

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG120622\  
 Data File : BG055900.D  
 Acq On : 6 Dec 2022 12:10  
 Operator : CG/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

Quant Time: Dec 07 05:08:58 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG111622.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Dec 07 05:04:10 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.162  | 152  | 28128    | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.994 | 136  | 127748   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.801 | 164  | 96945    | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.545 | 188  | 222585   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 21.828 | 240  | 198207   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 25.177 | 264  | 209747   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.694  | 112  | 113799   | 73.128 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.322  | 99   | 167788   | 80.998 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.343  | 82   | 190453   | 78.799 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.288 | 330  | 97795    | 71.639 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.421 | 172  | 483612   | 74.734 | ng    | 0.00     |
| 79) Terphenyl-d14             | 20.130 | 244  | 764337   | 77.130 | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.497  | 88   | 22893    | 34.424 | ng    | 96       |
| 3) Pyridine                   | 3.920  | 79   | 78277    | 38.368 | ng    | 92       |
| 4) n-Nitrosodimethylamine     | 3.832  | 42   | 45318    | 41.956 | ng    | 92       |
| 6) Aniline                    | 7.481  | 93   | 107141   | 41.178 | ng    | 97       |
| 8) 2-Chlorophenol             | 7.727  | 128  | 70019    | 39.359 | ng    | 97       |
| 9) Benzaldehyde               | 7.293  | 77   | 49406    | 35.119 | ng    | 98       |
| 10) Phenol                    | 7.351  | 94   | 94495    | 40.740 | ng    | 98       |
| 11) bis(2-Chloroethyl)ether   | 7.575  | 93   | 68867    | 38.743 | ng    | 96       |
| 12) 1,3-Dichlorobenzene       | 8.050  | 146  | 79066    | 37.802 | ng    | 98       |
| 13) 1,4-Dichlorobenzene       | 8.203  | 146  | 80361    | 38.022 | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 8.526  | 146  | 78026    | 38.525 | ng    | 97       |
| 15) Benzyl Alcohol            | 8.403  | 79   | 74124    | 44.029 | ng    | 97       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.691  | 45   | 139466   | 43.342 | ng    | 98       |
| 17) 2-Methylphenol            | 8.614  | 107  | 70026    | 42.524 | ng    | 99       |
| 18) Hexachloroethane          | 9.255  | 117  | 28635    | 39.364 | ng    | 96       |
| 19) n-Nitroso-di-n-propyla... | 8.973  | 70   | 69887    | 43.909 | ng    | 94       |
| 20) 3+4-Methylphenols         | 8.944  | 107  | 97742    | 42.490 | ng    | 97       |
| 22) Acetophenone              | 8.996  | 105  | 127809   | 38.502 | ng    | # 96     |
| 24) Nitrobenzene              | 9.384  | 77   | 98814    | 39.141 | ng    | 97       |
| 25) Isophorone                | 9.907  | 82   | 182969   | 39.954 | ng    | 99       |
| 26) 2-Nitrophenol             | 10.101 | 139  | 48556    | 41.664 | ng    | 91       |
| 27) 2,4-Dimethylphenol        | 10.154 | 122  | 67217    | 37.896 | ng    | 97       |
| 28) bis(2-Chloroethoxy)met... | 10.383 | 93   | 95785    | 38.961 | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 10.647 | 162  | 82613    | 38.913 | ng    | 98       |
| 30) 1,2,4-Trichlorobenzene    | 10.853 | 180  | 93223    | 37.796 | ng    | 99       |
| 31) Naphthalene               | 11.047 | 128  | 260407   | 37.708 | ng    | 99       |
| 32) Benzoic acid              | 10.324 | 122  | 34625    | 23.727 | ng    | 94       |
| 33) 4-Chloroaniline           | 11.153 | 127  | 111963   | 39.302 | ng    | 98       |
| 34) Hexachlorobutadiene       | 11.317 | 225  | 63048    | 37.435 | ng    | 98       |
| 35) Caprolactam               | 11.934 | 113  | 28970    | 39.432 | ng    | 96       |
| 36) 4-Chloro-3-methylphenol   | 12.269 | 107  | 94303    | 40.414 | ng    | 97       |
| 37) 2-Methylnaphthalene       | 12.639 | 142  | 201909   | 39.049 | ng    | 98       |
| 38) 1-Methylnaphthalene       | 12.857 | 142  | 195101   | 38.867 | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 13.003 | 216  | 116341   | 38.188 | ng    | 100      |
| 41) Hexachlorocyclopentadiene | 12.974 | 237  | 53529    | 34.862 | ng    | 97       |
| 43) 2,4,6-Trichlorophenol     | 13.244 | 196  | 74766    | 35.977 | ng    | 99       |

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Dec 07 05:04:10 2022  
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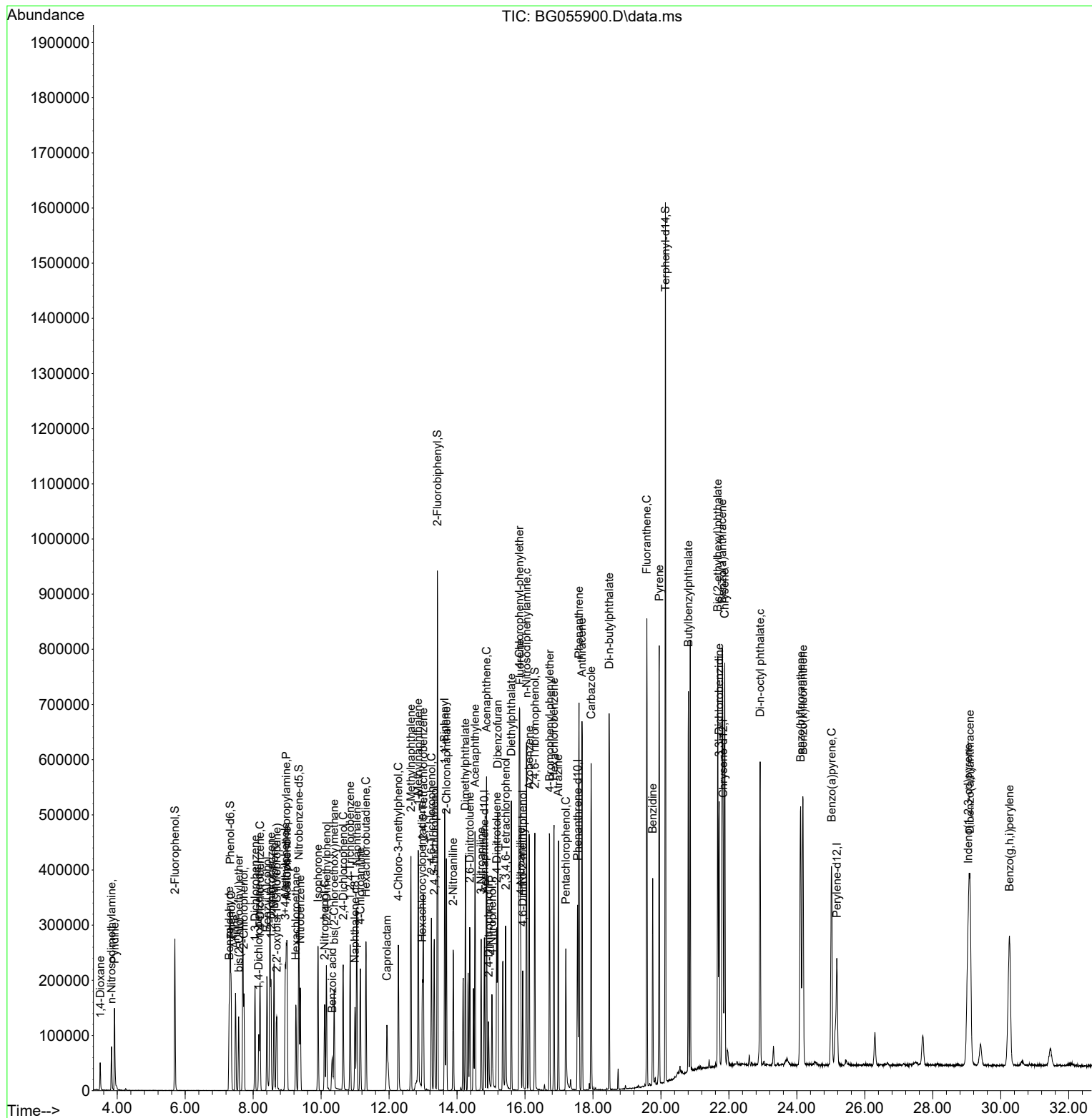
| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 13.327 | 196  | 80775    | 35.369 | ng    | 96       |
| 46) 1,1'-Biphenyl             | 13.632 | 154  | 266674   | 37.748 | ng    | 99       |
| 47) 2-Chloronaphthalene       | 13.685 | 162  | 206954   | 37.689 | ng    | 98       |
| 48) 2-Nitroaniline            | 13.885 | 65   | 74813    | 41.440 | ng    | 96       |
| 49) Acenaphthylene            | 14.525 | 152  | 343579   | 37.997 | ng    | 100      |
| 50) Dimethylphthalate         | 14.243 | 163  | 293551   | 37.985 | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 14.372 | 165  | 61573    | 38.967 | ng    | 94       |
| 52) Acenaphthene              | 14.866 | 154  | 202681   | 34.297 | ng    | 98       |
| 53) 3-Nitroaniline            | 14.707 | 138  | 66652    | 38.424 | ng    | 95       |
| 54) 2,4-Dinitrophenol         | 14.925 | 184  | 33860    | 37.269 | ng    | 95       |
| 55) Dibenzofuran              | 15.195 | 168  | 343703   | 37.700 | ng    | 99       |
| 56) 4-Nitrophenol             | 15.031 | 139  | 44674    | 32.814 | ng    | 92       |
| 57) 2,4-Dinitrotoluene        | 15.166 | 165  | 87975    | 39.489 | ng    | 97       |
| 58) Fluorene                  | 15.847 | 166  | 274836   | 37.745 | ng    | 98       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.430 | 232  | 76106    | 34.392 | ng    | 98       |
| 60) Diethylphthalate          | 15.595 | 149  | 290238   | 37.147 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 15.830 | 204  | 149288   | 37.298 | ng    | 99       |
| 62) 4-Nitroaniline            | 15.871 | 138  | 67368    | 37.153 | ng    | 92       |
| 63) Azobenzene                | 16.117 | 77   | 259399   | 38.028 | ng    | 95       |
| 65) 4,6-Dinitro-2-methylph... | 15.929 | 198  | 51630    | 41.540 | ng    | 96       |
| 66) n-Nitrosodiphenylamine    | 16.041 | 169  | 240162   | 39.151 | ng    | 100      |
| 67) 4-Bromophenyl-phenylether | 16.723 | 248  | 98953    | 39.018 | ng    | 99       |
| 68) Hexachlorobenzene         | 16.852 | 284  | 108800   | 38.690 | ng    | 98       |
| 69) Atrazine                  | 16.981 | 200  | 88658    | 36.544 | ng    | 99       |
| 70) Pentachlorophenol         | 17.199 | 266  | 62765    | 36.486 | ng    | 98       |
| 71) Phenanthrene              | 17.586 | 178  | 454077   | 37.803 | ng    | 99       |
| 72) Anthracene                | 17.674 | 178  | 444418   | 38.080 | ng    | 99       |
| 73) Carbazole                 | 17.945 | 167  | 386085   | 36.798 | ng    | 100      |
| 74) Di-n-butylphthalate       | 18.474 | 149  | 480567   | 36.888 | ng    | 99       |
| 75) Fluoranthene              | 19.584 | 202  | 520093   | 35.591 | ng    | 99       |
| 77) Benzidine                 | 19.754 | 184  | 212813   | 46.411 | ng    | 99       |
| 78) Pyrene                    | 19.948 | 202  | 523007   | 38.983 | ng    | 99       |
| 80) Butylbenzylphthalate      | 20.806 | 149  | 202848   | 38.622 | ng    | 100      |
| 81) Benzo(a)anthracene        | 21.805 | 228  | 514417   | 37.682 | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine    | 21.711 | 252  | 181416   | 37.819 | ng    | 98       |
| 83) Chrysene                  | 21.875 | 228  | 490872   | 37.770 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 21.670 | 149  | 289157   | 38.308 | ng    | 99       |
| 85) Di-n-octyl phthalate      | 22.915 | 149  | 492747   | 38.146 | ng    | 98       |
| 87) Indeno(1,2,3-cd)pyrene    | 29.044 | 276  | 602000   | 35.035 | ng    | # 95     |
| 88) Benzo(b)fluoranthene      | 24.108 | 252  | 496399   | 36.340 | ng    | 100      |
| 89) Benzo(k)fluoranthene      | 24.179 | 252  | 507050   | 37.239 | ng    | 99       |
| 90) Benzo(a)pyrene            | 25.019 | 252  | 427085   | 36.435 | ng    | 100      |
| 91) Dibenzo(a,h)anthracene    | 29.090 | 278  | 496609   | 35.367 | ng    | 99       |
| 92) Benzo(g,h,i)perylene      | 30.254 | 276  | 490182   | 34.637 | ng    | 99       |

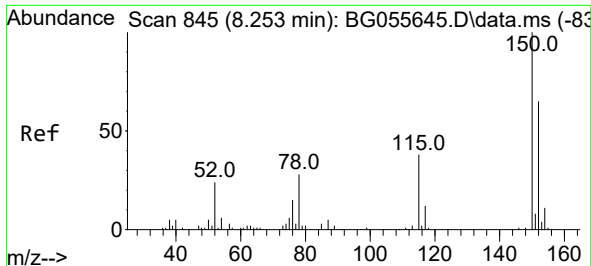
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 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Dec 07 05:04:10 2022  
 Response via : Initial Calibration

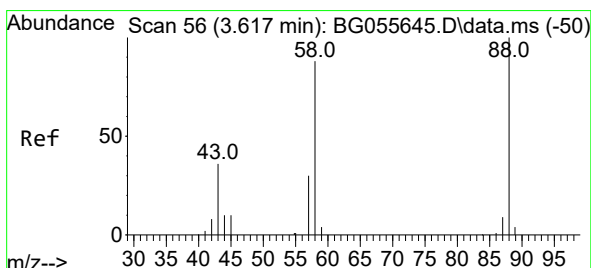
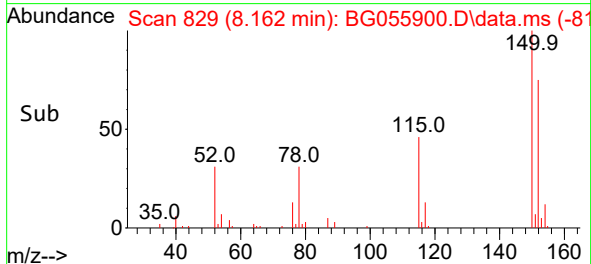
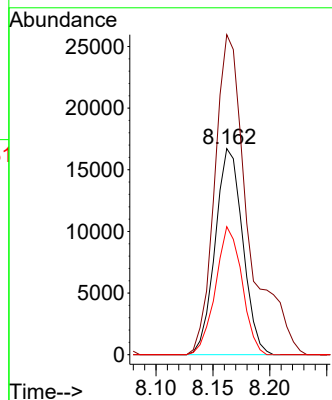
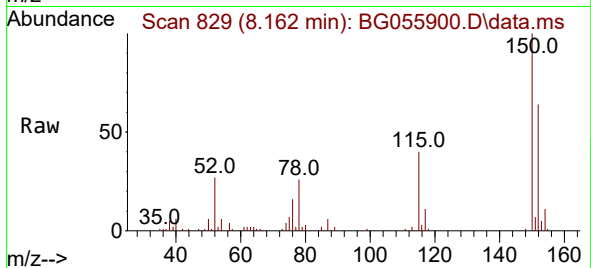




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.162 min Scan# 81  
Delta R.T. 0.000 min  
Lab File: BG055900.D  
Acq: 6 Dec 2022 12:10

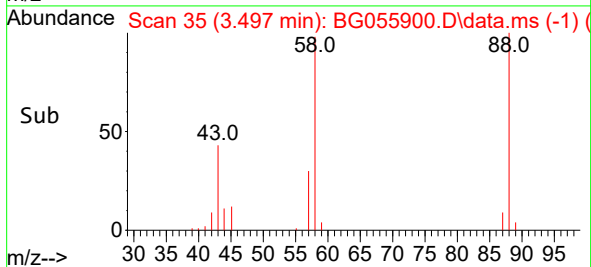
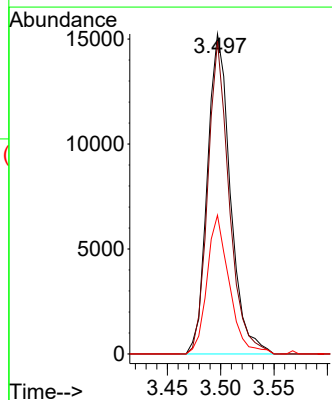
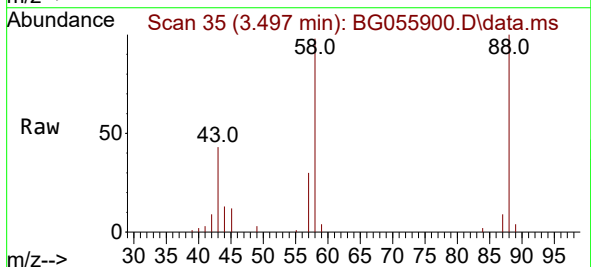
Instrument :  
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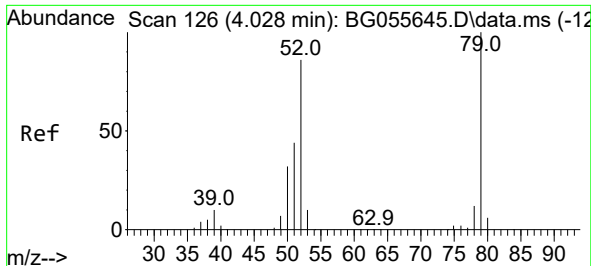
Tgt Ion:152 Resp: 28128  
Ion Ratio Lower Upper  
152 100  
150 155.3 123.0 184.6  
115 62.1 47.0 70.4



#2  
1,4-Dioxane  
Concen: 34.424 ng  
RT: 3.497 min Scan# 35  
Delta R.T. 0.000 min  
Lab File: BG055900.D  
Acq: 6 Dec 2022 12:10

Tgt Ion: 88 Resp: 22893  
Ion Ratio Lower Upper  
88 100  
58 90.8 71.3 106.9  
43 41.9 28.6 43.0

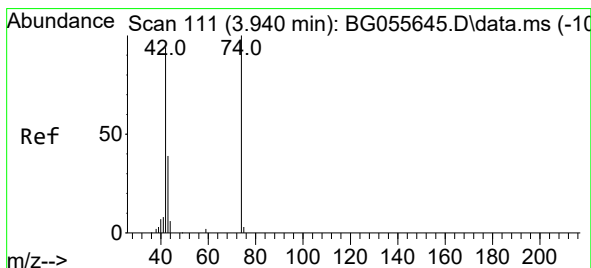
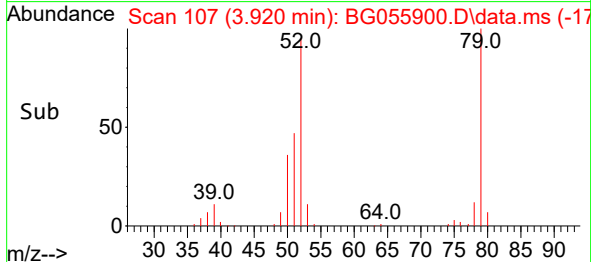
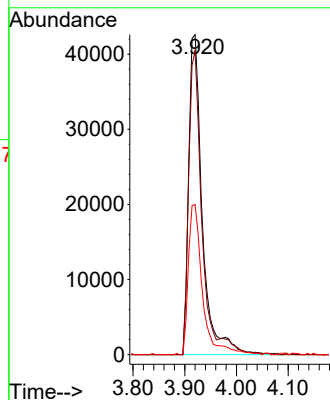
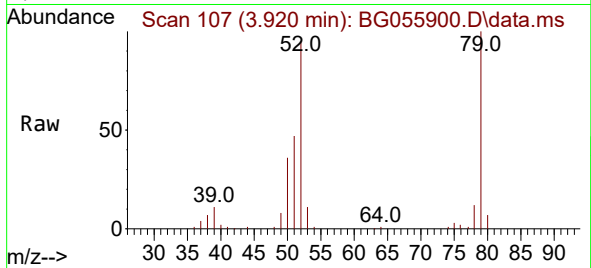




#3  
Pyridine  
Concen: 38.368 ng  
RT: 3.920 min Scan# 10  
Delta R.T. 0.000 min  
Lab File: BG055900.D  
Acq: 6 Dec 2022 12:10

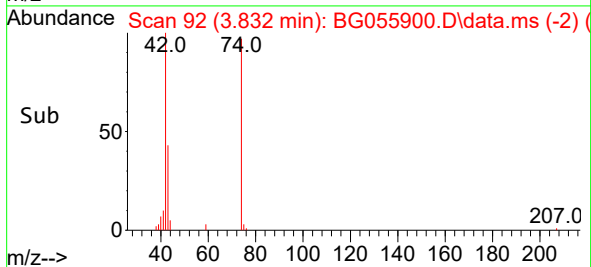
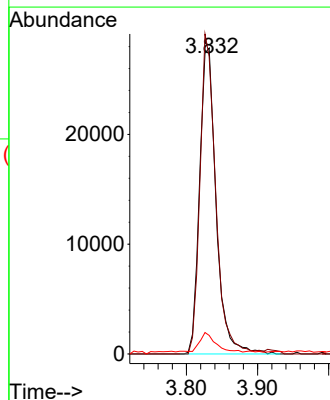
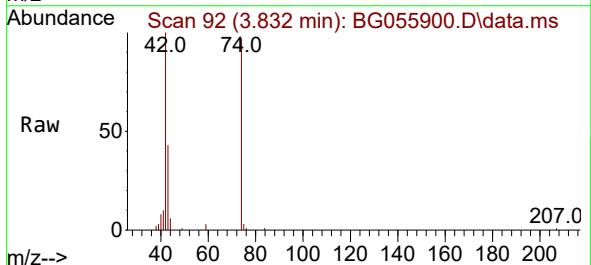
Instrument :  
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ClientSampleId :  
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Tgt Ion: 79 Resp: 78277  
Ion Ratio Lower Upper  
79 100  
52 95.0 68.9 103.3  
51 46.9 34.8 52.2



#4  
n-Nitrosodimethylamine  
Concen: 41.956 ng  
RT: 3.832 min Scan# 92  
Delta R.T. 0.000 min  
Lab File: BG055900.D  
Acq: 6 Dec 2022 12:10

Tgt Ion: 42 Resp: 45318  
Ion Ratio Lower Upper  
42 100  
74 97.2 84.7 127.1  
44 6.1 5.4 8.0

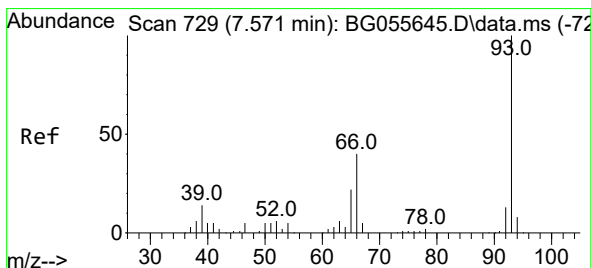
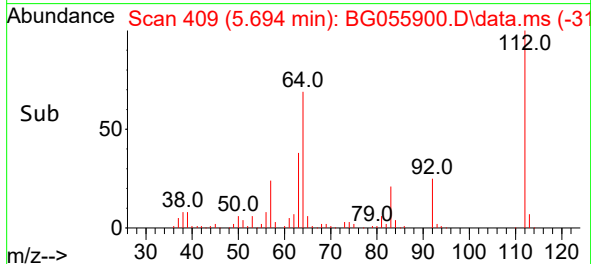
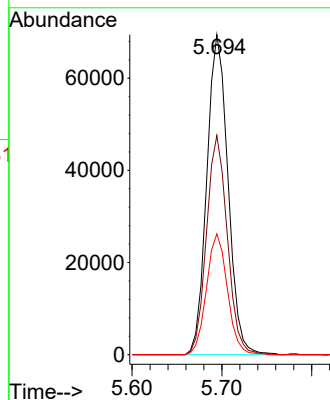
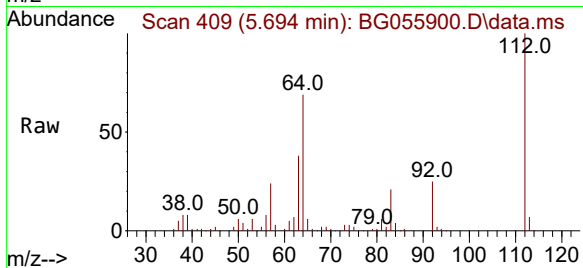




#5  
2-Fluorophenol  
Concen: 73.128 ng  
RT: 5.694 min Scan# 409  
Delta R.T. 0.000 min  
Lab File: BG055900.D  
Acq: 6 Dec 2022 12:10

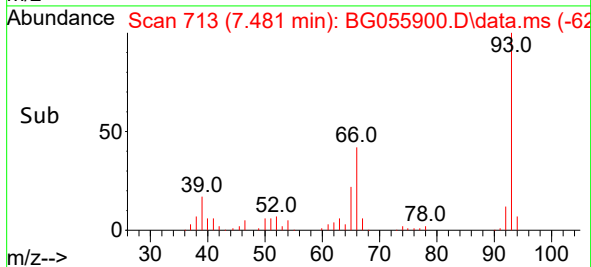
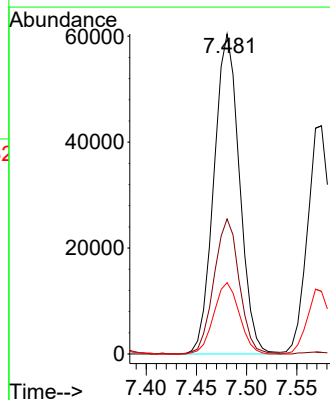
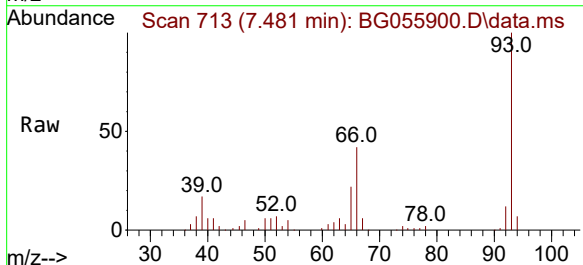
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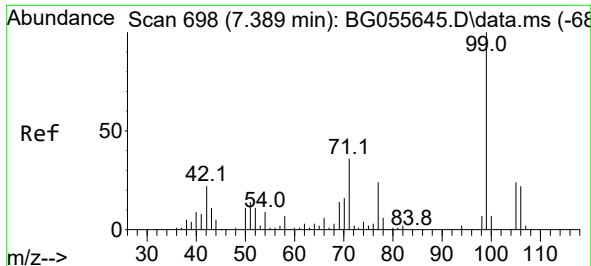
Tgt Ion:112 Resp: 113799  
Ion Ratio Lower Upper  
112 100  
64 68.5 50.6 76.0  
63 37.8 27.5 41.3



#6  
Aniline  
Concen: 41.178 ng  
RT: 7.481 min Scan# 713  
Delta R.T. 0.000 min  
Lab File: BG055900.D  
Acq: 6 Dec 2022 12:10

Tgt Ion: 93 Resp: 107141  
Ion Ratio Lower Upper  
93 100  
66 42.2 31.7 47.5  
65 22.3 17.9 26.9

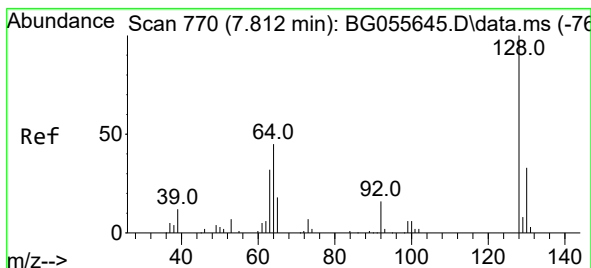
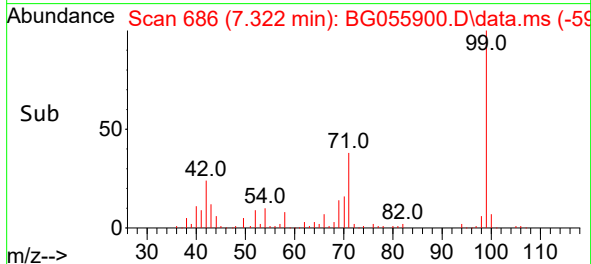
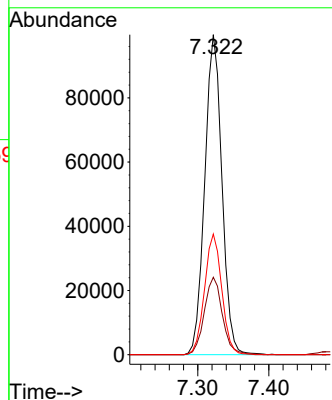
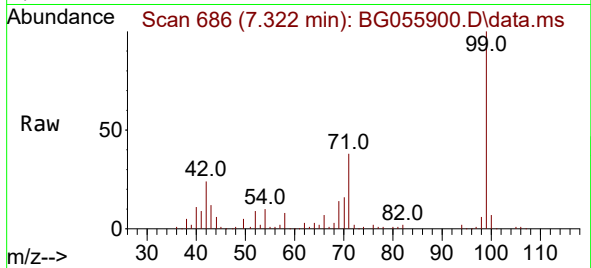




#7  
Phenol-d6  
Concen: 80.998 ng  
RT: 7.322 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: BG055900.D  
Acq: 6 Dec 2022 12:10

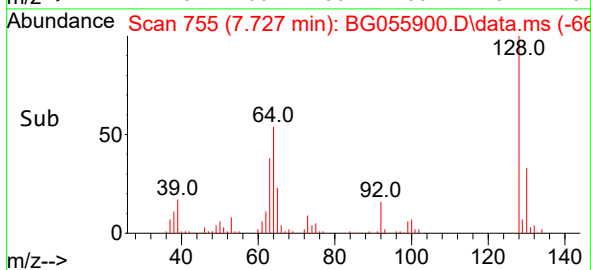
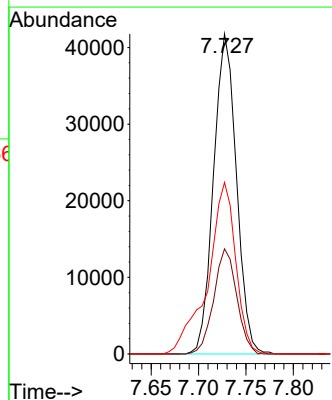
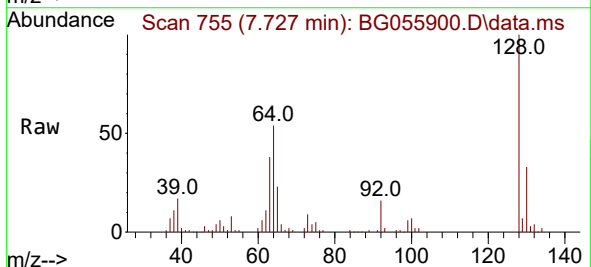
Instrument :  
BNA\_G  
ClientSampleId :  
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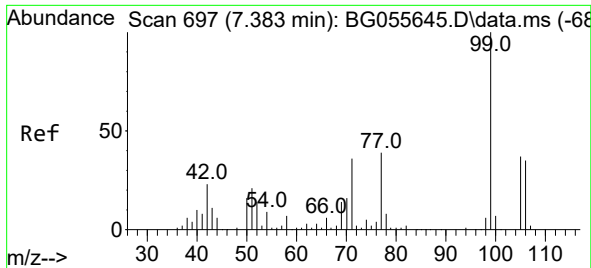
Tgt Ion: 99 Resp: 167788  
Ion Ratio Lower Upper  
99 100  
42 24.2 18.0 27.0  
71 37.7 29.0 43.6



#8  
2-Chlorophenol  
Concen: 39.359 ng  
RT: 7.727 min Scan# 755  
Delta R.T. 0.000 min  
Lab File: BG055900.D  
Acq: 6 Dec 2022 12:10

Tgt Ion:128 Resp: 70019  
Ion Ratio Lower Upper  
128 100  
130 32.9 13.1 53.1  
64 53.6 30.2 70.2

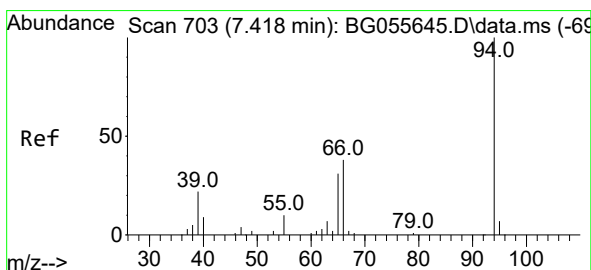
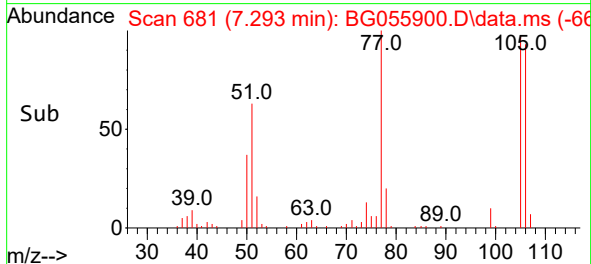
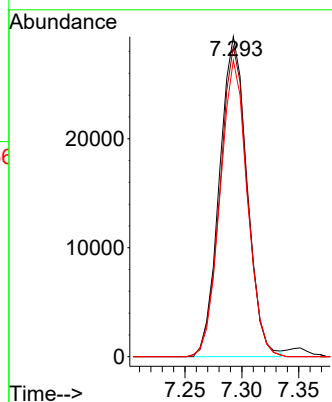
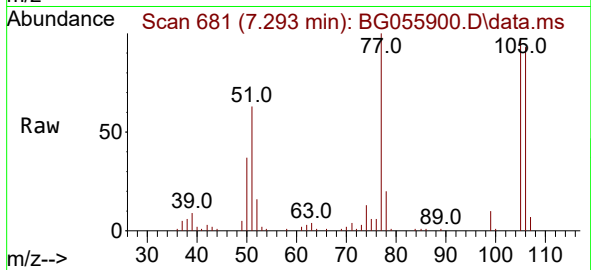




#9  
Benzaldehyde  
Concen: 35.119 ng  
RT: 7.293 min Scan# 697  
Delta R.T. 0.000 min  
Lab File: BG055900.D  
Acq: 6 Dec 2022 12:10

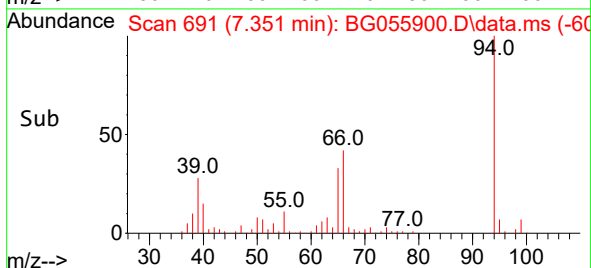
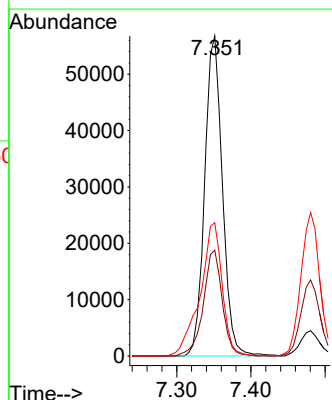
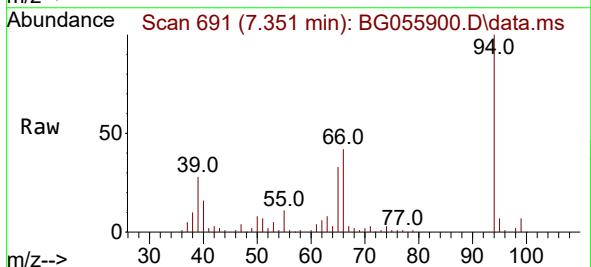
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

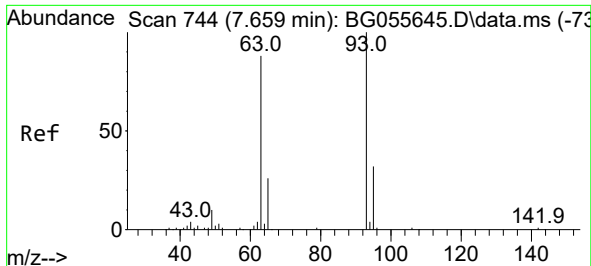
Tgt Ion: 77 Resp: 49406  
Ion Ratio Lower Upper  
77 100  
105 96.9 76.3 116.3  
106 92.6 69.8 109.8



#10  
Phenol  
Concen: 40.740 ng  
RT: 7.351 min Scan# 691  
Delta R.T. 0.000 min  
Lab File: BG055900.D  
Acq: 6 Dec 2022 12:10

Tgt Ion: 94 Resp: 94495  
Ion Ratio Lower Upper  
94 100  
65 33.1 11.8 51.8  
66 41.7 20.5 60.5

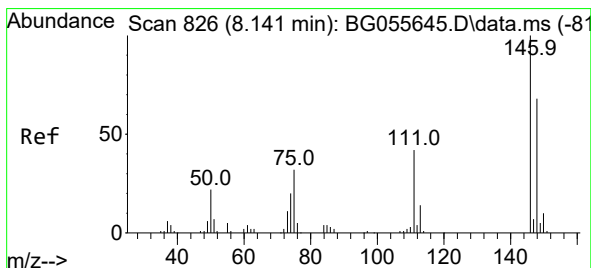
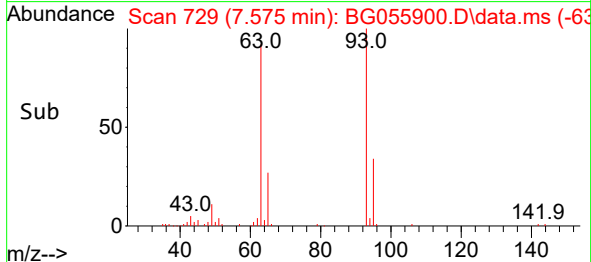
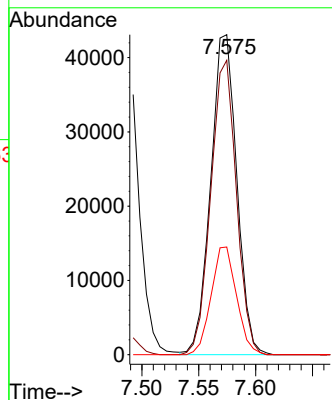
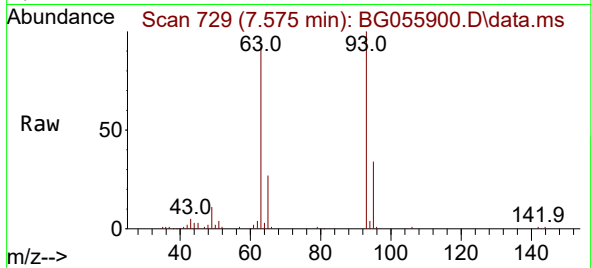




#11  
bis(2-Chloroethyl)ether  
Concen: 38.743 ng  
RT: 7.575 min Scan# 71  
Delta R.T. 0.000 min  
Lab File: BG055900.D  
Acq: 6 Dec 2022 12:10

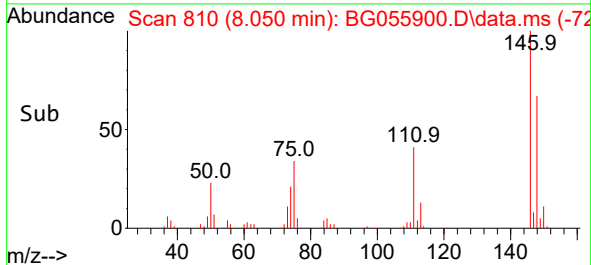
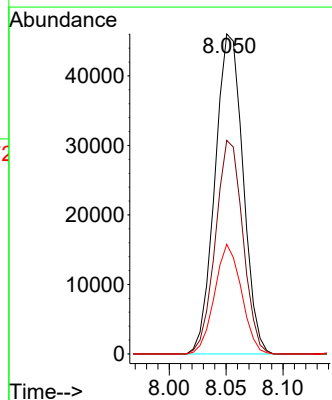
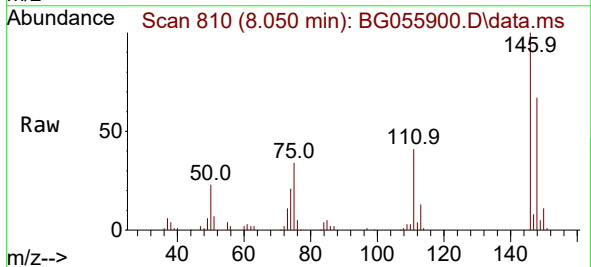
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

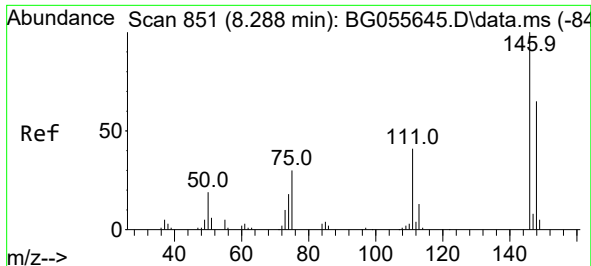
Tgt Ion: 93 Resp: 68867  
Ion Ratio Lower Upper  
93 100  
63 92.0 67.6 107.6  
95 33.6 11.8 51.8



#12  
1,3-Dichlorobenzene  
Concen: 37.802 ng  
RT: 8.050 min Scan# 810  
Delta R.T. 0.000 min  
Lab File: BG055900.D  
Acq: 6 Dec 2022 12:10

Tgt Ion: 146 Resp: 79066  
Ion Ratio Lower Upper  
146 100  
148 66.8 54.6 81.8  
75 34.3 25.8 38.6





#13

1,4-Dichlorobenzene

Concen: 38.022 ng

RT: 8.203 min Scan# 81

Delta R.T. 0.000 min

Lab File: BG055900.D

Acq: 6 Dec 2022 12:10

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

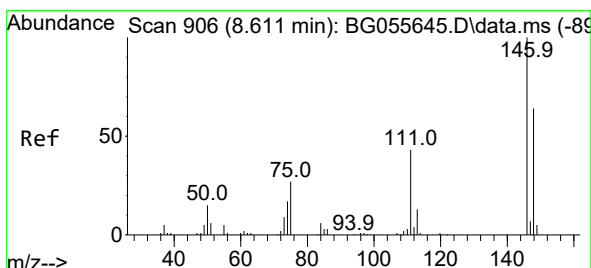
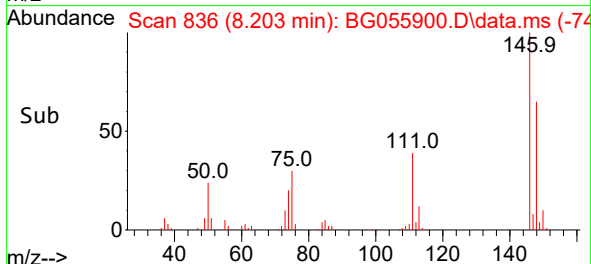
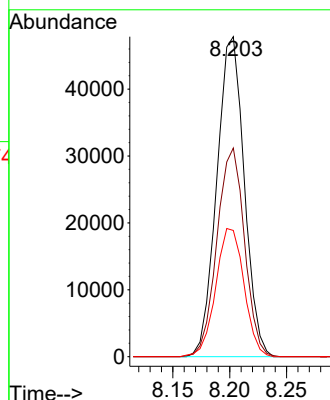
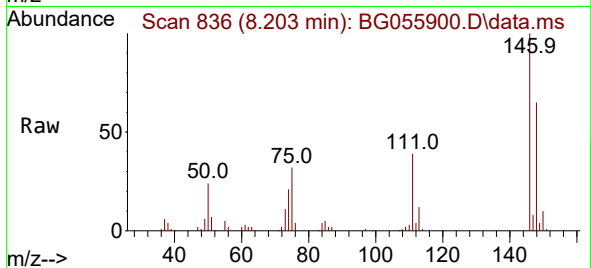
Tgt Ion:146 Resp: 80361

Ion Ratio Lower Upper

146 100

148 65.2 52.1 78.1

111 39.5 33.0 49.4



#14

1,2-Dichlorobenzene

Concen: 38.525 ng

RT: 8.526 min Scan# 891

Delta R.T. 0.000 min

Lab File: BG055900.D

Acq: 6 Dec 2022 12:10

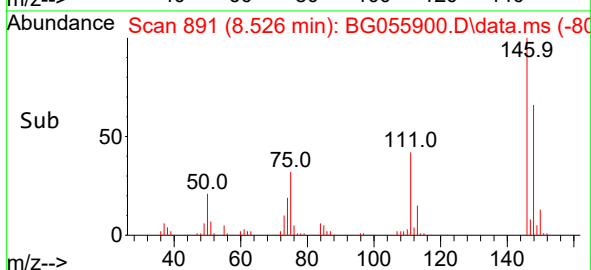
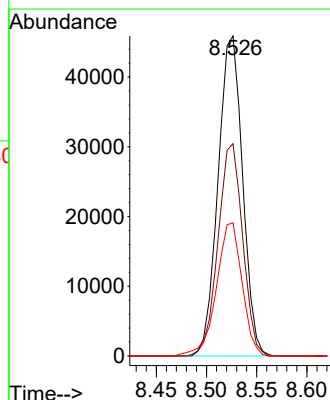
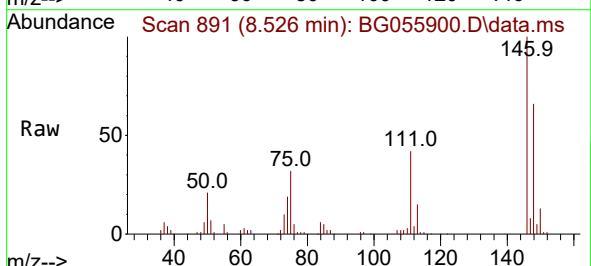
Tgt Ion:146 Resp: 78026

Ion Ratio Lower Upper

146 100

148 66.3 50.9 76.3

111 41.6 34.5 51.7

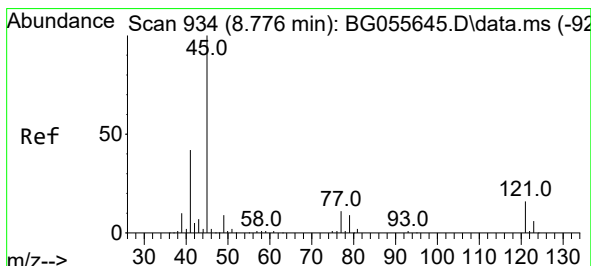
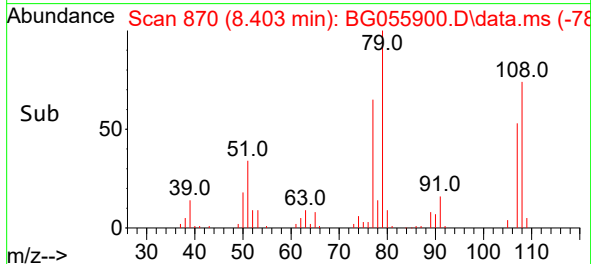
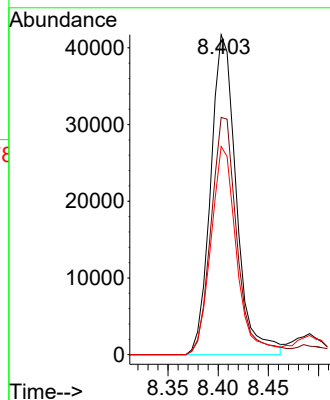
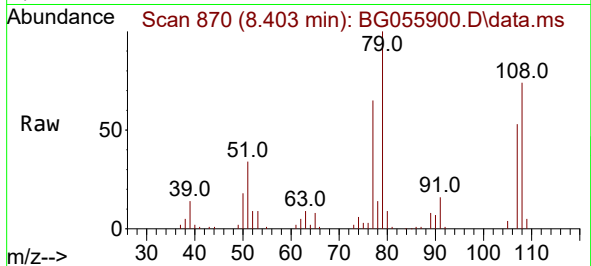




#15  
Benzyl Alcohol  
Concen: 44.029 ng  
RT: 8.403 min Scan# 81  
Delta R.T. 0.000 min  
Lab File: BG055900.D  
Acq: 6 Dec 2022 12:10

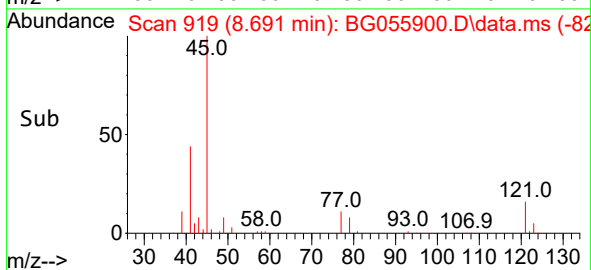
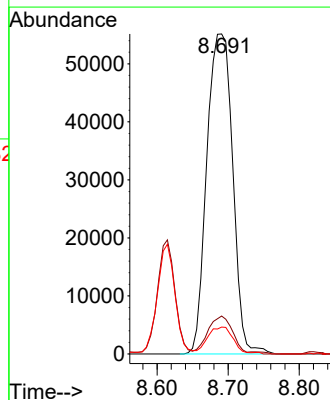
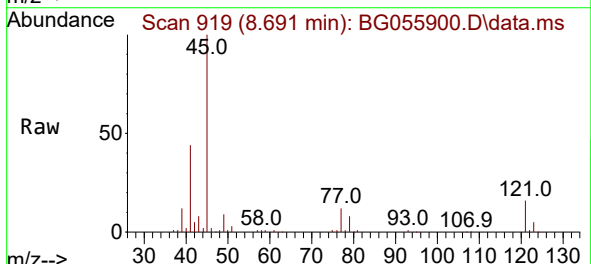
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

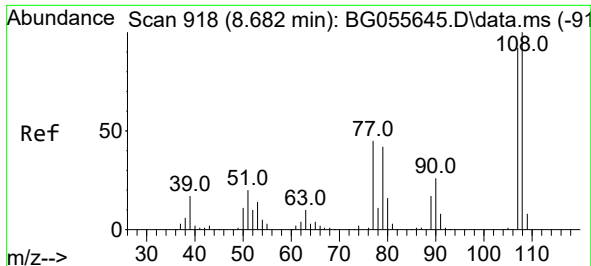
Tgt Ion: 79 Resp: 74124  
Ion Ratio Lower Upper  
79 100  
108 74.1 62.6 93.8  
77 65.1 52.4 78.6



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 43.342 ng  
RT: 8.691 min Scan# 919  
Delta R.T. 0.000 min  
Lab File: BG055900.D  
Acq: 6 Dec 2022 12:10

Tgt Ion: 45 Resp: 139466  
Ion Ratio Lower Upper  
45 100  
77 11.9 0.0 31.7  
79 8.4 0.0 29.5





#17

2-Methylphenol

Concen: 42.524 ng

RT: 8.614 min Scan# 90

Delta R.T. 0.000 min

Lab File: BG055900.D

Acq: 6 Dec 2022 12:10

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

Tgt Ion:107 Resp: 70026

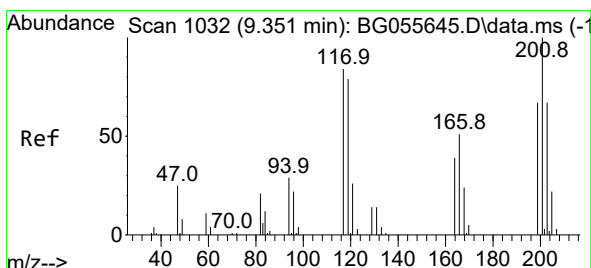
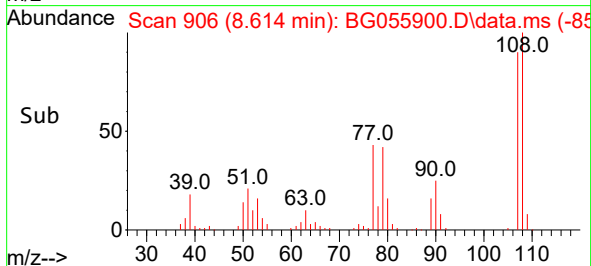
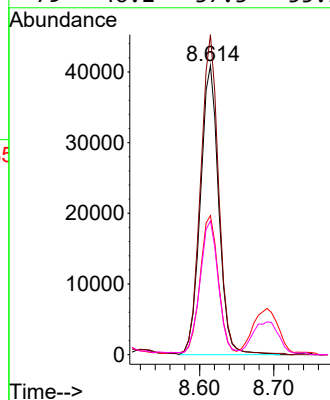
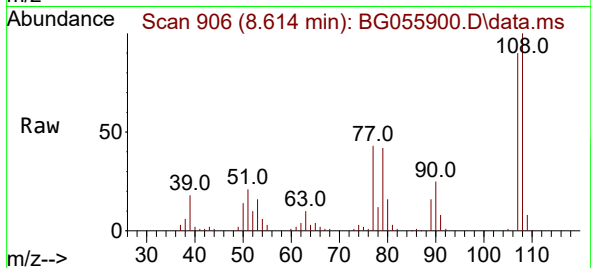
Ion Ratio Lower Upper

107 100

108 110.7 87.3 130.9

77 48.1 39.4 59.0

79 46.2 37.3 55.9



#18

Hexachloroethane

Concen: 39.364 ng

RT: 9.255 min Scan# 1015

Delta R.T. 0.000 min

Lab File: BG055900.D

Acq: 6 Dec 2022 12:10

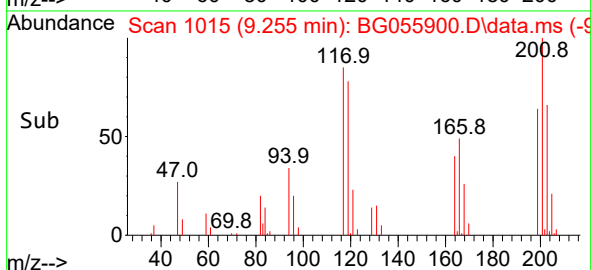
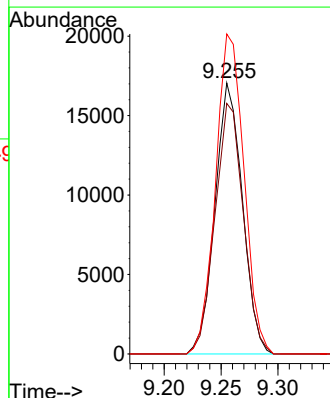
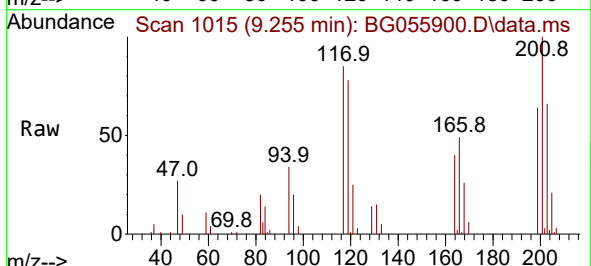
Tgt Ion:117 Resp: 28635

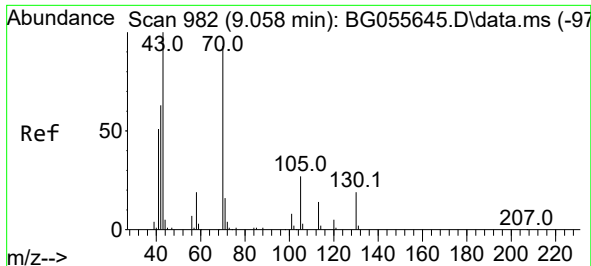
Ion Ratio Lower Upper

117 100

119 92.5 76.0 114.0

201 118.1 98.6 148.0

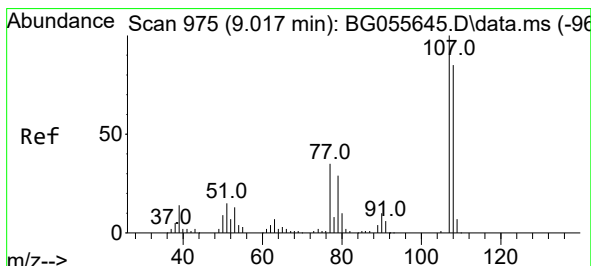
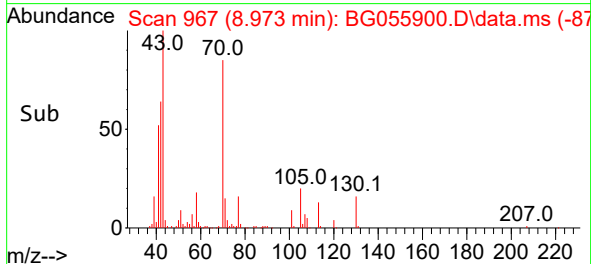
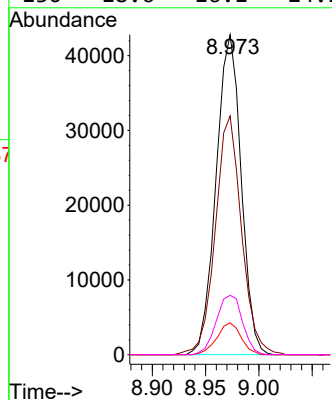
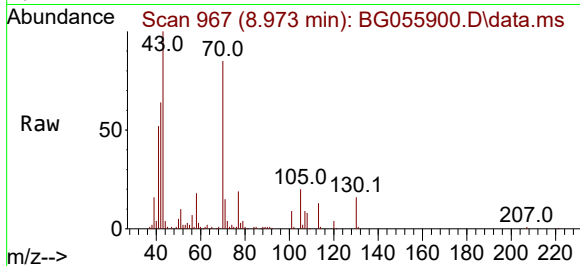




#19  
n-Nitroso-di-n-propylamine  
Concen: 43.909 ng  
RT: 8.973 min Scan# 90  
Delta R.T. 0.000 min  
Lab File: BG055900.D  
Acq: 6 Dec 2022 12:10

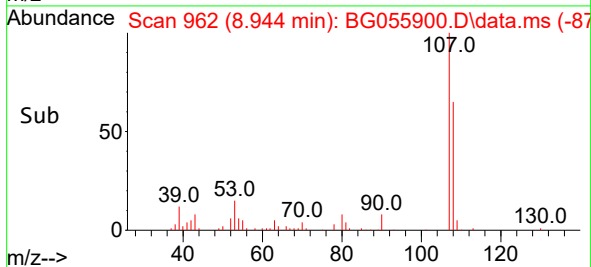
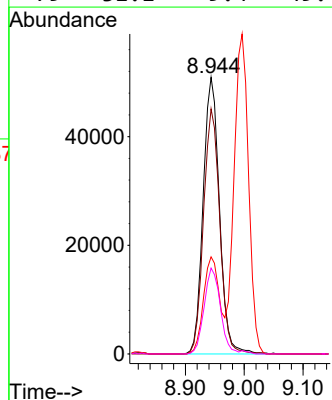
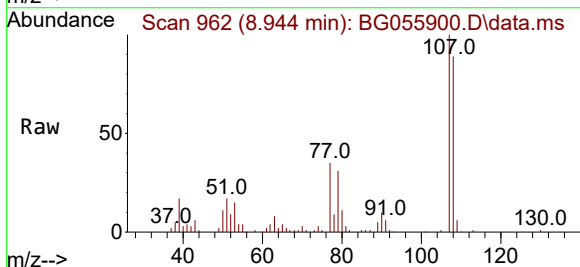
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

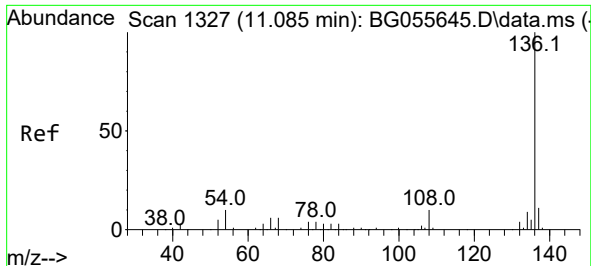
Tgt Ion: 70 Resp: 69887  
Ion Ratio Lower Upper  
70 100  
42 74.6 55.2 82.8  
101 10.0 7.1 10.7  
130 18.6 16.1 24.1



#20  
3+4-Methylphenols  
Concen: 42.490 ng  
RT: 8.944 min Scan# 962  
Delta R.T. 0.000 min  
Lab File: BG055900.D  
Acq: 6 Dec 2022 12:10

Tgt Ion: 107 Resp: 97742  
Ion Ratio Lower Upper  
107 100  
108 88.6 65.5 105.5  
77 35.1 14.6 54.6  
79 31.1 9.4 49.4

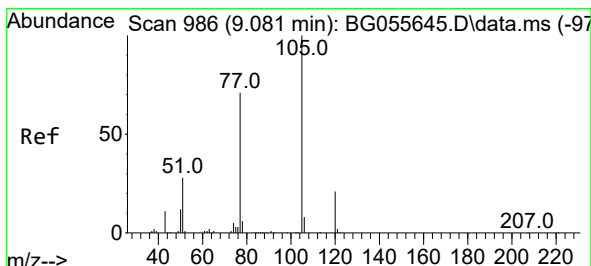
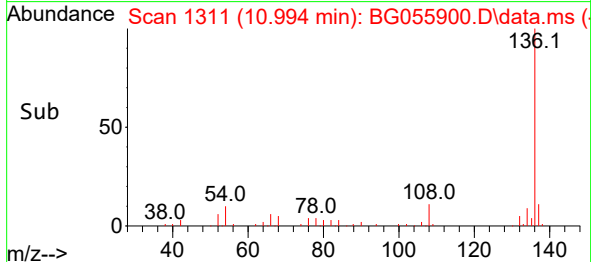
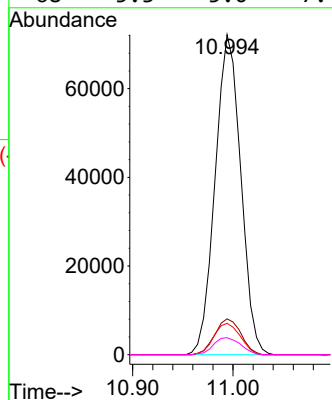
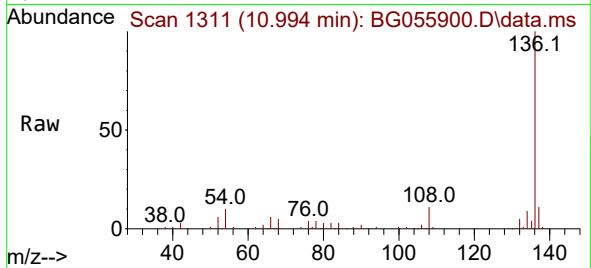




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.994 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BG055900.D  
Acq: 6 Dec 2022 12:10

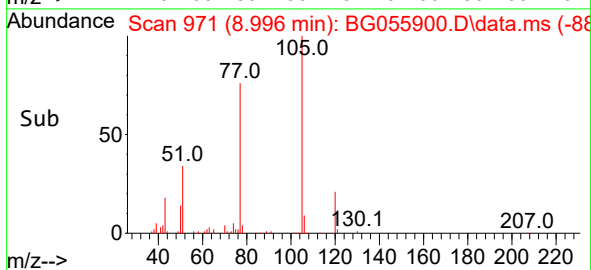
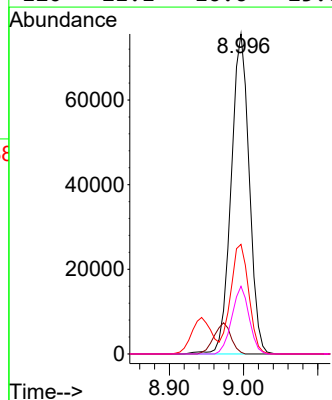
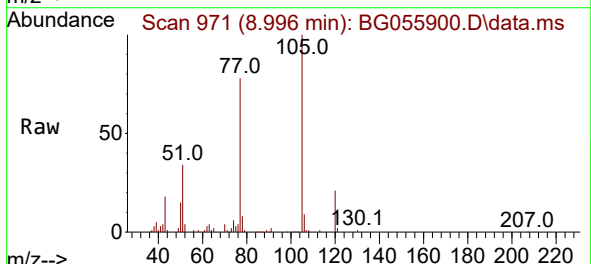
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

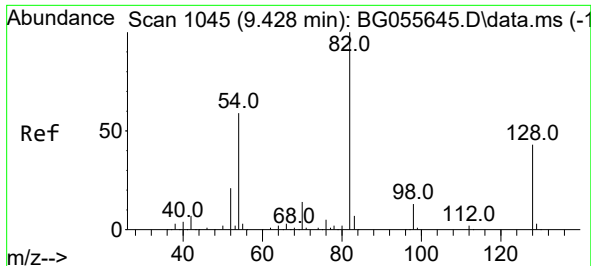
Tgt Ion:136 Resp: 127748  
Ion Ratio Lower Upper  
136 100  
137 11.2 9.0 13.6  
54 9.8 7.8 11.6  
68 5.3 5.0 7.4



#22  
Acetophenone  
Concen: 38.502 ng  
RT: 8.996 min Scan# 971  
Delta R.T. 0.000 min  
Lab File: BG055900.D  
Acq: 6 Dec 2022 12:10

Tgt Ion:105 Resp: 127809  
Ion Ratio Lower Upper  
105 100  
71 0.6 0.6 1.0#  
51 34.2 24.5 36.7  
120 21.1 16.6 25.0





#23

Nitrobenzene-d5

Concen: 78.799 ng

RT: 9.343 min Scan# 1030

Delta R.T. 0.000 min

Lab File: BG055900.D

Acq: 6 Dec 2022 12:10

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

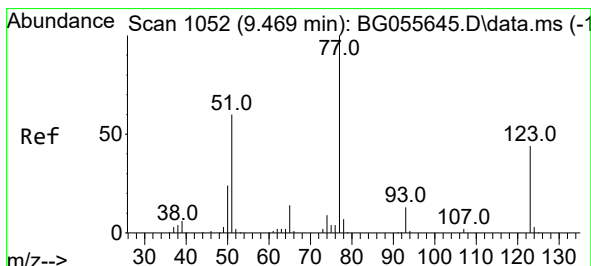
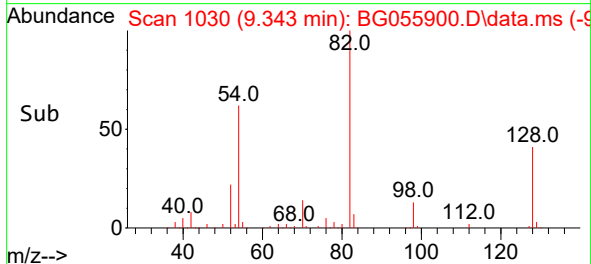
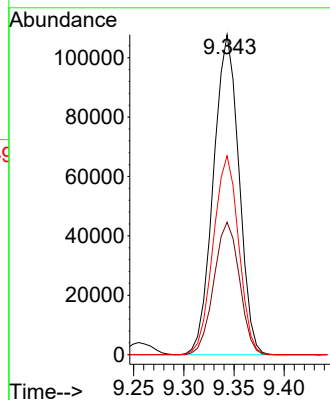
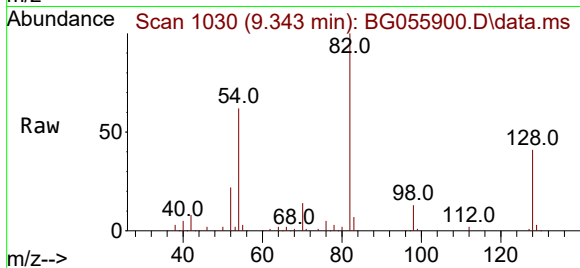
Tgt Ion: 82 Resp: 190453

Ion Ratio Lower Upper

82 100

128 41.4 34.1 51.1

54 62.2 47.3 70.9



#24

Nitrobenzene

Concen: 39.141 ng

RT: 9.384 min Scan# 1037

Delta R.T. 0.000 min

Lab File: BG055900.D

Acq: 6 Dec 2022 12:10

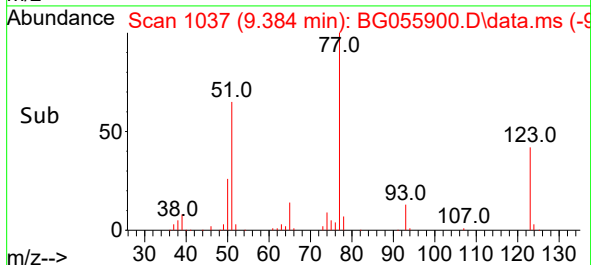
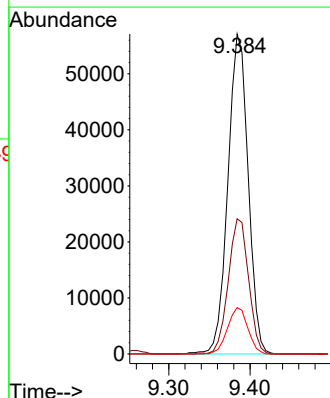
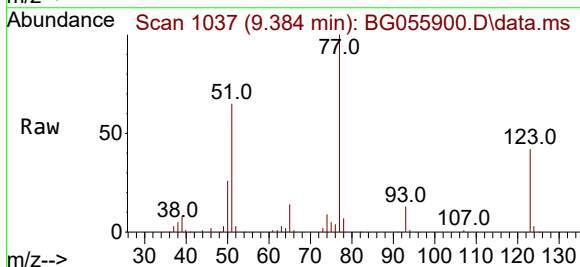
Tgt Ion: 77 Resp: 98814

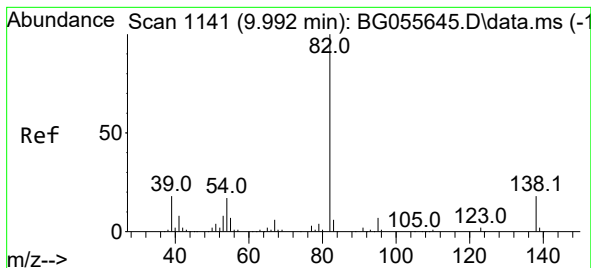
Ion Ratio Lower Upper

77 100

123 42.3 35.5 53.3

65 14.5 11.5 17.3





#25

Isophorone

Concen: 39.954 ng

RT: 9.907 min Scan# 1141

Delta R.T. 0.000 min

Lab File: BG055900.D

Acq: 6 Dec 2022 12:10

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

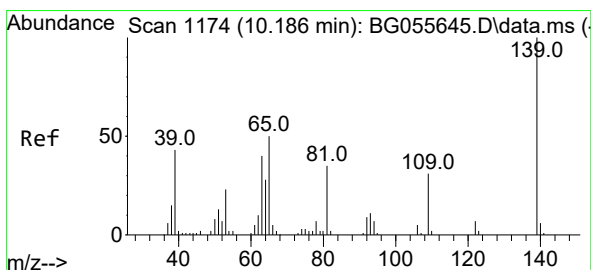
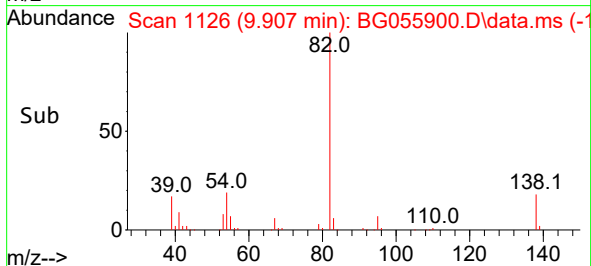
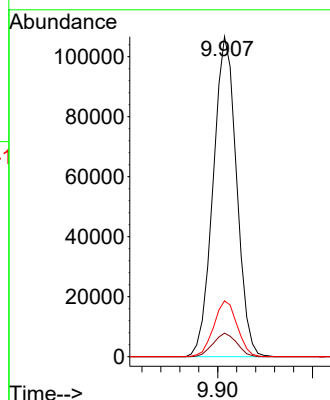
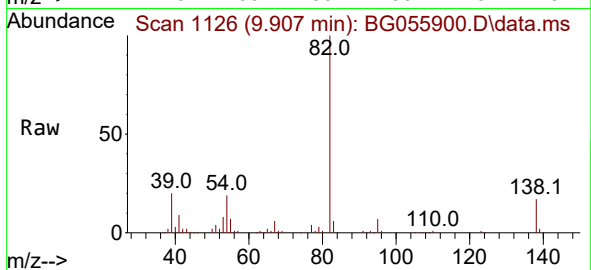
Tgt Ion: 82 Resp: 182969

Ion Ratio Lower Upper

82 100

95 7.3 5.5 8.3

138 17.4 14.2 21.4



#26

2-Nitrophenol

Concen: 41.664 ng

RT: 10.101 min Scan# 1159

Delta R.T. 0.000 min

Lab File: BG055900.D

Acq: 6 Dec 2022 12:10

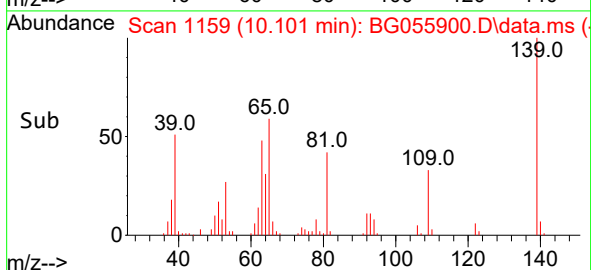
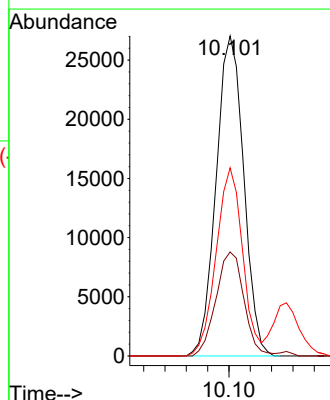
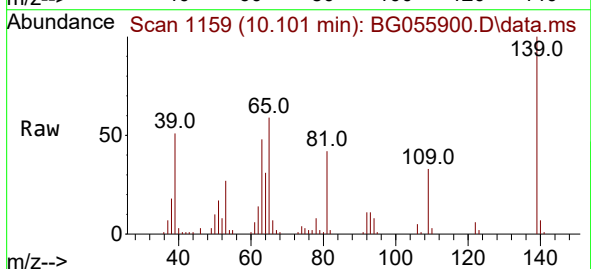
Tgt Ion:139 Resp: 48556

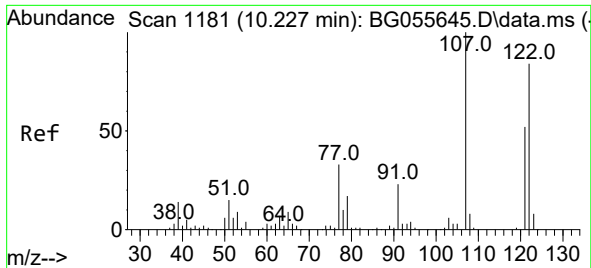
Ion Ratio Lower Upper

139 100

109 32.5 24.4 36.6

65 58.8 40.2 60.2





#27

2,4-Dimethylphenol

Concen: 37.896 ng

RT: 10.154 min Scan# 11

Delta R.T. 0.000 min

Lab File: BG055900.D

Acq: 6 Dec 2022 12:10

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

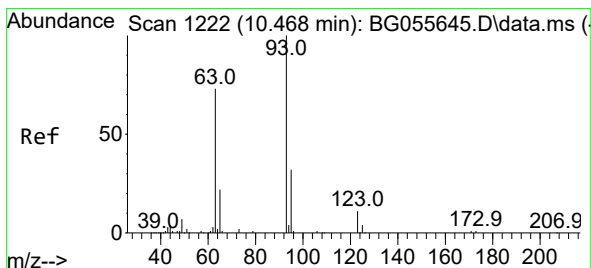
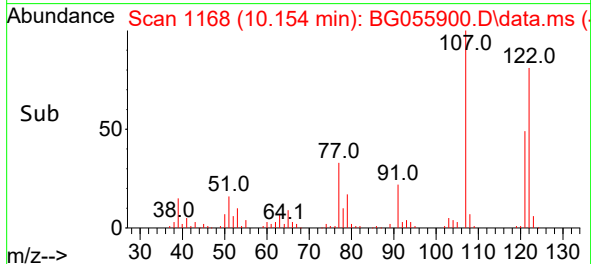
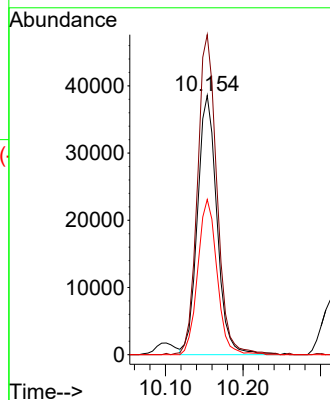
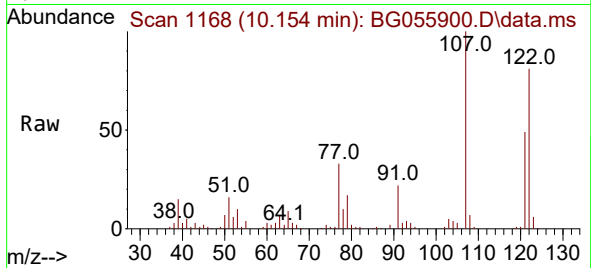
Tgt Ion:122 Resp: 67217

Ion Ratio Lower Upper

122 100

107 123.5 95.8 143.6

121 59.9 49.6 74.4



#28

bis(2-Chloroethoxy)methane

Concen: 38.961 ng

RT: 10.383 min Scan# 1207

Delta R.T. 0.000 min

Lab File: BG055900.D

Acq: 6 Dec 2022 12:10

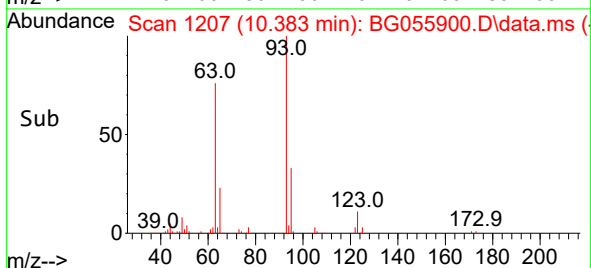
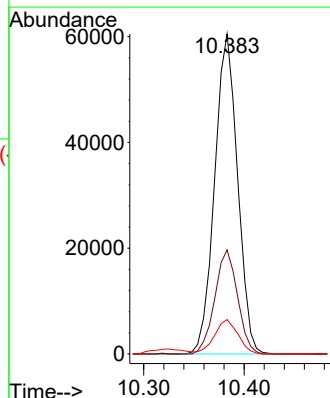
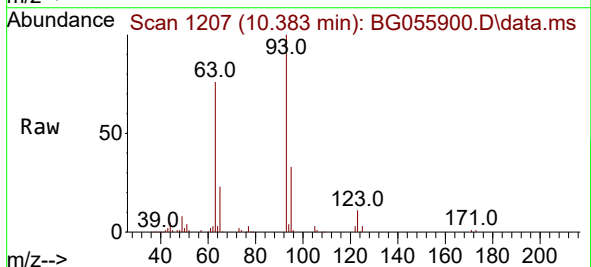
Tgt Ion: 93 Resp: 95785

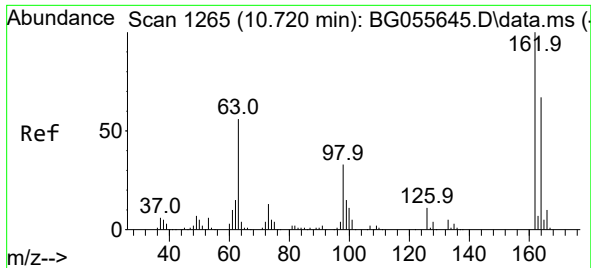
Ion Ratio Lower Upper

93 100

95 32.5 25.7 38.5

123 10.7 8.9 13.3





#29

2,4-Dichlorophenol

Concen: 38.913 ng

RT: 10.647 min Scan# 1

Delta R.T. 0.000 min

Lab File: BG055900.D

Acq: 6 Dec 2022 12:10

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

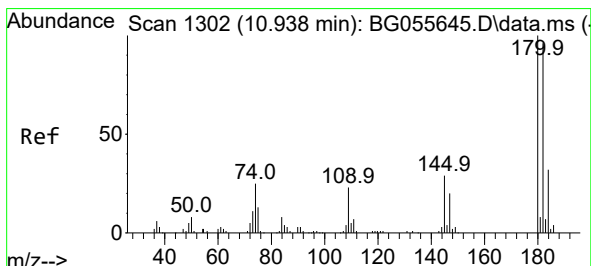
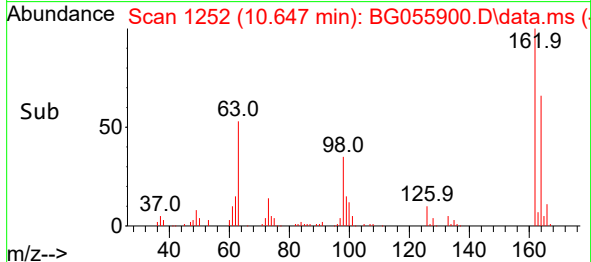
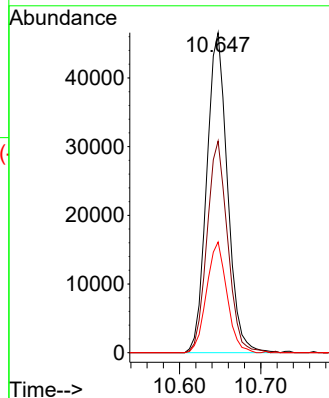
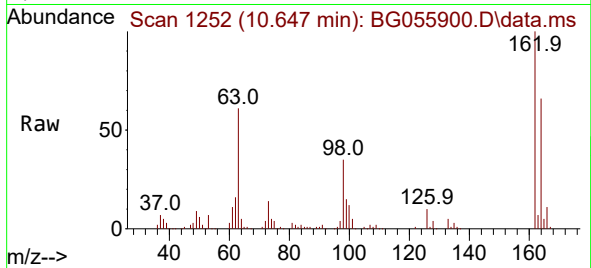
Tgt Ion:162 Resp: 82613

Ion Ratio Lower Upper

162 100

164 66.2 46.7 86.7

98 34.6 12.8 52.8



#30

1,2,4-Trichlorobenzene

Concen: 37.796 ng

RT: 10.853 min Scan# 1287

Delta R.T. 0.000 min

Lab File: BG055900.D

Acq: 6 Dec 2022 12:10

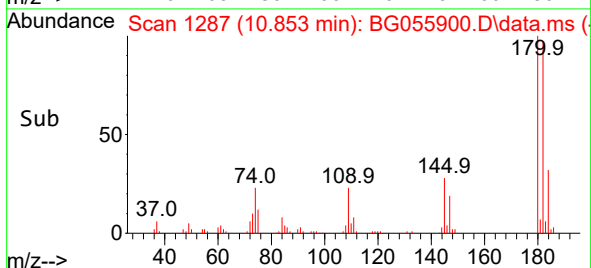
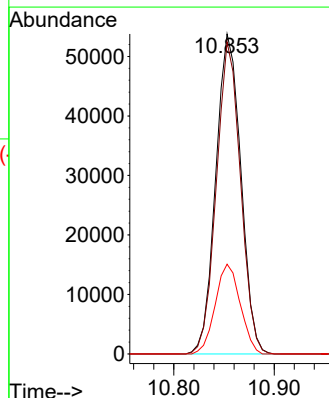
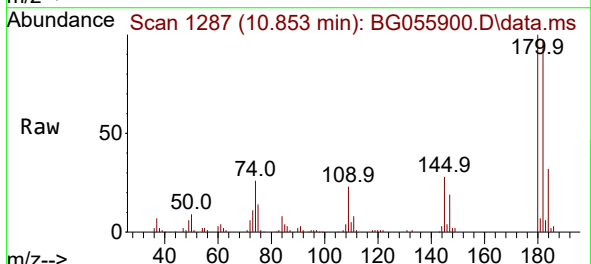
Tgt Ion:180 Resp: 93223

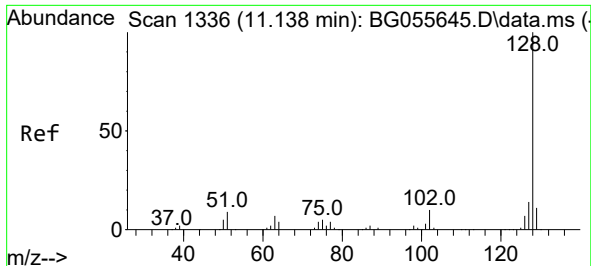
Ion Ratio Lower Upper

180 100

182 97.5 77.1 115.7

145 28.0 22.9 34.3

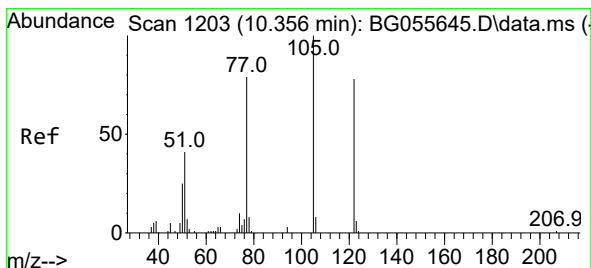
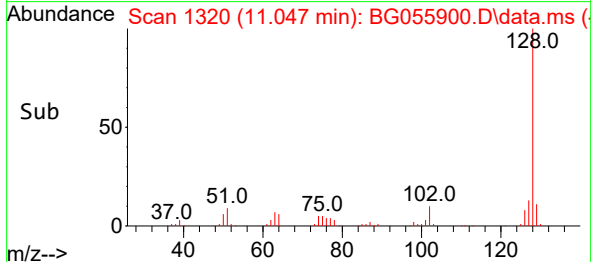
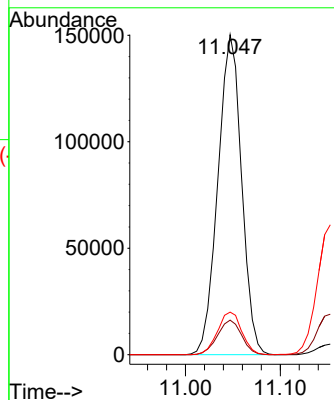
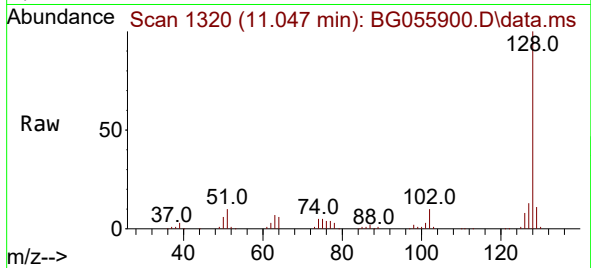




#31  
Naphthalene  
Concen: 37.708 ng  
RT: 11.047 min Scan# 1197  
Delta R.T. 0.000 min  
Lab File: BG055900.D  
Acq: 6 Dec 2022 12:10

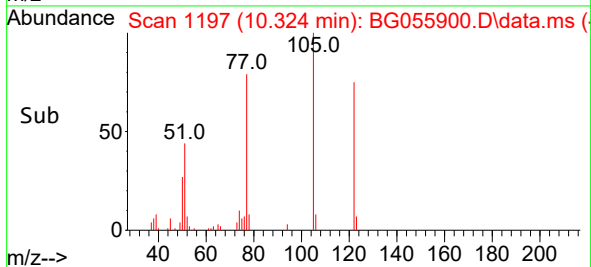
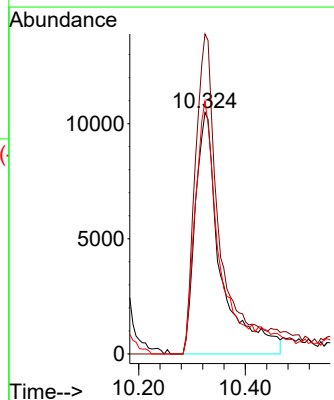
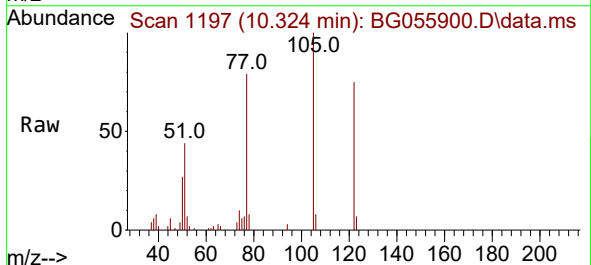
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

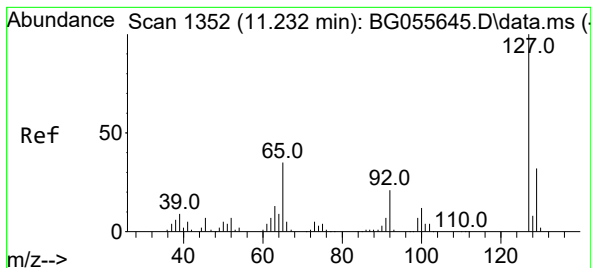
Tgt Ion:128 Resp: 260407  
Ion Ratio Lower Upper  
128 100  
129 10.8 8.7 13.1  
127 13.3 10.9 16.3



#32  
Benzoic acid  
Concen: 23.727 ng  
RT: 10.324 min Scan# 1197  
Delta R.T. 0.000 min  
Lab File: BG055900.D  
Acq: 6 Dec 2022 12:10

Tgt Ion:122 Resp: 34625  
Ion Ratio Lower Upper  
122 100  
105 132.5 104.3 144.3  
77 104.8 79.9 119.9





#33

4-Chloroaniline

Concen: 39.302 ng

RT: 11.153 min Scan# 11

Delta R.T. 0.000 min

Lab File: BG055900.D

Acq: 6 Dec 2022 12:10

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

Tgt Ion:127 Resp: 111963

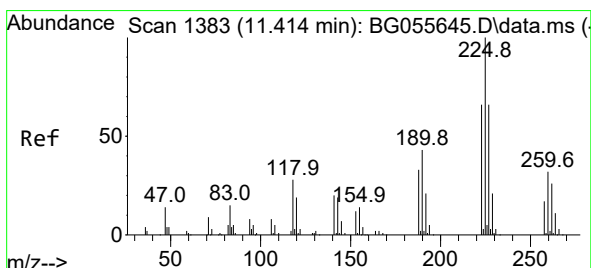
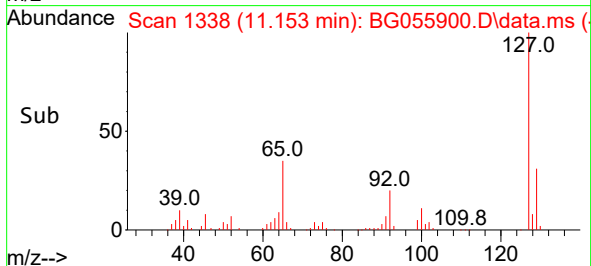
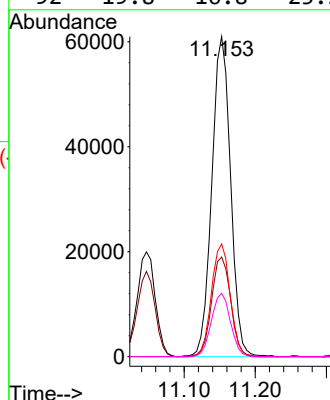
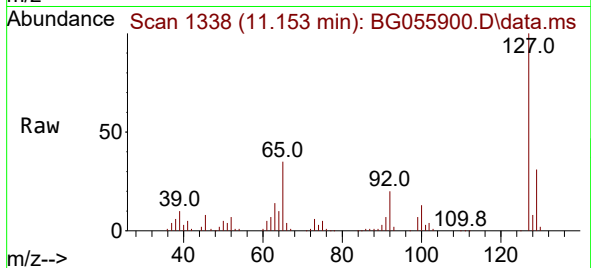
Ion Ratio Lower Upper

127 100

129 31.2 25.9 38.9

65 35.2 27.9 41.9

92 19.8 16.8 25.2



#34

Hexachlorobutadiene

Concen: 37.435 ng

RT: 11.317 min Scan# 1366

Delta R.T. 0.000 min

Lab File: BG055900.D

Acq: 6 Dec 2022 12:10

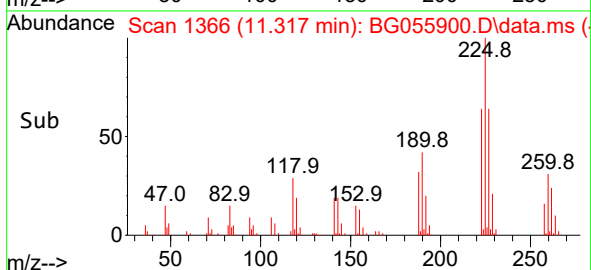
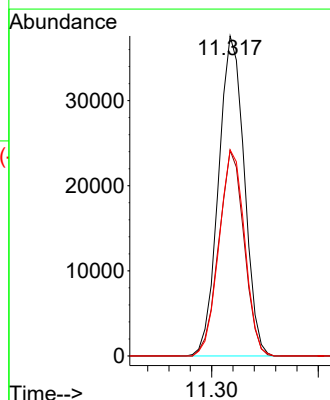
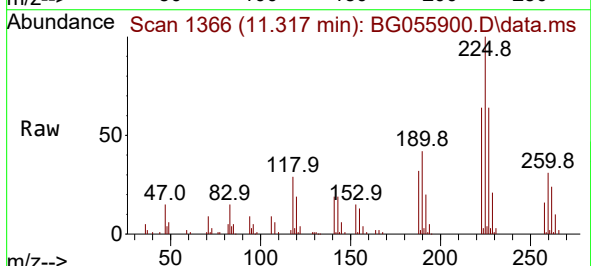
Tgt Ion:225 Resp: 63048

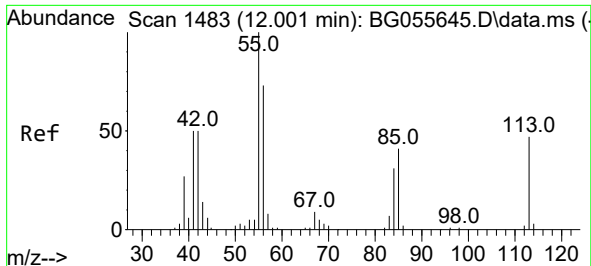
Ion Ratio Lower Upper

225 100

223 64.3 52.9 79.3

227 64.4 52.6 79.0

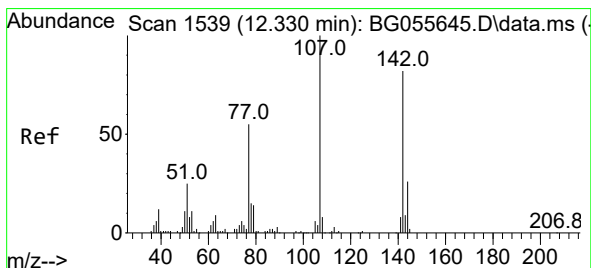
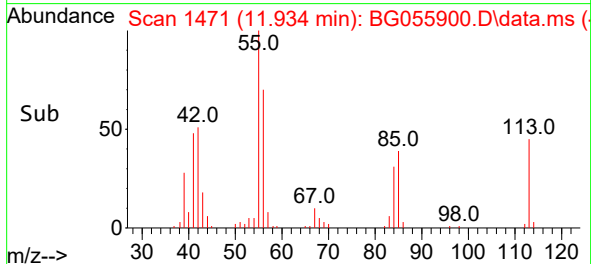
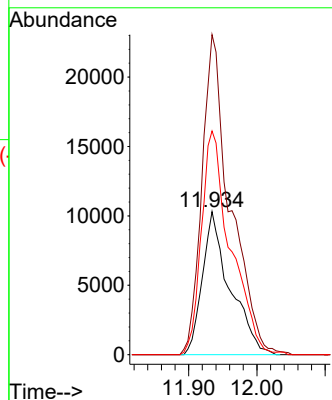
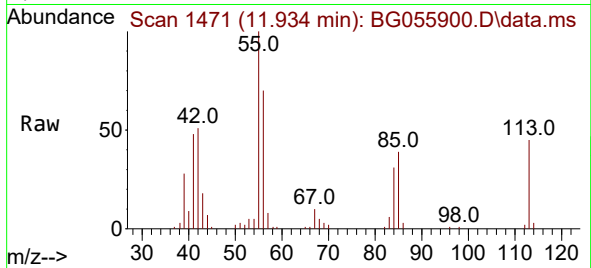




#35  
 Caprolactam  
 Concen: 39.432 ng  
 RT: 11.934 min Scan# 14  
 Delta R.T. 0.000 min  
 Lab File: BG055900.D  
 Acq: 6 Dec 2022 12:10

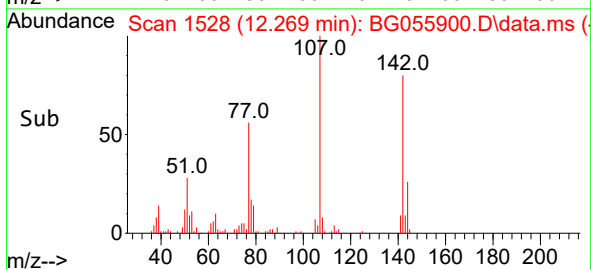
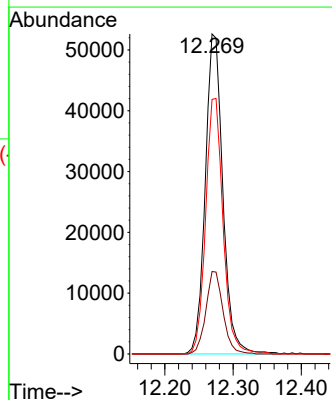
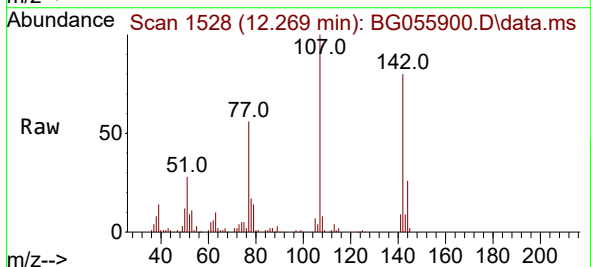
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

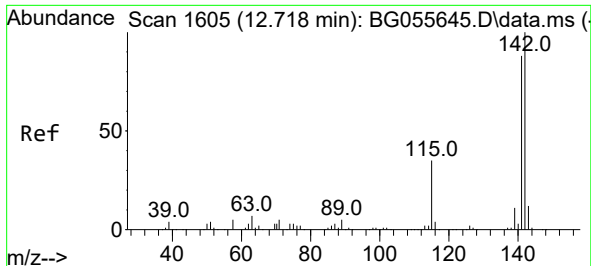
Tgt Ion:113 Resp: 28970  
 Ion Ratio Lower Upper  
 113 100  
 55 223.7 193.5 233.5  
 56 156.3 135.2 175.2



#36  
 4-Chloro-3-methylphenol  
 Concen: 40.414 ng  
 RT: 12.269 min Scan# 1528  
 Delta R.T. 0.000 min  
 Lab File: BG055900.D  
 Acq: 6 Dec 2022 12:10

Tgt Ion:107 Resp: 94303  
 Ion Ratio Lower Upper  
 107 100  
 144 25.8 21.0 31.4  
 142 79.5 65.9 98.9

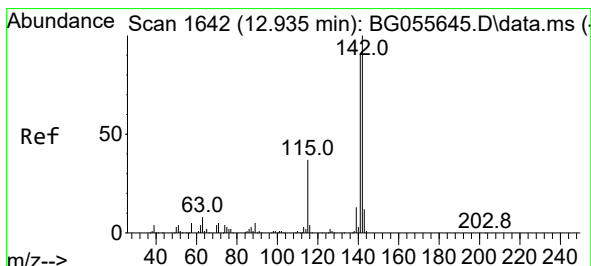
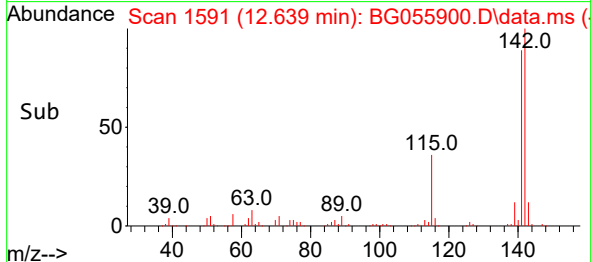
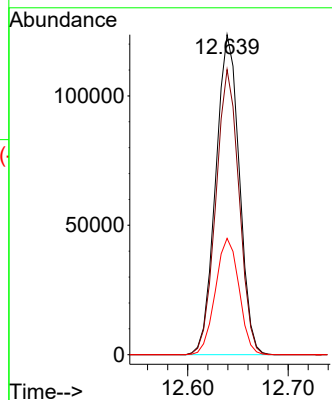
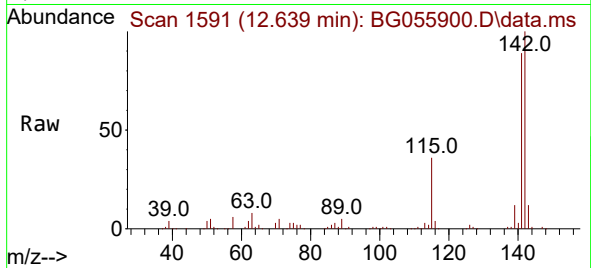




#37  
2-Methylnaphthalene  
Concen: 39.049 ng  
RT: 12.639 min Scan# 1591  
Delta R.T. 0.000 min  
Lab File: BG055900.D  
Acq: 6 Dec 2022 12:10

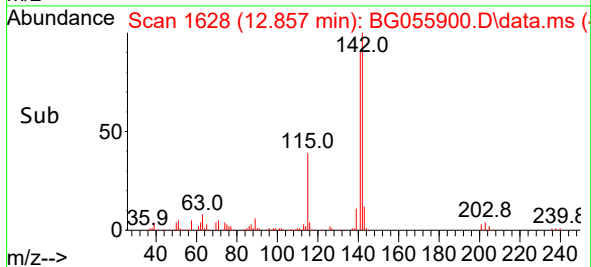
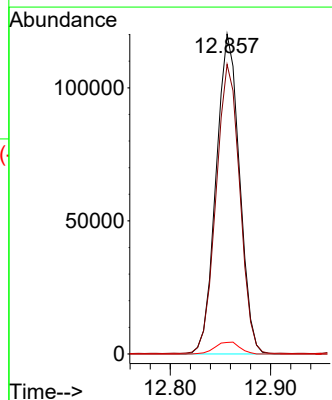
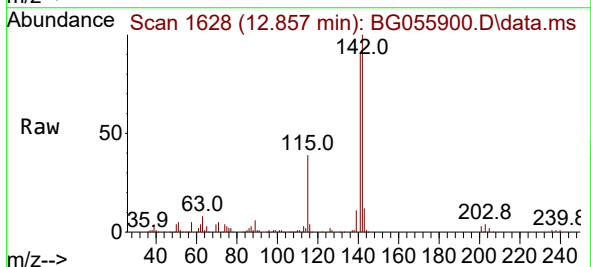
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

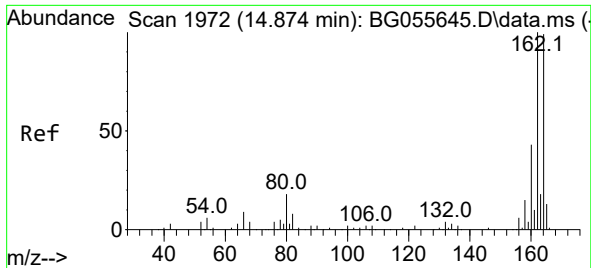
Tgt Ion:142 Resp: 201909  
Ion Ratio Lower Upper  
142 100  
141 89.1 70.3 105.5  
115 36.3 27.9 41.9



#38  
1-Methylnaphthalene  
Concen: 38.867 ng  
RT: 12.857 min Scan# 1628  
Delta R.T. 0.000 min  
Lab File: BG055900.D  
Acq: 6 Dec 2022 12:10

Tgt Ion:142 Resp: 195101  
Ion Ratio Lower Upper  
142 100  
141 90.5 73.0 109.4  
116 3.6 3.1 4.7

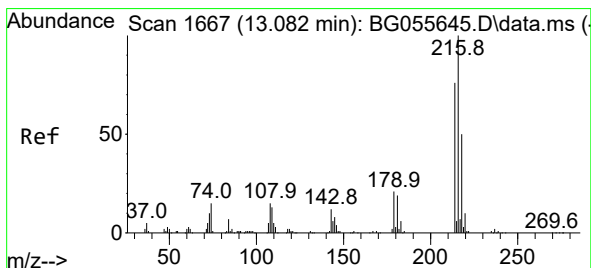
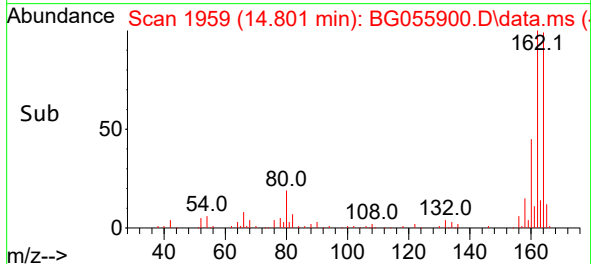
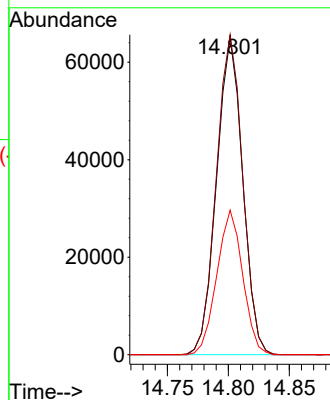
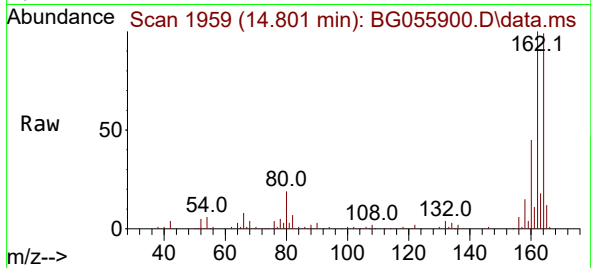




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.801 min Scan# 14  
Delta R.T. 0.000 min  
Lab File: BG055900.D  
Acq: 6 Dec 2022 12:10

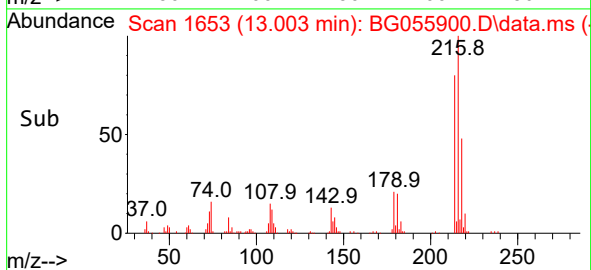
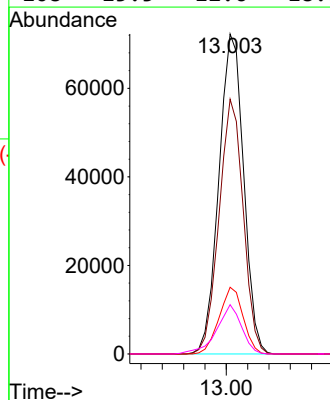
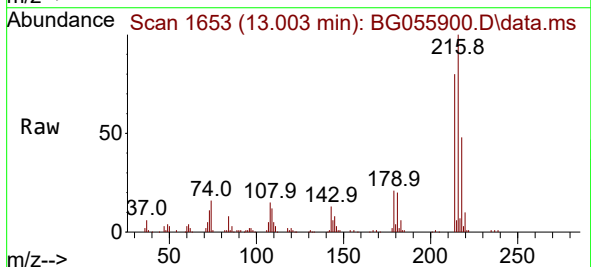
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

Tgt Ion:164 Resp: 96945  
Ion Ratio Lower Upper  
164 100  
162 100.9 81.1 121.7  
160 45.5 34.8 52.2



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 38.188 ng  
RT: 13.003 min Scan# 1653  
Delta R.T. 0.000 min  
Lab File: BG055900.D  
Acq: 6 Dec 2022 12:10

Tgt Ion:216 Resp: 116341  
Ion Ratio Lower Upper  
216 100  
214 77.6 62.1 93.1  
179 20.2 16.5 24.7  
108 15.5 12.6 18.8

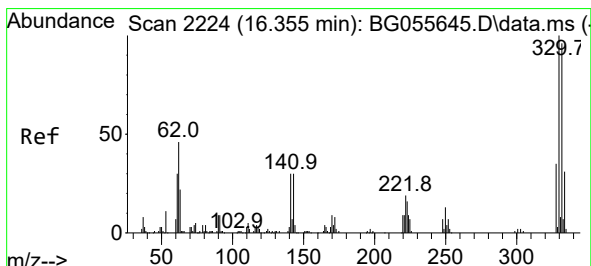
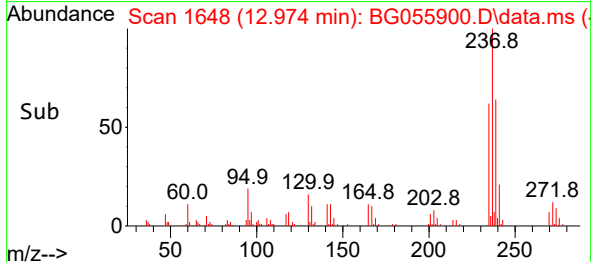
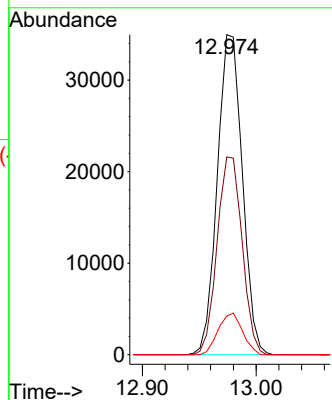
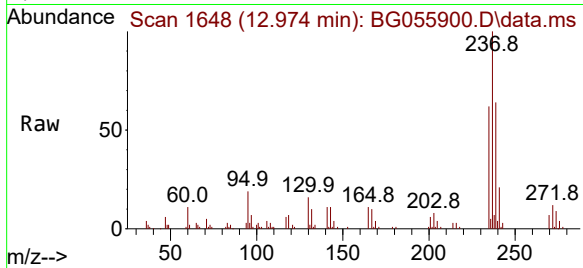




#41  
Hexachlorocyclopentadiene  
Concen: 34.862 ng  
RT: 12.974 min Scan# 1663  
Delta R.T. 0.000 min  
Lab File: BG055900.D  
Acq: 6 Dec 2022 12:10

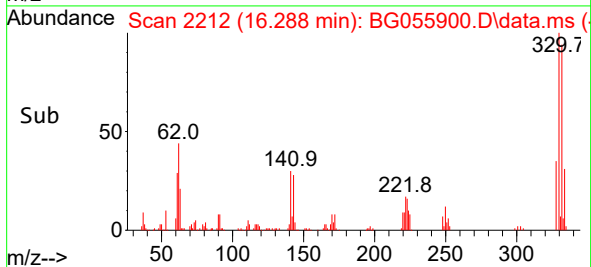
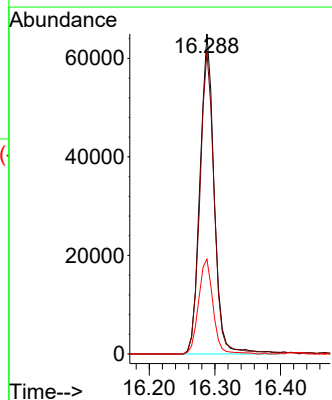
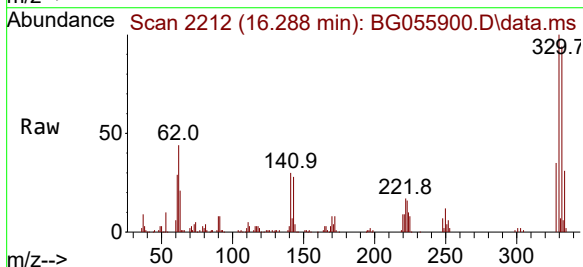
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

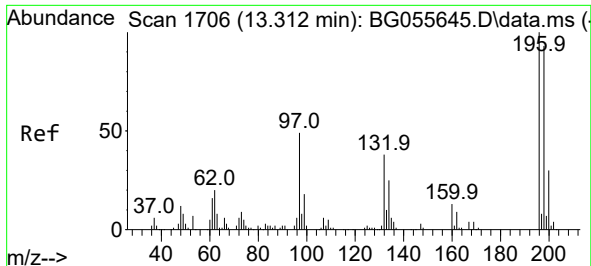
Tgt Ion:237 Resp: 53529  
Ion Ratio Lower Upper  
237 100  
235 61.8 43.7 83.7  
272 12.1 0.0 33.6



#42  
2,4,6-Tribromophenol  
Concen: 71.639 ng  
RT: 16.288 min Scan# 2212  
Delta R.T. 0.000 min  
Lab File: BG055900.D  
Acq: 6 Dec 2022 12:10

Tgt Ion:330 Resp: 97795  
Ion Ratio Lower Upper  
330 100  
332 95.4 77.8 116.8  
141 30.1 23.9 35.9





#43

2,4,6-Trichlorophenol

Concen: 35.977 ng

RT: 13.244 min Scan# 1

Delta R.T. 0.000 min

Lab File: BG055900.D

Acq: 6 Dec 2022 12:10

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

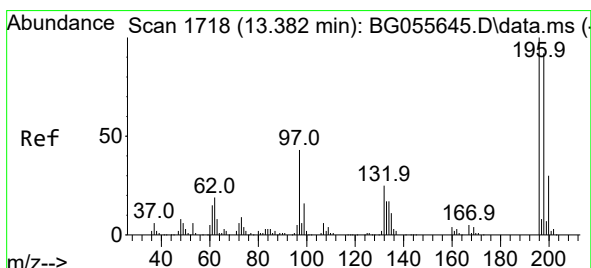
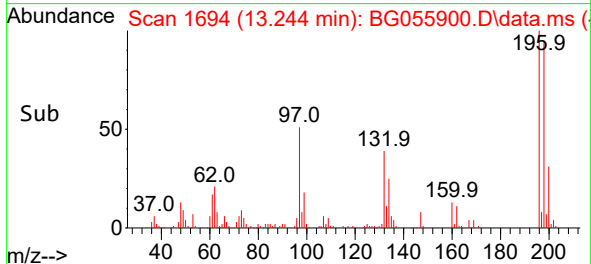
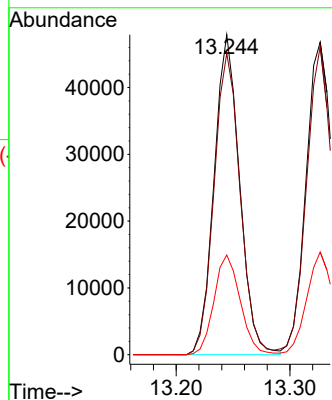
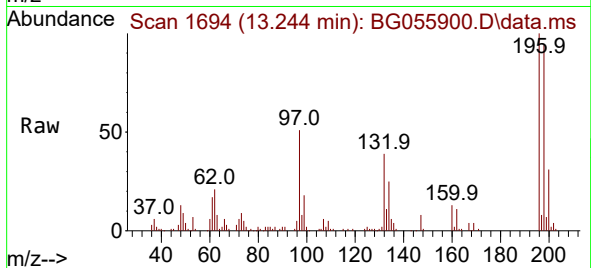
Tgt Ion:196 Resp: 74766

Ion Ratio Lower Upper

196 100

198 94.2 74.6 112.0

200 31.2 23.7 35.5



#44

2,4,5-Trichlorophenol

Concen: 35.369 ng

RT: 13.327 min Scan# 1708

Delta R.T. 0.000 min

Lab File: BG055900.D

Acq: 6 Dec 2022 12:10

Tgt Ion:196 Resp: 80775

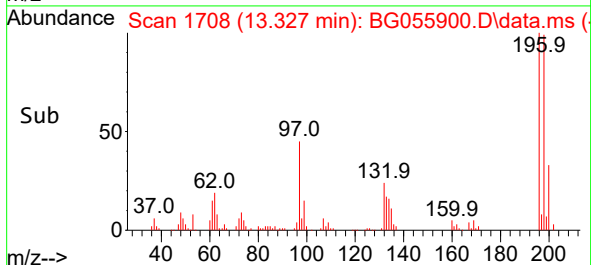
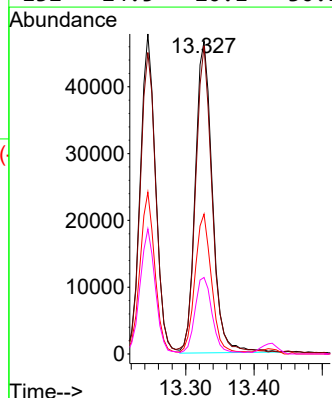
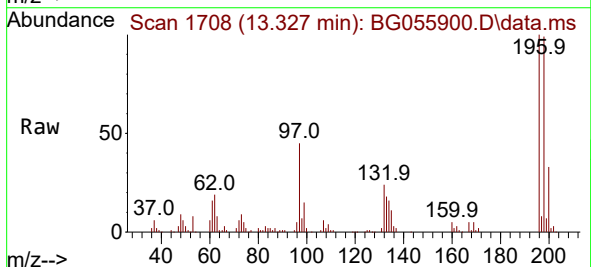
Ion Ratio Lower Upper

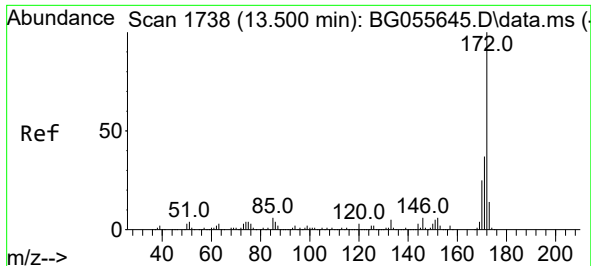
196 100

198 98.6 74.1 111.1

97 44.7 34.8 52.2

132 24.5 20.1 30.1

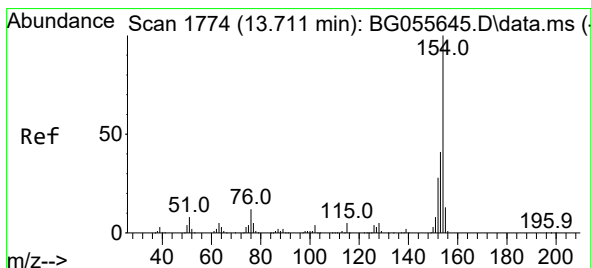
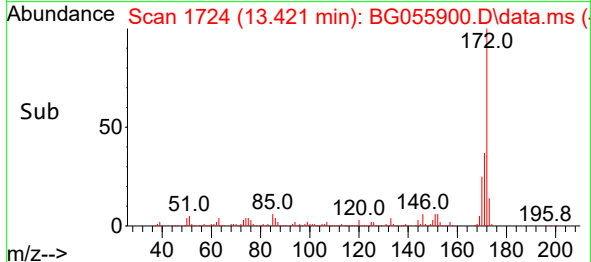
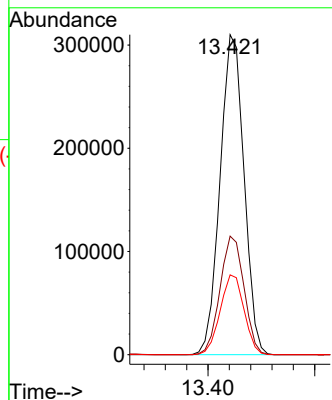
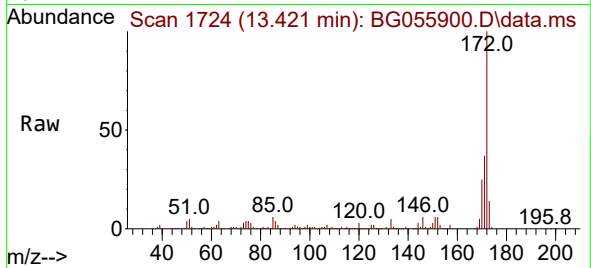




#45  
2-Fluorobiphenyl  
Concen: 74.734 ng  
RT: 13.421 min Scan# 1760  
Delta R.T. 0.000 min  
Lab File: BG055900.D  
Acq: 6 Dec 2022 12:10

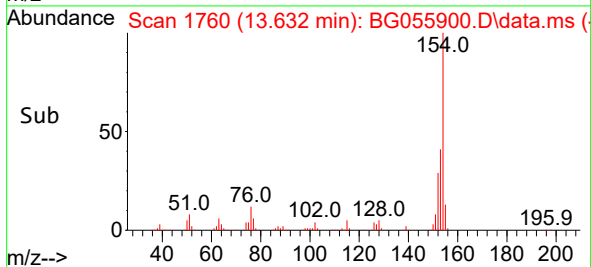
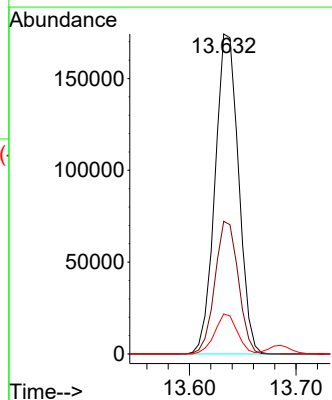
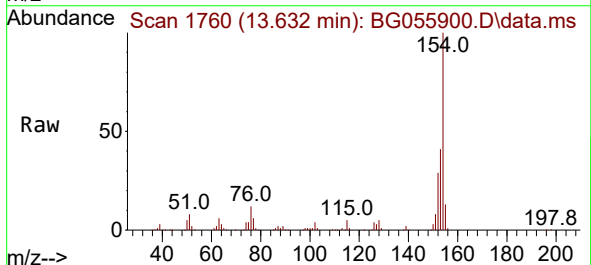
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

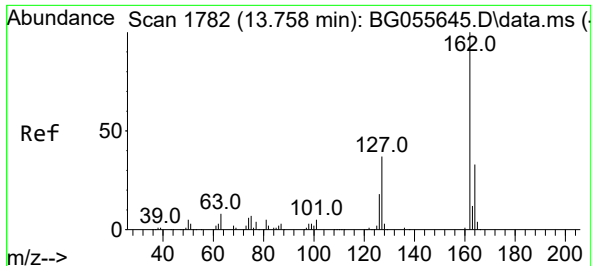
Tgt Ion:172 Resp: 483612  
Ion Ratio Lower Upper  
172 100  
171 37.1 29.8 44.6  
170 25.0 20.2 30.4



#46  
1,1'-Biphenyl  
Concen: 37.748 ng  
RT: 13.632 min Scan# 1760  
Delta R.T. 0.000 min  
Lab File: BG055900.D  
Acq: 6 Dec 2022 12:10

Tgt Ion:154 Resp: 266674  
Ion Ratio Lower Upper  
154 100  
153 41.4 20.6 60.6  
76 12.5 0.0 32.4

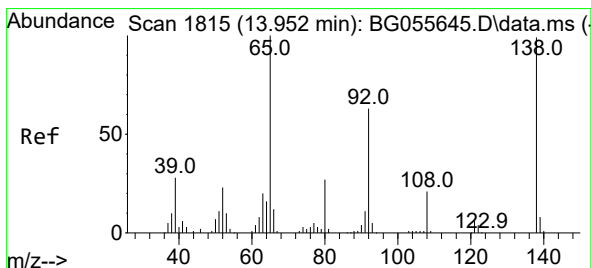
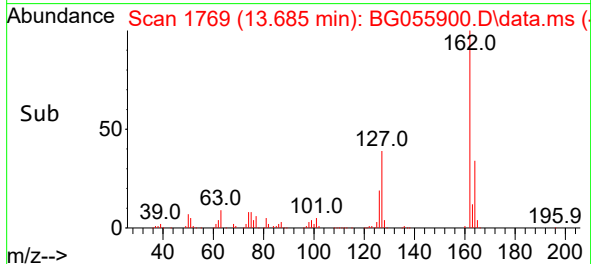
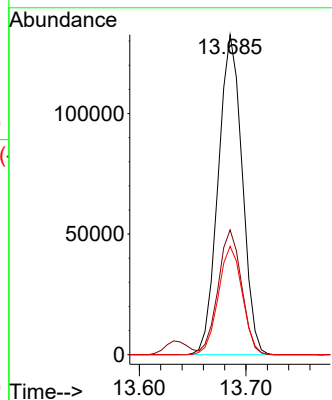
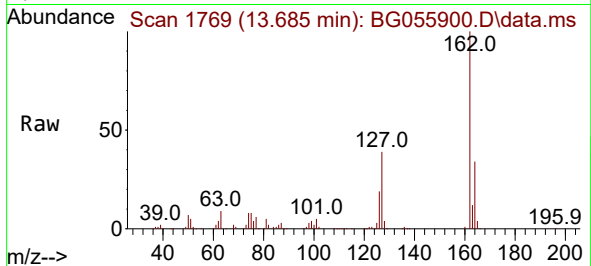




#47  
2-Chloronaphthalene  
Concen: 37.689 ng  
RT: 13.685 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BG055900.D  
Acq: 6 Dec 2022 12:10

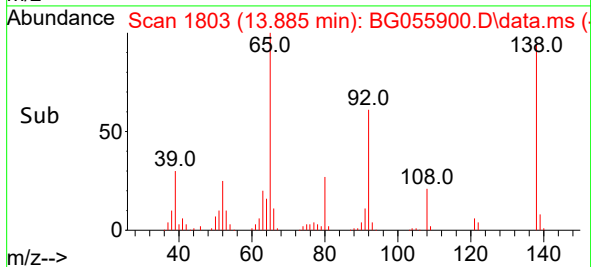
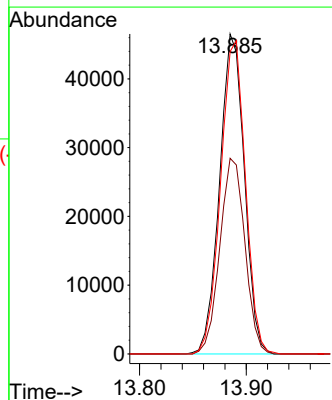
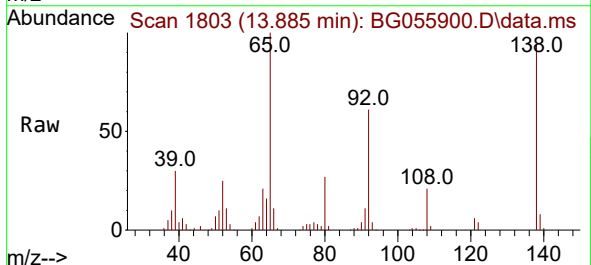
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

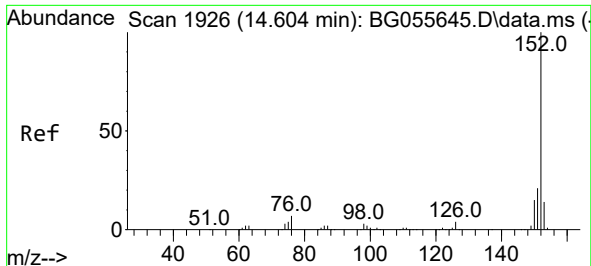
Tgt Ion:162 Resp: 206954  
Ion Ratio Lower Upper  
162 100  
127 39.0 29.9 44.9  
164 33.9 26.4 39.6



#48  
2-Nitroaniline  
Concen: 41.440 ng  
RT: 13.885 min Scan# 1803  
Delta R.T. 0.000 min  
Lab File: BG055900.D  
Acq: 6 Dec 2022 12:10

Tgt Ion: 65 Resp: 74813  
Ion Ratio Lower Upper  
65 100  
92 61.1 50.1 75.1  
138 94.5 79.4 119.0

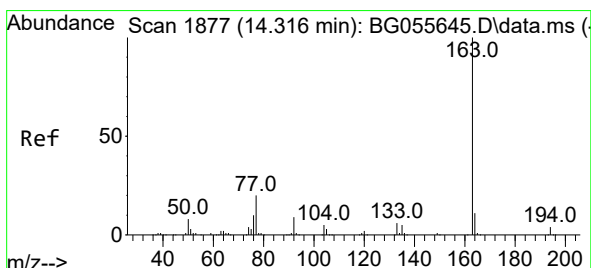
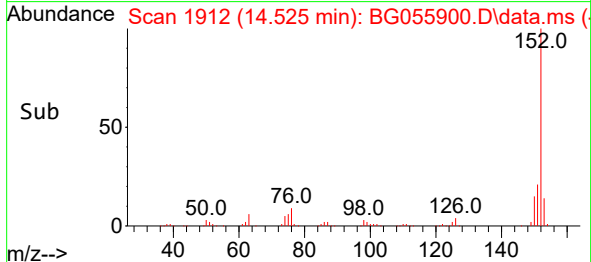
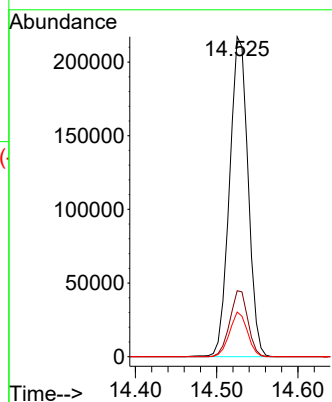
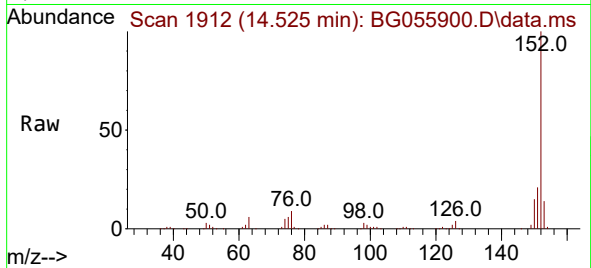




#49  
Acenaphthylene  
Concen: 37.997 ng  
RT: 14.525 min Scan# 1926  
Delta R.T. 0.000 min  
Lab File: BG055900.D  
Acq: 6 Dec 2022 12:10

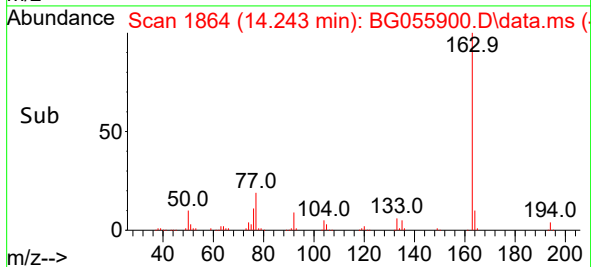
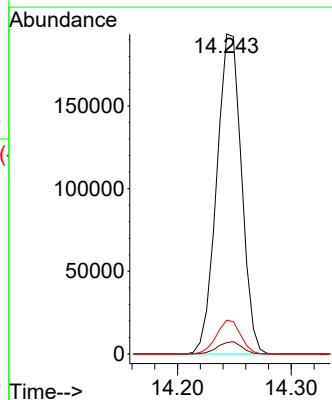
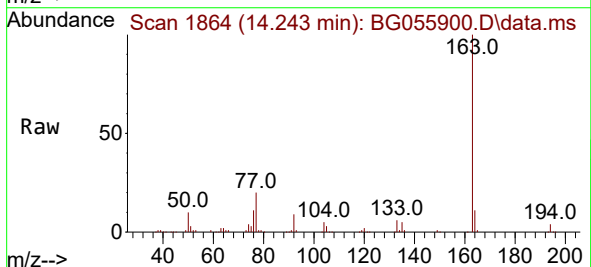
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

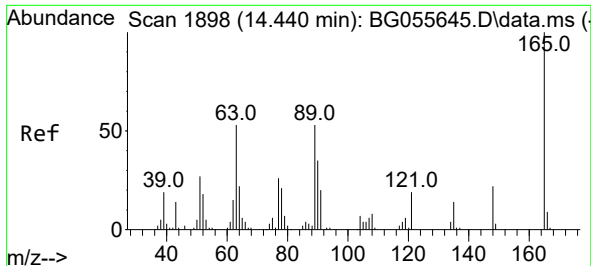
Tgt Ion:152 Resp: 343579  
Ion Ratio Lower Upper  
152 100  
151 20.6 16.4 24.6  
153 13.9 11.0 16.4



#50  
Dimethylphthalate  
Concen: 37.985 ng  
RT: 14.243 min Scan# 1864  
Delta R.T. 0.000 min  
Lab File: BG055900.D  
Acq: 6 Dec 2022 12:10

Tgt Ion:163 Resp: 293551  
Ion Ratio Lower Upper  
163 100  
194 3.6 3.0 4.4  
164 10.5 8.6 12.8

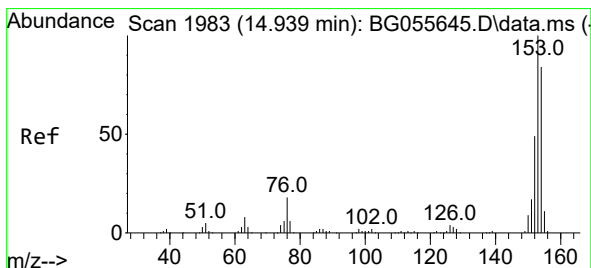
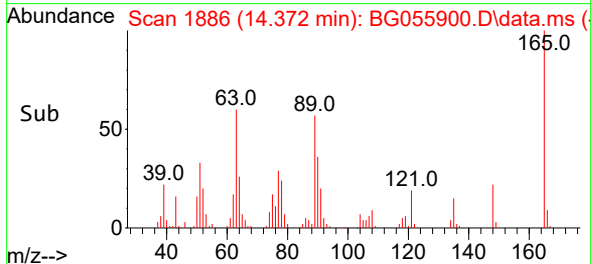
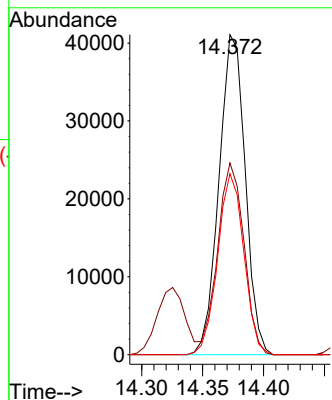
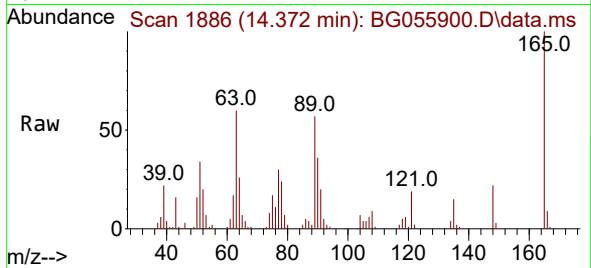




#51  
2,6-Dinitrotoluene  
Concen: 38.967 ng  
RT: 14.372 min Scan# 1886  
Delta R.T. 0.000 min  
Lab File: BG055900.D  
Acq: 6 Dec 2022 12:10

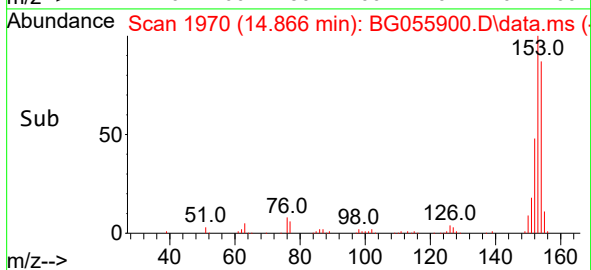
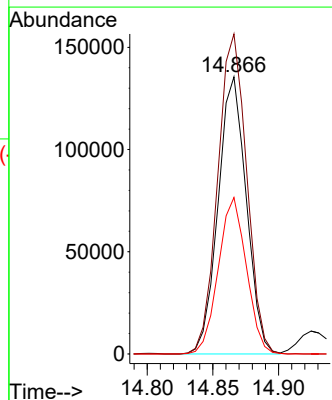
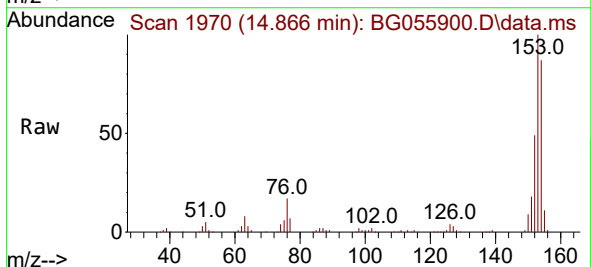
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

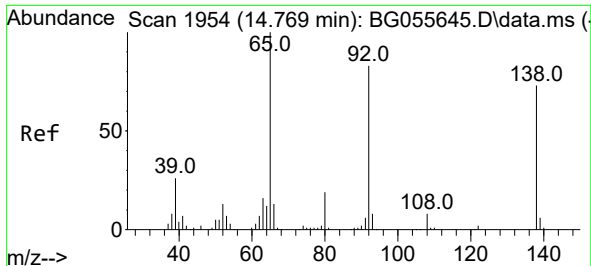
Tgt Ion:165 Resp: 61573  
Ion Ratio Lower Upper  
165 100  
63 59.9 44.6 66.8  
89 56.6 42.2 63.4



#52  
Acenaphthene  
Concen: 34.297 ng  
RT: 14.866 min Scan# 1970  
Delta R.T. 0.000 min  
Lab File: BG055900.D  
Acq: 6 Dec 2022 12:10

Tgt Ion:154 Resp: 202681  
Ion Ratio Lower Upper  
154 100  
153 115.5 95.0 142.4  
152 56.5 46.1 69.1

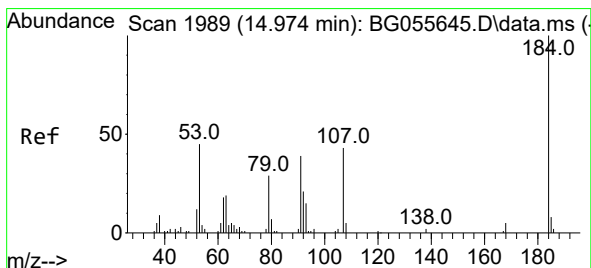
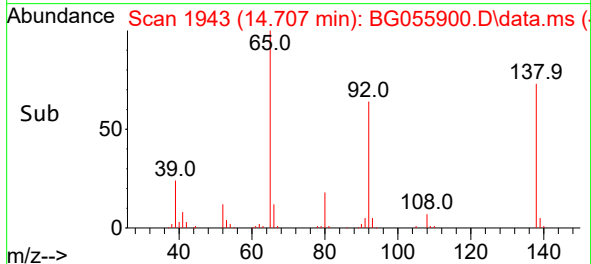
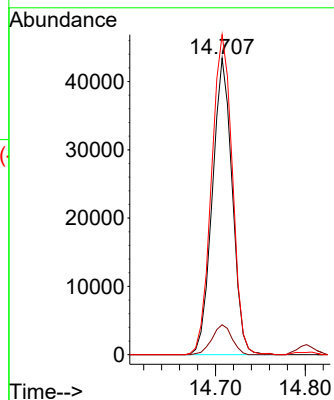
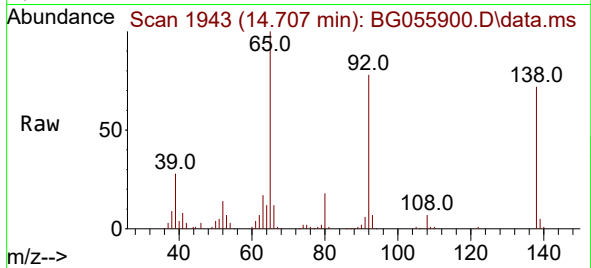




#53  
3-Nitroaniline  
Concen: 38.424 ng  
RT: 14.707 min Scan# 1943  
Delta R.T. 0.000 min  
Lab File: BG055900.D  
Acq: 6 Dec 2022 12:10

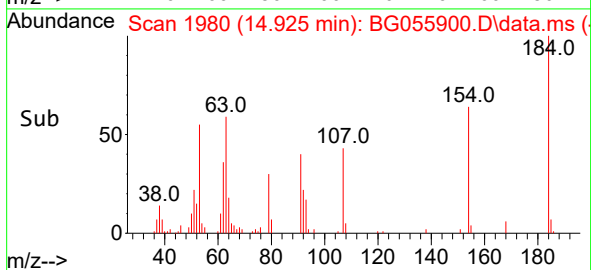
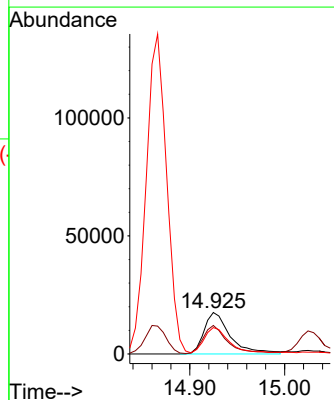
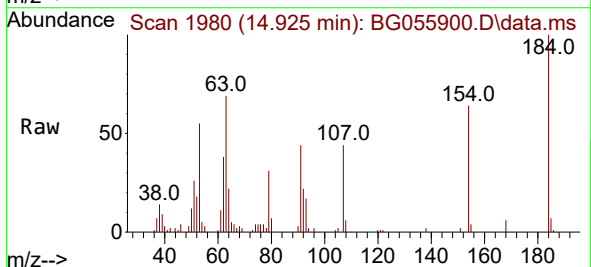
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

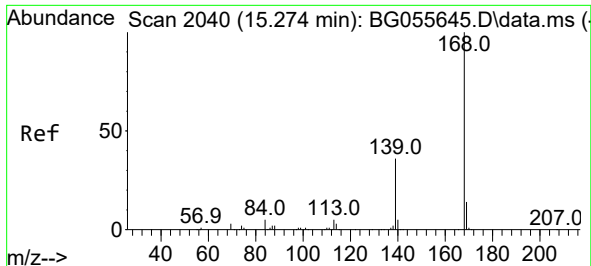
Tgt Ion:138 Resp: 66652  
Ion Ratio Lower Upper  
138 100  
108 10.1 8.5 12.7  
92 107.9 91.0 136.6



#54  
2,4-Dinitrophenol  
Concen: 37.269 ng  
RT: 14.925 min Scan# 1980  
Delta R.T. 0.000 min  
Lab File: BG055900.D  
Acq: 6 Dec 2022 12:10

Tgt Ion:184 Resp: 33860  
Ion Ratio Lower Upper  
184 100  
63 68.9 49.5 74.3  
154 63.6 52.0 78.0

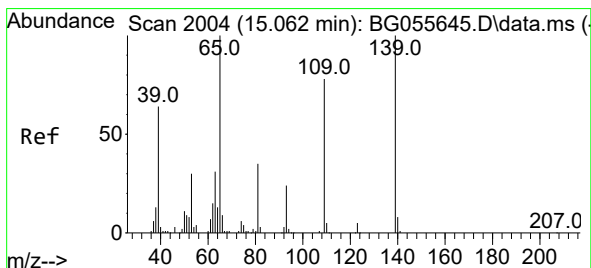
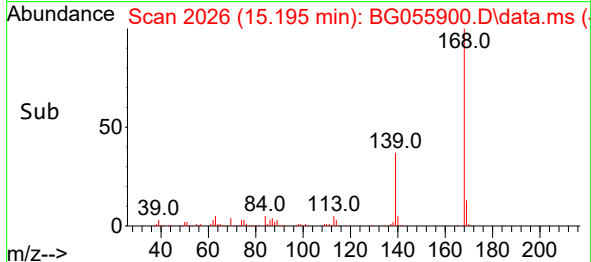
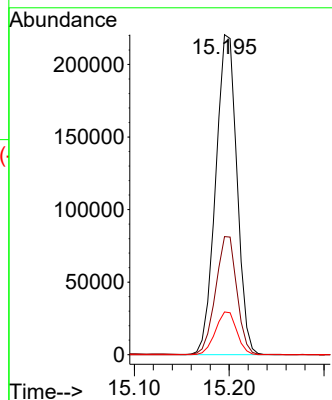
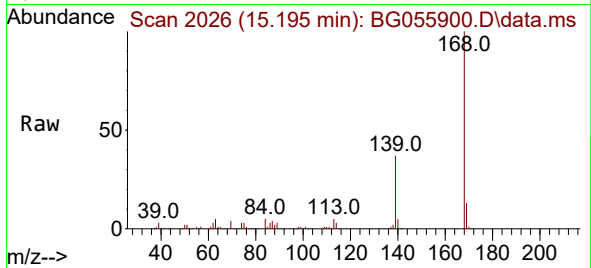




#55  
Dibenzenofuran  
Concen: 37.700 ng  
RT: 15.195 min Scan# 2040  
Delta R.T. 0.000 min  
Lab File: BG055900.D  
Acq: 6 Dec 2022 12:10

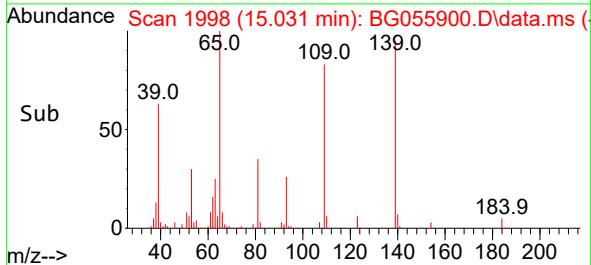
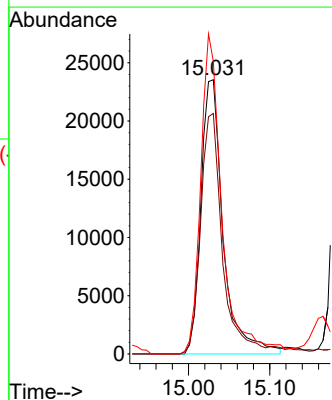
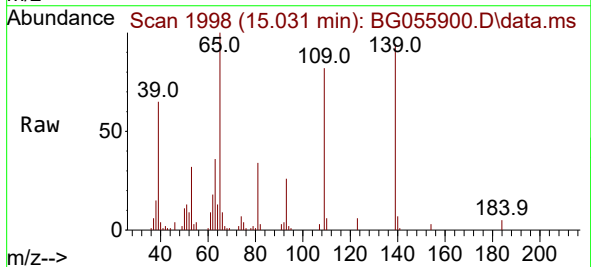
Instrument :  
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ClientSampleId :  
SSTDCCC040

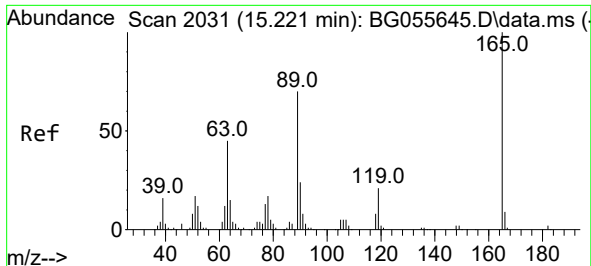
Tgt Ion:168 Resp: 343703  
Ion Ratio Lower Upper  
168 100  
139 36.9 28.8 43.2  
169 13.4 11.0 16.4



#56  
4-Nitrophenol  
Concen: 32.814 ng  
RT: 15.031 min Scan# 1998  
Delta R.T. 0.000 min  
Lab File: BG055900.D  
Acq: 6 Dec 2022 12:10

Tgt Ion:139 Resp: 44674  
Ion Ratio Lower Upper  
139 100  
109 87.7 58.6 98.6  
65 106.7 80.5 120.5





#57

2,4-Dinitrotoluene

Concen: 39.489 ng

RT: 15.166 min Scan# 2031

Delta R.T. 0.000 min

Lab File: BG055900.D

Acq: 6 Dec 2022 12:10

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

Tgt Ion:165 Resp: 87975

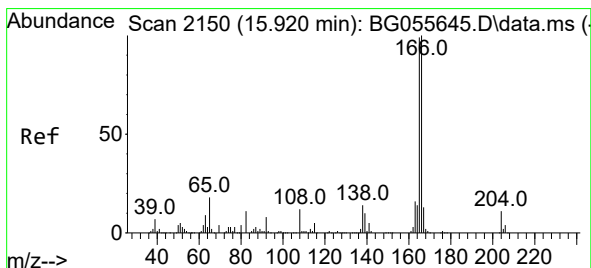
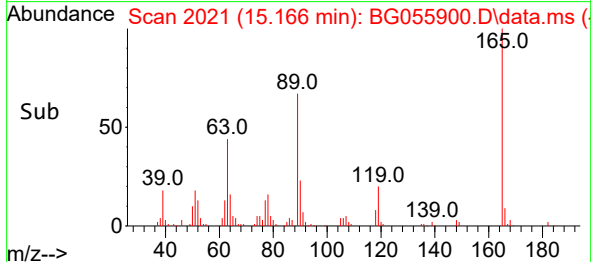
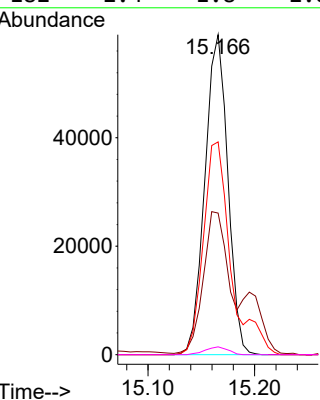
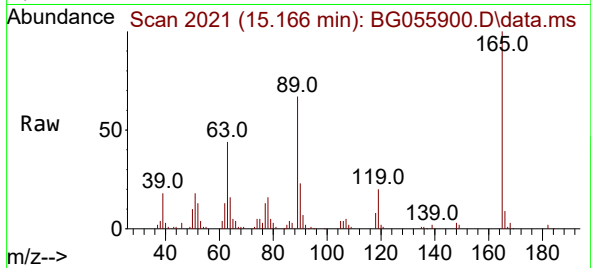
Ion Ratio Lower Upper

165 100

63 44.3 35.8 53.8

89 66.5 56.2 84.4

182 2.4 1.8 2.8



#58

Fluorene

Concen: 37.745 ng

RT: 15.847 min Scan# 2137

Delta R.T. 0.000 min

Lab File: BG055900.D

Acq: 6 Dec 2022 12:10

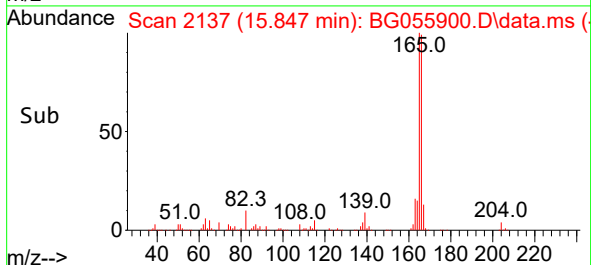
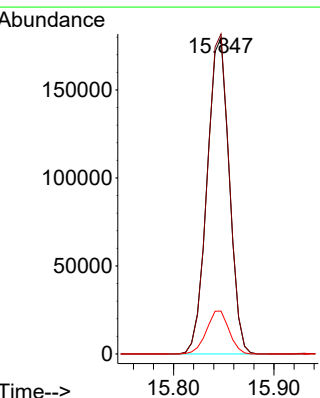
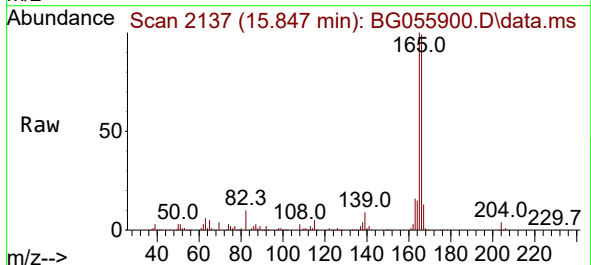
Tgt Ion:166 Resp: 274836

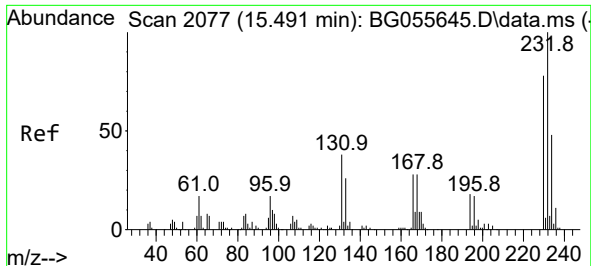
Ion Ratio Lower Upper

166 100

165 101.2 79.3 118.9

167 13.5 10.6 15.8

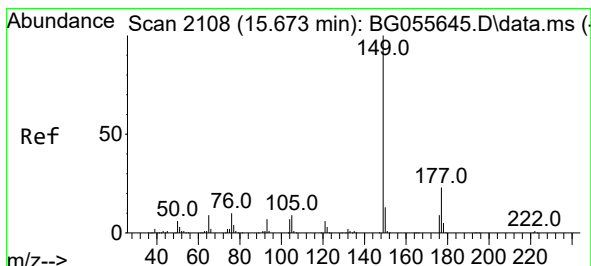
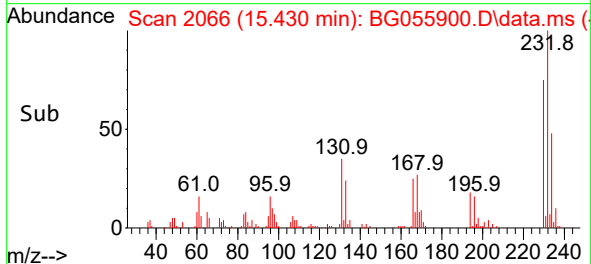
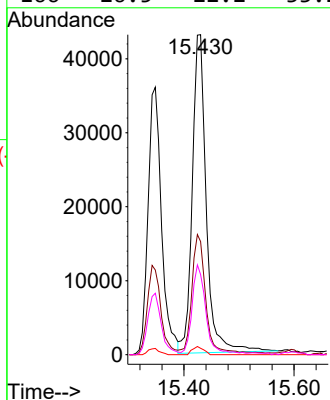
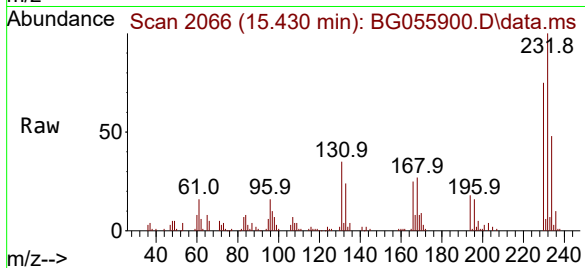




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 34.392 ng  
RT: 15.430 min Scan# 2066  
Delta R.T. 0.000 min  
Lab File: BG055900.D  
Acq: 6 Dec 2022 12:10

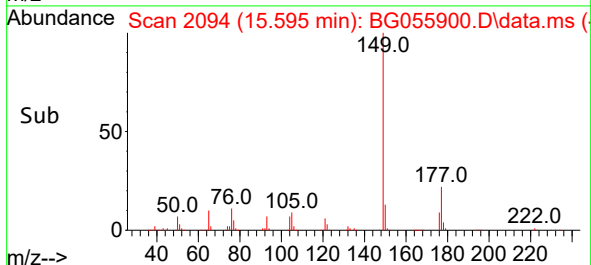
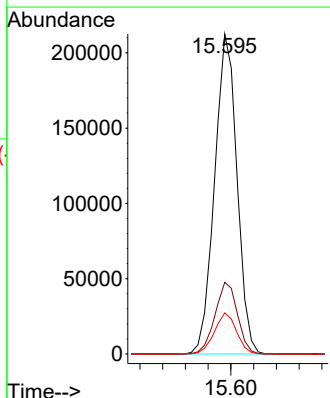
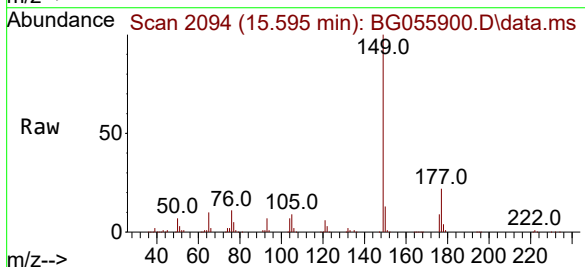
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

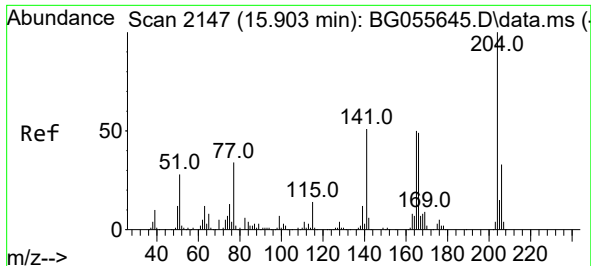
Tgt Ion:232 Resp: 76106  
Ion Ratio Lower Upper  
232 100  
131 38.9 29.8 44.8  
130 2.0 1.7 2.5  
166 26.5 22.2 33.2



#60  
Diethylphthalate  
Concen: 37.147 ng  
RT: 15.595 min Scan# 2094  
Delta R.T. 0.000 min  
Lab File: BG055900.D  
Acq: 6 Dec 2022 12:10

Tgt Ion:149 Resp: 290238  
Ion Ratio Lower Upper  
149 100  
177 22.4 18.3 27.5  
150 12.8 10.0 15.0

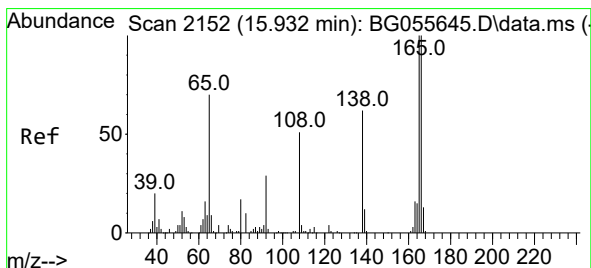
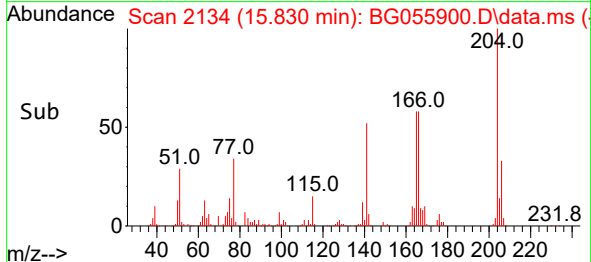
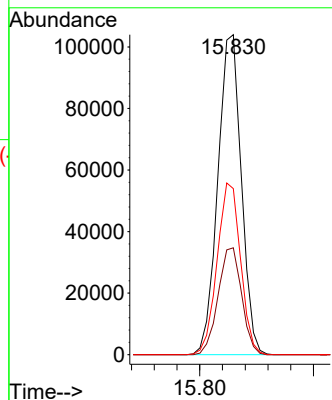
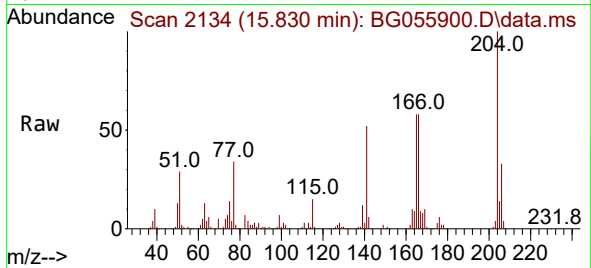




#61  
4-Chlorophenyl-phenylether  
Concen: 37.298 ng  
RT: 15.830 min Scan# 2141  
Delta R.T. 0.000 min  
Lab File: BG055900.D  
Acq: 6 Dec 2022 12:10

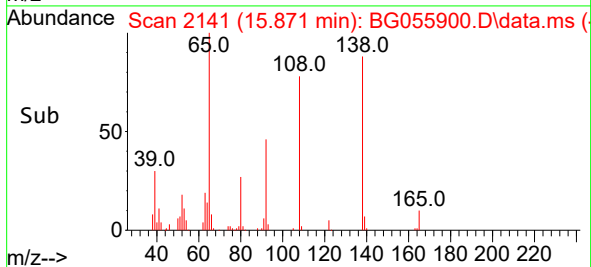
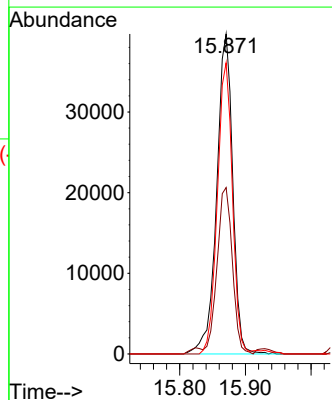
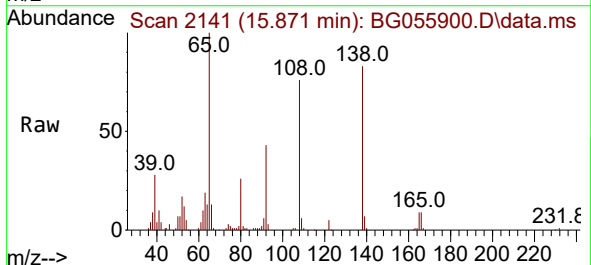
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

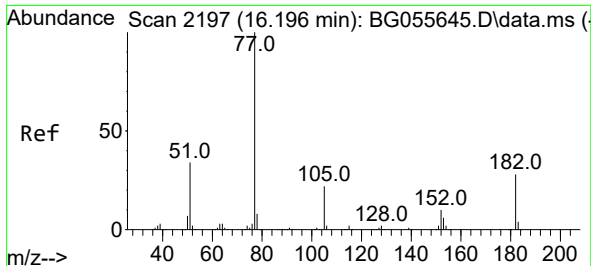
Tgt Ion:204 Resp: 149288  
Ion Ratio Lower Upper  
204 100  
206 33.4 26.6 40.0  
141 51.9 40.6 61.0



#62  
4-Nitroaniline  
Concen: 37.153 ng  
RT: 15.871 min Scan# 2141  
Delta R.T. 0.000 min  
Lab File: BG055900.D  
Acq: 6 Dec 2022 12:10

Tgt Ion:138 Resp: 67368  
Ion Ratio Lower Upper  
138 100  
92 52.0 27.3 67.3  
108 91.0 62.8 102.8

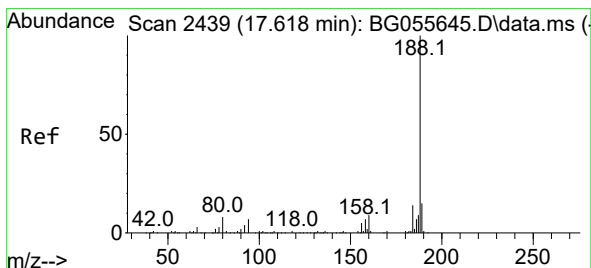
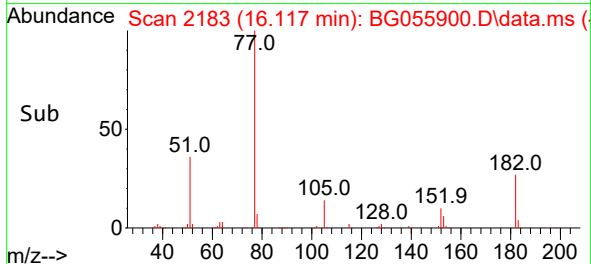
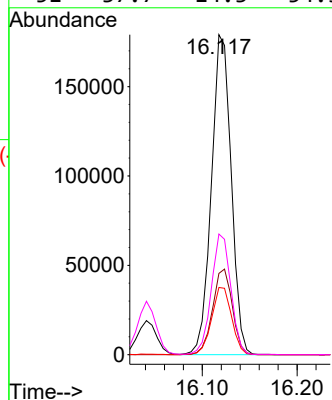
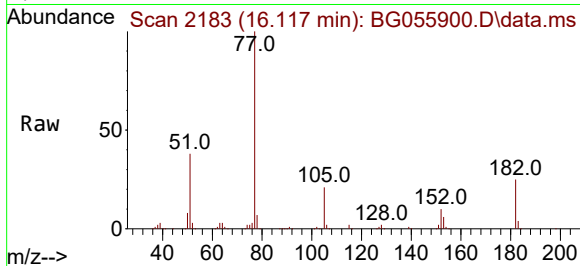




#63  
Azobenzene  
Concen: 38.028 ng  
RT: 16.117 min Scan# 2197  
Delta R.T. 0.000 min  
Lab File: BG055900.D  
Acq: 6 Dec 2022 12:10

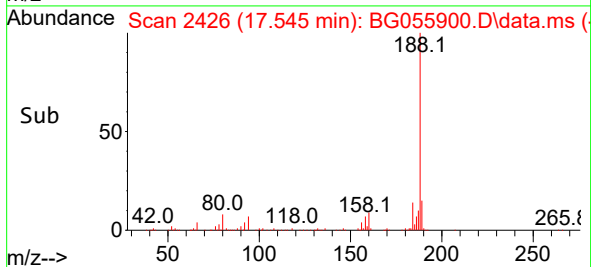
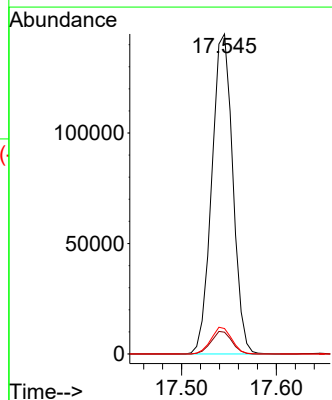
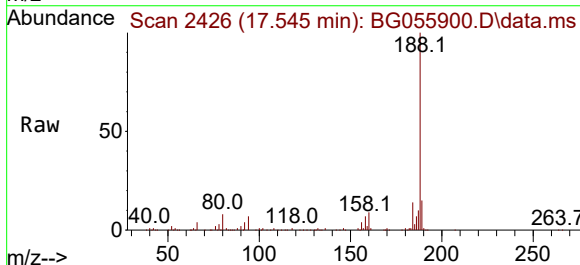
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

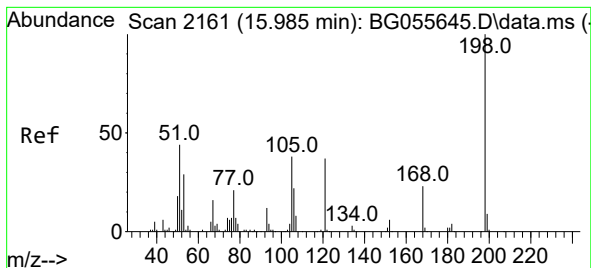
Tgt Ion: 77 Resp: 259399  
Ion Ratio Lower Upper  
77 100  
182 25.4 8.1 48.1  
105 21.0 1.8 41.8  
51 37.7 14.3 54.3



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.545 min Scan# 2426  
Delta R.T. 0.000 min  
Lab File: BG055900.D  
Acq: 6 Dec 2022 12:10

Tgt Ion:188 Resp: 222585  
Ion Ratio Lower Upper  
188 100  
94 6.8 5.4 8.2  
80 8.0 6.6 10.0

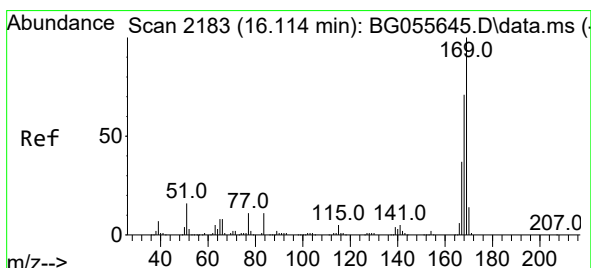
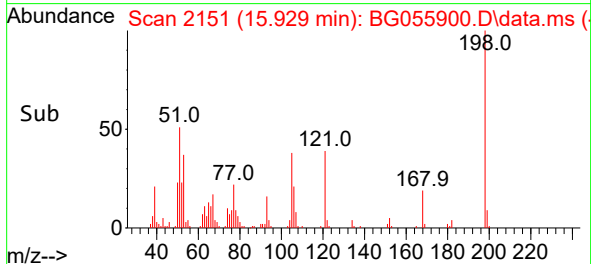
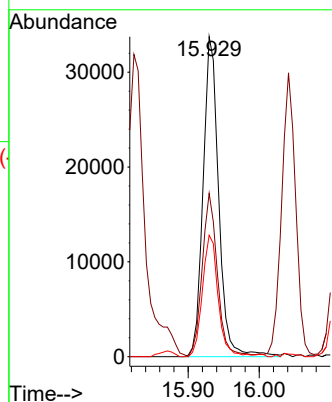
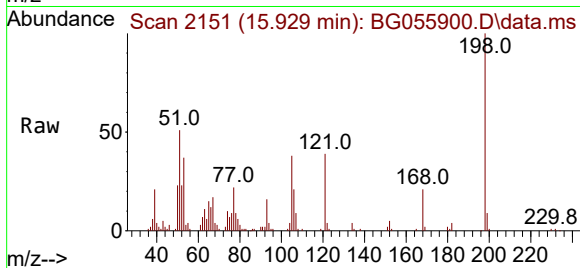




#65  
4,6-Dinitro-2-methylphenol  
Concen: 41.540 ng  
RT: 15.929 min Scan# 2161  
Delta R.T. 0.000 min  
Lab File: BG055900.D  
Acq: 6 Dec 2022 12:10

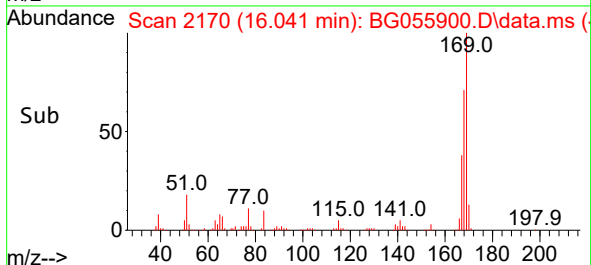
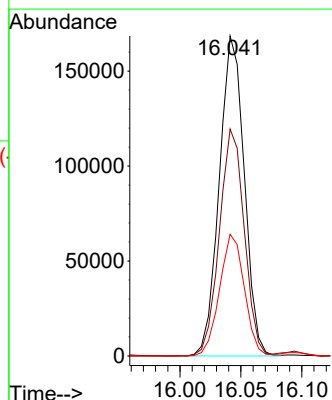
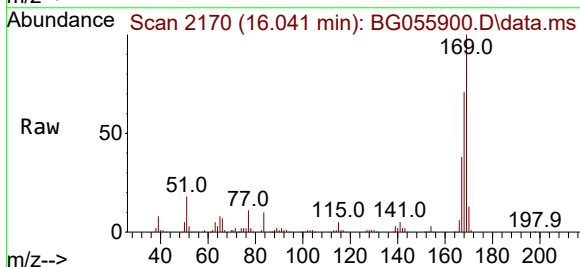
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

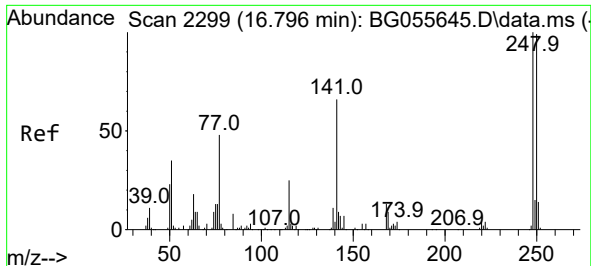
Tgt Ion:198 Resp: 51630  
Ion Ratio Lower Upper  
198 100  
51 51.0 27.7 67.7  
105 37.9 19.3 59.3



#66  
n-Nitrosodiphenylamine  
Concen: 39.151 ng  
RT: 16.041 min Scan# 2170  
Delta R.T. 0.000 min  
Lab File: BG055900.D  
Acq: 6 Dec 2022 12:10

Tgt Ion:169 Resp: 240162  
Ion Ratio Lower Upper  
169 100  
168 70.9 56.6 85.0  
167 38.1 29.9 44.9

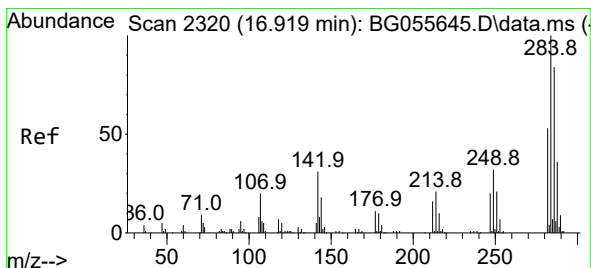
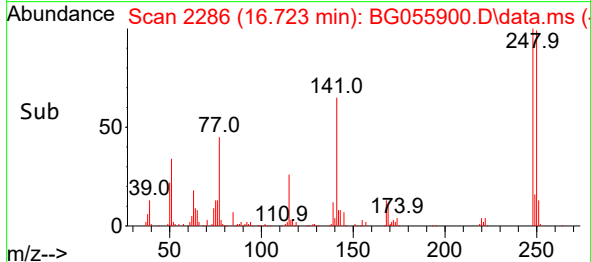
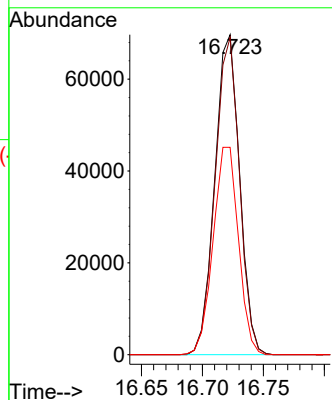
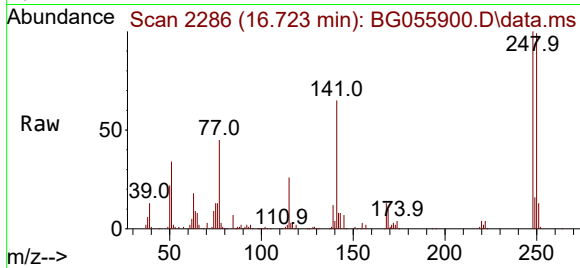




#67  
4-Bromophenyl-phenylether  
Concen: 39.018 ng  
RT: 16.723 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: BG055900.D  
Acq: 6 Dec 2022 12:10

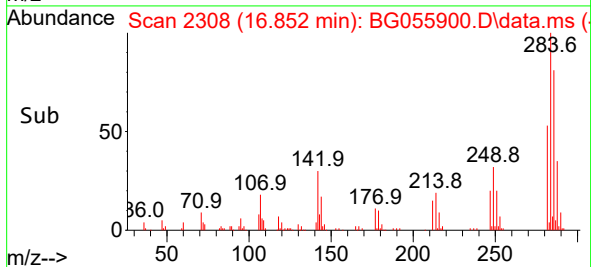
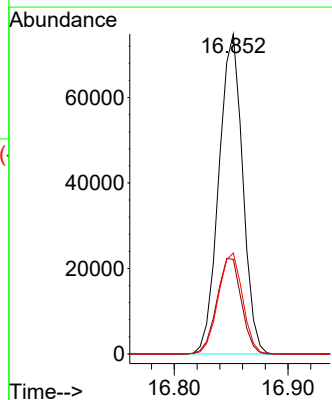
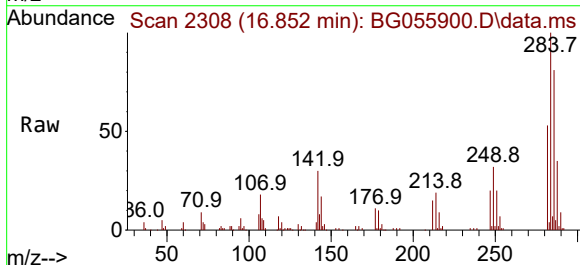
Instrument :  
BNA\_G  
ClientSampleId :  
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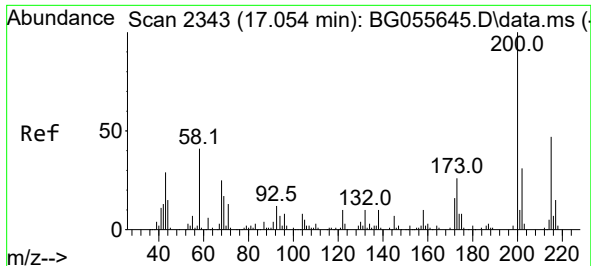
Tgt Ion:248 Resp: 98953  
Ion Ratio Lower Upper  
248 100  
250 99.1 79.0 118.4  
141 64.8 52.9 79.3



#68  
Hexachlorobenzene  
Concen: 38.690 ng  
RT: 16.852 min Scan# 2308  
Delta R.T. 0.000 min  
Lab File: BG055900.D  
Acq: 6 Dec 2022 12:10

Tgt Ion:284 Resp: 108800  
Ion Ratio Lower Upper  
284 100  
142 29.5 24.8 37.2  
249 31.5 25.7 38.5

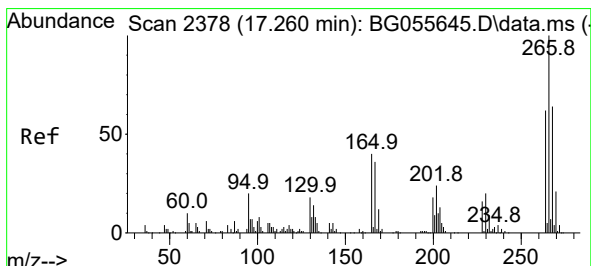
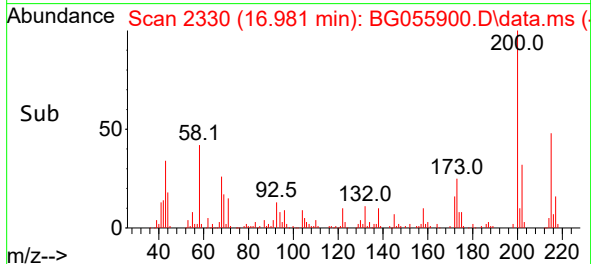
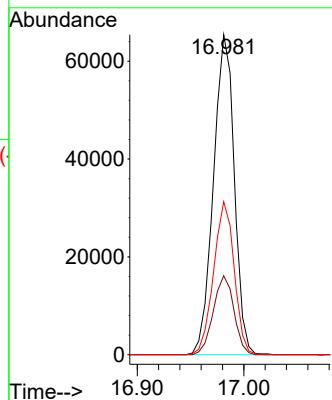
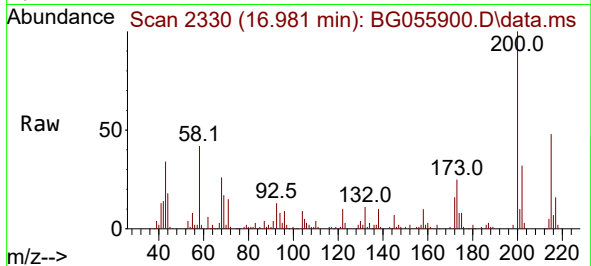




#69  
 Atrazine  
 Concen: 36.544 ng  
 RT: 16.981 min Scan# 21  
 Delta R.T. 0.000 min  
 Lab File: BG055900.D  
 Acq: 6 Dec 2022 12:10

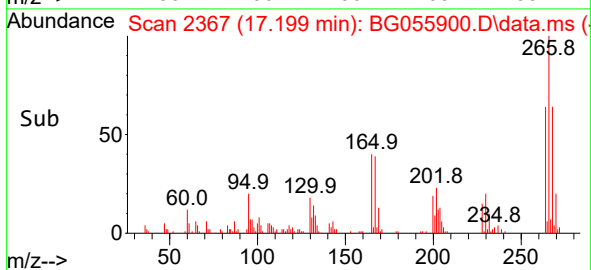
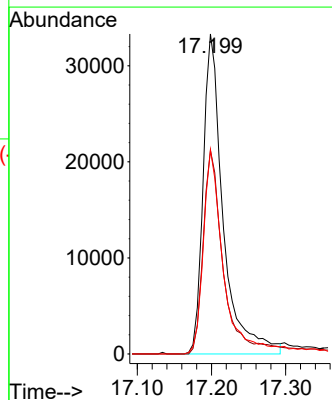
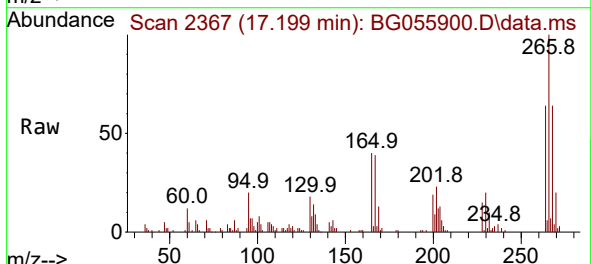
Instrument :  
 BNA\_G  
 ClientSampleId :  
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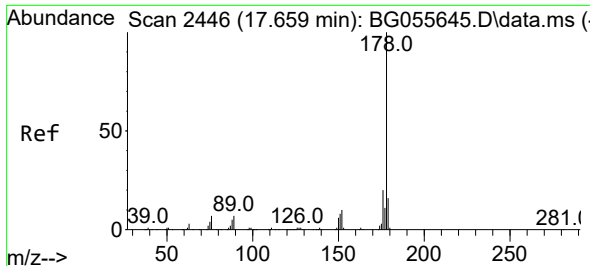
Tgt Ion:200 Resp: 88658  
 Ion Ratio Lower Upper  
 200 100  
 173 24.7 5.6 45.6  
 215 47.8 27.2 67.2



#70  
 Pentachlorophenol  
 Concen: 36.486 ng  
 RT: 17.199 min Scan# 2367  
 Delta R.T. 0.000 min  
 Lab File: BG055900.D  
 Acq: 6 Dec 2022 12:10

Tgt Ion:266 Resp: 62765  
 Ion Ratio Lower Upper  
 266 100  
 268 63.6 51.2 76.8  
 264 63.9 49.5 74.3

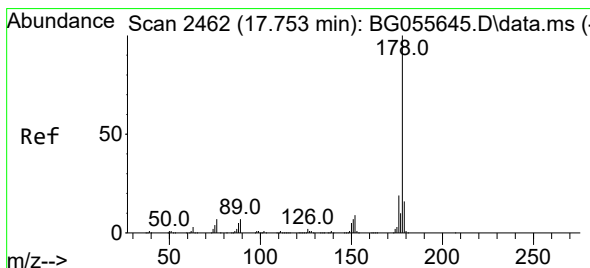
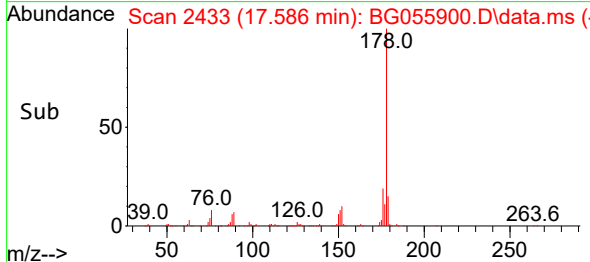
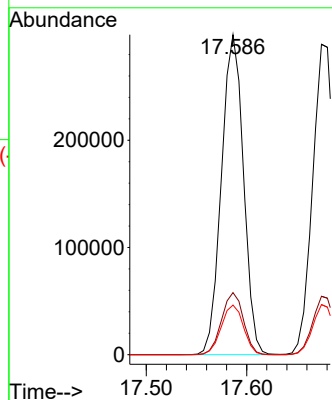
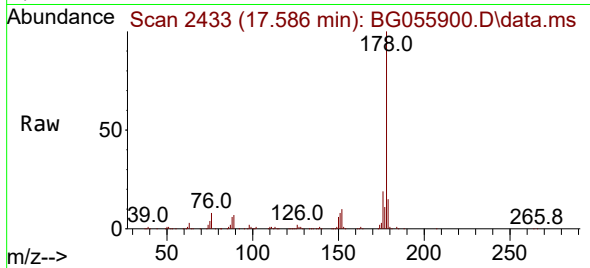




#71  
Phenanthrene  
Concen: 37.803 ng  
RT: 17.586 min Scan# 2443  
Delta R.T. 0.000 min  
Lab File: BG055900.D  
Acq: 6 Dec 2022 12:10

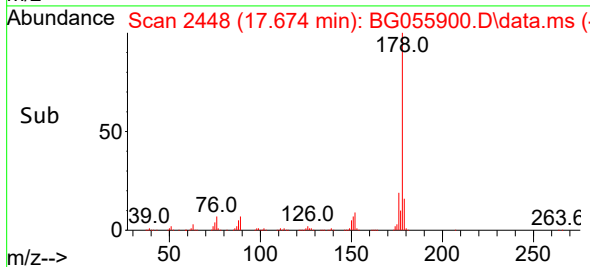
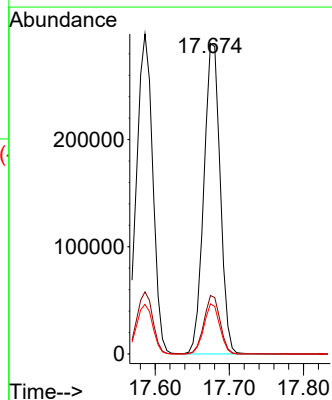
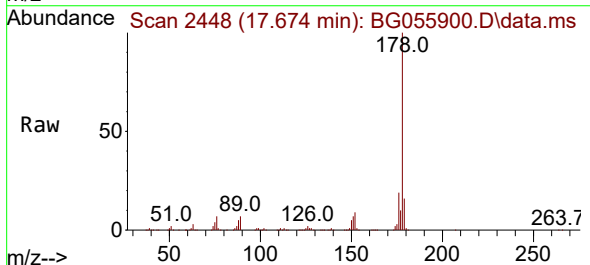
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ClientSampleId :  
SSTDCCC040

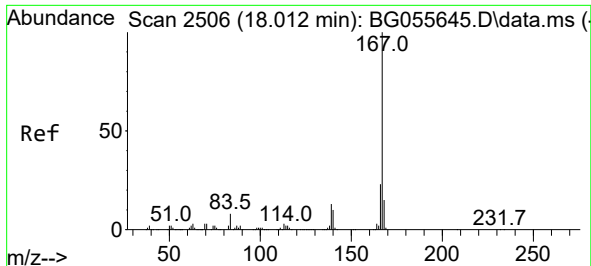
Tgt Ion:178 Resp: 454077  
Ion Ratio Lower Upper  
178 100  
176 19.4 16.0 24.0  
179 15.5 12.7 19.1



#72  
Anthracene  
Concen: 38.080 ng  
RT: 17.674 min Scan# 2448  
Delta R.T. 0.000 min  
Lab File: BG055900.D  
Acq: 6 Dec 2022 12:10

Tgt Ion:178 Resp: 444418  
Ion Ratio Lower Upper  
178 100  
176 18.8 15.5 23.3  
179 16.1 12.5 18.7

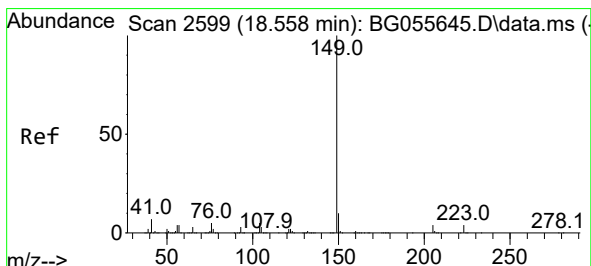
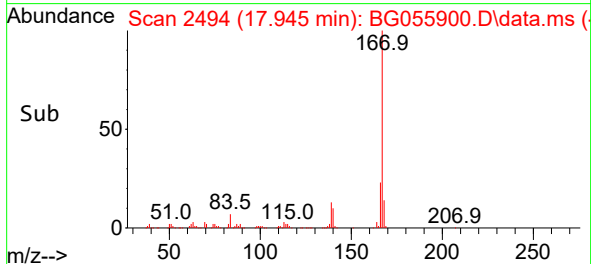
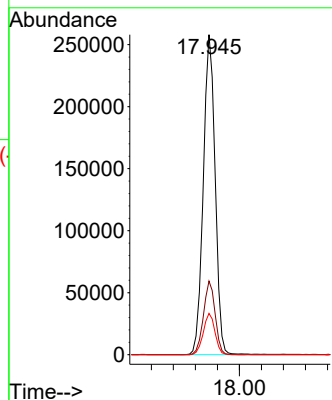
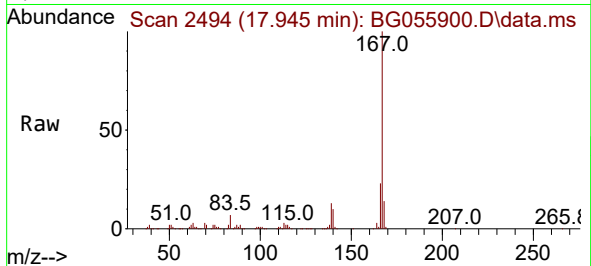




#73  
 Carbazole  
 Concen: 36.798 ng  
 RT: 17.945 min Scan# 24  
 Delta R.T. 0.000 min  
 Lab File: BG055900.D  
 Acq: 6 Dec 2022 12:10

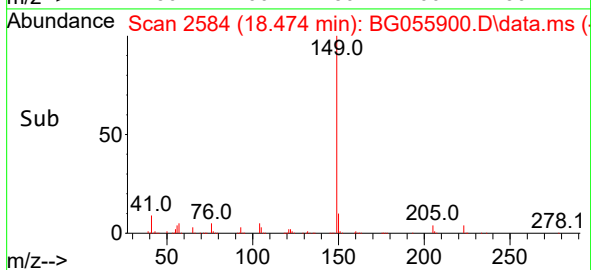
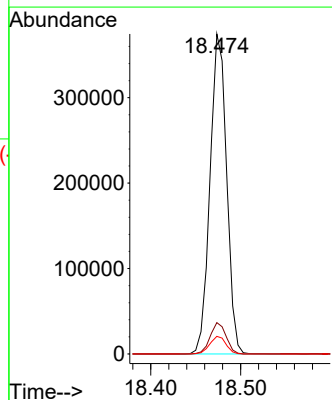
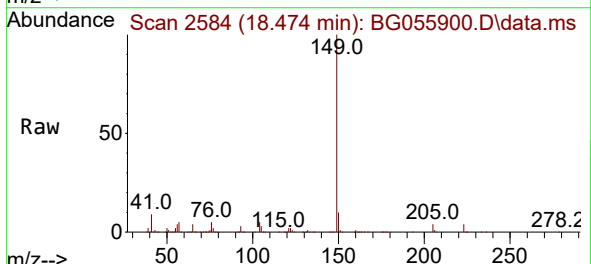
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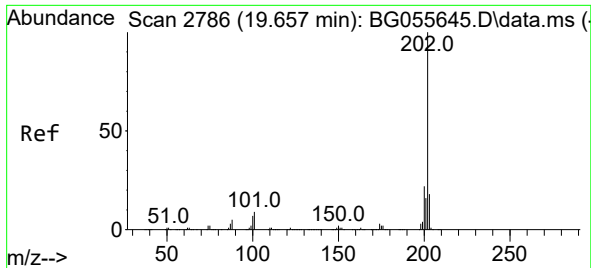
Tgt Ion:167 Resp: 386085  
 Ion Ratio Lower Upper  
 167 100  
 166 23.0 18.2 27.2  
 139 12.9 10.2 15.4



#74  
 Di-n-butylphthalate  
 Concen: 36.888 ng  
 RT: 18.474 min Scan# 2584  
 Delta R.T. 0.000 min  
 Lab File: BG055900.D  
 Acq: 6 Dec 2022 12:10

Tgt Ion:149 Resp: 480567  
 Ion Ratio Lower Upper  
 149 100  
 150 9.8 7.8 11.6  
 104 5.5 4.0 6.0

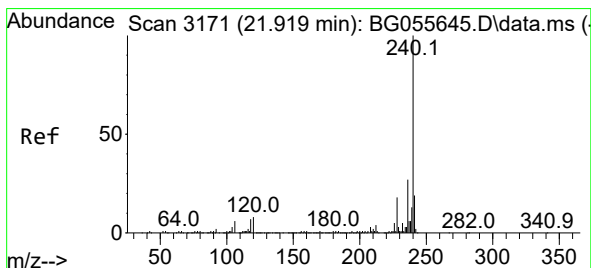
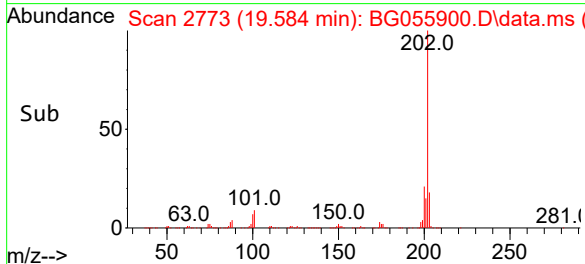
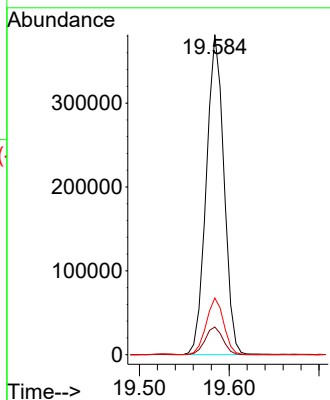
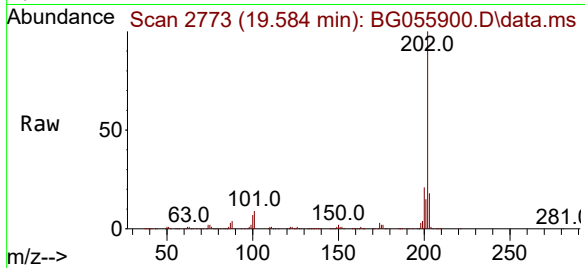




#75  
Fluoranthene  
Concen: 35.591 ng  
RT: 19.584 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: BG055900.D  
Acq: 6 Dec 2022 12:10

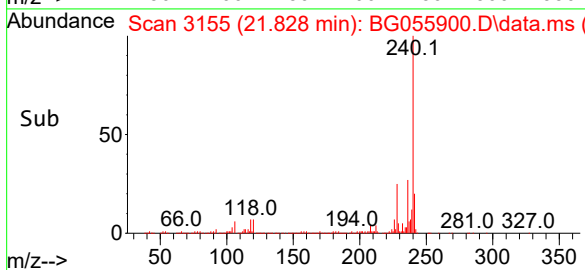
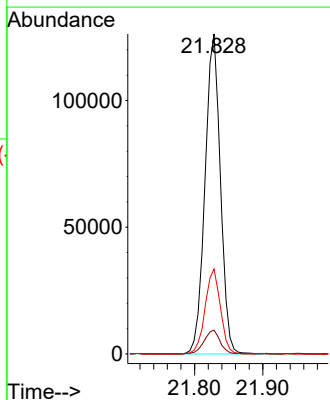
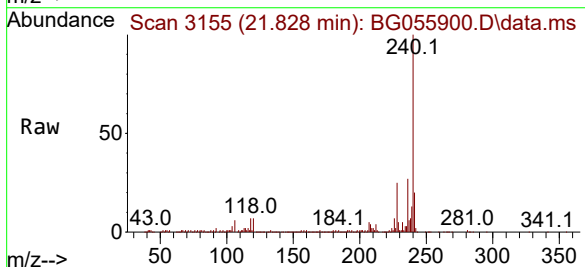
Instrument :  
BNA\_G  
ClientSampleId :  
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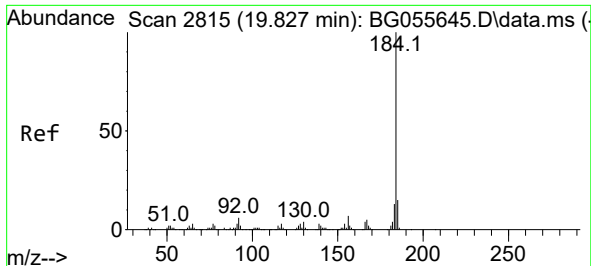
Tgt Ion:202 Resp: 520093  
Ion Ratio Lower Upper  
202 100  
101 8.6 0.0 28.8  
203 17.7 0.0 38.1



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.828 min Scan# 3155  
Delta R.T. 0.000 min  
Lab File: BG055900.D  
Acq: 6 Dec 2022 12:10

Tgt Ion:240 Resp: 198207  
Ion Ratio Lower Upper  
240 100  
120 7.4 6.3 9.5  
236 26.5 21.9 32.9

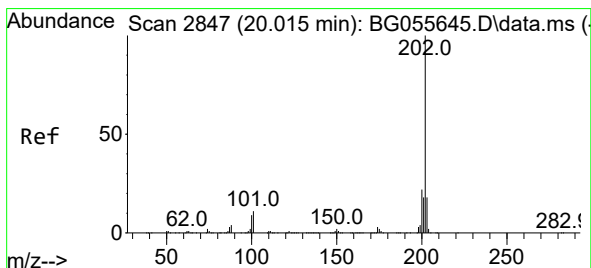
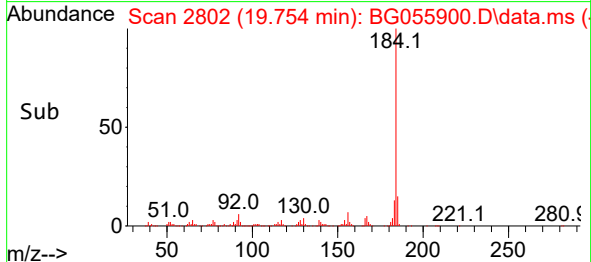
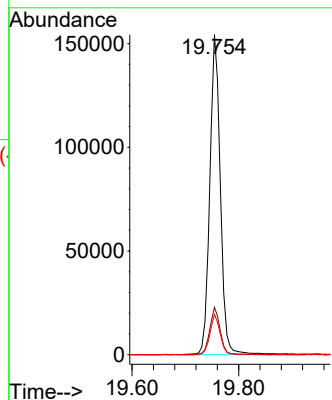
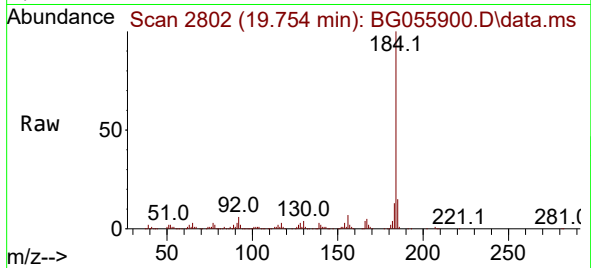




#77  
Benzidine  
Concen: 46.411 ng  
RT: 19.754 min Scan# 2815  
Delta R.T. 0.000 min  
Lab File: BG055900.D  
Acq: 6 Dec 2022 12:10

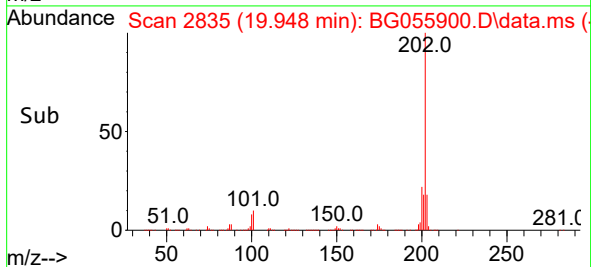
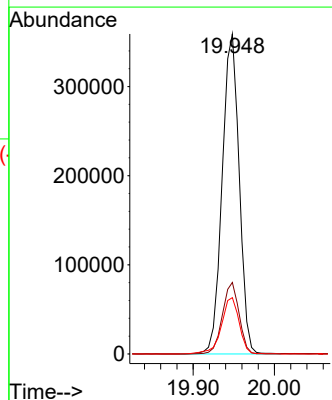
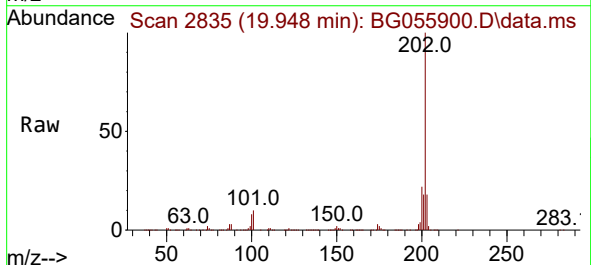
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

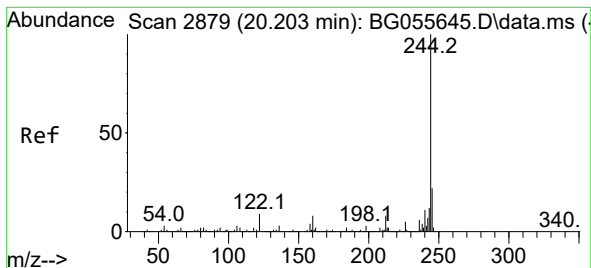
Tgt Ion:184 Resp: 212813  
Ion Ratio Lower Upper  
184 100  
185 14.8 11.8 17.8  
183 12.6 10.6 15.8



#78  
Pyrene  
Concen: 38.983 ng  
RT: 19.948 min Scan# 2835  
Delta R.T. 0.000 min  
Lab File: BG055900.D  
Acq: 6 Dec 2022 12:10

Tgt Ion:202 Resp: 523007  
Ion Ratio Lower Upper  
202 100  
200 22.4 17.8 26.6  
203 17.6 14.4 21.6





#79

Terphenyl-d14

Concen: 77.130 ng

RT: 20.130 min Scan# 2

Delta R.T. 0.000 min

Lab File: BG055900.D

Acq: 6 Dec 2022 12:10

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

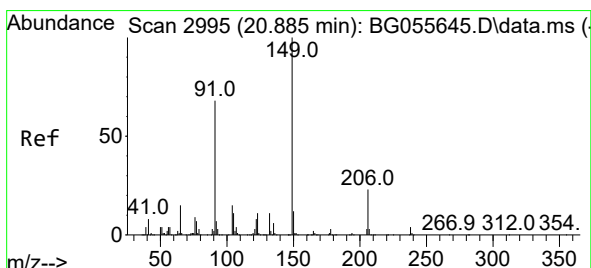
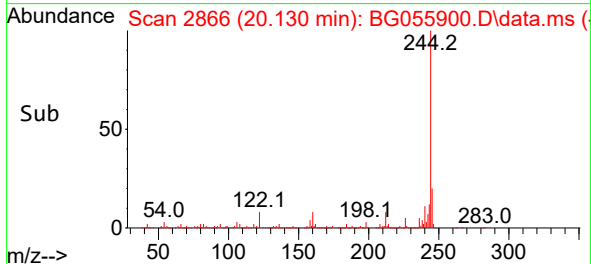
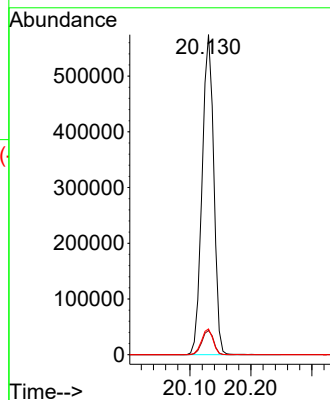
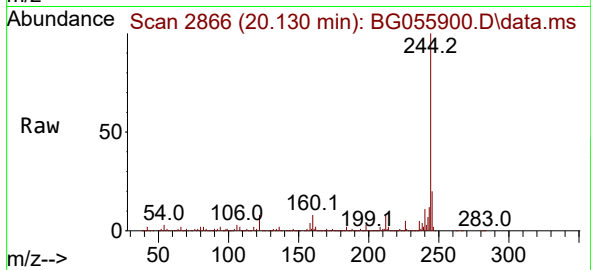
Tgt Ion:244 Resp: 764337

Ion Ratio Lower Upper

244 100

212 7.6 6.3 9.5

122 8.1 6.9 10.3



#80

Butylbenzylphthalate

Concen: 38.622 ng

RT: 20.806 min Scan# 2981

Delta R.T. 0.000 min

Lab File: BG055900.D

Acq: 6 Dec 2022 12:10

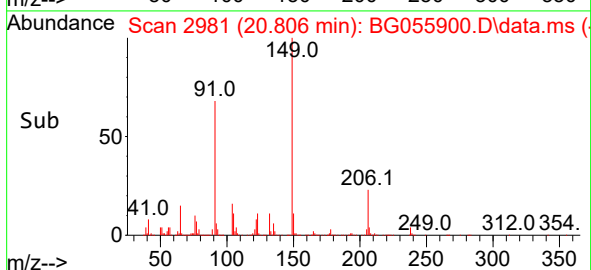
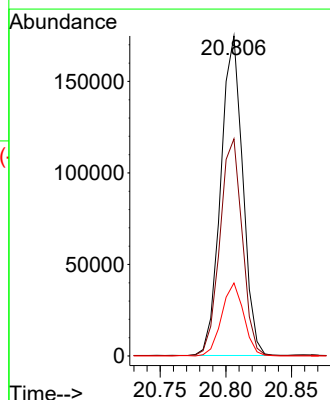
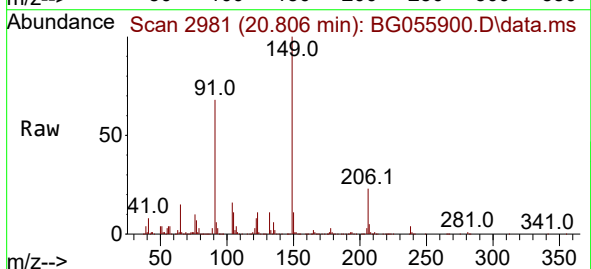
Tgt Ion:149 Resp: 202848

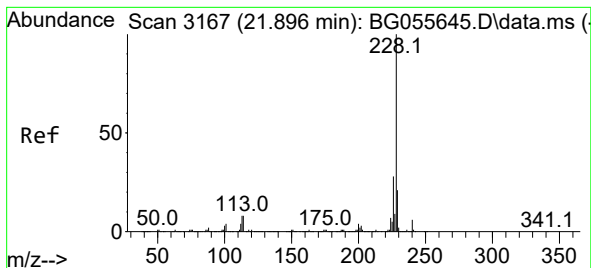
Ion Ratio Lower Upper

149 100

91 67.9 54.6 81.8

206 22.8 18.3 27.5





#81

Benzo(a)anthracene

Concen: 37.682 ng

RT: 21.805 min Scan# 31

Delta R.T. 0.000 min

Lab File: BG055900.D

Acq: 6 Dec 2022 12:10

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

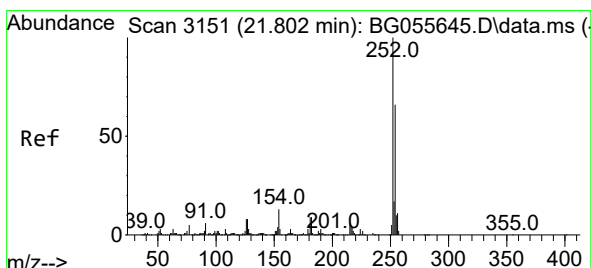
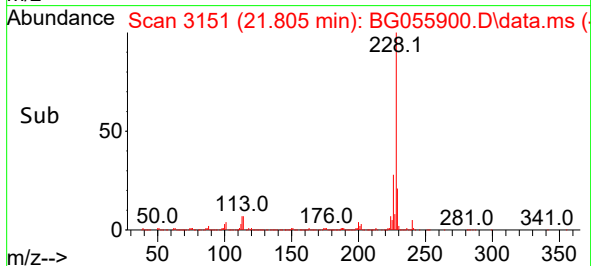
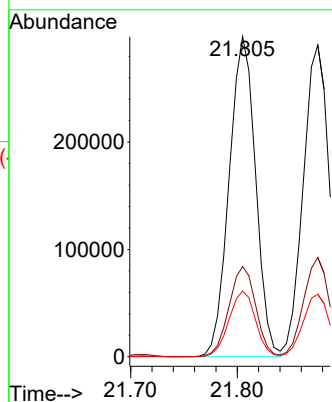
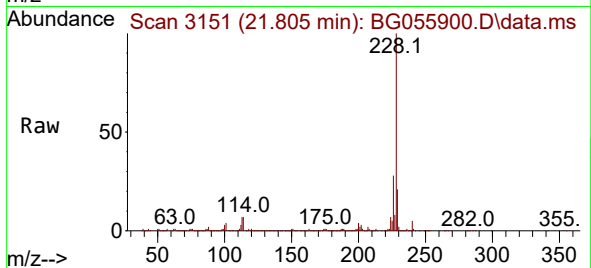
Tgt Ion:228 Resp: 514417

Ion Ratio Lower Upper

228 100

226 28.2 22.7 34.1

229 20.5 16.5 24.7



#82

3,3'-Dichlorobenzidine

Concen: 37.819 ng

RT: 21.711 min Scan# 3135

Delta R.T. 0.000 min

Lab File: BG055900.D

Acq: 6 Dec 2022 12:10

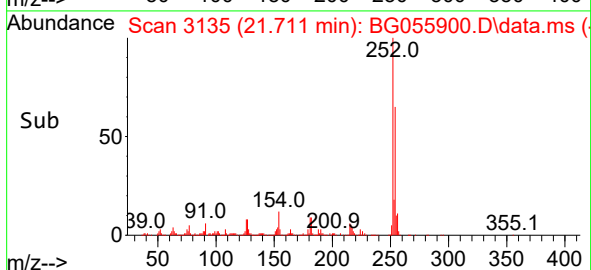
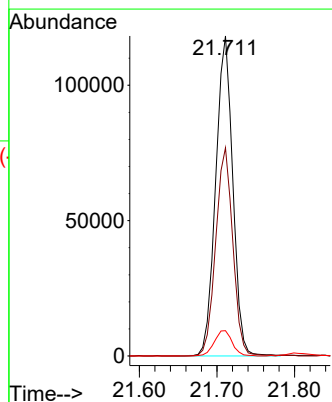
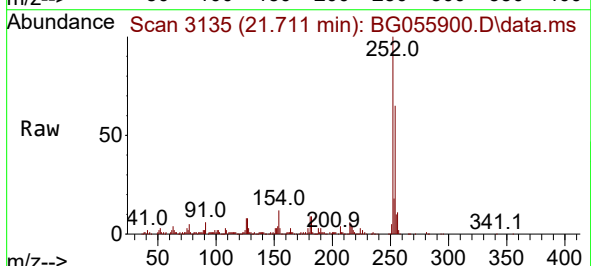
Tgt Ion:252 Resp: 181416

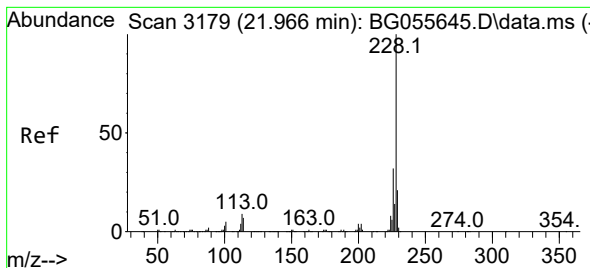
Ion Ratio Lower Upper

252 100

254 65.1 53.0 79.6

126 7.9 6.7 10.1





#83

Chrysene

Concen: 37.770 ng

RT: 21.875 min Scan# 31

Delta R.T. 0.000 min

Lab File: BG055900.D

Acq: 6 Dec 2022 12:10

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

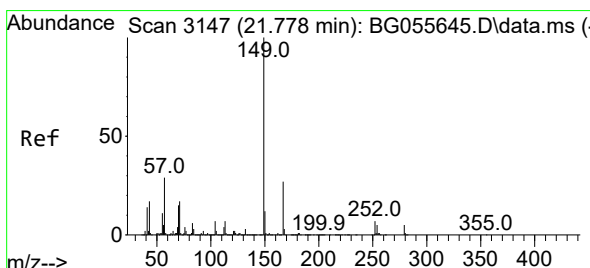
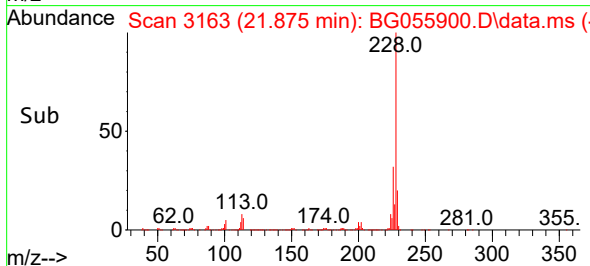
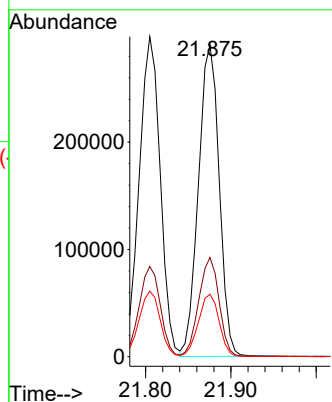
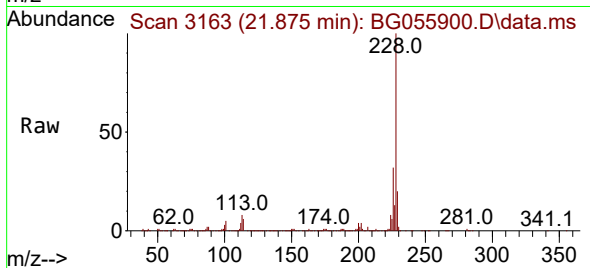
Tgt Ion:228 Resp: 490872

Ion Ratio Lower Upper

228 100

226 31.8 25.4 38.2

229 20.0 17.1 25.7



#84

Bis(2-ethylhexyl)phthalate

Concen: 38.308 ng

RT: 21.670 min Scan# 3128

Delta R.T. 0.000 min

Lab File: BG055900.D

Acq: 6 Dec 2022 12:10

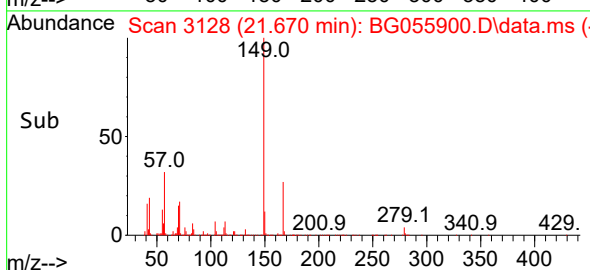
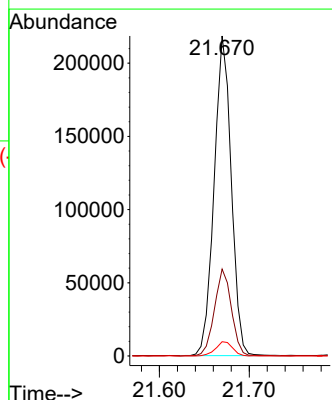
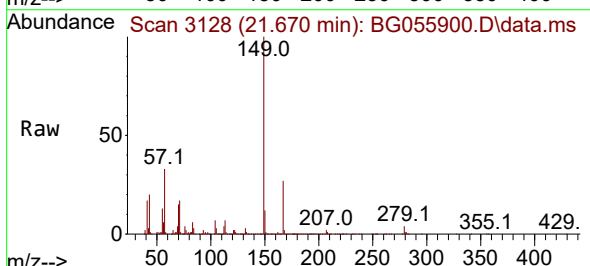
Tgt Ion:149 Resp: 289157

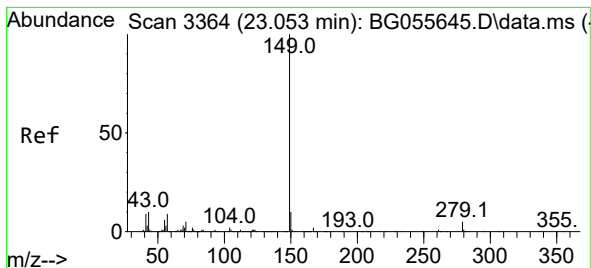
Ion Ratio Lower Upper

149 100

167 27.1 22.0 33.0

279 4.4 3.7 5.5





#85

Di-n-octyl phthalate

Concen: 38.146 ng

RT: 22.915 min Scan# 31

Delta R.T. 0.000 min

Lab File: BG055900.D

Acq: 6 Dec 2022 12:10

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

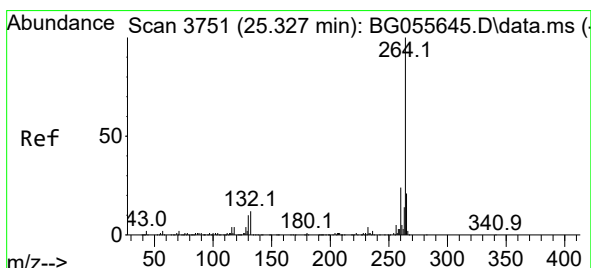
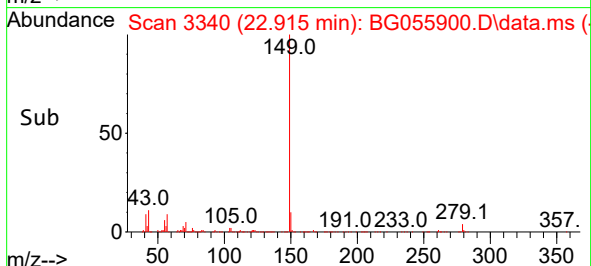
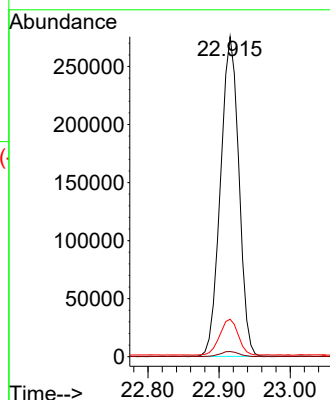
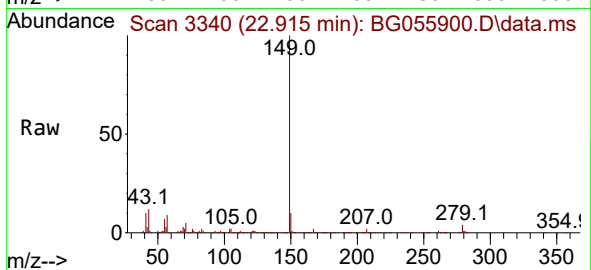
Tgt Ion:149 Resp: 492747

Ion Ratio Lower Upper

149 100

167 1.8 1.3 1.9

43 11.3 8.4 12.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.177 min Scan# 3725

Delta R.T. 0.000 min

Lab File: BG055900.D

Acq: 6 Dec 2022 12:10

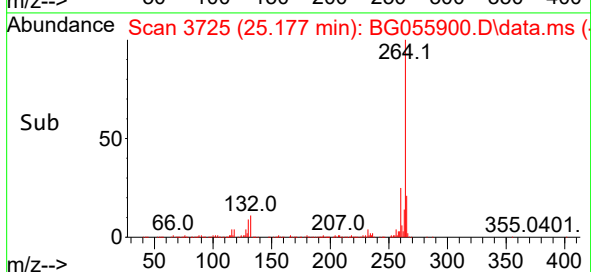
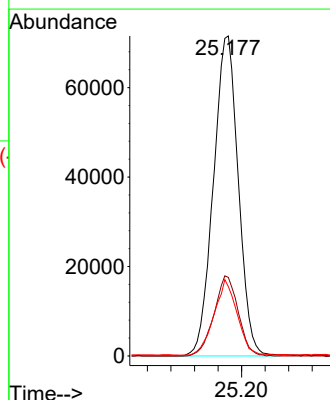
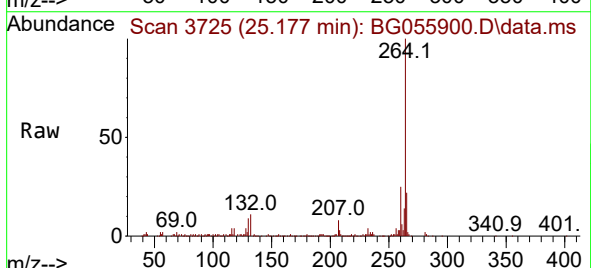
Tgt Ion:264 Resp: 209747

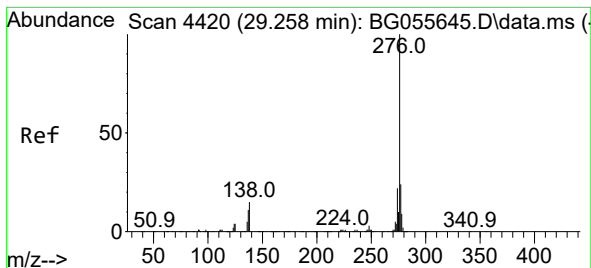
Ion Ratio Lower Upper

264 100

260 24.6 19.5 29.3

265 21.6 17.1 25.7





#87

Indeno(1,2,3-cd)pyrene

Concen: 35.035 ng

RT: 29.044 min Scan# 41

Delta R.T. 0.000 min

Lab File: BG055900.D

Acq: 6 Dec 2022 12:10

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

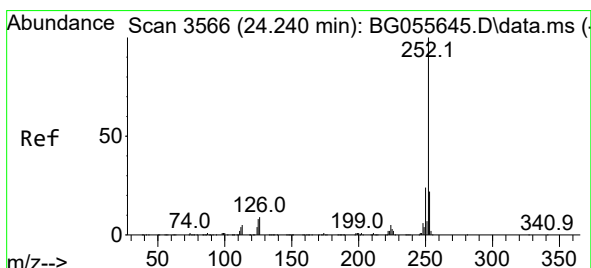
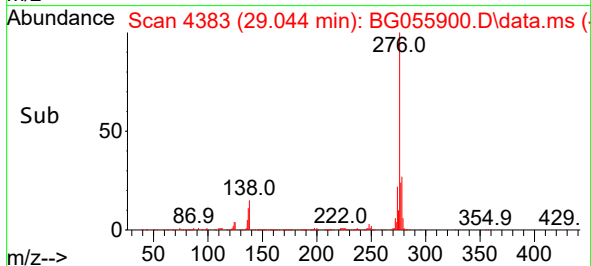
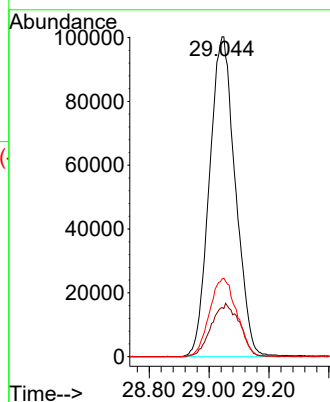
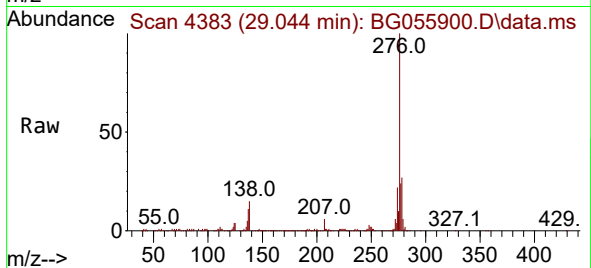
Tgt Ion:276 Resp: 602000

Ion Ratio Lower Upper

276 100

138 18.2 10.4 15.6#

277 25.8 20.2 30.4



#88

Benzo(b)fluoranthene

Concen: 36.340 ng

RT: 24.108 min Scan# 3543

Delta R.T. 0.000 min

Lab File: BG055900.D

Acq: 6 Dec 2022 12:10

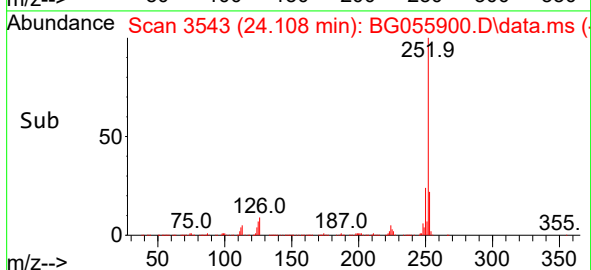
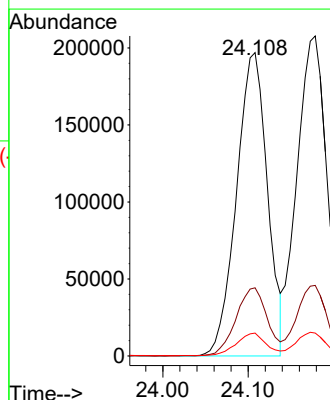
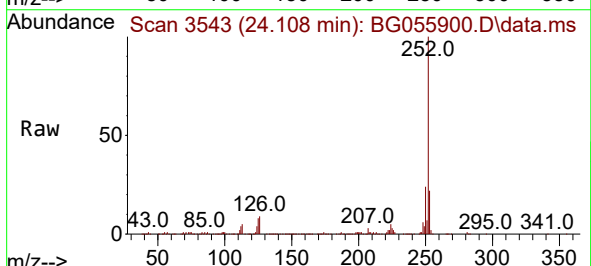
Tgt Ion:252 Resp: 496399

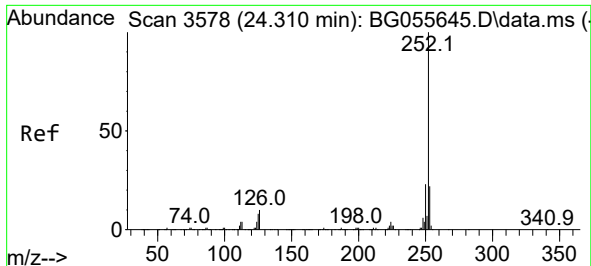
Ion Ratio Lower Upper

252 100

253 22.5 18.0 27.0

125 7.5 6.2 9.2

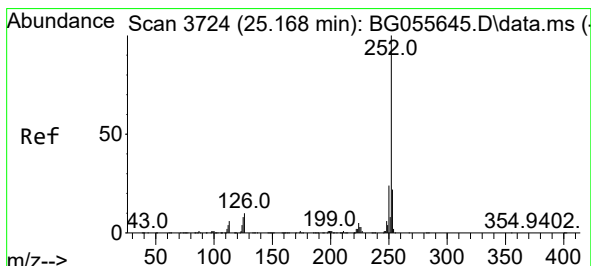
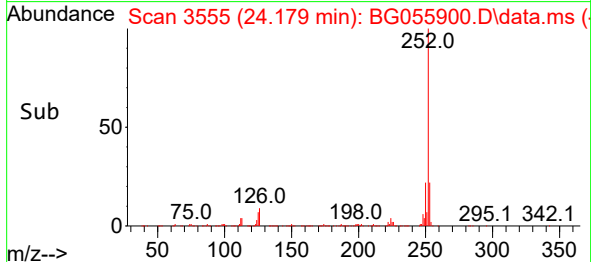
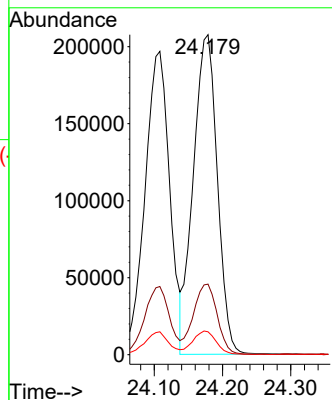
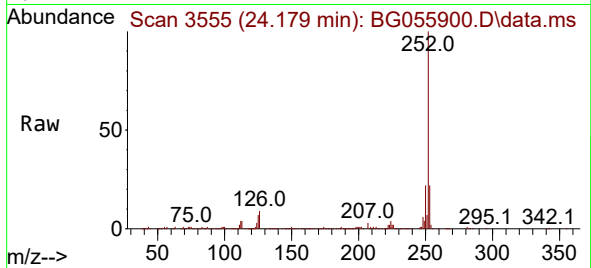




#89  
Benzo(k)fluoranthene  
Concen: 37.239 ng  
RT: 24.179 min Scan# 31  
Delta R.T. 0.000 min  
Lab File: BG055900.D  
Acq: 6 Dec 2022 12:10

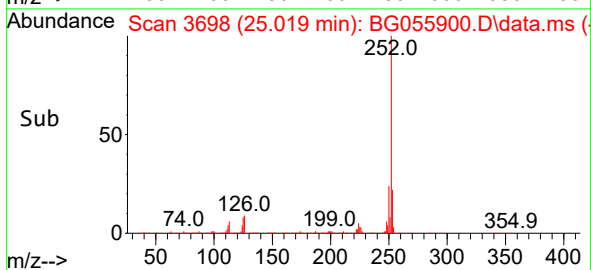
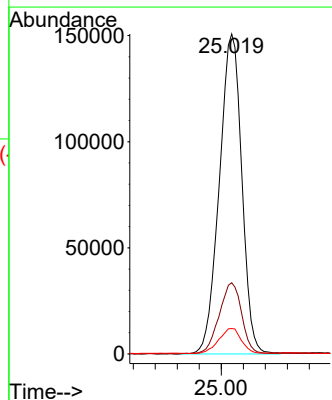
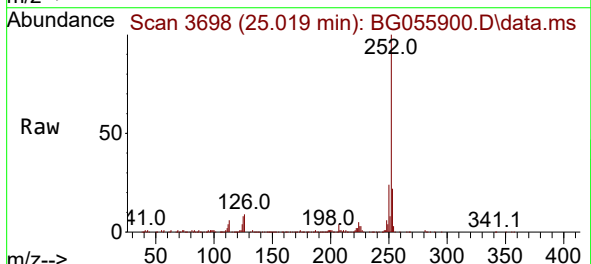
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

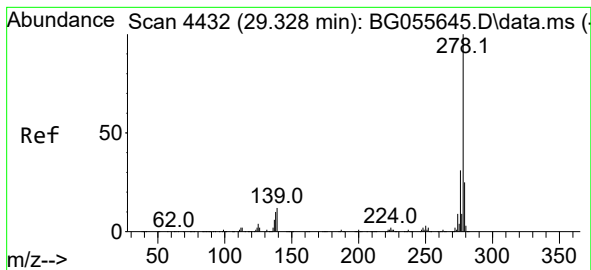
Tgt Ion:252 Resp: 507050  
Ion Ratio Lower Upper  
252 100  
253 22.0 17.8 26.6  
125 7.1 6.1 9.1



#90  
Benzo(a)pyrene  
Concen: 36.435 ng  
RT: 25.019 min Scan# 3698  
Delta R.T. 0.000 min  
Lab File: BG055900.D  
Acq: 6 Dec 2022 12:10

Tgt Ion:252 Resp: 427085  
Ion Ratio Lower Upper  
252 100  
253 22.3 17.8 26.6  
125 8.0 6.4 9.6





#91

Dibenzo(a,h)anthracene

Concen: 35.367 ng

RT: 29.090 min Scan# 41

Delta R.T. 0.000 min

Lab File: BG055900.D

Acq: 6 Dec 2022 12:10

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

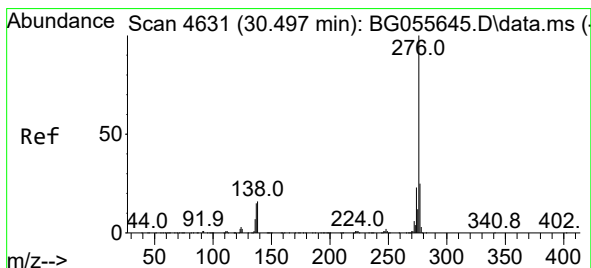
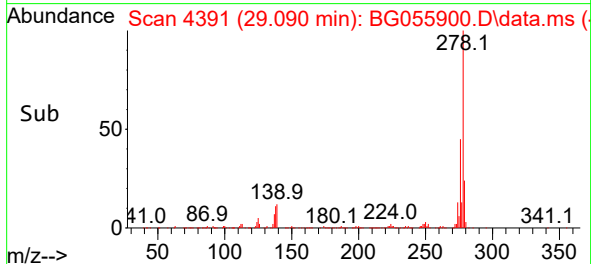
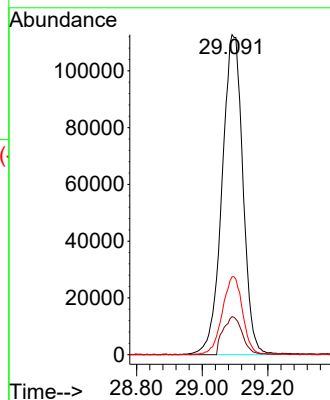
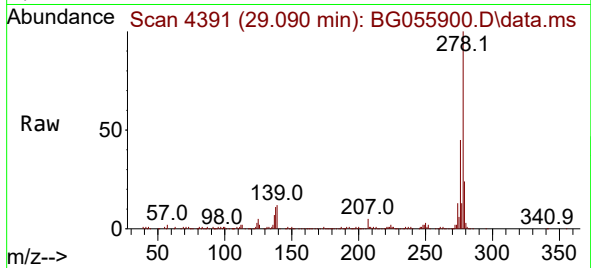
Tgt Ion:278 Resp: 496609

Ion Ratio Lower Upper

278 100

139 11.9 9.8 14.8

279 24.3 19.8 29.6



#92

Benzo(g,h,i)perylene

Concen: 34.637 ng

RT: 30.254 min Scan# 4589

Delta R.T. 0.000 min

Lab File: BG055900.D

Acq: 6 Dec 2022 12:10

Tgt Ion:276 Resp: 490182

Ion Ratio Lower Upper

276 100

277 25.0 19.8 29.6

138 15.9 13.1 19.7

