

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG121523\  
 Data File : BG060046.D  
 Acq On : 15 Dec 2023 22:35  
 Operator : MA/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

Quant Time: Dec 16 02:06:44 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG121323.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Dec 14 01:47:12 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.958  | 152  | 63905    | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.766 | 136  | 280164   | 20.000 | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 14.591 | 164  | 233898   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.341 | 188  | 722381   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 21.612 | 240  | 869262   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 24.803 | 264  | 996959   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.525  | 112  | 326174   | 87.374 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.112  | 99   | 466842   | 88.902 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.121  | 82   | 490290   | 79.465 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.084 | 330  | 460546   | 84.490 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.216 | 172  | 1526248  | 79.863 | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.961 | 244  | 3793087  | 79.666 | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.440  | 88   | 75837    | 42.931 | ng    | 90       |
| 3) Pyridine                   | 3.827  | 79   | 206623   | 41.766 | ng    | 94       |
| 4) n-Nitrosodimethylamine     | 3.745  | 42   | 90949    | 37.376 | ng    | 84       |
| 6) Aniline                    | 7.282  | 93   | 242845   | 45.404 | ng    | 95       |
| 8) 2-Chlorophenol             | 7.523  | 128  | 154393   | 43.644 | ng    | 94       |
| 9) Benzaldehyde               | 7.094  | 77   | 137082   | 42.933 | ng    | 99       |
| 10) Phenol                    | 7.141  | 94   | 240940   | 45.674 | ng    | 96       |
| 11) bis(2-Chloroethyl)ether   | 7.376  | 93   | 152355   | 40.343 | ng    | 91       |
| 12) 1,3-Dichlorobenzene       | 7.846  | 146  | 206144   | 43.577 | ng    | 99       |
| 13) 1,4-Dichlorobenzene       | 7.993  | 146  | 207235   | 42.099 | ng    | 96       |
| 14) 1,2-Dichlorobenzene       | 8.310  | 146  | 209074   | 44.145 | ng    | 94       |
| 15) Benzyl Alcohol            | 8.193  | 79   | 197164   | 46.716 | ng    | 99       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.487  | 45   | 342373   | 50.663 | ng    | 96       |
| 17) 2-Methylphenol            | 8.393  | 107  | 164967   | 46.906 | ng    | 92       |
| 18) Hexachloroethane          | 9.045  | 117  | 68369    | 45.849 | ng    | 97       |
| 19) n-Nitroso-di-n-propyla... | 8.763  | 70   | 162572   | 47.986 | ng    | # 94     |
| 20) 3+4-Methylphenols         | 8.722  | 107  | 235697   | 47.979 | ng    | 93       |
| 22) Acetophenone              | 8.780  | 105  | 321730   | 39.407 | ng    | 97       |
| 24) Nitrobenzene              | 9.162  | 77   | 247714   | 39.546 | ng    | 99       |
| 25) Isophorone                | 9.679  | 82   | 460992   | 39.038 | ng    | 99       |
| 26) 2-Nitrophenol             | 9.873  | 139  | 97798    | 42.453 | ng    | 90       |
| 27) 2,4-Dimethylphenol        | 9.926  | 122  | 129940   | 41.150 | ng    | 93       |
| 28) bis(2-Chloroethoxy)met... | 10.167 | 93   | 227160   | 37.258 | ng    | 98       |
| 29) 2,4-Dichlorophenol        | 10.408 | 162  | 231982   | 40.904 | ng    | 93       |
| 30) 1,2,4-Trichlorobenzene    | 10.625 | 180  | 297304   | 38.728 | ng    | 100      |
| 31) Naphthalene               | 10.813 | 128  | 592339   | 40.614 | ng    | 96       |
| 32) Benzoic acid              | 10.061 | 122  | 144826   | 50.420 | ng    | 95       |
| 33) 4-Chloroaniline           | 10.919 | 127  | 234875   | 42.324 | ng    | 97       |
| 34) Hexachlorobutadiene       | 11.101 | 225  | 258511   | 36.792 | ng    | 93       |
| 35) Caprolactam               | 11.700 | 113  | 70081    | 48.643 | ng    | 96       |
| 36) 4-Chloro-3-methylphenol   | 12.035 | 107  | 225355   | 43.690 | ng    | 99       |
| 37) 2-Methylnaphthalene       | 12.417 | 142  | 462618   | 40.442 | ng    | 96       |
| 38) 1-Methylnaphthalene       | 12.640 | 142  | 460445   | 40.749 | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 12.782 | 216  | 465411   | 38.168 | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 12.770 | 237  | 277058   | 54.992 | ng    | 97       |
| 43) 2,4,6-Trichlorophenol     | 13.022 | 196  | 270819   | 39.611 | ng    | 95       |

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

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

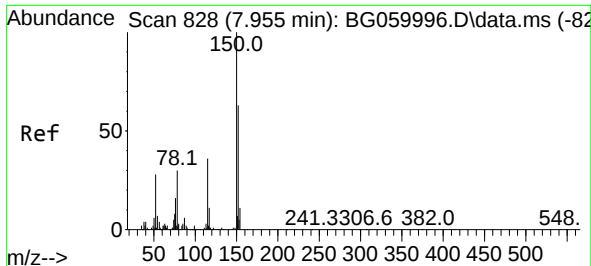
Quant Time: Dec 16 02:06:44 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG121323.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Dec 14 01:47:12 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 13.093 | 196  | 308934   | 41.542 | ng    | 99       |
| 46) 1,1'-Biphenyl             | 13.428 | 154  | 718317   | 41.411 | ng    | 99       |
| 47) 2-Chloronaphthalene       | 13.469 | 162  | 598006   | 39.808 | ng    | 97       |
| 48) 2-Nitroaniline            | 13.669 | 65   | 162114   | 49.992 | ng    | 87       |
| 49) Acenaphthylene            | 14.315 | 152  | 872150   | 42.443 | ng    | 98       |
| 50) Dimethylphthalate         | 14.051 | 163  | 762069   | 41.974 | ng    | 98       |
| 51) 2,6-Dinitrotoluene        | 14.168 | 165  | 167360   | 44.500 | ng    | 98       |
| 52) Acenaphthene              | 14.662 | 154  | 551714   | 39.004 | ng    | 94       |
| 53) 3-Nitroaniline            | 14.497 | 138  | 144599   | 48.115 | ng    | 86       |
| 54) 2,4-Dinitrophenol         | 14.697 | 184  | 183420   | 66.195 | ng    | # 89     |
| 55) Dibenzofuran              | 14.991 | 168  | 966643   | 41.986 | ng    | 99       |
| 56) 4-Nitrophenol             | 14.797 | 139  | 141436   | 55.997 | ng    | 94       |
| 57) 2,4-Dinitrotoluene        | 14.950 | 165  | 245099   | 46.361 | ng    | 94       |
| 58) Fluorene                  | 15.643 | 166  | 810416   | 41.744 | ng    | 98       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.132 | 232  | 334363   | 43.193 | ng    | 94       |
| 60) Diethylphthalate          | 15.414 | 149  | 714747   | 42.786 | ng    | 100      |
| 61) 4-Chlorophenyl-phenyle... | 15.637 | 204  | 568391   | 40.652 | ng    | 95       |
| 62) 4-Nitroaniline            | 15.660 | 138  | 153681   | 46.962 | ng    | 96       |
| 63) Azobenzene                | 15.931 | 77   | 680766   | 41.334 | ng    | 96       |
| 65) 4,6-Dinitro-2-methylph... | 15.713 | 198  | 205505   | 45.373 | ng    | 88       |
| 66) n-Nitrosodiphenylamine    | 15.849 | 169  | 735796   | 41.694 | ng    | 98       |
| 67) 4-Bromophenyl-phenylether | 16.530 | 248  | 412019   | 40.425 | ng    | # 96     |
| 68) Hexachlorobenzene         | 16.648 | 284  | 477851   | 40.105 | ng    | 98       |
| 69) Atrazine                  | 16.794 | 200  | 230098   | 36.277 | ng    | 98       |
| 70) Pentachlorophenol         | 16.988 | 266  | 390236   | 50.556 | ng    | 92       |
| 71) Phenanthrene              | 17.388 | 178  | 1472886  | 42.094 | ng    | 98       |
| 72) Anthracene                | 17.476 | 178  | 1480290  | 42.077 | ng    | 99       |
| 73) Carbazole                 | 17.746 | 167  | 1290385  | 43.163 | ng    | 97       |
| 74) Di-n-butylphthalate       | 18.310 | 149  | 1216881  | 44.620 | ng    | 99       |
| 75) Fluoranthene              | 19.397 | 202  | 2116093  | 41.444 | ng    | 97       |
| 77) Benzidine                 | 19.579 | 184  | 605706   | 54.248 | ng    | 99       |
| 78) Pyrene                    | 19.762 | 202  | 2171253  | 41.205 | ng    | 99       |
| 80) Butylbenzylphthalate      | 20.655 | 149  | 481909   | 50.922 | ng    | 95       |
| 81) Benzo(a)anthracene        | 21.595 | 228  | 2413056  | 41.326 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 21.512 | 252  | 838973   | 43.665 | ng    | 99       |
| 83) Chrysene                  | 21.659 | 228  | 2258015  | 40.818 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 21.512 | 149  | 709455   | 49.460 | ng    | 98       |
| 85) Di-n-octyl phthalate      | 22.717 | 149  | 1247422  | 50.275 | ng    | 97       |
| 87) Indeno(1,2,3-cd)pyrene    | 28.440 | 276  | 2969538  | 41.736 | ng    | 99       |
| 88) Benzo(b)fluoranthene      | 23.792 | 252  | 2504054  | 40.669 | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 23.857 | 252  | 2510843  | 42.041 | ng    | 99       |
| 90) Benzo(a)pyrene            | 24.656 | 252  | 2254378  | 41.326 | ng    | # 98     |
| 91) Dibenzo(a,h)anthracene    | 28.510 | 278  | 2512171  | 42.224 | ng    | 97       |
| 92) Benzo(g,h,i)perylene      | 29.591 | 276  | 2451741  | 41.428 | ng    | 98       |

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

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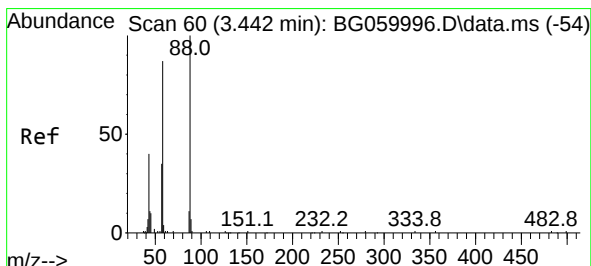
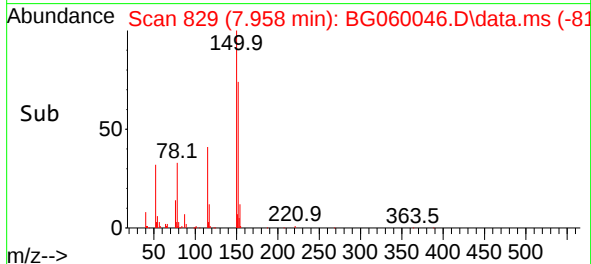
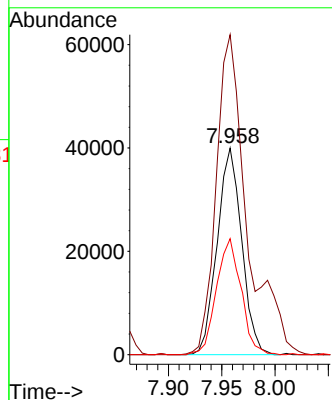
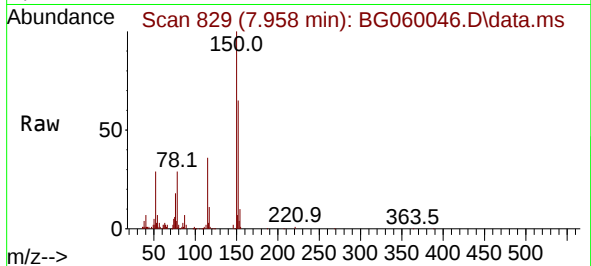




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 7.958 min Scan# 81  
 Delta R.T. 0.003 min  
 Lab File: BG060046.D  
 Acq: 15 Dec 2023 22:35

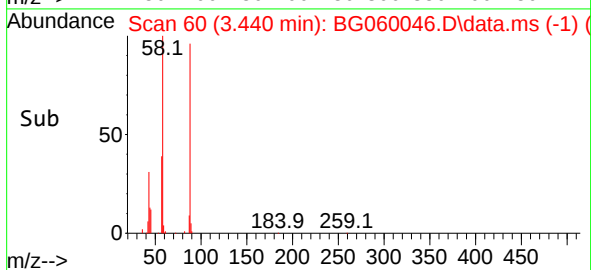
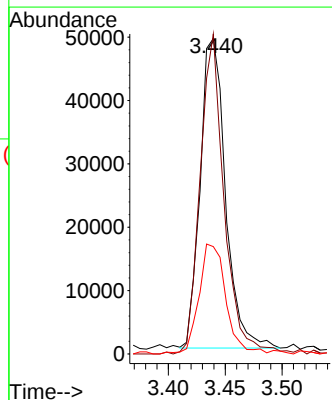
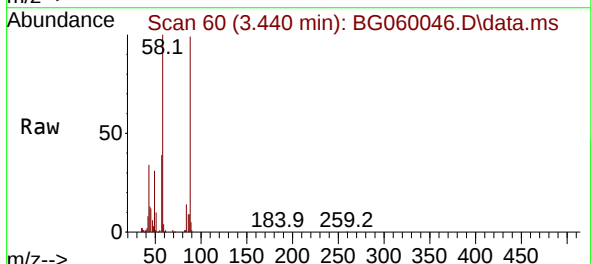
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

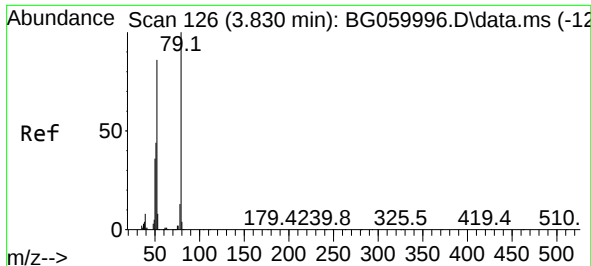
Tgt Ion:152 Resp: 63905  
 Ion Ratio Lower Upper  
 152 100  
 150 154.9 127.0 190.6  
 115 56.2 45.7 68.5



#2  
 1,4-Dioxane  
 Concen: 42.931 ng  
 RT: 3.440 min Scan# 60  
 Delta R.T. -0.003 min  
 Lab File: BG060046.D  
 Acq: 15 Dec 2023 22:35

Tgt Ion: 88 Resp: 75837  
 Ion Ratio Lower Upper  
 88 100  
 58 97.8 68.5 102.7  
 43 37.6 28.8 43.2





#3

Pyridine

Concen: 41.766 ng

RT: 3.827 min Scan# 112

Delta R.T. -0.003 min

Lab File: BG060046.D

Acq: 15 Dec 2023 22:35

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

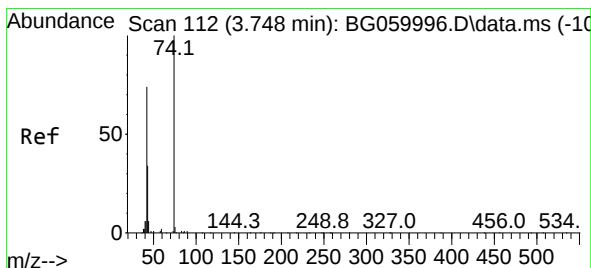
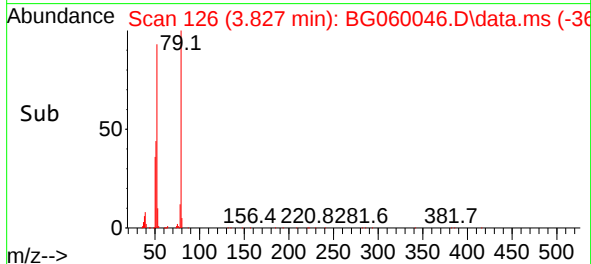
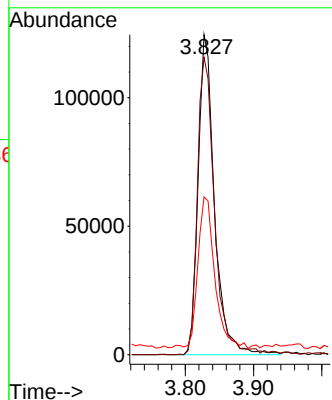
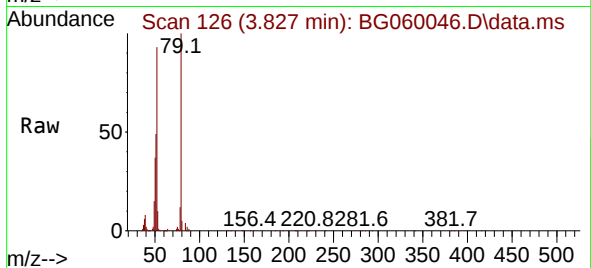
Tgt Ion: 79 Resp: 206623

Ion Ratio Lower Upper

79 100

52 92.9 68.7 103.1

51 49.3 41.1 61.7



#4

n-Nitrosodimethylamine

Concen: 37.376 ng

RT: 3.745 min Scan# 112

Delta R.T. -0.003 min

Lab File: BG060046.D

Acq: 15 Dec 2023 22:35

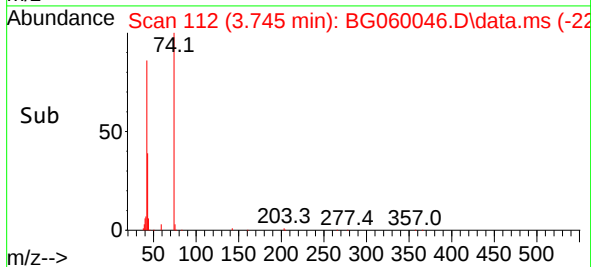
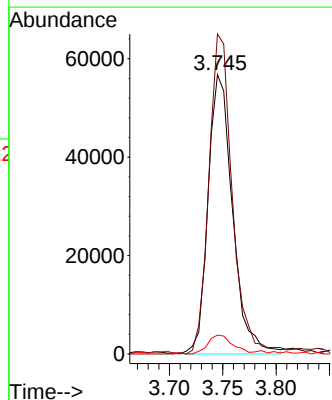
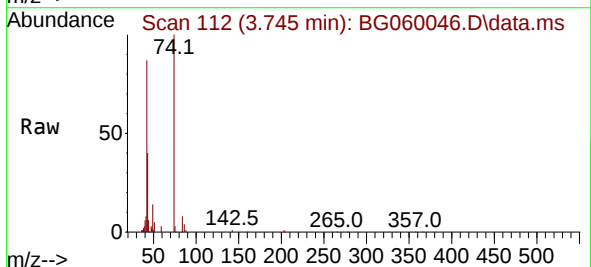
Tgt Ion: 42 Resp: 90949

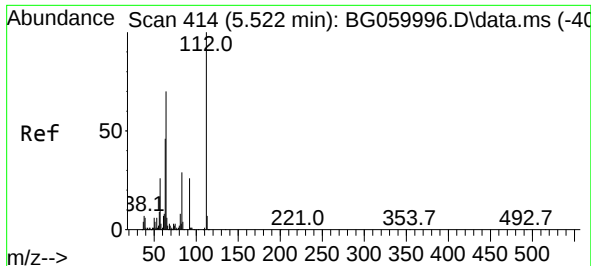
Ion Ratio Lower Upper

42 100

74 114.5 107.4 161.2

44 6.8 6.0 9.0

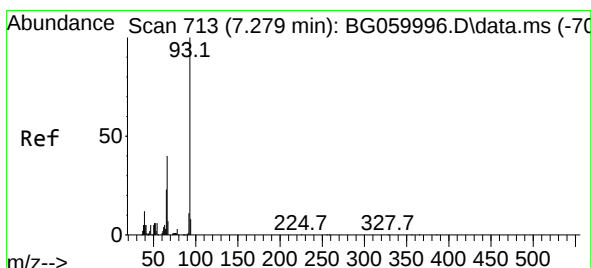
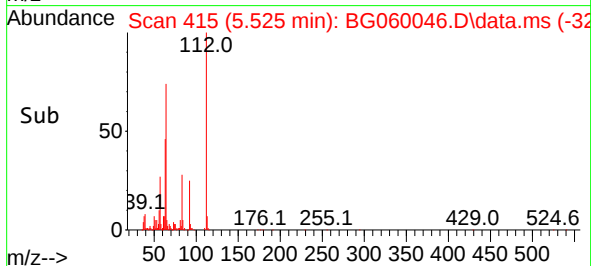
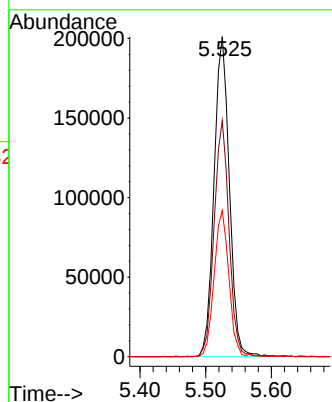
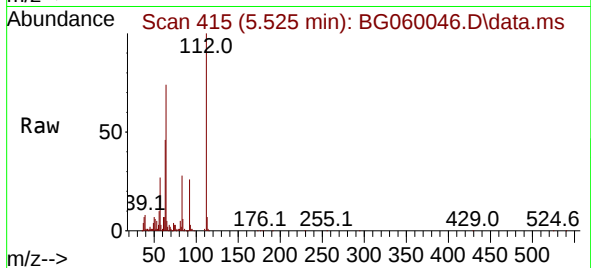




#5  
2-Fluorophenol  
Concen: 87.374 ng  
RT: 5.525 min Scan# 414  
Delta R.T. 0.003 min  
Lab File: BG060046.D  
Acq: 15 Dec 2023 22:35

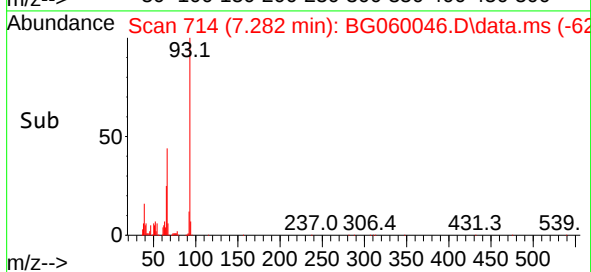
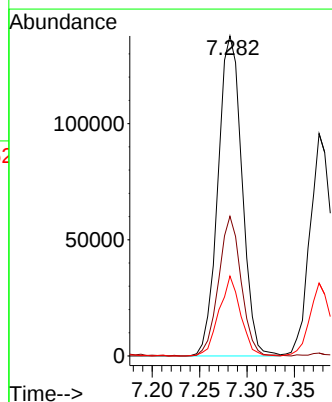
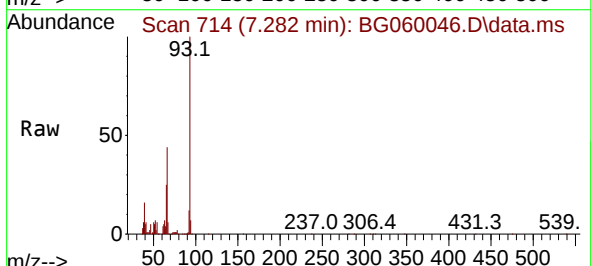
Instrument :  
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SSTDCCC040

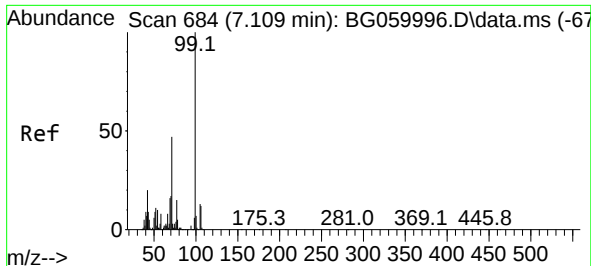
Tgt Ion:112 Resp: 326174  
Ion Ratio Lower Upper  
112 100  
64 73.8 55.9 83.9  
63 45.6 36.5 54.7



#6  
Aniline  
Concen: 45.404 ng  
RT: 7.282 min Scan# 714  
Delta R.T. 0.003 min  
Lab File: BG060046.D  
Acq: 15 Dec 2023 22:35

Tgt Ion: 93 Resp: 242845  
Ion Ratio Lower Upper  
93 100  
66 43.7 31.8 47.8  
65 25.0 18.6 28.0

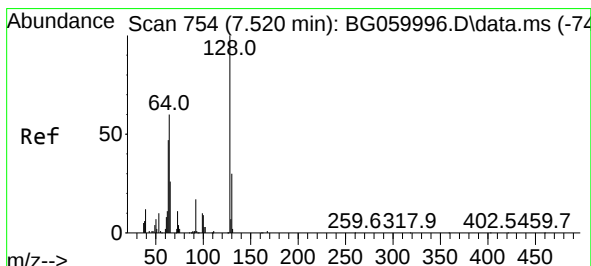
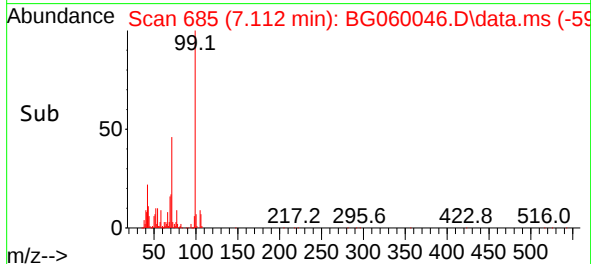
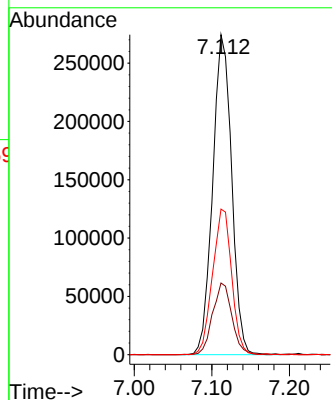
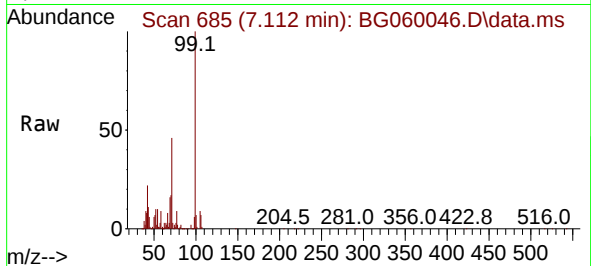




#7  
Phenol-d6  
Concen: 88.902 ng  
RT: 7.112 min Scan# 61  
Delta R.T. 0.003 min  
Lab File: BG060046.D  
Acq: 15 Dec 2023 22:35

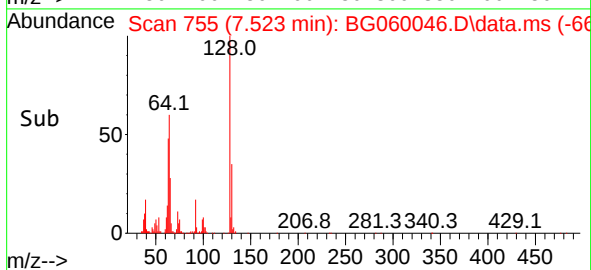
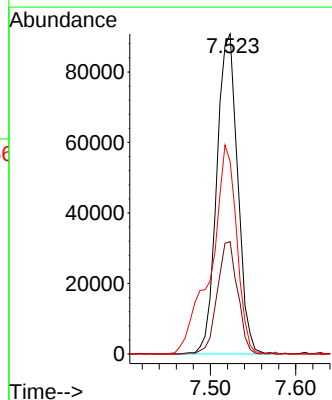
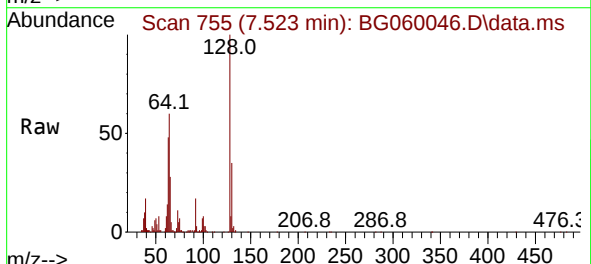
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

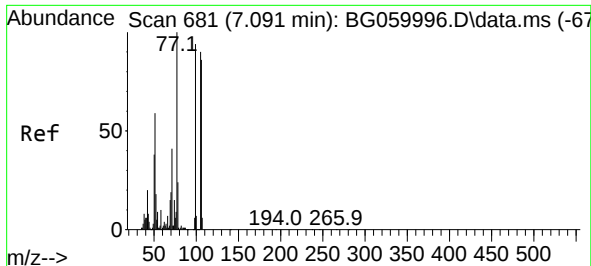
Tgt Ion: 99 Resp: 466842  
Ion Ratio Lower Upper  
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42 22.4 16.2 24.4  
71 45.5 37.6 56.4



#8  
2-Chlorophenol  
Concen: 43.644 ng  
RT: 7.523 min Scan# 755  
Delta R.T. 0.003 min  
Lab File: BG060046.D  
Acq: 15 Dec 2023 22:35

Tgt Ion: 128 Resp: 154393  
Ion Ratio Lower Upper  
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130 35.1 10.3 50.3  
64 60.1 44.2 84.2

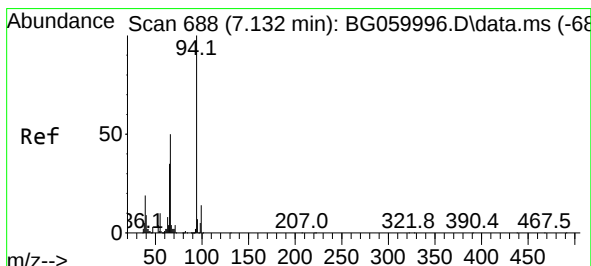
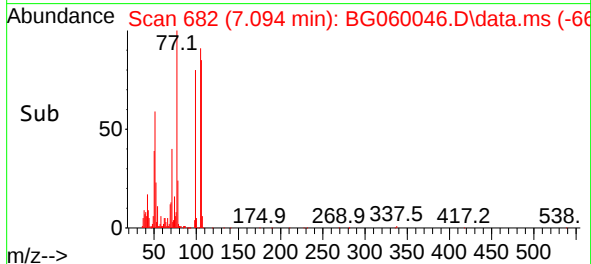
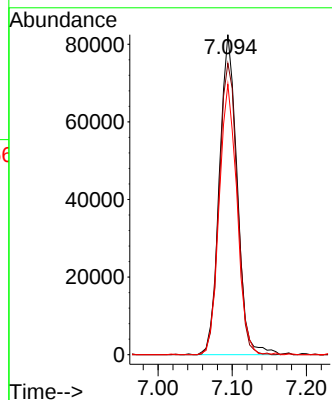
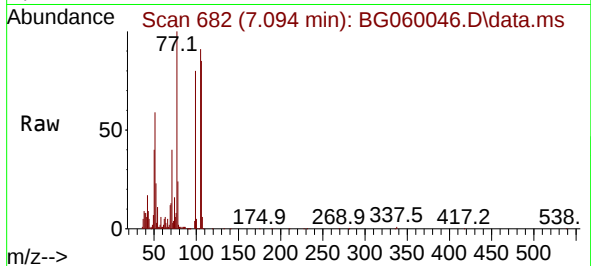




#9  
Benzaldehyde  
Concen: 42.933 ng  
RT: 7.094 min Scan# 61  
Delta R.T. 0.003 min  
Lab File: BG060046.D  
Acq: 15 Dec 2023 22:35

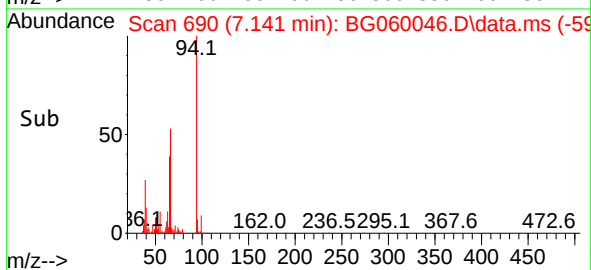
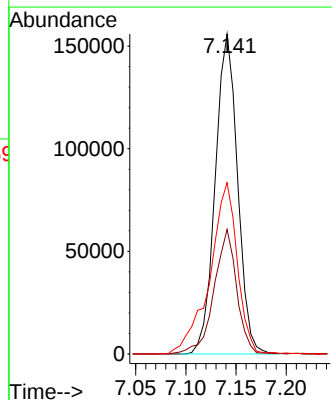
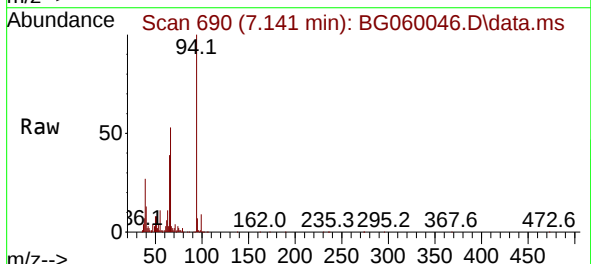
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

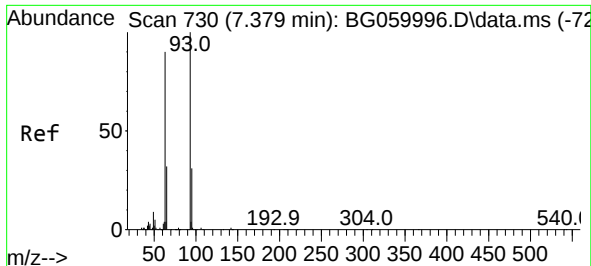
Tgt Ion: 77 Resp: 137082  
Ion Ratio Lower Upper  
77 100  
105 91.1 70.5 110.5  
106 84.5 66.0 106.0



#10  
Phenol  
Concen: 45.674 ng  
RT: 7.141 min Scan# 690  
Delta R.T. 0.009 min  
Lab File: BG060046.D  
Acq: 15 Dec 2023 22:35

Tgt Ion: 94 Resp: 240940  
Ion Ratio Lower Upper  
94 100  
65 38.9 15.5 55.5  
66 53.5 31.6 71.6

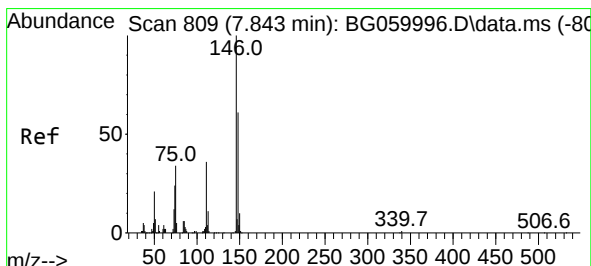
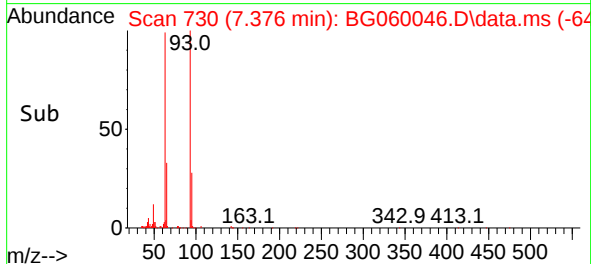
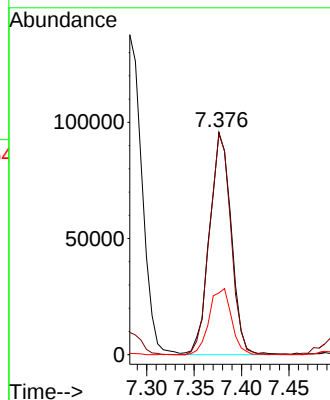
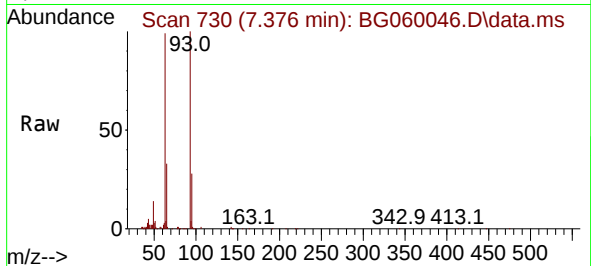




#11  
bis(2-Chloroethyl)ether  
Concen: 40.343 ng  
RT: 7.376 min Scan# 71  
Delta R.T. -0.003 min  
Lab File: BG060046.D  
Acq: 15 Dec 2023 22:35

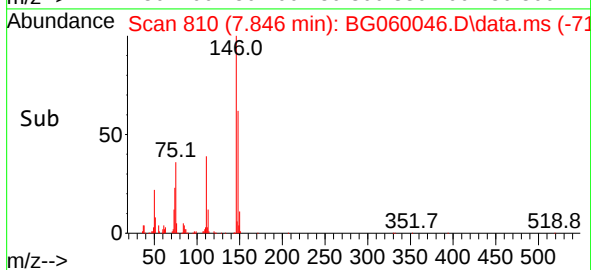
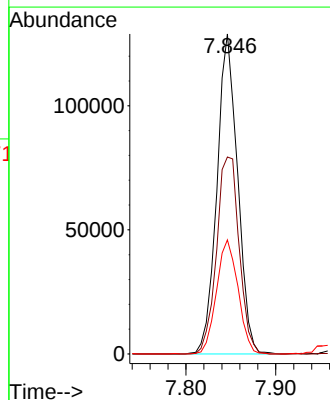
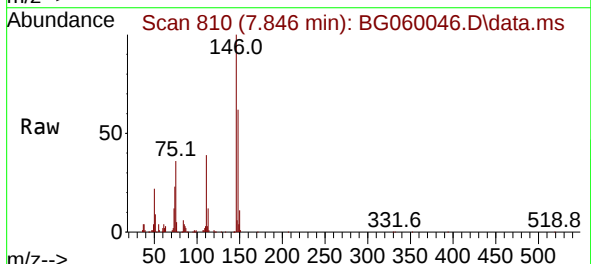
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

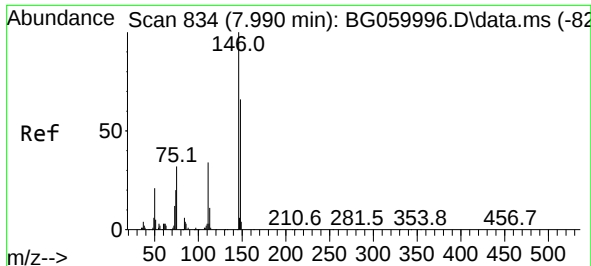
Tgt Ion: 93 Resp: 152355  
Ion Ratio Lower Upper  
93 100  
63 99.1 69.8 109.8  
95 27.7 10.7 50.7



#12  
1,3-Dichlorobenzene  
Concen: 43.577 ng  
RT: 7.846 min Scan# 810  
Delta R.T. 0.003 min  
Lab File: BG060046.D  
Acq: 15 Dec 2023 22:35

Tgt Ion:146 Resp: 206144  
Ion Ratio Lower Upper  
146 100  
148 61.5 49.1 73.7  
75 35.6 27.0 40.6

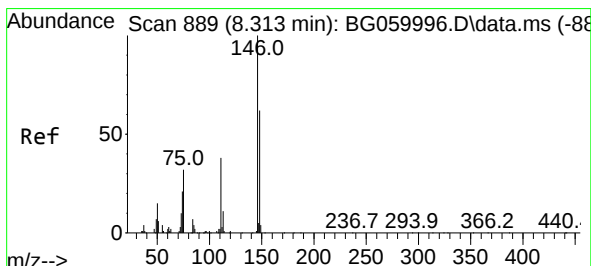
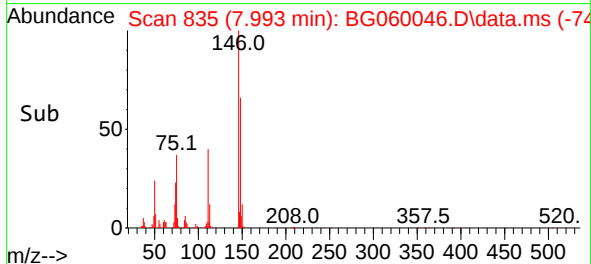
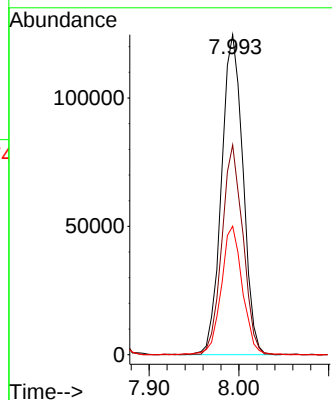
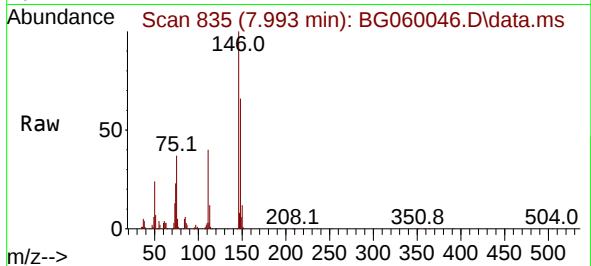




#13  
1,4-Dichlorobenzene  
Concen: 42.099 ng  
RT: 7.993 min Scan# 811  
Delta R.T. 0.003 min  
Lab File: BG060046.D  
Acq: 15 Dec 2023 22:35

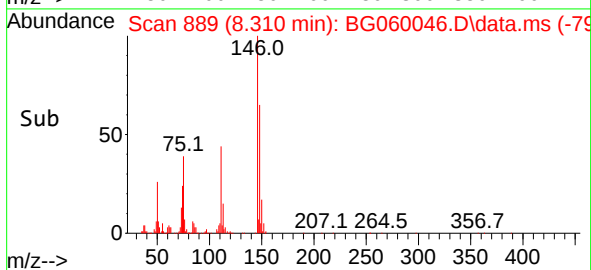
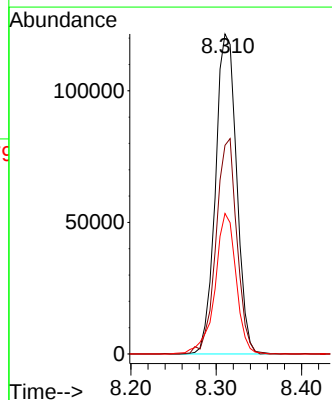
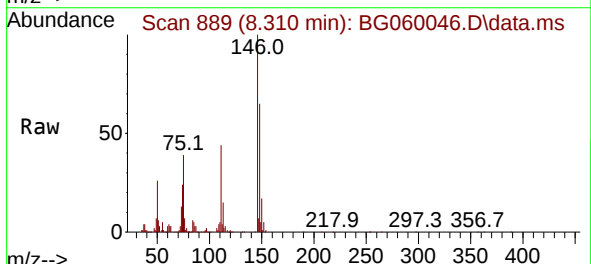
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

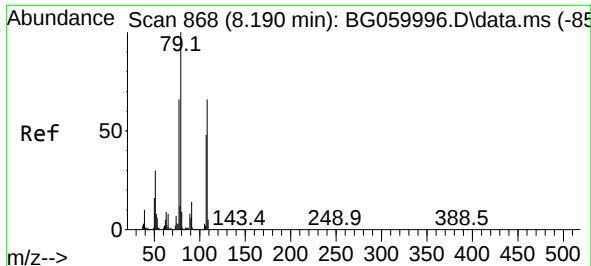
Tgt Ion:146 Resp: 207235  
Ion Ratio Lower Upper  
146 100  
148 65.5 52.9 79.3  
111 40.2 27.6 41.4



#14  
1,2-Dichlorobenzene  
Concen: 44.145 ng  
RT: 8.310 min Scan# 889  
Delta R.T. -0.003 min  
Lab File: BG060046.D  
Acq: 15 Dec 2023 22:35

Tgt Ion:146 Resp: 209074  
Ion Ratio Lower Upper  
146 100  
148 65.2 49.7 74.5  
111 43.9 30.9 46.3

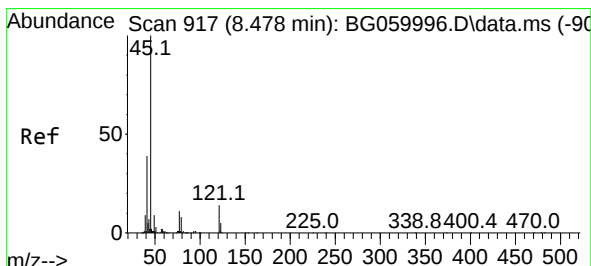
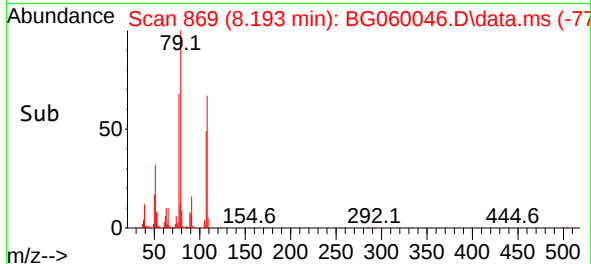
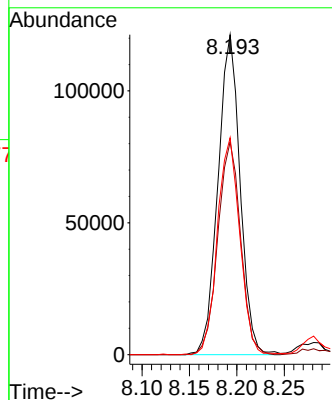
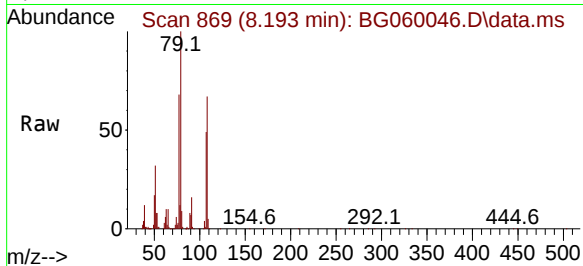




#15  
Benzyl Alcohol  
Concen: 46.716 ng  
RT: 8.193 min Scan# 80  
Delta R.T. 0.003 min  
Lab File: BG060046.D  
Acq: 15 Dec 2023 22:35

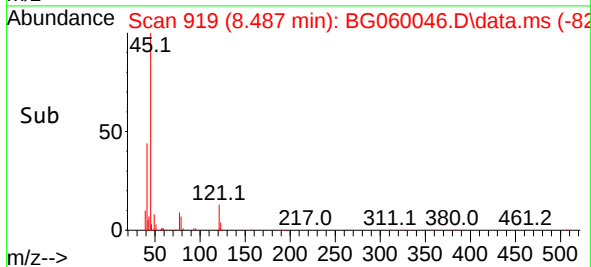
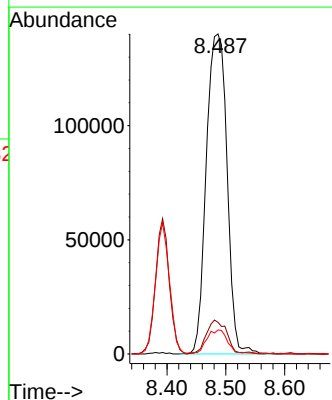
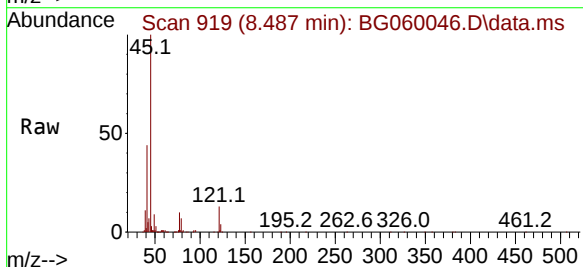
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

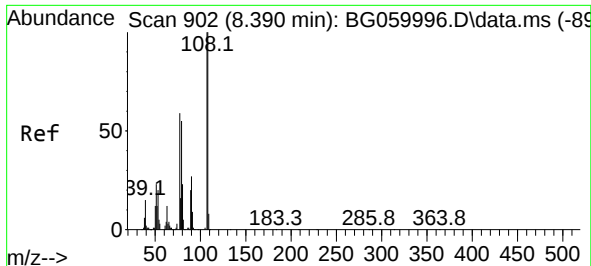
Tgt Ion: 79 Resp: 197164  
Ion Ratio Lower Upper  
79 100  
108 66.5 53.1 79.7  
77 67.8 52.8 79.2



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 50.663 ng  
RT: 8.487 min Scan# 919  
Delta R.T. 0.009 min  
Lab File: BG060046.D  
Acq: 15 Dec 2023 22:35

Tgt Ion: 45 Resp: 342373  
Ion Ratio Lower Upper  
45 100  
77 9.9 0.0 31.7  
79 7.5 0.0 28.7





#17

2-Methylphenol

Concen: 46.906 ng

RT: 8.393 min Scan# 90

Delta R.T. 0.003 min

Lab File: BG060046.D

Acq: 15 Dec 2023 22:35

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

Tgt Ion:107 Resp: 164967

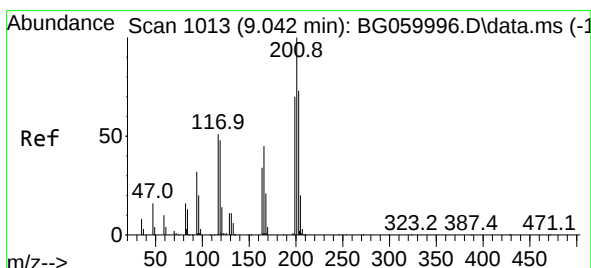
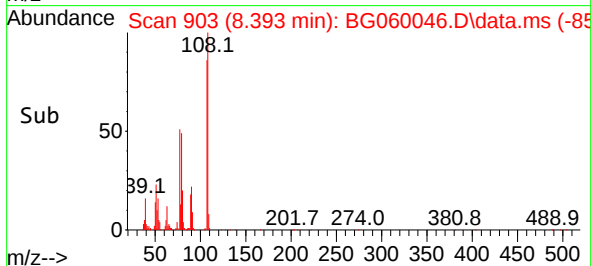
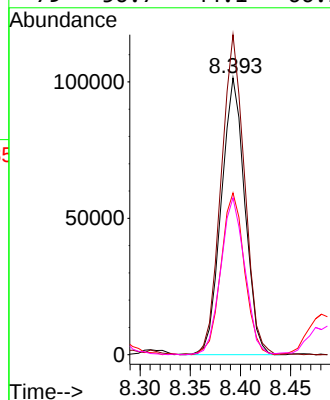
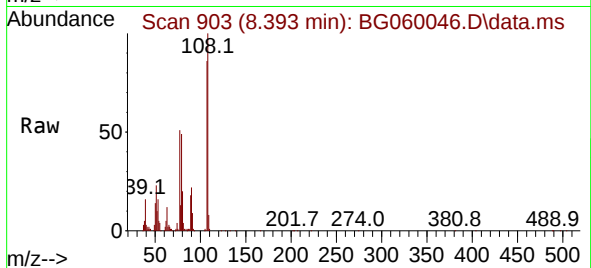
Ion Ratio Lower Upper

107 100

108 115.6 80.7 121.1

77 58.5 47.8 71.6

79 56.7 44.1 66.1



#18

Hexachloroethane

Concen: 45.849 ng

RT: 9.045 min Scan# 1014

Delta R.T. 0.003 min

Lab File: BG060046.D

Acq: 15 Dec 2023 22:35

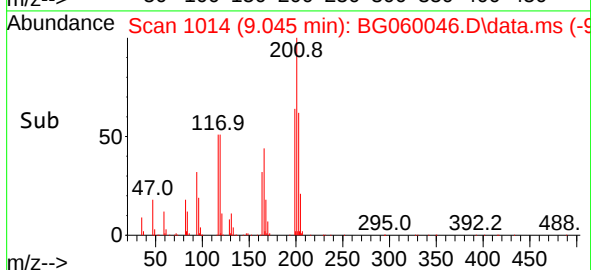
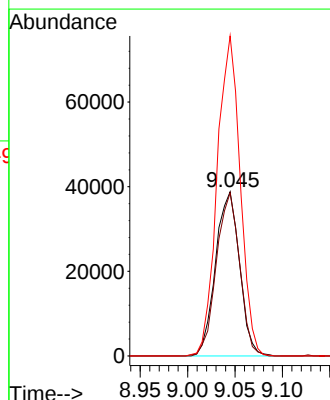
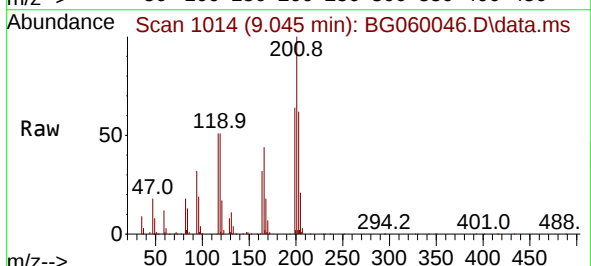
Tgt Ion:117 Resp: 68369

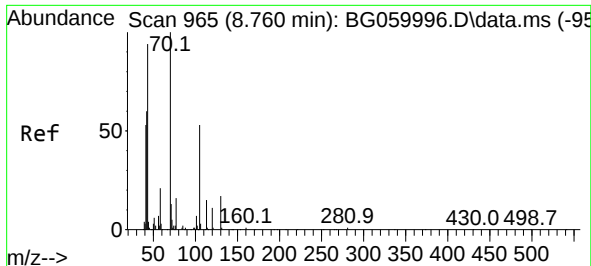
Ion Ratio Lower Upper

117 100

119 100.5 74.5 111.7

201 194.9 156.5 234.7

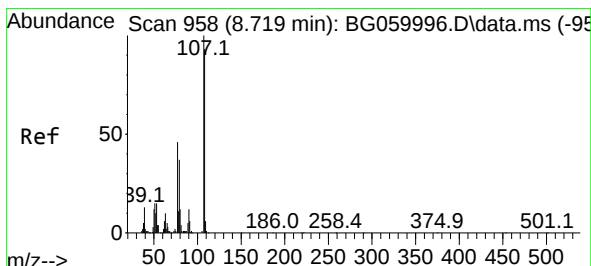
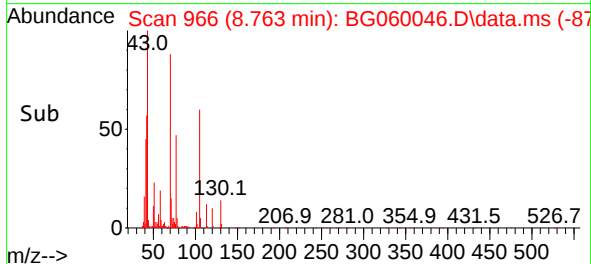
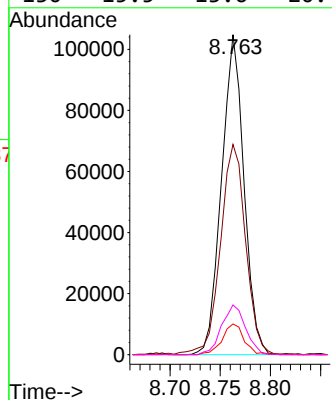
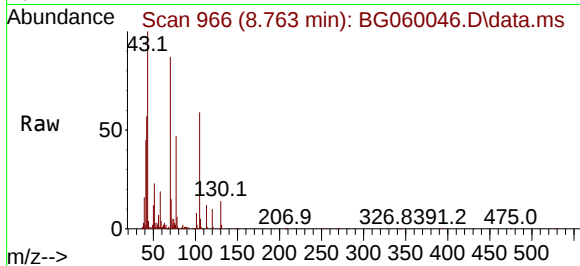




#19  
n-Nitroso-di-n-propylamine  
Concen: 47.986 ng  
RT: 8.763 min Scan# 90  
Delta R.T. 0.003 min  
Lab File: BG060046.D  
Acq: 15 Dec 2023 22:35

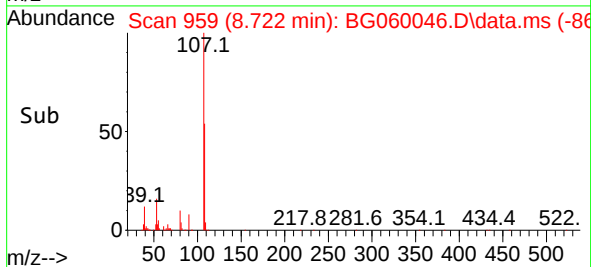
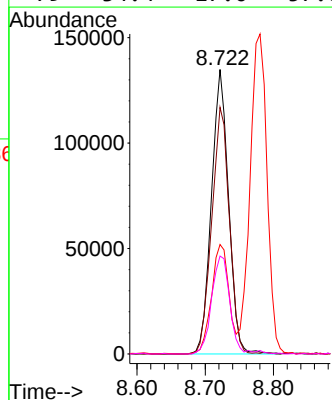
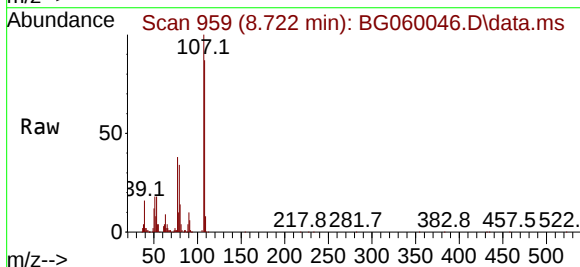
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

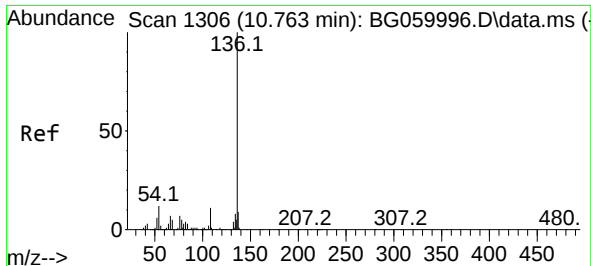
Tgt Ion: 70 Resp: 162572  
Ion Ratio Lower Upper  
70 100  
42 65.7 48.6 73.0  
101 9.6 5.7 8.5#  
130 15.5 13.6 20.4



#20  
3+4-Methylphenols  
Concen: 47.979 ng  
RT: 8.722 min Scan# 959  
Delta R.T. 0.003 min  
Lab File: BG060046.D  
Acq: 15 Dec 2023 22:35

Tgt Ion: 107 Resp: 235697  
Ion Ratio Lower Upper  
107 100  
108 86.7 72.8 112.8  
77 38.5 25.6 65.6  
79 34.4 17.0 57.0

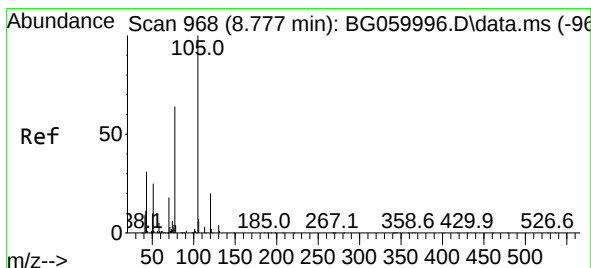
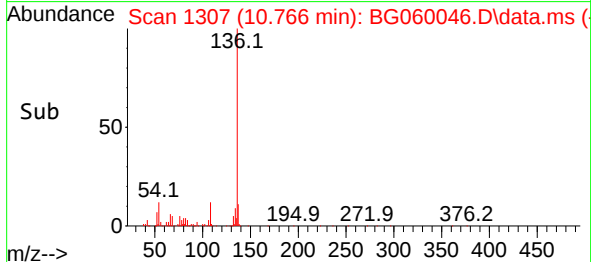
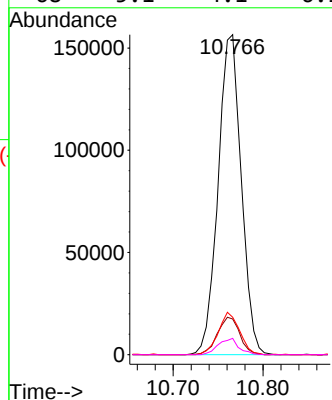
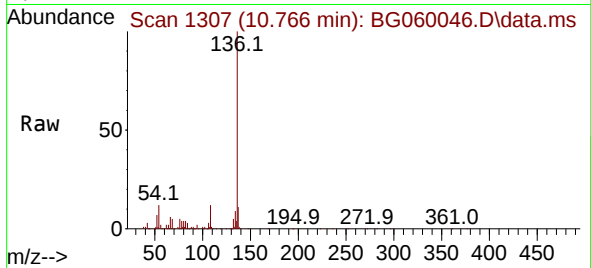




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.766 min Scan# 11  
Delta R.T. 0.003 min  
Lab File: BG060046.D  
Acq: 15 Dec 2023 22:35

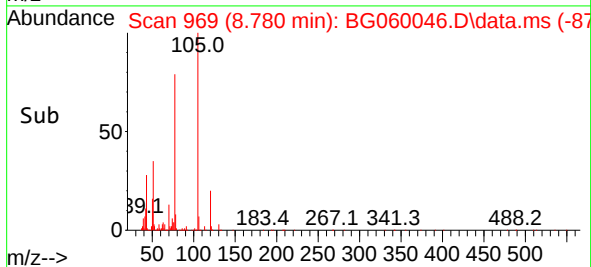
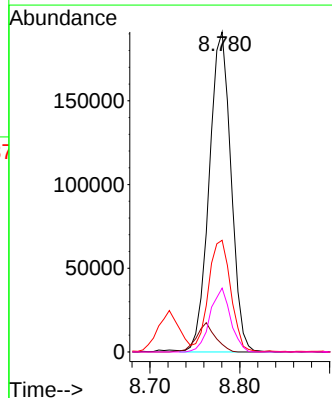
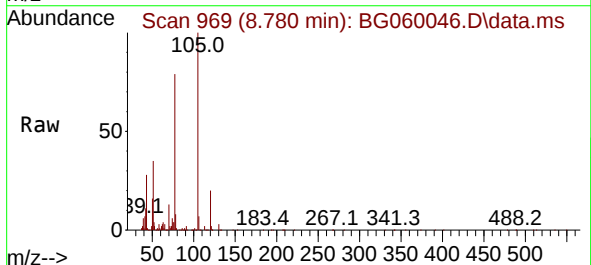
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

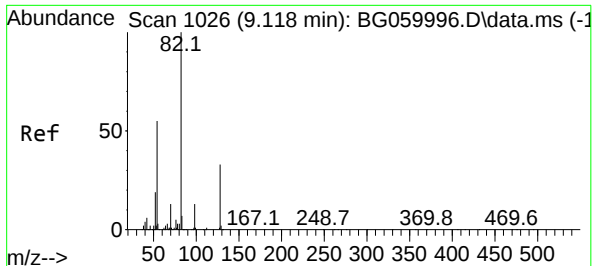
Tgt Ion:136 Resp: 280164  
Ion Ratio Lower Upper  
136 100  
137 11.2 7.3 10.9#  
54 11.7 9.6 14.4  
68 5.1 4.1 6.1



#22  
Acetophenone  
Concen: 39.407 ng  
RT: 8.780 min Scan# 969  
Delta R.T. 0.003 min  
Lab File: BG060046.D  
Acq: 15 Dec 2023 22:35

Tgt Ion:105 Resp: 321730  
Ion Ratio Lower Upper  
105 100  
71 2.4 2.1 3.1  
51 34.9 25.4 38.0  
120 20.0 16.0 24.0





#23

Nitrobenzene-d5

Concen: 79.465 ng

RT: 9.121 min Scan# 1027

Delta R.T. 0.003 min

Lab File: BG060046.D

Acq: 15 Dec 2023 22:35

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

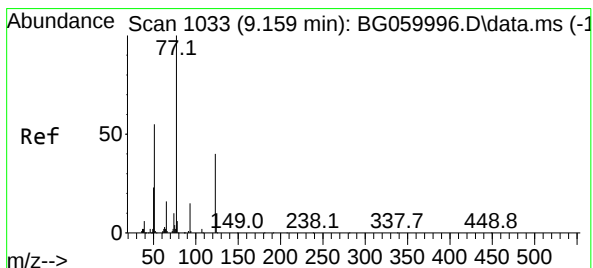
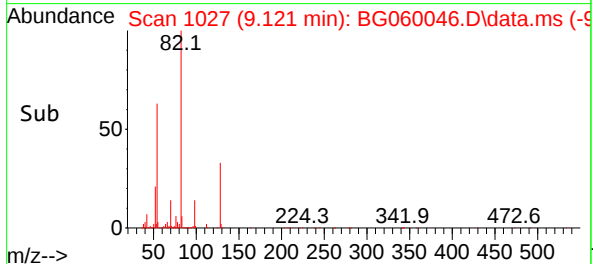
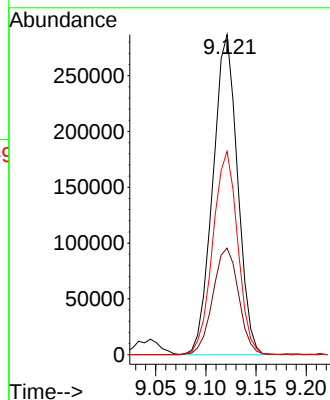
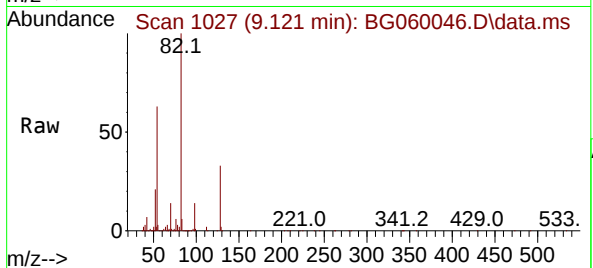
Tgt Ion: 82 Resp: 490290

Ion Ratio Lower Upper

82 100

128 33.3 26.3 39.5

54 63.5 44.3 66.5



#24

Nitrobenzene

Concen: 39.546 ng

RT: 9.162 min Scan# 1034

Delta R.T. 0.003 min

Lab File: BG060046.D

Acq: 15 Dec 2023 22:35

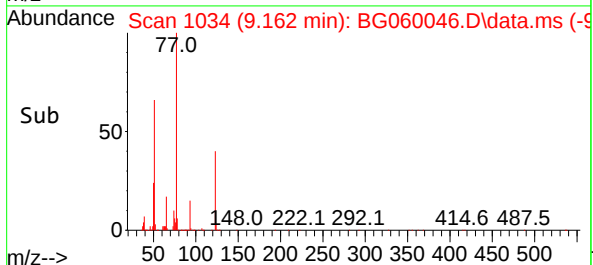
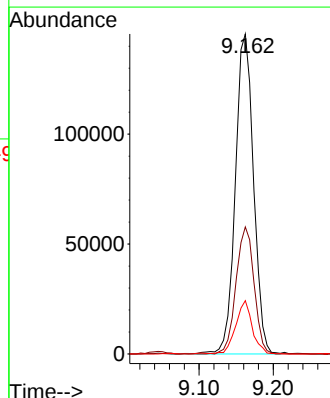
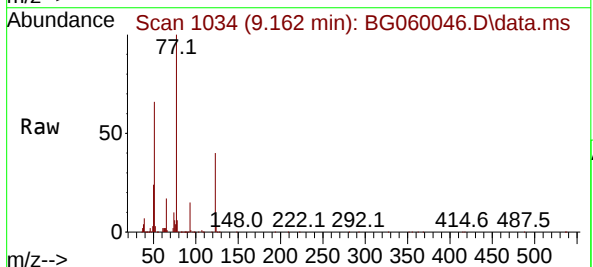
Tgt Ion: 77 Resp: 247714

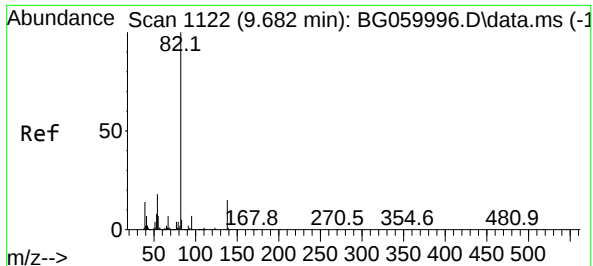
Ion Ratio Lower Upper

77 100

123 39.7 32.1 48.1

65 16.6 13.0 19.4

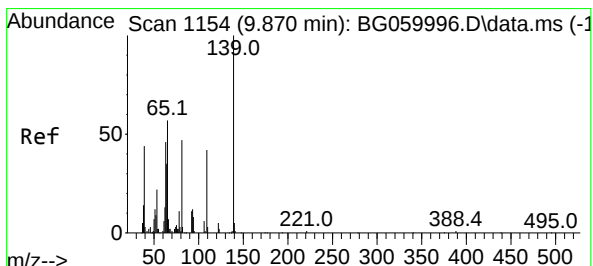
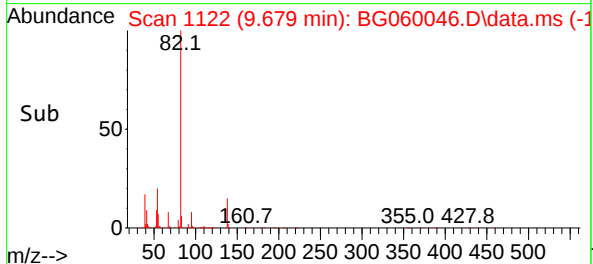
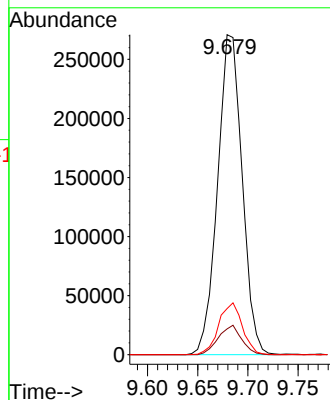
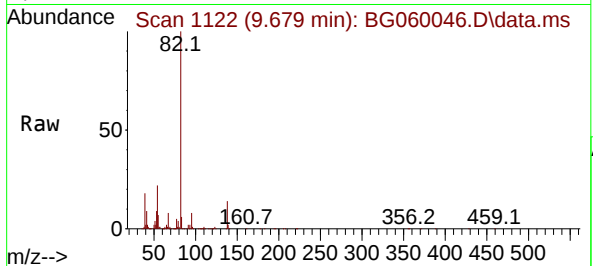




#25  
Isophorone  
Concen: 39.038 ng  
RT: 9.679 min Scan# 1122  
Delta R.T. -0.003 min  
Lab File: BG060046.D  
Acq: 15 Dec 2023 22:35

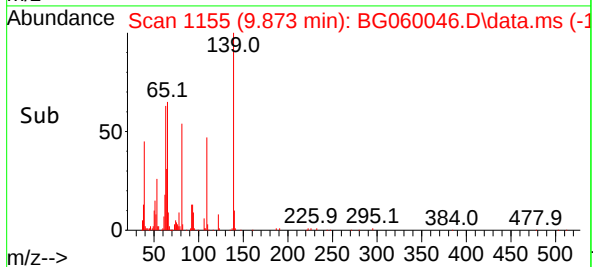
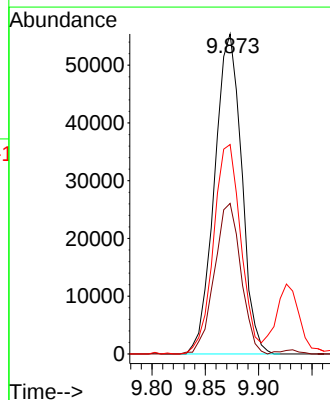
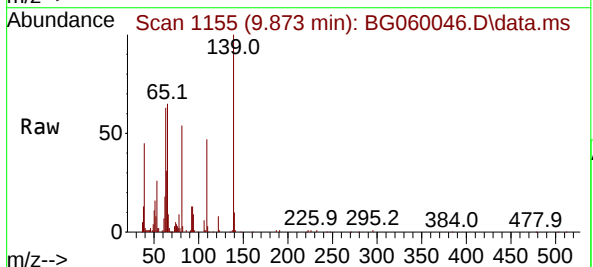
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

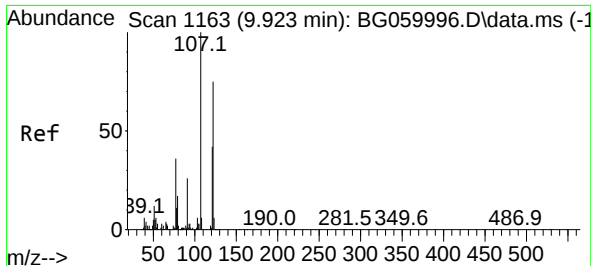
Tgt Ion: 82 Resp: 460992  
Ion Ratio Lower Upper  
82 100  
95 8.1 5.8 8.8  
138 14.4 11.6 17.4



#26  
2-Nitrophenol  
Concen: 42.453 ng  
RT: 9.873 min Scan# 1155  
Delta R.T. 0.003 min  
Lab File: BG060046.D  
Acq: 15 Dec 2023 22:35

Tgt Ion:139 Resp: 97798  
Ion Ratio Lower Upper  
139 100  
109 47.0 33.8 50.6  
65 65.5 45.2 67.8





#27

2,4-Dimethylphenol

Concen: 41.150 ng

RT: 9.926 min Scan# 1163

Delta R.T. 0.003 min

Lab File: BG060046.D

Acq: 15 Dec 2023 22:35

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

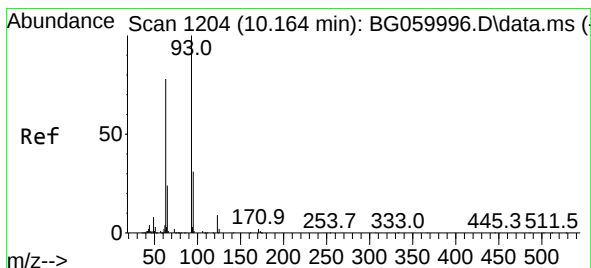
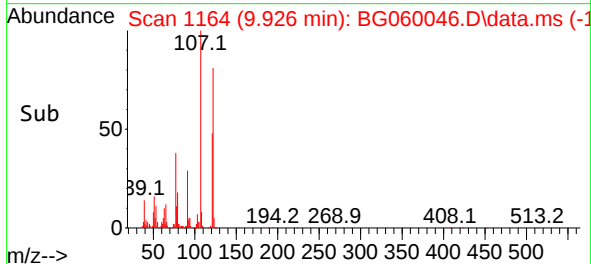
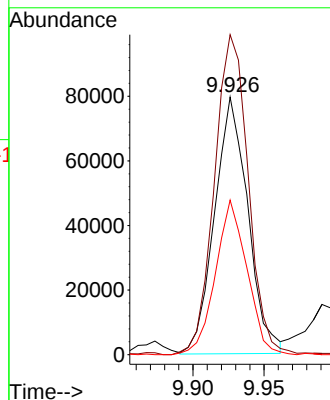
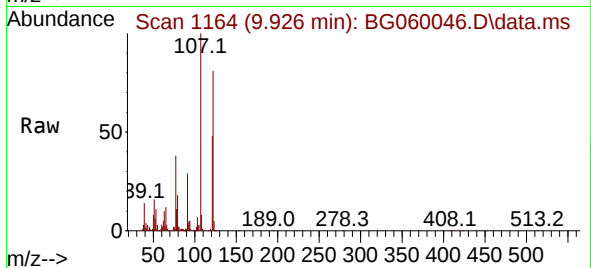
Tgt Ion:122 Resp: 129940

Ion Ratio Lower Upper

122 100

107 124.2 105.9 158.9

121 60.0 44.5 66.7



#28

bis(2-Chloroethoxy)methane

Concen: 37.258 ng

RT: 10.167 min Scan# 1205

Delta R.T. 0.003 min

Lab File: BG060046.D

Acq: 15 Dec 2023 22:35

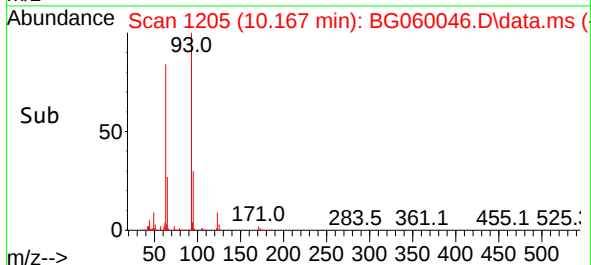
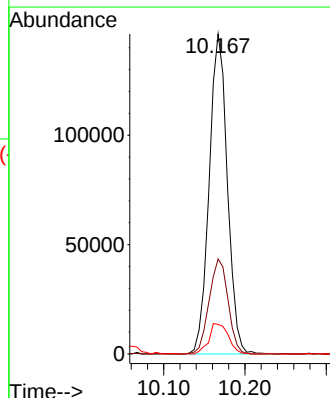
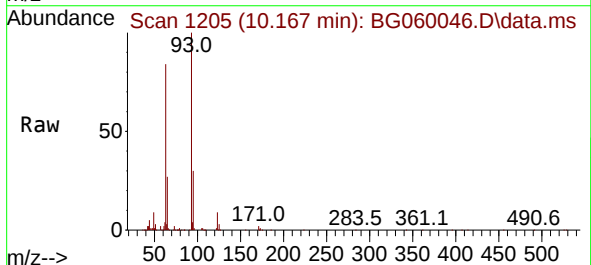
Tgt Ion: 93 Resp: 227160

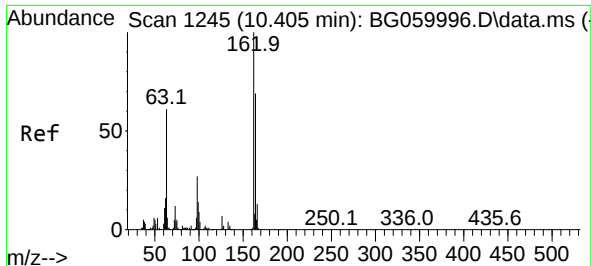
Ion Ratio Lower Upper

93 100

95 29.7 24.7 37.1

123 9.2 7.5 11.3





#29

2,4-Dichlorophenol

Concen: 40.904 ng

RT: 10.408 min Scan# 1

Delta R.T. 0.003 min

Lab File: BG060046.D

Acq: 15 Dec 2023 22:35

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

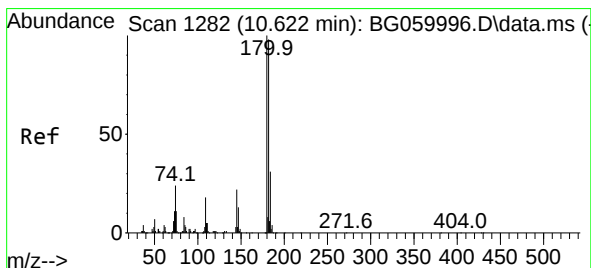
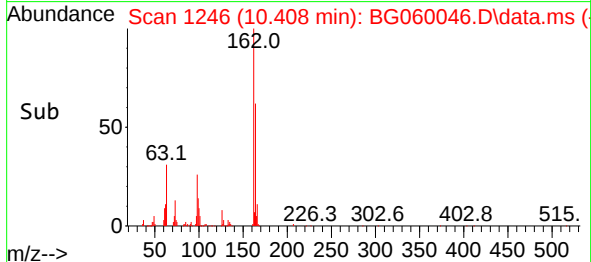
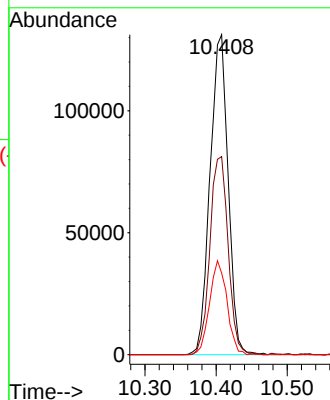
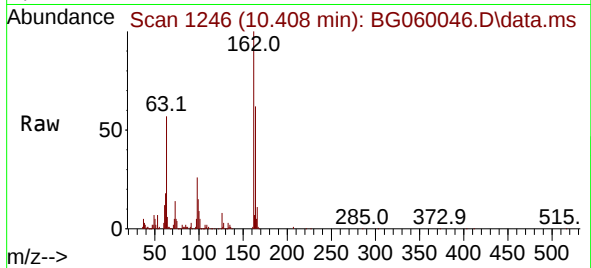
Tgt Ion:162 Resp: 231982

Ion Ratio Lower Upper

162 100

164 61.9 48.8 88.8

98 25.5 7.2 47.2



#30

1,2,4-Trichlorobenzene

Concen: 38.728 ng

RT: 10.625 min Scan# 1283

Delta R.T. 0.003 min

Lab File: BG060046.D

Acq: 15 Dec 2023 22:35

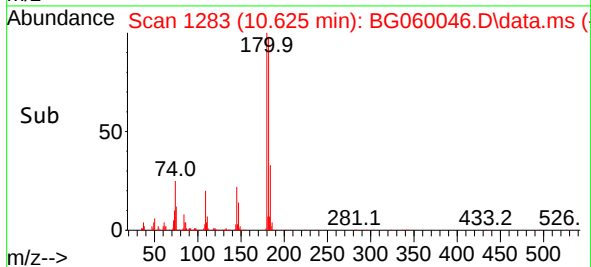
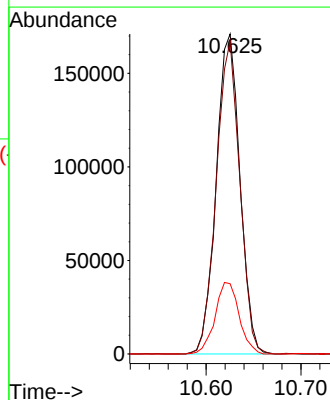
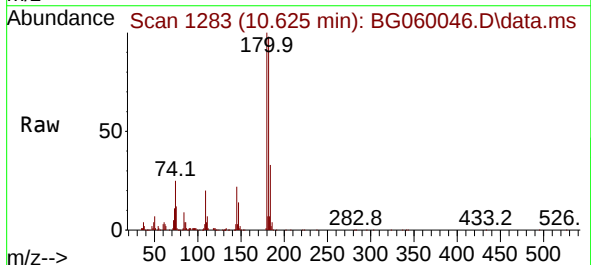
Tgt Ion:180 Resp: 297304

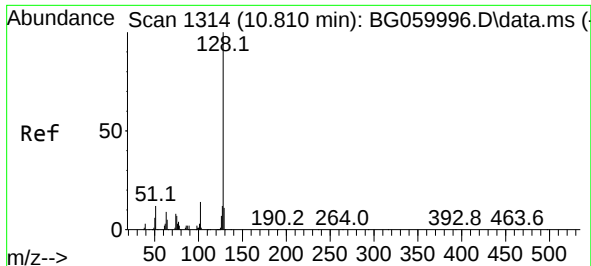
Ion Ratio Lower Upper

180 100

182 97.8 78.2 117.4

145 22.0 17.2 25.8

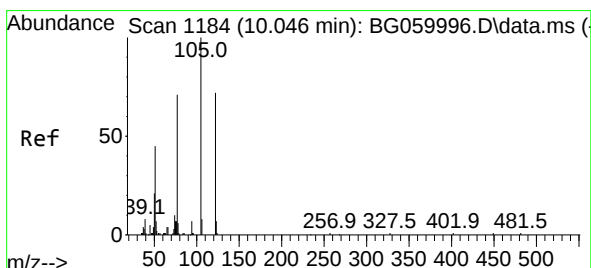
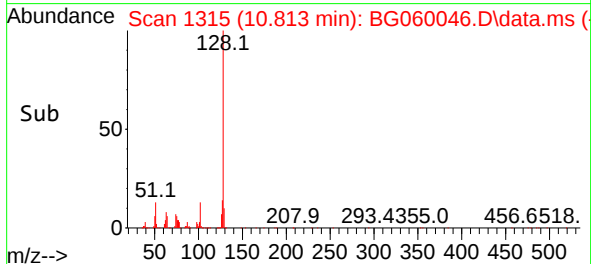
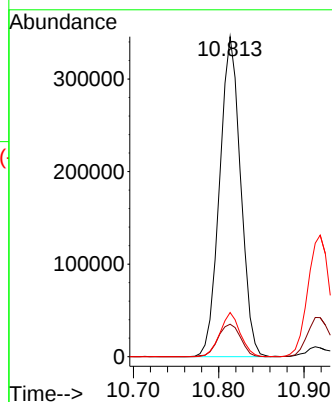
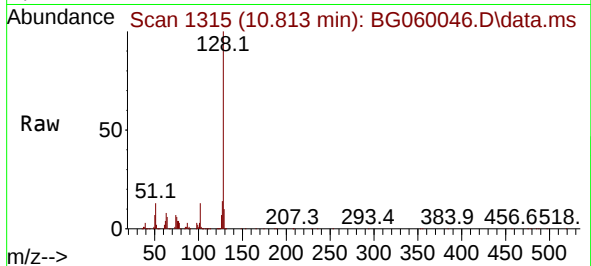




#31  
Naphthalene  
Concen: 40.614 ng  
RT: 10.813 min Scan# 11  
Delta R.T. 0.003 min  
Lab File: BG060046.D  
Acq: 15 Dec 2023 22:35

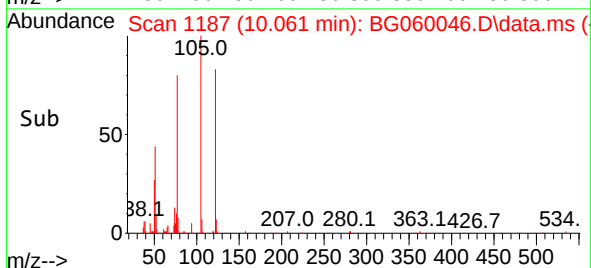
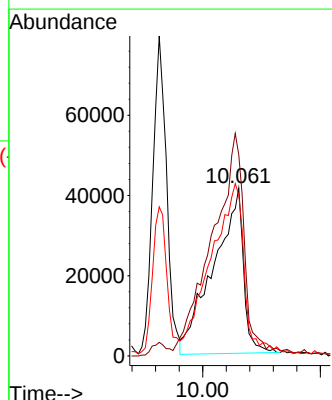
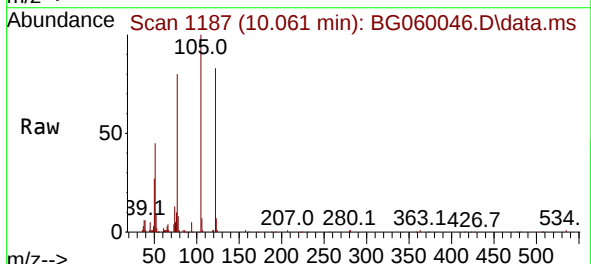
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

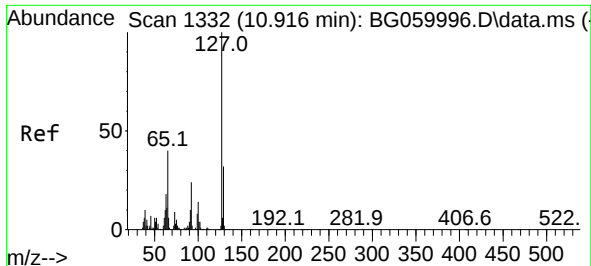
Tgt Ion:128 Resp: 592339  
Ion Ratio Lower Upper  
128 100  
129 10.2 9.2 13.8  
127 13.8 9.7 14.5



#32  
Benzoic acid  
Concen: 50.420 ng  
RT: 10.061 min Scan# 1187  
Delta R.T. 0.015 min  
Lab File: BG060046.D  
Acq: 15 Dec 2023 22:35

Tgt Ion:122 Resp: 144826  
Ion Ratio Lower Upper  
122 100  
105 119.9 106.2 146.2  
77 95.9 80.4 120.4

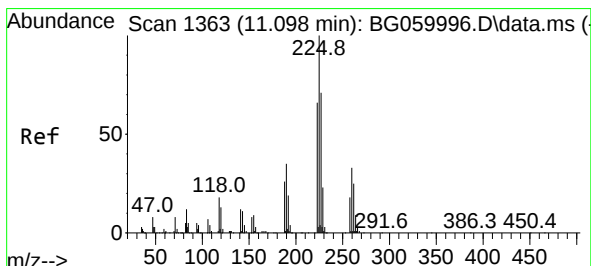
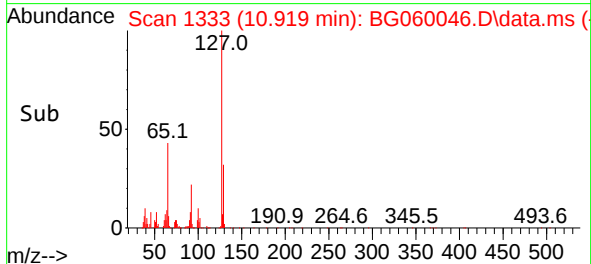
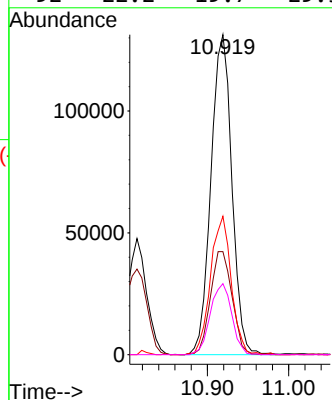
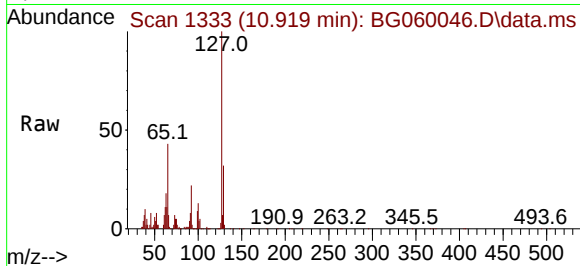




#33  
4-Chloroaniline  
Concen: 42.324 ng  
RT: 10.919 min Scan# 1333  
Delta R.T. 0.003 min  
Lab File: BG060046.D  
Acq: 15 Dec 2023 22:35

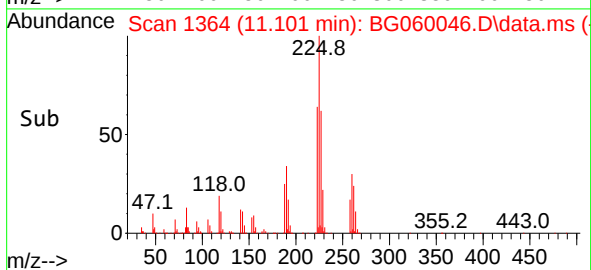
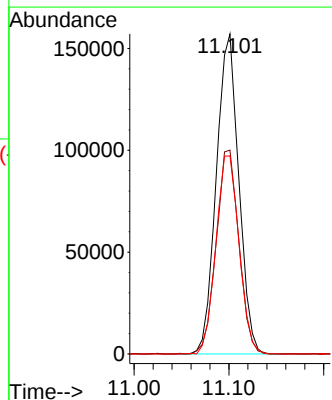
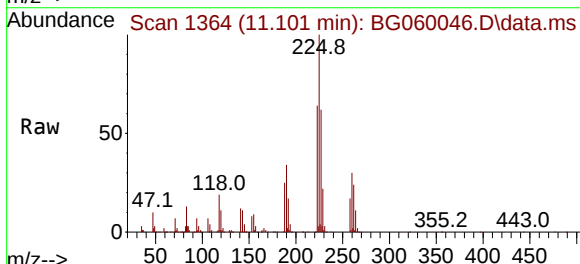
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

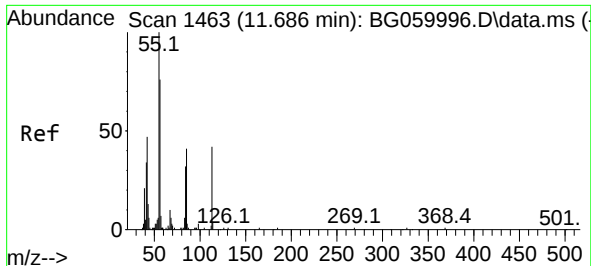
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 127   | Resp: | 234875 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 32.2  | 25.7  | 38.5   |
| 65       | 43.3  | 32.3  | 48.5   |
| 92       | 22.2  | 19.7  | 29.5   |



#34  
Hexachlorobutadiene  
Concen: 36.792 ng  
RT: 11.101 min Scan# 1364  
Delta R.T. 0.003 min  
Lab File: BG060046.D  
Acq: 15 Dec 2023 22:35

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 258511 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 63.7  | 52.4  | 78.6   |
| 227      | 61.9  | 56.6  | 85.0   |

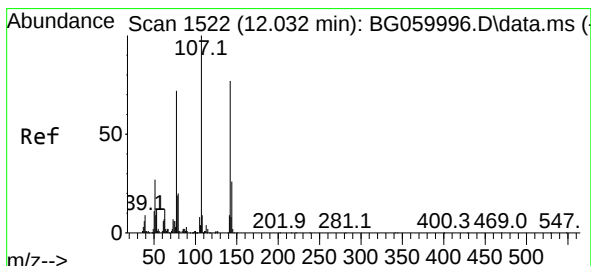
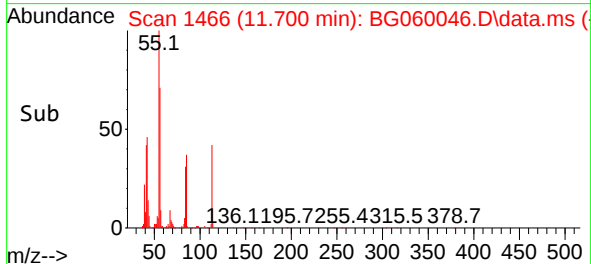
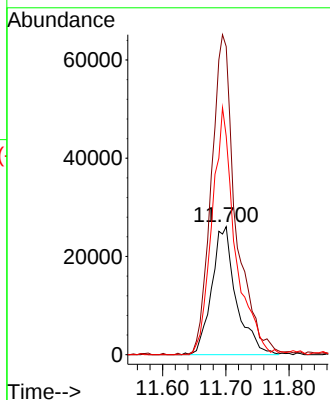
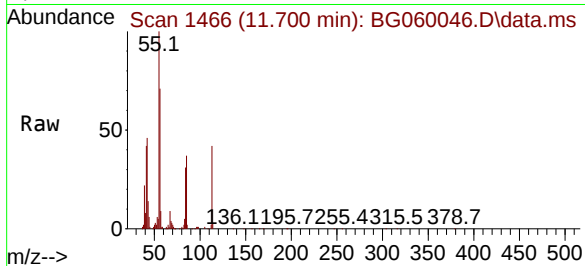




#35  
Caprolactam  
Concen: 48.643 ng  
RT: 11.700 min Scan# 1466  
Delta R.T. 0.015 min  
Lab File: BG060046.D  
Acq: 15 Dec 2023 22:35

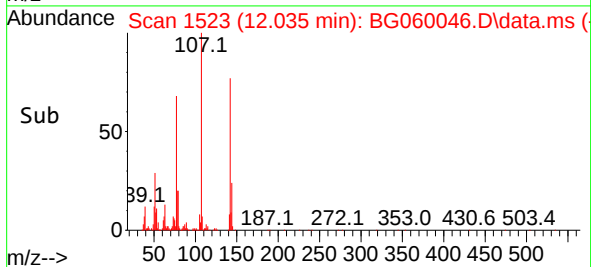
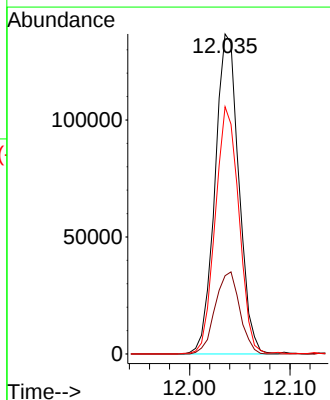
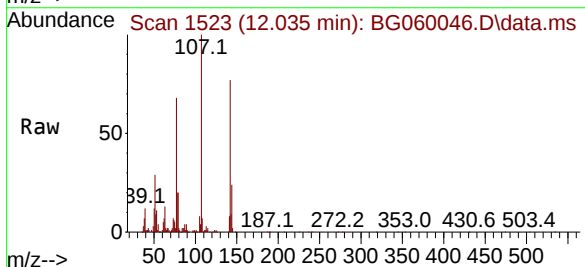
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

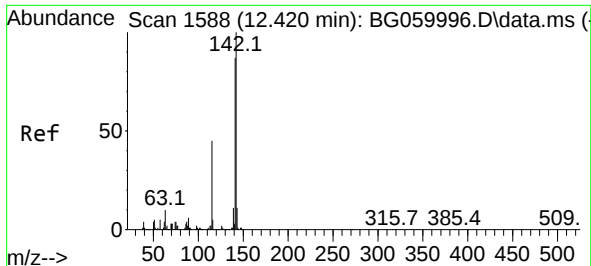
Tgt Ion:113 Resp: 70081  
Ion Ratio Lower Upper  
113 100  
55 240.7 219.5 259.5  
56 170.7 161.6 201.6



#36  
4-Chloro-3-methylphenol  
Concen: 43.690 ng  
RT: 12.035 min Scan# 1523  
Delta R.T. 0.003 min  
Lab File: BG060046.D  
Acq: 15 Dec 2023 22:35

Tgt Ion:107 Resp: 225355  
Ion Ratio Lower Upper  
107 100  
144 24.5 20.4 30.6  
142 77.2 61.4 92.0





#37

2-Methylnaphthalene

Concen: 40.442 ng

RT: 12.417 min Scan# 1

Delta R.T. -0.003 min

Lab File: BG060046.D

Acq: 15 Dec 2023 22:35

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

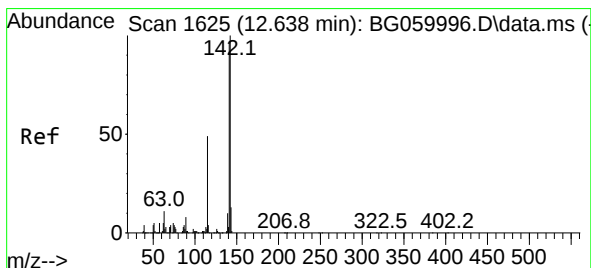
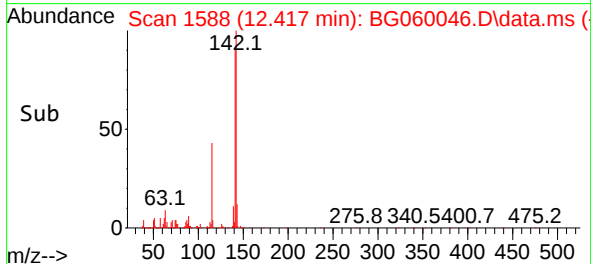
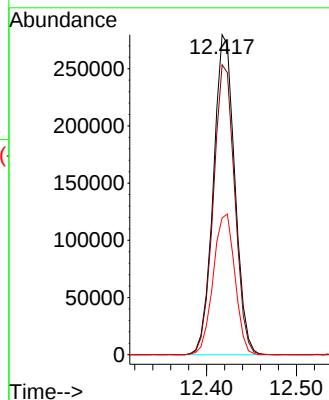
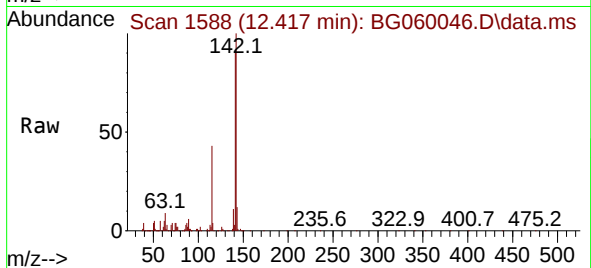
Tgt Ion:142 Resp: 462618

Ion Ratio Lower Upper

142 100

141 90.6 69.9 104.9

115 42.7 36.1 54.1



#38

1-Methylnaphthalene

Concen: 40.749 ng

RT: 12.640 min Scan# 1626

Delta R.T. 0.003 min

Lab File: BG060046.D

Acq: 15 Dec 2023 22:35

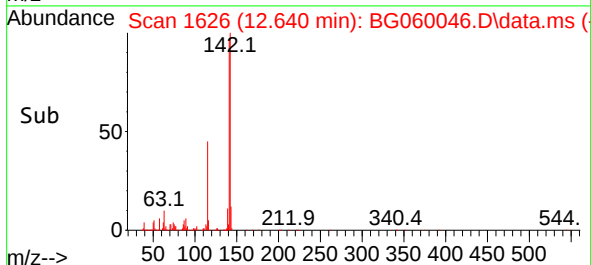
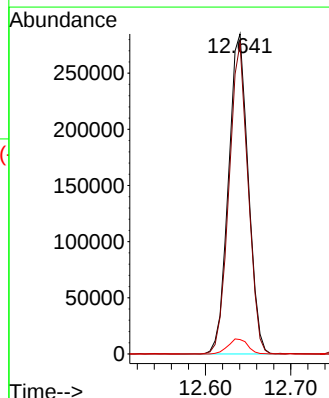
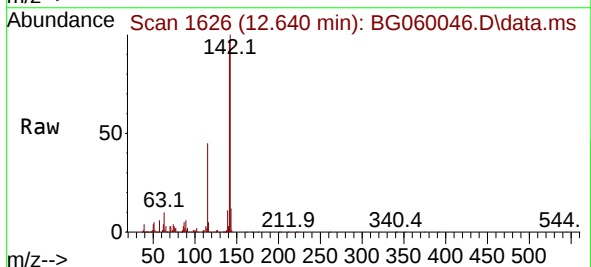
Tgt Ion:142 Resp: 460445

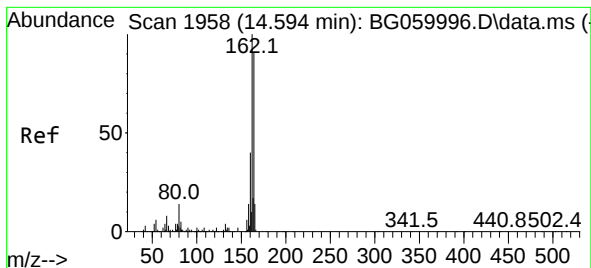
Ion Ratio Lower Upper

142 100

141 97.0 76.9 115.3

116 4.5 3.5 5.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.591 min Scan# 1958

Delta R.T. -0.003 min

Lab File: BG060046.D

Acq: 15 Dec 2023 22:35

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

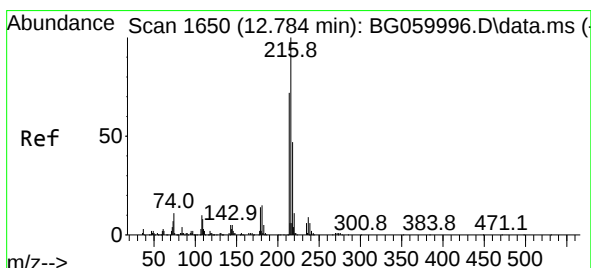
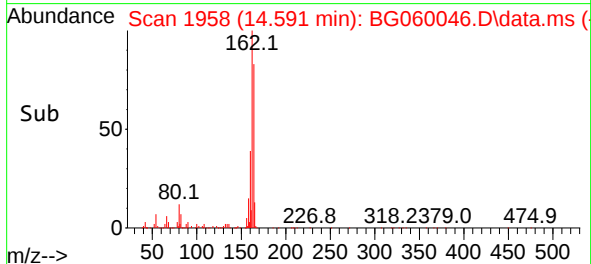
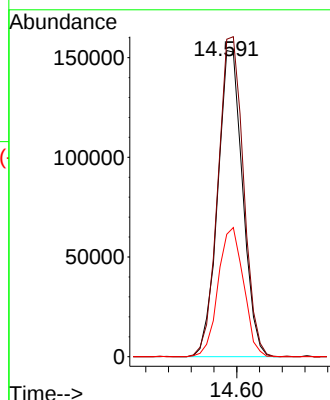
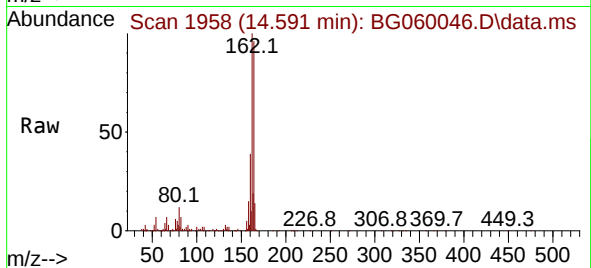
Tgt Ion:164 Resp: 233898

Ion Ratio Lower Upper

164 100

162 103.7 88.1 132.1

160 40.0 35.4 53.0



#40

1,2,4,5-Tetrachlorobenzene

Concen: 38.168 ng

RT: 12.782 min Scan# 1650

Delta R.T. -0.003 min

Lab File: BG060046.D

Acq: 15 Dec 2023 22:35

Tgt Ion:216 Resp: 465411

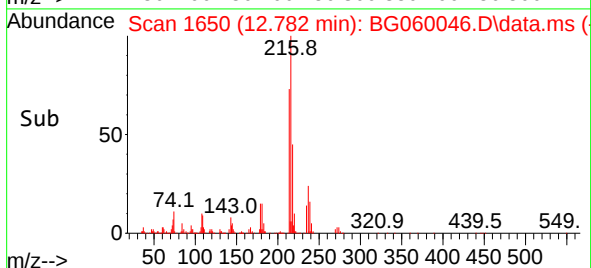
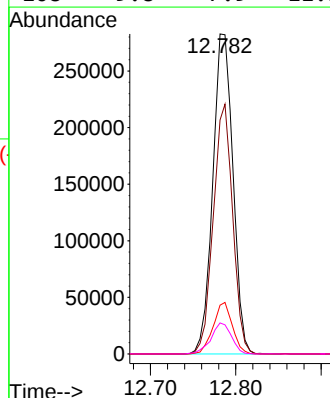
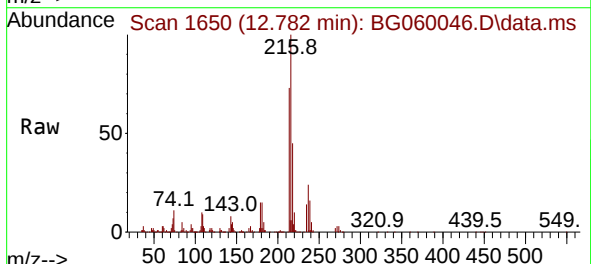
Ion Ratio Lower Upper

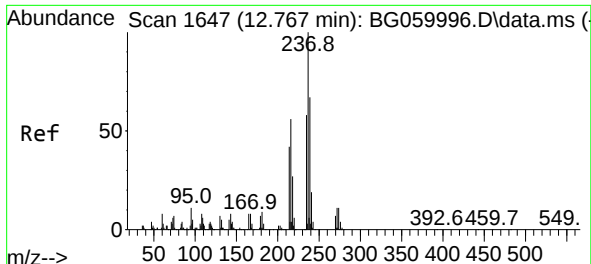
216 100

214 74.8 60.3 90.5

179 15.3 11.9 17.9

108 9.8 7.9 11.9

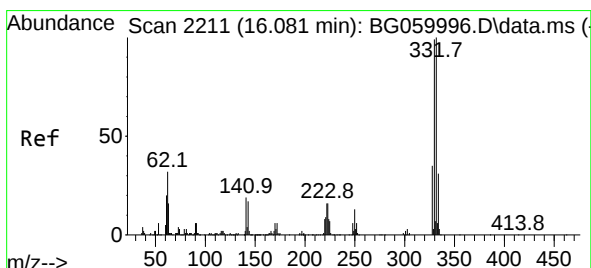
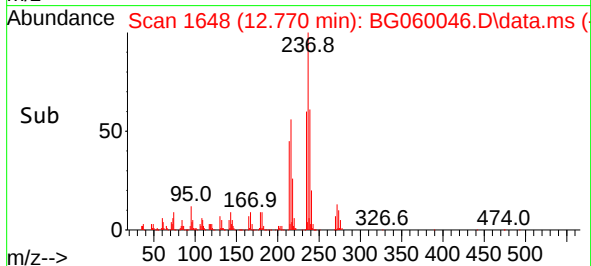
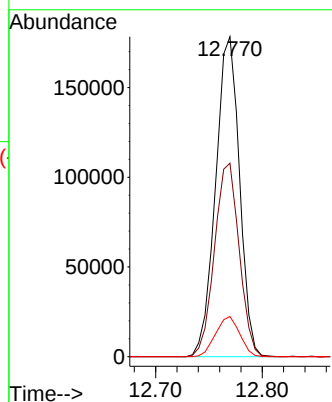
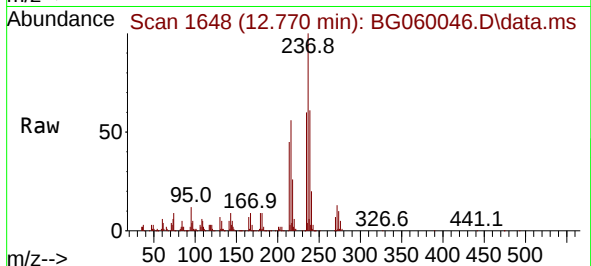




#41  
Hexachlorocyclopentadiene  
Concen: 54.992 ng  
RT: 12.770 min Scan# 1  
Delta R.T. 0.003 min  
Lab File: BG060046.D  
Acq: 15 Dec 2023 22:35

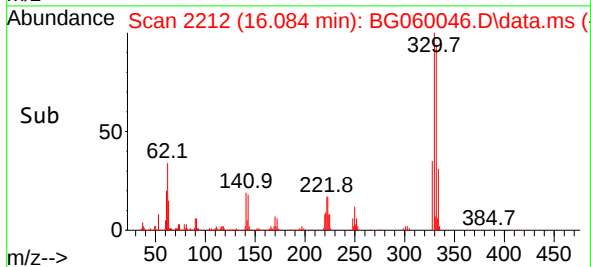
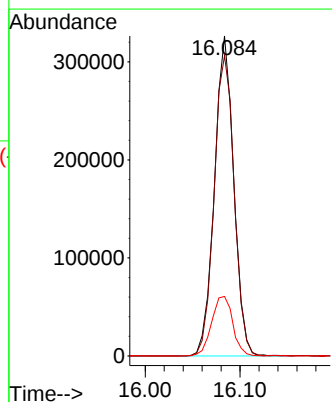
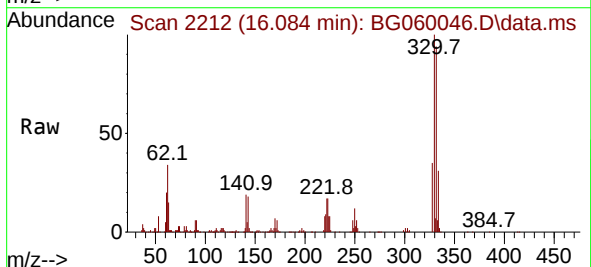
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

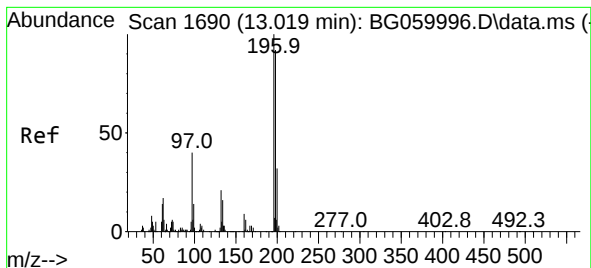
Tgt Ion:237 Resp: 277058  
Ion Ratio Lower Upper  
237 100  
235 60.4 38.5 78.5  
272 12.6 0.0 31.2



#42  
2,4,6-Tribromophenol  
Concen: 84.490 ng  
RT: 16.084 min Scan# 2212  
Delta R.T. 0.003 min  
Lab File: BG060046.D  
Acq: 15 Dec 2023 22:35

Tgt Ion:330 Resp: 460546  
Ion Ratio Lower Upper  
330 100  
332 97.6 76.2 114.4  
141 20.4 14.3 21.5





#43

2,4,6-Trichlorophenol

Concen: 39.611 ng

RT: 13.022 min Scan# 1

Delta R.T. 0.003 min

Lab File: BG060046.D

Acq: 15 Dec 2023 22:35

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

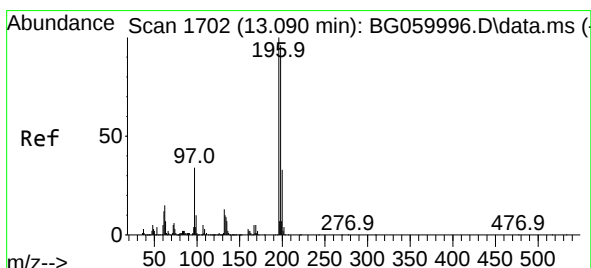
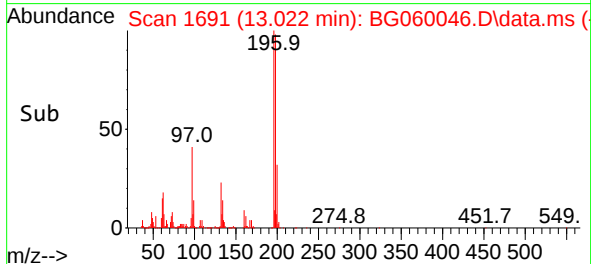
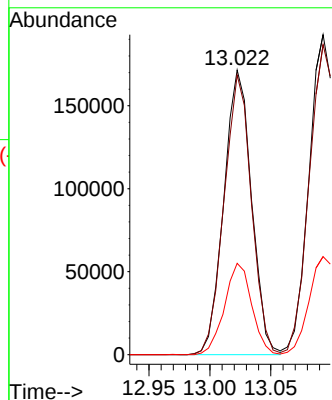
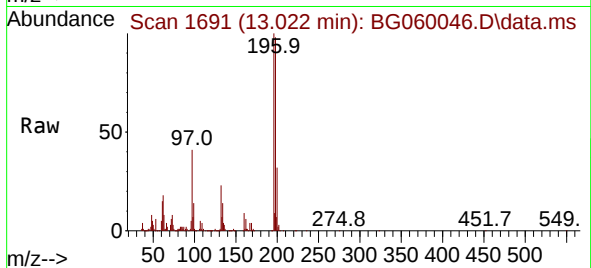
Tgt Ion:196 Resp: 270819

Ion Ratio Lower Upper

196 100

198 98.2 73.4 110.0

200 32.1 26.1 39.1



#44

2,4,5-Trichlorophenol

Concen: 41.542 ng

RT: 13.093 min Scan# 1703

Delta R.T. 0.003 min

Lab File: BG060046.D

Acq: 15 Dec 2023 22:35

Tgt Ion:196 Resp: 308934

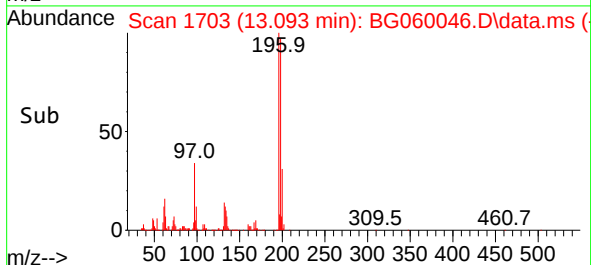
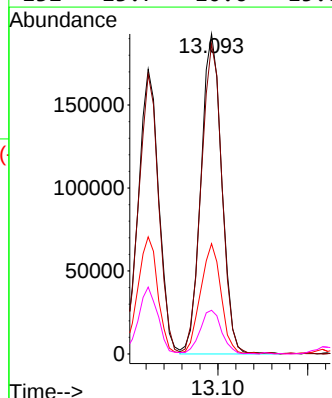
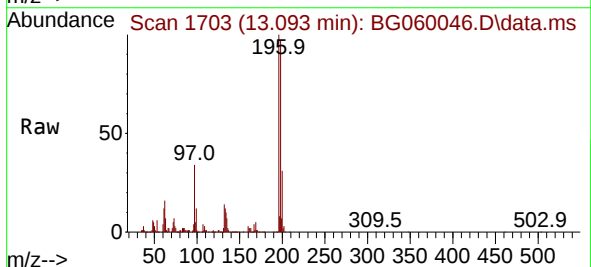
Ion Ratio Lower Upper

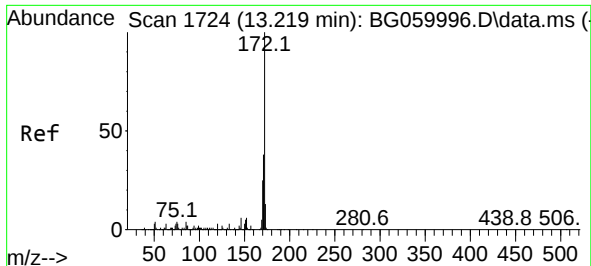
196 100

198 96.9 76.4 114.6

97 34.5 27.0 40.4

132 13.7 10.6 15.8

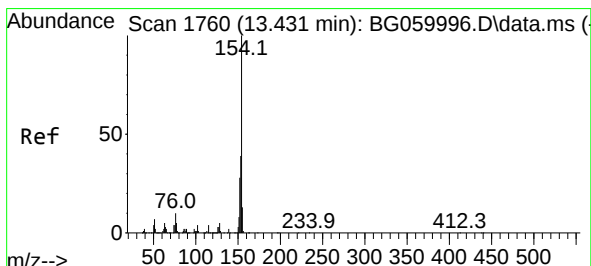
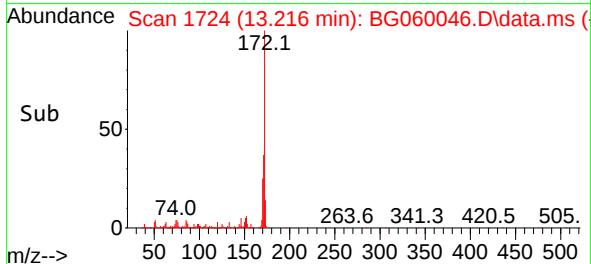
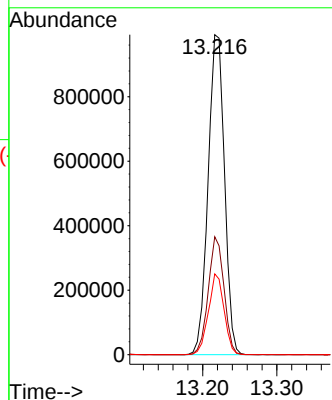
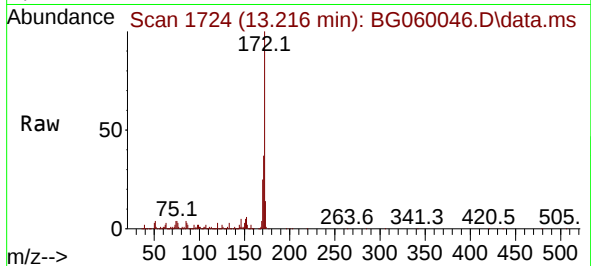




#45  
2-Fluorobiphenyl  
Concen: 79.863 ng  
RT: 13.216 min Scan# 1724  
Delta R.T. -0.003 min  
Lab File: BG060046.D  
Acq: 15 Dec 2023 22:35

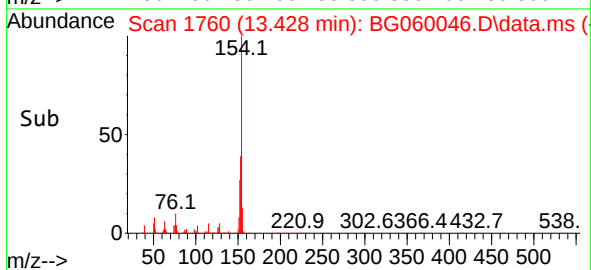
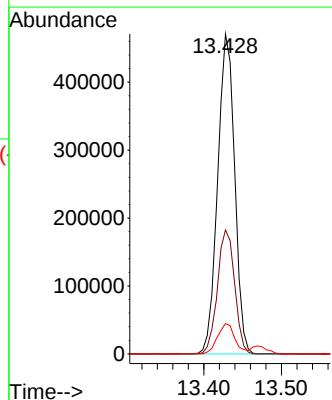
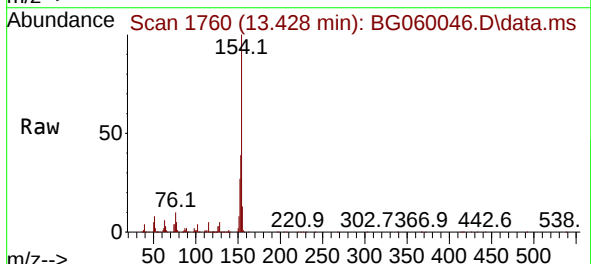
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

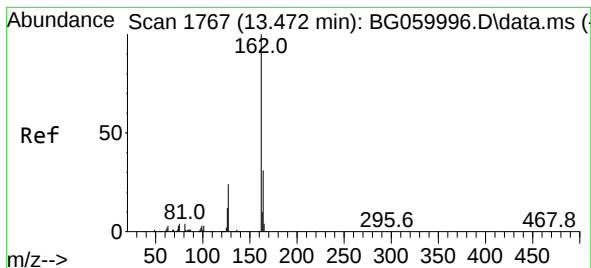
Tgt Ion:172 Resp: 1526248  
Ion Ratio Lower Upper  
172 100  
171 36.8 30.1 45.1  
170 25.2 20.0 30.0



#46  
1,1'-Biphenyl  
Concen: 41.411 ng  
RT: 13.428 min Scan# 1760  
Delta R.T. -0.003 min  
Lab File: BG060046.D  
Acq: 15 Dec 2023 22:35

Tgt Ion:154 Resp: 718317  
Ion Ratio Lower Upper  
154 100  
153 38.8 19.2 59.2  
76 9.5 0.0 29.9

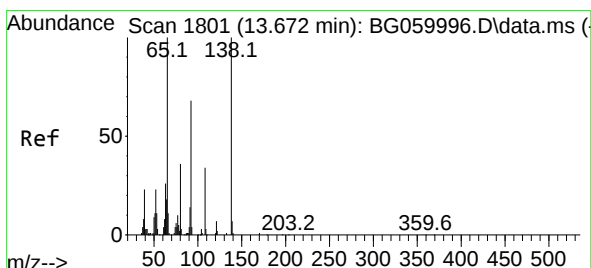
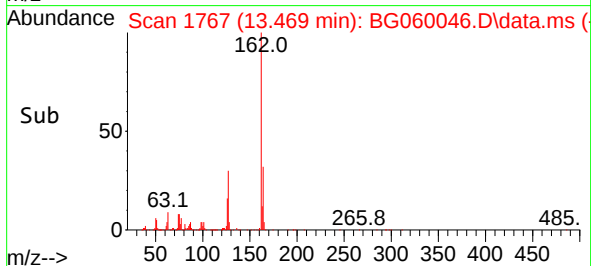
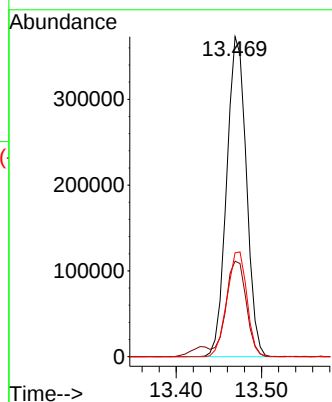
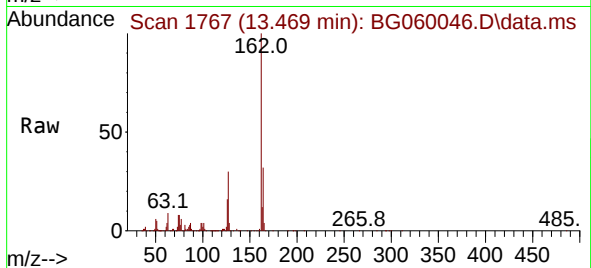




#47  
2-Chloronaphthalene  
Concen: 39.808 ng  
RT: 13.469 min Scan# 1767  
Delta R.T. -0.003 min  
Lab File: BG060046.D  
Acq: 15 Dec 2023 22:35

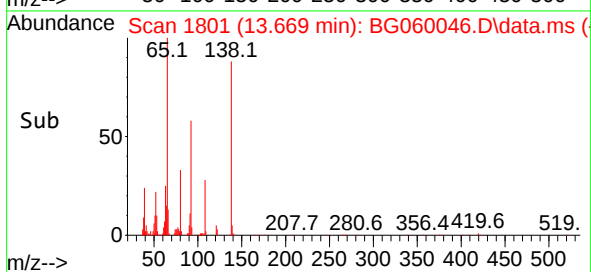
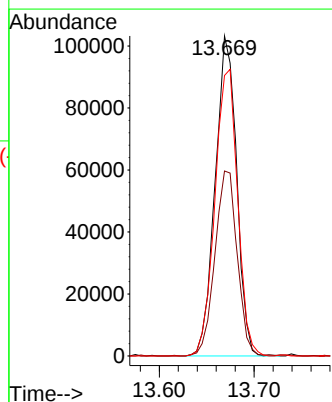
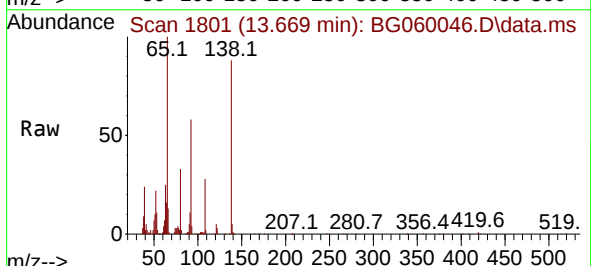
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

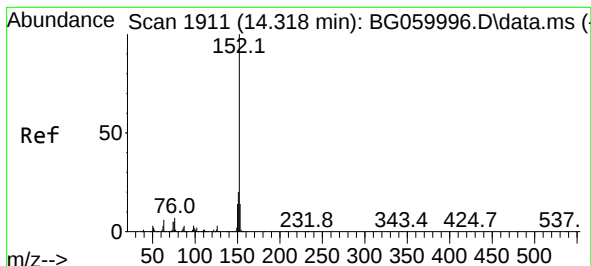
Tgt Ion:162 Resp: 598006  
Ion Ratio Lower Upper  
162 100  
127 29.9 21.8 32.6  
164 32.5 25.2 37.8



#48  
2-Nitroaniline  
Concen: 49.992 ng  
RT: 13.669 min Scan# 1801  
Delta R.T. -0.003 min  
Lab File: BG060046.D  
Acq: 15 Dec 2023 22:35

Tgt Ion: 65 Resp: 162114  
Ion Ratio Lower Upper  
65 100  
92 57.8 54.6 81.8  
138 87.7 80.2 120.2





#49

Acenaphthylene

Concen: 42.443 ng

RT: 14.315 min Scan# 1911

Delta R.T. -0.003 min

Lab File: BG060046.D

Acq: 15 Dec 2023 22:35

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

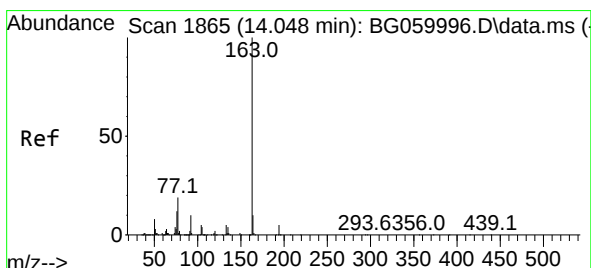
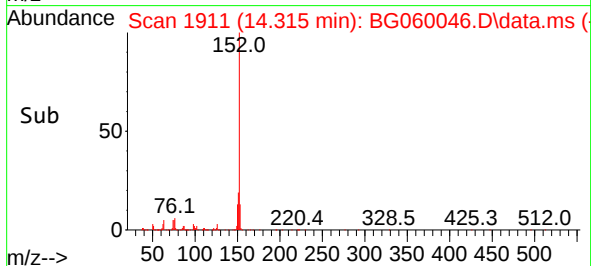
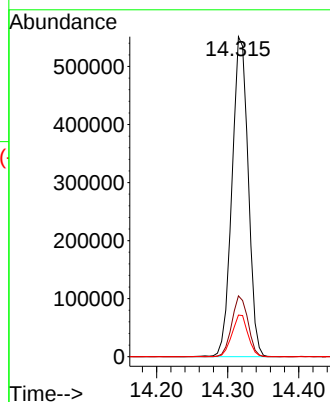
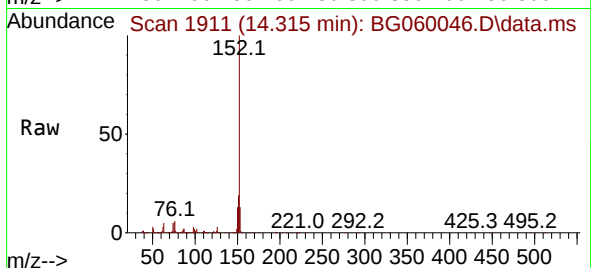
Tgt Ion:152 Resp: 872150

Ion Ratio Lower Upper

152 100

151 19.0 15.8 23.8

153 13.0 11.0 16.4



#50

Dimethylphthalate

Concen: 41.974 ng

RT: 14.051 min Scan# 1866

Delta R.T. 0.003 min

Lab File: BG060046.D

Acq: 15 Dec 2023 22:35

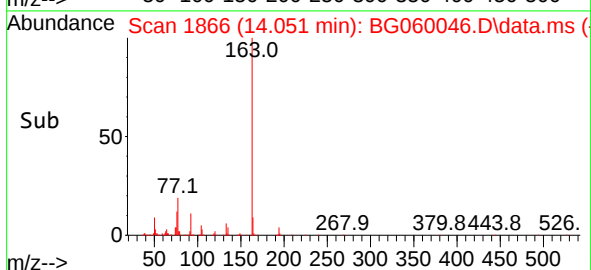
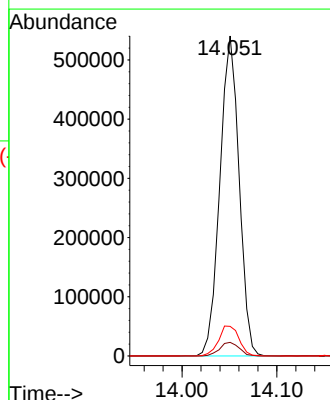
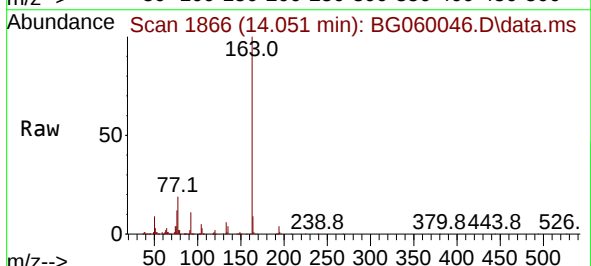
Tgt Ion:163 Resp: 762069

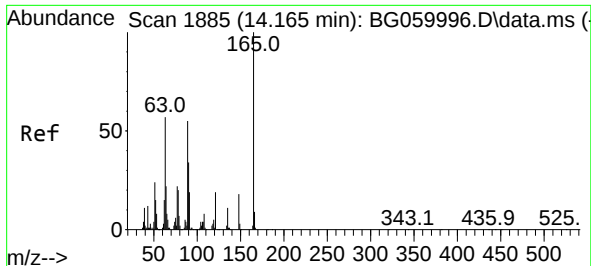
Ion Ratio Lower Upper

163 100

194 4.3 3.7 5.5

164 9.3 8.2 12.4

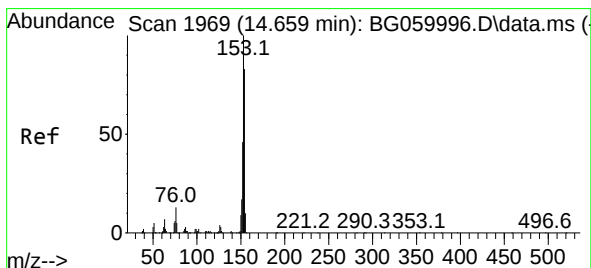
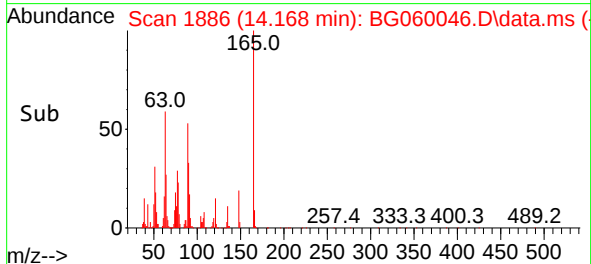
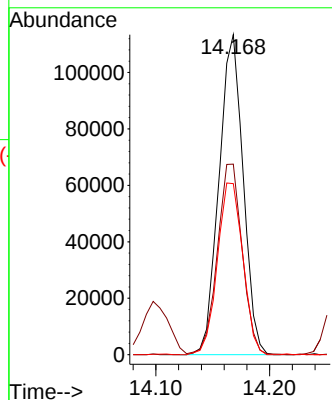
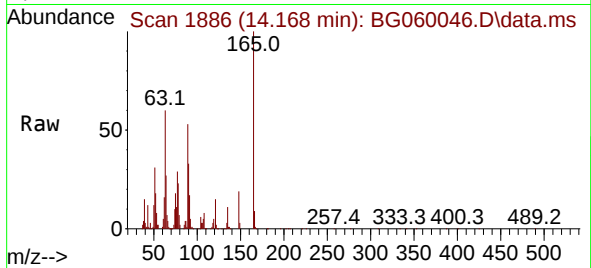




#51  
2,6-Dinitrotoluene  
Concen: 44.500 ng  
RT: 14.168 min Scan# 1885  
Delta R.T. 0.003 min  
Lab File: BG060046.D  
Acq: 15 Dec 2023 22:35

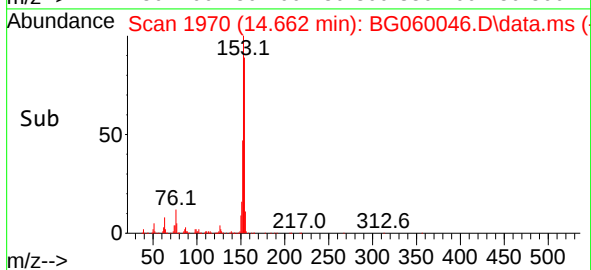
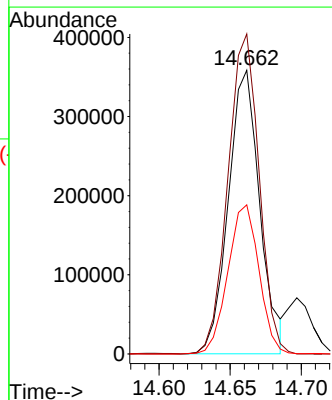
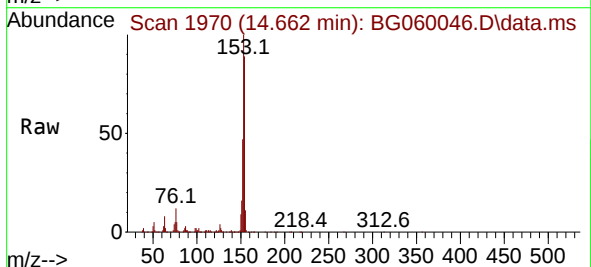
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

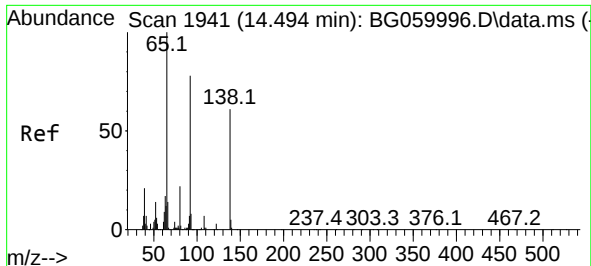
Tgt Ion:165 Resp: 167360  
Ion Ratio Lower Upper  
165 100  
63 59.6 48.2 72.2  
89 53.5 44.4 66.6



#52  
Acenaphthene  
Concen: 39.004 ng  
RT: 14.662 min Scan# 1970  
Delta R.T. 0.003 min  
Lab File: BG060046.D  
Acq: 15 Dec 2023 22:35

Tgt Ion:154 Resp: 551714  
Ion Ratio Lower Upper  
154 100  
153 112.8 96.0 144.0  
152 52.6 44.3 66.5

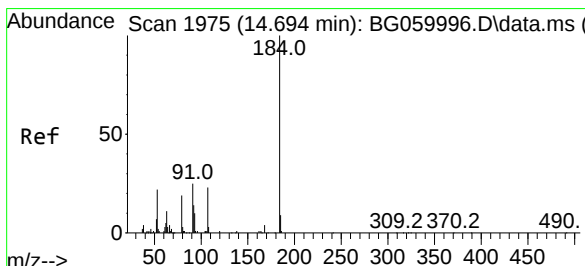
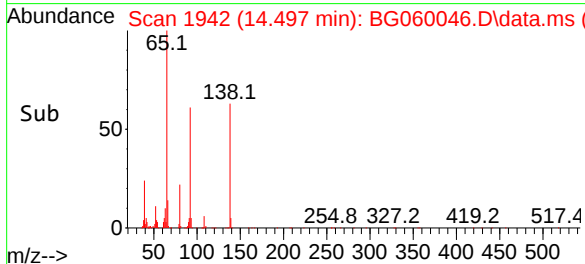
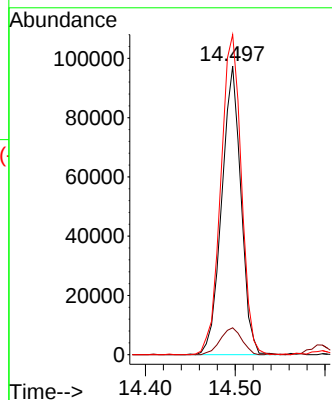
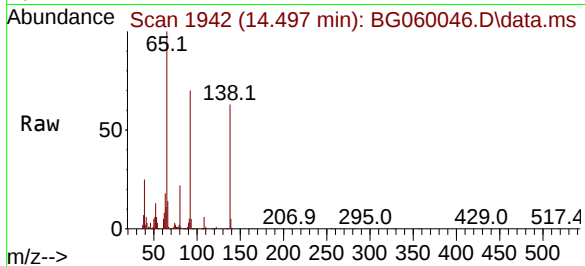




#53  
3-Nitroaniline  
Concen: 48.115 ng  
RT: 14.497 min Scan# 1941  
Delta R.T. 0.003 min  
Lab File: BG060046.D  
Acq: 15 Dec 2023 22:35

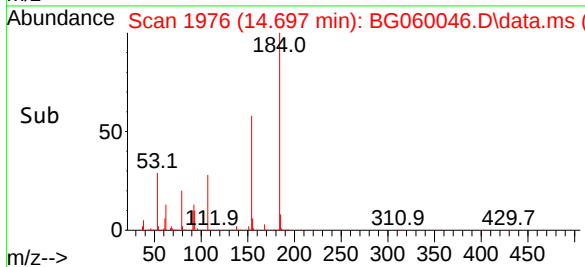
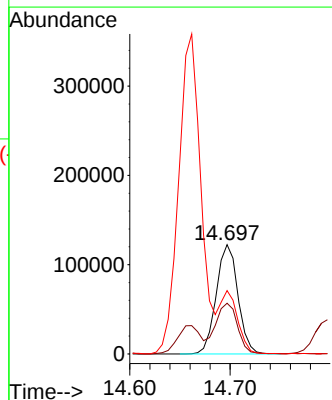
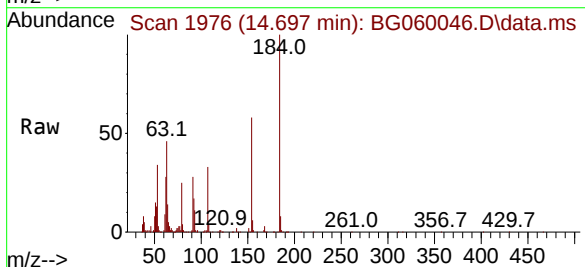
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

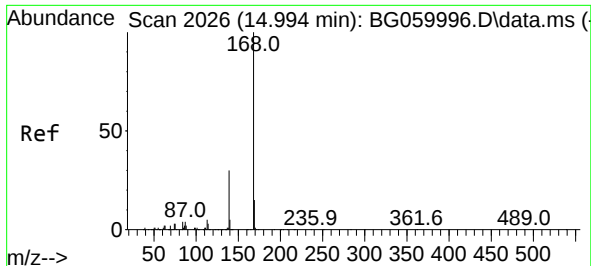
Tgt Ion:138 Resp: 144599  
Ion Ratio Lower Upper  
138 100  
108 9.3 8.9 13.3  
92 110.8 102.1 153.1



#54  
2,4-Dinitrophenol  
Concen: 66.195 ng  
RT: 14.697 min Scan# 1976  
Delta R.T. 0.003 min  
Lab File: BG060046.D  
Acq: 15 Dec 2023 22:35

Tgt Ion:184 Resp: 183420  
Ion Ratio Lower Upper  
184 100  
63 46.5 35.5 53.3  
154 58.0 36.7 55.1#

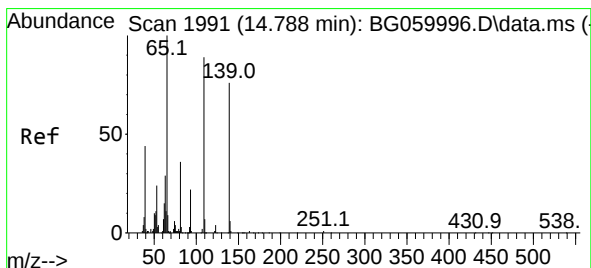
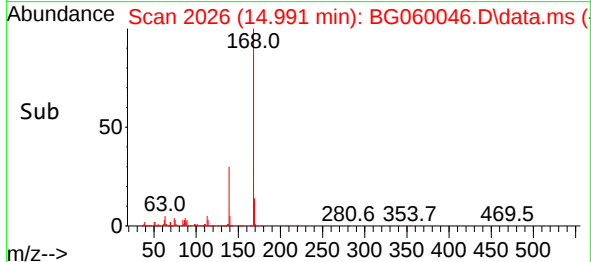
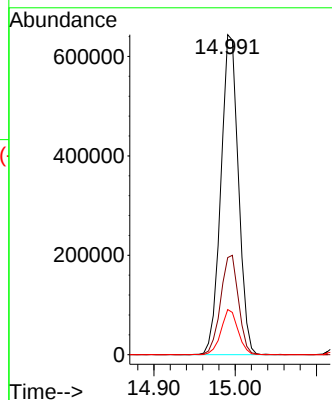
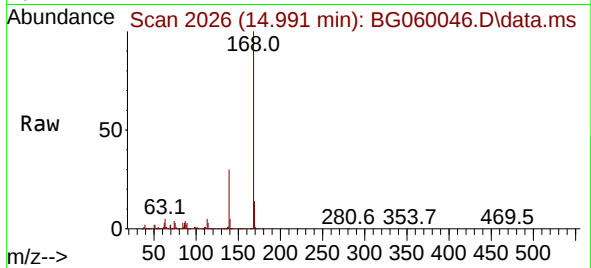




#55  
Dibenzofuran  
Concen: 41.986 ng  
RT: 14.991 min Scan# 20  
Delta R.T. -0.003 min  
Lab File: BG060046.D  
Acq: 15 Dec 2023 22:35

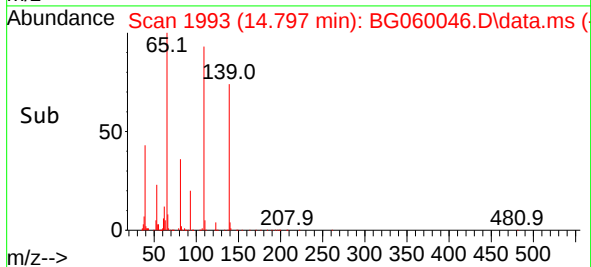
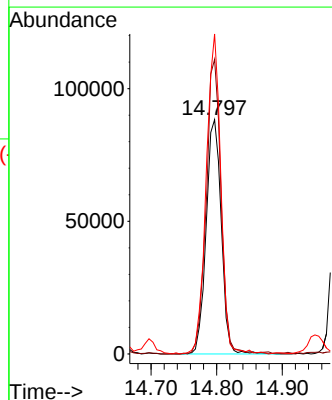
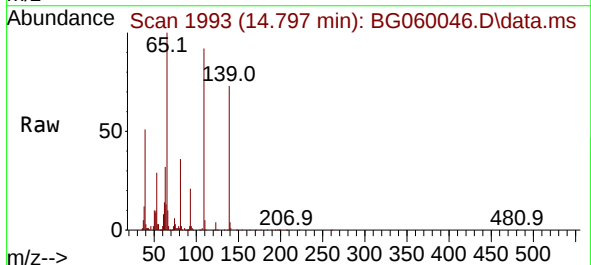
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

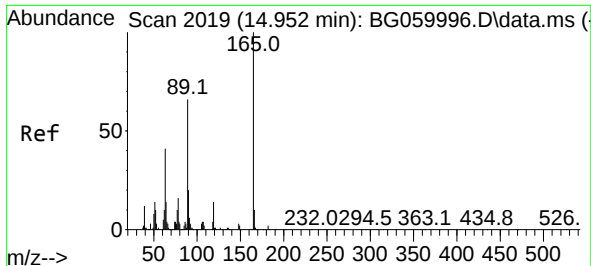
Tgt Ion:168 Resp: 966643  
Ion Ratio Lower Upper  
168 100  
139 30.4 24.0 36.0  
169 14.1 11.8 17.8



#56  
4-Nitrophenol  
Concen: 55.997 ng  
RT: 14.797 min Scan# 1993  
Delta R.T. 0.009 min  
Lab File: BG060046.D  
Acq: 15 Dec 2023 22:35

Tgt Ion:139 Resp: 141436  
Ion Ratio Lower Upper  
139 100  
109 125.8 97.2 137.2  
65 136.6 112.2 152.2

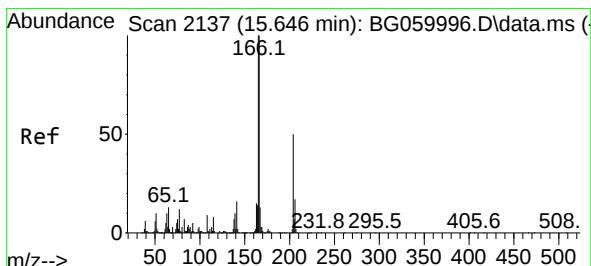
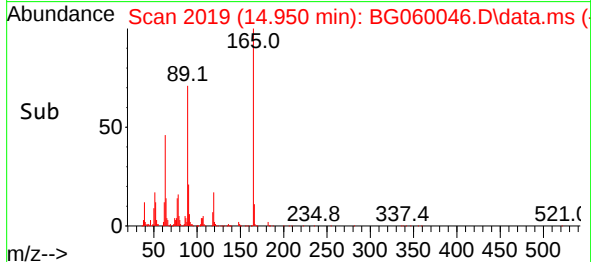
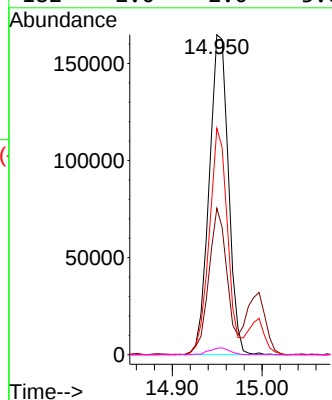
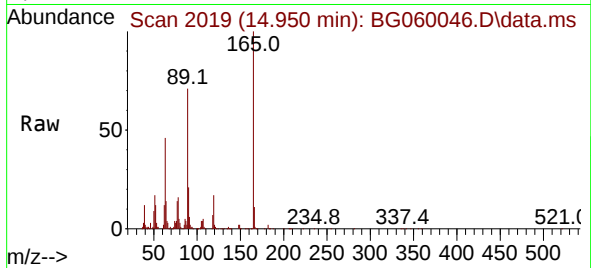




#57  
2,4-Dinitrotoluene  
Concen: 46.361 ng  
RT: 14.950 min Scan# 2019  
Delta R.T. -0.003 min  
Lab File: BG060046.D  
Acq: 15 Dec 2023 22:35

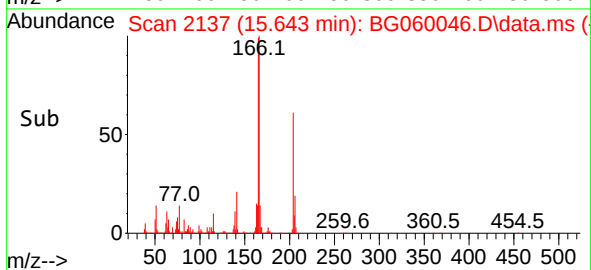
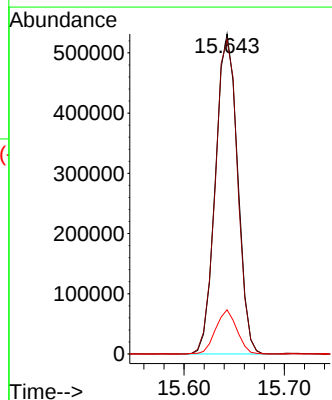
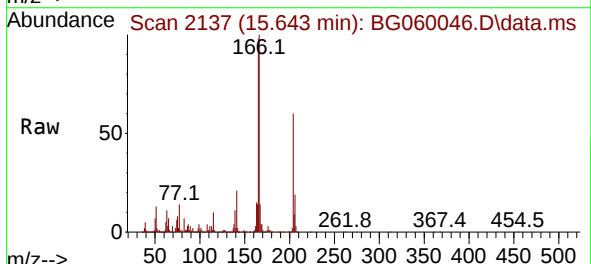
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

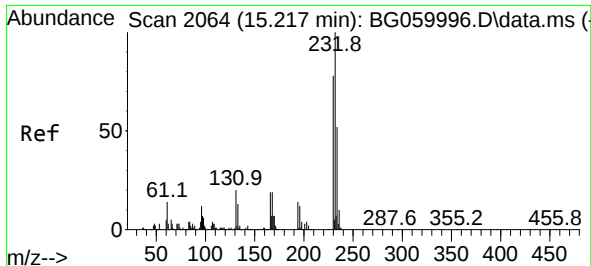
Tgt Ion:165 Resp: 245099  
Ion Ratio Lower Upper  
165 100  
63 45.7 32.8 49.2  
89 70.7 53.0 79.6  
182 2.0 2.0 3.0



#58  
Fluorene  
Concen: 41.744 ng  
RT: 15.643 min Scan# 2137  
Delta R.T. -0.003 min  
Lab File: BG060046.D  
Acq: 15 Dec 2023 22:35

Tgt Ion:166 Resp: 810416  
Ion Ratio Lower Upper  
166 100  
165 98.2 80.2 120.2  
167 13.8 10.3 15.5

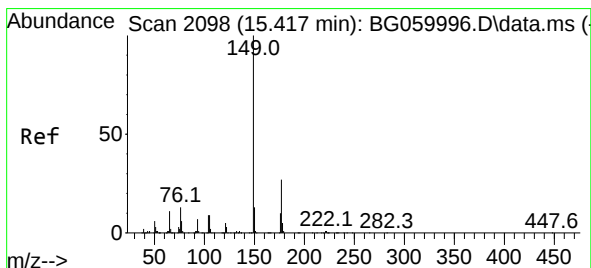
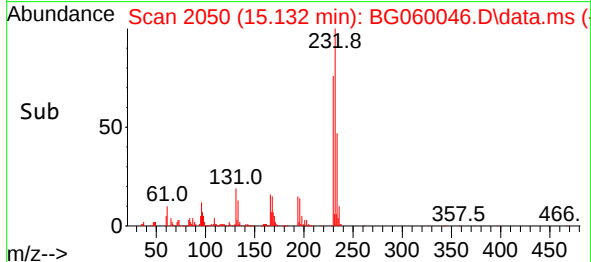
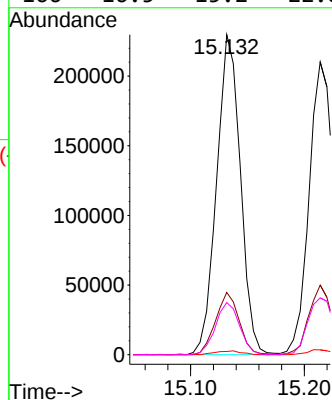
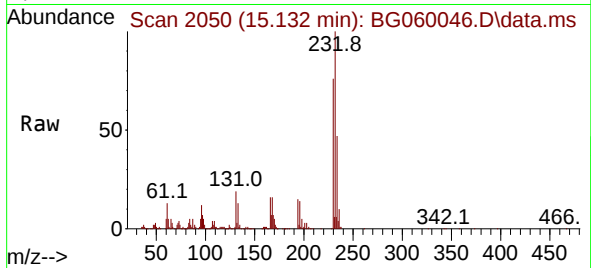




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 43.193 ng  
RT: 15.132 min Scan# 2050  
Delta R.T. -0.085 min  
Lab File: BG060046.D  
Acq: 15 Dec 2023 22:35

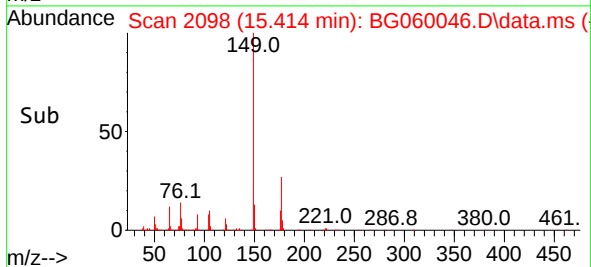
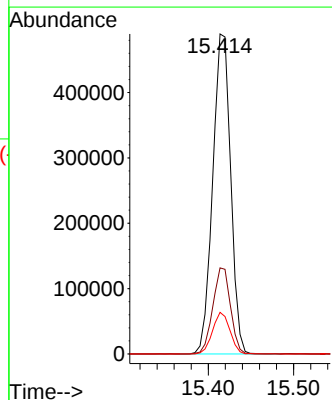
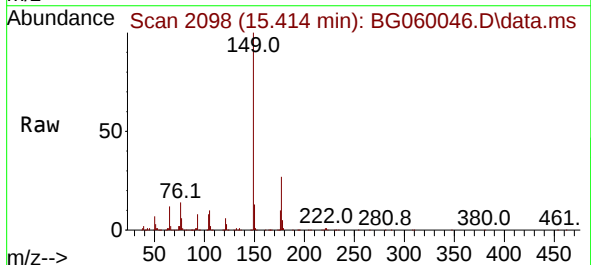
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

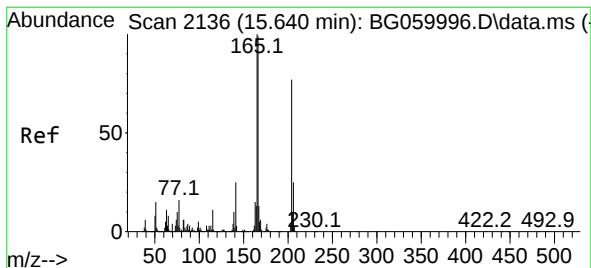
Tgt Ion:232 Resp: 334363  
Ion Ratio Lower Upper  
232 100  
131 19.2 17.6 26.4  
130 1.3 1.0 1.6  
166 16.5 15.2 22.8



#60  
Diethylphthalate  
Concen: 42.786 ng  
RT: 15.414 min Scan# 2098  
Delta R.T. -0.003 min  
Lab File: BG060046.D  
Acq: 15 Dec 2023 22:35

Tgt Ion:149 Resp: 714747  
Ion Ratio Lower Upper  
149 100  
177 26.9 21.5 32.3  
150 13.0 10.3 15.5

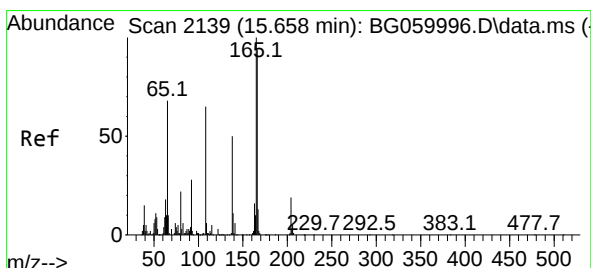
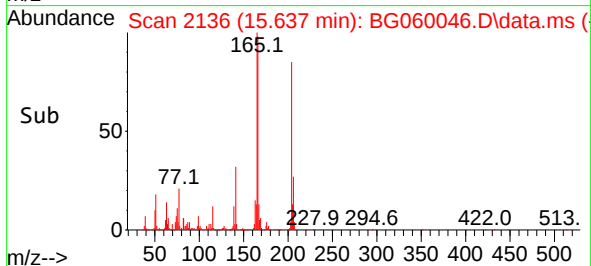
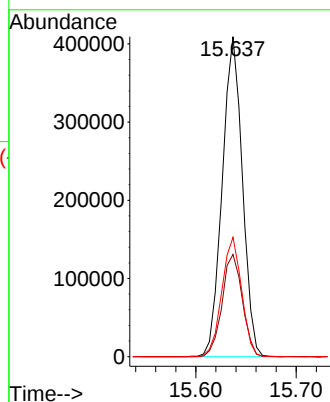
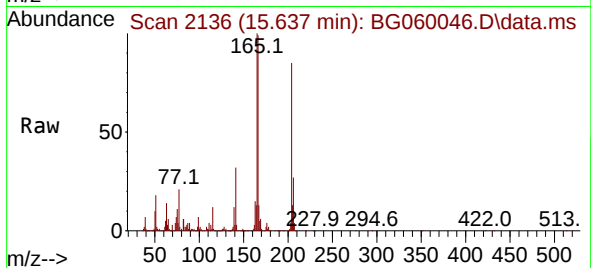




#61  
4-Chlorophenyl-phenylether  
Concen: 40.652 ng  
RT: 15.637 min Scan# 2136  
Delta R.T. -0.003 min  
Lab File: BG060046.D  
Acq: 15 Dec 2023 22:35

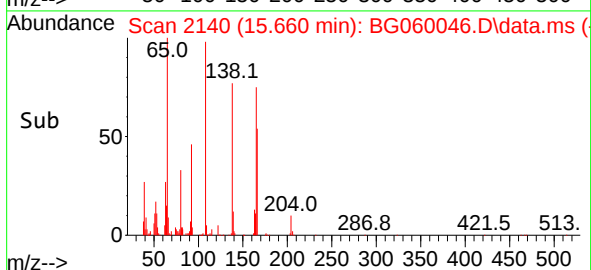
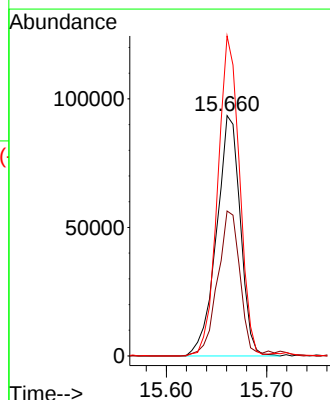
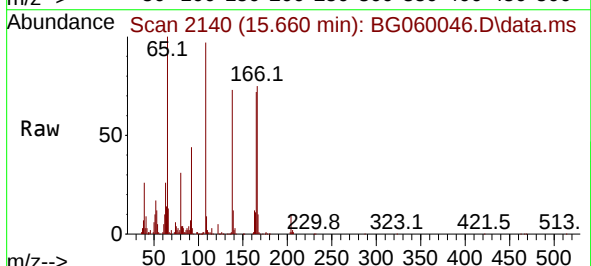
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

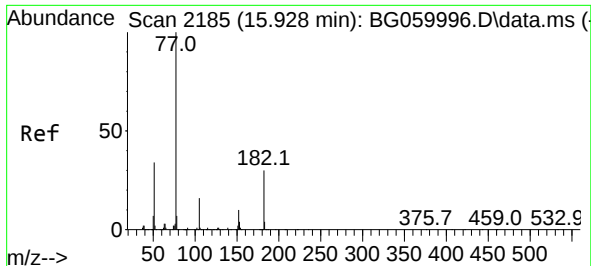
Tgt Ion:204 Resp: 568391  
Ion Ratio Lower Upper  
204 100  
206 32.0 25.9 38.9  
141 37.3 25.6 38.4



#62  
4-Nitroaniline  
Concen: 46.962 ng  
RT: 15.660 min Scan# 2140  
Delta R.T. 0.003 min  
Lab File: BG060046.D  
Acq: 15 Dec 2023 22:35

Tgt Ion:138 Resp: 153681  
Ion Ratio Lower Upper  
138 100  
92 60.4 36.3 76.3  
108 133.2 109.3 149.3

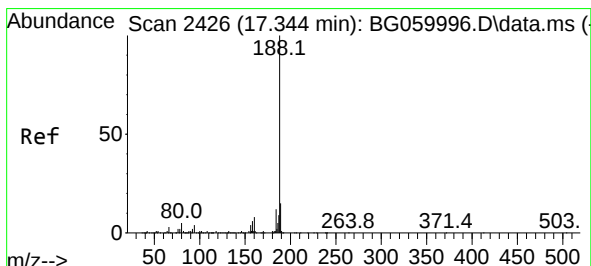
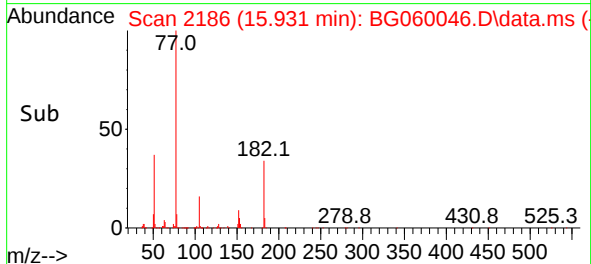
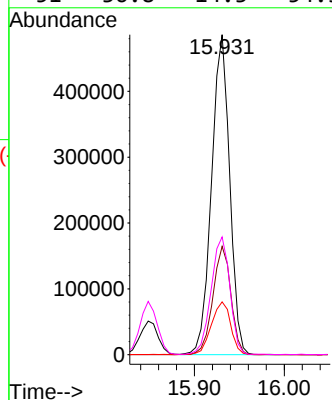
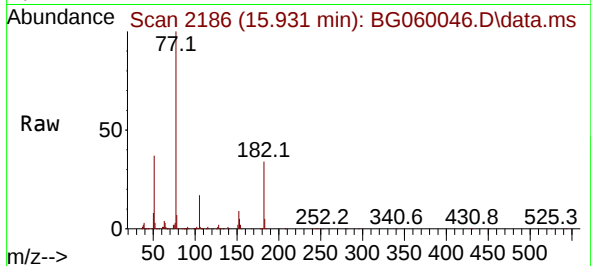




#63  
Azobenzene  
Concen: 41.334 ng  
RT: 15.931 min Scan# 2186  
Delta R.T. 0.003 min  
Lab File: BG060046.D  
Acq: 15 Dec 2023 22:35

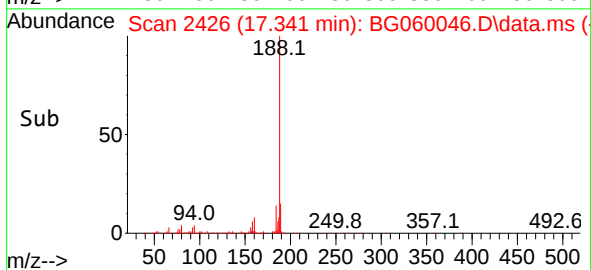
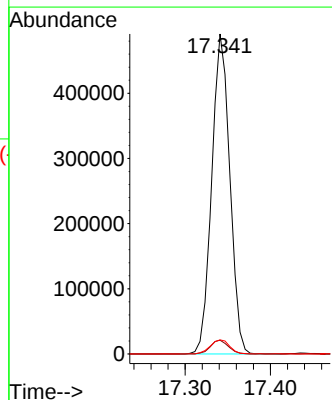
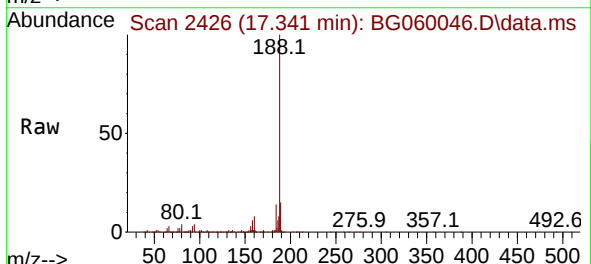
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

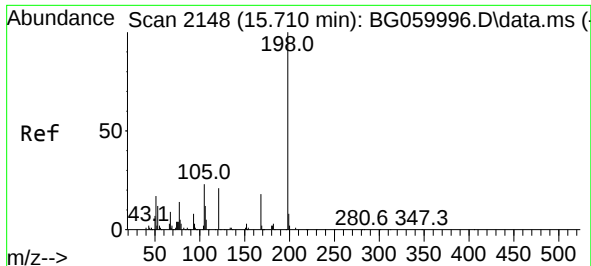
|             |              |
|-------------|--------------|
| Tgt Ion: 77 | Resp: 680766 |
| Ion Ratio   | Lower Upper  |
| 77 100      |              |
| 182 33.9    | 10.2 50.2    |
| 105 16.5    | 0.0 36.5     |
| 51 36.8     | 14.3 54.3    |



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.341 min Scan# 2426  
Delta R.T. -0.003 min  
Lab File: BG060046.D  
Acq: 15 Dec 2023 22:35

|              |              |
|--------------|--------------|
| Tgt Ion: 188 | Resp: 722381 |
| Ion Ratio    | Lower Upper  |
| 188 100      |              |
| 94 4.3       | 3.0 4.6      |
| 80 4.4       | 4.0 6.0      |

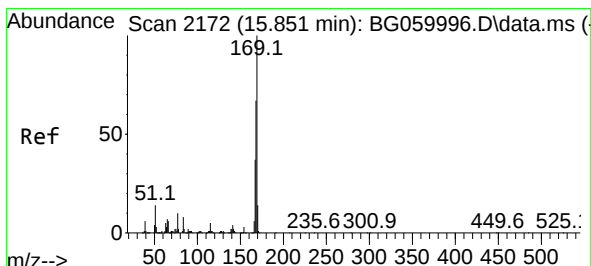
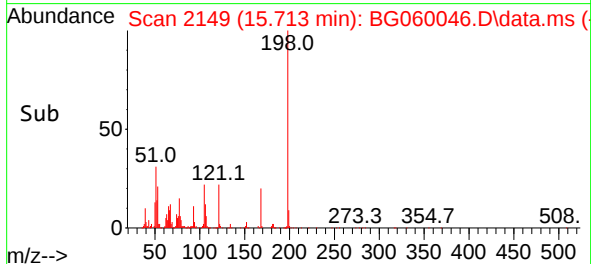
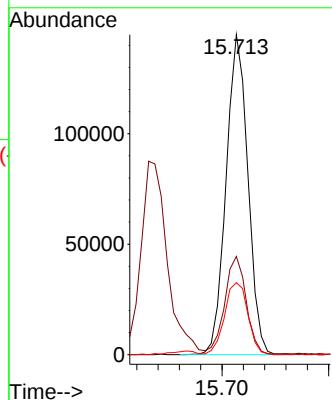
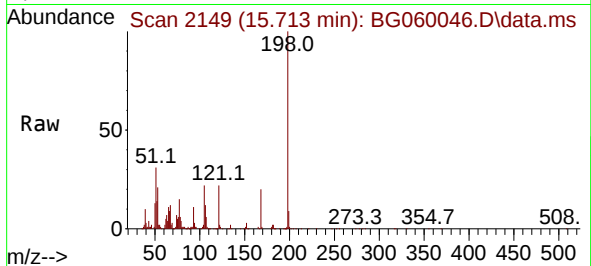




#65  
4,6-Dinitro-2-methylphenol  
Concen: 45.373 ng  
RT: 15.713 min Scan# 2148  
Delta R.T. 0.003 min  
Lab File: BG060046.D  
Acq: 15 Dec 2023 22:35

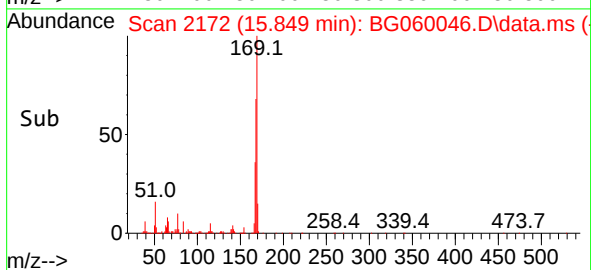
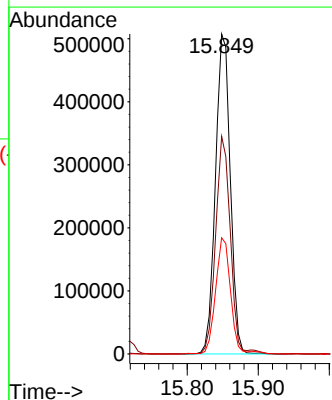
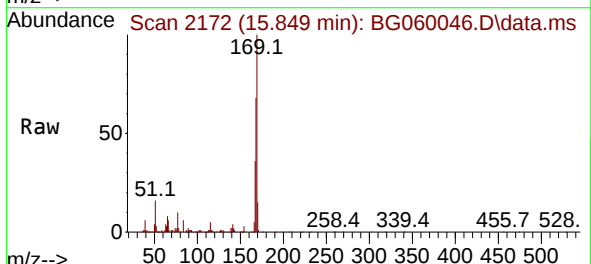
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

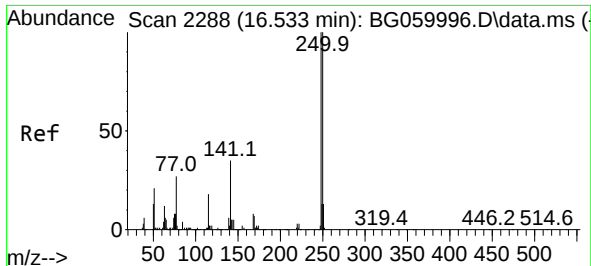
Tgt Ion:198 Resp: 205505  
Ion Ratio Lower Upper  
198 100  
51 30.7 0.0 39.7  
105 22.5 3.3 43.3



#66  
n-Nitrosodiphenylamine  
Concen: 41.694 ng  
RT: 15.849 min Scan# 2172  
Delta R.T. -0.003 min  
Lab File: BG060046.D  
Acq: 15 Dec 2023 22:35

Tgt Ion:169 Resp: 735796  
Ion Ratio Lower Upper  
169 100  
168 68.0 53.4 80.2  
167 36.3 30.0 45.0

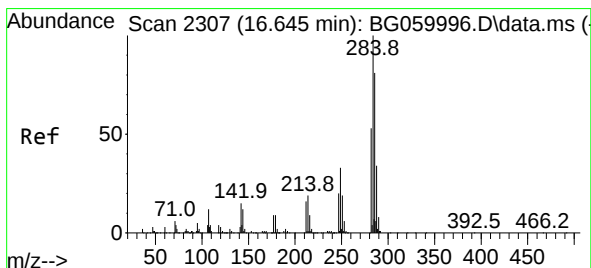
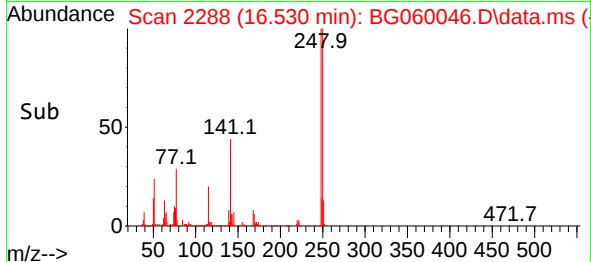
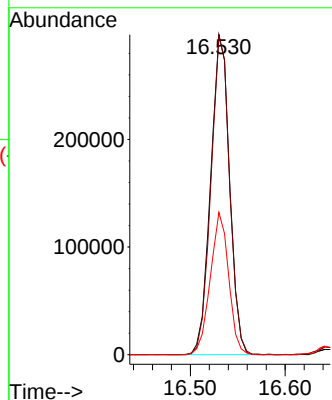
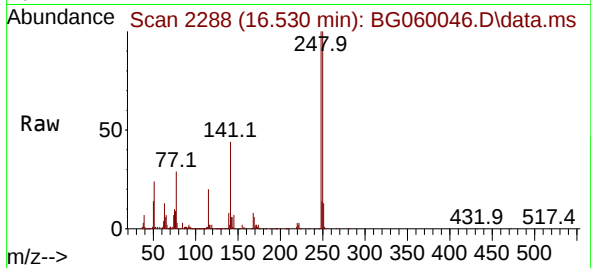




#67  
4-Bromophenyl-phenylether  
Concen: 40.425 ng  
RT: 16.530 min Scan# 21  
Delta R.T. -0.003 min  
Lab File: BG060046.D  
Acq: 15 Dec 2023 22:35

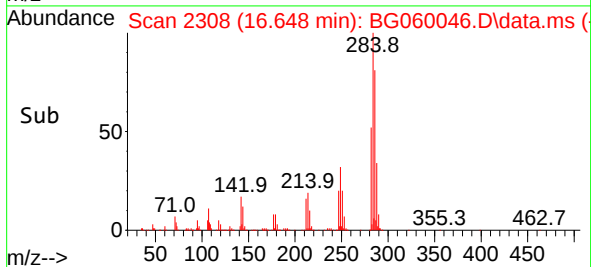
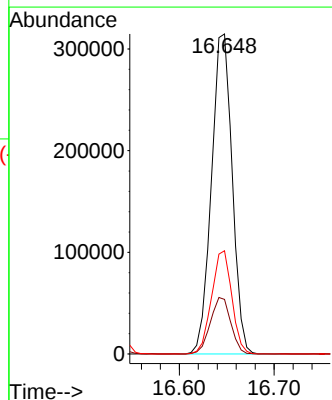
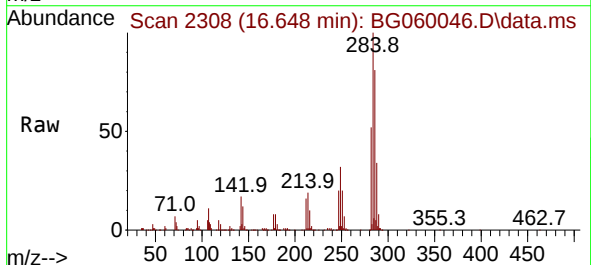
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

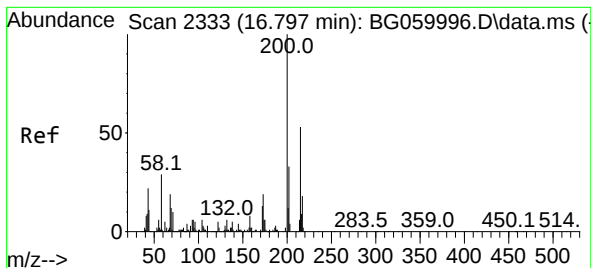
Tgt Ion:248 Resp: 412019  
Ion Ratio Lower Upper  
248 100  
250 99.6 79.9 119.9  
141 44.5 28.3 42.5#



#68  
Hexachlorobenzene  
Concen: 40.105 ng  
RT: 16.648 min Scan# 2308  
Delta R.T. 0.003 min  
Lab File: BG060046.D  
Acq: 15 Dec 2023 22:35

Tgt Ion:284 Resp: 477851  
Ion Ratio Lower Upper  
284 100  
142 17.0 11.7 17.5  
249 32.2 26.1 39.1





#69

Atrazine

Concen: 36.277 ng

RT: 16.794 min Scan# 21

Delta R.T. -0.003 min

Lab File: BG060046.D

Acq: 15 Dec 2023 22:35

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

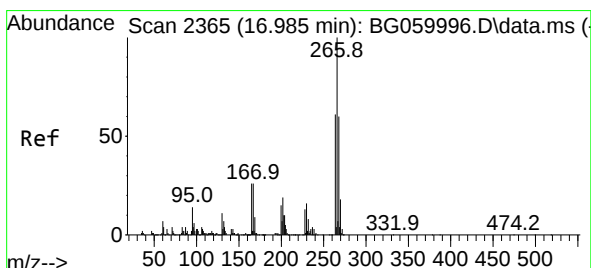
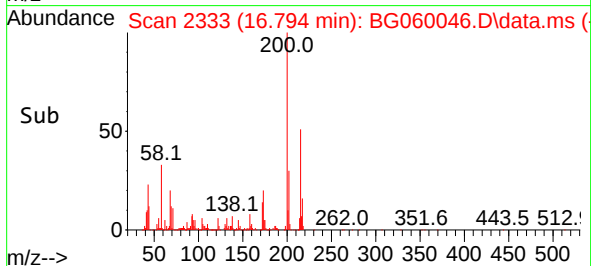
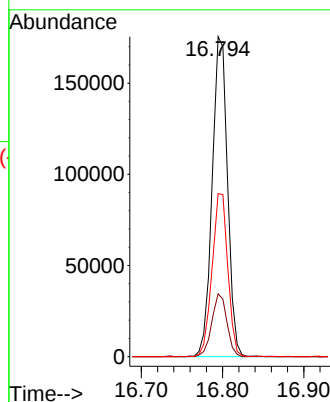
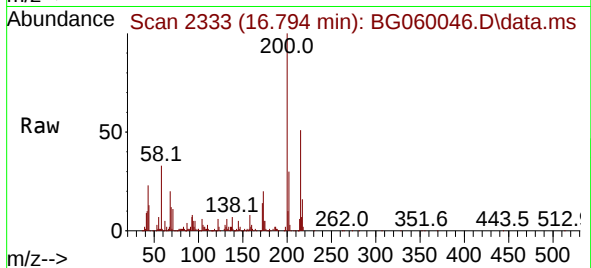
Tgt Ion:200 Resp: 230098

Ion Ratio Lower Upper

200 100

173 19.6 0.0 39.3

215 51.0 33.1 73.1



#70

Pentachlorophenol

Concen: 50.556 ng

RT: 16.988 min Scan# 2366

Delta R.T. 0.003 min

Lab File: BG060046.D

Acq: 15 Dec 2023 22:35

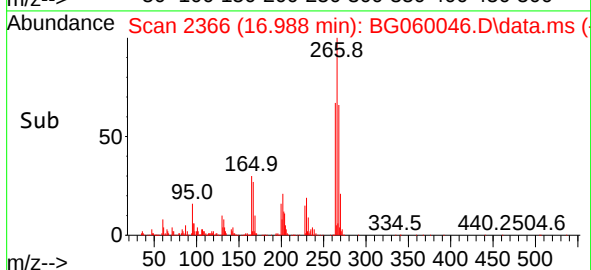
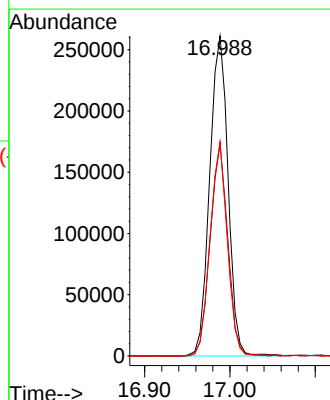
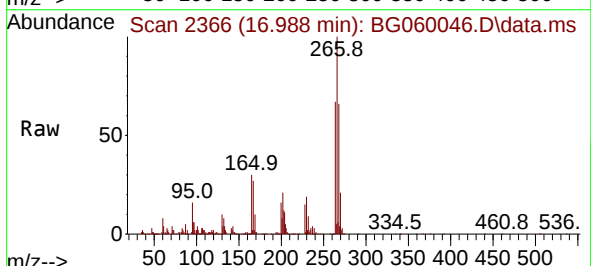
Tgt Ion:266 Resp: 390236

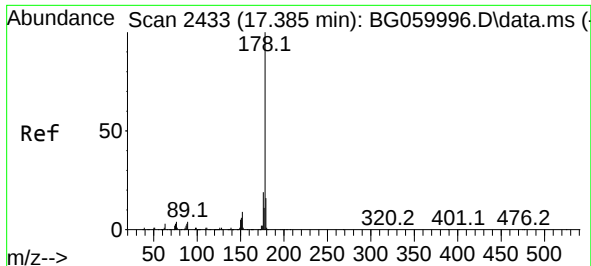
Ion Ratio Lower Upper

266 100

268 66.3 47.9 71.9

264 67.0 48.8 73.2

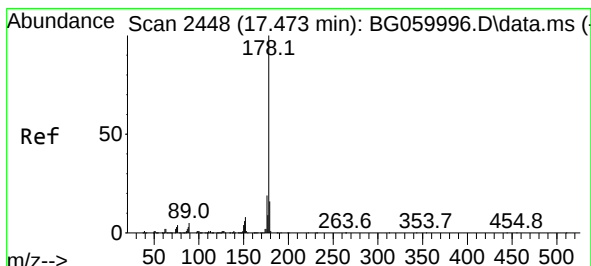
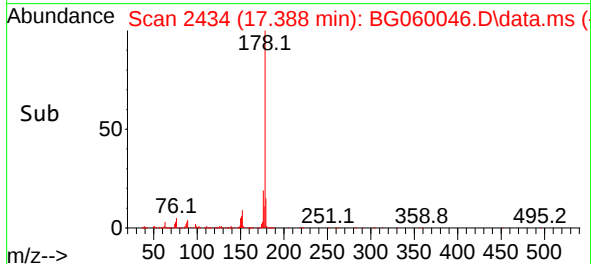
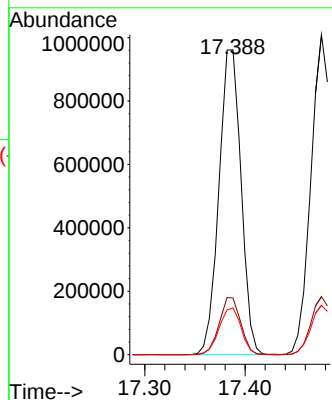
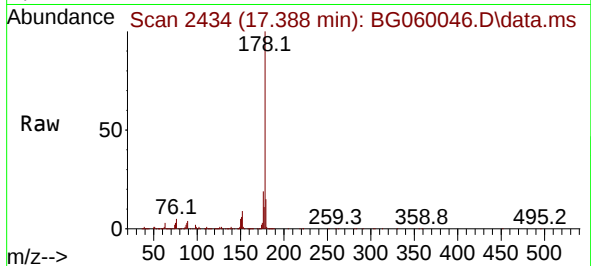




#71  
Phenanthrene  
Concen: 42.094 ng  
RT: 17.388 min Scan# 2433  
Delta R.T. 0.003 min  
Lab File: BG060046.D  
Acq: 15 Dec 2023 22:35

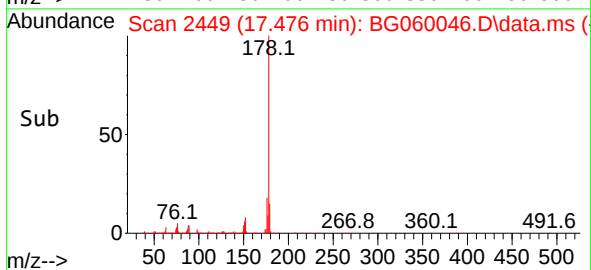
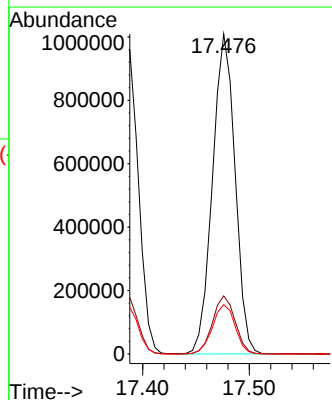
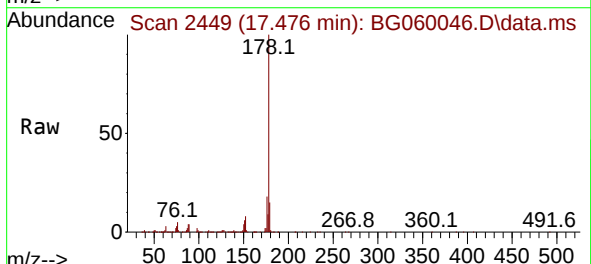
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

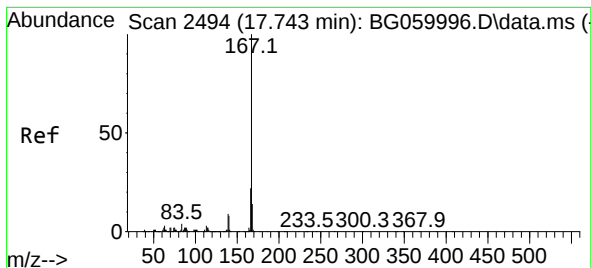
Tgt Ion:178 Resp: 1472886  
Ion Ratio Lower Upper  
178 100  
176 18.6 15.6 23.4  
179 15.4 12.6 19.0



#72  
Anthracene  
Concen: 42.077 ng  
RT: 17.476 min Scan# 2449  
Delta R.T. 0.003 min  
Lab File: BG060046.D  
Acq: 15 Dec 2023 22:35

Tgt Ion:178 Resp: 1480290  
Ion Ratio Lower Upper  
178 100  
176 18.2 15.0 22.6  
179 15.4 12.6 19.0





#73

Carbazole

Concen: 43.163 ng

RT: 17.746 min Scan# 2494

Delta R.T. 0.003 min

Lab File: BG060046.D

Acq: 15 Dec 2023 22:35

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

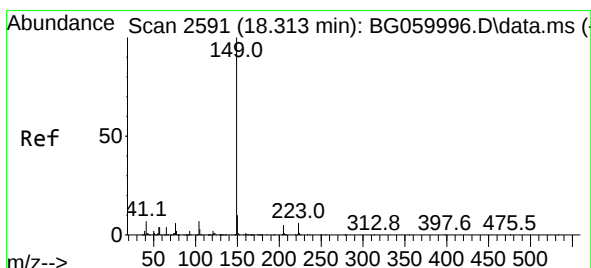
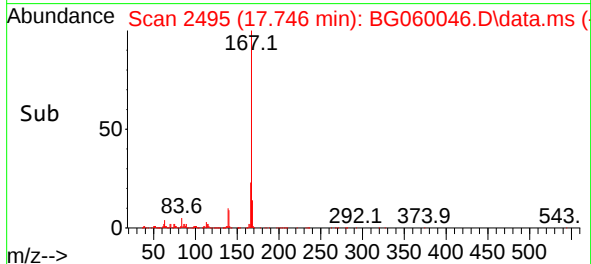
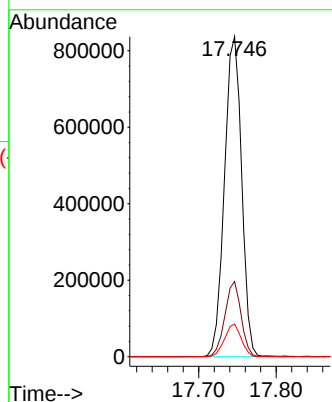
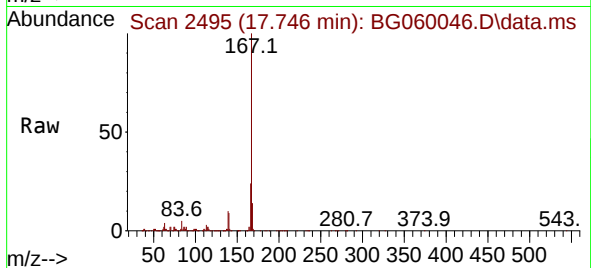
Tgt Ion:167 Resp: 1290385

Ion Ratio Lower Upper

167 100

166 23.5 17.4 26.0

139 10.2 7.5 11.3



#74

Di-n-butylphthalate

Concen: 44.620 ng

RT: 18.310 min Scan# 2591

Delta R.T. -0.003 min

Lab File: BG060046.D

Acq: 15 Dec 2023 22:35

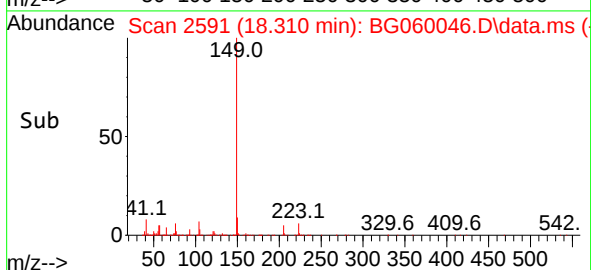
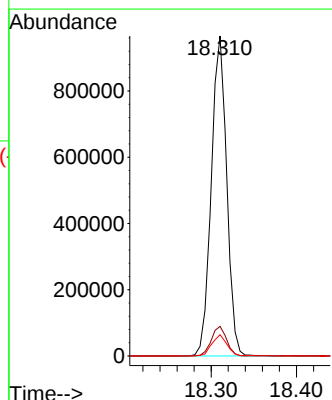
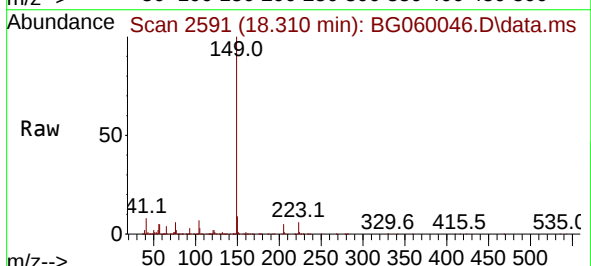
Tgt Ion:149 Resp: 1216881

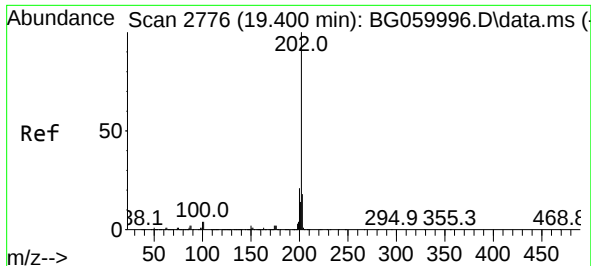
Ion Ratio Lower Upper

149 100

150 9.3 7.9 11.9

104 6.6 5.6 8.4

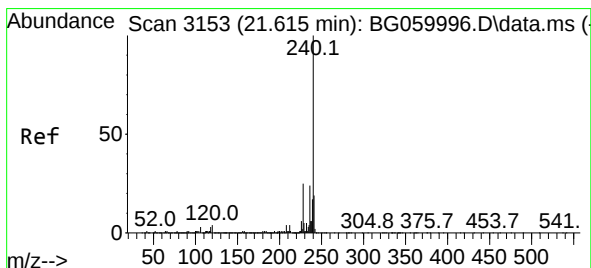
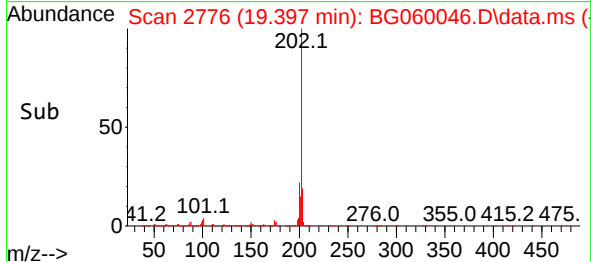
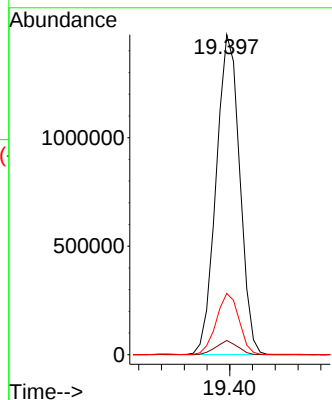
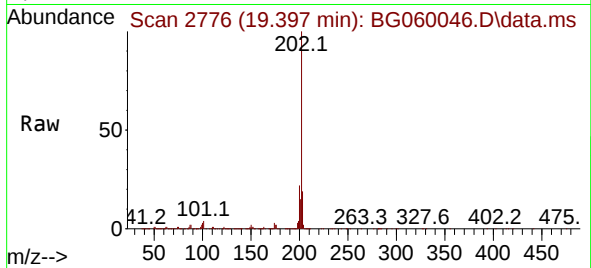




#75  
Fluoranthene  
Concen: 41.444 ng  
RT: 19.397 min Scan# 2116093  
Delta R.T. -0.003 min  
Lab File: BG060046.D  
Acq: 15 Dec 2023 22:35

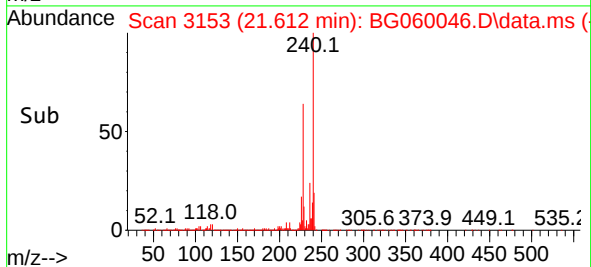
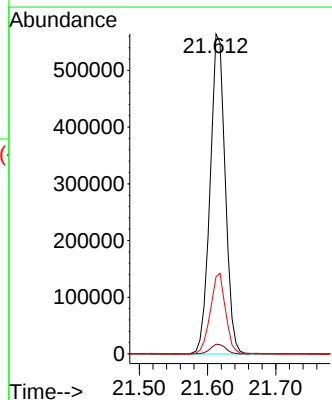
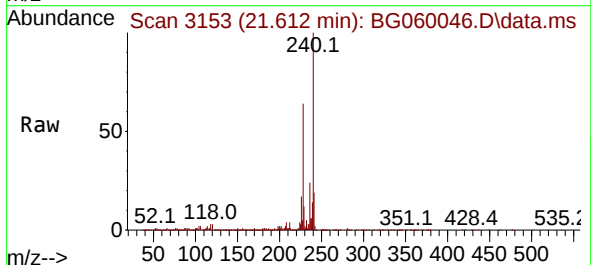
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

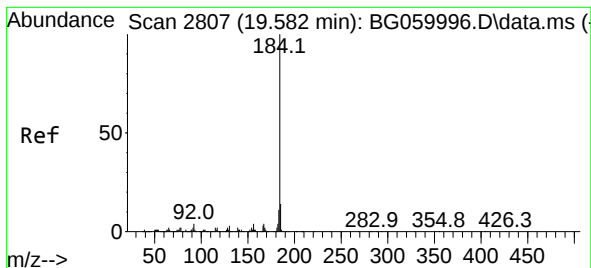
Tgt Ion:202 Resp: 2116093  
Ion Ratio Lower Upper  
202 100  
101 4.5 0.0 24.2  
203 19.1 0.0 37.6



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.612 min Scan# 3153  
Delta R.T. -0.003 min  
Lab File: BG060046.D  
Acq: 15 Dec 2023 22:35

Tgt Ion:240 Resp: 869262  
Ion Ratio Lower Upper  
240 100  
120 3.0 2.9 4.3  
236 24.1 19.4 29.2





#77

Benzidine

Concen: 54.248 ng

RT: 19.579 min Scan# 21

Delta R.T. -0.003 min

Lab File: BG060046.D

Acq: 15 Dec 2023 22:35

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

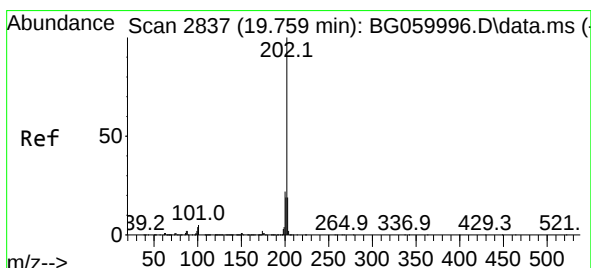
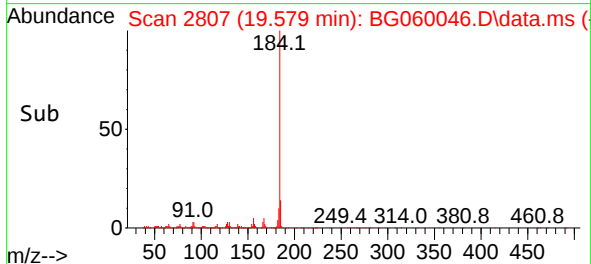
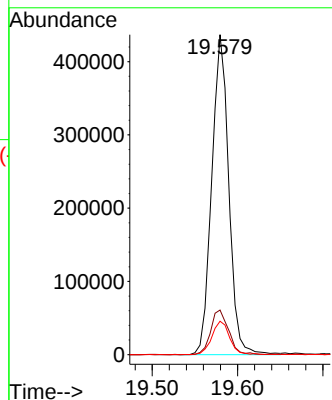
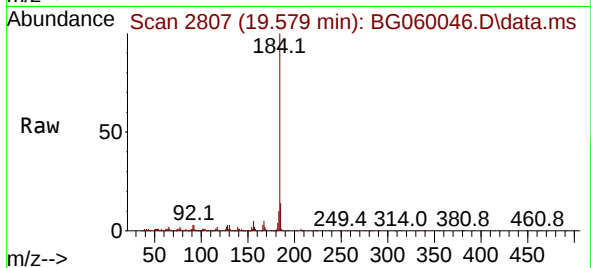
Tgt Ion:184 Resp: 605706

Ion Ratio Lower Upper

184 100

185 14.0 11.1 16.7

183 10.4 9.0 13.4



#78

Pyrene

Concen: 41.205 ng

RT: 19.762 min Scan# 2838

Delta R.T. 0.003 min

Lab File: BG060046.D

Acq: 15 Dec 2023 22:35

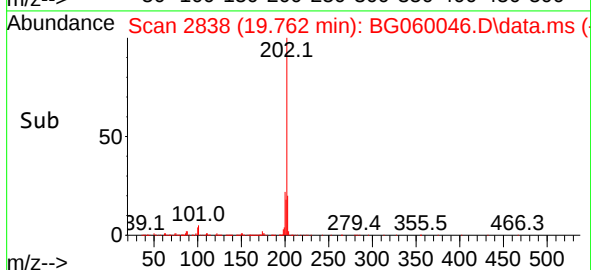
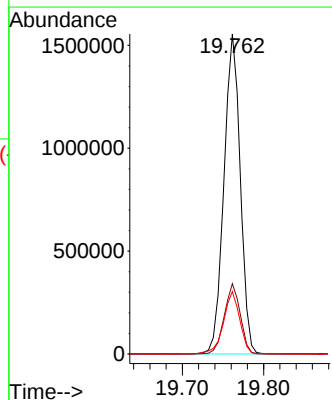
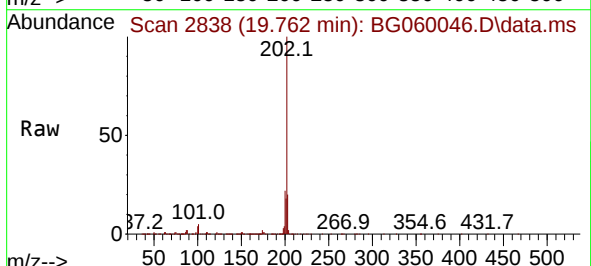
Tgt Ion:202 Resp: 2171253

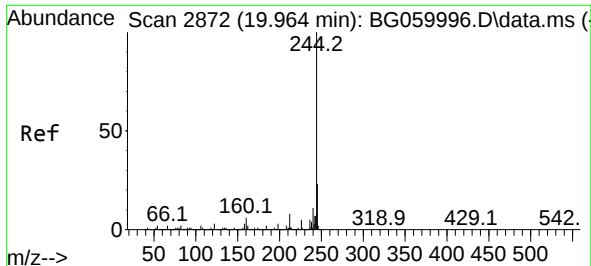
Ion Ratio Lower Upper

202 100

200 22.0 17.6 26.4

203 19.5 14.9 22.3

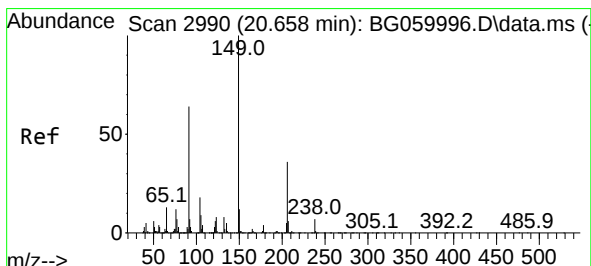
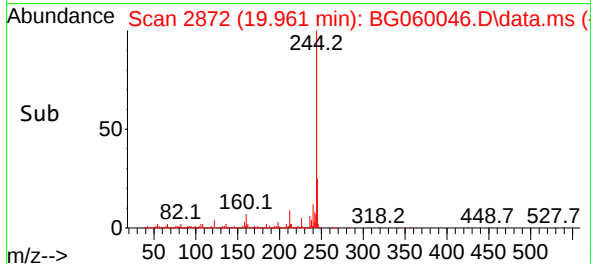
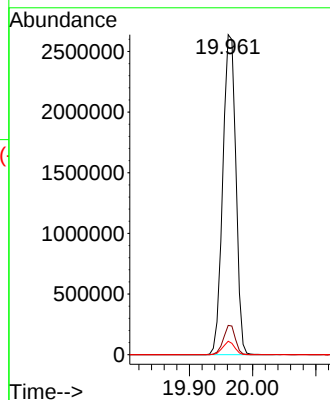
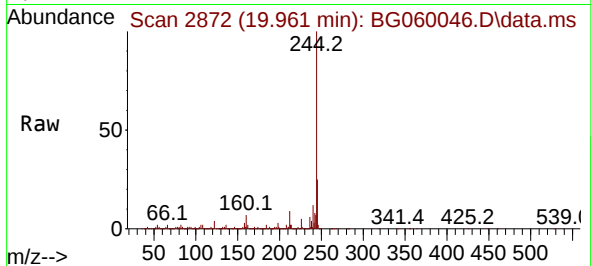




#79  
 Terphenyl-d14  
 Concen: 79.666 ng  
 RT: 19.961 min Scan# 21  
 Delta R.T. -0.003 min  
 Lab File: BG060046.D  
 Acq: 15 Dec 2023 22:35

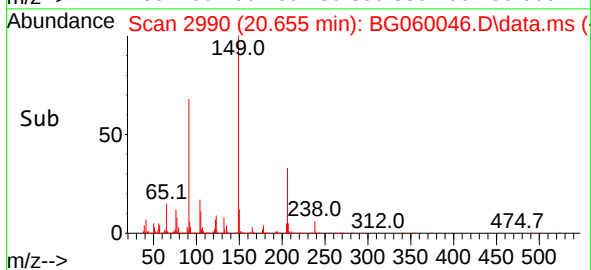
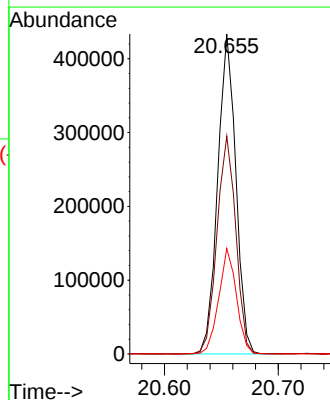
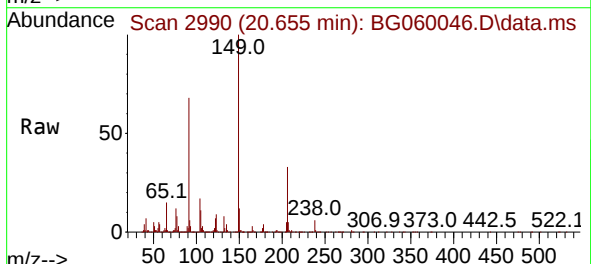
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

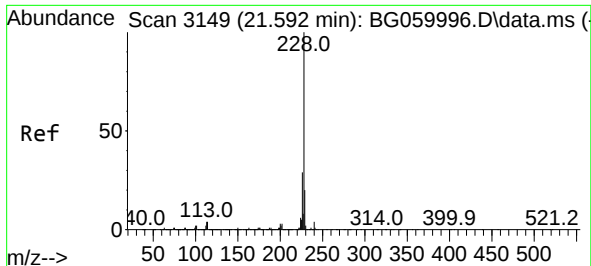
Tgt Ion:244 Resp: 3793087  
 Ion Ratio Lower Upper  
 244 100  
 212 9.2 6.8 10.2  
 122 4.2 2.6 3.8#



#80  
 Butylbenzylphthalate  
 Concen: 50.922 ng  
 RT: 20.655 min Scan# 2990  
 Delta R.T. -0.003 min  
 Lab File: BG060046.D  
 Acq: 15 Dec 2023 22:35

Tgt Ion:149 Resp: 481909  
 Ion Ratio Lower Upper  
 149 100  
 91 68.1 51.3 76.9  
 206 33.0 28.8 43.2

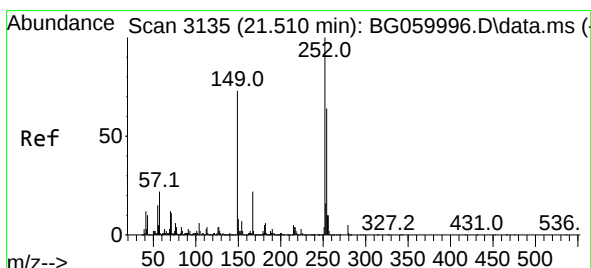
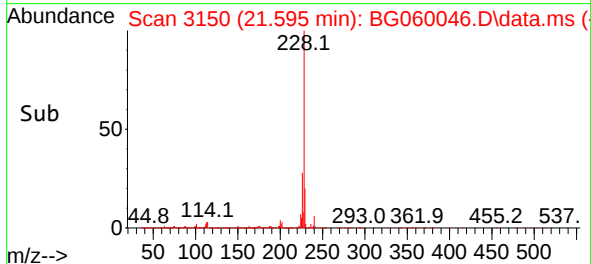
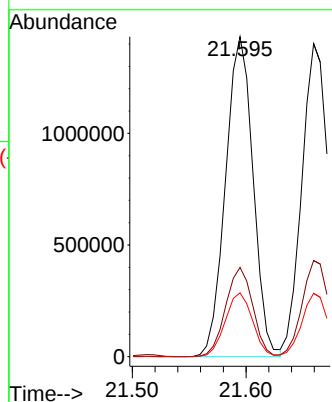
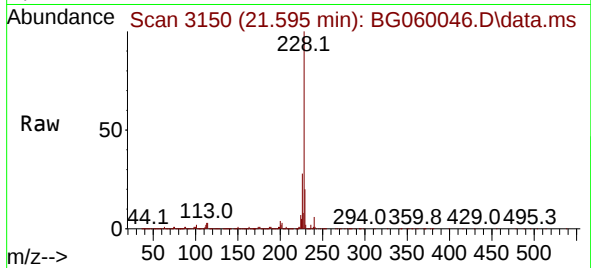




#81  
Benzo(a)anthracene  
Concen: 41.326 ng  
RT: 21.595 min Scan# 3149  
Delta R.T. 0.003 min  
Lab File: BG060046.D  
Acq: 15 Dec 2023 22:35

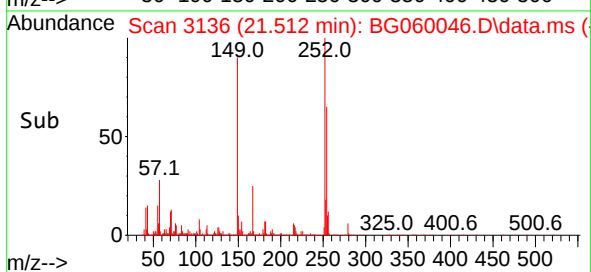
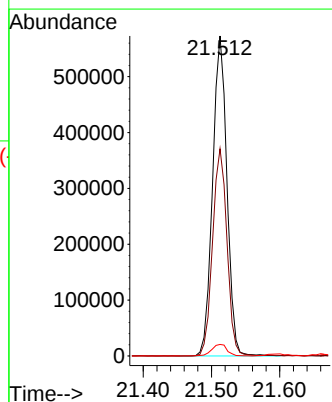
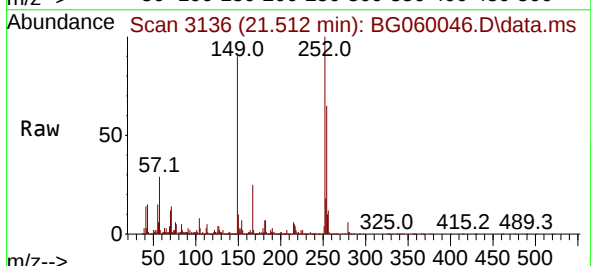
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

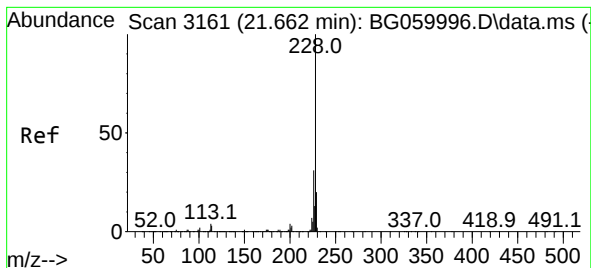
Tgt Ion:228 Resp: 2413056  
Ion Ratio Lower Upper  
228 100  
226 27.9 22.9 34.3  
229 20.0 16.2 24.2



#82  
3,3'-Dichlorobenzidine  
Concen: 43.665 ng  
RT: 21.512 min Scan# 3136  
Delta R.T. 0.003 min  
Lab File: BG060046.D  
Acq: 15 Dec 2023 22:35

Tgt Ion:252 Resp: 838973  
Ion Ratio Lower Upper  
252 100  
254 64.8 51.0 76.4  
126 3.6 3.0 4.4





#83

Chrysene

Concen: 40.818 ng

RT: 21.659 min Scan# 3161

Delta R.T. -0.003 min

Lab File: BG060046.D

Acq: 15 Dec 2023 22:35

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

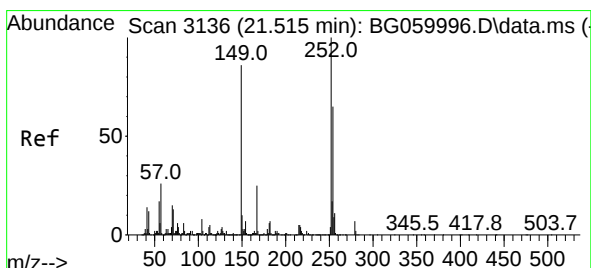
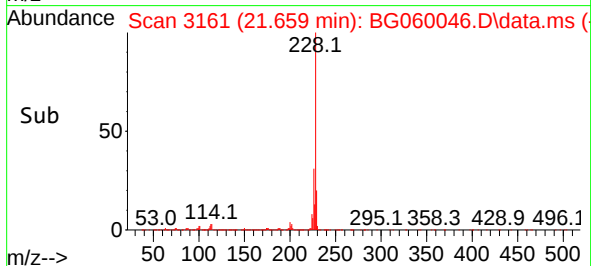
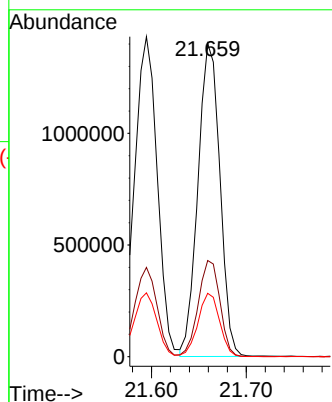
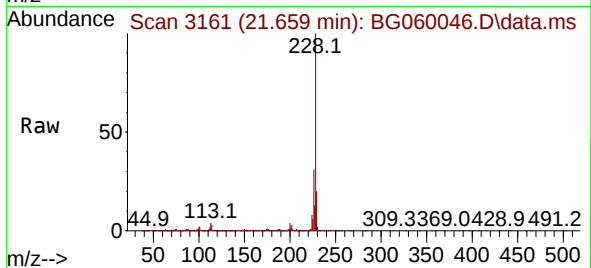
Tgt Ion:228 Resp: 2258015

Ion Ratio Lower Upper

228 100

226 30.7 25.0 37.6

229 20.2 16.2 24.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.460 ng

RT: 21.512 min Scan# 3136

Delta R.T. -0.003 min

Lab File: BG060046.D

Acq: 15 Dec 2023 22:35

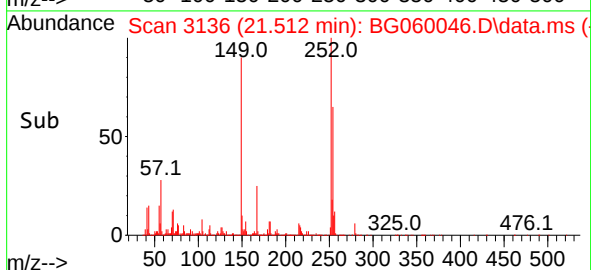
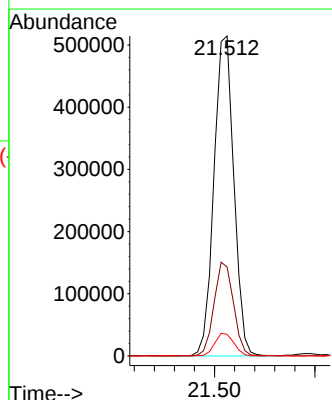
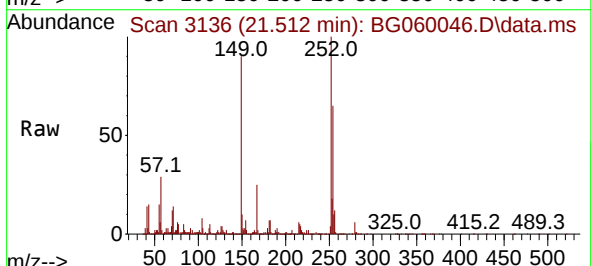
Tgt Ion:149 Resp: 709455

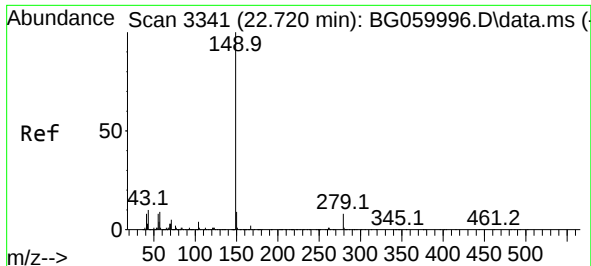
Ion Ratio Lower Upper

149 100

167 27.8 23.0 34.6

279 6.7 6.2 9.2

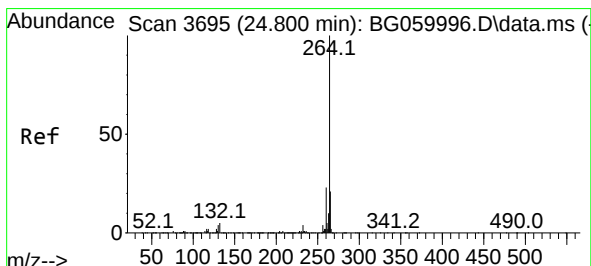
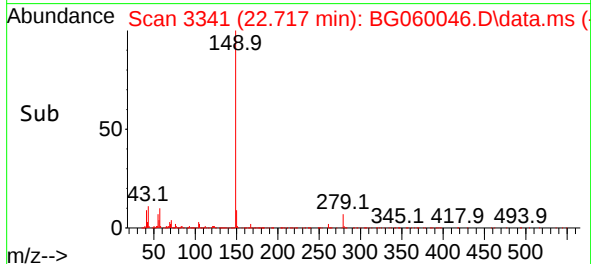
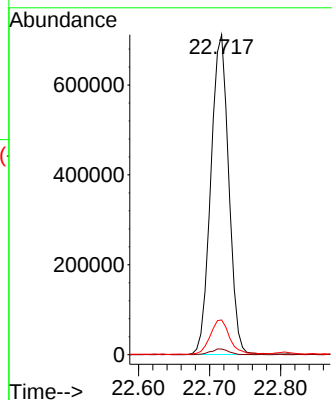
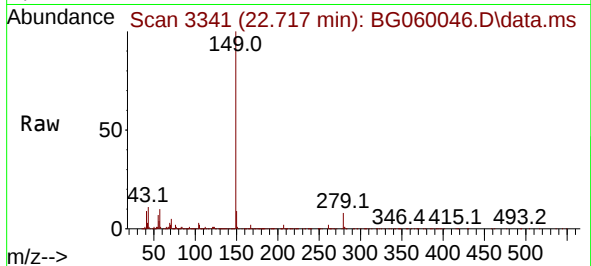




#85  
Di-n-octyl phthalate  
Concen: 50.275 ng  
RT: 22.717 min Scan# 31  
Delta R.T. -0.003 min  
Lab File: BG060046.D  
Acq: 15 Dec 2023 22:35

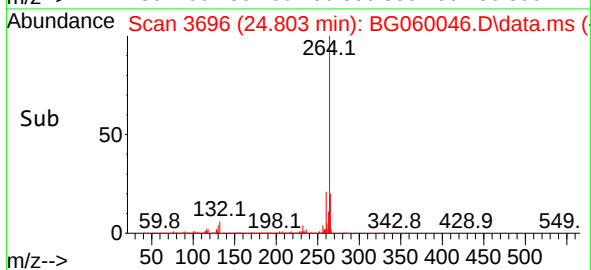
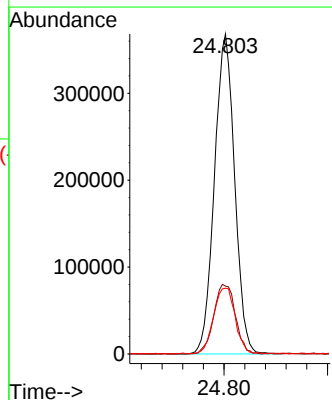
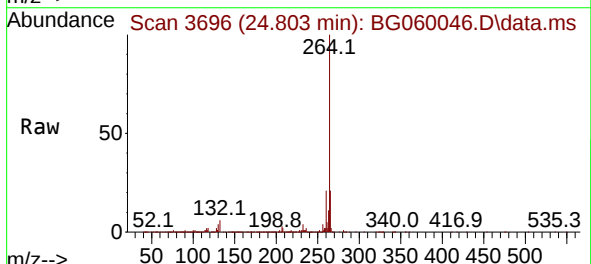
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

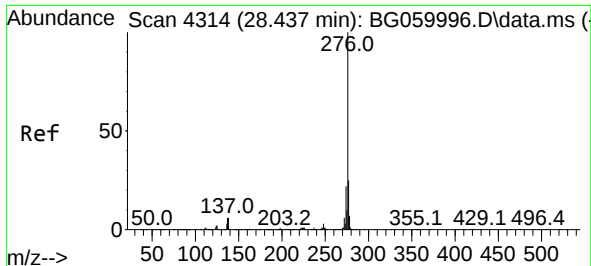
Tgt Ion:149 Resp: 1247422  
Ion Ratio Lower Upper  
149 100  
167 1.9 1.4 2.2  
43 11.9 8.3 12.5



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 24.803 min Scan# 3696  
Delta R.T. 0.003 min  
Lab File: BG060046.D  
Acq: 15 Dec 2023 22:35

Tgt Ion:264 Resp: 996959  
Ion Ratio Lower Upper  
264 100  
260 21.2 18.5 27.7  
265 20.6 17.3 25.9

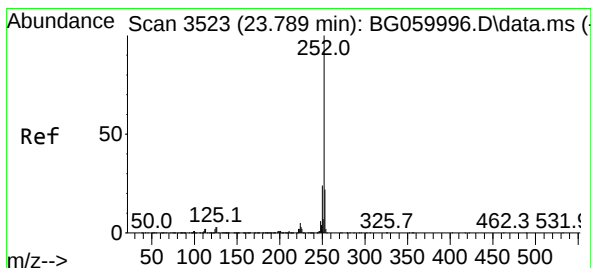
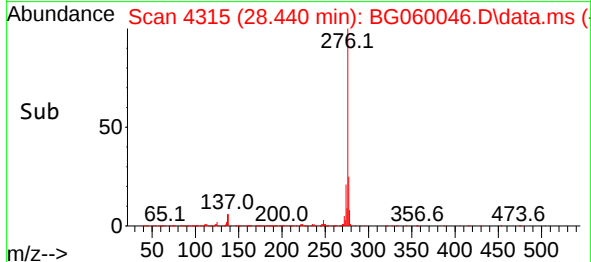
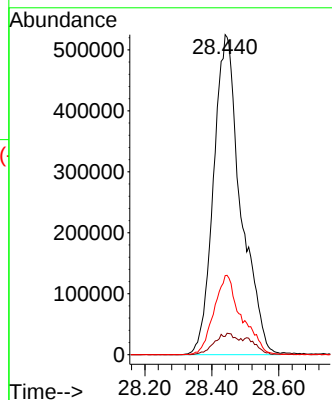
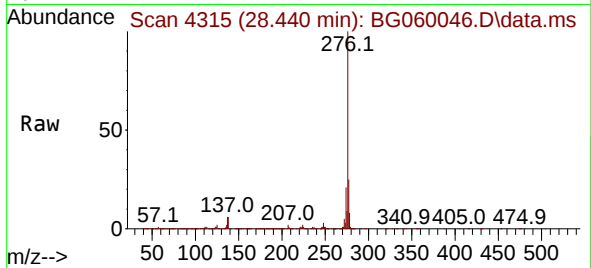




#87  
 Indeno(1,2,3-cd)pyrene  
 Concen: 41.736 ng  
 RT: 28.440 min Scan# 41  
 Delta R.T. 0.003 min  
 Lab File: BG060046.D  
 Acq: 15 Dec 2023 22:35

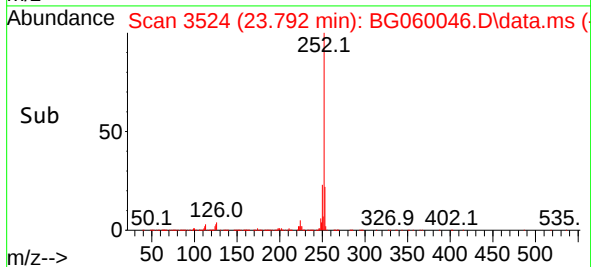
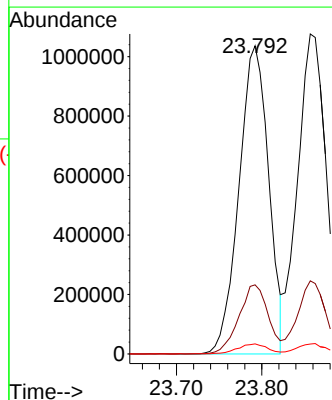
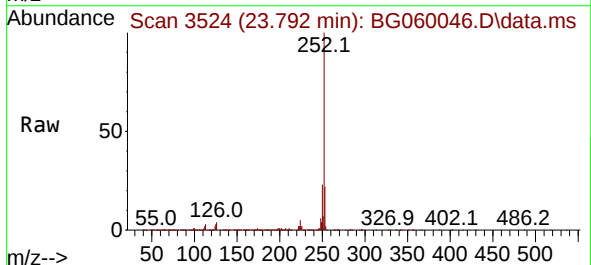
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 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

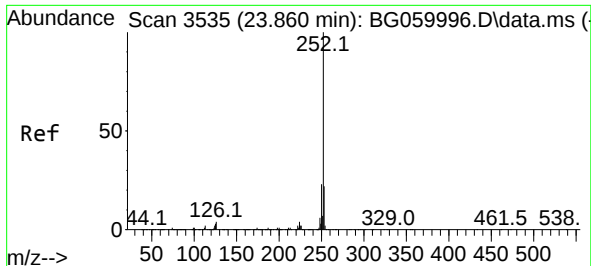
Tgt Ion:276 Resp: 2969538  
 Ion Ratio Lower Upper  
 276 100  
 138 5.4 4.7 7.1  
 277 25.2 20.0 30.0



#88  
 Benzo(b)fluoranthene  
 Concen: 40.669 ng  
 RT: 23.792 min Scan# 3524  
 Delta R.T. 0.003 min  
 Lab File: BG060046.D  
 Acq: 15 Dec 2023 22:35

Tgt Ion:252 Resp: 2504054  
 Ion Ratio Lower Upper  
 252 100  
 253 22.5 17.4 26.2  
 125 3.3 2.6 4.0

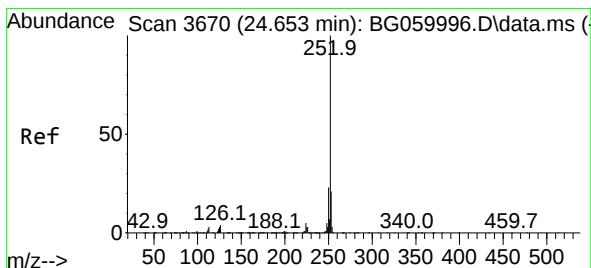
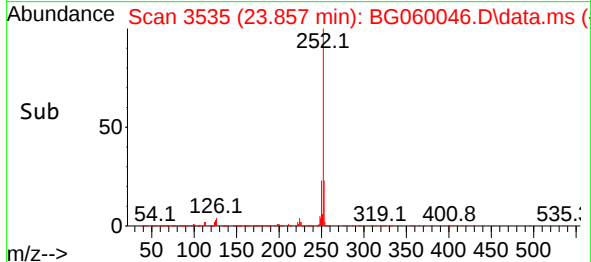
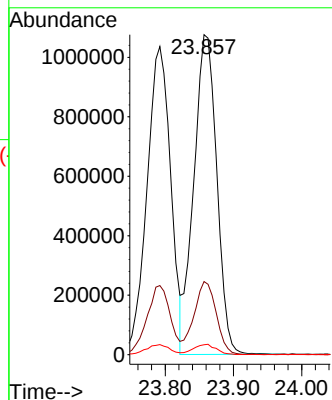
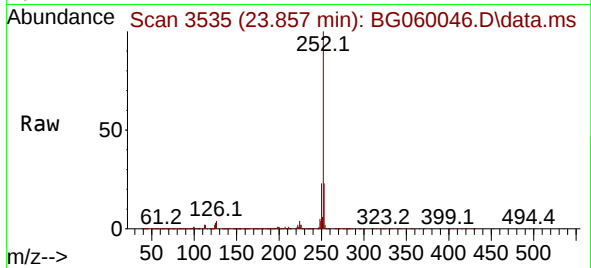




#89  
Benzo(k)fluoranthene  
Concen: 42.041 ng  
RT: 23.857 min Scan# 31  
Delta R.T. -0.003 min  
Lab File: BG060046.D  
Acq: 15 Dec 2023 22:35

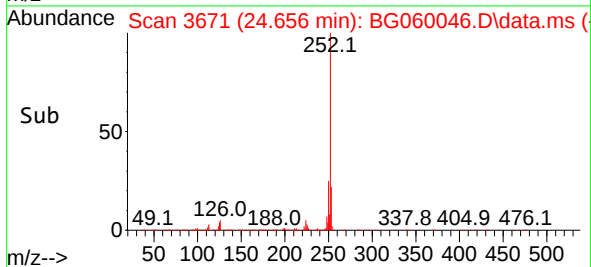
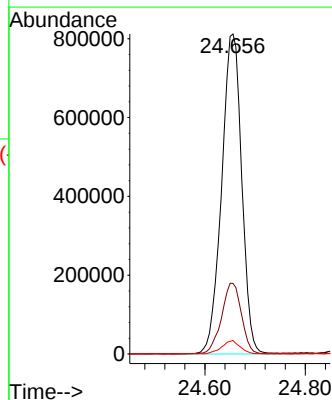
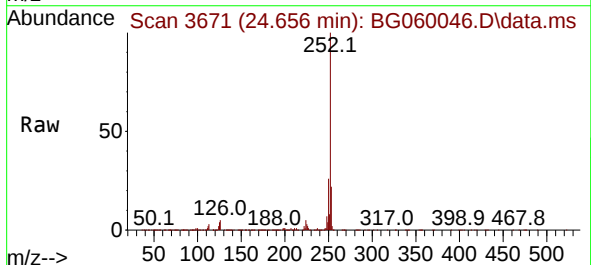
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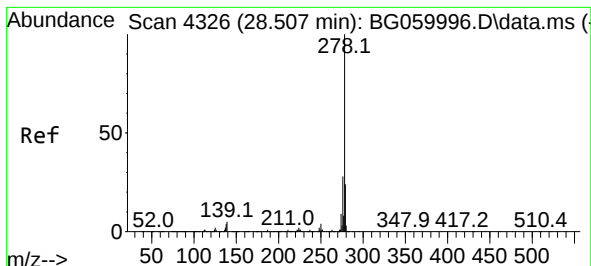
Tgt Ion:252 Resp: 2510843  
Ion Ratio Lower Upper  
252 100  
253 22.8 17.8 26.6  
125 3.1 2.5 3.7



#90  
Benzo(a)pyrene  
Concen: 41.326 ng  
RT: 24.656 min Scan# 3671  
Delta R.T. 0.003 min  
Lab File: BG060046.D  
Acq: 15 Dec 2023 22:35

Tgt Ion:252 Resp: 2254378  
Ion Ratio Lower Upper  
252 100  
253 22.1 17.1 25.7  
125 4.2 2.6 4.0#





#91

Dibenzo(a,h)anthracene

Concen: 42.224 ng

RT: 28.510 min Scan# 41

Delta R.T. 0.003 min

Lab File: BG060046.D

Acq: 15 Dec 2023 22:35

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

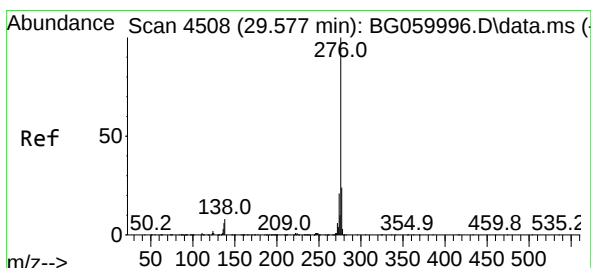
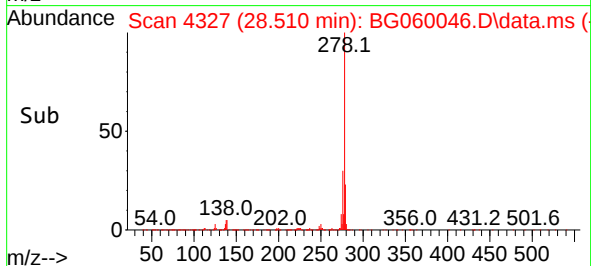
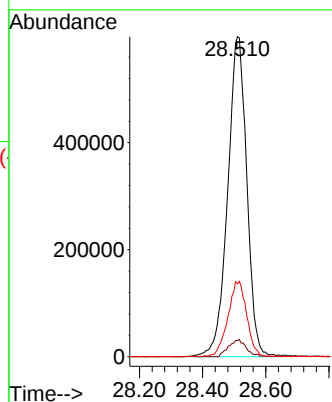
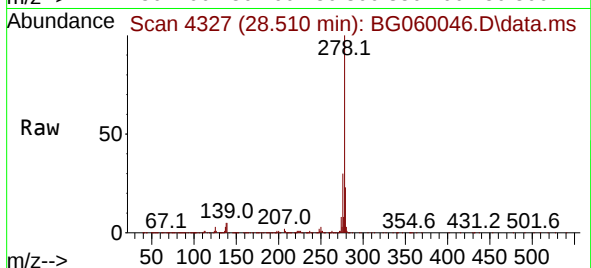
Tgt Ion:278 Resp: 2512171

Ion Ratio Lower Upper

278 100

139 5.0 4.4 6.6

279 22.8 19.4 29.2



#92

Benzo(g,h,i)perylene

Concen: 41.428 ng

RT: 29.591 min Scan# 4511

Delta R.T. 0.015 min

Lab File: BG060046.D

Acq: 15 Dec 2023 22:35

Tgt Ion:276 Resp: 2451741

Ion Ratio Lower Upper

276 100

277 23.3 19.4 29.2

138 7.1 6.0 9.0

