Delta R.T. -0.009 min  
Lab File: BG064676.D  
Acq: 3 Nov 2025 17:19

Tgt Ion:166 Resp: 374710  
Ion Ratio Lower Upper  
166 100  
165 98.8 81.5 122.3  
167 13.2 11.4 17.0

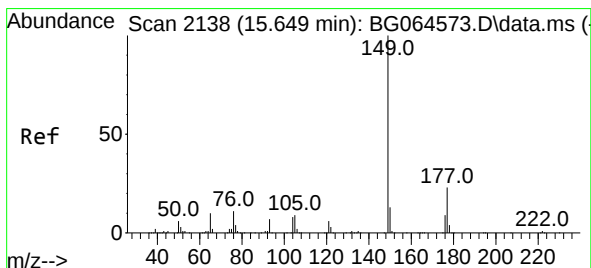
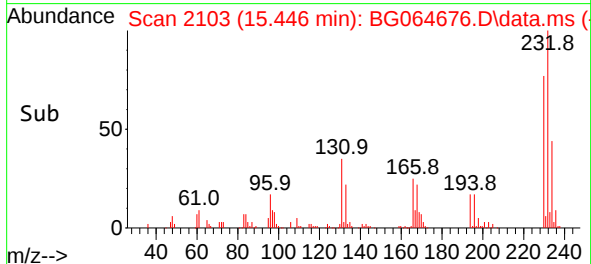
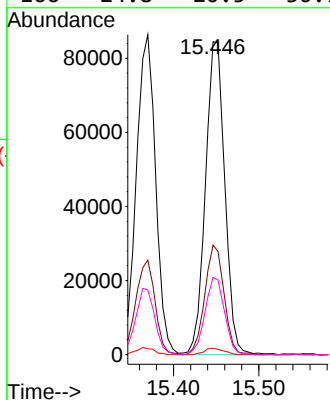
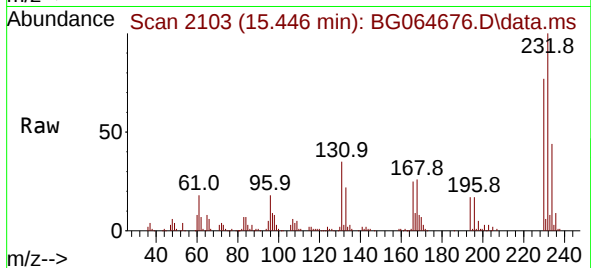




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 54.030 ng  
RT: 15.446 min Scan# 2105  
Delta R.T. -0.009 min  
Lab File: BG064676.D  
Acq: 3 Nov 2025 17:19

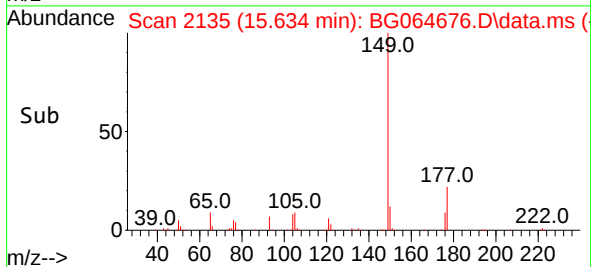
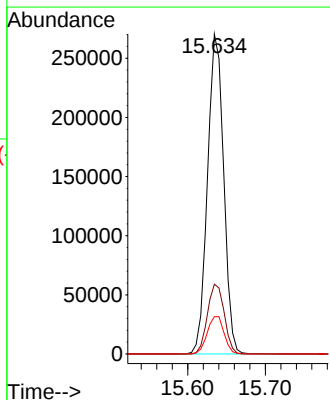
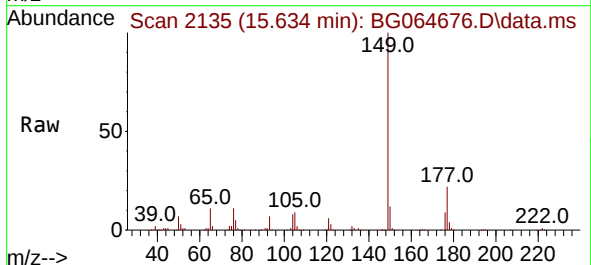
Instrument :  
BNA\_G  
ClientSampleId :  
PB170216BS

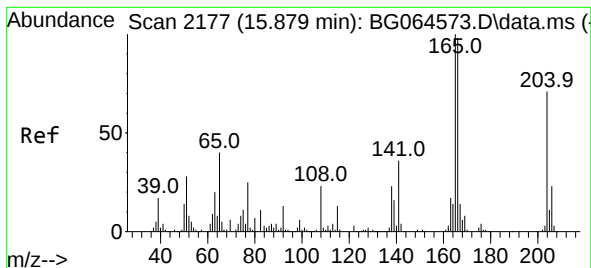
Tgt Ion:232 Resp: 133345  
Ion Ratio Lower Upper  
232 100  
131 34.9 26.7 40.1  
130 2.0 1.6 2.4  
166 24.8 20.5 30.7



#60  
Diethylphthalate  
Concen: 43.016 ng  
RT: 15.634 min Scan# 2135  
Delta R.T. -0.015 min  
Lab File: BG064676.D  
Acq: 3 Nov 2025 17:19

Tgt Ion:149 Resp: 391543  
Ion Ratio Lower Upper  
149 100  
177 21.8 18.0 27.0  
150 11.7 10.2 15.4

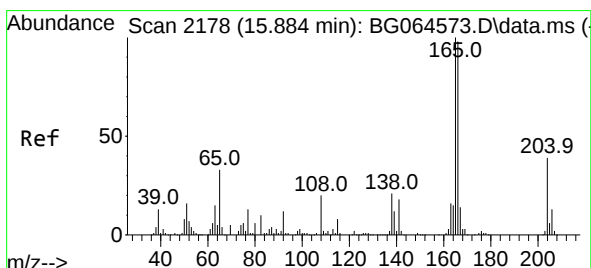
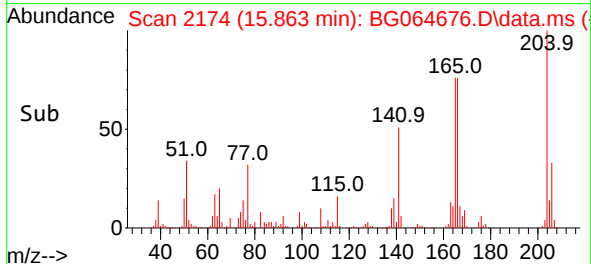
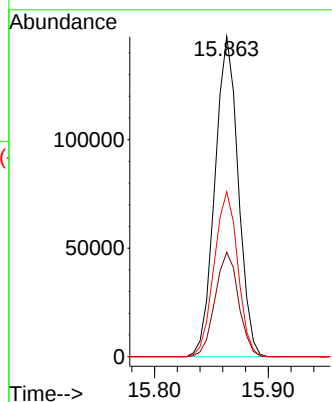
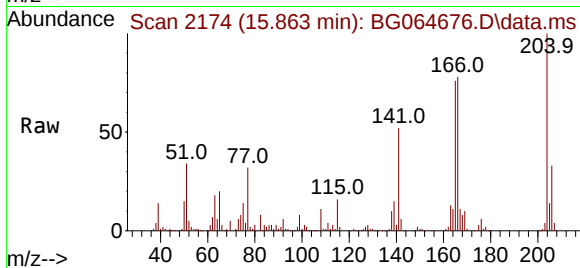




#61  
4-Chlorophenyl-phenylether  
Concen: 44.003 ng  
RT: 15.863 min Scan# 2174  
Delta R.T. -0.015 min  
Lab File: BG064676.D  
Acq: 3 Nov 2025 17:19

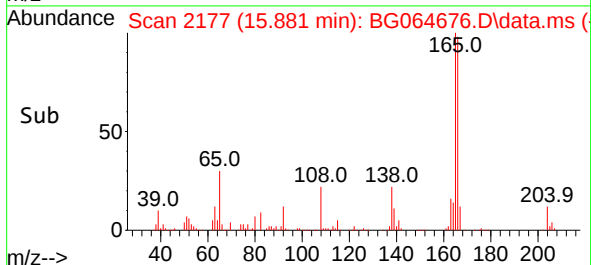
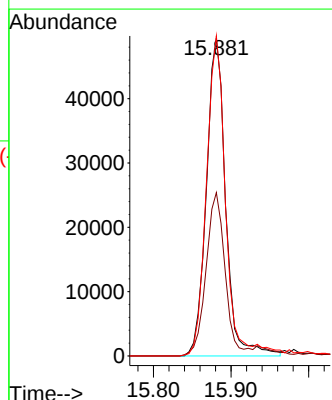
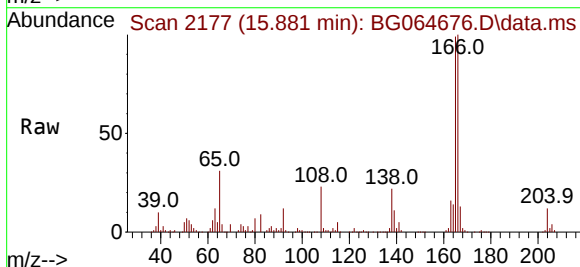
Instrument :  
BNA\_G  
ClientSampleId :  
PB170216BS

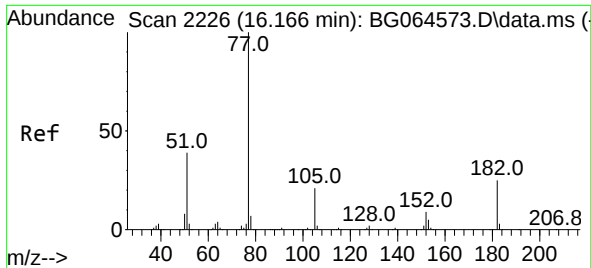
Tgt Ion:204 Resp: 210057  
Ion Ratio Lower Upper  
204 100  
206 32.6 25.6 38.4  
141 51.5 40.6 60.8



#62  
4-Nitroaniline  
Concen: 49.948 ng  
RT: 15.881 min Scan# 2177  
Delta R.T. -0.003 min  
Lab File: BG064676.D  
Acq: 3 Nov 2025 17:19

Tgt Ion:138 Resp: 85132  
Ion Ratio Lower Upper  
138 100  
92 51.4 36.1 76.1  
108 100.7 75.6 115.6

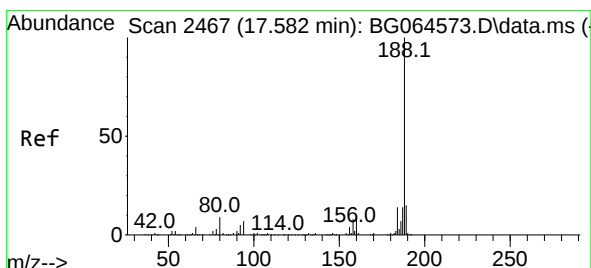
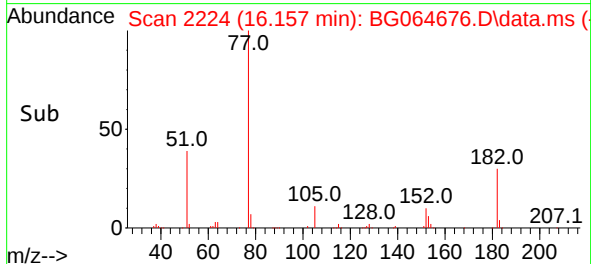
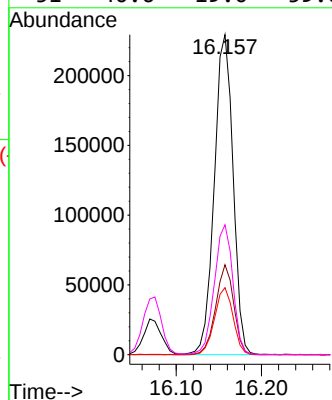
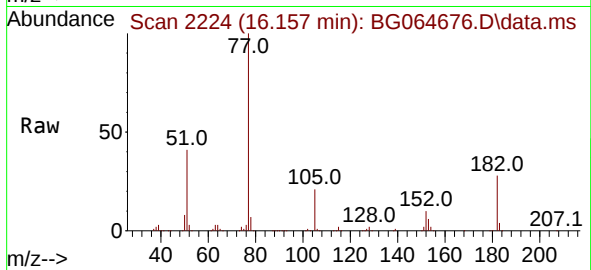




#63  
Azobenzene  
Concen: 41.973 ng  
RT: 16.157 min Scan# 21  
Delta R.T. -0.009 min  
Lab File: BG064676.D  
Acq: 3 Nov 2025 17:19

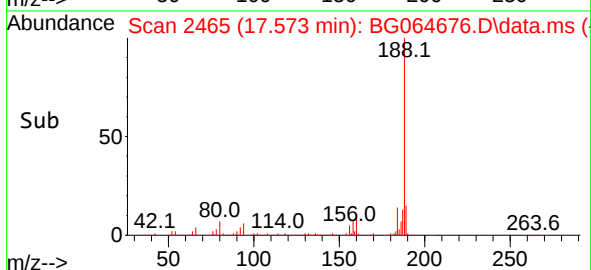
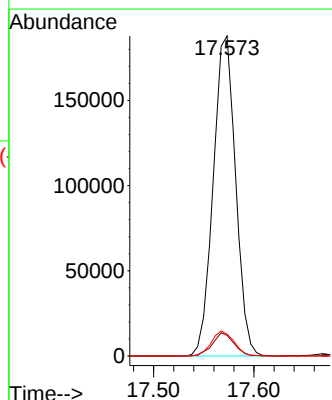
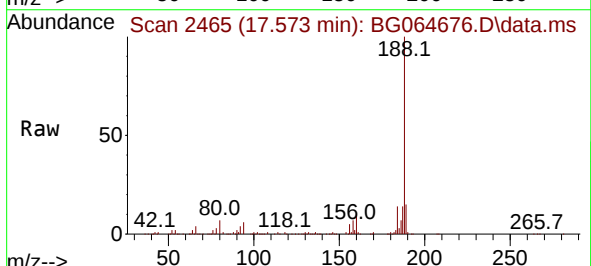
Instrument :  
BNA\_G  
ClientSampleId :  
PB170216BS

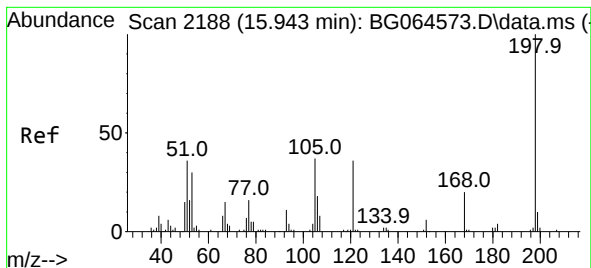
Tgt Ion: 77 Resp: 350545  
Ion Ratio Lower Upper  
77 100  
182 28.1 4.9 44.9  
105 21.0 1.3 41.3  
51 40.6 19.0 59.0



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.573 min Scan# 2465  
Delta R.T. -0.009 min  
Lab File: BG064676.D  
Acq: 3 Nov 2025 17:19

Tgt Ion:188 Resp: 291857  
Ion Ratio Lower Upper  
188 100  
94 6.4 5.7 8.5  
80 6.8 6.8 10.2

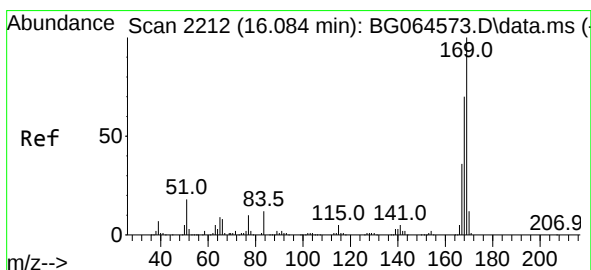
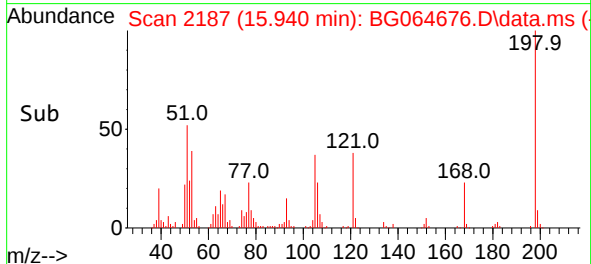
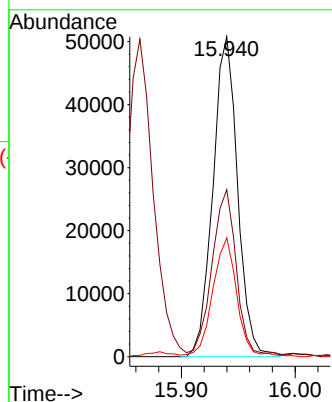
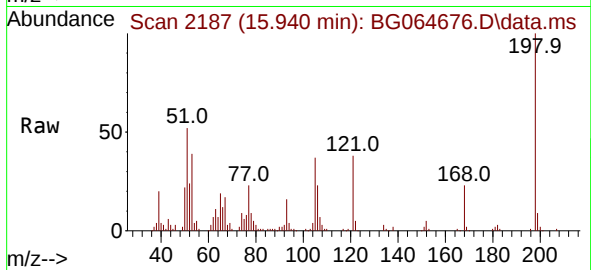




#65  
4,6-Dinitro-2-methylphenol  
Concen: 58.254 ng  
RT: 15.940 min Scan# 2188  
Delta R.T. -0.003 min  
Lab File: BG064676.D  
Acq: 3 Nov 2025 17:19

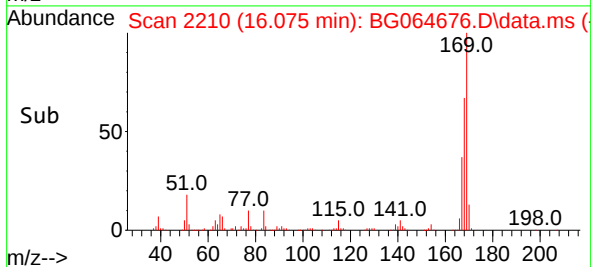
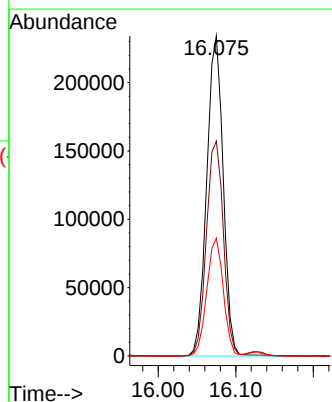
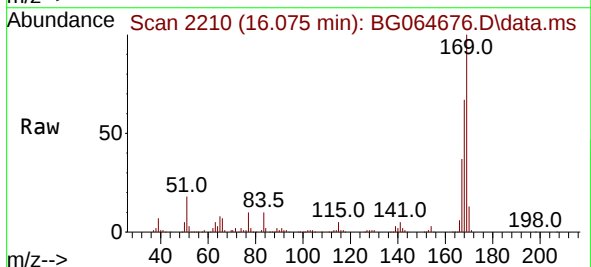
Instrument :  
BNA\_G  
ClientSampleId :  
PB170216BS

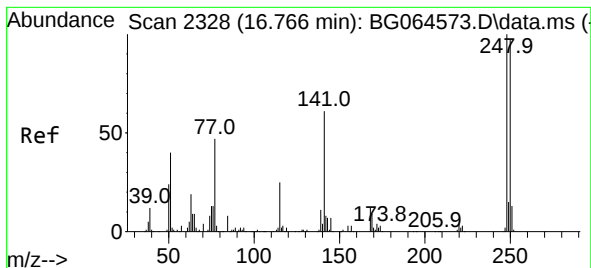
Tgt Ion:198 Resp: 76492  
Ion Ratio Lower Upper  
198 100  
51 52.2 24.7 64.7  
105 37.2 18.0 58.0



#66  
n-Nitrosodiphenylamine  
Concen: 43.713 ng  
RT: 16.075 min Scan# 2210  
Delta R.T. -0.009 min  
Lab File: BG064676.D  
Acq: 3 Nov 2025 17:19

Tgt Ion:169 Resp: 344623  
Ion Ratio Lower Upper  
169 100  
168 67.2 56.3 84.5  
167 36.9 29.0 43.6

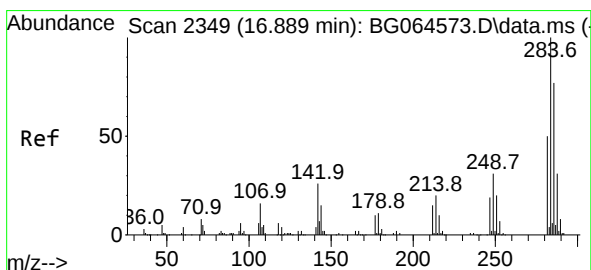
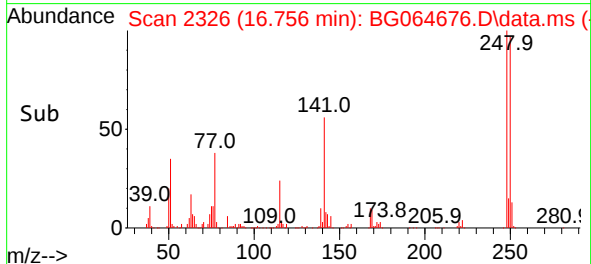
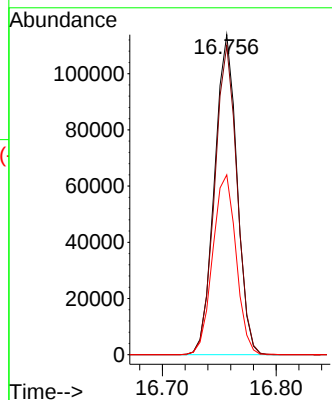
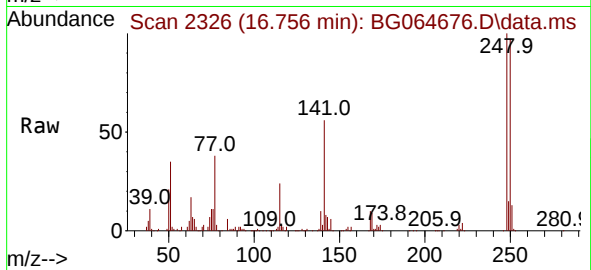




#67  
4-Bromophenyl-phenylether  
Concen: 45.076 ng  
RT: 16.756 min Scan# 21  
Delta R.T. -0.009 min  
Lab File: BG064676.D  
Acq: 3 Nov 2025 17:19

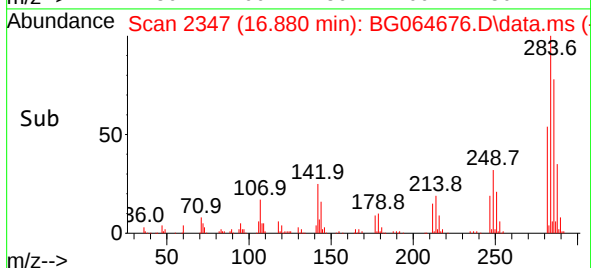
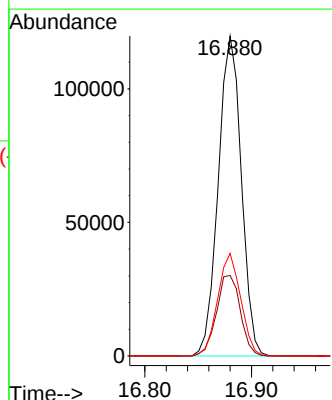
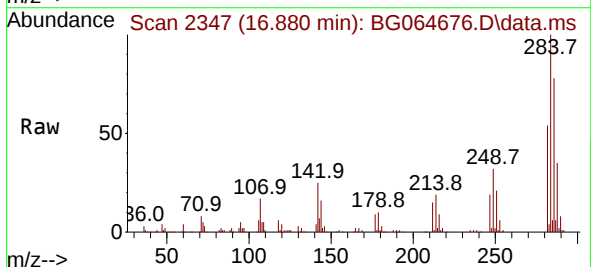
Instrument :  
BNA\_G  
ClientSampleId :  
PB170216BS

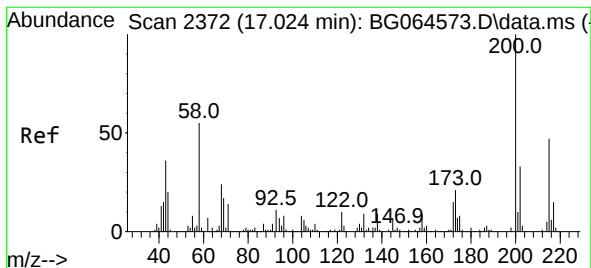
Tgt Ion:248 Resp: 155902  
Ion Ratio Lower Upper  
248 100  
250 96.6 77.7 116.5  
141 56.2 48.6 72.8



#68  
Hexachlorobenzene  
Concen: 45.539 ng  
RT: 16.880 min Scan# 2347  
Delta R.T. -0.009 min  
Lab File: BG064676.D  
Acq: 3 Nov 2025 17:19

Tgt Ion:284 Resp: 179683  
Ion Ratio Lower Upper  
284 100  
142 25.2 21.0 31.6  
249 32.0 24.9 37.3





#69

Atrazine

Concen: 47.425 ng

RT: 17.015 min Scan# 21

Delta R.T. -0.009 min

Lab File: BG064676.D

Acq: 3 Nov 2025 17:19

Instrument :

BNA\_G

ClientSampleId :

PB170216BS

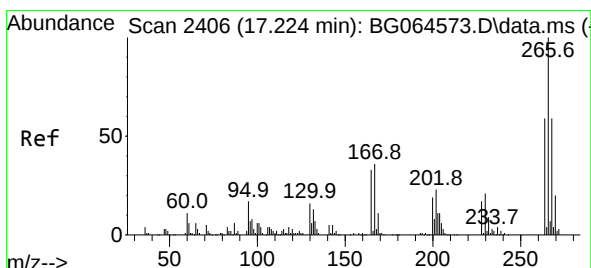
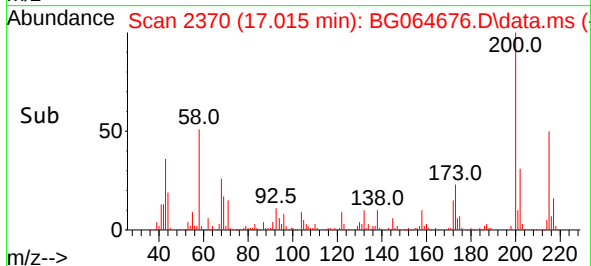
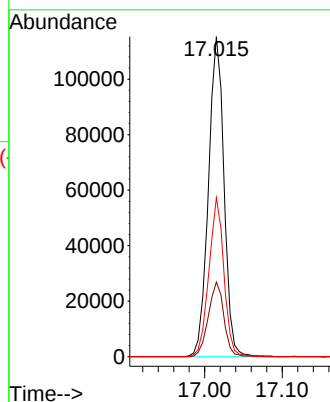
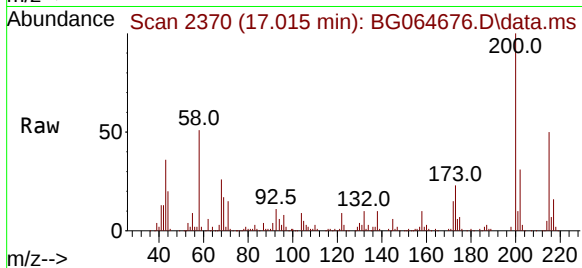
Tgt Ion:200 Resp: 160899

Ion Ratio Lower Upper

200 100

173 23.3 0.9 40.9

215 49.7 27.0 67.0



#70

Pentachlorophenol

Concen: 100.175 ng

RT: 17.215 min Scan# 2404

Delta R.T. -0.009 min

Lab File: BG064676.D

Acq: 3 Nov 2025 17:19

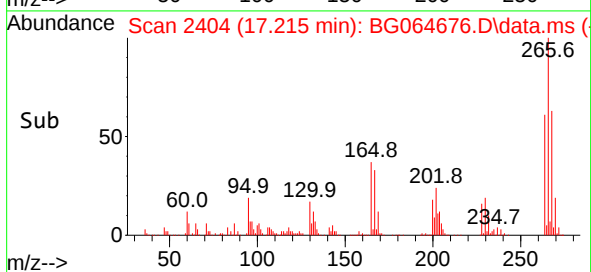
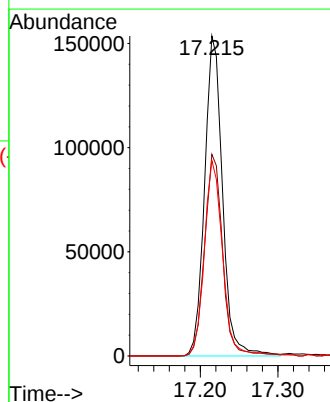
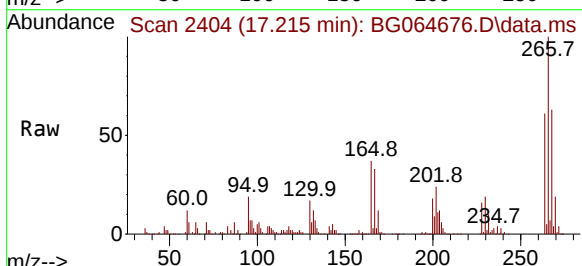
Tgt Ion:266 Resp: 246480

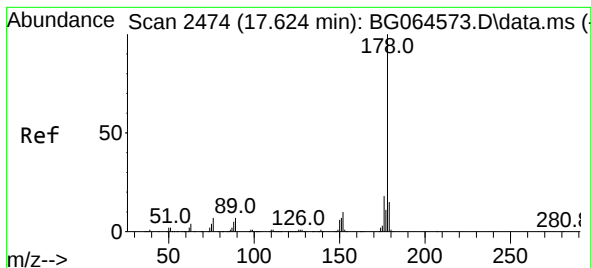
Ion Ratio Lower Upper

266 100

268 67.3 50.3 75.5

264 61.1 47.3 70.9





#71

Phenanthrene

Concen: 43.091 ng

RT: 17.614 min Scan# 2472

Delta R.T. -0.009 min

Lab File: BG064676.D

Acq: 3 Nov 2025 17:19

Instrument :

BNA\_G

ClientSampleId :

PB170216BS

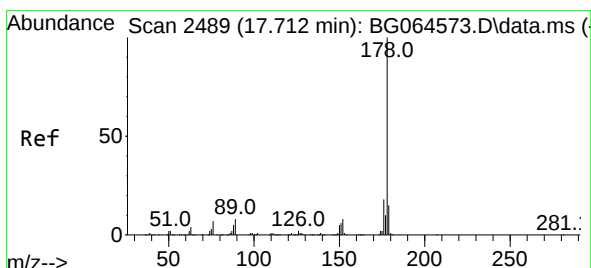
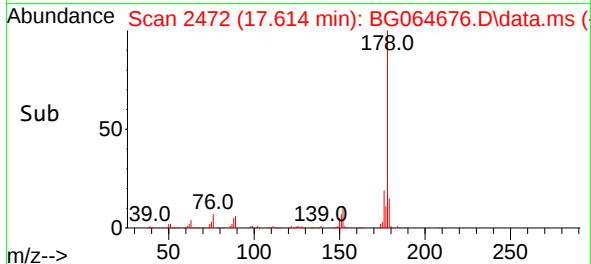
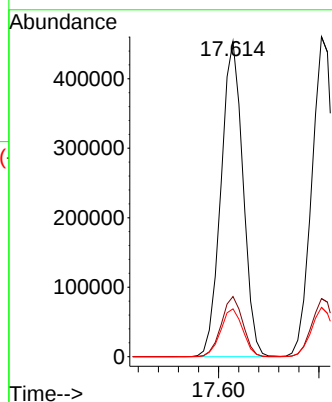
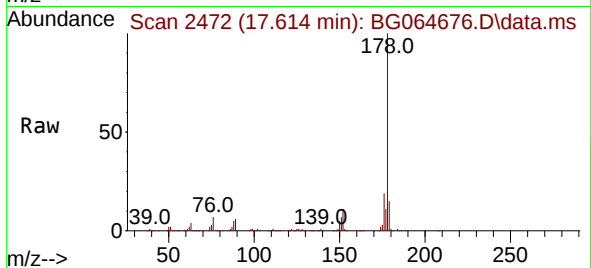
Tgt Ion:178 Resp: 687757

Ion Ratio Lower Upper

178 100

176 19.1 14.7 22.1

179 15.2 12.2 18.4



#72

Anthracene

Concen: 43.056 ng

RT: 17.702 min Scan# 2487

Delta R.T. -0.009 min

Lab File: BG064676.D

Acq: 3 Nov 2025 17:19

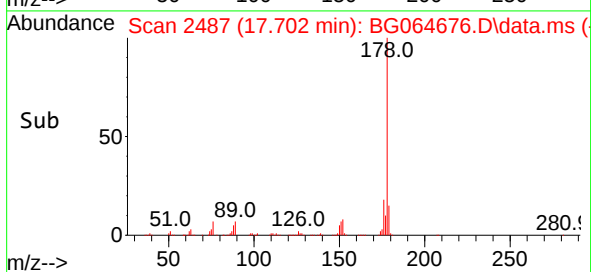
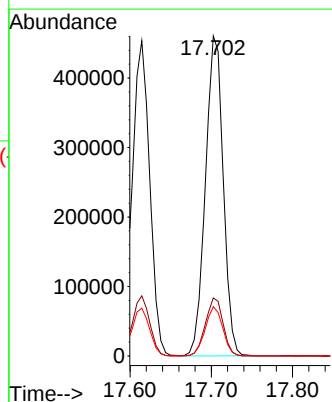
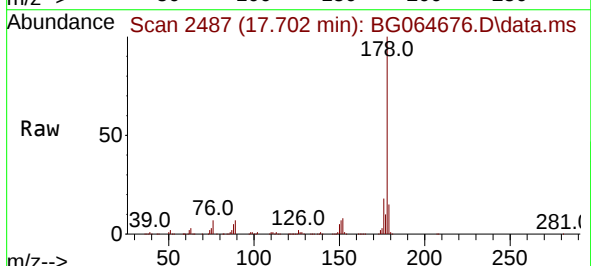
Tgt Ion:178 Resp: 699037

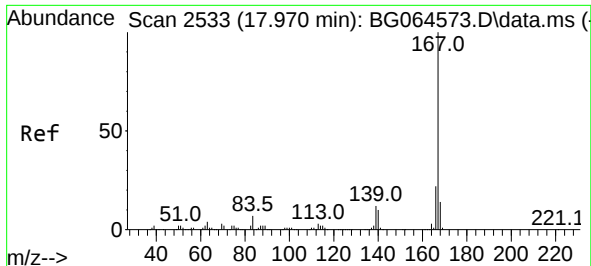
Ion Ratio Lower Upper

178 100

176 18.2 14.4 21.6

179 15.4 12.4 18.6

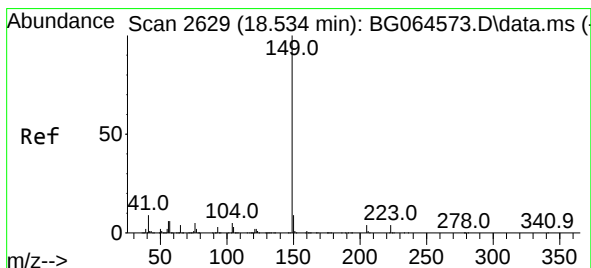
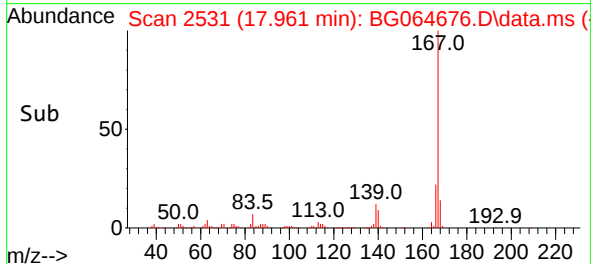
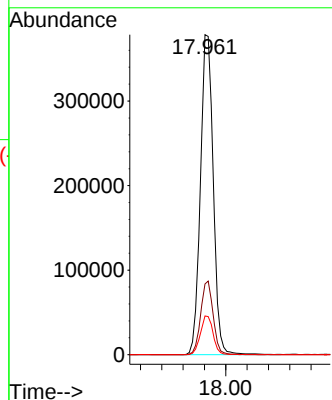
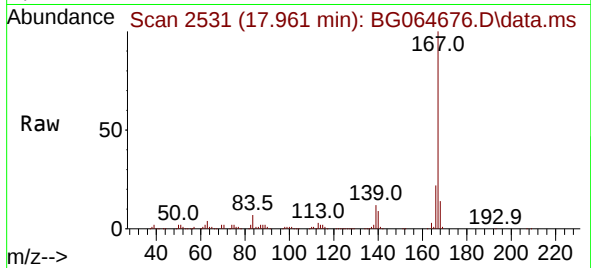




#73  
 Carbazole  
 Concen: 44.096 ng  
 RT: 17.961 min Scan# 21  
 Delta R.T. -0.009 min  
 Lab File: BG064676.D  
 Acq: 3 Nov 2025 17:19

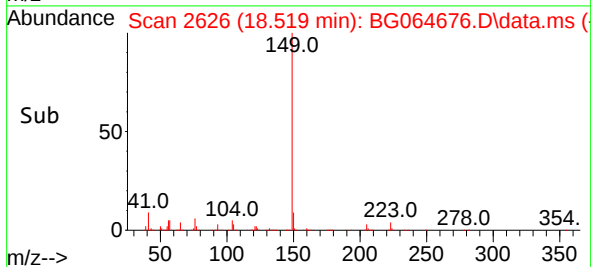
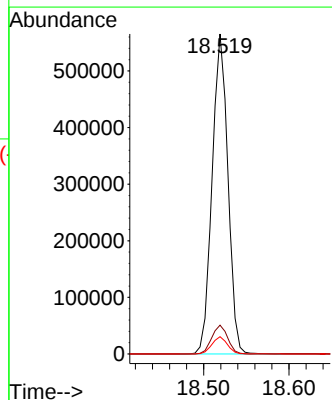
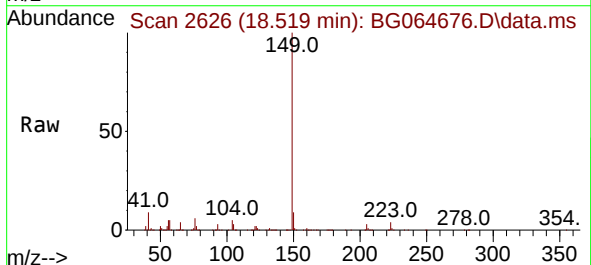
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB170216BS

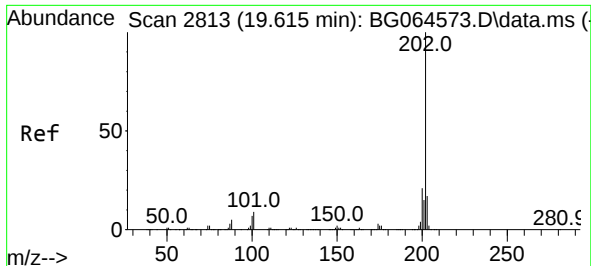
Tgt Ion:167 Resp: 631308  
 Ion Ratio Lower Upper  
 167 100  
 166 22.1 17.9 26.9  
 139 12.1 9.7 14.5



#74  
 Di-n-butylphthalate  
 Concen: 43.865 ng  
 RT: 18.519 min Scan# 2626  
 Delta R.T. -0.015 min  
 Lab File: BG064676.D  
 Acq: 3 Nov 2025 17:19

Tgt Ion:149 Resp: 726202  
 Ion Ratio Lower Upper  
 149 100  
 150 9.0 7.0 10.6  
 104 5.4 4.1 6.1

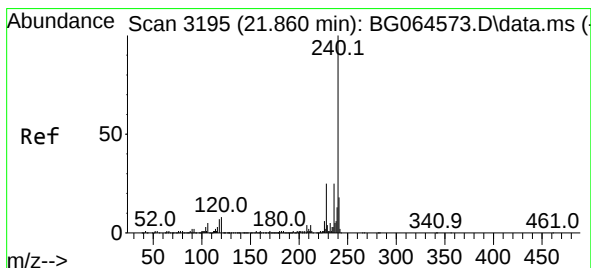
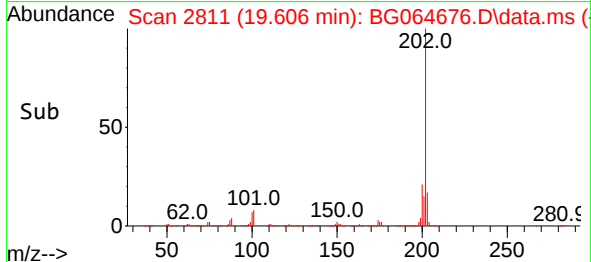
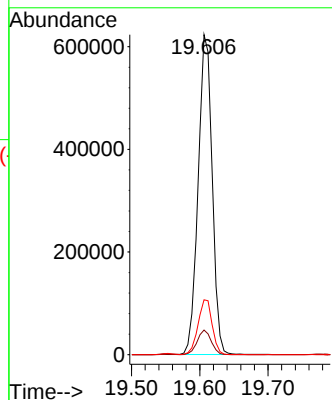
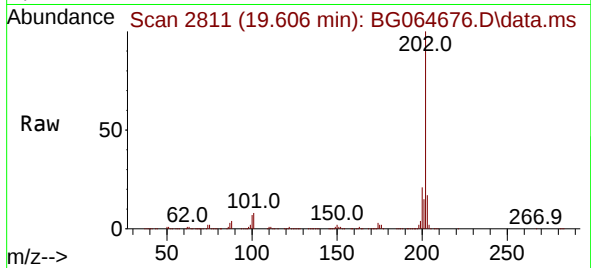




#75  
Fluoranthene  
Concen: 44.551 ng  
RT: 19.606 min Scan# 2811  
Delta R.T. -0.009 min  
Lab File: BG064676.D  
Acq: 3 Nov 2025 17:19

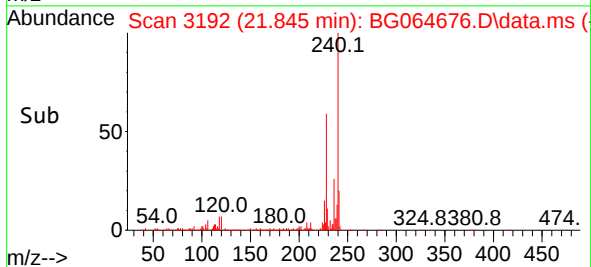
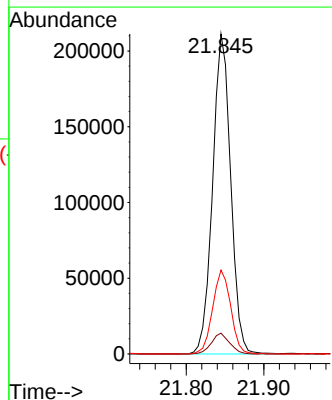
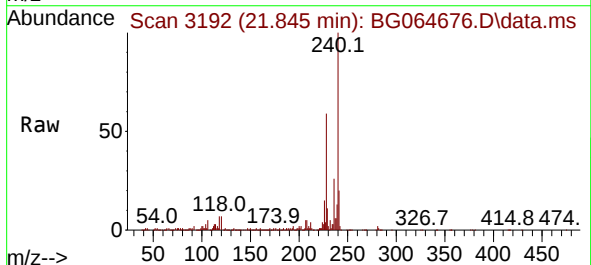
Instrument :  
BNA\_G  
ClientSampleId :  
PB170216BS

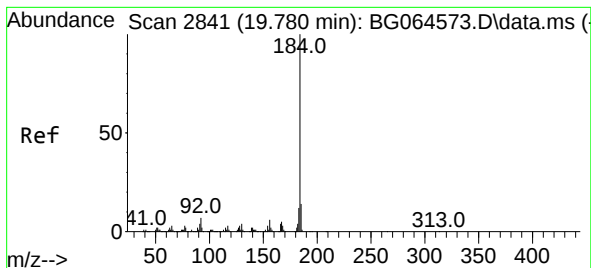
Tgt Ion:202 Resp: 890769  
Ion Ratio Lower Upper  
202 100  
101 7.7 0.0 28.7  
203 17.2 0.0 37.0



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.845 min Scan# 3192  
Delta R.T. -0.015 min  
Lab File: BG064676.D  
Acq: 3 Nov 2025 17:19

Tgt Ion:240 Resp: 341711  
Ion Ratio Lower Upper  
240 100  
120 6.5 6.5 9.7  
236 26.2 20.2 30.2





#77

Benzidine

Concen: 41.191 ng

RT: 19.776 min Scan# 2840

Delta R.T. -0.003 min

Lab File: BG064676.D

Acq: 3 Nov 2025 17:19

Instrument :

BNA\_G

ClientSampleId :

PB170216BS

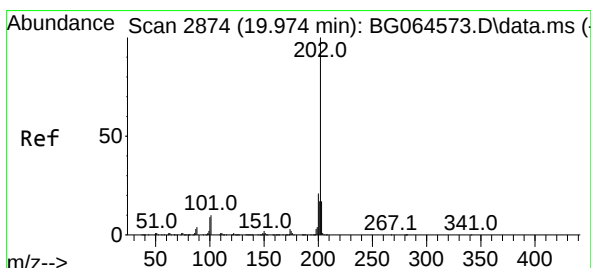
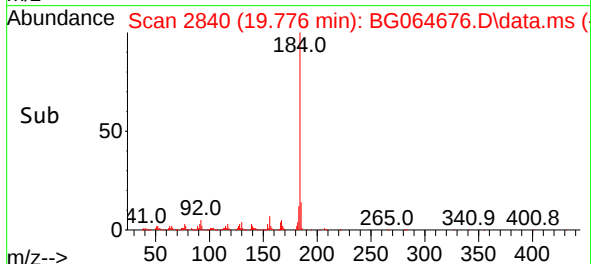
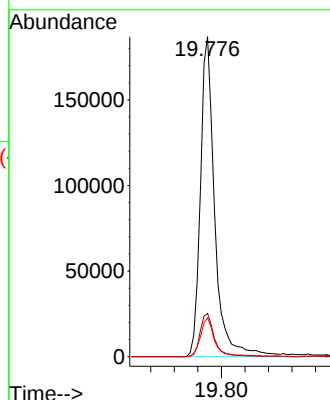
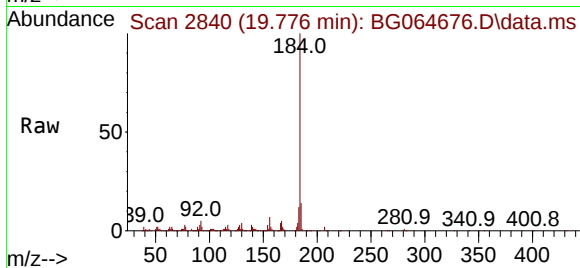
Tgt Ion:184 Resp: 315351

Ion Ratio Lower Upper

184 100

185 13.5 11.4 17.2

183 12.1 9.4 14.2



#78

Pyrene

Concen: 41.511 ng

RT: 19.970 min Scan# 2873

Delta R.T. -0.003 min

Lab File: BG064676.D

Acq: 3 Nov 2025 17:19

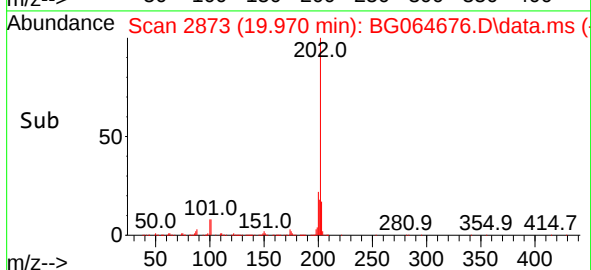
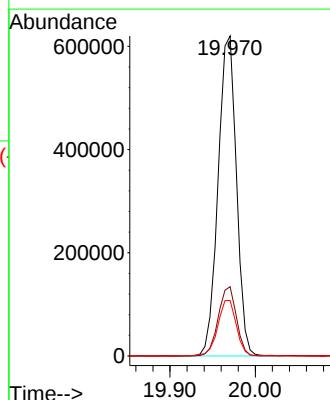
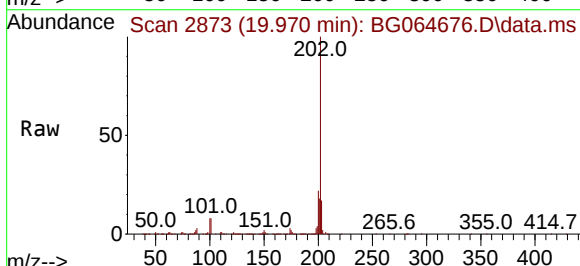
Tgt Ion:202 Resp: 926752

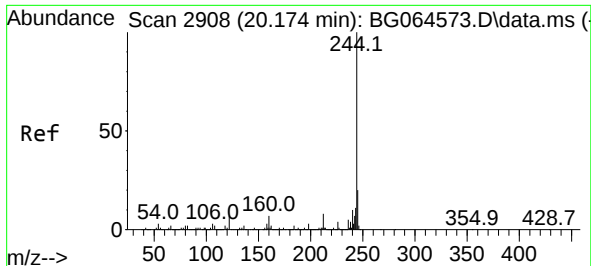
Ion Ratio Lower Upper

202 100

200 21.6 17.0 25.4

203 17.4 13.8 20.6

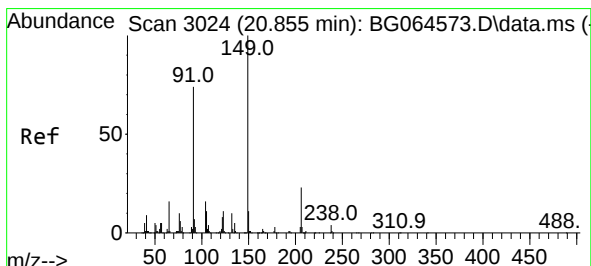
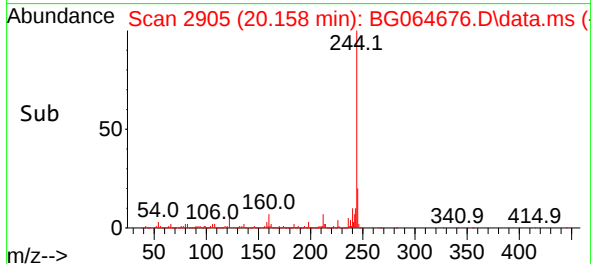
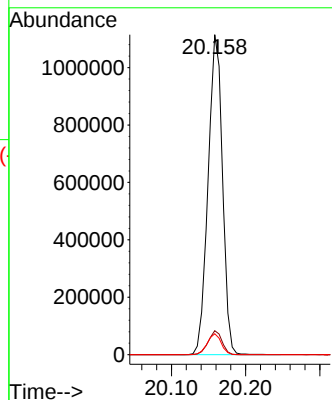
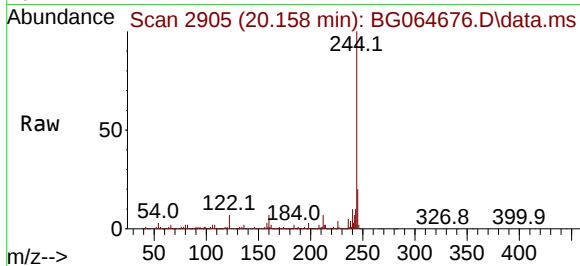




#79  
 Terphenyl-d14  
 Concen: 82.884 ng  
 RT: 20.158 min Scan# 2905  
 Delta R.T. -0.015 min  
 Lab File: BG064676.D  
 Acq: 3 Nov 2025 17:19

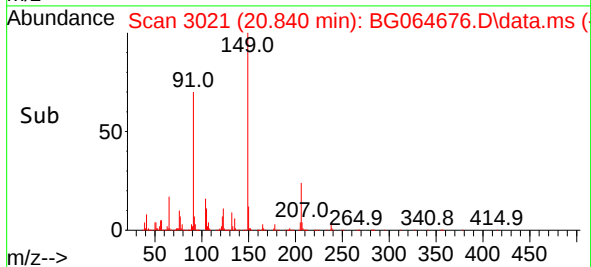
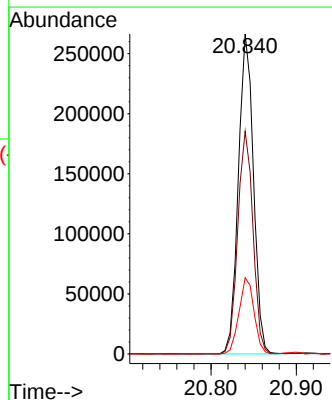
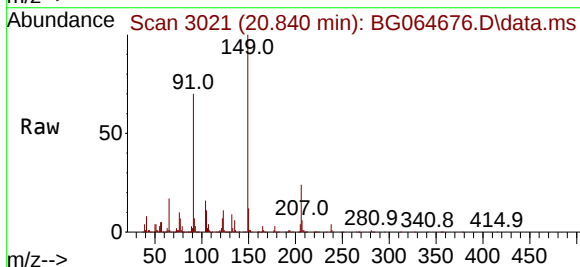
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB170216BS

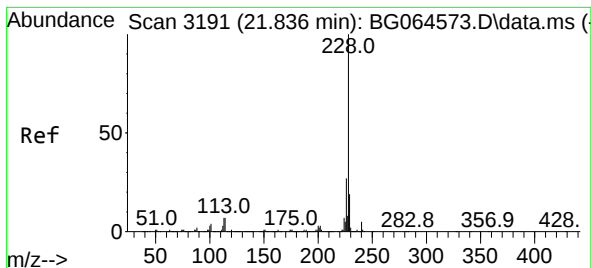
Tgt Ion:244 Resp: 1500788  
 Ion Ratio Lower Upper  
 244 100  
 212 7.5 6.1 9.1  
 122 6.6 5.6 8.4



#80  
 Butylbenzylphthalate  
 Concen: 48.545 ng  
 RT: 20.840 min Scan# 3021  
 Delta R.T. -0.015 min  
 Lab File: BG064676.D  
 Acq: 3 Nov 2025 17:19

Tgt Ion:149 Resp: 327559  
 Ion Ratio Lower Upper  
 149 100  
 91 69.6 59.2 88.8  
 206 23.8 18.1 27.1





#81

Benzo(a)anthracene

Concen: 44.467 ng

RT: 21.827 min Scan# 31

Delta R.T. -0.009 min

Lab File: BG064676.D

Acq: 3 Nov 2025 17:19

Instrument :

BNA\_G

ClientSampleId :

PB170216BS

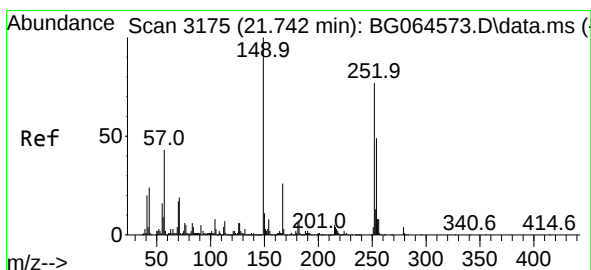
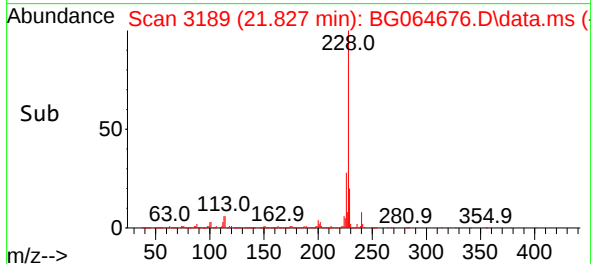
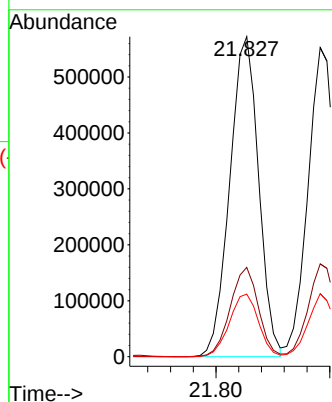
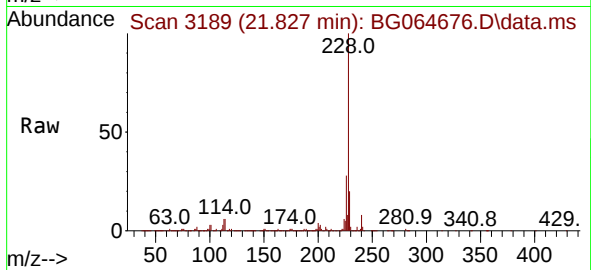
Tgt Ion:228 Resp: 1007500

Ion Ratio Lower Upper

228 100

226 27.9 21.9 32.9

229 19.6 15.6 23.4



#82

3,3'-Dichlorobenzidine

Concen: 34.004 ng

RT: 21.733 min Scan# 3173

Delta R.T. -0.009 min

Lab File: BG064676.D

Acq: 3 Nov 2025 17:19

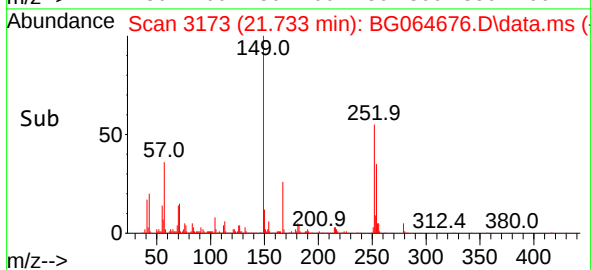
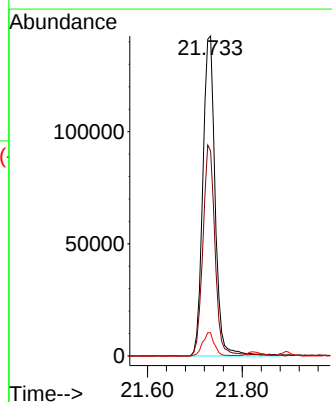
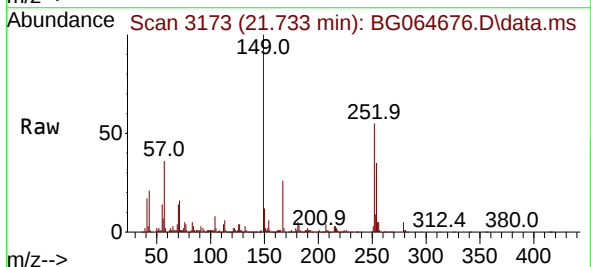
Tgt Ion:252 Resp: 257277

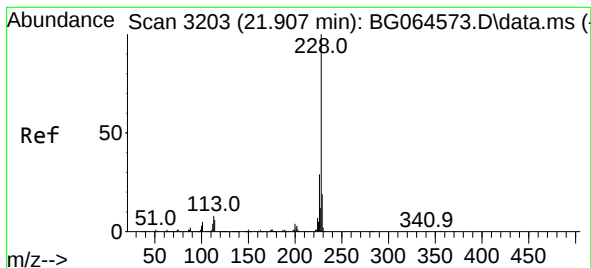
Ion Ratio Lower Upper

252 100

254 64.0 50.8 76.2

126 7.3 5.8 8.6





#83

Chrysene

Concen: 43.624 ng

RT: 21.892 min Scan# 31

Delta R.T. -0.015 min

Lab File: BG064676.D

Acq: 3 Nov 2025 17:19

Instrument :

BNA\_G

ClientSampleId :

PB170216BS

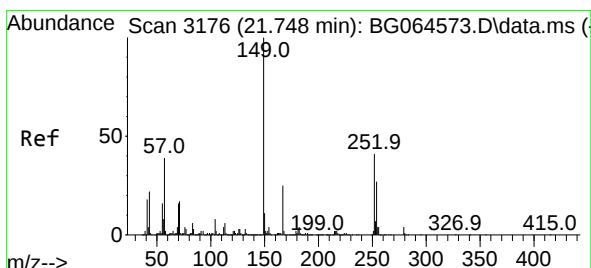
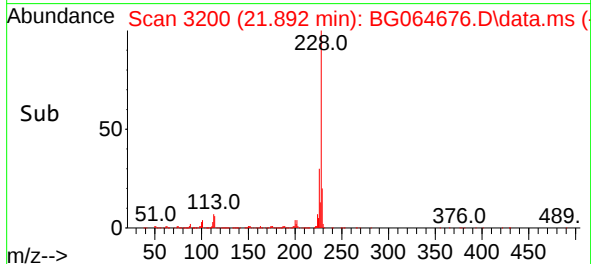
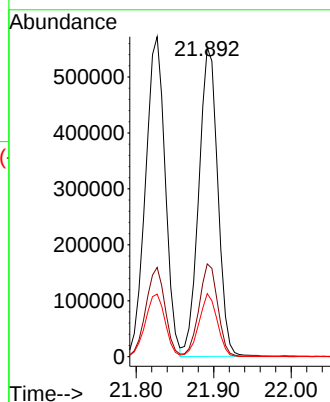
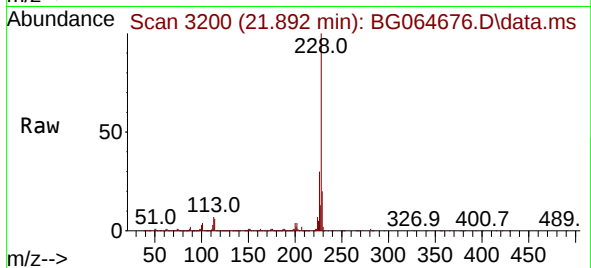
Tgt Ion:228 Resp: 940484

Ion Ratio Lower Upper

228 100

226 30.0 23.3 34.9

229 20.4 15.2 22.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.588 ng

RT: 21.727 min Scan# 3172

Delta R.T. -0.021 min

Lab File: BG064676.D

Acq: 3 Nov 2025 17:19

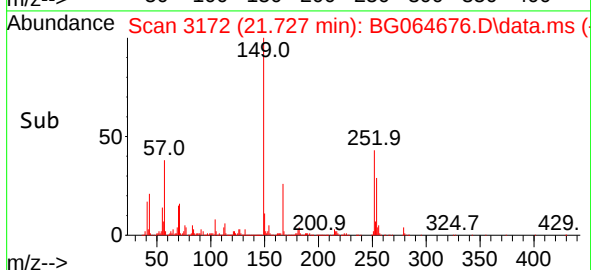
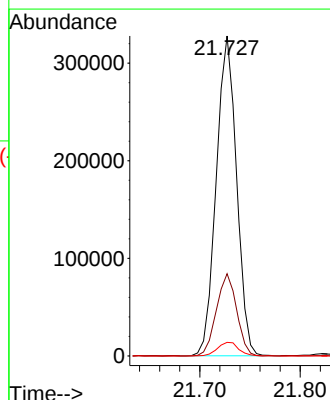
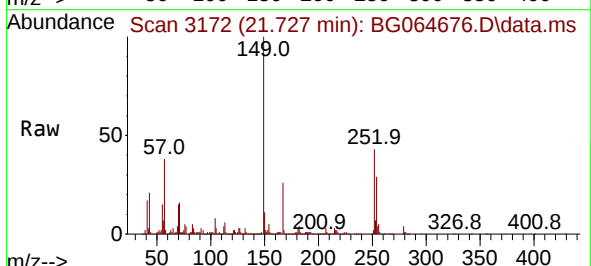
Tgt Ion:149 Resp: 459648

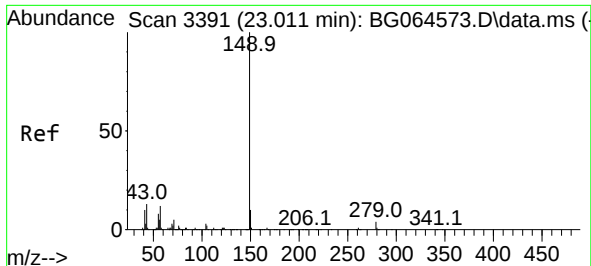
Ion Ratio Lower Upper

149 100

167 25.7 20.0 30.0

279 4.2 3.1 4.7

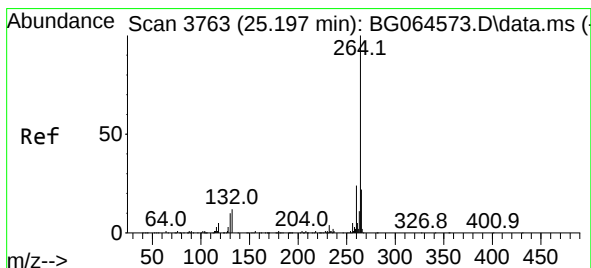
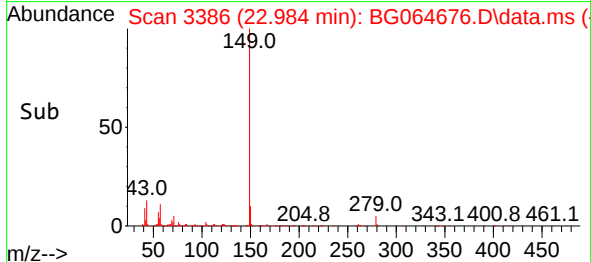
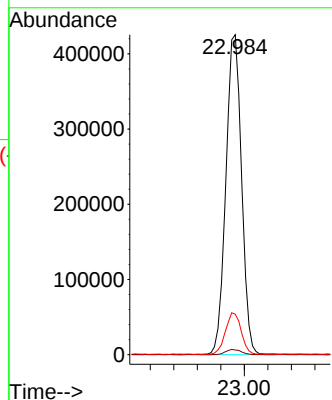
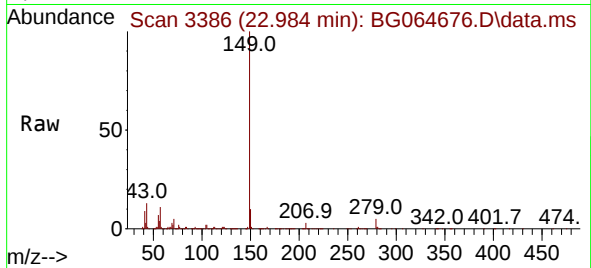




#85  
Di-n-octyl phthalate  
Concen: 46.381 ng  
RT: 22.984 min Scan# 31  
Delta R.T. -0.027 min  
Lab File: BG064676.D  
Acq: 3 Nov 2025 17:19

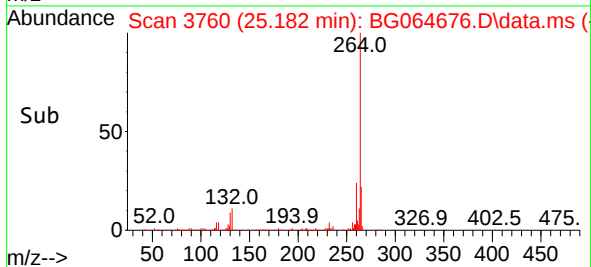
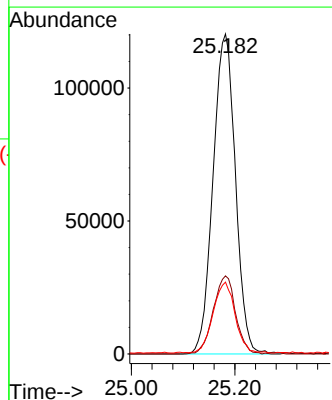
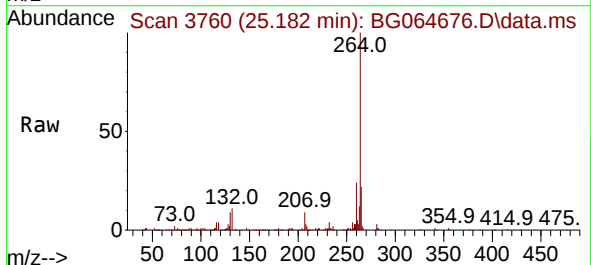
Instrument :  
BNA\_G  
ClientSampleId :  
PB170216BS

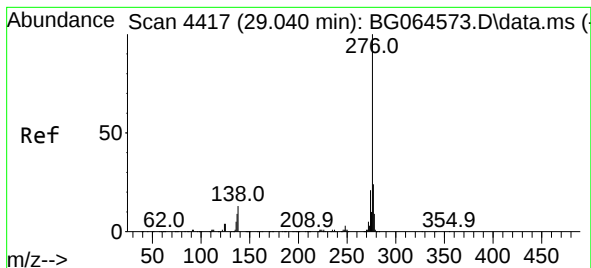
Tgt Ion:149 Resp: 788440  
Ion Ratio Lower Upper  
149 100  
167 1.6 1.3 1.9  
43 12.9 10.8 16.2



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 25.182 min Scan# 3760  
Delta R.T. -0.015 min  
Lab File: BG064676.D  
Acq: 3 Nov 2025 17:19

Tgt Ion:264 Resp: 361251  
Ion Ratio Lower Upper  
264 100  
260 24.4 19.0 28.4  
265 22.5 17.6 26.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 45.034 ng

RT: 29.007 min Scan# 4417

Delta R.T. -0.033 min

Lab File: BG064676.D

Acq: 3 Nov 2025 17:19

Instrument :

BNA\_G

ClientSampleId :

PB170216BS

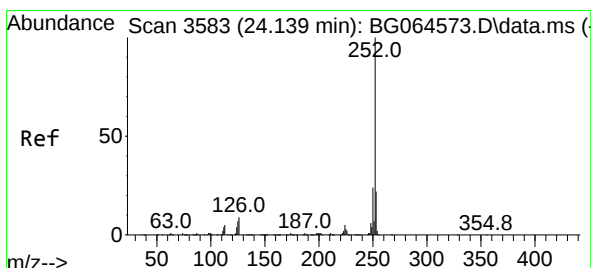
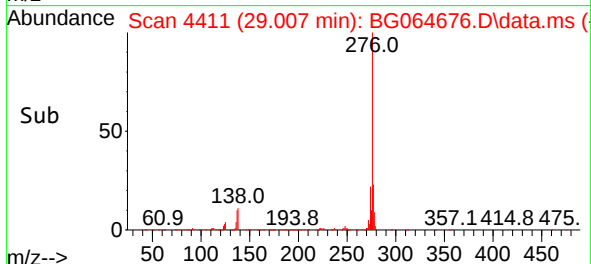
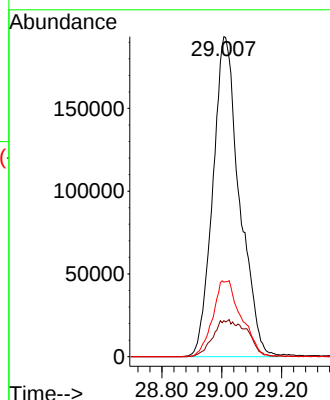
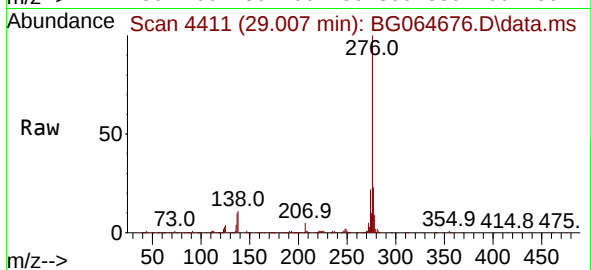
Tgt Ion:276 Resp: 1196767

Ion Ratio Lower Upper

276 100

138 0.0 10.8 16.2#

277 10.6 20.1 30.1#



#88

Benzo(b)fluoranthene

Concen: 45.141 ng

RT: 24.124 min Scan# 3580

Delta R.T. -0.015 min

Lab File: BG064676.D

Acq: 3 Nov 2025 17:19

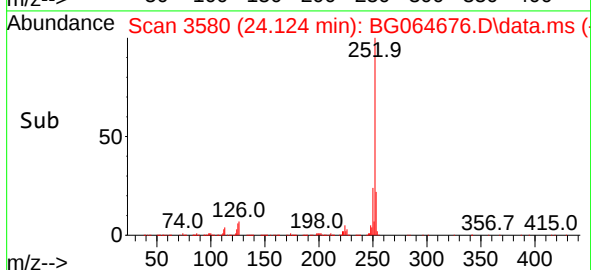
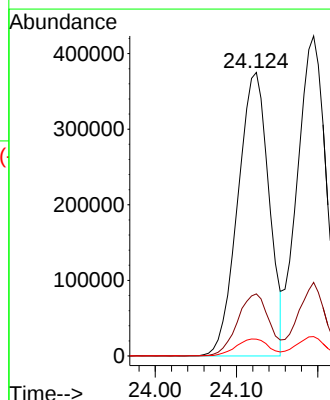
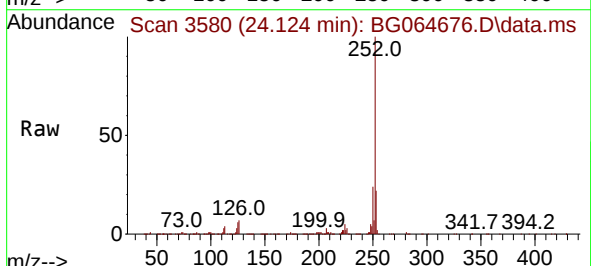
Tgt Ion:252 Resp: 999955

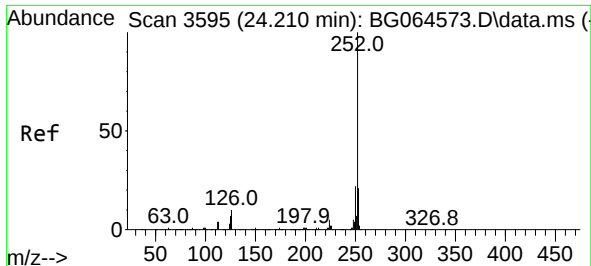
Ion Ratio Lower Upper

252 100

253 21.9 17.8 26.8

125 5.9 5.6 8.4

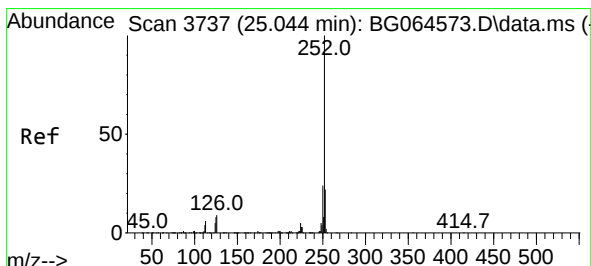
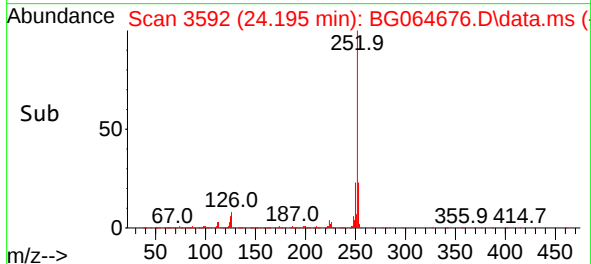
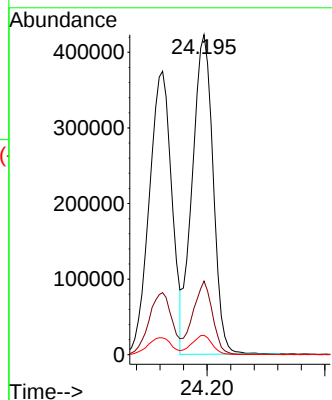
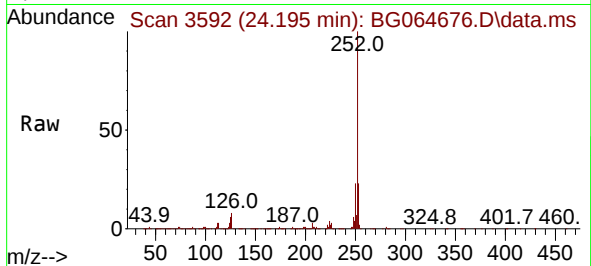




#89  
Benzo(k)fluoranthene  
Concen: 46.808 ng  
RT: 24.195 min Scan# 31  
Delta R.T. -0.015 min  
Lab File: BG064676.D  
Acq: 3 Nov 2025 17:19

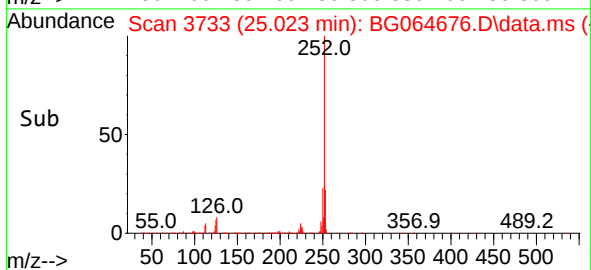
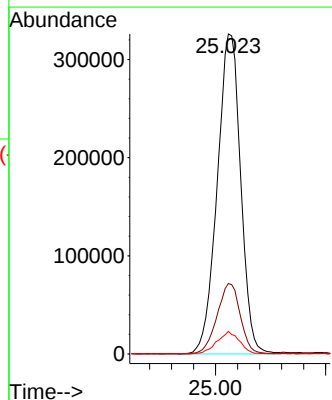
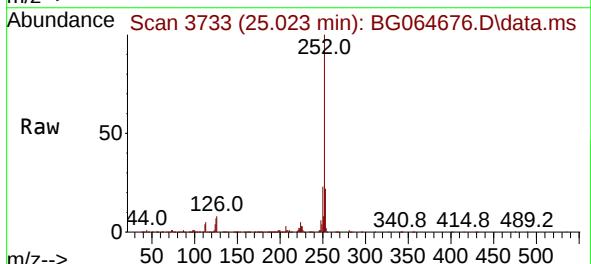
Instrument :  
BNA\_G  
ClientSampleId :  
PB170216BS

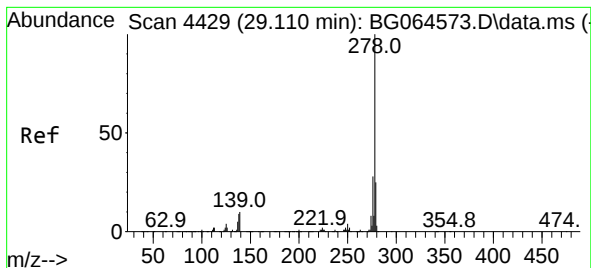
Tgt Ion:252 Resp: 1037592  
Ion Ratio Lower Upper  
252 100  
253 23.0 16.8 25.2  
125 6.0 5.4 8.0



#90  
Benzo(a)pyrene  
Concen: 47.360 ng  
RT: 25.023 min Scan# 3733  
Delta R.T. -0.021 min  
Lab File: BG064676.D  
Acq: 3 Nov 2025 17:19

Tgt Ion:252 Resp: 964357  
Ion Ratio Lower Upper  
252 100  
253 22.0 17.6 26.4  
125 7.1 6.1 9.1





#91

Dibenzo(a,h)anthracene

Concen: 45.998 ng

RT: 29.077 min Scan# 4429

Delta R.T. -0.033 min

Lab File: BG064676.D

Acq: 3 Nov 2025 17:19

Instrument :

BNA\_G

ClientSampleId :

PB170216BS

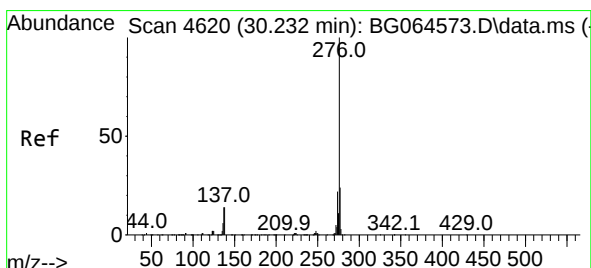
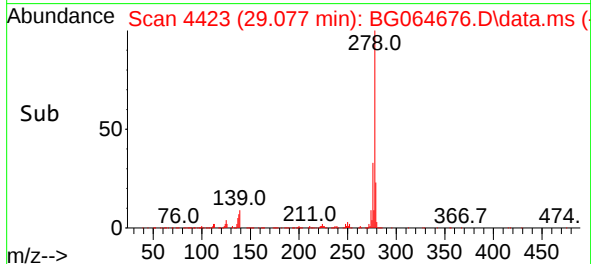
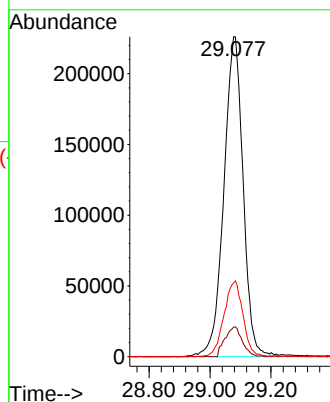
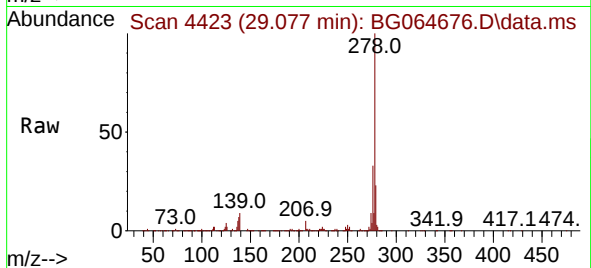
Tgt Ion:278 Resp: 993091

Ion Ratio Lower Upper

278 100

139 9.3 8.0 12.0

279 23.0 19.8 29.6



#92

Benzo(g,h,i)perylene

Concen: 46.601 ng

RT: 30.211 min Scan# 4616

Delta R.T. -0.021 min

Lab File: BG064676.D

Acq: 3 Nov 2025 17:19

Tgt Ion:276 Resp: 961121

Ion Ratio Lower Upper

276 100

277 23.5 19.1 28.7

138 13.0 11.3 16.9

