

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG112123\  
 Data File : BG059798.D  
 Acq On : 21 Nov 2023 19:03  
 Operator : MA/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

Quant Time: Nov 22 00:32:57 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG111623.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Nov 17 01:51:38 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.336  | 152  | 30972    | 20.000 | ng    | # 0.00   |
| 21) Naphthalene-d8            | 11.191 | 136  | 152539   | 20.000 | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 14.969 | 164  | 157211   | 20.000 | ng    | # 0.00   |
| 64) Phenanthrene-d10          | 17.719 | 188  | 335376   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 22.055 | 240  | 228186   | 20.000 | ng    | # 0.00   |
| 86) Perylene-d12              | 25.645 | 264  | 276014   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.833  | 112  | 130930   | 71.152 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.466  | 99   | 211759   | 77.656 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.546  | 82   | 329757   | 82.563 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.461 | 330  | 167513   | 93.910 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.594 | 172  | 992700   | 84.995 | ng    | 0.00     |
| 79) Terphenyl-d14             | 20.292 | 244  | 1434375  | 92.797 | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.671  | 88   | 28912    | 33.452 | ng    | # 93     |
| 3) Pyridine                   | 4.088  | 79   | 86989    | 36.850 | ng    | # 87     |
| 4) n-Nitrosodimethylamine     | 4.017  | 42   | 44836    | 35.703 | ng    | # 56     |
| 6) Aniline                    | 7.666  | 93   | 138538   | 38.496 | ng    | 97       |
| 8) 2-Chlorophenol             | 7.895  | 128  | 81765    | 40.959 | ng    | 86       |
| 9) Benzaldehyde               | 7.484  | 77   | 74097    | 40.199 | ng    | 99       |
| 10) Phenol                    | 7.490  | 94   | 108627   | 38.651 | ng    | 90       |
| 11) bis(2-Chloroethyl)ether   | 7.754  | 93   | 66067    | 37.763 | ng    | 94       |
| 12) 1,3-Dichlorobenzene       | 8.218  | 146  | 86609    | 39.059 | ng    | 95       |
| 13) 1,4-Dichlorobenzene       | 8.377  | 146  | 85312    | 38.313 | ng    | 95       |
| 14) 1,2-Dichlorobenzene       | 8.377  | 146  | 85312    | 38.563 | ng    | 87       |
| 15) Benzyl Alcohol            | 8.582  | 79   | 134945   | 43.396 | ng    | 90       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.859  | 45   | 26665    | 41.426 | ng    | 90       |
| 17) 2-Methylphenol            | 8.770  | 107  | 91884    | 44.387 | ng    | 93       |
| 18) Hexachloroethane          | 9.423  | 117  | 37276    | 39.441 | ng    | 89       |
| 19) n-Nitroso-di-n-propyla... | 9.146  | 70   | 95762    | 44.595 | ng    | 97       |
| 20) 3+4-Methylphenols         | 9.099  | 107  | 128849   | 44.836 | ng    | 96       |
| 22) Acetophenone              | 9.188  | 105  | 179138   | 41.481 | ng    | 97       |
| 24) Nitrobenzene              | 9.587  | 77   | 150144   | 40.817 | ng    | 94       |
| 25) Isophorone                | 10.092 | 82   | 257162   | 38.353 | ng    | 98       |
| 26) 2-Nitrophenol             | 10.292 | 139  | 56805    | 42.122 | ng    | 89       |
| 27) 2,4-Dimethylphenol        | 10.322 | 122  | 102368   | 37.333 | ng    | 97       |
| 28) bis(2-Chloroethoxy)met... | 10.568 | 93   | 104001   | 41.275 | ng    | # 90     |
| 29) 2,4-Dichlorophenol        | 10.815 | 162  | 95795    | 40.920 | ng    | 92       |
| 30) 1,2,4-Trichlorobenzene    | 11.032 | 180  | 100872   | 42.635 | ng    | 96       |
| 31) Naphthalene               | 11.244 | 128  | 318104   | 41.472 | ng    | # 95     |
| 32) Benzoic acid              | 10.439 | 122  | 79085    | 42.381 | ng    | 88       |
| 33) 4-Chloroaniline           | 11.356 | 127  | 140227   | 42.982 | ng    | 95       |
| 34) Hexachlorobutadiene       | 11.461 | 225  | 70334    | 43.679 | ng    | 96       |
| 35) Caprolactam               | 12.161 | 113  | 33398    | 39.035 | ng    | 92       |
| 36) 4-Chloro-3-methylphenol   | 12.431 | 107  | 133217   | 42.788 | ng    | # 93     |
| 37) 2-Methylnaphthalene       | 12.819 | 142  | 250402   | 38.761 | ng    | 90       |
| 38) 1-Methylnaphthalene       | 13.036 | 142  | 229738   | 38.563 | ng    | 89       |
| 40) 1,2,4,5-Tetrachloroben... | 13.159 | 216  | 121206   | 28.548 | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 13.112 | 237  | 77019    | 28.919 | ng    | 85       |
| 43) 2,4,6-Trichlorophenol     | 13.406 | 196  | 117876   | 39.925 | ng    | 92       |

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

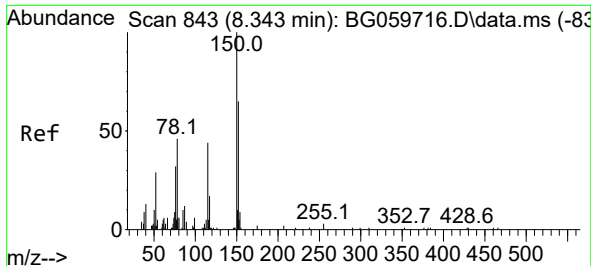
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

Quant Time: Nov 22 00:32:57 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG111623.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Nov 17 01:51:38 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 13.477 | 196  | 147406   | 42.491 | ng    | # 86     |
| 46) 1,1'-Biphenyl             | 13.806 | 154  | 513891   | 41.645 | ng    | 96       |
| 47) 2-Chloronaphthalene       | 13.864 | 162  | 356968   | 42.101 | ng    | 94       |
| 48) 2-Nitroaniline            | 14.082 | 65   | 143191   | 47.301 | ng    | 95       |
| 49) Acenaphthylene            | 14.705 | 152  | 590188   | 40.823 | ng    | 96       |
| 50) Dimethylphthalate         | 14.417 | 163  | 517152   | 42.449 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 14.558 | 165  | 99257    | 42.946 | ng    | 93       |
| 52) Acenaphthene              | 15.034 | 154  | 358936   | 41.282 | ng    | 96       |
| 53) 3-Nitroaniline            | 14.899 | 138  | 112450   | 41.567 | ng    | 95       |
| 54) 2,4-Dinitrophenol         | 15.092 | 184  | 71404    | 41.576 | ng    | # 72     |
| 55) Dibenzofuran              | 15.369 | 168  | 603732   | 42.115 | ng    | 89       |
| 56) 4-Nitrophenol             | 15.175 | 139  | 83908    | 40.540 | ng    | 92       |
| 57) 2,4-Dinitrotoluene        | 15.339 | 165  | 152699   | 42.962 | ng    | # 94     |
| 58) Fluorene                  | 16.015 | 166  | 496335   | 41.674 | ng    | 97       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.574 | 232  | 121614   | 39.880 | ng    | 96       |
| 60) Diethylphthalate          | 15.756 | 149  | 561317   | 42.959 | ng    | 97       |
| 61) 4-Chlorophenyl-phenyle... | 15.997 | 204  | 264986   | 43.227 | ng    | 93       |
| 62) 4-Nitroaniline            | 16.062 | 138  | 98784    | 36.434 | ng    | # 83     |
| 63) Azobenzene                | 16.291 | 77   | 595370   | 41.003 | ng    | 94       |
| 65) 4,6-Dinitro-2-methylph... | 16.091 | 198  | 91232    | 44.513 | ng    | 91       |
| 66) n-Nitrosodiphenylamine    | 16.215 | 169  | 448782   | 45.808 | ng    | 98       |
| 67) 4-Bromophenyl-phenylether | 16.890 | 248  | 170643   | 47.362 | ng    | 97       |
| 68) Hexachlorobenzene         | 16.990 | 284  | 166036   | 49.375 | ng    | 91       |
| 69) Atrazine                  | 17.149 | 200  | 139969   | 44.561 | ng    | 89       |
| 70) Pentachlorophenol         | 17.343 | 266  | 110631   | 43.122 | ng    | 90       |
| 71) Phenanthrene              | 17.766 | 178  | 735362   | 43.127 | ng    | 98       |
| 72) Anthracene                | 17.854 | 178  | 770915   | 43.514 | ng    | 96       |
| 73) Carbazole                 | 18.130 | 167  | 638510   | 41.254 | ng    | 99       |
| 74) Di-n-butylphthalate       | 18.629 | 149  | 768242   | 41.064 | ng    | 98       |
| 75) Fluoranthene              | 19.758 | 202  | 711524   | 34.796 | ng    | 99       |
| 77) Benzidine                 | 19.940 | 184  | 193339   | 37.365 | ng    | 95       |
| 78) Pyrene                    | 20.122 | 202  | 681462   | 43.893 | ng    | 100      |
| 80) Butylbenzylphthalate      | 20.974 | 149  | 283244   | 44.492 | ng    | 96       |
| 81) Benzo(a)anthracene        | 22.025 | 228  | 649770   | 41.617 | ng    | 96       |
| 82) 3,3'-Dichlorobenzidine    | 21.937 | 252  | 240922   | 41.419 | ng    | 90       |
| 83) Chrysene                  | 22.102 | 228  | 600857   | 41.981 | ng    | 96       |
| 84) Bis(2-ethylhexyl)phtha... | 21.849 | 149  | 386971   | 43.482 | ng    | # 99     |
| 85) Di-n-octyl phthalate      | 23.183 | 149  | 657532   | 38.379 | ng    | # 89     |
| 87) Indeno(1,2,3-cd)pyrene    | 29.822 | 276  | 823651   | 39.437 | ng    | # 96     |
| 88) Benzo(b)fluoranthene      | 24.476 | 252  | 654567   | 43.268 | ng    | 97       |
| 89) Benzo(k)fluoranthene      | 24.558 | 252  | 671702   | 44.912 | ng    | 99       |
| 90) Benzo(a)pyrene            | 25.474 | 252  | 633452   | 39.234 | ng    | # 98     |
| 91) Dibenzo(a,h)anthracene    | 29.899 | 278  | 720599   | 40.782 | ng    | # 91     |
| 92) Benzo(g,h,i)perylene      | 31.156 | 276  | 654518   | 39.039 | ng    | 96       |

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

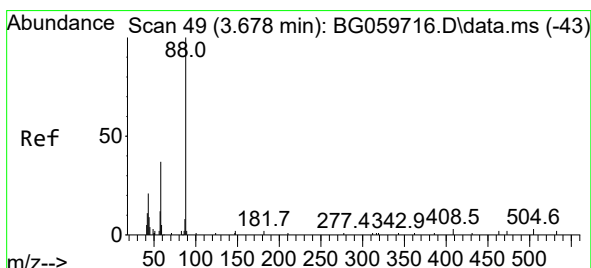
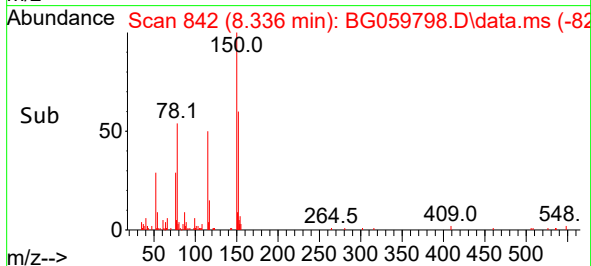
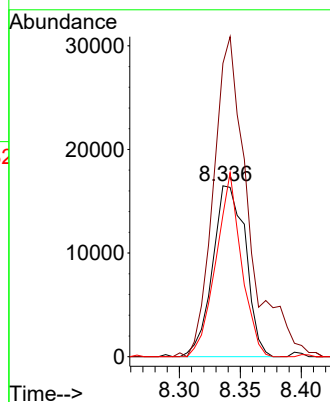
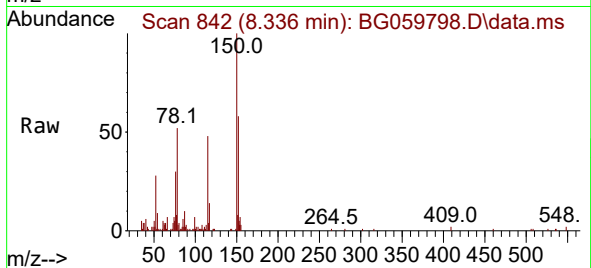




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.336 min Scan# 84  
Delta R.T. -0.007 min  
Lab File: BG059798.D  
Acq: 21 Nov 2023 19:03

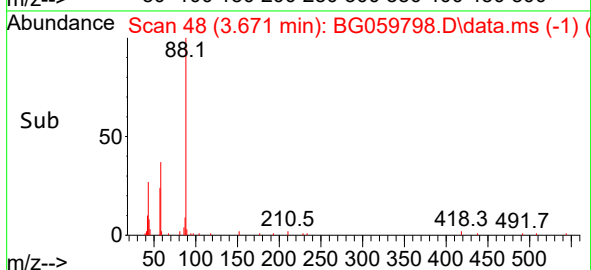
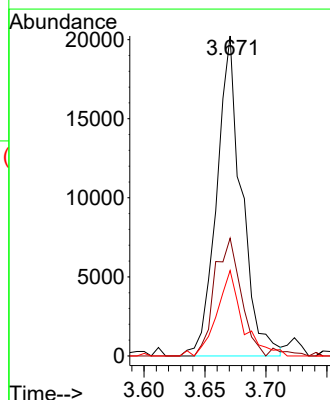
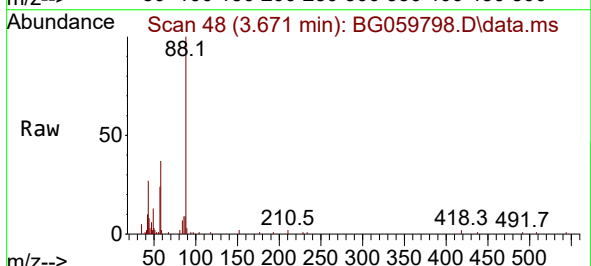
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

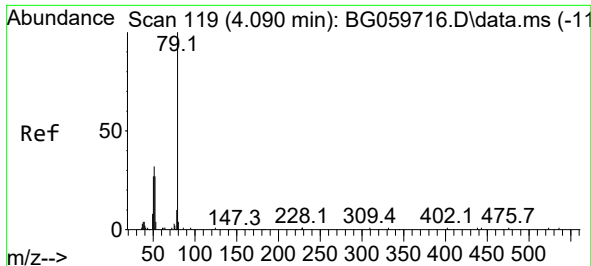
Tgt Ion:152 Resp: 30972  
Ion Ratio Lower Upper  
152 100  
150 171.6 122.2 183.4  
115 82.9 54.2 81.4#



#2  
1,4-Dioxane  
Concen: 33.452 ng  
RT: 3.671 min Scan# 48  
Delta R.T. -0.008 min  
Lab File: BG059798.D  
Acq: 21 Nov 2023 19:03

Tgt Ion: 88 Resp: 28912  
Ion Ratio Lower Upper  
88 100  
58 38.6 28.6 42.8  
43 27.4 17.5 26.3#

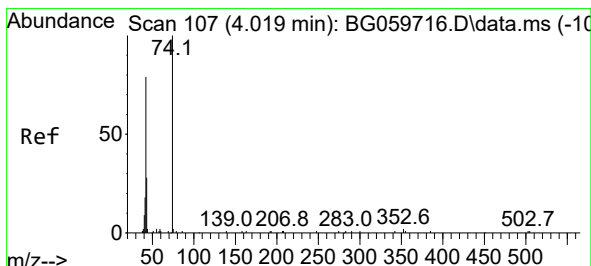
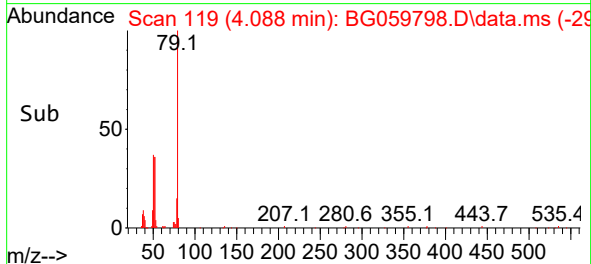
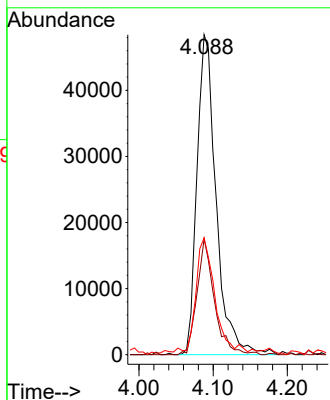
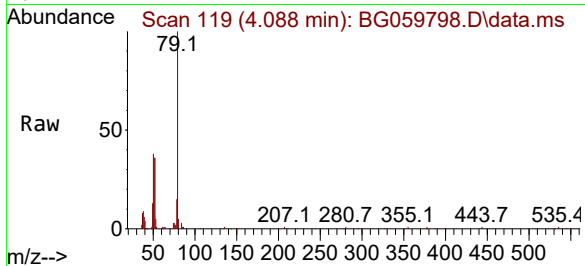




#3  
Pyridine  
Concen: 36.850 ng  
RT: 4.088 min Scan# 119  
Delta R.T. -0.002 min  
Lab File: BG059798.D  
Acq: 21 Nov 2023 19:03

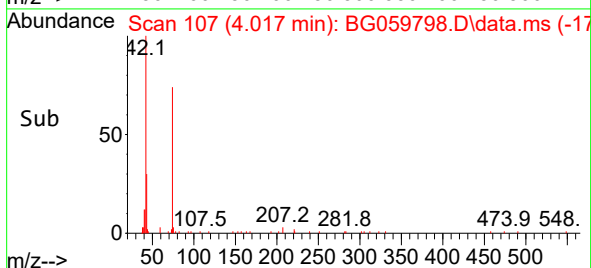
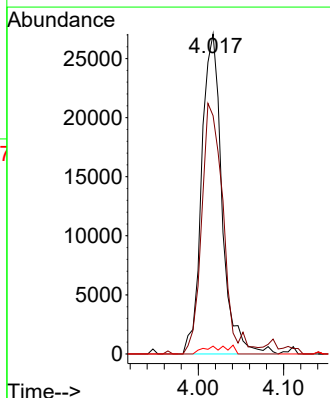
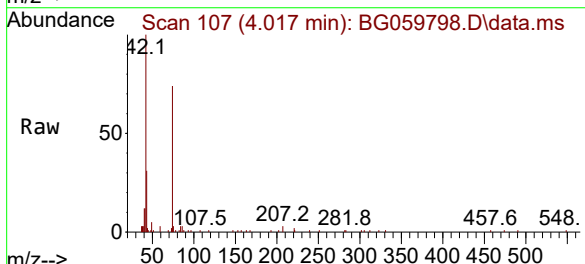
Instrument :  
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ClientSampleId :  
SSTDCCC040

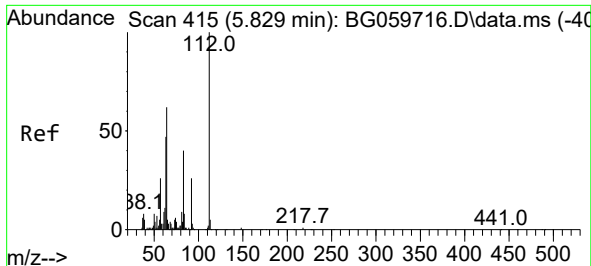
Tgt Ion: 79 Resp: 86989  
Ion Ratio Lower Upper  
79 100  
52 36.2 21.6 32.4#  
51 36.5 25.3 37.9



#4  
n-Nitrosodimethylamine  
Concen: 35.703 ng  
RT: 4.017 min Scan# 107  
Delta R.T. -0.002 min  
Lab File: BG059798.D  
Acq: 21 Nov 2023 19:03

Tgt Ion: 42 Resp: 44836  
Ion Ratio Lower Upper  
42 100  
74 74.4 101.2 151.8#  
44 2.4 2.4 3.6

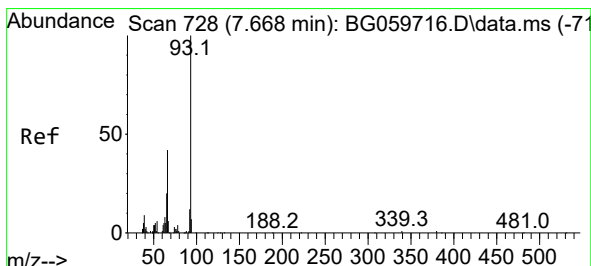
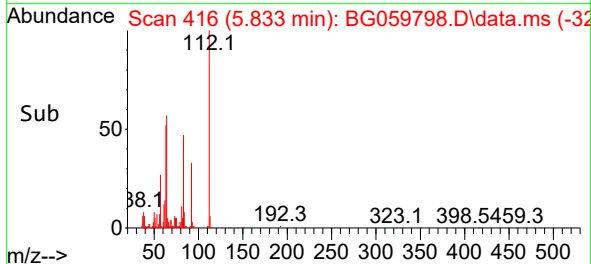
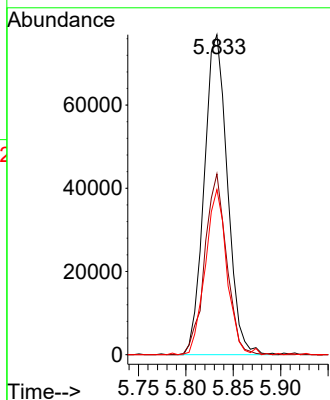
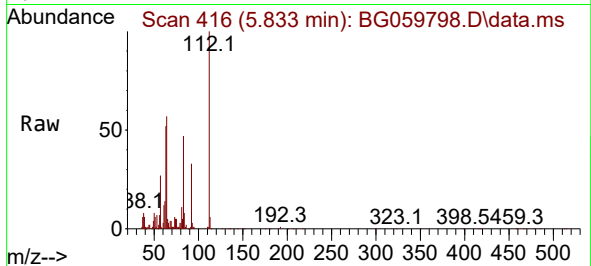




#5  
2-Fluorophenol  
Concen: 71.152 ng  
RT: 5.833 min Scan# 415  
Delta R.T. 0.004 min  
Lab File: BG059798.D  
Acq: 21 Nov 2023 19:03

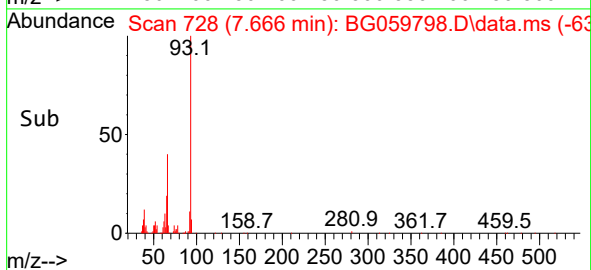
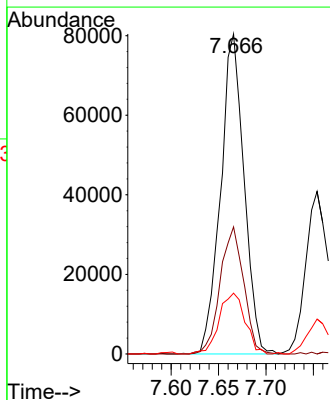
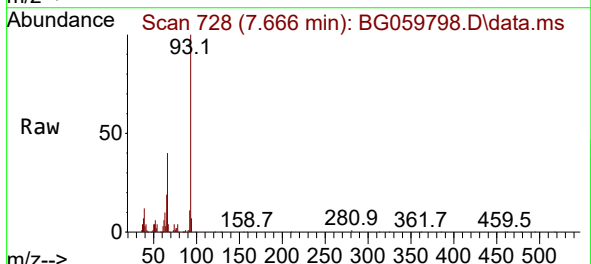
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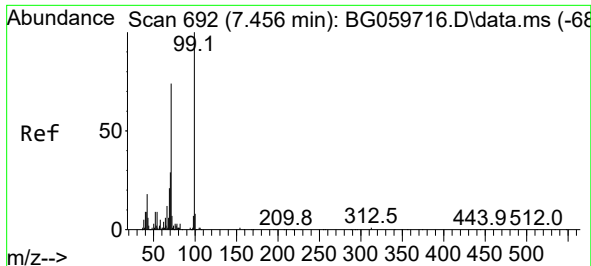
Tgt Ion:112 Resp: 130930  
Ion Ratio Lower Upper  
112 100  
64 56.5 49.5 74.3  
63 51.6 37.4 56.2



#6  
Aniline  
Concen: 38.496 ng  
RT: 7.666 min Scan# 728  
Delta R.T. -0.002 min  
Lab File: BG059798.D  
Acq: 21 Nov 2023 19:03

Tgt Ion: 93 Resp: 138538  
Ion Ratio Lower Upper  
93 100  
66 39.7 33.9 50.9  
65 19.0 15.8 23.8

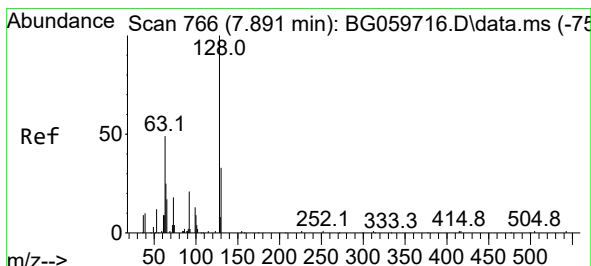
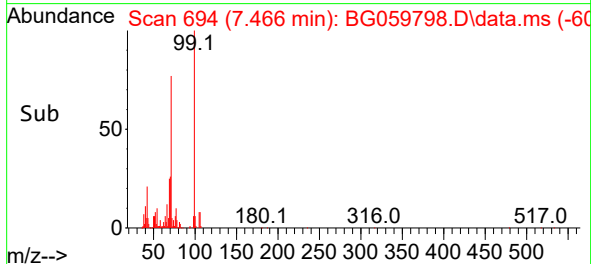
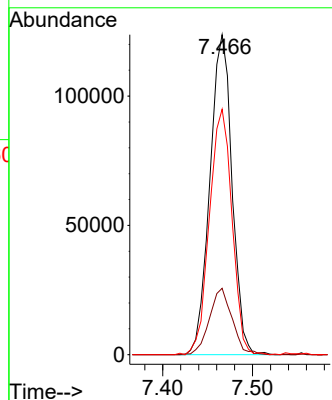
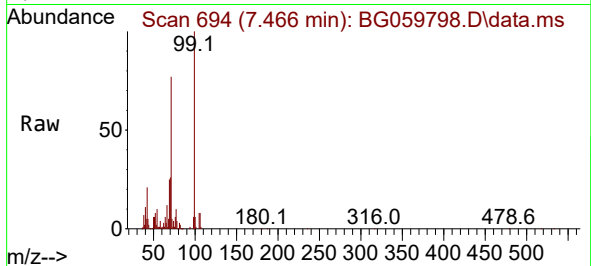




#7  
Phenol-d6  
Concen: 77.656 ng  
RT: 7.466 min Scan# 692  
Delta R.T. 0.010 min  
Lab File: BG059798.D  
Acq: 21 Nov 2023 19:03

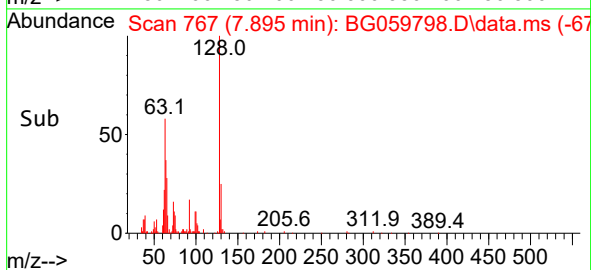
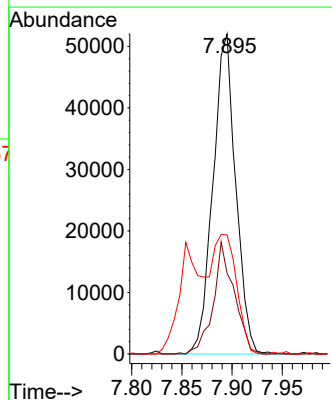
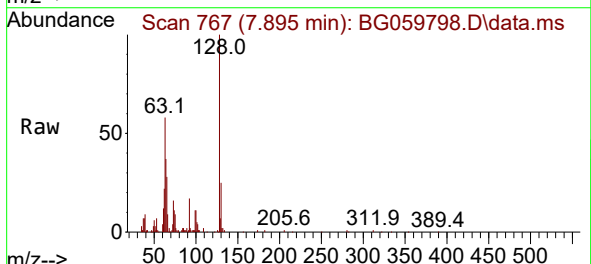
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

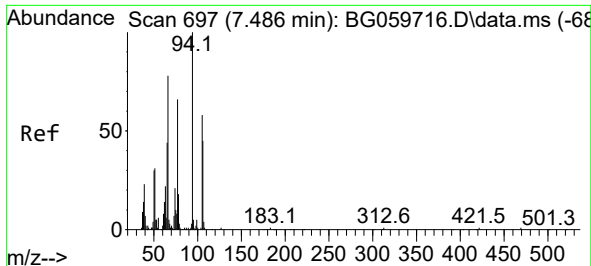
Tgt Ion: 99 Resp: 211759  
Ion Ratio Lower Upper  
99 100  
42 20.8 14.3 21.5  
71 76.7 59.3 88.9



#8  
2-Chlorophenol  
Concen: 40.959 ng  
RT: 7.895 min Scan# 767  
Delta R.T. 0.004 min  
Lab File: BG059798.D  
Acq: 21 Nov 2023 19:03

Tgt Ion:128 Resp: 81765  
Ion Ratio Lower Upper  
128 100  
130 25.2 13.1 53.1  
64 37.2 27.0 67.0

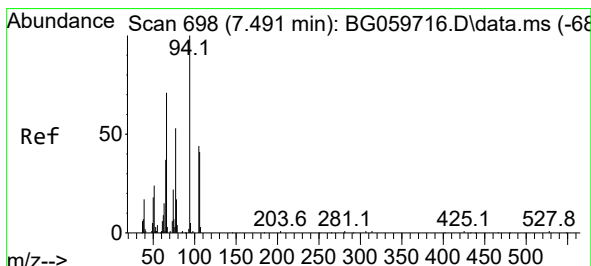
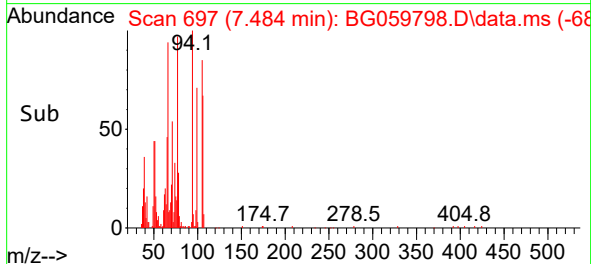
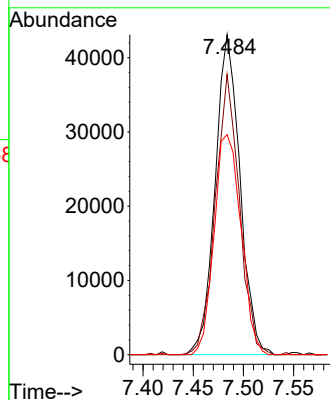
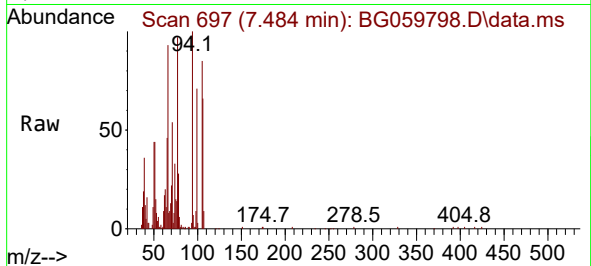




#9  
Benzaldehyde  
Concen: 40.199 ng  
RT: 7.484 min Scan# 697  
Delta R.T. -0.002 min  
Lab File: BG059798.D  
Acq: 21 Nov 2023 19:03

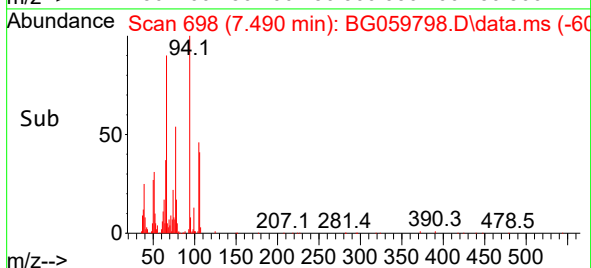
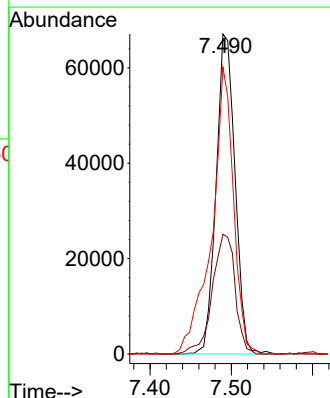
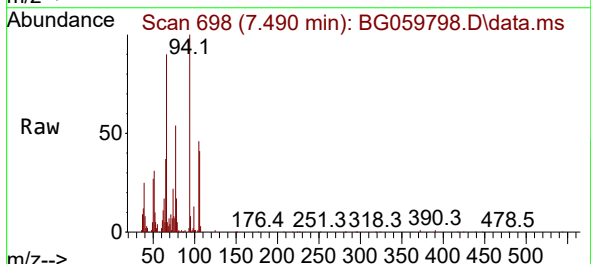
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

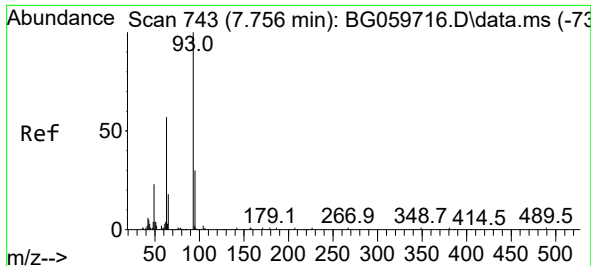
Tgt Ion: 77 Resp: 74097  
Ion Ratio Lower Upper  
77 100  
105 87.5 68.0 108.0  
106 68.8 48.1 88.1



#10  
Phenol  
Concen: 38.651 ng  
RT: 7.490 min Scan# 698  
Delta R.T. -0.002 min  
Lab File: BG059798.D  
Acq: 21 Nov 2023 19:03

Tgt Ion: 94 Resp: 108627  
Ion Ratio Lower Upper  
94 100  
65 37.4 18.1 58.1  
66 89.6 56.6 96.6

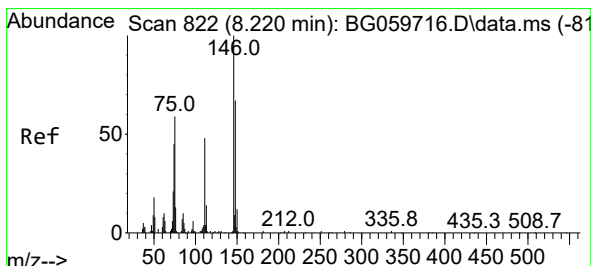
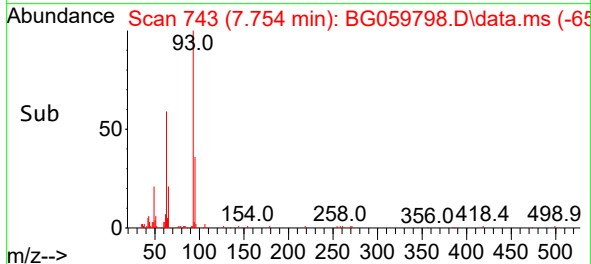
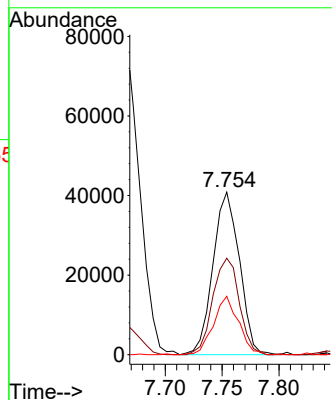
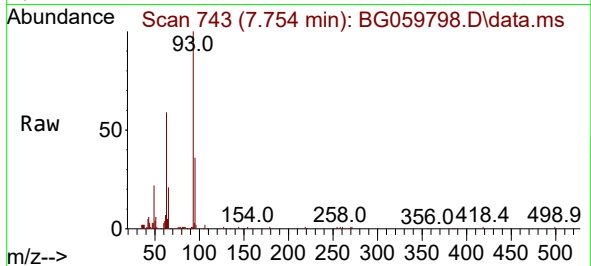




#11  
bis(2-Chloroethyl)ether  
Concen: 37.763 ng  
RT: 7.754 min Scan# 743  
Delta R.T. -0.002 min  
Lab File: BG059798.D  
Acq: 21 Nov 2023 19:03

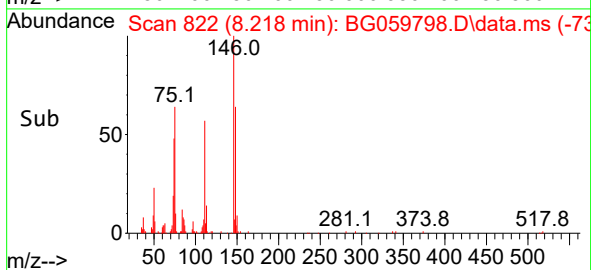
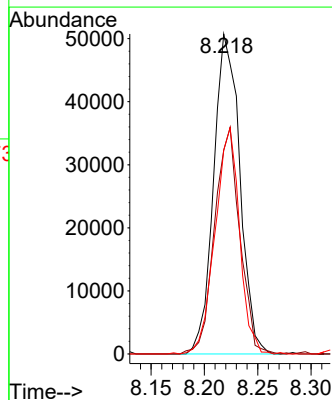
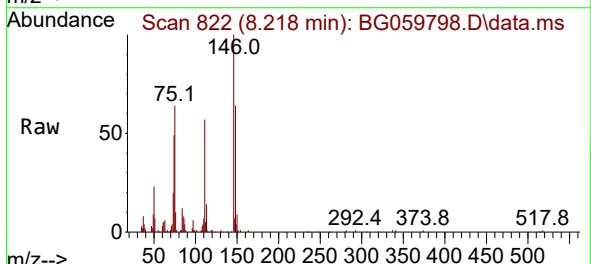
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

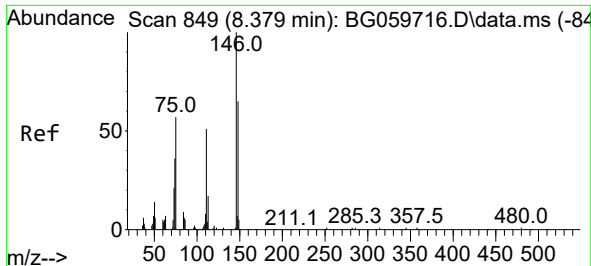
Tgt Ion: 93 Resp: 66067  
Ion Ratio Lower Upper  
93 100  
63 59.3 37.2 77.2  
95 35.9 10.2 50.2



#12  
1,3-Dichlorobenzene  
Concen: 39.059 ng  
RT: 8.218 min Scan# 822  
Delta R.T. -0.002 min  
Lab File: BG059798.D  
Acq: 21 Nov 2023 19:03

Tgt Ion:146 Resp: 86609  
Ion Ratio Lower Upper  
146 100  
148 63.7 53.9 80.9  
75 63.7 47.5 71.3

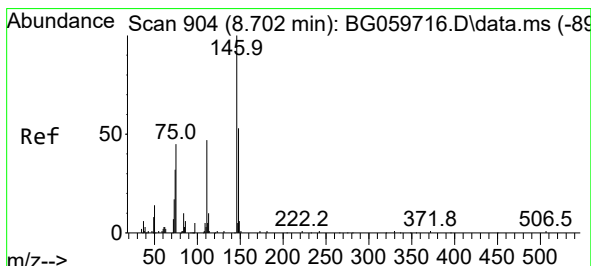
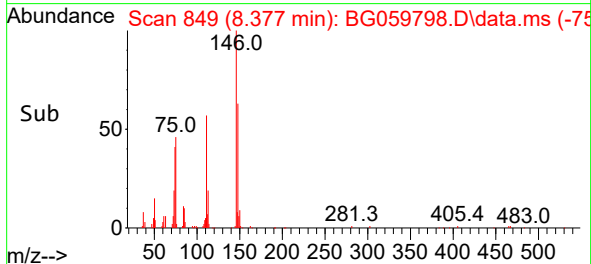
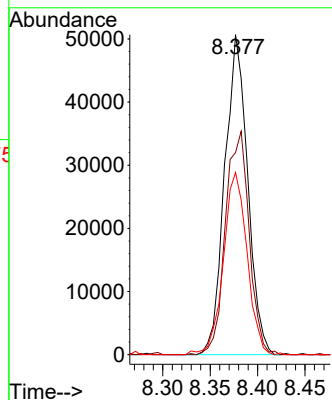
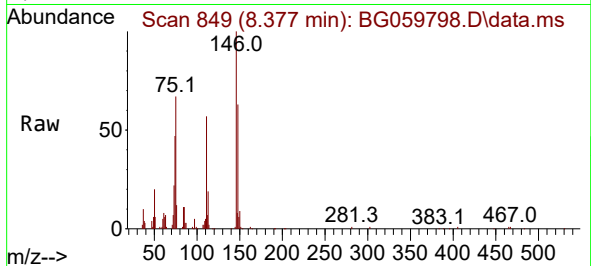




#13  
1,4-Dichlorobenzene  
Concen: 38.313 ng  
RT: 8.377 min Scan# 849  
Delta R.T. -0.002 min  
Lab File: BG059798.D  
Acq: 21 Nov 2023 19:03

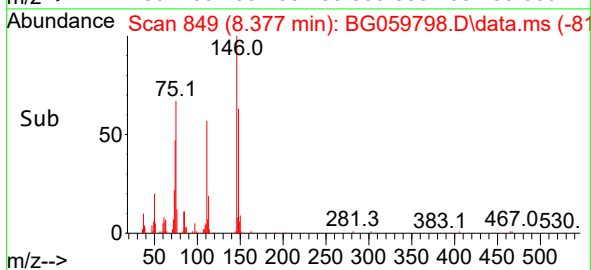
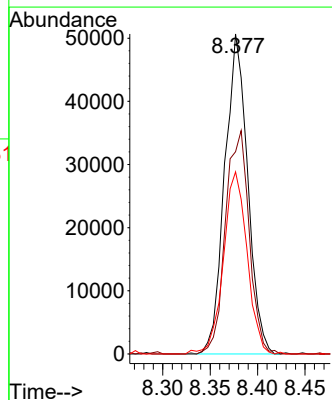
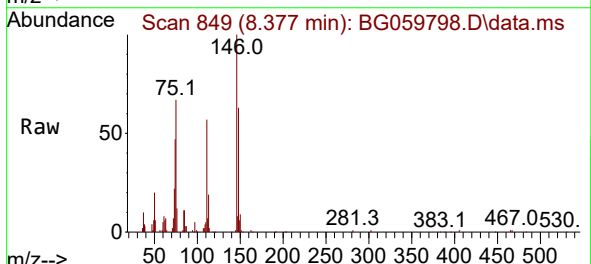
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

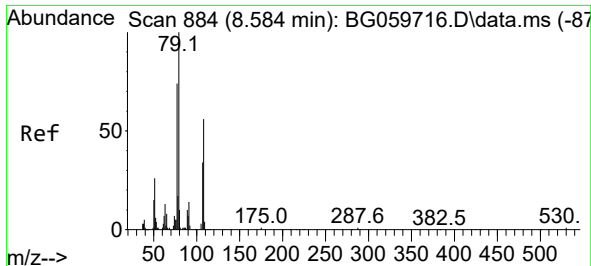
Tgt Ion:146 Resp: 85312  
Ion Ratio Lower Upper  
146 100  
148 63.2 52.3 78.5  
111 56.9 41.2 61.8



#14  
1,2-Dichlorobenzene  
Concen: 38.563 ng  
RT: 8.377 min Scan# 849  
Delta R.T. -0.325 min  
Lab File: BG059798.D  
Acq: 21 Nov 2023 19:03

Tgt Ion:146 Resp: 85312  
Ion Ratio Lower Upper  
146 100  
148 63.2 43.1 64.7  
111 56.9 38.3 57.5

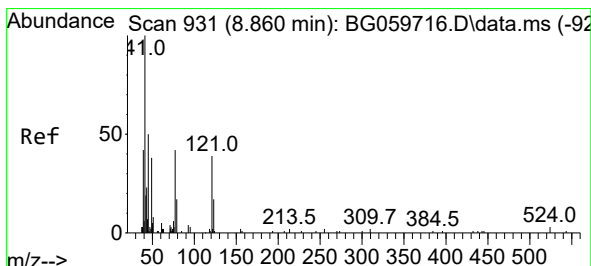
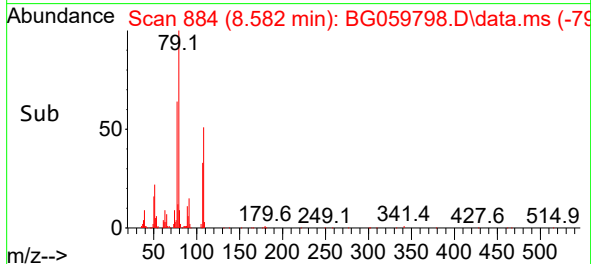
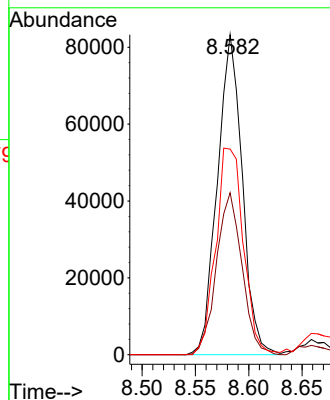
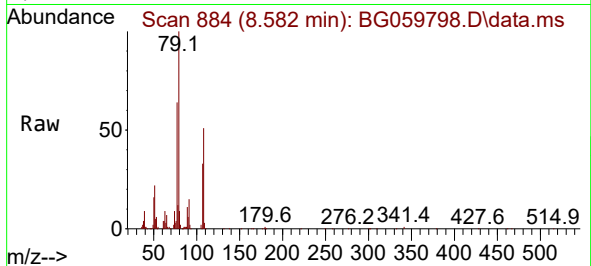




#15  
Benzyl Alcohol  
Concen: 43.396 ng  
RT: 8.582 min Scan# 884  
Delta R.T. -0.002 min  
Lab File: BG059798.D  
Acq: 21 Nov 2023 19:03

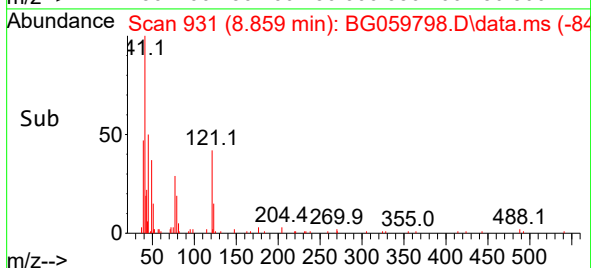
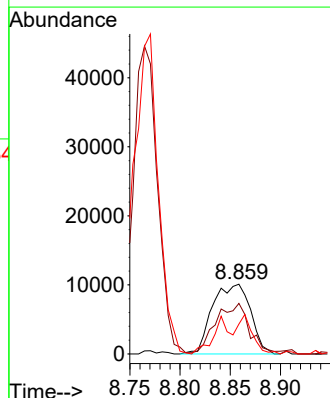
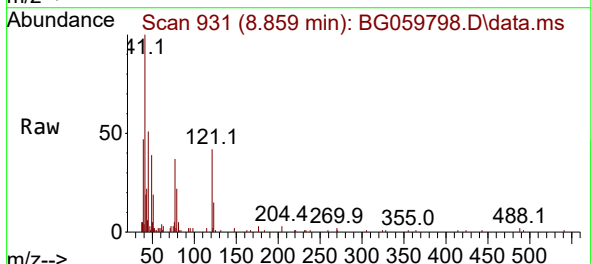
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

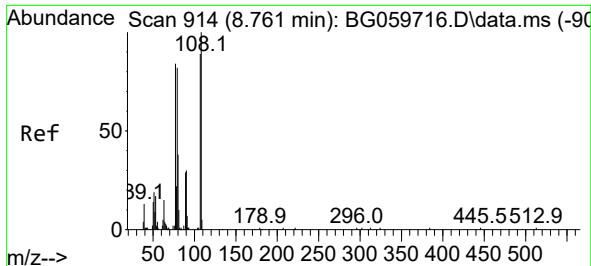
Tgt Ion: 79 Resp: 134945  
Ion Ratio Lower Upper  
79 100  
108 50.6 45.4 68.2  
77 64.2 59.4 89.2



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 41.426 ng  
RT: 8.859 min Scan# 931  
Delta R.T. -0.002 min  
Lab File: BG059798.D  
Acq: 21 Nov 2023 19:03

Tgt Ion: 45 Resp: 26665  
Ion Ratio Lower Upper  
45 100  
77 72.4 63.6 103.6  
79 43.0 19.6 59.6





#17

2-Methylphenol

Concen: 44.387 ng

RT: 8.770 min Scan# 914

Delta R.T. 0.010 min

Lab File: BG059798.D

Acq: 21 Nov 2023 19:03

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

Tgt Ion:107 Resp: 91884

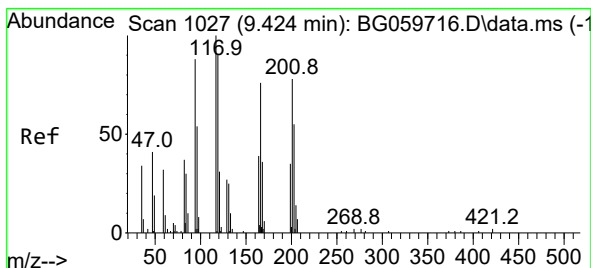
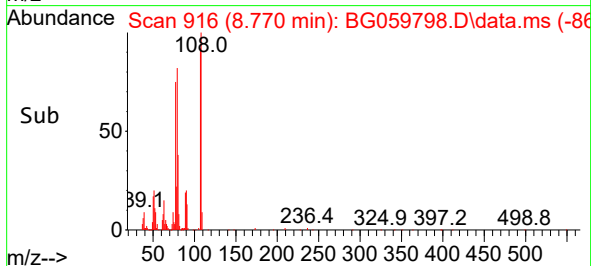
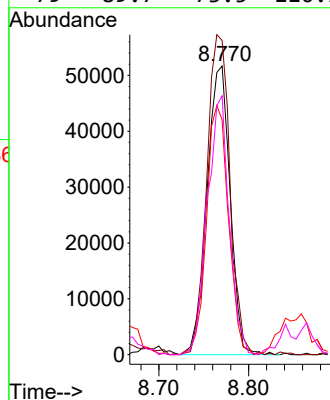
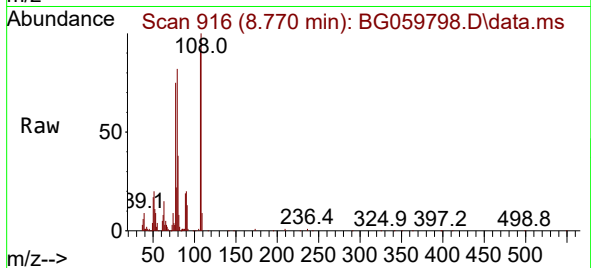
Ion Ratio Lower Upper

107 100

108 108.9 90.0 135.0

77 81.3 76.5 114.7

79 89.7 73.5 110.3



#18

Hexachloroethane

Concen: 39.441 ng

RT: 9.423 min Scan# 1027

Delta R.T. -0.002 min

Lab File: BG059798.D

Acq: 21 Nov 2023 19:03

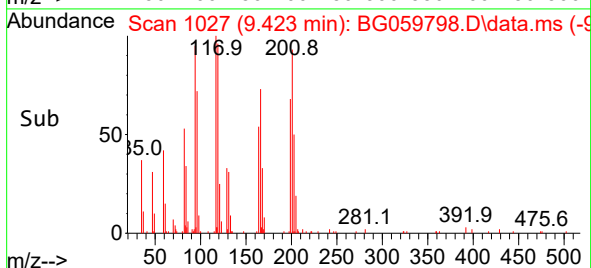
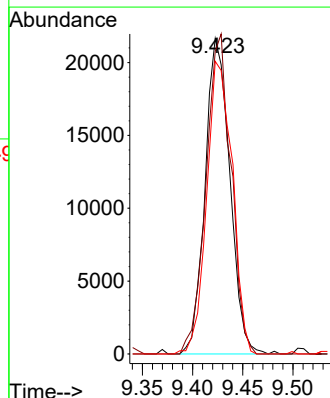
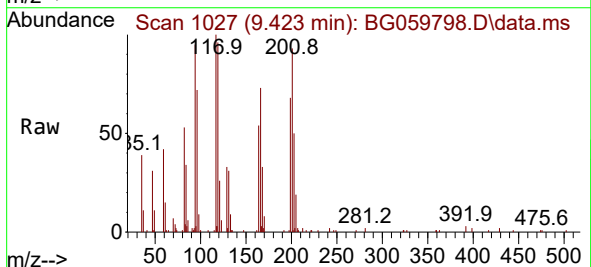
Tgt Ion:117 Resp: 37276

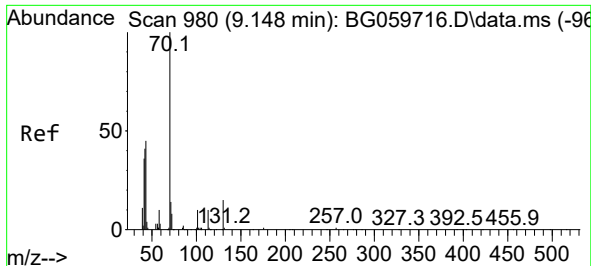
Ion Ratio Lower Upper

117 100

119 95.9 71.8 107.8

201 92.8 62.2 93.4





#19

n-Nitroso-di-n-propylamine

Concen: 44.595 ng

RT: 9.146 min Scan# 91

Delta R.T. -0.002 min

Lab File: BG059798.D

Acq: 21 Nov 2023 19:03

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

Tgt Ion: 70 Resp: 95762

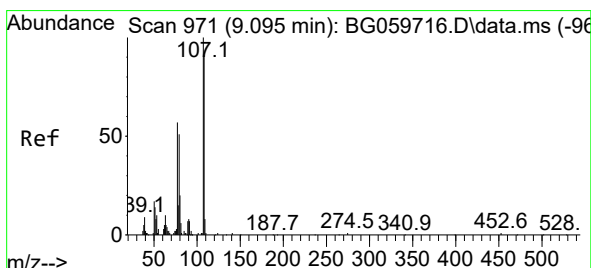
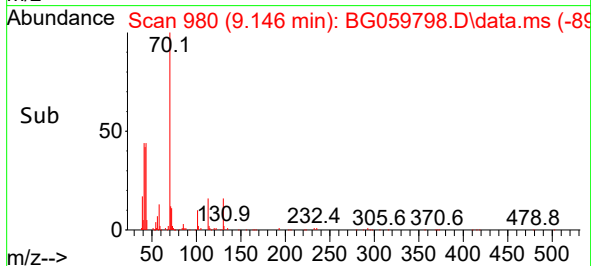
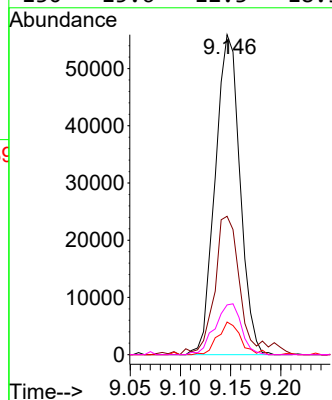
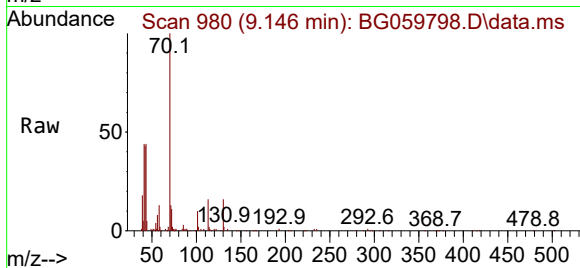
Ion Ratio Lower Upper

70 100

42 43.3 32.8 49.2

101 10.2 7.7 11.5

130 15.6 12.3 18.5



#20

3+4-Methylphenols

Concen: 44.836 ng

RT: 9.099 min Scan# 972

Delta R.T. 0.004 min

Lab File: BG059798.D

Acq: 21 Nov 2023 19:03

Tgt Ion: 107 Resp: 128849

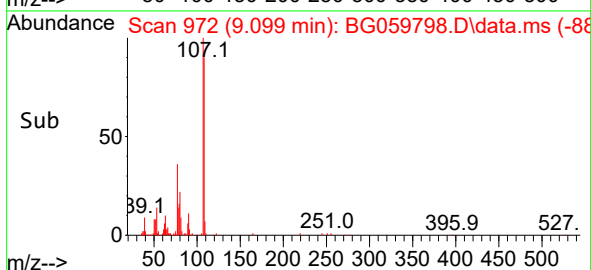
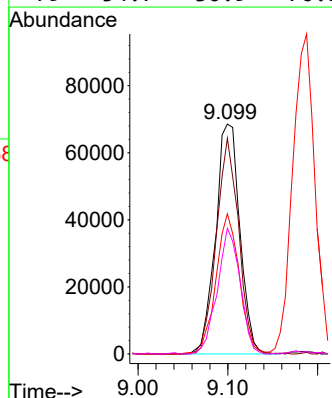
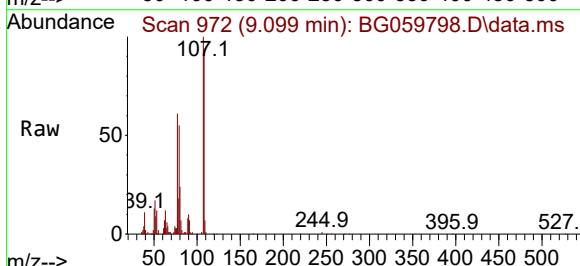
Ion Ratio Lower Upper

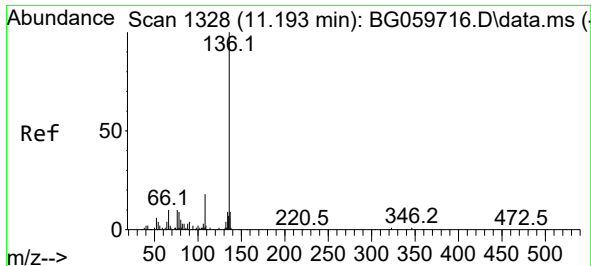
107 100

108 93.8 71.1 111.1

77 61.0 37.5 77.5

79 54.7 30.9 70.9

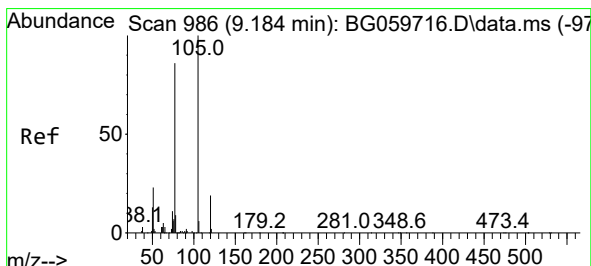
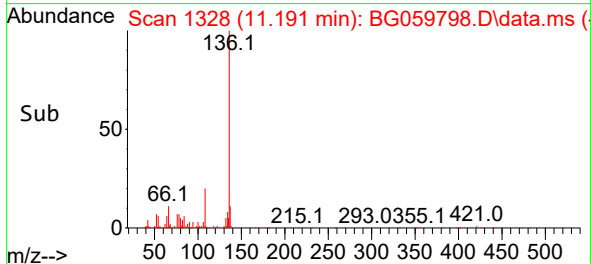
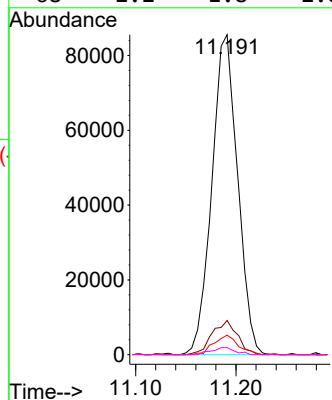
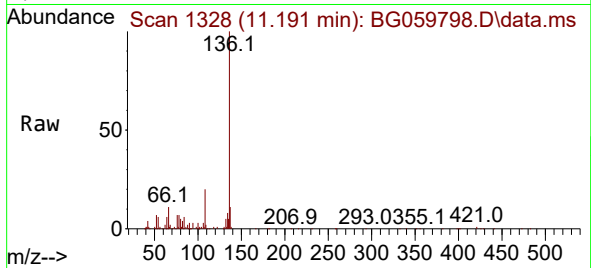




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 11.191 min Scan# 11  
Delta R.T. -0.002 min  
Lab File: BG059798.D  
Acq: 21 Nov 2023 19:03

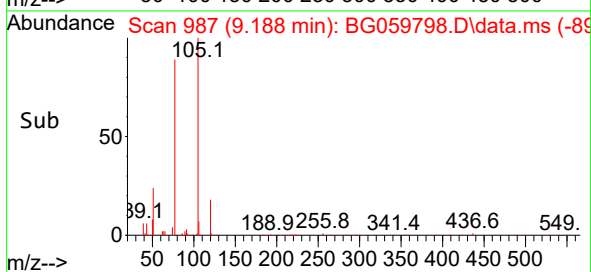
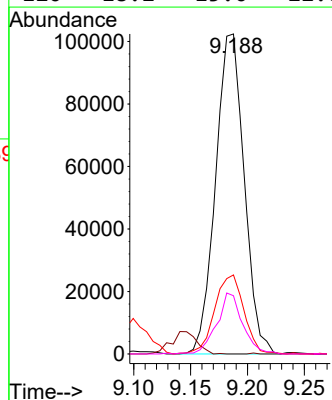
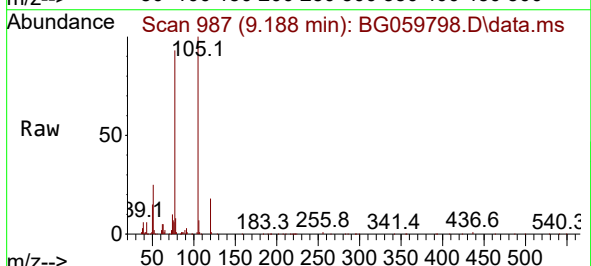
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

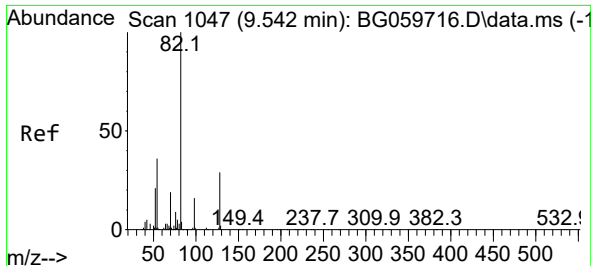
Tgt Ion:136 Resp: 152539  
Ion Ratio Lower Upper  
136 100  
137 10.7 7.4 11.0  
54 6.1 3.1 4.7#  
68 2.2 1.8 2.8



#22  
Acetophenone  
Concen: 41.481 ng  
RT: 9.188 min Scan# 987  
Delta R.T. 0.004 min  
Lab File: BG059798.D  
Acq: 21 Nov 2023 19:03

Tgt Ion:105 Resp: 179138  
Ion Ratio Lower Upper  
105 100  
71 0.0 0.0 0.0  
51 24.7 18.4 27.6  
120 18.2 15.0 22.6

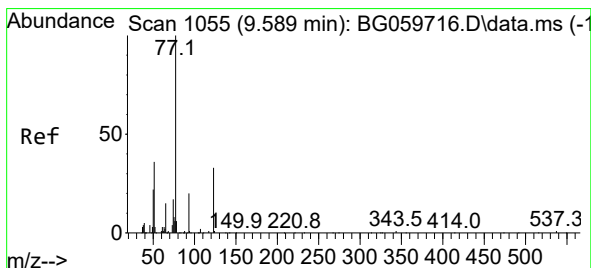
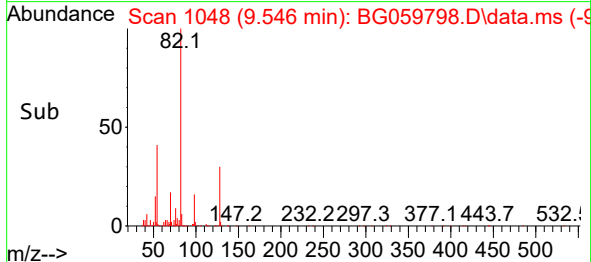
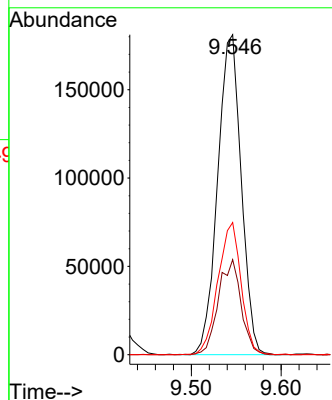
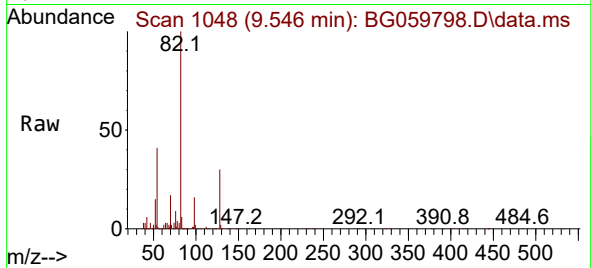




#23  
Nitrobenzene-d5  
Concen: 82.563 ng  
RT: 9.546 min Scan# 1047  
Delta R.T. 0.004 min  
Lab File: BG059798.D  
Acq: 21 Nov 2023 19:03

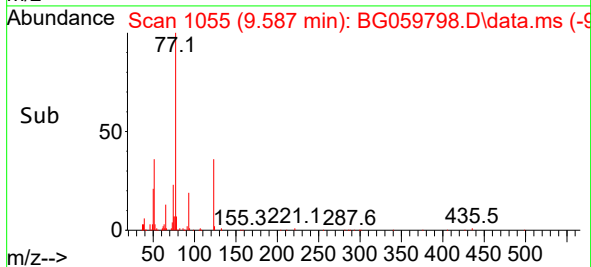
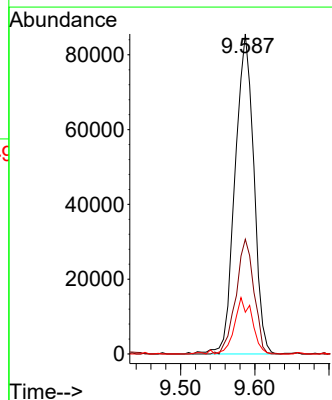
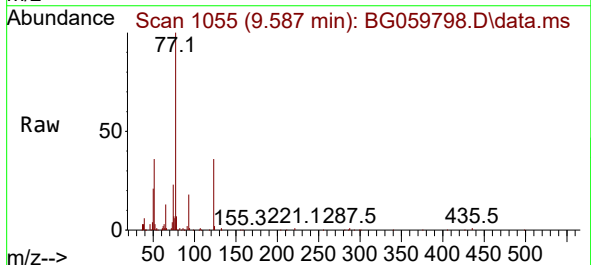
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BNA\_G  
ClientSampleId :  
SSTDCCC040

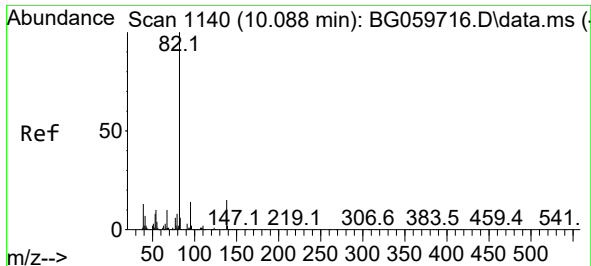
Tgt Ion: 82 Resp: 329757  
Ion Ratio Lower Upper  
82 100  
128 29.7 23.0 34.6  
54 41.3 28.7 43.1



#24  
Nitrobenzene  
Concen: 40.817 ng  
RT: 9.587 min Scan# 1055  
Delta R.T. -0.002 min  
Lab File: BG059798.D  
Acq: 21 Nov 2023 19:03

Tgt Ion: 77 Resp: 150144  
Ion Ratio Lower Upper  
77 100  
123 35.9 26.1 39.1  
65 13.1 12.1 18.1

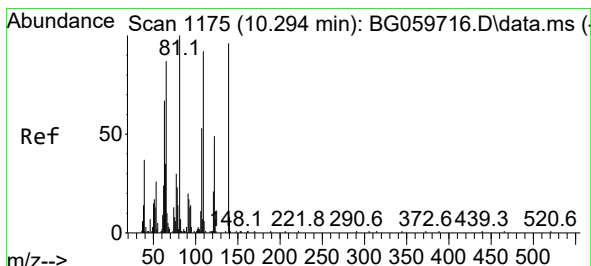
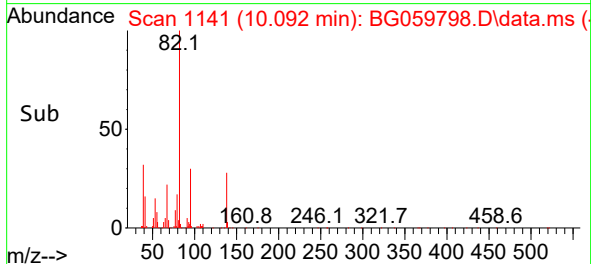
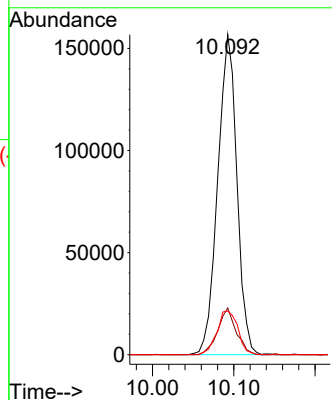
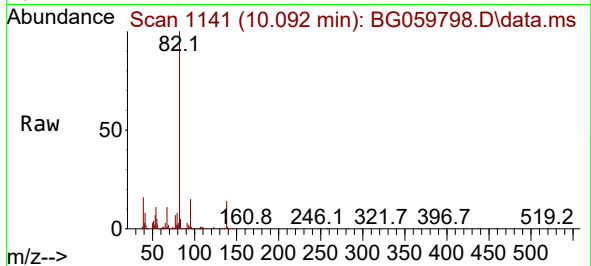




#25  
Isophorone  
Concen: 38.353 ng  
RT: 10.092 min Scan# 1141  
Delta R.T. 0.004 min  
Lab File: BG059798.D  
Acq: 21 Nov 2023 19:03

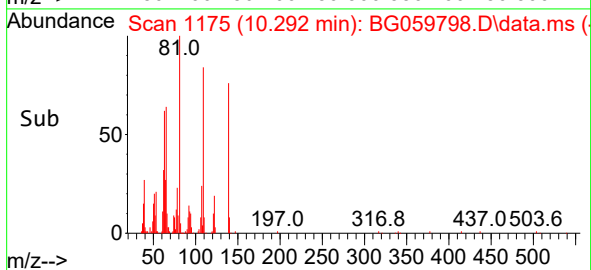
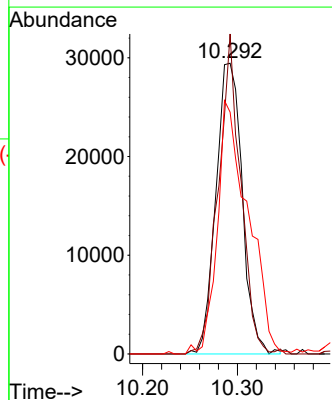
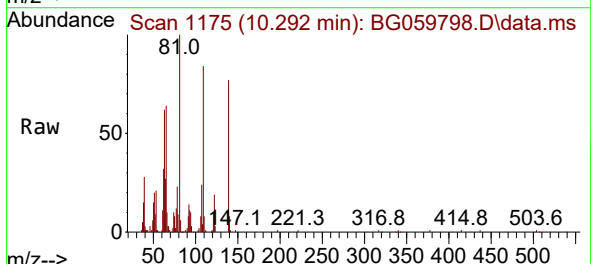
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

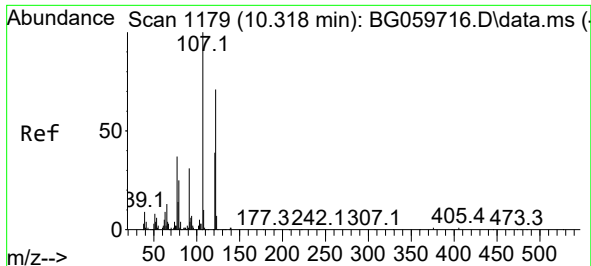
Tgt Ion: 82 Resp: 257162  
Ion Ratio Lower Upper  
82 100  
95 14.6 11.4 17.0  
138 13.7 12.1 18.1



#26  
2-Nitrophenol  
Concen: 42.122 ng  
RT: 10.292 min Scan# 1175  
Delta R.T. -0.002 min  
Lab File: BG059798.D  
Acq: 21 Nov 2023 19:03

Tgt Ion:139 Resp: 56805  
Ion Ratio Lower Upper  
139 100  
109 110.0 76.7 115.1  
65 83.1 72.1 108.1

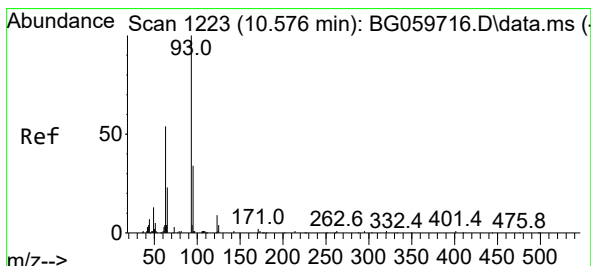
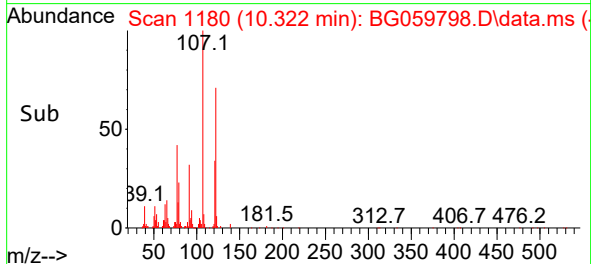
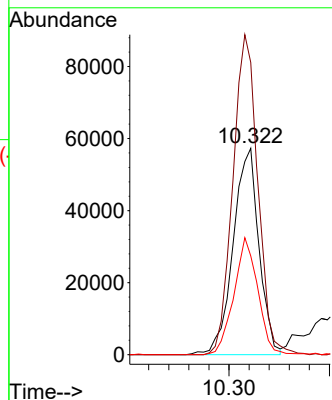
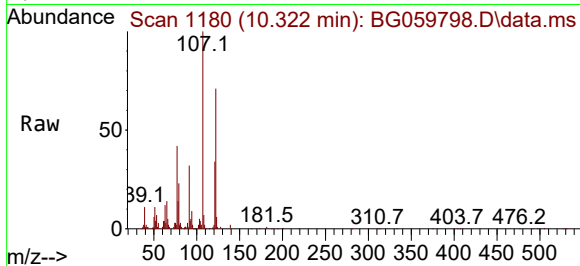




#27  
2,4-Dimethylphenol  
Concen: 37.333 ng  
RT: 10.322 min Scan# 1179  
Delta R.T. 0.004 min  
Lab File: BG059798.D  
Acq: 21 Nov 2023 19:03

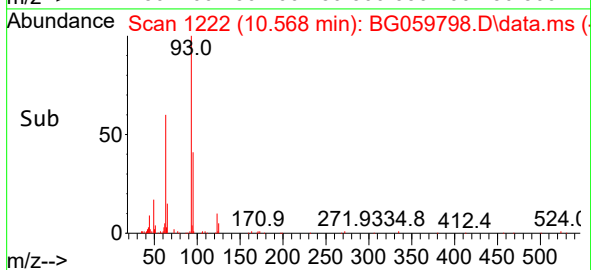
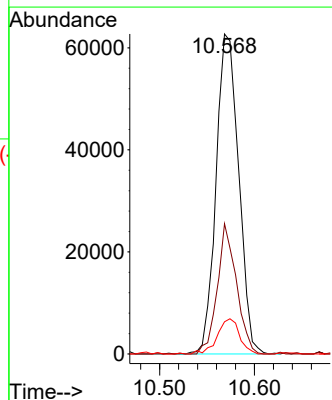
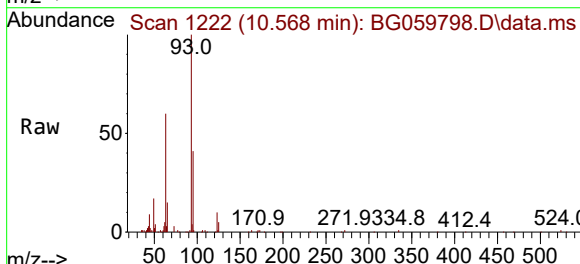
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

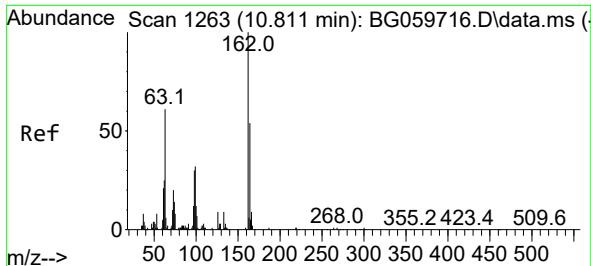
Tgt Ion:122 Resp: 102368  
Ion Ratio Lower Upper  
122 100  
107 141.5 112.1 168.1  
121 47.8 43.2 64.8



#28  
bis(2-Chloroethoxy)methane  
Concen: 41.275 ng  
RT: 10.568 min Scan# 1222  
Delta R.T. -0.008 min  
Lab File: BG059798.D  
Acq: 21 Nov 2023 19:03

Tgt Ion: 93 Resp: 104001  
Ion Ratio Lower Upper  
93 100  
95 40.7 27.0 40.6#  
123 10.0 7.6 11.4





#29

2,4-Dichlorophenol

Concen: 40.920 ng

RT: 10.815 min Scan# 1263

Delta R.T. 0.004 min

Lab File: BG059798.D

Acq: 21 Nov 2023 19:03

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

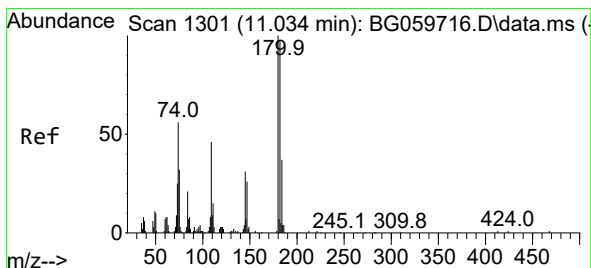
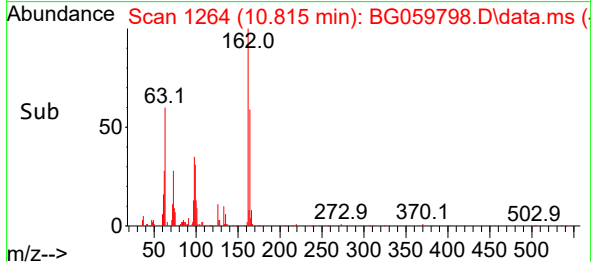
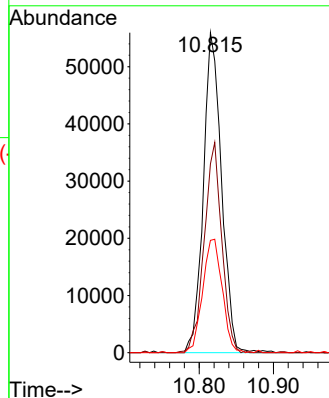
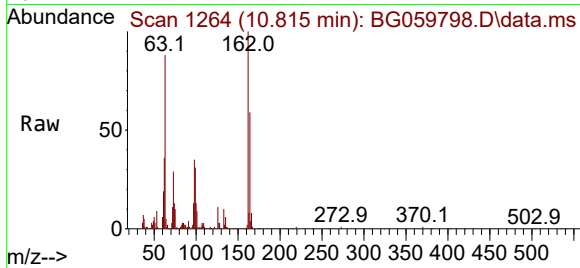
Tgt Ion:162 Resp: 95795

Ion Ratio Lower Upper

162 100

164 59.0 33.6 73.6

98 35.1 10.7 50.7



#30

1,2,4-Trichlorobenzene

Concen: 42.635 ng

RT: 11.032 min Scan# 1301

Delta R.T. -0.002 min

Lab File: BG059798.D

Acq: 21 Nov 2023 19:03

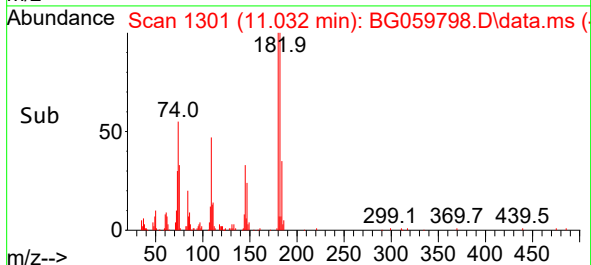
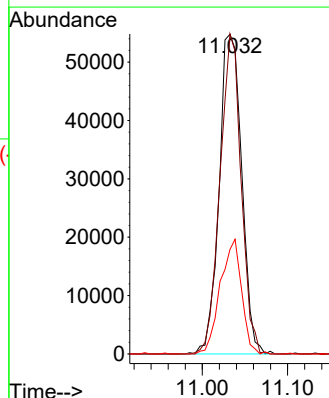
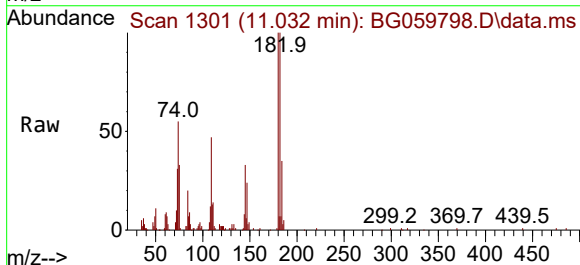
Tgt Ion:180 Resp: 100872

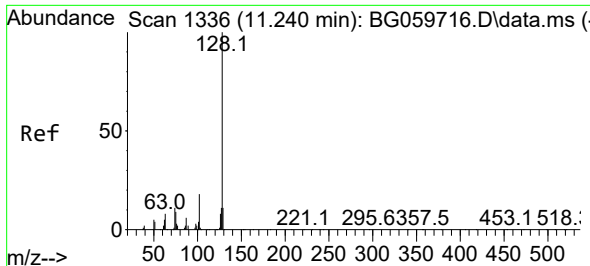
Ion Ratio Lower Upper

180 100

182 100.1 77.4 116.2

145 32.7 24.4 36.6

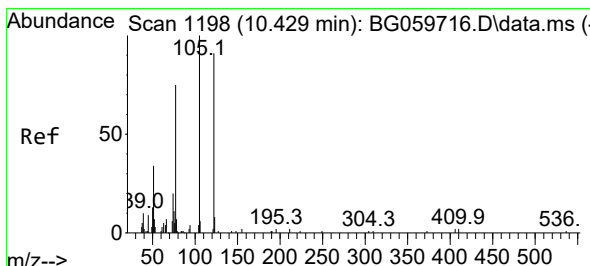
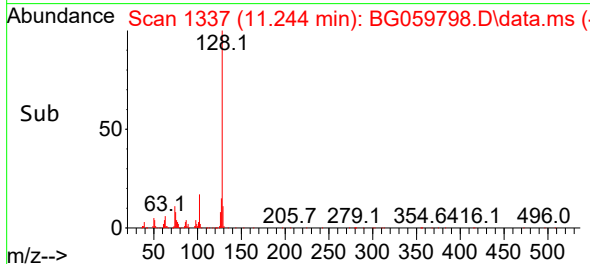
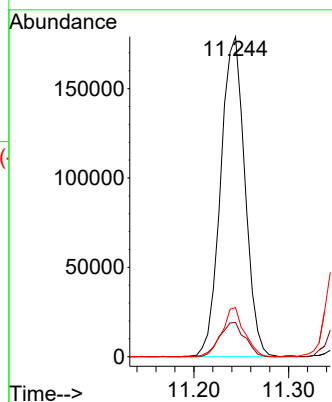
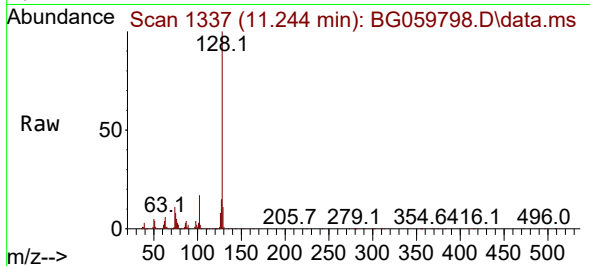




#31  
Naphthalene  
Concen: 41.472 ng  
RT: 11.244 min Scan# 11  
Delta R.T. 0.004 min  
Lab File: BG059798.D  
Acq: 21 Nov 2023 19:03

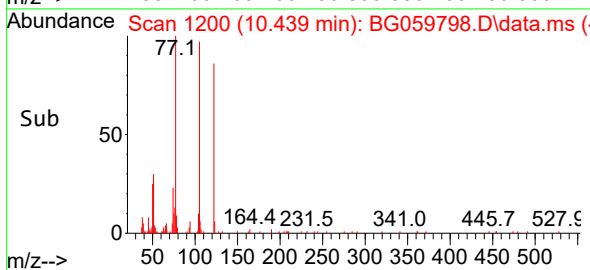
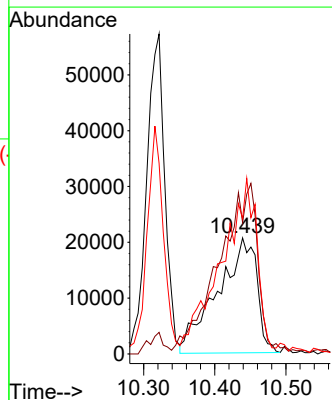
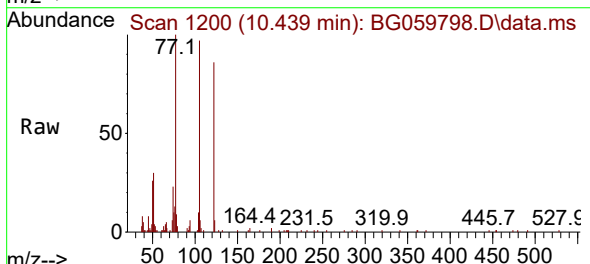
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

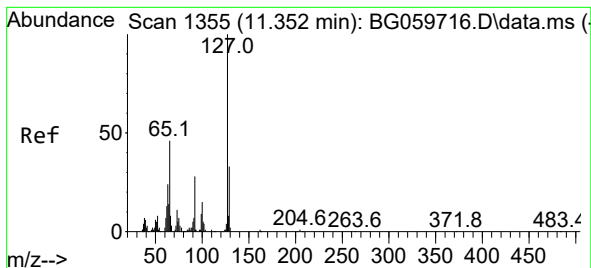
Tgt Ion:128 Resp: 318104  
Ion Ratio Lower Upper  
128 100  
129 10.7 8.7 13.1  
127 15.4 9.2 13.8#



#32  
Benzoic acid  
Concen: 42.381 ng  
RT: 10.439 min Scan# 1200  
Delta R.T. 0.010 min  
Lab File: BG059798.D  
Acq: 21 Nov 2023 19:03

Tgt Ion:122 Resp: 79085  
Ion Ratio Lower Upper  
122 100  
105 113.3 103.7 143.7  
77 116.8 82.3 122.3

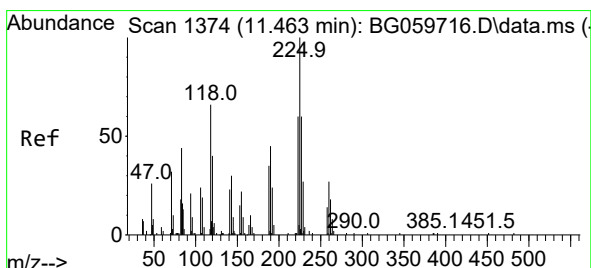
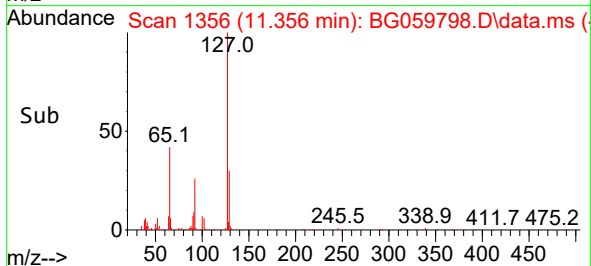
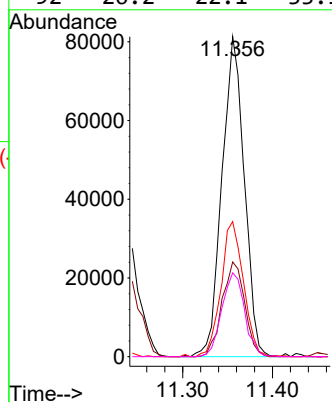
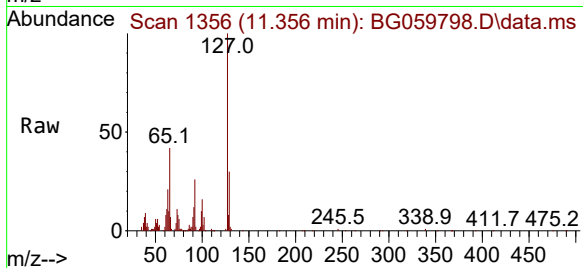




#33  
4-Chloroaniline  
Concen: 42.982 ng  
RT: 11.356 min Scan# 11  
Delta R.T. 0.004 min  
Lab File: BG059798.D  
Acq: 21 Nov 2023 19:03

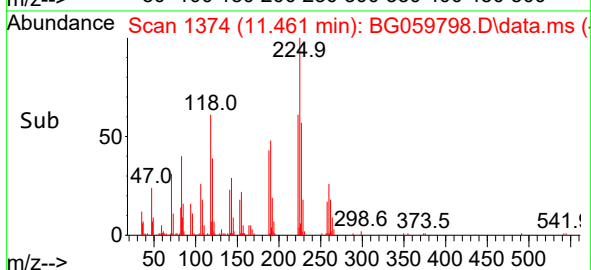
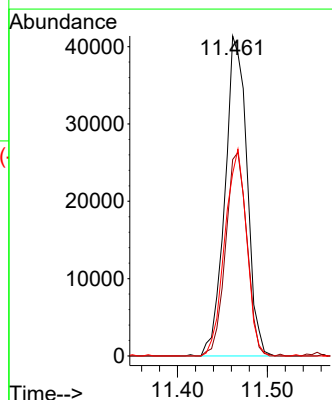
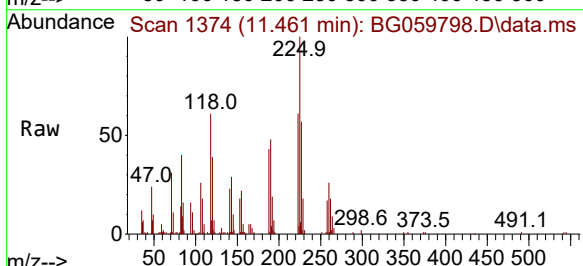
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

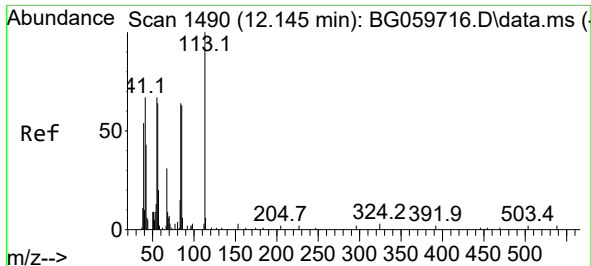
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 127   | Resp: | 140227 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 29.6  | 26.8  | 40.2   |
| 65       | 42.2  | 36.5  | 54.7   |
| 92       | 26.2  | 22.1  | 33.1   |



#34  
Hexachlorobutadiene  
Concen: 43.679 ng  
RT: 11.461 min Scan# 1374  
Delta R.T. -0.002 min  
Lab File: BG059798.D  
Acq: 21 Nov 2023 19:03

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 225   | Resp: | 70334 |
| Ion      | Ratio | Lower | Upper |
| 225      | 100   |       |       |
| 223      | 58.0  | 46.6  | 69.8  |
| 227      | 53.9  | 48.2  | 72.2  |

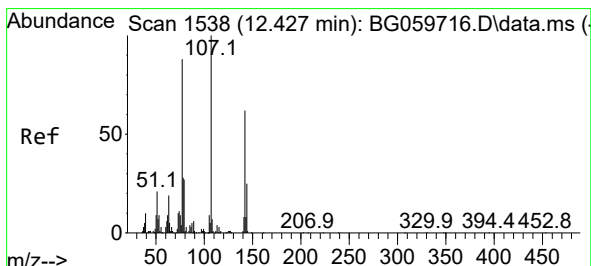
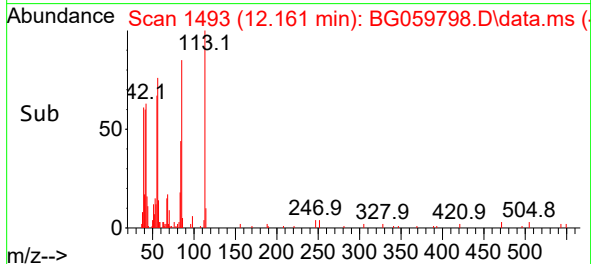
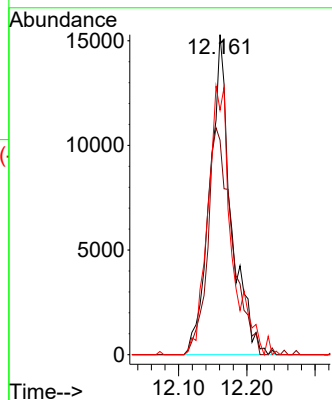
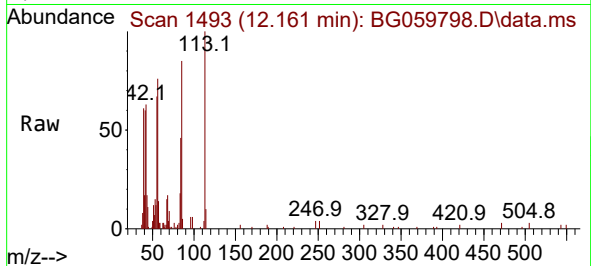




#35  
Caprolactam  
Concen: 39.035 ng  
RT: 12.161 min Scan# 1490  
Delta R.T. 0.016 min  
Lab File: BG059798.D  
Acq: 21 Nov 2023 19:03

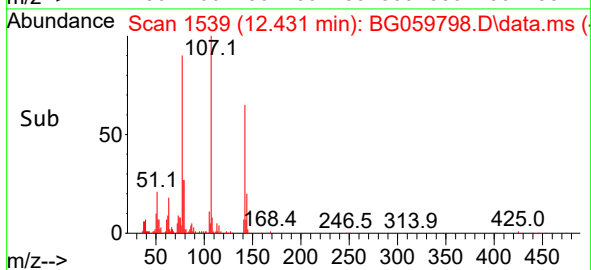
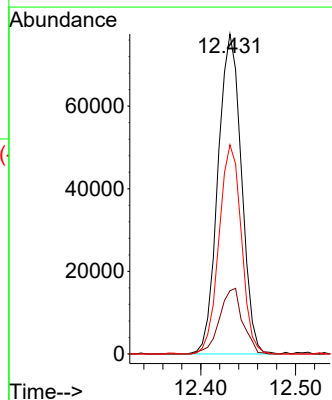
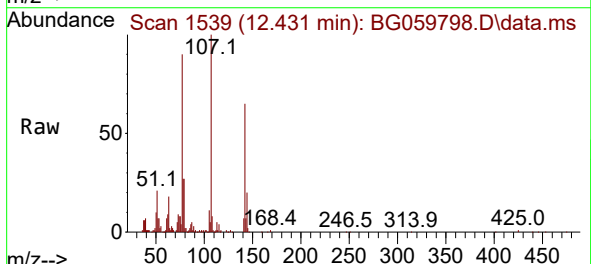
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

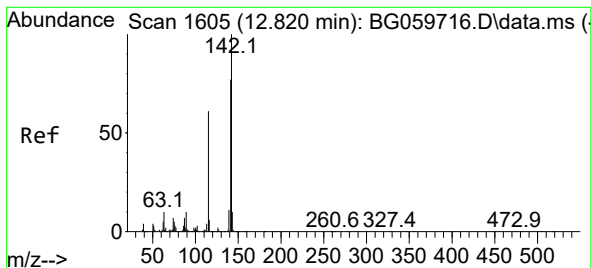
Tgt Ion:113 Resp: 33398  
Ion Ratio Lower Upper  
113 100  
55 67.1 47.1 87.1  
56 76.4 43.7 83.7



#36  
4-Chloro-3-methylphenol  
Concen: 42.788 ng  
RT: 12.431 min Scan# 1539  
Delta R.T. 0.004 min  
Lab File: BG059798.D  
Acq: 21 Nov 2023 19:03

Tgt Ion:107 Resp: 133217  
Ion Ratio Lower Upper  
107 100  
144 19.7 20.2 30.4#  
142 65.3 49.4 74.0

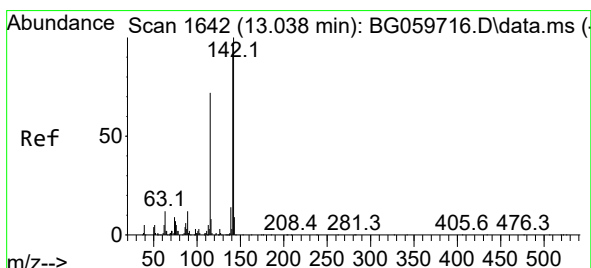
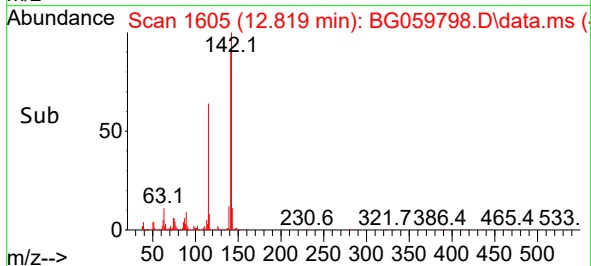
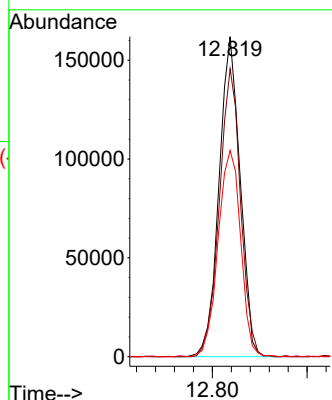
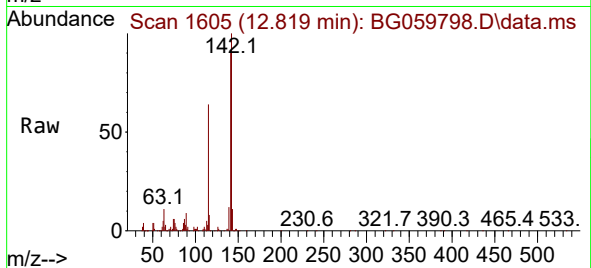




#37  
2-Methylnaphthalene  
Concen: 38.761 ng  
RT: 12.819 min Scan# 1  
Delta R.T. -0.002 min  
Lab File: BG059798.D  
Acq: 21 Nov 2023 19:03

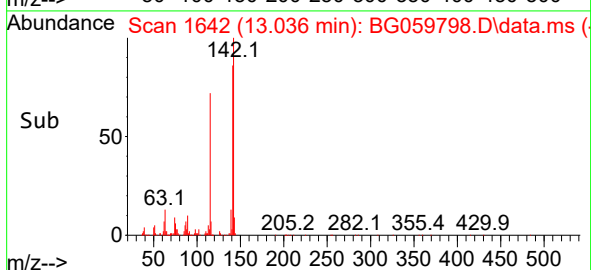
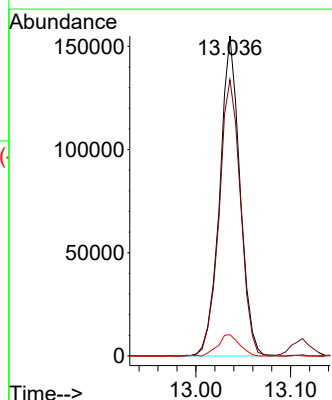
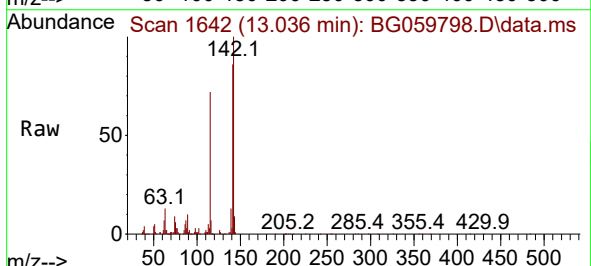
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

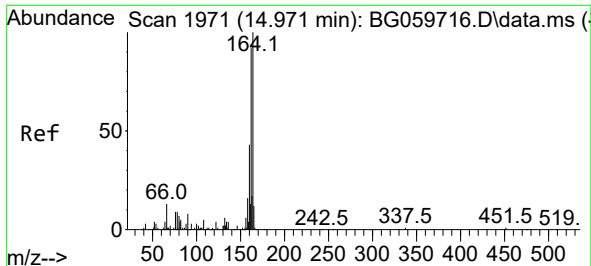
Tgt Ion:142 Resp: 250402  
Ion Ratio Lower Upper  
142 100  
141 90.0 61.9 92.9  
115 64.5 49.0 73.4



#38  
1-Methylnaphthalene  
Concen: 38.563 ng  
RT: 13.036 min Scan# 1642  
Delta R.T. -0.002 min  
Lab File: BG059798.D  
Acq: 21 Nov 2023 19:03

Tgt Ion:142 Resp: 229738  
Ion Ratio Lower Upper  
142 100  
141 86.3 77.8 116.8  
116 6.6 6.2 9.2

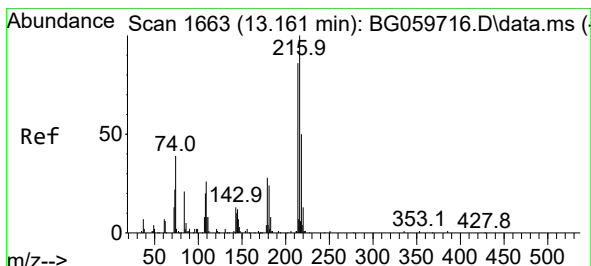
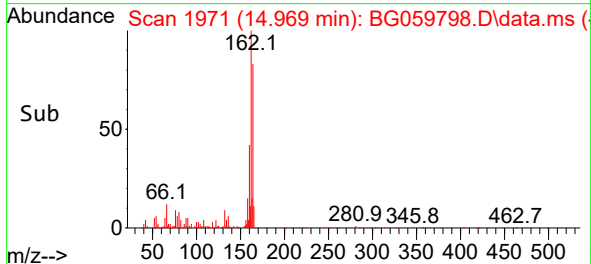
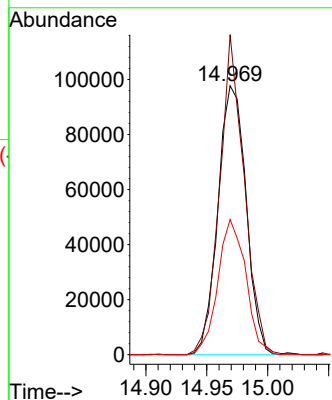
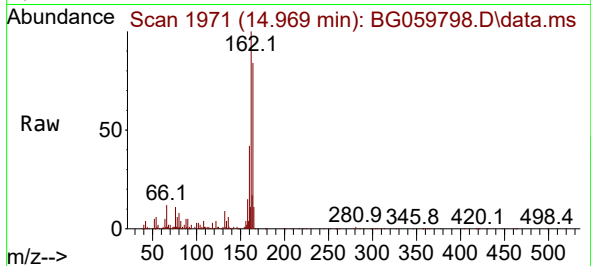




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.969 min Scan# 1971  
Delta R.T. -0.002 min  
Lab File: BG059798.D  
Acq: 21 Nov 2023 19:03

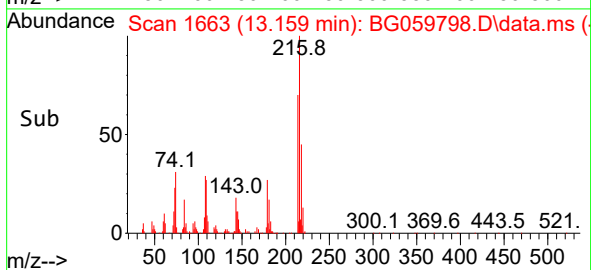
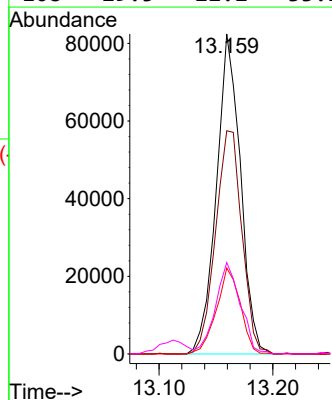
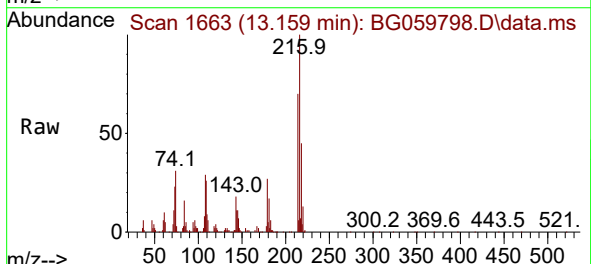
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

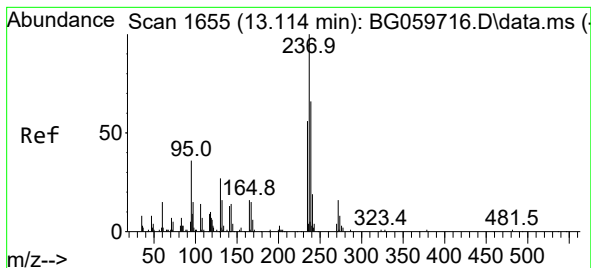
Tgt Ion:164 Resp: 157211  
Ion Ratio Lower Upper  
164 100  
162 119.0 73.3 109.9#  
160 50.2 34.1 51.1



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 28.548 ng  
RT: 13.159 min Scan# 1663  
Delta R.T. -0.002 min  
Lab File: BG059798.D  
Acq: 21 Nov 2023 19:03

Tgt Ion:216 Resp: 121206  
Ion Ratio Lower Upper  
216 100  
214 76.2 61.0 91.4  
179 26.7 20.2 30.2  
108 29.5 22.2 33.2





#41

Hexachlorocyclopentadiene

Concen: 28.919 ng

RT: 13.112 min Scan# 1

Delta R.T. -0.002 min

Lab File: BG059798.D

Acq: 21 Nov 2023 19:03

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

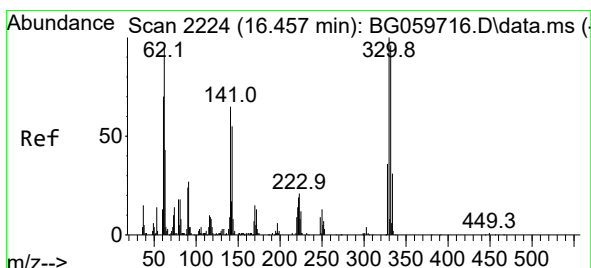
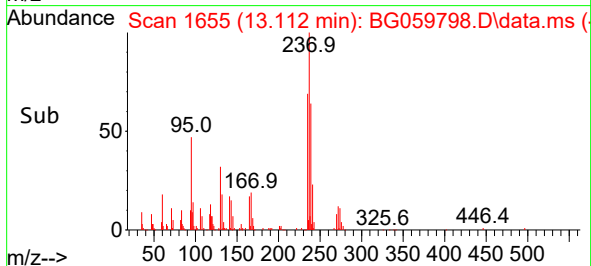
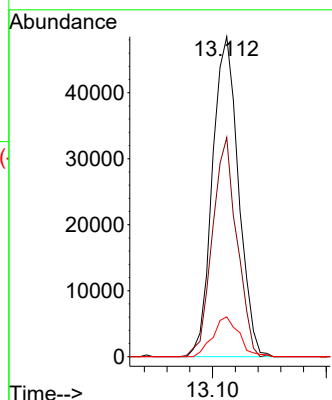
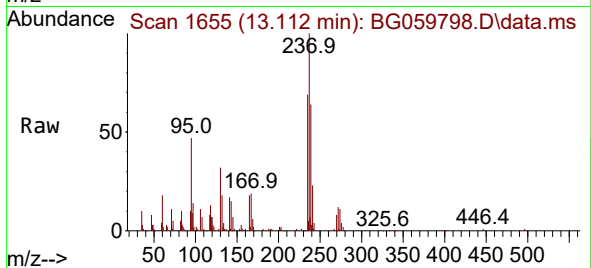
Tgt Ion:237 Resp: 77019

Ion Ratio Lower Upper

237 100

235 68.5 36.0 76.0

272 12.4 0.0 36.5



#42

2,4,6-Tribromophenol

Concen: 93.910 ng

RT: 16.461 min Scan# 2225

Delta R.T. 0.004 min

Lab File: BG059798.D

Acq: 21 Nov 2023 19:03

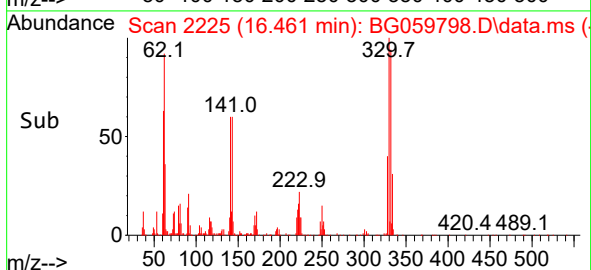
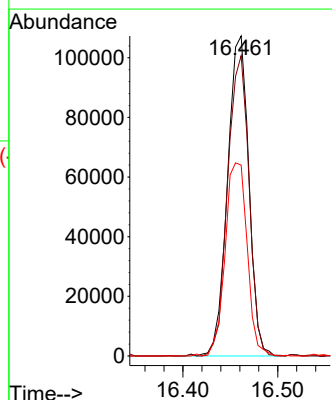
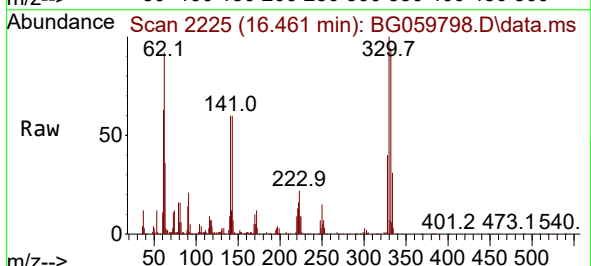
Tgt Ion:330 Resp: 167513

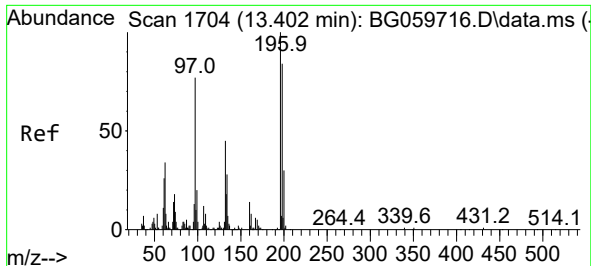
Ion Ratio Lower Upper

330 100

332 94.0 73.3 109.9

141 62.6 52.1 78.1

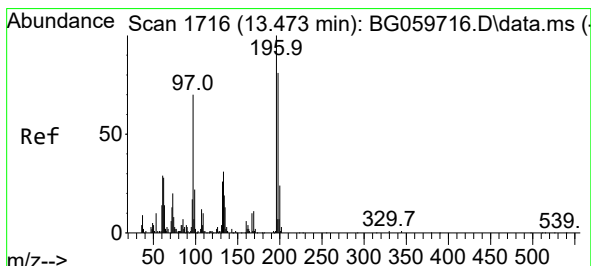
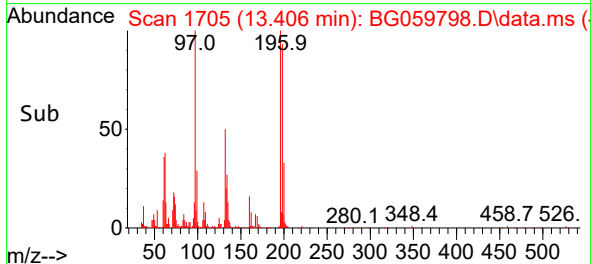
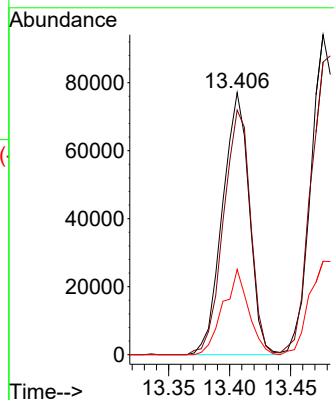
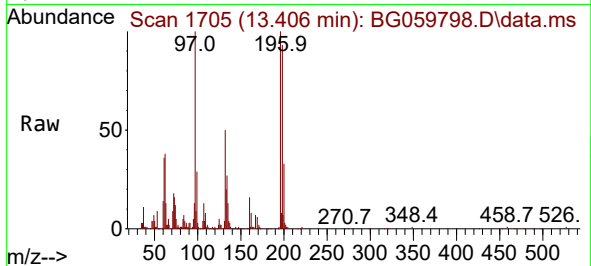




#43  
2,4,6-Trichlorophenol  
Concen: 39.925 ng  
RT: 13.406 min Scan# 11  
Delta R.T. 0.004 min  
Lab File: BG059798.D  
Acq: 21 Nov 2023 19:03

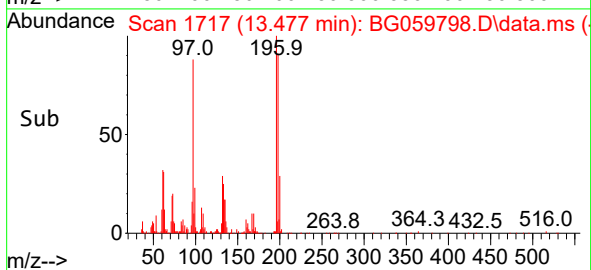
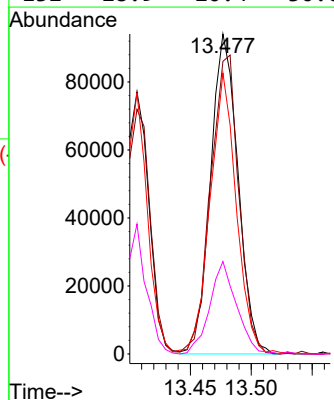
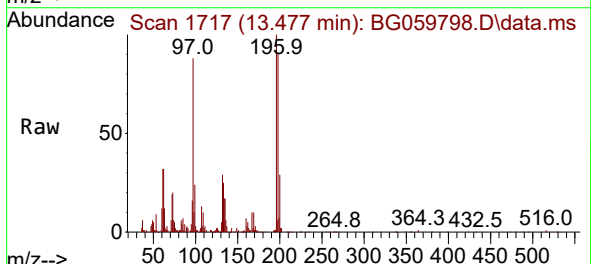
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

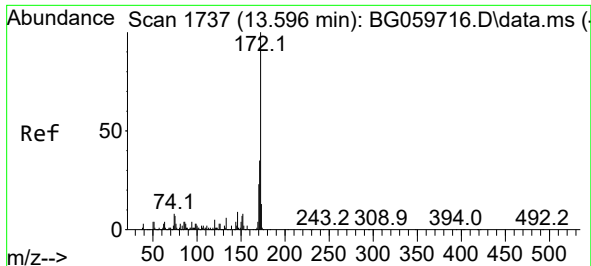
Tgt Ion:196 Resp: 117876  
Ion Ratio Lower Upper  
196 100  
198 93.4 67.6 101.4  
200 32.5 24.4 36.6



#44  
2,4,5-Trichlorophenol  
Concen: 42.491 ng  
RT: 13.477 min Scan# 1717  
Delta R.T. 0.004 min  
Lab File: BG059798.D  
Acq: 21 Nov 2023 19:03

Tgt Ion:196 Resp: 147406  
Ion Ratio Lower Upper  
196 100  
198 91.4 66.7 100.1  
97 87.8 55.9 83.9#  
132 28.9 20.4 30.6

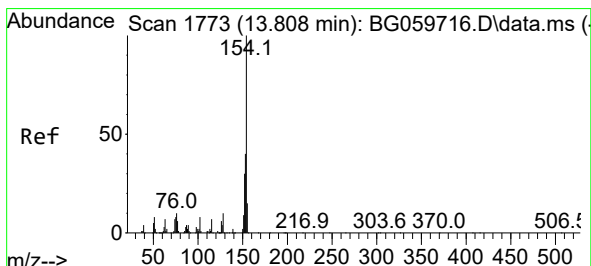
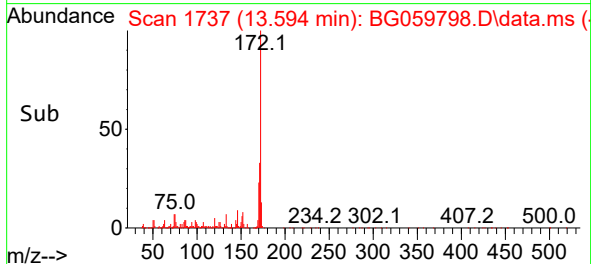
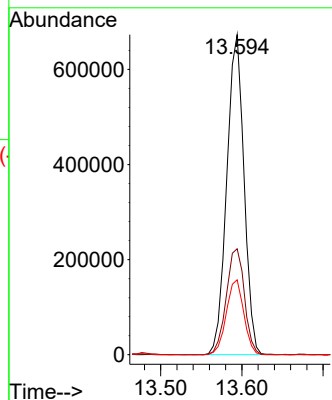
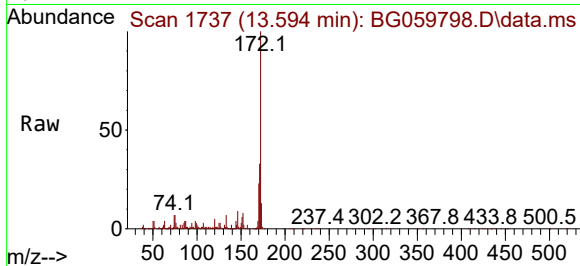




#45  
2-Fluorobiphenyl  
Concen: 84.995 ng  
RT: 13.594 min Scan# 1737  
Delta R.T. -0.002 min  
Lab File: BG059798.D  
Acq: 21 Nov 2023 19:03

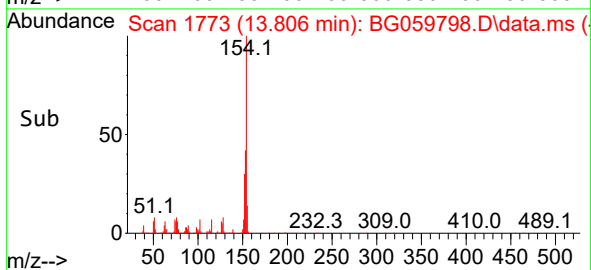
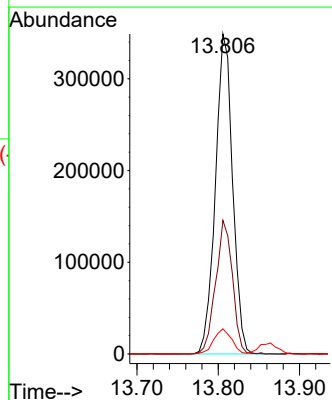
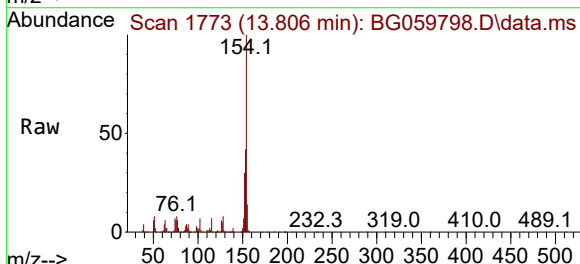
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

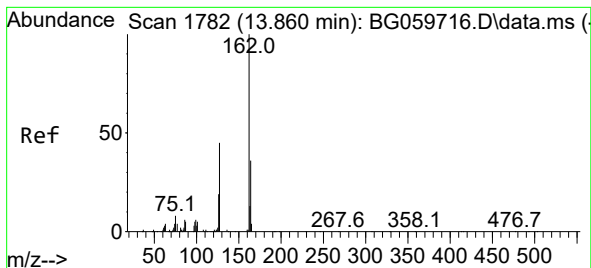
Tgt Ion:172 Resp: 992700  
Ion Ratio Lower Upper  
172 100  
171 33.1 27.7 41.5  
170 23.4 18.4 27.6



#46  
1,1'-Biphenyl  
Concen: 41.645 ng  
RT: 13.806 min Scan# 1773  
Delta R.T. -0.002 min  
Lab File: BG059798.D  
Acq: 21 Nov 2023 19:03

Tgt Ion:154 Resp: 513891  
Ion Ratio Lower Upper  
154 100  
153 41.7 19.7 59.7  
76 7.9 0.0 30.4

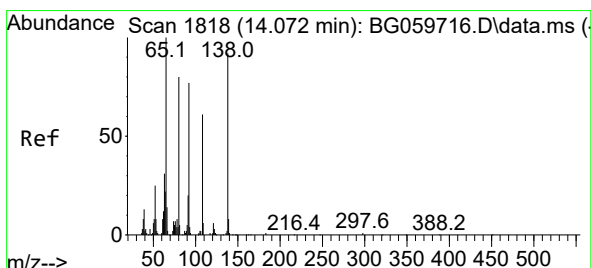
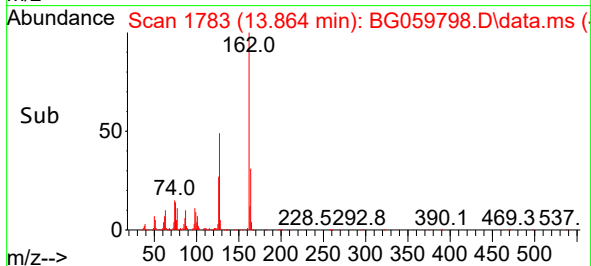
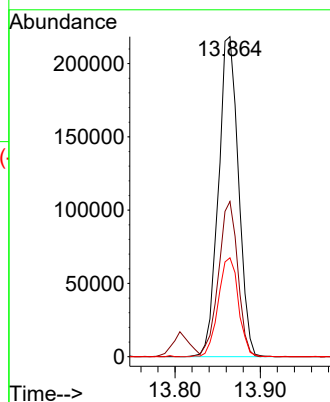
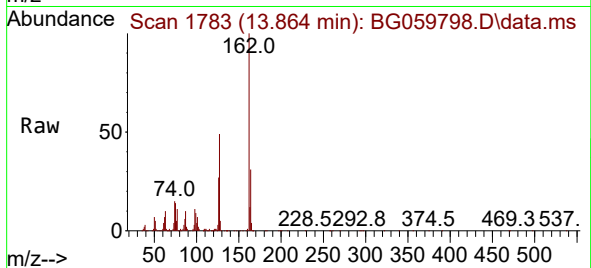




#47  
2-Chloronaphthalene  
Concen: 42.101 ng  
RT: 13.864 min Scan# 1  
Delta R.T. 0.004 min  
Lab File: BG059798.D  
Acq: 21 Nov 2023 19:03

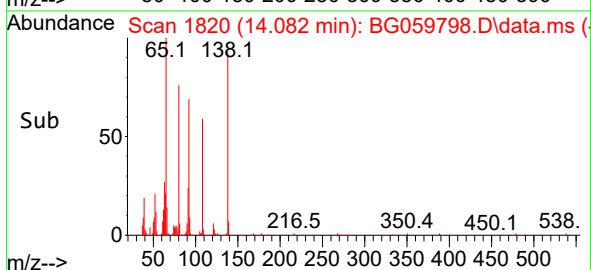
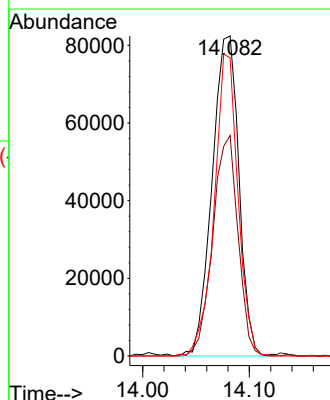
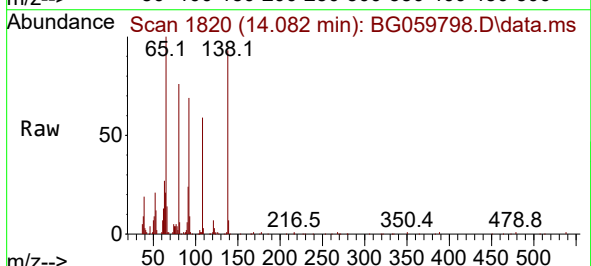
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

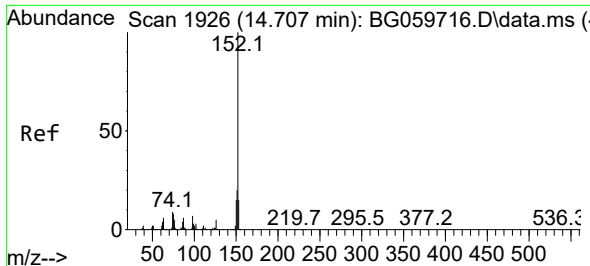
Tgt Ion:162 Resp: 356968  
Ion Ratio Lower Upper  
162 100  
127 48.5 41.0 61.6  
164 30.9 28.9 43.3



#48  
2-Nitroaniline  
Concen: 47.301 ng  
RT: 14.082 min Scan# 1820  
Delta R.T. 0.010 min  
Lab File: BG059798.D  
Acq: 21 Nov 2023 19:03

Tgt Ion: 65 Resp: 143191  
Ion Ratio Lower Upper  
65 100  
92 68.9 61.2 91.8  
138 93.1 73.8 110.6

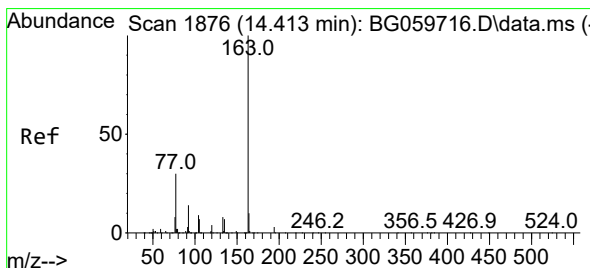
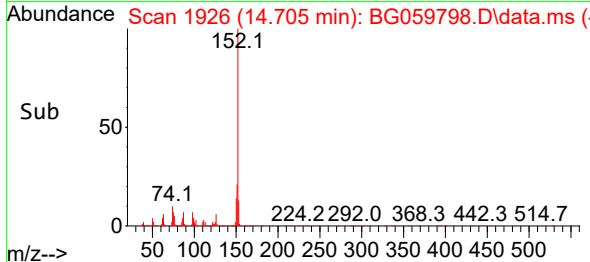
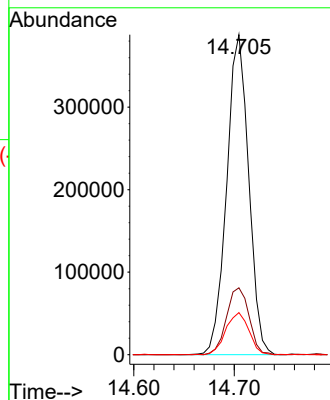
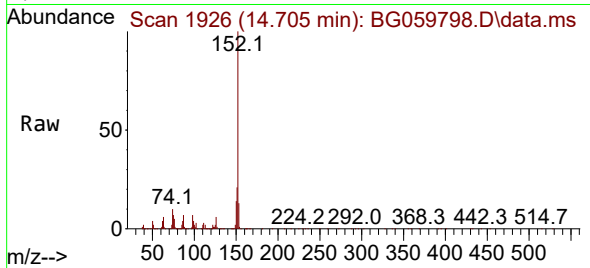




#49  
Acenaphthylene  
Concen: 40.823 ng  
RT: 14.705 min Scan# 1926  
Delta R.T. -0.002 min  
Lab File: BG059798.D  
Acq: 21 Nov 2023 19:03

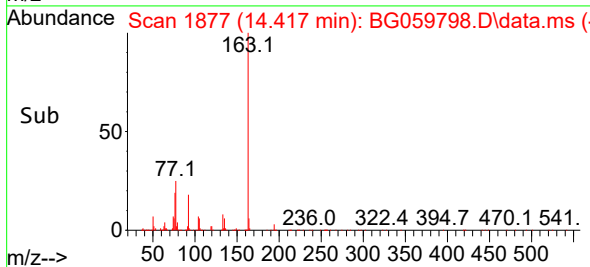
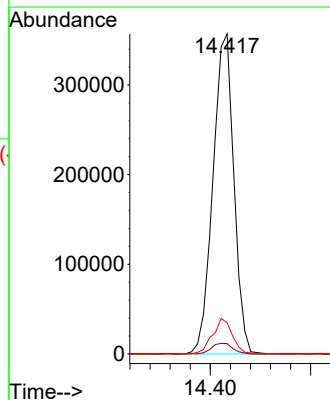
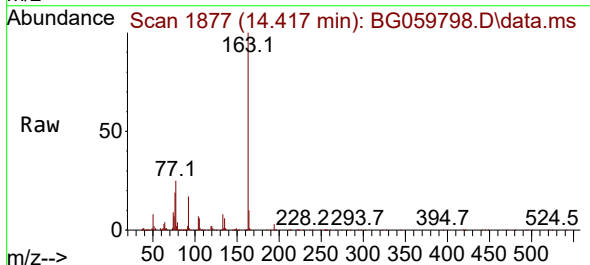
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

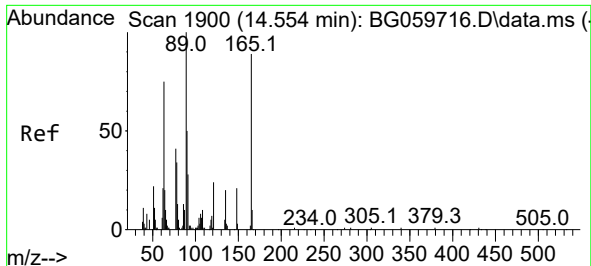
Tgt Ion:152 Resp: 590188  
Ion Ratio Lower Upper  
152 100  
151 20.9 15.8 23.8  
153 13.1 12.2 18.4



#50  
Dimethylphthalate  
Concen: 42.449 ng  
RT: 14.417 min Scan# 1877  
Delta R.T. 0.004 min  
Lab File: BG059798.D  
Acq: 21 Nov 2023 19:03

Tgt Ion:163 Resp: 517152  
Ion Ratio Lower Upper  
163 100  
194 3.3 2.8 4.2  
164 9.7 8.2 12.2

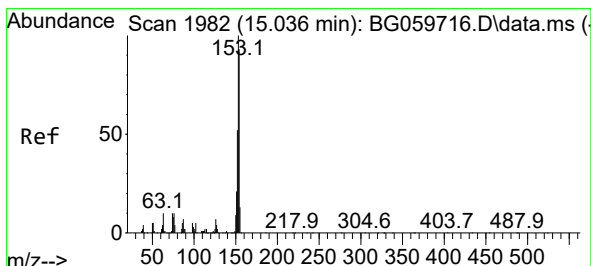
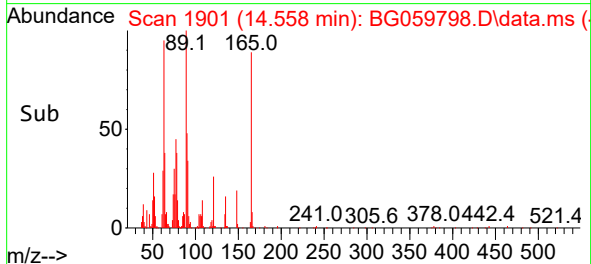
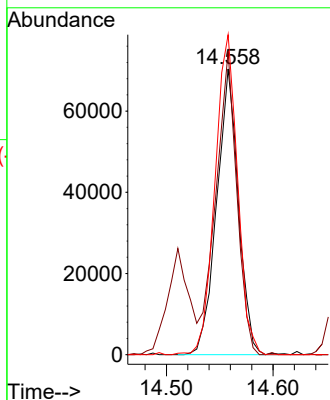
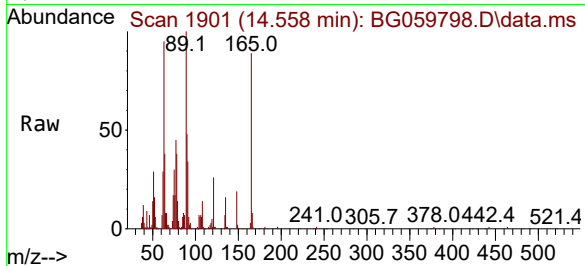




#51  
2,6-Dinitrotoluene  
Concen: 42.946 ng  
RT: 14.558 min Scan# 1900  
Delta R.T. 0.004 min  
Lab File: BG059798.D  
Acq: 21 Nov 2023 19:03

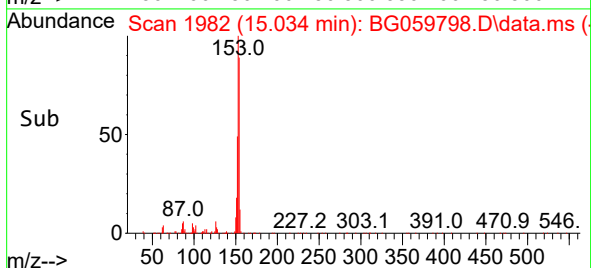
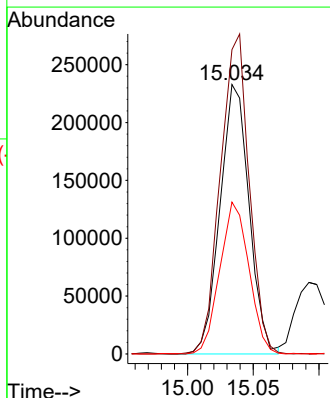
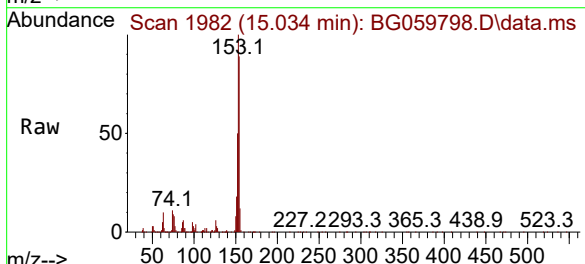
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

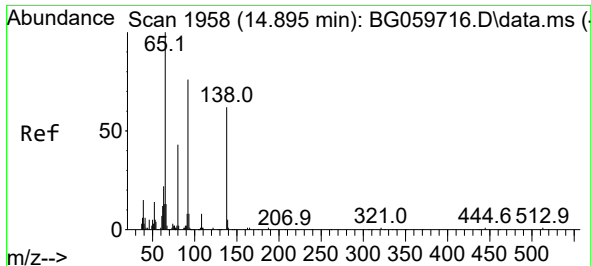
Tgt Ion:165 Resp: 99257  
Ion Ratio Lower Upper  
165 100  
63 106.2 75.3 112.9  
89 112.0 90.9 136.3



#52  
Acenaphthene  
Concen: 41.282 ng  
RT: 15.034 min Scan# 1982  
Delta R.T. -0.002 min  
Lab File: BG059798.D  
Acq: 21 Nov 2023 19:03

Tgt Ion:154 Resp: 358936  
Ion Ratio Lower Upper  
154 100  
153 112.9 85.8 128.8  
152 56.4 44.4 66.6

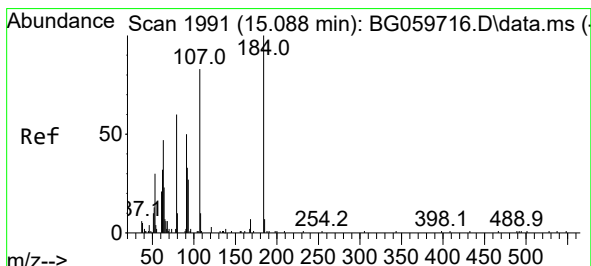
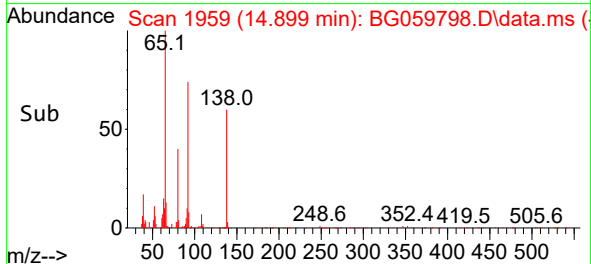
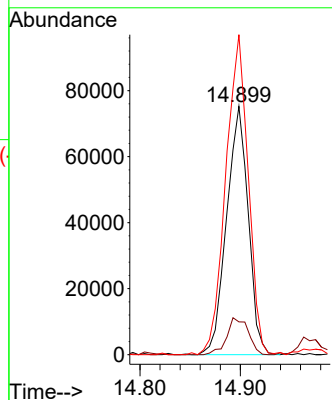
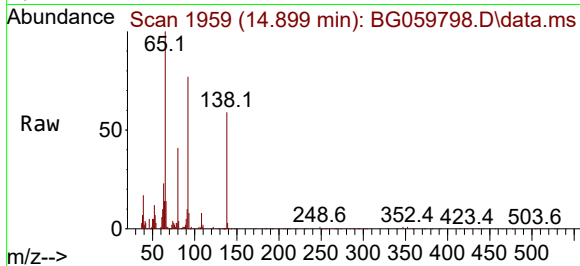




#53  
3-Nitroaniline  
Concen: 41.567 ng  
RT: 14.899 min Scan# 1958  
Delta R.T. 0.004 min  
Lab File: BG059798.D  
Acq: 21 Nov 2023 19:03

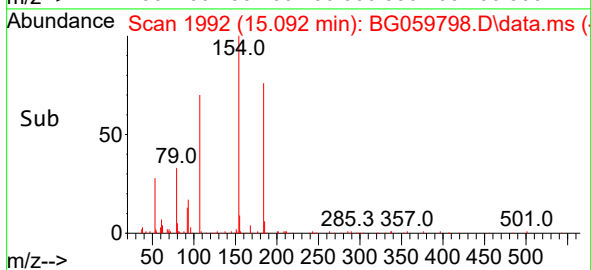
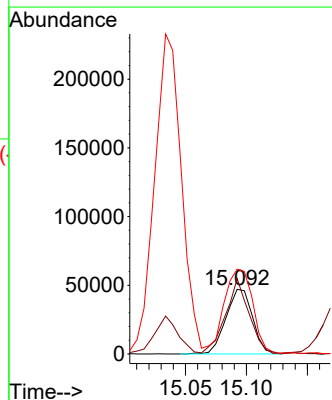
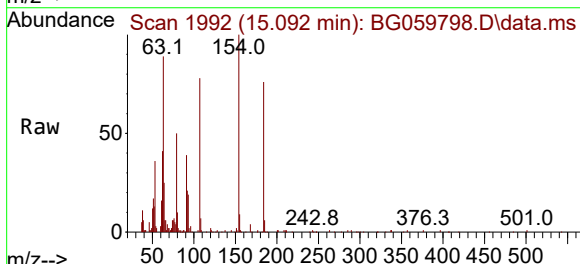
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

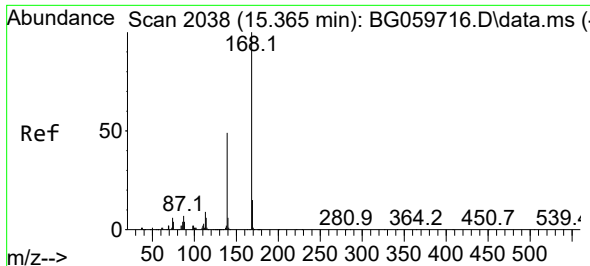
Tgt Ion:138 Resp: 112450  
Ion Ratio Lower Upper  
138 100  
108 13.2 9.9 14.9  
92 128.9 98.3 147.5



#54  
2,4-Dinitrophenol  
Concen: 41.576 ng  
RT: 15.092 min Scan# 1992  
Delta R.T. 0.004 min  
Lab File: BG059798.D  
Acq: 21 Nov 2023 19:03

Tgt Ion:184 Resp: 71404  
Ion Ratio Lower Upper  
184 100  
63 116.7 58.3 87.5#  
154 131.3 94.1 141.1

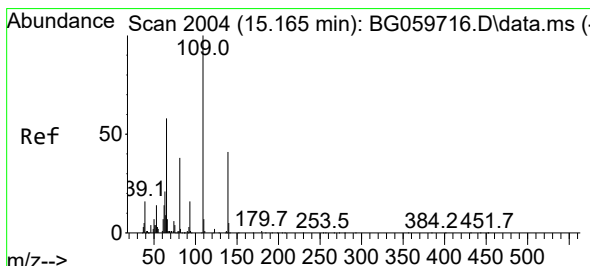
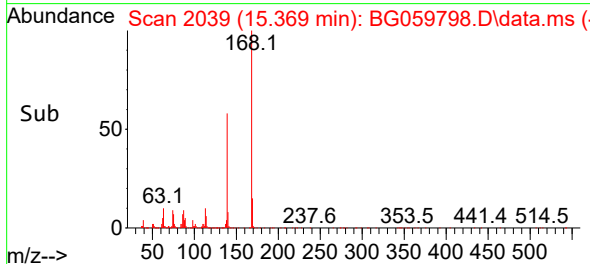
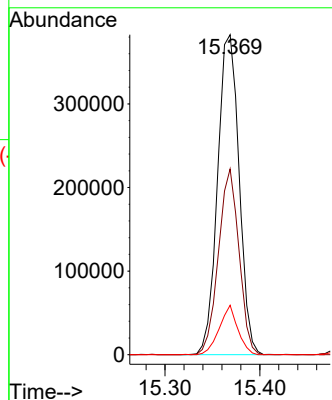
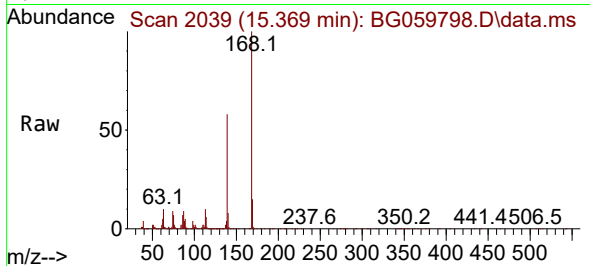




#55  
Dibenzofuran  
Concen: 42.115 ng  
RT: 15.369 min Scan# 2038  
Delta R.T. 0.004 min  
Lab File: BG059798.D  
Acq: 21 Nov 2023 19:03

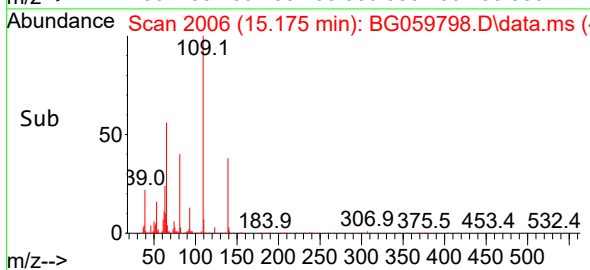
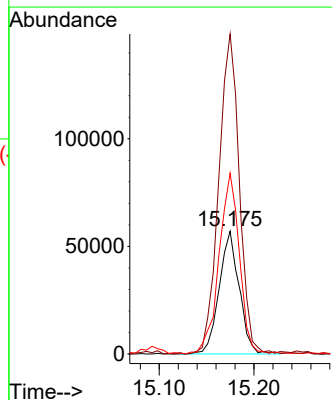
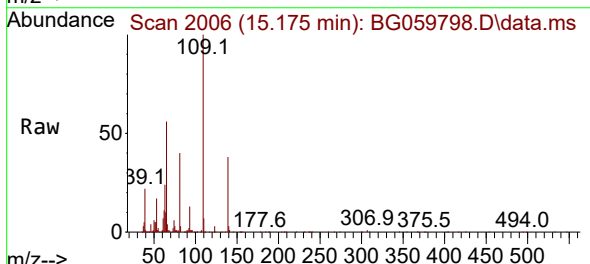
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

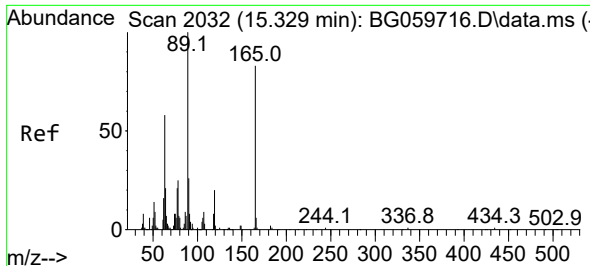
Tgt Ion:168 Resp: 603732  
Ion Ratio Lower Upper  
168 100  
139 58.1 38.9 58.3  
169 15.5 11.8 17.8



#56  
4-Nitrophenol  
Concen: 40.540 ng  
RT: 15.175 min Scan# 2006  
Delta R.T. 0.010 min  
Lab File: BG059798.D  
Acq: 21 Nov 2023 19:03

Tgt Ion:139 Resp: 83908  
Ion Ratio Lower Upper  
139 100  
109 260.8 223.4 263.4  
65 147.3 120.6 160.6





#57

2,4-Dinitrotoluene

Concen: 42.962 ng

RT: 15.339 min Scan# 2032

Delta R.T. 0.010 min

Lab File: BG059798.D

Acq: 21 Nov 2023 19:03

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

Tgt Ion:165 Resp: 152699

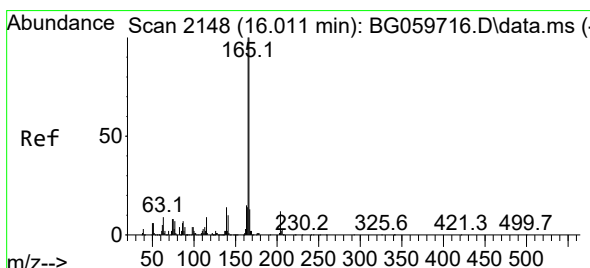
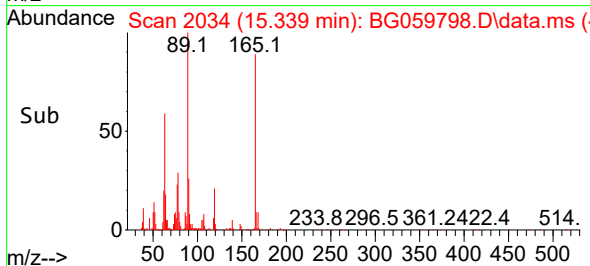
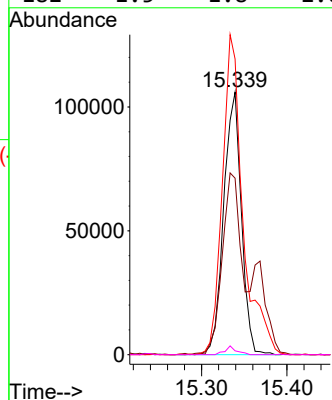
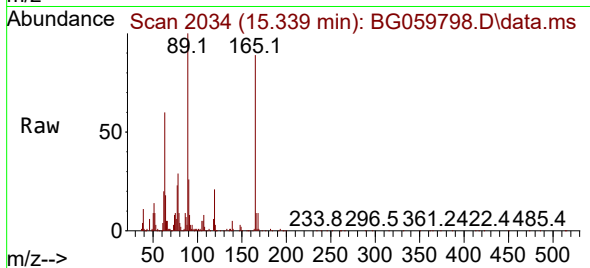
Ion Ratio Lower Upper

165 100

63 67.2 55.8 83.8

89 112.6 96.9 145.3

182 1.5 1.8 2.6#



#58

Fluorene

Concen: 41.674 ng

RT: 16.015 min Scan# 2149

Delta R.T. 0.004 min

Lab File: BG059798.D

Acq: 21 Nov 2023 19:03

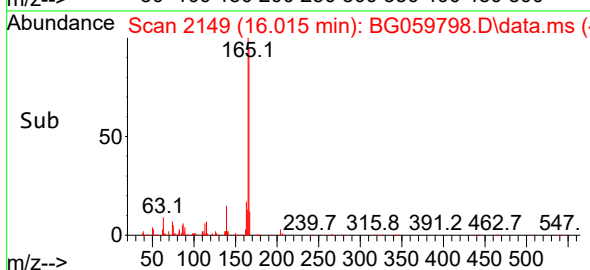
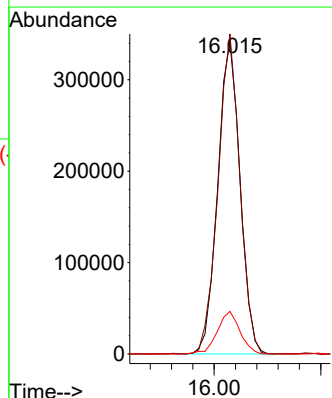
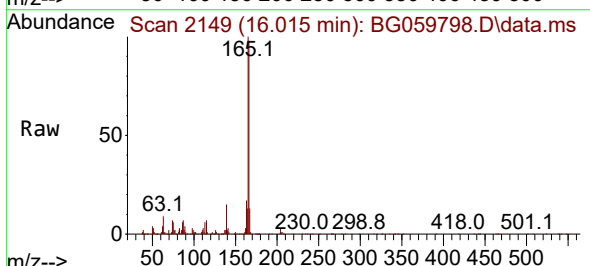
Tgt Ion:166 Resp: 496335

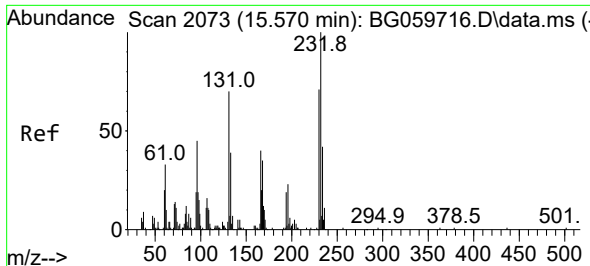
Ion Ratio Lower Upper

166 100

165 102.4 79.9 119.9

167 13.6 10.1 15.1

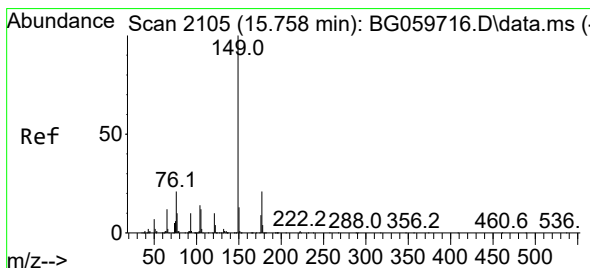
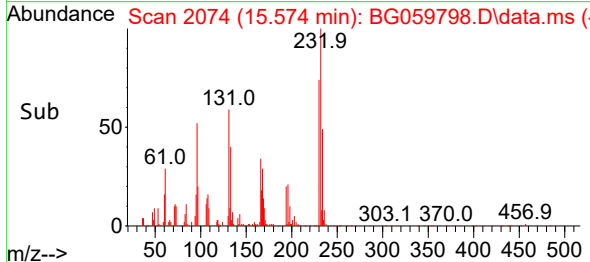
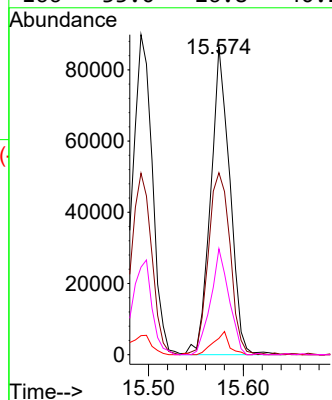
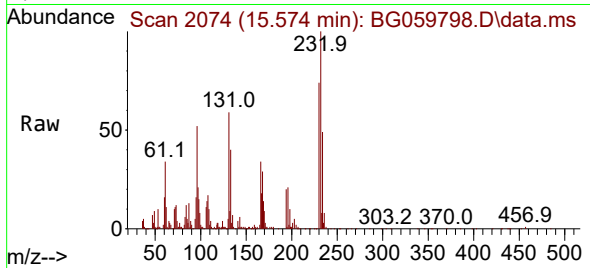




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 39.880 ng  
RT: 15.574 min Scan# 2073  
Delta R.T. 0.004 min  
Lab File: BG059798.D  
Acq: 21 Nov 2023 19:03

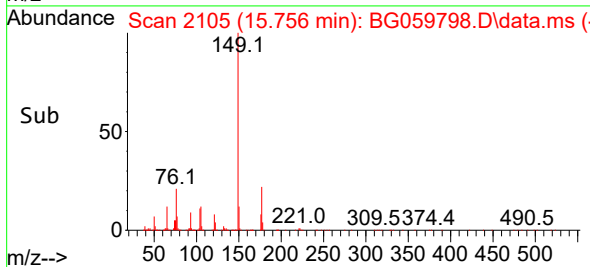
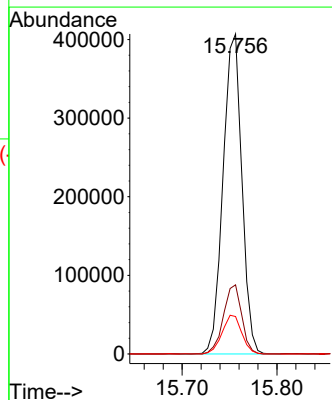
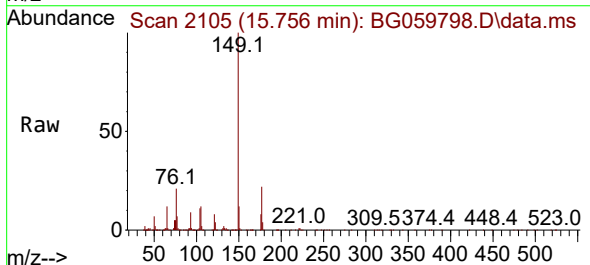
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

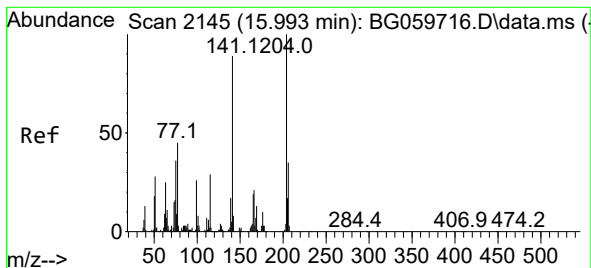
Tgt Ion:232 Resp: 121614  
Ion Ratio Lower Upper  
232 100  
131 66.7 50.2 75.2  
130 6.1 4.3 6.5  
166 33.0 26.8 40.2



#60  
Diethylphthalate  
Concen: 42.959 ng  
RT: 15.756 min Scan# 2105  
Delta R.T. -0.002 min  
Lab File: BG059798.D  
Acq: 21 Nov 2023 19:03

Tgt Ion:149 Resp: 561317  
Ion Ratio Lower Upper  
149 100  
177 21.6 16.6 24.8  
150 11.7 10.7 16.1

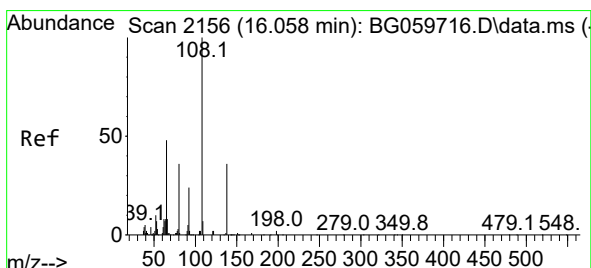
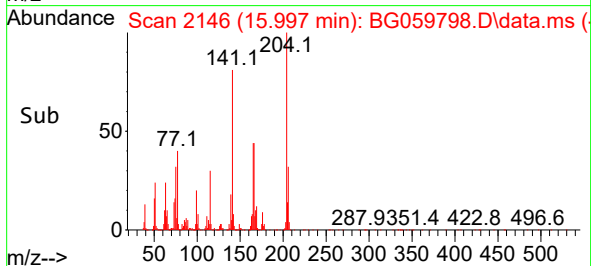
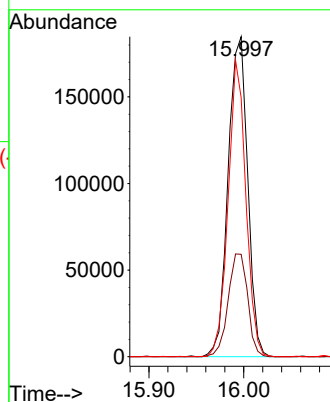
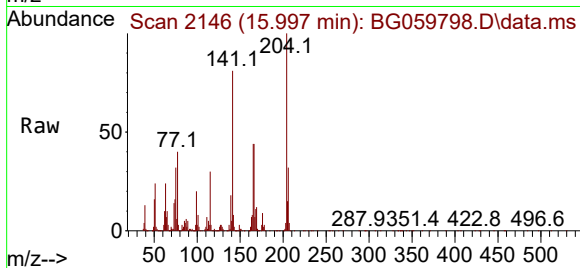




#61  
4-Chlorophenyl-phenylether  
Concen: 43.227 ng  
RT: 15.997 min Scan# 2145  
Delta R.T. 0.004 min  
Lab File: BG059798.D  
Acq: 21 Nov 2023 19:03

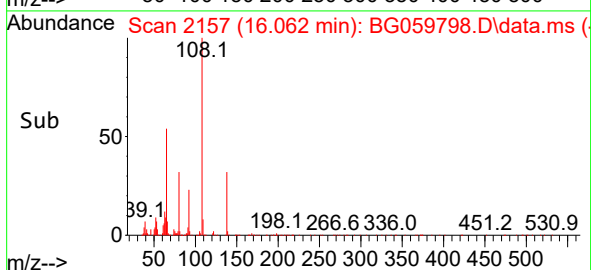
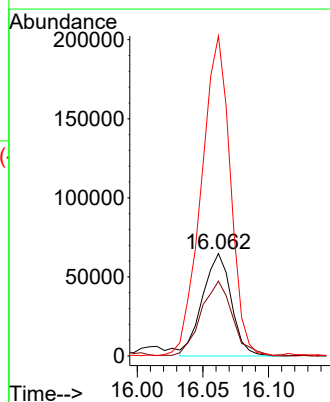
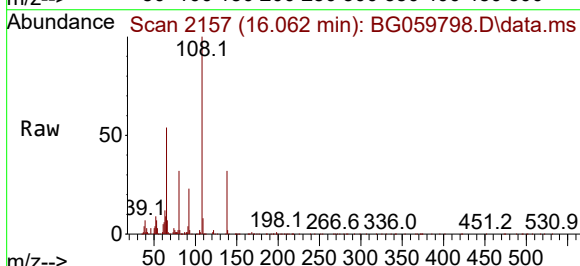
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

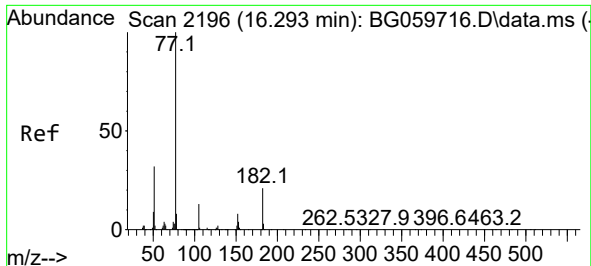
Tgt Ion:204 Resp: 264986  
Ion Ratio Lower Upper  
204 100  
206 32.0 28.1 42.1  
141 80.9 70.9 106.3



#62  
4-Nitroaniline  
Concen: 36.434 ng  
RT: 16.062 min Scan# 2157  
Delta R.T. 0.004 min  
Lab File: BG059798.D  
Acq: 21 Nov 2023 19:03

Tgt Ion:138 Resp: 98784  
Ion Ratio Lower Upper  
138 100  
92 72.9 45.8 85.8  
108 312.3 256.3 296.3#

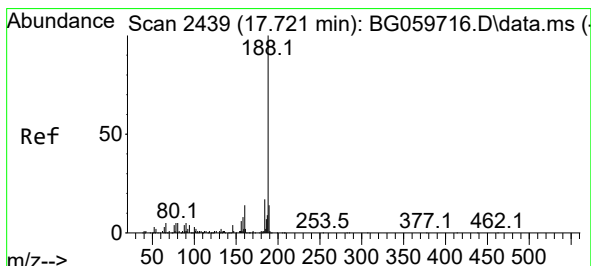
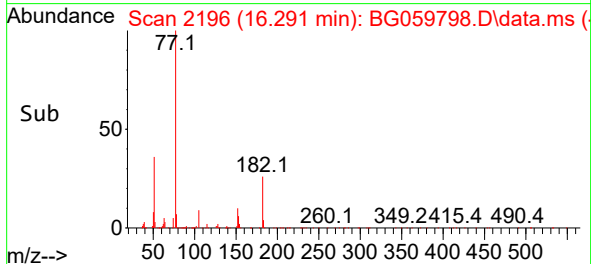
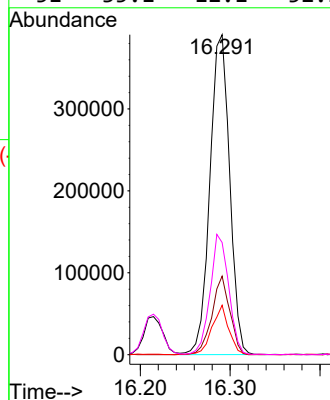
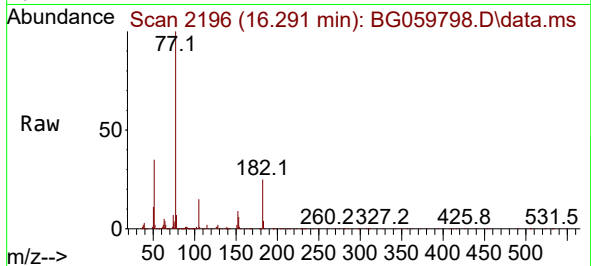




#63  
Azobenzene  
Concen: 41.003 ng  
RT: 16.291 min Scan# 2196  
Delta R.T. -0.002 min  
Lab File: BG059798.D  
Acq: 21 Nov 2023 19:03

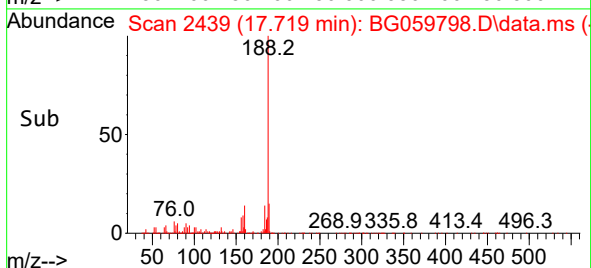
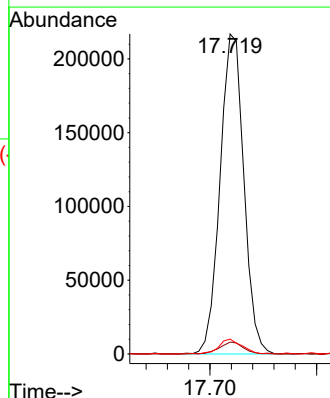
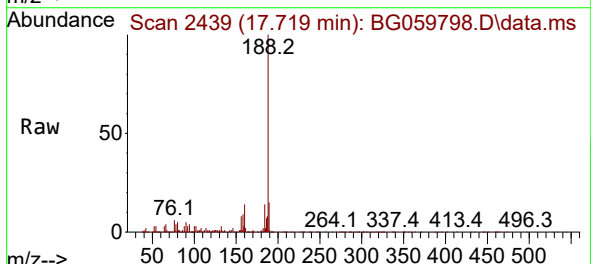
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

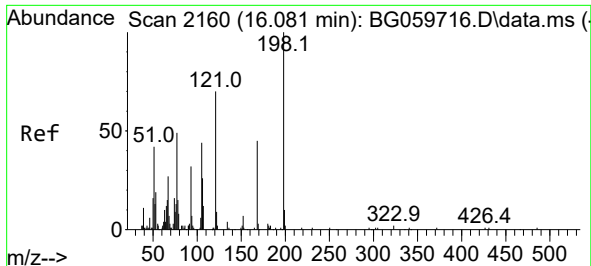
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 77    | Resp: | 595370 |
| Ion      | Ratio | Lower | Upper  |
| 77       | 100   |       |        |
| 182      | 24.6  | 1.1   | 41.1   |
| 105      | 15.4  | 0.0   | 33.0   |
| 51       | 35.1  | 12.1  | 52.1   |



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.719 min Scan# 2439  
Delta R.T. -0.002 min  
Lab File: BG059798.D  
Acq: 21 Nov 2023 19:03

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 188   | Resp: | 335376 |
| Ion      | Ratio | Lower | Upper  |
| 188      | 100   |       |        |
| 94       | 3.7   | 3.0   | 4.4    |
| 80       | 4.7   | 4.2   | 6.4    |

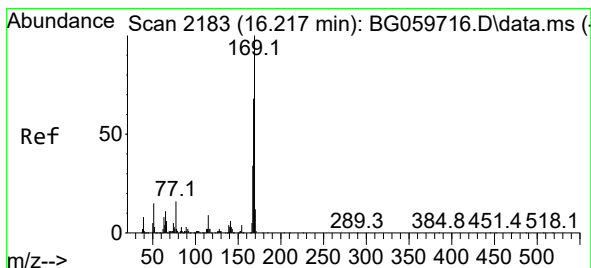
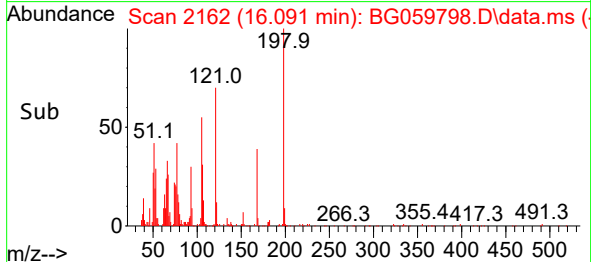
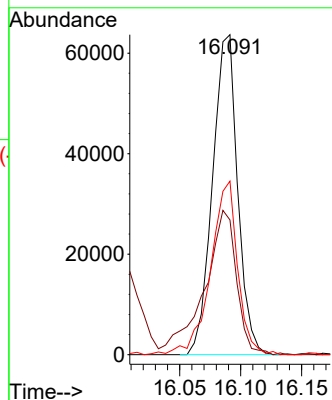
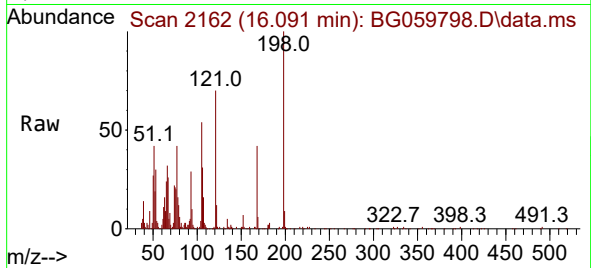




#65  
4,6-Dinitro-2-methylphenol  
Concen: 44.513 ng  
RT: 16.091 min Scan# 2160  
Delta R.T. 0.010 min  
Lab File: BG059798.D  
Acq: 21 Nov 2023 19:03

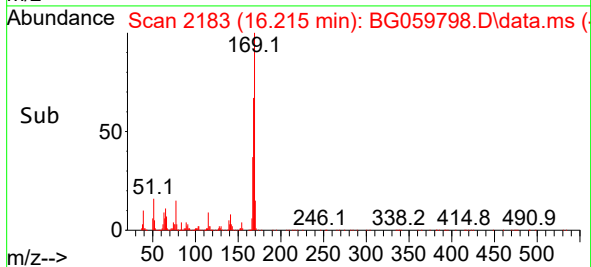
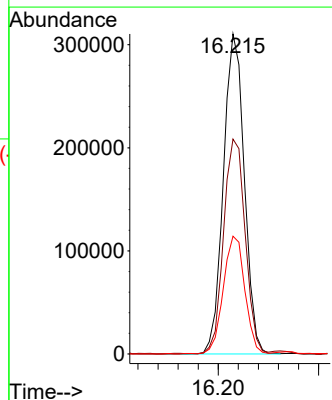
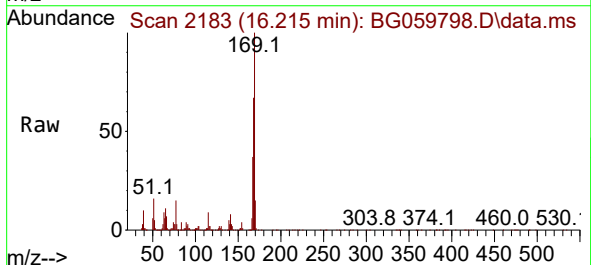
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

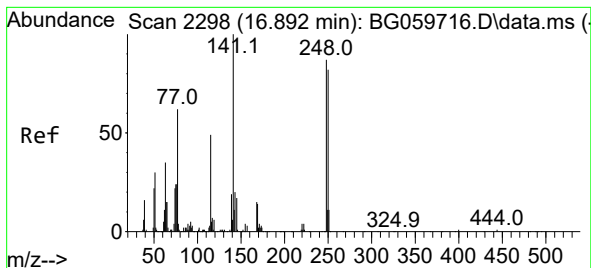
Tgt Ion:198 Resp: 91232  
Ion Ratio Lower Upper  
198 100  
51 42.1 23.0 63.0  
105 54.2 24.0 64.0



#66  
n-Nitrosodiphenylamine  
Concen: 45.808 ng  
RT: 16.215 min Scan# 2183  
Delta R.T. -0.002 min  
Lab File: BG059798.D  
Acq: 21 Nov 2023 19:03

Tgt Ion:169 Resp: 448782  
Ion Ratio Lower Upper  
169 100  
168 67.1 54.5 81.7  
167 36.8 27.8 41.6

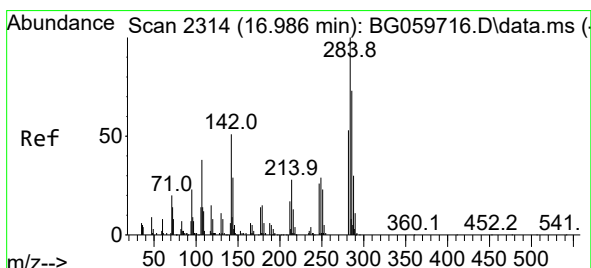
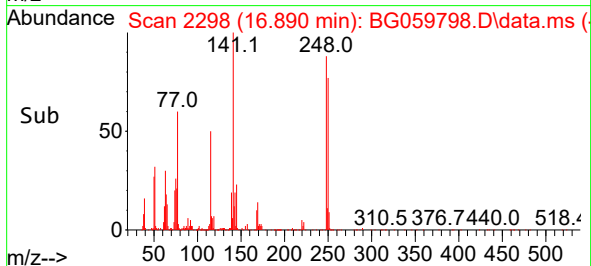
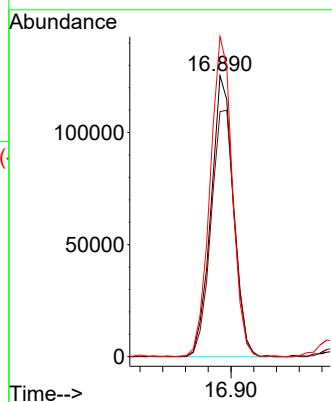
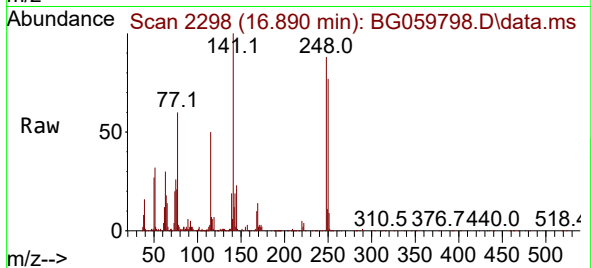




#67  
4-Bromophenyl-phenylether  
Concen: 47.362 ng  
RT: 16.890 min Scan# 21  
Delta R.T. -0.002 min  
Lab File: BG059798.D  
Acq: 21 Nov 2023 19:03

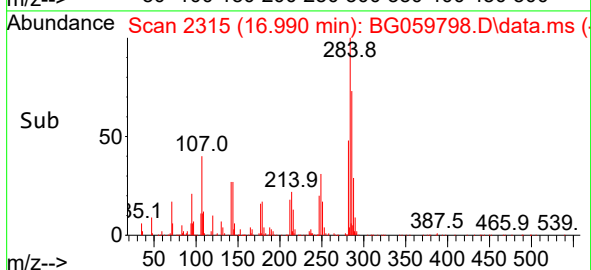
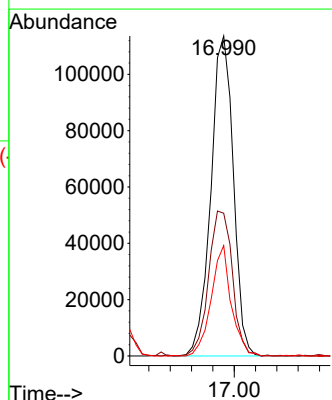
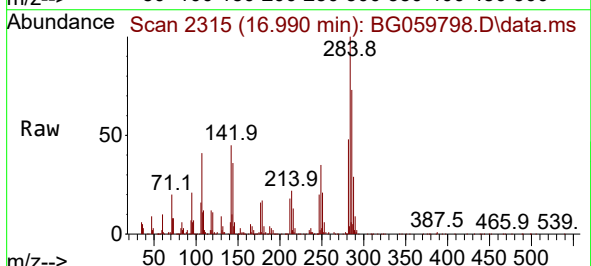
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

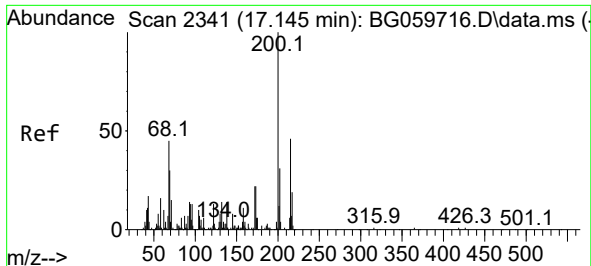
Tgt Ion:248 Resp: 170643  
Ion Ratio Lower Upper  
248 100  
250 87.3 75.2 112.8  
141 113.9 91.5 137.3



#68  
Hexachlorobenzene  
Concen: 49.375 ng  
RT: 16.990 min Scan# 2315  
Delta R.T. 0.004 min  
Lab File: BG059798.D  
Acq: 21 Nov 2023 19:03

Tgt Ion:284 Resp: 166036  
Ion Ratio Lower Upper  
284 100  
142 44.6 41.0 61.6  
249 34.5 24.2 36.4

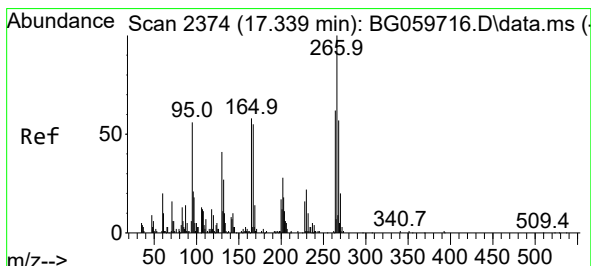
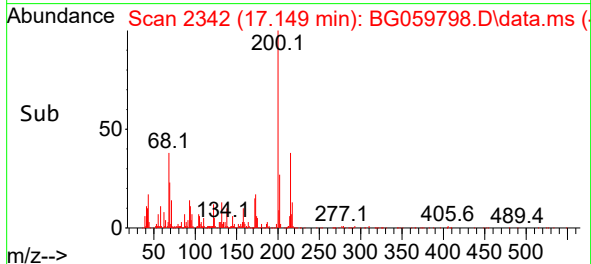
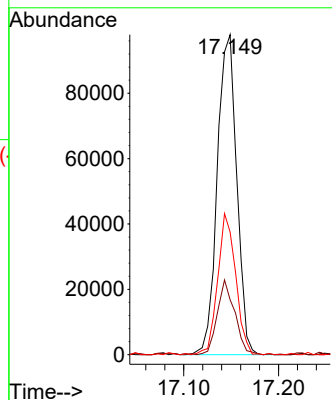
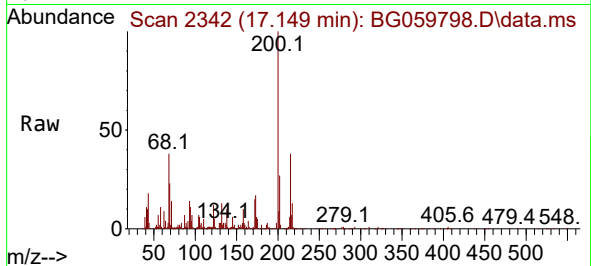




#69  
Atrazine  
Concen: 44.561 ng  
RT: 17.149 min Scan# 21  
Delta R.T. 0.004 min  
Lab File: BG059798.D  
Acq: 21 Nov 2023 19:03

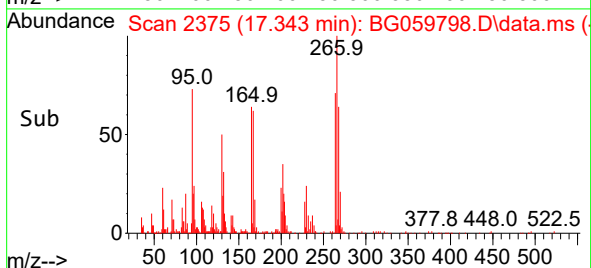
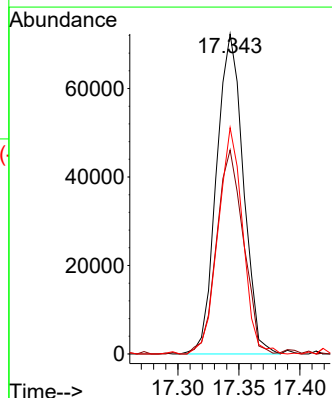
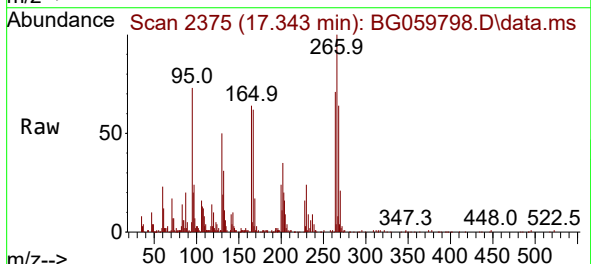
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

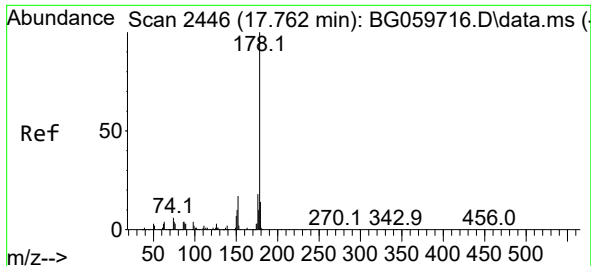
Tgt Ion:200 Resp: 139969  
Ion Ratio Lower Upper  
200 100  
173 17.2 2.3 42.3  
215 38.3 25.6 65.6



#70  
Pentachlorophenol  
Concen: 43.122 ng  
RT: 17.343 min Scan# 2375  
Delta R.T. 0.004 min  
Lab File: BG059798.D  
Acq: 21 Nov 2023 19:03

Tgt Ion:266 Resp: 110631  
Ion Ratio Lower Upper  
266 100  
268 63.7 45.7 68.5  
264 70.7 49.8 74.8

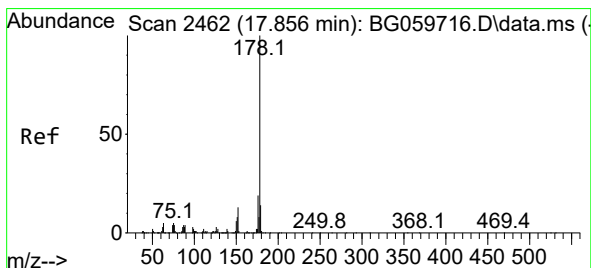
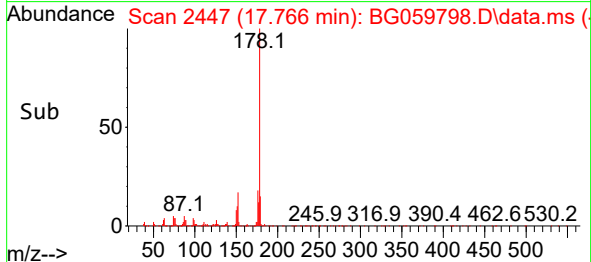
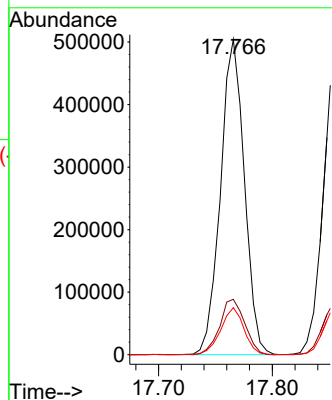
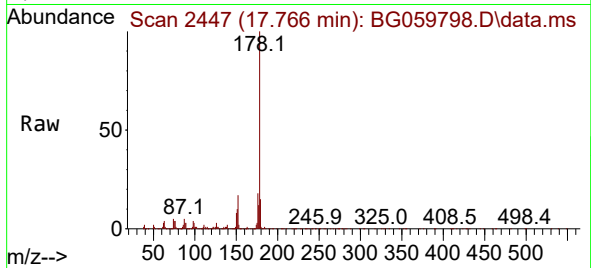




#71  
Phenanthrene  
Concen: 43.127 ng  
RT: 17.766 min Scan# 2446  
Delta R.T. 0.004 min  
Lab File: BG059798.D  
Acq: 21 Nov 2023 19:03

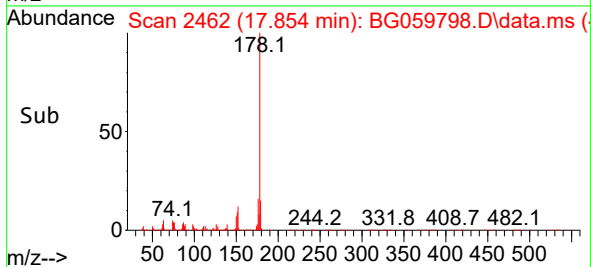
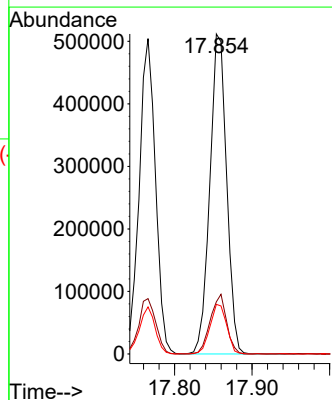
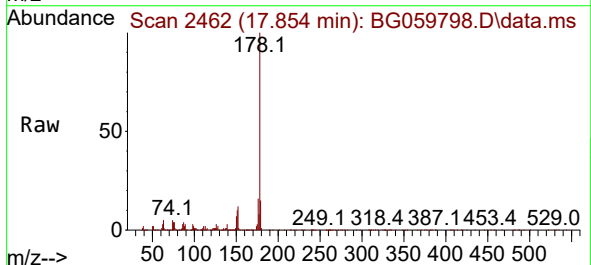
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

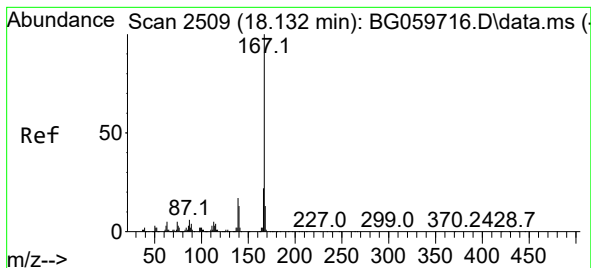
Tgt Ion:178 Resp: 735362  
Ion Ratio Lower Upper  
178 100  
176 17.6 14.5 21.7  
179 14.9 11.2 16.8



#72  
Anthracene  
Concen: 43.514 ng  
RT: 17.854 min Scan# 2462  
Delta R.T. -0.002 min  
Lab File: BG059798.D  
Acq: 21 Nov 2023 19:03

Tgt Ion:178 Resp: 770915  
Ion Ratio Lower Upper  
178 100  
176 16.3 15.0 22.4  
179 15.5 11.5 17.3





#73

Carbazole

Concen: 41.254 ng

RT: 18.130 min Scan# 2

Delta R.T. -0.002 min

Lab File: BG059798.D

Acq: 21 Nov 2023 19:03

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

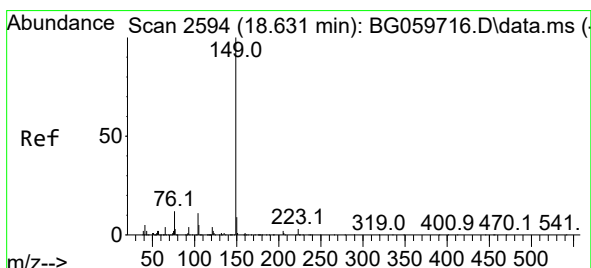
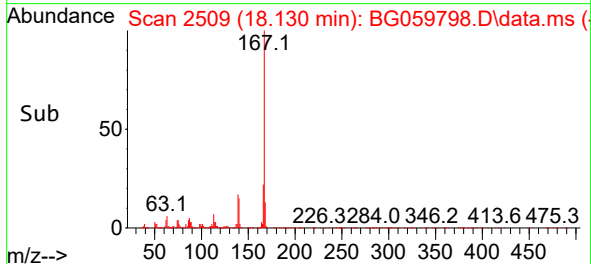
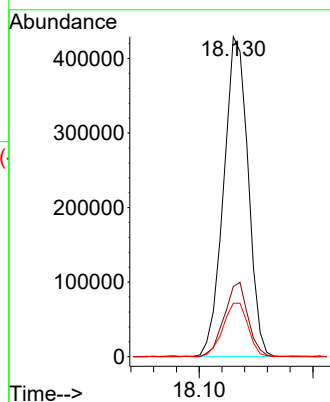
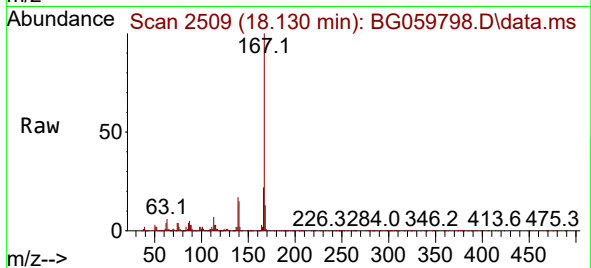
Tgt Ion:167 Resp: 638510

Ion Ratio Lower Upper

167 100

166 22.0 17.4 26.0

139 16.7 13.2 19.8



#74

Di-n-butylphthalate

Concen: 41.064 ng

RT: 18.629 min Scan# 2594

Delta R.T. -0.002 min

Lab File: BG059798.D

Acq: 21 Nov 2023 19:03

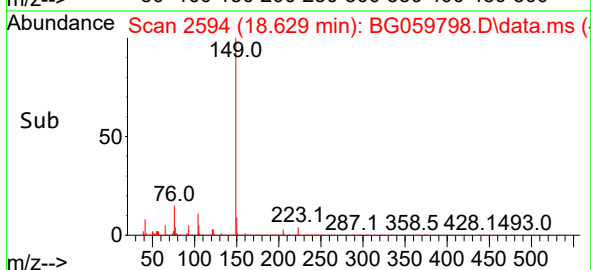
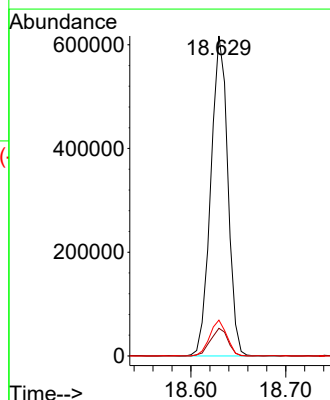
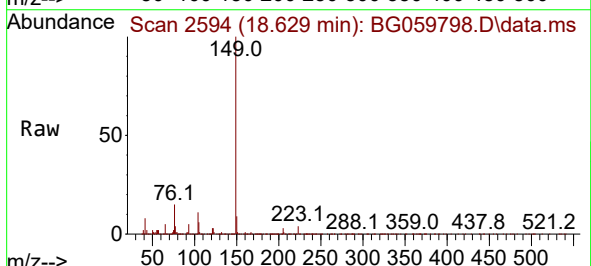
Tgt Ion:149 Resp: 768242

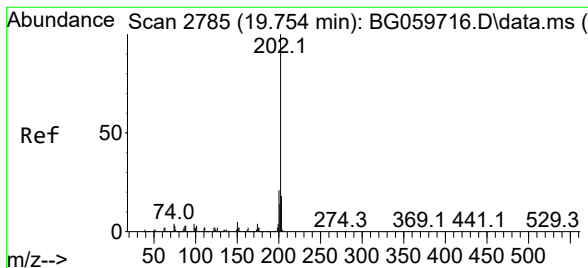
Ion Ratio Lower Upper

149 100

150 8.6 7.5 11.3

104 11.2 8.6 12.8





#75

Fluoranthene

Concen: 34.796 ng

RT: 19.758 min Scan# 21

Delta R.T. 0.004 min

Lab File: BG059798.D

Acq: 21 Nov 2023 19:03

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

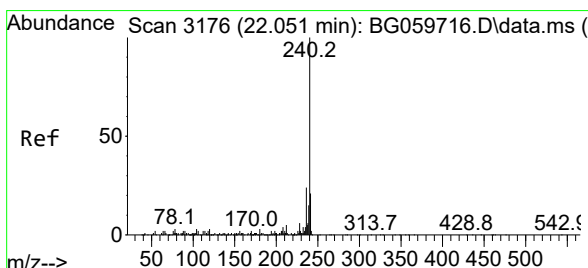
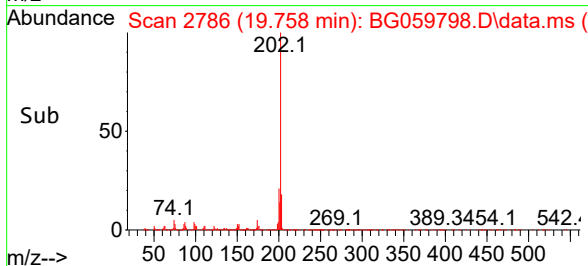
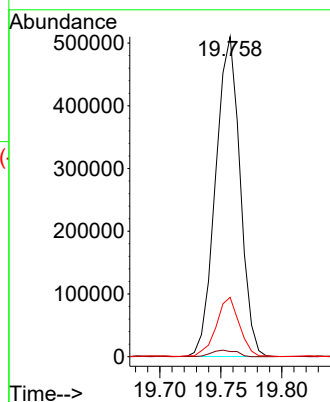
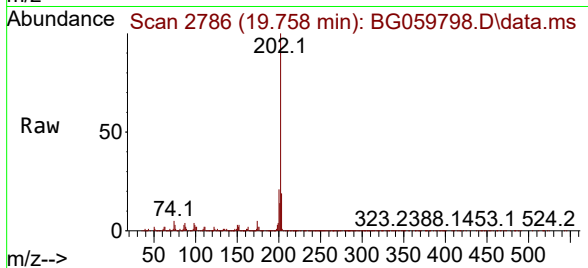
Tgt Ion:202 Resp: 711524

Ion Ratio Lower Upper

202 100

101 1.6 0.0 22.7

203 18.5 0.0 38.2



#76

Chrysene-d12

Concen: 20.000 ng

RT: 22.055 min Scan# 3177

Delta R.T. 0.004 min

Lab File: BG059798.D

Acq: 21 Nov 2023 19:03

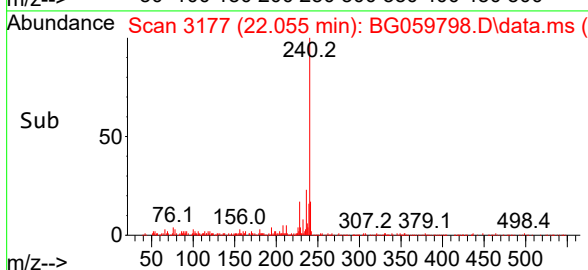
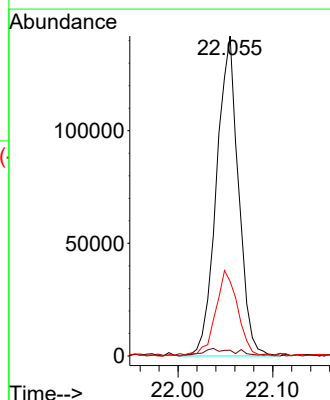
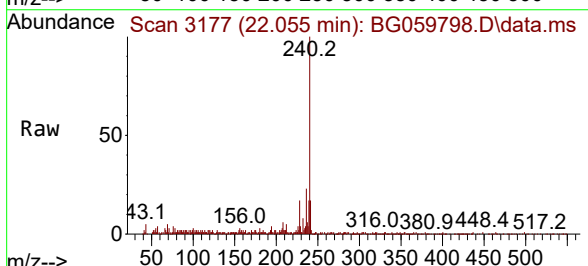
Tgt Ion:240 Resp: 228186

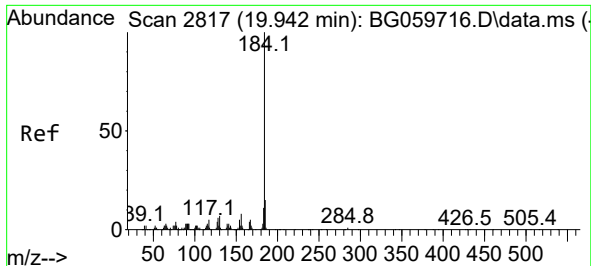
Ion Ratio Lower Upper

240 100

120 1.8 2.2 3.2#

236 23.3 19.4 29.2

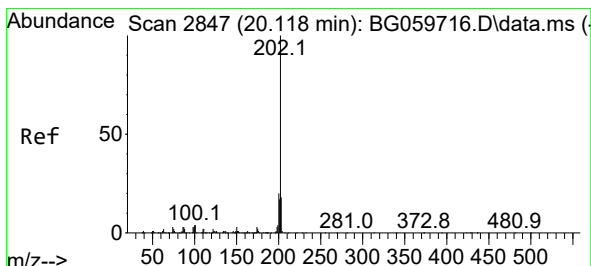
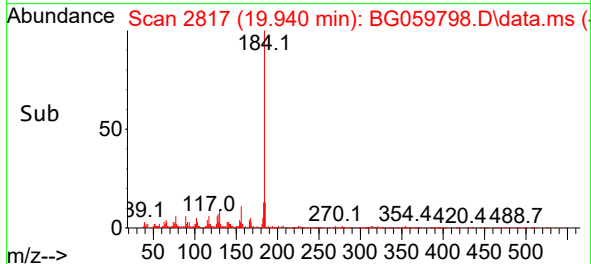
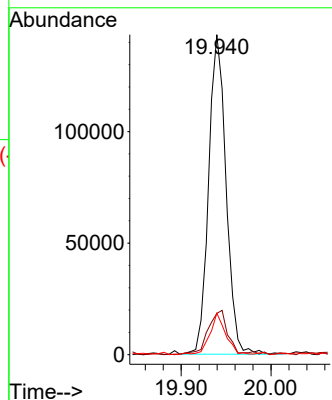
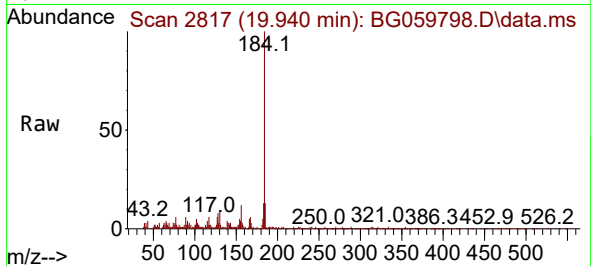




#77  
Benzidine  
Concen: 37.365 ng  
RT: 19.940 min Scan# 21  
Delta R.T. -0.002 min  
Lab File: BG059798.D  
Acq: 21 Nov 2023 19:03

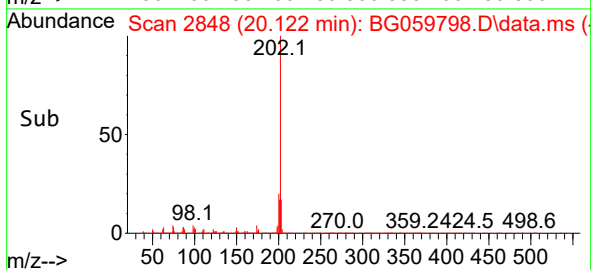
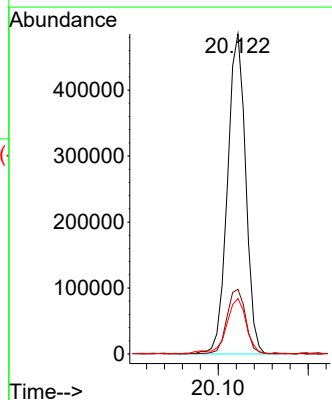
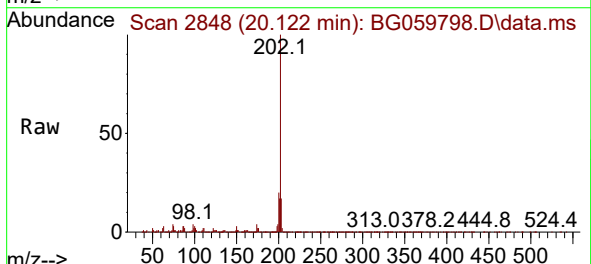
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

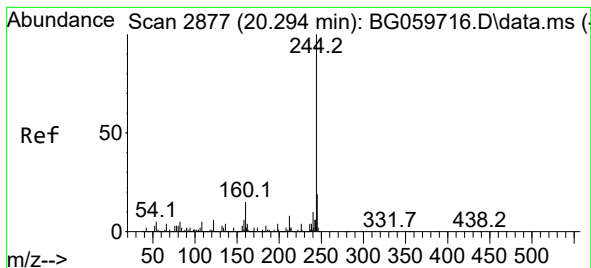
Tgt Ion:184 Resp: 193339  
Ion Ratio Lower Upper  
184 100  
185 12.9 12.2 18.2  
183 13.0 8.8 13.2



#78  
Pyrene  
Concen: 43.893 ng  
RT: 20.122 min Scan# 2848  
Delta R.T. 0.004 min  
Lab File: BG059798.D  
Acq: 21 Nov 2023 19:03

Tgt Ion:202 Resp: 681462  
Ion Ratio Lower Upper  
202 100  
200 20.2 16.2 24.4  
203 17.3 14.0 21.0





#79

Terphenyl-d14

Concen: 92.797 ng

RT: 20.292 min Scan# 2877

Delta R.T. -0.002 min

Lab File: BG059798.D

Acq: 21 Nov 2023 19:03

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

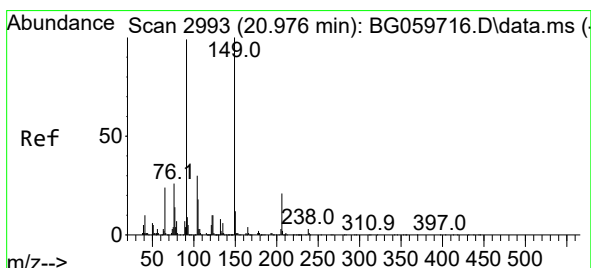
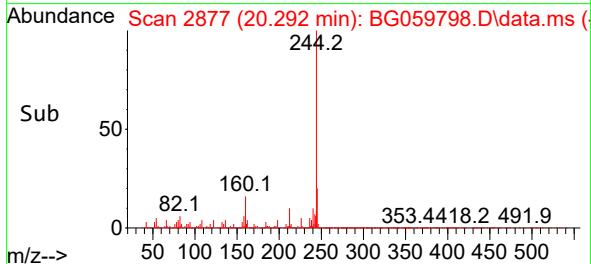
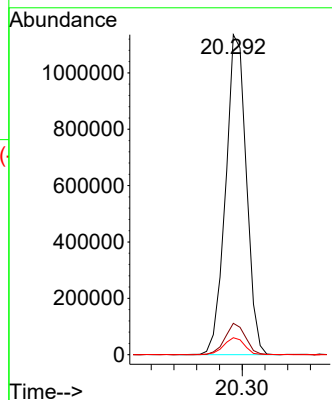
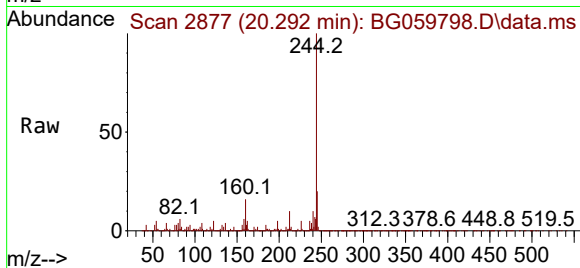
Tgt Ion:244 Resp: 1434375

Ion Ratio Lower Upper

244 100

212 9.8 6.6 10.0

122 5.3 4.4 6.6



#80

Butylbenzylphthalate

Concen: 44.492 ng

RT: 20.974 min Scan# 2993

Delta R.T. -0.002 min

Lab File: BG059798.D

Acq: 21 Nov 2023 19:03

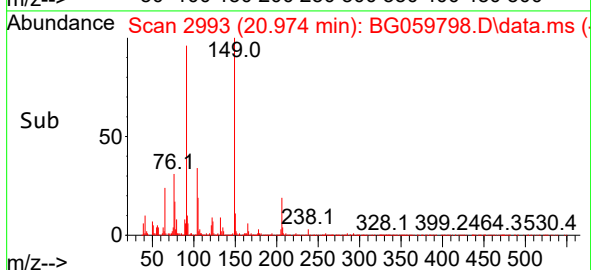
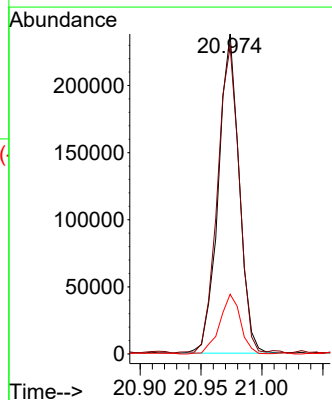
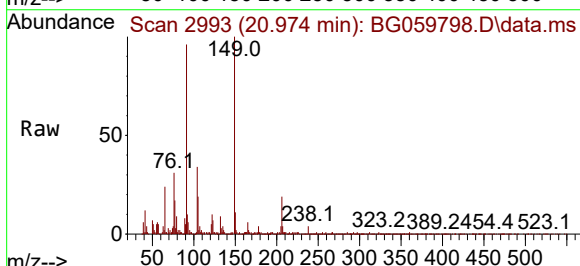
Tgt Ion:149 Resp: 283244

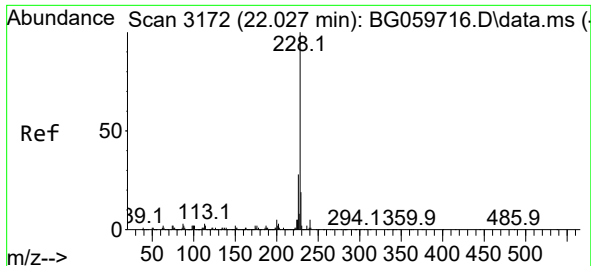
Ion Ratio Lower Upper

149 100

91 96.1 79.6 119.4

206 18.6 16.9 25.3

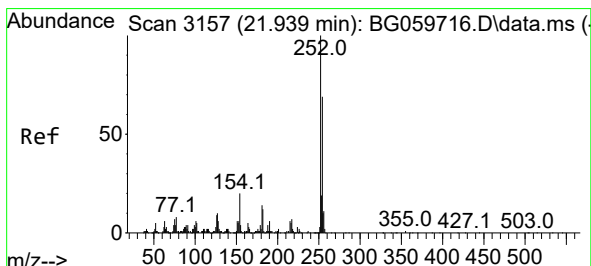
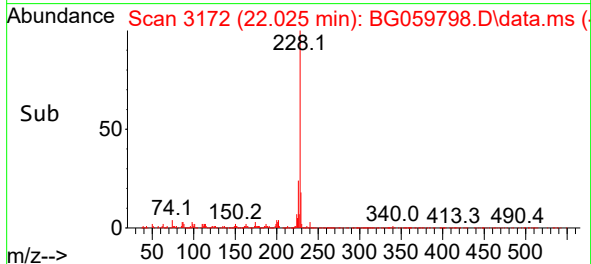
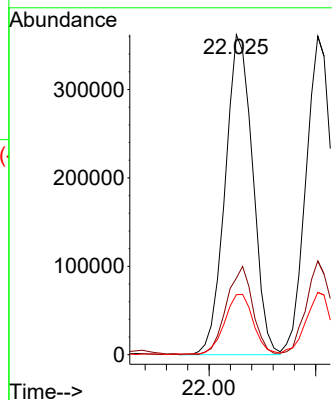
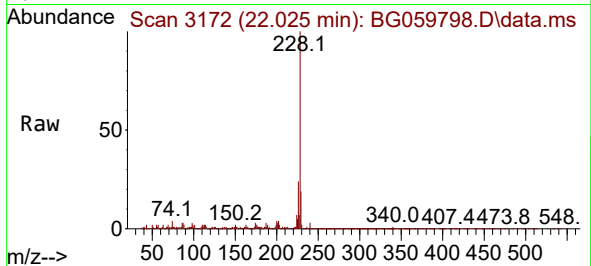




#81  
Benzo(a)anthracene  
Concen: 41.617 ng  
RT: 22.025 min Scan# 3172  
Delta R.T. -0.002 min  
Lab File: BG059798.D  
Acq: 21 Nov 2023 19:03

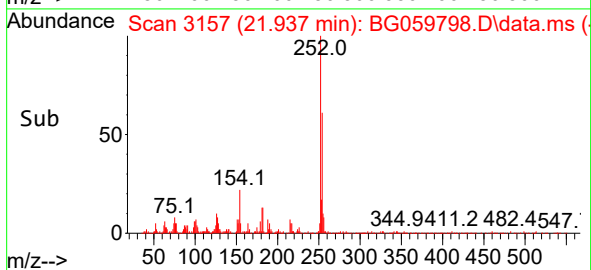
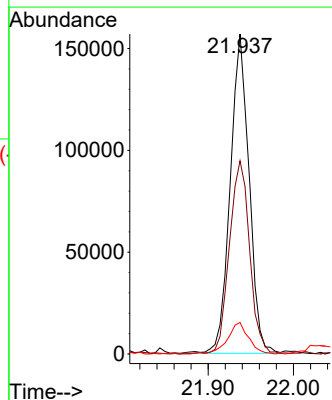
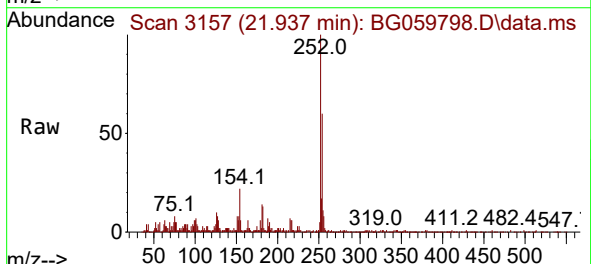
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

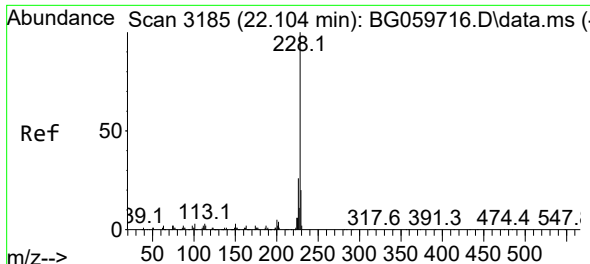
Tgt Ion:228 Resp: 649770  
Ion Ratio Lower Upper  
228 100  
226 23.9 22.1 33.1  
229 18.7 14.9 22.3



#82  
3,3'-Dichlorobenzidine  
Concen: 41.419 ng  
RT: 21.937 min Scan# 3157  
Delta R.T. -0.002 min  
Lab File: BG059798.D  
Acq: 21 Nov 2023 19:03

Tgt Ion:252 Resp: 240922  
Ion Ratio Lower Upper  
252 100  
254 60.3 55.2 82.8  
126 9.8 7.0 10.6

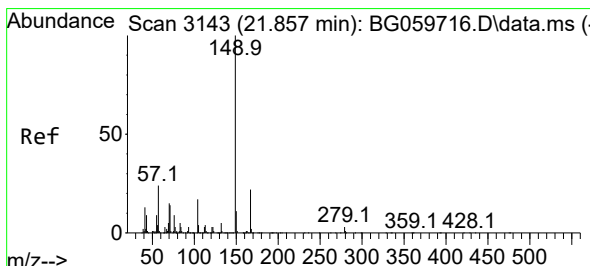
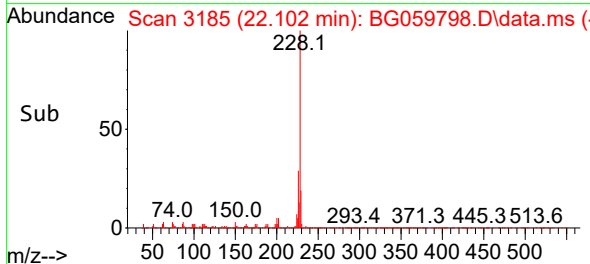
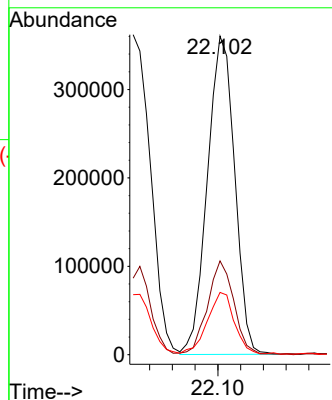
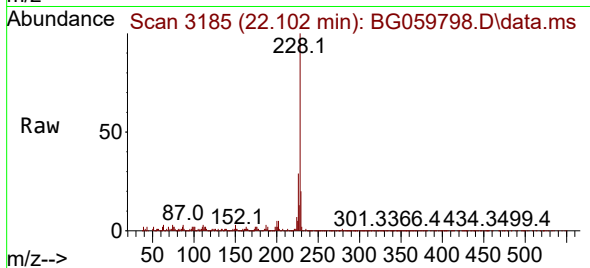




#83  
Chrysene  
Concen: 41.981 ng  
RT: 22.102 min Scan# 3185  
Delta R.T. -0.002 min  
Lab File: BG059798.D  
Acq: 21 Nov 2023 19:03

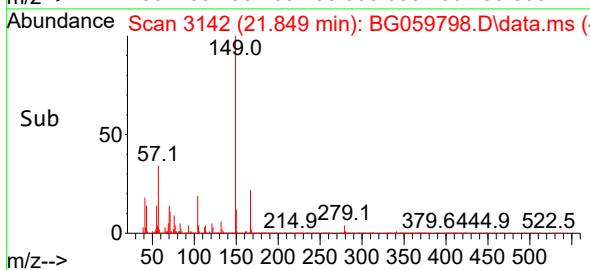
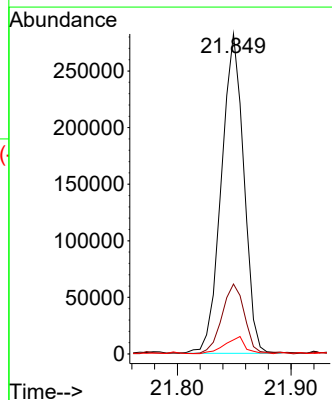
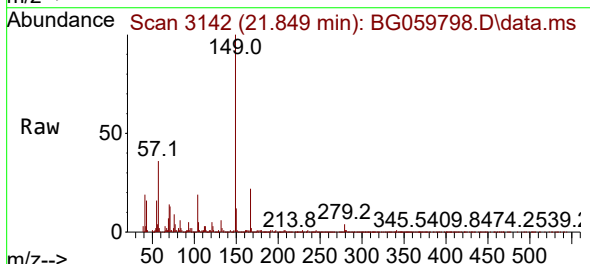
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

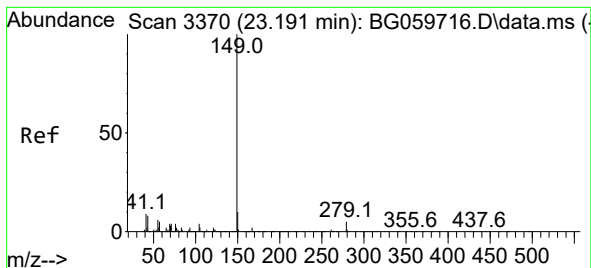
|             |              |
|-------------|--------------|
| Tgt Ion:228 | Resp: 600857 |
| Ion Ratio   | Lower Upper  |
| 228 100     |              |
| 226 29.4    | 21.1 31.7    |
| 229 19.6    | 16.2 24.4    |



#84  
Bis(2-ethylhexyl)phthalate  
Concen: 43.482 ng  
RT: 21.849 min Scan# 3142  
Delta R.T. -0.008 min  
Lab File: BG059798.D  
Acq: 21 Nov 2023 19:03

|             |              |
|-------------|--------------|
| Tgt Ion:149 | Resp: 386971 |
| Ion Ratio   | Lower Upper  |
| 149 100     |              |
| 167 21.8    | 17.6 26.4    |
| 279 4.4     | 2.7 4.1#     |





#85

Di-n-octyl phthalate

Concen: 38.379 ng

RT: 23.183 min Scan# 31

Delta R.T. -0.008 min

Lab File: BG059798.D

Acq: 21 Nov 2023 19:03

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

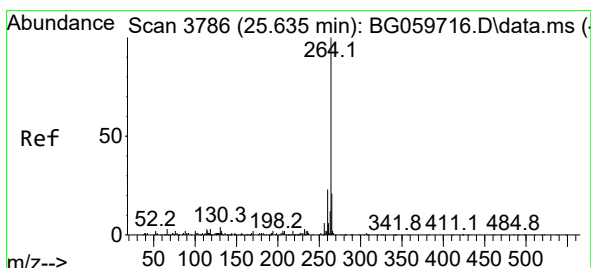
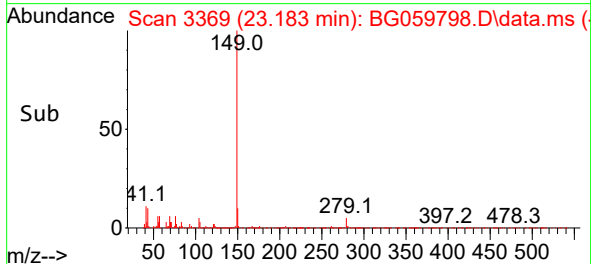
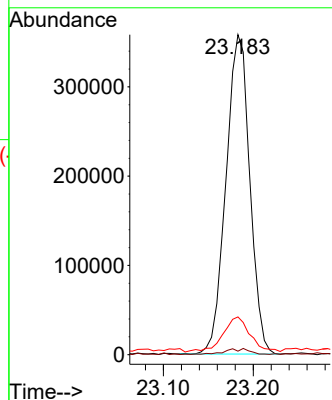
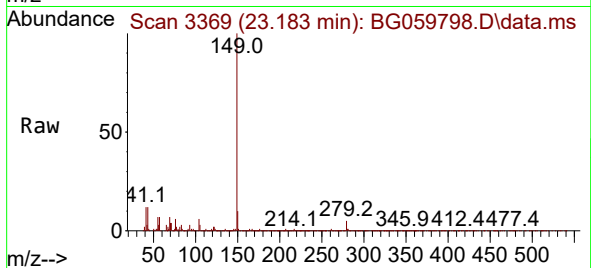
Tgt Ion:149 Resp: 657532

Ion Ratio Lower Upper

149 100

167 1.8 1.2 1.8#

43 12.4 6.3 9.5#



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.645 min Scan# 3788

Delta R.T. 0.010 min

Lab File: BG059798.D

Acq: 21 Nov 2023 19:03

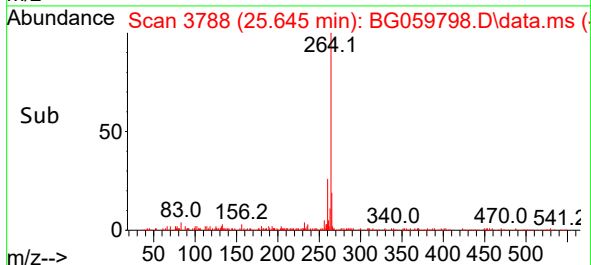
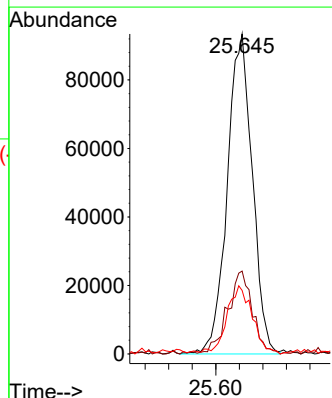
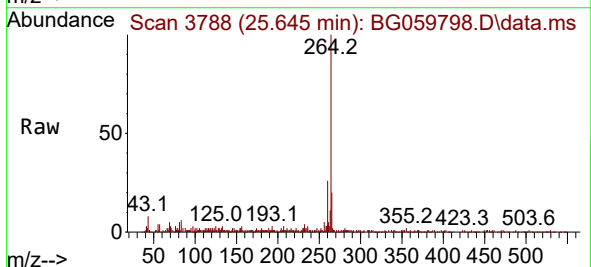
Tgt Ion:264 Resp: 276014

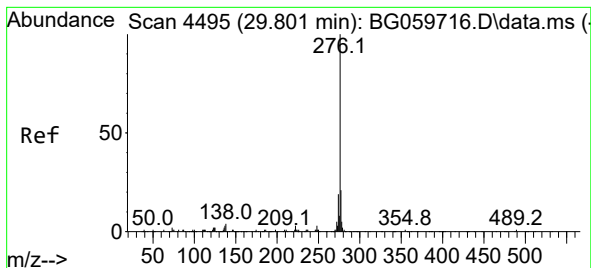
Ion Ratio Lower Upper

264 100

260 25.9 18.5 27.7

265 19.8 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 39.437 ng

RT: 29.822 min Scan# 4499

Delta R.T. 0.022 min

Lab File: BG059798.D

Acq: 21 Nov 2023 19:03

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

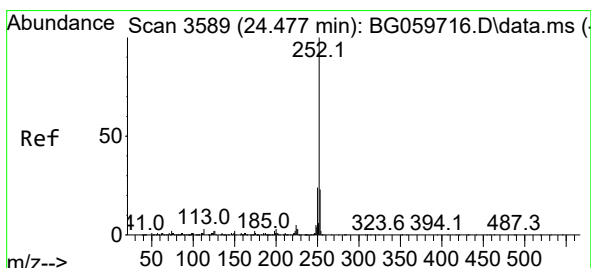
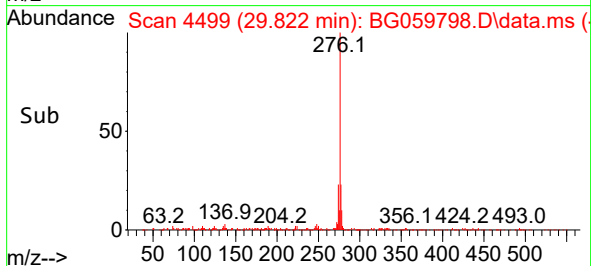
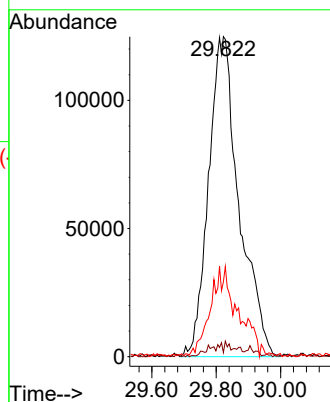
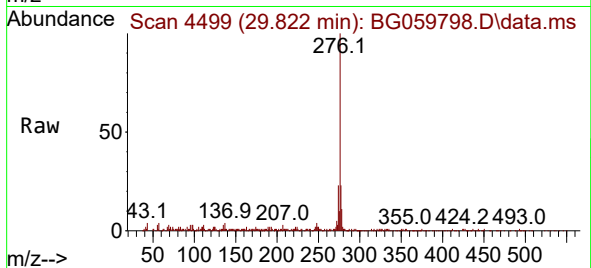
Tgt Ion:276 Resp: 823651

Ion Ratio Lower Upper

276 100

138 0.4 1.8 2.6#

277 10.8 9.8 14.6



#88

Benzo(b)fluoranthene

Concen: 43.268 ng

RT: 24.476 min Scan# 3589

Delta R.T. -0.002 min

Lab File: BG059798.D

Acq: 21 Nov 2023 19:03

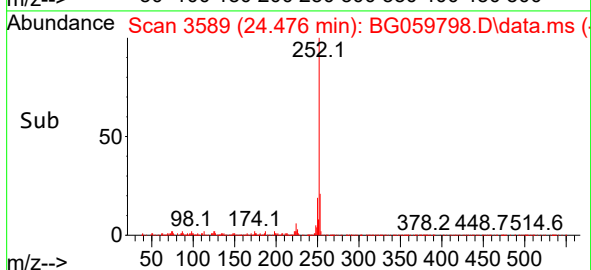
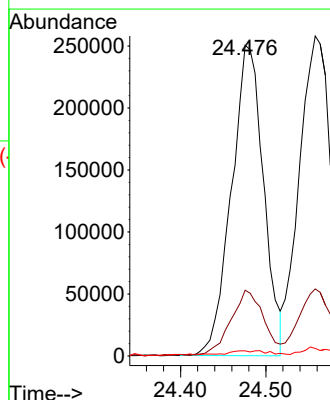
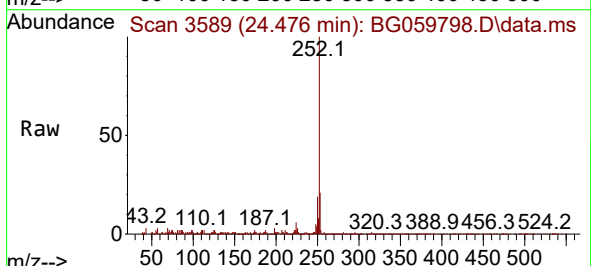
Tgt Ion:252 Resp: 654567

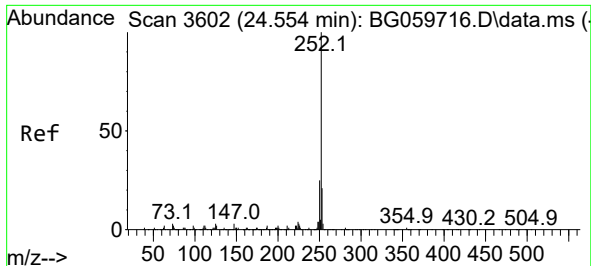
Ion Ratio Lower Upper

252 100

253 21.2 18.3 27.5

125 1.6 1.4 2.0

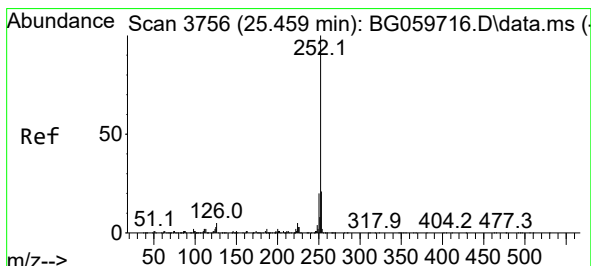
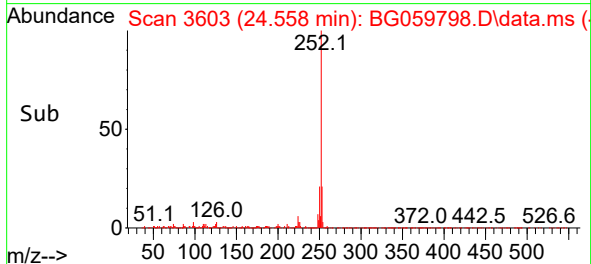
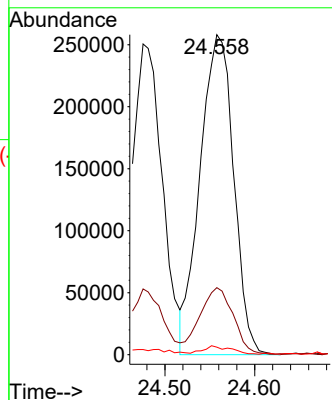
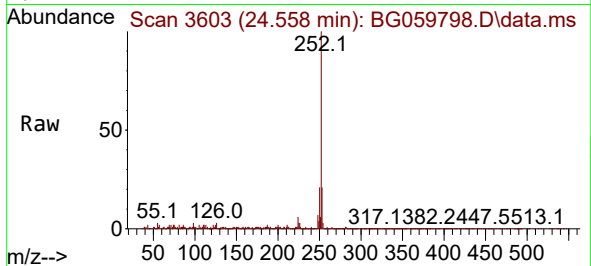




#89  
Benzo(k)fluoranthene  
Concen: 44.912 ng  
RT: 24.558 min Scan# 30  
Delta R.T. 0.004 min  
Lab File: BG059798.D  
Acq: 21 Nov 2023 19:03

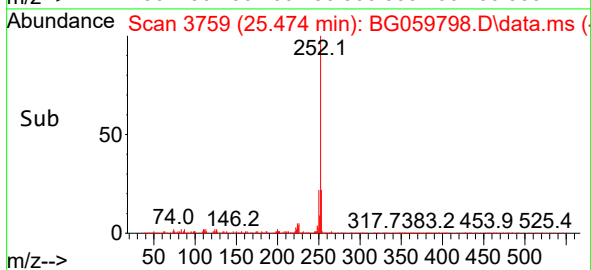
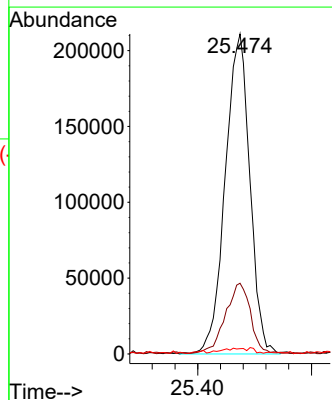
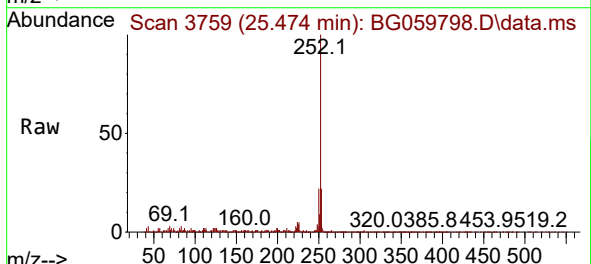
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

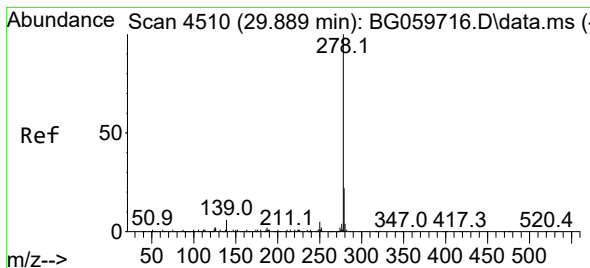
Tgt Ion:252 Resp: 671702  
Ion Ratio Lower Upper  
252 100  
253 21.0 17.1 25.7  
125 2.3 2.2 3.2



#90  
Benzo(a)pyrene  
Concen: 39.234 ng  
RT: 25.474 min Scan# 3759  
Delta R.T. 0.016 min  
Lab File: BG059798.D  
Acq: 21 Nov 2023 19:03

Tgt Ion:252 Resp: 633452  
Ion Ratio Lower Upper  
252 100  
253 22.1 16.8 25.2  
125 1.7 2.0 3.0#





#91

Dibenzo(a,h)anthracene

Concen: 40.782 ng

RT: 29.899 min Scan# 4

Delta R.T. 0.010 min

Lab File: BG059798.D

Acq: 21 Nov 2023 19:03

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

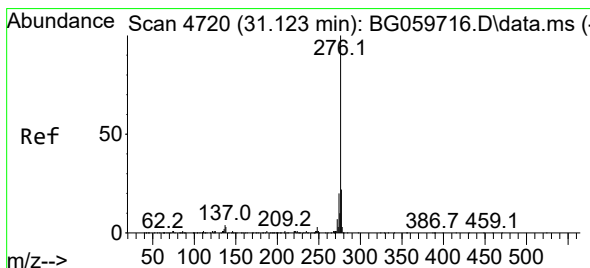
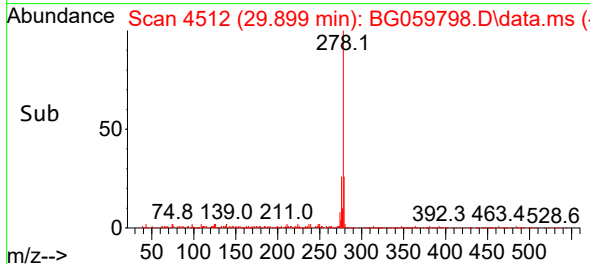
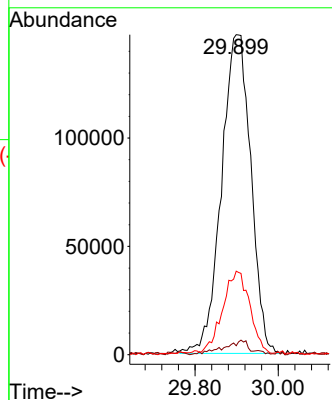
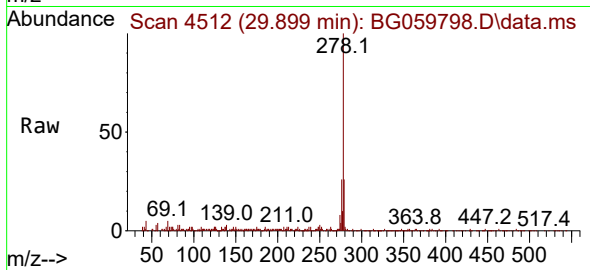
Tgt Ion:278 Resp: 720599

Ion Ratio Lower Upper

278 100

139 2.8 4.6 7.0#

279 26.1 17.4 26.0#



#92

Benzo(g,h,i)perylene

Concen: 39.039 ng

RT: 31.156 min Scan# 4726

Delta R.T. 0.033 min

Lab File: BG059798.D

Acq: 21 Nov 2023 19:03

Tgt Ion:276 Resp: 654518

Ion Ratio Lower Upper

276 100

277 23.7 17.3 25.9

138 3.5 2.6 4.0

