

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG061423\  
 Data File : BG057716.D  
 Acq On : 14 Jun 2023 20:48  
 Operator : CG/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040EC

Quant Time: Jun 15 01:24:34 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG061323.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jun 14 03:52:08 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.935  | 152  | 33308    | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.738 | 136  | 131621   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.569 | 164  | 89261    | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.313 | 188  | 211167   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 21.572 | 240  | 182383   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 24.733 | 264  | 236849   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.509  | 112  | 170329   | 83.267 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.095  | 99   | 242198   | 77.072 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.099  | 82   | 196462   | 91.356 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.055 | 330  | 97543    | 97.950 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.194 | 172  | 460999   | 76.984 | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.933 | 244  | 747158   | 75.741 | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.423  | 88   | 38975    | 37.425 | ng    | 91       |
| 3) Pyridine                   | 3.817  | 79   | 112277   | 38.085 | ng    | 94       |
| 4) n-Nitrosodimethylamine     | 3.729  | 42   | 50714    | 35.270 | ng    | 87       |
| 6) Aniline                    | 7.266  | 93   | 150575   | 36.520 | ng    | 96       |
| 8) 2-Chlorophenol             | 7.501  | 128  | 80257    | 40.921 | ng    | 99       |
| 9) Benzaldehyde               | 7.078  | 77   | 70631    | 36.464 | ng    | 98       |
| 10) Phenol                    | 7.119  | 94   | 117585   | 38.292 | ng    | 99       |
| 11) bis(2-Chloroethyl)ether   | 7.360  | 93   | 88170    | 36.634 | ng    | 98       |
| 12) 1,3-Dichlorobenzene       | 7.830  | 146  | 86218    | 38.003 | ng    | 97       |
| 13) 1,4-Dichlorobenzene       | 7.971  | 146  | 87191    | 38.762 | ng    | 98       |
| 14) 1,2-Dichlorobenzene       | 8.294  | 146  | 81856    | 37.453 | ng    | 97       |
| 15) Benzyl Alcohol            | 8.170  | 79   | 87596    | 36.396 | ng    | 98       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.464  | 45   | 172994   | 33.010 | ng    | 98       |
| 17) 2-Methylphenol            | 8.370  | 107  | 83862    | 37.113 | ng    | 95       |
| 18) Hexachloroethane          | 9.022  | 117  | 30864    | 44.400 | ng    | 96       |
| 19) n-Nitroso-di-n-propyla... | 8.740  | 70   | 76352    | 33.602 | ng    | 96       |
| 20) 3+4-Methylphenols         | 8.699  | 107  | 115757   | 37.467 | ng    | 97       |
| 22) Acetophenone              | 8.758  | 105  | 140803   | 36.823 | ng    | 97       |
| 24) Nitrobenzene              | 9.140  | 77   | 101866   | 43.466 | ng    | 96       |
| 25) Isophorone                | 9.663  | 82   | 215487   | 35.322 | ng    | 99       |
| 26) 2-Nitrophenol             | 9.851  | 139  | 36052    | 57.004 | ng    | # 85     |
| 27) 2,4-Dimethylphenol        | 9.909  | 122  | 83532    | 41.005 | ng    | 91       |
| 28) bis(2-Chloroethoxy)met... | 10.145 | 93   | 117503   | 37.051 | ng    | 98       |
| 29) 2,4-Dichlorophenol        | 10.380 | 162  | 78566    | 45.465 | ng    | 98       |
| 30) 1,2,4-Trichlorobenzene    | 10.603 | 180  | 89375    | 39.793 | ng    | 96       |
| 31) Naphthalene               | 10.791 | 128  | 272697   | 38.550 | ng    | 98       |
| 32) Benzoic acid              | 10.021 | 122  | 59936    | 75.290 | ng    | 97       |
| 33) 4-Chloroaniline           | 10.897 | 127  | 122132   | 37.083 | ng    | 96       |
| 34) Hexachlorobutadiene       | 11.073 | 225  | 54540    | 38.615 | ng    | 99       |
| 35) Caprolactam               | 11.666 | 113  | 30688    | 43.049 | ng    | 99       |
| 36) 4-Chloro-3-methylphenol   | 12.013 | 107  | 98908    | 40.401 | ng    | 98       |
| 37) 2-Methylnaphthalene       | 12.401 | 142  | 193448   | 36.964 | ng    | 99       |
| 38) 1-Methylnaphthalene       | 12.618 | 142  | 182889   | 37.251 | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 12.765 | 216  | 98593    | 39.019 | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 12.747 | 237  | 53144    | 55.144 | ng    | 97       |
| 43) 2,4,6-Trichlorophenol     | 13.000 | 196  | 70024    | 43.179 | ng    | 100      |

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Quant Time: Jun 15 01:24:34 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG061323.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jun 14 03:52:08 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 13.070 | 196  | 83668    | 43.592 | ng    | 95       |
| 46) 1,1'-Biphenyl             | 13.405 | 154  | 237279   | 38.474 | ng    | 99       |
| 47) 2-Chloronaphthalene       | 13.447 | 162  | 184115   | 39.499 | ng    | 98       |
| 48) 2-Nitroaniline            | 13.646 | 65   | 65397    | 50.957 | ng    | 95       |
| 49) Acenaphthylene            | 14.293 | 152  | 314605   | 38.918 | ng    | 98       |
| 50) Dimethylphthalate         | 14.028 | 163  | 253050   | 38.664 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 14.140 | 165  | 47788    | 49.495 | ng    | 92       |
| 52) Acenaphthene              | 14.633 | 154  | 193368   | 39.906 | ng    | 100      |
| 53) 3-Nitroaniline            | 14.469 | 138  | 55860    | 49.376 | ng #  | 93       |
| 54) 2,4-Dinitrophenol         | 14.675 | 184  | 18841    | 57.628 | ng    | 98       |
| 55) Dibenzofuran              | 14.968 | 168  | 305959   | 37.617 | ng    | 99       |
| 56) 4-Nitrophenol             | 14.769 | 139  | 46576    | 51.934 | ng    | 91       |
| 57) 2,4-Dinitrotoluene        | 14.927 | 165  | 66291    | 51.884 | ng #  | 98       |
| 58) Fluorene                  | 15.615 | 166  | 242828   | 37.478 | ng    | 98       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.192 | 232  | 68716    | 43.007 | ng    | 97       |
| 60) Diethylphthalate          | 15.391 | 149  | 265310   | 39.271 | ng    | 97       |
| 61) 4-Chlorophenyl-phenyle... | 15.609 | 204  | 127744   | 36.802 | ng    | 97       |
| 62) 4-Nitroaniline            | 15.638 | 138  | 57274    | 46.296 | ng    | 94       |
| 63) Azobenzene                | 15.902 | 77   | 270213   | 37.198 | ng    | 99       |
| 65) 4,6-Dinitro-2-methylph... | 15.685 | 198  | 32161    | 59.775 | ng    | 89       |
| 66) n-Nitrosodiphenylamine    | 15.826 | 169  | 216962   | 39.304 | ng    | 97       |
| 67) 4-Bromophenyl-phenylether | 16.508 | 248  | 84366    | 39.237 | ng    | 97       |
| 68) Hexachlorobenzene         | 16.619 | 284  | 86421    | 38.459 | ng    | 100      |
| 69) Atrazine                  | 16.772 | 200  | 80198    | 43.667 | ng    | 99       |
| 70) Pentachlorophenol         | 16.960 | 266  | 70054    | 51.928 | ng    | 96       |
| 71) Phenanthrene              | 17.360 | 178  | 396908   | 38.518 | ng    | 100      |
| 72) Anthracene                | 17.448 | 178  | 415316   | 39.786 | ng    | 100      |
| 73) Carbazole                 | 17.712 | 167  | 390561   | 40.399 | ng    | 100      |
| 74) Di-n-butylphthalate       | 18.282 | 149  | 490849   | 45.807 | ng    | 99       |
| 75) Fluoranthene              | 19.369 | 202  | 493663   | 39.769 | ng    | 100      |
| 77) Benzidine                 | 19.545 | 184  | 184778   | 42.499 | ng    | 98       |
| 78) Pyrene                    | 19.727 | 202  | 508868   | 39.214 | ng    | 98       |
| 80) Butylbenzylphthalate      | 20.620 | 149  | 220616   | 46.822 | ng    | 99       |
| 81) Benzo(a)anthracene        | 21.555 | 228  | 493080   | 39.148 | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine    | 21.472 | 252  | 172707   | 42.097 | ng    | 99       |
| 83) Chrysene                  | 21.619 | 228  | 469776   | 39.191 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 21.472 | 149  | 314014   | 49.118 | ng    | 99       |
| 85) Di-n-octyl phthalate      | 22.671 | 149  | 570160   | 51.721 | ng    | 97       |
| 87) Indeno(1,2,3-cd)pyrene    | 28.341 | 276  | 593919   | 38.755 | ng    | 99       |
| 88) Benzo(b)fluoranthene      | 23.729 | 252  | 484601   | 37.715 | ng    | 98       |
| 89) Benzo(k)fluoranthene      | 23.799 | 252  | 493956   | 37.067 | ng    | 97       |
| 90) Benzo(a)pyrene            | 24.586 | 252  | 483312   | 38.257 | ng #  | 98       |
| 91) Dibenzo(a,h)anthracene    | 28.405 | 278  | 490142   | 38.703 | ng    | 98       |
| 92) Benzo(g,h,i)perylene      | 29.463 | 276  | 491826   | 38.910 | ng    | 98       |

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

**Instrument :**

BNA G

**ClientSampleId :**

SSTDCCC040EC

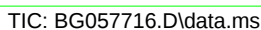
Quant Time: Jun 15 01:24:34 2023

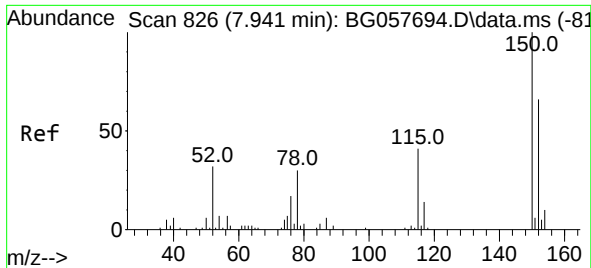
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG061323.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Jun 14 03:52:08 2023

Response via : Initial Calibration

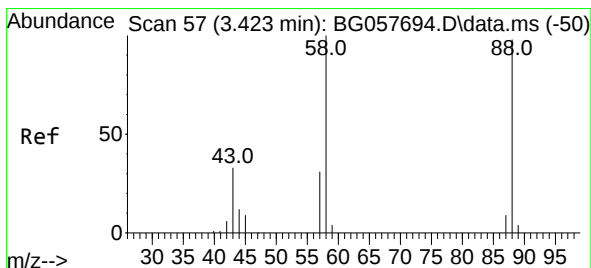
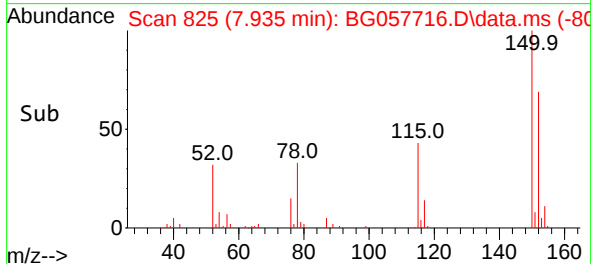
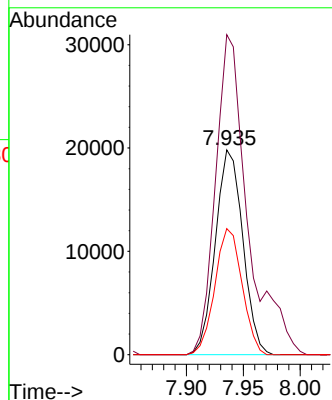
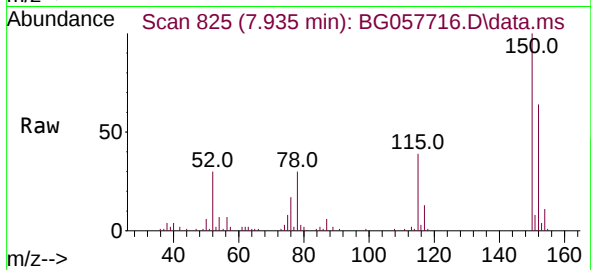




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.935 min Scan# 81  
Delta R.T. -0.006 min  
Lab File: BG057716.D  
Acq: 14 Jun 2023 20:48

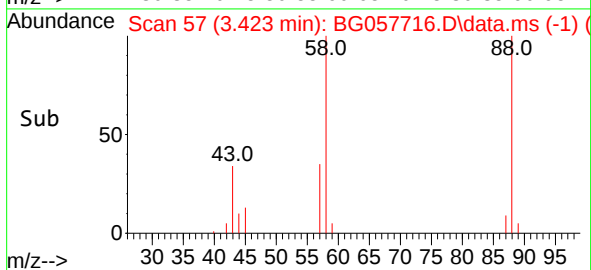
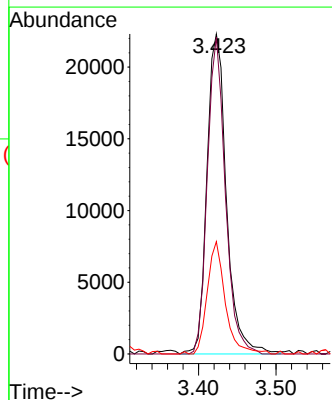
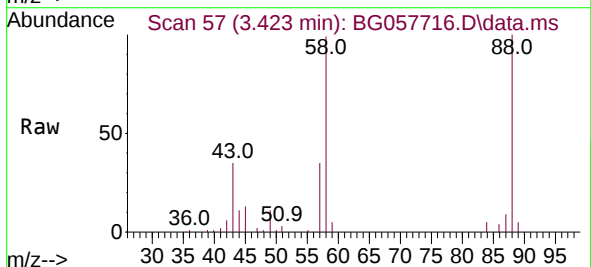
Instrument :  
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ClientSampleId :  
SSTDCCC040EC

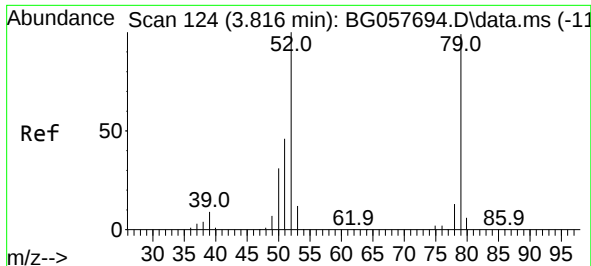
Tgt Ion:152 Resp: 33308  
Ion Ratio Lower Upper  
152 100  
150 156.3 120.8 181.2  
115 61.6 49.4 74.2



#2  
1,4-Dioxane  
Concen: 37.425 ng  
RT: 3.423 min Scan# 57  
Delta R.T. 0.000 min  
Lab File: BG057716.D  
Acq: 14 Jun 2023 20:48

Tgt Ion: 88 Resp: 38975  
Ion Ratio Lower Upper  
88 100  
58 91.4 83.0 124.6  
43 32.5 26.2 39.4

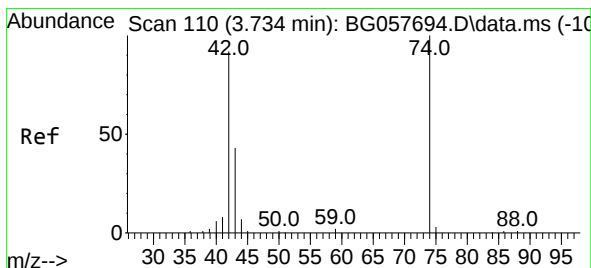
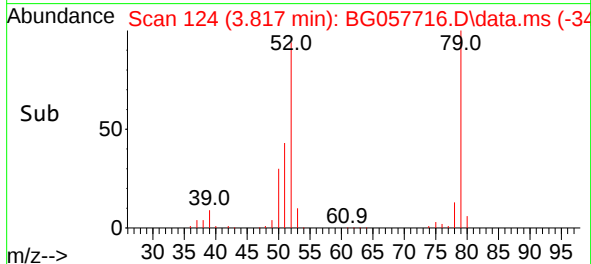
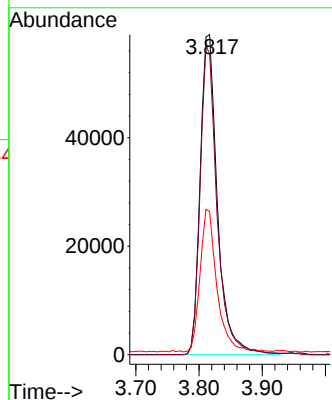
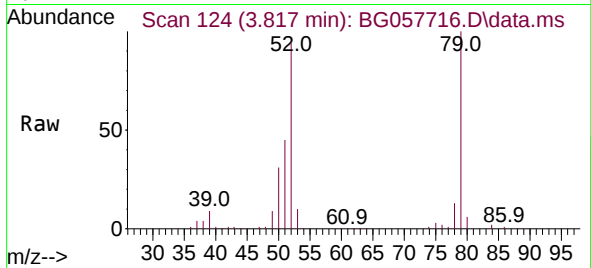




#3  
Pyridine  
Concen: 38.085 ng  
RT: 3.817 min Scan# 110  
Delta R.T. 0.000 min  
Lab File: BG057716.D  
Acq: 14 Jun 2023 20:48

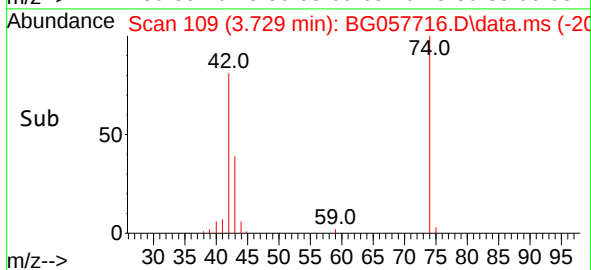
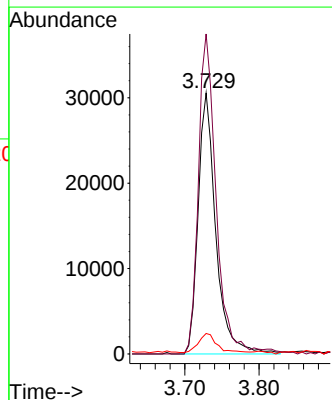
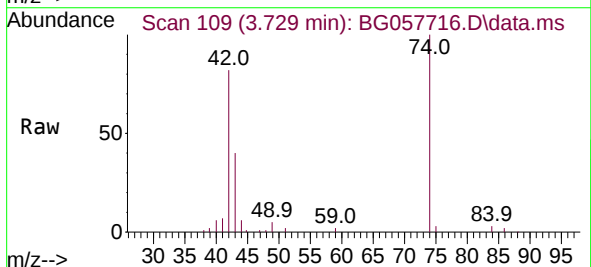
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ClientSampleId :  
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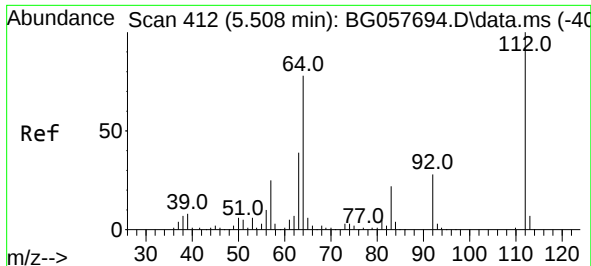
Tgt Ion: 79 Resp: 112277  
Ion Ratio Lower Upper  
79 100  
52 94.1 81.1 121.7  
51 44.8 38.0 57.0



#4  
n-Nitrosodimethylamine  
Concen: 35.270 ng  
RT: 3.729 min Scan# 109  
Delta R.T. -0.005 min  
Lab File: BG057716.D  
Acq: 14 Jun 2023 20:48

Tgt Ion: 42 Resp: 50714  
Ion Ratio Lower Upper  
42 100  
74 122.6 86.8 130.2  
44 7.8 7.5 11.3

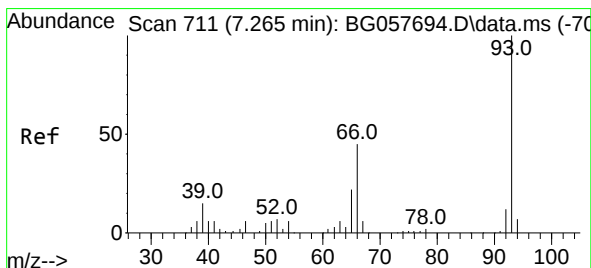
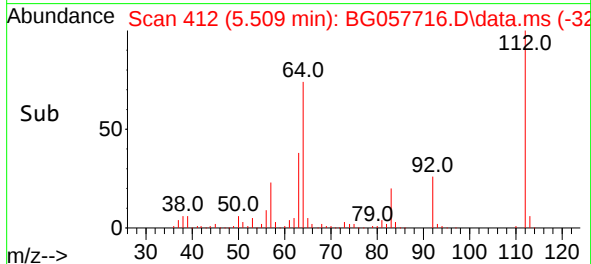
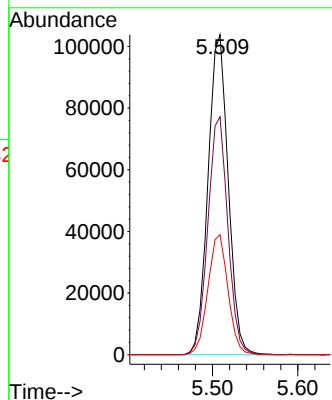
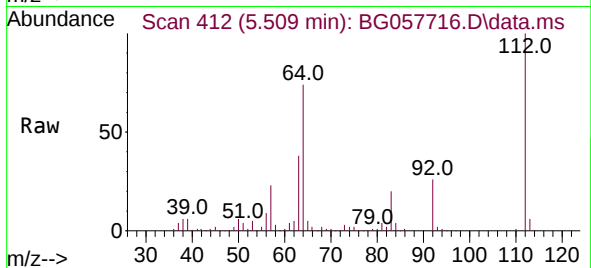




#5  
2-Fluorophenol  
Concen: 83.267 ng  
RT: 5.509 min Scan# 412  
Delta R.T. 0.000 min  
Lab File: BG057716.D  
Acq: 14 Jun 2023 20:48

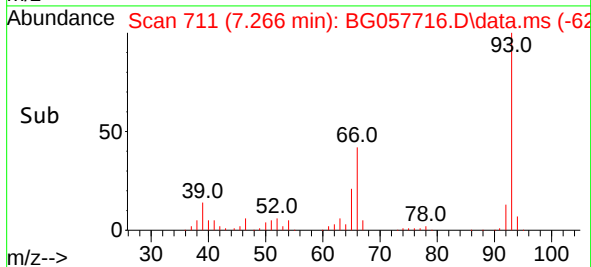
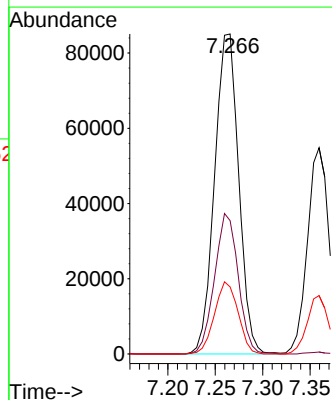
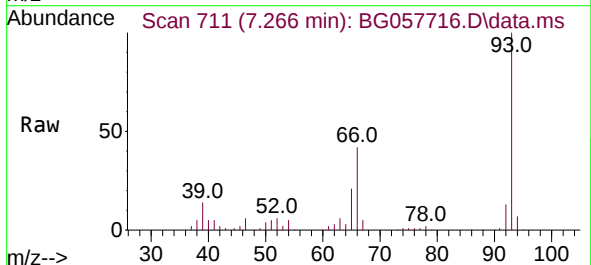
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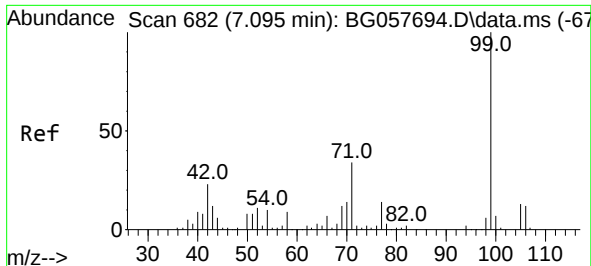
Tgt Ion:112 Resp: 170329  
Ion Ratio Lower Upper  
112 100  
64 74.4 62.3 93.5  
63 37.5 31.5 47.3



#6  
Aniline  
Concen: 36.520 ng  
RT: 7.266 min Scan# 711  
Delta R.T. 0.000 min  
Lab File: BG057716.D  
Acq: 14 Jun 2023 20:48

Tgt Ion: 93 Resp: 150575  
Ion Ratio Lower Upper  
93 100  
66 41.7 36.1 54.1  
65 20.9 17.2 25.8

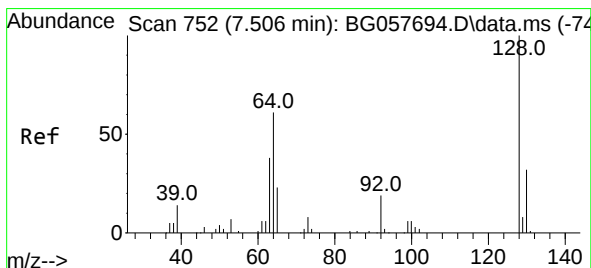
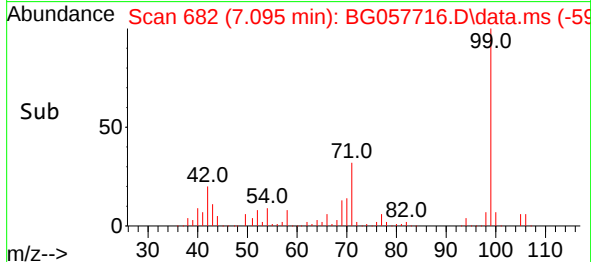
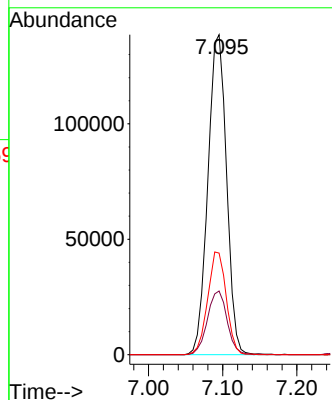
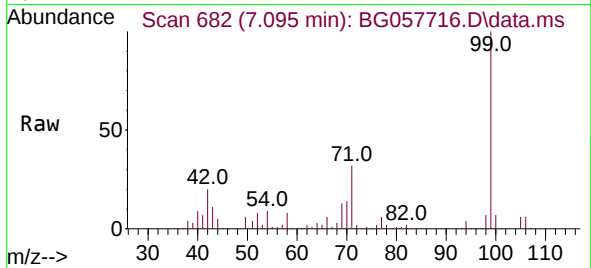




#7  
Phenol-d6  
Concen: 77.072 ng  
RT: 7.095 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: BG057716.D  
Acq: 14 Jun 2023 20:48

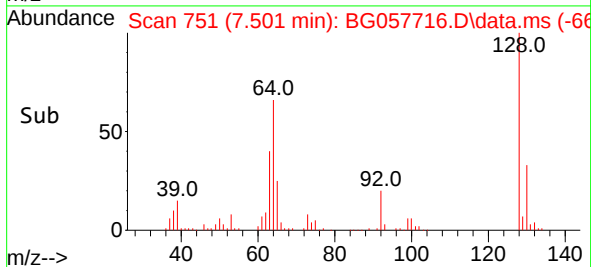
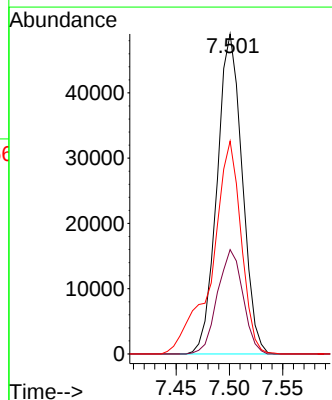
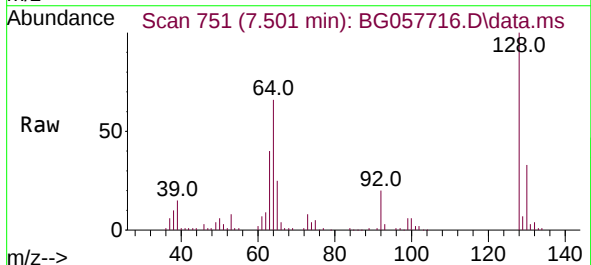
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC

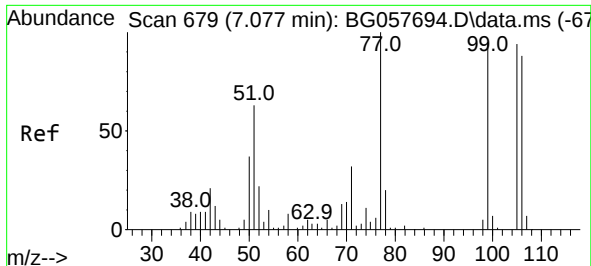
Tgt Ion: 99 Resp: 242198  
Ion Ratio Lower Upper  
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42 19.9 18.3 27.5  
71 31.8 27.5 41.3



#8  
2-Chlorophenol  
Concen: 40.921 ng  
RT: 7.501 min Scan# 751  
Delta R.T. -0.005 min  
Lab File: BG057716.D  
Acq: 14 Jun 2023 20:48

Tgt Ion: 128 Resp: 80257  
Ion Ratio Lower Upper  
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130 32.6 12.4 52.4  
64 66.5 47.2 87.2

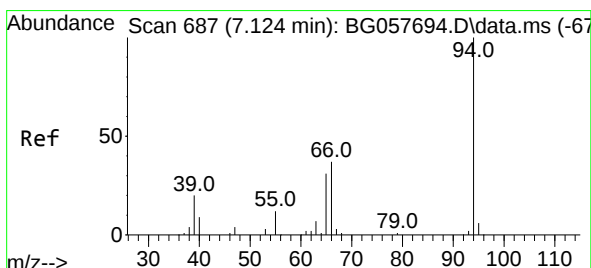
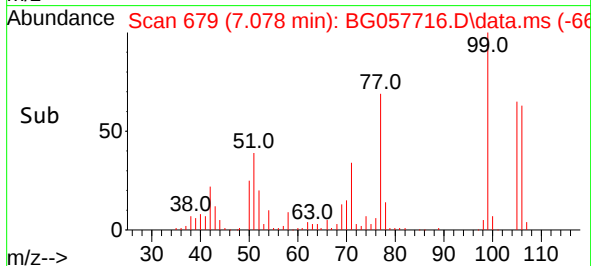
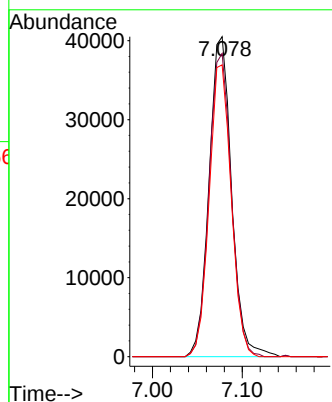
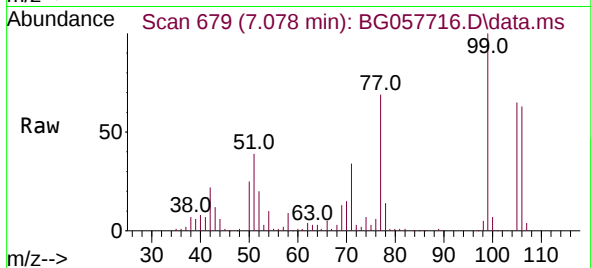




#9  
Benzaldehyde  
Concen: 36.464 ng  
RT: 7.078 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: BG057716.D  
Acq: 14 Jun 2023 20:48

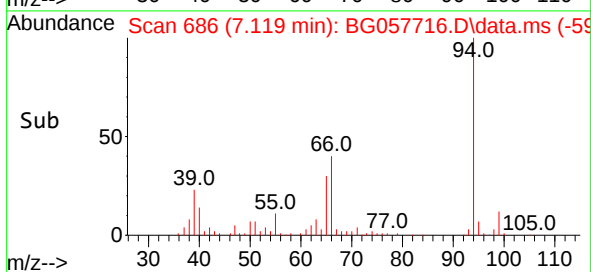
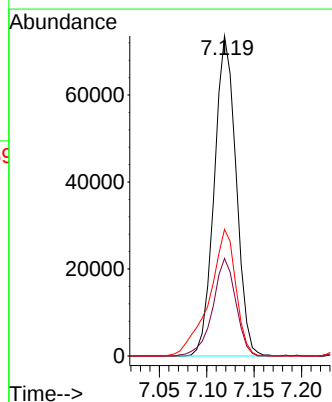
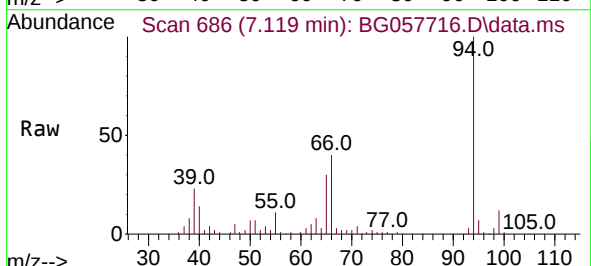
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC

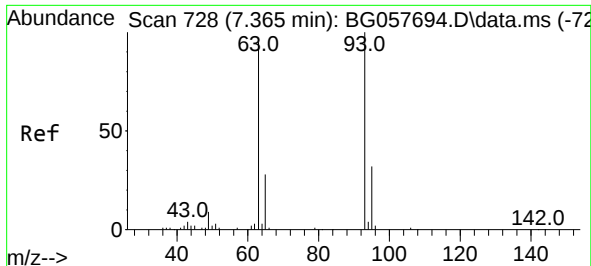
Tgt Ion: 77 Resp: 70631  
Ion Ratio Lower Upper  
77 100  
105 94.7 73.9 113.9  
106 91.2 68.2 108.2



#10  
Phenol  
Concen: 38.292 ng  
RT: 7.119 min Scan# 686  
Delta R.T. -0.005 min  
Lab File: BG057716.D  
Acq: 14 Jun 2023 20:48

Tgt Ion: 94 Resp: 117585  
Ion Ratio Lower Upper  
94 100  
65 30.5 11.5 51.5  
66 39.6 20.1 60.1

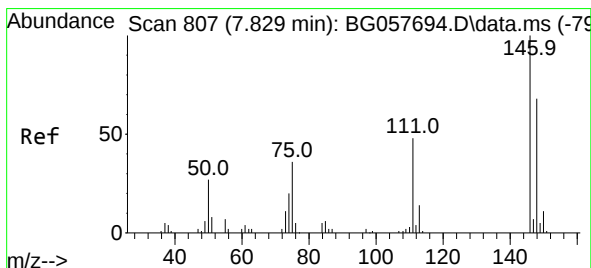
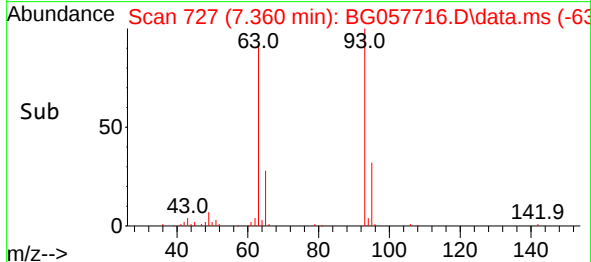
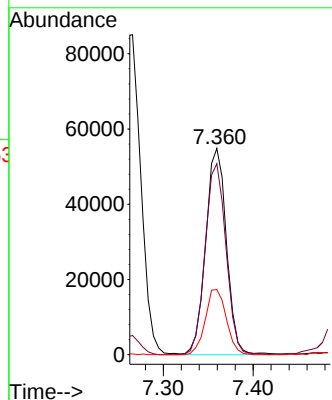
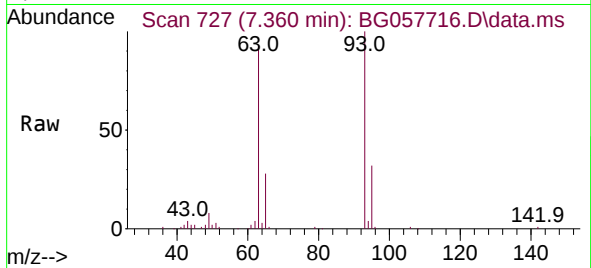




#11  
bis(2-Chloroethyl)ether  
Concen: 36.634 ng  
RT: 7.360 min Scan# 728  
Delta R.T. -0.005 min  
Lab File: BG057716.D  
Acq: 14 Jun 2023 20:48

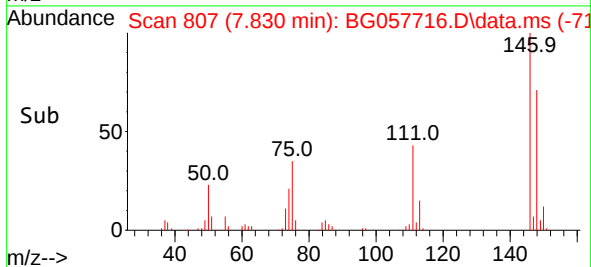
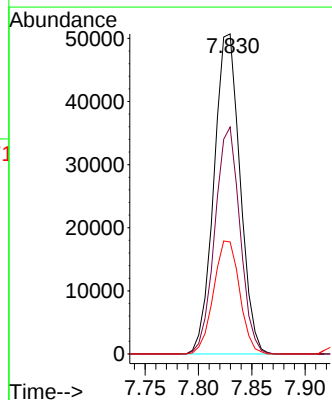
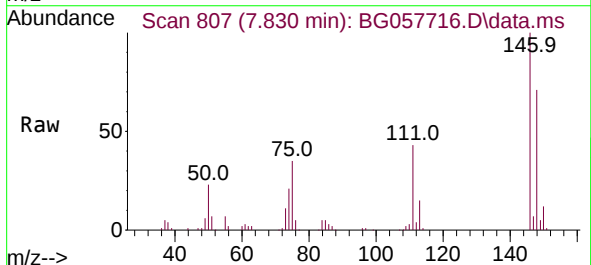
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC

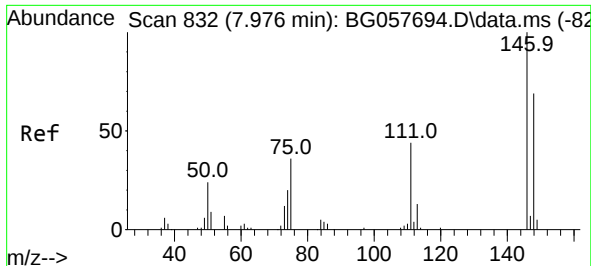
Tgt Ion: 93 Resp: 88170  
Ion Ratio Lower Upper  
93 100  
63 92.7 74.5 114.5  
95 31.6 12.1 52.1



#12  
1,3-Dichlorobenzene  
Concen: 38.003 ng  
RT: 7.830 min Scan# 807  
Delta R.T. 0.000 min  
Lab File: BG057716.D  
Acq: 14 Jun 2023 20:48

Tgt Ion: 146 Resp: 86218  
Ion Ratio Lower Upper  
146 100  
148 70.9 54.6 81.8  
75 35.0 28.7 43.1





#13

1,4-Dichlorobenzene

Concen: 38.762 ng

RT: 7.971 min Scan# 81

Delta R.T. -0.005 min

Lab File: BG057716.D

Acq: 14 Jun 2023 20:48

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040EC

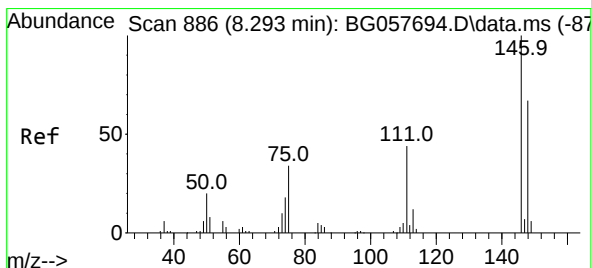
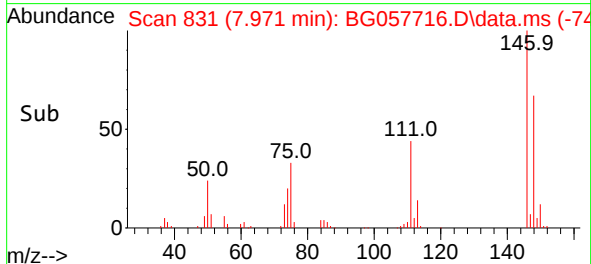
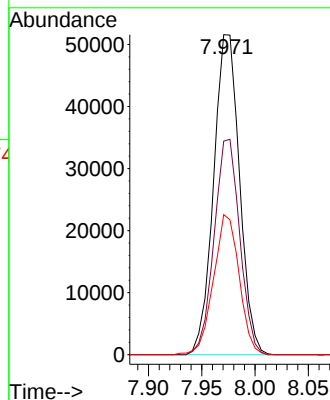
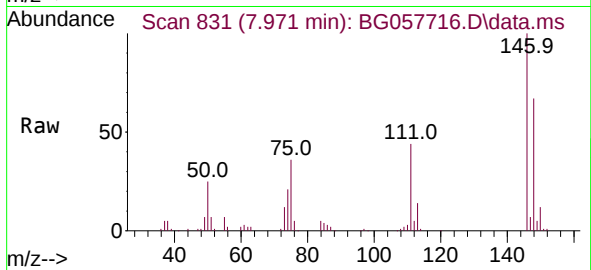
Tgt Ion:146 Resp: 87191

Ion Ratio Lower Upper

146 100

148 66.7 55.5 83.3

111 43.8 35.3 52.9



#14

1,2-Dichlorobenzene

Concen: 37.453 ng

RT: 8.294 min Scan# 886

Delta R.T. 0.000 min

Lab File: BG057716.D

Acq: 14 Jun 2023 20:48

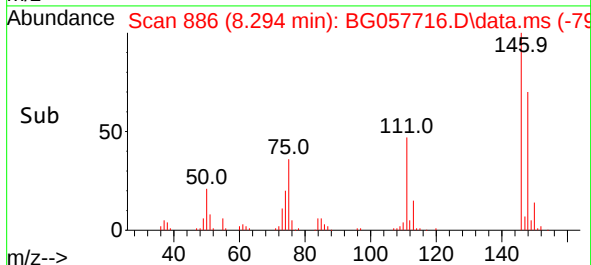
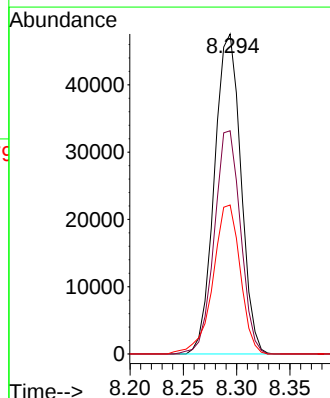
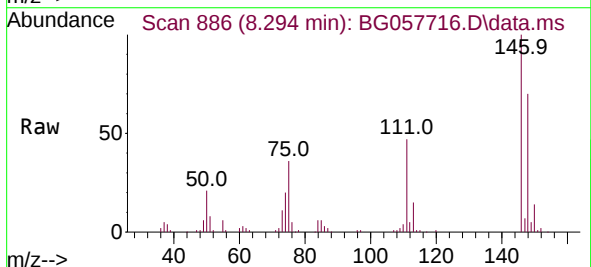
Tgt Ion:146 Resp: 81856

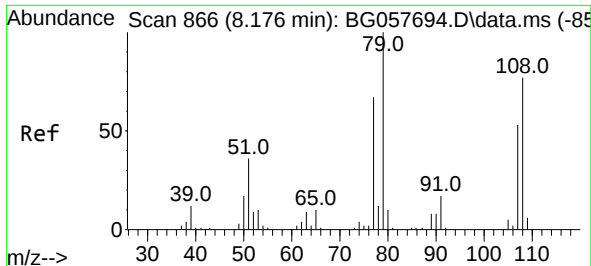
Ion Ratio Lower Upper

146 100

148 69.7 53.8 80.8

111 46.6 35.8 53.6

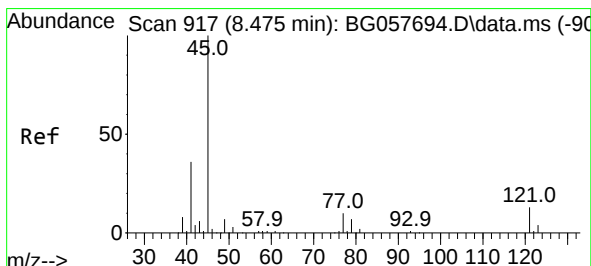
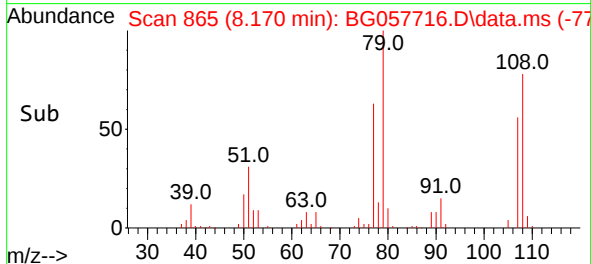
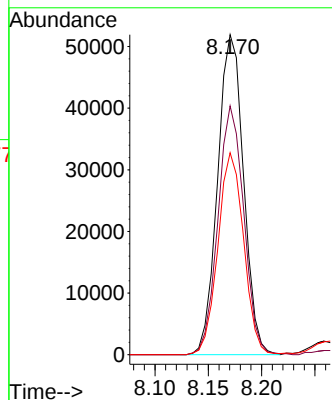
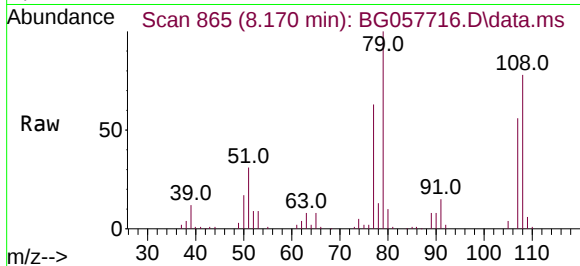




#15  
Benzyl Alcohol  
Concen: 36.396 ng  
RT: 8.170 min Scan# 866  
Delta R.T. -0.005 min  
Lab File: BG057716.D  
Acq: 14 Jun 2023 20:48

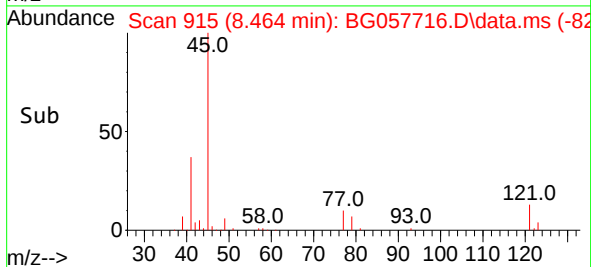
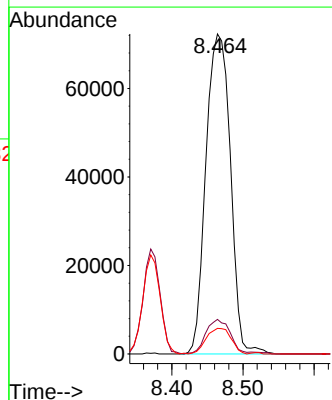
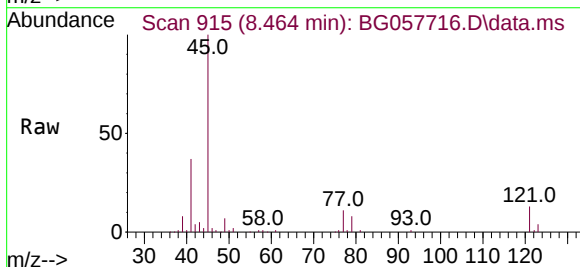
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC

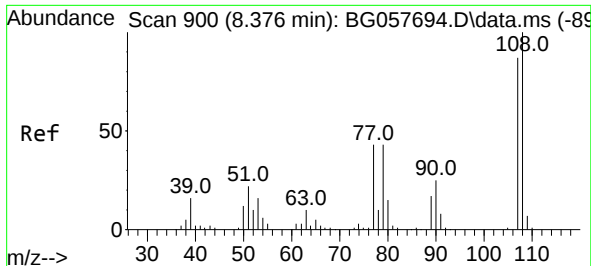
Tgt Ion: 79 Resp: 87596  
Ion Ratio Lower Upper  
79 100  
108 77.8 61.6 92.4  
77 63.1 53.2 79.8



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 33.010 ng  
RT: 8.464 min Scan# 915  
Delta R.T. -0.011 min  
Lab File: BG057716.D  
Acq: 14 Jun 2023 20:48

Tgt Ion: 45 Resp: 172994  
Ion Ratio Lower Upper  
45 100  
77 10.8 0.0 30.3  
79 8.0 0.0 26.9

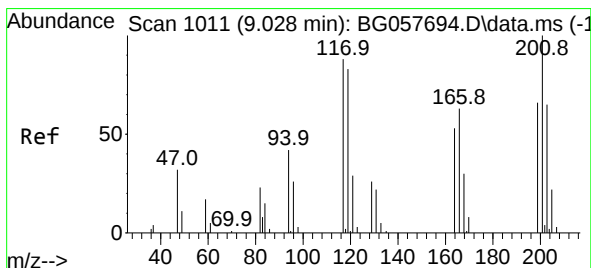
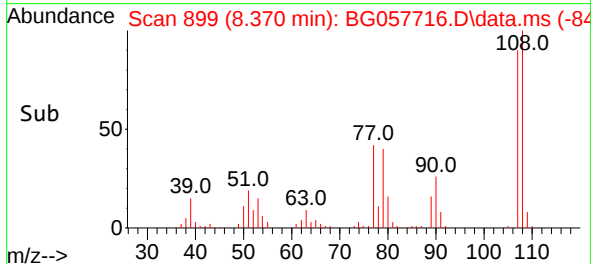
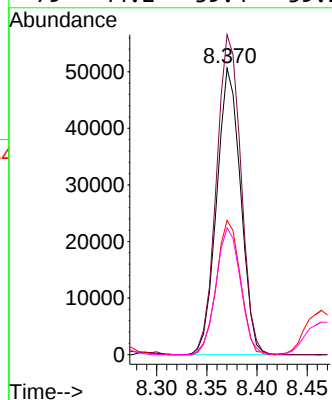
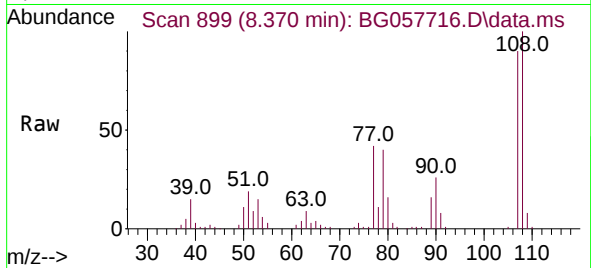




#17  
2-Methylphenol  
Concen: 37.113 ng  
RT: 8.370 min Scan# 899  
Delta R.T. -0.005 min  
Lab File: BG057716.D  
Acq: 14 Jun 2023 20:48

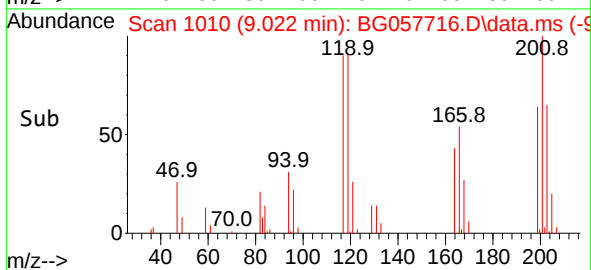
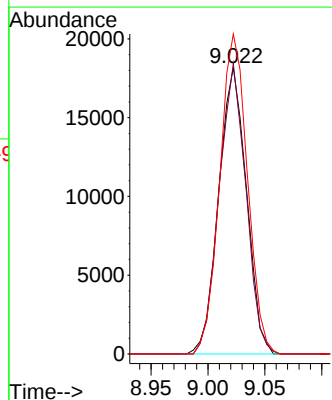
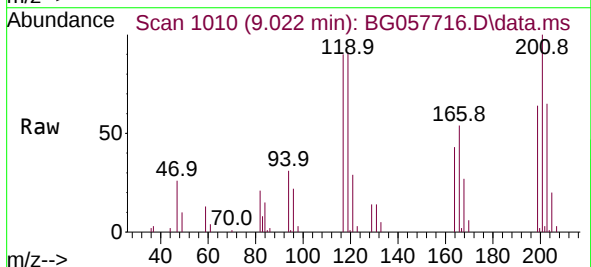
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC

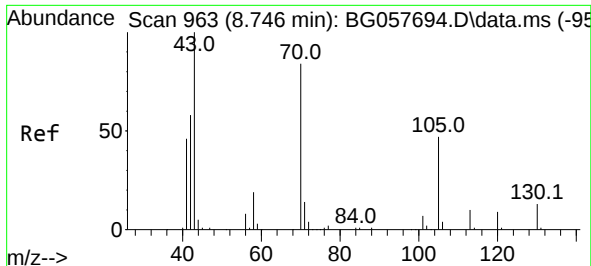
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 107   | Resp: | 83862 |
| Ion      | Ratio | Lower | Upper |
| 107      | 100   |       |       |
| 108      | 111.7 | 92.4  | 138.6 |
| 77       | 46.9  | 39.9  | 59.9  |
| 79       | 44.2  | 39.4  | 59.2  |



#18  
Hexachloroethane  
Concen: 44.400 ng  
RT: 9.022 min Scan# 1010  
Delta R.T. -0.005 min  
Lab File: BG057716.D  
Acq: 14 Jun 2023 20:48

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 30864 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 101.3 | 75.7  | 113.5 |
| 201      | 111.7 | 91.0  | 136.6 |



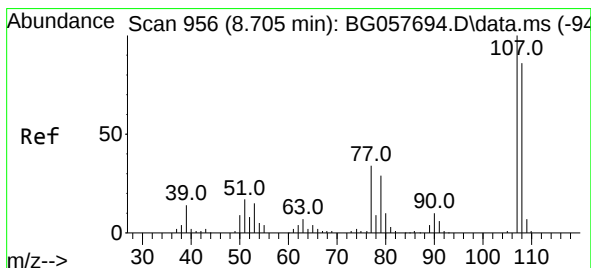
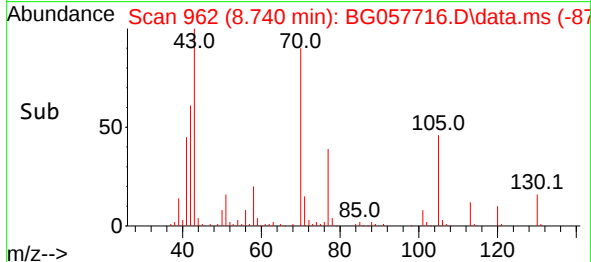
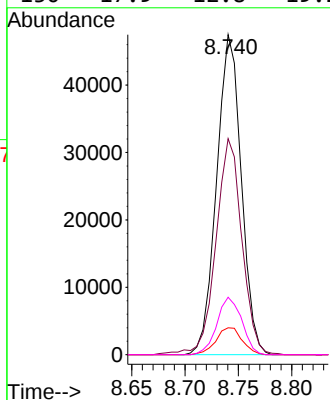
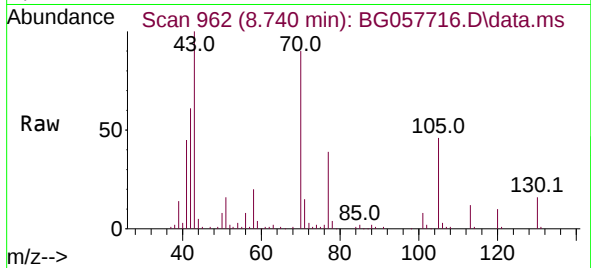


#19  
n-Nitroso-di-n-propylamine  
Concen: 33.602 ng  
RT: 8.740 min Scan# 963  
Delta R.T. -0.005 min  
Lab File: BG057716.D  
Acq: 14 Jun 2023 20:48

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC

Tgt Ion: 70 Resp: 76352

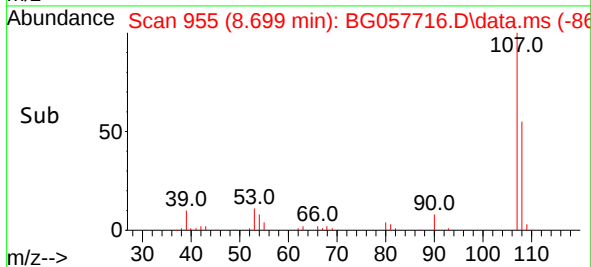
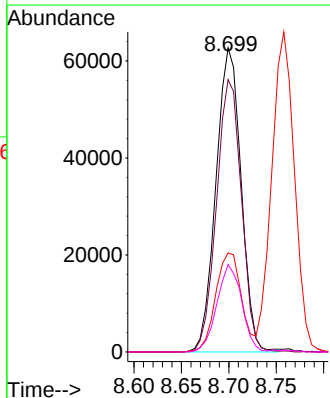
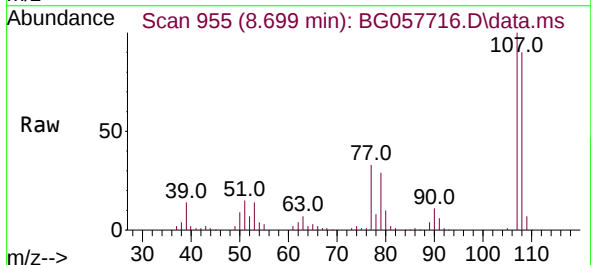
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 70  | 100   |       |       |
| 42  | 67.5  | 56.6  | 84.8  |
| 101 | 8.4   | 6.2   | 9.4   |
| 130 | 17.9  | 12.8  | 19.2  |

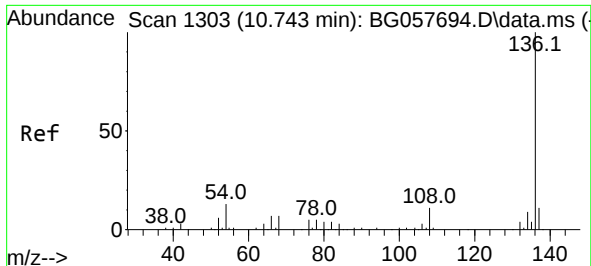


#20  
3+4-Methylphenols  
Concen: 37.467 ng  
RT: 8.699 min Scan# 955  
Delta R.T. -0.006 min  
Lab File: BG057716.D  
Acq: 14 Jun 2023 20:48

Tgt Ion: 107 Resp: 115757

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 107 | 100   |       |       |
| 108 | 89.5  | 66.3  | 106.3 |
| 77  | 32.6  | 13.9  | 53.9  |
| 79  | 28.7  | 9.2   | 49.2  |

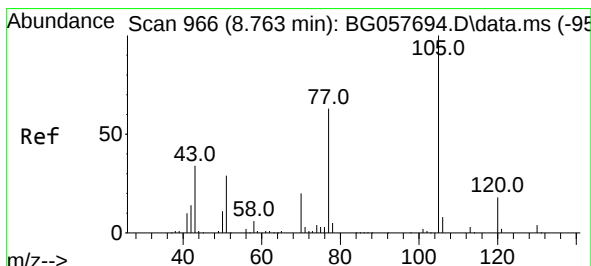
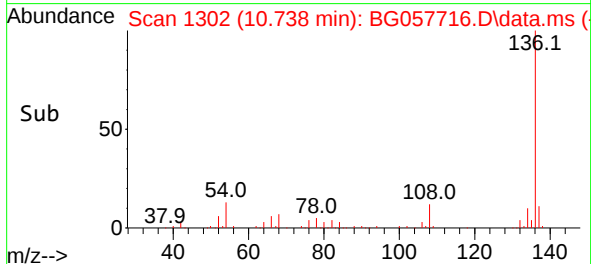
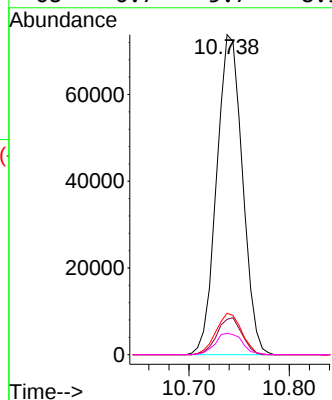
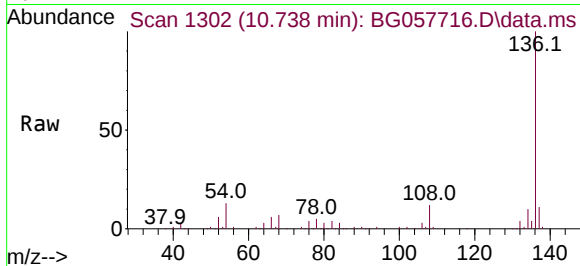




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.738 min Scan# 11  
Delta R.T. -0.005 min  
Lab File: BG057716.D  
Acq: 14 Jun 2023 20:48

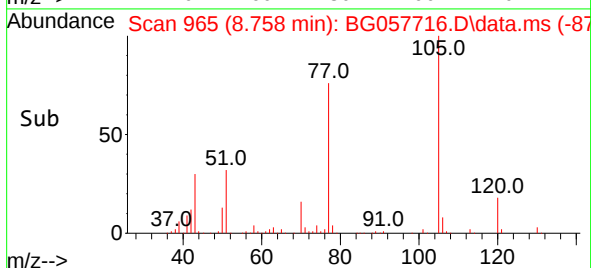
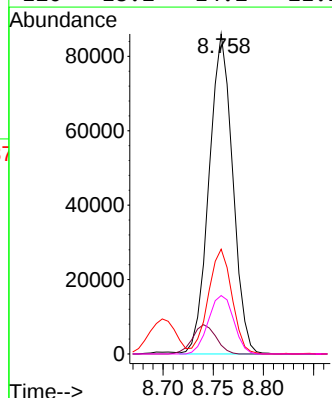
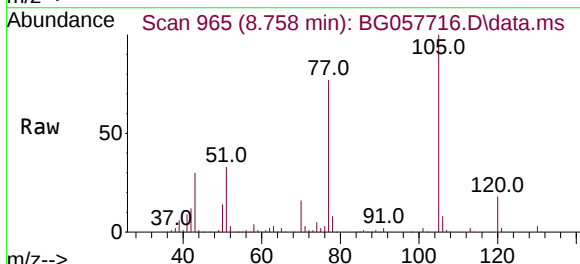
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC

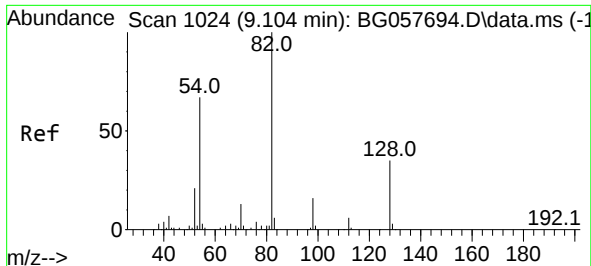
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 131621 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 11.1  | 8.6   | 13.0   |
| 54       | 13.0  | 10.8  | 16.2   |
| 68       | 6.7   | 5.7   | 8.5    |



#22  
Acetophenone  
Concen: 36.823 ng  
RT: 8.758 min Scan# 965  
Delta R.T. -0.005 min  
Lab File: BG057716.D  
Acq: 14 Jun 2023 20:48

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 105   | Resp: | 140803 |
| Ion      | Ratio | Lower | Upper  |
| 105      | 100   |       |        |
| 71       | 2.7   | 2.6   | 3.8    |
| 51       | 32.8  | 28.3  | 42.5   |
| 120      | 18.2  | 14.2  | 21.2   |

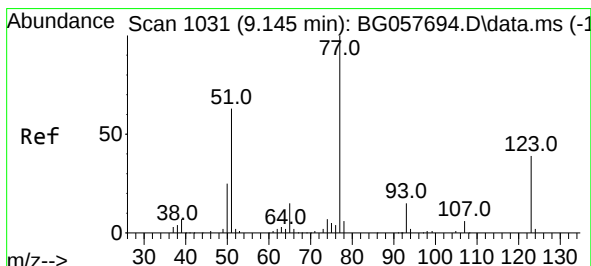
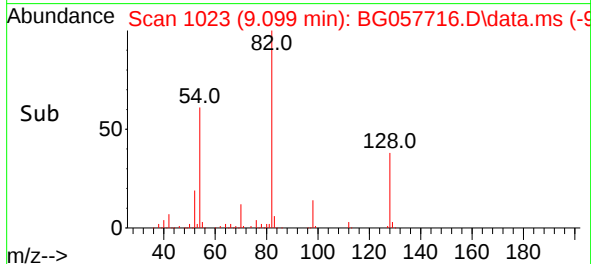
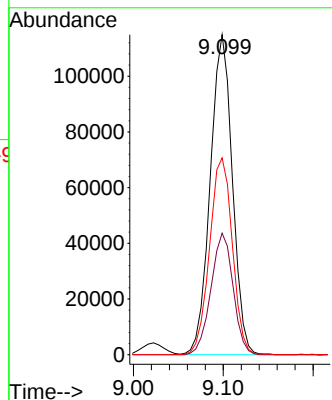
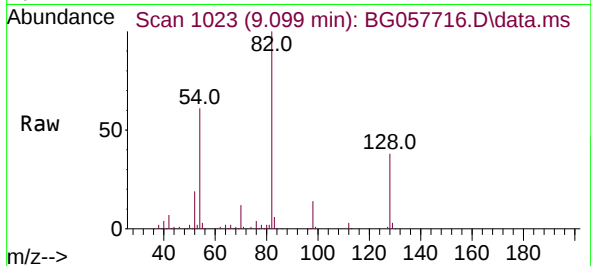




#23  
Nitrobenzene-d5  
Concen: 91.356 ng  
RT: 9.099 min Scan# 1023  
Delta R.T. -0.005 min  
Lab File: BG057716.D  
Acq: 14 Jun 2023 20:48

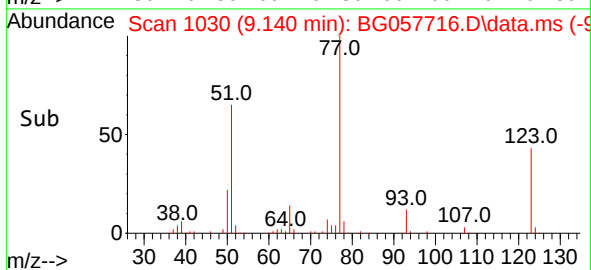
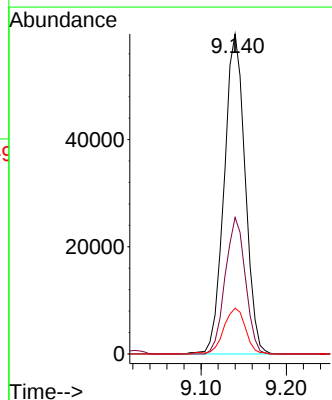
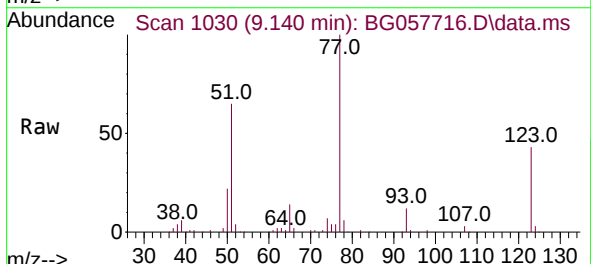
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC

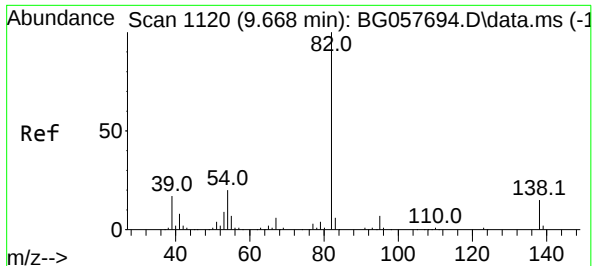
Tgt Ion: 82 Resp: 196462  
Ion Ratio Lower Upper  
82 100  
128 38.0 27.7 41.5  
54 61.5 53.8 80.8



#24  
Nitrobenzene  
Concen: 43.466 ng  
RT: 9.140 min Scan# 1030  
Delta R.T. -0.005 min  
Lab File: BG057716.D  
Acq: 14 Jun 2023 20:48

Tgt Ion: 77 Resp: 101866  
Ion Ratio Lower Upper  
77 100  
123 42.7 31.2 46.8  
65 14.3 11.6 17.4

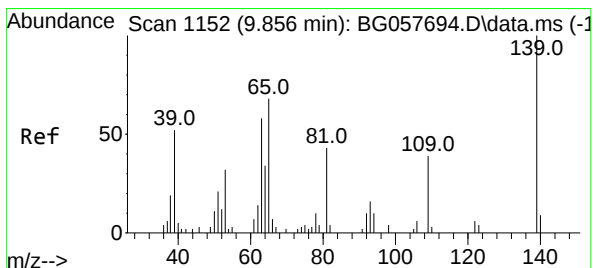
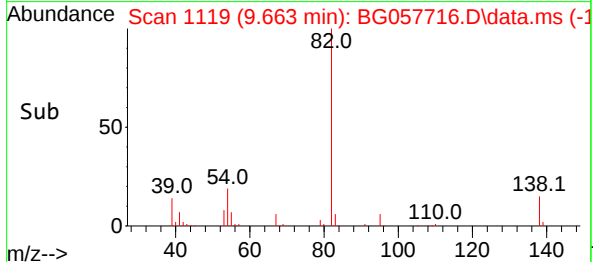
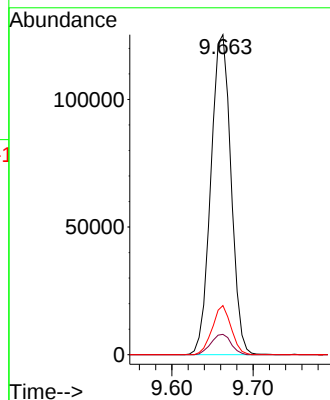
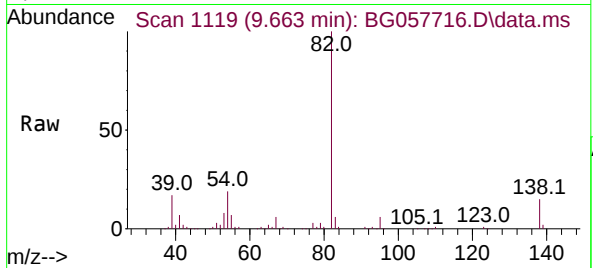




#25  
Isophorone  
Concen: 35.322 ng  
RT: 9.663 min Scan# 1119  
Delta R.T. -0.005 min  
Lab File: BG057716.D  
Acq: 14 Jun 2023 20:48

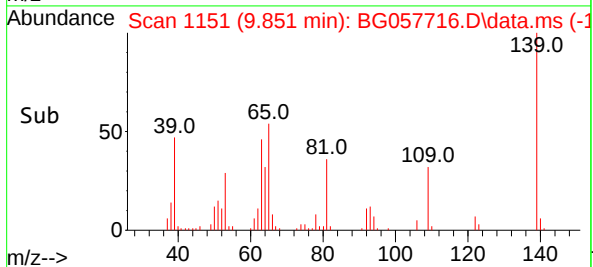
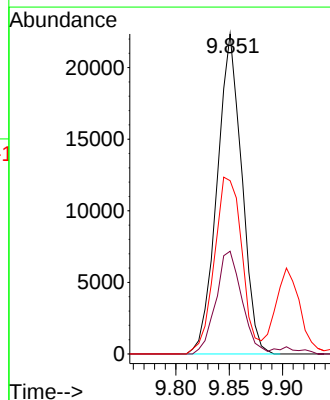
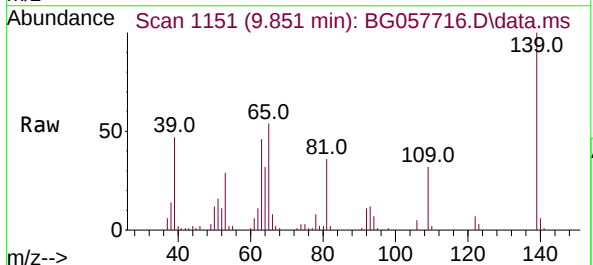
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC

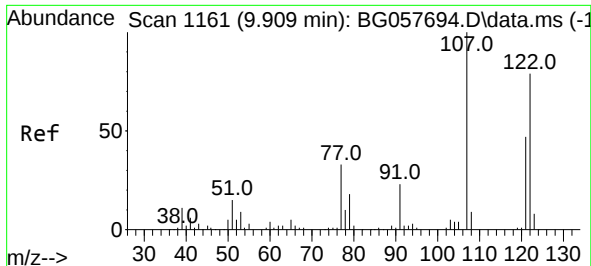
Tgt Ion: 82 Resp: 215487  
Ion Ratio Lower Upper  
82 100  
95 6.4 5.4 8.2  
138 15.4 11.8 17.6



#26  
2-Nitrophenol  
Concen: 57.004 ng  
RT: 9.851 min Scan# 1151  
Delta R.T. -0.005 min  
Lab File: BG057716.D  
Acq: 14 Jun 2023 20:48

Tgt Ion: 139 Resp: 36052  
Ion Ratio Lower Upper  
139 100  
109 32.1 30.9 46.3  
65 54.2 54.5 81.7#





#27

2,4-Dimethylphenol

Concen: 41.005 ng

RT: 9.909 min Scan# 1161

Delta R.T. 0.000 min

Lab File: BG057716.D

Acq: 14 Jun 2023 20:48

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040EC

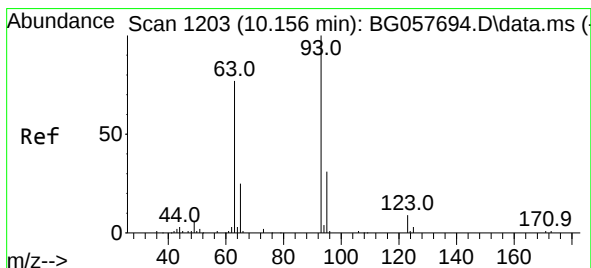
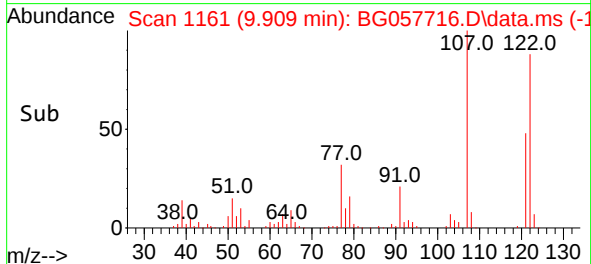
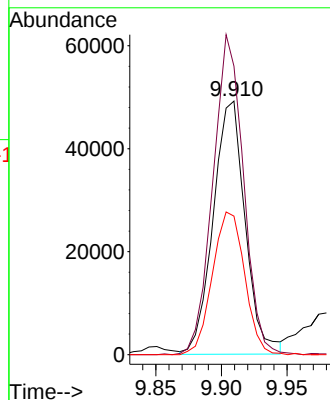
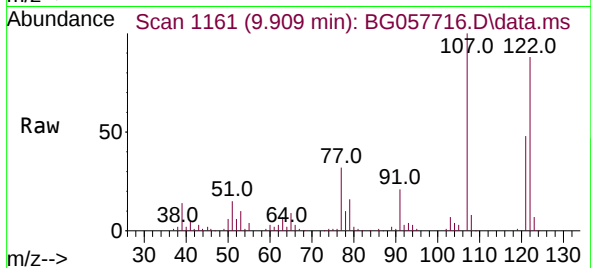
Tgt Ion:122 Resp: 83532

Ion Ratio Lower Upper

122 100

107 113.8 100.6 150.8

121 54.6 47.4 71.2



#28

bis(2-Chloroethoxy)methane

Concen: 37.051 ng

RT: 10.145 min Scan# 1201

Delta R.T. -0.011 min

Lab File: BG057716.D

Acq: 14 Jun 2023 20:48

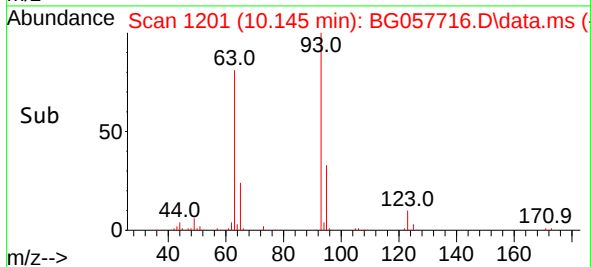
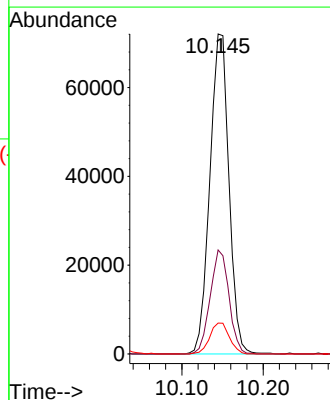
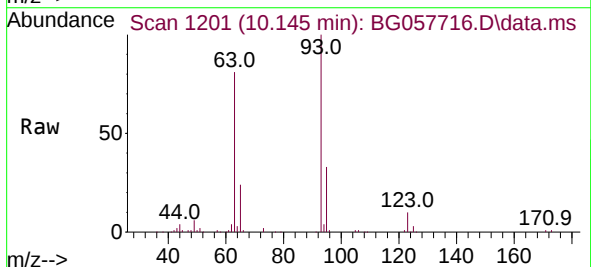
Tgt Ion: 93 Resp: 117503

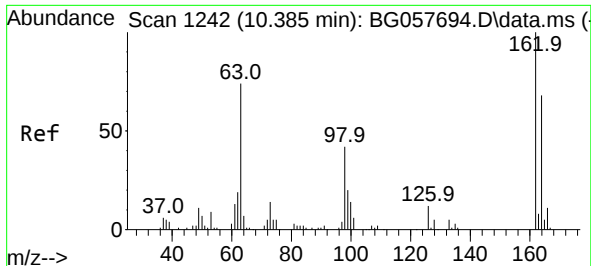
Ion Ratio Lower Upper

93 100

95 32.5 24.9 37.3

123 9.7 7.2 10.8





#29

2,4-Dichlorophenol

Concen: 45.465 ng

RT: 10.380 min Scan# 1

Delta R.T. -0.005 min

Lab File: BG057716.D

Acq: 14 Jun 2023 20:48

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040EC

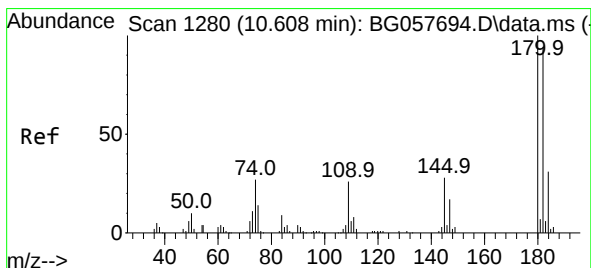
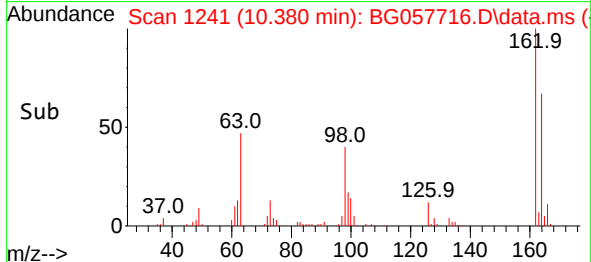
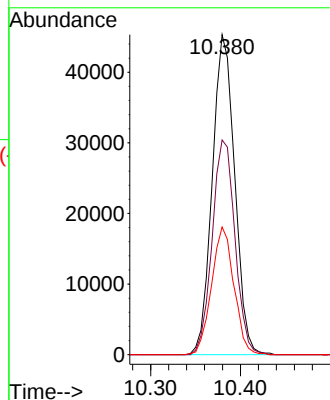
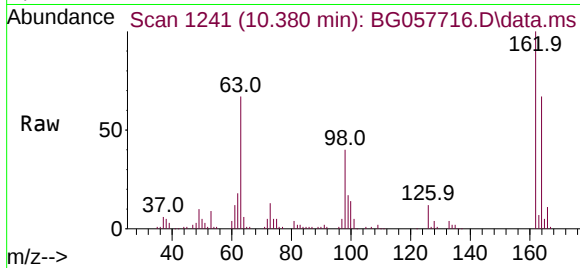
Tgt Ion:162 Resp: 78566

Ion Ratio Lower Upper

162 100

164 67.1 47.9 87.9

98 39.9 22.4 62.4



#30

1,2,4-Trichlorobenzene

Concen: 39.793 ng

RT: 10.603 min Scan# 1279

Delta R.T. -0.005 min

Lab File: BG057716.D

Acq: 14 Jun 2023 20:48

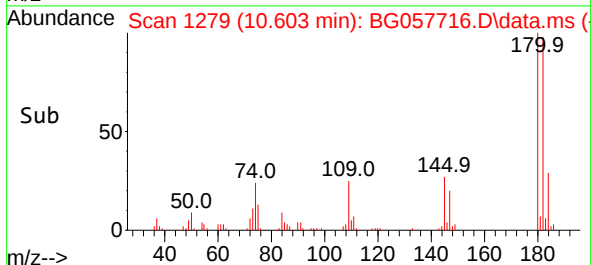
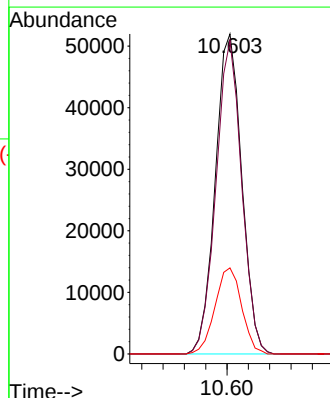
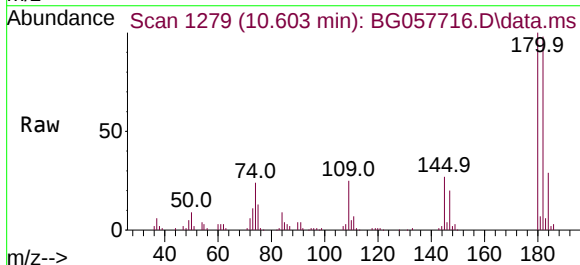
Tgt Ion:180 Resp: 89375

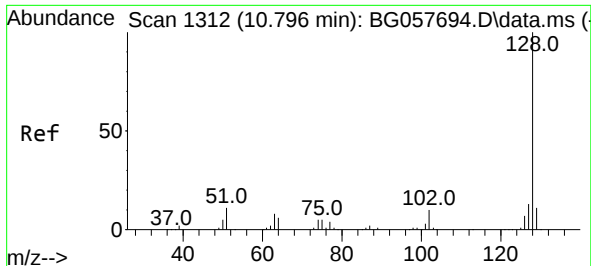
Ion Ratio Lower Upper

180 100

182 97.9 74.8 112.2

145 26.9 22.6 34.0

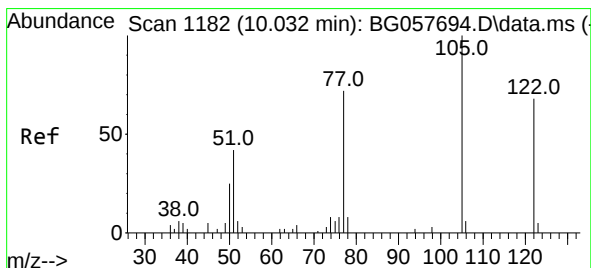
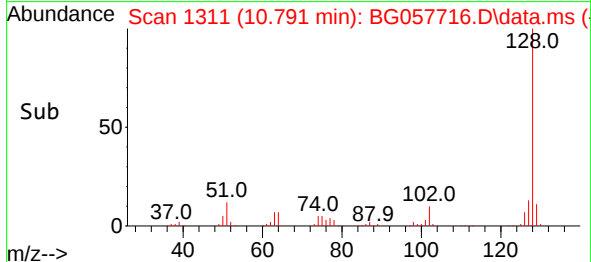
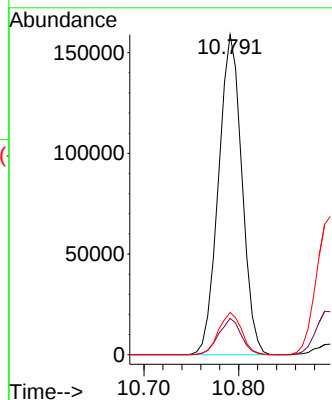
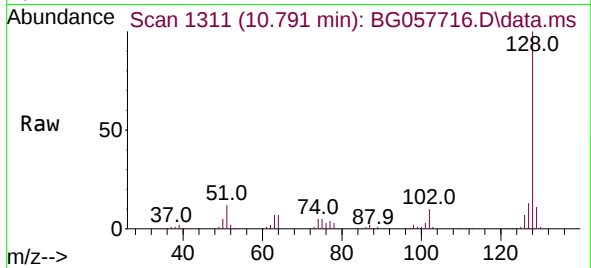




#31  
Naphthalene  
Concen: 38.550 ng  
RT: 10.791 min Scan# 11  
Delta R.T. -0.005 min  
Lab File: BG057716.D  
Acq: 14 Jun 2023 20:48

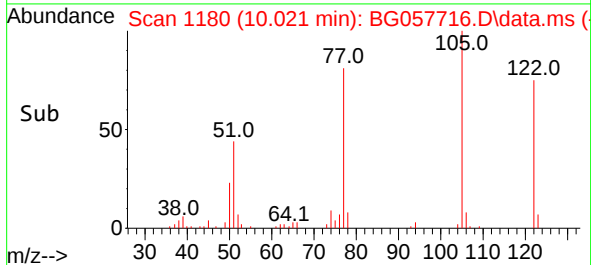
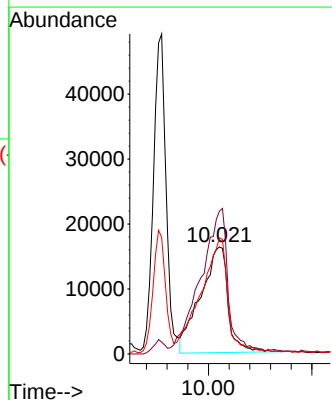
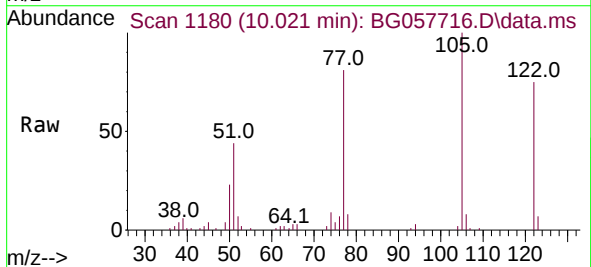
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC

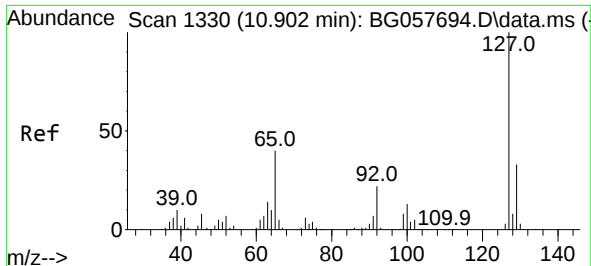
Tgt Ion:128 Resp: 272697  
Ion Ratio Lower Upper  
128 100  
129 11.4 8.7 13.1  
127 13.2 10.0 15.0



#32  
Benzoic acid  
Concen: 75.290 ng  
RT: 10.021 min Scan# 1180  
Delta R.T. -0.011 min  
Lab File: BG057716.D  
Acq: 14 Jun 2023 20:48

Tgt Ion:122 Resp: 59936  
Ion Ratio Lower Upper  
122 100  
105 133.4 113.8 153.8  
77 108.4 81.0 121.0

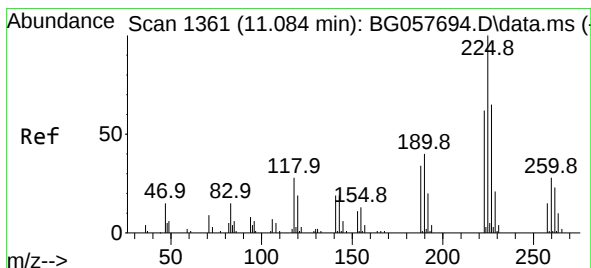
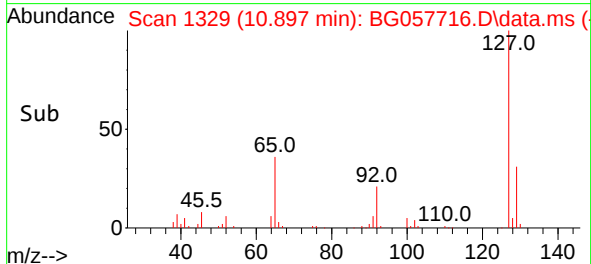
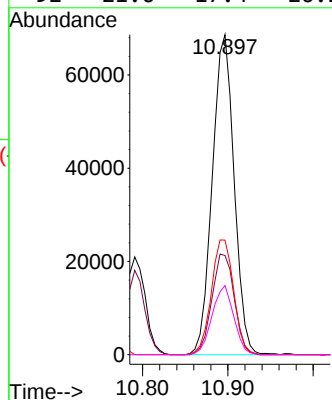
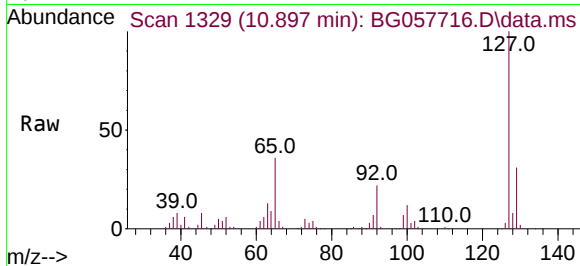




#33  
4-Chloroaniline  
Concen: 37.083 ng  
RT: 10.897 min Scan# 11  
Delta R.T. -0.005 min  
Lab File: BG057716.D  
Acq: 14 Jun 2023 20:48

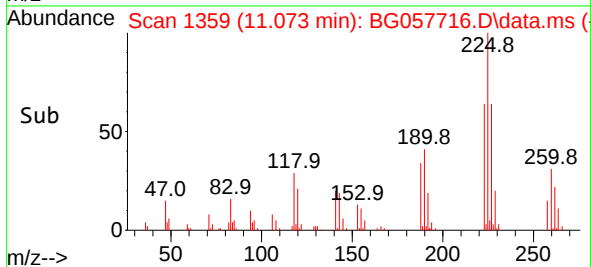
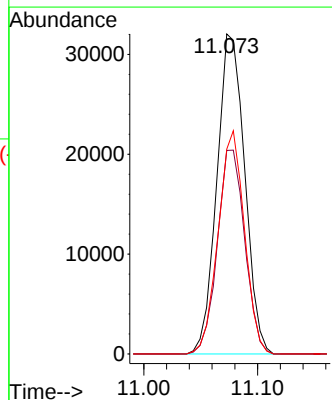
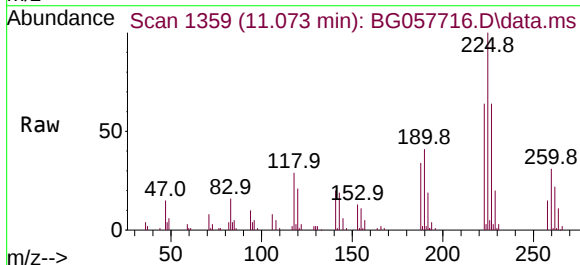
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC

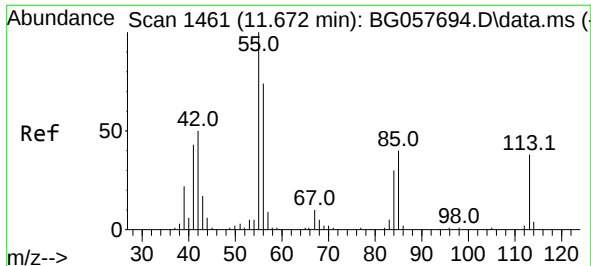
|     |         |       |        |
|-----|---------|-------|--------|
| Tgt | Ion:127 | Resp: | 122132 |
| Ion | Ratio   | Lower | Upper  |
| 127 | 100     |       |        |
| 129 | 31.0    | 26.6  | 39.8   |
| 65  | 35.8    | 31.7  | 47.5   |
| 92  | 21.6    | 17.4  | 26.2   |



#34  
Hexachlorobutadiene  
Concen: 38.615 ng  
RT: 11.073 min Scan# 1359  
Delta R.T. -0.011 min  
Lab File: BG057716.D  
Acq: 14 Jun 2023 20:48

|             |             |
|-------------|-------------|
| Tgt Ion:225 | Resp: 54540 |
| Ion Ratio   | Lower Upper |
| 225 100     |             |
| 223 63.6    | 52.0 78.0   |
| 227 64.0    | 51.8 77.8   |

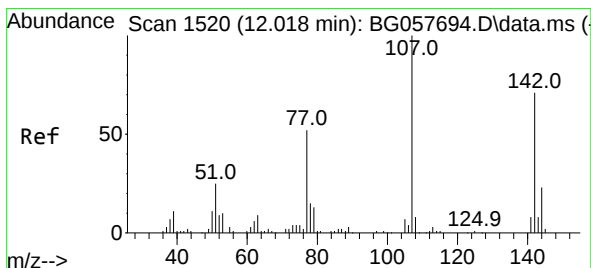
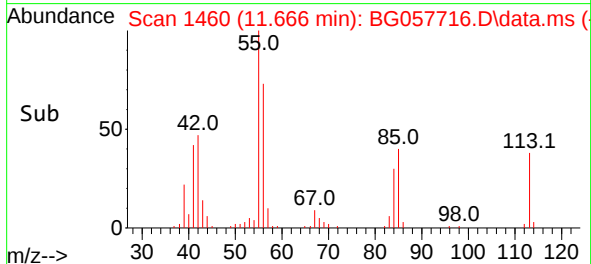
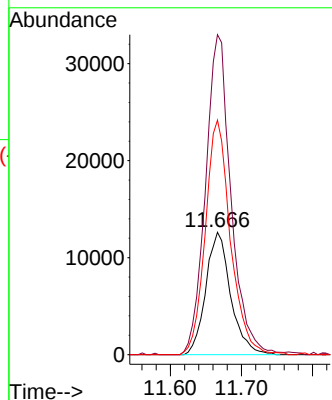
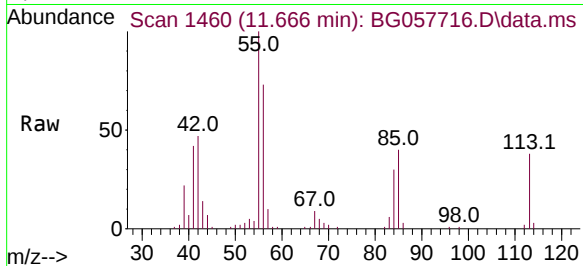




#35  
Caprolactam  
Concen: 43.049 ng  
RT: 11.666 min Scan# 1461  
Delta R.T. -0.005 min  
Lab File: BG057716.D  
Acq: 14 Jun 2023 20:48

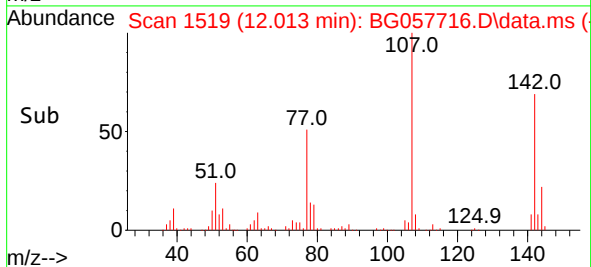
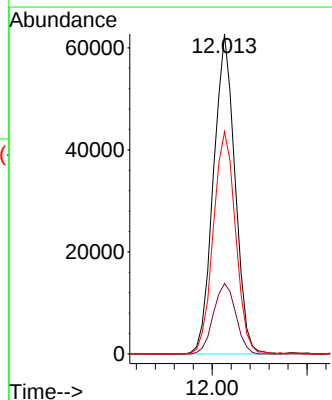
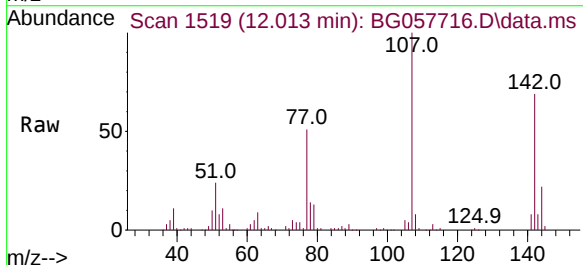
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC

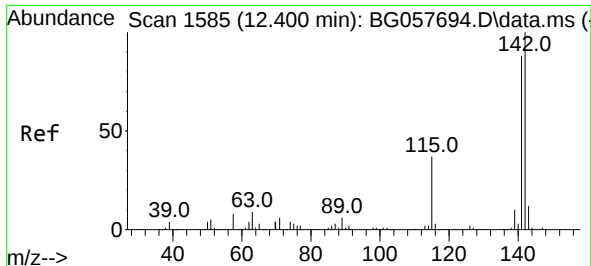
Tgt Ion:113 Resp: 30688  
Ion Ratio Lower Upper  
113 100  
55 261.3 239.9 279.9  
56 191.5 171.9 211.9



#36  
4-Chloro-3-methylphenol  
Concen: 40.401 ng  
RT: 12.013 min Scan# 1519  
Delta R.T. -0.005 min  
Lab File: BG057716.D  
Acq: 14 Jun 2023 20:48

Tgt Ion:107 Resp: 98908  
Ion Ratio Lower Upper  
107 100  
144 22.0 18.7 28.1  
142 69.5 56.7 85.1

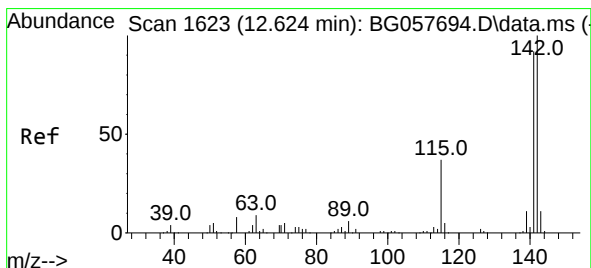
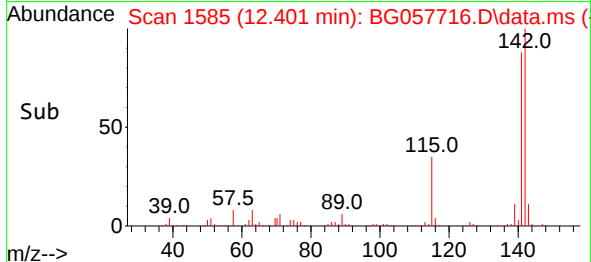
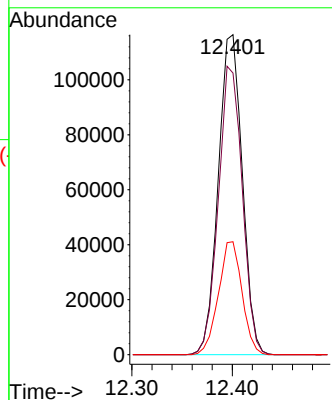
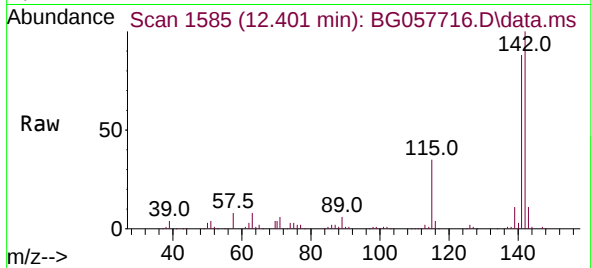




#37  
2-Methylnaphthalene  
Concen: 36.964 ng  
RT: 12.401 min Scan# 1585  
Delta R.T. 0.000 min  
Lab File: BG057716.D  
Acq: 14 Jun 2023 20:48

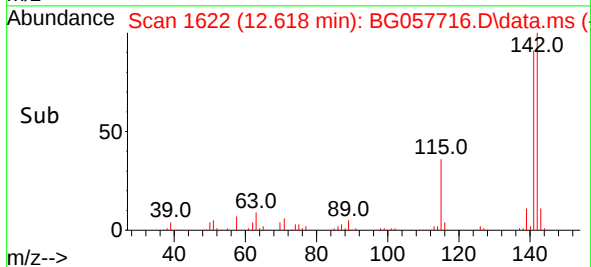
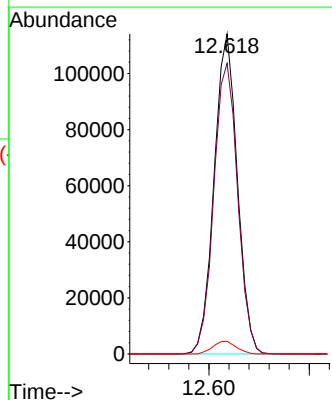
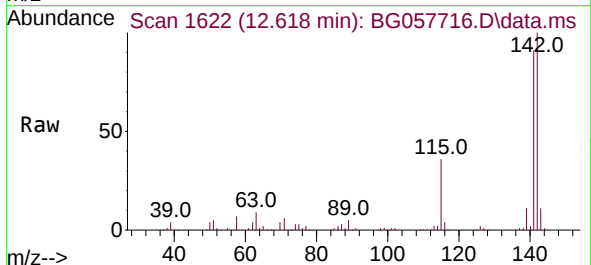
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC

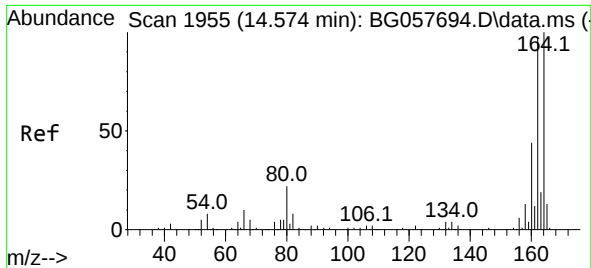
Tgt Ion:142 Resp: 193448  
Ion Ratio Lower Upper  
142 100  
141 88.0 70.6 105.8  
115 35.3 29.4 44.0



#38  
1-Methylnaphthalene  
Concen: 37.251 ng  
RT: 12.618 min Scan# 1622  
Delta R.T. -0.006 min  
Lab File: BG057716.D  
Acq: 14 Jun 2023 20:48

Tgt Ion:142 Resp: 182889  
Ion Ratio Lower Upper  
142 100  
141 90.8 73.4 110.0  
116 3.9 3.6 5.4

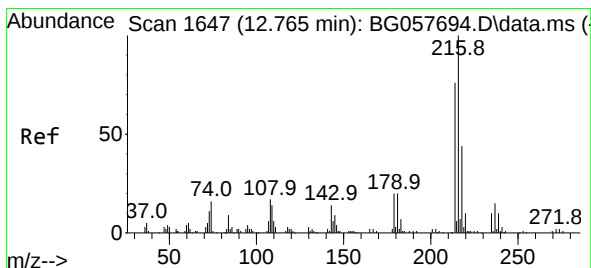
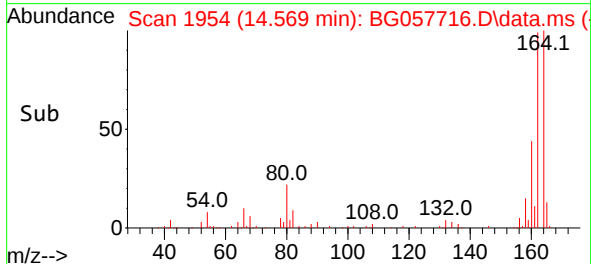
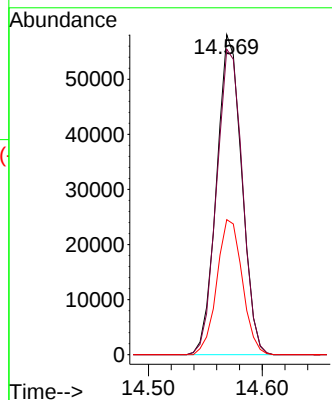
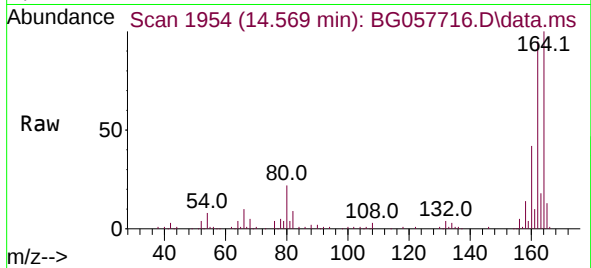




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.569 min Scan# 1954  
Delta R.T. -0.005 min  
Lab File: BG057716.D  
Acq: 14 Jun 2023 20:48

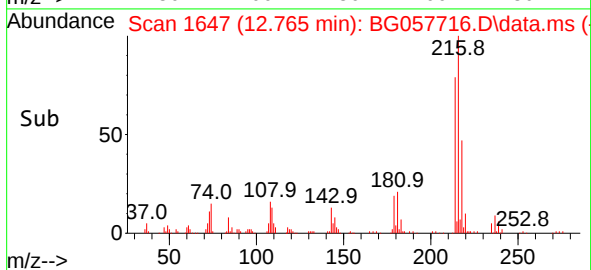
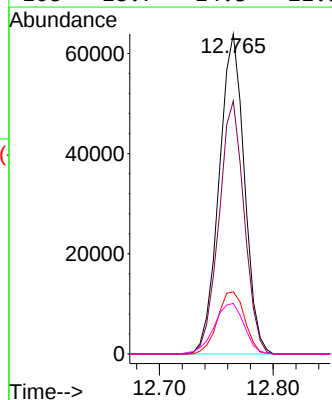
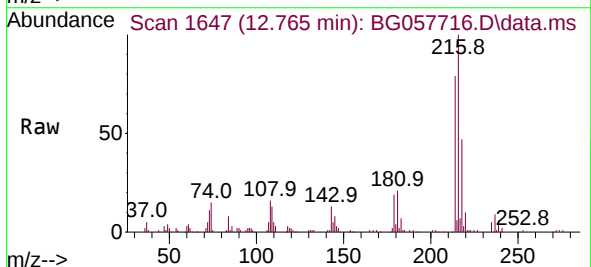
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC

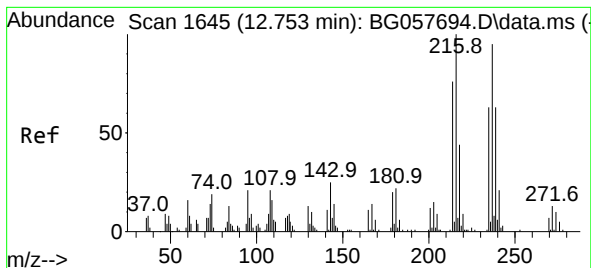
Tgt Ion:164 Resp: 89261  
Ion Ratio Lower Upper  
164 100  
162 95.5 77.7 116.5  
160 42.2 35.1 52.7



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 39.019 ng  
RT: 12.765 min Scan# 1647  
Delta R.T. 0.000 min  
Lab File: BG057716.D  
Acq: 14 Jun 2023 20:48

Tgt Ion:216 Resp: 98593  
Ion Ratio Lower Upper  
216 100  
214 78.9 63.7 95.5  
179 20.9 16.7 25.1  
108 18.7 14.3 21.5





#41

Hexachlorocyclopentadiene

Concen: 55.144 ng

RT: 12.747 min Scan# 1

Delta R.T. -0.005 min

Lab File: BG057716.D

Acq: 14 Jun 2023 20:48

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040EC

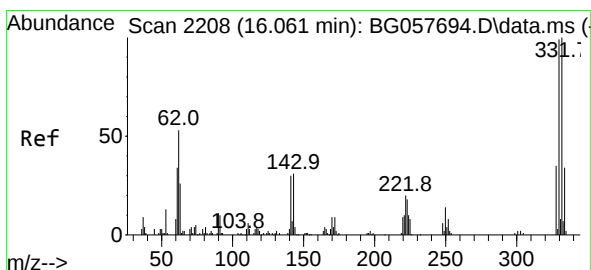
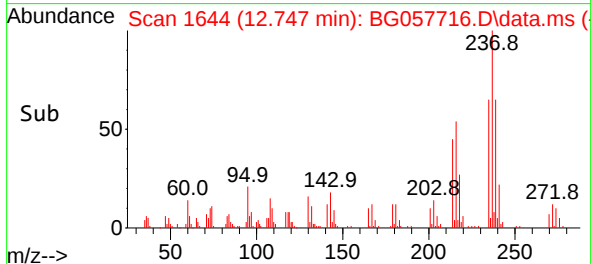
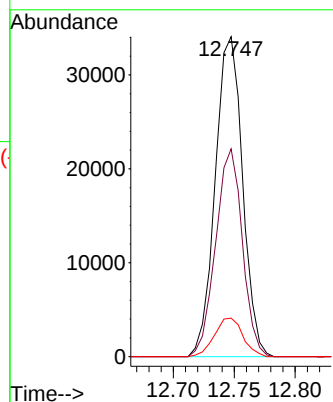
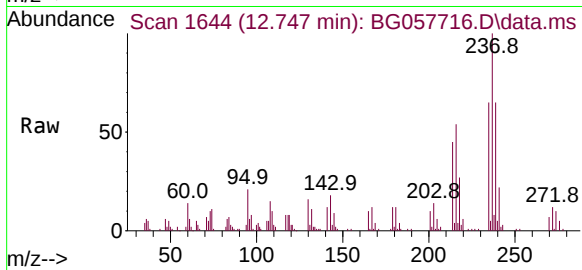
Tgt Ion:237 Resp: 53144

Ion Ratio Lower Upper

237 100

235 65.0 46.7 86.7

272 12.1 0.0 33.8



#42

2,4,6-Tribromophenol

Concen: 97.950 ng

RT: 16.055 min Scan# 2207

Delta R.T. -0.006 min

Lab File: BG057716.D

Acq: 14 Jun 2023 20:48

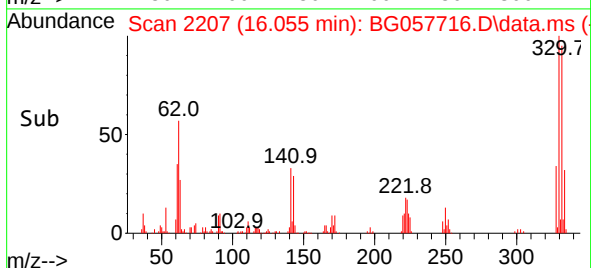
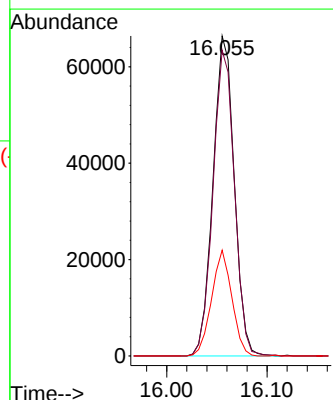
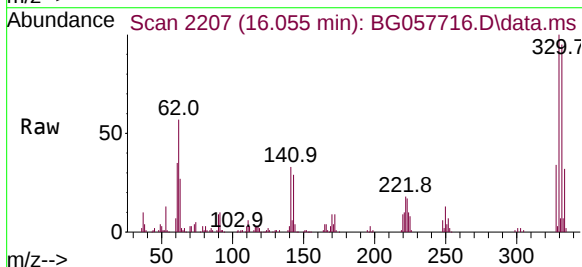
Tgt Ion:330 Resp: 97543

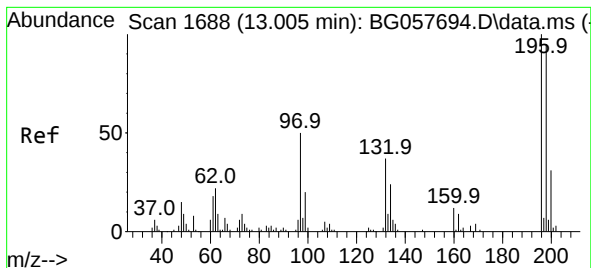
Ion Ratio Lower Upper

330 100

332 96.4 79.0 118.6

141 31.6 25.0 37.6





#43

2,4,6-Trichlorophenol

Concen: 43.179 ng

RT: 13.000 min Scan# 1

Delta R.T. -0.005 min

Lab File: BG057716.D

Acq: 14 Jun 2023 20:48

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040EC

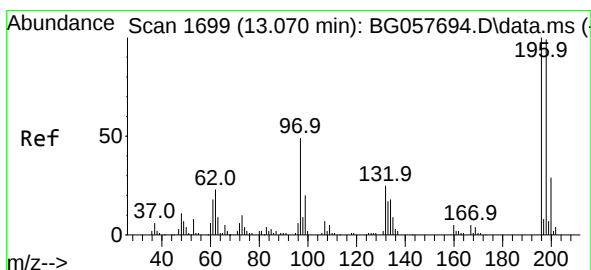
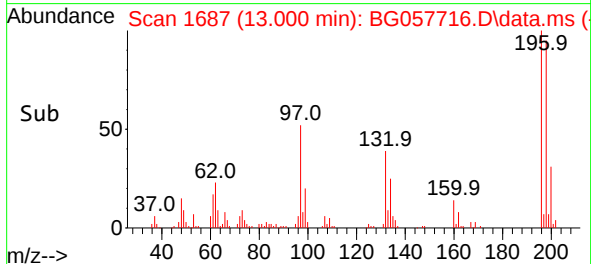
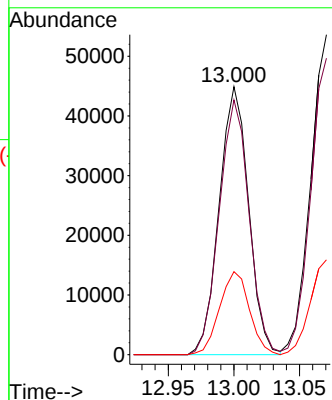
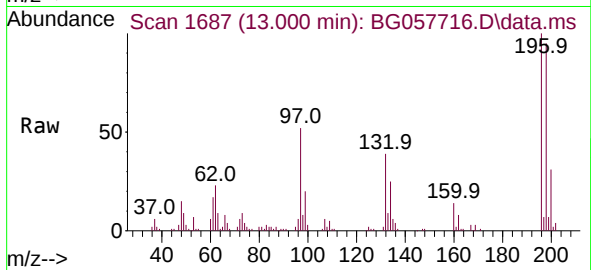
Tgt Ion:196 Resp: 70024

Ion Ratio Lower Upper

196 100

198 95.0 75.8 113.6

200 31.0 24.6 37.0



#44

2,4,5-Trichlorophenol

Concen: 43.592 ng

RT: 13.070 min Scan# 1699

Delta R.T. 0.000 min

Lab File: BG057716.D

Acq: 14 Jun 2023 20:48

Tgt Ion:196 Resp: 83668

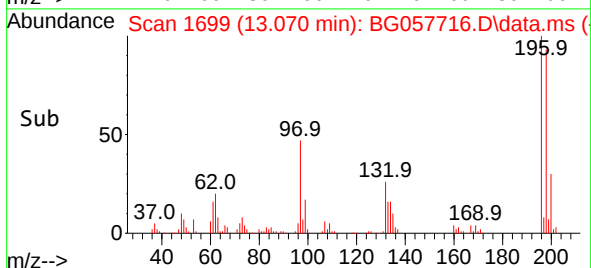
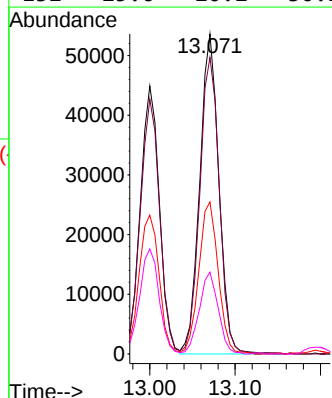
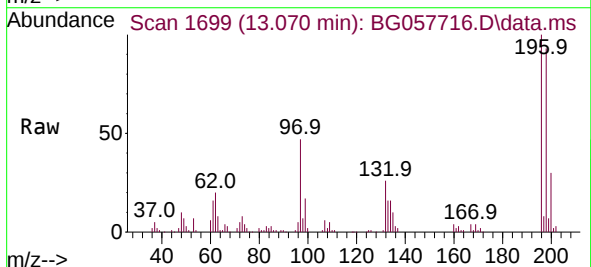
Ion Ratio Lower Upper

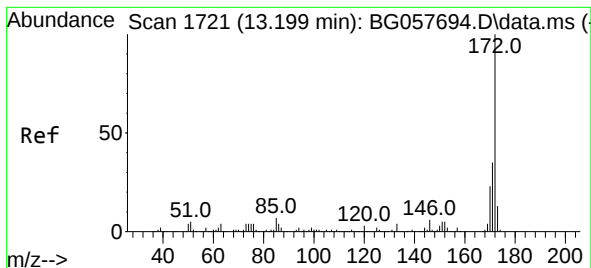
196 100

198 92.6 79.2 118.8

97 47.5 39.9 59.9

132 25.6 20.2 30.2





#45

2-Fluorobiphenyl

Concen: 76.984 ng

RT: 13.194 min Scan# 1

Delta R.T. -0.005 min

Lab File: BG057716.D

Acq: 14 Jun 2023 20:48

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040EC

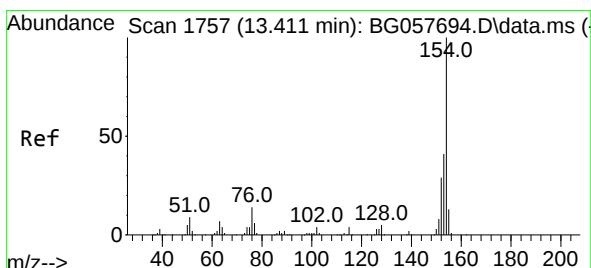
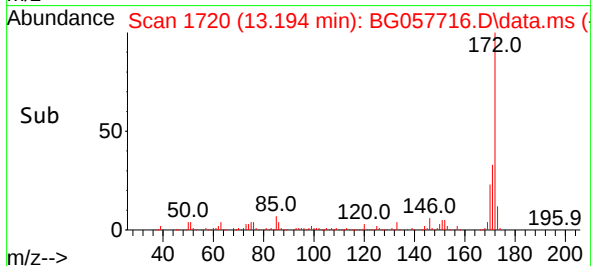
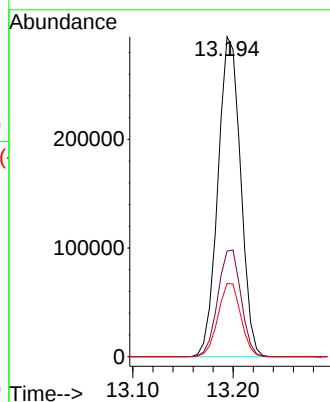
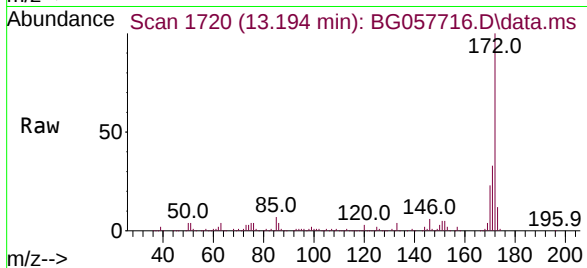
Tgt Ion:172 Resp: 460999

Ion Ratio Lower Upper

172 100

171 33.0 27.9 41.9

170 22.8 18.2 27.4



#46

1,1'-Biphenyl

Concen: 38.474 ng

RT: 13.405 min Scan# 1756

Delta R.T. -0.006 min

Lab File: BG057716.D

Acq: 14 Jun 2023 20:48

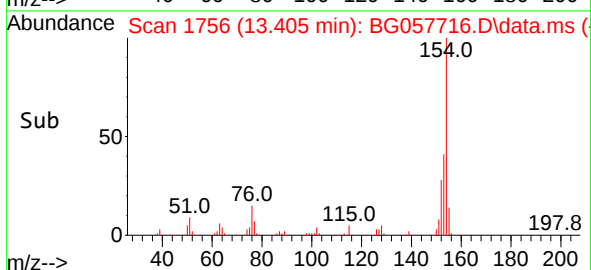
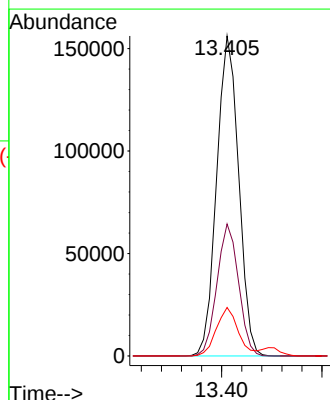
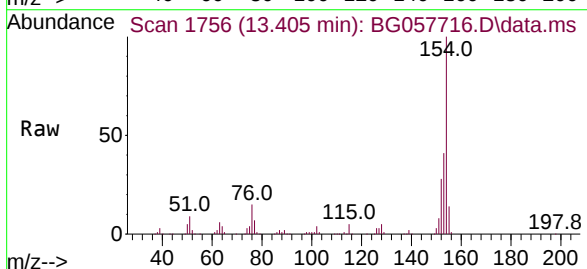
Tgt Ion:154 Resp: 237279

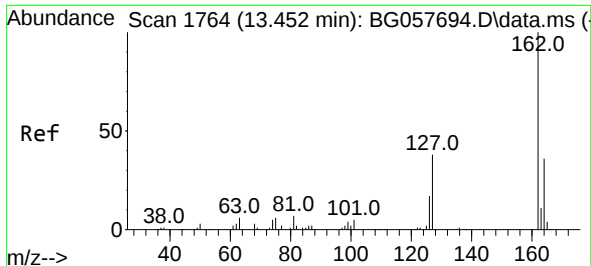
Ion Ratio Lower Upper

154 100

153 41.3 21.0 61.0

76 15.1 0.0 33.9

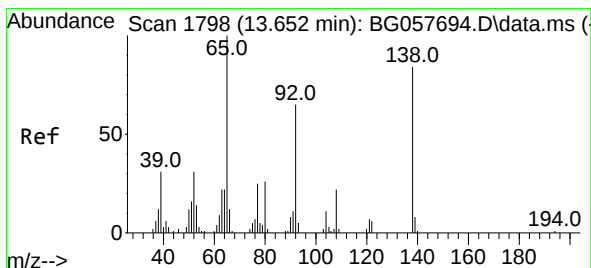
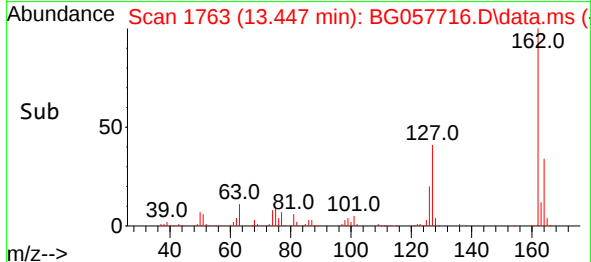
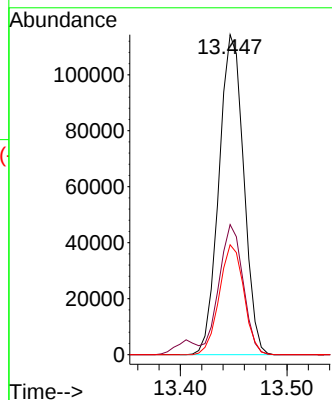
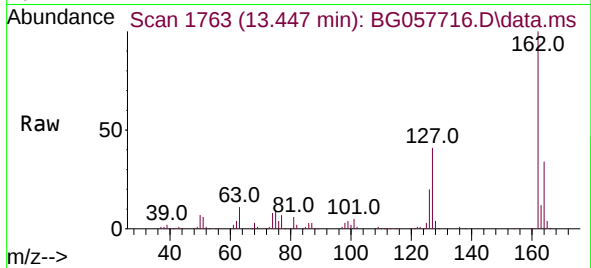




#47  
2-Chloronaphthalene  
Concen: 39.499 ng  
RT: 13.447 min Scan# 1763  
Delta R.T. -0.005 min  
Lab File: BG057716.D  
Acq: 14 Jun 2023 20:48

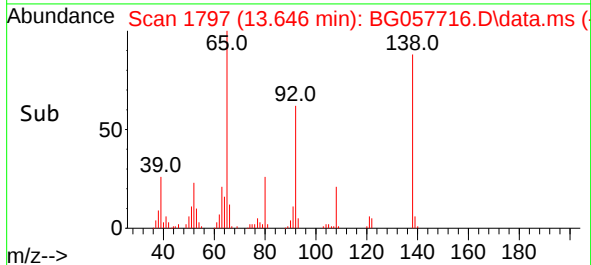
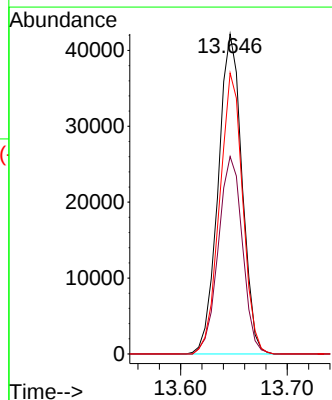
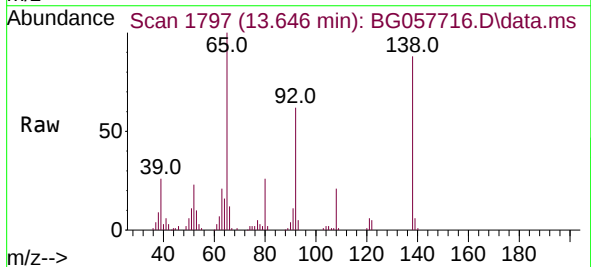
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC

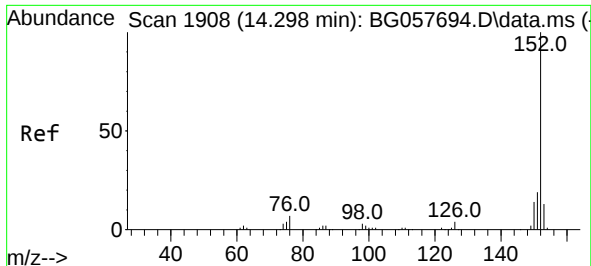
Tgt Ion:162 Resp: 184115  
Ion Ratio Lower Upper  
162 100  
127 40.7 32.6 49.0  
164 34.4 29.0 43.4



#48  
2-Nitroaniline  
Concen: 50.957 ng  
RT: 13.646 min Scan# 1797  
Delta R.T. -0.006 min  
Lab File: BG057716.D  
Acq: 14 Jun 2023 20:48

Tgt Ion: 65 Resp: 65397  
Ion Ratio Lower Upper  
65 100  
92 61.7 52.2 78.4  
138 87.8 67.0 100.4

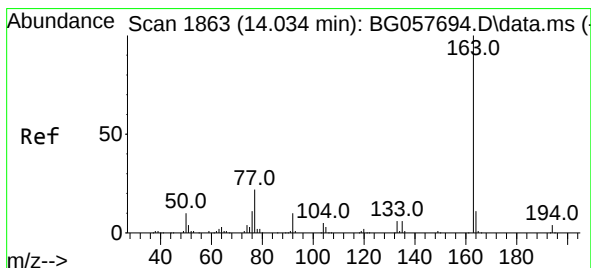
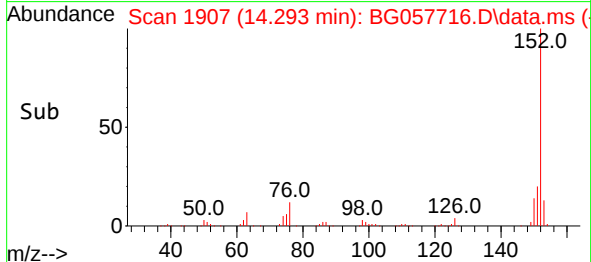
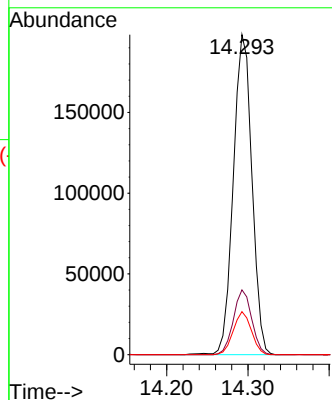
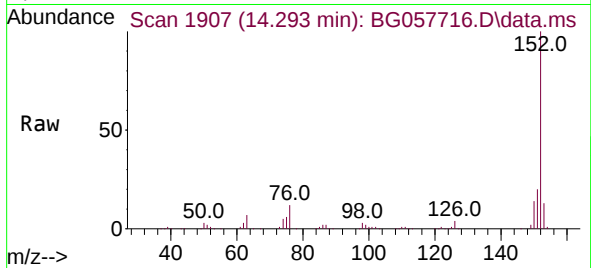




#49  
Acenaphthylene  
Concen: 38.918 ng  
RT: 14.293 min Scan# 1907  
Delta R.T. -0.005 min  
Lab File: BG057716.D  
Acq: 14 Jun 2023 20:48

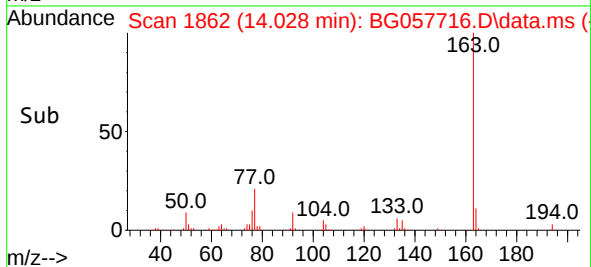
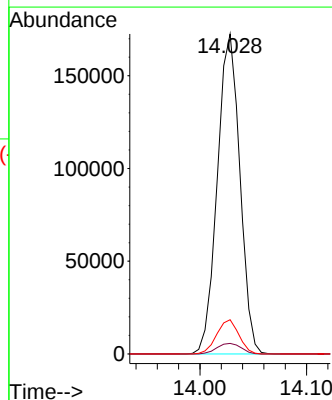
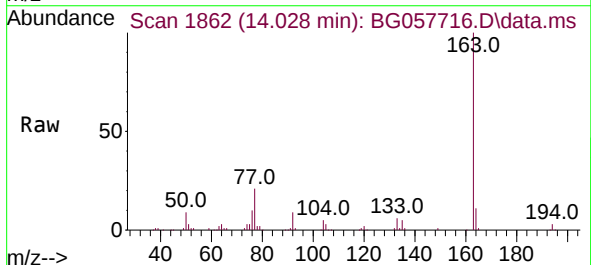
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC

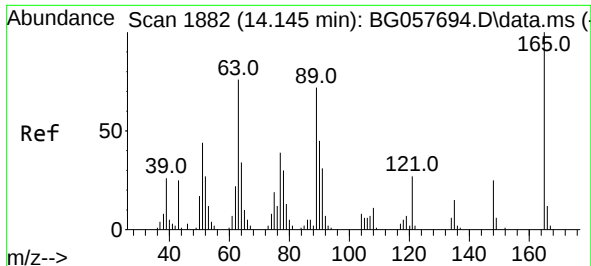
Tgt Ion:152 Resp: 314605  
Ion Ratio Lower Upper  
152 100  
151 20.2 15.4 23.0  
153 13.5 10.5 15.7



#50  
Dimethylphthalate  
Concen: 38.664 ng  
RT: 14.028 min Scan# 1862  
Delta R.T. -0.006 min  
Lab File: BG057716.D  
Acq: 14 Jun 2023 20:48

Tgt Ion:163 Resp: 253050  
Ion Ratio Lower Upper  
163 100  
194 3.3 3.1 4.7  
164 10.7 8.4 12.6

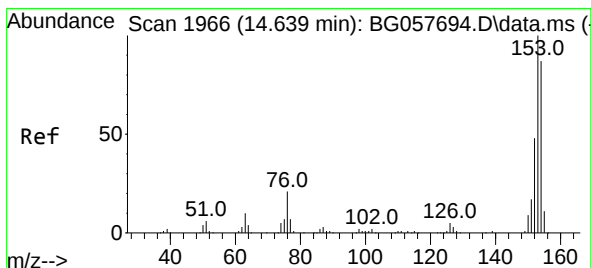
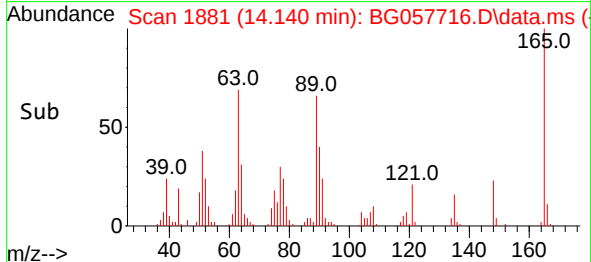
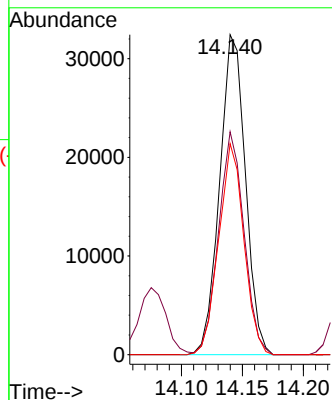
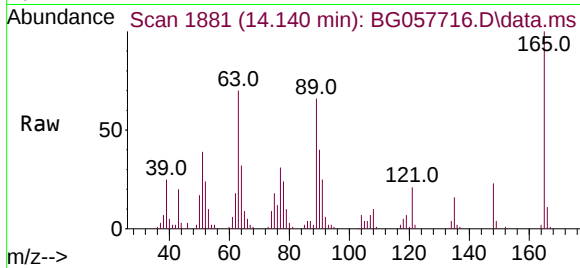




#51  
2,6-Dinitrotoluene  
Concen: 49.495 ng  
RT: 14.140 min Scan# 1881  
Delta R.T. -0.005 min  
Lab File: BG057716.D  
Acq: 14 Jun 2023 20:48

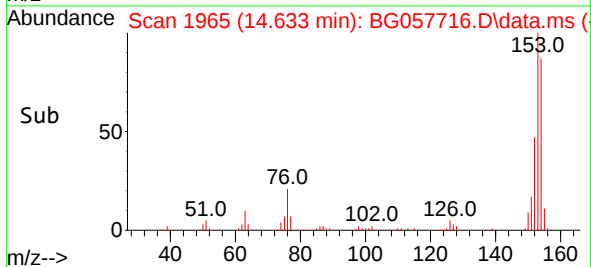
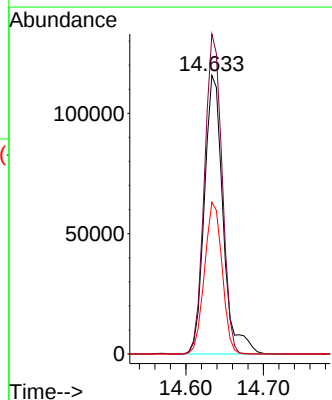
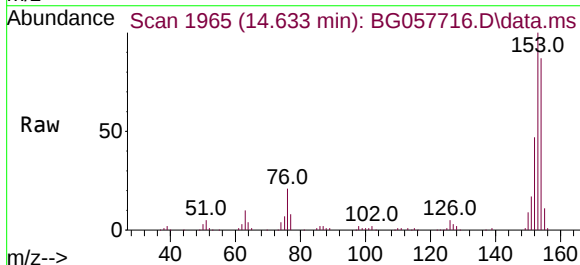
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC

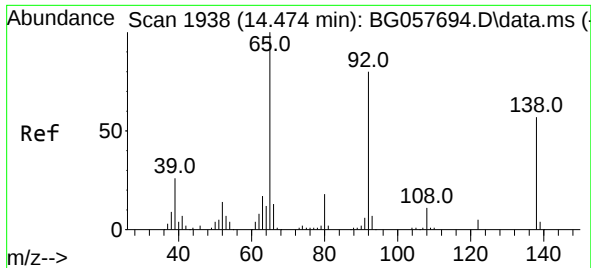
Tgt Ion:165 Resp: 47788  
Ion Ratio Lower Upper  
165 100  
63 69.6 62.3 93.5  
89 66.0 57.4 86.0



#52  
Acenaphthene  
Concen: 39.906 ng  
RT: 14.633 min Scan# 1965  
Delta R.T. -0.006 min  
Lab File: BG057716.D  
Acq: 14 Jun 2023 20:48

Tgt Ion:154 Resp: 193368  
Ion Ratio Lower Upper  
154 100  
153 114.9 91.4 137.2  
152 54.5 43.5 65.3

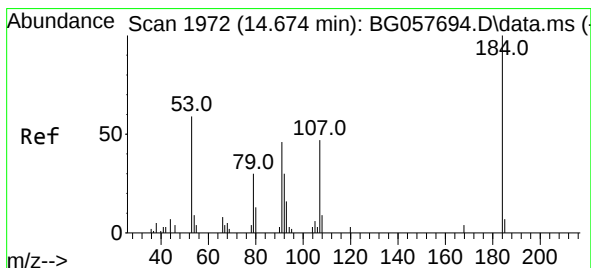
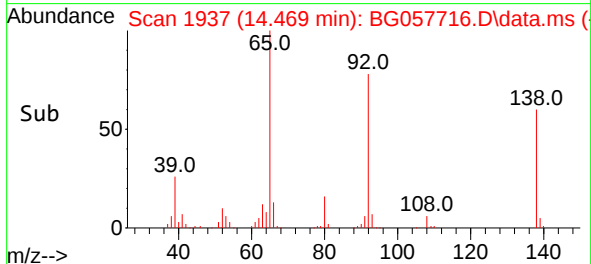
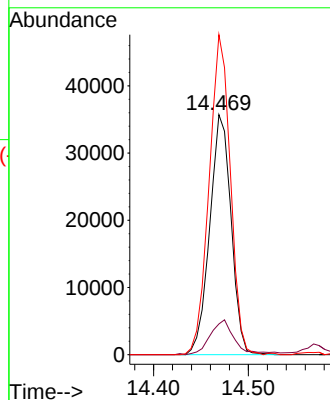
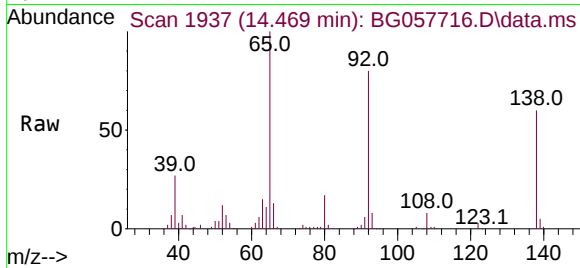




#53  
3-Nitroaniline  
Concen: 49.376 ng  
RT: 14.469 min Scan# 1937  
Delta R.T. -0.005 min  
Lab File: BG057716.D  
Acq: 14 Jun 2023 20:48

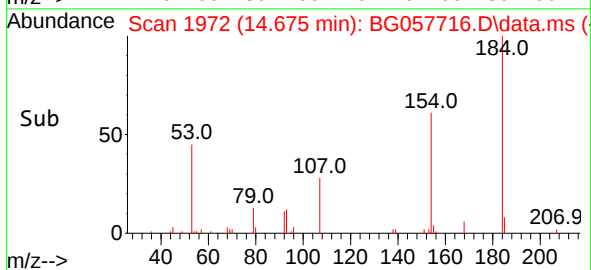
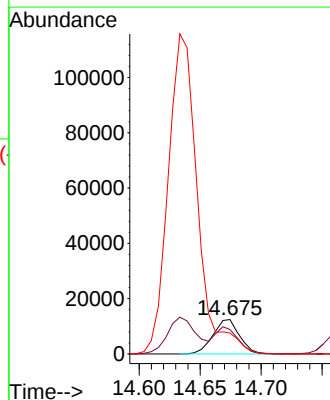
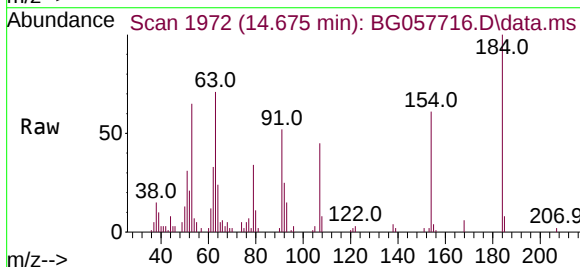
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC

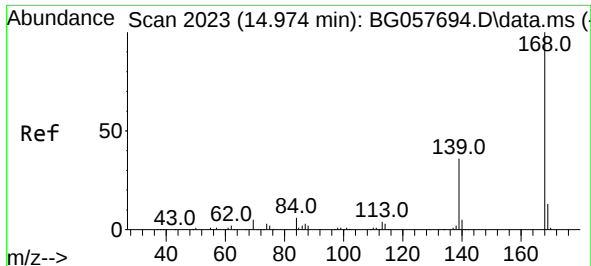
Tgt Ion:138 Resp: 55860  
Ion Ratio Lower Upper  
138 100  
108 12.8 15.8 23.8#  
92 133.3 112.2 168.2



#54  
2,4-Dinitrophenol  
Concen: 57.628 ng  
RT: 14.675 min Scan# 1972  
Delta R.T. 0.001 min  
Lab File: BG057716.D  
Acq: 14 Jun 2023 20:48

Tgt Ion:184 Resp: 18841  
Ion Ratio Lower Upper  
184 100  
63 71.2 59.0 88.6  
154 60.7 47.5 71.3

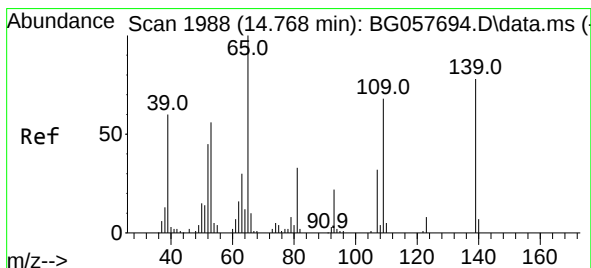
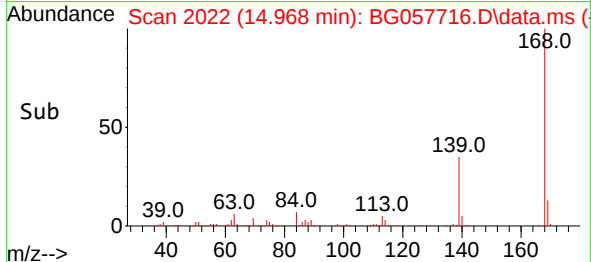
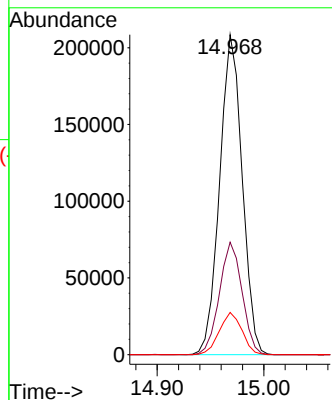
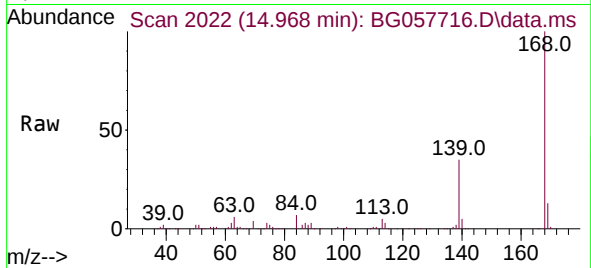




#55  
Dibenzofuran  
Concen: 37.617 ng  
RT: 14.968 min Scan# 20  
Delta R.T. -0.006 min  
Lab File: BG057716.D  
Acq: 14 Jun 2023 20:48

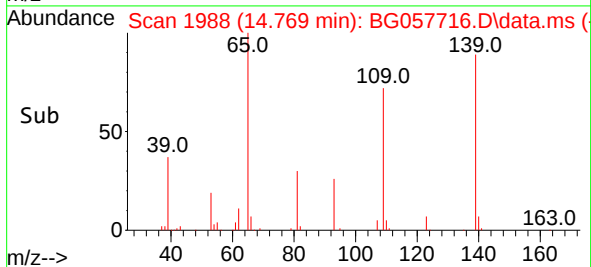
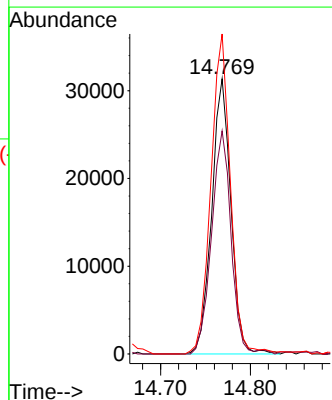
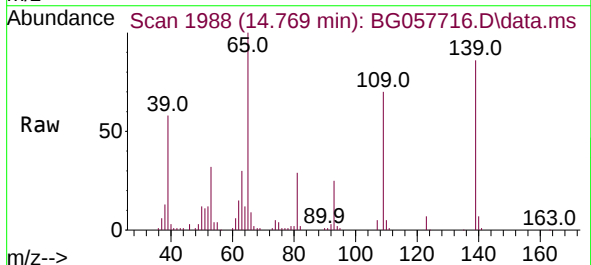
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC

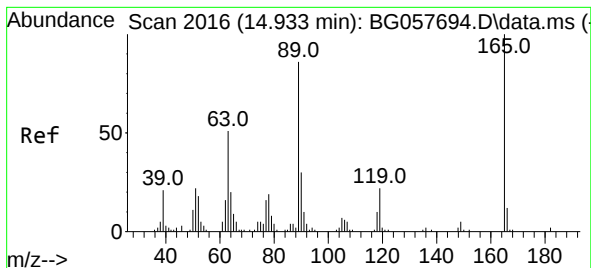
Tgt Ion:168 Resp: 305959  
Ion Ratio Lower Upper  
168 100  
139 35.1 28.7 43.1  
169 13.2 10.4 15.6



#56  
4-Nitrophenol  
Concen: 51.934 ng  
RT: 14.769 min Scan# 1988  
Delta R.T. 0.001 min  
Lab File: BG057716.D  
Acq: 14 Jun 2023 20:48

Tgt Ion:139 Resp: 46576  
Ion Ratio Lower Upper  
139 100  
109 81.1 67.3 107.3  
65 116.3 108.3 148.3

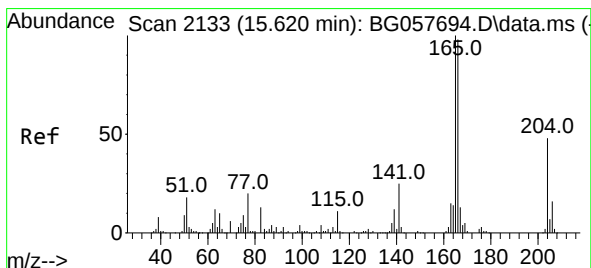
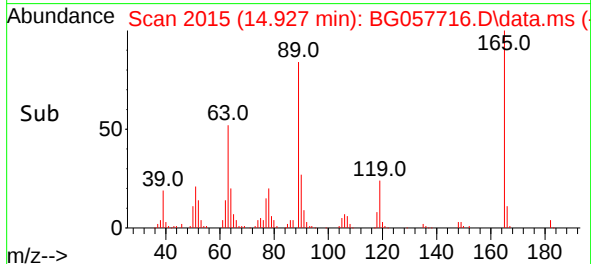
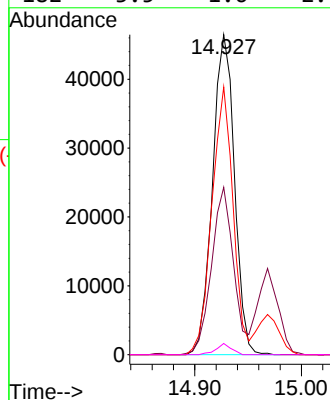
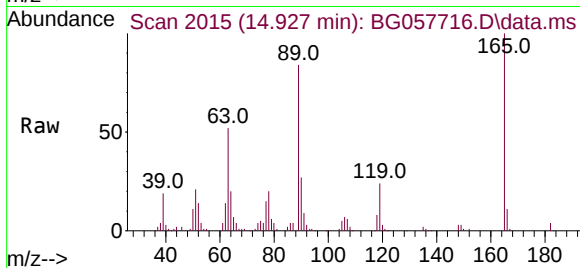




#57  
2,4-Dinitrotoluene  
Concen: 51.884 ng  
RT: 14.927 min Scan# 2015  
Delta R.T. -0.006 min  
Lab File: BG057716.D  
Acq: 14 Jun 2023 20:48

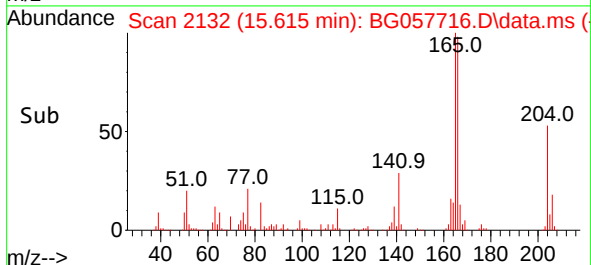
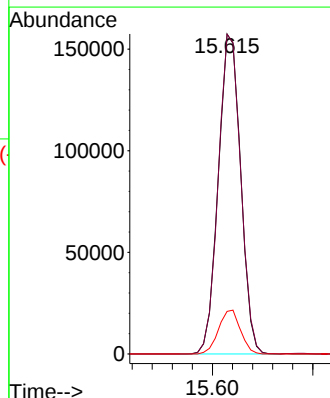
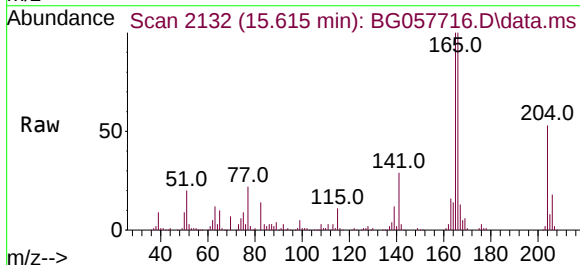
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC

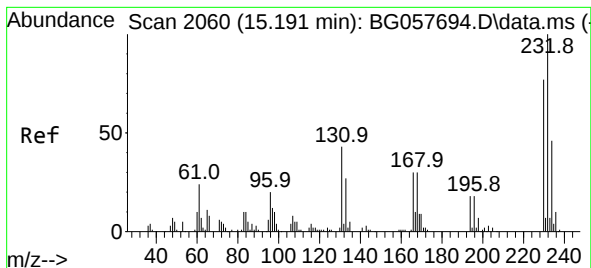
Tgt Ion:165 Resp: 66291  
Ion Ratio Lower Upper  
165 100  
63 52.3 40.8 61.2  
89 83.7 68.5 102.7  
182 3.5 1.6 2.4#



#58  
Fluorene  
Concen: 37.478 ng  
RT: 15.615 min Scan# 2132  
Delta R.T. -0.005 min  
Lab File: BG057716.D  
Acq: 14 Jun 2023 20:48

Tgt Ion:166 Resp: 242828  
Ion Ratio Lower Upper  
166 100  
165 99.8 81.6 122.4  
167 13.3 10.5 15.7



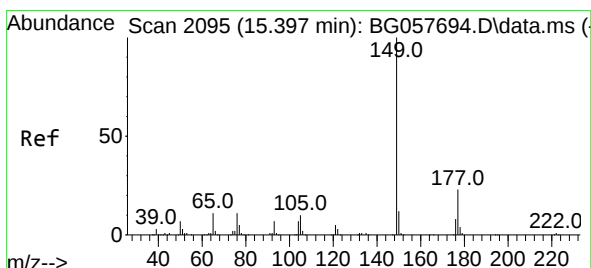
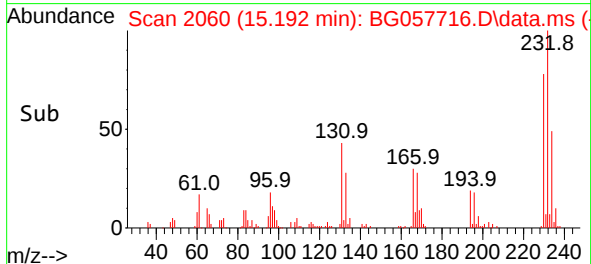
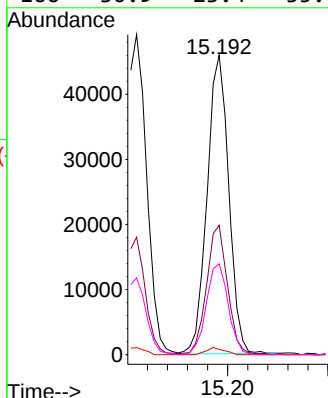
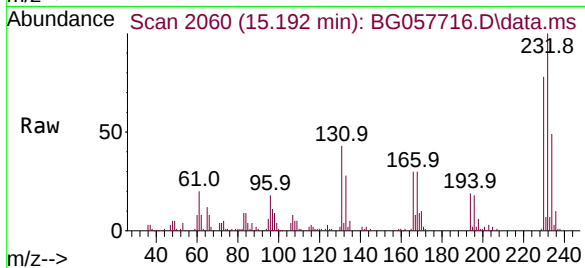


#59  
2,3,4,6-Tetrachlorophenol  
Concen: 43.007 ng  
RT: 15.192 min Scan# 2060  
Delta R.T. 0.001 min  
Lab File: BG057716.D  
Acq: 14 Jun 2023 20:48

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC

Tgt Ion:232 Resp: 68716

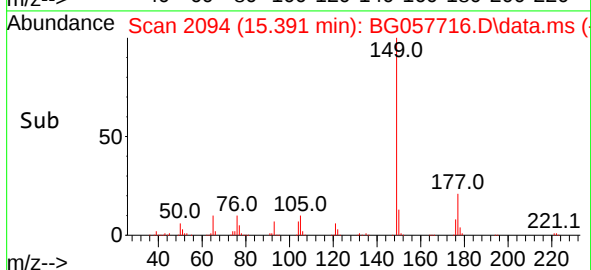
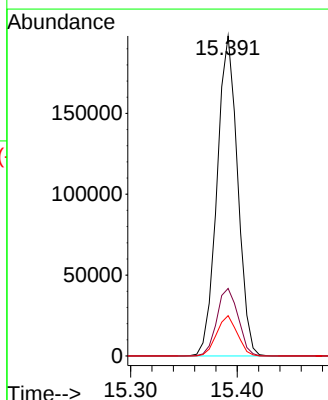
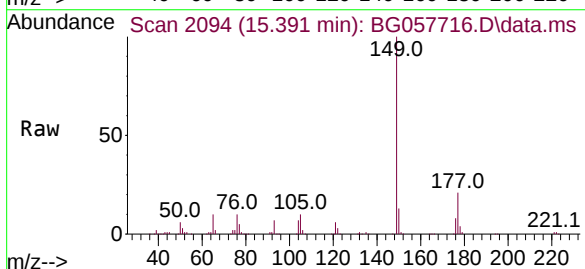
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 232 | 100   |       |       |
| 131 | 42.3  | 32.6  | 49.0  |
| 130 | 2.0   | 1.6   | 2.4   |
| 166 | 30.9  | 23.4  | 35.0  |

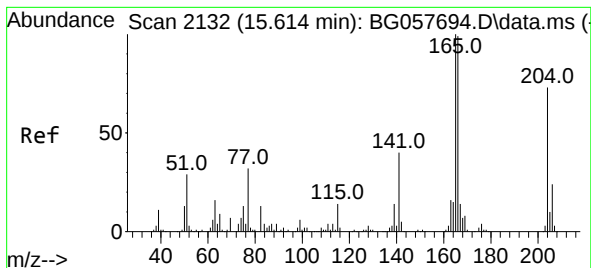


#60  
Diethylphthalate  
Concen: 39.271 ng  
RT: 15.391 min Scan# 2094  
Delta R.T. -0.005 min  
Lab File: BG057716.D  
Acq: 14 Jun 2023 20:48

Tgt Ion:149 Resp: 265310

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 177 | 21.1  | 18.2  | 27.2  |
| 150 | 12.6  | 9.6   | 14.4  |

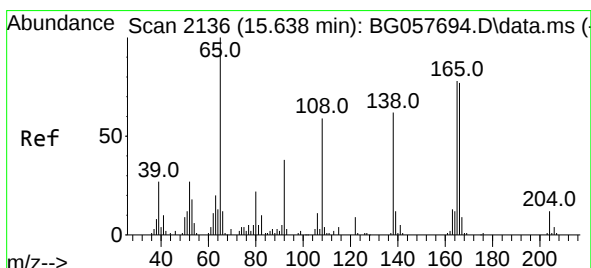
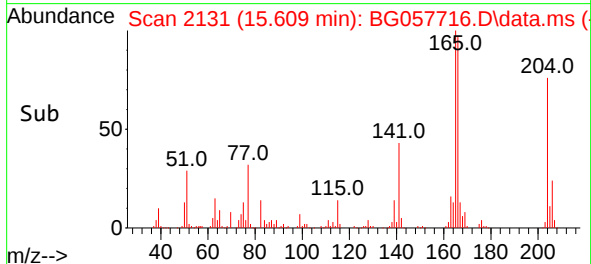
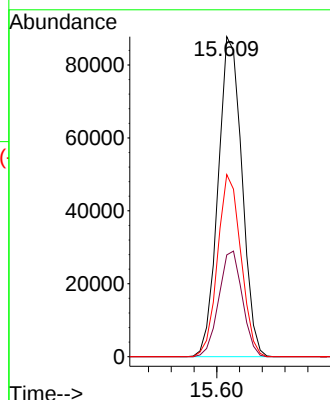
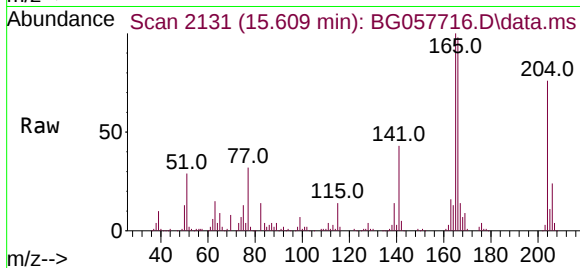




#61  
4-Chlorophenyl-phenylether  
Concen: 36.802 ng  
RT: 15.609 min Scan# 2131  
Delta R.T. -0.005 min  
Lab File: BG057716.D  
Acq: 14 Jun 2023 20:48

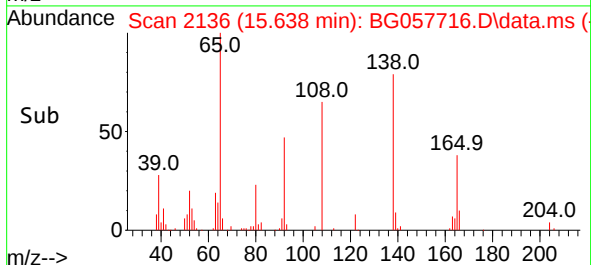
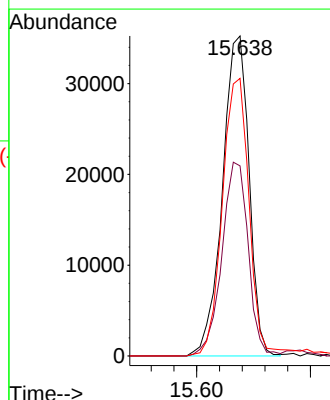
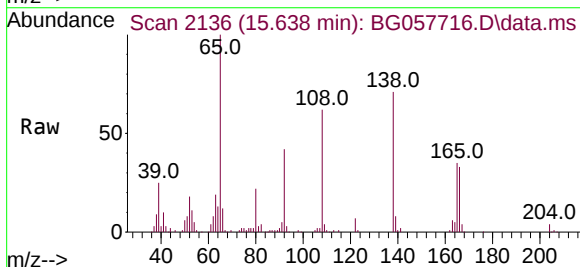
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC

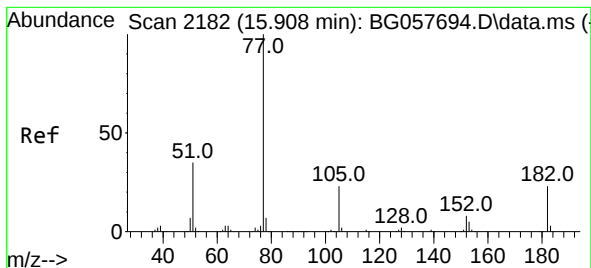
Tgt Ion:204 Resp: 127744  
Ion Ratio Lower Upper  
204 100  
206 31.8 26.6 39.8  
141 56.9 43.8 65.6



#62  
4-Nitroaniline  
Concen: 46.296 ng  
RT: 15.638 min Scan# 2136  
Delta R.T. 0.000 min  
Lab File: BG057716.D  
Acq: 14 Jun 2023 20:48

Tgt Ion:138 Resp: 57274  
Ion Ratio Lower Upper  
138 100  
92 59.4 41.6 81.6  
108 86.7 74.8 114.8





#63

Azobenzene

Concen: 37.198 ng

RT: 15.902 min Scan# 2182

Delta R.T. -0.005 min

Lab File: BG057716.D

Acq: 14 Jun 2023 20:48

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040EC

Tgt Ion: 77 Resp: 270213

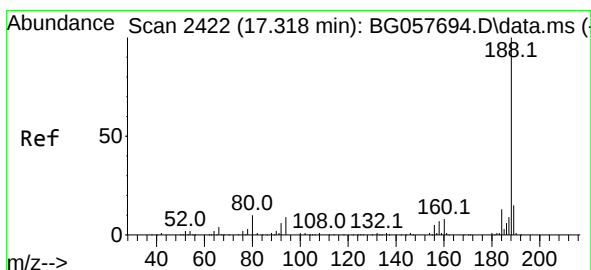
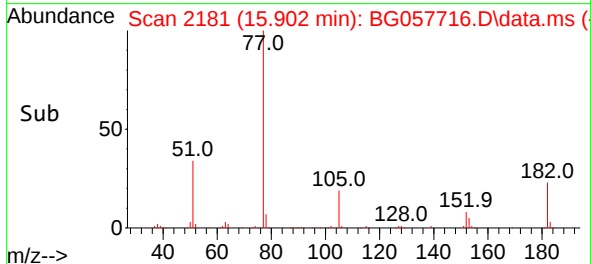
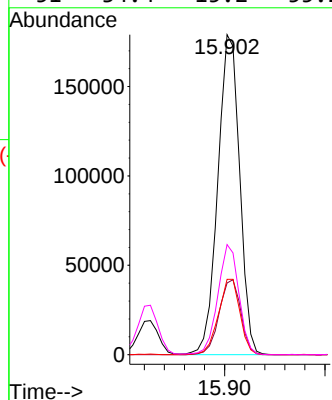
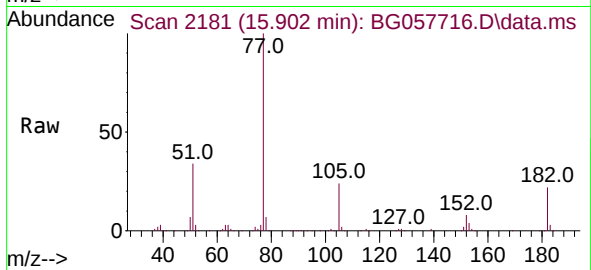
Ion Ratio Lower Upper

77 100

182 22.4 3.2 43.2

105 23.6 3.3 43.3

51 34.4 15.2 55.2



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.313 min Scan# 2421

Delta R.T. -0.005 min

Lab File: BG057716.D

Acq: 14 Jun 2023 20:48

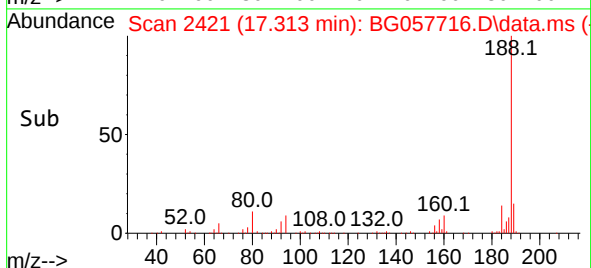
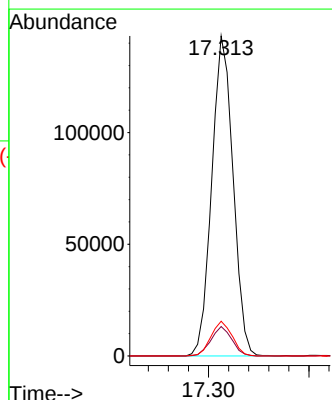
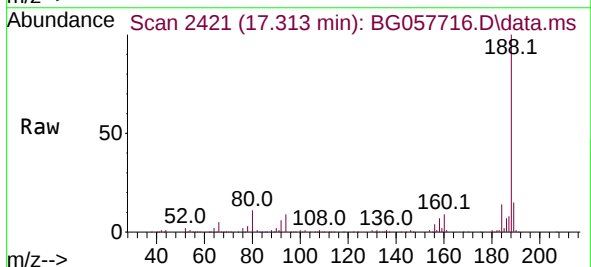
Tgt Ion: 188 Resp: 211167

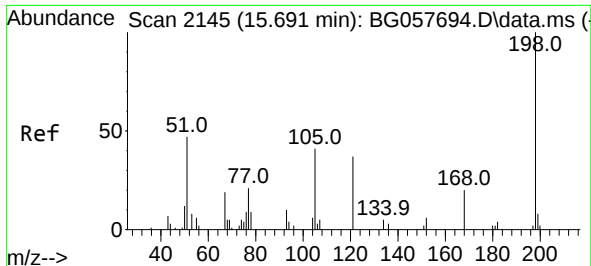
Ion Ratio Lower Upper

188 100

94 9.2 6.9 10.3

80 10.9 8.2 12.4

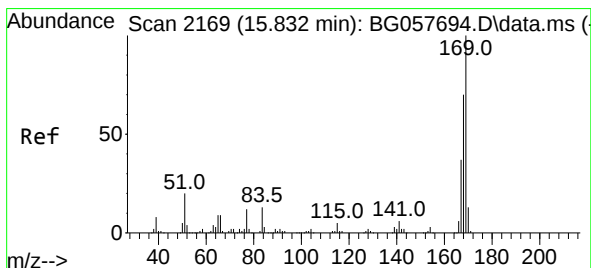
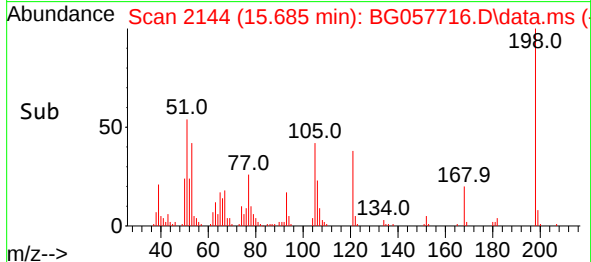
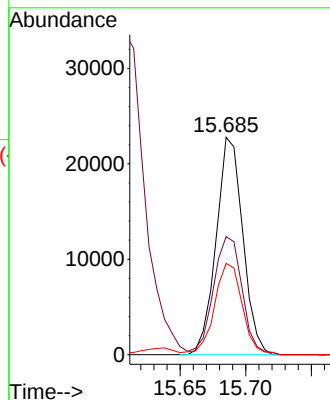
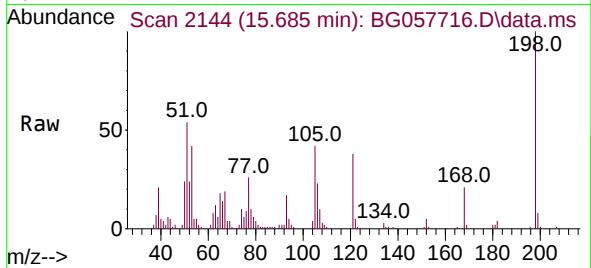




#65  
4,6-Dinitro-2-methylphenol  
Concen: 59.775 ng  
RT: 15.685 min Scan# 2144  
Delta R.T. -0.006 min  
Lab File: BG057716.D  
Acq: 14 Jun 2023 20:48

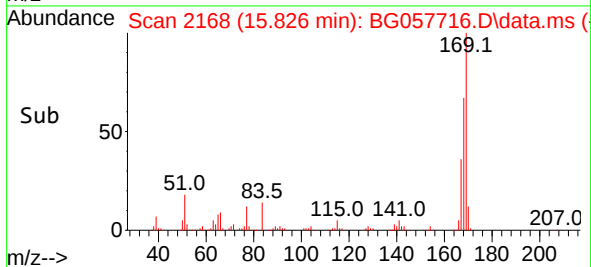
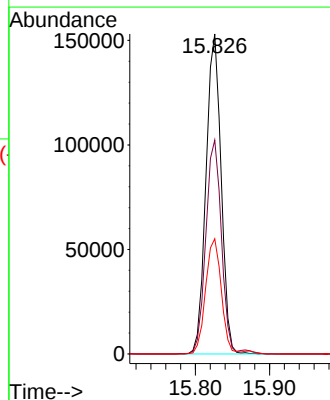
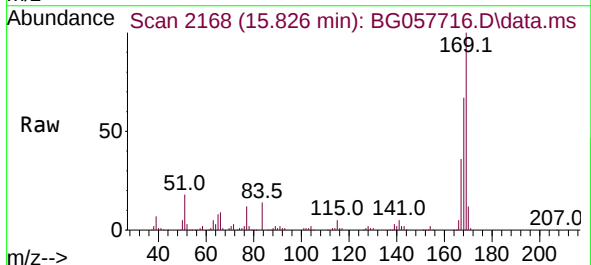
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC

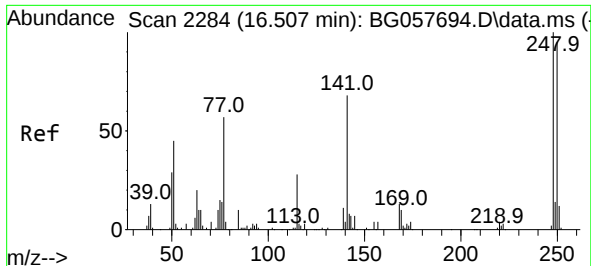
Tgt Ion:198 Resp: 32161  
Ion Ratio Lower Upper  
198 100  
51 54.3 42.0 82.0  
105 41.9 30.9 70.9



#66  
n-Nitrosodiphenylamine  
Concen: 39.304 ng  
RT: 15.826 min Scan# 2168  
Delta R.T. -0.006 min  
Lab File: BG057716.D  
Acq: 14 Jun 2023 20:48

Tgt Ion:169 Resp: 216962  
Ion Ratio Lower Upper  
169 100  
168 66.8 55.8 83.6  
167 36.0 30.1 45.1

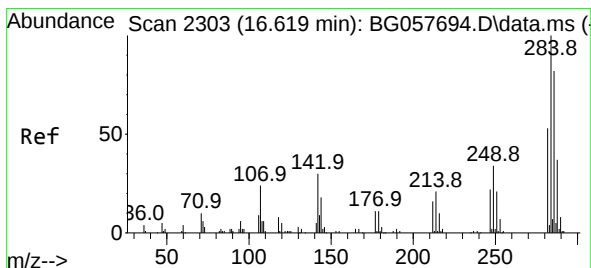
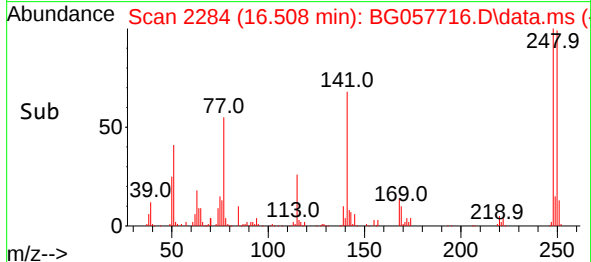
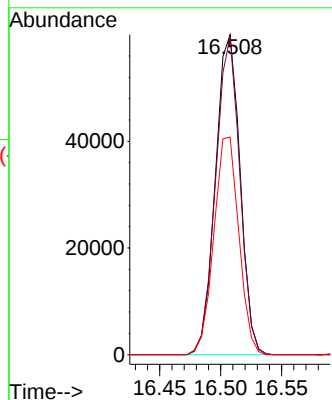
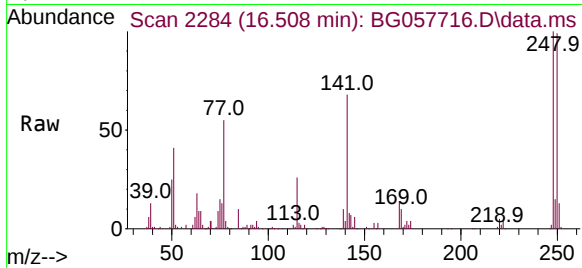




#67  
4-Bromophenyl-phenylether  
Concen: 39.237 ng  
RT: 16.508 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: BG057716.D  
Acq: 14 Jun 2023 20:48

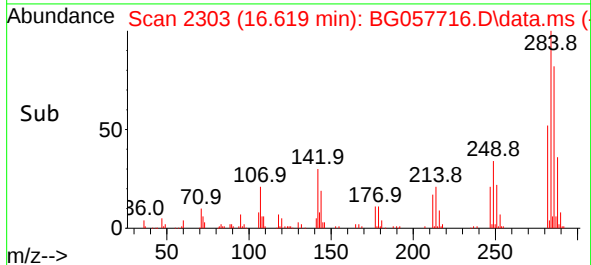
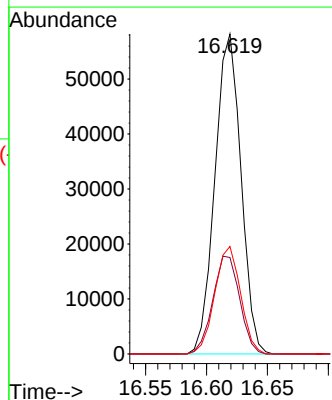
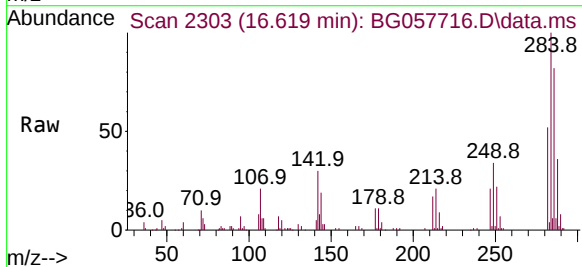
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC

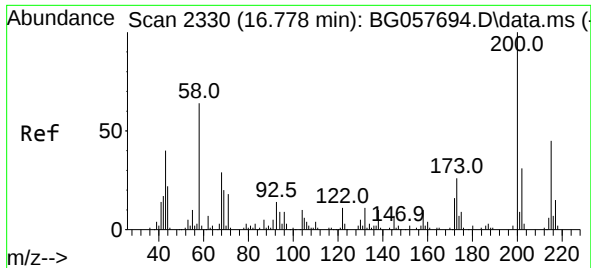
Tgt Ion:248 Resp: 84366  
Ion Ratio Lower Upper  
248 100  
250 99.4 76.3 114.5  
141 68.0 54.6 82.0



#68  
Hexachlorobenzene  
Concen: 38.459 ng  
RT: 16.619 min Scan# 2303  
Delta R.T. 0.000 min  
Lab File: BG057716.D  
Acq: 14 Jun 2023 20:48

Tgt Ion:284 Resp: 86421  
Ion Ratio Lower Upper  
284 100  
142 30.1 24.1 36.1  
249 33.6 26.8 40.2

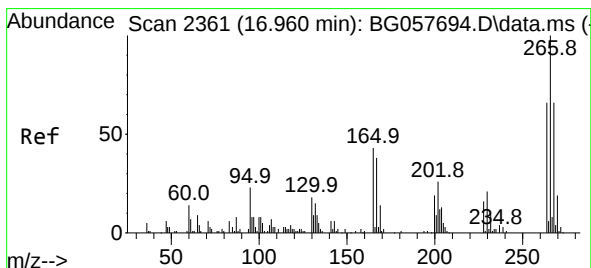
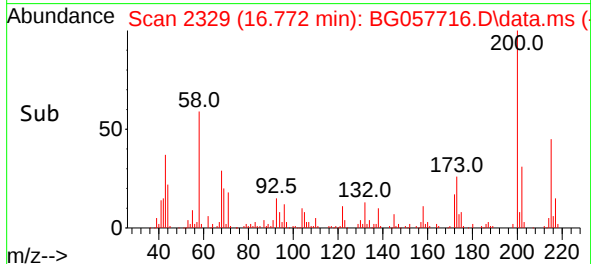
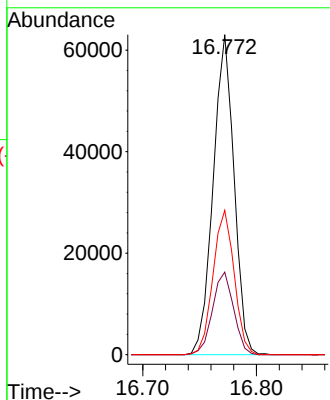
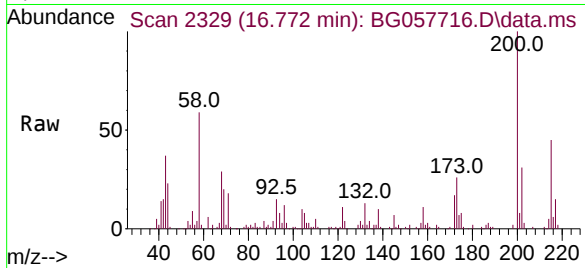




#69  
 Atrazine  
 Concen: 43.667 ng  
 RT: 16.772 min Scan# 21  
 Delta R.T. -0.005 min  
 Lab File: BG057716.D  
 Acq: 14 Jun 2023 20:48

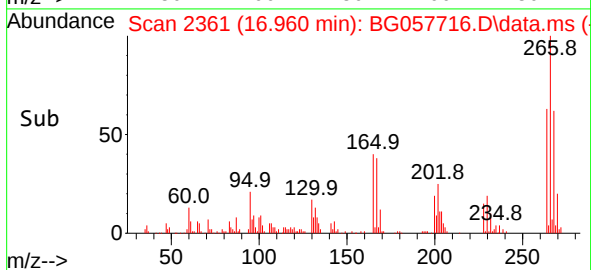
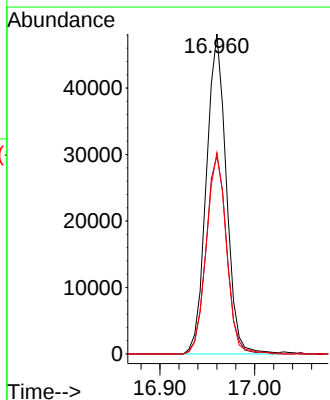
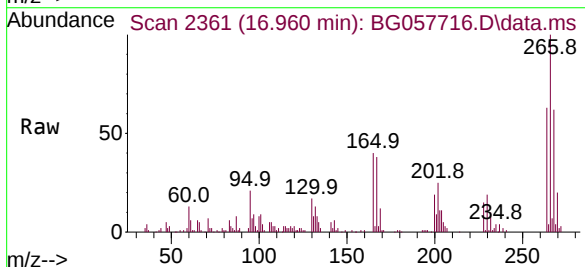
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040EC

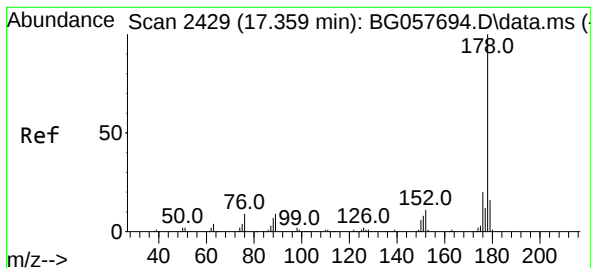
Tgt Ion:200 Resp: 80198  
 Ion Ratio Lower Upper  
 200 100  
 173 25.8 6.3 46.3  
 215 45.1 25.4 65.4



#70  
 Pentachlorophenol  
 Concen: 51.928 ng  
 RT: 16.960 min Scan# 2361  
 Delta R.T. 0.000 min  
 Lab File: BG057716.D  
 Acq: 14 Jun 2023 20:48

Tgt Ion:266 Resp: 70054  
 Ion Ratio Lower Upper  
 266 100  
 268 62.0 53.0 79.6  
 264 62.9 52.4 78.6





#71

Phenanthrene

Concen: 38.518 ng

RT: 17.360 min Scan# 2429

Delta R.T. 0.000 min

Lab File: BG057716.D

Acq: 14 Jun 2023 20:48

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040EC

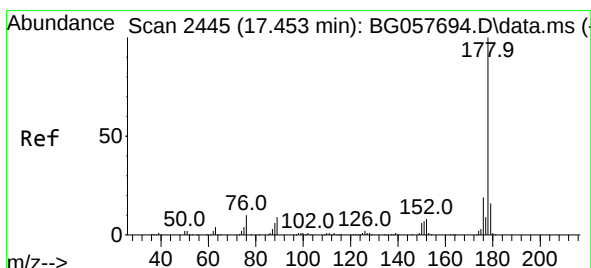
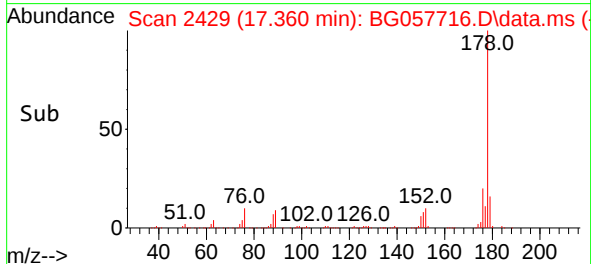
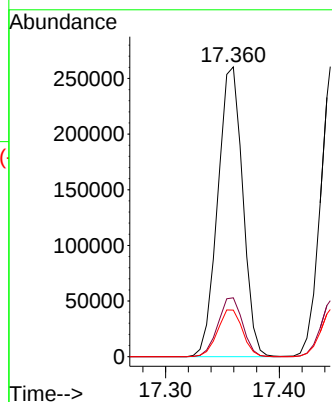
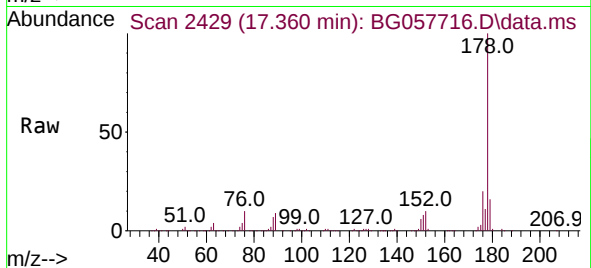
Tgt Ion:178 Resp: 396908

Ion Ratio Lower Upper

178 100

176 20.3 16.2 24.2

179 16.1 13.0 19.6



#72

Anthracene

Concen: 39.786 ng

RT: 17.448 min Scan# 2444

Delta R.T. -0.005 min

Lab File: BG057716.D

Acq: 14 Jun 2023 20:48

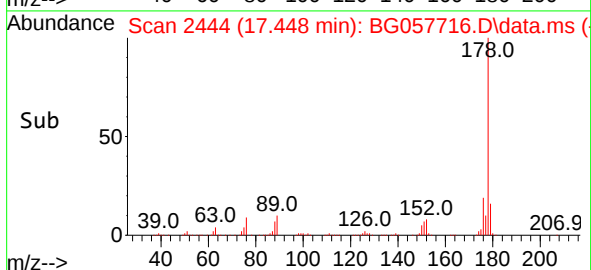
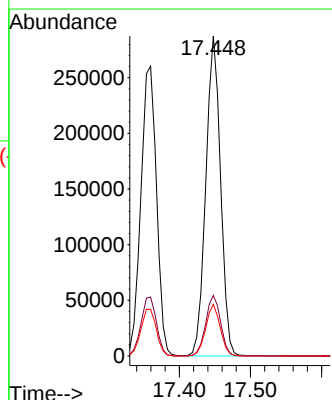
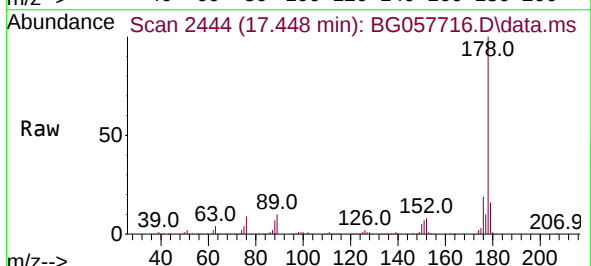
Tgt Ion:178 Resp: 415316

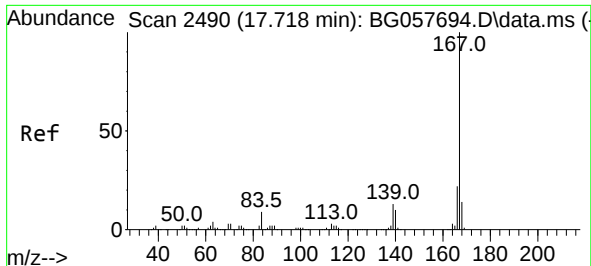
Ion Ratio Lower Upper

178 100

176 18.9 15.4 23.0

179 16.1 12.9 19.3

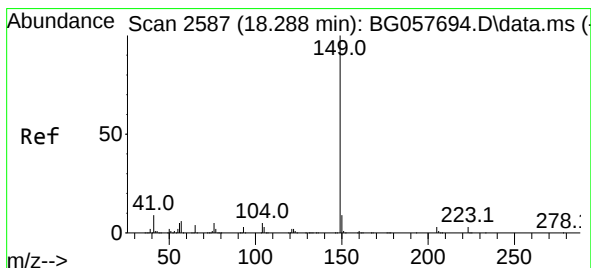
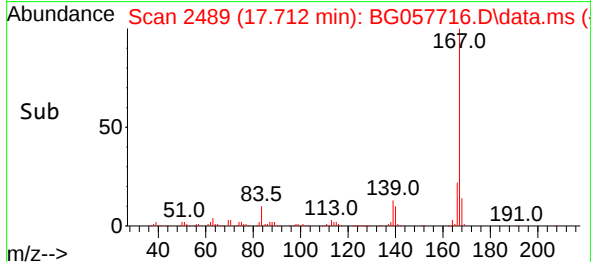
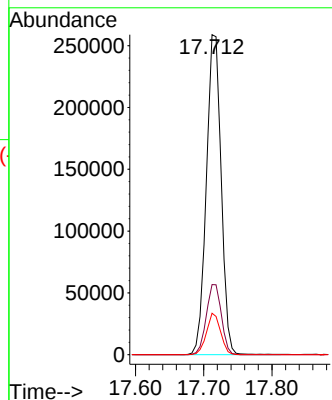
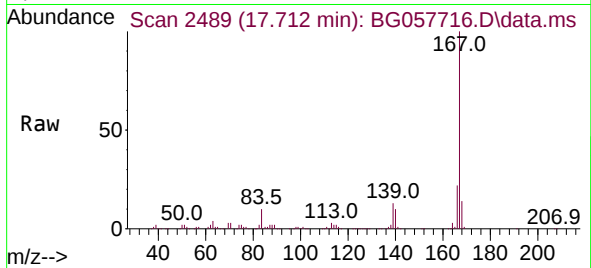




#73  
 Carbazole  
 Concen: 40.399 ng  
 RT: 17.712 min Scan# 2490  
 Delta R.T. -0.005 min  
 Lab File: BG057716.D  
 Acq: 14 Jun 2023 20:48

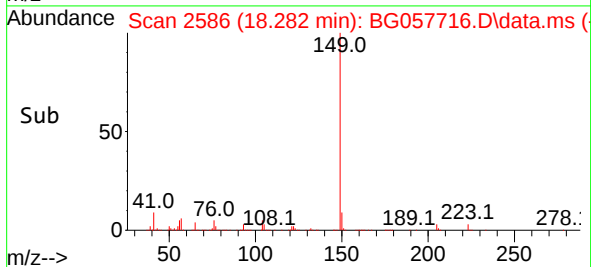
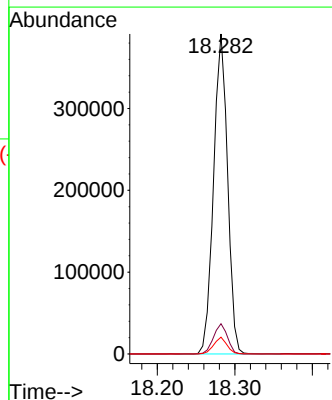
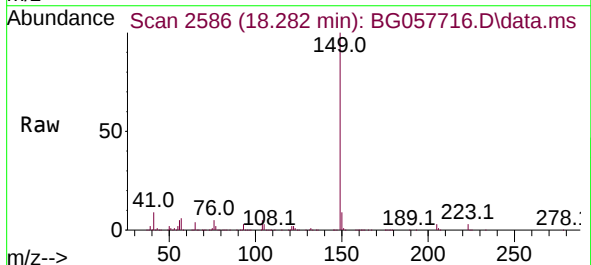
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040EC

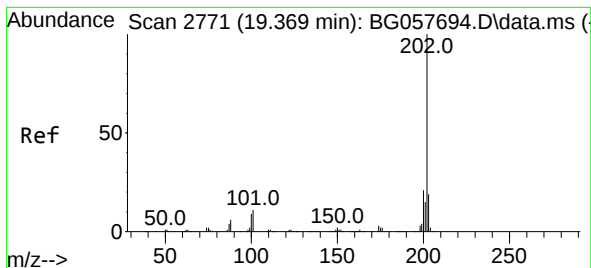
Tgt Ion:167 Resp: 390561  
 Ion Ratio Lower Upper  
 167 100  
 166 21.9 17.4 26.2  
 139 12.9 10.2 15.2



#74  
 Di-n-butylphthalate  
 Concen: 45.807 ng  
 RT: 18.282 min Scan# 2586  
 Delta R.T. -0.005 min  
 Lab File: BG057716.D  
 Acq: 14 Jun 2023 20:48

Tgt Ion:149 Resp: 490849  
 Ion Ratio Lower Upper  
 149 100  
 150 9.5 7.0 10.6  
 104 5.2 4.3 6.5





#75

Fluoranthene

Concen: 39.769 ng

RT: 19.369 min Scan# 21

Delta R.T. 0.000 min

Lab File: BG057716.D

Acq: 14 Jun 2023 20:48

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040EC

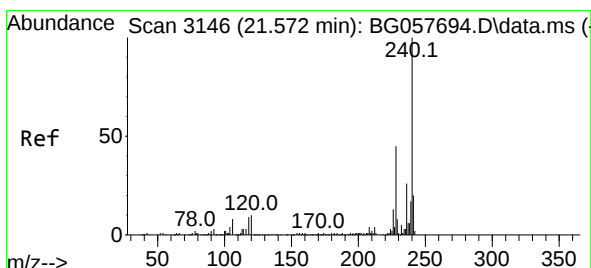
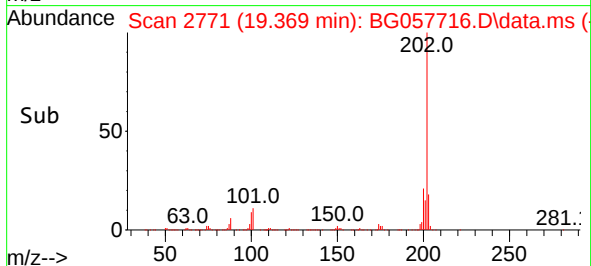
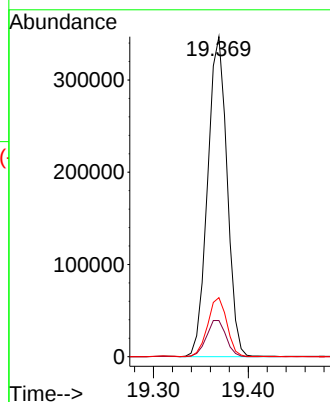
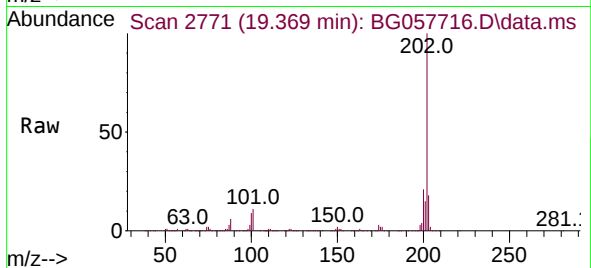
Tgt Ion:202 Resp: 493663

Ion Ratio Lower Upper

202 100

101 11.3 0.0 31.1

203 18.5 0.0 38.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.572 min Scan# 3146

Delta R.T. 0.000 min

Lab File: BG057716.D

Acq: 14 Jun 2023 20:48

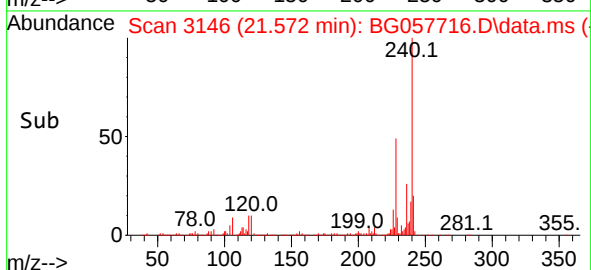
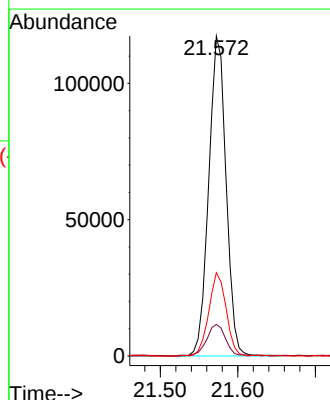
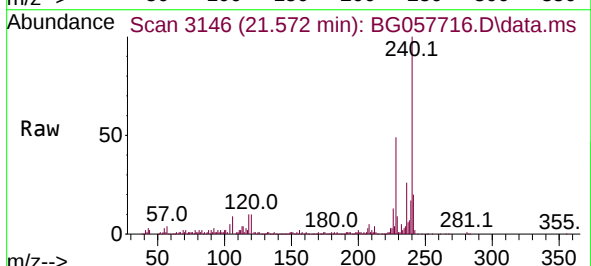
Tgt Ion:240 Resp: 182383

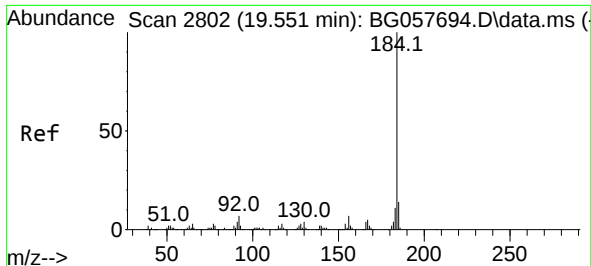
Ion Ratio Lower Upper

240 100

120 9.8 8.1 12.1

236 26.0 20.7 31.1

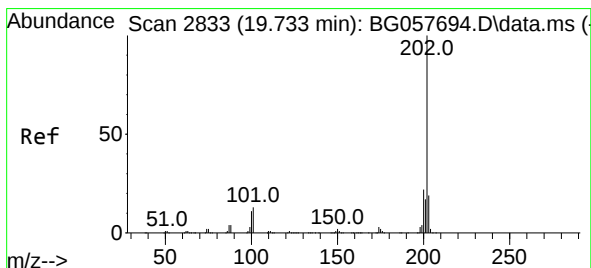
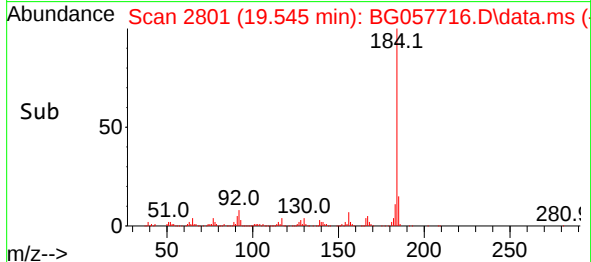
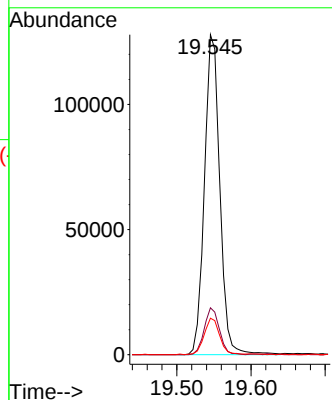
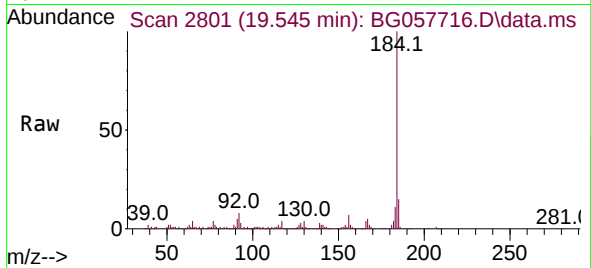




#77  
Benzidine  
Concen: 42.499 ng  
RT: 19.545 min Scan# 2801  
Delta R.T. -0.005 min  
Lab File: BG057716.D  
Acq: 14 Jun 2023 20:48

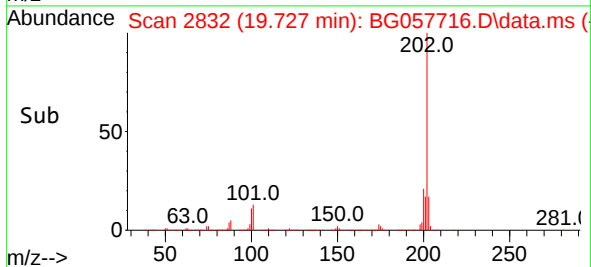
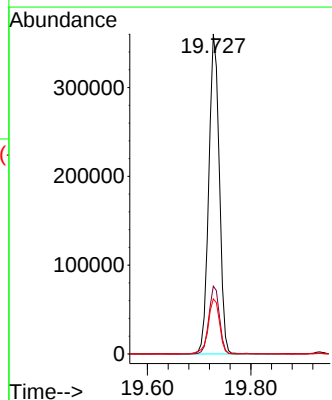
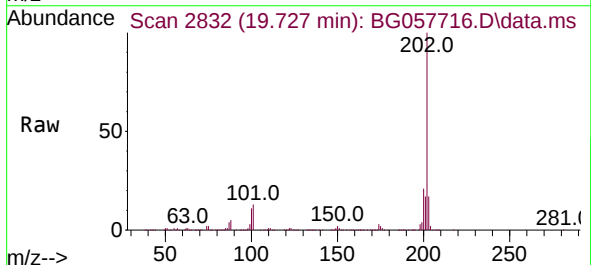
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC

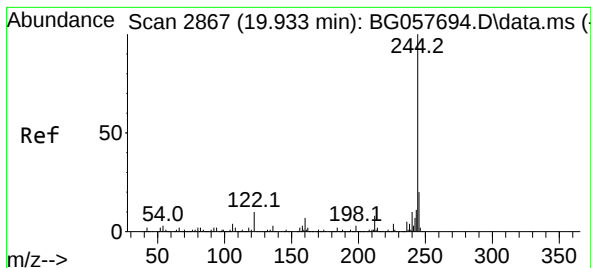
Tgt Ion:184 Resp: 184778  
Ion Ratio Lower Upper  
184 100  
185 14.7 11.1 16.7  
183 11.4 8.4 12.6



#78  
Pyrene  
Concen: 39.214 ng  
RT: 19.727 min Scan# 2832  
Delta R.T. -0.006 min  
Lab File: BG057716.D  
Acq: 14 Jun 2023 20:48

Tgt Ion:202 Resp: 508868  
Ion Ratio Lower Upper  
202 100  
200 21.2 17.4 26.0  
203 17.2 14.9 22.3





#79

Terphenyl-d14

Concen: 75.741 ng

RT: 19.933 min Scan# 2867

Delta R.T. 0.000 min

Lab File: BG057716.D

Acq: 14 Jun 2023 20:48

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040EC

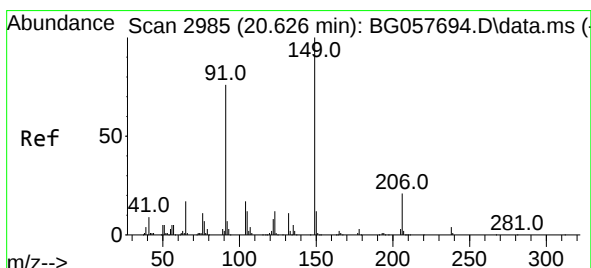
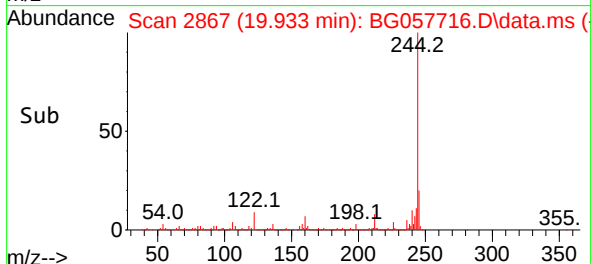
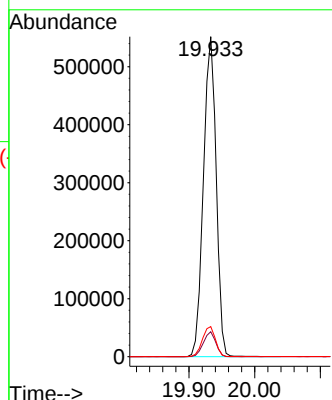
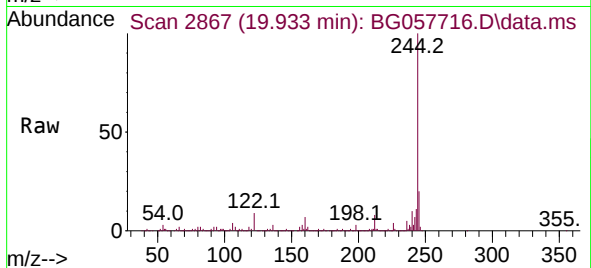
Tgt Ion:244 Resp: 747158

Ion Ratio Lower Upper

244 100

212 7.8 6.0 9.0

122 9.4 7.7 11.5



#80

Butylbenzylphthalate

Concen: 46.822 ng

RT: 20.620 min Scan# 2984

Delta R.T. -0.006 min

Lab File: BG057716.D

Acq: 14 Jun 2023 20:48

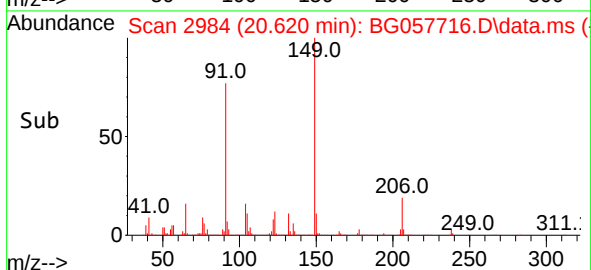
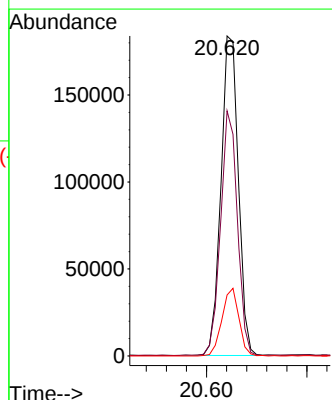
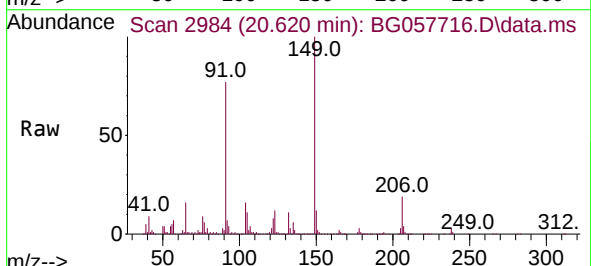
Tgt Ion:149 Resp: 220616

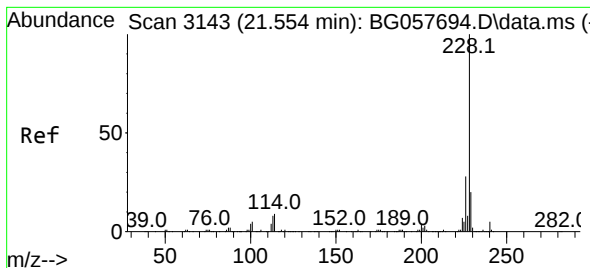
Ion Ratio Lower Upper

149 100

91 76.6 60.8 91.2

206 19.1 16.8 25.2





#81

Benzo(a)anthracene

Concen: 39.148 ng

RT: 21.555 min Scan# 3143

Delta R.T. 0.001 min

Lab File: BG057716.D

Acq: 14 Jun 2023 20:48

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040EC

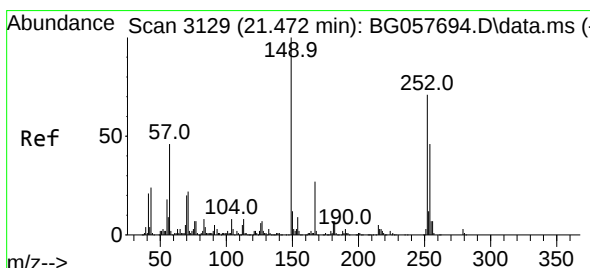
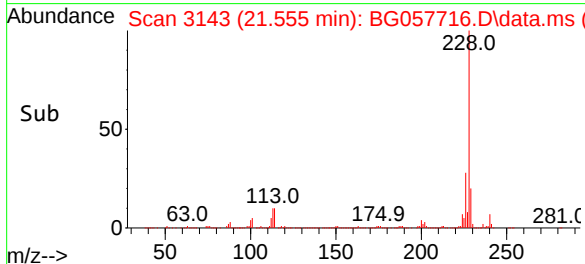
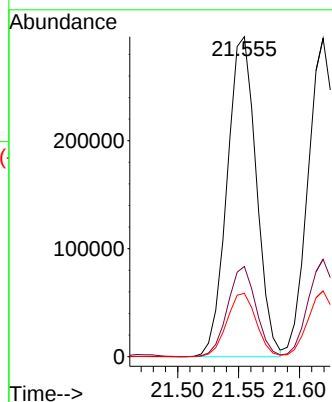
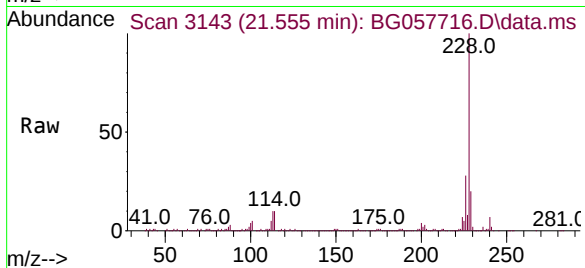
Tgt Ion:228 Resp: 493080

Ion Ratio Lower Upper

228 100

226 28.2 22.4 33.6

229 19.8 15.9 23.9



#82

3,3'-Dichlorobenzidine

Concen: 42.097 ng

RT: 21.472 min Scan# 3129

Delta R.T. 0.000 min

Lab File: BG057716.D

Acq: 14 Jun 2023 20:48

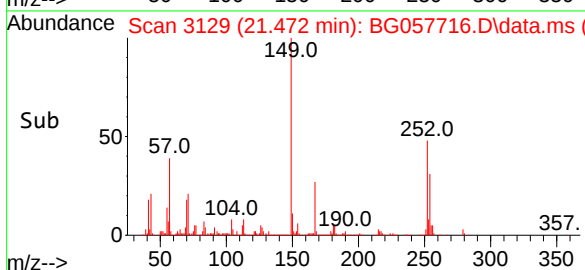
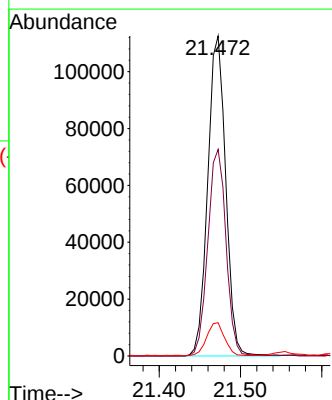
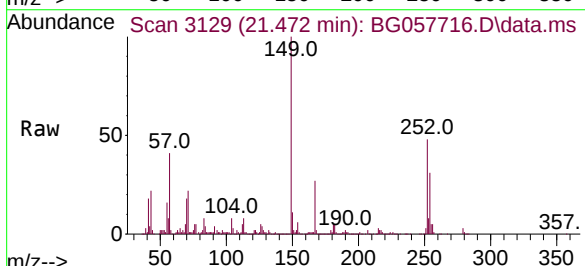
Tgt Ion:252 Resp: 172707

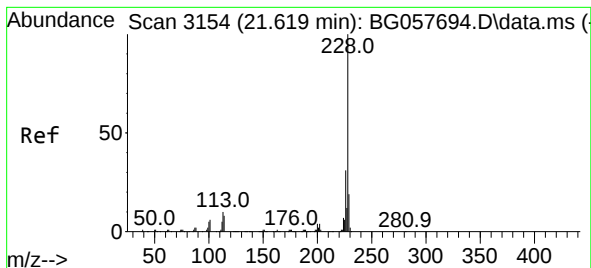
Ion Ratio Lower Upper

252 100

254 64.5 51.9 77.9

126 10.4 7.4 11.0





#83

Chrysene

Concen: 39.191 ng

RT: 21.619 min Scan# 3154

Delta R.T. 0.000 min

Lab File: BG057716.D

Acq: 14 Jun 2023 20:48

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040EC

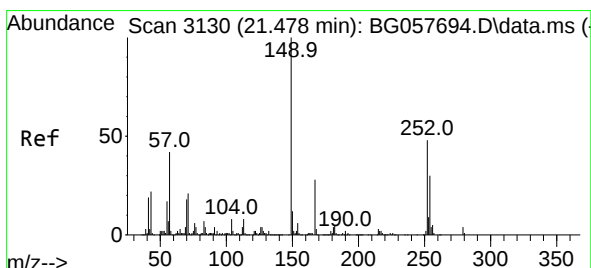
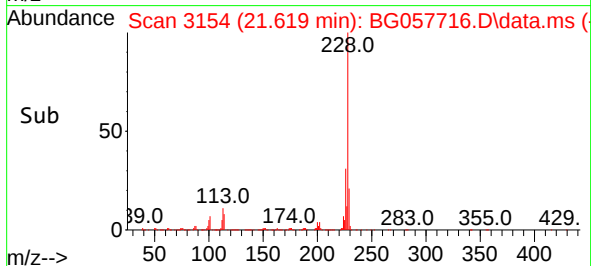
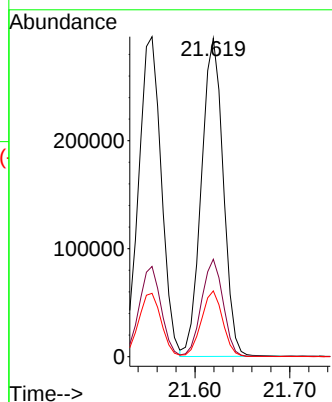
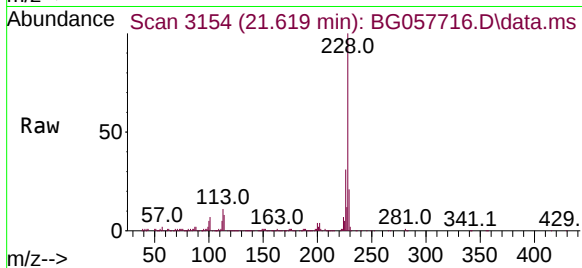
Tgt Ion:228 Resp: 469776

Ion Ratio Lower Upper

228 100

226 30.6 24.6 36.8

229 20.7 15.5 23.3



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.118 ng

RT: 21.472 min Scan# 3129

Delta R.T. -0.006 min

Lab File: BG057716.D

Acq: 14 Jun 2023 20:48

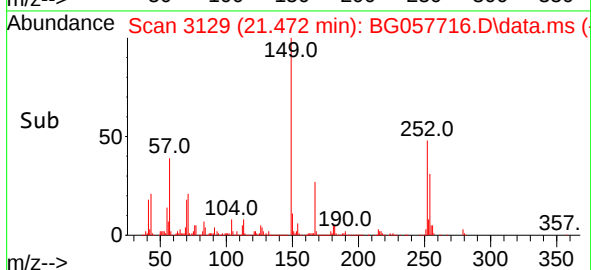
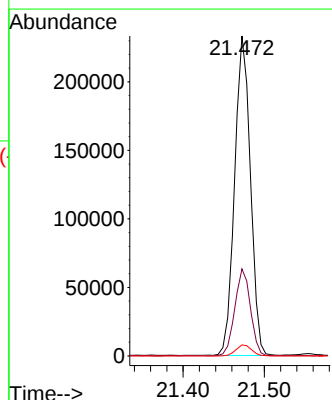
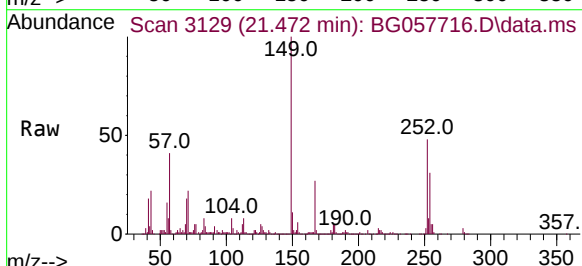
Tgt Ion:149 Resp: 314014

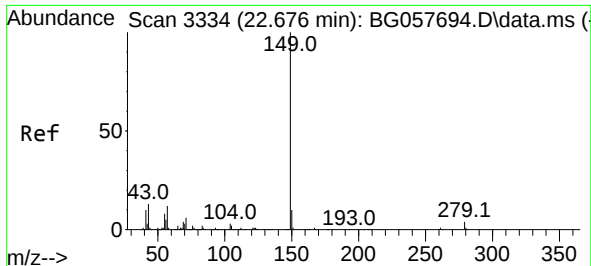
Ion Ratio Lower Upper

149 100

167 27.2 22.1 33.1

279 3.5 3.0 4.4

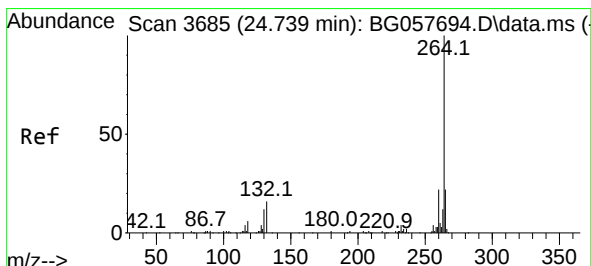
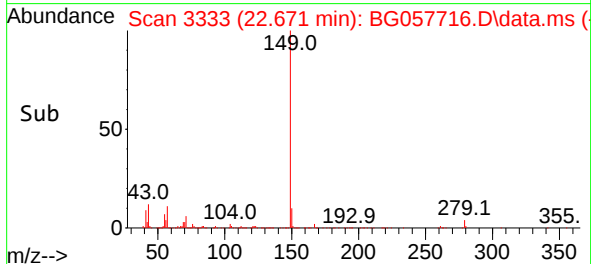
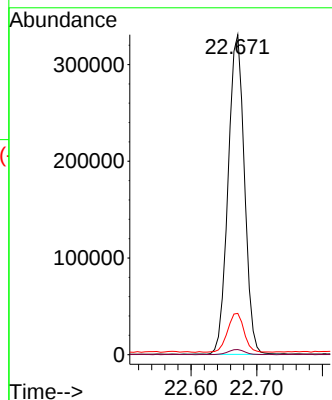
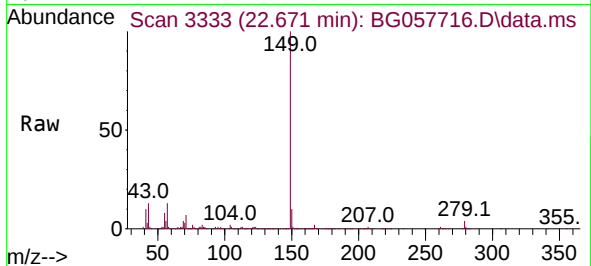




#85  
Di-n-octyl phthalate  
Concen: 51.721 ng  
RT: 22.671 min Scan# 31  
Delta R.T. -0.005 min  
Lab File: BG057716.D  
Acq: 14 Jun 2023 20:48

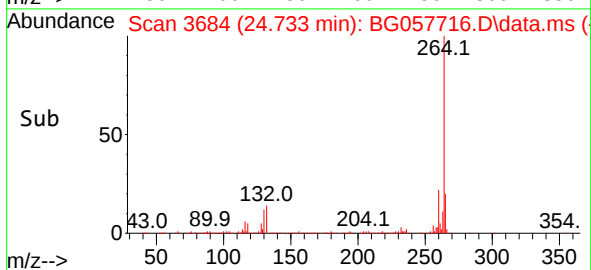
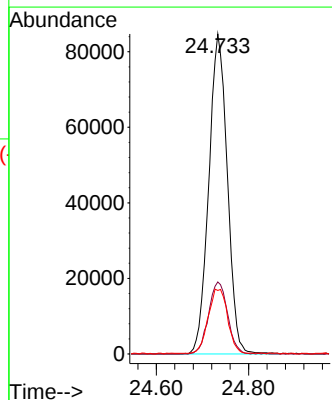
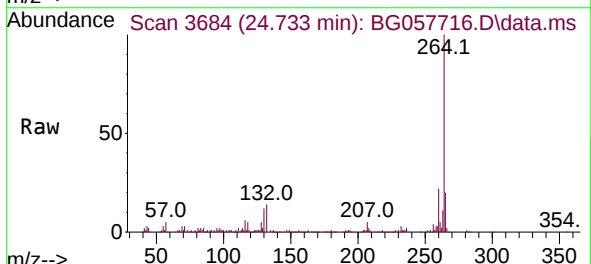
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC

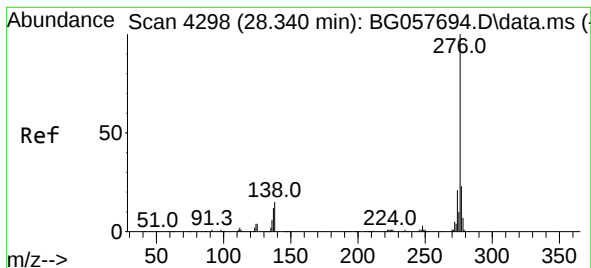
Tgt Ion:149 Resp: 570160  
Ion Ratio Lower Upper  
149 100  
167 1.6 1.2 1.8  
43 12.2 10.6 16.0



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 24.733 min Scan# 3684  
Delta R.T. -0.005 min  
Lab File: BG057716.D  
Acq: 14 Jun 2023 20:48

Tgt Ion:264 Resp: 236849  
Ion Ratio Lower Upper  
264 100  
260 22.5 17.3 25.9  
265 19.9 17.5 26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 38.755 ng

RT: 28.341 min Scan# 41

Delta R.T. 0.000 min

Lab File: BG057716.D

Acq: 14 Jun 2023 20:48

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040EC

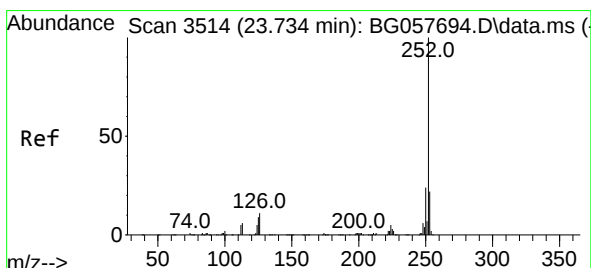
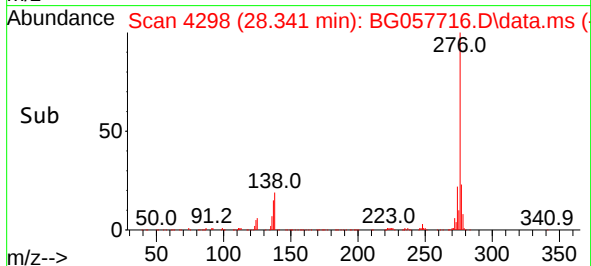
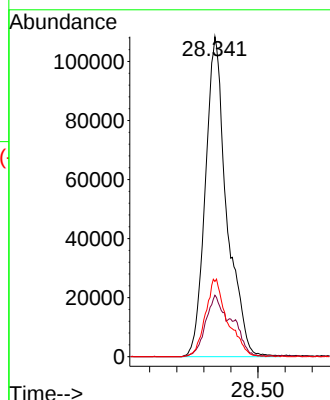
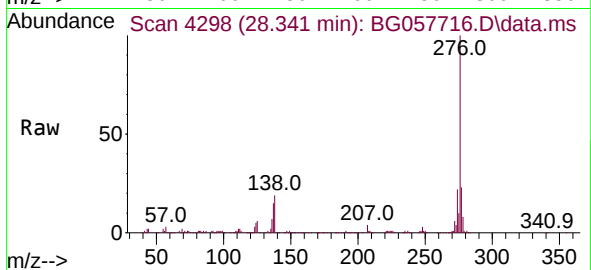
Tgt Ion:276 Resp: 593919

Ion Ratio Lower Upper

276 100

138 16.4 11.9 17.9

277 25.2 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 37.715 ng

RT: 23.729 min Scan# 3513

Delta R.T. -0.005 min

Lab File: BG057716.D

Acq: 14 Jun 2023 20:48

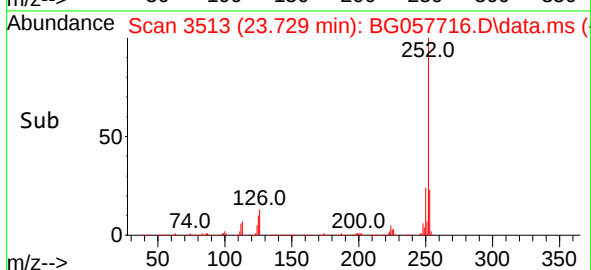
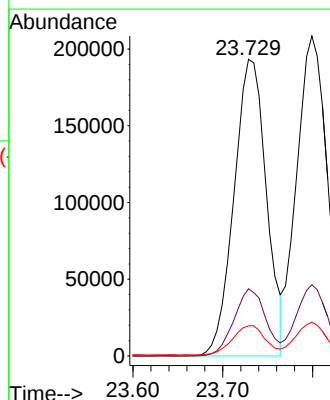
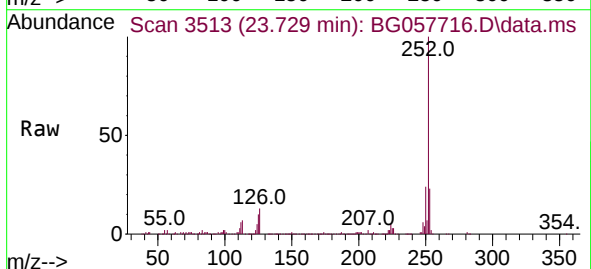
Tgt Ion:252 Resp: 484601

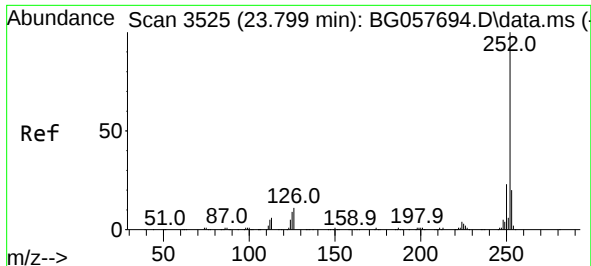
Ion Ratio Lower Upper

252 100

253 22.7 17.4 26.2

125 10.1 7.1 10.7

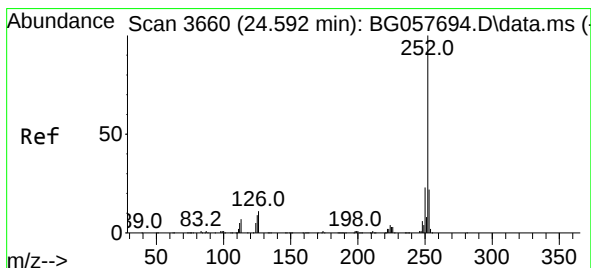
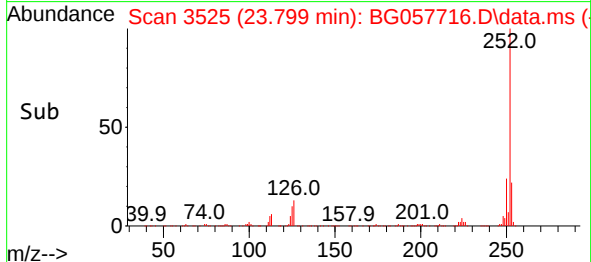
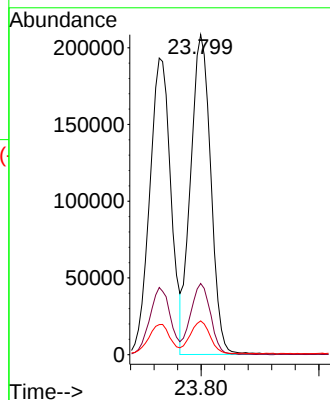
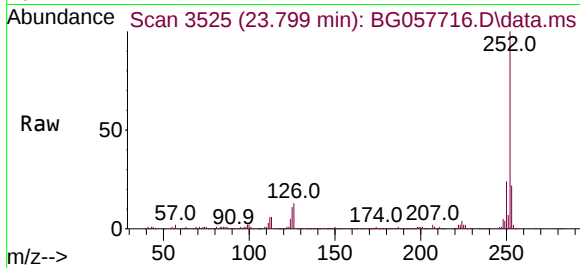




#89  
Benzo(k)fluoranthene  
Concen: 37.067 ng  
RT: 23.799 min Scan# 31  
Delta R.T. 0.000 min  
Lab File: BG057716.D  
Acq: 14 Jun 2023 20:48

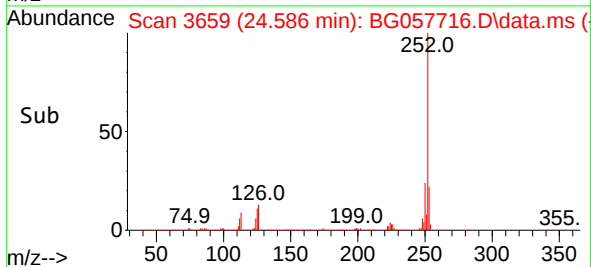
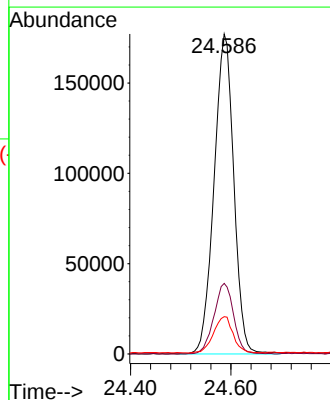
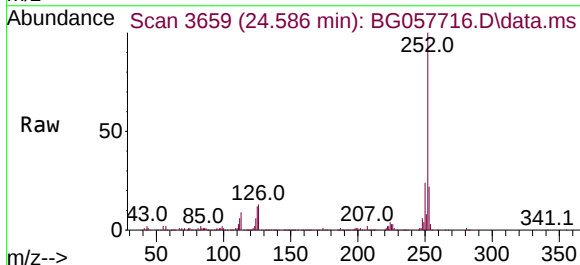
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC

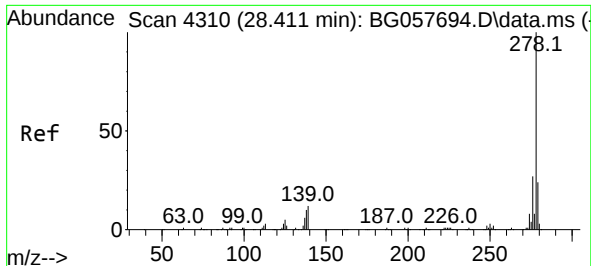
Tgt Ion:252 Resp: 493956  
Ion Ratio Lower Upper  
252 100  
253 22.3 16.6 25.0  
125 10.6 7.3 10.9



#90  
Benzo(a)pyrene  
Concen: 38.257 ng  
RT: 24.586 min Scan# 3659  
Delta R.T. -0.005 min  
Lab File: BG057716.D  
Acq: 14 Jun 2023 20:48

Tgt Ion:252 Resp: 483312  
Ion Ratio Lower Upper  
252 100  
253 22.1 17.8 26.6  
125 11.7 7.4 11.2#

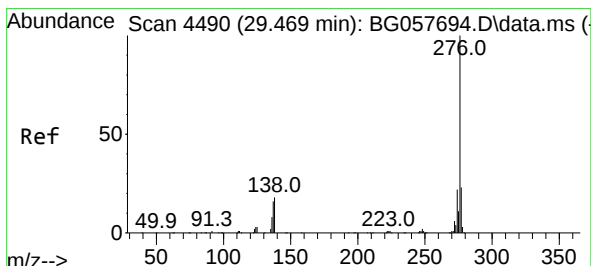
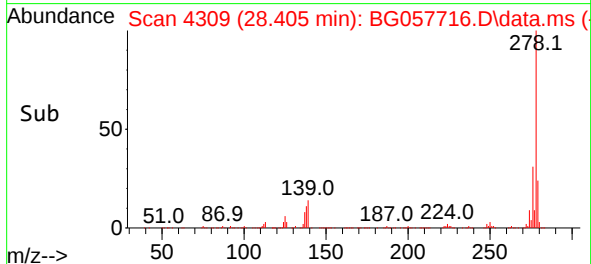
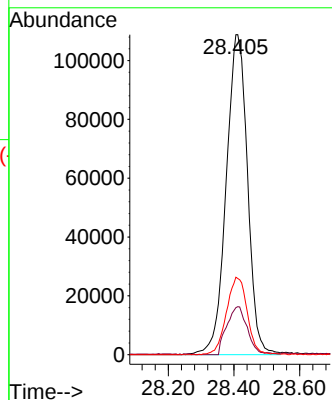
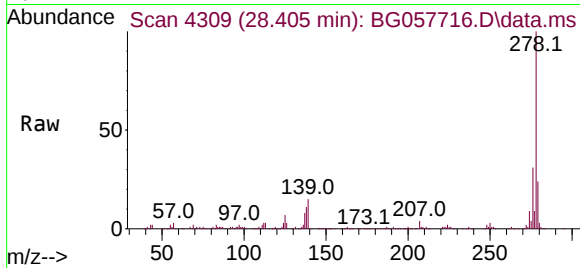




#91  
Dibenzo(a,h)anthracene  
Concen: 38.703 ng  
RT: 28.405 min Scan# 41  
Delta R.T. -0.005 min  
Lab File: BG057716.D  
Acq: 14 Jun 2023 20:48

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040EC

Tgt Ion:278 Resp: 490142  
Ion Ratio Lower Upper  
278 100  
139 14.7 10.0 15.0  
279 24.2 19.1 28.7



#92  
Benzo(g,h,i)perylene  
Concen: 38.910 ng  
RT: 29.463 min Scan# 4489  
Delta R.T. -0.005 min  
Lab File: BG057716.D  
Acq: 14 Jun 2023 20:48

Tgt Ion:276 Resp: 491826  
Ion Ratio Lower Upper  
276 100  
277 24.0 18.1 27.1  
138 18.9 14.6 21.8

