

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG042423\  
 Data File : BG057154.D  
 Acq On : 24 Apr 2023 16:50  
 Operator : CG/JU  
 Sample : SSTDICC010  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC010

Quant Time: Apr 25 02:48:18 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG042423.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Apr 25 02:41:29 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.384  | 152  | 15056    | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 11.222 | 136  | 60181    | 20.000 | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 14.999 | 164  | 47691    | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.742 | 188  | 127114   | 20.000 | ng    | # 0.00   |
| 76) Chrysene-d12              | 22.060 | 240  | 132820   | 20.000 | ng    | # 0.00   |
| 86) Perylene-d12              | 25.585 | 264  | 141098   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.900  | 112  | 15424    | 16.396 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.515  | 99   | 21717    | 15.435 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.559  | 82   | 18733    | 12.737 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.485 | 330  | 14036    | 18.423 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.624 | 172  | 73628    | 20.935 | ng    | 0.00     |
| 79) Terphenyl-d14             | 20.309 | 244  | 153285   | 19.529 | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.703  | 88   | 3258     | 7.900  | ng    | 88       |
| 3) Pyridine                   | 4.131  | 79   | 9289     | 6.993  | ng    | 95       |
| 4) n-Nitrosodimethylamine     | 4.037  | 42   | 3460     | 5.666  | ng    | # 83     |
| 6) Aniline                    | 7.697  | 93   | 14115    | 7.847  | ng    | # 95     |
| 8) 2-Chlorophenol             | 7.944  | 128  | 8398     | 8.962  | ng    | 92       |
| 9) Benzaldehyde               | 7.509  | 77   | 7362     | 8.342  | ng    | 91       |
| 10) Phenol                    | 7.544  | 94   | 10647    | 7.637  | ng    | 94       |
| 11) bis(2-Chloroethyl)ether   | 7.785  | 93   | 8211     | 8.268  | ng    | 90       |
| 12) 1,3-Dichlorobenzene       | 8.749  | 146  | 10227    | 9.878  | ng    | 96       |
| 13) 1,4-Dichlorobenzene       | 8.749  | 146  | 10227    | 9.787  | ng    | 96       |
| 14) 1,2-Dichlorobenzene       | 8.749  | 146  | 10227    | 10.130 | ng    | 93       |
| 15) Benzyl Alcohol            | 8.619  | 79   | 7629     | 6.526  | ng    | 96       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.901  | 45   | 6558     | 5.479  | ng    | 93       |
| 17) 2-Methylphenol            | 8.819  | 107  | 8048     | 8.091  | ng    | 95       |
| 18) Hexachloroethane          | 9.489  | 117  | 3380     | 8.850  | ng    | 97       |
| 19) n-Nitroso-di-n-propyla... | 9.183  | 70   | 6372     | 6.332  | ng    | 98       |
| 20) 3+4-Methylphenols         | 9.148  | 107  | 10945    | 7.869  | ng    | 92       |
| 22) Acetophenone              | 9.213  | 105  | 15734    | 8.786  | ng    | # 94     |
| 24) Nitrobenzene              | 9.606  | 77   | 9664     | 6.427  | ng    | # 89     |
| 25) Isophorone                | 10.123 | 82   | 19667    | 7.022  | ng    | 98       |
| 26) 2-Nitrophenol             | 10.329 | 139  | 4131     | 7.117  | ng    | # 87     |
| 27) 2,4-Dimethylphenol        | 10.364 | 122  | 8330     | 8.129  | ng    | 94       |
| 28) bis(2-Chloroethoxy)met... | 10.599 | 93   | 10703    | 7.633  | ng    | # 94     |
| 29) 2,4-Dichlorophenol        | 10.863 | 162  | 9299     | 8.438  | ng    | 92       |
| 30) 1,2,4-Trichlorobenzene    | 11.081 | 180  | 12372    | 10.565 | ng    | # 95     |
| 31) Naphthalene               | 11.280 | 128  | 32103    | 9.787  | ng    | 99       |
| 32) Benzoic acid              | 10.482 | 122  | 1418     | 2.014  | ng    | # 68     |
| 33) 4-Chloroaniline           | 11.380 | 127  | 13462    | 9.087  | ng    | # 91     |
| 34) Hexachlorobutadiene       | 11.545 | 225  | 9696     | 11.023 | ng    | 97       |
| 35) Caprolactam               | 12.121 | 113  | 2351     | 6.186  | ng    | # 67     |
| 36) 4-Chloro-3-methylphenol   | 12.467 | 107  | 9666     | 7.843  | ng    | 95       |
| 37) 2-Methylnaphthalene       | 12.855 | 142  | 25494    | 9.792  | ng    | 98       |
| 38) 1-Methylnaphthalene       | 13.072 | 142  | 23271    | 9.519  | ng    | 93       |
| 40) 1,2,4,5-Tetrachloroben... | 13.213 | 216  | 18293    | 11.061 | ng    | # 98     |
| 41) Hexachlorocyclopentadiene | 13.184 | 237  | 4809     | 5.278  | ng    | 96       |
| 43) 2,4,6-Trichlorophenol     | 13.442 | 196  | 9410     | 8.917  | ng    | 92       |

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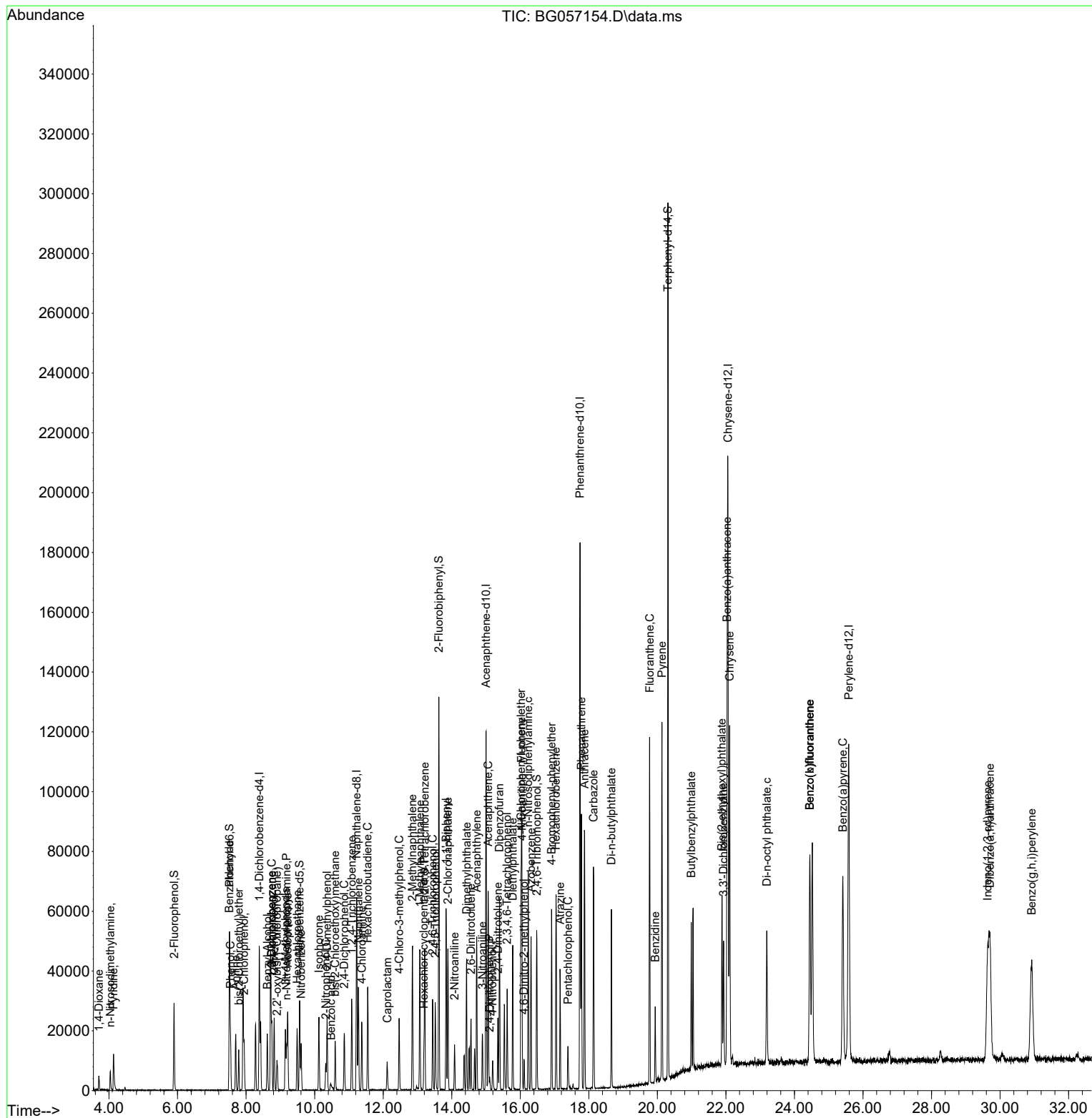
| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 13.519 | 196  | 11089    | 8.870  | ng    | 95       |
| 46) 1,1'-Biphenyl             | 13.836 | 154  | 35309    | 10.114 | ng    | 96       |
| 47) 2-Chloronaphthalene       | 13.889 | 162  | 26657    | 10.324 | ng    | 97       |
| 48) 2-Nitroaniline            | 14.083 | 65   | 3748     | 4.060  | ng    | # 69     |
| 49) Acenaphthylene            | 14.729 | 152  | 41337    | 9.744  | ng    | 95       |
| 50) Dimethylphthalate         | 14.435 | 163  | 32137    | 8.552  | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 14.564 | 165  | 6352     | 7.824  | ng    | 86       |
| 52) Acenaphthene              | 15.064 | 154  | 26763    | 9.147  | ng    | 96       |
| 53) 3-Nitroaniline            | 14.893 | 138  | 6067     | 7.550  | ng    | # 73     |
| 54) 2,4-Dinitrophenol         | 15.105 | 184  | 1742     | 3.812  | ng    | # 78     |
| 55) Dibenzofuran              | 15.393 | 168  | 46406    | 10.568 | ng    | 98       |
| 56) 4-Nitrophenol             | 15.193 | 139  | 3632     | 6.112  | ng    | # 78     |
| 57) 2,4-Dinitrotoluene        | 15.346 | 165  | 8419     | 7.352  | ng    | # 79     |
| 58) Fluorene                  | 16.039 | 166  | 36671    | 10.092 | ng    | 97       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.616 | 232  | 10308    | 9.055  | ng    | # 86     |
| 60) Diethylphthalate          | 15.780 | 149  | 30346    | 8.056  | ng    | 97       |
| 61) 4-Chlorophenyl-phenyle... | 16.021 | 204  | 22748    | 10.662 | ng    | 97       |
| 62) 4-Nitroaniline            | 16.051 | 138  | 6359     | 7.637  | ng    | 80       |
| 63) Azobenzene                | 16.315 | 77   | 28623    | 7.624  | ng    | 92       |
| 65) 4,6-Dinitro-2-methylph... | 16.109 | 198  | 4217     | 5.478  | ng    | 95       |
| 66) n-Nitrosodiphenylamine    | 16.233 | 169  | 30953    | 9.071  | ng    | 97       |
| 67) 4-Bromophenyl-phenylether | 16.914 | 248  | 15849    | 10.077 | ng    | 96       |
| 68) Hexachlorobenzene         | 17.043 | 284  | 17806    | 11.451 | ng    | # 89     |
| 69) Atrazine                  | 17.161 | 200  | 10147    | 7.164  | ng    | 97       |
| 70) Pentachlorophenol         | 17.396 | 266  | 5297     | 4.748  | ng    | 93       |
| 71) Phenanthrene              | 17.783 | 178  | 64488    | 9.951  | ng    | 99       |
| 72) Anthracene                | 17.877 | 178  | 64714    | 9.741  | ng    | 98       |
| 73) Carbazole                 | 18.136 | 167  | 52599    | 9.081  | ng    | 97       |
| 74) Di-n-butylphthalate       | 18.659 | 149  | 45320    | 6.757  | ng    | 98       |
| 75) Fluoranthene              | 19.775 | 202  | 81815    | 9.959  | ng    | 97       |
| 77) Benzidine                 | 19.939 | 184  | 18790    | 5.176  | ng    | 99       |
| 78) Pyrene                    | 20.133 | 202  | 84175    | 9.163  | ng    | 99       |
| 80) Butylbenzylphthalate      | 20.991 | 149  | 15546    | 4.918  | ng    | 88       |
| 81) Benzo(a)anthracene        | 22.037 | 228  | 87279    | 9.496  | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 21.931 | 252  | 20654    | 6.655  | ng    | 96       |
| 83) Chrysene                  | 22.107 | 228  | 84460    | 9.814  | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 21.884 | 149  | 25616    | 5.596  | ng    | 96       |
| 85) Di-n-octyl phthalate      | 23.194 | 149  | 45106    | 5.847  | ng    | 96       |
| 87) Indeno(1,2,3-cd)pyrene    | 29.638 | 276  | 97977    | 9.396  | ng    | # 84     |
| 88) Benzo(b)fluoranthene      | 24.451 | 252  | 85105    | 9.645  | ng    | # 96     |
| 89) Benzo(k)fluoranthene      | 24.451 | 252  | 85105    | 9.662  | ng    | 99       |
| 90) Benzo(a)pyrene            | 25.414 | 252  | 84409    | 9.735  | ng    | # 96     |
| 91) Dibenzo(a,h)anthracene    | 29.703 | 278  | 83228    | 9.710  | ng    | 97       |
| 92) Benzo(g,h,i)perylene      | 30.924 | 276  | 82664    | 9.849  | ng    | # 95     |

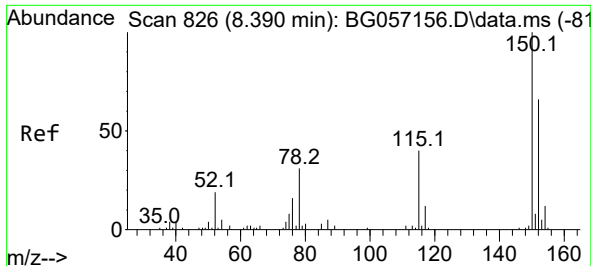
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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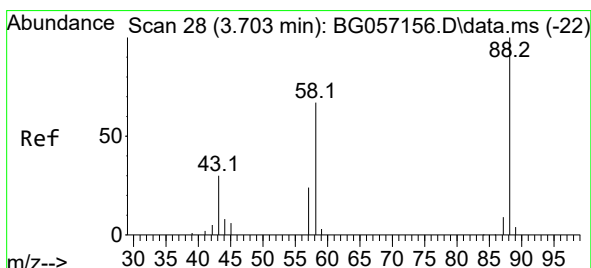
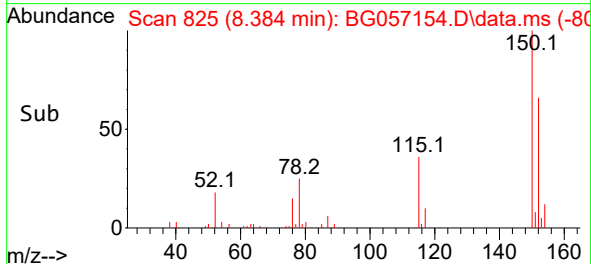
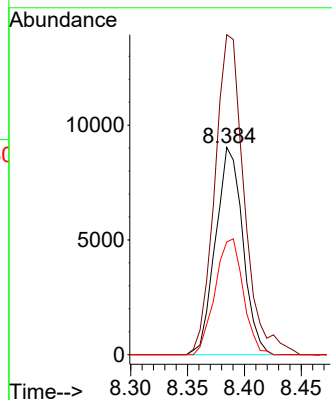
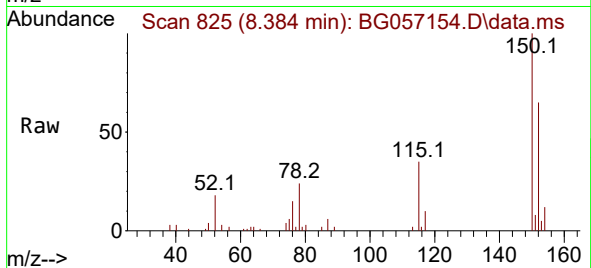




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.384 min Scan# 81  
Delta R.T. -0.006 min  
Lab File: BG057154.D  
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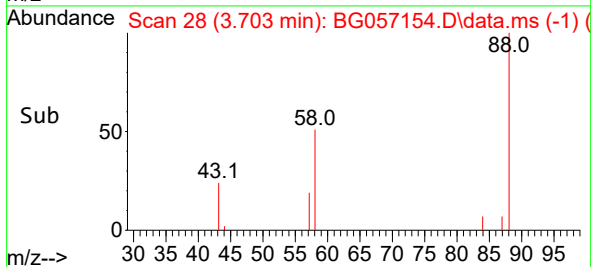
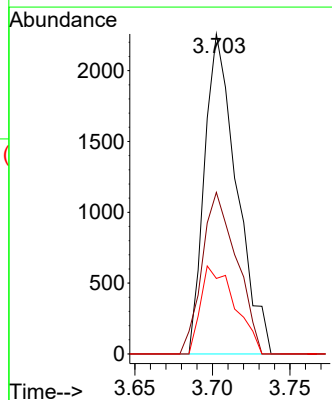
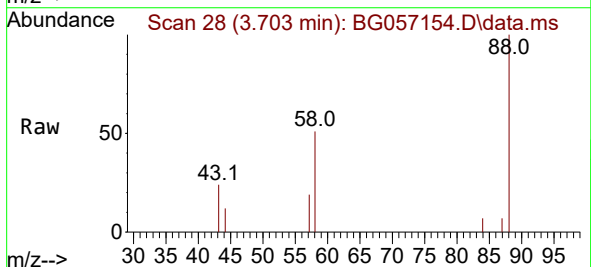
Instrument :  
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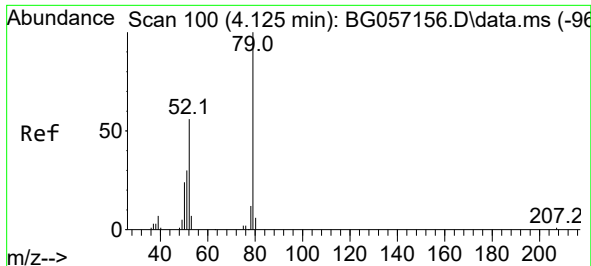
Tgt Ion:152 Resp: 15056  
Ion Ratio Lower Upper  
152 100  
150 154.3 121.4 182.2  
115 54.4 48.1 72.1



#2  
1,4-Dioxane  
Concen: 7.900 ng  
RT: 3.703 min Scan# 28  
Delta R.T. 0.000 min  
Lab File: BG057154.D  
Acq: 24 Apr 2023 16:50

Tgt Ion: 88 Resp: 3258  
Ion Ratio Lower Upper  
88 100  
58 54.5 54.2 81.4  
43 29.3 23.0 34.6

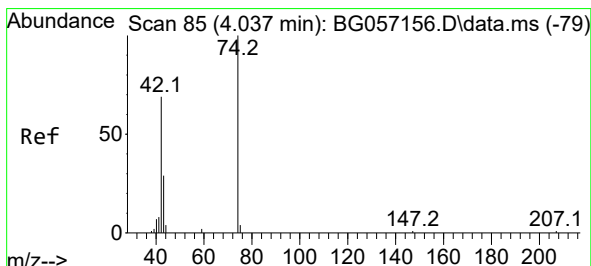
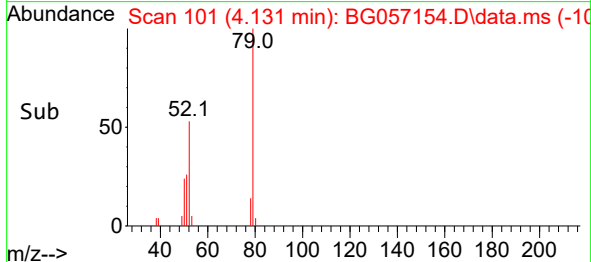
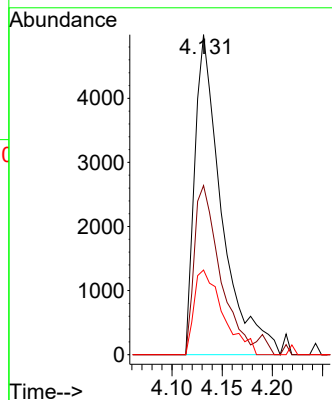
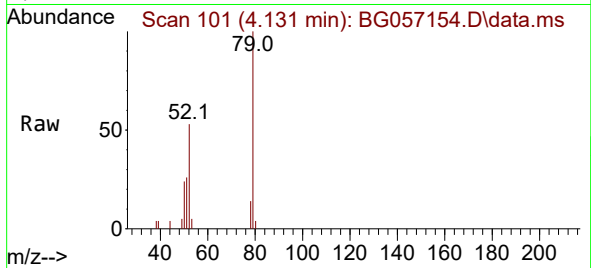




#3  
Pyridine  
Concen: 6.993 ng  
RT: 4.131 min Scan# 10  
Delta R.T. 0.006 min  
Lab File: BG057154.D  
Acq: 24 Apr 2023 16:50

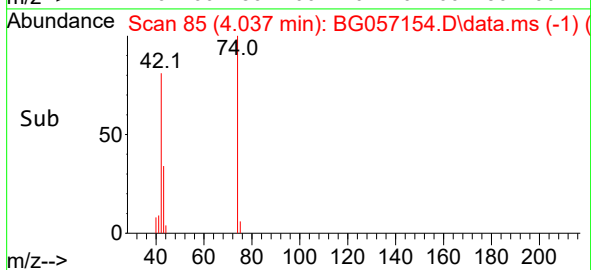
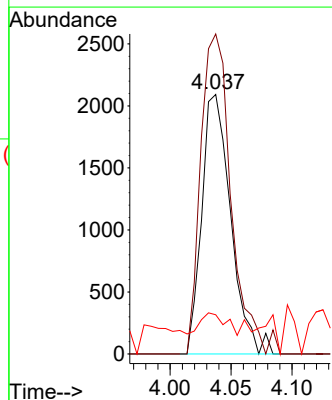
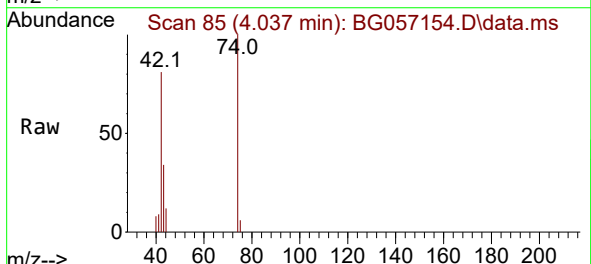
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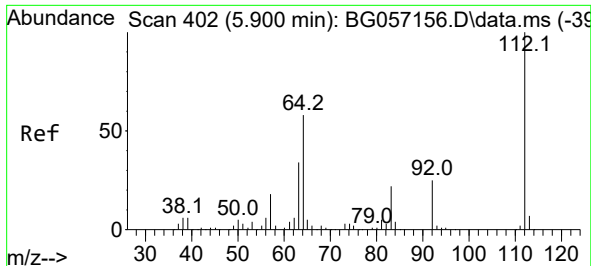
Tgt Ion: 79 Resp: 9289  
Ion Ratio Lower Upper  
79 100  
52 52.8 44.5 66.7  
51 26.5 24.3 36.5



#4  
n-Nitrosodimethylamine  
Concen: 5.666 ng  
RT: 4.037 min Scan# 85  
Delta R.T. 0.000 min  
Lab File: BG057154.D  
Acq: 24 Apr 2023 16:50

Tgt Ion: 42 Resp: 3460  
Ion Ratio Lower Upper  
42 100  
74 123.3 115.6 173.4  
44 15.1 7.1 10.7#

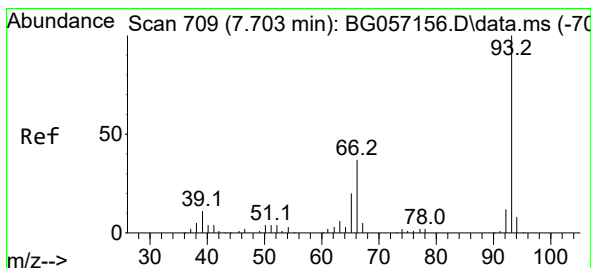
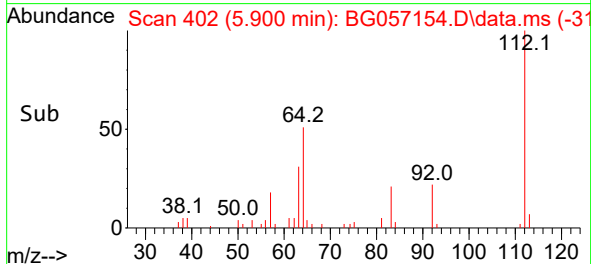
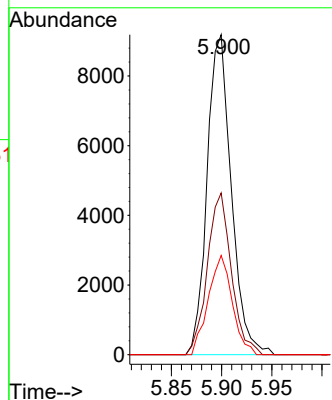
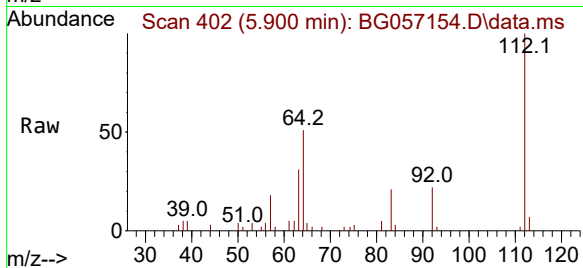




#5  
2-Fluorophenol  
Concen: 16.396 ng  
RT: 5.900 min Scan# 402  
Delta R.T. 0.000 min  
Lab File: BG057154.D  
Acq: 24 Apr 2023 16:50

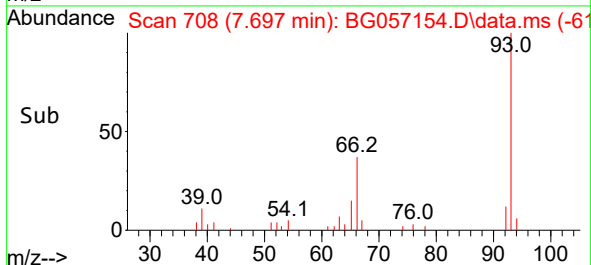
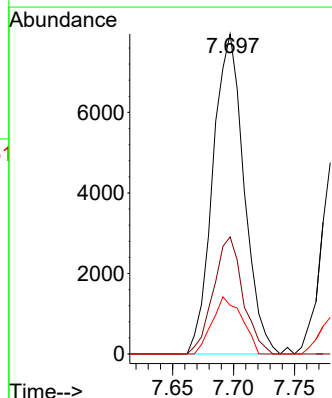
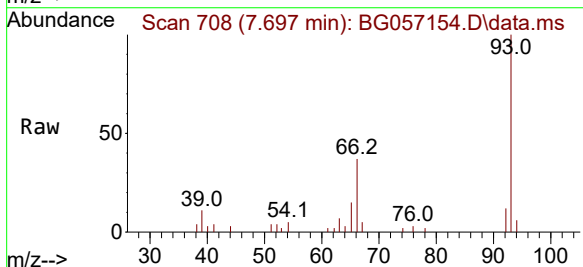
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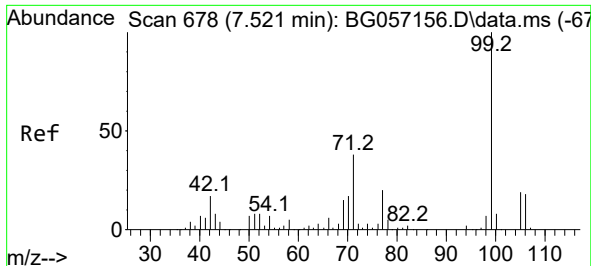
Tgt Ion:112 Resp: 15424  
Ion Ratio Lower Upper  
112 100  
64 50.6 46.7 70.1  
63 31.0 26.9 40.3



#6  
Aniline  
Concen: 7.847 ng  
RT: 7.697 min Scan# 708  
Delta R.T. -0.006 min  
Lab File: BG057154.D  
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Tgt Ion: 93 Resp: 14115  
Ion Ratio Lower Upper  
93 100  
66 36.6 29.8 44.8  
65 15.2 16.4 24.6#

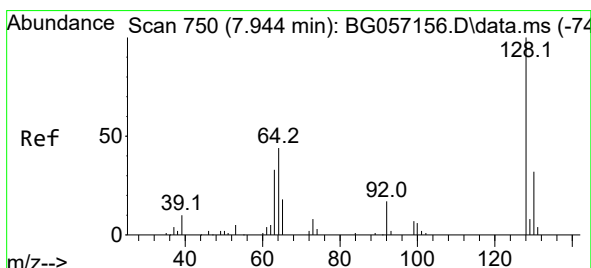
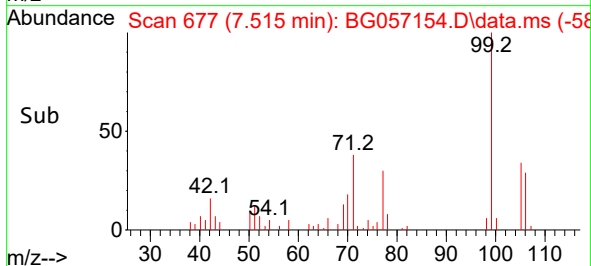
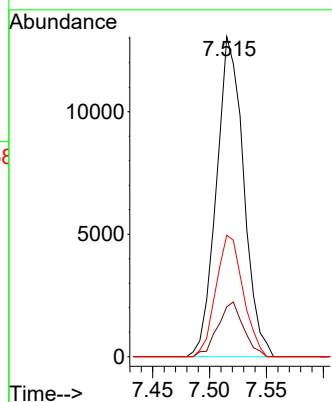
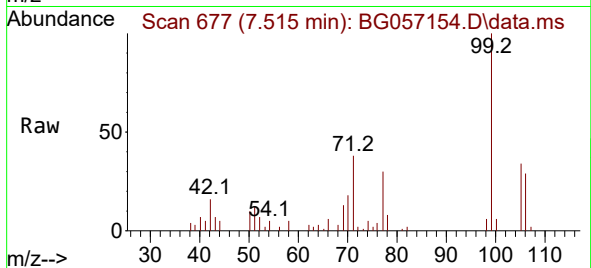




#7  
Phenol-d6  
Concen: 15.435 ng  
RT: 7.515 min Scan# 61  
Delta R.T. -0.006 min  
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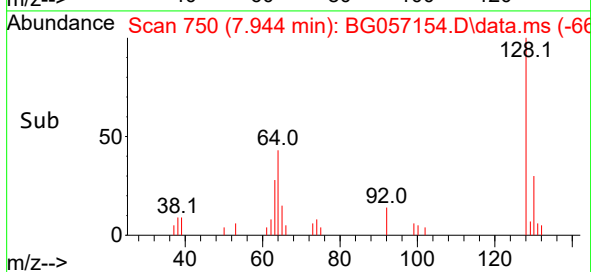
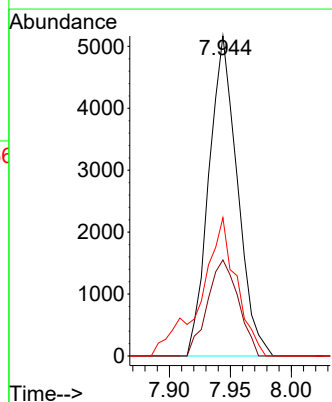
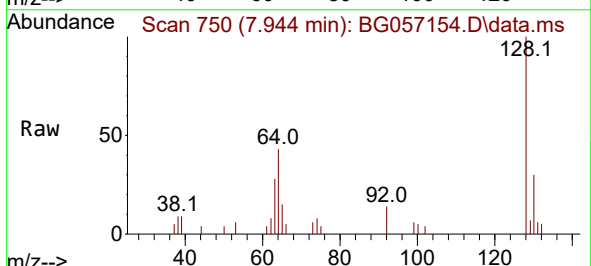
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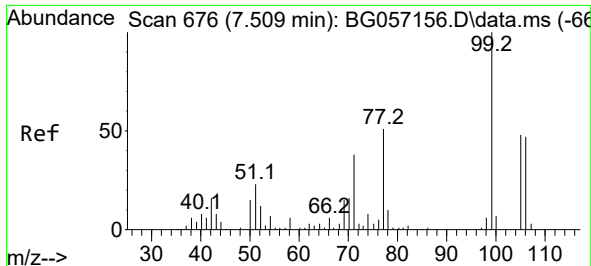
Tgt Ion: 99 Resp: 21717  
Ion Ratio Lower Upper  
99 100  
42 15.6 13.4 20.0  
71 38.0 30.2 45.2



#8  
2-Chlorophenol  
Concen: 8.962 ng  
RT: 7.944 min Scan# 750  
Delta R.T. 0.000 min  
Lab File: BG057154.D  
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Tgt Ion: 128 Resp: 8398  
Ion Ratio Lower Upper  
128 100  
130 30.0 11.6 51.6  
64 43.2 31.4 71.4

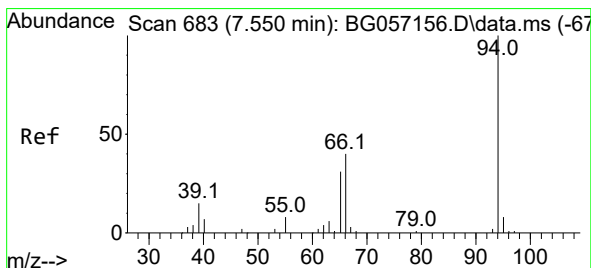
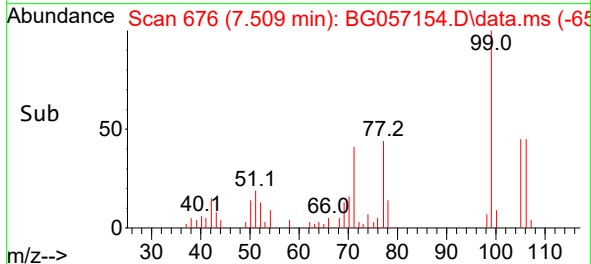
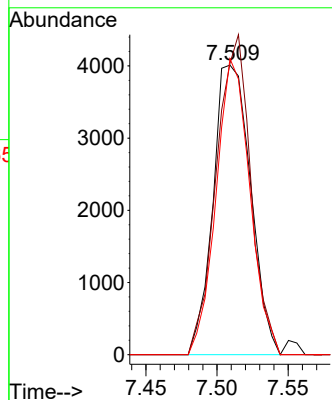
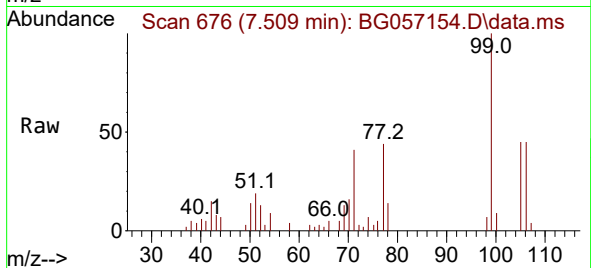




#9  
Benzaldehyde  
Concen: 8.342 ng  
RT: 7.509 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: BG057154.D  
Acq: 24 Apr 2023 16:50

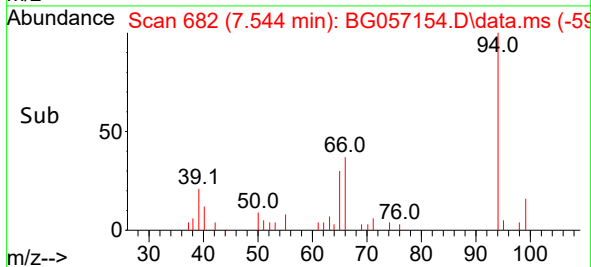
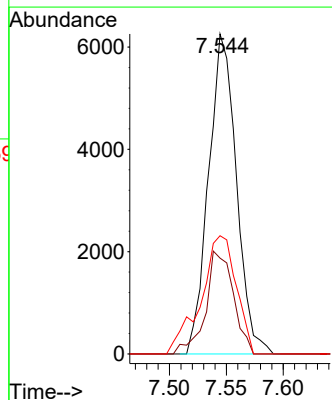
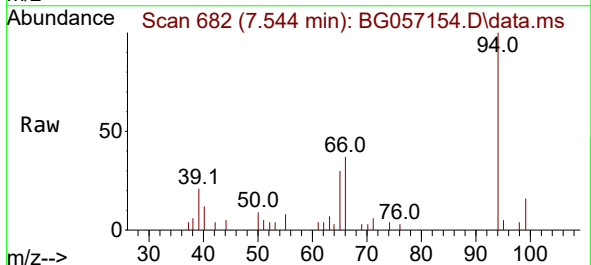
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC010

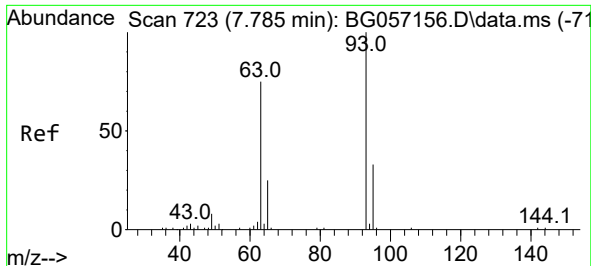
Tgt Ion: 77 Resp: 7362  
Ion Ratio Lower Upper  
77 100  
105 100.5 73.5 113.5  
106 102.2 72.7 112.7



#10  
Phenol  
Concen: 7.637 ng  
RT: 7.544 min Scan# 682  
Delta R.T. -0.006 min  
Lab File: BG057154.D  
Acq: 24 Apr 2023 16:50

Tgt Ion: 94 Resp: 10647  
Ion Ratio Lower Upper  
94 100  
65 29.9 11.6 51.6  
66 36.9 22.7 62.7

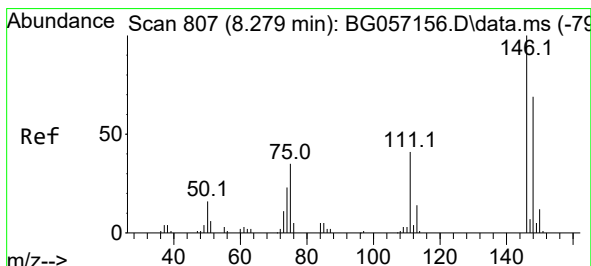
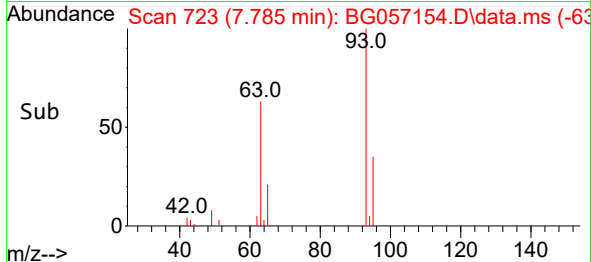
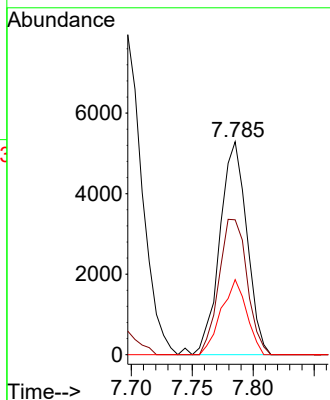
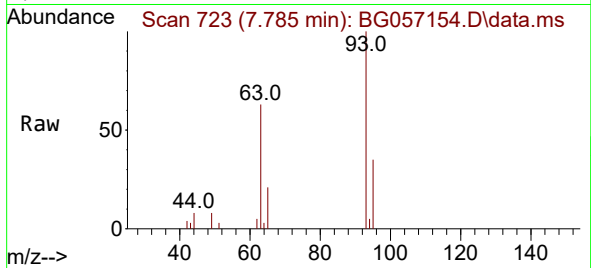




#11  
bis(2-Chloroethyl)ether  
Concen: 8.268 ng  
RT: 7.785 min Scan# 71  
Delta R.T. 0.000 min  
Lab File: BG057154.D  
Acq: 24 Apr 2023 16:50

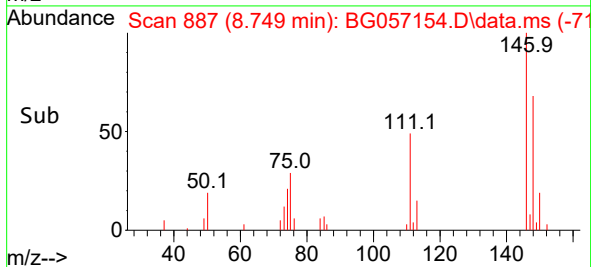
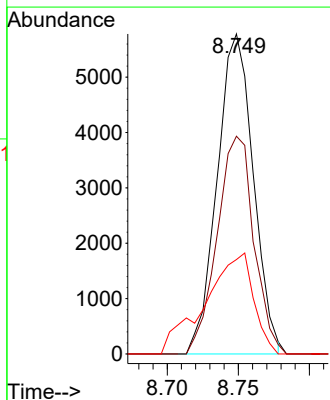
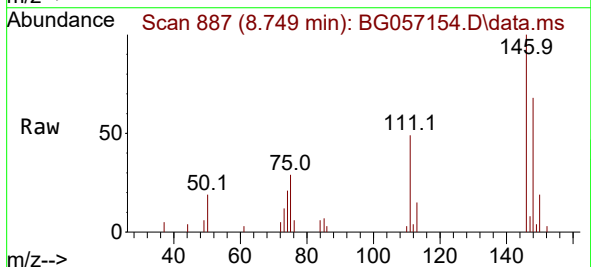
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC010

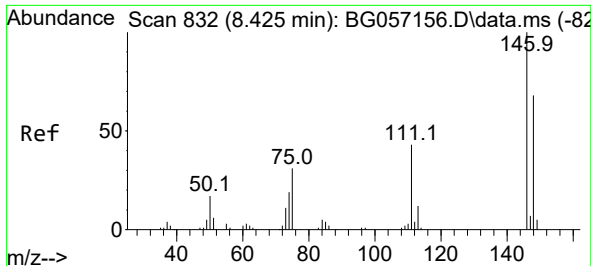
Tgt Ion: 93 Resp: 8211  
Ion Ratio Lower Upper  
93 100  
63 63.4 53.9 93.9  
95 35.2 13.1 53.1



#12  
1,3-Dichlorobenzene  
Concen: 9.878 ng  
RT: 8.749 min Scan# 887  
Delta R.T. 0.470 min  
Lab File: BG057154.D  
Acq: 24 Apr 2023 16:50

Tgt Ion:146 Resp: 10227  
Ion Ratio Lower Upper  
146 100  
148 68.1 55.4 83.2  
75 29.5 28.2 42.4





#13

1,4-Dichlorobenzene

Concen: 9.787 ng

RT: 8.749 min Scan# 887

Delta R.T. 0.323 min

Lab File: BG057154.D

Acq: 24 Apr 2023 16:50

Instrument :

BNA\_G

ClientSampleId :

SSTDICC010

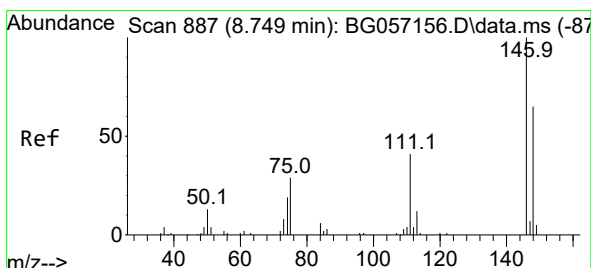
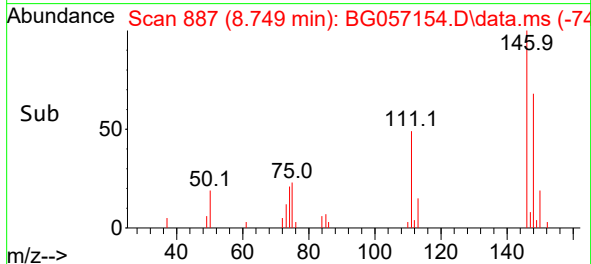
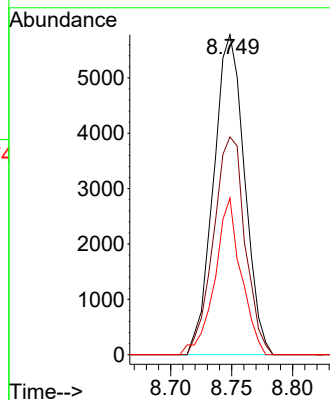
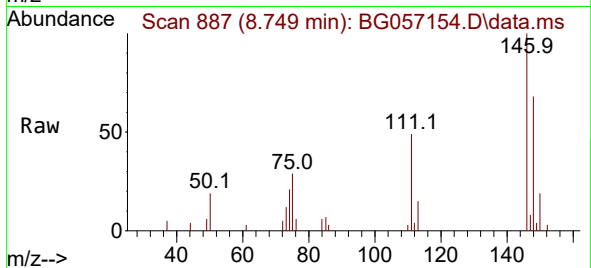
Tgt Ion:146 Resp: 10227

Ion Ratio Lower Upper

146 100

148 68.1 54.3 81.5

111 48.9 34.2 51.4



#14

1,2-Dichlorobenzene

Concen: 10.130 ng

RT: 8.749 min Scan# 887

Delta R.T. 0.000 min

Lab File: BG057154.D

Acq: 24 Apr 2023 16:50

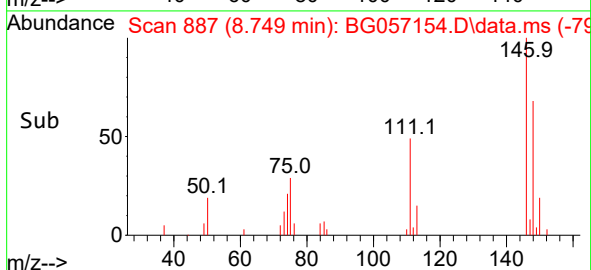
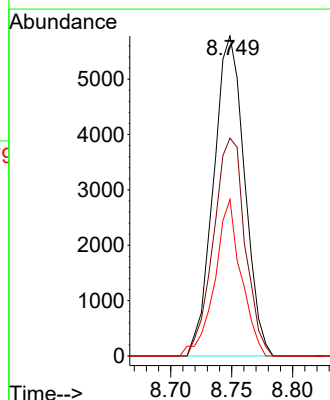
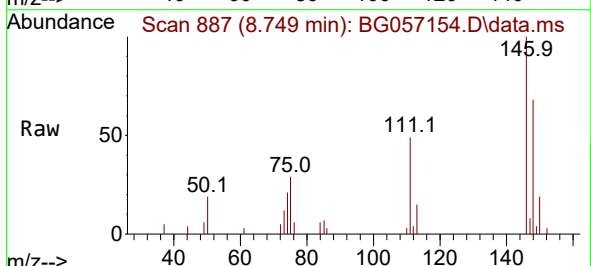
Tgt Ion:146 Resp: 10227

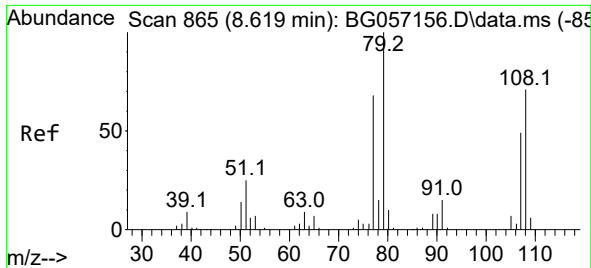
Ion Ratio Lower Upper

146 100

148 68.1 52.3 78.5

111 48.9 33.1 49.7

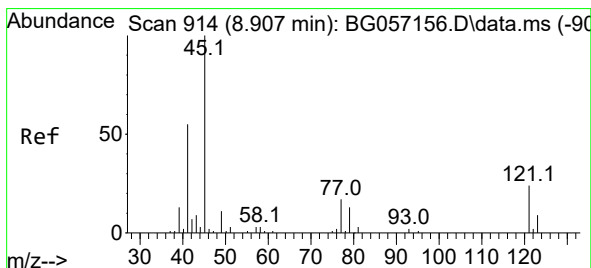
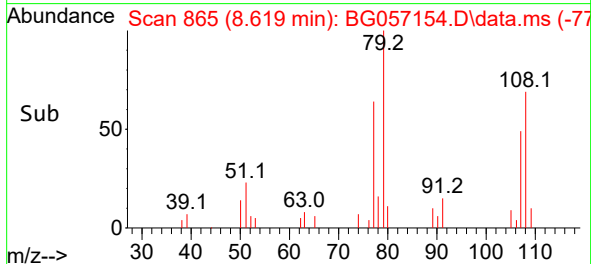
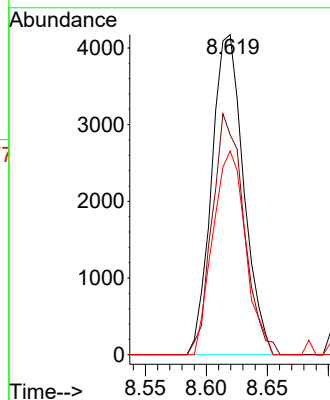
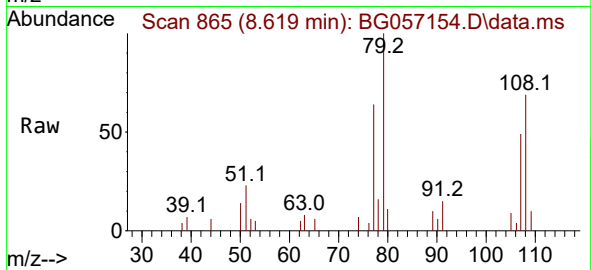




#15  
Benzyl Alcohol  
Concen: 6.526 ng  
RT: 8.619 min Scan# 80  
Delta R.T. 0.000 min  
Lab File: BG057154.D  
Acq: 24 Apr 2023 16:50

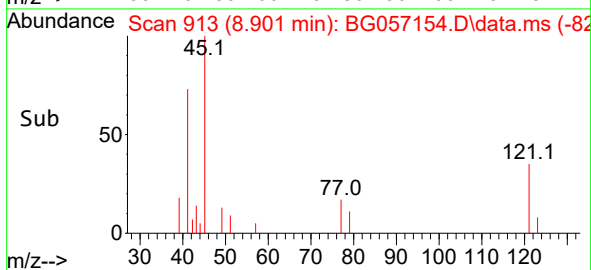
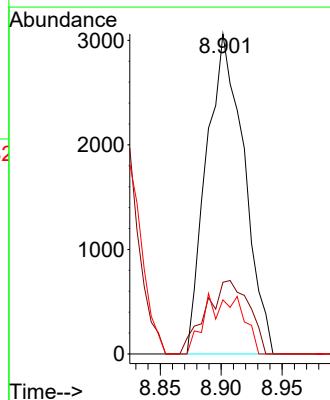
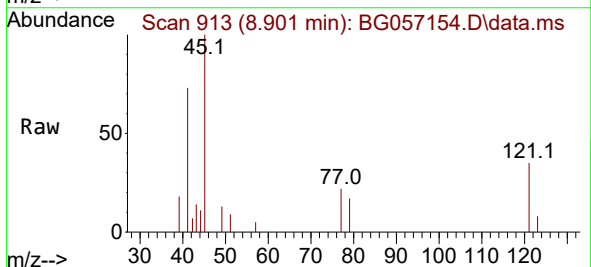
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC010

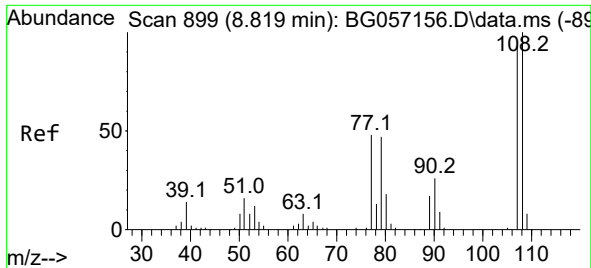
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 79    | Resp: | 7629  |
| Ion      | Ratio | Lower | Upper |
| 79       | 100   |       |       |
| 108      | 68.8  | 56.8  | 85.2  |
| 77       | 63.6  | 54.2  | 81.2  |



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 5.479 ng  
RT: 8.901 min Scan# 913  
Delta R.T. -0.006 min  
Lab File: BG057154.D  
Acq: 24 Apr 2023 16:50

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 45    | Resp: | 6558  |
| Ion      | Ratio | Lower | Upper |
| 45       | 100   |       |       |
| 77       | 22.4  | 0.0   | 38.7  |
| 79       | 16.9  | 0.0   | 34.9  |

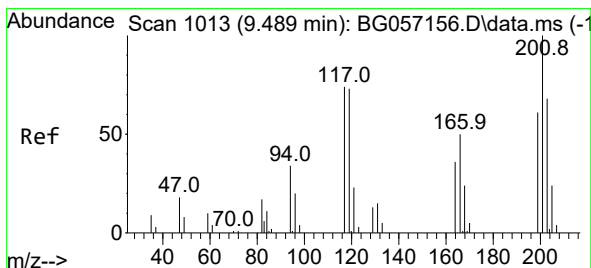
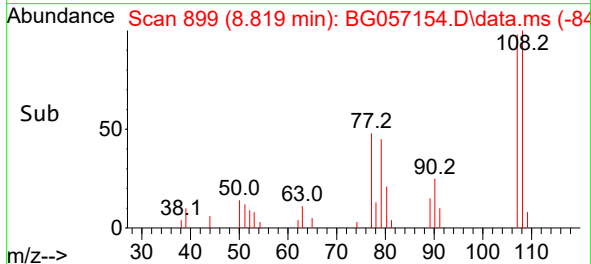
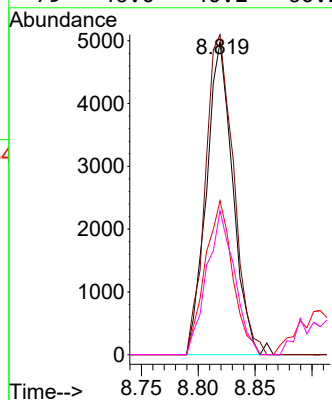
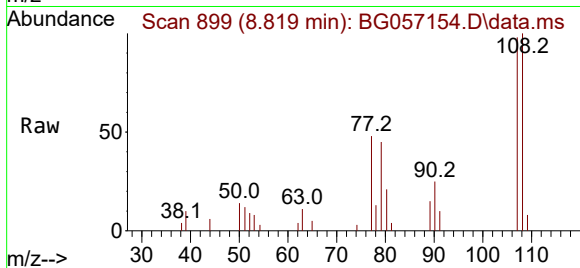




#17  
2-Methylphenol  
Concen: 8.091 ng  
RT: 8.819 min Scan# 899  
Delta R.T. 0.000 min  
Lab File: BG057154.D  
Acq: 24 Apr 2023 16:50

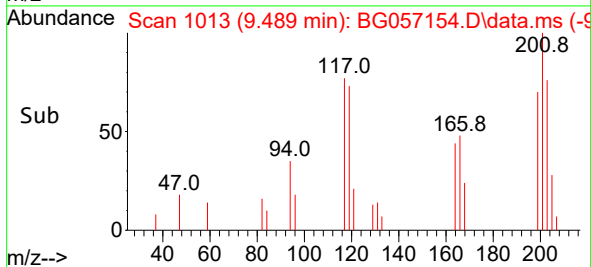
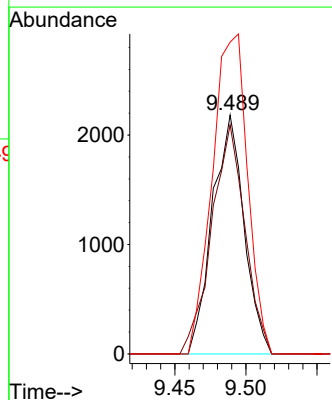
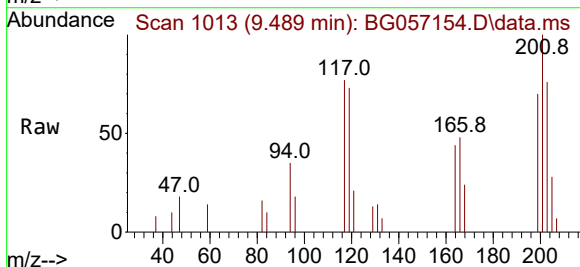
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC010

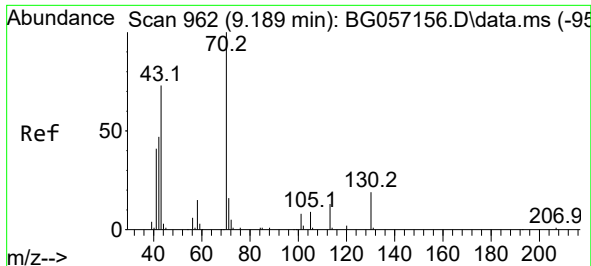
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 107   | Resp: | 8048  |
| Ion      | Ratio | Lower | Upper |
| 107      | 100   |       |       |
| 108      | 102.4 | 86.2  | 129.4 |
| 77       | 49.3  | 41.8  | 62.8  |
| 79       | 46.0  | 40.2  | 60.2  |



#18  
Hexachloroethane  
Concen: 8.850 ng  
RT: 9.489 min Scan# 1013  
Delta R.T. 0.000 min  
Lab File: BG057154.D  
Acq: 24 Apr 2023 16:50

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 3380  |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 95.9  | 78.3  | 117.5 |
| 201      | 130.5 | 107.6 | 161.4 |



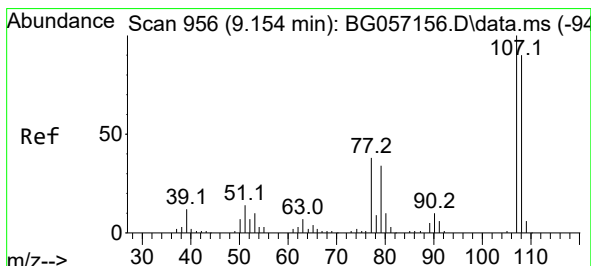
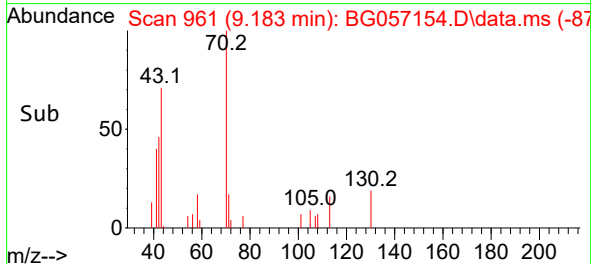
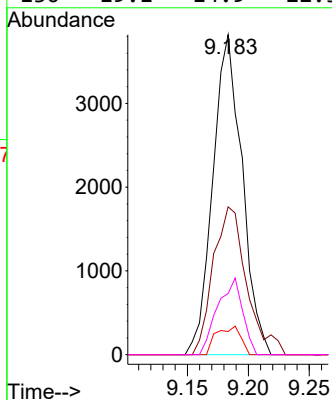
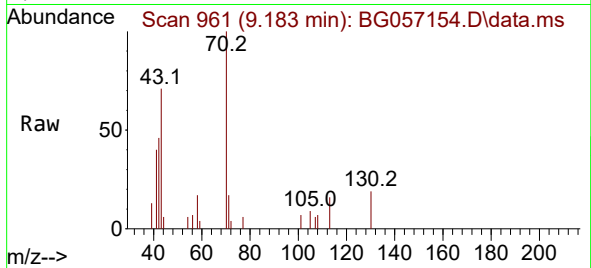


#19  
n-Nitroso-di-n-propylamine  
Concen: 6.332 ng  
RT: 9.183 min Scan# 90  
Delta R.T. -0.006 min  
Lab File: BG057154.D  
Acq: 24 Apr 2023 16:50

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC010

Tgt Ion: 70 Resp: 6372

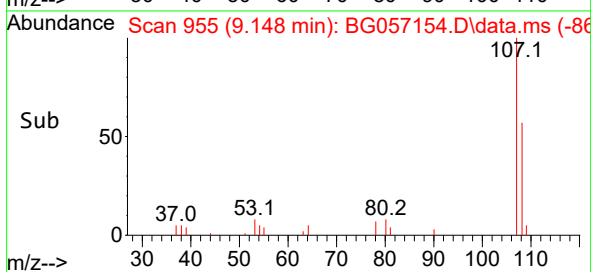
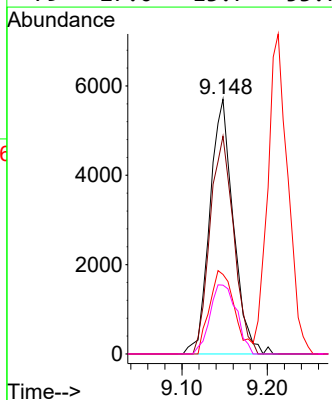
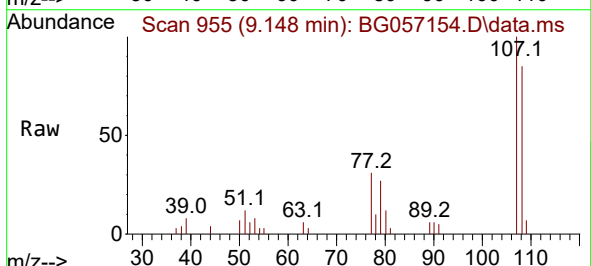
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 70  | 100   |       |       |
| 42  | 46.2  | 38.0  | 57.0  |
| 101 | 7.2   | 6.6   | 9.8   |
| 130 | 19.1  | 14.9  | 22.3  |

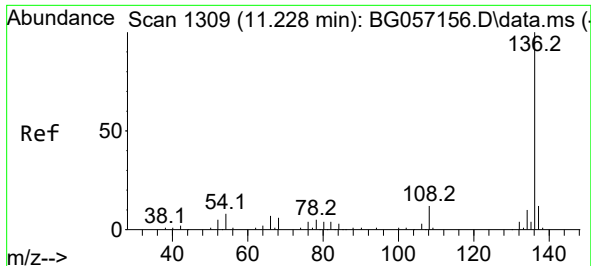


#20  
3+4-Methylphenols  
Concen: 7.869 ng  
RT: 9.148 min Scan# 955  
Delta R.T. -0.006 min  
Lab File: BG057154.D  
Acq: 24 Apr 2023 16:50

Tgt Ion: 107 Resp: 10945

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 107 | 100   |       |       |
| 108 | 85.4  | 70.2  | 110.2 |
| 77  | 31.2  | 17.8  | 57.8  |
| 79  | 27.0  | 13.7  | 53.7  |

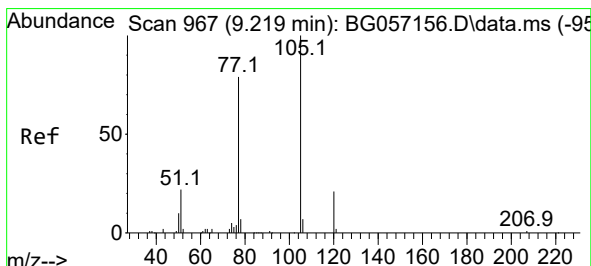
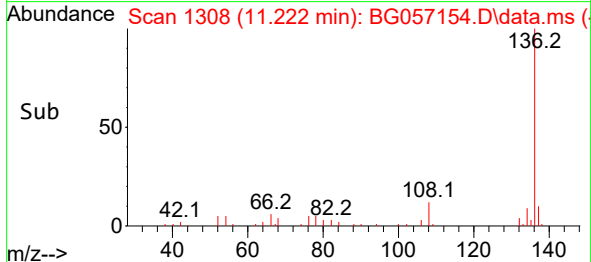
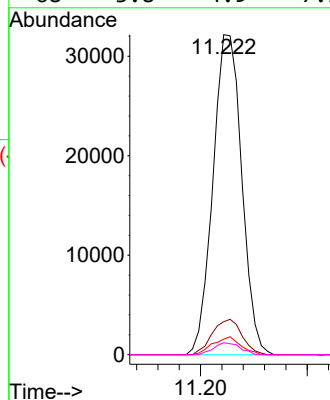
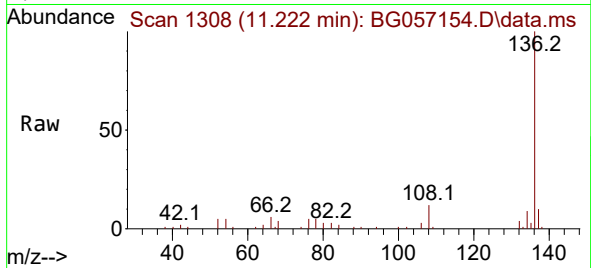




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 11.222 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BG057154.D  
Acq: 24 Apr 2023 16:50

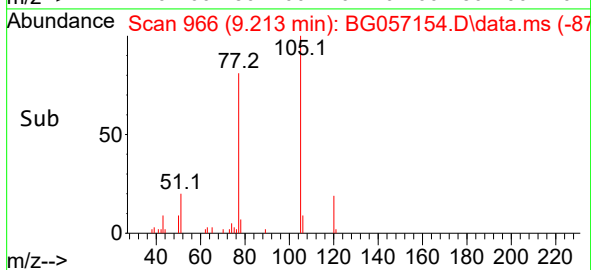
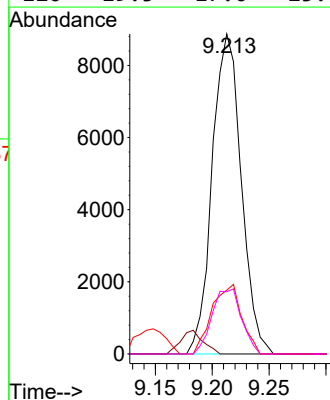
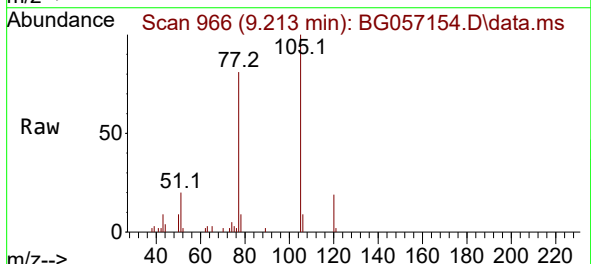
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC010

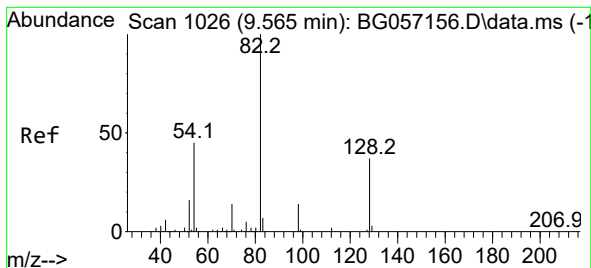
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 136   | Resp: | 60181 |
| Ion Ratio | Lower | Upper |       |
| 136       | 100   |       |       |
| 137       | 10.3  | 9.5   | 14.3  |
| 54        | 4.8   | 6.4   | 9.6#  |
| 68        | 3.8   | 4.9   | 7.3#  |



#22  
Acetophenone  
Concen: 8.786 ng  
RT: 9.213 min Scan# 966  
Delta R.T. -0.006 min  
Lab File: BG057154.D  
Acq: 24 Apr 2023 16:50

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 105   | Resp: | 15734 |
| Ion Ratio | Lower | Upper |       |
| 105       | 100   |       |       |
| 71        | 0.0   | 0.2   | 0.4#  |
| 51        | 20.0  | 19.4  | 29.0  |
| 120       | 19.5  | 17.0  | 25.6  |





#23

Nitrobenzene-d5

Concen: 12.737 ng

RT: 9.559 min Scan# 1025

Delta R.T. -0.006 min

Lab File: BG057154.D

Acq: 24 Apr 2023 16:50

Instrument :

BNA\_G

ClientSampleId :

SSTDICC010

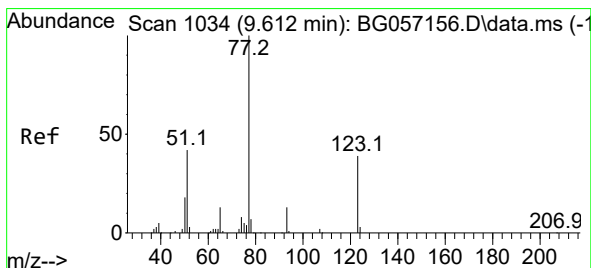
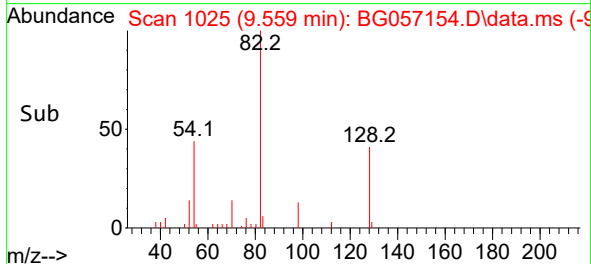
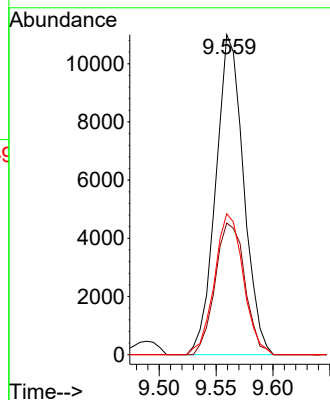
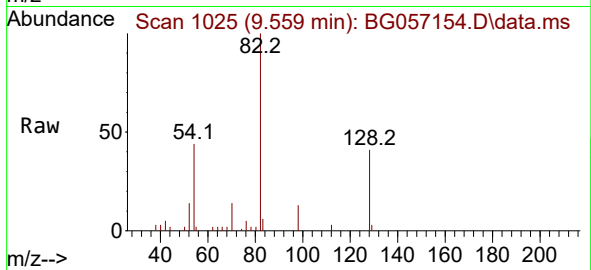
Tgt Ion: 82 Resp: 18733

Ion Ratio Lower Upper

82 100

128 41.1 29.4 44.2

54 44.1 36.2 54.2



#24

Nitrobenzene

Concen: 6.427 ng

RT: 9.606 min Scan# 1033

Delta R.T. -0.006 min

Lab File: BG057154.D

Acq: 24 Apr 2023 16:50

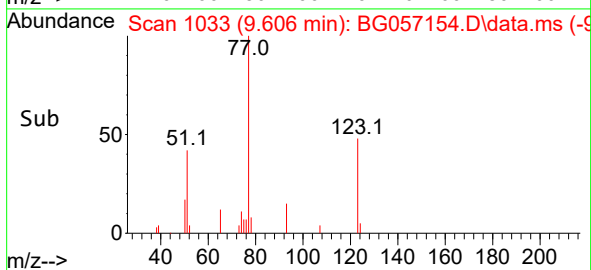
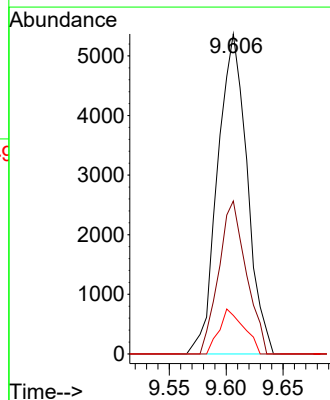
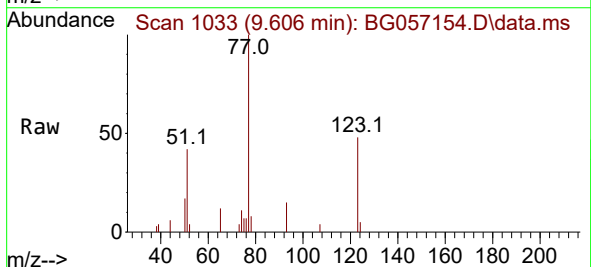
Tgt Ion: 77 Resp: 9664

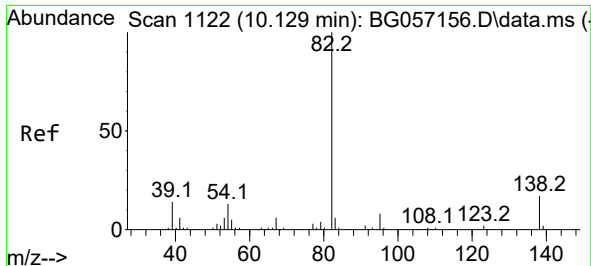
Ion Ratio Lower Upper

77 100

123 47.8 31.3 46.9#

65 12.1 10.5 15.7

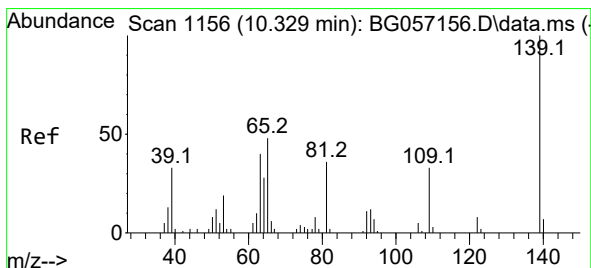
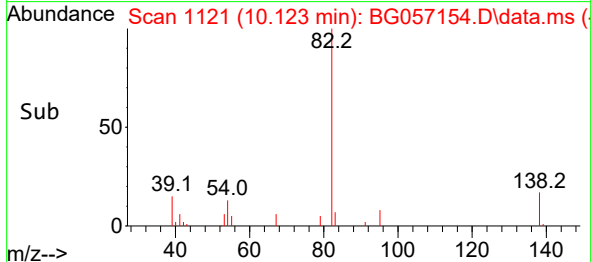
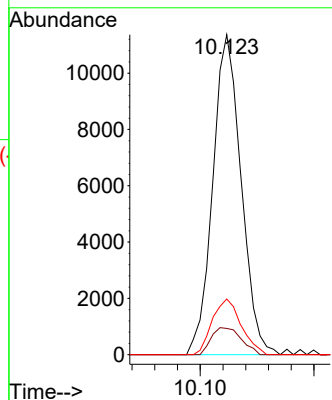
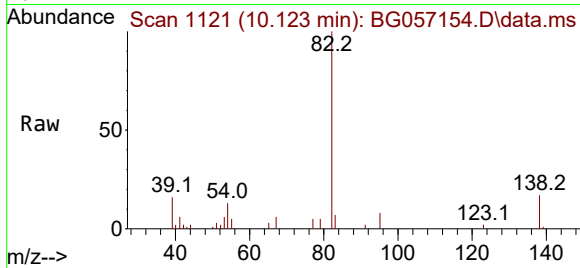




#25  
Isophorone  
Concen: 7.022 ng  
RT: 10.123 min Scan# 1121  
Delta R.T. -0.006 min  
Lab File: BG057154.D  
Acq: 24 Apr 2023 16:50

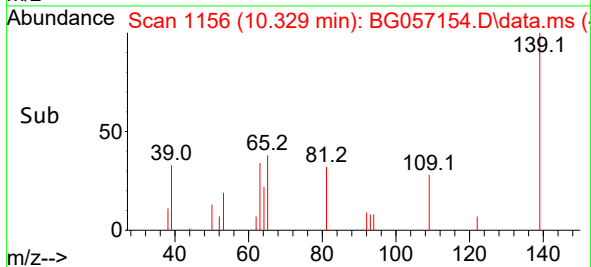
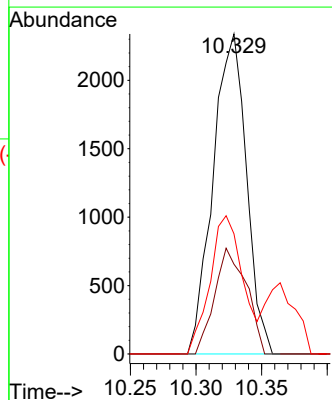
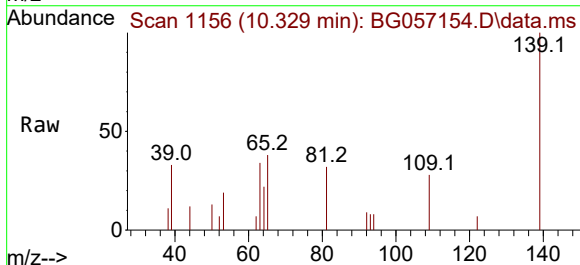
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDIC010

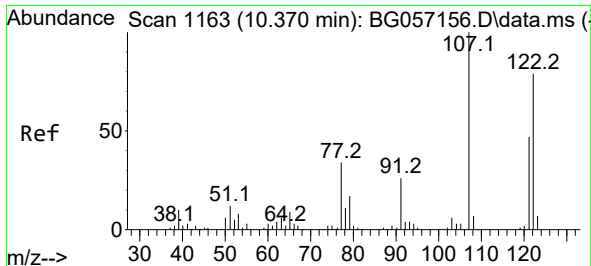
Tgt Ion: 82 Resp: 19667  
Ion Ratio Lower Upper  
82 100  
95 8.2 6.2 9.2  
138 17.4 13.4 20.0



#26  
2-Nitrophenol  
Concen: 7.117 ng  
RT: 10.329 min Scan# 1156  
Delta R.T. 0.000 min  
Lab File: BG057154.D  
Acq: 24 Apr 2023 16:50

Tgt Ion:139 Resp: 4131  
Ion Ratio Lower Upper  
139 100  
109 28.0 26.6 39.8  
65 37.5 38.6 58.0#





#27

2,4-Dimethylphenol

Concen: 8.129 ng

RT: 10.364 min Scan# 1162

Delta R.T. -0.006 min

Lab File: BG057154.D

Acq: 24 Apr 2023 16:50

Instrument :

BNA\_G

ClientSampleId :

SSTDICC010

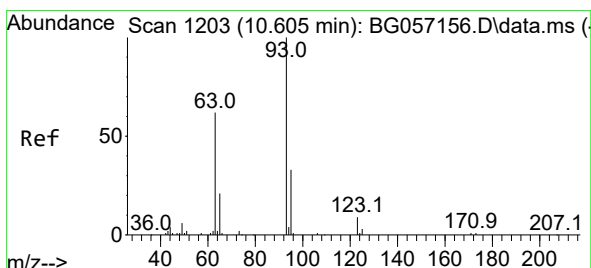
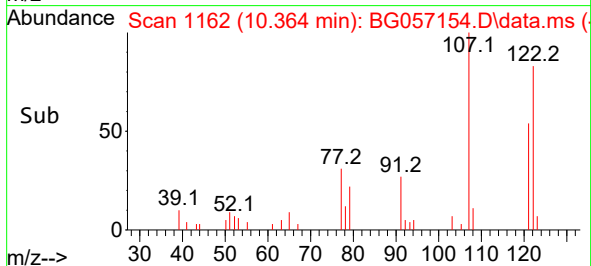
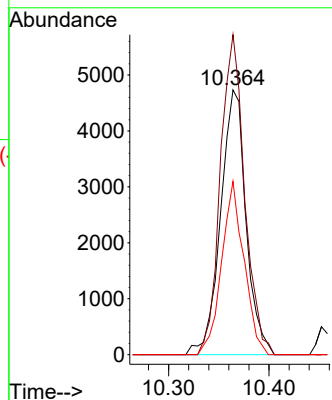
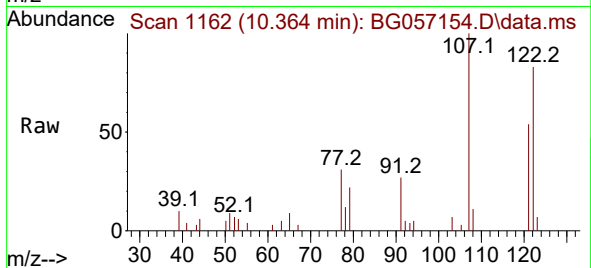
Tgt Ion:122 Resp: 8330

Ion Ratio Lower Upper

122 100

107 120.8 101.5 152.3

121 65.4 48.0 72.0



#28

bis(2-Chloroethoxy)methane

Concen: 7.633 ng

RT: 10.599 min Scan# 1202

Delta R.T. -0.006 min

Lab File: BG057154.D

Acq: 24 Apr 2023 16:50

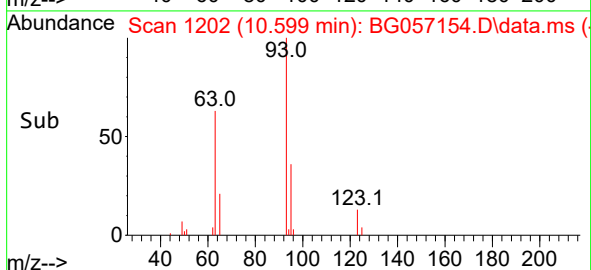
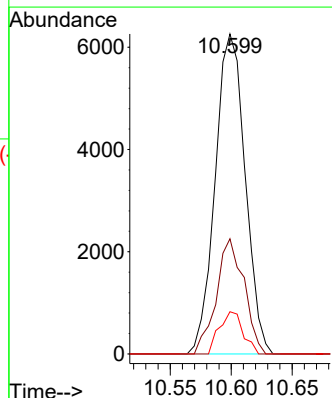
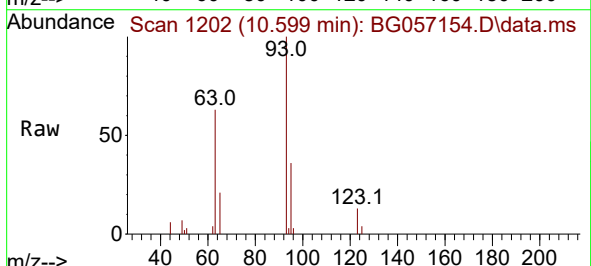
Tgt Ion: 93 Resp: 10703

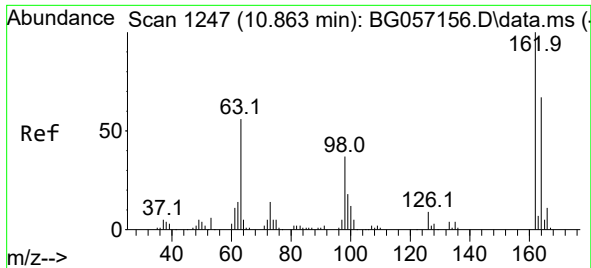
Ion Ratio Lower Upper

93 100

95 36.0 26.5 39.7

123 13.2 7.4 11.0#

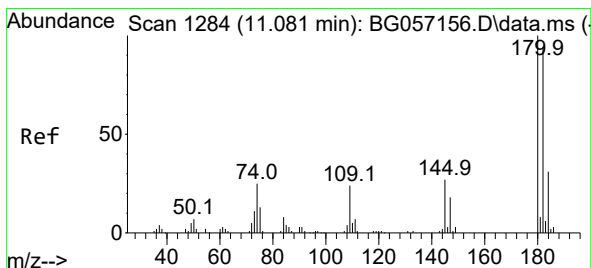
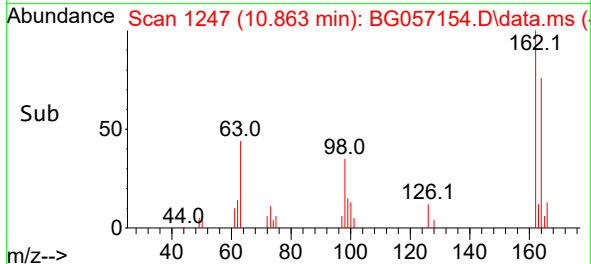
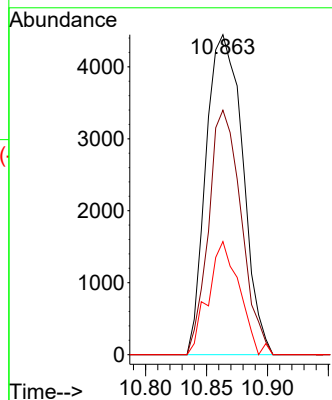
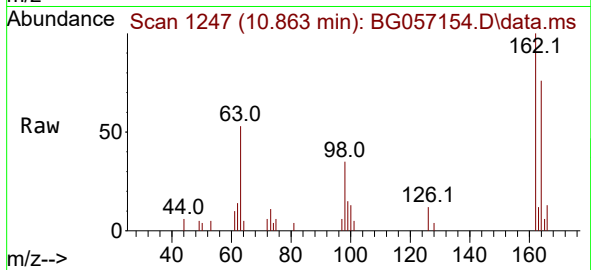




#29  
2,4-Dichlorophenol  
Concen: 8.438 ng  
RT: 10.863 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BG057154.D  
Acq: 24 Apr 2023 16:50

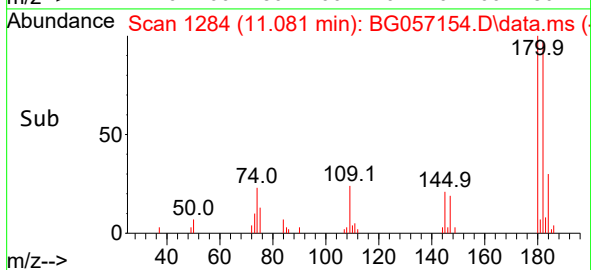
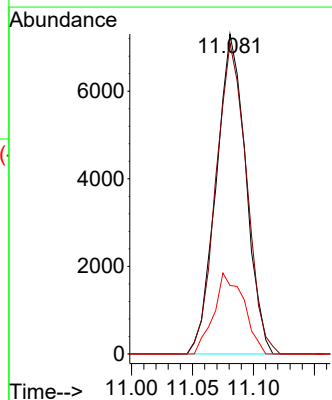
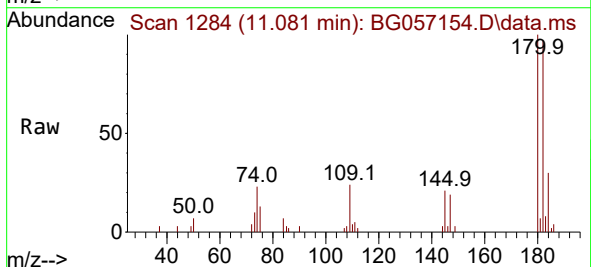
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC010

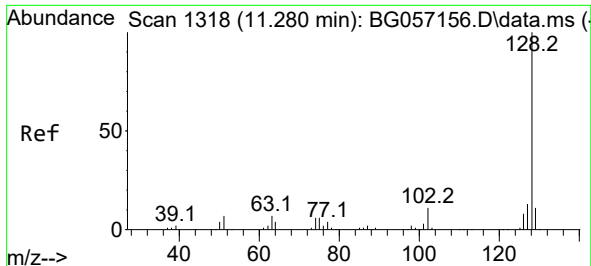
Tgt Ion:162 Resp: 9299  
Ion Ratio Lower Upper  
162 100  
164 76.4 47.2 87.2  
98 35.3 16.8 56.8



#30  
1,2,4-Trichlorobenzene  
Concen: 10.565 ng  
RT: 11.081 min Scan# 1284  
Delta R.T. 0.000 min  
Lab File: BG057154.D  
Acq: 24 Apr 2023 16:50

Tgt Ion:180 Resp: 12372  
Ion Ratio Lower Upper  
180 100  
182 97.1 75.0 112.6  
145 21.4 21.4 32.2#

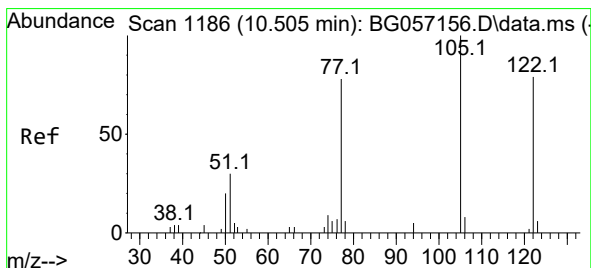
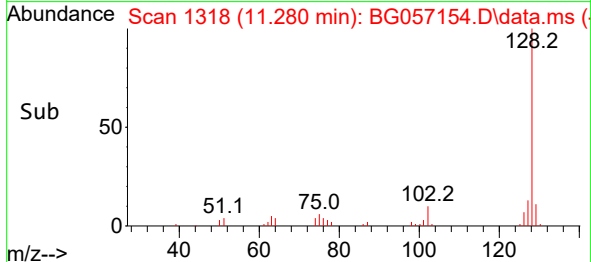
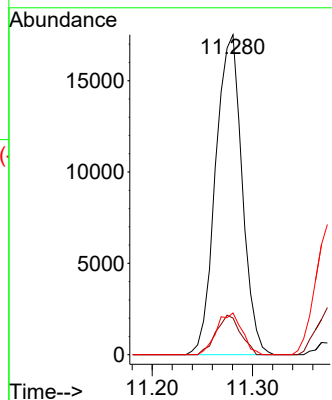
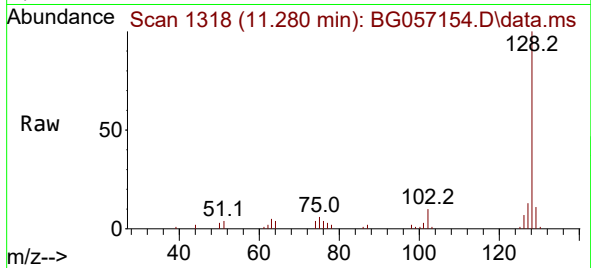




#31  
Naphthalene  
Concen: 9.787 ng  
RT: 11.280 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BG057154.D  
Acq: 24 Apr 2023 16:50

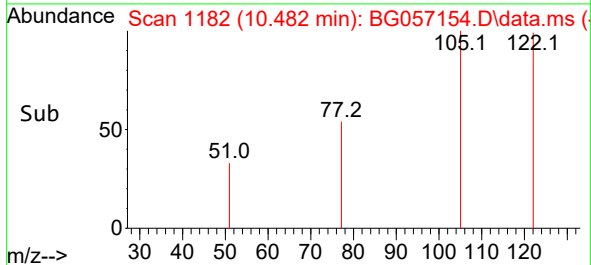
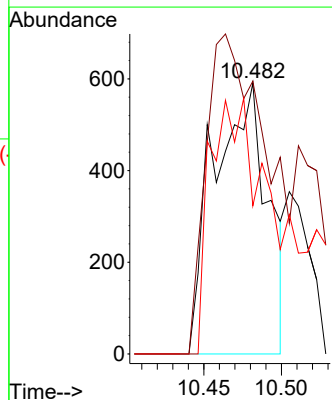
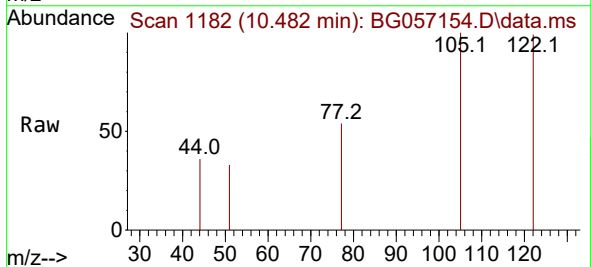
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC010

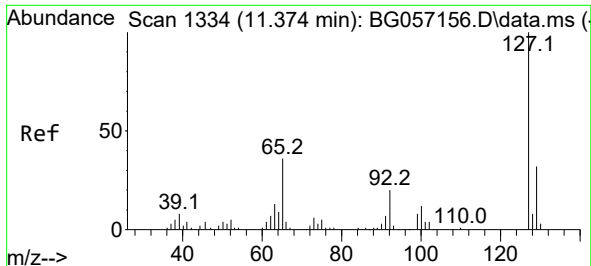
Tgt Ion:128 Resp: 32103  
Ion Ratio Lower Upper  
128 100  
129 11.5 8.8 13.2  
127 13.1 10.6 16.0



#32  
Benzoic acid  
Concen: 2.014 ng  
RT: 10.482 min Scan# 1182  
Delta R.T. -0.023 min  
Lab File: BG057154.D  
Acq: 24 Apr 2023 16:50

Tgt Ion:122 Resp: 1418  
Ion Ratio Lower Upper  
122 100  
105 100.7 104.3 144.3#  
77 54.7 79.5 119.5#

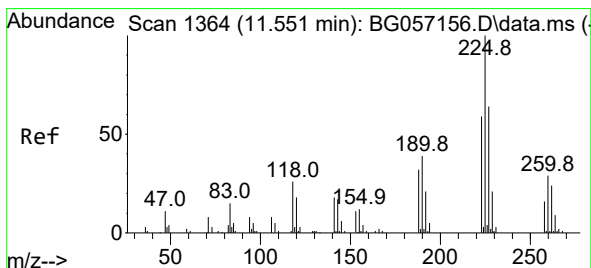
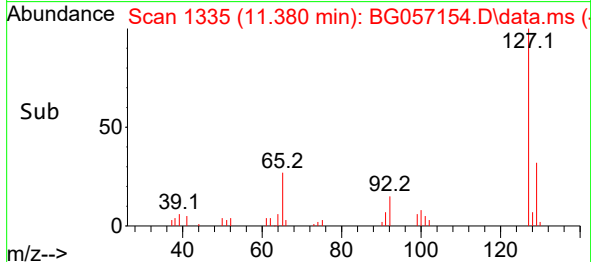
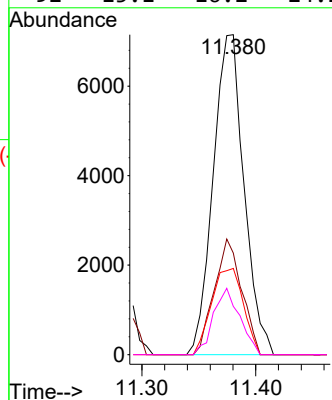
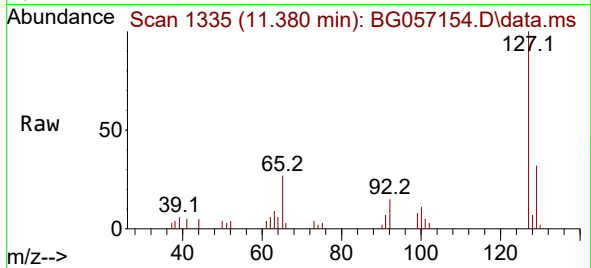




#33  
4-Chloroaniline  
Concen: 9.087 ng  
RT: 11.380 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: BG057154.D  
Acq: 24 Apr 2023 16:50

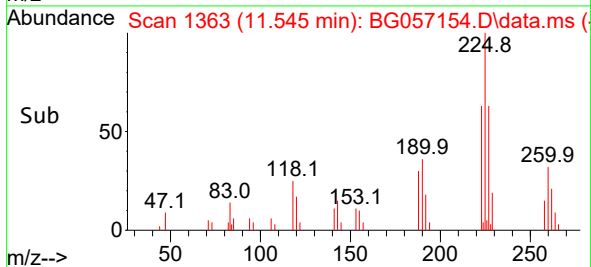
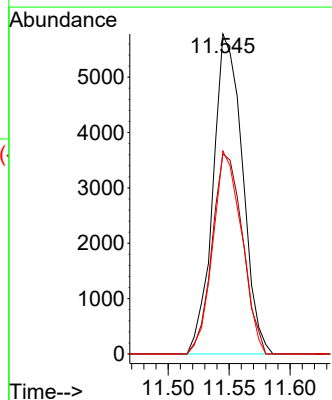
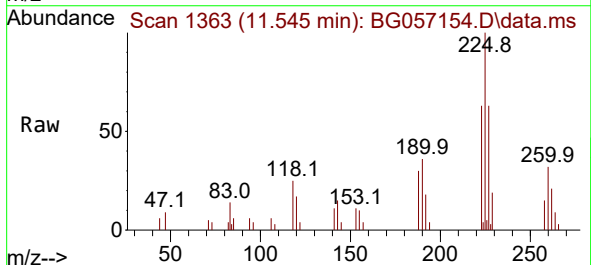
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC010

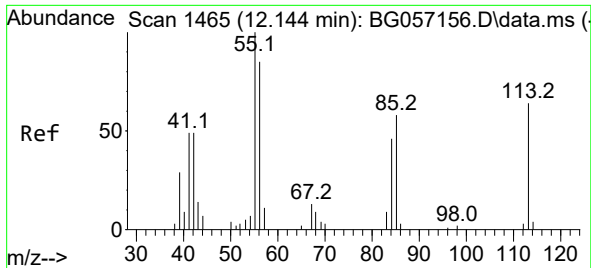
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 127   | Resp: | 13462 |
| Ion      | Ratio | Lower | Upper |
| 127      | 100   |       |       |
| 129      | 31.7  | 25.9  | 38.9  |
| 65       | 27.0  | 28.6  | 42.8# |
| 92       | 15.1  | 16.2  | 24.2# |



#34  
Hexachlorobutadiene  
Concen: 11.023 ng  
RT: 11.545 min Scan# 1363  
Delta R.T. -0.006 min  
Lab File: BG057154.D  
Acq: 24 Apr 2023 16:50

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 225   | Resp: | 9696  |
| Ion      | Ratio | Lower | Upper |
| 225      | 100   |       |       |
| 223      | 62.6  | 47.4  | 71.0  |
| 227      | 63.4  | 51.1  | 76.7  |

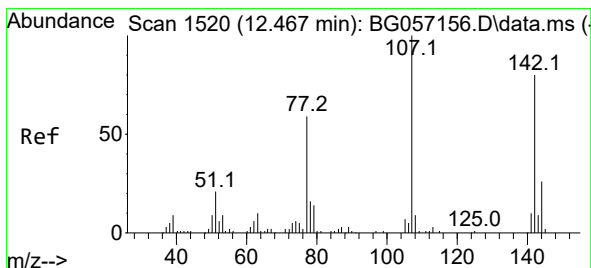
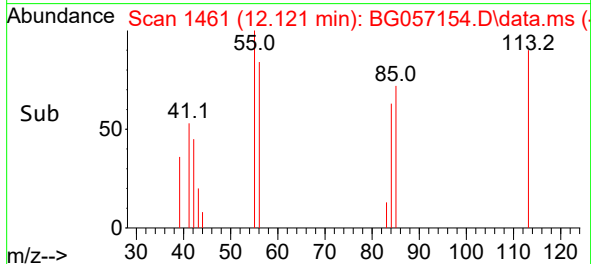
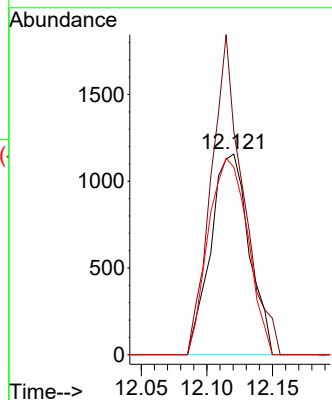
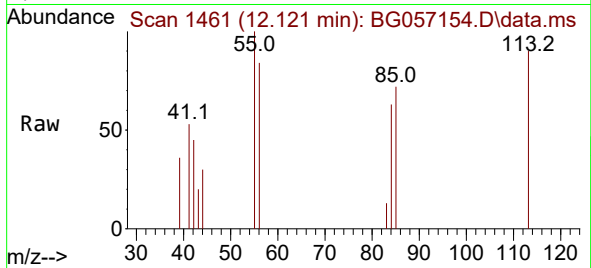




#35  
 Caprolactam  
 Concen: 6.186 ng  
 RT: 12.121 min Scan# 1461  
 Delta R.T. -0.023 min  
 Lab File: BG057154.D  
 Acq: 24 Apr 2023 16:50

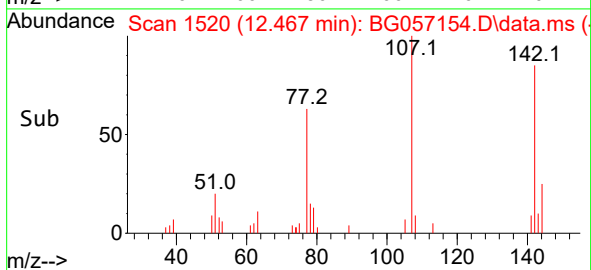
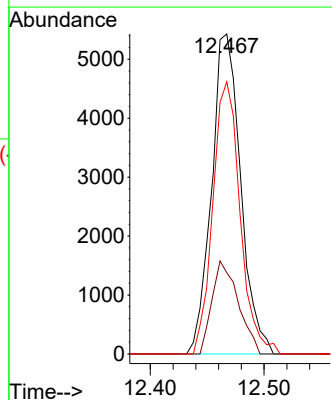
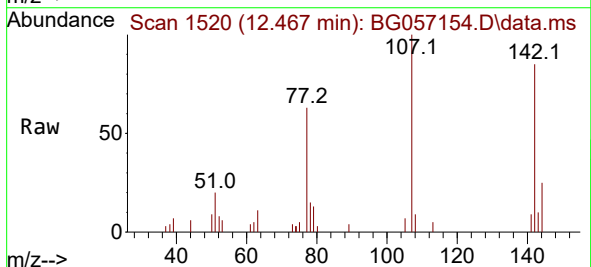
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC010

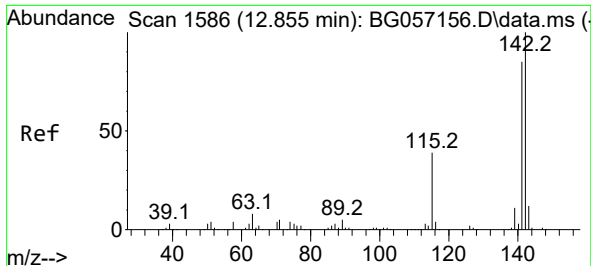
Tgt Ion:113 Resp: 2351  
 Ion Ratio Lower Upper  
 113 100  
 55 111.4 135.8 175.8#  
 56 93.4 111.8 151.8#



#36  
 4-Chloro-3-methylphenol  
 Concen: 7.843 ng  
 RT: 12.467 min Scan# 1520  
 Delta R.T. 0.000 min  
 Lab File: BG057154.D  
 Acq: 24 Apr 2023 16:50

Tgt Ion:107 Resp: 9666  
 Ion Ratio Lower Upper  
 107 100  
 144 25.4 21.0 31.6  
 142 85.0 63.8 95.8

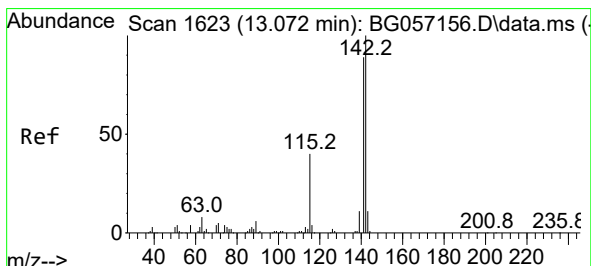
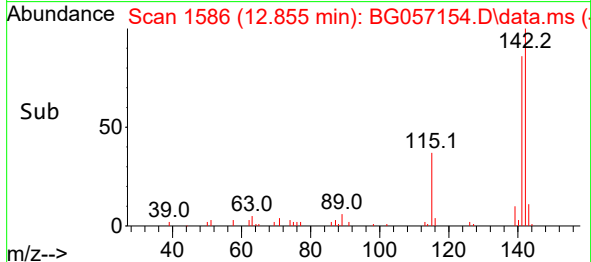
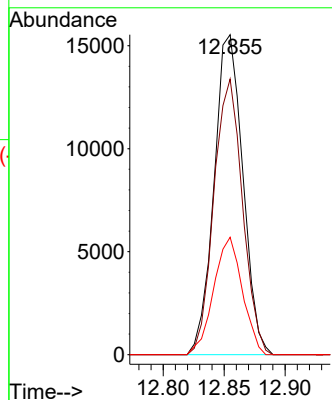
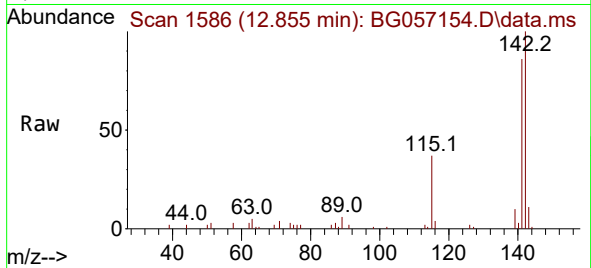




#37  
2-Methylnaphthalene  
Concen: 9.792 ng  
RT: 12.855 min Scan# 1586  
Delta R.T. 0.000 min  
Lab File: BG057154.D  
Acq: 24 Apr 2023 16:50

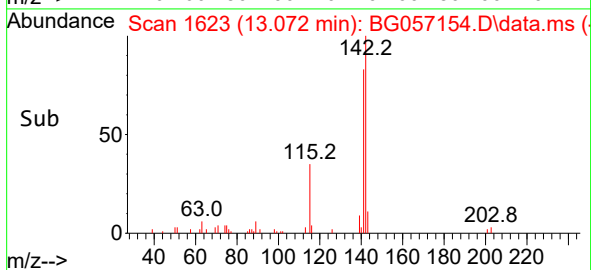
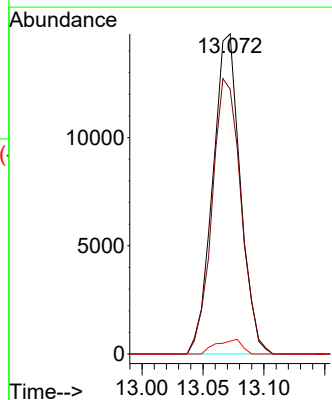
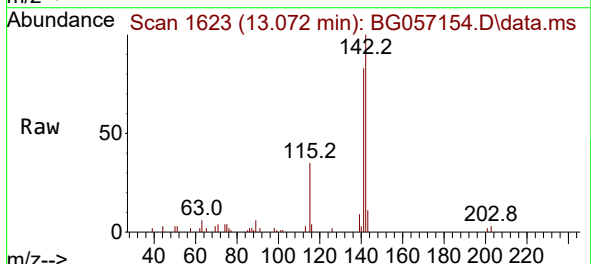
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC010

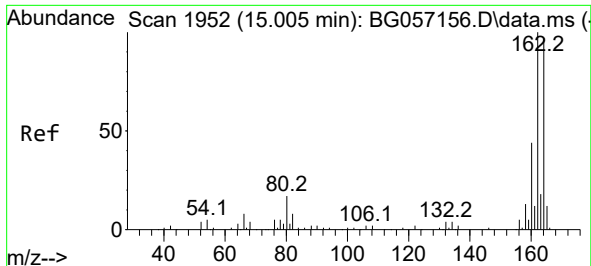
Tgt Ion:142 Resp: 25494  
Ion Ratio Lower Upper  
142 100  
141 86.2 68.1 102.1  
115 36.7 31.0 46.4



#38  
1-Methylnaphthalene  
Concen: 9.519 ng  
RT: 13.072 min Scan# 1623  
Delta R.T. 0.000 min  
Lab File: BG057154.D  
Acq: 24 Apr 2023 16:50

Tgt Ion:142 Resp: 23271  
Ion Ratio Lower Upper  
142 100  
141 82.8 71.6 107.4  
116 4.0 3.3 4.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.999 min Scan# 1951

Delta R.T. -0.006 min

Lab File: BG057154.D

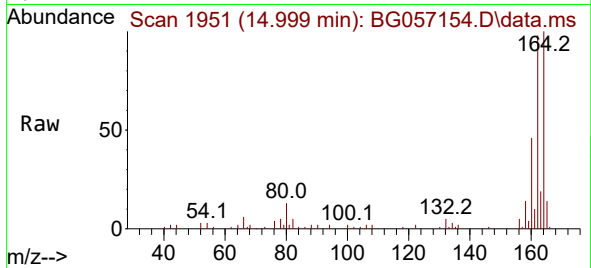
Acq: 24 Apr 2023 16:50

Instrument :

BNA\_G

ClientSampleId :

SSTDICC010



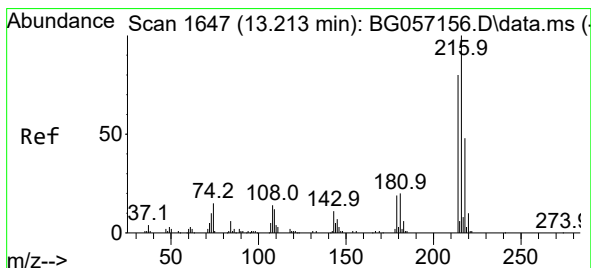
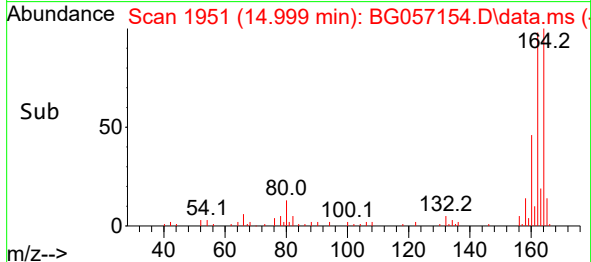
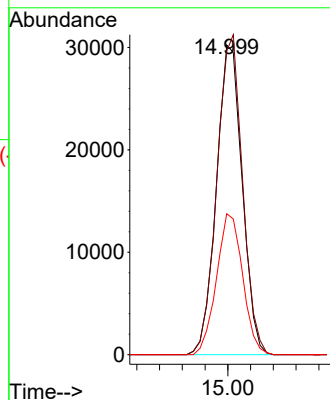
Tgt Ion:164 Resp: 47691

Ion Ratio Lower Upper

164 100

162 98.0 82.4 123.6

160 45.5 36.2 54.2



#40

1,2,4,5-Tetrachlorobenzene

Concen: 11.061 ng

RT: 13.213 min Scan# 1647

Delta R.T. 0.000 min

Lab File: BG057154.D

Acq: 24 Apr 2023 16:50

Tgt Ion:216 Resp: 18293

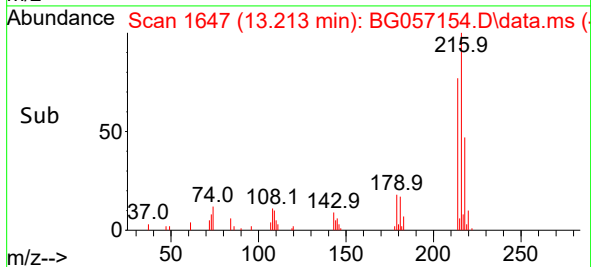
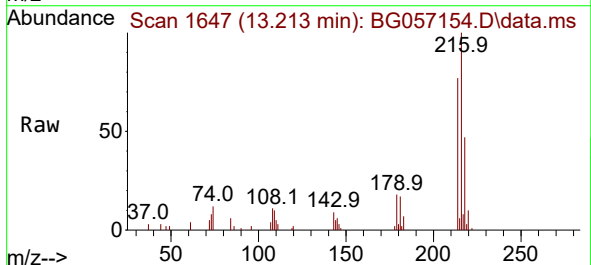
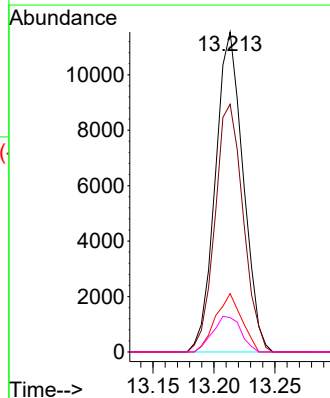
Ion Ratio Lower Upper

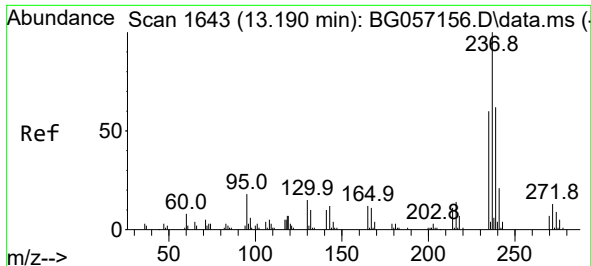
216 100

214 78.6 62.3 93.5

179 17.2 14.8 22.2

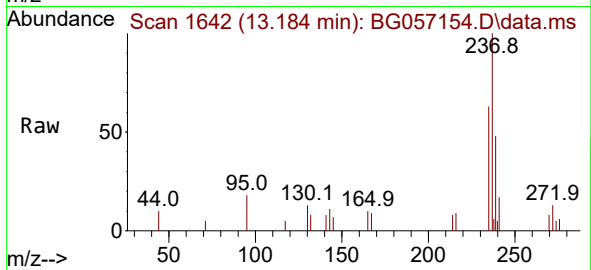
108 11.3 11.3 16.9#



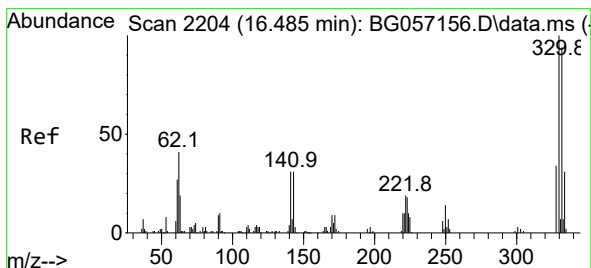
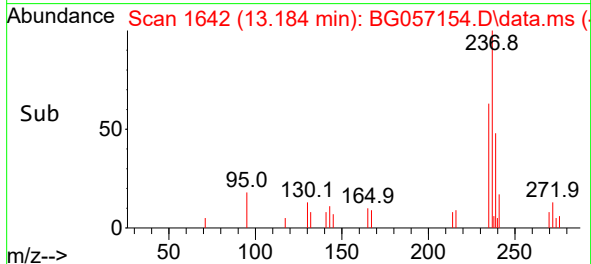
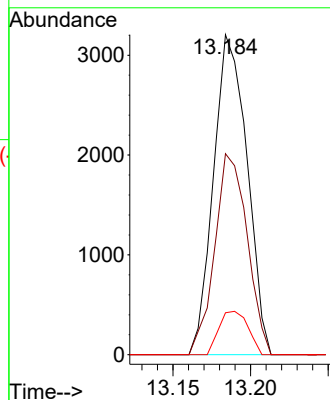


#41  
Hexachlorocyclopentadiene  
Concen: 5.278 ng  
RT: 13.184 min Scan# 1  
Delta R.T. -0.006 min  
Lab File: BG057154.D  
Acq: 24 Apr 2023 16:50

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC010

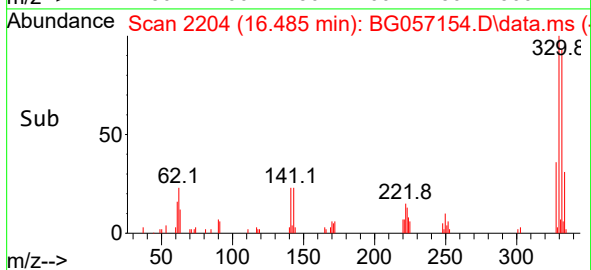
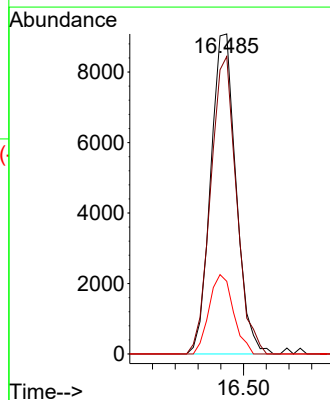
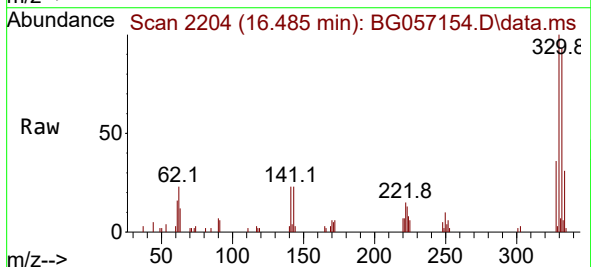


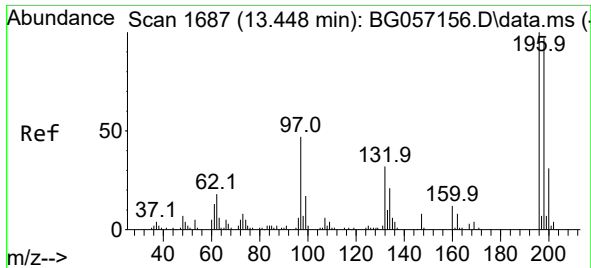
Tgt Ion:237 Resp: 4809  
Ion Ratio Lower Upper  
237 100  
235 62.8 39.7 79.7  
272 13.1 0.0 32.6



#42  
2,4,6-Tribromophenol  
Concen: 18.423 ng  
RT: 16.485 min Scan# 2204  
Delta R.T. 0.000 min  
Lab File: BG057154.D  
Acq: 24 Apr 2023 16:50

Tgt Ion:330 Resp: 14036  
Ion Ratio Lower Upper  
330 100  
332 94.3 77.6 116.4  
141 23.8 26.0 39.0#

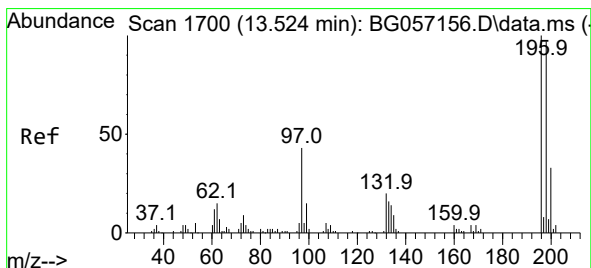
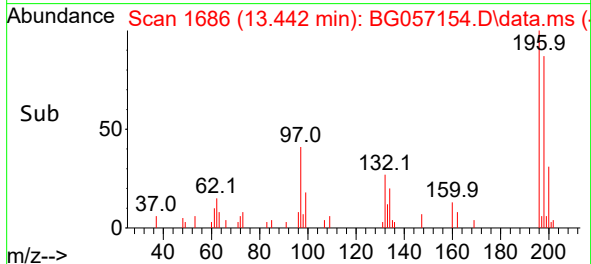
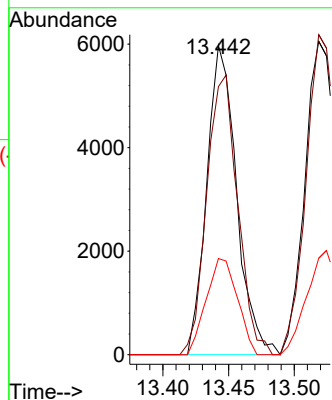
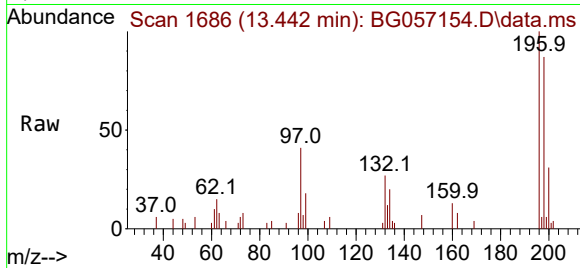




#43  
2,4,6-Trichlorophenol  
Concen: 8.917 ng  
RT: 13.442 min Scan# 1686  
Delta R.T. -0.006 min  
Lab File: BG057154.D  
Acq: 24 Apr 2023 16:50

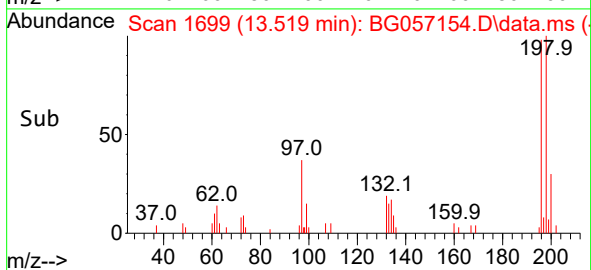
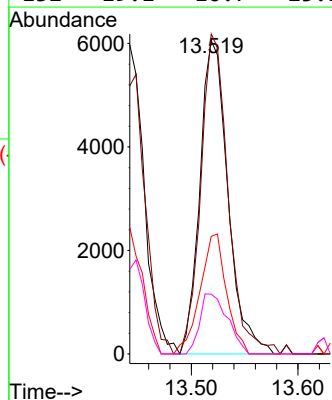
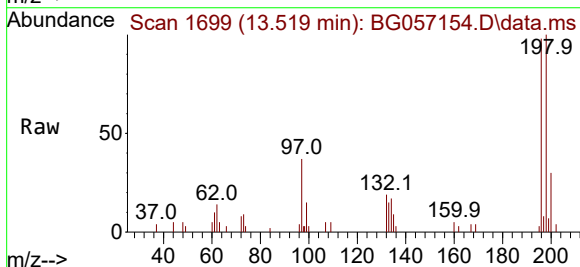
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC010

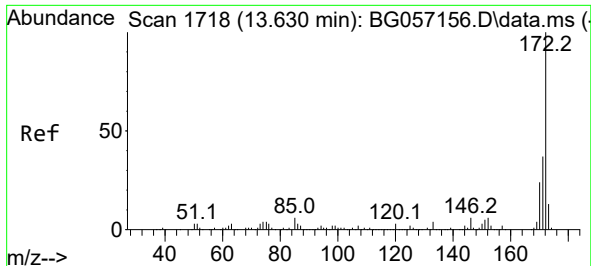
Tgt Ion:196 Resp: 9410  
Ion Ratio Lower Upper  
196 100  
198 86.6 77.5 116.3  
200 31.1 24.6 37.0



#44  
2,4,5-Trichlorophenol  
Concen: 8.870 ng  
RT: 13.519 min Scan# 1699  
Delta R.T. -0.006 min  
Lab File: BG057154.D  
Acq: 24 Apr 2023 16:50

Tgt Ion:196 Resp: 11089  
Ion Ratio Lower Upper  
196 100  
198 102.1 78.4 117.6  
97 37.6 34.6 51.8  
132 19.1 16.7 25.1

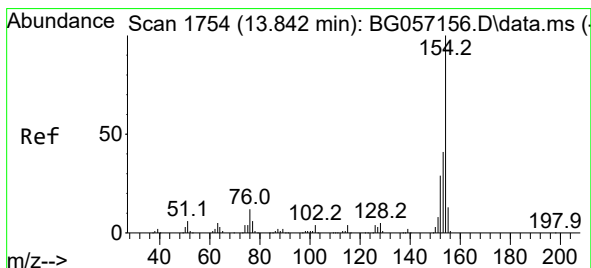
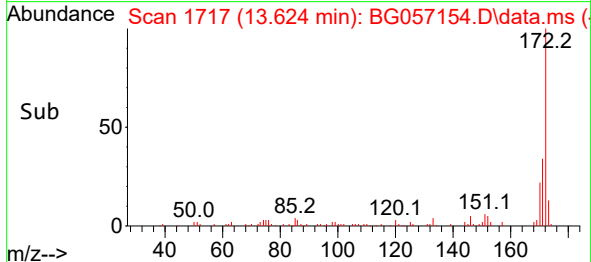
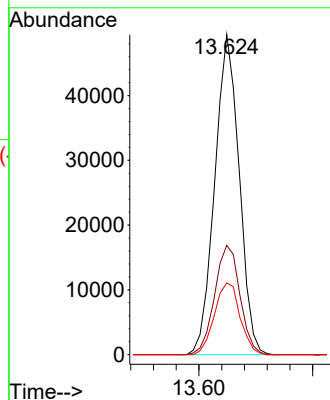
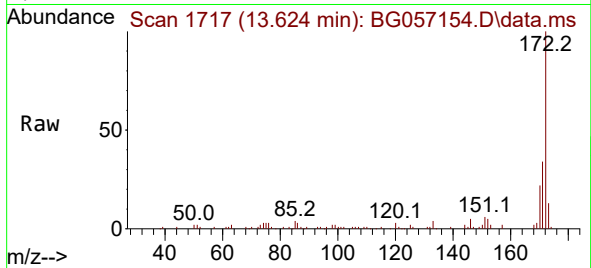




#45  
2-Fluorobiphenyl  
Concen: 20.935 ng  
RT: 13.624 min Scan# 1717  
Delta R.T. -0.006 min  
Lab File: BG057154.D  
Acq: 24 Apr 2023 16:50

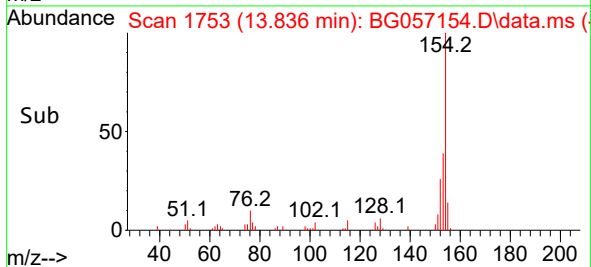
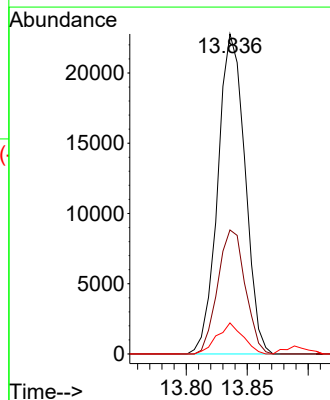
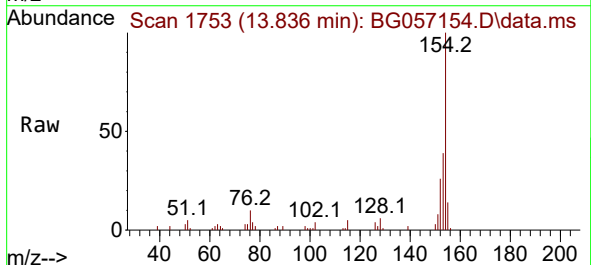
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC010

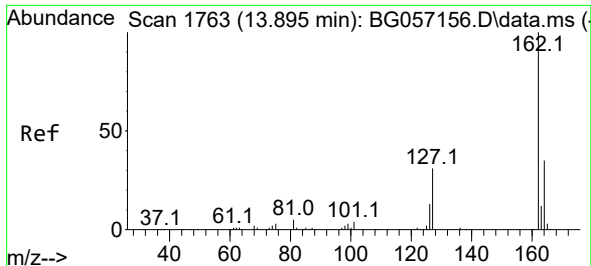
Tgt Ion:172 Resp: 73628  
Ion Ratio Lower Upper  
172 100  
171 34.2 29.2 43.8  
170 22.5 19.4 29.2



#46  
1,1'-Biphenyl  
Concen: 10.114 ng  
RT: 13.836 min Scan# 1753  
Delta R.T. -0.006 min  
Lab File: BG057154.D  
Acq: 24 Apr 2023 16:50

Tgt Ion:154 Resp: 35309  
Ion Ratio Lower Upper  
154 100  
153 38.7 20.9 60.9  
76 9.7 0.0 32.3

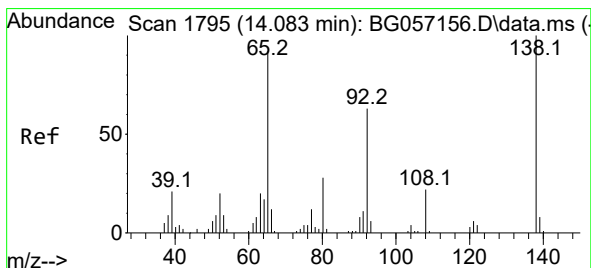
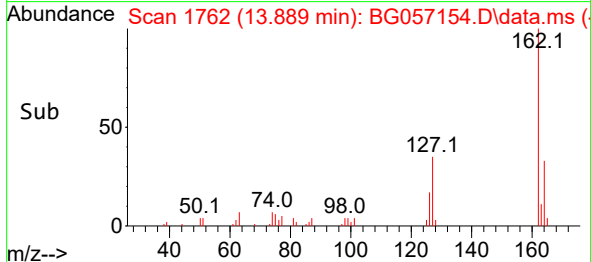
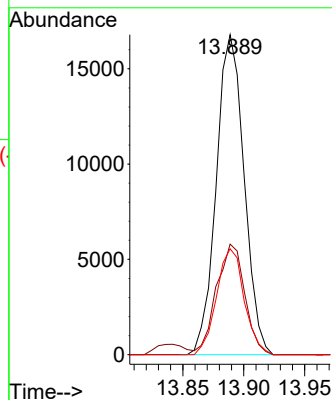
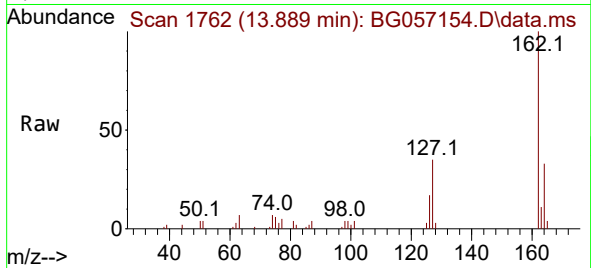




#47  
2-Chloronaphthalene  
Concen: 10.324 ng  
RT: 13.889 min Scan# 1762  
Delta R.T. -0.006 min  
Lab File: BG057154.D  
Acq: 24 Apr 2023 16:50

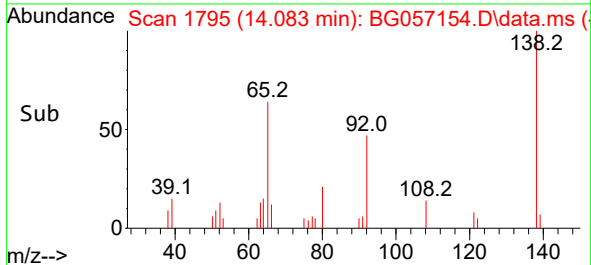
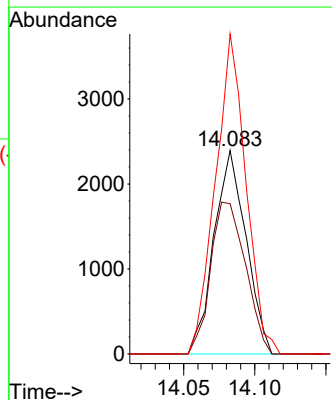
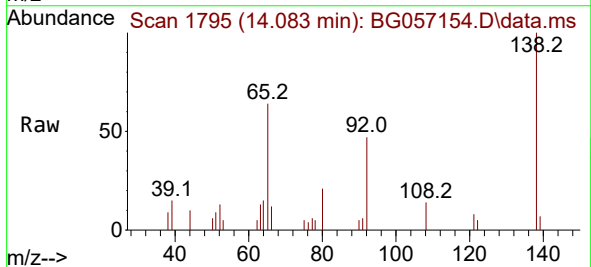
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC010

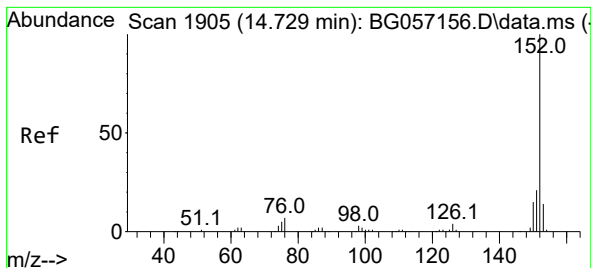
Tgt Ion:162 Resp: 26657  
Ion Ratio Lower Upper  
162 100  
127 34.5 28.7 43.1  
164 33.1 27.8 41.6



#48  
2-Nitroaniline  
Concen: 4.060 ng  
RT: 14.083 min Scan# 1795  
Delta R.T. 0.000 min  
Lab File: BG057154.D  
Acq: 24 Apr 2023 16:50

Tgt Ion: 65 Resp: 3748  
Ion Ratio Lower Upper  
65 100  
92 73.8 54.9 82.3  
138 157.3 86.6 129.8#





#49

Acenaphthylene

Concen: 9.744 ng

RT: 14.729 min Scan# 1905

Delta R.T. 0.000 min

Lab File: BG057154.D

Acq: 24 Apr 2023 16:50

Instrument :

BNA\_G

ClientSampleId :

SSTDICC010

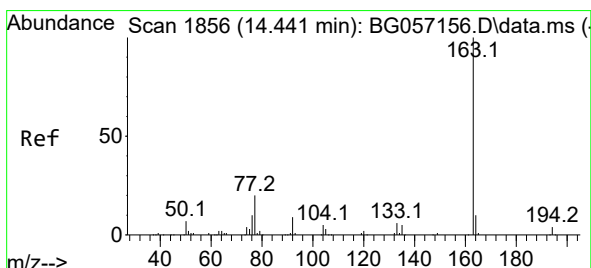
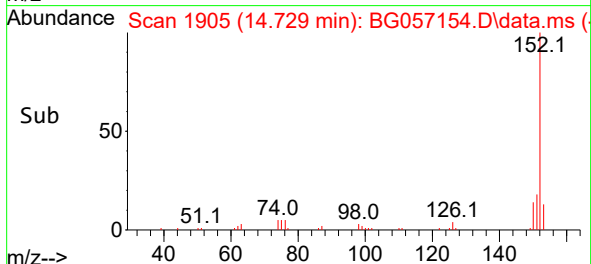
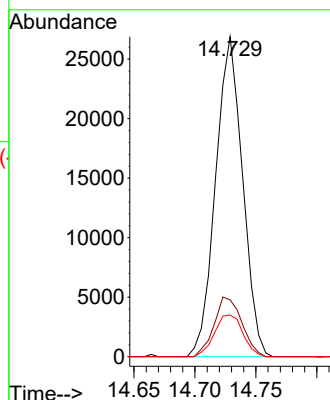
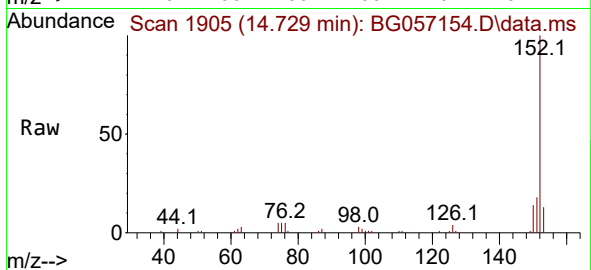
Tgt Ion:152 Resp: 41337

Ion Ratio Lower Upper

152 100

151 17.8 16.9 25.3

153 13.0 11.0 16.6



#50

Dimethylphthalate

Concen: 8.552 ng

RT: 14.435 min Scan# 1855

Delta R.T. -0.006 min

Lab File: BG057154.D

Acq: 24 Apr 2023 16:50

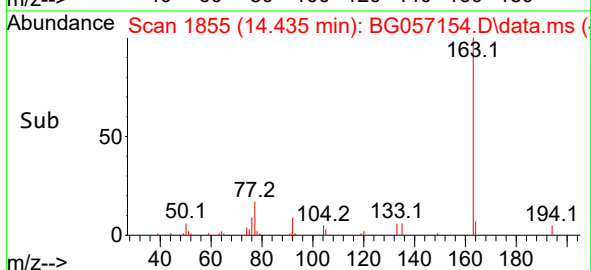
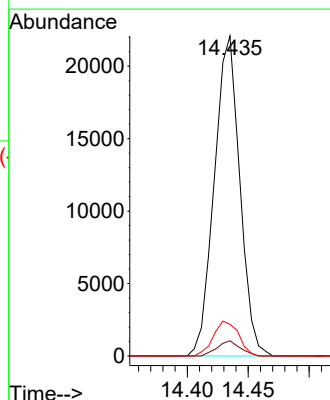
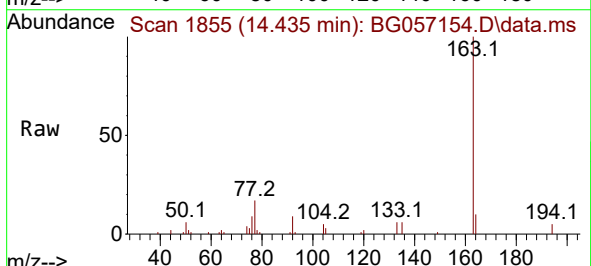
Tgt Ion:163 Resp: 32137

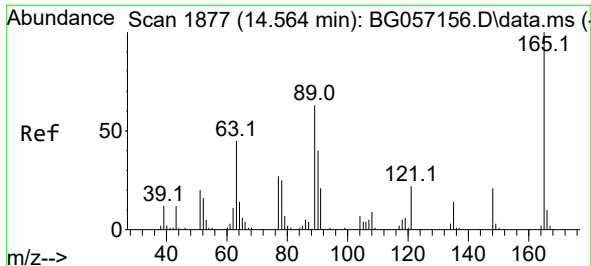
Ion Ratio Lower Upper

163 100

194 4.7 3.3 4.9

164 9.9 8.2 12.4

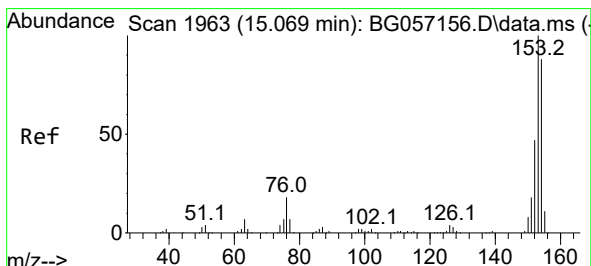
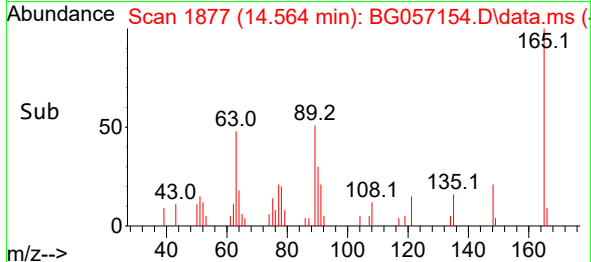
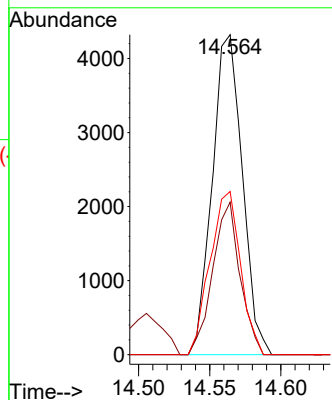
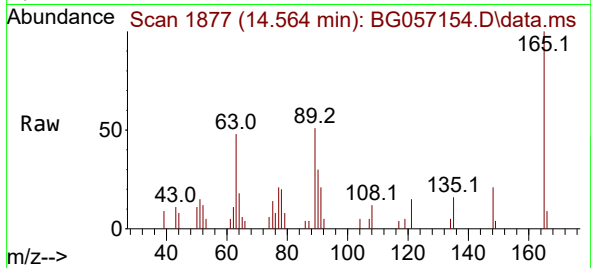




#51  
2,6-Dinitrotoluene  
Concen: 7.824 ng  
RT: 14.564 min Scan# 1877  
Delta R.T. 0.000 min  
Lab File: BG057154.D  
Acq: 24 Apr 2023 16:50

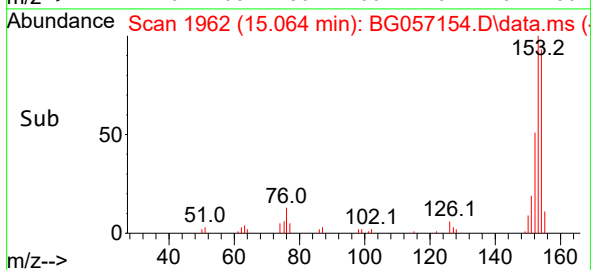
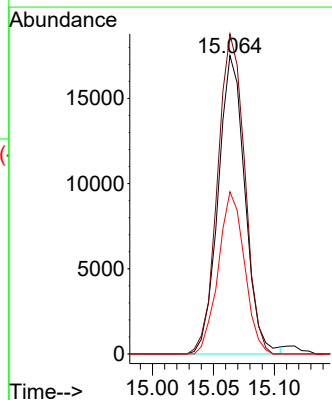
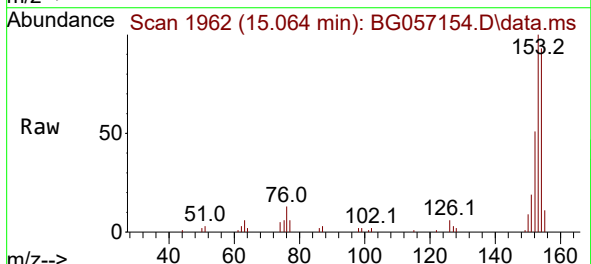
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC010

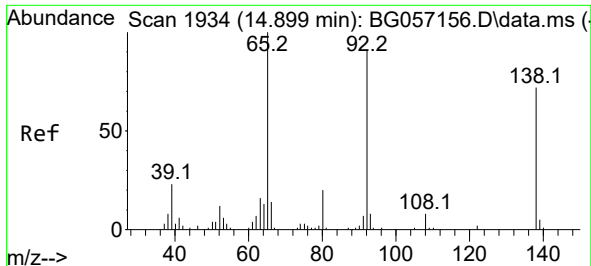
Tgt Ion:165 Resp: 6352  
Ion Ratio Lower Upper  
165 100  
63 47.6 45.5 68.3  
89 51.0 50.1 75.1



#52  
Acenaphthene  
Concen: 9.147 ng  
RT: 15.064 min Scan# 1962  
Delta R.T. -0.006 min  
Lab File: BG057154.D  
Acq: 24 Apr 2023 16:50

Tgt Ion:154 Resp: 26763  
Ion Ratio Lower Upper  
154 100  
153 107.3 91.0 136.4  
152 54.4 43.0 64.6

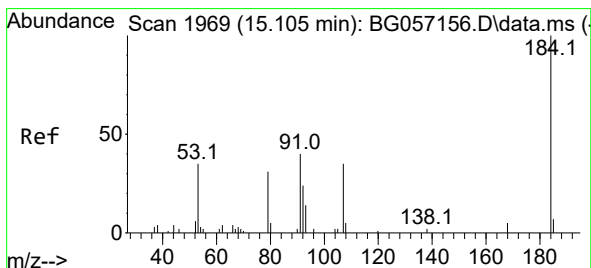
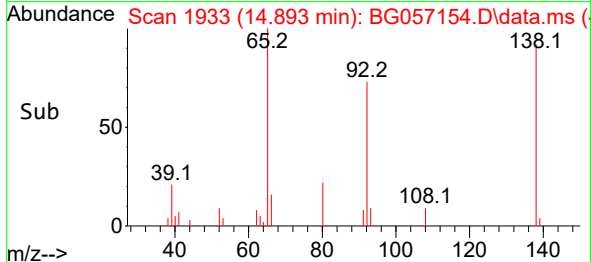
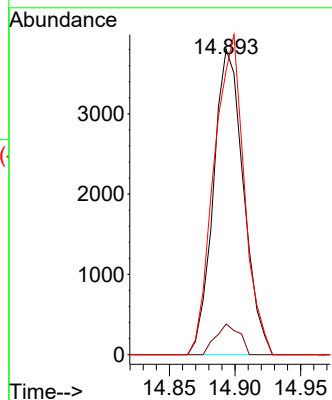
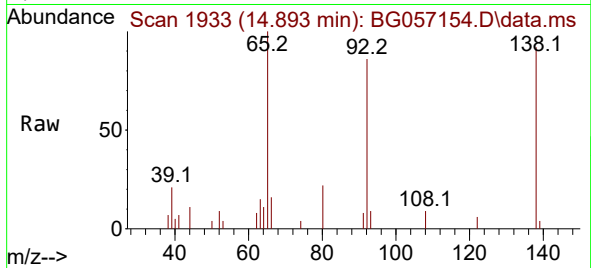




#53  
3-Nitroaniline  
Concen: 7.550 ng  
RT: 14.893 min Scan# 1933  
Delta R.T. -0.006 min  
Lab File: BG057154.D  
Acq: 24 Apr 2023 16:50

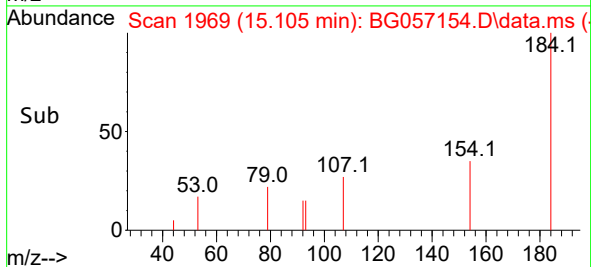
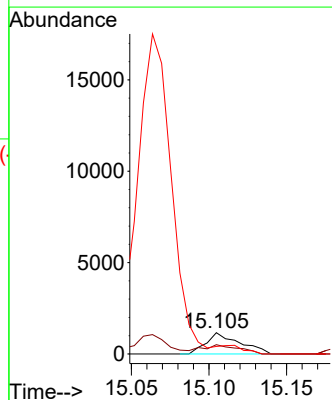
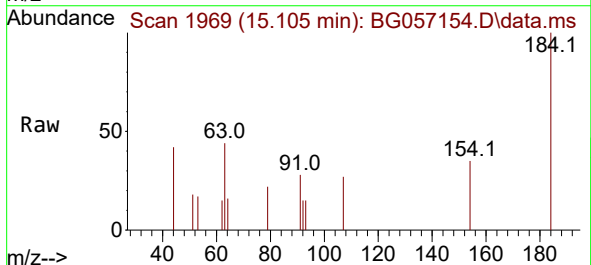
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC010

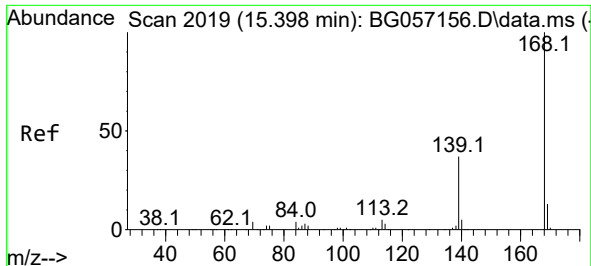
Tgt Ion:138 Resp: 6067  
Ion Ratio Lower Upper  
138 100  
108 10.1 8.8 13.2  
92 93.1 101.4 152.2#



#54  
2,4-Dinitrophenol  
Concen: 3.812 ng  
RT: 15.105 min Scan# 1969  
Delta R.T. 0.000 min  
Lab File: BG057154.D  
Acq: 24 Apr 2023 16:50

Tgt Ion:184 Resp: 1742  
Ion Ratio Lower Upper  
184 100  
63 43.5 43.4 65.0  
154 35.3 45.2 67.8#

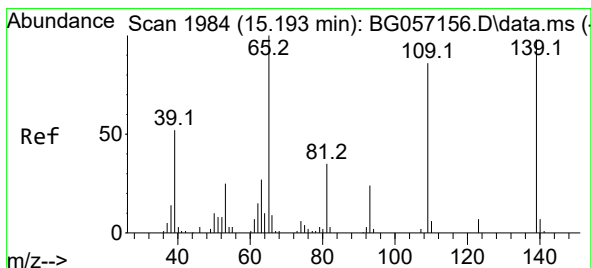
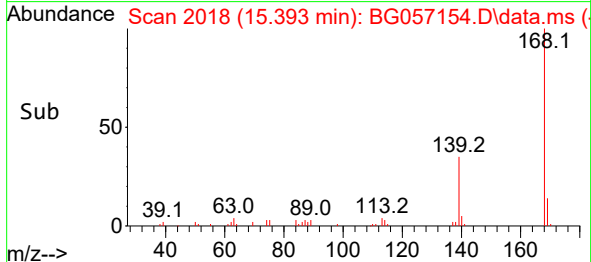
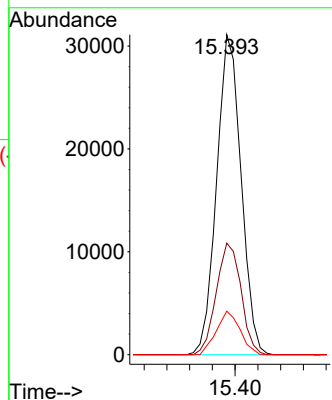
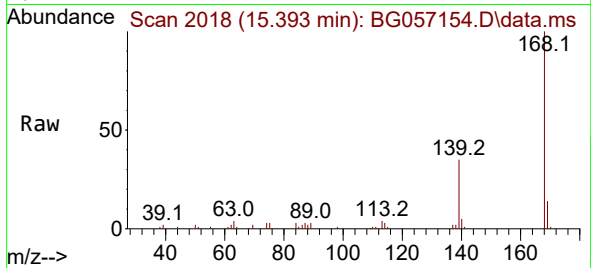




#55  
Dibenzofuran  
Concen: 10.568 ng  
RT: 15.393 min Scan# 2019  
Delta R.T. -0.006 min  
Lab File: BG057154.D  
Acq: 24 Apr 2023 16:50

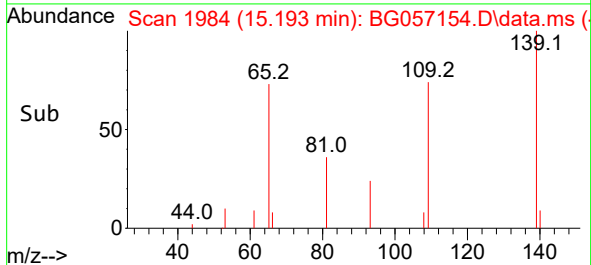
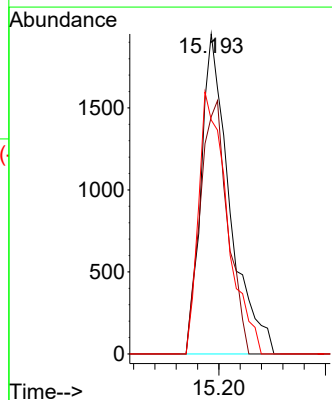
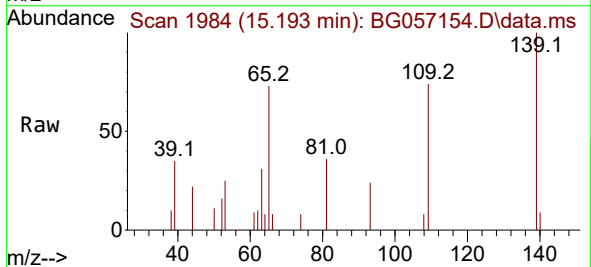
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC010

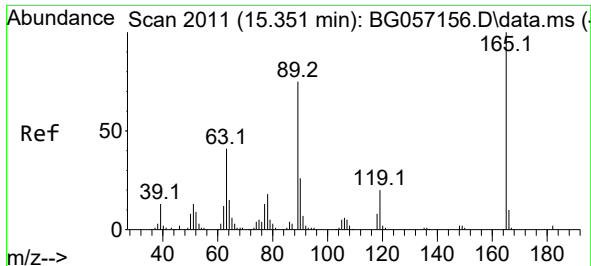
Tgt Ion:168 Resp: 46406  
Ion Ratio Lower Upper  
168 100  
139 34.9 29.2 43.8  
169 13.6 10.6 15.8



#56  
4-Nitrophenol  
Concen: 6.112 ng  
RT: 15.193 min Scan# 1984  
Delta R.T. 0.000 min  
Lab File: BG057154.D  
Acq: 24 Apr 2023 16:50

Tgt Ion:139 Resp: 3632  
Ion Ratio Lower Upper  
139 100  
109 74.2 67.3 107.3  
65 73.1 82.0 122.0#





#57

2,4-Dinitrotoluene

Concen: 7.352 ng

RT: 15.346 min Scan# 20

Delta R.T. -0.006 min

Lab File: BG057154.D

Acq: 24 Apr 2023 16:50

Instrument :

BNA\_G

ClientSampleId :

SSTDICC010

Tgt Ion:165 Resp: 8419

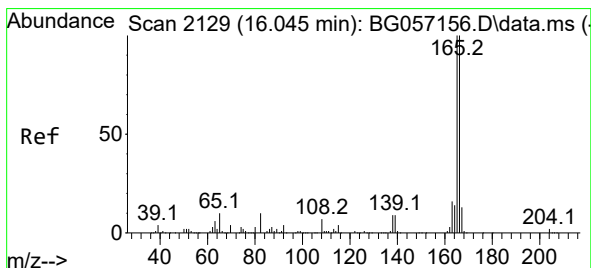
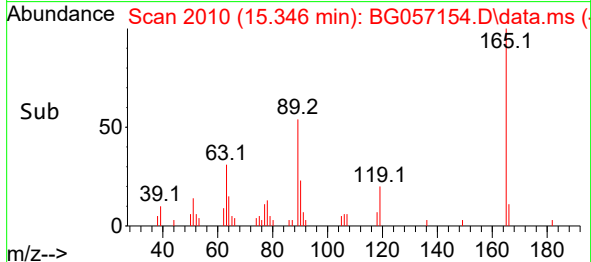
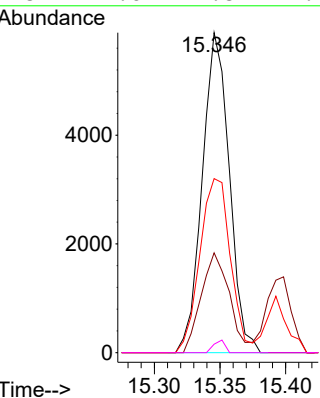
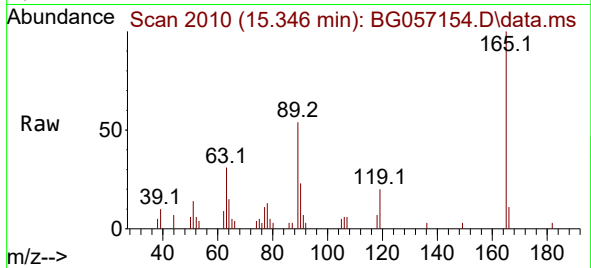
Ion Ratio Lower Upper

165 100

63 31.2 33.0 49.4#

89 54.4 60.0 90.0#

182 2.6 1.8 2.6



#58

Fluorene

Concen: 10.092 ng

RT: 16.039 min Scan# 2128

Delta R.T. -0.006 min

Lab File: BG057154.D

Acq: 24 Apr 2023 16:50

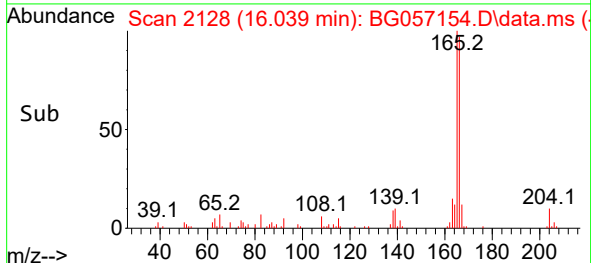
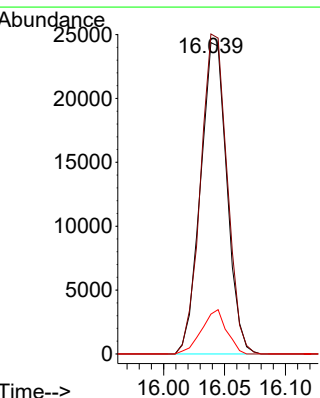
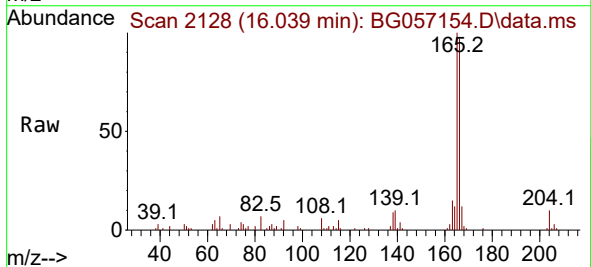
Tgt Ion:166 Resp: 36671

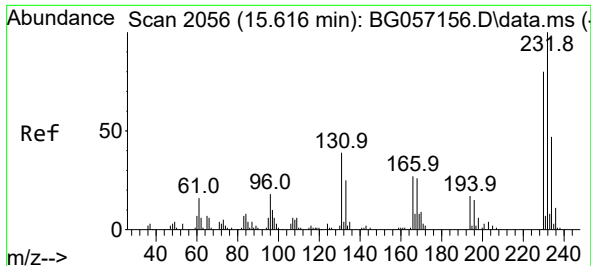
Ion Ratio Lower Upper

166 100

165 102.8 79.8 119.6

167 12.8 10.7 16.1

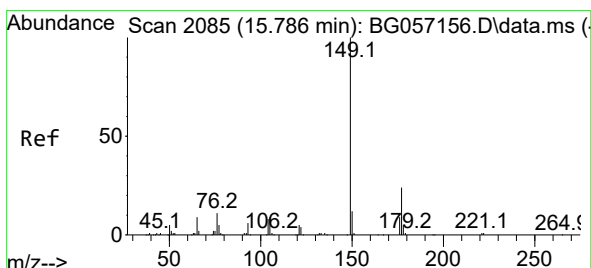
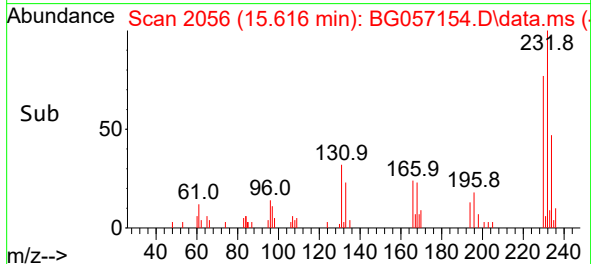
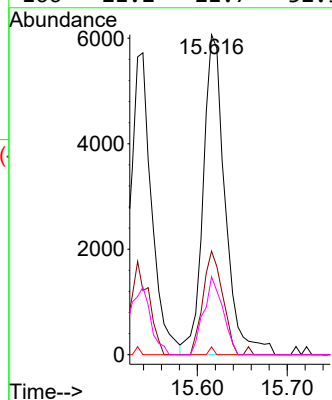
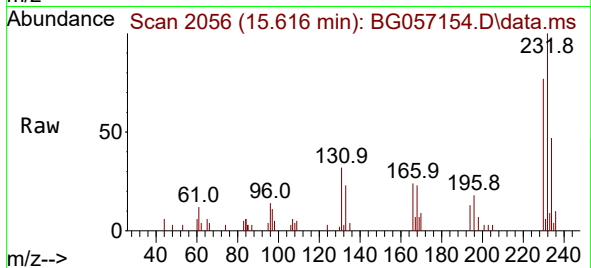




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 9.055 ng  
RT: 15.616 min Scan# 2056  
Delta R.T. 0.000 min  
Lab File: BG057154.D  
Acq: 24 Apr 2023 16:50

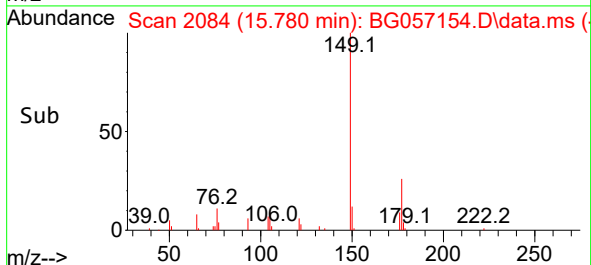
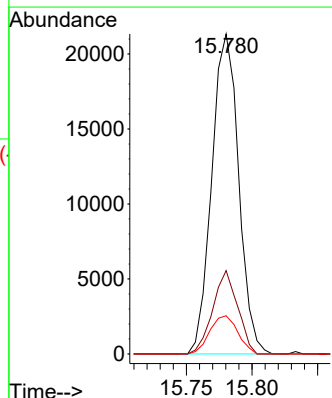
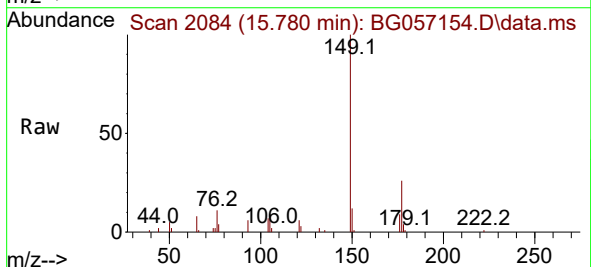
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDIC010

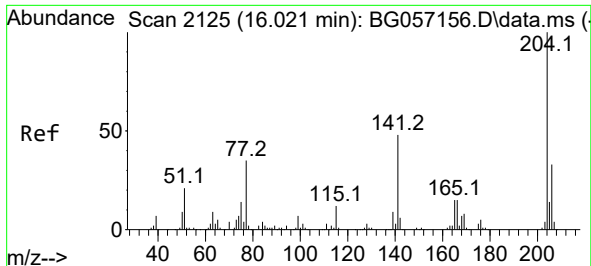
Tgt Ion:232 Resp: 10308  
Ion Ratio Lower Upper  
232 100  
131 28.9 30.8 46.2#  
130 0.5 1.6 2.4#  
166 21.2 21.7 32.5#



#60  
Diethylphthalate  
Concen: 8.056 ng  
RT: 15.780 min Scan# 2084  
Delta R.T. -0.006 min  
Lab File: BG057154.D  
Acq: 24 Apr 2023 16:50

Tgt Ion:149 Resp: 30346  
Ion Ratio Lower Upper  
149 100  
177 26.0 19.0 28.4  
150 11.9 9.8 14.8

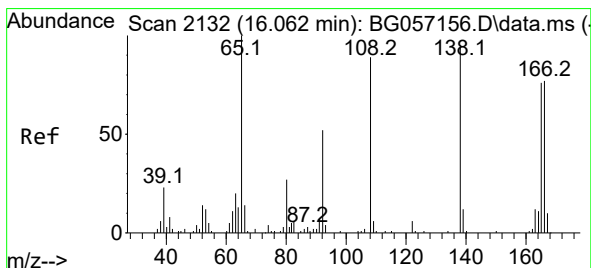
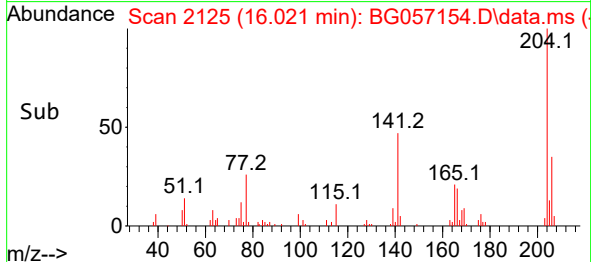
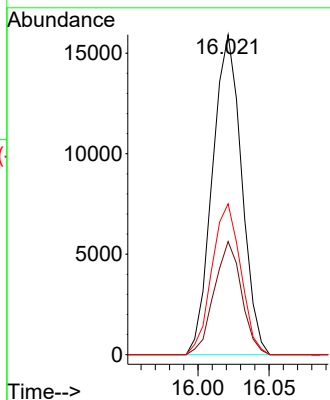
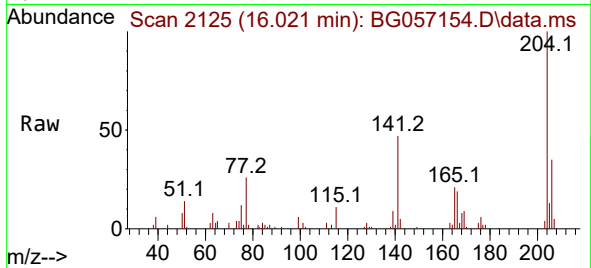




#61  
4-Chlorophenyl-phenylether  
Concen: 10.662 ng  
RT: 16.021 min Scan# 2125  
Delta R.T. 0.000 min  
Lab File: BG057154.D  
Acq: 24 Apr 2023 16:50

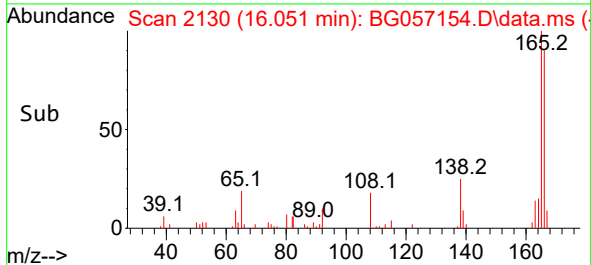
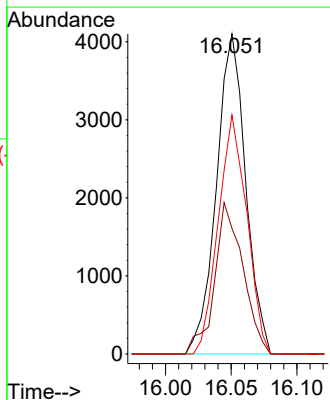
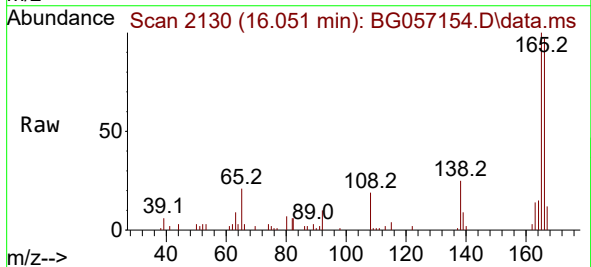
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC010

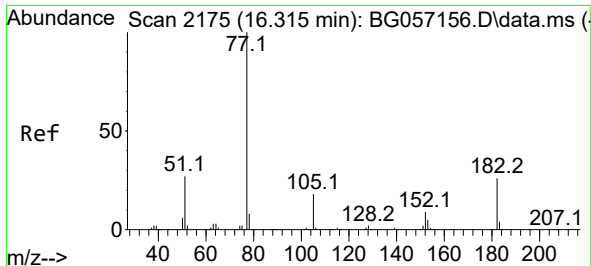
Tgt Ion:204 Resp: 22748  
Ion Ratio Lower Upper  
204 100  
206 35.3 26.3 39.5  
141 47.2 38.6 57.8



#62  
4-Nitroaniline  
Concen: 7.637 ng  
RT: 16.051 min Scan# 2130  
Delta R.T. -0.012 min  
Lab File: BG057154.D  
Acq: 24 Apr 2023 16:50

Tgt Ion:138 Resp: 6359  
Ion Ratio Lower Upper  
138 100  
92 39.2 34.9 74.9  
108 74.7 73.0 113.0

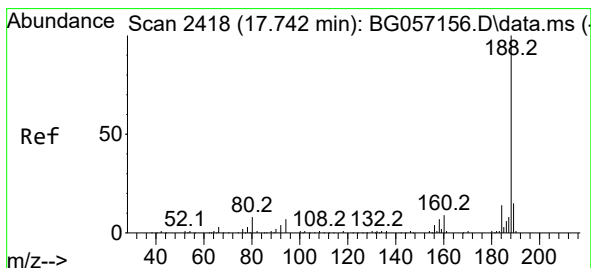
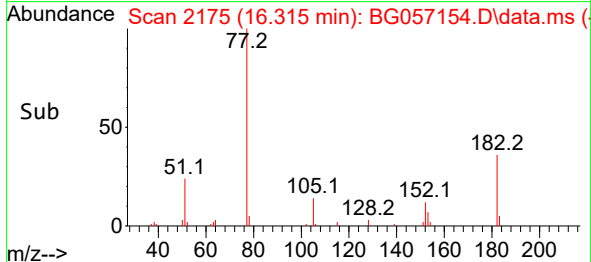
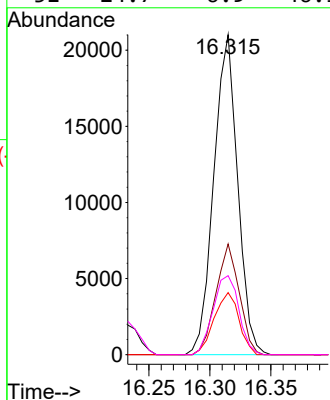
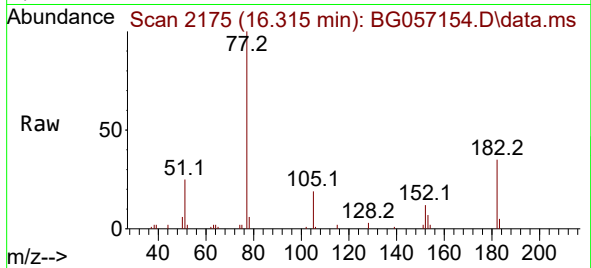




#63  
Azobenzene  
Concen: 7.624 ng  
RT: 16.315 min Scan# 2175  
Delta R.T. 0.000 min  
Lab File: BG057154.D  
Acq: 24 Apr 2023 16:50

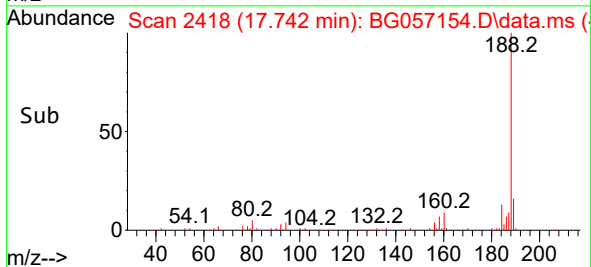
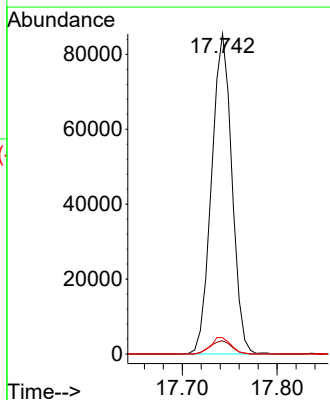
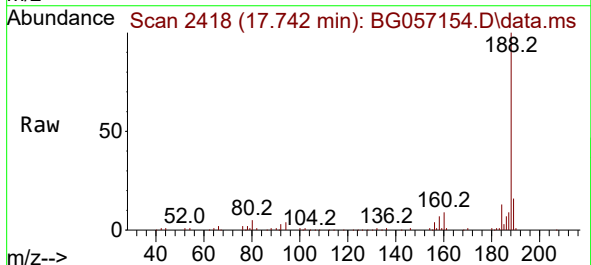
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC010

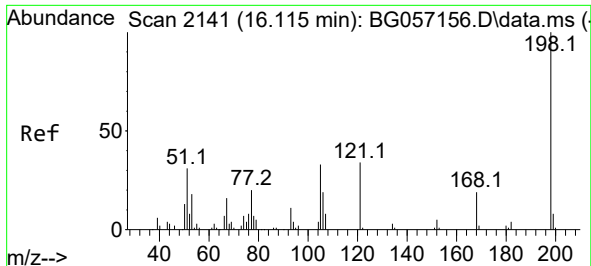
|             |             |
|-------------|-------------|
| Tgt Ion: 77 | Resp: 28623 |
| Ion Ratio   | Lower Upper |
| 77 100      |             |
| 182 34.6    | 6.1 46.1    |
| 105 19.4    | 0.0 38.4    |
| 51 24.7     | 6.9 46.9    |



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.742 min Scan# 2418  
Delta R.T. 0.000 min  
Lab File: BG057154.D  
Acq: 24 Apr 2023 16:50

|             |              |
|-------------|--------------|
| Tgt Ion:188 | Resp: 127114 |
| Ion Ratio   | Lower Upper  |
| 188 100     |              |
| 94 4.2      | 5.4 8.0#     |
| 80 5.1      | 6.2 9.2#     |

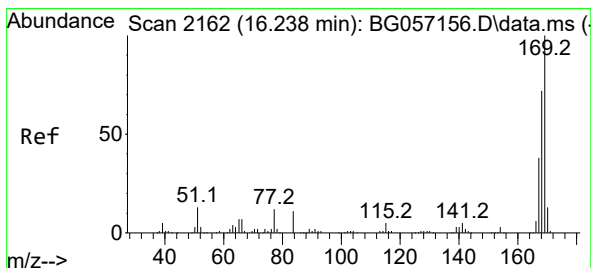
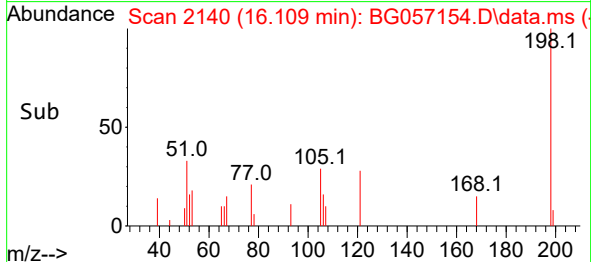
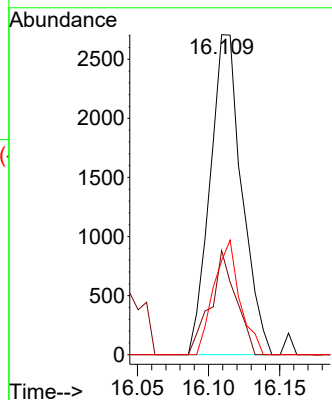
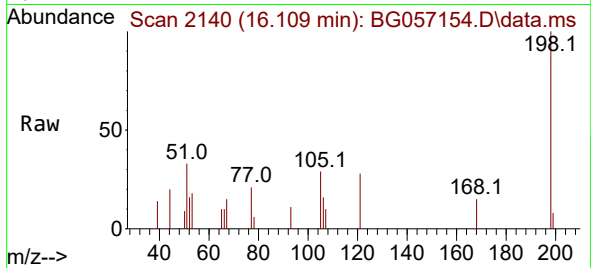




#65  
4,6-Dinitro-2-methylphenol  
Concen: 5.478 ng  
RT: 16.109 min Scan# 2141  
Delta R.T. -0.006 min  
Lab File: BG057154.D  
Acq: 24 Apr 2023 16:50

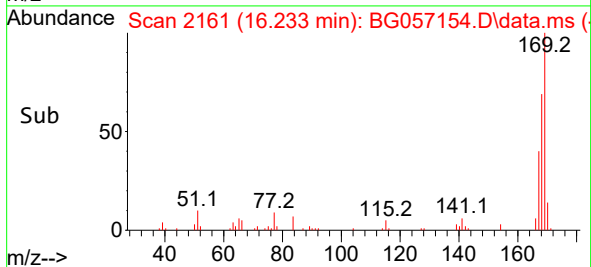
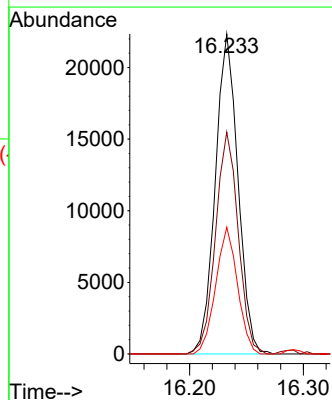
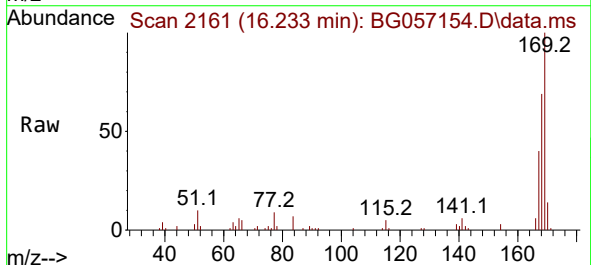
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC010

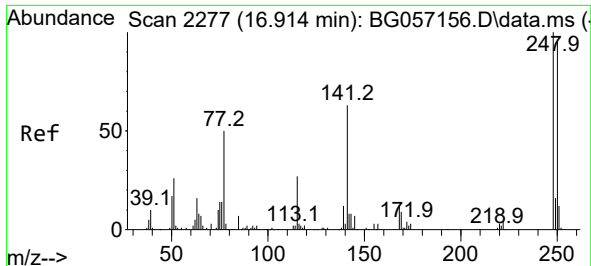
Tgt Ion:198 Resp: 4217  
Ion Ratio Lower Upper  
198 100  
51 32.5 13.1 53.1  
105 29.4 14.1 54.1



#66  
n-Nitrosodiphenylamine  
Concen: 9.071 ng  
RT: 16.233 min Scan# 2161  
Delta R.T. -0.006 min  
Lab File: BG057154.D  
Acq: 24 Apr 2023 16:50

Tgt Ion:169 Resp: 30953  
Ion Ratio Lower Upper  
169 100  
168 69.4 57.8 86.6  
167 39.6 30.5 45.7

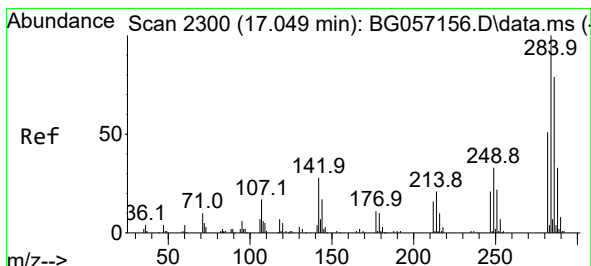
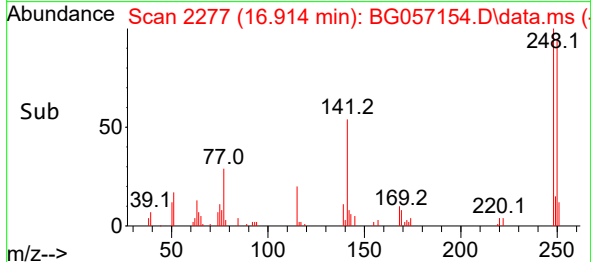
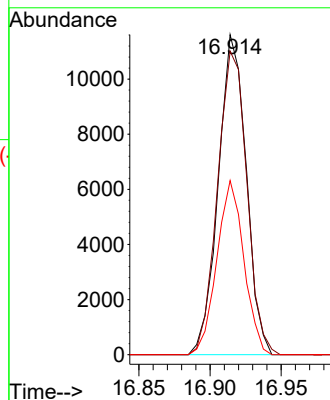
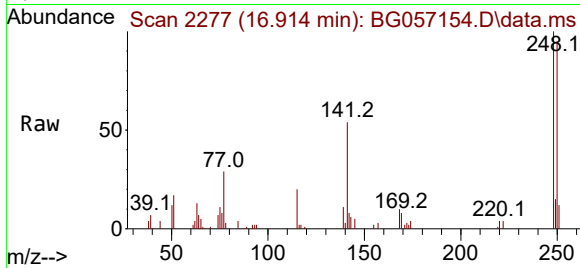




#67  
4-Bromophenyl-phenylether  
Concen: 10.077 ng  
RT: 16.914 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: BG057154.D  
Acq: 24 Apr 2023 16:50

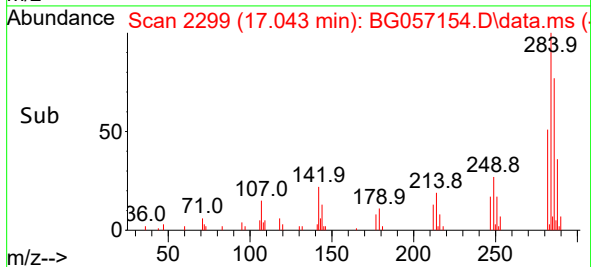
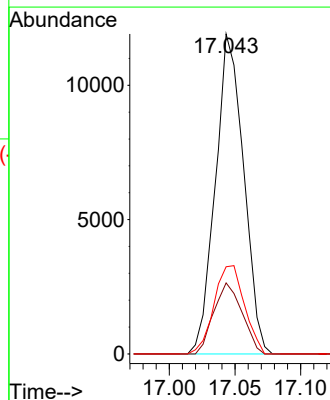
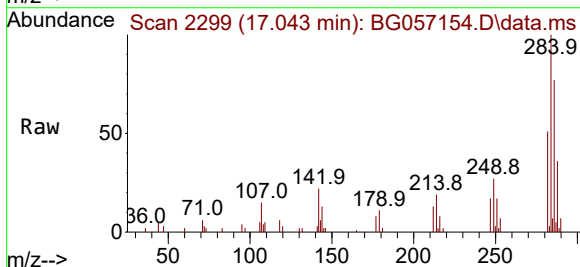
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC010

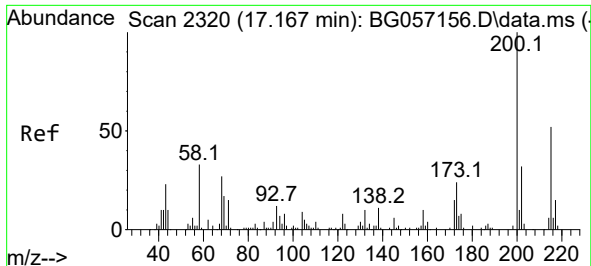
Tgt Ion:248 Resp: 15849  
Ion Ratio Lower Upper  
248 100  
250 94.8 75.8 113.8  
141 54.4 50.1 75.1



#68  
Hexachlorobenzene  
Concen: 11.451 ng  
RT: 17.043 min Scan# 2299  
Delta R.T. -0.006 min  
Lab File: BG057154.D  
Acq: 24 Apr 2023 16:50

Tgt Ion:284 Resp: 17806  
Ion Ratio Lower Upper  
284 100  
142 22.2 22.6 33.8#  
249 27.3 26.6 40.0

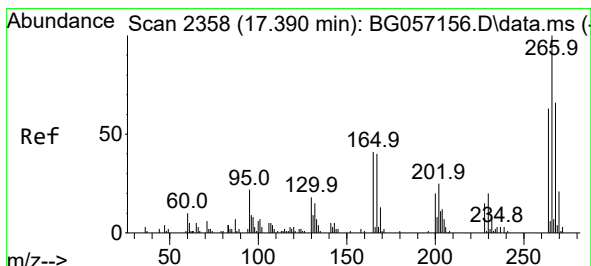
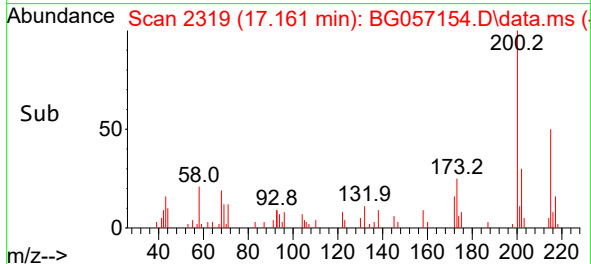
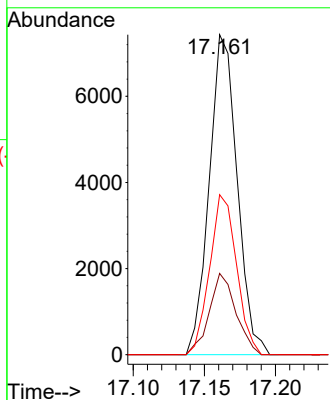
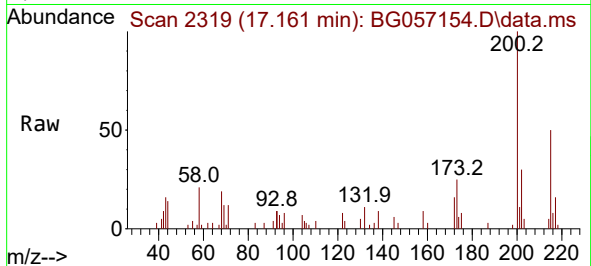




#69  
 Atrazine  
 Concen: 7.164 ng  
 RT: 17.161 min Scan# 21  
 Delta R.T. -0.006 min  
 Lab File: BG057154.D  
 Acq: 24 Apr 2023 16:50

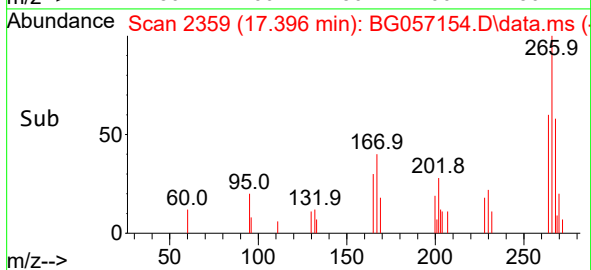
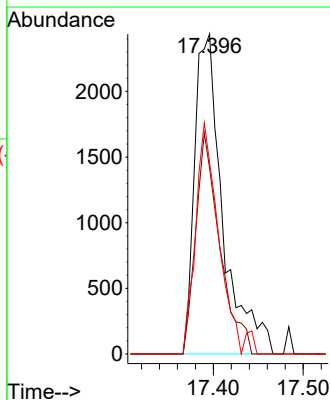
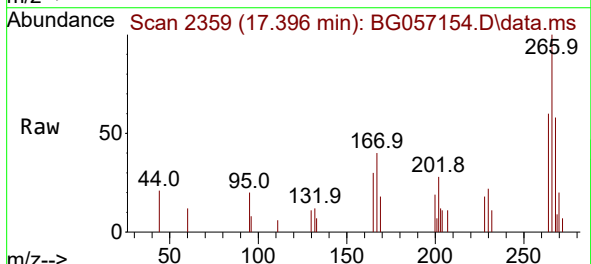
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC010

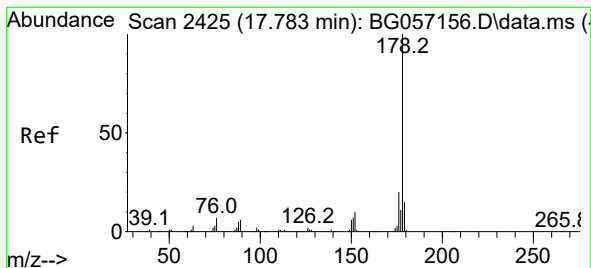
Tgt Ion:200 Resp: 10147  
 Ion Ratio Lower Upper  
 200 100  
 173 25.4 4.2 44.2  
 215 50.0 31.8 71.8



#70  
 Pentachlorophenol  
 Concen: 4.748 ng  
 RT: 17.396 min Scan# 2359  
 Delta R.T. 0.006 min  
 Lab File: BG057154.D  
 Acq: 24 Apr 2023 16:50

Tgt Ion:266 Resp: 5297  
 Ion Ratio Lower Upper  
 266 100  
 268 58.1 52.5 78.7  
 264 59.9 50.7 76.1





#71

Phenanthrene

Concen: 9.951 ng

RT: 17.783 min Scan# 2425

Delta R.T. 0.000 min

Lab File: BG057154.D

Acq: 24 Apr 2023 16:50

Instrument :

BNA\_G

ClientSampleId :

SSTDICC010

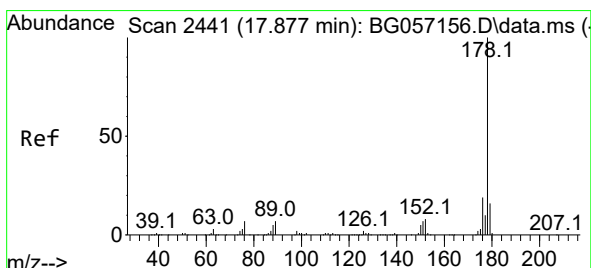
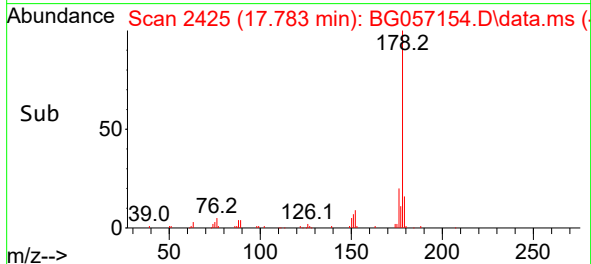
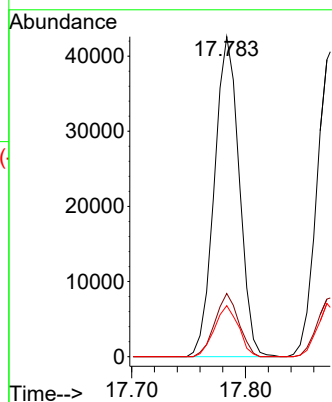
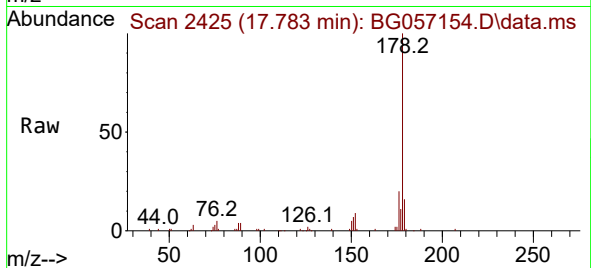
Tgt Ion:178 Resp: 64488

Ion Ratio Lower Upper

178 100

176 19.7 15.6 23.4

179 16.0 12.4 18.6



#72

Anthracene

Concen: 9.741 ng

RT: 17.877 min Scan# 2441

Delta R.T. 0.000 min

Lab File: BG057154.D

Acq: 24 Apr 2023 16:50

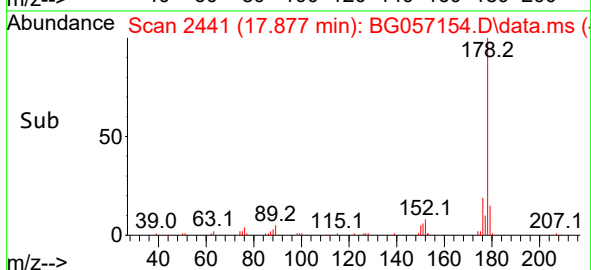
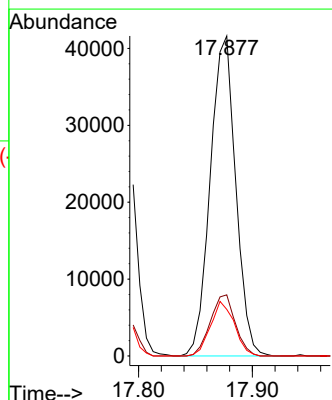
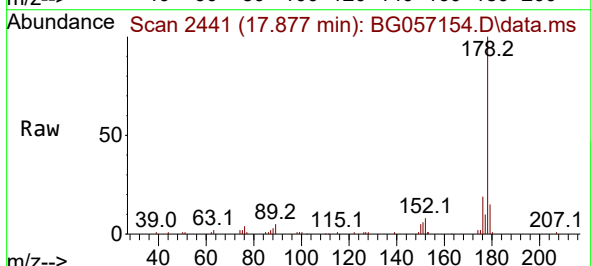
Tgt Ion:178 Resp: 64714

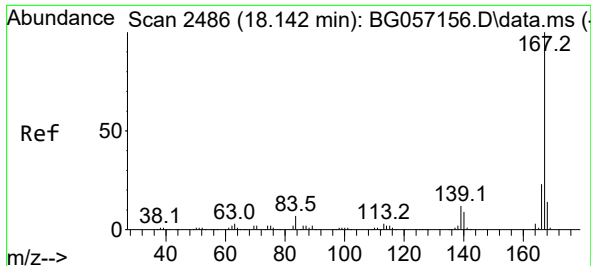
Ion Ratio Lower Upper

178 100

176 19.1 14.9 22.3

179 14.5 12.5 18.7

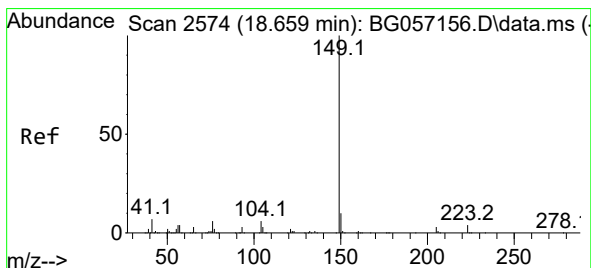
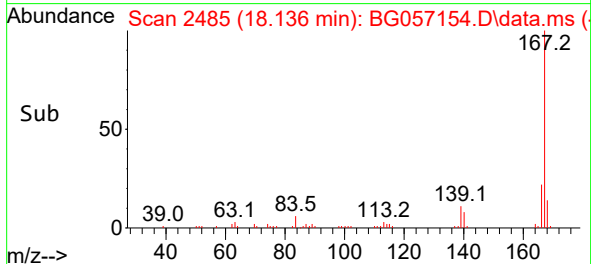
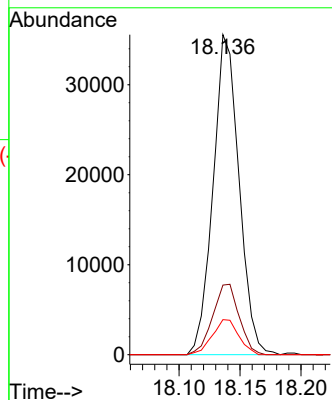
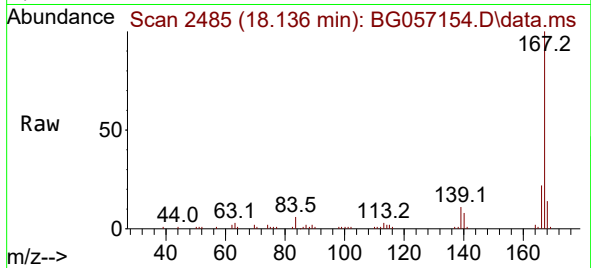




#73  
Carbazole  
Concen: 9.081 ng  
RT: 18.136 min Scan# 2485  
Delta R.T. -0.006 min  
Lab File: BG057154.D  
Acq: 24 Apr 2023 16:50

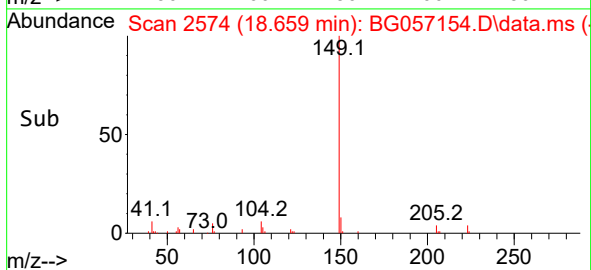
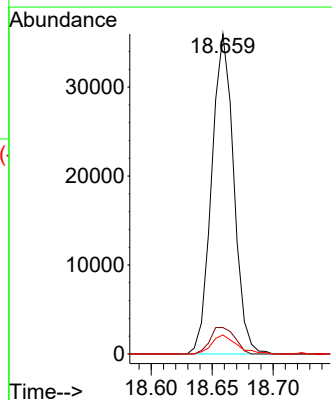
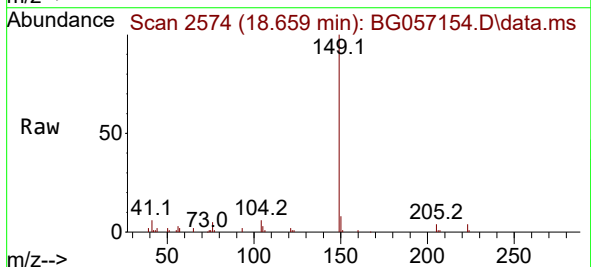
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC010

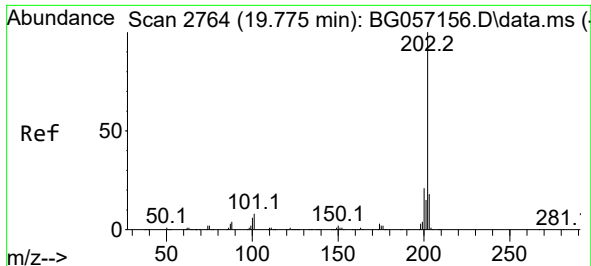
Tgt Ion:167 Resp: 52599  
Ion Ratio Lower Upper  
167 100  
166 21.7 18.3 27.5  
139 10.9 9.6 14.4



#74  
Di-n-butylphthalate  
Concen: 6.757 ng  
RT: 18.659 min Scan# 2574  
Delta R.T. 0.000 min  
Lab File: BG057154.D  
Acq: 24 Apr 2023 16:50

Tgt Ion:149 Resp: 45320  
Ion Ratio Lower Upper  
149 100  
150 8.3 7.6 11.4  
104 5.9 4.7 7.1

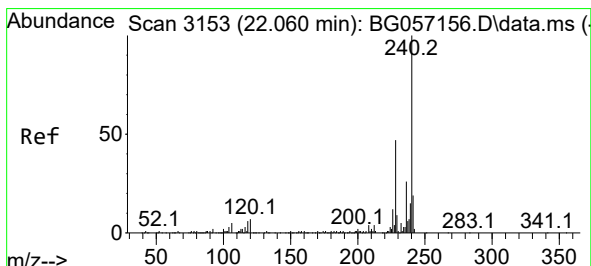
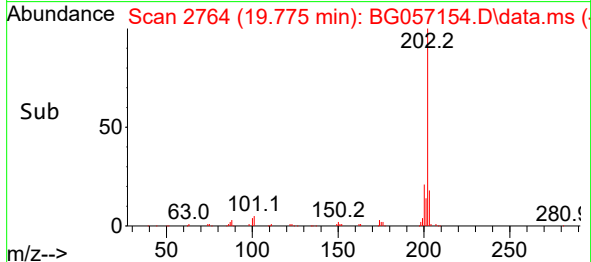
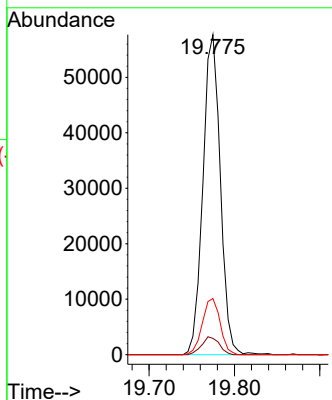
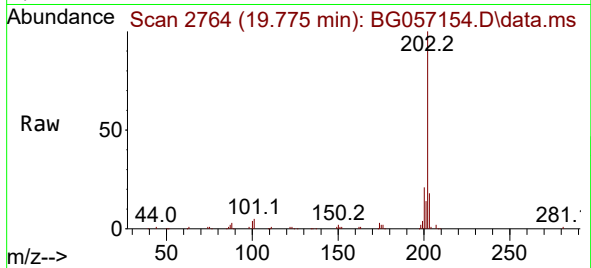




#75  
Fluoranthene  
Concen: 9.959 ng  
RT: 19.775 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: BG057154.D  
Acq: 24 Apr 2023 16:50

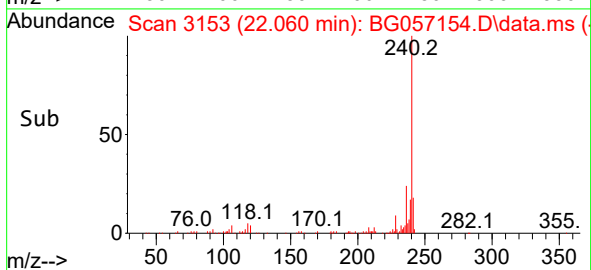
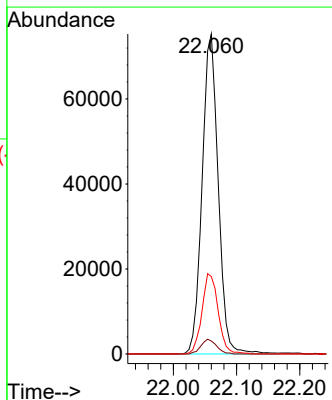
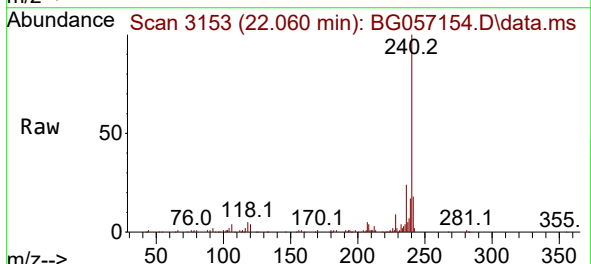
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC010

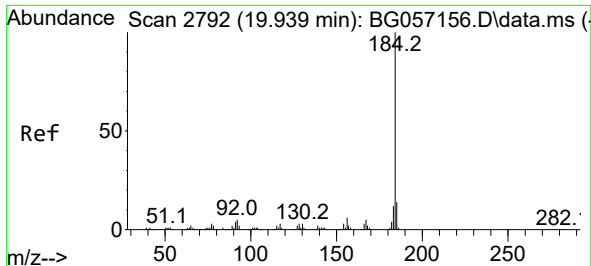
Tgt Ion:202 Resp: 81815  
Ion Ratio Lower Upper  
202 100  
101 5.1 0.0 27.6  
203 17.6 0.0 38.3



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 22.060 min Scan# 3153  
Delta R.T. 0.000 min  
Lab File: BG057154.D  
Acq: 24 Apr 2023 16:50

Tgt Ion:240 Resp: 132820  
Ion Ratio Lower Upper  
240 100  
120 4.0 5.5 8.3#  
236 24.2 20.8 31.2

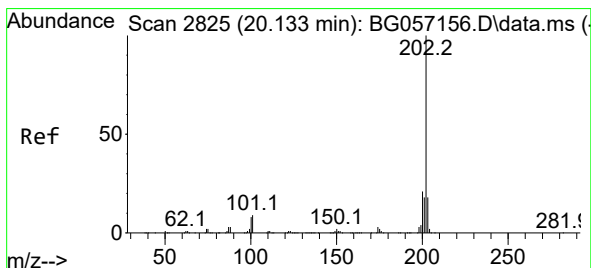
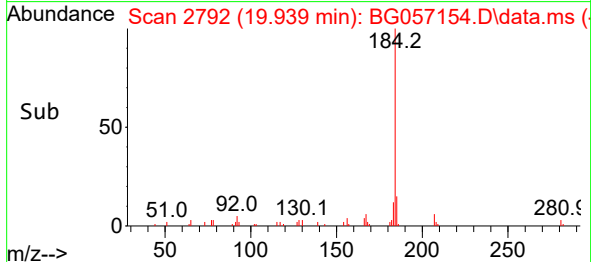
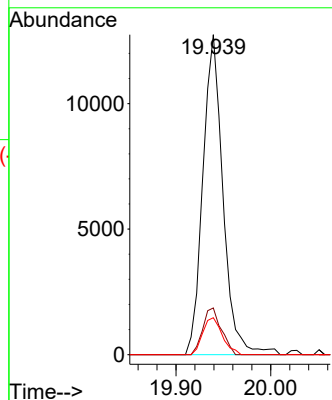
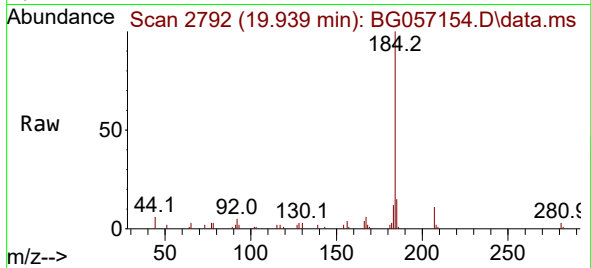




#77  
Benzidine  
Concen: 5.176 ng  
RT: 19.939 min Scan# 2792  
Delta R.T. 0.000 min  
Lab File: BG057154.D  
Acq: 24 Apr 2023 16:50

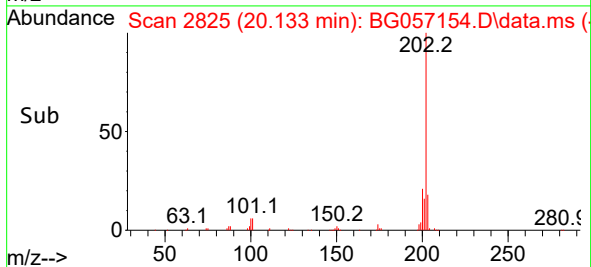
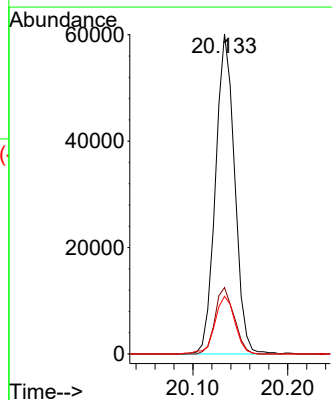
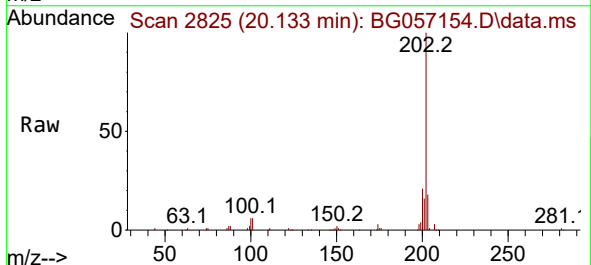
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC010

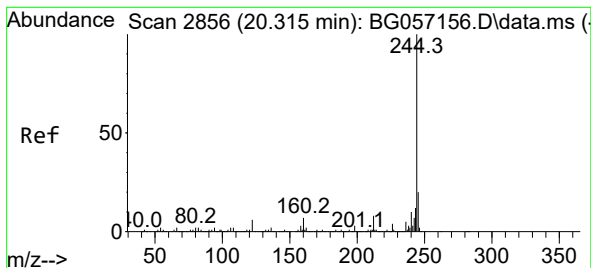
Tgt Ion:184 Resp: 18790  
Ion Ratio Lower Upper  
184 100  
185 14.6 11.3 16.9  
183 11.6 9.4 14.0



#78  
Pyrene  
Concen: 9.163 ng  
RT: 20.133 min Scan# 2825  
Delta R.T. 0.000 min  
Lab File: BG057154.D  
Acq: 24 Apr 2023 16:50

Tgt Ion:202 Resp: 84175  
Ion Ratio Lower Upper  
202 100  
200 20.7 17.0 25.4  
203 18.1 14.7 22.1





#79

Terphenyl-d14

Concen: 19.529 ng

RT: 20.309 min Scan# 2856

Delta R.T. -0.006 min

Lab File: BG057154.D

Acq: 24 Apr 2023 16:50

Instrument :

BNA\_G

ClientSampleId :

SSTDICC010

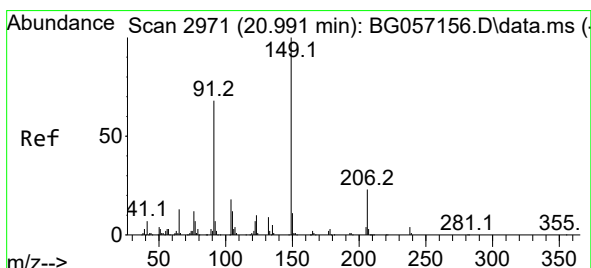
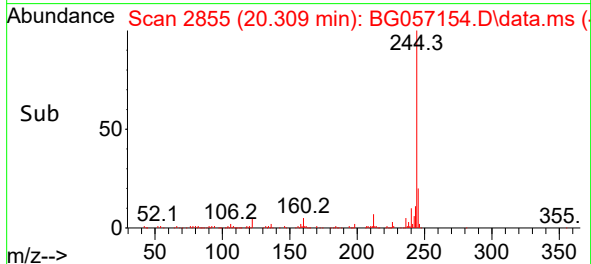
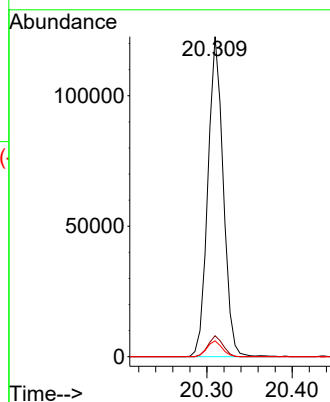
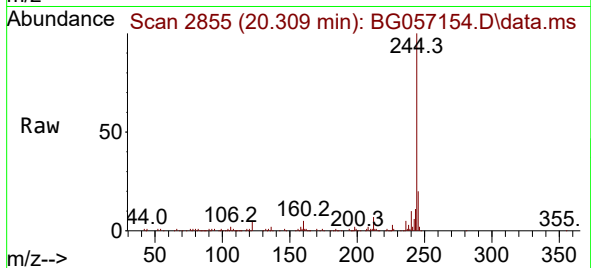
Tgt Ion:244 Resp: 153285

Ion Ratio Lower Upper

244 100

212 6.6 6.0 9.0

122 5.0 5.0 7.4#



#80

Butylbenzylphthalate

Concen: 4.918 ng

RT: 20.991 min Scan# 2971

Delta R.T. 0.000 min

Lab File: BG057154.D

Acq: 24 Apr 2023 16:50

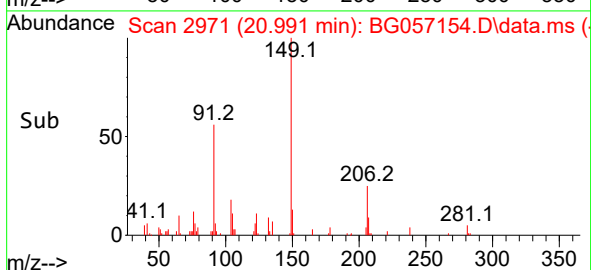
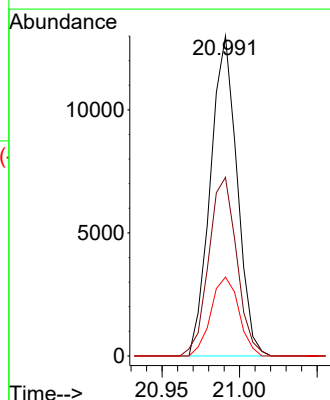
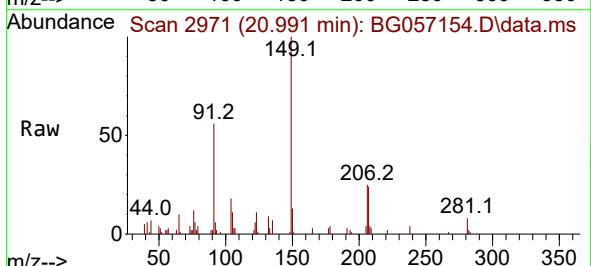
Tgt Ion:149 Resp: 15546

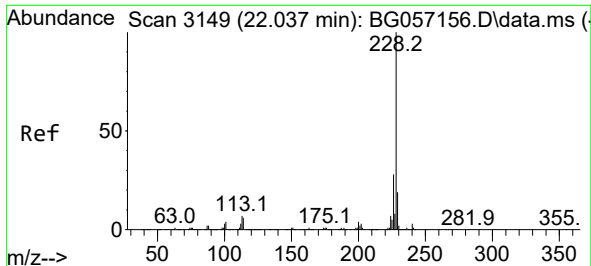
Ion Ratio Lower Upper

149 100

91 55.8 54.1 81.1

206 24.6 18.2 27.2

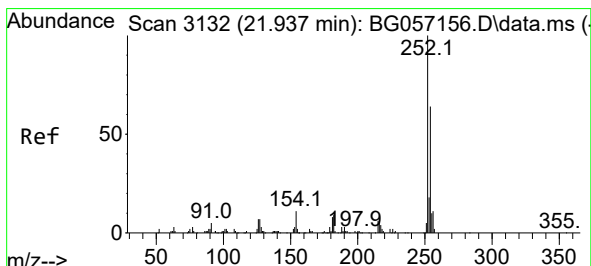
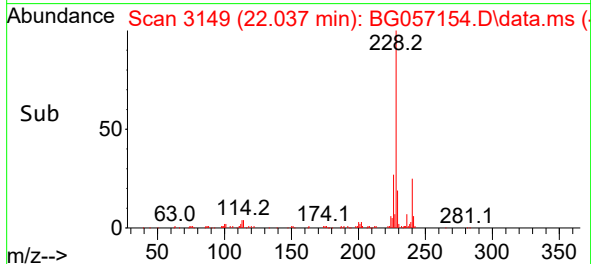
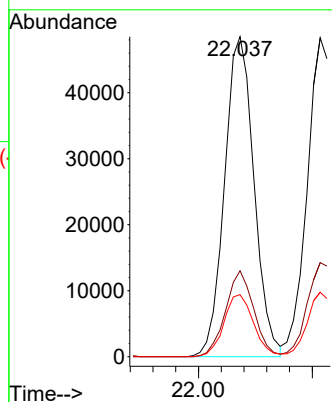
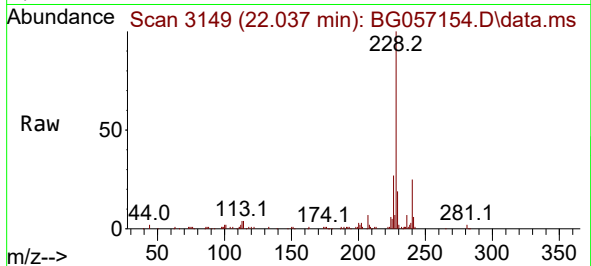




#81  
Benzo(a)anthracene  
Concen: 9.496 ng  
RT: 22.037 min Scan# 3149  
Delta R.T. 0.000 min  
Lab File: BG057154.D  
Acq: 24 Apr 2023 16:50

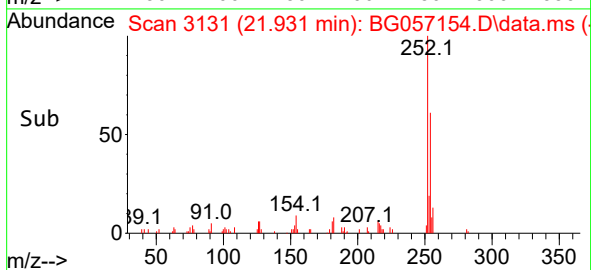
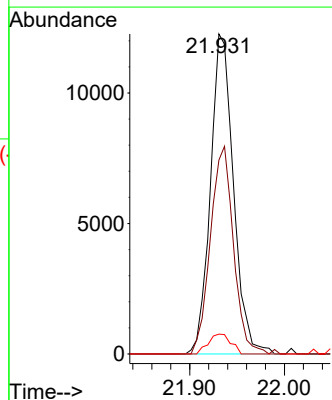
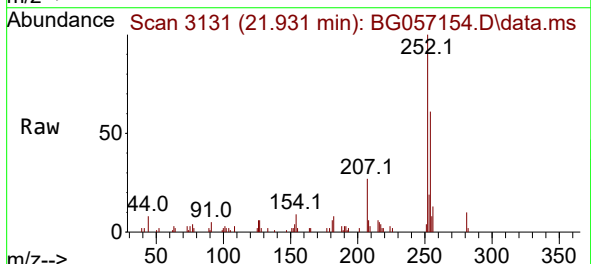
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC010

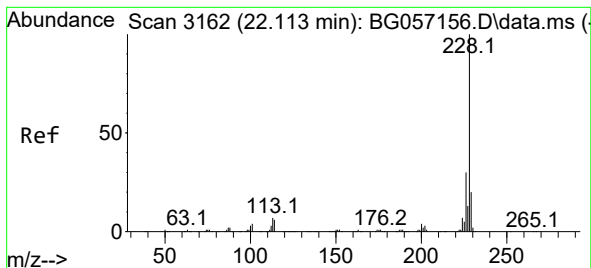
Tgt Ion:228 Resp: 87279  
Ion Ratio Lower Upper  
228 100  
226 26.9 22.2 33.4  
229 19.4 15.6 23.4



#82  
3,3'-Dichlorobenzidine  
Concen: 6.655 ng  
RT: 21.931 min Scan# 3131  
Delta R.T. -0.006 min  
Lab File: BG057154.D  
Acq: 24 Apr 2023 16:50

Tgt Ion:252 Resp: 20654  
Ion Ratio Lower Upper  
252 100  
254 60.6 50.9 76.3  
126 6.2 5.9 8.9





#83

Chrysene

Concen: 9.814 ng

RT: 22.107 min Scan# 31

Delta R.T. -0.006 min

Lab File: BG057154.D

Acq: 24 Apr 2023 16:50

Instrument :

BNA\_G

ClientSampleId :

SSTDICC010

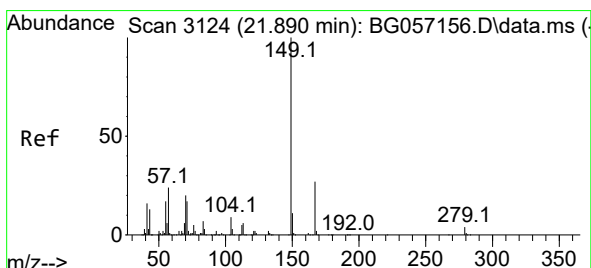
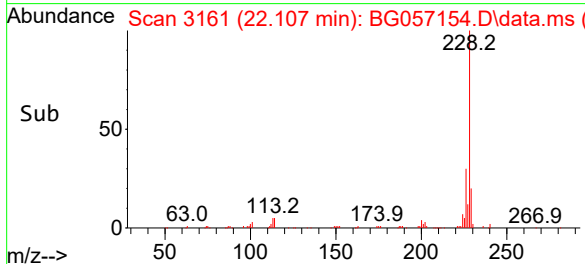
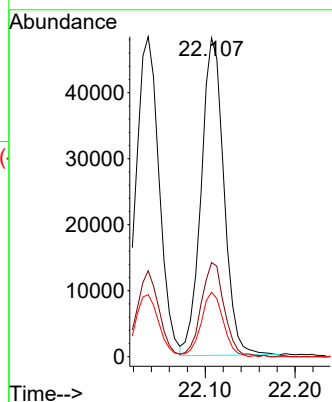
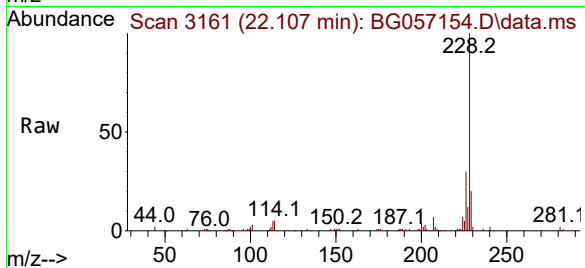
Tgt Ion:228 Resp: 84460

Ion Ratio Lower Upper

228 100

226 29.5 24.0 36.0

229 20.2 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 5.596 ng

RT: 21.884 min Scan# 3123

Delta R.T. -0.006 min

Lab File: BG057154.D

Acq: 24 Apr 2023 16:50

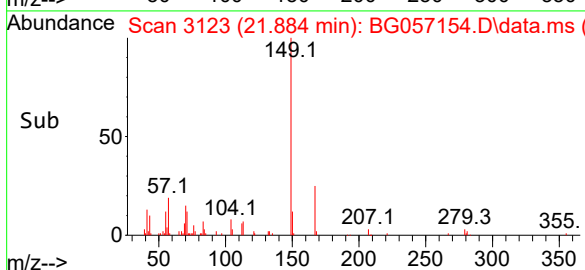
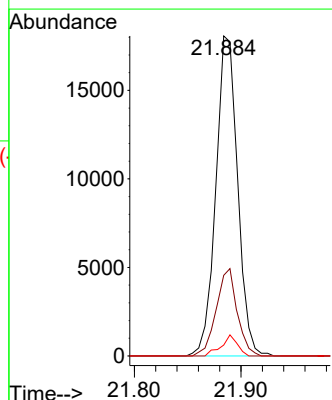
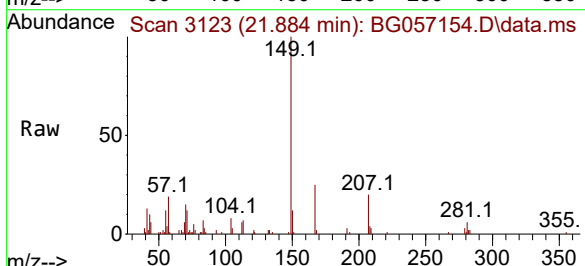
Tgt Ion:149 Resp: 25616

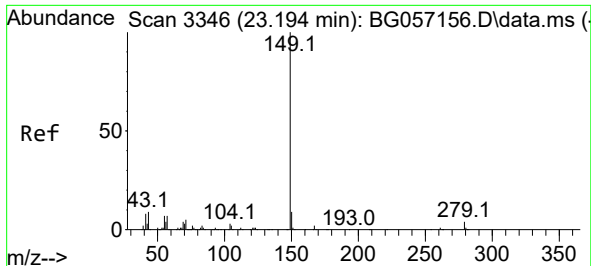
Ion Ratio Lower Upper

149 100

167 25.2 21.9 32.9

279 3.4 3.3 4.9

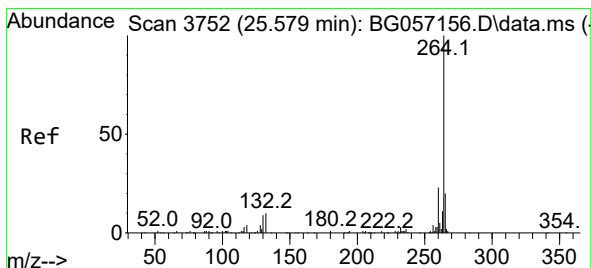
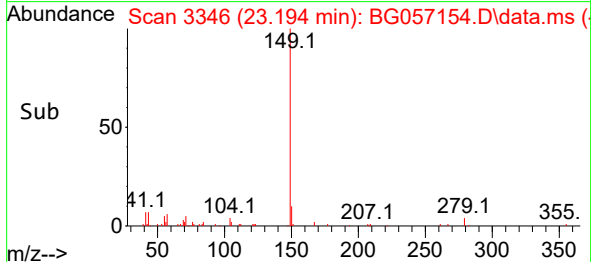
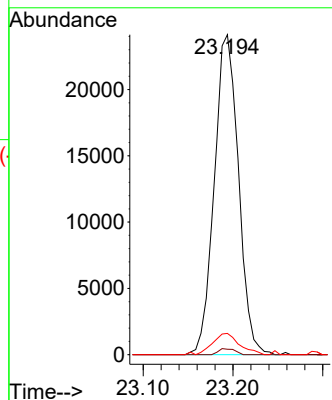
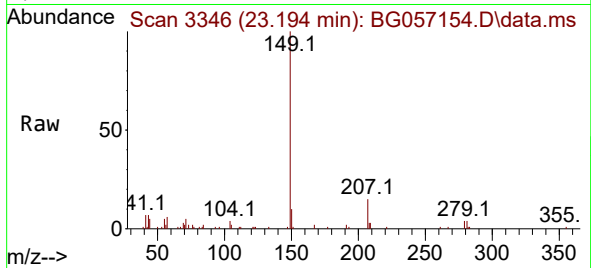




#85  
Di-n-octyl phthalate  
Concen: 5.847 ng  
RT: 23.194 min Scan# 31  
Delta R.T. 0.000 min  
Lab File: BG057154.D  
Acq: 24 Apr 2023 16:50

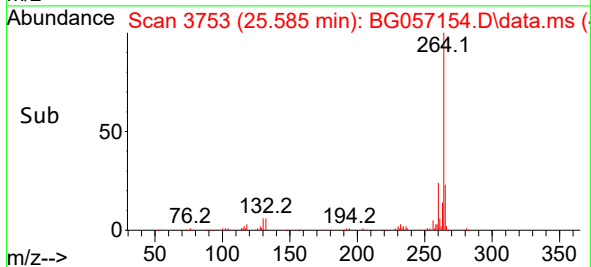
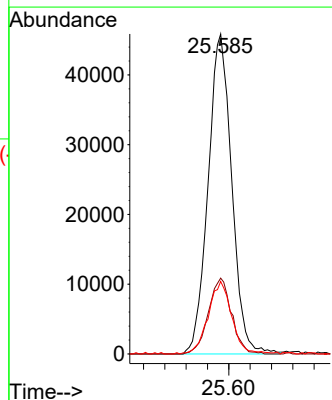
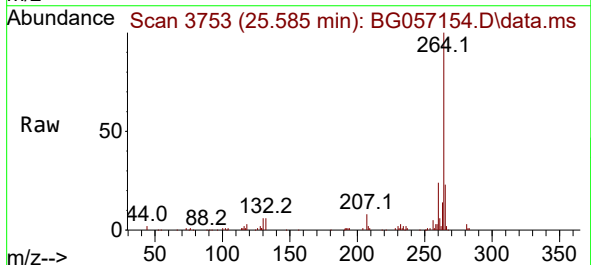
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC010

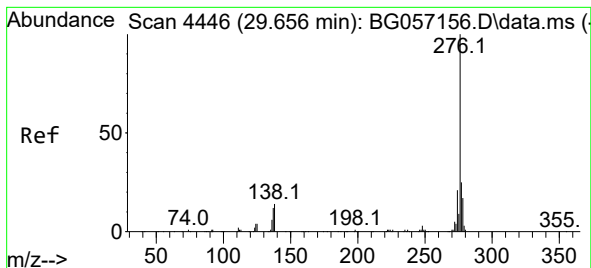
Tgt Ion:149 Resp: 45106  
Ion Ratio Lower Upper  
149 100  
167 1.3 1.2 1.8  
43 7.4 7.4 11.0



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 25.585 min Scan# 3753  
Delta R.T. 0.006 min  
Lab File: BG057154.D  
Acq: 24 Apr 2023 16:50

Tgt Ion:264 Resp: 141098  
Ion Ratio Lower Upper  
264 100  
260 23.7 18.8 28.2  
265 22.7 16.4 24.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 9.396 ng

RT: 29.638 min Scan# 4443

Delta R.T. -0.018 min

Lab File: BG057154.D

Acq: 24 Apr 2023 16:50

Instrument :

BNA\_G

ClientSampleId :

SSTDICC010

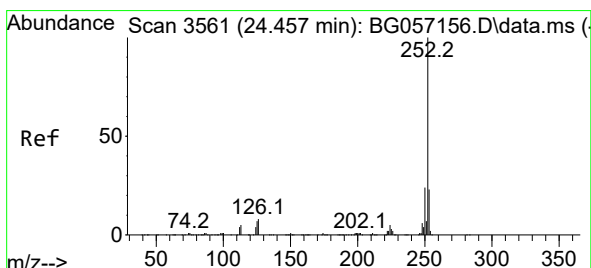
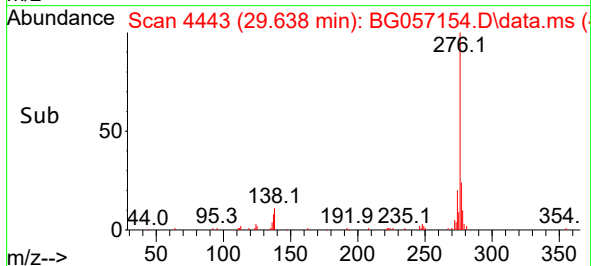
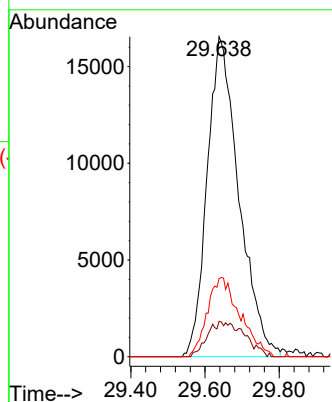
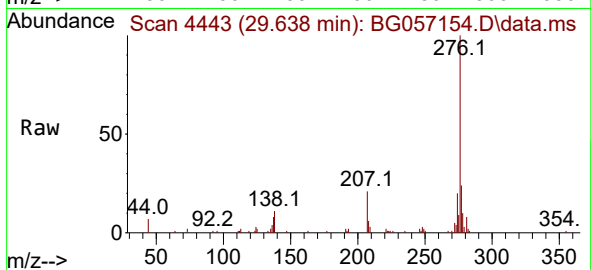
Tgt Ion:276 Resp: 97977

Ion Ratio Lower Upper

276 100

138 0.0 13.8 20.6#

277 25.6 20.4 30.6



#88

Benzo(b)fluoranthene

Concen: 9.645 ng

RT: 24.451 min Scan# 3560

Delta R.T. -0.006 min

Lab File: BG057154.D

Acq: 24 Apr 2023 16:50

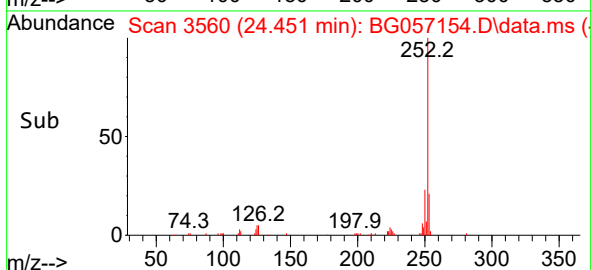
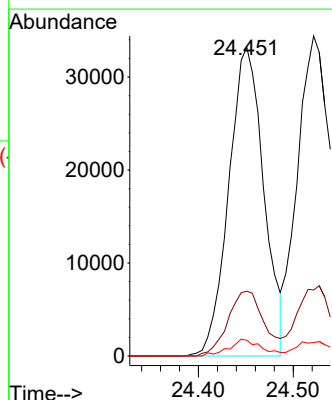
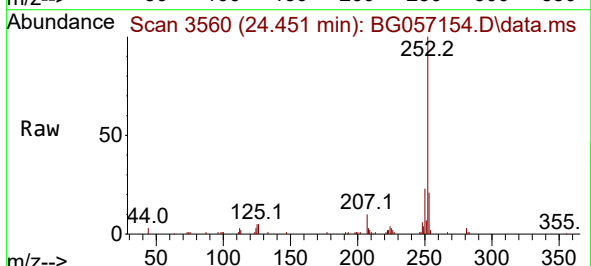
Tgt Ion:252 Resp: 85105

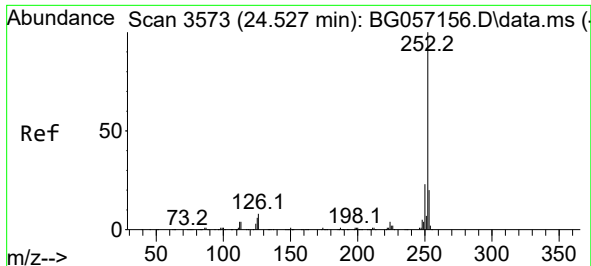
Ion Ratio Lower Upper

252 100

253 21.0 18.2 27.2

125 5.1 5.3 7.9#

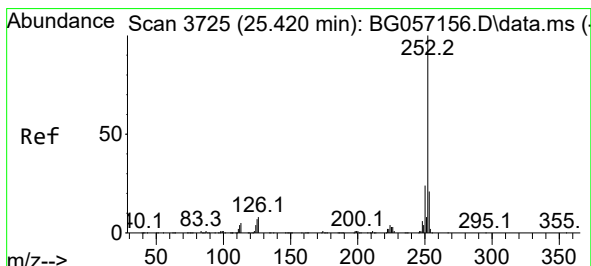
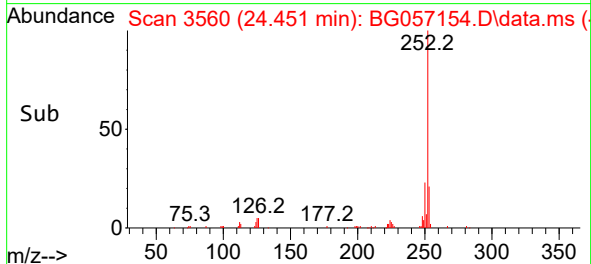
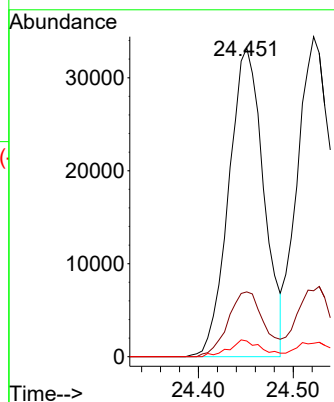
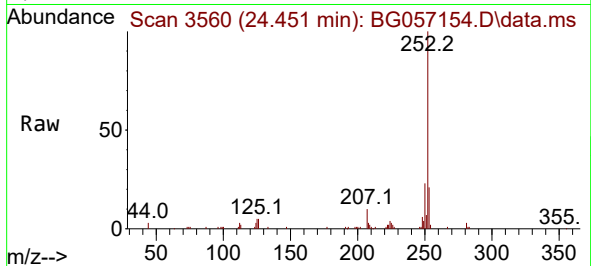




#89  
Benzo(k)fluoranthene  
Concen: 9.662 ng  
RT: 24.451 min Scan# 3560  
Delta R.T. -0.076 min  
Lab File: BG057154.D  
Acq: 24 Apr 2023 16:50

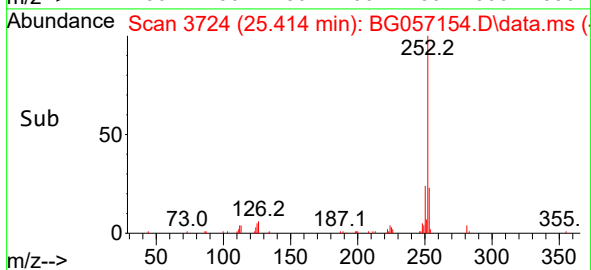
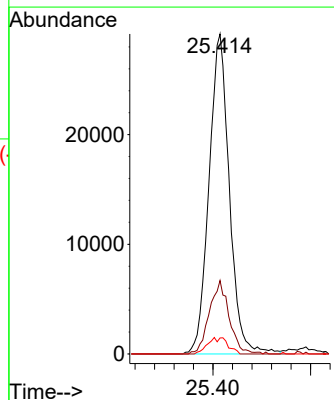
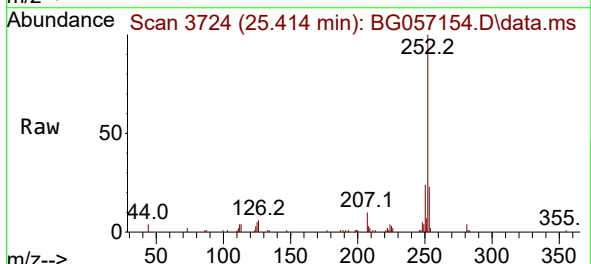
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC010

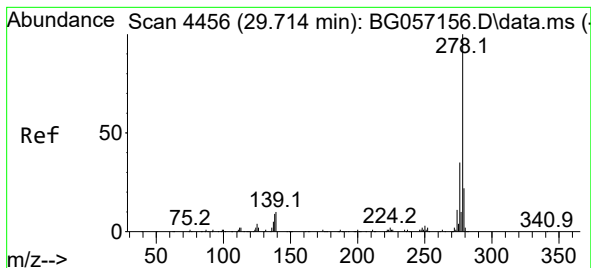
Tgt Ion:252 Resp: 85105  
Ion Ratio Lower Upper  
252 100  
253 21.0 16.7 25.1  
125 5.1 5.0 7.6



#90  
Benzo(a)pyrene  
Concen: 9.735 ng  
RT: 25.414 min Scan# 3724  
Delta R.T. -0.006 min  
Lab File: BG057154.D  
Acq: 24 Apr 2023 16:50

Tgt Ion:252 Resp: 84409  
Ion Ratio Lower Upper  
252 100  
253 23.0 17.0 25.6  
125 5.0 5.8 8.8#





#91

Dibenzo(a,h)anthracene

Concen: 9.710 ng

RT: 29.703 min Scan# 4454

Delta R.T. -0.012 min

Lab File: BG057154.D

Acq: 24 Apr 2023 16:50

Instrument :

BNA\_G

ClientSampleId :

SSTDICC010

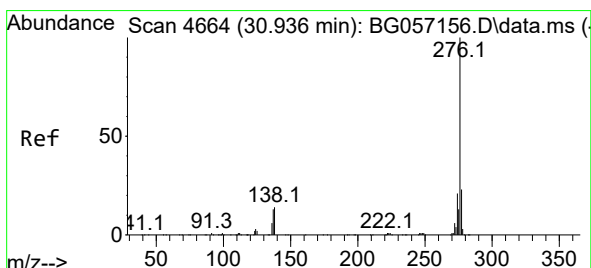
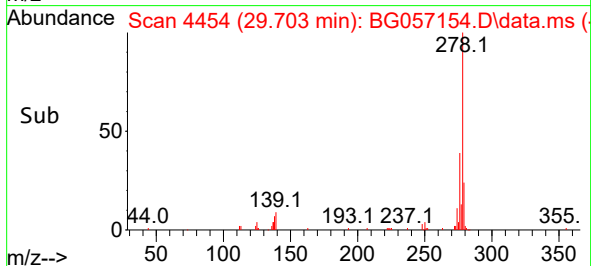
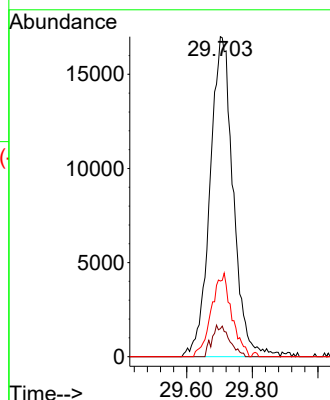
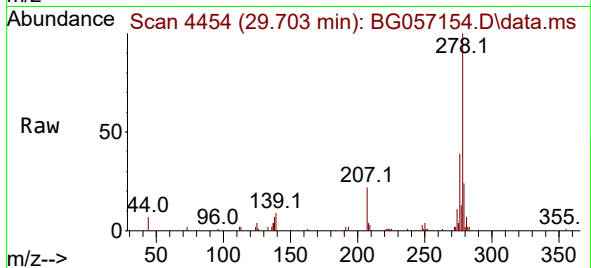
Tgt Ion:278 Resp: 83228

Ion Ratio Lower Upper

278 100

139 8.8 7.9 11.9

279 23.7 17.7 26.5



#92

Benzo(g,h,i)perylene

Concen: 9.849 ng

RT: 30.924 min Scan# 4662

Delta R.T. -0.012 min

Lab File: BG057154.D

Acq: 24 Apr 2023 16:50

Tgt Ion:276 Resp: 82664

Ion Ratio Lower Upper

276 100

277 23.1 18.5 27.7

138 9.1 11.5 17.3#

