

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG061923\  
 Data File : BG057765.D  
 Acq On : 19 Jun 2023 21:47  
 Operator : CG/JU  
 Sample : PB153322BS  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB153322BS

Quant Time: Jun 20 04:03:48 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG061923.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jun 20 03:40:38 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.929  | 152  | 32572    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.732 | 136  | 147041   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.562 | 164  | 107571   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.306 | 188  | 254445   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 21.560 | 240  | 213078   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 24.704 | 264  | 268481   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.503  | 112  | 333444   | 157.847 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.089  | 99   | 468809   | 145.445 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.092  | 82   | 268842   | 93.837  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.049 | 330  | 202104   | 134.875 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.188 | 172  | 621506   | 87.632  | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.921 | 244  | 1060296  | 92.788  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.405  | 88   | 44342    | 46.113  | ng    | 97       |
| 3) Pyridine                   | 3.793  | 79   | 105853   | 36.143  | ng    | 98       |
| 4) n-Nitrosodimethylamine     | 3.716  | 42   | 62180    | 46.465  | ng    | 96       |
| 6) Aniline                    | 7.253  | 93   | 178764   | 43.314  | ng    | 99       |
| 8) 2-Chlorophenol             | 7.494  | 128  | 116540   | 53.626  | ng    | 99       |
| 9) Benzaldehyde               | 7.065  | 77   | 57876    | 28.556  | ng    | 98       |
| 10) Phenol                    | 7.118  | 94   | 170743   | 53.800  | ng    | 97       |
| 11) bis(2-Chloroethyl)ether   | 7.347  | 93   | 113445   | 46.493  | ng    | 97       |
| 12) 1,3-Dichlorobenzene       | 7.817  | 146  | 111424   | 50.381  | ng    | 96       |
| 13) 1,4-Dichlorobenzene       | 7.964  | 146  | 111191   | 49.618  | ng    | 95       |
| 14) 1,2-Dichlorobenzene       | 8.282  | 146  | 109806   | 50.640  | ng    | 96       |
| 15) Benzyl Alcohol            | 8.164  | 79   | 121150   | 49.155  | ng    | 97       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.458  | 45   | 221350   | 47.223  | ng    | 99       |
| 17) 2-Methylphenol            | 8.364  | 107  | 116613   | 49.958  | ng    | 96       |
| 18) Hexachloroethane          | 9.010  | 117  | 40128    | 50.783  | ng    | 98       |
| 19) n-Nitroso-di-n-propyla... | 8.734  | 70   | 100894   | 44.898  | ng    | 99       |
| 20) 3+4-Methylphenols         | 8.693  | 107  | 159437   | 49.449  | ng    | 98       |
| 22) Acetophenone              | 8.752  | 105  | 192086   | 46.585  | ng    | # 98     |
| 24) Nitrobenzene              | 9.134  | 77   | 140247   | 47.035  | ng    | 97       |
| 25) Isophorone                | 9.651  | 82   | 286634   | 43.791  | ng    | 100      |
| 26) 2-Nitrophenol             | 9.839  | 139  | 54969    | 57.946  | ng    | 95       |
| 27) 2,4-Dimethylphenol        | 9.897  | 122  | 122856   | 52.310  | ng    | 98       |
| 28) bis(2-Chloroethoxy)met... | 10.138 | 93   | 167691   | 47.573  | ng    | 98       |
| 29) 2,4-Dichlorophenol        | 10.373 | 162  | 116786   | 52.363  | ng    | 98       |
| 30) 1,2,4-Trichlorobenzene    | 10.591 | 180  | 119402   | 48.029  | ng    | 98       |
| 31) Naphthalene               | 10.785 | 128  | 359195   | 45.898  | ng    | 99       |
| 32) Benzoic acid              | 10.038 | 122  | 87217    | 50.438  | ng    | 99       |
| 33) 4-Chloroaniline           | 10.884 | 127  | 133288   | 36.758  | ng    | 99       |
| 34) Hexachlorobutadiene       | 11.067 | 225  | 71948    | 47.437  | ng    | 99       |
| 35) Caprolactam               | 11.713 | 113  | 21618    | 23.887  | ng    | 98       |
| 36) 4-Chloro-3-methylphenol   | 12.007 | 107  | 146598   | 50.329  | ng    | 99       |
| 37) 2-Methylnaphthalene       | 12.389 | 142  | 251687   | 44.122  | ng    | 98       |
| 38) 1-Methylnaphthalene       | 12.606 | 142  | 239539   | 44.485  | ng    | 98       |
| 40) 1,2,4,5-Tetrachloroben... | 12.753 | 216  | 136104   | 45.639  | ng    | 98       |
| 41) Hexachlorocyclopentadiene | 12.735 | 237  | 178537   | 112.767 | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 12.988 | 196  | 106904   | 50.065  | ng    | 100      |

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 ALS Vial : 14 Sample Multiplier: 1

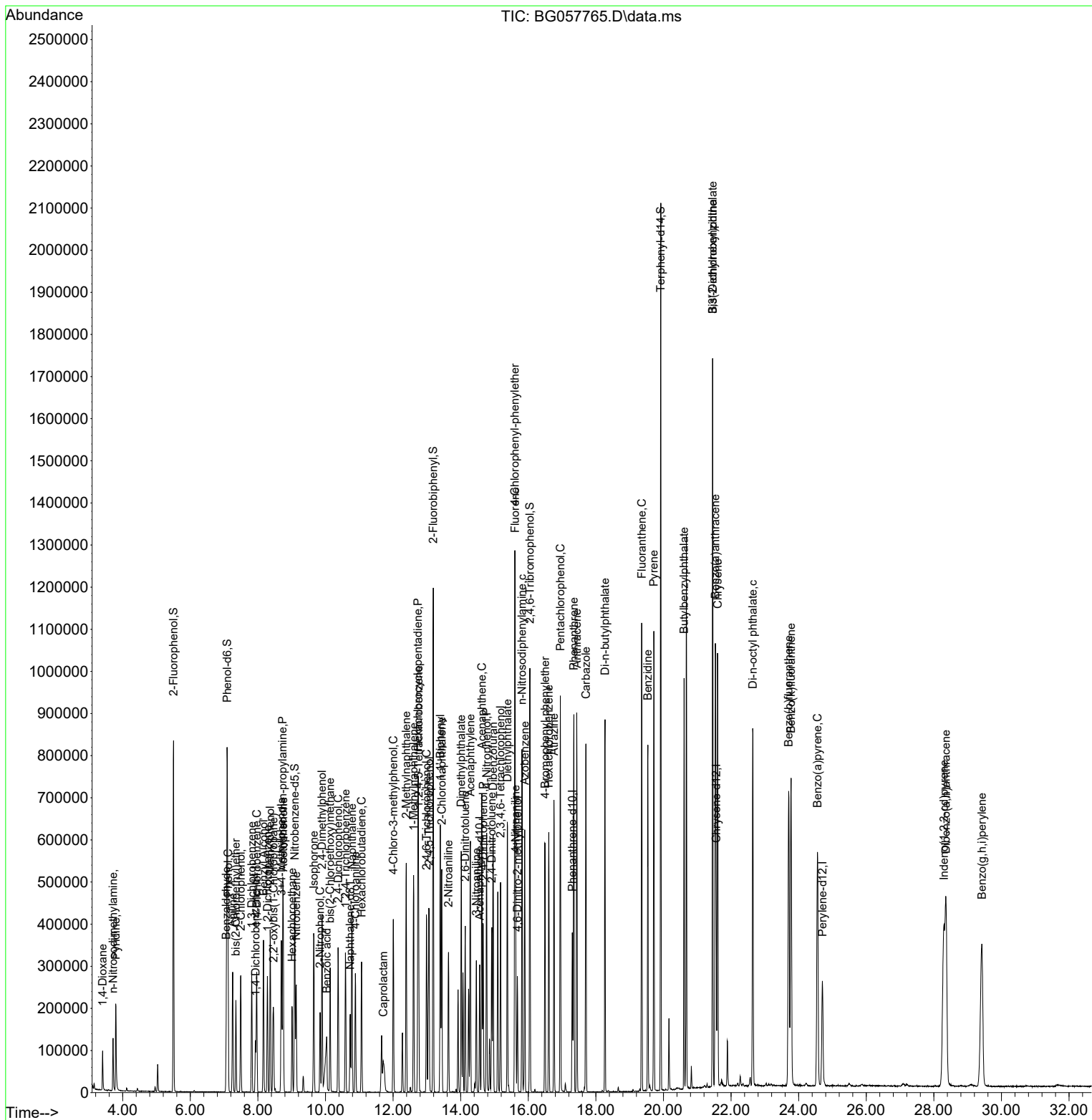
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB153322BS

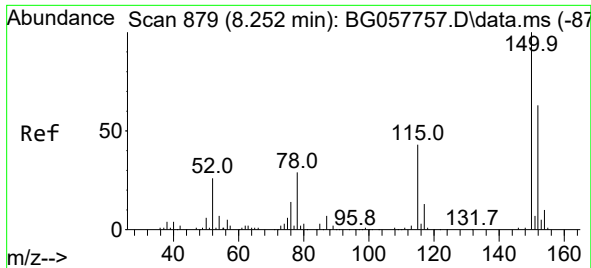
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jun 20 03:40:38 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 13.064 | 196  | 116813   | 46.931  | ng    | 96       |
| 46) 1,1'-Biphenyl             | 13.399 | 154  | 338847   | 45.876  | ng    | 99       |
| 47) 2-Chloronaphthalene       | 13.440 | 162  | 262176   | 46.203  | ng    | 99       |
| 48) 2-Nitroaniline            | 13.640 | 65   | 102210   | 50.687  | ng    | 98       |
| 49) Acenaphthylene            | 14.286 | 152  | 434316   | 44.592  | ng    | 99       |
| 50) Dimethylphthalate         | 14.016 | 163  | 363259   | 43.967  | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 14.134 | 165  | 77382    | 50.861  | ng    | 95       |
| 52) Acenaphthene              | 14.627 | 154  | 256427   | 42.528  | ng    | 98       |
| 53) 3-Nitroaniline            | 14.463 | 138  | 69019    | 40.254  | ng    | 96       |
| 54) 2,4-Dinitrophenol         | 14.668 | 184  | 79432    | 96.882  | ng    | 95       |
| 55) Dibenzofuran              | 14.962 | 168  | 426031   | 43.943  | ng    | 99       |
| 56) 4-Nitrophenol             | 14.768 | 139  | 141364   | 103.745 | ng    | 98       |
| 57) 2,4-Dinitrotoluene        | 14.921 | 165  | 107797   | 52.247  | ng    | 98       |
| 58) Fluorene                  | 15.608 | 166  | 337772   | 44.012  | ng    | 98       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.179 | 232  | 103113   | 48.611  | ng    | 99       |
| 60) Diethylphthalate          | 15.385 | 149  | 373224   | 44.032  | ng    | 97       |
| 61) 4-Chlorophenyl-phenyle... | 15.602 | 204  | 179332   | 43.947  | ng    | 99       |
| 62) 4-Nitroaniline            | 15.626 | 138  | 79342    | 45.391  | ng    | 96       |
| 63) Azobenzene                | 15.896 | 77   | 376815   | 43.460  | ng    | 99       |
| 65) 4,6-Dinitro-2-methylph... | 15.679 | 198  | 55607    | 47.620  | ng    | 98       |
| 66) n-Nitrosodiphenylamine    | 15.814 | 169  | 301211   | 44.853  | ng    | 98       |
| 67) 4-Bromophenyl-phenylether | 16.496 | 248  | 120839   | 44.781  | ng    | 97       |
| 68) Hexachlorobenzene         | 16.607 | 284  | 133390   | 48.489  | ng    | 98       |
| 69) Atrazine                  | 16.760 | 200  | 122694   | 53.223  | ng    | 96       |
| 70) Pentachlorophenol         | 16.948 | 266  | 177915   | 87.543  | ng    | 99       |
| 71) Phenanthrene              | 17.347 | 178  | 558036   | 45.296  | ng    | 99       |
| 72) Anthracene                | 17.436 | 178  | 564179   | 44.847  | ng    | 99       |
| 73) Carbazole                 | 17.706 | 167  | 534382   | 46.071  | ng    | 99       |
| 74) Di-n-butylphthalate       | 18.270 | 149  | 638641   | 46.500  | ng    | 100      |
| 75) Fluoranthene              | 19.357 | 202  | 666749   | 45.430  | ng    | 99       |
| 77) Benzidine                 | 19.539 | 184  | 462200   | 92.537  | ng    | 99       |
| 78) Pyrene                    | 19.715 | 202  | 679938   | 44.733  | ng    | 100      |
| 80) Butylbenzylphthalate      | 20.608 | 149  | 276388   | 47.800  | ng    | 98       |
| 81) Benzo(a)anthracene        | 21.537 | 228  | 676778   | 46.294  | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine    | 21.454 | 252  | 223140   | 44.877  | ng    | 99       |
| 83) Chrysene                  | 21.601 | 228  | 628406   | 44.791  | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 21.454 | 149  | 391557   | 46.641  | ng    | 100      |
| 85) Di-n-octyl phthalate      | 22.647 | 149  | 725608   | 49.278  | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 28.299 | 276  | 842806   | 48.013  | ng    | 99       |
| 88) Benzo(b)fluoranthene      | 23.705 | 252  | 722001   | 49.074  | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 23.775 | 252  | 698993   | 46.649  | ng    | 99       |
| 90) Benzo(a)pyrene            | 24.557 | 252  | 636747   | 44.068  | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 28.358 | 278  | 700115   | 48.070  | ng    | 99       |
| 92) Benzo(g,h,i)perylene      | 29.422 | 276  | 689518   | 47.281  | ng    | 98       |

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

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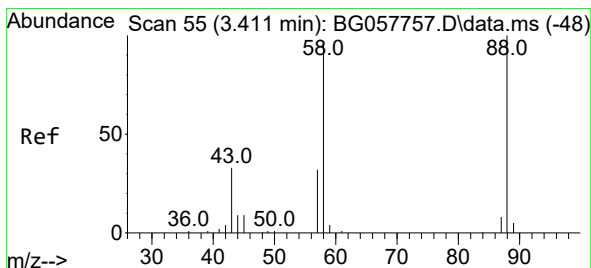
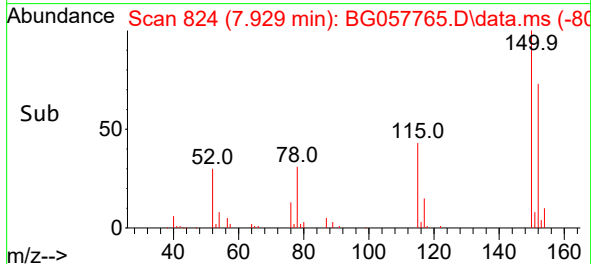
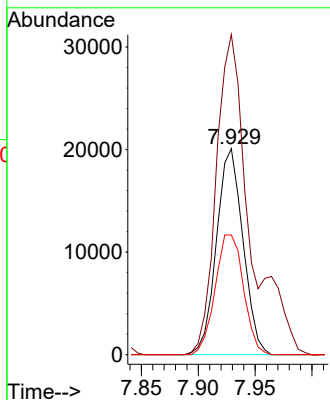
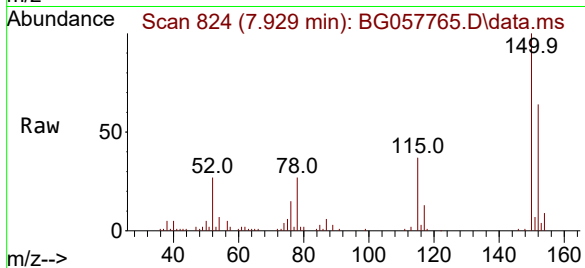




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 7.929 min Scan# 81  
 Delta R.T. 0.000 min  
 Lab File: BG057765.D  
 Acq: 19 Jun 2023 21:47

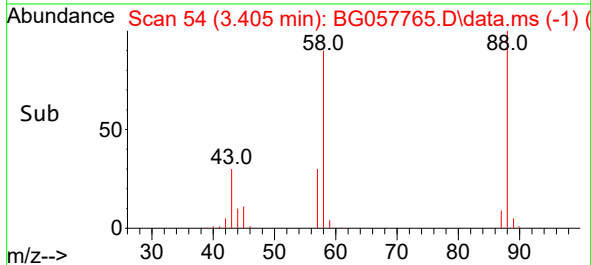
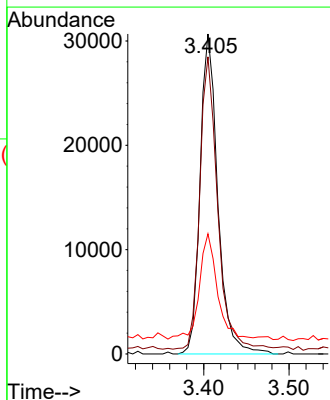
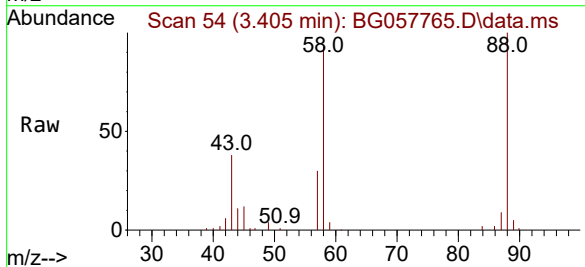
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 PB153322BS

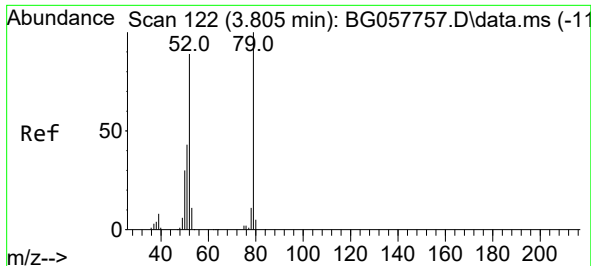
Tgt Ion:152 Resp: 32572  
 Ion Ratio Lower Upper  
 152 100  
 150 155.2 126.6 189.8  
 115 58.1 48.9 73.3



#2  
 1,4-Dioxane  
 Concen: 46.113 ng  
 RT: 3.405 min Scan# 54  
 Delta R.T. -0.006 min  
 Lab File: BG057765.D  
 Acq: 19 Jun 2023 21:47

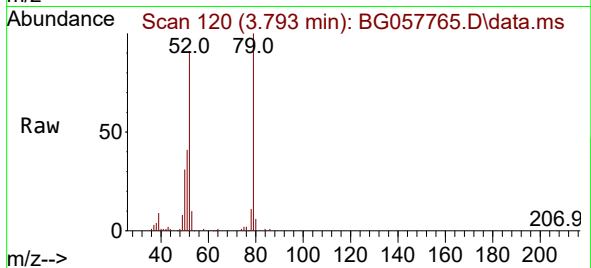
Tgt Ion: 88 Resp: 44342  
 Ion Ratio Lower Upper  
 88 100  
 58 91.4 76.2 114.4  
 43 33.2 26.3 39.5



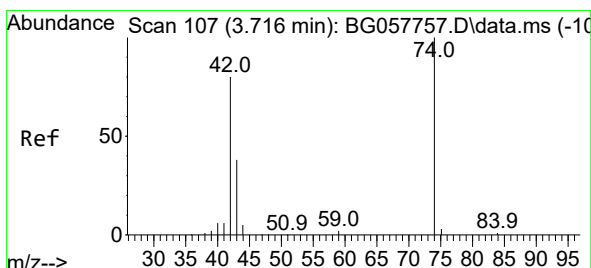
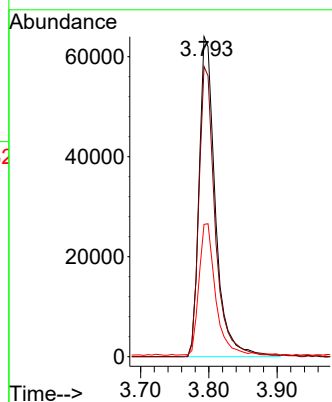
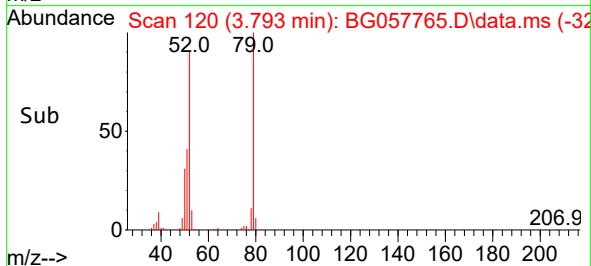


#3  
Pyridine  
Concen: 36.143 ng  
RT: 3.793 min Scan# 11  
Delta R.T. -0.012 min  
Lab File: BG057765.D  
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Instrument :  
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ClientSampleId :  
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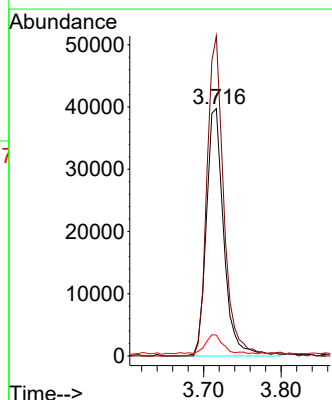
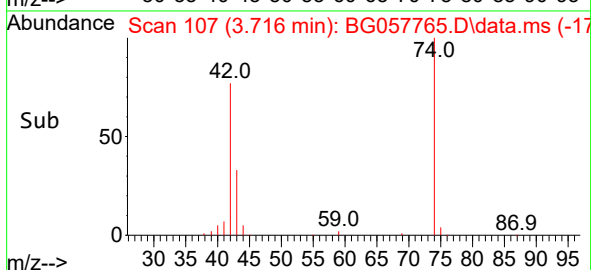
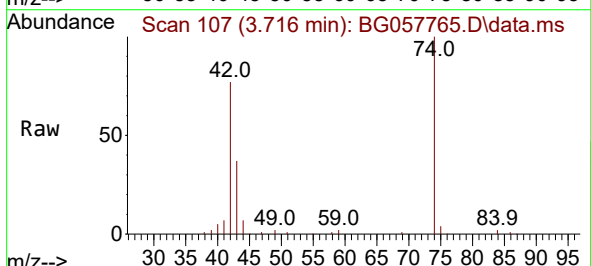


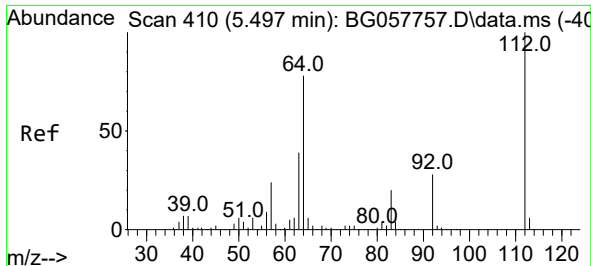
Tgt Ion: 79 Resp: 105853  
Ion Ratio Lower Upper  
79 100  
52 90.6 71.4 107.0  
51 41.3 34.9 52.3



#4  
n-Nitrosodimethylamine  
Concen: 46.465 ng  
RT: 3.716 min Scan# 107  
Delta R.T. -0.000 min  
Lab File: BG057765.D  
Acq: 19 Jun 2023 21:47

Tgt Ion: 42 Resp: 62180  
Ion Ratio Lower Upper  
42 100  
74 129.4 99.9 149.9  
44 8.4 6.0 9.0

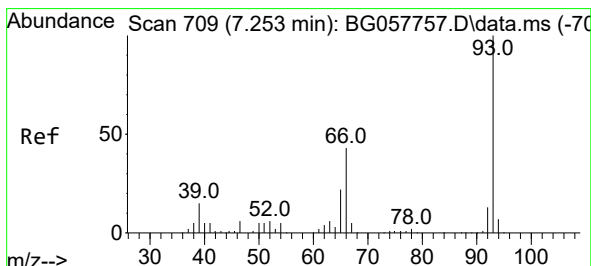
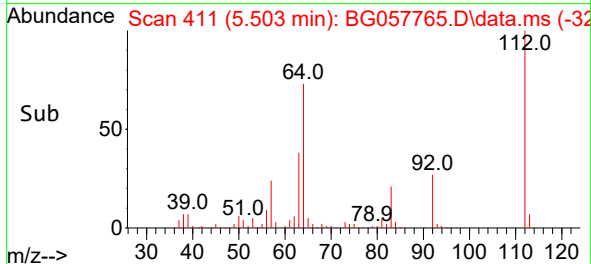
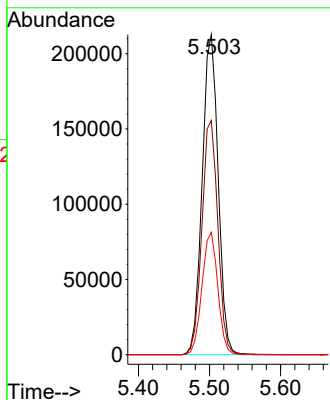
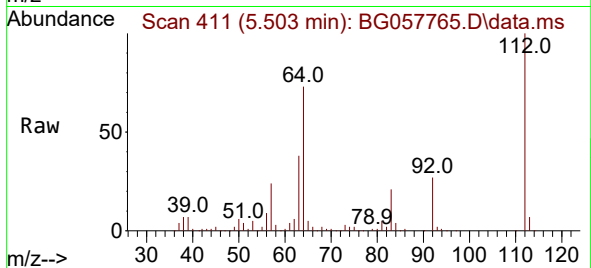




#5  
2-Fluorophenol  
Concen: 157.847 ng  
RT: 5.503 min Scan# 411  
Delta R.T. 0.006 min  
Lab File: BG057765.D  
Acq: 19 Jun 2023 21:47

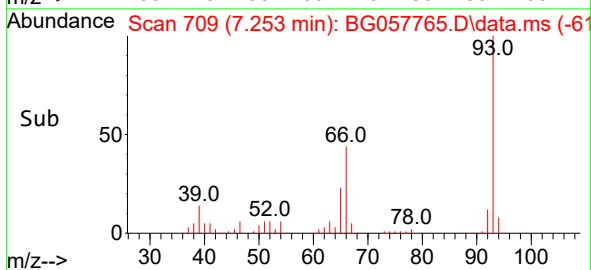
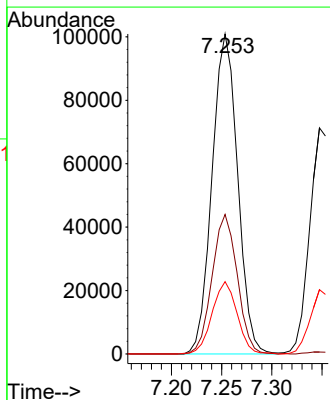
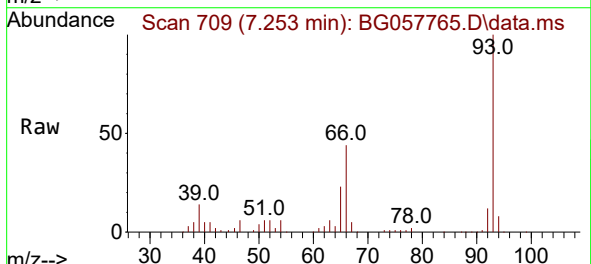
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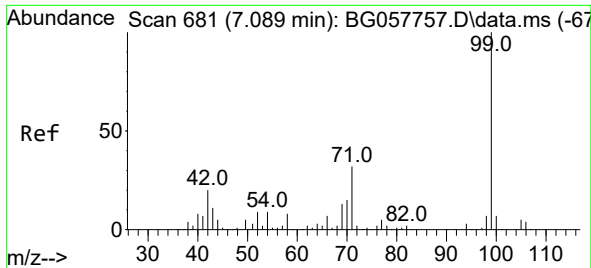
Tgt Ion:112 Resp: 333444  
Ion Ratio Lower Upper  
112 100  
64 73.2 62.1 93.1  
63 38.2 31.5 47.3



#6  
Aniline  
Concen: 43.314 ng  
RT: 7.253 min Scan# 709  
Delta R.T. -0.000 min  
Lab File: BG057765.D  
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Tgt Ion: 93 Resp: 178764  
Ion Ratio Lower Upper  
93 100  
66 43.6 34.5 51.7  
65 22.6 17.4 26.2

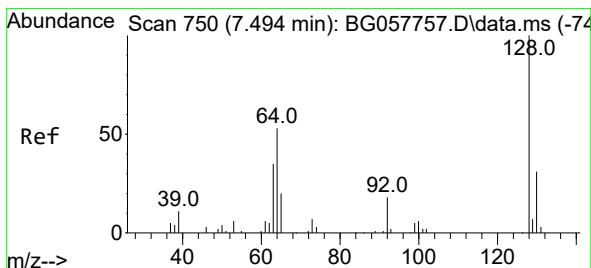
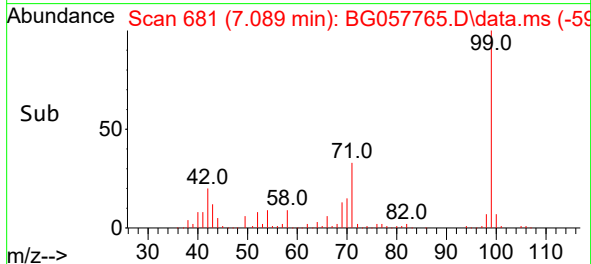
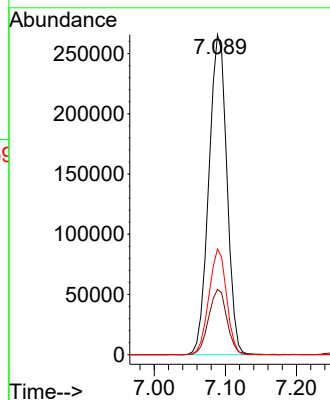
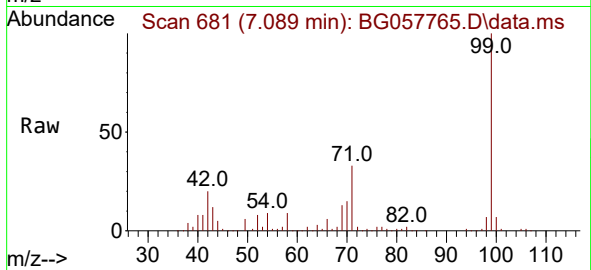




#7  
Phenol-d6  
Concen: 145.445 ng  
RT: 7.089 min Scan# 681  
Delta R.T. -0.000 min  
Lab File: BG057765.D  
Acq: 19 Jun 2023 21:47

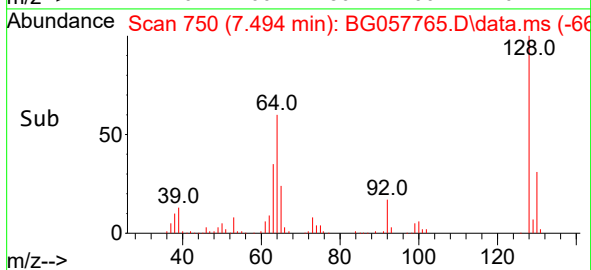
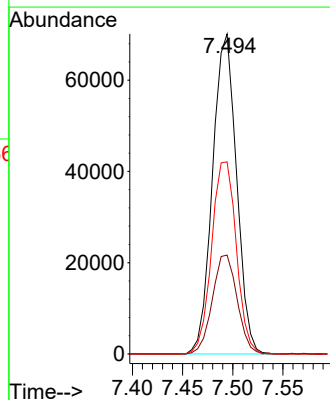
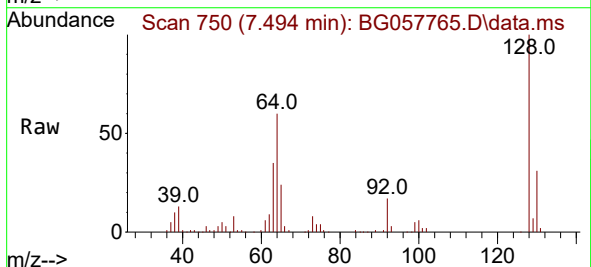
Instrument :  
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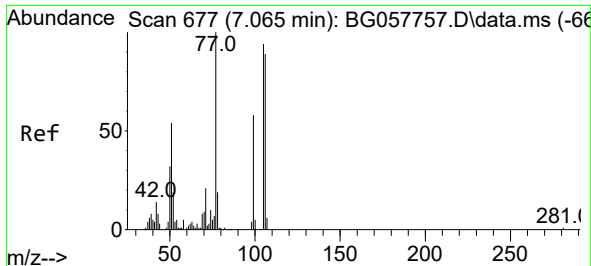
Tgt Ion: 99 Resp: 468809  
Ion Ratio Lower Upper  
99 100  
42 20.4 16.4 24.6  
71 33.1 25.8 38.6



#8  
2-Chlorophenol  
Concen: 53.626 ng  
RT: 7.494 min Scan# 750  
Delta R.T. -0.000 min  
Lab File: BG057765.D  
Acq: 19 Jun 2023 21:47

Tgt Ion: 128 Resp: 116540  
Ion Ratio Lower Upper  
128 100  
130 30.9 10.6 50.6  
64 60.1 39.1 79.1

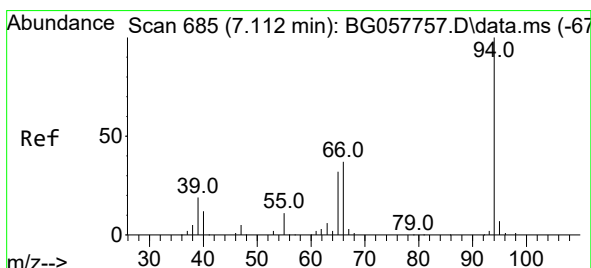
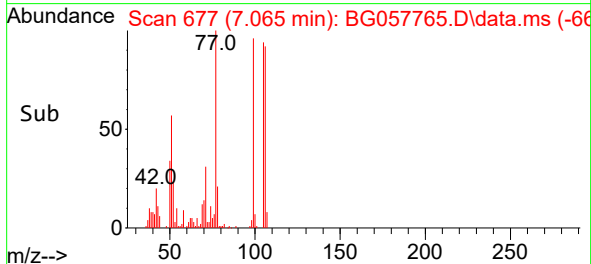
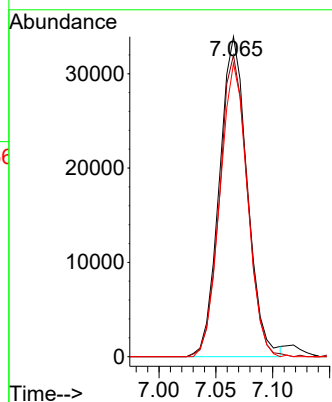
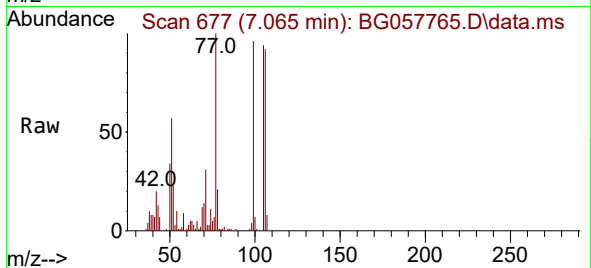




#9  
Benzaldehyde  
Concen: 28.556 ng  
RT: 7.065 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: BG057765.D  
Acq: 19 Jun 2023 21:47

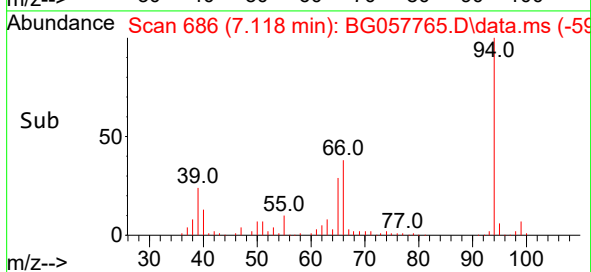
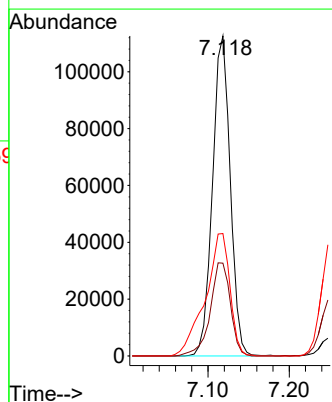
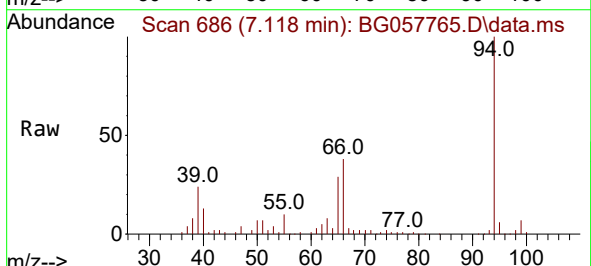
Instrument :  
BNA\_G  
ClientSampleId :  
PB153322BS

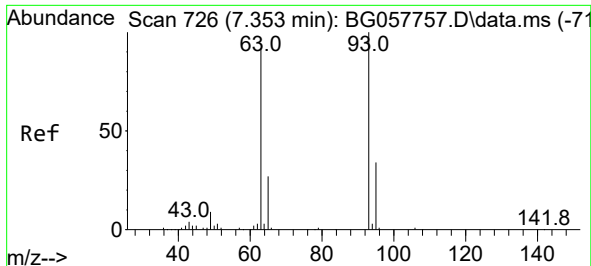
Tgt Ion: 77 Resp: 57876  
Ion Ratio Lower Upper  
77 100  
105 94.2 73.7 113.7  
106 91.7 69.0 109.0



#10  
Phenol  
Concen: 53.800 ng  
RT: 7.118 min Scan# 686  
Delta R.T. 0.006 min  
Lab File: BG057765.D  
Acq: 19 Jun 2023 21:47

Tgt Ion: 94 Resp: 170743  
Ion Ratio Lower Upper  
94 100  
65 29.0 12.2 52.2  
66 38.3 18.3 58.3

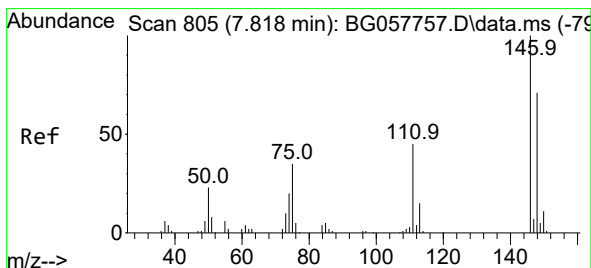
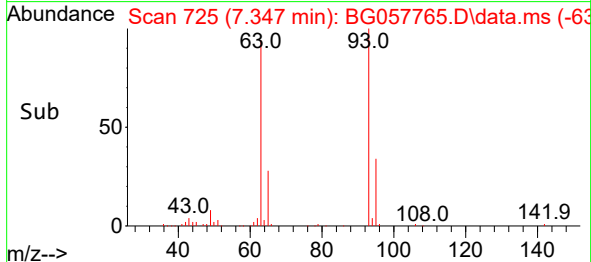
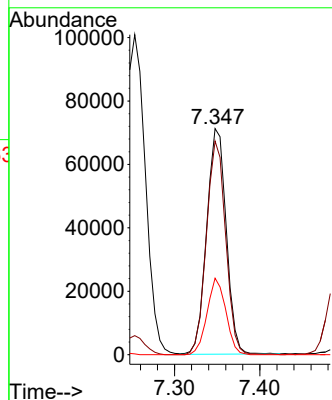
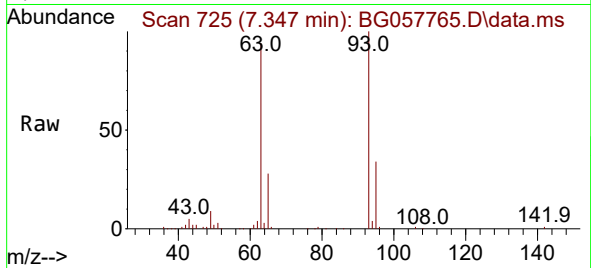




#11  
bis(2-Chloroethyl)ether  
Concen: 46.493 ng  
RT: 7.347 min Scan# 726  
Delta R.T. -0.006 min  
Lab File: BG057765.D  
Acq: 19 Jun 2023 21:47

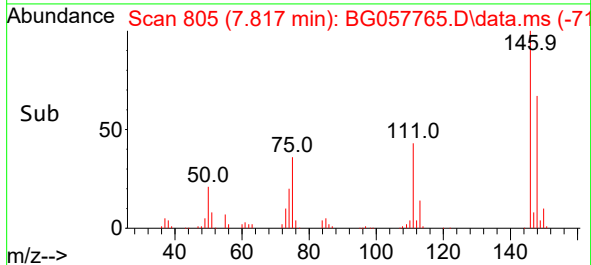
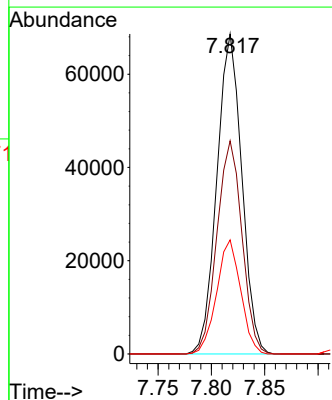
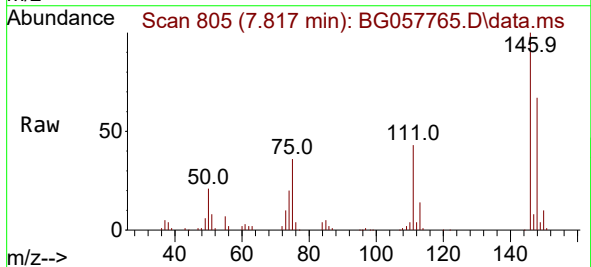
Instrument :  
BNA\_G  
ClientSampleId :  
PB153322BS

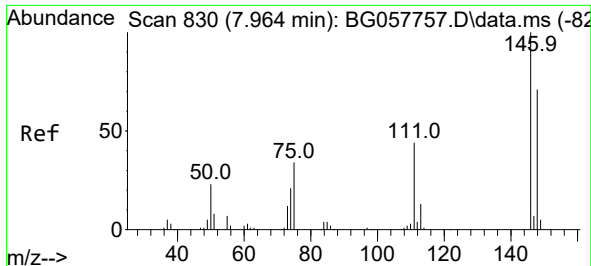
Tgt Ion: 93 Resp: 113445  
Ion Ratio Lower Upper  
93 100  
63 94.4 71.2 111.2  
95 33.8 14.2 54.2



#12  
1,3-Dichlorobenzene  
Concen: 50.381 ng  
RT: 7.817 min Scan# 805  
Delta R.T. -0.000 min  
Lab File: BG057765.D  
Acq: 19 Jun 2023 21:47

Tgt Ion:146 Resp: 111424  
Ion Ratio Lower Upper  
146 100  
148 66.6 57.0 85.6  
75 35.6 27.8 41.8





#13

1,4-Dichlorobenzene

Concen: 49.618 ng

RT: 7.964 min Scan# 811

Delta R.T. -0.000 min

Lab File: BG057765.D

Acq: 19 Jun 2023 21:47

Instrument :

BNA\_G

ClientSampleId :

PB153322BS

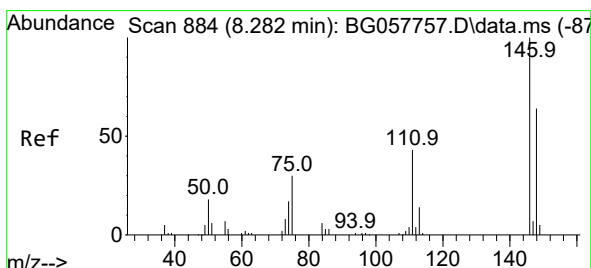
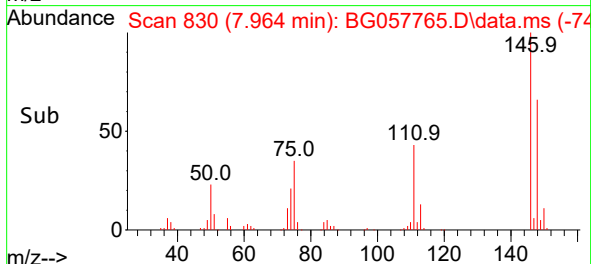
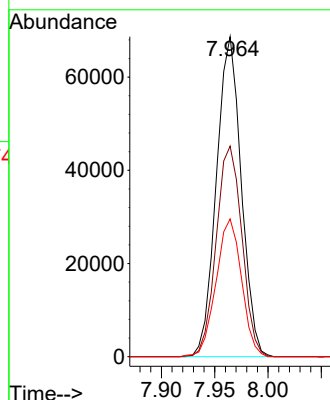
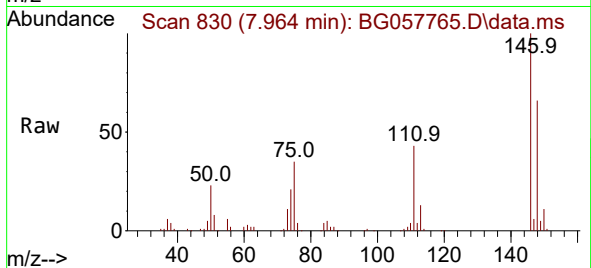
Tgt Ion:146 Resp: 111191

Ion Ratio Lower Upper

146 100

148 65.8 57.0 85.4

111 43.0 35.1 52.7



#14

1,2-Dichlorobenzene

Concen: 50.640 ng

RT: 8.282 min Scan# 884

Delta R.T. -0.000 min

Lab File: BG057765.D

Acq: 19 Jun 2023 21:47

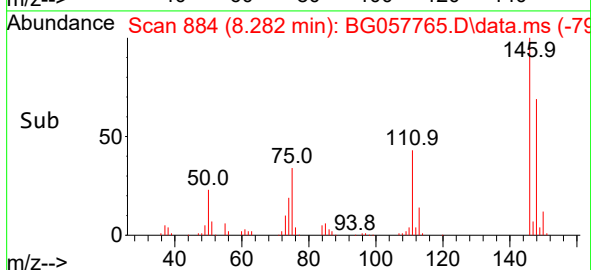
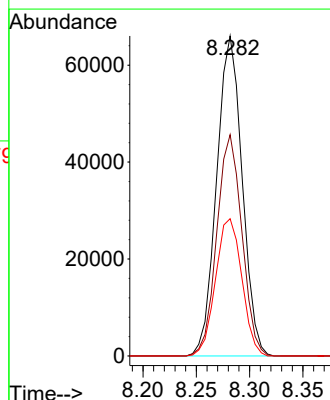
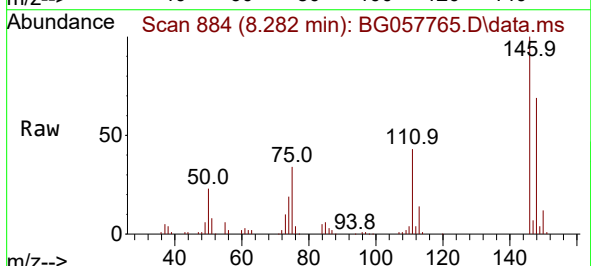
Tgt Ion:146 Resp: 109806

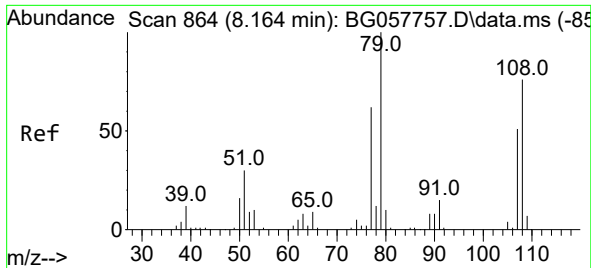
Ion Ratio Lower Upper

146 100

148 69.1 51.0 76.6

111 42.9 34.9 52.3

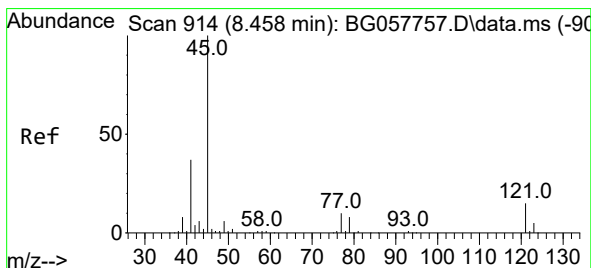
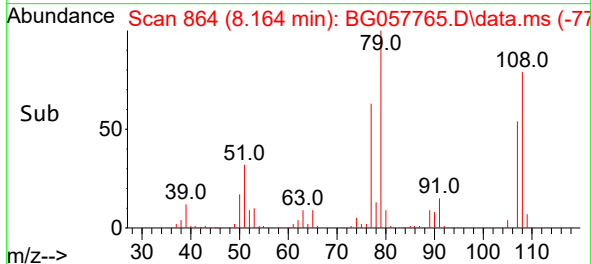
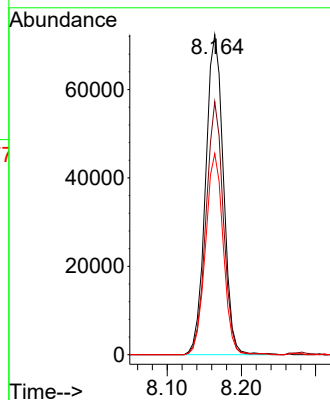
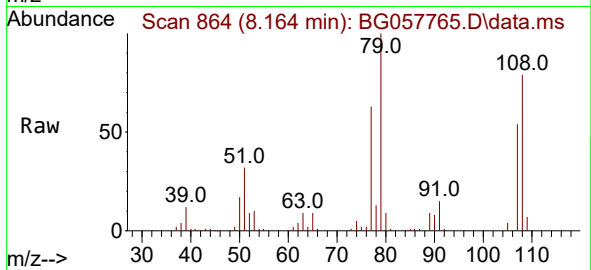




#15  
Benzyl Alcohol  
Concen: 49.155 ng  
RT: 8.164 min Scan# 80  
Delta R.T. -0.000 min  
Lab File: BG057765.D  
Acq: 19 Jun 2023 21:47

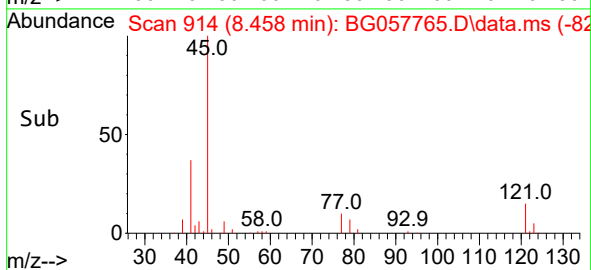
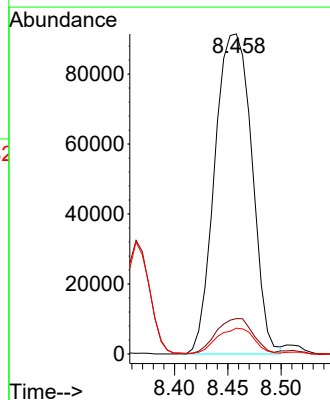
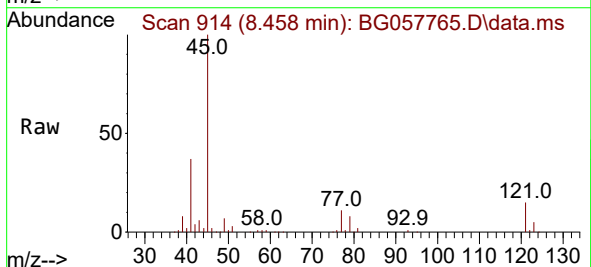
Instrument :  
BNA\_G  
ClientSampleId :  
PB153322BS

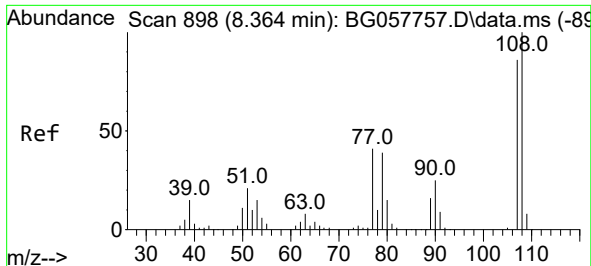
Tgt Ion: 79 Resp: 121150  
Ion Ratio Lower Upper  
79 100  
108 79.1 60.5 90.7  
77 62.9 49.3 73.9



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 47.223 ng  
RT: 8.458 min Scan# 914  
Delta R.T. -0.000 min  
Lab File: BG057765.D  
Acq: 19 Jun 2023 21:47

Tgt Ion: 45 Resp: 221350  
Ion Ratio Lower Upper  
45 100  
77 11.1 0.0 30.6  
79 8.0 0.0 28.3





#17

2-Methylphenol

Concen: 49.958 ng

RT: 8.364 min Scan# 89

Delta R.T. -0.000 min

Lab File: BG057765.D

Acq: 19 Jun 2023 21:47

Instrument :

BNA\_G

ClientSampleId :

PB153322BS

Tgt Ion:107 Resp: 116613

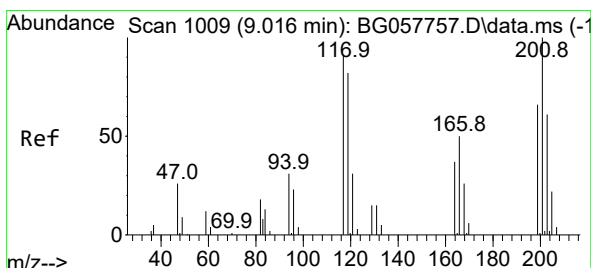
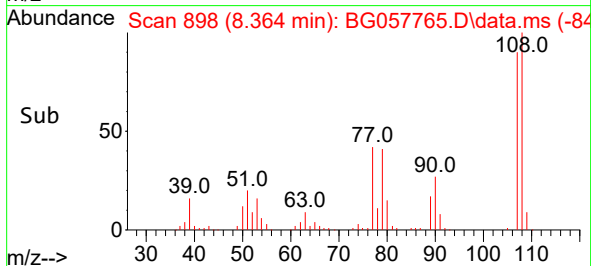
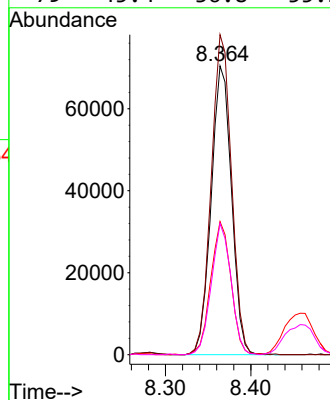
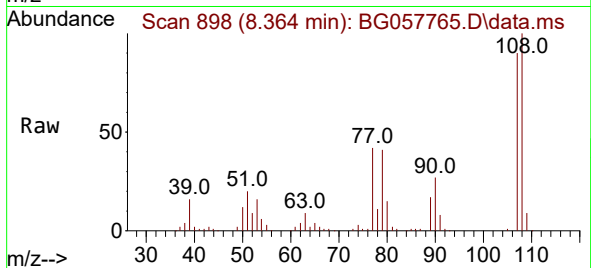
Ion Ratio Lower Upper

107 100

108 110.8 93.2 139.8

77 46.1 37.8 56.8

79 45.4 36.8 55.2



#18

Hexachloroethane

Concen: 50.783 ng

RT: 9.010 min Scan# 1008

Delta R.T. -0.006 min

Lab File: BG057765.D

Acq: 19 Jun 2023 21:47

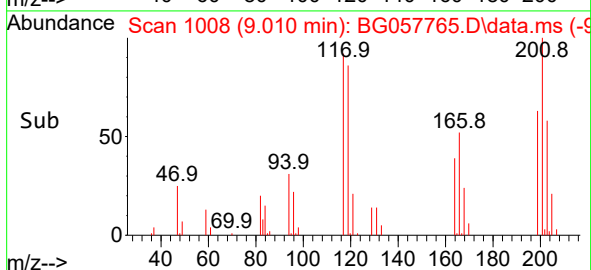
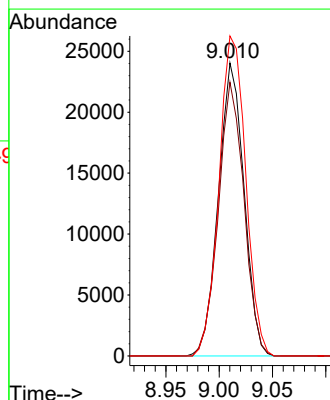
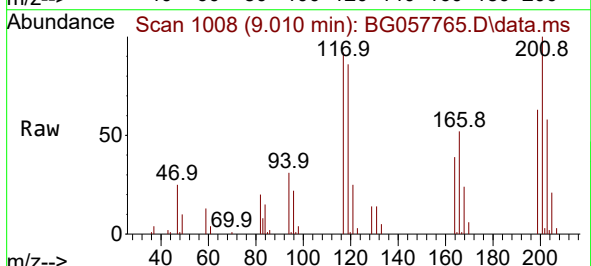
Tgt Ion:117 Resp: 40128

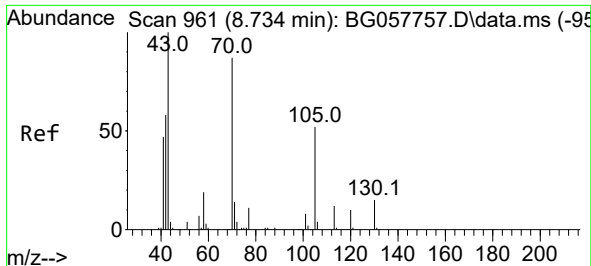
Ion Ratio Lower Upper

117 100

119 93.5 72.3 108.5

201 109.3 87.8 131.8

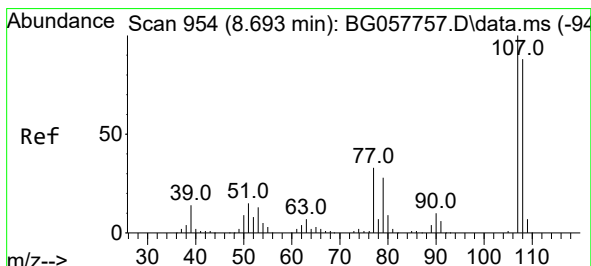
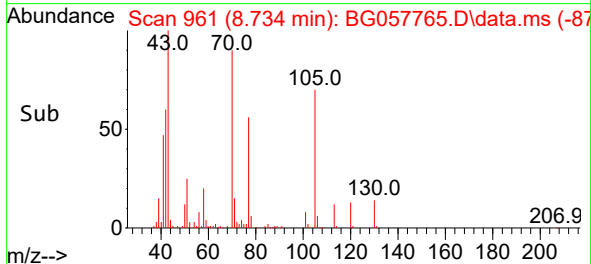
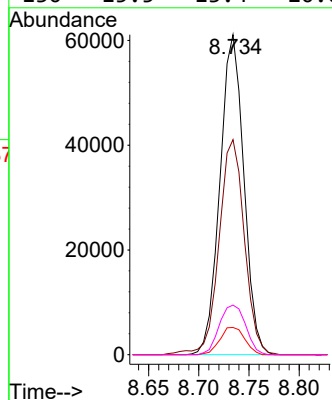
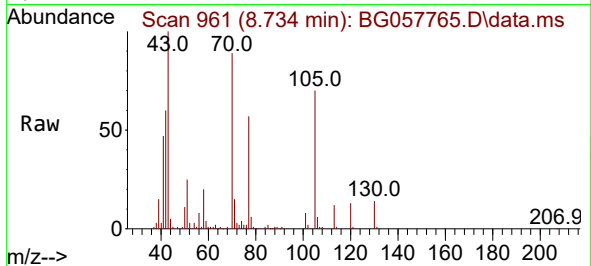




#19  
n-Nitroso-di-n-propylamine  
Concen: 44.898 ng  
RT: 8.734 min Scan# 90  
Delta R.T. -0.000 min  
Lab File: BG057765.D  
Acq: 19 Jun 2023 21:47

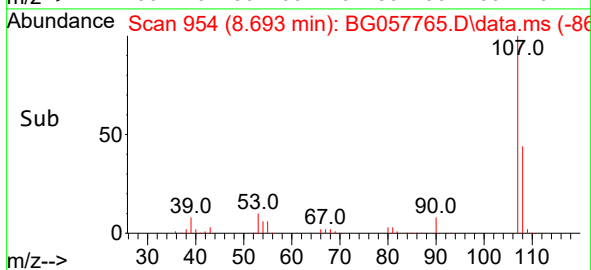
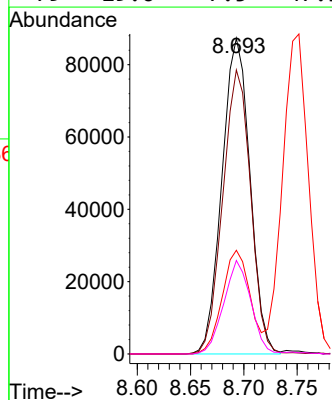
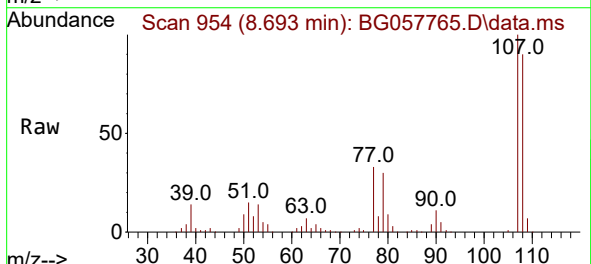
Instrument :  
BNA\_G  
ClientSampleId :  
PB153322BS

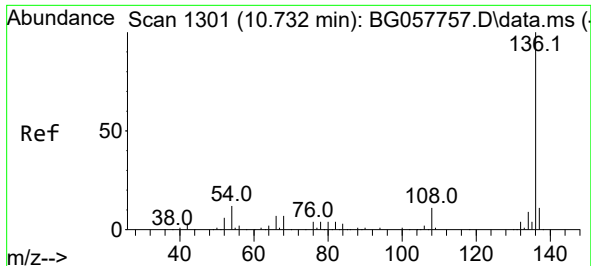
Tgt Ion: 70 Resp: 100894  
Ion Ratio Lower Upper  
70 100  
42 67.2 54.2 81.2  
101 8.5 7.4 11.0  
130 15.5 13.4 20.0



#20  
3+4-Methylphenols  
Concen: 49.449 ng  
RT: 8.693 min Scan# 954  
Delta R.T. -0.000 min  
Lab File: BG057765.D  
Acq: 19 Jun 2023 21:47

Tgt Ion:107 Resp: 159437  
Ion Ratio Lower Upper  
107 100  
108 89.9 67.7 107.7  
77 32.8 13.3 53.3  
79 29.6 7.5 47.5





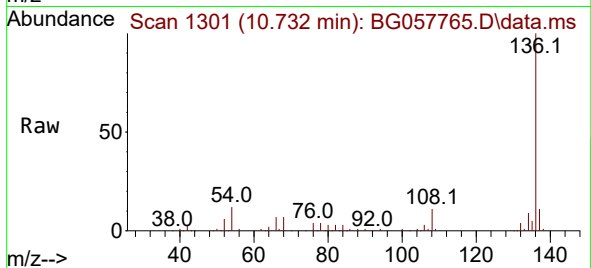
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.732 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BG057765.D  
Acq: 19 Jun 2023 21:47

Instrument :

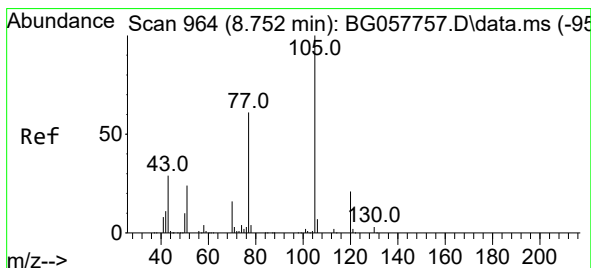
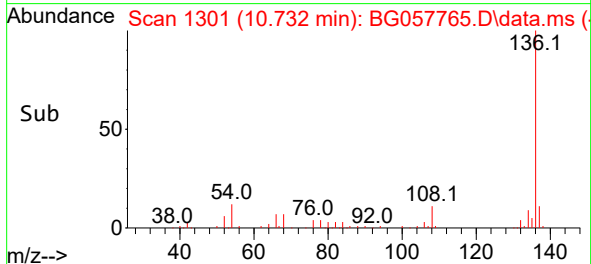
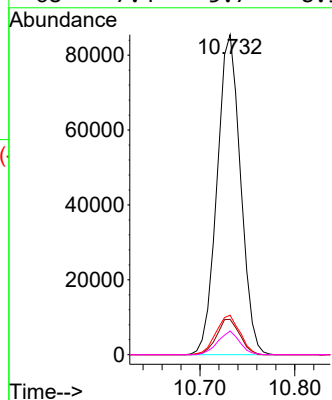
BNA\_G

ClientSampleId :

PB153322BS

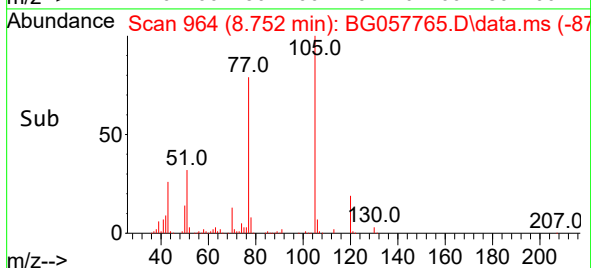
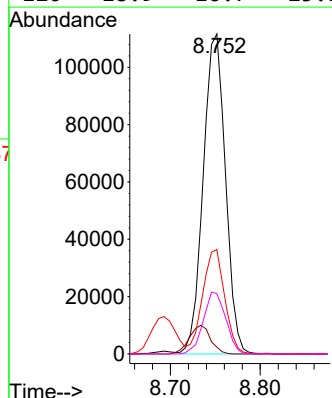
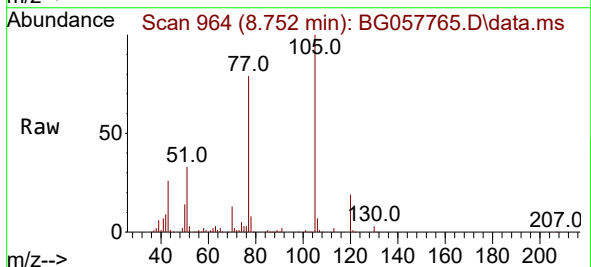


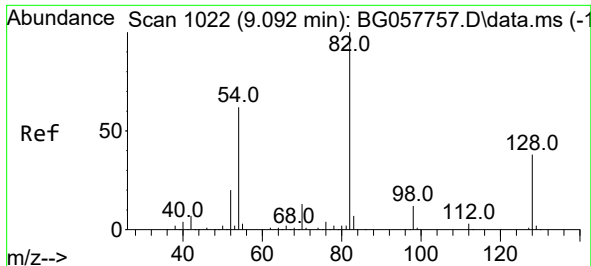
Tgt Ion:136 Resp: 147041  
Ion Ratio Lower Upper  
136 100  
137 11.1 8.5 12.7  
54 12.3 9.5 14.3  
68 7.4 5.7 8.5



#22  
Acetophenone  
Concen: 46.585 ng  
RT: 8.752 min Scan# 964  
Delta R.T. -0.000 min  
Lab File: BG057765.D  
Acq: 19 Jun 2023 21:47

Tgt Ion:105 Resp: 192086  
Ion Ratio Lower Upper  
105 100  
71 2.2 2.4 3.6#  
51 32.6 25.9 38.9  
120 18.9 16.7 25.1





#23

Nitrobenzene-d5

Concen: 93.837 ng

RT: 9.092 min Scan# 1022

Delta R.T. -0.000 min

Lab File: BG057765.D

Acq: 19 Jun 2023 21:47

Instrument :

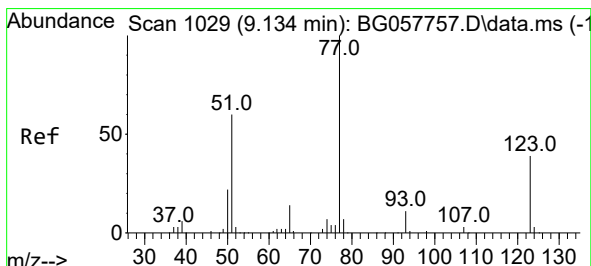
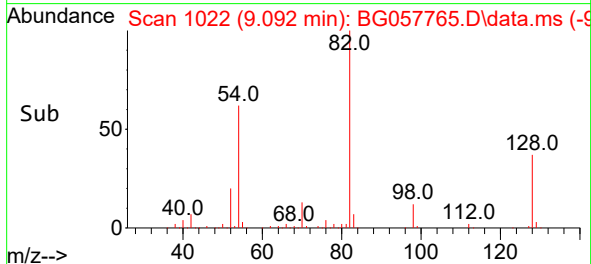
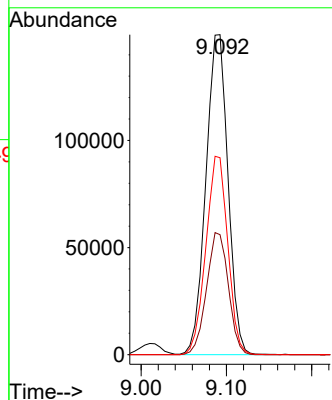
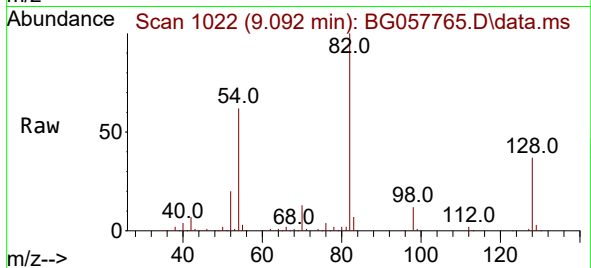
BNA\_G

ClientSampleId :

PB153322BS

Tgt Ion: 82 Resp: 268842

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 37.5  | 30.7  | 46.1  |
| 54  | 61.6  | 49.6  | 74.4  |



#24

Nitrobenzene

Concen: 47.035 ng

RT: 9.134 min Scan# 1029

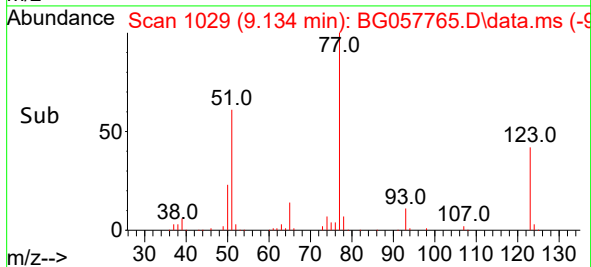
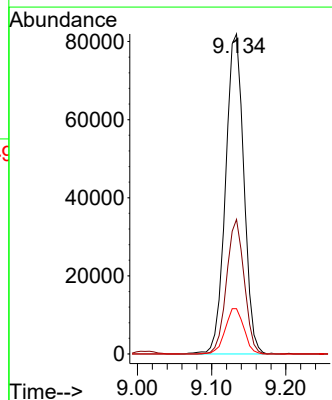
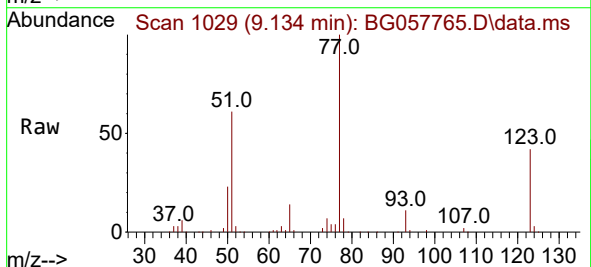
Delta R.T. -0.000 min

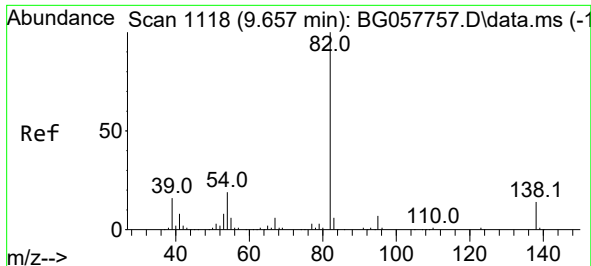
Lab File: BG057765.D

Acq: 19 Jun 2023 21:47

Tgt Ion: 77 Resp: 140247

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 123 | 42.1  | 31.4  | 47.2  |
| 65  | 14.2  | 11.2  | 16.8  |

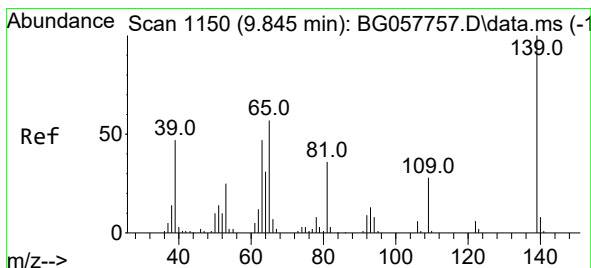
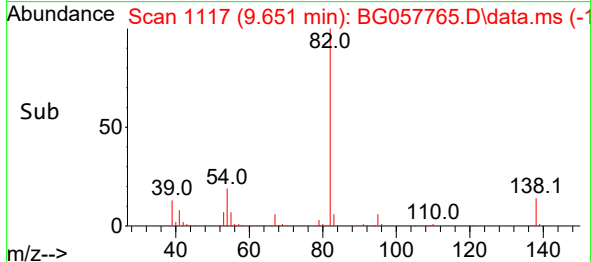
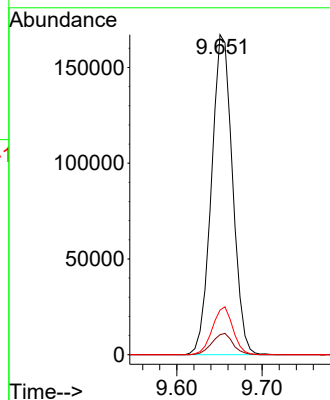
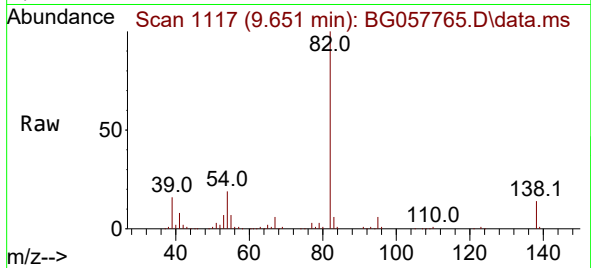




#25  
Isophorone  
Concen: 43.791 ng  
RT: 9.651 min Scan# 1117  
Delta R.T. -0.006 min  
Lab File: BG057765.D  
Acq: 19 Jun 2023 21:47

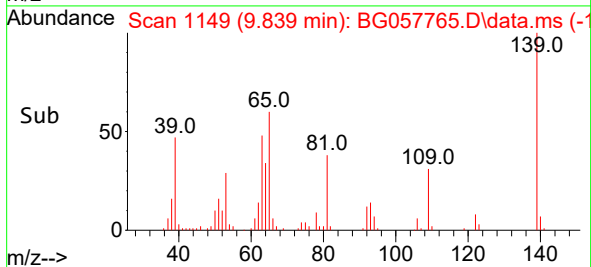
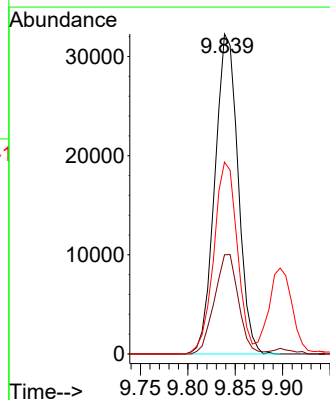
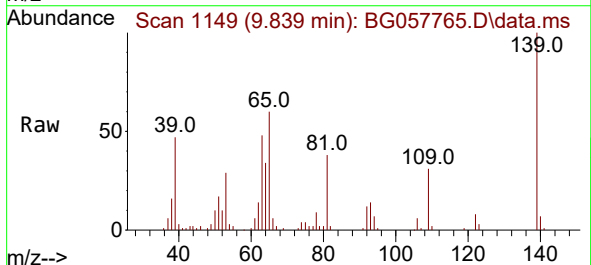
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BNA\_G  
ClientSampleId :  
PB153322BS

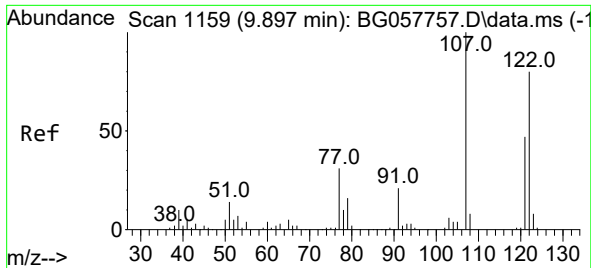
Tgt Ion: 82 Resp: 286634  
Ion Ratio Lower Upper  
82 100  
95 6.3 5.2 7.8  
138 14.0 11.1 16.7



#26  
2-Nitrophenol  
Concen: 57.946 ng  
RT: 9.839 min Scan# 1149  
Delta R.T. -0.006 min  
Lab File: BG057765.D  
Acq: 19 Jun 2023 21:47

Tgt Ion:139 Resp: 54969  
Ion Ratio Lower Upper  
139 100  
109 31.0 22.5 33.7  
65 60.0 45.5 68.3

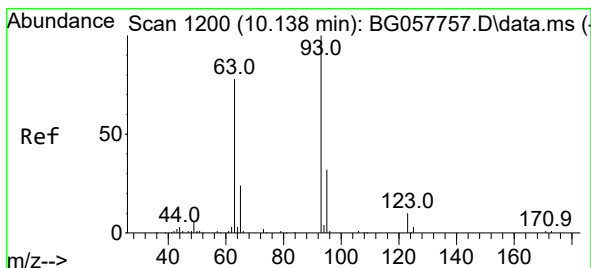
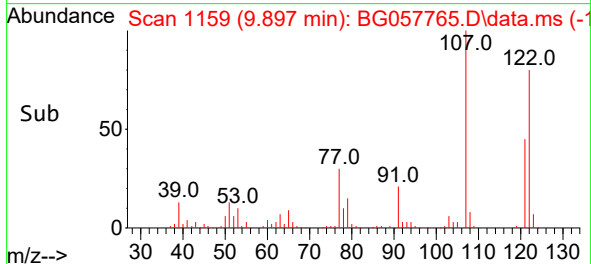
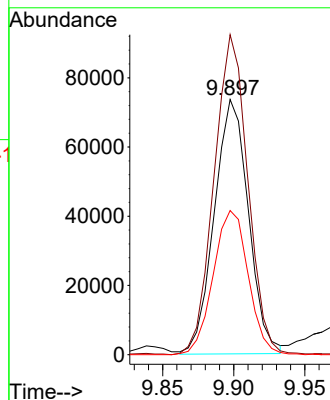
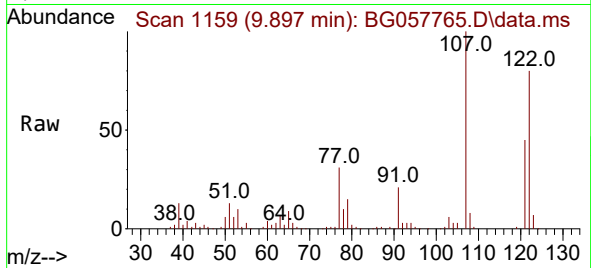




#27  
2,4-Dimethylphenol  
Concen: 52.310 ng  
RT: 9.897 min Scan# 1159  
Delta R.T. -0.000 min  
Lab File: BG057765.D  
Acq: 19 Jun 2023 21:47

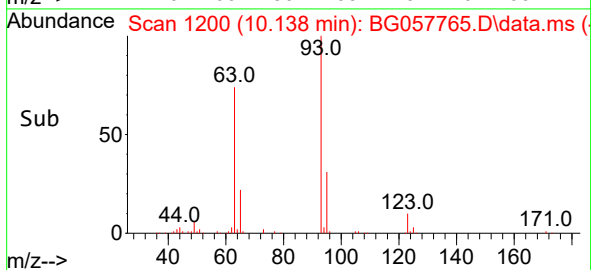
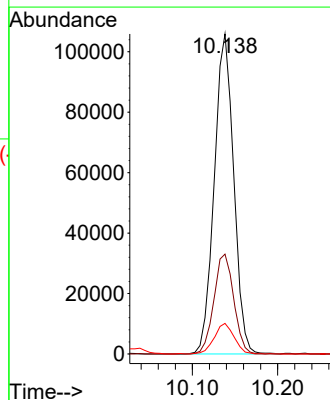
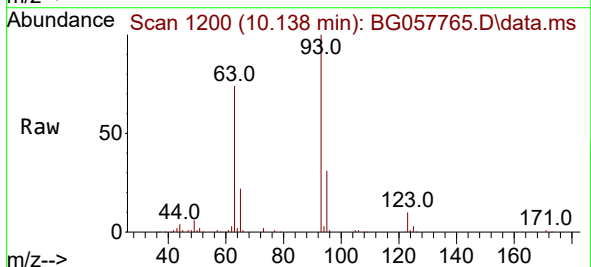
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BNA\_G  
ClientSampleId :  
PB153322BS

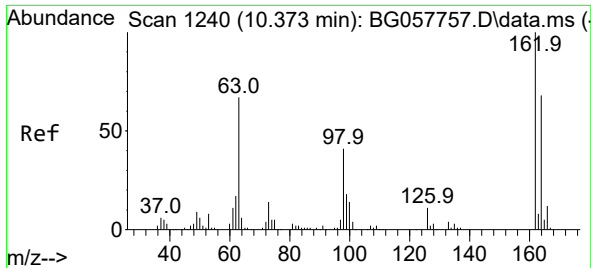
Tgt Ion:122 Resp: 122856  
Ion Ratio Lower Upper  
122 100  
107 125.4 98.9 148.3  
121 56.5 46.4 69.6



#28  
bis(2-Chloroethoxy)methane  
Concen: 47.573 ng  
RT: 10.138 min Scan# 1200  
Delta R.T. -0.000 min  
Lab File: BG057765.D  
Acq: 19 Jun 2023 21:47

Tgt Ion: 93 Resp: 167691  
Ion Ratio Lower Upper  
93 100  
95 31.2 25.6 38.4  
123 9.6 8.2 12.2

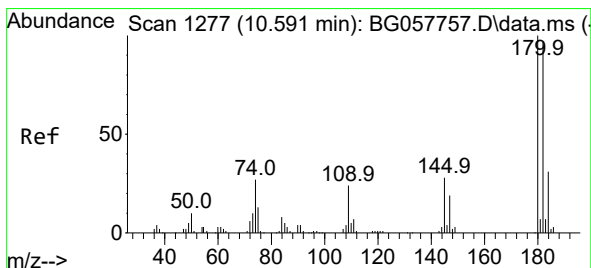
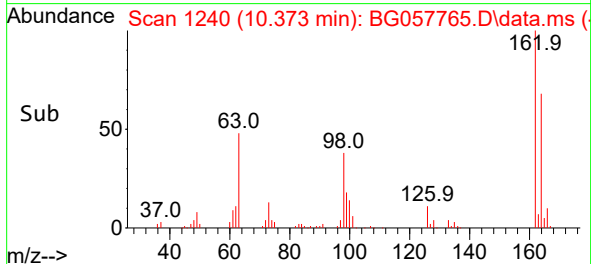
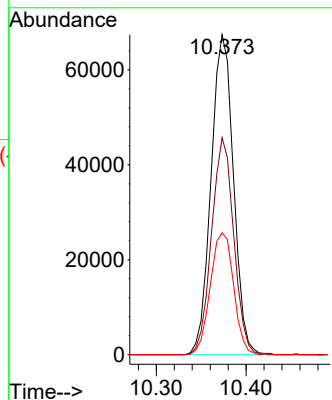
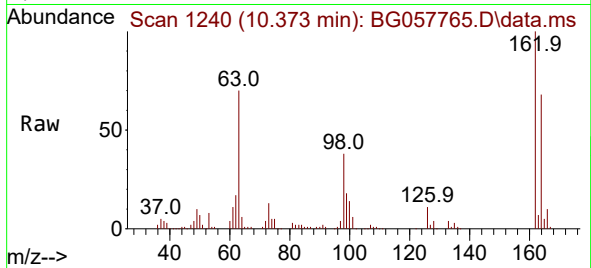




#29  
2,4-Dichlorophenol  
Concen: 52.363 ng  
RT: 10.373 min Scan# 1240  
Delta R.T. -0.000 min  
Lab File: BG057765.D  
Acq: 19 Jun 2023 21:47

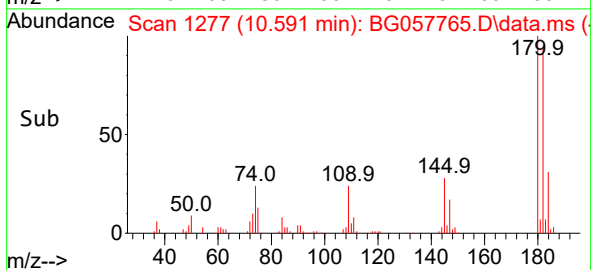
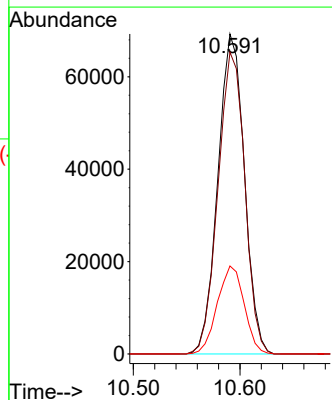
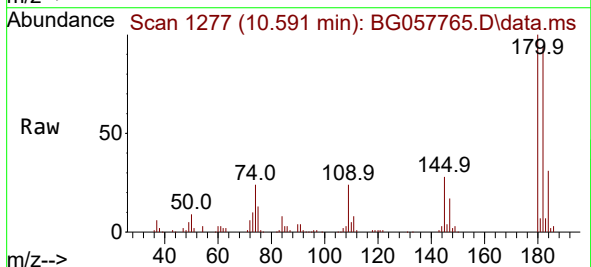
Instrument :  
BNA\_G  
ClientSampleId :  
PB153322BS

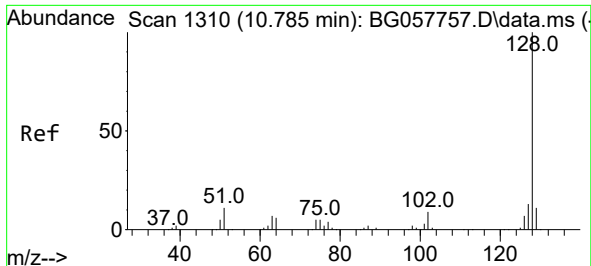
Tgt Ion:162 Resp: 116786  
Ion Ratio Lower Upper  
162 100  
164 67.8 48.2 88.2  
98 38.1 20.7 60.7



#30  
1,2,4-Trichlorobenzene  
Concen: 48.029 ng  
RT: 10.591 min Scan# 1277  
Delta R.T. -0.000 min  
Lab File: BG057765.D  
Acq: 19 Jun 2023 21:47

Tgt Ion:180 Resp: 119402  
Ion Ratio Lower Upper  
180 100  
182 94.3 77.5 116.3  
145 27.5 22.6 34.0

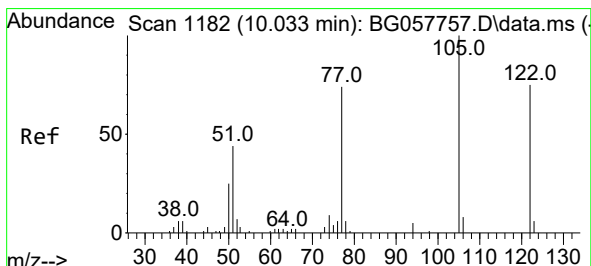
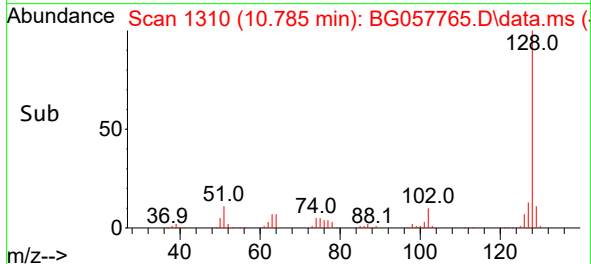
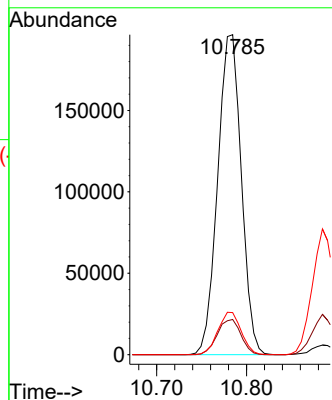
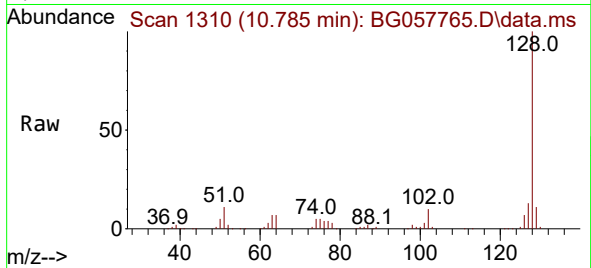




#31  
Naphthalene  
Concen: 45.898 ng  
RT: 10.785 min Scan# 1183  
Delta R.T. -0.000 min  
Lab File: BG057765.D  
Acq: 19 Jun 2023 21:47

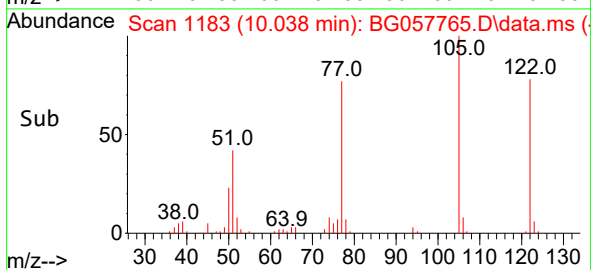
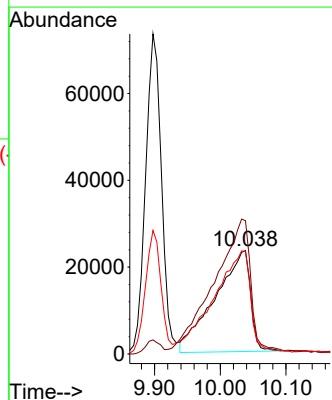
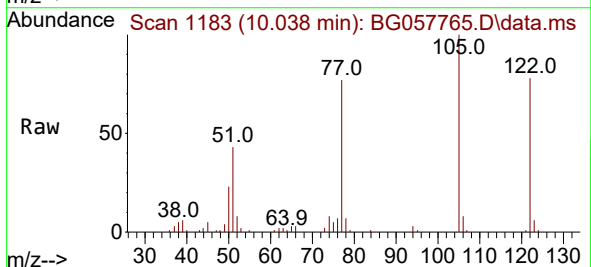
Instrument :  
BNA\_G  
ClientSampleId :  
PB153322BS

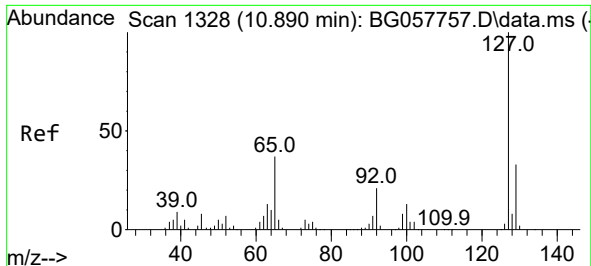
Tgt Ion:128 Resp: 359195  
Ion Ratio Lower Upper  
128 100  
129 11.0 8.5 12.7  
127 13.1 10.7 16.1



#32  
Benzoic acid  
Concen: 50.438 ng  
RT: 10.038 min Scan# 1183  
Delta R.T. 0.005 min  
Lab File: BG057765.D  
Acq: 19 Jun 2023 21:47

Tgt Ion:122 Resp: 87217  
Ion Ratio Lower Upper  
122 100  
105 128.9 110.1 150.1  
77 99.2 78.2 118.2

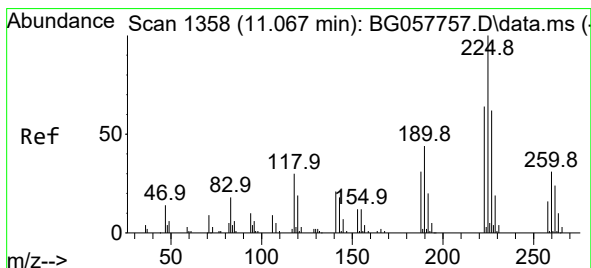
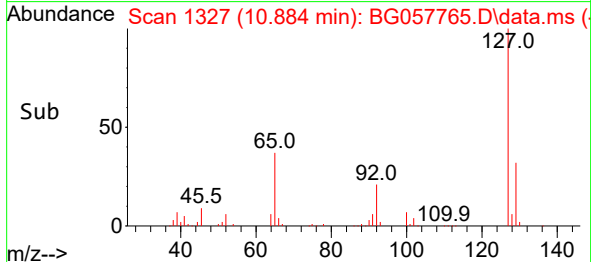
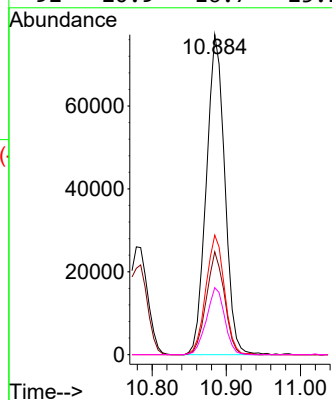
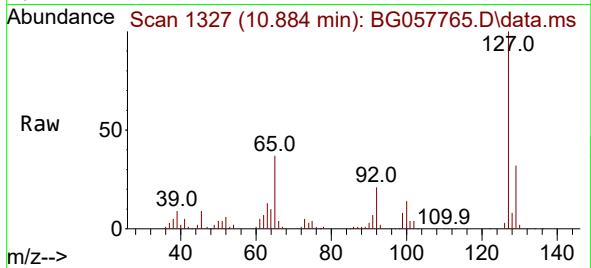




#33  
4-Chloroaniline  
Concen: 36.758 ng  
RT: 10.884 min Scan# 1327  
Delta R.T. -0.006 min  
Lab File: BG057765.D  
Acq: 19 Jun 2023 21:47

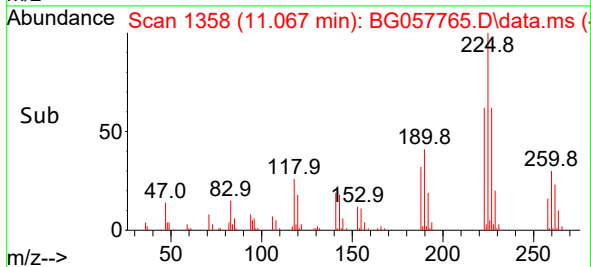
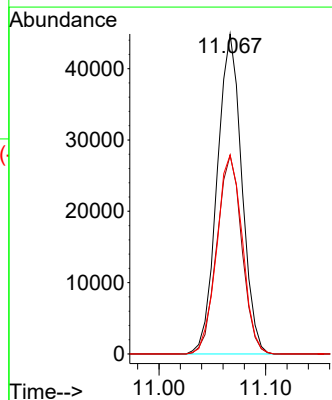
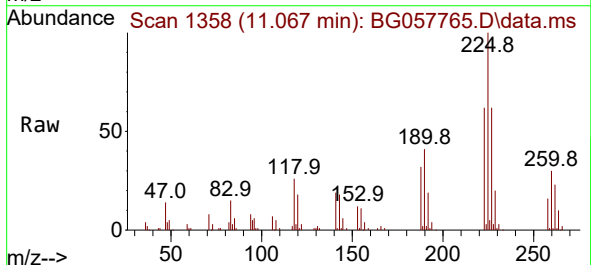
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ClientSampleId :  
PB153322BS

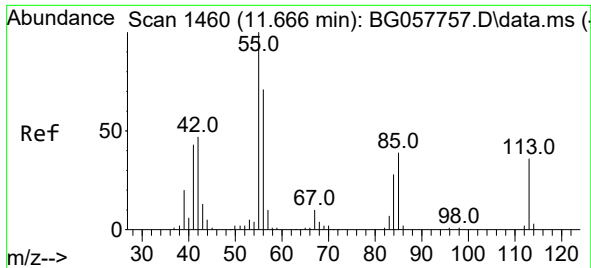
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 127   | Resp: | 133288 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 32.1  | 26.6  | 40.0   |
| 65       | 37.4  | 29.8  | 44.8   |
| 92       | 20.9  | 16.7  | 25.1   |



#34  
Hexachlorobutadiene  
Concen: 47.437 ng  
RT: 11.067 min Scan# 1358  
Delta R.T. -0.000 min  
Lab File: BG057765.D  
Acq: 19 Jun 2023 21:47

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 225   | Resp: | 71948 |
| Ion      | Ratio | Lower | Upper |
| 225      | 100   |       |       |
| 223      | 62.1  | 51.4  | 77.0  |
| 227      | 62.1  | 49.7  | 74.5  |

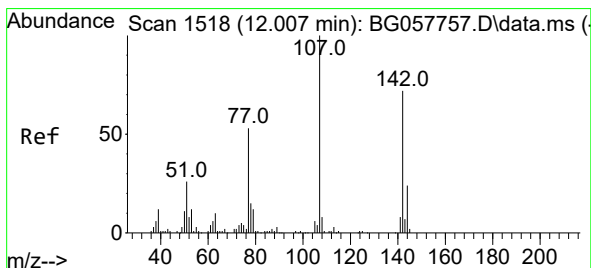
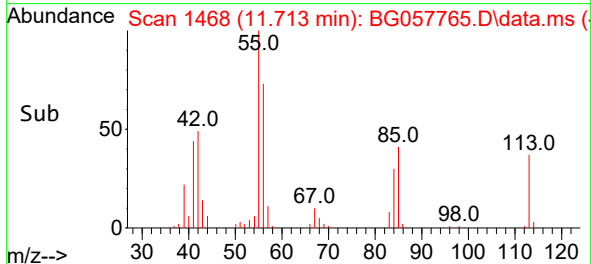
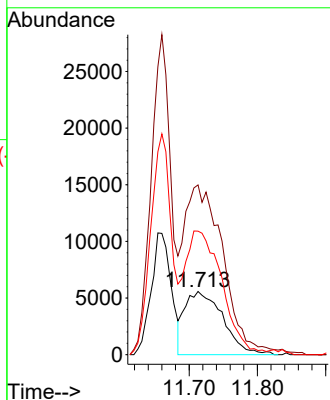
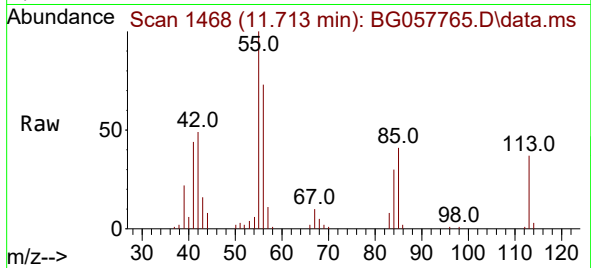




#35  
 Caprolactam  
 Concen: 23.887 ng  
 RT: 11.713 min Scan# 1468  
 Delta R.T. 0.047 min  
 Lab File: BG057765.D  
 Acq: 19 Jun 2023 21:47

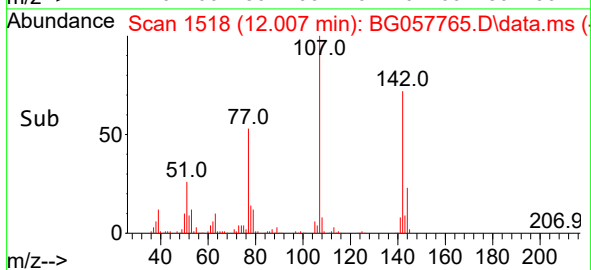
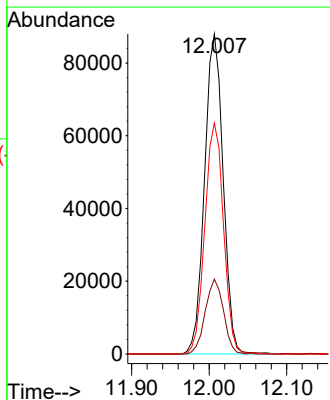
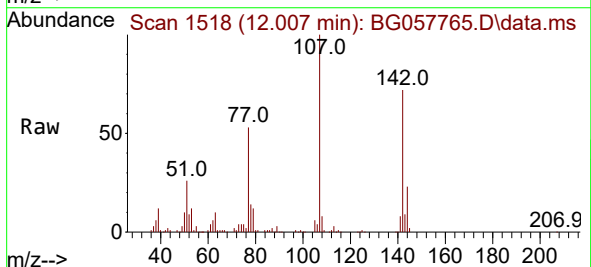
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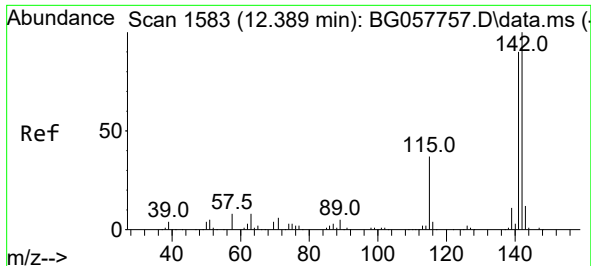
Tgt Ion:113 Resp: 21618  
 Ion Ratio Lower Upper  
 113 100  
 55 268.4 255.7 295.7  
 56 195.3 175.2 215.2



#36  
 4-Chloro-3-methylphenol  
 Concen: 50.329 ng  
 RT: 12.007 min Scan# 1518  
 Delta R.T. -0.000 min  
 Lab File: BG057765.D  
 Acq: 19 Jun 2023 21:47

Tgt Ion:107 Resp: 146598  
 Ion Ratio Lower Upper  
 107 100  
 144 23.4 19.5 29.3  
 142 72.2 57.9 86.9





#37

2-Methylnaphthalene

Concen: 44.122 ng

RT: 12.389 min Scan# 1

Delta R.T. -0.000 min

Lab File: BG057765.D

Acq: 19 Jun 2023 21:47

Instrument :

BNA\_G

ClientSampleId :

PB153322BS

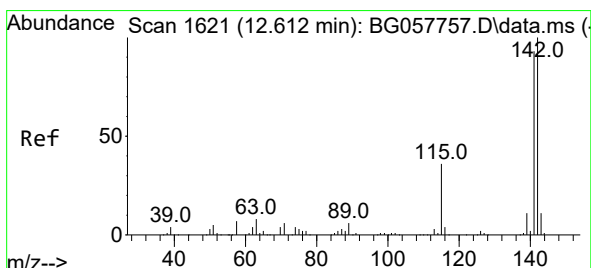
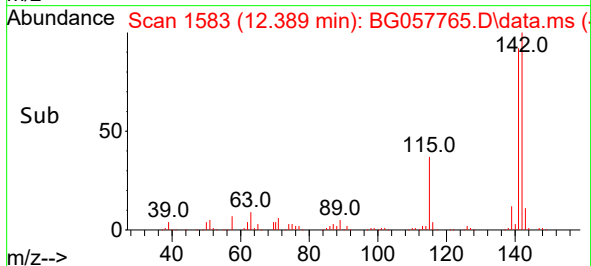
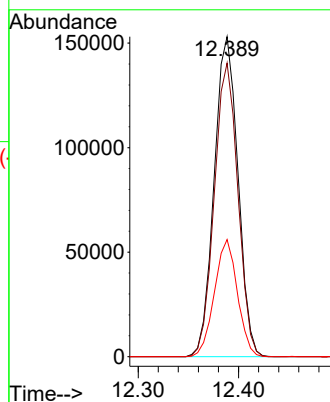
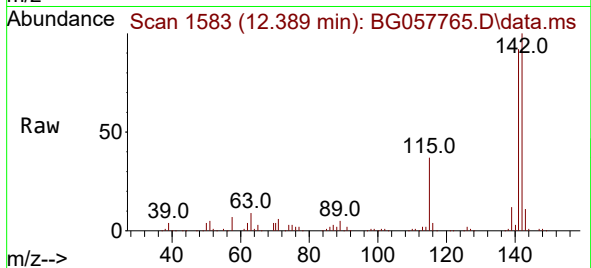
Tgt Ion:142 Resp: 251687

Ion Ratio Lower Upper

142 100

141 91.8 72.1 108.1

115 36.6 29.7 44.5



#38

1-Methylnaphthalene

Concen: 44.485 ng

RT: 12.606 min Scan# 1620

Delta R.T. -0.006 min

Lab File: BG057765.D

Acq: 19 Jun 2023 21:47

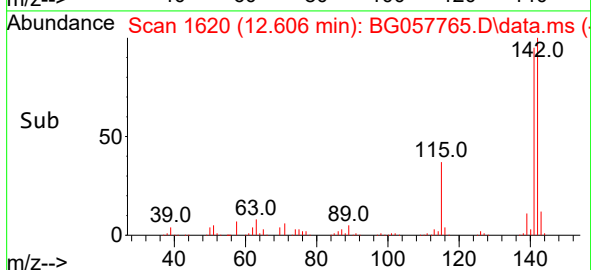
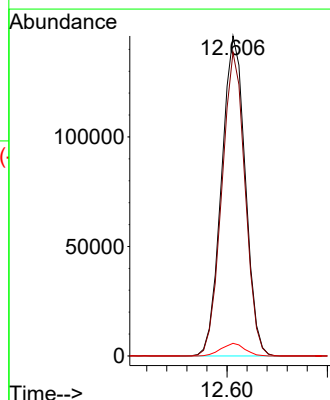
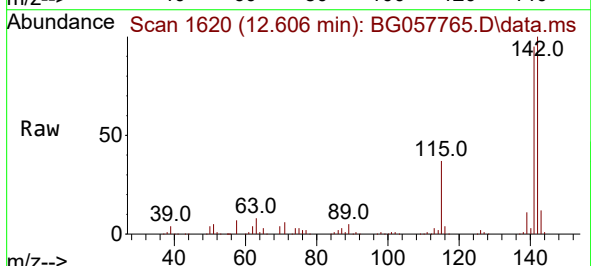
Tgt Ion:142 Resp: 239539

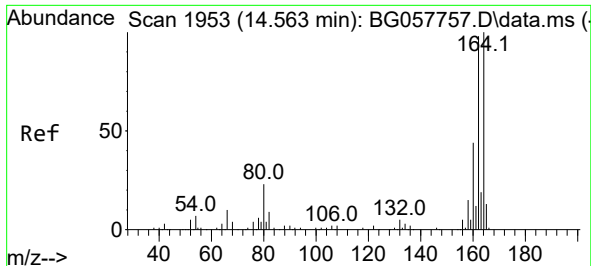
Ion Ratio Lower Upper

142 100

141 94.9 74.2 111.4

116 3.9 3.1 4.7

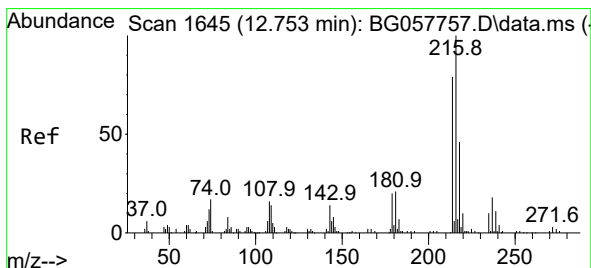
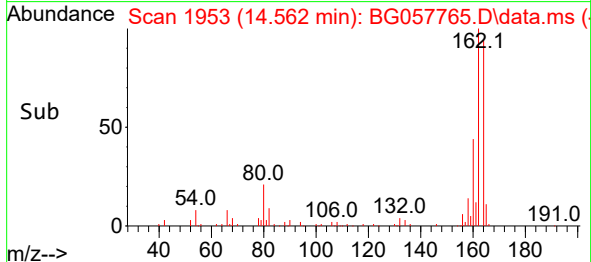
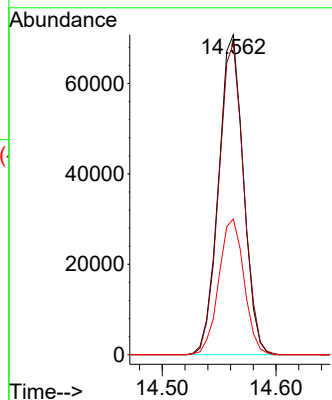
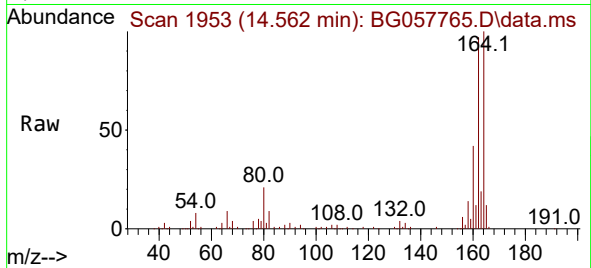




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.562 min Scan# 1953  
Delta R.T. -0.000 min  
Lab File: BG057765.D  
Acq: 19 Jun 2023 21:47

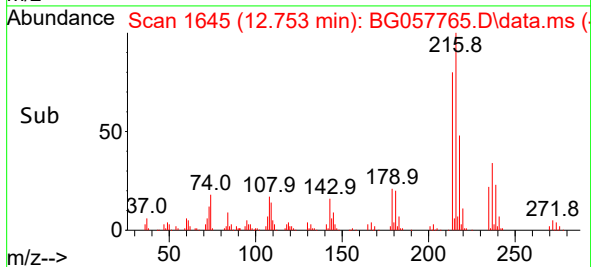
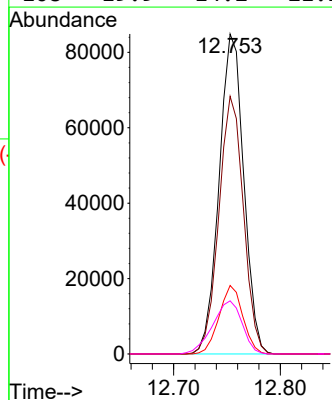
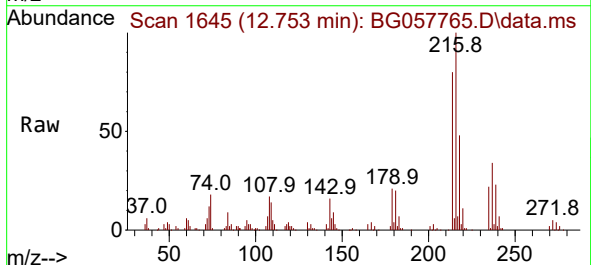
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BNA\_G  
ClientSampleId :  
PB153322BS

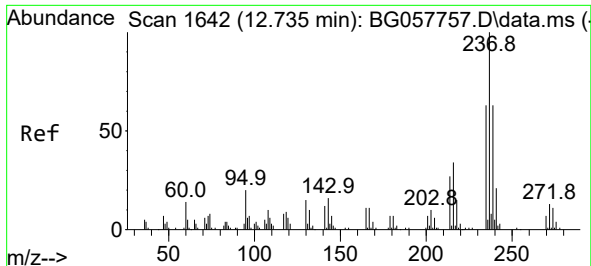
Tgt Ion:164 Resp: 107571  
Ion Ratio Lower Upper  
164 100  
162 97.3 78.3 117.5  
160 42.4 35.4 53.0



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 45.639 ng  
RT: 12.753 min Scan# 1645  
Delta R.T. -0.000 min  
Lab File: BG057765.D  
Acq: 19 Jun 2023 21:47

Tgt Ion:216 Resp: 136104  
Ion Ratio Lower Upper  
216 100  
214 80.2 63.0 94.4  
179 20.7 16.2 24.2  
108 19.9 14.2 21.2

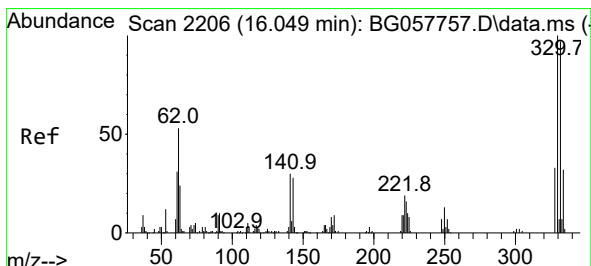
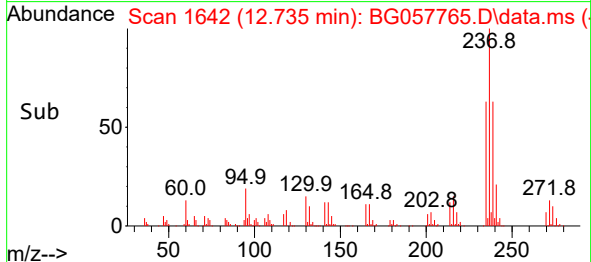
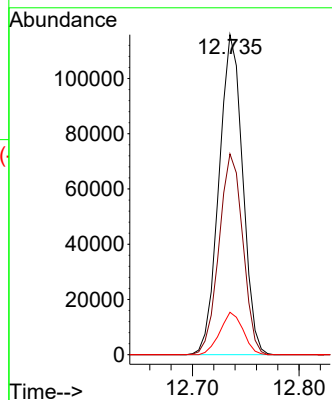
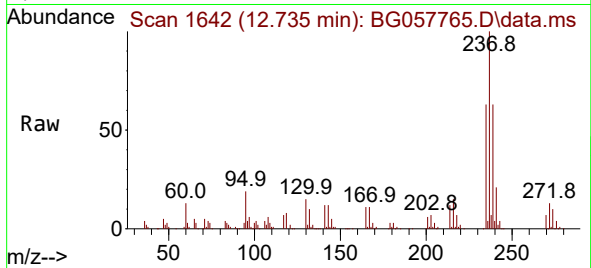




#41  
Hexachlorocyclopentadiene  
Concen: 112.767 ng  
RT: 12.735 min Scan# 1  
Delta R.T. -0.000 min  
Lab File: BG057765.D  
Acq: 19 Jun 2023 21:47

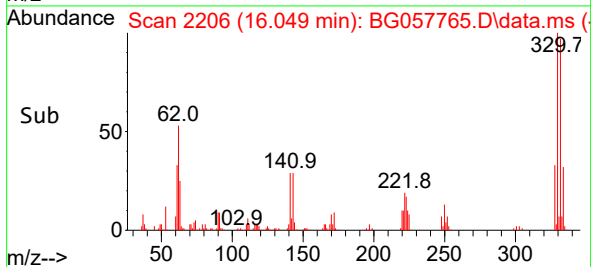
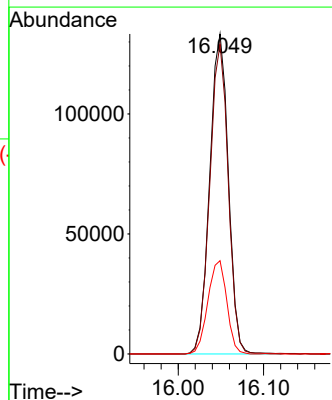
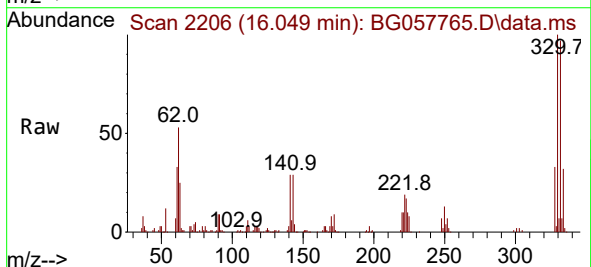
Instrument :  
BNA\_G  
ClientSampleId :  
PB153322BS

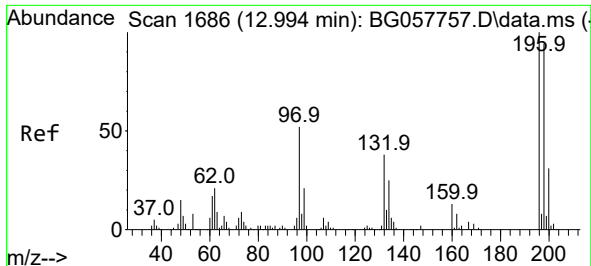
Tgt Ion:237 Resp: 178537  
Ion Ratio Lower Upper  
237 100  
235 62.8 43.5 83.5  
272 13.2 0.0 32.8



#42  
2,4,6-Tribromophenol  
Concen: 134.875 ng  
RT: 16.049 min Scan# 2206  
Delta R.T. -0.000 min  
Lab File: BG057765.D  
Acq: 19 Jun 2023 21:47

Tgt Ion:330 Resp: 202104  
Ion Ratio Lower Upper  
330 100  
332 95.8 76.6 115.0  
141 29.6 24.7 37.1





#43

2,4,6-Trichlorophenol

Concen: 50.065 ng

RT: 12.988 min Scan# 1

Delta R.T. -0.006 min

Lab File: BG057765.D

Acq: 19 Jun 2023 21:47

Instrument :

BNA\_G

ClientSampleId :

PB153322BS

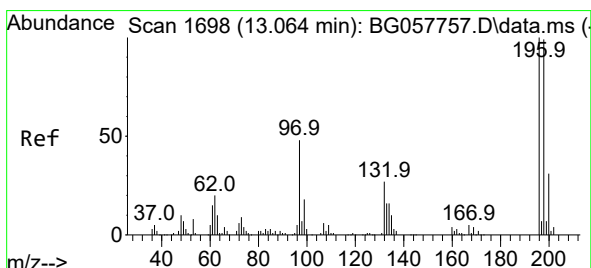
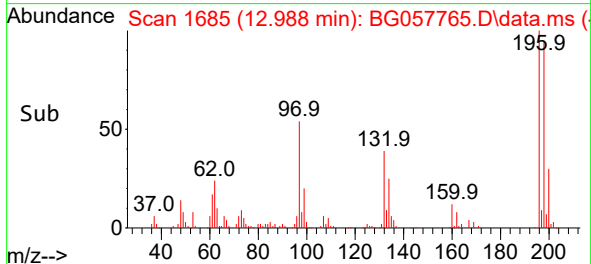
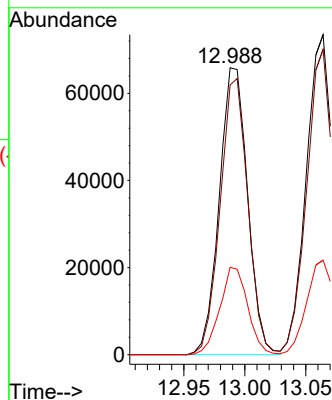
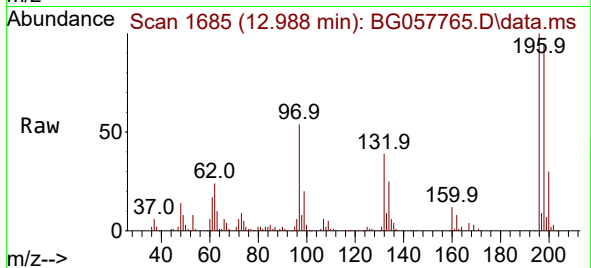
Tgt Ion:196 Resp: 106904

Ion Ratio Lower Upper

196 100

198 94.0 75.5 113.3

200 30.4 24.6 36.8



#44

2,4,5-Trichlorophenol

Concen: 46.931 ng

RT: 13.064 min Scan# 1698

Delta R.T. -0.000 min

Lab File: BG057765.D

Acq: 19 Jun 2023 21:47

Tgt Ion:196 Resp: 116813

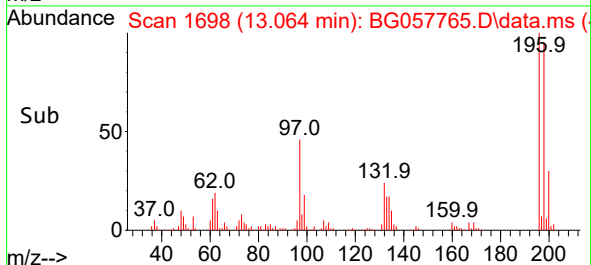
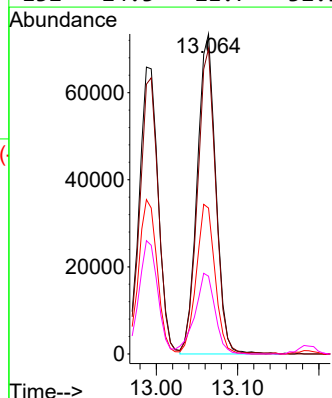
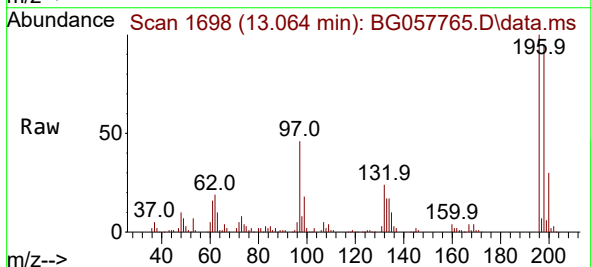
Ion Ratio Lower Upper

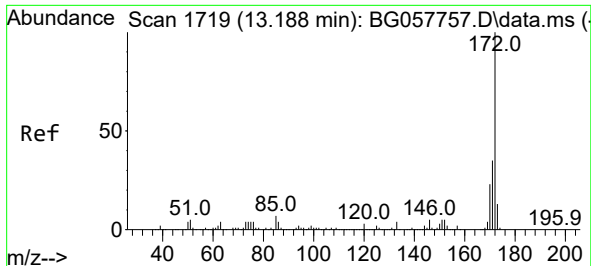
196 100

198 95.4 78.9 118.3

97 45.6 38.3 57.5

132 24.3 21.7 32.5

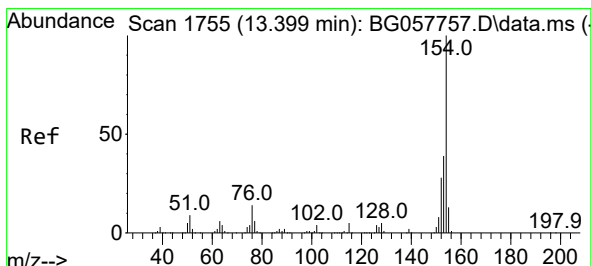
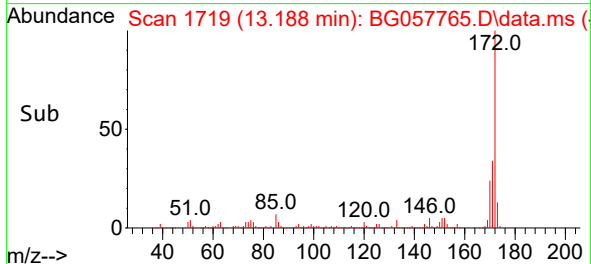
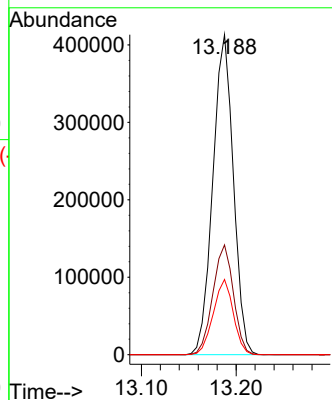
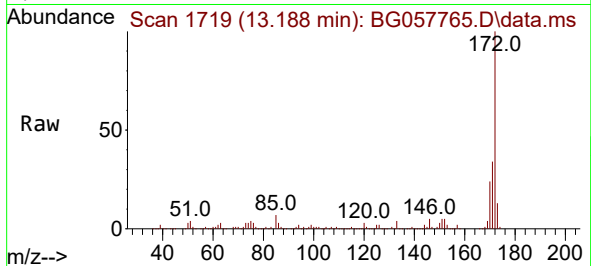




#45  
2-Fluorobiphenyl  
Concen: 87.632 ng  
RT: 13.188 min Scan# 1719  
Delta R.T. -0.000 min  
Lab File: BG057765.D  
Acq: 19 Jun 2023 21:47

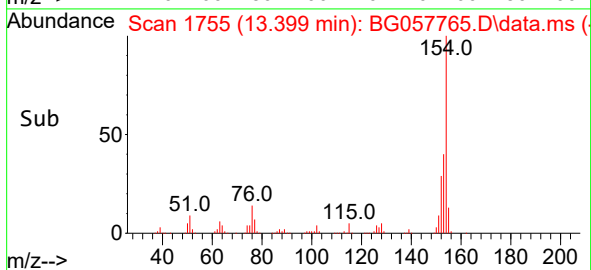
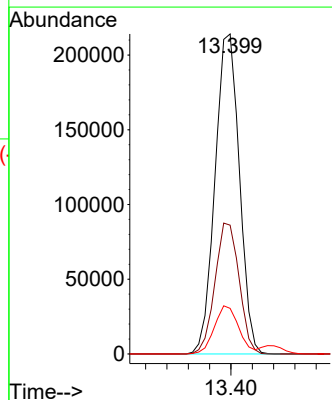
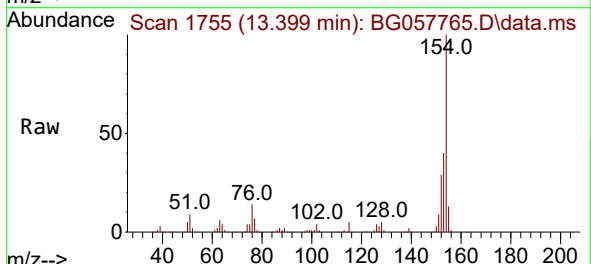
Instrument :  
BNA\_G  
ClientSampleId :  
PB153322BS

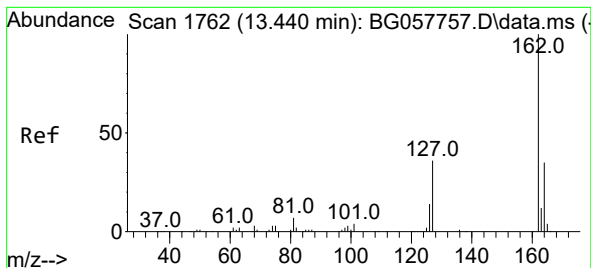
Tgt Ion:172 Resp: 621506  
Ion Ratio Lower Upper  
172 100  
171 34.3 28.1 42.1  
170 23.5 18.6 27.8



#46  
1,1'-Biphenyl  
Concen: 45.876 ng  
RT: 13.399 min Scan# 1755  
Delta R.T. -0.000 min  
Lab File: BG057765.D  
Acq: 19 Jun 2023 21:47

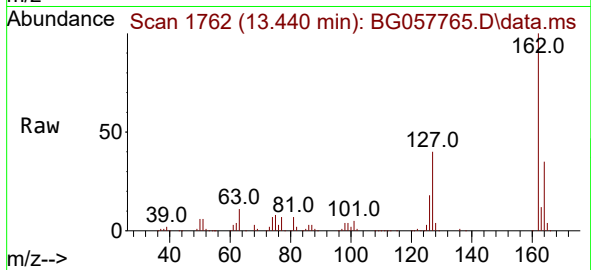
Tgt Ion:154 Resp: 338847  
Ion Ratio Lower Upper  
154 100  
153 40.2 19.1 59.1  
76 14.3 0.0 34.3



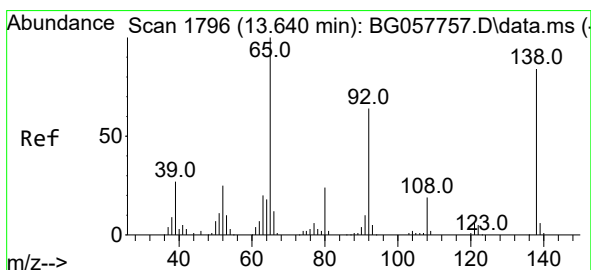
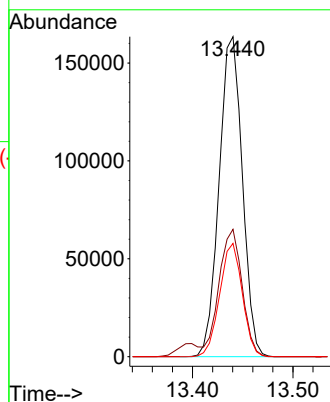
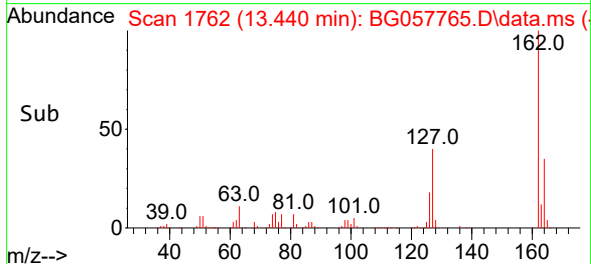


#47  
2-Chloronaphthalene  
Concen: 46.203 ng  
RT: 13.440 min Scan# 1762  
Delta R.T. -0.000 min  
Lab File: BG057765.D  
Acq: 19 Jun 2023 21:47

Instrument :  
BNA\_G  
ClientSampleId :  
PB153322BS

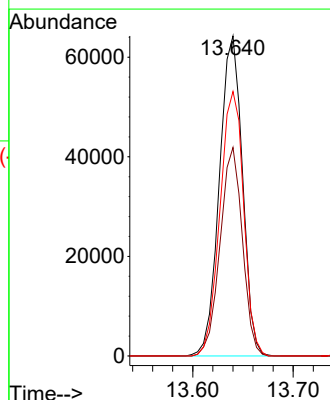
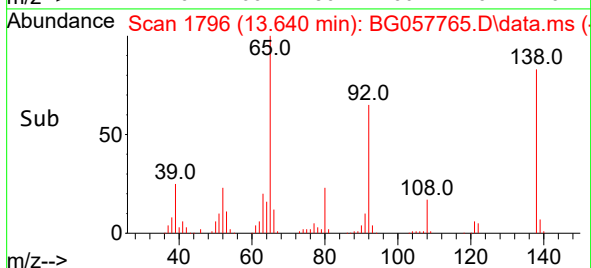
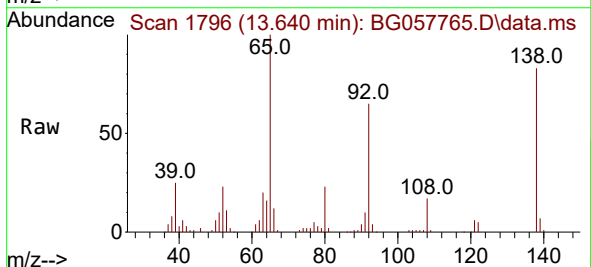


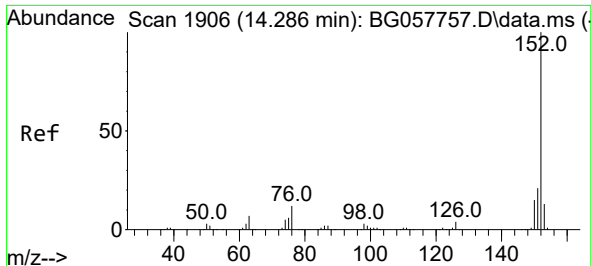
Tgt Ion:162 Resp: 262176  
Ion Ratio Lower Upper  
162 100  
127 39.8 32.2 48.2  
164 35.4 28.0 42.0



#48  
2-Nitroaniline  
Concen: 50.687 ng  
RT: 13.640 min Scan# 1796  
Delta R.T. 0.000 min  
Lab File: BG057765.D  
Acq: 19 Jun 2023 21:47

Tgt Ion: 65 Resp: 102210  
Ion Ratio Lower Upper  
65 100  
92 65.2 51.2 76.8  
138 82.6 67.2 100.8

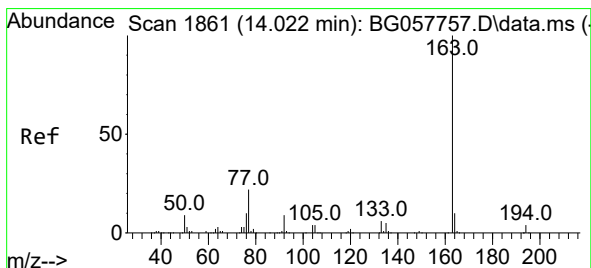
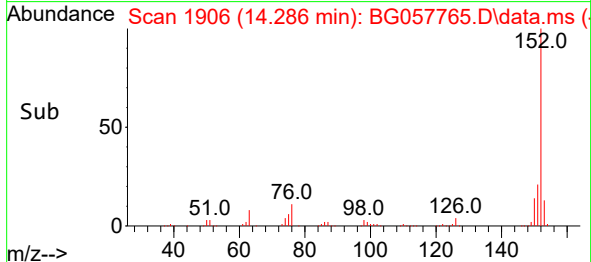
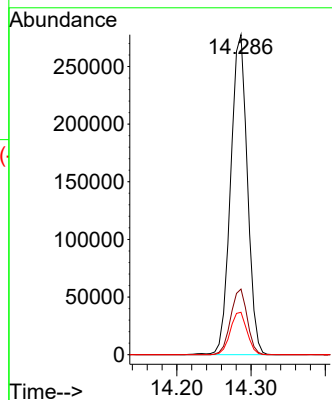
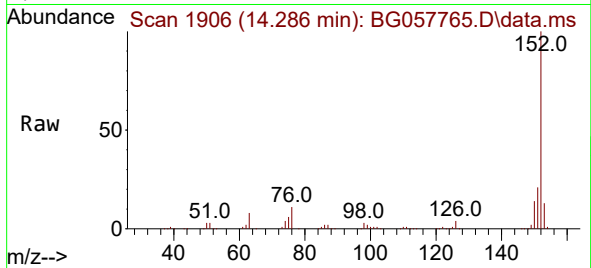




#49  
Acenaphthylene  
Concen: 44.592 ng  
RT: 14.286 min Scan# 1906  
Delta R.T. -0.000 min  
Lab File: BG057765.D  
Acq: 19 Jun 2023 21:47

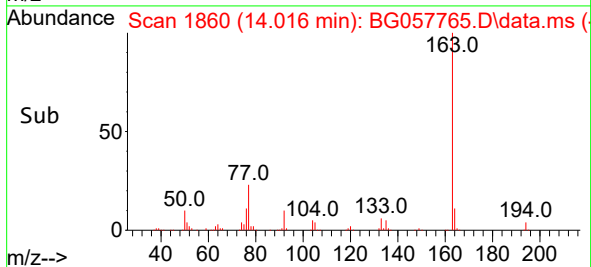
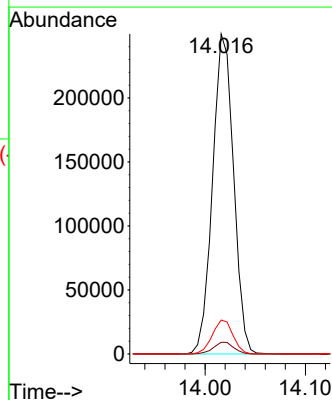
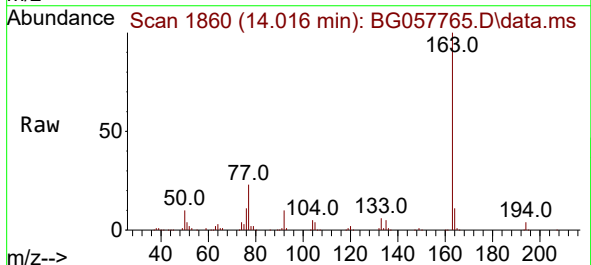
Instrument :  
BNA\_G  
ClientSampleId :  
PB153322BS

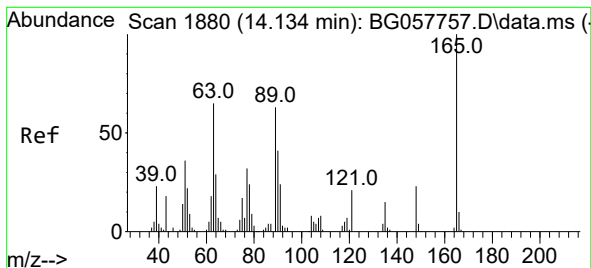
Tgt Ion:152 Resp: 434316  
Ion Ratio Lower Upper  
152 100  
151 20.5 17.0 25.4  
153 13.2 10.5 15.7



#50  
Dimethylphthalate  
Concen: 43.967 ng  
RT: 14.016 min Scan# 1860  
Delta R.T. -0.006 min  
Lab File: BG057765.D  
Acq: 19 Jun 2023 21:47

Tgt Ion:163 Resp: 363259  
Ion Ratio Lower Upper  
163 100  
194 3.7 2.8 4.2  
164 10.6 8.2 12.4

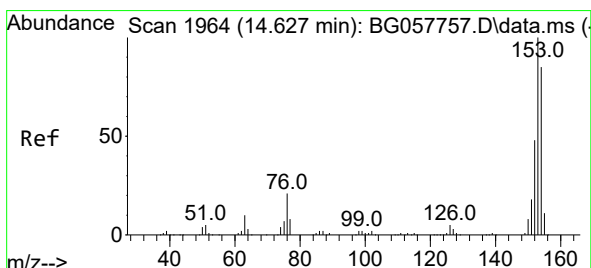
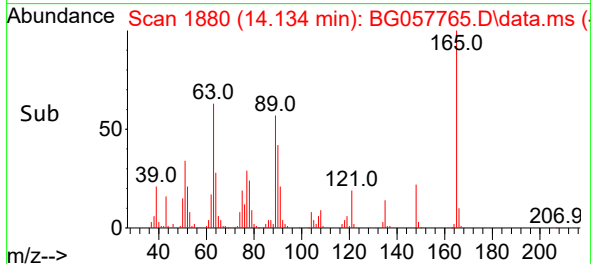
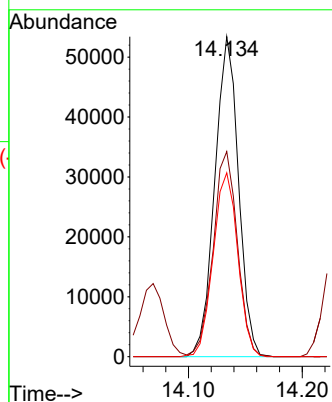
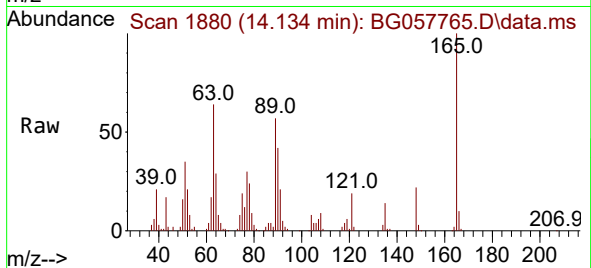




#51  
2,6-Dinitrotoluene  
Concen: 50.861 ng  
RT: 14.134 min Scan# 1880  
Delta R.T. -0.000 min  
Lab File: BG057765.D  
Acq: 19 Jun 2023 21:47

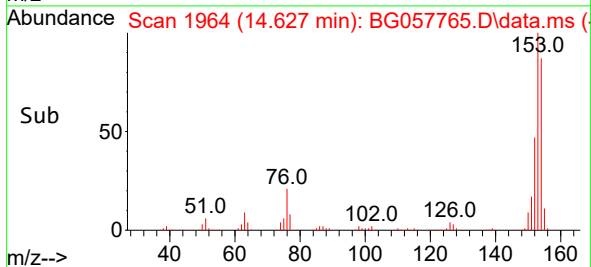
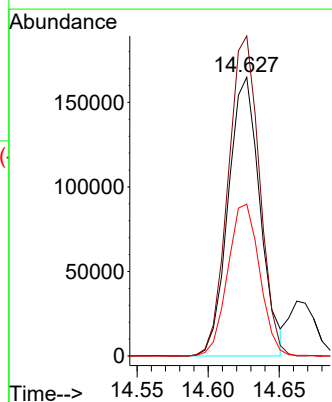
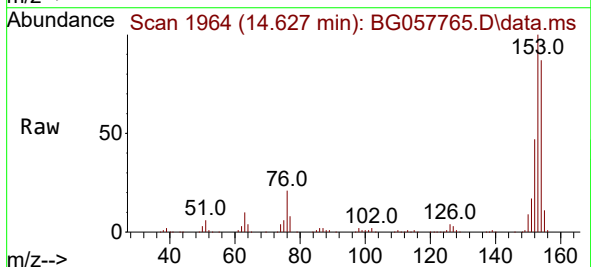
Instrument :  
BNA\_G  
ClientSampleId :  
PB153322BS

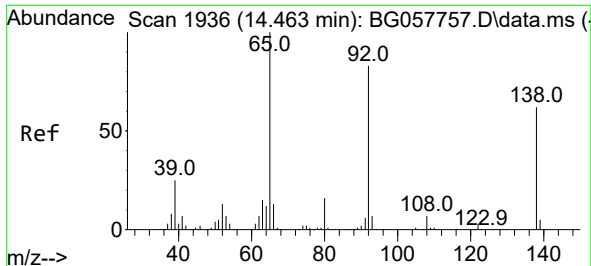
Tgt Ion:165 Resp: 77382  
Ion Ratio Lower Upper  
165 100  
63 64.1 52.8 79.2  
89 57.4 50.7 76.1



#52  
Acenaphthene  
Concen: 42.528 ng  
RT: 14.627 min Scan# 1964  
Delta R.T. -0.000 min  
Lab File: BG057765.D  
Acq: 19 Jun 2023 21:47

Tgt Ion:154 Resp: 256427  
Ion Ratio Lower Upper  
154 100  
153 114.8 93.6 140.4  
152 54.5 44.7 67.1

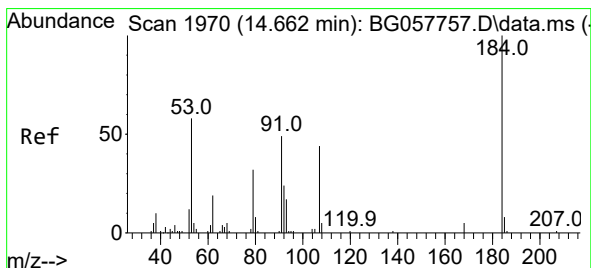
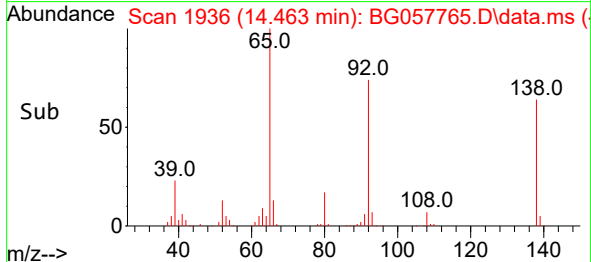
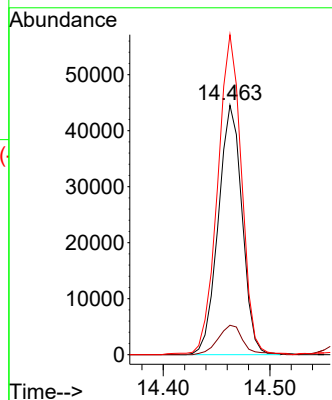
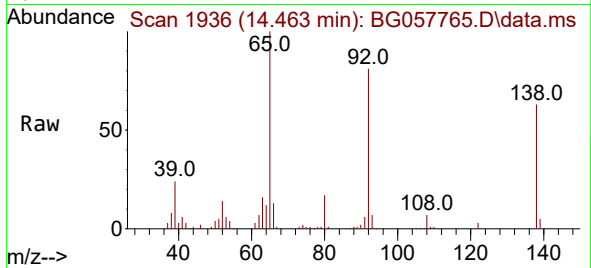




#53  
3-Nitroaniline  
Concen: 40.254 ng  
RT: 14.463 min Scan# 1936  
Delta R.T. -0.000 min  
Lab File: BG057765.D  
Acq: 19 Jun 2023 21:47

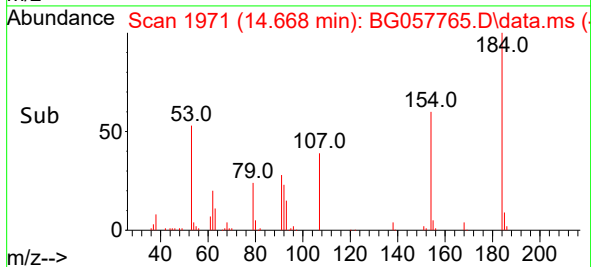
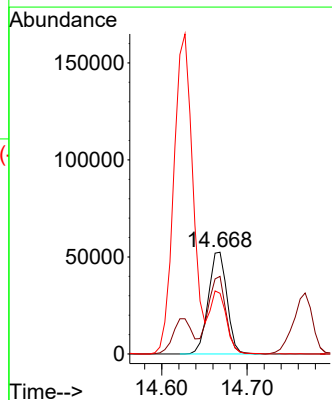
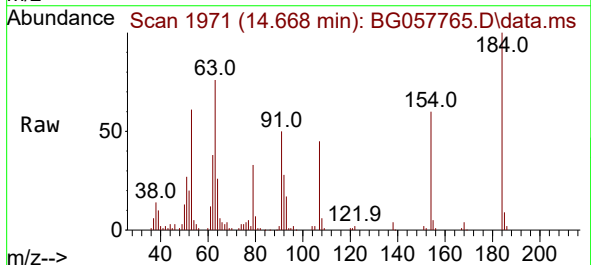
Instrument :  
BNA\_G  
ClientSampleId :  
PB153322BS

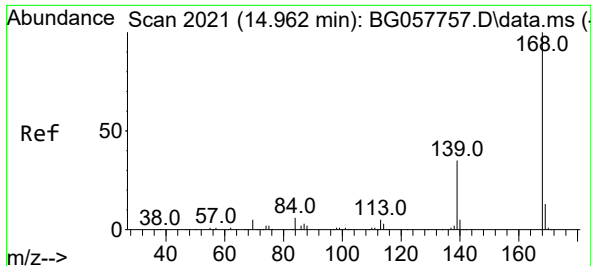
Tgt Ion:138 Resp: 69019  
Ion Ratio Lower Upper  
138 100  
108 11.8 9.1 13.7  
92 128.3 106.4 159.6



#54  
2,4-Dinitrophenol  
Concen: 96.882 ng  
RT: 14.668 min Scan# 1971  
Delta R.T. 0.006 min  
Lab File: BG057765.D  
Acq: 19 Jun 2023 21:47

Tgt Ion:184 Resp: 79432  
Ion Ratio Lower Upper  
184 100  
63 76.2 55.2 82.8  
154 59.6 47.4 71.0

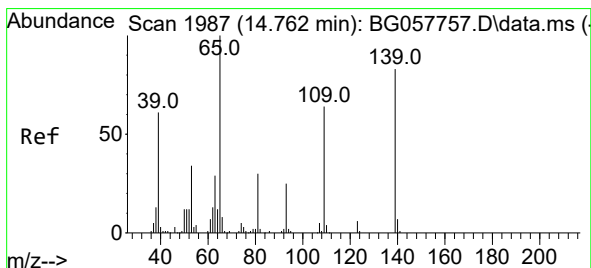
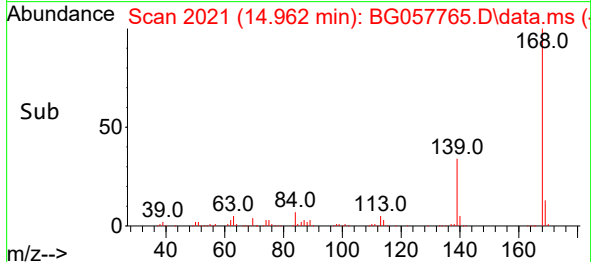
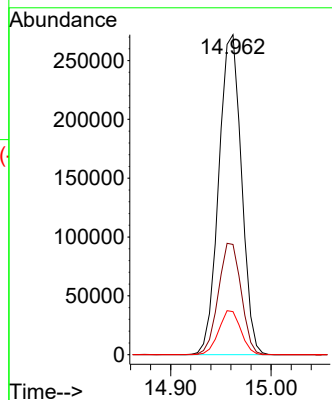
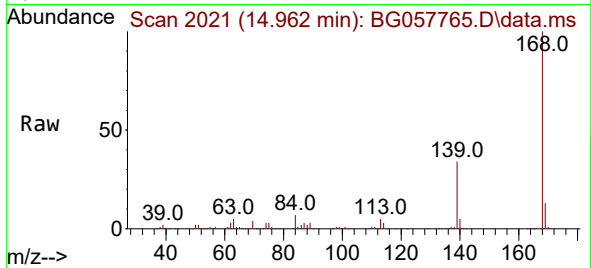




#55  
Dibenzofuran  
Concen: 43.943 ng  
RT: 14.962 min Scan# 20  
Delta R.T. -0.000 min  
Lab File: BG057765.D  
Acq: 19 Jun 2023 21:47

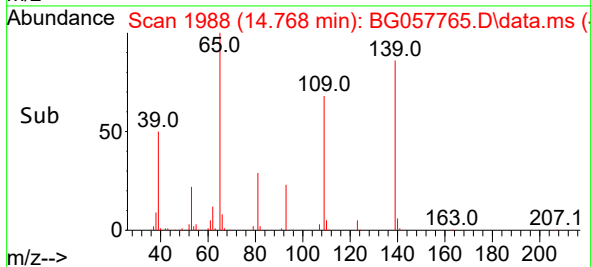
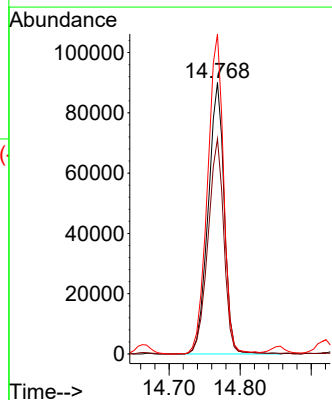
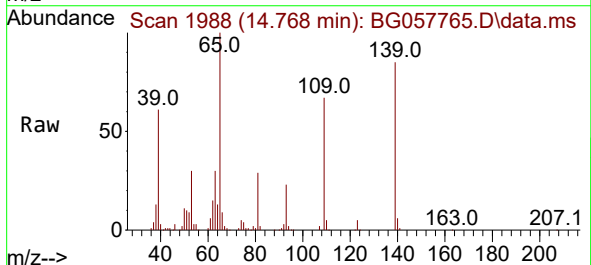
Instrument :  
BNA\_G  
ClientSampleId :  
PB153322BS

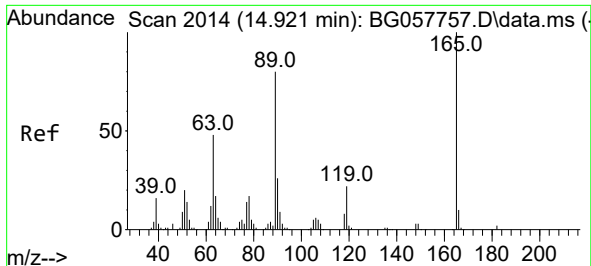
Tgt Ion:168 Resp: 426031  
Ion Ratio Lower Upper  
168 100  
139 34.5 28.1 42.1  
169 13.5 10.7 16.1



#56  
4-Nitrophenol  
Concen: 103.745 ng  
RT: 14.768 min Scan# 1988  
Delta R.T. 0.006 min  
Lab File: BG057765.D  
Acq: 19 Jun 2023 21:47

Tgt Ion:139 Resp: 141364  
Ion Ratio Lower Upper  
139 100  
109 79.3 57.3 97.3  
65 117.9 100.0 140.0

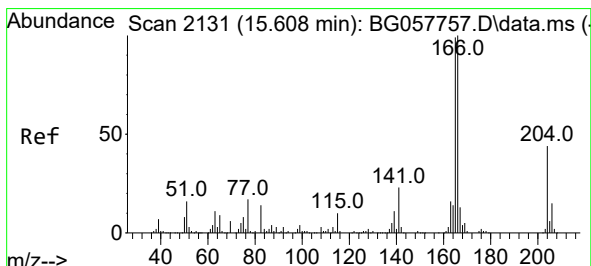
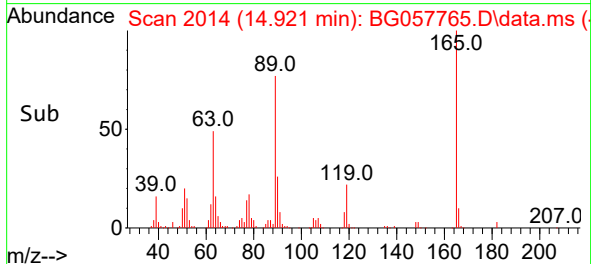
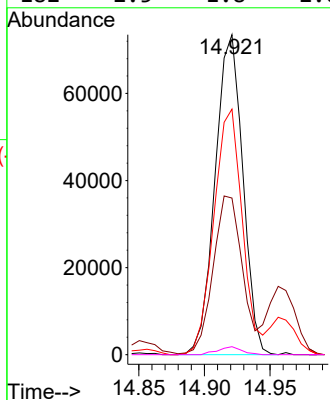
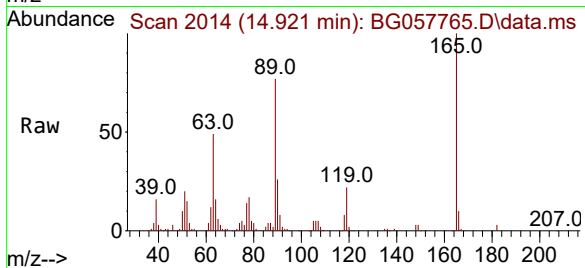




#57  
2,4-Dinitrotoluene  
Concen: 52.247 ng  
RT: 14.921 min Scan# 2014  
Delta R.T. -0.000 min  
Lab File: BG057765.D  
Acq: 19 Jun 2023 21:47

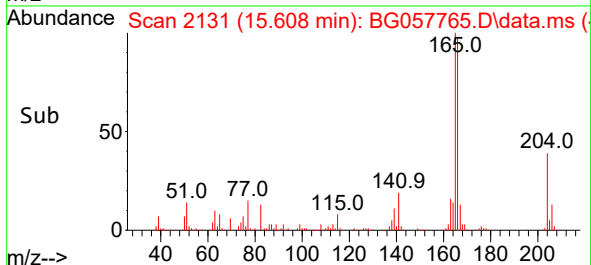
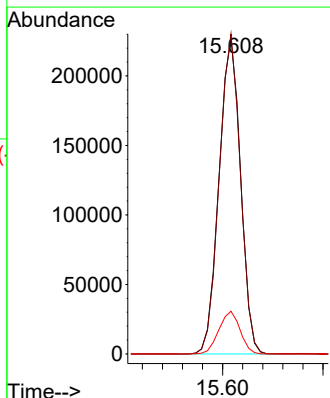
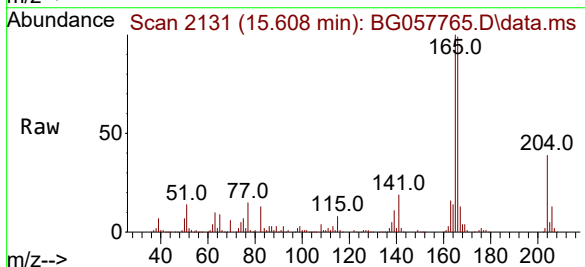
Instrument :  
BNA\_G  
ClientSampleId :  
PB153322BS

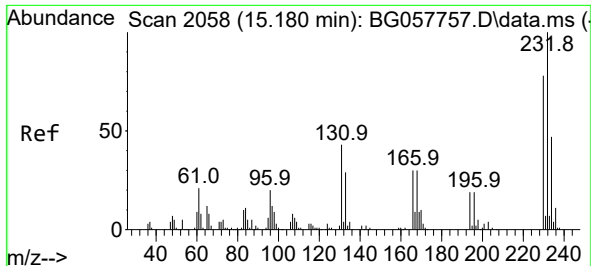
Tgt Ion:165 Resp: 107797  
Ion Ratio Lower Upper  
165 100  
63 48.9 38.6 58.0  
89 76.7 63.7 95.5  
182 2.5 1.8 2.6



#58  
Fluorene  
Concen: 44.012 ng  
RT: 15.608 min Scan# 2131  
Delta R.T. -0.000 min  
Lab File: BG057765.D  
Acq: 19 Jun 2023 21:47

Tgt Ion:166 Resp: 337772  
Ion Ratio Lower Upper  
166 100  
165 101.4 79.5 119.3  
167 13.6 10.6 16.0

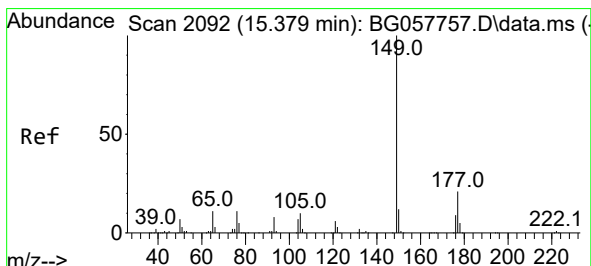
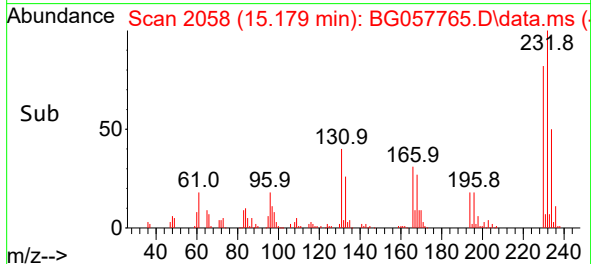
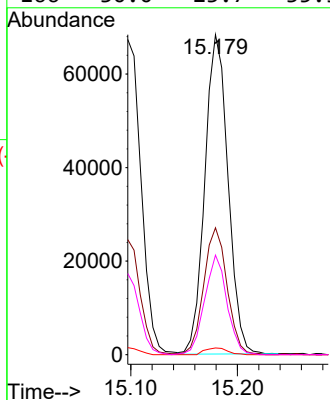
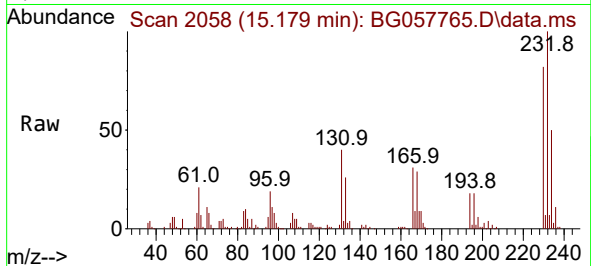




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 48.611 ng  
RT: 15.179 min Scan# 2058  
Delta R.T. -0.000 min  
Lab File: BG057765.D  
Acq: 19 Jun 2023 21:47

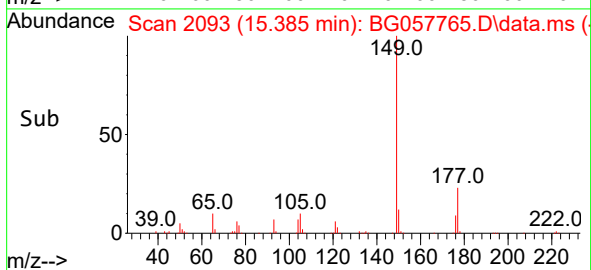
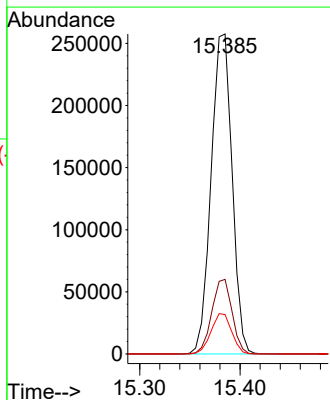
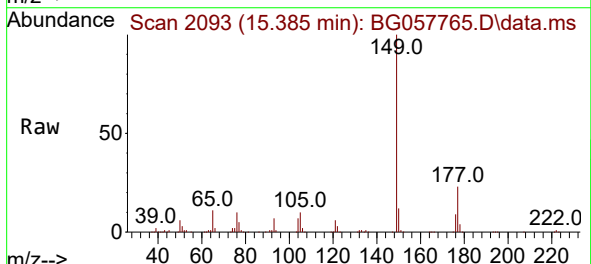
Instrument :  
BNA\_G  
ClientSampleId :  
PB153322BS

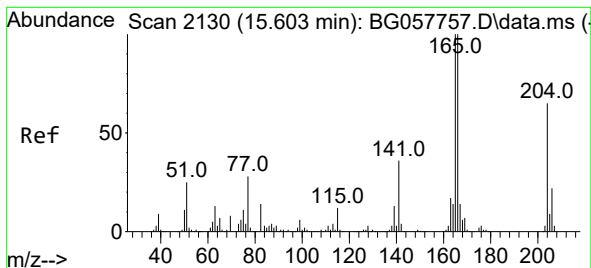
Tgt Ion:232 Resp: 103113  
Ion Ratio Lower Upper  
232 100  
131 40.2 31.9 47.9  
130 2.1 1.6 2.4  
166 30.0 23.7 35.5



#60  
Diethylphthalate  
Concen: 44.032 ng  
RT: 15.385 min Scan# 2093  
Delta R.T. 0.006 min  
Lab File: BG057765.D  
Acq: 19 Jun 2023 21:47

Tgt Ion:149 Resp: 373224  
Ion Ratio Lower Upper  
149 100  
177 23.3 17.0 25.6  
150 12.3 10.0 15.0

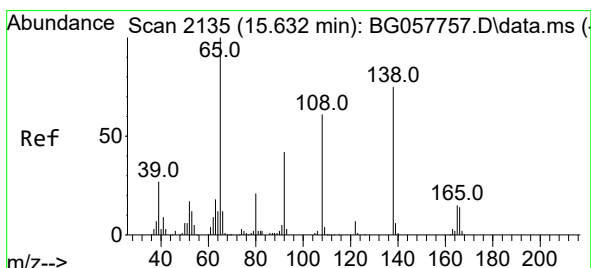
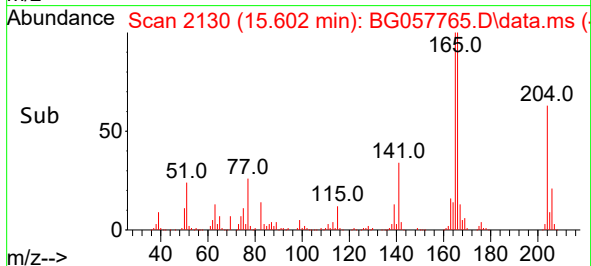
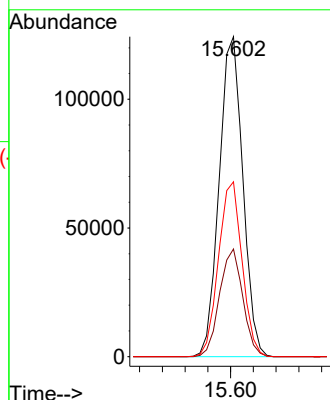
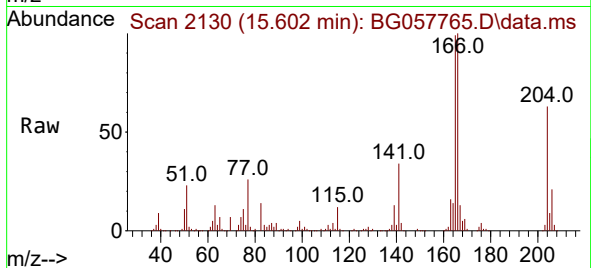




#61  
4-Chlorophenyl-phenylether  
Concen: 43.947 ng  
RT: 15.602 min Scan# 2130  
Delta R.T. -0.000 min  
Lab File: BG057765.D  
Acq: 19 Jun 2023 21:47

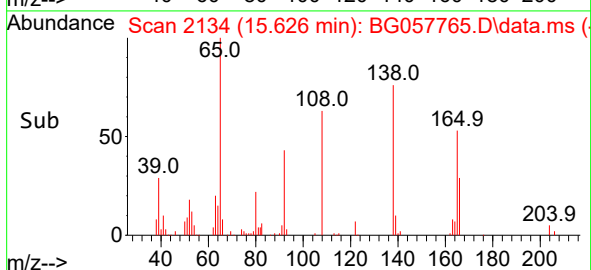
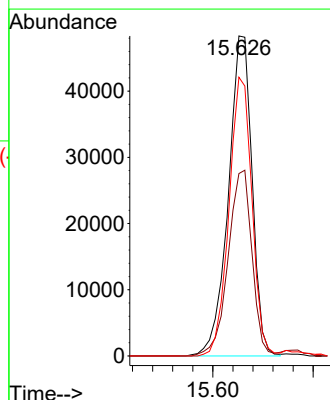
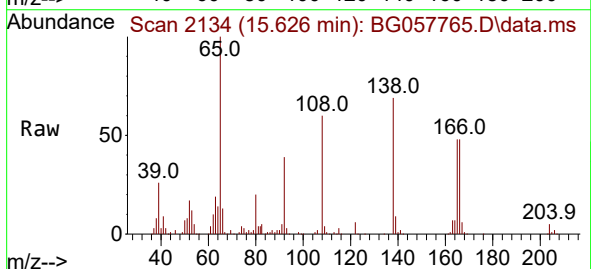
Instrument :  
BNA\_G  
ClientSampleId :  
PB153322BS

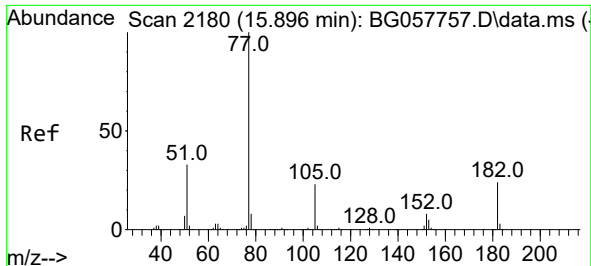
Tgt Ion:204 Resp: 179332  
Ion Ratio Lower Upper  
204 100  
206 33.6 26.9 40.3  
141 54.6 44.3 66.5



#62  
4-Nitroaniline  
Concen: 45.391 ng  
RT: 15.626 min Scan# 2134  
Delta R.T. -0.006 min  
Lab File: BG057765.D  
Acq: 19 Jun 2023 21:47

Tgt Ion:138 Resp: 79342  
Ion Ratio Lower Upper  
138 100  
92 57.0 35.9 75.9  
108 87.1 62.1 102.1

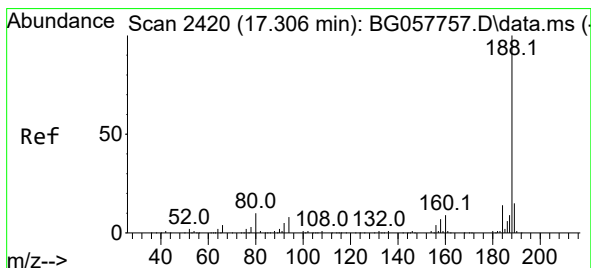
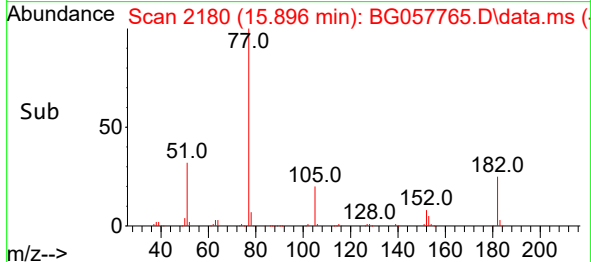
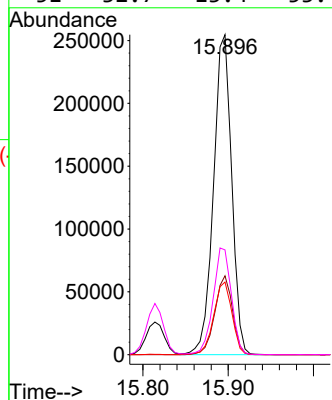
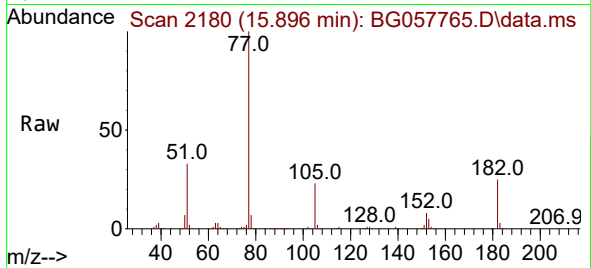




#63  
Azobenzene  
Concen: 43.460 ng  
RT: 15.896 min Scan# 2180  
Delta R.T. -0.000 min  
Lab File: BG057765.D  
Acq: 19 Jun 2023 21:47

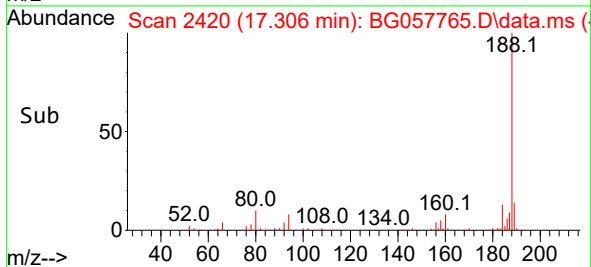
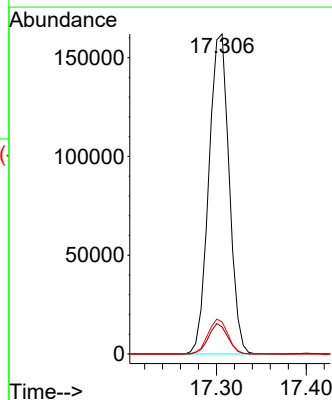
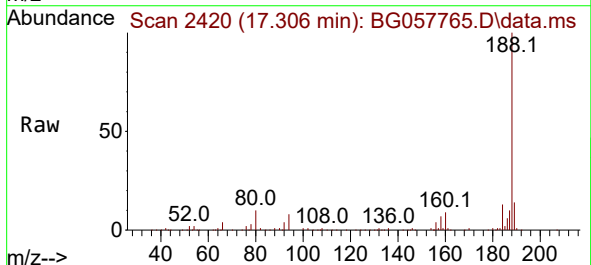
Instrument :  
BNA\_G  
ClientSampleId :  
PB153322BS

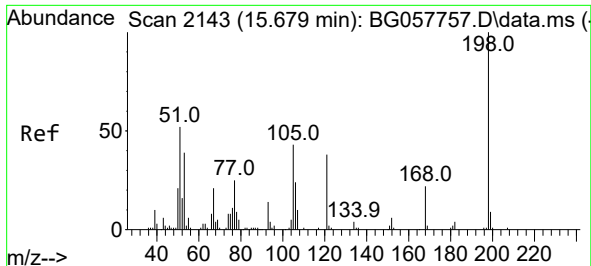
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 77    | Resp: | 376815 |
| Ion      | Ratio | Lower | Upper  |
| 77       | 100   |       |        |
| 182      | 24.6  | 4.1   | 44.1   |
| 105      | 22.7  | 3.3   | 43.3   |
| 51       | 32.7  | 13.4  | 53.4   |



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.306 min Scan# 2420  
Delta R.T. -0.000 min  
Lab File: BG057765.D  
Acq: 19 Jun 2023 21:47

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 188   | Resp: | 254445 |
| Ion      | Ratio | Lower | Upper  |
| 188      | 100   |       |        |
| 94       | 8.4   | 6.6   | 9.8    |
| 80       | 10.0  | 7.6   | 11.4   |

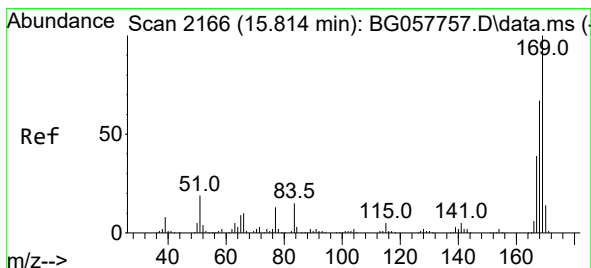
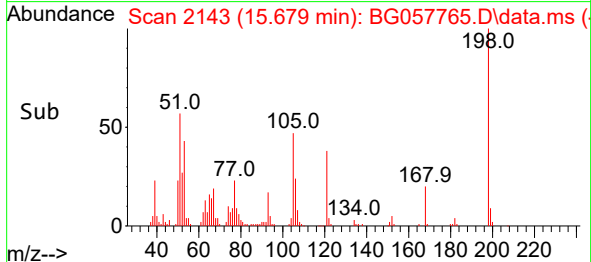
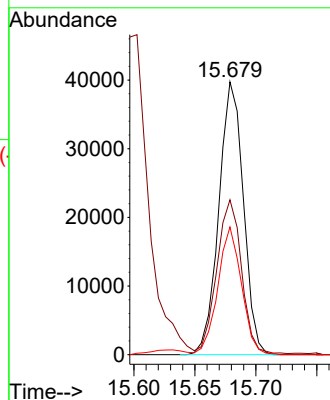
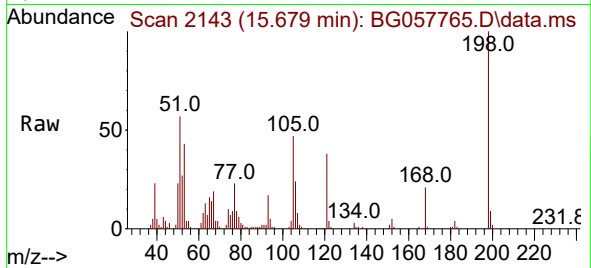




#65  
4,6-Dinitro-2-methylphenol  
Concen: 47.620 ng  
RT: 15.679 min Scan# 2143  
Delta R.T. -0.000 min  
Lab File: BG057765.D  
Acq: 19 Jun 2023 21:47

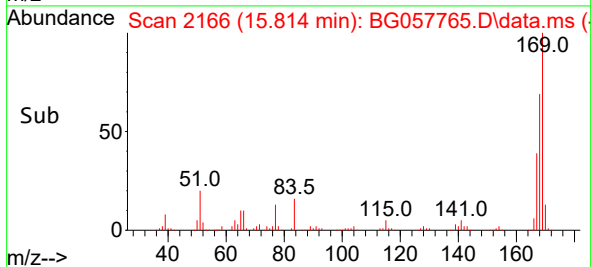
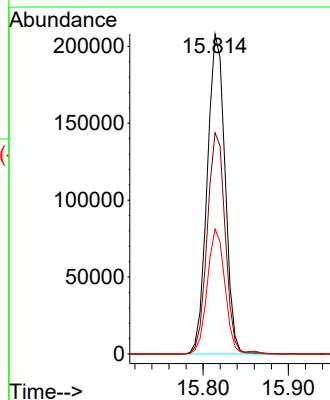
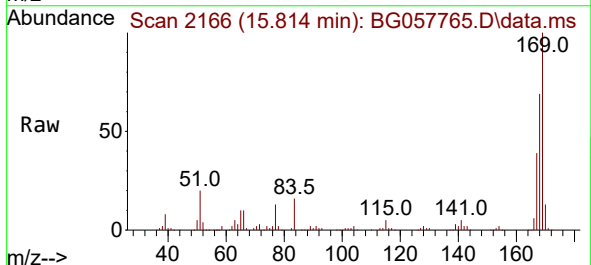
Instrument :  
BNA\_G  
ClientSampleId :  
PB153322BS

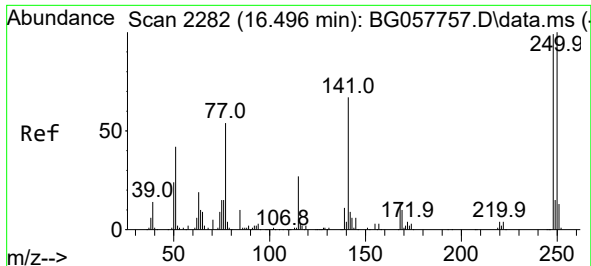
Tgt Ion:198 Resp: 55607  
Ion Ratio Lower Upper  
198 100  
51 56.8 36.6 76.6  
105 46.8 24.3 64.3



#66  
n-Nitrosodiphenylamine  
Concen: 44.853 ng  
RT: 15.814 min Scan# 2166  
Delta R.T. -0.000 min  
Lab File: BG057765.D  
Acq: 19 Jun 2023 21:47

Tgt Ion:169 Resp: 301211  
Ion Ratio Lower Upper  
169 100  
168 69.1 53.4 80.2  
167 39.0 31.2 46.8

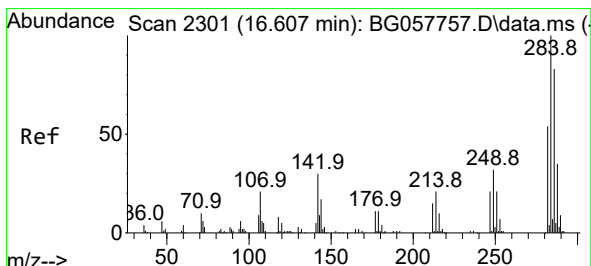
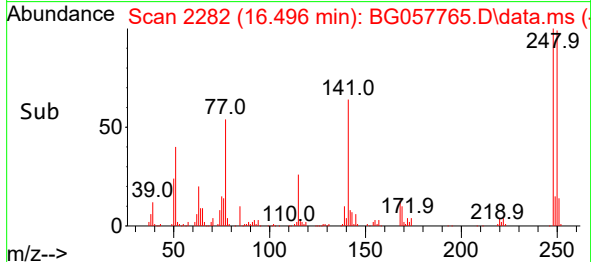
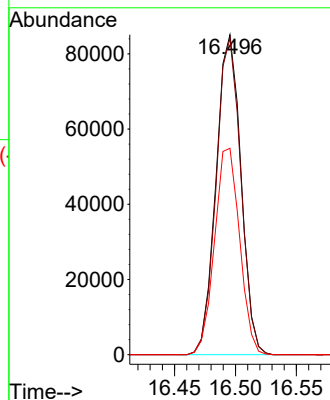
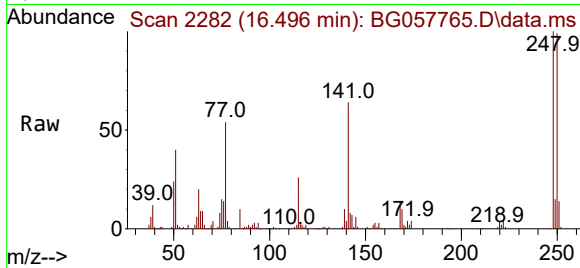




#67  
4-Bromophenyl-phenylether  
Concen: 44.781 ng  
RT: 16.496 min Scan# 211  
Delta R.T. -0.000 min  
Lab File: BG057765.D  
Acq: 19 Jun 2023 21:47

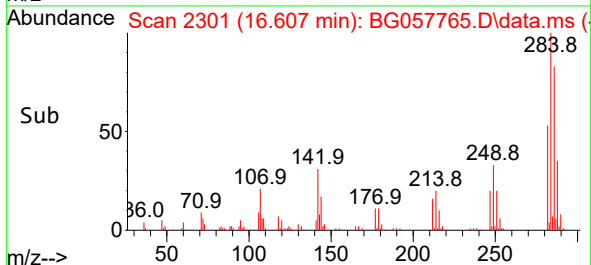
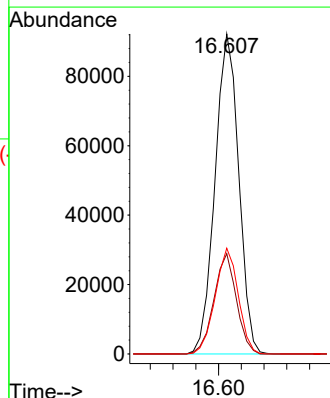
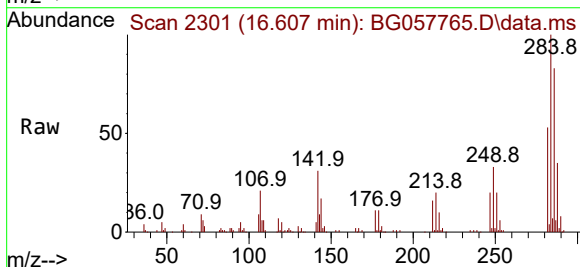
Instrument :  
BNA\_G  
ClientSampleId :  
PB153322BS

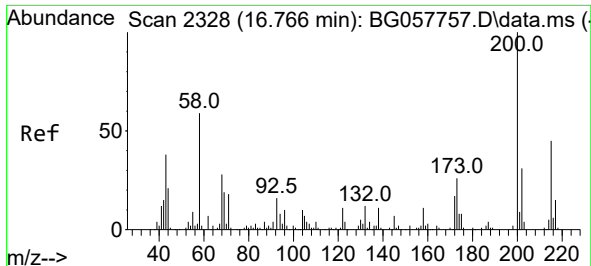
Tgt Ion:248 Resp: 120839  
Ion Ratio Lower Upper  
248 100  
250 98.9 81.1 121.7  
141 64.5 54.6 81.8



#68  
Hexachlorobenzene  
Concen: 48.489 ng  
RT: 16.607 min Scan# 2301  
Delta R.T. -0.000 min  
Lab File: BG057765.D  
Acq: 19 Jun 2023 21:47

Tgt Ion:284 Resp: 133390  
Ion Ratio Lower Upper  
284 100  
142 31.3 24.2 36.4  
249 33.0 25.9 38.9

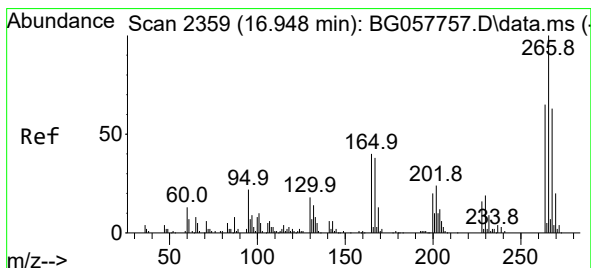
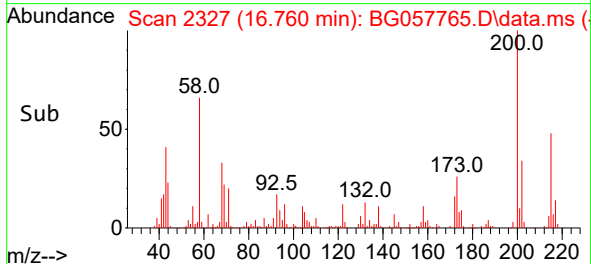
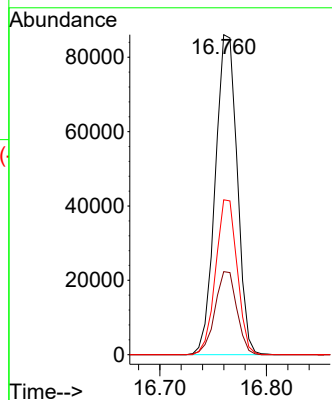
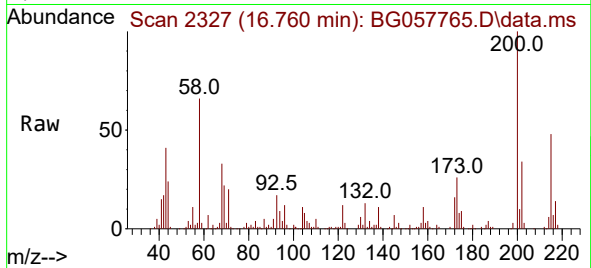




#69  
 Atrazine  
 Concen: 53.223 ng  
 RT: 16.760 min Scan# 21  
 Delta R.T. -0.006 min  
 Lab File: BG057765.D  
 Acq: 19 Jun 2023 21:47

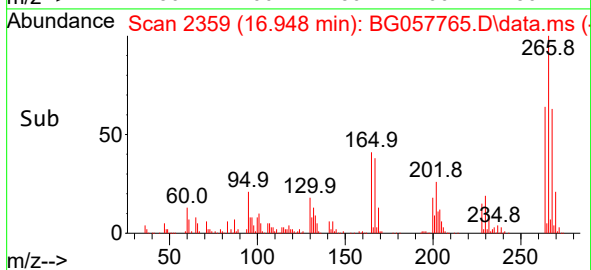
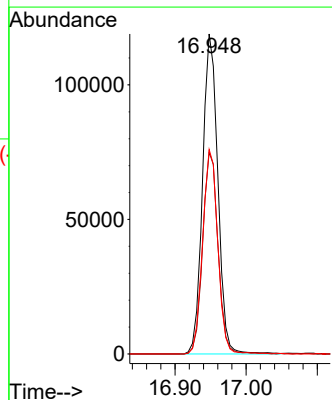
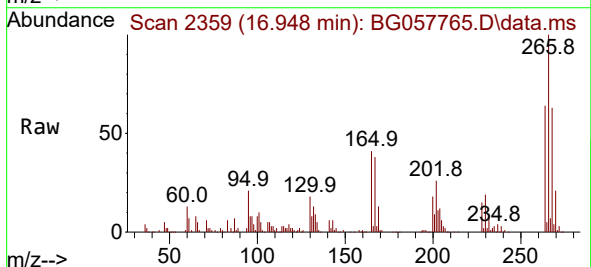
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB153322BS

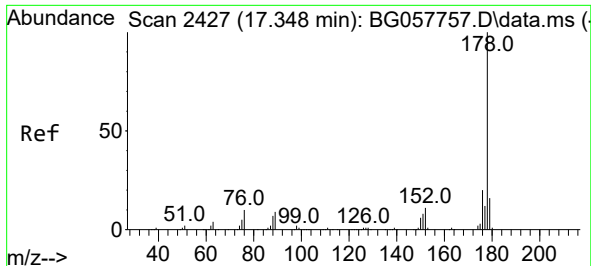
Tgt Ion:200 Resp: 122694  
 Ion Ratio Lower Upper  
 200 100  
 173 26.0 5.6 45.6  
 215 48.4 24.6 64.6



#70  
 Pentachlorophenol  
 Concen: 87.543 ng  
 RT: 16.948 min Scan# 2359  
 Delta R.T. -0.000 min  
 Lab File: BG057765.D  
 Acq: 19 Jun 2023 21:47

Tgt Ion:266 Resp: 177915  
 Ion Ratio Lower Upper  
 266 100  
 268 63.0 50.5 75.7  
 264 63.9 51.8 77.6

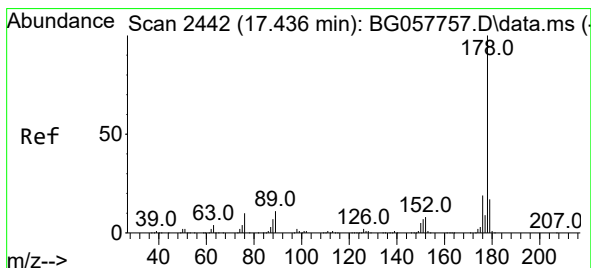
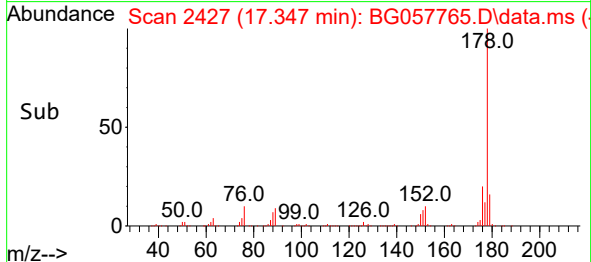
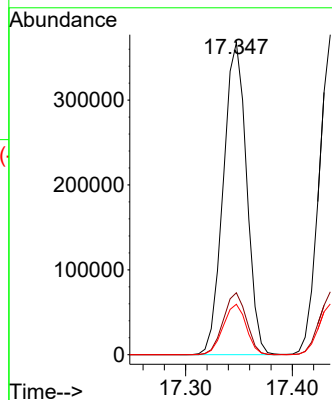
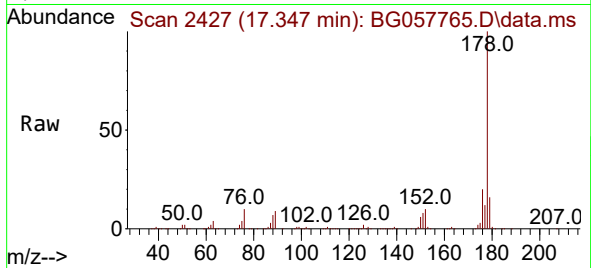




#71  
Phenanthrene  
Concen: 45.296 ng  
RT: 17.347 min Scan# 2427  
Delta R.T. -0.000 min  
Lab File: BG057765.D  
Acq: 19 Jun 2023 21:47

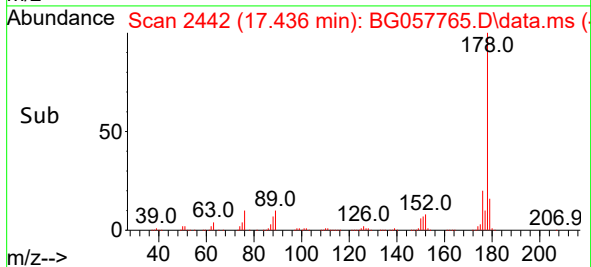
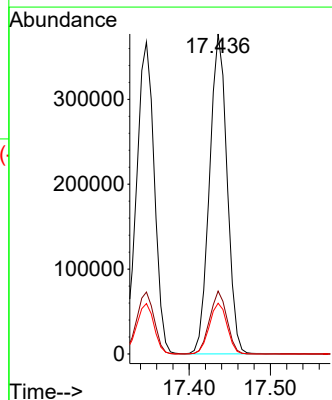
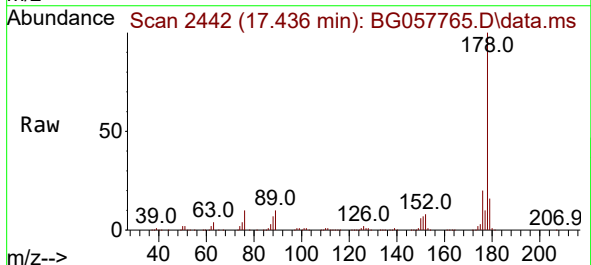
Instrument :  
BNA\_G  
ClientSampleId :  
PB153322BS

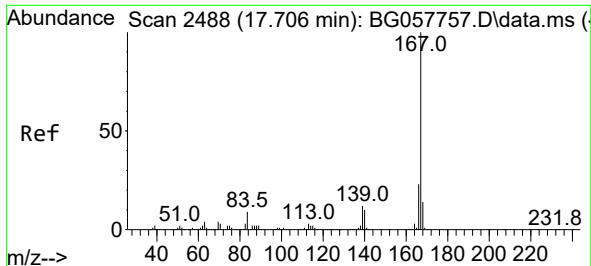
Tgt Ion:178 Resp: 558036  
Ion Ratio Lower Upper  
178 100  
176 19.9 16.3 24.5  
179 16.2 13.0 19.6



#72  
Anthracene  
Concen: 44.847 ng  
RT: 17.436 min Scan# 2442  
Delta R.T. -0.000 min  
Lab File: BG057765.D  
Acq: 19 Jun 2023 21:47

Tgt Ion:178 Resp: 564179  
Ion Ratio Lower Upper  
178 100  
176 19.7 15.4 23.0  
179 15.8 13.3 19.9

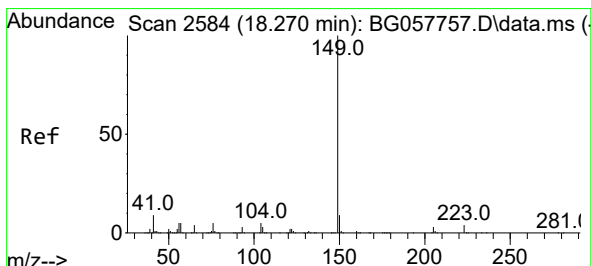
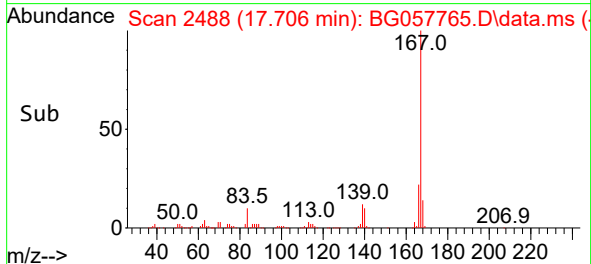
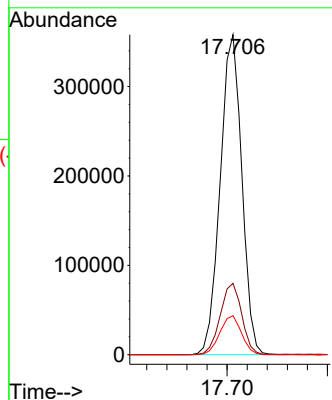
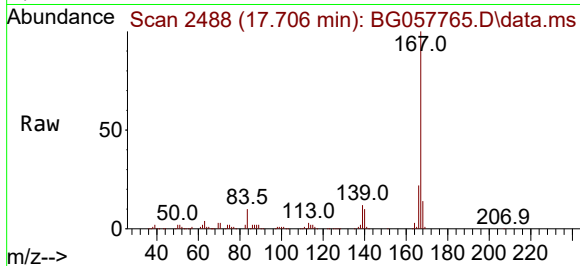




#73  
 Carbazole  
 Concen: 46.071 ng  
 RT: 17.706 min Scan# 2488  
 Delta R.T. -0.000 min  
 Lab File: BG057765.D  
 Acq: 19 Jun 2023 21:47

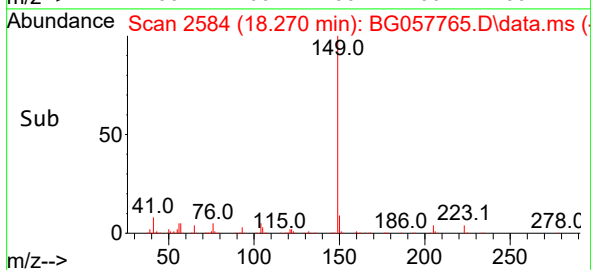
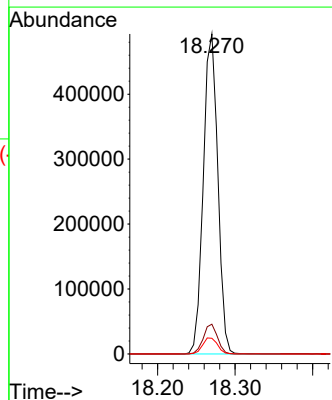
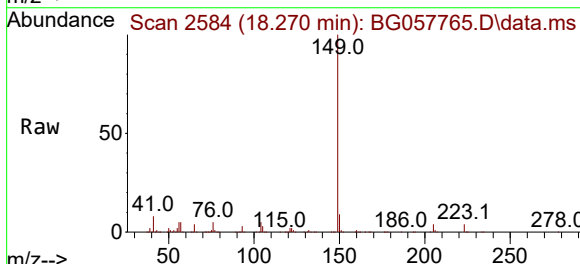
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB153322BS

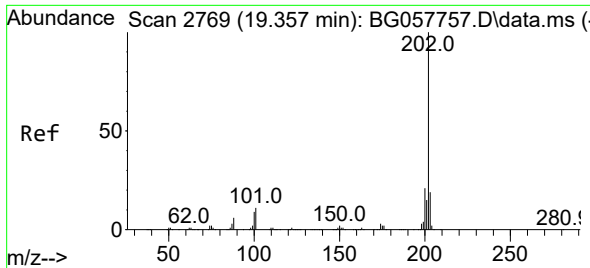
Tgt Ion:167 Resp: 534382  
 Ion Ratio Lower Upper  
 167 100  
 166 22.3 18.4 27.6  
 139 12.2 9.9 14.9



#74  
 Di-n-butylphthalate  
 Concen: 46.500 ng  
 RT: 18.270 min Scan# 2584  
 Delta R.T. -0.000 min  
 Lab File: BG057765.D  
 Acq: 19 Jun 2023 21:47

Tgt Ion:149 Resp: 638641  
 Ion Ratio Lower Upper  
 149 100  
 150 9.3 7.5 11.3  
 104 4.9 4.1 6.1

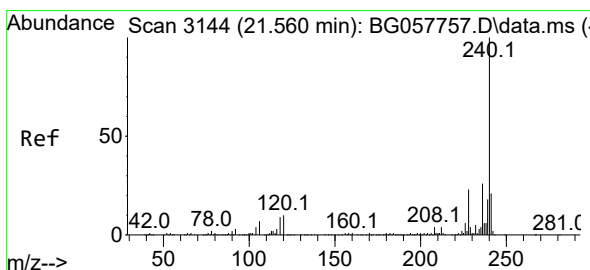
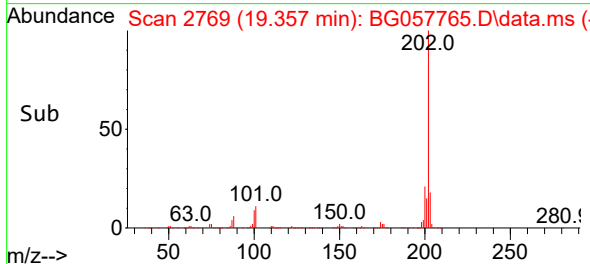
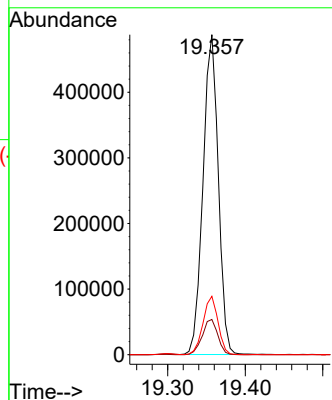
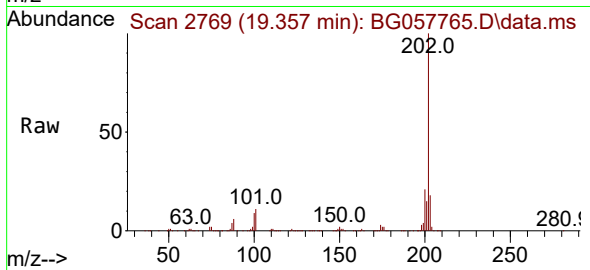




#75  
Fluoranthene  
Concen: 45.430 ng  
RT: 19.357 min Scan# 2769  
Delta R.T. -0.000 min  
Lab File: BG057765.D  
Acq: 19 Jun 2023 21:47

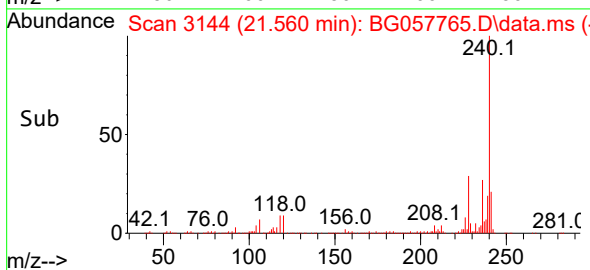
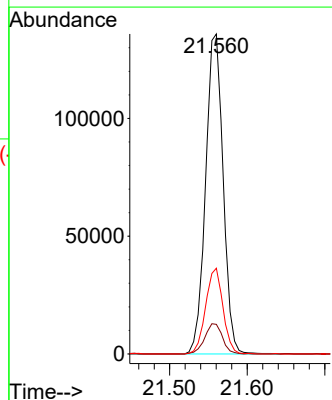
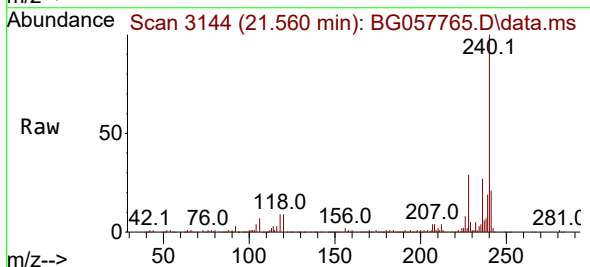
Instrument :  
BNA\_G  
ClientSampleId :  
PB153322BS

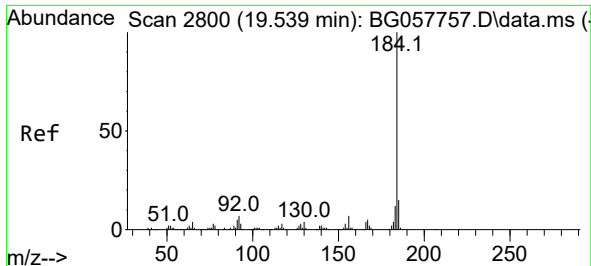
Tgt Ion:202 Resp: 666749  
Ion Ratio Lower Upper  
202 100  
101 11.0 0.0 31.3  
203 18.3 0.0 38.7



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.560 min Scan# 3144  
Delta R.T. -0.000 min  
Lab File: BG057765.D  
Acq: 19 Jun 2023 21:47

Tgt Ion:240 Resp: 213078  
Ion Ratio Lower Upper  
240 100  
120 9.2 8.1 12.1  
236 26.8 20.6 30.8

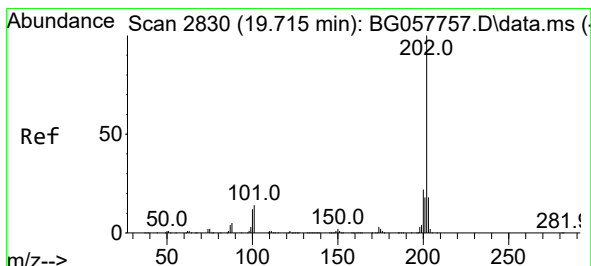
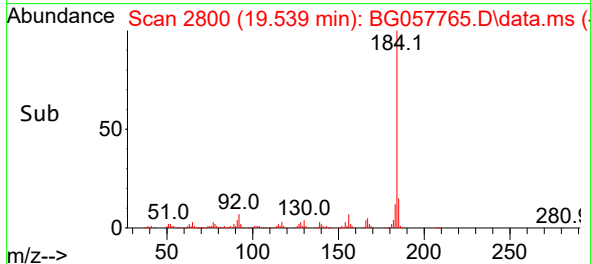
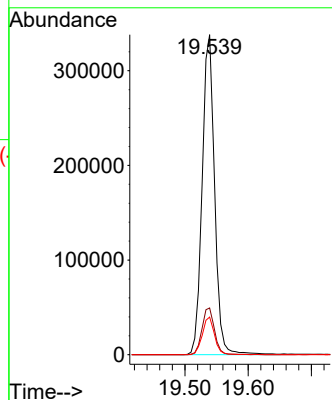
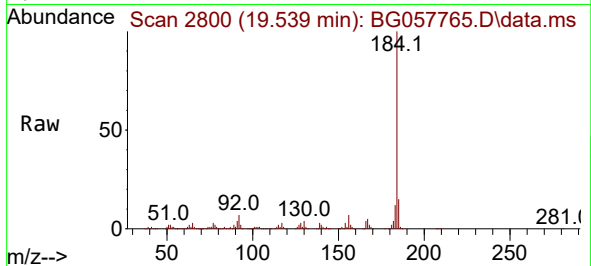




#77  
Benzidine  
Concen: 92.537 ng  
RT: 19.539 min Scan# 2800  
Delta R.T. -0.000 min  
Lab File: BG057765.D  
Acq: 19 Jun 2023 21:47

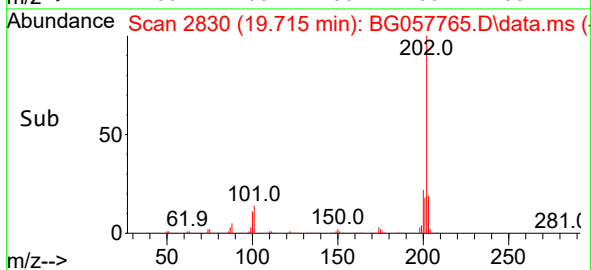
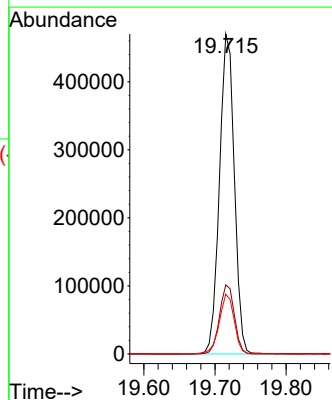
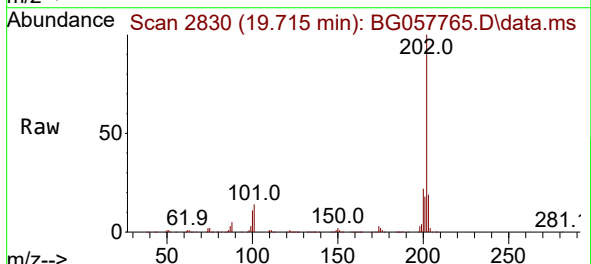
Instrument :  
BNA\_G  
ClientSampleId :  
PB153322BS

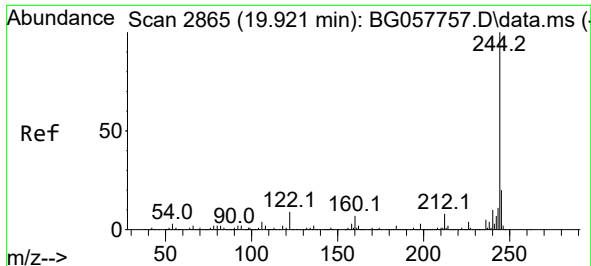
Tgt Ion:184 Resp: 462200  
Ion Ratio Lower Upper  
184 100  
185 14.6 12.0 18.0  
183 11.7 9.4 14.0



#78  
Pyrene  
Concen: 44.733 ng  
RT: 19.715 min Scan# 2830  
Delta R.T. -0.000 min  
Lab File: BG057765.D  
Acq: 19 Jun 2023 21:47

Tgt Ion:202 Resp: 679938  
Ion Ratio Lower Upper  
202 100  
200 21.6 17.4 26.0  
203 18.7 14.6 22.0

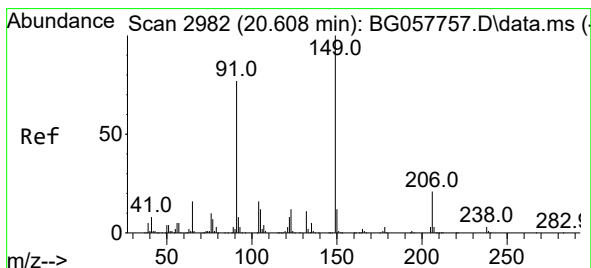
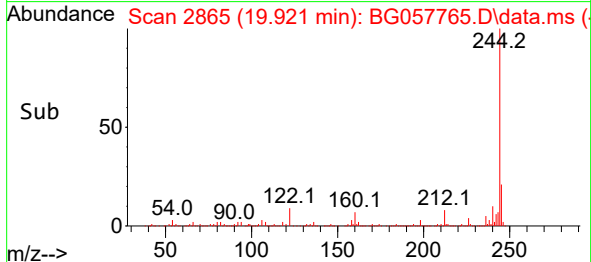
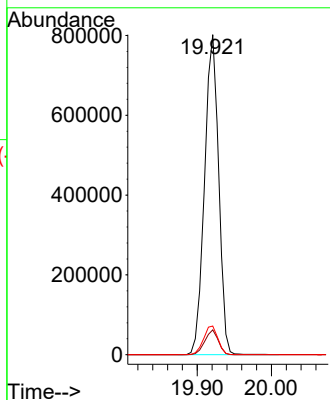
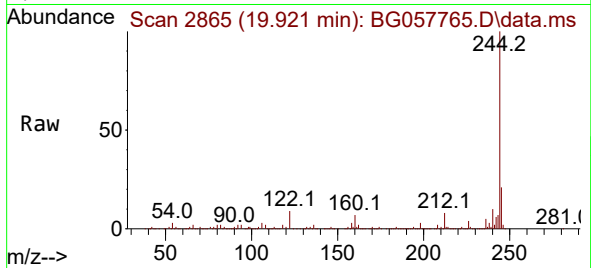




#79  
 Terphenyl-d14  
 Concen: 92.788 ng  
 RT: 19.921 min Scan# 2865  
 Delta R.T. -0.000 min  
 Lab File: BG057765.D  
 Acq: 19 Jun 2023 21:47

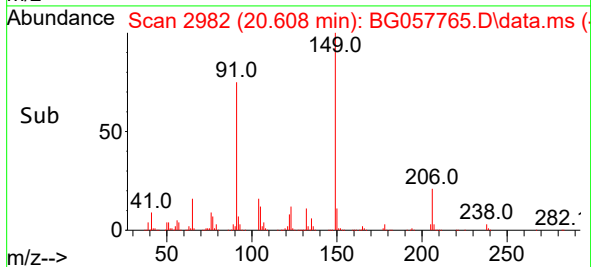
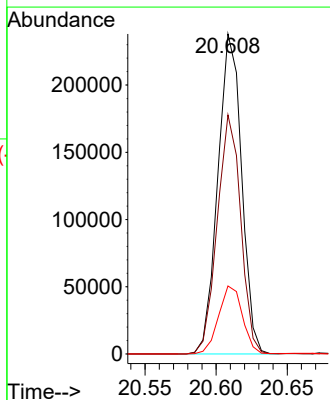
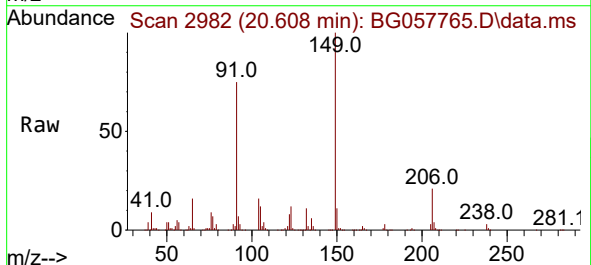
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB153322BS

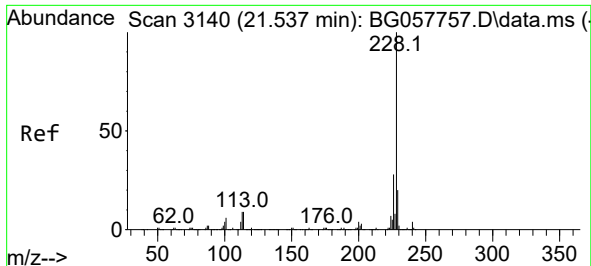
Tgt Ion:244 Resp: 1060296  
 Ion Ratio Lower Upper  
 244 100  
 212 7.7 6.1 9.1  
 122 9.0 7.6 11.4



#80  
 Butylbenzylphthalate  
 Concen: 47.800 ng  
 RT: 20.608 min Scan# 2982  
 Delta R.T. -0.000 min  
 Lab File: BG057765.D  
 Acq: 19 Jun 2023 21:47

Tgt Ion:149 Resp: 276388  
 Ion Ratio Lower Upper  
 149 100  
 91 74.7 61.7 92.5  
 206 21.2 16.6 24.8

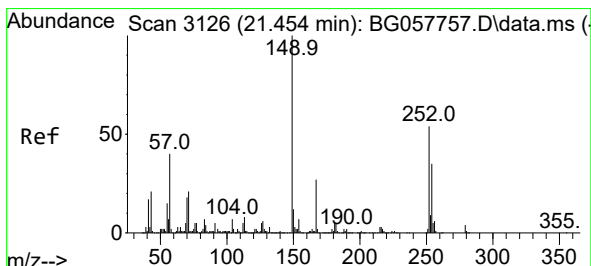
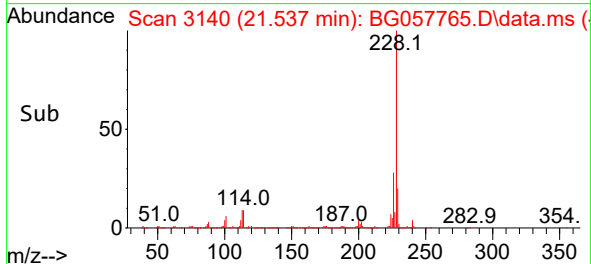
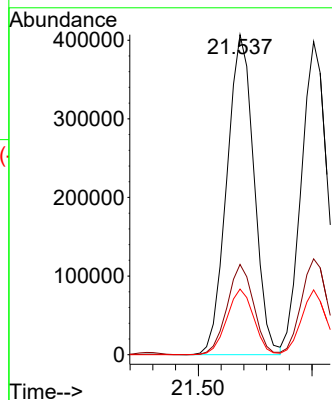
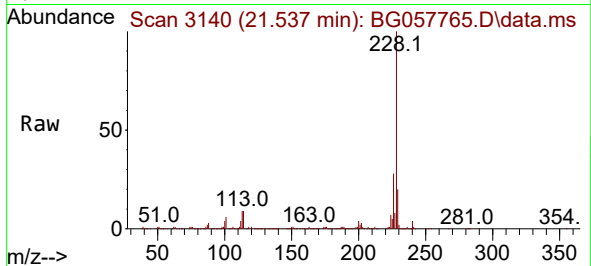




#81  
Benzo(a)anthracene  
Concen: 46.294 ng  
RT: 21.537 min Scan# 3140  
Delta R.T. -0.000 min  
Lab File: BG057765.D  
Acq: 19 Jun 2023 21:47

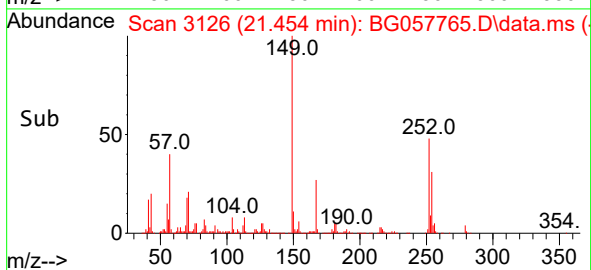
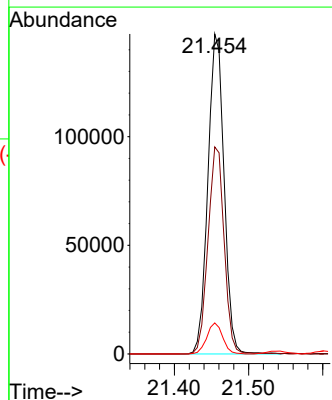
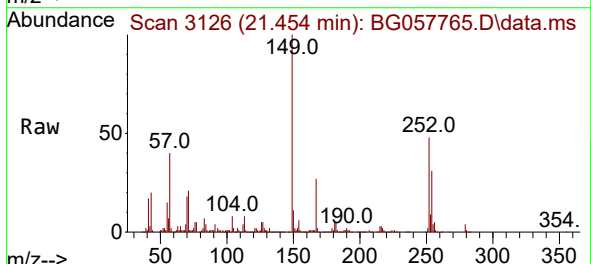
Instrument :  
BNA\_G  
ClientSampleId :  
PB153322BS

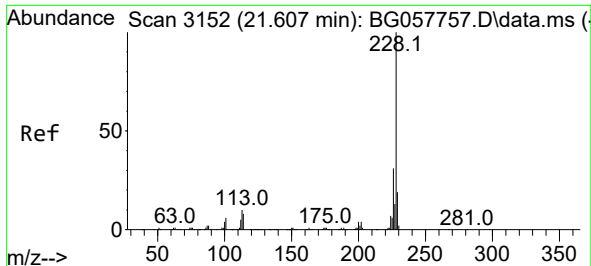
Tgt Ion:228 Resp: 676778  
Ion Ratio Lower Upper  
228 100  
226 28.2 22.3 33.5  
229 20.5 16.3 24.5



#82  
3,3'-Dichlorobenzidine  
Concen: 44.877 ng  
RT: 21.454 min Scan# 3126  
Delta R.T. -0.000 min  
Lab File: BG057765.D  
Acq: 19 Jun 2023 21:47

Tgt Ion:252 Resp: 223140  
Ion Ratio Lower Upper  
252 100  
254 64.7 51.0 76.6  
126 9.7 7.0 10.6





#83

Chrysene

Concen: 44.791 ng

RT: 21.601 min Scan# 3151

Delta R.T. -0.006 min

Lab File: BG057765.D

Acq: 19 Jun 2023 21:47

Instrument :

BNA\_G

ClientSampleId :

PB153322BS

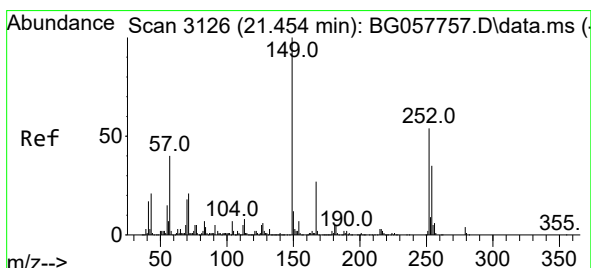
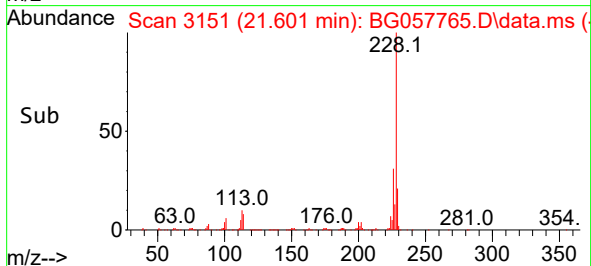
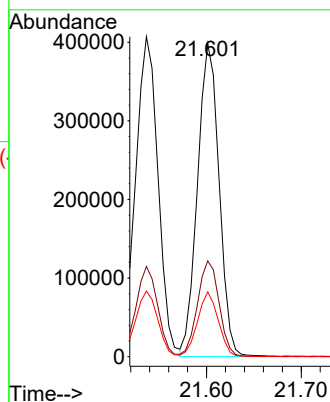
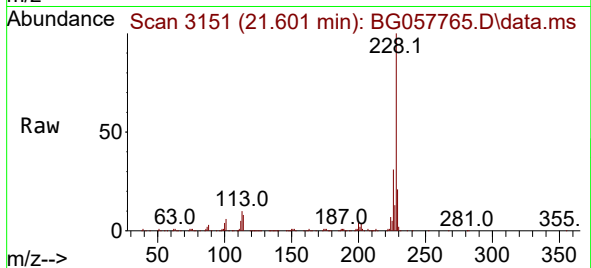
Tgt Ion:228 Resp: 628406

Ion Ratio Lower Upper

228 100

226 30.6 24.8 37.2

229 20.7 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.641 ng

RT: 21.454 min Scan# 3126

Delta R.T. -0.000 min

Lab File: BG057765.D

Acq: 19 Jun 2023 21:47

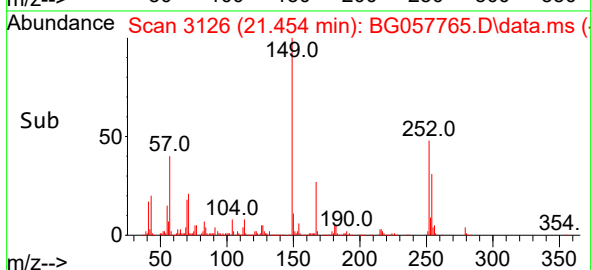
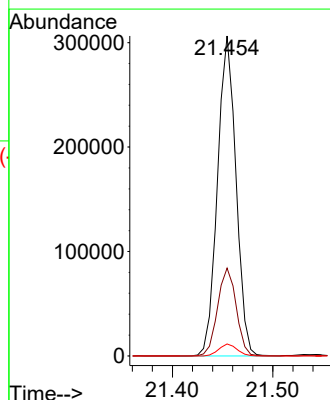
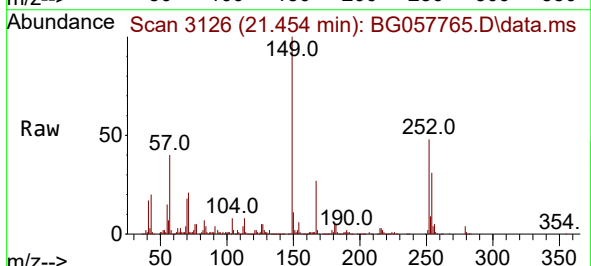
Tgt Ion:149 Resp: 391557

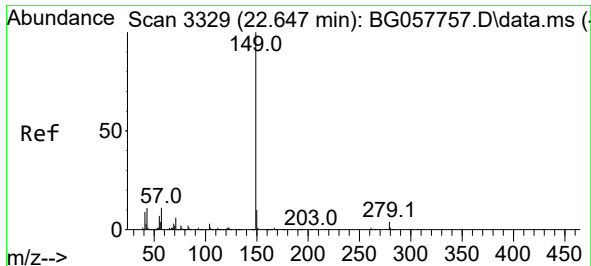
Ion Ratio Lower Upper

149 100

167 27.4 21.8 32.8

279 3.8 2.9 4.3

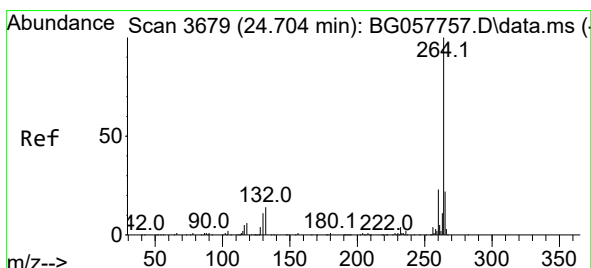
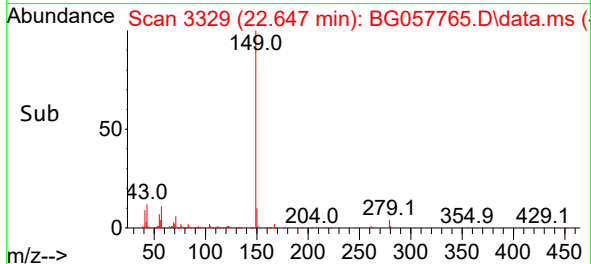
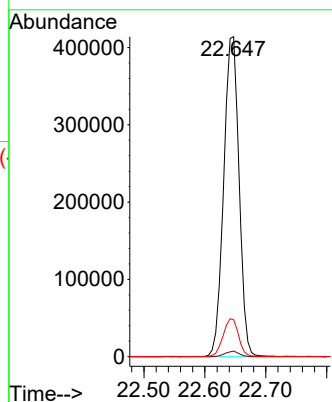
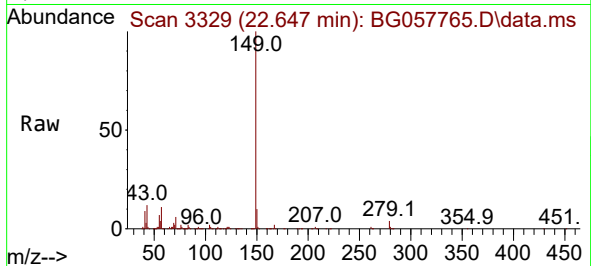




#85  
Di-n-octyl phthalate  
Concen: 49.278 ng  
RT: 22.647 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: BG057765.D  
Acq: 19 Jun 2023 21:47

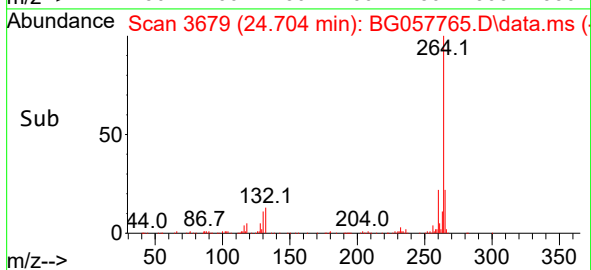
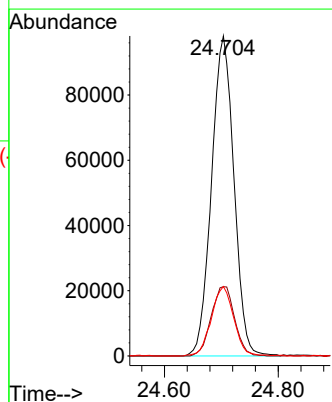
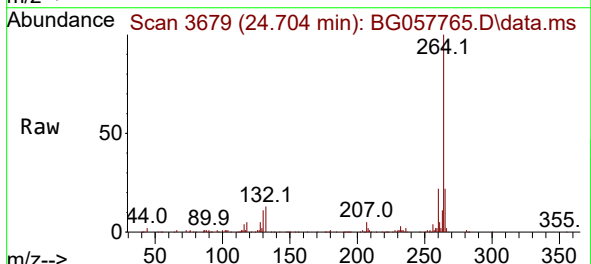
Instrument :  
BNA\_G  
ClientSampleId :  
PB153322BS

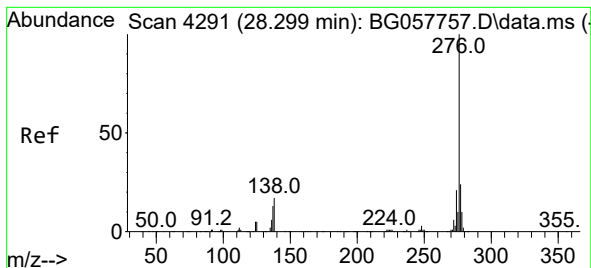
Tgt Ion:149 Resp: 725608  
Ion Ratio Lower Upper  
149 100  
167 1.6 1.2 1.8  
43 11.8 9.6 14.4



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 24.704 min Scan# 3679  
Delta R.T. -0.000 min  
Lab File: BG057765.D  
Acq: 19 Jun 2023 21:47

Tgt Ion:264 Resp: 268481  
Ion Ratio Lower Upper  
264 100  
260 21.6 18.5 27.7  
265 21.7 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 48.013 ng

RT: 28.299 min Scan# 4291

Delta R.T. -0.000 min

Lab File: BG057765.D

Acq: 19 Jun 2023 21:47

Instrument :

BNA\_G

ClientSampleId :

PB153322BS

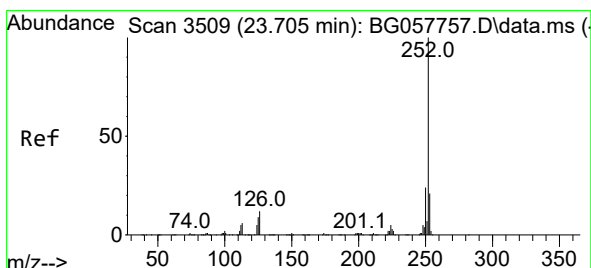
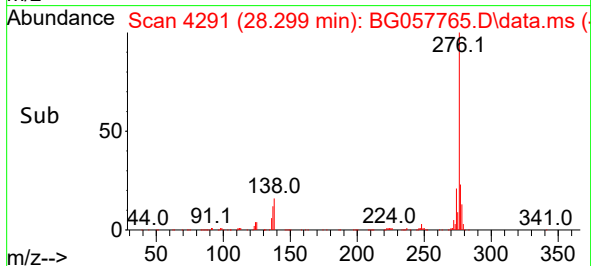
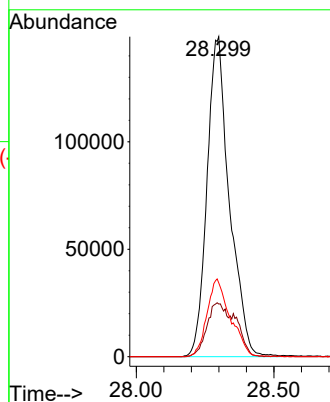
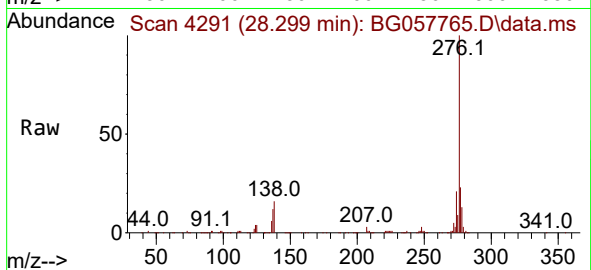
Tgt Ion:276 Resp: 842806

Ion Ratio Lower Upper

276 100

138 14.6 11.3 16.9

277 25.3 20.4 30.6



#88

Benzo(b)fluoranthene

Concen: 49.074 ng

RT: 23.705 min Scan# 3509

Delta R.T. -0.000 min

Lab File: BG057765.D

Acq: 19 Jun 2023 21:47

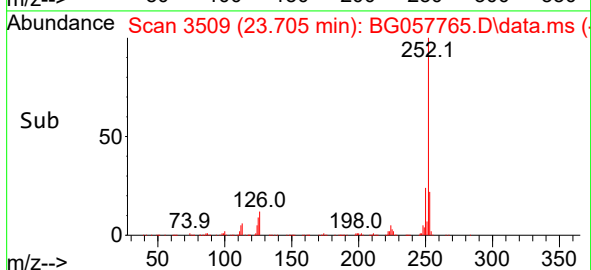
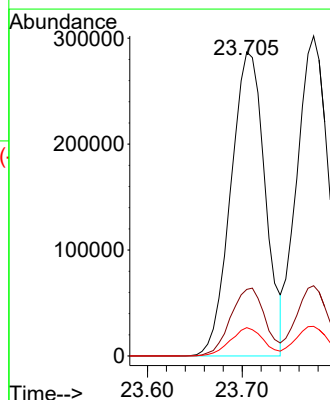
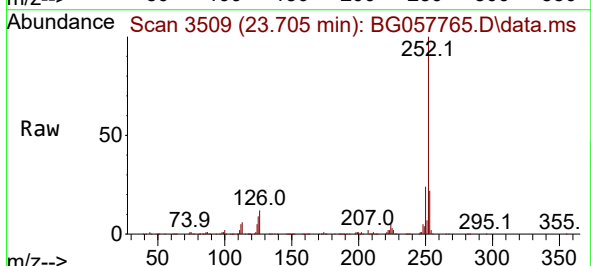
Tgt Ion:252 Resp: 722001

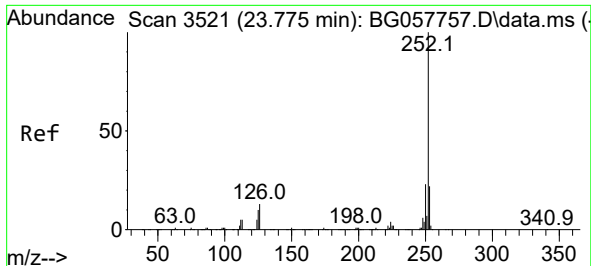
Ion Ratio Lower Upper

252 100

253 21.9 17.1 25.7

125 9.3 7.4 11.0





#89

Benzo(k)fluoranthene

Concen: 46.649 ng

RT: 23.775 min Scan# 3521

Delta R.T. -0.000 min

Lab File: BG057765.D

Acq: 19 Jun 2023 21:47

Instrument :

BNA\_G

ClientSampleId :

PB153322BS

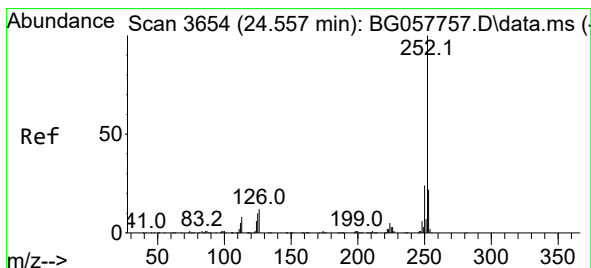
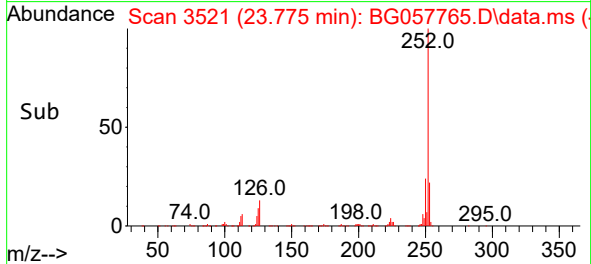
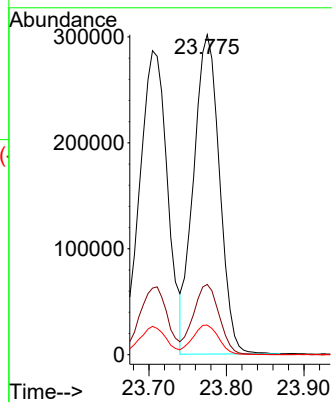
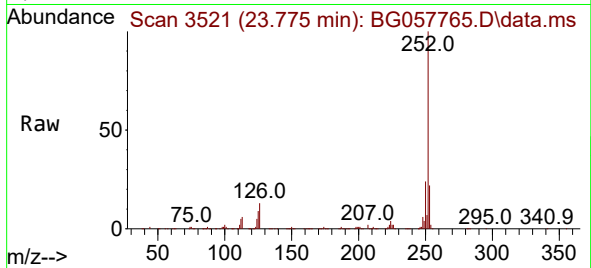
Tgt Ion:252 Resp: 698993

Ion Ratio Lower Upper

252 100

253 21.9 18.0 27.0

125 9.3 7.6 11.4



#90

Benzo(a)pyrene

Concen: 44.068 ng

RT: 24.557 min Scan# 3654

Delta R.T. -0.000 min

Lab File: BG057765.D

Acq: 19 Jun 2023 21:47

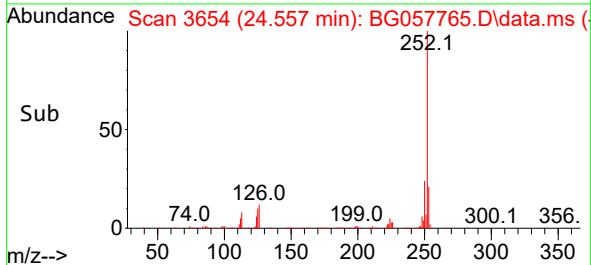
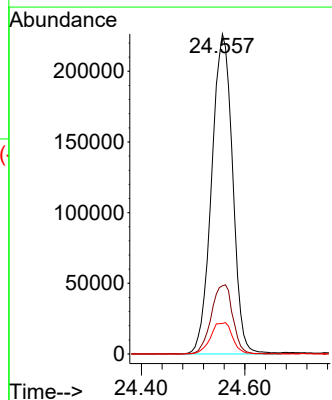
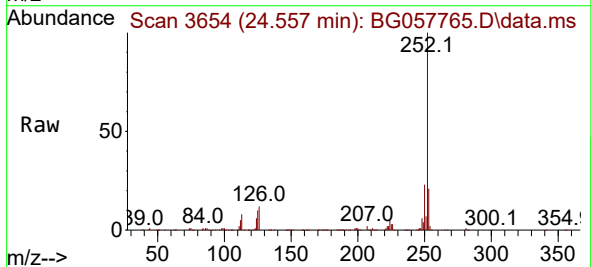
Tgt Ion:252 Resp: 636747

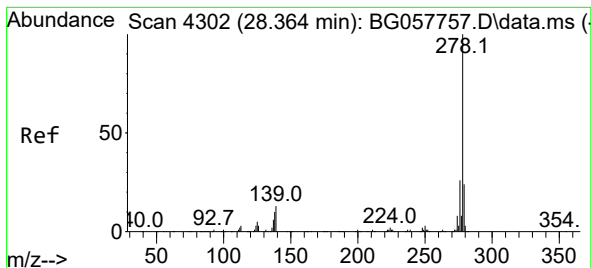
Ion Ratio Lower Upper

252 100

253 21.3 17.4 26.2

125 9.5 8.0 12.0





#91

Dibenzo(a,h)anthracene

Concen: 48.070 ng

RT: 28.358 min Scan# 41

Delta R.T. -0.006 min

Lab File: BG057765.D

Acq: 19 Jun 2023 21:47

Instrument :

BNA\_G

ClientSampleId :

PB153322BS

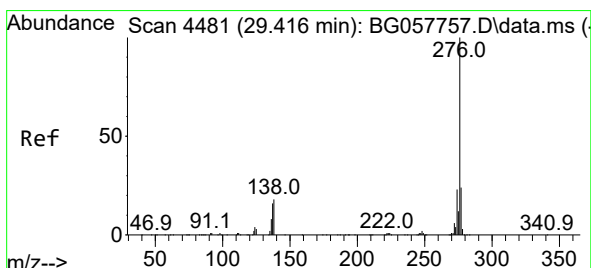
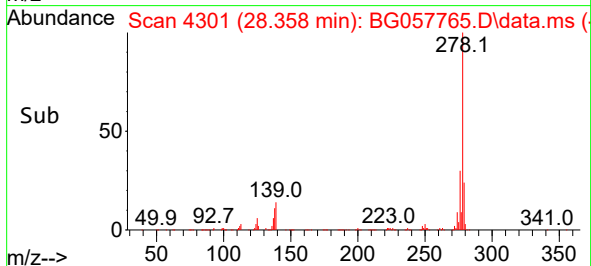
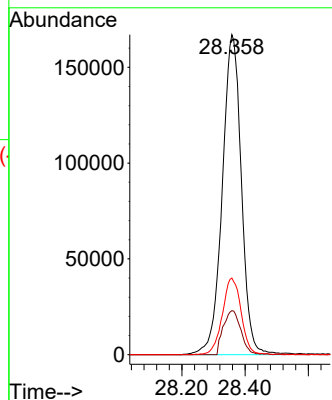
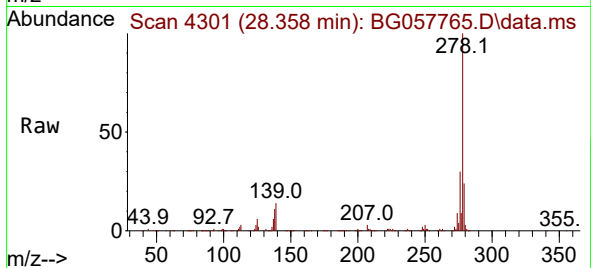
Tgt Ion:278 Resp: 700115

Ion Ratio Lower Upper

278 100

139 13.8 10.8 16.2

279 24.0 19.0 28.4



#92

Benzo(g,h,i)perylene

Concen: 47.281 ng

RT: 29.422 min Scan# 4482

Delta R.T. 0.006 min

Lab File: BG057765.D

Acq: 19 Jun 2023 21:47

Tgt Ion:276 Resp: 689518

Ion Ratio Lower Upper

276 100

277 22.7 19.4 29.0

138 17.1 14.2 21.4

