

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG090722\  
 Data File : BG054869.D  
 Acq On : 7 Sep 2022 14:59  
 Operator : CG/JU  
 Sample : PB147474BS  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB147474BS

Quant Time: Sep 08 06:47:24 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG082522.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Aug 25 17:50:55 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.147  | 152  | 39422    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.979 | 136  | 162625   | 20.000  | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 14.786 | 164  | 111437   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.536 | 188  | 257680   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 21.831 | 240  | 243355   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 25.215 | 264  | 261371   | 20.000  | ng    | 0.02     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.691  | 112  | 309409   | 136.673 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.307  | 99   | 412340   | 133.184 | ng    | 0.01     |
| 23) Nitrobenzene-d5           | 9.328  | 82   | 239903   | 77.442  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.273 | 330  | 191895   | 137.808 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.411 | 172  | 591849   | 79.826  | ng    | 0.00     |
| 79) Terphenyl-d14             | 20.133 | 244  | 1052486  | 85.693  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.523  | 88   | 33792    | 31.259  | ng    | 99       |
| 3) Pyridine                   | 3.934  | 79   | 92697    | 30.743  | ng    | 94       |
| 4) n-Nitrosodimethylamine     | 3.852  | 42   | 49273    | 37.803  | ng    | 95       |
| 6) Aniline                    | 7.471  | 93   | 145256   | 39.488  | ng    | 95       |
| 8) 2-Chlorophenol             | 7.712  | 128  | 124146   | 50.192  | ng    | 97       |
| 9) Benzaldehyde               | 7.283  | 77   | 30574    | 15.067  | ng    | 96       |
| 10) Phenol                    | 7.336  | 94   | 152299   | 47.834  | ng    | 97       |
| 11) bis(2-Chloroethyl)ether   | 7.559  | 93   | 109321   | 42.692  | ng    | 94       |
| 12) 1,3-Dichlorobenzene       | 8.035  | 146  | 126558   | 44.215  | ng    | 96       |
| 13) 1,4-Dichlorobenzene       | 8.182  | 146  | 128767   | 44.600  | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 8.505  | 146  | 126415   | 46.177  | ng    | 96       |
| 15) Benzyl Alcohol            | 8.388  | 79   | 105517   | 47.176  | ng    | 97       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.676  | 45   | 152801   | 38.135  | ng    | 97       |
| 17) 2-Methylphenol            | 8.593  | 107  | 105710   | 48.222  | ng    | 97       |
| 18) Hexachloroethane          | 9.240  | 117  | 45113    | 43.091  | ng    | 94       |
| 19) n-Nitroso-di-n-propyla... | 8.952  | 70   | 88871    | 41.742  | ng    | 95       |
| 20) 3+4-Methylphenols         | 8.922  | 107  | 142143   | 46.760  | ng    | 97       |
| 22) Acetophenone              | 8.981  | 105  | 177356   | 43.592  | ng    | # 98     |
| 24) Nitrobenzene              | 9.369  | 77   | 127738   | 40.910  | ng    | 96       |
| 25) Isophorone                | 9.886  | 82   | 247955   | 42.927  | ng    | 100      |
| 26) 2-Nitrophenol             | 10.080 | 139  | 69005    | 50.031  | ng    | 98       |
| 27) 2,4-Dimethylphenol        | 10.133 | 122  | 115904   | 53.038  | ng    | 97       |
| 28) bis(2-Chloroethoxy)met... | 10.368 | 93   | 150056   | 45.590  | ng    | 98       |
| 29) 2,4-Dichlorophenol        | 10.620 | 162  | 119732   | 48.170  | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 10.832 | 180  | 123453   | 43.462  | ng    | 98       |
| 31) Naphthalene               | 11.026 | 128  | 369777   | 42.380  | ng    | 99       |
| 32) Benzoic acid              | 10.315 | 122  | 26239    | 21.888  | ng    | 98       |
| 33) 4-Chloroaniline           | 11.137 | 127  | 109311   | 30.730  | ng    | 97       |
| 34) Hexachlorobutadiene       | 11.296 | 225  | 81667    | 44.874  | ng    | 98       |
| 35) Caprolactam               | 11.913 | 113  | 20079    | 22.897  | ng    | # 85     |
| 36) 4-Chloro-3-methylphenol   | 12.248 | 107  | 128022   | 47.100  | ng    | 98       |
| 37) 2-Methylnaphthalene       | 12.624 | 142  | 263495   | 43.087  | ng    | 100      |
| 38) 1-Methylnaphthalene       | 12.841 | 142  | 250740   | 42.143  | ng    | 98       |
| 40) 1,2,4,5-Tetrachloroben... | 12.988 | 216  | 149988   | 44.650  | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 12.959 | 237  | 146261   | 82.100  | ng    | 98       |
| 43) 2,4,6-Trichlorophenol     | 13.223 | 196  | 98725    | 44.278  | ng    | 100      |

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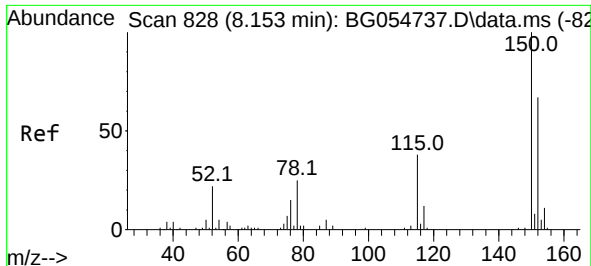
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB147474BS

Quant Time: Sep 08 06:47:24 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG082522.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Aug 25 17:50:55 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 13.305 | 196  | 108520   | 43.339 | ng    | 98       |
| 46) 1,1'-Biphenyl             | 13.623 | 154  | 360944   | 43.617 | ng    | 98       |
| 47) 2-Chloronaphthalene       | 13.670 | 162  | 264686   | 42.115 | ng    | 99       |
| 48) 2-Nitroaniline            | 13.870 | 65   | 83396    | 42.341 | ng    | 93       |
| 49) Acenaphthylene            | 14.510 | 152  | 442959   | 42.711 | ng    | 99       |
| 50) Dimethylphthalate         | 14.234 | 163  | 363209   | 42.306 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 14.357 | 165  | 81013    | 46.135 | ng    | 87       |
| 52) Acenaphthene              | 14.851 | 154  | 262471   | 39.399 | ng    | 99       |
| 53) 3-Nitroaniline            | 14.692 | 138  | 68329    | 34.760 | ng    | 87       |
| 54) 2,4-Dinitrophenol         | 14.904 | 184  | 83483    | 83.884 | ng    | 98       |
| 55) Dibenzofuran              | 15.186 | 168  | 421287   | 43.037 | ng    | 99       |
| 56) 4-Nitrophenol             | 15.009 | 139  | 130713   | 85.926 | ng    | 92       |
| 57) 2,4-Dinitrotoluene        | 15.144 | 165  | 115102   | 47.389 | ng    | 86       |
| 58) Fluorene                  | 15.832 | 166  | 352100   | 42.696 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.409 | 232  | 91132    | 40.374 | ng    | 99       |
| 60) Diethylphthalate          | 15.585 | 149  | 364104   | 42.472 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 15.814 | 204  | 185319   | 45.553 | ng    | 98       |
| 62) 4-Nitroaniline            | 15.855 | 138  | 88917    | 44.304 | ng    | 95       |
| 63) Azobenzene                | 16.108 | 77   | 316758   | 38.879 | ng    | 95       |
| 65) 4,6-Dinitro-2-methylph... | 15.908 | 198  | 62303    | 47.499 | ng    | 98       |
| 66) n-Nitrosodiphenylamine    | 16.032 | 169  | 322856   | 43.447 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 16.713 | 248  | 131210   | 46.378 | ng    | 95       |
| 68) Hexachlorobenzene         | 16.837 | 284  | 147765   | 46.461 | ng    | 95       |
| 69) Atrazine                  | 16.978 | 200  | 125718   | 47.955 | ng    | 98       |
| 70) Pentachlorophenol         | 17.183 | 266  | 140319   | 81.202 | ng    | 99       |
| 71) Phenanthrene              | 17.577 | 178  | 585265   | 42.637 | ng    | 99       |
| 72) Anthracene                | 17.671 | 178  | 593601   | 44.479 | ng    | 99       |
| 73) Carbazole                 | 17.935 | 167  | 558087   | 45.388 | ng    | 99       |
| 74) Di-n-butylphthalate       | 18.476 | 149  | 658156   | 42.300 | ng    | 99       |
| 75) Fluoranthene              | 19.580 | 202  | 719487   | 43.087 | ng    | 98       |
| 77) Benzidine                 | 19.757 | 184  | 304057   | 50.444 | ng    | 99       |
| 78) Pyrene                    | 19.945 | 202  | 730698   | 43.061 | ng    | 100      |
| 80) Butylbenzylphthalate      | 20.814 | 149  | 288400   | 40.746 | ng    | 94       |
| 81) Benzo(a)anthracene        | 21.813 | 228  | 704827   | 42.716 | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine    | 21.719 | 252  | 227956   | 39.404 | ng    | 98       |
| 83) Chrysene                  | 21.884 | 228  | 657772   | 41.693 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 21.690 | 149  | 423980   | 41.576 | ng    | 98       |
| 85) Di-n-octyl phthalate      | 22.953 | 149  | 718323   | 41.536 | ng    | # 94     |
| 87) Indeno(1,2,3-cd)pyrene    | 29.122 | 276  | 846530   | 42.663 | ng    | # 94     |
| 88) Benzo(b)fluoranthene      | 24.134 | 252  | 749483   | 45.711 | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 24.204 | 252  | 729548   | 44.212 | ng    | 98       |
| 90) Benzo(a)pyrene            | 25.056 | 252  | 658968   | 47.042 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 29.187 | 278  | 738382   | 45.677 | ng    | 98       |
| 92) Benzo(g,h,i)perylene      | 30.344 | 276  | 729007   | 44.639 | ng    | 97       |

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

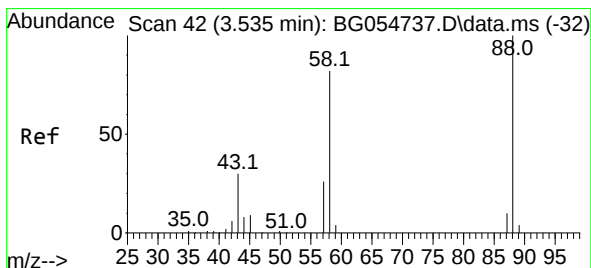
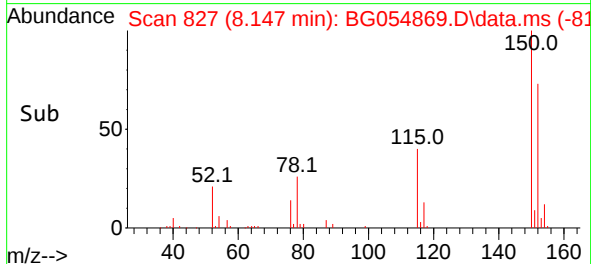
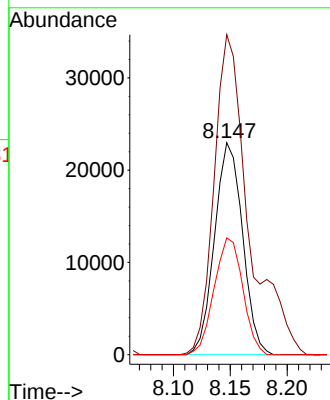
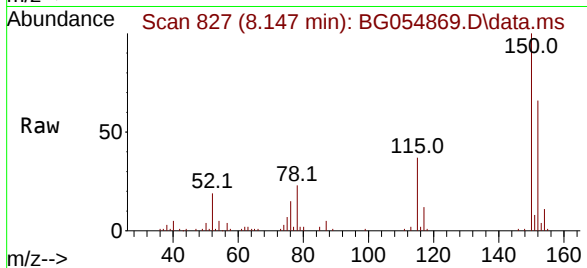




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.147 min Scan# 81  
Delta R.T. -0.006 min  
Lab File: BG054869.D  
Acq: 7 Sep 2022 14:59

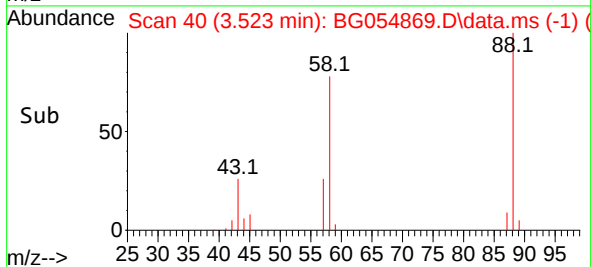
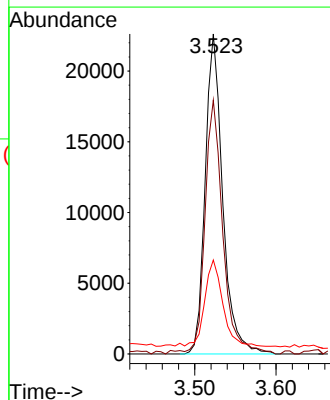
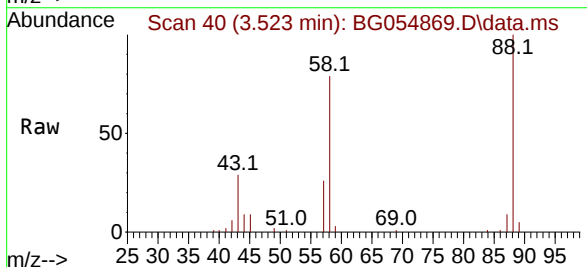
Instrument :  
BNA\_G  
ClientSampleId :  
PB147474BS

Tgt Ion:152 Resp: 39422  
Ion Ratio Lower Upper  
152 100  
150 150.9 125.2 187.8  
115 55.1 47.9 71.9



#2  
1,4-Dioxane  
Concen: 31.259 ng  
RT: 3.523 min Scan# 40  
Delta R.T. -0.013 min  
Lab File: BG054869.D  
Acq: 7 Sep 2022 14:59

Tgt Ion: 88 Resp: 33792  
Ion Ratio Lower Upper  
88 100  
58 81.7 65.9 98.9  
43 28.5 22.7 34.1





#3

Pyridine

Concen: 30.743 ng

RT: 3.934 min Scan# 11

Delta R.T. -0.013 min

Lab File: BG054869.D

Acq: 7 Sep 2022 14:59

Instrument :

BNA\_G

ClientSampleId :

PB147474BS

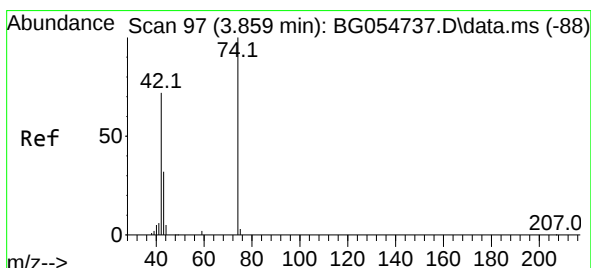
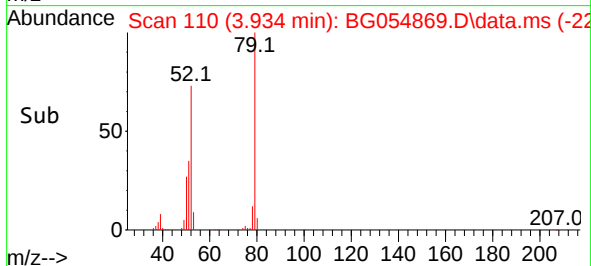
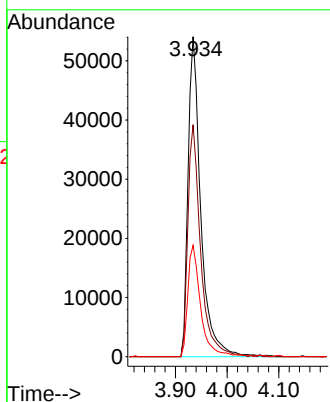
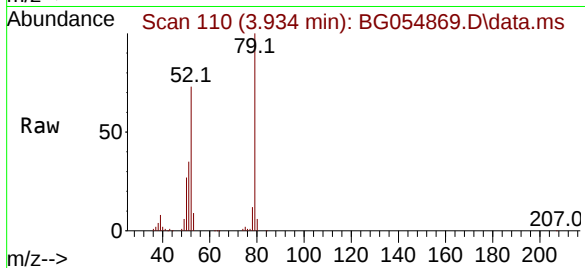
Tgt Ion: 79 Resp: 92697

Ion Ratio Lower Upper

79 100

52 72.5 61.4 92.0

51 34.8 31.4 47.0



#4

n-Nitrosodimethylamine

Concen: 37.803 ng

RT: 3.852 min Scan# 96

Delta R.T. -0.007 min

Lab File: BG054869.D

Acq: 7 Sep 2022 14:59

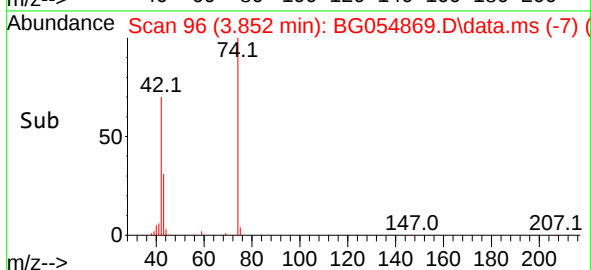
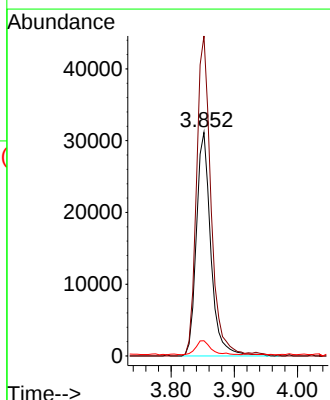
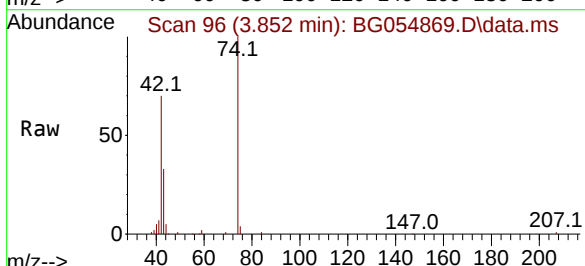
Tgt Ion: 42 Resp: 49273

Ion Ratio Lower Upper

42 100

74 143.1 109.6 164.4

44 6.8 5.5 8.3

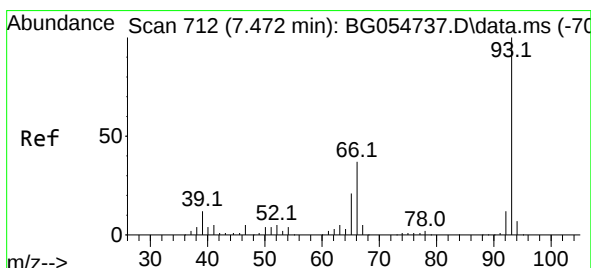
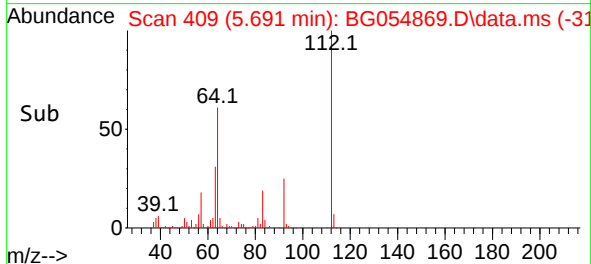
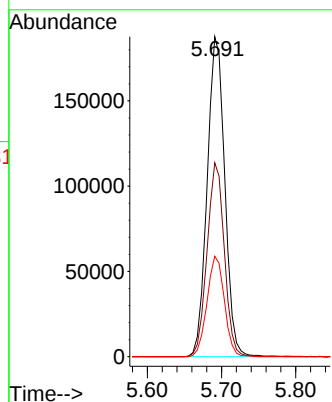
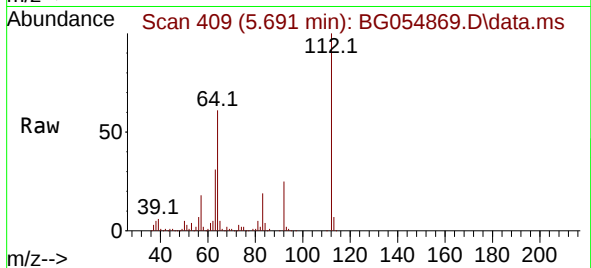




#5  
2-Fluorophenol  
Concen: 136.673 ng  
RT: 5.691 min Scan# 408  
Delta R.T. 0.005 min  
Lab File: BG054869.D  
Acq: 7 Sep 2022 14:59

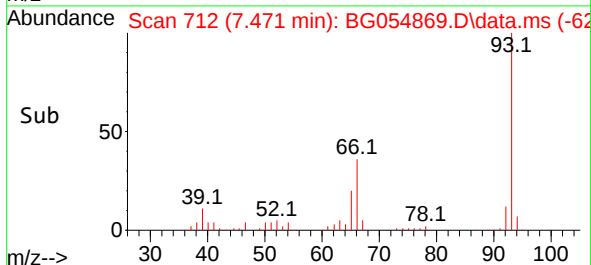
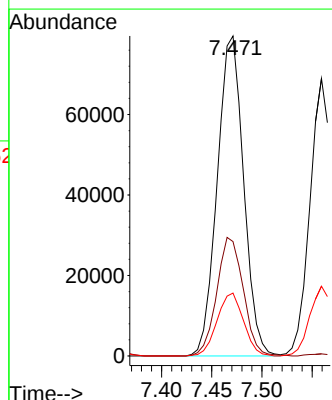
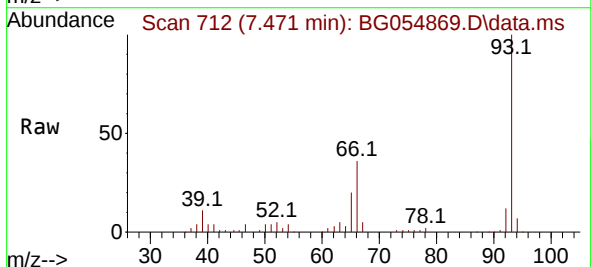
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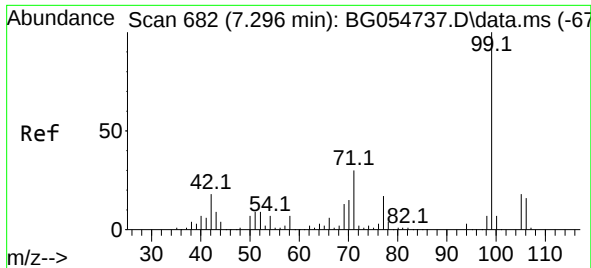
Tgt Ion:112 Resp: 309409  
Ion Ratio Lower Upper  
112 100  
64 60.6 49.3 73.9  
63 31.4 26.3 39.5



#6  
Aniline  
Concen: 39.488 ng  
RT: 7.471 min Scan# 712  
Delta R.T. -0.001 min  
Lab File: BG054869.D  
Acq: 7 Sep 2022 14:59

Tgt Ion: 93 Resp: 145256  
Ion Ratio Lower Upper  
93 100  
66 35.8 31.8 47.8  
65 19.7 16.6 25.0

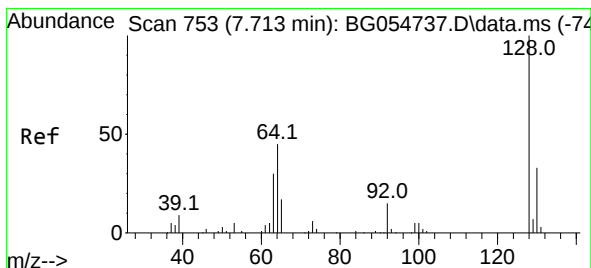
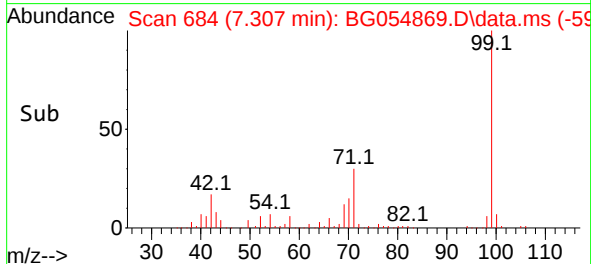
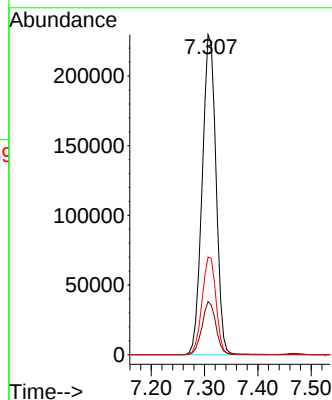
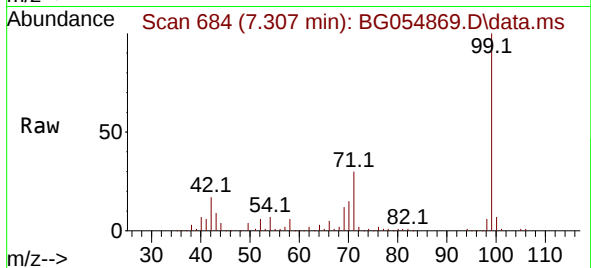




#7  
Phenol-d6  
Concen: 133.184 ng  
RT: 7.307 min Scan# 684  
Delta R.T. 0.011 min  
Lab File: BG054869.D  
Acq: 7 Sep 2022 14:59

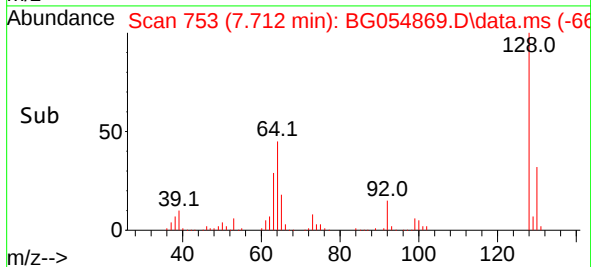
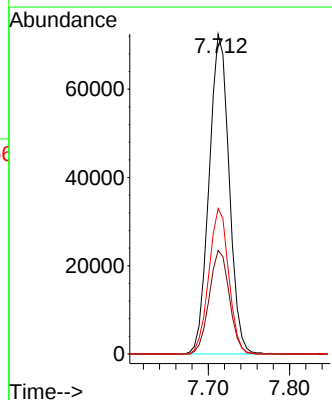
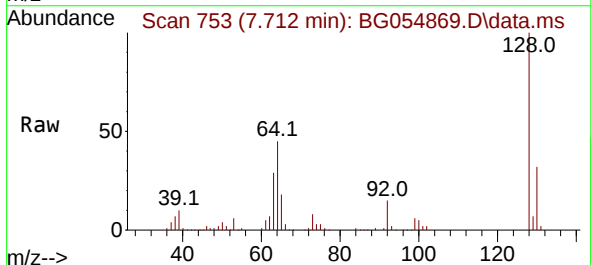
Instrument :  
BNA\_G  
ClientSampleId :  
PB147474BS

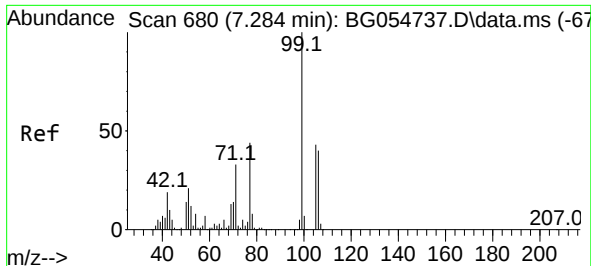
Tgt Ion: 99 Resp: 412340  
Ion Ratio Lower Upper  
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71 30.5 24.6 37.0



#8  
2-Chlorophenol  
Concen: 50.192 ng  
RT: 7.712 min Scan# 753  
Delta R.T. -0.001 min  
Lab File: BG054869.D  
Acq: 7 Sep 2022 14:59

Tgt Ion:128 Resp: 124146  
Ion Ratio Lower Upper  
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130 32.3 12.5 52.5  
64 45.5 28.6 68.6

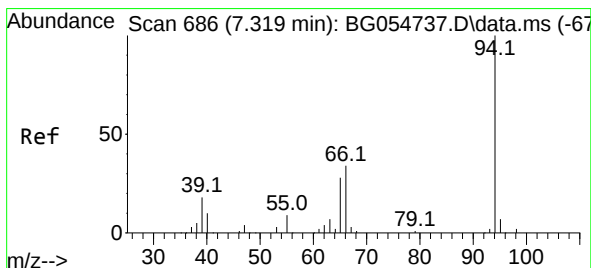
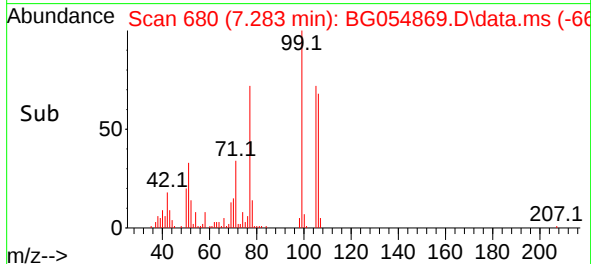
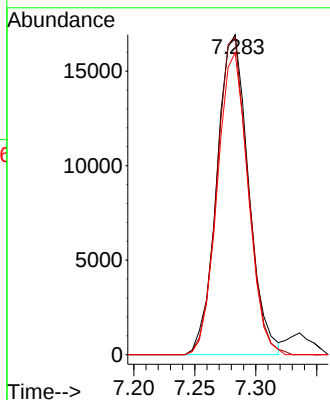
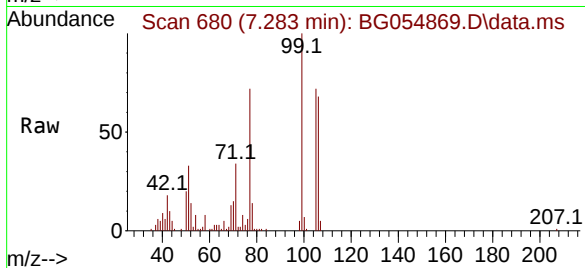




#9  
Benzaldehyde  
Concen: 15.067 ng  
RT: 7.283 min Scan# 61  
Delta R.T. -0.001 min  
Lab File: BG054869.D  
Acq: 7 Sep 2022 14:59

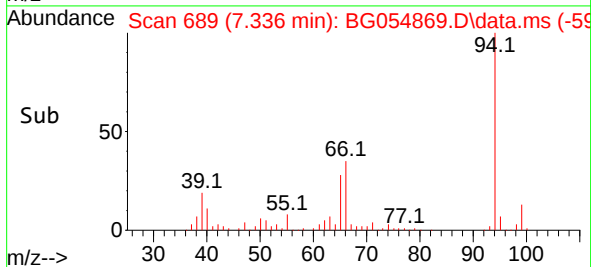
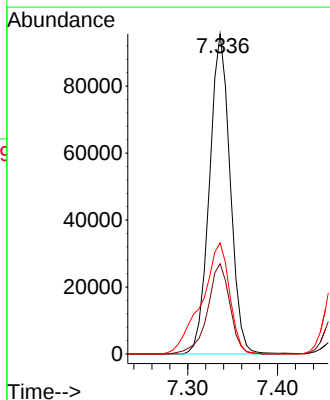
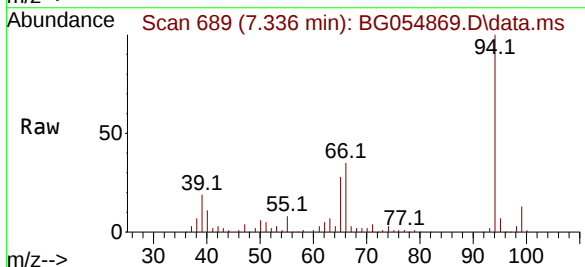
Instrument :  
BNA\_G  
ClientSampleId :  
PB147474BS

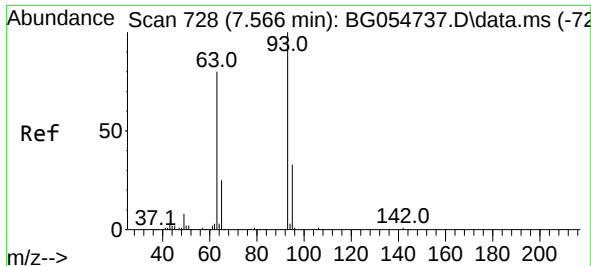
Tgt Ion: 77 Resp: 30574  
Ion Ratio Lower Upper  
77 100  
105 99.2 75.3 115.3  
106 94.4 70.2 110.2



#10  
Phenol  
Concen: 47.834 ng  
RT: 7.336 min Scan# 689  
Delta R.T. 0.017 min  
Lab File: BG054869.D  
Acq: 7 Sep 2022 14:59

Tgt Ion: 94 Resp: 152299  
Ion Ratio Lower Upper  
94 100  
65 28.2 9.9 49.9  
66 34.7 16.4 56.4

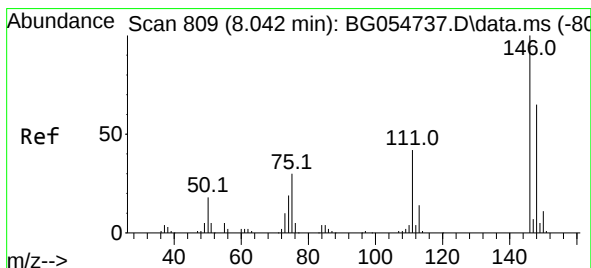
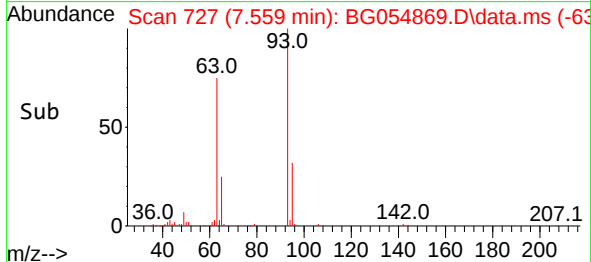
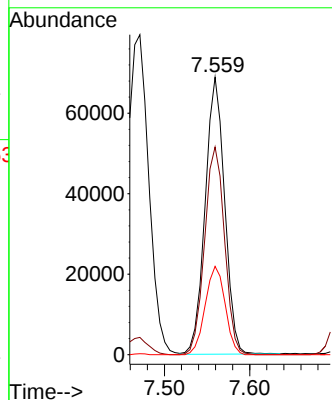
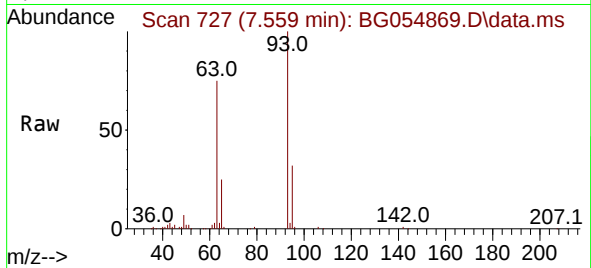




#11  
bis(2-Chloroethyl)ether  
Concen: 42.692 ng  
RT: 7.559 min Scan# 71  
Delta R.T. -0.007 min  
Lab File: BG054869.D  
Acq: 7 Sep 2022 14:59

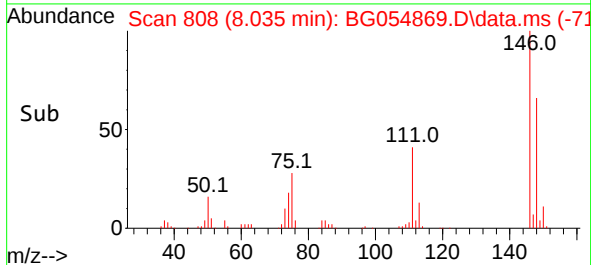
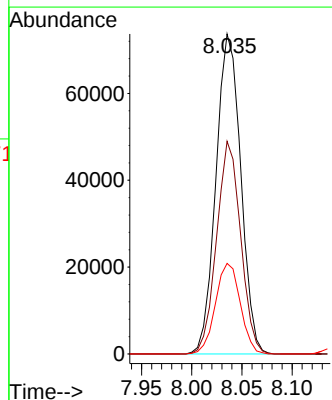
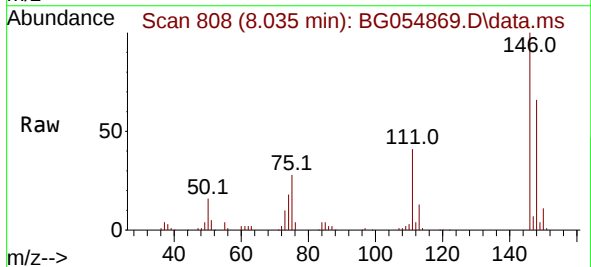
Instrument :  
BNA\_G  
ClientSampleId :  
PB147474BS

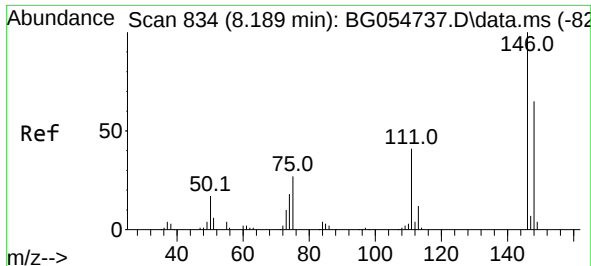
Tgt Ion: 93 Resp: 109321  
Ion Ratio Lower Upper  
93 100  
63 74.9 62.1 102.1  
95 31.8 12.1 52.1



#12  
1,3-Dichlorobenzene  
Concen: 44.215 ng  
RT: 8.035 min Scan# 808  
Delta R.T. -0.007 min  
Lab File: BG054869.D  
Acq: 7 Sep 2022 14:59

Tgt Ion:146 Resp: 126558  
Ion Ratio Lower Upper  
146 100  
148 66.5 50.6 76.0  
75 28.3 24.3 36.5





#13

1,4-Dichlorobenzene

Concen: 44.600 ng

RT: 8.182 min Scan# 81

Delta R.T. -0.007 min

Lab File: BG054869.D

Acq: 7 Sep 2022 14:59

Instrument :

BNA\_G

ClientSampleId :

PB147474BS

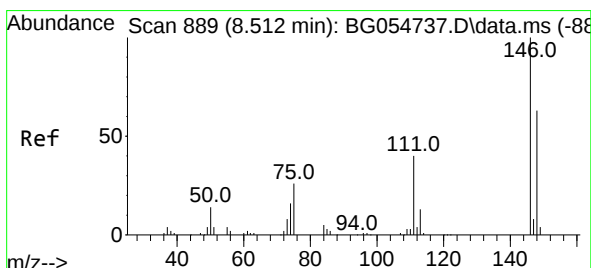
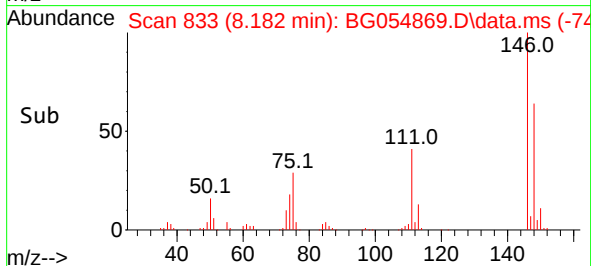
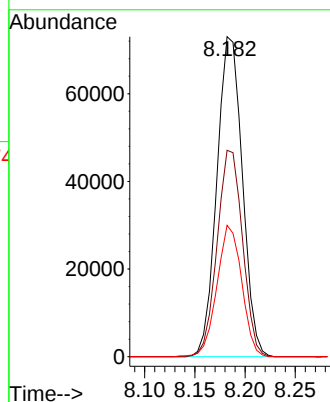
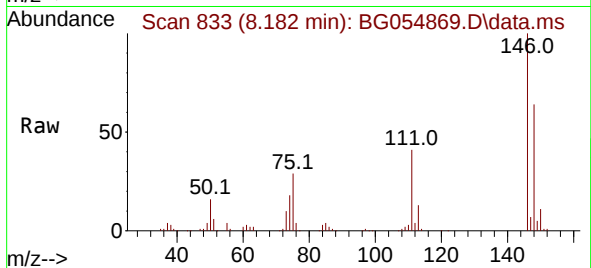
Tgt Ion:146 Resp: 128767

Ion Ratio Lower Upper

146 100

148 64.5 50.4 75.6

111 41.0 33.0 49.4



#14

1,2-Dichlorobenzene

Concen: 46.177 ng

RT: 8.505 min Scan# 888

Delta R.T. -0.007 min

Lab File: BG054869.D

Acq: 7 Sep 2022 14:59

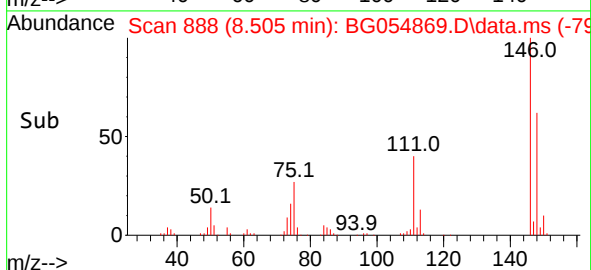
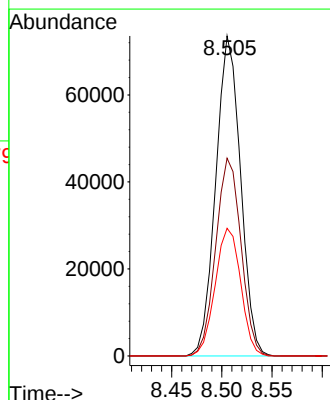
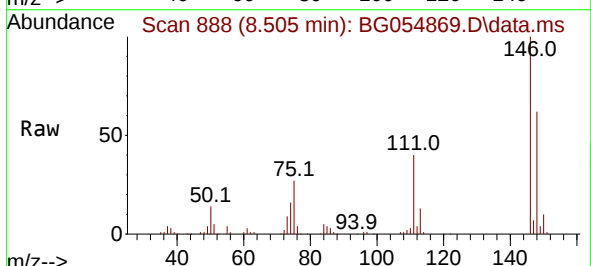
Tgt Ion:146 Resp: 126415

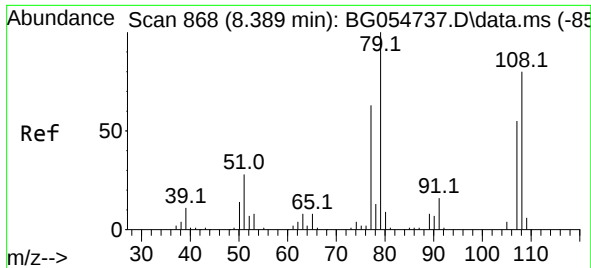
Ion Ratio Lower Upper

146 100

148 61.8 51.2 76.8

111 39.9 34.3 51.5

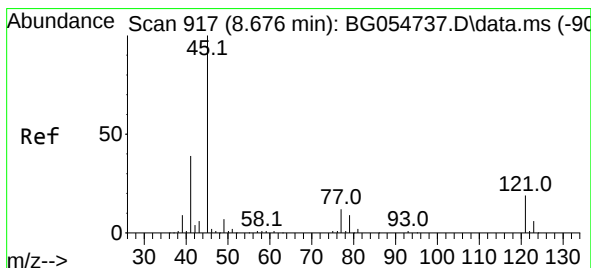
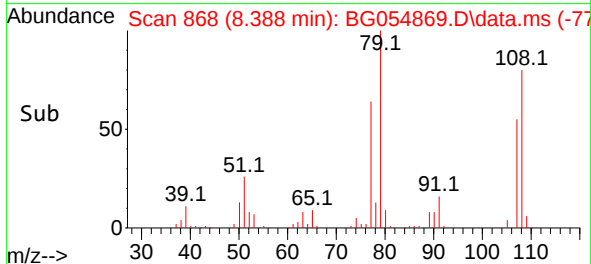
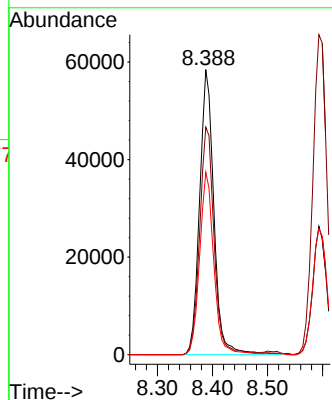
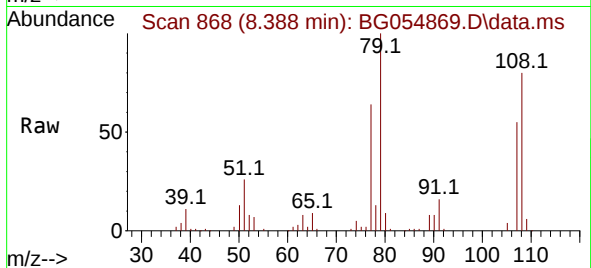




#15  
Benzyl Alcohol  
Concen: 47.176 ng  
RT: 8.388 min Scan# 80  
Delta R.T. -0.001 min  
Lab File: BG054869.D  
Acq: 7 Sep 2022 14:59

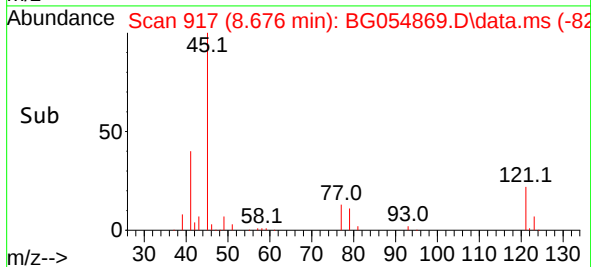
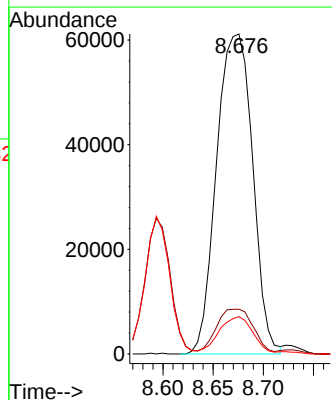
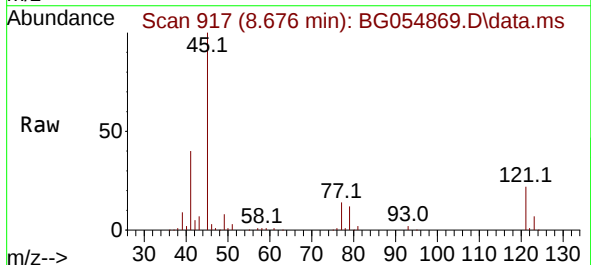
Instrument :  
BNA\_G  
ClientSampleId :  
PB147474BS

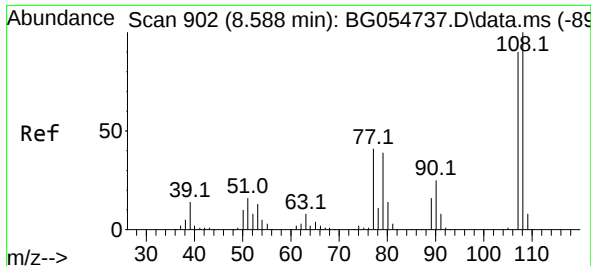
Tgt Ion: 79 Resp: 105517  
Ion Ratio Lower Upper  
79 100  
108 79.8 63.4 95.0  
77 64.0 55.0 82.4



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 38.135 ng  
RT: 8.676 min Scan# 917  
Delta R.T. -0.001 min  
Lab File: BG054869.D  
Acq: 7 Sep 2022 14:59

Tgt Ion: 45 Resp: 152801  
Ion Ratio Lower Upper  
45 100  
77 14.0 0.0 32.8  
79 11.7 0.0 30.4

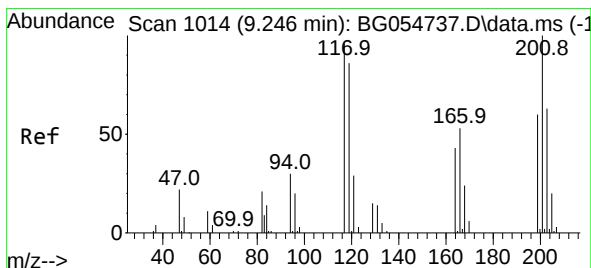
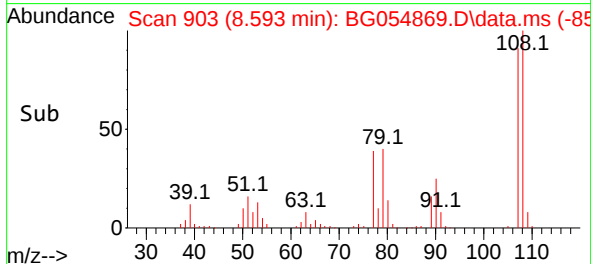
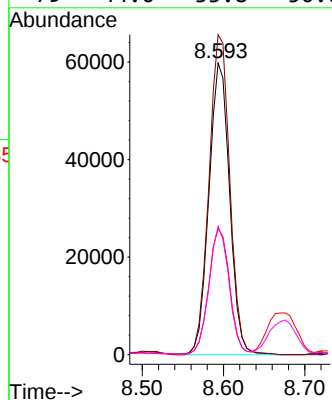
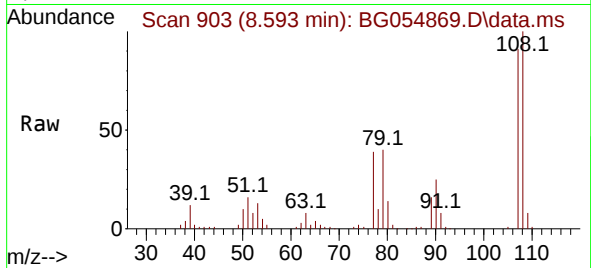




#17  
2-Methylphenol  
Concen: 48.222 ng  
RT: 8.593 min Scan# 90  
Delta R.T. 0.005 min  
Lab File: BG054869.D  
Acq: 7 Sep 2022 14:59

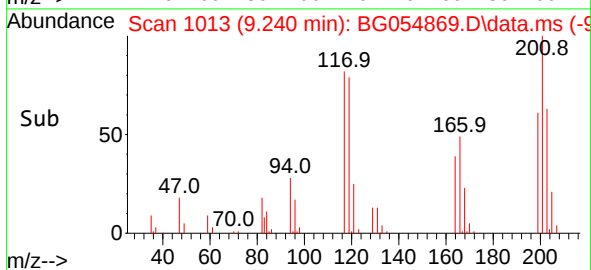
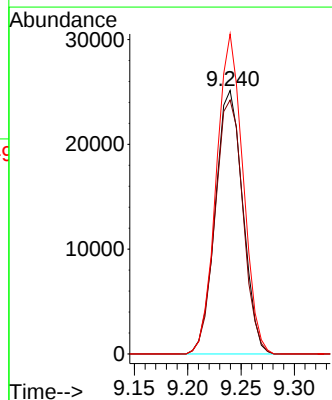
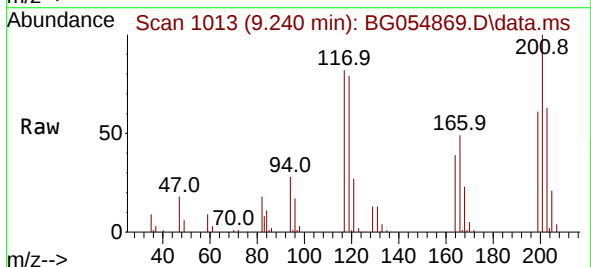
Instrument :  
BNA\_G  
ClientSampleId :  
PB147474BS

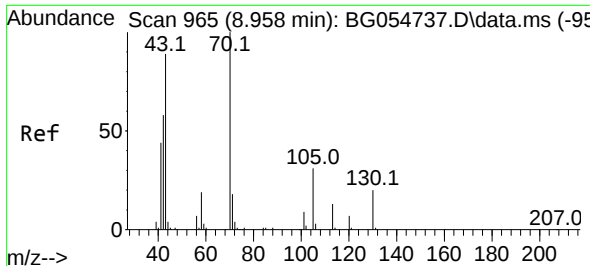
Tgt Ion:107 Resp: 105710  
Ion Ratio Lower Upper  
107 100  
108 109.7 85.6 128.4  
77 43.3 35.8 53.8  
79 44.0 33.8 50.6



#18  
Hexachloroethane  
Concen: 43.091 ng  
RT: 9.240 min Scan# 1013  
Delta R.T. -0.007 min  
Lab File: BG054869.D  
Acq: 7 Sep 2022 14:59

Tgt Ion:117 Resp: 45113  
Ion Ratio Lower Upper  
117 100  
119 96.4 77.0 115.6  
201 121.5 87.2 130.8



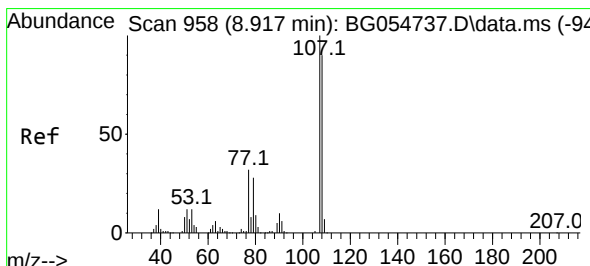
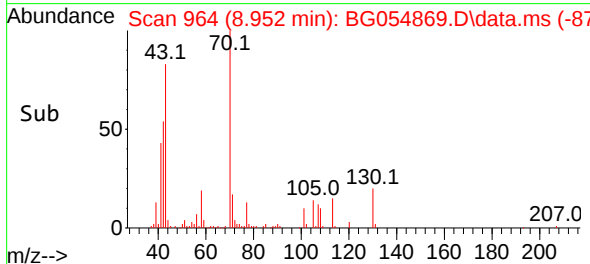
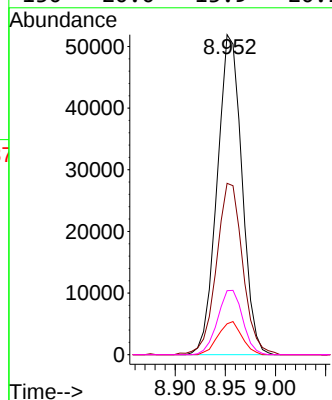
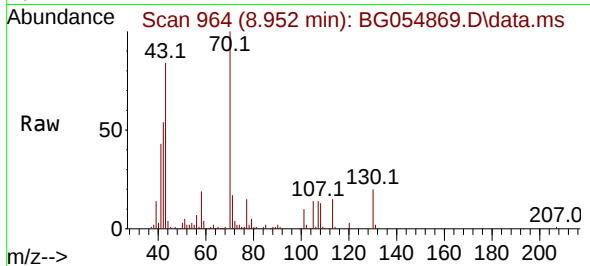


#19  
n-Nitroso-di-n-propylamine  
Concen: 41.742 ng  
RT: 8.952 min Scan# 90  
Delta R.T. -0.007 min  
Lab File: BG054869.D  
Acq: 7 Sep 2022 14:59

Instrument :  
BNA\_G  
ClientSampleId :  
PB147474BS

Tgt Ion: 70 Resp: 88871

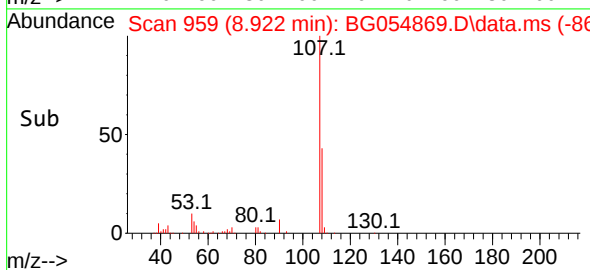
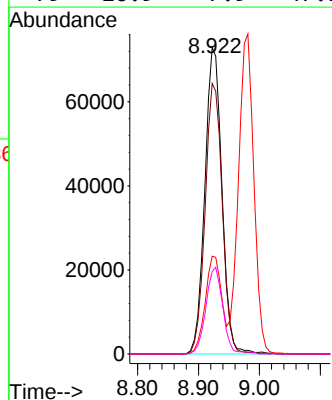
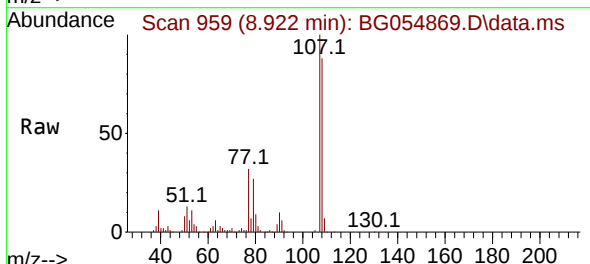
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 70  | 100   |       |       |
| 42  | 53.5  | 46.6  | 69.8  |
| 101 | 9.6   | 7.7   | 11.5  |
| 130 | 20.0  | 13.9  | 20.9  |



#20  
3+4-Methylphenols  
Concen: 46.760 ng  
RT: 8.922 min Scan# 959  
Delta R.T. 0.005 min  
Lab File: BG054869.D  
Acq: 7 Sep 2022 14:59

Tgt Ion: 107 Resp: 142143

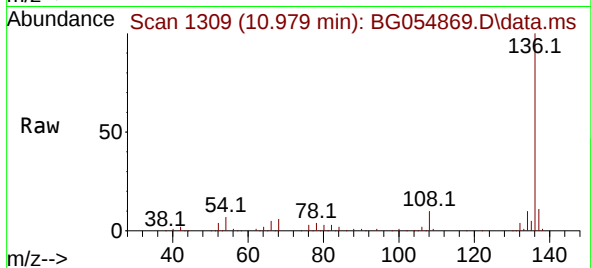
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 107 | 100   |       |       |
| 108 | 88.2  | 71.6  | 111.6 |
| 77  | 31.9  | 13.1  | 53.1  |
| 79  | 26.9  | 7.9   | 47.9  |



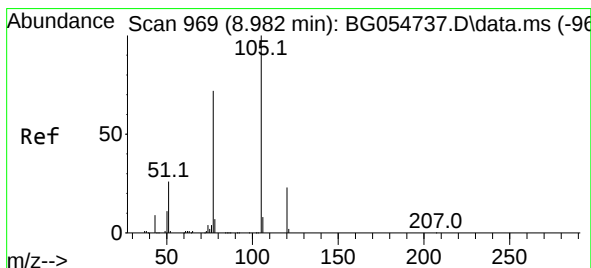
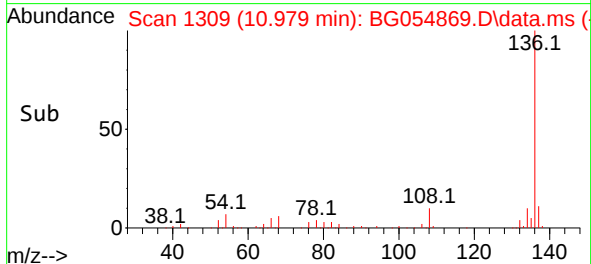
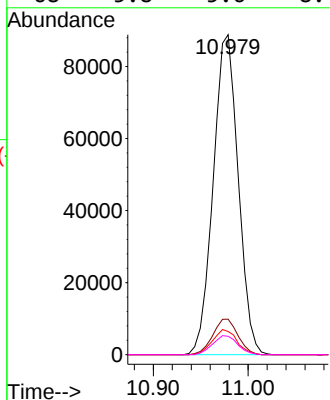


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.979 min Scan# 11  
Delta R.T. -0.001 min  
Lab File: BG054869.D  
Acq: 7 Sep 2022 14:59

Instrument :  
BNA\_G  
ClientSampleId :  
PB147474BS

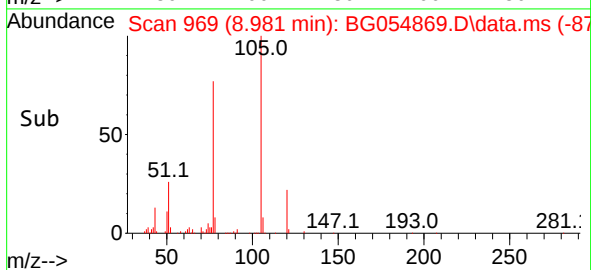
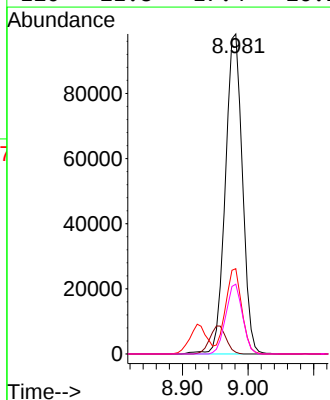
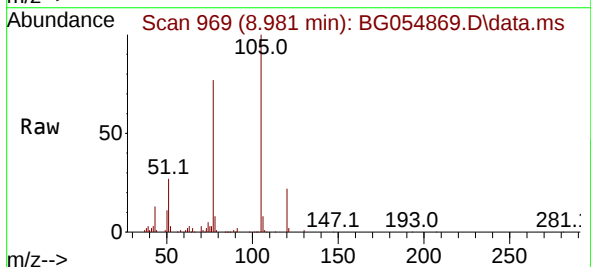


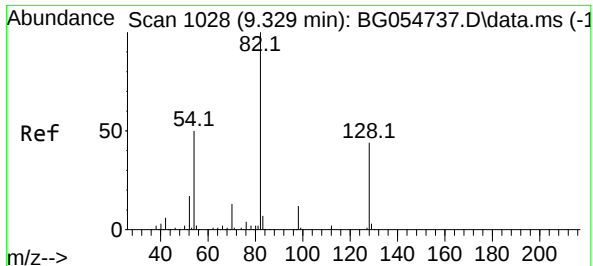
Tgt Ion:136 Resp: 162625  
Ion Ratio Lower Upper  
136 100  
137 11.1 9.2 13.8  
54 7.3 7.7 11.5#  
68 5.8 5.6 8.4



#22  
Acetophenone  
Concen: 43.592 ng  
RT: 8.981 min Scan# 969  
Delta R.T. -0.001 min  
Lab File: BG054869.D  
Acq: 7 Sep 2022 14:59

Tgt Ion:105 Resp: 177356  
Ion Ratio Lower Upper  
105 100  
71 0.5 1.2 1.8#  
51 26.6 22.9 34.3  
120 21.8 17.4 26.2





#23

Nitrobenzene-d5

Concen: 77.442 ng

RT: 9.328 min Scan# 1028

Delta R.T. -0.001 min

Lab File: BG054869.D

Acq: 7 Sep 2022 14:59

Instrument :

BNA\_G

ClientSampleId :

PB147474BS

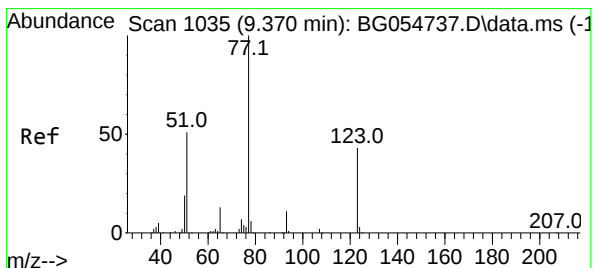
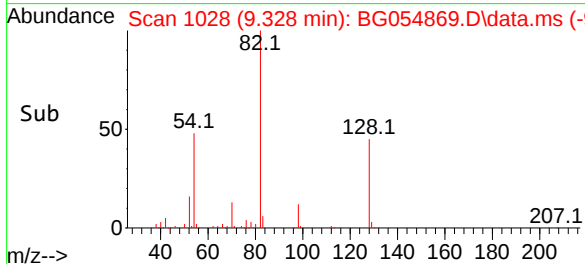
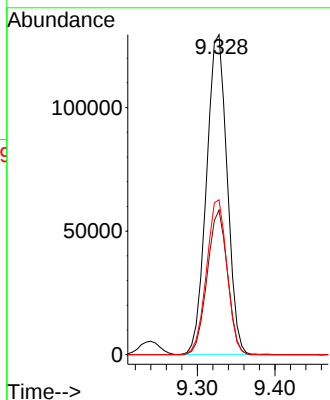
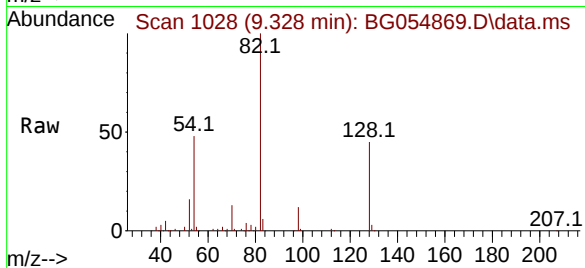
Tgt Ion: 82 Resp: 239903

Ion Ratio Lower Upper

82 100

128 45.1 32.2 48.2

54 48.4 41.4 62.0



#24

Nitrobenzene

Concen: 40.910 ng

RT: 9.369 min Scan# 1035

Delta R.T. -0.001 min

Lab File: BG054869.D

Acq: 7 Sep 2022 14:59

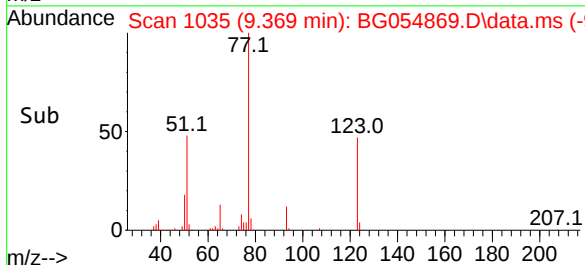
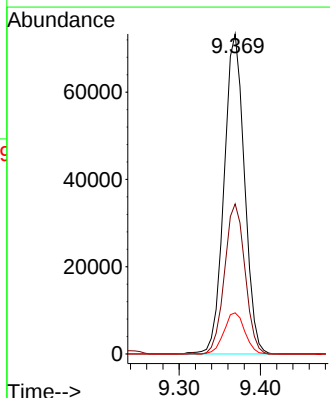
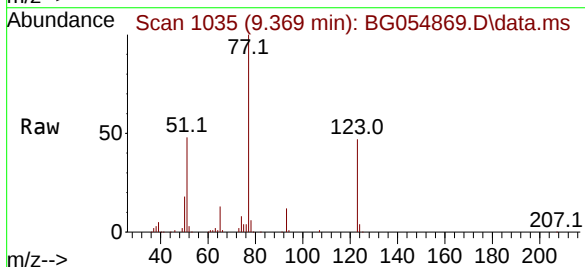
Tgt Ion: 77 Resp: 127738

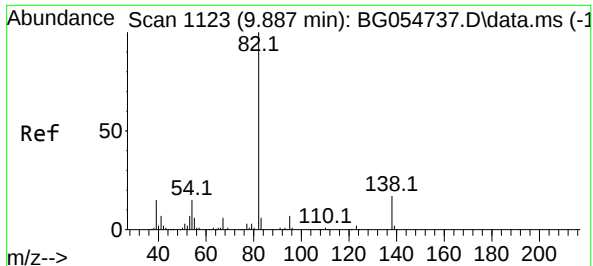
Ion Ratio Lower Upper

77 100

123 46.9 35.0 52.6

65 12.8 10.2 15.2

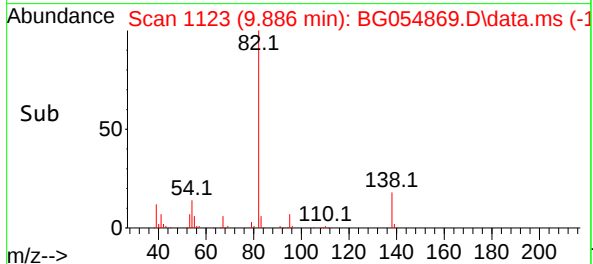
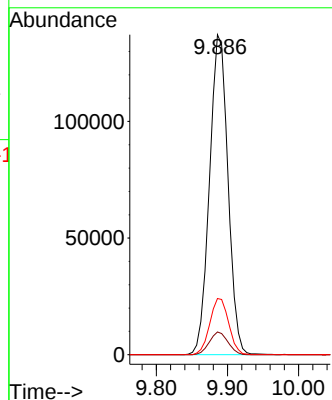
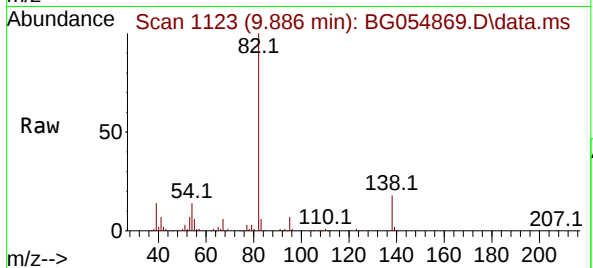




#25  
Isophorone  
Concen: 42.927 ng  
RT: 9.886 min Scan# 1123  
Delta R.T. -0.001 min  
Lab File: BG054869.D  
Acq: 7 Sep 2022 14:59

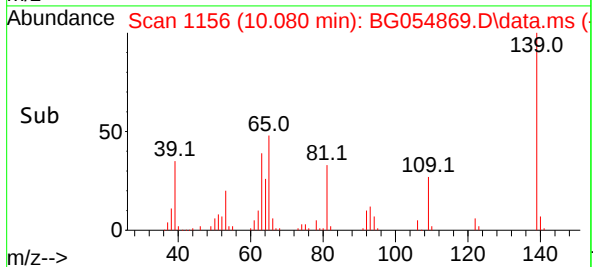
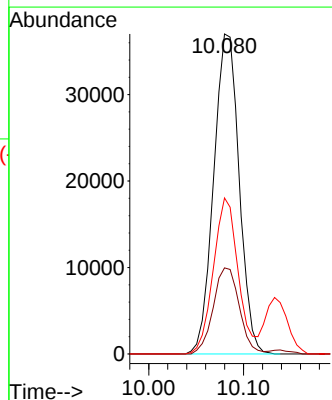
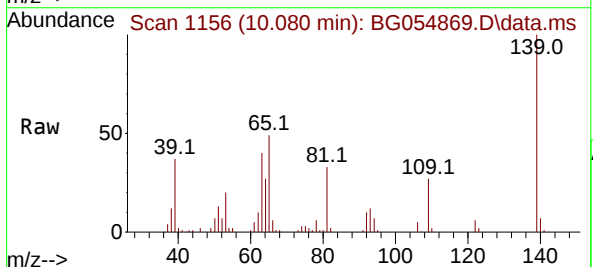
Instrument :  
BNA\_G  
ClientSampleId :  
PB147474BS

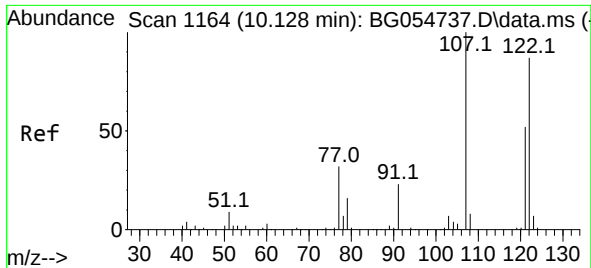
Tgt Ion: 82 Resp: 247955  
Ion Ratio Lower Upper  
82 100  
95 7.1 5.6 8.4  
138 17.5 13.9 20.9



#26  
2-Nitrophenol  
Concen: 50.031 ng  
RT: 10.080 min Scan# 1156  
Delta R.T. -0.001 min  
Lab File: BG054869.D  
Acq: 7 Sep 2022 14:59

Tgt Ion: 139 Resp: 69005  
Ion Ratio Lower Upper  
139 100  
109 26.9 21.8 32.6  
65 48.8 37.4 56.0

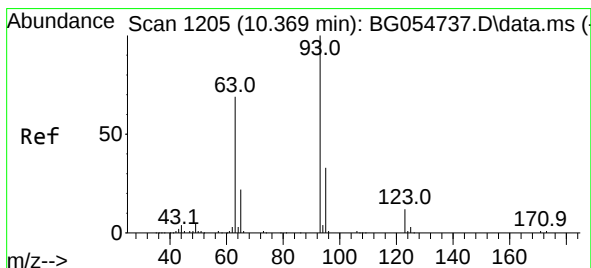
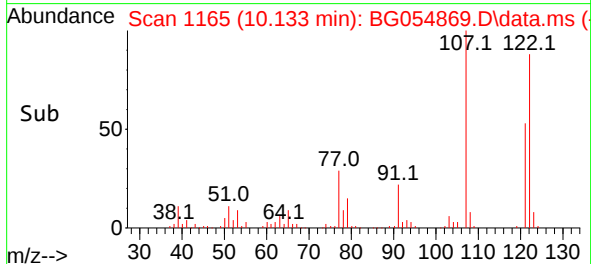
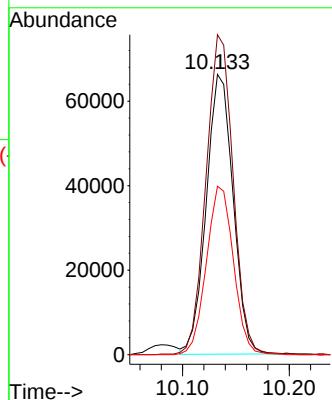
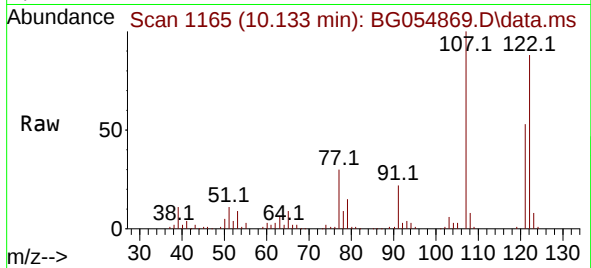




#27  
2,4-Dimethylphenol  
Concen: 53.038 ng  
RT: 10.133 min Scan# 1165  
Delta R.T. 0.005 min  
Lab File: BG054869.D  
Acq: 7 Sep 2022 14:59

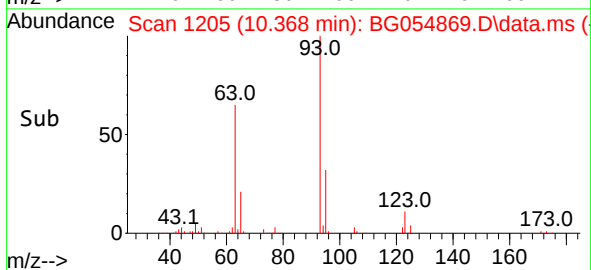
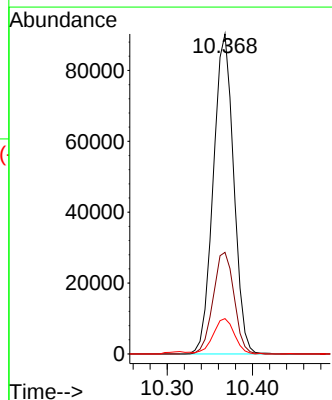
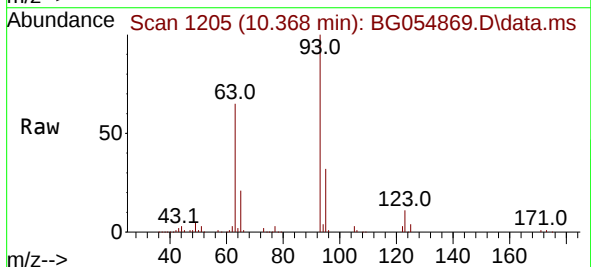
Instrument :  
BNA\_G  
ClientSampleId :  
PB147474BS

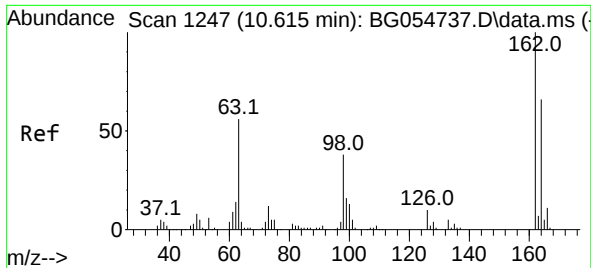
Tgt Ion:122 Resp: 115904  
Ion Ratio Lower Upper  
122 100  
107 114.1 94.6 142.0  
121 60.1 49.8 74.6



#28  
bis(2-Chloroethoxy)methane  
Concen: 45.590 ng  
RT: 10.368 min Scan# 1205  
Delta R.T. -0.001 min  
Lab File: BG054869.D  
Acq: 7 Sep 2022 14:59

Tgt Ion: 93 Resp: 150056  
Ion Ratio Lower Upper  
93 100  
95 31.8 26.2 39.2  
123 11.1 8.4 12.6





#29

2,4-Dichlorophenol

Concen: 48.170 ng

RT: 10.620 min Scan# 1

Delta R.T. 0.005 min

Lab File: BG054869.D

Acq: 7 Sep 2022 14:59

Instrument :

BNA\_G

ClientSampleId :

PB147474BS

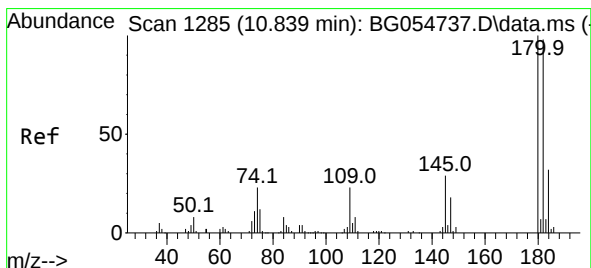
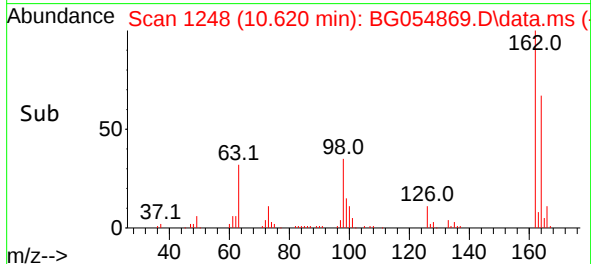
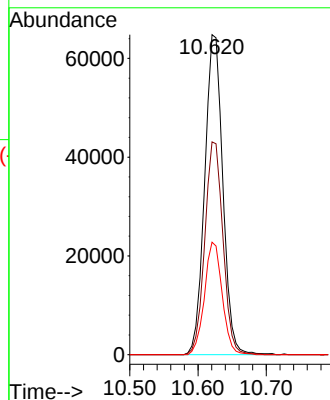
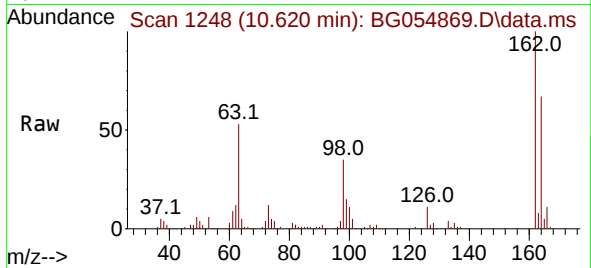
Tgt Ion:162 Resp: 119732

Ion Ratio Lower Upper

162 100

164 66.5 47.2 87.2

98 35.1 16.6 56.6



#30

1,2,4-Trichlorobenzene

Concen: 43.462 ng

RT: 10.832 min Scan# 1284

Delta R.T. -0.007 min

Lab File: BG054869.D

Acq: 7 Sep 2022 14:59

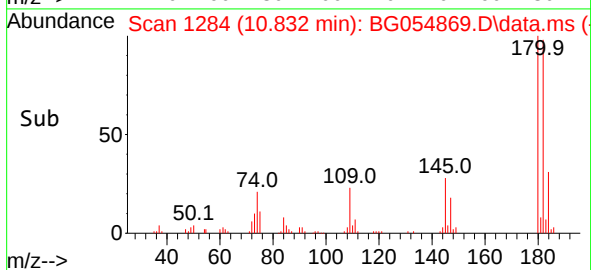
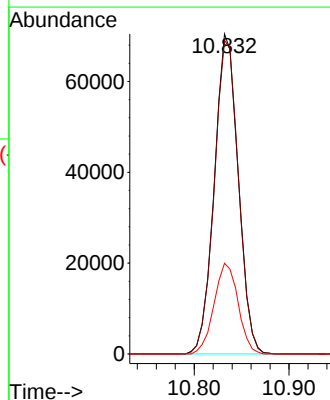
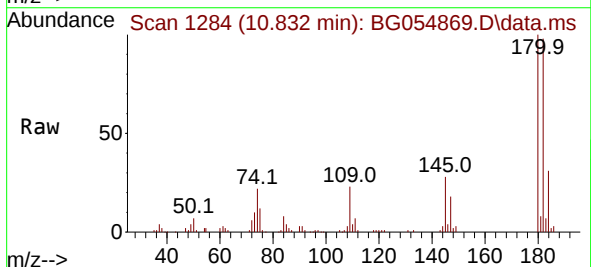
Tgt Ion:180 Resp: 123453

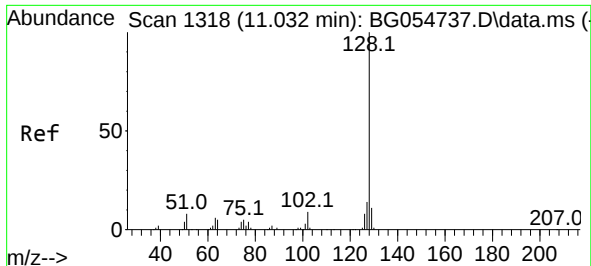
Ion Ratio Lower Upper

180 100

182 98.1 77.0 115.6

145 28.3 24.0 36.0

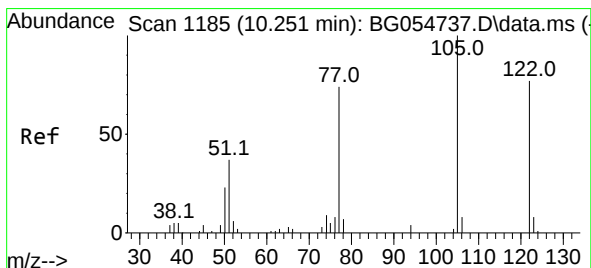
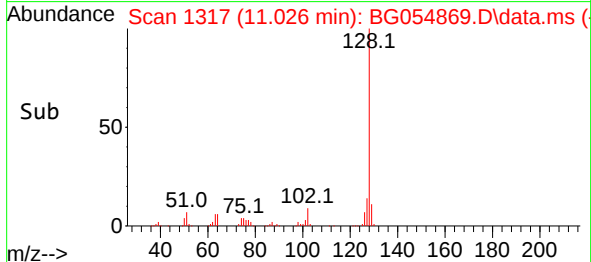
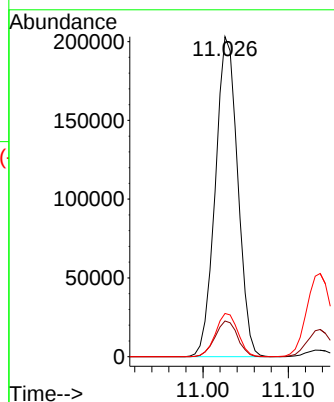
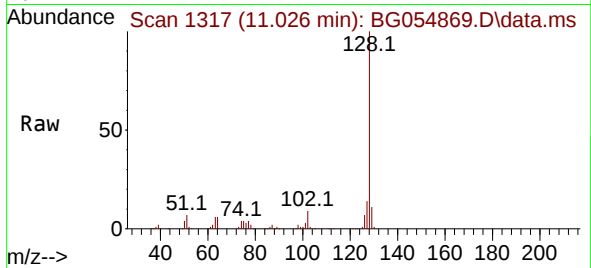




#31  
Naphthalene  
Concen: 42.380 ng  
RT: 11.026 min Scan# 1196  
Delta R.T. -0.007 min  
Lab File: BG054869.D  
Acq: 7 Sep 2022 14:59

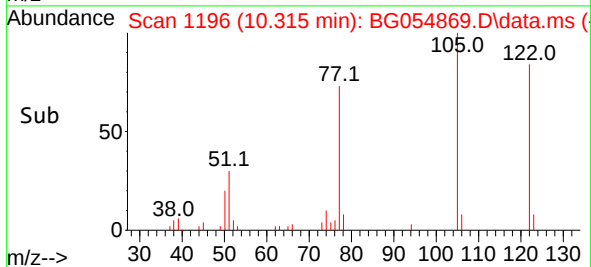
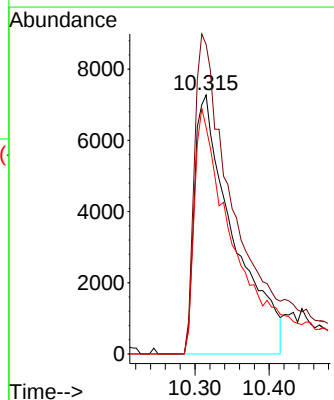
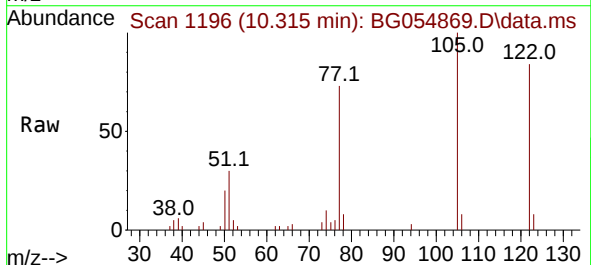
Instrument :  
BNA\_G  
ClientSampleId :  
PB147474BS

Tgt Ion:128 Resp: 369777  
Ion Ratio Lower Upper  
128 100  
129 11.1 9.0 13.4  
127 13.5 11.1 16.7



#32  
Benzoic acid  
Concen: 21.888 ng  
RT: 10.315 min Scan# 1196  
Delta R.T. 0.064 min  
Lab File: BG054869.D  
Acq: 7 Sep 2022 14:59

Tgt Ion:122 Resp: 26239  
Ion Ratio Lower Upper  
122 100  
105 119.6 101.5 141.5  
77 87.5 69.3 109.3

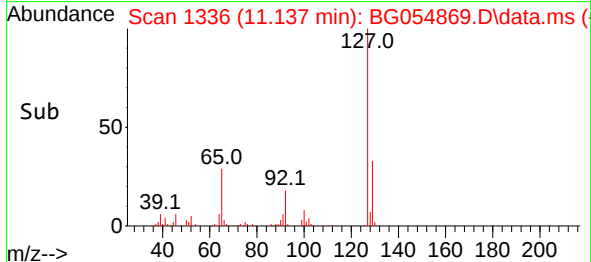
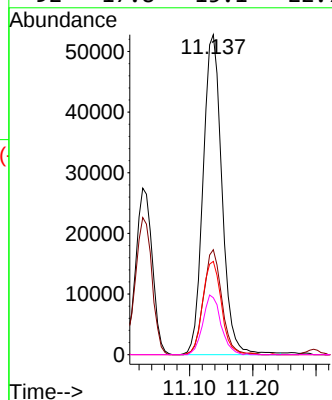
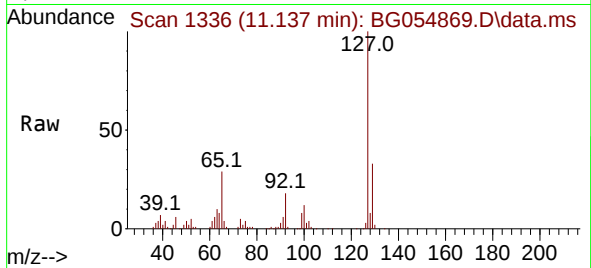




#33  
4-Chloroaniline  
Concen: 30.730 ng  
RT: 11.137 min Scan# 11  
Delta R.T. 0.005 min  
Lab File: BG054869.D  
Acq: 7 Sep 2022 14:59

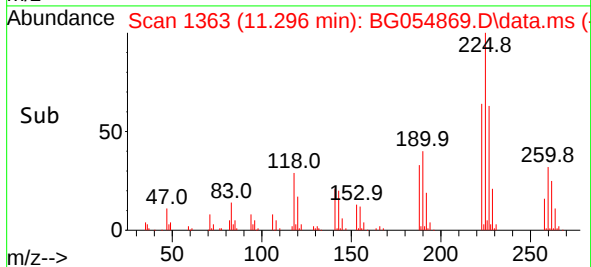
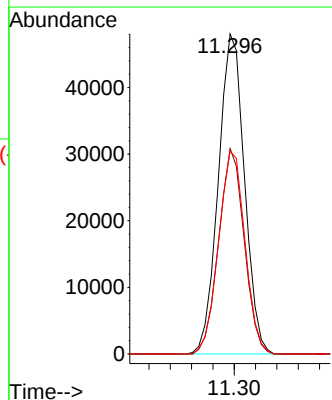
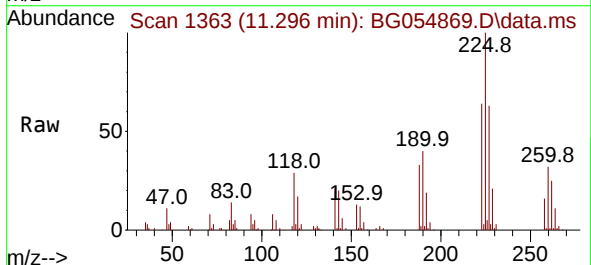
Instrument :  
BNA\_G  
ClientSampleId :  
PB147474BS

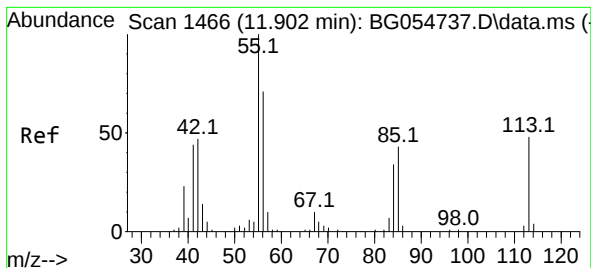
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 127   | Resp: | 109311 |
| Ion Ratio | Lower | Upper |        |
| 127       | 100   |       |        |
| 129       | 32.8  | 26.0  | 39.0   |
| 65        | 29.1  | 25.8  | 38.8   |
| 92        | 17.8  | 15.1  | 22.7   |



#34  
Hexachlorobutadiene  
Concen: 44.874 ng  
RT: 11.296 min Scan# 1363  
Delta R.T. -0.013 min  
Lab File: BG054869.D  
Acq: 7 Sep 2022 14:59

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 225   | Resp: | 81667 |
| Ion Ratio | Lower | Upper |       |
| 225       | 100   |       |       |
| 223       | 64.2  | 51.4  | 77.0  |
| 227       | 63.4  | 52.6  | 79.0  |





#35

Caprolactam

Concen: 22.897 ng

RT: 11.913 min Scan# 1468

Delta R.T. 0.011 min

Lab File: BG054869.D

Acq: 7 Sep 2022 14:59

Instrument :

BNA\_G

ClientSampleId :

PB147474BS

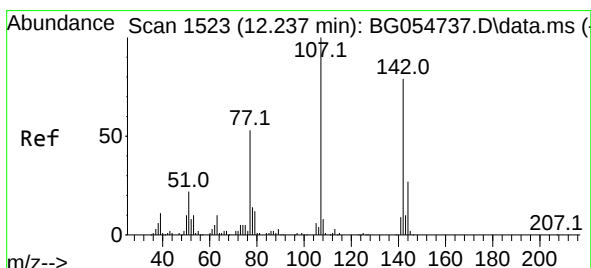
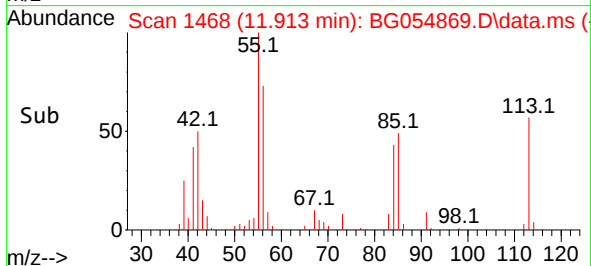
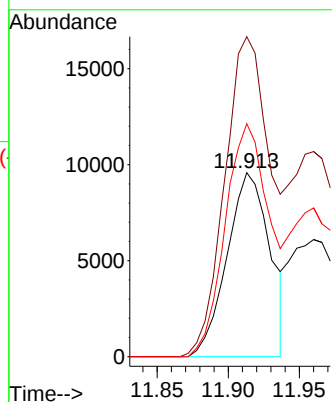
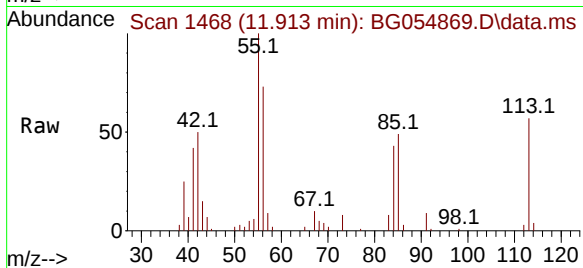
Tgt Ion:113 Resp: 20079

Ion Ratio Lower Upper

113 100

55 173.9 179.1 219.1#

56 126.6 120.8 160.8



#36

4-Chloro-3-methylphenol

Concen: 47.100 ng

RT: 12.248 min Scan# 1525

Delta R.T. 0.011 min

Lab File: BG054869.D

Acq: 7 Sep 2022 14:59

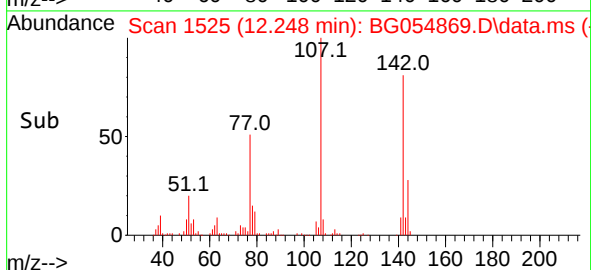
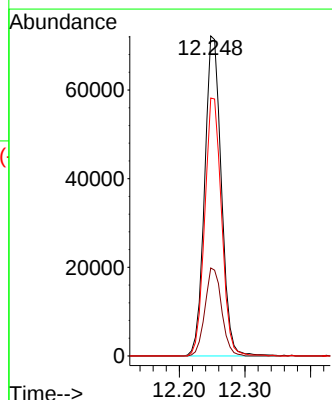
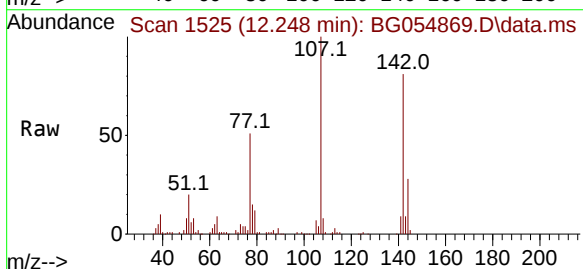
Tgt Ion:107 Resp: 128022

Ion Ratio Lower Upper

107 100

144 27.5 22.4 33.6

142 80.6 65.8 98.8

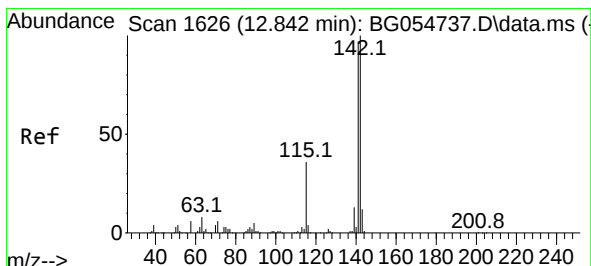
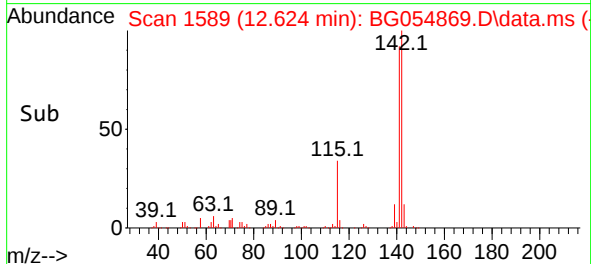
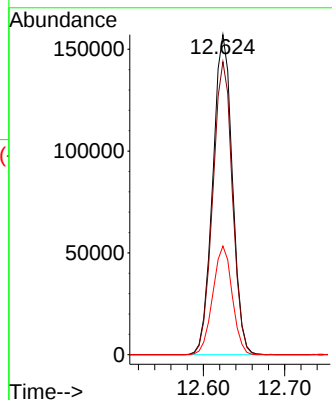
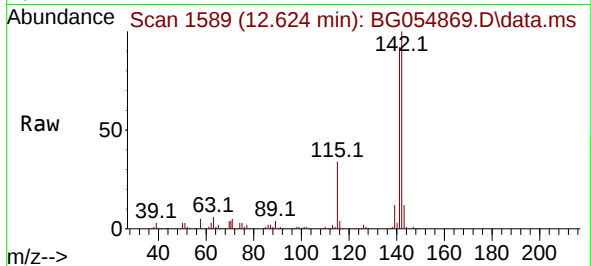




#37  
2-Methylnaphthalene  
Concen: 43.087 ng  
RT: 12.624 min Scan# 11  
Delta R.T. -0.001 min  
Lab File: BG054869.D  
Acq: 7 Sep 2022 14:59

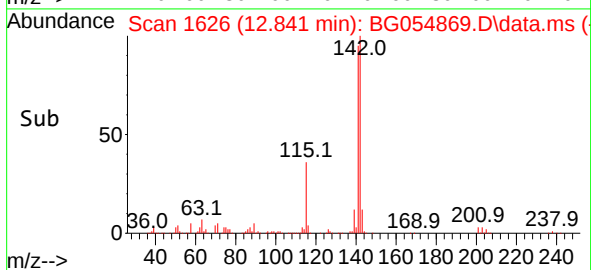
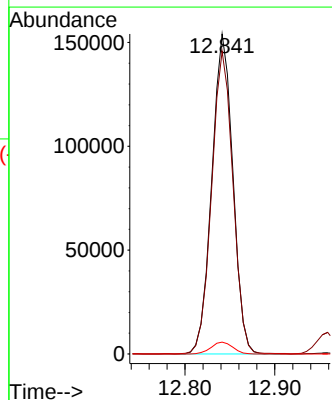
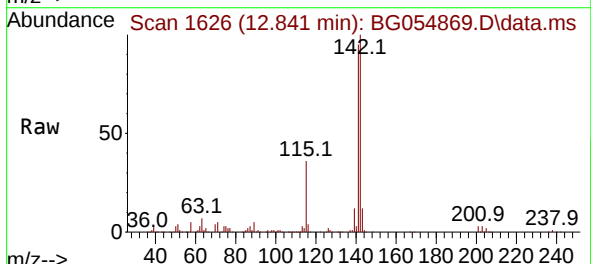
Instrument :  
BNA\_G  
ClientSampleId :  
PB147474BS

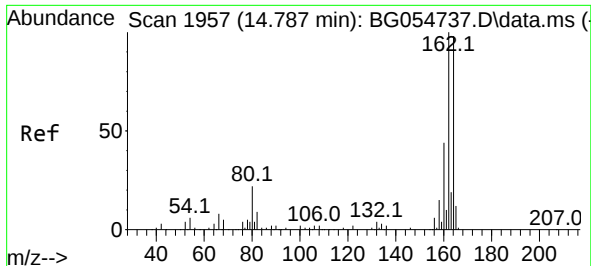
Tgt Ion:142 Resp: 263495  
Ion Ratio Lower Upper  
142 100  
141 91.5 73.0 109.4  
115 34.0 27.3 40.9



#38  
1-Methylnaphthalene  
Concen: 42.143 ng  
RT: 12.841 min Scan# 1626  
Delta R.T. -0.001 min  
Lab File: BG054869.D  
Acq: 7 Sep 2022 14:59

Tgt Ion:142 Resp: 250740  
Ion Ratio Lower Upper  
142 100  
141 94.6 77.4 116.0  
116 3.7 3.0 4.4

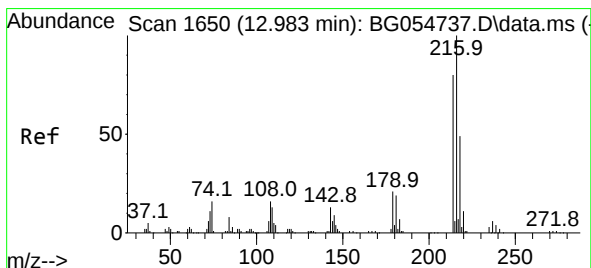
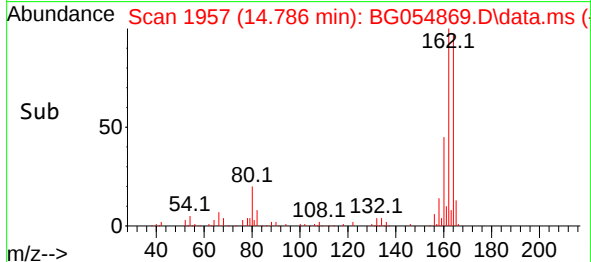
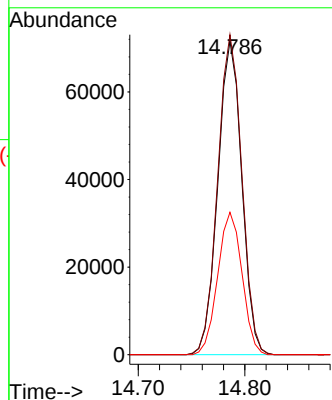
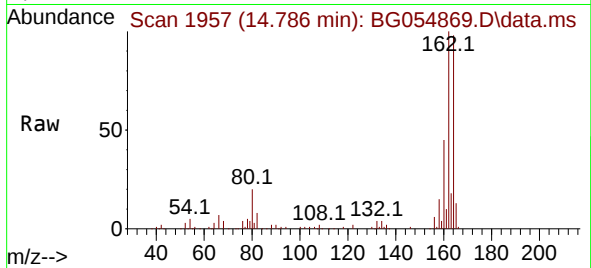




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.786 min Scan# 1957  
Delta R.T. -0.001 min  
Lab File: BG054869.D  
Acq: 7 Sep 2022 14:59

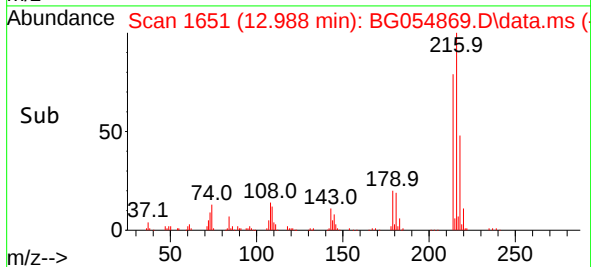
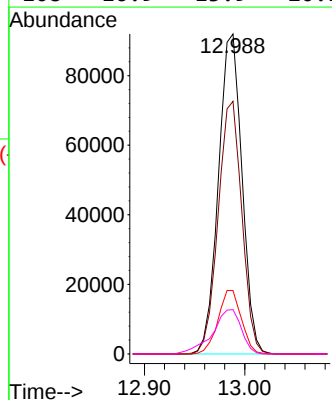
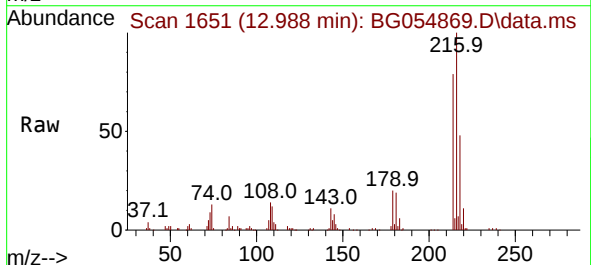
Instrument :  
BNA\_G  
ClientSampleId :  
PB147474BS

Tgt Ion:164 Resp: 111437  
Ion Ratio Lower Upper  
164 100  
162 102.1 83.0 124.4  
160 45.5 38.0 57.0



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 44.650 ng  
RT: 12.988 min Scan# 1651  
Delta R.T. 0.005 min  
Lab File: BG054869.D  
Acq: 7 Sep 2022 14:59

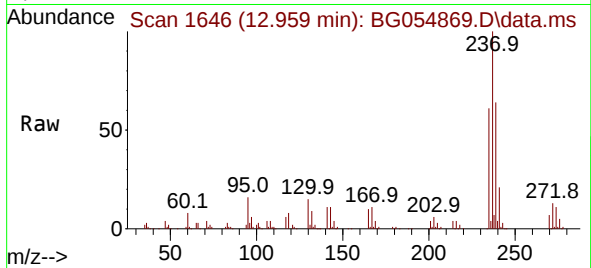
Tgt Ion:216 Resp: 149988  
Ion Ratio Lower Upper  
216 100  
214 79.2 63.2 94.8  
179 19.7 16.5 24.7  
108 16.9 13.9 20.9



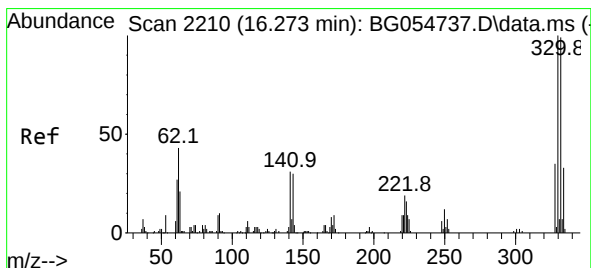
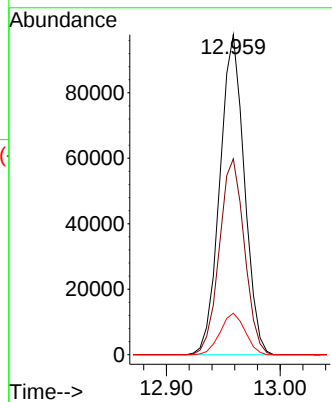
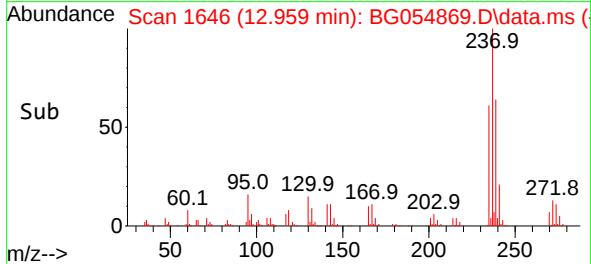


#41  
Hexachlorocyclopentadiene  
Concen: 82.100 ng  
RT: 12.959 min Scan# 1  
Delta R.T. -0.007 min  
Lab File: BG054869.D  
Acq: 7 Sep 2022 14:59

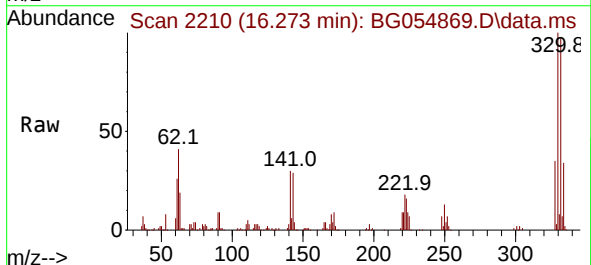
Instrument :  
BNA\_G  
ClientSampleId :  
PB147474BS



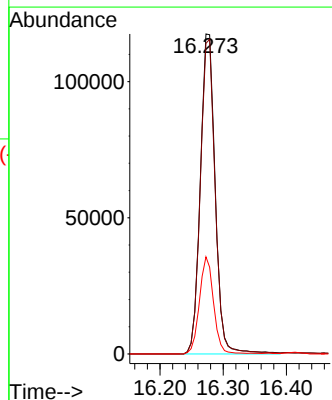
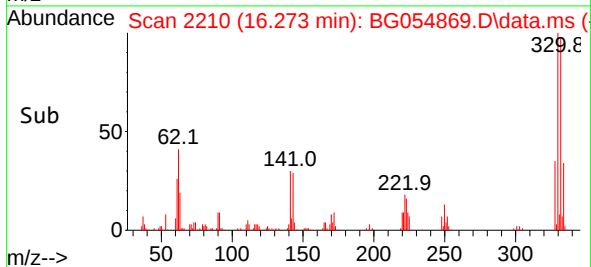
Tgt Ion:237 Resp: 146261  
Ion Ratio Lower Upper  
237 100  
235 61.2 42.2 82.2  
272 13.0 0.0 34.0

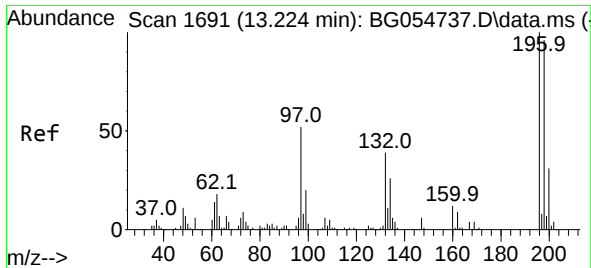


#42  
2,4,6-Tribromophenol  
Concen: 137.808 ng  
RT: 16.273 min Scan# 2210  
Delta R.T. -0.001 min  
Lab File: BG054869.D  
Acq: 7 Sep 2022 14:59



Tgt Ion:330 Resp: 191895  
Ion Ratio Lower Upper  
330 100  
332 97.9 79.8 119.6  
141 29.0 26.8 40.2

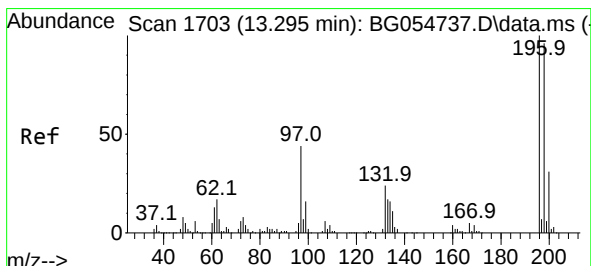
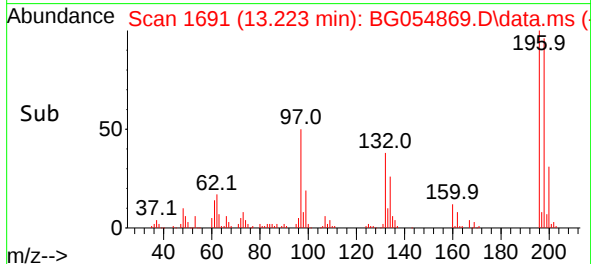
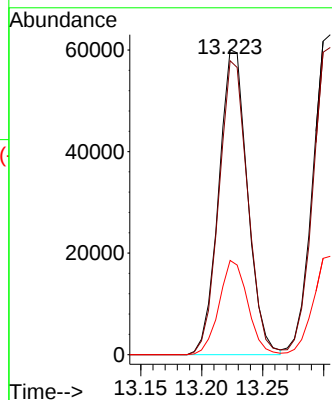
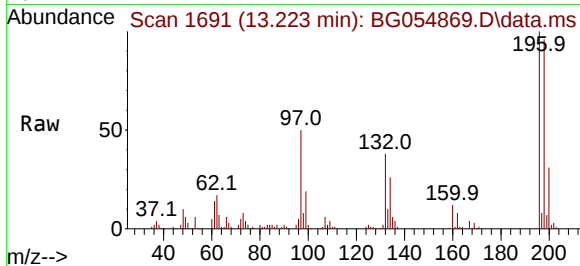




#43  
2,4,6-Trichlorophenol  
Concen: 44.278 ng  
RT: 13.223 min Scan# 1  
Delta R.T. -0.001 min  
Lab File: BG054869.D  
Acq: 7 Sep 2022 14:59

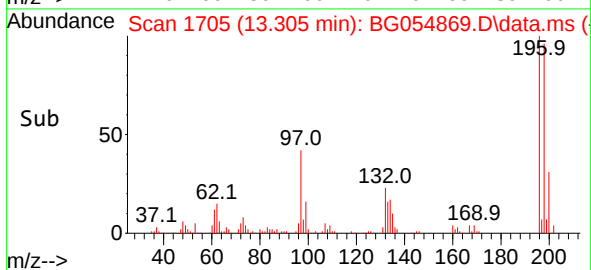
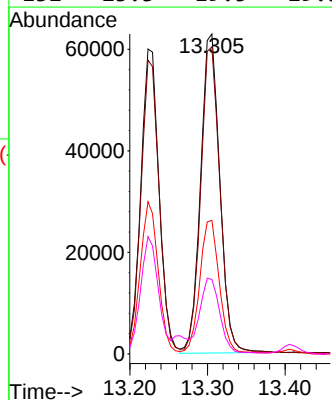
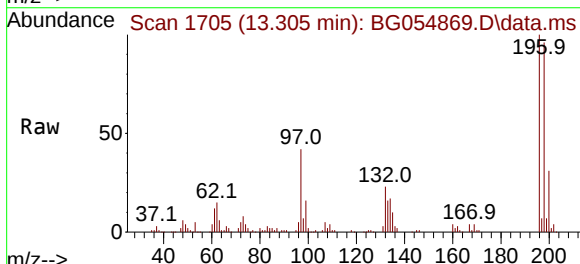
Instrument :  
BNA\_G  
ClientSampleId :  
PB147474BS

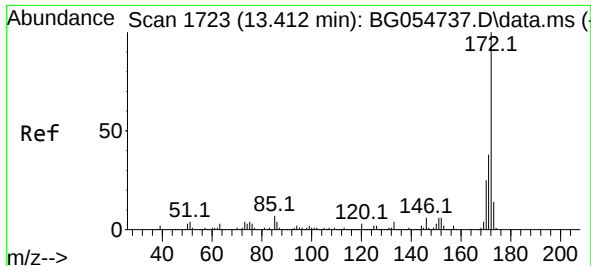
Tgt Ion:196 Resp: 98725  
Ion Ratio Lower Upper  
196 100  
198 96.4 77.1 115.7  
200 30.9 24.2 36.4



#44  
2,4,5-Trichlorophenol  
Concen: 43.339 ng  
RT: 13.305 min Scan# 1705  
Delta R.T. 0.011 min  
Lab File: BG054869.D  
Acq: 7 Sep 2022 14:59

Tgt Ion:196 Resp: 108520  
Ion Ratio Lower Upper  
196 100  
198 96.0 76.7 115.1  
97 41.7 36.6 55.0  
132 23.3 19.5 29.3

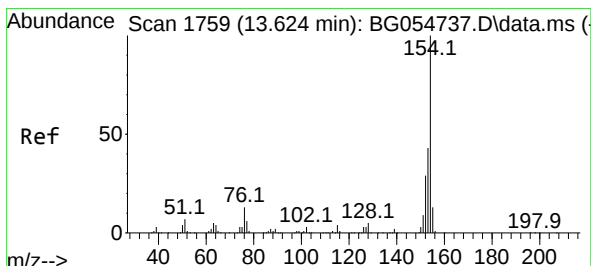
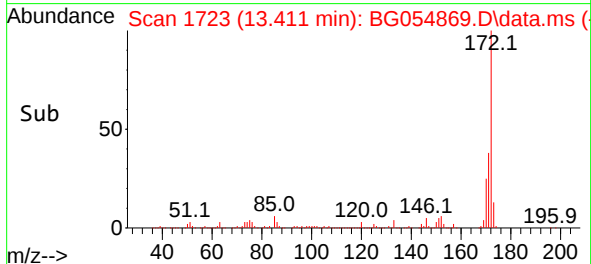
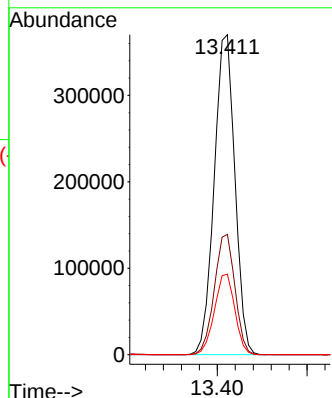
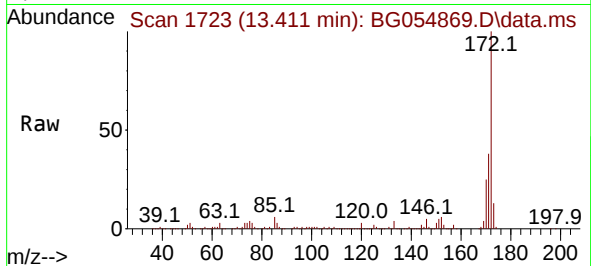




#45  
2-Fluorobiphenyl  
Concen: 79.826 ng  
RT: 13.411 min Scan# 1723  
Delta R.T. -0.001 min  
Lab File: BG054869.D  
Acq: 7 Sep 2022 14:59

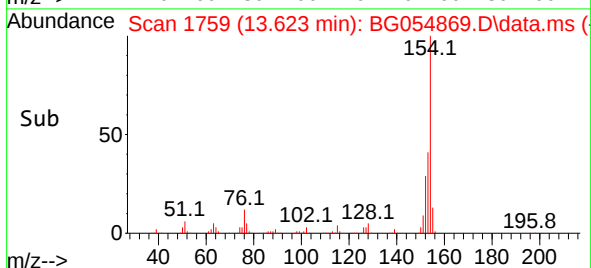
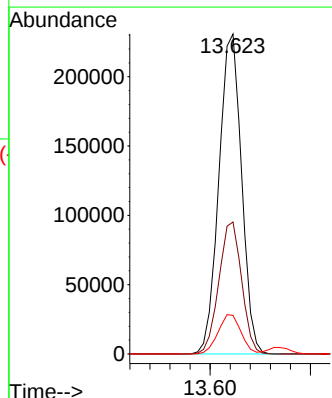
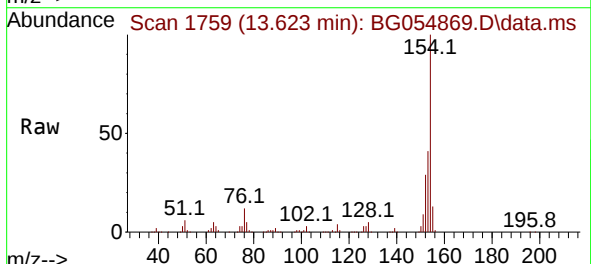
Instrument :  
BNA\_G  
ClientSampleId :  
PB147474BS

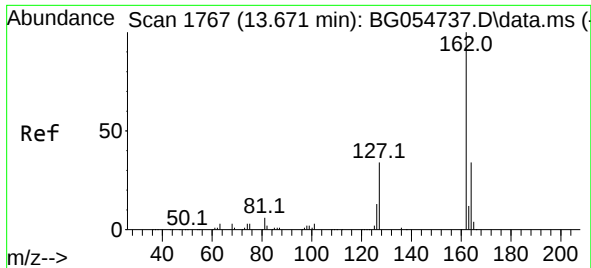
Tgt Ion:172 Resp: 591849  
Ion Ratio Lower Upper  
172 100  
171 37.6 31.2 46.8  
170 25.1 20.6 30.8



#46  
1,1'-Biphenyl  
Concen: 43.617 ng  
RT: 13.623 min Scan# 1759  
Delta R.T. -0.001 min  
Lab File: BG054869.D  
Acq: 7 Sep 2022 14:59

Tgt Ion:154 Resp: 360944  
Ion Ratio Lower Upper  
154 100  
153 41.2 22.2 62.2  
76 12.1 0.0 34.0

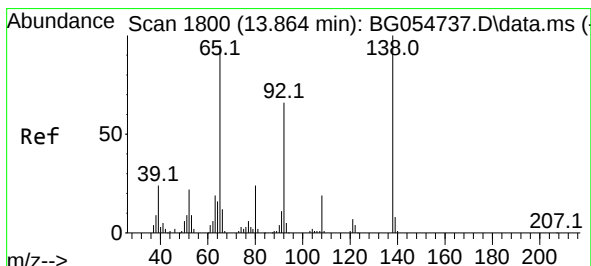
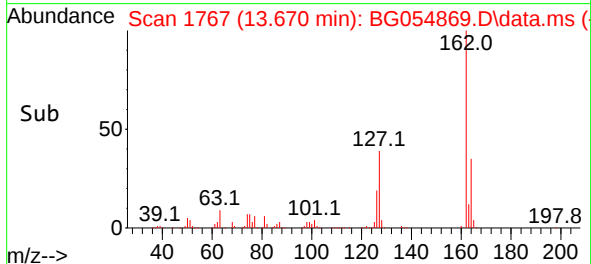
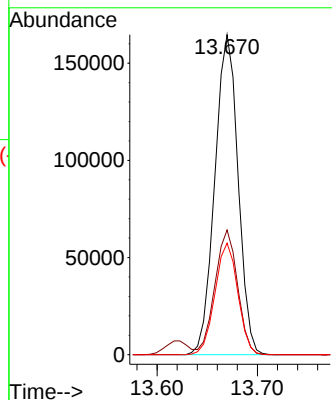
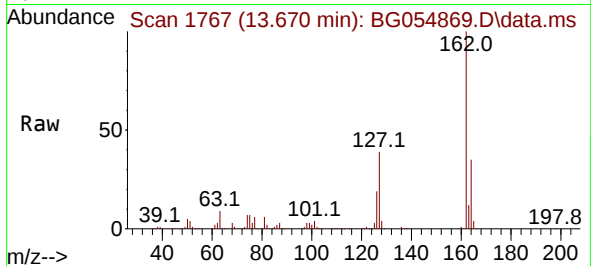




#47  
2-Chloronaphthalene  
Concen: 42.115 ng  
RT: 13.670 min Scan# 11  
Delta R.T. -0.001 min  
Lab File: BG054869.D  
Acq: 7 Sep 2022 14:59

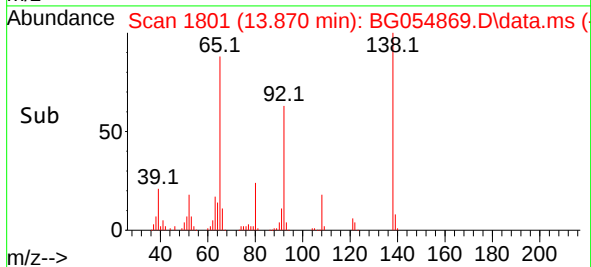
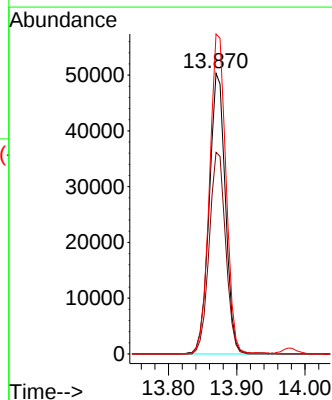
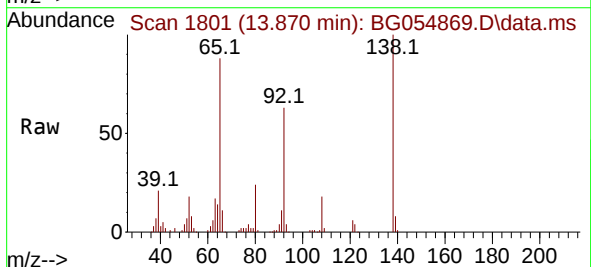
Instrument :  
BNA\_G  
ClientSampleId :  
PB147474BS

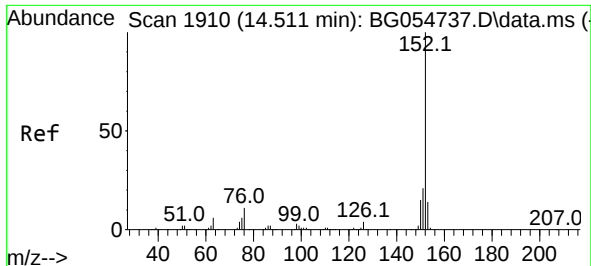
Tgt Ion:162 Resp: 264686  
Ion Ratio Lower Upper  
162 100  
127 38.9 31.5 47.3  
164 34.8 27.8 41.6



#48  
2-Nitroaniline  
Concen: 42.341 ng  
RT: 13.870 min Scan# 1801  
Delta R.T. 0.005 min  
Lab File: BG054869.D  
Acq: 7 Sep 2022 14:59

Tgt Ion: 65 Resp: 83396  
Ion Ratio Lower Upper  
65 100  
92 71.8 54.7 82.1  
138 114.0 84.1 126.1

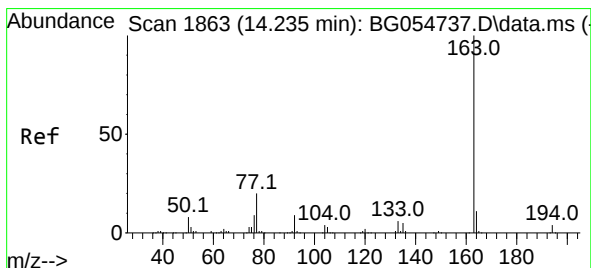
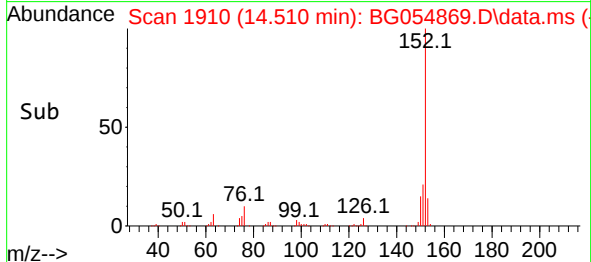
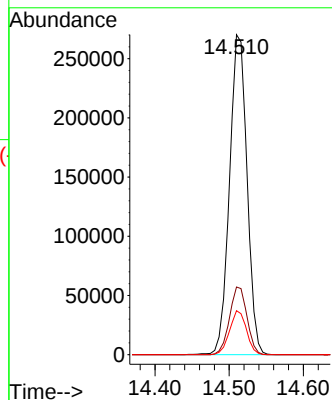
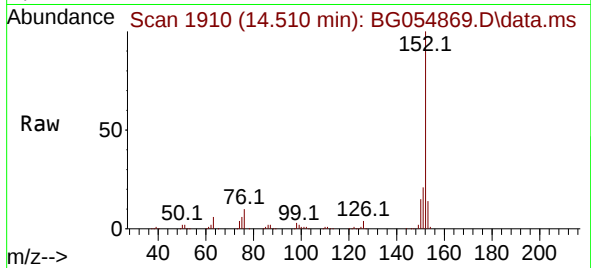




#49  
Acenaphthylene  
Concen: 42.711 ng  
RT: 14.510 min Scan# 1910  
Delta R.T. -0.001 min  
Lab File: BG054869.D  
Acq: 7 Sep 2022 14:59

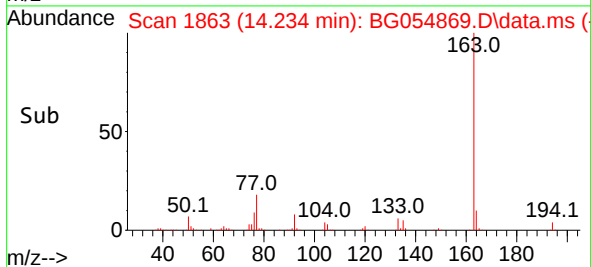
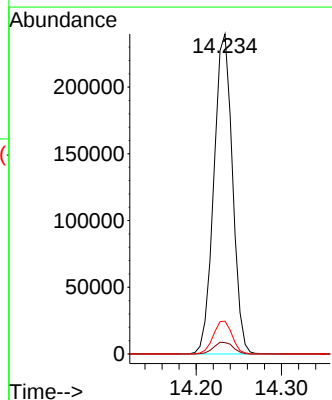
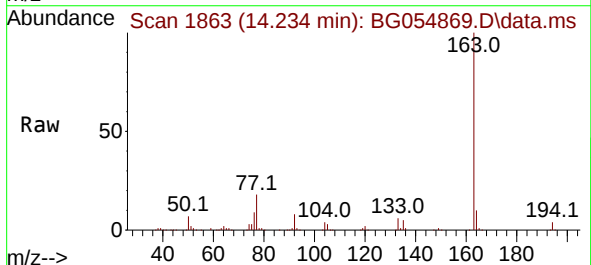
Instrument :  
BNA\_G  
ClientSampleId :  
PB147474BS

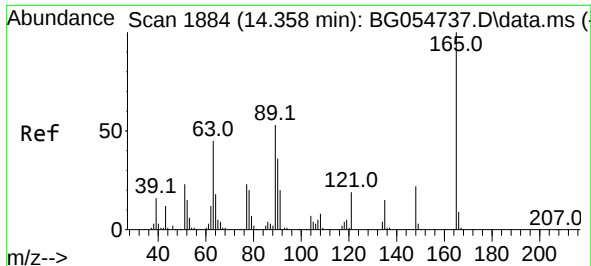
Tgt Ion:152 Resp: 442959  
Ion Ratio Lower Upper  
152 100  
151 21.2 17.3 25.9  
153 13.7 10.8 16.2



#50  
Dimethylphthalate  
Concen: 42.306 ng  
RT: 14.234 min Scan# 1863  
Delta R.T. -0.001 min  
Lab File: BG054869.D  
Acq: 7 Sep 2022 14:59

Tgt Ion:163 Resp: 363209  
Ion Ratio Lower Upper  
163 100  
194 3.6 3.0 4.4  
164 10.2 8.0 12.0

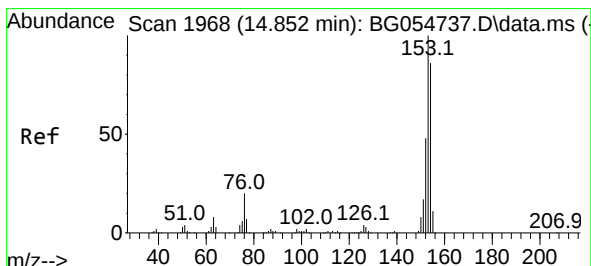
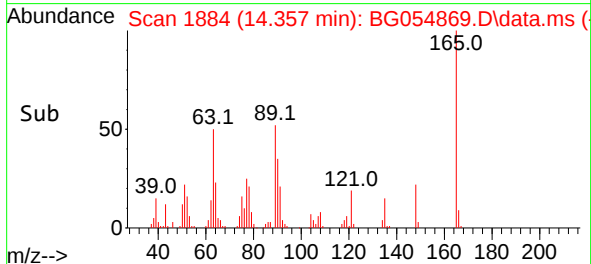
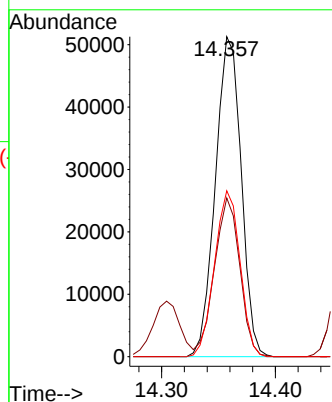
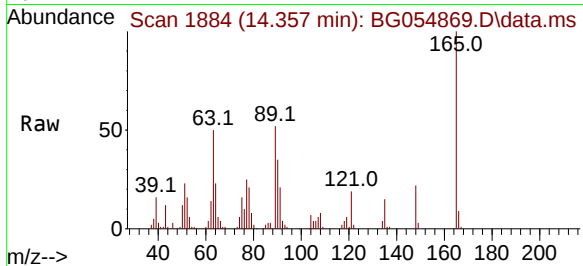




#51  
2,6-Dinitrotoluene  
Concen: 46.135 ng  
RT: 14.357 min Scan# 11  
Delta R.T. -0.001 min  
Lab File: BG054869.D  
Acq: 7 Sep 2022 14:59

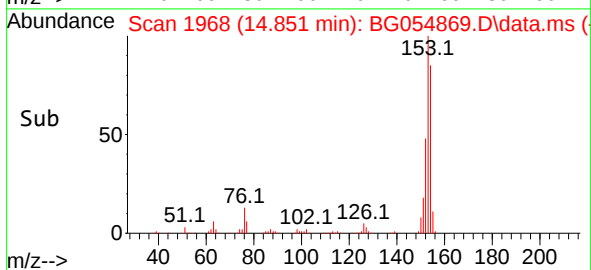
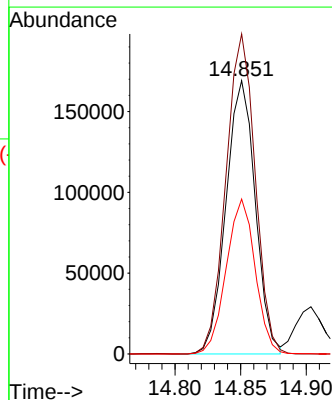
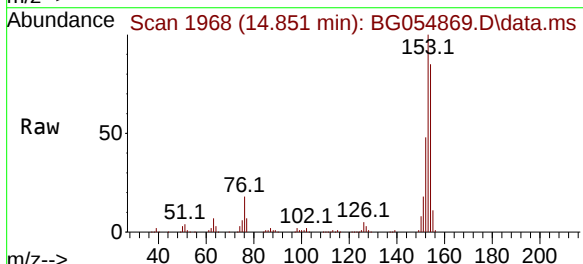
Instrument :  
BNA\_G  
ClientSampleId :  
PB147474BS

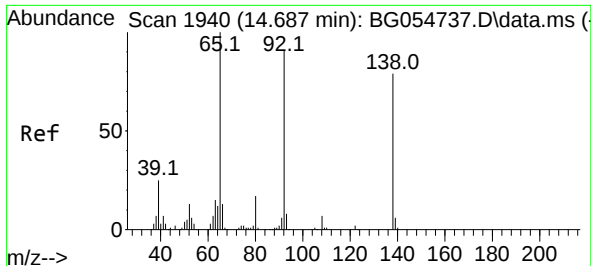
Tgt Ion:165 Resp: 81013  
Ion Ratio Lower Upper  
165 100  
63 49.6 46.0 69.0  
89 51.8 50.3 75.5



#52  
Acenaphthene  
Concen: 39.399 ng  
RT: 14.851 min Scan# 1968  
Delta R.T. -0.001 min  
Lab File: BG054869.D  
Acq: 7 Sep 2022 14:59

Tgt Ion:154 Resp: 262471  
Ion Ratio Lower Upper  
154 100  
153 117.1 92.8 139.2  
152 56.6 45.4 68.2

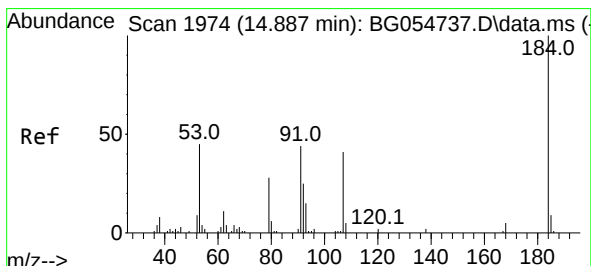
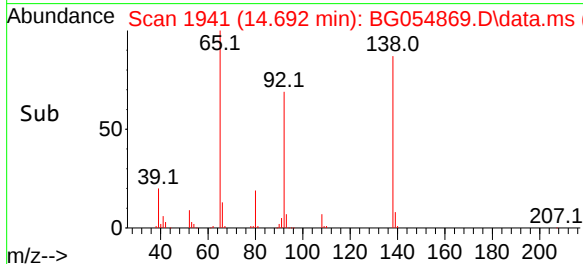
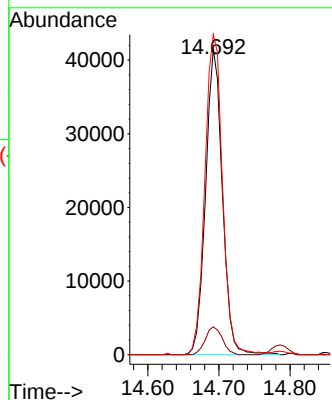
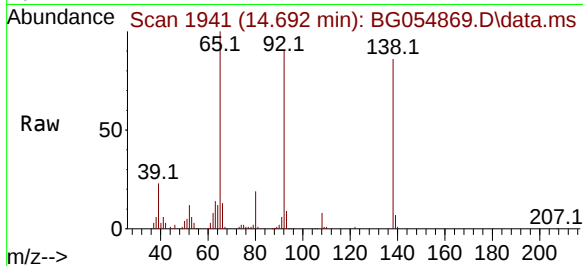




#53  
3-Nitroaniline  
Concen: 34.760 ng  
RT: 14.692 min Scan# 1941  
Delta R.T. 0.005 min  
Lab File: BG054869.D  
Acq: 7 Sep 2022 14:59

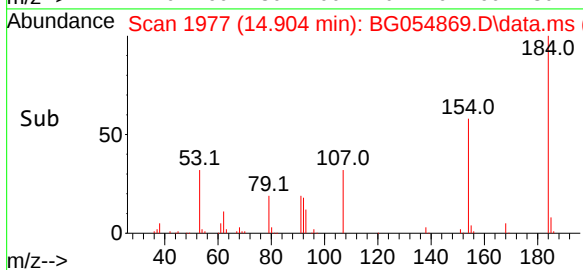
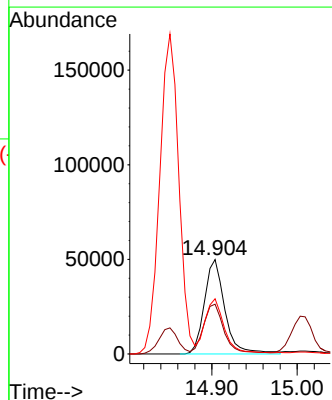
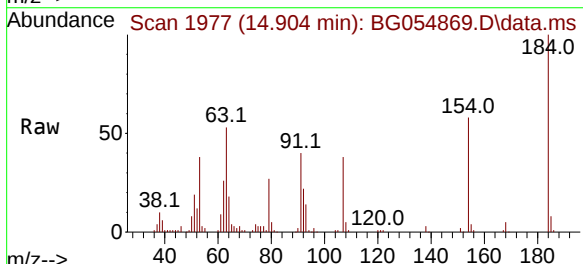
Instrument :  
BNA\_G  
ClientSampleId :  
PB147474BS

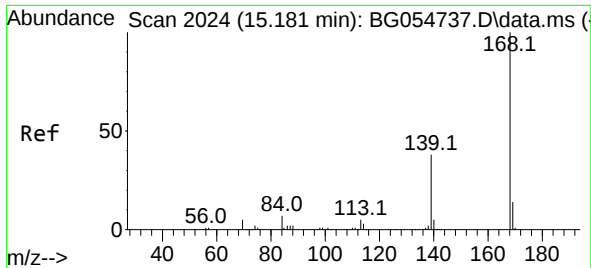
Tgt Ion:138 Resp: 68329  
Ion Ratio Lower Upper  
138 100  
108 9.1 7.6 11.4  
92 104.6 96.0 144.0



#54  
2,4-Dinitrophenol  
Concen: 83.884 ng  
RT: 14.904 min Scan# 1977  
Delta R.T. 0.017 min  
Lab File: BG054869.D  
Acq: 7 Sep 2022 14:59

Tgt Ion:184 Resp: 83483  
Ion Ratio Lower Upper  
184 100  
63 52.8 41.8 62.8  
154 58.5 45.2 67.8

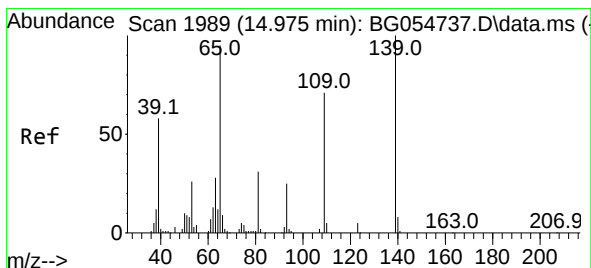
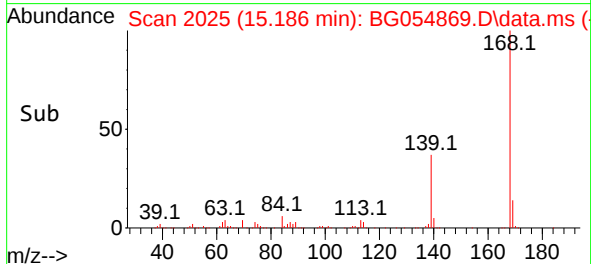
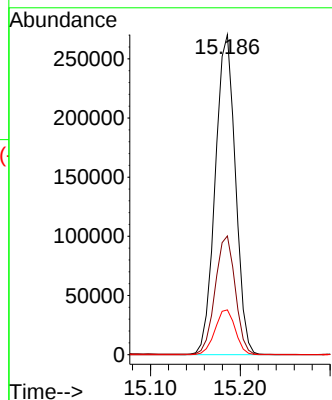
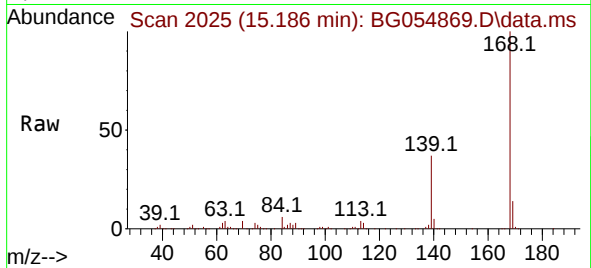




#55  
Dibenzenofuran  
Concen: 43.037 ng  
RT: 15.186 min Scan# 20  
Delta R.T. 0.005 min  
Lab File: BG054869.D  
Acq: 7 Sep 2022 14:59

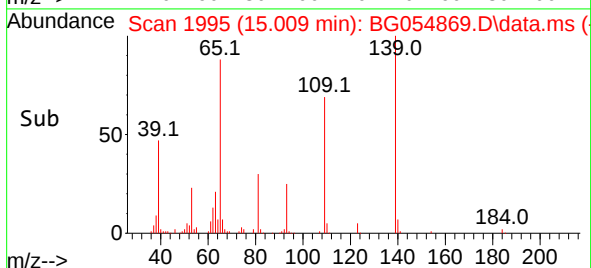
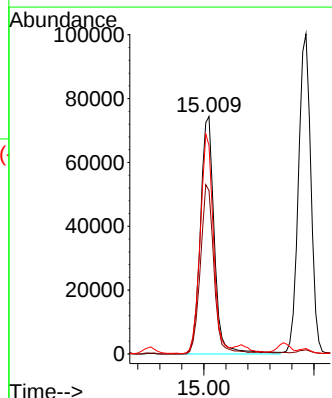
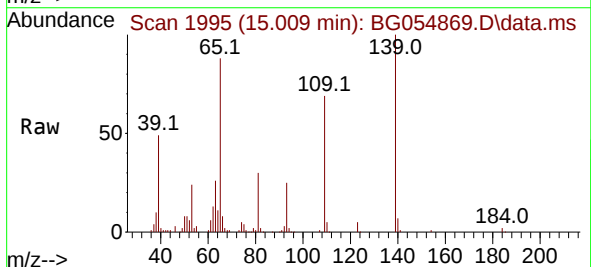
Instrument :  
BNA\_G  
ClientSampleId :  
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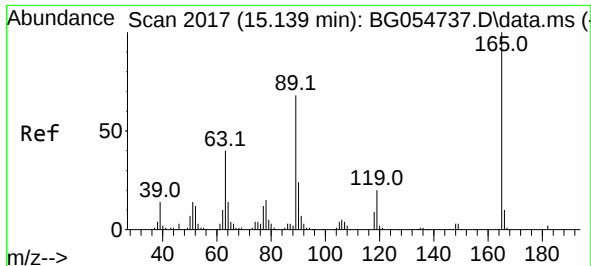
Tgt Ion:168 Resp: 421287  
Ion Ratio Lower Upper  
168 100  
139 37.1 30.2 45.2  
169 14.0 11.3 16.9



#56  
4-Nitrophenol  
Concen: 85.926 ng  
RT: 15.009 min Scan# 1995  
Delta R.T. 0.034 min  
Lab File: BG054869.D  
Acq: 7 Sep 2022 14:59

Tgt Ion:139 Resp: 130713  
Ion Ratio Lower Upper  
139 100  
109 68.8 50.5 90.5  
65 87.8 79.9 119.9

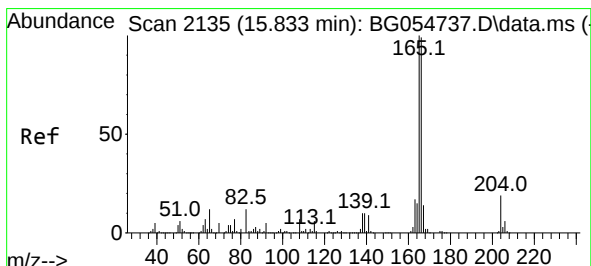
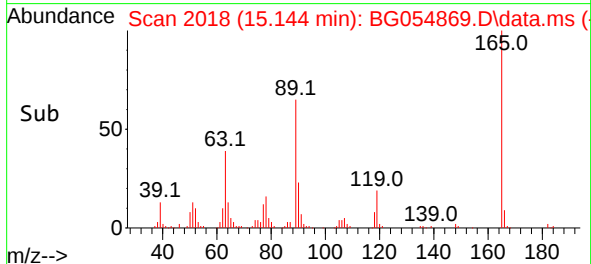
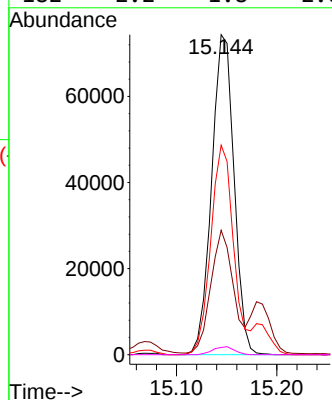
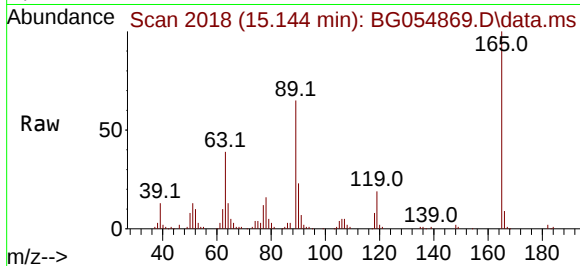




#57  
2,4-Dinitrotoluene  
Concen: 47.389 ng  
RT: 15.144 min Scan# 2018  
Delta R.T. 0.005 min  
Lab File: BG054869.D  
Acq: 7 Sep 2022 14:59

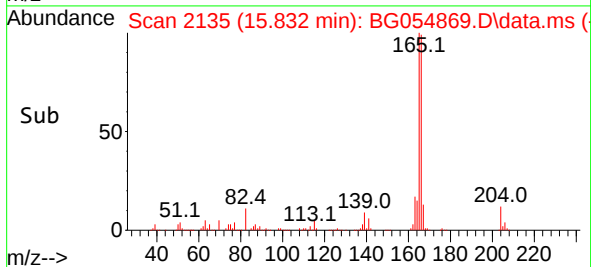
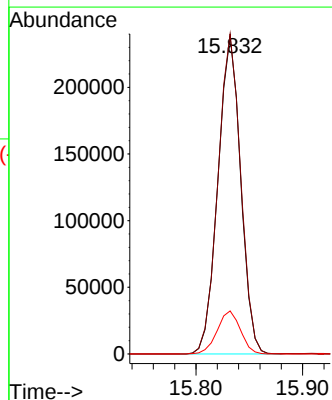
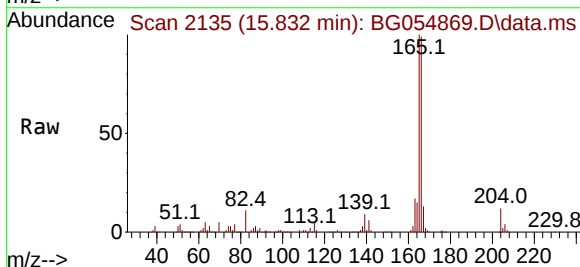
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ClientSampleId :  
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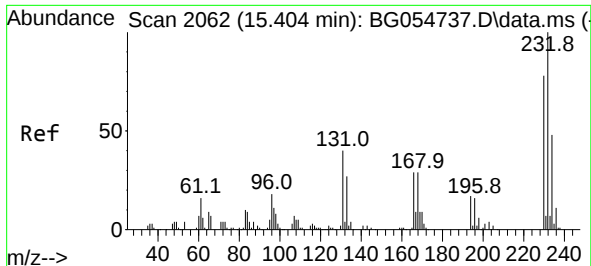
Tgt Ion:165 Resp: 115102  
Ion Ratio Lower Upper  
165 100  
63 38.9 36.8 55.2  
89 65.5 64.3 96.5  
182 2.2 1.8 2.6



#58  
Fluorene  
Concen: 42.696 ng  
RT: 15.832 min Scan# 2135  
Delta R.T. -0.001 min  
Lab File: BG054869.D  
Acq: 7 Sep 2022 14:59

Tgt Ion:166 Resp: 352100  
Ion Ratio Lower Upper  
166 100  
165 100.6 80.8 121.2  
167 13.5 11.4 17.0

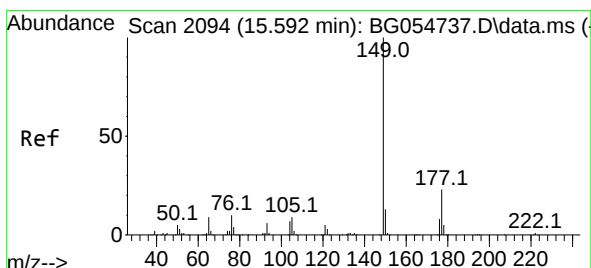
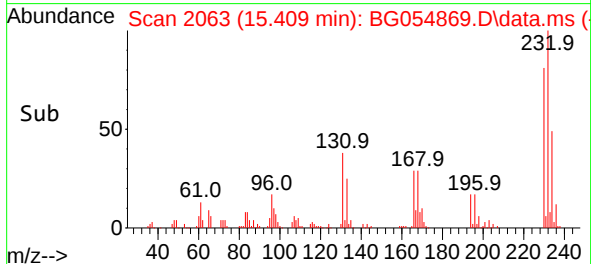
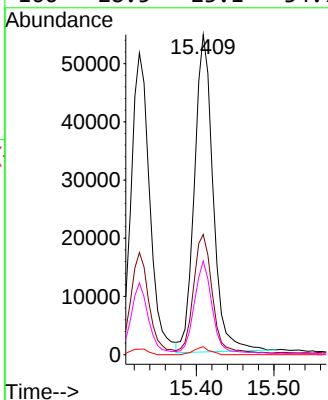
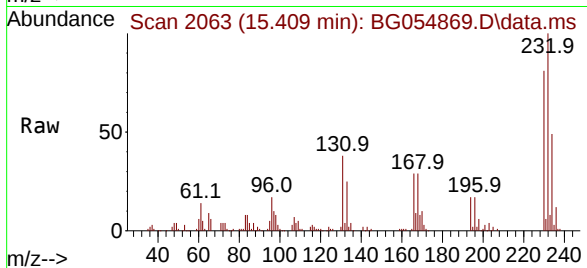




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 40.374 ng  
RT: 15.409 min Scan# 2063  
Delta R.T. 0.005 min  
Lab File: BG054869.D  
Acq: 7 Sep 2022 14:59

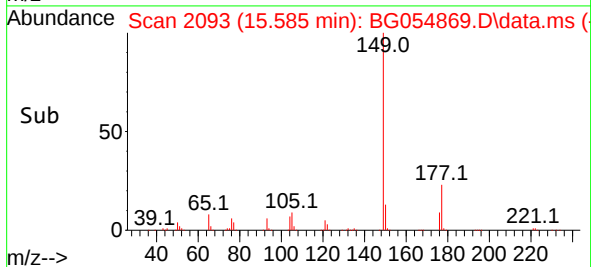
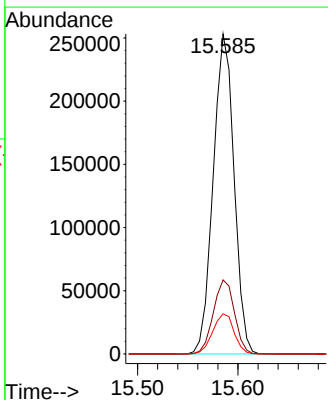
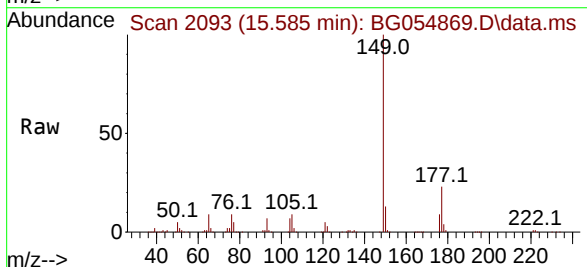
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ClientSampleId :  
PB147474BS

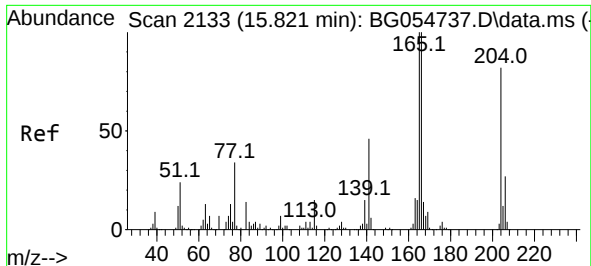
Tgt Ion:232 Resp: 91132  
Ion Ratio Lower Upper  
232 100  
131 38.1 31.3 46.9  
130 2.1 1.8 2.6  
166 28.5 23.1 34.7



#60  
Diethylphthalate  
Concen: 42.472 ng  
RT: 15.585 min Scan# 2093  
Delta R.T. -0.007 min  
Lab File: BG054869.D  
Acq: 7 Sep 2022 14:59

Tgt Ion:149 Resp: 364104  
Ion Ratio Lower Upper  
149 100  
177 23.2 17.8 26.6  
150 12.5 10.1 15.1

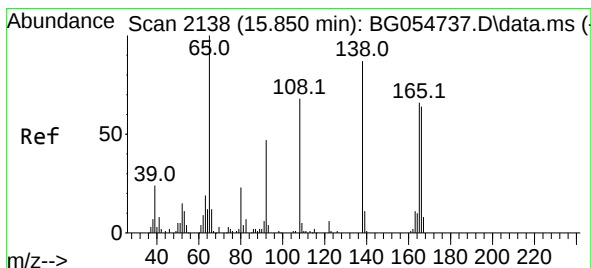
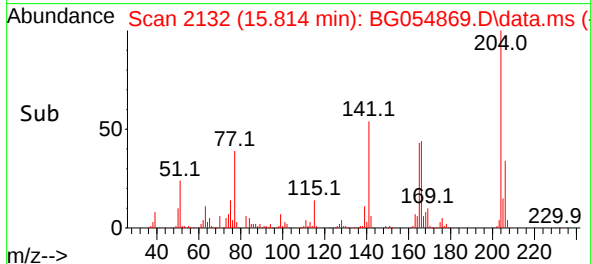
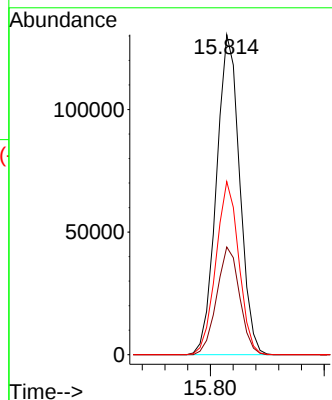
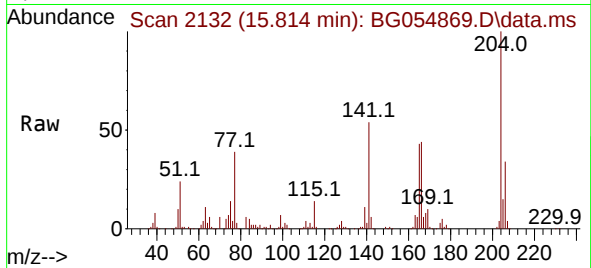




#61  
4-Chlorophenyl-phenylether  
Concen: 45.553 ng  
RT: 15.814 min Scan# 2132  
Delta R.T. -0.007 min  
Lab File: BG054869.D  
Acq: 7 Sep 2022 14:59

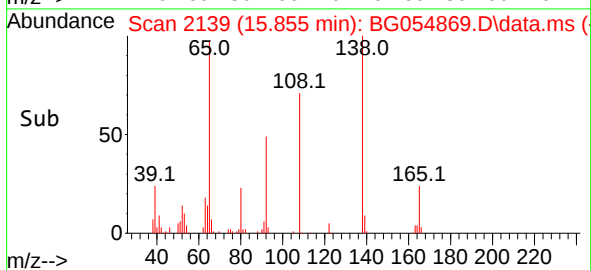
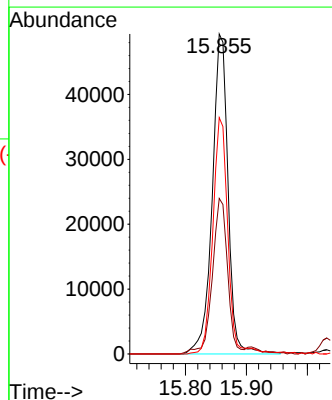
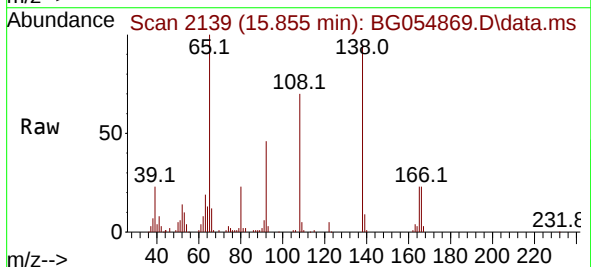
Instrument :  
BNA\_G  
ClientSampleId :  
PB147474BS

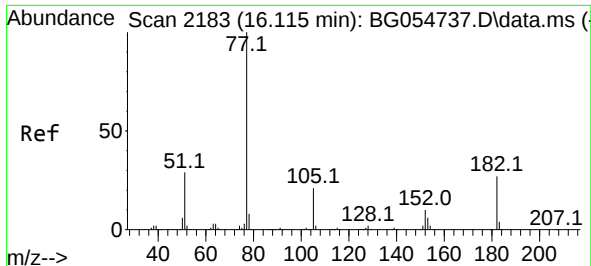
Tgt Ion:204 Resp: 185319  
Ion Ratio Lower Upper  
204 100  
206 33.7 26.6 39.8  
141 54.1 44.9 67.3



#62  
4-Nitroaniline  
Concen: 44.304 ng  
RT: 15.855 min Scan# 2139  
Delta R.T. 0.005 min  
Lab File: BG054869.D  
Acq: 7 Sep 2022 14:59

Tgt Ion:138 Resp: 88917  
Ion Ratio Lower Upper  
138 100  
92 48.6 34.7 74.7  
108 73.9 56.2 96.2

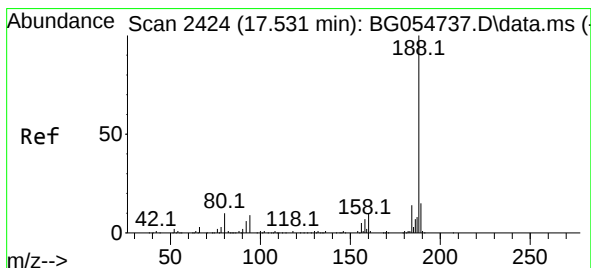
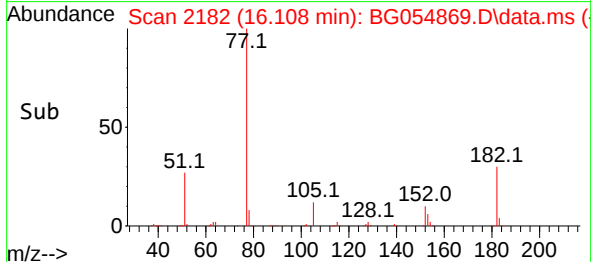
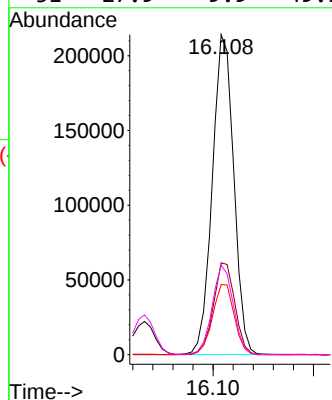
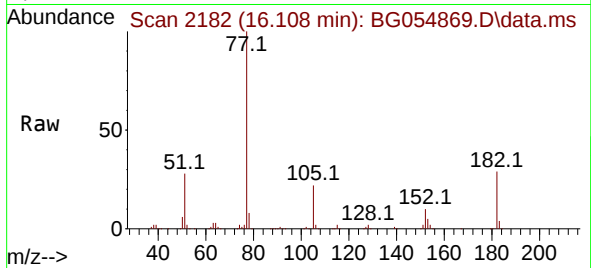




#63  
Azobenzene  
Concen: 38.879 ng  
RT: 16.108 min Scan# 2183  
Delta R.T. -0.007 min  
Lab File: BG054869.D  
Acq: 7 Sep 2022 14:59

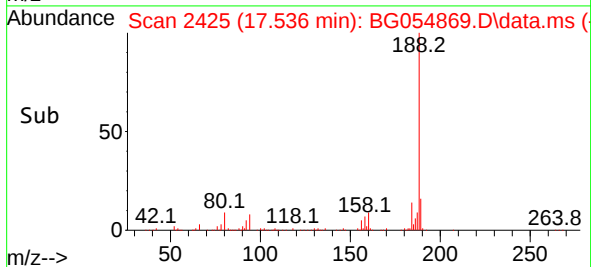
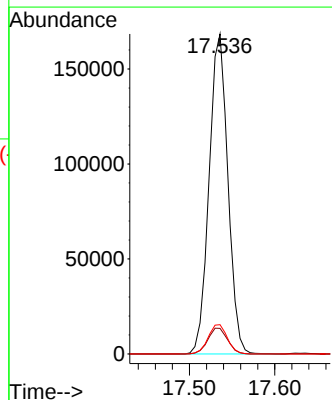
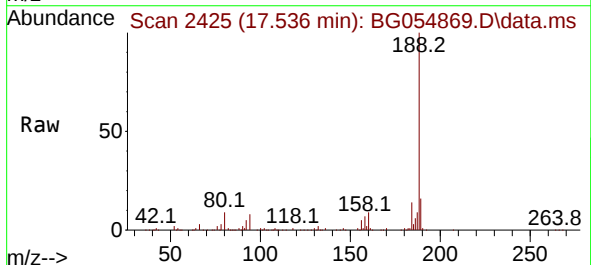
Instrument :  
BNA\_G  
ClientSampleId :  
PB147474BS

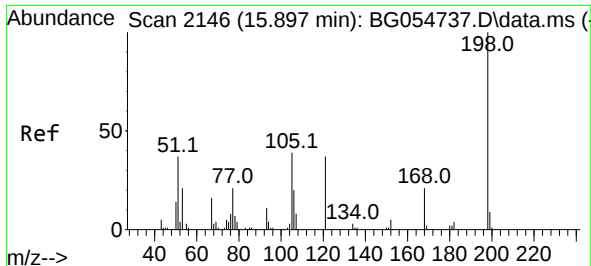
Tgt Ion: 77 Resp: 316758  
Ion Ratio Lower Upper  
77 100  
182 28.7 5.1 45.1  
105 21.9 0.7 40.7  
51 27.9 9.9 49.9



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.536 min Scan# 2425  
Delta R.T. 0.005 min  
Lab File: BG054869.D  
Acq: 7 Sep 2022 14:59

Tgt Ion:188 Resp: 257680  
Ion Ratio Lower Upper  
188 100  
94 8.0 7.0 10.4  
80 9.1 7.9 11.9

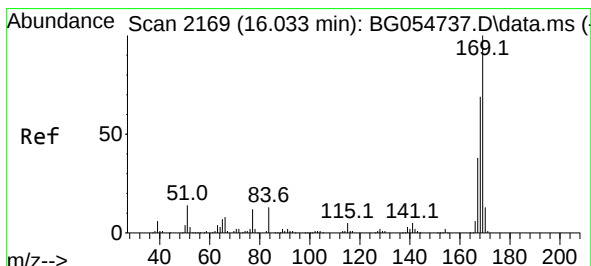
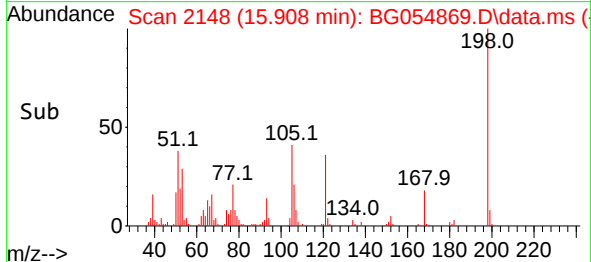
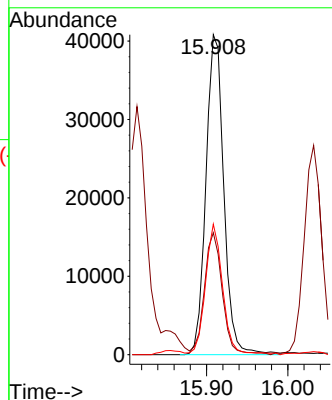
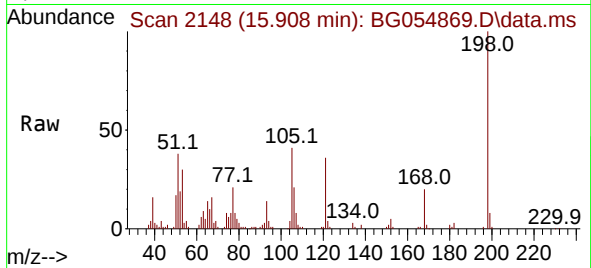




#65  
4,6-Dinitro-2-methylphenol  
Concen: 47.499 ng  
RT: 15.908 min Scan# 2146  
Delta R.T. 0.011 min  
Lab File: BG054869.D  
Acq: 7 Sep 2022 14:59

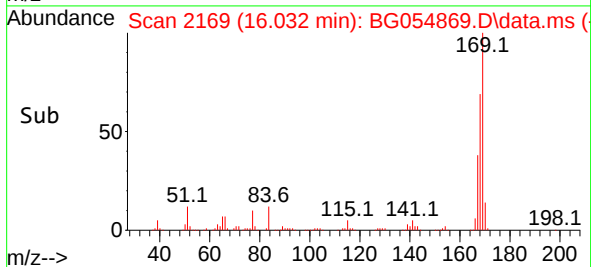
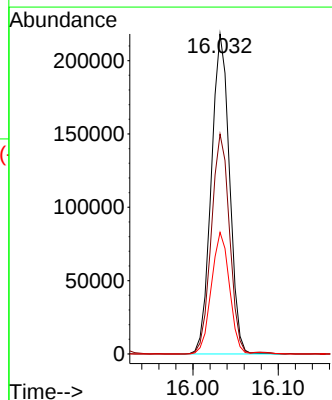
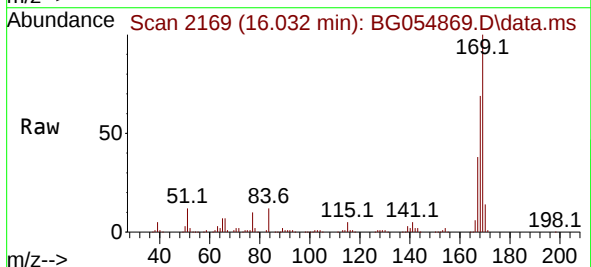
Instrument :  
BNA\_G  
ClientSampleId :  
PB147474BS

Tgt Ion:198 Resp: 62303  
Ion Ratio Lower Upper  
198 100  
51 38.1 19.9 59.9  
105 40.8 20.3 60.3



#66  
n-Nitrosodiphenylamine  
Concen: 43.447 ng  
RT: 16.032 min Scan# 2169  
Delta R.T. -0.001 min  
Lab File: BG054869.D  
Acq: 7 Sep 2022 14:59

Tgt Ion:169 Resp: 322856  
Ion Ratio Lower Upper  
169 100  
168 68.7 55.6 83.4  
167 38.0 30.9 46.3

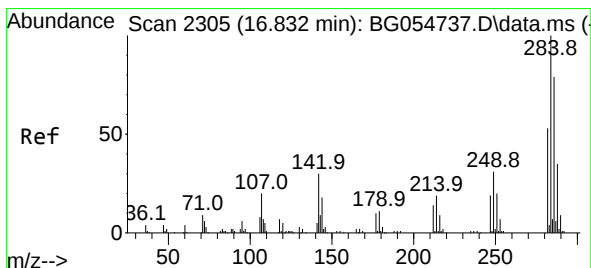
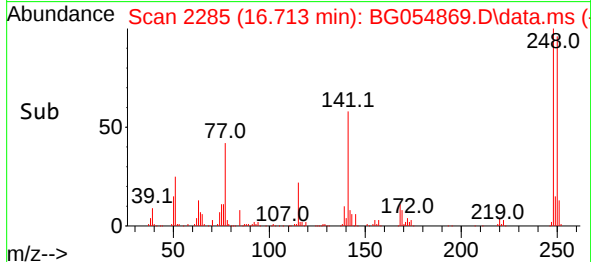
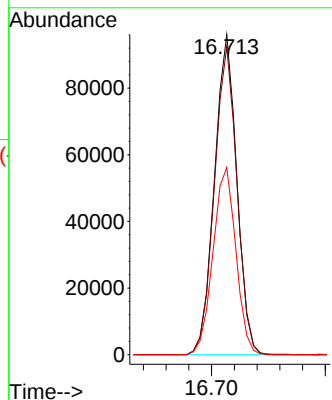
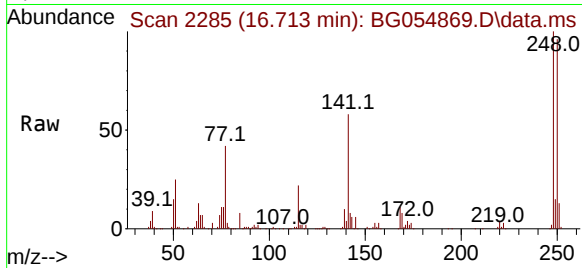




#67  
4-Bromophenyl-phenylether  
Concen: 46.378 ng  
RT: 16.713 min Scan# 21  
Delta R.T. -0.001 min  
Lab File: BG054869.D  
Acq: 7 Sep 2022 14:59

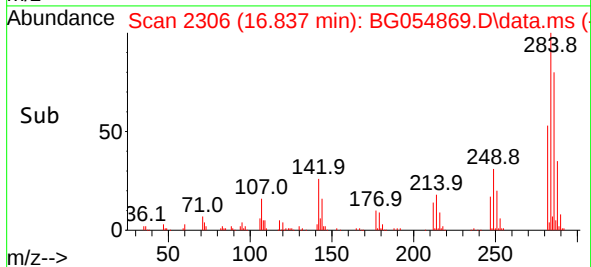
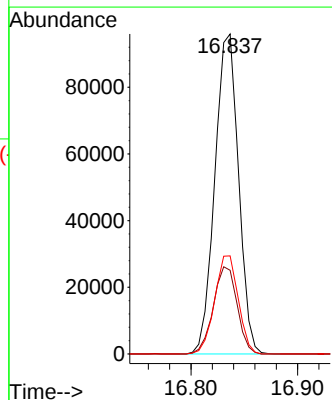
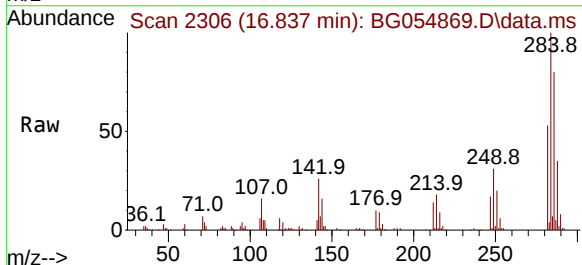
Instrument :  
BNA\_G  
ClientSampleId :  
PB147474BS

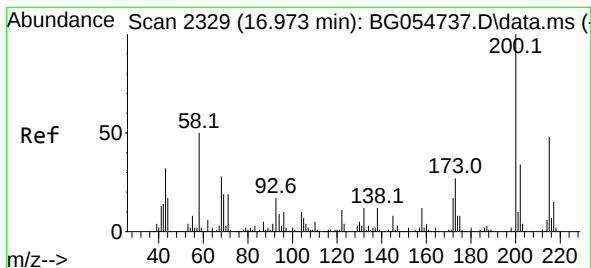
Tgt Ion:248 Resp: 131210  
Ion Ratio Lower Upper  
248 100  
250 96.3 78.8 118.2  
141 58.5 51.9 77.9



#68  
Hexachlorobenzene  
Concen: 46.461 ng  
RT: 16.837 min Scan# 2306  
Delta R.T. 0.005 min  
Lab File: BG054869.D  
Acq: 7 Sep 2022 14:59

Tgt Ion:284 Resp: 147765  
Ion Ratio Lower Upper  
284 100  
142 26.1 25.0 37.6  
249 30.7 24.5 36.7





#69

Atrazine

Concen: 47.955 ng

RT: 16.978 min Scan# 21

Delta R.T. 0.005 min

Lab File: BG054869.D

Acq: 7 Sep 2022 14:59

Instrument :

BNA\_G

ClientSampleId :

PB147474BS

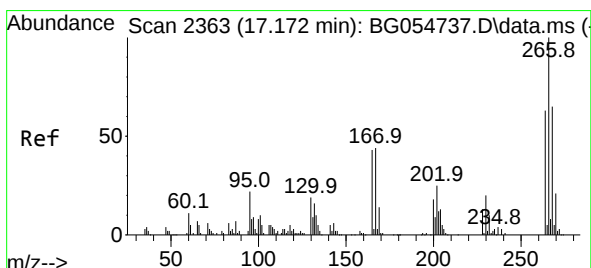
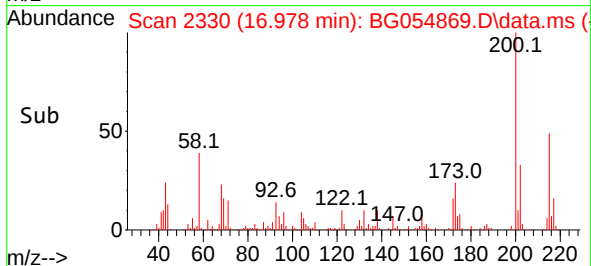
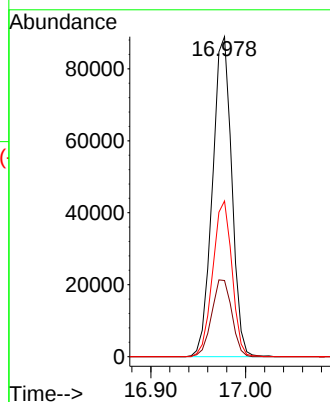
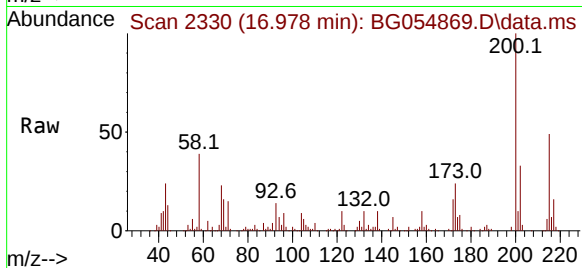
Tgt Ion:200 Resp: 125718

Ion Ratio Lower Upper

200 100

173 23.8 5.6 45.6

215 48.7 28.2 68.2



#70

Pentachlorophenol

Concen: 81.202 ng

RT: 17.183 min Scan# 2365

Delta R.T. 0.011 min

Lab File: BG054869.D

Acq: 7 Sep 2022 14:59

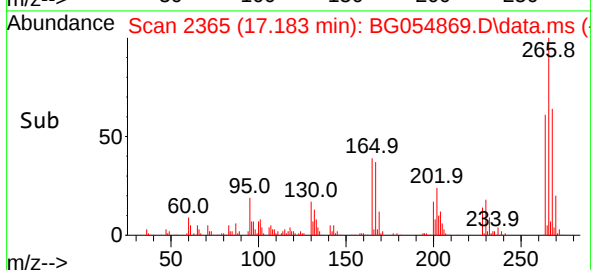
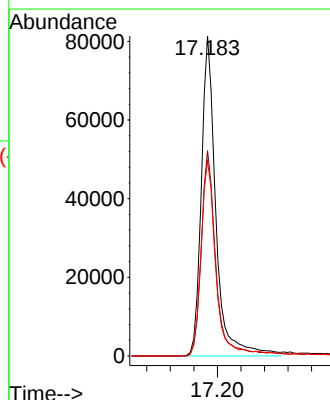
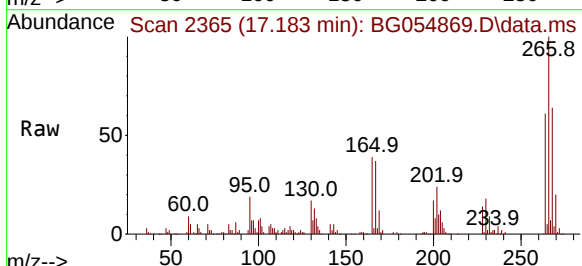
Tgt Ion:266 Resp: 140319

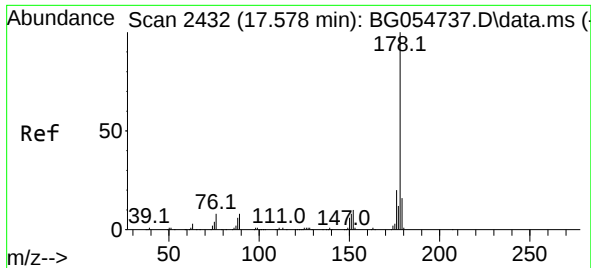
Ion Ratio Lower Upper

266 100

268 64.2 51.2 76.8

264 61.0 49.4 74.0

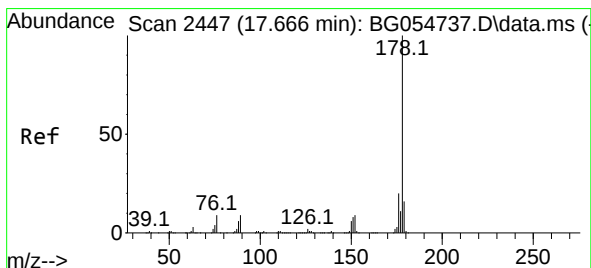
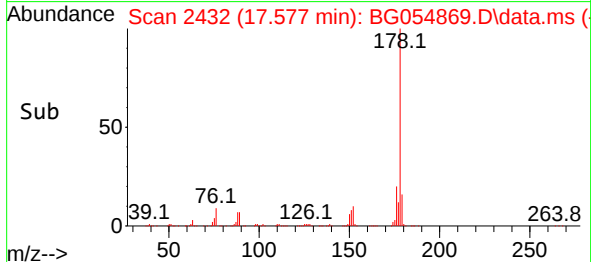
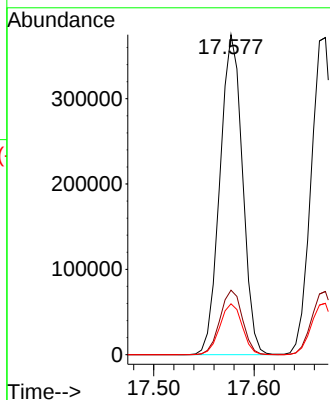
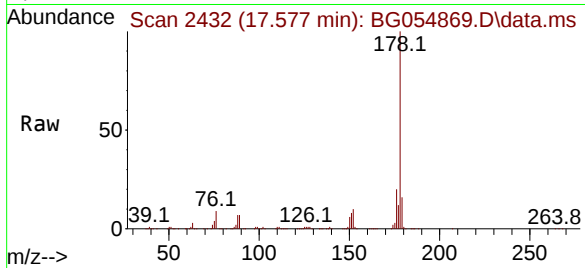




#71  
Phenanthrene  
Concen: 42.637 ng  
RT: 17.577 min Scan# 2432  
Delta R.T. -0.001 min  
Lab File: BG054869.D  
Acq: 7 Sep 2022 14:59

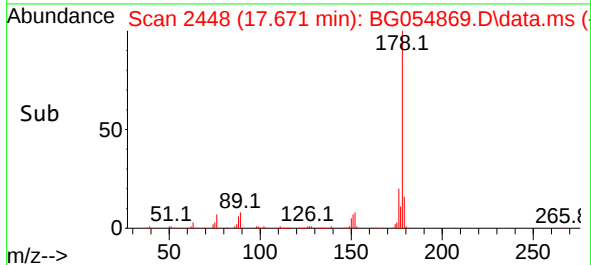
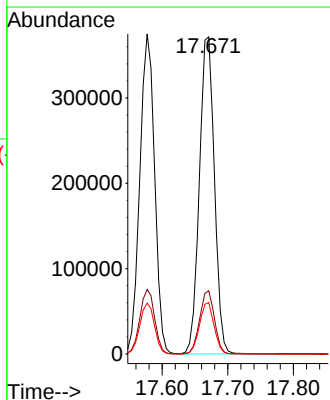
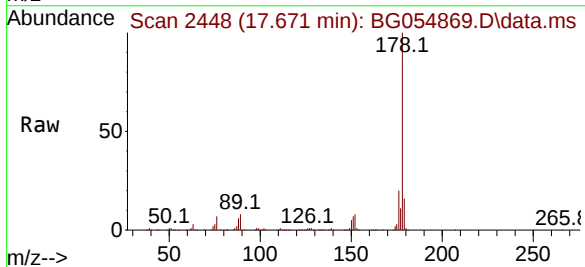
Instrument :  
BNA\_G  
ClientSampleId :  
PB147474BS

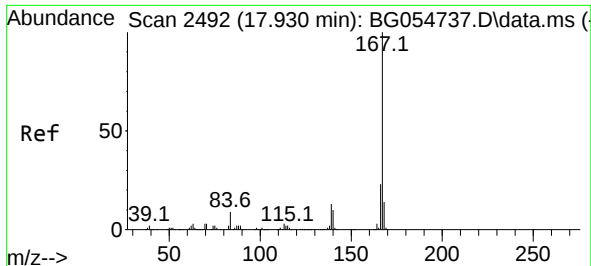
Tgt Ion:178 Resp: 585265  
Ion Ratio Lower Upper  
178 100  
176 20.1 16.6 25.0  
179 15.9 12.8 19.2



#72  
Anthracene  
Concen: 44.479 ng  
RT: 17.671 min Scan# 2448  
Delta R.T. 0.005 min  
Lab File: BG054869.D  
Acq: 7 Sep 2022 14:59

Tgt Ion:178 Resp: 593601  
Ion Ratio Lower Upper  
178 100  
176 19.9 16.2 24.4  
179 16.2 12.9 19.3

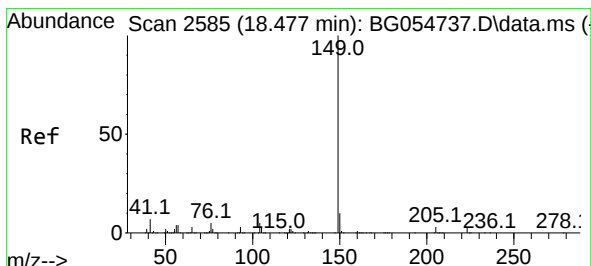
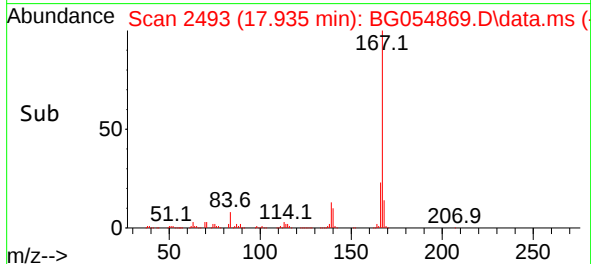
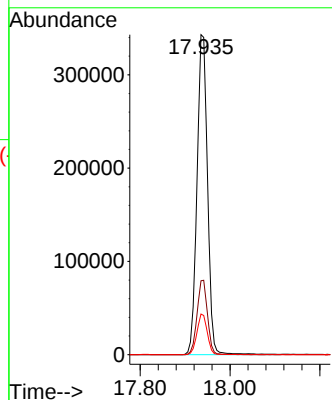
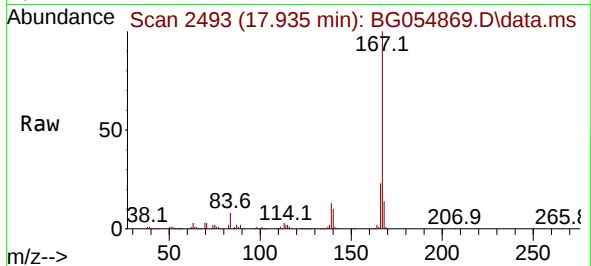




#73  
 Carbazole  
 Concen: 45.388 ng  
 RT: 17.935 min Scan# 2492  
 Delta R.T. 0.005 min  
 Lab File: BG054869.D  
 Acq: 7 Sep 2022 14:59

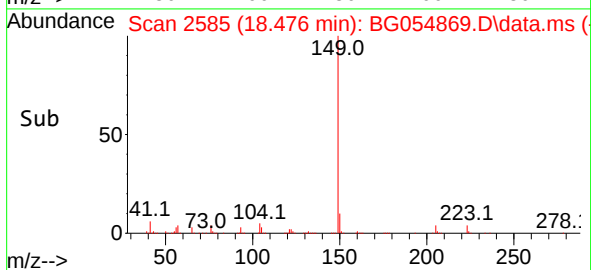
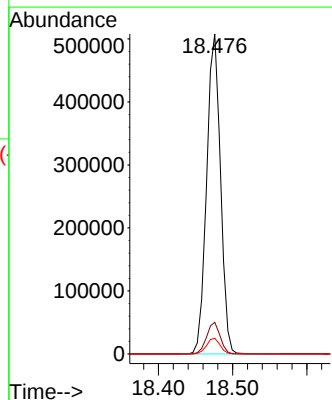
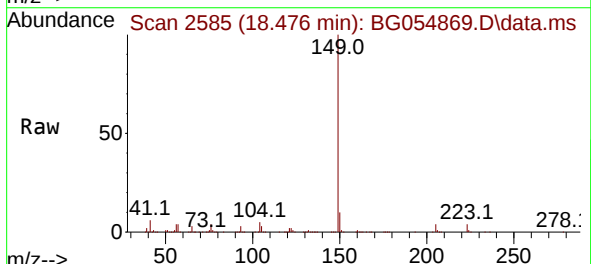
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB147474BS

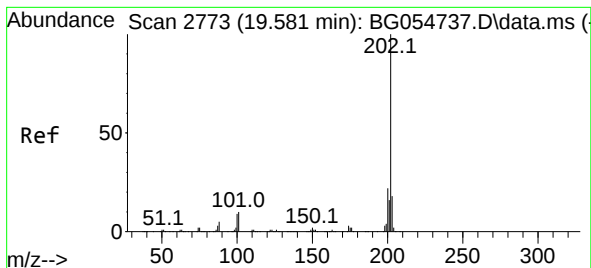
Tgt Ion:167 Resp: 558087  
 Ion Ratio Lower Upper  
 167 100  
 166 23.1 18.8 28.2  
 139 12.7 10.2 15.4



#74  
 Di-n-butylphthalate  
 Concen: 42.300 ng  
 RT: 18.476 min Scan# 2585  
 Delta R.T. -0.001 min  
 Lab File: BG054869.D  
 Acq: 7 Sep 2022 14:59

Tgt Ion:149 Resp: 658156  
 Ion Ratio Lower Upper  
 149 100  
 150 9.9 8.0 12.0  
 104 4.9 4.4 6.6





#75

Fluoranthene

Concen: 43.087 ng

RT: 19.580 min Scan# 21

Delta R.T. -0.001 min

Lab File: BG054869.D

Acq: 7 Sep 2022 14:59

Instrument :

BNA\_G

ClientSampleId :

PB147474BS

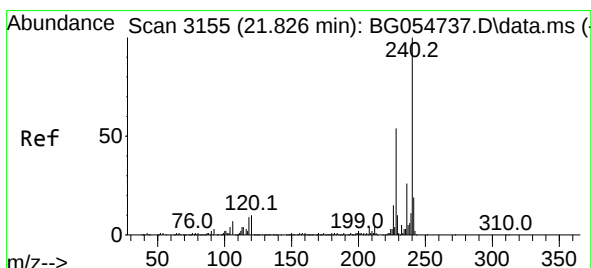
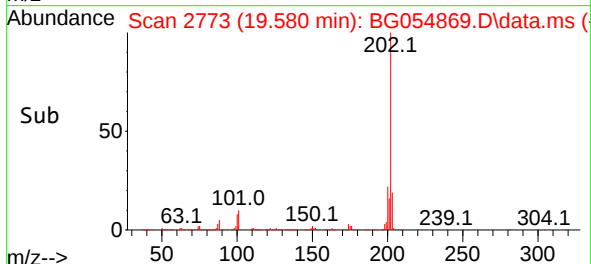
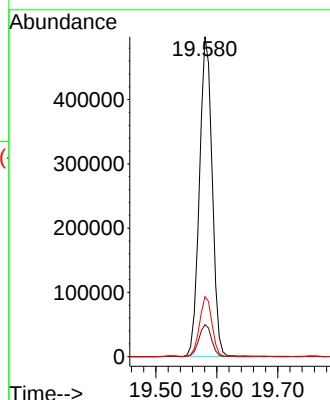
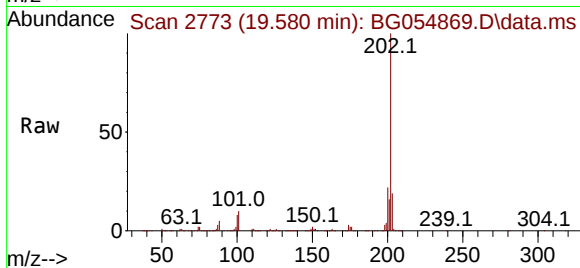
Tgt Ion:202 Resp: 719487

Ion Ratio Lower Upper

202 100

101 10.0 0.0 31.4

203 18.8 0.0 38.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.831 min Scan# 3156

Delta R.T. 0.005 min

Lab File: BG054869.D

Acq: 7 Sep 2022 14:59

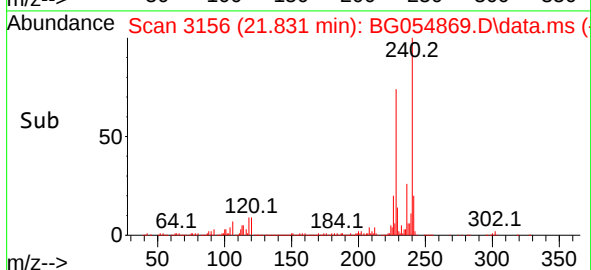
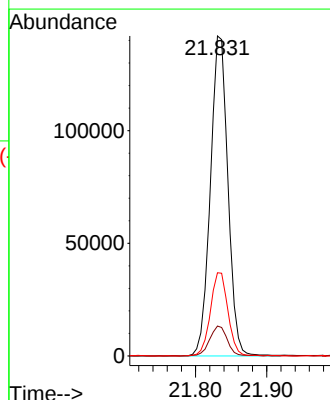
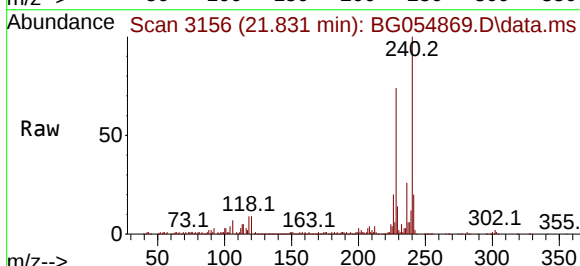
Tgt Ion:240 Resp: 243355

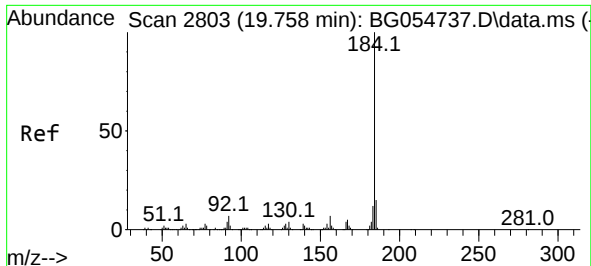
Ion Ratio Lower Upper

240 100

120 9.4 8.2 12.4

236 26.0 21.2 31.8

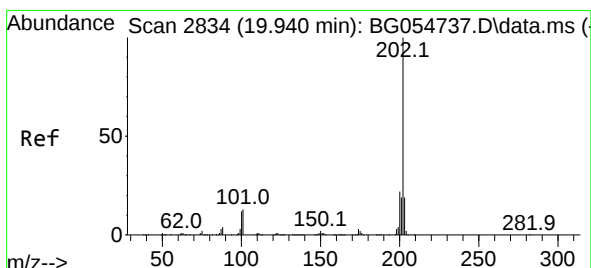
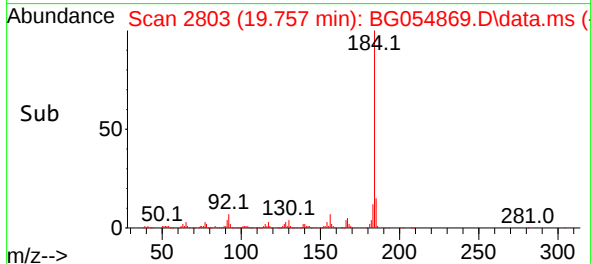
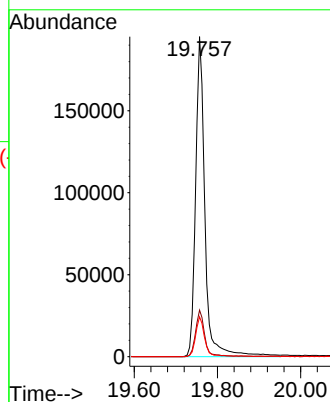
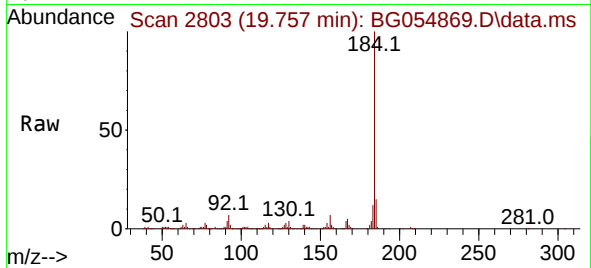




#77  
Benzidine  
Concen: 50.444 ng  
RT: 19.757 min Scan# 2803  
Delta R.T. -0.001 min  
Lab File: BG054869.D  
Acq: 7 Sep 2022 14:59

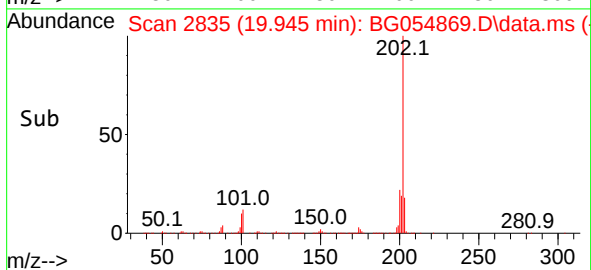
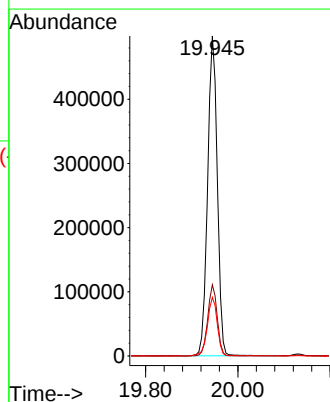
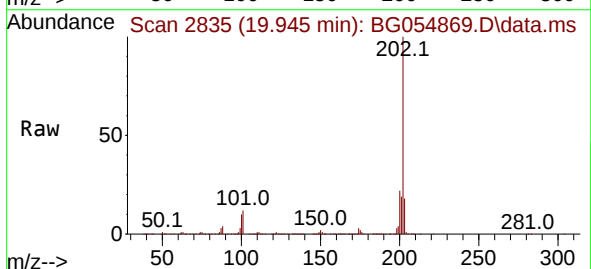
Instrument :  
BNA\_G  
ClientSampleId :  
PB147474BS

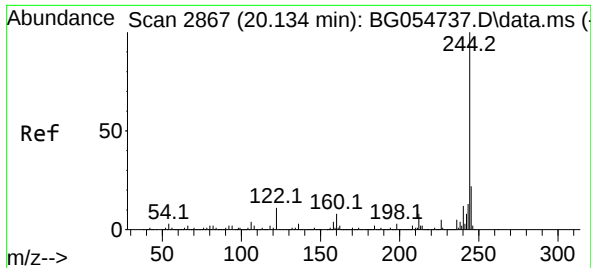
Tgt Ion:184 Resp: 304057  
Ion Ratio Lower Upper  
184 100  
185 14.6 11.4 17.0  
183 12.5 9.8 14.8



#78  
Pyrene  
Concen: 43.061 ng  
RT: 19.945 min Scan# 2835  
Delta R.T. 0.005 min  
Lab File: BG054869.D  
Acq: 7 Sep 2022 14:59

Tgt Ion:202 Resp: 730698  
Ion Ratio Lower Upper  
202 100  
200 22.2 17.8 26.6  
203 18.3 14.6 21.8

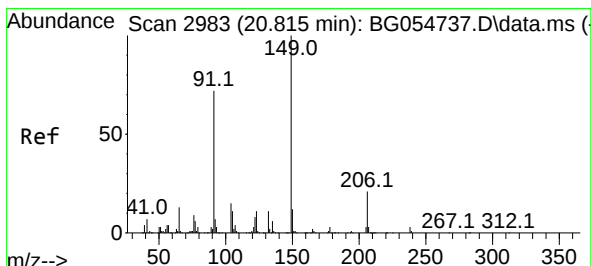
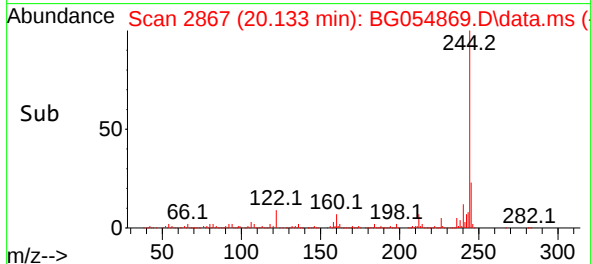
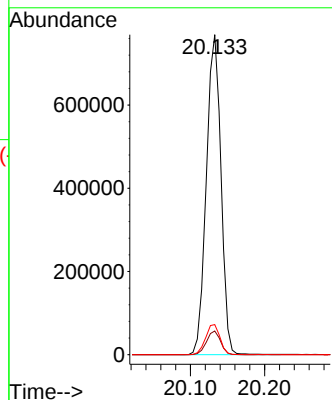
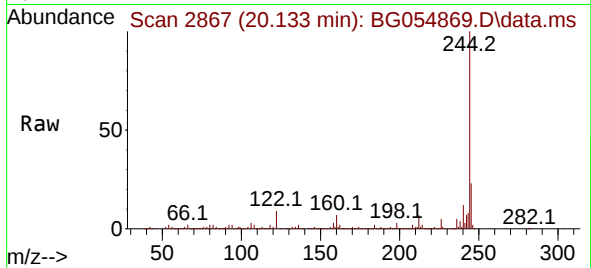




#79  
 Terphenyl-d14  
 Concen: 85.693 ng  
 RT: 20.133 min Scan# 21  
 Delta R.T. -0.001 min  
 Lab File: BG054869.D  
 Acq: 7 Sep 2022 14:59

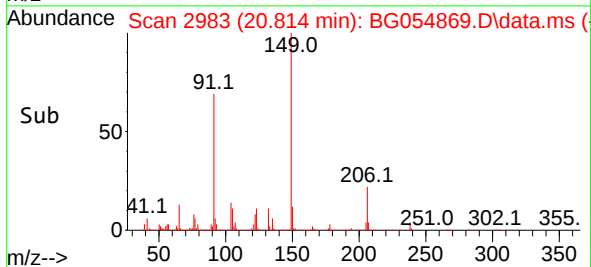
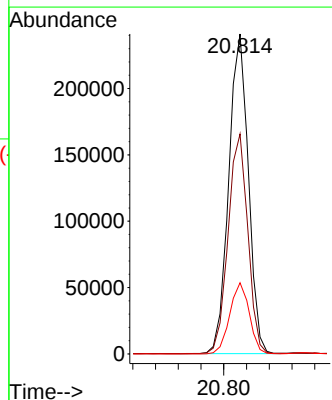
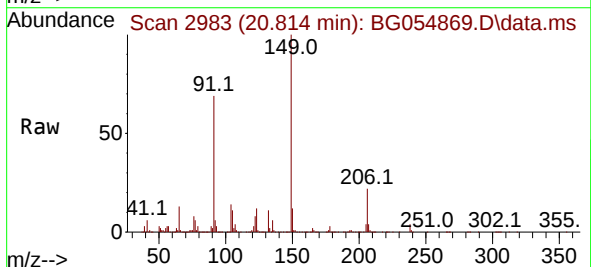
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB147474BS

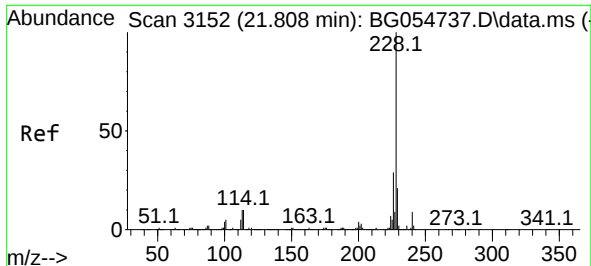
Tgt Ion:244 Resp: 1052486  
 Ion Ratio Lower Upper  
 244 100  
 212 7.4 6.2 9.2  
 122 9.4 9.0 13.6



#80  
 Butylbenzylphthalate  
 Concen: 40.746 ng  
 RT: 20.814 min Scan# 2983  
 Delta R.T. -0.001 min  
 Lab File: BG054869.D  
 Acq: 7 Sep 2022 14:59

Tgt Ion:149 Resp: 288400  
 Ion Ratio Lower Upper  
 149 100  
 91 68.7 59.5 89.3  
 206 22.2 16.6 25.0

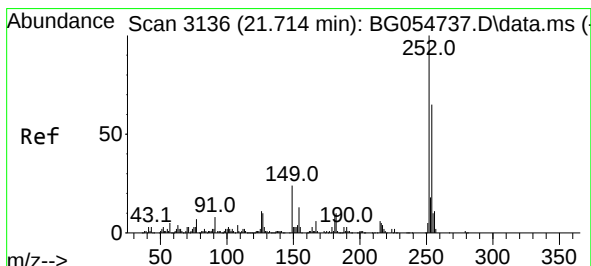
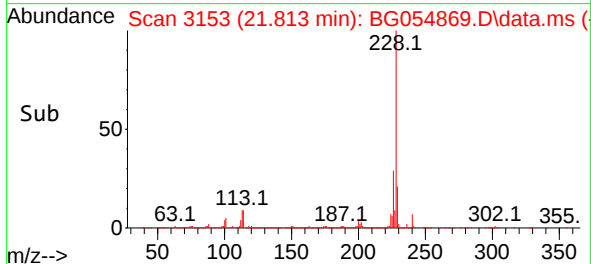
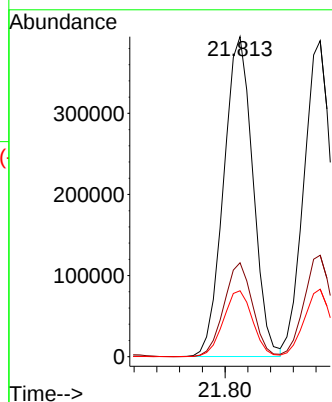
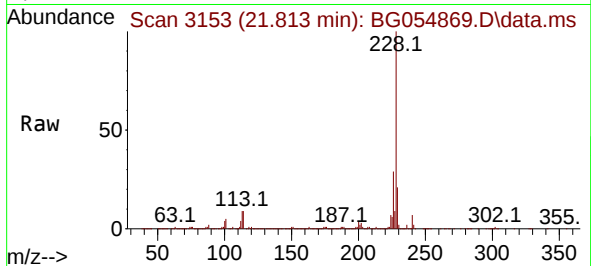




#81  
Benzo(a)anthracene  
Concen: 42.716 ng  
RT: 21.813 min Scan# 3152  
Delta R.T. 0.005 min  
Lab File: BG054869.D  
Acq: 7 Sep 2022 14:59

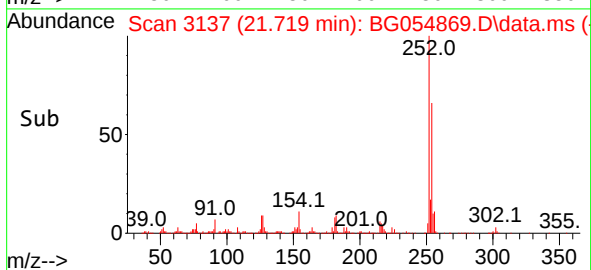
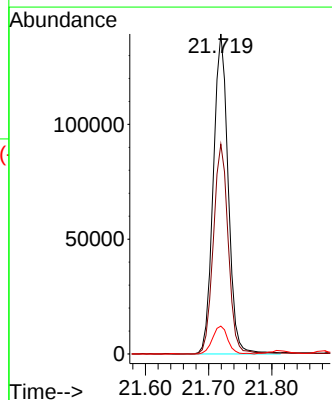
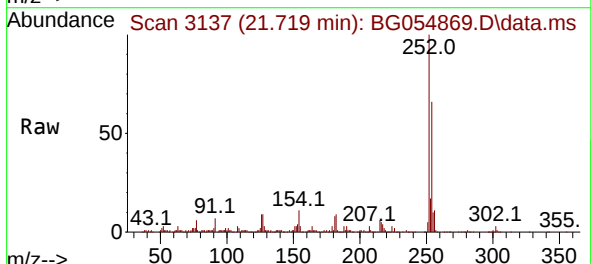
Instrument :  
BNA\_G  
ClientSampleId :  
PB147474BS

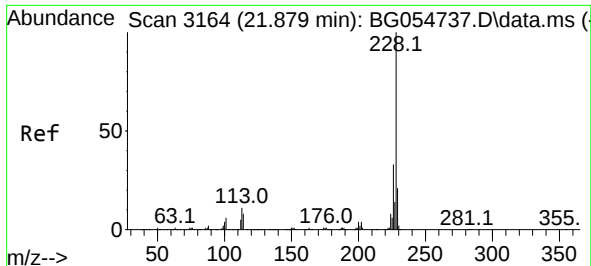
Tgt Ion:228 Resp: 704827  
Ion Ratio Lower Upper  
228 100  
226 29.4 23.4 35.2  
229 20.6 16.5 24.7



#82  
3,3'-Dichlorobenzidine  
Concen: 39.404 ng  
RT: 21.719 min Scan# 3137  
Delta R.T. 0.005 min  
Lab File: BG054869.D  
Acq: 7 Sep 2022 14:59

Tgt Ion:252 Resp: 227956  
Ion Ratio Lower Upper  
252 100  
254 65.5 51.4 77.2  
126 8.7 8.2 12.2

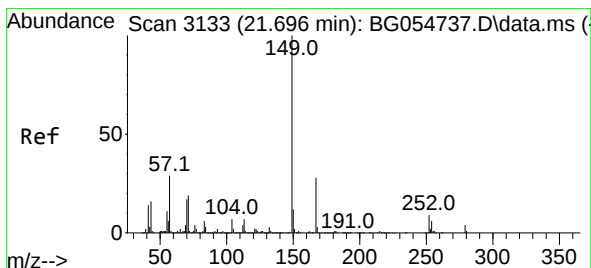
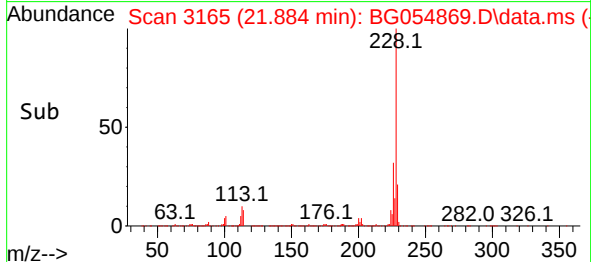
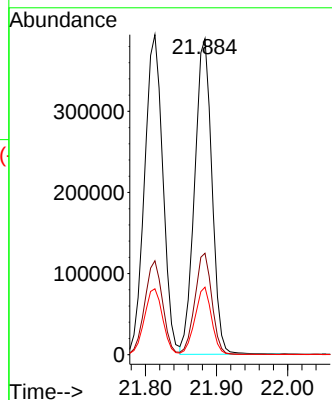
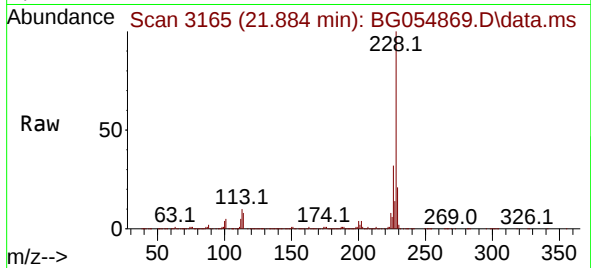




#83  
Chrysene  
Concen: 41.693 ng  
RT: 21.884 min Scan# 3165  
Delta R.T. 0.005 min  
Lab File: BG054869.D  
Acq: 7 Sep 2022 14:59

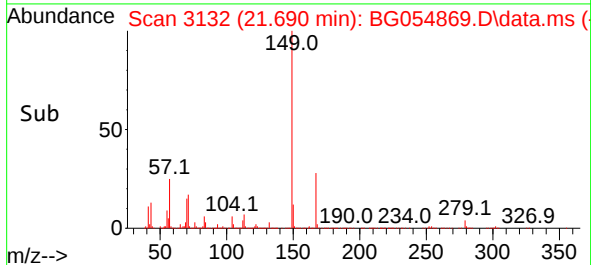
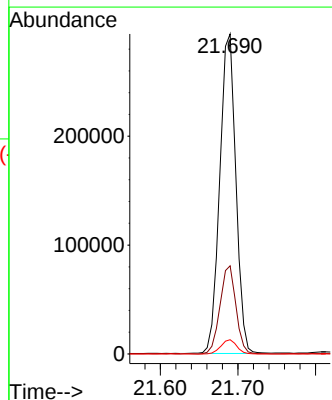
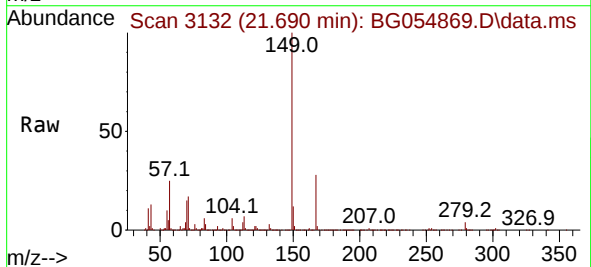
Instrument :  
BNA\_G  
ClientSampleId :  
PB147474BS

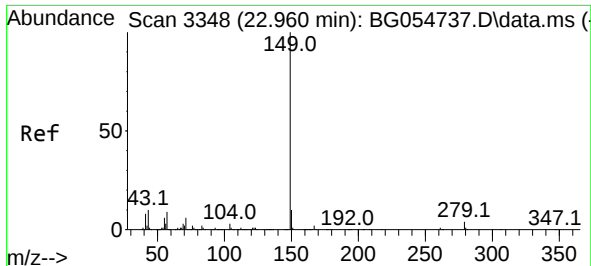
Tgt Ion:228 Resp: 657772  
Ion Ratio Lower Upper  
228 100  
226 32.1 25.5 38.3  
229 21.4 16.8 25.2



#84  
Bis(2-ethylhexyl)phthalate  
Concen: 41.576 ng  
RT: 21.690 min Scan# 3132  
Delta R.T. -0.007 min  
Lab File: BG054869.D  
Acq: 7 Sep 2022 14:59

Tgt Ion:149 Resp: 423980  
Ion Ratio Lower Upper  
149 100  
167 27.5 21.4 32.0  
279 4.5 3.1 4.7

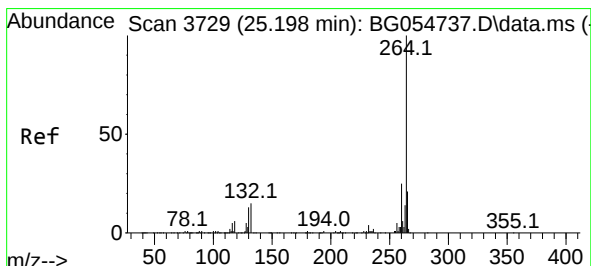
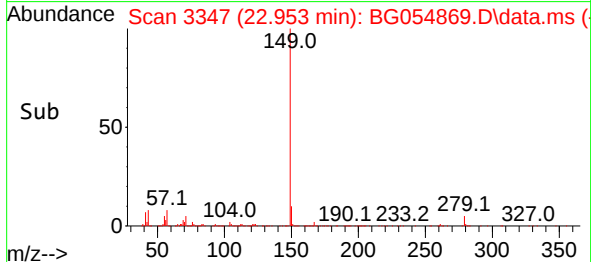
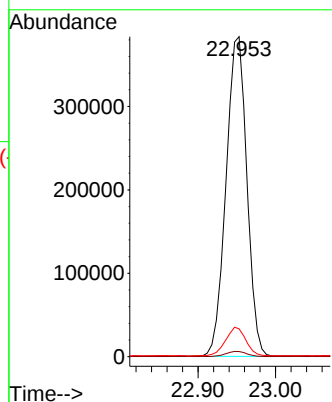
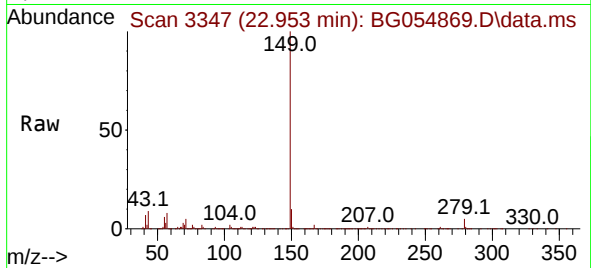




#85  
Di-n-octyl phthalate  
Concen: 41.536 ng  
RT: 22.953 min Scan# 31  
Delta R.T. -0.007 min  
Lab File: BG054869.D  
Acq: 7 Sep 2022 14:59

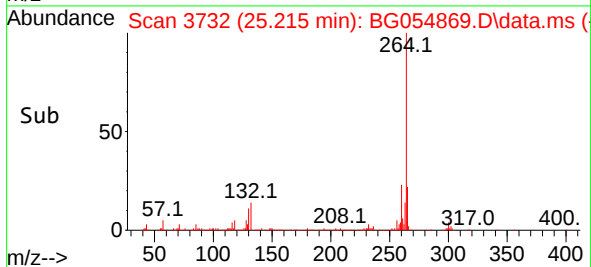
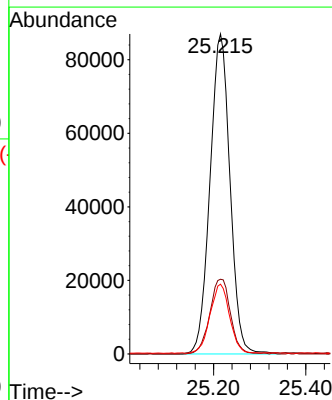
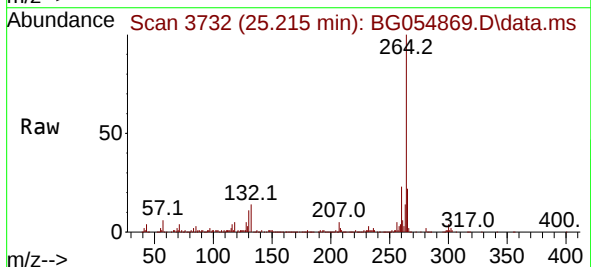
Instrument :  
BNA\_G  
ClientSampleId :  
PB147474BS

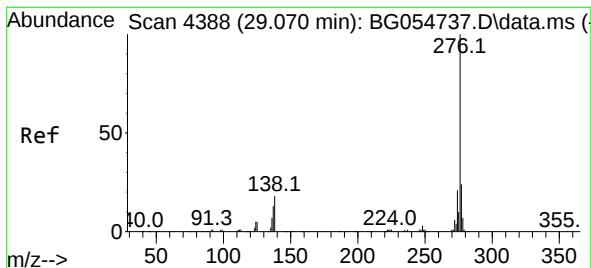
Tgt Ion:149 Resp: 718323  
Ion Ratio Lower Upper  
149 100  
167 1.6 1.2 1.8  
43 8.7 9.0 13.6#



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 25.215 min Scan# 3732  
Delta R.T. 0.017 min  
Lab File: BG054869.D  
Acq: 7 Sep 2022 14:59

Tgt Ion:264 Resp: 261371  
Ion Ratio Lower Upper  
264 100  
260 23.4 19.9 29.9  
265 21.8 16.9 25.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 42.663 ng

RT: 29.122 min Scan# 41

Delta R.T. 0.052 min

Lab File: BG054869.D

Acq: 7 Sep 2022 14:59

Instrument :

BNA\_G

ClientSampleId :

PB147474BS

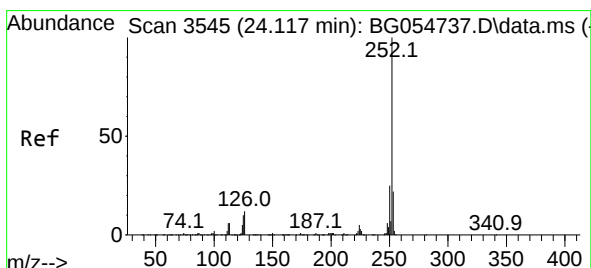
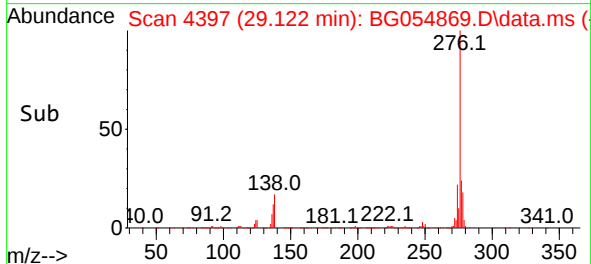
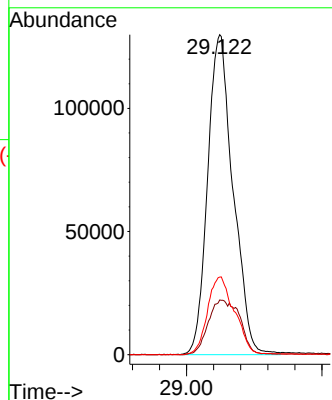
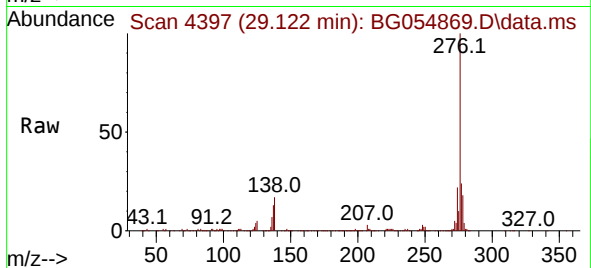
Tgt Ion:276 Resp: 846530

Ion Ratio Lower Upper

276 100

138 21.2 12.0 18.0#

277 25.8 20.2 30.4



#88

Benzo(b)fluoranthene

Concen: 45.711 ng

RT: 24.134 min Scan# 3548

Delta R.T. 0.017 min

Lab File: BG054869.D

Acq: 7 Sep 2022 14:59

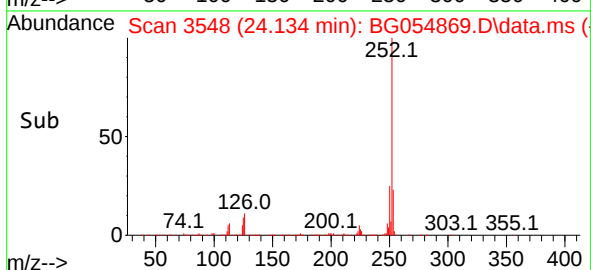
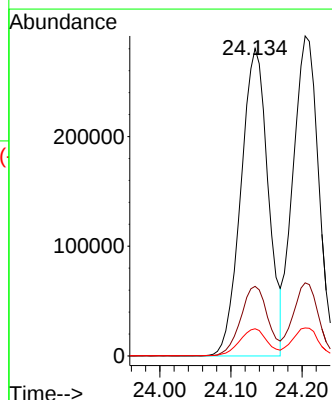
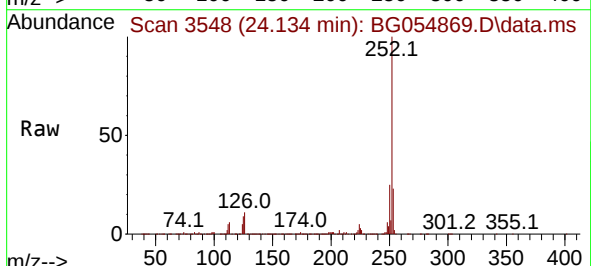
Tgt Ion:252 Resp: 749483

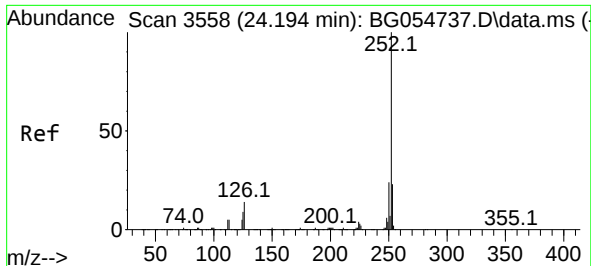
Ion Ratio Lower Upper

252 100

253 22.7 18.0 27.0

125 8.8 8.1 12.1

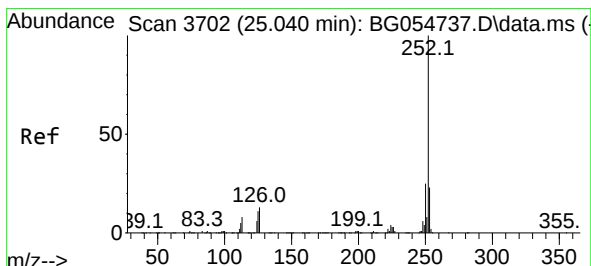
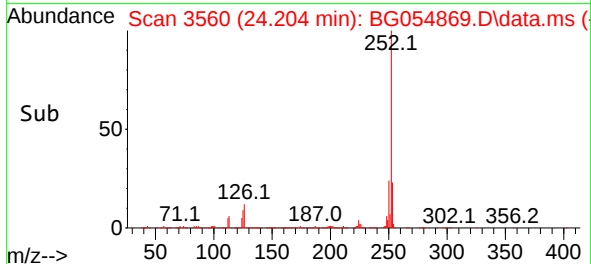
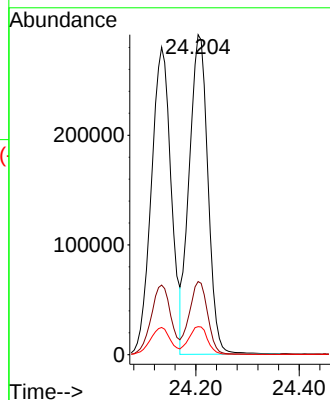
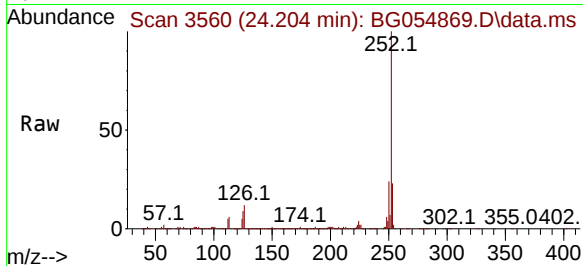




#89  
Benzo(k)fluoranthene  
Concen: 44.212 ng  
RT: 24.204 min Scan# 31  
Delta R.T. 0.011 min  
Lab File: BG054869.D  
Acq: 7 Sep 2022 14:59

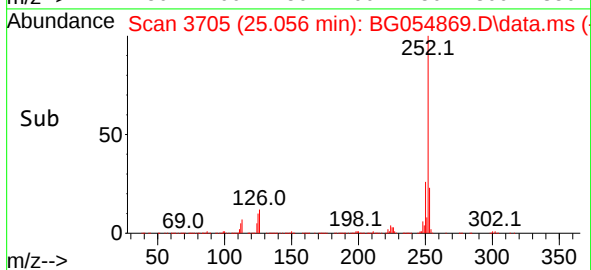
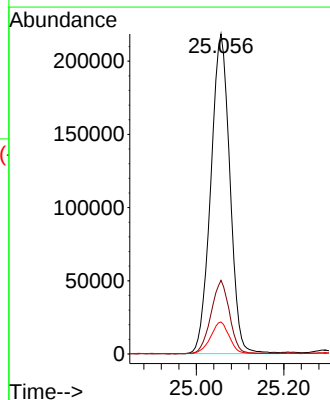
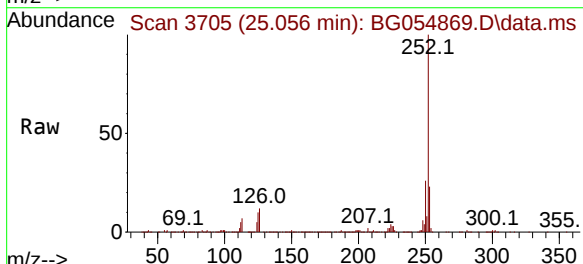
Instrument :  
BNA\_G  
ClientSampleId :  
PB147474BS

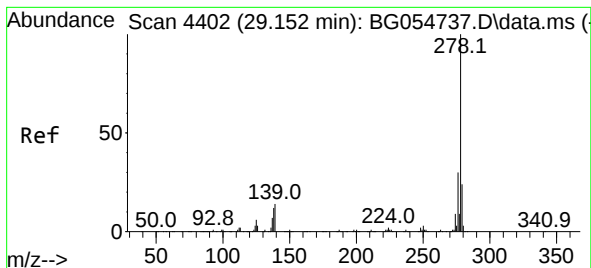
Tgt Ion:252 Resp: 729548  
Ion Ratio Lower Upper  
252 100  
253 22.8 17.8 26.8  
125 8.8 8.2 12.4



#90  
Benzo(a)pyrene  
Concen: 47.042 ng  
RT: 25.056 min Scan# 3705  
Delta R.T. 0.017 min  
Lab File: BG054869.D  
Acq: 7 Sep 2022 14:59

Tgt Ion:252 Resp: 658968  
Ion Ratio Lower Upper  
252 100  
253 23.0 18.3 27.5  
125 10.0 8.8 13.2





#91

Dibenzo(a,h)anthracene

Concen: 45.677 ng

RT: 29.187 min Scan# 4408

Delta R.T. 0.034 min

Lab File: BG054869.D

Acq: 7 Sep 2022 14:59

Instrument :

BNA\_G

ClientSampleId :

PB147474BS

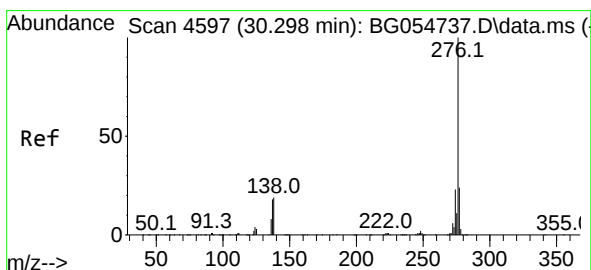
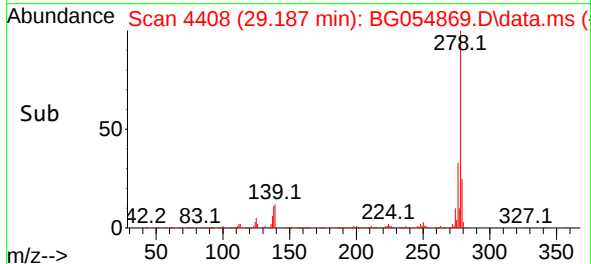
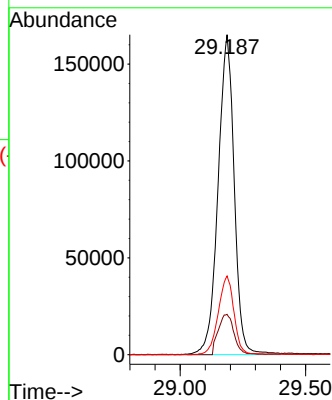
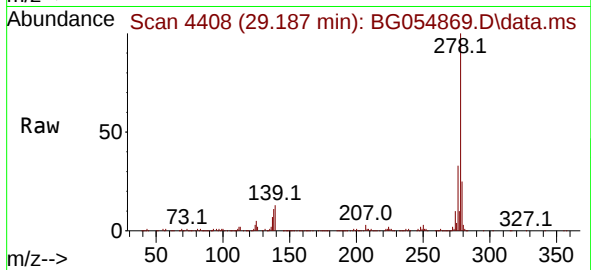
Tgt Ion:278 Resp: 738382

Ion Ratio Lower Upper

278 100

139 12.6 11.4 17.2

279 24.6 19.3 28.9



#92

Benzo(g,h,i)perylene

Concen: 44.639 ng

RT: 30.344 min Scan# 4605

Delta R.T. 0.046 min

Lab File: BG054869.D

Acq: 7 Sep 2022 14:59

Tgt Ion:276 Resp: 729007

Ion Ratio Lower Upper

276 100

277 24.6 19.4 29.0

138 17.8 16.6 25.0

