

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG080822\  
 Data File : BG054547.D  
 Acq On : 8 Aug 2022 10:23  
 Operator : CG/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

Quant Time: Aug 08 14:50:11 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG071522.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Aug 08 14:48:51 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.972  | 152  | 14312    | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.787 | 136  | 56054    | 20.000 | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 14.617 | 164  | 45114    | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.361 | 188  | 126818   | 20.000 | ng    | # 0.00   |
| 76) Chrysene-d12              | 21.633 | 240  | 153677   | 20.000 | ng    | # 0.00   |
| 86) Perylene-d12              | 24.835 | 264  | 162387   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.563  | 112  | 63484    | 92.613 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.179  | 99   | 86032    | 91.594 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.142  | 82   | 87686    | 85.188 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.116 | 330  | 70060    | 73.963 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.237 | 172  | 250413   | 78.303 | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.970 | 244  | 642888   | 82.990 | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.395  | 88   | 11673    | 42.804 | ng    | # 96     |
| 3) Pyridine                   | 3.807  | 79   | 33947    | 49.070 | ng    | 93       |
| 4) n-Nitrosodimethylamine     | 3.718  | 42   | 18901    | 48.862 | ng    | # 85     |
| 6) Aniline                    | 7.297  | 93   | 49305    | 45.476 | ng    | 98       |
| 8) 2-Chlorophenol             | 7.555  | 128  | 35359    | 44.886 | ng    | 92       |
| 9) Benzaldehyde               | 7.109  | 77   | 24219    | 53.764 | ng    | 84       |
| 10) Phenol                    | 7.203  | 94   | 43257    | 46.353 | ng    | 94       |
| 11) bis(2-Chloroethyl)ether   | 7.391  | 93   | 31357    | 46.084 | ng    | 89       |
| 12) 1,3-Dichlorobenzene       | 7.867  | 146  | 43681    | 45.510 | ng    | 89       |
| 13) 1,4-Dichlorobenzene       | 8.013  | 146  | 43937    | 44.328 | ng    | 98       |
| 14) 1,2-Dichlorobenzene       | 8.331  | 146  | 41938    | 44.869 | ng    | 99       |
| 15) Benzyl Alcohol            | 8.225  | 79   | 34324    | 44.431 | ng    | 96       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.501  | 45   | 41186    | 48.061 | ng    | 89       |
| 17) 2-Methylphenol            | 8.448  | 107  | 30547    | 45.414 | ng    | 95       |
| 18) Hexachloroethane          | 9.053  | 117  | 15058    | 45.881 | ng    | # 62     |
| 19) n-Nitroso-di-n-propyla... | 8.783  | 70   | 27940    | 44.545 | ng    | # 95     |
| 20) 3+4-Methylphenols         | 8.777  | 107  | 42159    | 44.484 | ng    | 92       |
| 22) Acetophenone              | 8.801  | 105  | 56111    | 41.620 | ng    | # 97     |
| 24) Nitrobenzene              | 9.183  | 77   | 42730    | 42.477 | ng    | # 86     |
| 25) Isophorone                | 9.706  | 82   | 73621    | 41.125 | ng    | # 93     |
| 26) 2-Nitrophenol             | 9.899  | 139  | 21209    | 41.827 | ng    | # 87     |
| 27) 2,4-Dimethylphenol        | 9.976  | 122  | 29176    | 41.652 | ng    | 90       |
| 28) bis(2-Chloroethoxy)met... | 10.181 | 93   | 38225    | 42.337 | ng    | # 98     |
| 29) 2,4-Dichlorophenol        | 10.458 | 162  | 42669    | 40.357 | ng    | 87       |
| 30) 1,2,4-Trichlorobenzene    | 10.652 | 180  | 53514    | 40.868 | ng    | 92       |
| 31) Naphthalene               | 10.834 | 128  | 116471   | 41.393 | ng    | 100      |
| 32) Benzoic acid              | 10.146 | 122  | 4856     | 22.344 | ng    | # 83     |
| 33) 4-Chloroaniline           | 10.951 | 127  | 48067    | 42.007 | ng    | 96       |
| 34) Hexachlorobutadiene       | 11.116 | 225  | 46306    | 40.015 | ng    | 98       |
| 35) Caprolactam               | 11.727 | 113  | 11706    | 43.972 | ng    | 93       |
| 36) 4-Chloro-3-methylphenol   | 12.109 | 107  | 39544    | 41.112 | ng    | # 85     |
| 37) 2-Methylnaphthalene       | 12.444 | 142  | 88308    | 40.868 | ng    | 97       |
| 38) 1-Methylnaphthalene       | 12.661 | 142  | 84981    | 40.361 | ng    | 96       |
| 40) 1,2,4,5-Tetrachloroben... | 12.814 | 216  | 76867    | 38.890 | ng    | # 95     |
| 41) Hexachlorocyclopentadiene | 12.790 | 237  | 11046    | 23.878 | ng    | 97       |
| 43) 2,4,6-Trichlorophenol     | 13.066 | 196  | 40514    | 37.646 | ng    | 99       |

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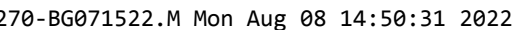
Instrument :  
 BNA\_G  
 ClientSampleId :  
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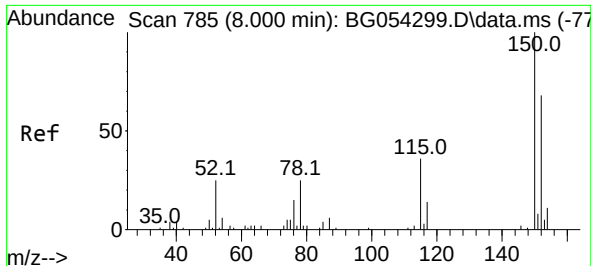
Quant Time: Aug 08 14:50:11 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG071522.M  
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 QLast Update : Mon Aug 08 14:48:51 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 13.160 | 196  | 42655    | 35.079 | ng    | # 90     |
| 46) 1,1'-Biphenyl             | 13.448 | 154  | 123011   | 39.856 | ng    | 96       |
| 47) 2-Chloronaphthalene       | 13.495 | 162  | 103140   | 39.931 | ng    | 97       |
| 48) 2-Nitroaniline            | 13.701 | 65   | 30119    | 44.681 | ng    | 89       |
| 49) Acenaphthylene            | 14.341 | 152  | 156418   | 40.755 | ng    | 100      |
| 50) Dimethylphthalate         | 14.065 | 163  | 144358   | 40.966 | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 14.194 | 165  | 31907    | 41.281 | ng    | # 76     |
| 52) Acenaphthene              | 14.682 | 154  | 94996    | 40.875 | ng    | 99       |
| 53) 3-Nitroaniline            | 14.529 | 138  | 28326    | 43.819 | ng    | 96       |
| 54) 2,4-Dinitrophenol         | 14.764 | 184  | 12038    | 31.218 | ng    | # 71     |
| 55) Dibenzofuran              | 15.017 | 168  | 166040   | 40.152 | ng    | 95       |
| 56) 4-Nitrophenol             | 14.905 | 139  | 12626    | 29.276 | ng    | 95       |
| 57) 2,4-Dinitrotoluene        | 14.993 | 165  | 47511    | 42.879 | ng    | 86       |
| 58) Fluorene                  | 15.663 | 166  | 138572   | 40.757 | ng    | 95       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.264 | 232  | 36295    | 30.658 | ng    | # 81     |
| 60) Diethylphthalate          | 15.422 | 149  | 141455   | 41.845 | ng    | 96       |
| 61) 4-Chlorophenyl-phenyle... | 15.646 | 204  | 89427    | 40.070 | ng    | 90       |
| 62) 4-Nitroaniline            | 15.693 | 138  | 31882    | 46.945 | ng    | 90       |
| 63) Azobenzene                | 15.945 | 77   | 103990   | 42.574 | ng    | 87       |
| 65) 4,6-Dinitro-2-methylph... | 15.769 | 198  | 27173    | 34.682 | ng    | 79       |
| 66) n-Nitrosodiphenylamine    | 15.869 | 169  | 125363   | 39.594 | ng    | 98       |
| 67) 4-Bromophenyl-phenylether | 16.545 | 248  | 68241    | 38.314 | ng    | # 91     |
| 68) Hexachlorobenzene         | 16.680 | 284  | 79130    | 38.850 | ng    | # 90     |
| 69) Atrazine                  | 16.815 | 200  | 59232    | 42.039 | ng    | 95       |
| 70) Pentachlorophenol         | 17.038 | 266  | 19626    | 24.947 | ng    | 96       |
| 71) Phenanthrene              | 17.408 | 178  | 257160   | 40.719 | ng    | 98       |
| 72) Anthracene                | 17.496 | 178  | 255684   | 41.256 | ng    | 98       |
| 73) Carbazole                 | 17.773 | 167  | 220006   | 43.119 | ng    | 98       |
| 74) Di-n-butylphthalate       | 18.313 | 149  | 265327   | 44.066 | ng    | # 98     |
| 75) Fluoranthene              | 19.418 | 202  | 359975   | 41.814 | ng    | 95       |
| 77) Benzidine                 | 19.594 | 184  | 117973   | 42.387 | ng    | 98       |
| 78) Pyrene                    | 19.782 | 202  | 364065   | 41.287 | ng    | 99       |
| 80) Butylbenzylphthalate      | 20.652 | 149  | 119845   | 43.613 | ng    | # 86     |
| 81) Benzo(a)anthracene        | 21.615 | 228  | 398370   | 40.836 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 21.521 | 252  | 125425   | 41.341 | ng    | # 98     |
| 83) Chrysene                  | 21.680 | 228  | 377023   | 40.907 | ng    | 97       |
| 84) Bis(2-ethylhexyl)phtha... | 21.498 | 149  | 165146   | 42.472 | ng    | # 93     |
| 85) Di-n-octyl phthalate      | 22.690 | 149  | 281887   | 42.495 | ng    | # 94     |
| 87) Indeno(1,2,3-cd)pyrene    | 28.531 | 276  | 496706   | 40.208 | ng    | 99       |
| 88) Benzo(b)fluoranthene      | 23.818 | 252  | 396690   | 41.307 | ng    | # 97     |
| 89) Benzo(k)fluoranthene      | 23.883 | 252  | 384537   | 40.234 | ng    | # 98     |
| 90) Benzo(a)pyrene            | 24.688 | 252  | 336384   | 41.016 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 28.572 | 278  | 414426   | 40.798 | ng    | # 95     |
| 92) Benzo(g,h,i)perylene      | 29.676 | 276  | 407628   | 40.658 | ng    | # 92     |

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

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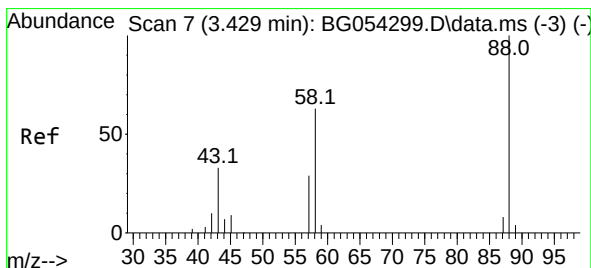
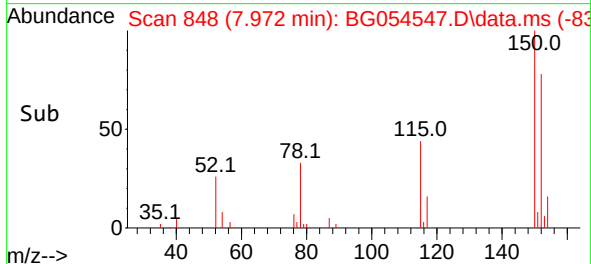
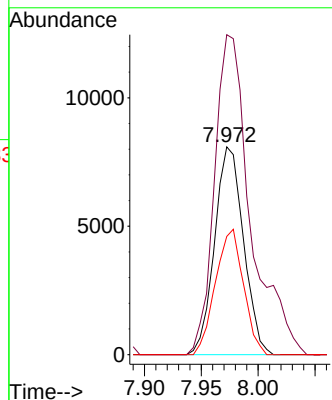
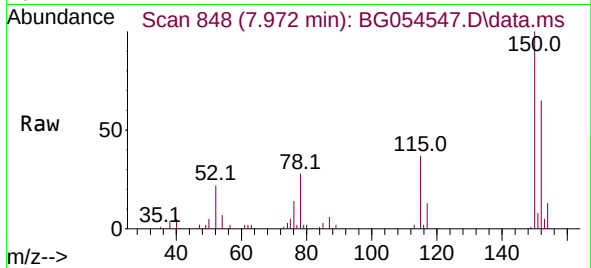




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 7.972 min Scan# 84  
 Delta R.T. 0.000 min  
 Lab File: BG054547.D  
 Acq: 8 Aug 2022 10:23

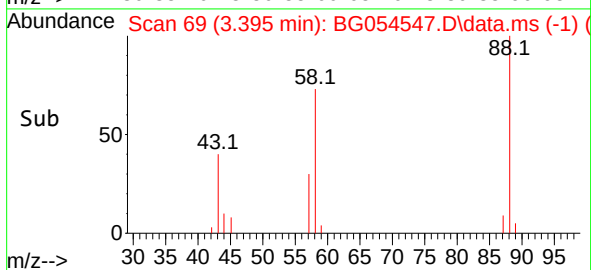
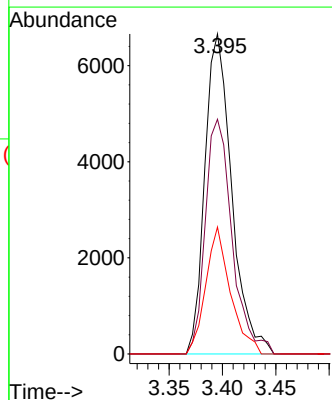
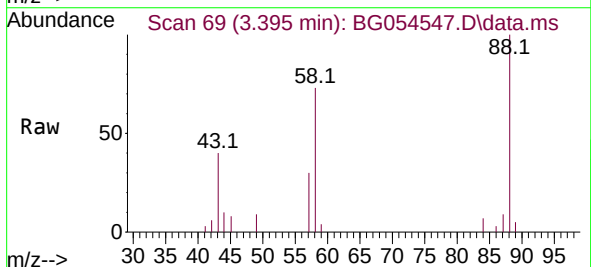
Instrument :  
 BNA\_G  
 ClientSampleId :  
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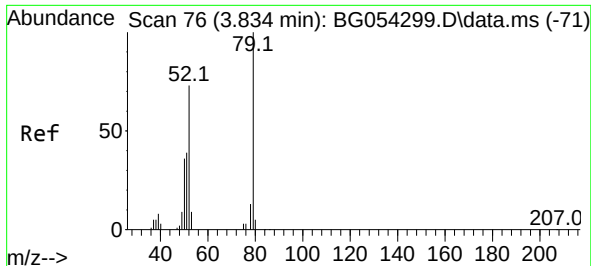
Tgt Ion:152 Resp: 14312  
 Ion Ratio Lower Upper  
 152 100  
 150 153.9 131.6 197.4  
 115 56.9 50.9 76.3



#2  
 1,4-Dioxane  
 Concen: 42.804 ng  
 RT: 3.395 min Scan# 69  
 Delta R.T. 0.000 min  
 Lab File: BG054547.D  
 Acq: 8 Aug 2022 10:23

Tgt Ion: 88 Resp: 11673  
 Ion Ratio Lower Upper  
 88 100  
 58 73.2 59.2 88.8  
 43 36.5 24.3 36.5#

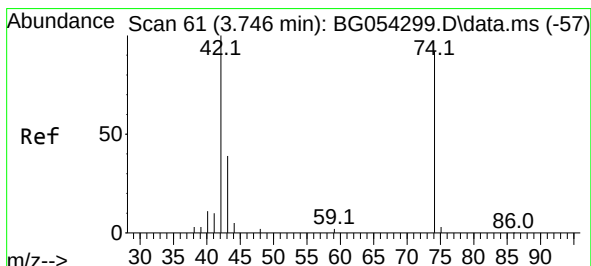
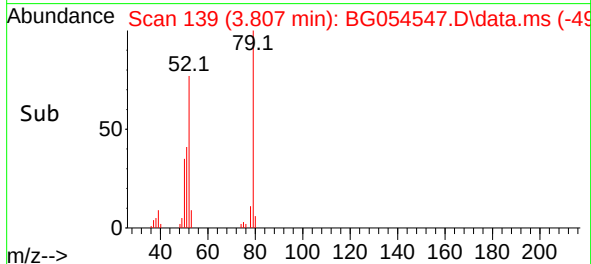
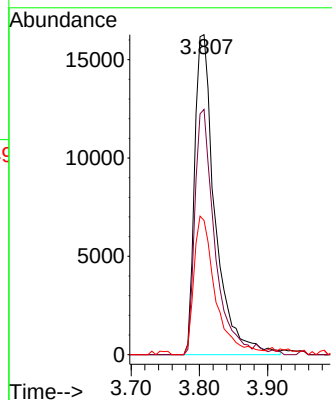
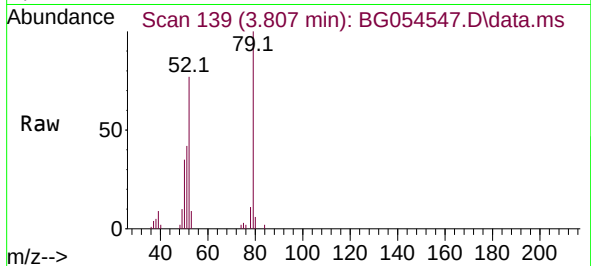




#3  
Pyridine  
Concen: 49.070 ng  
RT: 3.807 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BG054547.D  
Acq: 8 Aug 2022 10:23

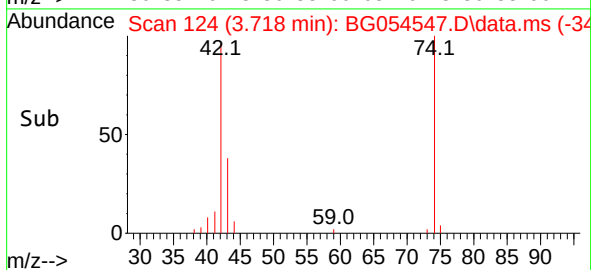
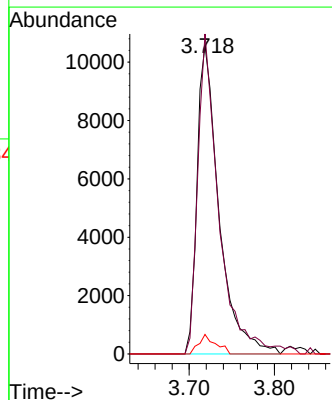
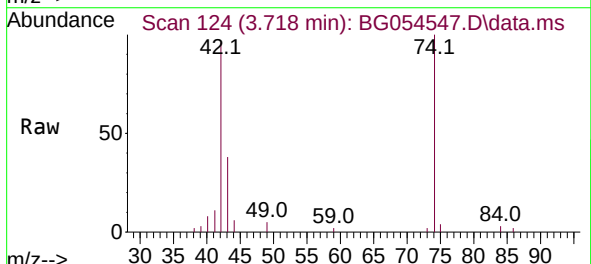
Instrument :  
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ClientSampleId :  
SSTDCCC040

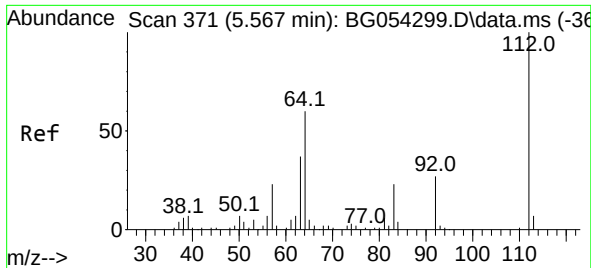
Tgt Ion: 79 Resp: 33947  
Ion Ratio Lower Upper  
79 100  
52 76.6 54.6 81.8  
51 41.9 32.5 48.7



#4  
n-Nitrosodimethylamine  
Concen: 48.862 ng  
RT: 3.718 min Scan# 124  
Delta R.T. 0.000 min  
Lab File: BG054547.D  
Acq: 8 Aug 2022 10:23

Tgt Ion: 42 Resp: 18901  
Ion Ratio Lower Upper  
42 100  
74 103.7 97.0 145.4  
44 6.3 7.0 10.4

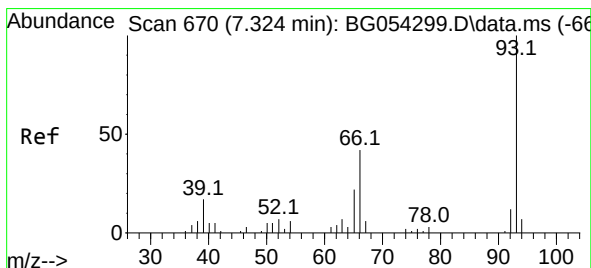
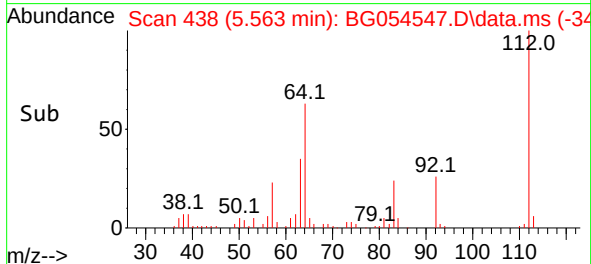
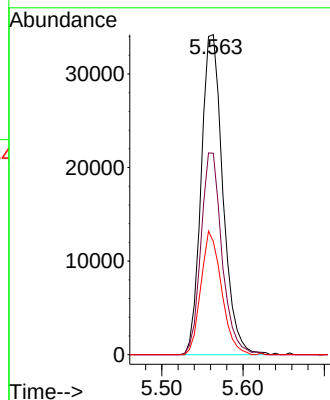
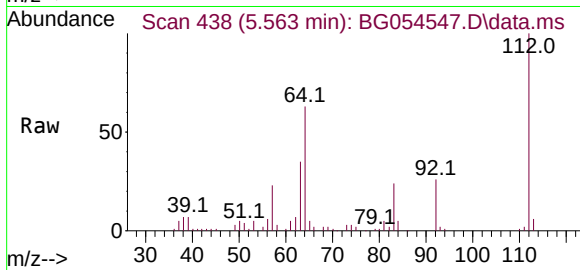




#5  
2-Fluorophenol  
Concen: 92.613 ng  
RT: 5.563 min Scan# 41  
Delta R.T. 0.000 min  
Lab File: BG054547.D  
Acq: 8 Aug 2022 10:23

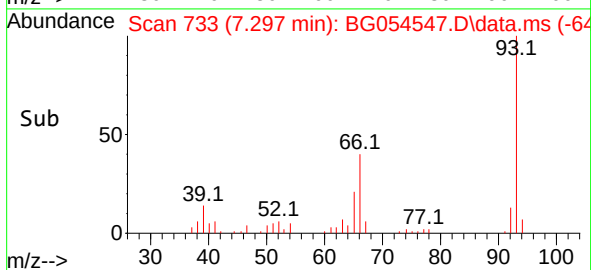
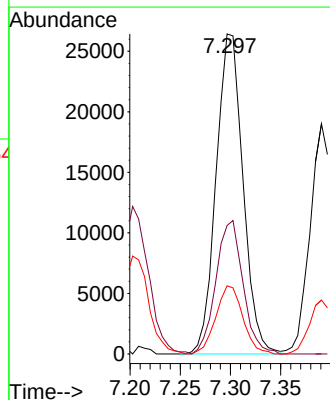
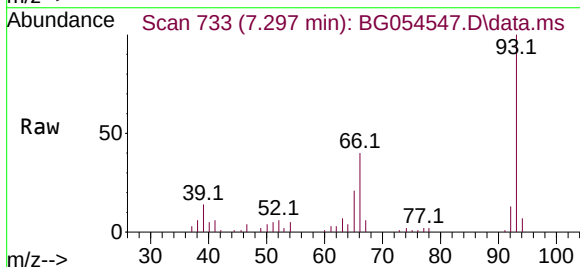
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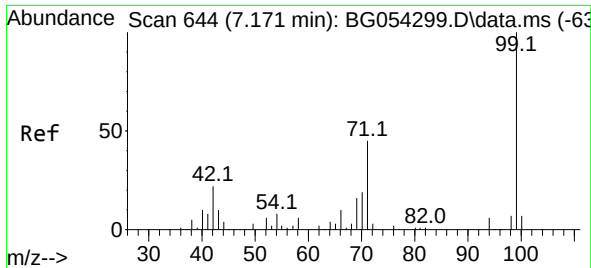
Tgt Ion:112 Resp: 63484  
Ion Ratio Lower Upper  
112 100  
64 63.0 55.1 82.7  
63 35.4 30.4 45.6



#6  
Aniline  
Concen: 45.476 ng  
RT: 7.297 min Scan# 733  
Delta R.T. 0.000 min  
Lab File: BG054547.D  
Acq: 8 Aug 2022 10:23

Tgt Ion: 93 Resp: 49305  
Ion Ratio Lower Upper  
93 100  
66 40.1 32.9 49.3  
65 21.3 17.8 26.8

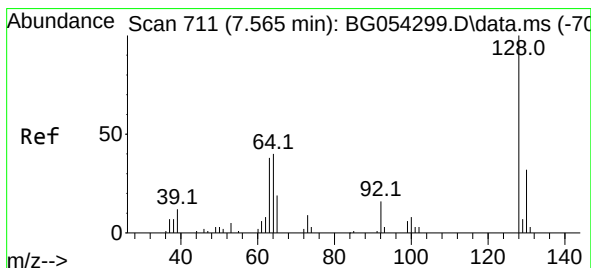
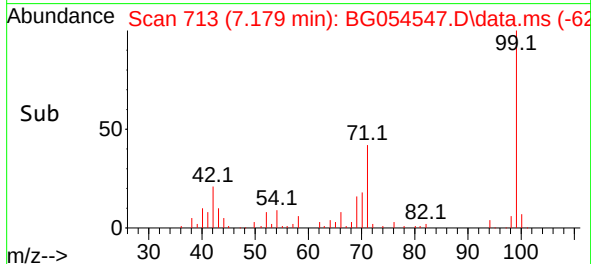
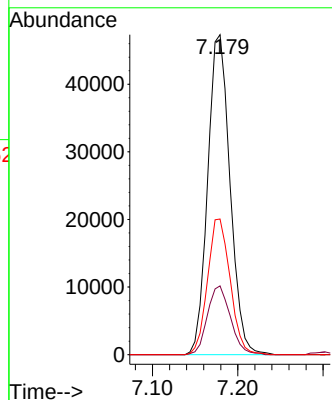
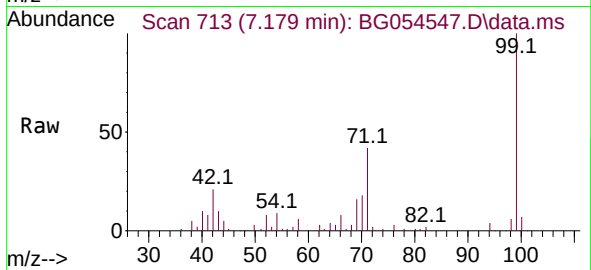




#7  
Phenol-d6  
Concen: 91.594 ng  
RT: 7.179 min Scan# 711  
Delta R.T. 0.000 min  
Lab File: BG054547.D  
Acq: 8 Aug 2022 10:23

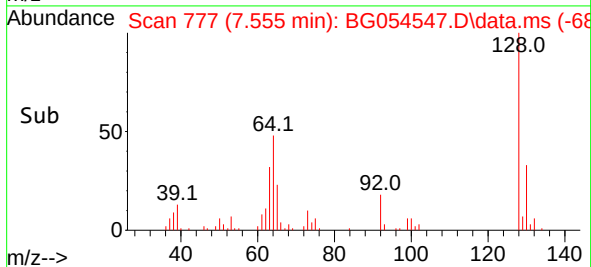
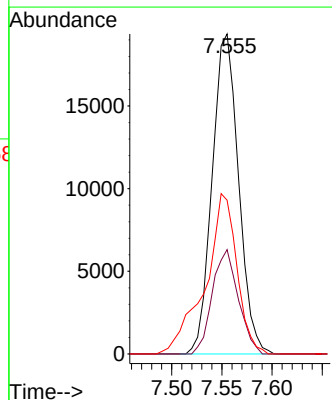
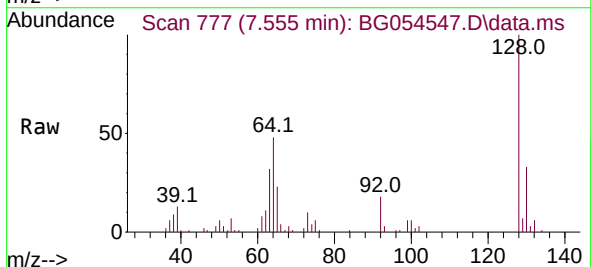
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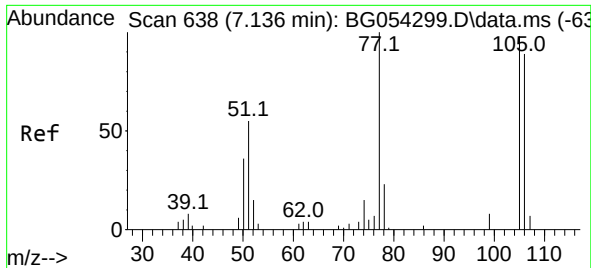
Tgt Ion: 99 Resp: 86032  
Ion Ratio Lower Upper  
99 100  
42 21.5 17.0 25.6  
71 42.4 33.8 50.8



#8  
2-Chlorophenol  
Concen: 44.886 ng  
RT: 7.555 min Scan# 777  
Delta R.T. 0.000 min  
Lab File: BG054547.D  
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Tgt Ion: 128 Resp: 35359  
Ion Ratio Lower Upper  
128 100  
130 32.6 10.5 50.5  
64 48.0 35.1 75.1





#9

Benzaldehyde

Concen: 53.764 ng

RT: 7.109 min Scan# 710

Delta R.T. 0.000 min

Lab File: BG054547.D

Acq: 8 Aug 2022 10:23

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

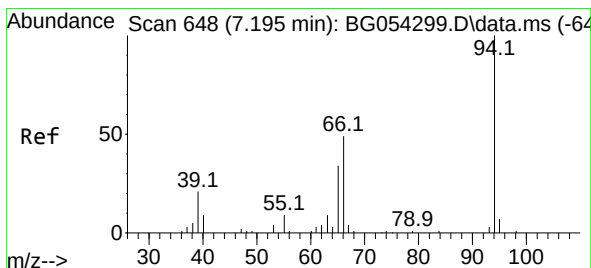
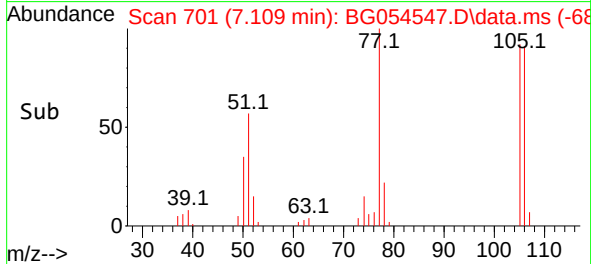
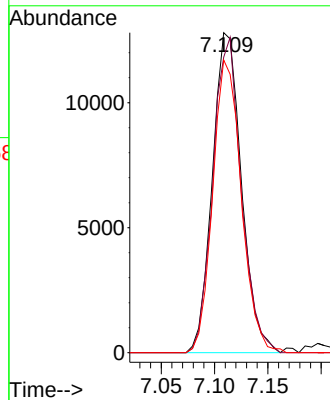
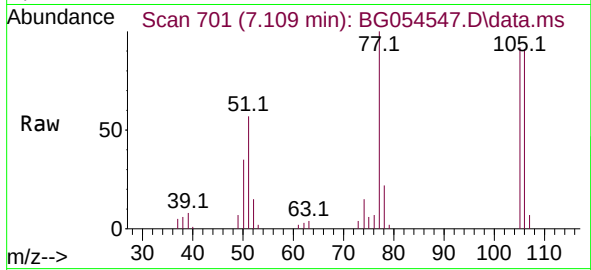
Tgt Ion: 77 Resp: 24219

Ion Ratio Lower Upper

77 100

105 92.3 59.6 99.6

106 91.4 56.8 96.8



#10

Phenol

Concen: 46.353 ng

RT: 7.203 min Scan# 717

Delta R.T. 0.000 min

Lab File: BG054547.D

Acq: 8 Aug 2022 10:23

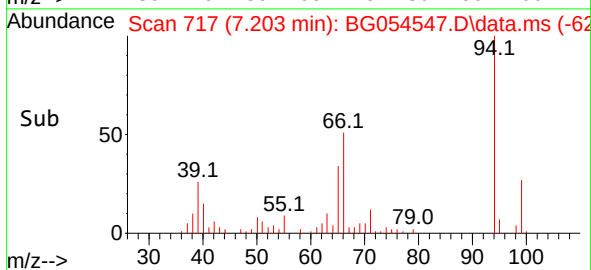
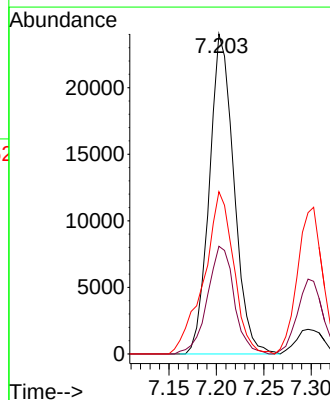
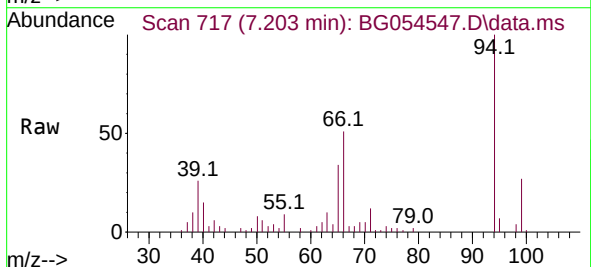
Tgt Ion: 94 Resp: 43257

Ion Ratio Lower Upper

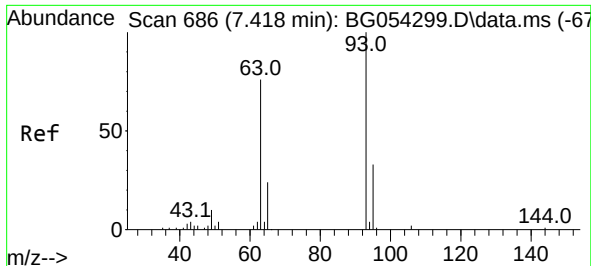
94 100

65 33.6 14.8 54.8

66 50.7 25.2 65.2



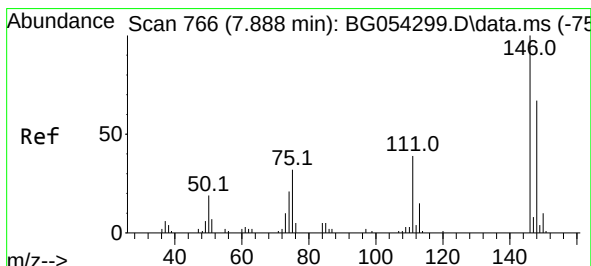
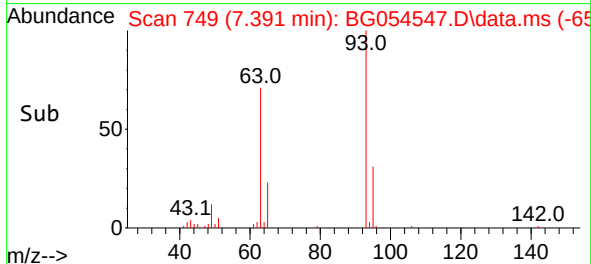
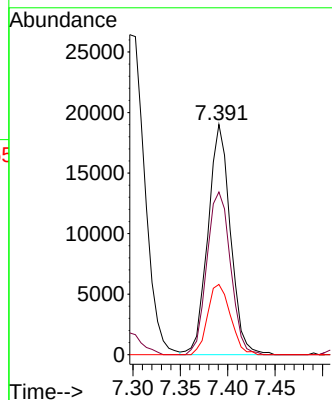
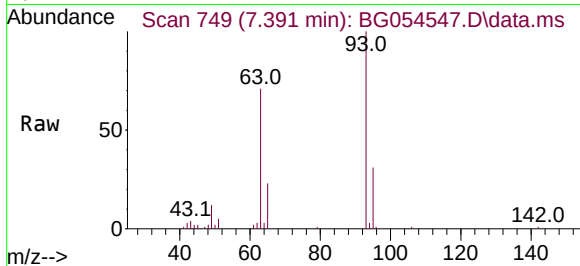




#11  
bis(2-Chloroethyl)ether  
Concen: 46.084 ng  
RT: 7.391 min Scan# 749  
Delta R.T. 0.000 min  
Lab File: BG054547.D  
Acq: 8 Aug 2022 10:23

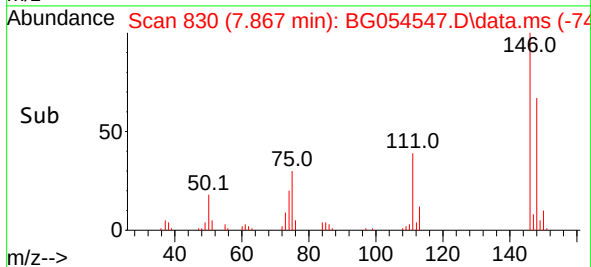
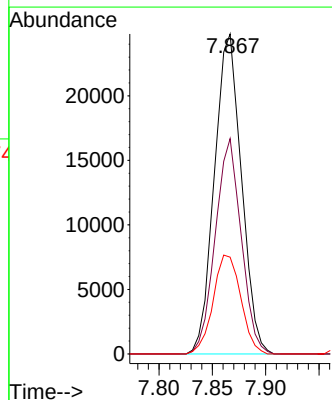
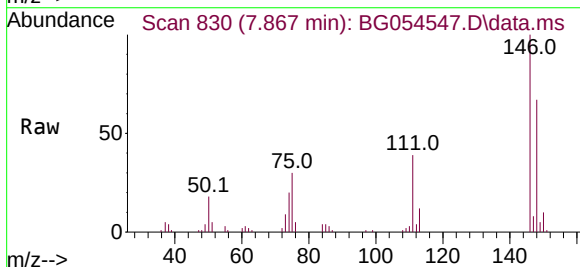
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

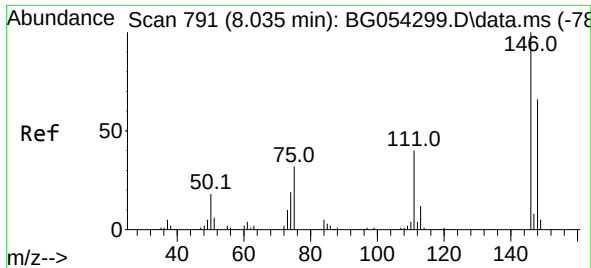
Tgt Ion: 93 Resp: 31357  
Ion Ratio Lower Upper  
93 100  
63 70.7 63.6 103.6  
95 30.5 10.1 50.1



#12  
1,3-Dichlorobenzene  
Concen: 45.510 ng  
RT: 7.867 min Scan# 830  
Delta R.T. 0.000 min  
Lab File: BG054547.D  
Acq: 8 Aug 2022 10:23

Tgt Ion: 146 Resp: 43681  
Ion Ratio Lower Upper  
146 100  
148 67.3 46.1 69.1  
75 30.2 27.6 41.4





#13

1,4-Dichlorobenzene

Concen: 44.328 ng

RT: 8.013 min Scan# 81

Delta R.T. 0.000 min

Lab File: BG054547.D

Acq: 8 Aug 2022 10:23

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

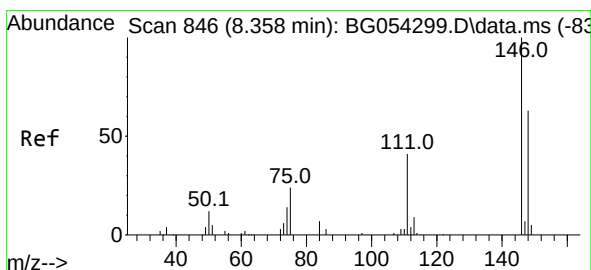
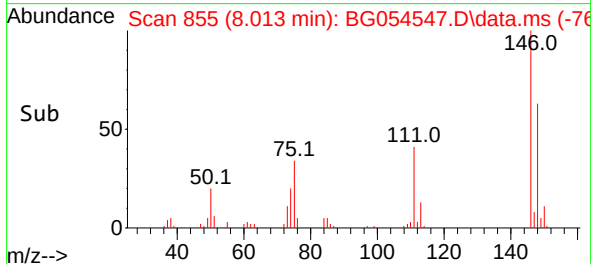
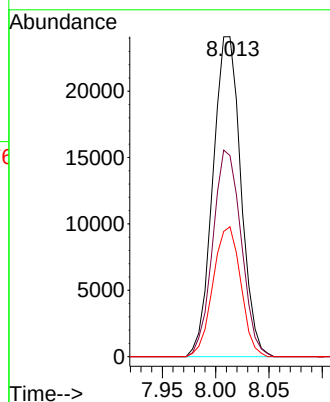
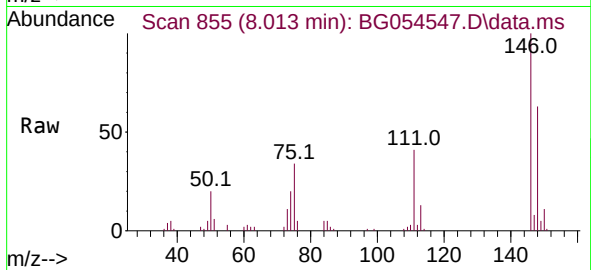
Tgt Ion:146 Resp: 43937

Ion Ratio Lower Upper

146 100

148 62.8 51.5 77.3

111 40.6 33.9 50.9



#14

1,2-Dichlorobenzene

Concen: 44.869 ng

RT: 8.331 min Scan# 909

Delta R.T. 0.000 min

Lab File: BG054547.D

Acq: 8 Aug 2022 10:23

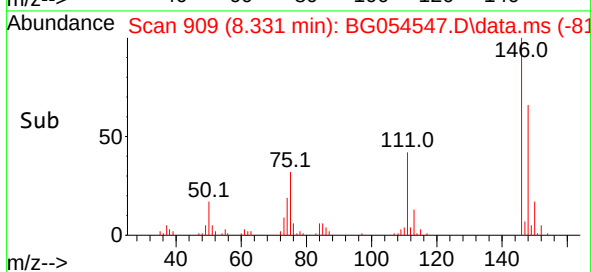
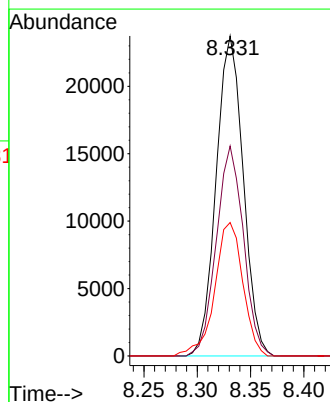
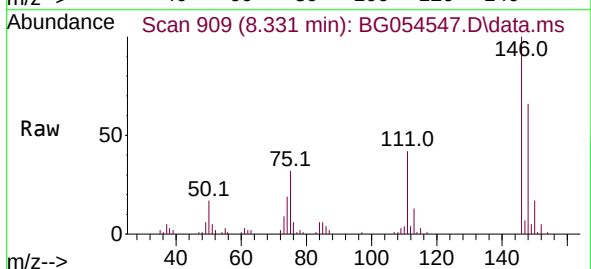
Tgt Ion:146 Resp: 41938

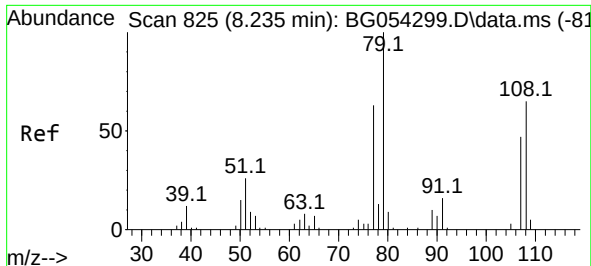
Ion Ratio Lower Upper

146 100

148 65.6 52.6 78.8

111 41.7 34.5 51.7





#15

Benzyl Alcohol

Concen: 44.431 ng

RT: 8.225 min Scan# 81

Delta R.T. 0.000 min

Lab File: BG054547.D

Acq: 8 Aug 2022 10:23

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

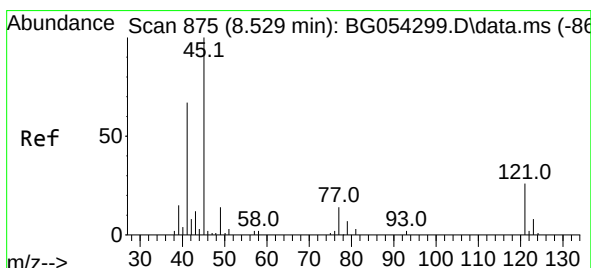
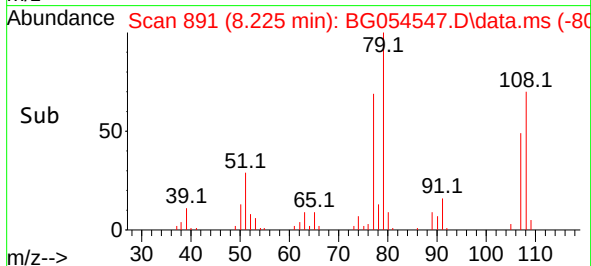
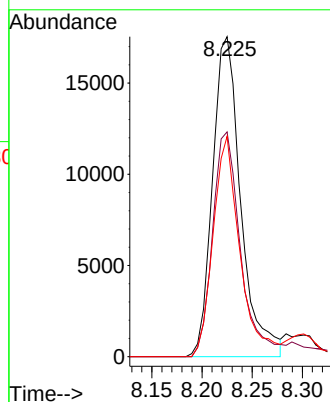
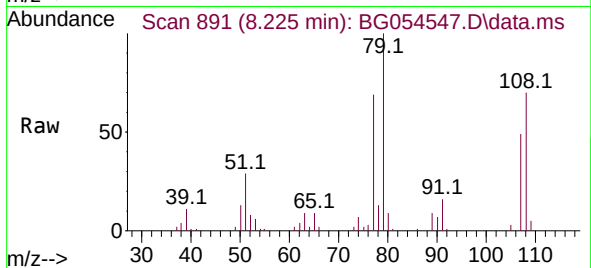
Tgt Ion: 79 Resp: 34324

Ion Ratio Lower Upper

79 100

108 70.3 53.7 80.5

77 68.8 52.2 78.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 48.061 ng

RT: 8.501 min Scan# 938

Delta R.T. 0.000 min

Lab File: BG054547.D

Acq: 8 Aug 2022 10:23

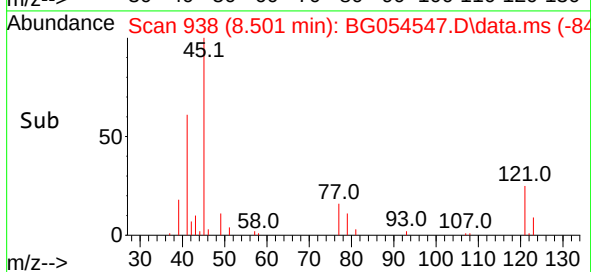
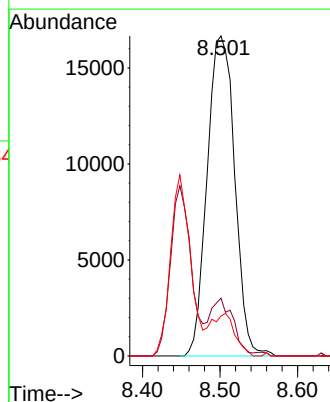
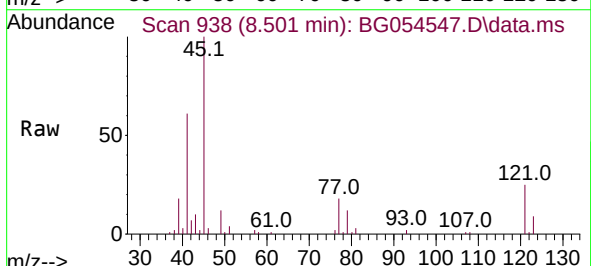
Tgt Ion: 45 Resp: 41186

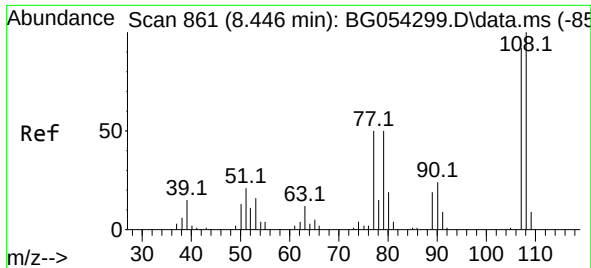
Ion Ratio Lower Upper

45 100

77 18.0 0.0 32.7

79 12.4 0.0 29.7

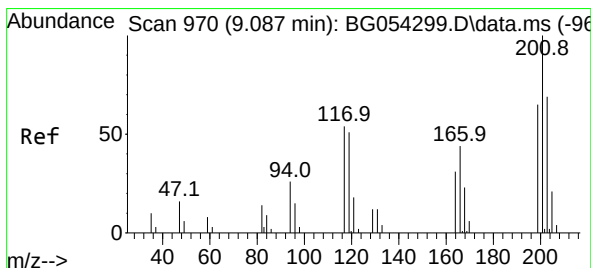
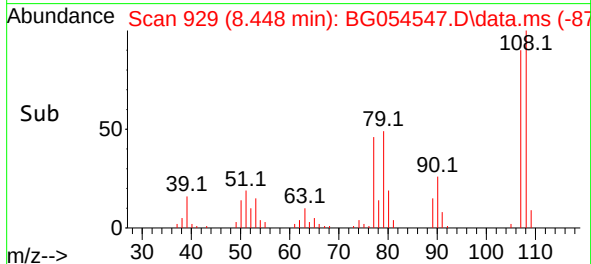
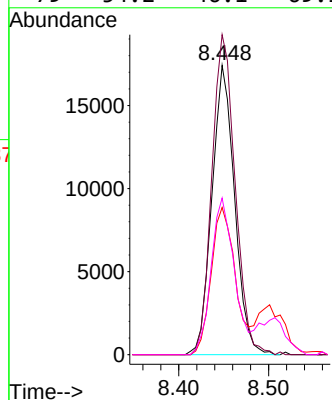
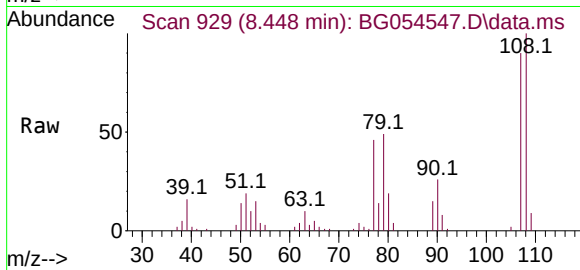




#17  
2-Methylphenol  
Concen: 45.414 ng  
RT: 8.448 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: BG054547.D  
Acq: 8 Aug 2022 10:23

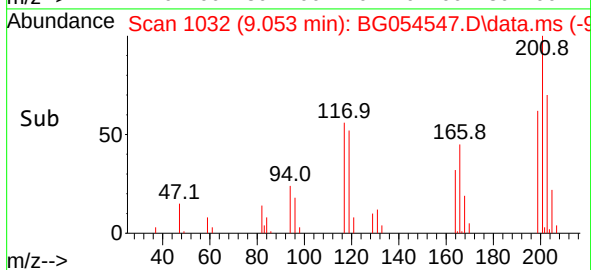
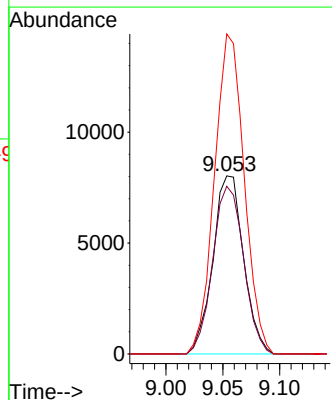
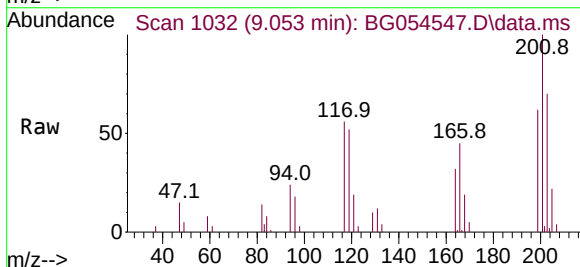
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

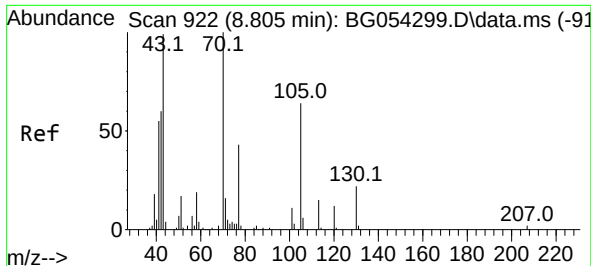
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 107   | Resp: | 30547 |
| Ion      | Ratio | Lower | Upper |
| 107      | 100   |       |       |
| 108      | 110.6 | 85.4  | 128.0 |
| 77       | 50.9  | 46.2  | 69.2  |
| 79       | 54.2  | 46.1  | 69.1  |



#18  
Hexachloroethane  
Concen: 45.881 ng  
RT: 9.053 min Scan# 1032  
Delta R.T. 0.000 min  
Lab File: BG054547.D  
Acq: 8 Aug 2022 10:23

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 15058  |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 94.1  | 75.0  | 112.6  |
| 201      | 184.7 | 89.0  | 133.6# |

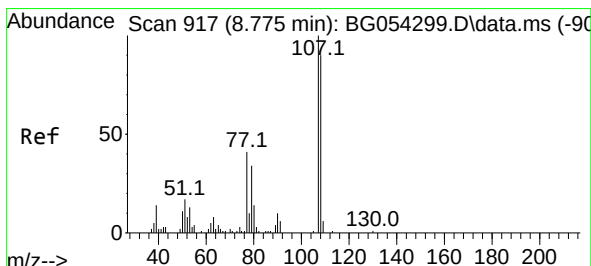
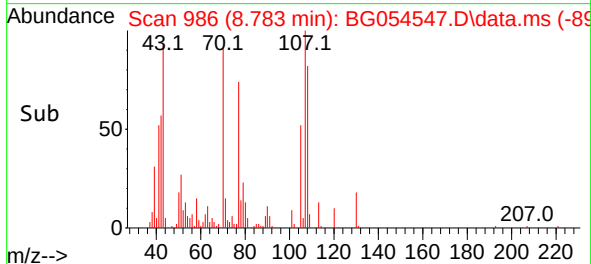
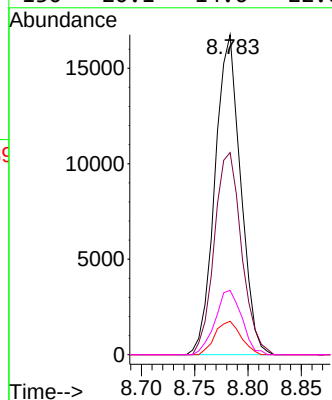
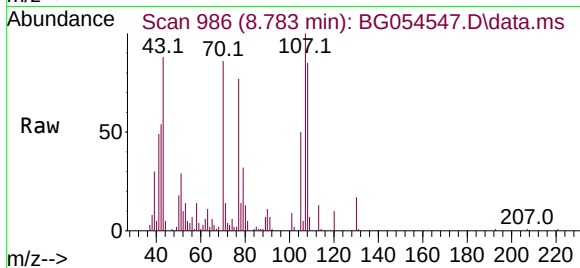




#19  
n-Nitroso-di-n-propylamine  
Concen: 44.545 ng  
RT: 8.783 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: BG054547.D  
Acq: 8 Aug 2022 10:23

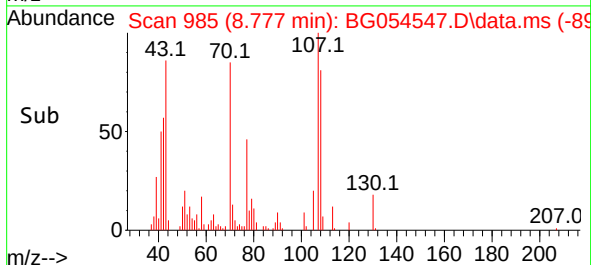
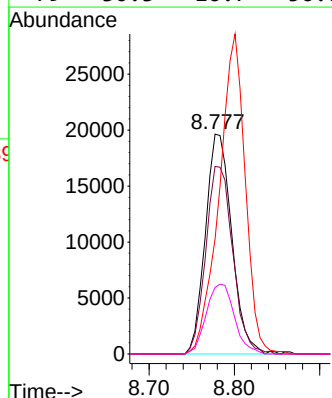
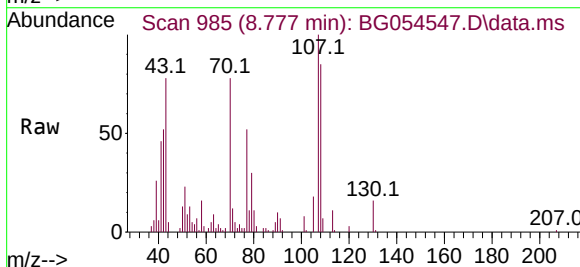
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

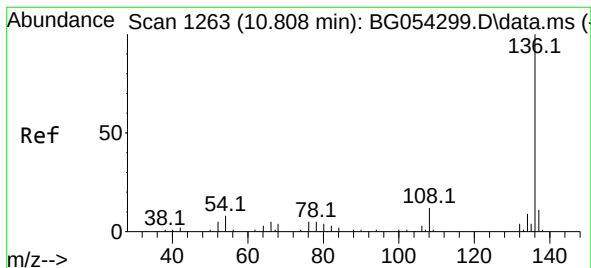
Tgt Ion: 70 Resp: 27940  
Ion Ratio Lower Upper  
70 100  
42 63.1 47.3 70.9  
101 10.5 7.0 10.4#  
130 20.1 14.6 22.0



#20  
3+4-Methylphenols  
Concen: 44.484 ng  
RT: 8.777 min Scan# 985  
Delta R.T. 0.000 min  
Lab File: BG054547.D  
Acq: 8 Aug 2022 10:23

Tgt Ion:107 Resp: 42159  
Ion Ratio Lower Upper  
107 100  
108 85.3 67.5 107.5  
77 52.3 20.3 60.3  
79 30.3 16.7 56.7

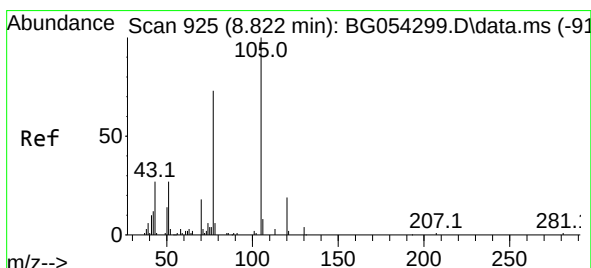
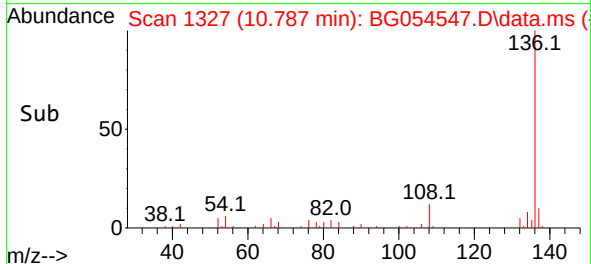
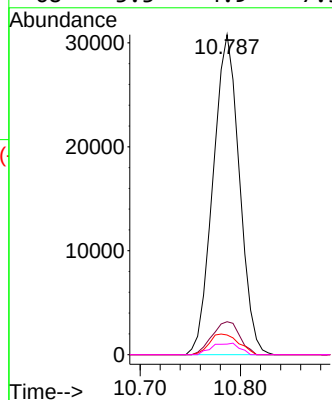
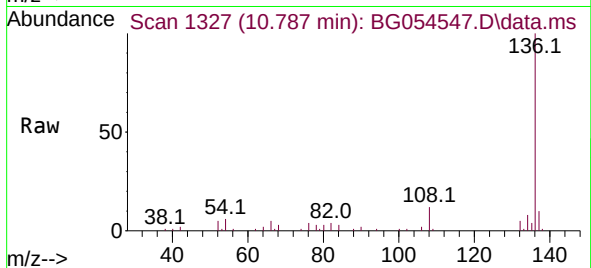




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.787 min Scan# 111  
Delta R.T. 0.000 min  
Lab File: BG054547.D  
Acq: 8 Aug 2022 10:23

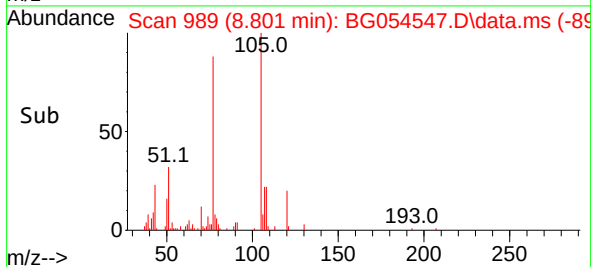
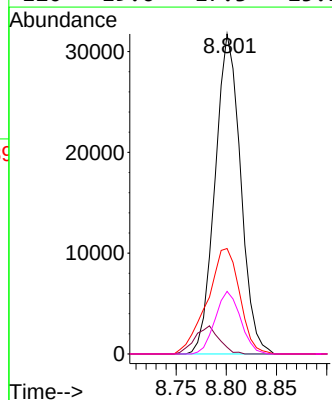
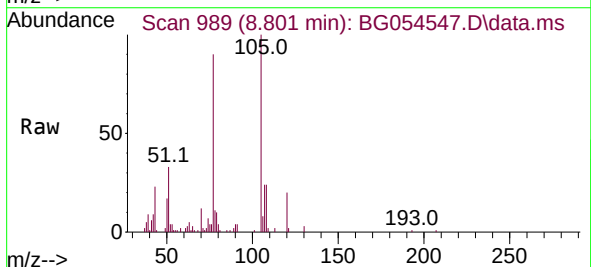
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

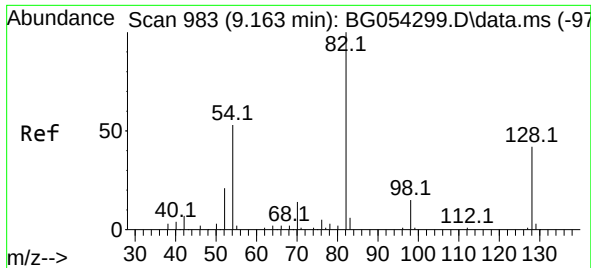
Tgt Ion:136 Resp: 56054  
Ion Ratio Lower Upper  
136 100  
137 10.3 8.5 12.7  
54 6.2 7.4 11.2#  
68 3.3 4.9 7.3#



#22  
Acetophenone  
Concen: 41.620 ng  
RT: 8.801 min Scan# 989  
Delta R.T. 0.000 min  
Lab File: BG054547.D  
Acq: 8 Aug 2022 10:23

Tgt Ion:105 Resp: 56111  
Ion Ratio Lower Upper  
105 100  
71 2.1 1.1 1.7#  
51 33.0 25.4 38.0  
120 19.6 17.3 25.9





#23  
Nitrobenzene-d5  
Concen: 85.188 ng  
RT: 9.142 min Scan# 1054  
Delta R.T. 0.000 min  
Lab File: BG054547.D  
Acq: 8 Aug 2022 10:23

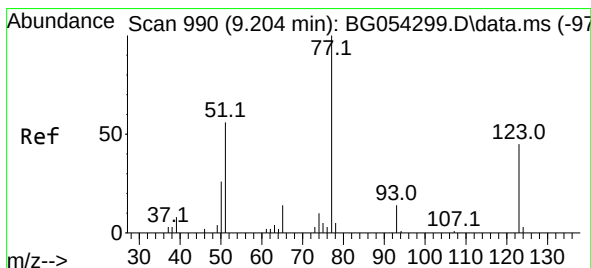
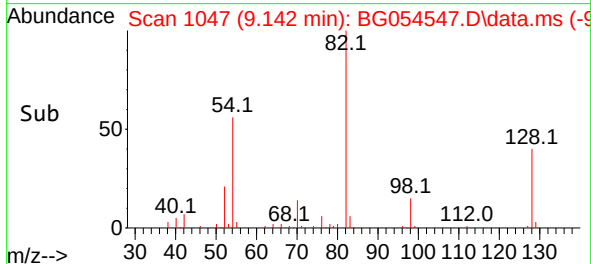
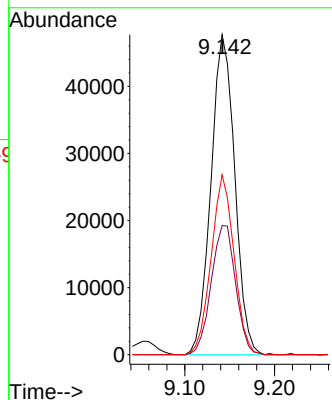
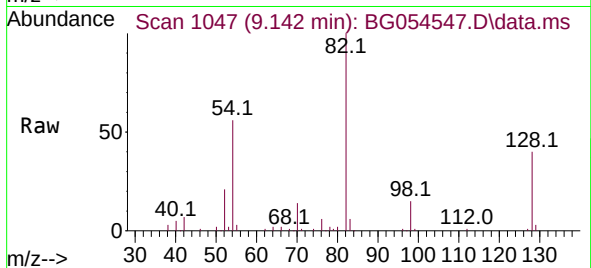
Instrument :

BNA\_G

ClientSampleId :

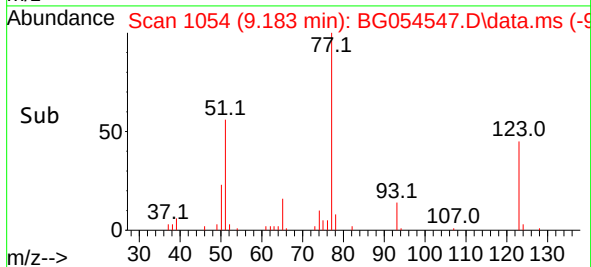
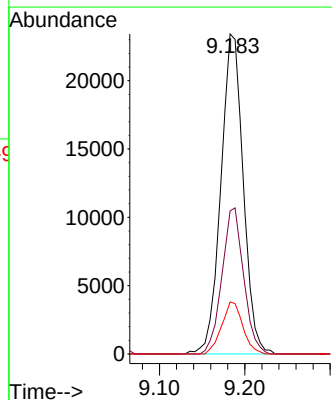
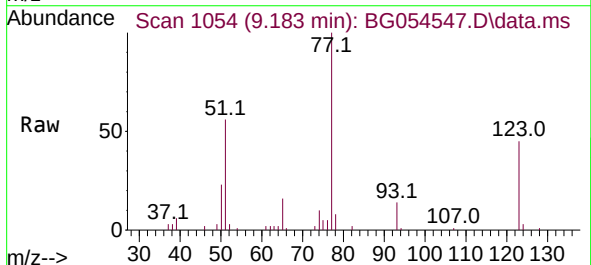
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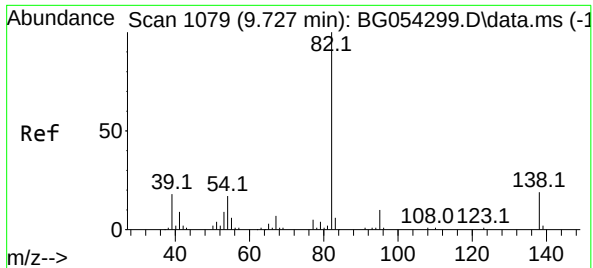
Tgt Ion: 82 Resp: 87686  
Ion Ratio Lower Upper  
82 100  
128 40.4 27.9 41.9  
54 56.2 41.2 61.8



#24  
Nitrobenzene  
Concen: 42.477 ng  
RT: 9.183 min Scan# 1054  
Delta R.T. 0.000 min  
Lab File: BG054547.D  
Acq: 8 Aug 2022 10:23

Tgt Ion: 77 Resp: 42730  
Ion Ratio Lower Upper  
77 100  
123 44.7 27.4 41.0#  
65 16.2 11.4 17.0

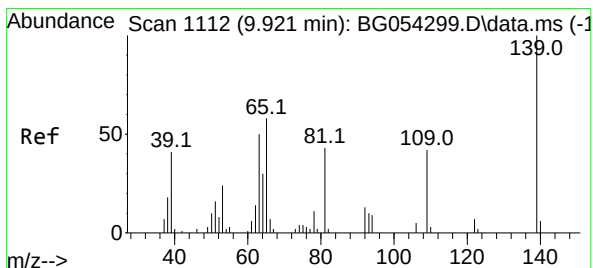
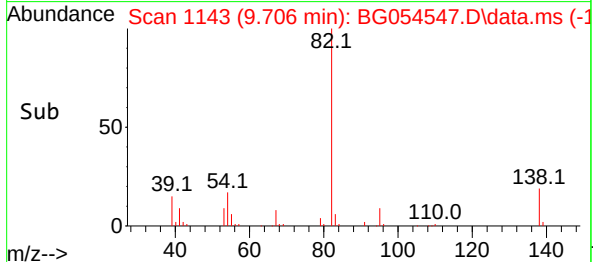
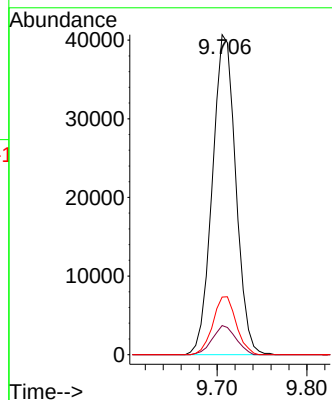
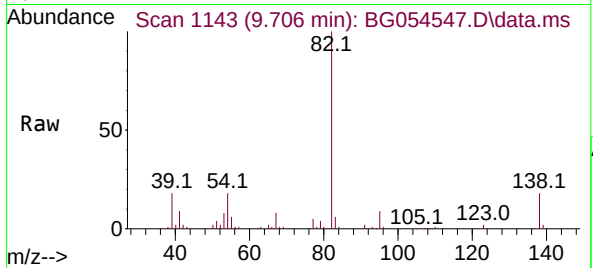




#25  
Isophorone  
Concen: 41.125 ng  
RT: 9.706 min Scan# 1143  
Delta R.T. 0.000 min  
Lab File: BG054547.D  
Acq: 8 Aug 2022 10:23

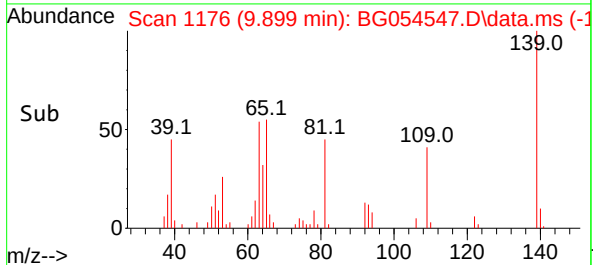
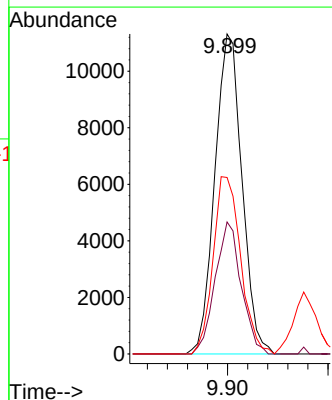
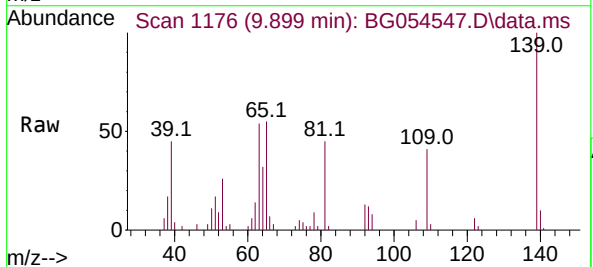
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

Tgt Ion: 82 Resp: 73621  
Ion Ratio Lower Upper  
82 100  
95 9.1 6.2 9.4  
138 18.0 11.6 17.4#

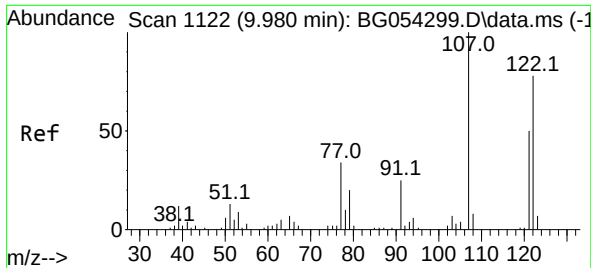


#26  
2-Nitrophenol  
Concen: 41.827 ng  
RT: 9.899 min Scan# 1176  
Delta R.T. 0.000 min  
Lab File: BG054547.D  
Acq: 8 Aug 2022 10:23

Tgt Ion: 139 Resp: 21209  
Ion Ratio Lower Upper  
139 100  
109 41.3 36.1 54.1  
65 55.2 55.8 83.6#







#27

2,4-Dimethylphenol

Concen: 41.652 ng

RT: 9.976 min Scan# 1122

Delta R.T. 0.000 min

Lab File: BG054547.D

Acq: 8 Aug 2022 10:23

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

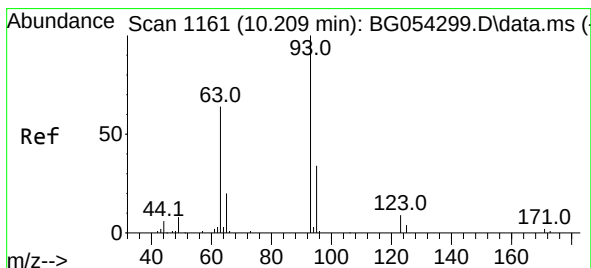
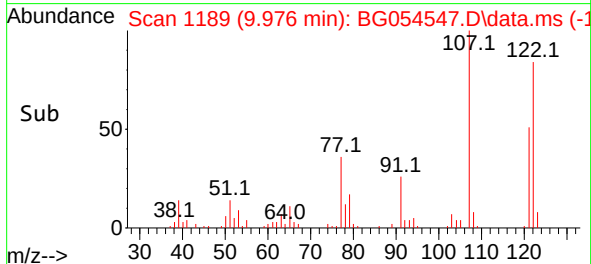
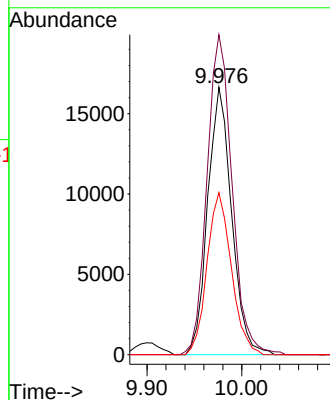
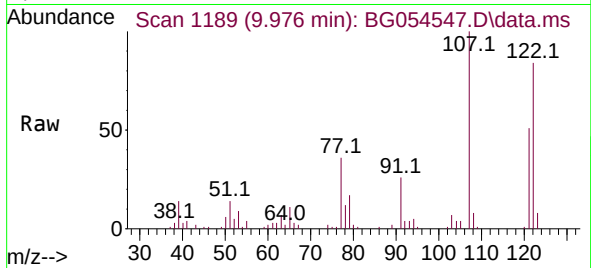
Tgt Ion:122 Resp: 29176

Ion Ratio Lower Upper

122 100

107 119.7 109.4 164.0

121 60.7 48.7 73.1



#28

bis(2-Chloroethoxy)methane

Concen: 42.337 ng

RT: 10.181 min Scan# 1224

Delta R.T. 0.000 min

Lab File: BG054547.D

Acq: 8 Aug 2022 10:23

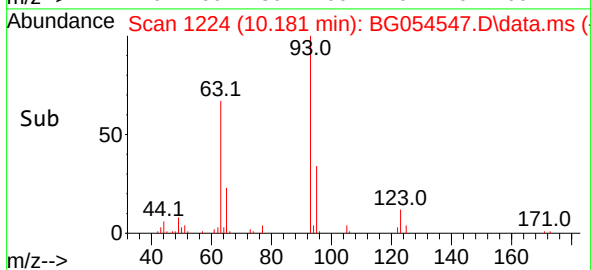
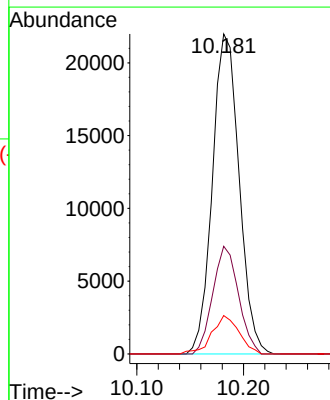
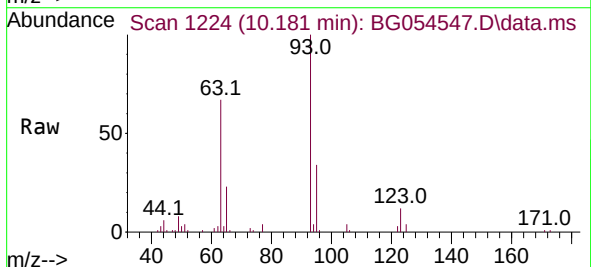
Tgt Ion: 93 Resp: 38225

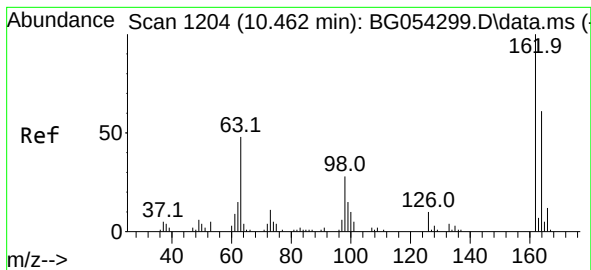
Ion Ratio Lower Upper

93 100

95 33.7 26.9 40.3

123 12.0 7.7 11.5#

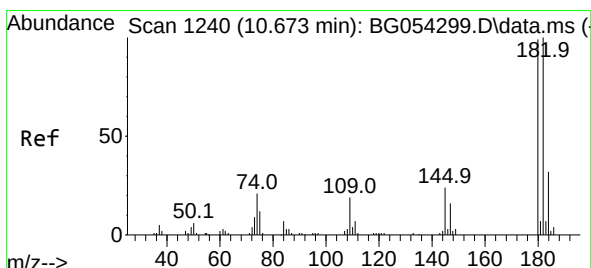
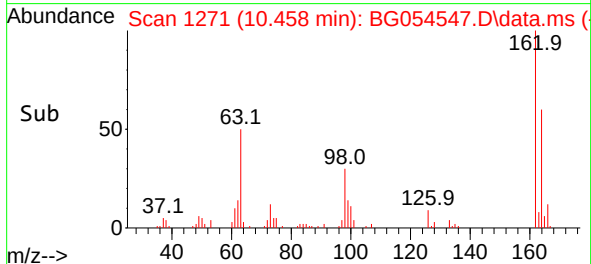
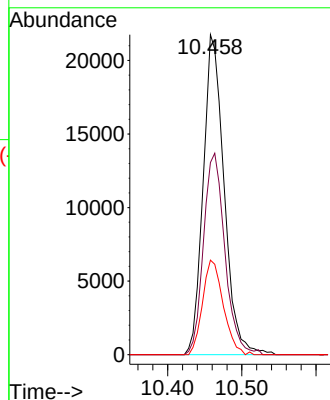
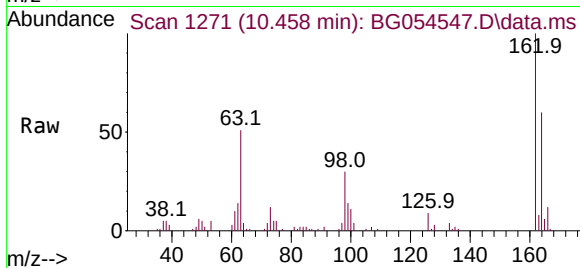




#29  
 2,4-Dichlorophenol  
 Concen: 40.357 ng  
 RT: 10.458 min Scan# 1304  
 Delta R.T. 0.000 min  
 Lab File: BG054547.D  
 Acq: 8 Aug 2022 10:23

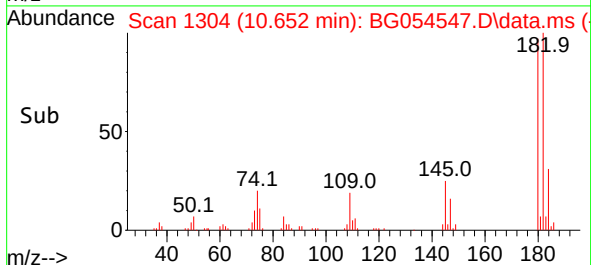
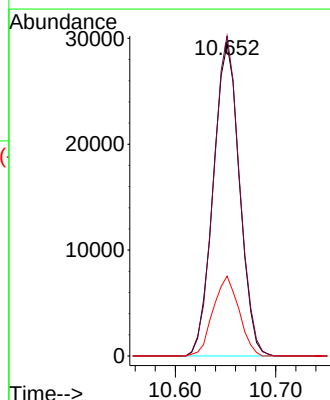
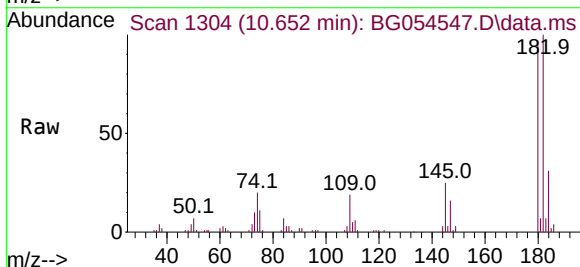
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

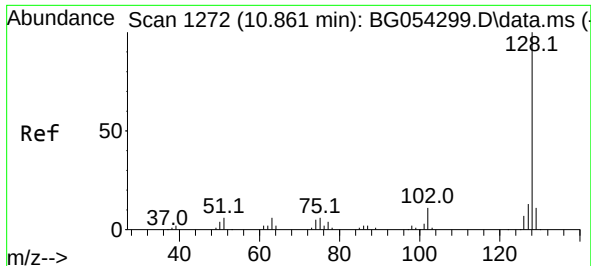
Tgt Ion:162 Resp: 42669  
 Ion Ratio Lower Upper  
 162 100  
 164 60.1 46.6 86.6  
 98 29.5 22.8 62.8



#30  
 1,2,4-Trichlorobenzene  
 Concen: 40.868 ng  
 RT: 10.652 min Scan# 1304  
 Delta R.T. 0.000 min  
 Lab File: BG054547.D  
 Acq: 8 Aug 2022 10:23

Tgt Ion:180 Resp: 53514  
 Ion Ratio Lower Upper  
 180 100  
 182 102.6 76.6 115.0  
 145 25.6 25.0 37.4

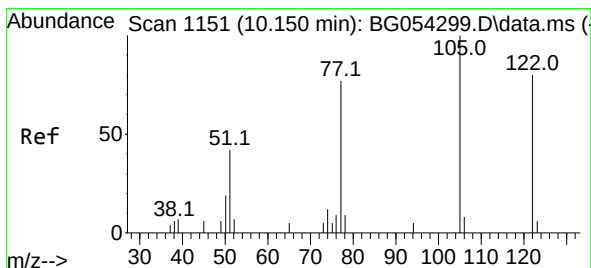
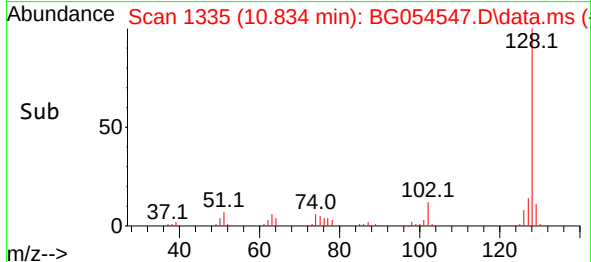
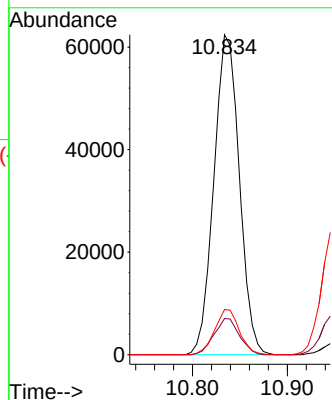
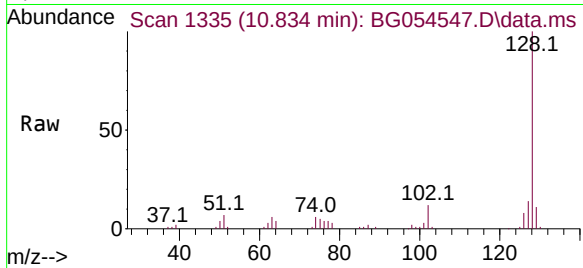




#31  
Naphthalene  
Concen: 41.393 ng  
RT: 10.834 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BG054547.D  
Acq: 8 Aug 2022 10:23

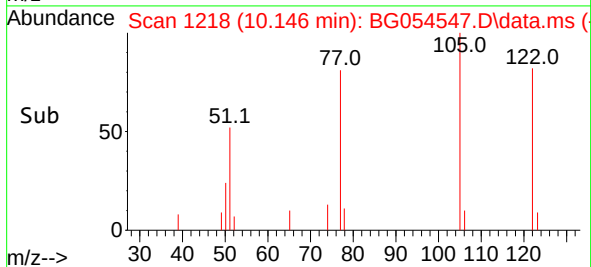
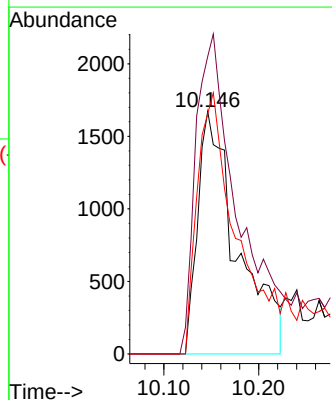
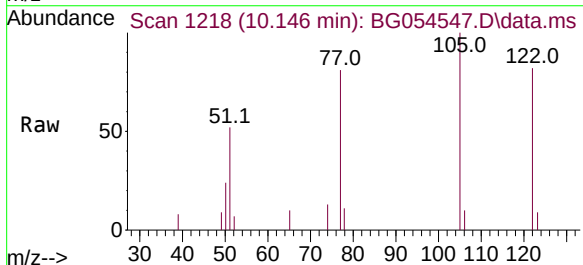
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

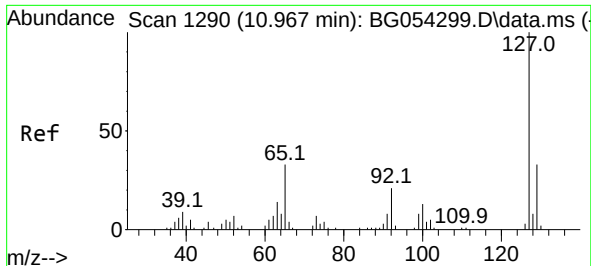
Tgt Ion:128 Resp: 116471  
Ion Ratio Lower Upper  
128 100  
129 11.3 9.0 13.6  
127 14.1 11.1 16.7



#32  
Benzoic acid  
Concen: 22.344 ng  
RT: 10.146 min Scan# 1218  
Delta R.T. 0.000 min  
Lab File: BG054547.D  
Acq: 8 Aug 2022 10:23

Tgt Ion:122 Resp: 4856  
Ion Ratio Lower Upper  
122 100  
105 122.7 111.8 151.8  
77 99.0 109.4 149.4#

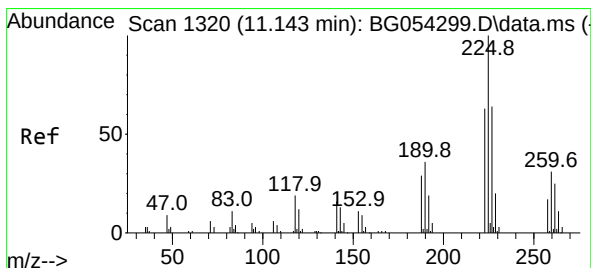
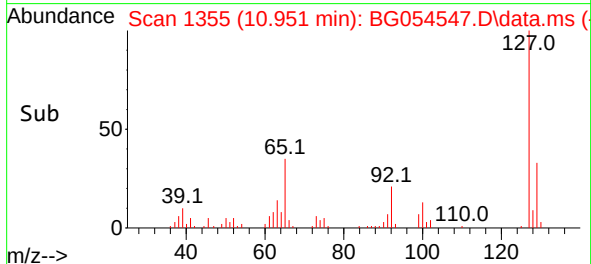
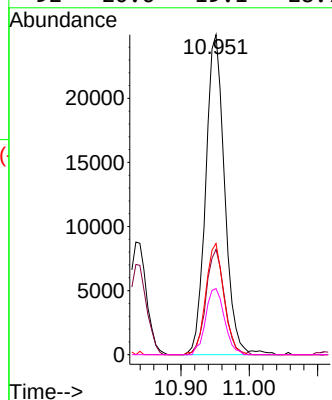
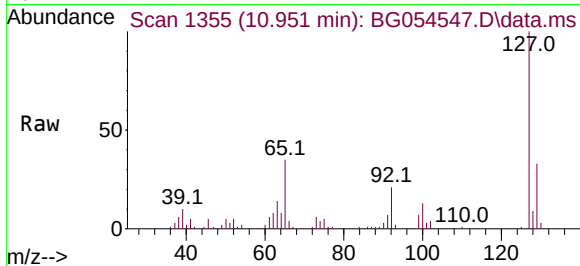




#33  
4-Chloroaniline  
Concen: 42.007 ng  
RT: 10.951 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BG054547.D  
Acq: 8 Aug 2022 10:23

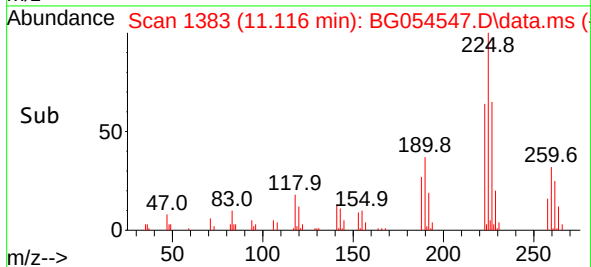
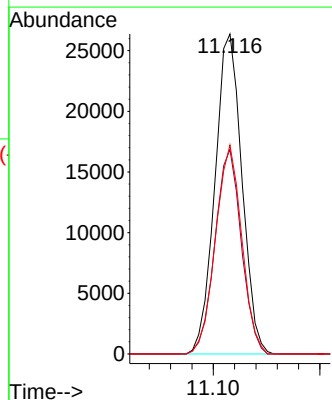
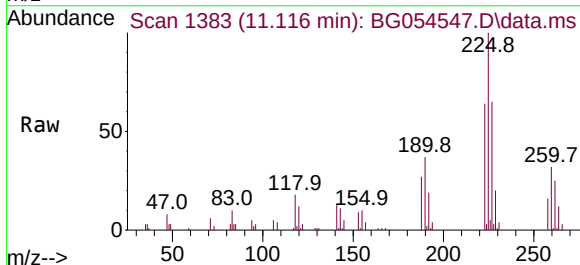
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

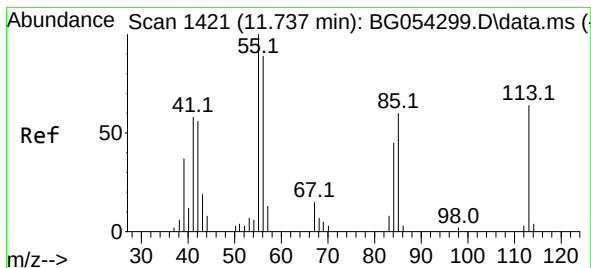
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 127   | Resp: | 48067 |
| Ion      | Ratio | Lower | Upper |
| 127      | 100   |       |       |
| 129      | 32.9  | 26.3  | 39.5  |
| 65       | 34.8  | 31.1  | 46.7  |
| 92       | 20.6  | 19.1  | 28.7  |



#34  
Hexachlorobutadiene  
Concen: 40.015 ng  
RT: 11.116 min Scan# 1383  
Delta R.T. 0.000 min  
Lab File: BG054547.D  
Acq: 8 Aug 2022 10:23

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 225   | Resp: | 46306 |
| Ion      | Ratio | Lower | Upper |
| 225      | 100   |       |       |
| 223      | 63.9  | 48.9  | 73.3  |
| 227      | 65.3  | 52.8  | 79.2  |

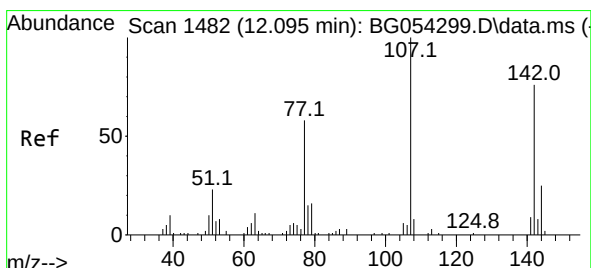
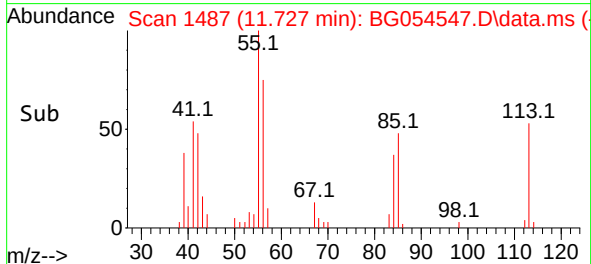
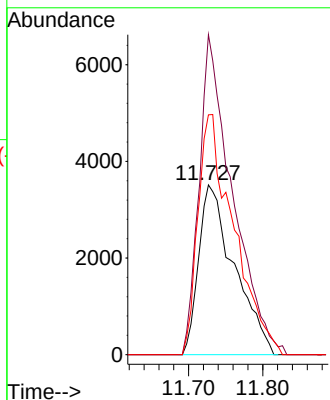
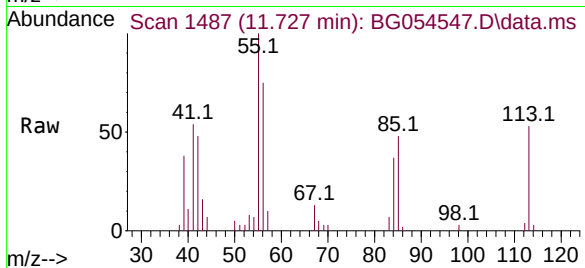




#35  
 Caprolactam  
 Concen: 43.972 ng  
 RT: 11.727 min Scan# 14  
 Delta R.T. 0.000 min  
 Lab File: BG054547.D  
 Acq: 8 Aug 2022 10:23

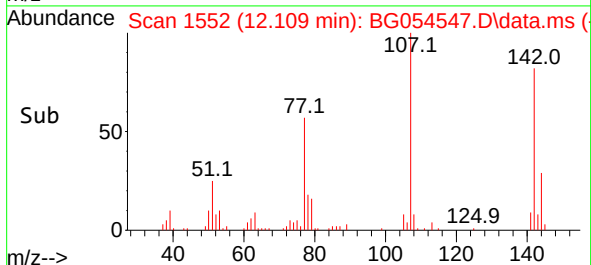
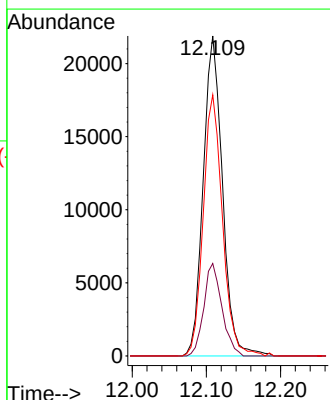
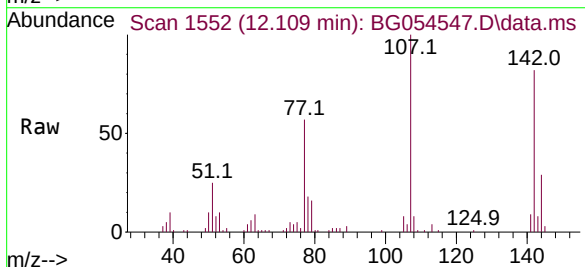
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

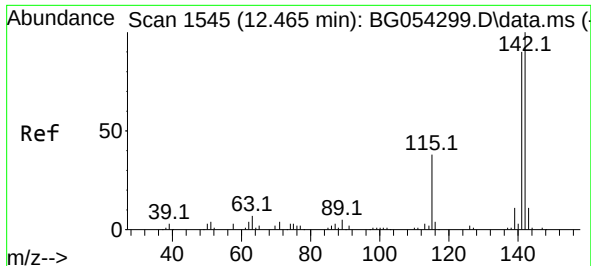
Tgt Ion:113 Resp: 11706  
 Ion Ratio Lower Upper  
 113 100  
 55 188.5 169.8 209.8  
 56 141.3 141.2 181.2



#36  
 4-Chloro-3-methylphenol  
 Concen: 41.112 ng  
 RT: 12.109 min Scan# 1552  
 Delta R.T. 0.000 min  
 Lab File: BG054547.D  
 Acq: 8 Aug 2022 10:23

Tgt Ion:107 Resp: 39544  
 Ion Ratio Lower Upper  
 107 100  
 144 28.9 18.5 27.7#  
 142 81.6 55.0 82.4





#37

2-Methylnaphthalene

Concen: 40.868 ng

RT: 12.444 min Scan# 1

Delta R.T. 0.000 min

Lab File: BG054547.D

Acq: 8 Aug 2022 10:23

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

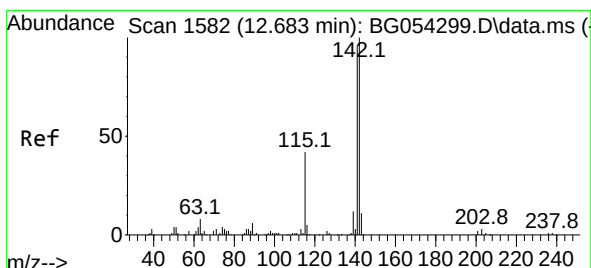
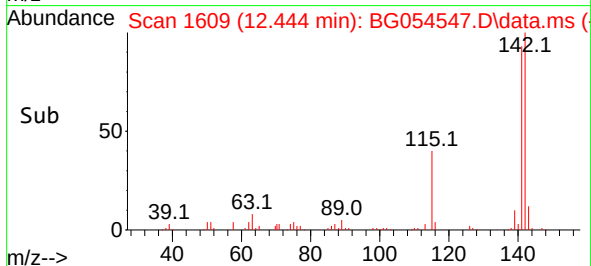
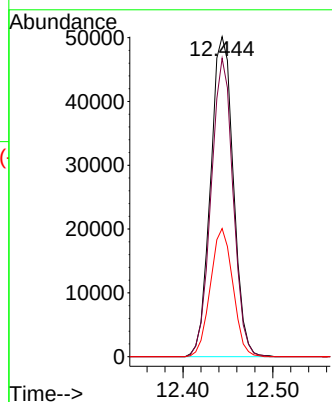
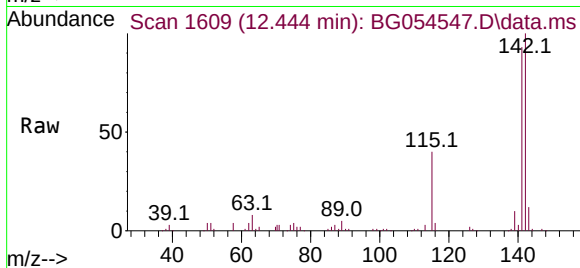
Tgt Ion:142 Resp: 88308

Ion Ratio Lower Upper

142 100

141 93.2 72.3 108.5

115 40.0 33.7 50.5



#38

1-Methylnaphthalene

Concen: 40.361 ng

RT: 12.661 min Scan# 1646

Delta R.T. 0.000 min

Lab File: BG054547.D

Acq: 8 Aug 2022 10:23

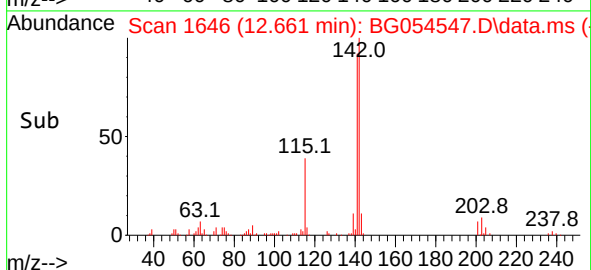
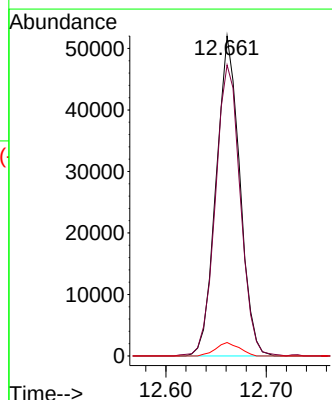
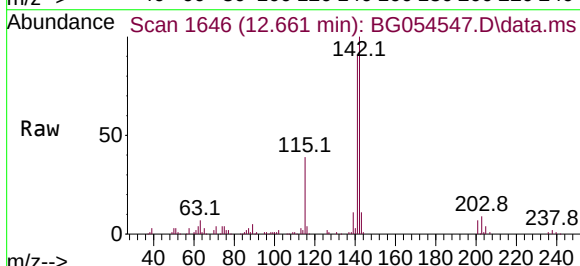
Tgt Ion:142 Resp: 84981

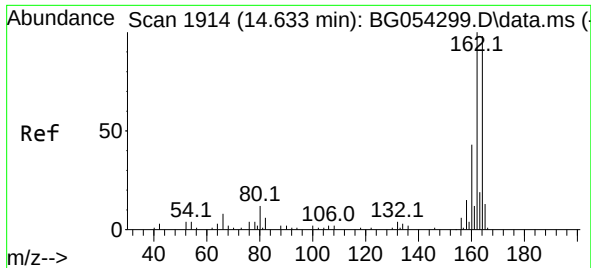
Ion Ratio Lower Upper

142 100

141 91.0 76.4 114.6

116 4.2 3.3 4.9

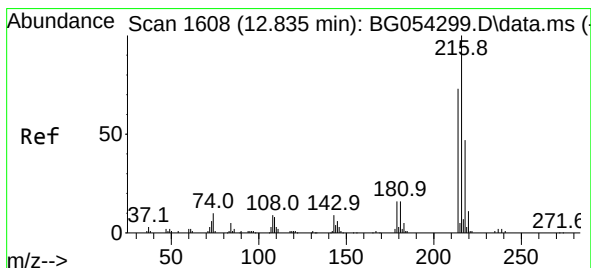
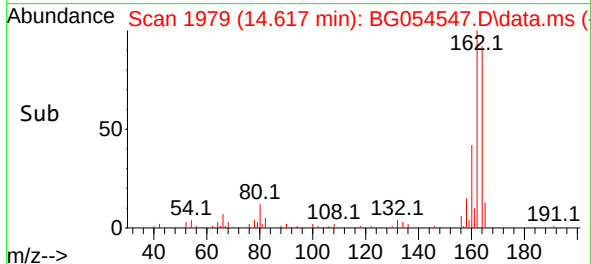
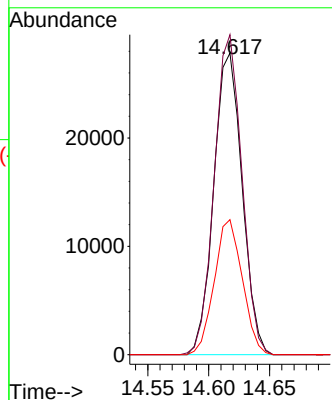
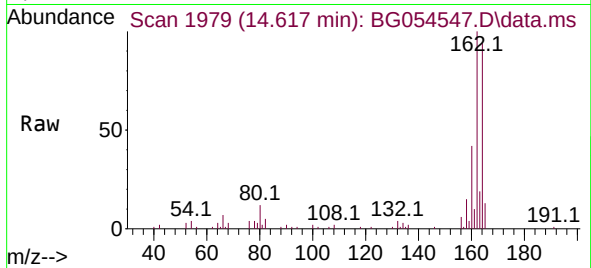




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.617 min Scan# 1914  
Delta R.T. 0.000 min  
Lab File: BG054547.D  
Acq: 8 Aug 2022 10:23

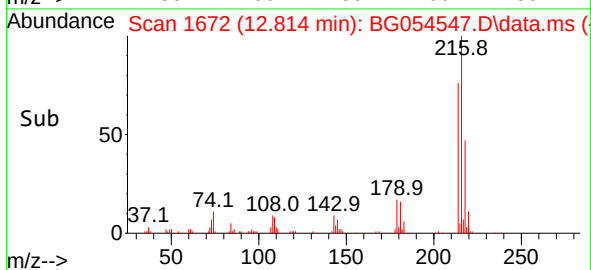
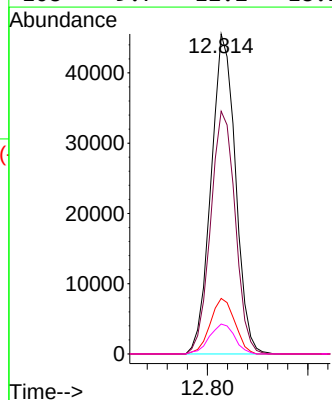
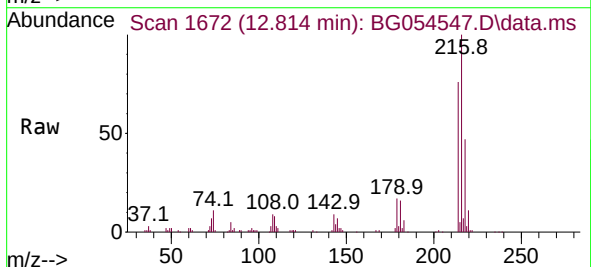
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

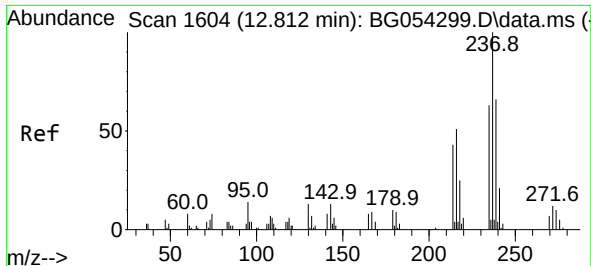
Tgt Ion:164 Resp: 45114  
Ion Ratio Lower Upper  
164 100  
162 106.1 82.3 123.5  
160 44.8 34.2 51.2



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 38.890 ng  
RT: 12.814 min Scan# 1672  
Delta R.T. 0.000 min  
Lab File: BG054547.D  
Acq: 8 Aug 2022 10:23

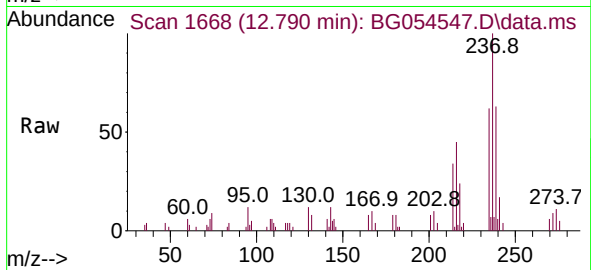
Tgt Ion:216 Resp: 76867  
Ion Ratio Lower Upper  
216 100  
214 76.3 62.9 94.3  
179 17.5 16.1 24.1  
108 9.7 12.2 18.2#



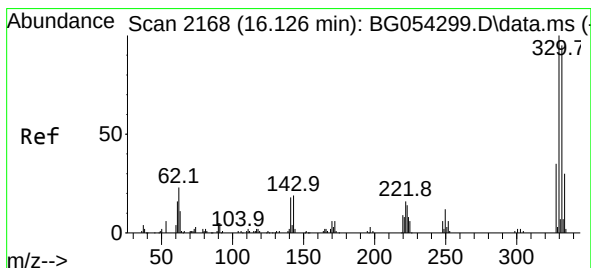
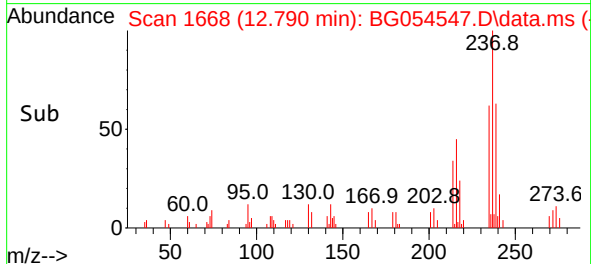
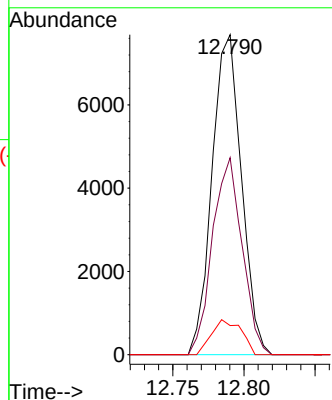


#41  
Hexachlorocyclopentadiene  
Concen: 23.878 ng  
RT: 12.790 min Scan# 11046  
Delta R.T. 0.000 min  
Lab File: BG054547.D  
Acq: 8 Aug 2022 10:23

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

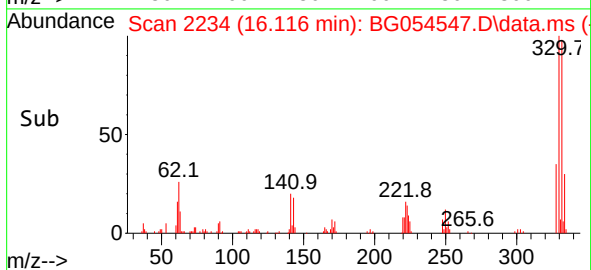
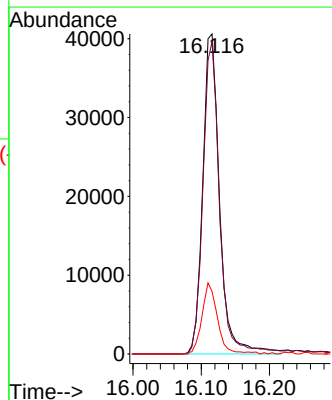
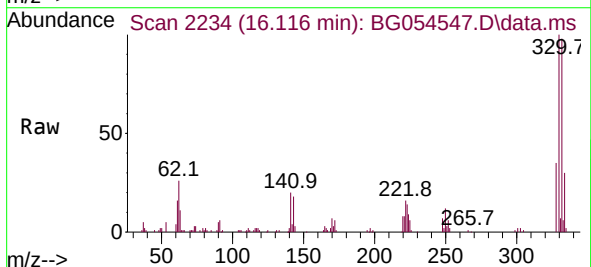


Tgt Ion:237 Resp: 11046  
Ion Ratio Lower Upper  
237 100  
235 61.6 43.5 83.5  
272 9.1 0.0 30.1

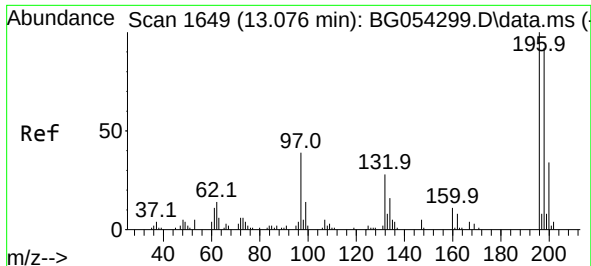


#42  
2,4,6-Tribromophenol  
Concen: 73.963 ng  
RT: 16.116 min Scan# 2234  
Delta R.T. 0.000 min  
Lab File: BG054547.D  
Acq: 8 Aug 2022 10:23

Tgt Ion:330 Resp: 70060  
Ion Ratio Lower Upper  
330 100  
332 95.8 76.0 114.0  
141 20.6 27.1 40.7#



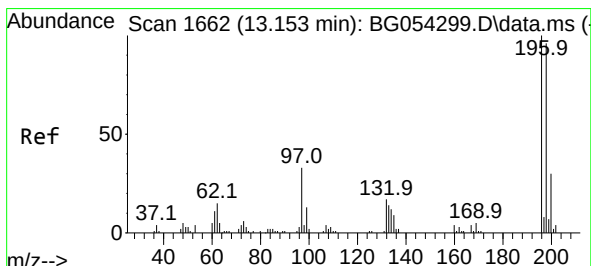
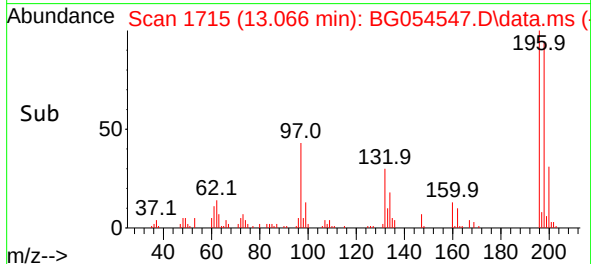
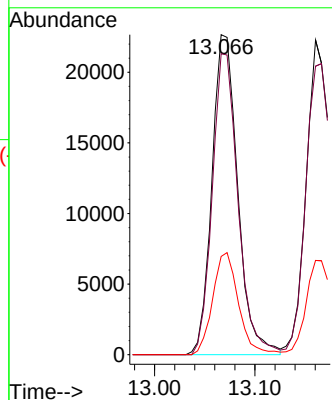
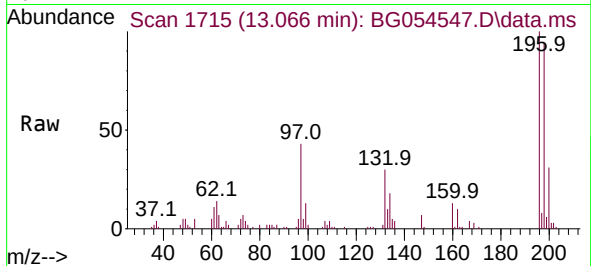




#43  
2,4,6-Trichlorophenol  
Concen: 37.646 ng  
RT: 13.066 min Scan# 1715  
Delta R.T. 0.000 min  
Lab File: BG054547.D  
Acq: 8 Aug 2022 10:23

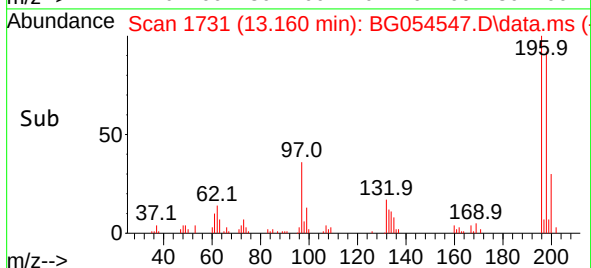
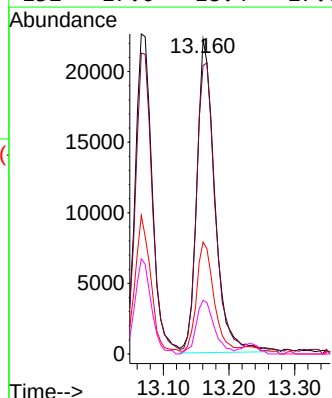
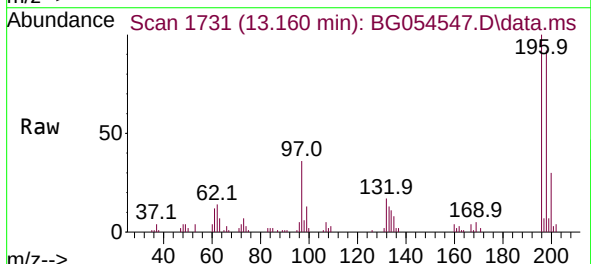
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

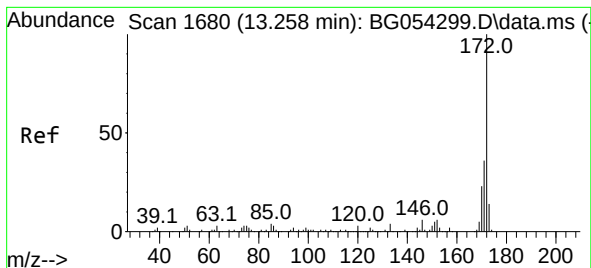
Tgt Ion:196 Resp: 40514  
Ion Ratio Lower Upper  
196 100  
198 94.1 74.1 111.1  
200 30.7 24.7 37.1



#44  
2,4,5-Trichlorophenol  
Concen: 35.079 ng  
RT: 13.160 min Scan# 1731  
Delta R.T. 0.000 min  
Lab File: BG054547.D  
Acq: 8 Aug 2022 10:23

Tgt Ion:196 Resp: 42655  
Ion Ratio Lower Upper  
196 100  
198 91.6 76.8 115.2  
97 35.6 39.8 59.6#  
132 17.0 18.4 27.6#

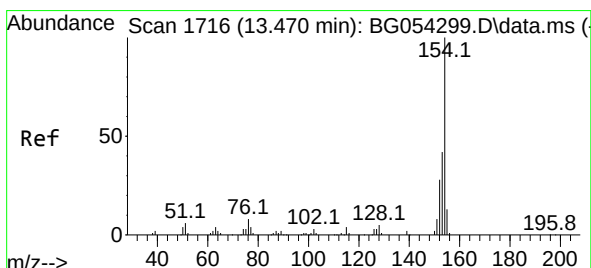
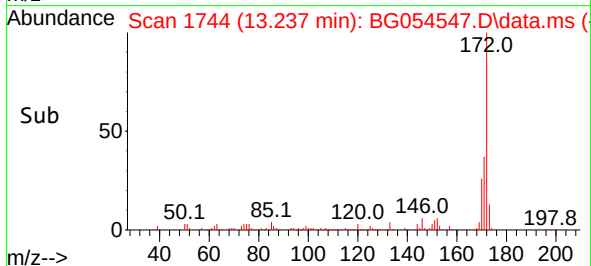
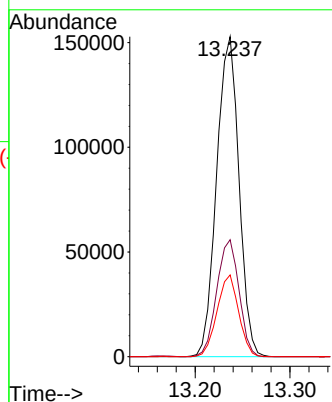
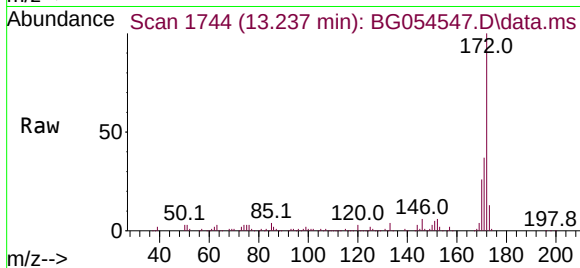




#45  
2-Fluorobiphenyl  
Concen: 78.303 ng  
RT: 13.237 min Scan# 1  
Delta R.T. 0.000 min  
Lab File: BG054547.D  
Acq: 8 Aug 2022 10:23

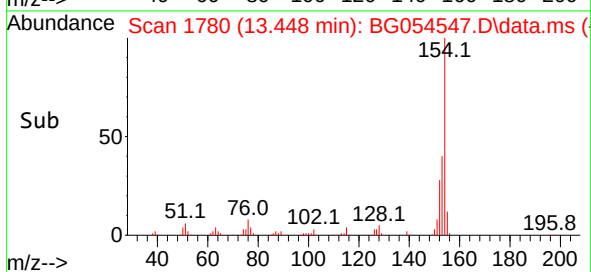
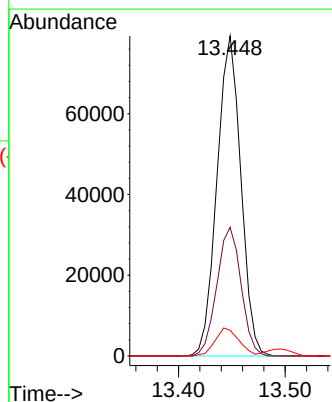
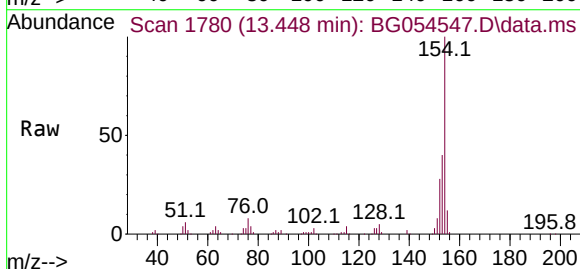
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

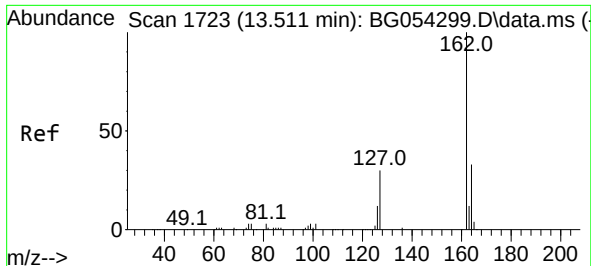
Tgt Ion:172 Resp: 250413  
Ion Ratio Lower Upper  
172 100  
171 36.6 28.5 42.7  
170 25.5 18.9 28.3



#46  
1,1'-Biphenyl  
Concen: 39.856 ng  
RT: 13.448 min Scan# 1780  
Delta R.T. 0.000 min  
Lab File: BG054547.D  
Acq: 8 Aug 2022 10:23

Tgt Ion:154 Resp: 123011  
Ion Ratio Lower Upper  
154 100  
153 40.2 21.6 61.6  
76 8.0 0.0 32.6

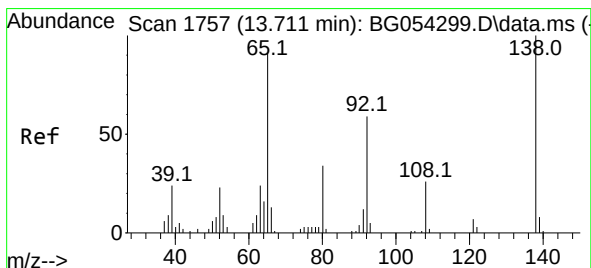
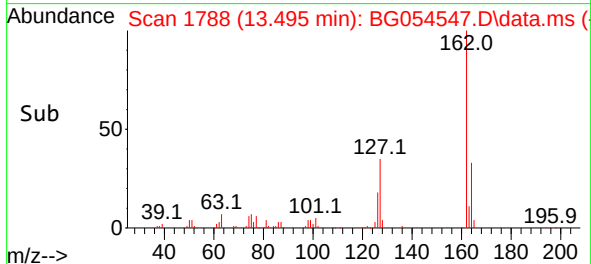
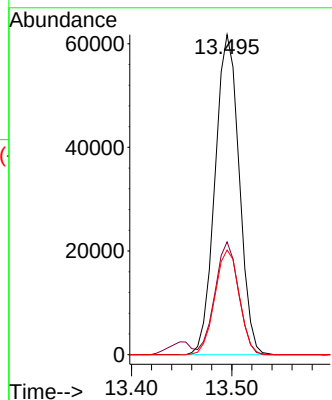
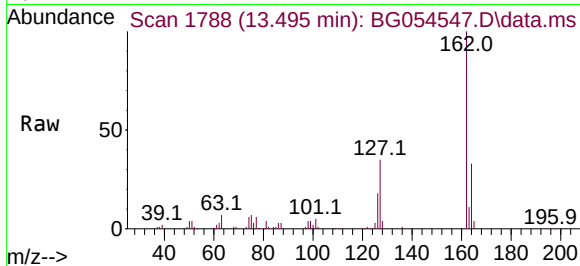




#47  
2-Chloronaphthalene  
Concen: 39.931 ng  
RT: 13.495 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BG054547.D  
Acq: 8 Aug 2022 10:23

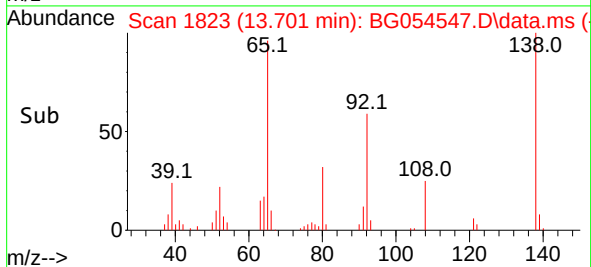
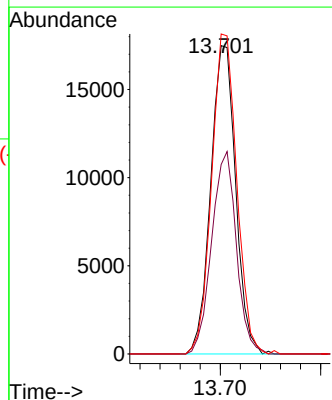
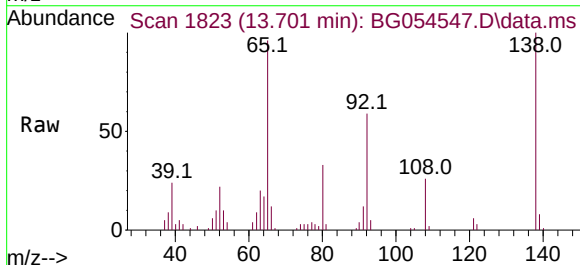
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

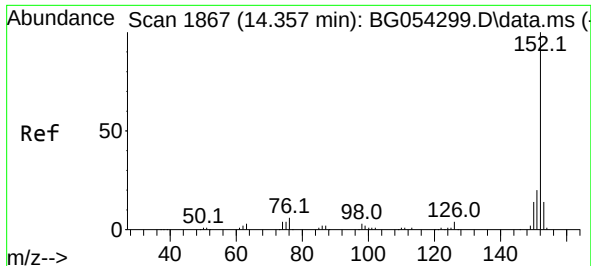
Tgt Ion:162 Resp: 103140  
Ion Ratio Lower Upper  
162 100  
127 35.2 30.6 45.8  
164 32.7 26.5 39.7



#48  
2-Nitroaniline  
Concen: 44.681 ng  
RT: 13.701 min Scan# 1823  
Delta R.T. 0.000 min  
Lab File: BG054547.D  
Acq: 8 Aug 2022 10:23

Tgt Ion: 65 Resp: 30119  
Ion Ratio Lower Upper  
65 100  
92 61.4 51.5 77.3  
138 103.8 71.3 106.9

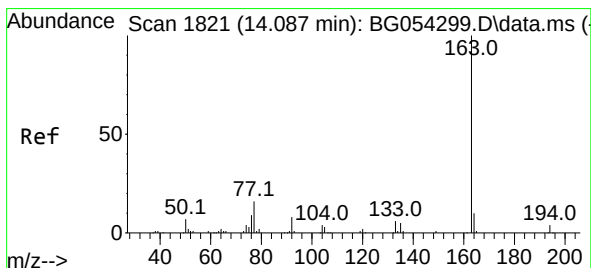
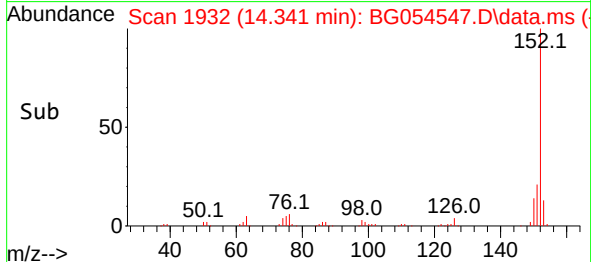
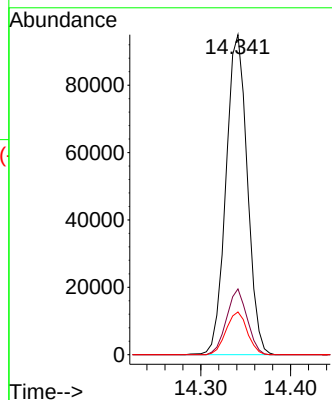
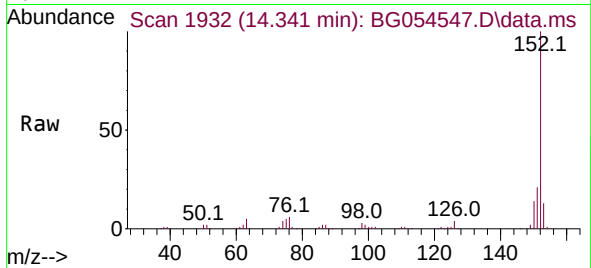




#49  
Acenaphthylene  
Concen: 40.755 ng  
RT: 14.341 min Scan# 1885  
Delta R.T. 0.000 min  
Lab File: BG054547.D  
Acq: 8 Aug 2022 10:23

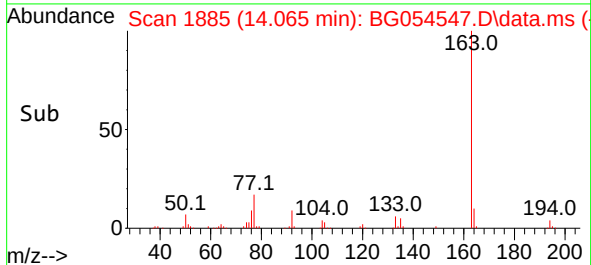
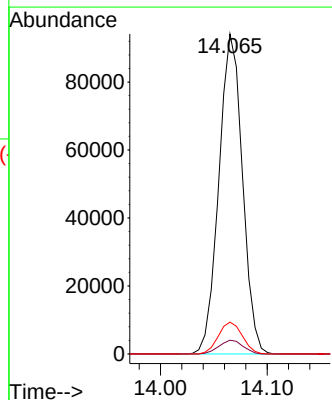
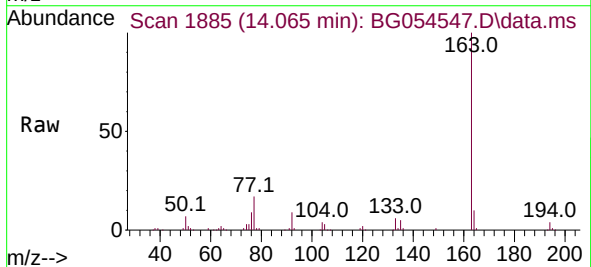
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

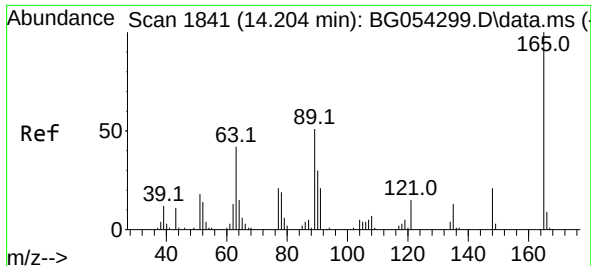
Tgt Ion:152 Resp: 156418  
Ion Ratio Lower Upper  
152 100  
151 20.6 16.4 24.6  
153 13.3 10.8 16.2



#50  
Dimethylphthalate  
Concen: 40.966 ng  
RT: 14.065 min Scan# 1885  
Delta R.T. 0.000 min  
Lab File: BG054547.D  
Acq: 8 Aug 2022 10:23

Tgt Ion:163 Resp: 144358  
Ion Ratio Lower Upper  
163 100  
194 4.3 3.0 4.6  
164 10.0 8.0 12.0

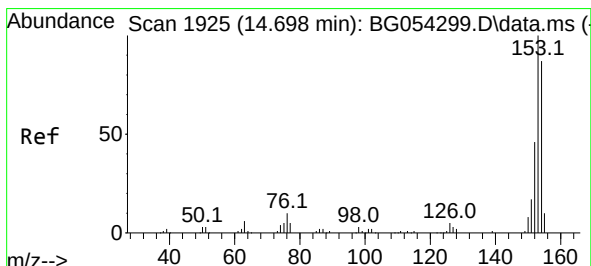
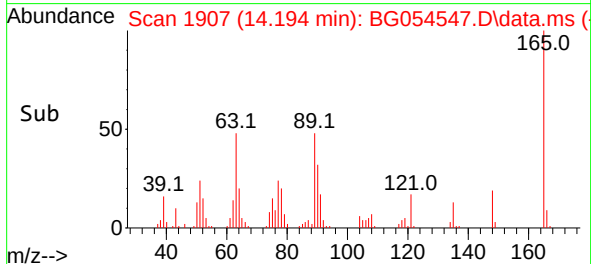
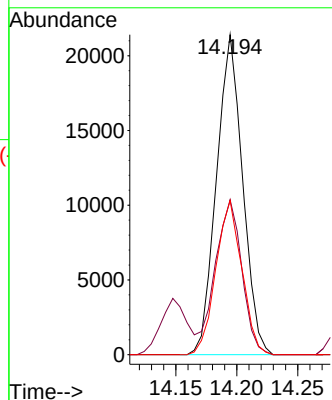
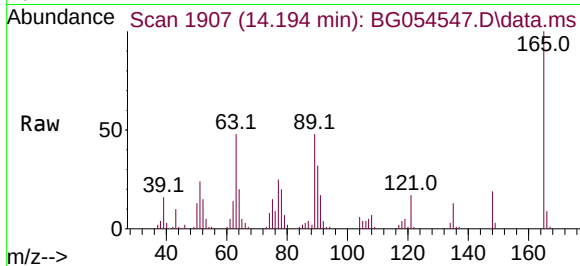




#51  
2,6-Dinitrotoluene  
Concen: 41.281 ng  
RT: 14.194 min Scan# 1907  
Delta R.T. 0.000 min  
Lab File: BG054547.D  
Acq: 8 Aug 2022 10:23

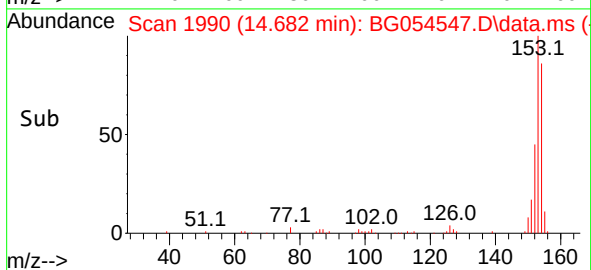
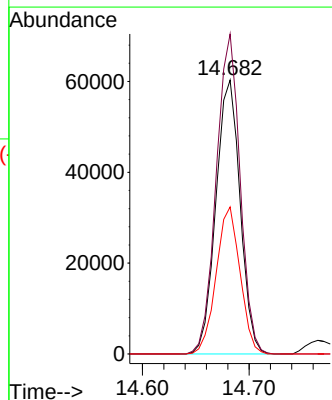
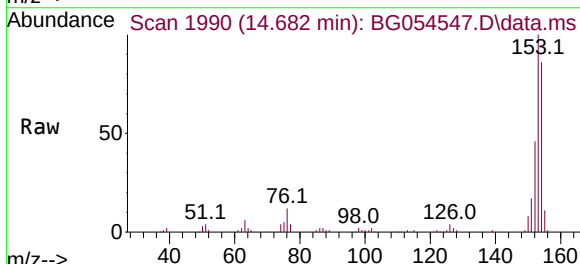
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

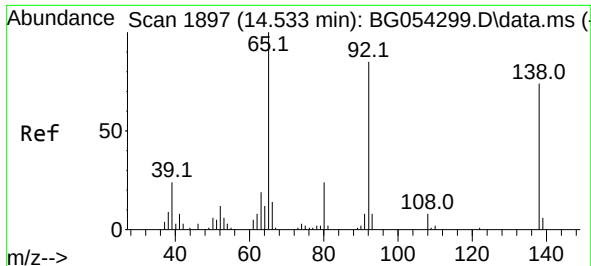
Tgt Ion:165 Resp: 31907  
Ion Ratio Lower Upper  
165 100  
63 48.4 54.1 81.1#  
89 48.2 54.8 82.2#



#52  
Acenaphthene  
Concen: 40.875 ng  
RT: 14.682 min Scan# 1990  
Delta R.T. 0.000 min  
Lab File: BG054547.D  
Acq: 8 Aug 2022 10:23

Tgt Ion:154 Resp: 94996  
Ion Ratio Lower Upper  
154 100  
153 116.9 92.7 139.1  
152 53.7 42.6 64.0

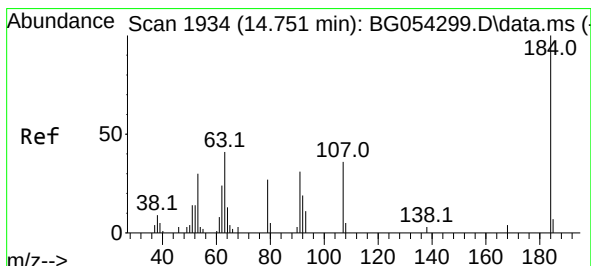
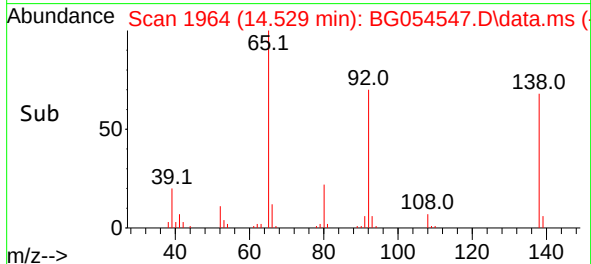
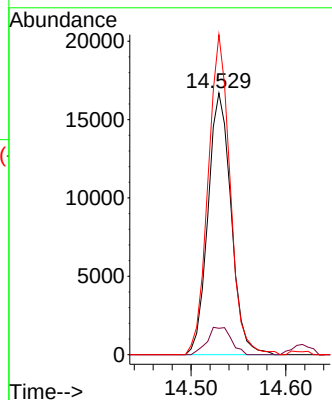
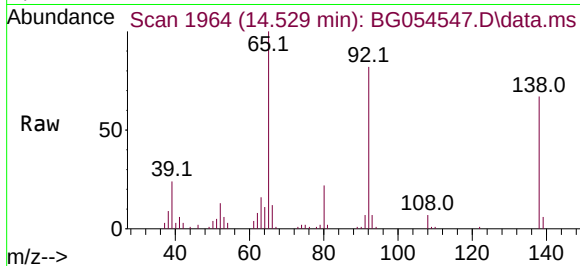




#53  
3-Nitroaniline  
Concen: 43.819 ng  
RT: 14.529 min Scan# 1964  
Delta R.T. 0.000 min  
Lab File: BG054547.D  
Acq: 8 Aug 2022 10:23

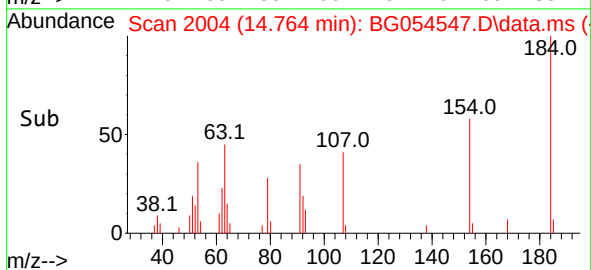
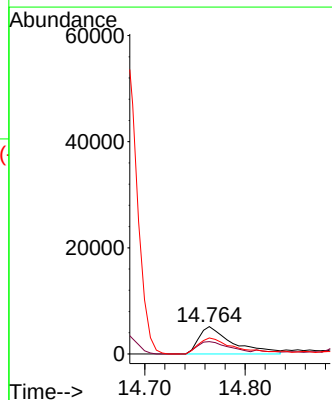
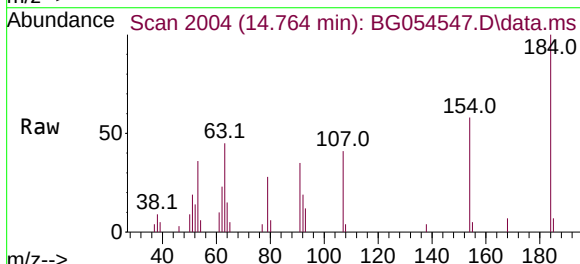
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

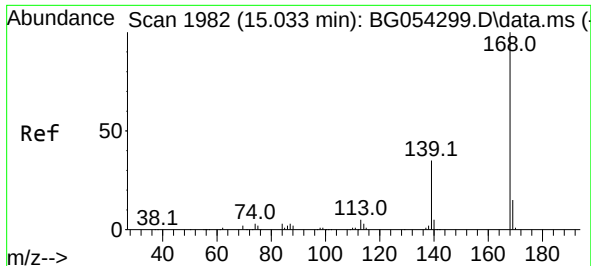
Tgt Ion:138 Resp: 28326  
Ion Ratio Lower Upper  
138 100  
108 10.1 9.2 13.8  
92 122.3 101.9 152.9



#54  
2,4-Dinitrophenol  
Concen: 31.218 ng  
RT: 14.764 min Scan# 2004  
Delta R.T. 0.000 min  
Lab File: BG054547.D  
Acq: 8 Aug 2022 10:23

Tgt Ion:184 Resp: 12038  
Ion Ratio Lower Upper  
184 100  
63 44.9 61.1 91.7#  
154 58.4 60.6 91.0#

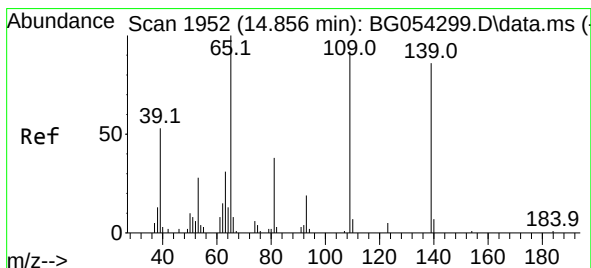
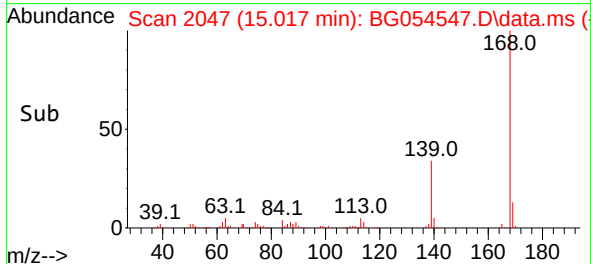
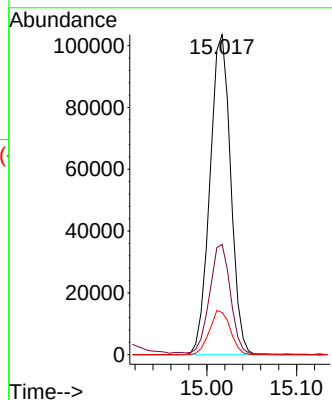
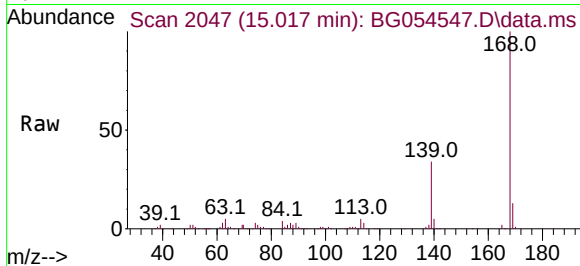




#55  
Dibenzofuran  
Concen: 40.152 ng  
RT: 15.017 min Scan# 20  
Delta R.T. 0.000 min  
Lab File: BG054547.D  
Acq: 8 Aug 2022 10:23

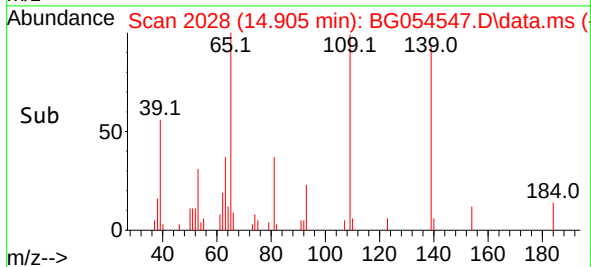
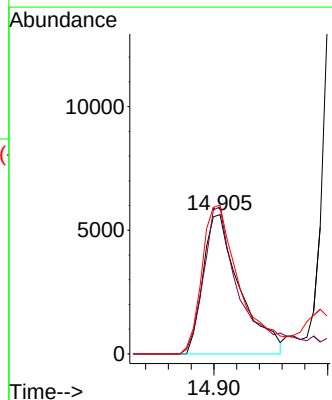
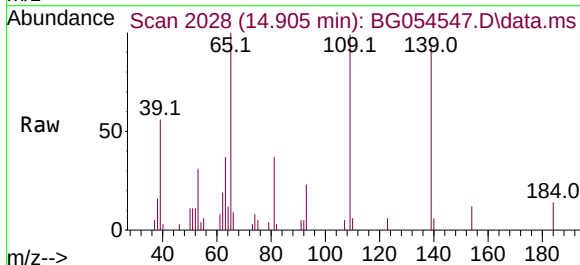
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BNA\_G  
ClientSampleId :  
SSTDCCC040

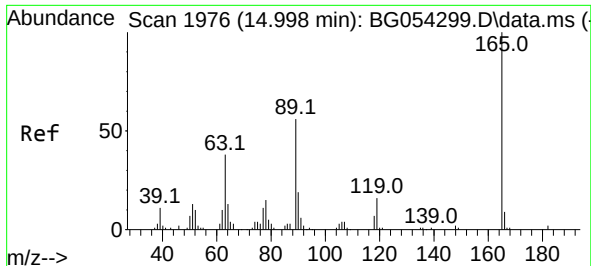
Tgt Ion:168 Resp: 166040  
Ion Ratio Lower Upper  
168 100  
139 34.5 30.5 45.7  
169 13.2 10.3 15.5



#56  
4-Nitrophenol  
Concen: 29.276 ng  
RT: 14.905 min Scan# 2028  
Delta R.T. 0.000 min  
Lab File: BG054547.D  
Acq: 8 Aug 2022 10:23

Tgt Ion:139 Resp: 12626  
Ion Ratio Lower Upper  
139 100  
109 105.5 88.5 128.5  
65 106.9 93.9 133.9

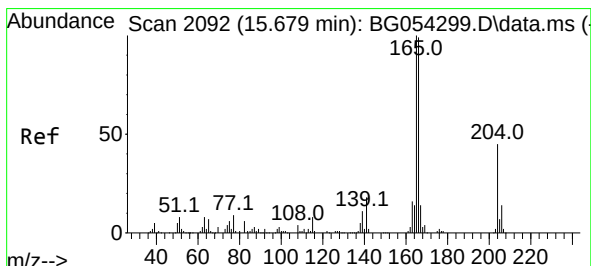
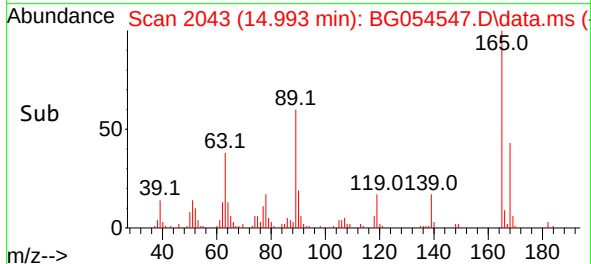
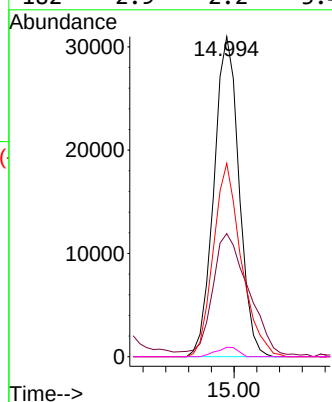
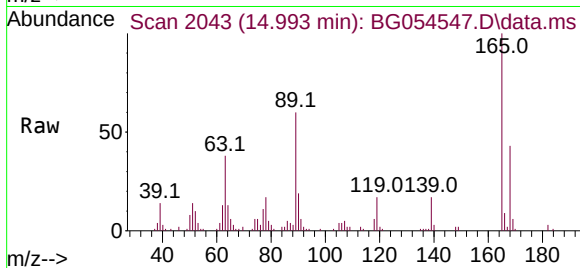




#57  
2,4-Dinitrotoluene  
Concen: 42.879 ng  
RT: 14.993 min Scan# 20  
Delta R.T. 0.000 min  
Lab File: BG054547.D  
Acq: 8 Aug 2022 10:23

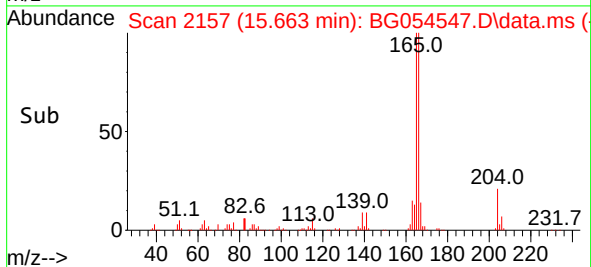
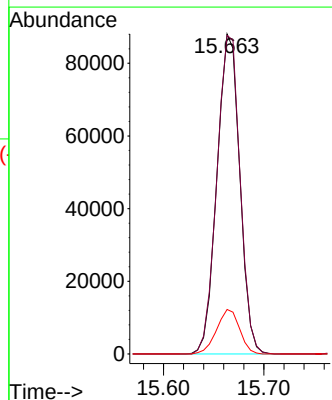
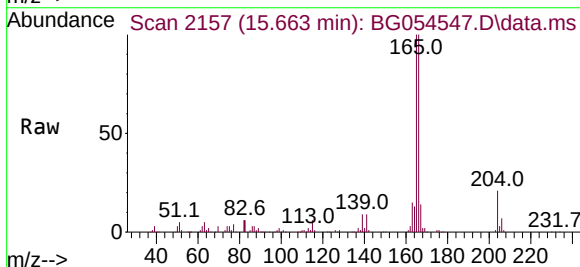
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 165   | Resp: | 47511 |
| Ion      | Ratio | Lower | Upper |
| 165      | 100   |       |       |
| 63       | 38.4  | 34.6  | 52.0  |
| 89       | 60.4  | 60.3  | 90.5  |
| 182      | 2.9   | 2.2   | 3.4   |

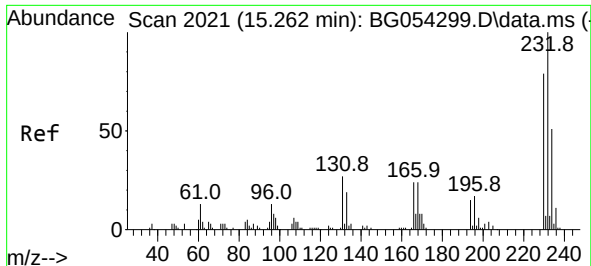


#58  
Fluorene  
Concen: 40.757 ng  
RT: 15.663 min Scan# 2157  
Delta R.T. 0.000 min  
Lab File: BG054547.D  
Acq: 8 Aug 2022 10:23

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 166   | Resp: | 138572 |
| Ion      | Ratio | Lower | Upper  |
| 166      | 100   |       |        |
| 165      | 99.6  | 75.0  | 112.6  |
| 167      | 13.9  | 10.8  | 16.2   |



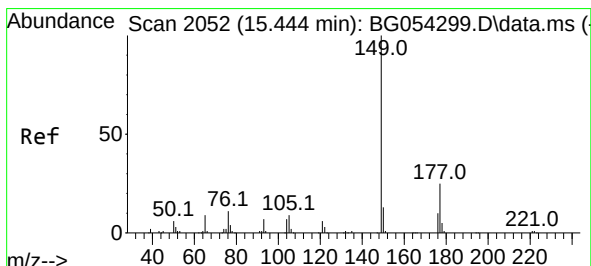
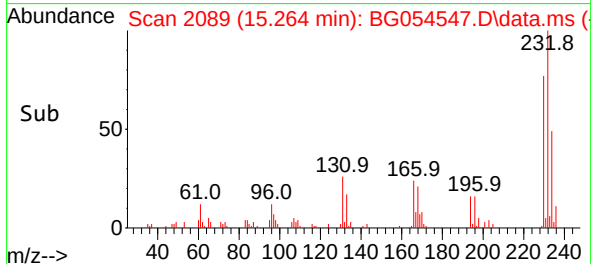
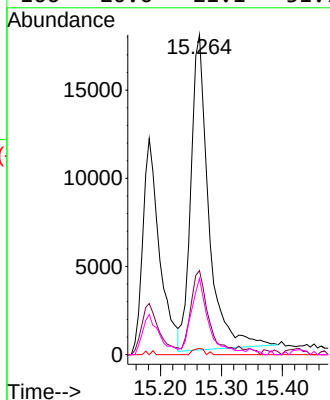
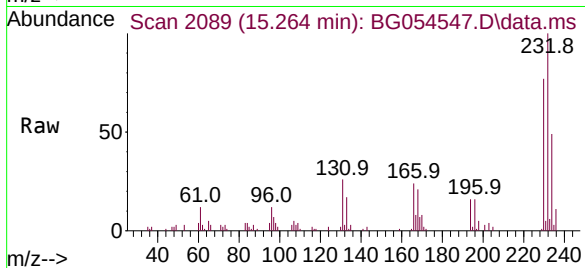




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 30.658 ng  
RT: 15.264 min Scan# 2021  
Delta R.T. 0.000 min  
Lab File: BG054547.D  
Acq: 8 Aug 2022 10:23

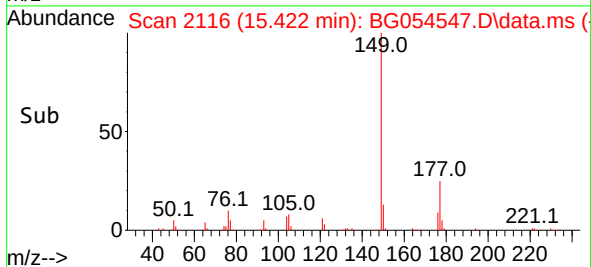
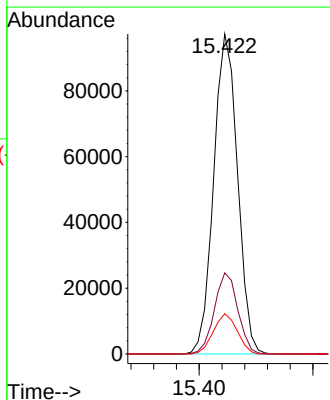
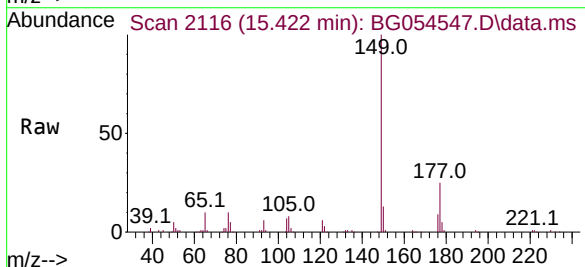
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

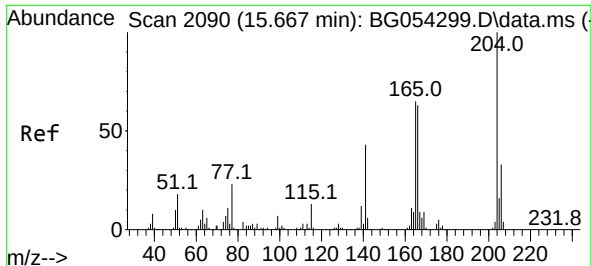
Tgt Ion:232 Resp: 36295  
Ion Ratio Lower Upper  
232 100  
131 23.3 30.6 46.0#  
130 1.3 1.8 2.8#  
166 20.6 21.1 31.7#



#60  
Diethylphthalate  
Concen: 41.845 ng  
RT: 15.422 min Scan# 2116  
Delta R.T. 0.000 min  
Lab File: BG054547.D  
Acq: 8 Aug 2022 10:23

Tgt Ion:149 Resp: 141455  
Ion Ratio Lower Upper  
149 100  
177 25.4 18.4 27.6  
150 12.6 11.2 16.8

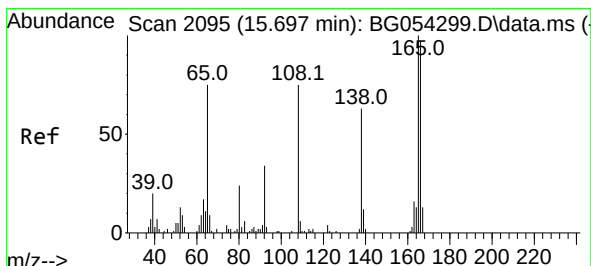
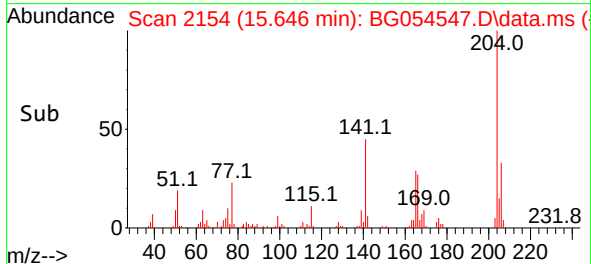
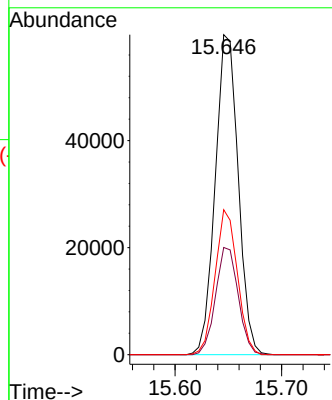
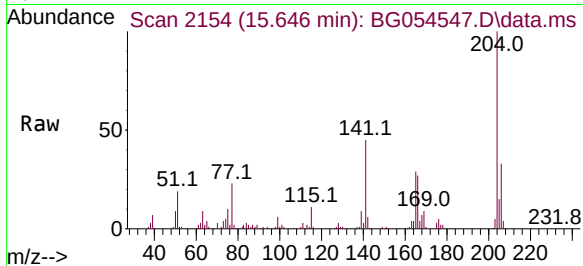




#61  
4-Chlorophenyl-phenylether  
Concen: 40.070 ng  
RT: 15.646 min Scan# 2115  
Delta R.T. 0.000 min  
Lab File: BG054547.D  
Acq: 8 Aug 2022 10:23

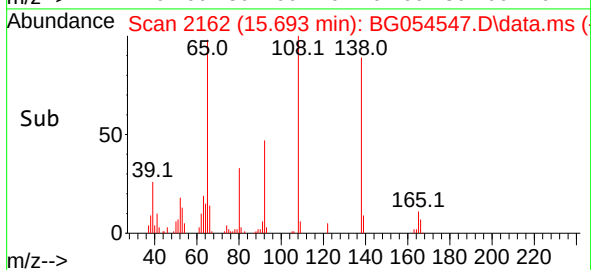
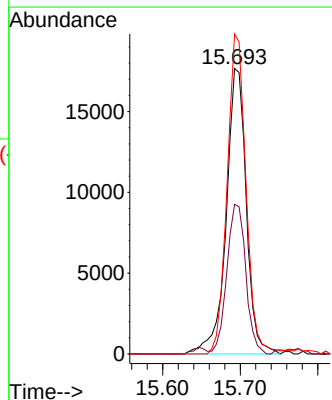
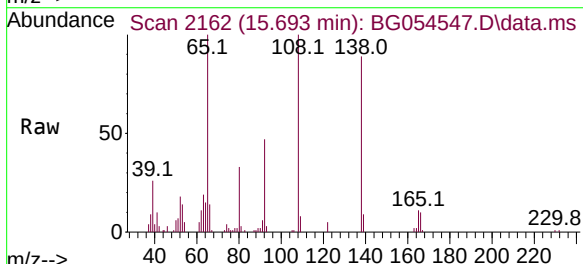
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

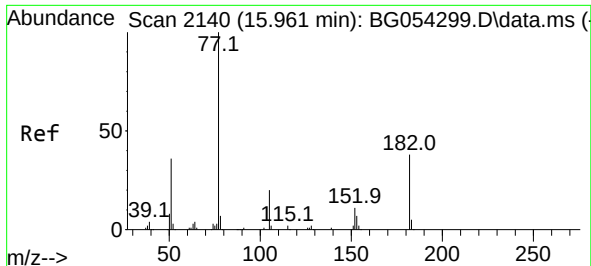
Tgt Ion:204 Resp: 89427  
Ion Ratio Lower Upper  
204 100  
206 33.5 27.5 41.3  
141 45.3 45.3 67.9



#62  
4-Nitroaniline  
Concen: 46.945 ng  
RT: 15.693 min Scan# 2162  
Delta R.T. 0.000 min  
Lab File: BG054547.D  
Acq: 8 Aug 2022 10:23

Tgt Ion:138 Resp: 31882  
Ion Ratio Lower Upper  
138 100  
92 52.4 40.5 80.5  
108 112.1 103.7 143.7

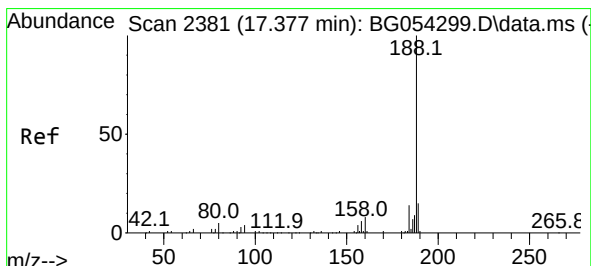
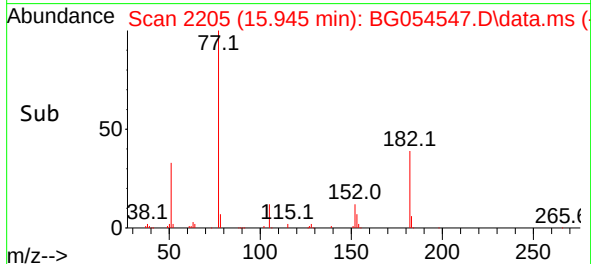
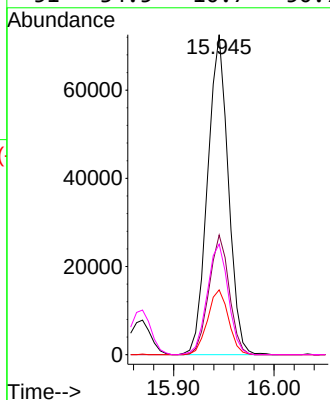
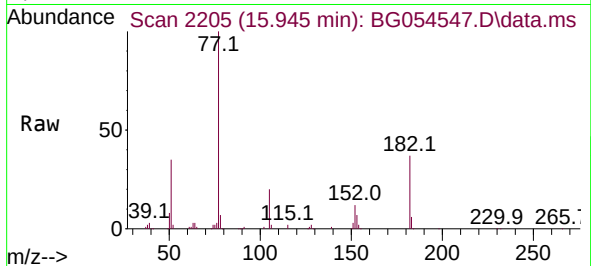




#63  
Azobenzene  
Concen: 42.574 ng  
RT: 15.945 min Scan# 2140  
Delta R.T. 0.000 min  
Lab File: BG054547.D  
Acq: 8 Aug 2022 10:23

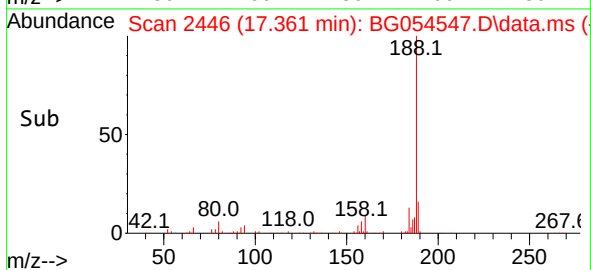
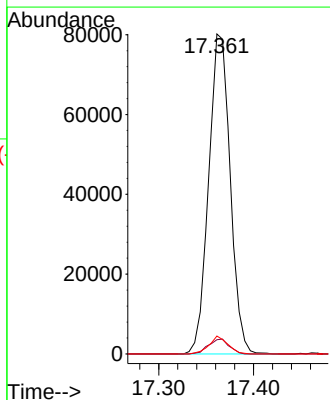
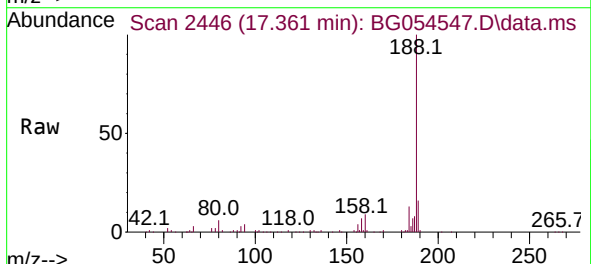
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

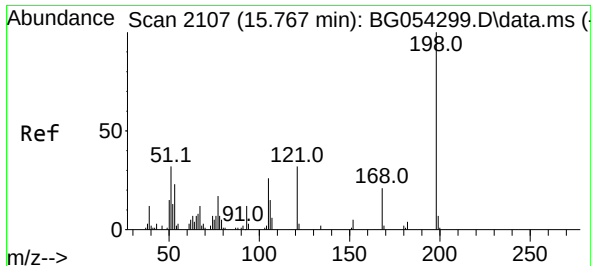
Tgt Ion: 77 Resp: 103990  
Ion Ratio Lower Upper  
77 100  
182 37.4 3.8 43.8  
105 20.3 0.0 37.8  
51 34.5 10.7 50.7



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.361 min Scan# 2446  
Delta R.T. 0.000 min  
Lab File: BG054547.D  
Acq: 8 Aug 2022 10:23

Tgt Ion:188 Resp: 126818  
Ion Ratio Lower Upper  
188 100  
94 4.4 5.4 8.0#  
80 5.6 6.8 10.2#

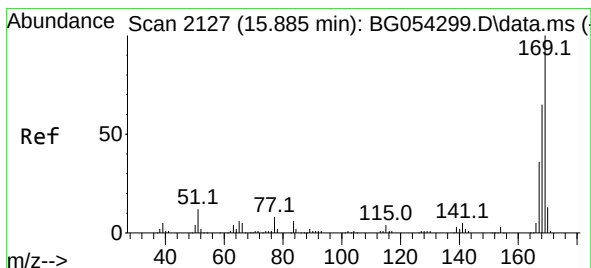
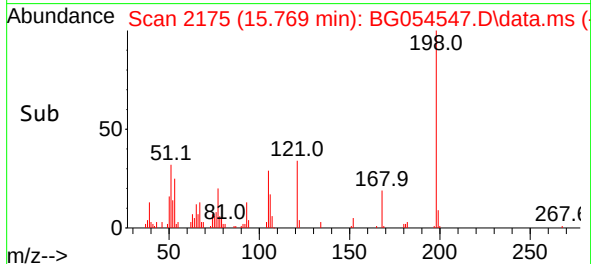
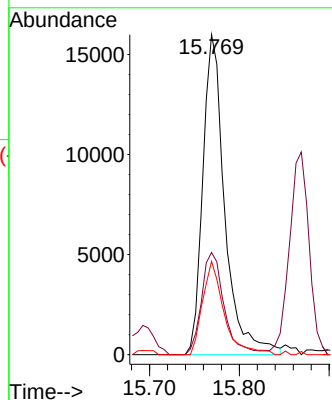
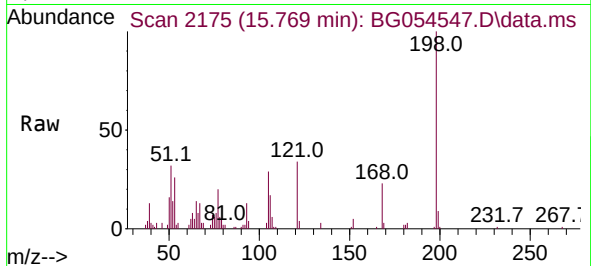




#65  
4,6-Dinitro-2-methylphenol  
Concen: 34.682 ng  
RT: 15.769 min Scan# 2107  
Delta R.T. 0.000 min  
Lab File: BG054547.D  
Acq: 8 Aug 2022 10:23

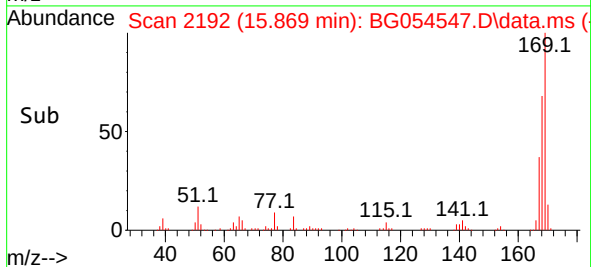
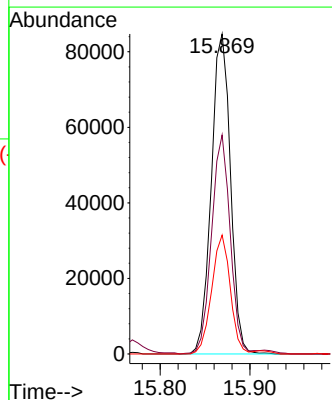
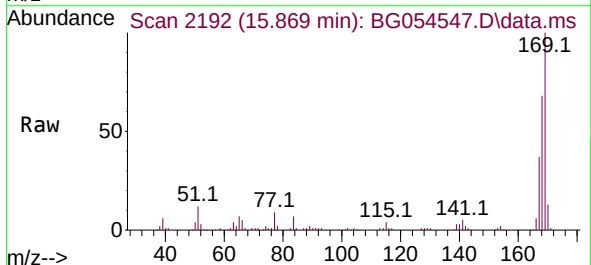
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

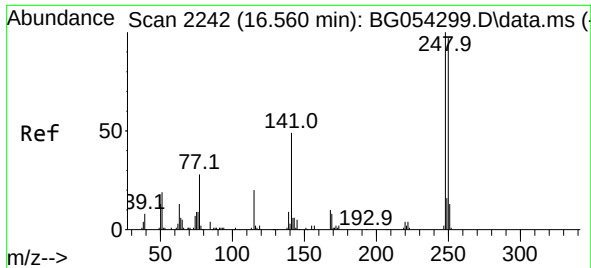
Tgt Ion:198 Resp: 27173  
Ion Ratio Lower Upper  
198 100  
51 32.0 28.1 68.1  
105 29.1 20.3 60.3



#66  
n-Nitrosodiphenylamine  
Concen: 39.594 ng  
RT: 15.869 min Scan# 2192  
Delta R.T. 0.000 min  
Lab File: BG054547.D  
Acq: 8 Aug 2022 10:23

Tgt Ion:169 Resp: 125363  
Ion Ratio Lower Upper  
169 100  
168 68.5 55.9 83.9  
167 37.2 30.6 46.0

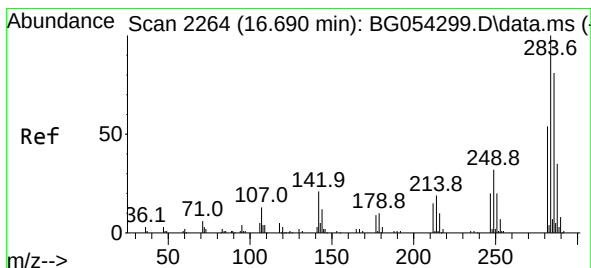
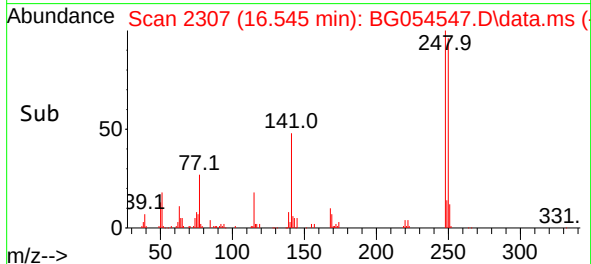
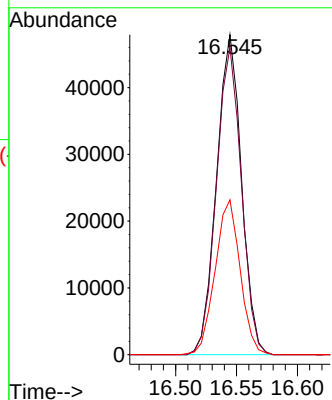
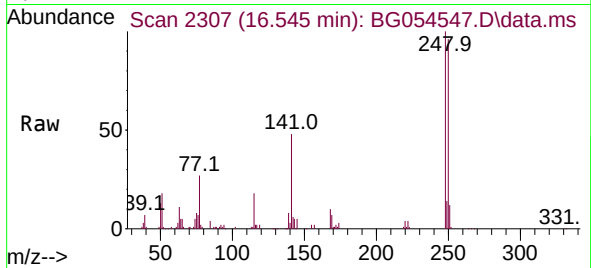




#67  
4-Bromophenyl-phenylether  
Concen: 38.314 ng  
RT: 16.545 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: BG054547.D  
Acq: 8 Aug 2022 10:23

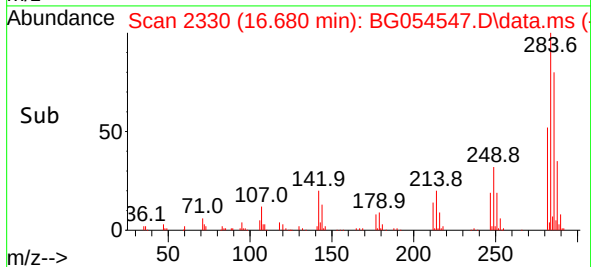
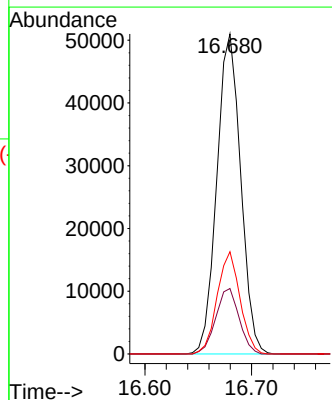
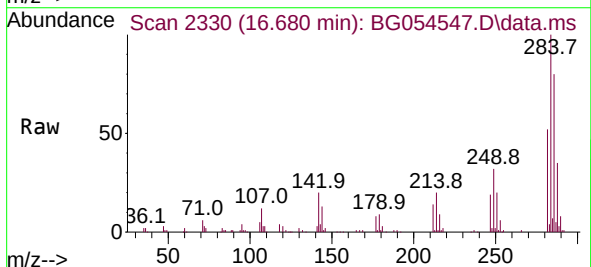
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

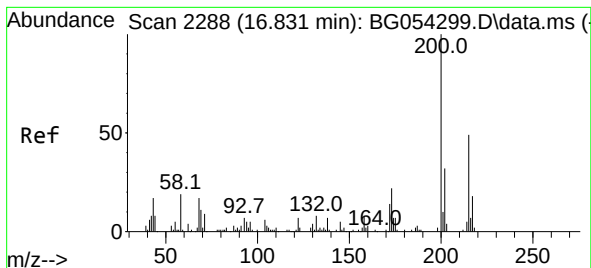
Tgt Ion:248 Resp: 68241  
Ion Ratio Lower Upper  
248 100  
250 96.1 75.2 112.8  
141 48.4 50.0 75.0#



#68  
Hexachlorobenzene  
Concen: 38.850 ng  
RT: 16.680 min Scan# 2330  
Delta R.T. 0.000 min  
Lab File: BG054547.D  
Acq: 8 Aug 2022 10:23

Tgt Ion:284 Resp: 79130  
Ion Ratio Lower Upper  
284 100  
142 20.5 23.6 35.4#  
249 34.2 25.8 38.6





#69

Atrazine

Concen: 42.039 ng

RT: 16.815 min Scan# 21

Delta R.T. 0.000 min

Lab File: BG054547.D

Acq: 8 Aug 2022 10:23

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

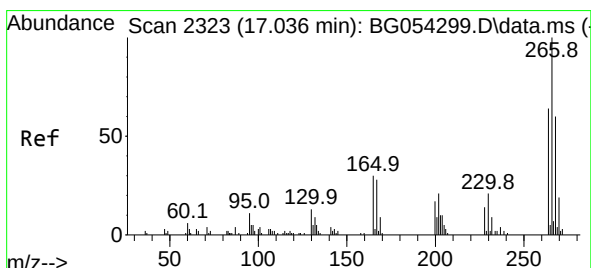
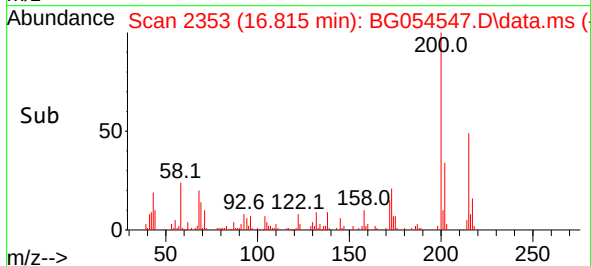
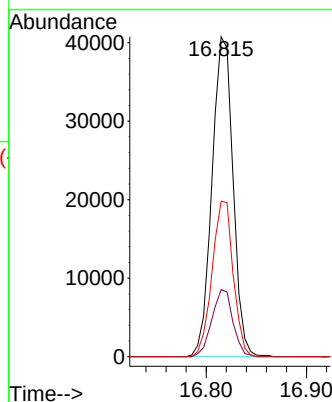
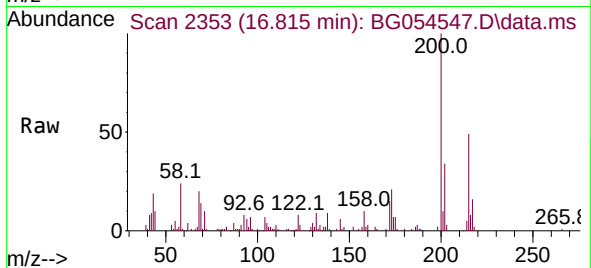
Tgt Ion:200 Resp: 59232

Ion Ratio Lower Upper

200 100

173 21.0 3.7 43.7

215 48.6 25.2 65.2



#70

Pentachlorophenol

Concen: 24.947 ng

RT: 17.038 min Scan# 2391

Delta R.T. 0.000 min

Lab File: BG054547.D

Acq: 8 Aug 2022 10:23

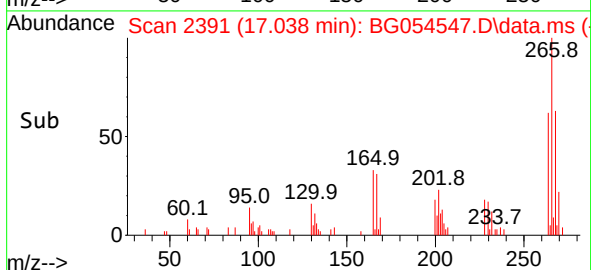
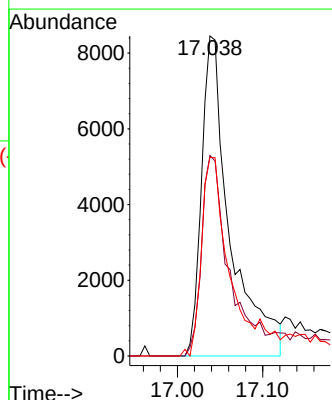
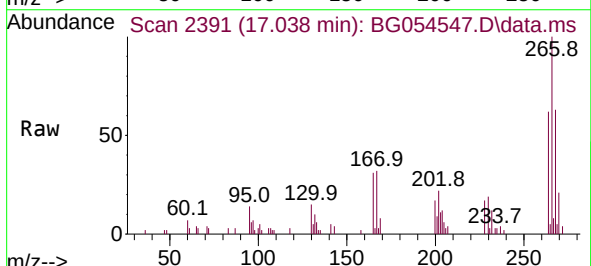
Tgt Ion:266 Resp: 19626

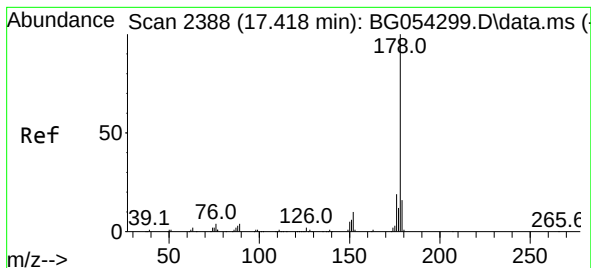
Ion Ratio Lower Upper

266 100

268 67.8 56.2 84.2

264 62.1 53.0 79.4





#71

Phenanthrene

Concen: 40.719 ng

RT: 17.408 min Scan# 24

Delta R.T. 0.000 min

Lab File: BG054547.D

Acq: 8 Aug 2022 10:23

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

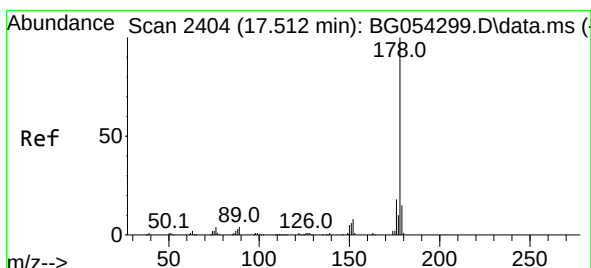
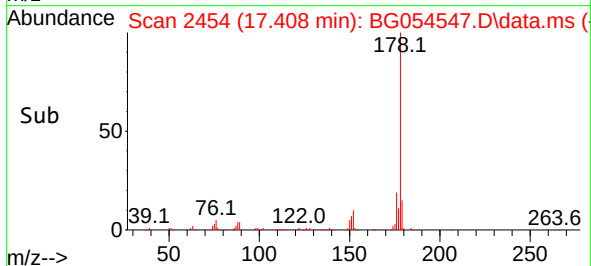
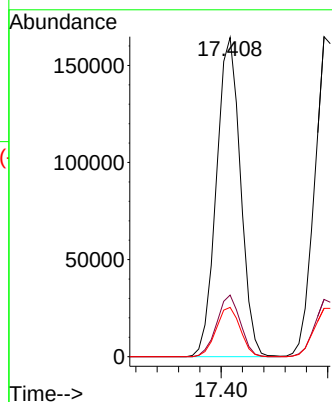
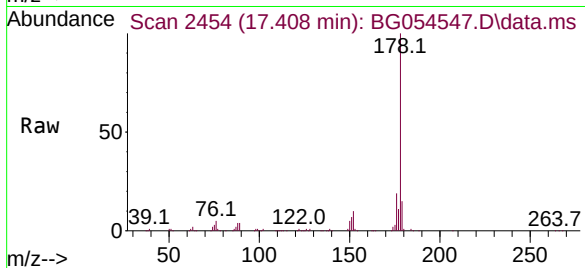
Tgt Ion:178 Resp: 257160

Ion Ratio Lower Upper

178 100

176 19.3 14.1 21.1

179 15.4 12.1 18.1



#72

Anthracene

Concen: 41.256 ng

RT: 17.496 min Scan# 2469

Delta R.T. 0.000 min

Lab File: BG054547.D

Acq: 8 Aug 2022 10:23

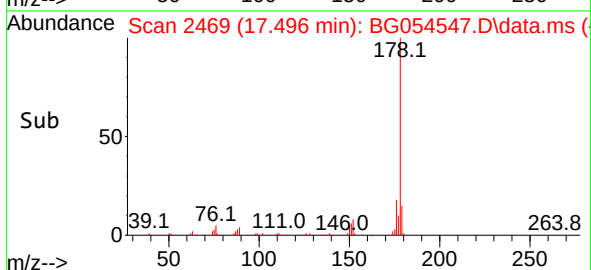
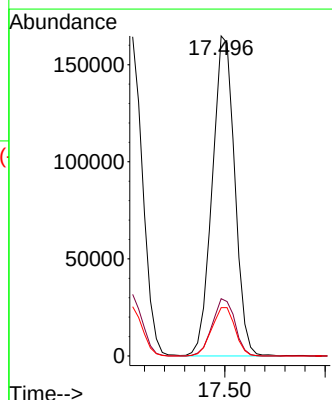
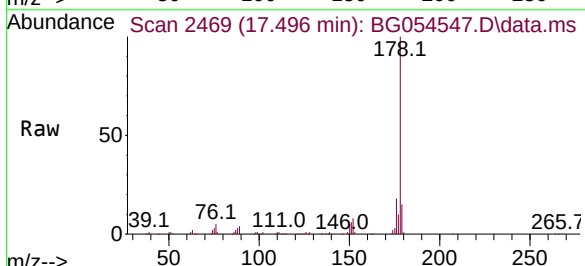
Tgt Ion:178 Resp: 255684

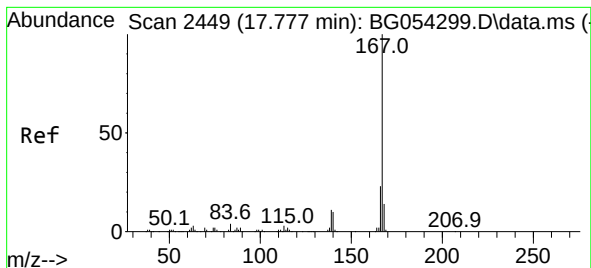
Ion Ratio Lower Upper

178 100

176 17.9 15.2 22.8

179 15.1 13.0 19.4





#73

Carbazole

Concen: 43.119 ng

RT: 17.773 min Scan# 2

Delta R.T. 0.000 min

Lab File: BG054547.D

Acq: 8 Aug 2022 10:23

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

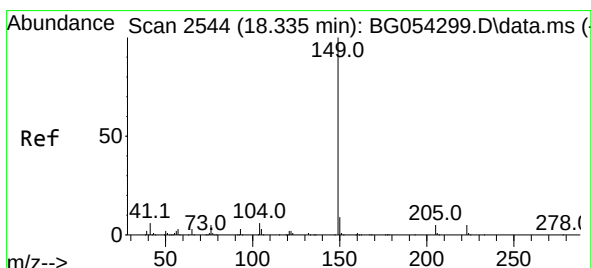
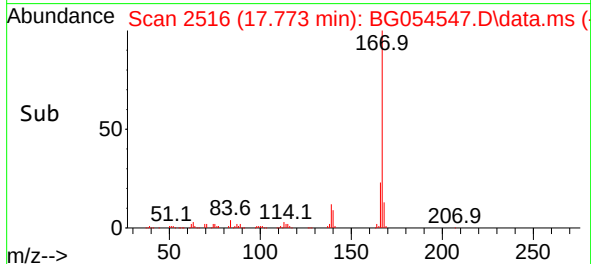
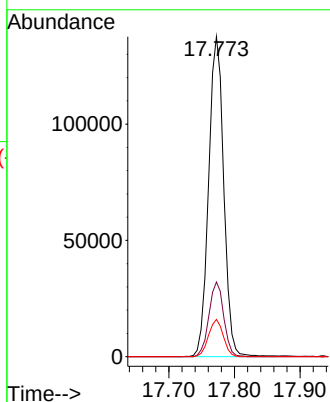
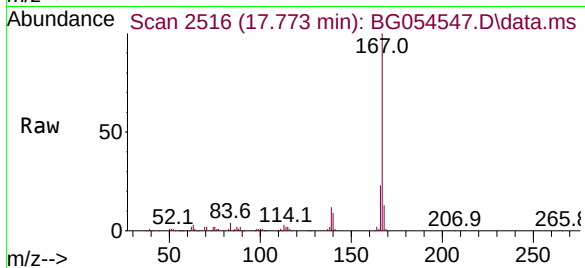
Tgt Ion:167 Resp: 220006

Ion Ratio Lower Upper

167 100

166 23.4 18.2 27.2

139 11.7 10.1 15.1



#74

Di-n-butylphthalate

Concen: 44.066 ng

RT: 18.313 min Scan# 2608

Delta R.T. 0.000 min

Lab File: BG054547.D

Acq: 8 Aug 2022 10:23

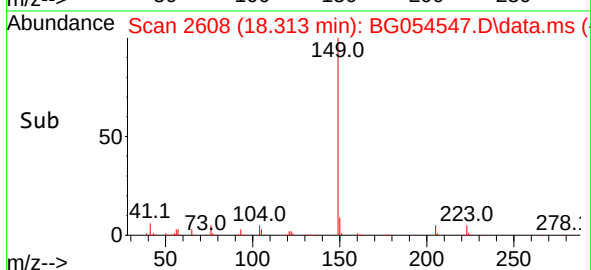
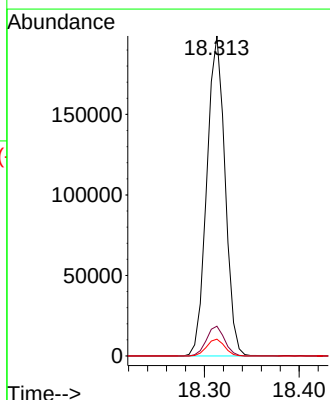
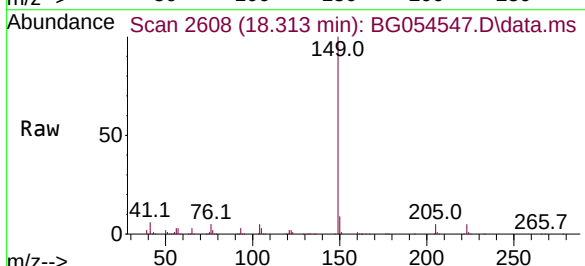
Tgt Ion:149 Resp: 265327

Ion Ratio Lower Upper

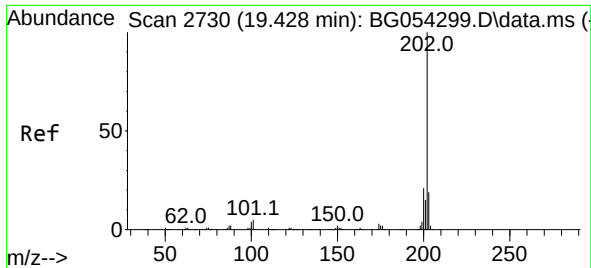
149 100

150 9.3 7.7 11.5

104 5.3 5.4 8.0#



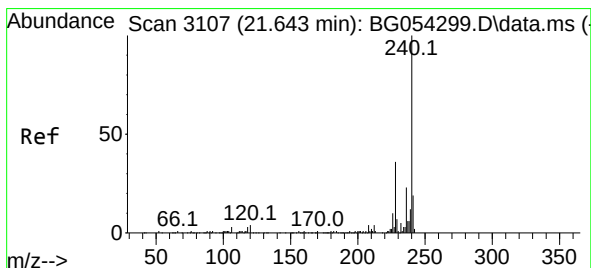
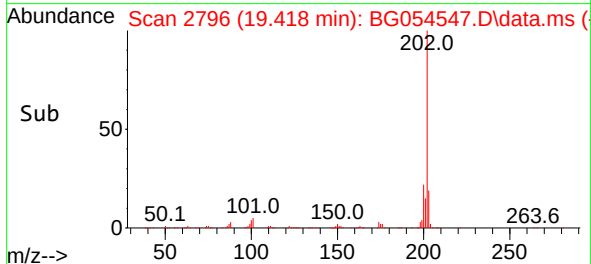
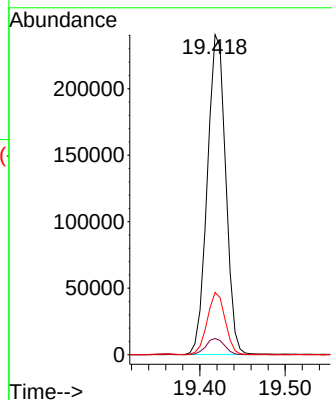
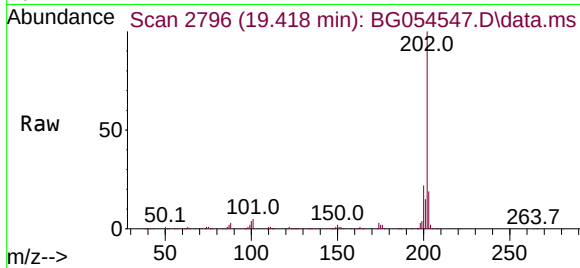




#75  
Fluoranthene  
Concen: 41.814 ng  
RT: 19.418 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: BG054547.D  
Acq: 8 Aug 2022 10:23

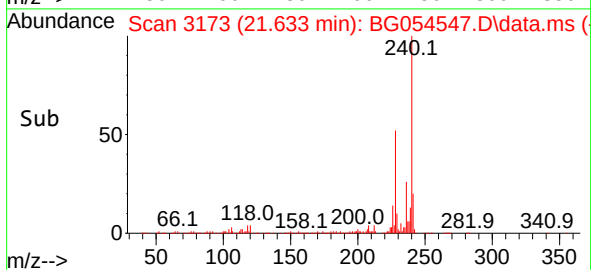
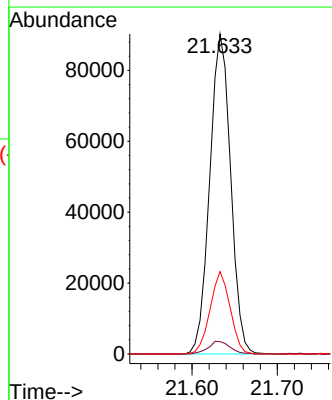
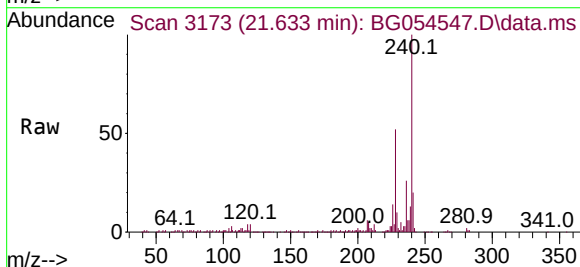
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

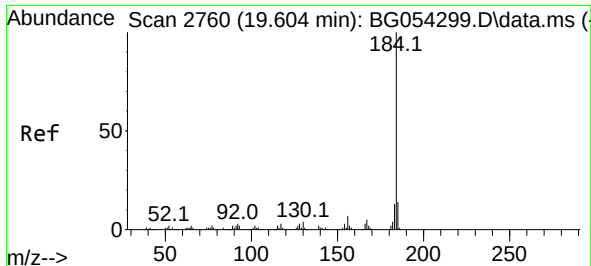
Tgt Ion:202 Resp: 359975  
Ion Ratio Lower Upper  
202 100  
101 5.1 0.0 26.9  
203 19.5 0.0 37.2



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.633 min Scan# 3173  
Delta R.T. 0.000 min  
Lab File: BG054547.D  
Acq: 8 Aug 2022 10:23

Tgt Ion:240 Resp: 153677  
Ion Ratio Lower Upper  
240 100  
120 3.9 4.6 7.0#  
236 25.8 20.2 30.4

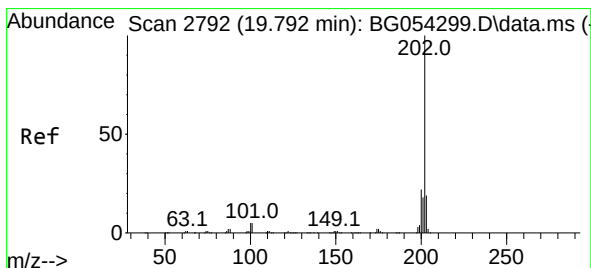
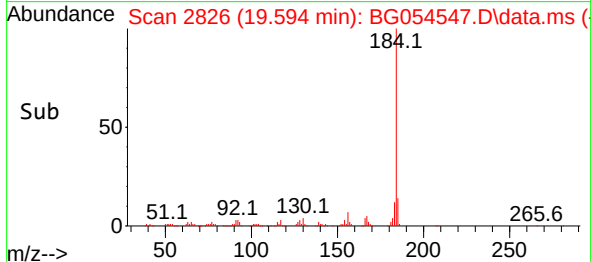
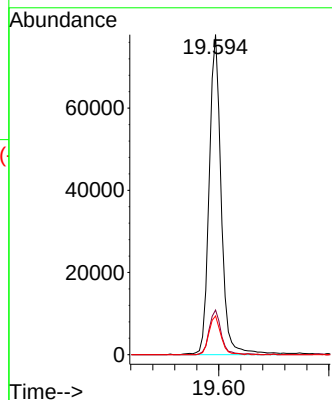
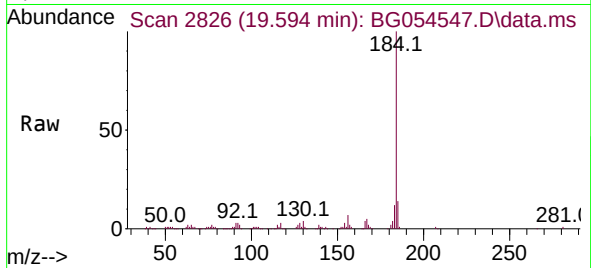




#77  
Benzidine  
Concen: 42.387 ng  
RT: 19.594 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: BG054547.D  
Acq: 8 Aug 2022 10:23

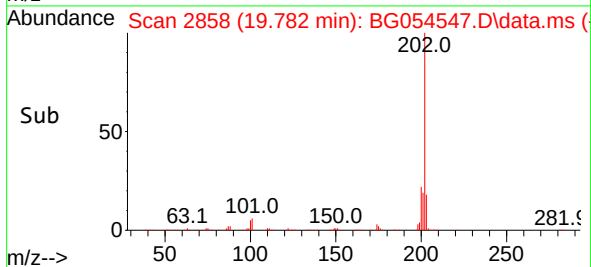
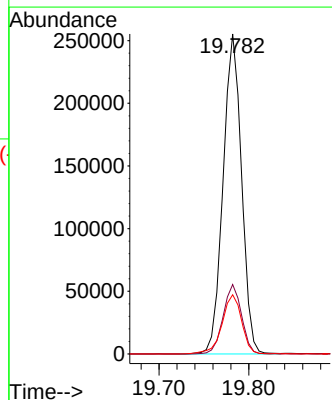
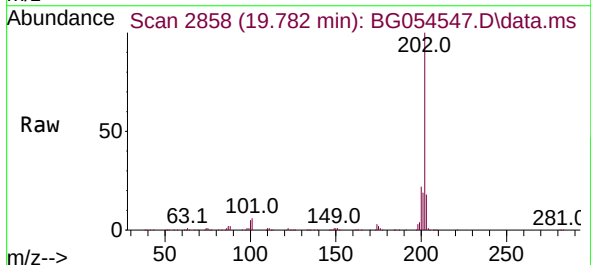
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

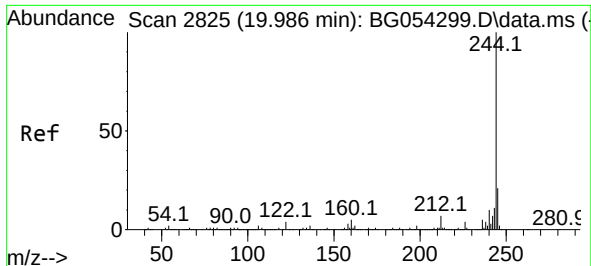
Tgt Ion:184 Resp: 117973  
Ion Ratio Lower Upper  
184 100  
185 14.0 11.8 17.6  
183 12.1 8.9 13.3



#78  
Pyrene  
Concen: 41.287 ng  
RT: 19.782 min Scan# 2858  
Delta R.T. 0.000 min  
Lab File: BG054547.D  
Acq: 8 Aug 2022 10:23

Tgt Ion:202 Resp: 364065  
Ion Ratio Lower Upper  
202 100  
200 21.7 16.6 24.8  
203 18.5 14.6 21.8

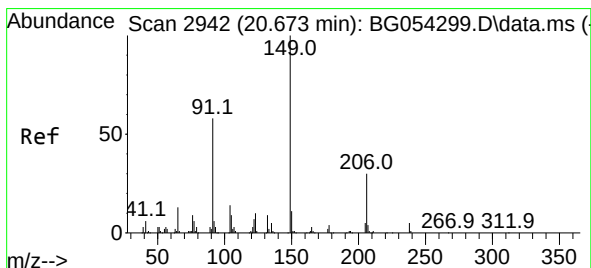
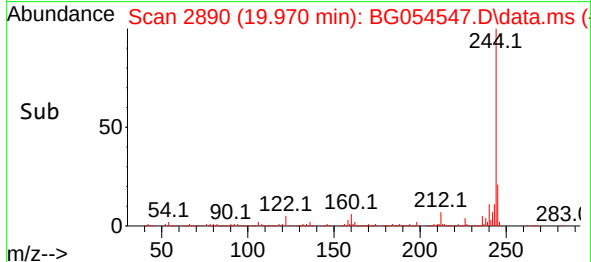
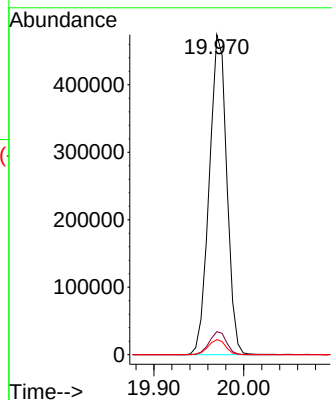
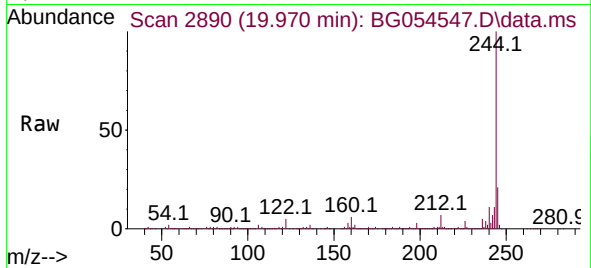




#79  
 Terphenyl-d14  
 Concen: 82.990 ng  
 RT: 19.970 min Scan# 21  
 Delta R.T. 0.000 min  
 Lab File: BG054547.D  
 Acq: 8 Aug 2022 10:23

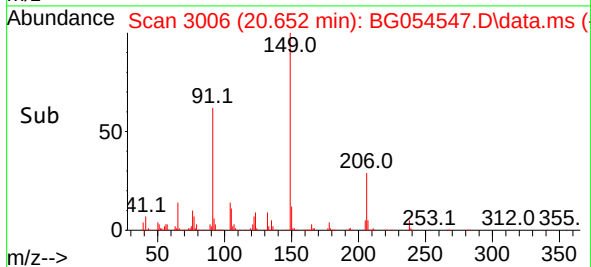
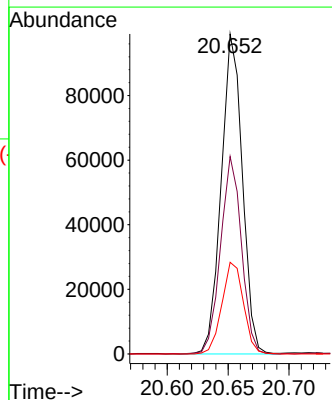
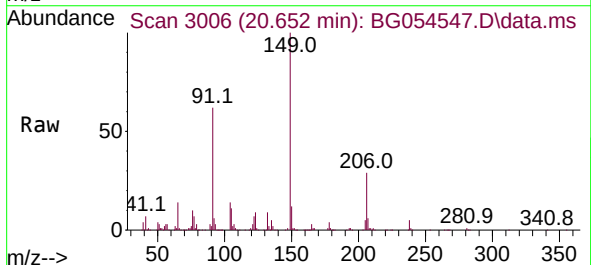
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

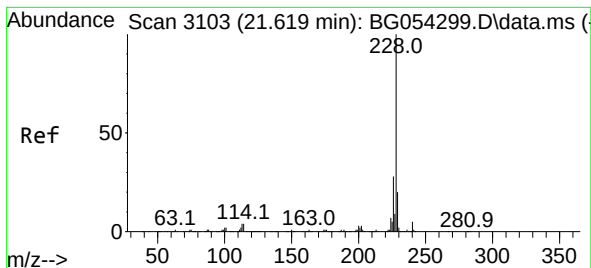
Tgt Ion:244 Resp: 642888  
 Ion Ratio Lower Upper  
 244 100  
 212 7.2 6.5 9.7  
 122 4.7 5.0 7.4#



#80  
 Butylbenzylphthalate  
 Concen: 43.613 ng  
 RT: 20.652 min Scan# 3006  
 Delta R.T. 0.000 min  
 Lab File: BG054547.D  
 Acq: 8 Aug 2022 10:23

Tgt Ion:149 Resp: 119845  
 Ion Ratio Lower Upper  
 149 100  
 91 61.7 59.6 89.4  
 206 28.7 18.6 28.0#





#81

Benzo(a)anthracene

Concen: 40.836 ng

RT: 21.615 min Scan# 3103

Delta R.T. 0.000 min

Lab File: BG054547.D

Acq: 8 Aug 2022 10:23

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

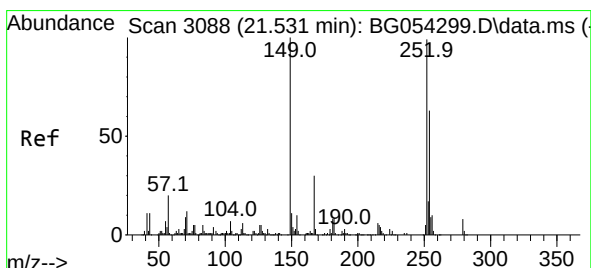
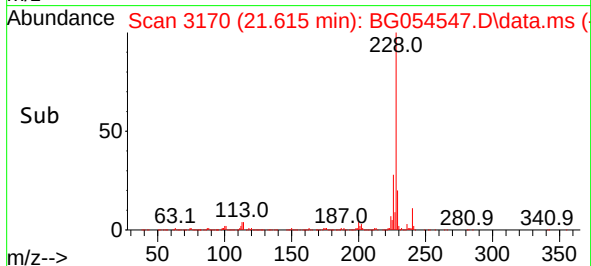
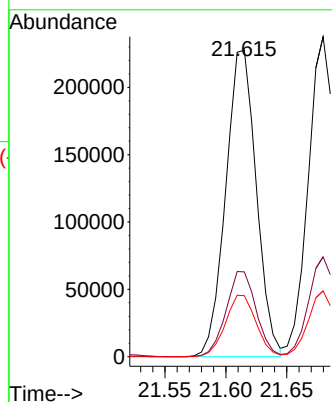
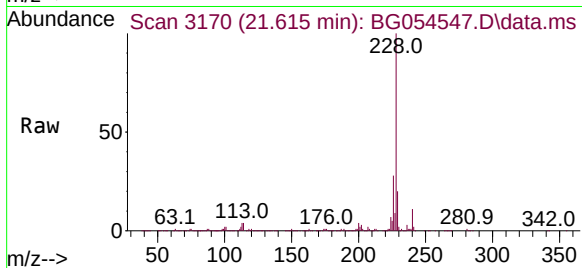
Tgt Ion:228 Resp: 398370

Ion Ratio Lower Upper

228 100

226 27.7 21.6 32.4

229 19.9 16.2 24.2



#82

3,3'-Dichlorobenzidine

Concen: 41.341 ng

RT: 21.521 min Scan# 3154

Delta R.T. 0.000 min

Lab File: BG054547.D

Acq: 8 Aug 2022 10:23

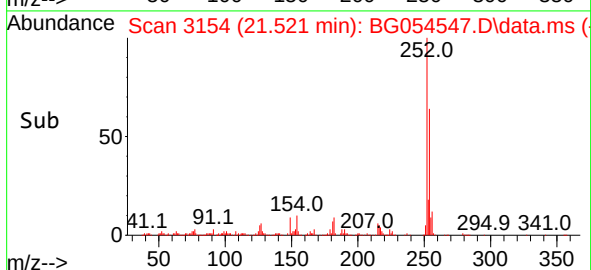
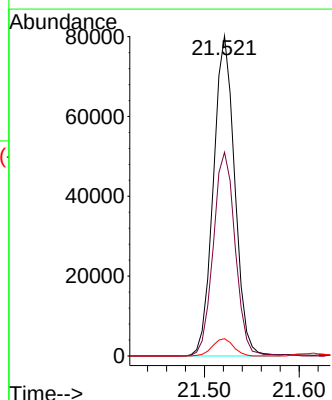
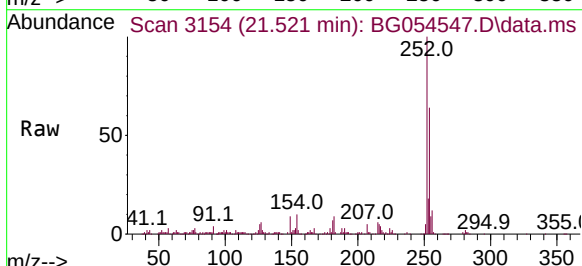
Tgt Ion:252 Resp: 125425

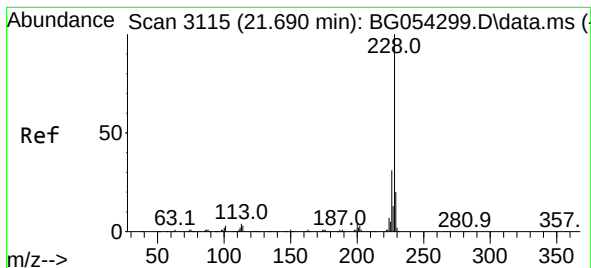
Ion Ratio Lower Upper

252 100

254 63.6 49.8 74.8

126 5.4 6.0 9.0#





#83

Chrysene

Concen: 40.907 ng

RT: 21.680 min Scan# 3115

Delta R.T. 0.000 min

Lab File: BG054547.D

Acq: 8 Aug 2022 10:23

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

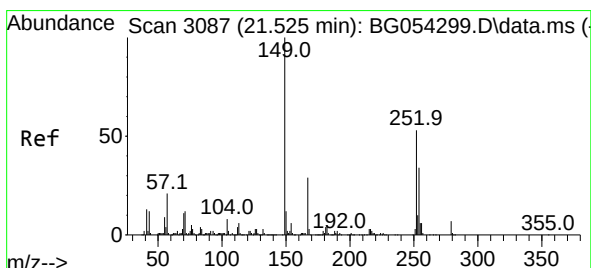
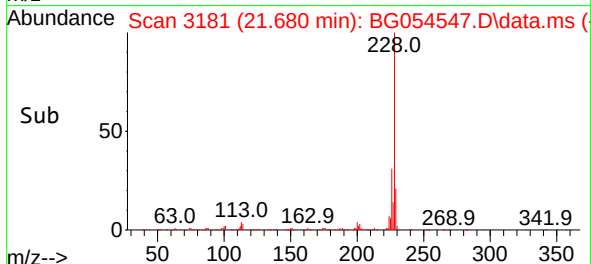
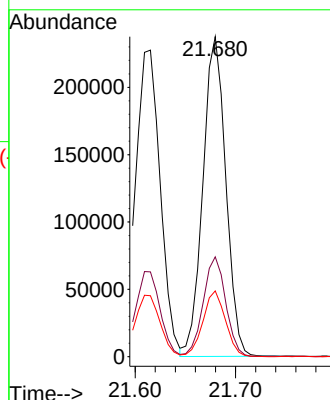
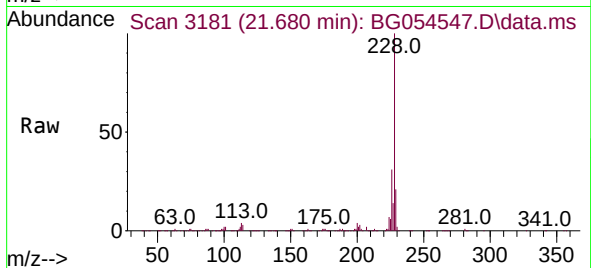
Tgt Ion:228 Resp: 377023

Ion Ratio Lower Upper

228 100

226 31.2 23.4 35.2

229 20.5 15.5 23.3



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.472 ng

RT: 21.498 min Scan# 3150

Delta R.T. 0.000 min

Lab File: BG054547.D

Acq: 8 Aug 2022 10:23

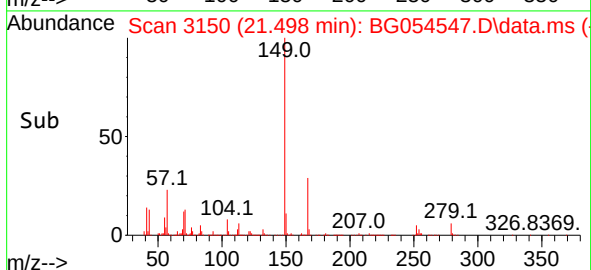
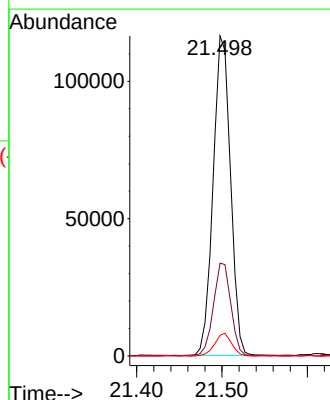
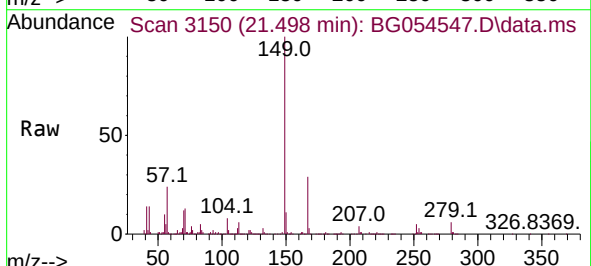
Tgt Ion:149 Resp: 165146

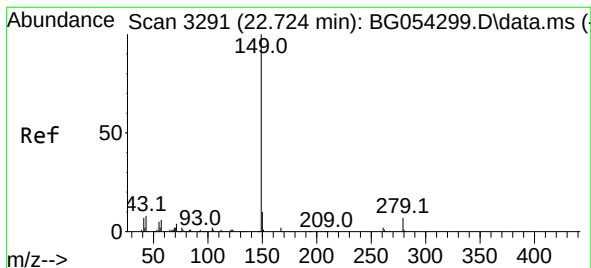
Ion Ratio Lower Upper

149 100

167 29.0 20.2 30.4

279 6.4 3.6 5.4#

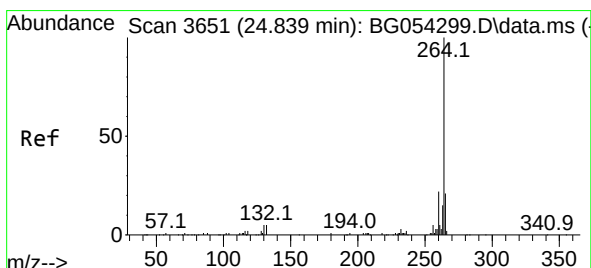
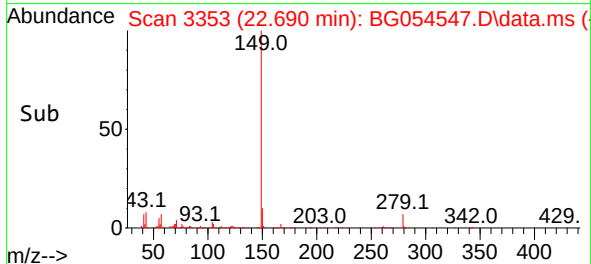
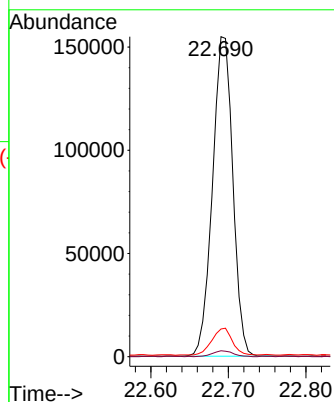
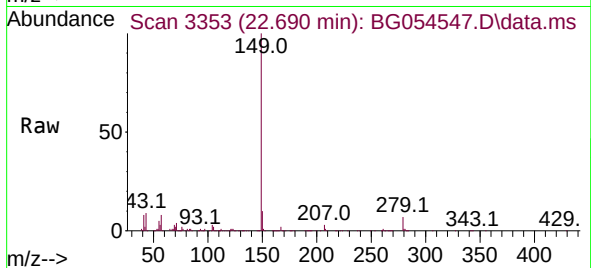




#85  
Di-n-octyl phthalate  
Concen: 42.495 ng  
RT: 22.690 min Scan# 31  
Delta R.T. 0.000 min  
Lab File: BG054547.D  
Acq: 8 Aug 2022 10:23

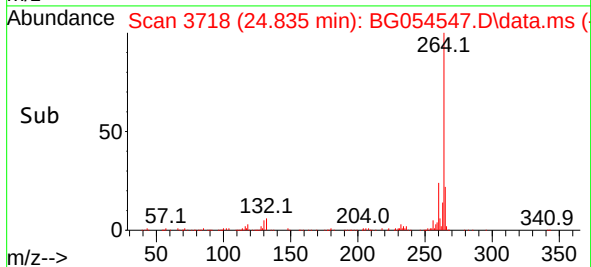
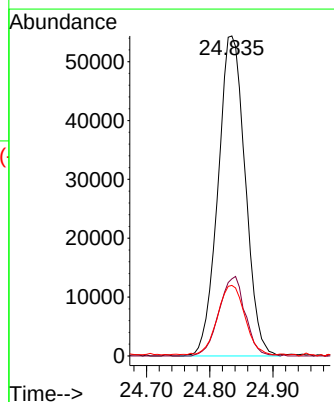
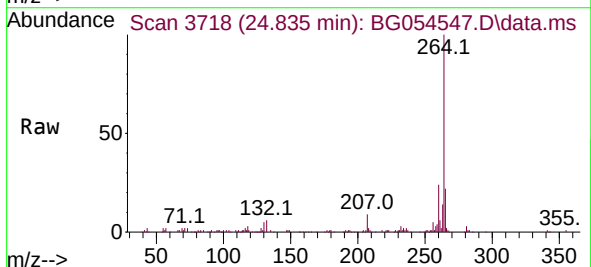
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

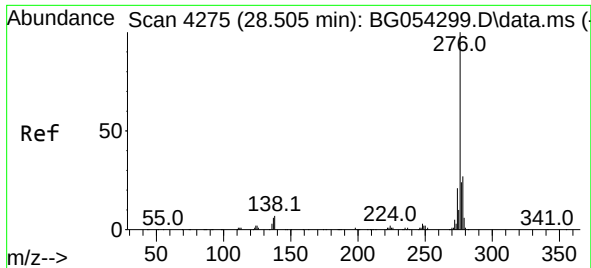
Tgt Ion:149 Resp: 281887  
Ion Ratio Lower Upper  
149 100  
167 1.9 1.3 1.9#  
43 8.6 9.0 13.4#



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 24.835 min Scan# 3718  
Delta R.T. 0.000 min  
Lab File: BG054547.D  
Acq: 8 Aug 2022 10:23

Tgt Ion:264 Resp: 162387  
Ion Ratio Lower Upper  
264 100  
260 24.1 19.0 28.6  
265 22.0 17.4 26.2

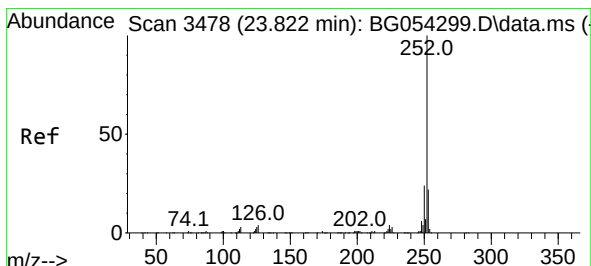
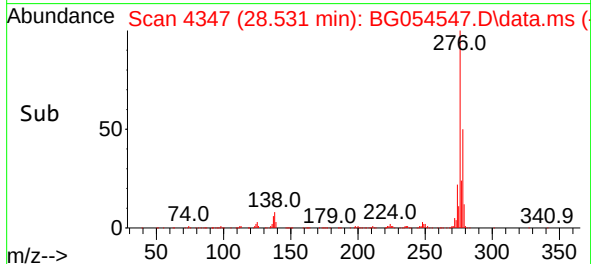
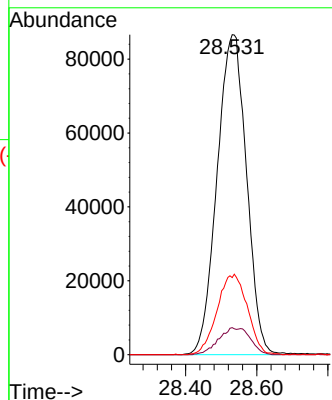
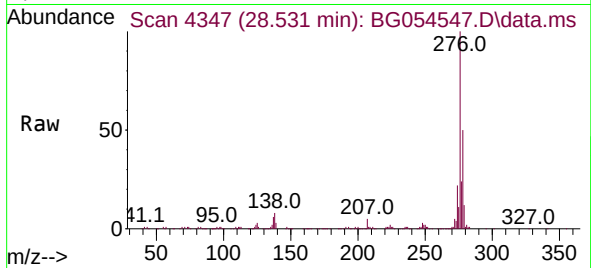




#87  
 Indeno(1,2,3-cd)pyrene  
 Concen: 40.208 ng  
 RT: 28.531 min Scan# 41  
 Delta R.T. 0.000 min  
 Lab File: BG054547.D  
 Acq: 8 Aug 2022 10:23

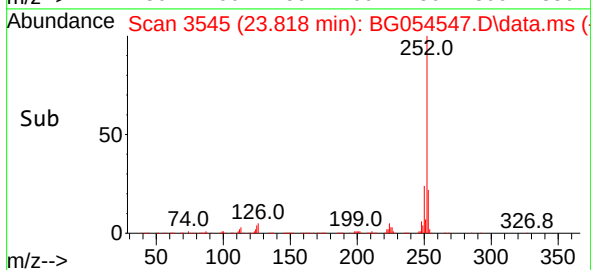
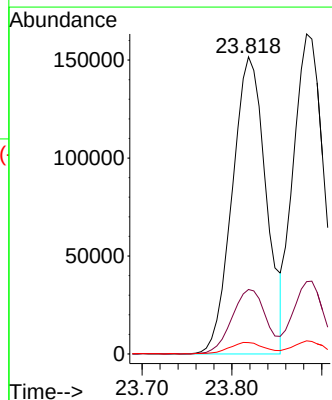
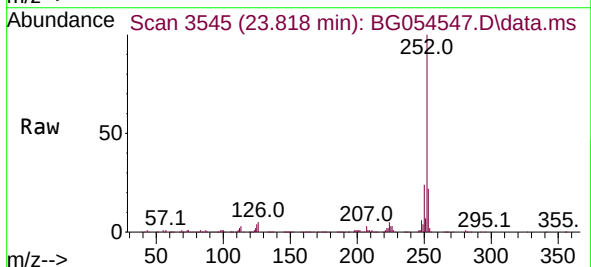
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

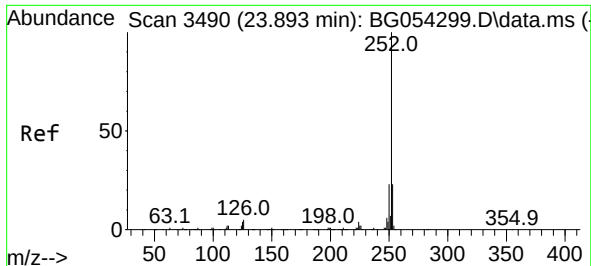
Tgt Ion:276 Resp: 496706  
 Ion Ratio Lower Upper  
 276 100  
 138 5.2 5.0 7.4  
 277 25.9 20.3 30.5



#88  
 Benzo(b)fluoranthene  
 Concen: 41.307 ng  
 RT: 23.818 min Scan# 3545  
 Delta R.T. 0.000 min  
 Lab File: BG054547.D  
 Acq: 8 Aug 2022 10:23

Tgt Ion:252 Resp: 396690  
 Ion Ratio Lower Upper  
 252 100  
 253 21.7 18.0 27.0  
 125 3.8 4.6 6.8#

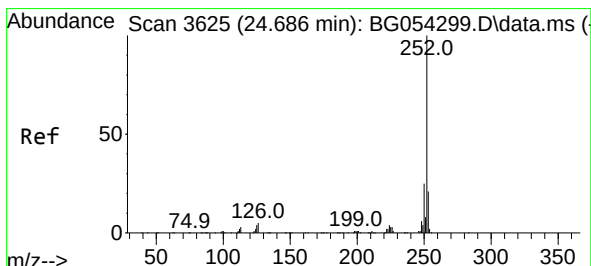
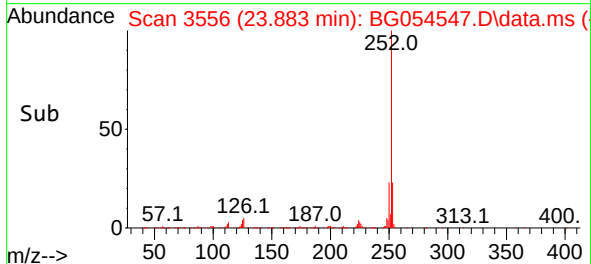
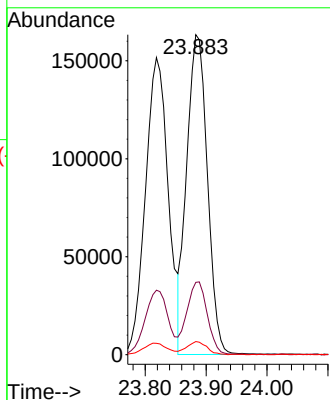
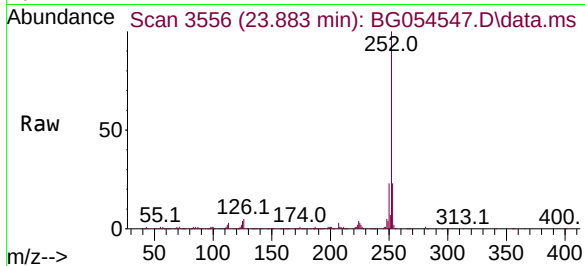




#89  
Benzo(k)fluoranthene  
Concen: 40.234 ng  
RT: 23.883 min Scan# 31  
Delta R.T. 0.000 min  
Lab File: BG054547.D  
Acq: 8 Aug 2022 10:23

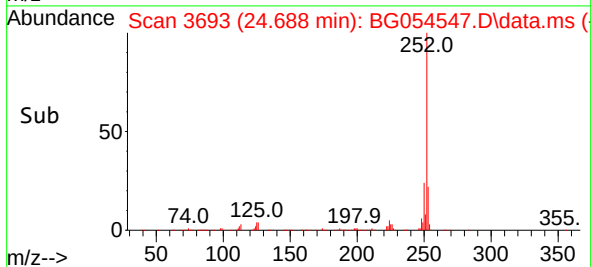
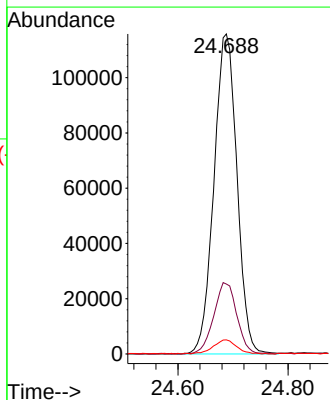
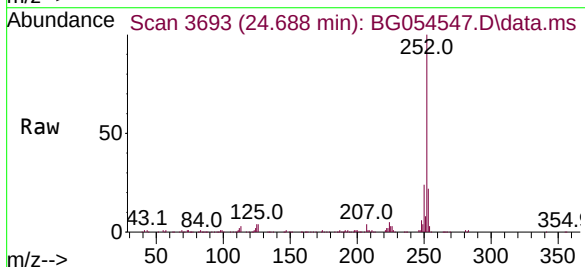
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

Tgt Ion:252 Resp: 384537  
Ion Ratio Lower Upper  
252 100  
253 22.6 18.4 27.6  
125 4.1 4.8 7.2#

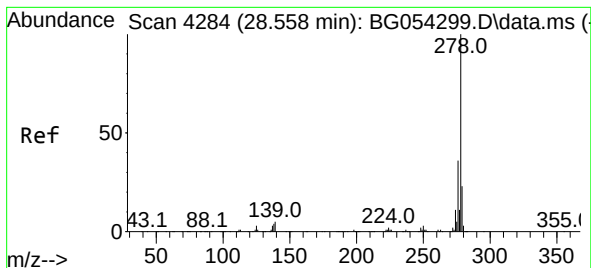


#90  
Benzo(a)pyrene  
Concen: 41.016 ng  
RT: 24.688 min Scan# 3693  
Delta R.T. 0.000 min  
Lab File: BG054547.D  
Acq: 8 Aug 2022 10:23

Tgt Ion:252 Resp: 336384  
Ion Ratio Lower Upper  
252 100  
253 21.9 17.8 26.8  
125 4.4 4.3 6.5







#91

Dibenzo(a,h)anthracene

Concen: 40.798 ng

RT: 28.572 min Scan# 41

Delta R.T. 0.000 min

Lab File: BG054547.D

Acq: 8 Aug 2022 10:23

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

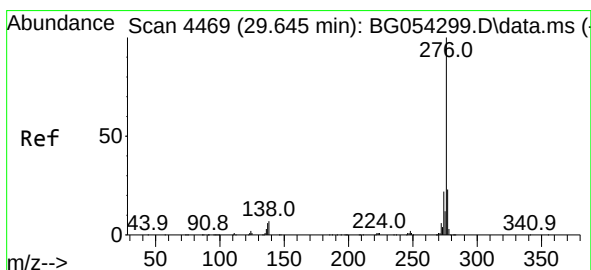
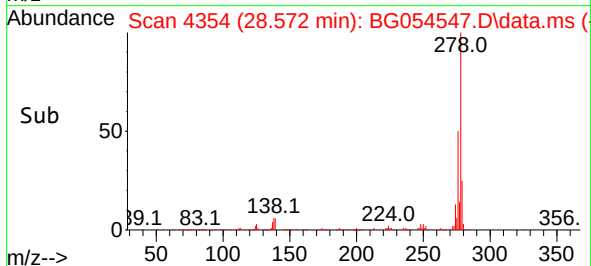
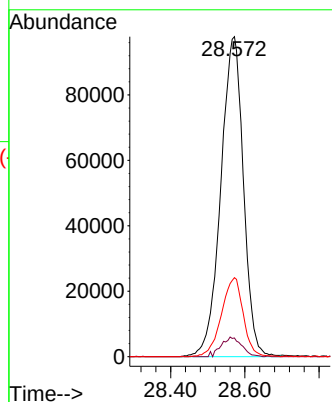
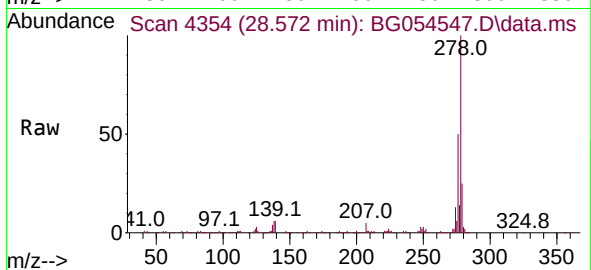
Tgt Ion:278 Resp: 414426

Ion Ratio Lower Upper

278 100

139 5.9 7.2 10.8#

279 24.7 18.6 27.8



#92

Benzo(g,h,i)perylene

Concen: 40.658 ng

RT: 29.676 min Scan# 4542

Delta R.T. 0.000 min

Lab File: BG054547.D

Acq: 8 Aug 2022 10:23

Tgt Ion:276 Resp: 407628

Ion Ratio Lower Upper

276 100

277 24.5 17.3 25.9

138 7.8 9.6 14.4#

