

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG052223\  
 Data File : BG057495.D  
 Acq On : 22 May 2023 15:53  
 Operator : CG/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

Quant Time: May 22 16:28:58 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG042723.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat May 20 04:19:55 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.360  | 152  | 20073    | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 11.203 | 136  | 82042    | 20.000 | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 14.980 | 164  | 65639    | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.718 | 188  | 161427   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 22.030 | 240  | 132098   | 20.000 | ng    | 0.01     |
| 86) Perylene-d12              | 25.531 | 264  | 140697   | 20.000 | ng    | 0.02     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.875  | 112  | 90328    | 76.977 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.502  | 99   | 142368   | 79.896 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.541  | 82   | 147538   | 75.477 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.461 | 330  | 82319    | 88.387 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.600 | 172  | 391412   | 80.311 | ng    | 0.00     |
| 79) Terphenyl-d14             | 20.285 | 244  | 663681   | 81.990 | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.678  | 88   | 16811    | 34.648 | ng    | 96       |
| 3) Pyridine                   | 4.101  | 79   | 53136    | 34.078 | ng    | 99       |
| 4) n-Nitrosodimethylamine     | 4.007  | 42   | 24383    | 33.276 | ng    | # 91     |
| 6) Aniline                    | 7.673  | 93   | 87436    | 38.680 | ng    | 98       |
| 8) 2-Chlorophenol             | 7.925  | 128  | 50723    | 40.908 | ng    | 98       |
| 9) Benzaldehyde               | 7.491  | 77   | 34830    | 36.193 | ng    | 98       |
| 10) Phenol                    | 7.532  | 94   | 68204    | 39.264 | ng    | 98       |
| 11) bis(2-Chloroethyl)ether   | 7.761  | 93   | 51753    | 39.511 | ng    | 96       |
| 12) 1,3-Dichlorobenzene       | 8.254  | 146  | 54271    | 39.657 | ng    | 95       |
| 13) 1,4-Dichlorobenzene       | 8.401  | 146  | 55500    | 40.374 | ng    | 95       |
| 14) 1,2-Dichlorobenzene       | 8.724  | 146  | 53391    | 40.233 | ng    | 97       |
| 15) Benzyl Alcohol            | 8.601  | 79   | 58758    | 39.582 | ng    | 99       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.883  | 45   | 61885    | 37.485 | ng    | 99       |
| 17) 2-Methylphenol            | 8.801  | 107  | 51444    | 41.084 | ng    | 98       |
| 18) Hexachloroethane          | 9.459  | 117  | 19836    | 39.986 | ng    | 96       |
| 19) n-Nitroso-di-n-propyla... | 9.165  | 70   | 52272    | 38.471 | ng    | 98       |
| 20) 3+4-Methylphenols         | 9.135  | 107  | 71541    | 41.726 | ng    | 97       |
| 22) Acetophenone              | 9.194  | 105  | 91141    | 38.814 | ng    | # 96     |
| 24) Nitrobenzene              | 9.588  | 77   | 73669    | 37.339 | ng    | 95       |
| 25) Isophorone                | 10.105 | 82   | 144926   | 38.235 | ng    | 100      |
| 26) 2-Nitrophenol             | 10.304 | 139  | 32886    | 43.546 | ng    | 98       |
| 27) 2,4-Dimethylphenol        | 10.346 | 122  | 55453    | 41.934 | ng    | 99       |
| 28) bis(2-Chloroethoxy)met... | 10.575 | 93   | 74343    | 39.150 | ng    | 98       |
| 29) 2,4-Dichlorophenol        | 10.845 | 162  | 60167    | 42.898 | ng    | 94       |
| 30) 1,2,4-Trichlorobenzene    | 11.056 | 180  | 66053    | 40.831 | ng    | 97       |
| 31) Naphthalene               | 11.250 | 128  | 176698   | 40.286 | ng    | 99       |
| 32) Benzoic acid              | 10.492 | 122  | 30003    | 40.196 | ng    | 97       |
| 33) 4-Chloroaniline           | 11.356 | 127  | 81876    | 41.568 | ng    | 97       |
| 34) Hexachlorobutadiene       | 11.520 | 225  | 48152    | 40.115 | ng    | 99       |
| 35) Caprolactam               | 12.131 | 113  | 20134    | 42.025 | ng    | 94       |
| 36) 4-Chloro-3-methylphenol   | 12.455 | 107  | 67832    | 42.558 | ng    | 98       |
| 37) 2-Methylnaphthalene       | 12.830 | 142  | 143963   | 41.746 | ng    | 95       |
| 38) 1-Methylnaphthalene       | 13.048 | 142  | 134341   | 41.330 | ng    | 98       |
| 40) 1,2,4,5-Tetrachloroben... | 13.189 | 216  | 95068    | 40.797 | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 13.159 | 237  | 42843    | 41.535 | ng    | 98       |
| 43) 2,4,6-Trichlorophenol     | 13.424 | 196  | 60164    | 42.379 | ng    | 94       |

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| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 13.506 | 196  | 71778    | 42.982 | ng    | 98       |
| 46) 1,1'-Biphenyl             | 13.812 | 154  | 195933   | 40.227 | ng    | 98       |
| 47) 2-Chloronaphthalene       | 13.870 | 162  | 146404   | 40.421 | ng    | 100      |
| 48) 2-Nitroaniline            | 14.064 | 65   | 49850    | 40.478 | ng    | 95       |
| 49) Acenaphthylene            | 14.704 | 152  | 239366   | 40.679 | ng    | 99       |
| 50) Dimethylphthalate         | 14.417 | 163  | 208570   | 38.668 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 14.546 | 165  | 46315    | 42.055 | ng    | 88       |
| 52) Acenaphthene              | 15.045 | 154  | 147888   | 40.220 | ng    | 100      |
| 53) 3-Nitroaniline            | 14.881 | 138  | 44291    | 40.144 | ng    | 91       |
| 54) 2,4-Dinitrophenol         | 15.098 | 184  | 28563    | 44.223 | ng    | 96       |
| 55) Dibenzofuran              | 15.374 | 168  | 250010   | 40.468 | ng    | 97       |
| 56) 4-Nitrophenol             | 15.186 | 139  | 30109    | 41.032 | ng    | # 86     |
| 57) 2,4-Dinitrotoluene        | 15.333 | 165  | 65930    | 41.888 | ng    | 91       |
| 58) Fluorene                  | 16.020 | 166  | 204676   | 40.221 | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol | 15.603 | 232  | 63970    | 42.252 | ng    | 99       |
| 60) Diethylphthalate          | 15.756 | 149  | 210254   | 38.383 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 15.997 | 204  | 123362   | 40.241 | ng    | 97       |
| 62) 4-Nitroaniline            | 16.044 | 138  | 45153    | 40.567 | ng    | 93       |
| 63) Azobenzene                | 16.291 | 77   | 196012   | 37.087 | ng    | 97       |
| 65) 4,6-Dinitro-2-methylph... | 16.103 | 198  | 43379    | 45.009 | ng    | 96       |
| 66) n-Nitrosodiphenylamine    | 16.214 | 169  | 179744   | 40.997 | ng    | 98       |
| 67) 4-Bromophenyl-phenylether | 16.890 | 248  | 80992    | 41.100 | ng    | 98       |
| 68) Hexachlorobenzene         | 17.025 | 284  | 82275    | 42.963 | ng    | 97       |
| 69) Atrazine                  | 17.142 | 200  | 69121    | 41.328 | ng    | 98       |
| 70) Pentachlorophenol         | 17.371 | 266  | 47109    | 42.685 | ng    | 97       |
| 71) Phenanthrene              | 17.759 | 178  | 334476   | 40.436 | ng    | 99       |
| 72) Anthracene                | 17.853 | 178  | 343780   | 40.504 | ng    | 98       |
| 73) Carbazole                 | 18.117 | 167  | 288564   | 40.385 | ng    | 99       |
| 74) Di-n-butylphthalate       | 18.634 | 149  | 342280   | 41.634 | ng    | 98       |
| 75) Fluoranthene              | 19.751 | 202  | 399594   | 38.841 | ng    | 99       |
| 77) Benzidine                 | 19.915 | 184  | 125825   | 42.606 | ng    | 99       |
| 78) Pyrene                    | 20.109 | 202  | 397878   | 41.450 | ng    | 99       |
| 80) Butylbenzylphthalate      | 20.961 | 149  | 140267   | 46.054 | ng    | 96       |
| 81) Benzo(a)anthracene        | 22.006 | 228  | 382249   | 40.615 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 21.901 | 252  | 125670   | 41.688 | ng    | 98       |
| 83) Chrysene                  | 22.077 | 228  | 357673   | 40.391 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 21.848 | 149  | 199460   | 44.262 | ng    | 100      |
| 85) Di-n-octyl phthalate      | 23.140 | 149  | 331344   | 44.105 | ng    | 97       |
| 87) Indeno(1,2,3-cd)pyrene    | 29.584 | 276  | 411962   | 40.175 | ng    | # 96     |
| 88) Benzo(b)fluoranthene      | 24.409 | 252  | 361157   | 39.268 | ng    | 98       |
| 89) Benzo(k)fluoranthene      | 24.485 | 252  | 365115   | 39.066 | ng    | 99       |
| 90) Benzo(a)pyrene            | 25.366 | 252  | 354541   | 39.457 | ng    | 96       |
| 91) Dibenzo(a,h)anthracene    | 29.637 | 278  | 346768   | 40.607 | ng    | 98       |
| 92) Benzo(g,h,i)perylene      | 30.865 | 276  | 336540   | 40.361 | ng    | 99       |

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

BNA G

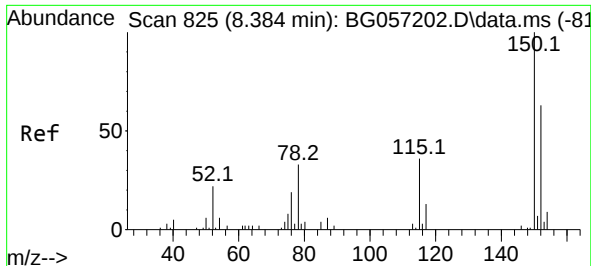
**ClientSampleId :**  
SSTDCCC040

Abundance

TIC: BG057495.D\data.ms

Time-->

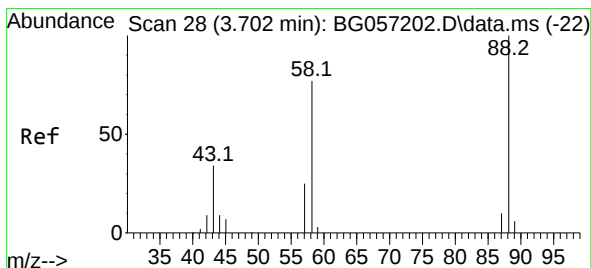
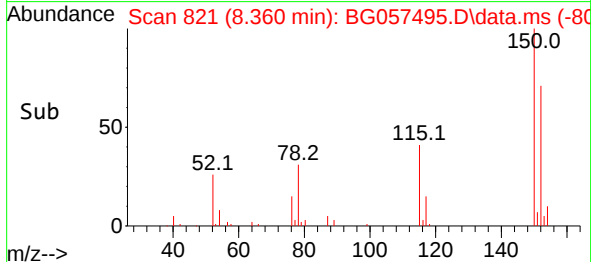
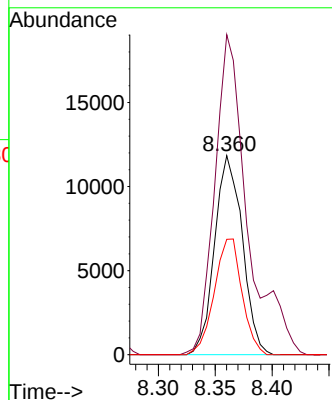
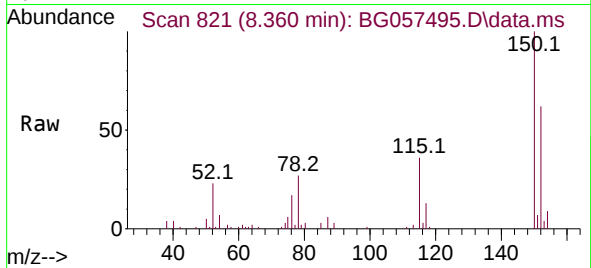
1,4-Dioxane  
n-Nitrosodimethylamine,  
2-Fluorophenol, S  
2-Fluorophenol, S  
Phenol  
Benzaldehyde  
Diethyl ether  
bis(2-ethylhexyl) ether  
2,3-Dichlorophthalate, C  
1,4-Dichlorobenzene  
2,2'-oxybis[2-chlorophthalate]  
n-Nitrosodimethylamine, P  
Hexachlorobenzene-d5, S  
Hexachlorobenzene  
2-Nitrophenol  
2-Nitrophenol  
Benzic acid, 2-chloromethyl  
2,4-Dichlorophthalate, C  
Naphthalene, 1-methyl  
4-Chlorobutadiene, C  
Caprolactam  
4-Chloro-3-methylphenol, C  
Hexamethylenecyclopentane  
1-Methyl-2-naphthylbenzene  
2,4,6-Trichlorophthalate, C  
2-Nitroaniline  
2-Chloronaphthalenyl  
Dimethylphthalate  
2,6-Dinitrotoluene  
2-Nitrophenyl  
Acenaphthene, C  
Acenaphthene  
2,3,4,6-Tetrachlorophthalate  
4,6-Dinitrophenyl ether  
4,6-Dinitrophenyl ether  
2,4,6-Trinitrophenol, S  
2,4,6-Trinitrophenyl ether  
Pentachlorophenol  
Phenanthrene-4,10,12-tri-  
Phenanthrene-4,10,12-tri-  
Carbazole  
Di-n-butylphthalate  
Fluoranthene, C  
Pyrene  
Benzidine  
Butylbenzylphthalate  
Di-n-octyl phthalate, c  
Benzothiazole  
Benzothiazole  
Chrysene  
Bis(2-ethylhexyl)phthalate  
Di-n-octyl phthalate, c  
Benzothiazole  
Benzothiazole  
Perylene-d12, I  
Benzo(a)pyrene, C  
Indeno(1,2,3-cd)pyrene  
Benzo(g,h,i)perylene



#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 8.360 min Scan# 81  
 Delta R.T. -0.002 min  
 Lab File: BG057495.D  
 Acq: 22 May 2023 15:53

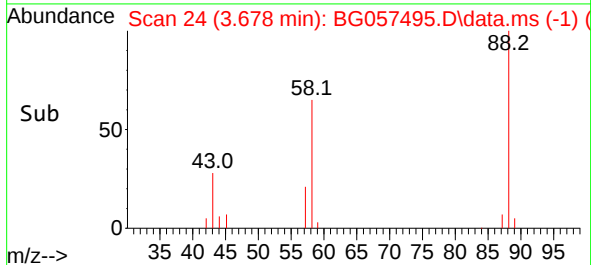
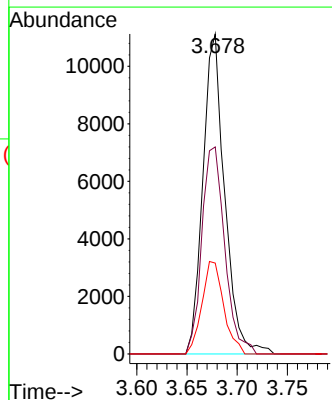
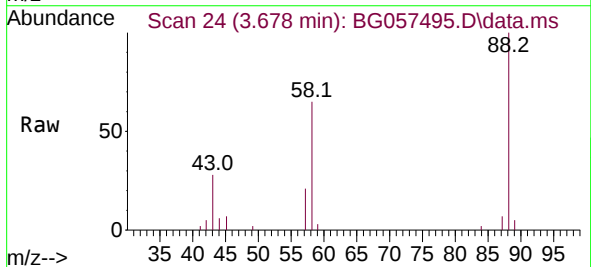
Instrument :  
 BNA\_G  
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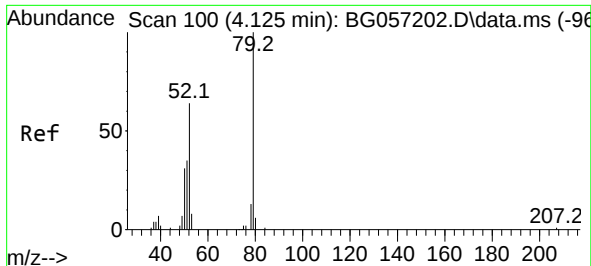
Tgt Ion:152 Resp: 20073  
 Ion Ratio Lower Upper  
 152 100  
 150 160.8 126.2 189.4  
 115 58.0 45.0 67.4



#2  
 1,4-Dioxane  
 Concen: 34.648 ng  
 RT: 3.678 min Scan# 24  
 Delta R.T. 0.004 min  
 Lab File: BG057495.D  
 Acq: 22 May 2023 15:53

Tgt Ion: 88 Resp: 16811  
 Ion Ratio Lower Upper  
 88 100  
 58 68.0 57.1 85.7  
 43 28.9 24.4 36.6

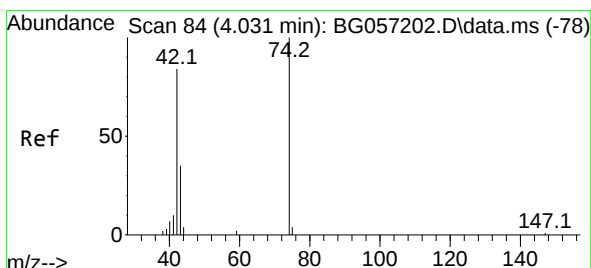
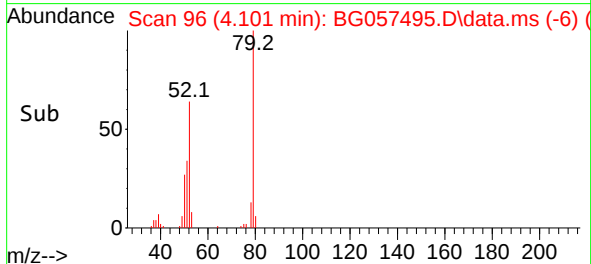
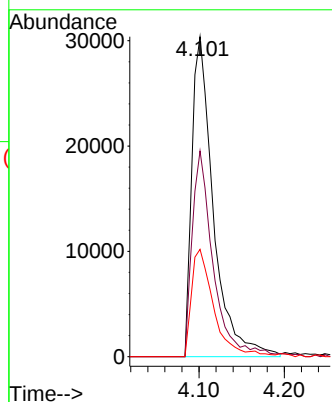
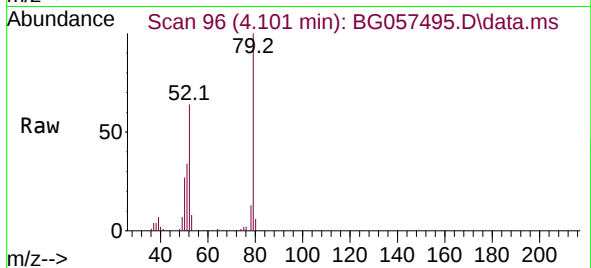




#3  
Pyridine  
Concen: 34.078 ng  
RT: 4.101 min Scan# 90  
Delta R.T. -0.002 min  
Lab File: BG057495.D  
Acq: 22 May 2023 15:53

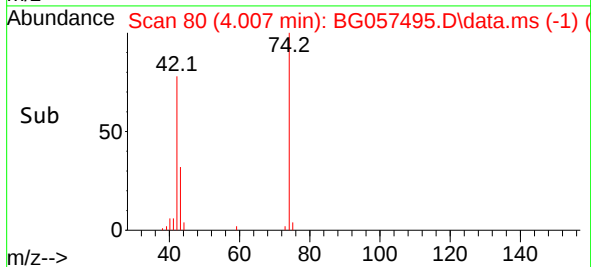
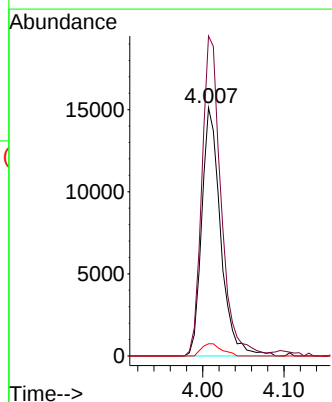
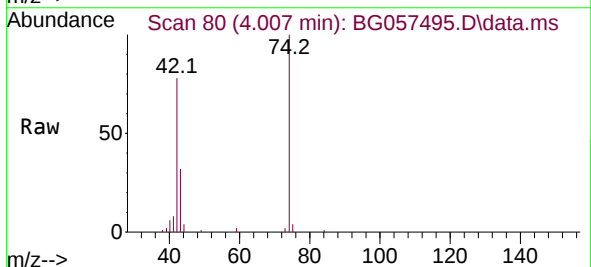
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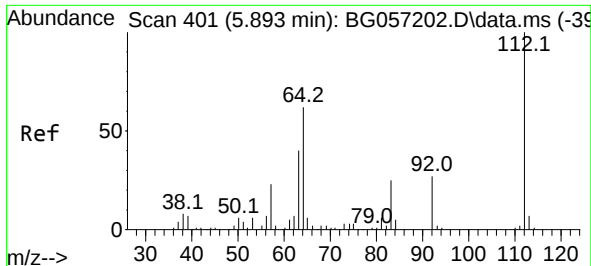
Tgt Ion: 79 Resp: 53136  
Ion Ratio Lower Upper  
79 100  
52 64.3 51.4 77.0  
51 33.6 28.0 42.0



#4  
n-Nitrosodimethylamine  
Concen: 33.276 ng  
RT: 4.007 min Scan# 80  
Delta R.T. -0.002 min  
Lab File: BG057495.D  
Acq: 22 May 2023 15:53

Tgt Ion: 42 Resp: 24383  
Ion Ratio Lower Upper  
42 100  
74 128.9 95.1 142.7  
44 4.9 5.8 8.8

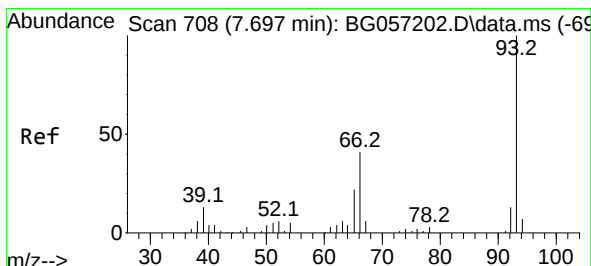
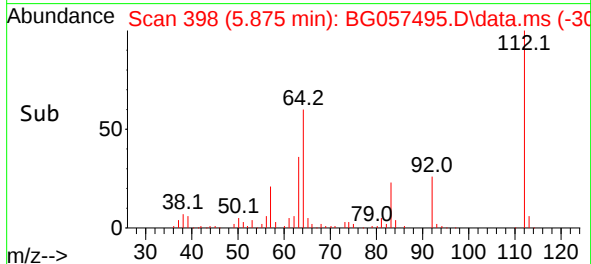
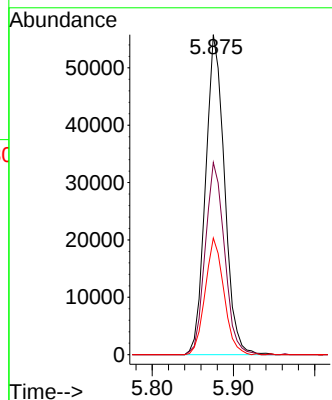
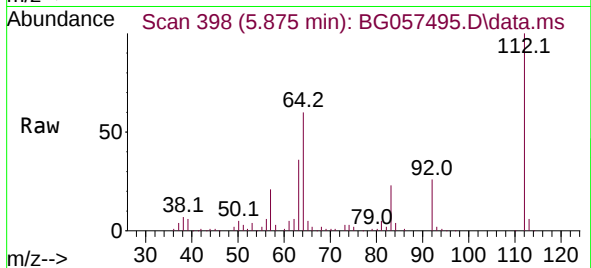




#5  
2-Fluorophenol  
Concen: 76.977 ng  
RT: 5.875 min Scan# 398  
Delta R.T. 0.004 min  
Lab File: BG057495.D  
Acq: 22 May 2023 15:53

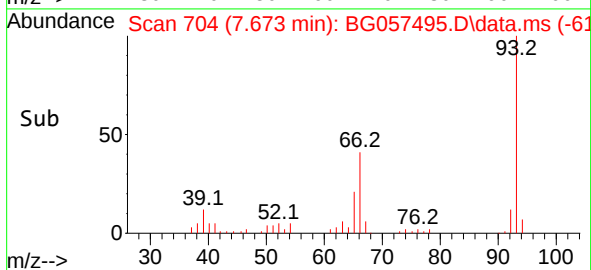
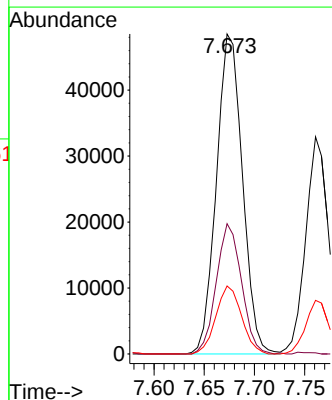
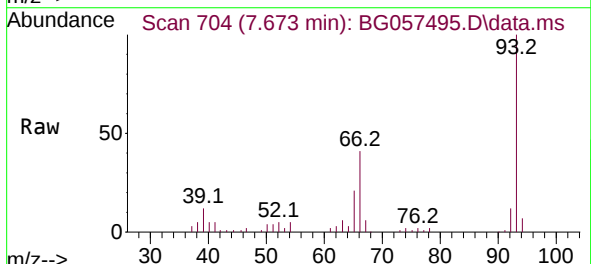
Instrument :  
BNA\_G  
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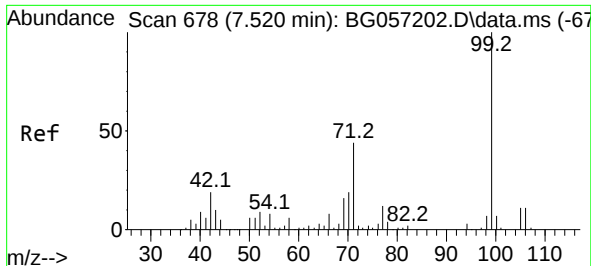
Tgt Ion:112 Resp: 90328  
Ion Ratio Lower Upper  
112 100  
64 60.1 49.4 74.2  
63 36.4 31.6 47.4



#6  
Aniline  
Concen: 38.680 ng  
RT: 7.673 min Scan# 704  
Delta R.T. -0.002 min  
Lab File: BG057495.D  
Acq: 22 May 2023 15:53

Tgt Ion: 93 Resp: 87436  
Ion Ratio Lower Upper  
93 100  
66 40.7 33.0 49.6  
65 21.3 18.0 27.0

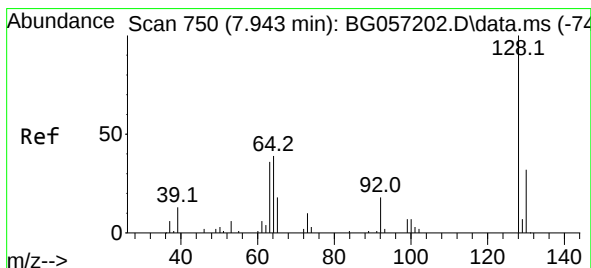
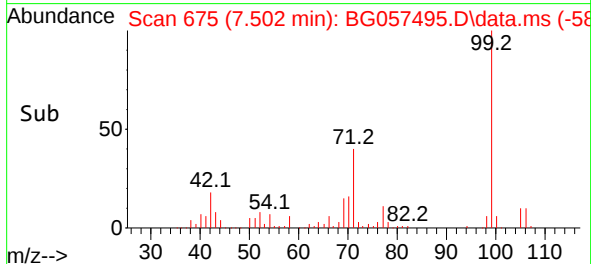
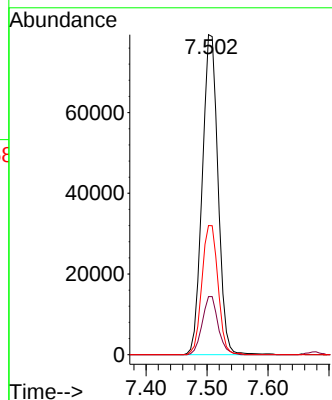
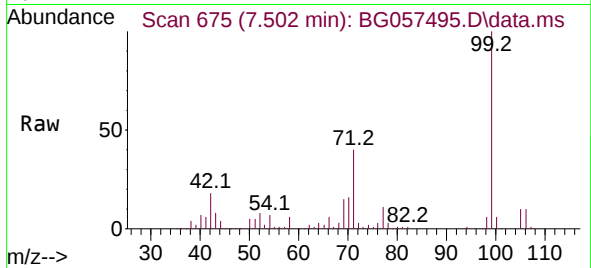




#7  
Phenol-d6  
Concen: 79.896 ng  
RT: 7.502 min Scan# 61  
Delta R.T. 0.004 min  
Lab File: BG057495.D  
Acq: 22 May 2023 15:53

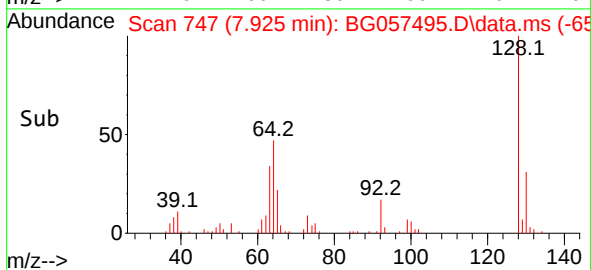
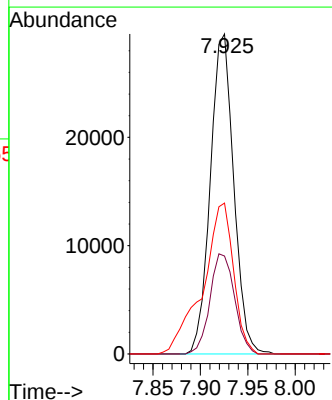
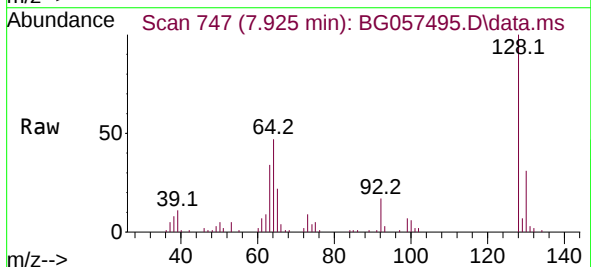
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

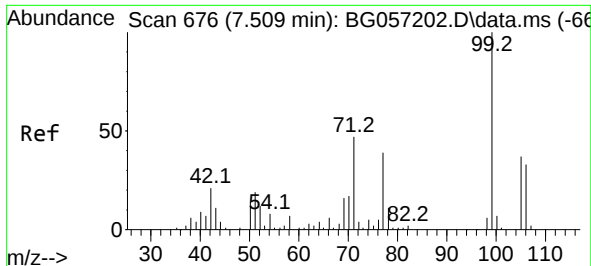
Tgt Ion: 99 Resp: 142368  
Ion Ratio Lower Upper  
99 100  
42 18.1 15.1 22.7  
71 40.4 35.2 52.8



#8  
2-Chlorophenol  
Concen: 40.908 ng  
RT: 7.925 min Scan# 747  
Delta R.T. 0.004 min  
Lab File: BG057495.D  
Acq: 22 May 2023 15:53

Tgt Ion: 128 Resp: 50723  
Ion Ratio Lower Upper  
128 100  
130 30.6 12.2 52.2  
64 47.1 28.4 68.4

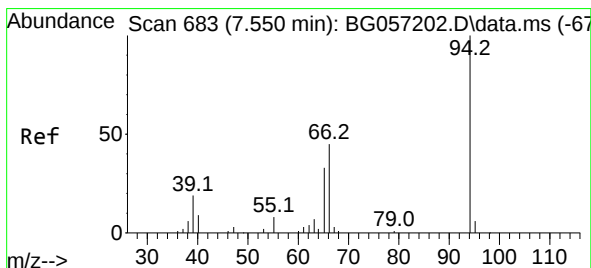
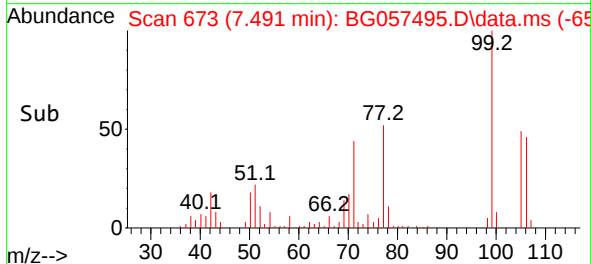
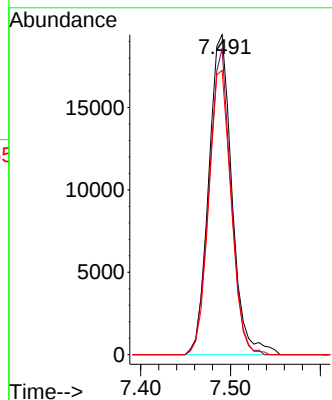
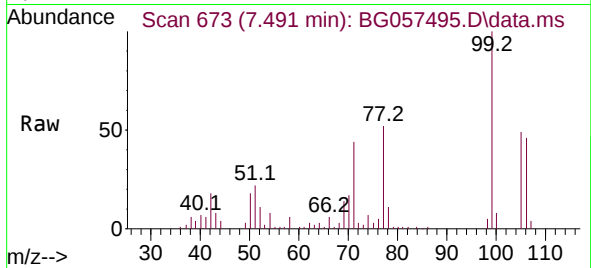




#9  
Benzaldehyde  
Concen: 36.193 ng  
RT: 7.491 min Scan# 61  
Delta R.T. 0.004 min  
Lab File: BG057495.D  
Acq: 22 May 2023 15:53

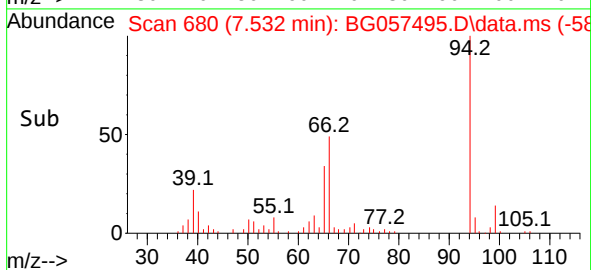
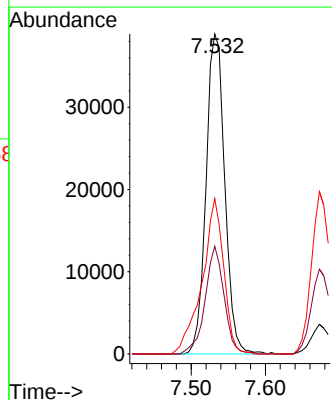
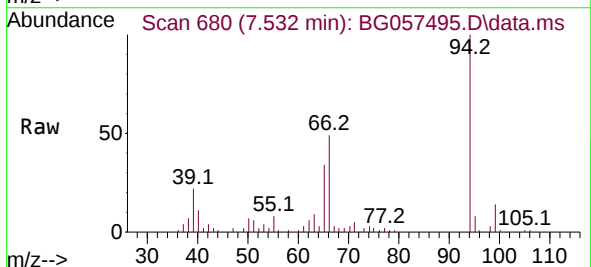
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

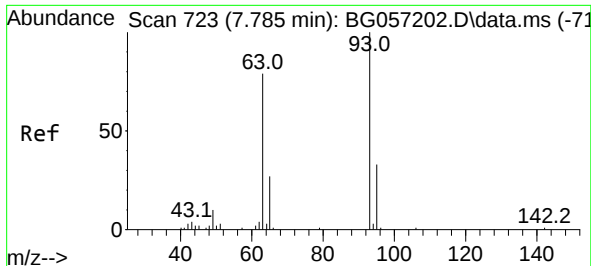
Tgt Ion: 77 Resp: 34830  
Ion Ratio Lower Upper  
77 100  
105 95.6 74.6 114.6  
106 88.9 66.3 106.3



#10  
Phenol  
Concen: 39.264 ng  
RT: 7.532 min Scan# 680  
Delta R.T. 0.004 min  
Lab File: BG057495.D  
Acq: 22 May 2023 15:53

Tgt Ion: 94 Resp: 68204  
Ion Ratio Lower Upper  
94 100  
65 33.6 13.5 53.5  
66 48.6 26.7 66.7

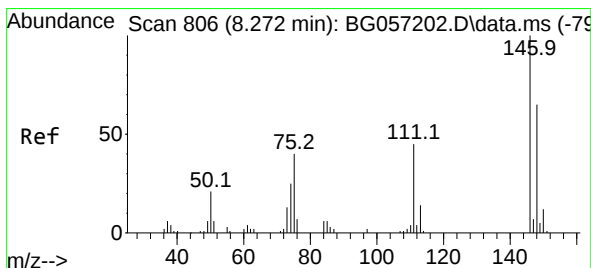
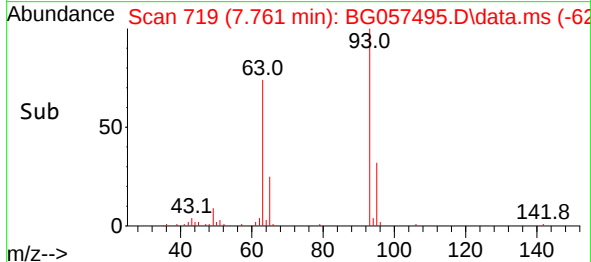
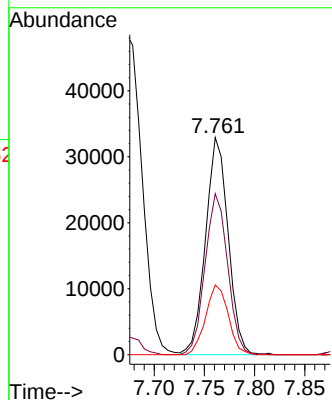
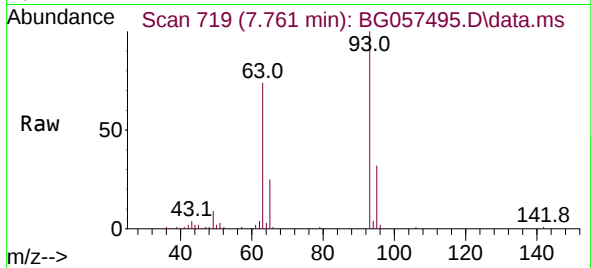




#11  
bis(2-Chloroethyl)ether  
Concen: 39.511 ng  
RT: 7.761 min Scan# 719  
Delta R.T. -0.002 min  
Lab File: BG057495.D  
Acq: 22 May 2023 15:53

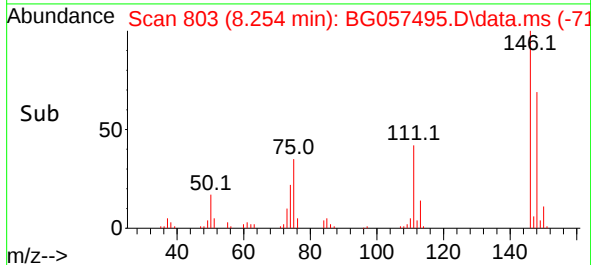
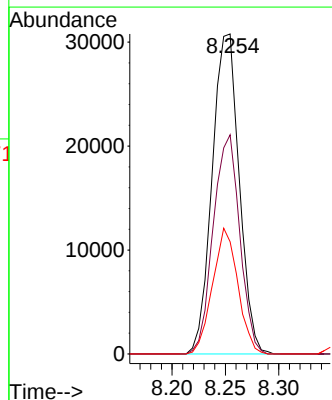
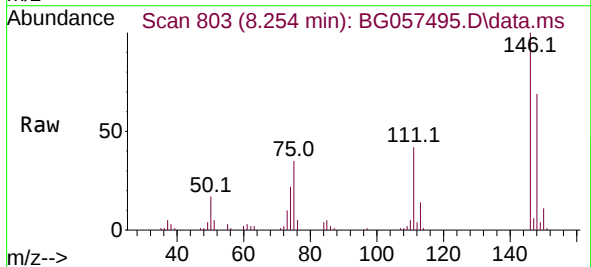
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

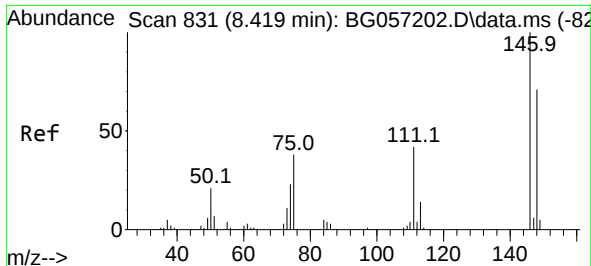
Tgt Ion: 93 Resp: 51753  
Ion Ratio Lower Upper  
93 100  
63 74.2 58.6 98.6  
95 32.2 12.2 52.2



#12  
1,3-Dichlorobenzene  
Concen: 39.657 ng  
RT: 8.254 min Scan# 803  
Delta R.T. 0.004 min  
Lab File: BG057495.D  
Acq: 22 May 2023 15:53

Tgt Ion: 146 Resp: 54271  
Ion Ratio Lower Upper  
146 100  
148 68.5 52.2 78.2  
75 35.0 31.7 47.5





#13

1,4-Dichlorobenzene

Concen: 40.374 ng

RT: 8.401 min Scan# 81

Delta R.T. 0.004 min

Lab File: BG057495.D

Acq: 22 May 2023 15:53

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

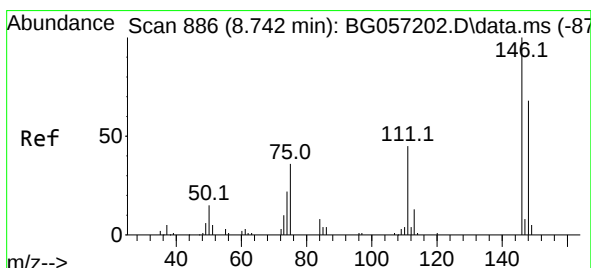
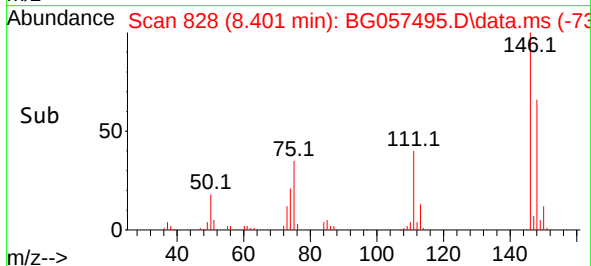
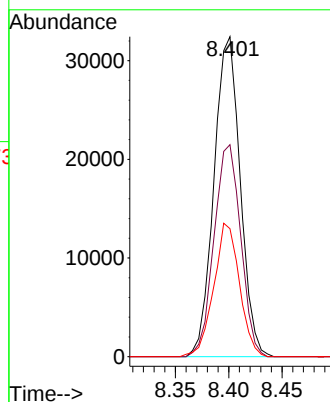
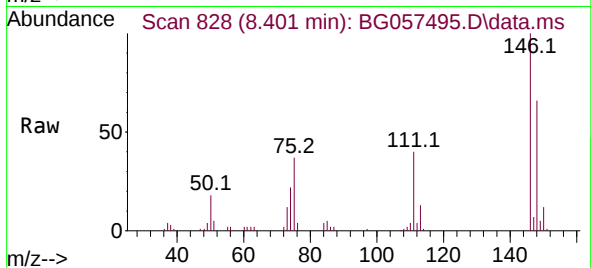
Tgt Ion:146 Resp: 55500

Ion Ratio Lower Upper

146 100

148 66.2 56.4 84.6

111 40.0 33.8 50.6



#14

1,2-Dichlorobenzene

Concen: 40.233 ng

RT: 8.724 min Scan# 883

Delta R.T. 0.004 min

Lab File: BG057495.D

Acq: 22 May 2023 15:53

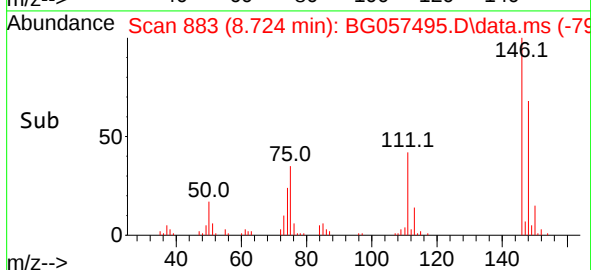
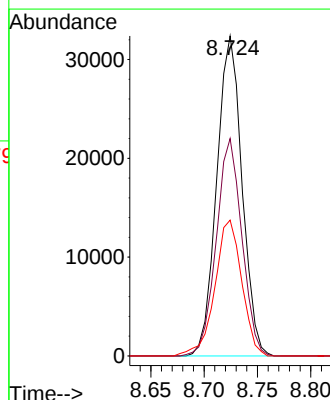
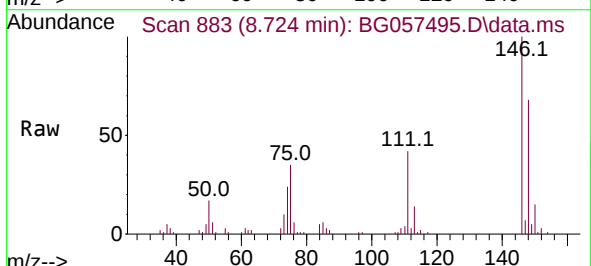
Tgt Ion:146 Resp: 53391

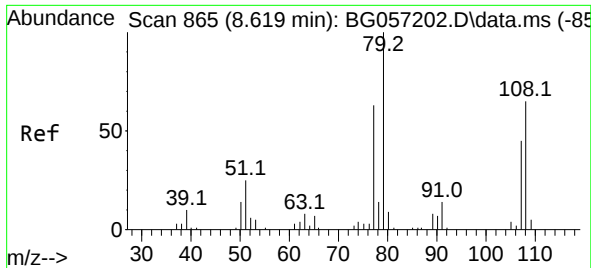
Ion Ratio Lower Upper

146 100

148 68.0 54.6 82.0

111 42.4 37.2 55.8

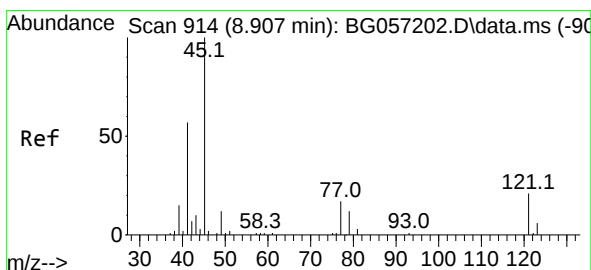
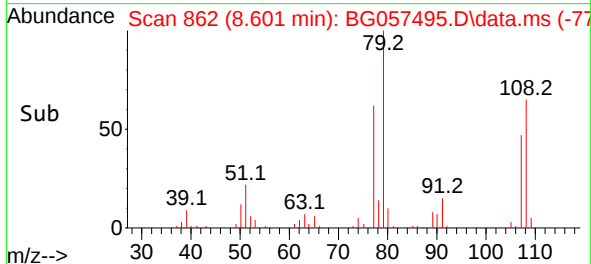
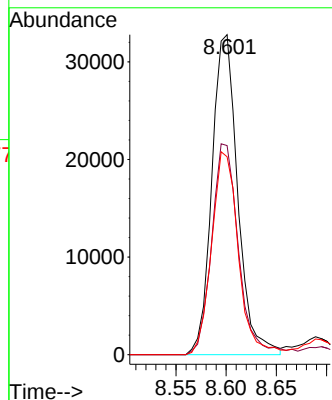
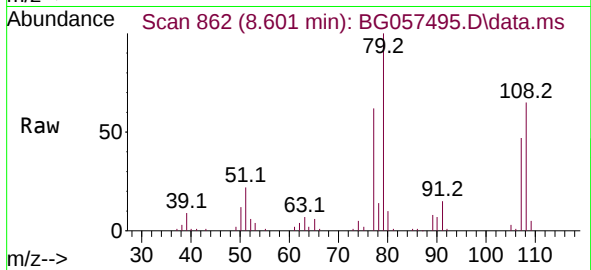




#15  
Benzyl Alcohol  
Concen: 39.582 ng  
RT: 8.601 min Scan# 80  
Delta R.T. 0.004 min  
Lab File: BG057495.D  
Acq: 22 May 2023 15:53

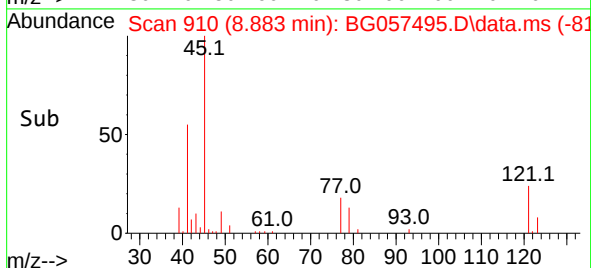
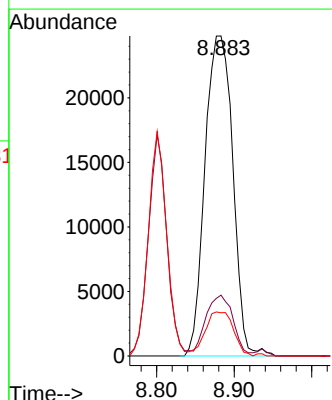
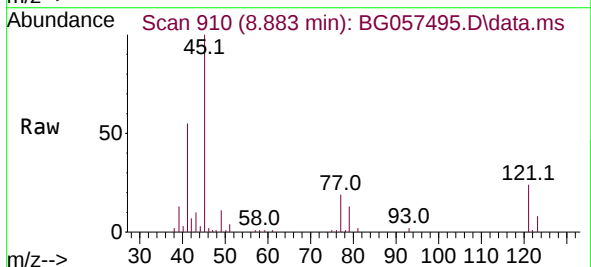
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

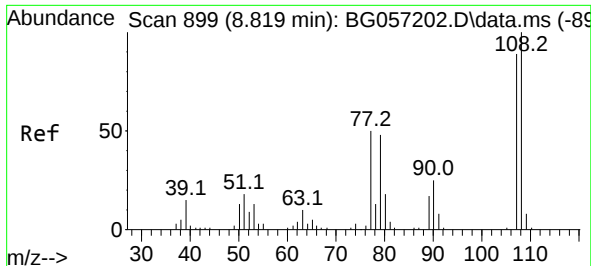
Tgt Ion: 79 Resp: 58758  
Ion Ratio Lower Upper  
79 100  
108 65.4 52.2 78.2  
77 61.9 50.1 75.1



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 37.485 ng  
RT: 8.883 min Scan# 910  
Delta R.T. 0.004 min  
Lab File: BG057495.D  
Acq: 22 May 2023 15:53

Tgt Ion: 45 Resp: 61885  
Ion Ratio Lower Upper  
45 100  
77 19.0 0.0 38.5  
79 13.5 0.0 33.8

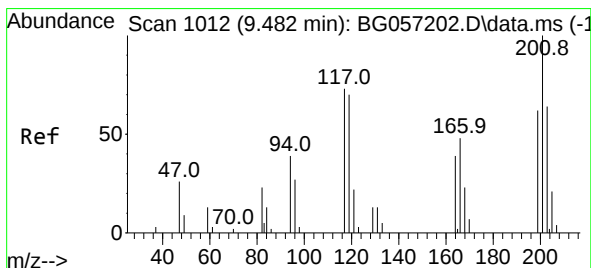
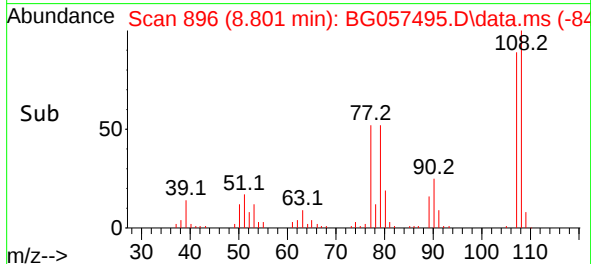
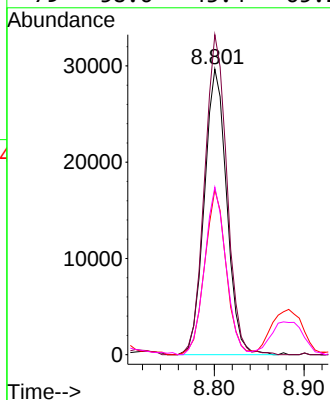
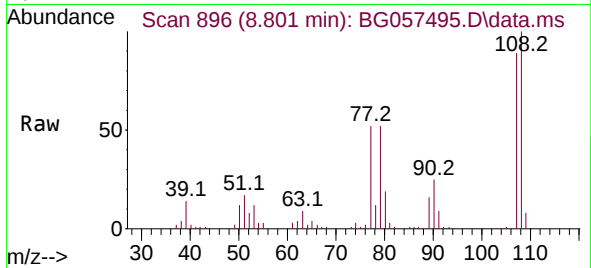




#17  
2-Methylphenol  
Concen: 41.084 ng  
RT: 8.801 min Scan# 899  
Delta R.T. 0.004 min  
Lab File: BG057495.D  
Acq: 22 May 2023 15:53

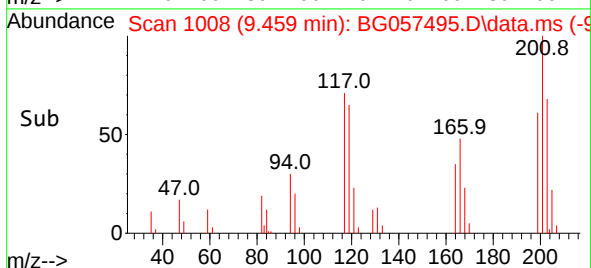
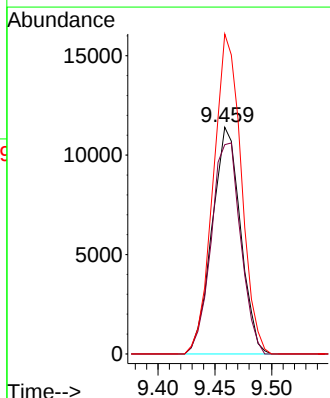
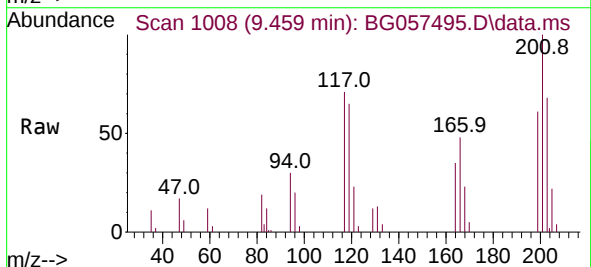
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

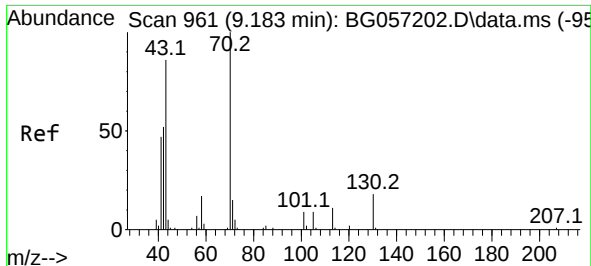
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 107   | Resp: | 51444 |
| Ion      | Ratio | Lower | Upper |
| 107      | 100   |       |       |
| 108      | 112.0 | 89.5  | 134.3 |
| 77       | 57.8  | 45.1  | 67.7  |
| 79       | 58.6  | 43.4  | 65.2  |



#18  
Hexachloroethane  
Concen: 39.986 ng  
RT: 9.459 min Scan# 1008  
Delta R.T. 0.004 min  
Lab File: BG057495.D  
Acq: 22 May 2023 15:53

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 19836 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 92.3  | 76.7  | 115.1 |
| 201      | 141.1 | 109.0 | 163.4 |

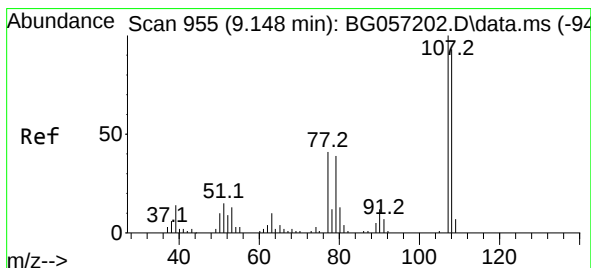
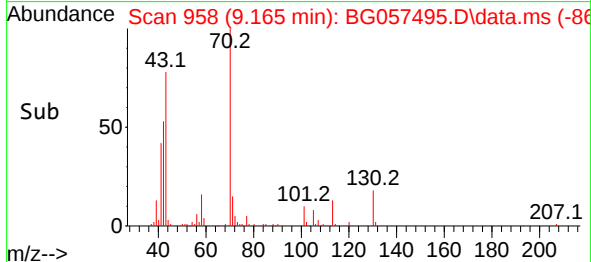
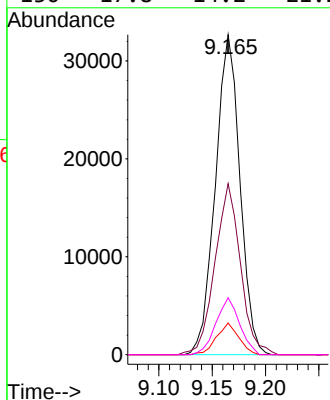
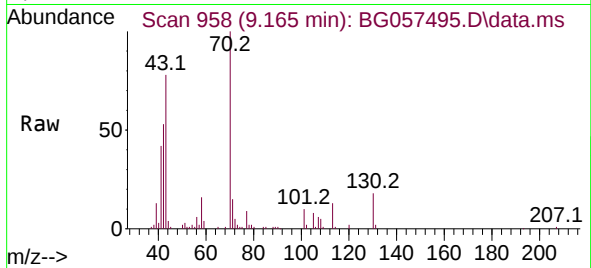




#19  
n-Nitroso-di-n-propylamine  
Concen: 38.471 ng  
RT: 9.165 min Scan# 91  
Delta R.T. 0.004 min  
Lab File: BG057495.D  
Acq: 22 May 2023 15:53

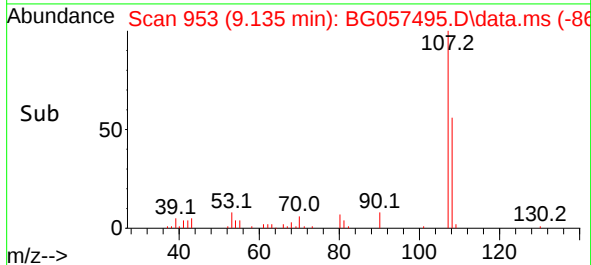
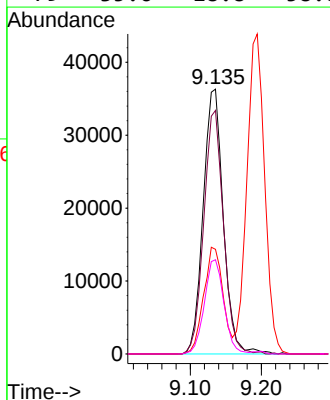
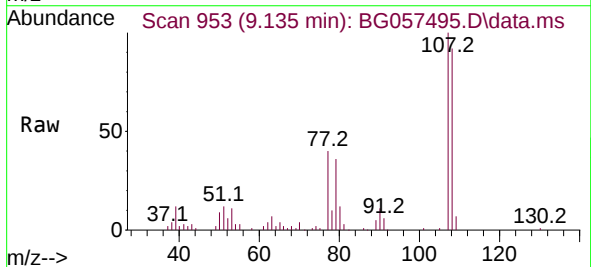
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

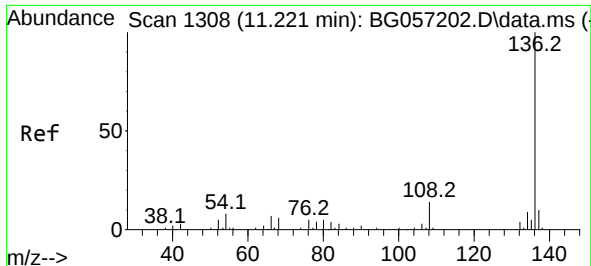
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 70    | Resp: | 52272 |
| Ion      | Ratio | Lower | Upper |
| 70       | 100   |       |       |
| 42       | 53.5  | 41.8  | 62.8  |
| 101      | 9.9   | 6.8   | 10.2  |
| 130      | 17.8  | 14.2  | 21.2  |



#20  
3+4-Methylphenols  
Concen: 41.726 ng  
RT: 9.135 min Scan# 953  
Delta R.T. 0.010 min  
Lab File: BG057495.D  
Acq: 22 May 2023 15:53

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 107   | Resp: | 71541 |
| Ion      | Ratio | Lower | Upper |
| 107      | 100   |       |       |
| 108      | 91.9  | 73.5  | 113.5 |
| 77       | 39.5  | 21.1  | 61.1  |
| 79       | 35.6  | 18.8  | 58.8  |

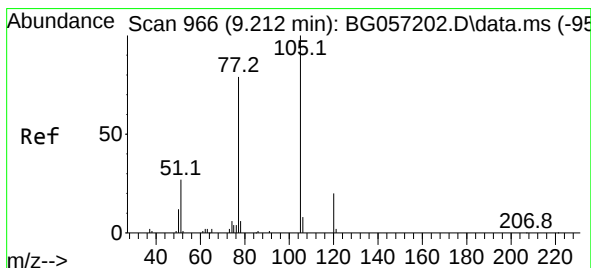
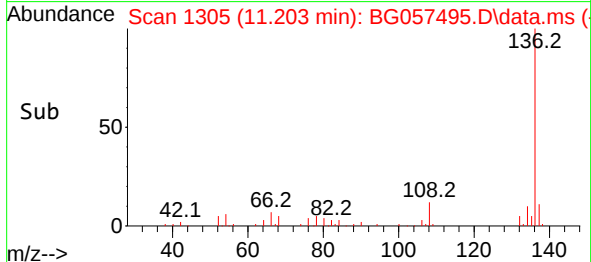
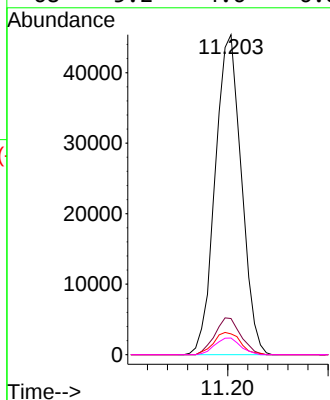
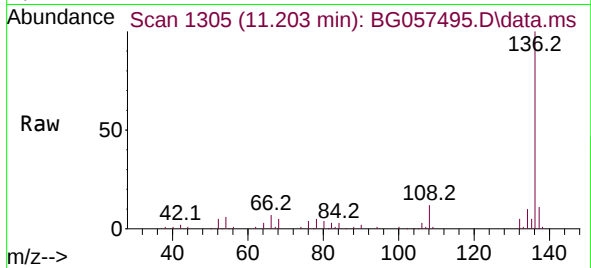




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 11.203 min Scan# 11  
Delta R.T. 0.004 min  
Lab File: BG057495.D  
Acq: 22 May 2023 15:53

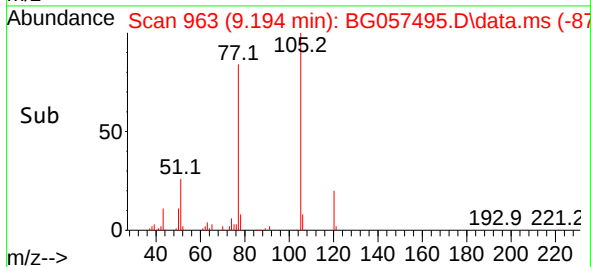
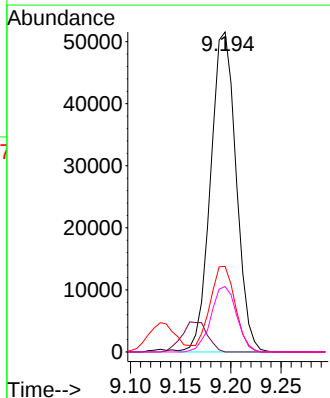
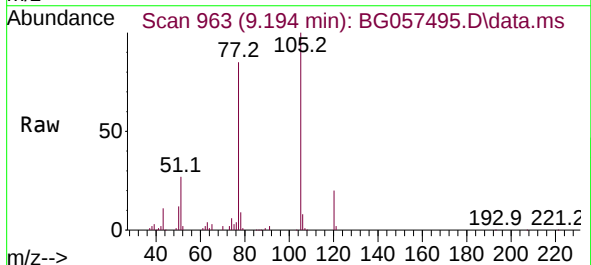
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ClientSampleId :  
SSTDCCC040

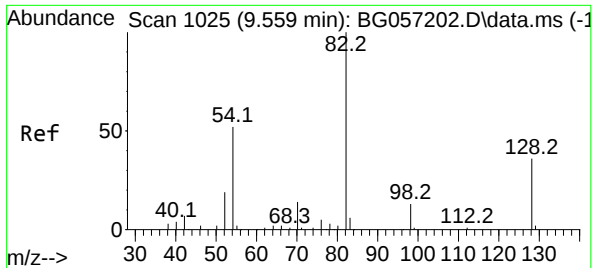
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 136   | Resp: | 82042 |
| Ion Ratio | Lower | Upper |       |
| 136       | 100   |       |       |
| 137       | 11.3  | 8.3   | 12.5  |
| 54        | 6.5   | 6.7   | 10.1# |
| 68        | 5.2   | 4.6   | 6.8   |



#22  
Acetophenone  
Concen: 38.814 ng  
RT: 9.194 min Scan# 963  
Delta R.T. 0.004 min  
Lab File: BG057495.D  
Acq: 22 May 2023 15:53

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 105   | Resp: | 91141 |
| Ion Ratio | Lower | Upper |       |
| 105       | 100   |       |       |
| 71        | 0.0   | 0.4   | 0.6#  |
| 51        | 26.8  | 24.0  | 36.0  |
| 120       | 20.5  | 15.8  | 23.8  |





#23

Nitrobenzene-d5

Concen: 75.477 ng

RT: 9.541 min Scan# 1025

Delta R.T. 0.004 min

Lab File: BG057495.D

Acq: 22 May 2023 15:53

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

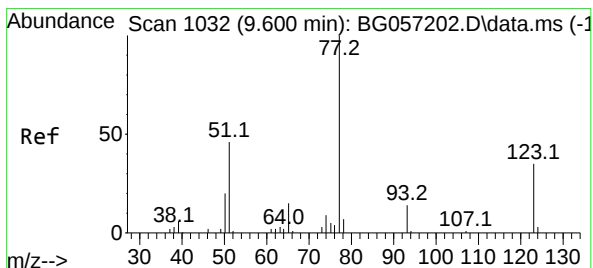
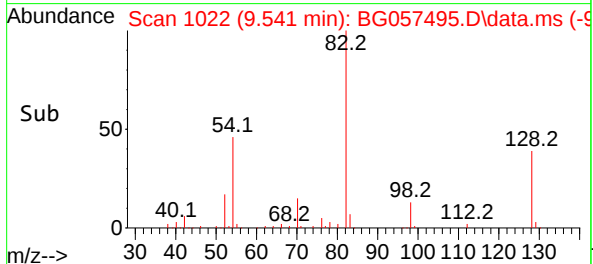
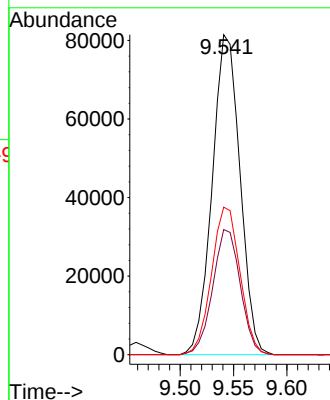
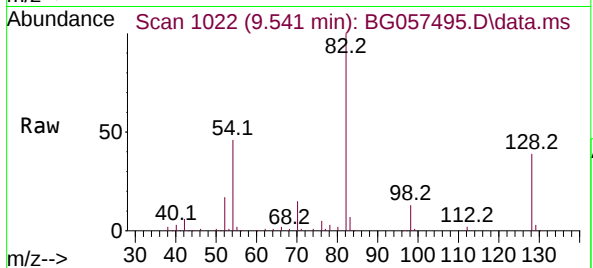
Tgt Ion: 82 Resp: 147538

Ion Ratio Lower Upper

82 100

128 39.1 29.0 43.4

54 46.1 41.4 62.0



#24

Nitrobenzene

Concen: 37.339 ng

RT: 9.588 min Scan# 1030

Delta R.T. 0.004 min

Lab File: BG057495.D

Acq: 22 May 2023 15:53

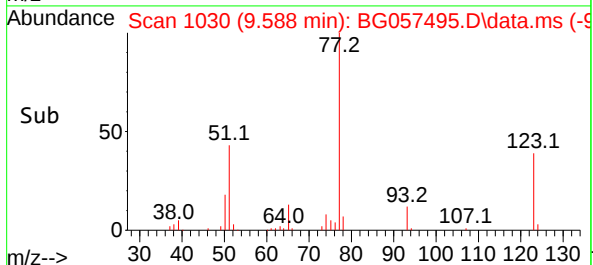
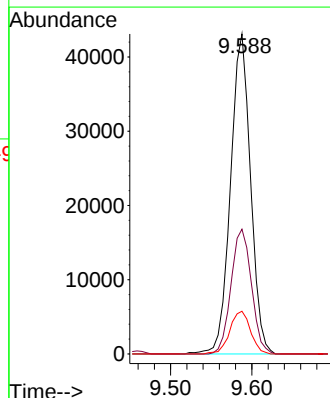
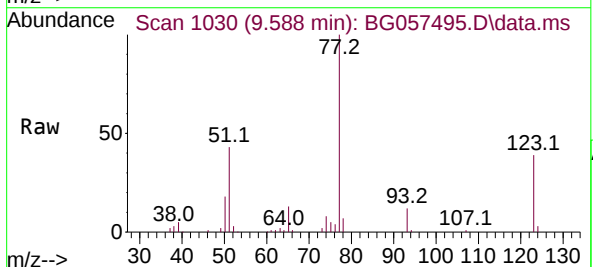
Tgt Ion: 77 Resp: 73669

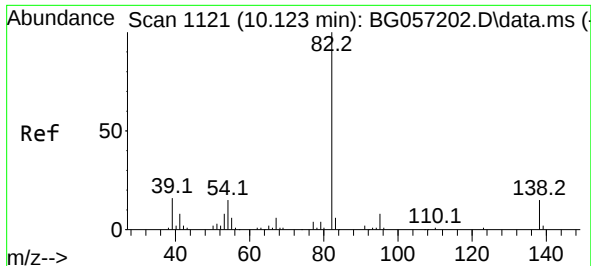
Ion Ratio Lower Upper

77 100

123 39.0 28.2 42.2

65 13.4 11.7 17.5

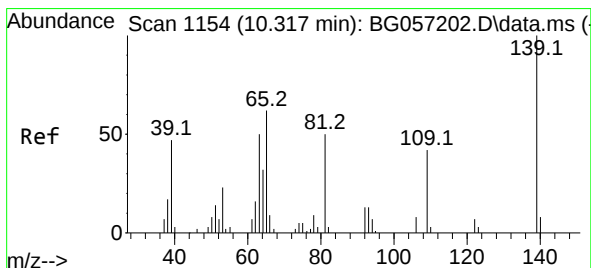
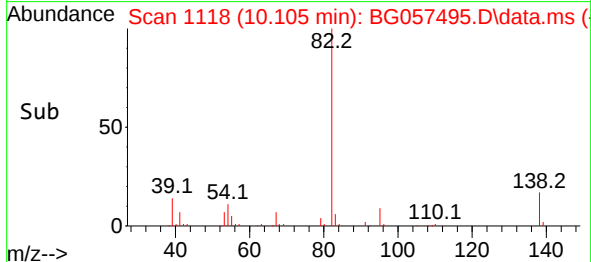
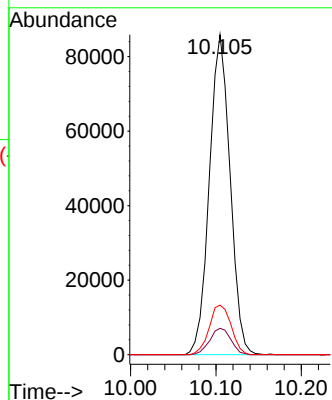
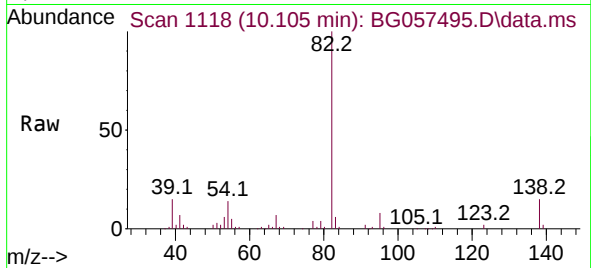




#25  
Isophorone  
Concen: 38.235 ng  
RT: 10.105 min Scan# 1118  
Delta R.T. 0.004 min  
Lab File: BG057495.D  
Acq: 22 May 2023 15:53

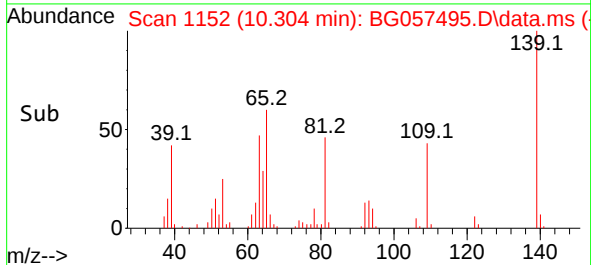
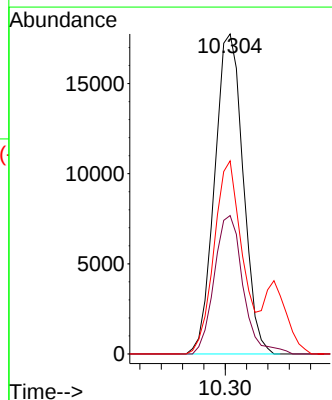
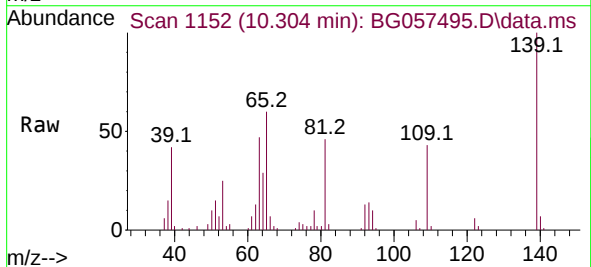
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

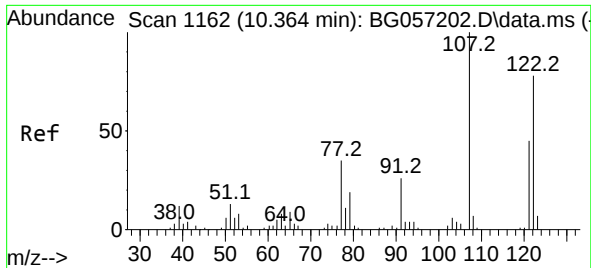
Tgt Ion: 82 Resp: 144926  
Ion Ratio Lower Upper  
82 100  
95 8.2 6.4 9.6  
138 15.5 12.3 18.5



#26  
2-Nitrophenol  
Concen: 43.546 ng  
RT: 10.304 min Scan# 1152  
Delta R.T. 0.004 min  
Lab File: BG057495.D  
Acq: 22 May 2023 15:53

Tgt Ion:139 Resp: 32886  
Ion Ratio Lower Upper  
139 100  
109 43.2 33.4 50.2  
65 60.3 49.8 74.6

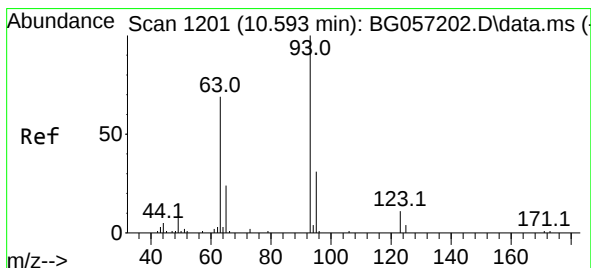
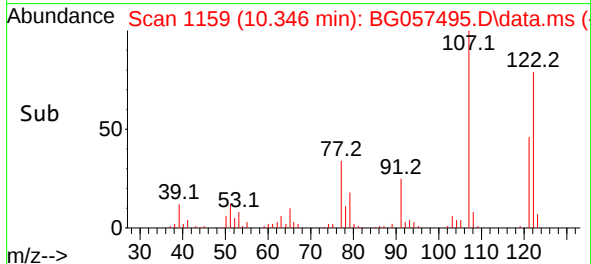
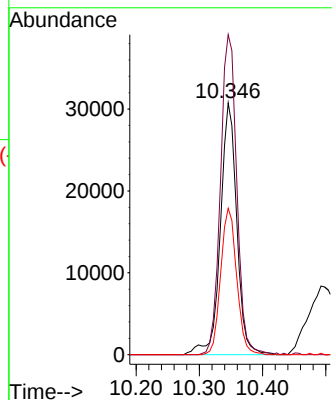
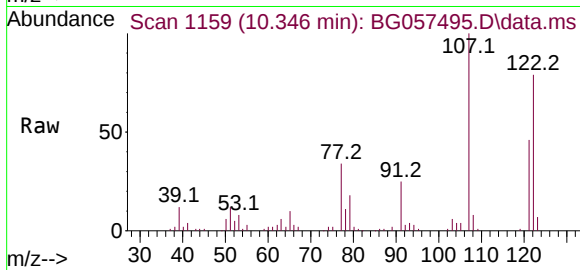




#27  
2,4-Dimethylphenol  
Concen: 41.934 ng  
RT: 10.346 min Scan# 1159  
Delta R.T. 0.004 min  
Lab File: BG057495.D  
Acq: 22 May 2023 15:53

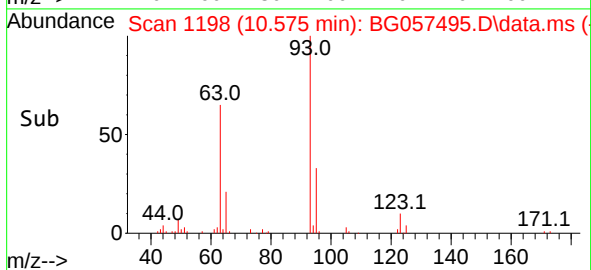
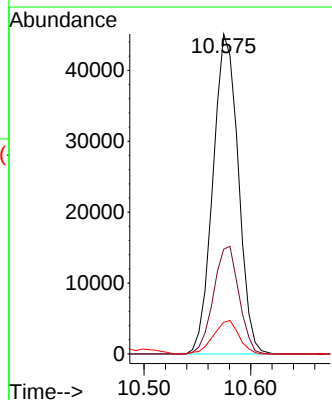
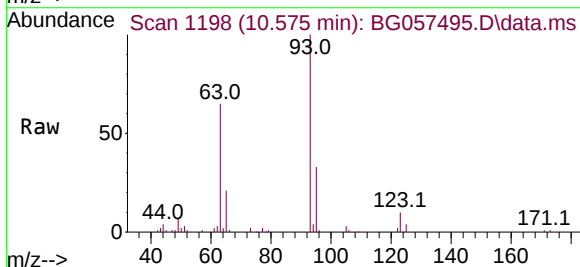
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

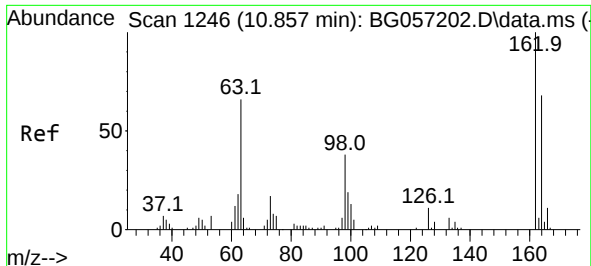
Tgt Ion:122 Resp: 55453  
Ion Ratio Lower Upper  
122 100  
107 127.0 103.0 154.4  
121 58.1 45.9 68.9



#28  
bis(2-Chloroethoxy)methane  
Concen: 39.150 ng  
RT: 10.575 min Scan# 1198  
Delta R.T. 0.004 min  
Lab File: BG057495.D  
Acq: 22 May 2023 15:53

Tgt Ion: 93 Resp: 74343  
Ion Ratio Lower Upper  
93 100  
95 32.8 25.0 37.6  
123 9.9 8.5 12.7





#29

2,4-Dichlorophenol

Concen: 42.898 ng

RT: 10.845 min Scan# 1

Delta R.T. 0.004 min

Lab File: BG057495.D

Acq: 22 May 2023 15:53

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

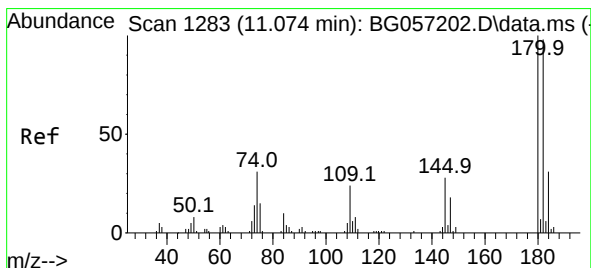
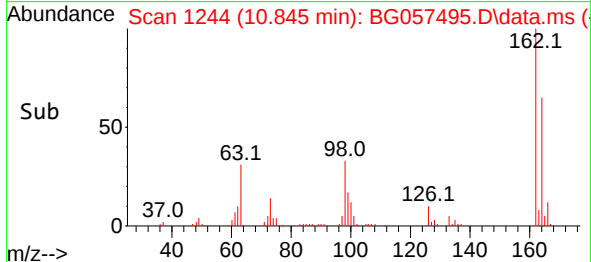
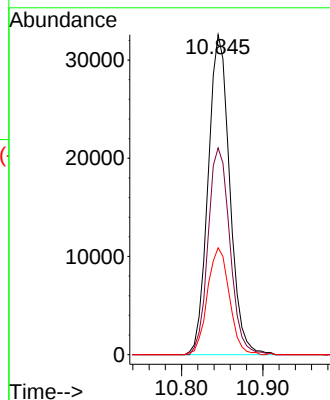
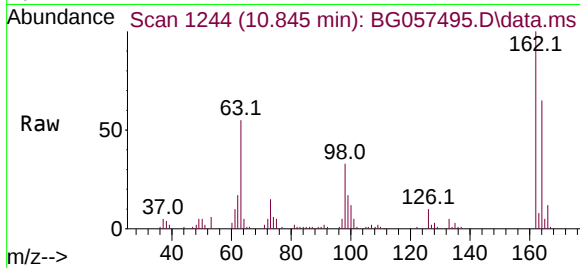
Tgt Ion:162 Resp: 60167

Ion Ratio Lower Upper

162 100

164 64.6 48.4 88.4

98 33.4 17.6 57.6



#30

1,2,4-Trichlorobenzene

Concen: 40.831 ng

RT: 11.056 min Scan# 1280

Delta R.T. 0.004 min

Lab File: BG057495.D

Acq: 22 May 2023 15:53

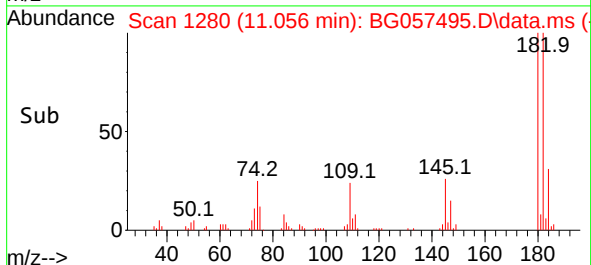
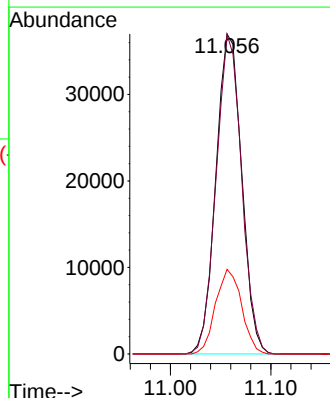
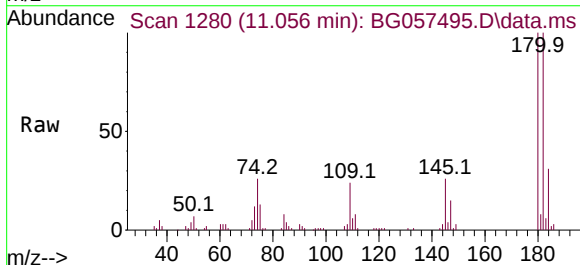
Tgt Ion:180 Resp: 66053

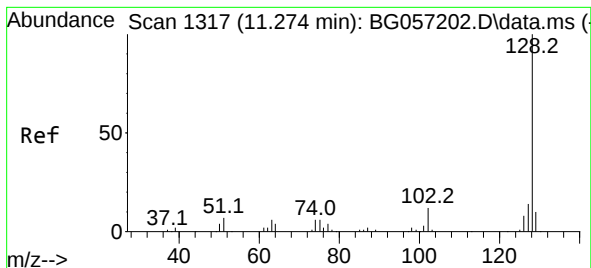
Ion Ratio Lower Upper

180 100

182 99.8 78.0 117.0

145 26.5 22.4 33.6





#31

Naphthalene

Concen: 40.286 ng

RT: 11.250 min Scan# 1184

Delta R.T. 0.004 min

Lab File: BG057495.D

Acq: 22 May 2023 15:53

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

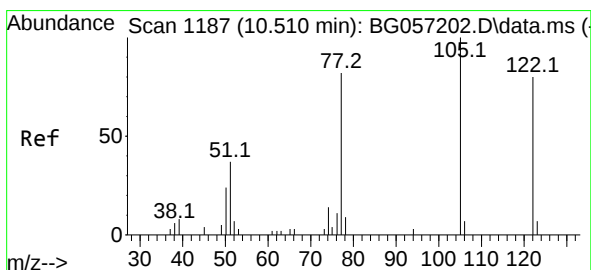
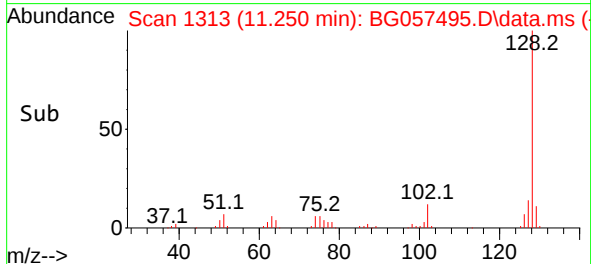
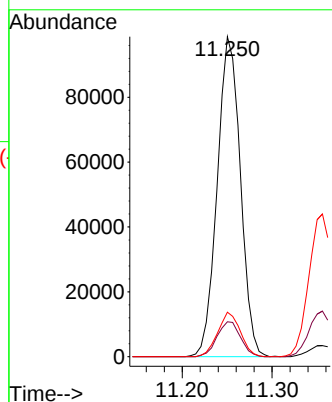
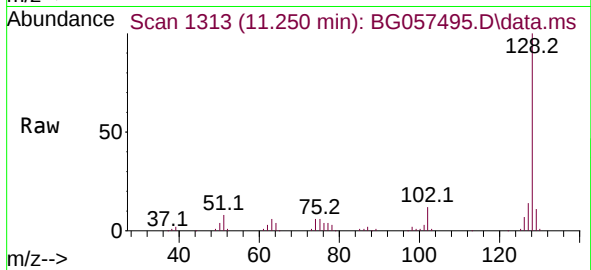
Tgt Ion:128 Resp: 176698

Ion Ratio Lower Upper

128 100

129 10.9 8.3 12.5

127 13.9 11.1 16.7



#32

Benzoic acid

Concen: 40.196 ng

RT: 10.492 min Scan# 1184

Delta R.T. 0.004 min

Lab File: BG057495.D

Acq: 22 May 2023 15:53

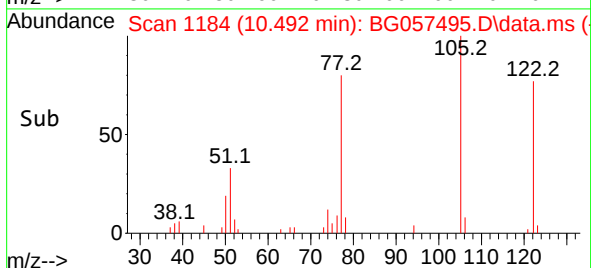
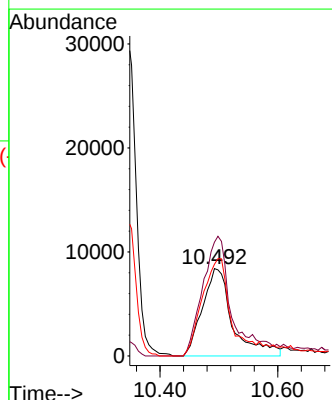
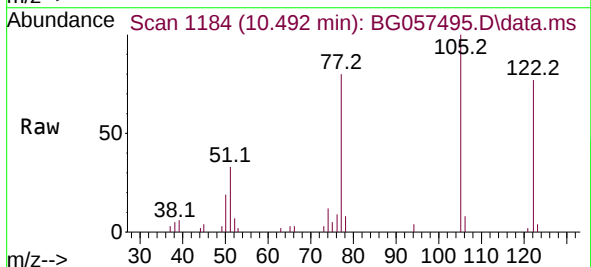
Tgt Ion:122 Resp: 30003

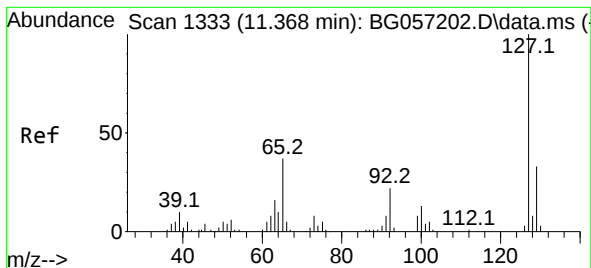
Ion Ratio Lower Upper

122 100

105 130.4 105.2 145.2

77 104.9 83.1 123.1

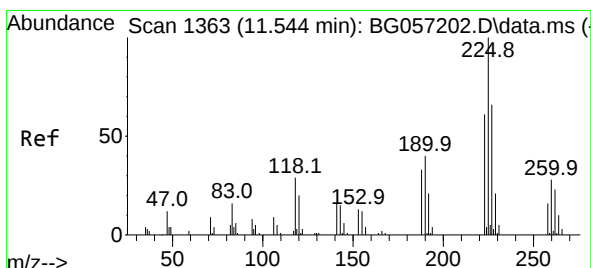
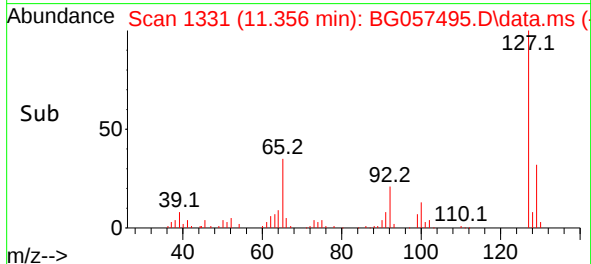
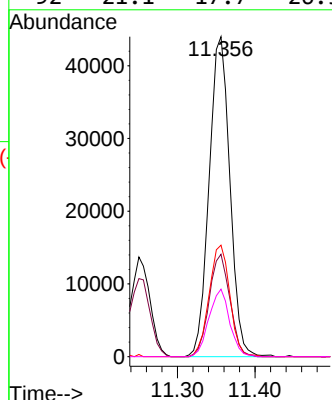
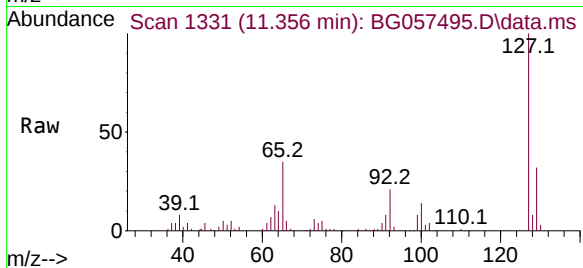




#33  
4-Chloroaniline  
Concen: 41.568 ng  
RT: 11.356 min Scan# 1133  
Delta R.T. 0.004 min  
Lab File: BG057495.D  
Acq: 22 May 2023 15:53

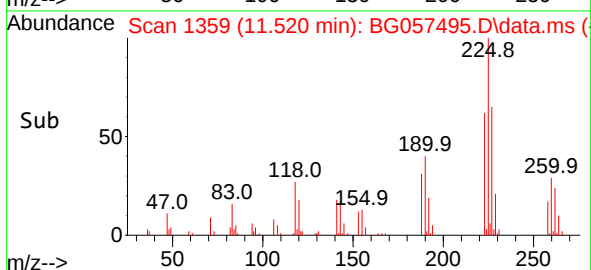
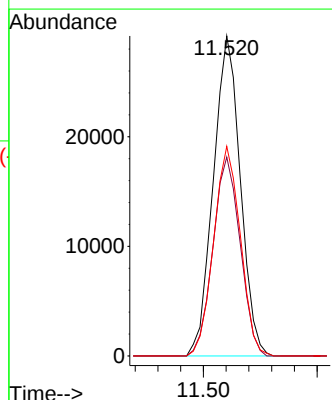
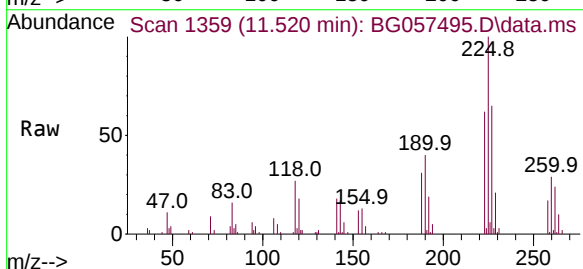
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

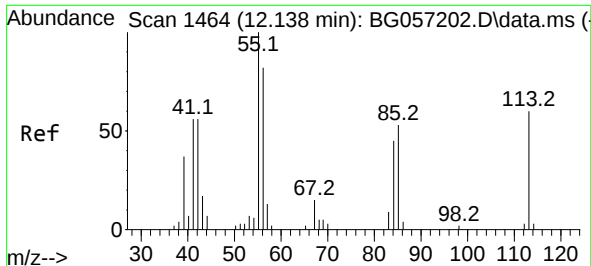
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 127   | Resp: | 81876 |
| Ion      | Ratio | Lower | Upper |
| 127      | 100   |       |       |
| 129      | 32.0  | 26.7  | 40.1  |
| 65       | 34.8  | 29.7  | 44.5  |
| 92       | 21.1  | 17.7  | 26.5  |



#34  
Hexachlorobutadiene  
Concen: 40.115 ng  
RT: 11.520 min Scan# 1359  
Delta R.T. 0.004 min  
Lab File: BG057495.D  
Acq: 22 May 2023 15:53

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 225   | Resp: | 48152 |
| Ion      | Ratio | Lower | Upper |
| 225      | 100   |       |       |
| 223      | 62.1  | 48.6  | 72.8  |
| 227      | 65.5  | 52.7  | 79.1  |

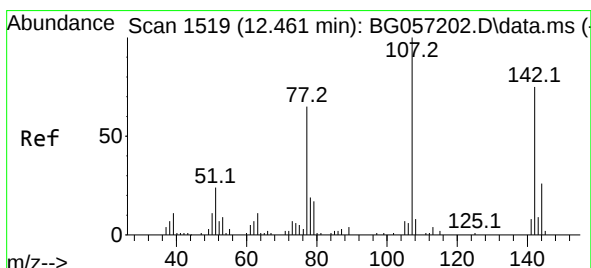
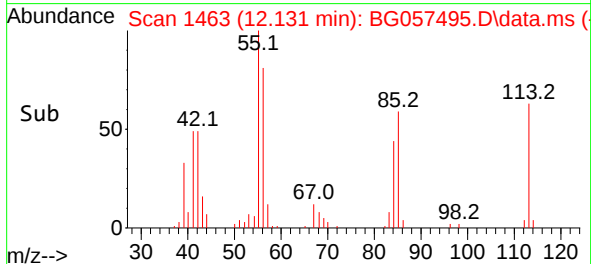
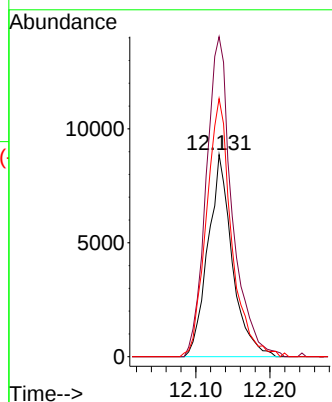
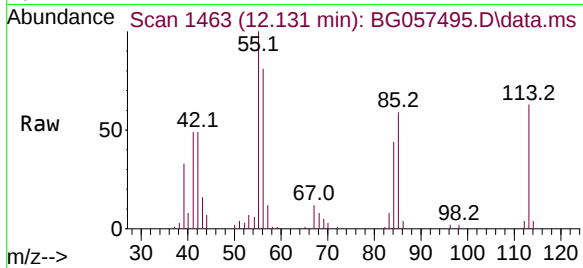




#35  
Caprolactam  
Concen: 42.025 ng  
RT: 12.131 min Scan# 1463  
Delta R.T. 0.010 min  
Lab File: BG057495.D  
Acq: 22 May 2023 15:53

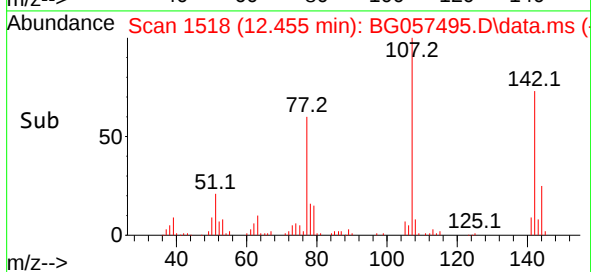
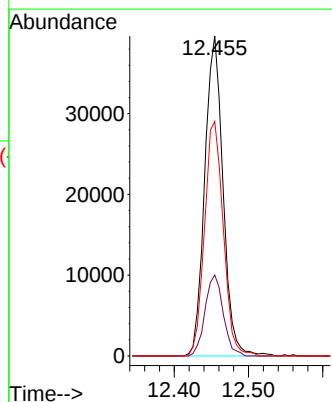
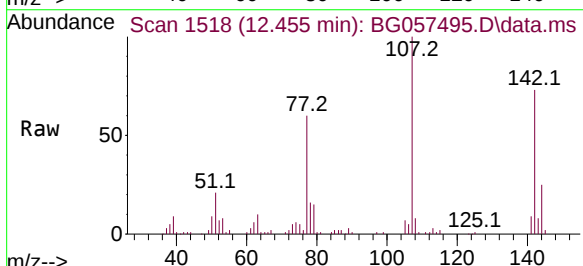
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

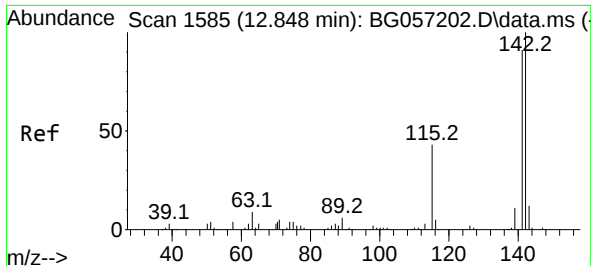
Tgt Ion:113 Resp: 20134  
Ion Ratio Lower Upper  
113 100  
55 158.3 145.5 185.5  
56 127.7 115.9 155.9



#36  
4-Chloro-3-methylphenol  
Concen: 42.558 ng  
RT: 12.455 min Scan# 1518  
Delta R.T. 0.010 min  
Lab File: BG057495.D  
Acq: 22 May 2023 15:53

Tgt Ion:107 Resp: 67832  
Ion Ratio Lower Upper  
107 100  
144 25.3 21.0 31.6  
142 73.3 60.0 90.0

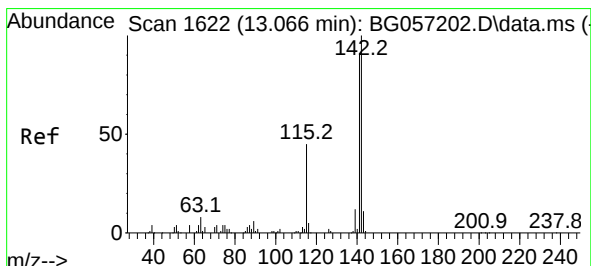
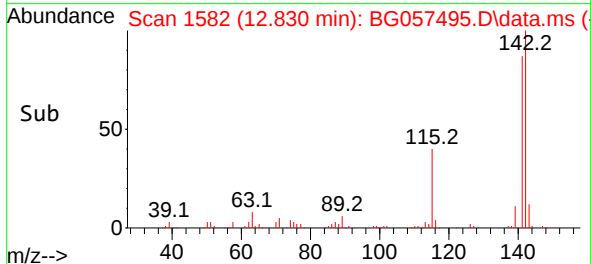
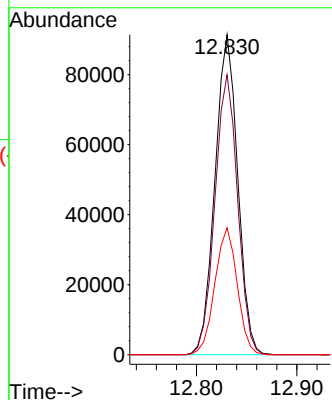
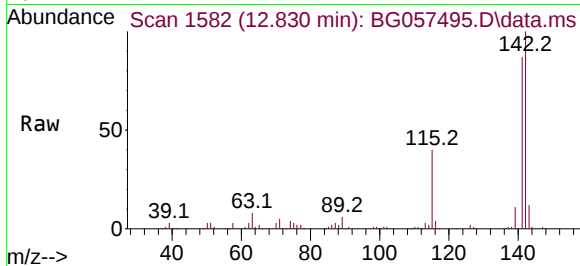




#37  
2-Methylnaphthalene  
Concen: 41.746 ng  
RT: 12.830 min Scan# 1  
Delta R.T. 0.004 min  
Lab File: BG057495.D  
Acq: 22 May 2023 15:53

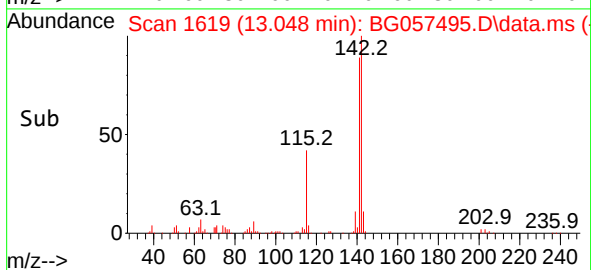
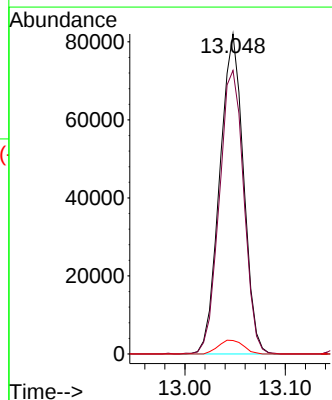
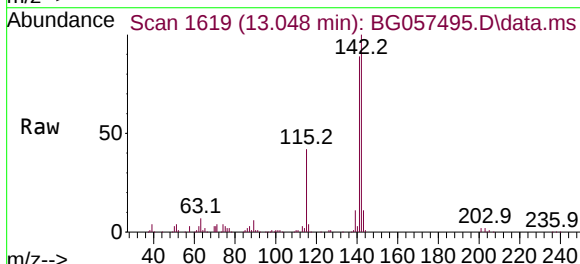
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

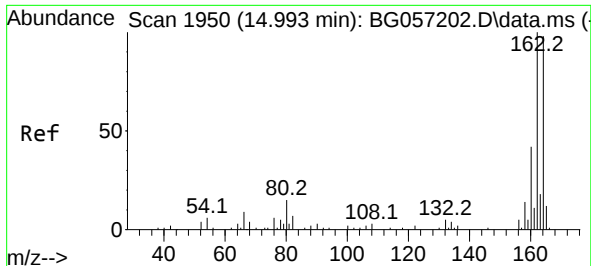
Tgt Ion:142 Resp: 143963  
Ion Ratio Lower Upper  
142 100  
141 87.4 73.1 109.7  
115 39.7 34.6 52.0



#38  
1-Methylnaphthalene  
Concen: 41.330 ng  
RT: 13.048 min Scan# 1619  
Delta R.T. 0.004 min  
Lab File: BG057495.D  
Acq: 22 May 2023 15:53

Tgt Ion:142 Resp: 134341  
Ion Ratio Lower Upper  
142 100  
141 88.6 72.5 108.7  
116 4.2 3.7 5.5

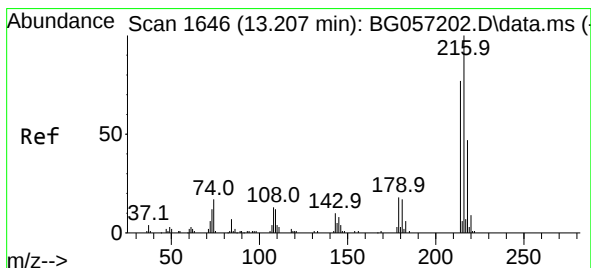
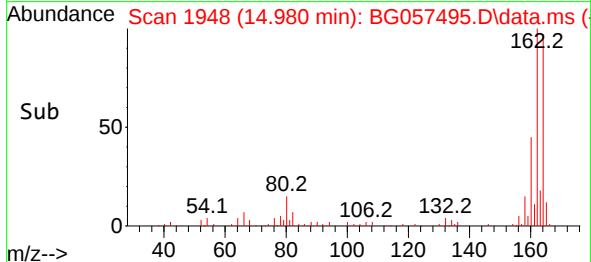
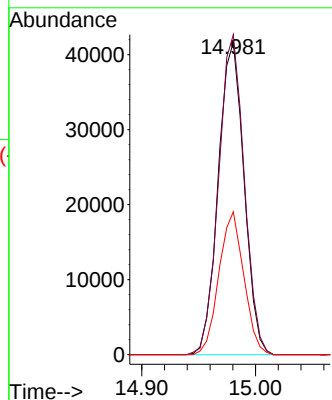
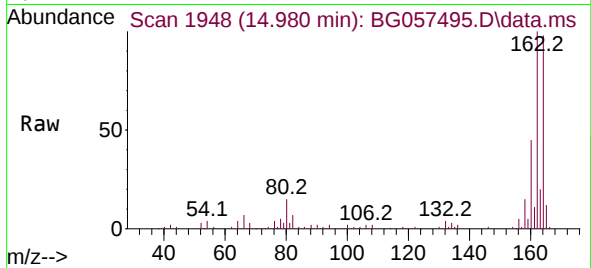




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.980 min Scan# 1950  
Delta R.T. 0.004 min  
Lab File: BG057495.D  
Acq: 22 May 2023 15:53

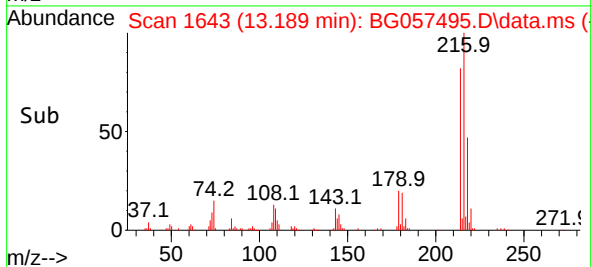
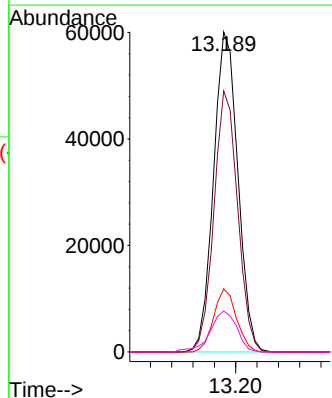
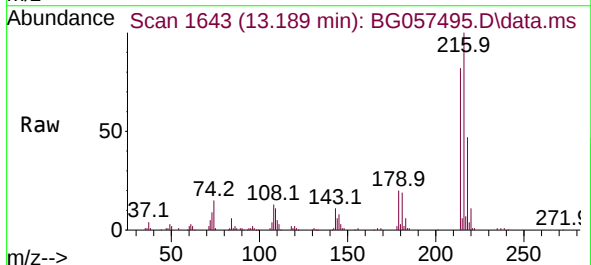
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

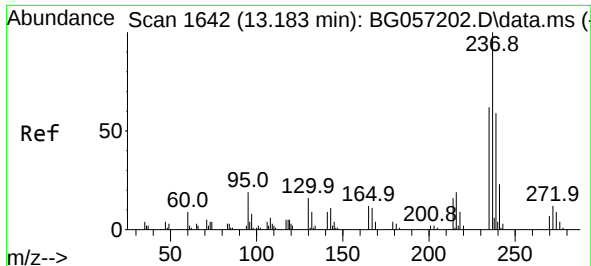
Tgt Ion:164 Resp: 65639  
Ion Ratio Lower Upper  
164 100  
162 102.4 81.8 122.6  
160 45.7 34.6 52.0



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 40.797 ng  
RT: 13.189 min Scan# 1643  
Delta R.T. -0.002 min  
Lab File: BG057495.D  
Acq: 22 May 2023 15:53

Tgt Ion:216 Resp: 95068  
Ion Ratio Lower Upper  
216 100  
214 79.5 63.7 95.5  
179 18.5 14.6 22.0  
108 14.0 12.5 18.7

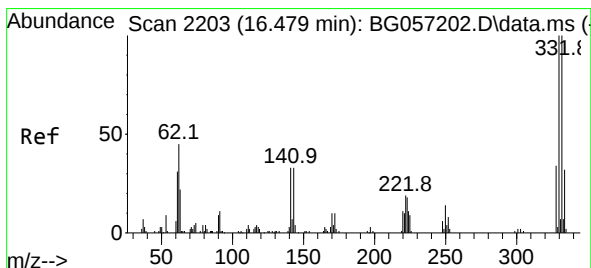
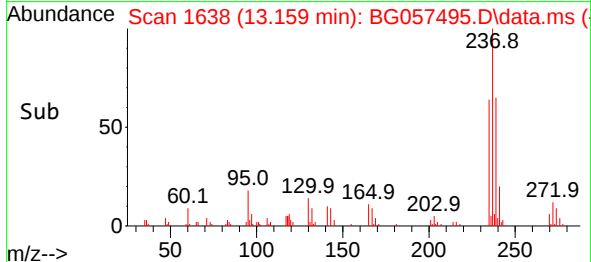
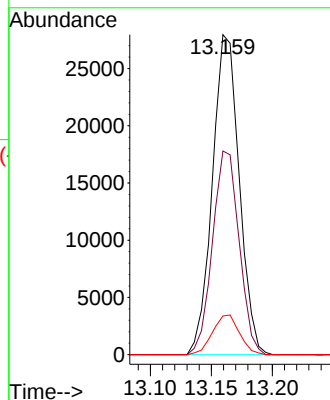
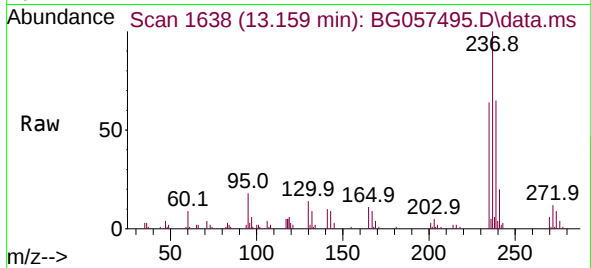




#41  
Hexachlorocyclopentadiene  
Concen: 41.535 ng  
RT: 13.159 min Scan# 1  
Delta R.T. -0.002 min  
Lab File: BG057495.D  
Acq: 22 May 2023 15:53

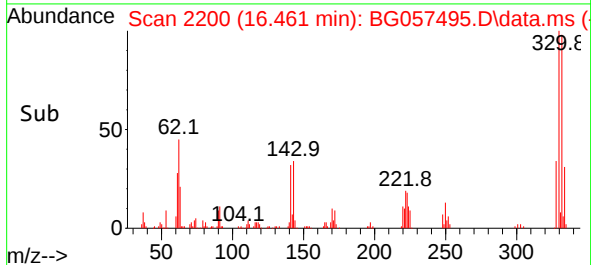
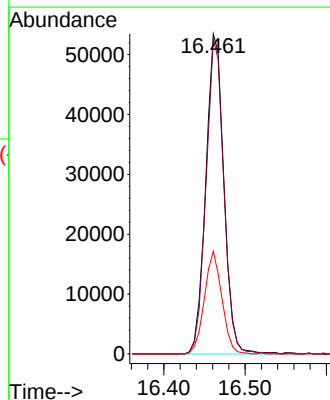
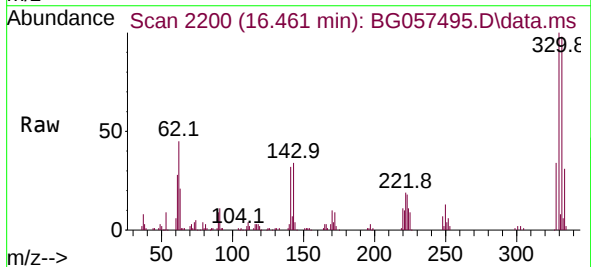
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

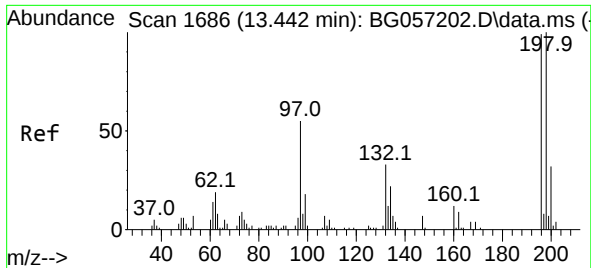
Tgt Ion:237 Resp: 42843  
Ion Ratio Lower Upper  
237 100  
235 63.7 42.0 82.0  
272 12.1 0.0 31.5



#42  
2,4,6-Tribromophenol  
Concen: 88.387 ng  
RT: 16.461 min Scan# 2200  
Delta R.T. 0.004 min  
Lab File: BG057495.D  
Acq: 22 May 2023 15:53

Tgt Ion:330 Resp: 82319  
Ion Ratio Lower Upper  
330 100  
332 96.8 78.2 117.2  
141 31.0 27.8 41.8

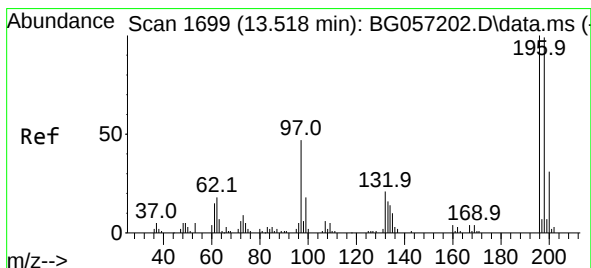
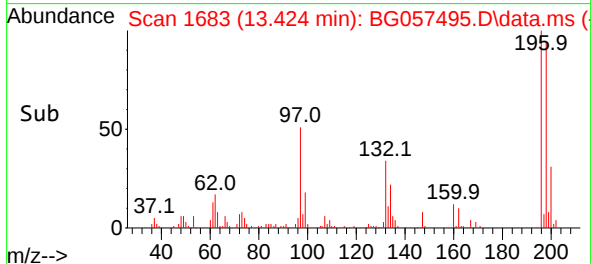
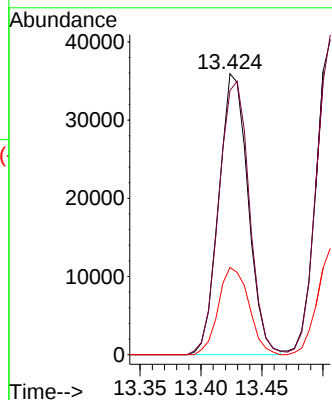
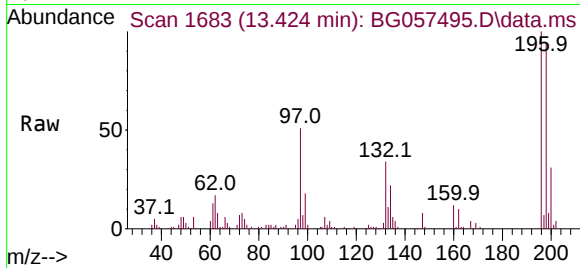




#43  
2,4,6-Trichlorophenol  
Concen: 42.379 ng  
RT: 13.424 min Scan# 1  
Delta R.T. 0.004 min  
Lab File: BG057495.D  
Acq: 22 May 2023 15:53

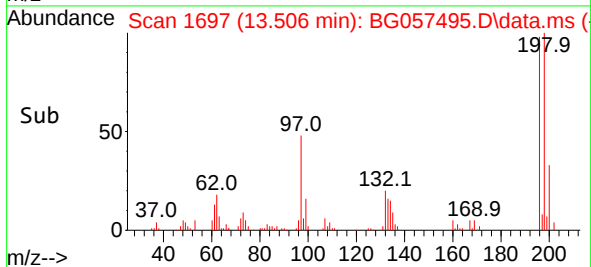
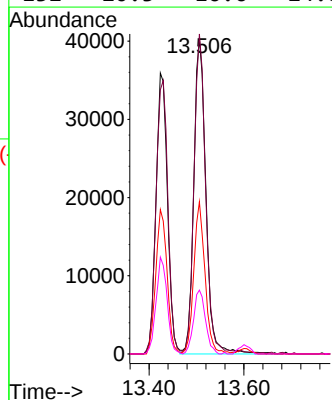
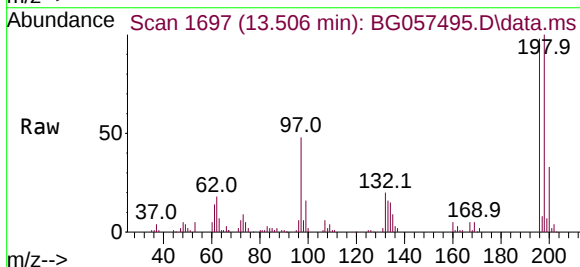
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

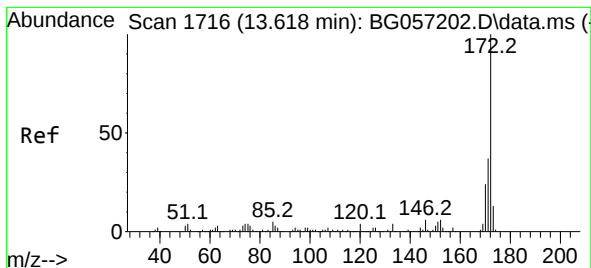
Tgt Ion:196 Resp: 60164  
Ion Ratio Lower Upper  
196 100  
198 94.0 81.2 121.8  
200 31.0 26.3 39.5



#44  
2,4,5-Trichlorophenol  
Concen: 42.982 ng  
RT: 13.506 min Scan# 1697  
Delta R.T. 0.004 min  
Lab File: BG057495.D  
Acq: 22 May 2023 15:53

Tgt Ion:196 Resp: 71778  
Ion Ratio Lower Upper  
196 100  
198 101.5 79.4 119.2  
97 48.3 37.0 55.4  
132 20.3 16.6 24.8





#45

2-Fluorobiphenyl

Concen: 80.311 ng

RT: 13.600 min Scan# 11

Delta R.T. -0.002 min

Lab File: BG057495.D

Acq: 22 May 2023 15:53

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

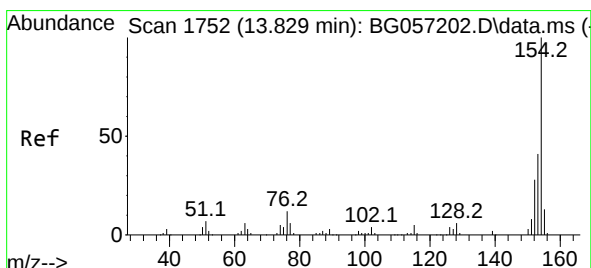
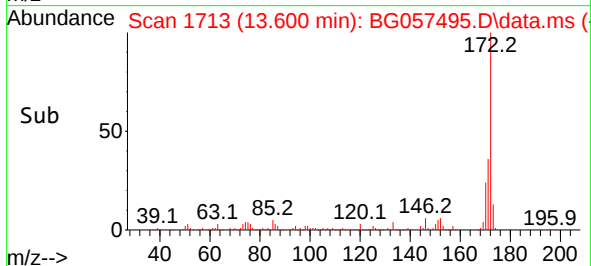
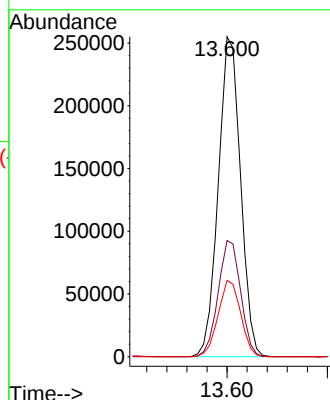
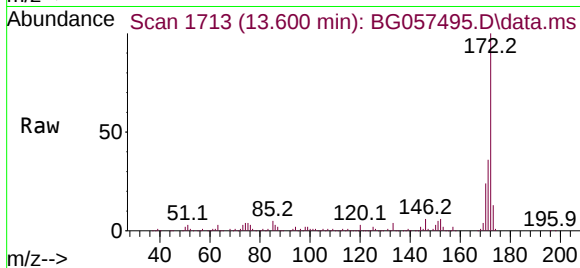
Tgt Ion:172 Resp: 391412

Ion Ratio Lower Upper

172 100

171 36.3 29.4 44.0

170 23.9 19.0 28.6



#46

1,1'-Biphenyl

Concen: 40.227 ng

RT: 13.812 min Scan# 1749

Delta R.T. -0.002 min

Lab File: BG057495.D

Acq: 22 May 2023 15:53

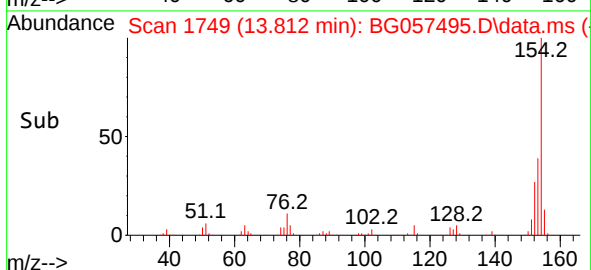
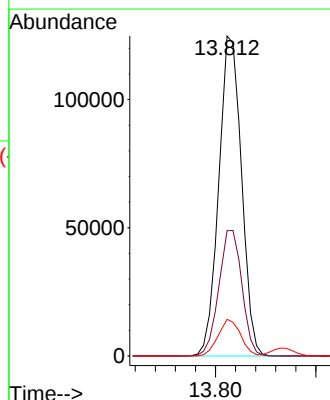
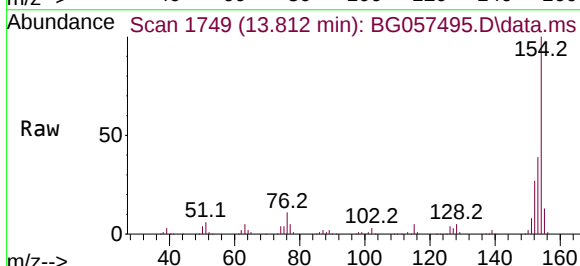
Tgt Ion:154 Resp: 195933

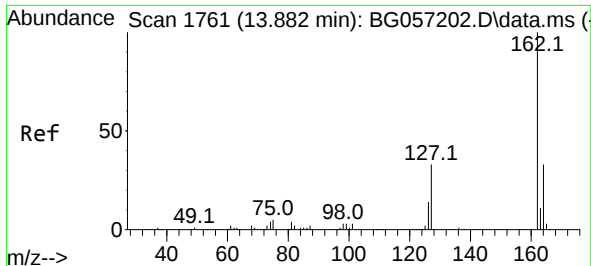
Ion Ratio Lower Upper

154 100

153 39.2 20.9 60.9

76 11.5 0.0 31.7





#47

2-Chloronaphthalene

Concen: 40.421 ng

RT: 13.870 min Scan# 1

Delta R.T. 0.004 min

Lab File: BG057495.D

Acq: 22 May 2023 15:53

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

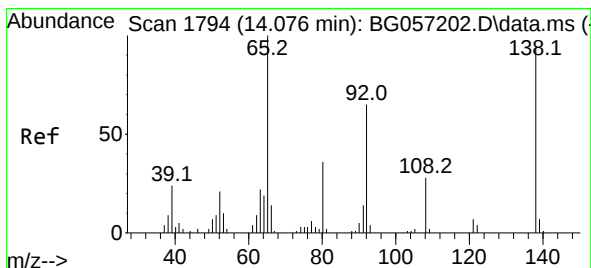
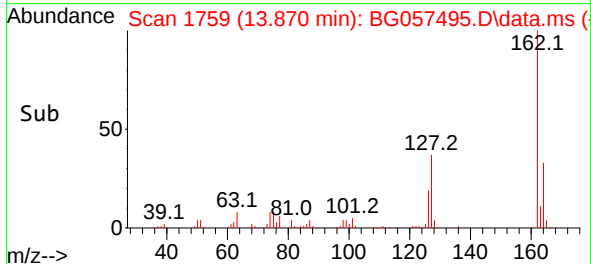
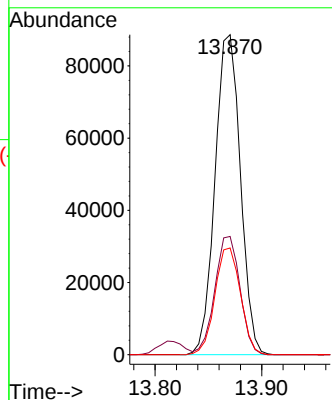
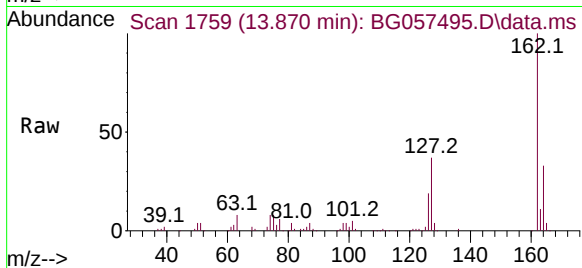
Tgt Ion:162 Resp: 146404

Ion Ratio Lower Upper

162 100

127 36.9 29.8 44.6

164 33.4 26.6 40.0



#48

2-Nitroaniline

Concen: 40.478 ng

RT: 14.064 min Scan# 1792

Delta R.T. 0.004 min

Lab File: BG057495.D

Acq: 22 May 2023 15:53

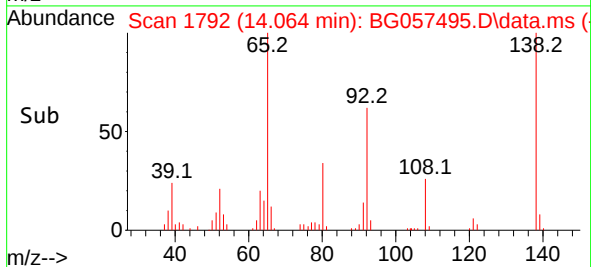
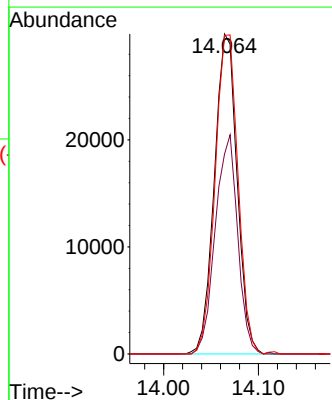
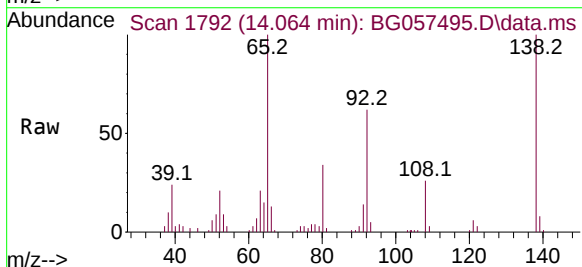
Tgt Ion: 65 Resp: 49850

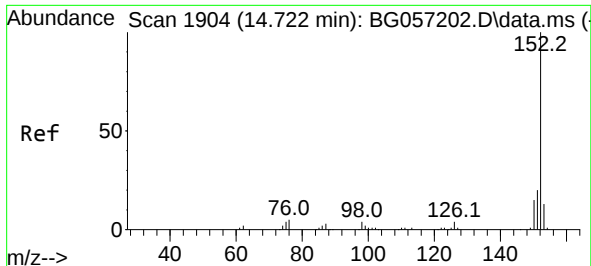
Ion Ratio Lower Upper

65 100

92 62.5 52.1 78.1

138 99.5 75.3 112.9





#49

Acenaphthylene

Concen: 40.679 ng

RT: 14.704 min Scan# 1904

Delta R.T. 0.004 min

Lab File: BG057495.D

Acq: 22 May 2023 15:53

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

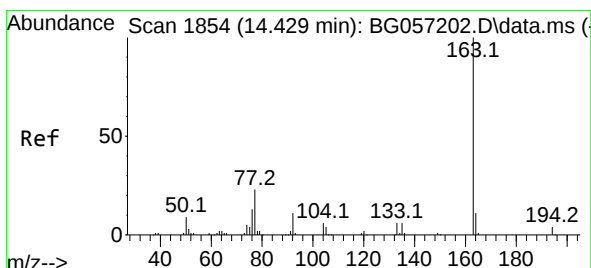
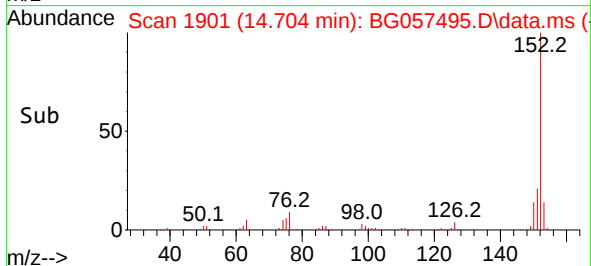
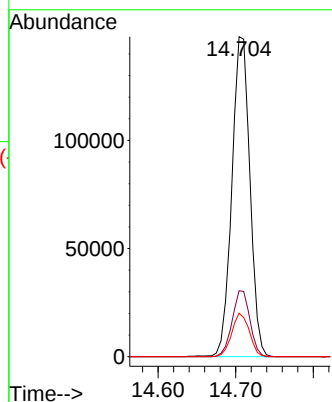
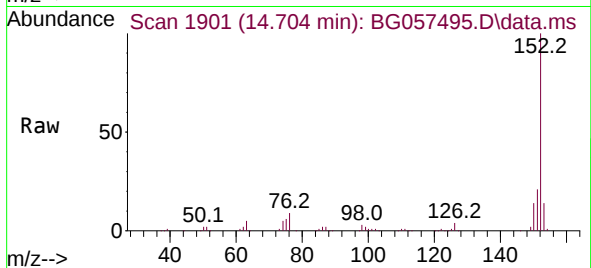
Tgt Ion:152 Resp: 239366

Ion Ratio Lower Upper

152 100

151 20.6 16.0 24.0

153 13.6 10.7 16.1



#50

Dimethylphthalate

Concen: 38.668 ng

RT: 14.417 min Scan# 1852

Delta R.T. 0.004 min

Lab File: BG057495.D

Acq: 22 May 2023 15:53

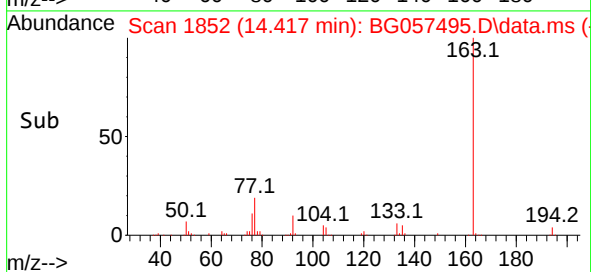
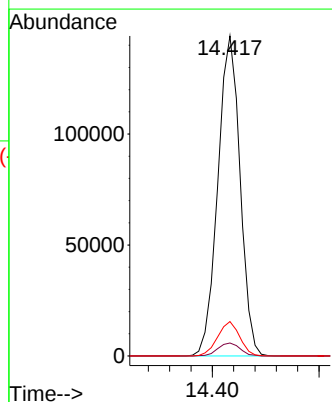
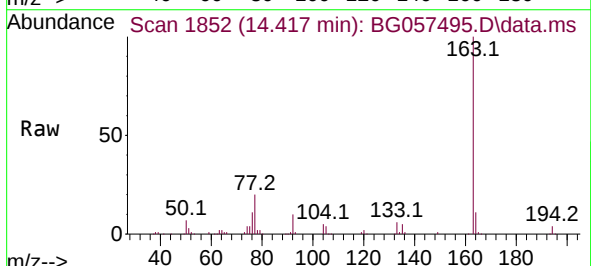
Tgt Ion:163 Resp: 208570

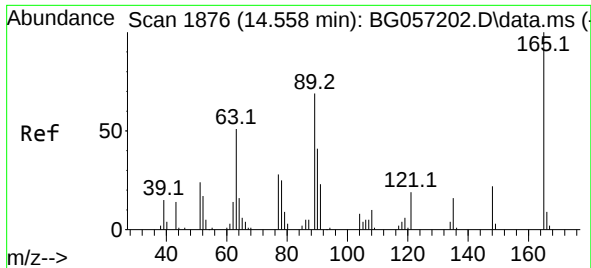
Ion Ratio Lower Upper

163 100

194 4.1 3.4 5.2

164 10.7 8.8 13.2

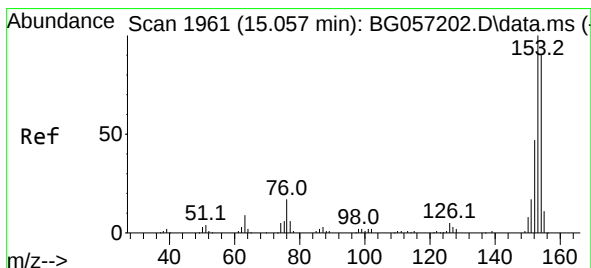
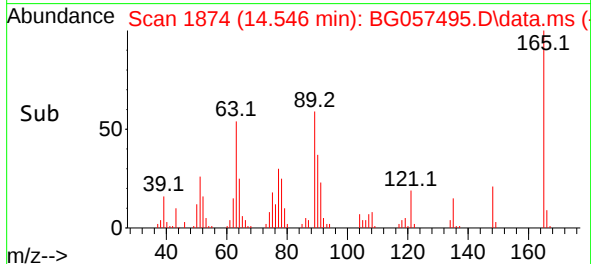
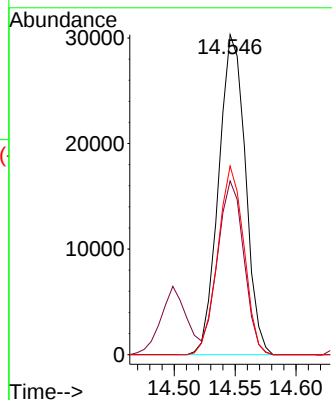
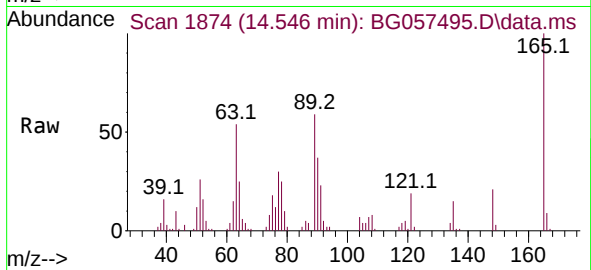




#51  
2,6-Dinitrotoluene  
Concen: 42.055 ng  
RT: 14.546 min Scan# 11  
Delta R.T. 0.004 min  
Lab File: BG057495.D  
Acq: 22 May 2023 15:53

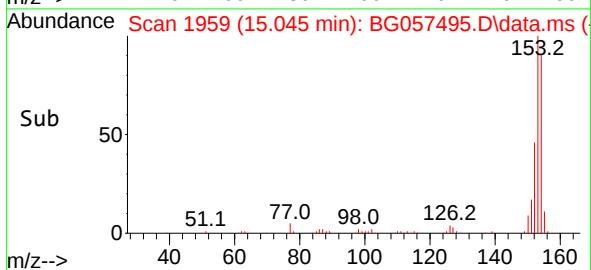
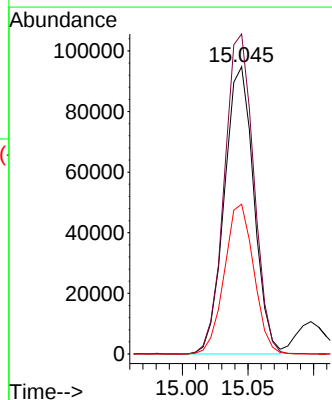
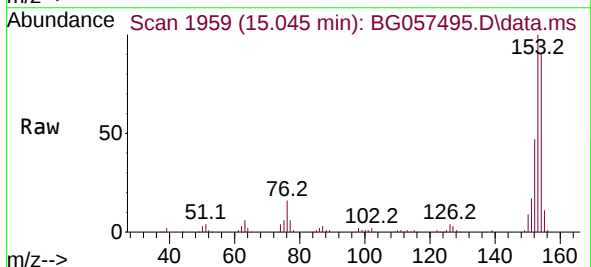
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

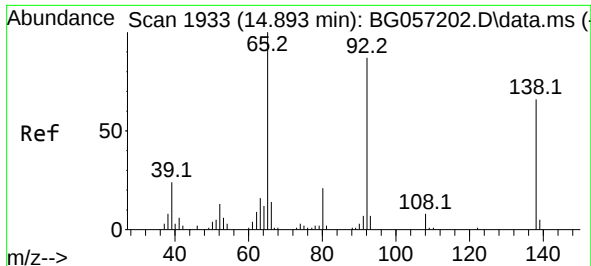
Tgt Ion:165 Resp: 46315  
Ion Ratio Lower Upper  
165 100  
63 54.3 50.9 76.3  
89 58.9 55.2 82.8



#52  
Acenaphthene  
Concen: 40.220 ng  
RT: 15.045 min Scan# 1959  
Delta R.T. 0.010 min  
Lab File: BG057495.D  
Acq: 22 May 2023 15:53

Tgt Ion:154 Resp: 147888  
Ion Ratio Lower Upper  
154 100  
153 111.4 89.3 133.9  
152 52.1 41.7 62.5

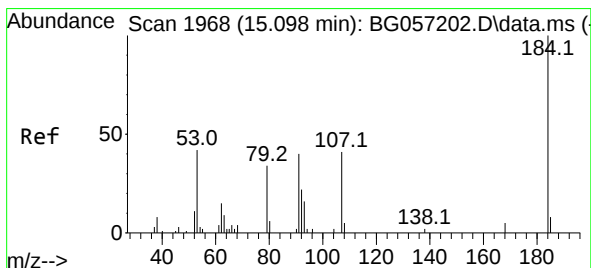
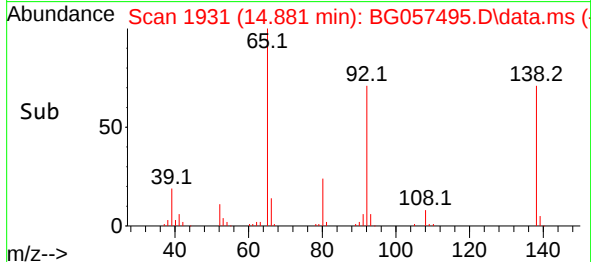
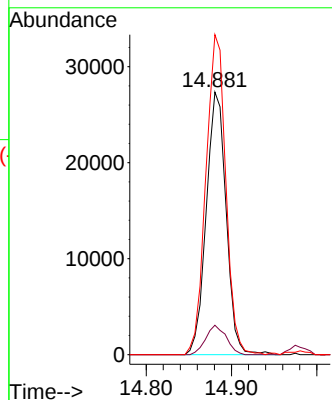
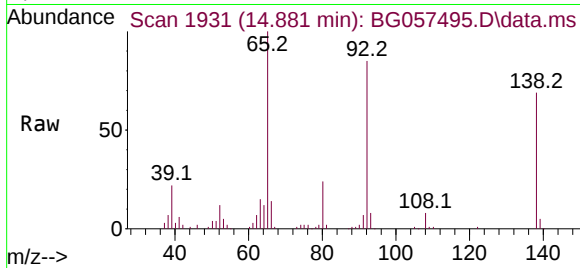




#53  
3-Nitroaniline  
Concen: 40.144 ng  
RT: 14.881 min Scan# 1931  
Delta R.T. 0.004 min  
Lab File: BG057495.D  
Acq: 22 May 2023 15:53

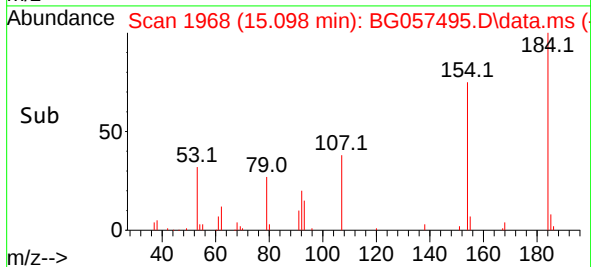
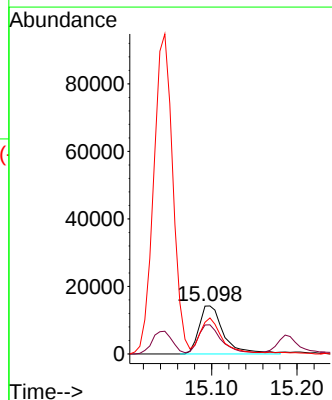
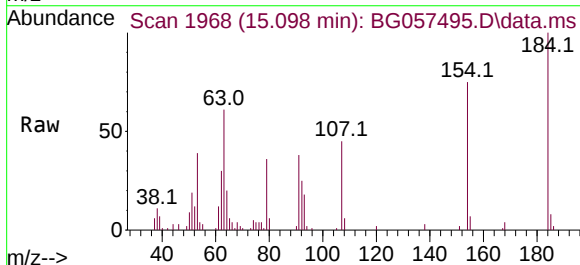
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

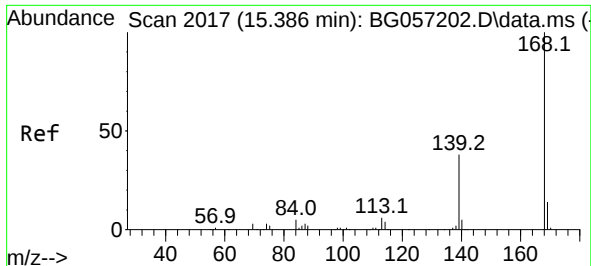
Tgt Ion:138 Resp: 44291  
Ion Ratio Lower Upper  
138 100  
108 11.2 9.5 14.3  
92 121.9 106.2 159.4



#54  
2,4-Dinitrophenol  
Concen: 44.223 ng  
RT: 15.098 min Scan# 1968  
Delta R.T. 0.010 min  
Lab File: BG057495.D  
Acq: 22 May 2023 15:53

Tgt Ion:184 Resp: 28563  
Ion Ratio Lower Upper  
184 100  
63 60.7 48.2 72.4  
154 75.0 55.4 83.2

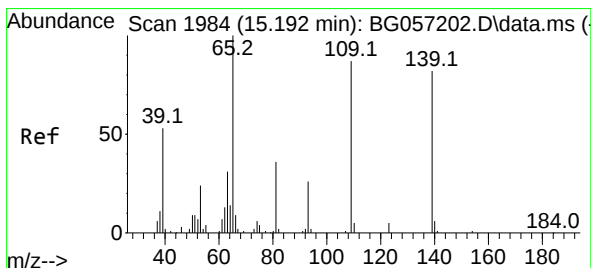
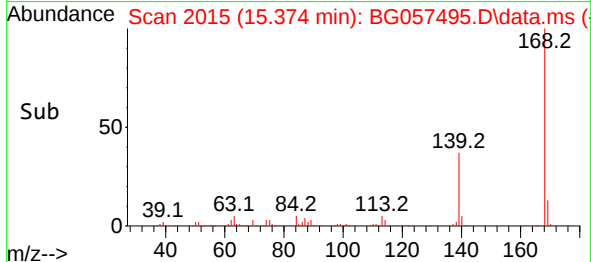
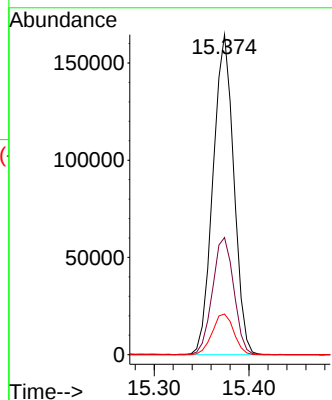
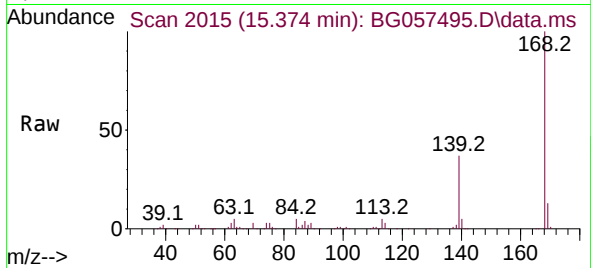




#55  
Dibenzofuran  
Concen: 40.468 ng  
RT: 15.374 min Scan# 2017  
Delta R.T. 0.004 min  
Lab File: BG057495.D  
Acq: 22 May 2023 15:53

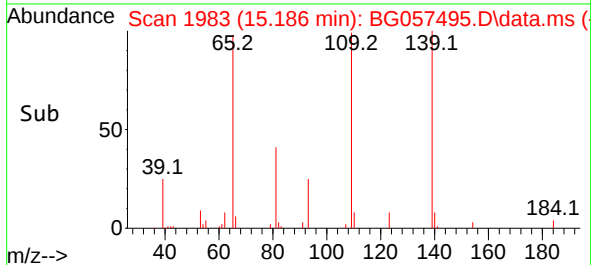
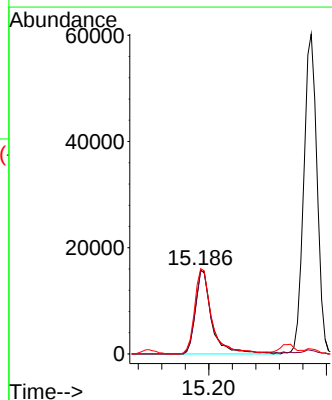
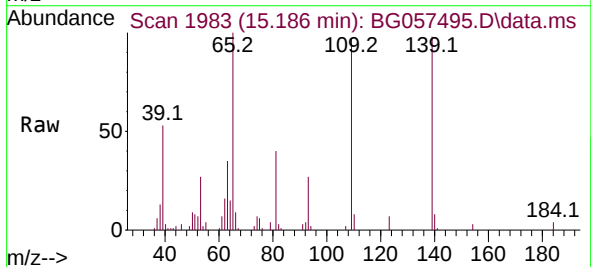
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

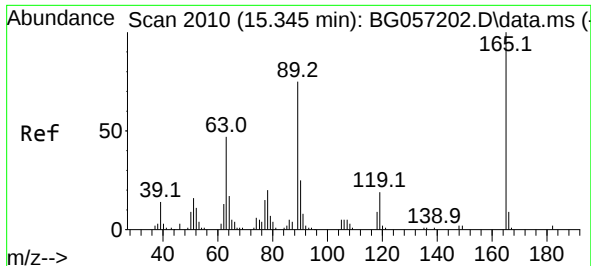
Tgt Ion:168 Resp: 250010  
Ion Ratio Lower Upper  
168 100  
139 36.6 30.7 46.1  
169 12.7 10.9 16.3



#56  
4-Nitrophenol  
Concen: 41.032 ng  
RT: 15.186 min Scan# 1983  
Delta R.T. 0.004 min  
Lab File: BG057495.D  
Acq: 22 May 2023 15:53

Tgt Ion:139 Resp: 30109  
Ion Ratio Lower Upper  
139 100  
109 98.7 86.6 126.6  
65 101.6 102.6 142.6#





#57

2,4-Dinitrotoluene

Concen: 41.888 ng

RT: 15.333 min Scan# 2010

Delta R.T. 0.004 min

Lab File: BG057495.D

Acq: 22 May 2023 15:53

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

Tgt Ion:165 Resp: 65930

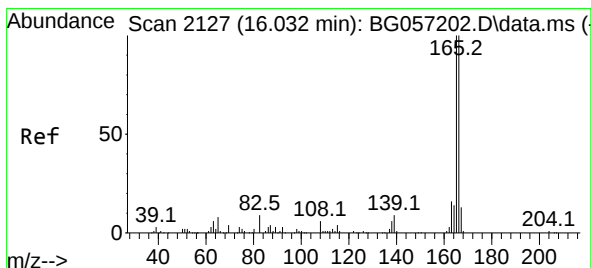
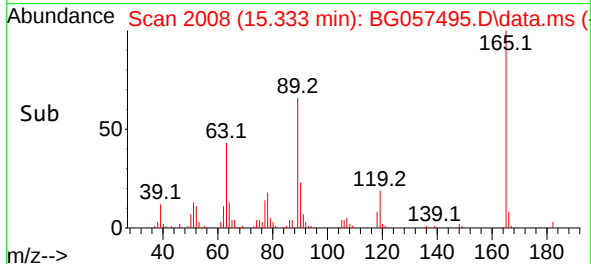
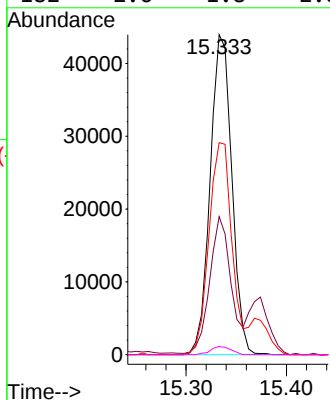
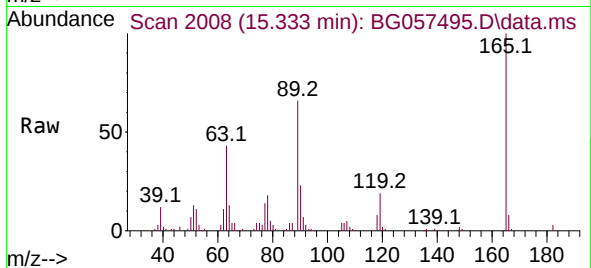
Ion Ratio Lower Upper

165 100

63 43.2 37.5 56.3

89 66.2 60.2 90.4

182 2.6 1.8 2.8



#58

Fluorene

Concen: 40.221 ng

RT: 16.020 min Scan# 2125

Delta R.T. 0.004 min

Lab File: BG057495.D

Acq: 22 May 2023 15:53

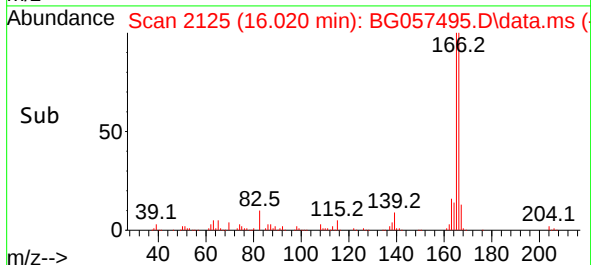
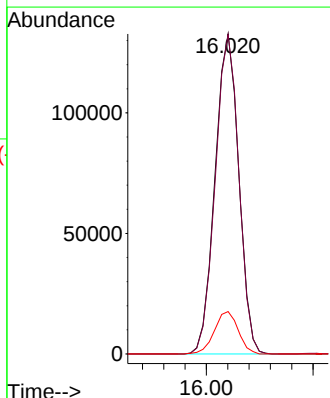
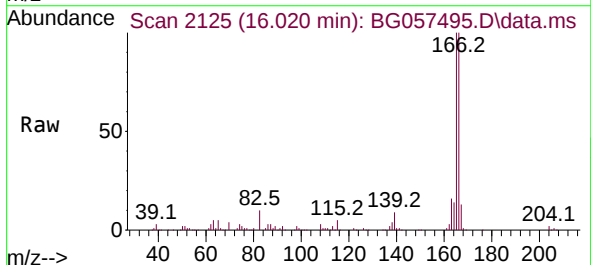
Tgt Ion:166 Resp: 204676

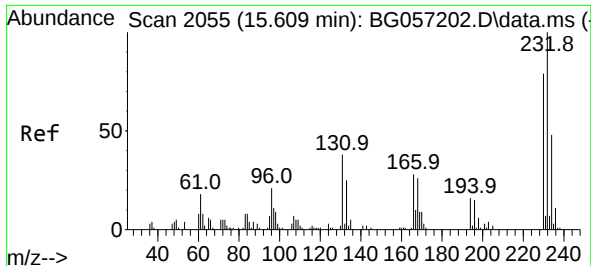
Ion Ratio Lower Upper

166 100

165 99.8 80.1 120.1

167 13.3 10.2 15.2

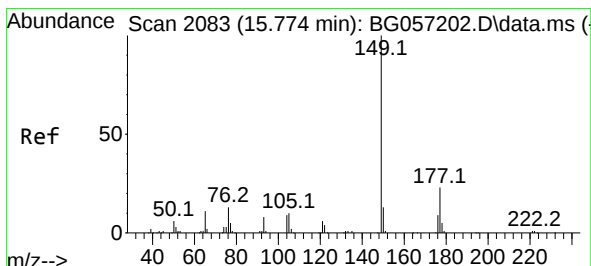
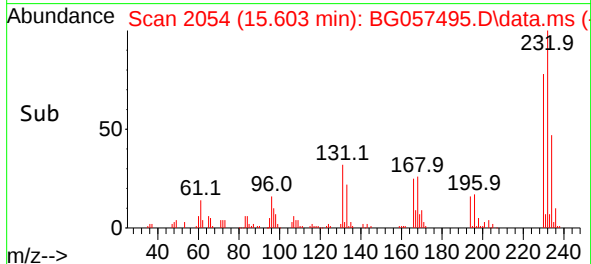
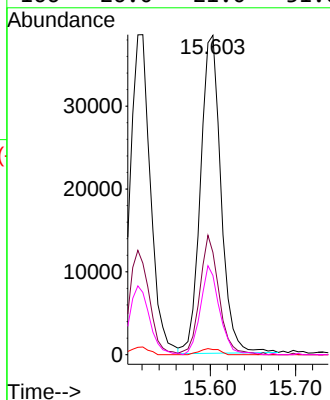
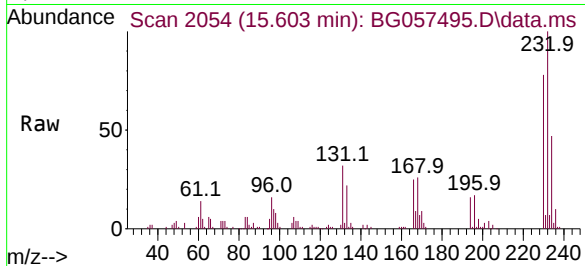




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 42.252 ng  
RT: 15.603 min Scan# 2054  
Delta R.T. 0.010 min  
Lab File: BG057495.D  
Acq: 22 May 2023 15:53

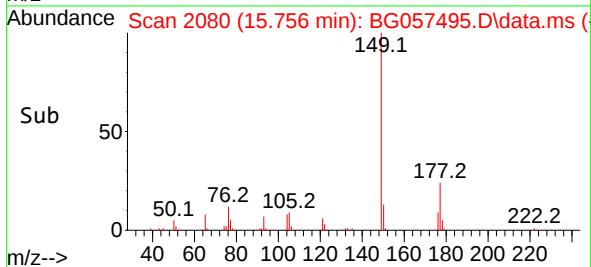
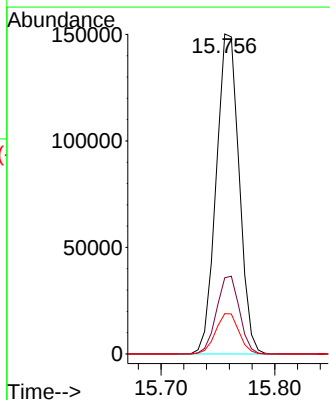
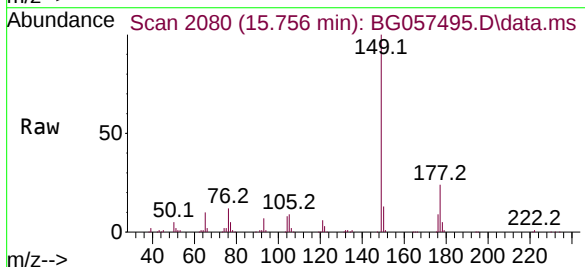
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

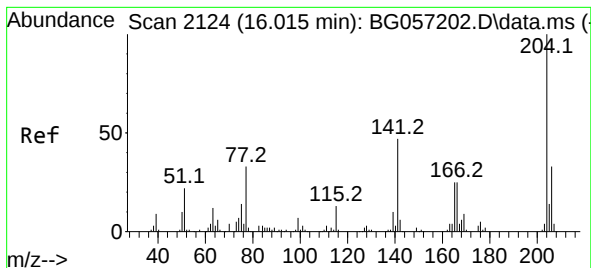
Tgt Ion:232 Resp: 63970  
Ion Ratio Lower Upper  
232 100  
131 35.1 28.6 42.8  
130 1.8 1.6 2.4  
166 26.0 21.0 31.6



#60  
Diethylphthalate  
Concen: 38.383 ng  
RT: 15.756 min Scan# 2080  
Delta R.T. 0.004 min  
Lab File: BG057495.D  
Acq: 22 May 2023 15:53

Tgt Ion:149 Resp: 210254  
Ion Ratio Lower Upper  
149 100  
177 23.8 18.3 27.5  
150 12.6 10.1 15.1

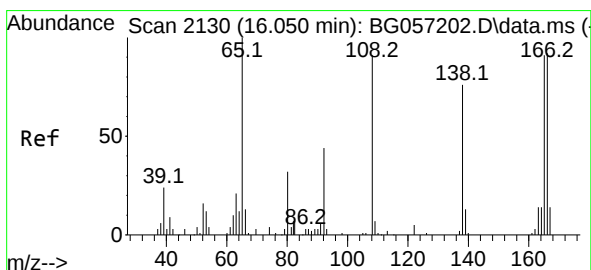
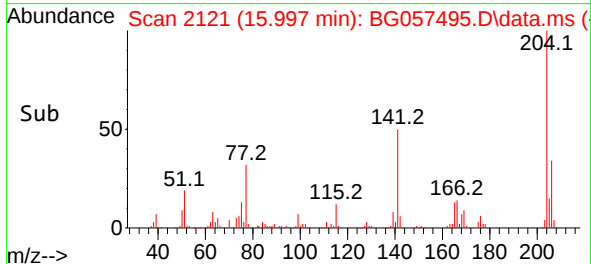
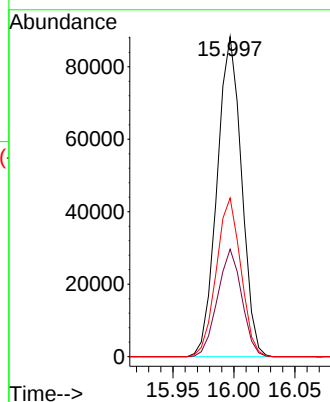
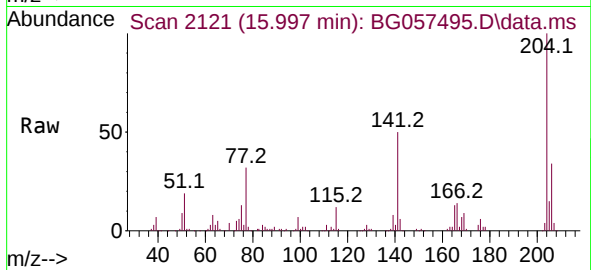




#61  
4-Chlorophenyl-phenylether  
Concen: 40.241 ng  
RT: 15.997 min Scan# 2124  
Delta R.T. 0.004 min  
Lab File: BG057495.D  
Acq: 22 May 2023 15:53

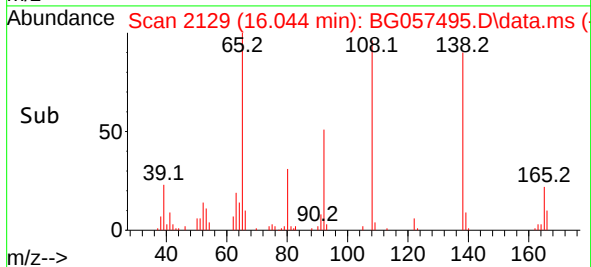
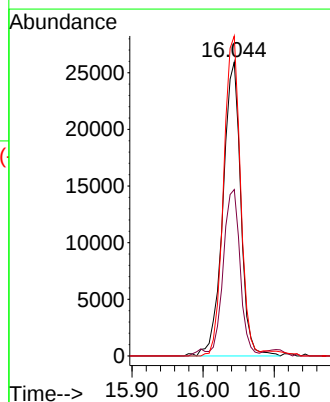
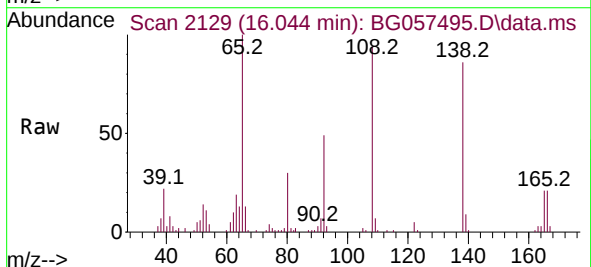
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

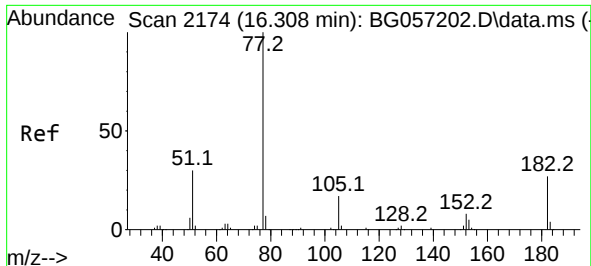
Tgt Ion:204 Resp: 123362  
Ion Ratio Lower Upper  
204 100  
206 33.6 26.5 39.7  
141 49.6 37.4 56.0



#62  
4-Nitroaniline  
Concen: 40.567 ng  
RT: 16.044 min Scan# 2129  
Delta R.T. 0.010 min  
Lab File: BG057495.D  
Acq: 22 May 2023 15:53

Tgt Ion:138 Resp: 45153  
Ion Ratio Lower Upper  
138 100  
92 56.6 38.2 78.2  
108 108.8 99.6 139.6

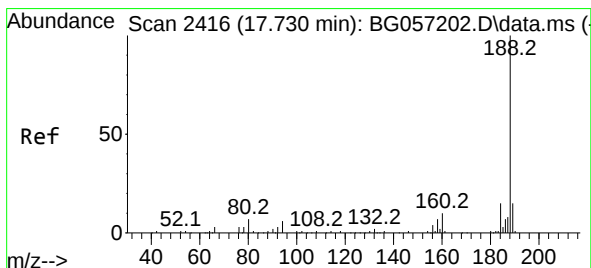
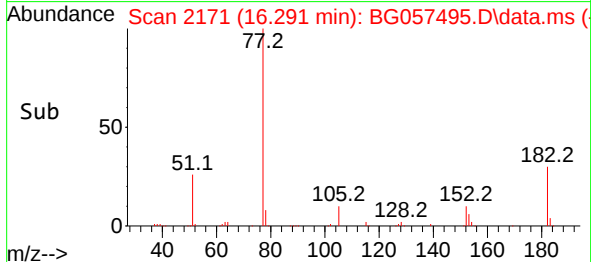
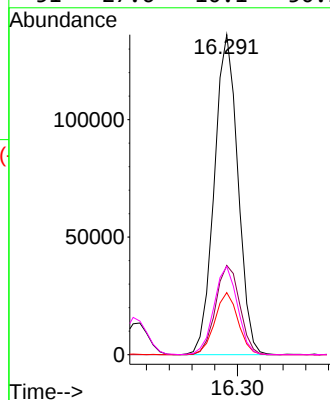
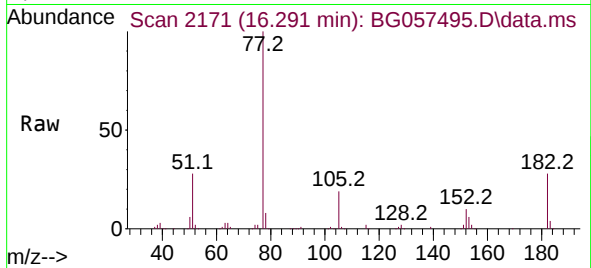




#63  
Azobenzene  
Concen: 37.087 ng  
RT: 16.291 min Scan# 2174  
Delta R.T. 0.004 min  
Lab File: BG057495.D  
Acq: 22 May 2023 15:53

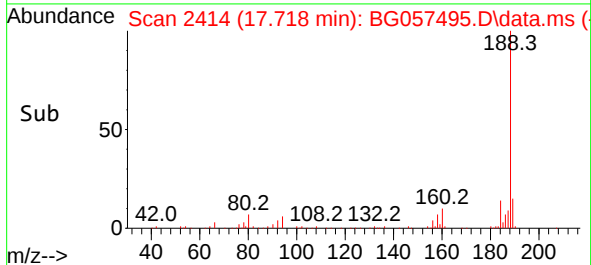
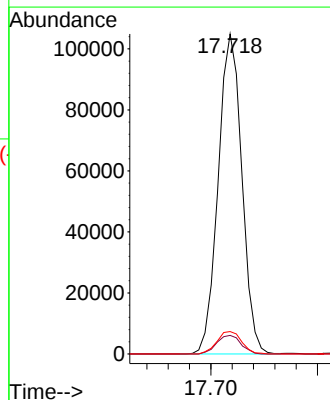
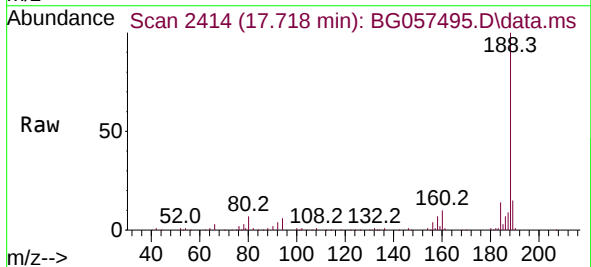
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

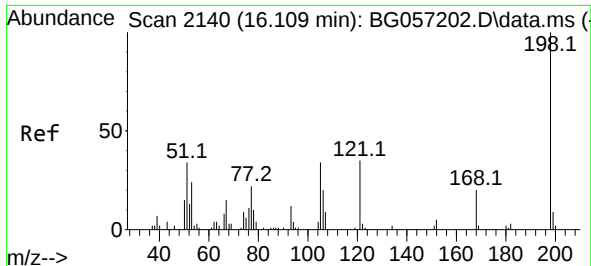
|             |              |
|-------------|--------------|
| Tgt Ion: 77 | Resp: 196012 |
| Ion Ratio   | Lower Upper  |
| 77 100      |              |
| 182 27.9    | 7.4 47.4     |
| 105 19.4    | 0.0 37.2     |
| 51 27.6     | 10.1 50.1    |



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.718 min Scan# 2414  
Delta R.T. 0.004 min  
Lab File: BG057495.D  
Acq: 22 May 2023 15:53

|             |              |
|-------------|--------------|
| Tgt Ion:188 | Resp: 161427 |
| Ion Ratio   | Lower Upper  |
| 188 100     |              |
| 94 5.8      | 5.1 7.7      |
| 80 7.0      | 5.7 8.5      |

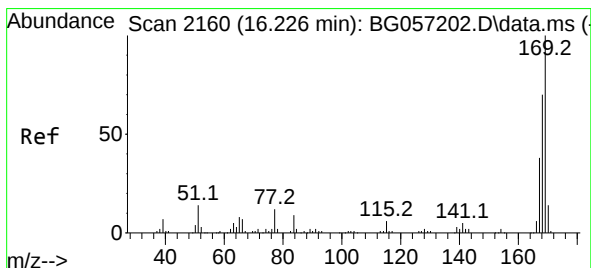
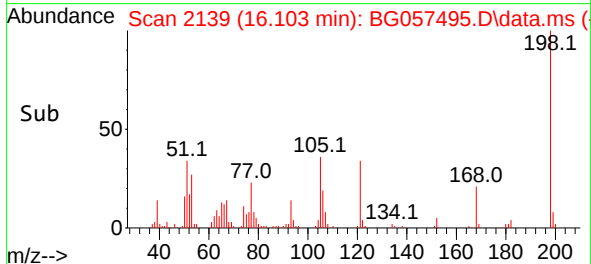
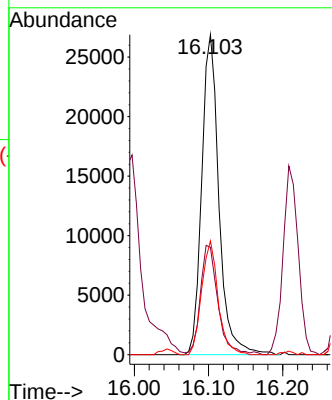
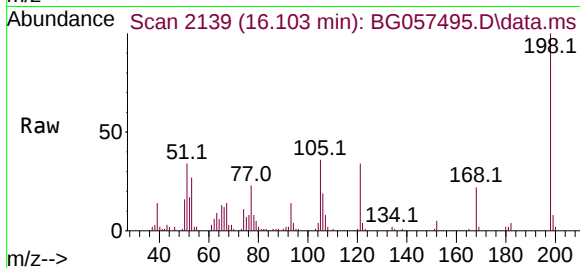




#65  
4,6-Dinitro-2-methylphenol  
Concen: 45.009 ng  
RT: 16.103 min Scan# 2140  
Delta R.T. 0.010 min  
Lab File: BG057495.D  
Acq: 22 May 2023 15:53

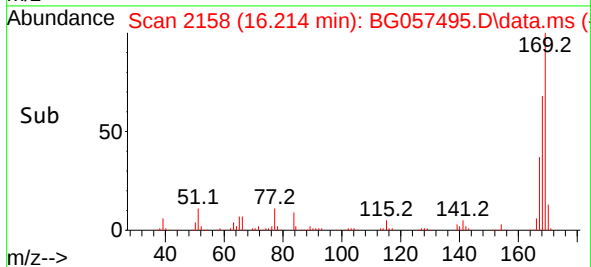
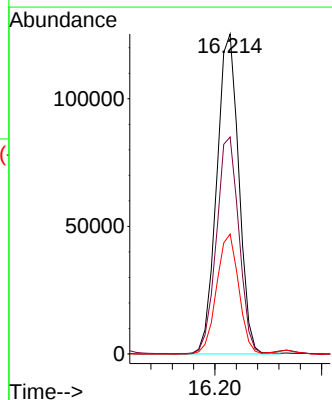
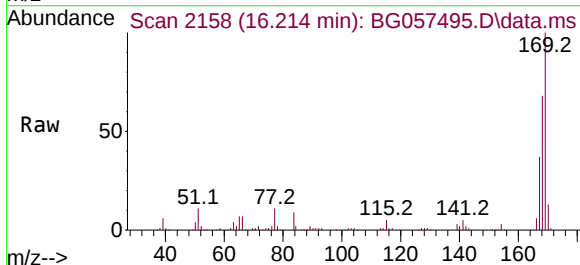
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

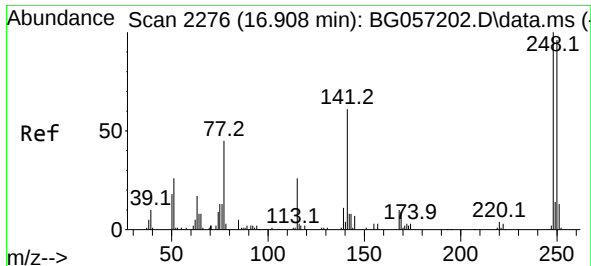
Tgt Ion:198 Resp: 43379  
Ion Ratio Lower Upper  
198 100  
51 33.6 16.1 56.1  
105 35.6 14.0 54.0



#66  
n-Nitrosodiphenylamine  
Concen: 40.997 ng  
RT: 16.214 min Scan# 2158  
Delta R.T. 0.004 min  
Lab File: BG057495.D  
Acq: 22 May 2023 15:53

Tgt Ion:169 Resp: 179744  
Ion Ratio Lower Upper  
169 100  
168 67.8 56.2 84.4  
167 37.5 30.2 45.4

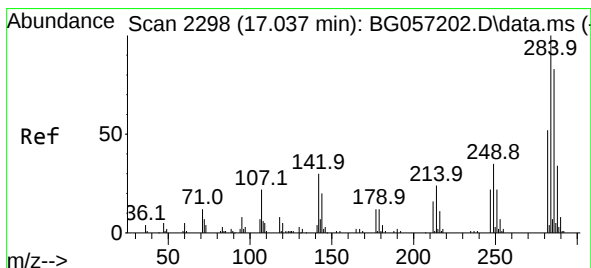
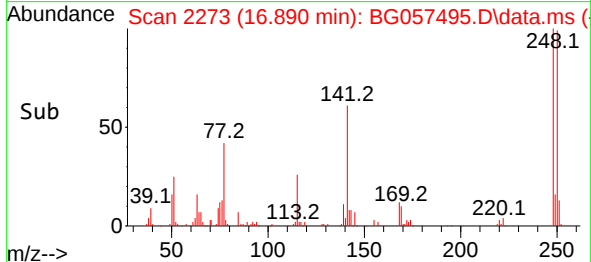
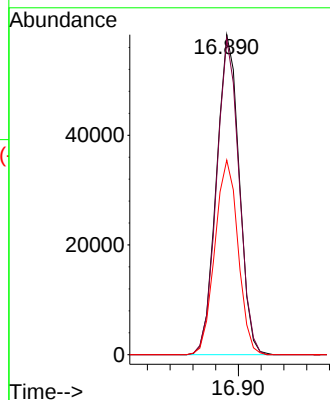
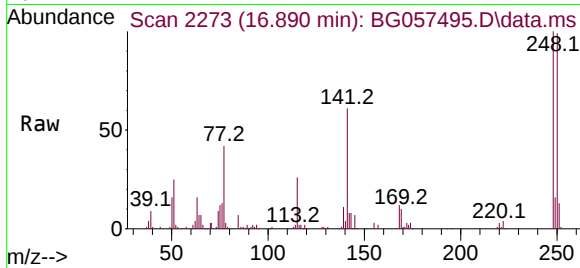




#67  
4-Bromophenyl-phenylether  
Concen: 41.100 ng  
RT: 16.890 min Scan# 21  
Delta R.T. 0.004 min  
Lab File: BG057495.D  
Acq: 22 May 2023 15:53

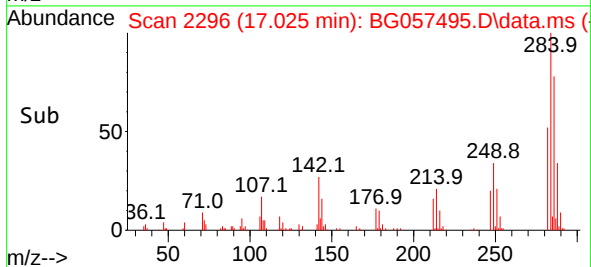
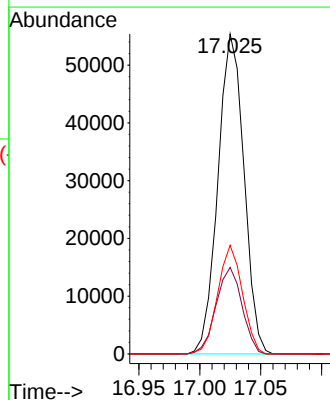
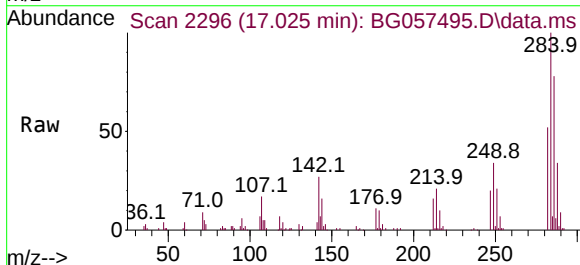
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

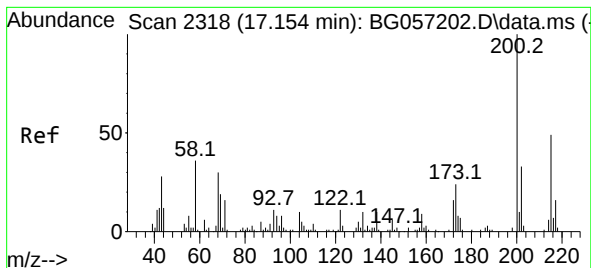
Tgt Ion:248 Resp: 80992  
Ion Ratio Lower Upper  
248 100  
250 98.7 77.0 115.6  
141 60.8 48.6 72.8



#68  
Hexachlorobenzene  
Concen: 42.963 ng  
RT: 17.025 min Scan# 2296  
Delta R.T. 0.004 min  
Lab File: BG057495.D  
Acq: 22 May 2023 15:53

Tgt Ion:284 Resp: 82275  
Ion Ratio Lower Upper  
284 100  
142 27.0 23.9 35.9  
249 34.0 27.7 41.5





#69

Atrazine

Concen: 41.328 ng

RT: 17.142 min Scan# 21

Delta R.T. 0.004 min

Lab File: BG057495.D

Acq: 22 May 2023 15:53

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

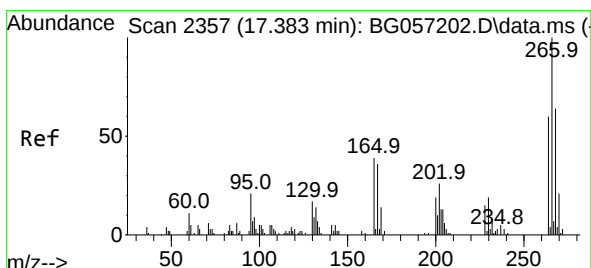
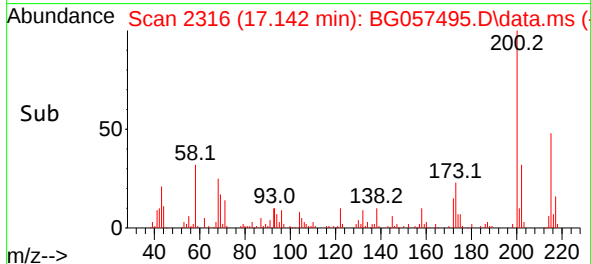
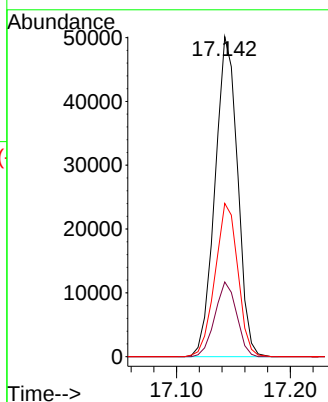
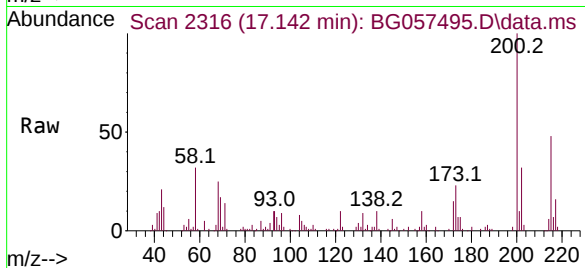
Tgt Ion:200 Resp: 69121

Ion Ratio Lower Upper

200 100

173 23.3 4.3 44.3

215 47.9 29.3 69.3



#70

Pentachlorophenol

Concen: 42.685 ng

RT: 17.371 min Scan# 2355

Delta R.T. 0.004 min

Lab File: BG057495.D

Acq: 22 May 2023 15:53

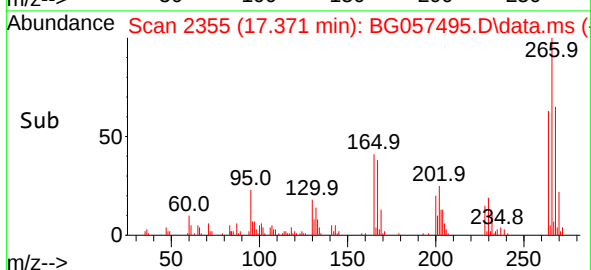
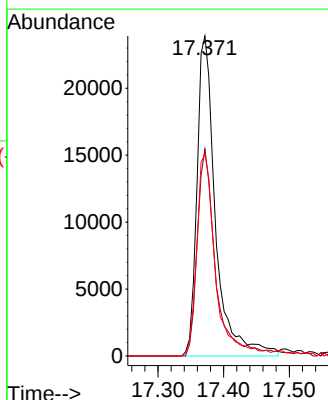
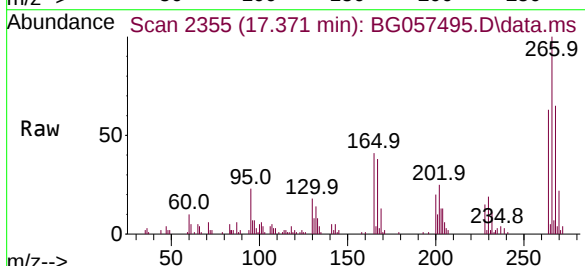
Tgt Ion:266 Resp: 47109

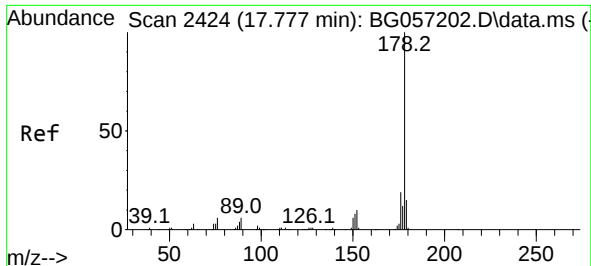
Ion Ratio Lower Upper

266 100

268 64.7 51.0 76.6

264 63.2 47.8 71.6

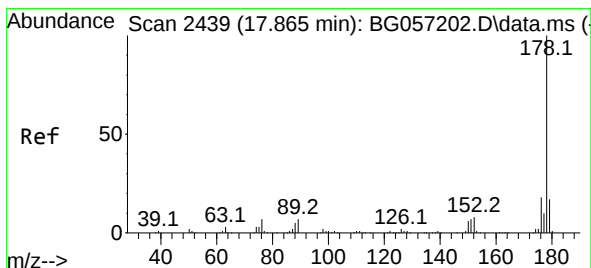
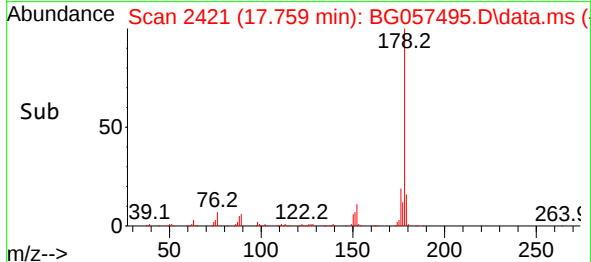
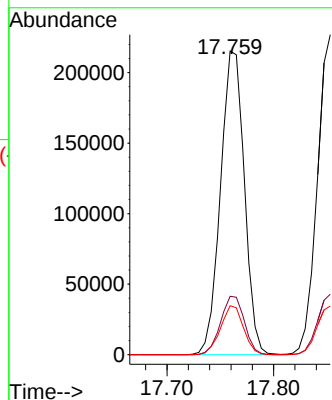
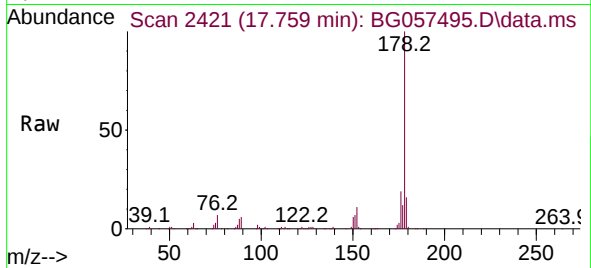




#71  
Phenanthrene  
Concen: 40.436 ng  
RT: 17.759 min Scan# 2424  
Delta R.T. 0.004 min  
Lab File: BG057495.D  
Acq: 22 May 2023 15:53

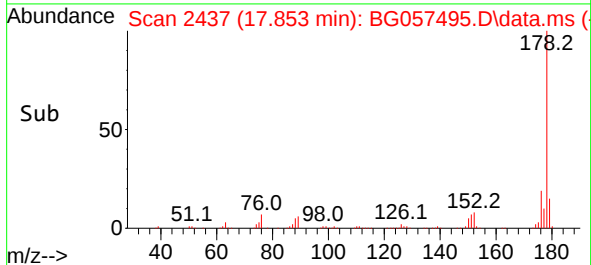
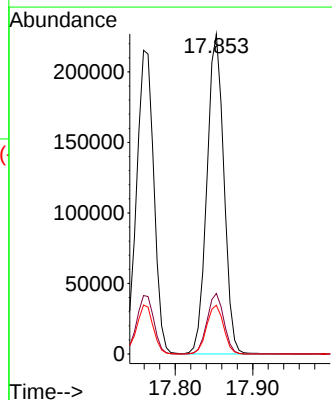
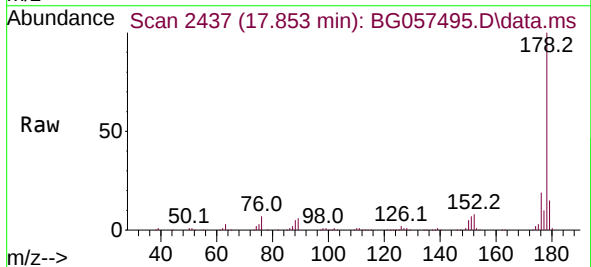
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

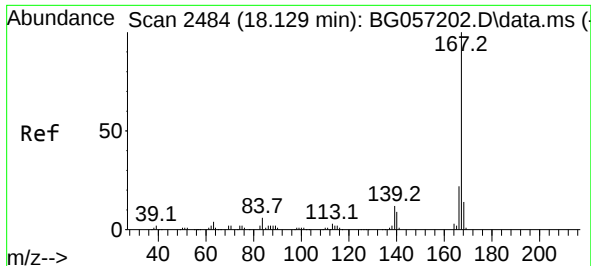
Tgt Ion:178 Resp: 334476  
Ion Ratio Lower Upper  
178 100  
176 19.2 15.4 23.2  
179 16.1 12.3 18.5



#72  
Anthracene  
Concen: 40.504 ng  
RT: 17.853 min Scan# 2437  
Delta R.T. 0.004 min  
Lab File: BG057495.D  
Acq: 22 May 2023 15:53

Tgt Ion:178 Resp: 343780  
Ion Ratio Lower Upper  
178 100  
176 18.9 14.7 22.1  
179 15.2 13.2 19.8

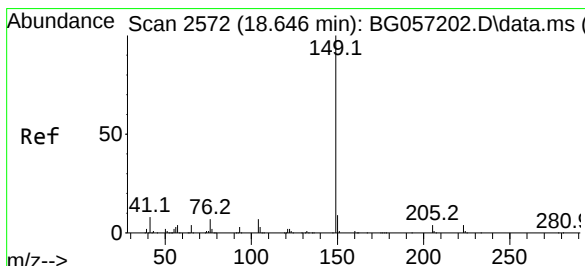
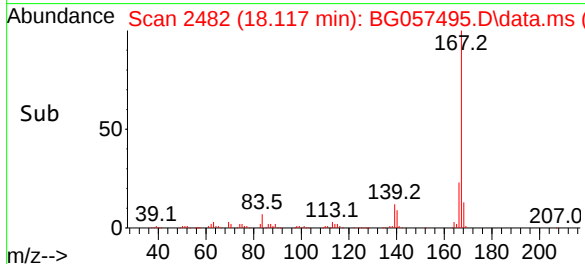
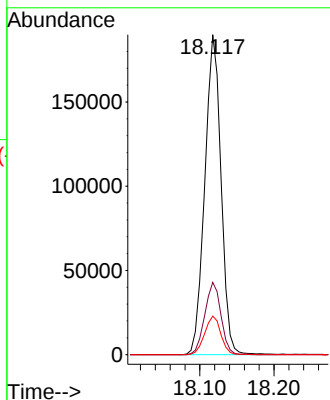
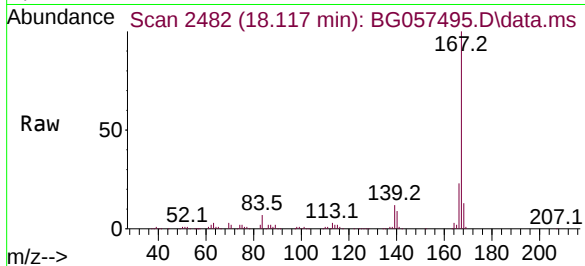




#73  
 Carbazole  
 Concen: 40.385 ng  
 RT: 18.117 min Scan# 2482  
 Delta R.T. 0.004 min  
 Lab File: BG057495.D  
 Acq: 22 May 2023 15:53

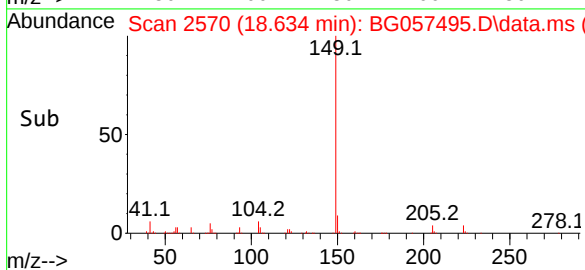
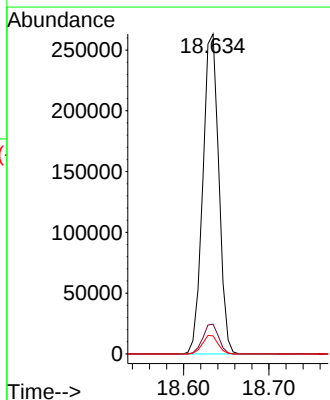
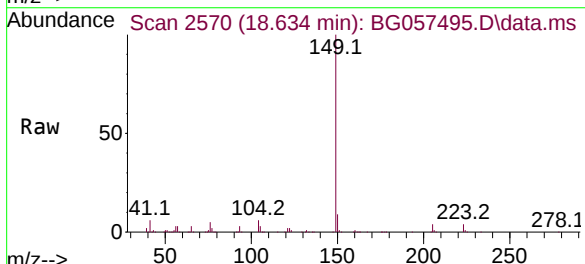
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

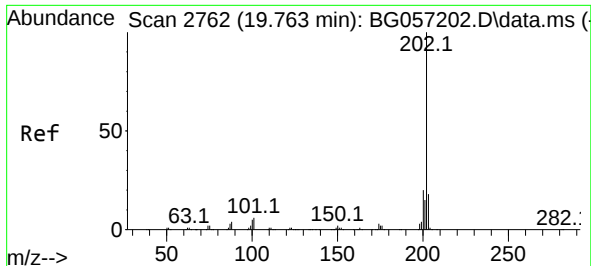
Tgt Ion:167 Resp: 288564  
 Ion Ratio Lower Upper  
 167 100  
 166 22.6 17.4 26.0  
 139 12.0 9.6 14.4



#74  
 Di-n-butylphthalate  
 Concen: 41.634 ng  
 RT: 18.634 min Scan# 2570  
 Delta R.T. 0.004 min  
 Lab File: BG057495.D  
 Acq: 22 May 2023 15:53

Tgt Ion:149 Resp: 342280  
 Ion Ratio Lower Upper  
 149 100  
 150 9.3 7.3 10.9  
 104 5.6 5.4 8.2

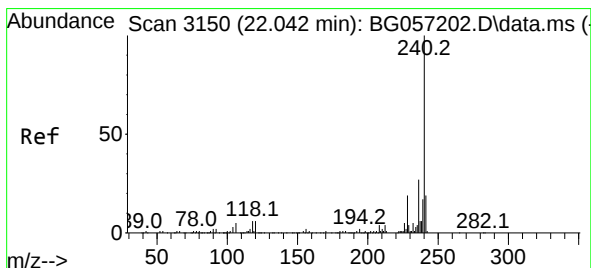
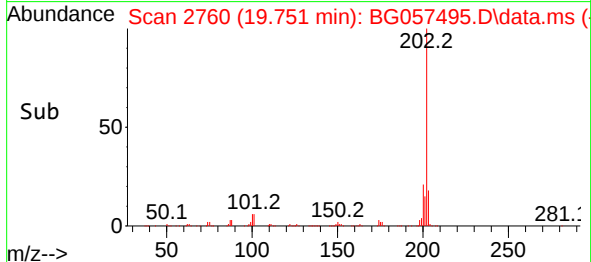
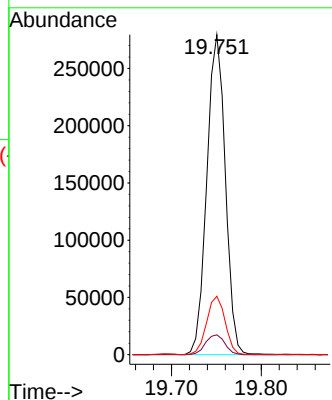
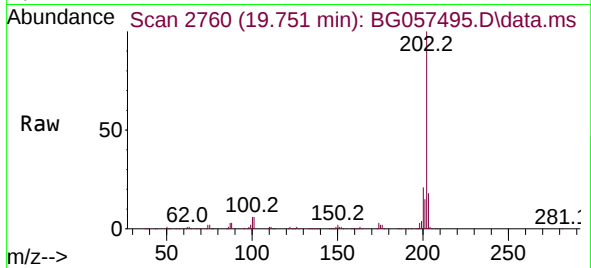




#75  
 Fluoranthene  
 Concen: 38.841 ng  
 RT: 19.751 min Scan# 21  
 Delta R.T. 0.004 min  
 Lab File: BG057495.D  
 Acq: 22 May 2023 15:53

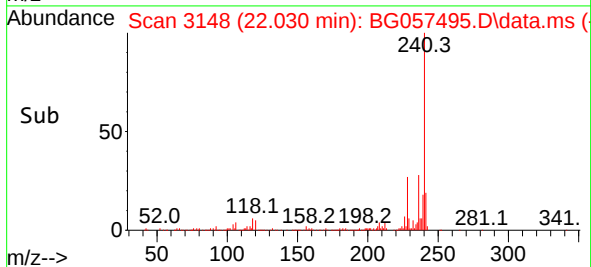
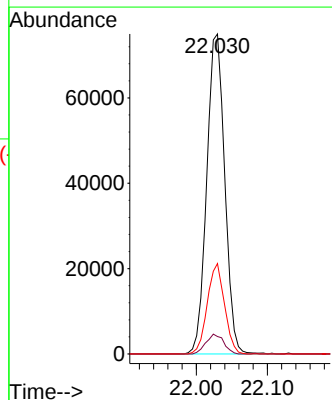
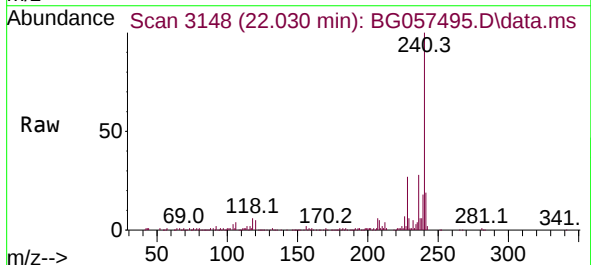
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

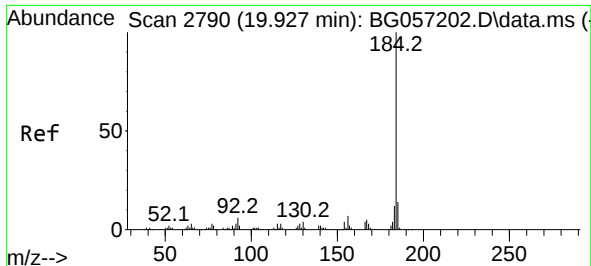
Tgt Ion:202 Resp: 399594  
 Ion Ratio Lower Upper  
 202 100  
 101 6.2 0.0 26.2  
 203 18.3 0.0 37.9



#76  
 Chrysene-d12  
 Concen: 20.000 ng  
 RT: 22.030 min Scan# 3148  
 Delta R.T. 0.010 min  
 Lab File: BG057495.D  
 Acq: 22 May 2023 15:53

Tgt Ion:240 Resp: 132098  
 Ion Ratio Lower Upper  
 240 100  
 120 5.4 4.9 7.3  
 236 28.2 21.4 32.2

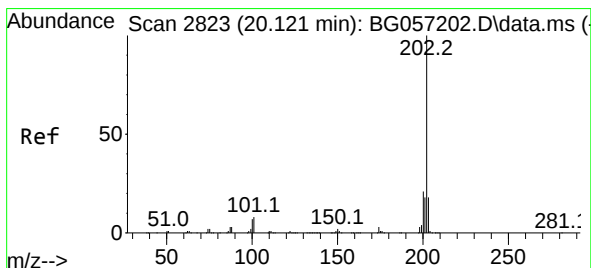
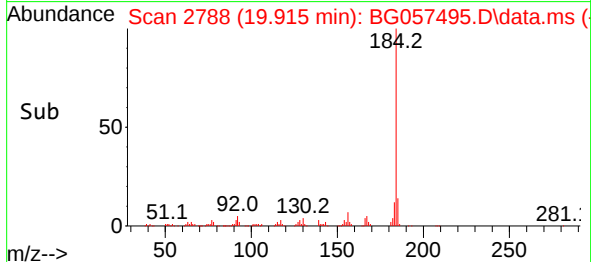
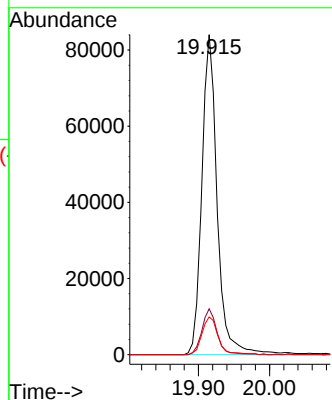
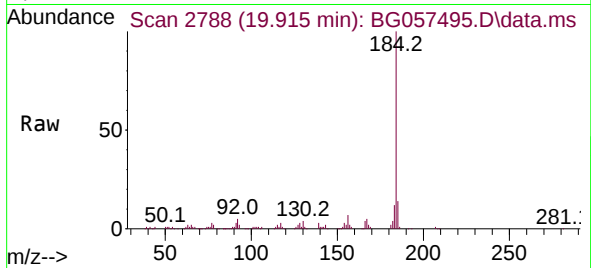




#77  
Benzidine  
Concen: 42.606 ng  
RT: 19.915 min Scan# 21  
Delta R.T. 0.004 min  
Lab File: BG057495.D  
Acq: 22 May 2023 15:53

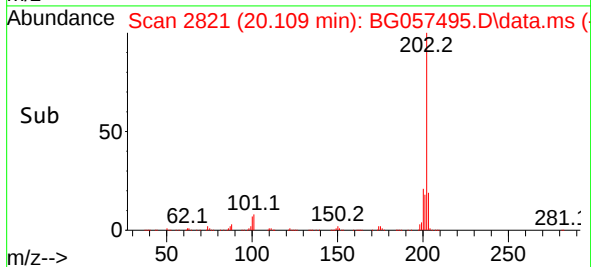
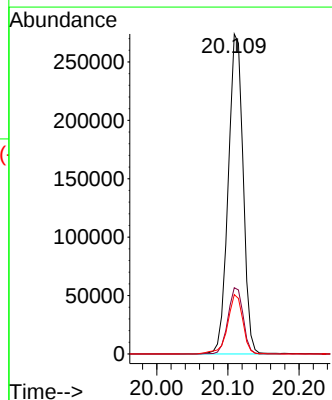
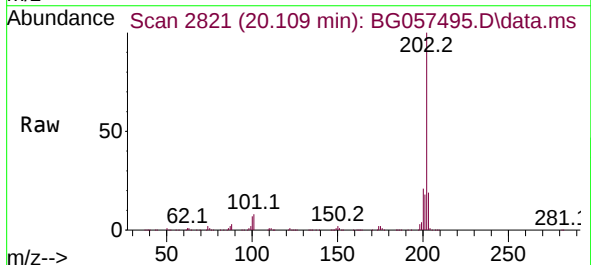
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

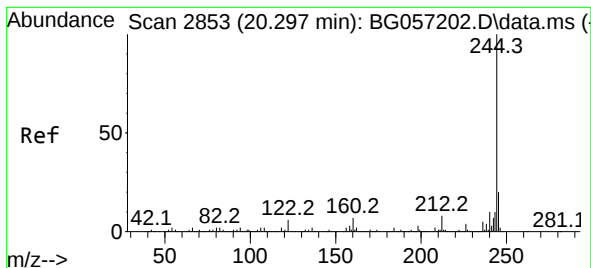
Tgt Ion:184 Resp: 125825  
Ion Ratio Lower Upper  
184 100  
185 14.4 11.1 16.7  
183 11.8 9.9 14.9



#78  
Pyrene  
Concen: 41.450 ng  
RT: 20.109 min Scan# 2821  
Delta R.T. 0.004 min  
Lab File: BG057495.D  
Acq: 22 May 2023 15:53

Tgt Ion:202 Resp: 397878  
Ion Ratio Lower Upper  
202 100  
200 20.7 17.0 25.4  
203 18.5 14.2 21.4





#79

Terphenyl-d14

Concen: 81.990 ng

RT: 20.285 min Scan# 21

Delta R.T. 0.004 min

Lab File: BG057495.D

Acq: 22 May 2023 15:53

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

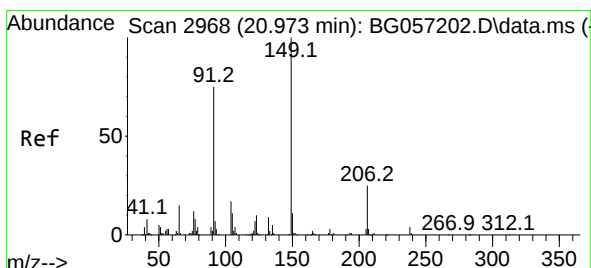
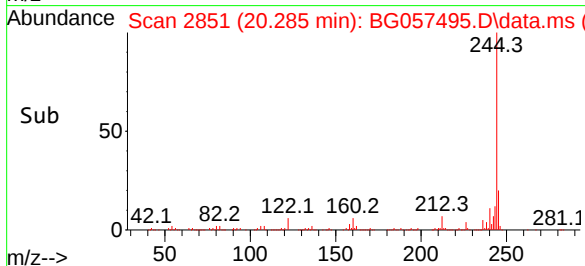
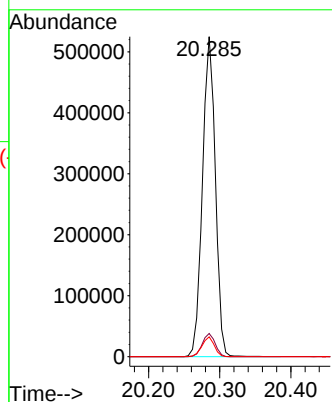
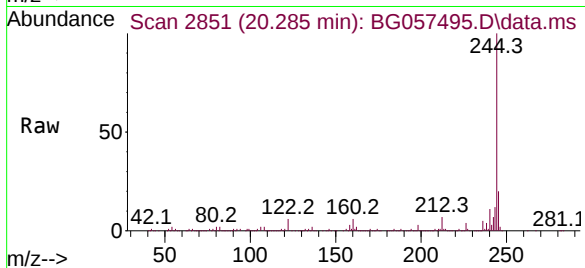
Tgt Ion:244 Resp: 663681

Ion Ratio Lower Upper

244 100

212 7.3 6.1 9.1

122 6.2 5.1 7.7



#80

Butylbenzylphthalate

Concen: 46.054 ng

RT: 20.961 min Scan# 2966

Delta R.T. 0.004 min

Lab File: BG057495.D

Acq: 22 May 2023 15:53

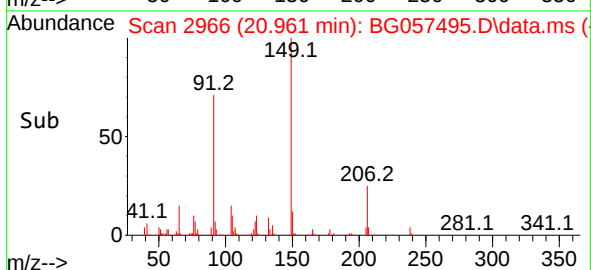
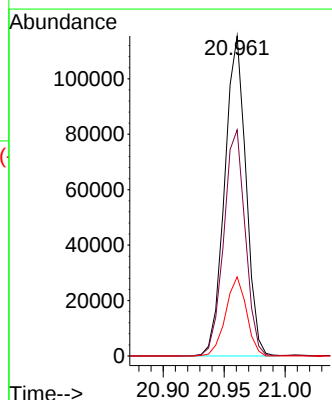
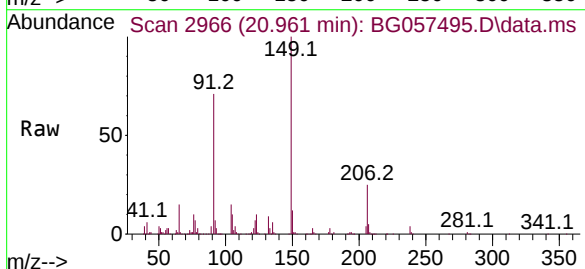
Tgt Ion:149 Resp: 140267

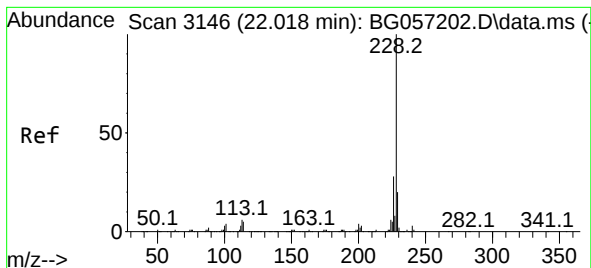
Ion Ratio Lower Upper

149 100

91 70.7 59.7 89.5

206 24.7 19.7 29.5





#81

Benzo(a)anthracene

Concen: 40.615 ng

RT: 22.006 min Scan# 3146

Delta R.T. 0.010 min

Lab File: BG057495.D

Acq: 22 May 2023 15:53

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

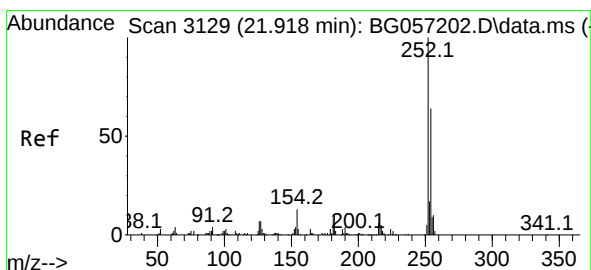
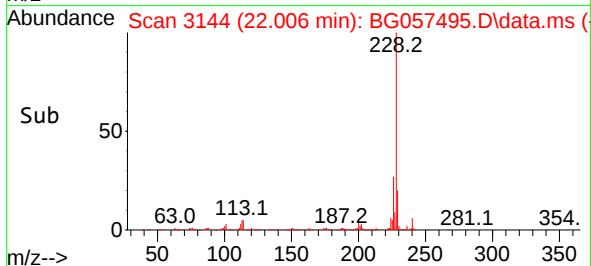
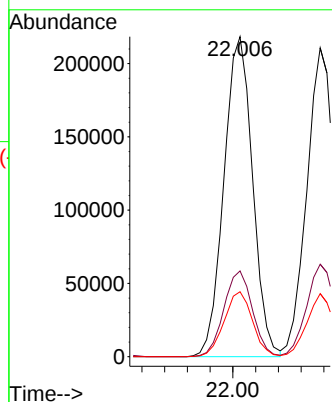
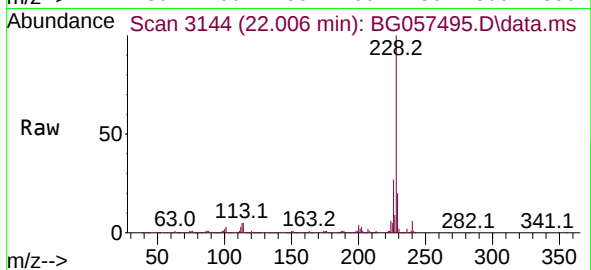
Tgt Ion:228 Resp: 382249

Ion Ratio Lower Upper

228 100

226 26.8 22.0 33.0

229 20.3 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 41.688 ng

RT: 21.901 min Scan# 3126

Delta R.T. 0.004 min

Lab File: BG057495.D

Acq: 22 May 2023 15:53

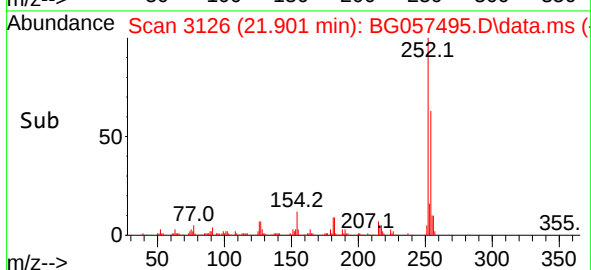
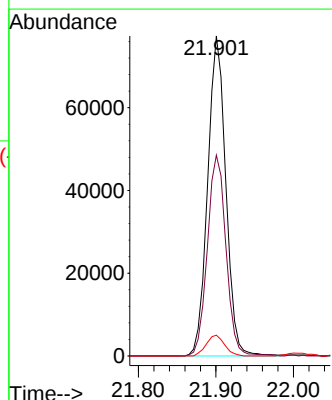
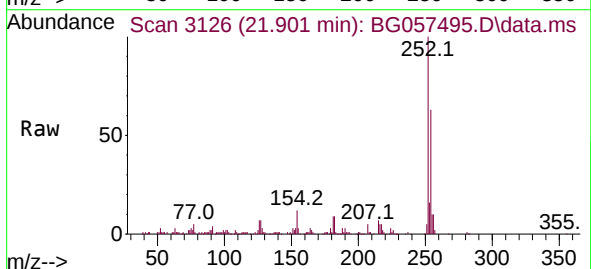
Tgt Ion:252 Resp: 125670

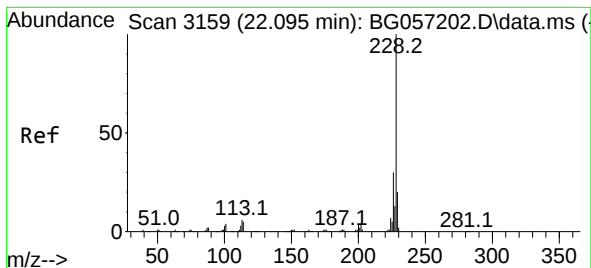
Ion Ratio Lower Upper

252 100

254 62.7 51.4 77.0

126 6.5 5.9 8.9





#83

Chrysene

Concen: 40.391 ng

RT: 22.077 min Scan# 3117

Delta R.T. 0.004 min

Lab File: BG057495.D

Acq: 22 May 2023 15:53

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

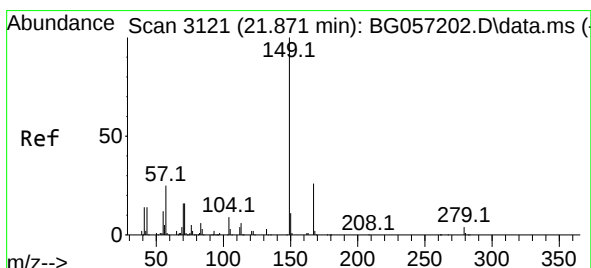
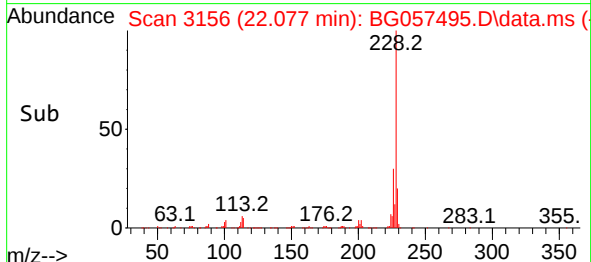
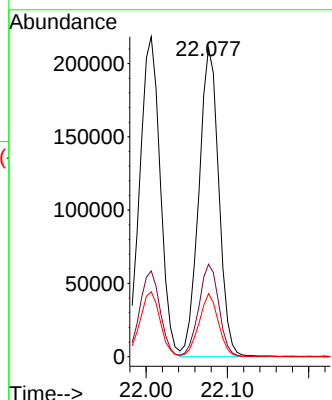
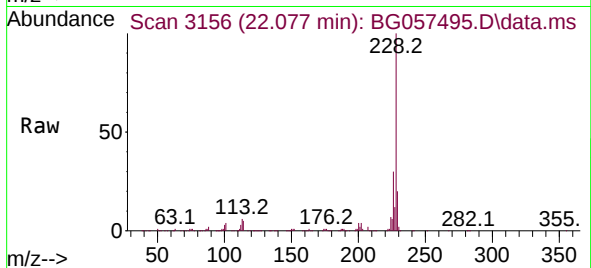
Tgt Ion:228 Resp: 357673

Ion Ratio Lower Upper

228 100

226 29.9 24.3 36.5

229 20.4 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.262 ng

RT: 21.848 min Scan# 3117

Delta R.T. 0.004 min

Lab File: BG057495.D

Acq: 22 May 2023 15:53

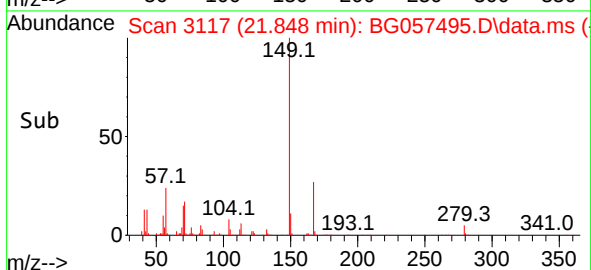
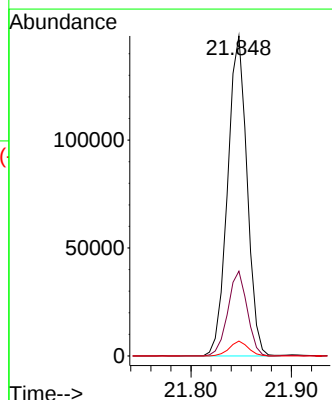
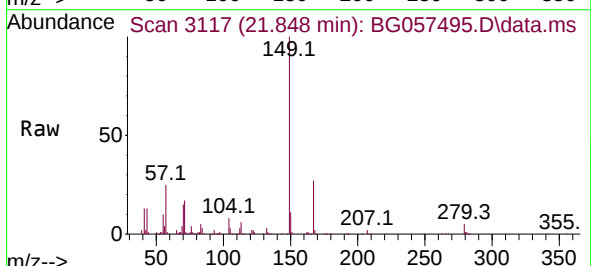
Tgt Ion:149 Resp: 199460

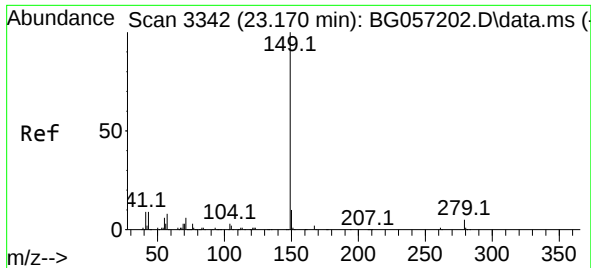
Ion Ratio Lower Upper

149 100

167 26.5 21.2 31.8

279 4.7 3.5 5.3

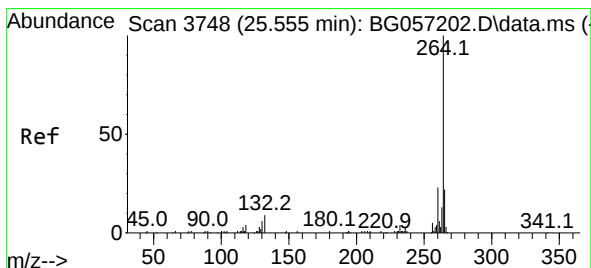
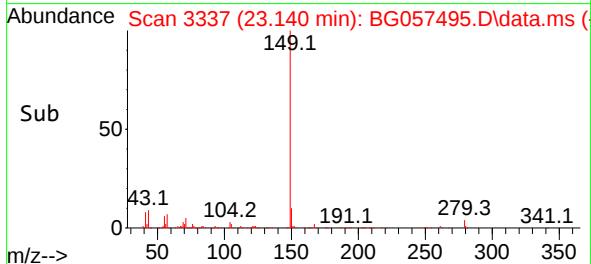
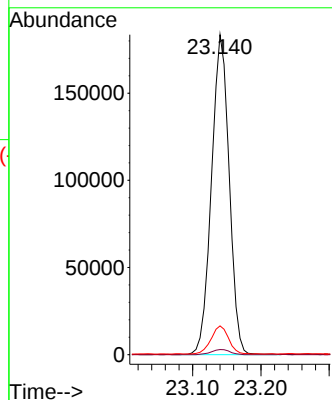
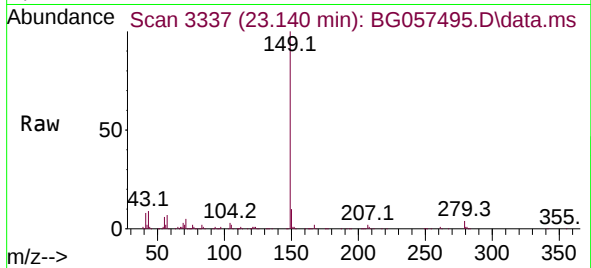




#85  
Di-n-octyl phthalate  
Concen: 44.105 ng  
RT: 23.140 min Scan# 31  
Delta R.T. 0.004 min  
Lab File: BG057495.D  
Acq: 22 May 2023 15:53

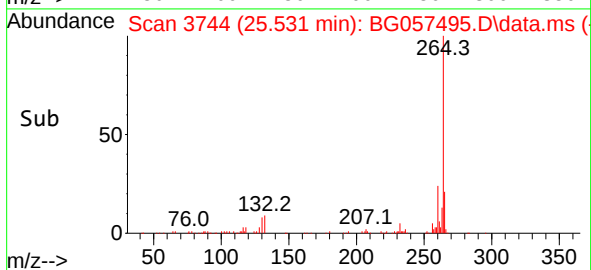
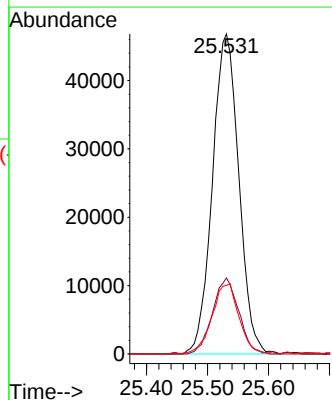
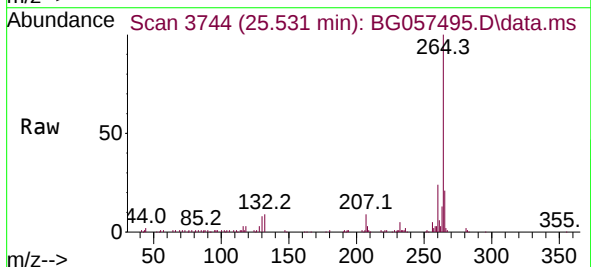
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

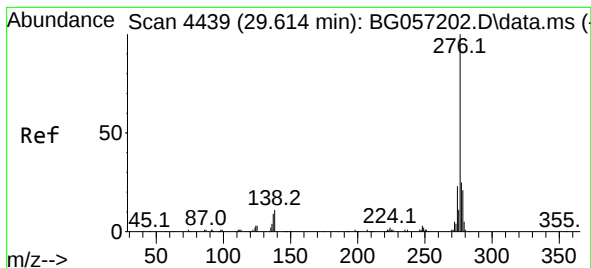
Tgt Ion:149 Resp: 331344  
Ion Ratio Lower Upper  
149 100  
167 1.7 1.3 1.9  
43 8.7 7.8 11.8



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 25.531 min Scan# 3744  
Delta R.T. 0.016 min  
Lab File: BG057495.D  
Acq: 22 May 2023 15:53

Tgt Ion:264 Resp: 140697  
Ion Ratio Lower Upper  
264 100  
260 23.8 18.8 28.2  
265 21.5 17.9 26.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 40.175 ng

RT: 29.584 min Scan# 4434

Delta R.T. 0.022 min

Lab File: BG057495.D

Acq: 22 May 2023 15:53

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

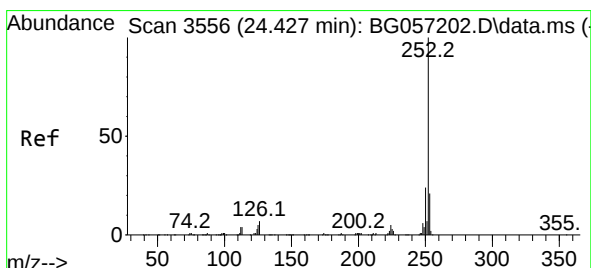
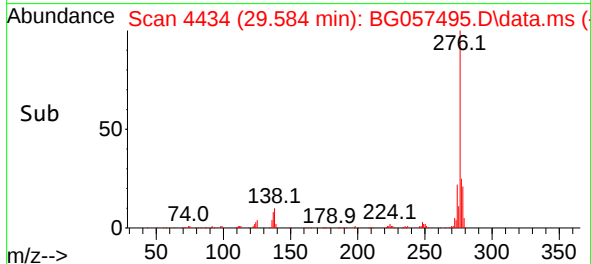
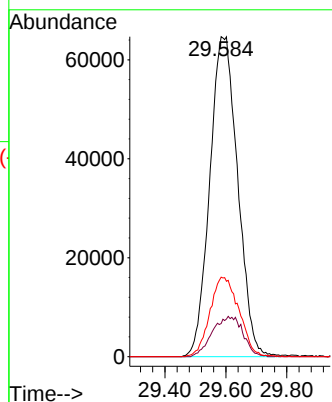
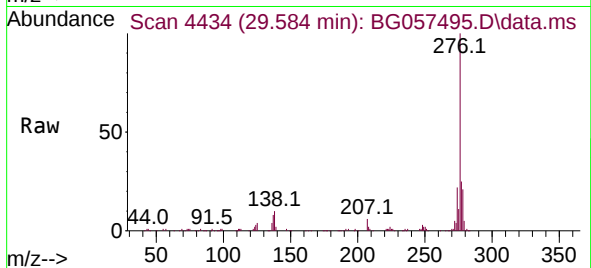
Tgt Ion:276 Resp: 411962

Ion Ratio Lower Upper

276 100

138 0.0 5.4 8.0#

277 25.8 20.6 30.8



#88

Benzo(b)fluoranthene

Concen: 39.268 ng

RT: 24.409 min Scan# 3553

Delta R.T. 0.016 min

Lab File: BG057495.D

Acq: 22 May 2023 15:53

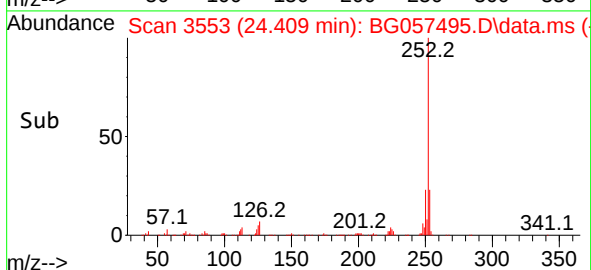
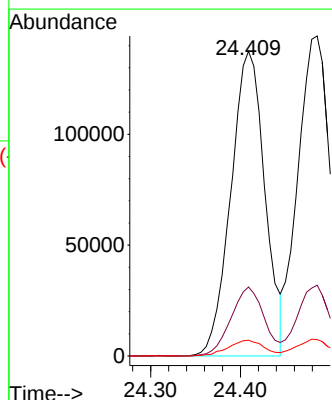
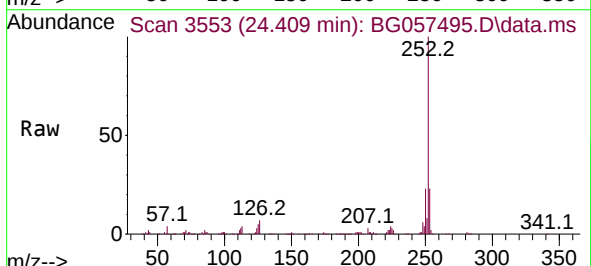
Tgt Ion:252 Resp: 361157

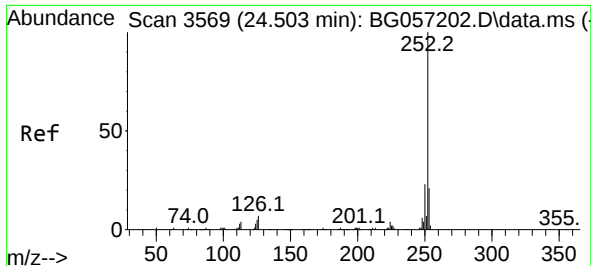
Ion Ratio Lower Upper

252 100

253 22.6 17.0 25.6

125 5.1 4.2 6.2

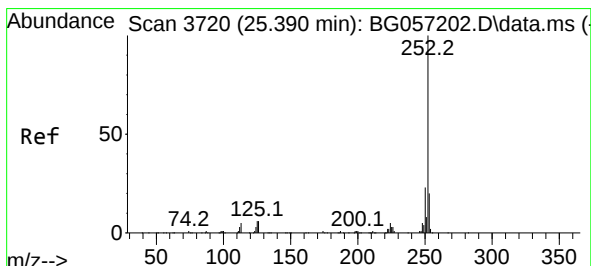
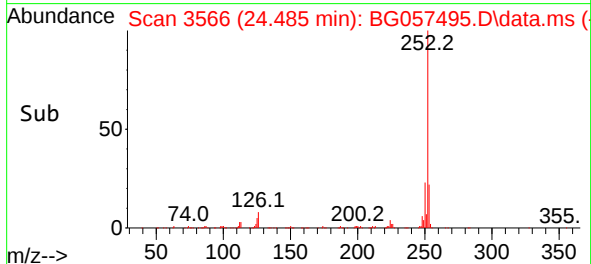
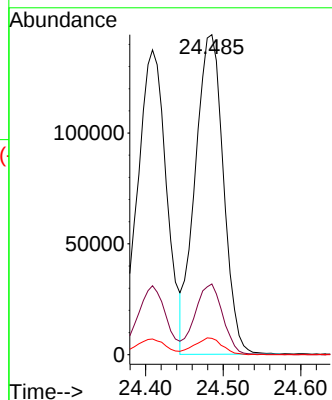
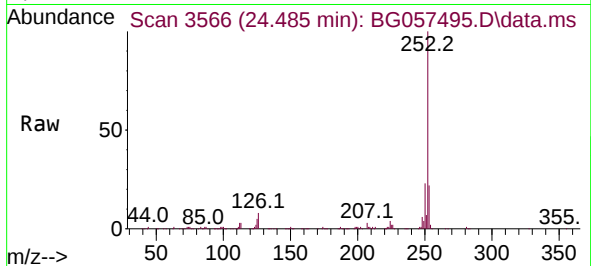




#89  
Benzo(k)fluoranthene  
Concen: 39.066 ng  
RT: 24.485 min Scan# 31  
Delta R.T. 0.016 min  
Lab File: BG057495.D  
Acq: 22 May 2023 15:53

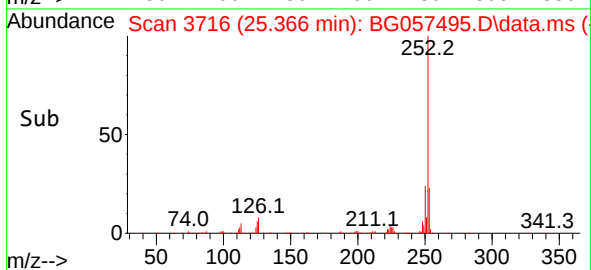
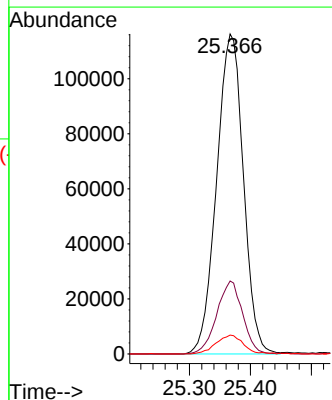
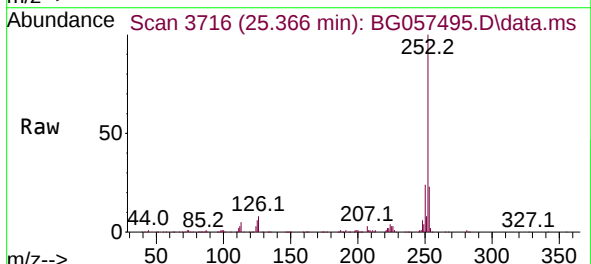
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

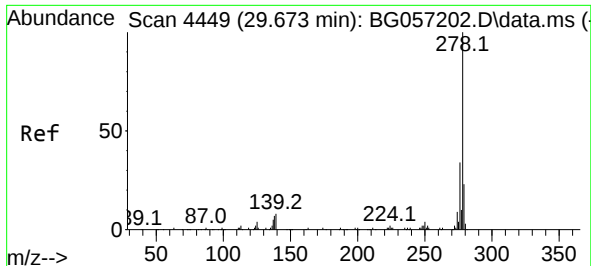
Tgt Ion:252 Resp: 365115  
Ion Ratio Lower Upper  
252 100  
253 22.1 17.4 26.0  
125 5.1 4.1 6.1



#90  
Benzo(a)pyrene  
Concen: 39.457 ng  
RT: 25.366 min Scan# 3716  
Delta R.T. 0.010 min  
Lab File: BG057495.D  
Acq: 22 May 2023 15:53

Tgt Ion:252 Resp: 354541  
Ion Ratio Lower Upper  
252 100  
253 22.8 16.3 24.5  
125 5.9 5.0 7.4

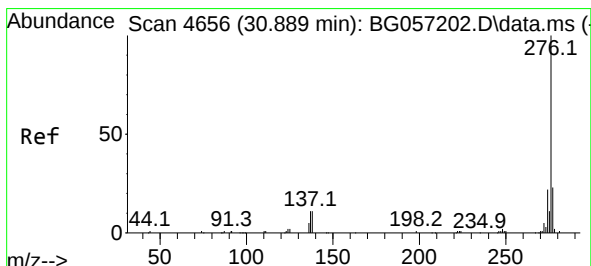
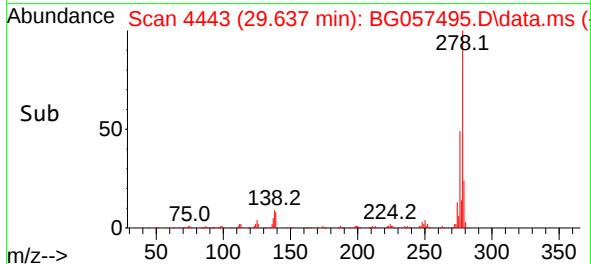
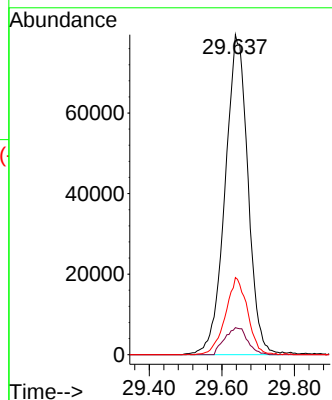
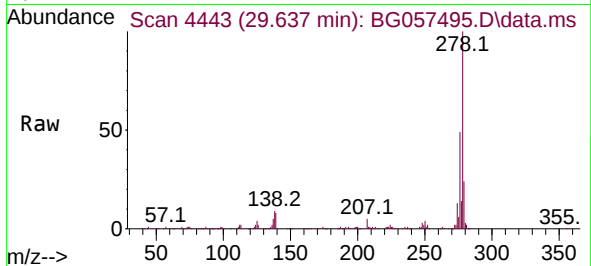




#91  
Dibenzo(a,h)anthracene  
Concen: 40.607 ng  
RT: 29.637 min Scan# 4443  
Delta R.T. 0.028 min  
Lab File: BG057495.D  
Acq: 22 May 2023 15:53

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

Tgt Ion:278 Resp: 346768  
Ion Ratio Lower Upper  
278 100  
139 8.4 6.2 9.2  
279 24.1 18.6 27.8



#92  
Benzo(g,h,i)perylene  
Concen: 40.361 ng  
RT: 30.865 min Scan# 4652  
Delta R.T. 0.028 min  
Lab File: BG057495.D  
Acq: 22 May 2023 15:53

Tgt Ion:276 Resp: 336540  
Ion Ratio Lower Upper  
276 100  
277 23.4 18.4 27.6  
138 11.7 9.0 13.4

