

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG082823\  
 Data File : BG058868.D  
 Acq On : 28 Aug 2023 11:11  
 Operator : MA/JU  
 Sample : PB155117BS  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB155117BS

Quant Time: Aug 29 01:09:36 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG081823.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sun Aug 27 03:38:58 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.823  | 152  | 16714    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.625 | 136  | 69301    | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.474 | 164  | 47887    | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.218 | 188  | 116135   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 21.460 | 240  | 97321    | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 24.538 | 264  | 121747   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.402  | 112  | 153032   | 147.342 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.000  | 99   | 202458   | 138.937 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 8.992  | 82   | 125492   | 87.060  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 15.966 | 330  | 106850   | 142.304 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.093 | 172  | 288610   | 87.659  | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.832 | 244  | 540851   | 99.788  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.275  | 88   | 17139    | 35.099  | ng    | 96       |
| 3) Pyridine                   | 3.675  | 79   | 43839    | 33.974  | ng    | 88       |
| 4) n-Nitrosodimethylamine     | 3.598  | 42   | 33120    | 47.212  | ng    | 100      |
| 6) Aniline                    | 7.153  | 93   | 57328    | 32.183  | ng    | 96       |
| 8) 2-Chlorophenol             | 7.394  | 128  | 55748    | 53.086  | ng    | 96       |
| 9) Benzaldehyde               | 6.965  | 77   | 20677    | 25.297  | ng    | 97       |
| 10) Phenol                    | 7.024  | 94   | 73015    | 51.963  | ng    | 99       |
| 11) bis(2-Chloroethyl)ether   | 7.247  | 93   | 49226    | 44.897  | ng    | 99       |
| 12) 1,3-Dichlorobenzene       | 7.711  | 146  | 55356    | 49.626  | ng    | 96       |
| 13) 1,4-Dichlorobenzene       | 7.858  | 146  | 56460    | 50.054  | ng    | 97       |
| 14) 1,2-Dichlorobenzene       | 8.175  | 146  | 54708    | 50.180  | ng    | 96       |
| 15) Benzyl Alcohol            | 8.064  | 79   | 53923    | 51.757  | ng    | 93       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.351  | 45   | 115357   | 49.369  | ng    | 97       |
| 17) 2-Methylphenol            | 8.275  | 107  | 48723    | 47.211  | ng    | 96       |
| 18) Hexachloroethane          | 8.898  | 117  | 21087    | 51.309  | ng    | 94       |
| 19) n-Nitroso-di-n-propyla... | 8.628  | 70   | 42589    | 45.214  | ng    | 99       |
| 20) 3+4-Methylphenols         | 8.604  | 107  | 65928    | 47.516  | ng    | 98       |
| 22) Acetophenone              | 8.651  | 105  | 84311    | 44.943  | ng    | # 97     |
| 24) Nitrobenzene              | 9.033  | 77   | 64090    | 44.704  | ng    | # 97     |
| 25) Isophorone                | 9.550  | 82   | 122370   | 42.689  | ng    | 100      |
| 26) 2-Nitrophenol             | 9.744  | 139  | 29552    | 49.287  | ng    | 97       |
| 27) 2,4-Dimethylphenol        | 9.803  | 122  | 48934    | 48.155  | ng    | 97       |
| 28) bis(2-Chloroethoxy)met... | 10.032 | 93   | 66992    | 44.120  | ng    | 97       |
| 29) 2,4-Dichlorophenol        | 10.285 | 162  | 54554    | 52.244  | ng    | 94       |
| 30) 1,2,4-Trichlorobenzene    | 10.490 | 180  | 59780    | 47.409  | ng    | 99       |
| 31) Naphthalene               | 10.678 | 128  | 164304   | 45.154  | ng    | 99       |
| 32) Benzoic acid              | 9.973  | 122  | 26888    | 43.751  | ng    | 96       |
| 33) 4-Chloroaniline           | 10.796 | 127  | 35486    | 23.124  | ng    | 96       |
| 34) Hexachlorobutadiene       | 10.954 | 225  | 41226    | 48.443  | ng    | 98       |
| 35) Caprolactam               | 11.565 | 113  | 8836     | 23.615  | ng    | # 81     |
| 36) 4-Chloro-3-methylphenol   | 11.924 | 107  | 62989    | 48.507  | ng    | 97       |
| 37) 2-Methylnaphthalene       | 12.288 | 142  | 114672   | 43.878  | ng    | 97       |
| 38) 1-Methylnaphthalene       | 12.511 | 142  | 110772   | 44.652  | ng    | 100      |
| 40) 1,2,4,5-Tetrachloroben... | 12.664 | 216  | 69013    | 46.747  | ng    | 100      |
| 41) Hexachlorocyclopentadiene | 12.635 | 237  | 52943    | 89.934  | ng    | 94       |
| 43) 2,4,6-Trichlorophenol     | 12.905 | 196  | 47657    | 50.733  | ng    | 96       |

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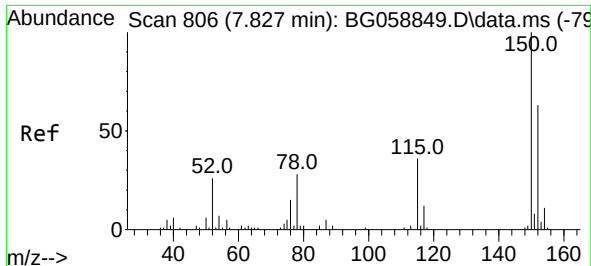
Quant Time: Aug 29 01:09:36 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG081823.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sun Aug 27 03:38:58 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 12.987 | 196  | 53143    | 47.243 | ng    | 96       |
| 46) 1,1'-Biphenyl             | 13.305 | 154  | 150348   | 45.576 | ng    | 98       |
| 47) 2-Chloronaphthalene       | 13.346 | 162  | 121948   | 47.436 | ng    | 98       |
| 48) 2-Nitroaniline            | 13.563 | 65   | 44472    | 45.548 | ng    | 100      |
| 49) Acenaphthylene            | 14.192 | 152  | 199452   | 46.784 | ng    | 99       |
| 50) Dimethylphthalate         | 13.927 | 163  | 166924   | 45.020 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 14.057 | 165  | 37096    | 47.623 | ng    | 99       |
| 52) Acenaphthene              | 14.532 | 154  | 114082   | 45.791 | ng    | 97       |
| 53) 3-Nitroaniline            | 14.391 | 138  | 23267    | 30.969 | ng    | # 93     |
| 54) 2,4-Dinitrophenol         | 14.603 | 184  | 39289    | 89.362 | ng    | 97       |
| 55) Dibenzofuran              | 14.873 | 168  | 195348   | 45.456 | ng    | 99       |
| 56) 4-Nitrophenol             | 14.709 | 139  | 51606    | 94.117 | ng    | 98       |
| 57) 2,4-Dinitrotoluene        | 14.850 | 165  | 54178    | 49.866 | ng    | # 98     |
| 58) Fluorene                  | 15.520 | 166  | 156611   | 45.791 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.102 | 232  | 47848    | 52.125 | ng    | 99       |
| 60) Diethylphthalate          | 15.290 | 149  | 174869   | 45.743 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 15.508 | 204  | 86968    | 45.877 | ng    | 95       |
| 62) 4-Nitroaniline            | 15.555 | 138  | 37058    | 48.605 | ng    | 93       |
| 63) Azobenzene                | 15.802 | 77   | 155248   | 44.227 | ng    | 99       |
| 65) 4,6-Dinitro-2-methylph... | 15.614 | 198  | 31644    | 48.205 | ng    | 97       |
| 66) n-Nitrosodiphenylamine    | 15.731 | 169  | 141680   | 47.333 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 16.401 | 248  | 60281    | 47.301 | ng    | 98       |
| 68) Hexachlorobenzene         | 16.524 | 284  | 67820    | 49.446 | ng    | 98       |
| 69) Atrazine                  | 16.677 | 200  | 59828    | 56.479 | ng    | 98       |
| 70) Pentachlorophenol         | 16.871 | 266  | 59323    | 82.482 | ng    | 99       |
| 71) Phenanthrene              | 17.259 | 178  | 263929   | 47.339 | ng    | 98       |
| 72) Anthracene                | 17.347 | 178  | 264366   | 47.278 | ng    | 98       |
| 73) Carbazole                 | 17.623 | 167  | 249553   | 48.735 | ng    | 98       |
| 74) Di-n-butylphthalate       | 18.175 | 149  | 304989   | 47.215 | ng    | 99       |
| 75) Fluoranthene              | 19.274 | 202  | 322761   | 46.683 | ng    | 98       |
| 77) Benzidine                 | 19.462 | 184  | 99342    | 56.956 | ng    | 99       |
| 78) Pyrene                    | 19.638 | 202  | 332840   | 49.084 | ng    | 97       |
| 80) Butylbenzylphthalate      | 20.520 | 149  | 135251   | 49.179 | ng    | 99       |
| 81) Benzo(a)anthracene        | 21.442 | 228  | 328823   | 48.539 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 21.360 | 252  | 88570    | 37.869 | ng    | 100      |
| 83) Chrysene                  | 21.507 | 228  | 306825   | 46.989 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 21.336 | 149  | 193558   | 47.987 | ng    | 99       |
| 85) Di-n-octyl phthalate      | 22.488 | 149  | 335964   | 48.426 | ng    | 100      |
| 87) Indeno(1,2,3-cd)pyrene    | 28.046 | 276  | 404189   | 49.070 | ng    | # 94     |
| 88) Benzo(b)fluoranthene      | 23.563 | 252  | 351901   | 52.094 | ng    | 98       |
| 89) Benzo(k)fluoranthene      | 23.628 | 252  | 329016   | 47.228 | ng    | 99       |
| 90) Benzo(a)pyrene            | 24.392 | 252  | 309030   | 46.461 | ng    | 98       |
| 91) Dibenzo(a,h)anthracene    | 28.099 | 278  | 337674   | 49.889 | ng    | 99       |
| 92) Benzo(g,h,i)perylene      | 29.151 | 276  | 328522   | 48.546 | ng    | 98       |

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

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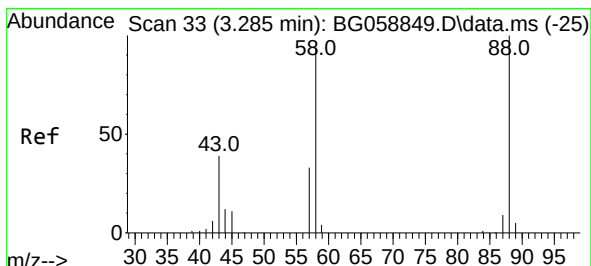
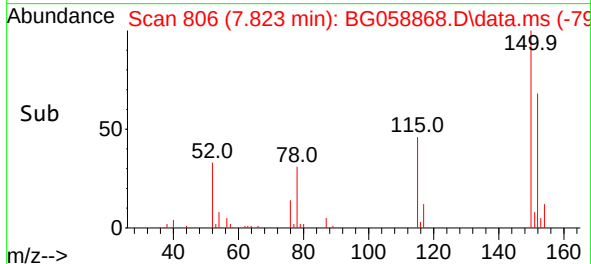
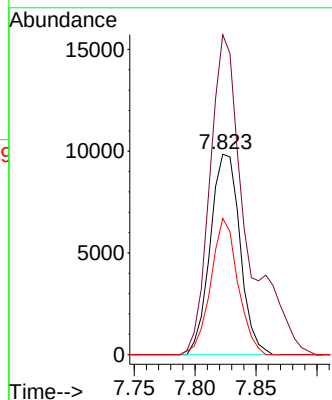
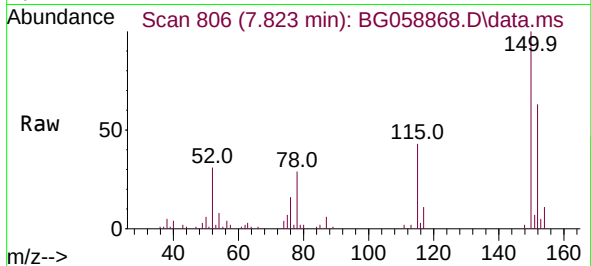




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 7.823 min Scan# 80  
 Delta R.T. -0.004 min  
 Lab File: BG058868.D  
 Acq: 28 Aug 2023 11:11

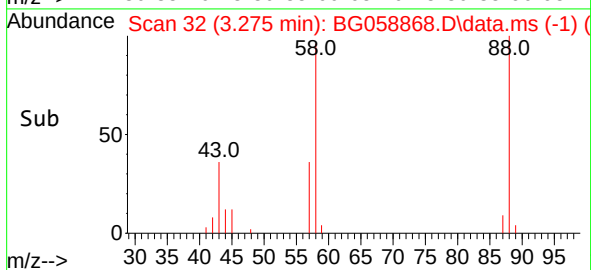
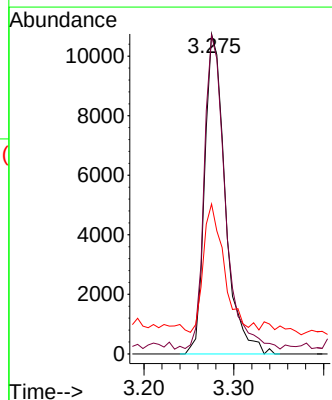
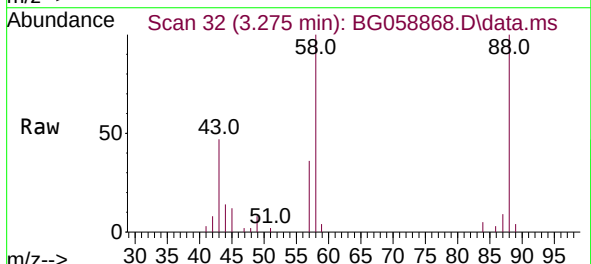
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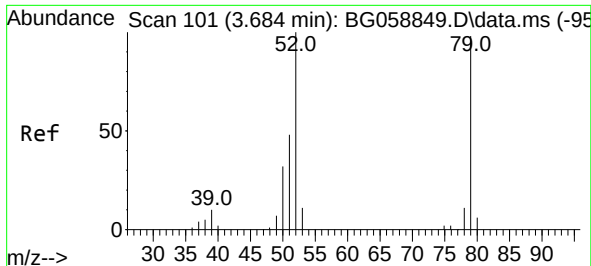
Tgt Ion:152 Resp: 16714  
 Ion Ratio Lower Upper  
 152 100  
 150 159.6 128.6 192.8  
 115 67.9 50.4 75.6



#2  
 1,4-Dioxane  
 Concen: 35.099 ng  
 RT: 3.275 min Scan# 32  
 Delta R.T. -0.010 min  
 Lab File: BG058868.D  
 Acq: 28 Aug 2023 11:11

Tgt Ion: 88 Resp: 17139  
 Ion Ratio Lower Upper  
 88 100  
 58 99.7 82.8 124.2  
 43 39.8 30.1 45.1

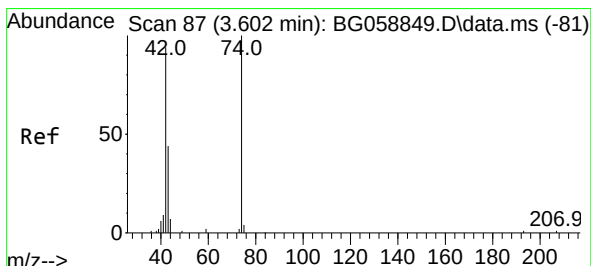
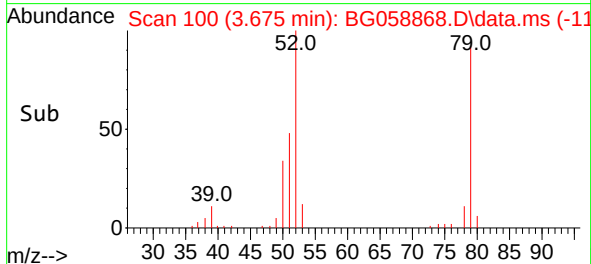
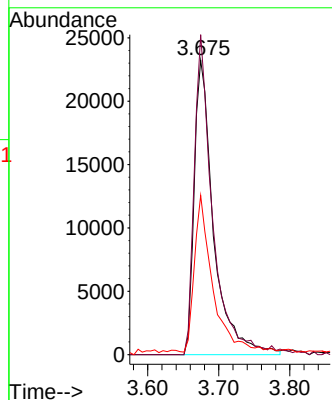
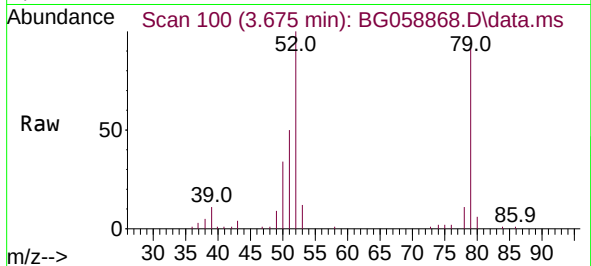




#3  
Pyridine  
Concen: 33.974 ng  
RT: 3.675 min Scan# 101  
Delta R.T. -0.010 min  
Lab File: BG058868.D  
Acq: 28 Aug 2023 11:11

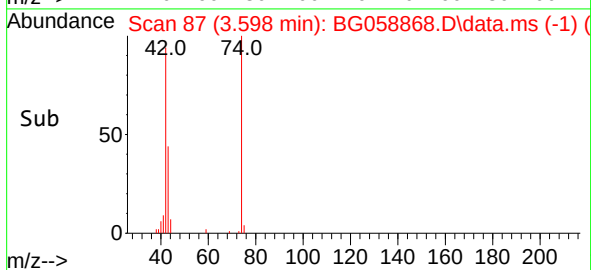
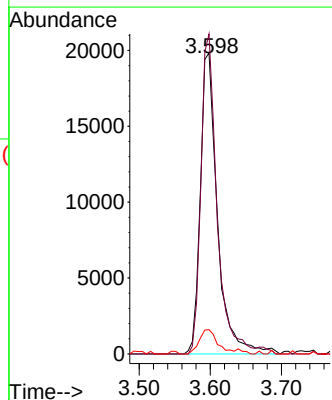
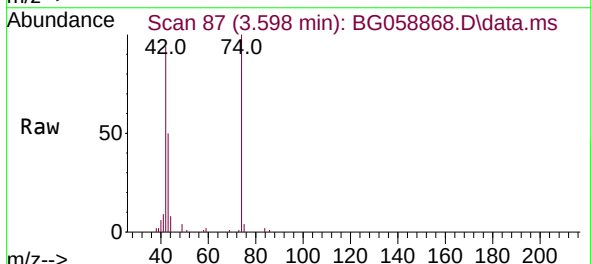
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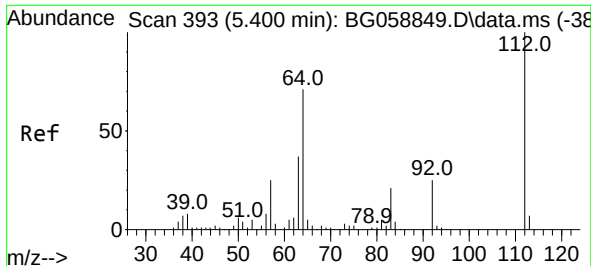
Tgt Ion: 79 Resp: 43839  
Ion Ratio Lower Upper  
79 100  
52 108.7 77.6 116.4  
51 54.1 37.5 56.3



#4  
n-Nitrosodimethylamine  
Concen: 47.212 ng  
RT: 3.598 min Scan# 87  
Delta R.T. -0.004 min  
Lab File: BG058868.D  
Acq: 28 Aug 2023 11:11

Tgt Ion: 42 Resp: 33120  
Ion Ratio Lower Upper  
42 100  
74 106.3 85.1 127.7  
44 8.0 6.9 10.3

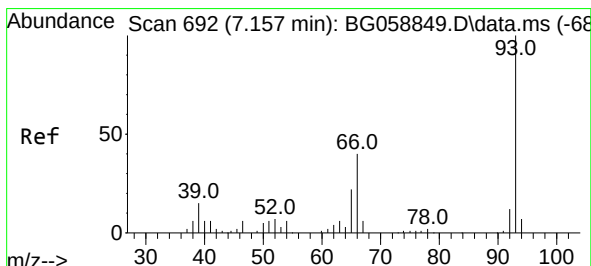
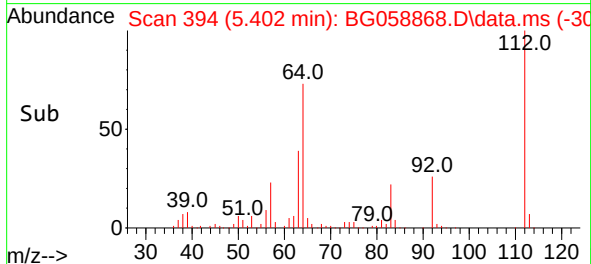
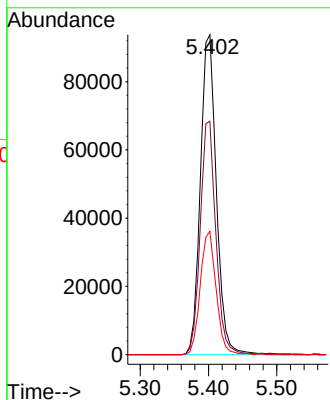
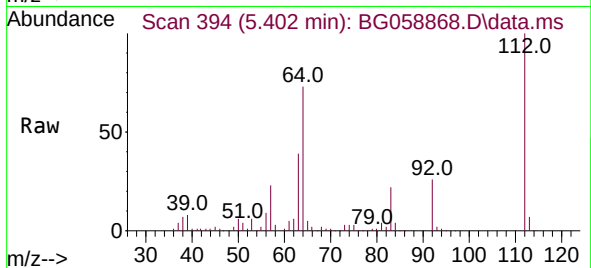




#5  
2-Fluorophenol  
Concen: 147.342 ng  
RT: 5.402 min Scan# 393  
Delta R.T. 0.002 min  
Lab File: BG058868.D  
Acq: 28 Aug 2023 11:11

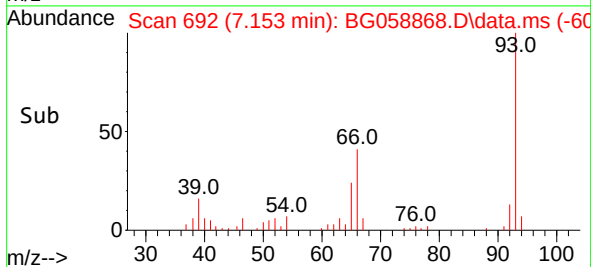
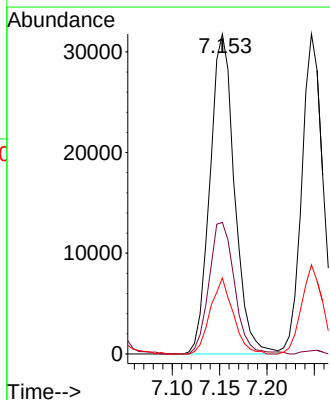
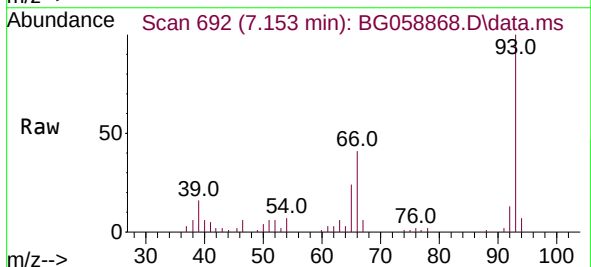
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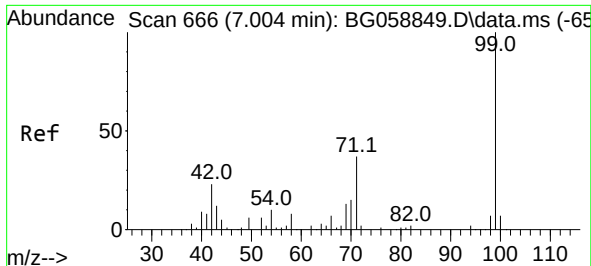
Tgt Ion:112 Resp: 153032  
Ion Ratio Lower Upper  
112 100  
64 72.9 60.6 90.8  
63 38.5 31.0 46.4



#6  
Aniline  
Concen: 32.183 ng  
RT: 7.153 min Scan# 692  
Delta R.T. -0.004 min  
Lab File: BG058868.D  
Acq: 28 Aug 2023 11:11

Tgt Ion: 93 Resp: 57328  
Ion Ratio Lower Upper  
93 100  
66 41.1 35.7 53.5  
65 23.7 18.2 27.2

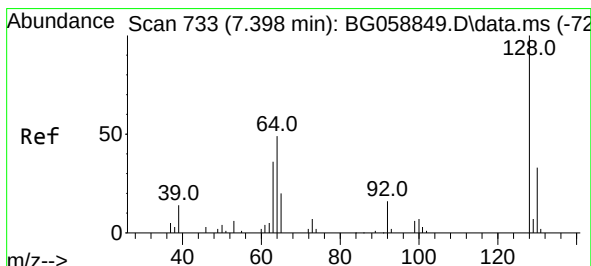
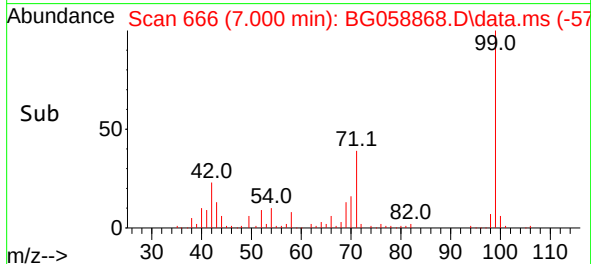
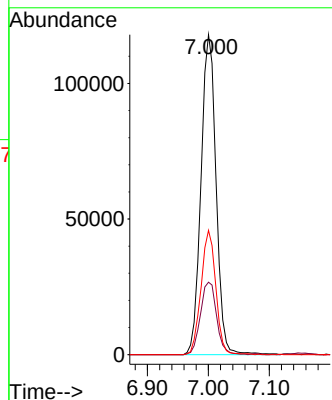
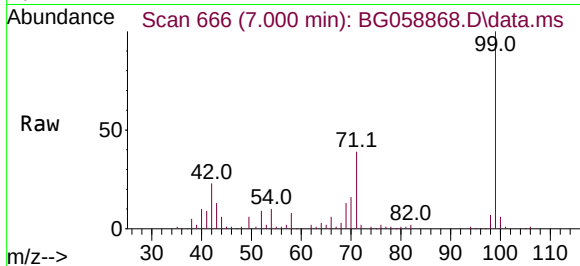




#7  
Phenol-d6  
Concen: 138.937 ng  
RT: 7.000 min Scan# 666  
Delta R.T. -0.004 min  
Lab File: BG058868.D  
Acq: 28 Aug 2023 11:11

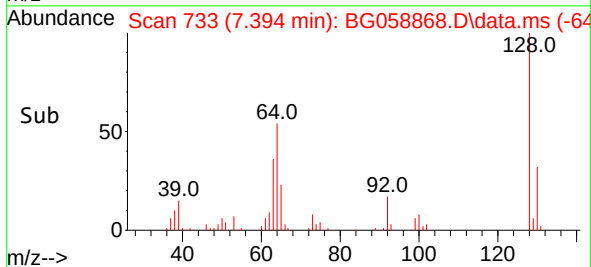
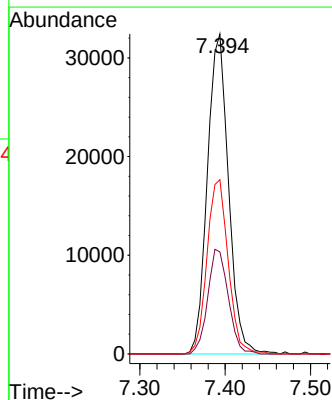
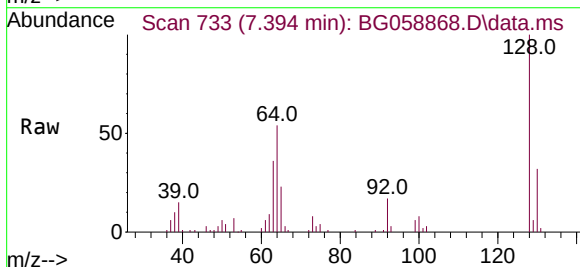
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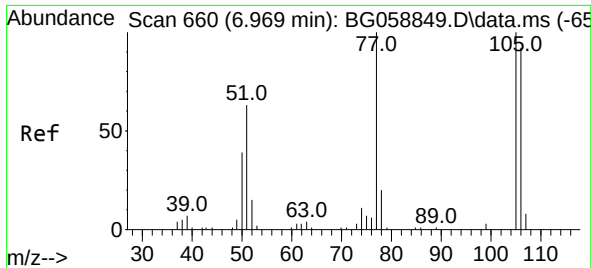
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Ion Ratio Lower Upper  
99 100  
42 22.6 16.5 24.7  
71 38.8 28.4 42.6



#8  
2-Chlorophenol  
Concen: 53.086 ng  
RT: 7.394 min Scan# 733  
Delta R.T. -0.004 min  
Lab File: BG058868.D  
Acq: 28 Aug 2023 11:11

Tgt Ion:128 Resp: 55748  
Ion Ratio Lower Upper  
128 100  
130 31.9 10.9 50.9  
64 54.4 38.4 78.4

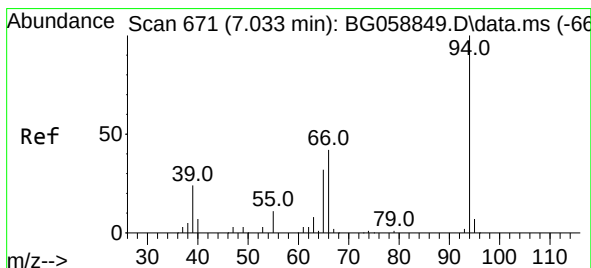
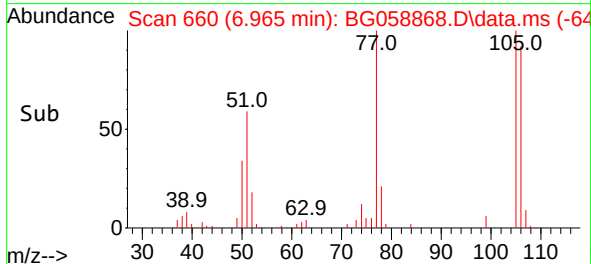
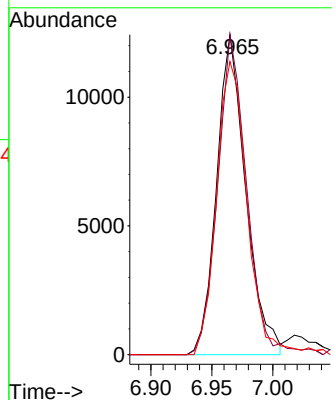
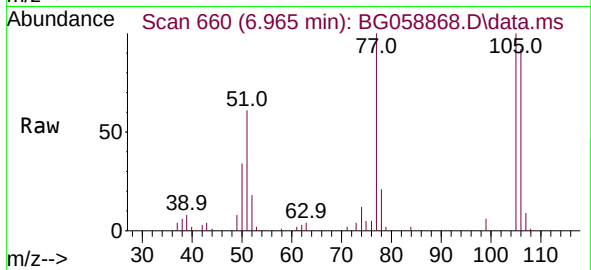




#9  
Benzaldehyde  
Concen: 25.297 ng  
RT: 6.965 min Scan# 60  
Delta R.T. -0.004 min  
Lab File: BG058868.D  
Acq: 28 Aug 2023 11:11

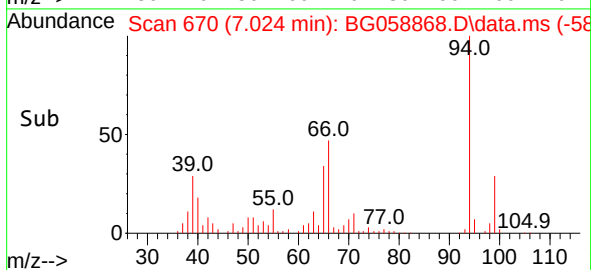
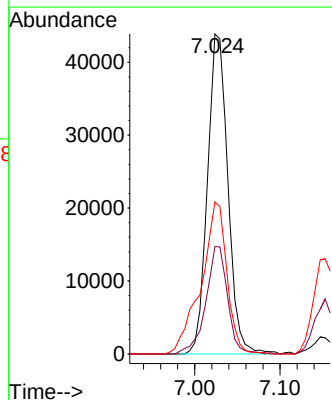
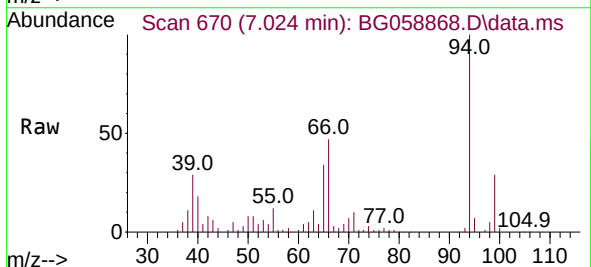
Instrument :  
BNA\_G  
ClientSampleId :  
PB155117BS

Tgt Ion: 77 Resp: 20677  
Ion Ratio Lower Upper  
77 100  
105 99.9 76.7 116.7  
106 91.6 73.4 113.4

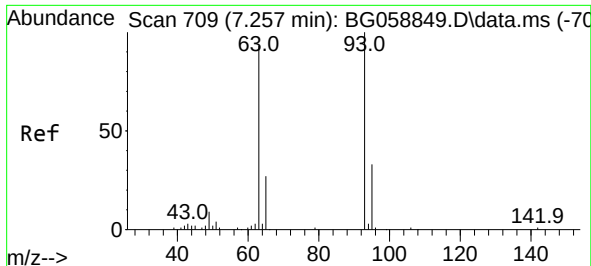


#10  
Phenol  
Concen: 51.963 ng  
RT: 7.024 min Scan# 670  
Delta R.T. -0.010 min  
Lab File: BG058868.D  
Acq: 28 Aug 2023 11:11

Tgt Ion: 94 Resp: 73015  
Ion Ratio Lower Upper  
94 100  
65 33.5 12.6 52.6  
66 47.5 26.6 66.6



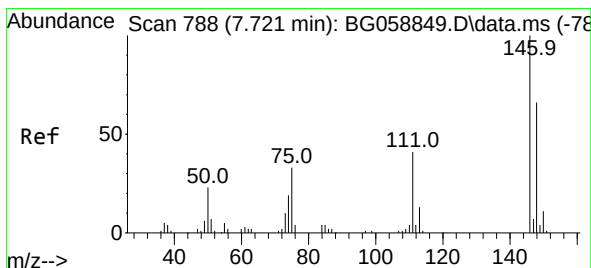
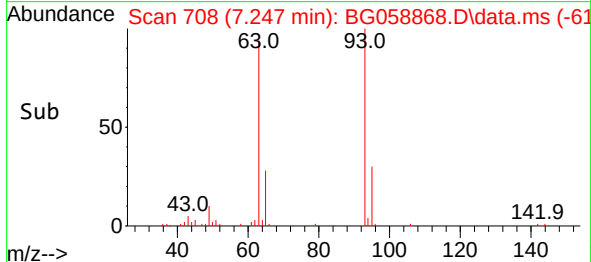
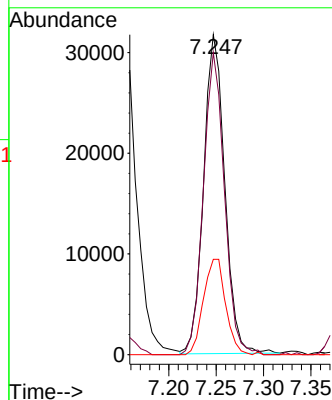
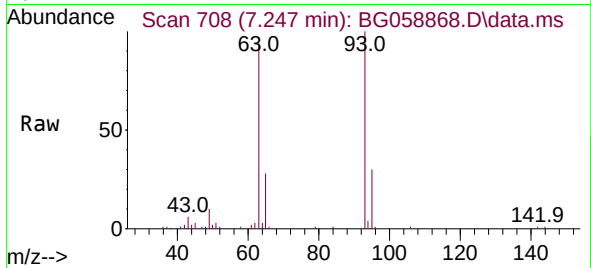




#11  
bis(2-Chloroethyl)ether  
Concen: 44.897 ng  
RT: 7.247 min Scan# 709  
Delta R.T. -0.010 min  
Lab File: BG058868.D  
Acq: 28 Aug 2023 11:11

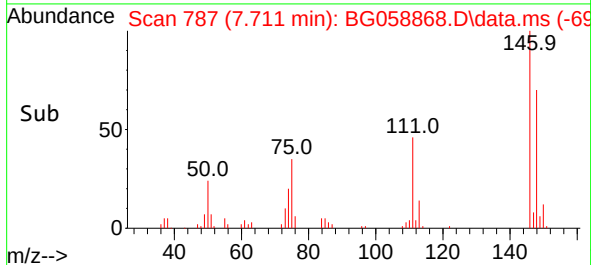
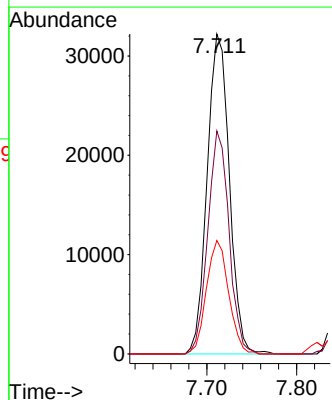
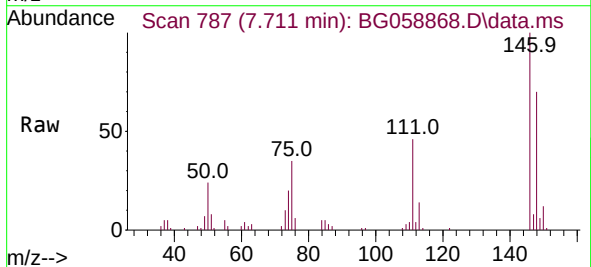
Instrument :  
BNA\_G  
ClientSampleId :  
PB155117BS

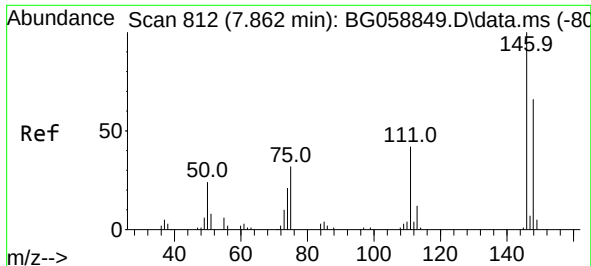
Tgt Ion: 93 Resp: 49226  
Ion Ratio Lower Upper  
93 100  
63 94.4 74.8 114.8  
95 29.8 12.1 52.1



#12  
1,3-Dichlorobenzene  
Concen: 49.626 ng  
RT: 7.711 min Scan# 787  
Delta R.T. -0.010 min  
Lab File: BG058868.D  
Acq: 28 Aug 2023 11:11

Tgt Ion:146 Resp: 55356  
Ion Ratio Lower Upper  
146 100  
148 69.7 52.4 78.6  
75 35.4 27.6 41.4





#13

1,4-Dichlorobenzene

Concen: 50.054 ng

RT: 7.858 min Scan# 812

Delta R.T. -0.004 min

Lab File: BG058868.D

Acq: 28 Aug 2023 11:11

Instrument :

BNA\_G

ClientSampleId :

PB155117BS

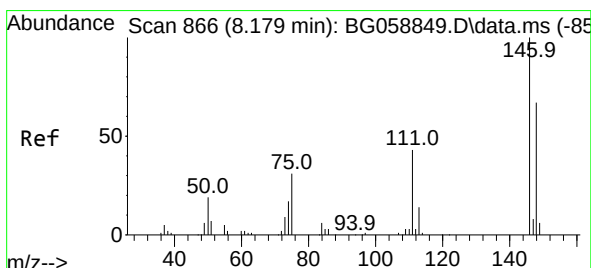
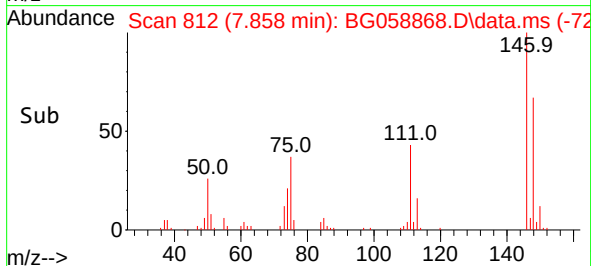
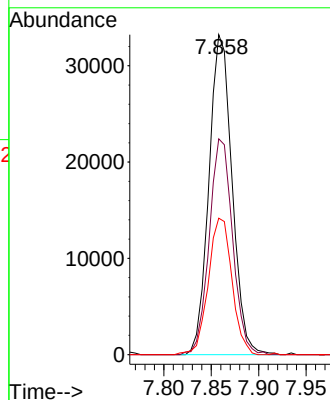
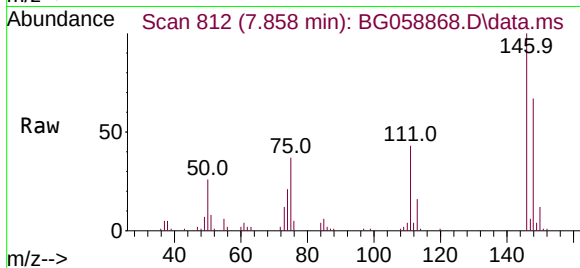
Tgt Ion:146 Resp: 56460

Ion Ratio Lower Upper

146 100

148 67.4 51.3 76.9

111 42.7 33.8 50.8



#14

1,2-Dichlorobenzene

Concen: 50.180 ng

RT: 8.175 min Scan# 866

Delta R.T. -0.004 min

Lab File: BG058868.D

Acq: 28 Aug 2023 11:11

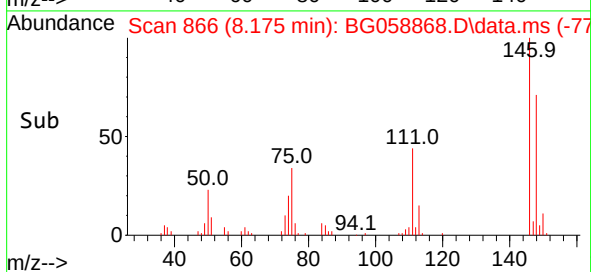
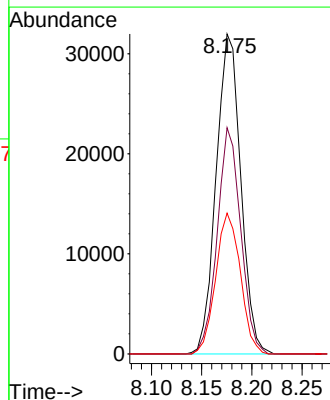
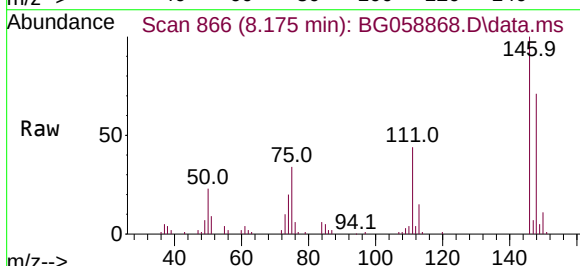
Tgt Ion:146 Resp: 54708

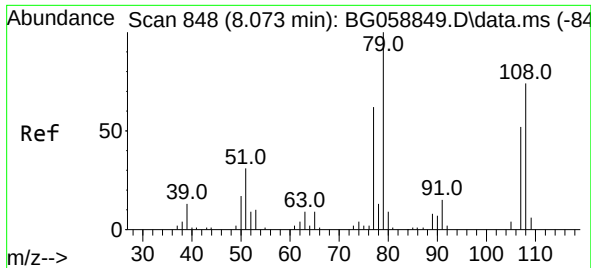
Ion Ratio Lower Upper

146 100

148 70.7 52.9 79.3

111 44.0 35.5 53.3

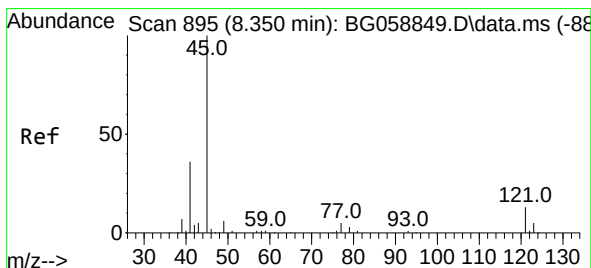
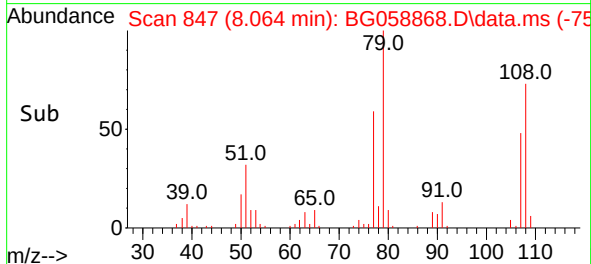
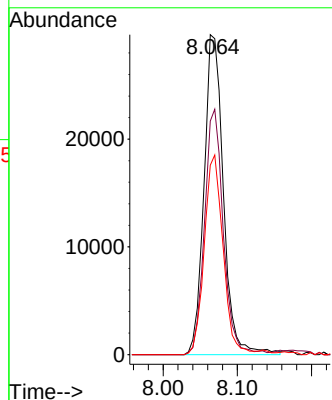
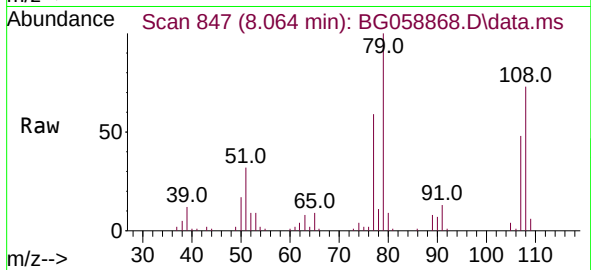




#15  
Benzyl Alcohol  
Concen: 51.757 ng  
RT: 8.064 min Scan# 84  
Delta R.T. -0.010 min  
Lab File: BG058868.D  
Acq: 28 Aug 2023 11:11

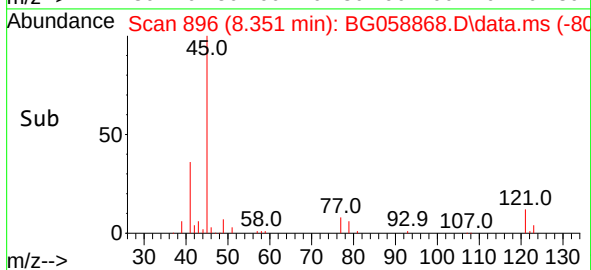
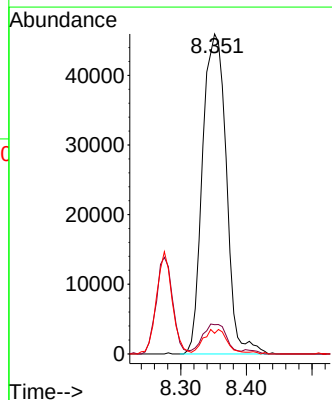
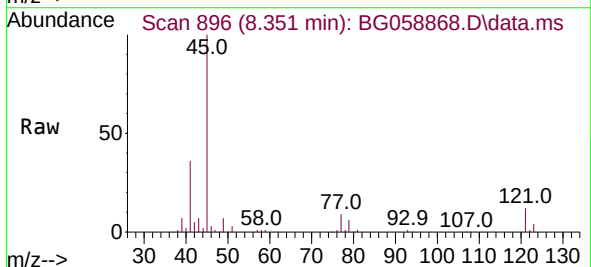
Instrument :  
BNA\_G  
ClientSampleId :  
PB155117BS

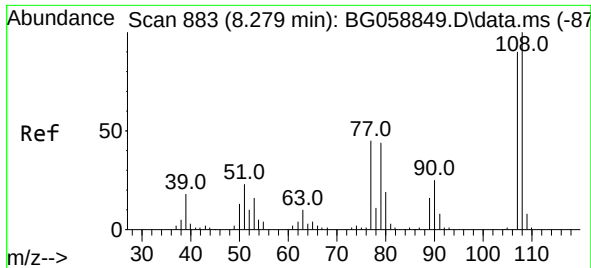
Tgt Ion: 79 Resp: 53923  
Ion Ratio Lower Upper  
79 100  
108 73.0 63.4 95.0  
77 59.2 52.2 78.2



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 49.369 ng  
RT: 8.351 min Scan# 896  
Delta R.T. 0.002 min  
Lab File: BG058868.D  
Acq: 28 Aug 2023 11:11

Tgt Ion: 45 Resp: 115357  
Ion Ratio Lower Upper  
45 100  
77 9.1 0.0 30.3  
79 6.4 0.0 27.7

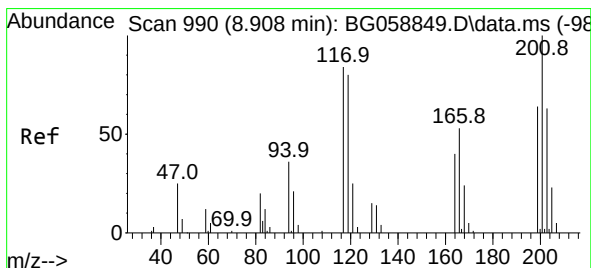
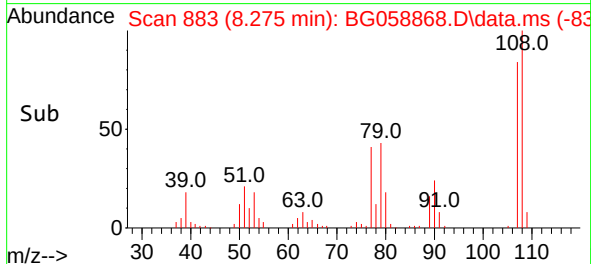
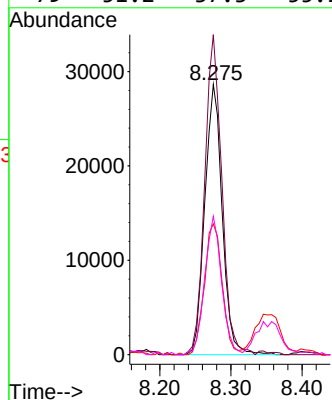
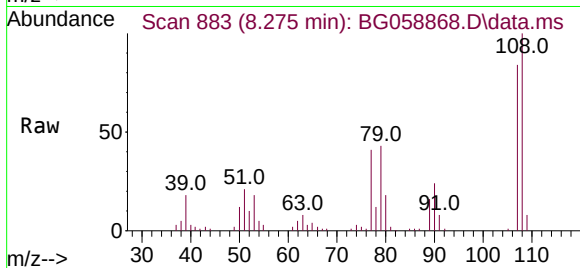




#17  
2-Methylphenol  
Concen: 47.211 ng  
RT: 8.275 min Scan# 883  
Delta R.T. -0.004 min  
Lab File: BG058868.D  
Acq: 28 Aug 2023 11:11

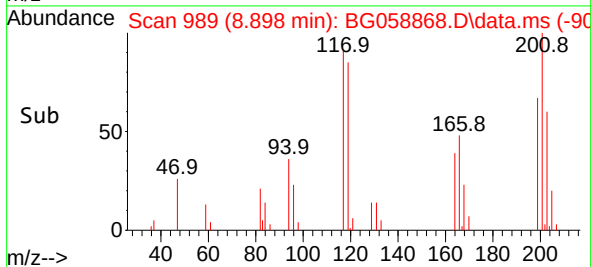
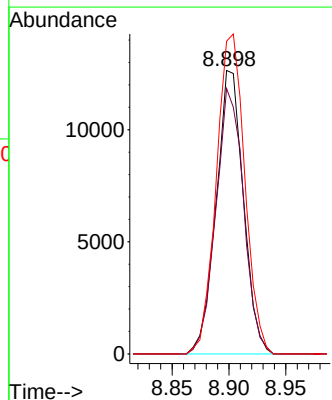
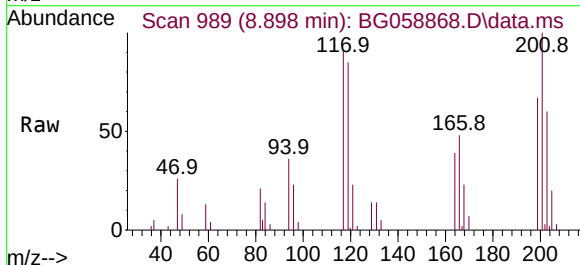
Instrument :  
BNA\_G  
ClientSampleId :  
PB155117BS

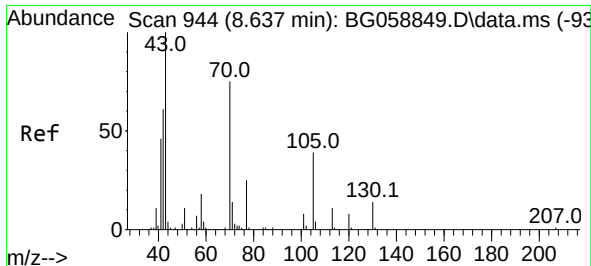
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 107   | Resp: | 48723 |
| Ion      | Ratio | Lower | Upper |
| 107      | 100   |       |       |
| 108      | 118.4 | 92.2  | 138.2 |
| 77       | 48.4  | 40.0  | 60.0  |
| 79       | 51.2  | 37.3  | 55.9  |



#18  
Hexachloroethane  
Concen: 51.309 ng  
RT: 8.898 min Scan# 989  
Delta R.T. -0.010 min  
Lab File: BG058868.D  
Acq: 28 Aug 2023 11:11

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 21087 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 93.6  | 76.6  | 115.0 |
| 201      | 110.3 | 97.0  | 145.6 |

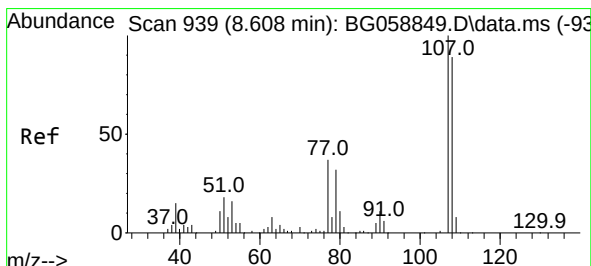
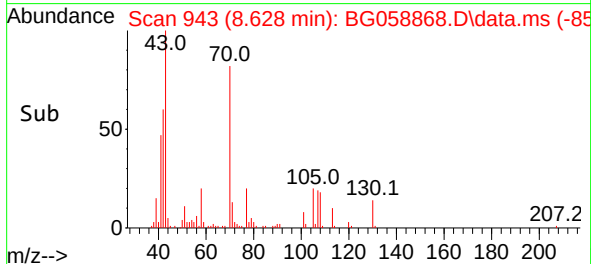
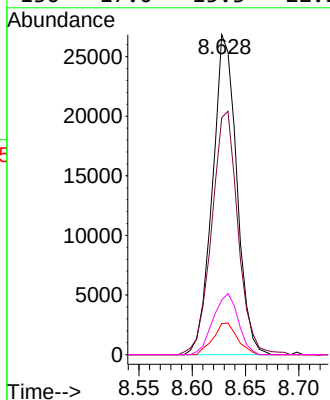
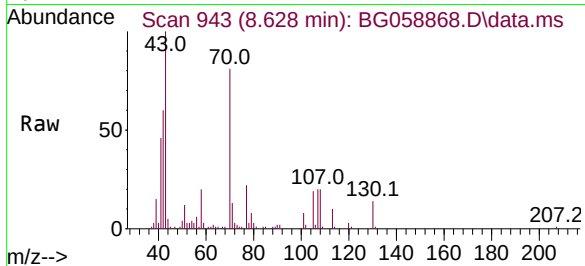




#19  
n-Nitroso-di-n-propylamine  
Concen: 45.214 ng  
RT: 8.628 min Scan# 944  
Delta R.T. -0.010 min  
Lab File: BG058868.D  
Acq: 28 Aug 2023 11:11

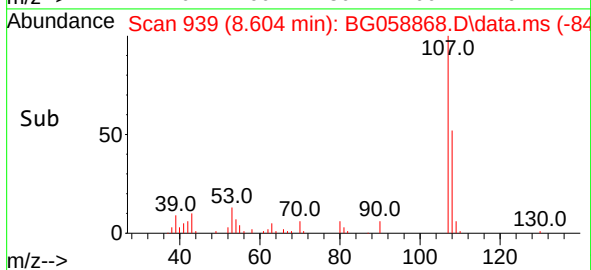
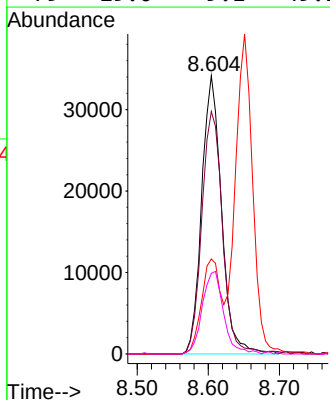
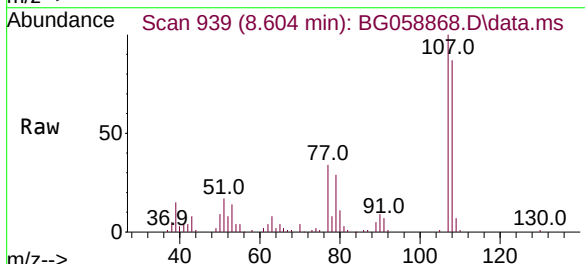
Instrument :  
BNA\_G  
ClientSampleId :  
PB155117BS

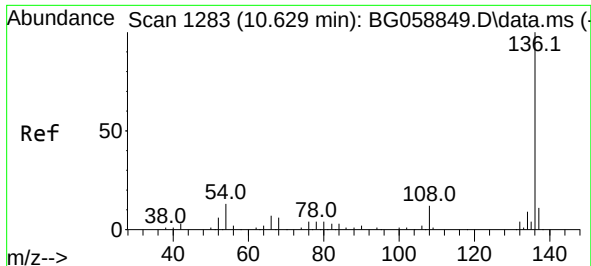
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 70    | Resp: | 42589 |
| Ion      | Ratio | Lower | Upper |
| 70       | 100   |       |       |
| 42       | 74.0  | 59.2  | 88.8  |
| 101      | 9.7   | 8.2   | 12.2  |
| 130      | 17.0  | 15.3  | 22.9  |



#20  
3+4-Methylphenols  
Concen: 47.516 ng  
RT: 8.604 min Scan# 939  
Delta R.T. -0.004 min  
Lab File: BG058868.D  
Acq: 28 Aug 2023 11:11

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 107   | Resp: | 65928 |
| Ion      | Ratio | Lower | Upper |
| 107      | 100   |       |       |
| 108      | 87.1  | 70.6  | 110.6 |
| 77       | 34.1  | 14.8  | 54.8  |
| 79       | 29.0  | 9.1   | 49.1  |

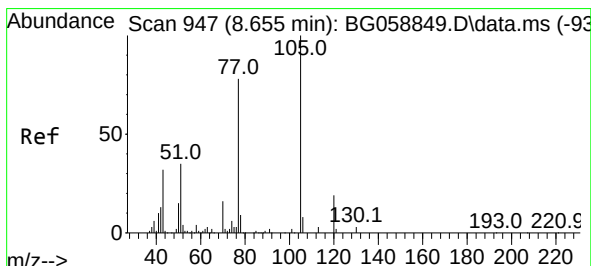
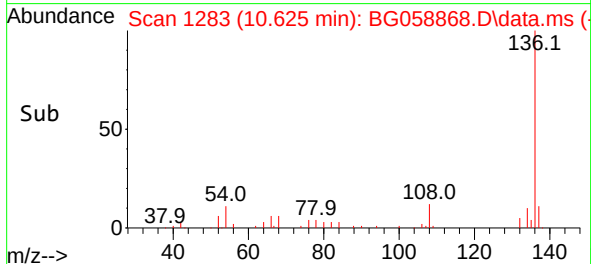
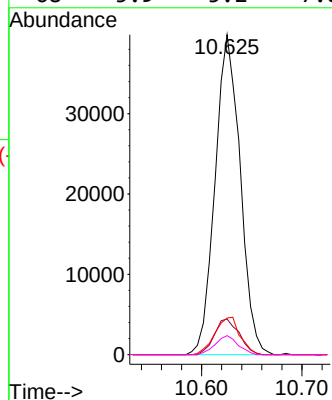
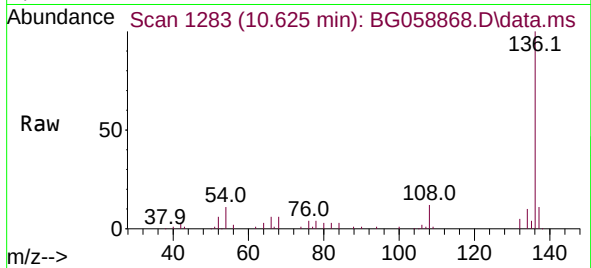




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.625 min Scan# 1283  
Delta R.T. -0.004 min  
Lab File: BG058868.D  
Acq: 28 Aug 2023 11:11

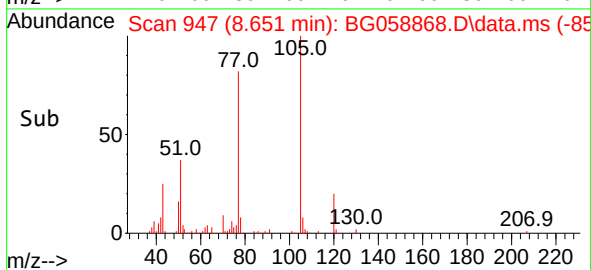
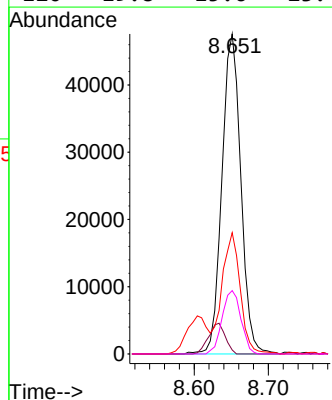
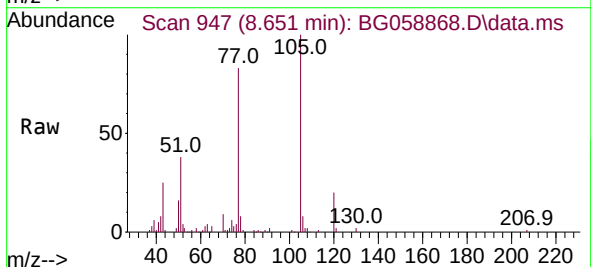
Instrument :  
BNA\_G  
ClientSampleId :  
PB155117BS

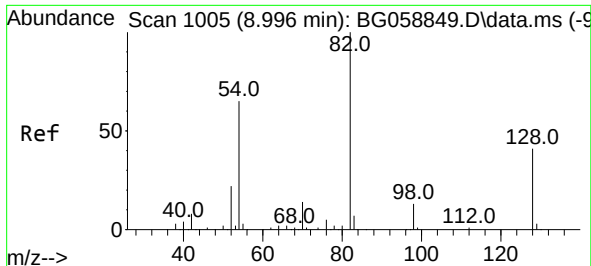
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 136   | Resp: | 69301 |
| Ion Ratio | Lower | Upper |       |
| 136       | 100   |       |       |
| 137       | 11.1  | 8.7   | 13.1  |
| 54        | 11.4  | 10.1  | 15.1  |
| 68        | 5.9   | 5.2   | 7.8   |



#22  
Acetophenone  
Concen: 44.943 ng  
RT: 8.651 min Scan# 947  
Delta R.T. -0.004 min  
Lab File: BG058868.D  
Acq: 28 Aug 2023 11:11

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 105   | Resp: | 84311 |
| Ion Ratio | Lower | Upper |       |
| 105       | 100   |       |       |
| 71        | 1.2   | 2.2   | 3.2   |
| 51        | 37.9  | 28.5  | 42.7  |
| 120       | 19.8  | 15.6  | 23.4  |





#23  
Nitrobenzene-d5  
Concen: 87.060 ng  
RT: 8.992 min Scan# 10  
Delta R.T. -0.004 min  
Lab File: BG058868.D  
Acq: 28 Aug 2023 11:11

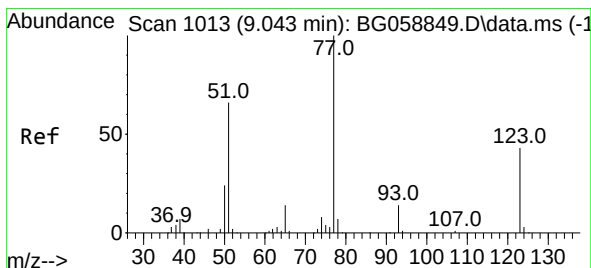
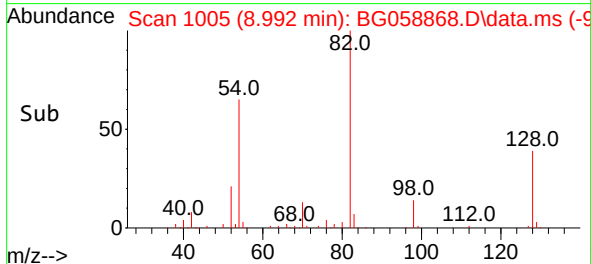
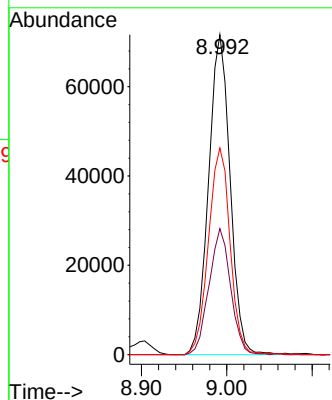
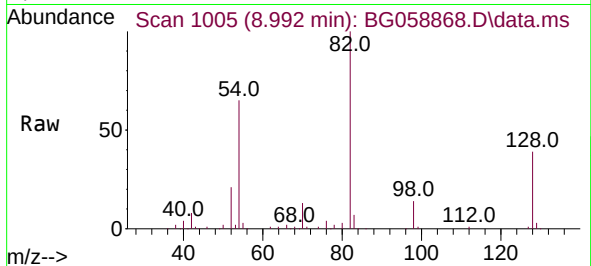
Instrument :

BNA\_G

ClientSampleId :

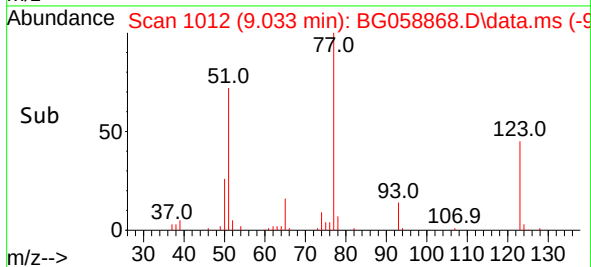
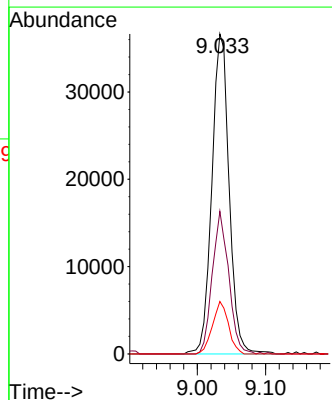
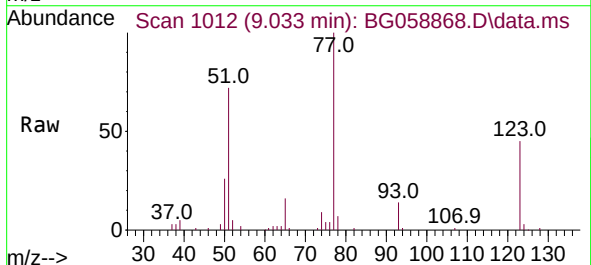
PB155117BS

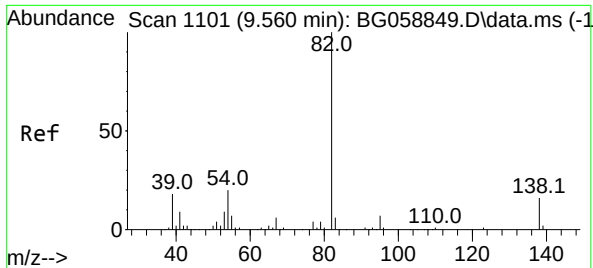
Tgt Ion: 82 Resp: 125492  
Ion Ratio Lower Upper  
82 100  
128 39.4 33.2 49.8  
54 64.6 51.2 76.8



#24  
Nitrobenzene  
Concen: 44.704 ng  
RT: 9.033 min Scan# 1012  
Delta R.T. -0.010 min  
Lab File: BG058868.D  
Acq: 28 Aug 2023 11:11

Tgt Ion: 77 Resp: 64090  
Ion Ratio Lower Upper  
77 100  
123 44.5 34.9 52.3  
65 16.4 10.9 16.3#

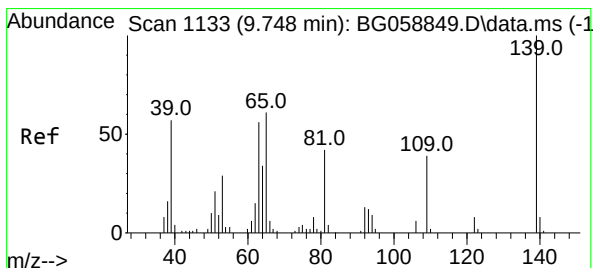
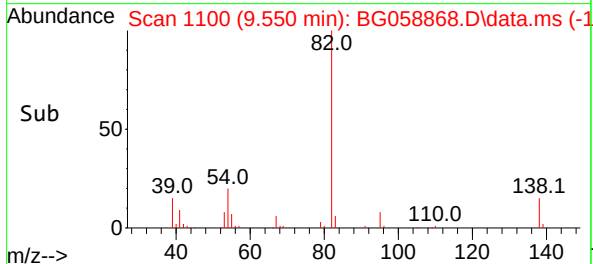
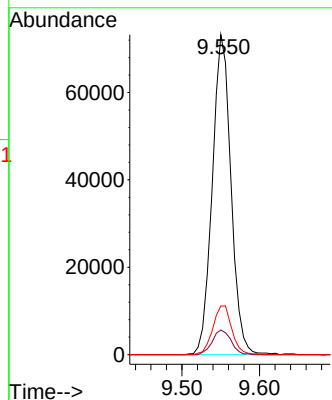
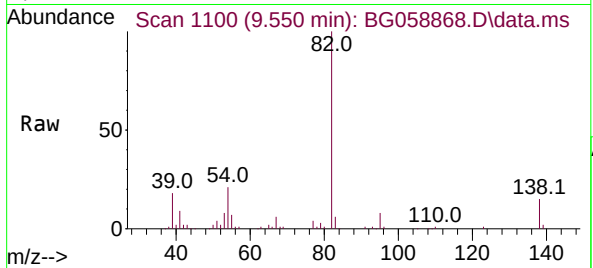




#25  
Isophorone  
Concen: 42.689 ng  
RT: 9.550 min Scan# 1101  
Delta R.T. -0.010 min  
Lab File: BG058868.D  
Acq: 28 Aug 2023 11:11

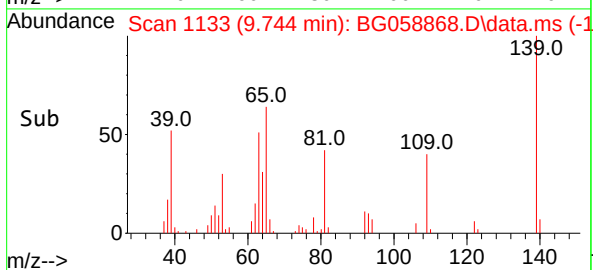
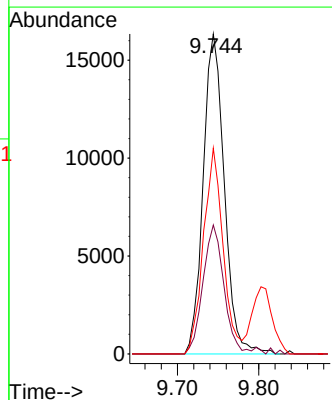
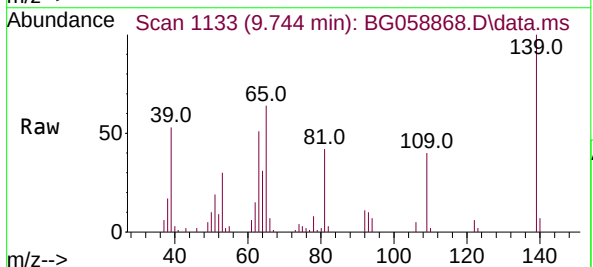
Instrument :  
BNA\_G  
ClientSampleId :  
PB155117BS

Tgt Ion: 82 Resp: 122370  
Ion Ratio Lower Upper  
82 100  
95 7.7 6.1 9.1  
138 15.2 12.2 18.4

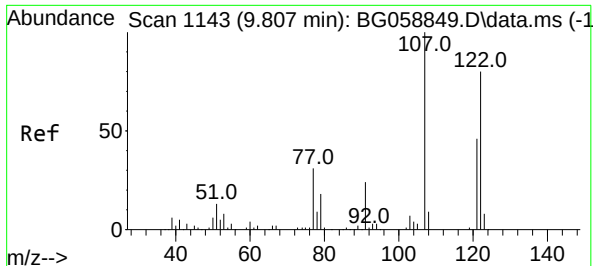


#26  
2-Nitrophenol  
Concen: 49.287 ng  
RT: 9.744 min Scan# 1133  
Delta R.T. -0.004 min  
Lab File: BG058868.D  
Acq: 28 Aug 2023 11:11

Tgt Ion: 139 Resp: 29552  
Ion Ratio Lower Upper  
139 100  
109 40.3 28.7 43.1  
65 64.3 50.6 76.0







#27  
2,4-Dimethylphenol  
Concen: 48.155 ng  
RT: 9.803 min Scan# 1143  
Delta R.T. -0.004 min  
Lab File: BG058868.D  
Acq: 28 Aug 2023 11:11

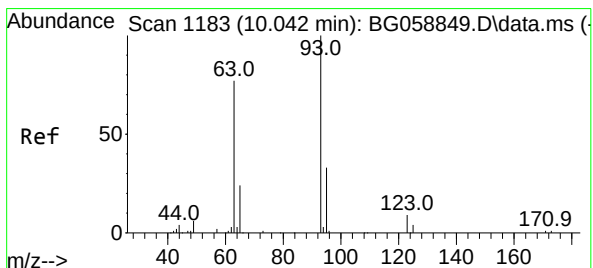
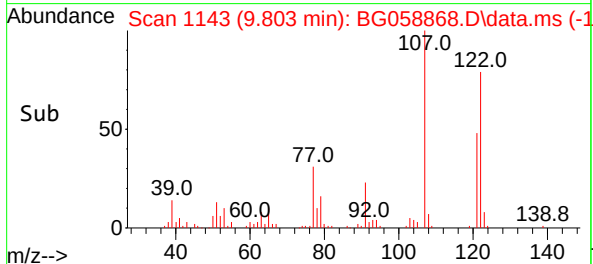
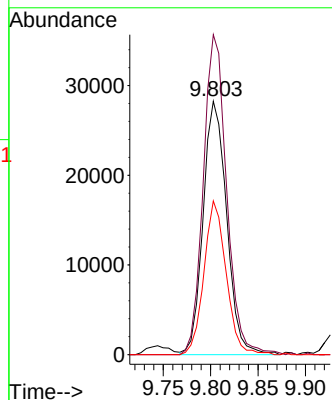
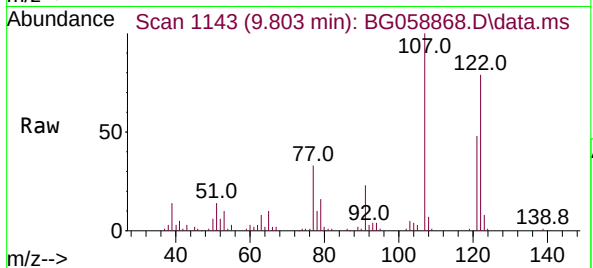
Instrument :

BNA\_G

ClientSampleId :

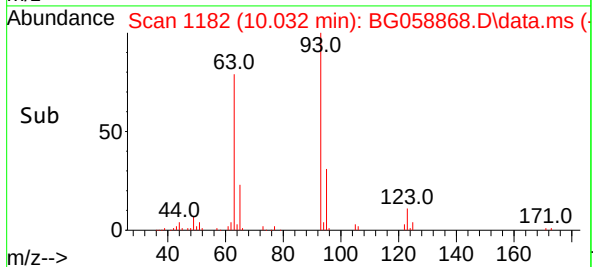
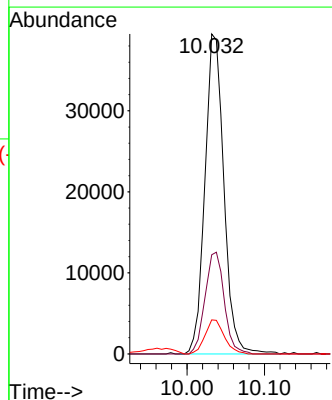
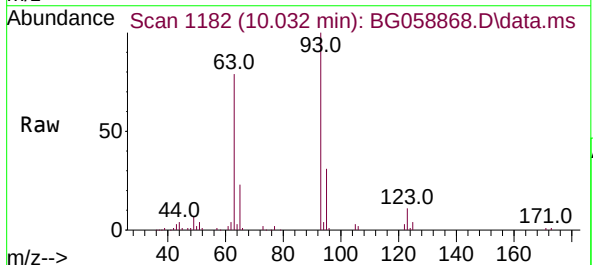
PB155117BS

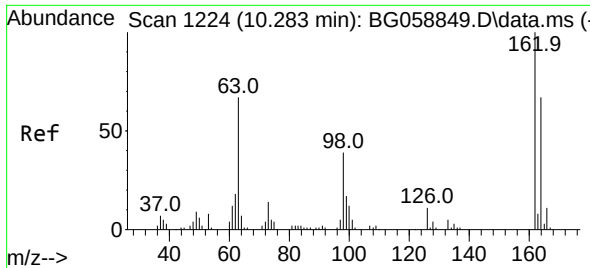
Tgt Ion:122 Resp: 48934  
Ion Ratio Lower Upper  
122 100  
107 126.3 102.6 154.0  
121 60.7 45.0 67.4



#28  
bis(2-Chloroethoxy)methane  
Concen: 44.120 ng  
RT: 10.032 min Scan# 1182  
Delta R.T. -0.010 min  
Lab File: BG058868.D  
Acq: 28 Aug 2023 11:11

Tgt Ion: 93 Resp: 66992  
Ion Ratio Lower Upper  
93 100  
95 31.0 26.2 39.4  
123 10.6 8.1 12.1





#29

2,4-Dichlorophenol

Concen: 52.244 ng

RT: 10.285 min Scan# 1225

Delta R.T. 0.002 min

Lab File: BG058868.D

Acq: 28 Aug 2023 11:11

Instrument :

BNA\_G

ClientSampleId :

PB155117BS

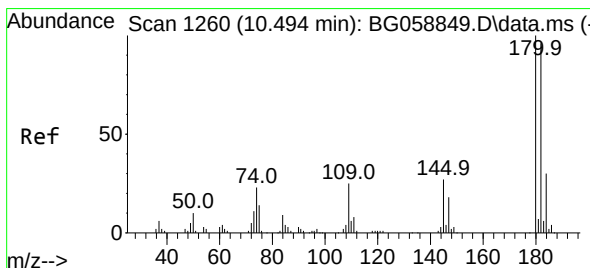
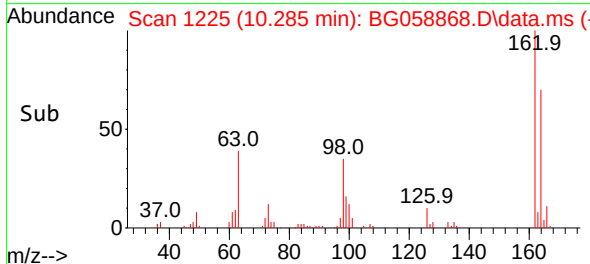
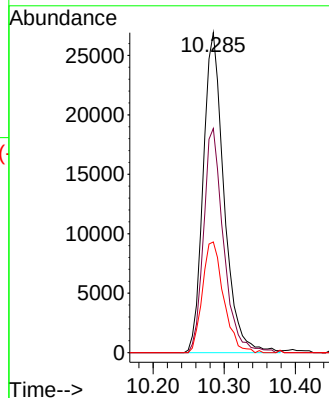
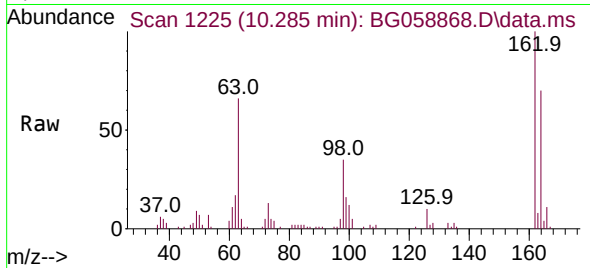
Tgt Ion:162 Resp: 54554

Ion Ratio Lower Upper

162 100

164 70.0 44.4 84.4

98 34.6 16.1 56.1



#30

1,2,4-Trichlorobenzene

Concen: 47.409 ng

RT: 10.490 min Scan# 1260

Delta R.T. -0.004 min

Lab File: BG058868.D

Acq: 28 Aug 2023 11:11

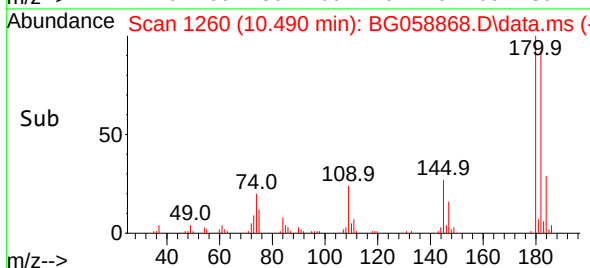
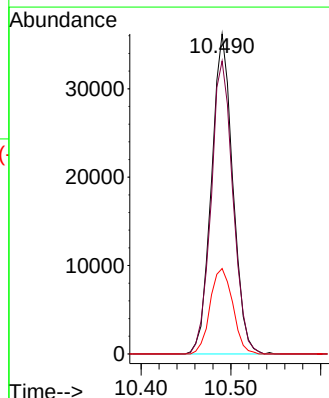
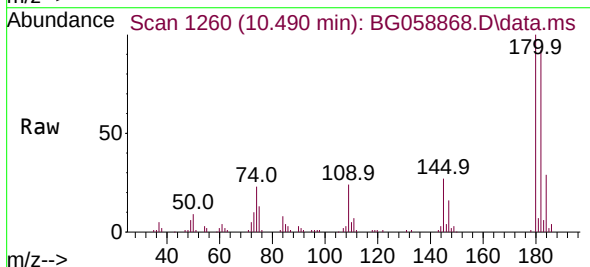
Tgt Ion:180 Resp: 59780

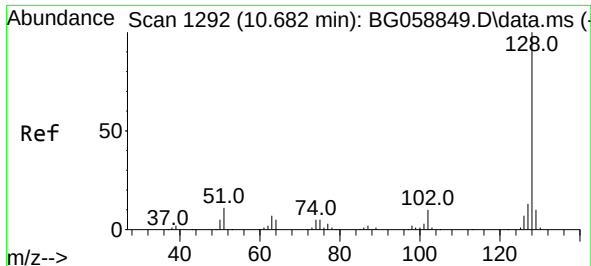
Ion Ratio Lower Upper

180 100

182 91.5 74.6 112.0

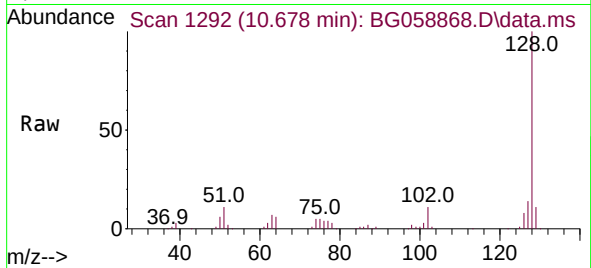
145 26.7 21.4 32.0



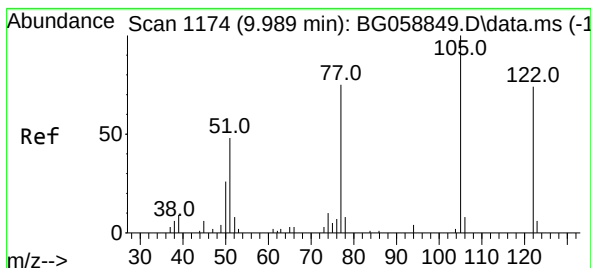
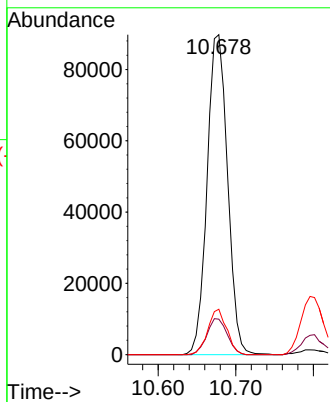
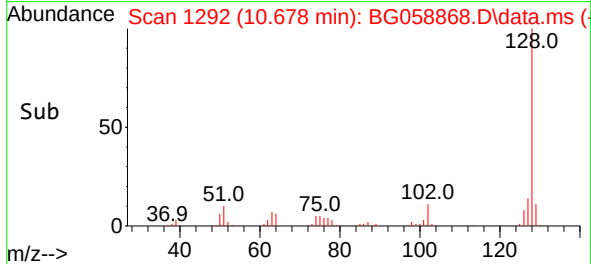


#31  
Naphthalene  
Concen: 45.154 ng  
RT: 10.678 min Scan# 1172  
Delta R.T. -0.004 min  
Lab File: BG058868.D  
Acq: 28 Aug 2023 11:11

Instrument :  
BNA\_G  
ClientSampleId :  
PB155117BS

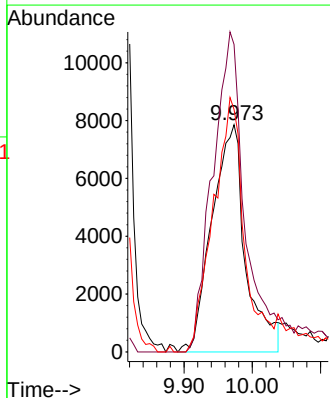
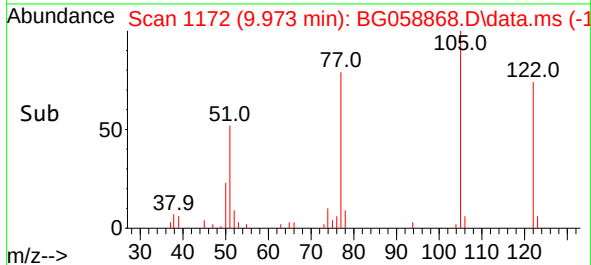
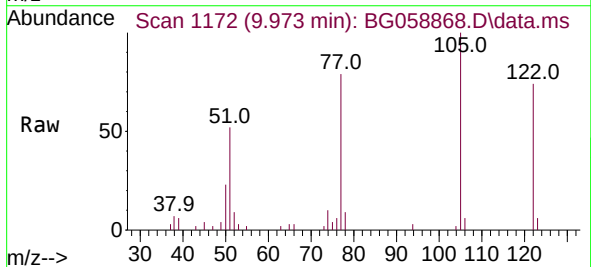


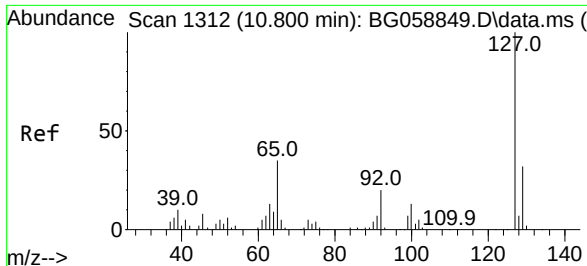
Tgt Ion:128 Resp: 164304  
Ion Ratio Lower Upper  
128 100  
129 11.1 8.9 13.3  
127 14.2 10.6 15.8



#32  
Benzoic acid  
Concen: 43.751 ng  
RT: 9.973 min Scan# 1172  
Delta R.T. -0.016 min  
Lab File: BG058868.D  
Acq: 28 Aug 2023 11:11

Tgt Ion:122 Resp: 26888  
Ion Ratio Lower Upper  
122 100  
105 135.3 113.6 153.6  
77 106.7 79.7 119.7

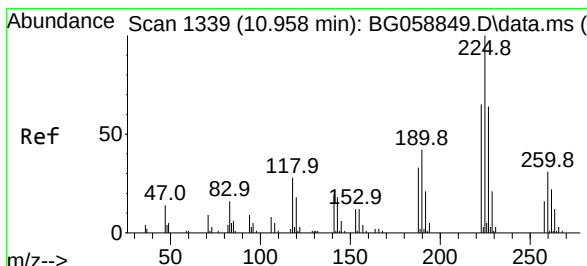
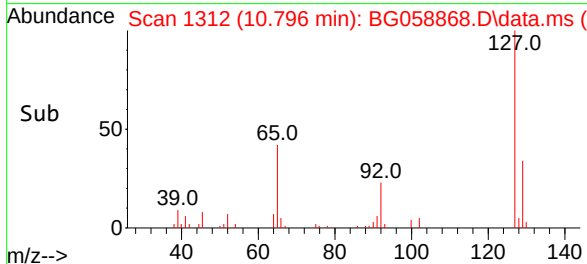
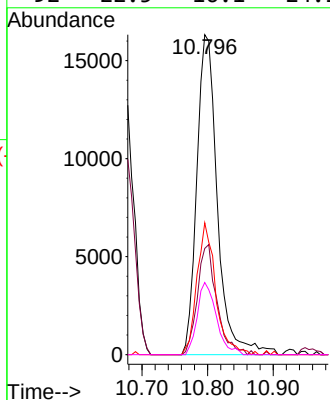
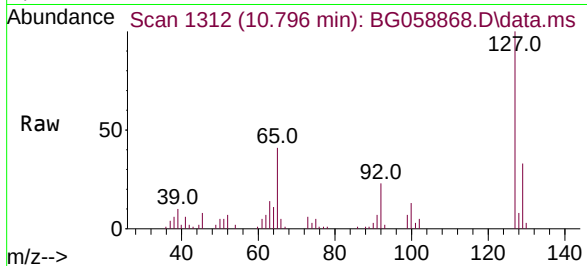




#33  
4-Chloroaniline  
Concen: 23.124 ng  
RT: 10.796 min Scan# 1312  
Delta R.T. -0.004 min  
Lab File: BG058868.D  
Acq: 28 Aug 2023 11:11

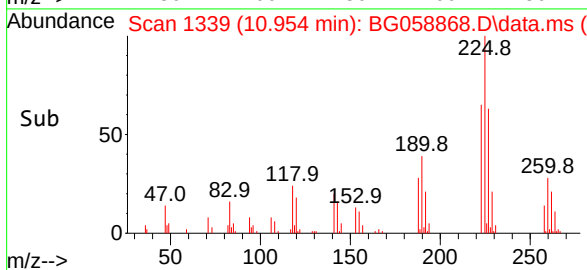
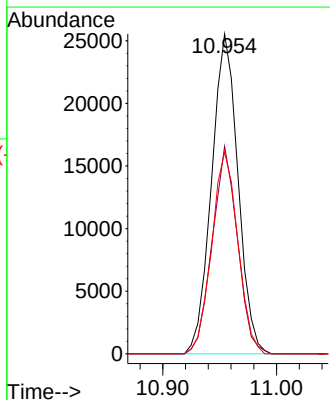
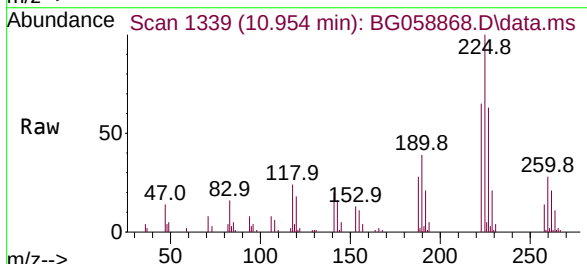
Instrument :  
BNA\_G  
ClientSampleId :  
PB155117BS

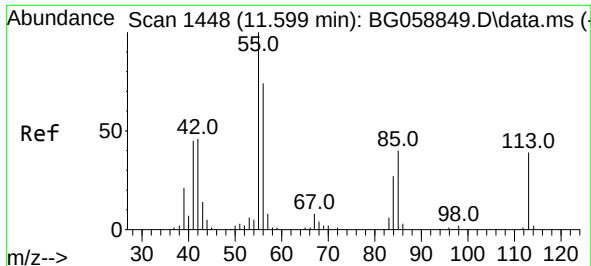
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 127   | Resp: | 35486 |
| Ion Ratio | Lower | Upper |       |
| 127       | 100   |       |       |
| 129       | 33.2  | 25.2  | 37.8  |
| 65        | 41.2  | 30.5  | 45.7  |
| 92        | 22.5  | 16.1  | 24.1  |



#34  
Hexachlorobutadiene  
Concen: 48.443 ng  
RT: 10.954 min Scan# 1339  
Delta R.T. -0.004 min  
Lab File: BG058868.D  
Acq: 28 Aug 2023 11:11

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 225   | Resp: | 41226 |
| Ion Ratio | Lower | Upper |       |
| 225       | 100   |       |       |
| 223       | 64.9  | 49.9  | 74.9  |
| 227       | 63.1  | 51.6  | 77.4  |

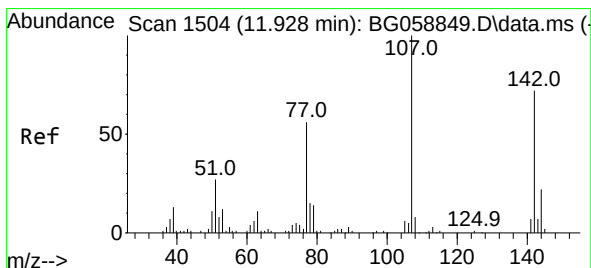
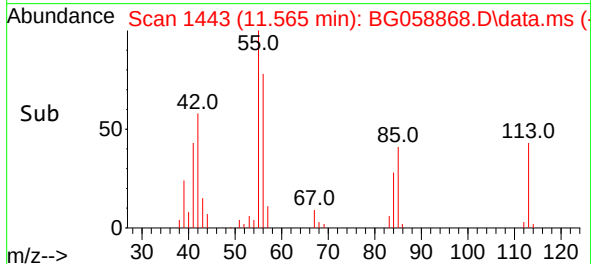
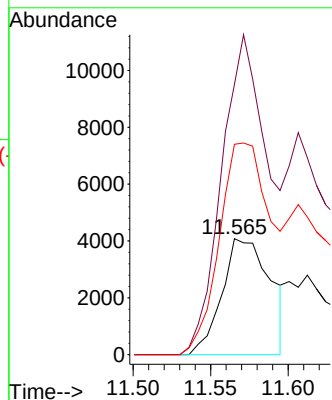
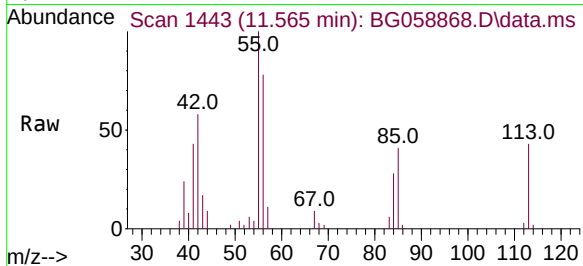




#35  
Caprolactam  
Concen: 23.615 ng  
RT: 11.565 min Scan# 14  
Delta R.T. -0.033 min  
Lab File: BG058868.D  
Acq: 28 Aug 2023 11:11

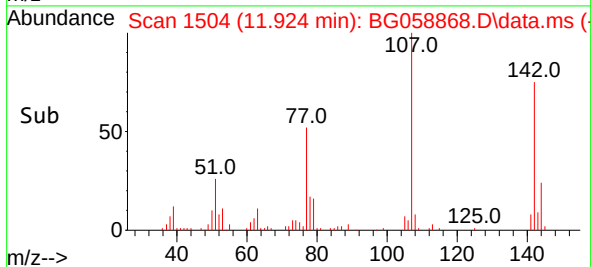
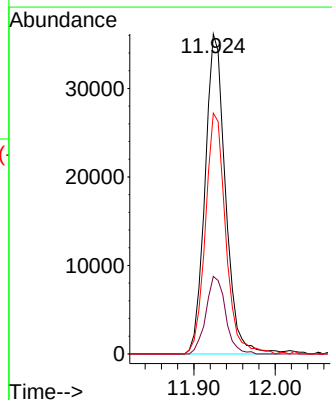
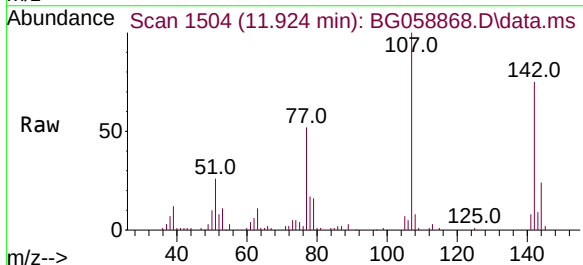
Instrument :  
BNA\_G  
ClientSampleId :  
PB155117BS

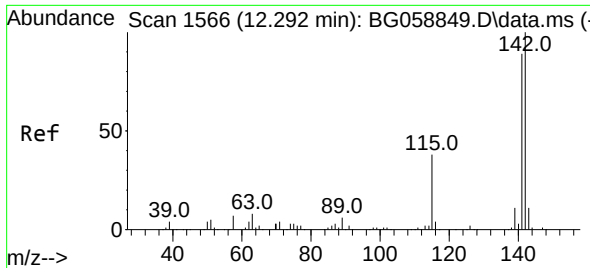
Tgt Ion:113 Resp: 8836  
Ion Ratio Lower Upper  
113 100  
55 233.3 256.3 296.3#  
56 181.5 180.4 220.4



#36  
4-Chloro-3-methylphenol  
Concen: 48.507 ng  
RT: 11.924 min Scan# 1504  
Delta R.T. -0.004 min  
Lab File: BG058868.D  
Acq: 28 Aug 2023 11:11

Tgt Ion:107 Resp: 62989  
Ion Ratio Lower Upper  
107 100  
144 24.2 17.9 26.9  
142 75.2 58.5 87.7

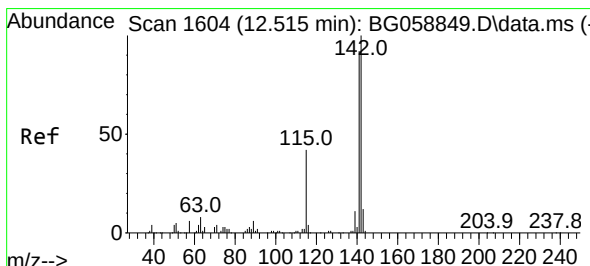
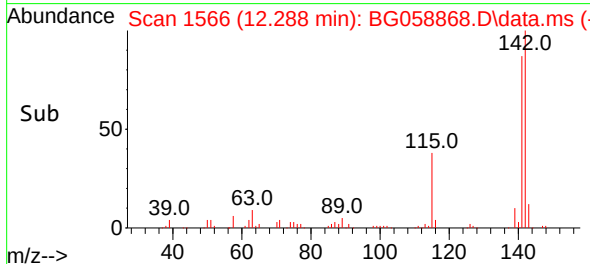
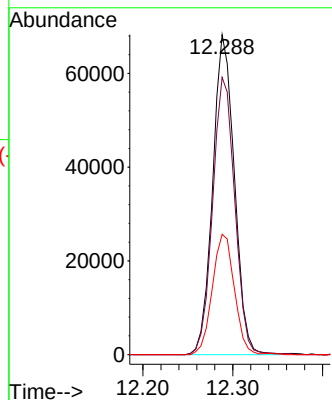
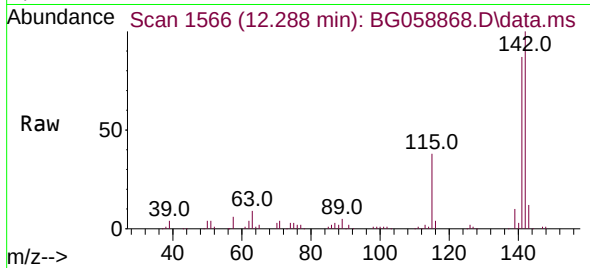




#37  
2-Methylnaphthalene  
Concen: 43.878 ng  
RT: 12.288 min Scan# 11  
Delta R.T. -0.004 min  
Lab File: BG058868.D  
Acq: 28 Aug 2023 11:11

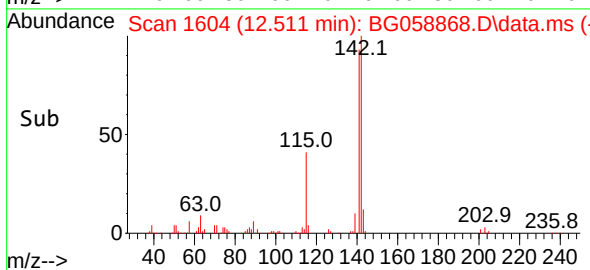
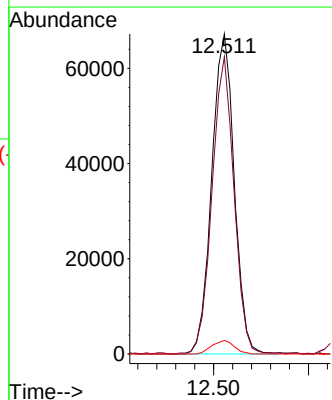
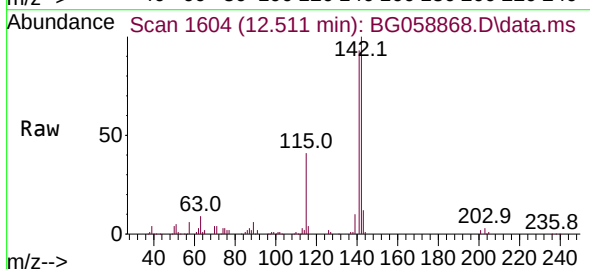
Instrument :  
BNA\_G  
ClientSampleId :  
PB155117BS

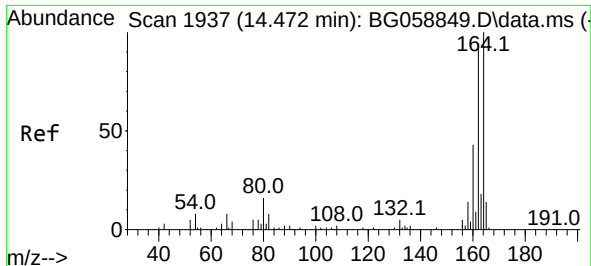
Tgt Ion:142 Resp: 114672  
Ion Ratio Lower Upper  
142 100  
141 86.6 71.8 107.8  
115 37.6 30.6 45.8



#38  
1-Methylnaphthalene  
Concen: 44.652 ng  
RT: 12.511 min Scan# 1604  
Delta R.T. -0.004 min  
Lab File: BG058868.D  
Acq: 28 Aug 2023 11:11

Tgt Ion:142 Resp: 110772  
Ion Ratio Lower Upper  
142 100  
141 92.8 73.9 110.9  
116 4.2 3.2 4.8

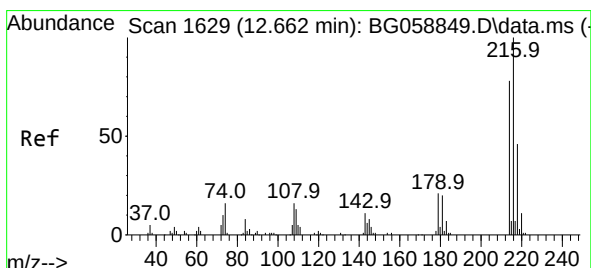
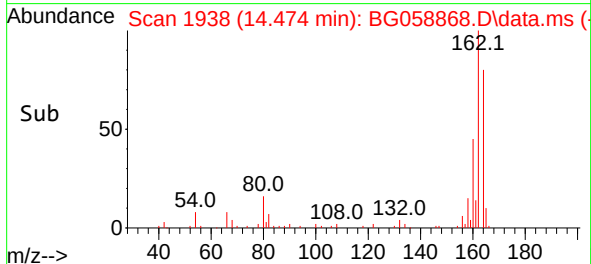
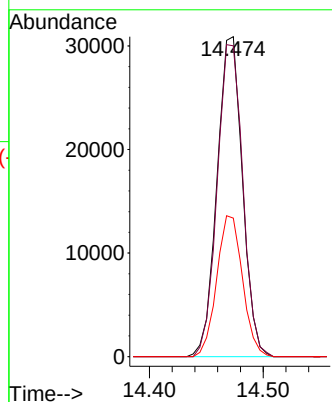
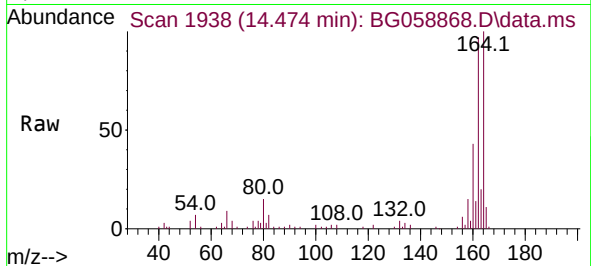




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.474 min Scan# 1937  
Delta R.T. 0.002 min  
Lab File: BG058868.D  
Acq: 28 Aug 2023 11:11

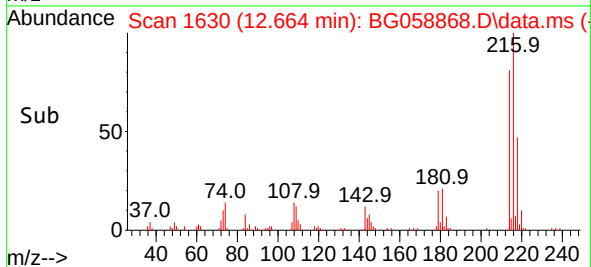
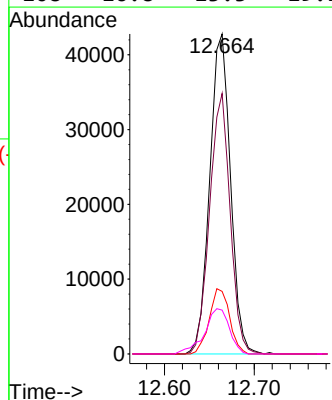
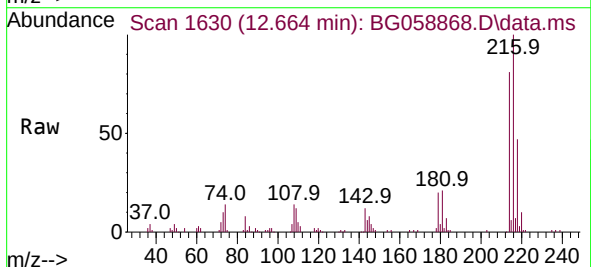
Instrument :  
BNA\_G  
ClientSampleId :  
PB155117BS

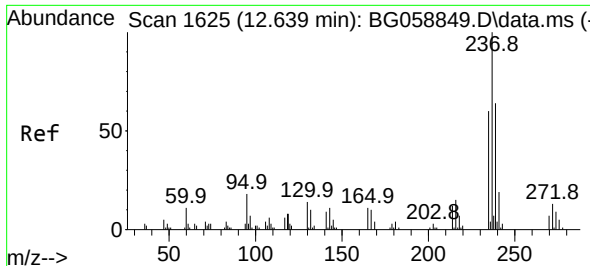
Tgt Ion:164 Resp: 47887  
Ion Ratio Lower Upper  
164 100  
162 97.1 79.6 119.4  
160 43.3 34.0 51.0



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 46.747 ng  
RT: 12.664 min Scan# 1630  
Delta R.T. 0.002 min  
Lab File: BG058868.D  
Acq: 28 Aug 2023 11:11

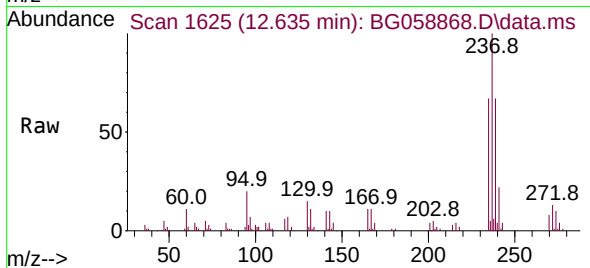
Tgt Ion:216 Resp: 69013  
Ion Ratio Lower Upper  
216 100  
214 80.2 64.0 96.0  
179 19.9 16.2 24.4  
108 16.8 13.3 19.9



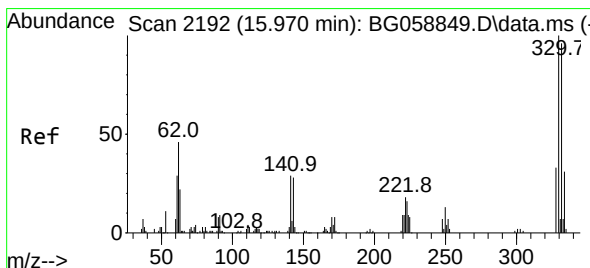
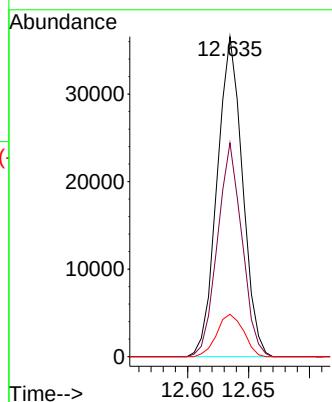
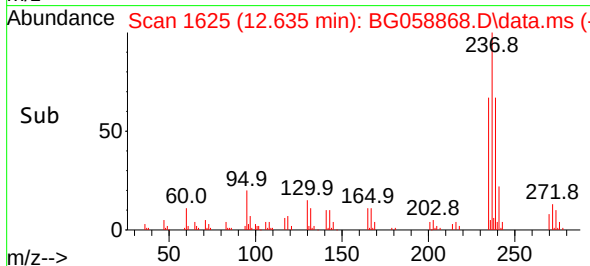


#41  
Hexachlorocyclopentadiene  
Concen: 89.934 ng  
RT: 12.635 min Scan# 1625  
Delta R.T. -0.004 min  
Lab File: BG058868.D  
Acq: 28 Aug 2023 11:11

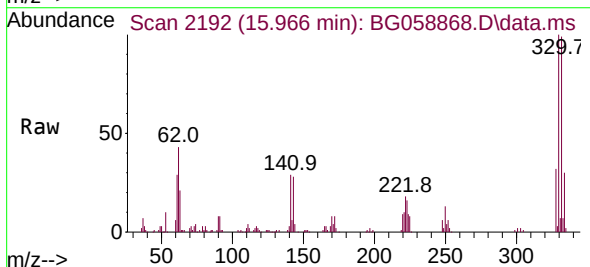
Instrument :  
BNA\_G  
ClientSampleId :  
PB155117BS



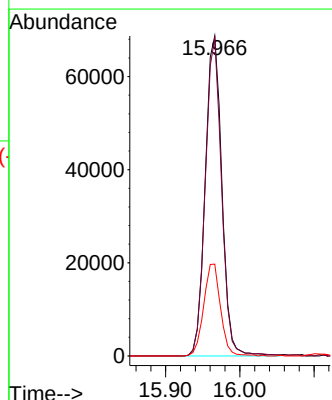
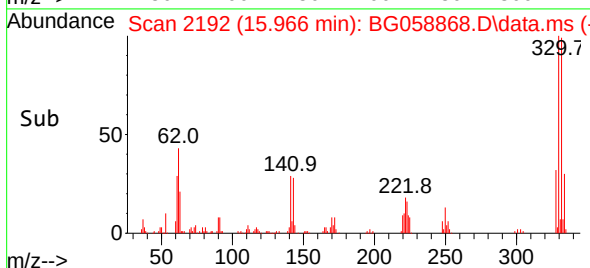
Tgt Ion:237 Resp: 52943  
Ion Ratio Lower Upper  
237 100  
235 66.8 41.5 81.5  
272 13.2 0.0 32.5



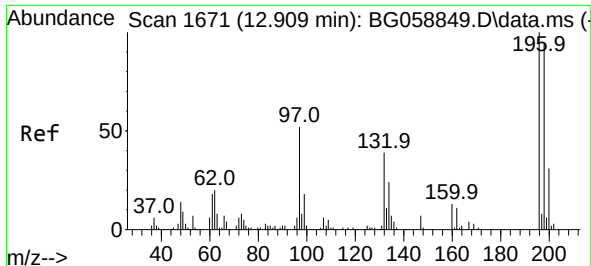
#42  
2,4,6-Tribromophenol  
Concen: 142.304 ng  
RT: 15.966 min Scan# 2192  
Delta R.T. -0.004 min  
Lab File: BG058868.D  
Acq: 28 Aug 2023 11:11



Tgt Ion:330 Resp: 106850  
Ion Ratio Lower Upper  
330 100  
332 97.4 78.5 117.7  
141 29.2 23.0 34.6



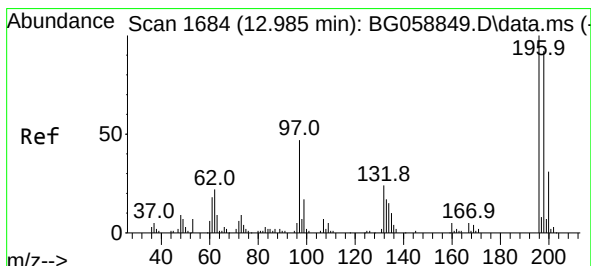
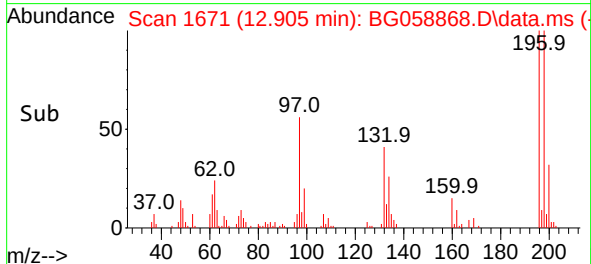
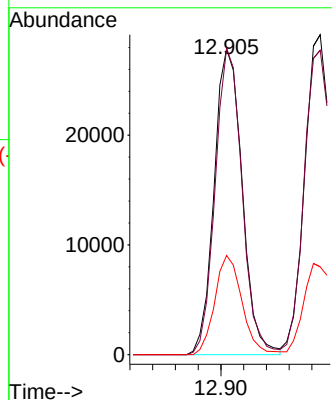
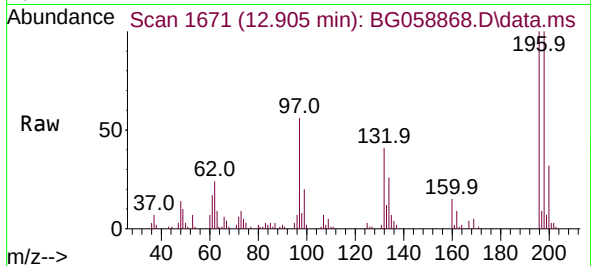




#43  
2,4,6-Trichlorophenol  
Concen: 50.733 ng  
RT: 12.905 min Scan# 1671  
Delta R.T. -0.004 min  
Lab File: BG058868.D  
Acq: 28 Aug 2023 11:11

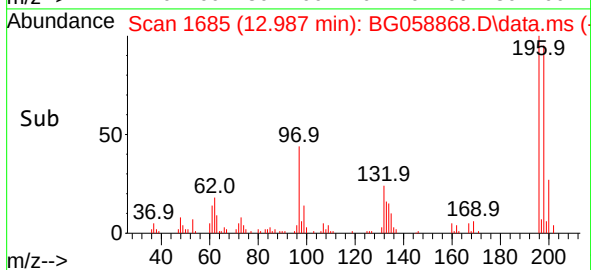
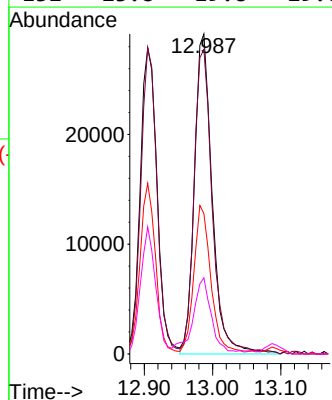
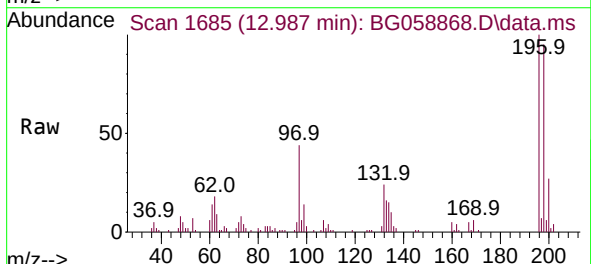
Instrument :  
BNA\_G  
ClientSampleId :  
PB155117BS

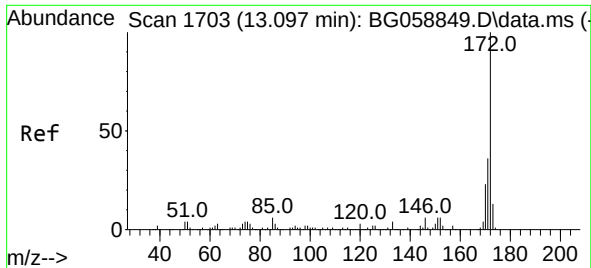
Tgt Ion:196 Resp: 47657  
Ion Ratio Lower Upper  
196 100  
198 100.3 77.0 115.4  
200 32.4 23.8 35.6



#44  
2,4,5-Trichlorophenol  
Concen: 47.243 ng  
RT: 12.987 min Scan# 1685  
Delta R.T. 0.002 min  
Lab File: BG058868.D  
Acq: 28 Aug 2023 11:11

Tgt Ion:196 Resp: 53143  
Ion Ratio Lower Upper  
196 100  
198 95.1 78.0 117.0  
97 43.9 38.7 58.1  
132 23.8 19.8 29.6

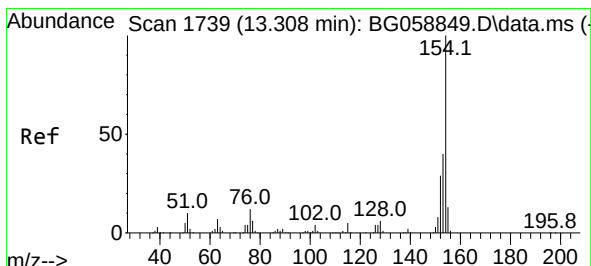
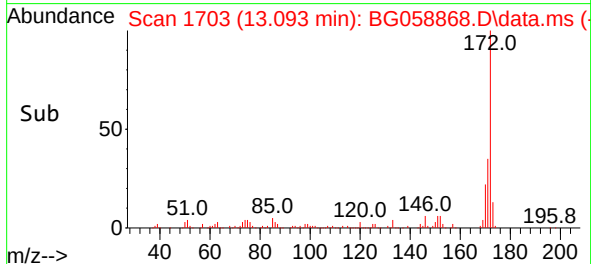
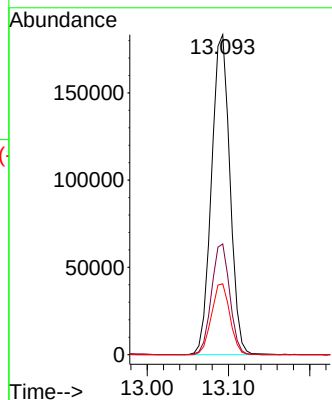
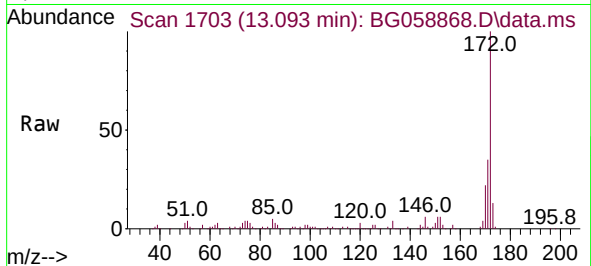




#45  
2-Fluorobiphenyl  
Concen: 87.659 ng  
RT: 13.093 min Scan# 1703  
Delta R.T. -0.004 min  
Lab File: BG058868.D  
Acq: 28 Aug 2023 11:11

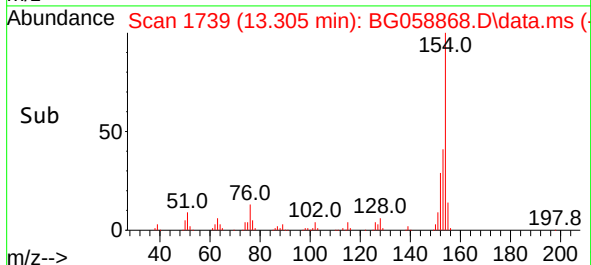
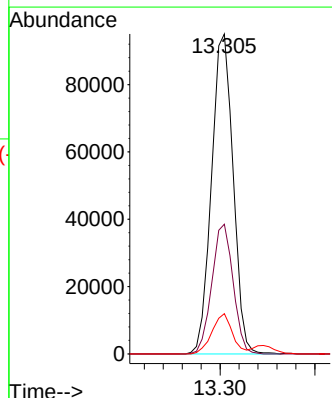
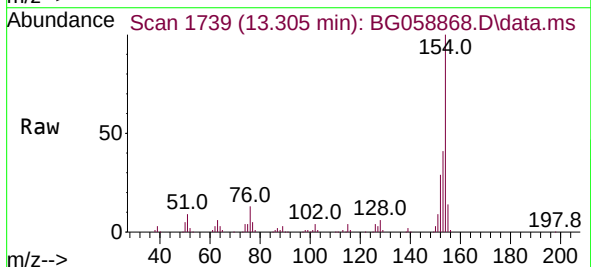
Instrument :  
BNA\_G  
ClientSampleId :  
PB155117BS

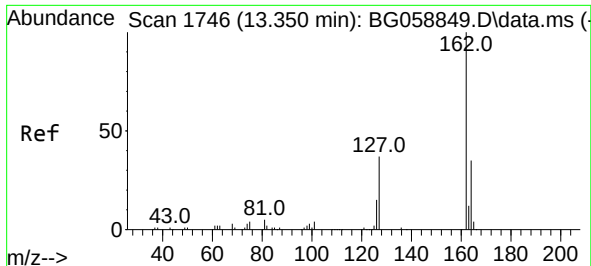
Tgt Ion:172 Resp: 288610  
Ion Ratio Lower Upper  
172 100  
171 34.6 28.1 42.1  
170 22.1 18.6 27.8



#46  
1,1'-Biphenyl  
Concen: 45.576 ng  
RT: 13.305 min Scan# 1739  
Delta R.T. -0.004 min  
Lab File: BG058868.D  
Acq: 28 Aug 2023 11:11

Tgt Ion:154 Resp: 150348  
Ion Ratio Lower Upper  
154 100  
153 40.5 21.7 61.7  
76 12.6 0.0 33.2

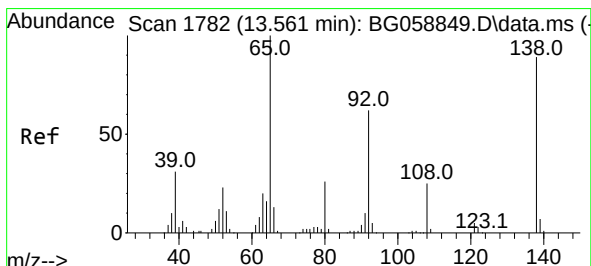
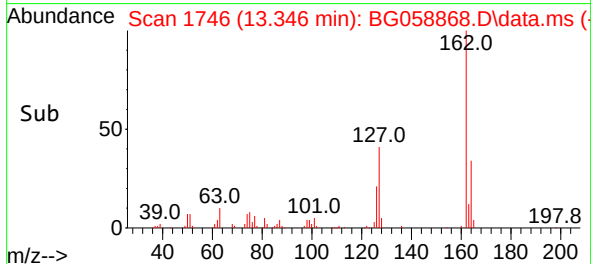
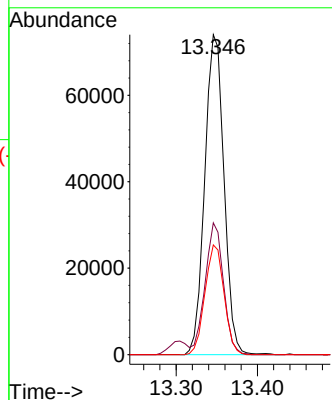
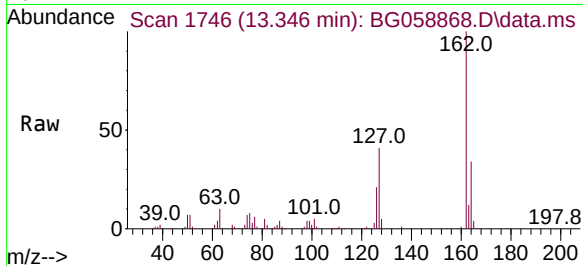




#47  
2-Chloronaphthalene  
Concen: 47.436 ng  
RT: 13.346 min Scan# 1746  
Delta R.T. -0.004 min  
Lab File: BG058868.D  
Acq: 28 Aug 2023 11:11

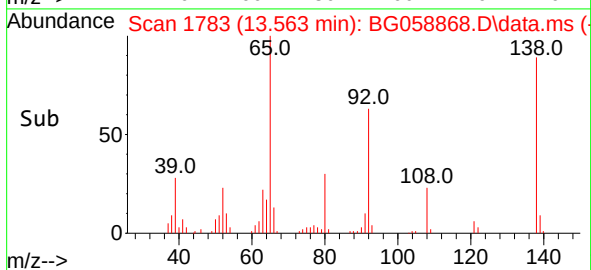
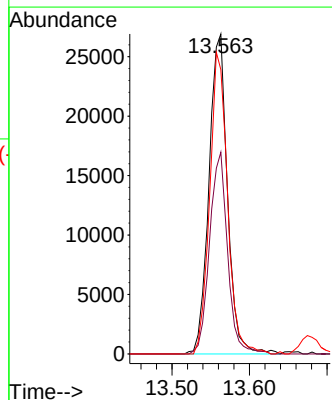
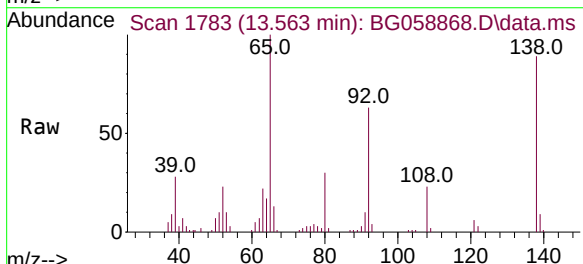
Instrument :  
BNA\_G  
ClientSampleId :  
PB155117BS

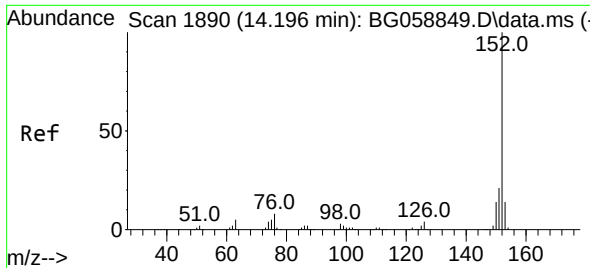
Tgt Ion:162 Resp: 121948  
Ion Ratio Lower Upper  
162 100  
127 41.2 31.5 47.3  
164 34.3 27.3 40.9



#48  
2-Nitroaniline  
Concen: 45.548 ng  
RT: 13.563 min Scan# 1783  
Delta R.T. 0.002 min  
Lab File: BG058868.D  
Acq: 28 Aug 2023 11:11

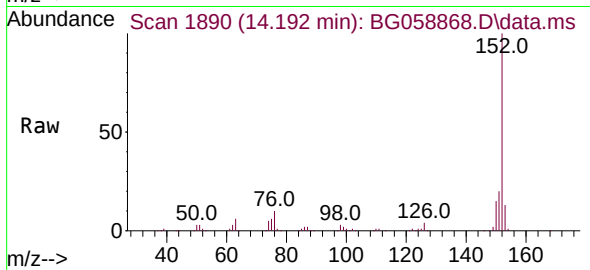
Tgt Ion: 65 Resp: 44472  
Ion Ratio Lower Upper  
65 100  
92 63.0 50.7 76.1  
138 88.8 70.7 106.1



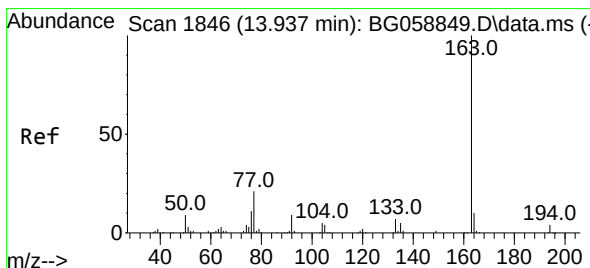
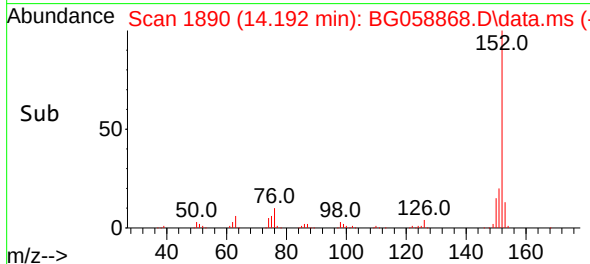
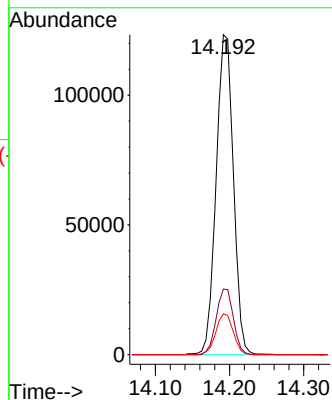


#49  
Acenaphthylene  
Concen: 46.784 ng  
RT: 14.192 min Scan# 1890  
Delta R.T. -0.004 min  
Lab File: BG058868.D  
Acq: 28 Aug 2023 11:11

Instrument :  
BNA\_G  
ClientSampleId :  
PB155117BS

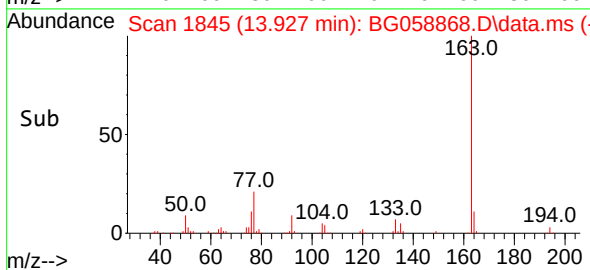
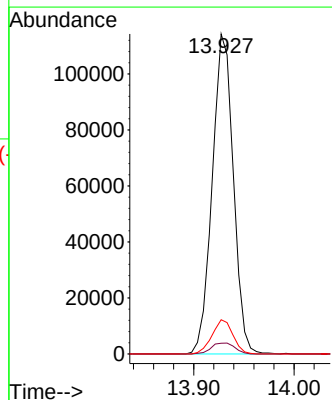
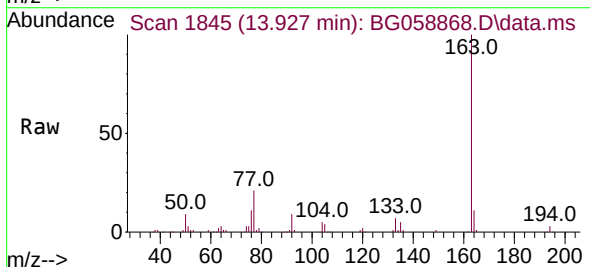


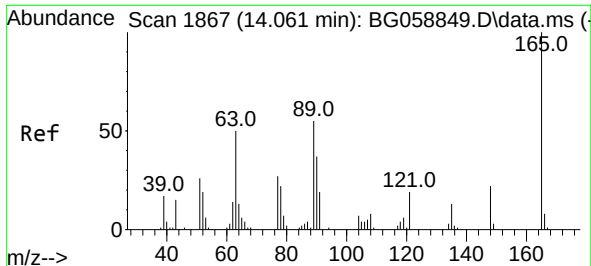
Tgt Ion:152 Resp: 199452  
Ion Ratio Lower Upper  
152 100  
151 20.5 16.9 25.3  
153 12.8 10.7 16.1



#50  
Dimethylphthalate  
Concen: 45.020 ng  
RT: 13.927 min Scan# 1845  
Delta R.T. -0.010 min  
Lab File: BG058868.D  
Acq: 28 Aug 2023 11:11

Tgt Ion:163 Resp: 166924  
Ion Ratio Lower Upper  
163 100  
194 3.3 2.7 4.1  
164 10.7 8.3 12.5

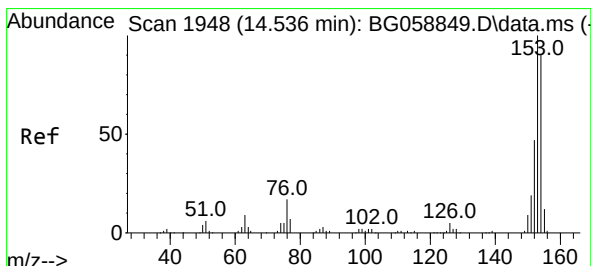
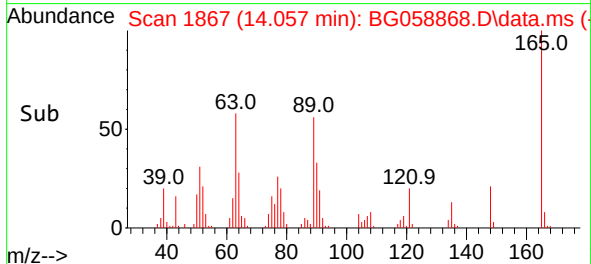
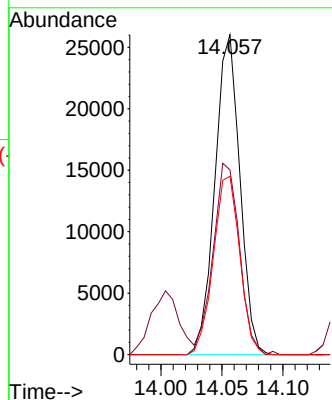
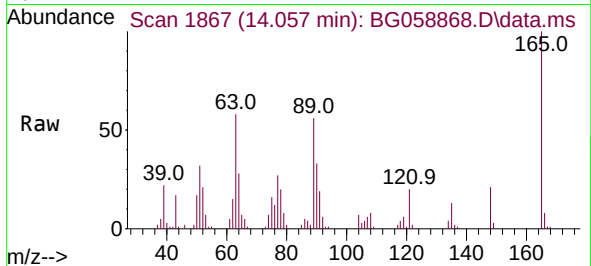




#51  
2,6-Dinitrotoluene  
Concen: 47.623 ng  
RT: 14.057 min Scan# 1867  
Delta R.T. -0.004 min  
Lab File: BG058868.D  
Acq: 28 Aug 2023 11:11

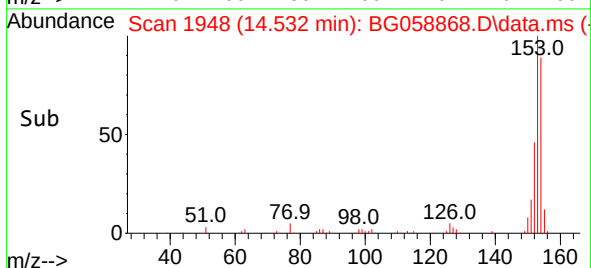
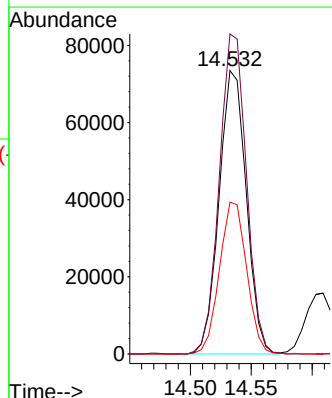
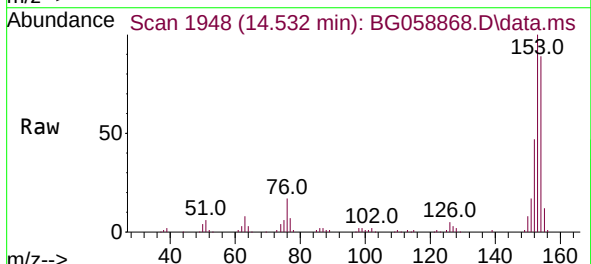
Instrument :  
BNA\_G  
ClientSampleId :  
PB155117BS

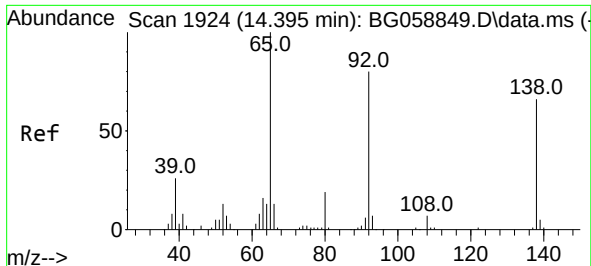
Tgt Ion:165 Resp: 37096  
Ion Ratio Lower Upper  
165 100  
63 57.7 47.2 70.8  
89 55.7 45.0 67.4



#52  
Acenaphthene  
Concen: 45.791 ng  
RT: 14.532 min Scan# 1948  
Delta R.T. -0.004 min  
Lab File: BG058868.D  
Acq: 28 Aug 2023 11:11

Tgt Ion:154 Resp: 114082  
Ion Ratio Lower Upper  
154 100  
153 113.0 92.7 139.1  
152 53.6 44.2 66.2

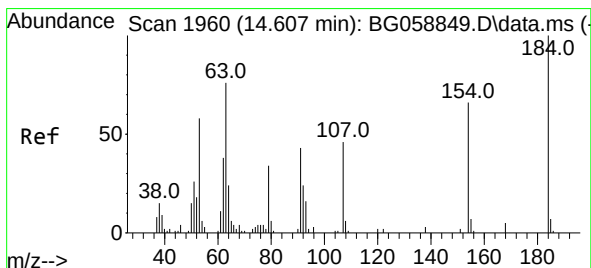
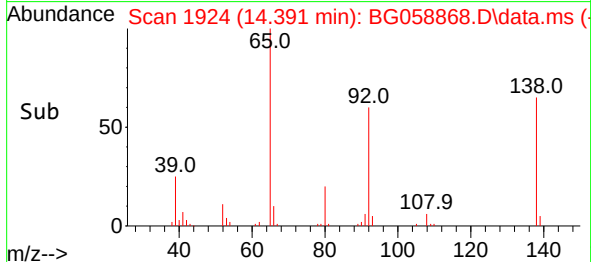
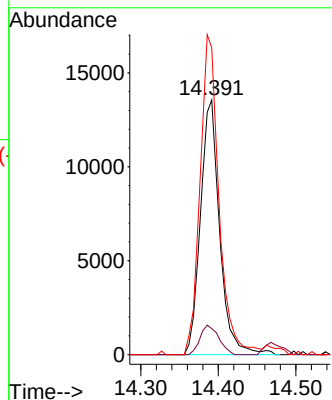
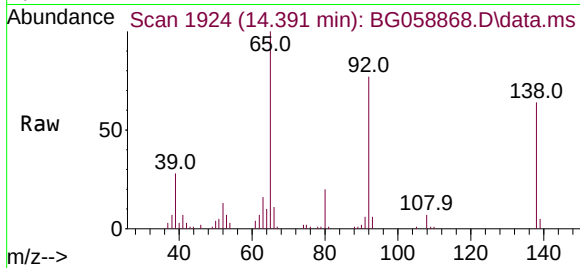




#53  
3-Nitroaniline  
Concen: 30.969 ng  
RT: 14.391 min Scan# 1924  
Delta R.T. -0.004 min  
Lab File: BG058868.D  
Acq: 28 Aug 2023 11:11

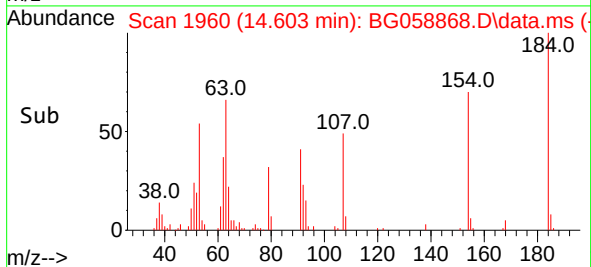
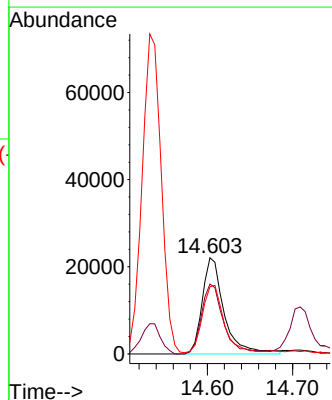
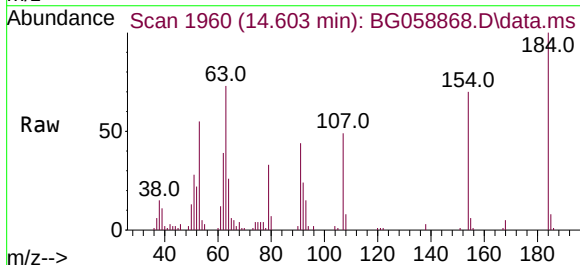
Instrument :  
BNA\_G  
ClientSampleId :  
PB155117BS

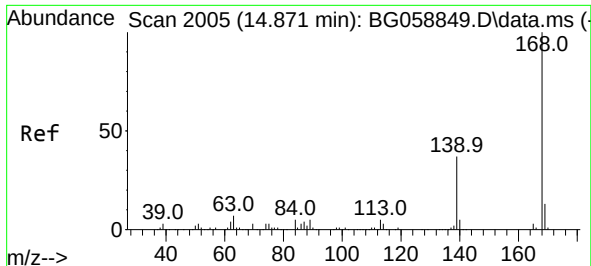
Tgt Ion:138 Resp: 23267  
Ion Ratio Lower Upper  
138 100  
108 10.2 11.8 17.8#  
92 120.4 102.5 153.7



#54  
2,4-Dinitrophenol  
Concen: 89.362 ng  
RT: 14.603 min Scan# 1960  
Delta R.T. -0.004 min  
Lab File: BG058868.D  
Acq: 28 Aug 2023 11:11

Tgt Ion:184 Resp: 39289  
Ion Ratio Lower Upper  
184 100  
63 72.7 57.7 86.5  
154 69.8 51.8 77.6

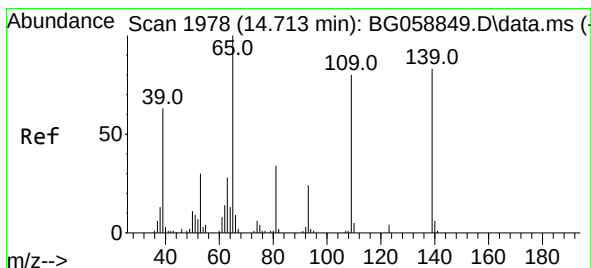
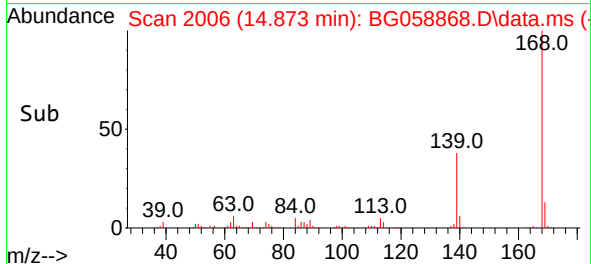
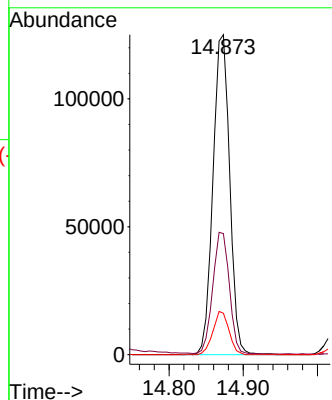
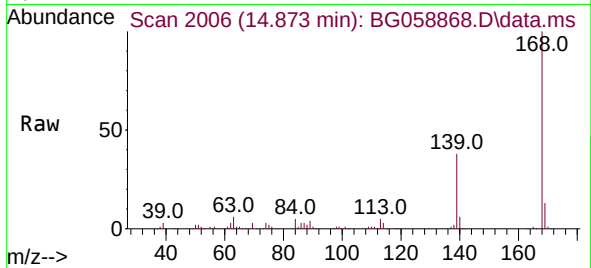




#55  
Dibenzofuran  
Concen: 45.456 ng  
RT: 14.873 min Scan# 2005  
Delta R.T. 0.002 min  
Lab File: BG058868.D  
Acq: 28 Aug 2023 11:11

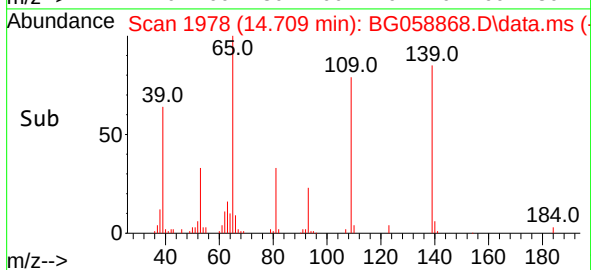
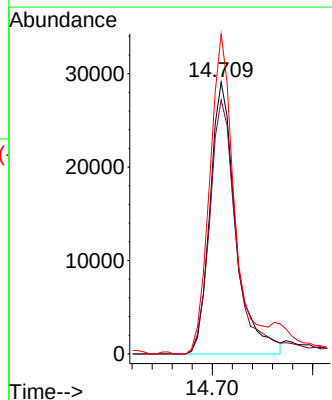
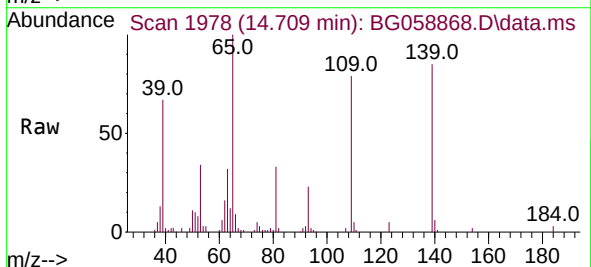
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BNA\_G  
ClientSampleId :  
PB155117BS

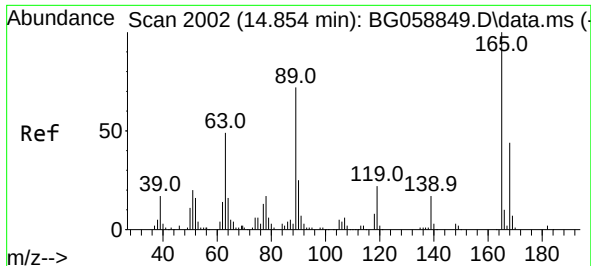
Tgt Ion:168 Resp: 195348  
Ion Ratio Lower Upper  
168 100  
139 37.8 30.4 45.6  
169 12.9 10.7 16.1



#56  
4-Nitrophenol  
Concen: 94.117 ng  
RT: 14.709 min Scan# 1978  
Delta R.T. -0.004 min  
Lab File: BG058868.D  
Acq: 28 Aug 2023 11:11

Tgt Ion:139 Resp: 51606  
Ion Ratio Lower Upper  
139 100  
109 93.5 71.9 111.9  
65 117.8 100.7 140.7

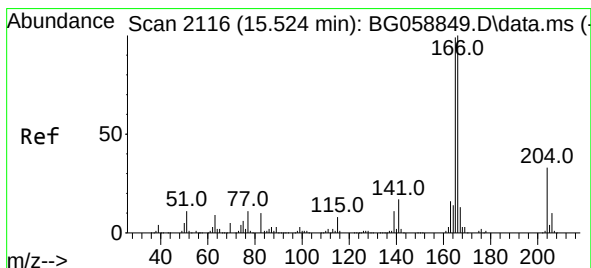
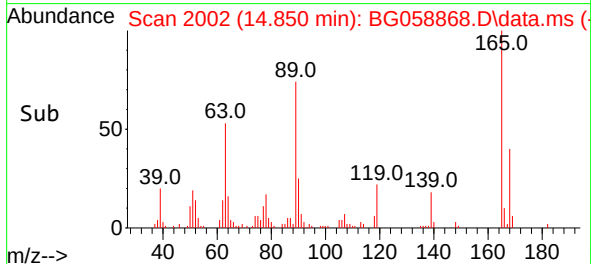
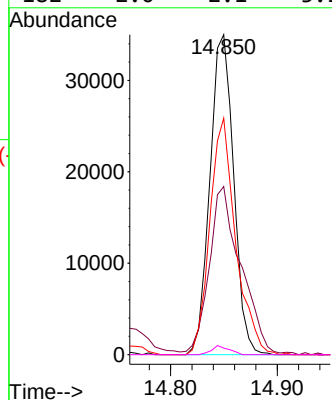
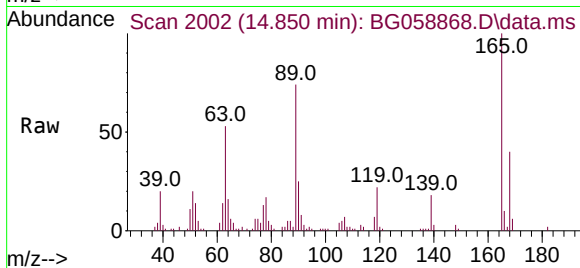




#57  
2,4-Dinitrotoluene  
Concen: 49.866 ng  
RT: 14.850 min Scan# 2002  
Delta R.T. -0.004 min  
Lab File: BG058868.D  
Acq: 28 Aug 2023 11:11

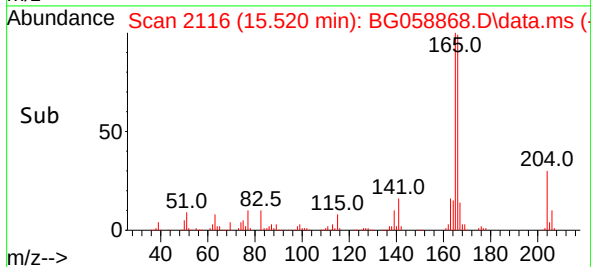
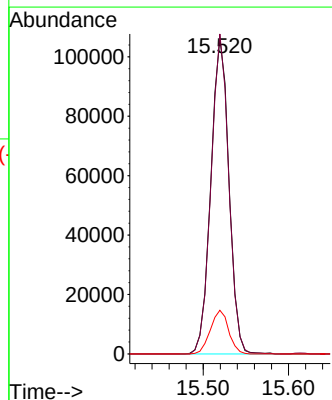
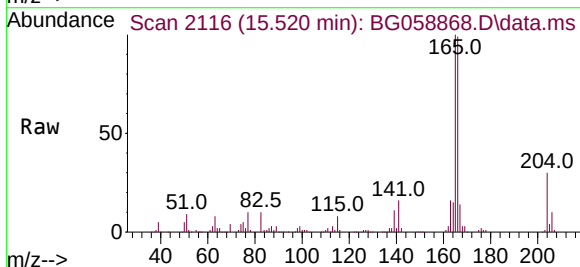
Instrument :  
BNA\_G  
ClientSampleId :  
PB155117BS

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:165 | Resp: | 54178     |
| Ion Ratio   | Lower | Upper     |
| 165         | 100   |           |
| 63          | 52.5  | 41.8 62.6 |
| 89          | 73.9  | 60.7 91.1 |
| 182         | 2.0   | 2.1 3.1#  |

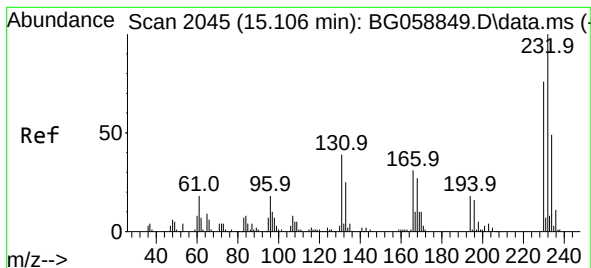


#58  
Fluorene  
Concen: 45.791 ng  
RT: 15.520 min Scan# 2116  
Delta R.T. -0.004 min  
Lab File: BG058868.D  
Acq: 28 Aug 2023 11:11

|             |       |            |
|-------------|-------|------------|
| Tgt Ion:166 | Resp: | 156611     |
| Ion Ratio   | Lower | Upper      |
| 166         | 100   |            |
| 165         | 101.4 | 79.9 119.9 |
| 167         | 13.8  | 10.7 16.1  |



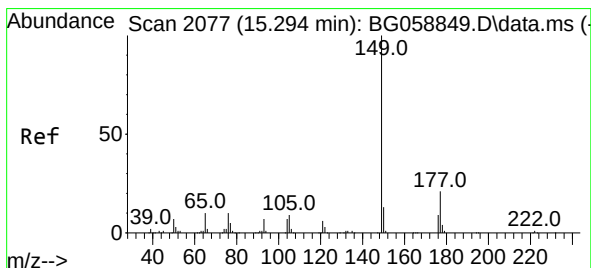
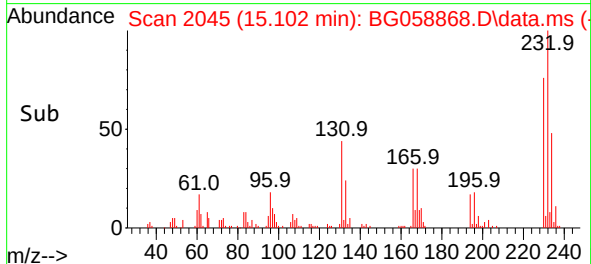
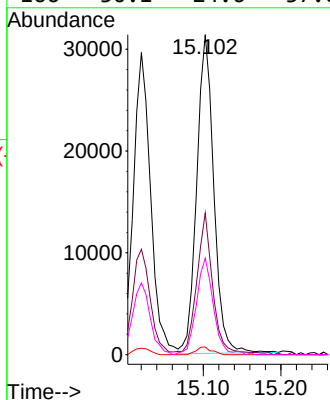
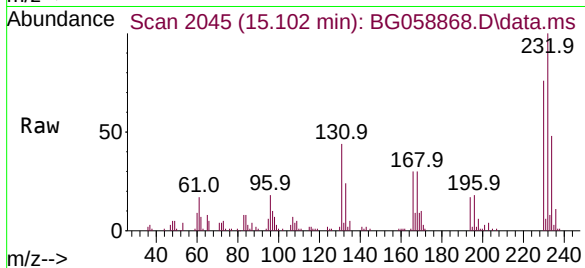




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 52.125 ng  
RT: 15.102 min Scan# 2045  
Delta R.T. -0.004 min  
Lab File: BG058868.D  
Acq: 28 Aug 2023 11:11

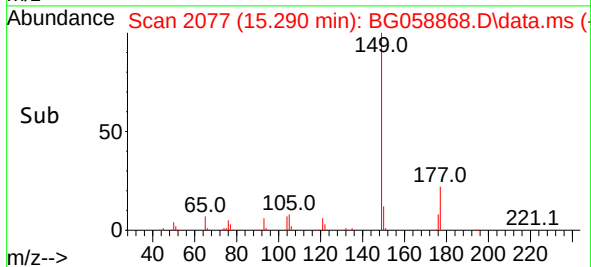
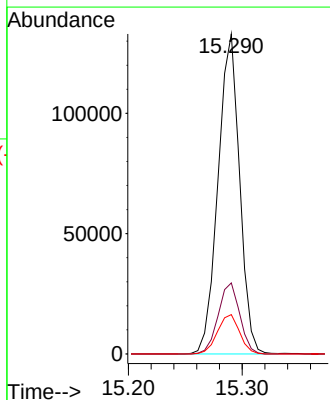
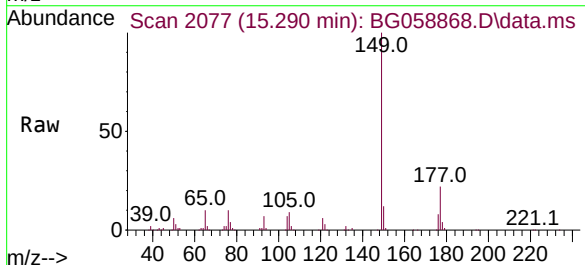
Instrument :  
BNA\_G  
ClientSampleId :  
PB155117BS

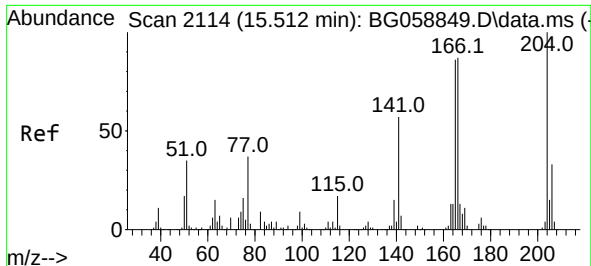
Tgt Ion:232 Resp: 47848  
Ion Ratio Lower Upper  
232 100  
131 42.2 33.9 50.9  
130 2.2 1.8 2.6  
166 30.1 24.6 37.0



#60  
Diethylphthalate  
Concen: 45.743 ng  
RT: 15.290 min Scan# 2077  
Delta R.T. -0.004 min  
Lab File: BG058868.D  
Acq: 28 Aug 2023 11:11

Tgt Ion:149 Resp: 174869  
Ion Ratio Lower Upper  
149 100  
177 22.2 18.2 27.2  
150 12.3 10.0 15.0

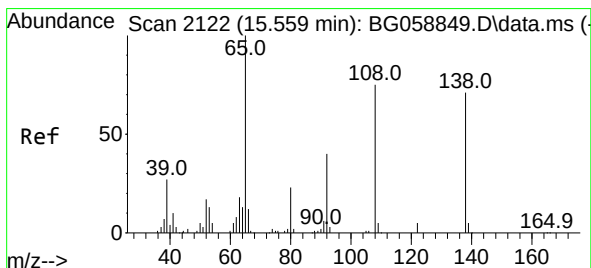
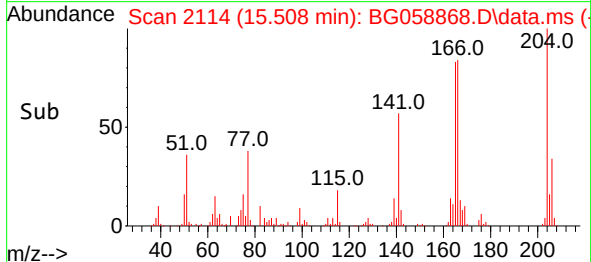
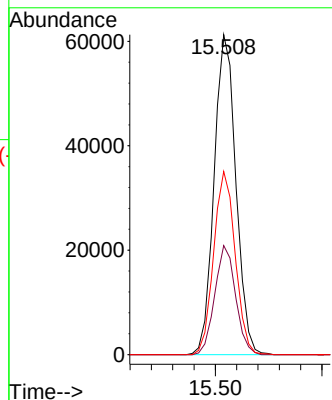
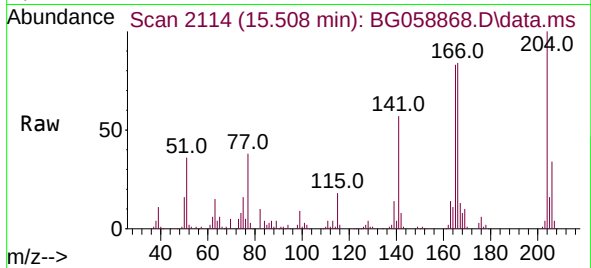




#61  
4-Chlorophenyl-phenylether  
Concen: 45.877 ng  
RT: 15.508 min Scan# 2114  
Delta R.T. -0.004 min  
Lab File: BG058868.D  
Acq: 28 Aug 2023 11:11

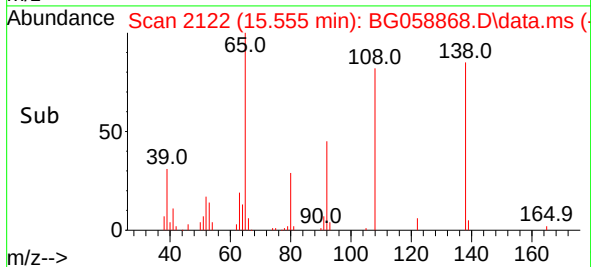
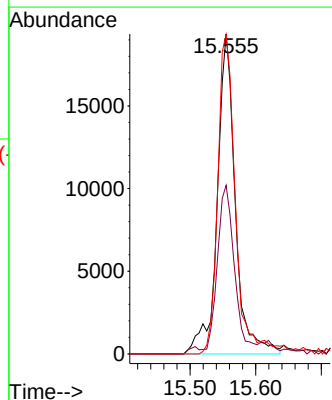
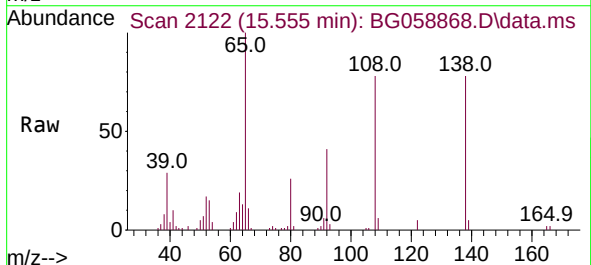
Instrument :  
BNA\_G  
ClientSampleId :  
PB155117BS

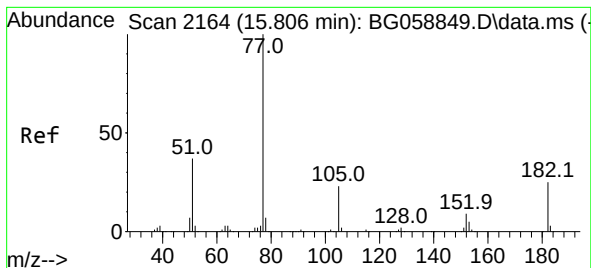
Tgt Ion:204 Resp: 86968  
Ion Ratio Lower Upper  
204 100  
206 34.1 25.6 38.4  
141 57.2 42.3 63.5



#62  
4-Nitroaniline  
Concen: 48.605 ng  
RT: 15.555 min Scan# 2122  
Delta R.T. -0.004 min  
Lab File: BG058868.D  
Acq: 28 Aug 2023 11:11

Tgt Ion:138 Resp: 37058  
Ion Ratio Lower Upper  
138 100  
92 52.7 36.4 76.4  
108 99.7 72.2 112.2





#63

Azobenzene

Concen: 44.227 ng

RT: 15.802 min Scan# 2164

Delta R.T. -0.004 min

Lab File: BG058868.D

Acq: 28 Aug 2023 11:11

Instrument :

BNA\_G

ClientSampleId :

PB155117BS

Tgt Ion: 77 Resp: 155248

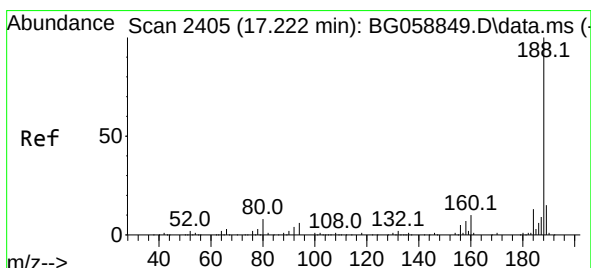
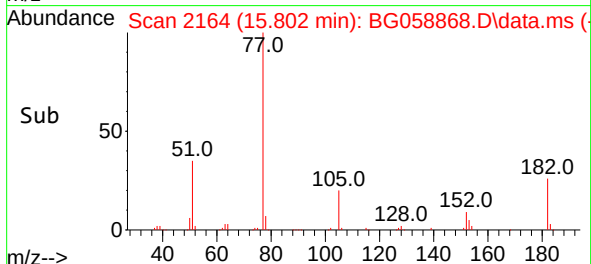
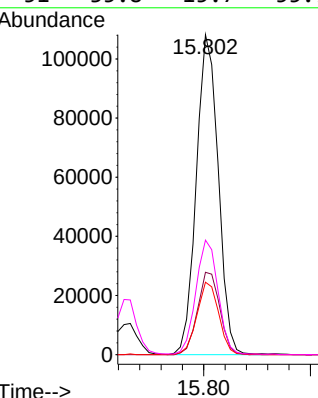
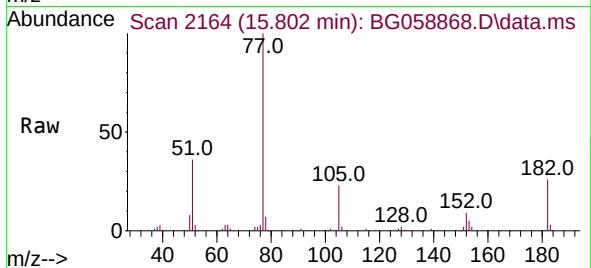
Ion Ratio Lower Upper

77 100

182 25.7 4.9 44.9

105 22.6 2.8 42.8

51 35.8 15.7 55.7



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.218 min Scan# 2405

Delta R.T. -0.004 min

Lab File: BG058868.D

Acq: 28 Aug 2023 11:11

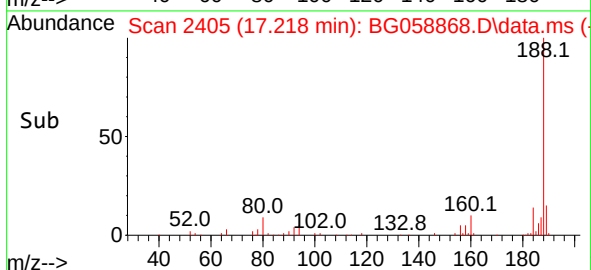
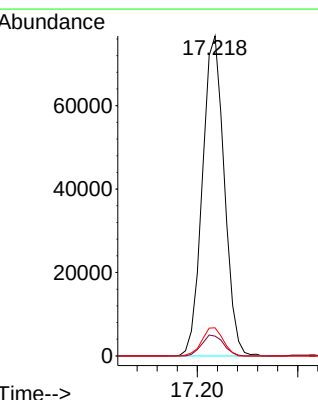
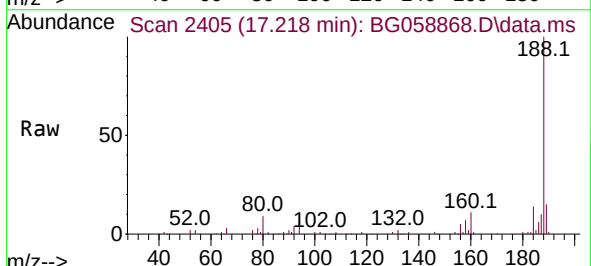
Tgt Ion: 188 Resp: 116135

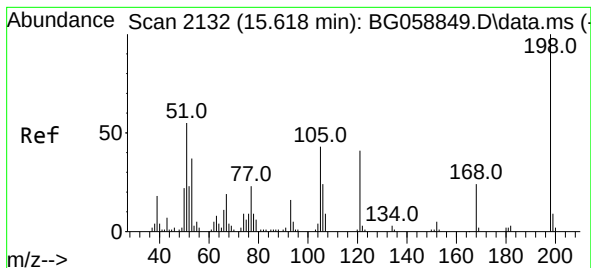
Ion Ratio Lower Upper

188 100

94 6.2 6.1 9.1

80 8.8 6.9 10.3

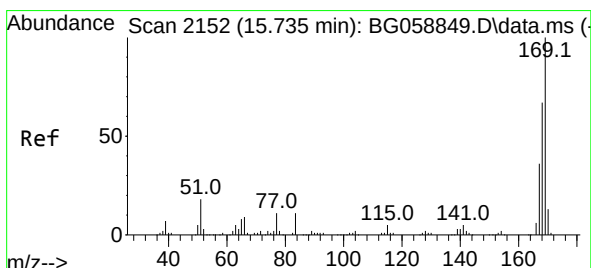
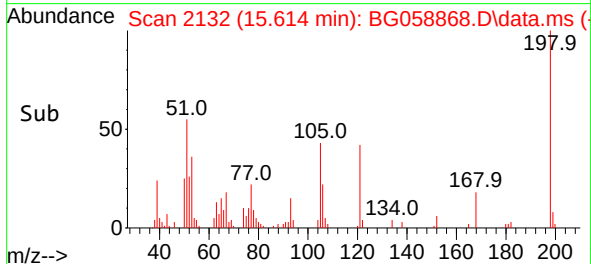
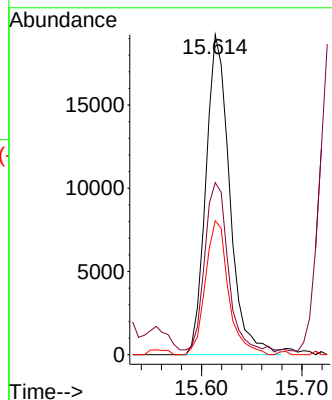
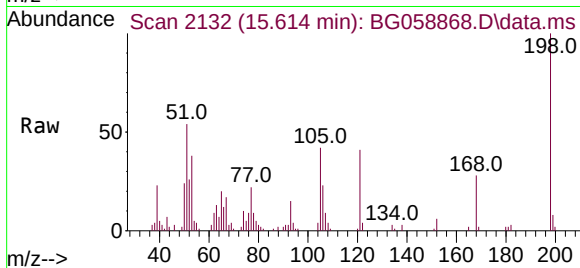




#65  
4,6-Dinitro-2-methylphenol  
Concen: 48.205 ng  
RT: 15.614 min Scan# 2132  
Delta R.T. -0.004 min  
Lab File: BG058868.D  
Acq: 28 Aug 2023 11:11

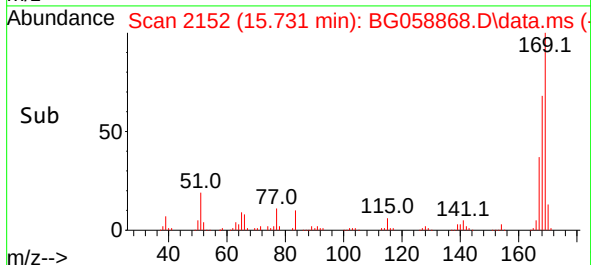
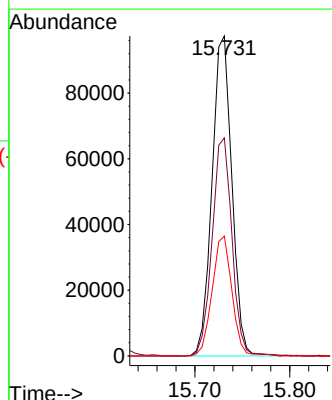
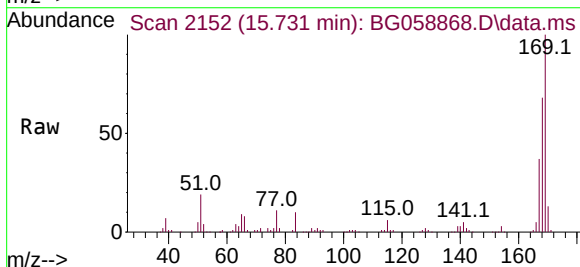
Instrument :  
BNA\_G  
ClientSampleId :  
PB155117BS

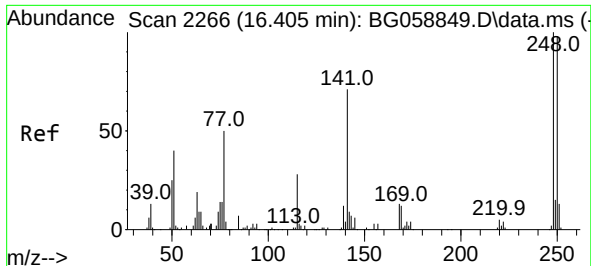
Tgt Ion:198 Resp: 31644  
Ion Ratio Lower Upper  
198 100  
51 53.7 31.3 71.3  
105 41.8 20.7 60.7



#66  
n-Nitrosodiphenylamine  
Concen: 47.333 ng  
RT: 15.731 min Scan# 2152  
Delta R.T. -0.004 min  
Lab File: BG058868.D  
Acq: 28 Aug 2023 11:11

Tgt Ion:169 Resp: 141680  
Ion Ratio Lower Upper  
169 100  
168 68.1 54.4 81.6  
167 37.4 31.4 47.0

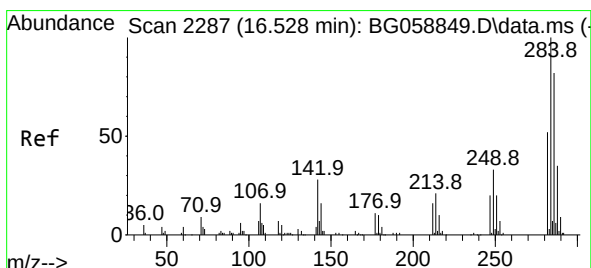
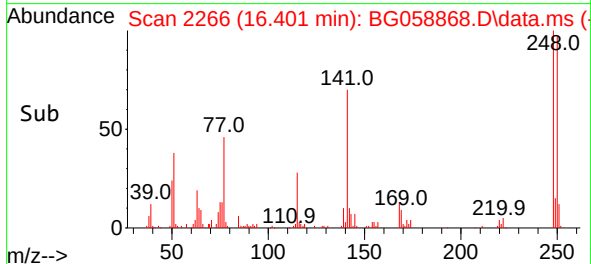
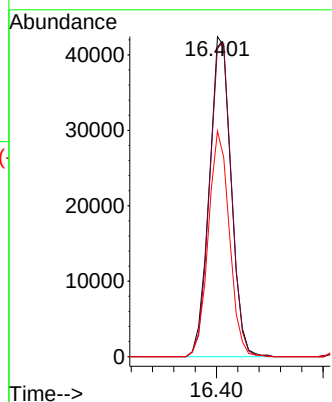
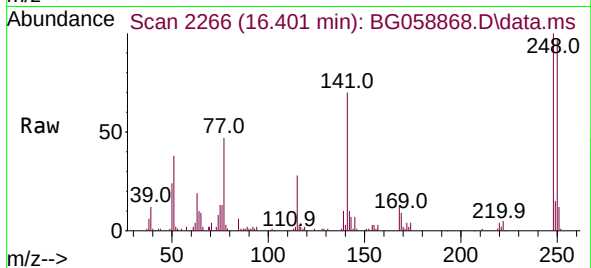




#67  
4-Bromophenyl-phenylether  
Concen: 47.301 ng  
RT: 16.401 min Scan# 21  
Delta R.T. -0.004 min  
Lab File: BG058868.D  
Acq: 28 Aug 2023 11:11

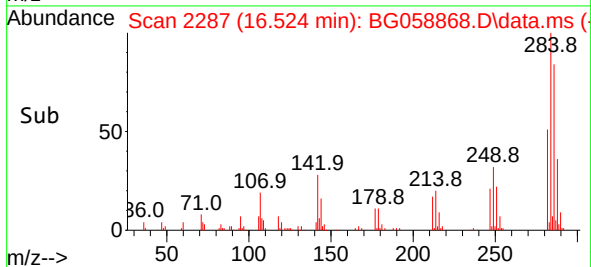
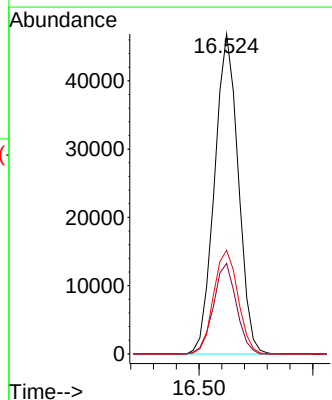
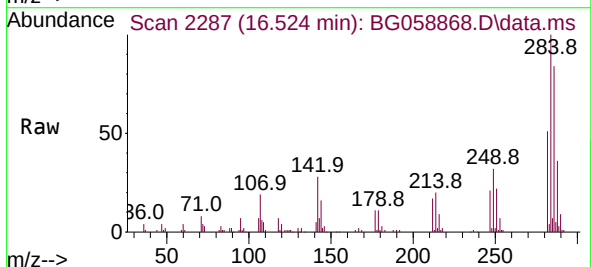
Instrument :  
BNA\_G  
ClientSampleId :  
PB155117BS

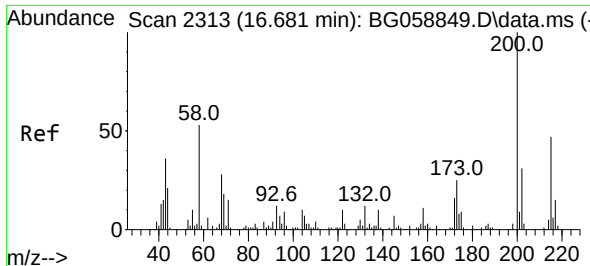
Tgt Ion:248 Resp: 60281  
Ion Ratio Lower Upper  
248 100  
250 96.9 77.7 116.5  
141 70.5 53.6 80.4



#68  
Hexachlorobenzene  
Concen: 49.446 ng  
RT: 16.524 min Scan# 2287  
Delta R.T. -0.004 min  
Lab File: BG058868.D  
Acq: 28 Aug 2023 11:11

Tgt Ion:284 Resp: 67820  
Ion Ratio Lower Upper  
284 100  
142 28.3 22.0 33.0  
249 32.4 27.2 40.8

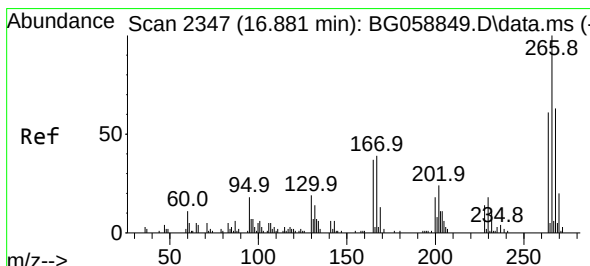
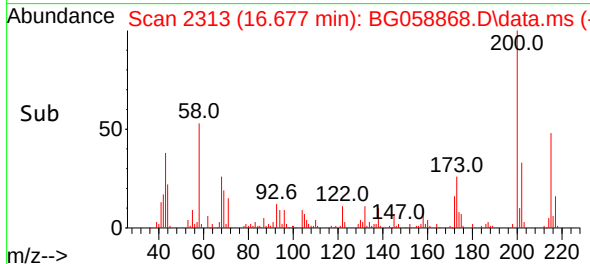
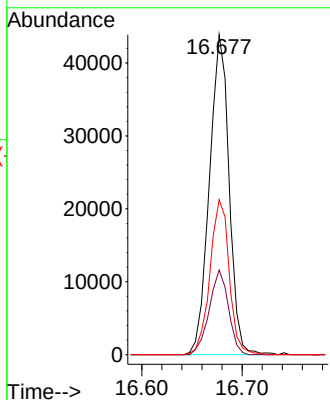
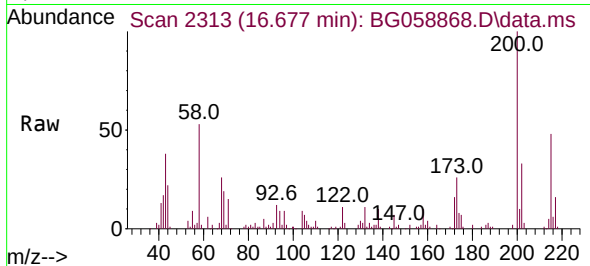




#69  
 Atrazine  
 Concen: 56.479 ng  
 RT: 16.677 min Scan# 2313  
 Delta R.T. -0.004 min  
 Lab File: BG058868.D  
 Acq: 28 Aug 2023 11:11

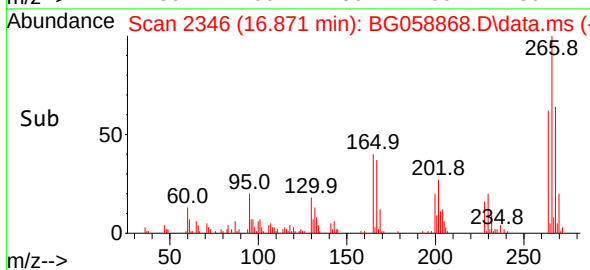
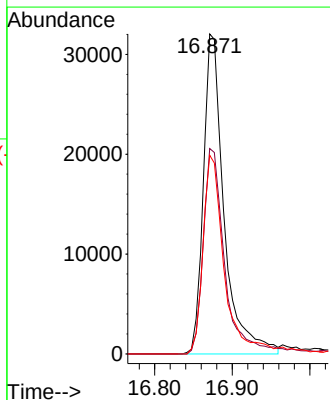
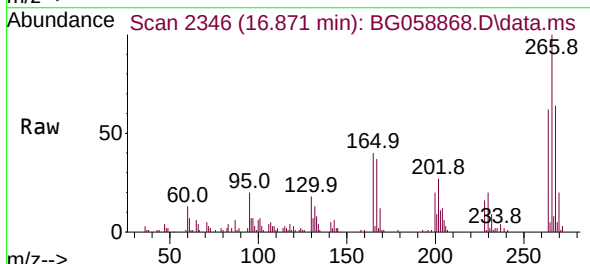
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB155117BS

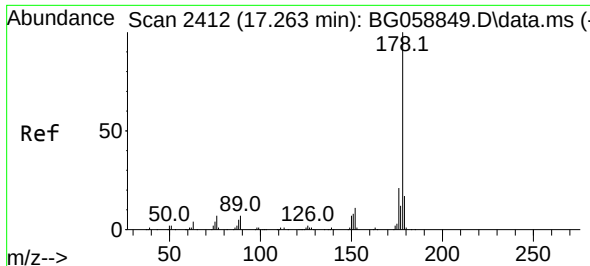
Tgt Ion:200 Resp: 59828  
 Ion Ratio Lower Upper  
 200 100  
 173 26.4 5.3 45.3  
 215 48.4 29.4 69.4



#70  
 Pentachlorophenol  
 Concen: 82.482 ng  
 RT: 16.871 min Scan# 2346  
 Delta R.T. -0.010 min  
 Lab File: BG058868.D  
 Acq: 28 Aug 2023 11:11

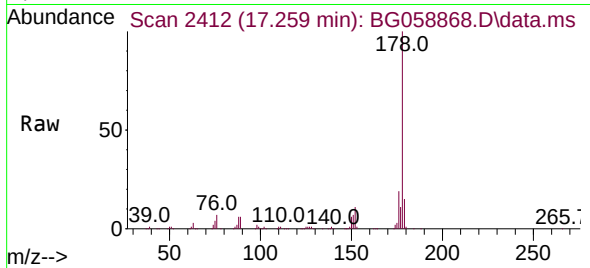
Tgt Ion:266 Resp: 59323  
 Ion Ratio Lower Upper  
 266 100  
 268 64.2 52.7 79.1  
 264 62.1 49.5 74.3



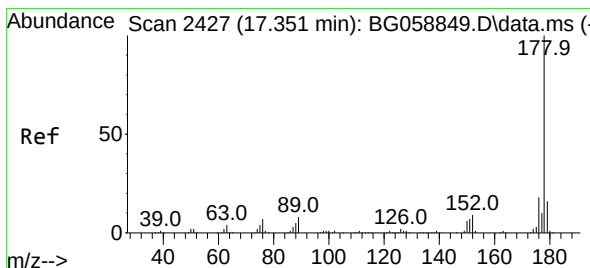
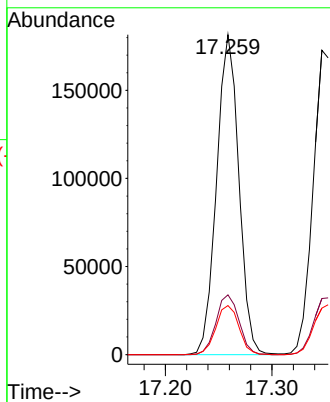
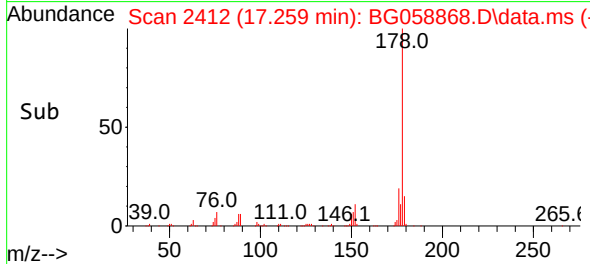


#71  
Phenanthrene  
Concen: 47.339 ng  
RT: 17.259 min Scan# 2412  
Delta R.T. -0.004 min  
Lab File: BG058868.D  
Acq: 28 Aug 2023 11:11

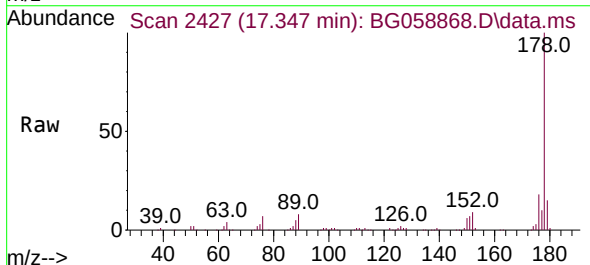
Instrument :  
BNA\_G  
ClientSampleId :  
PB155117BS



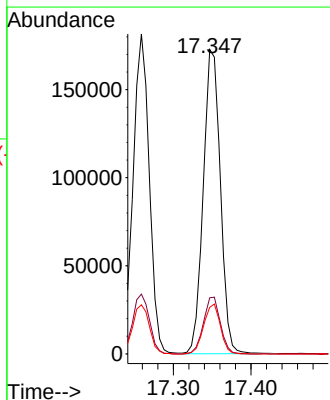
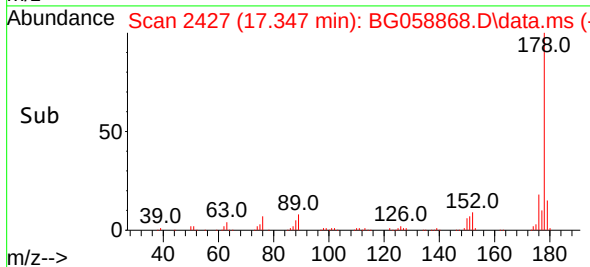
Tgt Ion:178 Resp: 263929  
Ion Ratio Lower Upper  
178 100  
176 18.7 15.5 23.3  
179 15.3 13.0 19.4

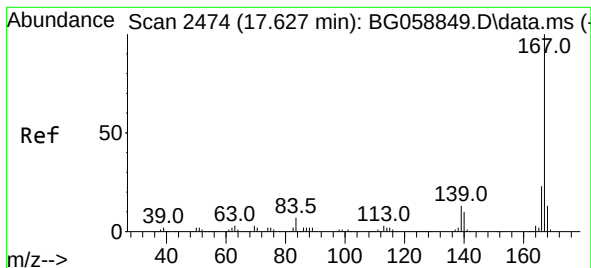


#72  
Anthracene  
Concen: 47.278 ng  
RT: 17.347 min Scan# 2427  
Delta R.T. -0.004 min  
Lab File: BG058868.D  
Acq: 28 Aug 2023 11:11



Tgt Ion:178 Resp: 264366  
Ion Ratio Lower Upper  
178 100  
176 18.4 15.4 23.2  
179 15.3 12.9 19.3





#73

Carbazole

Concen: 48.735 ng

RT: 17.623 min Scan# 24

Delta R.T. -0.004 min

Lab File: BG058868.D

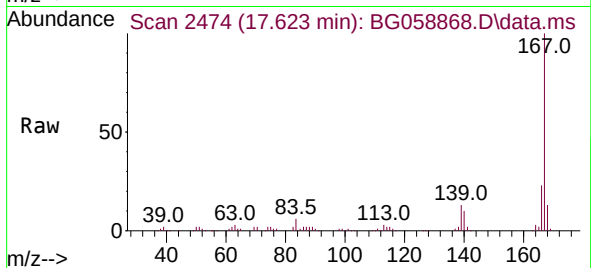
Acq: 28 Aug 2023 11:11

Instrument :

BNA\_G

ClientSampleId :

PB155117BS



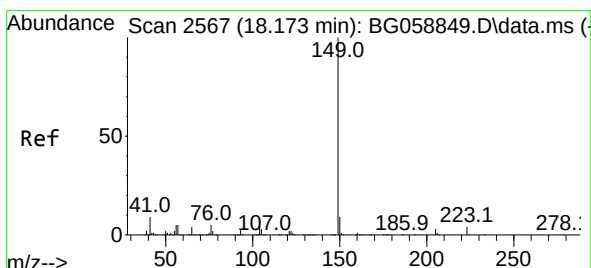
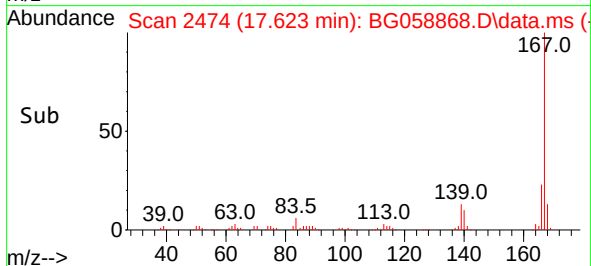
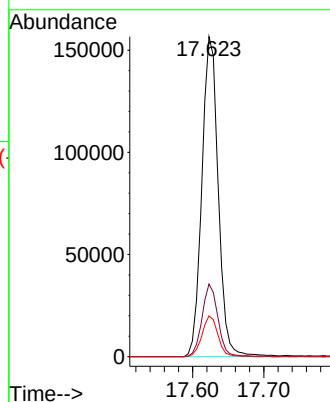
Tgt Ion:167 Resp: 249553

Ion Ratio Lower Upper

167 100

166 22.7 17.4 26.2

139 12.7 9.7 14.5



#74

Di-n-butylphthalate

Concen: 47.215 ng

RT: 18.175 min Scan# 2568

Delta R.T. 0.002 min

Lab File: BG058868.D

Acq: 28 Aug 2023 11:11

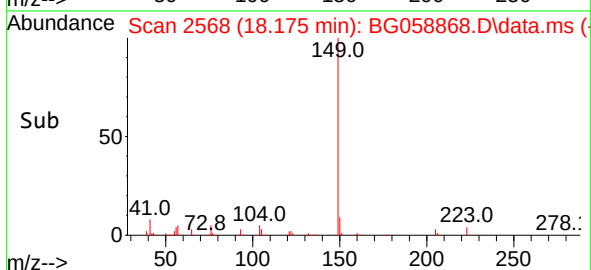
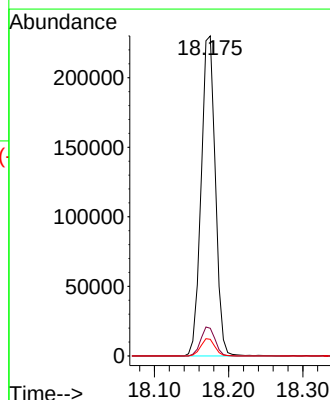
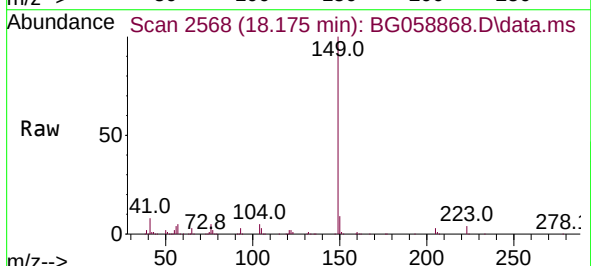
Tgt Ion:149 Resp: 304989

Ion Ratio Lower Upper

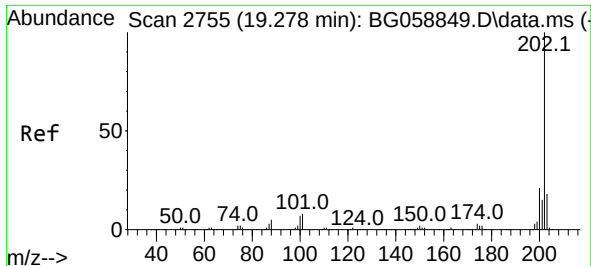
149 100

150 8.6 7.3 10.9

104 5.2 4.3 6.5

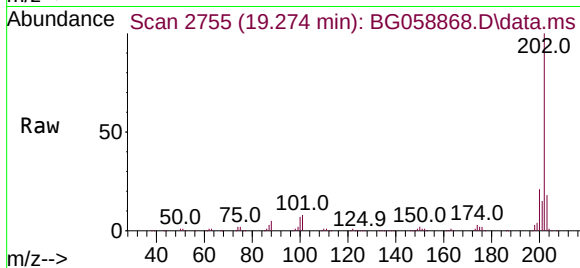




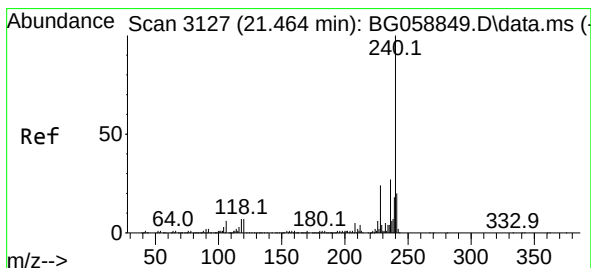
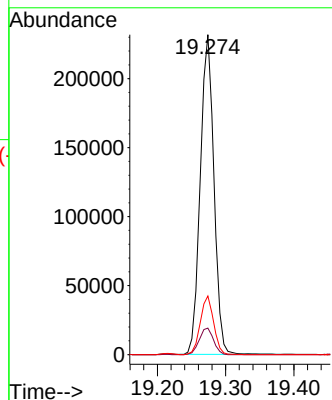
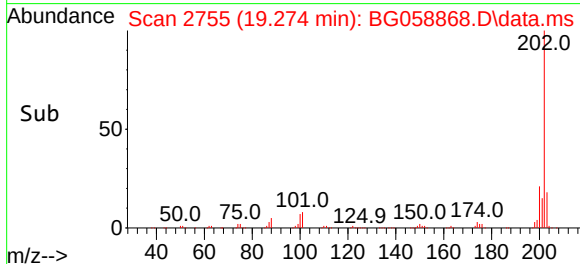


#75  
Fluoranthene  
Concen: 46.683 ng  
RT: 19.274 min Scan# 21  
Delta R.T. -0.004 min  
Lab File: BG058868.D  
Acq: 28 Aug 2023 11:11

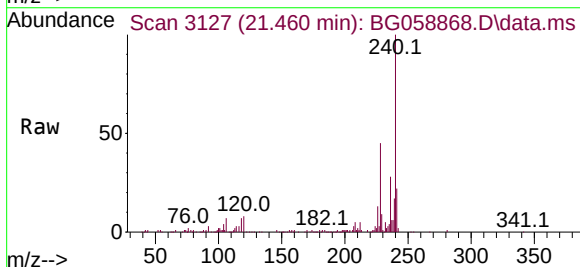
Instrument :  
BNA\_G  
ClientSampleId :  
PB155117BS



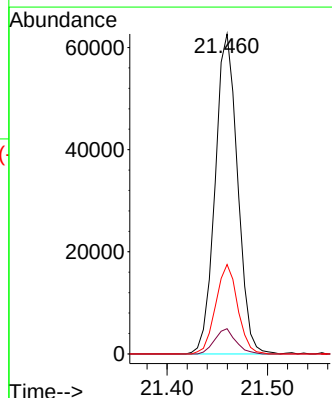
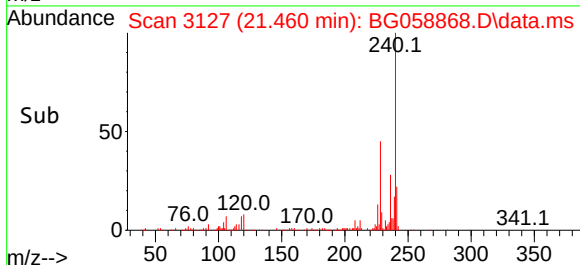
Tgt Ion:202 Resp: 322761  
Ion Ratio Lower Upper  
202 100  
101 8.3 0.0 29.7  
203 18.3 0.0 38.7

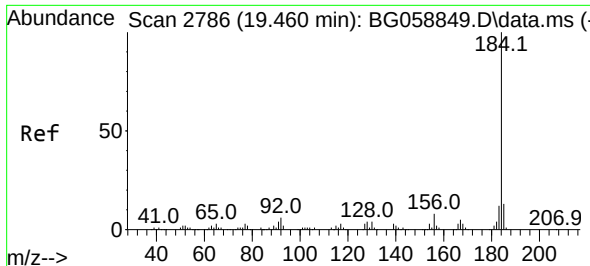


#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.460 min Scan# 3127  
Delta R.T. -0.004 min  
Lab File: BG058868.D  
Acq: 28 Aug 2023 11:11



Tgt Ion:240 Resp: 97321  
Ion Ratio Lower Upper  
240 100  
120 7.9 6.2 9.2  
236 27.9 20.5 30.7

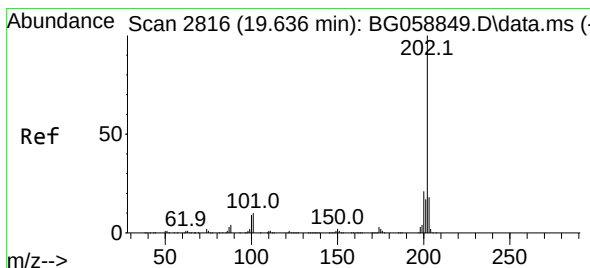
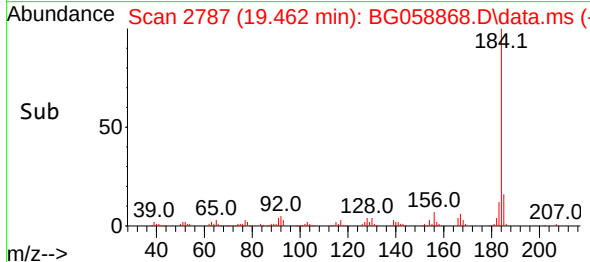
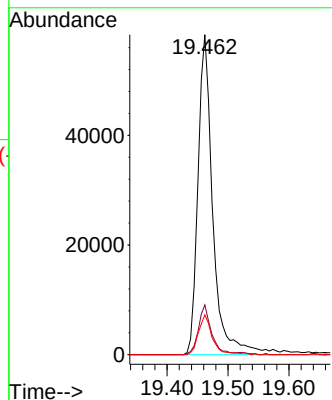
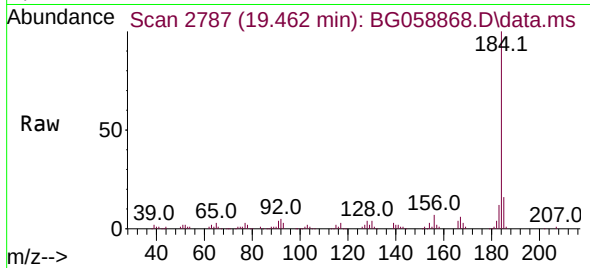




#77  
Benzidine  
Concen: 56.956 ng  
RT: 19.462 min Scan# 21  
Delta R.T. 0.002 min  
Lab File: BG058868.D  
Acq: 28 Aug 2023 11:11

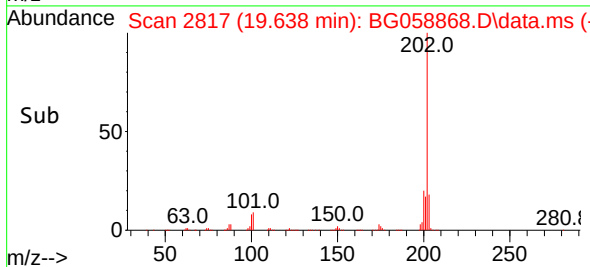
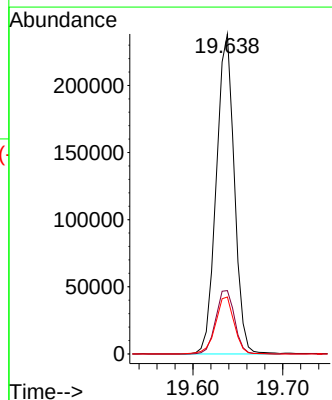
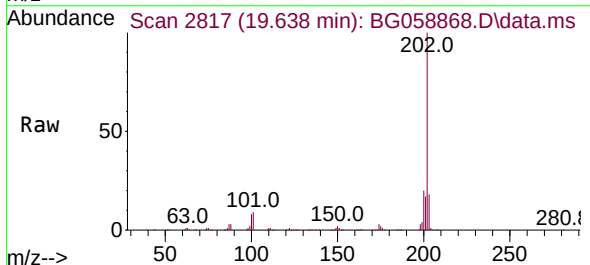
Instrument :  
BNA\_G  
ClientSampleId :  
PB155117BS

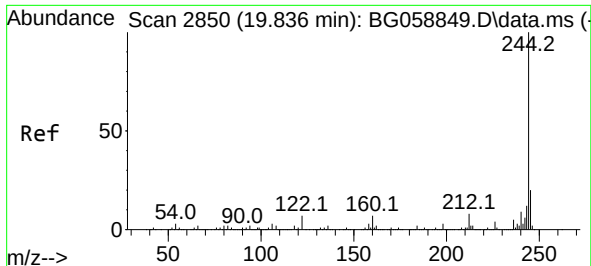
Tgt Ion:184 Resp: 99342  
Ion Ratio Lower Upper  
184 100  
185 15.5 11.9 17.9  
183 12.4 10.0 15.0



#78  
Pyrene  
Concen: 49.084 ng  
RT: 19.638 min Scan# 2817  
Delta R.T. 0.002 min  
Lab File: BG058868.D  
Acq: 28 Aug 2023 11:11

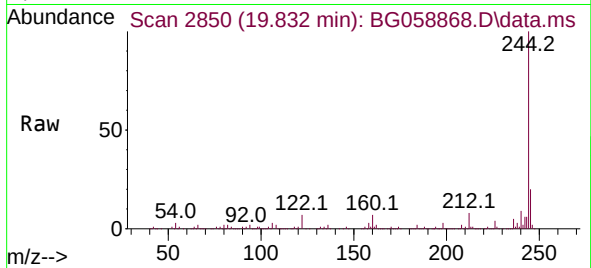
Tgt Ion:202 Resp: 332840  
Ion Ratio Lower Upper  
202 100  
200 19.8 16.7 25.1  
203 17.8 15.3 22.9



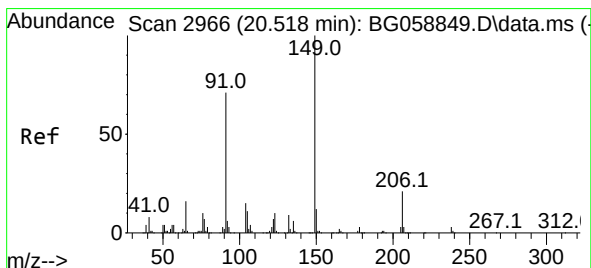
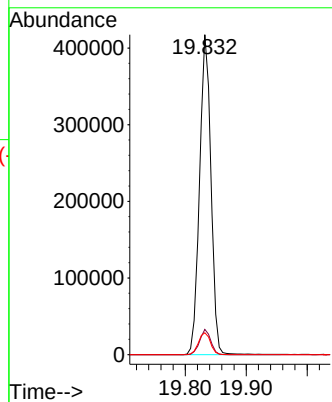
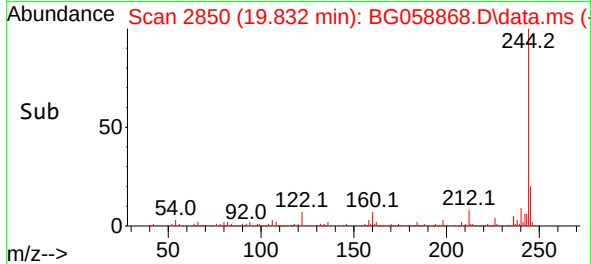


#79  
 Terphenyl-d14  
 Concen: 99.788 ng  
 RT: 19.832 min Scan# 2850  
 Delta R.T. -0.004 min  
 Lab File: BG058868.D  
 Acq: 28 Aug 2023 11:11

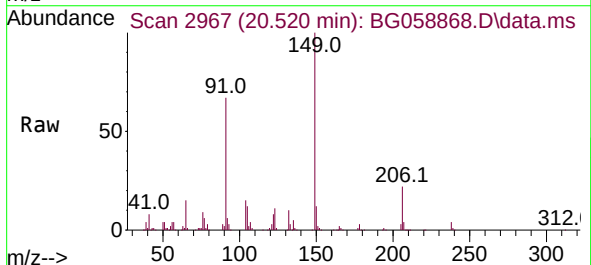
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB155117BS



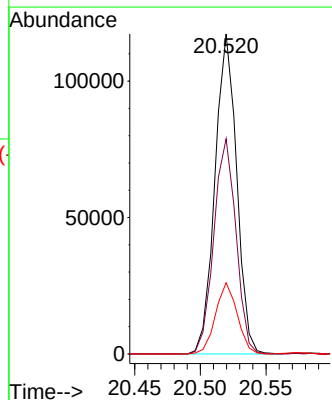
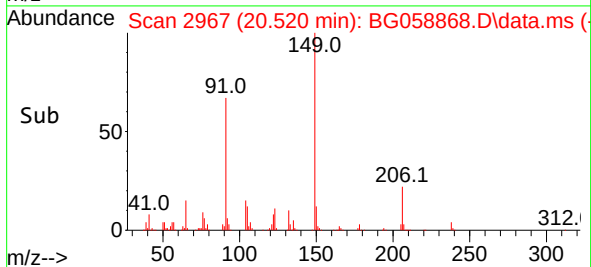
Tgt Ion:244 Resp: 540851  
 Ion Ratio Lower Upper  
 244 100  
 212 7.9 6.2 9.2  
 122 6.8 6.3 9.5

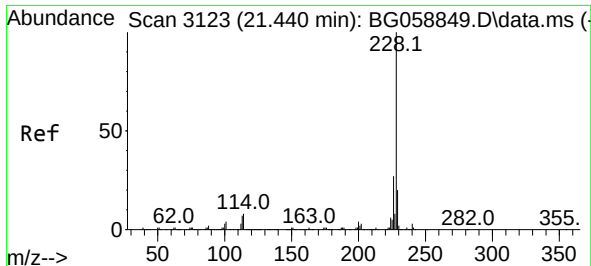


#80  
 Butylbenzylphthalate  
 Concen: 49.179 ng  
 RT: 20.520 min Scan# 2967  
 Delta R.T. 0.002 min  
 Lab File: BG058868.D  
 Acq: 28 Aug 2023 11:11



Tgt Ion:149 Resp: 135251  
 Ion Ratio Lower Upper  
 149 100  
 91 67.2 55.0 82.4  
 206 22.2 17.6 26.4

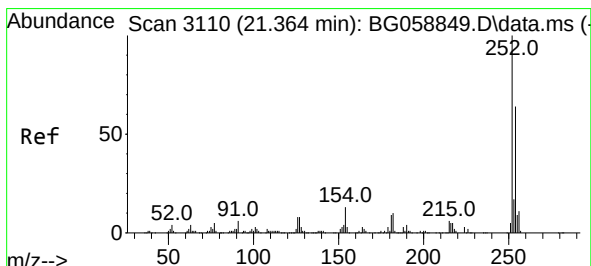
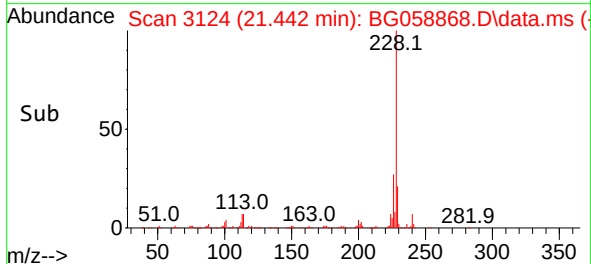
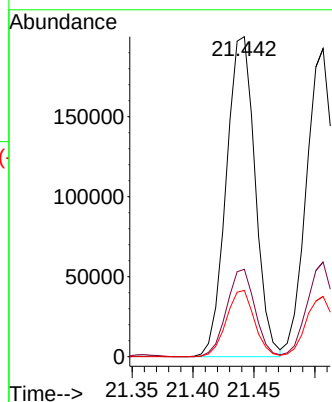
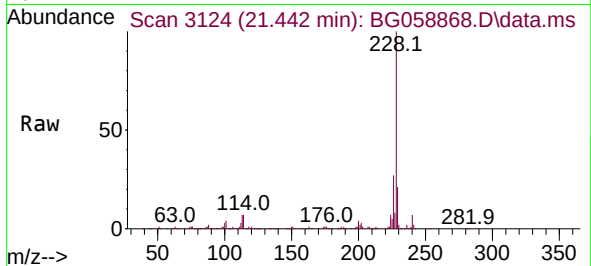




#81  
Benzo(a)anthracene  
Concen: 48.539 ng  
RT: 21.442 min Scan# 3123  
Delta R.T. 0.002 min  
Lab File: BG058868.D  
Acq: 28 Aug 2023 11:11

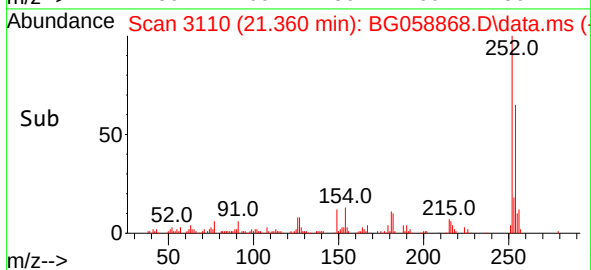
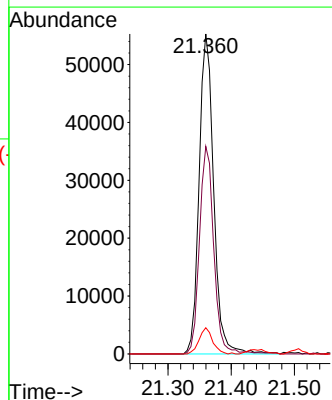
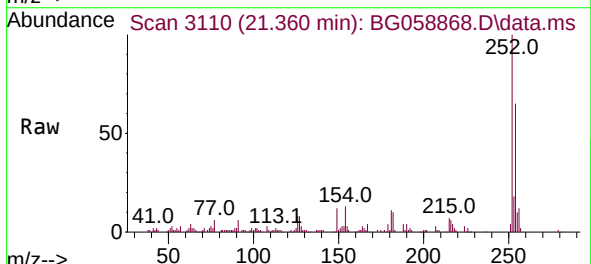
Instrument :  
BNA\_G  
ClientSampleId :  
PB155117BS

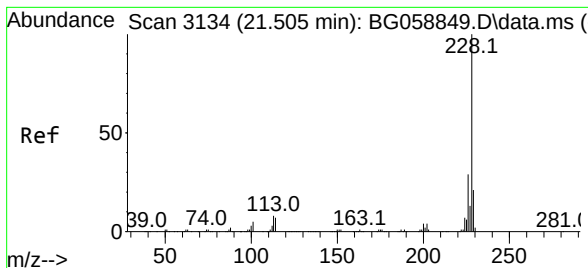
Tgt Ion:228 Resp: 328823  
Ion Ratio Lower Upper  
228 100  
226 27.3 22.6 33.8  
229 20.7 16.8 25.2



#82  
3,3'-Dichlorobenzidine  
Concen: 37.869 ng  
RT: 21.360 min Scan# 3110  
Delta R.T. -0.004 min  
Lab File: BG058868.D  
Acq: 28 Aug 2023 11:11

Tgt Ion:252 Resp: 88570  
Ion Ratio Lower Upper  
252 100  
254 64.8 51.8 77.6  
126 8.2 6.6 9.8





#83

Chrysene

Concen: 46.989 ng

RT: 21.507 min Scan# 31

Delta R.T. 0.002 min

Lab File: BG058868.D

Acq: 28 Aug 2023 11:11

Instrument :

BNA\_G

ClientSampleId :

PB155117BS

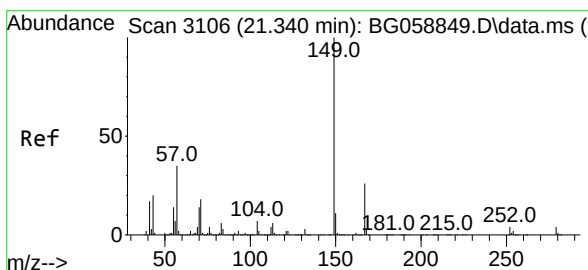
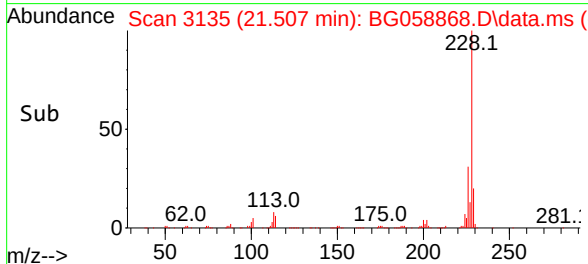
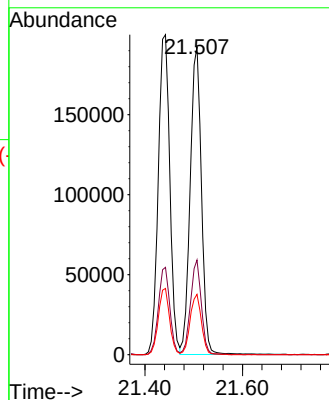
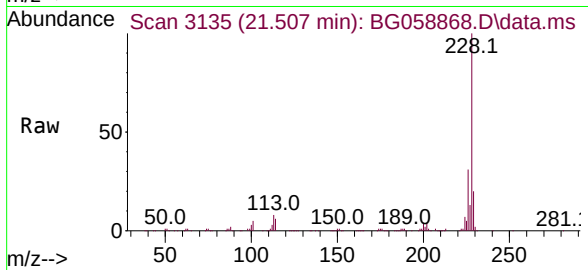
Tgt Ion:228 Resp: 306825

Ion Ratio Lower Upper

228 100

226 30.7 24.4 36.6

229 19.5 16.3 24.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.987 ng

RT: 21.336 min Scan# 3106

Delta R.T. -0.004 min

Lab File: BG058868.D

Acq: 28 Aug 2023 11:11

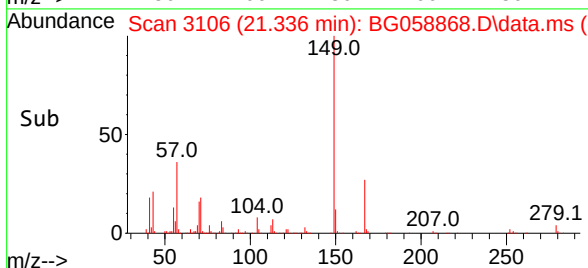
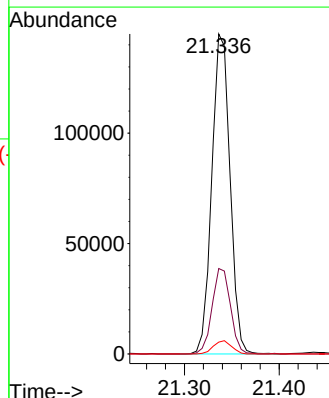
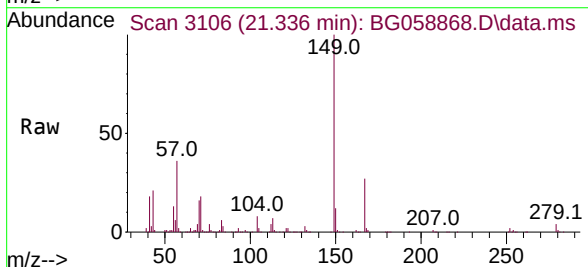
Tgt Ion:149 Resp: 193558

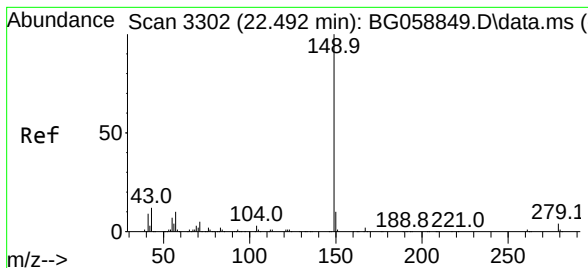
Ion Ratio Lower Upper

149 100

167 26.7 21.7 32.5

279 3.7 3.2 4.8

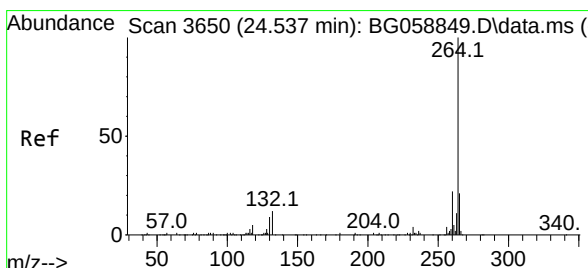
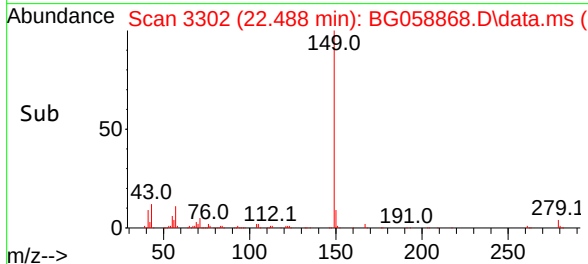
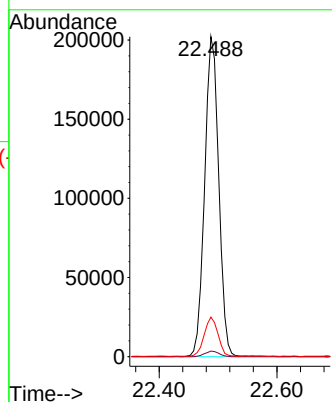
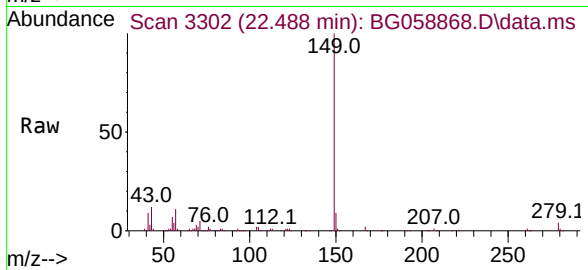




#85  
Di-n-octyl phthalate  
Concen: 48.426 ng  
RT: 22.488 min Scan# 331  
Delta R.T. -0.004 min  
Lab File: BG058868.D  
Acq: 28 Aug 2023 11:11

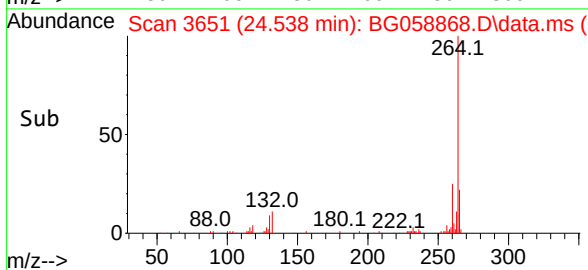
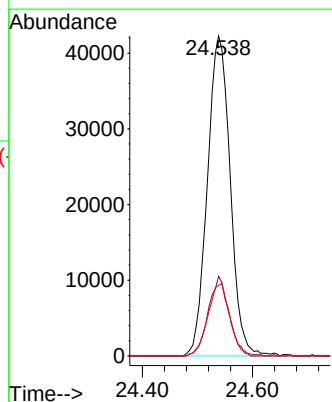
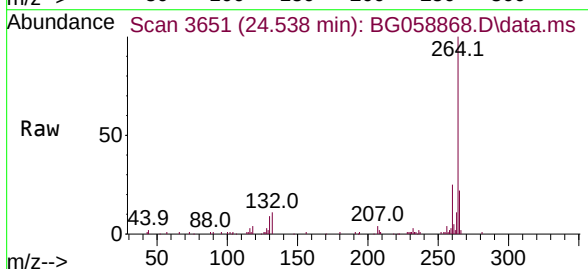
Instrument :  
BNA\_G  
ClientSampleId :  
PB155117BS

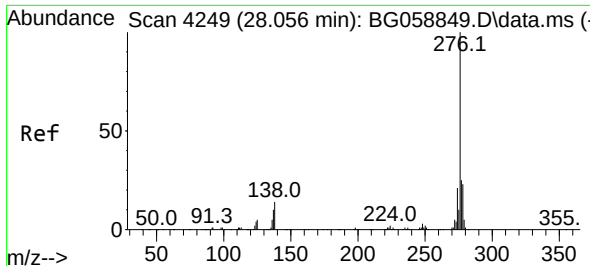
Tgt Ion:149 Resp: 335964  
Ion Ratio Lower Upper  
149 100  
167 1.7 1.3 1.9  
43 12.2 9.7 14.5



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 24.538 min Scan# 3651  
Delta R.T. 0.002 min  
Lab File: BG058868.D  
Acq: 28 Aug 2023 11:11

Tgt Ion:264 Resp: 121747  
Ion Ratio Lower Upper  
264 100  
260 24.9 18.2 27.2  
265 21.9 16.4 24.6

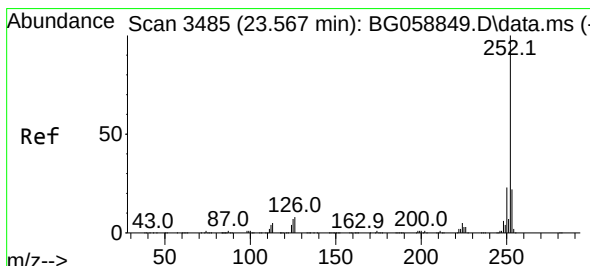
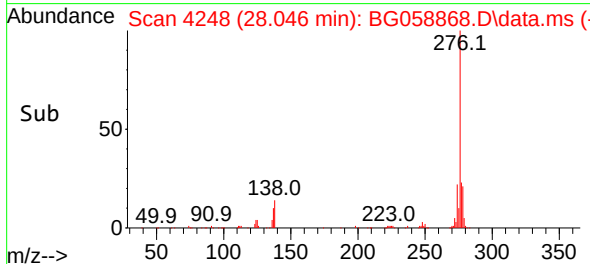
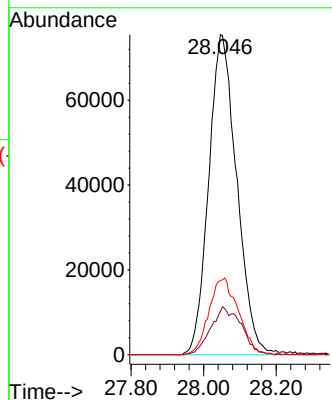
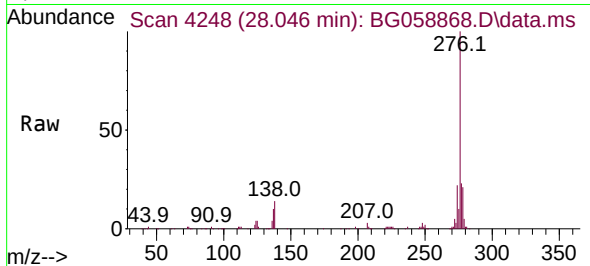




#87  
Indeno(1,2,3-cd)pyrene  
Concen: 49.070 ng  
RT: 28.046 min Scan# 41  
Delta R.T. -0.010 min  
Lab File: BG058868.D  
Acq: 28 Aug 2023 11:11

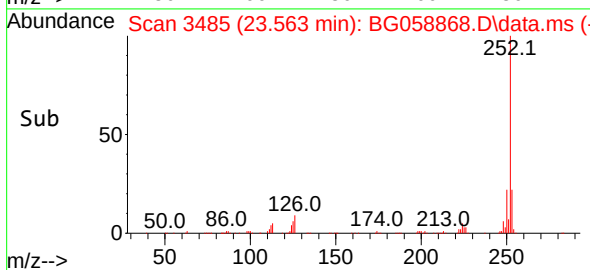
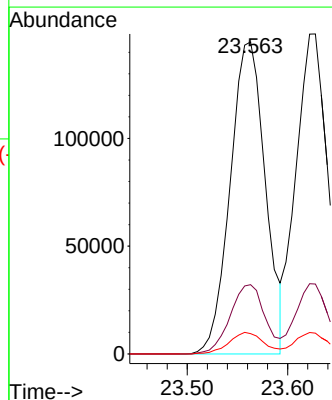
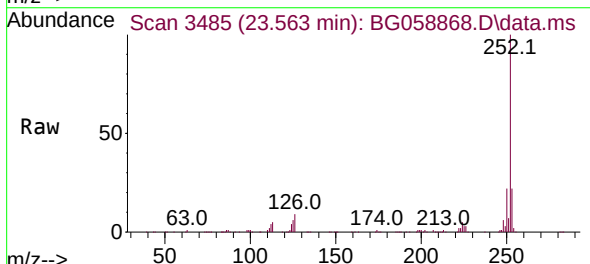
Instrument :  
BNA\_G  
ClientSampleId :  
PB155117BS

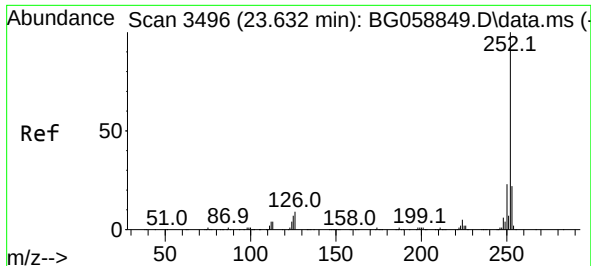
Tgt Ion:276 Resp: 404189  
Ion Ratio Lower Upper  
276 100  
138 16.1 6.2 9.2#  
277 25.1 20.4 30.6



#88  
Benzo(b)fluoranthene  
Concen: 52.094 ng  
RT: 23.563 min Scan# 3485  
Delta R.T. -0.004 min  
Lab File: BG058868.D  
Acq: 28 Aug 2023 11:11

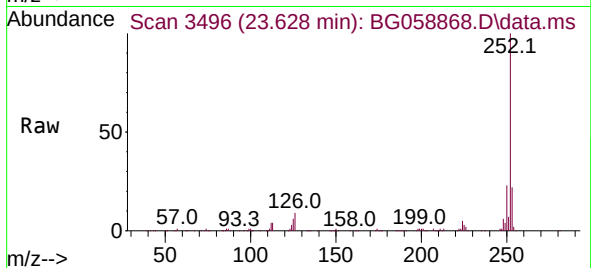
Tgt Ion:252 Resp: 351901  
Ion Ratio Lower Upper  
252 100  
253 22.2 18.4 27.6  
125 6.5 6.2 9.2



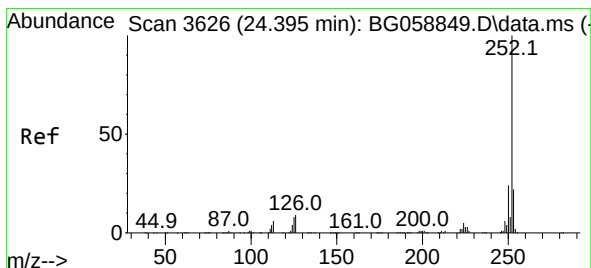
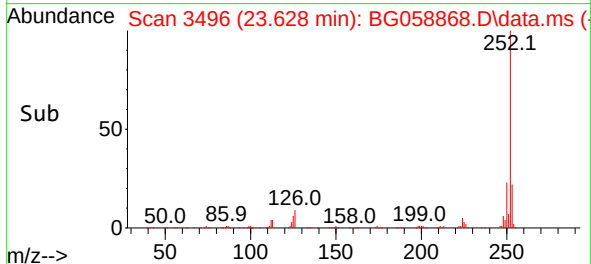
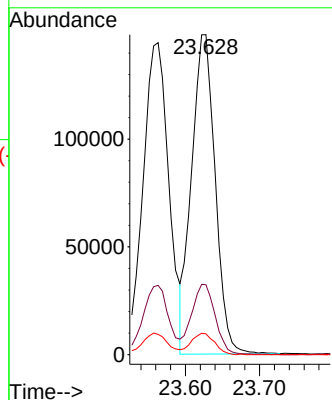


#89  
Benzo(k)fluoranthene  
Concen: 47.228 ng  
RT: 23.628 min Scan# 3496  
Delta R.T. -0.004 min  
Lab File: BG058868.D  
Acq: 28 Aug 2023 11:11

Instrument :  
BNA\_G  
ClientSampleId :  
PB155117BS

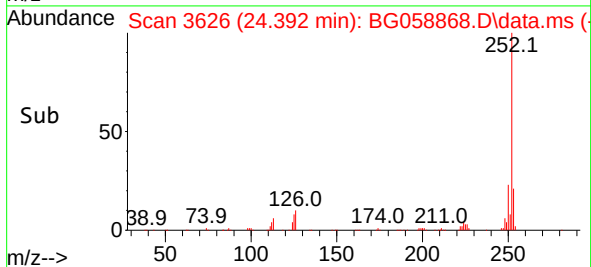
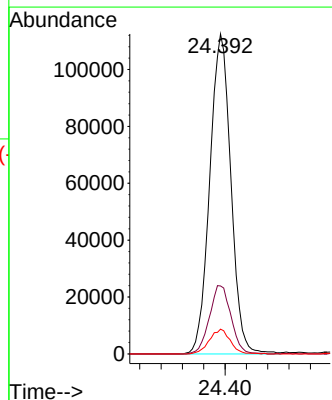
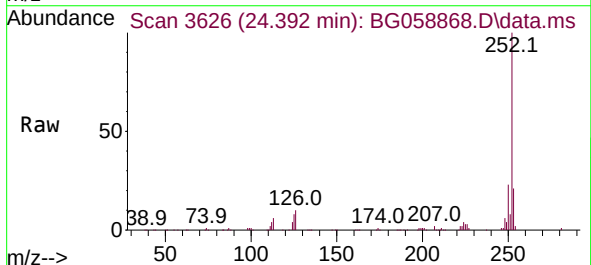


Tgt Ion:252 Resp: 329016  
Ion Ratio Lower Upper  
252 100  
253 21.8 17.6 26.4  
125 6.5 6.3 9.5

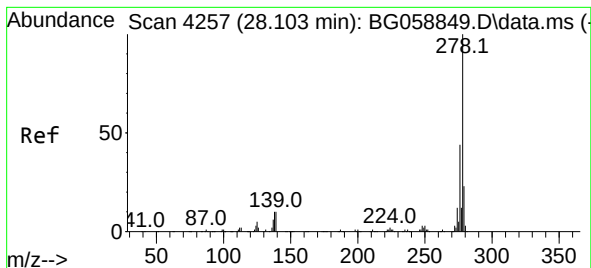


#90  
Benzo(a)pyrene  
Concen: 46.461 ng  
RT: 24.392 min Scan# 3626  
Delta R.T. -0.004 min  
Lab File: BG058868.D  
Acq: 28 Aug 2023 11:11

Tgt Ion:252 Resp: 309030  
Ion Ratio Lower Upper  
252 100  
253 21.2 17.5 26.3  
125 7.7 6.8 10.2







#91

Dibenzo(a,h)anthracene

Concen: 49.889 ng

RT: 28.099 min Scan# 41

Delta R.T. -0.004 min

Lab File: BG058868.D

Acq: 28 Aug 2023 11:11

Instrument :

BNA\_G

ClientSampleId :

PB155117BS

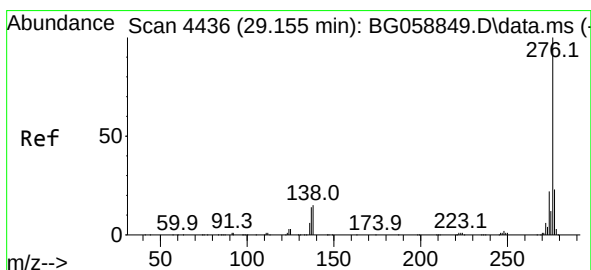
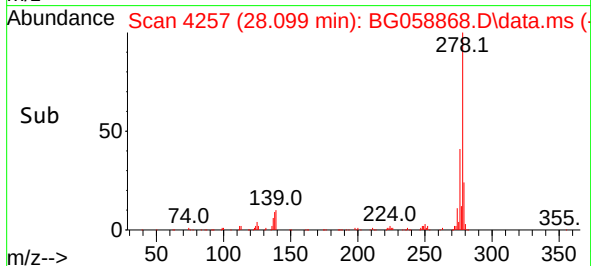
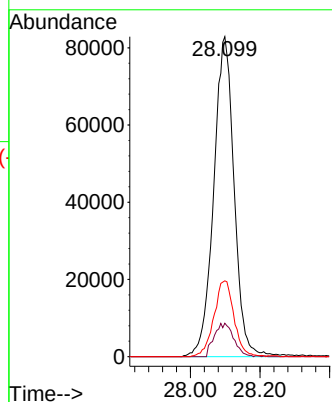
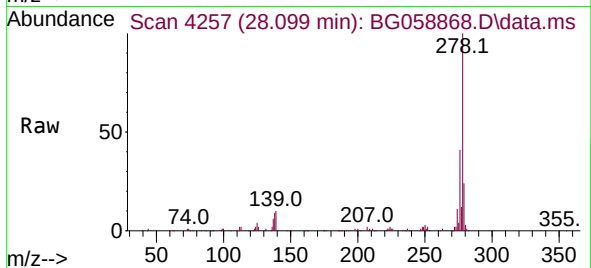
Tgt Ion:278 Resp: 337674

Ion Ratio Lower Upper

278 100

139 10.4 8.9 13.3

279 23.7 19.0 28.6



#92

Benzo(g,h,i)perylene

Concen: 48.546 ng

RT: 29.151 min Scan# 4436

Delta R.T. -0.004 min

Lab File: BG058868.D

Acq: 28 Aug 2023 11:11

Tgt Ion:276 Resp: 328522

Ion Ratio Lower Upper

276 100

277 23.5 17.8 26.6

138 13.5 11.1 16.7

