

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG110422\  
 Data File : BG055450.D  
 Acq On : 4 Nov 2022 12:08  
 Operator : CG/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

Quant Time: Nov 05 00:01:05 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG110122.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Nov 04 05:28:43 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.231  | 152  | 32997    | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 11.063 | 136  | 144652   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.853 | 164  | 106404   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.585 | 188  | 243998   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 21.863 | 240  | 230495   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 25.235 | 264  | 259753   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.758  | 112  | 138142   | 75.183 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.385  | 99   | 198467   | 77.891 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.412  | 82   | 205890   | 75.857 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.334 | 330  | 116580   | 80.324 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.478 | 172  | 541463   | 75.449 | ng    | 0.00     |
| 79) Terphenyl-d14             | 20.159 | 244  | 891132   | 75.179 | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.560  | 88   | 29420    | 35.302 | ng    | 98       |
| 3) Pyridine                   | 3.983  | 79   | 90070    | 36.417 | ng    | 97       |
| 4) n-Nitrosodimethylamine     | 3.890  | 42   | 36756    | 37.618 | ng    | 94       |
| 6) Aniline                    | 7.550  | 93   | 126830   | 38.378 | ng    | 99       |
| 8) 2-Chlorophenol             | 7.797  | 128  | 85055    | 38.099 | ng    | 97       |
| 9) Benzaldehyde               | 7.362  | 77   | 58431    | 39.006 | ng    | 97       |
| 10) Phenol                    | 7.409  | 94   | 110560   | 38.336 | ng    | 99       |
| 11) bis(2-Chloroethyl)ether   | 7.638  | 93   | 82085    | 38.043 | ng    | 98       |
| 12) 1,3-Dichlorobenzene       | 8.120  | 146  | 96203    | 38.019 | ng    | 99       |
| 13) 1,4-Dichlorobenzene       | 8.267  | 146  | 98211    | 38.107 | ng    | 98       |
| 14) 1,2-Dichlorobenzene       | 8.596  | 146  | 94015    | 38.111 | ng    | 98       |
| 15) Benzyl Alcohol            | 8.472  | 79   | 81455    | 40.082 | ng    | 98       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.760  | 45   | 106121   | 36.967 | ng    | 97       |
| 17) 2-Methylphenol            | 8.678  | 107  | 80447    | 38.768 | ng    | 99       |
| 18) Hexachloroethane          | 9.330  | 117  | 33118    | 37.669 | ng    | 91       |
| 19) n-Nitroso-di-n-propyla... | 9.042  | 70   | 74984    | 37.661 | ng    | 97       |
| 20) 3+4-Methylphenols         | 9.007  | 107  | 115039   | 39.017 | ng    | 98       |
| 22) Acetophenone              | 9.066  | 105  | 143006   | 37.718 | ng    | 99       |
| 24) Nitrobenzene              | 9.454  | 77   | 107064   | 37.835 | ng    | 96       |
| 25) Isophorone                | 9.976  | 82   | 203376   | 37.835 | ng    | 100      |
| 26) 2-Nitrophenol             | 10.170 | 139  | 57038    | 39.145 | ng    | 97       |
| 27) 2,4-Dimethylphenol        | 10.217 | 122  | 79770    | 39.044 | ng    | 98       |
| 28) bis(2-Chloroethoxy)met... | 10.447 | 93   | 109501   | 38.246 | ng    | 98       |
| 29) 2,4-Dichlorophenol        | 10.711 | 162  | 98376    | 39.473 | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 10.922 | 180  | 104487   | 38.717 | ng    | 99       |
| 31) Naphthalene               | 11.116 | 128  | 311688   | 38.271 | ng    | 99       |
| 32) Benzoic acid              | 10.394 | 122  | 42479    | 36.961 | ng    | 99       |
| 33) 4-Chloroaniline           | 11.222 | 127  | 133592   | 39.477 | ng    | 99       |
| 34) Hexachlorobutadiene       | 11.387 | 225  | 65756    | 39.198 | ng    | 98       |
| 35) Caprolactam               | 12.004 | 113  | 34323    | 37.197 | ng    | 97       |
| 36) 4-Chloro-3-methylphenol   | 12.327 | 107  | 107386   | 39.352 | ng    | 98       |
| 37) 2-Methylnaphthalene       | 12.703 | 142  | 229831   | 38.419 | ng    | 99       |
| 38) 1-Methylnaphthalene       | 12.914 | 142  | 224090   | 38.406 | ng    | 98       |
| 40) 1,2,4,5-Tetrachloroben... | 13.061 | 216  | 122262   | 38.898 | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 13.038 | 237  | 51550    | 38.064 | ng    | 97       |
| 43) 2,4,6-Trichlorophenol     | 13.302 | 196  | 87511    | 39.980 | ng    | 96       |

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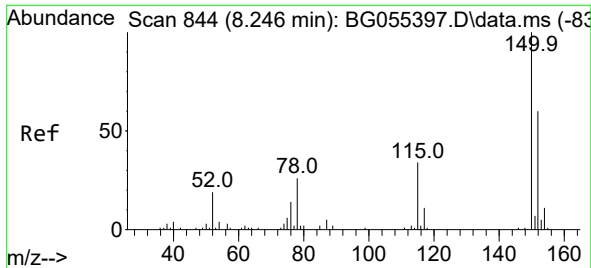
Quant Time: Nov 05 00:01:05 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG110122.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Nov 04 05:28:43 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 13.378 | 196  | 96689    | 39.658 | ng    | 98       |
| 46) 1,1'-Biphenyl             | 13.690 | 154  | 296959   | 37.928 | ng    | 99       |
| 47) 2-Chloronaphthalene       | 13.743 | 162  | 242582   | 38.558 | ng    | 99       |
| 48) 2-Nitroaniline            | 13.942 | 65   | 73540    | 38.057 | ng    | 98       |
| 49) Acenaphthylene            | 14.583 | 152  | 394309   | 38.170 | ng    | 99       |
| 50) Dimethylphthalate         | 14.295 | 163  | 336899   | 37.932 | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 14.424 | 165  | 71939    | 38.690 | ng    | 99       |
| 52) Acenaphthene              | 14.918 | 154  | 234228   | 38.097 | ng    | 98       |
| 53) 3-Nitroaniline            | 14.759 | 138  | 81038    | 38.778 | ng    | 96       |
| 54) 2,4-Dinitrophenol         | 14.971 | 184  | 37860    | 36.674 | ng    | 95       |
| 55) Dibenzofuran              | 15.247 | 168  | 391349   | 38.456 | ng    | 100      |
| 56) 4-Nitrophenol             | 15.070 | 139  | 55653    | 38.839 | ng    | 97       |
| 57) 2,4-Dinitrotoluene        | 15.212 | 165  | 104571   | 39.332 | ng    | 96       |
| 58) Fluorene                  | 15.893 | 166  | 315063   | 38.111 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.476 | 232  | 85435    | 38.972 | ng    | 99       |
| 60) Diethylphthalate          | 15.640 | 149  | 346158   | 37.503 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 15.875 | 204  | 165753   | 38.781 | ng    | 98       |
| 62) 4-Nitroaniline            | 15.917 | 138  | 83427    | 37.732 | ng    | 97       |
| 63) Azobenzene                | 16.169 | 77   | 285624   | 37.227 | ng    | 97       |
| 65) 4,6-Dinitro-2-methylph... | 15.975 | 198  | 64882    | 41.282 | ng    | 98       |
| 66) n-Nitrosodiphenylamine    | 16.093 | 169  | 278202   | 38.350 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 16.769 | 248  | 112914   | 39.148 | ng    | 98       |
| 68) Hexachlorobenzene         | 16.892 | 284  | 130429   | 39.654 | ng    | 96       |
| 69) Atrazine                  | 17.021 | 200  | 91791    | 37.690 | ng    | 99       |
| 70) Pentachlorophenol         | 17.239 | 266  | 61581    | 38.430 | ng    | 97       |
| 71) Phenanthrene              | 17.632 | 178  | 528024   | 38.473 | ng    | 100      |
| 72) Anthracene                | 17.720 | 178  | 513636   | 38.181 | ng    | 99       |
| 73) Carbazole                 | 17.985 | 167  | 472869   | 37.781 | ng    | 99       |
| 74) Di-n-butylphthalate       | 18.514 | 149  | 588568   | 37.652 | ng    | 100      |
| 75) Fluoranthene              | 19.618 | 202  | 615797   | 37.301 | ng    | 99       |
| 77) Benzidine                 | 19.788 | 184  | 185456   | 38.647 | ng    | 99       |
| 78) Pyrene                    | 19.982 | 202  | 624057   | 38.379 | ng    | 99       |
| 80) Butylbenzylphthalate      | 20.834 | 149  | 260755   | 38.463 | ng    | 98       |
| 81) Benzo(a)anthracene        | 21.839 | 228  | 610892   | 38.609 | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine    | 21.745 | 252  | 212996   | 39.255 | ng    | 98       |
| 83) Chrysene                  | 21.910 | 228  | 579789   | 38.409 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 21.698 | 149  | 375469   | 38.101 | ng    | 100      |
| 85) Di-n-octyl phthalate      | 22.950 | 149  | 643706   | 38.124 | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 29.119 | 276  | 784111   | 37.598 | ng    | # 81     |
| 88) Benzo(b)fluoranthene      | 24.154 | 252  | 628168   | 38.072 | ng    | 100      |
| 89) Benzo(k)fluoranthene      | 24.230 | 252  | 627844   | 37.866 | ng    | 99       |
| 90) Benzo(a)pyrene            | 25.076 | 252  | 542373   | 38.017 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 29.177 | 278  | 651941   | 37.890 | ng    | 99       |
| 92) Benzo(g,h,i)perylene      | 30.347 | 276  | 643237   | 37.589 | ng    | 99       |

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

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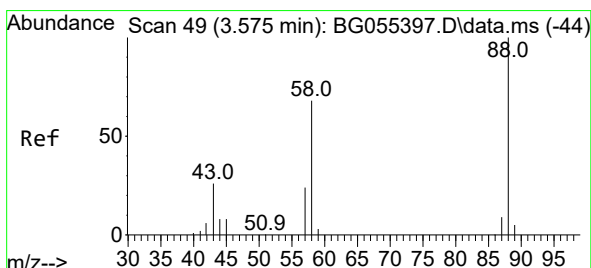
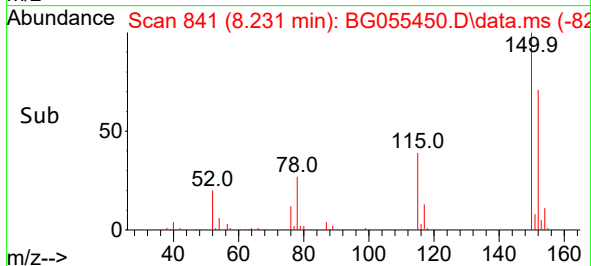
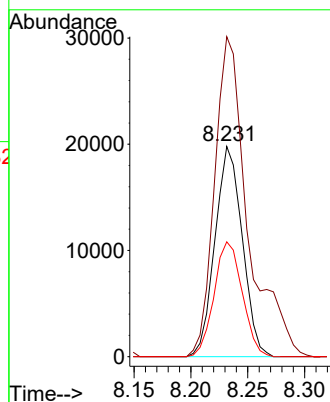
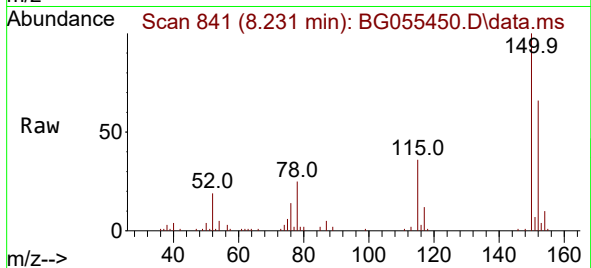




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.231 min Scan# 84  
Delta R.T. -0.005 min  
Lab File: BG055450.D  
Acq: 4 Nov 2022 12:08

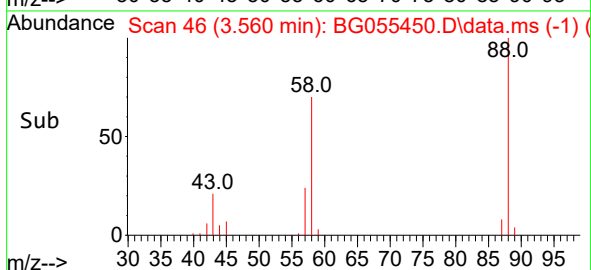
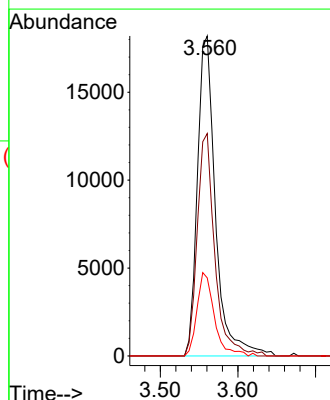
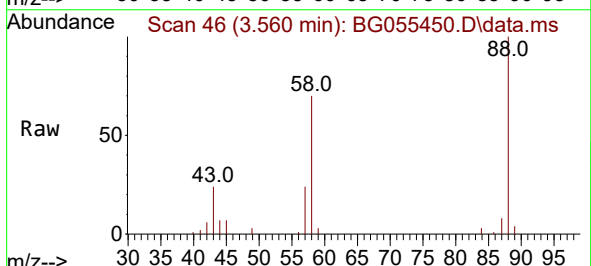
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

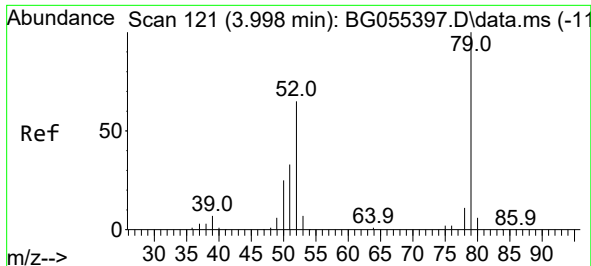
Tgt Ion:152 Resp: 32997  
Ion Ratio Lower Upper  
152 100  
150 152.2 132.8 199.2  
115 54.6 45.1 67.7



#2  
1,4-Dioxane  
Concen: 35.302 ng  
RT: 3.560 min Scan# 46  
Delta R.T. -0.004 min  
Lab File: BG055450.D  
Acq: 4 Nov 2022 12:08

Tgt Ion: 88 Resp: 29420  
Ion Ratio Lower Upper  
88 100  
58 67.7 55.7 83.5  
43 25.2 20.7 31.1

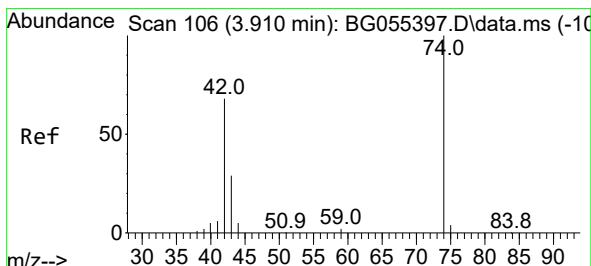
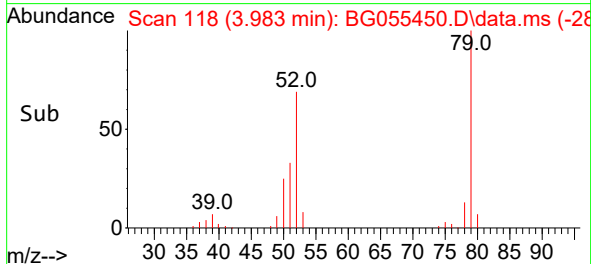
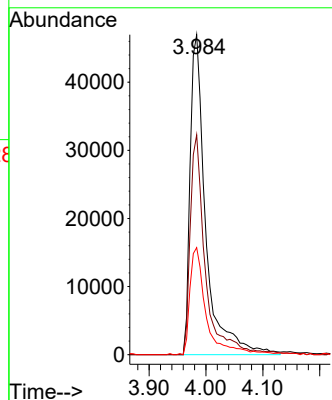
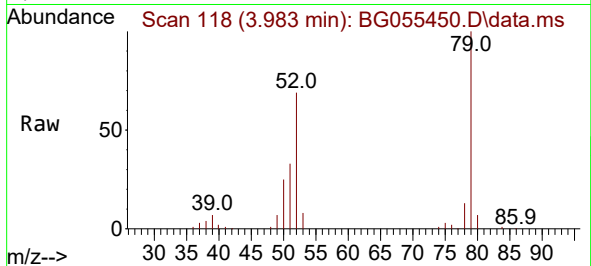




#3  
Pyridine  
Concen: 36.417 ng  
RT: 3.983 min Scan# 118  
Delta R.T. -0.004 min  
Lab File: BG055450.D  
Acq: 4 Nov 2022 12:08

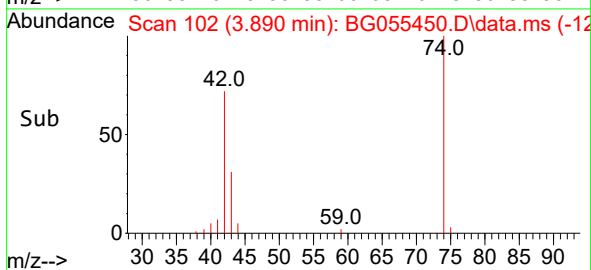
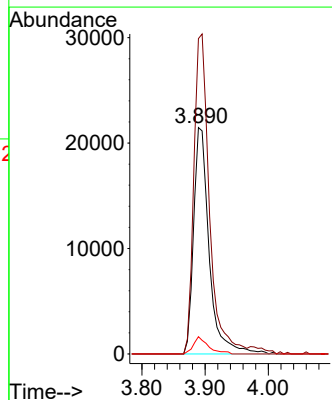
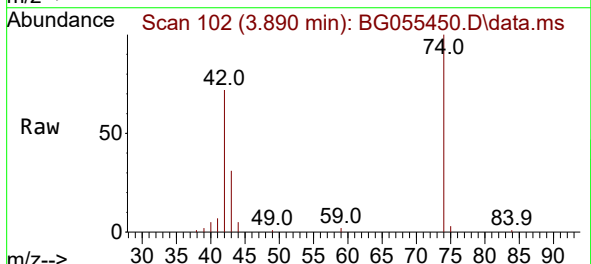
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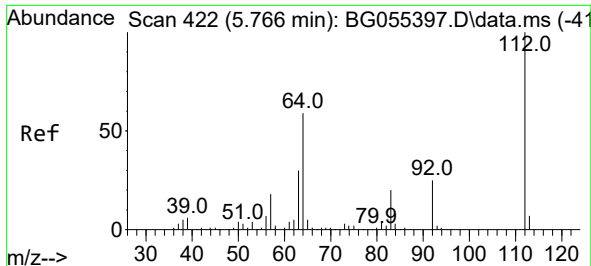
Tgt Ion: 79 Resp: 90070  
Ion Ratio Lower Upper  
79 100  
52 68.7 51.8 77.6  
51 33.5 26.6 40.0



#4  
n-Nitrosodimethylamine  
Concen: 37.618 ng  
RT: 3.890 min Scan# 102  
Delta R.T. -0.004 min  
Lab File: BG055450.D  
Acq: 4 Nov 2022 12:08

Tgt Ion: 42 Resp: 36756  
Ion Ratio Lower Upper  
42 100  
74 139.3 118.1 177.1  
44 7.6 5.4 8.0

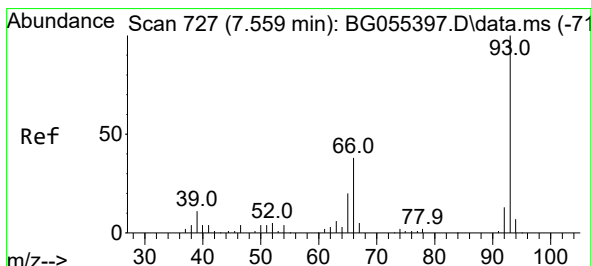
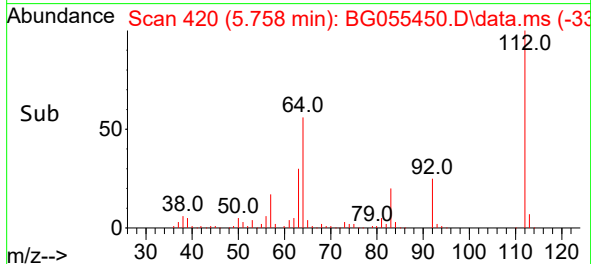
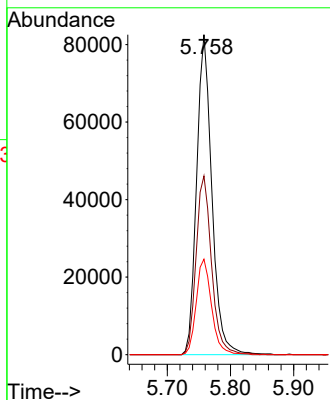
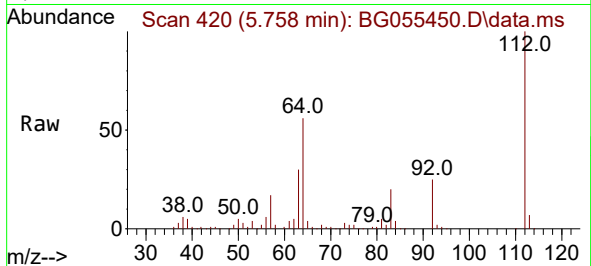




#5  
2-Fluorophenol  
Concen: 75.183 ng  
RT: 5.758 min Scan# 41  
Delta R.T. -0.004 min  
Lab File: BG055450.D  
Acq: 4 Nov 2022 12:08

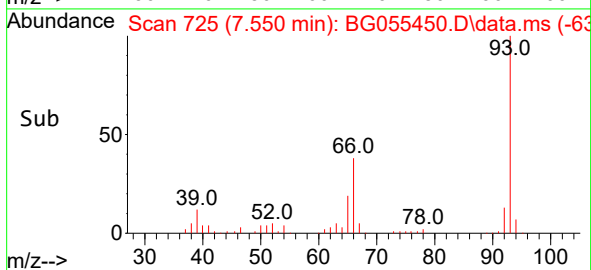
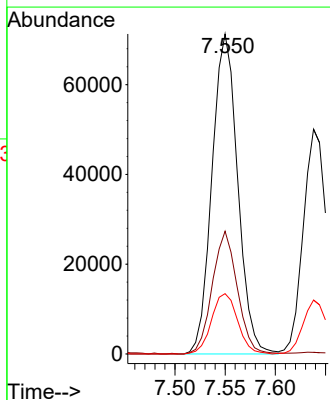
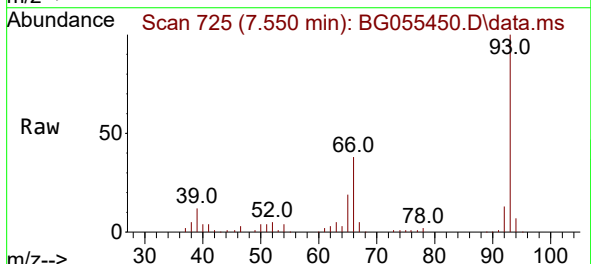
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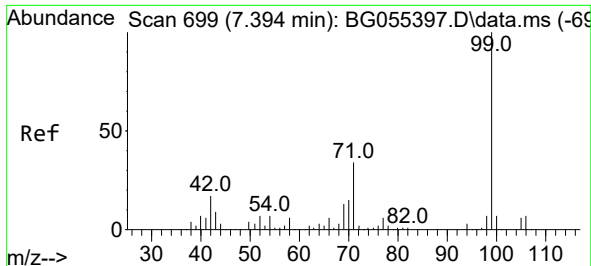
Tgt Ion:112 Resp: 138142  
Ion Ratio Lower Upper  
112 100  
64 55.9 47.2 70.8  
63 29.9 24.3 36.5



#6  
Aniline  
Concen: 38.378 ng  
RT: 7.550 min Scan# 725  
Delta R.T. -0.004 min  
Lab File: BG055450.D  
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Tgt Ion: 93 Resp: 126830  
Ion Ratio Lower Upper  
93 100  
66 38.3 30.6 45.8  
65 18.9 16.4 24.6

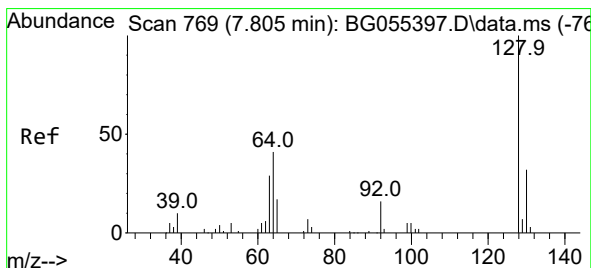
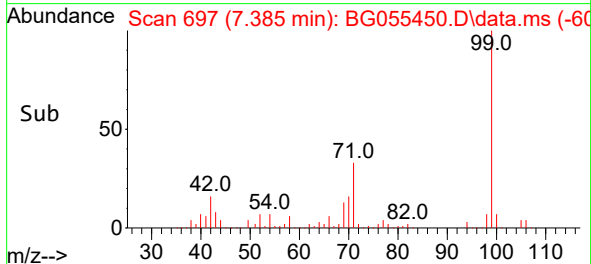
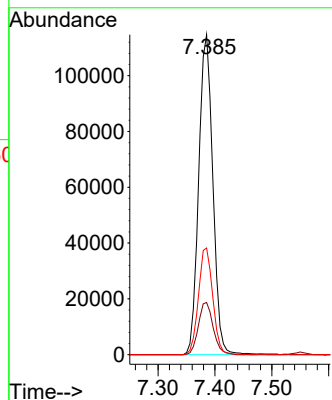
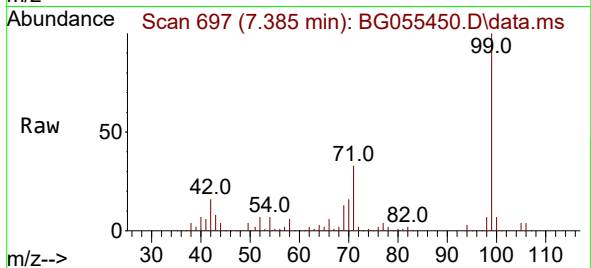




#7  
Phenol-d6  
Concen: 77.891 ng  
RT: 7.385 min Scan# 697  
Delta R.T. 0.002 min  
Lab File: BG055450.D  
Acq: 4 Nov 2022 12:08

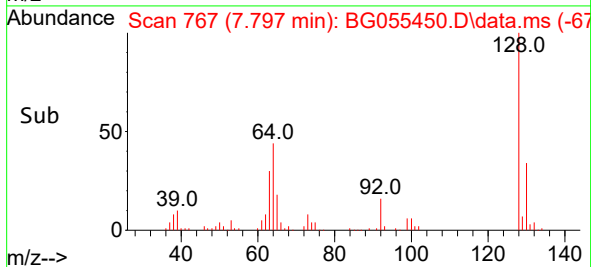
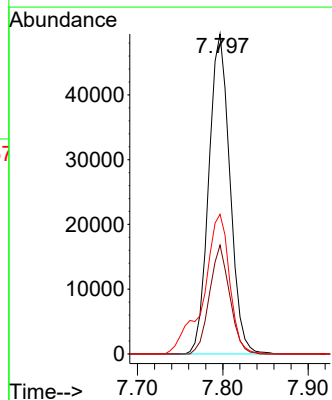
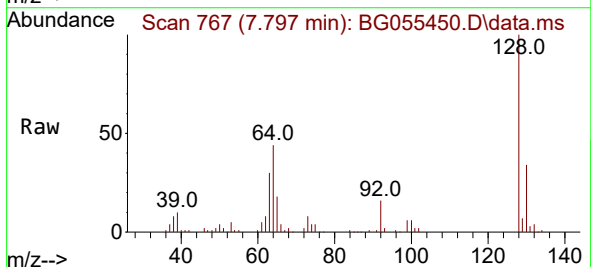
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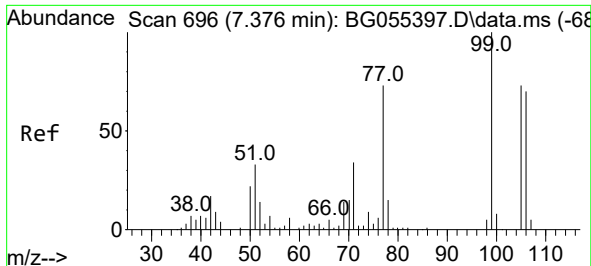
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Ion Ratio Lower Upper  
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42 16.3 13.5 20.3  
71 33.3 27.4 41.0



#8  
2-Chlorophenol  
Concen: 38.099 ng  
RT: 7.797 min Scan# 767  
Delta R.T. -0.004 min  
Lab File: BG055450.D  
Acq: 4 Nov 2022 12:08

Tgt Ion: 128 Resp: 85055  
Ion Ratio Lower Upper  
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130 34.0 12.3 52.3  
64 43.6 25.3 65.3

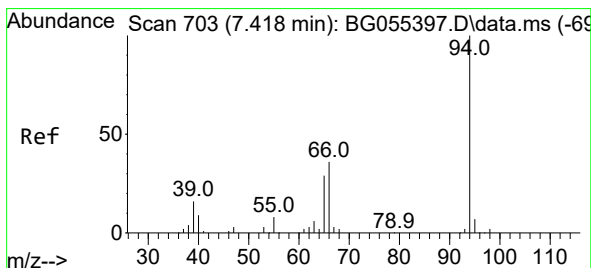
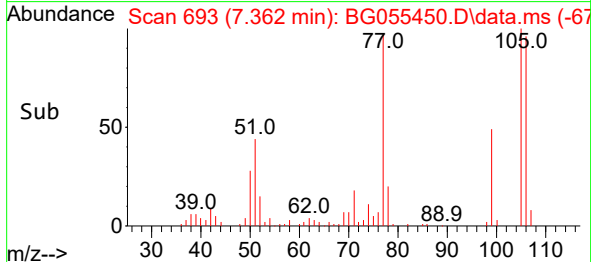
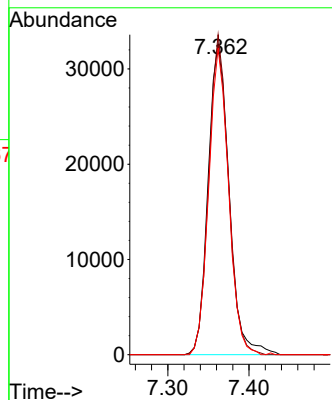
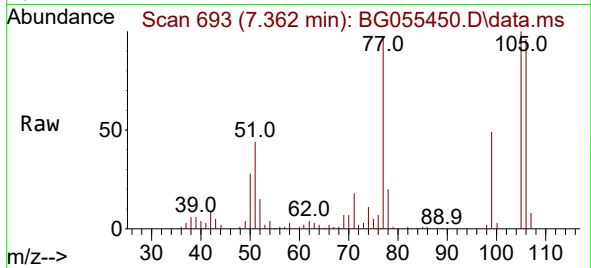




#9  
Benzaldehyde  
Concen: 39.006 ng  
RT: 7.362 min Scan# 696  
Delta R.T. -0.004 min  
Lab File: BG055450.D  
Acq: 4 Nov 2022 12:08

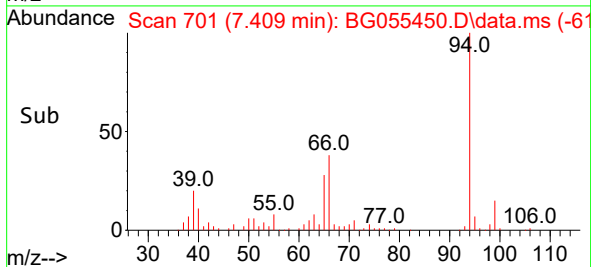
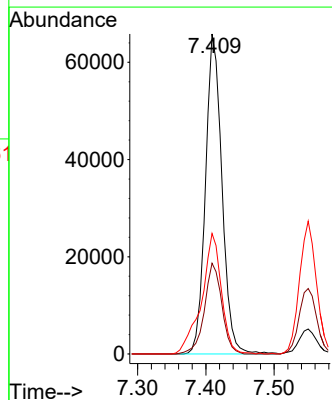
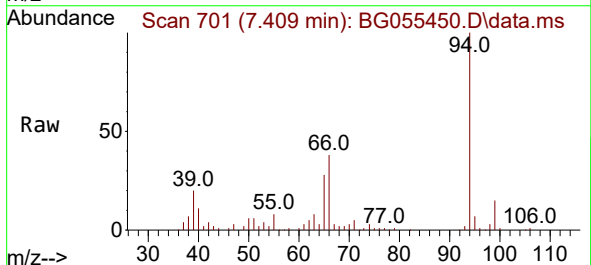
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

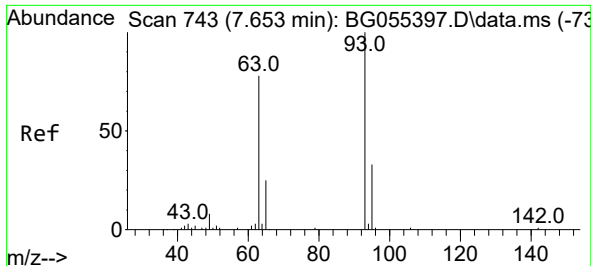
|             |             |
|-------------|-------------|
| Tgt Ion: 77 | Resp: 58431 |
| Ion Ratio   | Lower Upper |
| 77 100      |             |
| 105 102.9   | 79.7 119.7  |
| 106 98.6    | 75.4 115.4  |



#10  
Phenol  
Concen: 38.336 ng  
RT: 7.409 min Scan# 701  
Delta R.T. -0.004 min  
Lab File: BG055450.D  
Acq: 4 Nov 2022 12:08

|             |              |
|-------------|--------------|
| Tgt Ion: 94 | Resp: 110560 |
| Ion Ratio   | Lower Upper  |
| 94 100      |              |
| 65 28.4     | 9.0 49.0     |
| 66 37.7     | 17.6 57.6    |

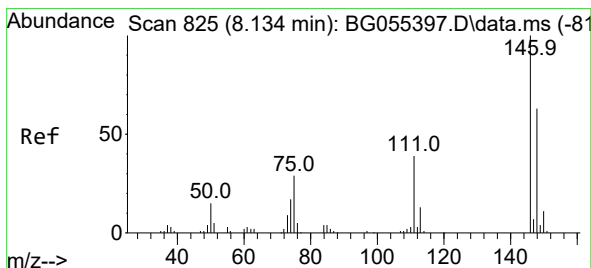
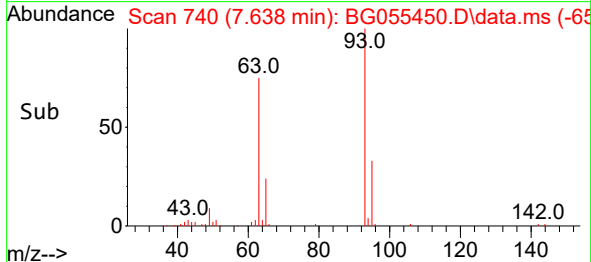
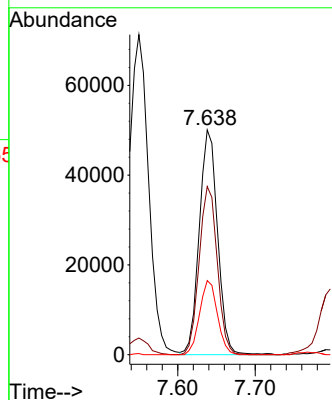
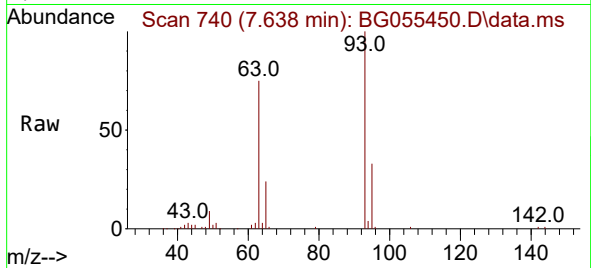




#11  
bis(2-Chloroethyl)ether  
Concen: 38.043 ng  
RT: 7.638 min Scan# 743  
Delta R.T. -0.004 min  
Lab File: BG055450.D  
Acq: 4 Nov 2022 12:08

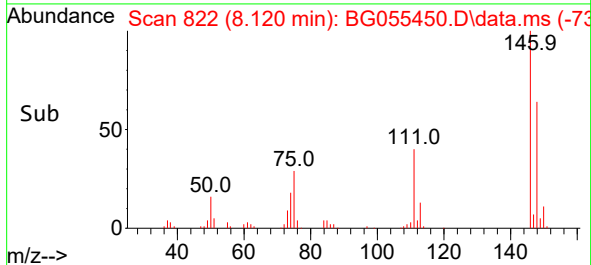
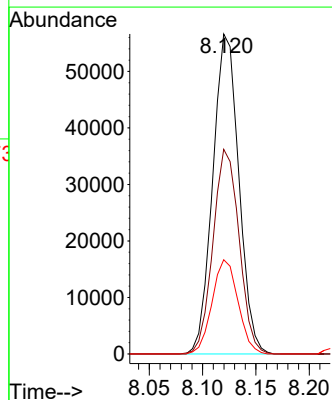
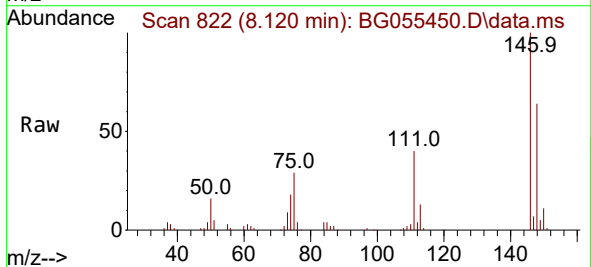
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

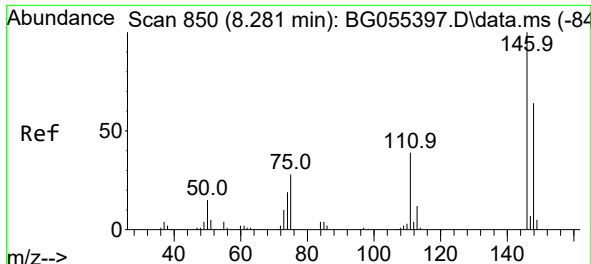
Tgt Ion: 93 Resp: 82085  
Ion Ratio Lower Upper  
93 100  
63 74.9 57.4 97.4  
95 33.0 12.5 52.5



#12  
1,3-Dichlorobenzene  
Concen: 38.019 ng  
RT: 8.120 min Scan# 822  
Delta R.T. -0.004 min  
Lab File: BG055450.D  
Acq: 4 Nov 2022 12:08

Tgt Ion: 146 Resp: 96203  
Ion Ratio Lower Upper  
146 100  
148 64.0 50.6 75.8  
75 29.4 22.8 34.2





#13

1,4-Dichlorobenzene

Concen: 38.107 ng

RT: 8.267 min Scan# 84

Delta R.T. -0.004 min

Lab File: BG055450.D

Acq: 4 Nov 2022 12:08

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

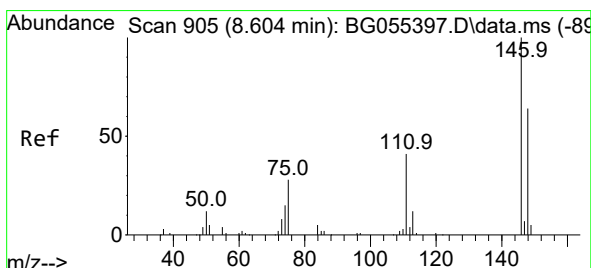
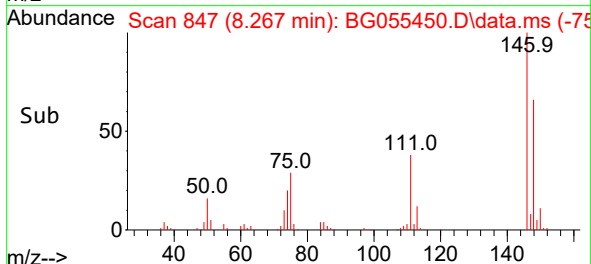
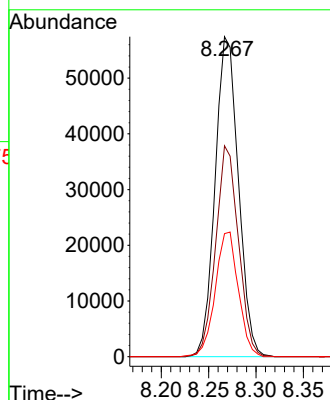
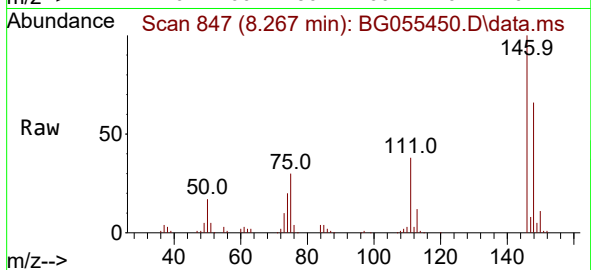
Tgt Ion:146 Resp: 98211

Ion Ratio Lower Upper

146 100

148 65.9 51.1 76.7

111 38.4 31.2 46.8



#14

1,2-Dichlorobenzene

Concen: 38.111 ng

RT: 8.596 min Scan# 903

Delta R.T. 0.002 min

Lab File: BG055450.D

Acq: 4 Nov 2022 12:08

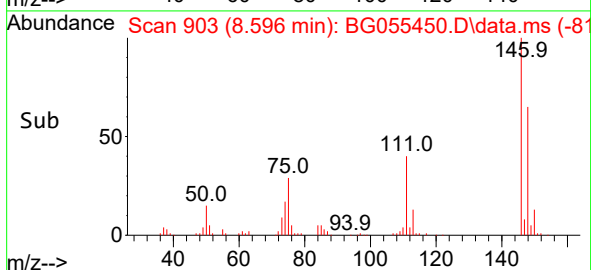
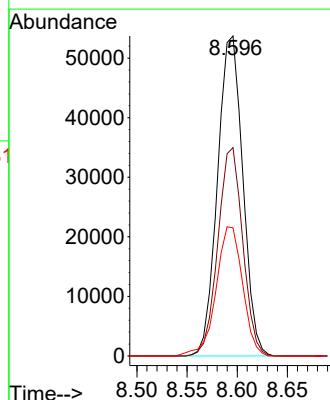
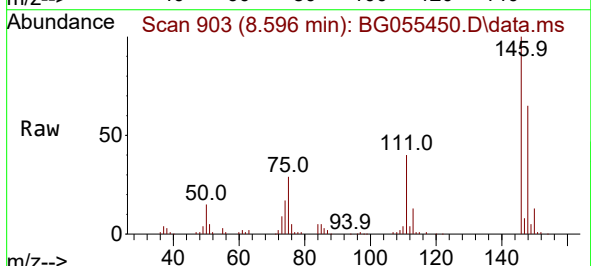
Tgt Ion:146 Resp: 94015

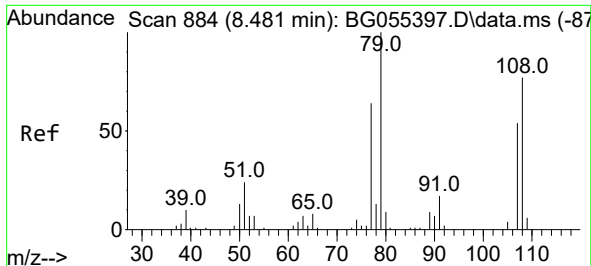
Ion Ratio Lower Upper

146 100

148 65.1 51.4 77.2

111 40.1 33.2 49.8





#15

Benzyl Alcohol

Concen: 40.082 ng

RT: 8.472 min Scan# 81

Delta R.T. -0.004 min

Lab File: BG055450.D

Acq: 4 Nov 2022 12:08

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

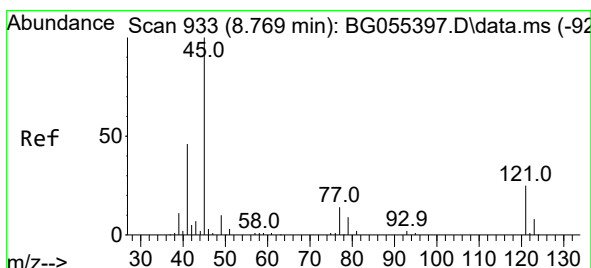
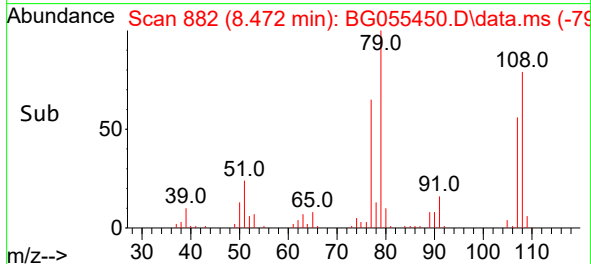
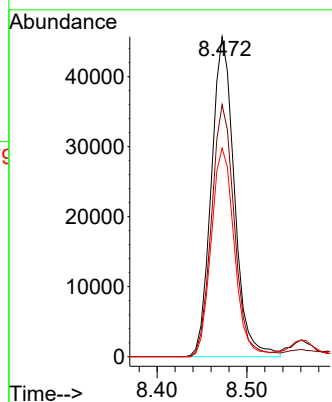
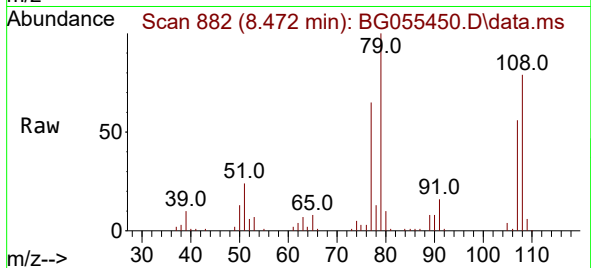
Tgt Ion: 79 Resp: 81455

Ion Ratio Lower Upper

79 100

108 78.8 61.6 92.4

77 65.2 51.4 77.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.967 ng

RT: 8.760 min Scan# 931

Delta R.T. 0.002 min

Lab File: BG055450.D

Acq: 4 Nov 2022 12:08

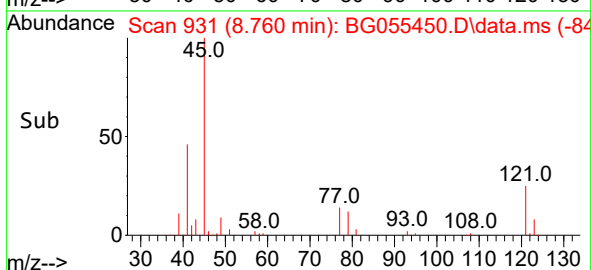
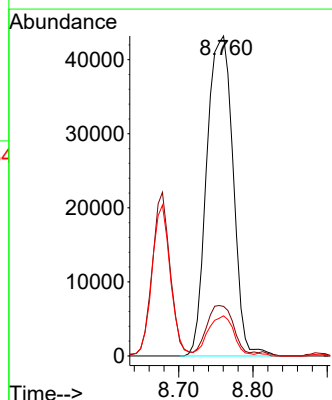
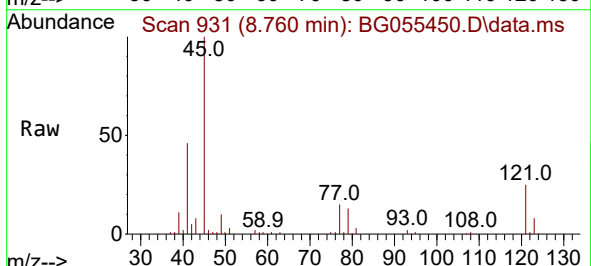
Tgt Ion: 45 Resp: 106121

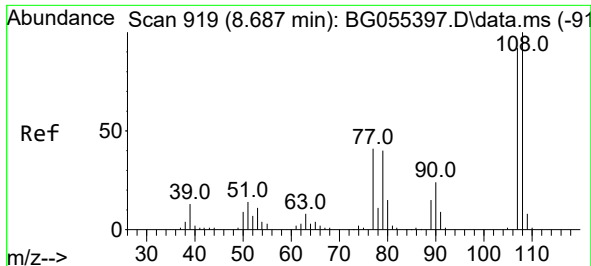
Ion Ratio Lower Upper

45 100

77 15.5 0.0 36.6

79 12.6 0.0 31.3

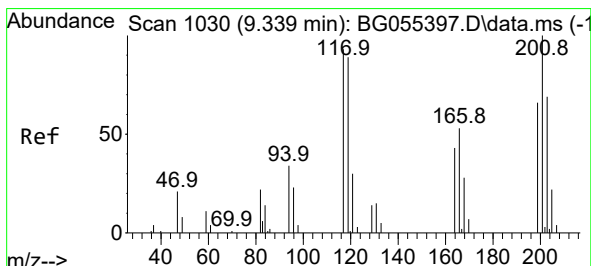
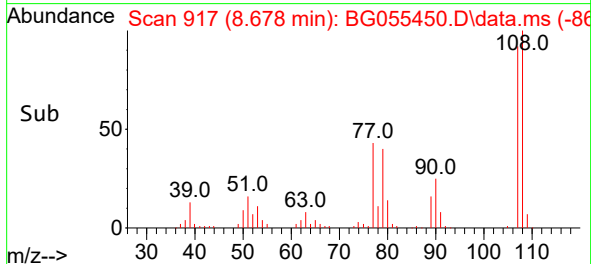
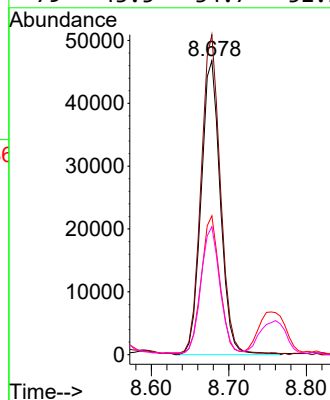
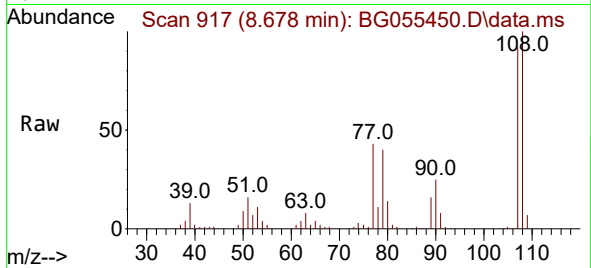




#17  
2-Methylphenol  
Concen: 38.768 ng  
RT: 8.678 min Scan# 917  
Delta R.T. 0.002 min  
Lab File: BG055450.D  
Acq: 4 Nov 2022 12:08

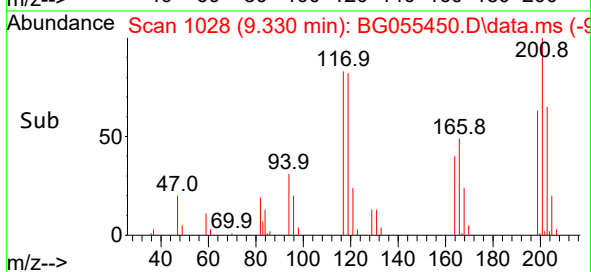
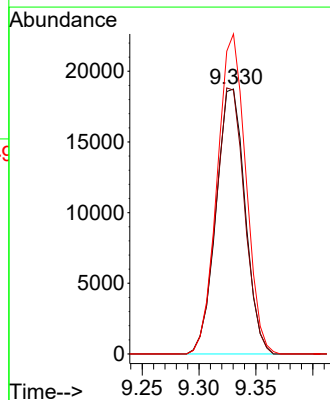
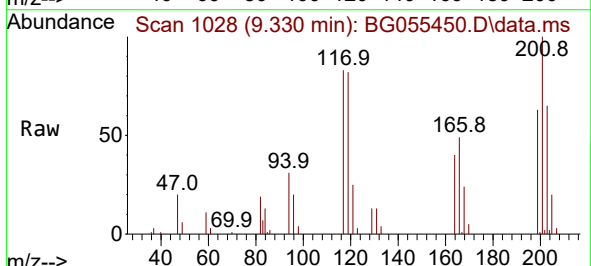
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

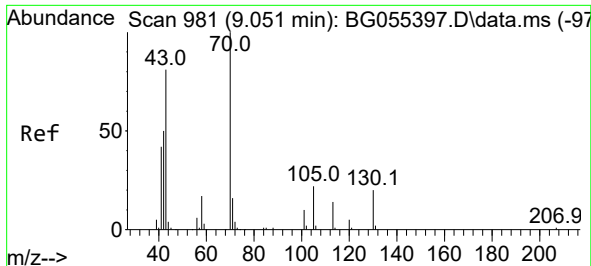
Tgt Ion:107 Resp: 80447  
Ion Ratio Lower Upper  
107 100  
108 108.8 86.9 130.3  
77 47.2 36.1 54.1  
79 43.5 34.7 52.1



#18  
Hexachloroethane  
Concen: 37.669 ng  
RT: 9.330 min Scan# 1028  
Delta R.T. -0.004 min  
Lab File: BG055450.D  
Acq: 4 Nov 2022 12:08

Tgt Ion:117 Resp: 33118  
Ion Ratio Lower Upper  
117 100  
119 99.6 76.5 114.7  
201 120.8 86.1 129.1





#19

n-Nitroso-di-n-propylamine

Concen: 37.661 ng

RT: 9.042 min Scan# 91

Delta R.T. 0.002 min

Lab File: BG055450.D

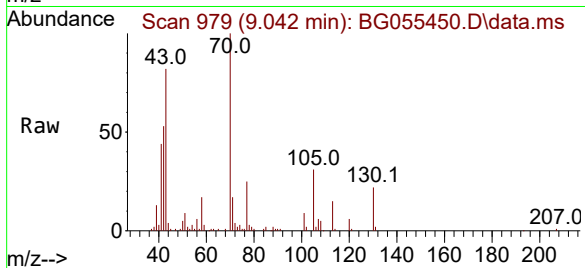
Acq: 4 Nov 2022 12:08

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040



Tgt Ion: 70 Resp: 74984

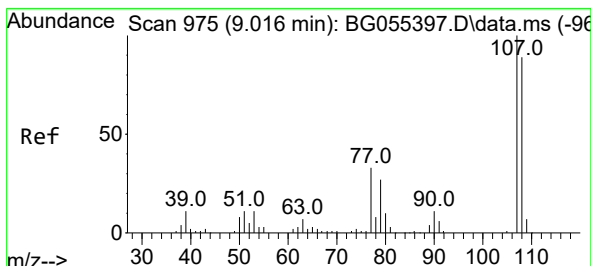
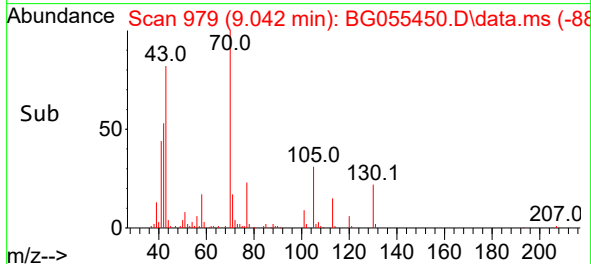
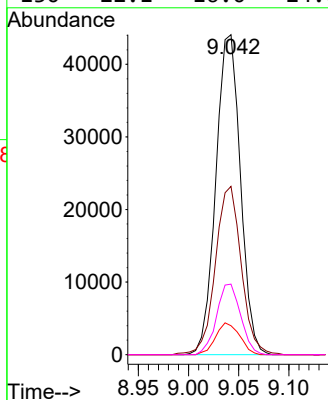
Ion Ratio Lower Upper

70 100

42 52.6 40.6 61.0

101 9.1 7.8 11.6

130 22.1 16.0 24.0



#20

3+4-Methylphenols

Concen: 39.017 ng

RT: 9.007 min Scan# 973

Delta R.T. 0.002 min

Lab File: BG055450.D

Acq: 4 Nov 2022 12:08

Tgt Ion: 107 Resp: 115039

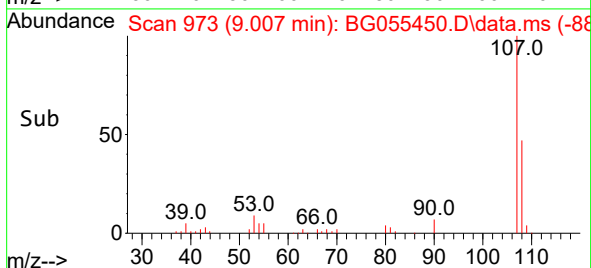
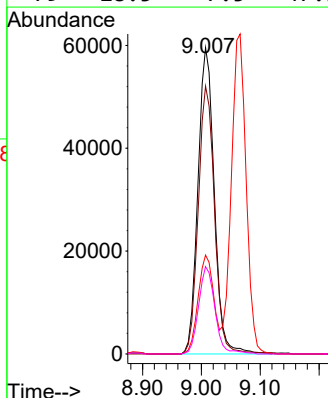
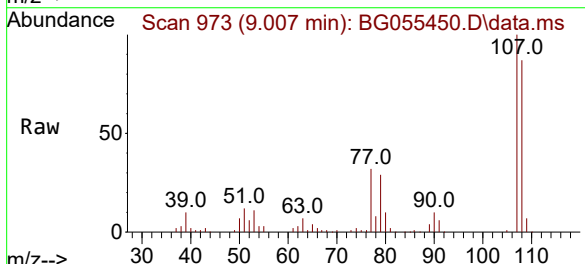
Ion Ratio Lower Upper

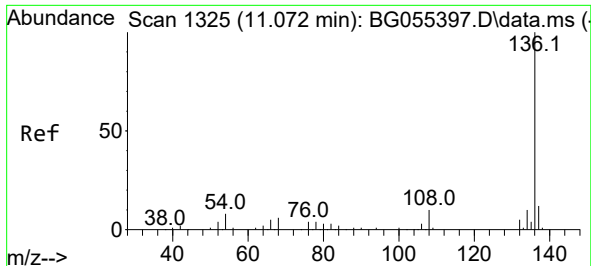
107 100

108 87.4 69.1 109.1

77 32.3 12.8 52.8

79 28.5 7.5 47.5

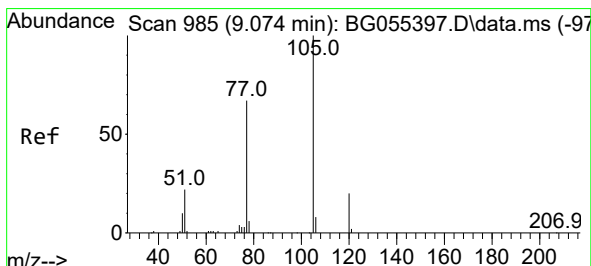
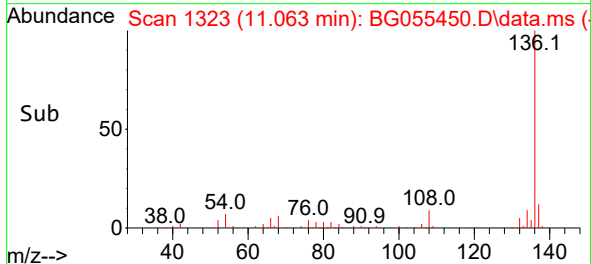
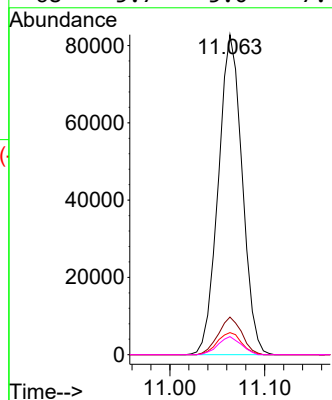
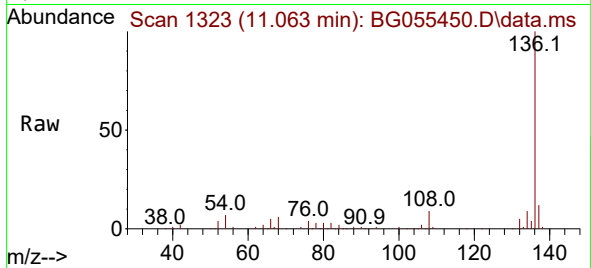




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 11.063 min Scan# 11  
Delta R.T. -0.004 min  
Lab File: BG055450.D  
Acq: 4 Nov 2022 12:08

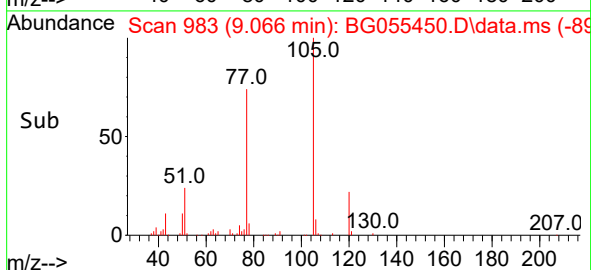
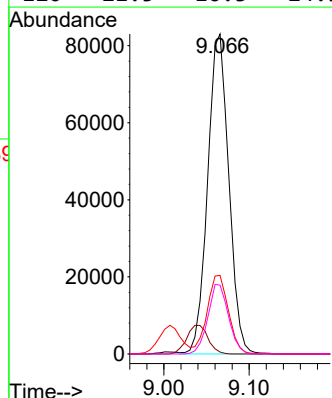
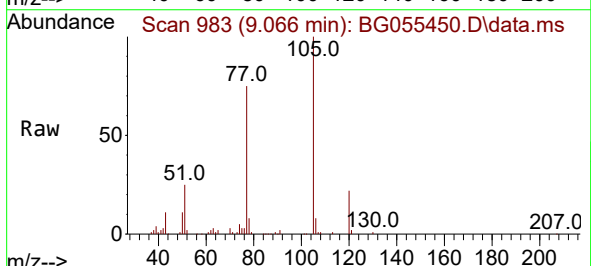
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

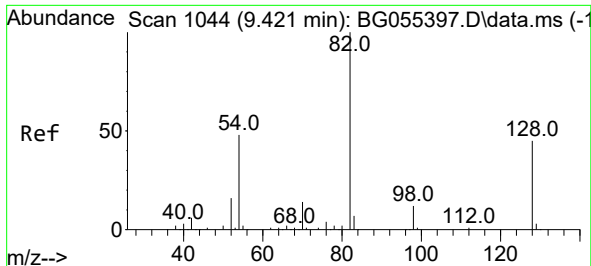
Tgt Ion:136 Resp: 144652  
Ion Ratio Lower Upper  
136 100  
137 11.7 9.4 14.2  
54 6.9 6.1 9.1  
68 5.7 5.0 7.4



#22  
Acetophenone  
Concen: 37.718 ng  
RT: 9.066 min Scan# 983  
Delta R.T. 0.002 min  
Lab File: BG055450.D  
Acq: 4 Nov 2022 12:08

Tgt Ion:105 Resp: 143006  
Ion Ratio Lower Upper  
105 100  
71 0.6 0.5 0.7  
51 24.6 19.6 29.4  
120 21.5 16.3 24.5

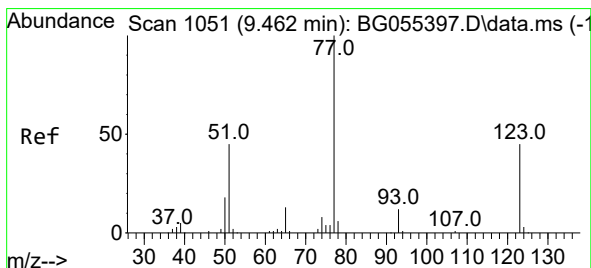
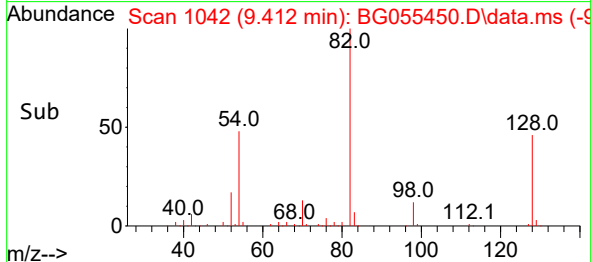
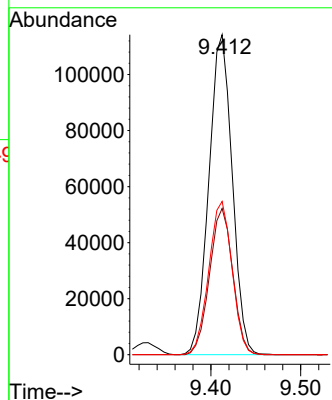
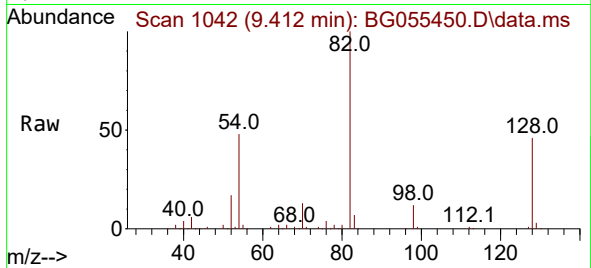




#23  
Nitrobenzene-d5  
Concen: 75.857 ng  
RT: 9.412 min Scan# 1042  
Delta R.T. 0.002 min  
Lab File: BG055450.D  
Acq: 4 Nov 2022 12:08

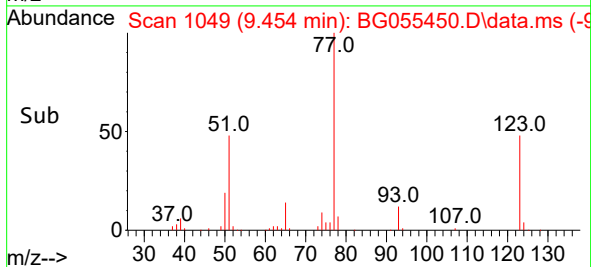
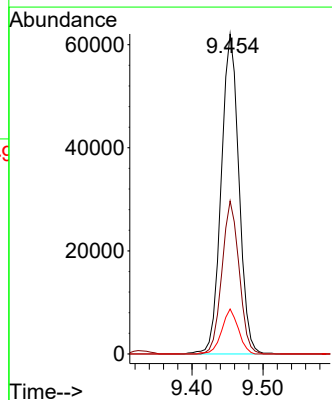
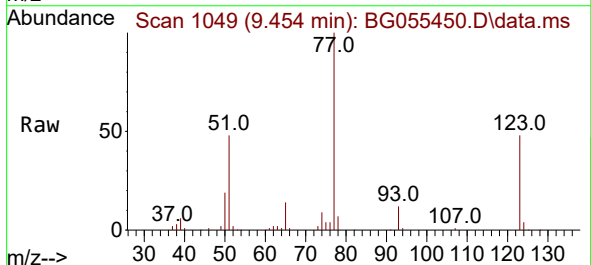
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

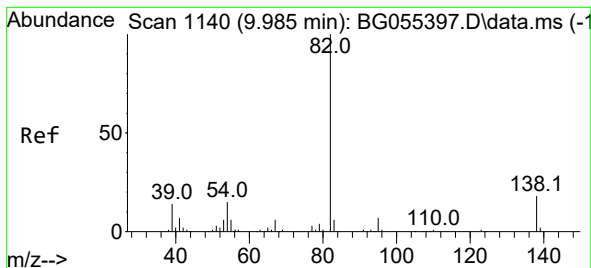
Tgt Ion: 82 Resp: 205890  
Ion Ratio Lower Upper  
82 100  
128 45.7 35.8 53.8  
54 47.9 38.1 57.1



#24  
Nitrobenzene  
Concen: 37.835 ng  
RT: 9.454 min Scan# 1049  
Delta R.T. -0.004 min  
Lab File: BG055450.D  
Acq: 4 Nov 2022 12:08

Tgt Ion: 77 Resp: 107064  
Ion Ratio Lower Upper  
77 100  
123 47.8 35.8 53.8  
65 14.0 10.2 15.4





#25

Isophorone

Concen: 37.835 ng

RT: 9.976 min Scan# 1138

Delta R.T. 0.002 min

Lab File: BG055450.D

Acq: 4 Nov 2022 12:08

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

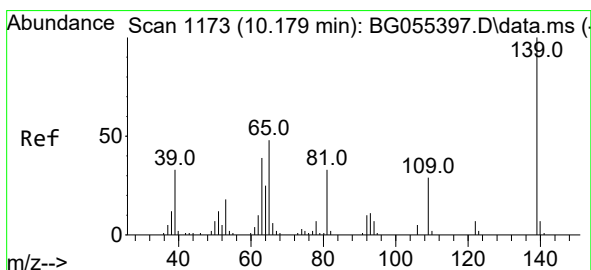
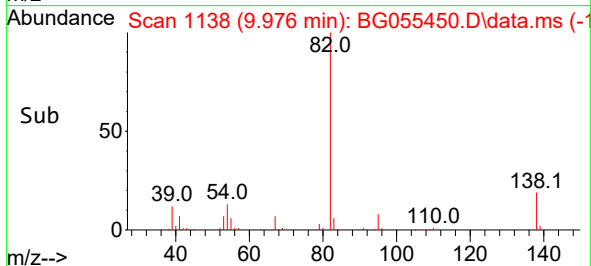
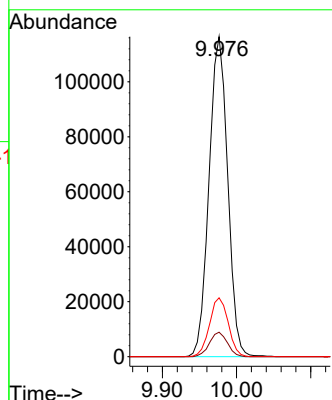
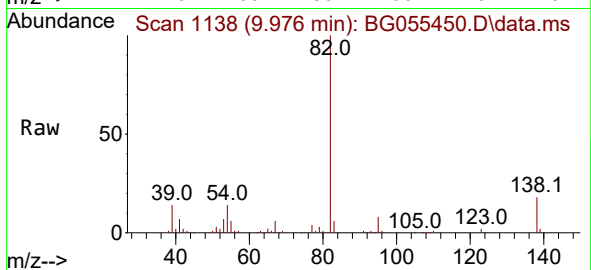
Tgt Ion: 82 Resp: 203376

Ion Ratio Lower Upper

82 100

95 7.7 6.0 9.0

138 18.4 14.6 21.8



#26

2-Nitrophenol

Concen: 39.145 ng

RT: 10.170 min Scan# 1171

Delta R.T. 0.002 min

Lab File: BG055450.D

Acq: 4 Nov 2022 12:08

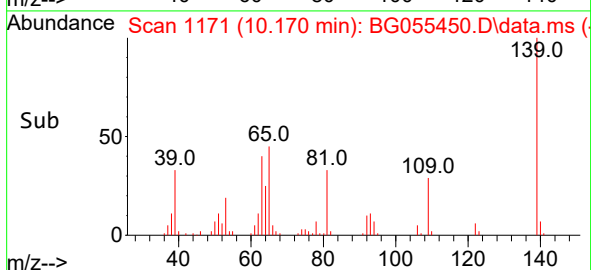
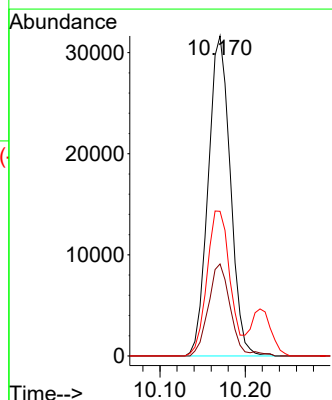
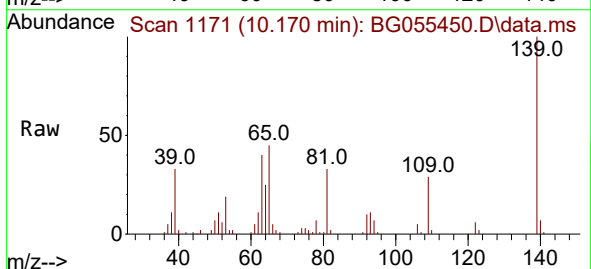
Tgt Ion:139 Resp: 57038

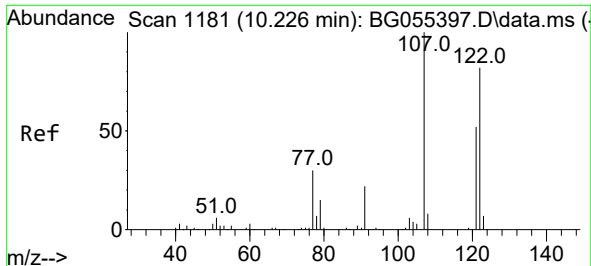
Ion Ratio Lower Upper

139 100

109 28.7 22.9 34.3

65 45.2 38.7 58.1





#27

2,4-Dimethylphenol

Concen: 39.044 ng

RT: 10.217 min Scan# 1181

Delta R.T. -0.004 min

Lab File: BG055450.D

Acq: 4 Nov 2022 12:08

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

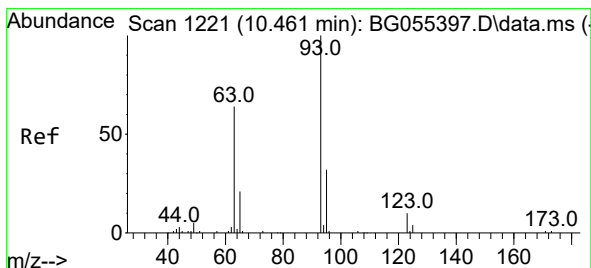
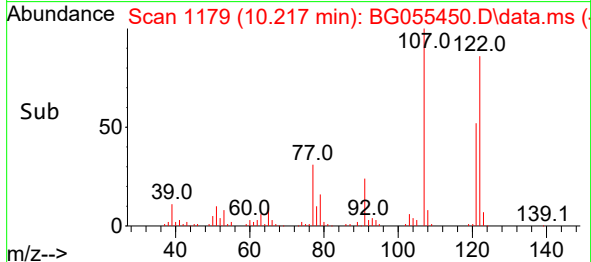
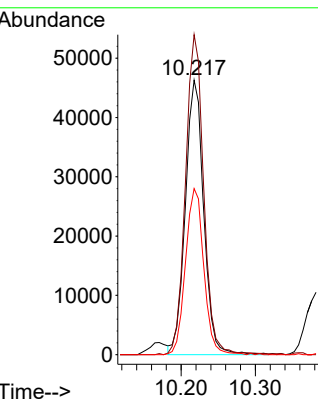
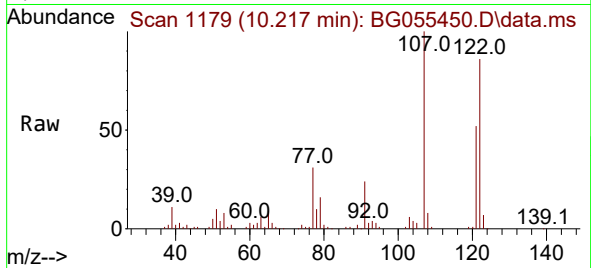
Tgt Ion:122 Resp: 79770

Ion Ratio Lower Upper

122 100

107 116.6 95.4 143.2

121 60.5 49.5 74.3



#28

bis(2-Chloroethoxy)methane

Concen: 38.246 ng

RT: 10.447 min Scan# 1218

Delta R.T. -0.004 min

Lab File: BG055450.D

Acq: 4 Nov 2022 12:08

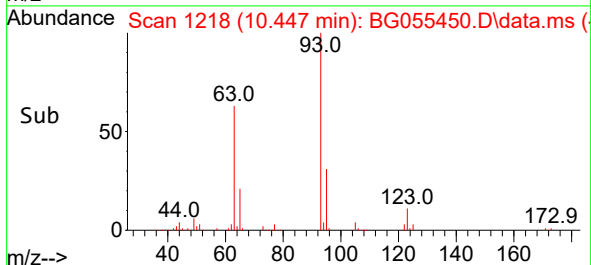
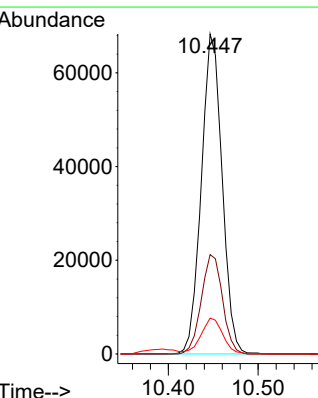
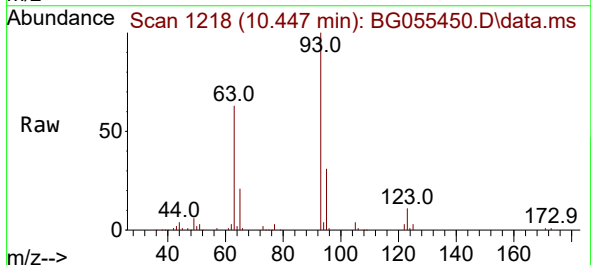
Tgt Ion: 93 Resp: 109501

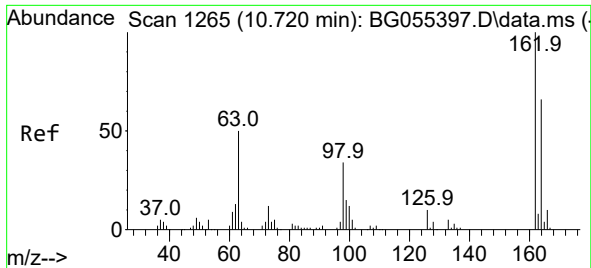
Ion Ratio Lower Upper

93 100

95 31.0 25.7 38.5

123 11.2 8.4 12.6

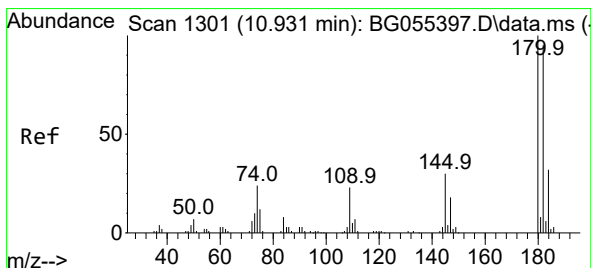
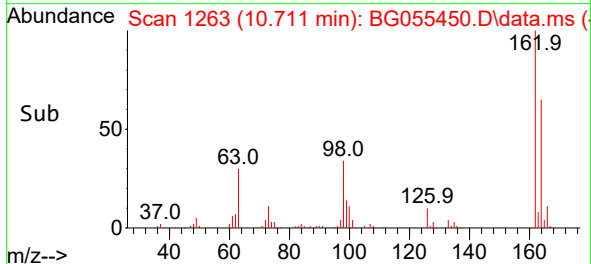
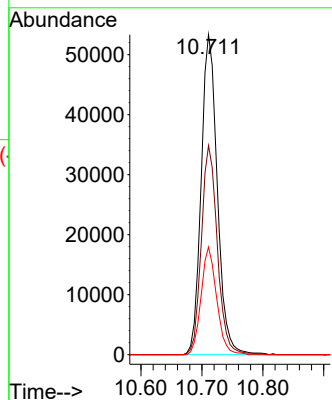
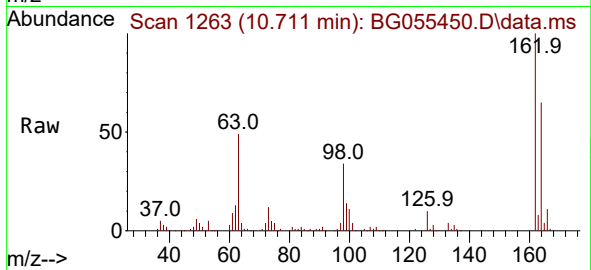




#29  
 2,4-Dichlorophenol  
 Concen: 39.473 ng  
 RT: 10.711 min Scan# 1263  
 Delta R.T. 0.002 min  
 Lab File: BG055450.D  
 Acq: 4 Nov 2022 12:08

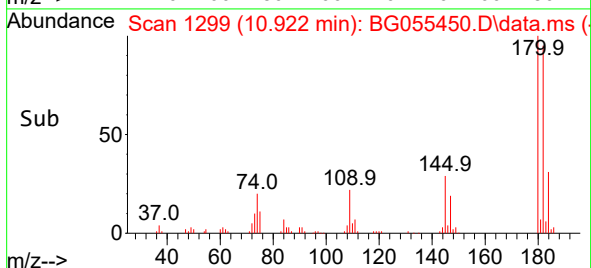
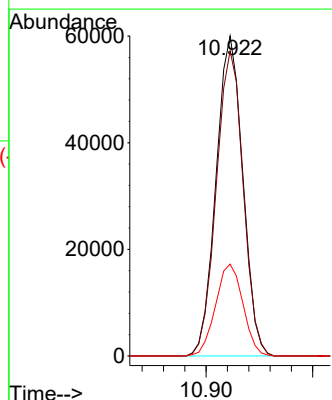
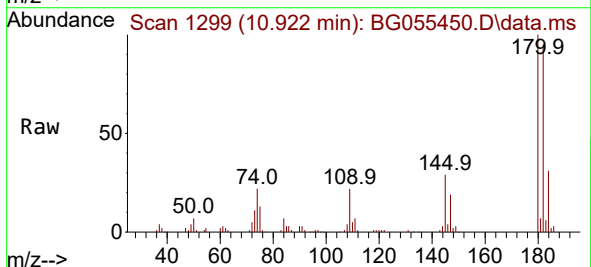
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

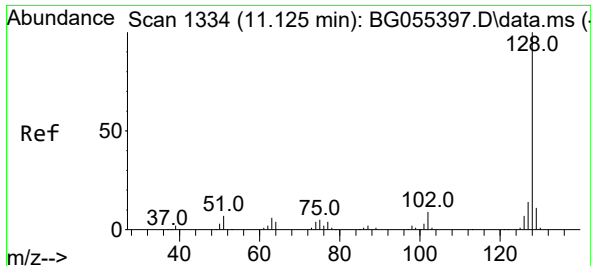
Tgt Ion:162 Resp: 98376  
 Ion Ratio Lower Upper  
 162 100  
 164 65.3 46.1 86.1  
 98 33.6 13.8 53.8



#30  
 1,2,4-Trichlorobenzene  
 Concen: 38.717 ng  
 RT: 10.922 min Scan# 1299  
 Delta R.T. -0.004 min  
 Lab File: BG055450.D  
 Acq: 4 Nov 2022 12:08

Tgt Ion:180 Resp: 104487  
 Ion Ratio Lower Upper  
 180 100  
 182 95.4 76.2 114.2  
 145 28.7 23.9 35.9

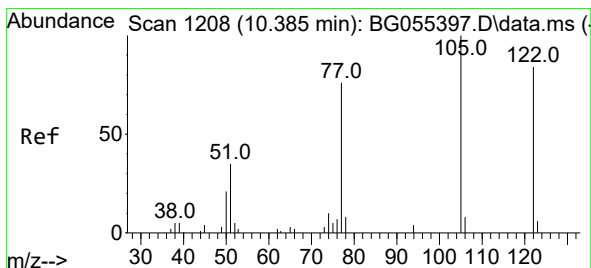
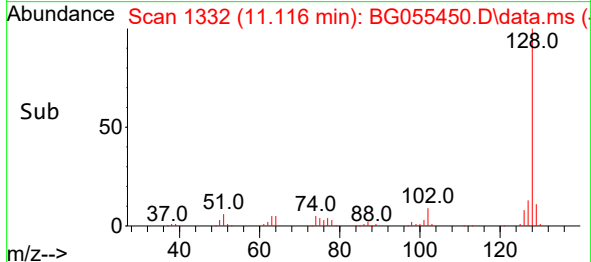
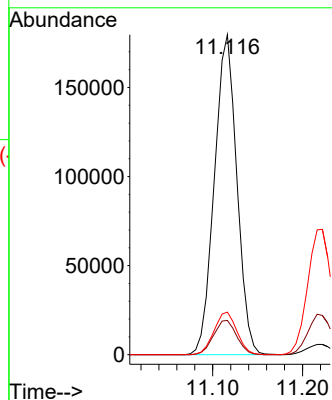
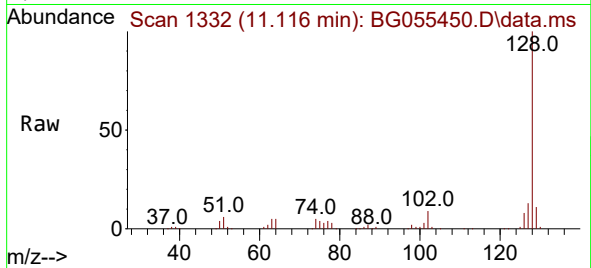




#31  
Naphthalene  
Concen: 38.271 ng  
RT: 11.116 min Scan# 11  
Delta R.T. 0.002 min  
Lab File: BG055450.D  
Acq: 4 Nov 2022 12:08

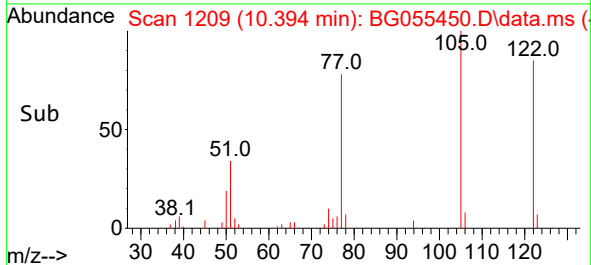
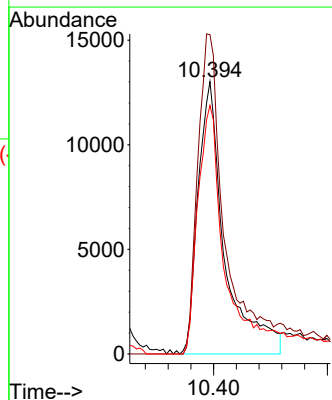
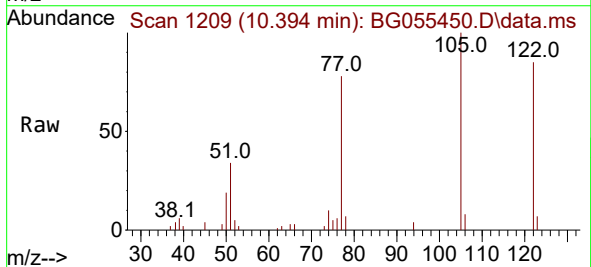
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

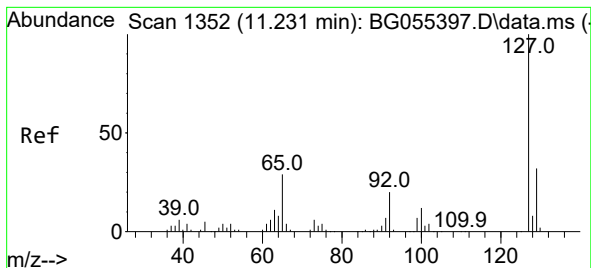
Tgt Ion:128 Resp: 311688  
Ion Ratio Lower Upper  
128 100  
129 10.7 8.8 13.2  
127 13.3 10.8 16.2



#32  
Benzoic acid  
Concen: 36.961 ng  
RT: 10.394 min Scan# 1209  
Delta R.T. 0.008 min  
Lab File: BG055450.D  
Acq: 4 Nov 2022 12:08

Tgt Ion:122 Resp: 42479  
Ion Ratio Lower Upper  
122 100  
105 117.3 97.4 137.4  
77 91.3 69.5 109.5

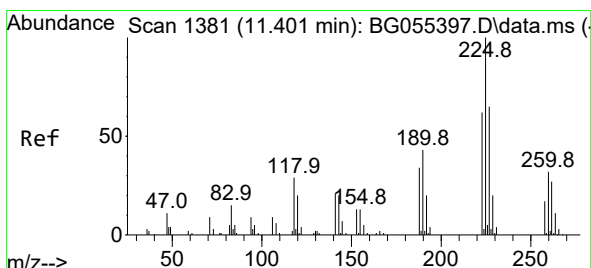
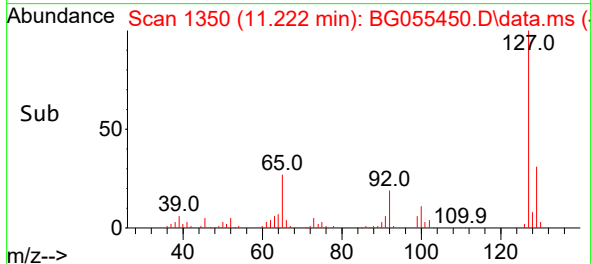
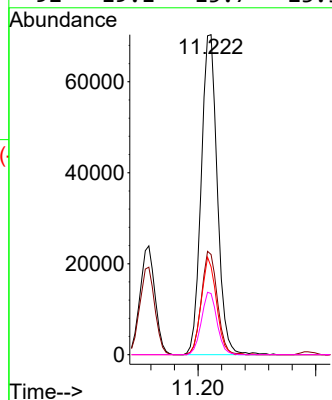
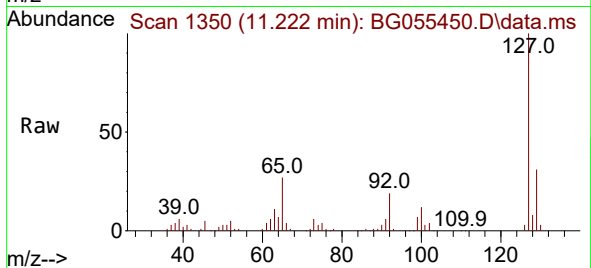




#33  
4-Chloroaniline  
Concen: 39.477 ng  
RT: 11.222 min Scan# 11  
Delta R.T. 0.002 min  
Lab File: BG055450.D  
Acq: 4 Nov 2022 12:08

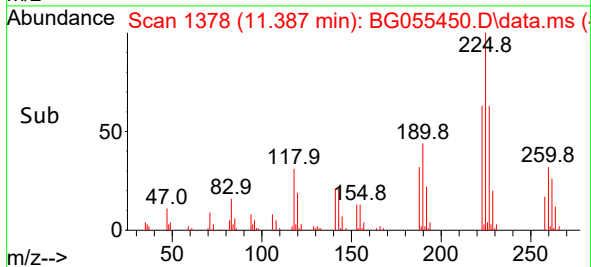
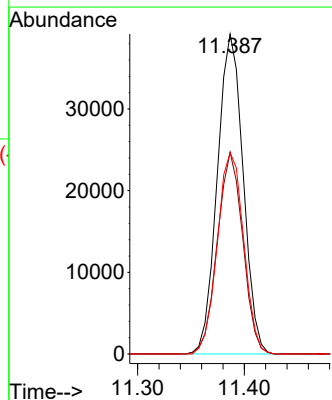
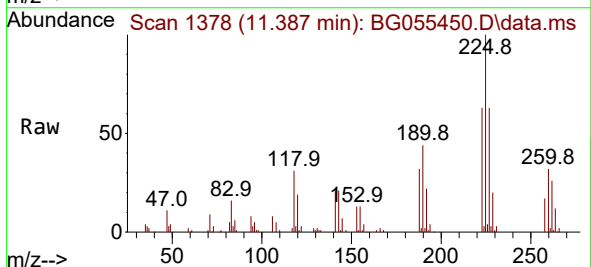
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

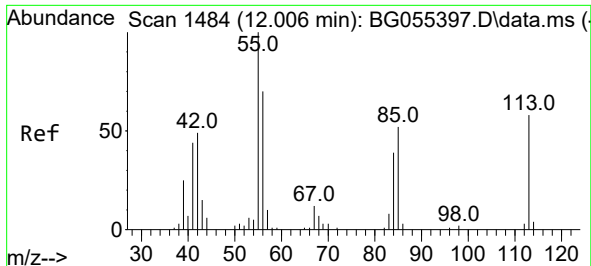
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 127   | Resp: | 133592 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 31.3  | 25.3  | 37.9   |
| 65       | 27.5  | 23.0  | 34.4   |
| 92       | 19.1  | 15.7  | 23.5   |



#34  
Hexachlorobutadiene  
Concen: 39.198 ng  
RT: 11.387 min Scan# 1378  
Delta R.T. -0.004 min  
Lab File: BG055450.D  
Acq: 4 Nov 2022 12:08

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 225   | Resp: | 65756 |
| Ion      | Ratio | Lower | Upper |
| 225      | 100   |       |       |
| 223      | 63.1  | 49.9  | 74.9  |
| 227      | 63.0  | 51.9  | 77.9  |

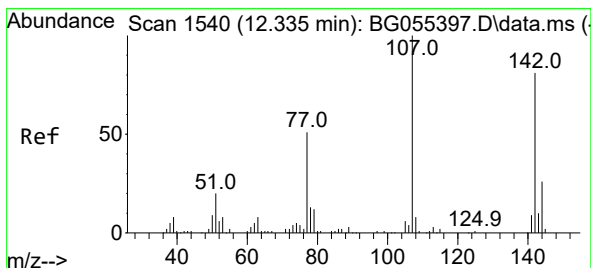
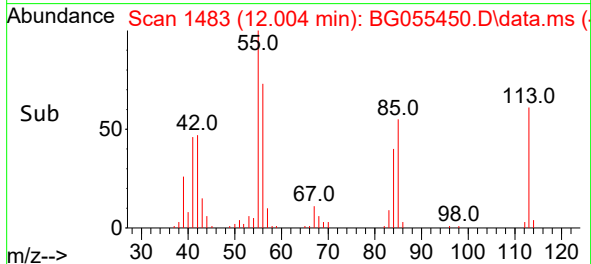
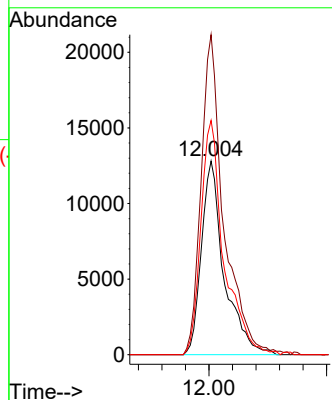
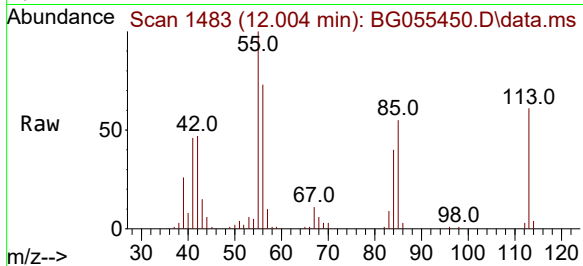




#35  
 Caprolactam  
 Concen: 37.197 ng  
 RT: 12.004 min Scan# 1483  
 Delta R.T. 0.002 min  
 Lab File: BG055450.D  
 Acq: 4 Nov 2022 12:08

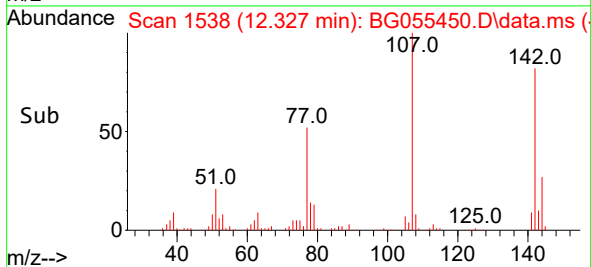
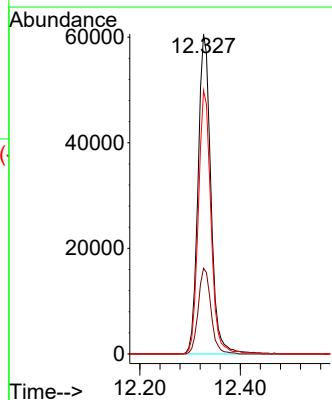
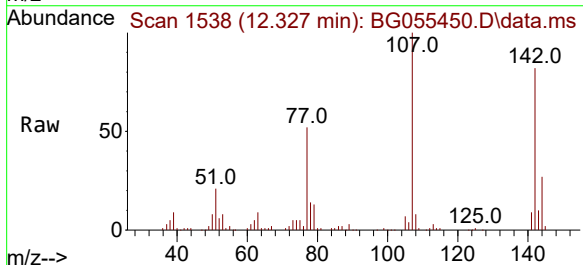
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

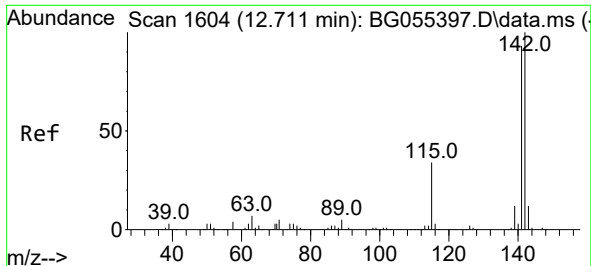
Tgt Ion:113 Resp: 34323  
 Ion Ratio Lower Upper  
 113 100  
 55 165.2 152.6 192.6  
 56 121.0 100.5 140.5



#36  
 4-Chloro-3-methylphenol  
 Concen: 39.352 ng  
 RT: 12.327 min Scan# 1538  
 Delta R.T. -0.004 min  
 Lab File: BG055450.D  
 Acq: 4 Nov 2022 12:08

Tgt Ion:107 Resp: 107386  
 Ion Ratio Lower Upper  
 107 100  
 144 26.8 20.6 31.0  
 142 82.3 64.7 97.1





#37

2-Methylnaphthalene

Concen: 38.419 ng

RT: 12.703 min Scan# 1

Delta R.T. 0.002 min

Lab File: BG055450.D

Acq: 4 Nov 2022 12:08

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

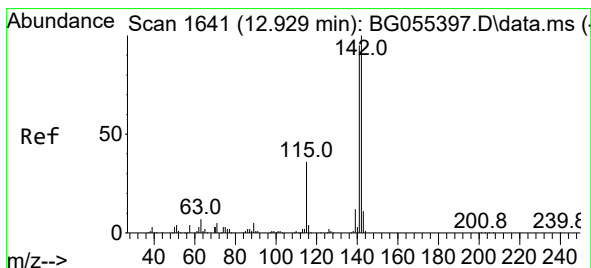
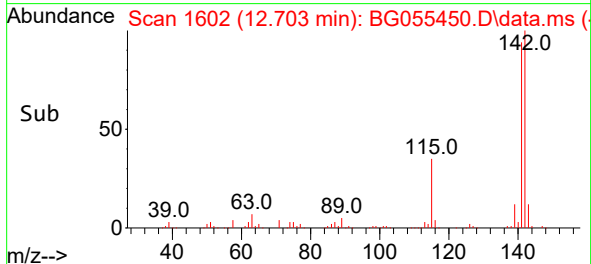
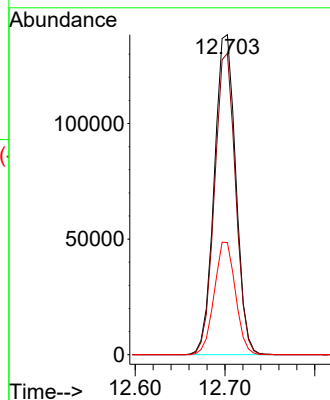
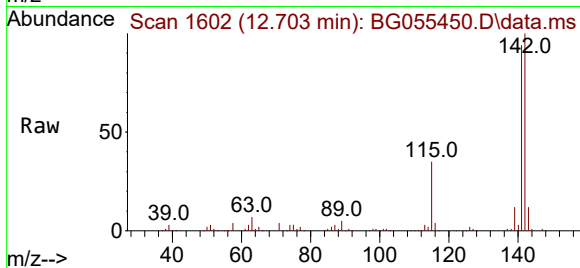
Tgt Ion:142 Resp: 229831

Ion Ratio Lower Upper

142 100

141 94.1 74.5 111.7

115 35.0 27.4 41.2



#38

1-Methylnaphthalene

Concen: 38.406 ng

RT: 12.914 min Scan# 1638

Delta R.T. -0.004 min

Lab File: BG055450.D

Acq: 4 Nov 2022 12:08

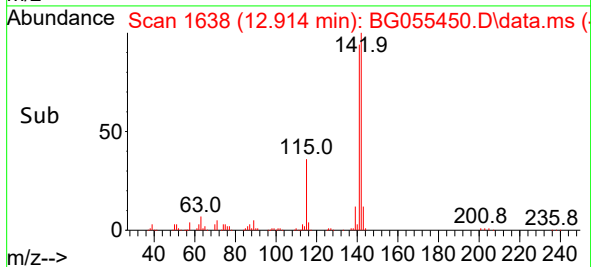
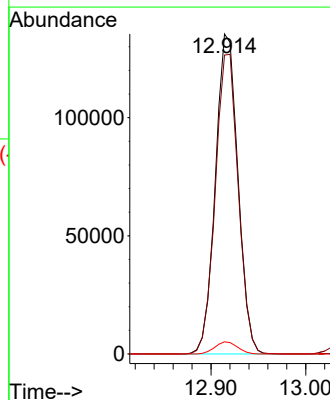
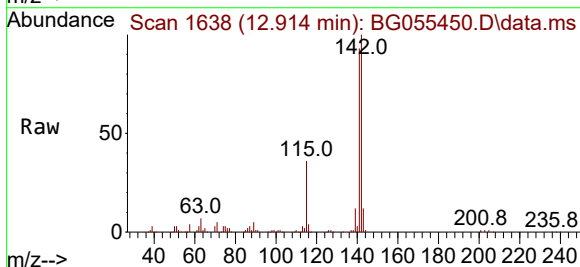
Tgt Ion:142 Resp: 224090

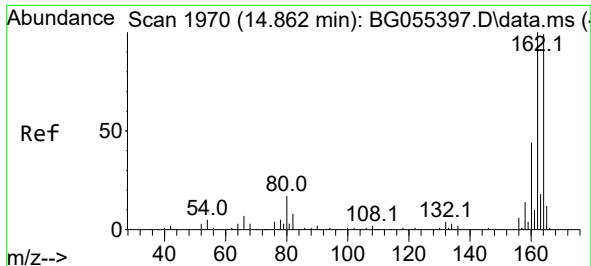
Ion Ratio Lower Upper

142 100

141 93.4 76.1 114.1

116 3.8 3.0 4.4

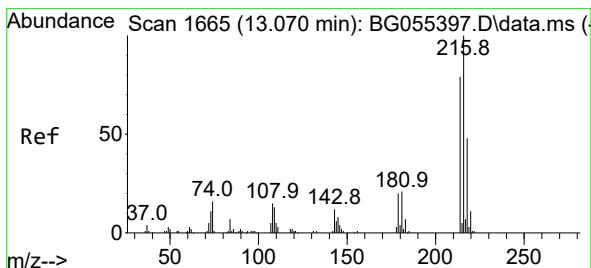
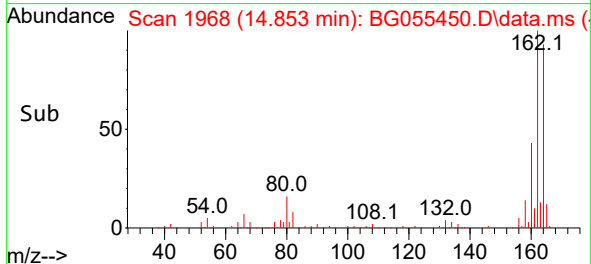
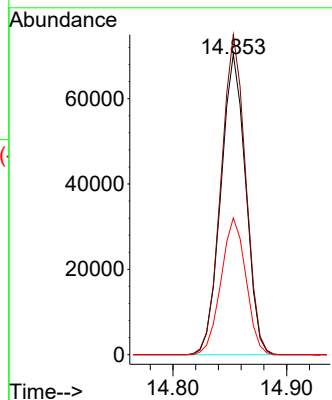
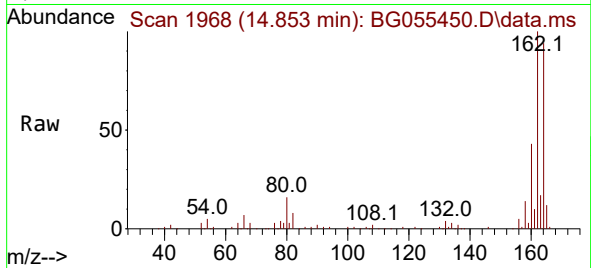




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.853 min Scan# 1970  
Delta R.T. -0.004 min  
Lab File: BG055450.D  
Acq: 4 Nov 2022 12:08

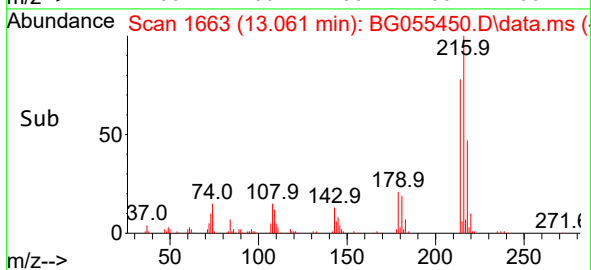
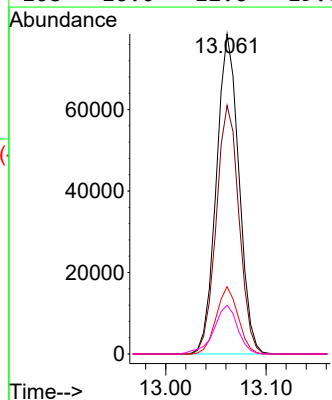
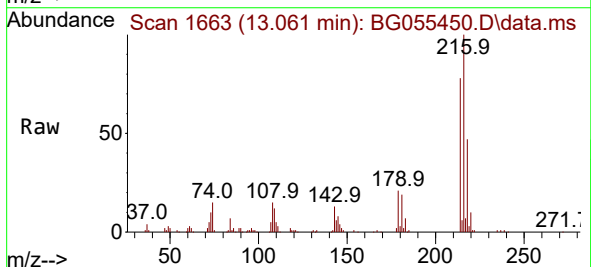
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ClientSampleId :  
SSTDCCC040

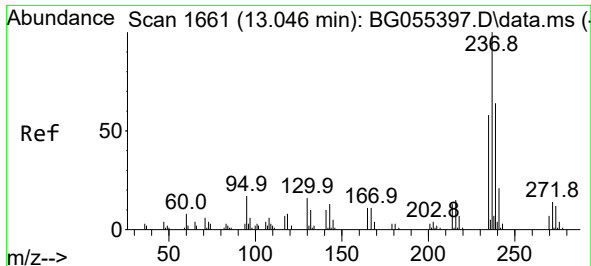
Tgt Ion:164 Resp: 106404  
Ion Ratio Lower Upper  
164 100  
162 106.5 81.1 121.7  
160 45.5 35.8 53.6



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 38.898 ng  
RT: 13.061 min Scan# 1663  
Delta R.T. -0.004 min  
Lab File: BG055450.D  
Acq: 4 Nov 2022 12:08

Tgt Ion:216 Resp: 122262  
Ion Ratio Lower Upper  
216 100  
214 78.4 63.4 95.0  
179 20.4 16.6 24.8  
108 16.0 12.6 19.0

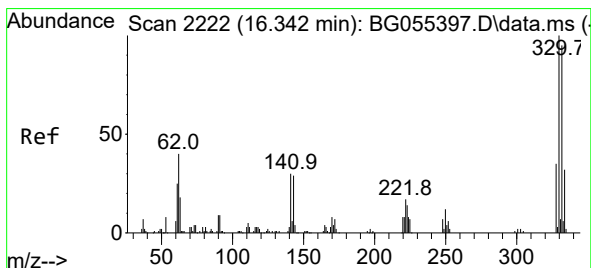
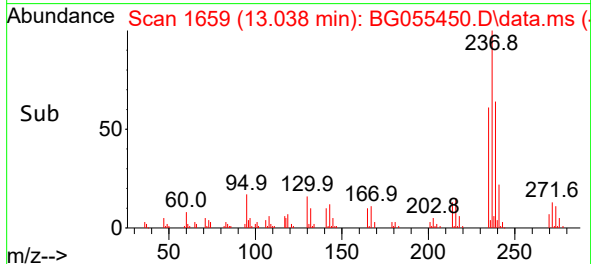
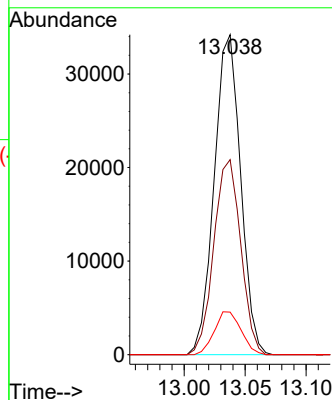
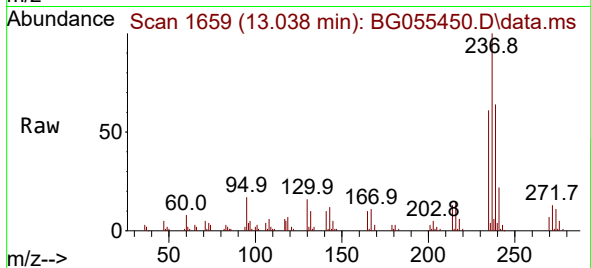




#41  
Hexachlorocyclopentadiene  
Concen: 38.064 ng  
RT: 13.038 min Scan# 1  
Delta R.T. 0.002 min  
Lab File: BG055450.D  
Acq: 4 Nov 2022 12:08

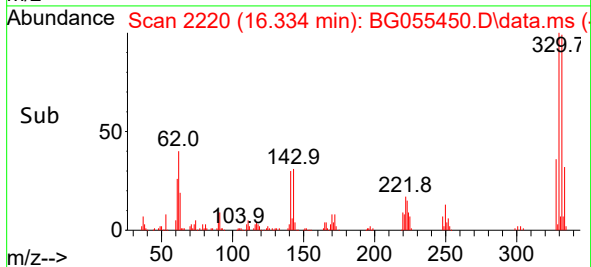
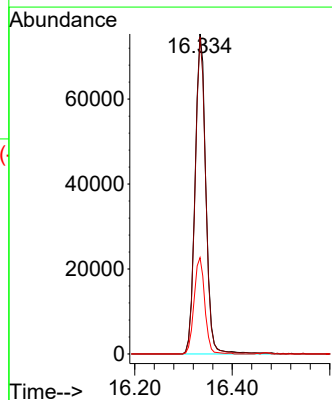
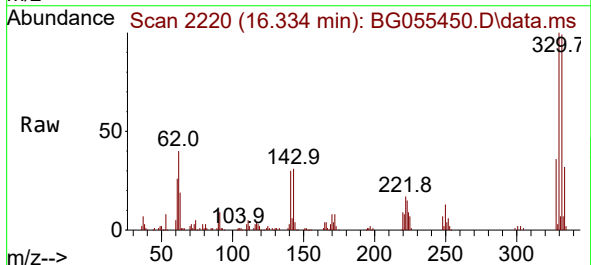
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SSTDCCC040

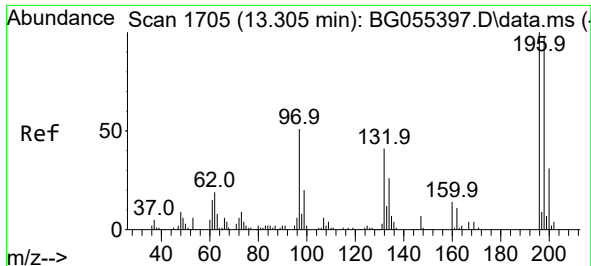
Tgt Ion:237 Resp: 51550  
Ion Ratio Lower Upper  
237 100  
235 60.9 38.1 78.1  
272 13.3 0.0 33.7



#42  
2,4,6-Tribromophenol  
Concen: 80.324 ng  
RT: 16.334 min Scan# 2220  
Delta R.T. -0.004 min  
Lab File: BG055450.D  
Acq: 4 Nov 2022 12:08

Tgt Ion:330 Resp: 116580  
Ion Ratio Lower Upper  
330 100  
332 96.6 77.8 116.6  
141 29.8 24.2 36.2

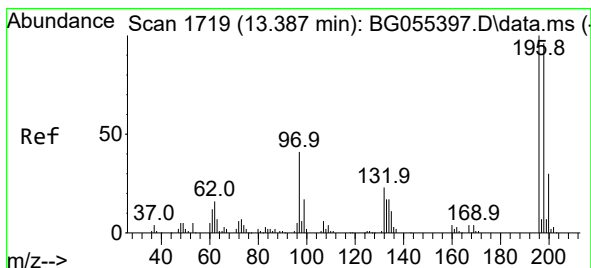
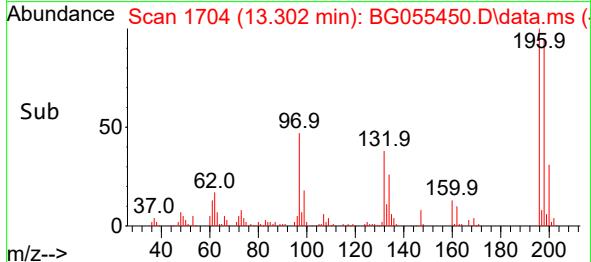
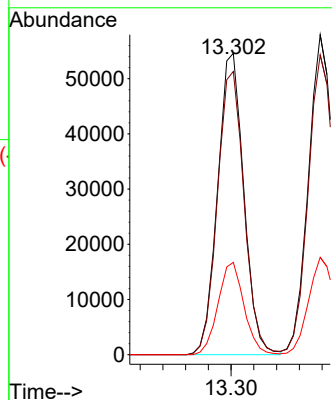
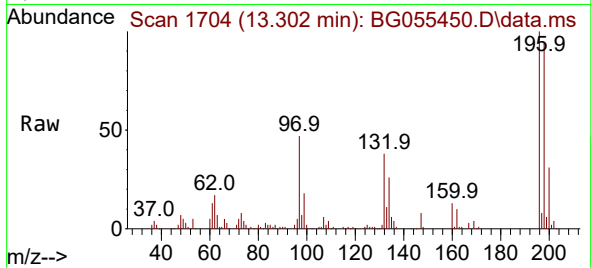




#43  
2,4,6-Trichlorophenol  
Concen: 39.980 ng  
RT: 13.302 min Scan# 1  
Delta R.T. 0.002 min  
Lab File: BG055450.D  
Acq: 4 Nov 2022 12:08

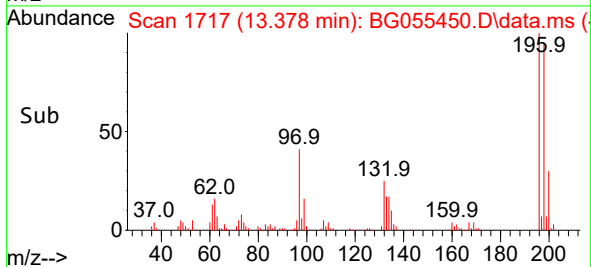
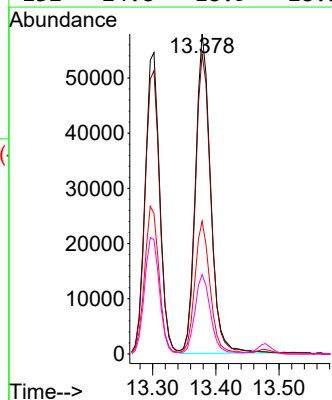
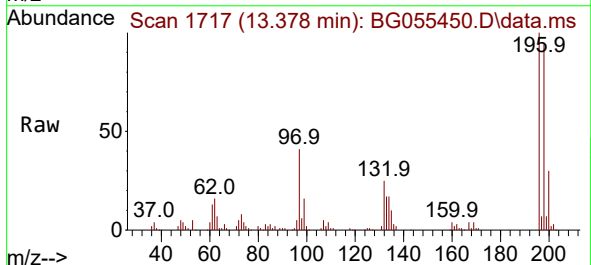
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

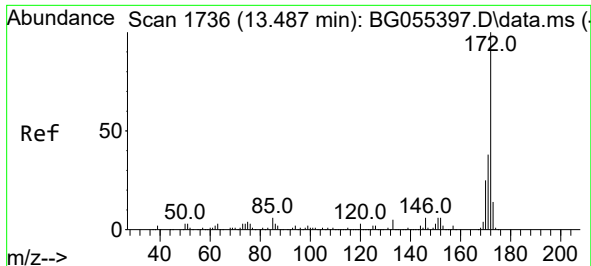
Tgt Ion:196 Resp: 87511  
Ion Ratio Lower Upper  
196 100  
198 94.0 78.8 118.2  
200 30.6 25.0 37.6



#44  
2,4,5-Trichlorophenol  
Concen: 39.658 ng  
RT: 13.378 min Scan# 1717  
Delta R.T. -0.004 min  
Lab File: BG055450.D  
Acq: 4 Nov 2022 12:08

Tgt Ion:196 Resp: 96689  
Ion Ratio Lower Upper  
196 100  
198 93.7 76.9 115.3  
97 41.4 33.1 49.7  
132 24.8 18.9 28.3

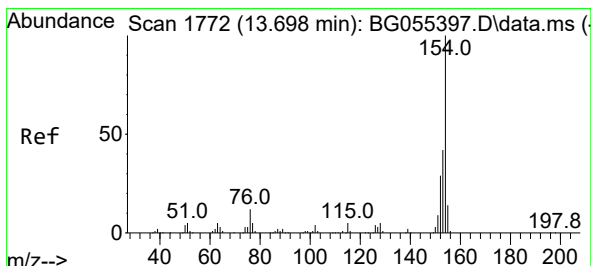
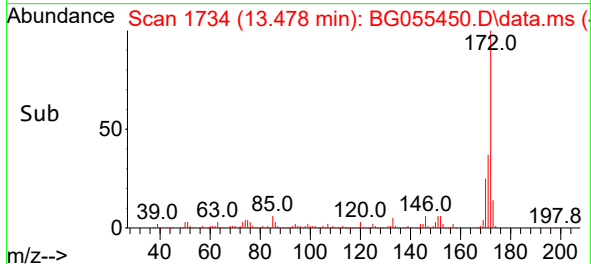
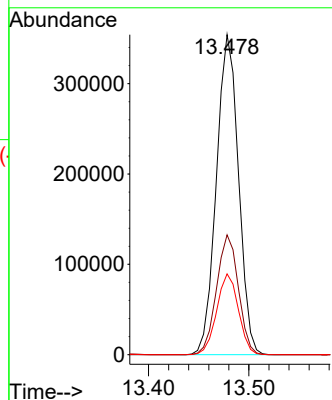
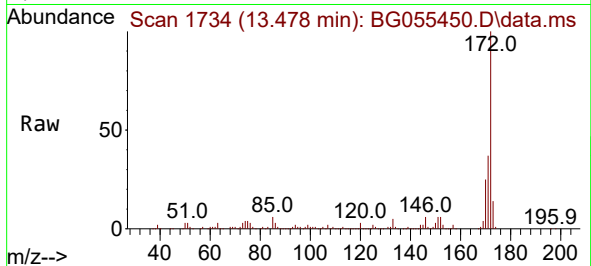




#45  
2-Fluorobiphenyl  
Concen: 75.449 ng  
RT: 13.478 min Scan# 1736  
Delta R.T. -0.004 min  
Lab File: BG055450.D  
Acq: 4 Nov 2022 12:08

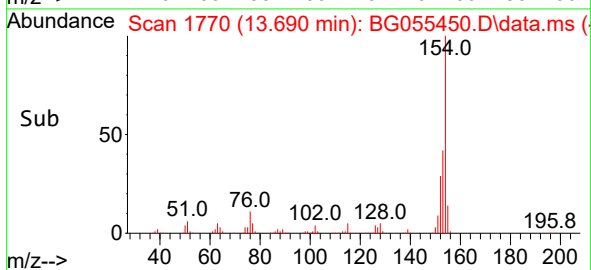
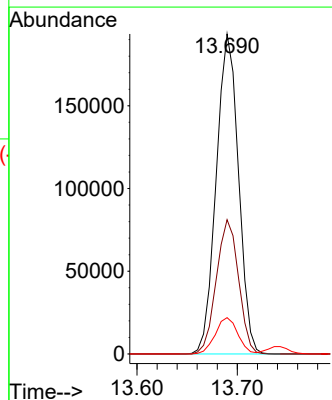
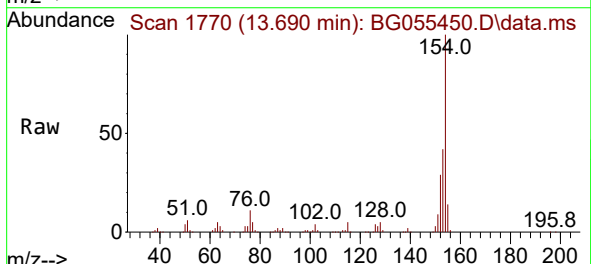
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

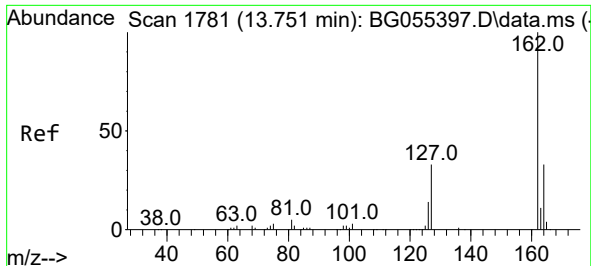
Tgt Ion:172 Resp: 541463  
Ion Ratio Lower Upper  
172 100  
171 37.5 30.2 45.2  
170 25.2 20.2 30.2



#46  
1,1'-Biphenyl  
Concen: 37.928 ng  
RT: 13.690 min Scan# 1770  
Delta R.T. 0.002 min  
Lab File: BG055450.D  
Acq: 4 Nov 2022 12:08

Tgt Ion:154 Resp: 296959  
Ion Ratio Lower Upper  
154 100  
153 41.9 21.6 61.6  
76 11.4 0.0 32.0

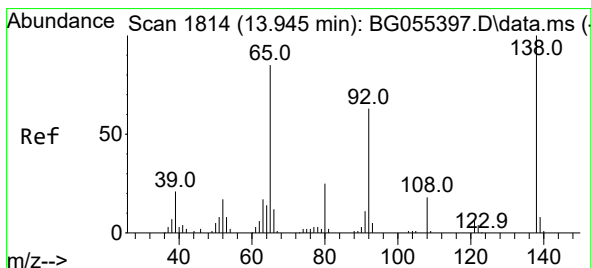
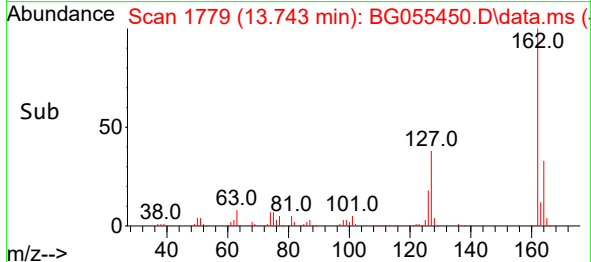
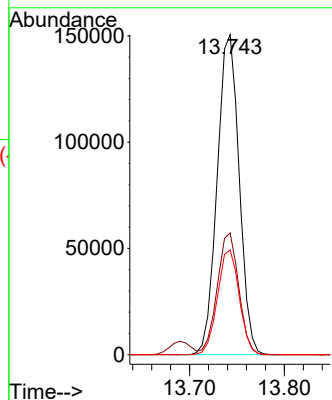
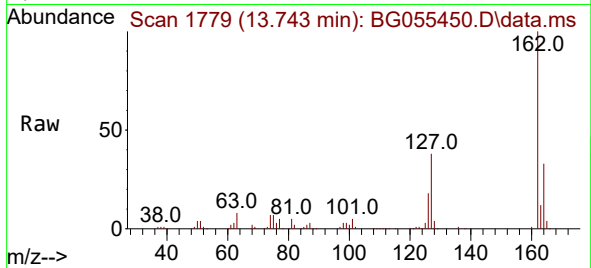




#47  
2-Chloronaphthalene  
Concen: 38.558 ng  
RT: 13.743 min Scan# 1  
Delta R.T. 0.002 min  
Lab File: BG055450.D  
Acq: 4 Nov 2022 12:08

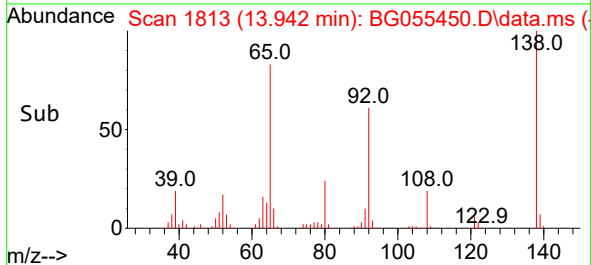
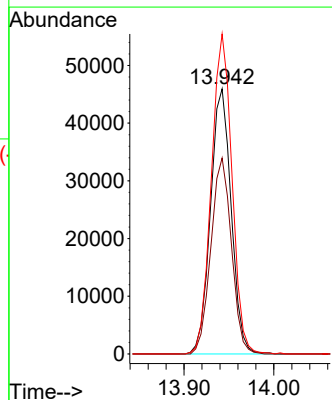
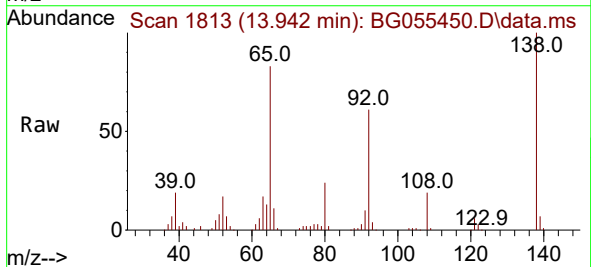
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

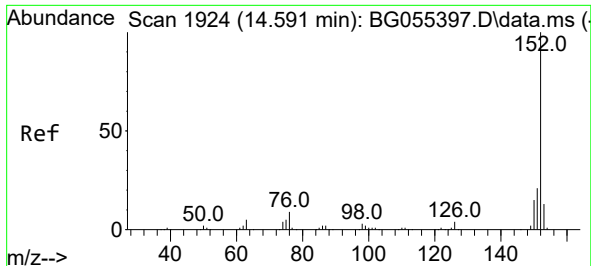
Tgt Ion:162 Resp: 242582  
Ion Ratio Lower Upper  
162 100  
127 38.1 29.8 44.8  
164 32.8 26.4 39.6



#48  
2-Nitroaniline  
Concen: 38.057 ng  
RT: 13.942 min Scan# 1813  
Delta R.T. 0.002 min  
Lab File: BG055450.D  
Acq: 4 Nov 2022 12:08

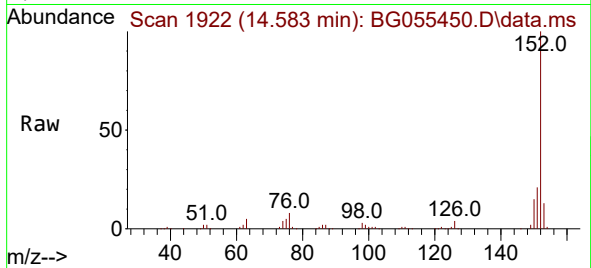
Tgt Ion: 65 Resp: 73540  
Ion Ratio Lower Upper  
65 100  
92 73.9 59.4 89.0  
138 120.7 93.8 140.8



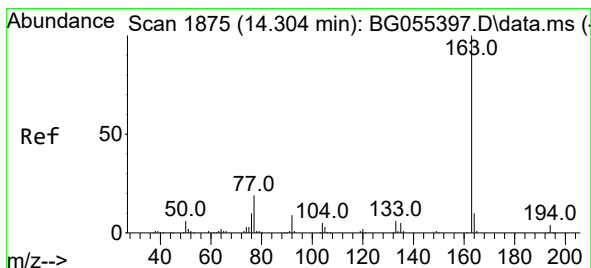
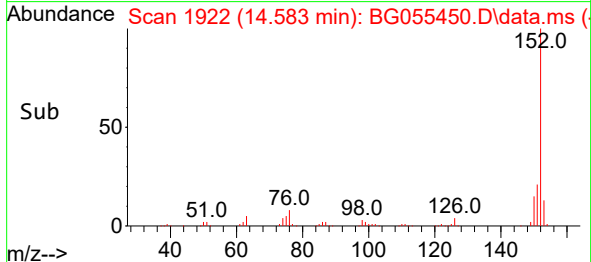
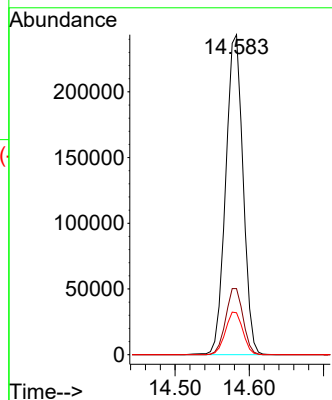


#49  
Acenaphthylene  
Concen: 38.170 ng  
RT: 14.583 min Scan# 1922  
Delta R.T. 0.002 min  
Lab File: BG055450.D  
Acq: 4 Nov 2022 12:08

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

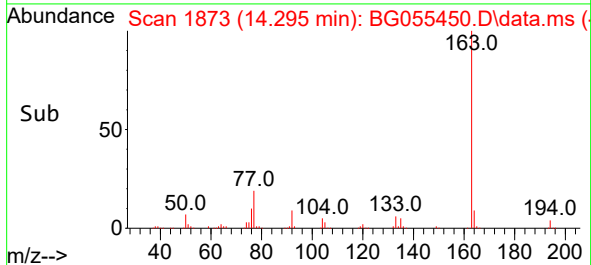
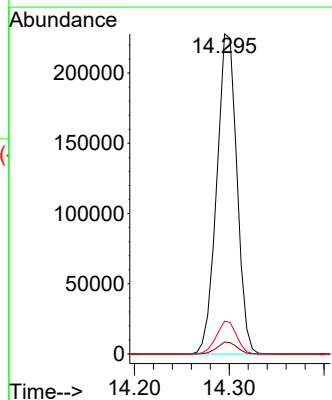
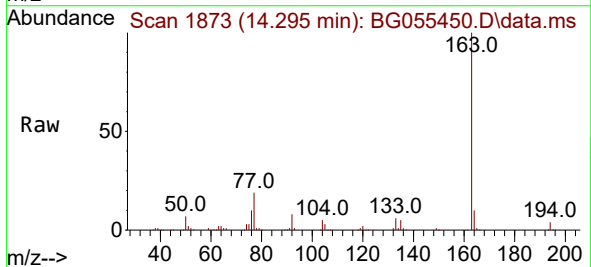


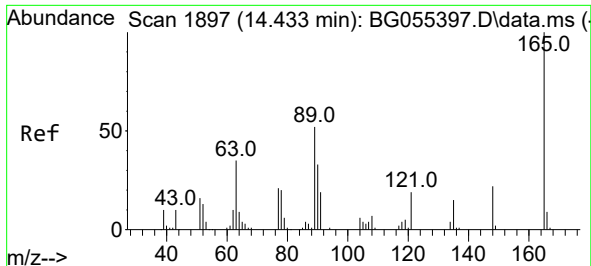
Tgt Ion:152 Resp: 394309  
Ion Ratio Lower Upper  
152 100  
151 20.6 16.7 25.1  
153 13.1 10.7 16.1



#50  
Dimethylphthalate  
Concen: 37.932 ng  
RT: 14.295 min Scan# 1873  
Delta R.T. -0.004 min  
Lab File: BG055450.D  
Acq: 4 Nov 2022 12:08

Tgt Ion:163 Resp: 336899  
Ion Ratio Lower Upper  
163 100  
194 3.7 3.2 4.8  
164 10.2 8.2 12.2

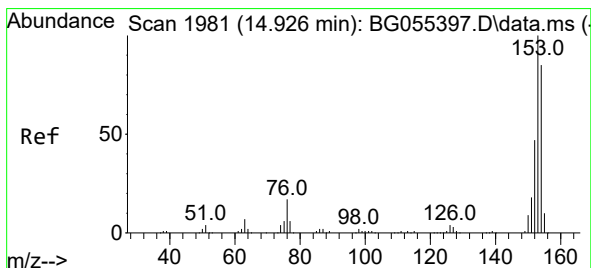
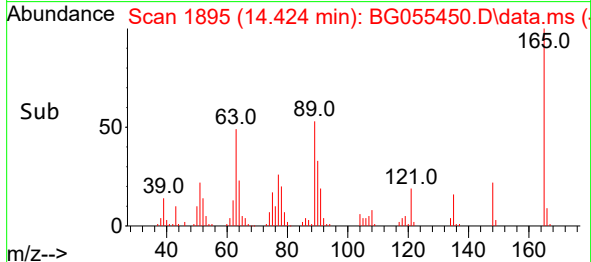
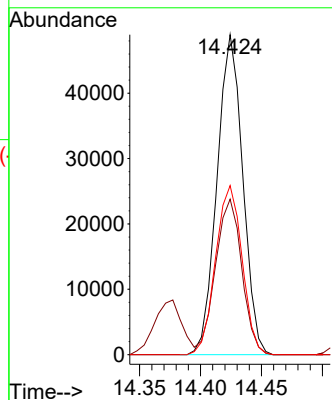
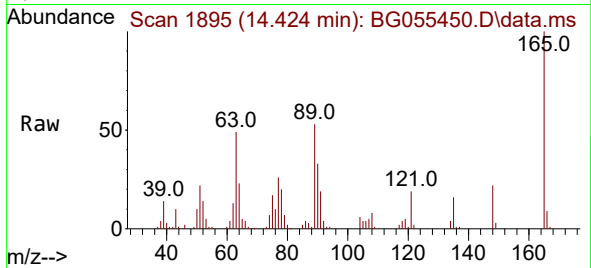




#51  
2,6-Dinitrotoluene  
Concen: 38.690 ng  
RT: 14.424 min Scan# 11  
Delta R.T. 0.002 min  
Lab File: BG055450.D  
Acq: 4 Nov 2022 12:08

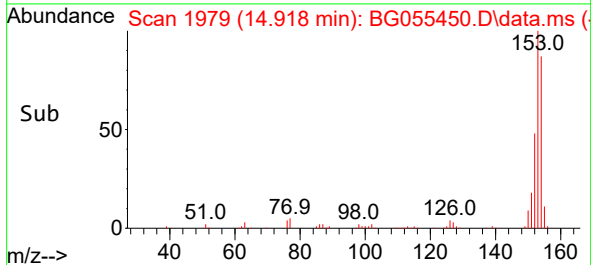
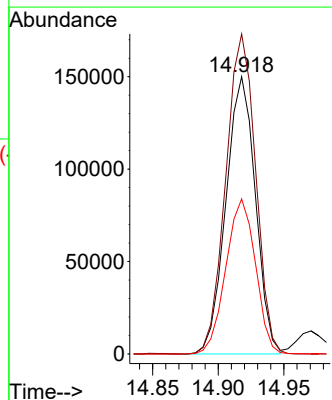
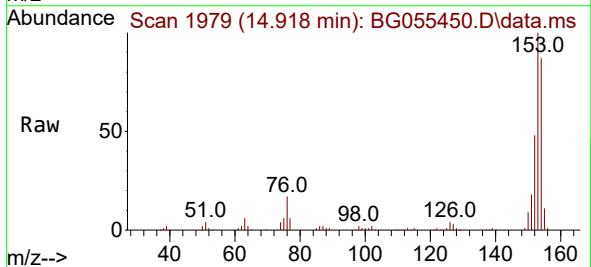
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

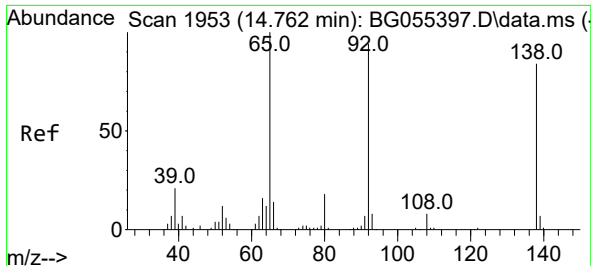
Tgt Ion:165 Resp: 71939  
Ion Ratio Lower Upper  
165 100  
63 48.6 38.2 57.4  
89 52.8 41.8 62.6



#52  
Acenaphthene  
Concen: 38.097 ng  
RT: 14.918 min Scan# 1979  
Delta R.T. 0.002 min  
Lab File: BG055450.D  
Acq: 4 Nov 2022 12:08

Tgt Ion:154 Resp: 234228  
Ion Ratio Lower Upper  
154 100  
153 115.4 94.6 141.8  
152 55.9 44.7 67.1

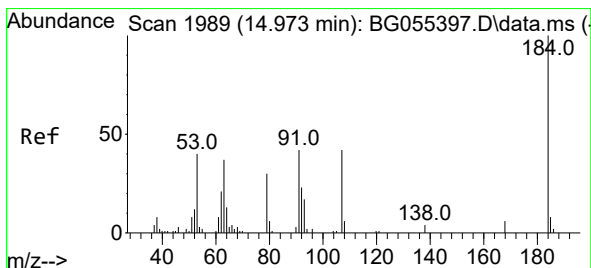
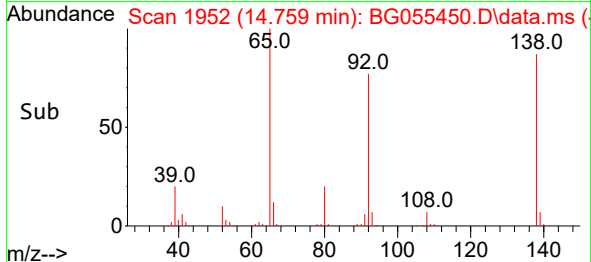
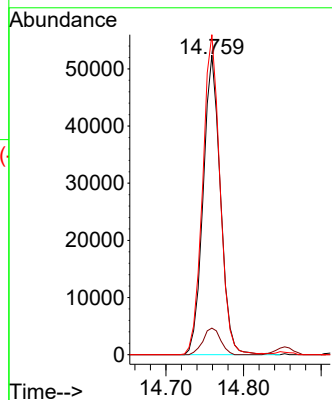
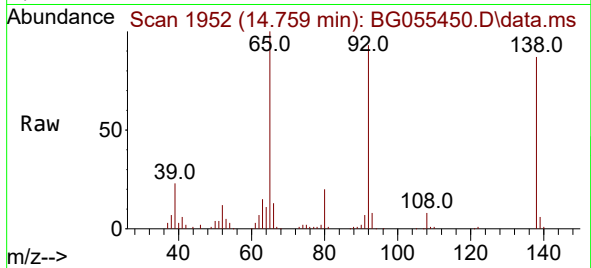




#53  
3-Nitroaniline  
Concen: 38.778 ng  
RT: 14.759 min Scan# 1952  
Delta R.T. 0.002 min  
Lab File: BG055450.D  
Acq: 4 Nov 2022 12:08

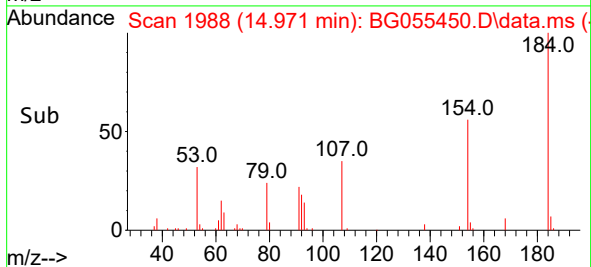
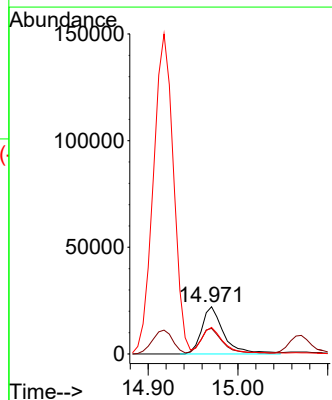
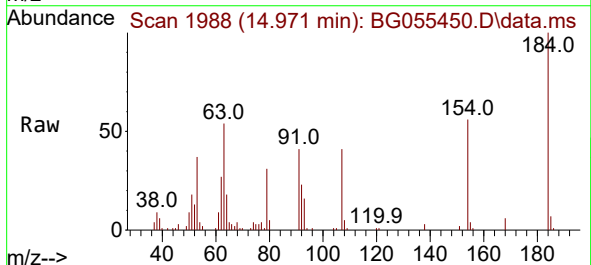
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

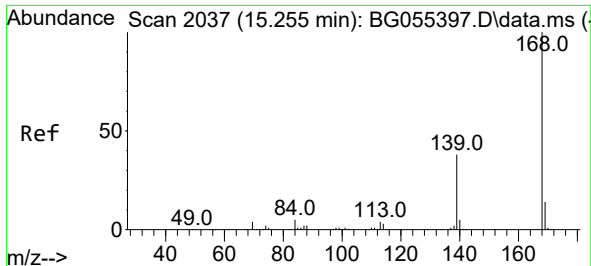
Tgt Ion:138 Resp: 81038  
Ion Ratio Lower Upper  
138 100  
108 8.8 7.4 11.0  
92 106.8 89.1 133.7



#54  
2,4-Dinitrophenol  
Concen: 36.674 ng  
RT: 14.971 min Scan# 1988  
Delta R.T. 0.002 min  
Lab File: BG055450.D  
Acq: 4 Nov 2022 12:08

Tgt Ion:184 Resp: 37860  
Ion Ratio Lower Upper  
184 100  
63 54.1 47.4 71.0  
154 56.3 47.0 70.6

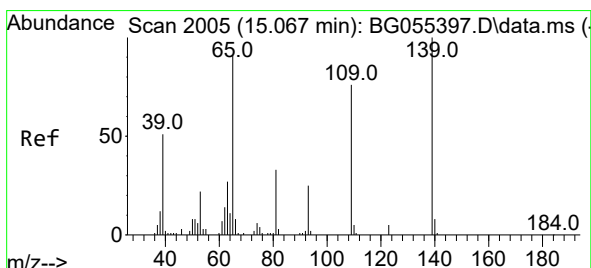
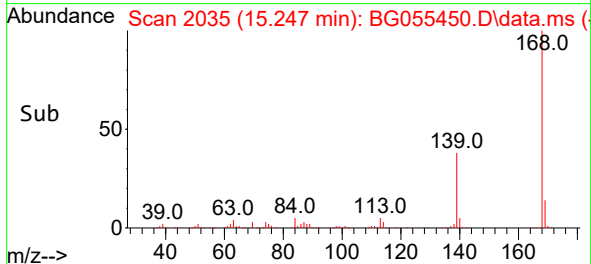
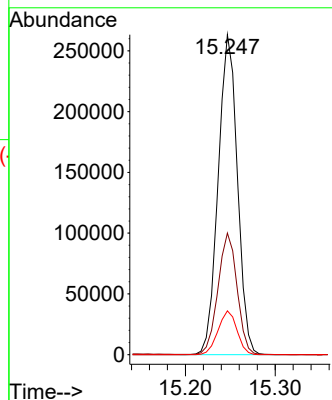
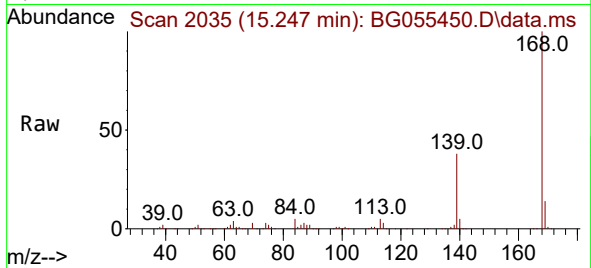




#55  
Dibenzofuran  
Concen: 38.456 ng  
RT: 15.247 min Scan# 2035  
Delta R.T. -0.004 min  
Lab File: BG055450.D  
Acq: 4 Nov 2022 12:08

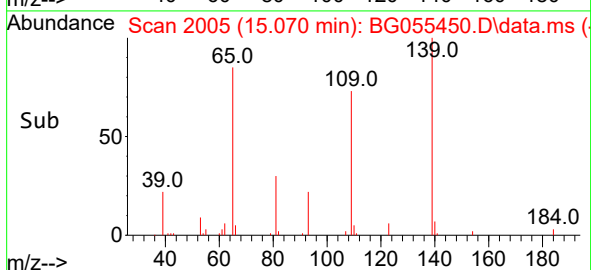
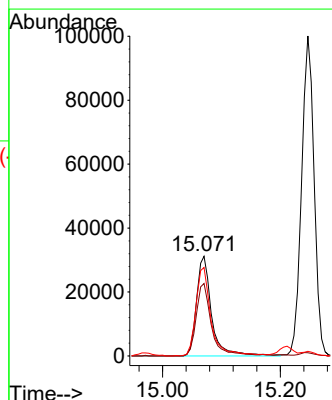
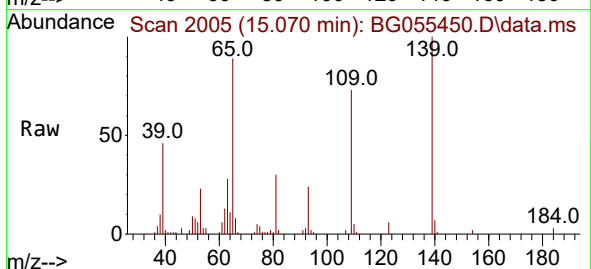
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

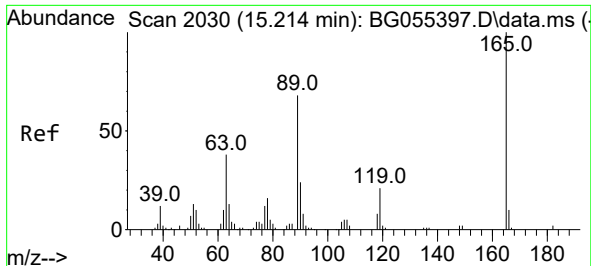
Tgt Ion:168 Resp: 391349  
Ion Ratio Lower Upper  
168 100  
139 38.0 30.3 45.5  
169 13.7 10.8 16.2



#56  
4-Nitrophenol  
Concen: 38.839 ng  
RT: 15.070 min Scan# 2005  
Delta R.T. 0.002 min  
Lab File: BG055450.D  
Acq: 4 Nov 2022 12:08

Tgt Ion:139 Resp: 55653  
Ion Ratio Lower Upper  
139 100  
109 72.7 56.1 96.1  
65 88.8 71.2 111.2





#57

2,4-Dinitrotoluene

Concen: 39.332 ng

RT: 15.212 min Scan# 2030

Delta R.T. 0.002 min

Lab File: BG055450.D

Acq: 4 Nov 2022 12:08

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

Tgt Ion:165 Resp: 104571

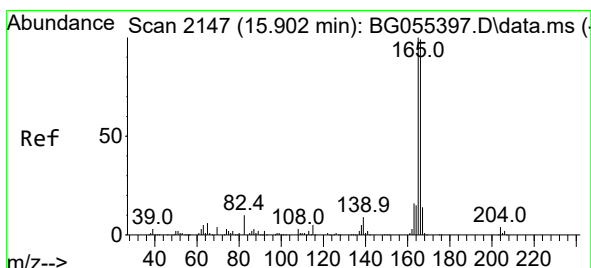
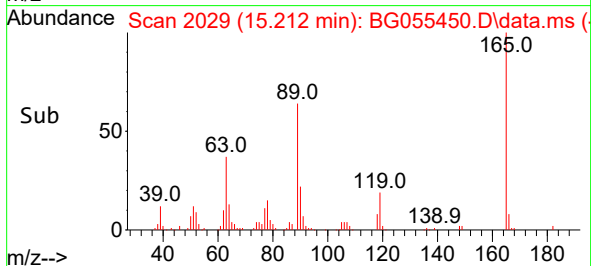
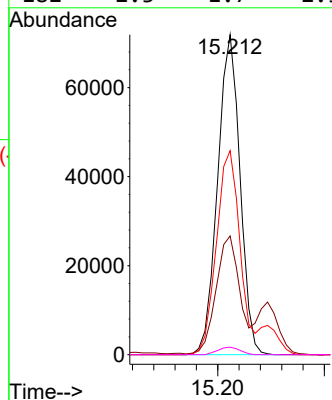
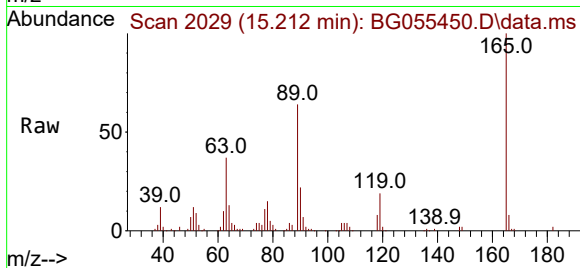
Ion Ratio Lower Upper

165 100

63 37.1 30.8 46.2

89 63.8 54.5 81.7

182 2.3 1.7 2.5



#58

Fluorene

Concen: 38.111 ng

RT: 15.893 min Scan# 2145

Delta R.T. -0.004 min

Lab File: BG055450.D

Acq: 4 Nov 2022 12:08

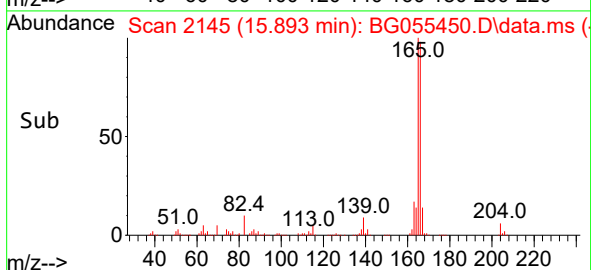
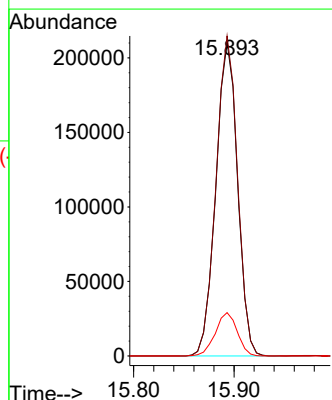
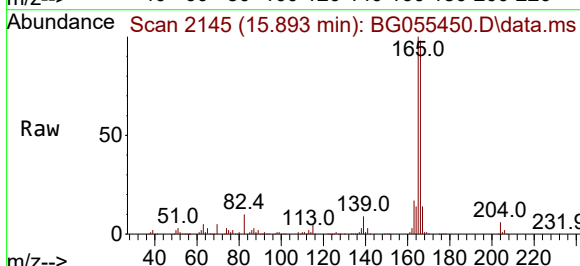
Tgt Ion:166 Resp: 315063

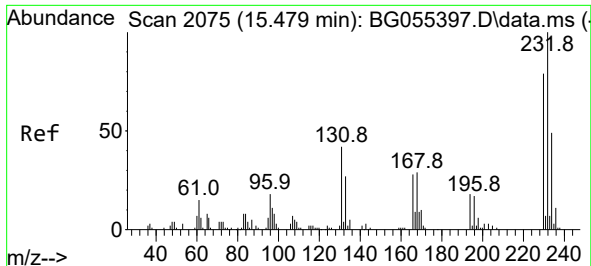
Ion Ratio Lower Upper

166 100

165 102.0 81.0 121.6

167 13.8 11.0 16.6

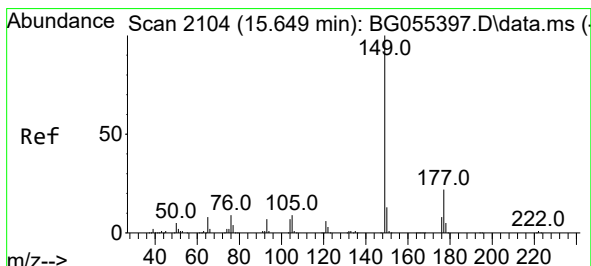
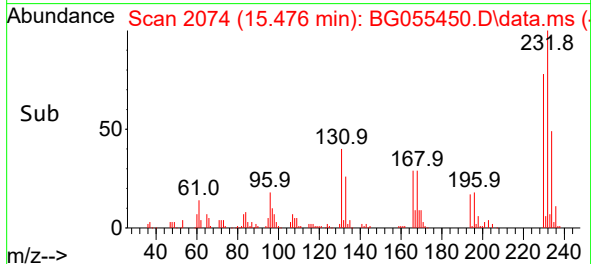
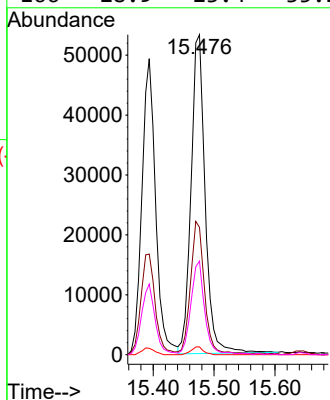
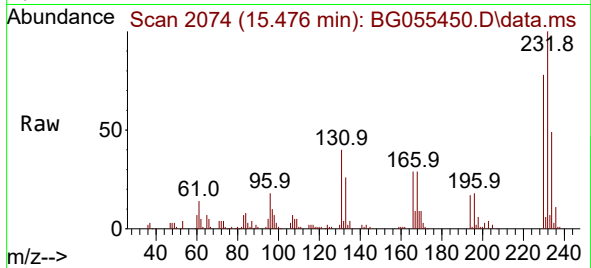




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 38.972 ng  
RT: 15.476 min Scan# 2075  
Delta R.T. 0.002 min  
Lab File: BG055450.D  
Acq: 4 Nov 2022 12:08

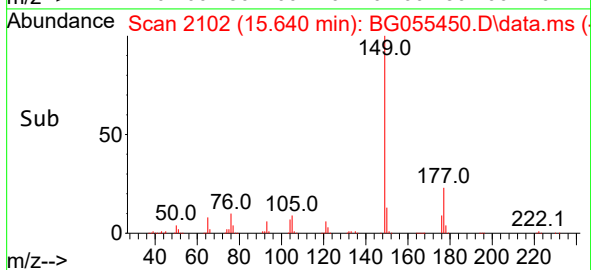
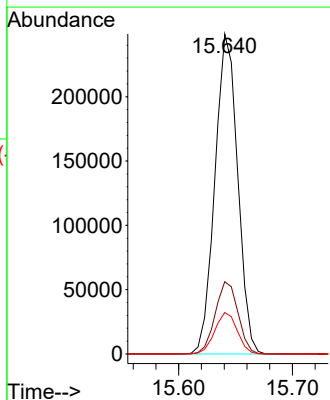
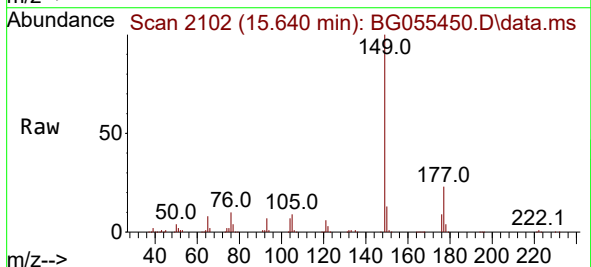
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

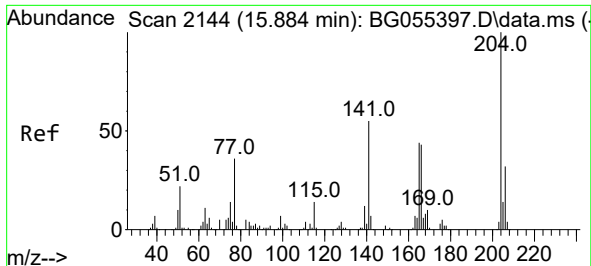
Tgt Ion:232 Resp: 85435  
Ion Ratio Lower Upper  
232 100  
131 40.5 33.1 49.7  
130 2.2 1.6 2.4  
166 28.9 23.4 35.2



#60  
Diethylphthalate  
Concen: 37.503 ng  
RT: 15.640 min Scan# 2102  
Delta R.T. -0.004 min  
Lab File: BG055450.D  
Acq: 4 Nov 2022 12:08

Tgt Ion:149 Resp: 346158  
Ion Ratio Lower Upper  
149 100  
177 22.6 17.7 26.5  
150 12.9 10.0 15.0

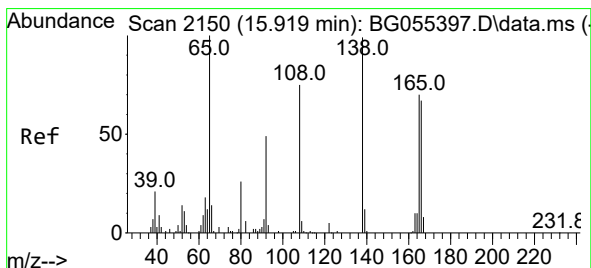
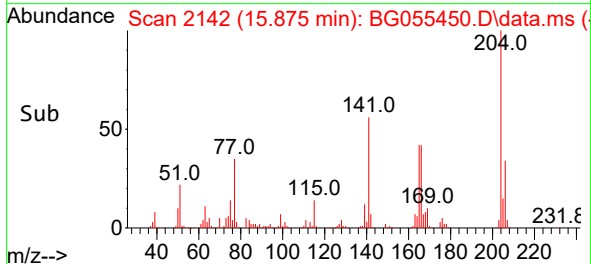
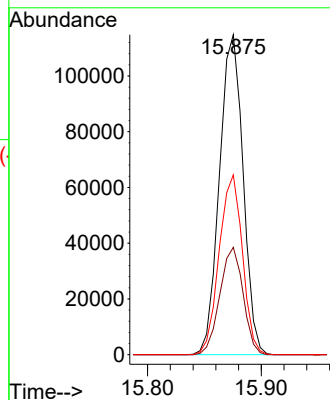
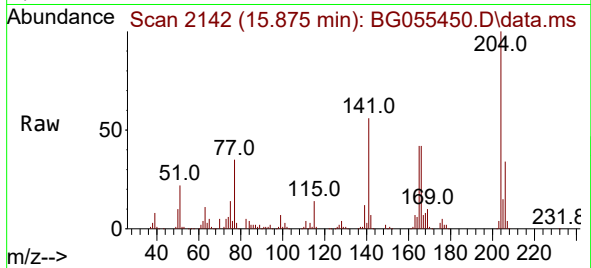




#61  
4-Chlorophenyl-phenylether  
Concen: 38.781 ng  
RT: 15.875 min Scan# 2142  
Delta R.T. 0.002 min  
Lab File: BG055450.D  
Acq: 4 Nov 2022 12:08

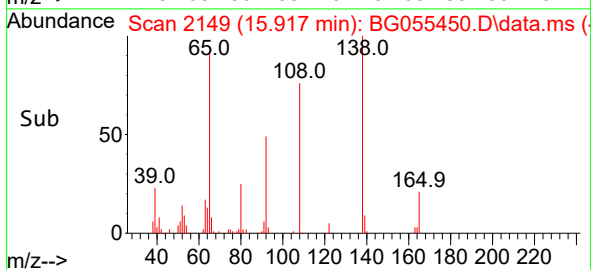
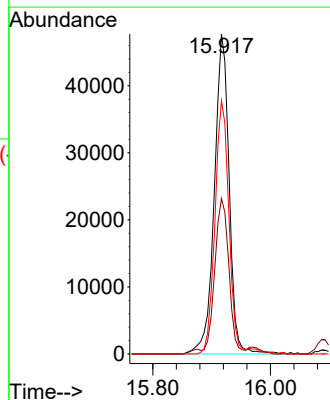
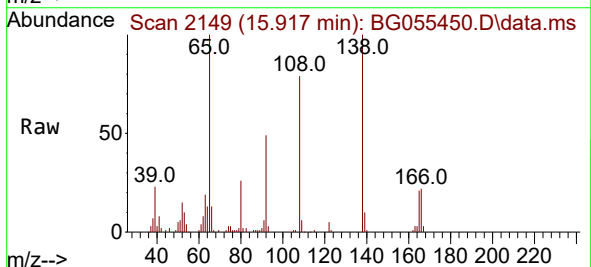
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

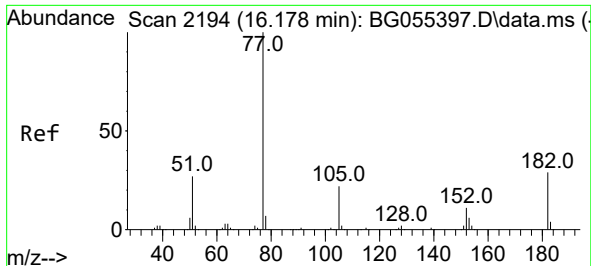
Tgt Ion:204 Resp: 165753  
Ion Ratio Lower Upper  
204 100  
206 33.6 25.8 38.8  
141 56.2 44.0 66.0



#62  
4-Nitroaniline  
Concen: 37.732 ng  
RT: 15.917 min Scan# 2149  
Delta R.T. -0.004 min  
Lab File: BG055450.D  
Acq: 4 Nov 2022 12:08

Tgt Ion:138 Resp: 83427  
Ion Ratio Lower Upper  
138 100  
92 48.6 29.2 69.2  
108 79.2 55.9 95.9

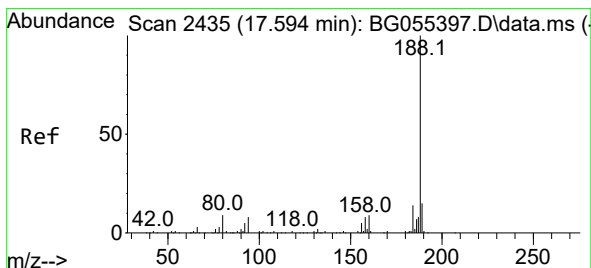
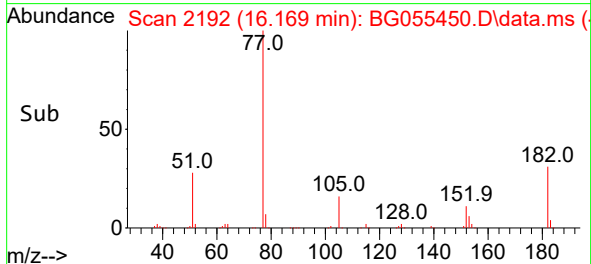
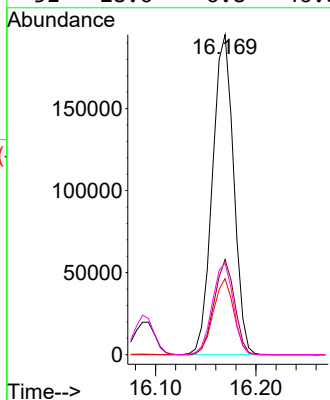
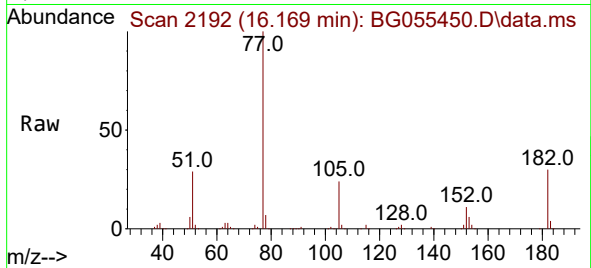




#63  
Azobenzene  
Concen: 37.227 ng  
RT: 16.169 min Scan# 2194  
Delta R.T. 0.002 min  
Lab File: BG055450.D  
Acq: 4 Nov 2022 12:08

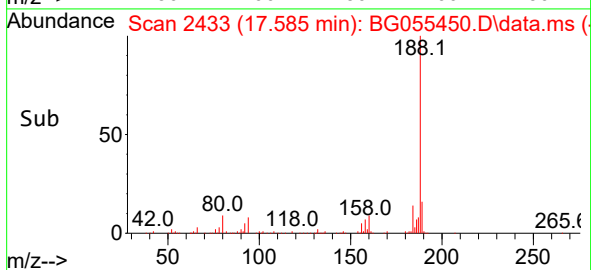
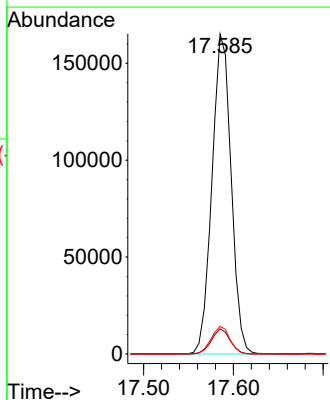
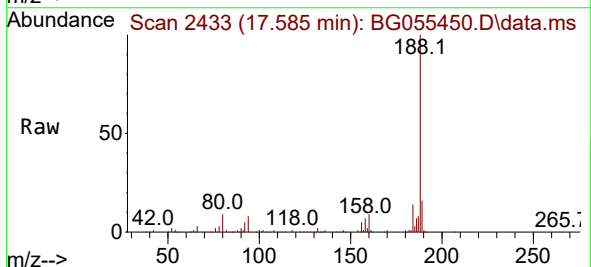
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

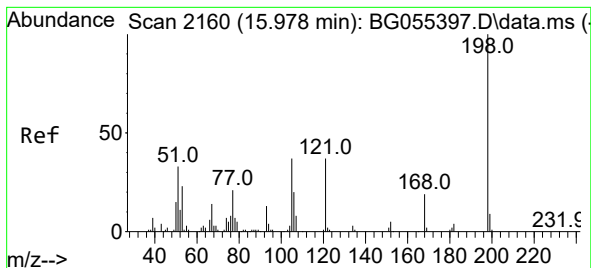
Tgt Ion: 77 Resp: 285624  
Ion Ratio Lower Upper  
77 100  
182 29.8 9.0 49.0  
105 23.7 2.2 42.2  
51 28.6 6.8 46.8



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.585 min Scan# 2433  
Delta R.T. -0.004 min  
Lab File: BG055450.D  
Acq: 4 Nov 2022 12:08

Tgt Ion:188 Resp: 243998  
Ion Ratio Lower Upper  
188 100  
94 7.9 6.5 9.7  
80 8.6 7.4 11.0

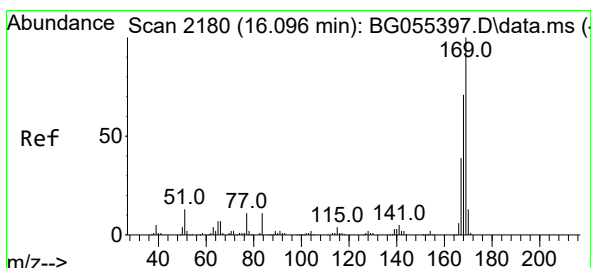
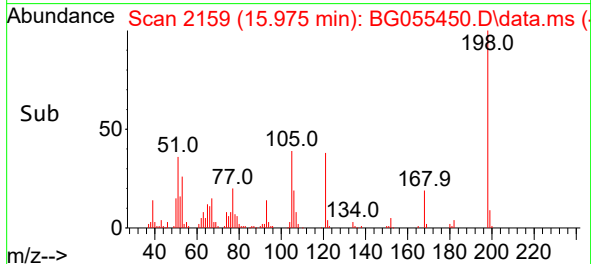
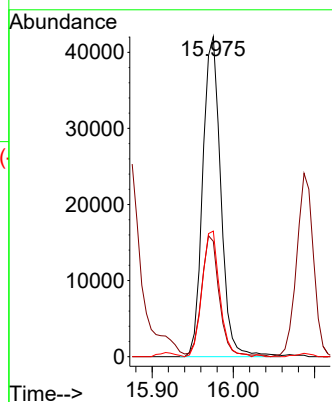
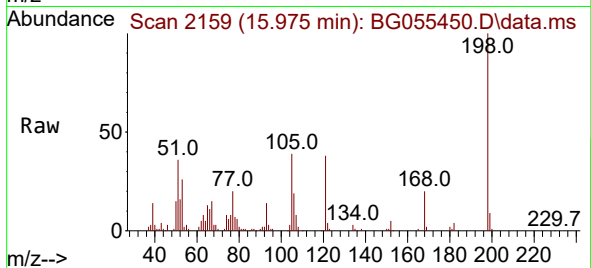




#65  
4,6-Dinitro-2-methylphenol  
Concen: 41.282 ng  
RT: 15.975 min Scan# 2160  
Delta R.T. 0.002 min  
Lab File: BG055450.D  
Acq: 4 Nov 2022 12:08

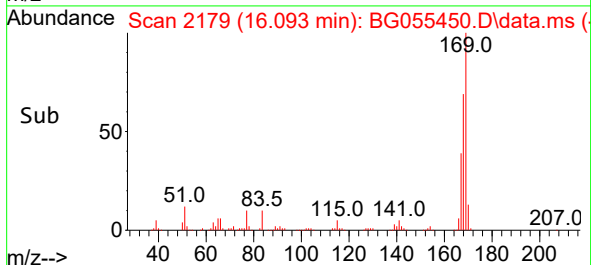
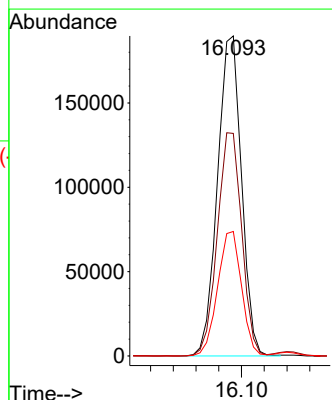
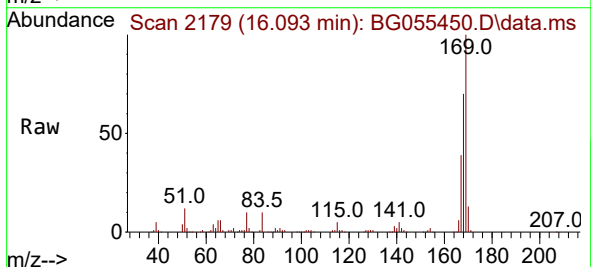
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

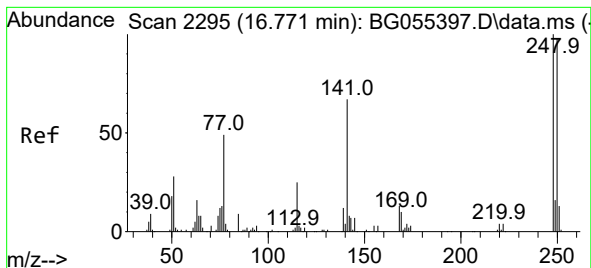
Tgt Ion:198 Resp: 64882  
Ion Ratio Lower Upper  
198 100  
51 36.0 14.8 54.8  
105 39.2 17.6 57.6



#66  
n-Nitrosodiphenylamine  
Concen: 38.350 ng  
RT: 16.093 min Scan# 2179  
Delta R.T. 0.002 min  
Lab File: BG055450.D  
Acq: 4 Nov 2022 12:08

Tgt Ion:169 Resp: 278202  
Ion Ratio Lower Upper  
169 100  
168 69.6 57.0 85.4  
167 38.9 31.0 46.6

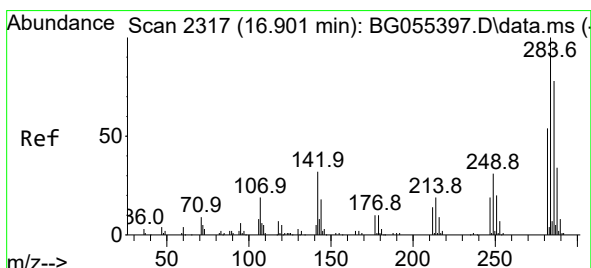
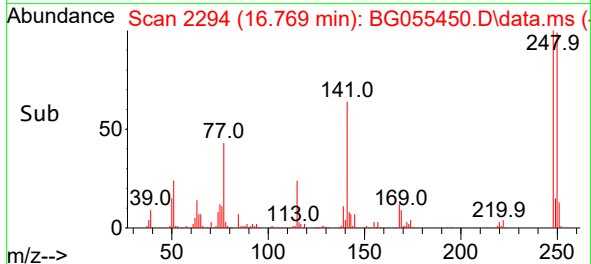
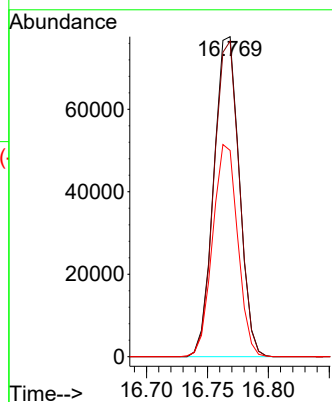
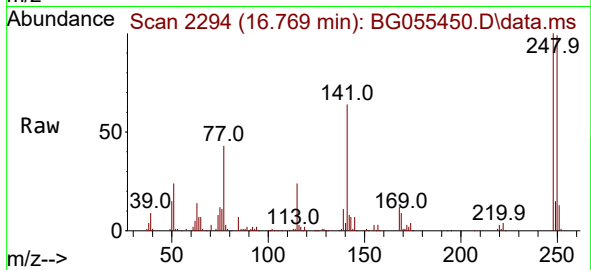




#67  
4-Bromophenyl-phenylether  
Concen: 39.148 ng  
RT: 16.769 min Scan# 2115  
Delta R.T. 0.002 min  
Lab File: BG055450.D  
Acq: 4 Nov 2022 12:08

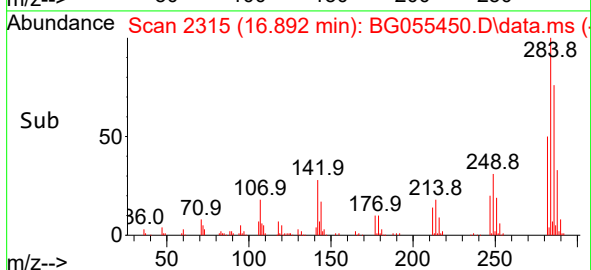
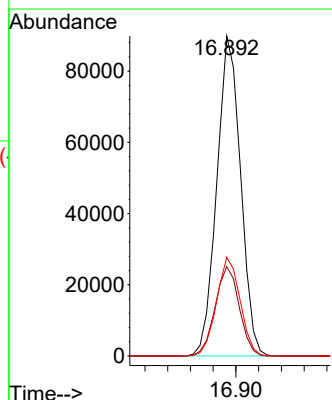
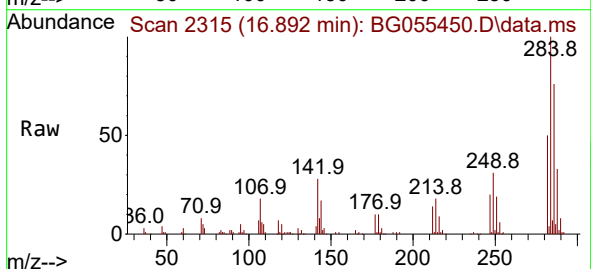
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

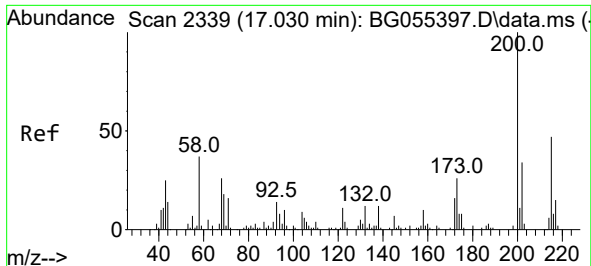
Tgt Ion:248 Resp: 112914  
Ion Ratio Lower Upper  
248 100  
250 98.6 78.3 117.5  
141 64.5 53.7 80.5



#68  
Hexachlorobenzene  
Concen: 39.654 ng  
RT: 16.892 min Scan# 2315  
Delta R.T. -0.004 min  
Lab File: BG055450.D  
Acq: 4 Nov 2022 12:08

Tgt Ion:284 Resp: 130429  
Ion Ratio Lower Upper  
284 100  
142 27.9 25.4 38.2  
249 30.9 24.9 37.3

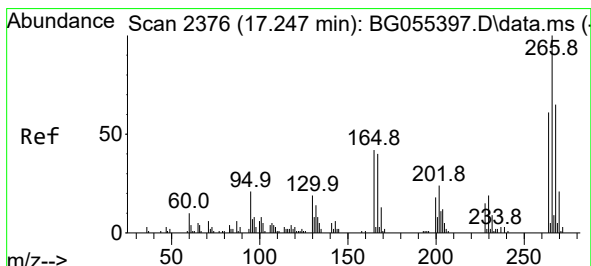
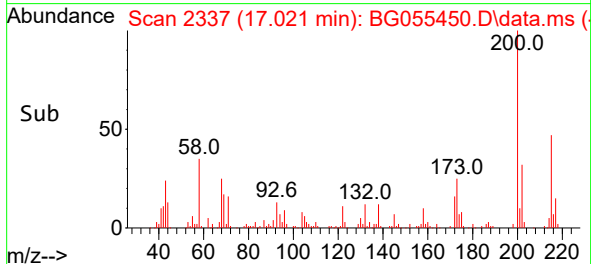
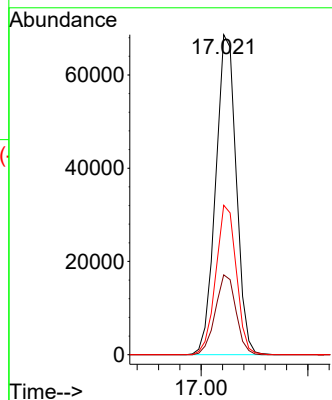
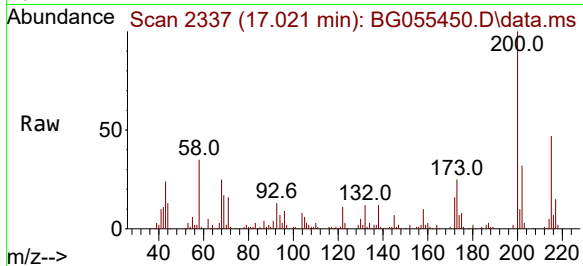




#69  
 Atrazine  
 Concen: 37.690 ng  
 RT: 17.021 min Scan# 21  
 Delta R.T. -0.004 min  
 Lab File: BG055450.D  
 Acq: 4 Nov 2022 12:08

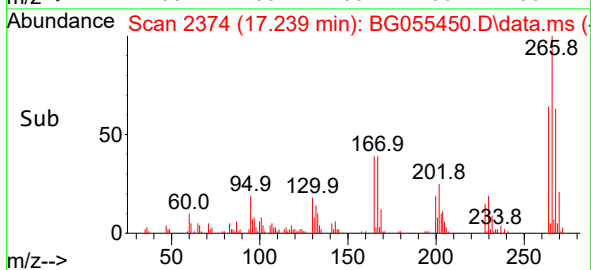
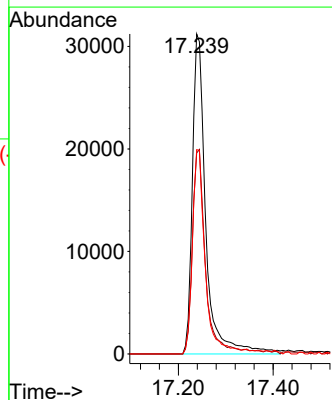
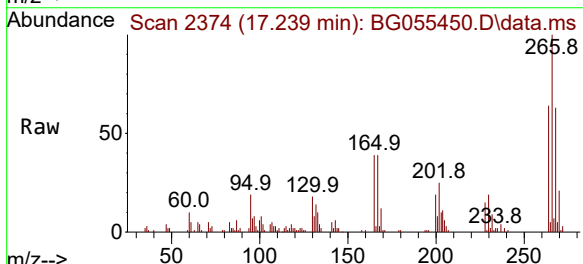
Instrument :  
 BNA\_G  
 ClientSampleId :  
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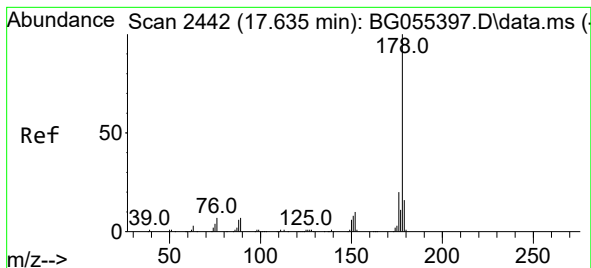
Tgt Ion:200 Resp: 91791  
 Ion Ratio Lower Upper  
 200 100  
 173 25.0 5.8 45.8  
 215 46.7 27.4 67.4



#70  
 Pentachlorophenol  
 Concen: 38.430 ng  
 RT: 17.239 min Scan# 2374  
 Delta R.T. -0.004 min  
 Lab File: BG055450.D  
 Acq: 4 Nov 2022 12:08

Tgt Ion:266 Resp: 61581  
 Ion Ratio Lower Upper  
 266 100  
 268 62.8 52.2 78.4  
 264 63.8 49.2 73.8





#71

Phenanthrene

Concen: 38.473 ng

RT: 17.632 min Scan# 2442

Delta R.T. 0.002 min

Lab File: BG055450.D

Acq: 4 Nov 2022 12:08

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

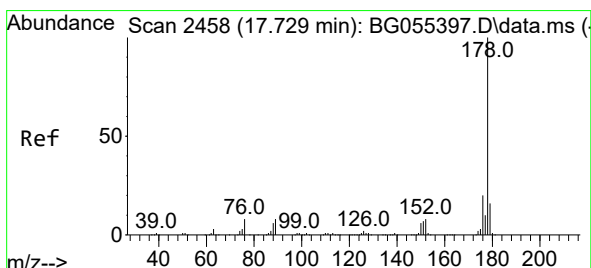
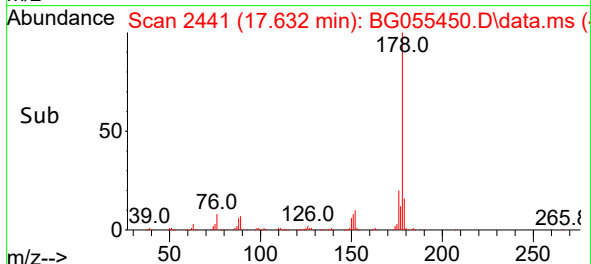
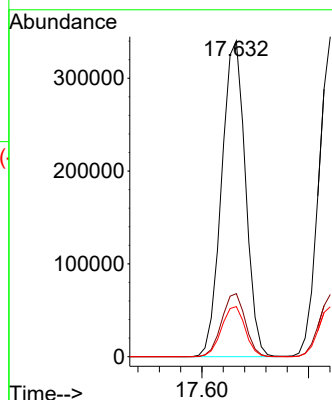
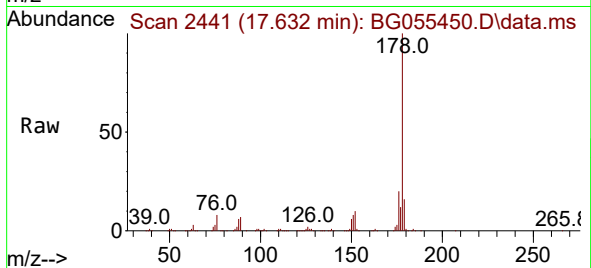
Tgt Ion:178 Resp: 528024

Ion Ratio Lower Upper

178 100

176 20.0 15.8 23.8

179 15.8 12.7 19.1



#72

Anthracene

Concen: 38.181 ng

RT: 17.720 min Scan# 2456

Delta R.T. -0.004 min

Lab File: BG055450.D

Acq: 4 Nov 2022 12:08

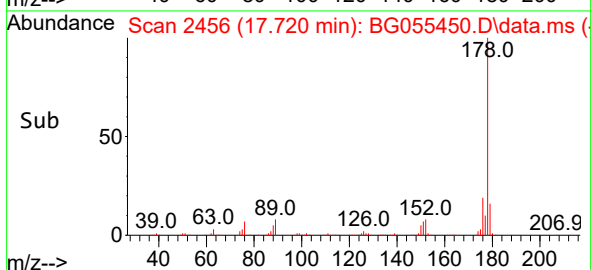
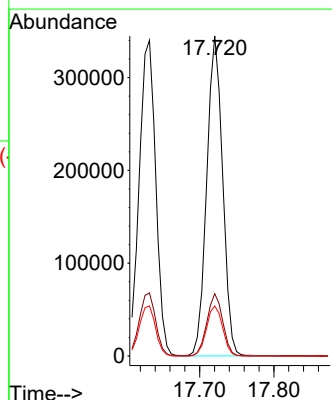
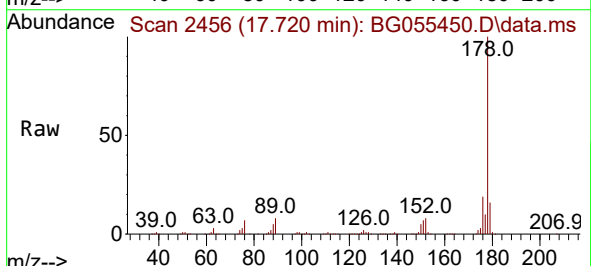
Tgt Ion:178 Resp: 513636

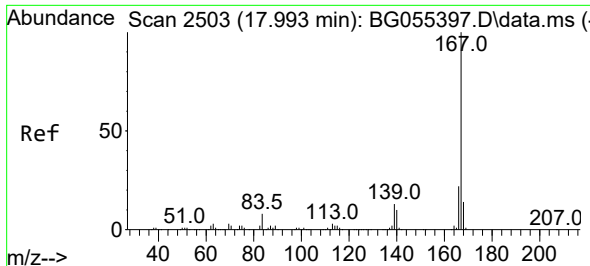
Ion Ratio Lower Upper

178 100

176 19.5 15.7 23.5

179 15.6 13.0 19.6

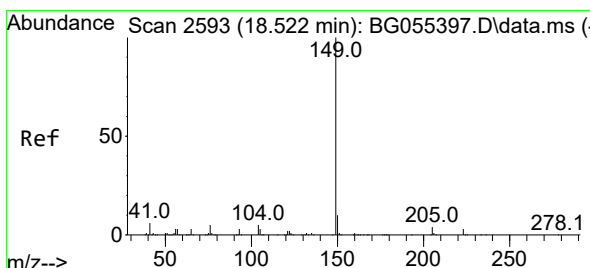
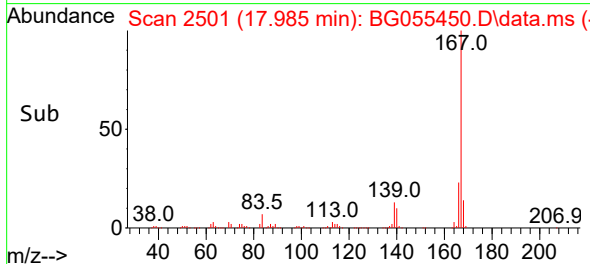
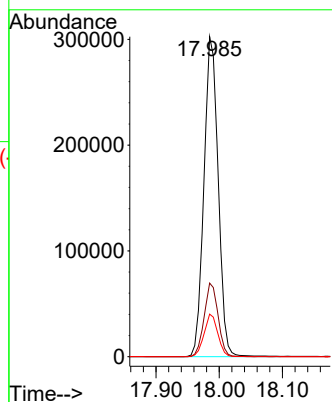
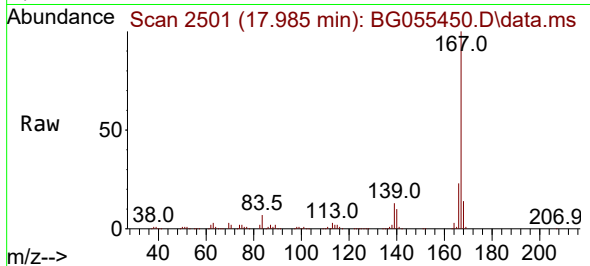




#73  
 Carbazole  
 Concen: 37.781 ng  
 RT: 17.985 min Scan# 2501  
 Delta R.T. -0.004 min  
 Lab File: BG055450.D  
 Acq: 4 Nov 2022 12:08

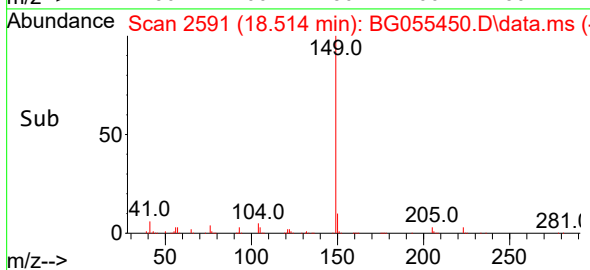
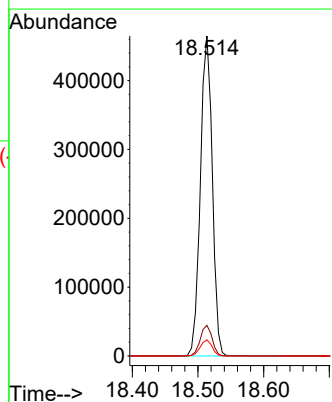
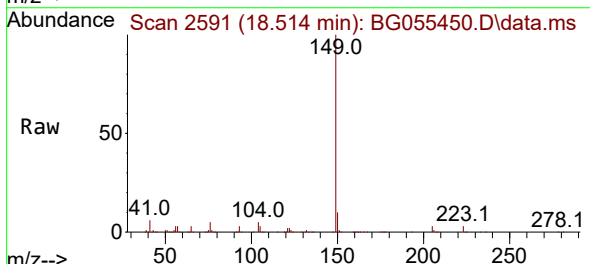
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 ClientSampleId :  
 SSTDCCC040

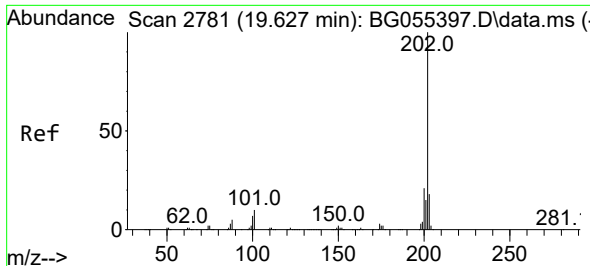
Tgt Ion:167 Resp: 472869  
 Ion Ratio Lower Upper  
 167 100  
 166 23.0 17.9 26.9  
 139 13.3 10.4 15.6



#74  
 Di-n-butylphthalate  
 Concen: 37.652 ng  
 RT: 18.514 min Scan# 2591  
 Delta R.T. -0.004 min  
 Lab File: BG055450.D  
 Acq: 4 Nov 2022 12:08

Tgt Ion:149 Resp: 588568  
 Ion Ratio Lower Upper  
 149 100  
 150 9.6 7.6 11.4  
 104 5.1 3.9 5.9

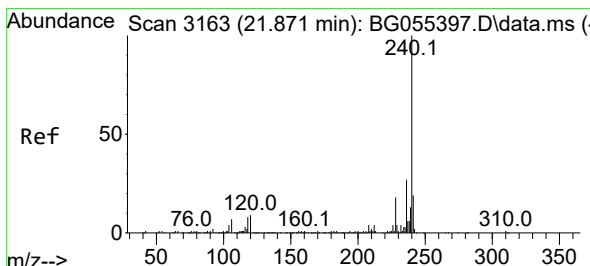
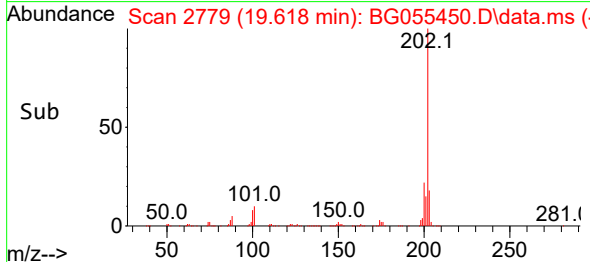
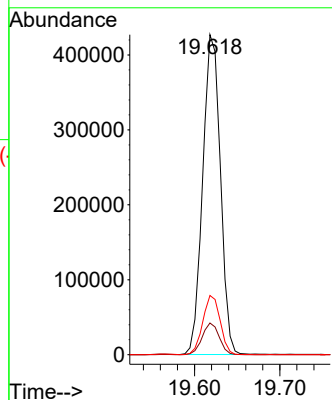
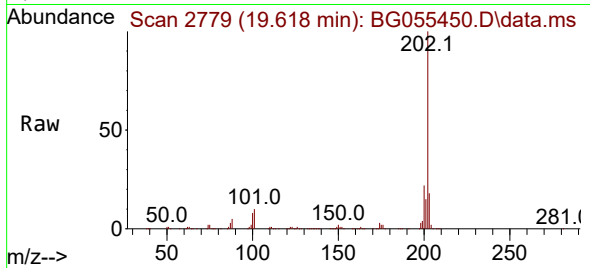




#75  
Fluoranthene  
Concen: 37.301 ng  
RT: 19.618 min Scan# 21  
Delta R.T. -0.004 min  
Lab File: BG055450.D  
Acq: 4 Nov 2022 12:08

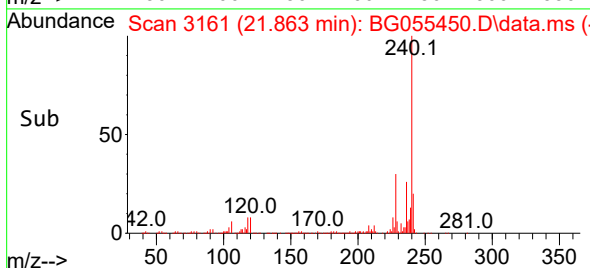
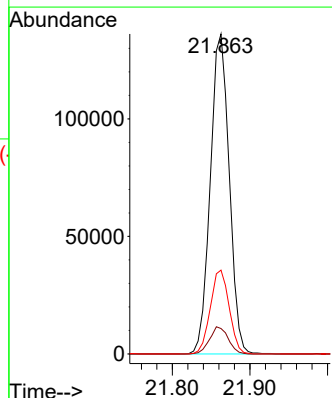
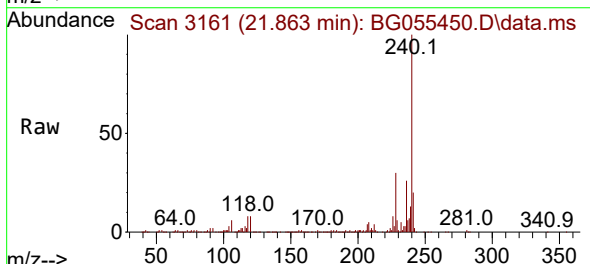
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

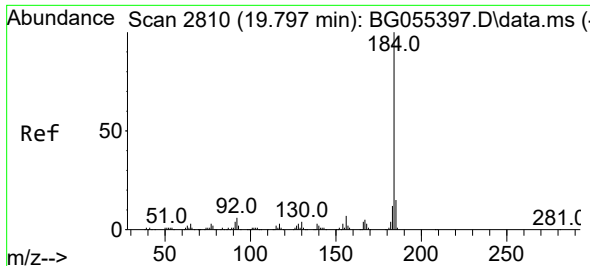
Tgt Ion:202 Resp: 615797  
Ion Ratio Lower Upper  
202 100  
101 9.9 0.0 29.8  
203 18.5 0.0 38.1



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.863 min Scan# 3161  
Delta R.T. 0.002 min  
Lab File: BG055450.D  
Acq: 4 Nov 2022 12:08

Tgt Ion:240 Resp: 230495  
Ion Ratio Lower Upper  
240 100  
120 7.9 6.9 10.3  
236 26.2 21.5 32.3

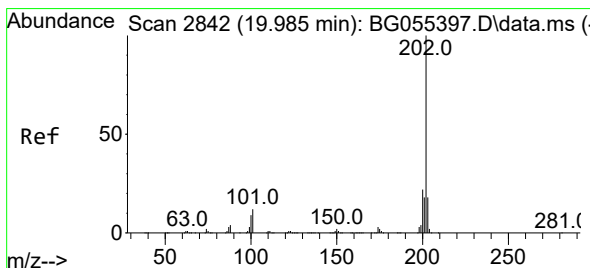
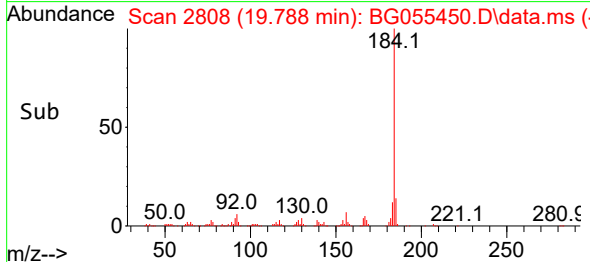
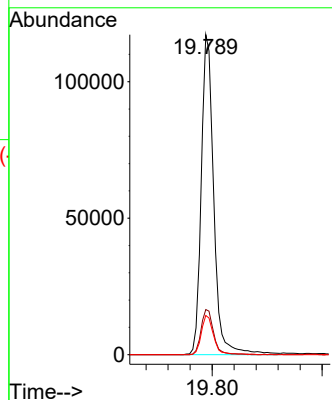
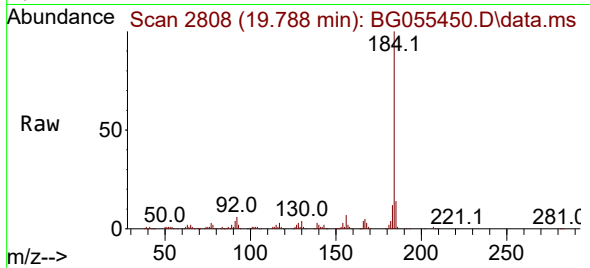




#77  
Benzidine  
Concen: 38.647 ng  
RT: 19.788 min Scan# 2810  
Delta R.T. -0.004 min  
Lab File: BG055450.D  
Acq: 4 Nov 2022 12:08

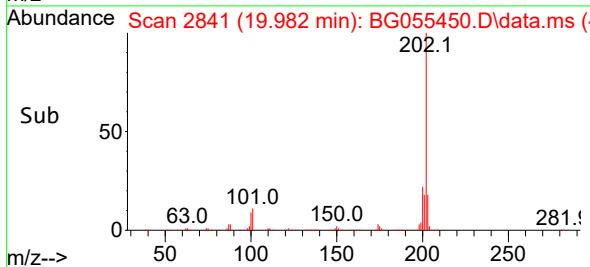
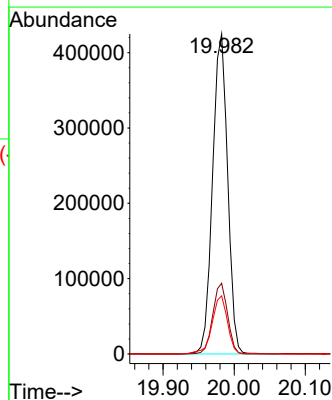
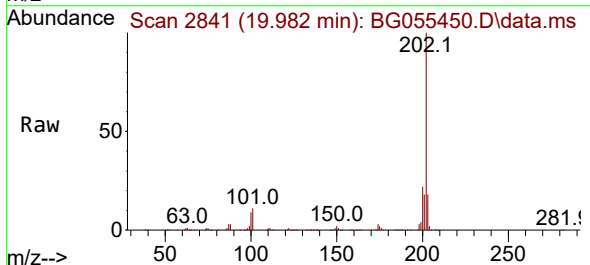
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

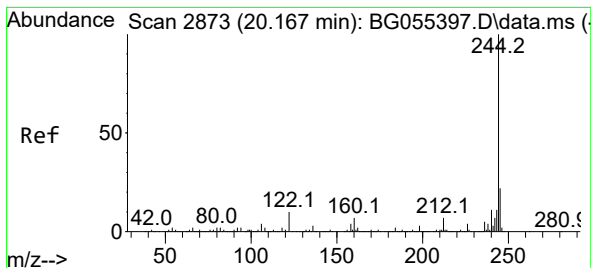
Tgt Ion:184 Resp: 185456  
Ion Ratio Lower Upper  
184 100  
185 14.1 11.7 17.5  
183 12.3 9.8 14.8



#78  
Pyrene  
Concen: 38.379 ng  
RT: 19.982 min Scan# 2841  
Delta R.T. 0.002 min  
Lab File: BG055450.D  
Acq: 4 Nov 2022 12:08

Tgt Ion:202 Resp: 624057  
Ion Ratio Lower Upper  
202 100  
200 22.1 17.4 26.2  
203 18.1 14.7 22.1





#79

Terphenyl-d14

Concen: 75.179 ng

RT: 20.159 min Scan# 21

Delta R.T. -0.004 min

Lab File: BG055450.D

Acq: 4 Nov 2022 12:08

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

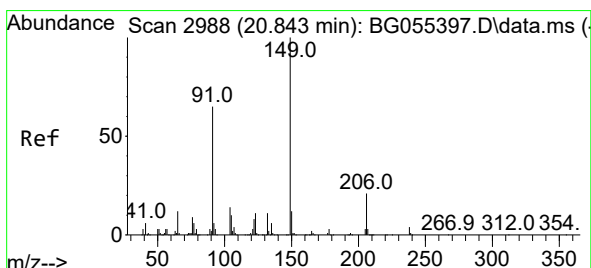
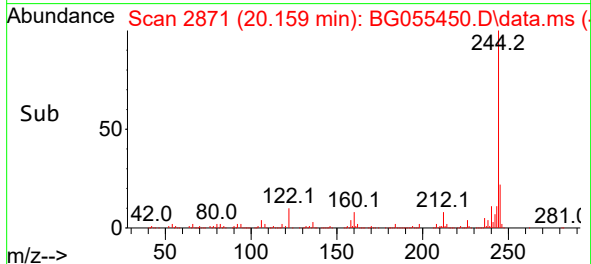
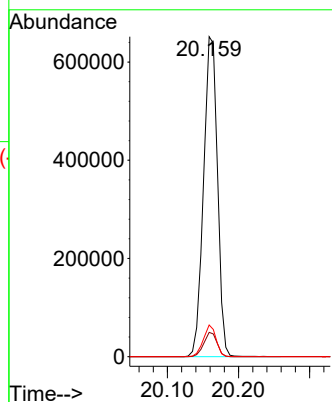
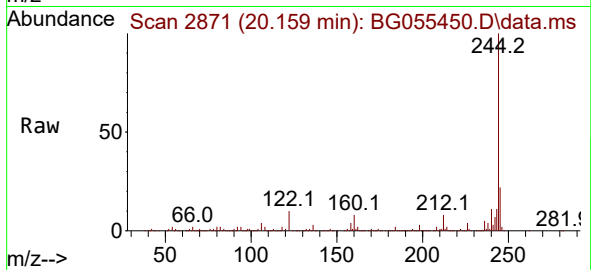
Tgt Ion:244 Resp: 891132

Ion Ratio Lower Upper

244 100

212 7.6 5.8 8.8

122 9.9 7.8 11.6



#80

Butylbenzylphthalate

Concen: 38.463 ng

RT: 20.834 min Scan# 2986

Delta R.T. 0.002 min

Lab File: BG055450.D

Acq: 4 Nov 2022 12:08

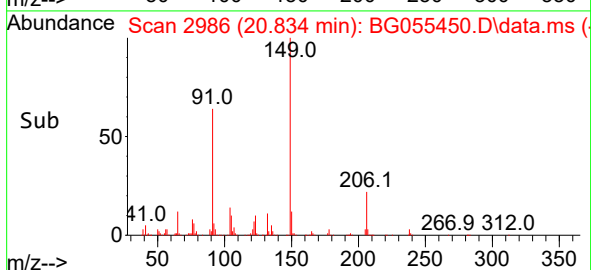
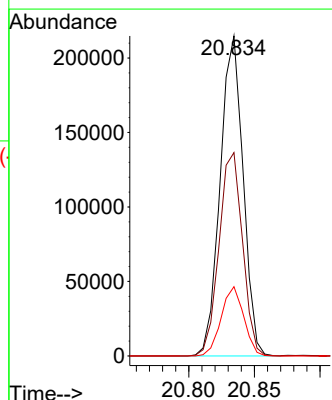
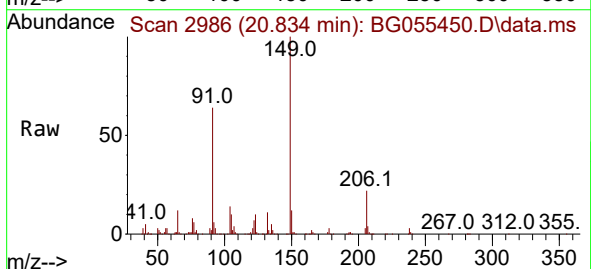
Tgt Ion:149 Resp: 260755

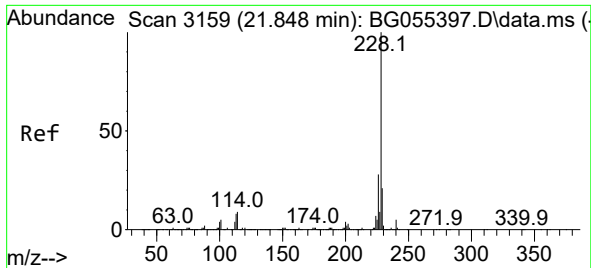
Ion Ratio Lower Upper

149 100

91 63.5 52.4 78.6

206 21.7 17.2 25.8

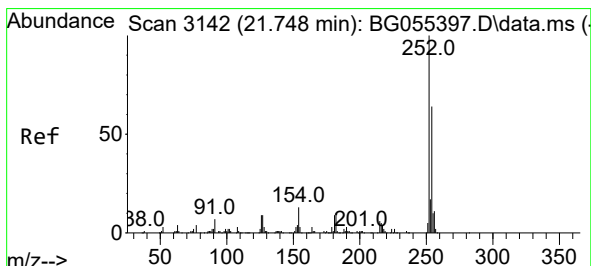
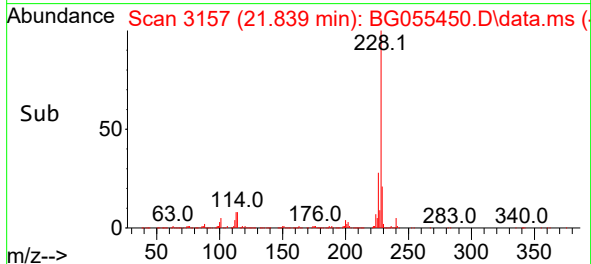
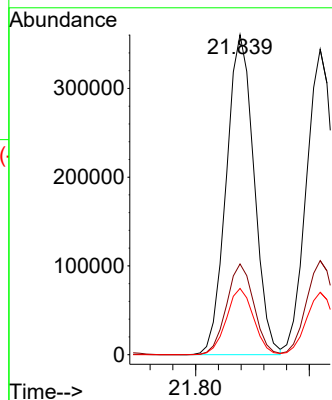
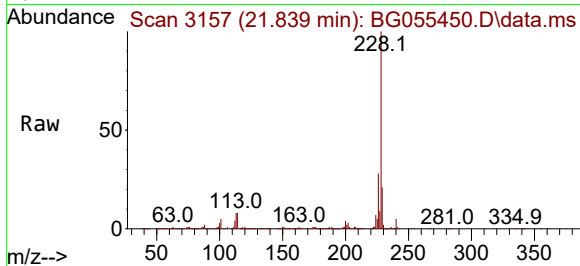




#81  
Benzo(a)anthracene  
Concen: 38.609 ng  
RT: 21.839 min Scan# 3159  
Delta R.T. -0.004 min  
Lab File: BG055450.D  
Acq: 4 Nov 2022 12:08

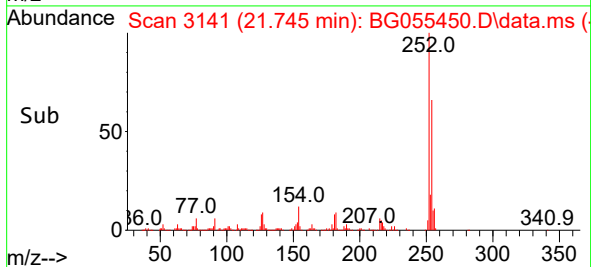
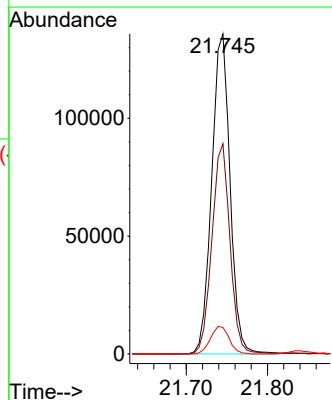
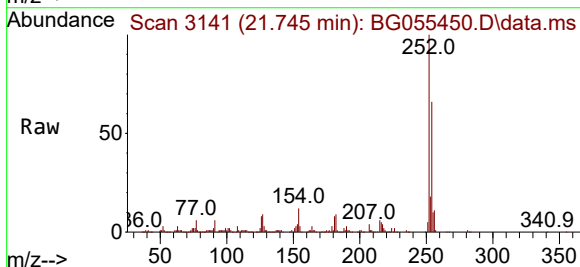
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

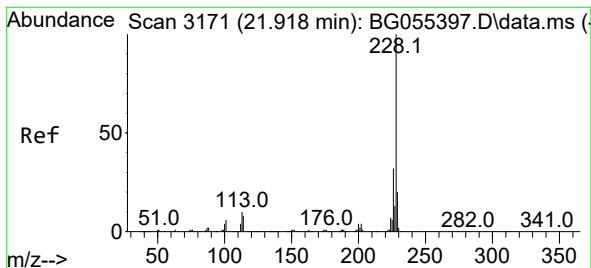
Tgt Ion:228 Resp: 610892  
Ion Ratio Lower Upper  
228 100  
226 28.3 22.6 33.8  
229 20.7 16.5 24.7



#82  
3,3'-Dichlorobenzidine  
Concen: 39.255 ng  
RT: 21.745 min Scan# 3141  
Delta R.T. 0.002 min  
Lab File: BG055450.D  
Acq: 4 Nov 2022 12:08

Tgt Ion:252 Resp: 212996  
Ion Ratio Lower Upper  
252 100  
254 65.7 51.0 76.6  
126 8.3 7.3 10.9





#83

Chrysene

Concen: 38.409 ng

RT: 21.910 min Scan# 3171

Delta R.T. 0.002 min

Lab File: BG055450.D

Acq: 4 Nov 2022 12:08

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

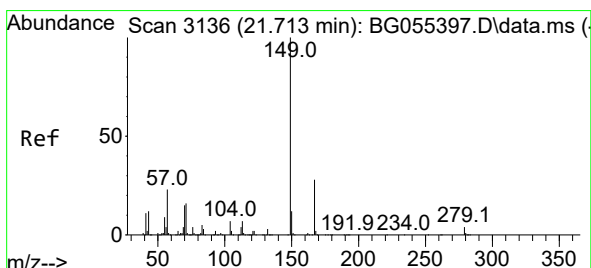
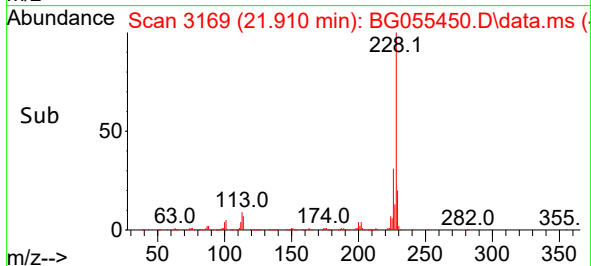
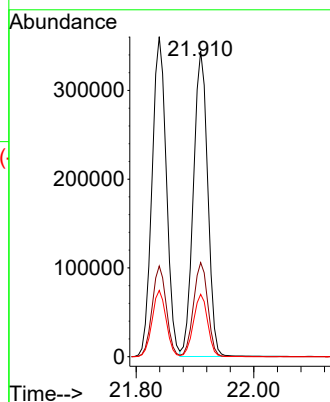
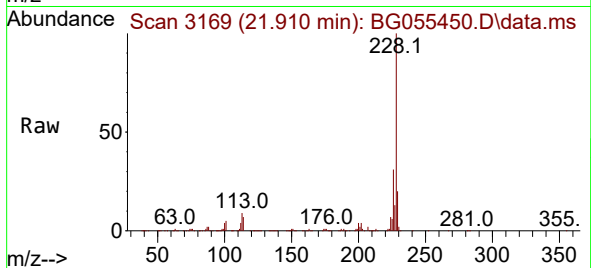
Tgt Ion:228 Resp: 579789

Ion Ratio Lower Upper

228 100

226 30.8 25.2 37.8

229 20.4 16.2 24.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 38.101 ng

RT: 21.698 min Scan# 3133

Delta R.T. -0.004 min

Lab File: BG055450.D

Acq: 4 Nov 2022 12:08

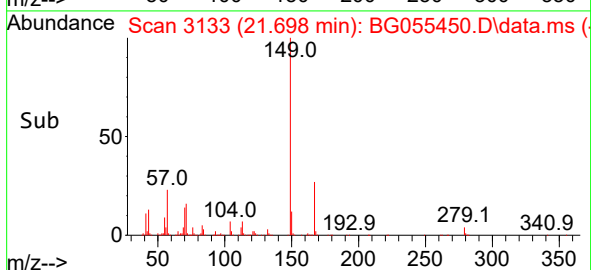
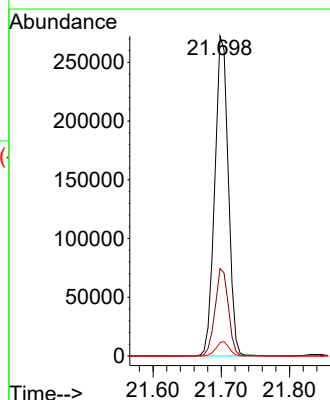
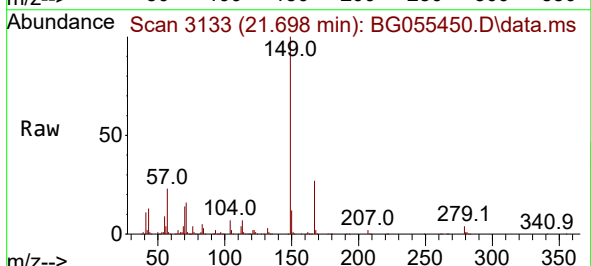
Tgt Ion:149 Resp: 375469

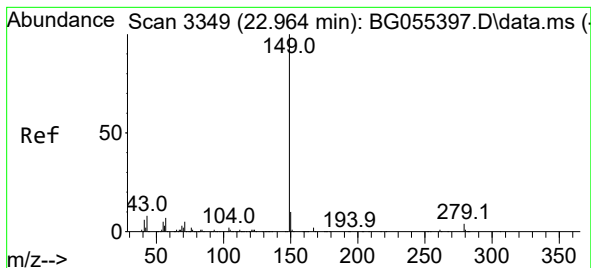
Ion Ratio Lower Upper

149 100

167 27.3 22.0 33.0

279 4.2 3.4 5.2





#85

Di-n-octyl phthalate

Concen: 38.124 ng

RT: 22.950 min Scan# 31

Delta R.T. -0.004 min

Lab File: BG055450.D

Acq: 4 Nov 2022 12:08

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

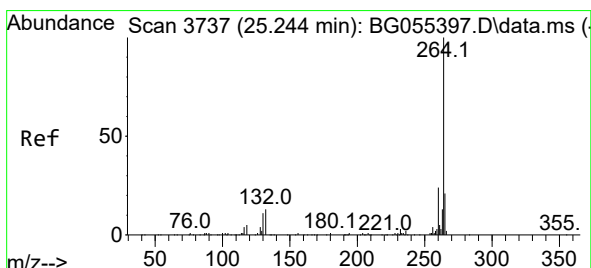
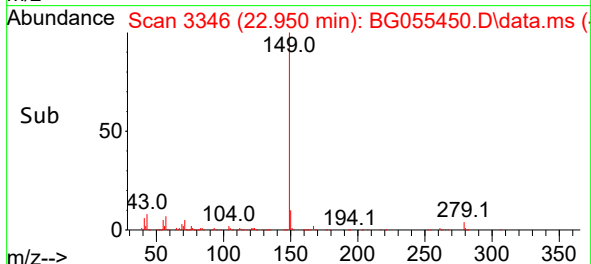
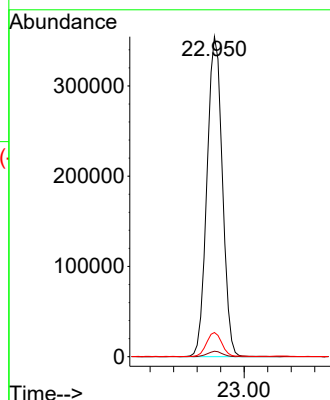
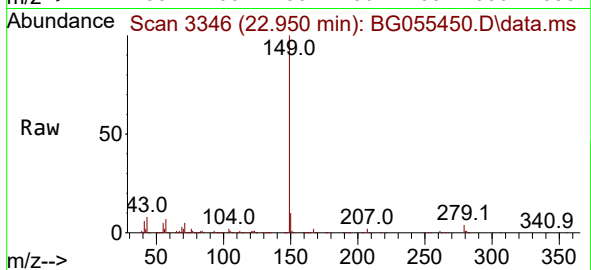
Tgt Ion:149 Resp: 643706

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 7.5 6.3 9.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.235 min Scan# 3735

Delta R.T. 0.002 min

Lab File: BG055450.D

Acq: 4 Nov 2022 12:08

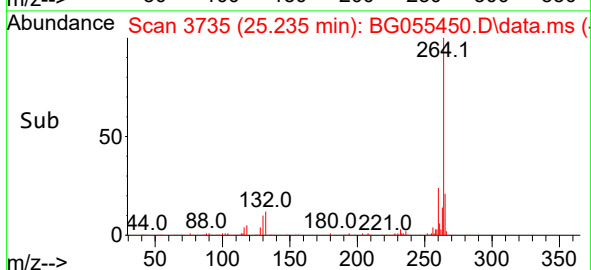
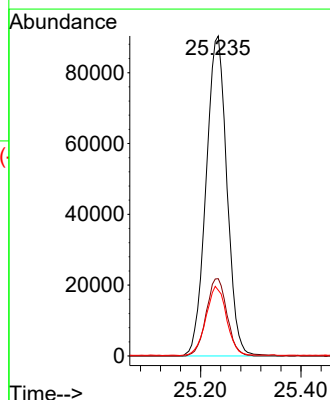
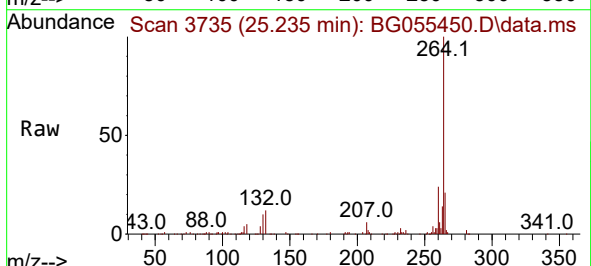
Tgt Ion:264 Resp: 259753

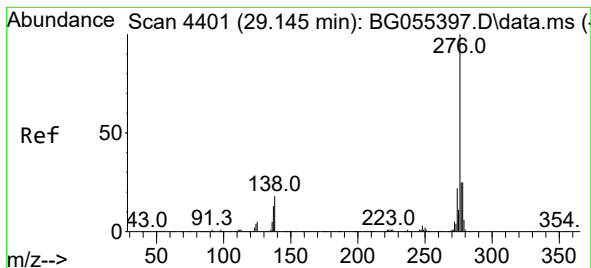
Ion Ratio Lower Upper

264 100

260 24.2 18.9 28.3

265 20.5 17.1 25.7





#87

Indeno(1,2,3-cd)pyrene

Concen: 37.598 ng

RT: 29.119 min Scan# 41

Delta R.T. 0.002 min

Lab File: BG055450.D

Acq: 4 Nov 2022 12:08

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

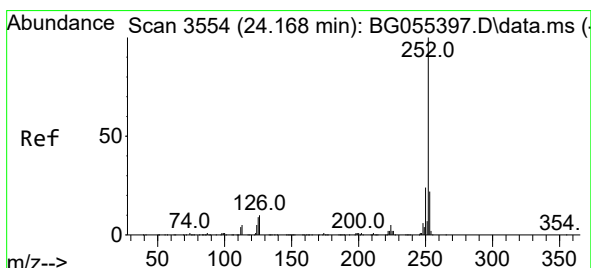
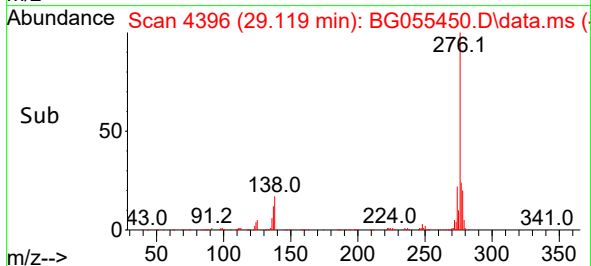
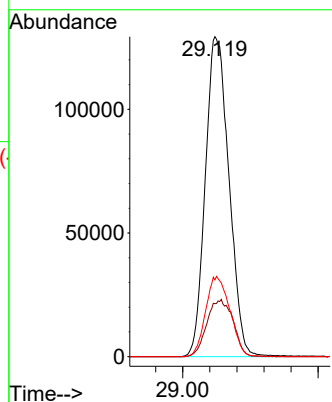
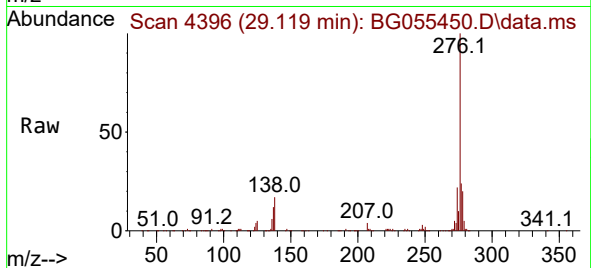
Tgt Ion:276 Resp: 784111

Ion Ratio Lower Upper

276 100

138 0.0 16.2 24.2#

277 25.7 20.5 30.7



#88

Benzo(b)fluoranthene

Concen: 38.072 ng

RT: 24.154 min Scan# 3551

Delta R.T. -0.004 min

Lab File: BG055450.D

Acq: 4 Nov 2022 12:08

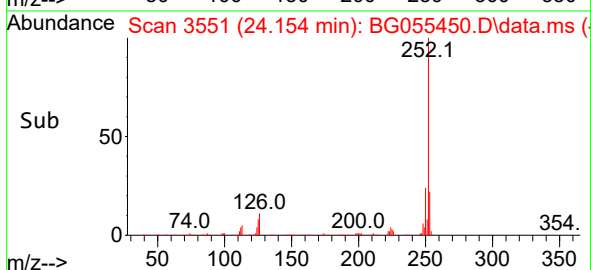
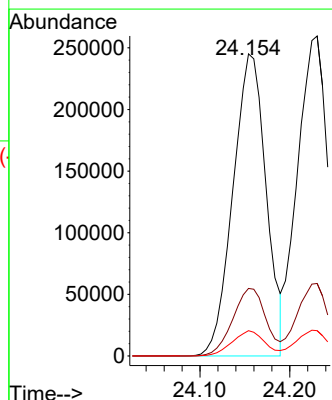
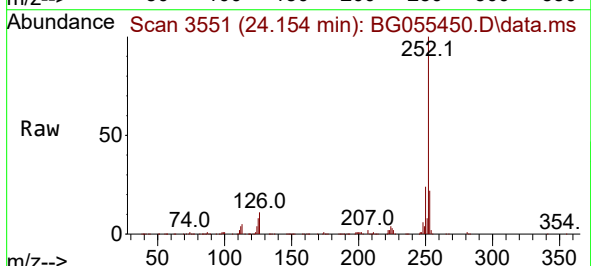
Tgt Ion:252 Resp: 628168

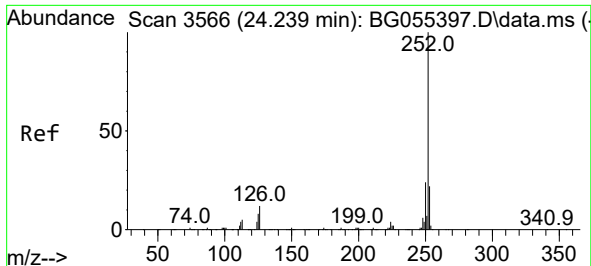
Ion Ratio Lower Upper

252 100

253 22.4 17.8 26.8

125 8.4 6.8 10.2





#89

Benzo(k)fluoranthene

Concen: 37.866 ng

RT: 24.230 min Scan# 31

Delta R.T. 0.002 min

Lab File: BG055450.D

Acq: 4 Nov 2022 12:08

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

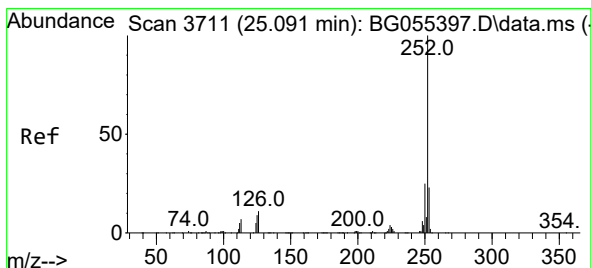
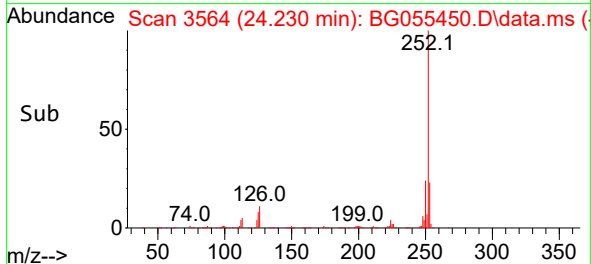
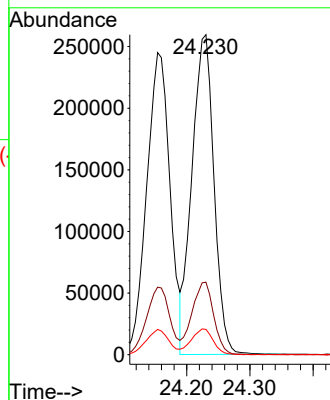
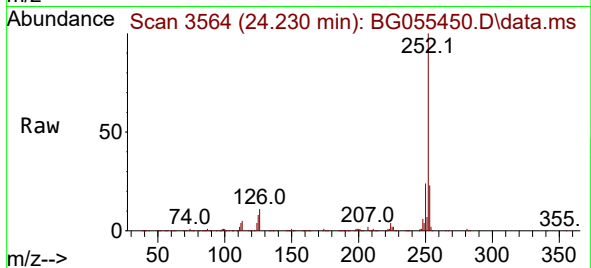
Tgt Ion:252 Resp: 627844

Ion Ratio Lower Upper

252 100

253 22.7 17.9 26.9

125 7.9 6.9 10.3



#90

Benzo(a)pyrene

Concen: 38.017 ng

RT: 25.076 min Scan# 3708

Delta R.T. 0.002 min

Lab File: BG055450.D

Acq: 4 Nov 2022 12:08

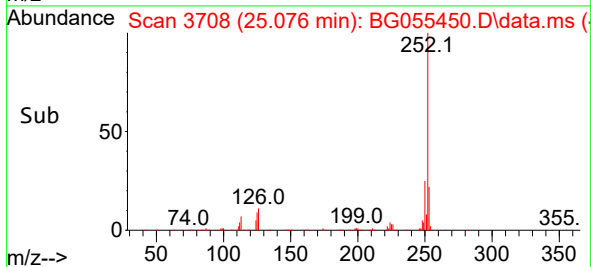
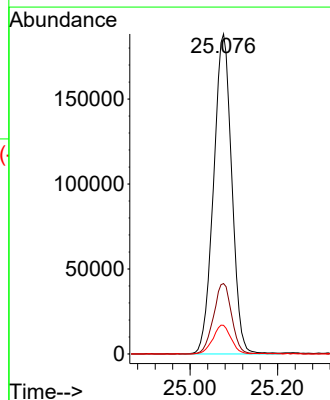
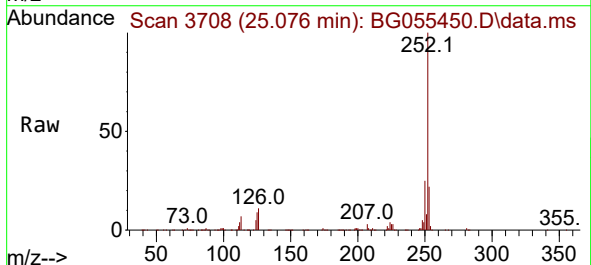
Tgt Ion:252 Resp: 542373

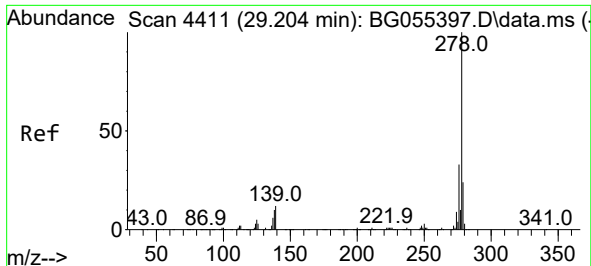
Ion Ratio Lower Upper

252 100

253 22.0 18.2 27.2

125 9.0 7.1 10.7

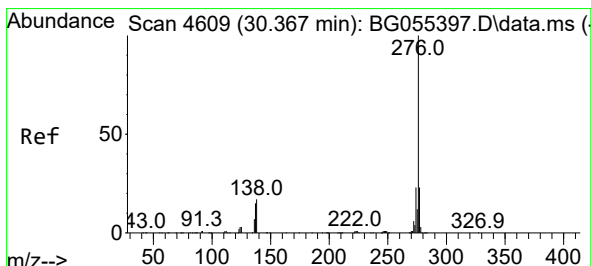
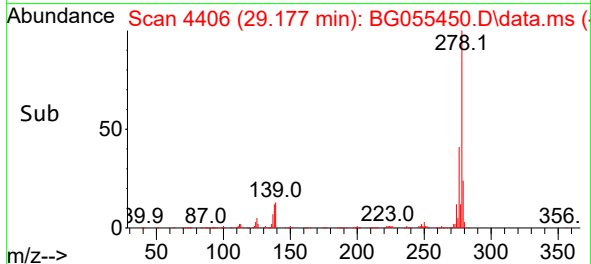
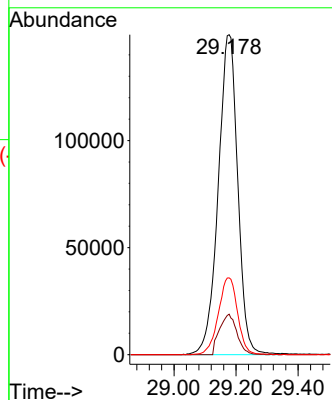
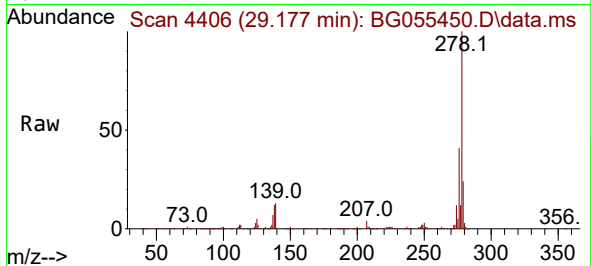




#91  
Dibenzo(a,h)anthracene  
Concen: 37.890 ng  
RT: 29.177 min Scan# 4411  
Delta R.T. 0.002 min  
Lab File: BG055450.D  
Acq: 4 Nov 2022 12:08

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

Tgt Ion:278 Resp: 651941  
Ion Ratio Lower Upper  
278 100  
139 12.7 9.9 14.9  
279 24.0 19.0 28.4



#92  
Benzo(g,h,i)perylene  
Concen: 37.589 ng  
RT: 30.347 min Scan# 4605  
Delta R.T. -0.004 min  
Lab File: BG055450.D  
Acq: 4 Nov 2022 12:08

Tgt Ion:276 Resp: 643237  
Ion Ratio Lower Upper  
276 100  
277 24.2 18.6 28.0  
138 16.7 13.4 20.0

