

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG020623\  
 Data File : BG056557.D  
 Acq On : 6 Feb 2023 16:24  
 Operator : CG/JU  
 Sample : 01442-01MSD  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 B-01-SB02MSD

Quant Time: Feb 07 04:34:02 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG012723.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Feb 07 04:30:04 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.276  | 152  | 36869    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 11.108 | 136  | 135736   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.898 | 164  | 104555   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.636 | 188  | 264553   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 21.931 | 240  | 250528   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 25.350 | 264  | 272784   | 20.000  | ng    | -0.01    |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.797  | 112  | 269646   | 134.540 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.424  | 99   | 368633   | 124.137 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.451  | 82   | 187571   | 78.470  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.384 | 330  | 169726   | 122.105 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.523 | 172  | 565667   | 75.009  | ng    | 0.00     |
| 79) Terphenyl-d14             | 20.209 | 244  | 1055247  | 73.980  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.594  | 88   | 36436    | 43.660  | ng    | 93       |
| 3) Pyridine                   | 4.017  | 79   | 99433    | 39.970  | ng    | 97       |
| 4) n-Nitrosodimethylamine     | 3.929  | 42   | 23579    | 44.570  | ng    | # 93     |
| 6) Aniline                    | 7.589  | 93   | 103842   | 26.708  | ng    | 95       |
| 8) 2-Chlorophenol             | 7.836  | 128  | 109830   | 49.884  | ng    | 98       |
| 9) Benzaldehyde               | 7.401  | 77   | 62502    | 49.924  | ng    | 96       |
| 10) Phenol                    | 7.454  | 94   | 148621   | 49.242  | ng    | 99       |
| 11) bis(2-Chloroethyl)ether   | 7.677  | 93   | 92754    | 44.710  | ng    | 98       |
| 12) 1,3-Dichlorobenzene       | 8.165  | 146  | 123991   | 48.912  | ng    | 98       |
| 13) 1,4-Dichlorobenzene       | 8.312  | 146  | 125870   | 49.029  | ng    | 98       |
| 14) 1,2-Dichlorobenzene       | 8.635  | 146  | 122111   | 49.025  | ng    | 99       |
| 15) Benzyl Alcohol            | 8.511  | 79   | 93369    | 45.827  | ng    | 97       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.793  | 45   | 20712    | 47.119  | ng    | 99       |
| 17) 2-Methylphenol            | 8.717  | 107  | 102794   | 44.768  | ng    | 95       |
| 18) Hexachloroethane          | 9.369  | 117  | 38389    | 49.440  | ng    | 92       |
| 19) n-Nitroso-di-n-propyla... | 9.075  | 70   | 69770    | 40.770  | ng    | 95       |
| 20) 3+4-Methylphenols         | 9.046  | 107  | 139486   | 43.348  | ng    | 99       |
| 22) Acetophenone              | 9.105  | 105  | 165121   | 45.784  | ng    | # 99     |
| 24) Nitrobenzene              | 9.498  | 77   | 107524   | 46.635  | ng    | 95       |
| 25) Isophorone                | 10.015 | 82   | 209639   | 42.511  | ng    | 99       |
| 26) 2-Nitrophenol             | 10.209 | 139  | 64518    | 46.120  | ng    | 99       |
| 27) 2,4-Dimethylphenol        | 10.262 | 122  | 116104   | 49.592  | ng    | 96       |
| 28) bis(2-Chloroethoxy)met... | 10.486 | 93   | 121739   | 44.687  | ng    | 97       |
| 29) 2,4-Dichlorophenol        | 10.750 | 162  | 129437   | 49.116  | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 10.967 | 180  | 139358   | 47.587  | ng    | 96       |
| 31) Naphthalene               | 11.161 | 128  | 328364   | 45.834  | ng    | 99       |
| 32) Benzoic acid              | 10.427 | 122  | 66098    | 50.462  | ng    | 92       |
| 33) 4-Chloroaniline           | 11.267 | 127  | 54217    | 16.212  | ng    | 97       |
| 34) Hexachlorobutadiene       | 11.431 | 225  | 97003    | 47.189  | ng    | 99       |
| 35) Caprolactam               | 12.048 | 113  | 29837    | 33.571  | ng    | 92       |
| 36) 4-Chloro-3-methylphenol   | 12.372 | 107  | 120083   | 47.184  | ng    | 95       |
| 37) 2-Methylnaphthalene       | 12.742 | 142  | 251349   | 42.556  | ng    | 99       |
| 38) 1-Methylnaphthalene       | 12.959 | 142  | 233137   | 42.265  | ng    | # 96     |
| 40) 1,2,4,5-Tetrachloroben... | 13.106 | 216  | 185103   | 48.459  | ng    | 100      |
| 41) Hexachlorocyclopentadiene | 13.077 | 237  | 158256   | 78.303  | ng    | 95       |
| 43) 2,4,6-Trichlorophenol     | 13.341 | 196  | 120576   | 48.984  | ng    | 99       |

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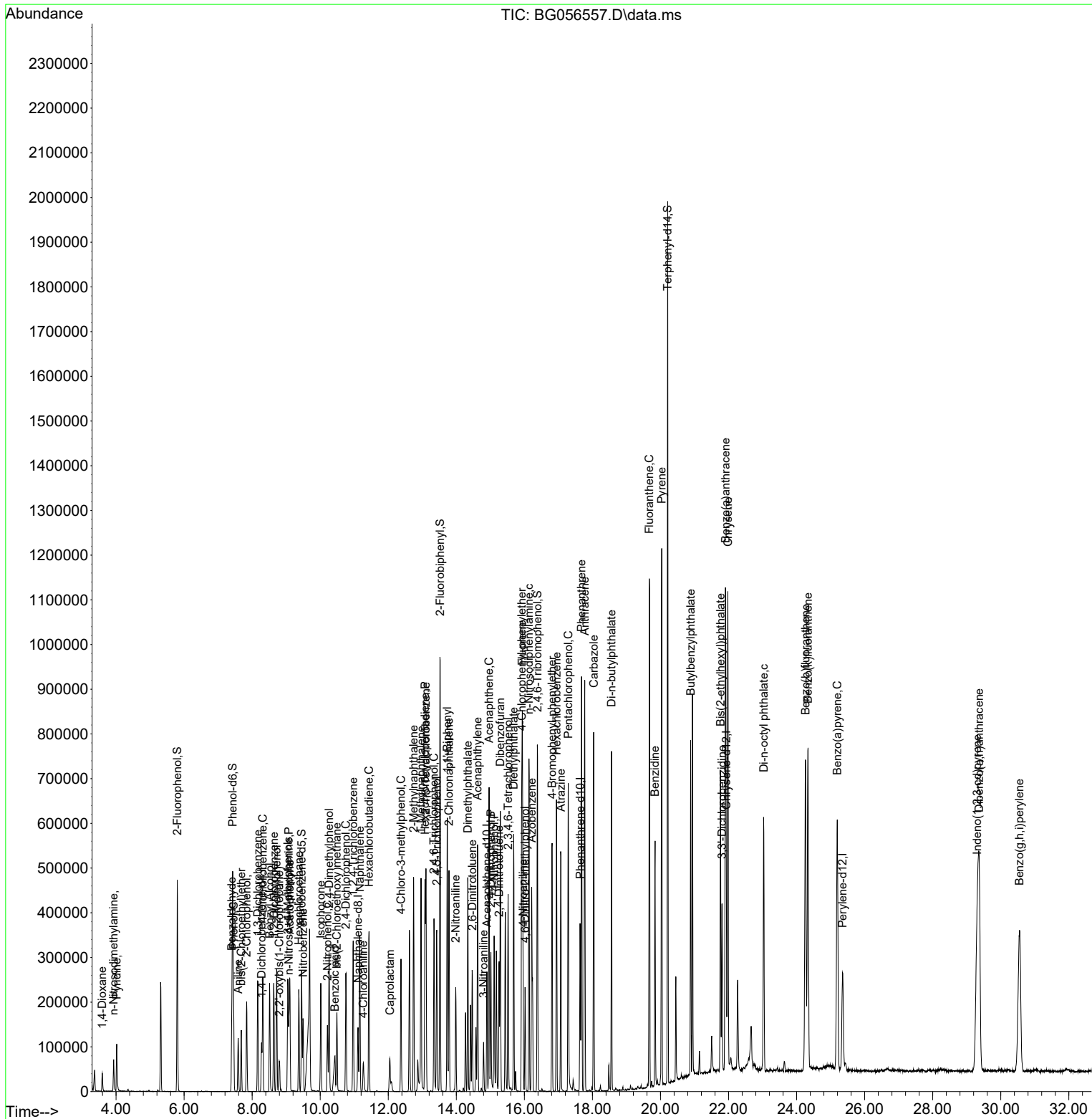
Quant Time: Feb 07 04:34:02 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG012723.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Feb 07 04:30:04 2023  
 Response via : Initial Calibration

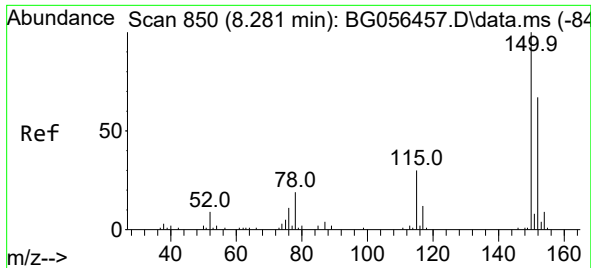
| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 13.423 | 196  | 131281   | 45.552  | ng    | 97       |
| 46) 1,1'-Biphenyl             | 13.735 | 154  | 358055   | 47.214  | ng    | 99       |
| 47) 2-Chloronaphthalene       | 13.782 | 162  | 285743   | 48.205  | ng    | 99       |
| 48) 2-Nitroaniline            | 13.981 | 65   | 56617    | 46.204  | ng    | 96       |
| 49) Acenaphthylene            | 14.622 | 152  | 446797   | 46.329  | ng    | 99       |
| 50) Dimethylphthalate         | 14.334 | 163  | 377044   | 44.574  | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 14.469 | 165  | 81800    | 44.344  | ng    | 97       |
| 52) Acenaphthene              | 14.963 | 154  | 263685   | 46.107  | ng    | 99       |
| 53) 3-Nitroaniline            | 14.798 | 138  | 38276    | 21.403  | ng    | 99       |
| 54) 2,4-Dinitrophenol         | 15.016 | 184  | 116301   | 100.567 | ng    | 97       |
| 55) Dibenzofuran              | 15.292 | 168  | 467881   | 45.618  | ng    | 99       |
| 56) 4-Nitrophenol             | 15.110 | 139  | 119650   | 97.915  | ng    | 98       |
| 57) 2,4-Dinitrotoluene        | 15.256 | 165  | 118744   | 45.700  | ng    | 99       |
| 58) Fluorene                  | 15.938 | 166  | 372337   | 45.623  | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.521 | 232  | 121963   | 47.596  | ng    | 99       |
| 60) Diethylphthalate          | 15.685 | 149  | 348915   | 43.928  | ng    | 98       |
| 61) 4-Chlorophenyl-phenyle... | 15.920 | 204  | 224859   | 45.153  | ng    | 98       |
| 62) 4-Nitroaniline            | 15.961 | 138  | 77997    | 43.587  | ng    | 98       |
| 63) Azobenzene                | 16.214 | 77   | 310415   | 56.796  | ng    | 97       |
| 65) 4,6-Dinitro-2-methylph... | 16.020 | 198  | 83731    | 45.018  | ng    | 99       |
| 66) n-Nitrosodiphenylamine    | 16.132 | 169  | 344070   | 45.936  | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 16.813 | 248  | 154851   | 45.723  | ng    | 99       |
| 68) Hexachlorobenzene         | 16.943 | 284  | 159156   | 47.981  | ng    | 99       |
| 69) Atrazine                  | 17.072 | 200  | 148948   | 51.545  | ng    | 97       |
| 70) Pentachlorophenol         | 17.289 | 266  | 172735   | 86.062  | ng    | 98       |
| 71) Phenanthrene              | 17.677 | 178  | 639760   | 46.205  | ng    | 99       |
| 72) Anthracene                | 17.771 | 178  | 661670   | 46.552  | ng    | 99       |
| 73) Carbazole                 | 18.035 | 167  | 578906   | 47.821  | ng    | 99       |
| 74) Di-n-butylphthalate       | 18.558 | 149  | 591708   | 46.552  | ng    | 99       |
| 75) Fluoranthene              | 19.669 | 202  | 799089   | 45.726  | ng    | 99       |
| 77) Benzidine                 | 19.839 | 184  | 362149   | 53.418  | ng    | 98       |
| 78) Pyrene                    | 20.033 | 202  | 814475   | 45.711  | ng    | 100      |
| 80) Butylbenzylphthalate      | 20.885 | 149  | 244727   | 44.972  | ng    | 98       |
| 81) Benzo(a)anthracene        | 21.907 | 228  | 803038   | 45.849  | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 21.808 | 252  | 167427   | 26.545  | ng    | 98       |
| 83) Chrysene                  | 21.978 | 228  | 747076   | 45.402  | ng    | 100      |
| 84) Bis(2-ethylhexyl)phtha... | 21.761 | 149  | 350642   | 44.943  | ng    | 100      |
| 85) Di-n-octyl phthalate      | 23.030 | 149  | 593972   | 45.715  | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 29.305 | 276  | 945947   | 47.373  | ng    | # 90     |
| 88) Benzo(b)fluoranthene      | 24.258 | 252  | 825302   | 48.744  | ng    | 100      |
| 89) Benzo(k)fluoranthene      | 24.334 | 252  | 803068   | 46.978  | ng    | 99       |
| 90) Benzo(a)pyrene            | 25.192 | 252  | 726299   | 43.547  | ng    | 97       |
| 91) Dibenzo(a,h)anthracene    | 29.363 | 278  | 790688   | 47.174  | ng    | 99       |
| 92) Benzo(g,h,i)perylene      | 30.550 | 276  | 760174   | 47.003  | ng    | 98       |

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

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BNA\_G  
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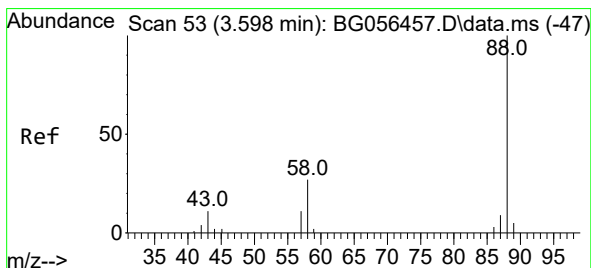
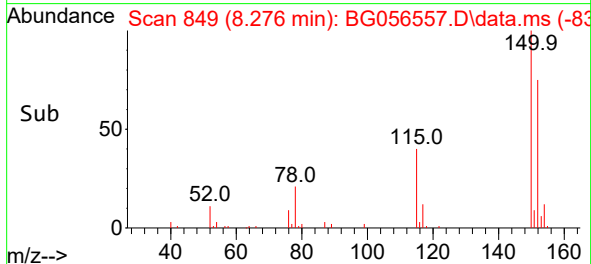
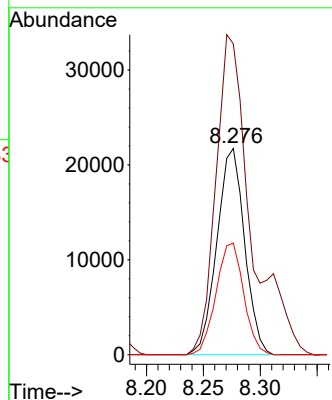
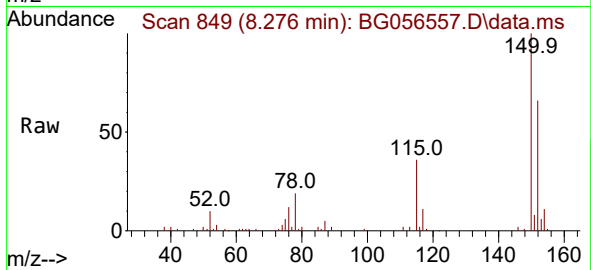




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 8.276 min Scan# 84  
 Delta R.T. 0.001 min  
 Lab File: BG056557.D  
 Acq: 6 Feb 2023 16:24

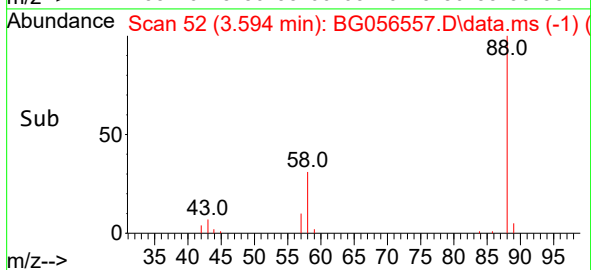
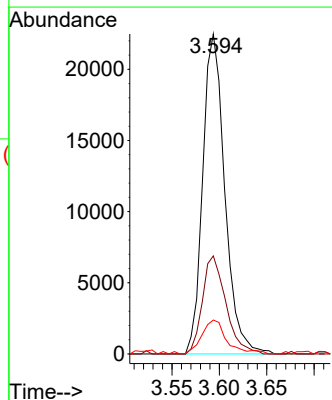
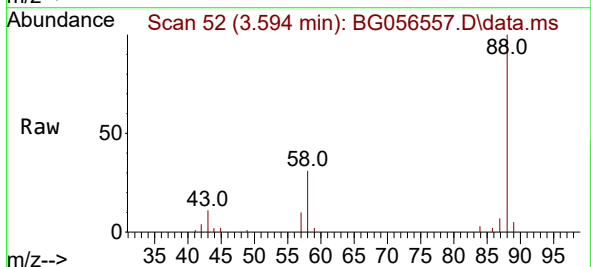
Instrument :  
 BNA\_G  
 ClientSampleId :  
 B-01-SB02MSD

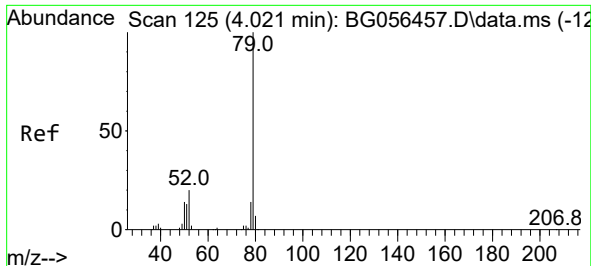
Tgt Ion:152 Resp: 36869  
 Ion Ratio Lower Upper  
 152 100  
 150 150.7 120.2 180.4  
 115 54.1 36.3 54.5



#2  
 1,4-Dioxane  
 Concen: 43.660 ng  
 RT: 3.594 min Scan# 52  
 Delta R.T. 0.007 min  
 Lab File: BG056557.D  
 Acq: 6 Feb 2023 16:24

Tgt Ion: 88 Resp: 36436  
 Ion Ratio Lower Upper  
 88 100  
 58 32.4 23.0 34.4  
 43 11.9 8.0 12.0

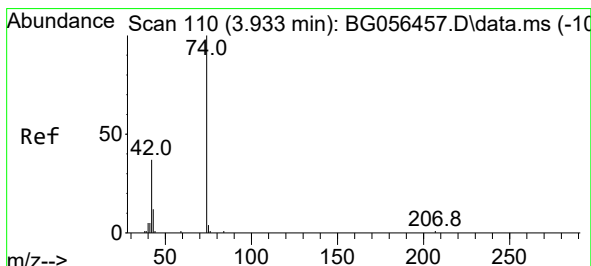
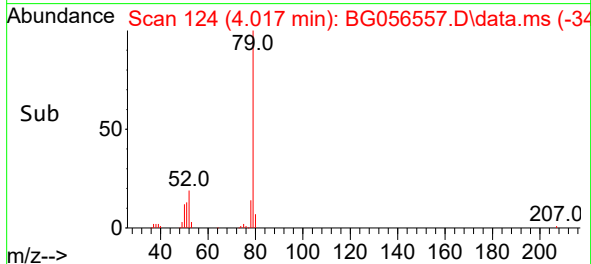
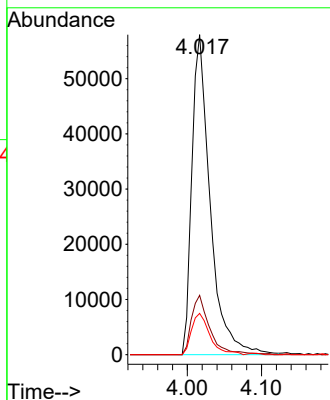
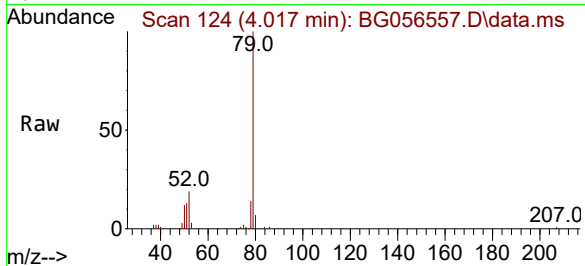




#3  
 Pyridine  
 Concen: 39.970 ng  
 RT: 4.017 min Scan# 11  
 Delta R.T. 0.001 min  
 Lab File: BG056557.D  
 Acq: 6 Feb 2023 16:24

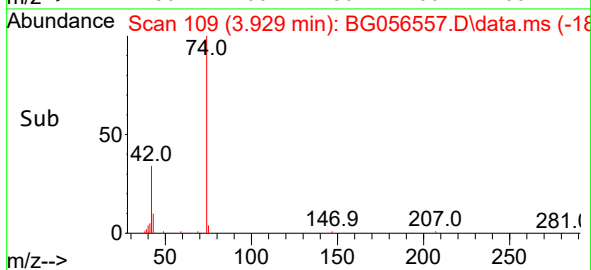
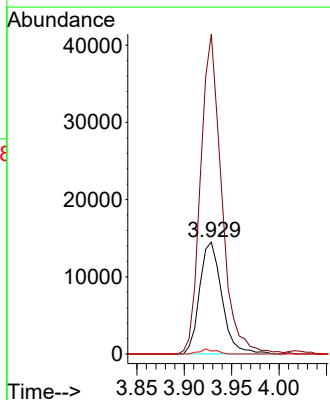
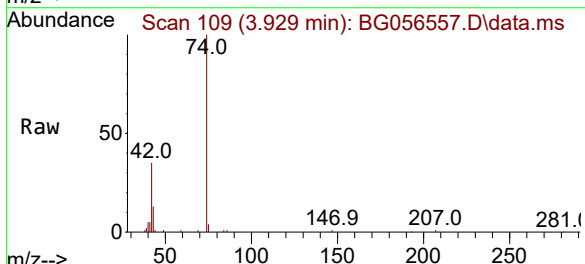
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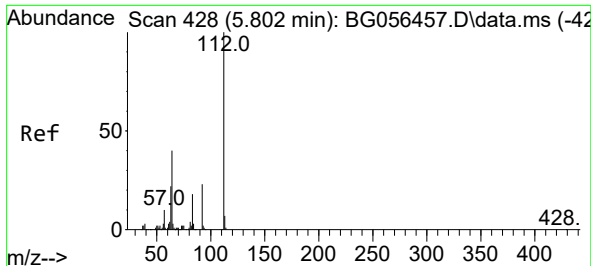
Tgt Ion: 79 Resp: 99433  
 Ion Ratio Lower Upper  
 79 100  
 52 18.5 16.1 24.1  
 51 12.9 10.7 16.1



#4  
 n-Nitrosodimethylamine  
 Concen: 44.570 ng  
 RT: 3.929 min Scan# 109  
 Delta R.T. 0.007 min  
 Lab File: BG056557.D  
 Acq: 6 Feb 2023 16:24

Tgt Ion: 42 Resp: 23579  
 Ion Ratio Lower Upper  
 42 100  
 74 286.1 217.9 326.9  
 44 2.6 3.0 4.6#

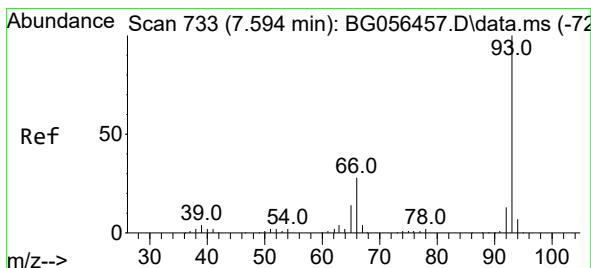
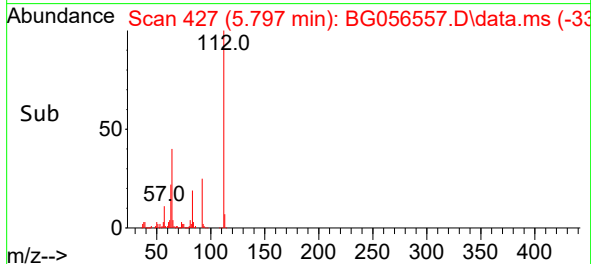
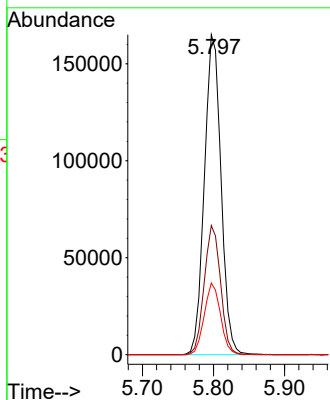
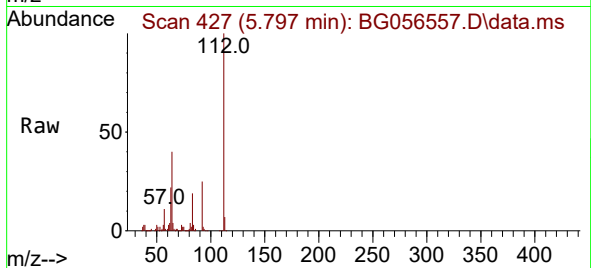




#5  
2-Fluorophenol  
Concen: 134.540 ng  
RT: 5.797 min Scan# 41  
Delta R.T. 0.007 min  
Lab File: BG056557.D  
Acq: 6 Feb 2023 16:24

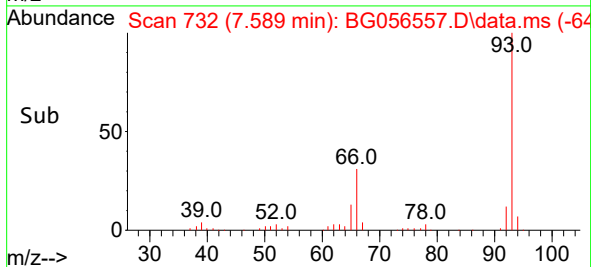
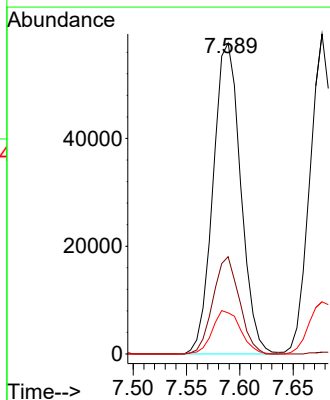
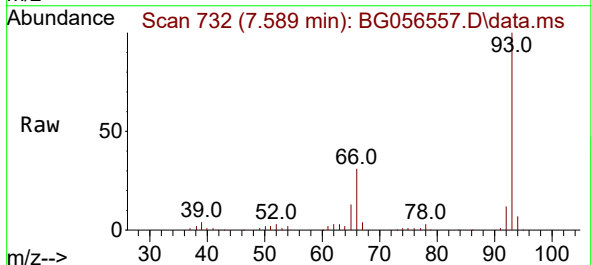
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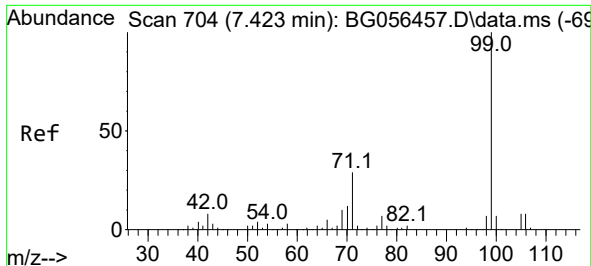
Tgt Ion:112 Resp: 269646  
Ion Ratio Lower Upper  
112 100  
64 40.3 31.9 47.9  
63 22.4 17.4 26.0



#6  
Aniline  
Concen: 26.708 ng  
RT: 7.589 min Scan# 732  
Delta R.T. 0.001 min  
Lab File: BG056557.D  
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Tgt Ion: 93 Resp: 103842  
Ion Ratio Lower Upper  
93 100  
66 31.3 22.2 33.2  
65 13.2 11.3 16.9

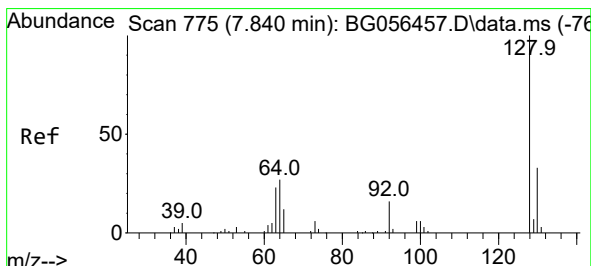
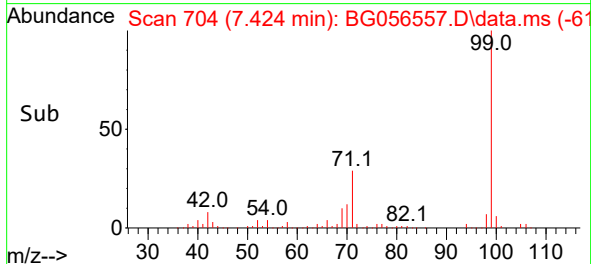
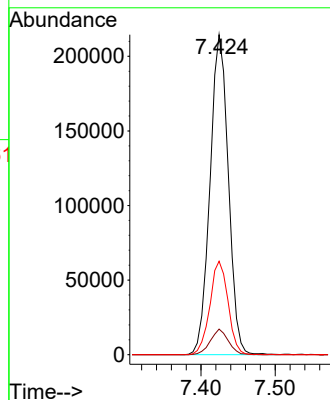
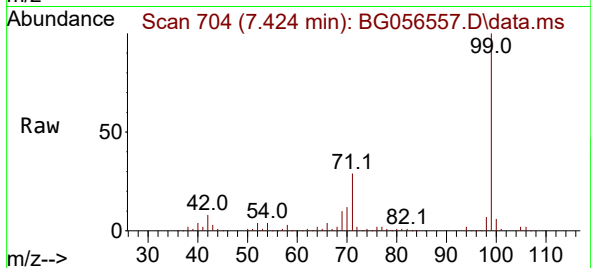




#7  
Phenol-d6  
Concen: 124.137 ng  
RT: 7.424 min Scan# 704  
Delta R.T. 0.007 min  
Lab File: BG056557.D  
Acq: 6 Feb 2023 16:24

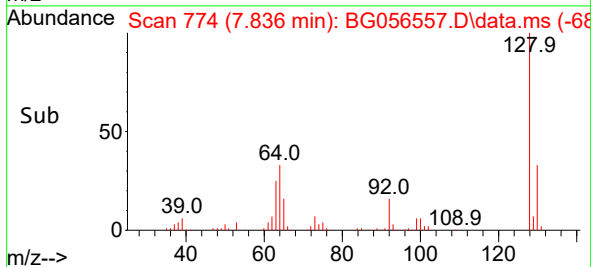
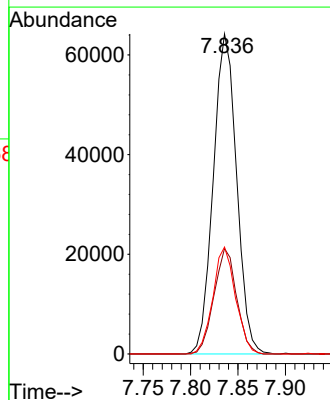
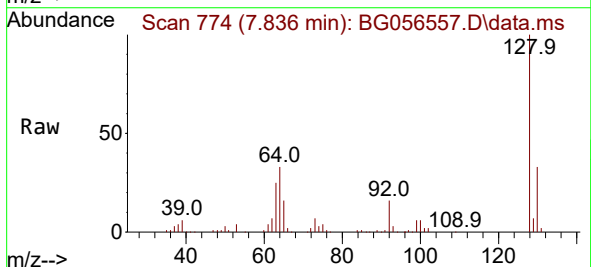
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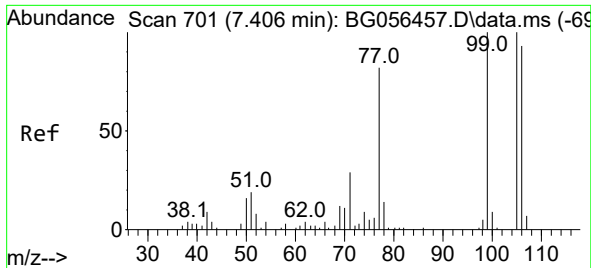
Tgt Ion: 99 Resp: 368633  
Ion Ratio Lower Upper  
99 100  
42 8.0 6.6 10.0  
71 29.2 23.4 35.0



#8  
2-Chlorophenol  
Concen: 49.884 ng  
RT: 7.836 min Scan# 774  
Delta R.T. 0.001 min  
Lab File: BG056557.D  
Acq: 6 Feb 2023 16:24

Tgt Ion:128 Resp: 109830  
Ion Ratio Lower Upper  
128 100  
130 32.9 12.8 52.8  
64 33.4 11.3 51.3

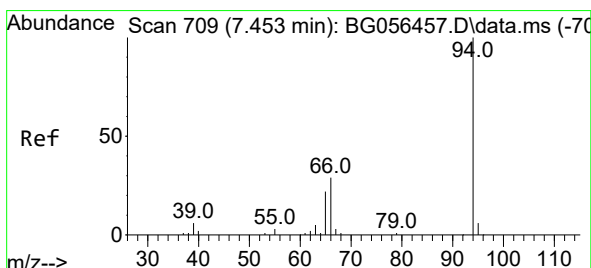
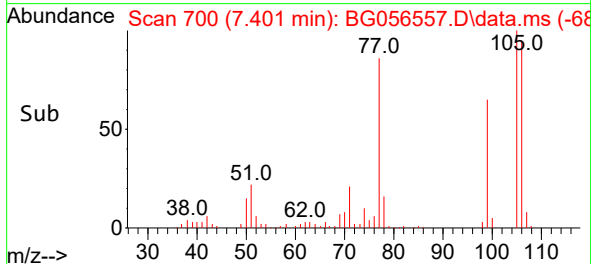
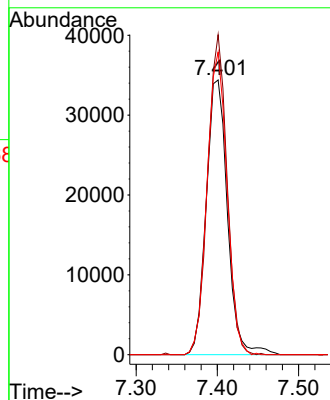
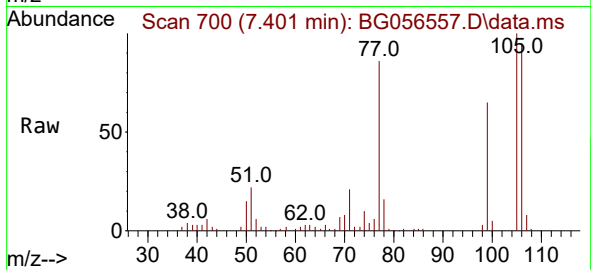




#9  
Benzaldehyde  
Concen: 49.924 ng  
RT: 7.401 min Scan# 701  
Delta R.T. 0.001 min  
Lab File: BG056557.D  
Acq: 6 Feb 2023 16:24

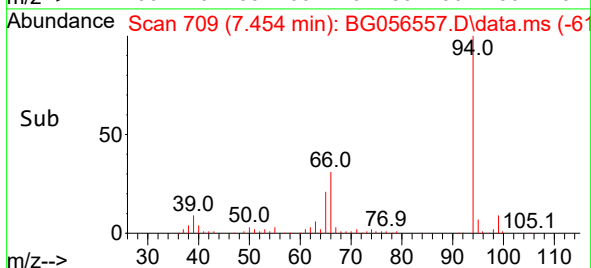
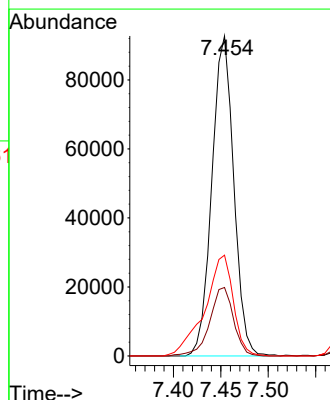
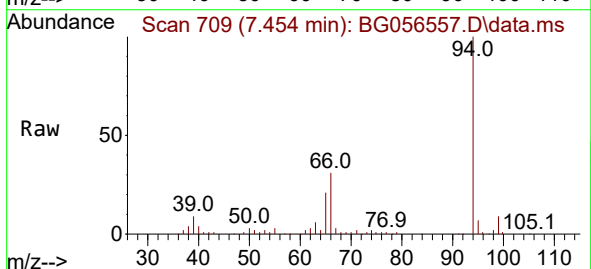
Instrument :  
BNA\_G  
ClientSampleId :  
B-01-SB02MSD

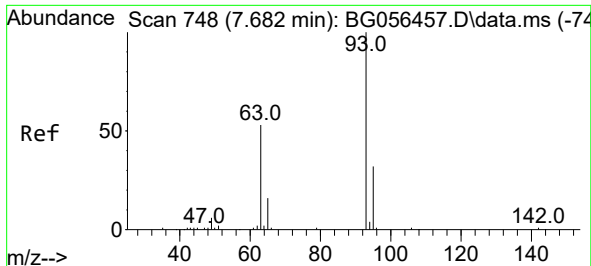
Tgt Ion: 77 Resp: 62502  
Ion Ratio Lower Upper  
77 100  
105 116.5 101.8 141.8  
106 110.1 93.0 133.0



#10  
Phenol  
Concen: 49.242 ng  
RT: 7.454 min Scan# 709  
Delta R.T. 0.007 min  
Lab File: BG056557.D  
Acq: 6 Feb 2023 16:24

Tgt Ion: 94 Resp: 148621  
Ion Ratio Lower Upper  
94 100  
65 21.4 2.3 42.3  
66 31.5 11.2 51.2





#11

bis(2-Chloroethyl)ether

Concen: 44.710 ng

RT: 7.677 min Scan# 74

Delta R.T. 0.001 min

Lab File: BG056557.D

Acq: 6 Feb 2023 16:24

Instrument :

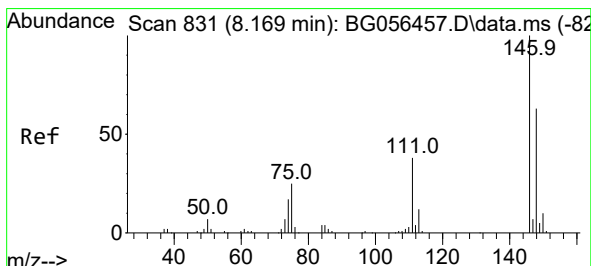
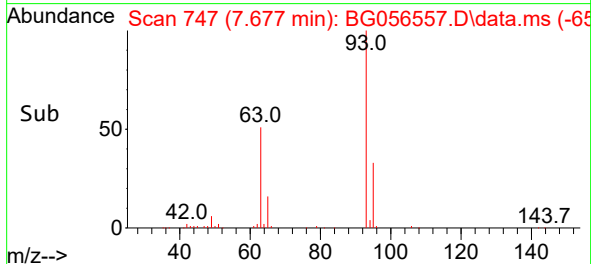
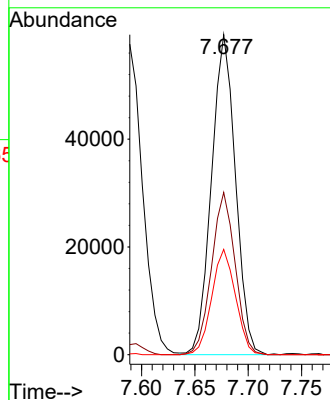
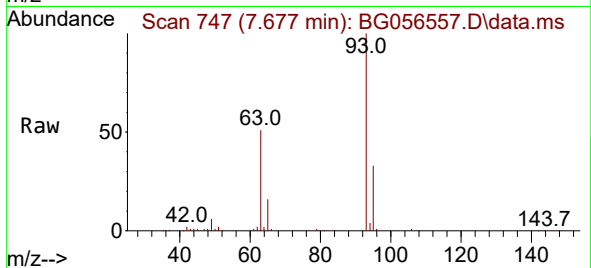
BNA\_G

ClientSampleId :

B-01-SB02MSD

Tgt Ion: 93 Resp: 92754

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 93  | 100   |       |       |
| 63  | 50.7  | 32.4  | 72.4  |
| 95  | 32.9  | 11.8  | 51.8  |



#12

1,3-Dichlorobenzene

Concen: 48.912 ng

RT: 8.165 min Scan# 830

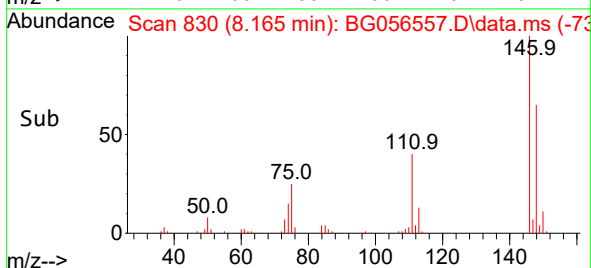
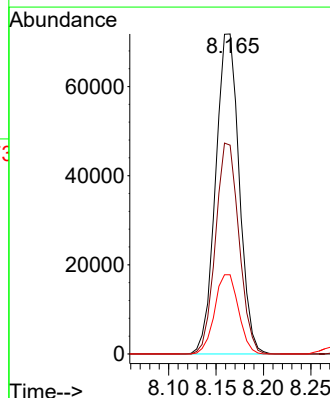
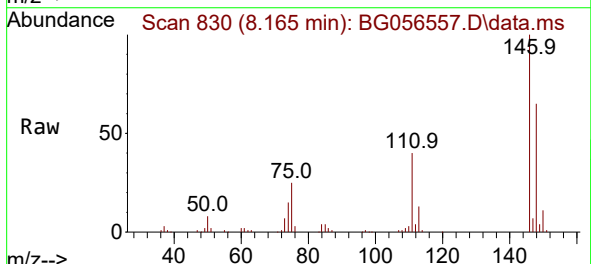
Delta R.T. 0.007 min

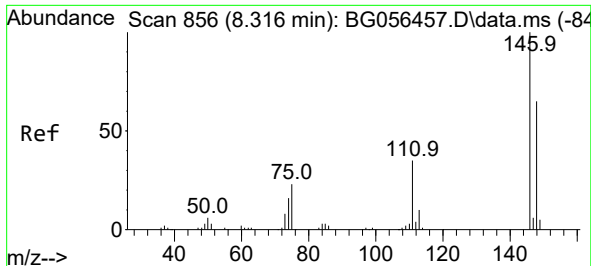
Lab File: BG056557.D

Acq: 6 Feb 2023 16:24

Tgt Ion: 146 Resp: 123991

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 146 | 100   |       |       |
| 148 | 65.2  | 50.6  | 75.8  |
| 75  | 24.7  | 19.6  | 29.4  |





#13

1,4-Dichlorobenzene

Concen: 49.029 ng

RT: 8.312 min Scan# 8

Delta R.T. 0.001 min

Lab File: BG056557.D

Acq: 6 Feb 2023 16:24

Instrument :

BNA\_G

ClientSampleId :

B-01-SB02MSD

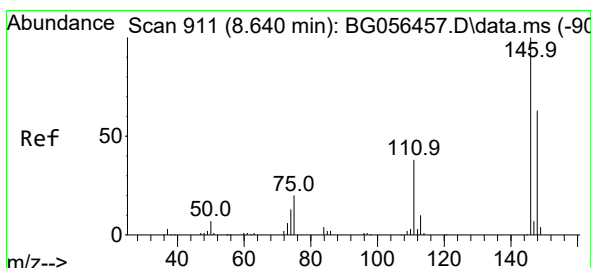
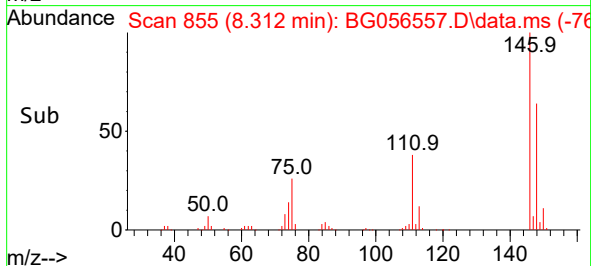
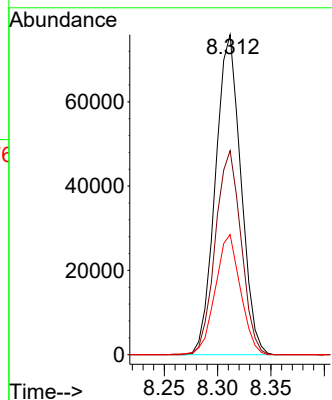
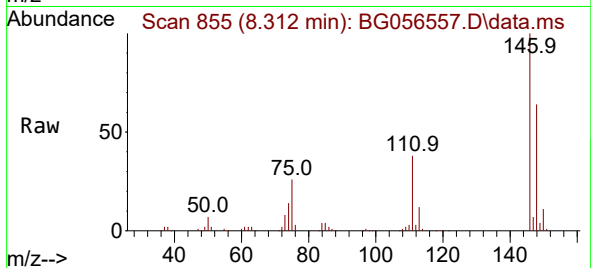
Tgt Ion:146 Resp: 125870

Ion Ratio Lower Upper

146 100

148 63.7 51.8 77.6

111 37.6 28.6 42.8



#14

1,2-Dichlorobenzene

Concen: 49.025 ng

RT: 8.635 min Scan# 910

Delta R.T. 0.001 min

Lab File: BG056557.D

Acq: 6 Feb 2023 16:24

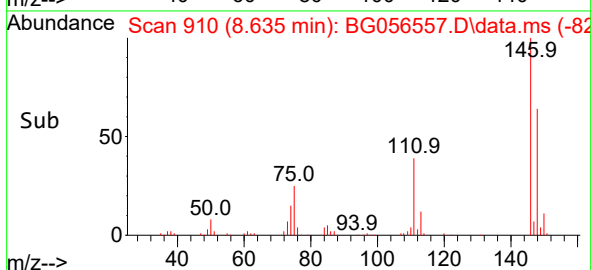
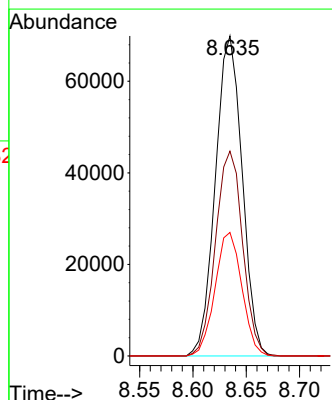
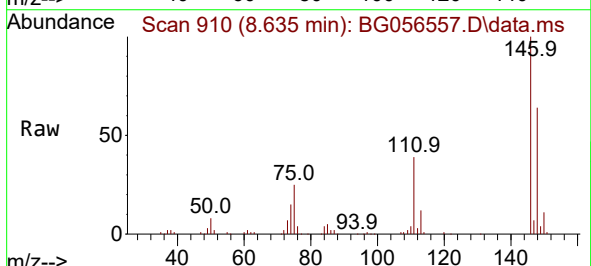
Tgt Ion:146 Resp: 122111

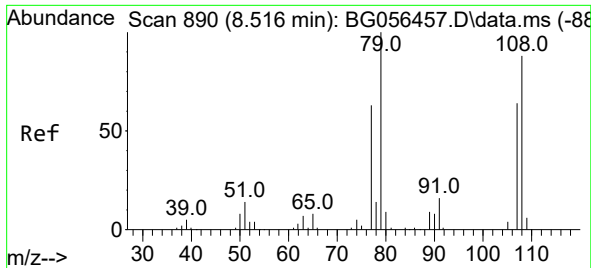
Ion Ratio Lower Upper

146 100

148 64.0 50.1 75.1

111 38.6 30.9 46.3

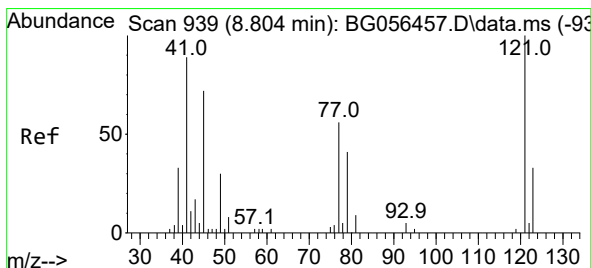
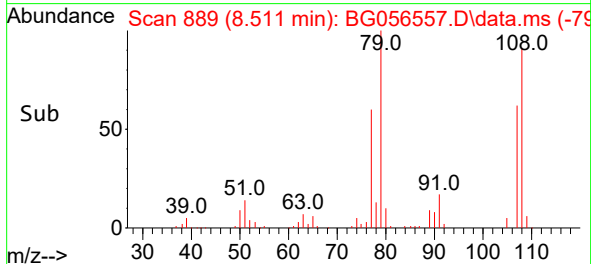
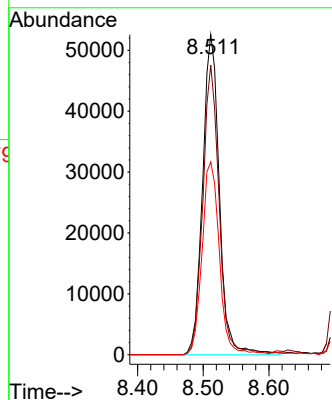
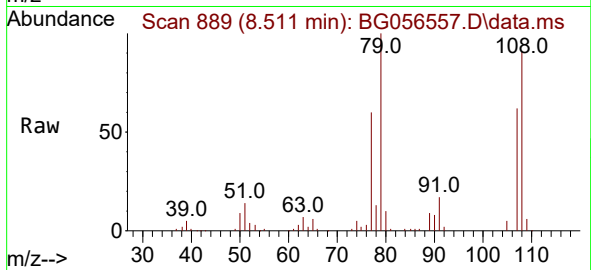




#15  
Benzyl Alcohol  
Concen: 45.827 ng  
RT: 8.511 min Scan# 890  
Delta R.T. 0.001 min  
Lab File: BG056557.D  
Acq: 6 Feb 2023 16:24

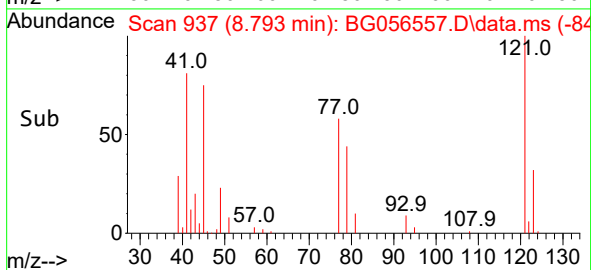
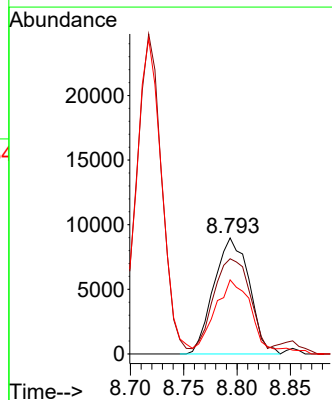
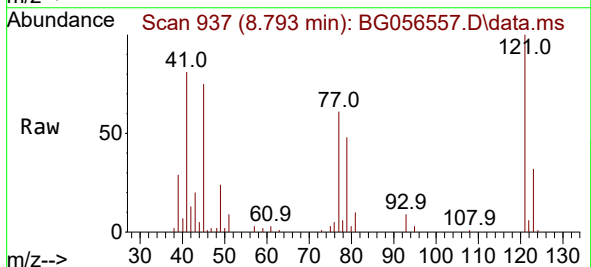
Instrument :  
BNA\_G  
ClientSampleId :  
B-01-SB02MSD

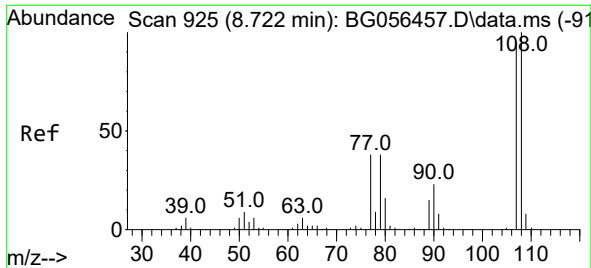
Tgt Ion: 79 Resp: 93369  
Ion Ratio Lower Upper  
79 100  
108 90.5 70.1 105.1  
77 60.3 50.3 75.5



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 47.119 ng  
RT: 8.793 min Scan# 937  
Delta R.T. 0.001 min  
Lab File: BG056557.D  
Acq: 6 Feb 2023 16:24

Tgt Ion: 45 Resp: 20712  
Ion Ratio Lower Upper  
45 100  
77 82.2 62.1 102.1  
79 63.9 42.7 82.7

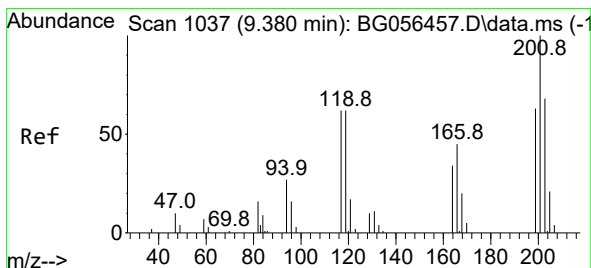
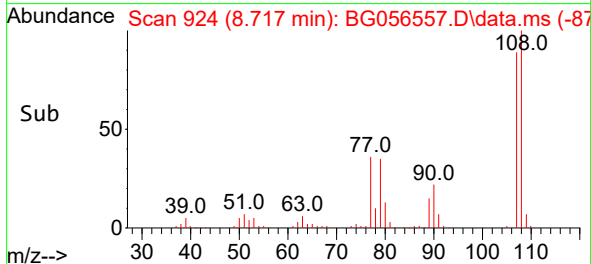
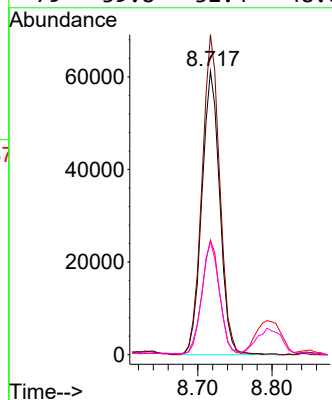
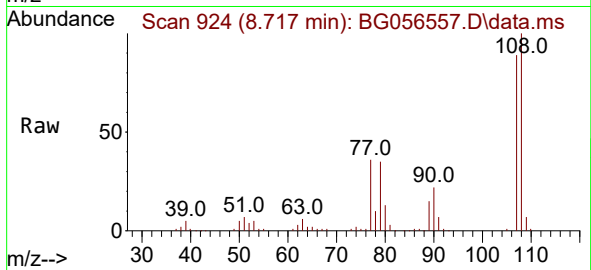




#17  
2-Methylphenol  
Concen: 44.768 ng  
RT: 8.717 min Scan# 91  
Delta R.T. 0.001 min  
Lab File: BG056557.D  
Acq: 6 Feb 2023 16:24

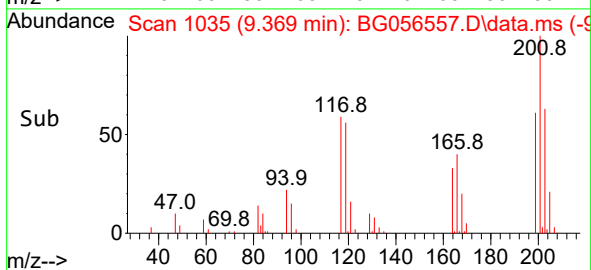
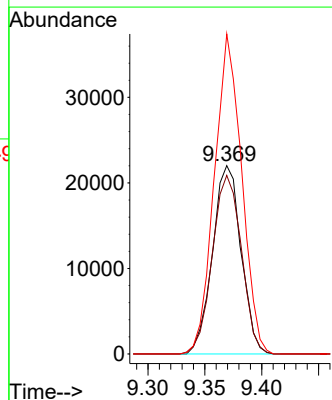
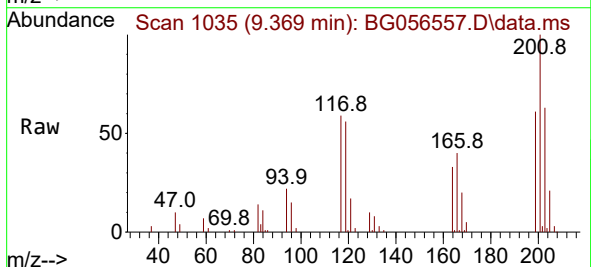
Instrument :  
BNA\_G  
ClientSampleId :  
B-01-SB02MSD

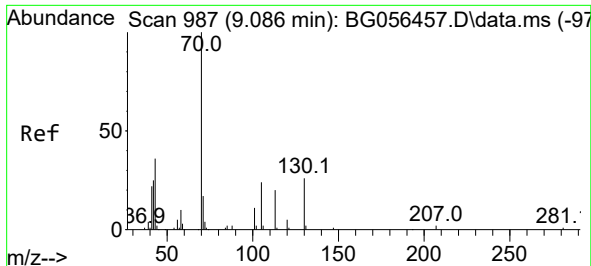
Tgt Ion:107 Resp: 102794  
Ion Ratio Lower Upper  
107 100  
108 112.9 83.9 125.9  
77 40.4 31.6 47.4  
79 39.8 32.4 48.6



#18  
Hexachloroethane  
Concen: 49.440 ng  
RT: 9.369 min Scan# 1035  
Delta R.T. 0.001 min  
Lab File: BG056557.D  
Acq: 6 Feb 2023 16:24

Tgt Ion:117 Resp: 38389  
Ion Ratio Lower Upper  
117 100  
119 94.8 79.4 119.0  
201 174.5 128.5 192.7

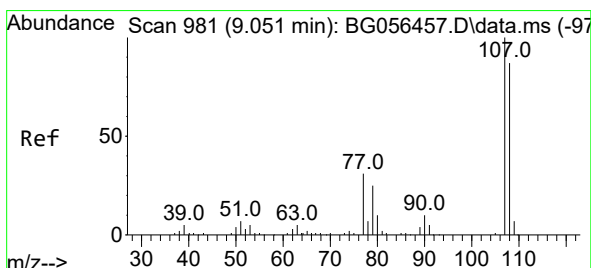
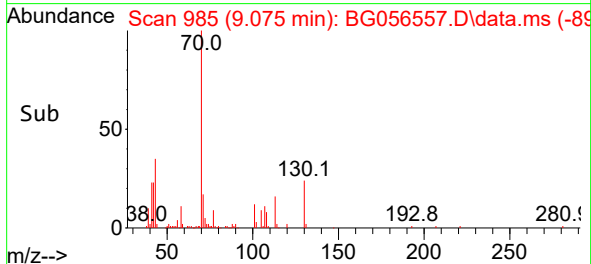
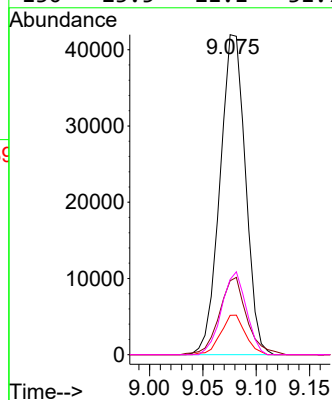
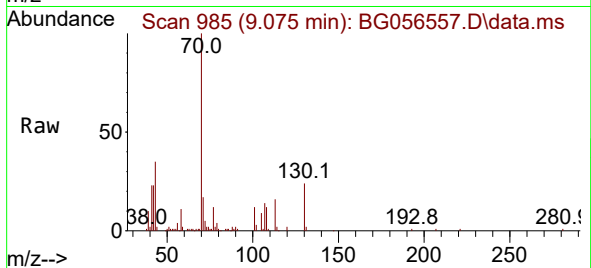




#19  
n-Nitroso-di-n-propylamine  
Concen: 40.770 ng  
RT: 9.075 min Scan# 90  
Delta R.T. 0.001 min  
Lab File: BG056557.D  
Acq: 6 Feb 2023 16:24

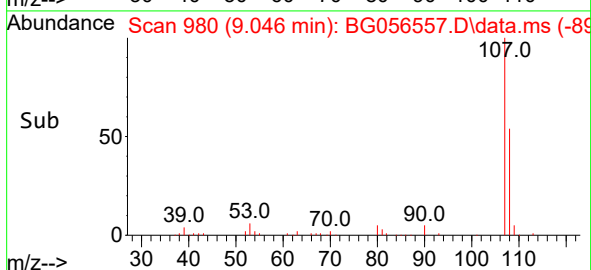
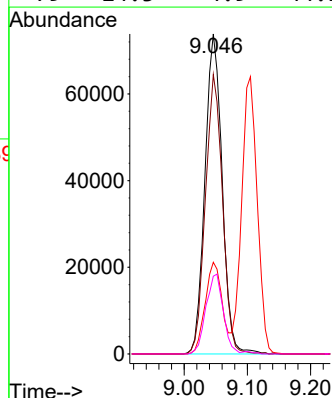
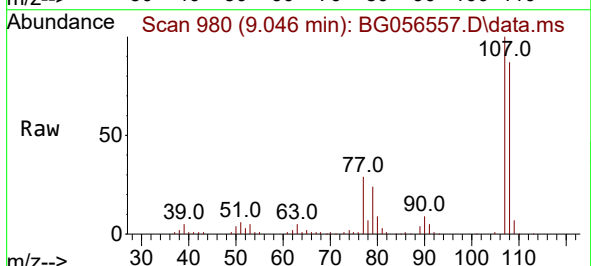
Instrument :  
BNA\_G  
ClientSampleId :  
B-01-SB02MSD

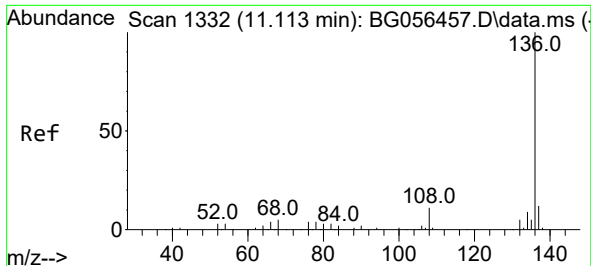
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 70    | Resp: | 69770 |
| Ion      | Ratio | Lower | Upper |
| 70       | 100   |       |       |
| 42       | 23.1  | 20.2  | 30.4  |
| 101      | 12.3  | 9.1   | 13.7  |
| 130      | 23.5  | 21.1  | 31.7  |



#20  
3+4-Methylphenols  
Concen: 43.348 ng  
RT: 9.046 min Scan# 980  
Delta R.T. 0.001 min  
Lab File: BG056557.D  
Acq: 6 Feb 2023 16:24

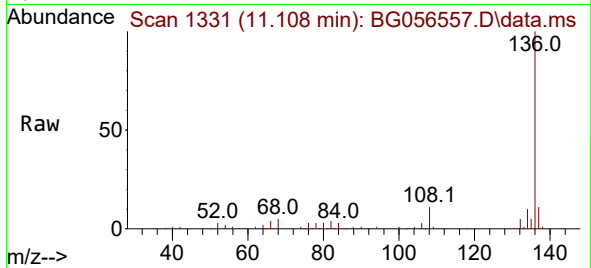
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 139486 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 87.3  | 66.7  | 106.7  |
| 77       | 28.7  | 10.6  | 50.6   |
| 79       | 24.3  | 4.9   | 44.9   |



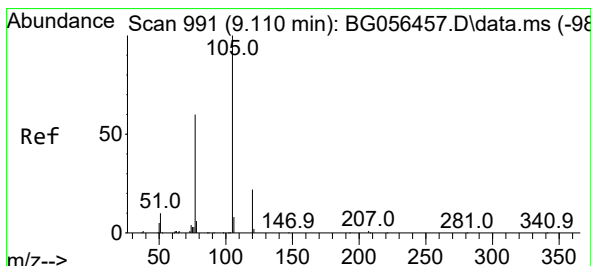
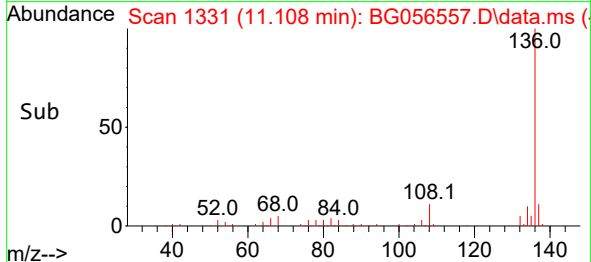
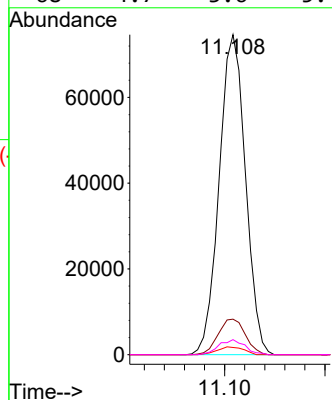


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 11.108 min Scan# 1331  
Delta R.T. 0.001 min  
Lab File: BG056557.D  
Acq: 6 Feb 2023 16:24

Instrument :  
BNA\_G  
ClientSampleId :  
B-01-SB02MSD

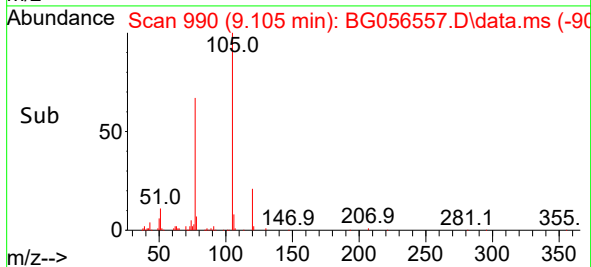
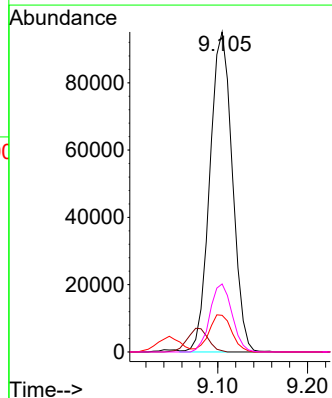
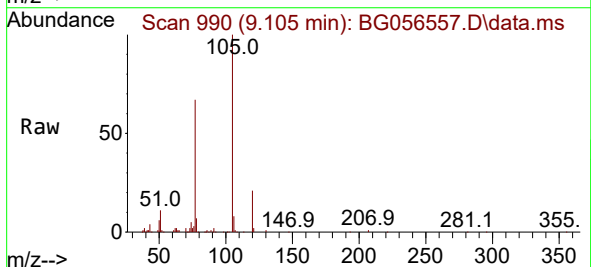


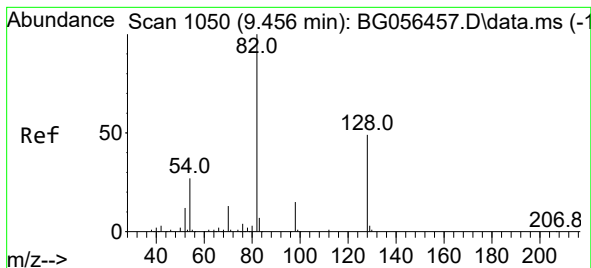
Tgt Ion:136 Resp: 135736  
Ion Ratio Lower Upper  
136 100  
137 11.1 9.4 14.0  
54 2.3 2.2 3.4  
68 4.7 3.6 5.4



#22  
Acetophenone  
Concen: 45.784 ng  
RT: 9.105 min Scan# 990  
Delta R.T. 0.001 min  
Lab File: BG056557.D  
Acq: 6 Feb 2023 16:24

Tgt Ion:105 Resp: 165121  
Ion Ratio Lower Upper  
105 100  
71 0.4 0.6 0.8#  
51 11.4 9.2 13.8  
120 21.2 17.4 26.0





#23

Nitrobenzene-d5

Concen: 78.470 ng

RT: 9.451 min Scan# 1049

Delta R.T. 0.001 min

Lab File: BG056557.D

Acq: 6 Feb 2023 16:24

Instrument :

BNA\_G

ClientSampleId :

B-01-SB02MSD

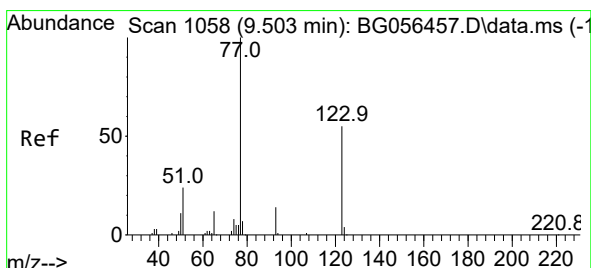
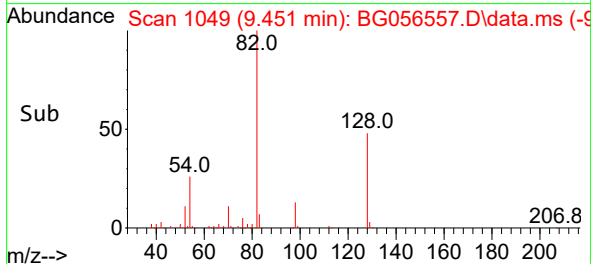
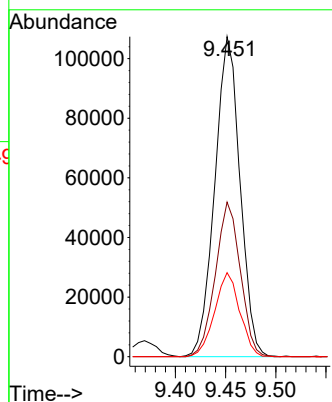
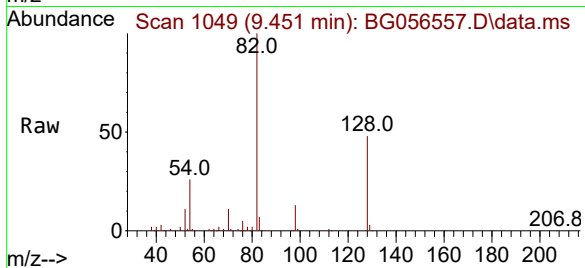
Tgt Ion: 82 Resp: 187571

Ion Ratio Lower Upper

82 100

128 48.3 39.4 59.2

54 26.2 21.4 32.2



#24

Nitrobenzene

Concen: 46.635 ng

RT: 9.498 min Scan# 1057

Delta R.T. 0.007 min

Lab File: BG056557.D

Acq: 6 Feb 2023 16:24

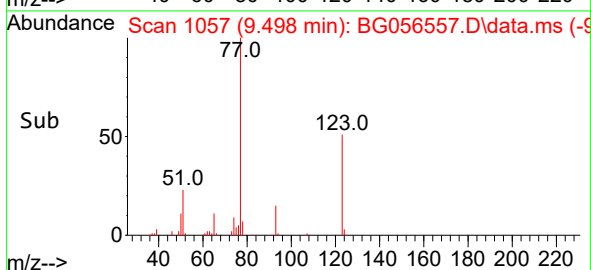
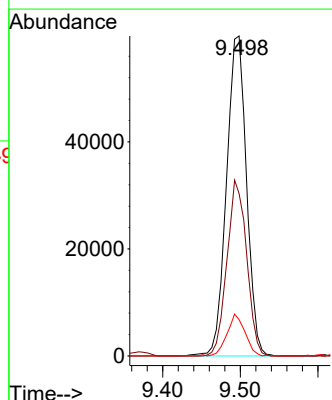
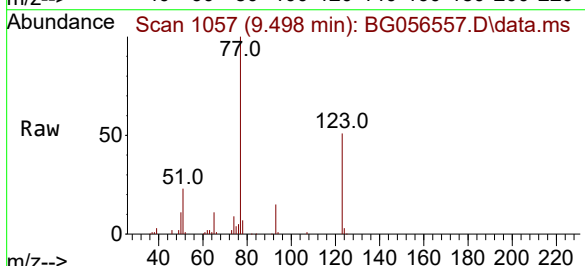
Tgt Ion: 77 Resp: 107524

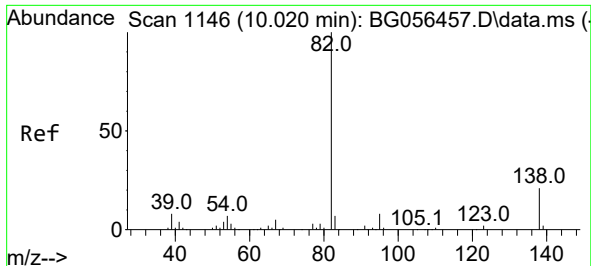
Ion Ratio Lower Upper

77 100

123 50.8 44.0 66.0

65 11.3 9.7 14.5

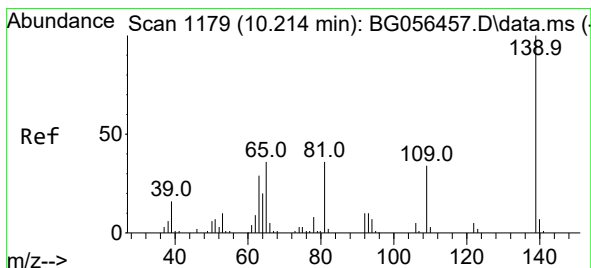
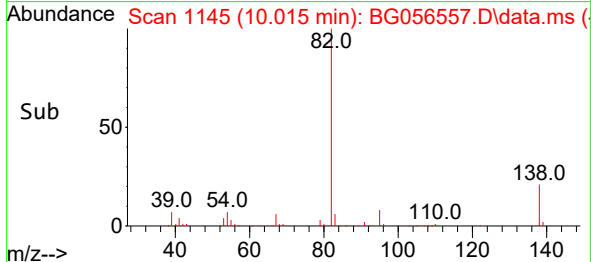
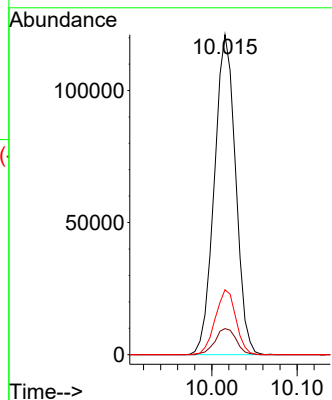
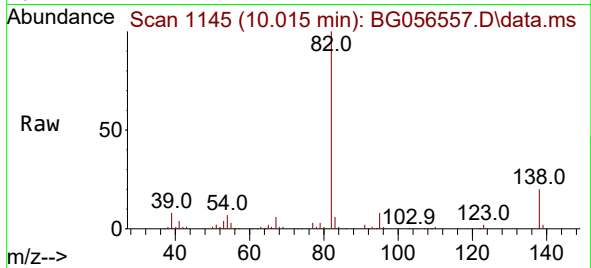




#25  
Isophorone  
Concen: 42.511 ng  
RT: 10.015 min Scan# 1145  
Delta R.T. 0.001 min  
Lab File: BG056557.D  
Acq: 6 Feb 2023 16:24

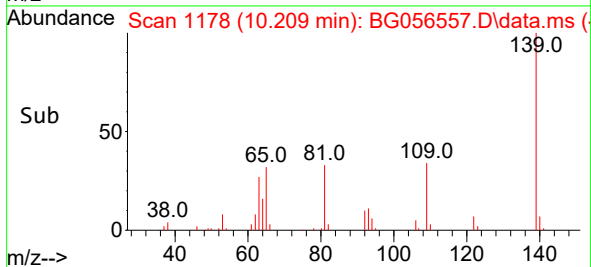
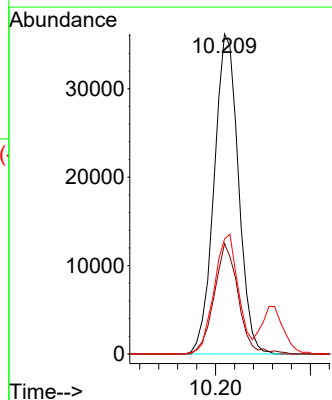
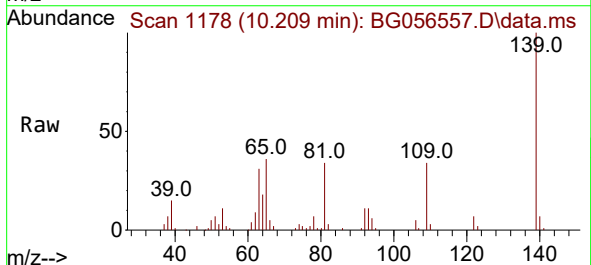
Instrument :  
BNA\_G  
ClientSampleId :  
B-01-SB02MSD

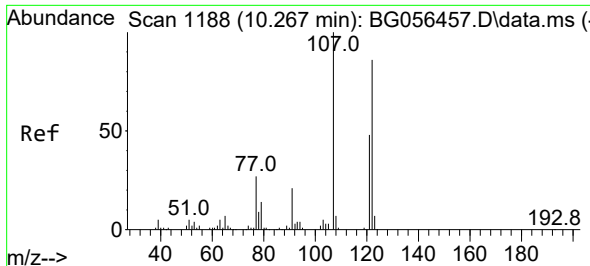
Tgt Ion: 82 Resp: 209639  
Ion Ratio Lower Upper  
82 100  
95 8.1 6.3 9.5  
138 20.3 16.6 25.0



#26  
2-Nitrophenol  
Concen: 46.120 ng  
RT: 10.209 min Scan# 1178  
Delta R.T. 0.001 min  
Lab File: BG056557.D  
Acq: 6 Feb 2023 16:24

Tgt Ion:139 Resp: 64518  
Ion Ratio Lower Upper  
139 100  
109 34.5 26.9 40.3  
65 35.9 29.0 43.4

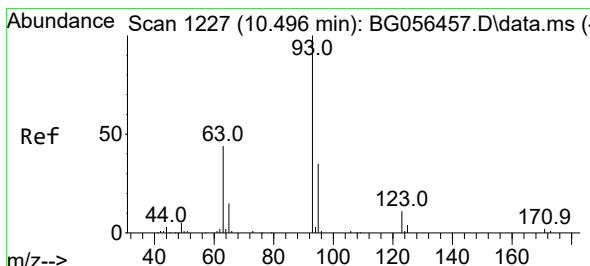
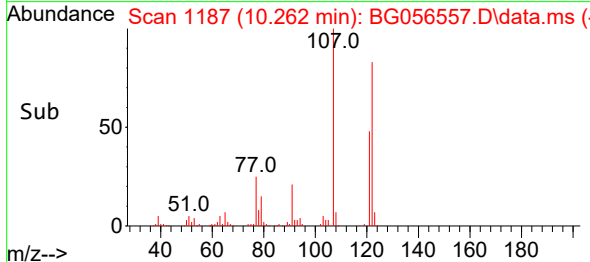
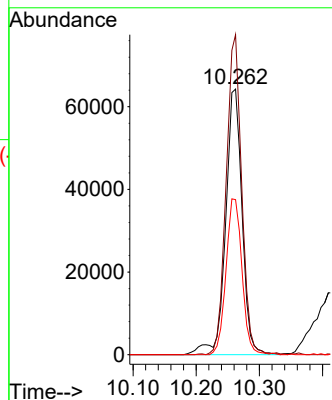
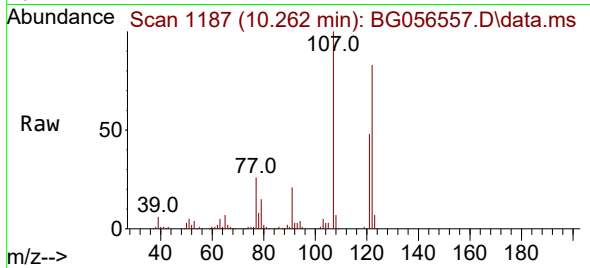




#27  
2,4-Dimethylphenol  
Concen: 49.592 ng  
RT: 10.262 min Scan# 1188  
Delta R.T. 0.007 min  
Lab File: BG056557.D  
Acq: 6 Feb 2023 16:24

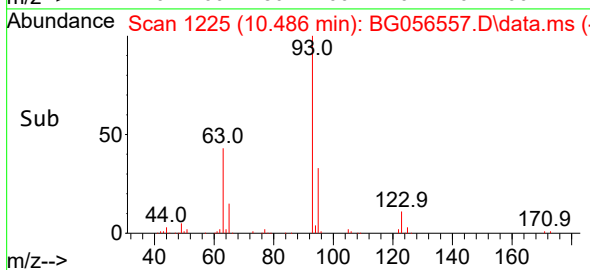
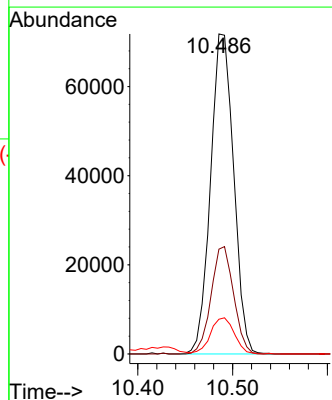
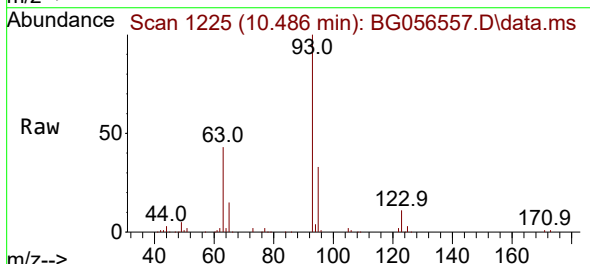
Instrument :  
BNA\_G  
ClientSampleId :  
B-01-SB02MSD

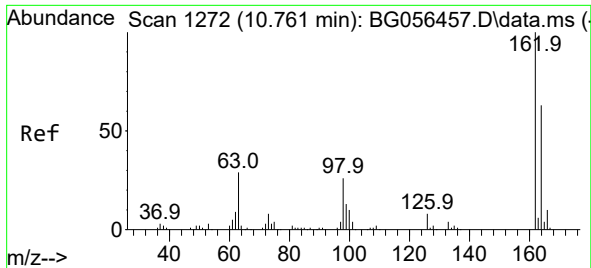
Tgt Ion:122 Resp: 116104  
Ion Ratio Lower Upper  
122 100  
107 120.5 92.9 139.3  
121 58.3 45.0 67.4



#28  
bis(2-Chloroethoxy)methane  
Concen: 44.687 ng  
RT: 10.486 min Scan# 1225  
Delta R.T. -0.005 min  
Lab File: BG056557.D  
Acq: 6 Feb 2023 16:24

Tgt Ion: 93 Resp: 121739  
Ion Ratio Lower Upper  
93 100  
95 32.7 27.9 41.9  
123 10.8 8.6 12.8





#29

2,4-Dichlorophenol

Concen: 49.116 ng

RT: 10.750 min Scan# 11

Delta R.T. -0.005 min

Lab File: BG056557.D

Acq: 6 Feb 2023 16:24

Instrument :

BNA\_G

ClientSampleId :

B-01-SB02MSD

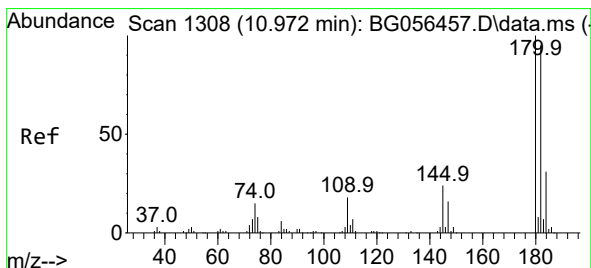
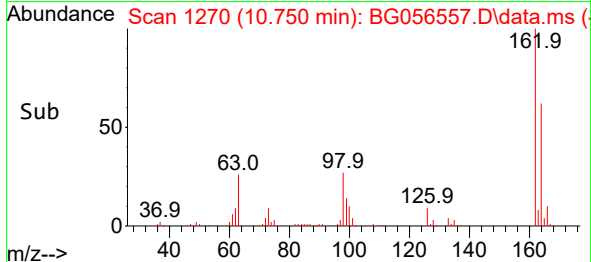
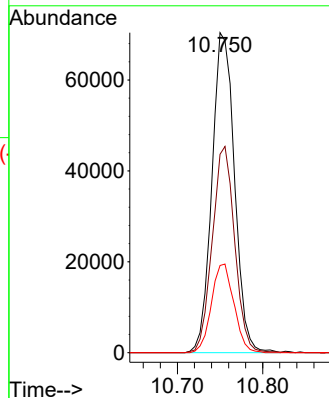
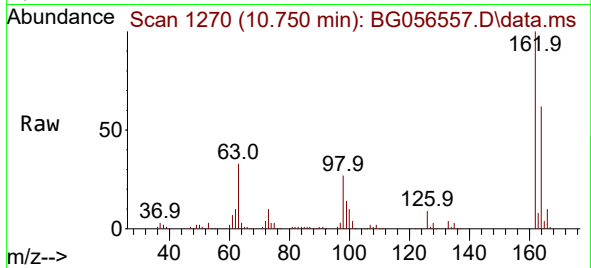
Tgt Ion:162 Resp: 129437

Ion Ratio Lower Upper

162 100

164 62.0 42.8 82.8

98 27.2 6.5 46.5



#30

1,2,4-Trichlorobenzene

Concen: 47.587 ng

RT: 10.967 min Scan# 1307

Delta R.T. 0.001 min

Lab File: BG056557.D

Acq: 6 Feb 2023 16:24

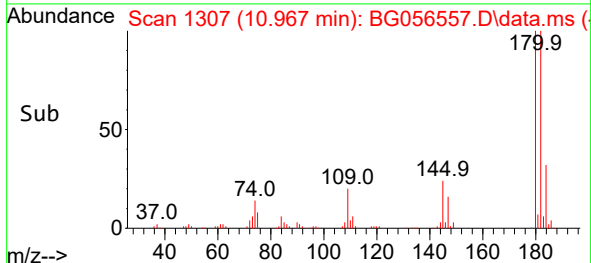
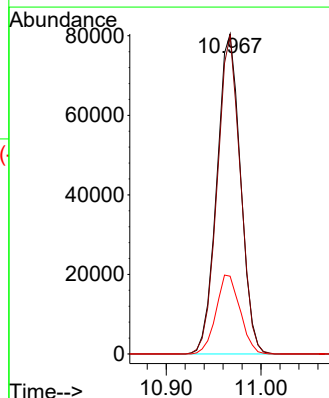
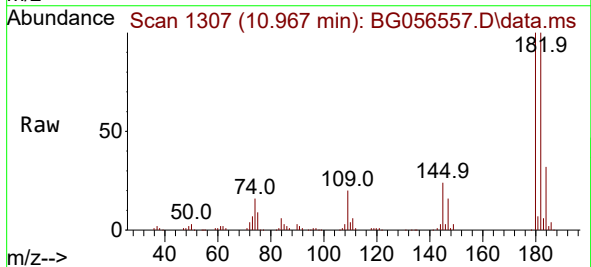
Tgt Ion:180 Resp: 139358

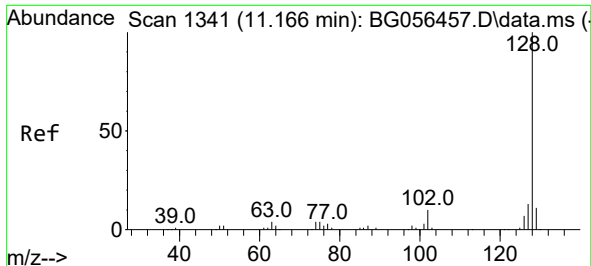
Ion Ratio Lower Upper

180 100

182 99.6 75.9 113.9

145 24.3 19.4 29.0

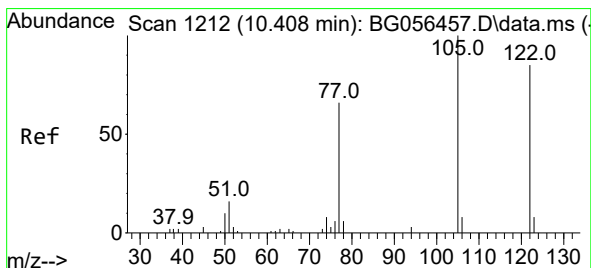
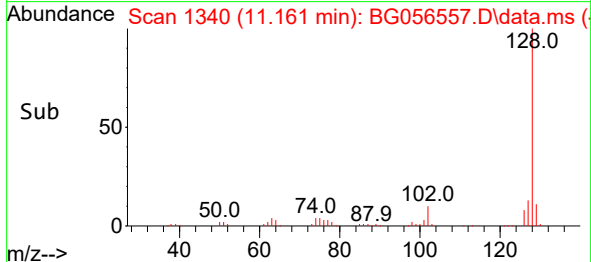
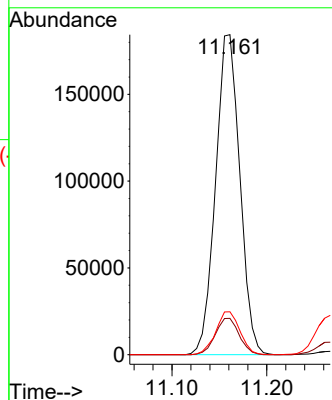
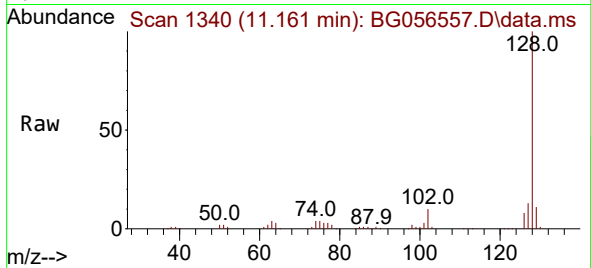




#31  
Naphthalene  
Concen: 45.834 ng  
RT: 11.161 min Scan# 1116  
Delta R.T. 0.001 min  
Lab File: BG056557.D  
Acq: 6 Feb 2023 16:24

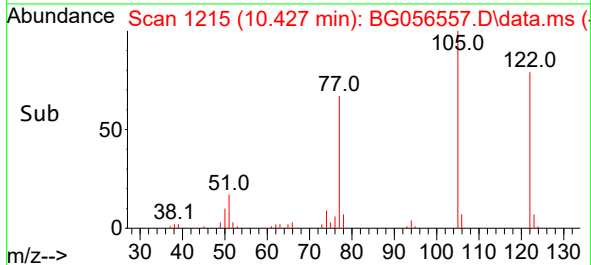
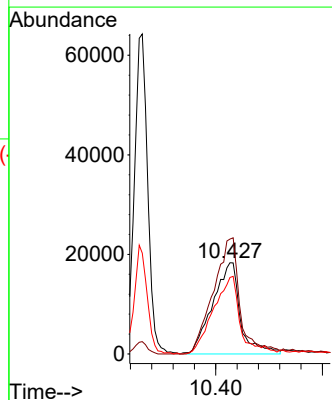
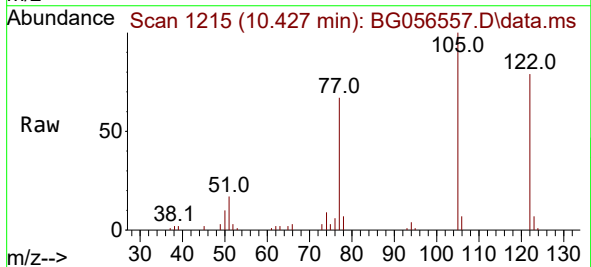
Instrument :  
BNA\_G  
ClientSampleId :  
B-01-SB02MSD

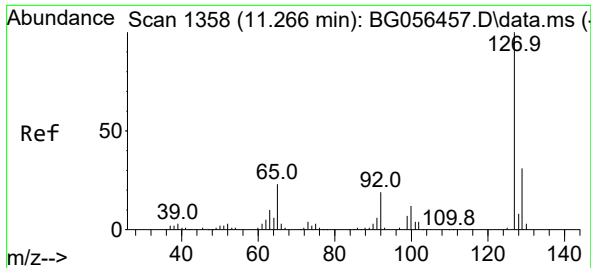
Tgt Ion:128 Resp: 328364  
Ion Ratio Lower Upper  
128 100  
129 11.4 8.7 13.1  
127 13.4 10.4 15.6



#32  
Benzoic acid  
Concen: 50.462 ng  
RT: 10.427 min Scan# 1215  
Delta R.T. 0.019 min  
Lab File: BG056557.D  
Acq: 6 Feb 2023 16:24

Tgt Ion:122 Resp: 66098  
Ion Ratio Lower Upper  
122 100  
105 125.9 96.5 136.5  
77 83.8 57.3 97.3

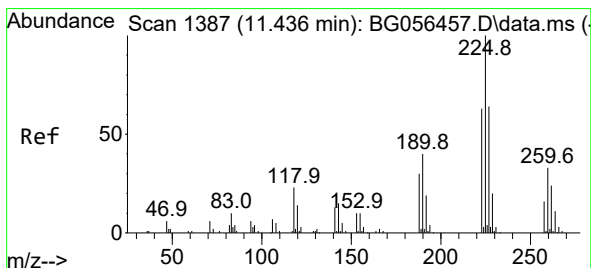
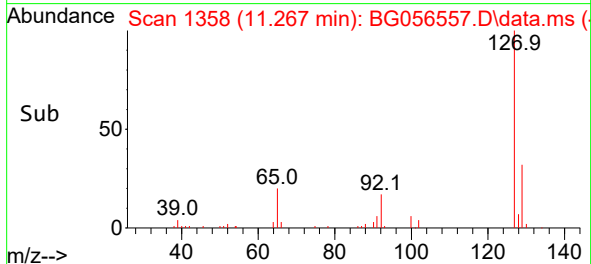
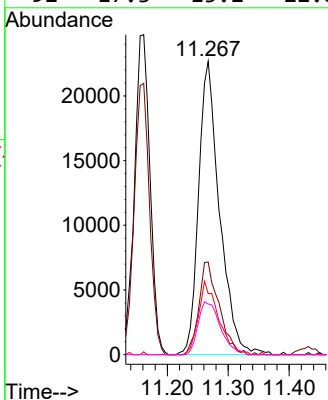
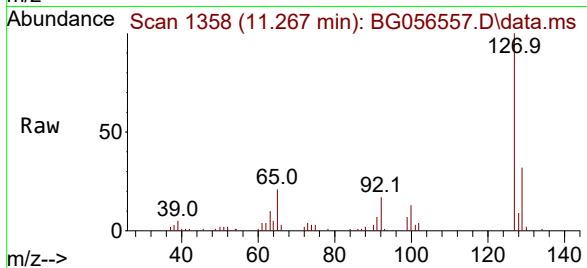




#33  
4-Chloroaniline  
Concen: 16.212 ng  
RT: 11.267 min Scan# 11  
Delta R.T. 0.007 min  
Lab File: BG056557.D  
Acq: 6 Feb 2023 16:24

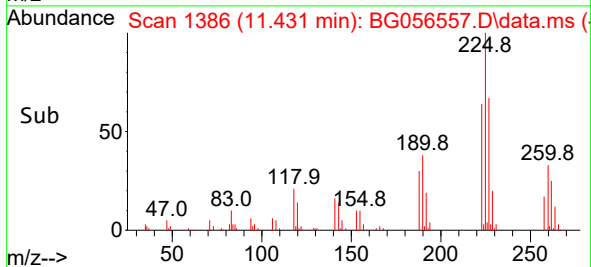
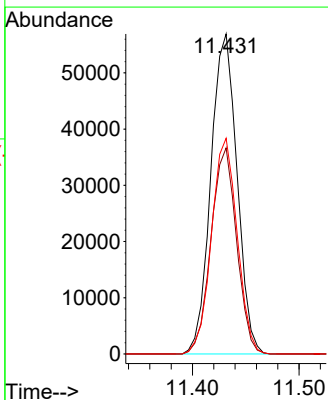
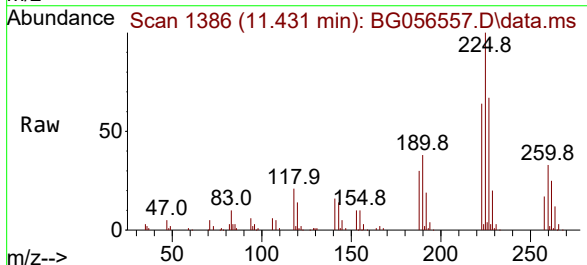
Instrument :  
BNA\_G  
ClientSampleId :  
B-01-SB02MSD

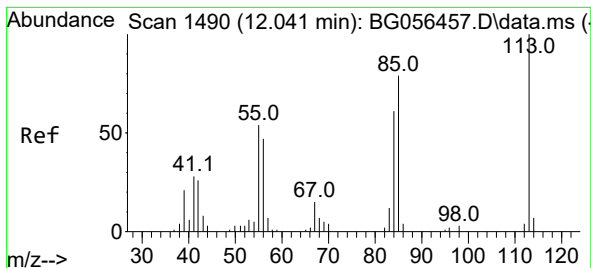
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 127   | Resp: | 54217 |
| Ion      | Ratio | Lower | Upper |
| 127      | 100   |       |       |
| 129      | 31.6  | 25.0  | 37.6  |
| 65       | 20.8  | 18.5  | 27.7  |
| 92       | 17.3  | 15.2  | 22.8  |



#34  
Hexachlorobutadiene  
Concen: 47.189 ng  
RT: 11.431 min Scan# 1386  
Delta R.T. 0.001 min  
Lab File: BG056557.D  
Acq: 6 Feb 2023 16:24

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 225   | Resp: | 97003 |
| Ion      | Ratio | Lower | Upper |
| 225      | 100   |       |       |
| 223      | 64.4  | 50.6  | 75.8  |
| 227      | 67.4  | 53.7  | 80.5  |





#35

Caprolactam

Concen: 33.571 ng

RT: 12.048 min Scan# 1490

Delta R.T. 0.007 min

Lab File: BG056557.D

Acq: 6 Feb 2023 16:24

Instrument :

BNA\_G

ClientSampleId :

B-01-SB02MSD

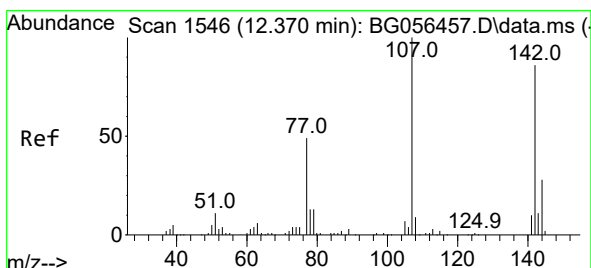
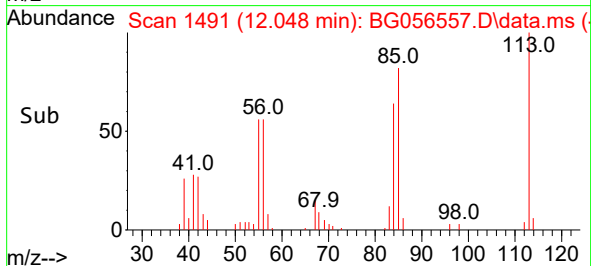
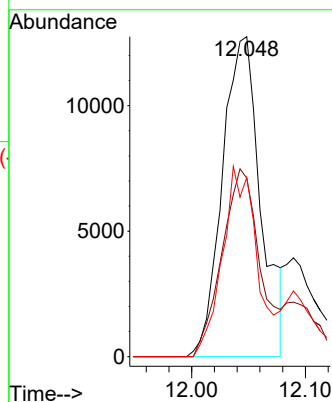
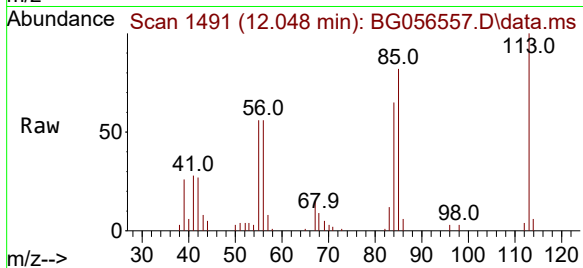
Tgt Ion:113 Resp: 29837

Ion Ratio Lower Upper

113 100

55 55.8 33.7 73.7

56 56.1 27.1 67.1



#36

4-Chloro-3-methylphenol

Concen: 47.184 ng

RT: 12.372 min Scan# 1546

Delta R.T. 0.001 min

Lab File: BG056557.D

Acq: 6 Feb 2023 16:24

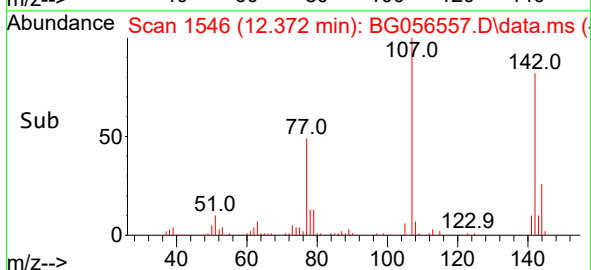
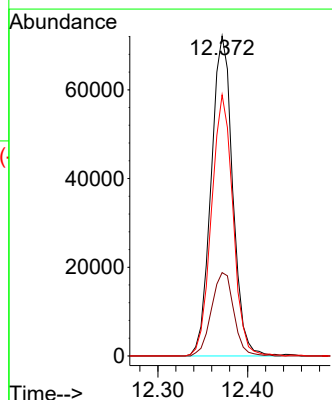
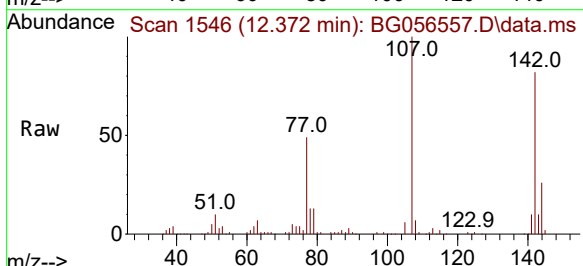
Tgt Ion:107 Resp: 120083

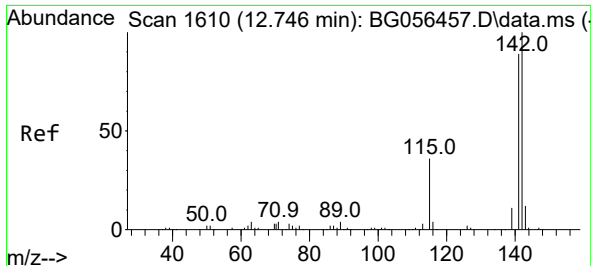
Ion Ratio Lower Upper

107 100

144 26.1 22.3 33.5

142 81.6 68.9 103.3





#37

2-Methylnaphthalene

Concen: 42.556 ng

RT: 12.742 min Scan# 1

Delta R.T. -0.005 min

Lab File: BG056557.D

Acq: 6 Feb 2023 16:24

Instrument :

BNA\_G

ClientSampleId :

B-01-SB02MSD

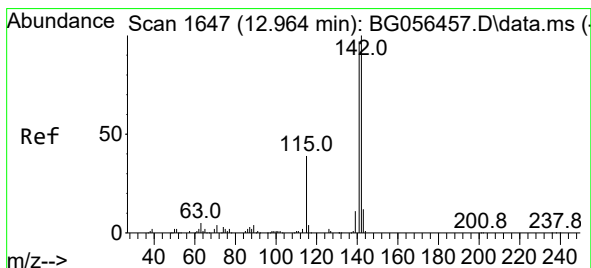
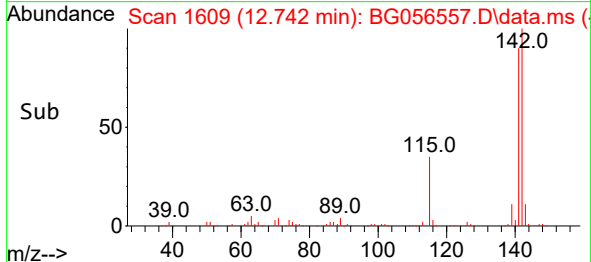
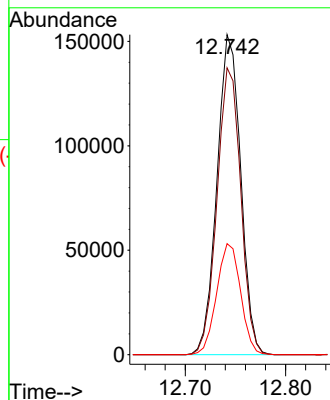
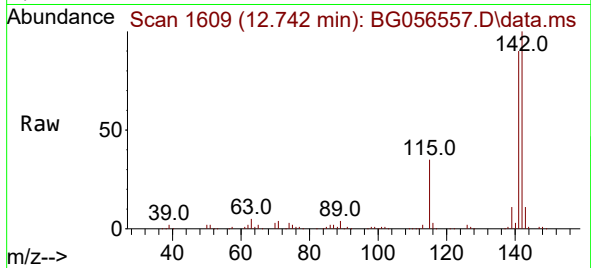
Tgt Ion:142 Resp: 251349

Ion Ratio Lower Upper

142 100

141 89.6 71.4 107.0

115 34.7 28.4 42.6



#38

1-Methylnaphthalene

Concen: 42.265 ng

RT: 12.959 min Scan# 1646

Delta R.T. -0.005 min

Lab File: BG056557.D

Acq: 6 Feb 2023 16:24

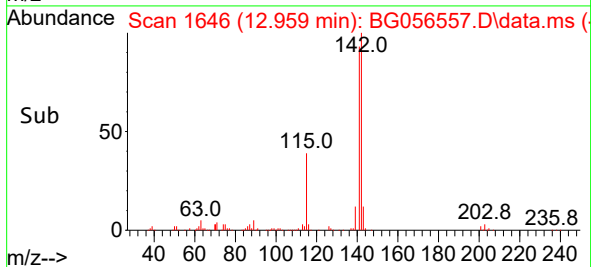
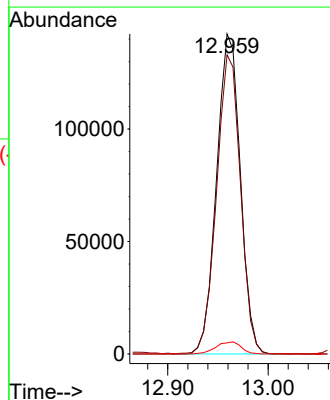
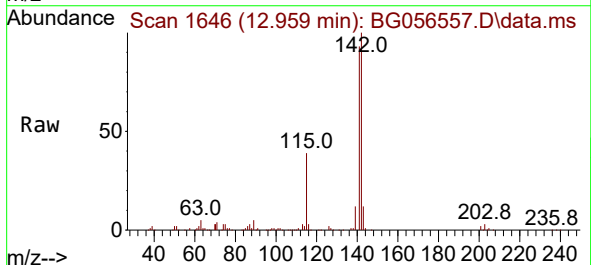
Tgt Ion:142 Resp: 233137

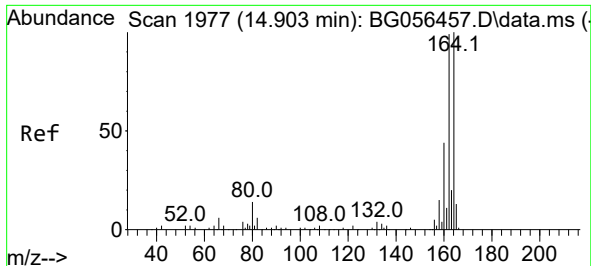
Ion Ratio Lower Upper

142 100

141 93.5 77.7 116.5

116 3.4 3.4 5.2#

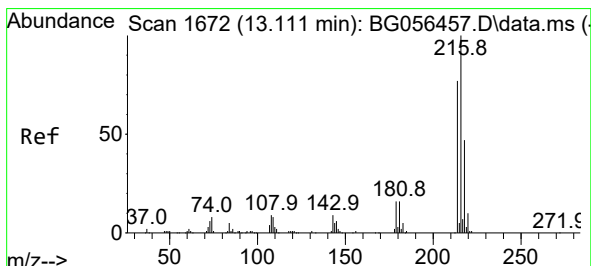
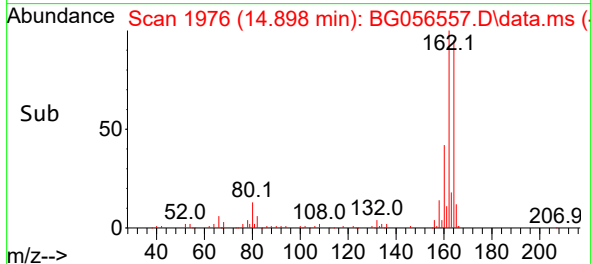
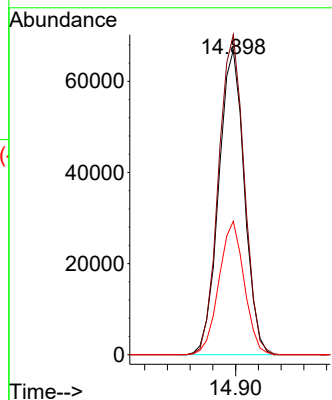
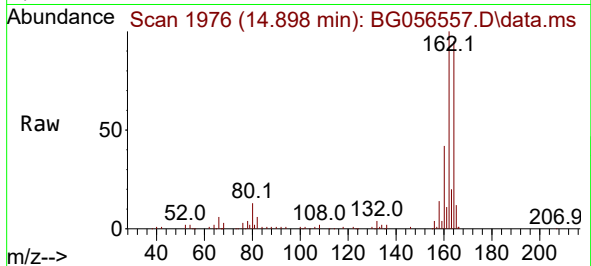




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.898 min Scan# 14  
Delta R.T. 0.001 min  
Lab File: BG056557.D  
Acq: 6 Feb 2023 16:24

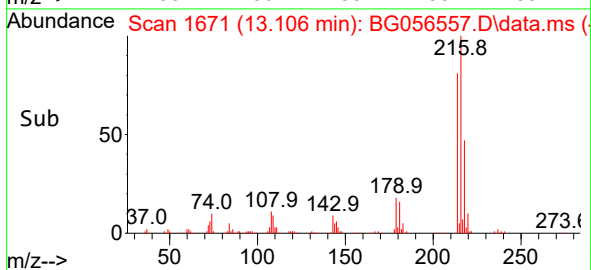
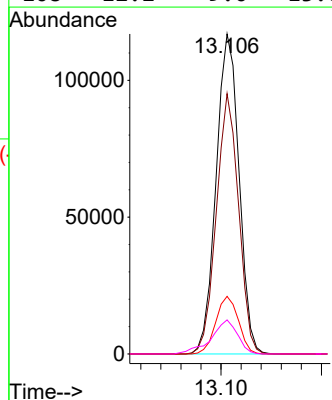
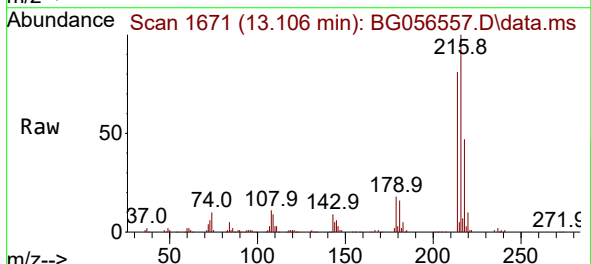
Instrument :  
BNA\_G  
ClientSampleId :  
B-01-SB02MSD

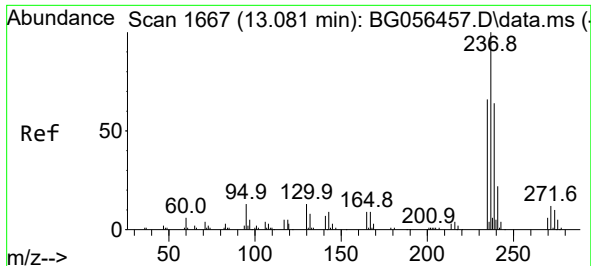
Tgt Ion:164 Resp: 104555  
Ion Ratio Lower Upper  
164 100  
162 105.0 79.6 119.4  
160 43.8 34.9 52.3



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 48.459 ng  
RT: 13.106 min Scan# 1671  
Delta R.T. 0.001 min  
Lab File: BG056557.D  
Acq: 6 Feb 2023 16:24

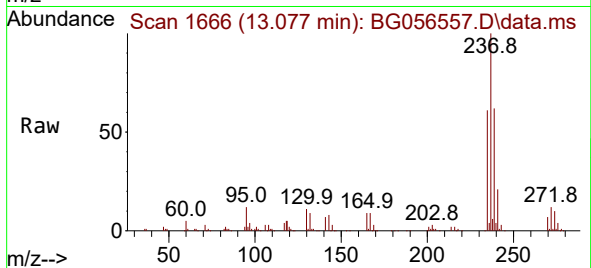
Tgt Ion:216 Resp: 185103  
Ion Ratio Lower Upper  
216 100  
214 79.0 63.0 94.6  
179 17.8 14.1 21.1  
108 12.2 9.0 13.6



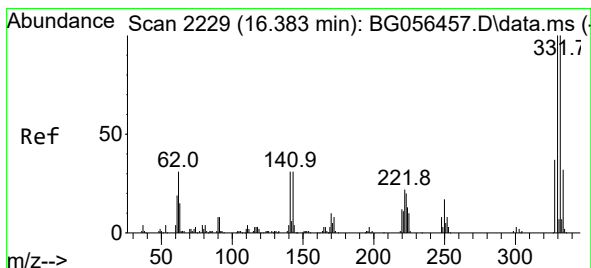
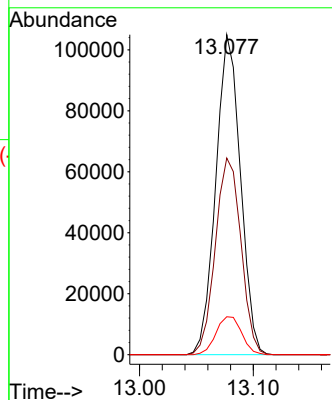
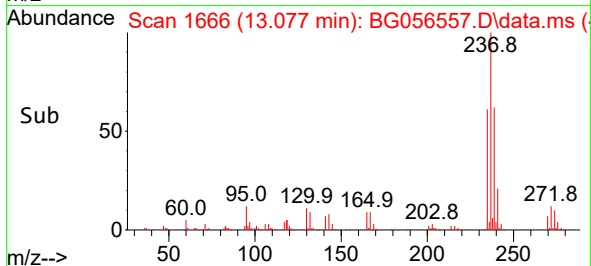


#41  
Hexachlorocyclopentadiene  
Concen: 78.303 ng  
RT: 13.077 min Scan# 1  
Delta R.T. -0.005 min  
Lab File: BG056557.D  
Acq: 6 Feb 2023 16:24

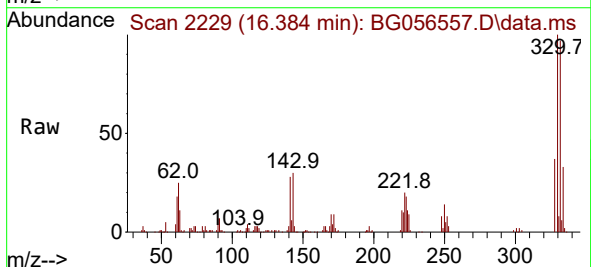
Instrument :  
BNA\_G  
ClientSampleId :  
B-01-SB02MSD



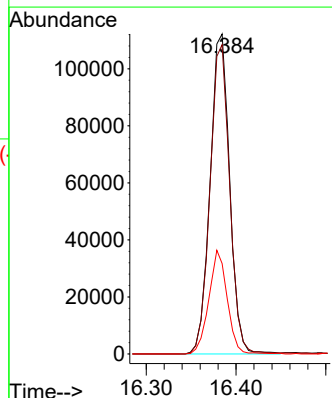
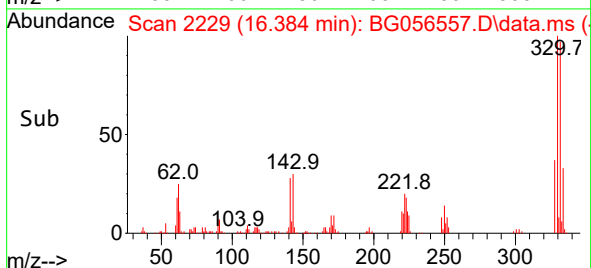
Tgt Ion:237 Resp: 158256  
Ion Ratio Lower Upper  
237 100  
235 61.4 45.6 85.6  
272 11.9 0.0 32.3

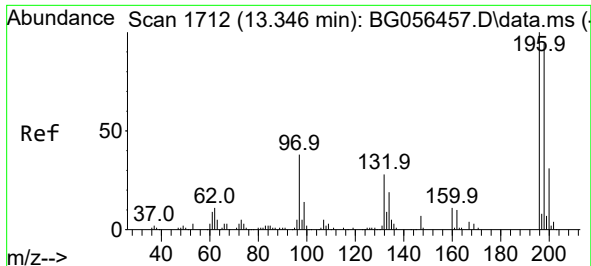


#42  
2,4,6-Tribromophenol  
Concen: 122.105 ng  
RT: 16.384 min Scan# 2229  
Delta R.T. 0.001 min  
Lab File: BG056557.D  
Acq: 6 Feb 2023 16:24



Tgt Ion:330 Resp: 169726  
Ion Ratio Lower Upper  
330 100  
332 97.5 79.0 118.6  
141 30.4 24.2 36.4

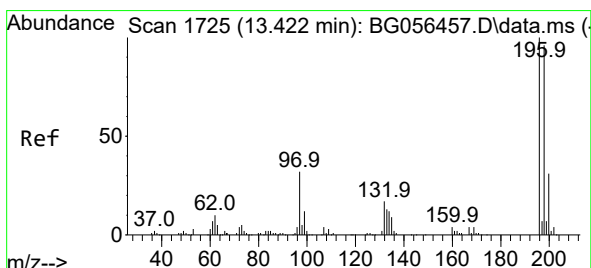
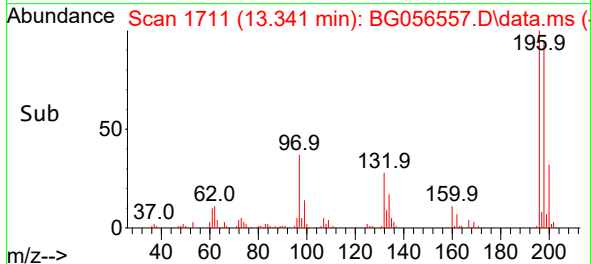
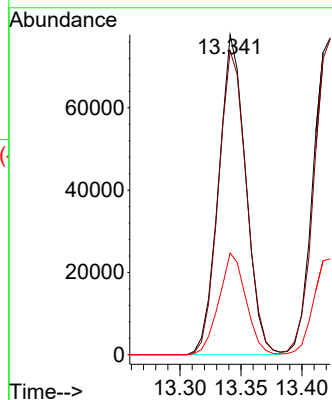
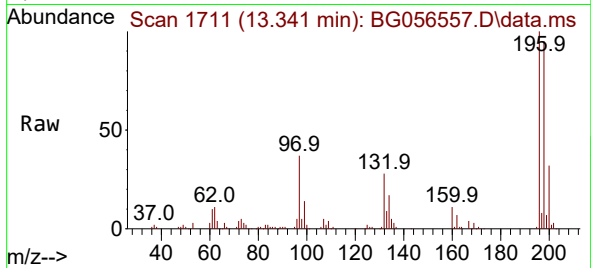




#43  
2,4,6-Trichlorophenol  
Concen: 48.984 ng  
RT: 13.341 min Scan# 11  
Delta R.T. -0.005 min  
Lab File: BG056557.D  
Acq: 6 Feb 2023 16:24

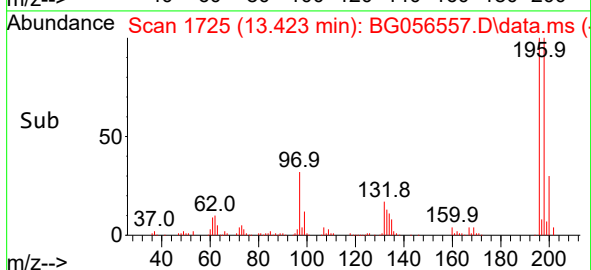
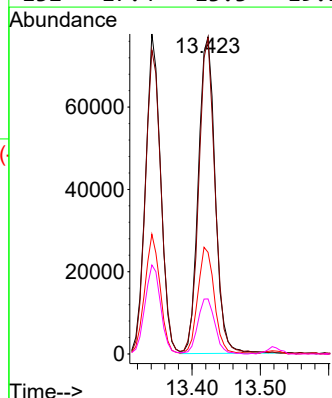
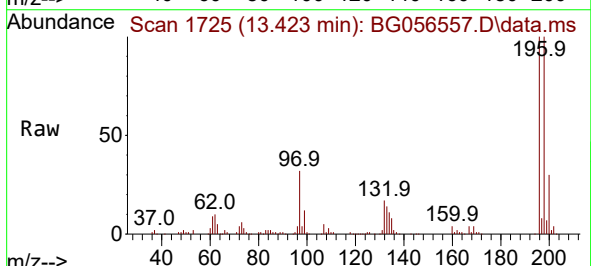
Instrument :  
BNA\_G  
ClientSampleId :  
B-01-SB02MSD

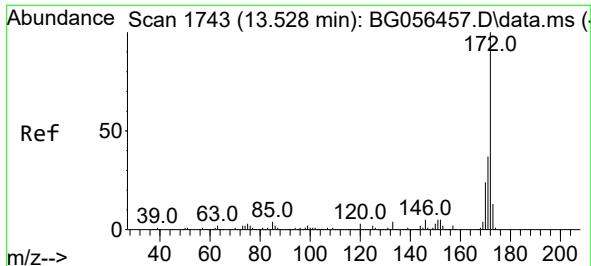
Tgt Ion:196 Resp: 120576  
Ion Ratio Lower Upper  
196 100  
198 94.9 75.4 113.0  
200 31.8 25.0 37.6



#44  
2,4,5-Trichlorophenol  
Concen: 45.552 ng  
RT: 13.423 min Scan# 1725  
Delta R.T. 0.001 min  
Lab File: BG056557.D  
Acq: 6 Feb 2023 16:24

Tgt Ion:196 Resp: 131281  
Ion Ratio Lower Upper  
196 100  
198 99.7 76.9 115.3  
97 32.0 25.8 38.6  
132 17.4 13.3 19.9

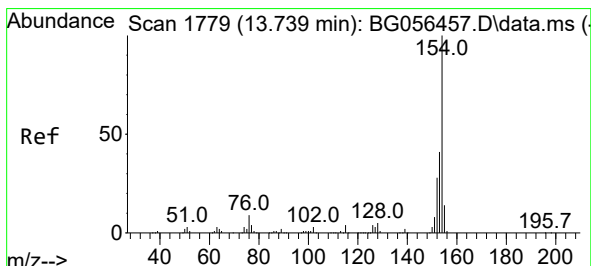
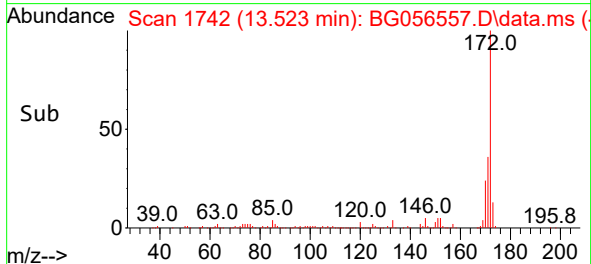
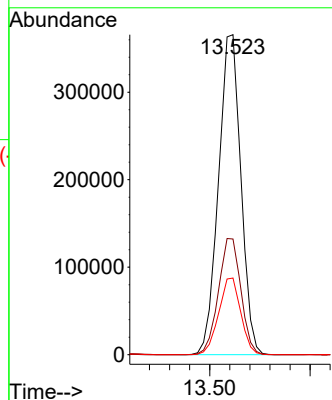
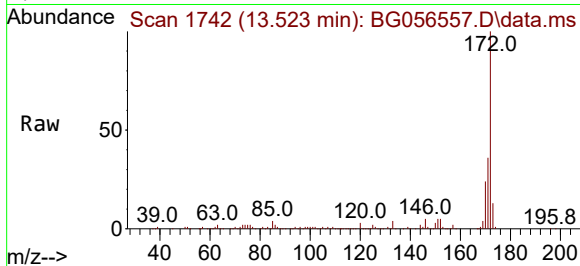




#45  
2-Fluorobiphenyl  
Concen: 75.009 ng  
RT: 13.523 min Scan# 1743  
Delta R.T. 0.001 min  
Lab File: BG056557.D  
Acq: 6 Feb 2023 16:24

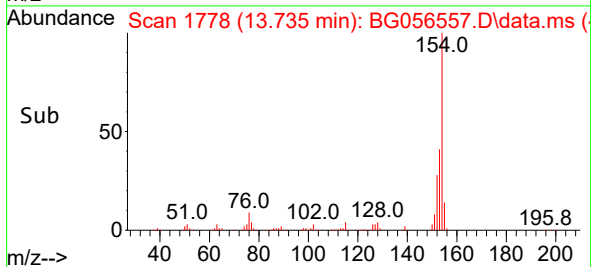
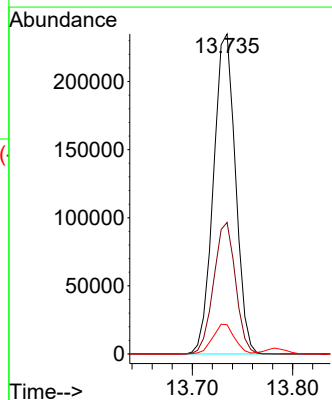
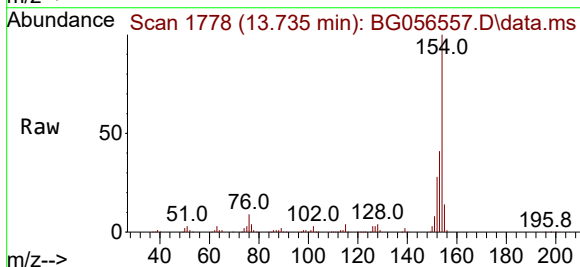
Instrument :  
BNA\_G  
ClientSampleId :  
B-01-SB02MSD

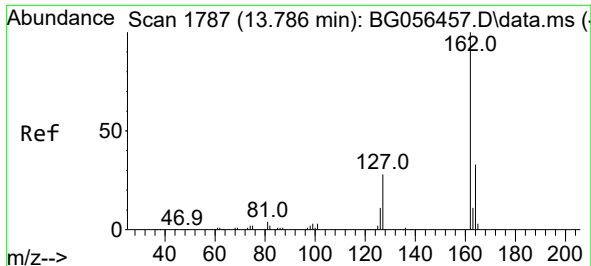
Tgt Ion:172 Resp: 565667  
Ion Ratio Lower Upper  
172 100  
171 36.2 29.5 44.3  
170 24.0 19.2 28.8



#46  
1,1'-Biphenyl  
Concen: 47.214 ng  
RT: 13.735 min Scan# 1778  
Delta R.T. 0.001 min  
Lab File: BG056557.D  
Acq: 6 Feb 2023 16:24

Tgt Ion:154 Resp: 358055  
Ion Ratio Lower Upper  
154 100  
153 41.1 21.5 61.5  
76 9.2 0.0 28.8





#47

2-Chloronaphthalene

Concen: 48.205 ng

RT: 13.782 min Scan# 1

Delta R.T. -0.005 min

Lab File: BG056557.D

Acq: 6 Feb 2023 16:24

Instrument :

BNA\_G

ClientSampleId :

B-01-SB02MSD

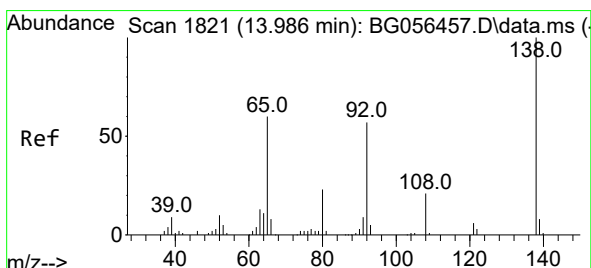
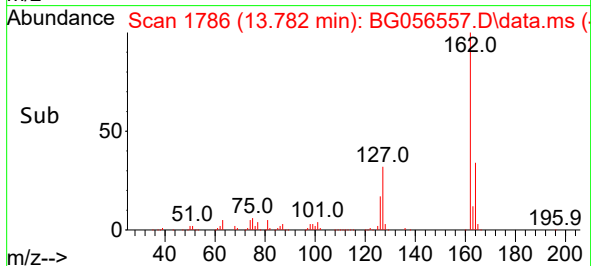
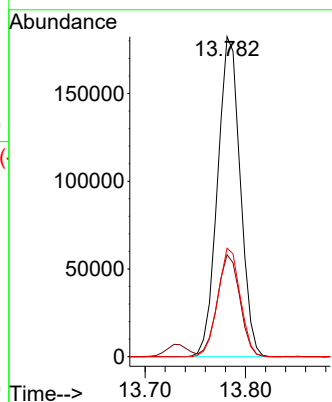
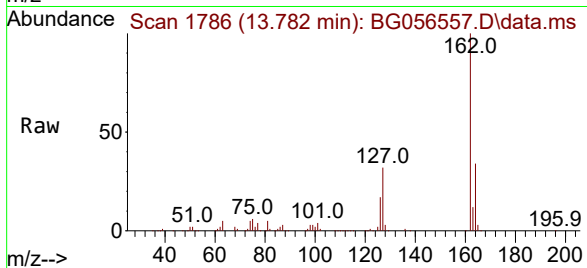
Tgt Ion:162 Resp: 285743

Ion Ratio Lower Upper

162 100

127 31.8 25.2 37.8

164 33.9 26.2 39.2



#48

2-Nitroaniline

Concen: 46.204 ng

RT: 13.981 min Scan# 1820

Delta R.T. 0.001 min

Lab File: BG056557.D

Acq: 6 Feb 2023 16:24

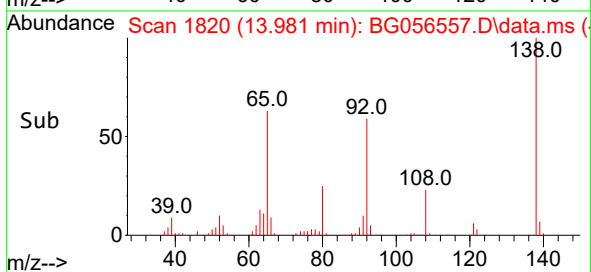
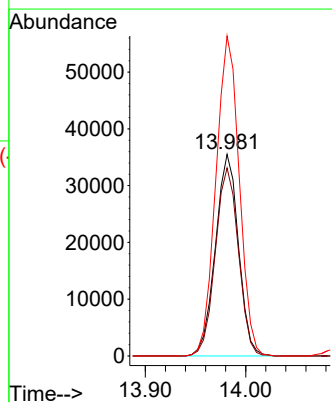
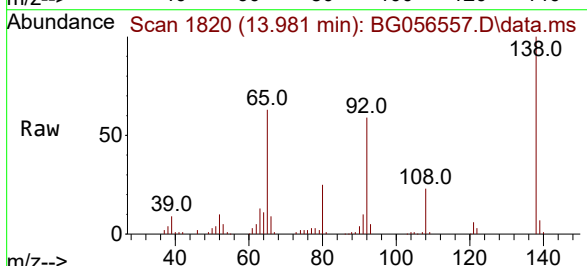
Tgt Ion: 65 Resp: 56617

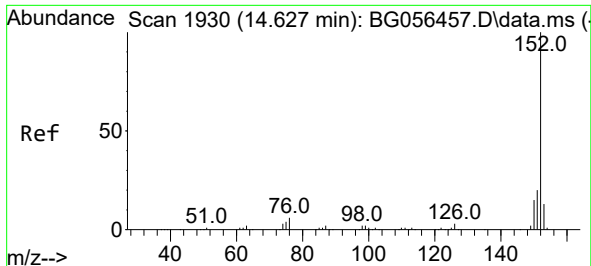
Ion Ratio Lower Upper

65 100

92 93.2 75.8 113.6

138 158.7 133.2 199.8

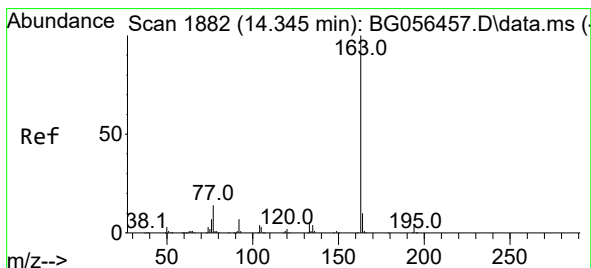
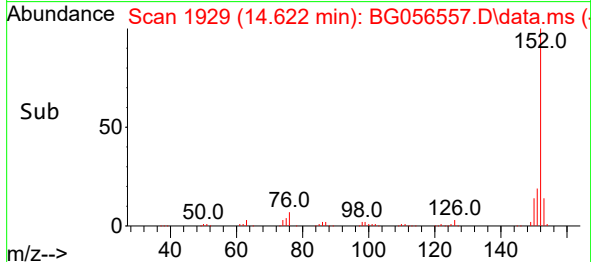
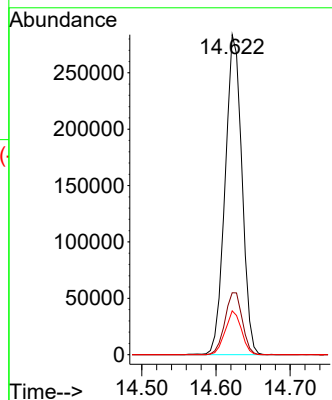
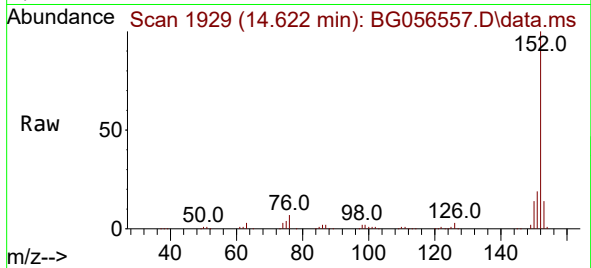




#49  
Acenaphthylene  
Concen: 46.329 ng  
RT: 14.622 min Scan# 1930  
Delta R.T. -0.005 min  
Lab File: BG056557.D  
Acq: 6 Feb 2023 16:24

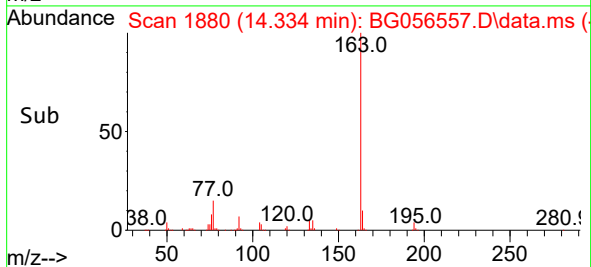
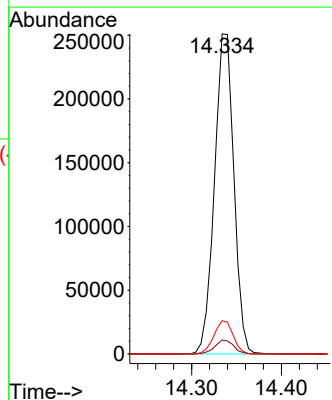
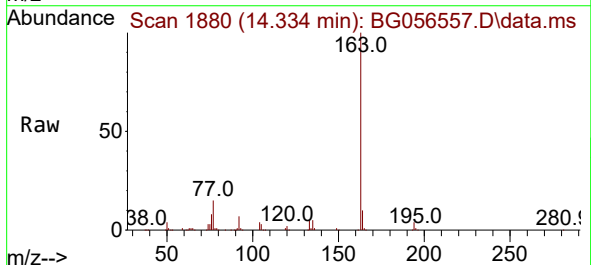
Instrument :  
BNA\_G  
ClientSampleId :  
B-01-SB02MSD

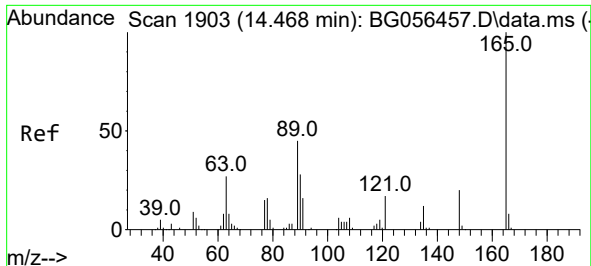
Tgt Ion:152 Resp: 446797  
Ion Ratio Lower Upper  
152 100  
151 19.4 15.9 23.9  
153 13.7 10.5 15.7



#50  
Dimethylphthalate  
Concen: 44.574 ng  
RT: 14.334 min Scan# 1880  
Delta R.T. -0.005 min  
Lab File: BG056557.D  
Acq: 6 Feb 2023 16:24

Tgt Ion:163 Resp: 377044  
Ion Ratio Lower Upper  
163 100  
194 4.4 3.5 5.3  
164 10.4 8.1 12.1

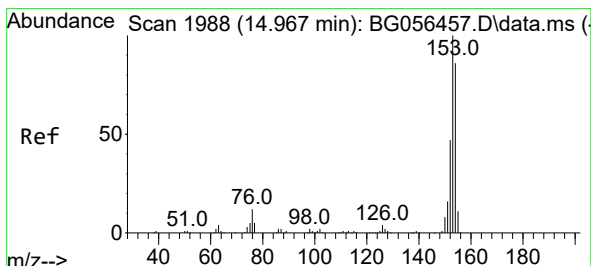
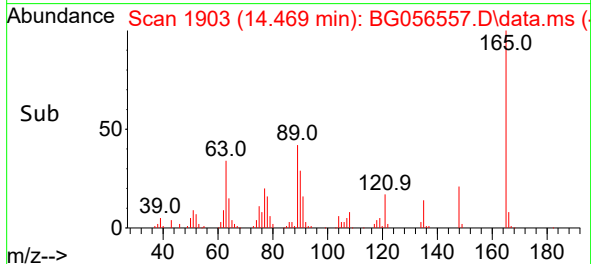
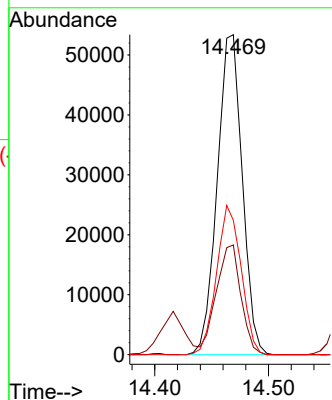
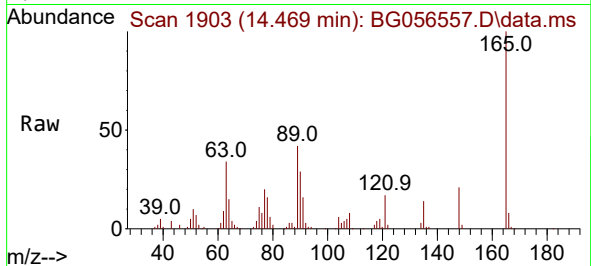




#51  
2,6-Dinitrotoluene  
Concen: 44.344 ng  
RT: 14.469 min Scan# 1903  
Delta R.T. 0.001 min  
Lab File: BG056557.D  
Acq: 6 Feb 2023 16:24

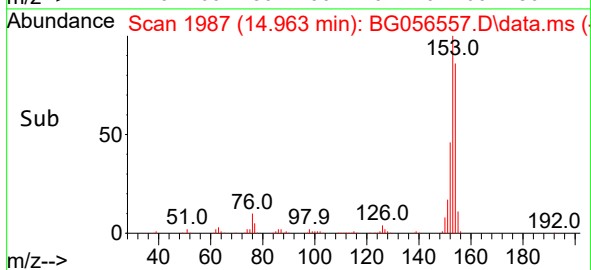
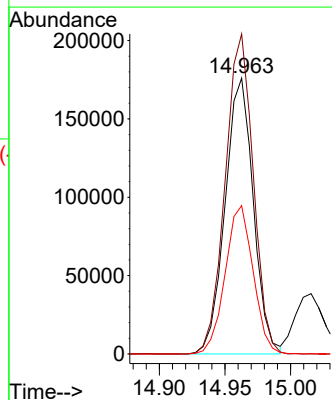
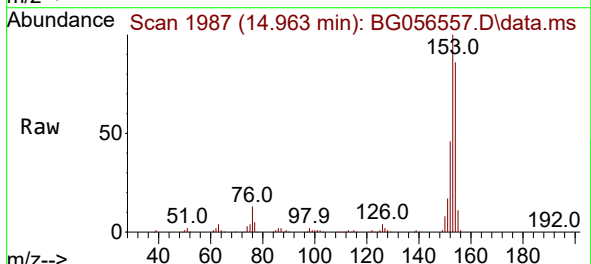
Instrument :  
BNA\_G  
ClientSampleId :  
B-01-SB02MSD

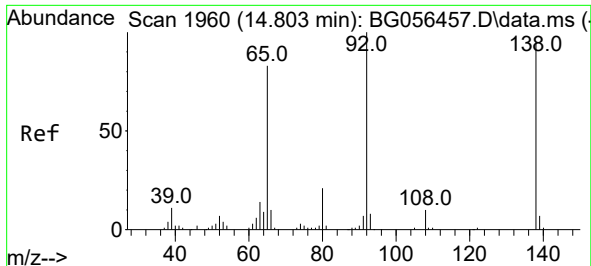
Tgt Ion:165 Resp: 81800  
Ion Ratio Lower Upper  
165 100  
63 34.3 26.9 40.3  
89 42.0 35.6 53.4



#52  
Acenaphthene  
Concen: 46.107 ng  
RT: 14.963 min Scan# 1987  
Delta R.T. 0.001 min  
Lab File: BG056557.D  
Acq: 6 Feb 2023 16:24

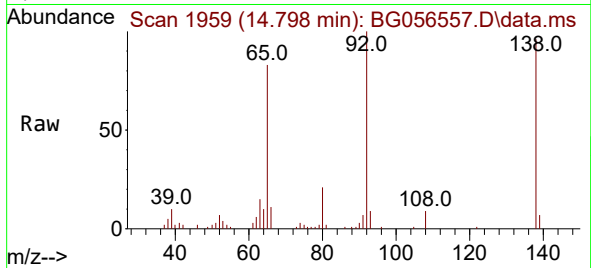
Tgt Ion:154 Resp: 263685  
Ion Ratio Lower Upper  
154 100  
153 116.0 93.4 140.0  
152 53.8 43.4 65.2



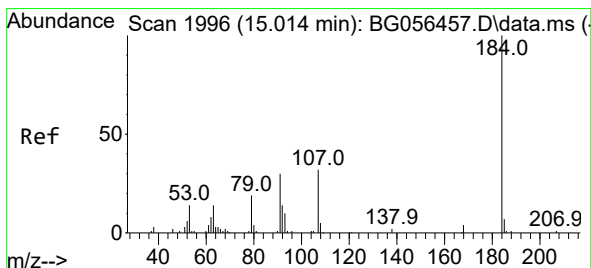
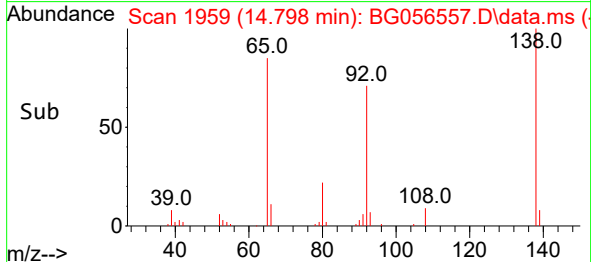
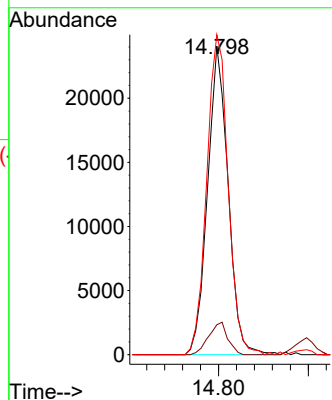


#53  
3-Nitroaniline  
Concen: 21.403 ng  
RT: 14.798 min Scan# 1959  
Delta R.T. -0.005 min  
Lab File: BG056557.D  
Acq: 6 Feb 2023 16:24

Instrument :  
BNA\_G  
ClientSampleId :  
B-01-SB02MSD

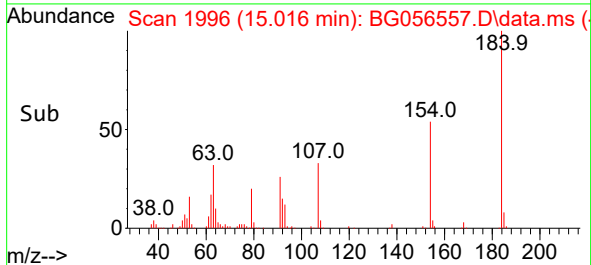
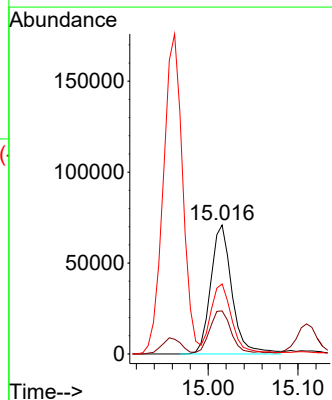
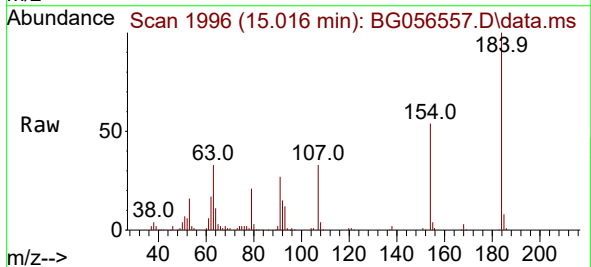


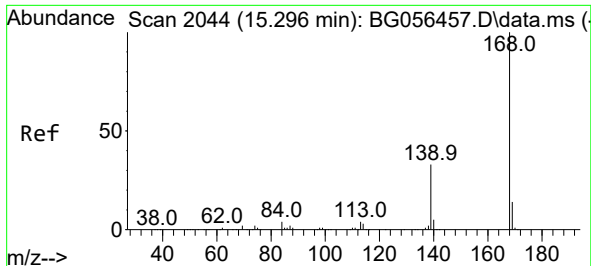
Tgt Ion:138 Resp: 38276  
Ion Ratio Lower Upper  
138 100  
108 9.7 8.0 12.0  
92 103.7 84.1 126.1



#54  
2,4-Dinitrophenol  
Concen: 100.567 ng  
RT: 15.016 min Scan# 1996  
Delta R.T. 0.001 min  
Lab File: BG056557.D  
Acq: 6 Feb 2023 16:24

Tgt Ion:184 Resp: 116301  
Ion Ratio Lower Upper  
184 100  
63 33.4 25.1 37.7  
154 54.3 44.8 67.2

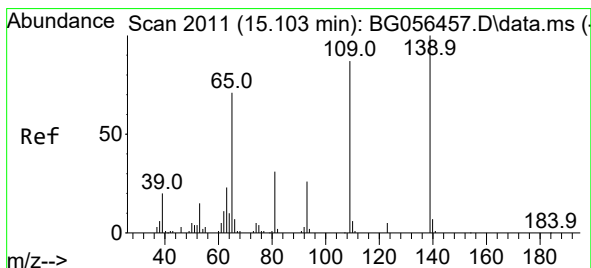
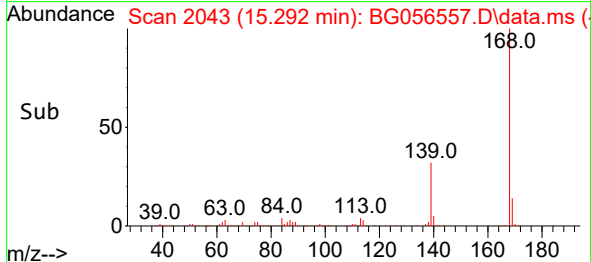
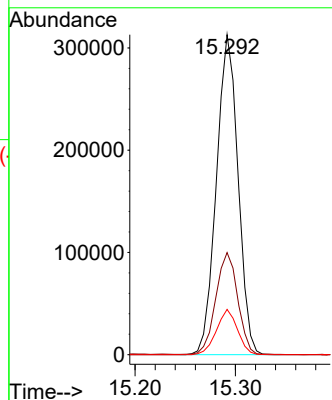
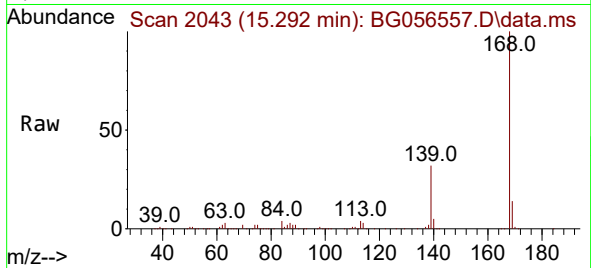




#55  
Dibenzofuran  
Concen: 45.618 ng  
RT: 15.292 min Scan# 2044  
Delta R.T. 0.001 min  
Lab File: BG056557.D  
Acq: 6 Feb 2023 16:24

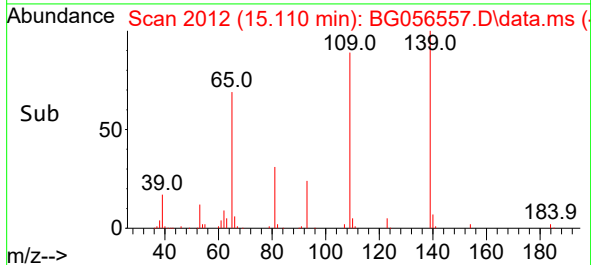
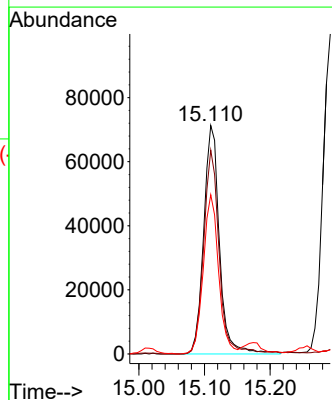
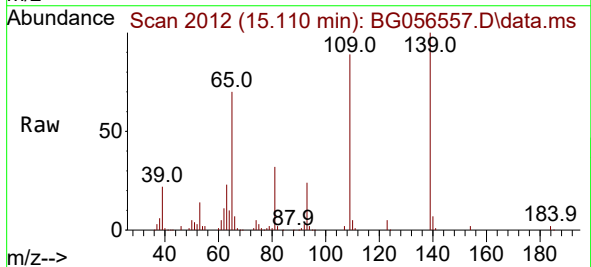
Instrument :  
BNA\_G  
ClientSampleId :  
B-01-SB02MSD

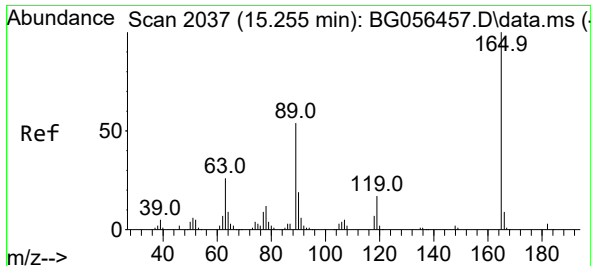
Tgt Ion:168 Resp: 467881  
Ion Ratio Lower Upper  
168 100  
139 31.9 26.2 39.2  
169 14.1 11.0 16.6



#56  
4-Nitrophenol  
Concen: 97.915 ng  
RT: 15.110 min Scan# 2012  
Delta R.T. 0.001 min  
Lab File: BG056557.D  
Acq: 6 Feb 2023 16:24

Tgt Ion:139 Resp: 119650  
Ion Ratio Lower Upper  
139 100  
109 89.2 67.5 107.5  
65 69.6 50.7 90.7





#57

2,4-Dinitrotoluene

Concen: 45.700 ng

RT: 15.256 min Scan# 2037

Delta R.T. 0.001 min

Lab File: BG056557.D

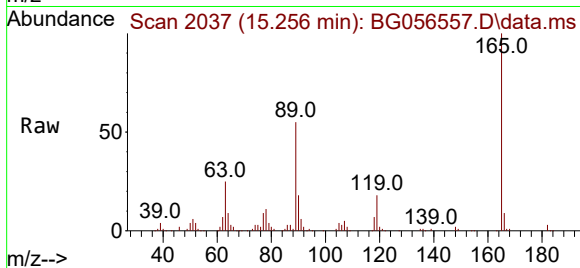
Acq: 6 Feb 2023 16:24

Instrument :

BNA\_G

ClientSampleId :

B-01-SB02MSD



Tgt Ion:165 Resp: 118744

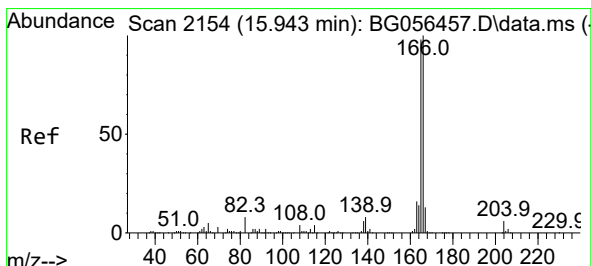
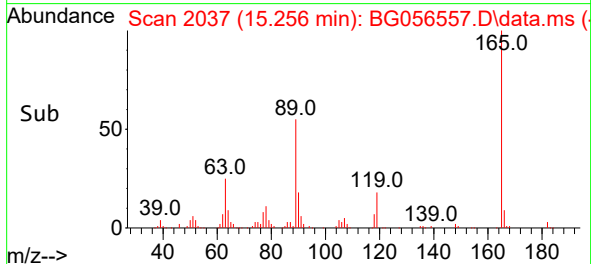
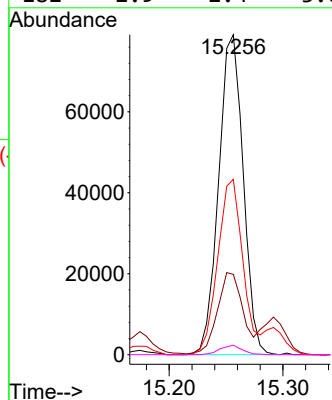
Ion Ratio Lower Upper

165 100

63 25.1 20.6 31.0

89 54.8 43.1 64.7

182 2.9 2.4 3.6



#58

Fluorene

Concen: 45.623 ng

RT: 15.938 min Scan# 2153

Delta R.T. 0.001 min

Lab File: BG056557.D

Acq: 6 Feb 2023 16:24

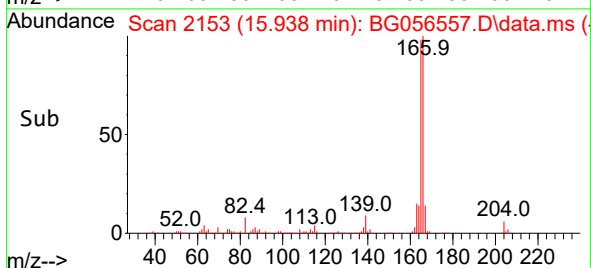
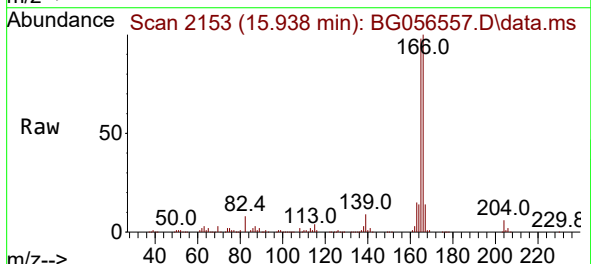
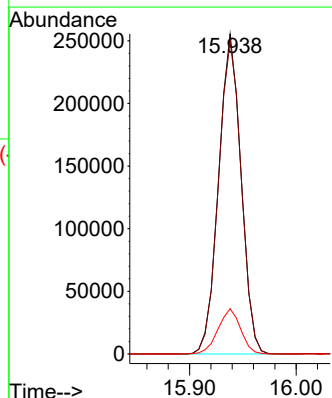
Tgt Ion:166 Resp: 372337

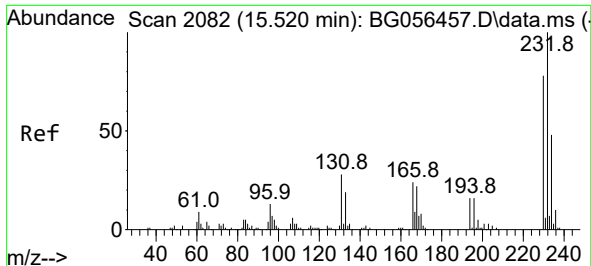
Ion Ratio Lower Upper

166 100

165 97.7 78.8 118.2

167 14.1 10.6 15.8

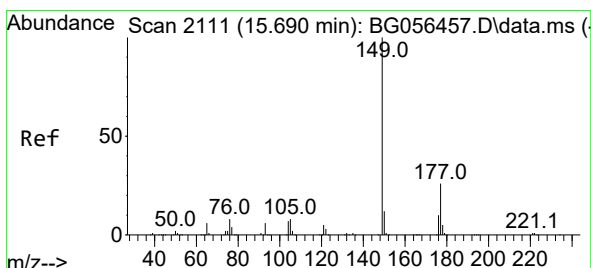
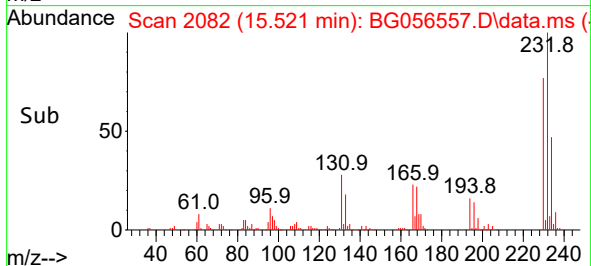
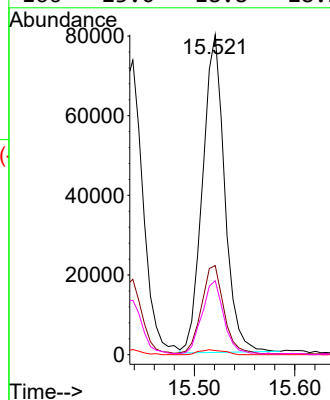
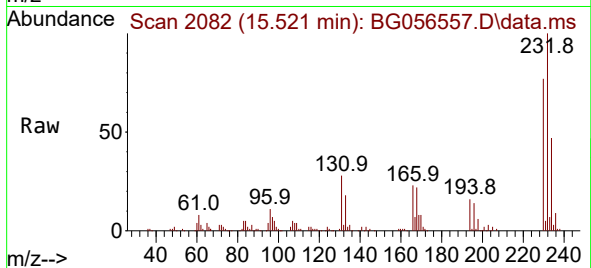




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 47.596 ng  
RT: 15.521 min Scan# 2082  
Delta R.T. 0.001 min  
Lab File: BG056557.D  
Acq: 6 Feb 2023 16:24

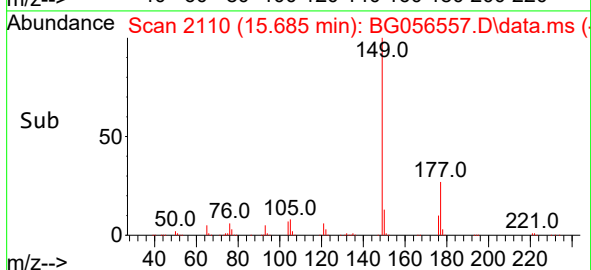
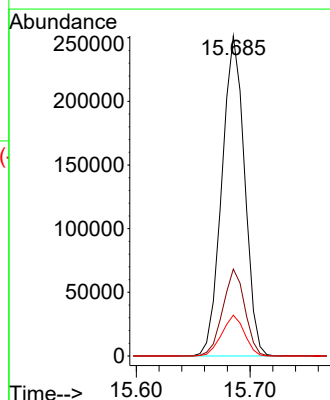
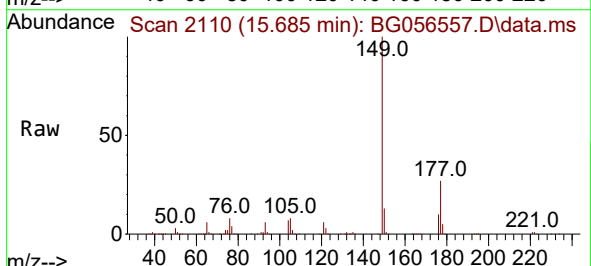
Instrument :  
BNA\_G  
ClientSampleId :  
B-01-SB02MSD

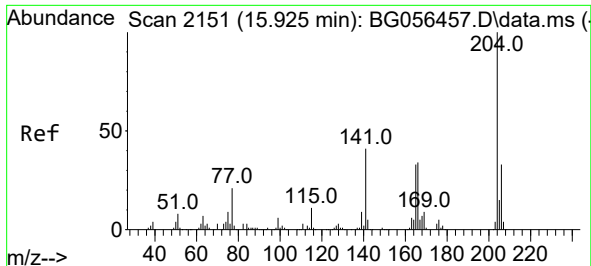
Tgt Ion:232 Resp: 121963  
Ion Ratio Lower Upper  
232 100  
131 28.6 22.8 34.2  
130 1.8 1.4 2.0  
166 23.0 18.8 28.2



#60  
Diethylphthalate  
Concen: 43.928 ng  
RT: 15.685 min Scan# 2110  
Delta R.T. 0.001 min  
Lab File: BG056557.D  
Acq: 6 Feb 2023 16:24

Tgt Ion:149 Resp: 348915  
Ion Ratio Lower Upper  
149 100  
177 27.1 21.0 31.4  
150 12.8 9.9 14.9

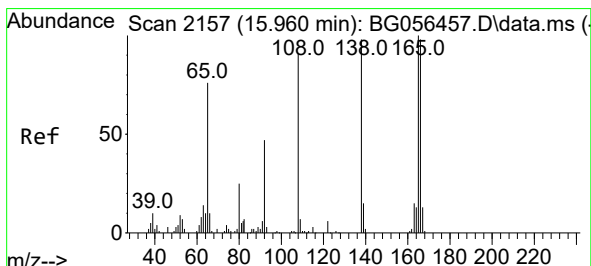
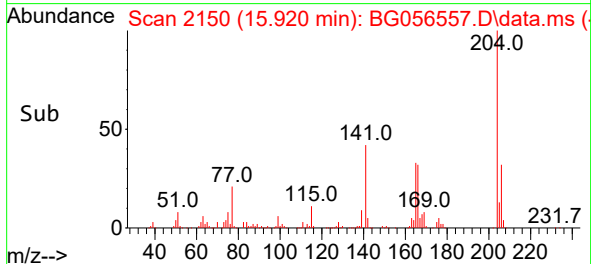
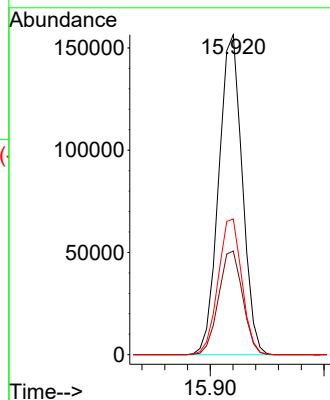
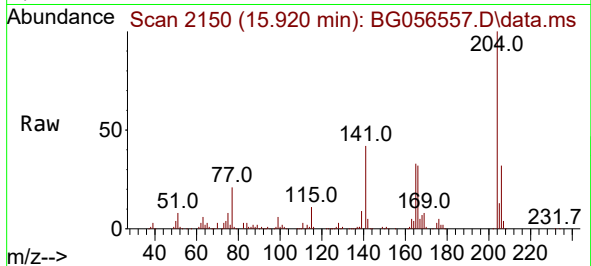




#61  
4-Chlorophenyl-phenylether  
Concen: 45.153 ng  
RT: 15.920 min Scan# 2151  
Delta R.T. 0.001 min  
Lab File: BG056557.D  
Acq: 6 Feb 2023 16:24

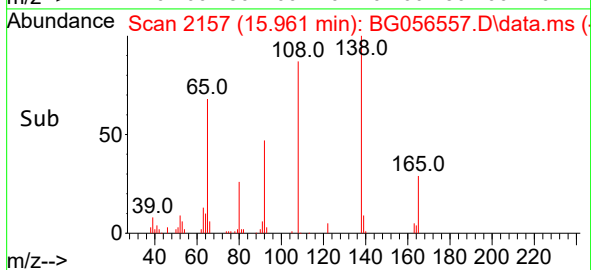
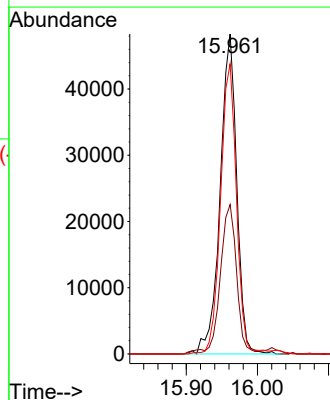
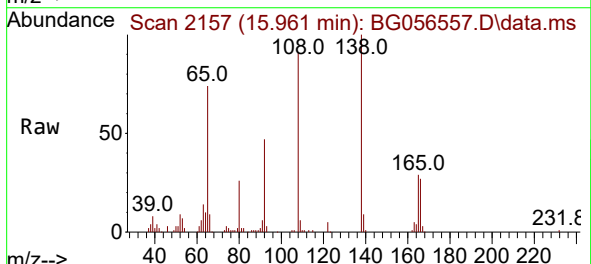
Instrument :  
BNA\_G  
ClientSampleId :  
B-01-SB02MSD

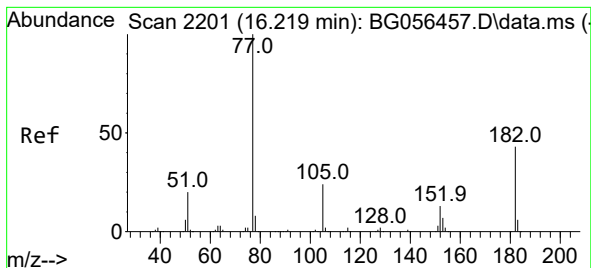
Tgt Ion:204 Resp: 224859  
Ion Ratio Lower Upper  
204 100  
206 32.4 26.2 39.4  
141 42.4 32.7 49.1



#62  
4-Nitroaniline  
Concen: 43.587 ng  
RT: 15.961 min Scan# 2157  
Delta R.T. 0.001 min  
Lab File: BG056557.D  
Acq: 6 Feb 2023 16:24

Tgt Ion:138 Resp: 77997  
Ion Ratio Lower Upper  
138 100  
92 46.7 27.8 67.8  
108 90.7 72.6 112.6





#63

Azobenzene

Concen: 56.796 ng

RT: 16.214 min Scan# 21

Delta R.T. 0.001 min

Lab File: BG056557.D

Acq: 6 Feb 2023 16:24

Instrument :

BNA\_G

ClientSampleId :

B-01-SB02MSD

Tgt Ion: 77 Resp: 310415

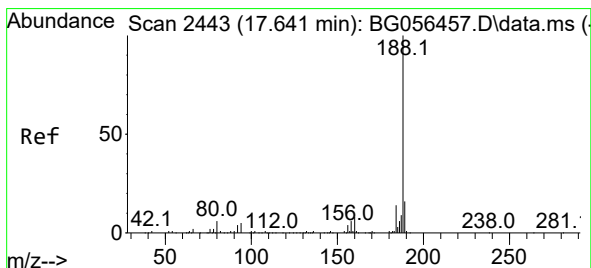
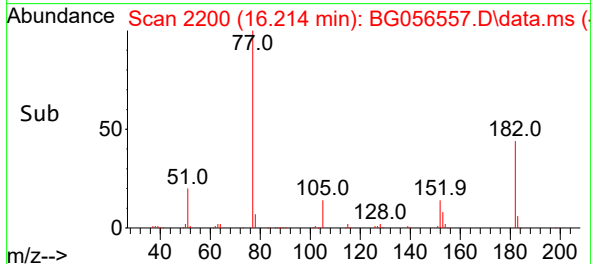
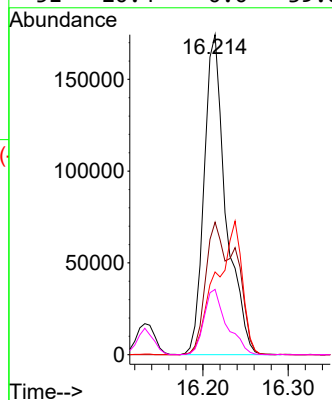
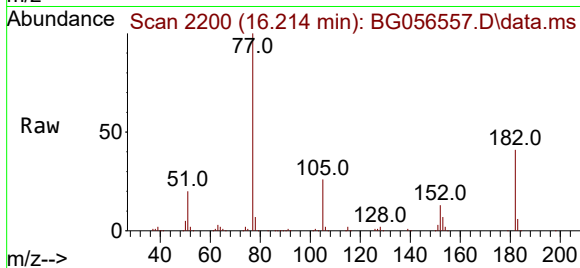
Ion Ratio Lower Upper

77 100

182 41.4 23.1 63.1

105 25.8 4.2 44.2

51 20.4 0.0 39.8



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.636 min Scan# 2442

Delta R.T. -0.005 min

Lab File: BG056557.D

Acq: 6 Feb 2023 16:24

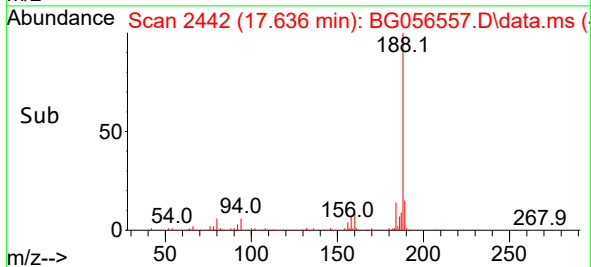
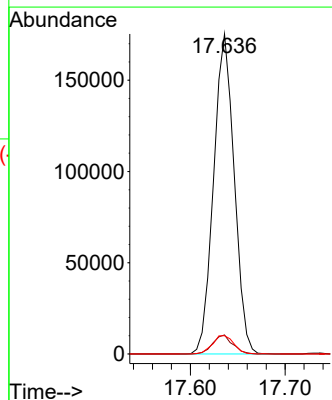
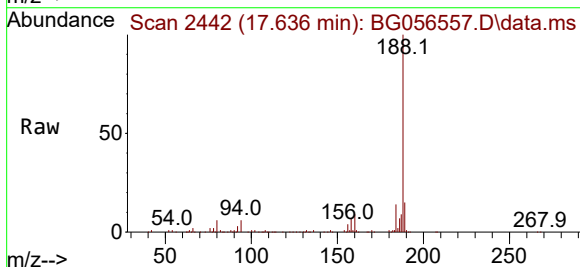
Tgt Ion:188 Resp: 264553

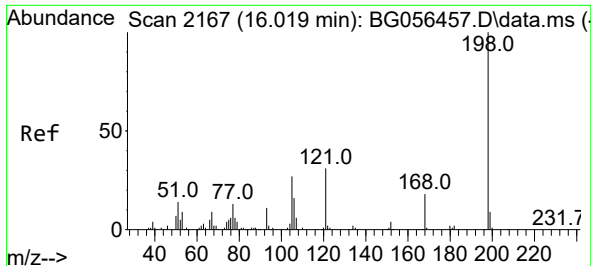
Ion Ratio Lower Upper

188 100

94 6.0 4.1 6.1

80 5.7 5.0 7.4

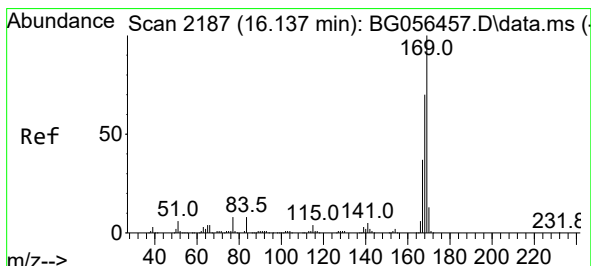
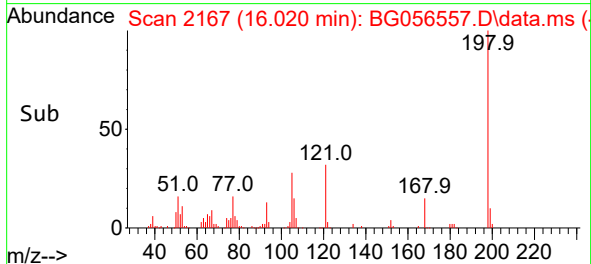
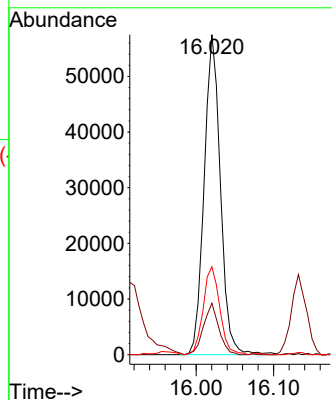
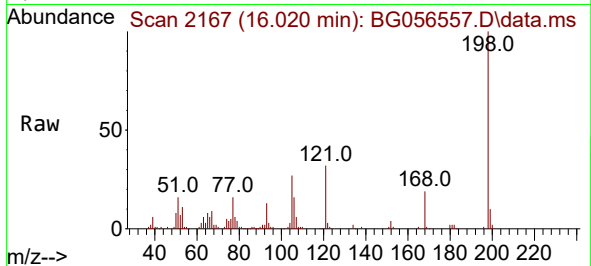




#65  
4,6-Dinitro-2-methylphenol  
Concen: 45.018 ng  
RT: 16.020 min Scan# 2167  
Delta R.T. -0.005 min  
Lab File: BG056557.D  
Acq: 6 Feb 2023 16:24

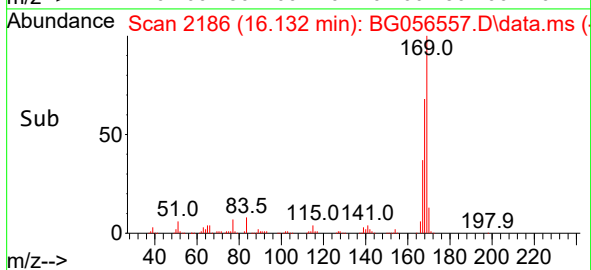
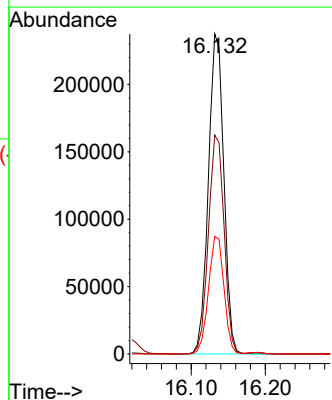
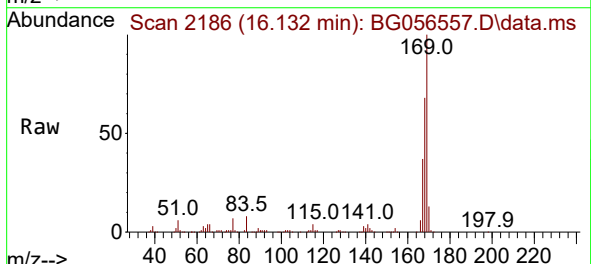
Instrument :  
BNA\_G  
ClientSampleId :  
B-01-SB02MSD

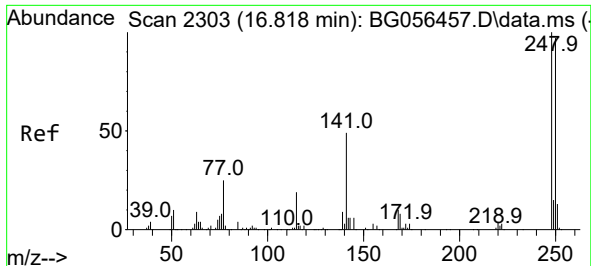
Tgt Ion:198 Resp: 83731  
Ion Ratio Lower Upper  
198 100  
51 16.0 0.0 35.0  
105 27.4 7.4 47.4



#66  
n-Nitrosodiphenylamine  
Concen: 45.936 ng  
RT: 16.132 min Scan# 2186  
Delta R.T. -0.005 min  
Lab File: BG056557.D  
Acq: 6 Feb 2023 16:24

Tgt Ion:169 Resp: 344070  
Ion Ratio Lower Upper  
169 100  
168 68.4 55.8 83.6  
167 36.7 29.8 44.8

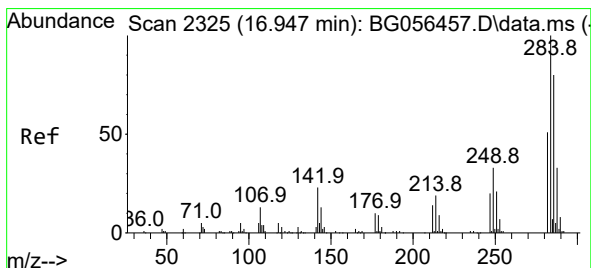
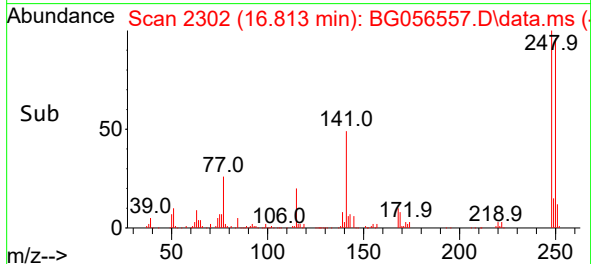
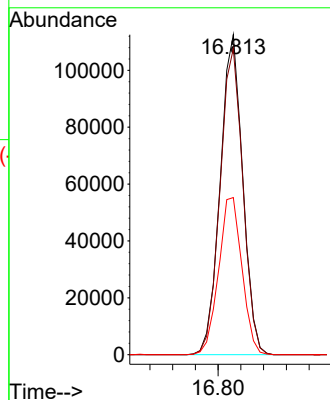
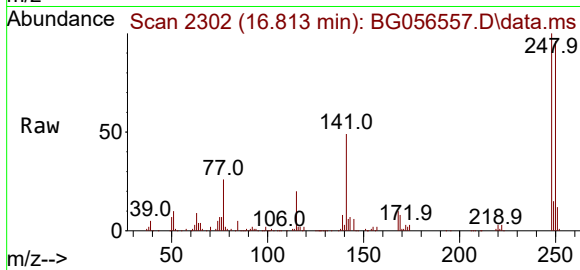




#67  
4-Bromophenyl-phenylether  
Concen: 45.723 ng  
RT: 16.813 min Scan# 21  
Delta R.T. 0.001 min  
Lab File: BG056557.D  
Acq: 6 Feb 2023 16:24

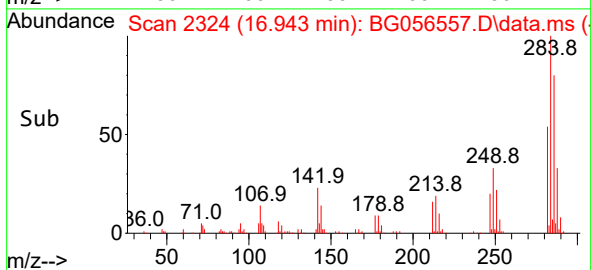
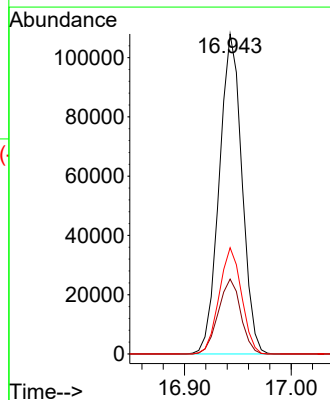
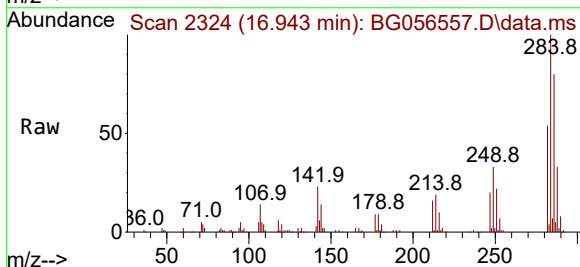
Instrument :  
BNA\_G  
ClientSampleId :  
B-01-SB02MSD

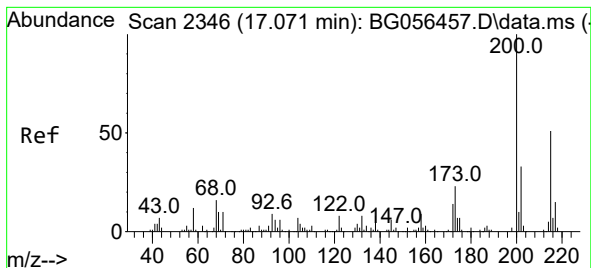
Tgt Ion:248 Resp: 154851  
Ion Ratio Lower Upper  
248 100  
250 95.7 77.6 116.4  
141 49.1 39.0 58.4



#68  
Hexachlorobenzene  
Concen: 47.981 ng  
RT: 16.943 min Scan# 2324  
Delta R.T. -0.005 min  
Lab File: BG056557.D  
Acq: 6 Feb 2023 16:24

Tgt Ion:284 Resp: 159156  
Ion Ratio Lower Upper  
284 100  
142 23.4 18.0 27.0  
249 33.2 26.7 40.1





#69

Atrazine

Concen: 51.545 ng

RT: 17.072 min Scan# 21

Delta R.T. 0.001 min

Lab File: BG056557.D

Acq: 6 Feb 2023 16:24

Instrument :

BNA\_G

ClientSampleId :

B-01-SB02MSD

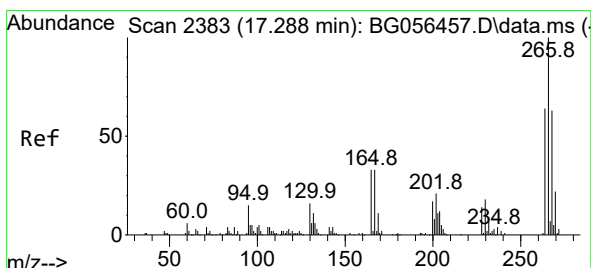
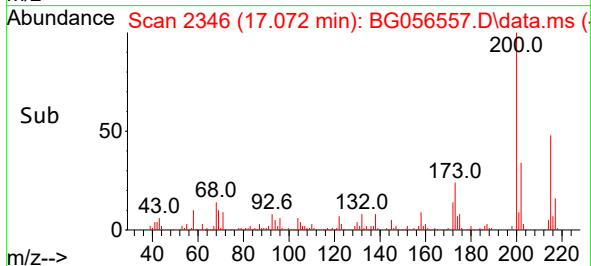
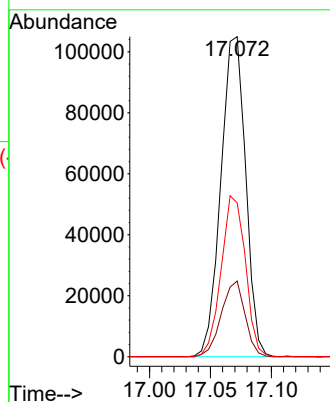
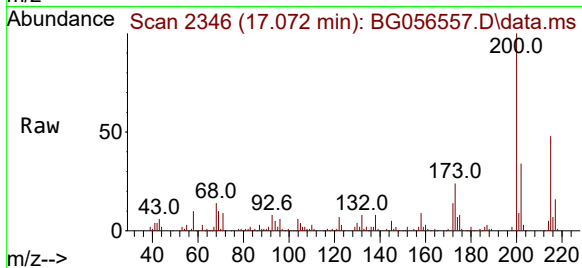
Tgt Ion:200 Resp: 148948

Ion Ratio Lower Upper

200 100

173 23.7 3.2 43.2

215 48.0 30.7 70.7



#70

Pentachlorophenol

Concen: 86.062 ng

RT: 17.289 min Scan# 2383

Delta R.T. 0.001 min

Lab File: BG056557.D

Acq: 6 Feb 2023 16:24

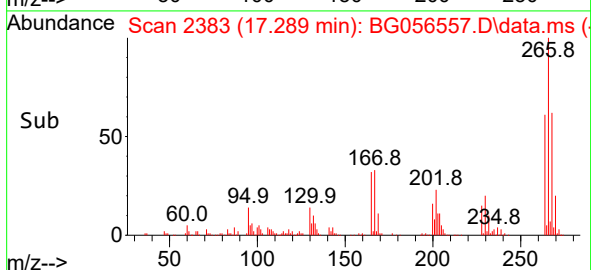
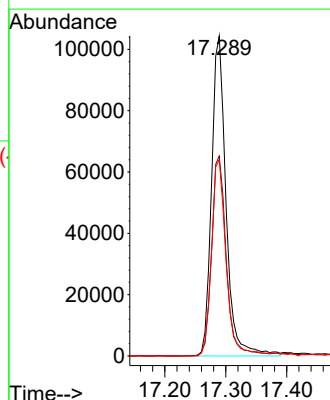
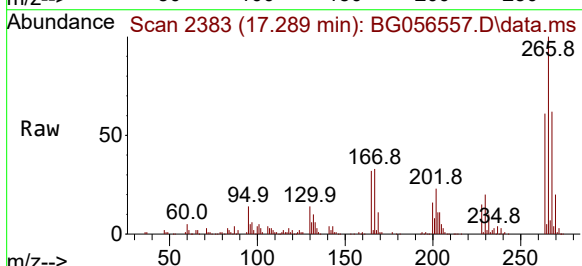
Tgt Ion:266 Resp: 172735

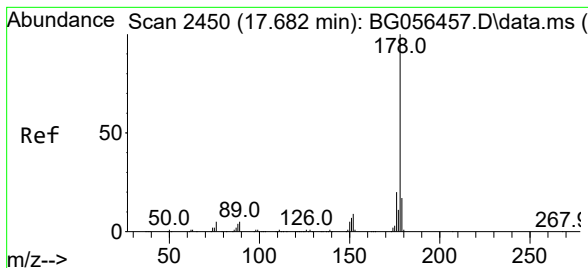
Ion Ratio Lower Upper

266 100

268 62.4 50.2 75.4

264 61.3 51.4 77.0





#71

Phenanthrene

Concen: 46.205 ng

RT: 17.677 min Scan# 2449

Delta R.T. -0.005 min

Lab File: BG056557.D

Acq: 6 Feb 2023 16:24

Instrument :

BNA\_G

ClientSampleId :

B-01-SB02MSD

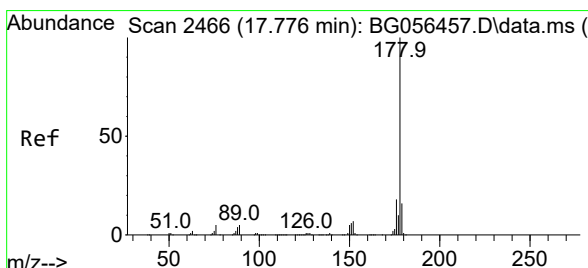
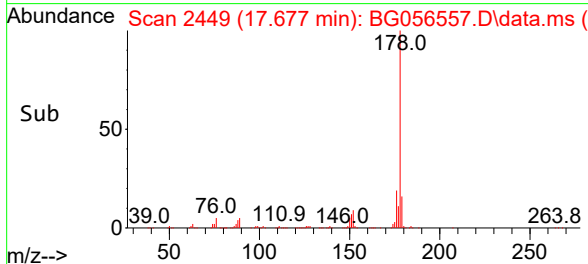
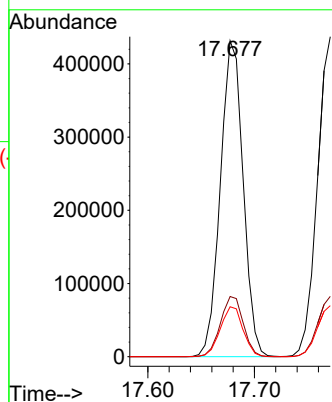
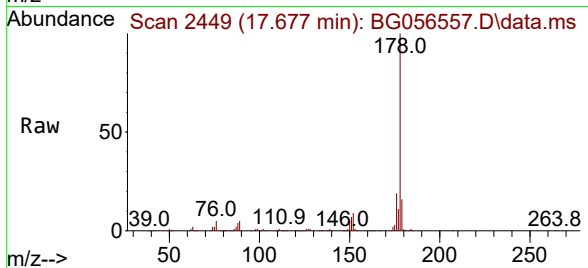
Tgt Ion:178 Resp: 639760

Ion Ratio Lower Upper

178 100

176 19.0 15.6 23.4

179 15.8 13.3 19.9



#72

Anthracene

Concen: 46.552 ng

RT: 17.771 min Scan# 2465

Delta R.T. 0.001 min

Lab File: BG056557.D

Acq: 6 Feb 2023 16:24

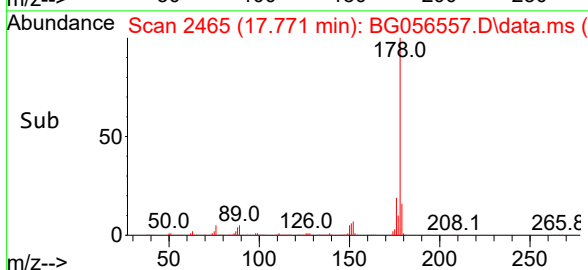
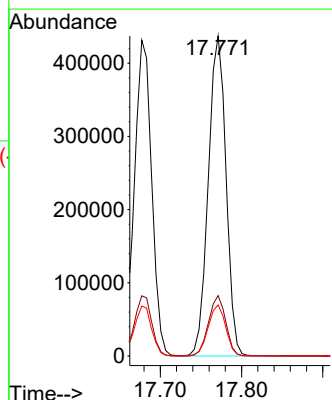
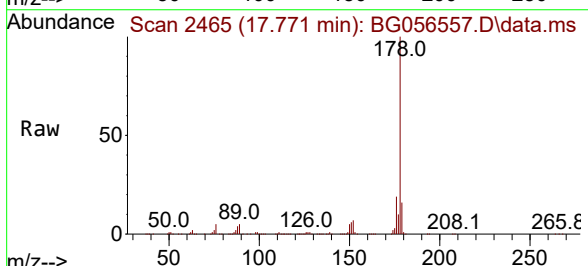
Tgt Ion:178 Resp: 661670

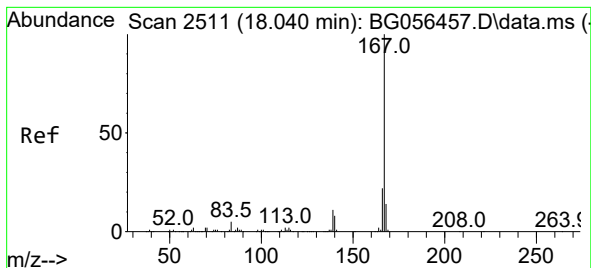
Ion Ratio Lower Upper

178 100

176 18.8 14.5 21.7

179 16.0 12.5 18.7





#73

Carbazole

Concen: 47.821 ng

RT: 18.035 min Scan# 2511

Delta R.T. -0.005 min

Lab File: BG056557.D

Acq: 6 Feb 2023 16:24

Instrument :

BNA\_G

ClientSampleId :

B-01-SB02MSD

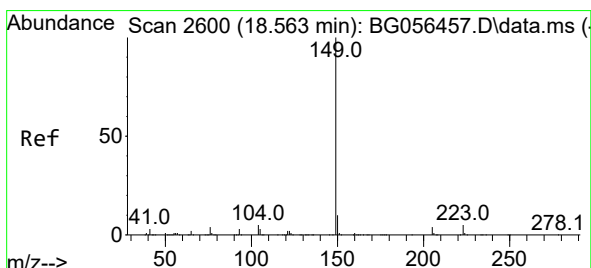
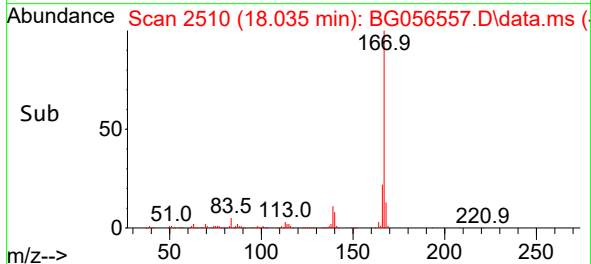
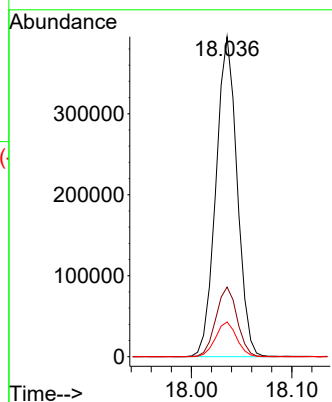
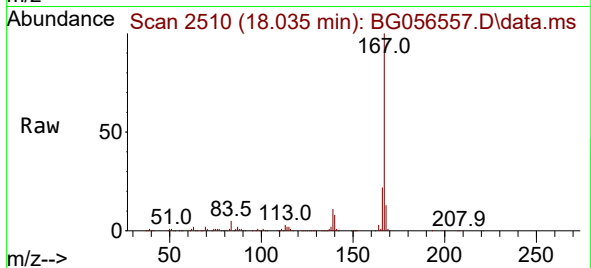
Tgt Ion:167 Resp: 578906

Ion Ratio Lower Upper

167 100

166 21.8 17.8 26.6

139 10.9 8.9 13.3



#74

Di-n-butylphthalate

Concen: 46.552 ng

RT: 18.558 min Scan# 2599

Delta R.T. -0.005 min

Lab File: BG056557.D

Acq: 6 Feb 2023 16:24

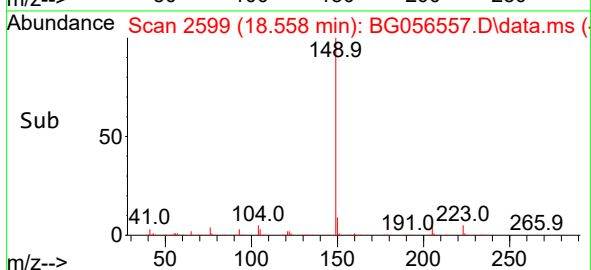
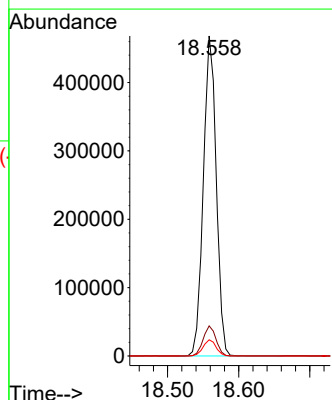
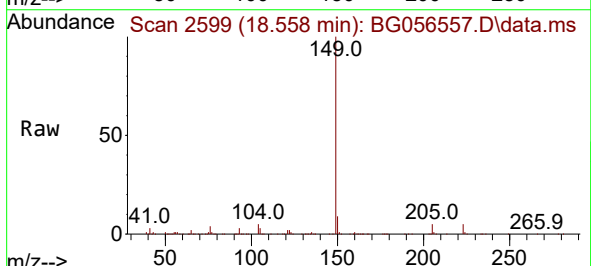
Tgt Ion:149 Resp: 591708

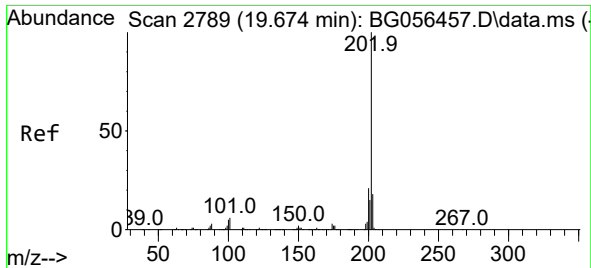
Ion Ratio Lower Upper

149 100

150 9.4 7.8 11.6

104 5.0 4.0 6.0

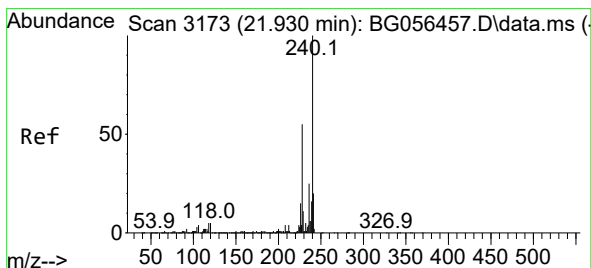
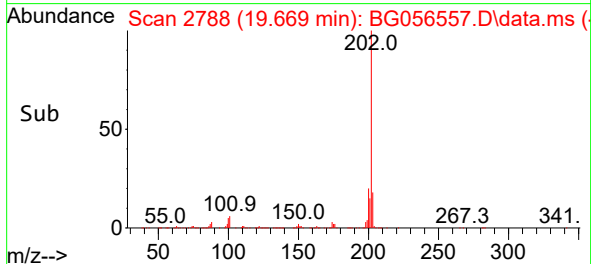
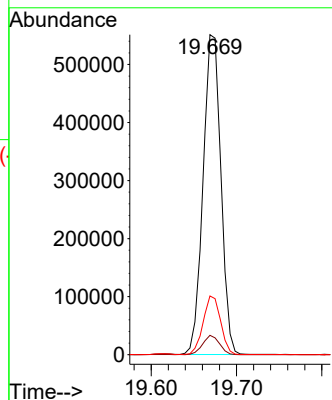
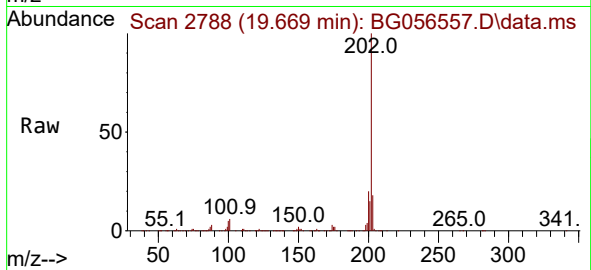




#75  
Fluoranthene  
Concen: 45.726 ng  
RT: 19.669 min Scan# 21  
Delta R.T. -0.005 min  
Lab File: BG056557.D  
Acq: 6 Feb 2023 16:24

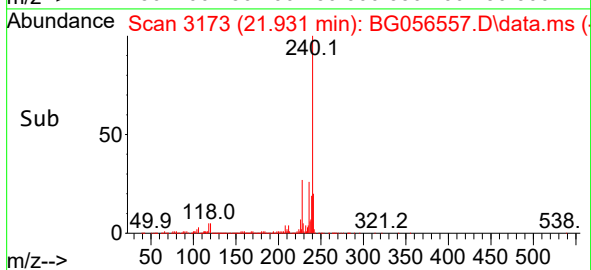
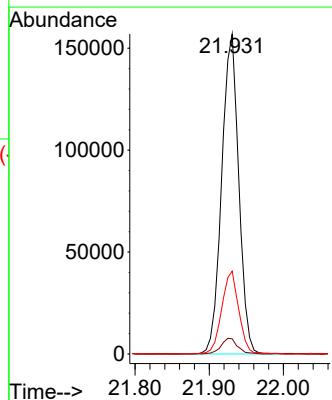
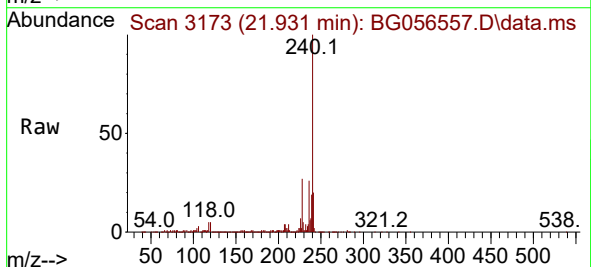
Instrument :  
BNA\_G  
ClientSampleId :  
B-01-SB02MSD

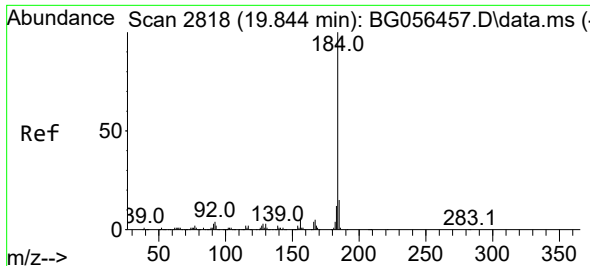
Tgt Ion:202 Resp: 799089  
Ion Ratio Lower Upper  
202 100  
101 6.0 0.0 25.6  
203 18.3 0.0 38.1



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.931 min Scan# 3173  
Delta R.T. 0.001 min  
Lab File: BG056557.D  
Acq: 6 Feb 2023 16:24

Tgt Ion:240 Resp: 250528  
Ion Ratio Lower Upper  
240 100  
120 4.7 3.8 5.8  
236 25.9 20.2 30.2

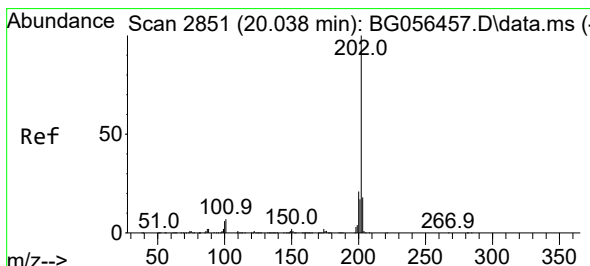
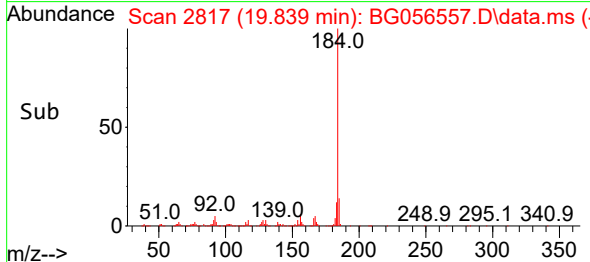
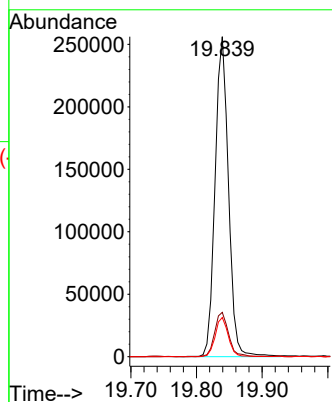
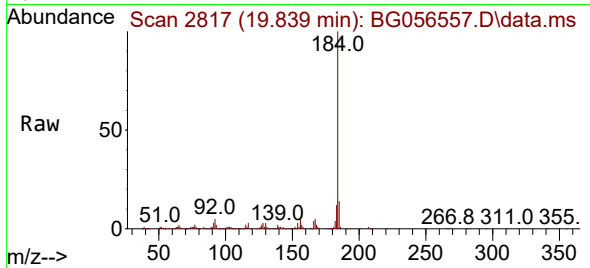




#77  
Benzidine  
Concen: 53.418 ng  
RT: 19.839 min Scan# 2817  
Delta R.T. 0.001 min  
Lab File: BG056557.D  
Acq: 6 Feb 2023 16:24

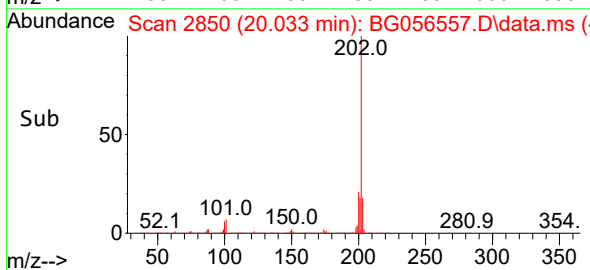
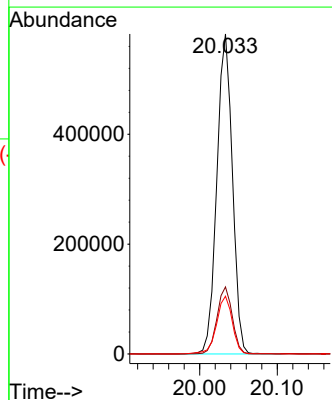
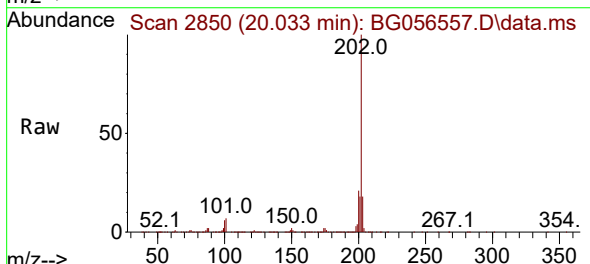
Instrument :  
BNA\_G  
ClientSampleId :  
B-01-SB02MSD

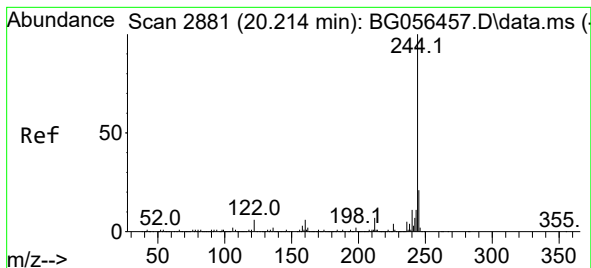
Tgt Ion:184 Resp: 362149  
Ion Ratio Lower Upper  
184 100  
185 13.8 12.3 18.5  
183 12.3 9.8 14.8



#78  
Pyrene  
Concen: 45.711 ng  
RT: 20.033 min Scan# 2850  
Delta R.T. 0.001 min  
Lab File: BG056557.D  
Acq: 6 Feb 2023 16:24

Tgt Ion:202 Resp: 814475  
Ion Ratio Lower Upper  
202 100  
200 20.9 16.7 25.1  
203 18.1 14.4 21.6





#79

Terphenyl-d14

Concen: 73.980 ng

RT: 20.209 min Scan# 2

Delta R.T. -0.005 min

Lab File: BG056557.D

Acq: 6 Feb 2023 16:24

Instrument :

BNA\_G

ClientSampleId :

B-01-SB02MSD

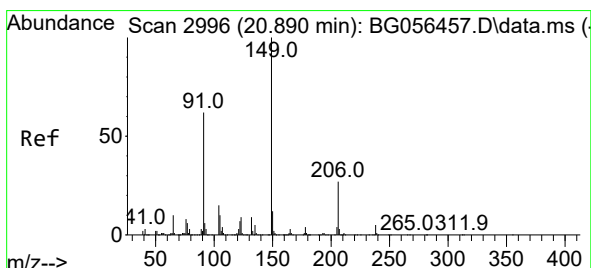
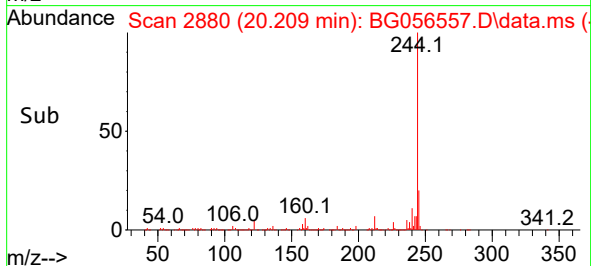
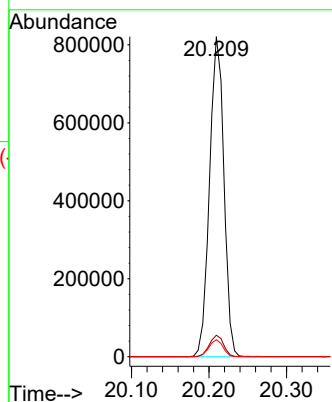
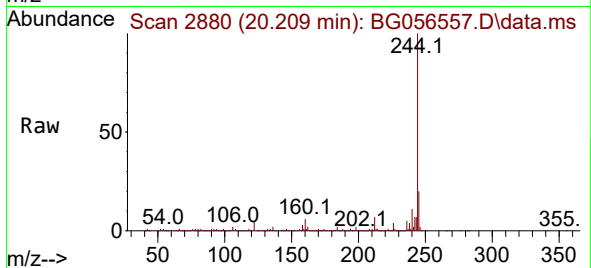
Tgt Ion:244 Resp: 1055247

Ion Ratio Lower Upper

244 100

212 6.7 5.5 8.3

122 5.3 4.4 6.6



#80

Butylbenzylphthalate

Concen: 44.972 ng

RT: 20.885 min Scan# 2995

Delta R.T. -0.005 min

Lab File: BG056557.D

Acq: 6 Feb 2023 16:24

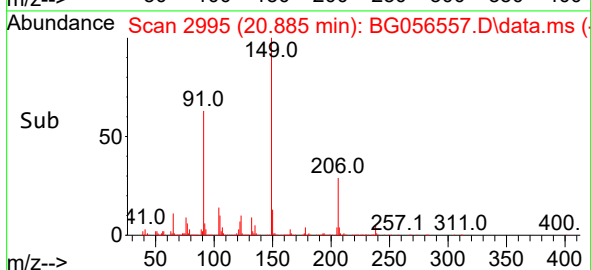
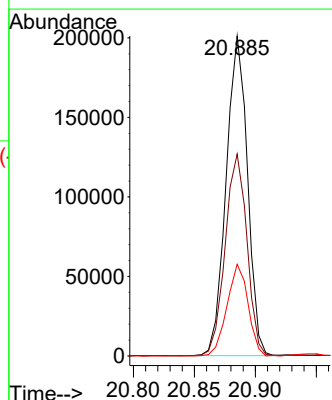
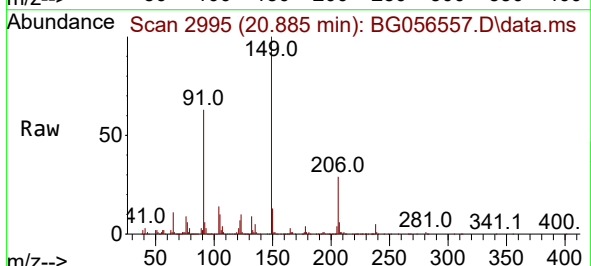
Tgt Ion:149 Resp: 244727

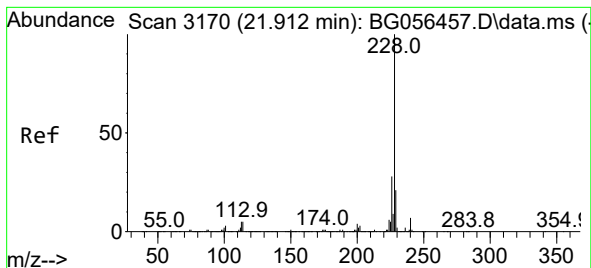
Ion Ratio Lower Upper

149 100

91 63.1 49.4 74.0

206 28.7 22.0 33.0





#81

Benzo(a)anthracene

Concen: 45.849 ng

RT: 21.907 min Scan# 3169

Delta R.T. -0.005 min

Lab File: BG056557.D

Acq: 6 Feb 2023 16:24

Instrument :

BNA\_G

ClientSampleId :

B-01-SB02MSD

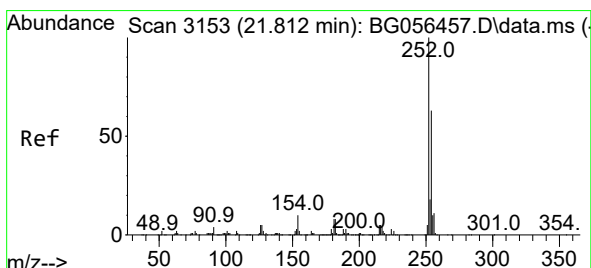
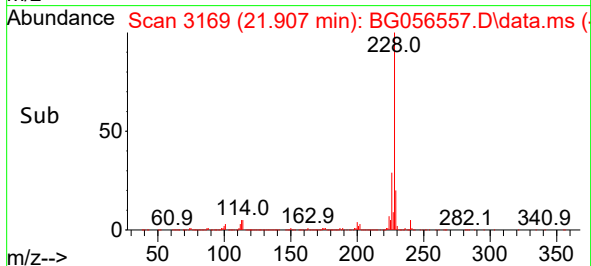
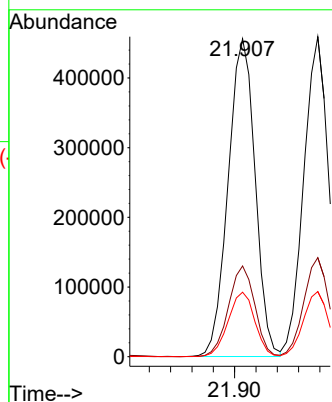
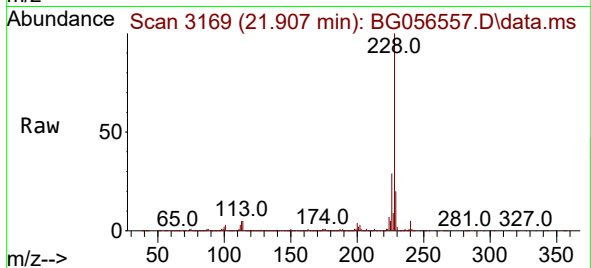
Tgt Ion:228 Resp: 803038

Ion Ratio Lower Upper

228 100

226 28.6 22.4 33.6

229 20.3 16.5 24.7



#82

3,3'-Dichlorobenzidine

Concen: 26.545 ng

RT: 21.808 min Scan# 3152

Delta R.T. -0.005 min

Lab File: BG056557.D

Acq: 6 Feb 2023 16:24

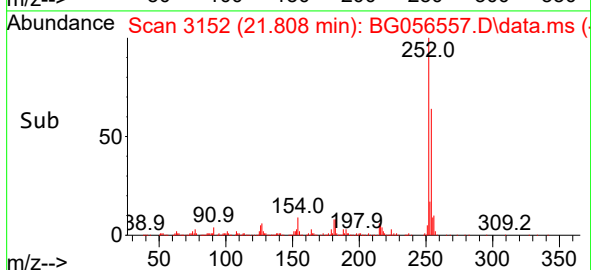
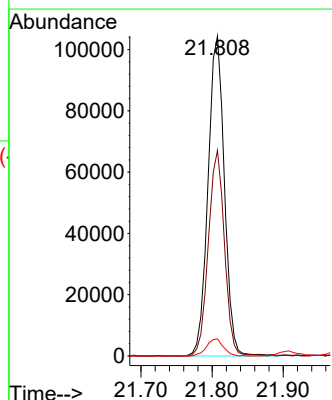
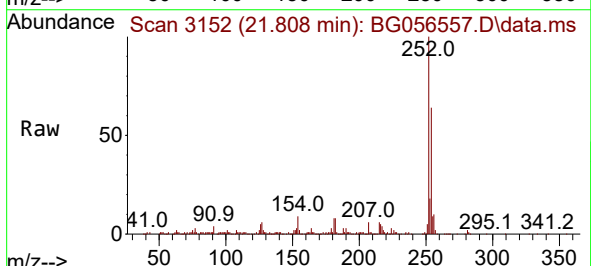
Tgt Ion:252 Resp: 167427

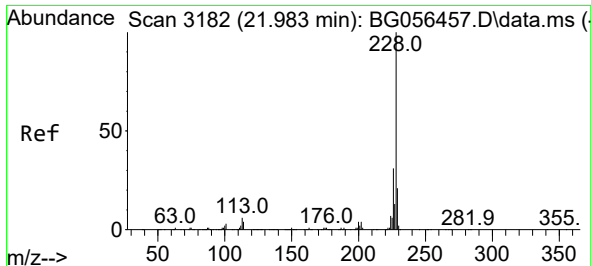
Ion Ratio Lower Upper

252 100

254 64.2 50.0 75.0

126 5.3 4.3 6.5

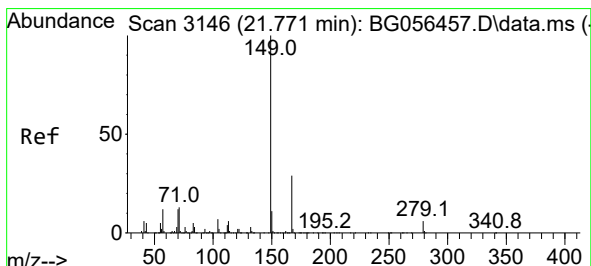
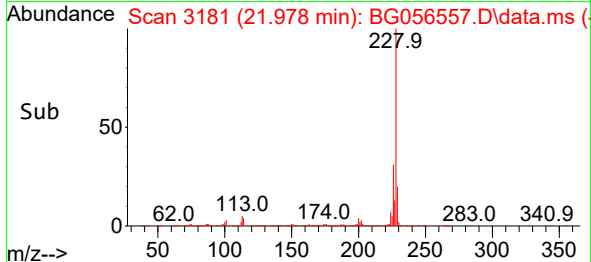
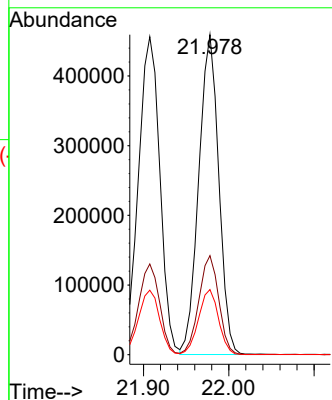
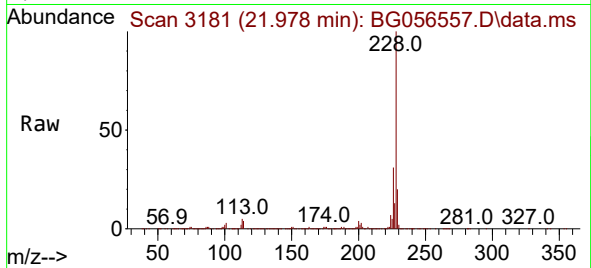




#83  
Chrysene  
Concen: 45.402 ng  
RT: 21.978 min Scan# 3182  
Delta R.T. -0.005 min  
Lab File: BG056557.D  
Acq: 6 Feb 2023 16:24

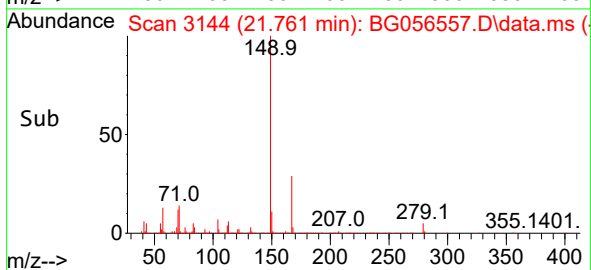
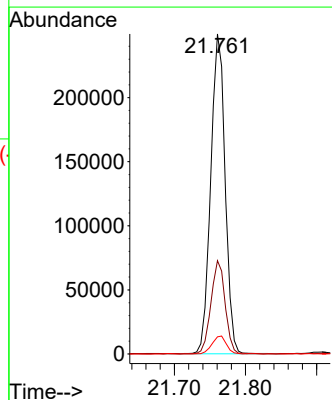
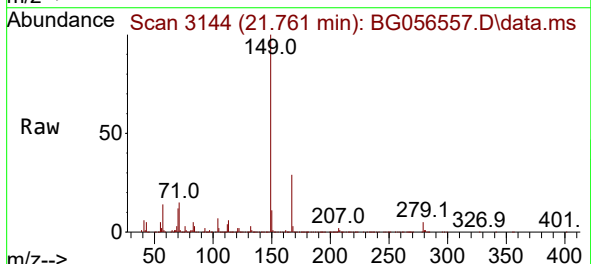
Instrument :  
BNA\_G  
ClientSampleId :  
B-01-SB02MSD

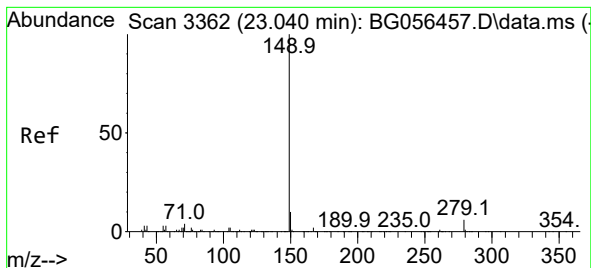
Tgt Ion:228 Resp: 747076  
Ion Ratio Lower Upper  
228 100  
226 30.9 25.0 37.4  
229 20.3 16.4 24.6



#84  
Bis(2-ethylhexyl)phthalate  
Concen: 44.943 ng  
RT: 21.761 min Scan# 3144  
Delta R.T. -0.005 min  
Lab File: BG056557.D  
Acq: 6 Feb 2023 16:24

Tgt Ion:149 Resp: 350642  
Ion Ratio Lower Upper  
149 100  
167 29.1 23.4 35.2  
279 5.3 4.4 6.6





#85

Di-n-octyl phthalate

Concen: 45.715 ng

RT: 23.030 min Scan# 31

Delta R.T. -0.005 min

Lab File: BG056557.D

Acq: 6 Feb 2023 16:24

Instrument :

BNA\_G

ClientSampleId :

B-01-SB02MSD

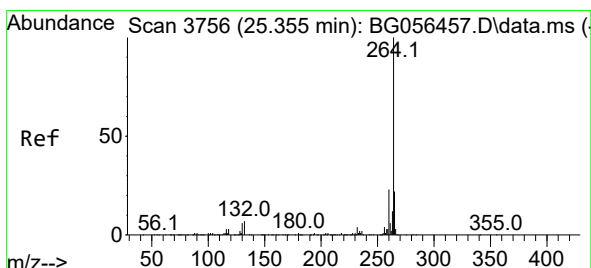
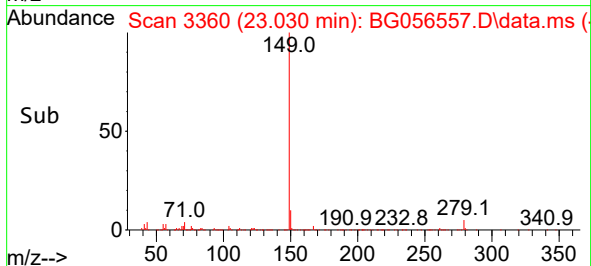
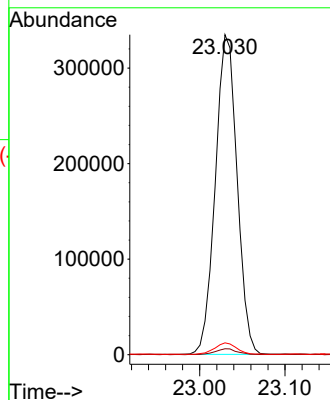
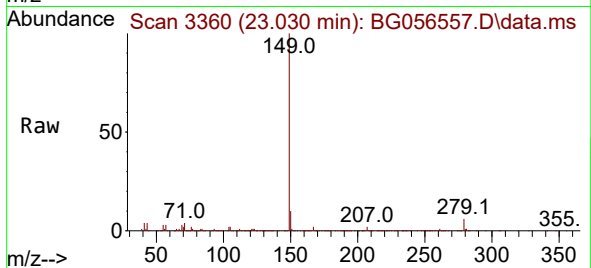
Tgt Ion:149 Resp: 593972

Ion Ratio Lower Upper

149 100

167 2.0 1.4 2.0

43 3.6 2.7 4.1



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.350 min Scan# 3755

Delta R.T. -0.010 min

Lab File: BG056557.D

Acq: 6 Feb 2023 16:24

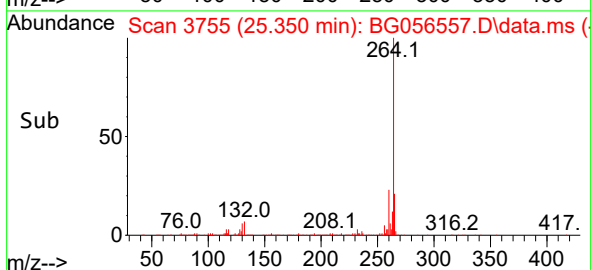
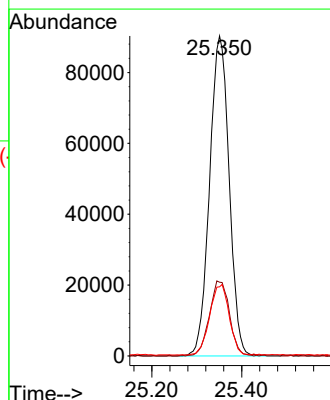
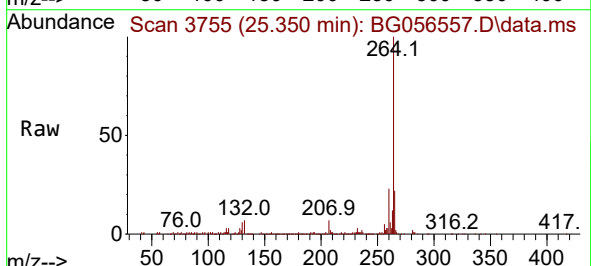
Tgt Ion:264 Resp: 272784

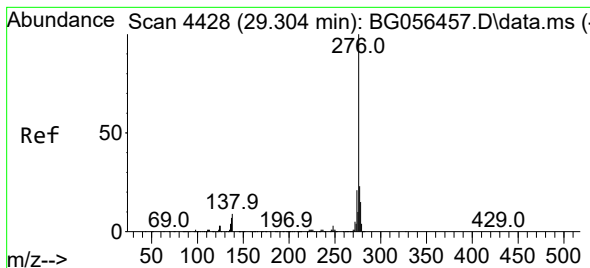
Ion Ratio Lower Upper

264 100

260 23.0 18.2 27.4

265 21.6 18.1 27.1





#87

Indeno(1,2,3-cd)pyrene

Concen: 47.373 ng

RT: 29.305 min Scan# 4428

Delta R.T. -0.016 min

Lab File: BG056557.D

Acq: 6 Feb 2023 16:24

Instrument :

BNA\_G

ClientSampleId :

B-01-SB02MSD

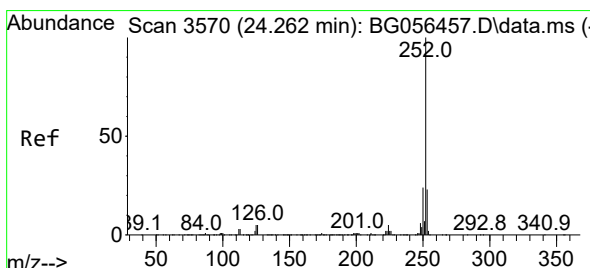
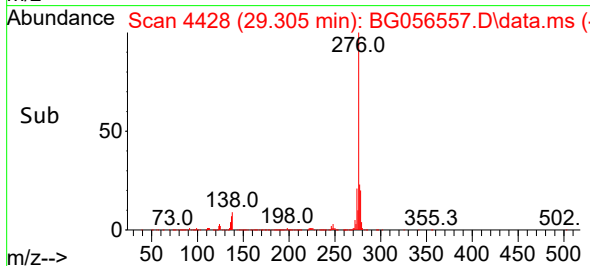
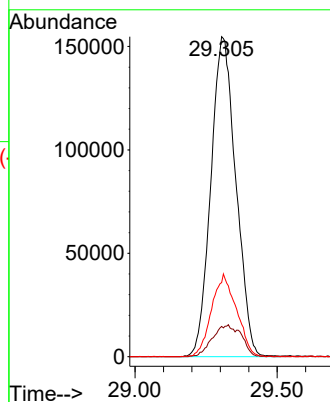
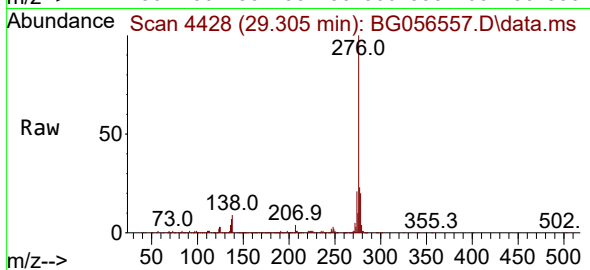
Tgt Ion:276 Resp: 945947

Ion Ratio Lower Upper

276 100

138 0.0 9.4 14.2#

277 25.7 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 48.744 ng

RT: 24.258 min Scan# 3569

Delta R.T. -0.005 min

Lab File: BG056557.D

Acq: 6 Feb 2023 16:24

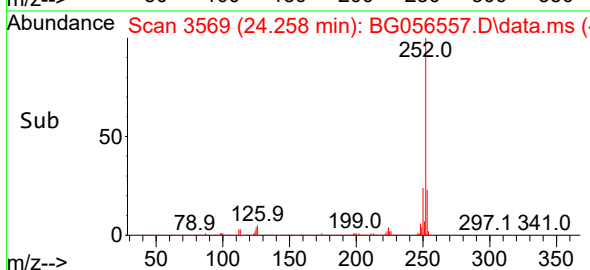
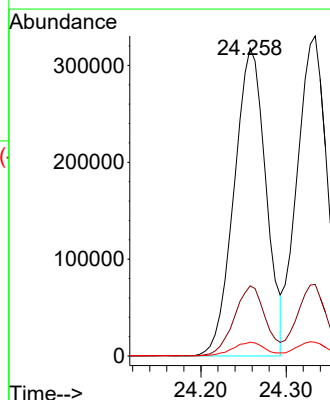
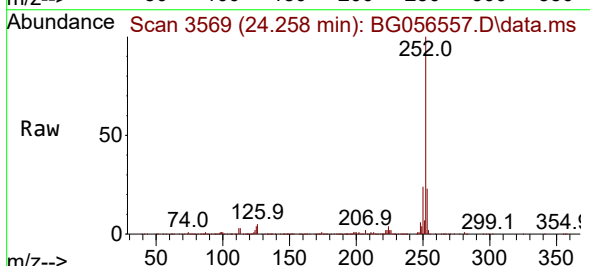
Tgt Ion:252 Resp: 825302

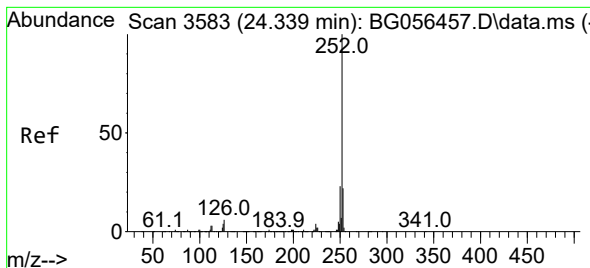
Ion Ratio Lower Upper

252 100

253 22.7 18.1 27.1

125 4.5 3.9 5.9





#89

Benzo(k)fluoranthene

Concen: 46.978 ng

RT: 24.334 min Scan# 3

Delta R.T. -0.005 min

Lab File: BG056557.D

Acq: 6 Feb 2023 16:24

Instrument :

BNA\_G

ClientSampleId :

B-01-SB02MSD

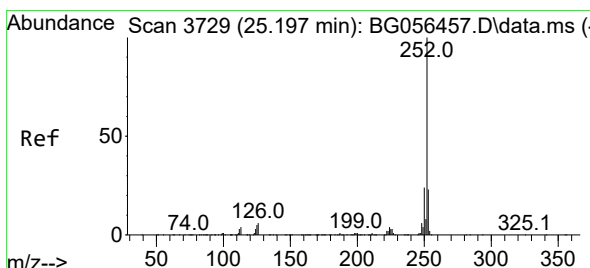
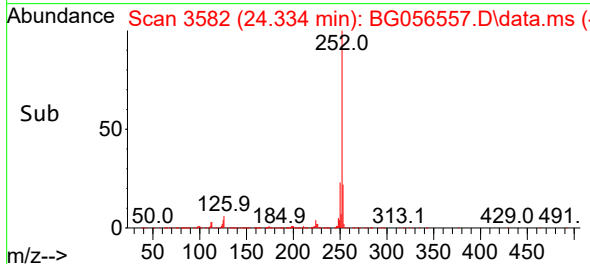
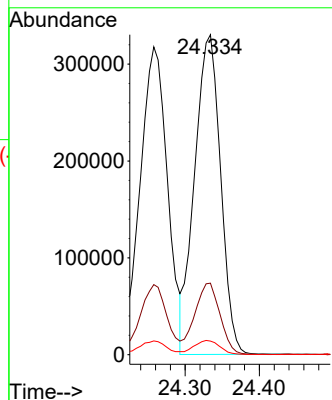
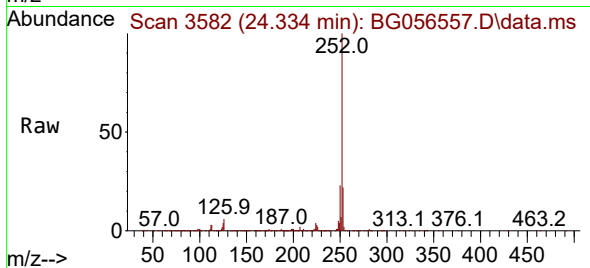
Tgt Ion:252 Resp: 803068

Ion Ratio Lower Upper

252 100

253 22.4 17.5 26.3

125 4.3 3.4 5.0



#90

Benzo(a)pyrene

Concen: 43.547 ng

RT: 25.192 min Scan# 3728

Delta R.T. -0.005 min

Lab File: BG056557.D

Acq: 6 Feb 2023 16:24

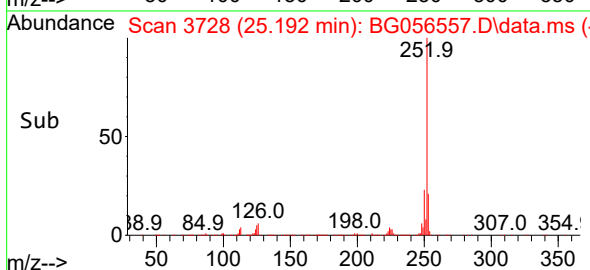
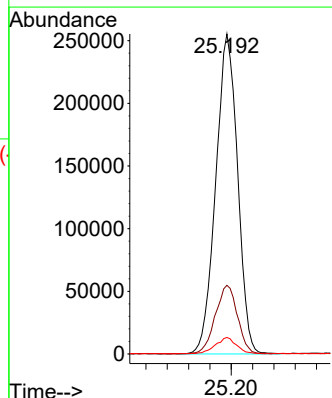
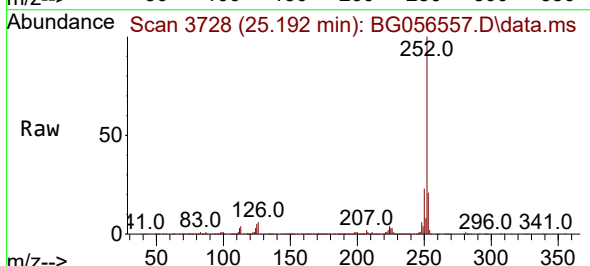
Tgt Ion:252 Resp: 726299

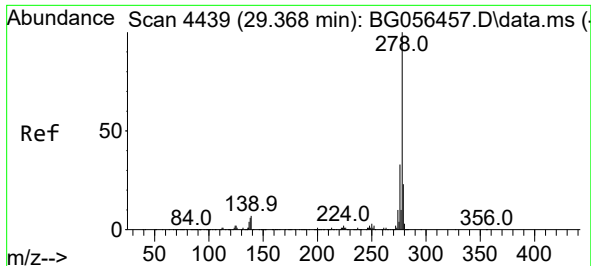
Ion Ratio Lower Upper

252 100

253 21.5 18.4 27.6

125 5.2 4.1 6.1

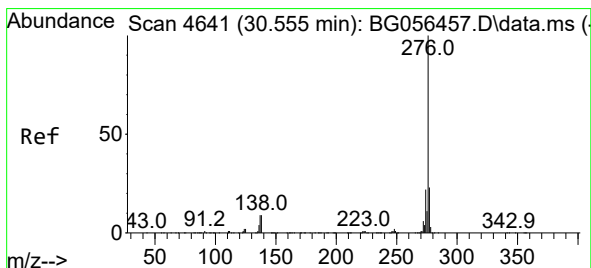
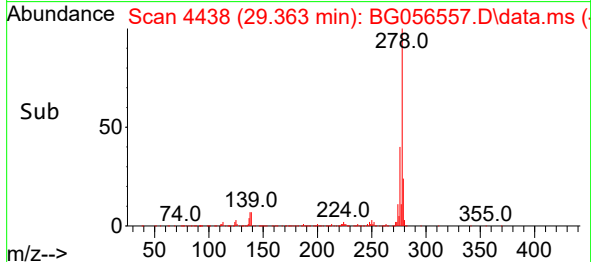
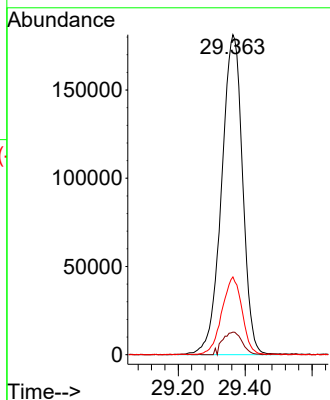
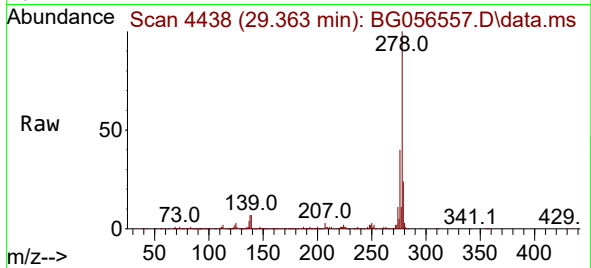




#91  
Dibenzo(a,h)anthracene  
Concen: 47.174 ng  
RT: 29.363 min Scan# 4438  
Delta R.T. -0.011 min  
Lab File: BG056557.D  
Acq: 6 Feb 2023 16:24

Instrument :  
BNA\_G  
ClientSampleId :  
B-01-SB02MSD

Tgt Ion:278 Resp: 790688  
Ion Ratio Lower Upper  
278 100  
139 7.0 5.5 8.3  
279 24.3 18.8 28.2



#92  
Benzo(g,h,i)perylene  
Concen: 47.003 ng  
RT: 30.550 min Scan# 4640  
Delta R.T. -0.016 min  
Lab File: BG056557.D  
Acq: 6 Feb 2023 16:24

Tgt Ion:276 Resp: 760174  
Ion Ratio Lower Upper  
276 100  
277 24.0 18.5 27.7  
138 9.7 7.4 11.0

