

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG021422\  
 Data File : BG052379.D  
 Acq On : 14 Feb 2022 12:03  
 Operator : CG/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

Quant Time: Feb 14 14:13:12 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG020722.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Feb 08 01:21:20 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.234  | 152  | 28348    | 20.000 | ng    | 0.01     |
| 21) Naphthalene-d8            | 11.071 | 136  | 113325   | 20.000 | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 14.877 | 164  | 78655    | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.627 | 188  | 200830   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 21.939 | 240  | 200234   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 25.404 | 264  | 205250   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.760  | 112  | 121367   | 74.618 | ng    | 0.01     |
| 7) Phenol-d6                  | 7.376  | 99   | 180371   | 71.872 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.403  | 82   | 185227   | 71.036 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.364 | 330  | 90240    | 79.858 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.497 | 172  | 439116   | 77.575 | ng    | 0.00     |
| 79) Terphenyl-d14             | 20.217 | 244  | 847502   | 74.741 | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.587  | 88   | 25873    | 34.545 | ng    | 92       |
| 3) Pyridine                   | 3.998  | 79   | 76620    | 35.274 | ng    | 97       |
| 4) n-Nitrosodimethylamine     | 3.904  | 42   | 36268    | 32.336 | ng    | # 70     |
| 6) Aniline                    | 7.540  | 93   | 103222   | 35.402 | ng    | 97       |
| 8) 2-Chlorophenol             | 7.793  | 128  | 63859    | 35.689 | ng    | 96       |
| 9) Benzaldehyde               | 7.352  | 77   | 49361m   | 32.637 | ng    |          |
| 10) Phenol                    | 7.405  | 94   | 88205    | 35.373 | ng    | 97       |
| 11) bis(2-Chloroethyl)ether   | 7.634  | 93   | 63622    | 33.380 | ng    | 99       |
| 12) 1,3-Dichlorobenzene       | 8.122  | 146  | 74025    | 36.310 | ng    | 94       |
| 13) 1,4-Dichlorobenzene       | 8.269  | 146  | 75276    | 36.220 | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 8.592  | 146  | 73519    | 35.869 | ng    | 96       |
| 15) Benzyl Alcohol            | 8.469  | 79   | 71805    | 34.474 | ng    | 97       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.762  | 45   | 89810    | 32.631 | ng    | 99       |
| 17) 2-Methylphenol            | 8.674  | 107  | 57716    | 35.077 | ng    | 92       |
| 18) Hexachloroethane          | 9.332  | 117  | 26204    | 36.261 | ng    | 97       |
| 19) n-Nitroso-di-n-propyla... | 9.038  | 70   | 61972    | 32.755 | ng    | 94       |
| 20) 3+4-Methylphenols         | 9.003  | 107  | 84727    | 35.992 | ng    | 90       |
| 22) Acetophenone              | 9.062  | 105  | 107959   | 36.045 | ng    | # 92     |
| 24) Nitrobenzene              | 9.450  | 77   | 87977    | 35.569 | ng    | 92       |
| 25) Isophorone                | 9.972  | 82   | 158502   | 35.726 | ng    | 99       |
| 26) 2-Nitrophenol             | 10.172 | 139  | 39324    | 37.510 | ng    | # 85     |
| 27) 2,4-Dimethylphenol        | 10.219 | 122  | 58304    | 37.562 | ng    | 94       |
| 28) bis(2-Chloroethoxy)met... | 10.448 | 93   | 92291    | 36.654 | ng    | 97       |
| 29) 2,4-Dichlorophenol        | 10.713 | 162  | 68174    | 36.642 | ng    | 97       |
| 30) 1,2,4-Trichlorobenzene    | 10.930 | 180  | 78581    | 36.170 | ng    | 99       |
| 31) Naphthalene               | 11.124 | 128  | 218829   | 36.834 | ng    | 96       |
| 32) Benzoic acid              | 10.348 | 122  | 34523    | 36.092 | ng    | 96       |
| 33) 4-Chloroaniline           | 11.224 | 127  | 92149    | 37.151 | ng    | 96       |
| 34) Hexachlorobutadiene       | 11.406 | 225  | 53704    | 36.602 | ng    | 96       |
| 35) Caprolactam               | 11.987 | 113  | 25469    | 37.563 | ng    | # 81     |
| 36) 4-Chloro-3-methylphenol   | 12.340 | 107  | 78902    | 37.277 | ng    | 97       |
| 37) 2-Methylnaphthalene       | 12.716 | 142  | 159774   | 36.208 | ng    | 99       |
| 38) 1-Methylnaphthalene       | 12.933 | 142  | 155939   | 36.470 | ng    | 96       |
| 40) 1,2,4,5-Tetrachloroben... | 13.080 | 216  | 97329    | 37.621 | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 13.062 | 237  | 49422    | 42.311 | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 13.315 | 196  | 66725    | 39.436 | ng    | 97       |

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 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
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 ClientSampleId :  
 SSTDCCC040

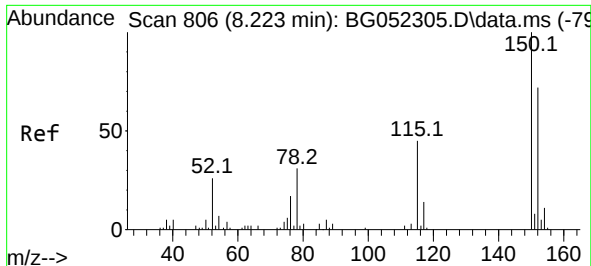
Quant Time: Feb 14 14:13:12 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG020722.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Feb 08 01:21:20 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 13.391 | 196  | 71495    | 38.992 | ng    | 95       |
| 46) 1,1'-Biphenyl             | 13.708 | 154  | 220424   | 38.217 | ng    | 100      |
| 47) 2-Chloronaphthalene       | 13.755 | 162  | 171581   | 38.614 | ng    | 99       |
| 48) 2-Nitroaniline            | 13.949 | 65   | 62502    | 39.508 | ng    | 97       |
| 49) Acenaphthylene            | 14.601 | 152  | 278487   | 38.500 | ng    | 97       |
| 50) Dimethylphthalate         | 14.314 | 163  | 232275   | 38.549 | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 14.437 | 165  | 50604    | 38.919 | ng    | 94       |
| 52) Acenaphthene              | 14.942 | 154  | 179559m  | 37.904 | ng    |          |
| 53) 3-Nitroaniline            | 14.772 | 138  | 54236    | 40.130 | ng    | 94       |
| 54) 2,4-Dinitrophenol         | 14.977 | 184  | 28468    | 38.091 | ng    | 96       |
| 55) Dibenzofuran              | 15.271 | 168  | 284748   | 38.221 | ng    | 99       |
| 56) 4-Nitrophenol             | 15.077 | 139  | 42599    | 41.971 | ng    | # 86     |
| 57) 2,4-Dinitrotoluene        | 15.224 | 165  | 74054    | 40.016 | ng    | # 89     |
| 58) Fluorene                  | 15.917 | 166  | 230832   | 38.813 | ng    | 97       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.500 | 232  | 68320    | 39.004 | ng    | # 98     |
| 60) Diethylphthalate          | 15.671 | 149  | 235982   | 38.770 | ng    | 97       |
| 61) 4-Chlorophenyl-phenyle... | 15.906 | 204  | 127807   | 37.726 | ng    | 96       |
| 62) 4-Nitroaniline            | 15.929 | 138  | 58408    | 41.051 | ng    | 88       |
| 63) Azobenzene                | 16.199 | 77   | 235818   | 37.845 | ng    | 95       |
| 65) 4,6-Dinitro-2-methylph... | 15.994 | 198  | 47851    | 39.608 | ng    | 91       |
| 66) n-Nitrosodiphenylamine    | 16.117 | 169  | 206219   | 37.268 | ng    | 98       |
| 67) 4-Bromophenyl-phenylether | 16.798 | 248  | 90049    | 36.870 | ng    | 96       |
| 68) Hexachlorobenzene         | 16.934 | 284  | 97080    | 36.649 | ng    | 93       |
| 69) Atrazine                  | 17.057 | 200  | 83598    | 37.369 | ng    | 94       |
| 70) Pentachlorophenol         | 17.274 | 266  | 47344    | 36.533 | ng    | 96       |
| 71) Phenanthrene              | 17.668 | 178  | 385270   | 37.214 | ng    | 98       |
| 72) Anthracene                | 17.756 | 178  | 381496   | 37.604 | ng    | 99       |
| 73) Carbazole                 | 18.020 | 167  | 380040   | 38.408 | ng    | 99       |
| 74) Di-n-butylphthalate       | 18.561 | 149  | 422536   | 39.194 | ng    | 98       |
| 75) Fluoranthene              | 19.671 | 202  | 503361   | 38.183 | ng    | 100      |
| 77) Benzidine                 | 19.835 | 184  | 193291   | 45.177 | ng    | 98       |
| 78) Pyrene                    | 20.029 | 202  | 502907   | 37.535 | ng    | 98       |
| 80) Butylbenzylphthalate      | 20.899 | 149  | 187517   | 40.291 | ng    | 94       |
| 81) Benzo(a)anthracene        | 21.921 | 228  | 503914   | 38.030 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 21.821 | 252  | 173142   | 37.430 | ng    | 100      |
| 83) Chrysene                  | 21.991 | 228  | 468946   | 37.348 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 21.798 | 149  | 259101   | 40.149 | ng    | 99       |
| 85) Di-n-octyl phthalate      | 23.090 | 149  | 435397   | 40.241 | ng    | 95       |
| 87) Indeno(1,2,3-cd)pyrene    | 29.417 | 276  | 563940   | 37.547 | ng    | # 99     |
| 88) Benzo(b)fluoranthene      | 24.300 | 252  | 478963   | 37.447 | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 24.376 | 252  | 490336   | 38.808 | ng    | 99       |
| 90) Benzo(a)pyrene            | 25.246 | 252  | 412397   | 38.169 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 29.487 | 278  | 464439   | 37.432 | ng    | 96       |
| 92) Benzo(g,h,i)perylene      | 30.674 | 276  | 459555   | 37.740 | ng    | 98       |

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

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QLast Update : Tue Feb 08 01:21:20 2022  
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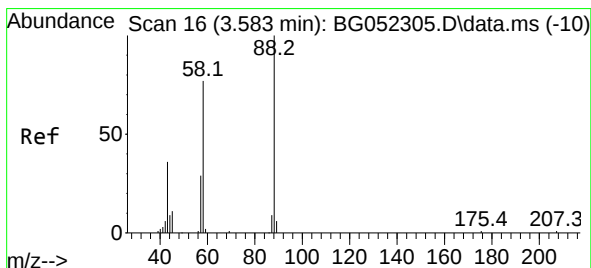
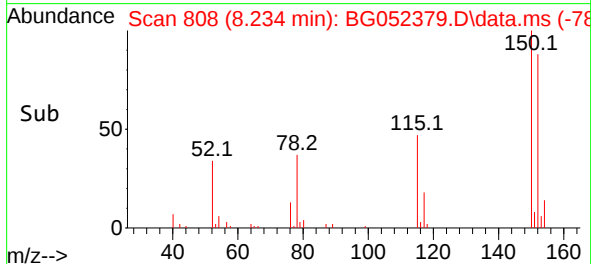
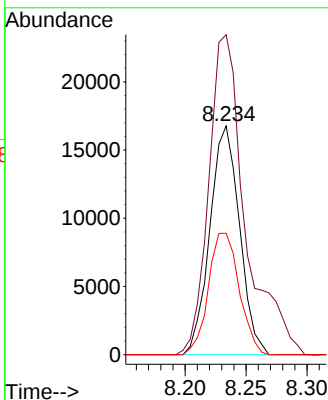
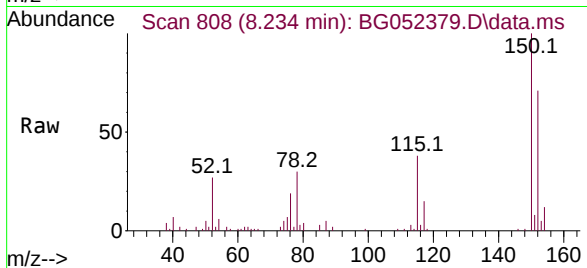




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.234 min Scan# 80  
Delta R.T. 0.011 min  
Lab File: BG052379.D  
Acq: 14 Feb 2022 12:03

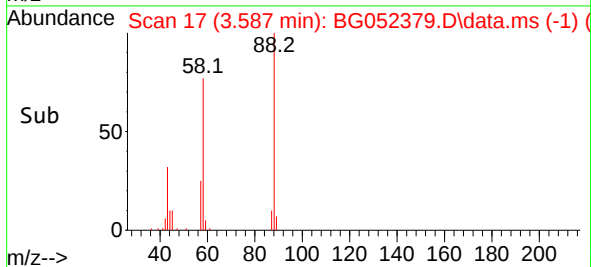
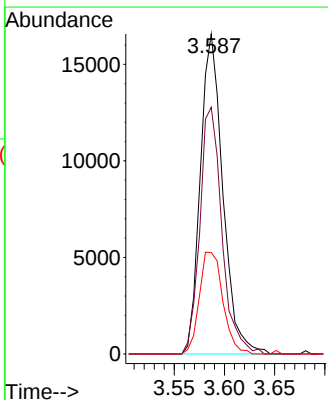
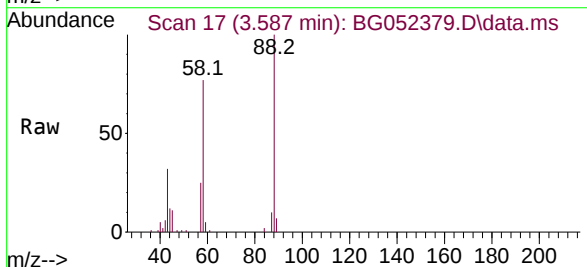
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

Tgt Ion:152 Resp: 28348  
Ion Ratio Lower Upper  
152 100  
150 140.0 117.8 176.8  
115 53.1 50.2 75.2



#2  
1,4-Dioxane  
Concen: 34.545 ng  
RT: 3.587 min Scan# 17  
Delta R.T. 0.004 min  
Lab File: BG052379.D  
Acq: 14 Feb 2022 12:03

Tgt Ion: 88 Resp: 25873  
Ion Ratio Lower Upper  
88 100  
58 75.5 65.8 98.8  
43 33.3 31.6 47.4

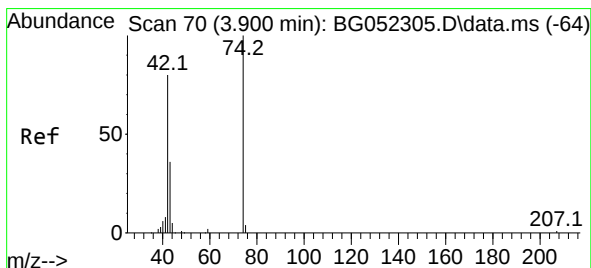
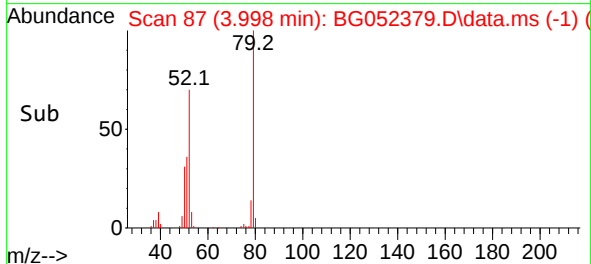
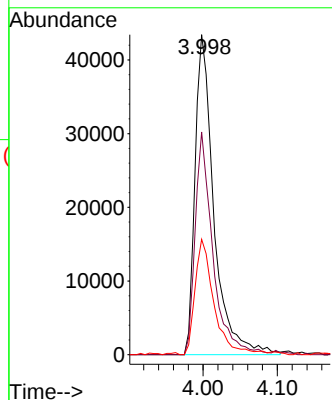
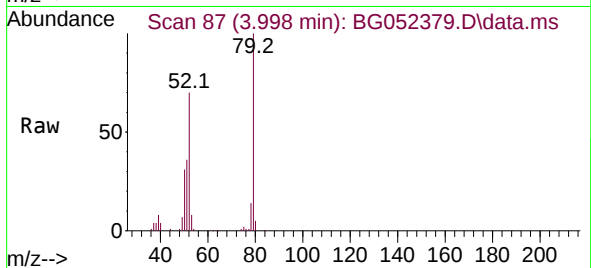




#3  
 Pyridine  
 Concen: 35.274 ng  
 RT: 3.998 min Scan# 81  
 Delta R.T. 0.004 min  
 Lab File: BG052379.D  
 Acq: 14 Feb 2022 12:03

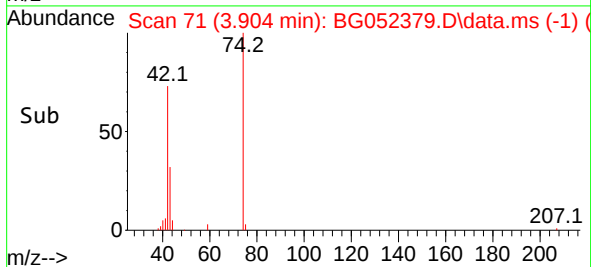
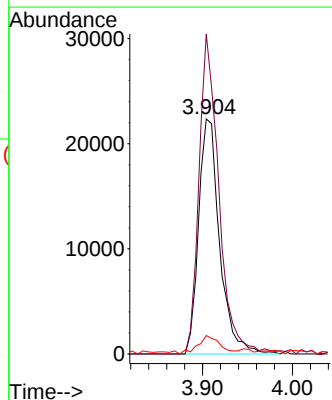
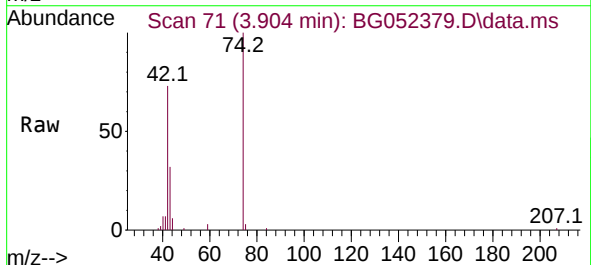
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

Tgt Ion: 79 Resp: 76620  
 Ion Ratio Lower Upper  
 79 100  
 52 69.6 55.0 82.6  
 51 36.0 32.5 48.7



#4  
 n-Nitrosodimethylamine  
 Concen: 32.336 ng  
 RT: 3.904 min Scan# 71  
 Delta R.T. 0.004 min  
 Lab File: BG052379.D  
 Acq: 14 Feb 2022 12:03

Tgt Ion: 42 Resp: 36268  
 Ion Ratio Lower Upper  
 42 100  
 74 136.2 83.0 124.4#  
 44 7.8 5.0 7.6#

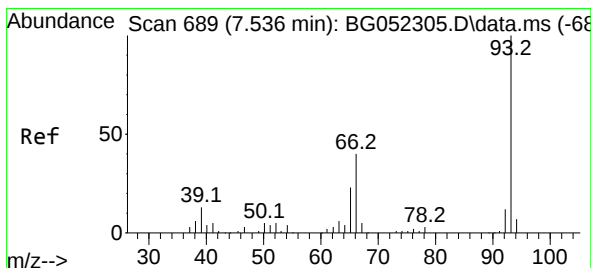
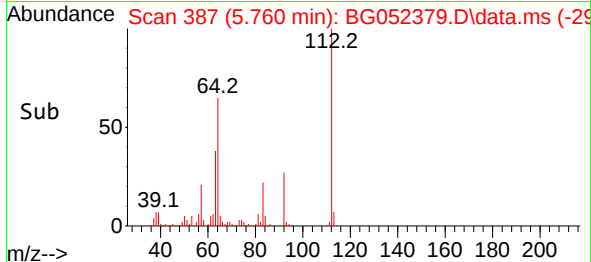
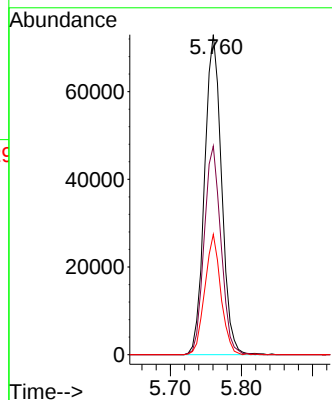
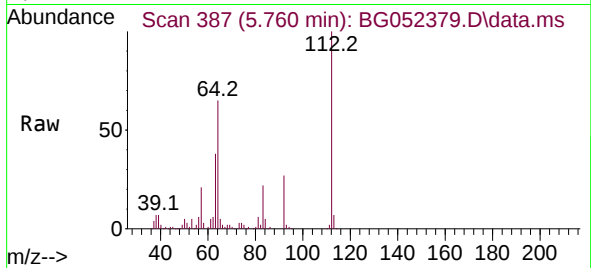




#5  
2-Fluorophenol  
Concen: 74.618 ng  
RT: 5.760 min Scan# 31  
Delta R.T. 0.010 min  
Lab File: BG052379.D  
Acq: 14 Feb 2022 12:03

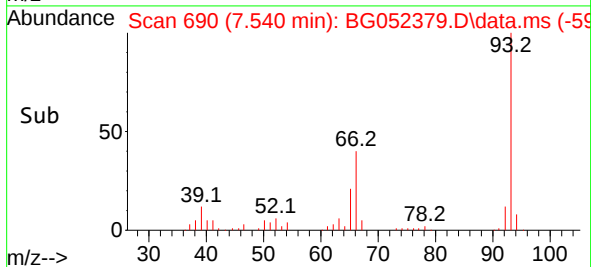
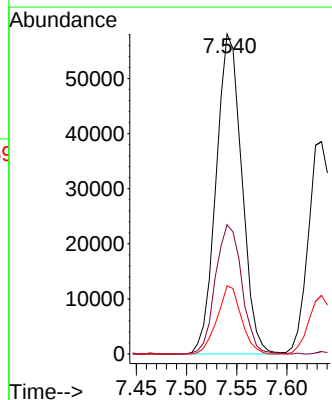
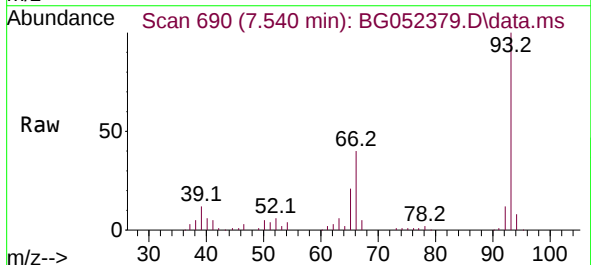
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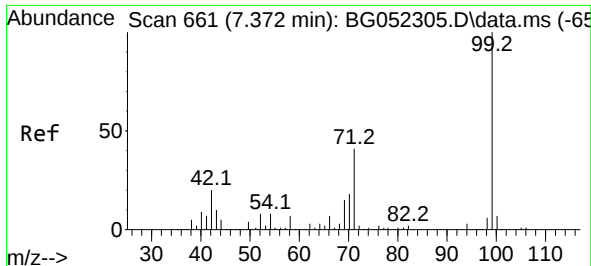
Tgt Ion:112 Resp: 121367  
Ion Ratio Lower Upper  
112 100  
64 65.2 60.4 90.6  
63 37.6 33.3 49.9



#6  
Aniline  
Concen: 35.402 ng  
RT: 7.540 min Scan# 690  
Delta R.T. 0.004 min  
Lab File: BG052379.D  
Acq: 14 Feb 2022 12:03

Tgt Ion: 93 Resp: 103222  
Ion Ratio Lower Upper  
93 100  
66 40.4 34.3 51.5  
65 21.3 17.6 26.4

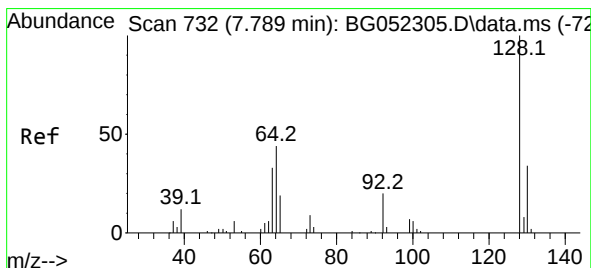
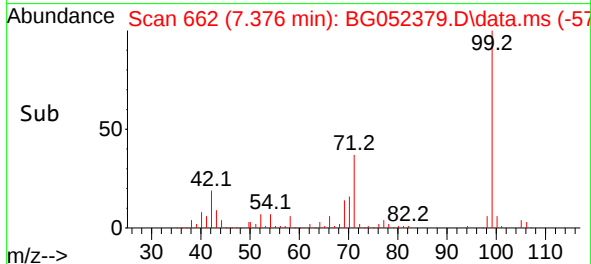
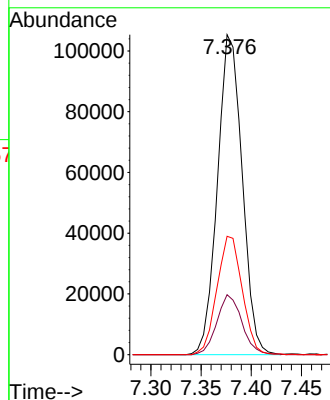
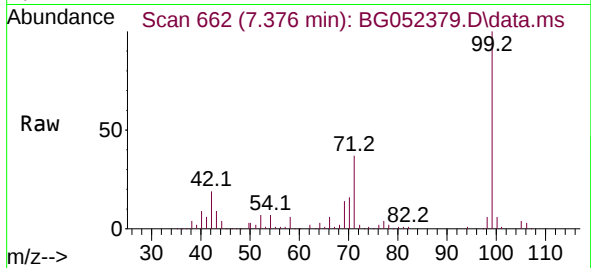




#7  
Phenol-d6  
Concen: 71.872 ng  
RT: 7.376 min Scan# 661  
Delta R.T. 0.004 min  
Lab File: BG052379.D  
Acq: 14 Feb 2022 12:03

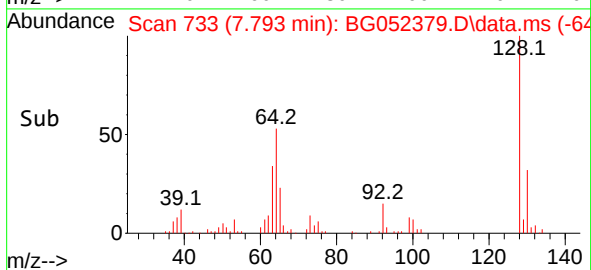
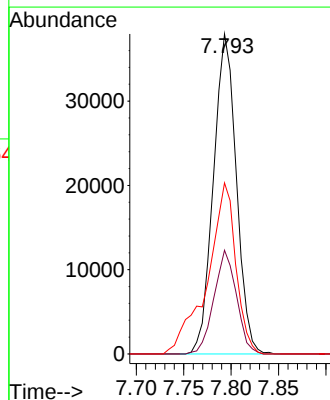
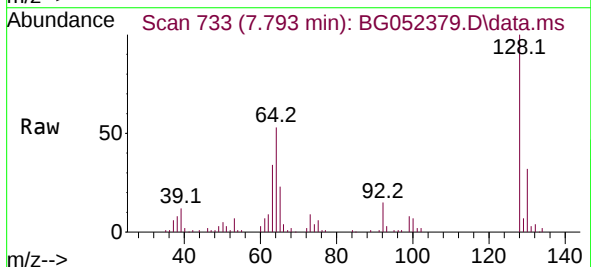
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

Tgt Ion: 99 Resp: 180371  
Ion Ratio Lower Upper  
99 100  
42 18.7 19.1 28.7#  
71 37.0 33.4 50.2



#8  
2-Chlorophenol  
Concen: 35.689 ng  
RT: 7.793 min Scan# 733  
Delta R.T. 0.004 min  
Lab File: BG052379.D  
Acq: 14 Feb 2022 12:03

Tgt Ion: 128 Resp: 63859  
Ion Ratio Lower Upper  
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130 32.4 13.6 53.6  
64 53.4 37.8 77.8

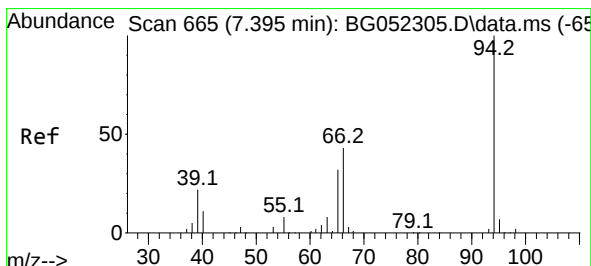
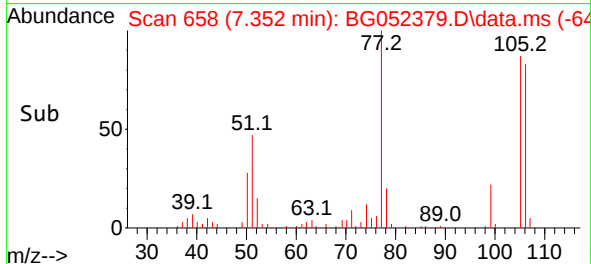
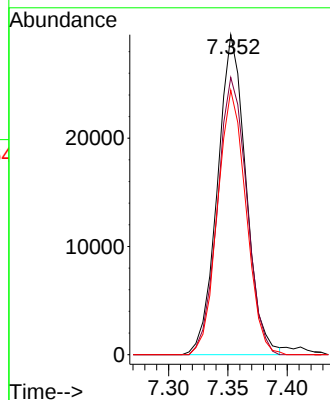
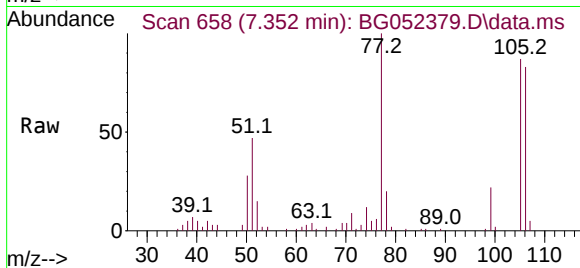




#9  
Benzaldehyde  
Concen: 32.637 ng m  
RT: 7.352 min Scan# 61  
Delta R.T. 0.004 min  
Lab File: BG052379.D  
Acq: 14 Feb 2022 12:03

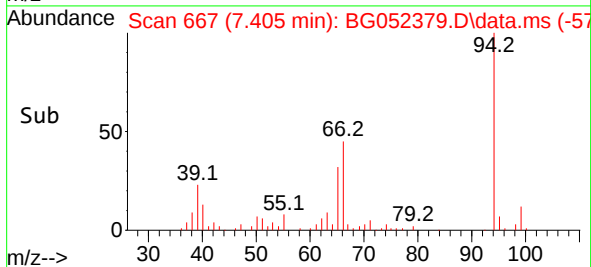
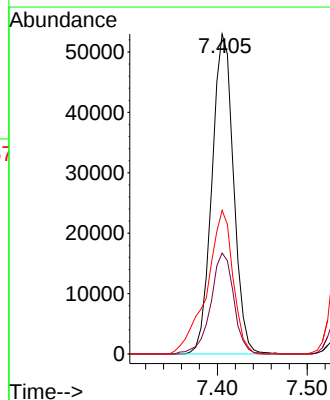
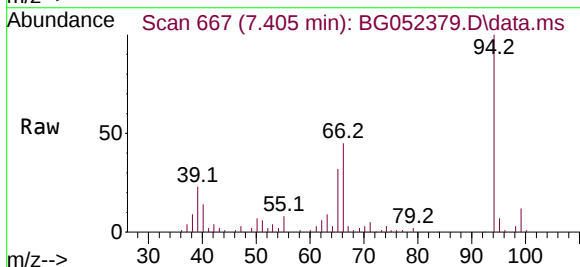
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

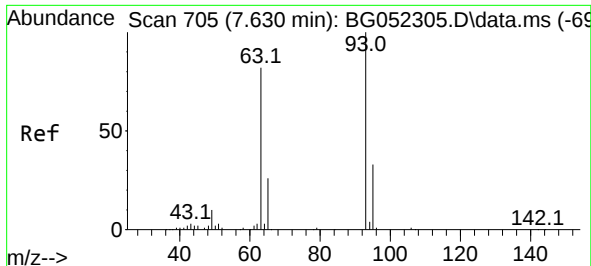
Tgt Ion: 77 Resp: 49361  
Ion Ratio Lower Upper  
77 100  
105 86.6 66.1 106.1  
106 82.6 58.1 98.1



#10  
Phenol  
Concen: 35.373 ng  
RT: 7.405 min Scan# 667  
Delta R.T. 0.010 min  
Lab File: BG052379.D  
Acq: 14 Feb 2022 12:03

Tgt Ion: 94 Resp: 88205  
Ion Ratio Lower Upper  
94 100  
65 31.5 14.1 54.1  
66 44.9 26.6 66.6

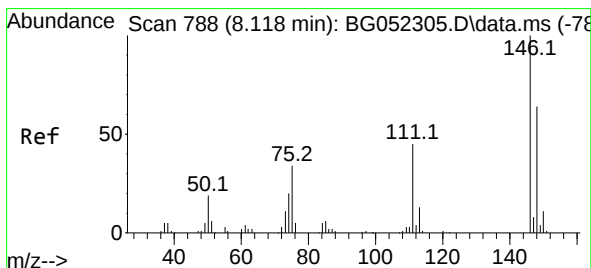
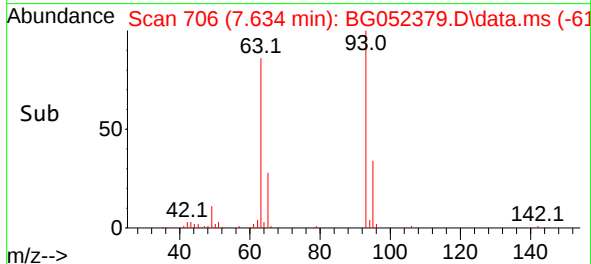
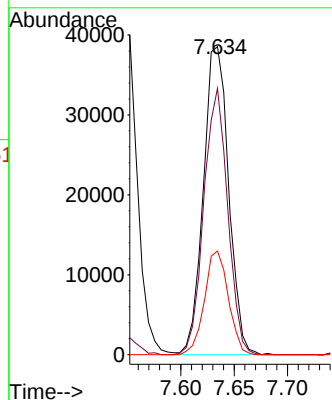
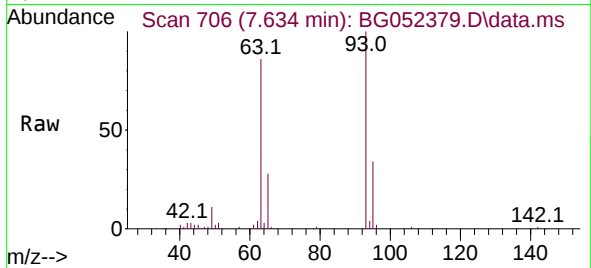




#11  
bis(2-Chloroethyl)ether  
Concen: 33.380 ng  
RT: 7.634 min Scan# 705  
Delta R.T. 0.004 min  
Lab File: BG052379.D  
Acq: 14 Feb 2022 12:03

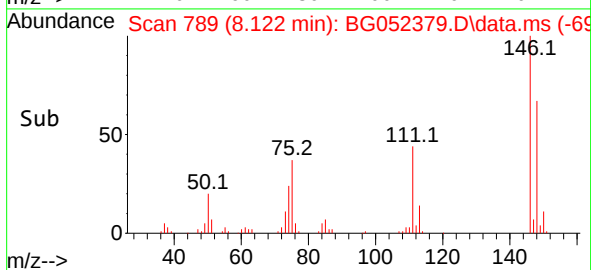
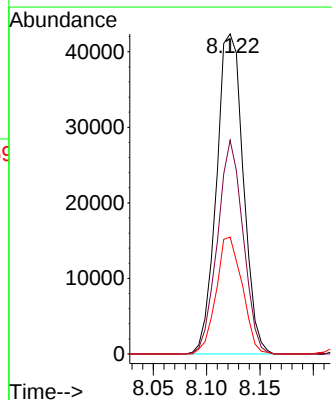
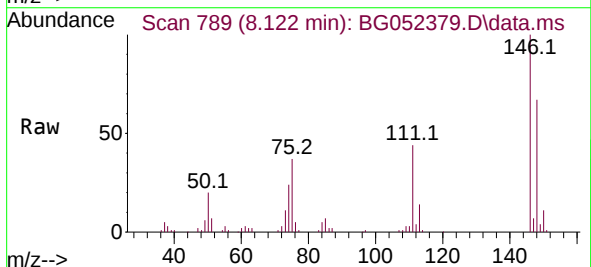
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

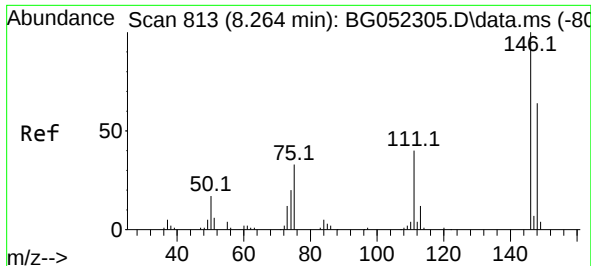
Tgt Ion: 93 Resp: 63622  
Ion Ratio Lower Upper  
93 100  
63 86.5 67.1 107.1  
95 33.7 13.0 53.0



#12  
1,3-Dichlorobenzene  
Concen: 36.310 ng  
RT: 8.122 min Scan# 789  
Delta R.T. 0.004 min  
Lab File: BG052379.D  
Acq: 14 Feb 2022 12:03

Tgt Ion: 146 Resp: 74025  
Ion Ratio Lower Upper  
146 100  
148 66.8 49.1 73.7  
75 36.6 30.9 46.3





#13

1,4-Dichlorobenzene

Concen: 36.220 ng

RT: 8.269 min Scan# 813

Delta R.T. 0.004 min

Lab File: BG052379.D

Acq: 14 Feb 2022 12:03

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

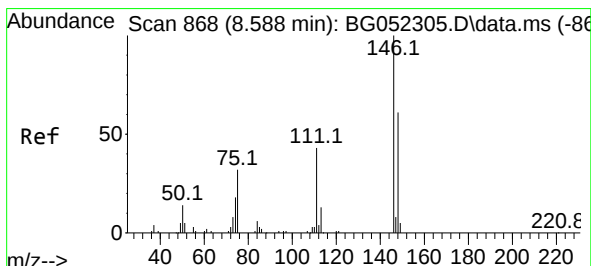
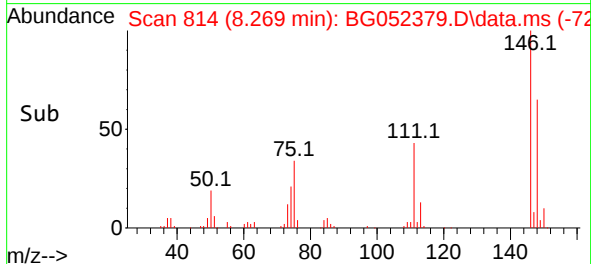
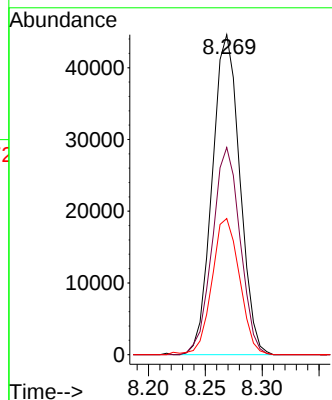
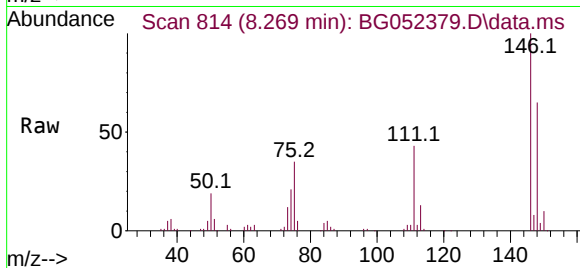
Tgt Ion:146 Resp: 75276

Ion Ratio Lower Upper

146 100

148 64.7 52.6 78.8

111 42.6 33.8 50.8



#14

1,2-Dichlorobenzene

Concen: 35.869 ng

RT: 8.592 min Scan# 869

Delta R.T. 0.004 min

Lab File: BG052379.D

Acq: 14 Feb 2022 12:03

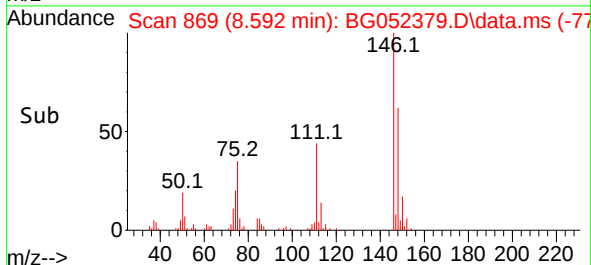
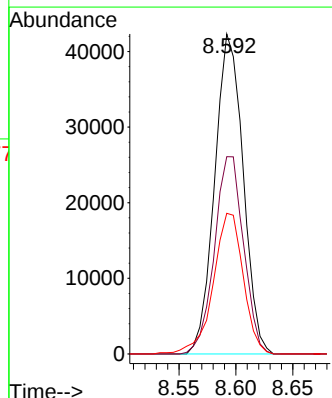
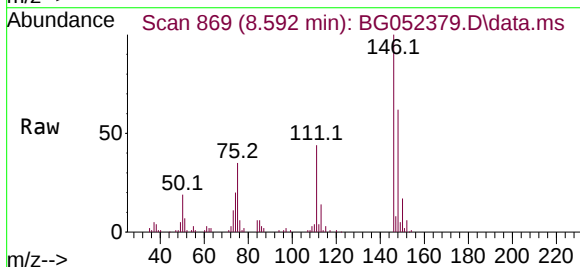
Tgt Ion:146 Resp: 73519

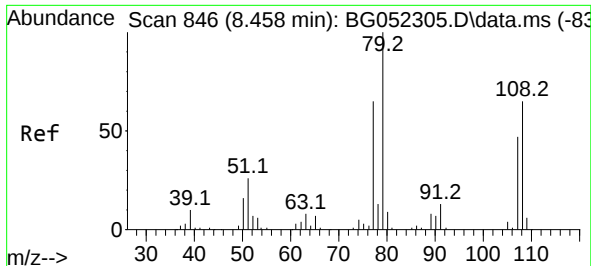
Ion Ratio Lower Upper

146 100

148 61.6 46.5 69.7

111 44.0 37.0 55.4

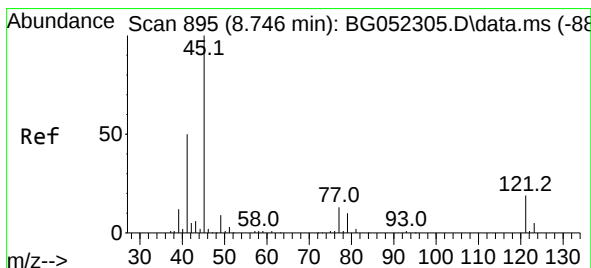
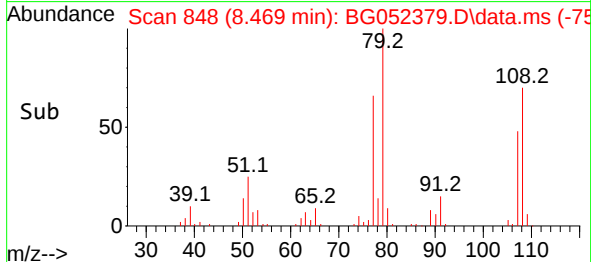
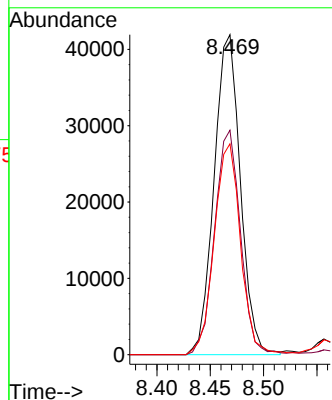
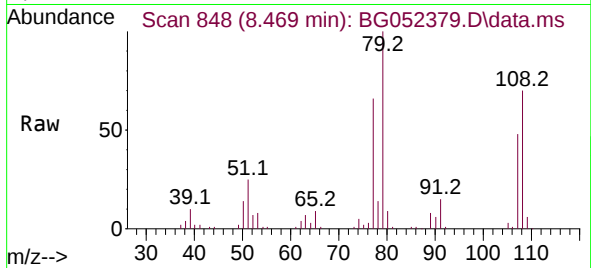




#15  
Benzyl Alcohol  
Concen: 34.474 ng  
RT: 8.469 min Scan# 846  
Delta R.T. 0.010 min  
Lab File: BG052379.D  
Acq: 14 Feb 2022 12:03

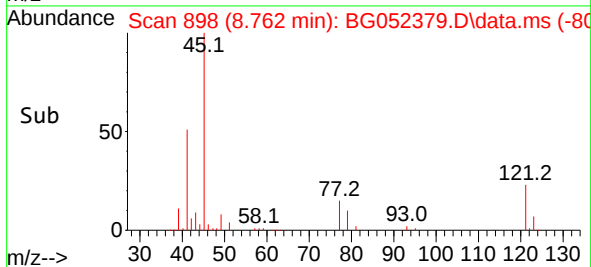
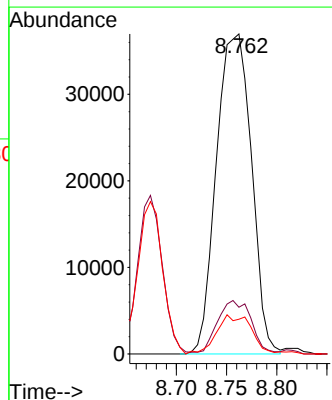
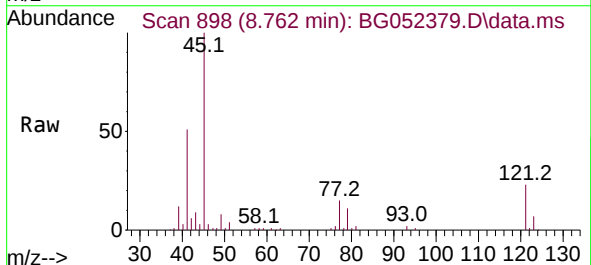
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

Tgt Ion: 79 Resp: 71805  
Ion Ratio Lower Upper  
79 100  
108 70.2 53.8 80.6  
77 65.9 54.4 81.6



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 32.631 ng  
RT: 8.762 min Scan# 898  
Delta R.T. 0.016 min  
Lab File: BG052379.D  
Acq: 14 Feb 2022 12:03

Tgt Ion: 45 Resp: 89810  
Ion Ratio Lower Upper  
45 100  
77 14.6 0.0 33.8  
79 10.8 0.0 31.1





#17

2-Methylphenol

Concen: 35.077 ng

RT: 8.674 min Scan# 881

Delta R.T. 0.010 min

Lab File: BG052379.D

Acq: 14 Feb 2022 12:03

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

Tgt Ion:107 Resp: 57716

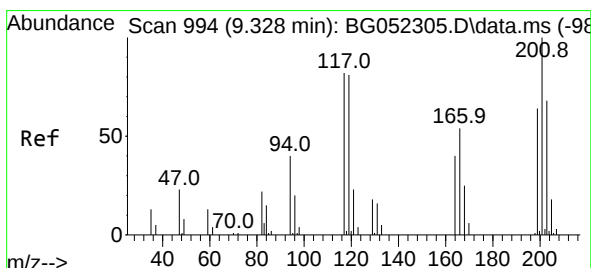
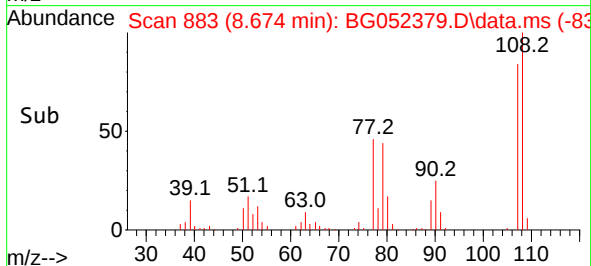
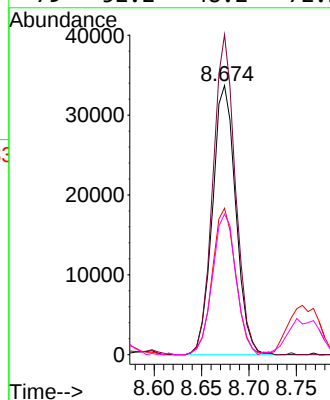
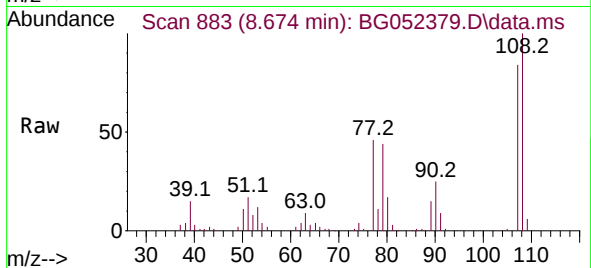
Ion Ratio Lower Upper

107 100

108 118.9 90.3 135.5

77 54.4 49.0 73.6

79 52.2 48.2 72.2



#18

Hexachloroethane

Concen: 36.261 ng

RT: 9.332 min Scan# 995

Delta R.T. 0.004 min

Lab File: BG052379.D

Acq: 14 Feb 2022 12:03

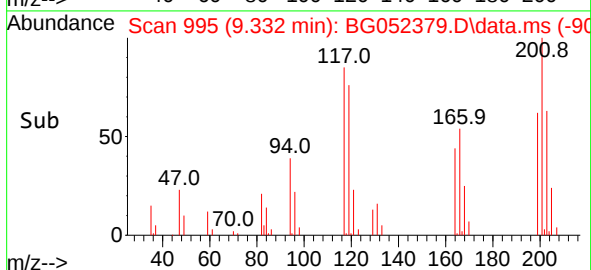
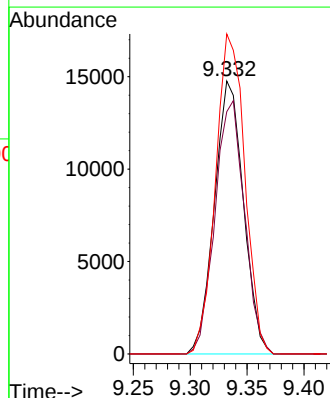
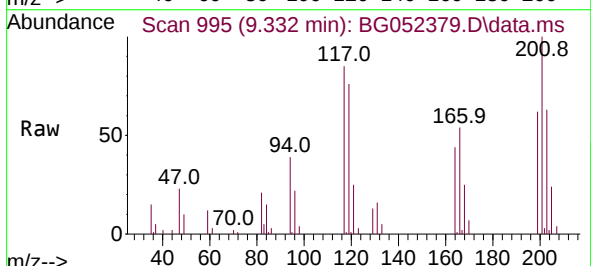
Tgt Ion:117 Resp: 26204

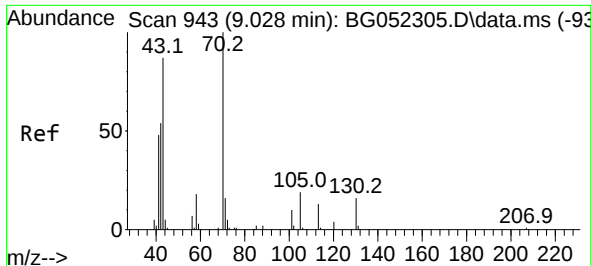
Ion Ratio Lower Upper

117 100

119 88.7 73.5 110.3

201 117.3 91.0 136.6

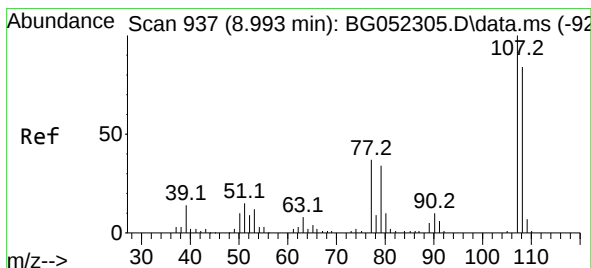
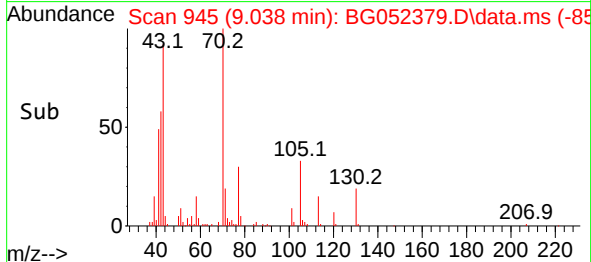
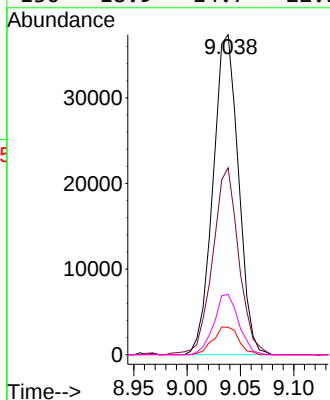
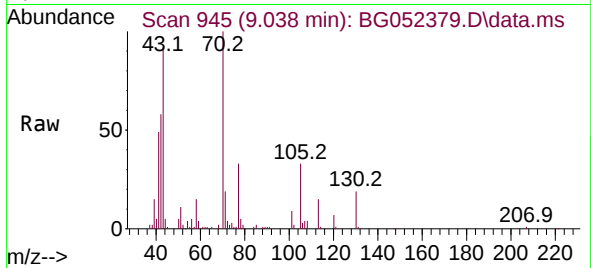




#19  
n-Nitroso-di-n-propylamine  
Concen: 32.755 ng  
RT: 9.038 min Scan# 943  
Delta R.T. 0.010 min  
Lab File: BG052379.D  
Acq: 14 Feb 2022 12:03

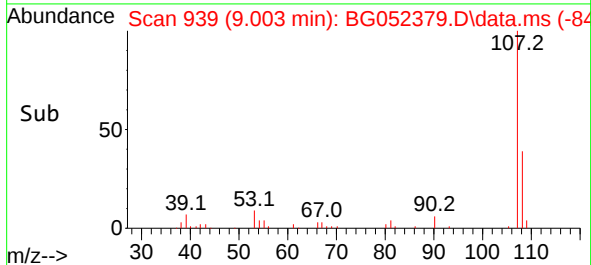
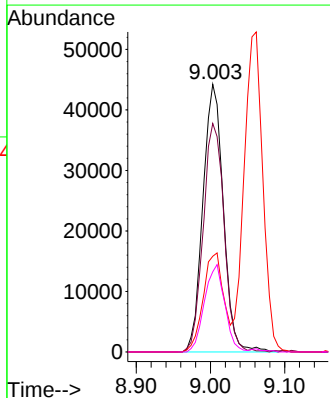
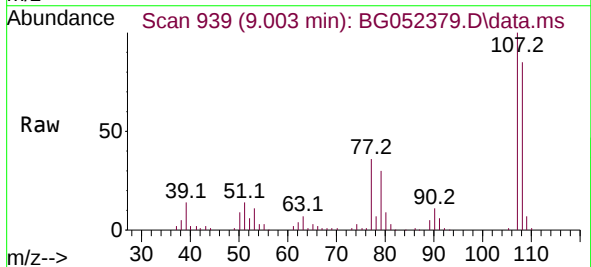
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

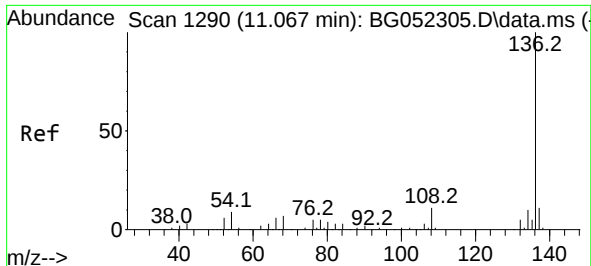
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 70    | Resp: | 61972 |
| Ion      | Ratio | Lower | Upper |
| 70       | 100   |       |       |
| 42       | 58.4  | 51.8  | 77.6  |
| 101      | 8.6   | 6.6   | 10.0  |
| 130      | 18.9  | 14.7  | 22.1  |



#20  
3+4-Methylphenols  
Concen: 35.992 ng  
RT: 9.003 min Scan# 939  
Delta R.T. 0.010 min  
Lab File: BG052379.D  
Acq: 14 Feb 2022 12:03

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 107   | Resp: | 84727 |
| Ion      | Ratio | Lower | Upper |
| 107      | 100   |       |       |
| 108      | 85.4  | 71.9  | 111.9 |
| 77       | 35.8  | 24.6  | 64.6  |
| 79       | 30.0  | 18.2  | 58.2  |

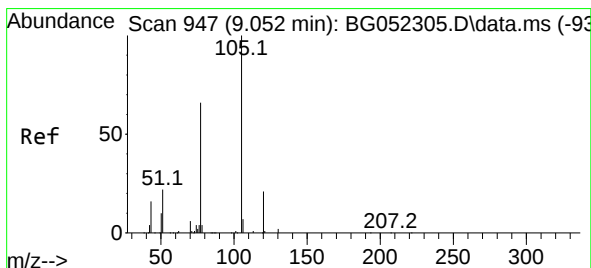
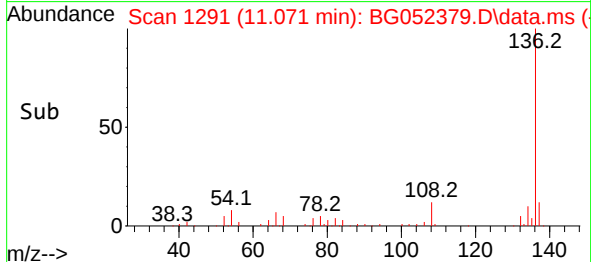
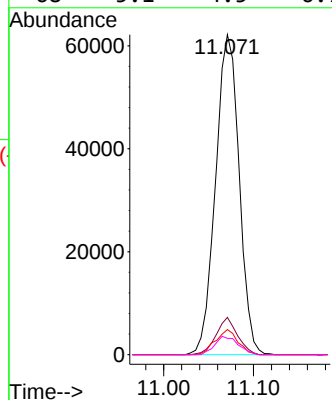
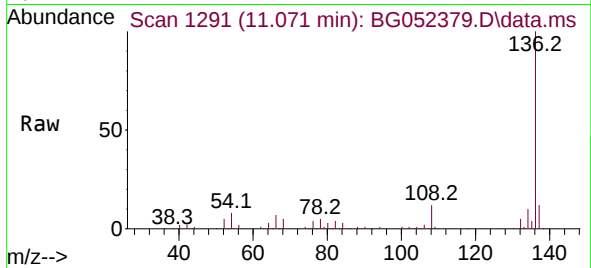




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 11.071 min Scan# 11  
Delta R.T. 0.004 min  
Lab File: BG052379.D  
Acq: 14 Feb 2022 12:03

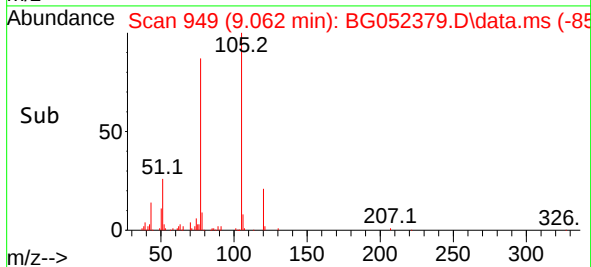
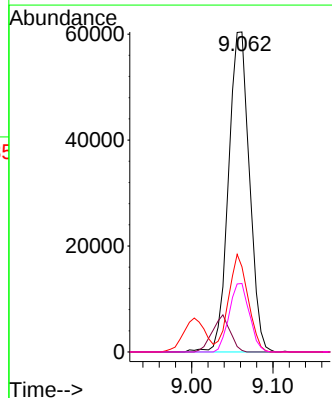
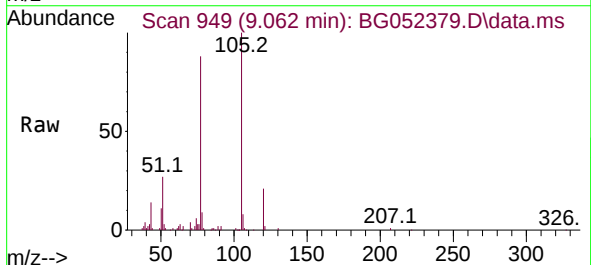
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

Tgt Ion:136 Resp: 113325  
Ion Ratio Lower Upper  
136 100  
137 11.6 9.1 13.7  
54 7.8 8.3 12.5#  
68 5.1 4.5 6.7



#22  
Acetophenone  
Concen: 36.045 ng  
RT: 9.062 min Scan# 949  
Delta R.T. 0.010 min  
Lab File: BG052379.D  
Acq: 14 Feb 2022 12:03

Tgt Ion:105 Resp: 107959  
Ion Ratio Lower Upper  
105 100  
71 0.5 1.8 2.6#  
51 26.6 27.0 40.4#  
120 21.4 16.2 24.4

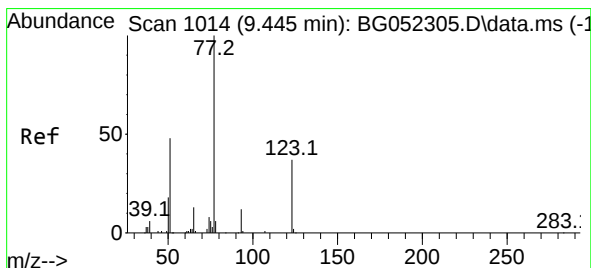
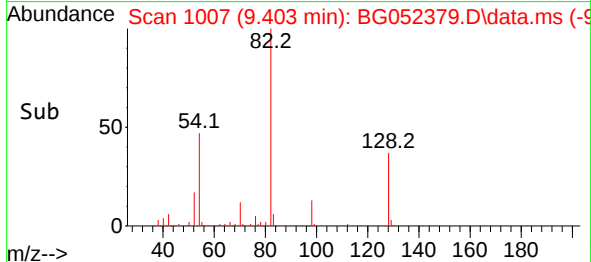
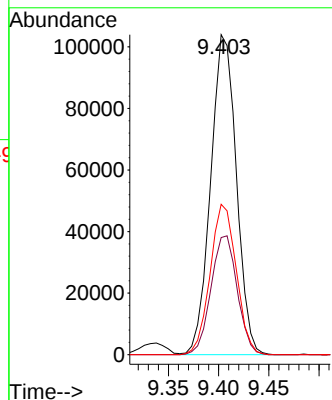
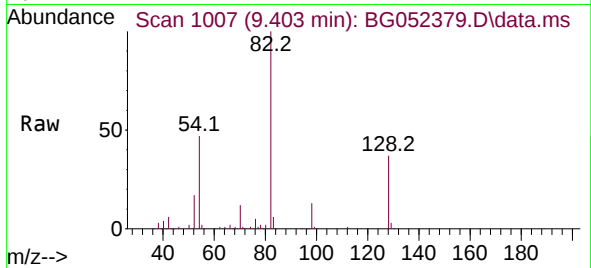




#23  
Nitrobenzene-d5  
Concen: 71.036 ng  
RT: 9.403 min Scan# 1010  
Delta R.T. 0.004 min  
Lab File: BG052379.D  
Acq: 14 Feb 2022 12:03

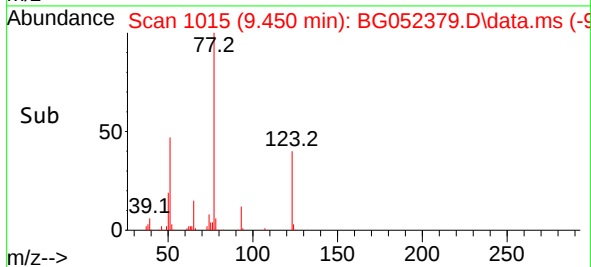
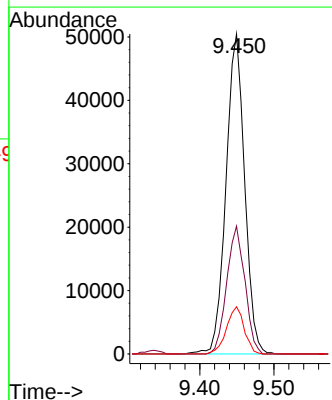
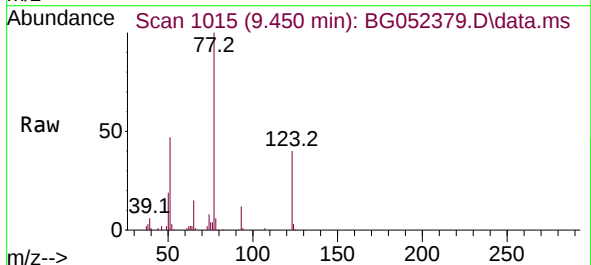
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

Tgt Ion: 82 Resp: 185227  
Ion Ratio Lower Upper  
82 100  
128 36.6 27.0 40.4  
54 47.0 41.0 61.6



#24  
Nitrobenzene  
Concen: 35.569 ng  
RT: 9.450 min Scan# 1015  
Delta R.T. 0.004 min  
Lab File: BG052379.D  
Acq: 14 Feb 2022 12:03

Tgt Ion: 77 Resp: 87977  
Ion Ratio Lower Upper  
77 100  
123 40.0 27.1 40.7  
65 14.7 11.2 16.8

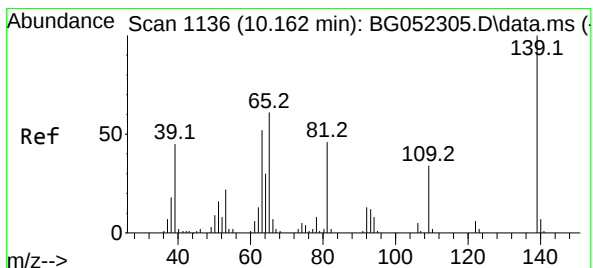
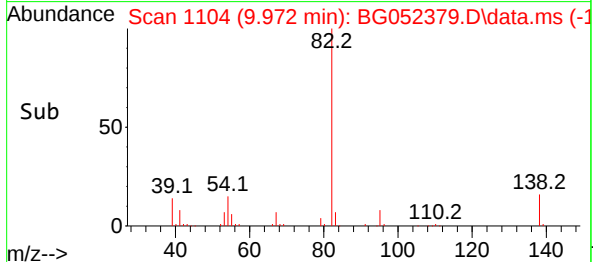
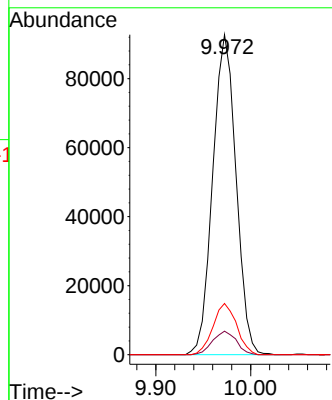
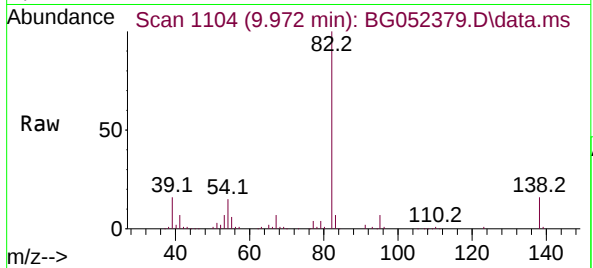




#25  
Isophorone  
Concen: 35.726 ng  
RT: 9.972 min Scan# 1103  
Delta R.T. 0.004 min  
Lab File: BG052379.D  
Acq: 14 Feb 2022 12:03

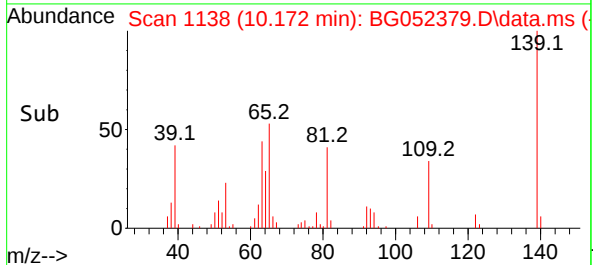
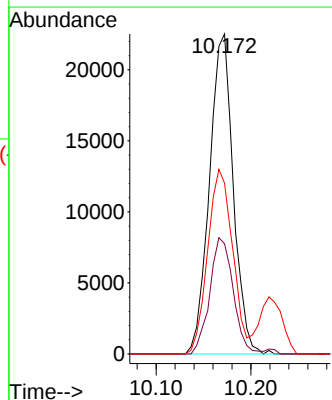
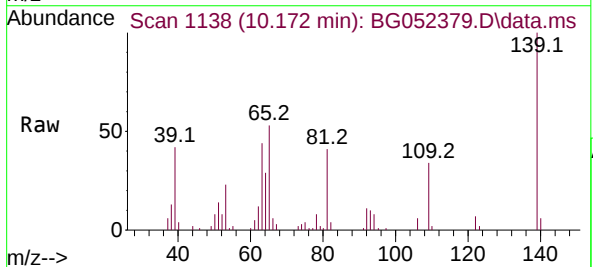
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

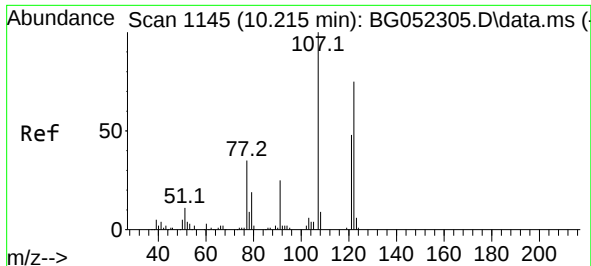
Tgt Ion: 82 Resp: 158502  
Ion Ratio Lower Upper  
82 100  
95 7.4 6.6 9.8  
138 16.0 12.5 18.7



#26  
2-Nitrophenol  
Concen: 37.510 ng  
RT: 10.172 min Scan# 1138  
Delta R.T. 0.010 min  
Lab File: BG052379.D  
Acq: 14 Feb 2022 12:03

Tgt Ion:139 Resp: 39324  
Ion Ratio Lower Upper  
139 100  
109 34.5 30.4 45.6  
65 53.4 55.7 83.5#

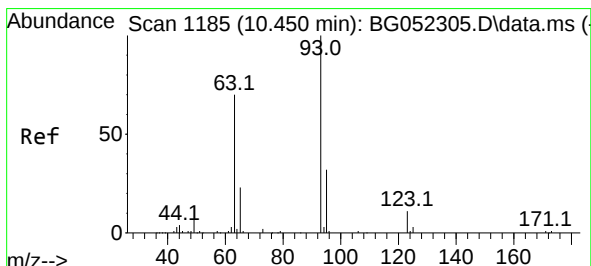
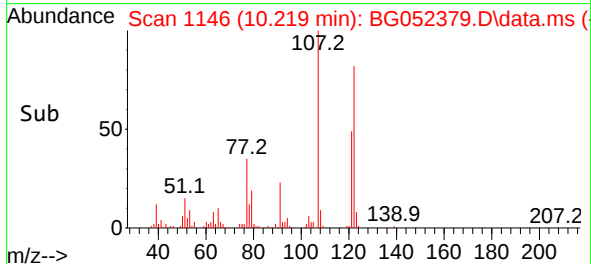
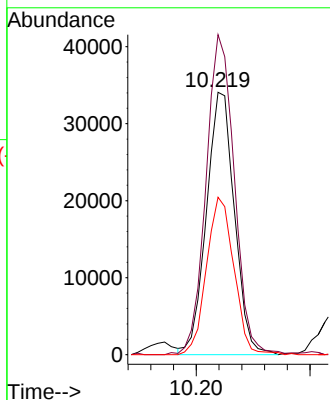
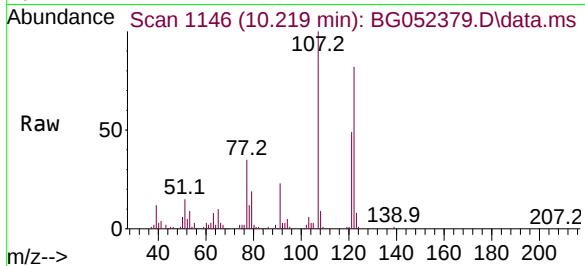




#27  
2,4-Dimethylphenol  
Concen: 37.562 ng  
RT: 10.219 min Scan# 1145  
Delta R.T. 0.004 min  
Lab File: BG052379.D  
Acq: 14 Feb 2022 12:03

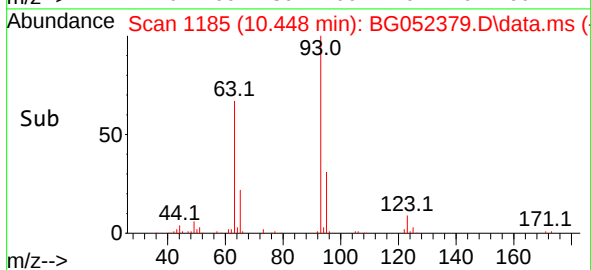
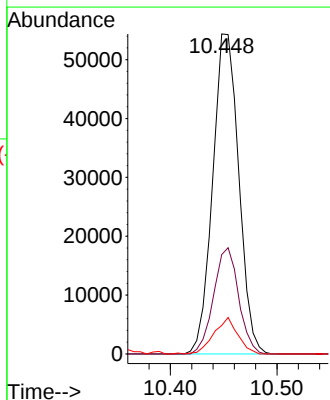
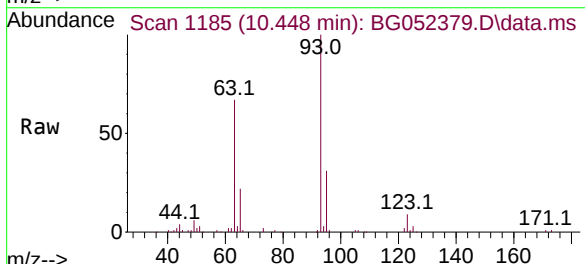
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

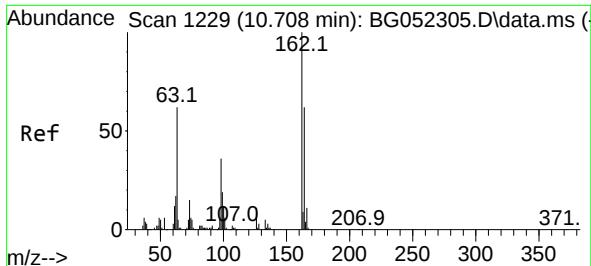
Tgt Ion:122 Resp: 58304  
Ion Ratio Lower Upper  
122 100  
107 122.0 105.8 158.8  
121 60.0 48.6 72.8



#28  
bis(2-Chloroethoxy)methane  
Concen: 36.654 ng  
RT: 10.448 min Scan# 1185  
Delta R.T. -0.002 min  
Lab File: BG052379.D  
Acq: 14 Feb 2022 12:03

Tgt Ion: 93 Resp: 92291  
Ion Ratio Lower Upper  
93 100  
95 31.0 26.1 39.1  
123 8.9 7.6 11.4





#29

2,4-Dichlorophenol

Concen: 36.642 ng

RT: 10.713 min Scan# 1

Delta R.T. 0.004 min

Lab File: BG052379.D

Acq: 14 Feb 2022 12:03

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

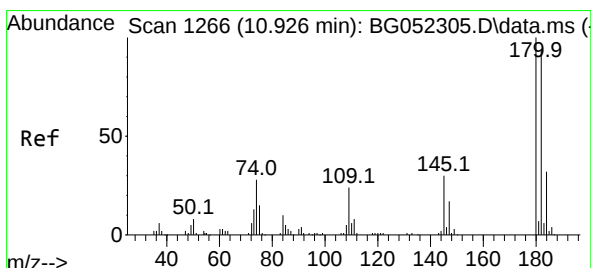
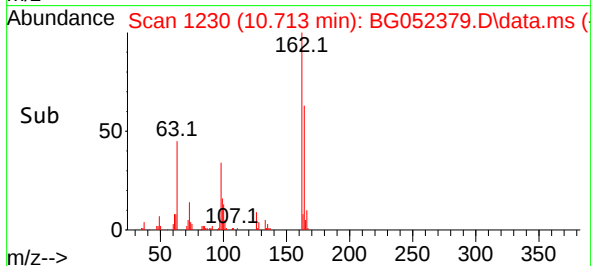
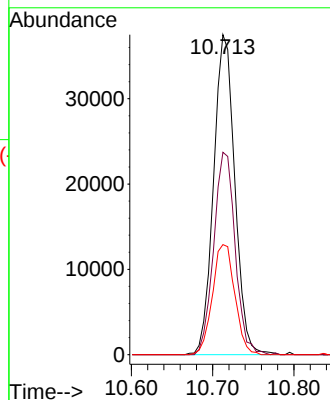
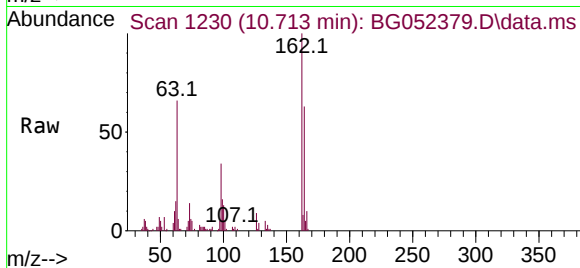
Tgt Ion:162 Resp: 68174

Ion Ratio Lower Upper

162 100

164 63.2 44.3 84.3

98 34.4 17.2 57.2



#30

1,2,4-Trichlorobenzene

Concen: 36.170 ng

RT: 10.930 min Scan# 1267

Delta R.T. 0.004 min

Lab File: BG052379.D

Acq: 14 Feb 2022 12:03

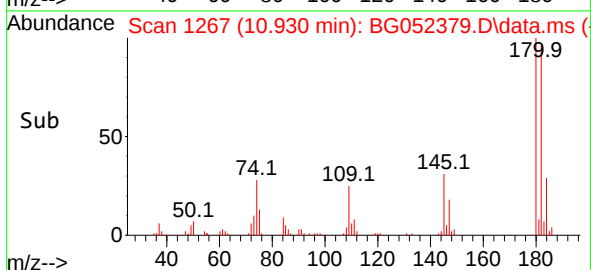
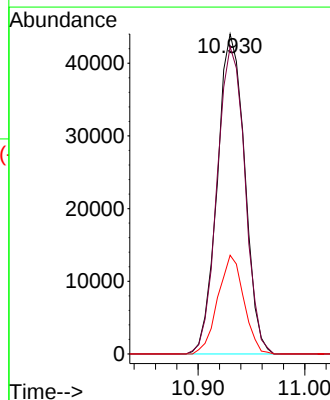
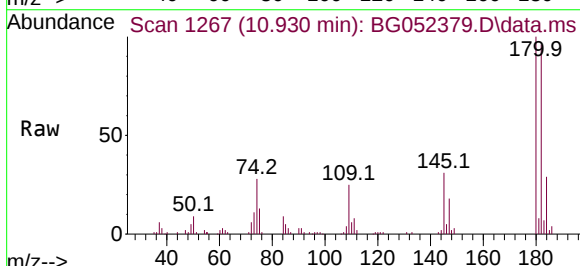
Tgt Ion:180 Resp: 78581

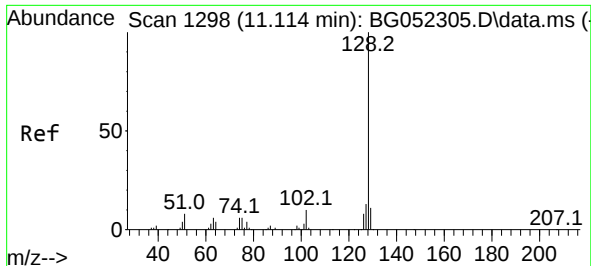
Ion Ratio Lower Upper

180 100

182 96.0 76.1 114.1

145 30.9 24.0 36.0

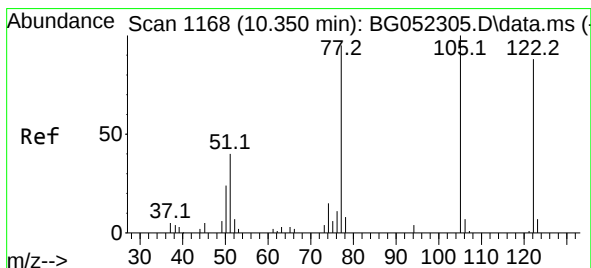
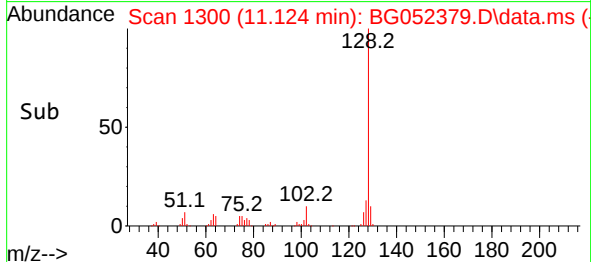
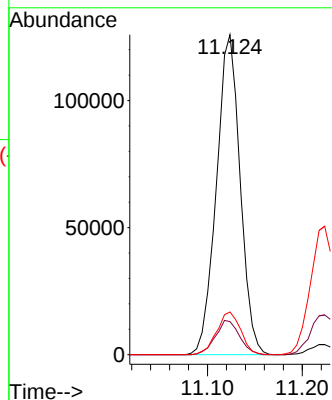
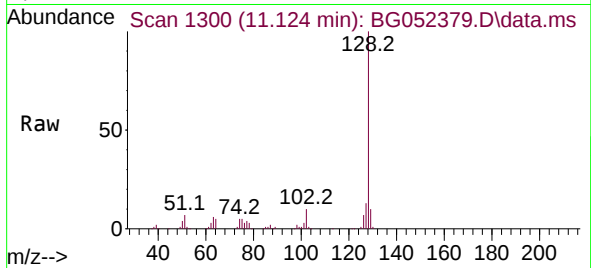




#31  
Naphthalene  
Concen: 36.834 ng  
RT: 11.124 min Scan# 11  
Delta R.T. 0.010 min  
Lab File: BG052379.D  
Acq: 14 Feb 2022 12:03

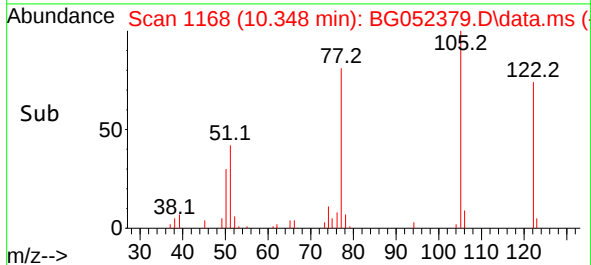
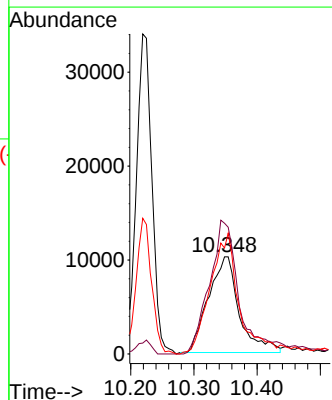
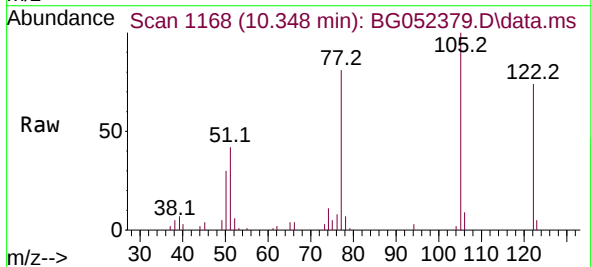
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

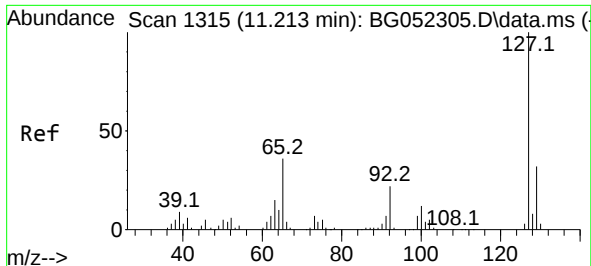
Tgt Ion:128 Resp: 218829  
Ion Ratio Lower Upper  
128 100  
129 10.3 9.8 14.6  
127 13.3 12.0 18.0



#32  
Benzoic acid  
Concen: 36.092 ng  
RT: 10.348 min Scan# 1168  
Delta R.T. -0.002 min  
Lab File: BG052379.D  
Acq: 14 Feb 2022 12:03

Tgt Ion:122 Resp: 34523  
Ion Ratio Lower Upper  
122 100  
105 134.6 109.2 149.2  
77 109.0 92.8 132.8

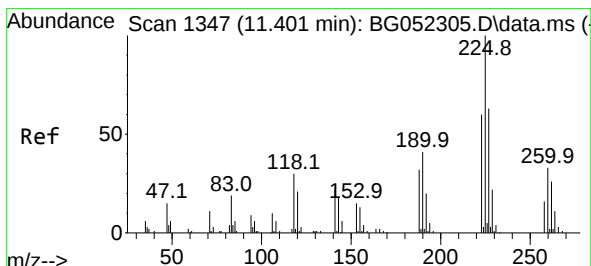
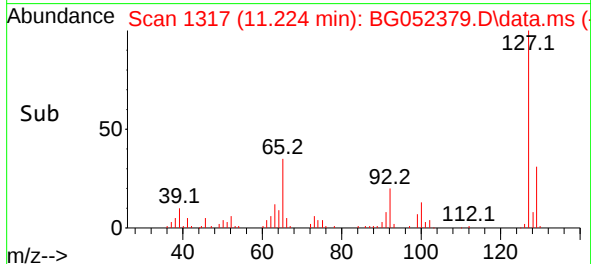
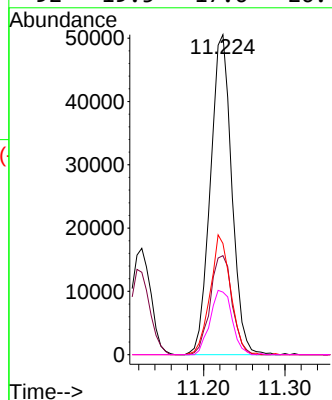
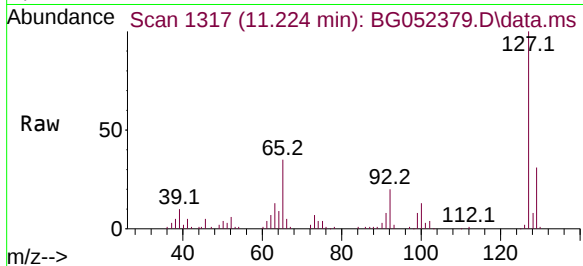




#33  
4-Chloroaniline  
Concen: 37.151 ng  
RT: 11.224 min Scan# 11  
Delta R.T. 0.010 min  
Lab File: BG052379.D  
Acq: 14 Feb 2022 12:03

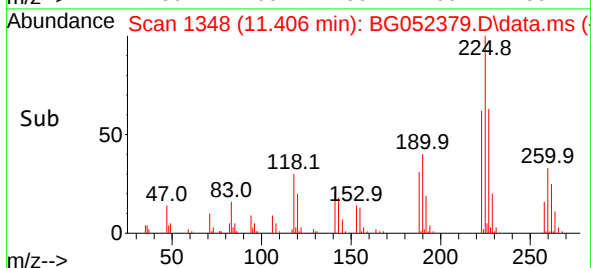
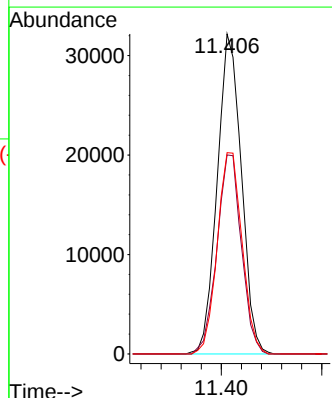
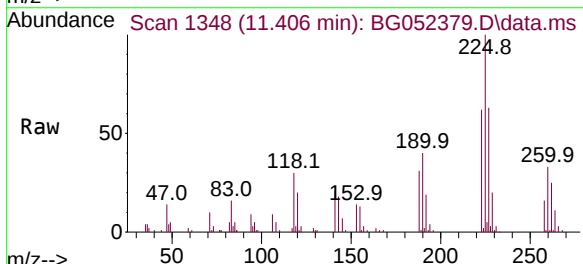
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:127 | Resp: | 92149     |
| Ion Ratio   | Lower | Upper     |
| 127         | 100   |           |
| 129         | 30.9  | 27.0 40.6 |
| 65          | 34.7  | 28.7 43.1 |
| 92          | 19.5  | 17.6 26.4 |



#34  
Hexachlorobutadiene  
Concen: 36.602 ng  
RT: 11.406 min Scan# 1348  
Delta R.T. 0.004 min  
Lab File: BG052379.D  
Acq: 14 Feb 2022 12:03

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:225 | Resp: | 53704     |
| Ion Ratio   | Lower | Upper     |
| 225         | 100   |           |
| 223         | 62.2  | 51.6 77.4 |
| 227         | 62.9  | 53.9 80.9 |

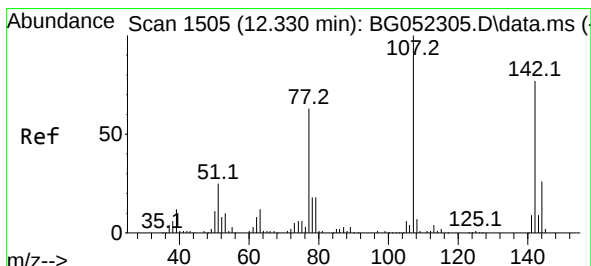
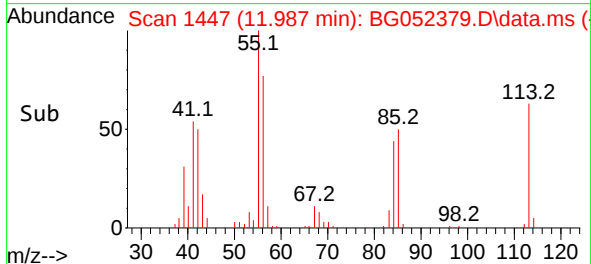
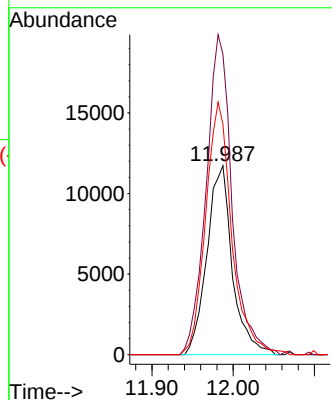
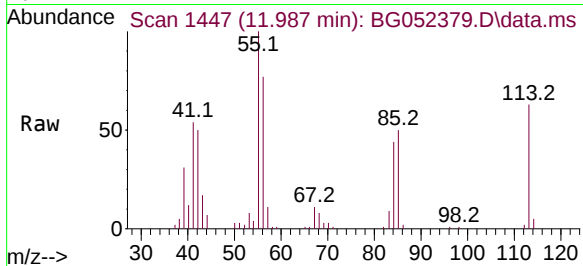




#35  
 Caprolactam  
 Concen: 37.563 ng  
 RT: 11.987 min Scan# 1445  
 Delta R.T. 0.010 min  
 Lab File: BG052379.D  
 Acq: 14 Feb 2022 12:03

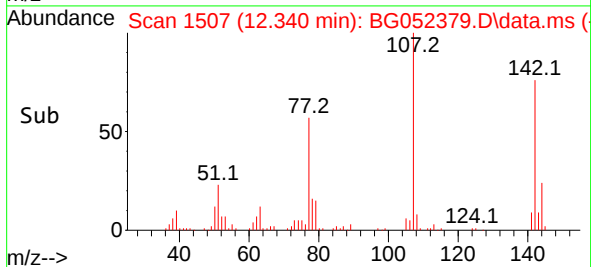
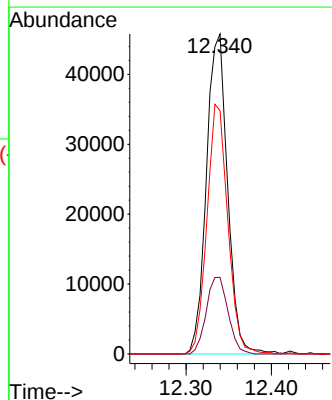
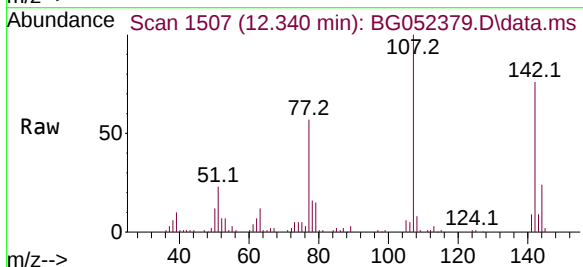
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

Tgt Ion:113 Resp: 25469  
 Ion Ratio Lower Upper  
 113 100  
 55 159.0 161.4 201.4#  
 56 121.9 132.6 172.6#



#36  
 4-Chloro-3-methylphenol  
 Concen: 37.277 ng  
 RT: 12.340 min Scan# 1507  
 Delta R.T. 0.010 min  
 Lab File: BG052379.D  
 Acq: 14 Feb 2022 12:03

Tgt Ion:107 Resp: 78902  
 Ion Ratio Lower Upper  
 107 100  
 144 24.0 19.3 28.9  
 142 76.0 63.9 95.9





#37

2-Methylnaphthalene

Concen: 36.208 ng

RT: 12.716 min Scan# 1

Delta R.T. 0.004 min

Lab File: BG052379.D

Acq: 14 Feb 2022 12:03

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

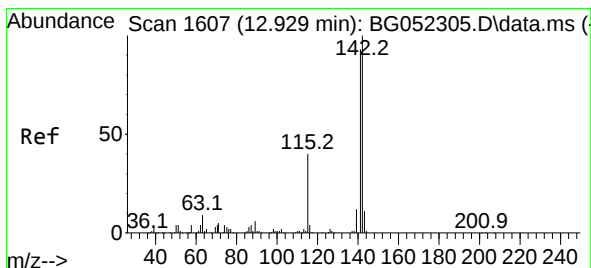
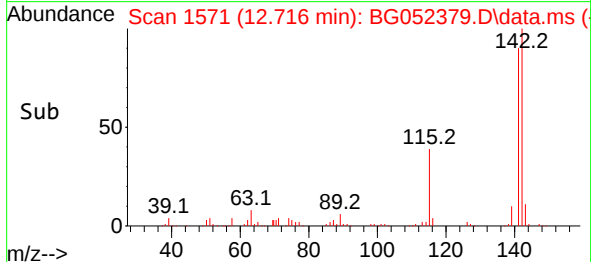
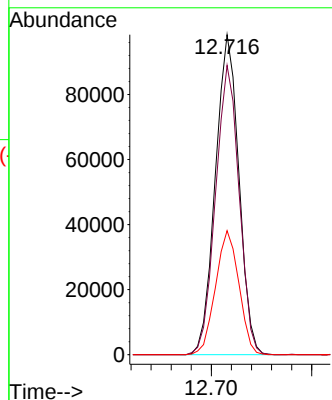
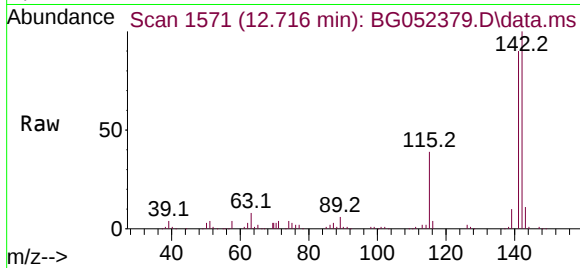
Tgt Ion:142 Resp: 159774

Ion Ratio Lower Upper

142 100

141 90.4 71.7 107.5

115 38.8 32.2 48.4



#38

1-Methylnaphthalene

Concen: 36.470 ng

RT: 12.933 min Scan# 1608

Delta R.T. 0.004 min

Lab File: BG052379.D

Acq: 14 Feb 2022 12:03

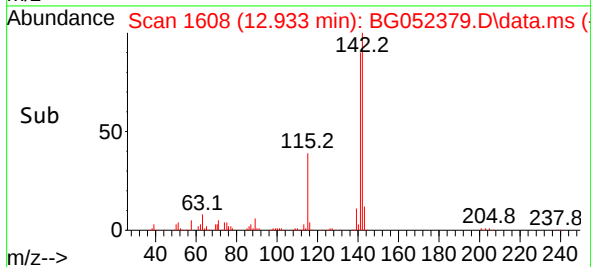
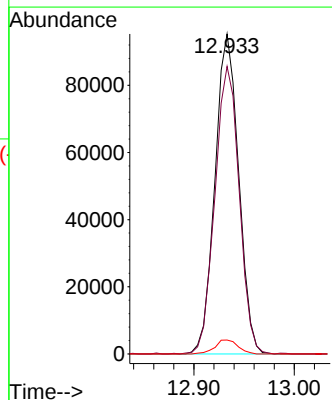
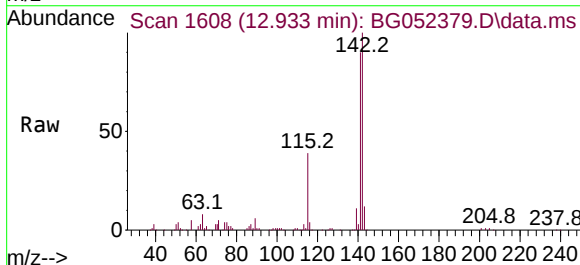
Tgt Ion:142 Resp: 155939

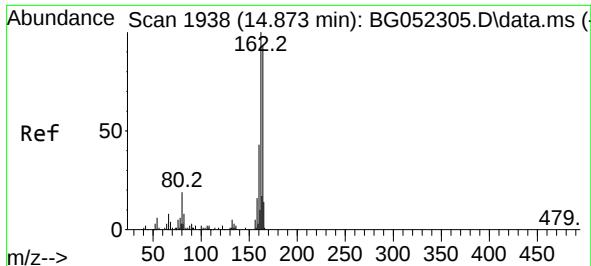
Ion Ratio Lower Upper

142 100

141 89.8 75.0 112.4

116 4.4 4.2 6.4

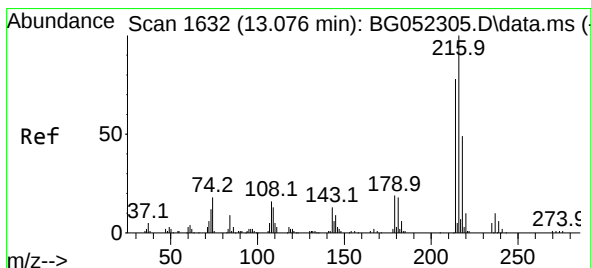
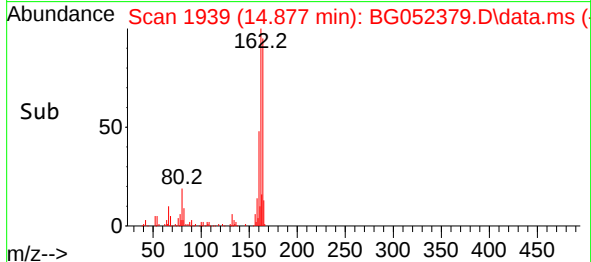
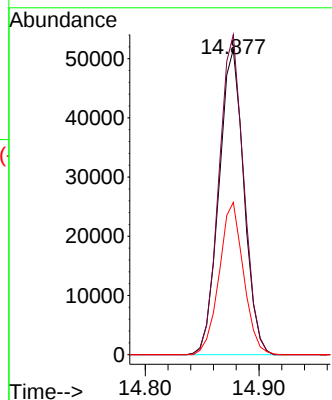
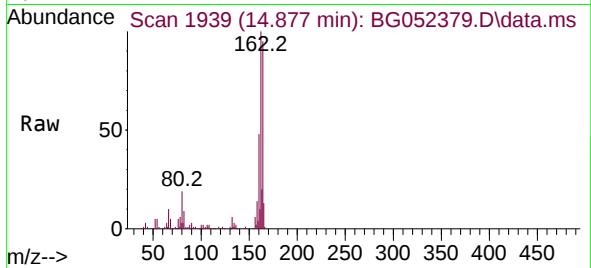




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.877 min Scan# 1938  
Delta R.T. 0.004 min  
Lab File: BG052379.D  
Acq: 14 Feb 2022 12:03

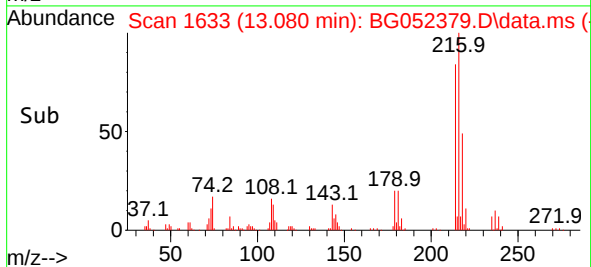
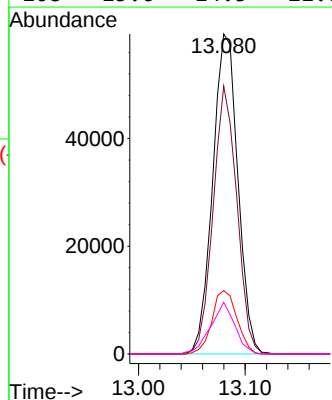
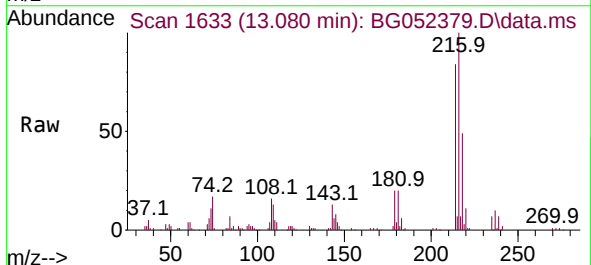
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

Tgt Ion:164 Resp: 78655  
Ion Ratio Lower Upper  
164 100  
162 104.8 82.2 123.2  
160 49.9 36.2 54.2



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 37.621 ng  
RT: 13.080 min Scan# 1633  
Delta R.T. 0.004 min  
Lab File: BG052379.D  
Acq: 14 Feb 2022 12:03

Tgt Ion:216 Resp: 97329  
Ion Ratio Lower Upper  
216 100  
214 78.7 63.2 94.8  
179 19.7 16.3 24.5  
108 15.6 14.5 21.7

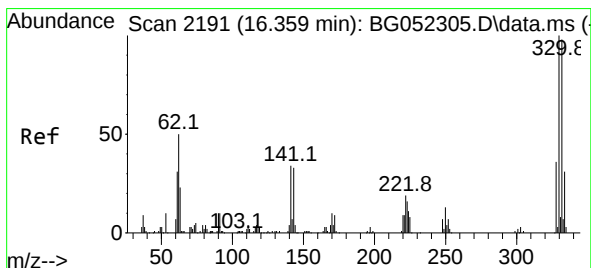
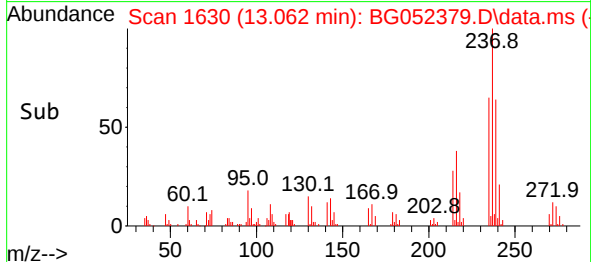
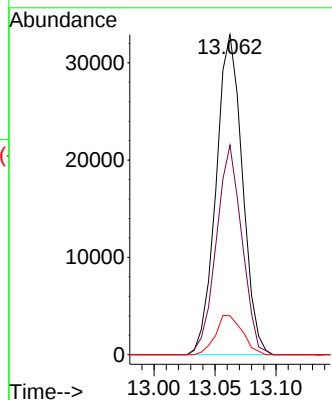
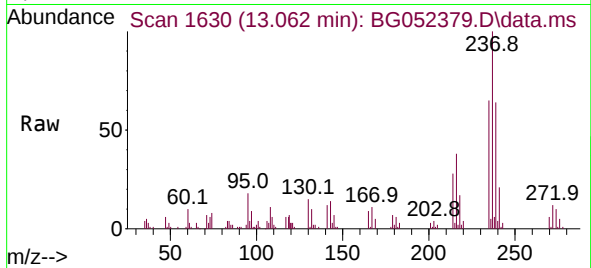




#41  
Hexachlorocyclopentadiene  
Concen: 42.311 ng  
RT: 13.062 min Scan# 1  
Delta R.T. 0.004 min  
Lab File: BG052379.D  
Acq: 14 Feb 2022 12:03

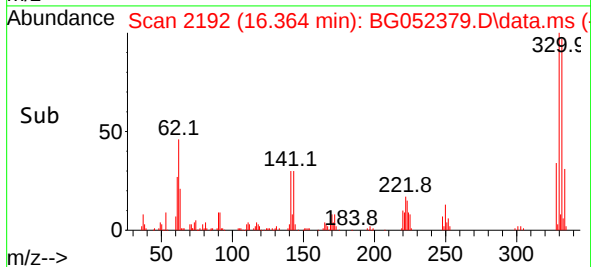
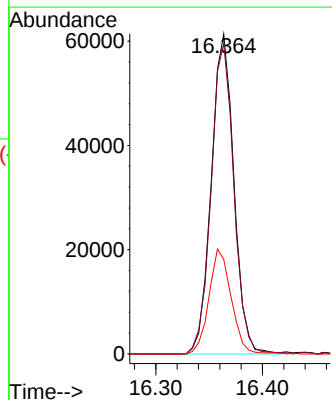
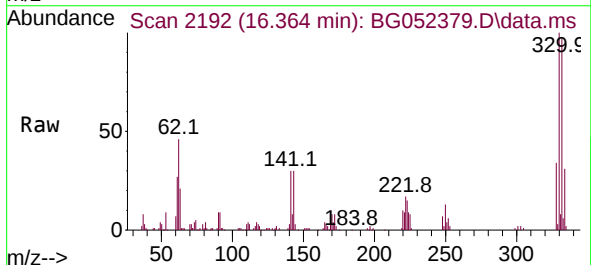
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

Tgt Ion:237 Resp: 49422  
Ion Ratio Lower Upper  
237 100  
235 65.5 45.9 85.9  
272 12.1 0.0 33.0



#42  
2,4,6-Tribromophenol  
Concen: 79.858 ng  
RT: 16.364 min Scan# 2192  
Delta R.T. 0.005 min  
Lab File: BG052379.D  
Acq: 14 Feb 2022 12:03

Tgt Ion:330 Resp: 90240  
Ion Ratio Lower Upper  
330 100  
332 97.3 78.6 117.8  
141 32.3 28.8 43.2

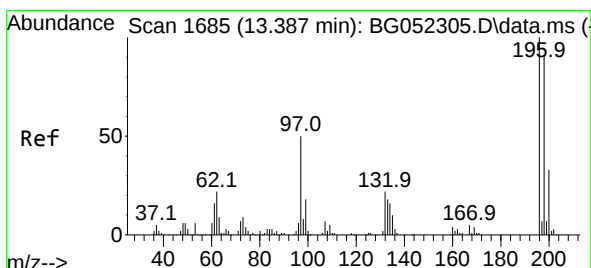
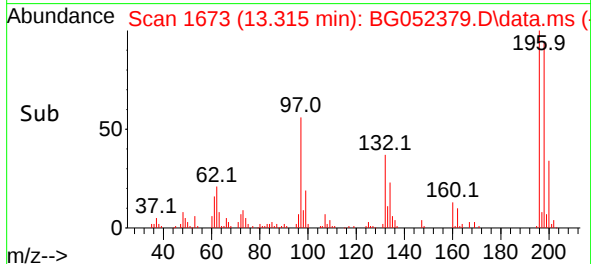
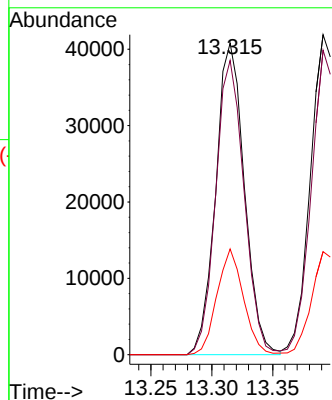
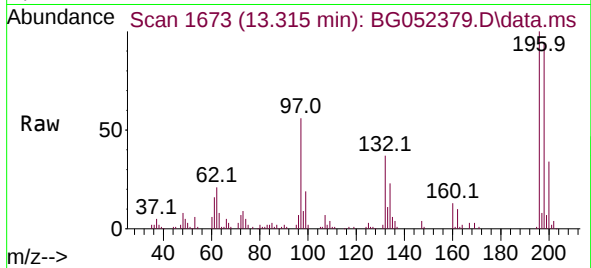




#43  
2,4,6-Trichlorophenol  
Concen: 39.436 ng  
RT: 13.315 min Scan# 1  
Delta R.T. 0.004 min  
Lab File: BG052379.D  
Acq: 14 Feb 2022 12:03

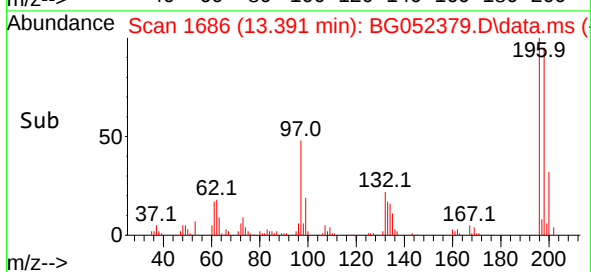
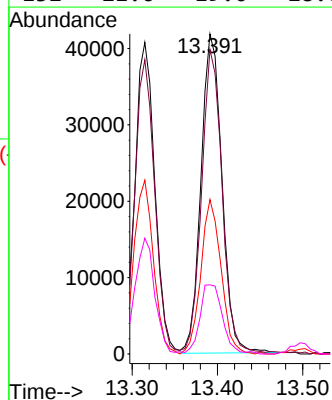
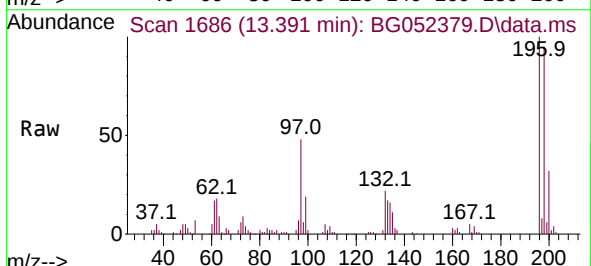
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

Tgt Ion:196 Resp: 66725  
Ion Ratio Lower Upper  
196 100  
198 94.5 78.4 117.6  
200 33.9 28.5 42.7



#44  
2,4,5-Trichlorophenol  
Concen: 38.992 ng  
RT: 13.391 min Scan# 1686  
Delta R.T. 0.004 min  
Lab File: BG052379.D  
Acq: 14 Feb 2022 12:03

Tgt Ion:196 Resp: 71495  
Ion Ratio Lower Upper  
196 100  
198 95.1 78.6 118.0  
97 48.2 43.8 65.8  
132 21.6 19.0 28.6

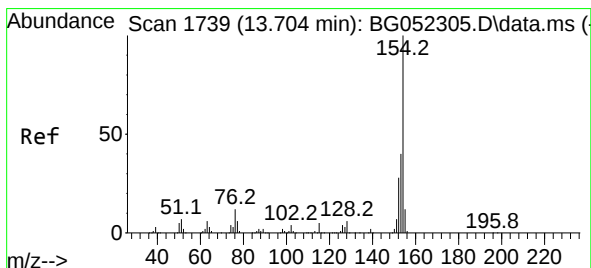
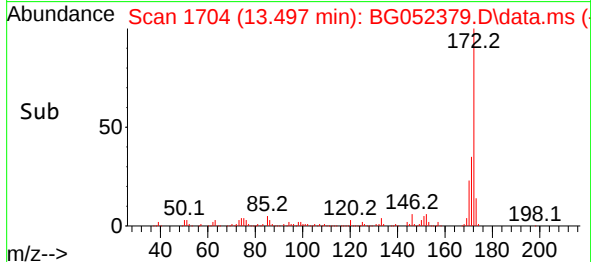
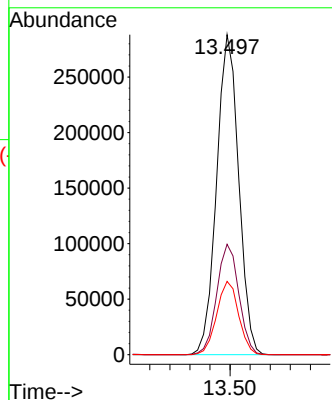
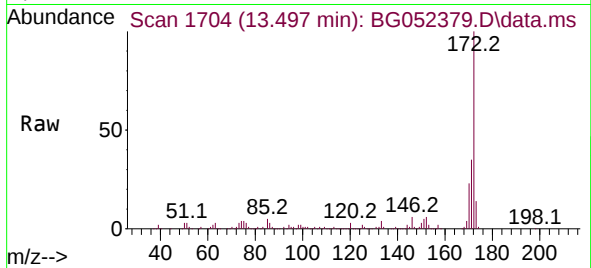




#45  
2-Fluorobiphenyl  
Concen: 77.575 ng  
RT: 13.497 min Scan# 1703  
Delta R.T. 0.004 min  
Lab File: BG052379.D  
Acq: 14 Feb 2022 12:03

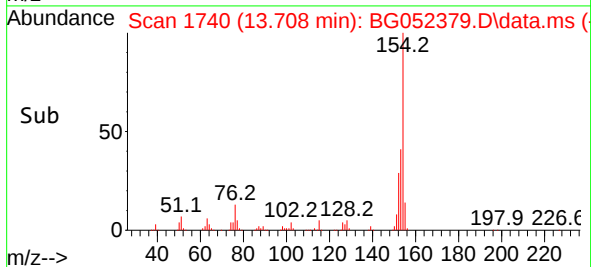
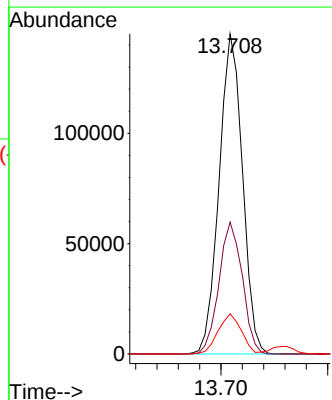
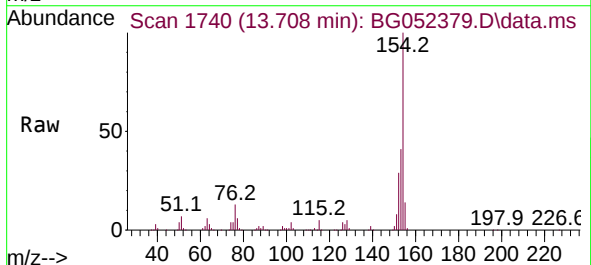
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

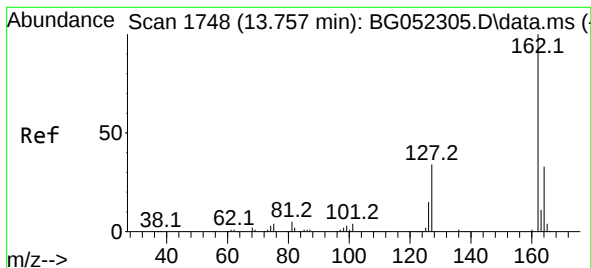
Tgt Ion:172 Resp: 439116  
Ion Ratio Lower Upper  
172 100  
171 34.5 28.3 42.5  
170 22.9 18.3 27.5



#46  
1,1'-Biphenyl  
Concen: 38.217 ng  
RT: 13.708 min Scan# 1740  
Delta R.T. 0.004 min  
Lab File: BG052379.D  
Acq: 14 Feb 2022 12:03

Tgt Ion:154 Resp: 220424  
Ion Ratio Lower Upper  
154 100  
153 41.2 21.1 61.1  
76 12.6 0.0 32.6

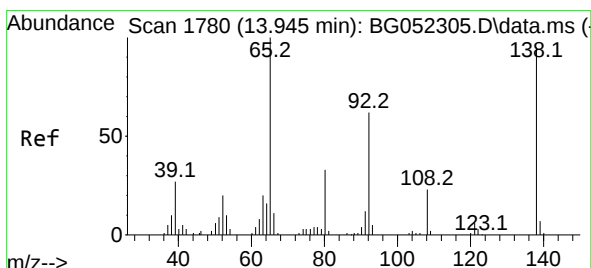
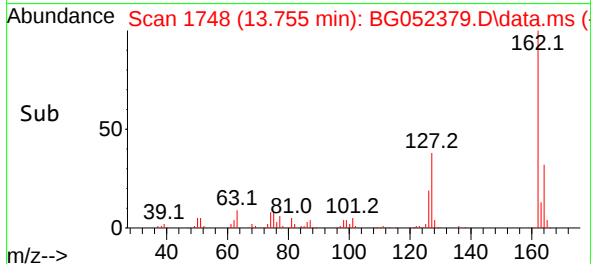
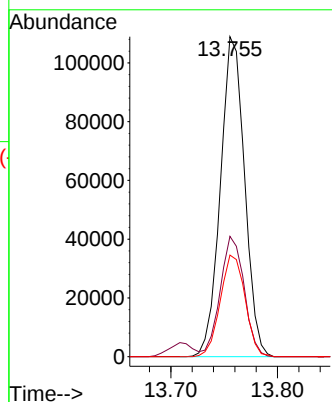
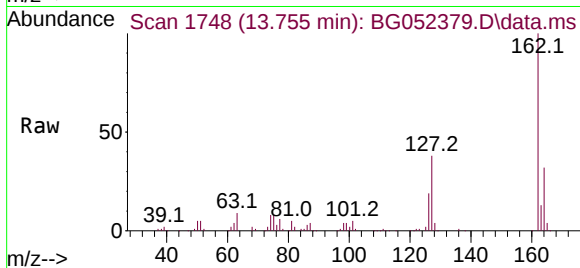




#47  
2-Chloronaphthalene  
Concen: 38.614 ng  
RT: 13.755 min Scan# 1748  
Delta R.T. -0.002 min  
Lab File: BG052379.D  
Acq: 14 Feb 2022 12:03

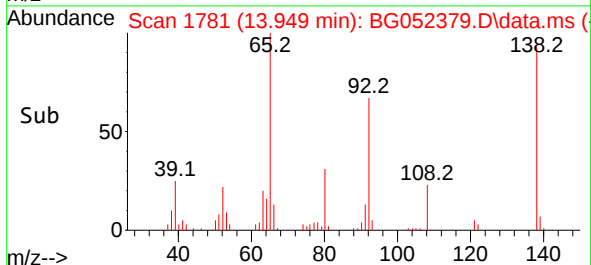
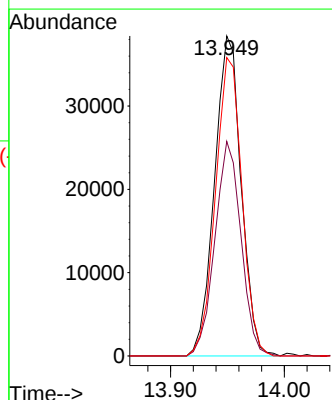
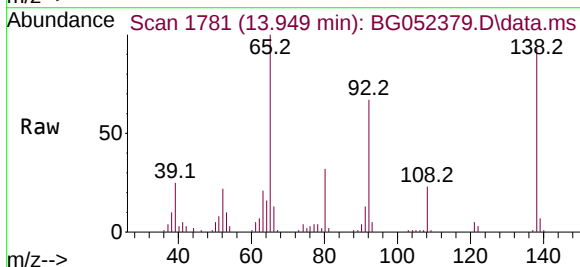
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

Tgt Ion:162 Resp: 171581  
Ion Ratio Lower Upper  
162 100  
127 37.6 30.4 45.6  
164 31.7 25.0 37.4



#48  
2-Nitroaniline  
Concen: 39.508 ng  
RT: 13.949 min Scan# 1781  
Delta R.T. 0.004 min  
Lab File: BG052379.D  
Acq: 14 Feb 2022 12:03

Tgt Ion: 65 Resp: 62502  
Ion Ratio Lower Upper  
65 100  
92 67.0 51.0 76.6  
138 93.3 72.4 108.6

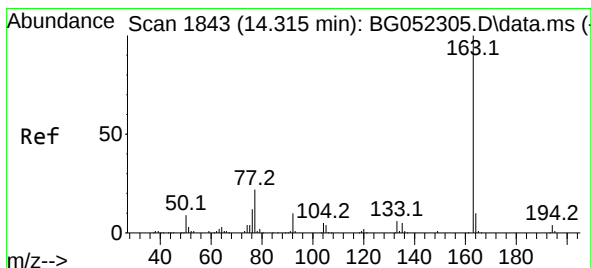
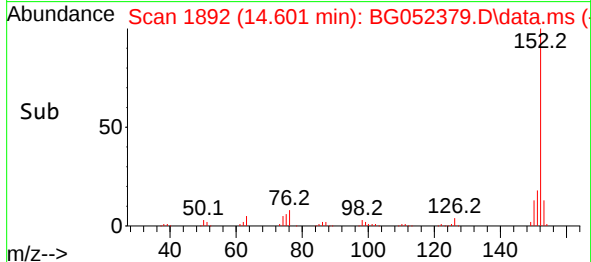
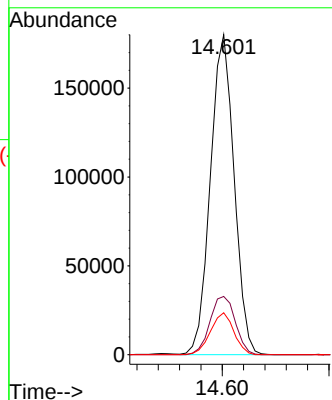
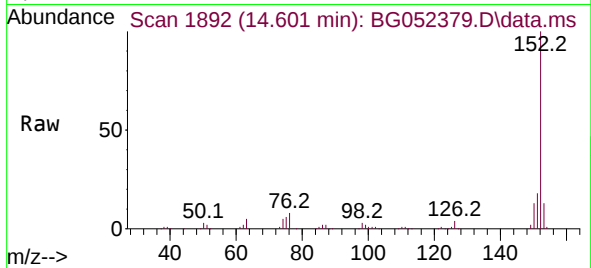




#49  
Acenaphthylene  
Concen: 38.500 ng  
RT: 14.601 min Scan# 1892  
Delta R.T. 0.004 min  
Lab File: BG052379.D  
Acq: 14 Feb 2022 12:03

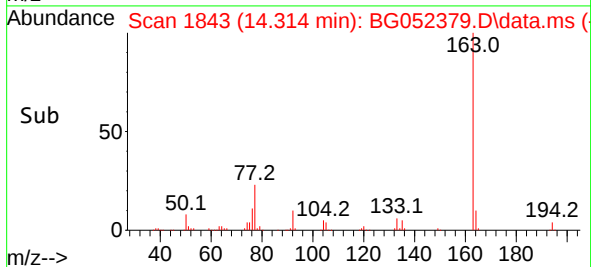
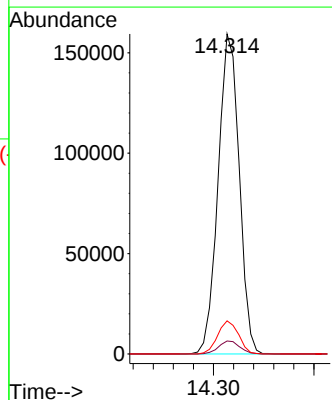
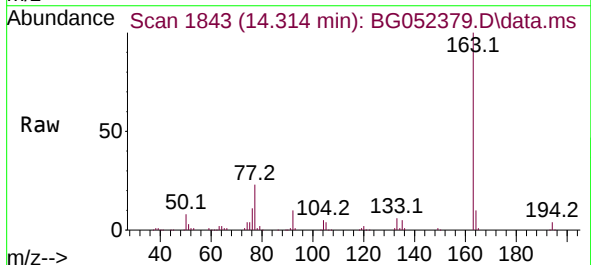
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

Tgt Ion:152 Resp: 278487  
Ion Ratio Lower Upper  
152 100  
151 18.2 16.1 24.1  
153 13.1 10.8 16.2



#50  
Dimethylphthalate  
Concen: 38.549 ng  
RT: 14.314 min Scan# 1843  
Delta R.T. -0.002 min  
Lab File: BG052379.D  
Acq: 14 Feb 2022 12:03

Tgt Ion:163 Resp: 232275  
Ion Ratio Lower Upper  
163 100  
194 4.1 3.4 5.2  
164 10.4 8.4 12.6

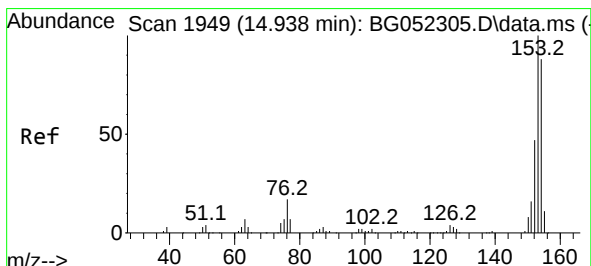
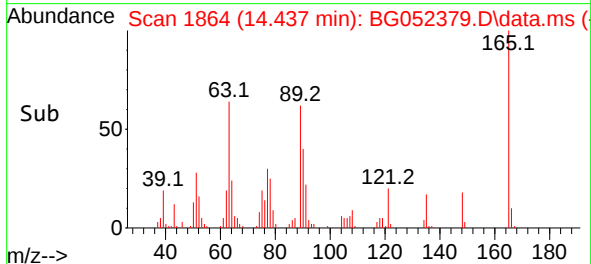
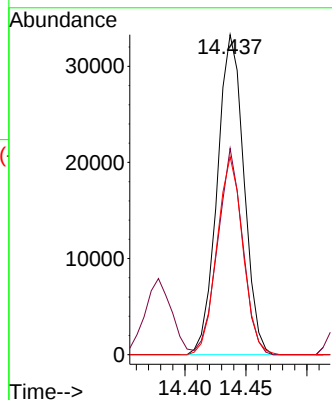
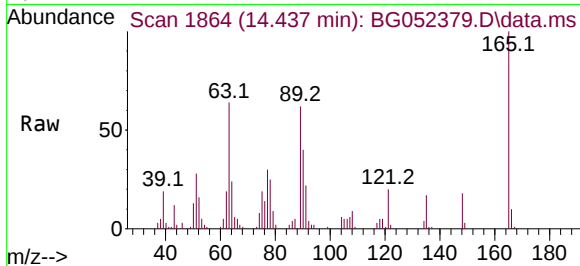




#51  
2,6-Dinitrotoluene  
Concen: 38.919 ng  
RT: 14.437 min Scan# 1863  
Delta R.T. 0.004 min  
Lab File: BG052379.D  
Acq: 14 Feb 2022 12:03

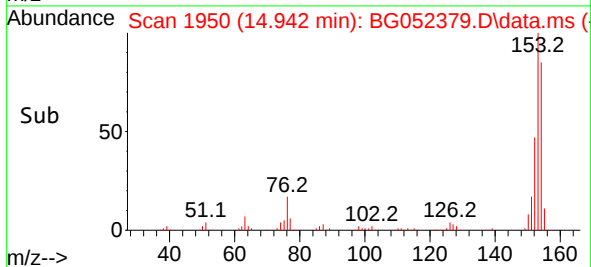
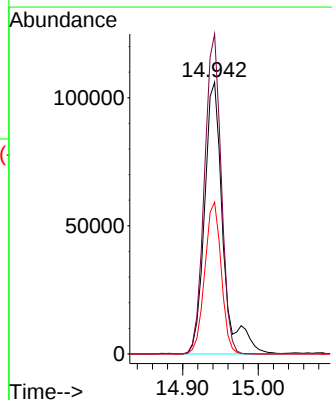
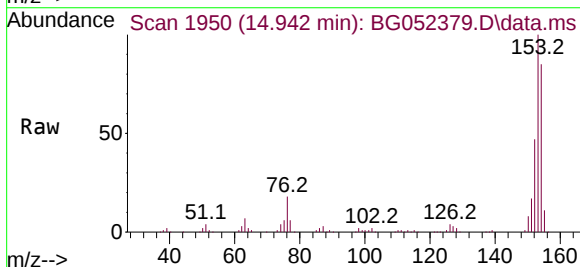
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

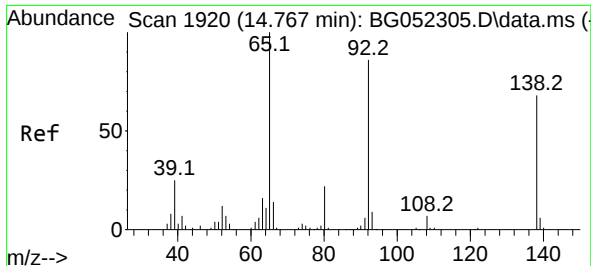
Tgt Ion:165 Resp: 50604  
Ion Ratio Lower Upper  
165 100  
63 64.5 59.0 88.4  
89 61.9 49.4 74.0



#52  
Acenaphthene  
Concen: 37.904 ng m  
RT: 14.942 min Scan# 1950  
Delta R.T. 0.004 min  
Lab File: BG052379.D  
Acq: 14 Feb 2022 12:03

Tgt Ion:154 Resp: 179559  
Ion Ratio Lower Upper  
154 100  
153 117.8 91.9 137.9  
152 55.9 43.4 65.2

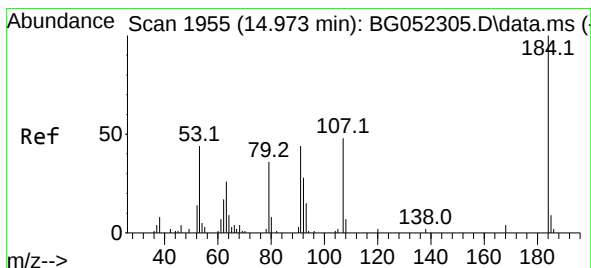
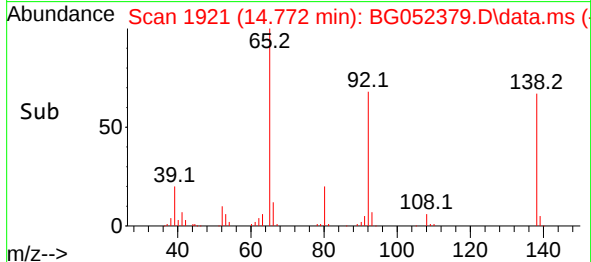
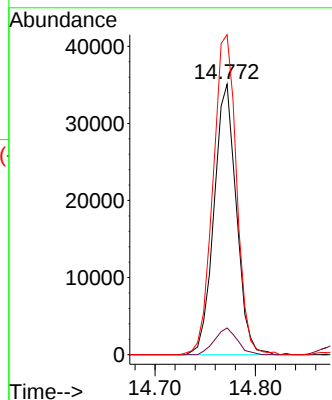
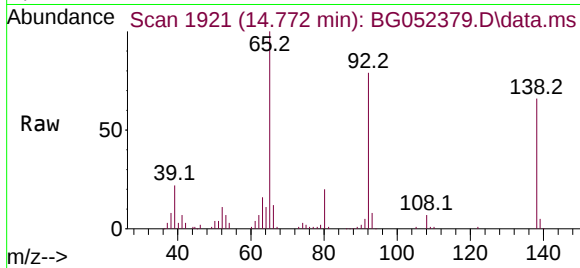




#53  
3-Nitroaniline  
Concen: 40.130 ng  
RT: 14.772 min Scan# 1921  
Delta R.T. 0.004 min  
Lab File: BG052379.D  
Acq: 14 Feb 2022 12:03

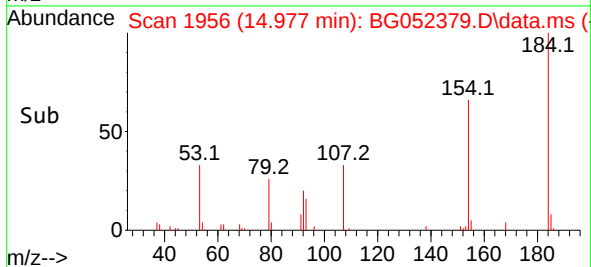
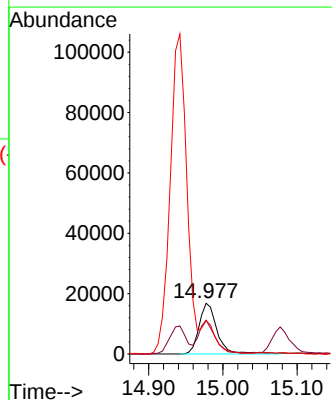
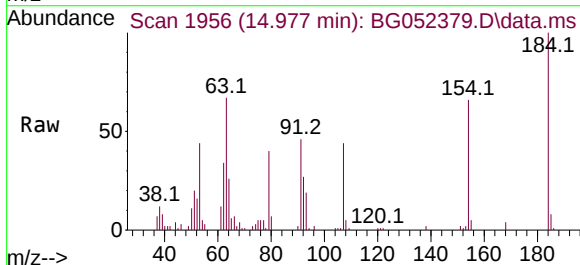
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

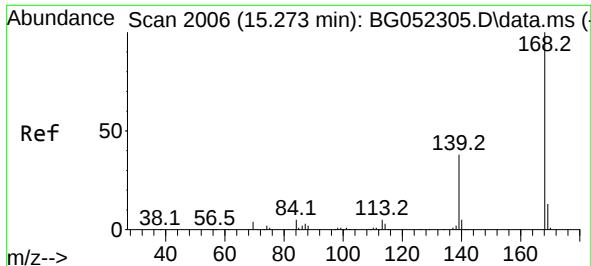
Tgt Ion:138 Resp: 54236  
Ion Ratio Lower Upper  
138 100  
108 9.9 7.8 11.8  
92 118.3 100.4 150.6



#54  
2,4-Dinitrophenol  
Concen: 38.091 ng  
RT: 14.977 min Scan# 1956  
Delta R.T. 0.004 min  
Lab File: BG052379.D  
Acq: 14 Feb 2022 12:03

Tgt Ion:184 Resp: 28468  
Ion Ratio Lower Upper  
184 100  
63 66.7 56.0 84.0  
154 65.7 50.2 75.2

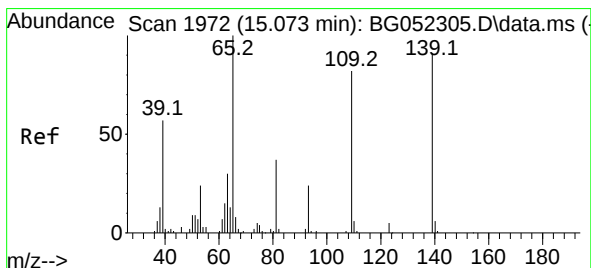
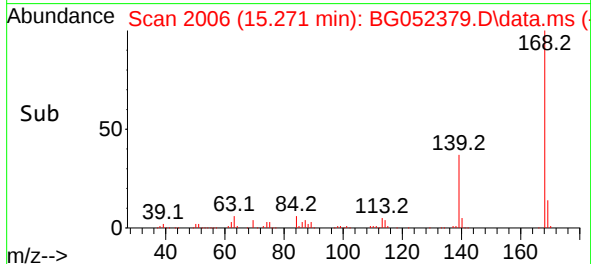
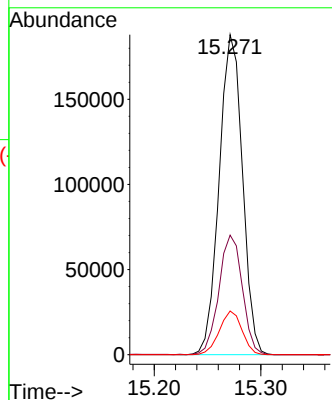
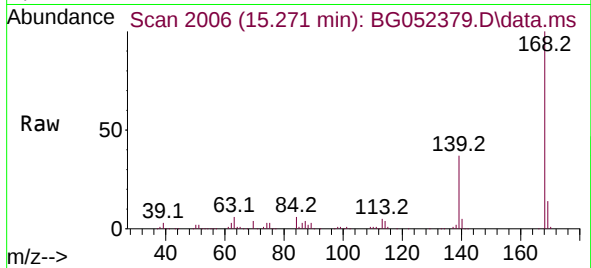




#55  
Dibenzofuran  
Concen: 38.221 ng  
RT: 15.271 min Scan# 2006  
Delta R.T. -0.002 min  
Lab File: BG052379.D  
Acq: 14 Feb 2022 12:03

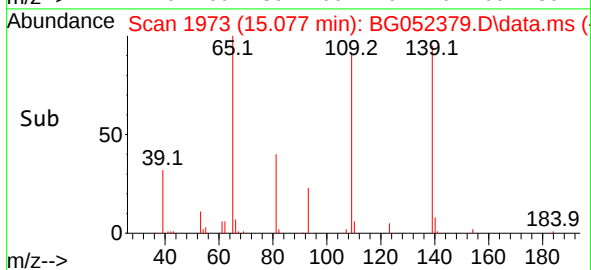
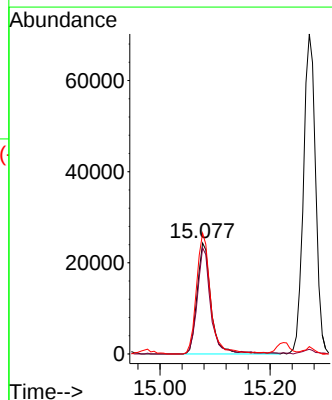
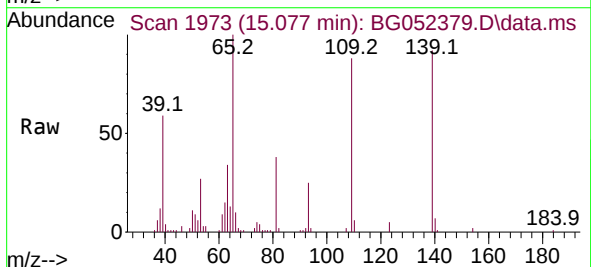
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

Tgt Ion:168 Resp: 284748  
Ion Ratio Lower Upper  
168 100  
139 37.4 30.7 46.1  
169 13.6 10.9 16.3



#56  
4-Nitrophenol  
Concen: 41.971 ng  
RT: 15.077 min Scan# 1973  
Delta R.T. 0.004 min  
Lab File: BG052379.D  
Acq: 14 Feb 2022 12:03

Tgt Ion:139 Resp: 42599  
Ion Ratio Lower Upper  
139 100  
109 95.7 84.9 124.9  
65 109.1 109.9 149.9#





#57

2,4-Dinitrotoluene

Concen: 40.016 ng

RT: 15.224 min Scan# 1997

Delta R.T. 0.004 min

Lab File: BG052379.D

Acq: 14 Feb 2022 12:03

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

Tgt Ion:165 Resp: 74054

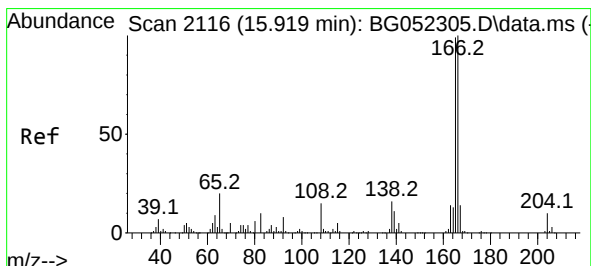
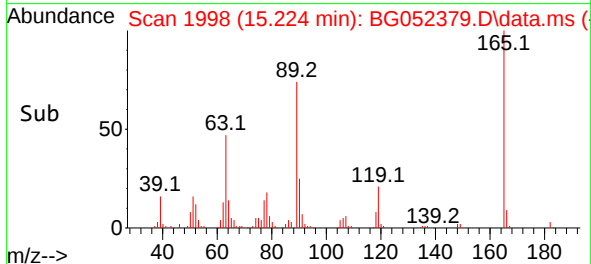
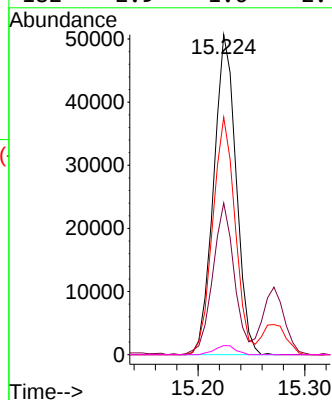
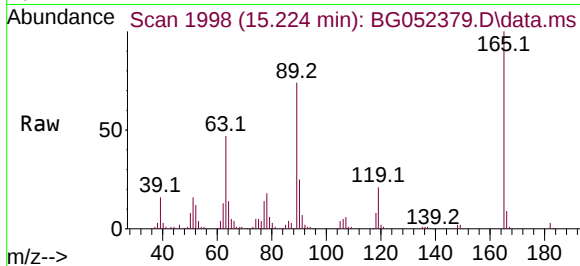
Ion Ratio Lower Upper

165 100

63 47.4 44.6 66.8

89 74.2 67.4 101.0

182 2.9 1.6 2.4#



#58

Fluorene

Concen: 38.813 ng

RT: 15.917 min Scan# 2116

Delta R.T. -0.002 min

Lab File: BG052379.D

Acq: 14 Feb 2022 12:03

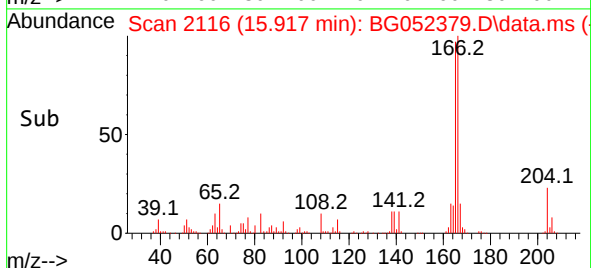
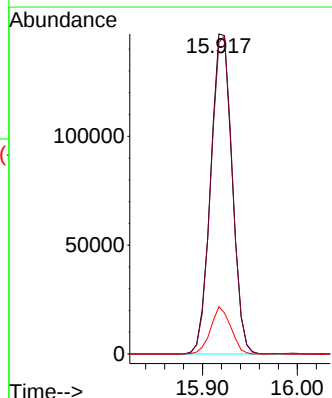
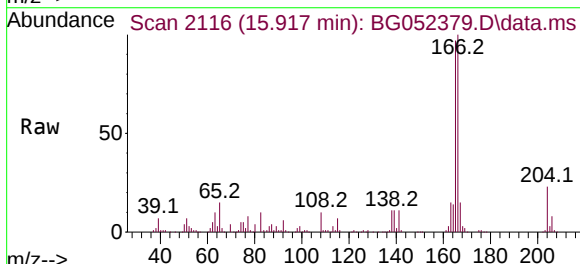
Tgt Ion:166 Resp: 230832

Ion Ratio Lower Upper

166 100

165 97.3 80.0 120.0

167 14.7 11.1 16.7

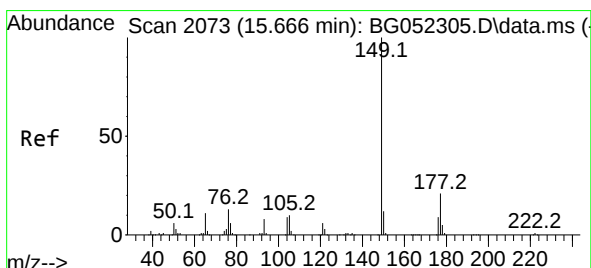
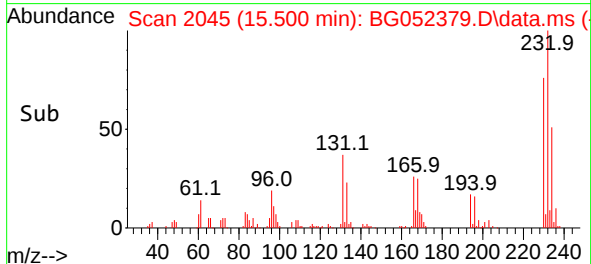
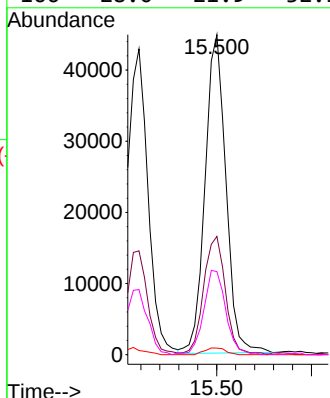
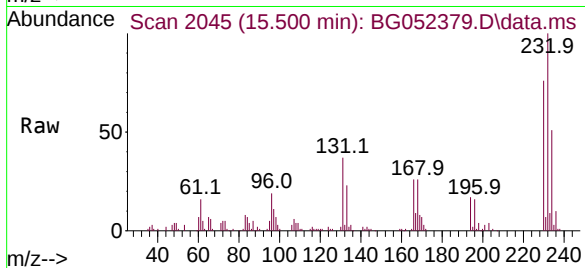




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 39.004 ng  
RT: 15.500 min Scan# 2045  
Delta R.T. 0.004 min  
Lab File: BG052379.D  
Acq: 14 Feb 2022 12:03

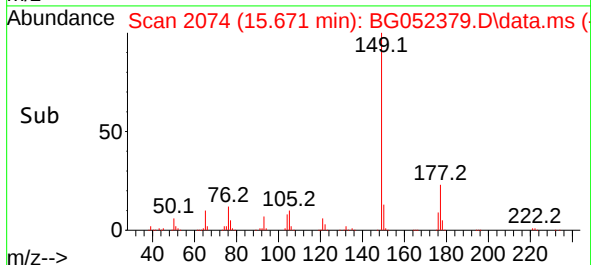
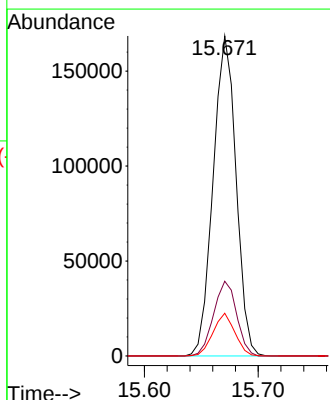
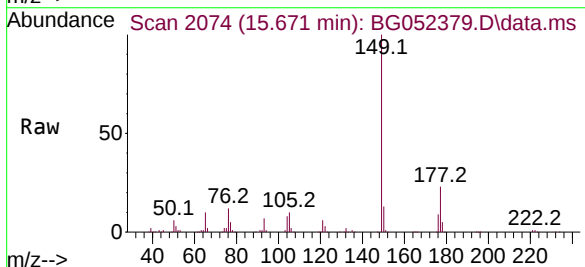
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

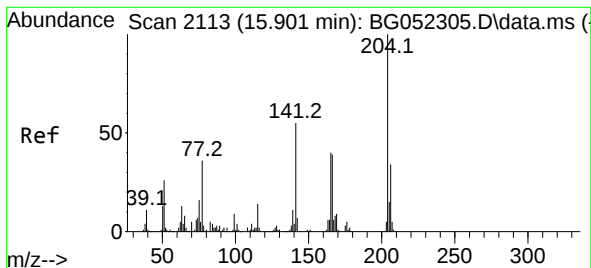
Tgt Ion:232 Resp: 68320  
Ion Ratio Lower Upper  
232 100  
131 38.9 32.2 48.4  
130 2.1 2.2 3.4#  
166 28.0 21.9 32.9



#60  
Diethylphthalate  
Concen: 38.770 ng  
RT: 15.671 min Scan# 2074  
Delta R.T. 0.004 min  
Lab File: BG052379.D  
Acq: 14 Feb 2022 12:03

Tgt Ion:149 Resp: 235982  
Ion Ratio Lower Upper  
149 100  
177 23.3 17.8 26.6  
150 13.3 9.2 13.8

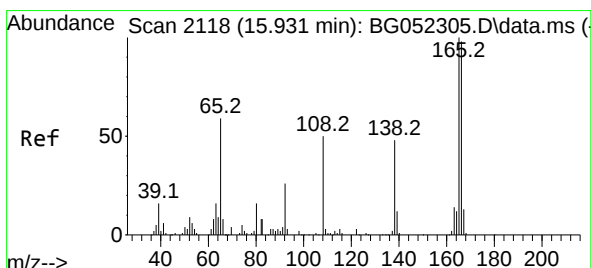
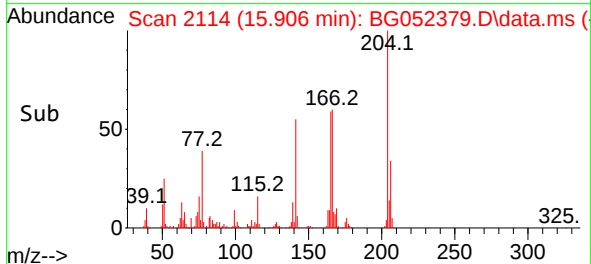
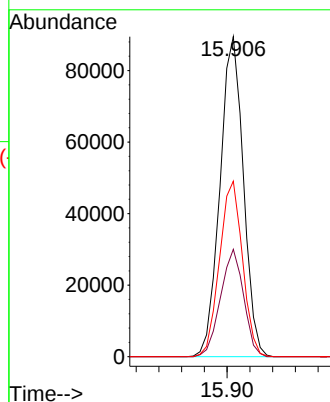
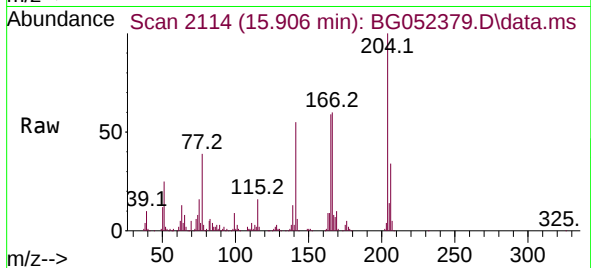




#61  
4-Chlorophenyl-phenylether  
Concen: 37.726 ng  
RT: 15.906 min Scan# 2113  
Delta R.T. 0.004 min  
Lab File: BG052379.D  
Acq: 14 Feb 2022 12:03

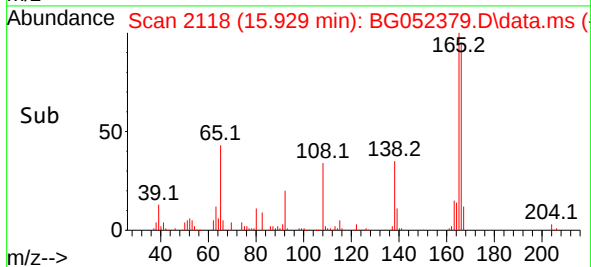
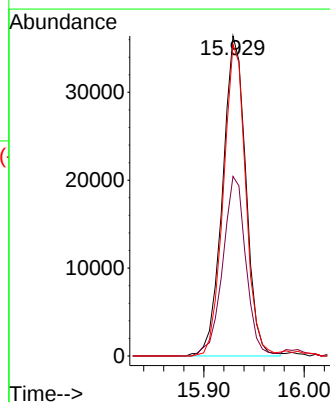
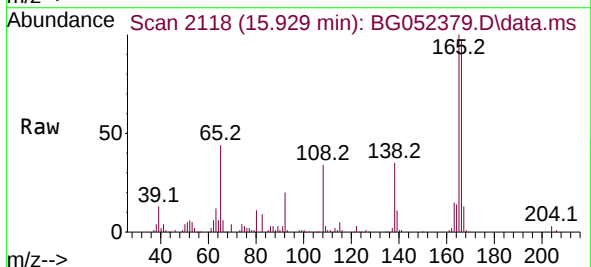
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

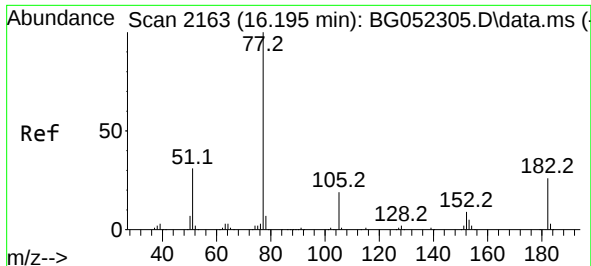
Tgt Ion:204 Resp: 127807  
Ion Ratio Lower Upper  
204 100  
206 33.5 28.4 42.6  
141 54.9 41.8 62.6



#62  
4-Nitroaniline  
Concen: 41.051 ng  
RT: 15.929 min Scan# 2118  
Delta R.T. -0.002 min  
Lab File: BG052379.D  
Acq: 14 Feb 2022 12:03

Tgt Ion:138 Resp: 58408  
Ion Ratio Lower Upper  
138 100  
92 56.1 35.5 75.5  
108 97.4 96.4 136.4

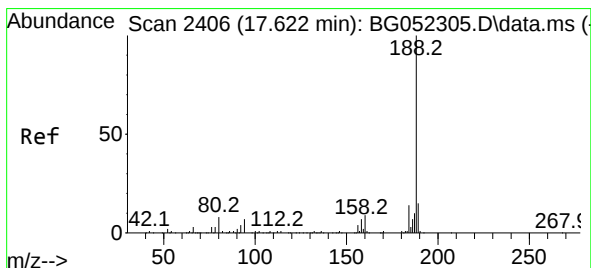
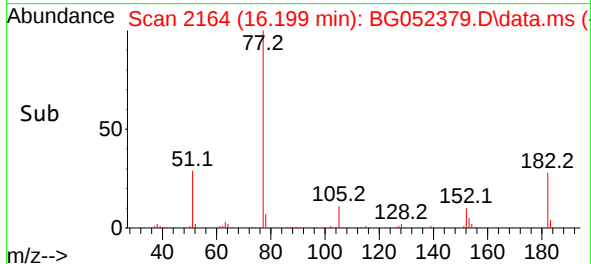
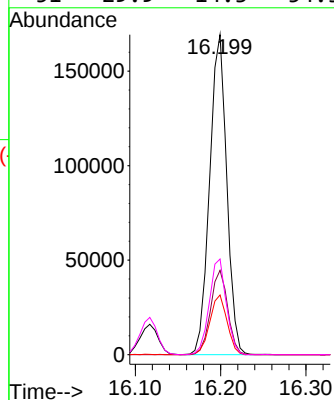
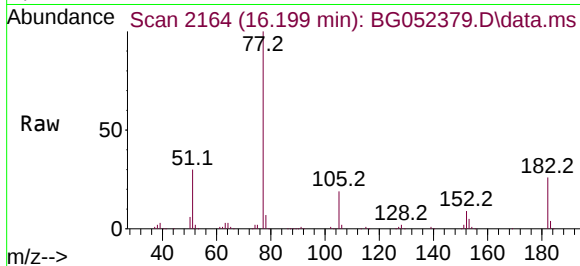




#63  
Azobenzene  
Concen: 37.845 ng  
RT: 16.199 min Scan# 2163  
Delta R.T. 0.004 min  
Lab File: BG052379.D  
Acq: 14 Feb 2022 12:03

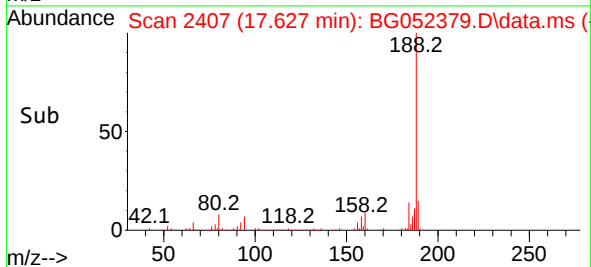
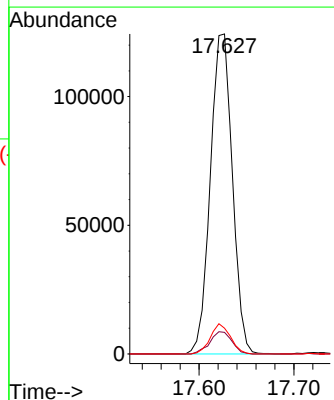
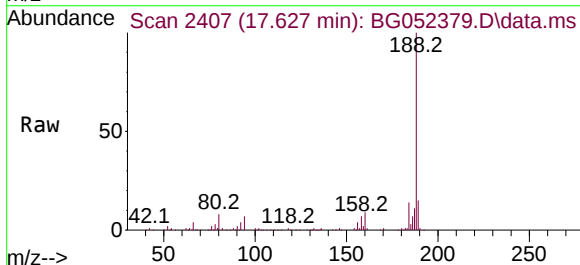
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

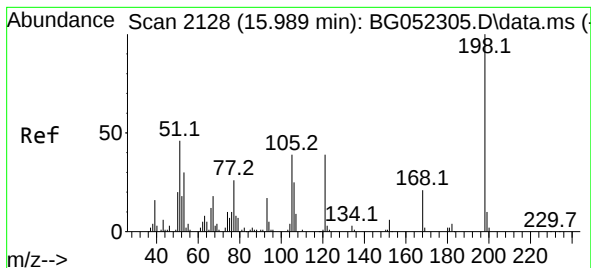
|             |              |
|-------------|--------------|
| Tgt Ion: 77 | Resp: 235818 |
| Ion Ratio   | Lower Upper  |
| 77 100      |              |
| 182 26.3    | 4.1 44.1     |
| 105 18.7    | 0.0 37.5     |
| 51 29.9     | 14.3 54.3    |



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.627 min Scan# 2407  
Delta R.T. 0.004 min  
Lab File: BG052379.D  
Acq: 14 Feb 2022 12:03

|             |              |
|-------------|--------------|
| Tgt Ion:188 | Resp: 200830 |
| Ion Ratio   | Lower Upper  |
| 188 100     |              |
| 94 6.7      | 5.9 8.9      |
| 80 8.1      | 6.6 10.0     |

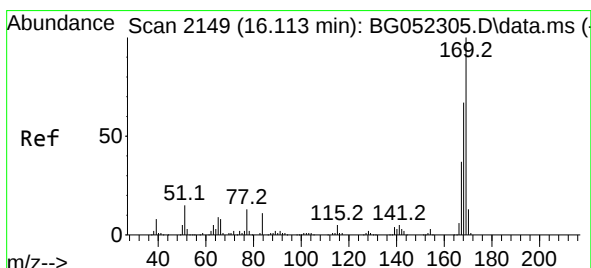
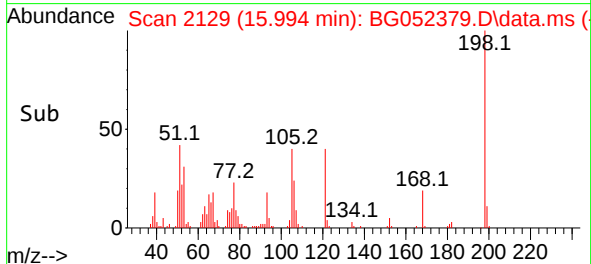
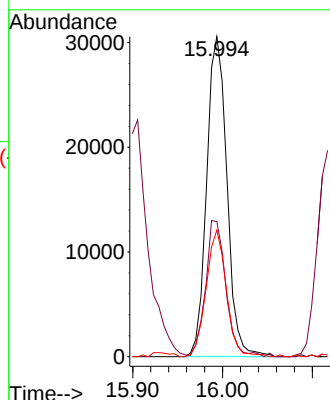
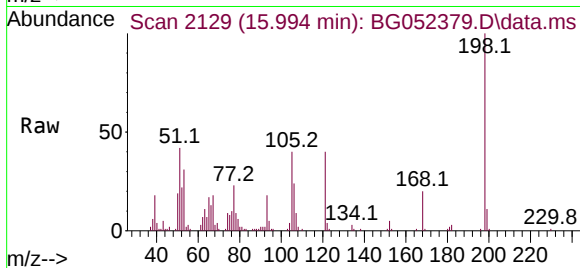




#65  
4,6-Dinitro-2-methylphenol  
Concen: 39.608 ng  
RT: 15.994 min Scan# 2128  
Delta R.T. 0.004 min  
Lab File: BG052379.D  
Acq: 14 Feb 2022 12:03

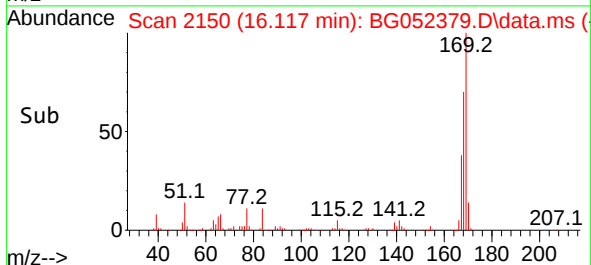
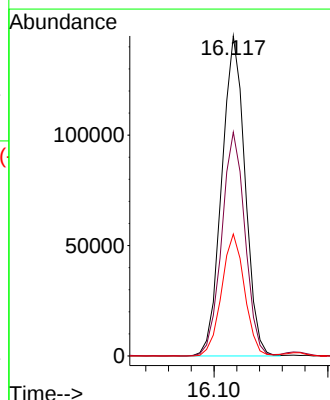
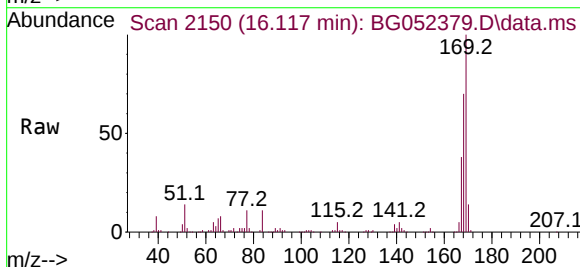
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

Tgt Ion:198 Resp: 47851  
Ion Ratio Lower Upper  
198 100  
51 42.2 31.6 71.6  
105 39.6 22.3 62.3



#66  
n-Nitrosodiphenylamine  
Concen: 37.268 ng  
RT: 16.117 min Scan# 2150  
Delta R.T. 0.004 min  
Lab File: BG052379.D  
Acq: 14 Feb 2022 12:03

Tgt Ion:169 Resp: 206219  
Ion Ratio Lower Upper  
169 100  
168 69.9 57.4 86.0  
167 38.1 29.5 44.3

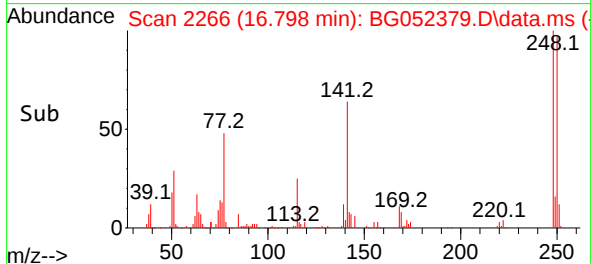
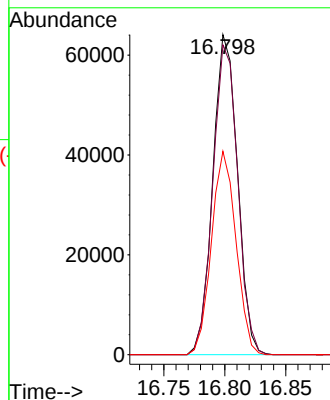
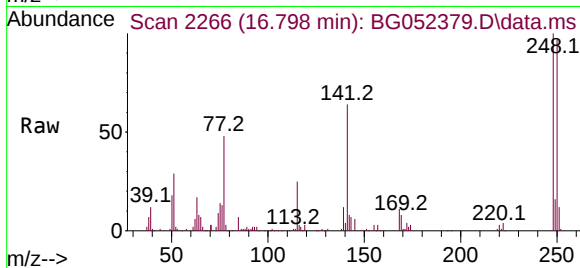




#67  
4-Bromophenyl-phenylether  
Concen: 36.870 ng  
RT: 16.798 min Scan# 21  
Delta R.T. -0.002 min  
Lab File: BG052379.D  
Acq: 14 Feb 2022 12:03

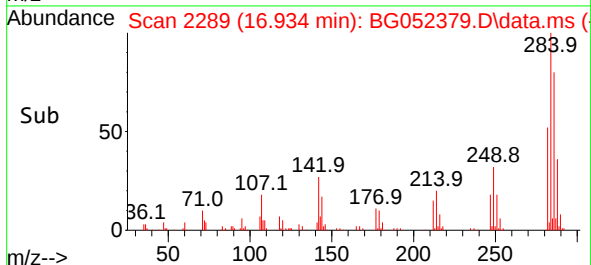
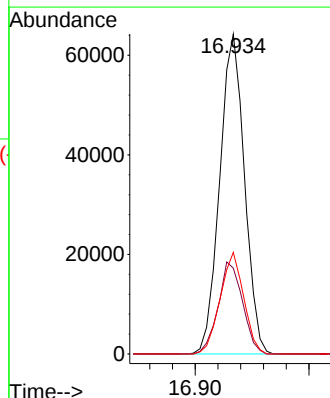
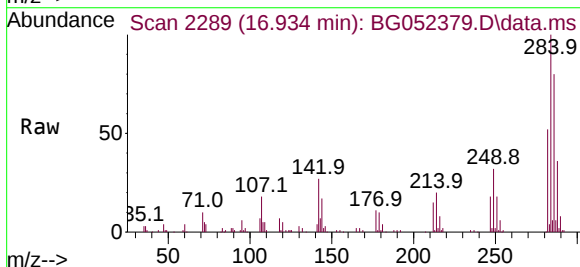
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

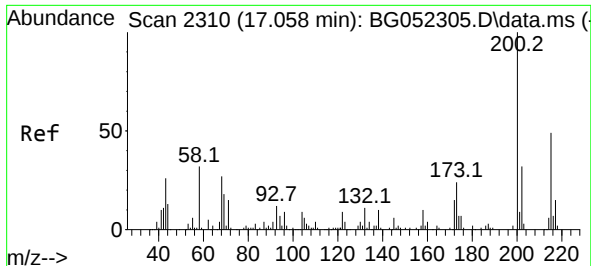
Tgt Ion:248 Resp: 90049  
Ion Ratio Lower Upper  
248 100  
250 96.8 79.6 119.4  
141 63.6 54.6 81.8



#68  
Hexachlorobenzene  
Concen: 36.649 ng  
RT: 16.934 min Scan# 2289  
Delta R.T. 0.004 min  
Lab File: BG052379.D  
Acq: 14 Feb 2022 12:03

Tgt Ion:284 Resp: 97080  
Ion Ratio Lower Upper  
284 100  
142 26.8 26.2 39.2  
249 31.7 26.9 40.3

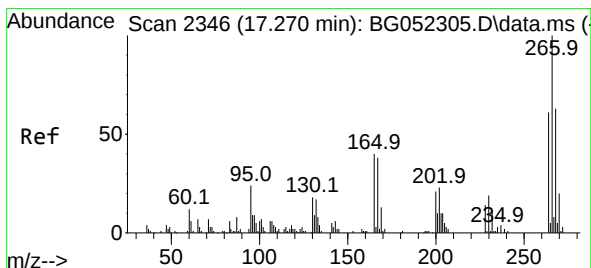
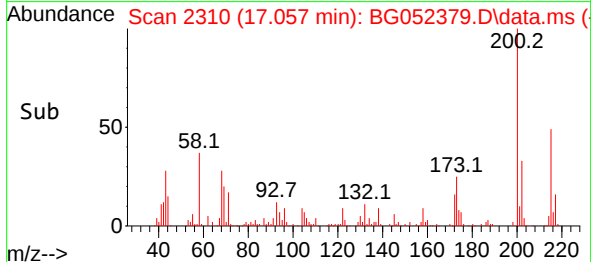
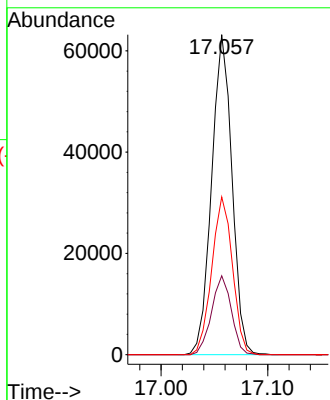
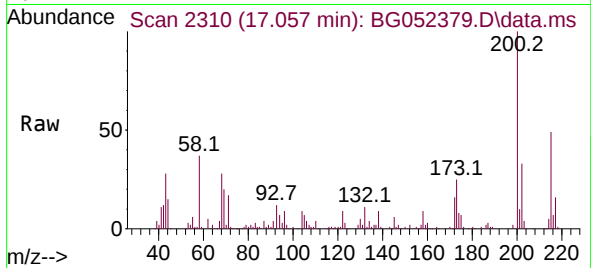




#69  
Atrazine  
Concen: 37.369 ng  
RT: 17.057 min Scan# 21  
Delta R.T. -0.002 min  
Lab File: BG052379.D  
Acq: 14 Feb 2022 12:03

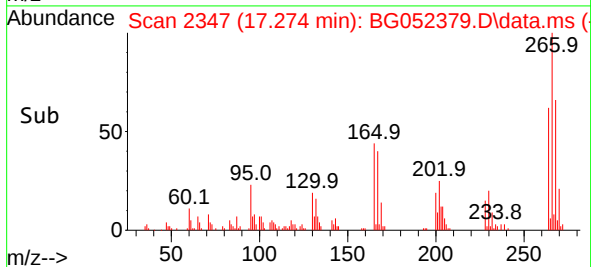
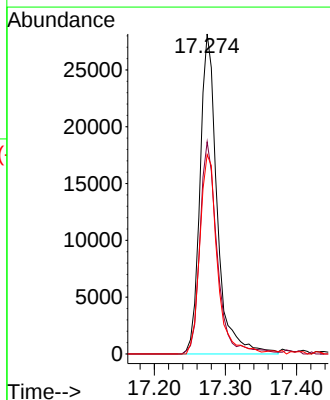
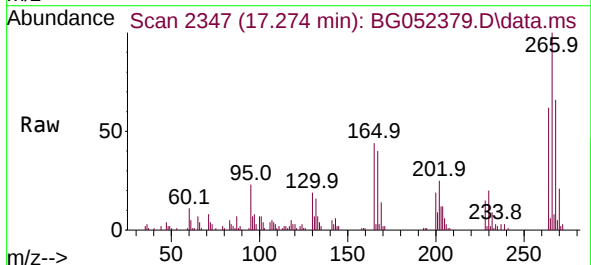
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

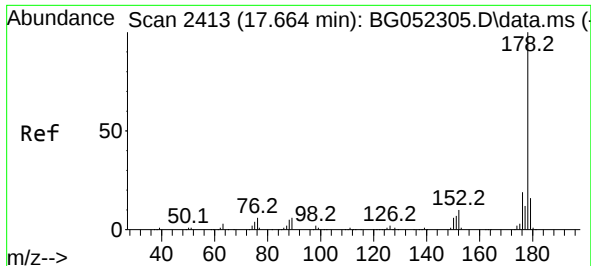
Tgt Ion:200 Resp: 83598  
Ion Ratio Lower Upper  
200 100  
173 24.7 3.3 43.3  
215 49.3 24.4 64.4



#70  
Pentachlorophenol  
Concen: 36.533 ng  
RT: 17.274 min Scan# 2347  
Delta R.T. 0.004 min  
Lab File: BG052379.D  
Acq: 14 Feb 2022 12:03

Tgt Ion:266 Resp: 47344  
Ion Ratio Lower Upper  
266 100  
268 66.3 50.6 75.8  
264 62.3 52.2 78.2

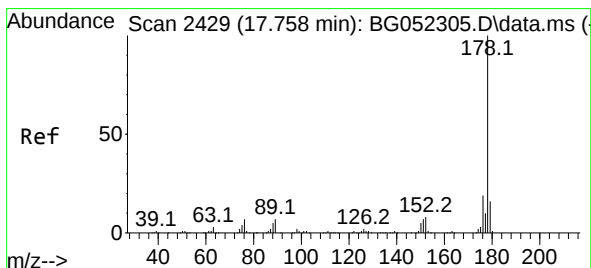
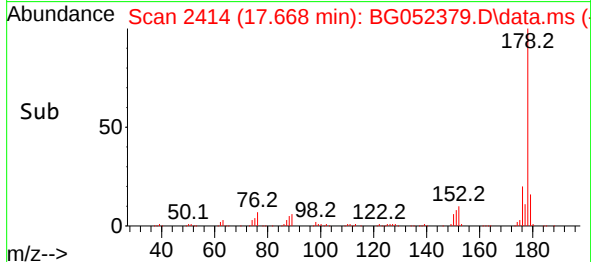
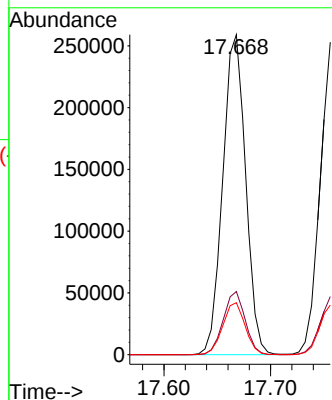
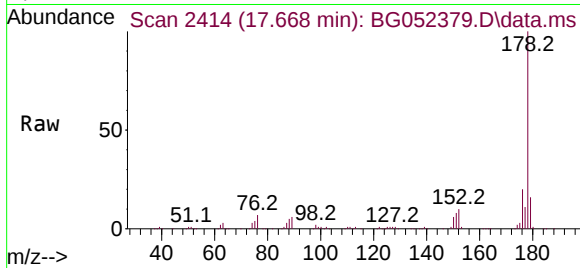




#71  
Phenanthrene  
Concen: 37.214 ng  
RT: 17.668 min Scan# 2413  
Delta R.T. 0.004 min  
Lab File: BG052379.D  
Acq: 14 Feb 2022 12:03

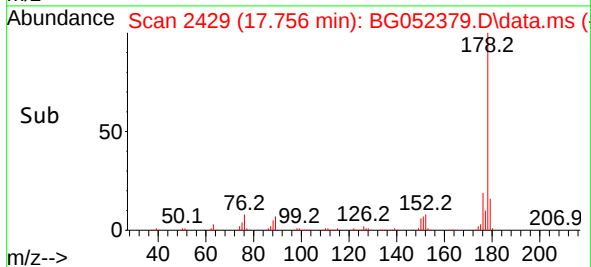
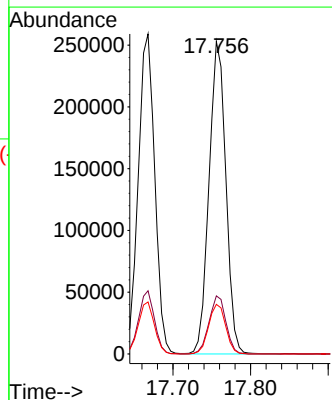
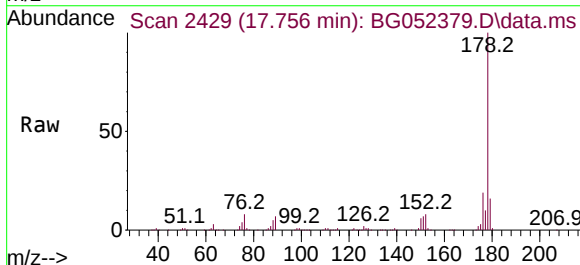
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

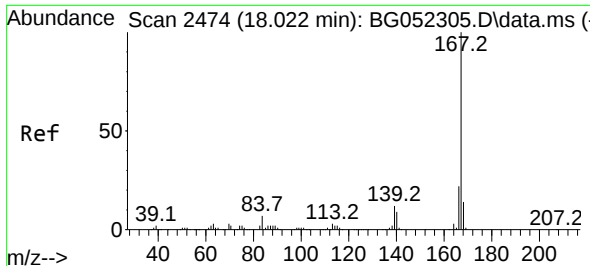
Tgt Ion:178 Resp: 385270  
Ion Ratio Lower Upper  
178 100  
176 19.7 16.6 25.0  
179 16.3 12.6 18.8



#72  
Anthracene  
Concen: 37.604 ng  
RT: 17.756 min Scan# 2429  
Delta R.T. -0.002 min  
Lab File: BG052379.D  
Acq: 14 Feb 2022 12:03

Tgt Ion:178 Resp: 381496  
Ion Ratio Lower Upper  
178 100  
176 18.6 15.3 22.9  
179 15.9 13.1 19.7

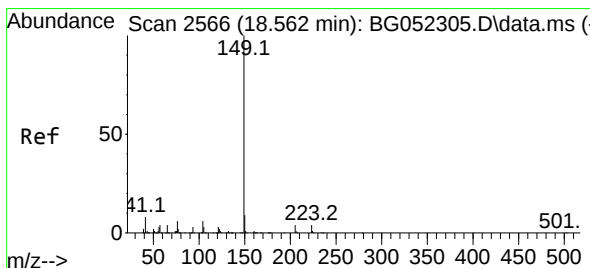
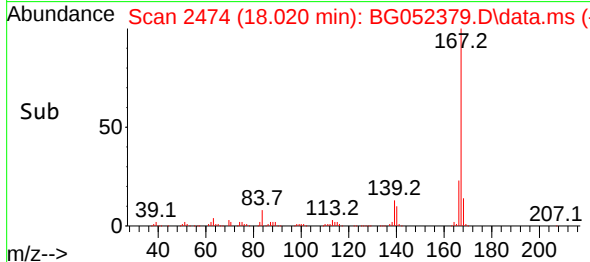
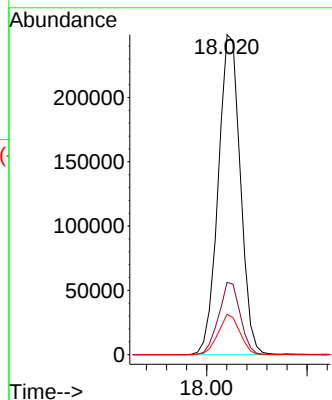
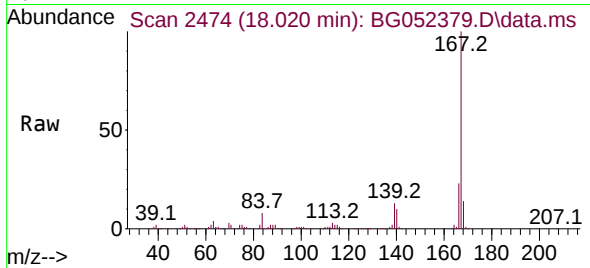




#73  
 Carbazole  
 Concen: 38.408 ng  
 RT: 18.020 min Scan# 2474  
 Delta R.T. -0.002 min  
 Lab File: BG052379.D  
 Acq: 14 Feb 2022 12:03

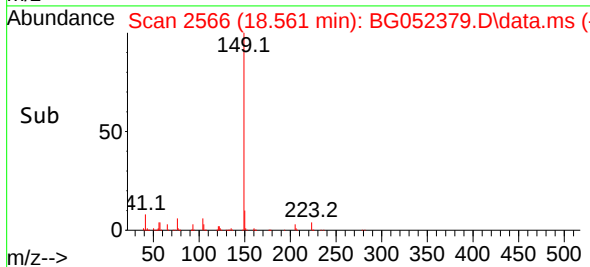
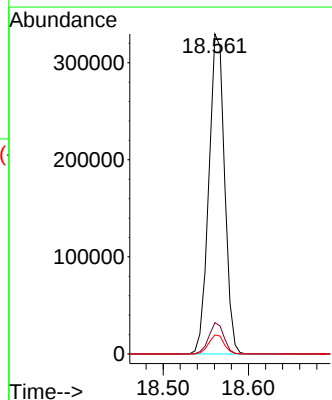
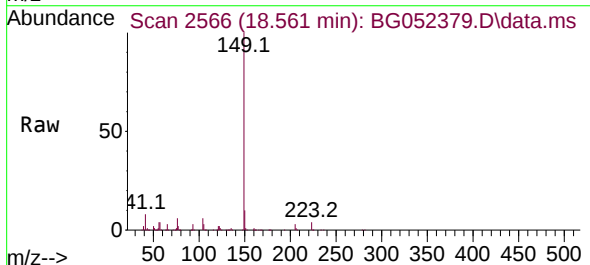
Instrument :  
 BNA\_G  
 ClientSampleId :  
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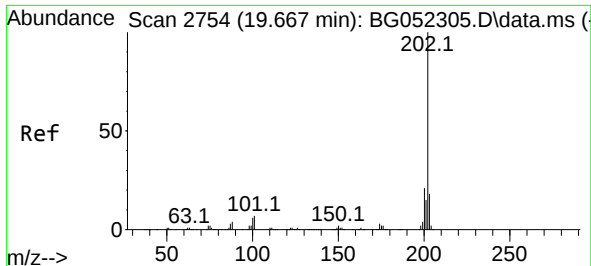
Tgt Ion:167 Resp: 380040  
 Ion Ratio Lower Upper  
 167 100  
 166 22.6 17.8 26.6  
 139 12.6 10.6 16.0



#74  
 Di-n-butylphthalate  
 Concen: 39.194 ng  
 RT: 18.561 min Scan# 2566  
 Delta R.T. -0.002 min  
 Lab File: BG052379.D  
 Acq: 14 Feb 2022 12:03

Tgt Ion:149 Resp: 422536  
 Ion Ratio Lower Upper  
 149 100  
 150 9.8 7.4 11.0  
 104 6.0 5.4 8.2

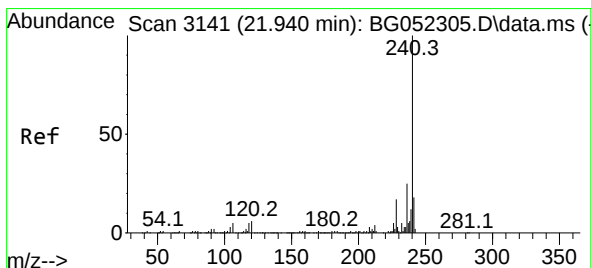
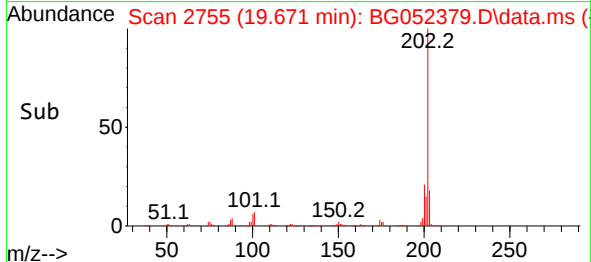
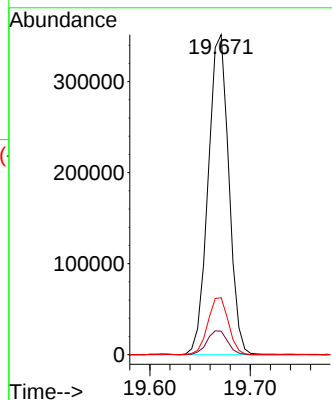
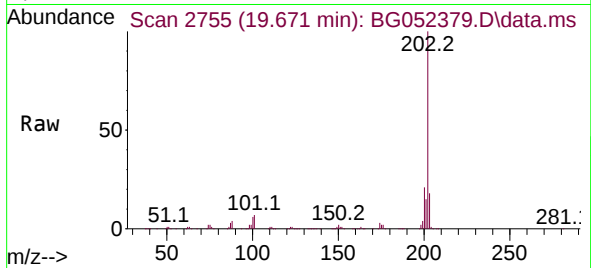




#75  
Fluoranthene  
Concen: 38.183 ng  
RT: 19.671 min Scan# 21  
Delta R.T. 0.004 min  
Lab File: BG052379.D  
Acq: 14 Feb 2022 12:03

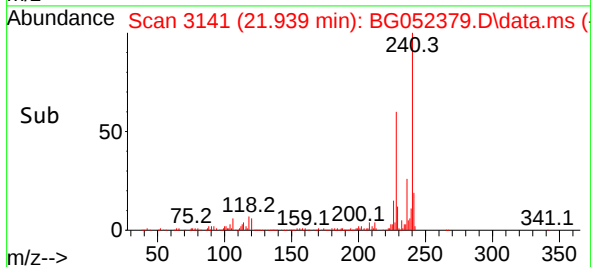
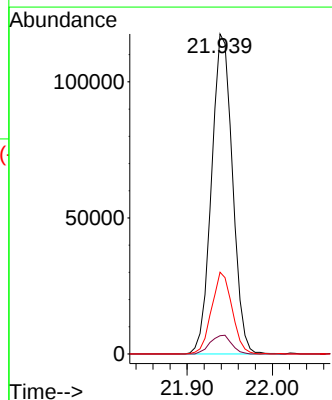
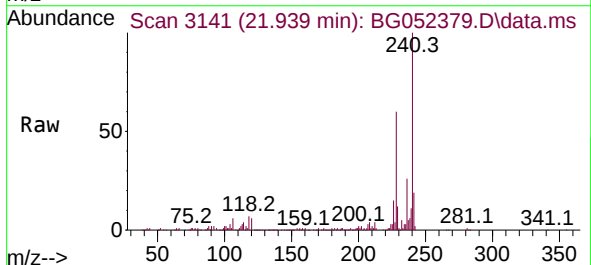
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

Tgt Ion:202 Resp: 503361  
Ion Ratio Lower Upper  
202 100  
101 7.4 0.0 27.1  
203 17.8 0.0 37.8



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.939 min Scan# 3141  
Delta R.T. -0.002 min  
Lab File: BG052379.D  
Acq: 14 Feb 2022 12:03

Tgt Ion:240 Resp: 200234  
Ion Ratio Lower Upper  
240 100  
120 5.7 4.4 6.6  
236 25.5 20.8 31.2

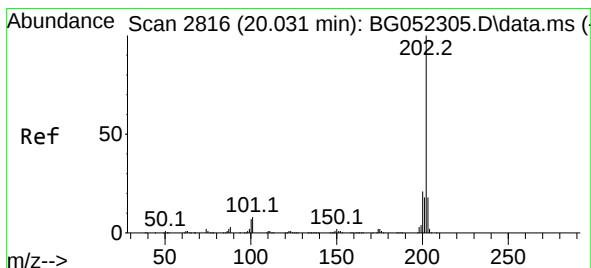
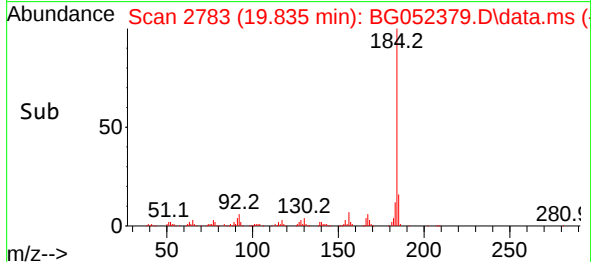
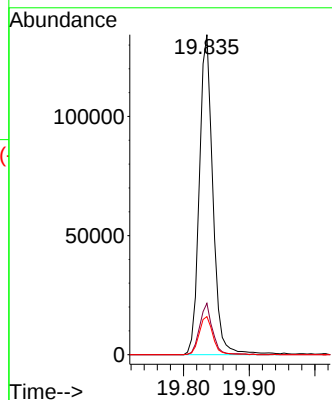
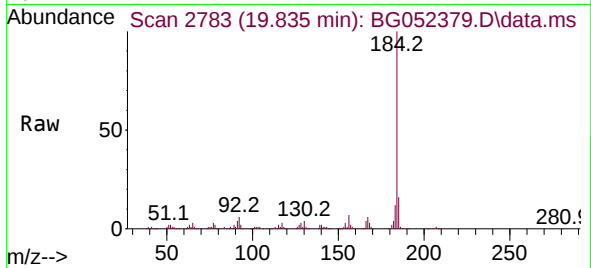




#77  
Benzidine  
Concen: 45.177 ng  
RT: 19.835 min Scan# 21  
Delta R.T. 0.004 min  
Lab File: BG052379.D  
Acq: 14 Feb 2022 12:03

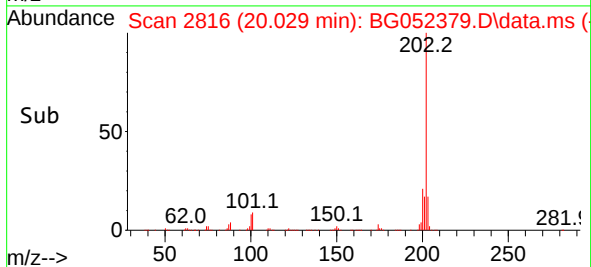
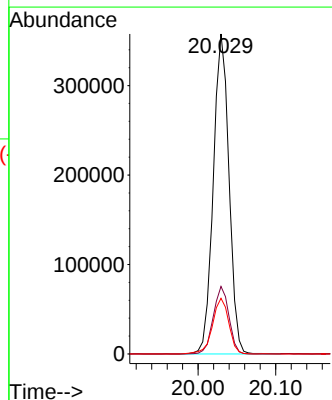
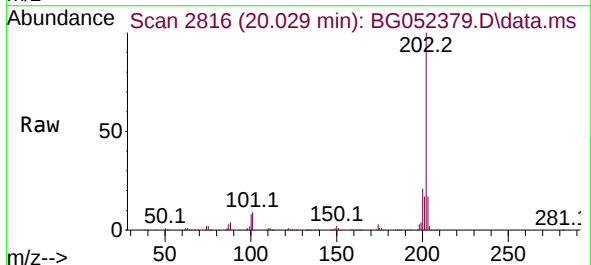
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

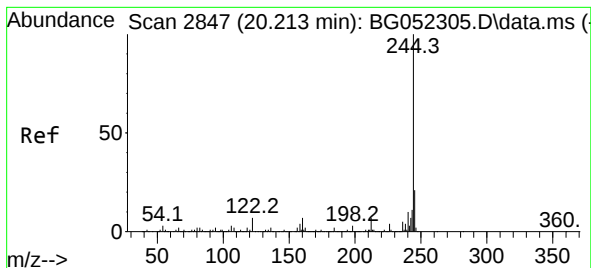
Tgt Ion:184 Resp: 193291  
Ion Ratio Lower Upper  
184 100  
185 16.1 11.8 17.8  
183 11.9 9.8 14.6



#78  
Pyrene  
Concen: 37.535 ng  
RT: 20.029 min Scan# 2816  
Delta R.T. -0.002 min  
Lab File: BG052379.D  
Acq: 14 Feb 2022 12:03

Tgt Ion:202 Resp: 502907  
Ion Ratio Lower Upper  
202 100  
200 21.1 17.4 26.2  
203 17.4 14.5 21.7





#79

Terphenyl-d14

Concen: 74.741 ng

RT: 20.217 min Scan# 21

Delta R.T. 0.004 min

Lab File: BG052379.D

Acq: 14 Feb 2022 12:03

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

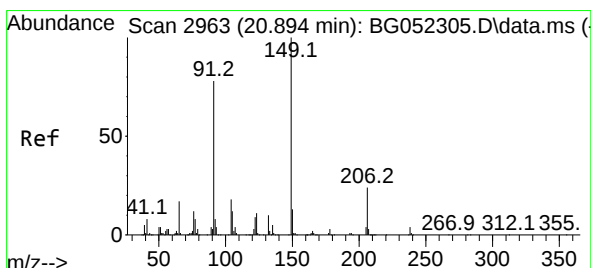
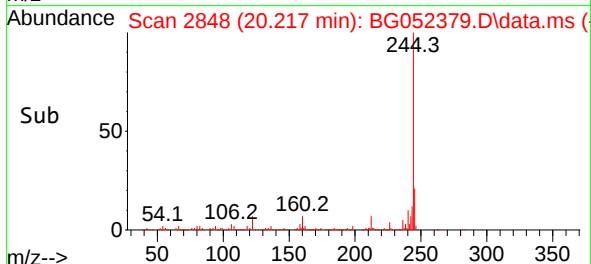
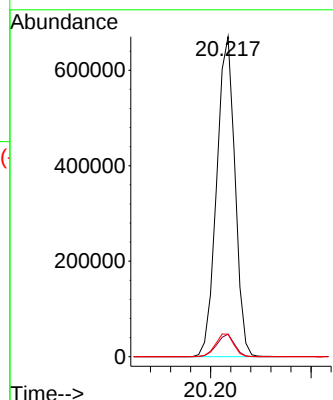
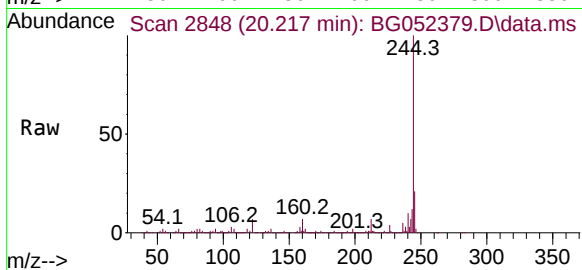
Tgt Ion:244 Resp: 847502

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

122 7.0 6.2 9.4



#80

Butylbenzylphthalate

Concen: 40.291 ng

RT: 20.899 min Scan# 2964

Delta R.T. 0.004 min

Lab File: BG052379.D

Acq: 14 Feb 2022 12:03

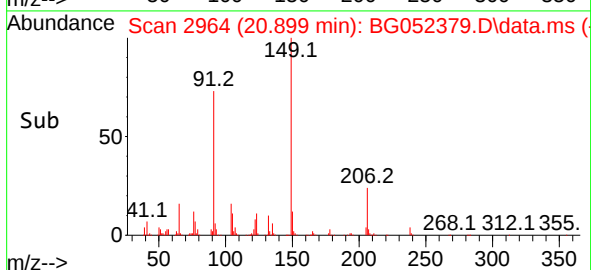
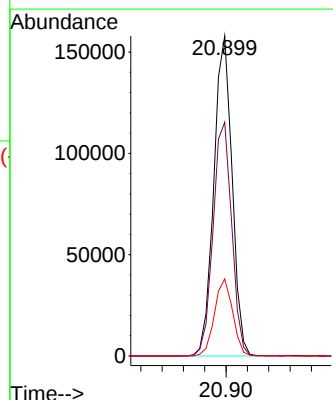
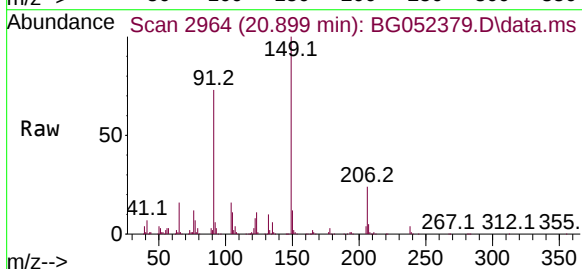
Tgt Ion:149 Resp: 187517

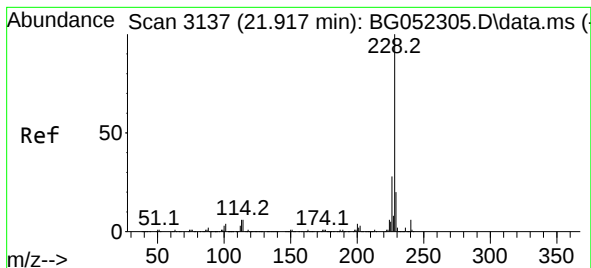
Ion Ratio Lower Upper

149 100

91 73.1 64.0 96.0

206 24.1 19.3 28.9





#81

Benzo(a)anthracene

Concen: 38.030 ng

RT: 21.921 min Scan# 3137

Delta R.T. 0.004 min

Lab File: BG052379.D

Acq: 14 Feb 2022 12:03

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

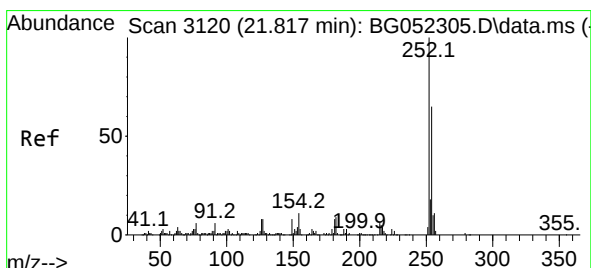
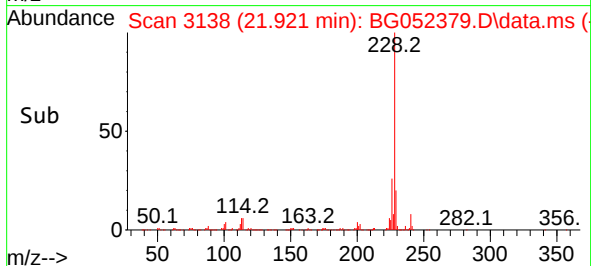
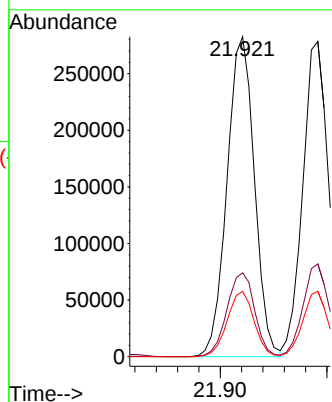
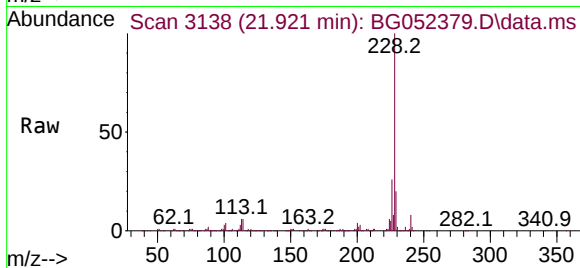
Tgt Ion:228 Resp: 503914

Ion Ratio Lower Upper

228 100

226 26.2 21.6 32.4

229 20.4 16.0 24.0



#82

3,3'-Dichlorobenzidine

Concen: 37.430 ng

RT: 21.821 min Scan# 3121

Delta R.T. 0.004 min

Lab File: BG052379.D

Acq: 14 Feb 2022 12:03

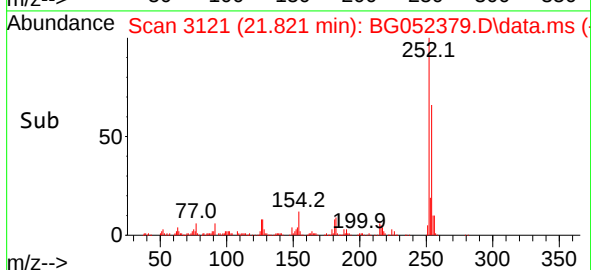
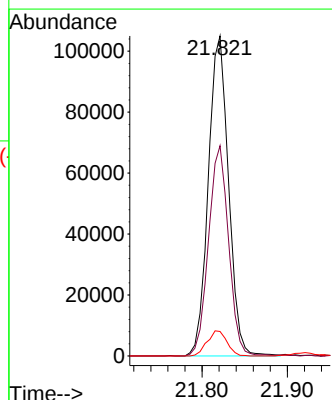
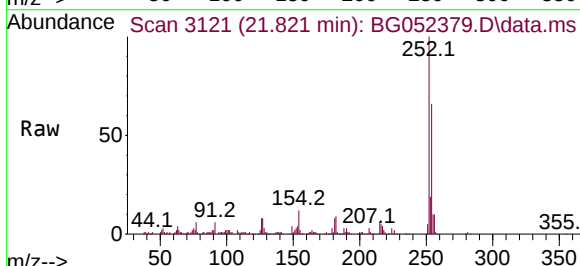
Tgt Ion:252 Resp: 173142

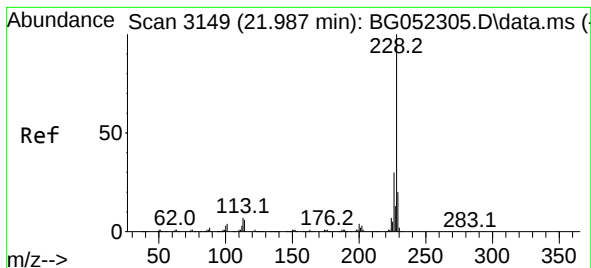
Ion Ratio Lower Upper

252 100

254 65.7 52.6 79.0

126 7.6 6.4 9.6





#83

Chrysene

Concen: 37.348 ng

RT: 21.991 min Scan# 3149

Delta R.T. 0.004 min

Lab File: BG052379.D

Acq: 14 Feb 2022 12:03

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

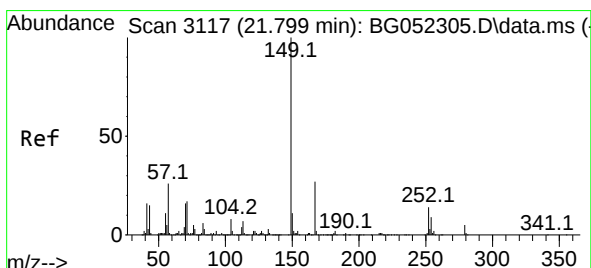
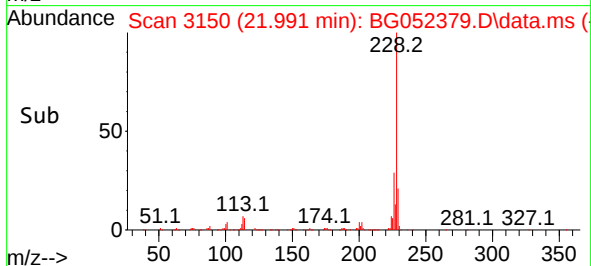
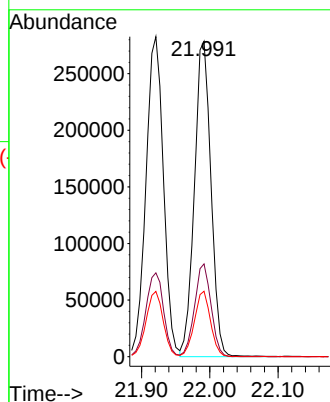
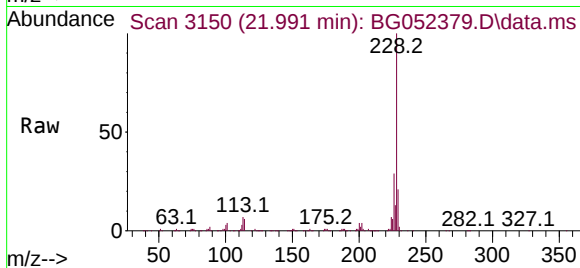
Tgt Ion:228 Resp: 468946

Ion Ratio Lower Upper

228 100

226 29.4 24.1 36.1

229 20.7 16.4 24.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.149 ng

RT: 21.798 min Scan# 3117

Delta R.T. -0.002 min

Lab File: BG052379.D

Acq: 14 Feb 2022 12:03

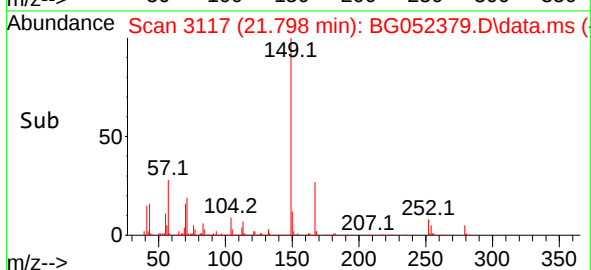
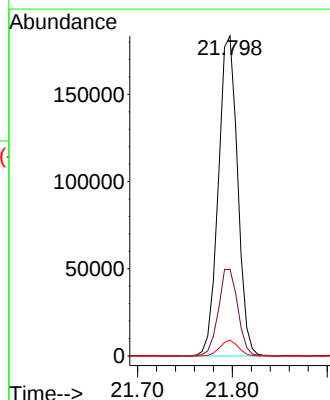
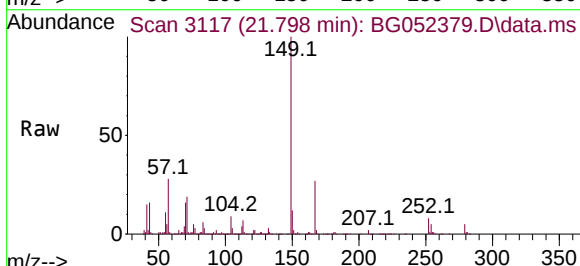
Tgt Ion:149 Resp: 259101

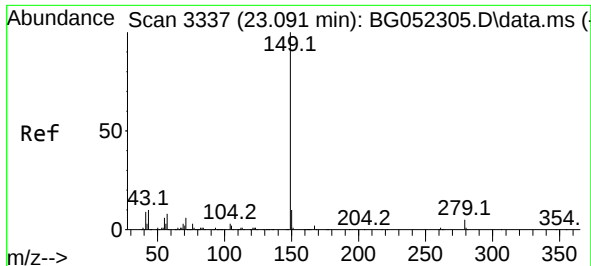
Ion Ratio Lower Upper

149 100

167 27.1 21.4 32.0

279 5.0 4.2 6.2

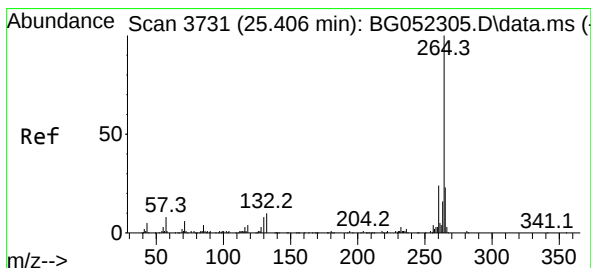
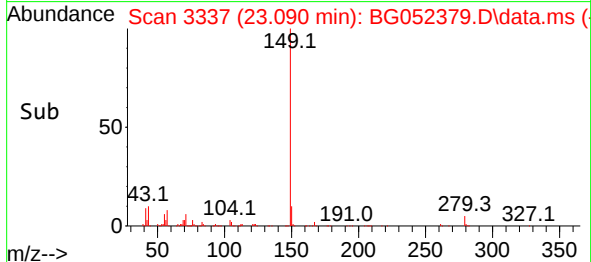
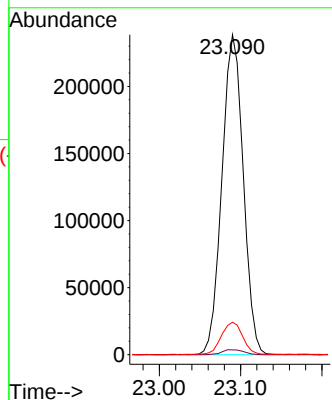
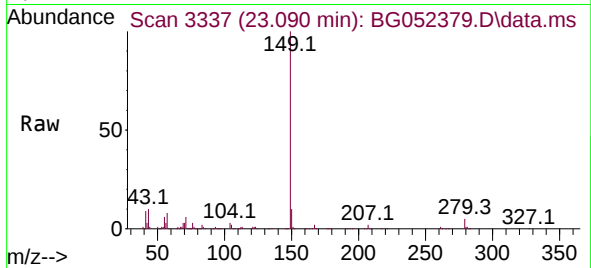




#85  
Di-n-octyl phthalate  
Concen: 40.241 ng  
RT: 23.090 min Scan# 31  
Delta R.T. -0.002 min  
Lab File: BG052379.D  
Acq: 14 Feb 2022 12:03

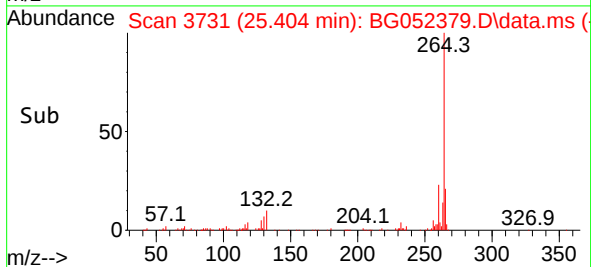
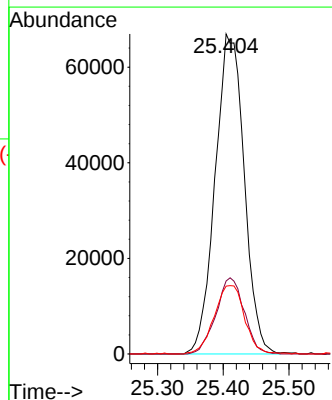
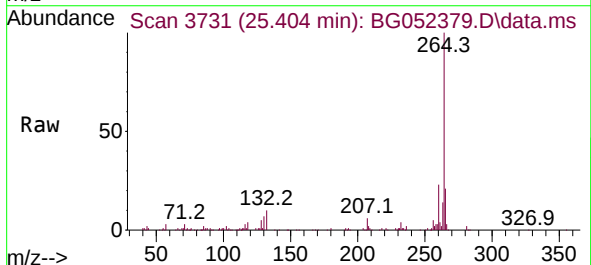
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

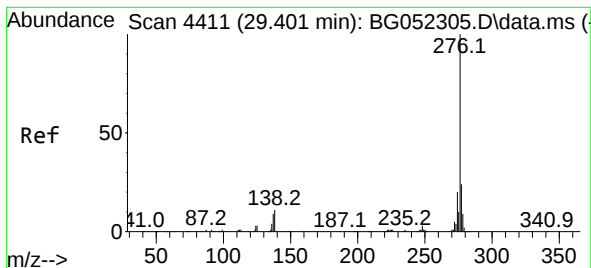
Tgt Ion:149 Resp: 435397  
Ion Ratio Lower Upper  
149 100  
167 1.6 1.4 2.0  
43 10.4 10.0 15.0



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 25.404 min Scan# 3731  
Delta R.T. -0.002 min  
Lab File: BG052379.D  
Acq: 14 Feb 2022 12:03

Tgt Ion:264 Resp: 205250  
Ion Ratio Lower Upper  
264 100  
260 22.8 18.5 27.7  
265 21.2 17.8 26.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 37.547 ng

RT: 29.417 min Scan# 4411

Delta R.T. 0.016 min

Lab File: BG052379.D

Acq: 14 Feb 2022 12:03

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

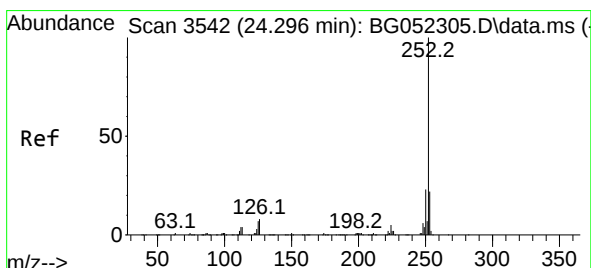
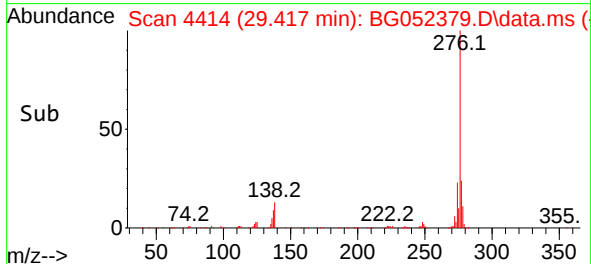
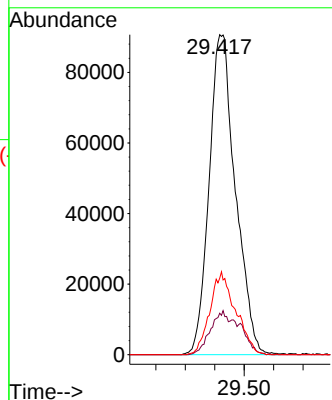
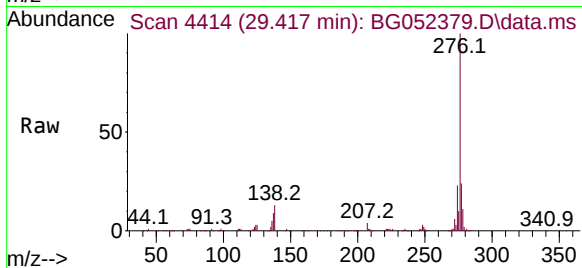
Tgt Ion:276 Resp: 563940

Ion Ratio Lower Upper

276 100

138 9.4 6.1 9.1#

277 25.3 20.2 30.4



#88

Benzo(b)fluoranthene

Concen: 37.447 ng

RT: 24.300 min Scan# 3543

Delta R.T. 0.004 min

Lab File: BG052379.D

Acq: 14 Feb 2022 12:03

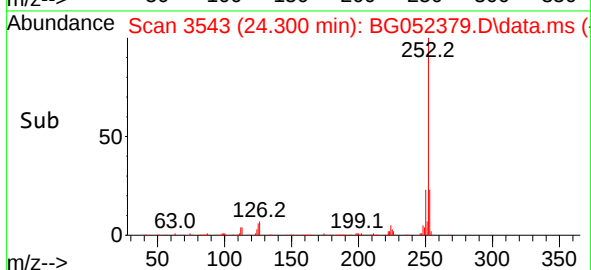
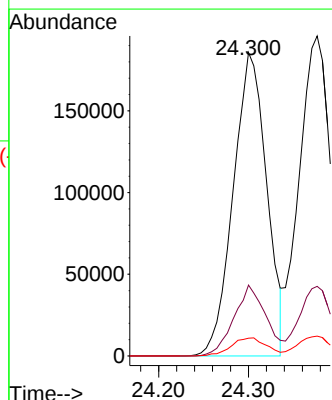
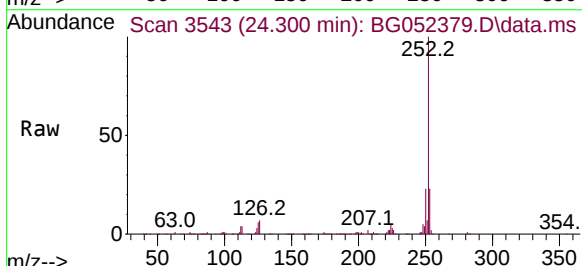
Tgt Ion:252 Resp: 478963

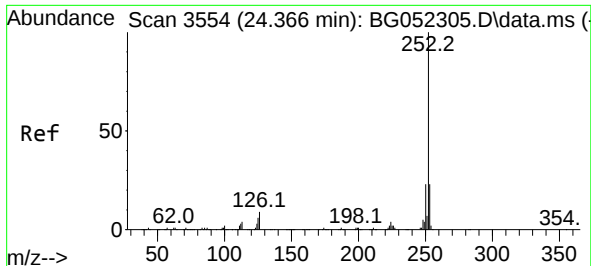
Ion Ratio Lower Upper

252 100

253 23.4 18.3 27.5

125 5.9 5.4 8.2

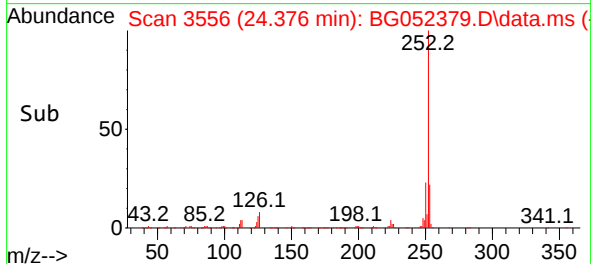
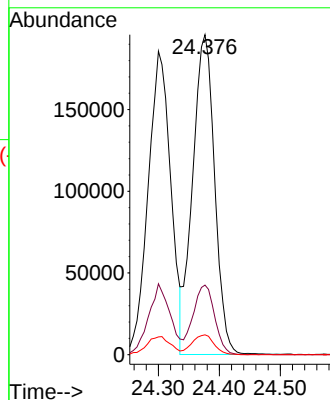
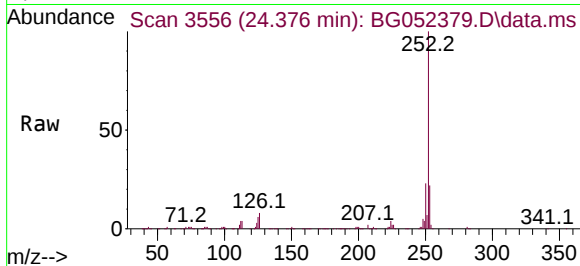




#89  
Benzo(k)fluoranthene  
Concen: 38.808 ng  
RT: 24.376 min Scan# 31  
Delta R.T. 0.010 min  
Lab File: BG052379.D  
Acq: 14 Feb 2022 12:03

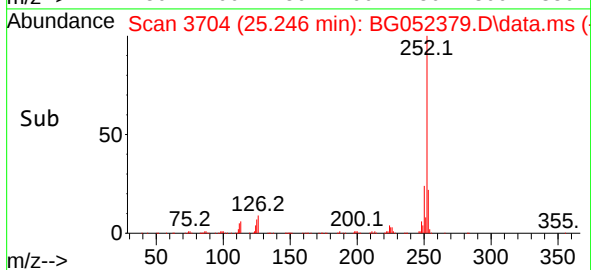
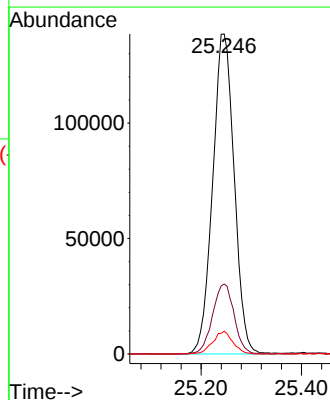
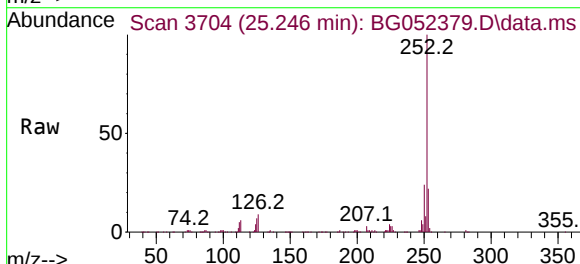
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

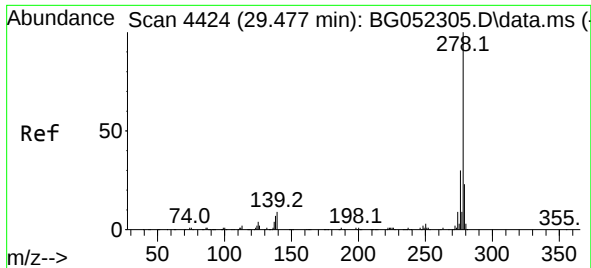
Tgt Ion:252 Resp: 490336  
Ion Ratio Lower Upper  
252 100  
253 21.8 17.3 25.9  
125 6.2 4.6 7.0



#90  
Benzo(a)pyrene  
Concen: 38.169 ng  
RT: 25.246 min Scan# 3704  
Delta R.T. 0.004 min  
Lab File: BG052379.D  
Acq: 14 Feb 2022 12:03

Tgt Ion:252 Resp: 412397  
Ion Ratio Lower Upper  
252 100  
253 21.9 17.5 26.3  
125 7.1 5.0 7.6

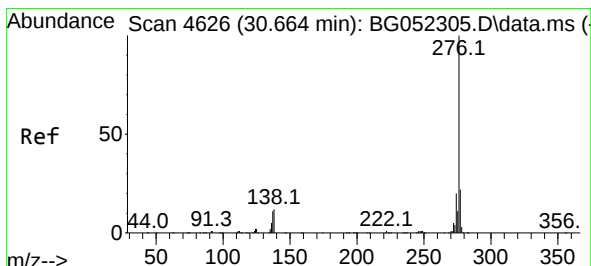
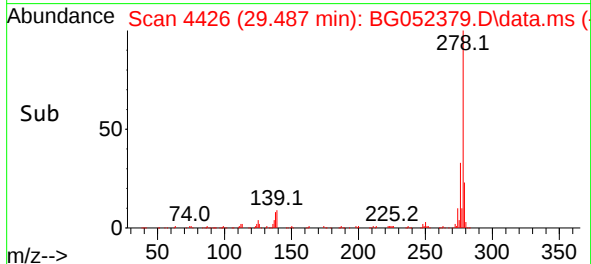
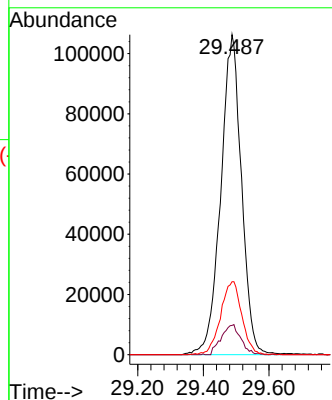
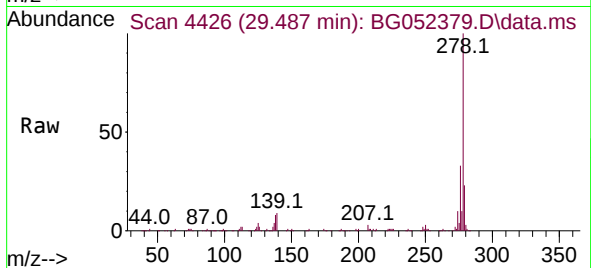




#91  
 Dibenzo(a,h)anthracene  
 Concen: 37.432 ng  
 RT: 29.487 min Scan# 4424  
 Delta R.T. 0.010 min  
 Lab File: BG052379.D  
 Acq: 14 Feb 2022 12:03

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

Tgt Ion:278 Resp: 464439  
 Ion Ratio Lower Upper  
 278 100  
 139 9.2 6.4 9.6  
 279 22.8 20.1 30.1



#92  
 Benzo(g,h,i)perylene  
 Concen: 37.740 ng  
 RT: 30.674 min Scan# 4628  
 Delta R.T. 0.010 min  
 Lab File: BG052379.D  
 Acq: 14 Feb 2022 12:03

Tgt Ion:276 Resp: 459555  
 Ion Ratio Lower Upper  
 276 100  
 277 23.7 18.2 27.2  
 138 11.8 9.1 13.7

