

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG012323\  
 Data File : BG056385.D  
 Acq On : 23 Jan 2023 15:42  
 Operator : CG/JU  
 Sample : 01237-04MSD  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 COMP-1-2-3AMSD

Quant Time: Jan 24 01:21:34 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG122722.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jan 19 00:31:30 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.299  | 152  | 35098    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 11.131 | 136  | 144563   | 20.000  | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 14.914 | 164  | 124492   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.652 | 188  | 330983   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 21.947 | 240  | 298390   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 25.379 | 264  | 315828   | 20.000  | ng    | -0.01    |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.819  | 112  | 275376   | 140.089 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.447  | 99   | 368358   | 122.021 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.474  | 82   | 245021   | 86.697  | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol      | 16.395 | 330  | 239910   | 152.162 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.539 | 172  | 802841   | 89.053  | ng    | 0.00     |
| 79) Terphenyl-d14             | 20.226 | 244  | 1637744  | 98.304  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.628  | 88   | 32003    | 35.643  | ng    | # 65     |
| 3) Pyridine                   | 4.056  | 79   | 83815    | 30.649  | ng    | # 93     |
| 4) n-Nitrosodimethylamine     | 3.957  | 42   | 22989    | 41.326  | ng    | 90       |
| 6) Aniline                    | 7.611  | 93   | 140325   | 35.446  | ng    | 98       |
| 8) 2-Chlorophenol             | 7.858  | 128  | 109500   | 55.979  | ng    | 95       |
| 9) Benzaldehyde               | 7.423  | 77   | 44006    | 24.516  | ng    | 96       |
| 10) Phenol                    | 7.470  | 94   | 128988   | 42.132  | ng    | 95       |
| 11) bis(2-Chloroethyl)ether   | 7.699  | 93   | 96240    | 46.388  | ng    | 94       |
| 12) 1,3-Dichlorobenzene       | 8.334  | 146  | 117385   | 49.307  | ng    | 92       |
| 13) 1,4-Dichlorobenzene       | 8.334  | 146  | 117385   | 49.102  | ng    | 95       |
| 14) 1,2-Dichlorobenzene       | 8.657  | 146  | 114297   | 49.549  | ng    | 99       |
| 15) Benzyl Alcohol            | 8.534  | 79   | 109319   | 49.757  | ng    | 99       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.821  | 45   | 21578    | 58.856  | ng    | # 81     |
| 17) 2-Methylphenol            | 8.739  | 107  | 109644   | 48.808  | ng    | 97       |
| 18) Hexachloroethane          | 9.397  | 117  | 34708    | 47.790  | ng    | 96       |
| 19) n-Nitroso-di-n-propyla... | 9.103  | 70   | 84790    | 46.190  | ng    | 95       |
| 20) 3+4-Methylphenols         | 9.068  | 107  | 151578   | 47.993  | ng    | 97       |
| 22) Acetophenone              | 9.127  | 105  | 186797   | 45.699  | ng    | 99       |
| 24) Nitrobenzene              | 9.521  | 77   | 119288   | 42.591  | ng    | 94       |
| 25) Isophorone                | 10.038 | 82   | 262243   | 44.102  | ng    | 96       |
| 26) 2-Nitrophenol             | 10.237 | 139  | 71009    | 49.553  | ng    | 93       |
| 27) 2,4-Dimethylphenol        | 10.279 | 122  | 130304   | 49.855  | ng    | 99       |
| 28) bis(2-Chloroethoxy)met... | 10.514 | 93   | 143892   | 46.559  | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 10.772 | 162  | 152624   | 52.819  | ng    | 98       |
| 30) 1,2,4-Trichlorobenzene    | 10.990 | 180  | 147629   | 45.021  | ng    | 98       |
| 31) Naphthalene               | 11.183 | 128  | 353864   | 46.511  | ng    | 99       |
| 32) Benzoic acid              | 10.279 | 122  | 130304   | 67.192  | ng    | # 13     |
| 33) 4-Chloroaniline           | 11.277 | 127  | 63465    | 17.472  | ng    | 95       |
| 34) Hexachlorobutadiene       | 11.454 | 225  | 98265    | 41.666  | ng    | 93       |
| 35) Caprolactam               | 12.059 | 113  | 34543    | 35.309  | ng    | 97       |
| 36) 4-Chloro-3-methylphenol   | 12.388 | 107  | 144254   | 49.198  | ng    | 98       |
| 37) 2-Methylnaphthalene       | 12.764 | 142  | 281026   | 43.746  | ng    | 99       |
| 38) 1-Methylnaphthalene       | 12.981 | 142  | 269245   | 45.134  | ng    | 98       |
| 40) 1,2,4,5-Tetrachloroben... | 13.128 | 216  | 208952   | 44.783  | ng    | 98       |
| 41) Hexachlorocyclopentadiene | 13.099 | 237  | 198822   | 74.741  | ng    | 97       |
| 43) 2,4,6-Trichlorophenol     | 13.357 | 196  | 149604   | 48.489  | ng    | 99       |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG012323\  
 Data File : BG056385.D  
 Acq On : 23 Jan 2023 15:42  
 Operator : CG/JU  
 Sample : 01237-04MSD  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

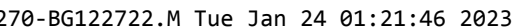
Instrument :  
 BNA\_G  
 ClientSampleId :  
 COMP-1-2-3AMSD

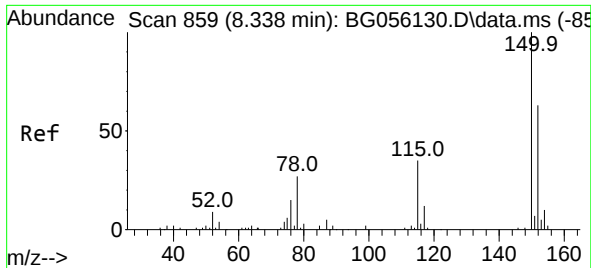
Quant Time: Jan 24 01:21:34 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG122722.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jan 19 00:31:30 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 13.440 | 196  | 161397   | 44.222 | ng    | 96       |
| 46) 1,1'-Biphenyl             | 13.751 | 154  | 424385   | 47.600 | ng    | 98       |
| 47) 2-Chloronaphthalene       | 13.804 | 162  | 335388   | 47.659 | ng    | 98       |
| 48) 2-Nitroaniline            | 13.998 | 65   | 74948    | 49.986 | ng    | 95       |
| 49) Acenaphthylene            | 14.644 | 152  | 528421   | 46.142 | ng    | 98       |
| 50) Dimethylphthalate         | 14.356 | 163  | 470340   | 46.801 | ng    | 98       |
| 51) 2,6-Dinitrotoluene        | 14.480 | 165  | 99861    | 46.633 | ng    | 97       |
| 52) Acenaphthene              | 14.979 | 154  | 319285   | 42.867 | ng    | 99       |
| 53) 3-Nitroaniline            | 14.814 | 138  | 65401    | 32.091 | ng    | 94       |
| 54) 2,4-Dinitrophenol         | 15.026 | 184  | 39426    | 25.772 | ng    | 91       |
| 55) Dibenzofuran              | 15.308 | 168  | 562434   | 45.632 | ng    | 97       |
| 56) 4-Nitrophenol             | 15.120 | 139  | 127249   | 81.184 | ng    | 84       |
| 57) 2,4-Dinitrotoluene        | 15.267 | 165  | 148051   | 49.436 | ng    | # 88     |
| 58) Fluorene                  | 15.954 | 166  | 456904   | 46.089 | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol | 15.449 | 232  | 154295   | 45.025 | ng    | 98       |
| 60) Diethylphthalate          | 15.702 | 149  | 437266   | 46.396 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 15.937 | 204  | 277211   | 44.807 | ng    | 98       |
| 62) 4-Nitroaniline            | 15.972 | 138  | 97462    | 46.686 | ng    | 91       |
| 63) Azobenzene                | 16.230 | 77   | 322875   | 44.394 | ng    | 97       |
| 65) 4,6-Dinitro-2-methylph... | 16.031 | 198  | 52901    | 23.723 | ng    | 96       |
| 66) n-Nitrosodiphenylamine    | 16.148 | 169  | 426031   | 46.392 | ng    | 97       |
| 67) 4-Bromophenyl-phenylether | 16.830 | 248  | 192215   | 45.605 | ng    | 98       |
| 68) Hexachlorobenzene         | 16.959 | 284  | 193752   | 49.272 | ng    | 98       |
| 69) Atrazine                  | 17.082 | 200  | 185151   | 48.648 | ng    | 99       |
| 70) Pentachlorophenol         | 17.300 | 266  | 206684   | 68.424 | ng    | 99       |
| 71) Phenanthrene              | 17.693 | 178  | 787774   | 45.927 | ng    | 99       |
| 72) Anthracene                | 17.787 | 178  | 805607   | 45.530 | ng    | 99       |
| 73) Carbazole                 | 18.052 | 167  | 713042   | 47.942 | ng    | 99       |
| 74) Di-n-butylphthalate       | 18.575 | 149  | 727915   | 49.096 | ng    | 99       |
| 75) Fluoranthene              | 19.685 | 202  | 962022   | 42.997 | ng    | 99       |
| 77) Benzidine                 | 19.850 | 184  | 302973   | 28.974 | ng    | 98       |
| 78) Pyrene                    | 20.044 | 202  | 982155   | 46.698 | ng    | 99       |
| 80) Butylbenzylphthalate      | 20.901 | 149  | 281995   | 46.736 | ng    | 97       |
| 81) Benzo(a)anthracene        | 21.924 | 228  | 937277   | 44.722 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 21.824 | 252  | 194620   | 25.796 | ng    | 99       |
| 83) Chrysene                  | 21.994 | 228  | 877160   | 44.681 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 21.783 | 149  | 400617   | 46.085 | ng    | 99       |
| 85) Di-n-octyl phthalate      | 23.058 | 149  | 679249   | 46.285 | ng    | 100      |
| 87) Indeno(1,2,3-cd)pyrene    | 29.344 | 276  | 1079304  | 46.990 | ng    | # 97     |
| 88) Benzo(b)fluoranthene      | 24.280 | 252  | 959092   | 47.796 | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 24.356 | 252  | 950975   | 47.591 | ng    | 98       |
| 90) Benzo(a)pyrene            | 25.220 | 252  | 852639   | 43.564 | ng    | # 99     |
| 91) Dibenzo(a,h)anthracene    | 29.403 | 278  | 916589   | 47.597 | ng    | 98       |
| 92) Benzo(g,h,i)perylene      | 30.590 | 276  | 869216   | 46.546 | ng    | 100      |

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

Quant Time: Jan 24 01:21:34 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG122722.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Jan 19 00:31:30 2023  
Response via : Initial Calibration

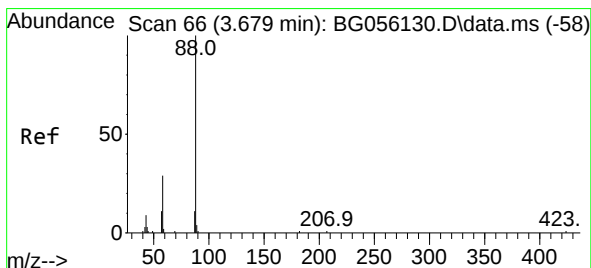
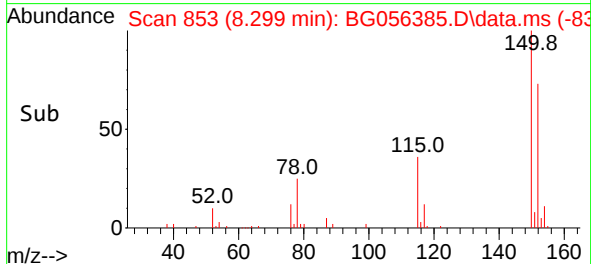
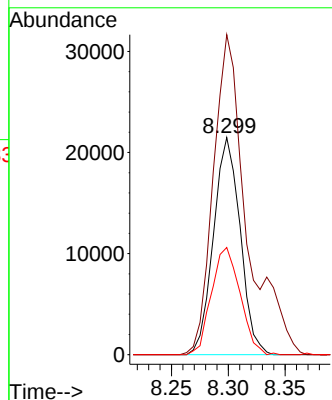
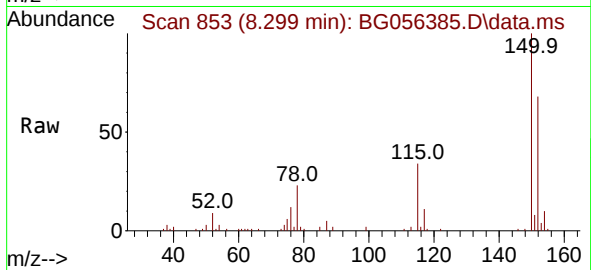




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.299 min Scan# 81  
Delta R.T. -0.007 min  
Lab File: BG056385.D  
Acq: 23 Jan 2023 15:42

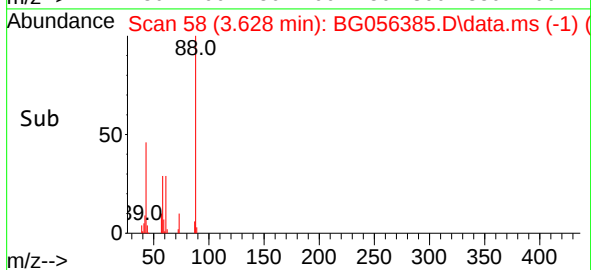
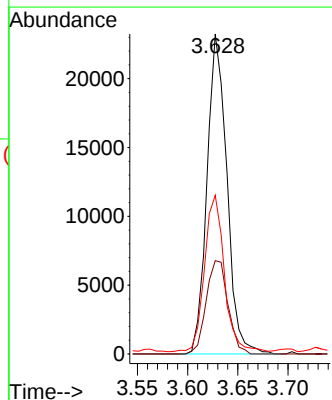
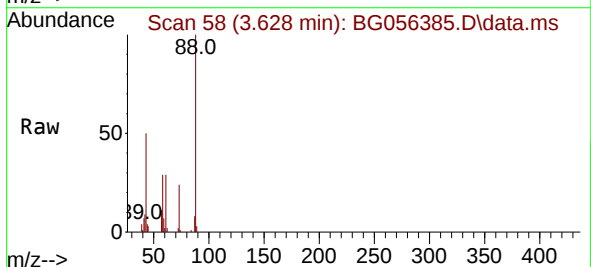
Instrument :  
BNA\_G  
ClientSampleId :  
COMP-1-2-3AMSD

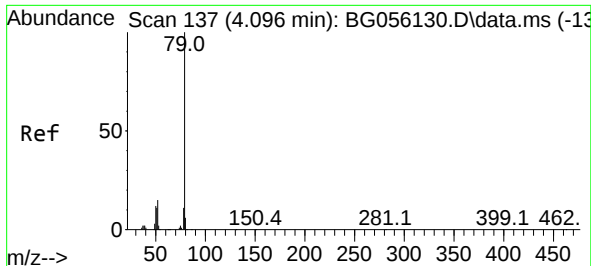
Tgt Ion:152 Resp: 35098  
Ion Ratio Lower Upper  
152 100  
150 147.4 127.9 191.9  
115 49.4 44.2 66.2



#2  
1,4-Dioxane  
Concen: 35.643 ng  
RT: 3.628 min Scan# 58  
Delta R.T. -0.007 min  
Lab File: BG056385.D  
Acq: 23 Jan 2023 15:42

Tgt Ion: 88 Resp: 32003  
Ion Ratio Lower Upper  
88 100  
58 31.8 21.4 32.0  
43 48.6 7.1 10.7#

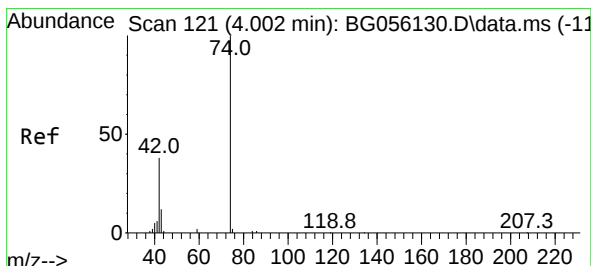
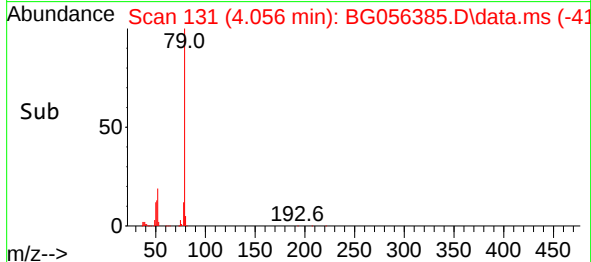
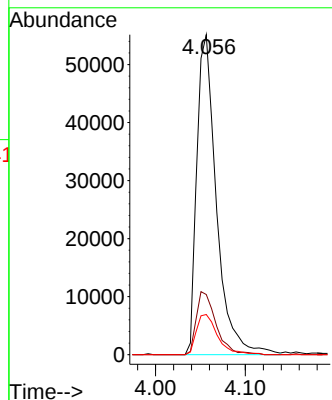
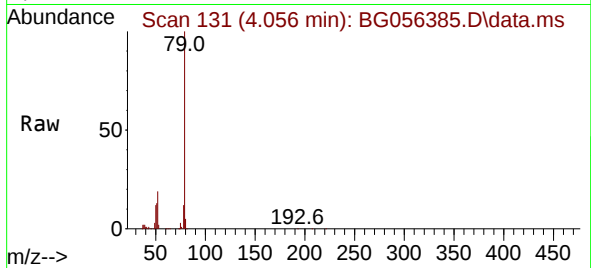




#3  
Pyridine  
Concen: 30.649 ng  
RT: 4.056 min Scan# 11  
Delta R.T. -0.002 min  
Lab File: BG056385.D  
Acq: 23 Jan 2023 15:42

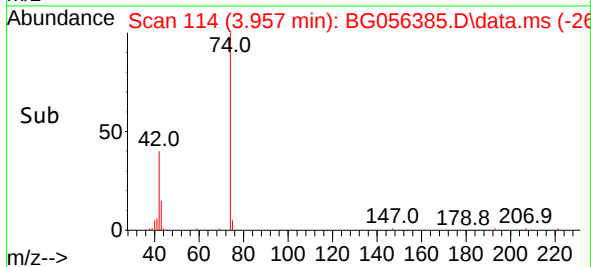
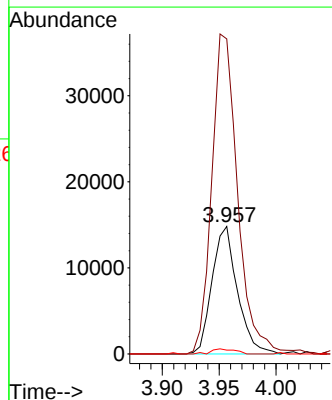
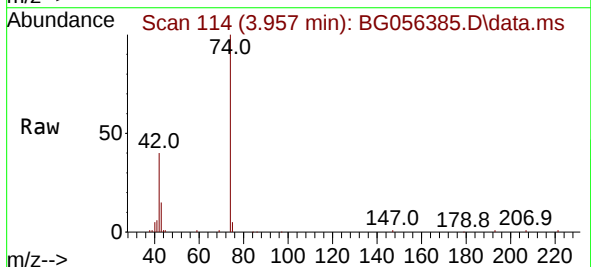
Instrument :  
BNA\_G  
ClientSampleId :  
COMP-1-2-3AMSD

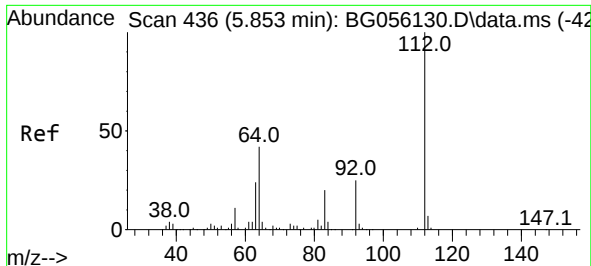
Tgt Ion: 79 Resp: 83815  
Ion Ratio Lower Upper  
79 100  
52 18.8 11.8 17.6#  
51 12.6 8.8 13.2



#4  
n-Nitrosodimethylamine  
Concen: 41.326 ng  
RT: 3.957 min Scan# 114  
Delta R.T. -0.013 min  
Lab File: BG056385.D  
Acq: 23 Jan 2023 15:42

Tgt Ion: 42 Resp: 22989  
Ion Ratio Lower Upper  
42 100  
74 247.2 212.6 319.0  
44 3.1 2.6 3.8

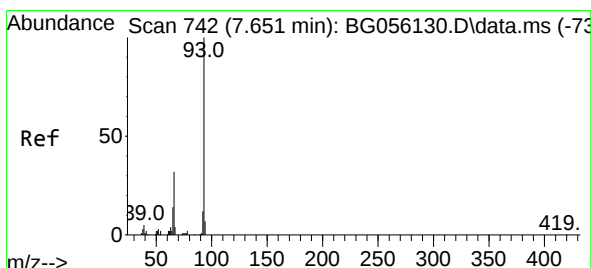
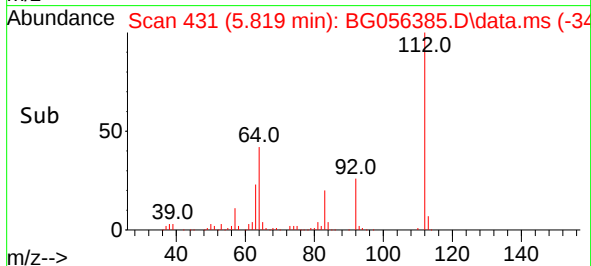
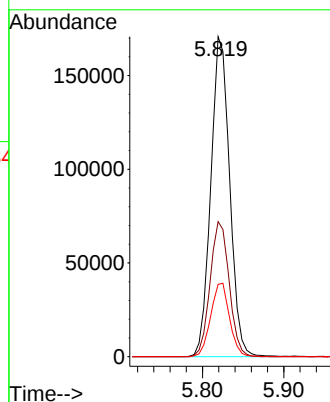
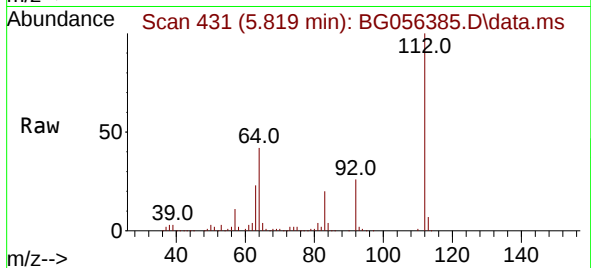




#5  
2-Fluorophenol  
Concen: 140.089 ng  
RT: 5.819 min Scan# 411  
Delta R.T. -0.007 min  
Lab File: BG056385.D  
Acq: 23 Jan 2023 15:42

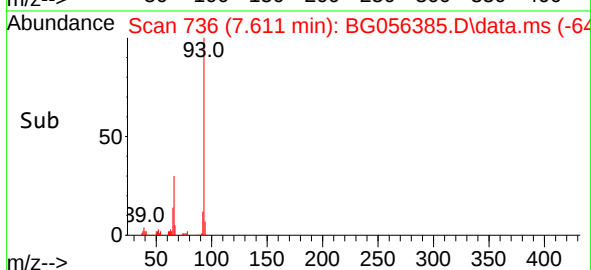
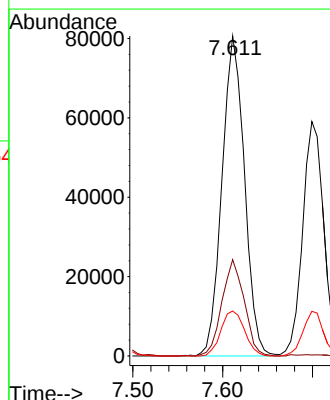
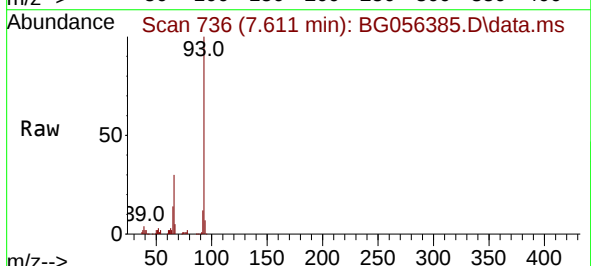
Instrument :  
BNA\_G  
ClientSampleId :  
COMP-1-2-3AMSD

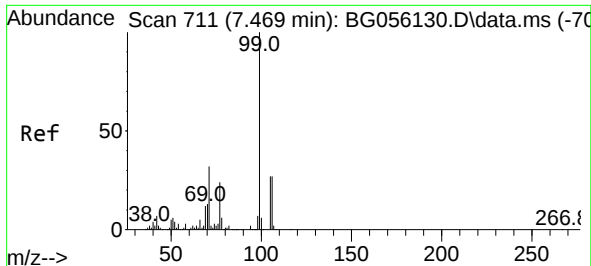
Tgt Ion:112 Resp: 275376  
Ion Ratio Lower Upper  
112 100  
64 42.2 33.3 49.9  
63 22.6 19.0 28.4



#6  
Aniline  
Concen: 35.446 ng  
RT: 7.611 min Scan# 736  
Delta R.T. -0.013 min  
Lab File: BG056385.D  
Acq: 23 Jan 2023 15:42

Tgt Ion: 93 Resp: 140325  
Ion Ratio Lower Upper  
93 100  
66 30.1 25.4 38.2  
65 14.0 11.4 17.2

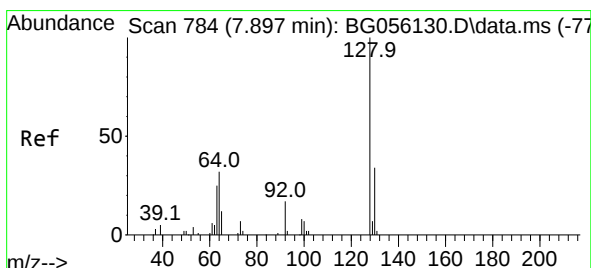
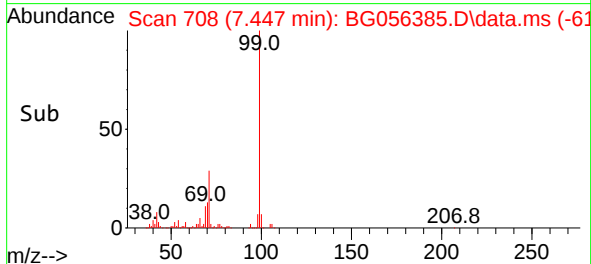
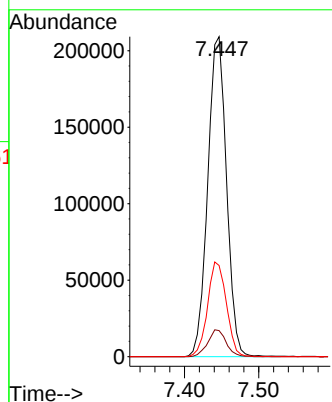
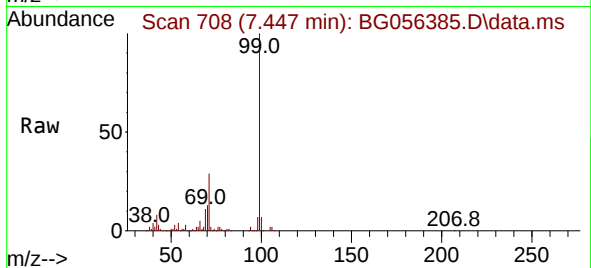




#7  
Phenol-d6  
Concen: 122.021 ng  
RT: 7.447 min Scan# 708  
Delta R.T. -0.001 min  
Lab File: BG056385.D  
Acq: 23 Jan 2023 15:42

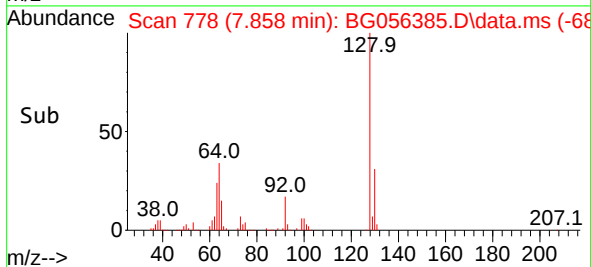
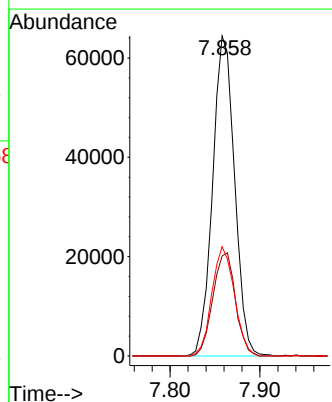
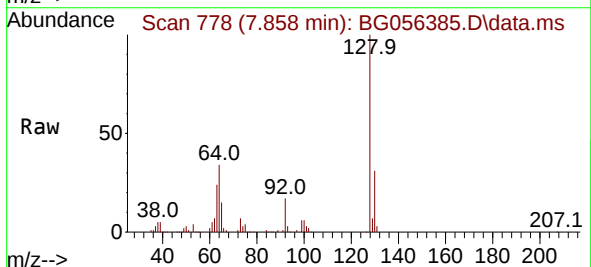
Instrument :  
BNA\_G  
ClientSampleId :  
COMP-1-2-3AMSD

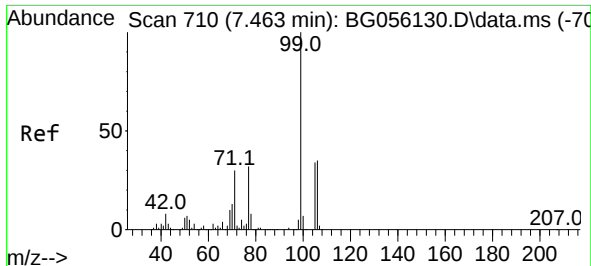
Tgt Ion: 99 Resp: 368358  
Ion Ratio Lower Upper  
99 100  
42 8.2 5.9 8.9  
71 28.5 25.4 38.2



#8  
2-Chlorophenol  
Concen: 55.979 ng  
RT: 7.858 min Scan# 778  
Delta R.T. -0.007 min  
Lab File: BG056385.D  
Acq: 23 Jan 2023 15:42

Tgt Ion: 128 Resp: 109500  
Ion Ratio Lower Upper  
128 100  
130 31.3 13.5 53.5  
64 34.1 18.0 58.0

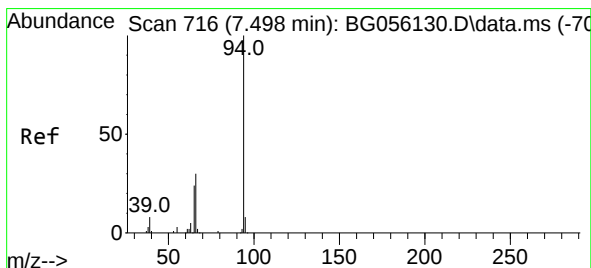
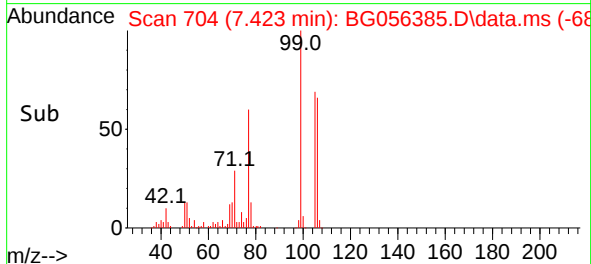
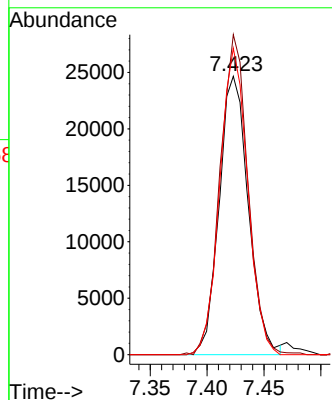
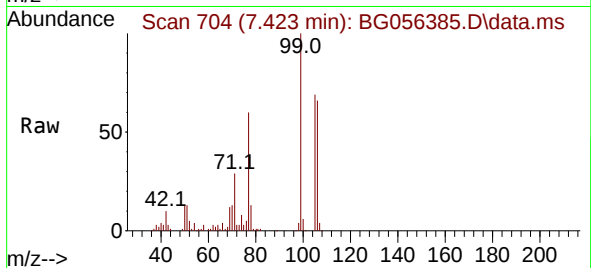




#9  
Benzaldehyde  
Concen: 24.516 ng  
RT: 7.423 min Scan# 704  
Delta R.T. -0.007 min  
Lab File: BG056385.D  
Acq: 23 Jan 2023 15:42

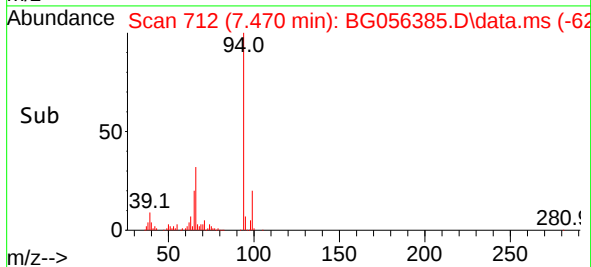
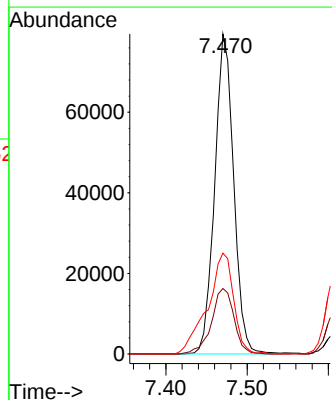
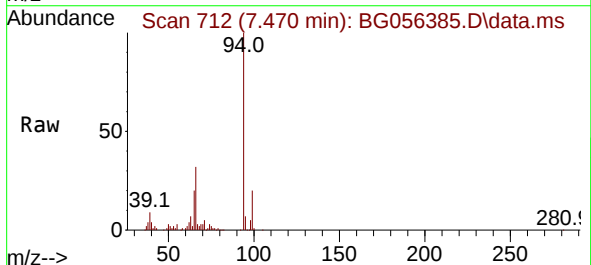
Instrument :  
BNA\_G  
ClientSampleId :  
COMP-1-2-3AMSD

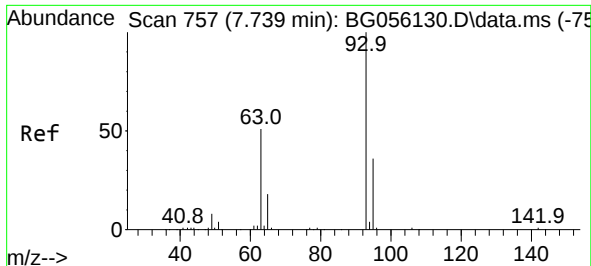
Tgt Ion: 77 Resp: 44006  
Ion Ratio Lower Upper  
77 100  
105 114.9 86.8 126.8  
106 110.1 89.3 129.3



#10  
Phenol  
Concen: 42.132 ng  
RT: 7.470 min Scan# 712  
Delta R.T. -0.007 min  
Lab File: BG056385.D  
Acq: 23 Jan 2023 15:42

Tgt Ion: 94 Resp: 128988  
Ion Ratio Lower Upper  
94 100  
65 20.5 4.3 44.3  
66 31.5 13.2 53.2

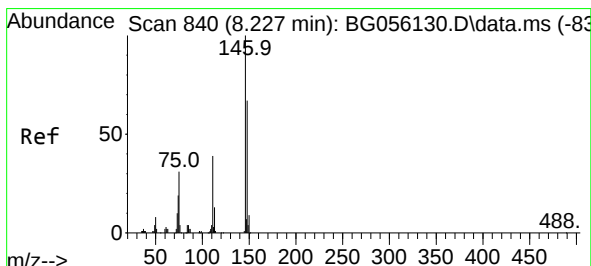
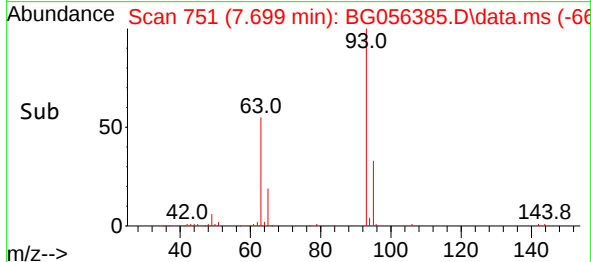
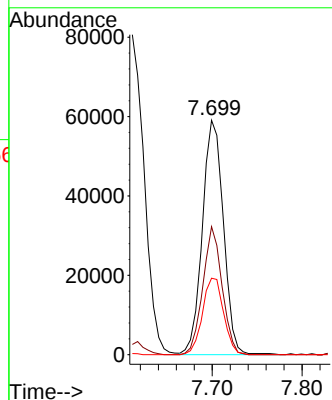
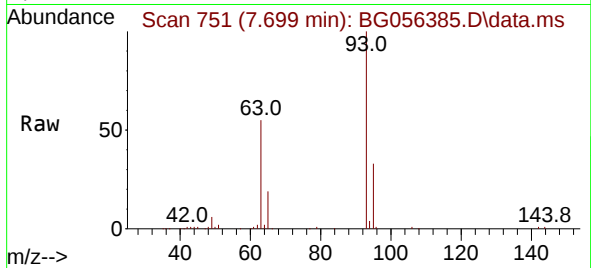




#11  
bis(2-Chloroethyl)ether  
Concen: 46.388 ng  
RT: 7.699 min Scan# 711  
Delta R.T. -0.013 min  
Lab File: BG056385.D  
Acq: 23 Jan 2023 15:42

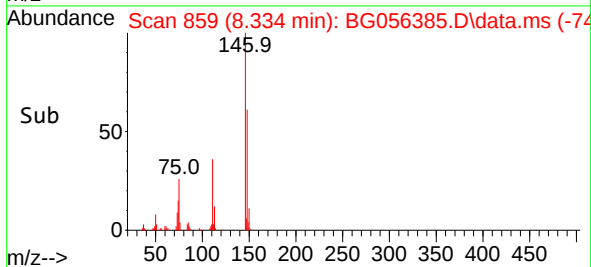
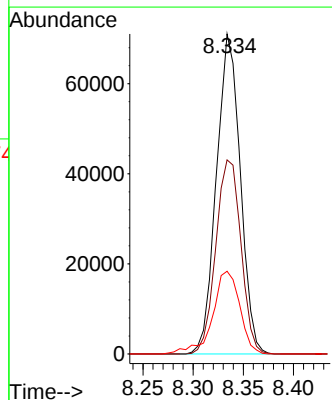
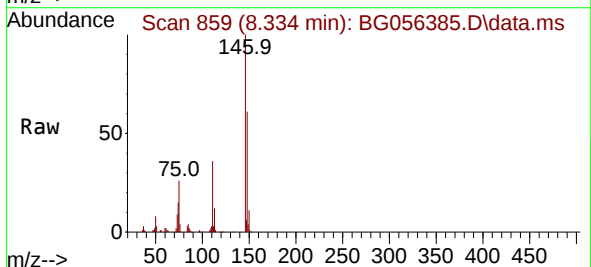
Instrument :  
BNA\_G  
ClientSampleId :  
COMP-1-2-3AMSD

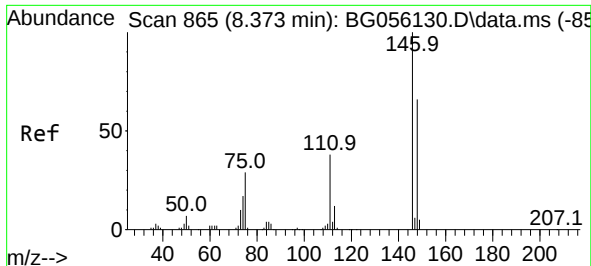
Tgt Ion: 93 Resp: 96240  
Ion Ratio Lower Upper  
93 100  
63 54.6 30.5 70.5  
95 32.6 15.9 55.9



#12  
1,3-Dichlorobenzene  
Concen: 49.307 ng  
RT: 8.334 min Scan# 859  
Delta R.T. 0.139 min  
Lab File: BG056385.D  
Acq: 23 Jan 2023 15:42

Tgt Ion: 146 Resp: 117385  
Ion Ratio Lower Upper  
146 100  
148 60.7 53.5 80.3  
75 25.9 24.8 37.2

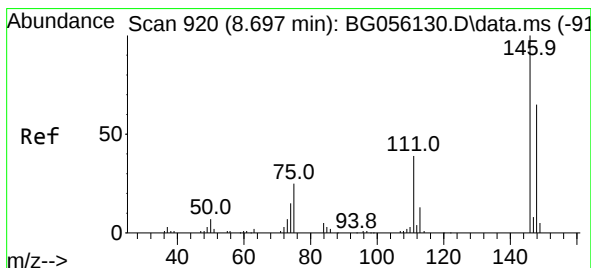
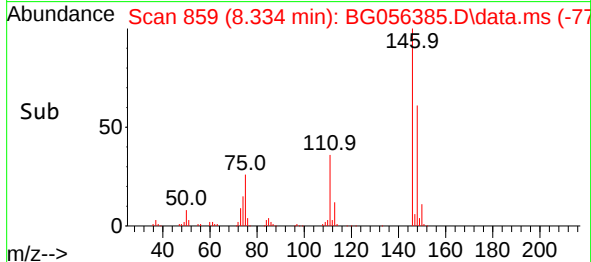
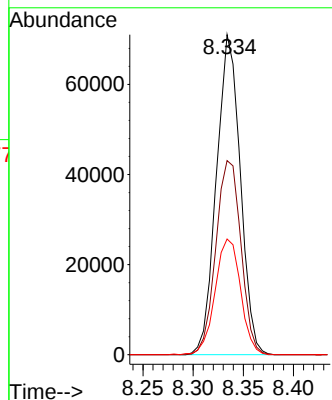
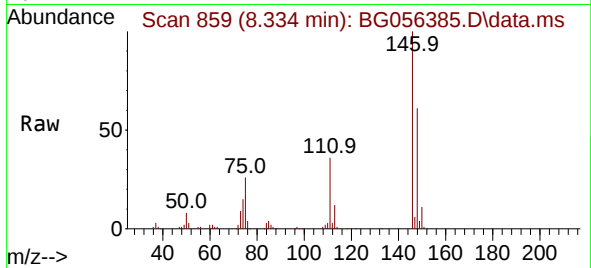




#13  
1,4-Dichlorobenzene  
Concen: 49.102 ng  
RT: 8.334 min Scan# 811  
Delta R.T. -0.013 min  
Lab File: BG056385.D  
Acq: 23 Jan 2023 15:42

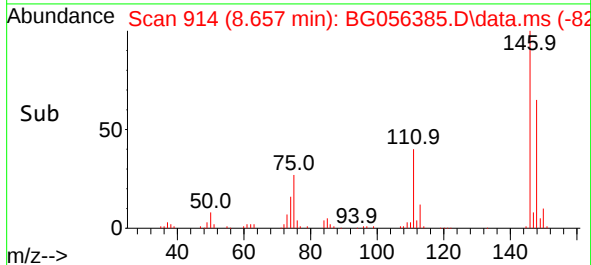
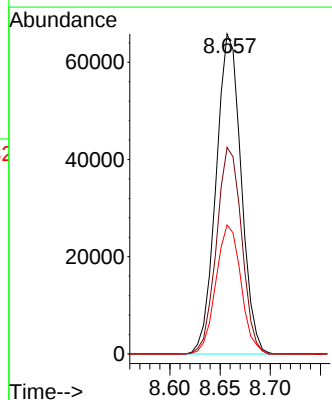
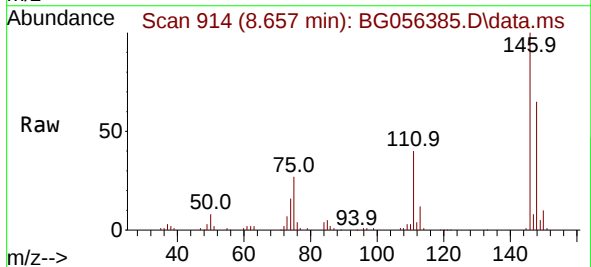
Instrument :  
BNA\_G  
ClientSampleId :  
COMP-1-2-3AMSD

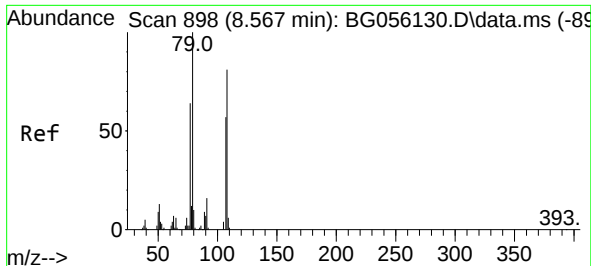
Tgt Ion:146 Resp: 117385  
Ion Ratio Lower Upper  
146 100  
148 60.7 52.8 79.2  
111 36.1 30.5 45.7



#14  
1,2-Dichlorobenzene  
Concen: 49.549 ng  
RT: 8.657 min Scan# 914  
Delta R.T. -0.013 min  
Lab File: BG056385.D  
Acq: 23 Jan 2023 15:42

Tgt Ion:146 Resp: 114297  
Ion Ratio Lower Upper  
146 100  
148 64.6 51.7 77.5  
111 40.3 31.5 47.3

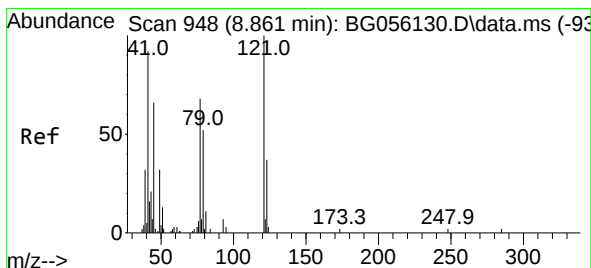
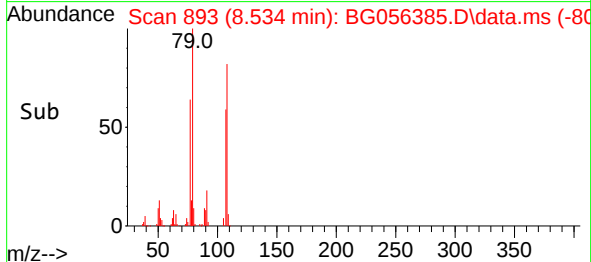
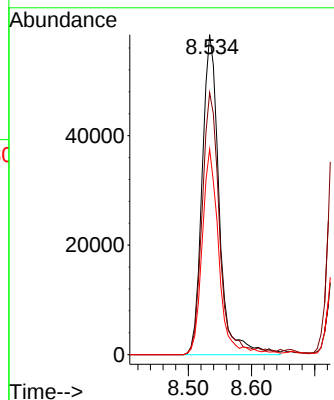
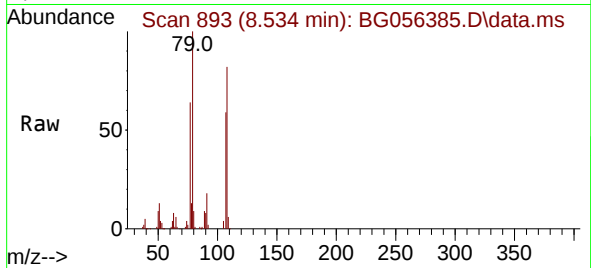




#15  
Benzyl Alcohol  
Concen: 49.757 ng  
RT: 8.534 min Scan# 898  
Delta R.T. -0.007 min  
Lab File: BG056385.D  
Acq: 23 Jan 2023 15:42

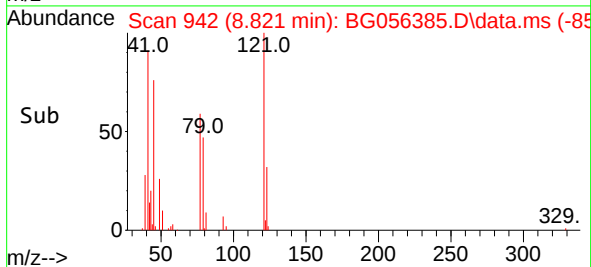
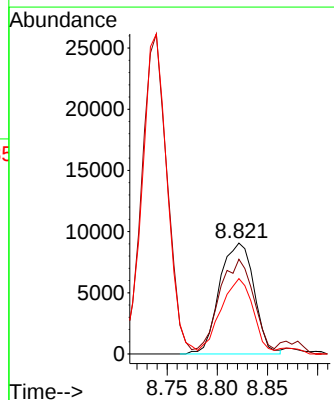
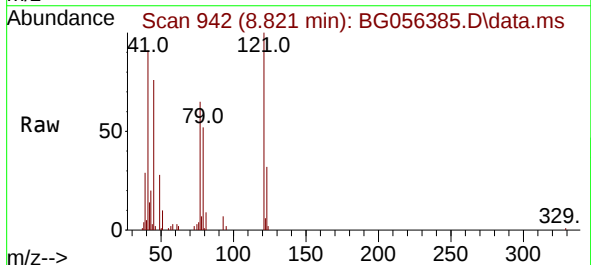
Instrument :  
BNA\_G  
ClientSampleId :  
COMP-1-2-3AMSD

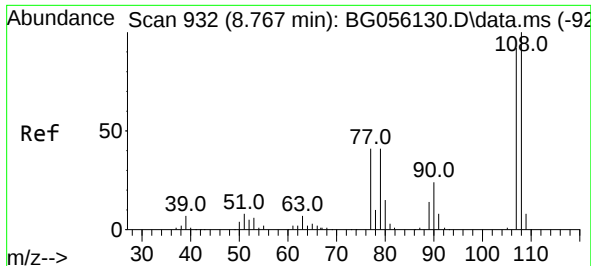
Tgt Ion: 79 Resp: 109319  
Ion Ratio Lower Upper  
79 100  
108 81.9 64.7 97.1  
77 64.3 51.5 77.3



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 58.856 ng  
RT: 8.821 min Scan# 942  
Delta R.T. -0.007 min  
Lab File: BG056385.D  
Acq: 23 Jan 2023 15:42

Tgt Ion: 45 Resp: 21578  
Ion Ratio Lower Upper  
45 100  
77 85.4 88.2 128.2#  
79 67.9 61.2 101.2



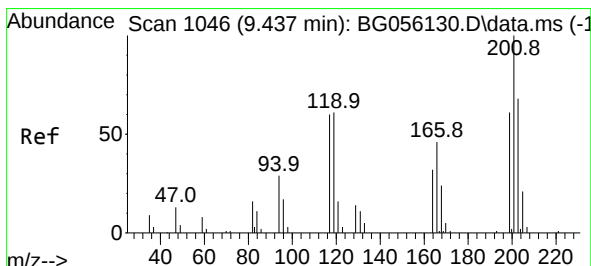
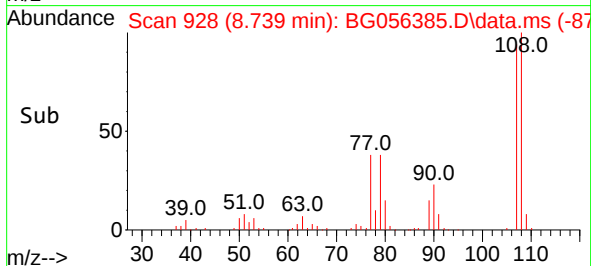
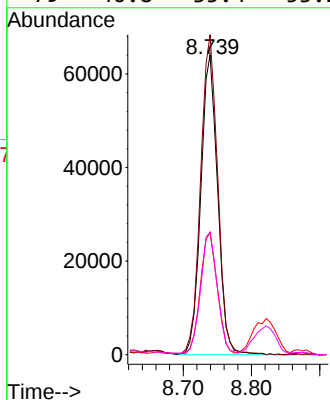
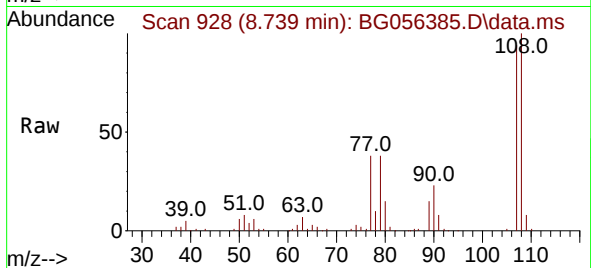


#17  
2-Methylphenol  
Concen: 48.808 ng  
RT: 8.739 min Scan# 91  
Delta R.T. -0.002 min  
Lab File: BG056385.D  
Acq: 23 Jan 2023 15:42

Instrument :  
BNA\_G  
ClientSampleId :  
COMP-1-2-3AMSD

Tgt Ion:107 Resp: 109644

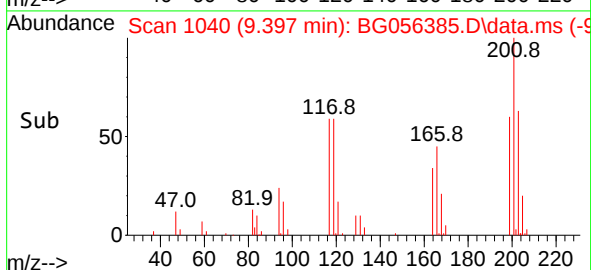
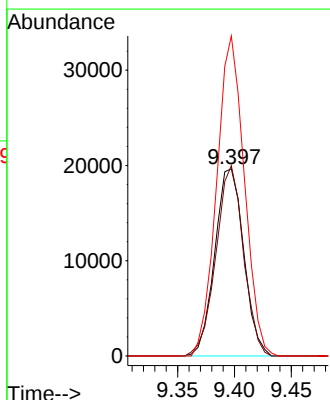
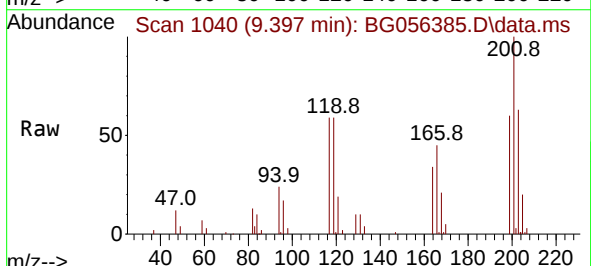
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 107 | 100   |       |       |
| 108 | 106.7 | 86.6  | 129.8 |
| 77  | 40.8  | 35.4  | 53.2  |
| 79  | 40.8  | 35.4  | 53.2  |

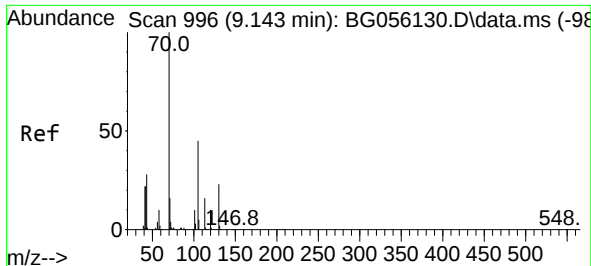


#18  
Hexachloroethane  
Concen: 47.790 ng  
RT: 9.397 min Scan# 1040  
Delta R.T. -0.007 min  
Lab File: BG056385.D  
Acq: 23 Jan 2023 15:42

Tgt Ion:117 Resp: 34708

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 117 | 100   |       |       |
| 119 | 101.6 | 81.8  | 122.6 |
| 201 | 175.5 | 134.2 | 201.2 |

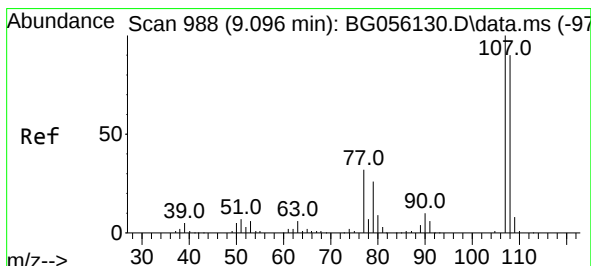
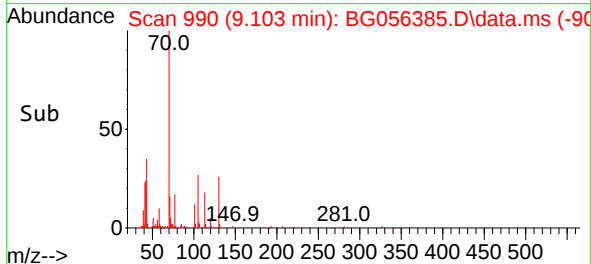
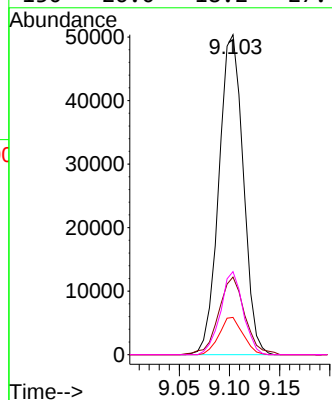
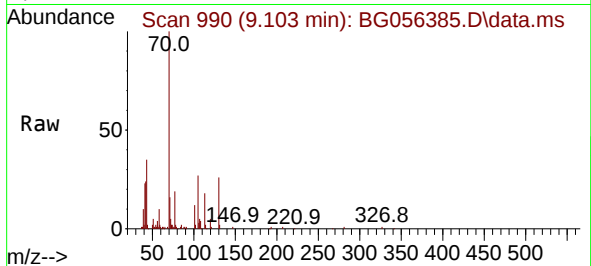




#19  
n-Nitroso-di-n-propylamine  
Concen: 46.190 ng  
RT: 9.103 min Scan# 91  
Delta R.T. -0.007 min  
Lab File: BG056385.D  
Acq: 23 Jan 2023 15:42

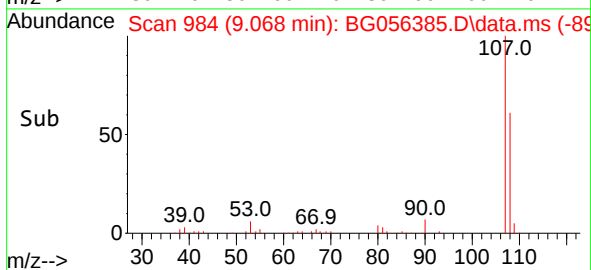
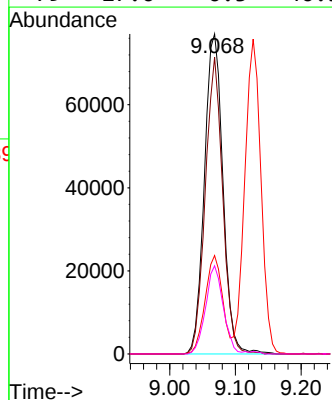
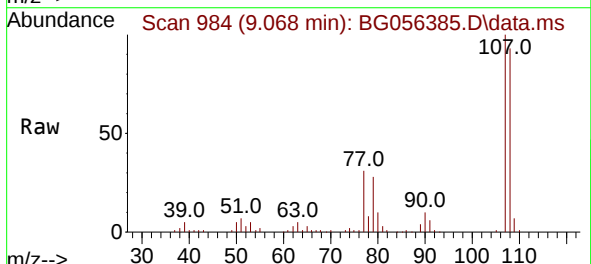
Instrument :  
BNA\_G  
ClientSampleId :  
COMP-1-2-3AMSD

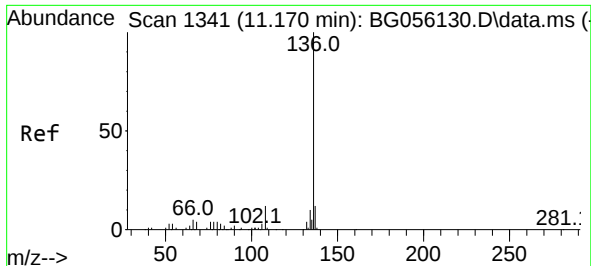
|             |             |
|-------------|-------------|
| Tgt Ion: 70 | Resp: 84790 |
| Ion Ratio   | Lower Upper |
| 70 100      |             |
| 42 24.3     | 18.2 27.2   |
| 101 11.7    | 8.3 12.5    |
| 130 26.0    | 18.2 27.4   |



#20  
3+4-Methylphenols  
Concen: 47.993 ng  
RT: 9.068 min Scan# 984  
Delta R.T. -0.001 min  
Lab File: BG056385.D  
Acq: 23 Jan 2023 15:42

|     |         |       |        |
|-----|---------|-------|--------|
| Tgt | Ion:107 | Resp: | 151578 |
| Ion | Ratio   | Lower | Upper  |
| 107 | 100     |       |        |
| 108 | 92.8    | 69.6  | 109.6  |
| 77  | 30.8    | 11.7  | 51.7   |
| 79  | 27.6    | 6.3   | 46.3   |

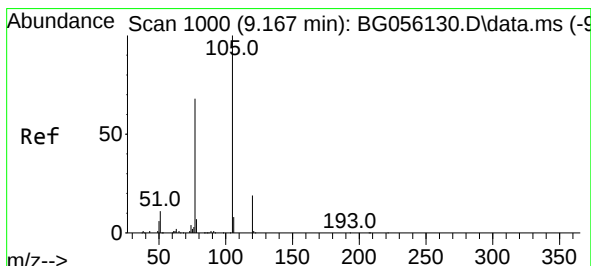
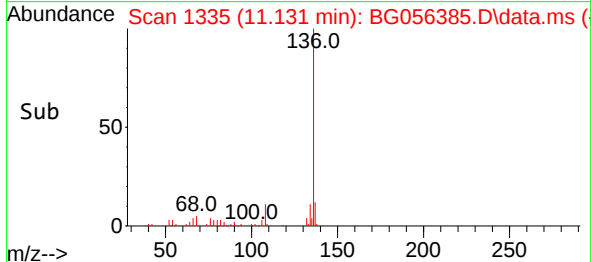
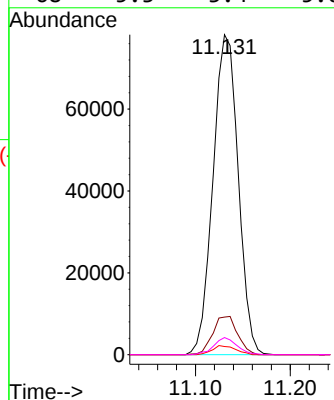
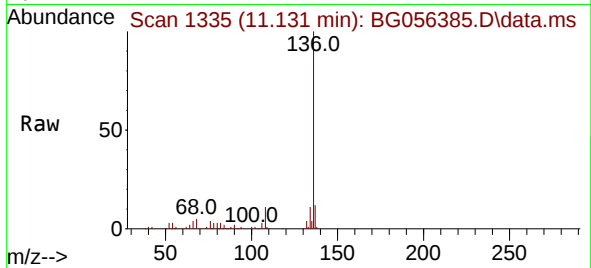




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 11.131 min Scan# 11  
Delta R.T. -0.007 min  
Lab File: BG056385.D  
Acq: 23 Jan 2023 15:42

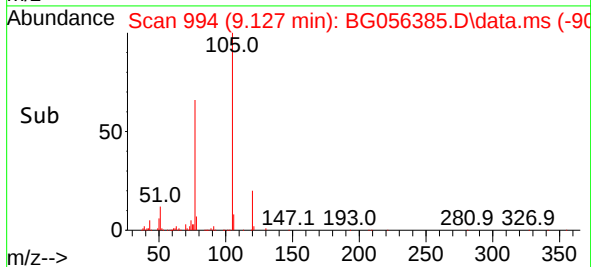
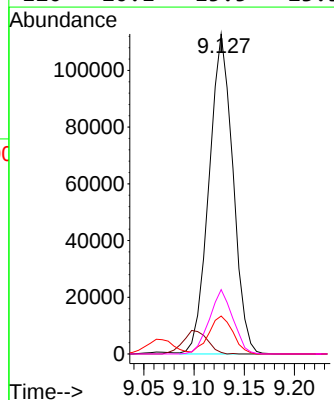
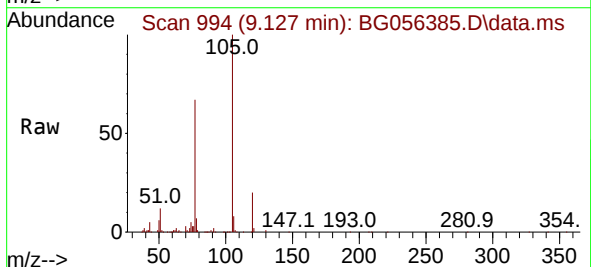
Instrument :  
BNA\_G  
ClientSampleId :  
COMP-1-2-3AMSD

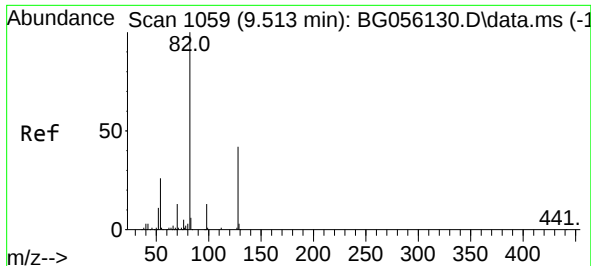
Tgt Ion:136 Resp: 144563  
Ion Ratio Lower Upper  
136 100  
137 11.8 9.4 14.0  
54 2.6 2.2 3.2  
68 5.3 3.4 5.0#



#22  
Acetophenone  
Concen: 45.699 ng  
RT: 9.127 min Scan# 994  
Delta R.T. -0.007 min  
Lab File: BG056385.D  
Acq: 23 Jan 2023 15:42

Tgt Ion:105 Resp: 186797  
Ion Ratio Lower Upper  
105 100  
71 0.5 0.5 0.7  
51 11.8 9.3 13.9  
120 20.1 15.5 23.3





#23

Nitrobenzene-d5

Concen: 86.697 ng

RT: 9.474 min Scan# 1053

Delta R.T. -0.013 min

Lab File: BG056385.D

Acq: 23 Jan 2023 15:42

Instrument :

BNA\_G

ClientSampleId :

COMP-1-2-3AMSD

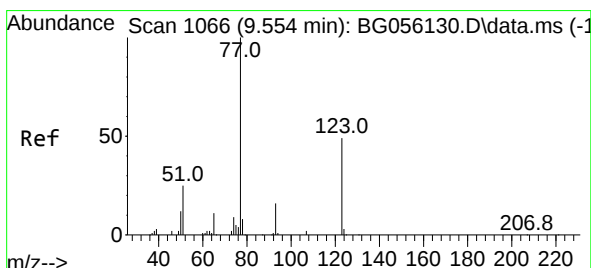
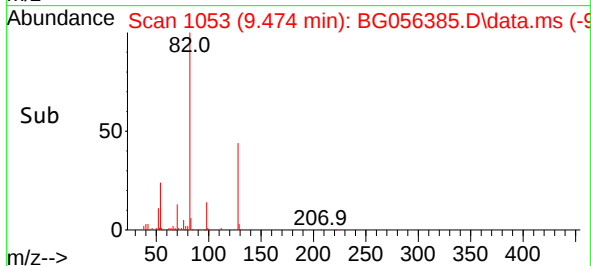
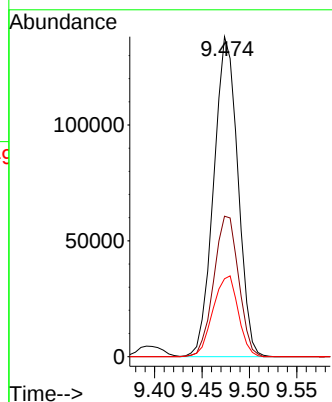
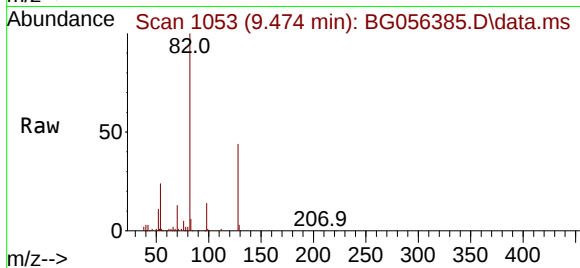
Tgt Ion: 82 Resp: 245021

Ion Ratio Lower Upper

82 100

128 43.9 33.4 50.2

54 24.3 20.3 30.5



#24

Nitrobenzene

Concen: 42.591 ng

RT: 9.521 min Scan# 1061

Delta R.T. -0.007 min

Lab File: BG056385.D

Acq: 23 Jan 2023 15:42

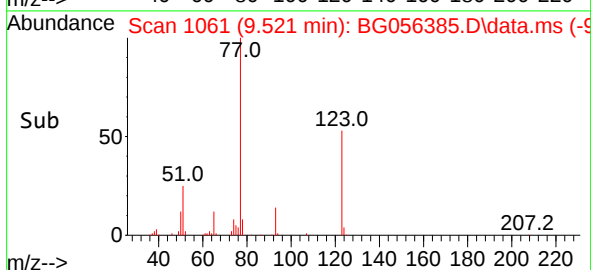
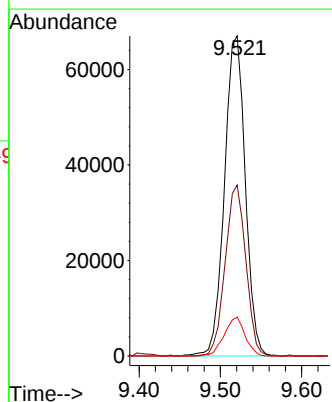
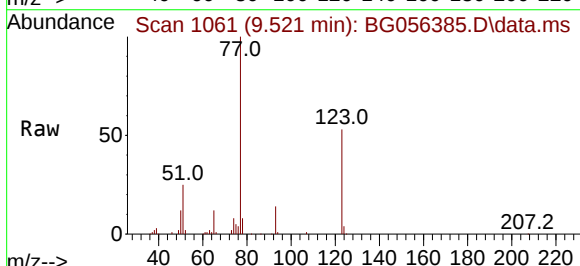
Tgt Ion: 77 Resp: 119288

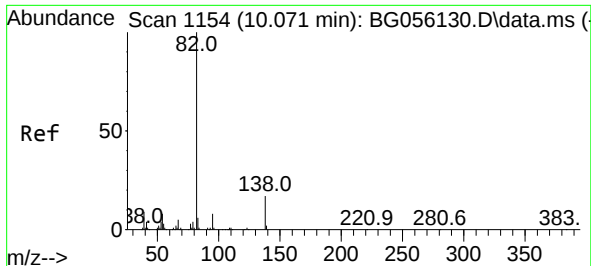
Ion Ratio Lower Upper

77 100

123 53.5 38.8 58.2

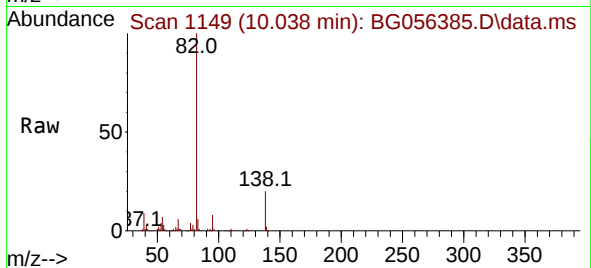
65 12.1 9.1 13.7



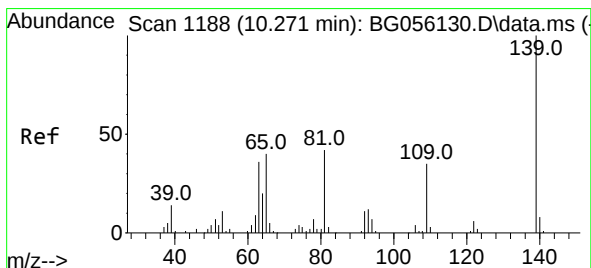
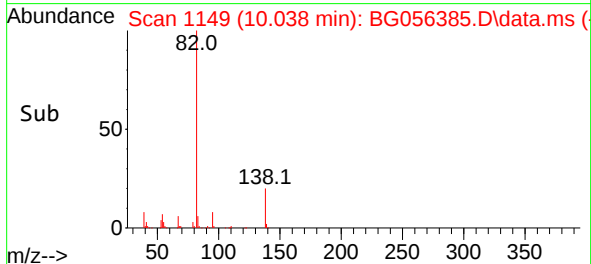
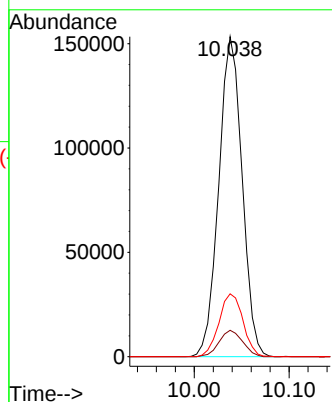


#25  
Isophorone  
Concen: 44.102 ng  
RT: 10.038 min Scan# 1149  
Delta R.T. -0.007 min  
Lab File: BG056385.D  
Acq: 23 Jan 2023 15:42

Instrument :  
BNA\_G  
ClientSampleId :  
COMP-1-2-3AMSD

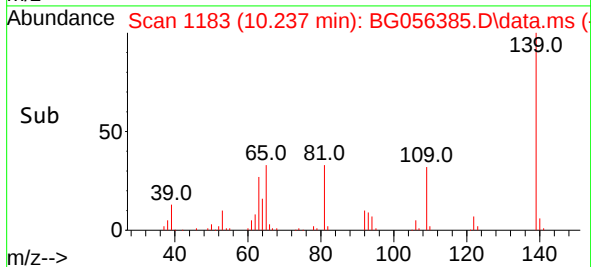
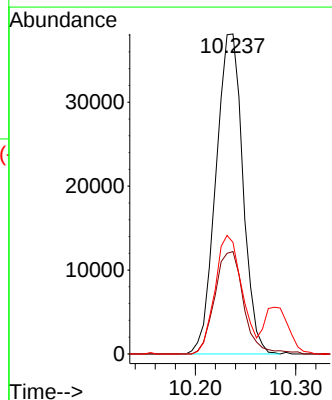
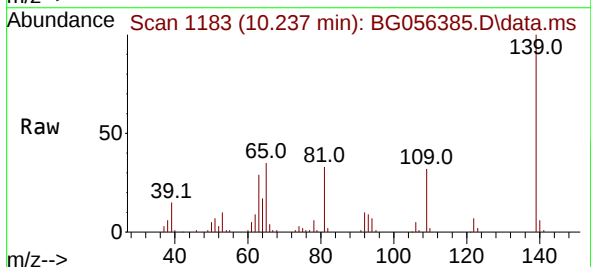


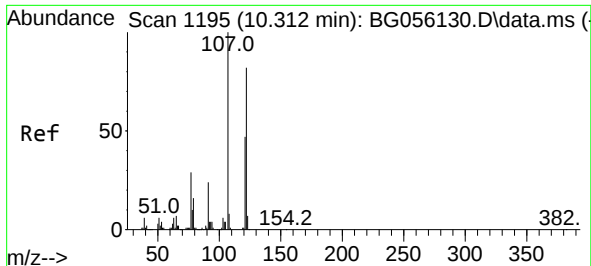
Tgt Ion: 82 Resp: 262243  
Ion Ratio Lower Upper  
82 100  
95 8.2 6.7 10.1  
138 19.6 13.7 20.5



#26  
2-Nitrophenol  
Concen: 49.553 ng  
RT: 10.237 min Scan# 1183  
Delta R.T. -0.007 min  
Lab File: BG056385.D  
Acq: 23 Jan 2023 15:42

Tgt Ion:139 Resp: 71009  
Ion Ratio Lower Upper  
139 100  
109 32.0 28.4 42.6  
65 34.9 32.1 48.1





#27

2,4-Dimethylphenol

Concen: 49.855 ng

RT: 10.279 min Scan# 1195

Delta R.T. -0.007 min

Lab File: BG056385.D

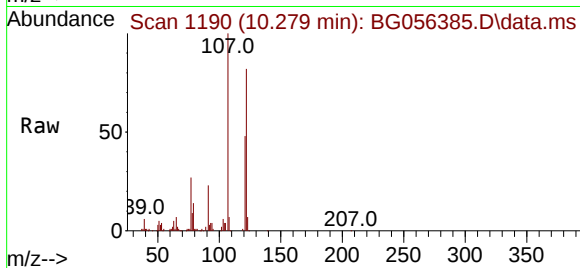
Acq: 23 Jan 2023 15:42

Instrument :

BNA\_G

ClientSampleId :

COMP-1-2-3AMSD



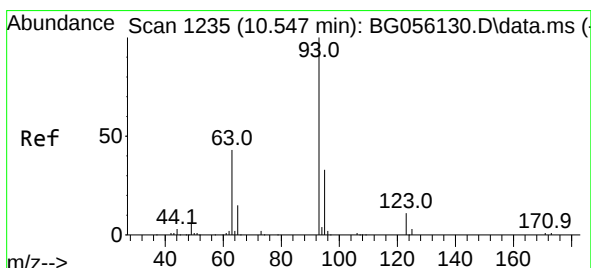
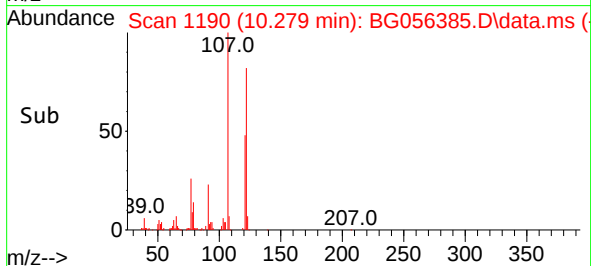
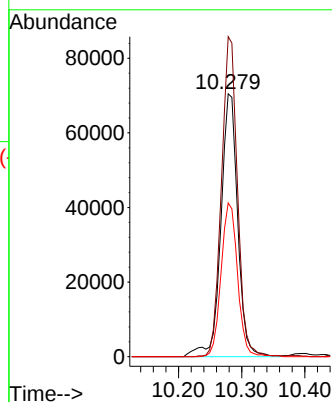
Tgt Ion:122 Resp: 130304

Ion Ratio Lower Upper

122 100

107 121.7 97.5 146.3

121 58.5 45.9 68.9



#28

bis(2-Chloroethoxy)methane

Concen: 46.559 ng

RT: 10.514 min Scan# 1230

Delta R.T. -0.007 min

Lab File: BG056385.D

Acq: 23 Jan 2023 15:42

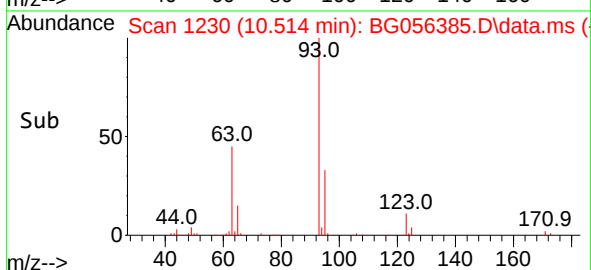
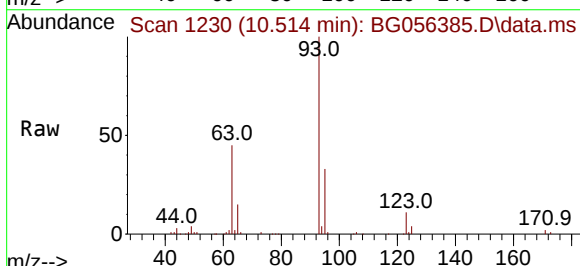
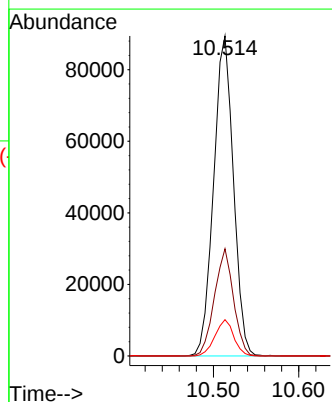
Tgt Ion: 93 Resp: 143892

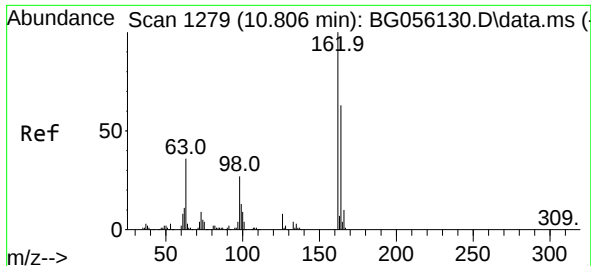
Ion Ratio Lower Upper

93 100

95 33.5 26.2 39.2

123 11.3 9.0 13.6





#29

2,4-Dichlorophenol

Concen: 52.819 ng

RT: 10.772 min Scan# 1

Delta R.T. -0.007 min

Lab File: BG056385.D

Acq: 23 Jan 2023 15:42

Instrument :

BNA\_G

ClientSampleId :

COMP-1-2-3AMSD

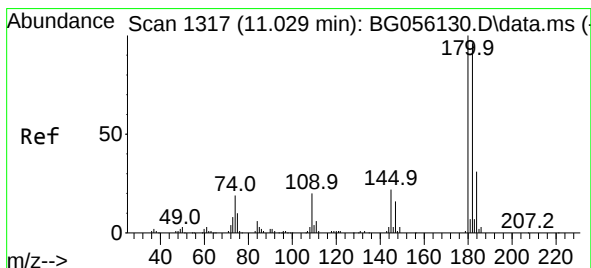
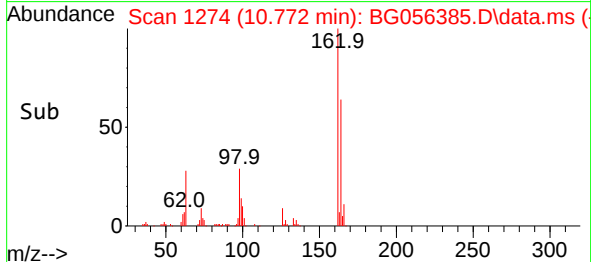
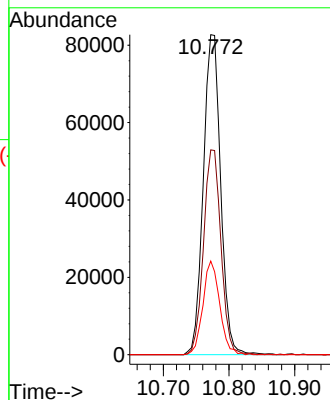
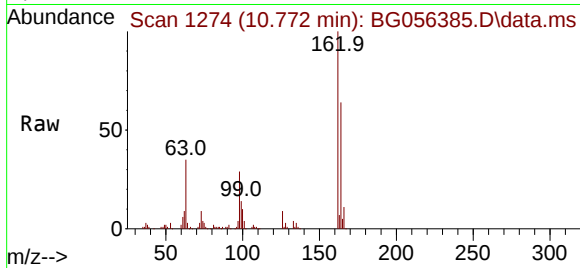
Tgt Ion:162 Resp: 152624

Ion Ratio Lower Upper

162 100

164 64.0 43.3 83.3

98 29.3 6.8 46.8



#30

1,2,4-Trichlorobenzene

Concen: 45.021 ng

RT: 10.990 min Scan# 1311

Delta R.T. -0.007 min

Lab File: BG056385.D

Acq: 23 Jan 2023 15:42

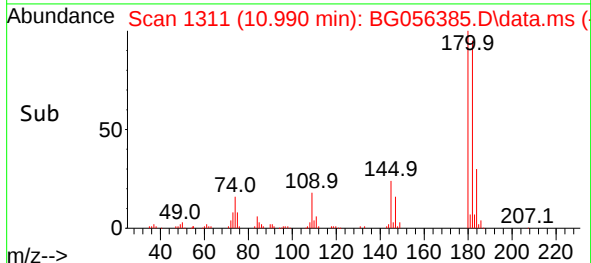
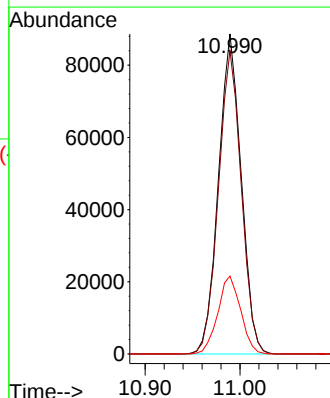
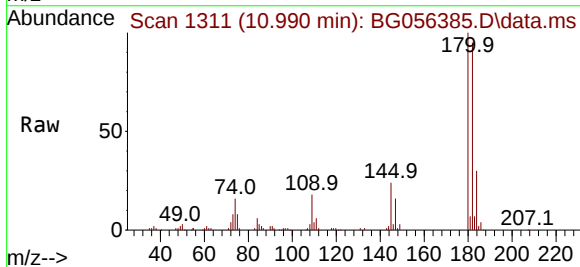
Tgt Ion:180 Resp: 147629

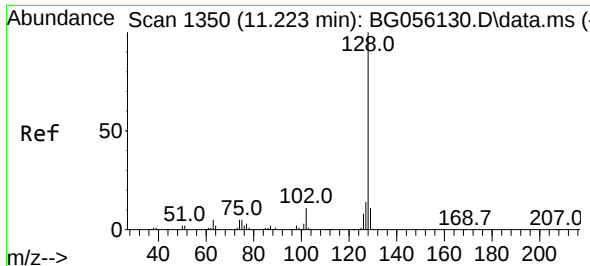
Ion Ratio Lower Upper

180 100

182 94.8 77.0 115.4

145 24.3 17.4 26.2

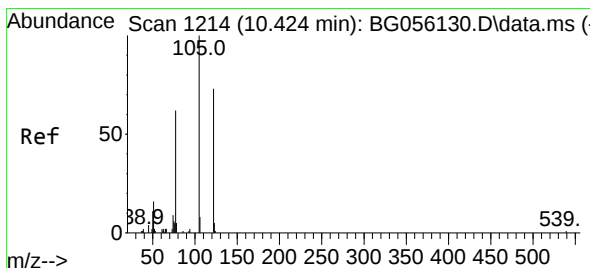
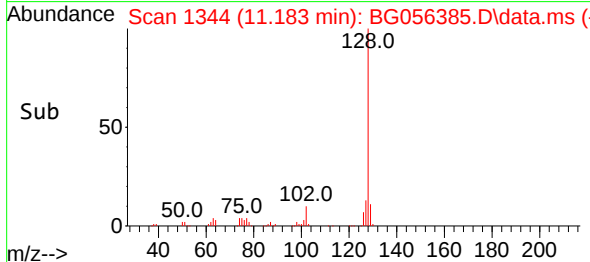
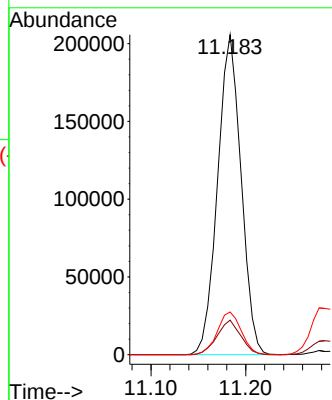
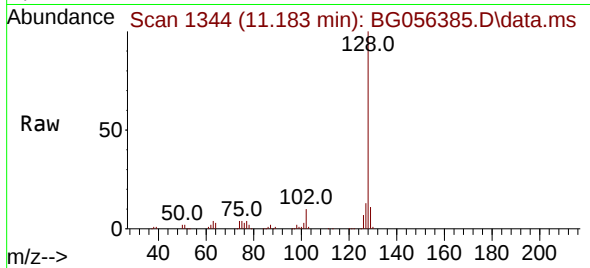




#31  
Naphthalene  
Concen: 46.511 ng  
RT: 11.183 min Scan# 1190  
Delta R.T. -0.013 min  
Lab File: BG056385.D  
Acq: 23 Jan 2023 15:42

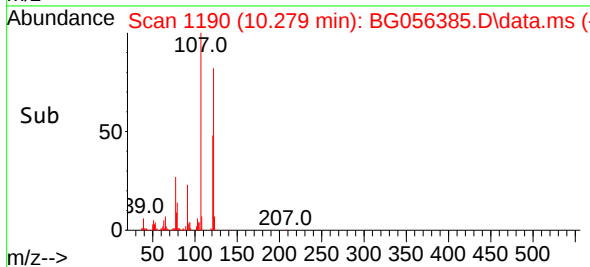
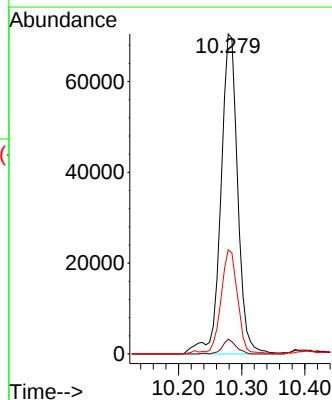
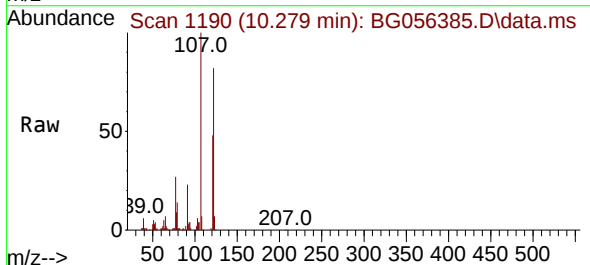
Instrument :  
BNA\_G  
ClientSampleId :  
COMP-1-2-3AMSD

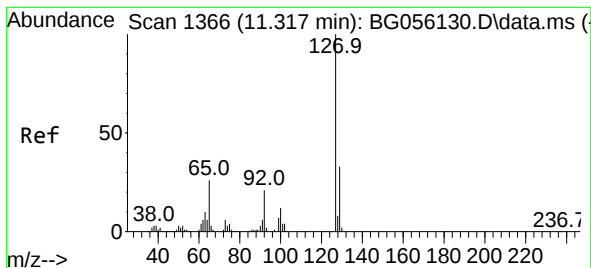
Tgt Ion:128 Resp: 353864  
Ion Ratio Lower Upper  
128 100  
129 10.8 8.9 13.3  
127 13.3 11.2 16.8



#32  
Benzoic acid  
Concen: 67.192 ng  
RT: 10.279 min Scan# 1190  
Delta R.T. -0.148 min  
Lab File: BG056385.D  
Acq: 23 Jan 2023 15:42

Tgt Ion:122 Resp: 130304  
Ion Ratio Lower Upper  
122 100  
105 4.6 109.0 149.0#  
77 32.6 63.1 103.1#

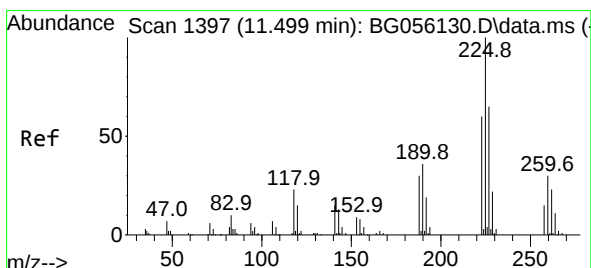
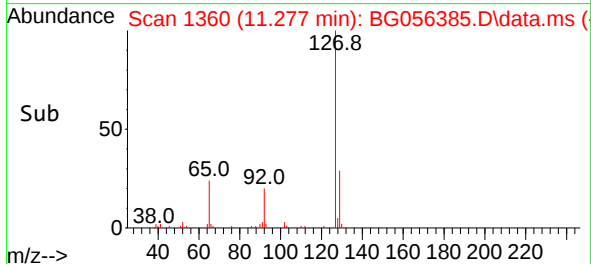
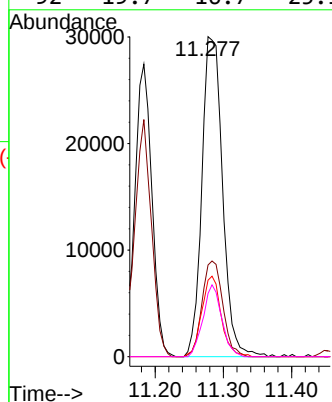
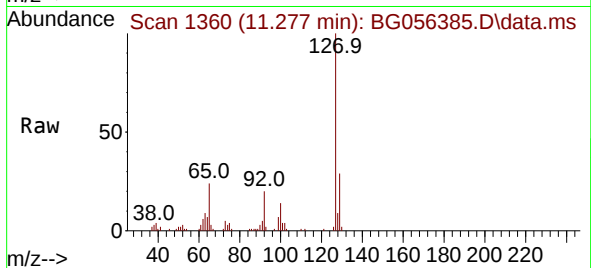




#33  
4-Chloroaniline  
Concen: 17.472 ng  
RT: 11.277 min Scan# 11  
Delta R.T. -0.013 min  
Lab File: BG056385.D  
Acq: 23 Jan 2023 15:42

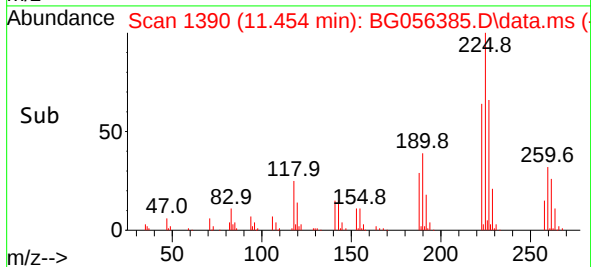
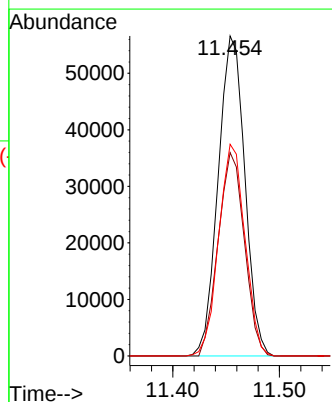
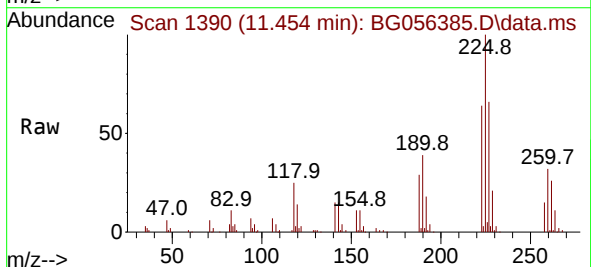
Instrument :  
BNA\_G  
ClientSampleId :  
COMP-1-2-3AMSD

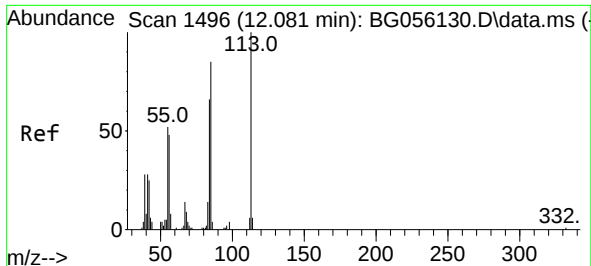
|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:127 | Resp: | 63465     |
| Ion Ratio   | Lower | Upper     |
| 127         | 100   |           |
| 129         | 28.7  | 26.1 39.1 |
| 65          | 23.9  | 20.9 31.3 |
| 92          | 19.7  | 16.7 25.1 |



#34  
Hexachlorobutadiene  
Concen: 41.666 ng  
RT: 11.454 min Scan# 1390  
Delta R.T. -0.013 min  
Lab File: BG056385.D  
Acq: 23 Jan 2023 15:42

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:225 | Resp: | 98265     |
| Ion Ratio   | Lower | Upper     |
| 225         | 100   |           |
| 223         | 66.5  | 47.7 71.5 |
| 227         | 69.5  | 52.3 78.5 |

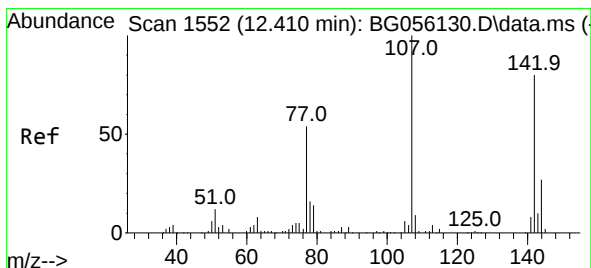
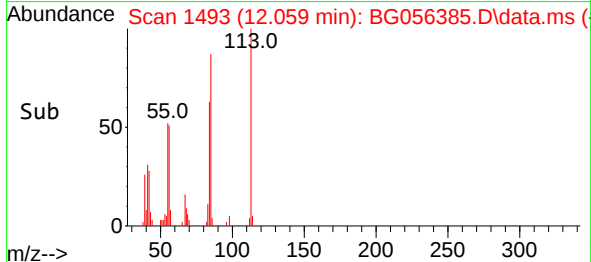
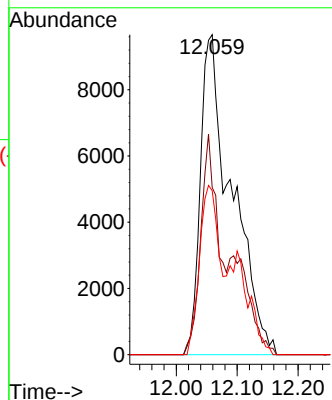
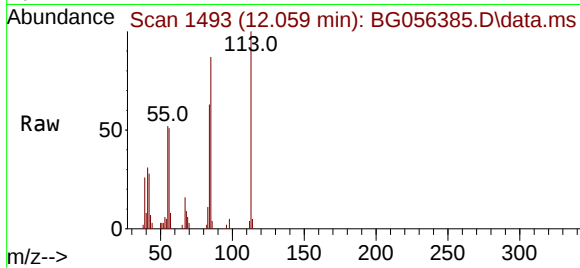




#35  
 Caprolactam  
 Concen: 35.309 ng  
 RT: 12.059 min Scan# 1496  
 Delta R.T. -0.007 min  
 Lab File: BG056385.D  
 Acq: 23 Jan 2023 15:42

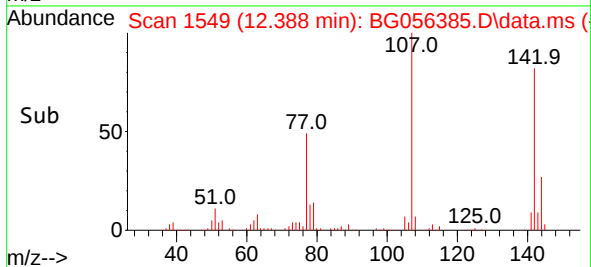
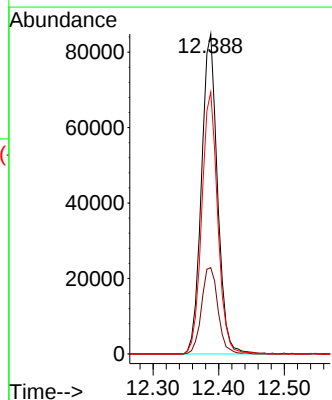
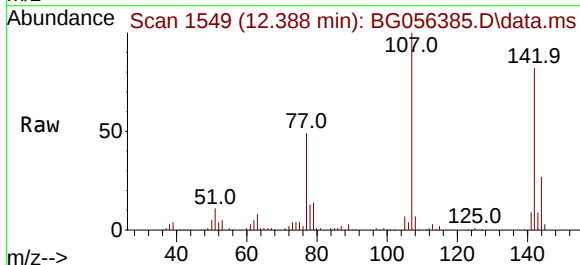
Instrument :  
 BNA\_G  
 ClientSampleId :  
 COMP-1-2-3AMSD

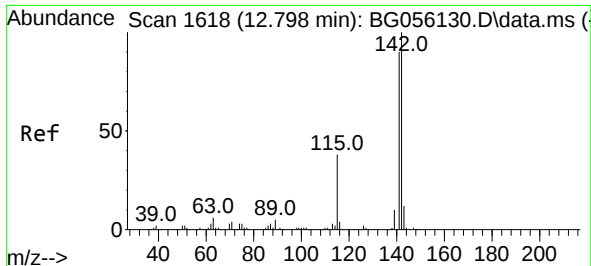
|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:113 | Resp: | 34543     |
| Ion Ratio   | Lower | Upper     |
| 113         | 100   |           |
| 55          | 52.3  | 31.9 71.9 |
| 56          | 51.3  | 27.6 67.6 |



#36  
 4-Chloro-3-methylphenol  
 Concen: 49.198 ng  
 RT: 12.388 min Scan# 1549  
 Delta R.T. -0.002 min  
 Lab File: BG056385.D  
 Acq: 23 Jan 2023 15:42

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:107 | Resp: | 144254    |
| Ion Ratio   | Lower | Upper     |
| 107         | 100   |           |
| 144         | 26.9  | 21.5 32.3 |
| 142         | 81.9  | 63.8 95.6 |





#37

2-Methylnaphthalene

Concen: 43.746 ng

RT: 12.764 min Scan# 1

Delta R.T. -0.007 min

Lab File: BG056385.D

Acq: 23 Jan 2023 15:42

Instrument :

BNA\_G

ClientSampleId :

COMP-1-2-3AMSD

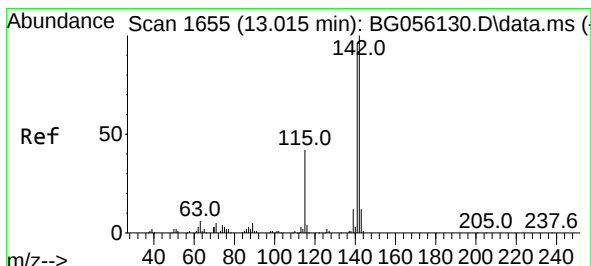
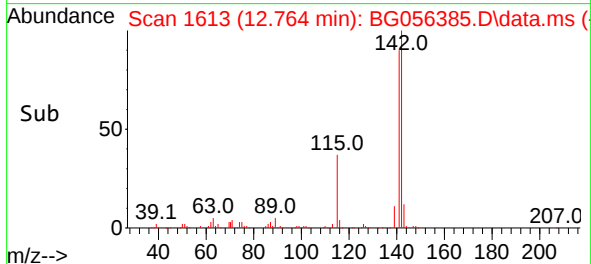
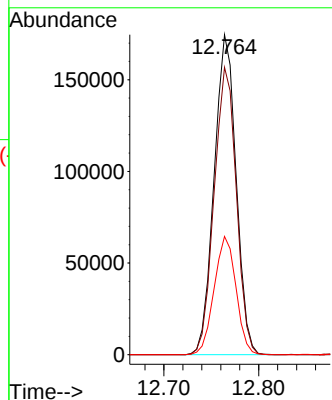
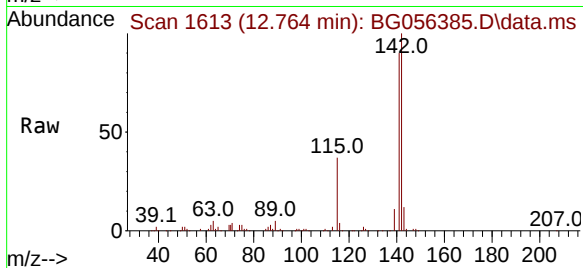
Tgt Ion:142 Resp: 281026

Ion Ratio Lower Upper

142 100

141 89.8 72.2 108.4

115 36.9 30.7 46.1



#38

1-Methylnaphthalene

Concen: 45.134 ng

RT: 12.981 min Scan# 1650

Delta R.T. -0.007 min

Lab File: BG056385.D

Acq: 23 Jan 2023 15:42

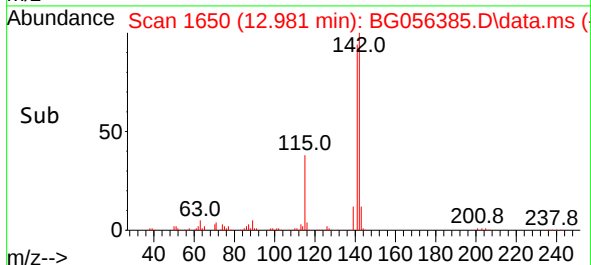
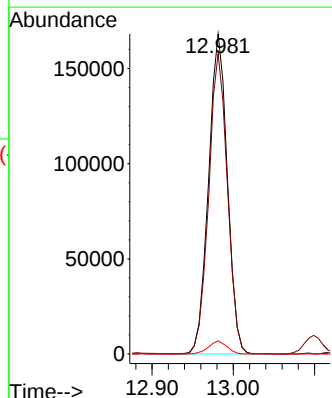
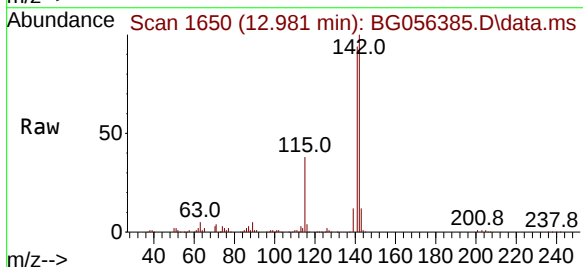
Tgt Ion:142 Resp: 269245

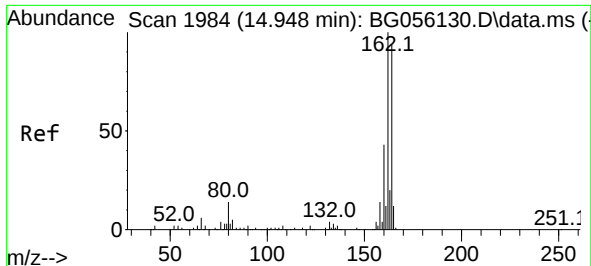
Ion Ratio Lower Upper

142 100

141 93.8 77.0 115.6

116 4.1 3.6 5.4

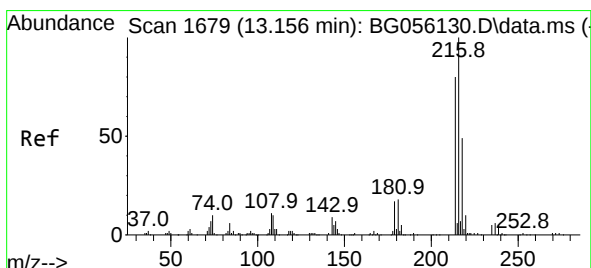
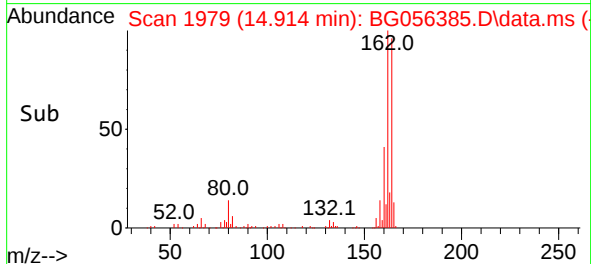
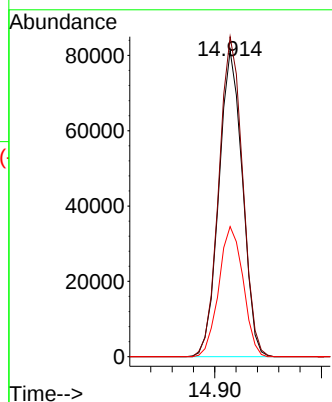
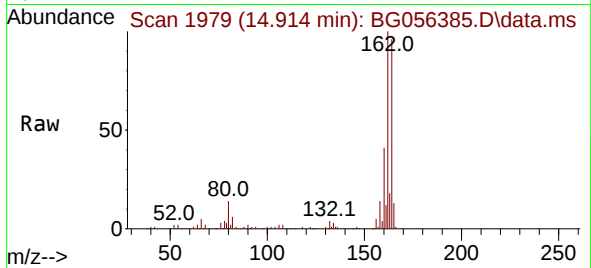




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.914 min Scan# 1984  
Delta R.T. -0.007 min  
Lab File: BG056385.D  
Acq: 23 Jan 2023 15:42

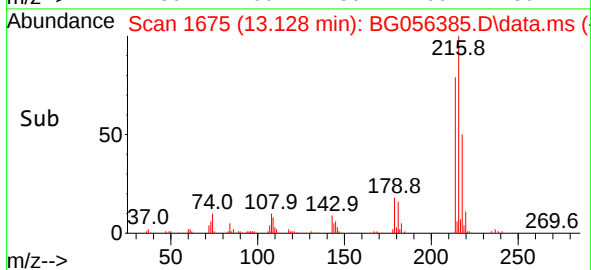
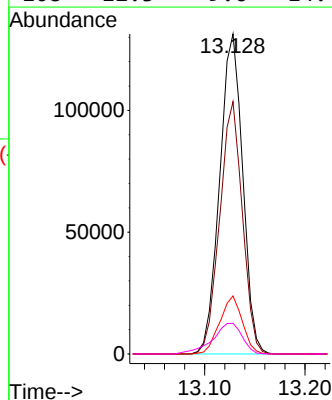
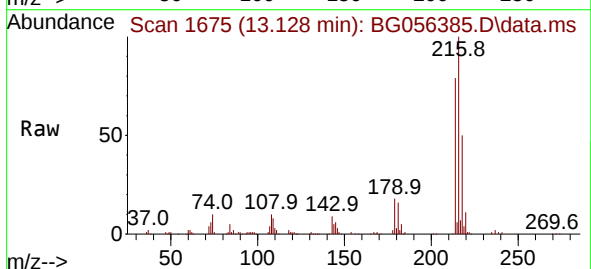
Instrument :  
BNA\_G  
ClientSampleId :  
COMP-1-2-3AMSD

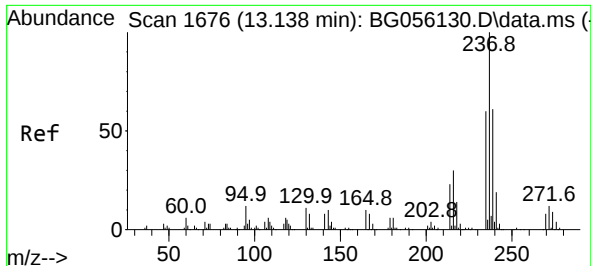
Tgt Ion:164 Resp: 124492  
Ion Ratio Lower Upper  
164 100  
162 104.5 84.7 127.1  
160 42.5 36.3 54.5



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 44.783 ng  
RT: 13.128 min Scan# 1675  
Delta R.T. -0.007 min  
Lab File: BG056385.D  
Acq: 23 Jan 2023 15:42

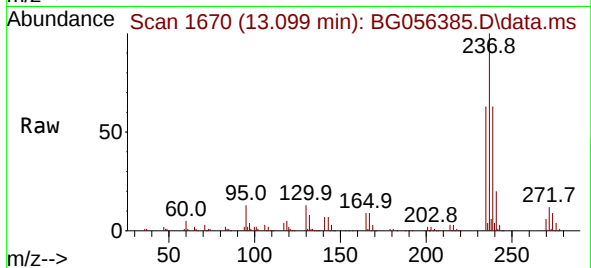
Tgt Ion:216 Resp: 208952  
Ion Ratio Lower Upper  
216 100  
214 77.4 63.4 95.0  
179 17.8 13.6 20.4  
108 12.3 9.6 14.4



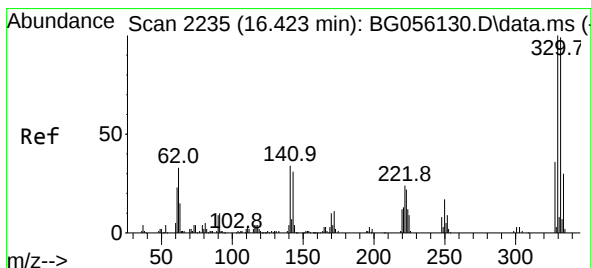
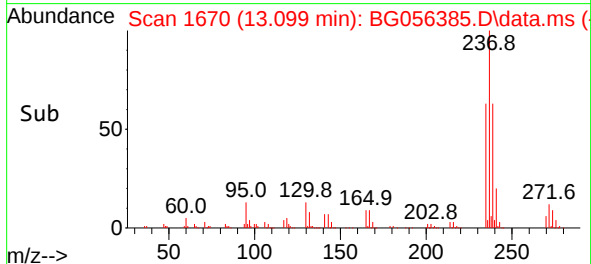
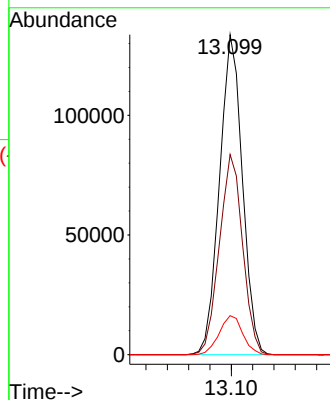


#41  
Hexachlorocyclopentadiene  
Concen: 74.741 ng  
RT: 13.099 min Scan# 1  
Delta R.T. -0.007 min  
Lab File: BG056385.D  
Acq: 23 Jan 2023 15:42

Instrument :  
BNA\_G  
ClientSampleId :  
COMP-1-2-3AMSD

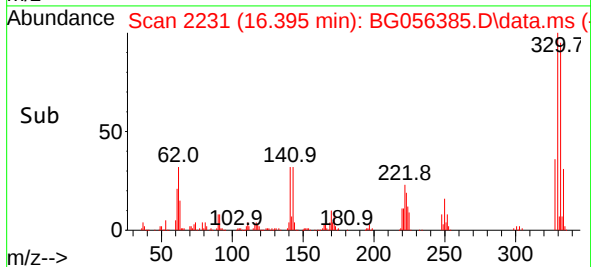
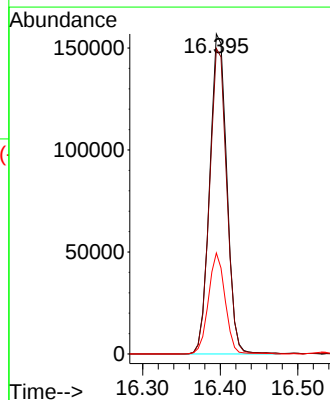
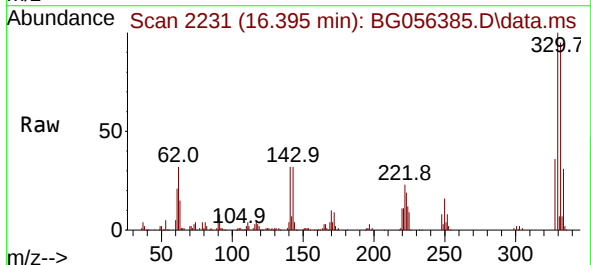


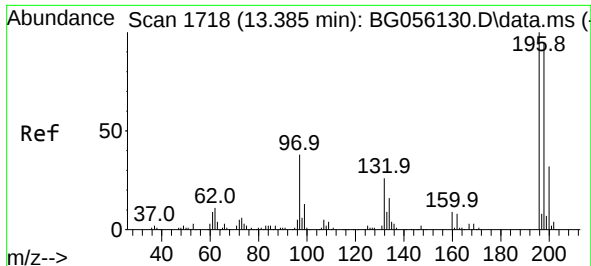
Tgt Ion:237 Resp: 198822  
Ion Ratio Lower Upper  
237 100  
235 62.6 40.3 80.3  
272 12.2 0.0 32.5



#42  
2,4,6-Tribromophenol  
Concen: 152.162 ng  
RT: 16.395 min Scan# 2231  
Delta R.T. -0.007 min  
Lab File: BG056385.D  
Acq: 23 Jan 2023 15:42

Tgt Ion:330 Resp: 239910  
Ion Ratio Lower Upper  
330 100  
332 95.9 77.3 115.9  
141 30.7 27.9 41.9

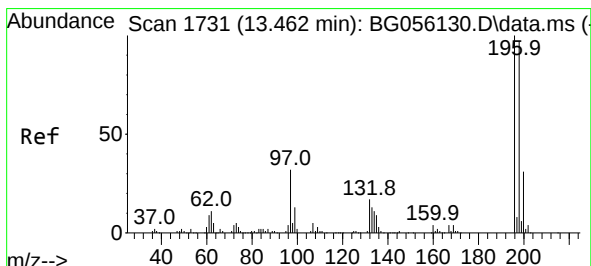
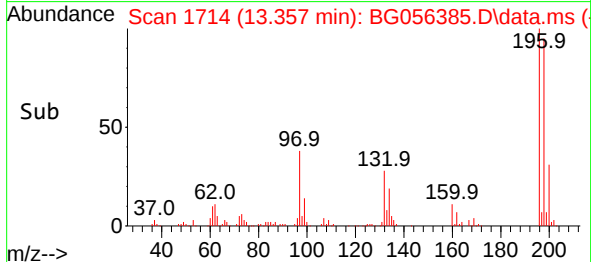
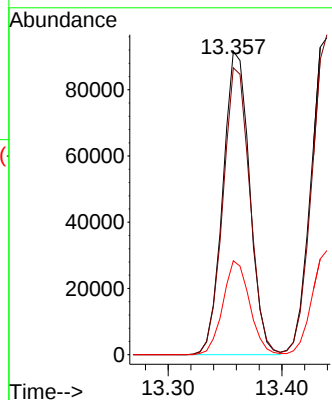
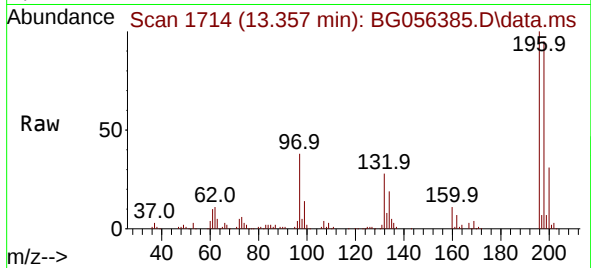




#43  
 2,4,6-Trichlorophenol  
 Concen: 48.489 ng  
 RT: 13.357 min Scan# 1  
 Delta R.T. -0.007 min  
 Lab File: BG056385.D  
 Acq: 23 Jan 2023 15:42

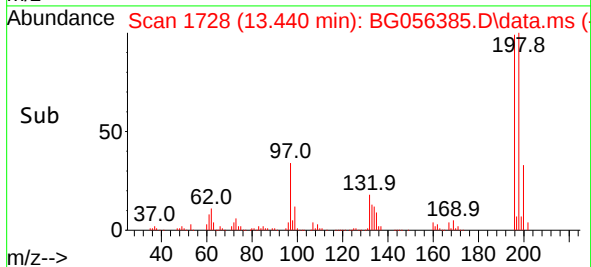
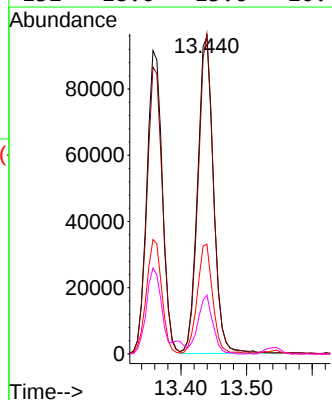
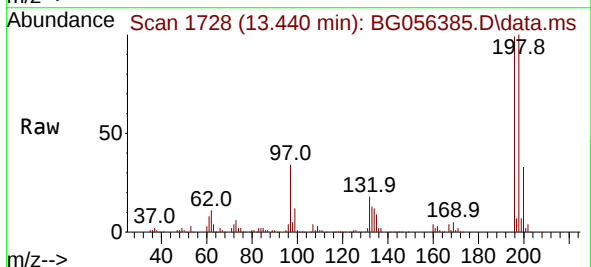
Instrument :  
 BNA\_G  
 ClientSampleId :  
 COMP-1-2-3AMSD

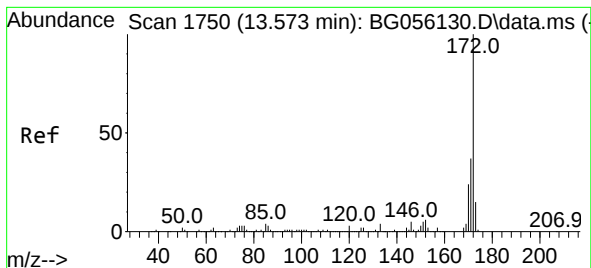
Tgt Ion:196 Resp: 149604  
 Ion Ratio Lower Upper  
 196 100  
 198 94.6 75.5 113.3  
 200 30.9 25.7 38.5



#44  
 2,4,5-Trichlorophenol  
 Concen: 44.222 ng  
 RT: 13.440 min Scan# 1728  
 Delta R.T. -0.002 min  
 Lab File: BG056385.D  
 Acq: 23 Jan 2023 15:42

Tgt Ion:196 Resp: 161397  
 Ion Ratio Lower Upper  
 196 100  
 198 100.9 78.0 117.0  
 97 34.6 25.7 38.5  
 132 18.6 13.6 20.4

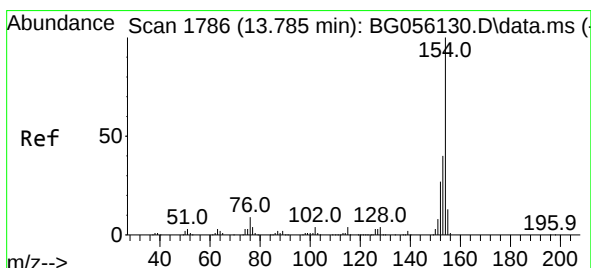
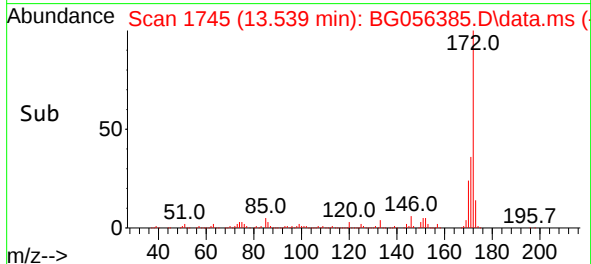
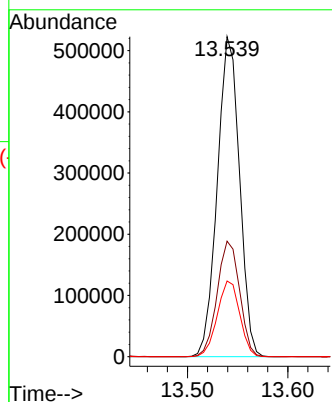
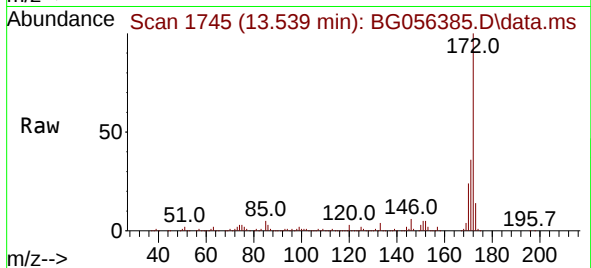




#45  
2-Fluorobiphenyl  
Concen: 89.053 ng  
RT: 13.539 min Scan# 1745  
Delta R.T. -0.007 min  
Lab File: BG056385.D  
Acq: 23 Jan 2023 15:42

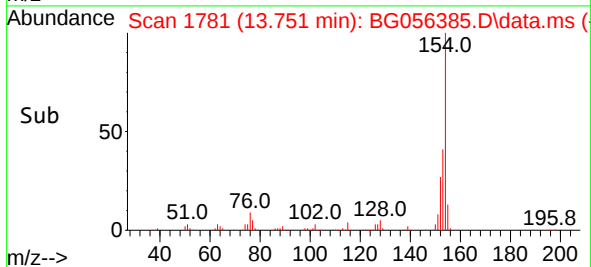
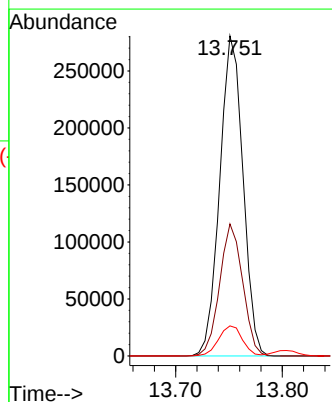
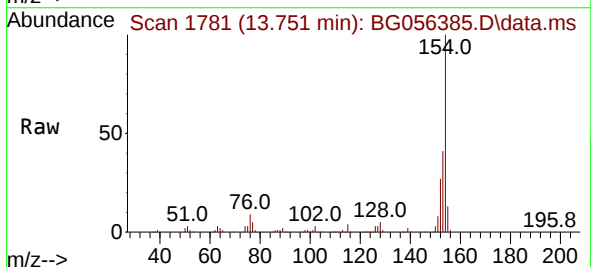
Instrument :  
BNA\_G  
ClientSampleId :  
COMP-1-2-3AMSD

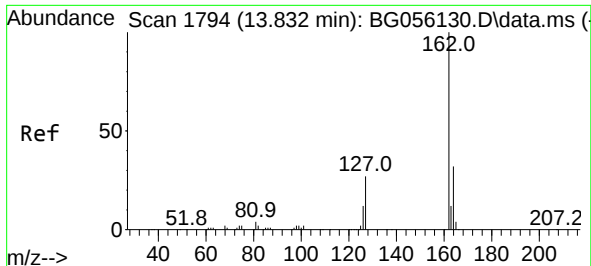
Tgt Ion:172 Resp: 802841  
Ion Ratio Lower Upper  
172 100  
171 36.1 29.6 44.4  
170 23.7 19.4 29.2



#46  
1,1'-Biphenyl  
Concen: 47.600 ng  
RT: 13.751 min Scan# 1781  
Delta R.T. -0.007 min  
Lab File: BG056385.D  
Acq: 23 Jan 2023 15:42

Tgt Ion:154 Resp: 424385  
Ion Ratio Lower Upper  
154 100  
153 41.3 20.0 60.0  
76 9.4 0.0 29.3





#47

2-Chloronaphthalene

Concen: 47.659 ng

RT: 13.804 min Scan# 1

Delta R.T. -0.007 min

Lab File: BG056385.D

Acq: 23 Jan 2023 15:42

Instrument :

BNA\_G

ClientSampleId :

COMP-1-2-3AMSD

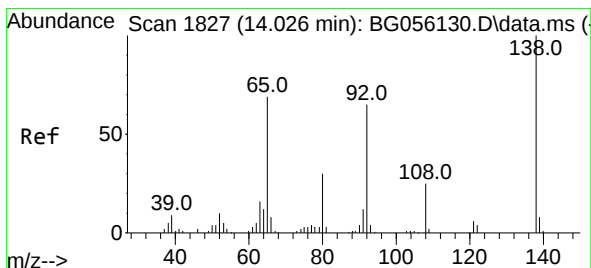
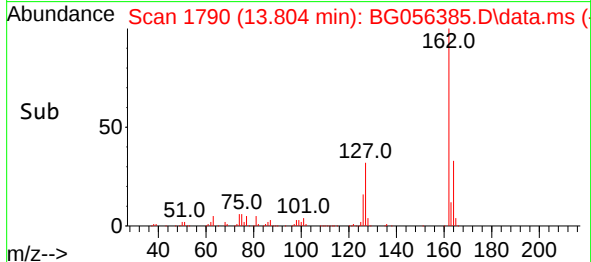
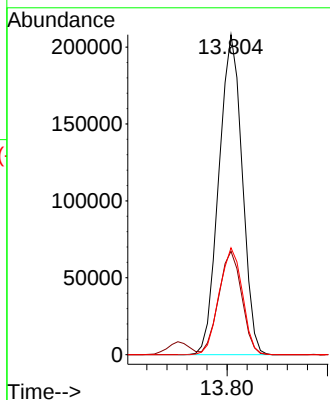
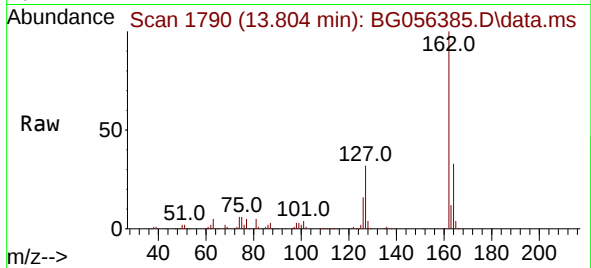
Tgt Ion:162 Resp: 335388

Ion Ratio Lower Upper

162 100

127 32.3 24.6 36.8

164 33.4 25.8 38.8



#48

2-Nitroaniline

Concen: 49.986 ng

RT: 13.998 min Scan# 1823

Delta R.T. -0.007 min

Lab File: BG056385.D

Acq: 23 Jan 2023 15:42

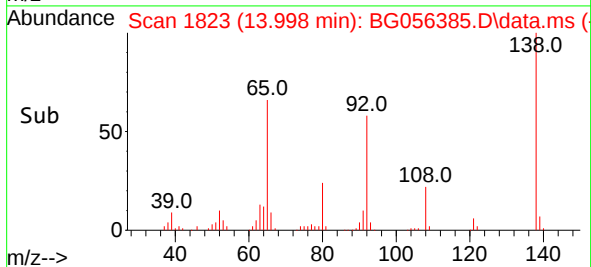
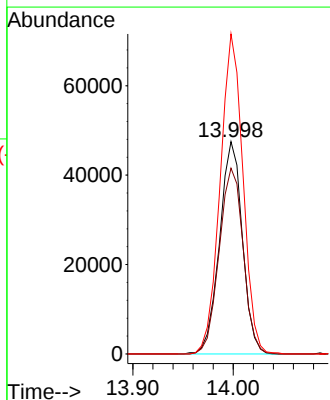
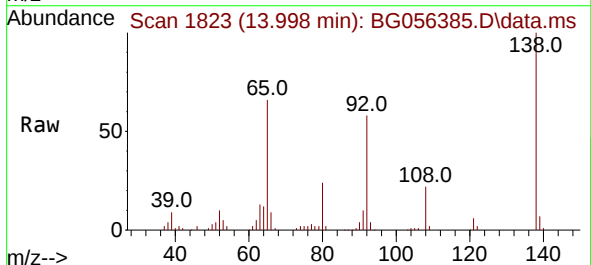
Tgt Ion: 65 Resp: 74948

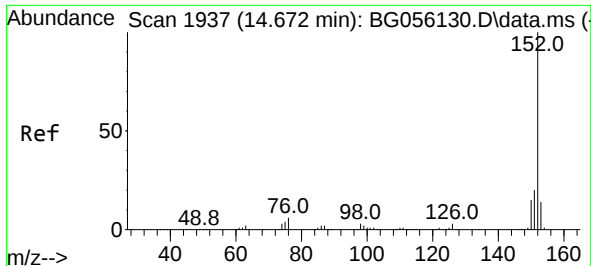
Ion Ratio Lower Upper

65 100

92 87.5 76.0 114.0

138 150.7 116.6 174.8





#49

Acenaphthylene

Concen: 46.142 ng

RT: 14.644 min Scan# 1933

Delta R.T. -0.007 min

Lab File: BG056385.D

Acq: 23 Jan 2023 15:42

Instrument :

BNA\_G

ClientSampleId :

COMP-1-2-3AMSD

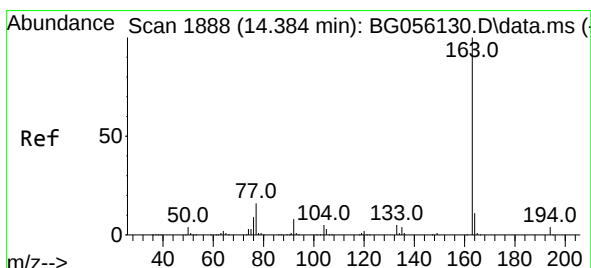
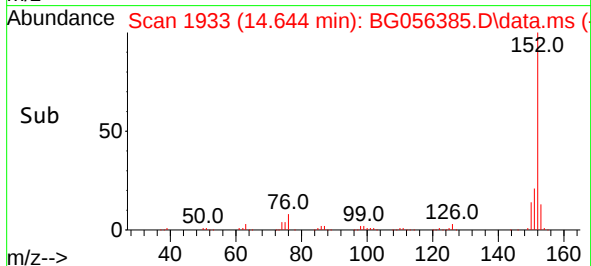
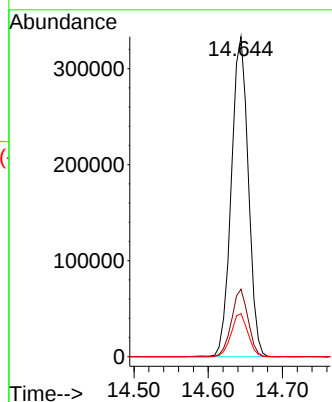
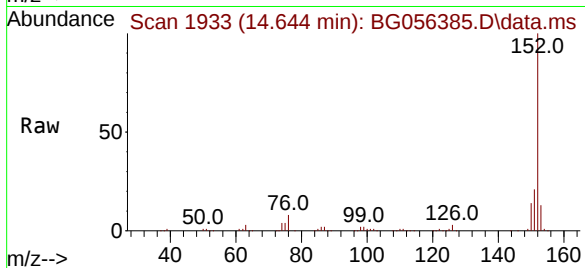
Tgt Ion:152 Resp: 528421

Ion Ratio Lower Upper

152 100

151 21.1 16.0 24.0

153 13.5 11.0 16.6



#50

Dimethylphthalate

Concen: 46.801 ng

RT: 14.356 min Scan# 1884

Delta R.T. -0.007 min

Lab File: BG056385.D

Acq: 23 Jan 2023 15:42

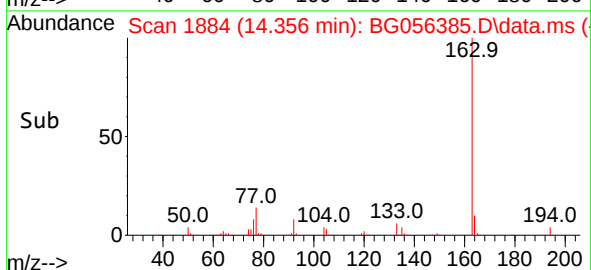
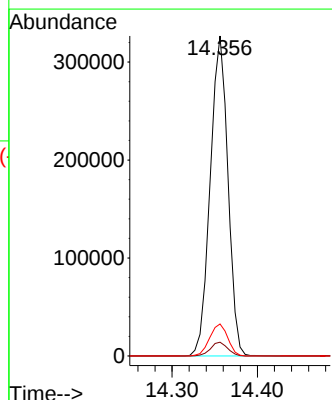
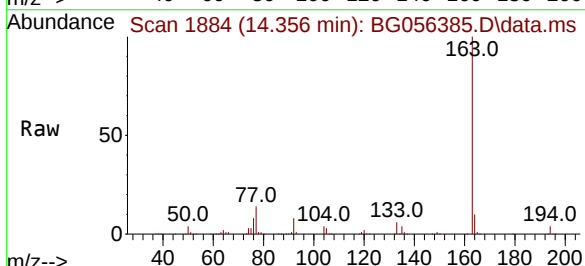
Tgt Ion:163 Resp: 470340

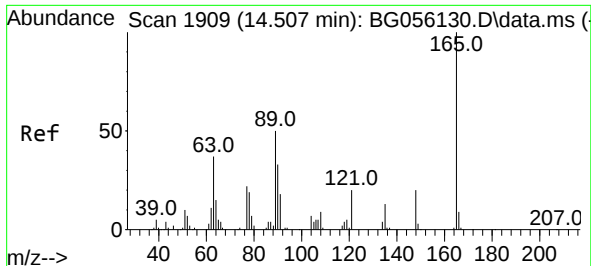
Ion Ratio Lower Upper

163 100

194 4.3 3.5 5.3

164 10.0 8.7 13.1

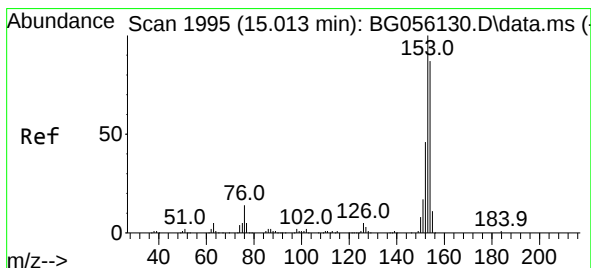
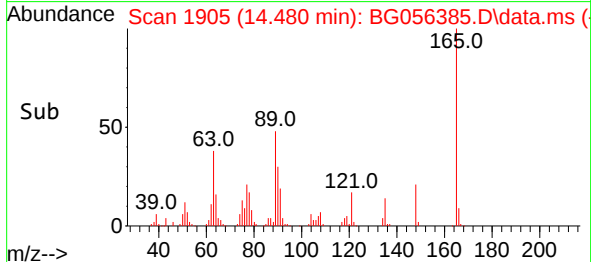
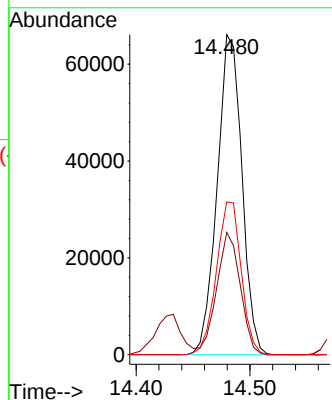
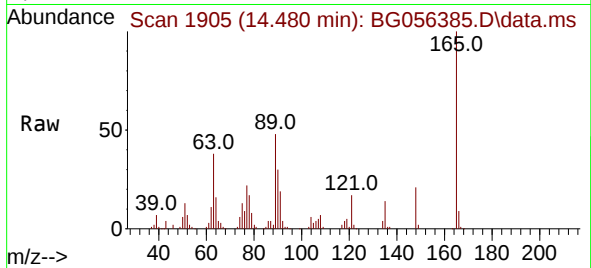




#51  
2,6-Dinitrotoluene  
Concen: 46.633 ng  
RT: 14.480 min Scan# 1905  
Delta R.T. -0.007 min  
Lab File: BG056385.D  
Acq: 23 Jan 2023 15:42

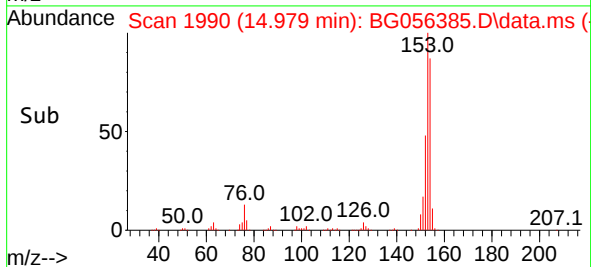
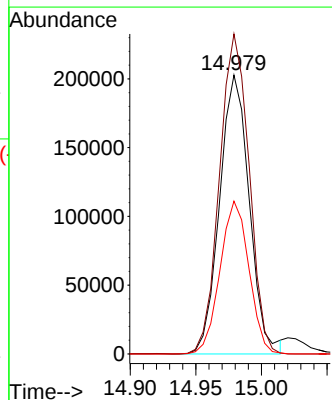
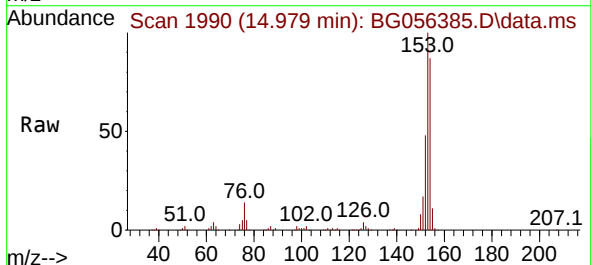
Instrument :  
BNA\_G  
ClientSampleId :  
COMP-1-2-3AMSD

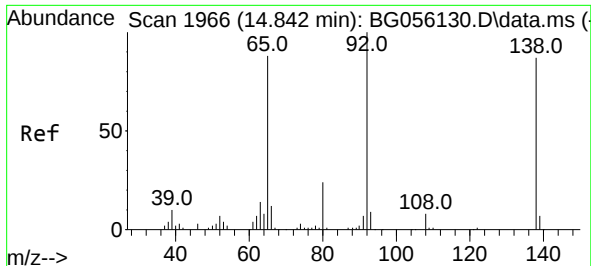
Tgt Ion:165 Resp: 99861  
Ion Ratio Lower Upper  
165 100  
63 38.2 32.2 48.2  
89 47.8 39.8 59.8



#52  
Acenaphthene  
Concen: 42.867 ng  
RT: 14.979 min Scan# 1990  
Delta R.T. -0.007 min  
Lab File: BG056385.D  
Acq: 23 Jan 2023 15:42

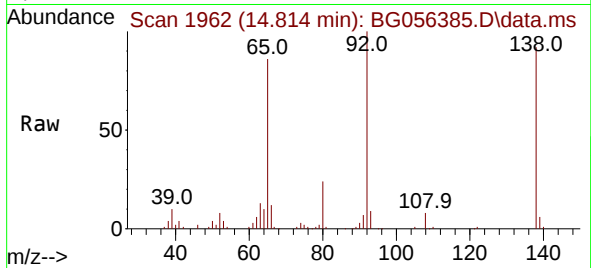
Tgt Ion:154 Resp: 319285  
Ion Ratio Lower Upper  
154 100  
153 114.7 92.0 138.0  
152 54.8 42.5 63.7



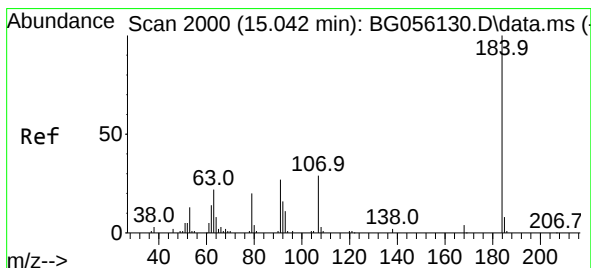
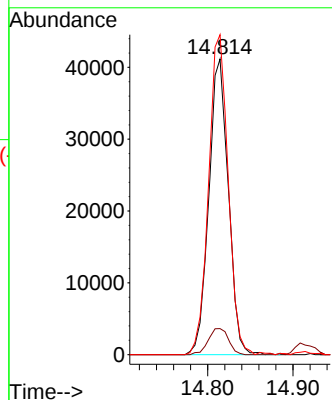
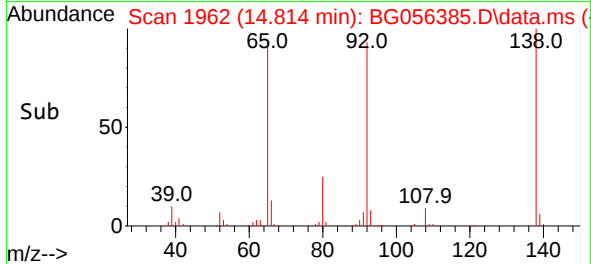


#53  
3-Nitroaniline  
Concen: 32.091 ng  
RT: 14.814 min Scan# 1962  
Delta R.T. -0.007 min  
Lab File: BG056385.D  
Acq: 23 Jan 2023 15:42

Instrument :  
BNA\_G  
ClientSampleId :  
COMP-1-2-3AMSD

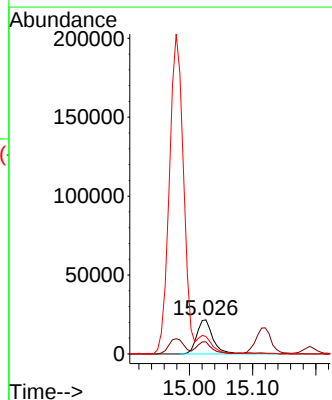
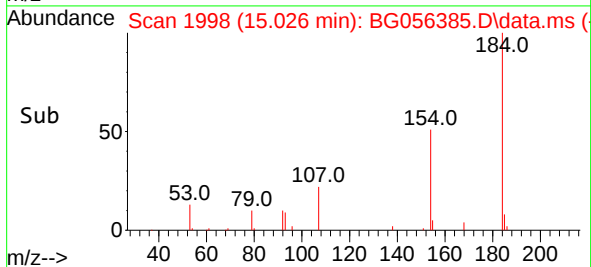
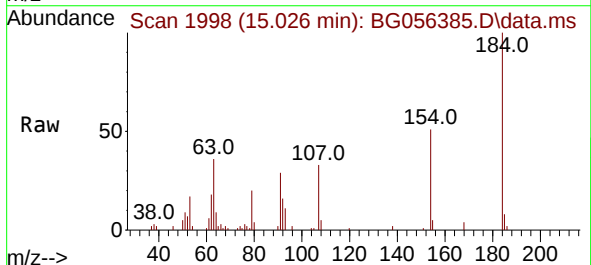


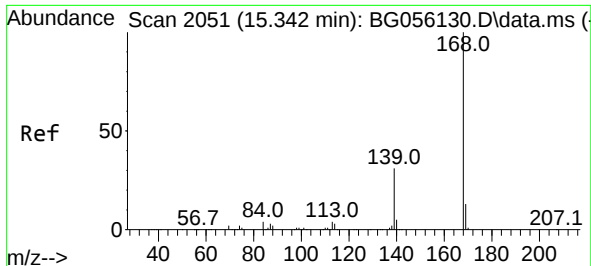
Tgt Ion:138 Resp: 65401  
Ion Ratio Lower Upper  
138 100  
108 8.8 7.6 11.4  
92 108.2 91.7 137.5



#54  
2,4-Dinitrophenol  
Concen: 25.772 ng  
RT: 15.026 min Scan# 1998  
Delta R.T. 0.004 min  
Lab File: BG056385.D  
Acq: 23 Jan 2023 15:42

Tgt Ion:184 Resp: 39426  
Ion Ratio Lower Upper  
184 100  
63 35.8 24.0 36.0  
154 51.0 45.4 68.0

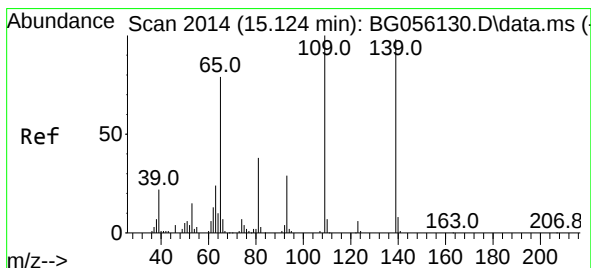
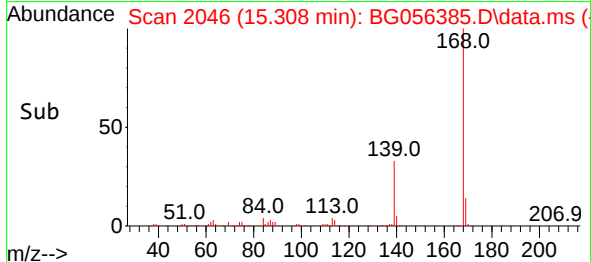
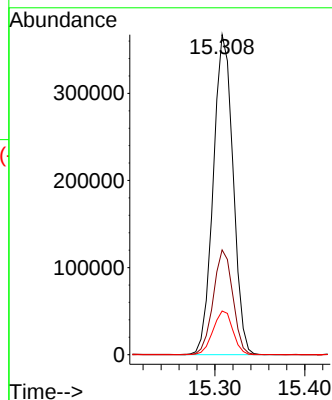
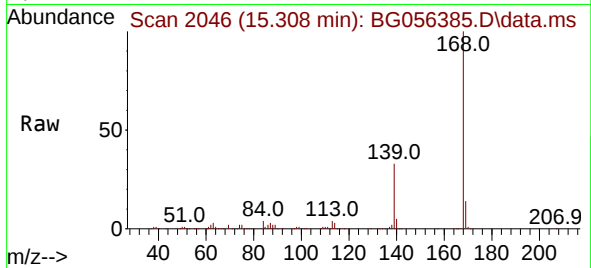




#55  
Dibenzofuran  
Concen: 45.632 ng  
RT: 15.308 min Scan# 2051  
Delta R.T. -0.007 min  
Lab File: BG056385.D  
Acq: 23 Jan 2023 15:42

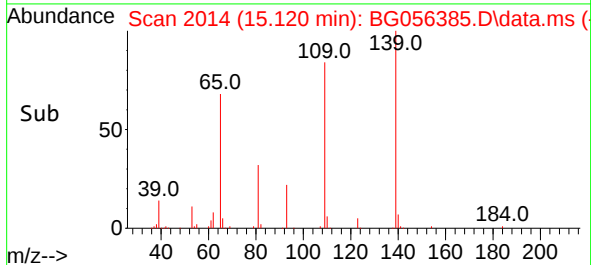
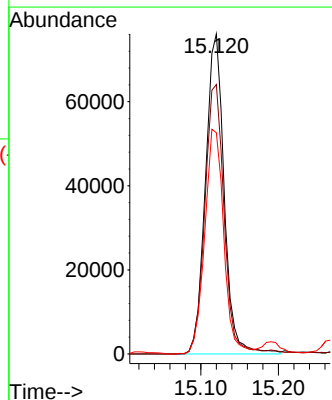
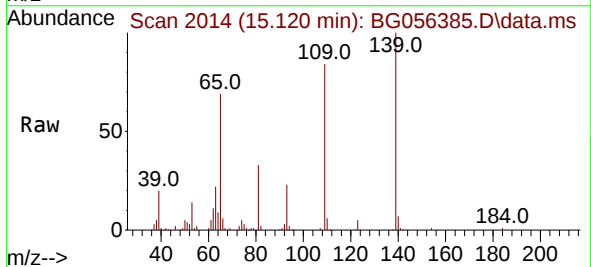
Instrument :  
BNA\_G  
ClientSampleId :  
COMP-1-2-3AMSD

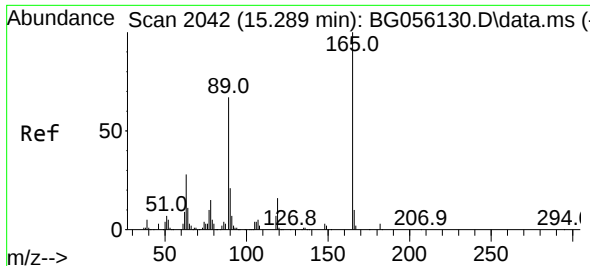
Tgt Ion:168 Resp: 562434  
Ion Ratio Lower Upper  
168 100  
139 32.8 24.7 37.1  
169 13.7 10.3 15.5



#56  
4-Nitrophenol  
Concen: 81.184 ng  
RT: 15.120 min Scan# 2014  
Delta R.T. 0.004 min  
Lab File: BG056385.D  
Acq: 23 Jan 2023 15:42

Tgt Ion:139 Resp: 127249  
Ion Ratio Lower Upper  
139 100  
109 84.2 82.2 122.2  
65 69.2 60.6 100.6

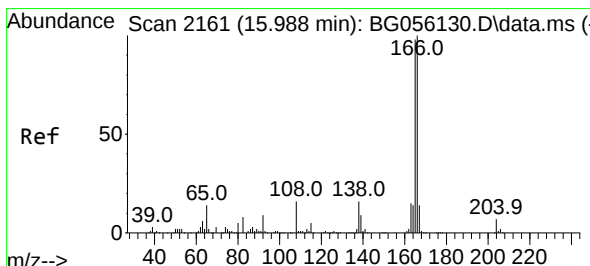
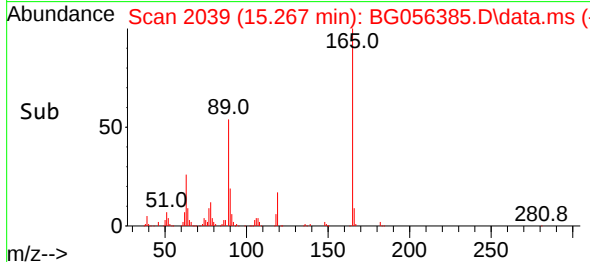
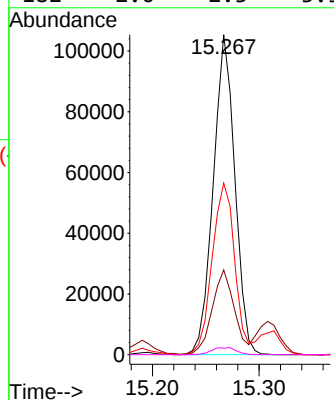
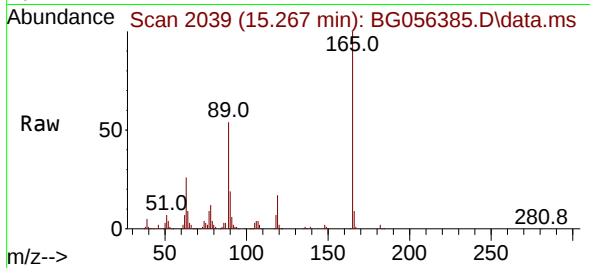




#57  
2,4-Dinitrotoluene  
Concen: 49.436 ng  
RT: 15.267 min Scan# 2042  
Delta R.T. -0.007 min  
Lab File: BG056385.D  
Acq: 23 Jan 2023 15:42

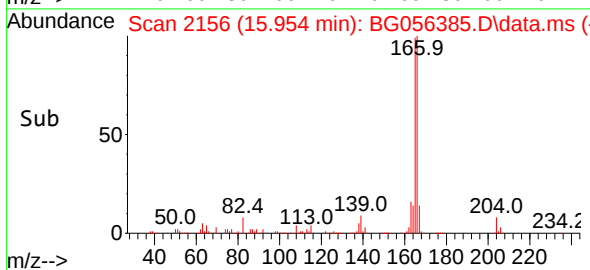
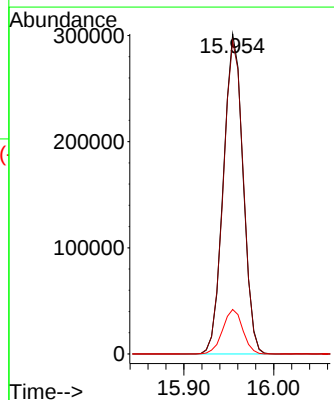
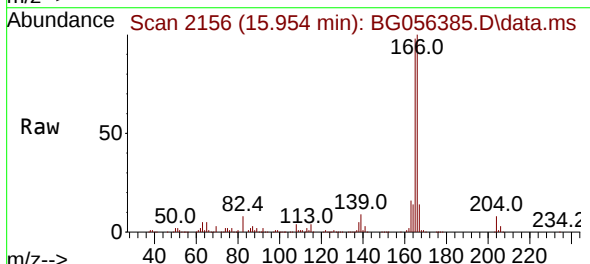
Instrument :  
BNA\_G  
ClientSampleId :  
COMP-1-2-3AMSD

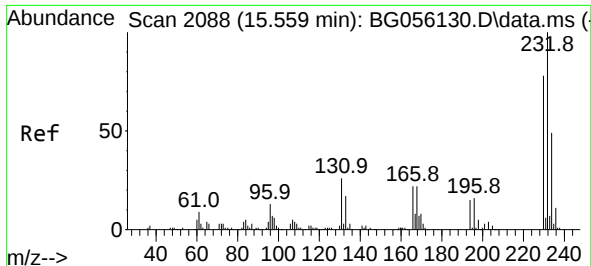
Tgt Ion:165 Resp: 148051  
Ion Ratio Lower Upper  
165 100  
63 26.5 22.6 34.0  
89 53.6 53.2 79.8  
182 2.0 2.3 3.5#



#58  
Fluorene  
Concen: 46.089 ng  
RT: 15.954 min Scan# 2156  
Delta R.T. -0.007 min  
Lab File: BG056385.D  
Acq: 23 Jan 2023 15:42

Tgt Ion:166 Resp: 456904  
Ion Ratio Lower Upper  
166 100  
165 97.9 78.6 118.0  
167 13.9 11.1 16.7



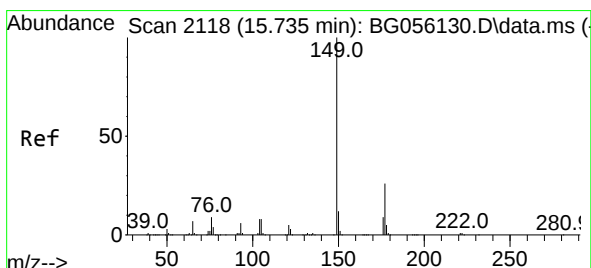
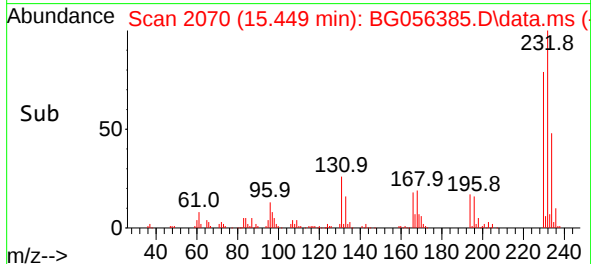
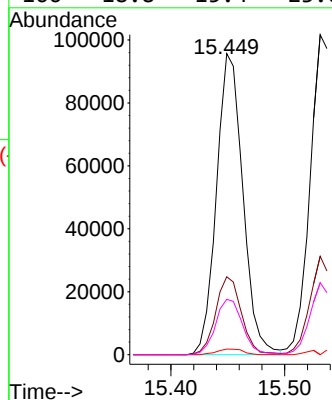
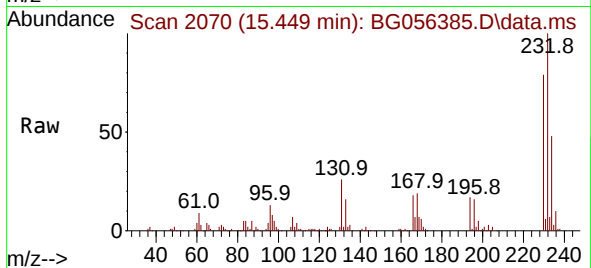


#59  
2,3,4,6-Tetrachlorophenol  
Concen: 45.025 ng  
RT: 15.449 min Scan# 2088  
Delta R.T. -0.090 min  
Lab File: BG056385.D  
Acq: 23 Jan 2023 15:42

Instrument :  
BNA\_G  
ClientSampleId :  
COMP-1-2-3AMSD

Tgt Ion:232 Resp: 154295

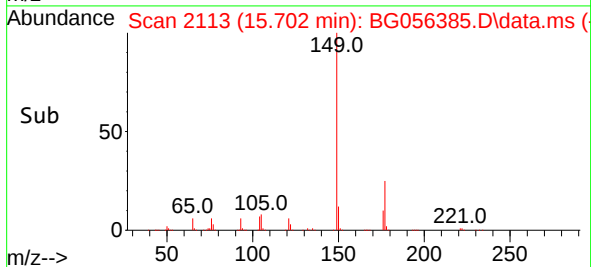
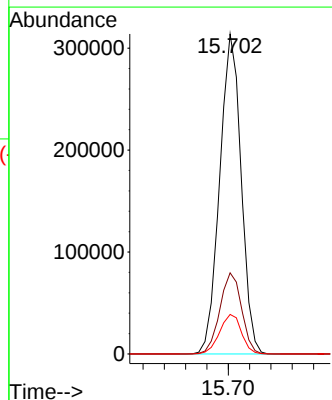
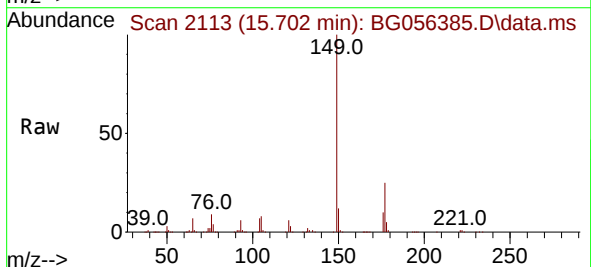
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 232 | 100   |       |       |
| 131 | 25.2  | 21.4  | 32.2  |
| 130 | 1.9   | 1.4   | 2.0   |
| 166 | 18.8  | 15.4  | 23.0  |

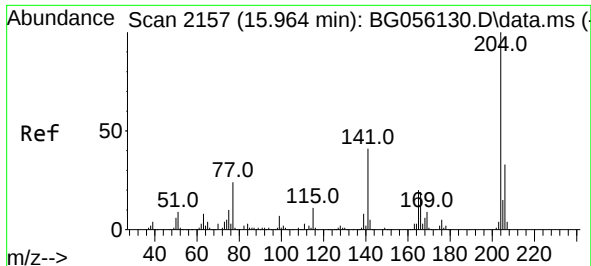


#60  
Diethylphthalate  
Concen: 46.396 ng  
RT: 15.702 min Scan# 2113  
Delta R.T. -0.007 min  
Lab File: BG056385.D  
Acq: 23 Jan 2023 15:42

Tgt Ion:149 Resp: 437266

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 177 | 25.4  | 20.6  | 31.0  |
| 150 | 12.4  | 9.9   | 14.9  |

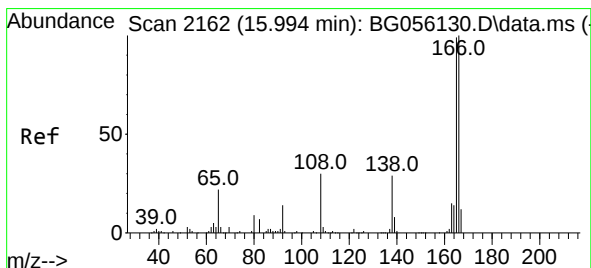
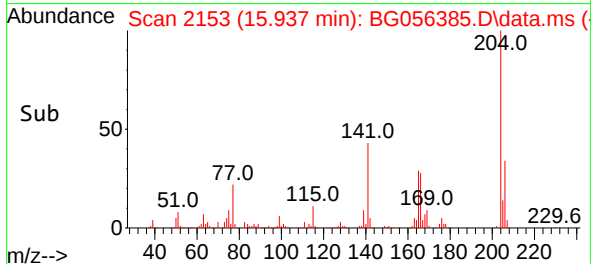
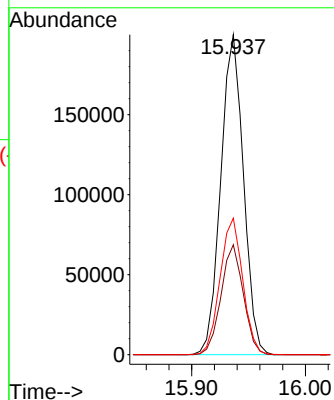
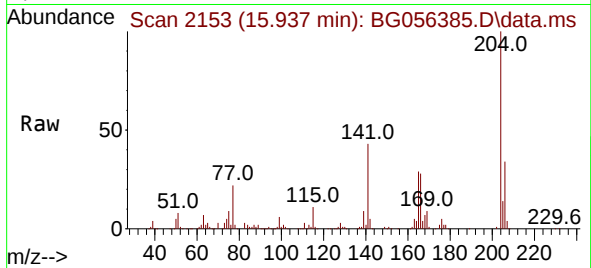




#61  
4-Chlorophenyl-phenylether  
Concen: 44.807 ng  
RT: 15.937 min Scan# 2153  
Delta R.T. -0.007 min  
Lab File: BG056385.D  
Acq: 23 Jan 2023 15:42

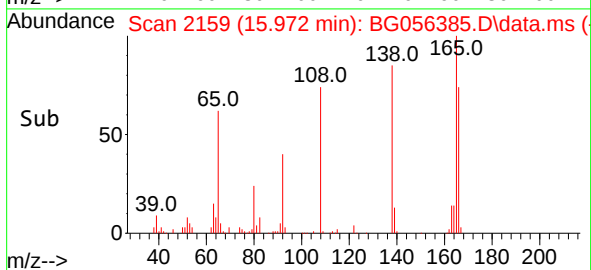
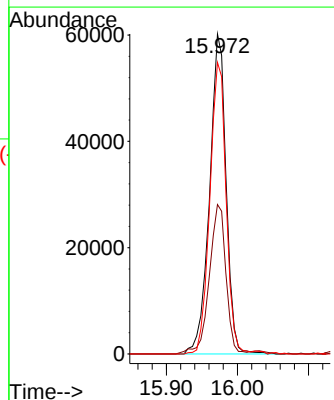
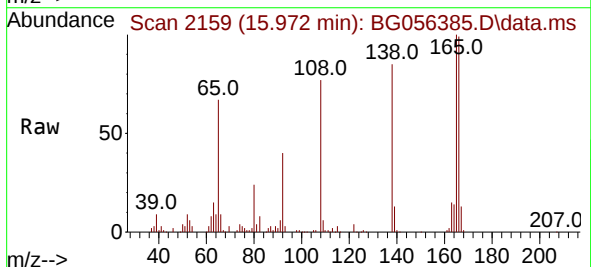
Instrument :  
BNA\_G  
ClientSampleId :  
COMP-1-2-3AMSD

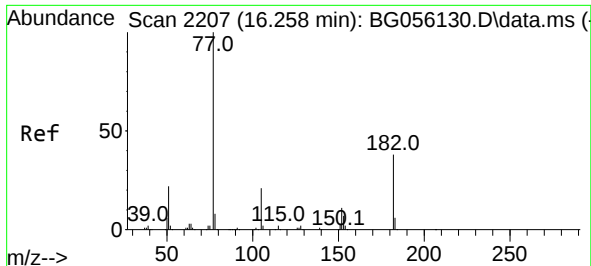
Tgt Ion:204 Resp: 277211  
Ion Ratio Lower Upper  
204 100  
206 34.3 26.4 39.6  
141 42.6 33.0 49.4



#62  
4-Nitroaniline  
Concen: 46.686 ng  
RT: 15.972 min Scan# 2159  
Delta R.T. -0.007 min  
Lab File: BG056385.D  
Acq: 23 Jan 2023 15:42

Tgt Ion:138 Resp: 97462  
Ion Ratio Lower Upper  
138 100  
92 46.7 28.6 68.6  
108 91.1 83.4 123.4



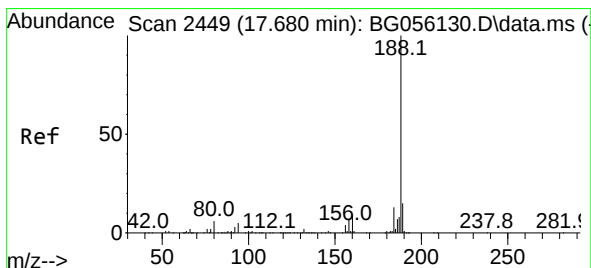
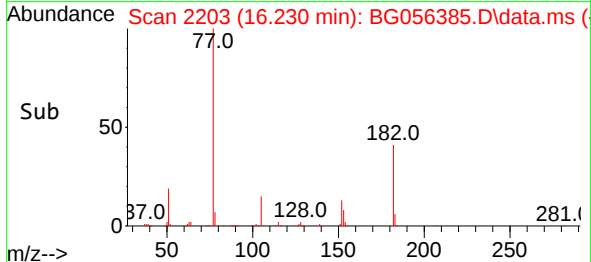
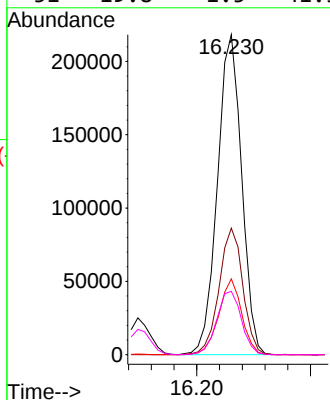
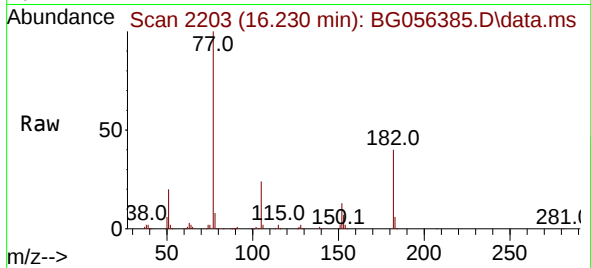


#63  
Azobenzene  
Concen: 44.394 ng  
RT: 16.230 min Scan# 21  
Delta R.T. -0.007 min  
Lab File: BG056385.D  
Acq: 23 Jan 2023 15:42

Instrument :  
BNA\_G  
ClientSampleId :  
COMP-1-2-3AMSD

Tgt Ion: 77 Resp: 322875

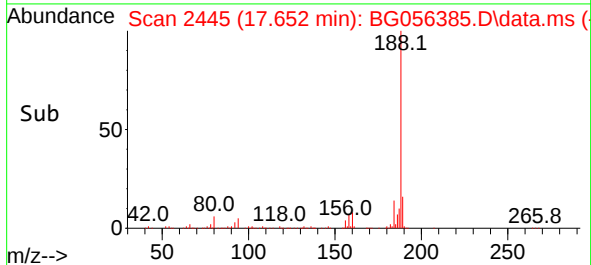
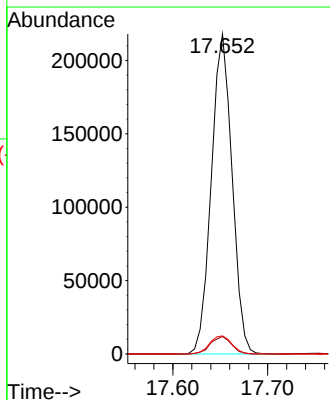
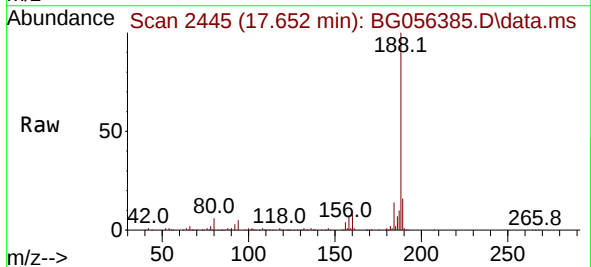
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 182 | 39.5  | 18.5  | 58.5  |
| 105 | 23.7  | 1.4   | 41.4  |
| 51  | 19.8  | 1.5   | 41.5  |

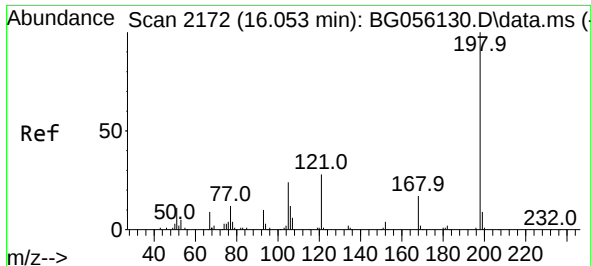


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.652 min Scan# 2445  
Delta R.T. -0.007 min  
Lab File: BG056385.D  
Acq: 23 Jan 2023 15:42

Tgt Ion: 188 Resp: 330983

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 188 | 100   |       |       |
| 94  | 5.4   | 4.2   | 6.2   |
| 80  | 5.6   | 5.0   | 7.4   |

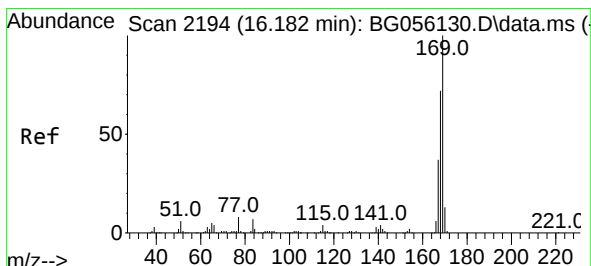
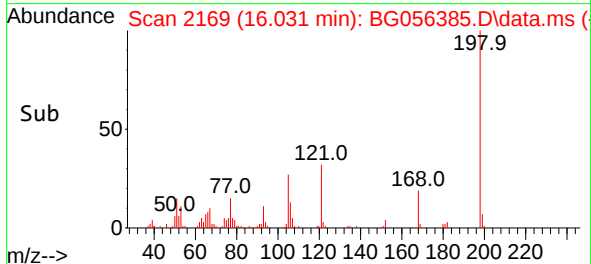
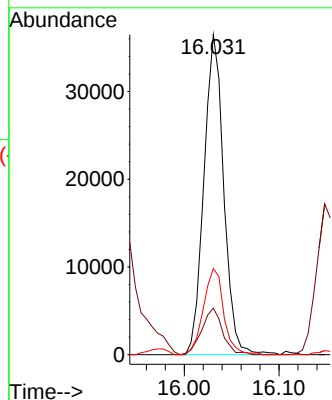
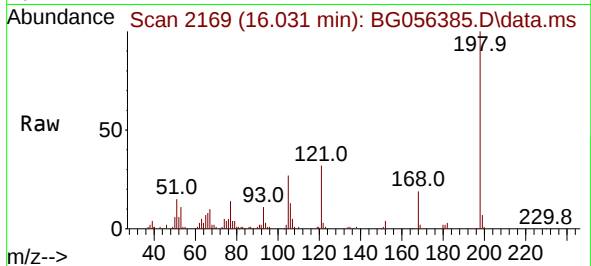




#65  
4,6-Dinitro-2-methylphenol  
Concen: 23.723 ng  
RT: 16.031 min Scan# 2172  
Delta R.T. -0.002 min  
Lab File: BG056385.D  
Acq: 23 Jan 2023 15:42

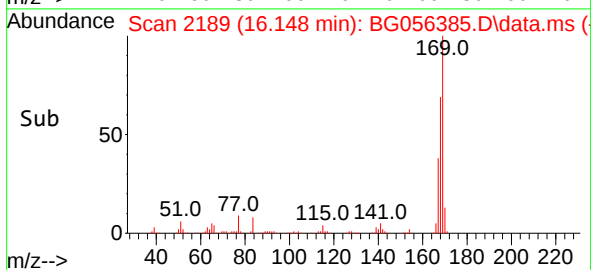
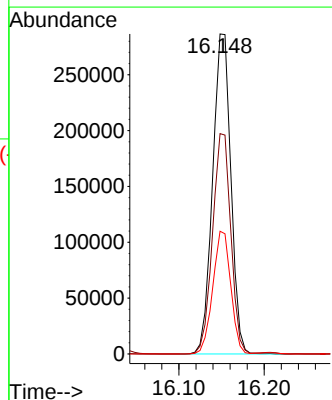
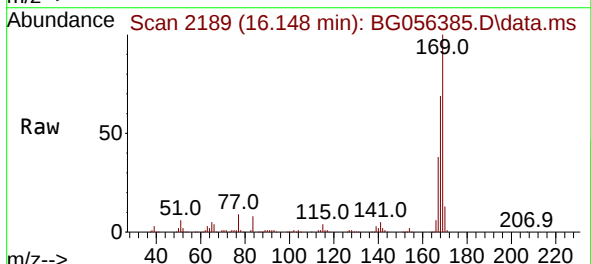
Instrument :  
BNA\_G  
ClientSampleId :  
COMP-1-2-3AMSD

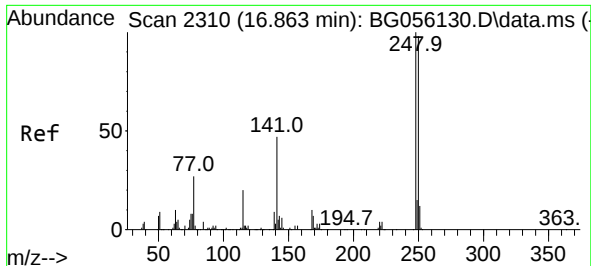
Tgt Ion:198 Resp: 52901  
Ion Ratio Lower Upper  
198 100  
51 14.6 0.0 33.2  
105 26.9 4.9 44.9



#66  
n-Nitrosodiphenylamine  
Concen: 46.392 ng  
RT: 16.148 min Scan# 2189  
Delta R.T. -0.007 min  
Lab File: BG056385.D  
Acq: 23 Jan 2023 15:42

Tgt Ion:169 Resp: 426031  
Ion Ratio Lower Upper  
169 100  
168 68.8 58.0 87.0  
167 38.4 30.0 45.0

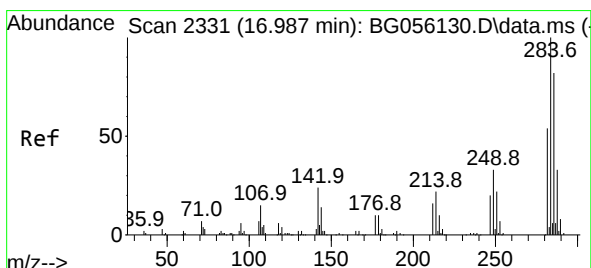
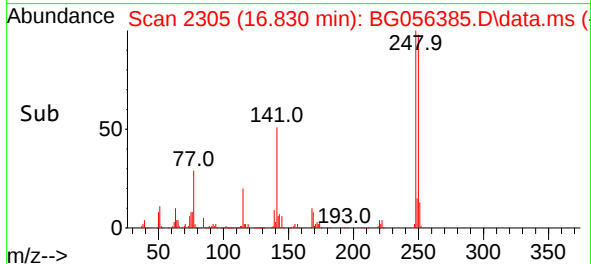
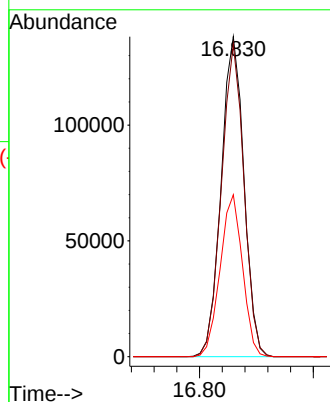
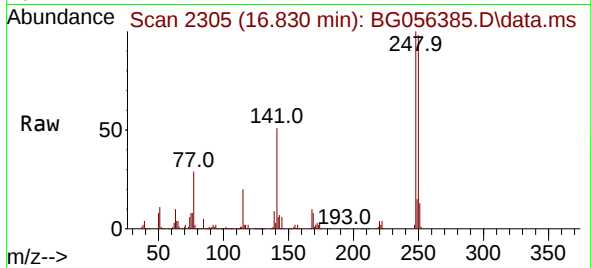




#67  
4-Bromophenyl-phenylether  
Concen: 45.605 ng  
RT: 16.830 min Scan# 21  
Delta R.T. -0.007 min  
Lab File: BG056385.D  
Acq: 23 Jan 2023 15:42

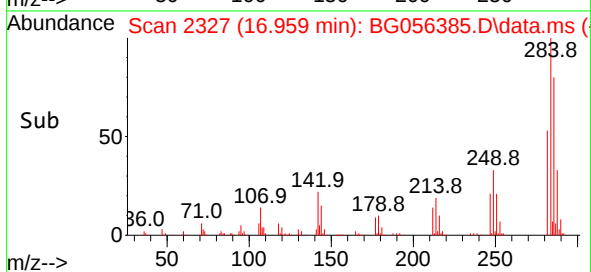
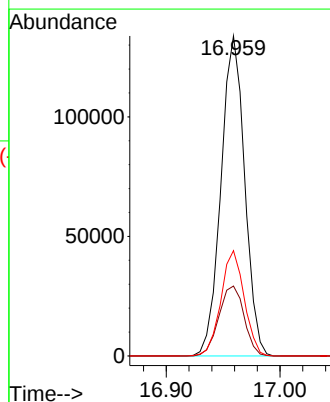
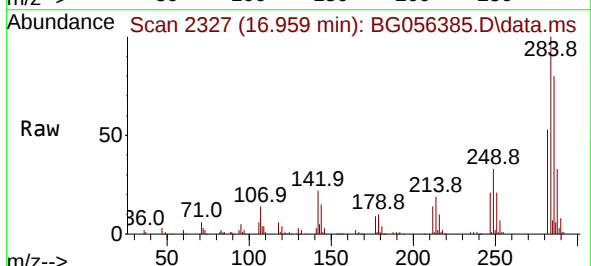
Instrument :  
BNA\_G  
ClientSampleId :  
COMP-1-2-3AMSD

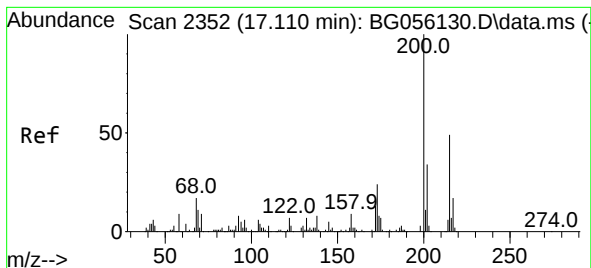
Tgt Ion:248 Resp: 192215  
Ion Ratio Lower Upper  
248 100  
250 97.6 78.2 117.4  
141 50.6 37.6 56.4



#68  
Hexachlorobenzene  
Concen: 49.272 ng  
RT: 16.959 min Scan# 2327  
Delta R.T. -0.007 min  
Lab File: BG056385.D  
Acq: 23 Jan 2023 15:42

Tgt Ion:284 Resp: 193752  
Ion Ratio Lower Upper  
284 100  
142 21.9 19.0 28.6  
249 32.9 26.6 39.8





#69

Atrazine

Concen: 48.648 ng

RT: 17.082 min Scan# 21

Delta R.T. -0.007 min

Lab File: BG056385.D

Acq: 23 Jan 2023 15:42

Instrument :

BNA\_G

ClientSampleId :

COMP-1-2-3AMSD

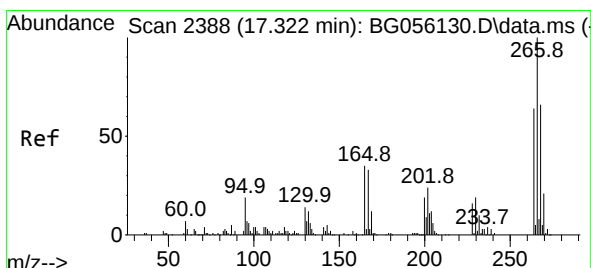
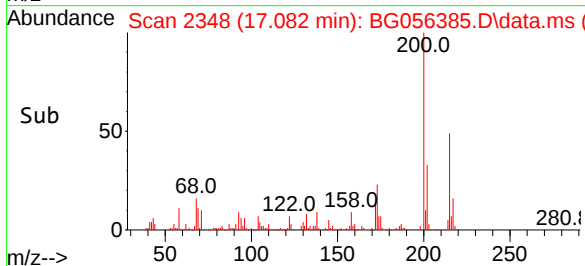
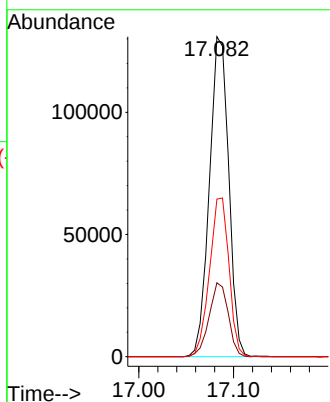
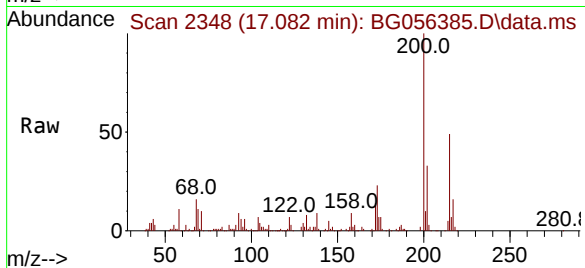
Tgt Ion:200 Resp: 185151

Ion Ratio Lower Upper

200 100

173 23.1 4.0 44.0

215 49.2 29.1 69.1



#70

Pentachlorophenol

Concen: 68.424 ng

RT: 17.300 min Scan# 2385

Delta R.T. -0.007 min

Lab File: BG056385.D

Acq: 23 Jan 2023 15:42

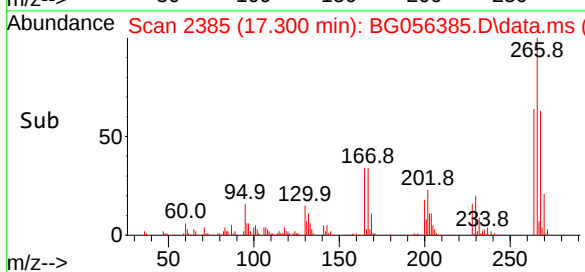
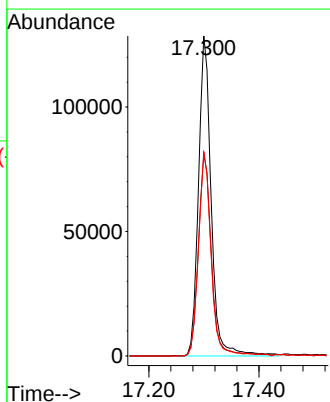
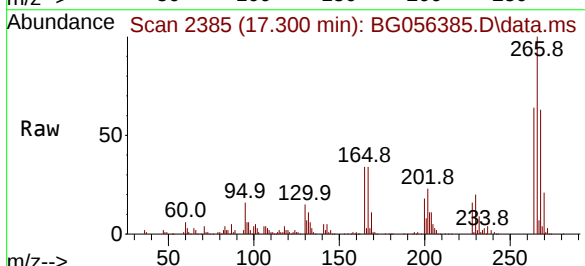
Tgt Ion:266 Resp: 206684

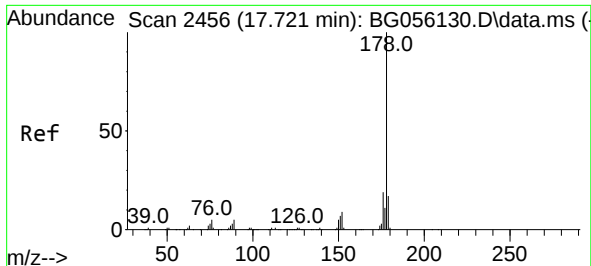
Ion Ratio Lower Upper

266 100

268 67.5 53.0 79.4

264 63.9 51.4 77.2

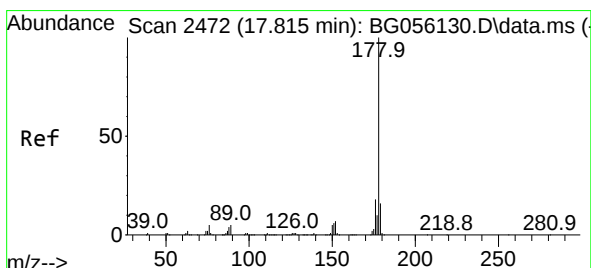
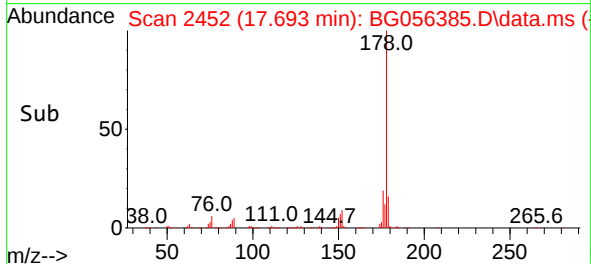
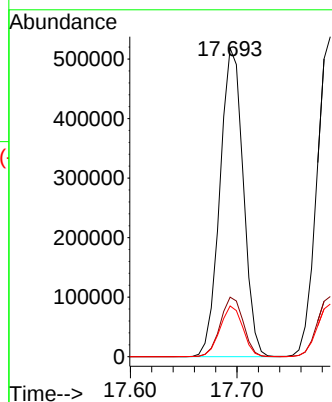
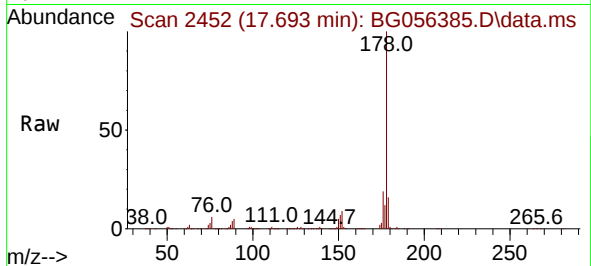




#71  
 Phenanthrene  
 Concen: 45.927 ng  
 RT: 17.693 min Scan# 2456  
 Delta R.T. -0.007 min  
 Lab File: BG056385.D  
 Acq: 23 Jan 2023 15:42

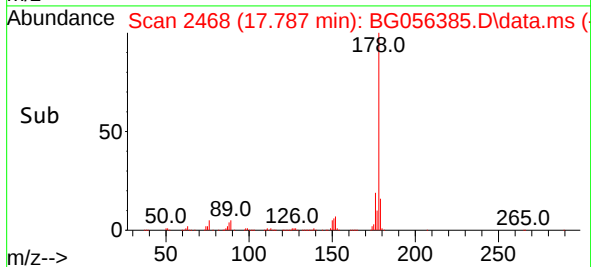
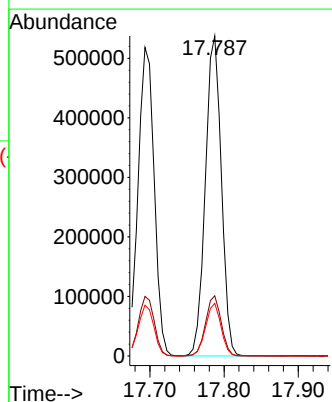
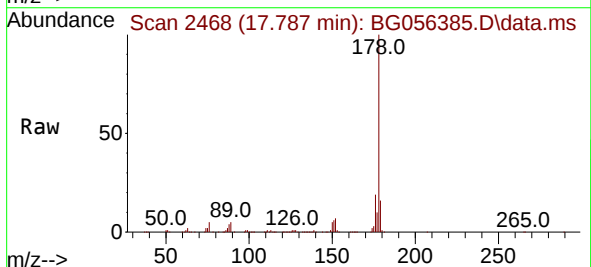
Instrument :  
 BNA\_G  
 ClientSampleId :  
 COMP-1-2-3AMSD

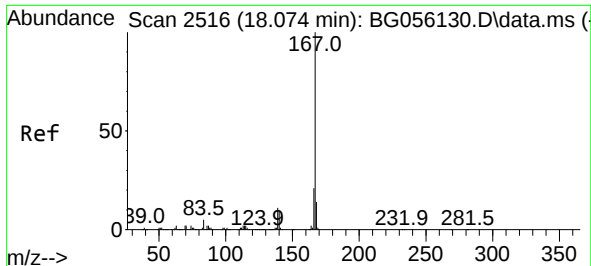
Tgt Ion:178 Resp: 787774  
 Ion Ratio Lower Upper  
 178 100  
 176 19.3 15.4 23.0  
 179 16.5 13.6 20.4



#72  
 Anthracene  
 Concen: 45.530 ng  
 RT: 17.787 min Scan# 2468  
 Delta R.T. -0.007 min  
 Lab File: BG056385.D  
 Acq: 23 Jan 2023 15:42

Tgt Ion:178 Resp: 805607  
 Ion Ratio Lower Upper  
 178 100  
 176 18.8 14.6 22.0  
 179 16.4 12.7 19.1

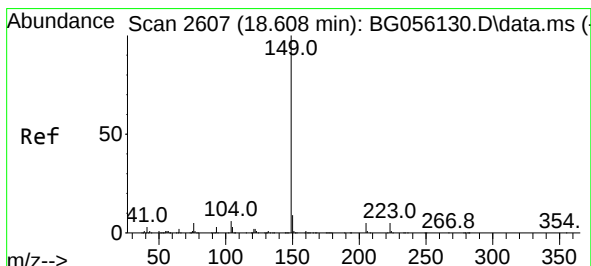
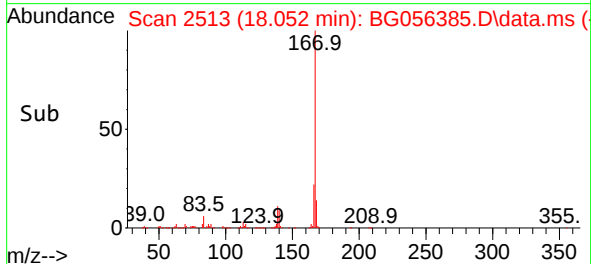
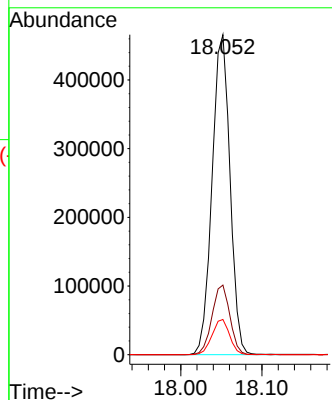
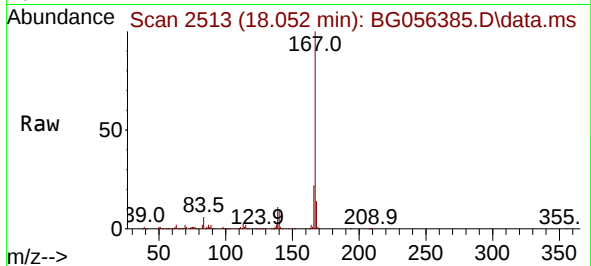




#73  
 Carbazole  
 Concen: 47.942 ng  
 RT: 18.052 min Scan# 21  
 Delta R.T. -0.002 min  
 Lab File: BG056385.D  
 Acq: 23 Jan 2023 15:42

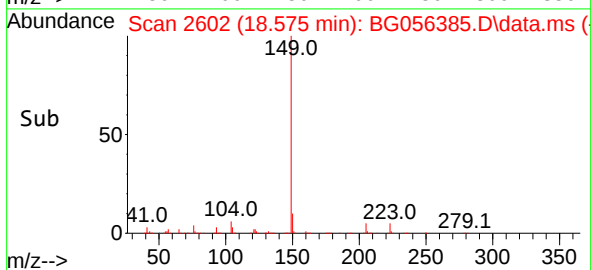
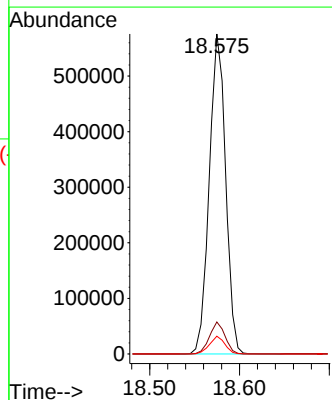
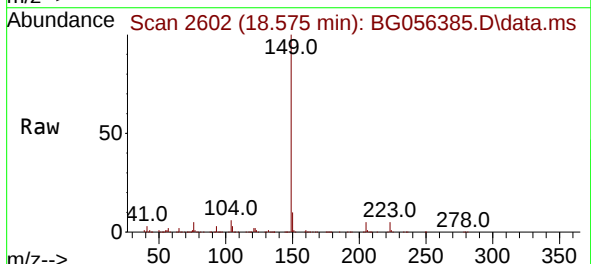
Instrument :  
 BNA\_G  
 ClientSampleId :  
 COMP-1-2-3AMSD

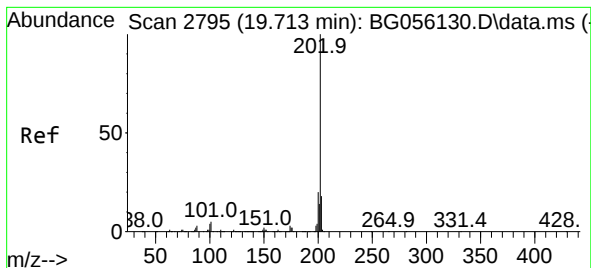
Tgt Ion:167 Resp: 713042  
 Ion Ratio Lower Upper  
 167 100  
 166 21.8 16.8 25.2  
 139 11.0 8.9 13.3



#74  
 Di-n-butylphthalate  
 Concen: 49.096 ng  
 RT: 18.575 min Scan# 2602  
 Delta R.T. -0.007 min  
 Lab File: BG056385.D  
 Acq: 23 Jan 2023 15:42

Tgt Ion:149 Resp: 727915  
 Ion Ratio Lower Upper  
 149 100  
 150 10.0 7.4 11.2  
 104 5.5 4.4 6.6





#75

Fluoranthene

Concen: 42.997 ng

RT: 19.685 min Scan# 21

Delta R.T. -0.007 min

Lab File: BG056385.D

Acq: 23 Jan 2023 15:42

Instrument :

BNA\_G

ClientSampleId :

COMP-1-2-3AMSD

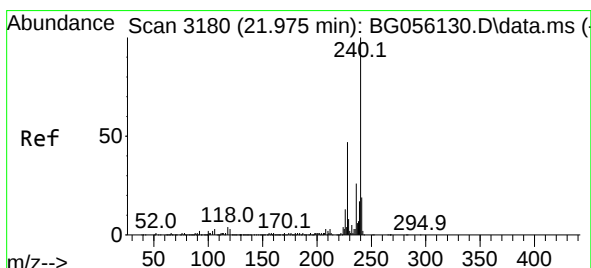
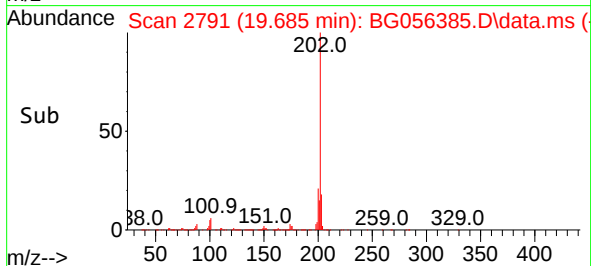
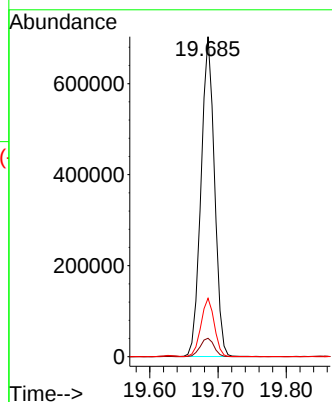
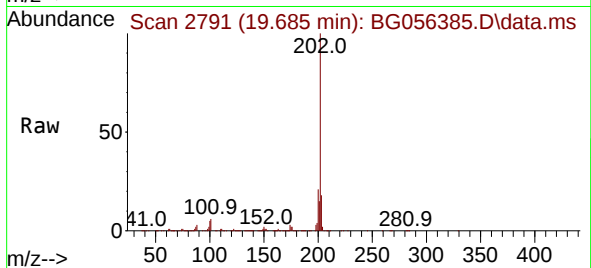
Tgt Ion:202 Resp: 962022

Ion Ratio Lower Upper

202 100

101 5.7 0.0 25.0

203 18.3 0.0 38.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.947 min Scan# 3176

Delta R.T. -0.007 min

Lab File: BG056385.D

Acq: 23 Jan 2023 15:42

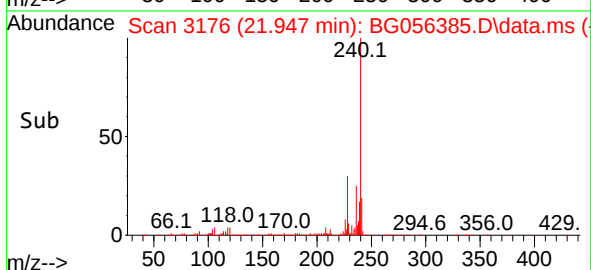
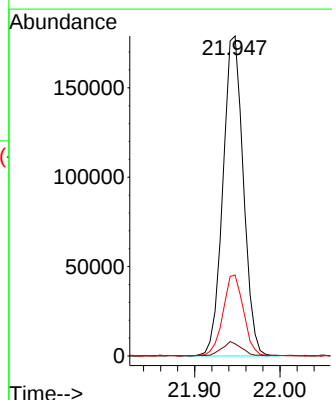
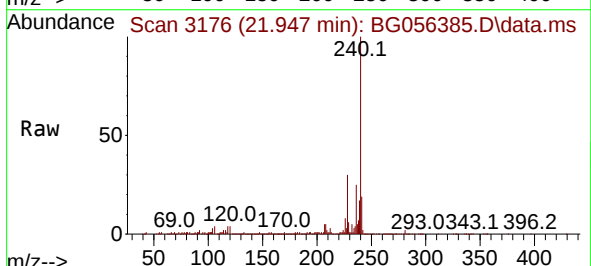
Tgt Ion:240 Resp: 298390

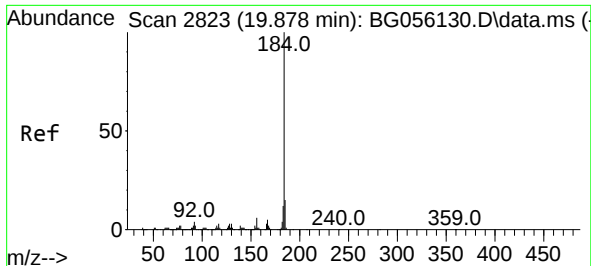
Ion Ratio Lower Upper

240 100

120 3.8 2.6 4.0

236 25.3 20.8 31.2

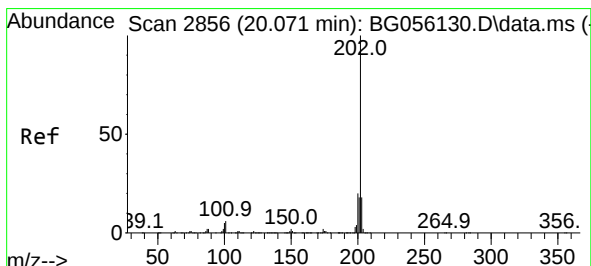
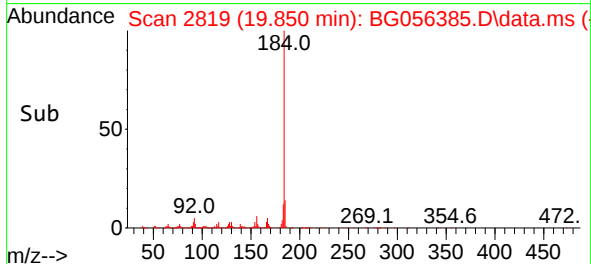
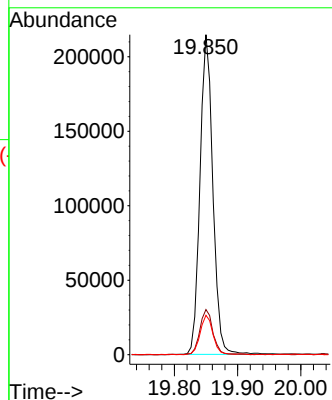
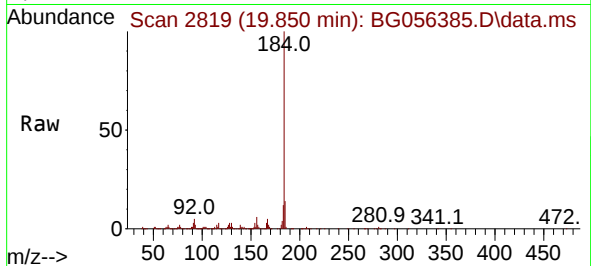




#77  
Benzidine  
Concen: 28.974 ng  
RT: 19.850 min Scan# 21  
Delta R.T. -0.007 min  
Lab File: BG056385.D  
Acq: 23 Jan 2023 15:42

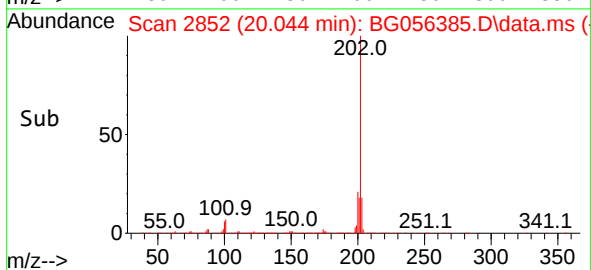
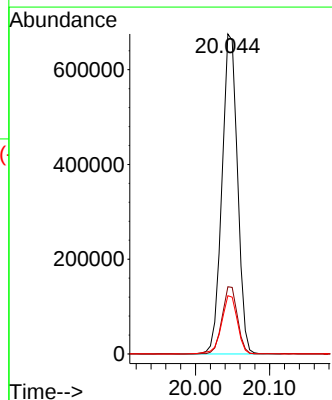
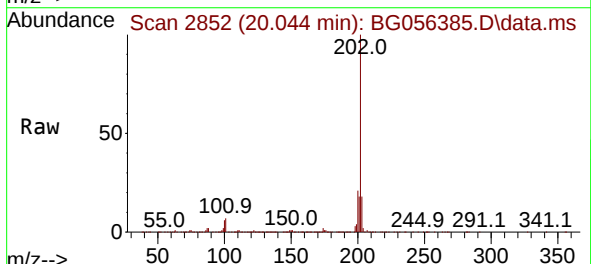
Instrument :  
BNA\_G  
ClientSampleId :  
COMP-1-2-3AMSD

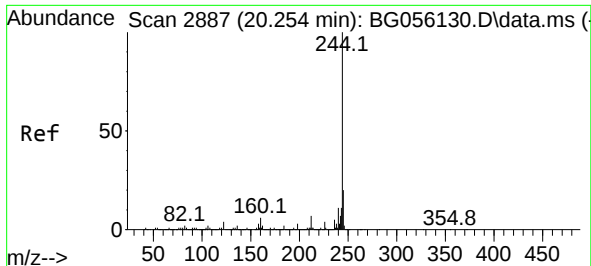
Tgt Ion:184 Resp: 302973  
Ion Ratio Lower Upper  
184 100  
185 14.1 12.2 18.2  
183 12.3 9.4 14.0



#78  
Pyrene  
Concen: 46.698 ng  
RT: 20.044 min Scan# 2852  
Delta R.T. -0.007 min  
Lab File: BG056385.D  
Acq: 23 Jan 2023 15:42

Tgt Ion:202 Resp: 982155  
Ion Ratio Lower Upper  
202 100  
200 21.0 16.4 24.6  
203 18.2 14.3 21.5

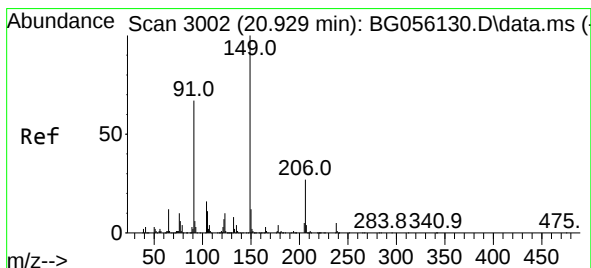
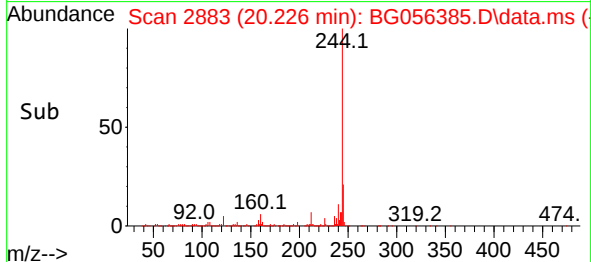
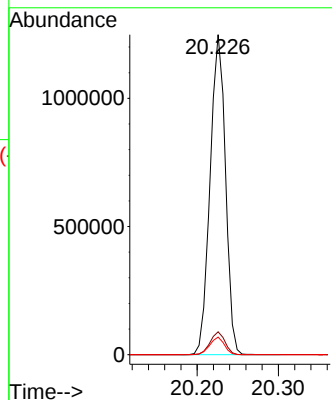
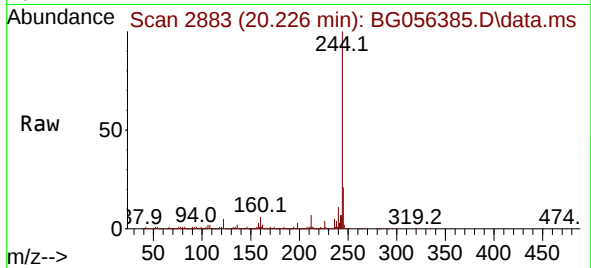




#79  
 Terphenyl-d14  
 Concen: 98.304 ng  
 RT: 20.226 min Scan# 21  
 Delta R.T. -0.007 min  
 Lab File: BG056385.D  
 Acq: 23 Jan 2023 15:42

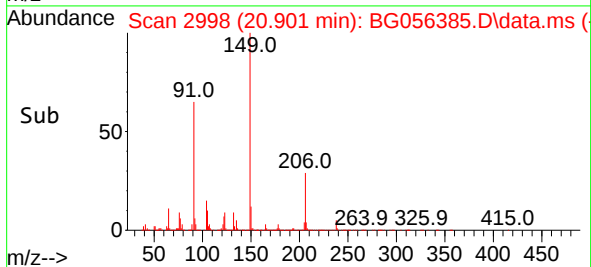
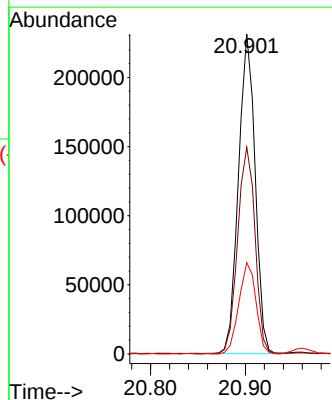
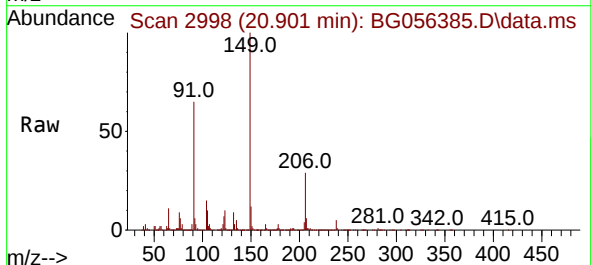
Instrument :  
 BNA\_G  
 ClientSampleId :  
 COMP-1-2-3AMSD

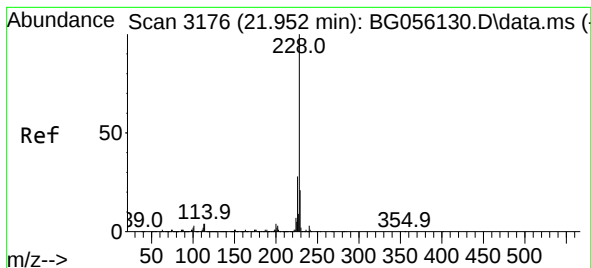
Tgt Ion:244 Resp: 1637744  
 Ion Ratio Lower Upper  
 244 100  
 212 7.2 5.7 8.5  
 122 5.5 3.5 5.3#



#80  
 Butylbenzylphthalate  
 Concen: 46.736 ng  
 RT: 20.901 min Scan# 2998  
 Delta R.T. -0.007 min  
 Lab File: BG056385.D  
 Acq: 23 Jan 2023 15:42

Tgt Ion:149 Resp: 281995  
 Ion Ratio Lower Upper  
 149 100  
 91 64.6 53.5 80.3  
 206 28.6 21.9 32.9





#81

Benzo(a)anthracene

Concen: 44.722 ng

RT: 21.924 min Scan# 3172

Delta R.T. -0.007 min

Lab File: BG056385.D

Acq: 23 Jan 2023 15:42

Instrument :

BNA\_G

ClientSampleId :

COMP-1-2-3AMSD

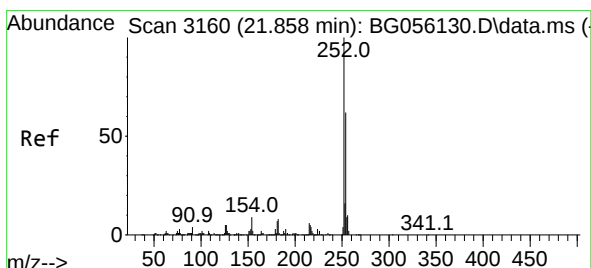
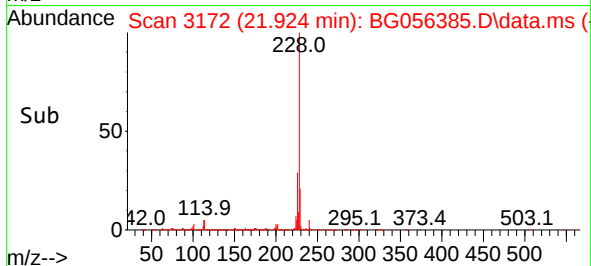
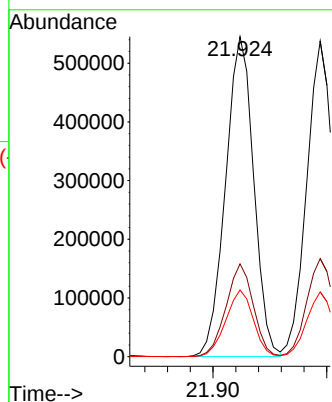
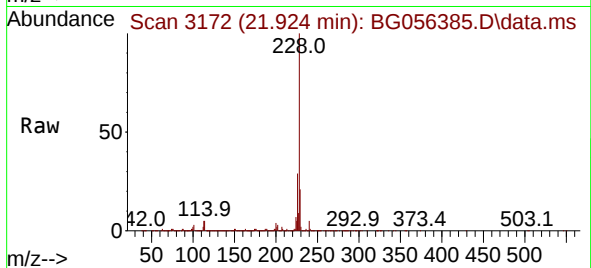
Tgt Ion:228 Resp: 937277

Ion Ratio Lower Upper

228 100

226 29.0 22.6 34.0

229 20.9 16.9 25.3



#82

3,3'-Dichlorobenzidine

Concen: 25.796 ng

RT: 21.824 min Scan# 3155

Delta R.T. -0.007 min

Lab File: BG056385.D

Acq: 23 Jan 2023 15:42

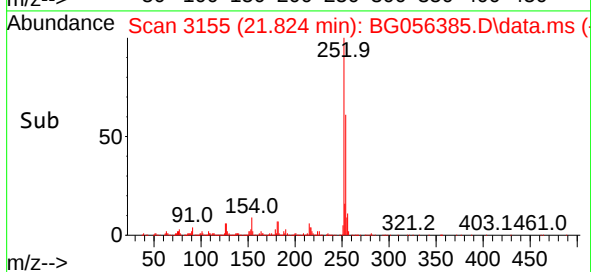
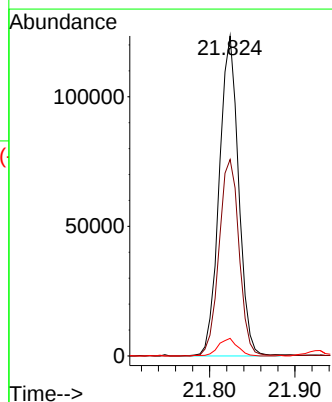
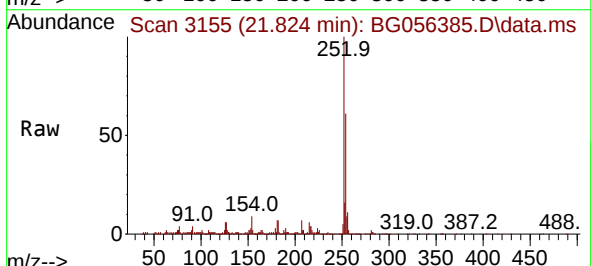
Tgt Ion:252 Resp: 194620

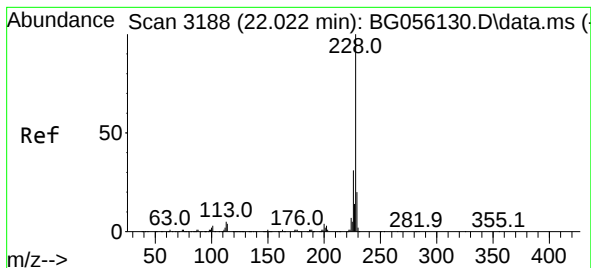
Ion Ratio Lower Upper

252 100

254 61.4 49.5 74.3

126 5.5 4.0 6.0





#83

Chrysene

Concen: 44.681 ng

RT: 21.994 min Scan# 31

Delta R.T. -0.007 min

Lab File: BG056385.D

Acq: 23 Jan 2023 15:42

Instrument :

BNA\_G

ClientSampleId :

COMP-1-2-3AMSD

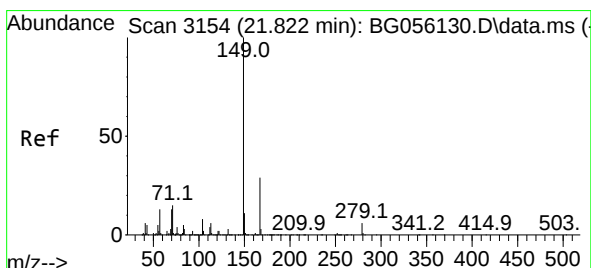
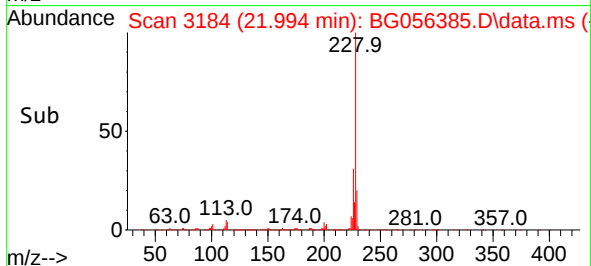
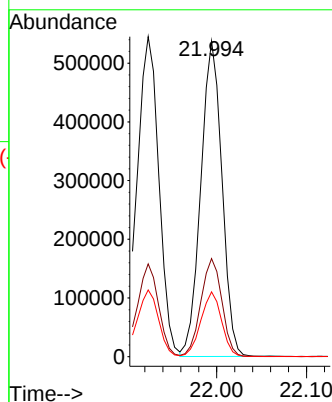
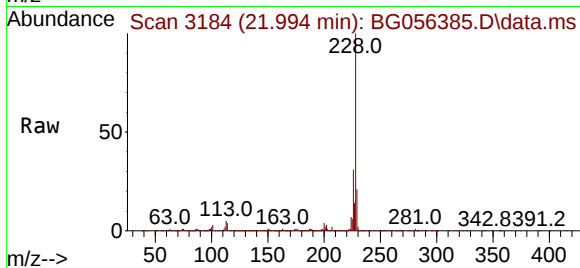
Tgt Ion:228 Resp: 877160

Ion Ratio Lower Upper

228 100

226 31.1 24.6 36.8

229 20.5 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.085 ng

RT: 21.783 min Scan# 3148

Delta R.T. -0.013 min

Lab File: BG056385.D

Acq: 23 Jan 2023 15:42

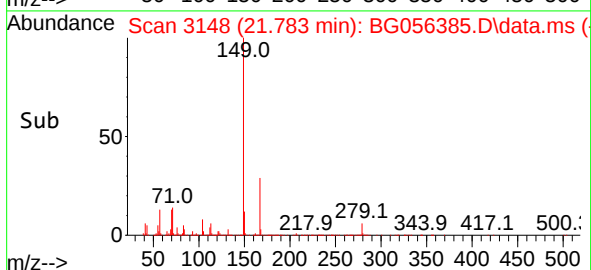
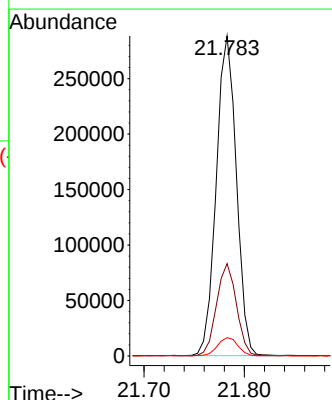
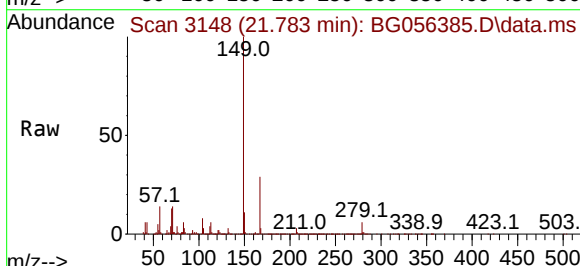
Tgt Ion:149 Resp: 400617

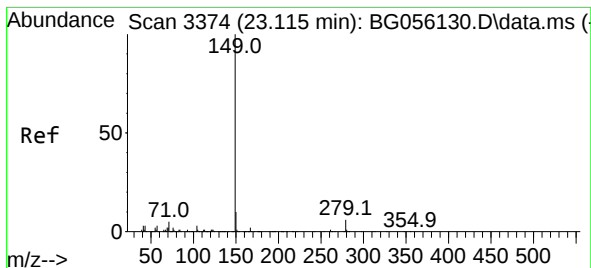
Ion Ratio Lower Upper

149 100

167 28.9 23.4 35.2

279 5.7 4.7 7.1





#85

Di-n-octyl phthalate

Concen: 46.285 ng

RT: 23.058 min Scan# 31

Delta R.T. -0.013 min

Lab File: BG056385.D

Acq: 23 Jan 2023 15:42

Instrument :

BNA\_G

ClientSampleId :

COMP-1-2-3AMSD

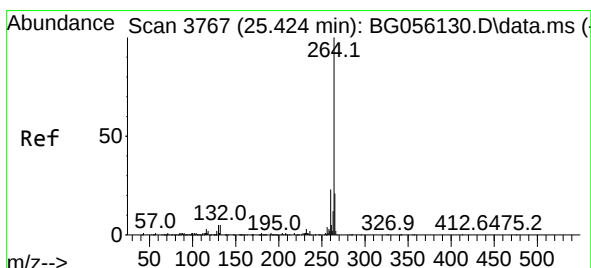
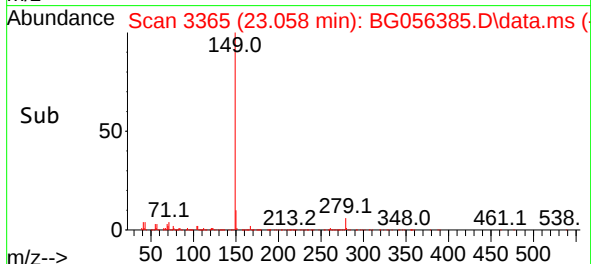
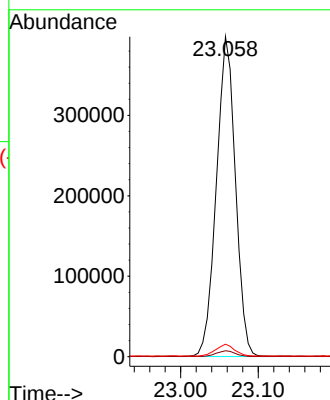
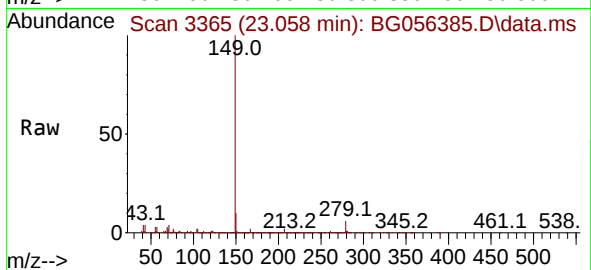
Tgt Ion:149 Resp: 679249

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.2

43 3.6 2.9 4.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.379 min Scan# 3760

Delta R.T. -0.013 min

Lab File: BG056385.D

Acq: 23 Jan 2023 15:42

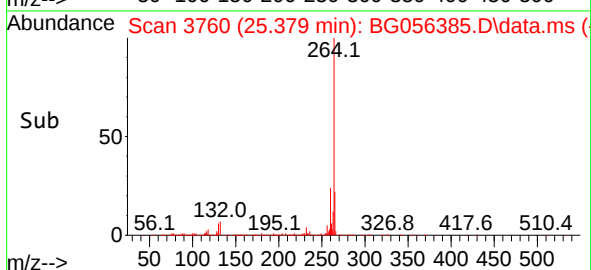
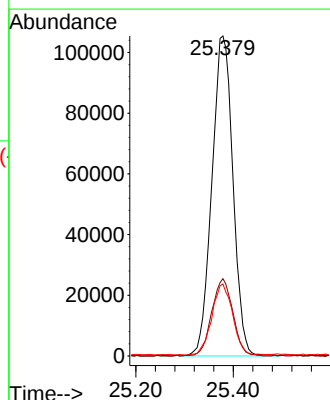
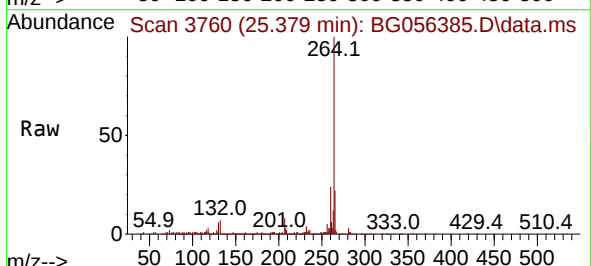
Tgt Ion:264 Resp: 315828

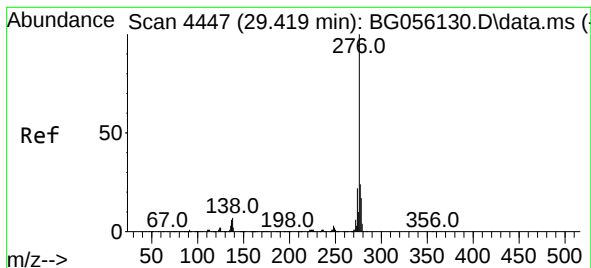
Ion Ratio Lower Upper

264 100

260 24.2 18.6 28.0

265 22.5 16.7 25.1





#87

Indeno(1,2,3-cd)pyrene

Concen: 46.990 ng

RT: 29.344 min Scan# 4447

Delta R.T. -0.013 min

Lab File: BG056385.D

Acq: 23 Jan 2023 15:42

Instrument :

BNA\_G

ClientSampleId :

COMP-1-2-3AMSD

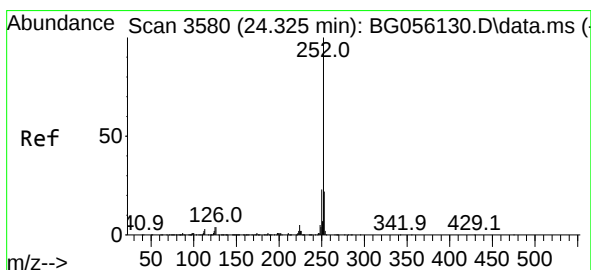
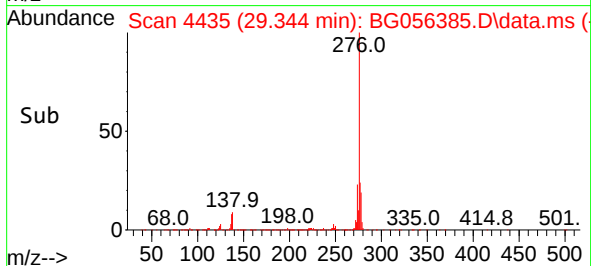
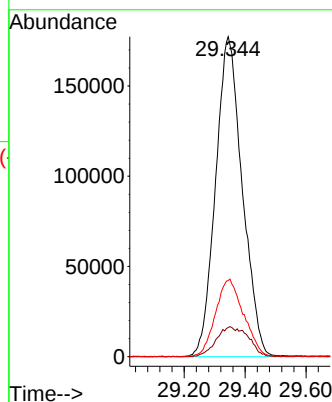
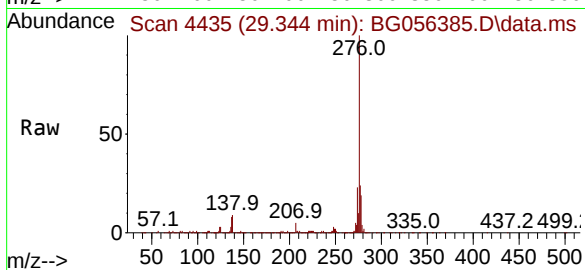
Tgt Ion:276 Resp: 1079304

Ion Ratio Lower Upper

276 100

138 11.2 5.0 7.4#

277 25.6 20.5 30.7



#88

Benzo(b)fluoranthene

Concen: 47.796 ng

RT: 24.280 min Scan# 3573

Delta R.T. -0.013 min

Lab File: BG056385.D

Acq: 23 Jan 2023 15:42

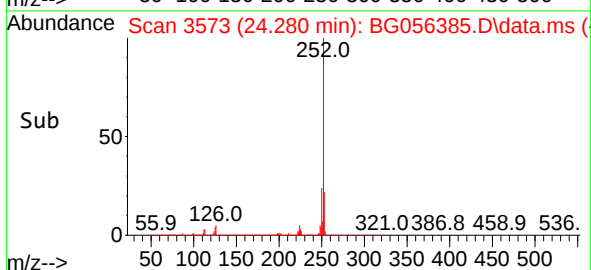
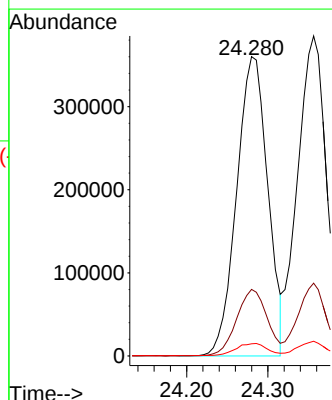
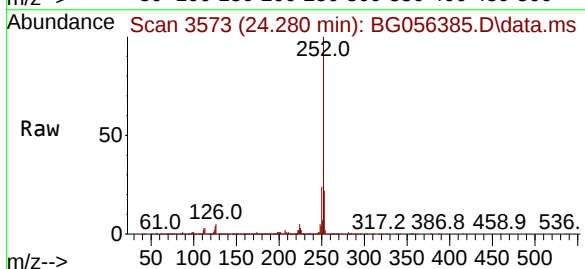
Tgt Ion:252 Resp: 959092

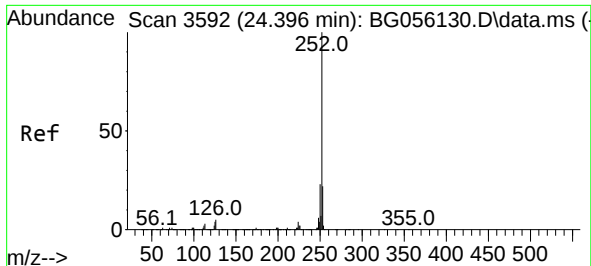
Ion Ratio Lower Upper

252 100

253 22.3 17.4 26.2

125 4.1 3.0 4.4

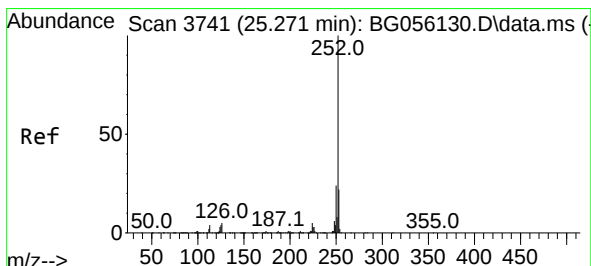
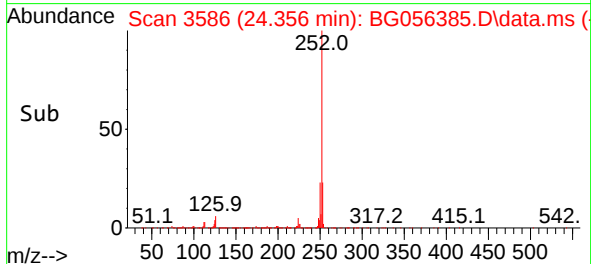
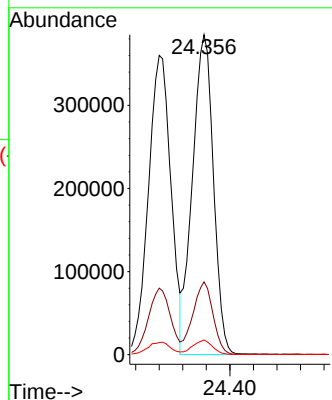
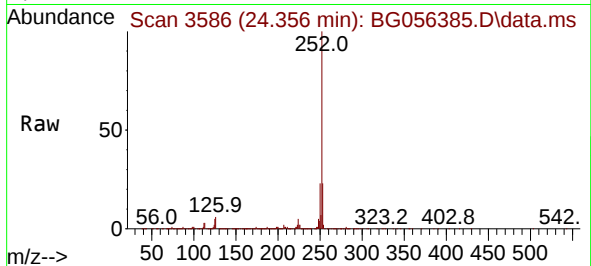




#89  
Benzo(k)fluoranthene  
Concen: 47.591 ng  
RT: 24.356 min Scan# 31  
Delta R.T. -0.013 min  
Lab File: BG056385.D  
Acq: 23 Jan 2023 15:42

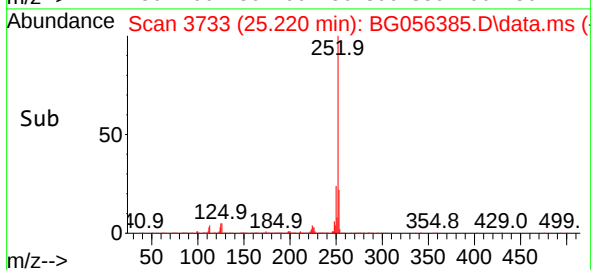
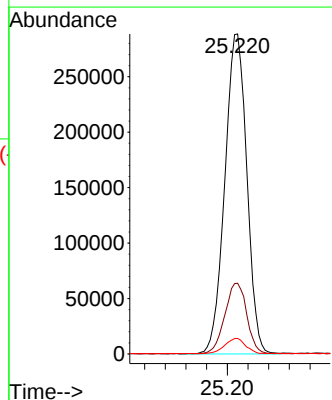
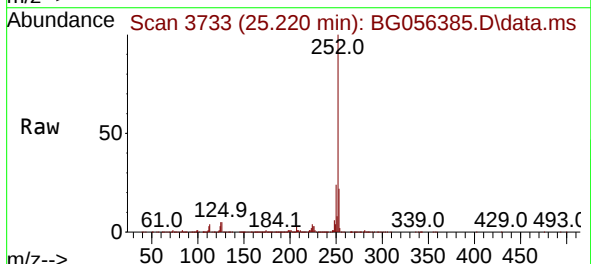
Instrument :  
BNA\_G  
ClientSampleId :  
COMP-1-2-3AMSD

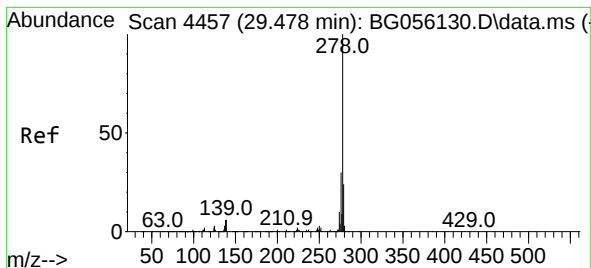
Tgt Ion:252 Resp: 950975  
Ion Ratio Lower Upper  
252 100  
253 22.8 17.5 26.3  
125 4.6 3.4 5.0



#90  
Benzo(a)pyrene  
Concen: 43.564 ng  
RT: 25.220 min Scan# 3733  
Delta R.T. -0.007 min  
Lab File: BG056385.D  
Acq: 23 Jan 2023 15:42

Tgt Ion:252 Resp: 852639  
Ion Ratio Lower Upper  
252 100  
253 22.1 17.4 26.2  
125 4.9 3.2 4.8#





#91

Dibenzo(a,h)anthracene

Concen: 47.597 ng

RT: 29.403 min Scan# 4445

Delta R.T. -0.007 min

Lab File: BG056385.D

Acq: 23 Jan 2023 15:42

Instrument :

BNA\_G

ClientSampleId :

COMP-1-2-3AMSD

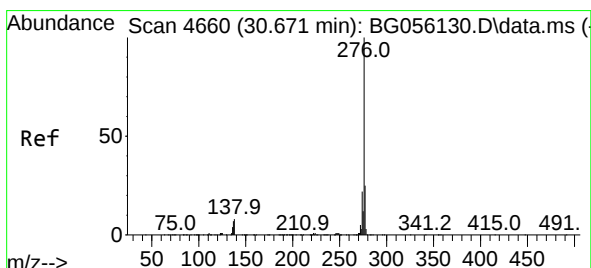
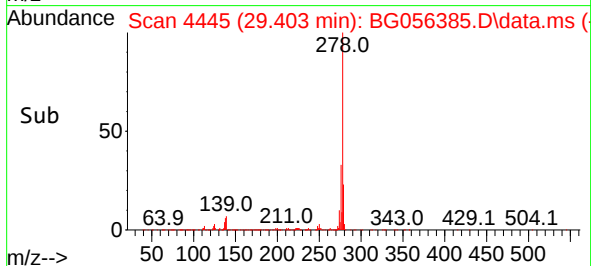
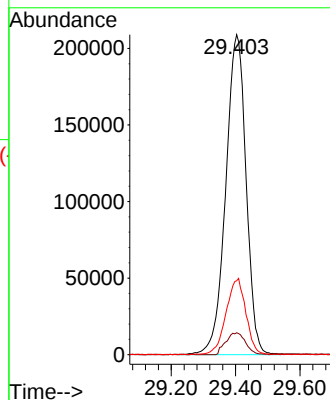
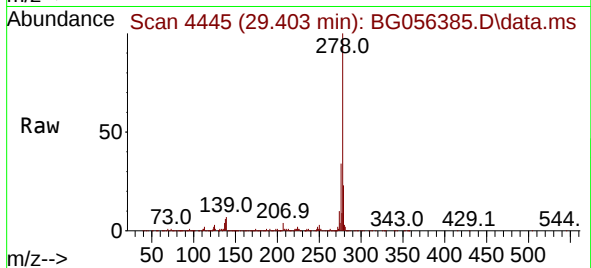
Tgt Ion:278 Resp: 916589

Ion Ratio Lower Upper

278 100

139 6.8 4.8 7.2

279 23.1 19.0 28.4



#92

Benzo(g,h,i)perylene

Concen: 46.546 ng

RT: 30.590 min Scan# 4647

Delta R.T. -0.007 min

Lab File: BG056385.D

Acq: 23 Jan 2023 15:42

Tgt Ion:276 Resp: 869216

Ion Ratio Lower Upper

276 100

277 24.7 19.7 29.5

138 8.7 6.7 10.1

