

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG112123\  
 Data File : BG059785.D  
 Acq On : 21 Nov 2023 9:47  
 Operator : MA/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

Quant Time: Nov 22 09:55:27 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG111623.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Nov 17 01:51:38 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.340  | 152  | 32406    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 11.183 | 136  | 145163   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.967 | 164  | 102240   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.717 | 188  | 355097   | 20.000  | ng    | # 0.00   |
| 76) Chrysene-d12              | 22.047 | 240  | 181653   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 25.625 | 264  | 194591   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.825  | 112  | 129787   | 67.410  | ng    | 0.00     |
| 7) Phenol-d6                  | 7.458  | 99   | 201127   | 70.493  | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.538  | 82   | 315724   | 83.066  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.454 | 330  | 152156   | 131.165 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.586 | 172  | 652090   | 85.851  | ng    | 0.00     |
| 79) Terphenyl-d14             | 20.290 | 244  | 1613168  | 131.098 | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.669  | 88   | 30907    | 34.178  | ng    | 95       |
| 3) Pyridine                   | 4.086  | 79   | 73567    | 29.786  | ng    | # 92     |
| 4) n-Nitrosodimethylamine     | 4.015  | 42   | 41950    | 31.926  | ng    | # 64     |
| 6) Aniline                    | 7.658  | 93   | 132883   | 35.291  | ng    | 95       |
| 8) 2-Chlorophenol             | 7.887  | 128  | 74570    | 35.702  | ng    | 92       |
| 9) Benzaldehyde               | 7.476  | 77   | 68773    | 35.659  | ng    | 92       |
| 10) Phenol                    | 7.488  | 94   | 102523   | 34.865  | ng    | 94       |
| 11) bis(2-Chloroethyl)ether   | 7.752  | 93   | 65694    | 35.888  | ng    | 97       |
| 12) 1,3-Dichlorobenzene       | 8.216  | 146  | 85850    | 37.003  | ng    | 95       |
| 13) 1,4-Dichlorobenzene       | 8.375  | 146  | 94048    | 40.367  | ng    | 97       |
| 14) 1,2-Dichlorobenzene       | 8.692  | 146  | 88426    | 38.202  | ng    | # 89     |
| 15) Benzyl Alcohol            | 8.581  | 79   | 131693   | 40.477  | ng    | 97       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.851  | 45   | 26658    | 39.582  | ng    | # 76     |
| 17) 2-Methylphenol            | 8.763  | 107  | 85215    | 39.344  | ng    | 91       |
| 18) Hexachloroethane          | 9.421  | 117  | 41382    | 41.848  | ng    | 98       |
| 19) n-Nitroso-di-n-propyla... | 9.145  | 70   | 90467    | 40.265  | ng    | 97       |
| 20) 3+4-Methylphenols         | 9.092  | 107  | 120137   | 39.955  | ng    | 98       |
| 22) Acetophenone              | 9.180  | 105  | 169893   | 41.339  | ng    | 98       |
| 24) Nitrobenzene              | 9.585  | 77   | 141379   | 40.387  | ng    | 98       |
| 25) Isophorone                | 10.091 | 82   | 239460   | 37.527  | ng    | 97       |
| 26) 2-Nitrophenol             | 10.284 | 139  | 46469    | 36.208  | ng    | # 89     |
| 27) 2,4-Dimethylphenol        | 10.314 | 122  | 95677    | 36.666  | ng    | 91       |
| 28) bis(2-Chloroethoxy)met... | 10.566 | 93   | 92913    | 38.748  | ng    | 98       |
| 29) 2,4-Dichlorophenol        | 10.813 | 162  | 88549    | 39.747  | ng    | # 76     |
| 30) 1,2,4-Trichlorobenzene    | 11.031 | 180  | 92416    | 41.046  | ng    | # 95     |
| 31) Naphthalene               | 11.236 | 128  | 289602   | 39.675  | ng    | # 94     |
| 32) Benzoic acid              | 10.431 | 122  | 71729    | 40.392  | ng    | 93       |
| 33) 4-Chloroaniline           | 11.354 | 127  | 125681   | 40.481  | ng    | 91       |
| 34) Hexachlorobutadiene       | 11.465 | 225  | 66156    | 43.172  | ng    | # 90     |
| 35) Caprolactam               | 12.147 | 113  | 29758    | 36.548  | ng    | # 74     |
| 36) 4-Chloro-3-methylphenol   | 12.423 | 107  | 127883   | 43.162  | ng    | # 94     |
| 37) 2-Methylnaphthalene       | 12.817 | 142  | 241241   | 39.240  | ng    | # 86     |
| 38) 1-Methylnaphthalene       | 13.034 | 142  | 216849   | 38.249  | ng    | 93       |
| 40) 1,2,4,5-Tetrachloroben... | 13.158 | 216  | 113342   | 41.049  | ng    | 95       |
| 41) Hexachlorocyclopentadiene | 13.111 | 237  | 72969    | 42.130  | ng    | 94       |
| 43) 2,4,6-Trichlorophenol     | 13.398 | 196  | 79664    | 41.490  | ng    | 91       |

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 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

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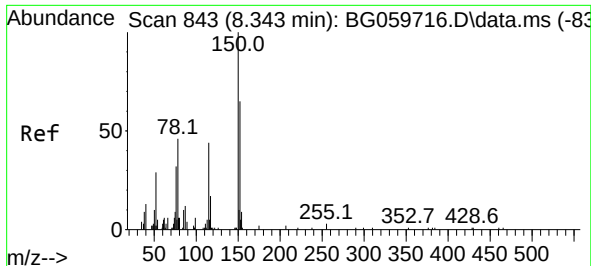
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 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG111623.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Nov 17 01:51:38 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 13.469 | 196  | 91016    | 40.342 | ng    | # 87     |
| 46) 1,1'-Biphenyl             | 13.804 | 154  | 321739   | 40.092 | ng    | 94       |
| 47) 2-Chloronaphthalene       | 13.857 | 162  | 228877   | 41.507 | ng    | # 93     |
| 48) 2-Nitroaniline            | 14.074 | 65   | 91694    | 46.575 | ng    | 86       |
| 49) Acenaphthylene            | 14.703 | 152  | 388537   | 41.324 | ng    | 96       |
| 50) Dimethylphthalate         | 14.409 | 163  | 339819   | 42.890 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 14.556 | 165  | 63437    | 42.205 | ng    | 95       |
| 52) Acenaphthene              | 15.032 | 154  | 239336   | 42.327 | ng    | 96       |
| 53) 3-Nitroaniline            | 14.897 | 138  | 71636    | 40.717 | ng    | 90       |
| 54) 2,4-Dinitrophenol         | 15.091 | 184  | 44104    | 39.487 | ng    | # 87     |
| 55) Dibenzofuran              | 15.367 | 168  | 394106   | 42.273 | ng    | 92       |
| 56) 4-Nitrophenol             | 15.167 | 139  | 55812    | 41.464 | ng    | 93       |
| 57) 2,4-Dinitrotoluene        | 15.331 | 165  | 95818    | 41.453 | ng    | # 97     |
| 58) Fluorene                  | 16.013 | 166  | 339511   | 43.834 | ng    | 96       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.572 | 232  | 80764    | 40.724 | ng    | 96       |
| 60) Diethylphthalate          | 15.749 | 149  | 377898   | 44.472 | ng    | 98       |
| 61) 4-Chlorophenyl-phenyle... | 15.990 | 204  | 178848   | 44.862 | ng    | 89       |
| 62) 4-Nitroaniline            | 16.054 | 138  | 68794    | 39.015 | ng    | # 77     |
| 63) Azobenzene                | 16.283 | 77   | 392455   | 41.560 | ng    | 98       |
| 65) 4,6-Dinitro-2-methylph... | 16.084 | 198  | 61221    | 28.211 | ng    | 90       |
| 66) n-Nitrosodiphenylamine    | 16.213 | 169  | 296998   | 28.632 | ng    | 97       |
| 67) 4-Bromophenyl-phenylether | 16.894 | 248  | 166045   | 43.527 | ng    | 96       |
| 68) Hexachlorobenzene         | 16.982 | 284  | 159209   | 44.715 | ng    | 90       |
| 69) Atrazine                  | 17.141 | 200  | 130869   | 39.350 | ng    | 99       |
| 70) Pentachlorophenol         | 17.335 | 266  | 115153   | 42.392 | ng    | 94       |
| 71) Phenanthrene              | 17.758 | 178  | 753198   | 41.719 | ng    | 96       |
| 72) Anthracene                | 17.852 | 178  | 778519   | 41.503 | ng    | 99       |
| 73) Carbazole                 | 18.128 | 167  | 664459   | 40.546 | ng    | 97       |
| 74) Di-n-butylphthalate       | 18.628 | 149  | 838025   | 42.306 | ng    | 98       |
| 75) Fluoranthene              | 19.750 | 202  | 822381   | 37.984 | ng    | 98       |
| 77) Benzidine                 | 19.938 | 184  | 217959   | 52.914 | ng    | 96       |
| 78) Pyrene                    | 20.114 | 202  | 785489   | 63.553 | ng    | 97       |
| 80) Butylbenzylphthalate      | 20.972 | 149  | 317307   | 62.610 | ng    | 97       |
| 81) Benzo(a)anthracene        | 22.024 | 228  | 480019   | 38.620 | ng    | 97       |
| 82) 3,3'-Dichlorobenzidine    | 21.936 | 252  | 186008   | 40.170 | ng    | 99       |
| 83) Chrysene                  | 22.024 | 228  | 480019   | 42.130 | ng    | 97       |
| 84) Bis(2-ethylhexyl)phtha... | 21.847 | 149  | 299774   | 42.313 | ng    | 99       |
| 85) Di-n-octyl phthalate      | 23.181 | 149  | 482444   | 35.373 | ng    | # 95     |
| 87) Indeno(1,2,3-cd)pyrene    | 29.797 | 276  | 596019   | 40.479 | ng    | # 83     |
| 88) Benzo(b)fluoranthene      | 24.474 | 252  | 488976   | 45.847 | ng    | 96       |
| 89) Benzo(k)fluoranthene      | 24.550 | 252  | 493471   | 46.801 | ng    | 99       |
| 90) Benzo(a)pyrene            | 25.461 | 252  | 459891   | 40.403 | ng    | # 100    |
| 91) Dibenzo(a,h)anthracene    | 29.873 | 278  | 501556   | 40.262 | ng    | # 95     |
| 92) Benzo(g,h,i)perylene      | 31.136 | 276  | 463271   | 39.194 | ng    | # 92     |

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

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QLast Update : Fri Nov 17 01:51:38 2023  
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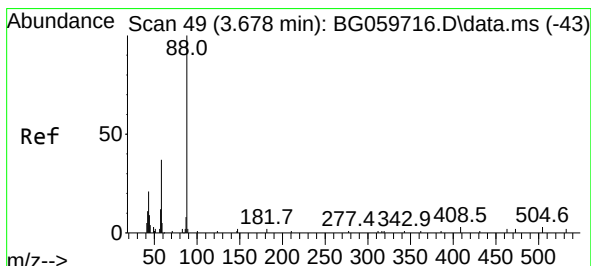
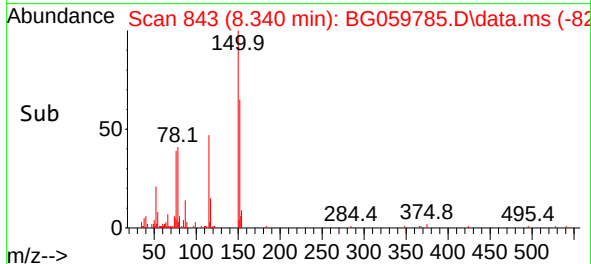
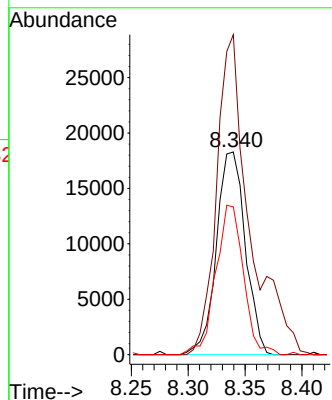
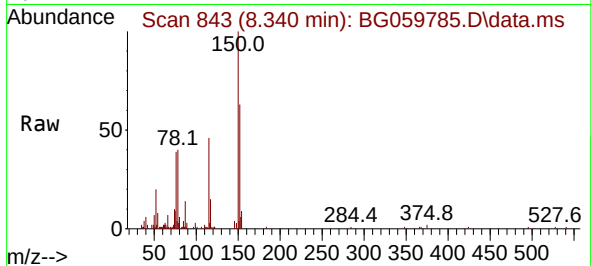




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 8.340 min Scan# 84  
 Delta R.T. -0.003 min  
 Lab File: BG059785.D  
 Acq: 21 Nov 2023 9:47

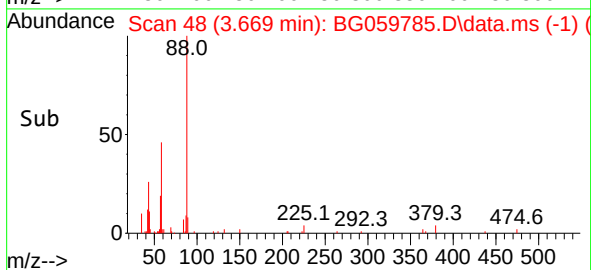
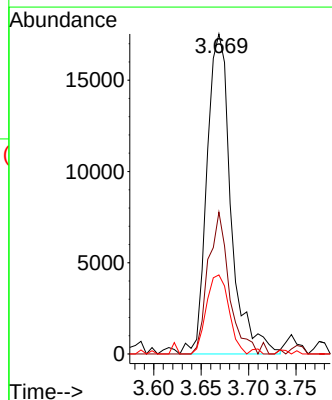
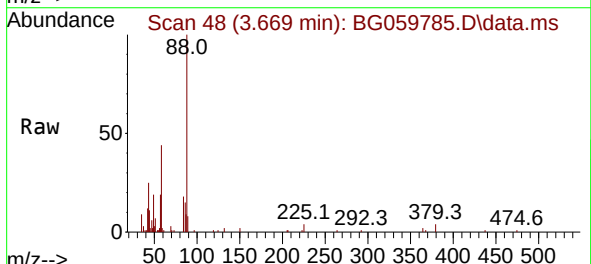
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

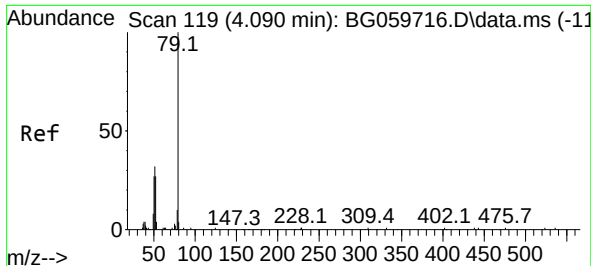
Tgt Ion:152 Resp: 32406  
 Ion Ratio Lower Upper  
 152 100  
 150 157.9 122.2 183.4  
 115 72.9 54.2 81.4



#2  
 1,4-Dioxane  
 Concen: 34.178 ng  
 RT: 3.669 min Scan# 48  
 Delta R.T. -0.010 min  
 Lab File: BG059785.D  
 Acq: 21 Nov 2023 9:47

Tgt Ion: 88 Resp: 30907  
 Ion Ratio Lower Upper  
 88 100  
 58 39.4 28.6 42.8  
 43 23.0 17.5 26.3

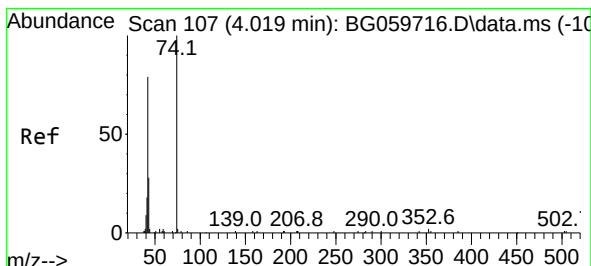
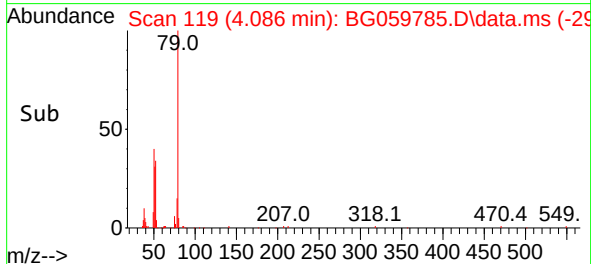
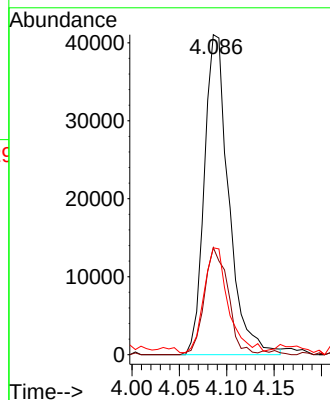
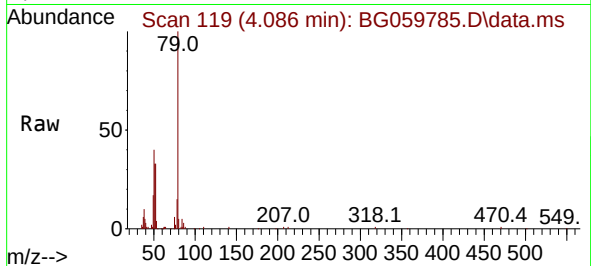




#3  
Pyridine  
Concen: 29.786 ng  
RT: 4.086 min Scan# 119  
Delta R.T. -0.004 min  
Lab File: BG059785.D  
Acq: 21 Nov 2023 9:47

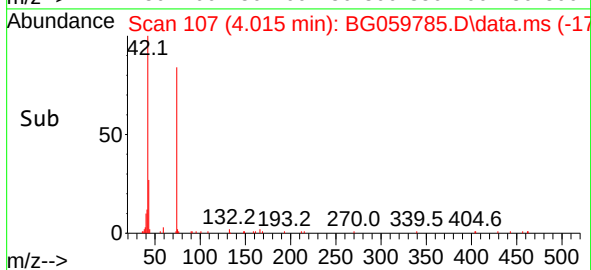
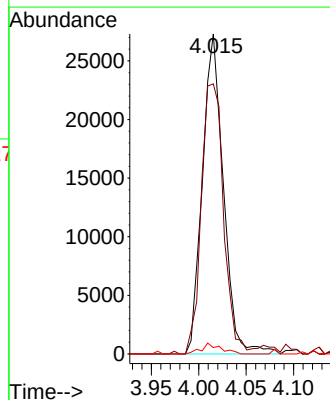
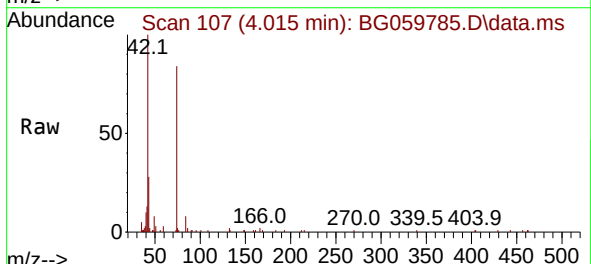
Instrument :  
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ClientSampleId :  
SSTDCCC040

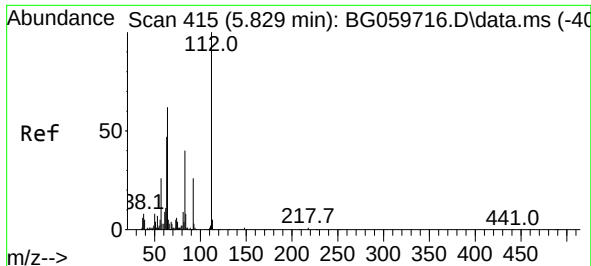
Tgt Ion: 79 Resp: 73567  
Ion Ratio Lower Upper  
79 100  
52 33.5 21.6 32.4#  
51 33.4 25.3 37.9



#4  
n-Nitrosodimethylamine  
Concen: 31.926 ng  
RT: 4.015 min Scan# 107  
Delta R.T. -0.004 min  
Lab File: BG059785.D  
Acq: 21 Nov 2023 9:47

Tgt Ion: 42 Resp: 41950  
Ion Ratio Lower Upper  
42 100  
74 84.4 101.2 151.8#  
44 2.0 2.4 3.6#

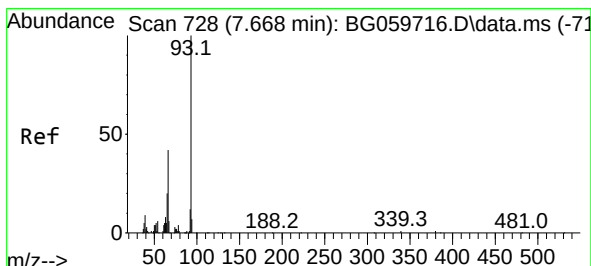
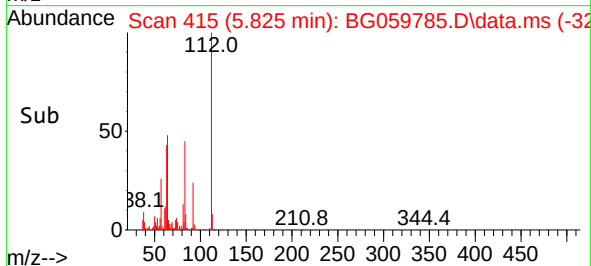
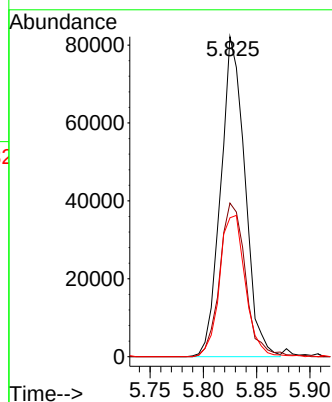
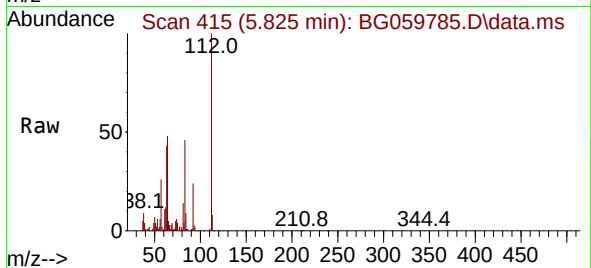




#5  
2-Fluorophenol  
Concen: 67.410 ng  
RT: 5.825 min Scan# 415  
Delta R.T. -0.004 min  
Lab File: BG059785.D  
Acq: 21 Nov 2023 9:47

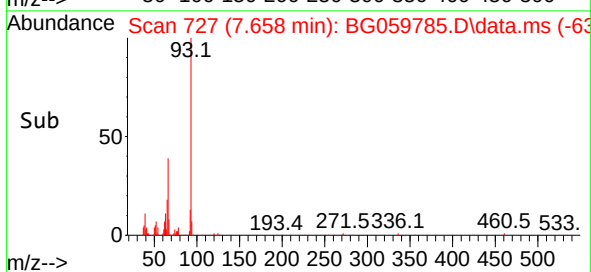
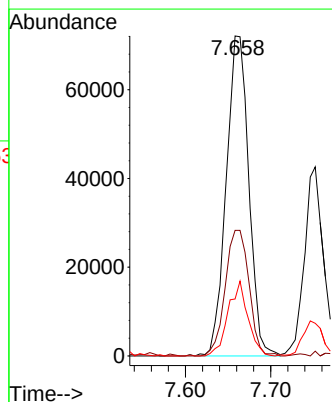
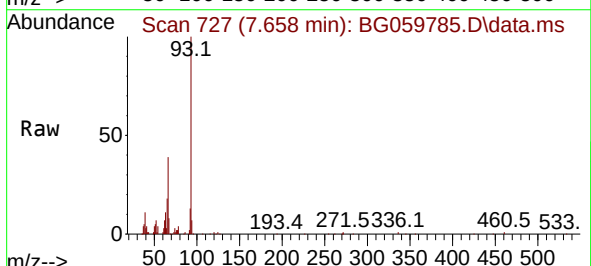
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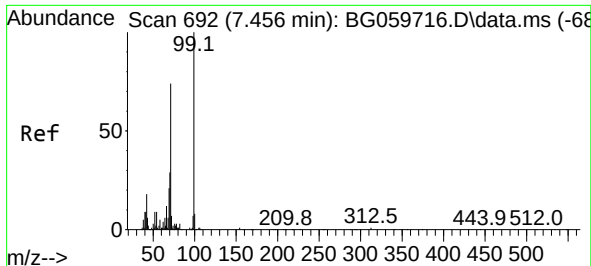
Tgt Ion:112 Resp: 129787  
Ion Ratio Lower Upper  
112 100  
64 48.0 49.5 74.3#  
63 43.4 37.4 56.2



#6  
Aniline  
Concen: 35.291 ng  
RT: 7.658 min Scan# 727  
Delta R.T. -0.010 min  
Lab File: BG059785.D  
Acq: 21 Nov 2023 9:47

Tgt Ion: 93 Resp: 132883  
Ion Ratio Lower Upper  
93 100  
66 39.3 33.9 50.9  
65 17.8 15.8 23.8

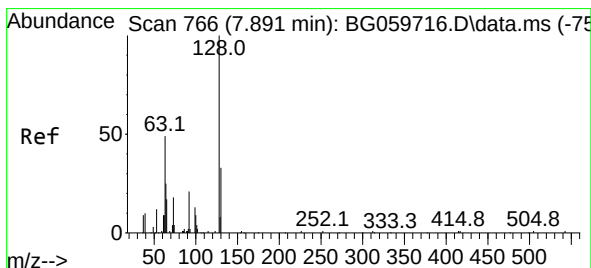
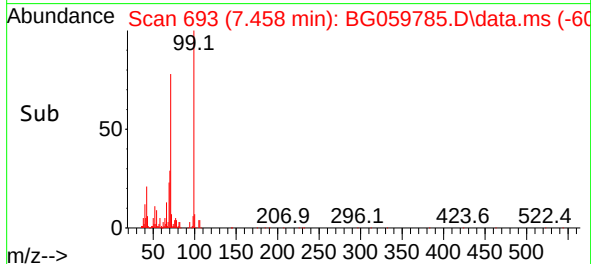
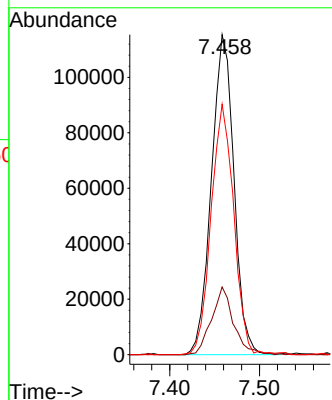
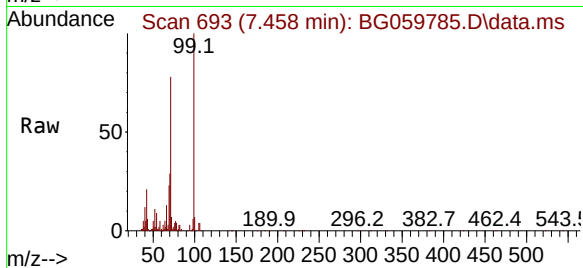




#7  
Phenol-d6  
Concen: 70.493 ng  
RT: 7.458 min Scan# 692  
Delta R.T. 0.002 min  
Lab File: BG059785.D  
Acq: 21 Nov 2023 9:47

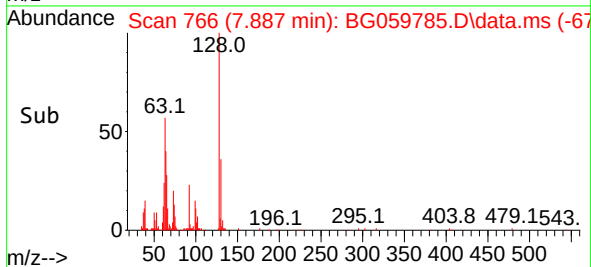
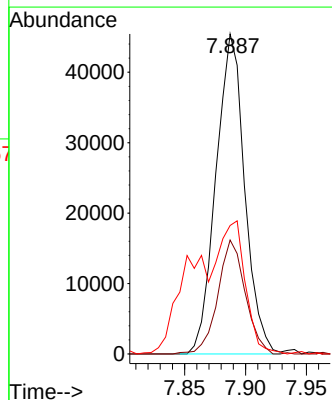
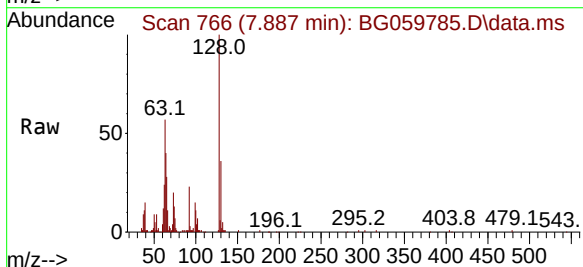
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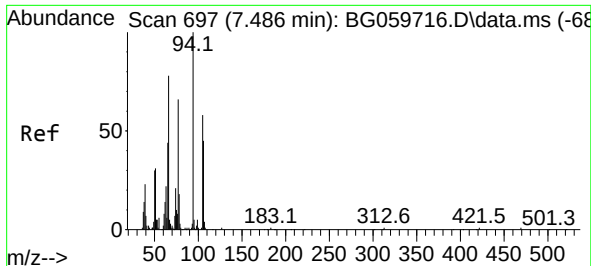
Tgt Ion: 99 Resp: 201127  
Ion Ratio Lower Upper  
99 100  
42 21.2 14.3 21.5  
71 78.3 59.3 88.9



#8  
2-Chlorophenol  
Concen: 35.702 ng  
RT: 7.887 min Scan# 766  
Delta R.T. -0.004 min  
Lab File: BG059785.D  
Acq: 21 Nov 2023 9:47

Tgt Ion: 128 Resp: 74570  
Ion Ratio Lower Upper  
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64 40.2 27.0 67.0

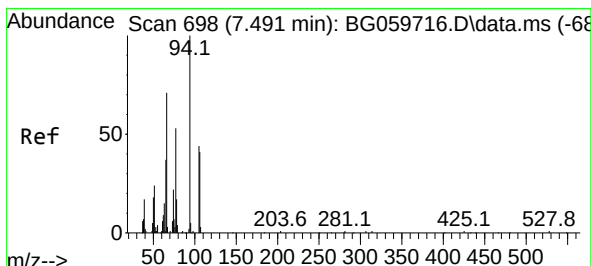
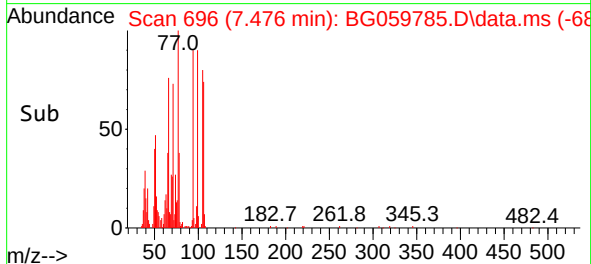
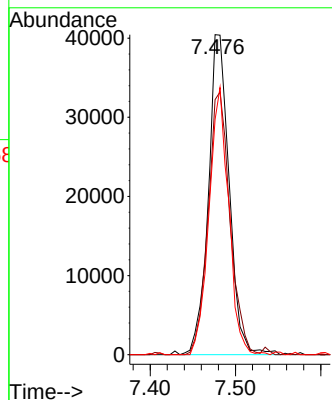
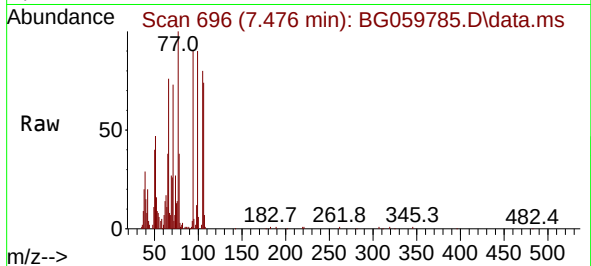




#9  
Benzaldehyde  
Concen: 35.659 ng  
RT: 7.476 min Scan# 697  
Delta R.T. -0.010 min  
Lab File: BG059785.D  
Acq: 21 Nov 2023 9:47

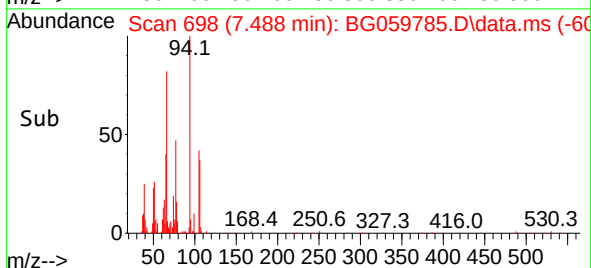
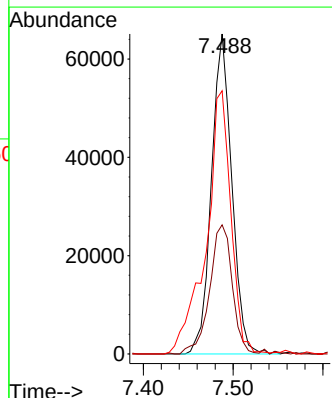
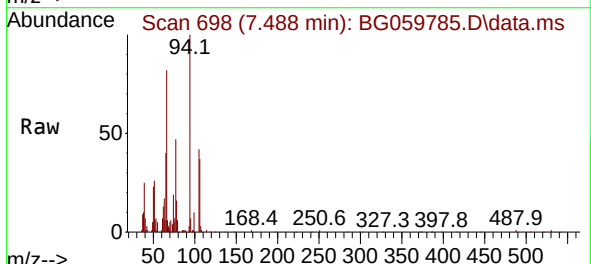
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

Tgt Ion: 77 Resp: 68773  
Ion Ratio Lower Upper  
77 100  
105 79.7 68.0 108.0  
106 73.5 48.1 88.1

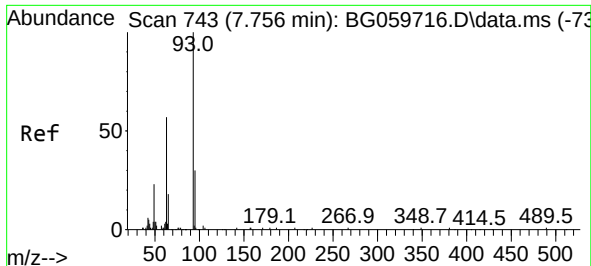


#10  
Phenol  
Concen: 34.865 ng  
RT: 7.488 min Scan# 698  
Delta R.T. -0.004 min  
Lab File: BG059785.D  
Acq: 21 Nov 2023 9:47

Tgt Ion: 94 Resp: 102523  
Ion Ratio Lower Upper  
94 100  
65 40.4 18.1 58.1  
66 82.3 56.6 96.6



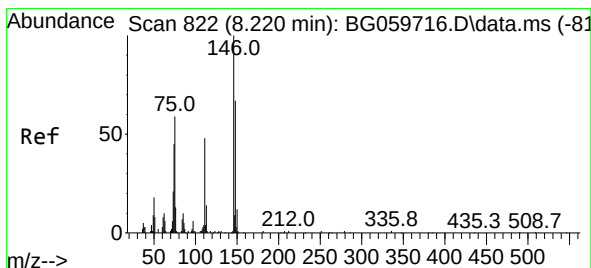
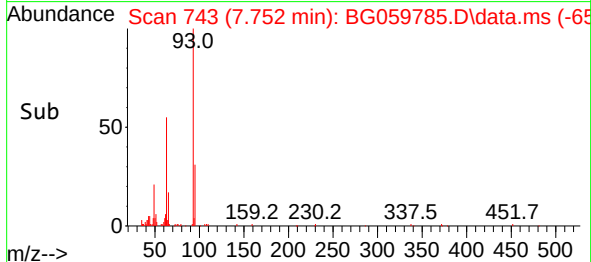
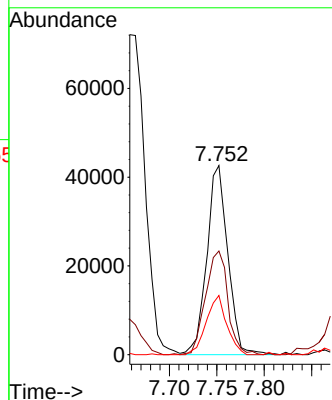
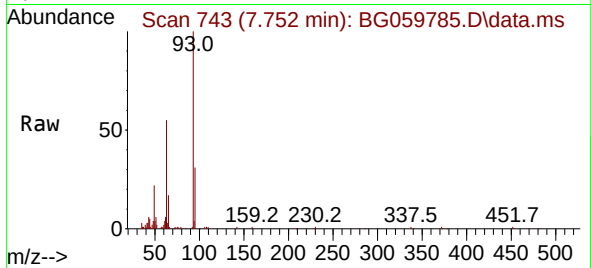




#11  
bis(2-Chloroethyl)ether  
Concen: 35.888 ng  
RT: 7.752 min Scan# 743  
Delta R.T. -0.004 min  
Lab File: BG059785.D  
Acq: 21 Nov 2023 9:47

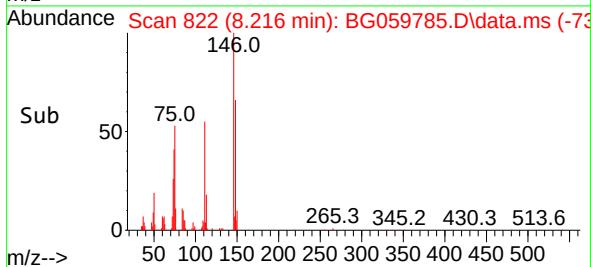
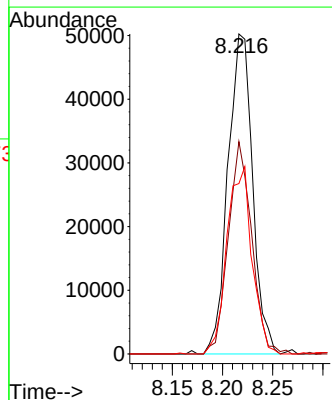
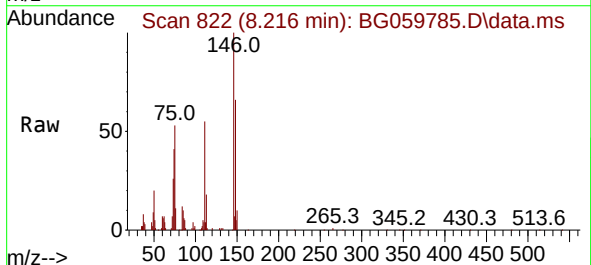
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

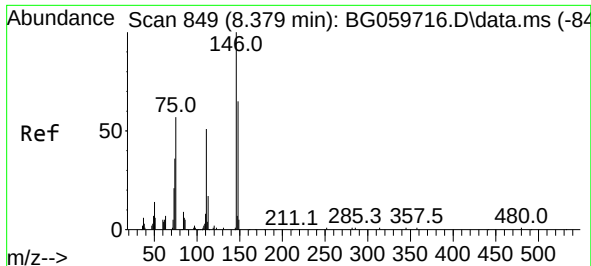
Tgt Ion: 93 Resp: 65694  
Ion Ratio Lower Upper  
93 100  
63 54.8 37.2 77.2  
95 31.3 10.2 50.2



#12  
1,3-Dichlorobenzene  
Concen: 37.003 ng  
RT: 8.216 min Scan# 822  
Delta R.T. -0.004 min  
Lab File: BG059785.D  
Acq: 21 Nov 2023 9:47

Tgt Ion:146 Resp: 85850  
Ion Ratio Lower Upper  
146 100  
148 66.4 53.9 80.9  
75 53.2 47.5 71.3

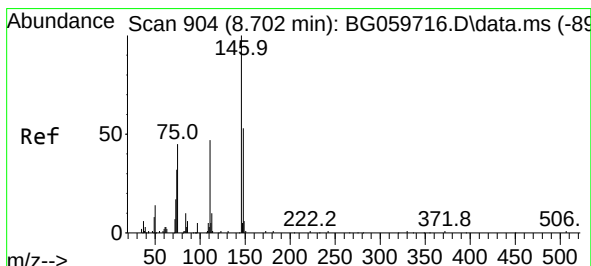
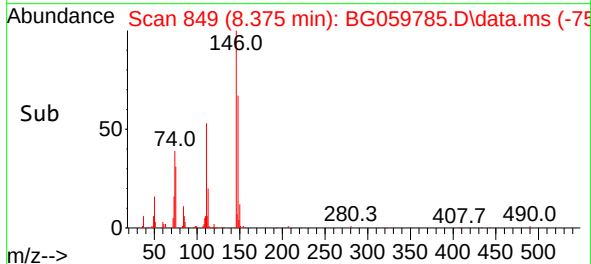
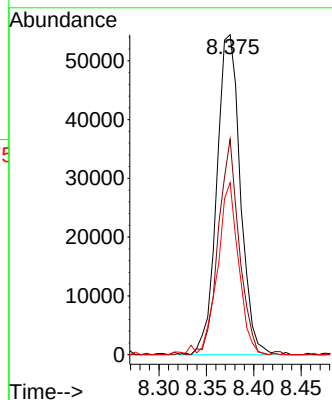
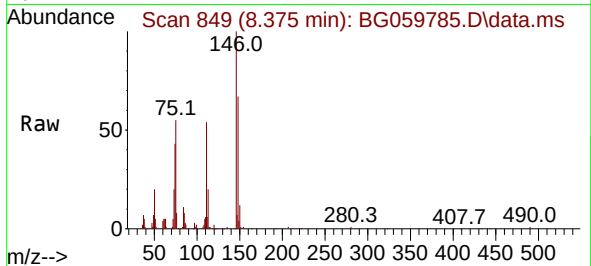




#13  
1,4-Dichlorobenzene  
Concen: 40.367 ng  
RT: 8.375 min Scan# 849  
Delta R.T. -0.004 min  
Lab File: BG059785.D  
Acq: 21 Nov 2023 9:47

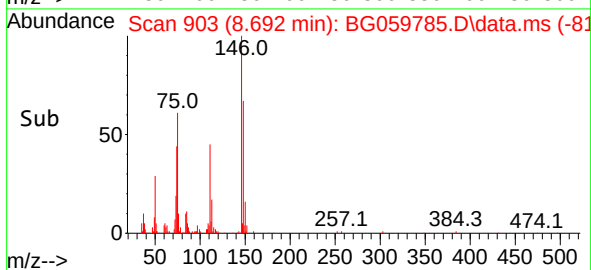
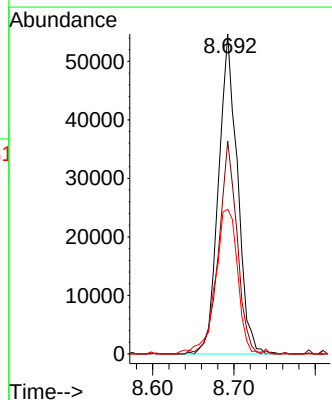
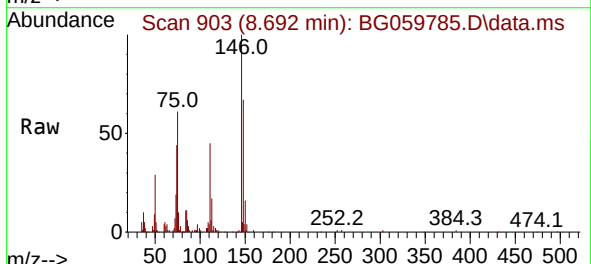
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

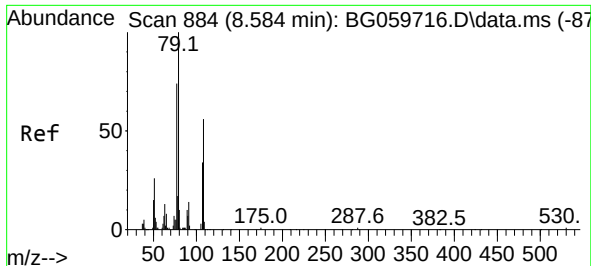
Tgt Ion:146 Resp: 94048  
Ion Ratio Lower Upper  
146 100  
148 67.4 52.3 78.5  
111 53.8 41.2 61.8



#14  
1,2-Dichlorobenzene  
Concen: 38.202 ng  
RT: 8.692 min Scan# 903  
Delta R.T. -0.010 min  
Lab File: BG059785.D  
Acq: 21 Nov 2023 9:47

Tgt Ion:146 Resp: 88426  
Ion Ratio Lower Upper  
146 100  
148 66.6 43.1 64.7#  
111 45.3 38.3 57.5

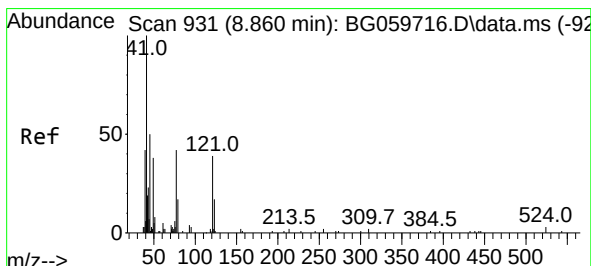
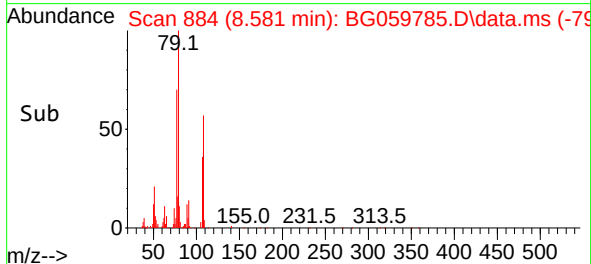
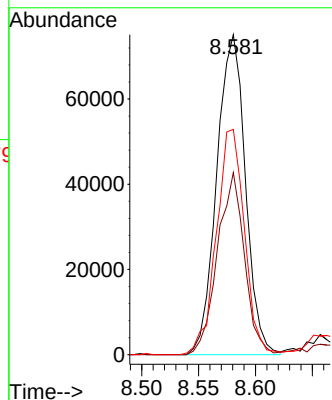
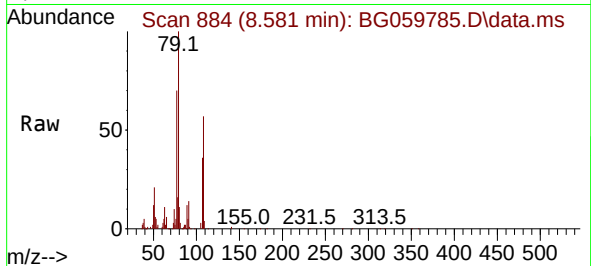




#15  
Benzyl Alcohol  
Concen: 40.477 ng  
RT: 8.581 min Scan# 884  
Delta R.T. -0.004 min  
Lab File: BG059785.D  
Acq: 21 Nov 2023 9:47

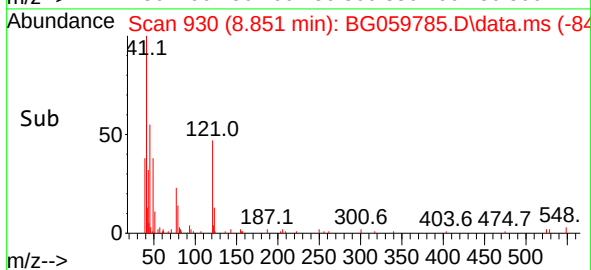
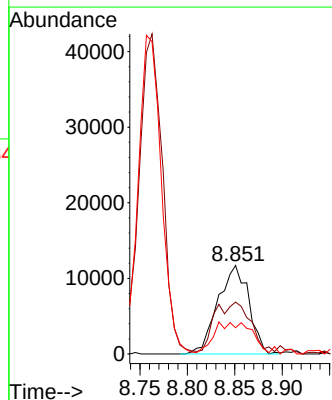
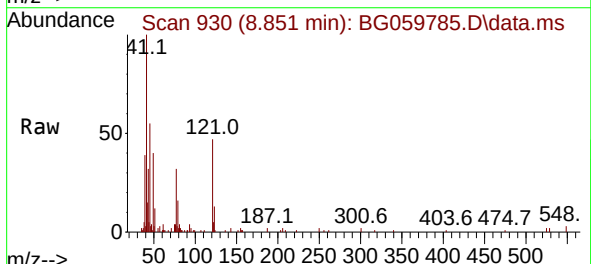
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

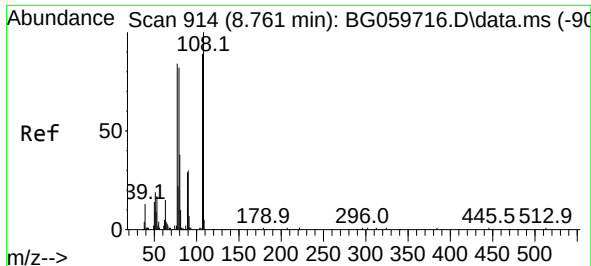
Tgt Ion: 79 Resp: 131693  
Ion Ratio Lower Upper  
79 100  
108 56.9 45.4 68.2  
77 70.4 59.4 89.2



#16  
2,2'-oxybis(1-chloropropane)  
Concen: 39.582 ng  
RT: 8.851 min Scan# 930  
Delta R.T. -0.010 min  
Lab File: BG059785.D  
Acq: 21 Nov 2023 9:47

Tgt Ion: 45 Resp: 26658  
Ion Ratio Lower Upper  
45 100  
77 58.7 63.6 103.6#  
79 29.7 19.6 59.6

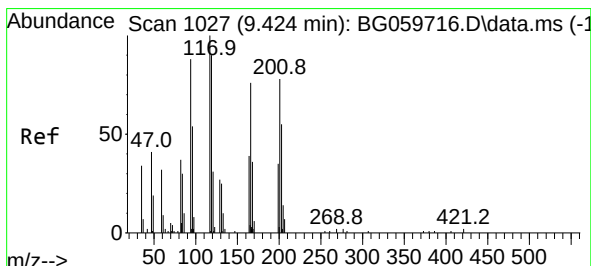
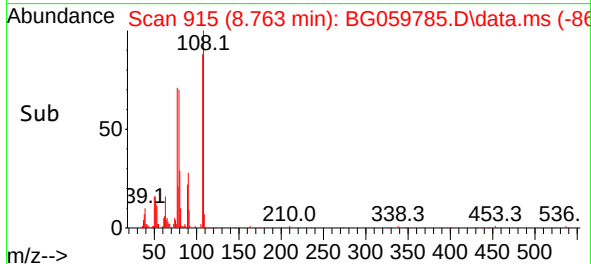
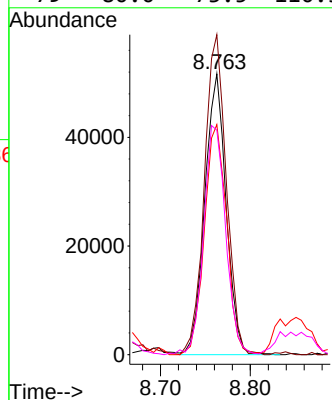
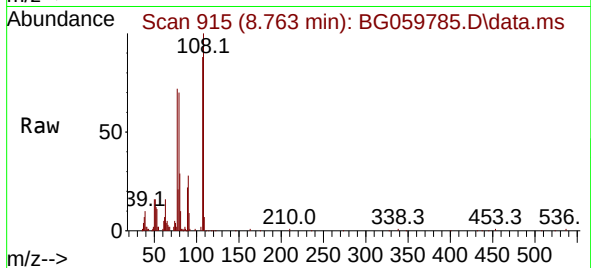




#17  
2-Methylphenol  
Concen: 39.344 ng  
RT: 8.763 min Scan# 914  
Delta R.T. 0.002 min  
Lab File: BG059785.D  
Acq: 21 Nov 2023 9:47

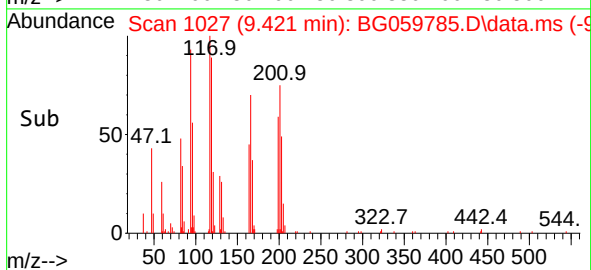
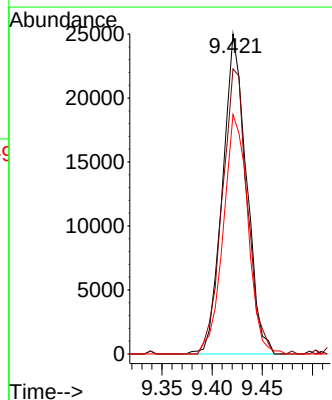
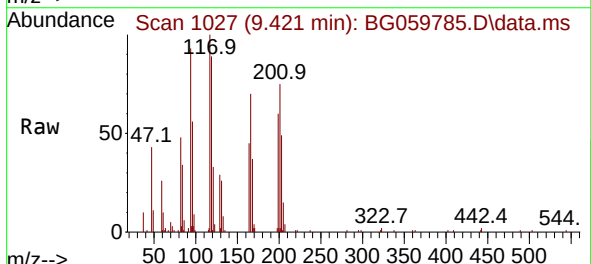
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

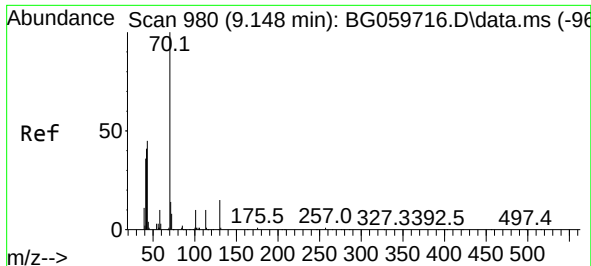
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 107   | Resp: | 85215 |
| Ion      | Ratio | Lower | Upper |
| 107      | 100   |       |       |
| 108      | 113.9 | 90.0  | 135.0 |
| 77       | 81.9  | 76.5  | 114.7 |
| 79       | 80.0  | 73.5  | 110.3 |



#18  
Hexachloroethane  
Concen: 41.848 ng  
RT: 9.421 min Scan# 1027  
Delta R.T. -0.004 min  
Lab File: BG059785.D  
Acq: 21 Nov 2023 9:47

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 41382 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 89.1  | 71.8  | 107.8 |
| 201      | 74.8  | 62.2  | 93.4  |

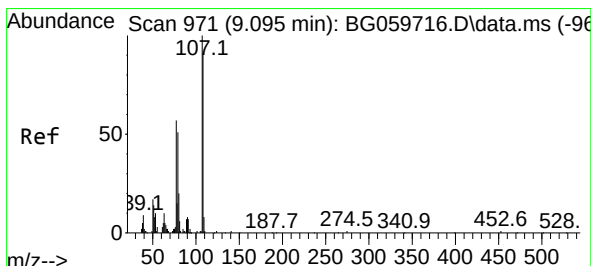
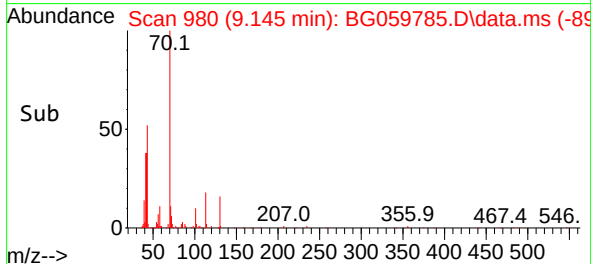
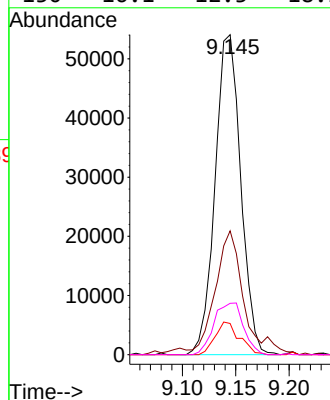
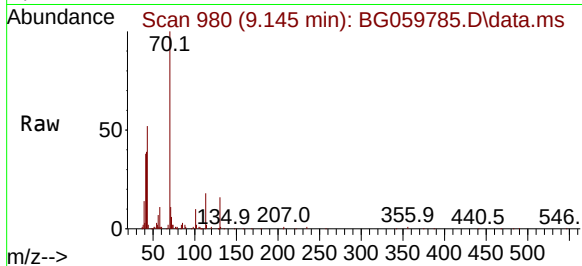




#19  
n-Nitroso-di-n-propylamine  
Concen: 40.265 ng  
RT: 9.145 min Scan# 91  
Delta R.T. -0.004 min  
Lab File: BG059785.D  
Acq: 21 Nov 2023 9:47

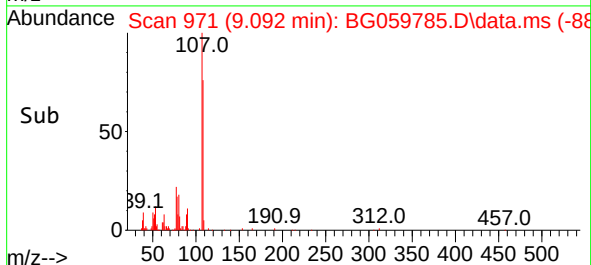
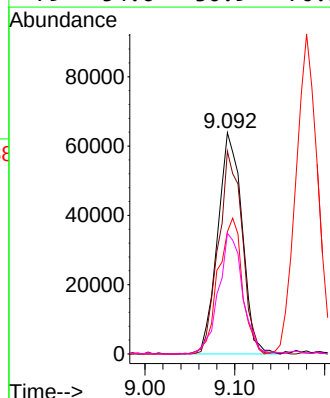
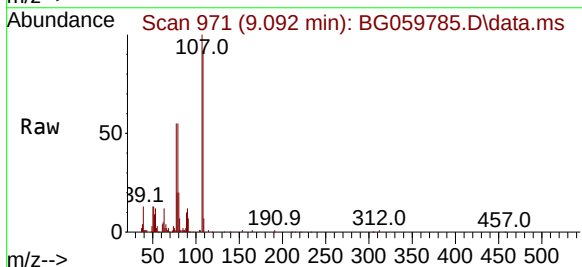
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

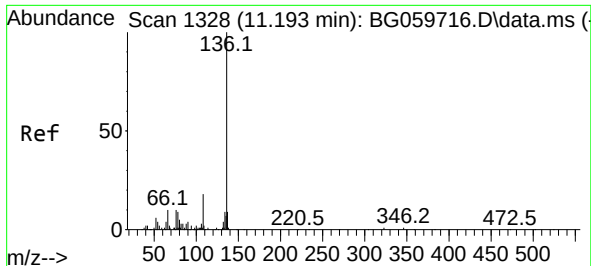
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 70    | Resp: | 90467 |
| Ion      | Ratio | Lower | Upper |
| 70       | 100   |       |       |
| 42       | 38.7  | 32.8  | 49.2  |
| 101      | 9.7   | 7.7   | 11.5  |
| 130      | 16.1  | 12.3  | 18.5  |



#20  
3+4-Methylphenols  
Concen: 39.955 ng  
RT: 9.092 min Scan# 971  
Delta R.T. -0.004 min  
Lab File: BG059785.D  
Acq: 21 Nov 2023 9:47

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 120137 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 91.6  | 71.1  | 111.1  |
| 77       | 55.2  | 37.5  | 77.5   |
| 79       | 54.6  | 30.9  | 70.9   |

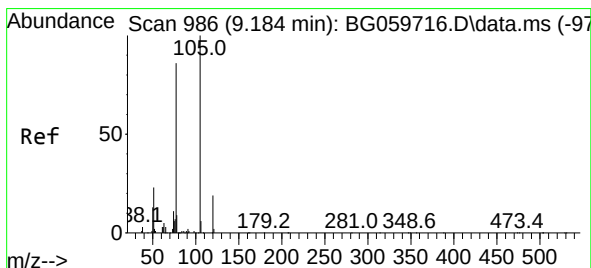
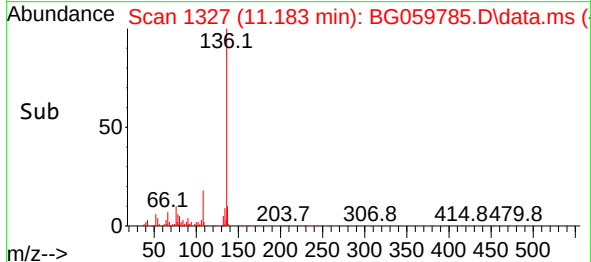
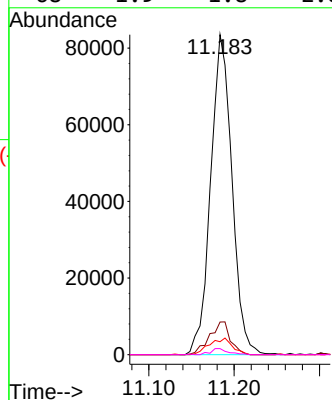
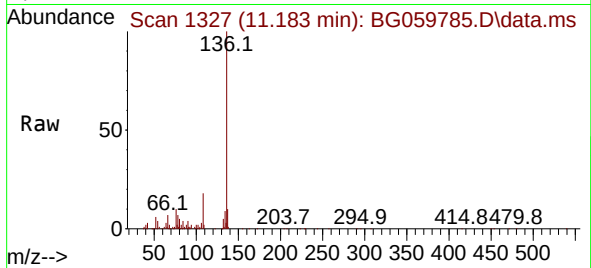




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 11.183 min Scan# 11  
Delta R.T. -0.010 min  
Lab File: BG059785.D  
Acq: 21 Nov 2023 9:47

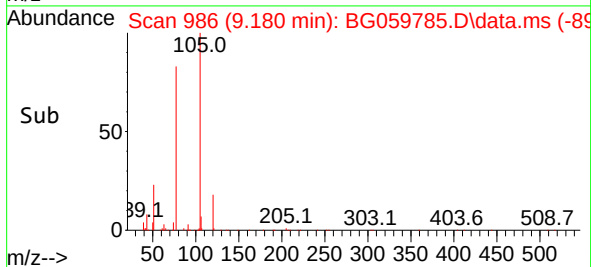
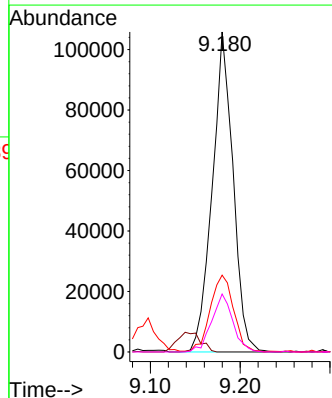
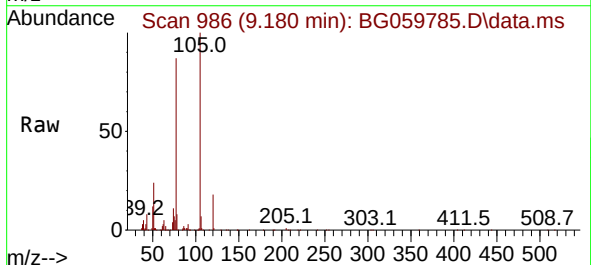
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

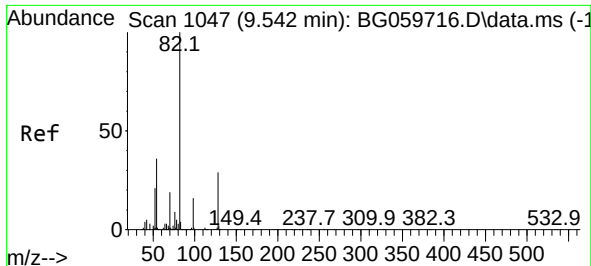
Tgt Ion:136 Resp: 145163  
Ion Ratio Lower Upper  
136 100  
137 10.2 7.4 11.0  
54 4.0 3.1 4.7  
68 1.9 1.8 2.8



#22  
Acetophenone  
Concen: 41.339 ng  
RT: 9.180 min Scan# 986  
Delta R.T. -0.004 min  
Lab File: BG059785.D  
Acq: 21 Nov 2023 9:47

Tgt Ion:105 Resp: 169893  
Ion Ratio Lower Upper  
105 100  
71 0.0 0.0 0.0  
51 24.0 18.4 27.6  
120 18.1 15.0 22.6

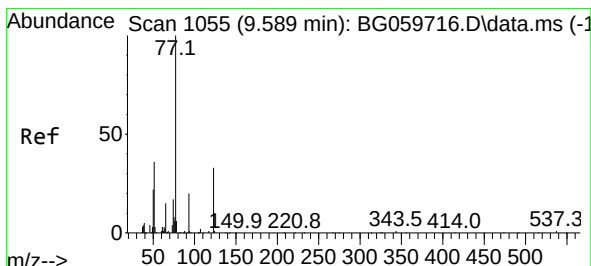
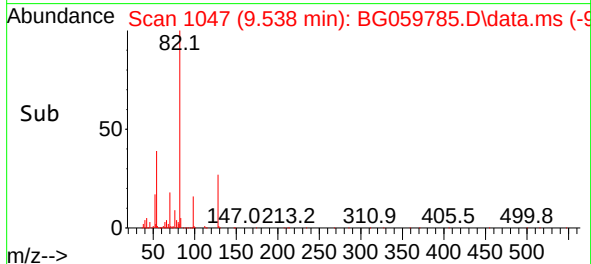
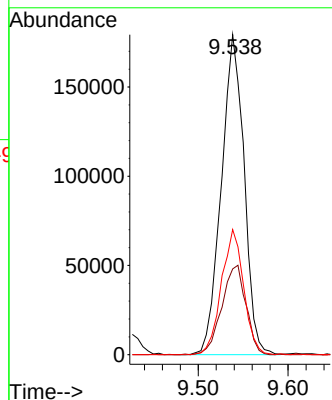
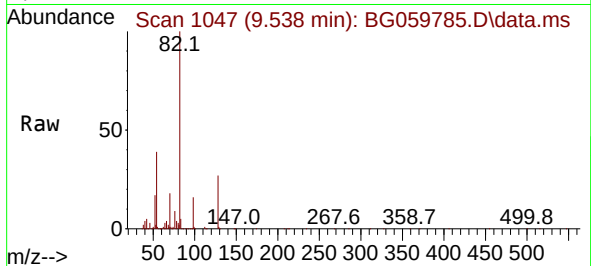




#23  
Nitrobenzene-d5  
Concen: 83.066 ng  
RT: 9.538 min Scan# 1047  
Delta R.T. -0.004 min  
Lab File: BG059785.D  
Acq: 21 Nov 2023 9:47

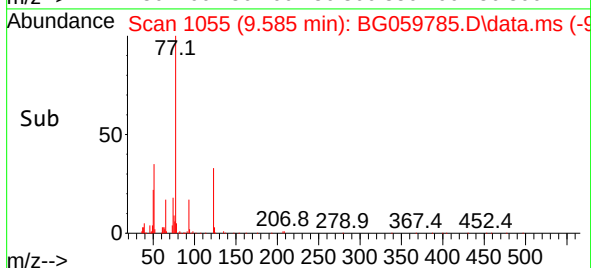
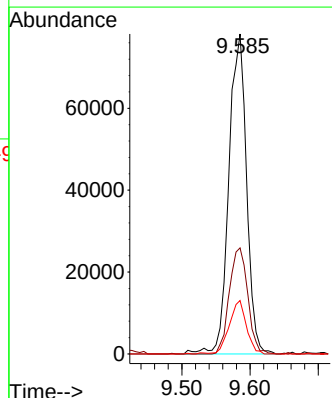
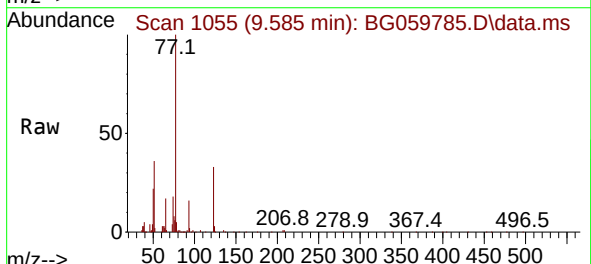
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

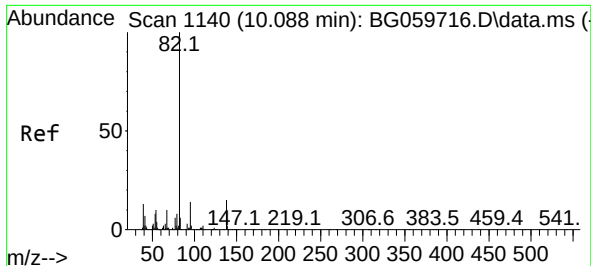
Tgt Ion: 82 Resp: 315724  
Ion Ratio Lower Upper  
82 100  
128 26.8 23.0 34.6  
54 39.1 28.7 43.1



#24  
Nitrobenzene  
Concen: 40.387 ng  
RT: 9.585 min Scan# 1055  
Delta R.T. -0.004 min  
Lab File: BG059785.D  
Acq: 21 Nov 2023 9:47

Tgt Ion: 77 Resp: 141379  
Ion Ratio Lower Upper  
77 100  
123 33.1 26.1 39.1  
65 16.7 12.1 18.1

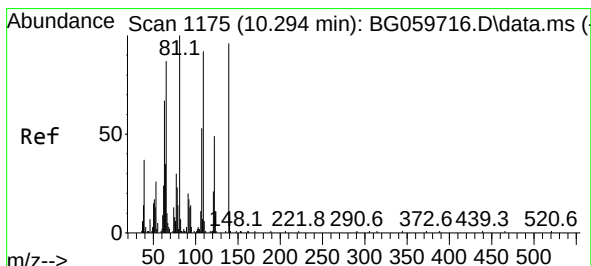
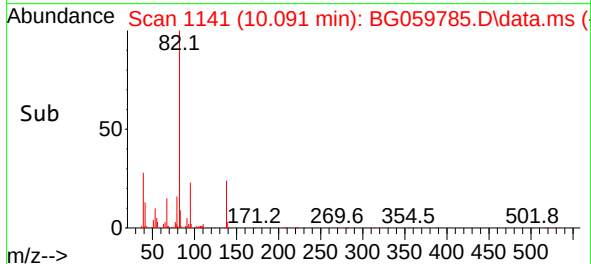
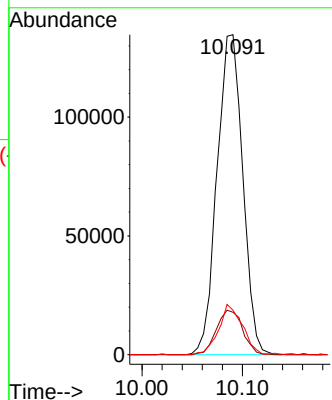
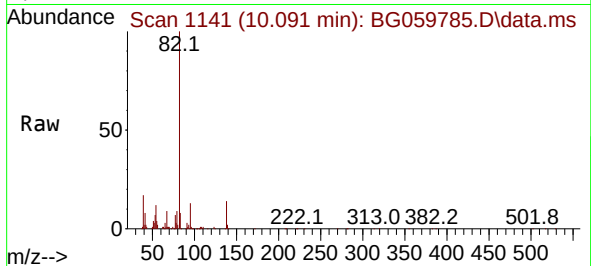




#25  
Isophorone  
Concen: 37.527 ng  
RT: 10.091 min Scan# 1141  
Delta R.T. 0.002 min  
Lab File: BG059785.D  
Acq: 21 Nov 2023 9:47

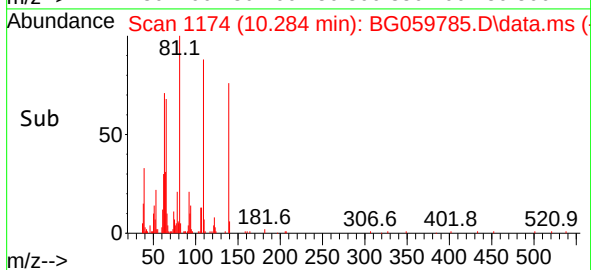
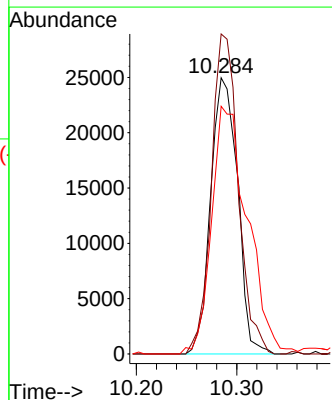
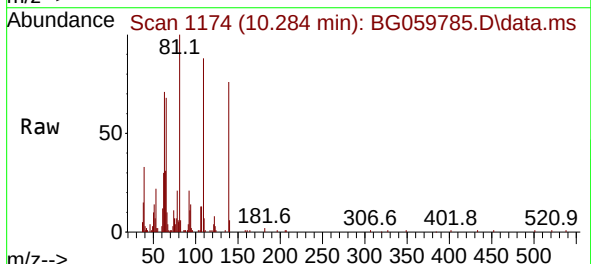
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

Tgt Ion: 82 Resp: 239460  
Ion Ratio Lower Upper  
82 100  
95 13.2 11.4 17.0  
138 13.9 12.1 18.1

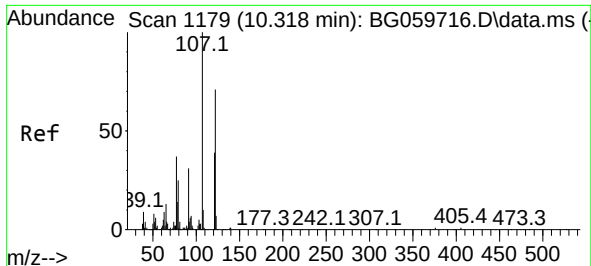


#26  
2-Nitrophenol  
Concen: 36.208 ng  
RT: 10.284 min Scan# 1174  
Delta R.T. -0.010 min  
Lab File: BG059785.D  
Acq: 21 Nov 2023 9:47

Tgt Ion:139 Resp: 46469  
Ion Ratio Lower Upper  
139 100  
109 115.9 76.7 115.1#  
65 89.7 72.1 108.1



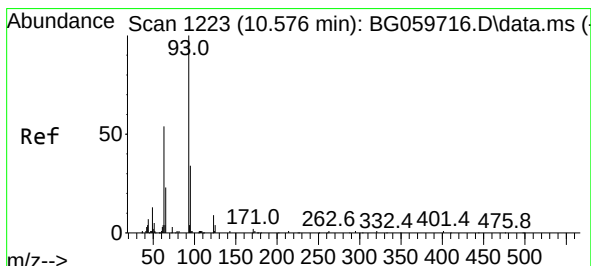
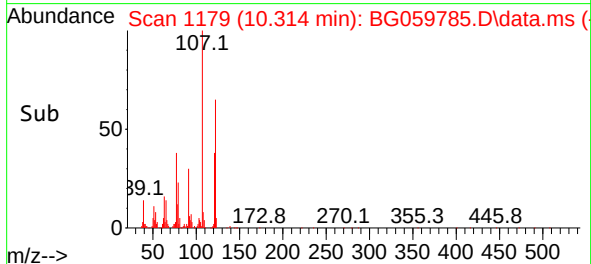
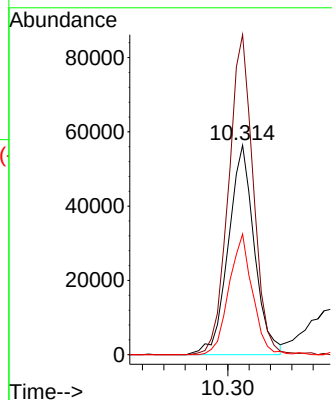
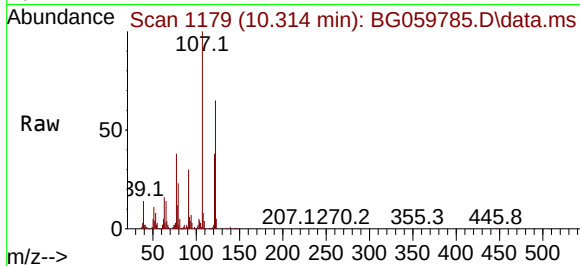




#27  
2,4-Dimethylphenol  
Concen: 36.666 ng  
RT: 10.314 min Scan# 1179  
Delta R.T. -0.004 min  
Lab File: BG059785.D  
Acq: 21 Nov 2023 9:47

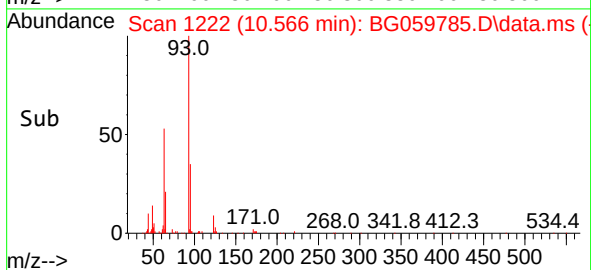
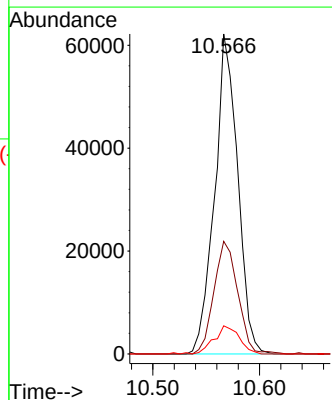
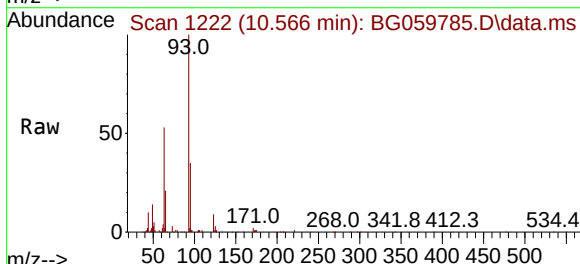
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

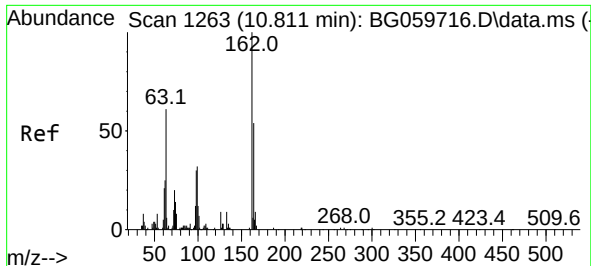
Tgt Ion:122 Resp: 95677  
Ion Ratio Lower Upper  
122 100  
107 152.8 112.1 168.1  
121 57.6 43.2 64.8



#28  
bis(2-Chloroethoxy)methane  
Concen: 38.748 ng  
RT: 10.566 min Scan# 1222  
Delta R.T. -0.010 min  
Lab File: BG059785.D  
Acq: 21 Nov 2023 9:47

Tgt Ion: 93 Resp: 92913  
Ion Ratio Lower Upper  
93 100  
95 35.2 27.0 40.6  
123 8.8 7.6 11.4





#29

2,4-Dichlorophenol

Concen: 39.747 ng

RT: 10.813 min Scan# 1

Delta R.T. 0.002 min

Lab File: BG059785.D

Acq: 21 Nov 2023 9:47

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

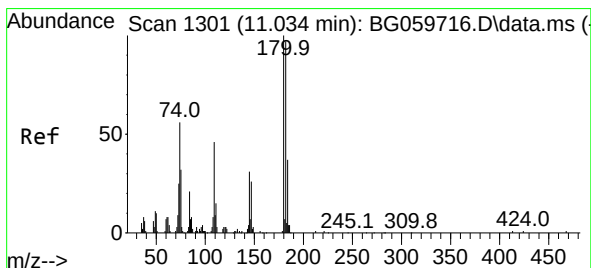
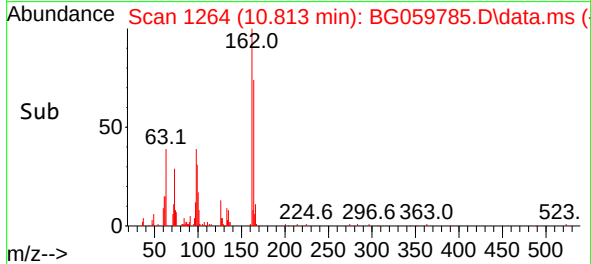
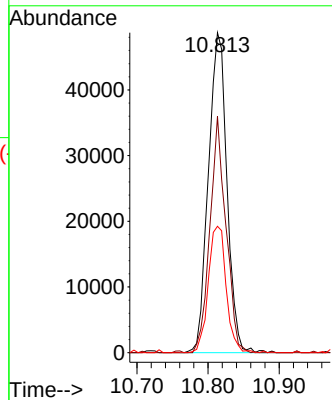
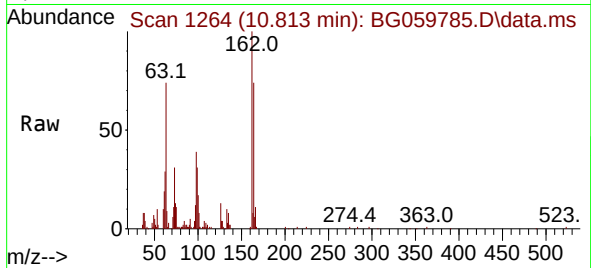
Tgt Ion:162 Resp: 88549

Ion Ratio Lower Upper

162 100

164 73.9 33.6 73.6#

98 39.5 10.7 50.7



#30

1,2,4-Trichlorobenzene

Concen: 41.046 ng

RT: 11.031 min Scan# 1301

Delta R.T. -0.004 min

Lab File: BG059785.D

Acq: 21 Nov 2023 9:47

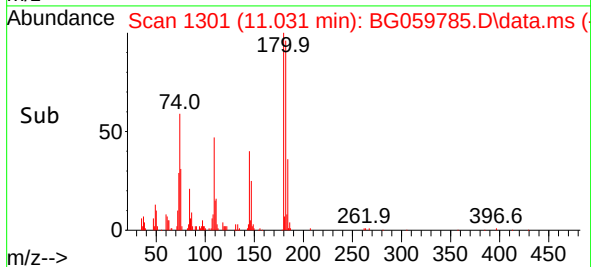
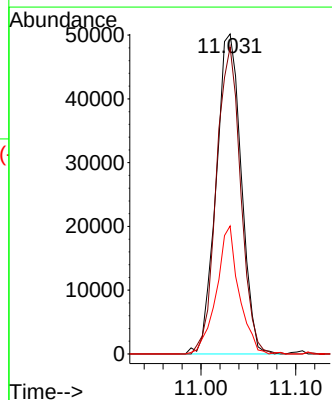
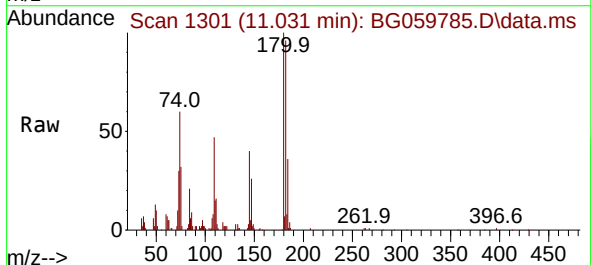
Tgt Ion:180 Resp: 92416

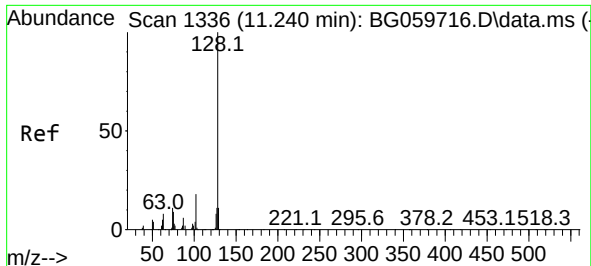
Ion Ratio Lower Upper

180 100

182 96.0 77.4 116.2

145 40.0 24.4 36.6#

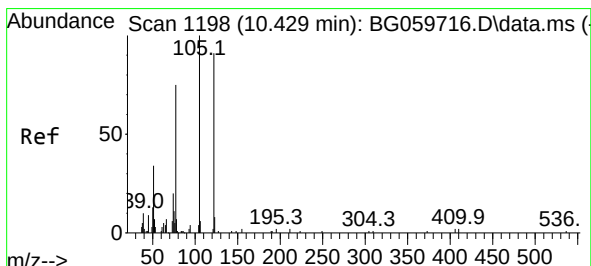
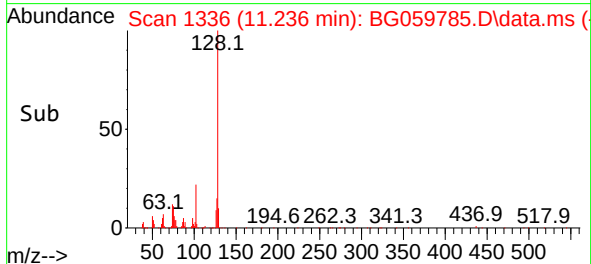
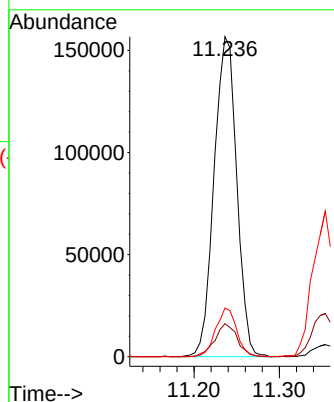
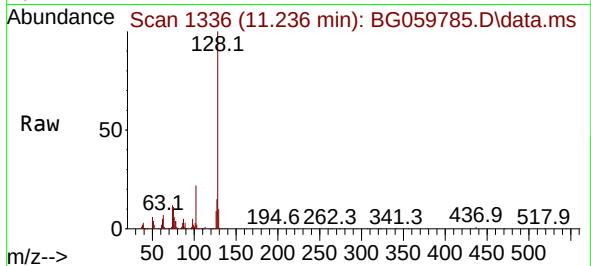




#31  
Naphthalene  
Concen: 39.675 ng  
RT: 11.236 min Scan# 111  
Delta R.T. -0.004 min  
Lab File: BG059785.D  
Acq: 21 Nov 2023 9:47

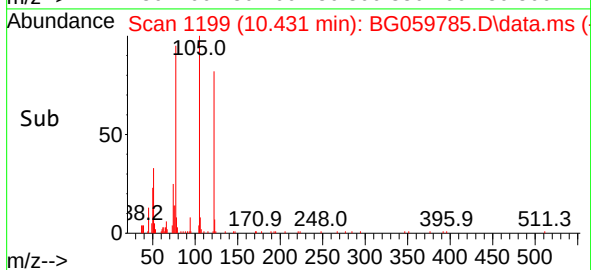
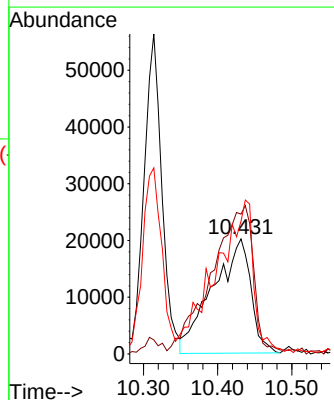
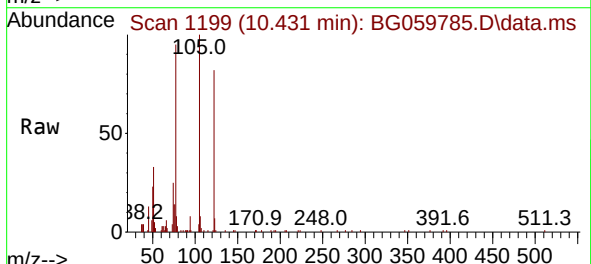
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

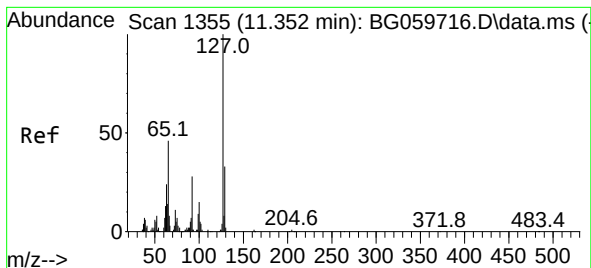
Tgt Ion:128 Resp: 289602  
Ion Ratio Lower Upper  
128 100  
129 10.3 8.7 13.1  
127 15.2 9.2 13.8#



#32  
Benzoic acid  
Concen: 40.392 ng  
RT: 10.431 min Scan# 1199  
Delta R.T. 0.002 min  
Lab File: BG059785.D  
Acq: 21 Nov 2023 9:47

Tgt Ion:122 Resp: 71729  
Ion Ratio Lower Upper  
122 100  
105 121.5 103.7 143.7  
77 115.3 82.3 122.3

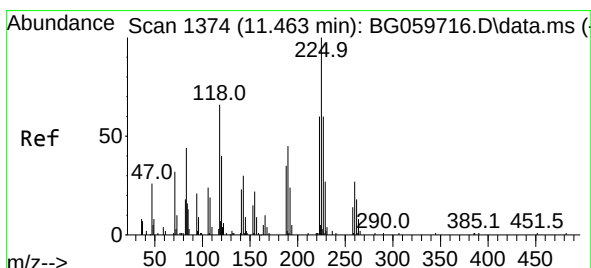
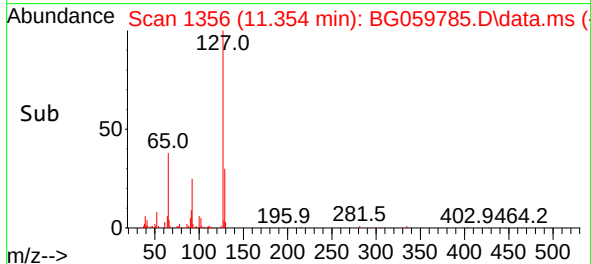
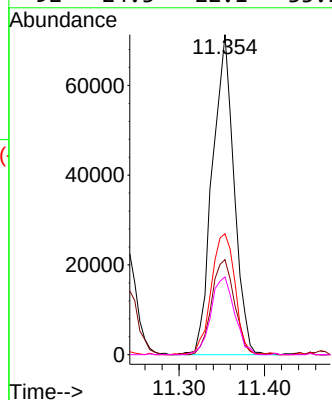
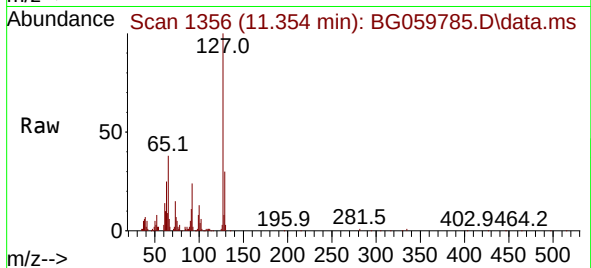




#33  
4-Chloroaniline  
Concen: 40.481 ng  
RT: 11.354 min Scan# 11  
Delta R.T. 0.002 min  
Lab File: BG059785.D  
Acq: 21 Nov 2023 9:47

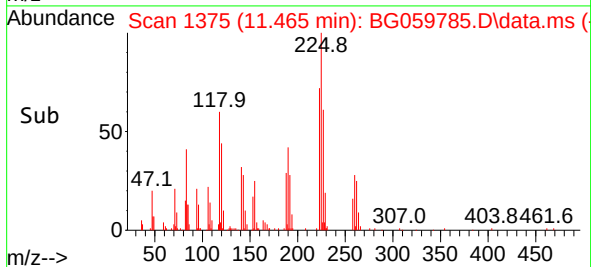
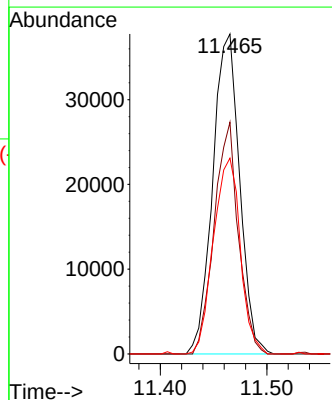
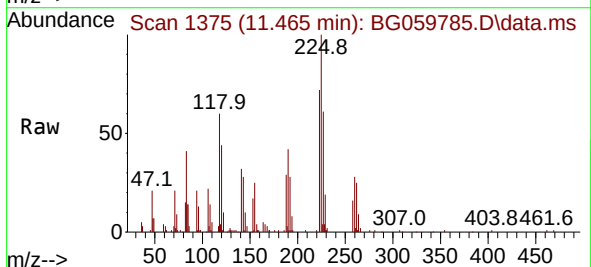
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

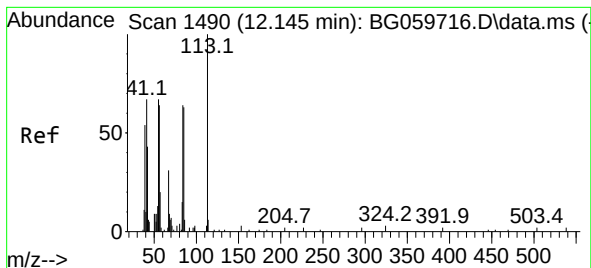
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 127   | Resp: | 125681 |
| Ion Ratio | Lower | Upper |        |
| 127       | 100   |       |        |
| 129       | 29.7  | 26.8  | 40.2   |
| 65        | 37.8  | 36.5  | 54.7   |
| 92        | 24.3  | 22.1  | 33.1   |



#34  
Hexachlorobutadiene  
Concen: 43.172 ng  
RT: 11.465 min Scan# 1375  
Delta R.T. 0.002 min  
Lab File: BG059785.D  
Acq: 21 Nov 2023 9:47

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 225   | Resp: | 66156 |
| Ion Ratio | Lower | Upper |       |
| 225       | 100   |       |       |
| 223       | 72.4  | 46.6  | 69.8# |
| 227       | 61.2  | 48.2  | 72.2  |





#35

Caprolactam

Concen: 36.548 ng

RT: 12.147 min Scan# 1490

Delta R.T. 0.002 min

Lab File: BG059785.D

Acq: 21 Nov 2023 9:47

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

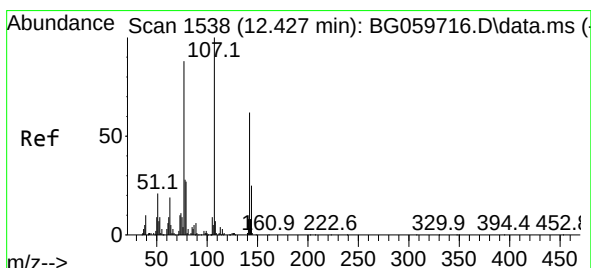
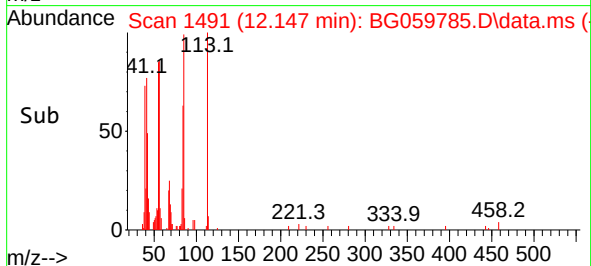
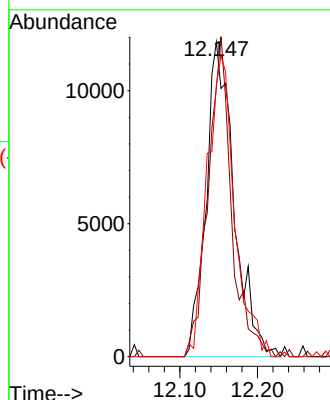
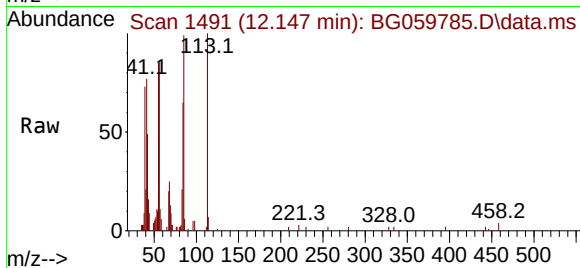
Tgt Ion:113 Resp: 29758

Ion Ratio Lower Upper

113 100

55 85.5 47.1 87.1

56 86.2 43.7 83.7#



#36

4-Chloro-3-methylphenol

Concen: 43.162 ng

RT: 12.423 min Scan# 1538

Delta R.T. -0.004 min

Lab File: BG059785.D

Acq: 21 Nov 2023 9:47

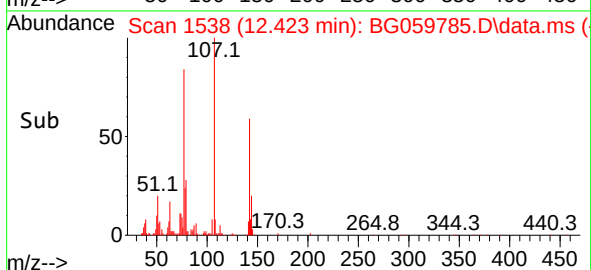
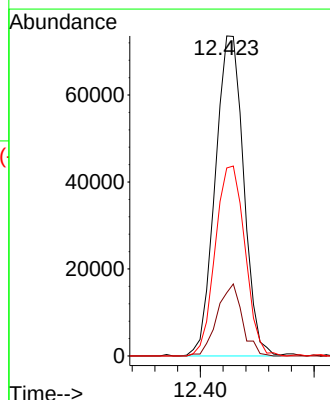
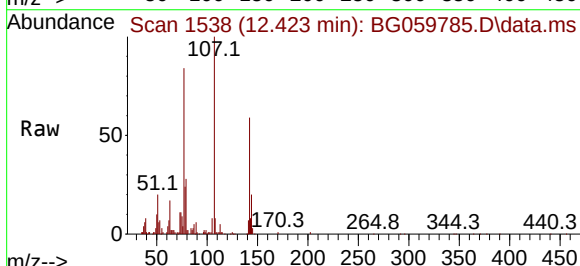
Tgt Ion:107 Resp: 127883

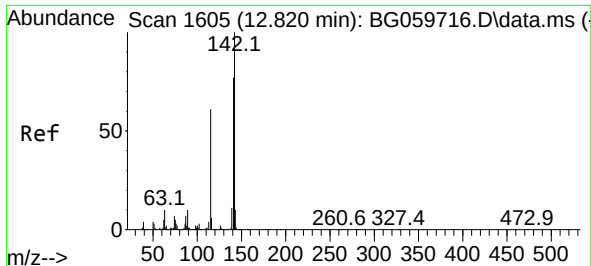
Ion Ratio Lower Upper

107 100

144 19.7 20.2 30.4#

142 58.8 49.4 74.0





#37

2-Methylnaphthalene

Concen: 39.240 ng

RT: 12.817 min Scan# 1

Delta R.T. -0.004 min

Lab File: BG059785.D

Acq: 21 Nov 2023 9:47

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

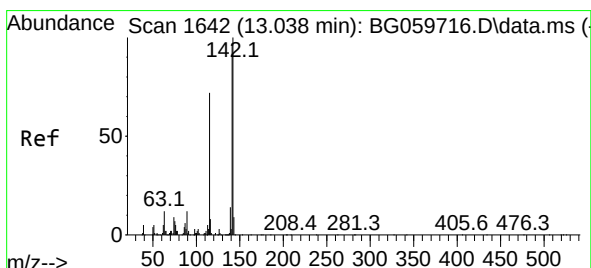
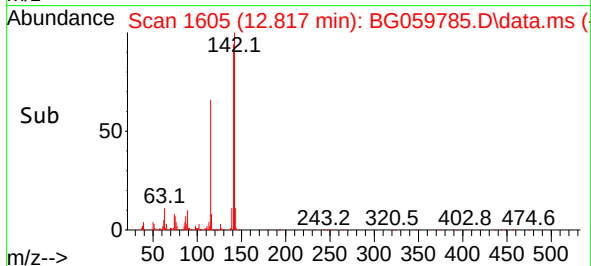
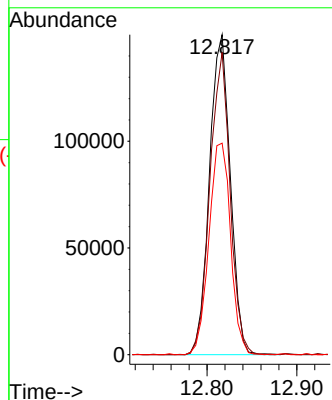
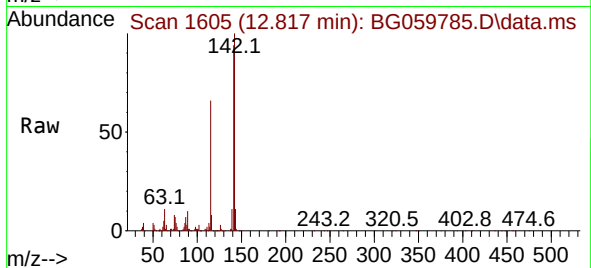
Tgt Ion:142 Resp: 241241

Ion Ratio Lower Upper

142 100

141 94.5 61.9 92.9#

115 66.1 49.0 73.4



#38

1-Methylnaphthalene

Concen: 38.249 ng

RT: 13.034 min Scan# 1642

Delta R.T. -0.004 min

Lab File: BG059785.D

Acq: 21 Nov 2023 9:47

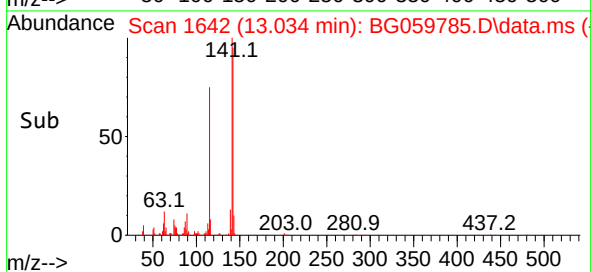
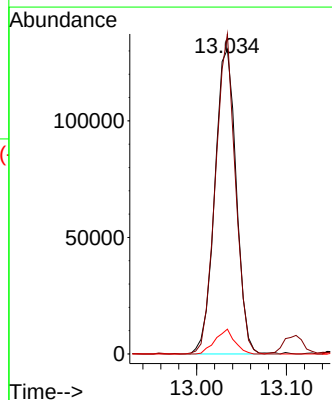
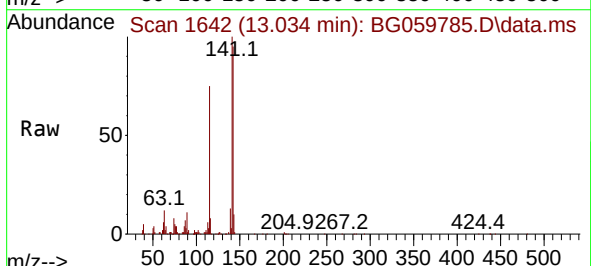
Tgt Ion:142 Resp: 216849

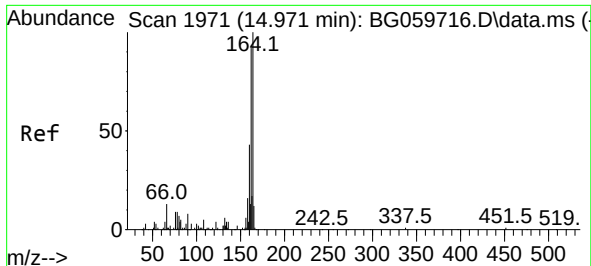
Ion Ratio Lower Upper

142 100

141 105.0 77.8 116.8

116 8.1 6.2 9.2

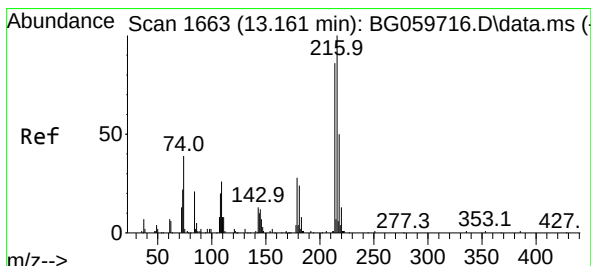
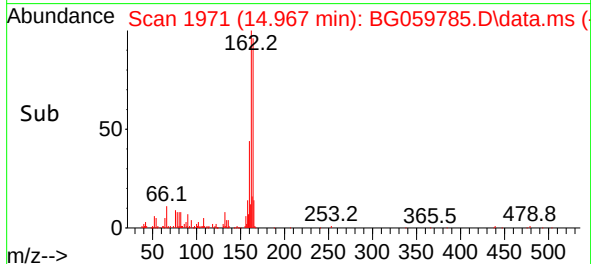
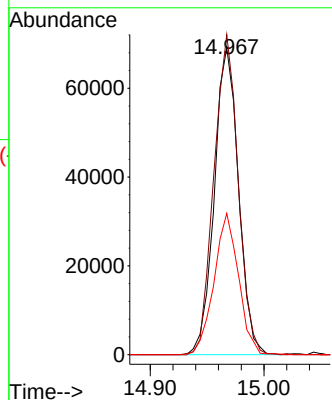
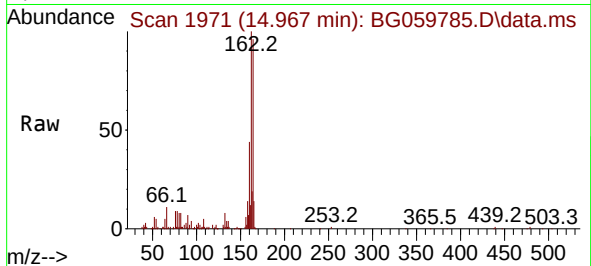




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.967 min Scan# 1971  
Delta R.T. -0.004 min  
Lab File: BG059785.D  
Acq: 21 Nov 2023 9:47

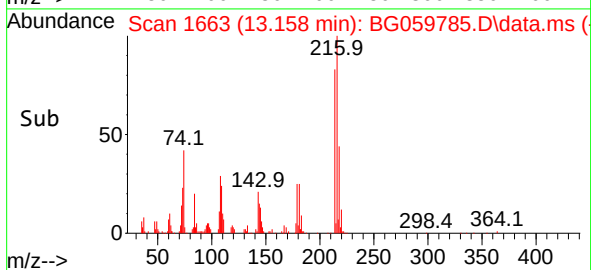
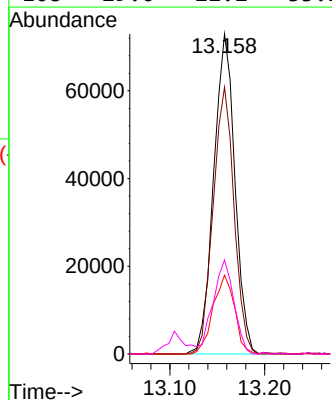
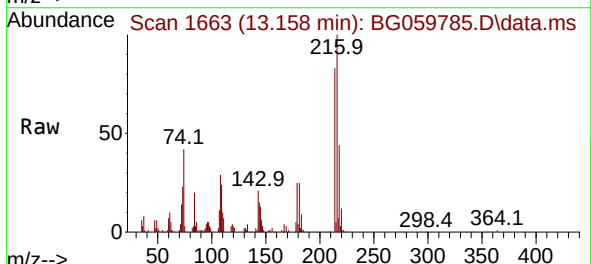
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

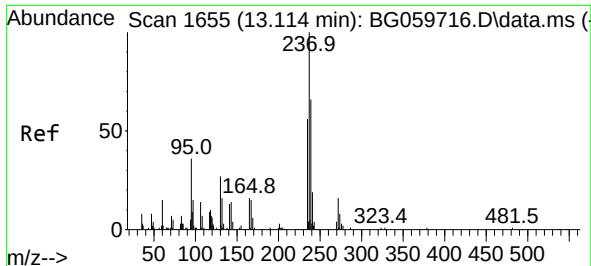
Tgt Ion:164 Resp: 102240  
Ion Ratio Lower Upper  
164 100  
162 104.2 73.3 109.9  
160 46.0 34.1 51.1



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 41.049 ng  
RT: 13.158 min Scan# 1663  
Delta R.T. -0.004 min  
Lab File: BG059785.D  
Acq: 21 Nov 2023 9:47

Tgt Ion:216 Resp: 113342  
Ion Ratio Lower Upper  
216 100  
214 82.3 61.0 91.4  
179 24.9 20.2 30.2  
108 29.0 22.2 33.2

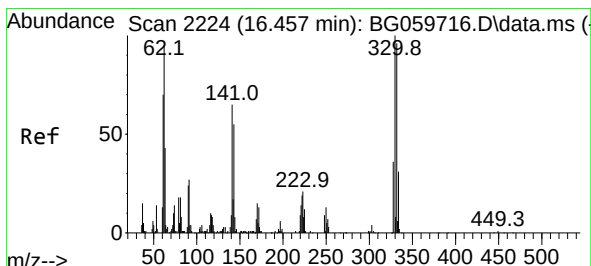
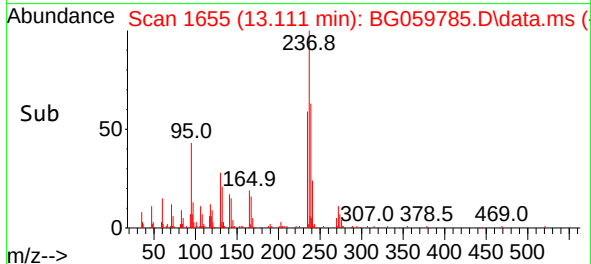
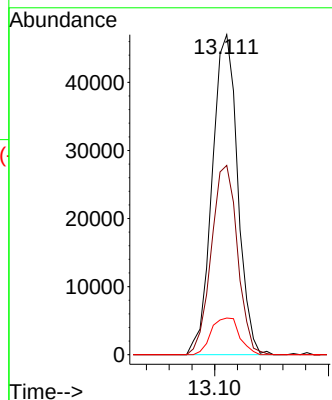
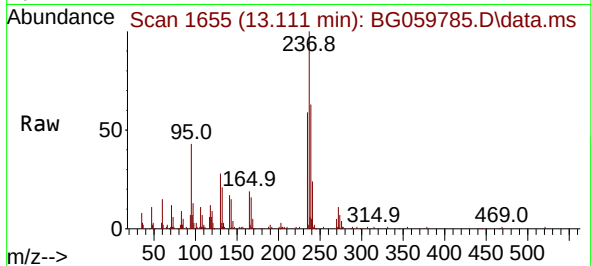




#41  
Hexachlorocyclopentadiene  
Concen: 42.130 ng  
RT: 13.111 min Scan# 1  
Delta R.T. -0.004 min  
Lab File: BG059785.D  
Acq: 21 Nov 2023 9:47

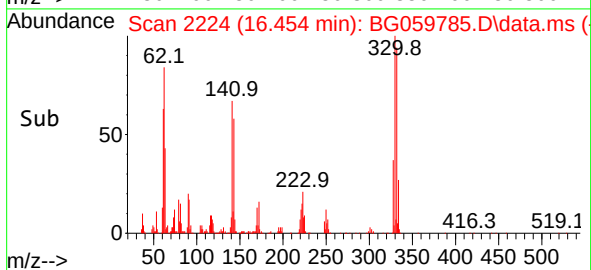
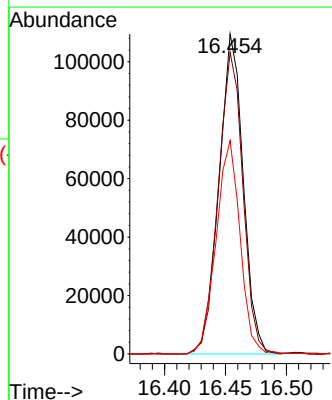
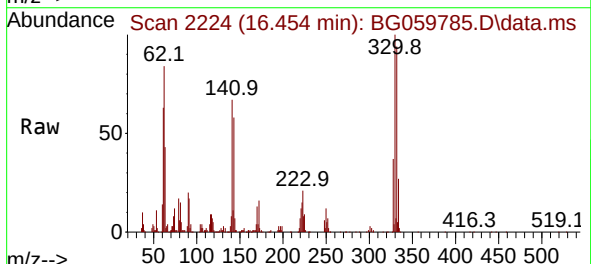
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

Tgt Ion:237 Resp: 72969  
Ion Ratio Lower Upper  
237 100  
235 59.2 36.0 76.0  
272 11.5 0.0 36.5

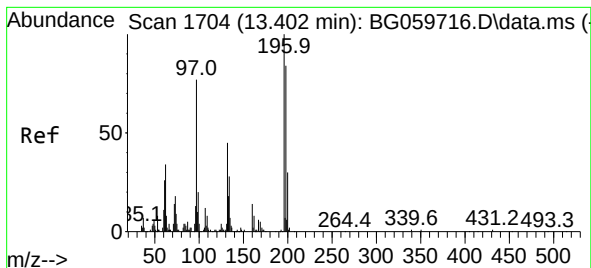


#42  
2,4,6-Tribromophenol  
Concen: 131.165 ng  
RT: 16.454 min Scan# 2224  
Delta R.T. -0.004 min  
Lab File: BG059785.D  
Acq: 21 Nov 2023 9:47

Tgt Ion:330 Resp: 152156  
Ion Ratio Lower Upper  
330 100  
332 95.2 73.3 109.9  
141 66.1 52.1 78.1



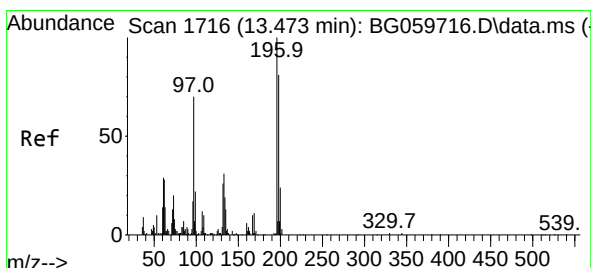
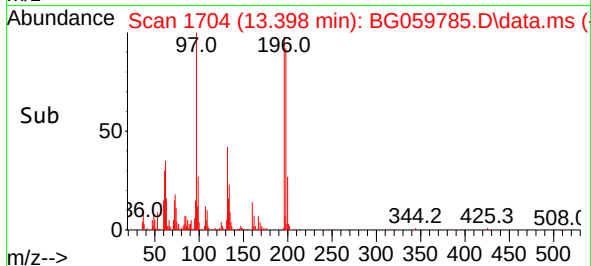
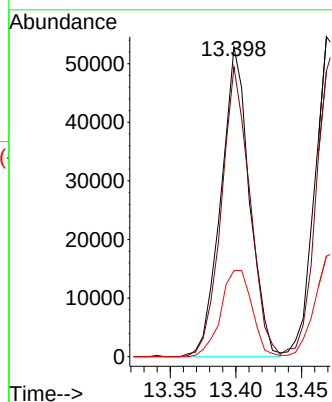
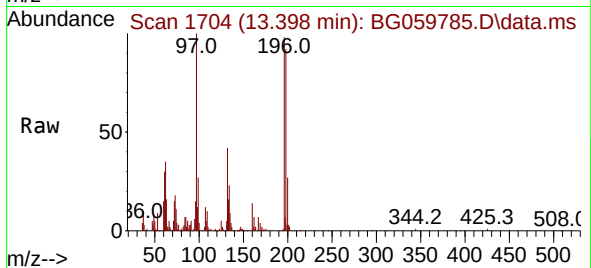




#43  
 2,4,6-Trichlorophenol  
 Concen: 41.490 ng  
 RT: 13.398 min Scan# 1704  
 Delta R.T. -0.004 min  
 Lab File: BG059785.D  
 Acq: 21 Nov 2023 9:47

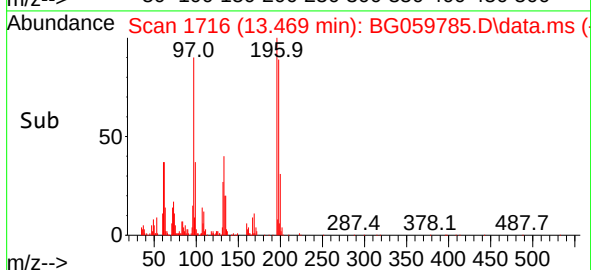
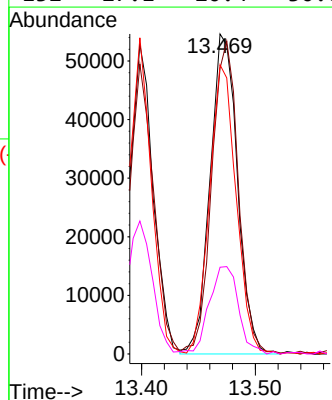
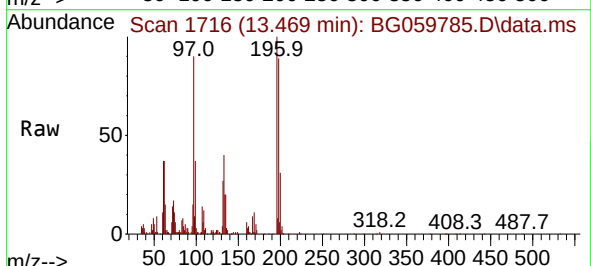
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

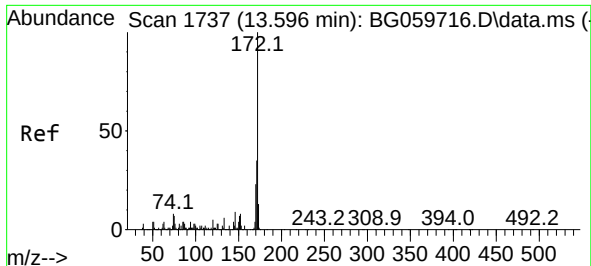
Tgt Ion:196 Resp: 79664  
 Ion Ratio Lower Upper  
 196 100  
 198 93.6 67.6 101.4  
 200 27.8 24.4 36.6



#44  
 2,4,5-Trichlorophenol  
 Concen: 40.342 ng  
 RT: 13.469 min Scan# 1716  
 Delta R.T. -0.004 min  
 Lab File: BG059785.D  
 Acq: 21 Nov 2023 9:47

Tgt Ion:196 Resp: 91016  
 Ion Ratio Lower Upper  
 196 100  
 198 89.2 66.7 100.1  
 97 90.4 55.9 83.9#  
 132 27.1 20.4 30.6

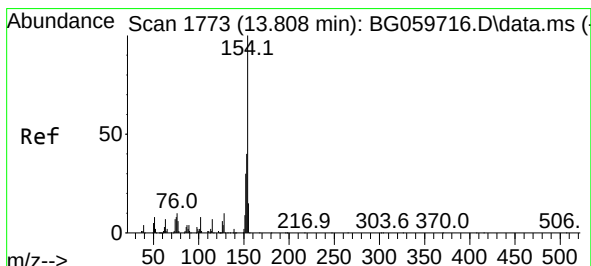
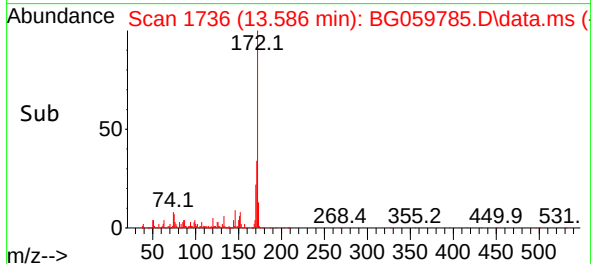
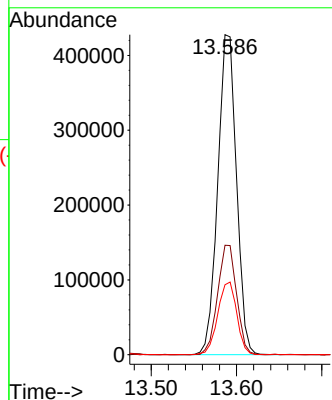
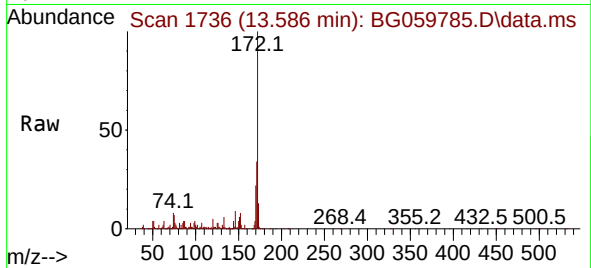




#45  
2-Fluorobiphenyl  
Concen: 85.851 ng  
RT: 13.586 min Scan# 1736  
Delta R.T. -0.010 min  
Lab File: BG059785.D  
Acq: 21 Nov 2023 9:47

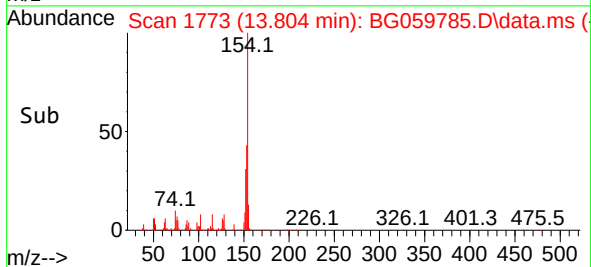
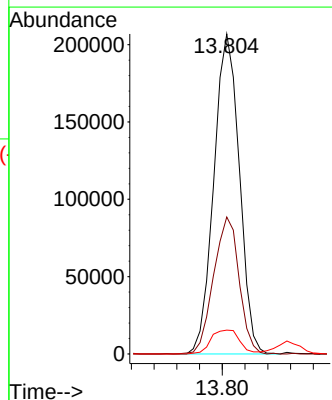
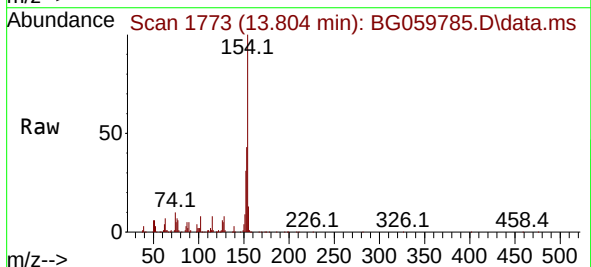
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

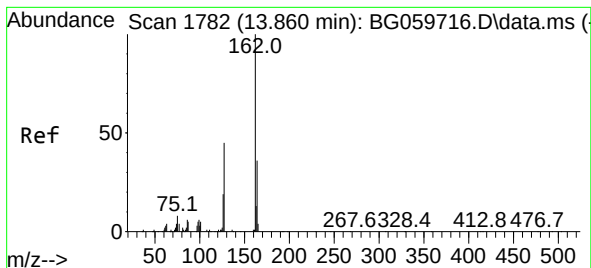
Tgt Ion:172 Resp: 652090  
Ion Ratio Lower Upper  
172 100  
171 34.2 27.7 41.5  
170 21.8 18.4 27.6



#46  
1,1'-Biphenyl  
Concen: 40.092 ng  
RT: 13.804 min Scan# 1773  
Delta R.T. -0.004 min  
Lab File: BG059785.D  
Acq: 21 Nov 2023 9:47

Tgt Ion:154 Resp: 321739  
Ion Ratio Lower Upper  
154 100  
153 42.8 19.7 59.7  
76 7.4 0.0 30.4

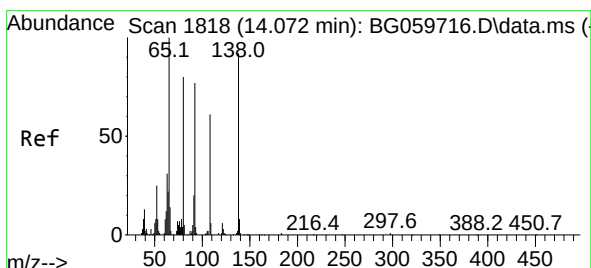
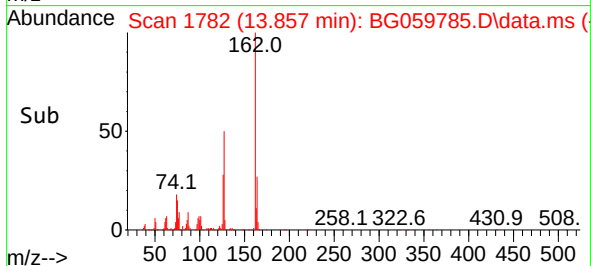
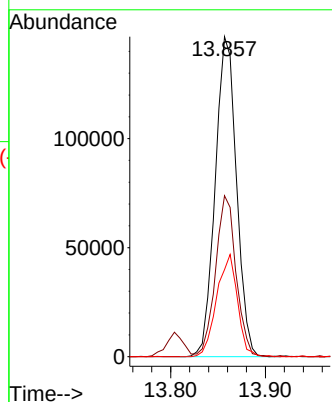
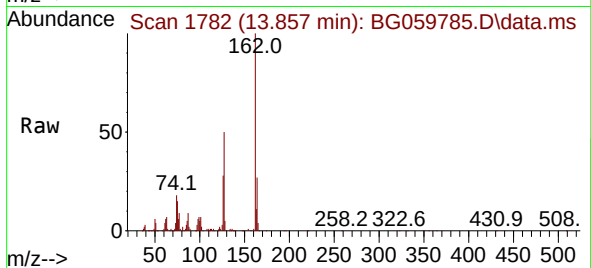




#47  
2-Chloronaphthalene  
Concen: 41.507 ng  
RT: 13.857 min Scan# 1  
Delta R.T. -0.004 min  
Lab File: BG059785.D  
Acq: 21 Nov 2023 9:47

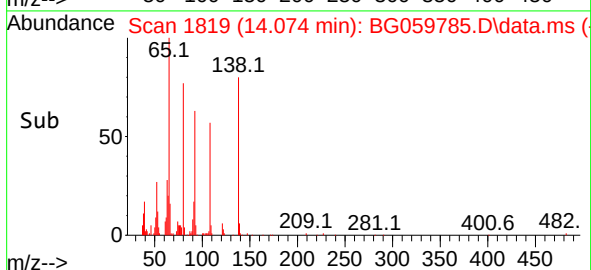
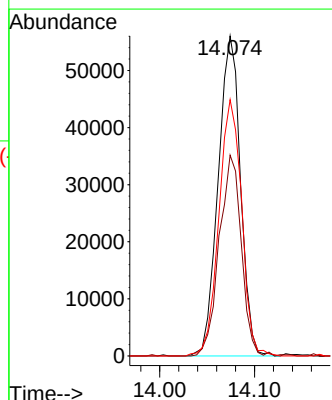
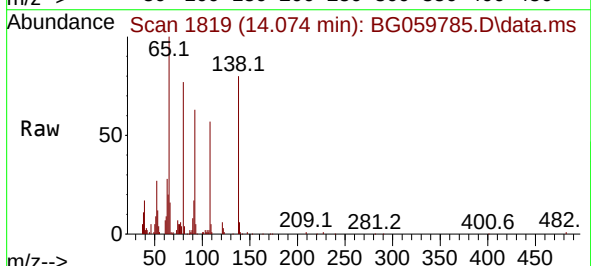
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

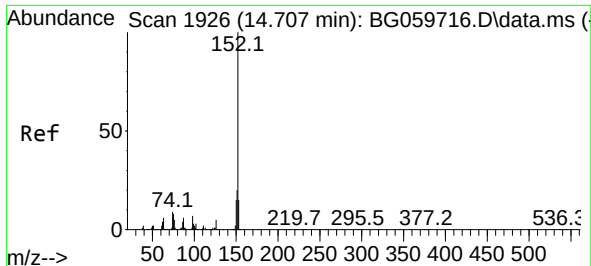
Tgt Ion:162 Resp: 228877  
Ion Ratio Lower Upper  
162 100  
127 50.3 41.0 61.6  
164 27.2 28.9 43.3#



#48  
2-Nitroaniline  
Concen: 46.575 ng  
RT: 14.074 min Scan# 1819  
Delta R.T. 0.002 min  
Lab File: BG059785.D  
Acq: 21 Nov 2023 9:47

Tgt Ion: 65 Resp: 91694  
Ion Ratio Lower Upper  
65 100  
92 62.8 61.2 91.8  
138 80.1 73.8 110.6

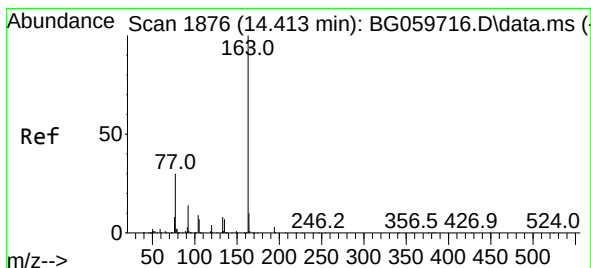
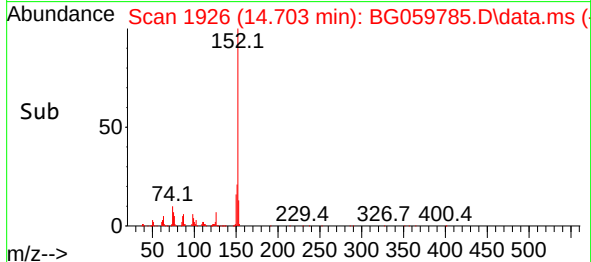
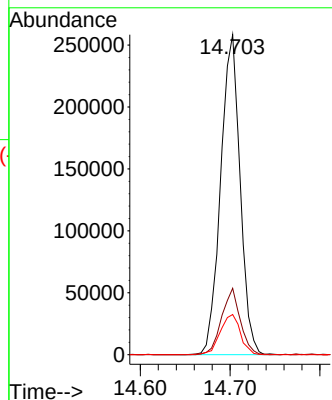
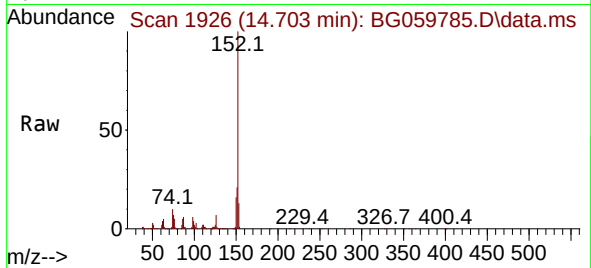




#49  
Acenaphthylene  
Concen: 41.324 ng  
RT: 14.703 min Scan# 1926  
Delta R.T. -0.004 min  
Lab File: BG059785.D  
Acq: 21 Nov 2023 9:47

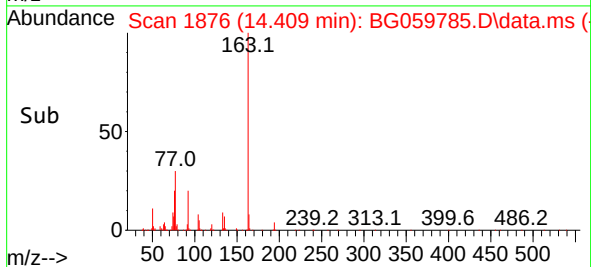
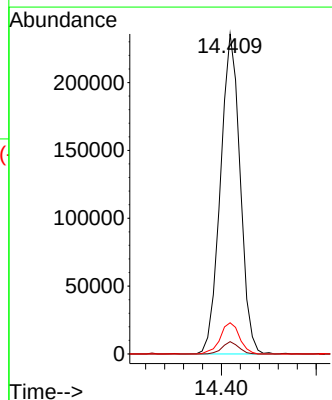
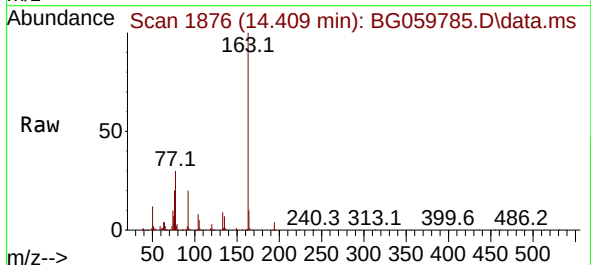
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

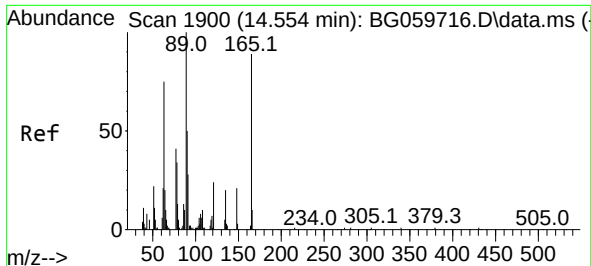
Tgt Ion:152 Resp: 388537  
Ion Ratio Lower Upper  
152 100  
151 20.8 15.8 23.8  
153 12.6 12.2 18.4



#50  
Dimethylphthalate  
Concen: 42.890 ng  
RT: 14.409 min Scan# 1876  
Delta R.T. -0.004 min  
Lab File: BG059785.D  
Acq: 21 Nov 2023 9:47

Tgt Ion:163 Resp: 339819  
Ion Ratio Lower Upper  
163 100  
194 3.8 2.8 4.2  
164 9.7 8.2 12.2

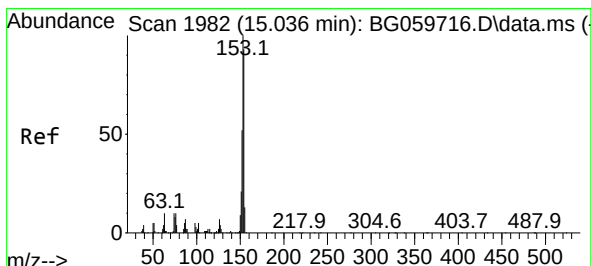
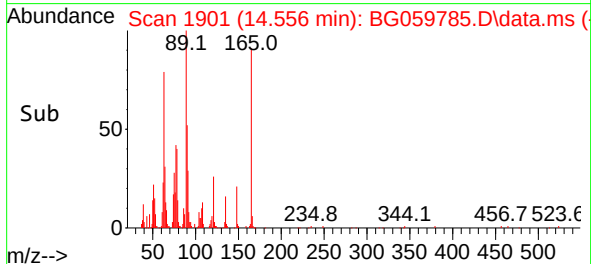
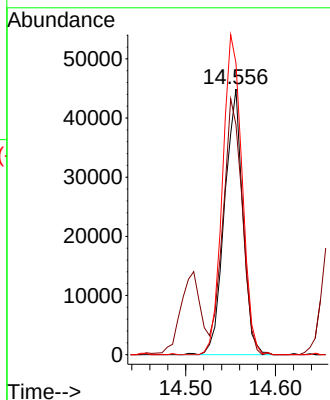
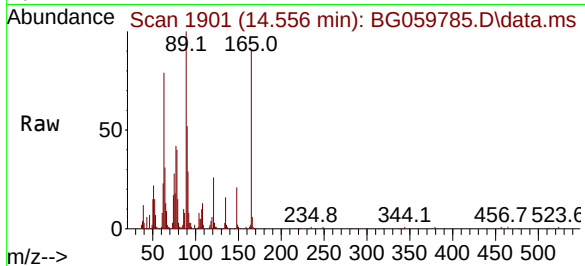




#51  
2,6-Dinitrotoluene  
Concen: 42.205 ng  
RT: 14.556 min Scan# 1900  
Delta R.T. 0.002 min  
Lab File: BG059785.D  
Acq: 21 Nov 2023 9:47

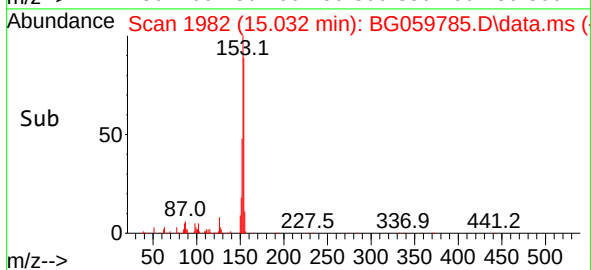
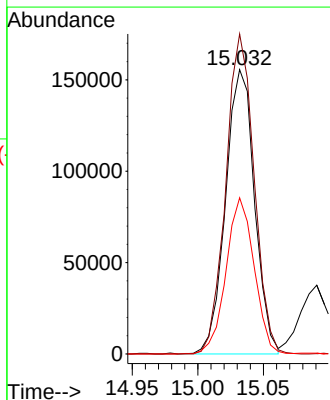
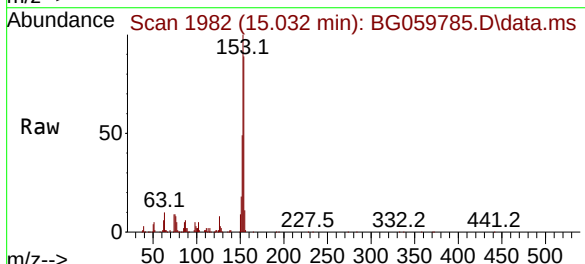
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

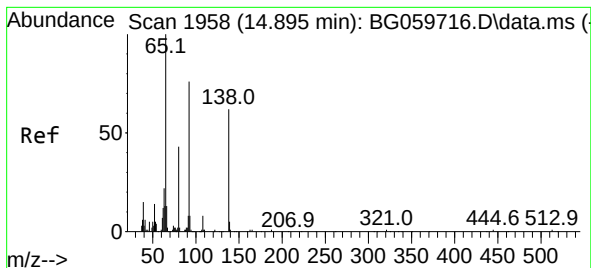
Tgt Ion:165 Resp: 63437  
Ion Ratio Lower Upper  
165 100  
63 86.7 75.3 112.9  
89 109.8 90.9 136.3



#52  
Acenaphthene  
Concen: 42.327 ng  
RT: 15.032 min Scan# 1982  
Delta R.T. -0.004 min  
Lab File: BG059785.D  
Acq: 21 Nov 2023 9:47

Tgt Ion:154 Resp: 239336  
Ion Ratio Lower Upper  
154 100  
153 112.5 85.8 128.8  
152 54.9 44.4 66.6

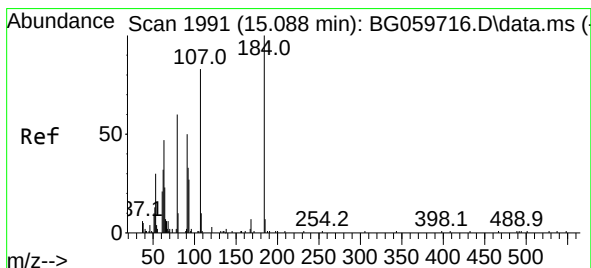
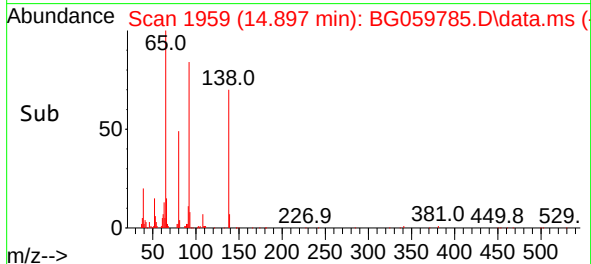
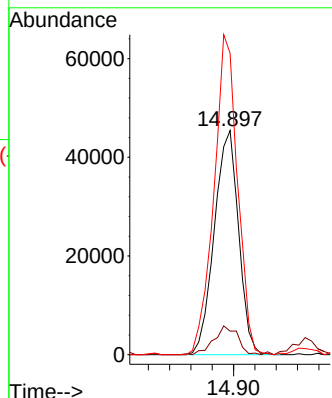
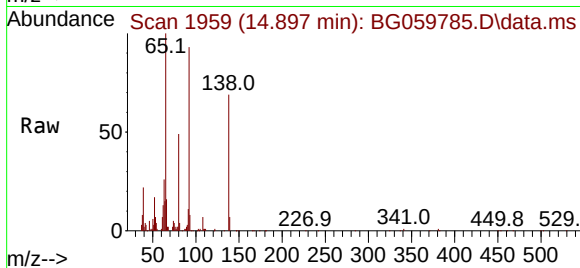




#53  
3-Nitroaniline  
Concen: 40.717 ng  
RT: 14.897 min Scan# 1958  
Delta R.T. 0.002 min  
Lab File: BG059785.D  
Acq: 21 Nov 2023 9:47

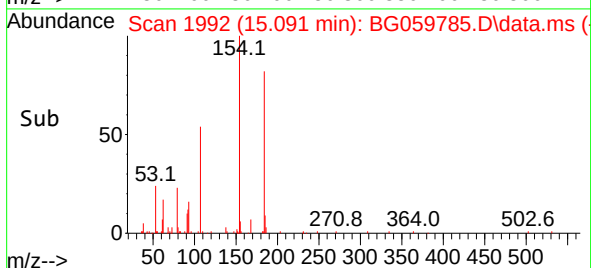
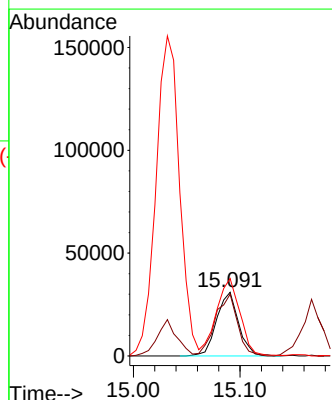
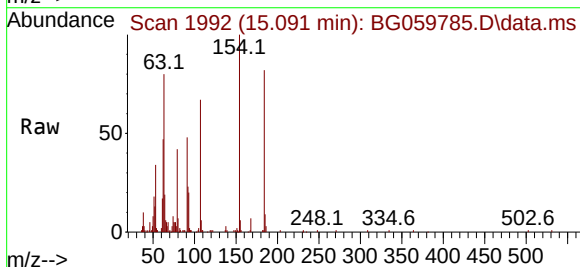
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

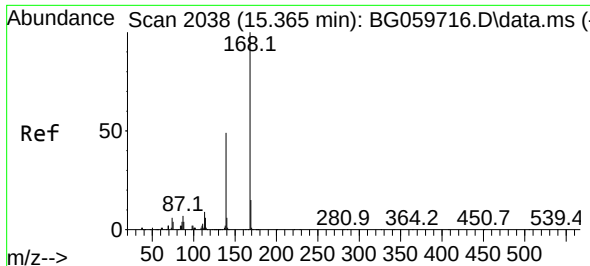
Tgt Ion:138 Resp: 71636  
Ion Ratio Lower Upper  
138 100  
108 10.5 9.9 14.9  
92 134.4 98.3 147.5



#54  
2,4-Dinitrophenol  
Concen: 39.487 ng  
RT: 15.091 min Scan# 1992  
Delta R.T. 0.002 min  
Lab File: BG059785.D  
Acq: 21 Nov 2023 9:47

Tgt Ion:184 Resp: 44104  
Ion Ratio Lower Upper  
184 100  
63 97.1 58.3 87.5#  
154 121.5 94.1 141.1

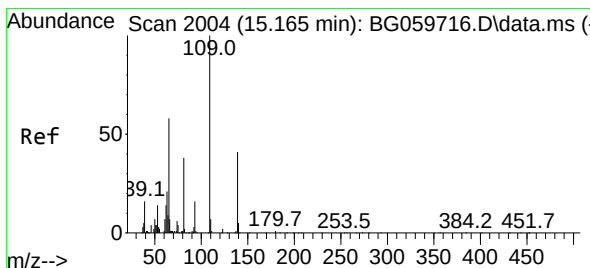
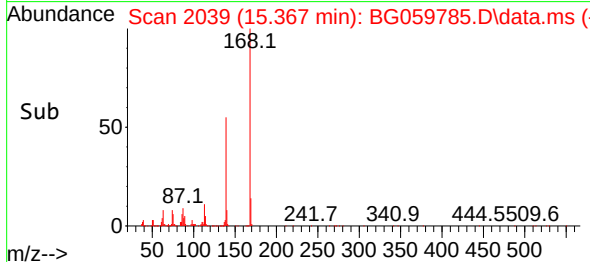
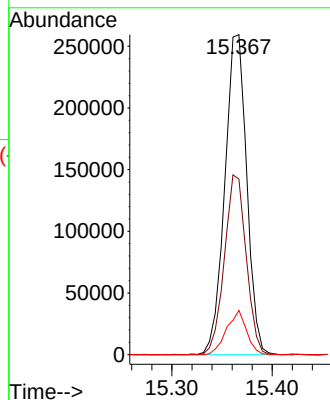
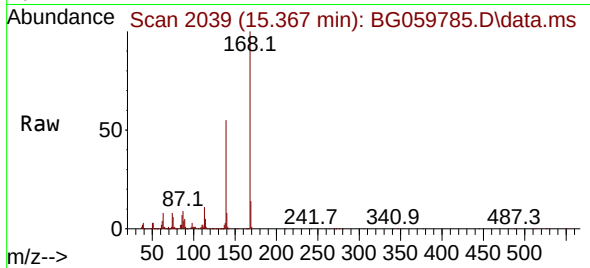




#55  
Dibenzofuran  
Concen: 42.273 ng  
RT: 15.367 min Scan# 20  
Delta R.T. 0.002 min  
Lab File: BG059785.D  
Acq: 21 Nov 2023 9:47

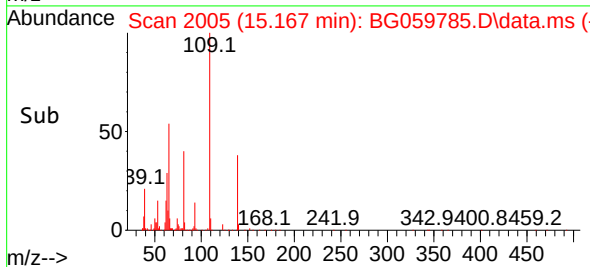
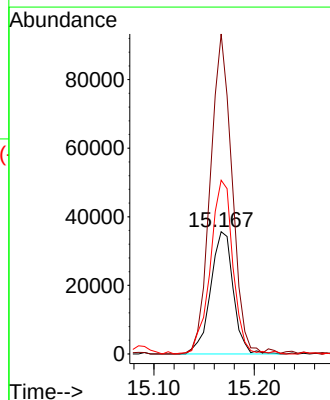
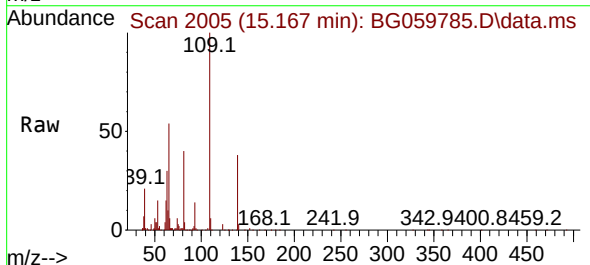
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ClientSampleId :  
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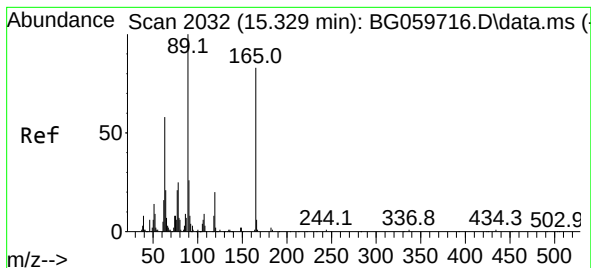
Tgt Ion:168 Resp: 394106  
Ion Ratio Lower Upper  
168 100  
139 54.8 38.9 58.3  
169 13.8 11.8 17.8



#56  
4-Nitrophenol  
Concen: 41.464 ng  
RT: 15.167 min Scan# 2005  
Delta R.T. 0.002 min  
Lab File: BG059785.D  
Acq: 21 Nov 2023 9:47

Tgt Ion:139 Resp: 55812  
Ion Ratio Lower Upper  
139 100  
109 261.6 223.4 263.4  
65 142.0 120.6 160.6

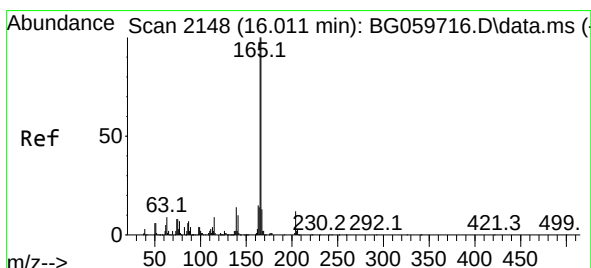
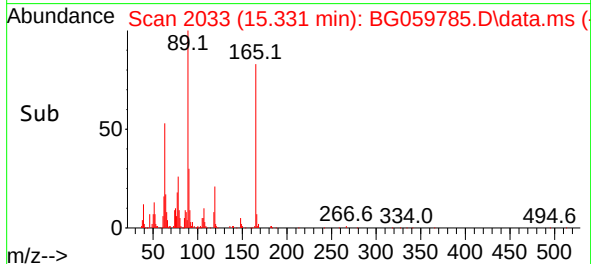
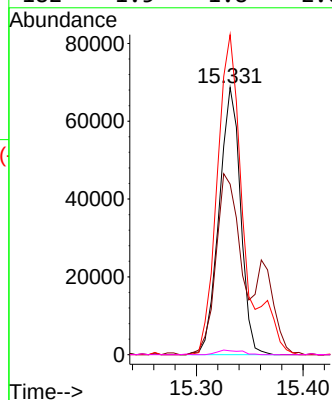
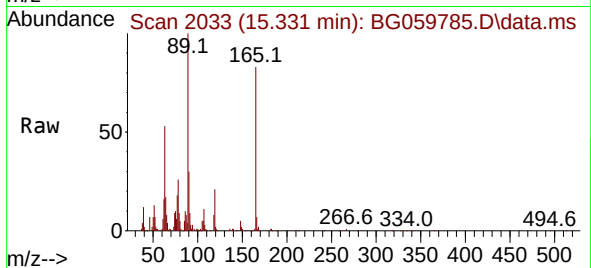




#57  
2,4-Dinitrotoluene  
Concen: 41.453 ng  
RT: 15.331 min Scan# 2033  
Delta R.T. 0.002 min  
Lab File: BG059785.D  
Acq: 21 Nov 2023 9:47

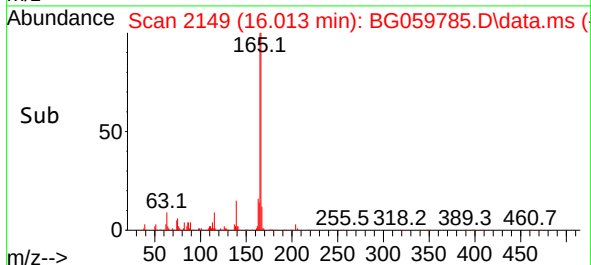
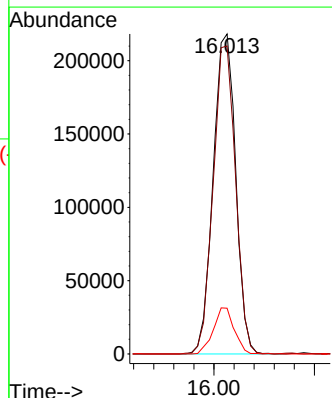
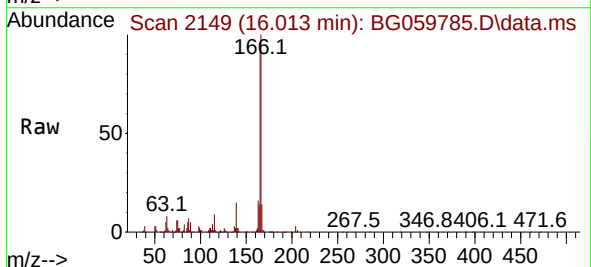
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

Tgt Ion:165 Resp: 95818  
Ion Ratio Lower Upper  
165 100  
63 63.9 55.8 83.8  
89 119.8 96.9 145.3  
182 1.5 1.8 2.6#

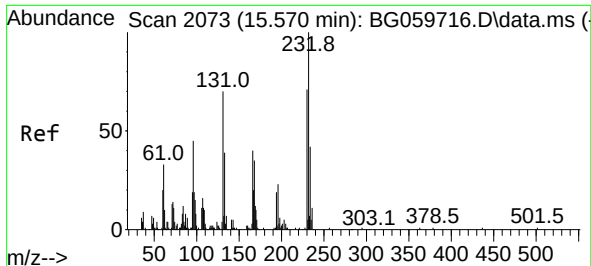


#58  
Fluorene  
Concen: 43.834 ng  
RT: 16.013 min Scan# 2149  
Delta R.T. 0.002 min  
Lab File: BG059785.D  
Acq: 21 Nov 2023 9:47

Tgt Ion:166 Resp: 339511  
Ion Ratio Lower Upper  
166 100  
165 96.2 79.9 119.9  
167 14.3 10.1 15.1



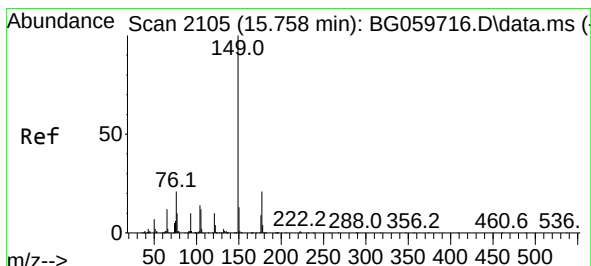
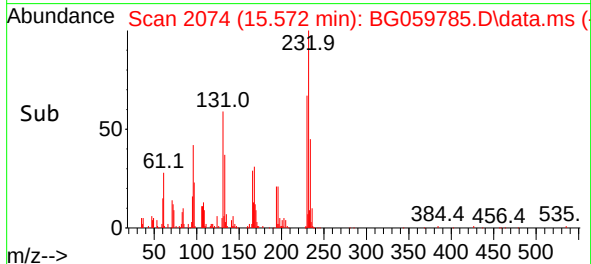
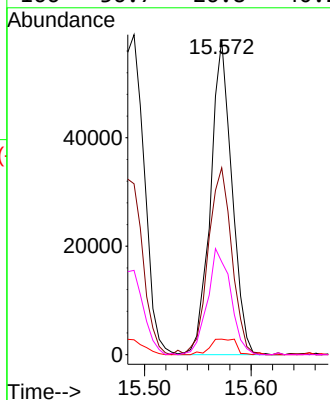
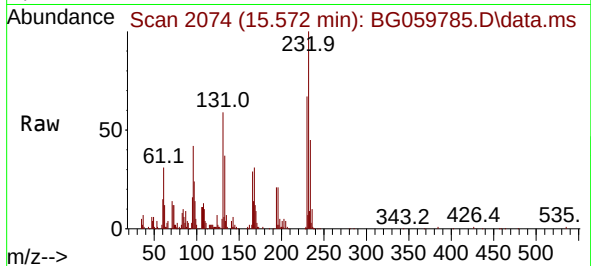




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 40.724 ng  
RT: 15.572 min Scan# 2073  
Delta R.T. 0.002 min  
Lab File: BG059785.D  
Acq: 21 Nov 2023 9:47

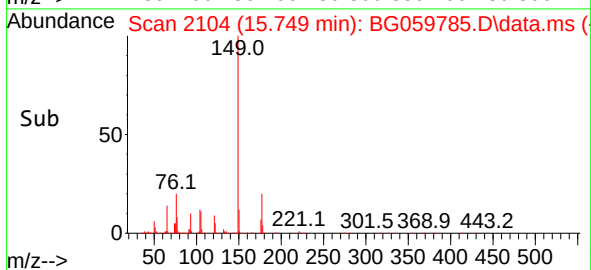
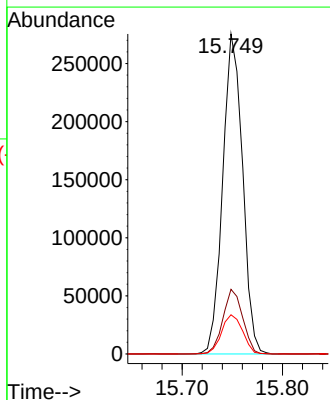
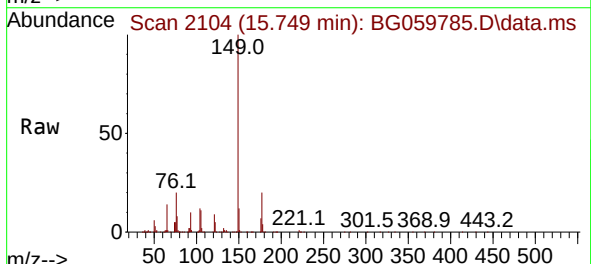
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

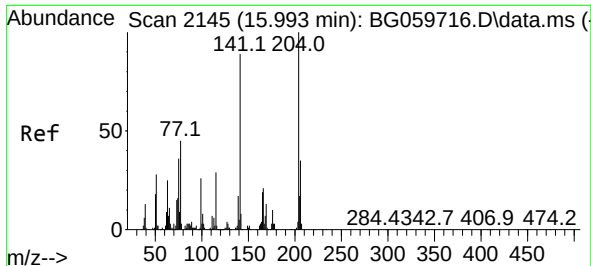
Tgt Ion:232 Resp: 80764  
Ion Ratio Lower Upper  
232 100  
131 65.7 50.2 75.2  
130 6.0 4.3 6.5  
166 36.7 26.8 40.2



#60  
Diethylphthalate  
Concen: 44.472 ng  
RT: 15.749 min Scan# 2104  
Delta R.T. -0.010 min  
Lab File: BG059785.D  
Acq: 21 Nov 2023 9:47

Tgt Ion:149 Resp: 377898  
Ion Ratio Lower Upper  
149 100  
177 20.2 16.6 24.8  
150 12.3 10.7 16.1

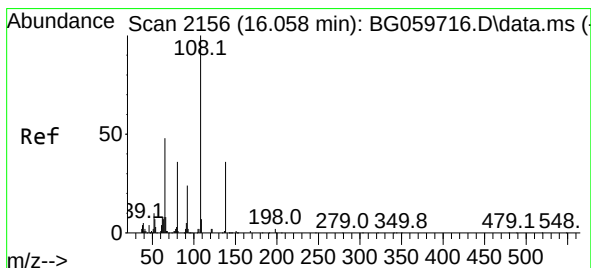
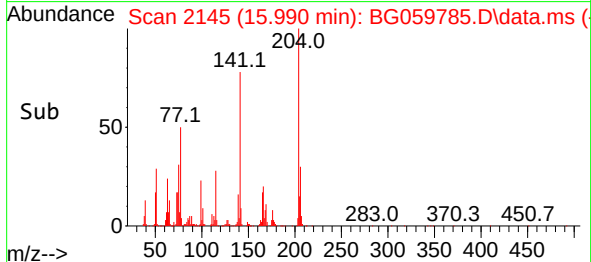
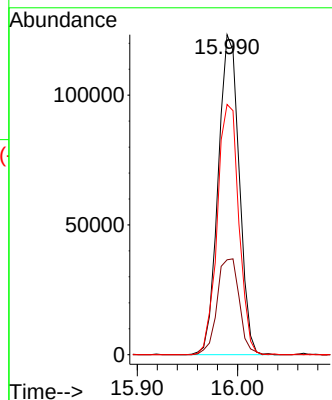
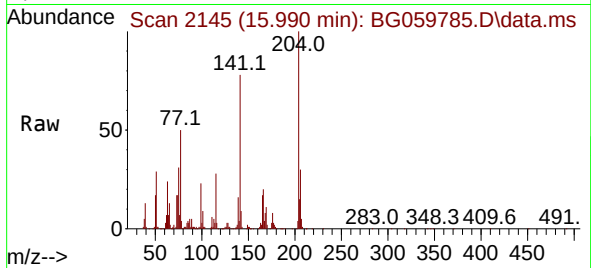




#61  
4-Chlorophenyl-phenylether  
Concen: 44.862 ng  
RT: 15.990 min Scan# 2145  
Delta R.T. -0.004 min  
Lab File: BG059785.D  
Acq: 21 Nov 2023 9:47

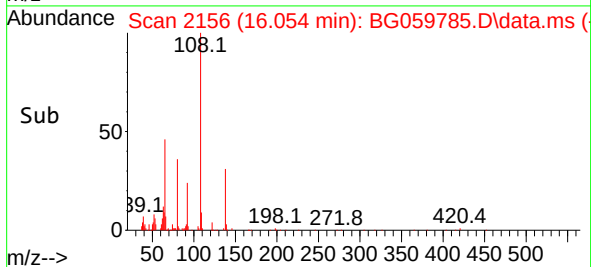
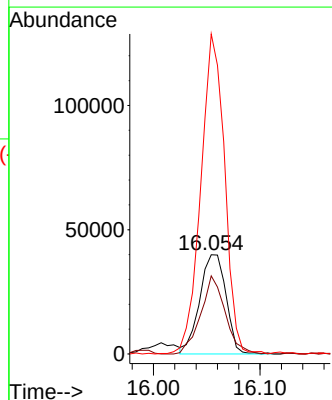
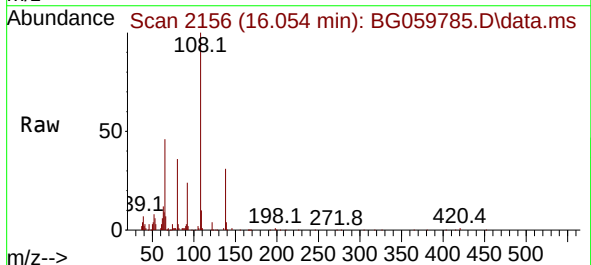
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

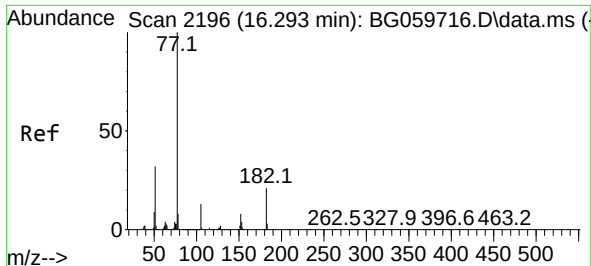
Tgt Ion:204 Resp: 178848  
Ion Ratio Lower Upper  
204 100  
206 29.7 28.1 42.1  
141 78.2 70.9 106.3



#62  
4-Nitroaniline  
Concen: 39.015 ng  
RT: 16.054 min Scan# 2156  
Delta R.T. -0.004 min  
Lab File: BG059785.D  
Acq: 21 Nov 2023 9:47

Tgt Ion:138 Resp: 68794  
Ion Ratio Lower Upper  
138 100  
92 78.6 45.8 85.8  
108 322.4 256.3 296.3#

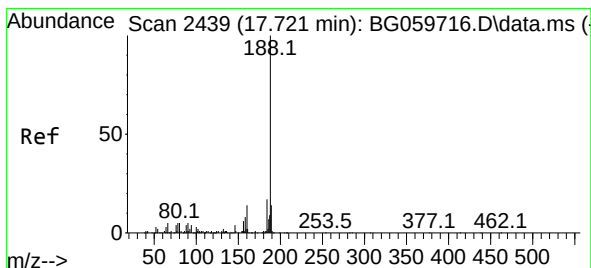
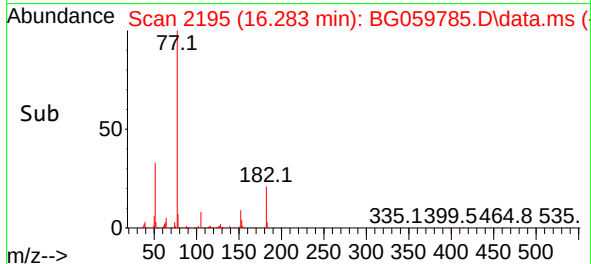
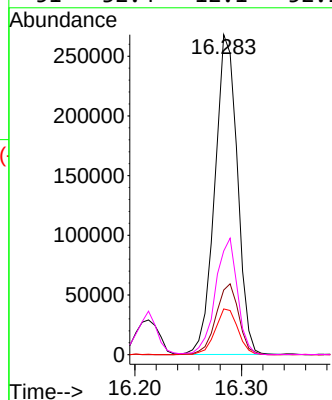
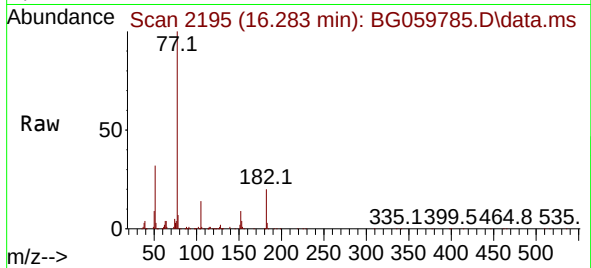




#63  
Azobenzene  
Concen: 41.560 ng  
RT: 16.283 min Scan# 2196  
Delta R.T. -0.010 min  
Lab File: BG059785.D  
Acq: 21 Nov 2023 9:47

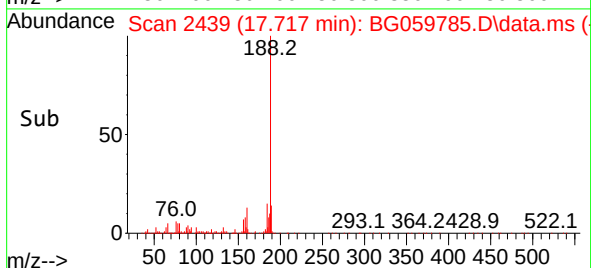
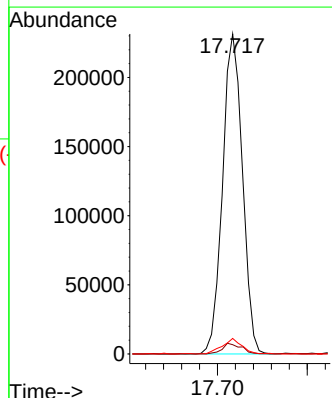
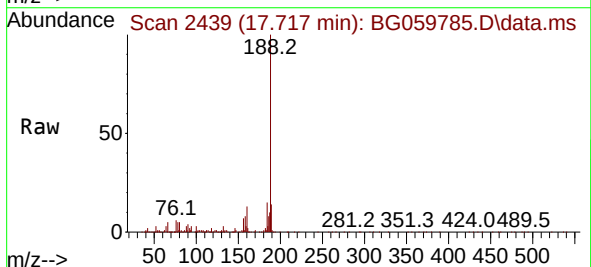
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

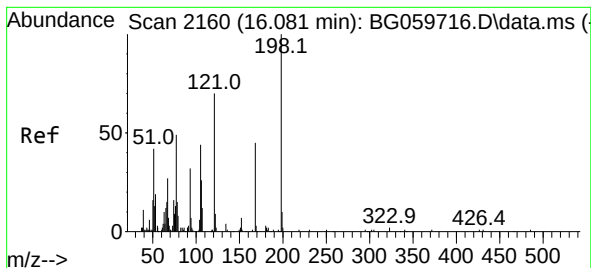
|             |              |
|-------------|--------------|
| Tgt Ion: 77 | Resp: 392455 |
| Ion Ratio   | Lower Upper  |
| 77 100      |              |
| 182 20.2    | 1.1 41.1     |
| 105 14.3    | 0.0 33.0     |
| 51 32.4     | 12.1 52.1    |



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.717 min Scan# 2439  
Delta R.T. -0.004 min  
Lab File: BG059785.D  
Acq: 21 Nov 2023 9:47

|              |              |
|--------------|--------------|
| Tgt Ion: 188 | Resp: 355097 |
| Ion Ratio    | Lower Upper  |
| 188 100      |              |
| 94 2.9       | 3.0 4.4#     |
| 80 4.9       | 4.2 6.4      |

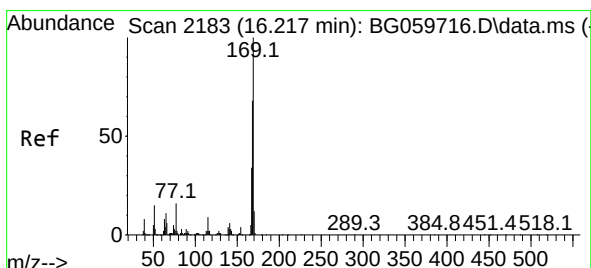
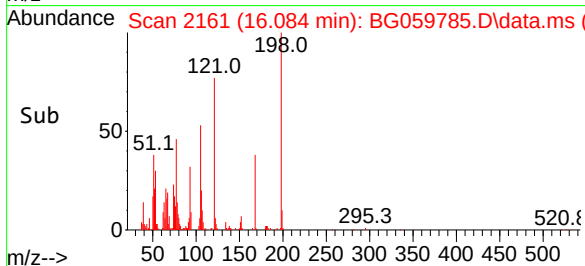
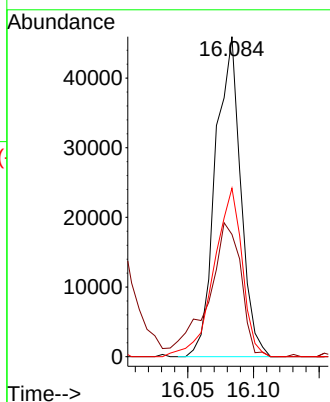
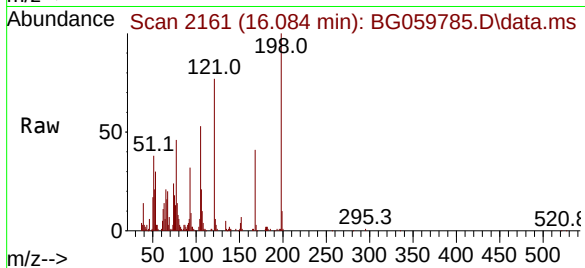




#65  
4,6-Dinitro-2-methylphenol  
Concen: 28.211 ng  
RT: 16.084 min Scan# 2160  
Delta R.T. 0.002 min  
Lab File: BG059785.D  
Acq: 21 Nov 2023 9:47

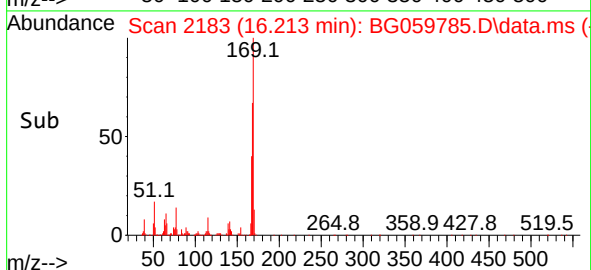
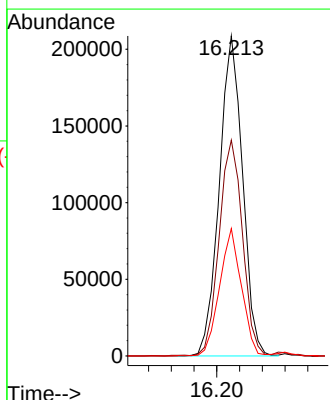
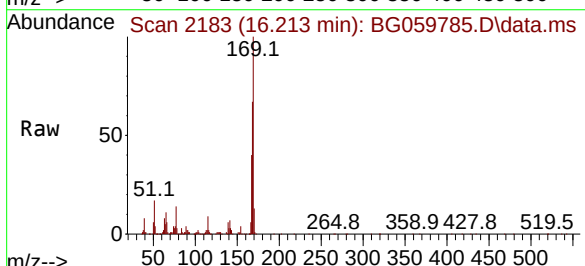
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

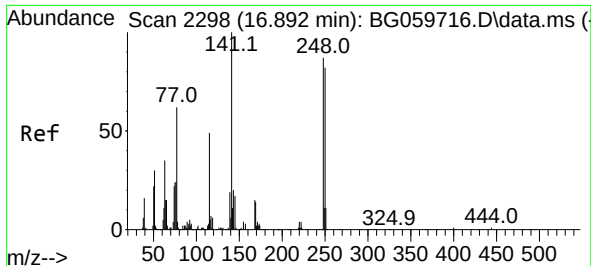
Tgt Ion:198 Resp: 61221  
Ion Ratio Lower Upper  
198 100  
51 38.2 23.0 63.0  
105 52.7 24.0 64.0



#66  
n-Nitrosodiphenylamine  
Concen: 28.632 ng  
RT: 16.213 min Scan# 2183  
Delta R.T. -0.004 min  
Lab File: BG059785.D  
Acq: 21 Nov 2023 9:47

Tgt Ion:169 Resp: 296998  
Ion Ratio Lower Upper  
169 100  
168 67.5 54.5 81.7  
167 39.8 27.8 41.6

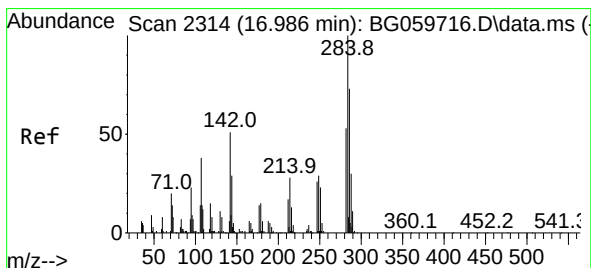
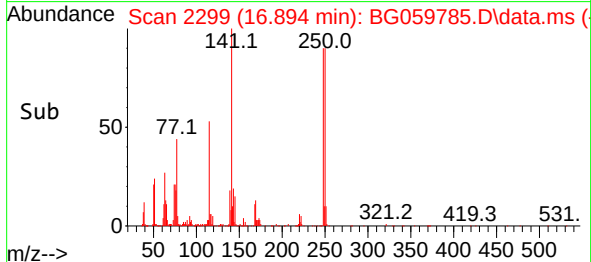
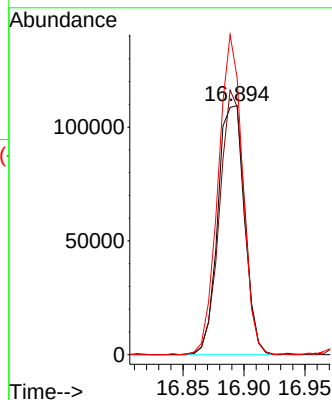
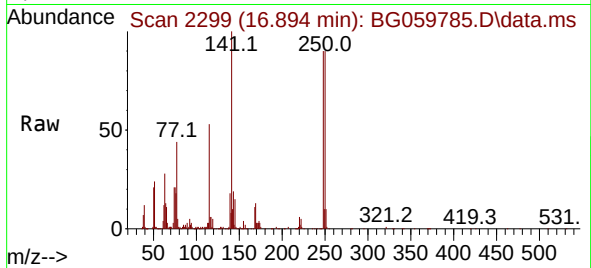




#67  
4-Bromophenyl-phenylether  
Concen: 43.527 ng  
RT: 16.894 min Scan# 21  
Delta R.T. 0.002 min  
Lab File: BG059785.D  
Acq: 21 Nov 2023 9:47

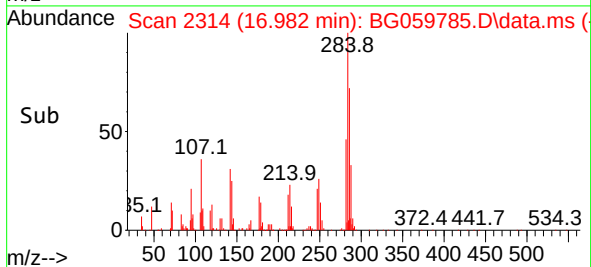
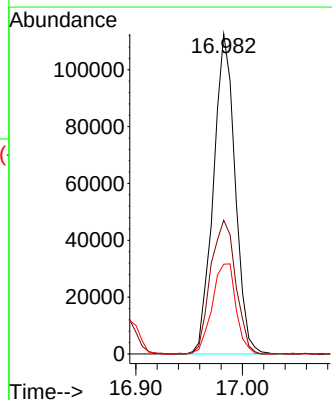
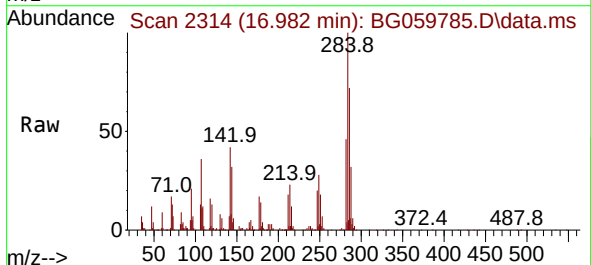
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

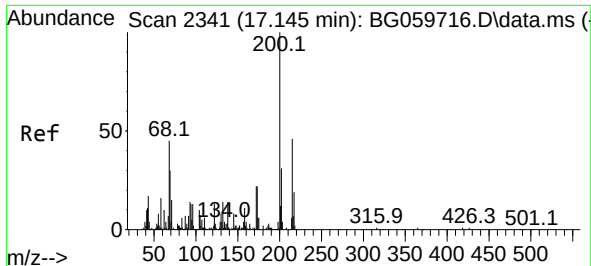
Tgt Ion:248 Resp: 166045  
Ion Ratio Lower Upper  
248 100  
250 99.6 75.2 112.8  
141 111.1 91.5 137.3



#68  
Hexachlorobenzene  
Concen: 44.715 ng  
RT: 16.982 min Scan# 2314  
Delta R.T. -0.004 min  
Lab File: BG059785.D  
Acq: 21 Nov 2023 9:47

Tgt Ion:284 Resp: 159209  
Ion Ratio Lower Upper  
284 100  
142 41.8 41.0 61.6  
249 28.1 24.2 36.4

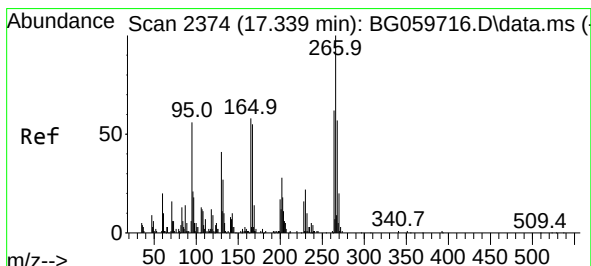
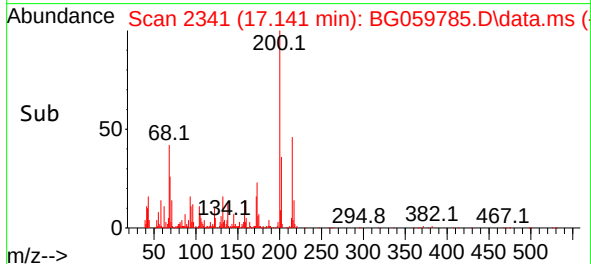
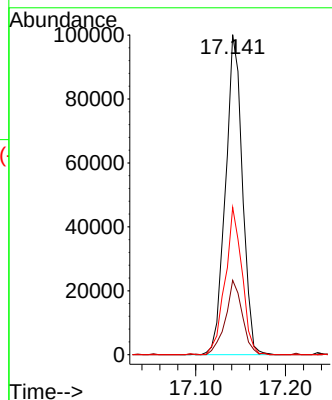
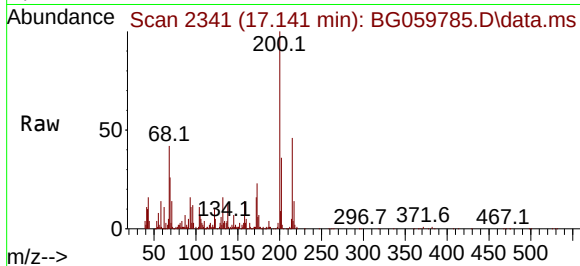




#69  
 Atrazine  
 Concen: 39.350 ng  
 RT: 17.141 min Scan# 21  
 Delta R.T. -0.004 min  
 Lab File: BG059785.D  
 Acq: 21 Nov 2023 9:47

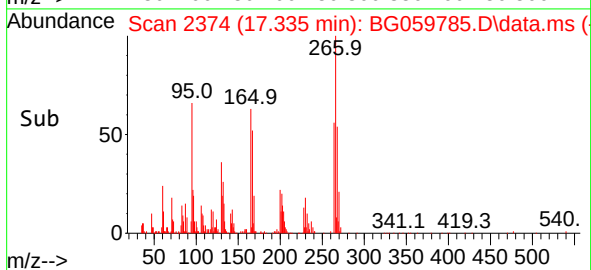
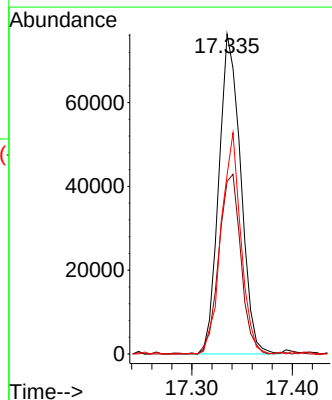
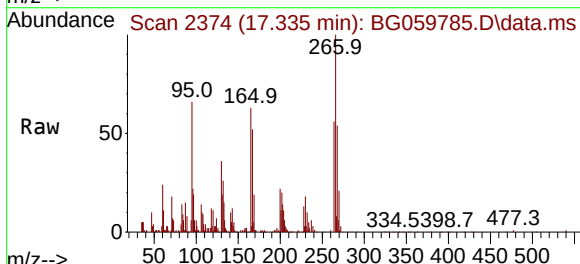
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

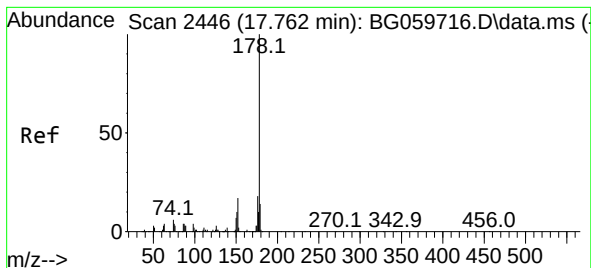
Tgt Ion:200 Resp: 130869  
 Ion Ratio Lower Upper  
 200 100  
 173 23.3 2.3 42.3  
 215 46.1 25.6 65.6



#70  
 Pentachlorophenol  
 Concen: 42.392 ng  
 RT: 17.335 min Scan# 2374  
 Delta R.T. -0.004 min  
 Lab File: BG059785.D  
 Acq: 21 Nov 2023 9:47

Tgt Ion:266 Resp: 115153  
 Ion Ratio Lower Upper  
 266 100  
 268 53.9 45.7 68.5  
 264 55.9 49.8 74.8





#71

Phenanthrene

Concen: 41.719 ng

RT: 17.758 min Scan# 2446

Delta R.T. -0.004 min

Lab File: BG059785.D

Acq: 21 Nov 2023 9:47

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

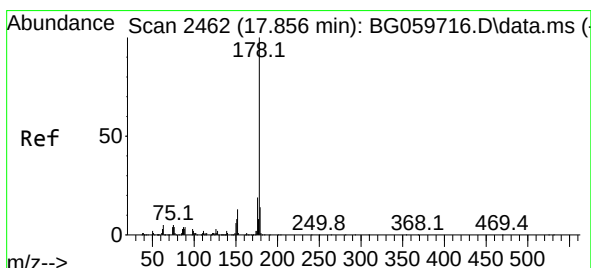
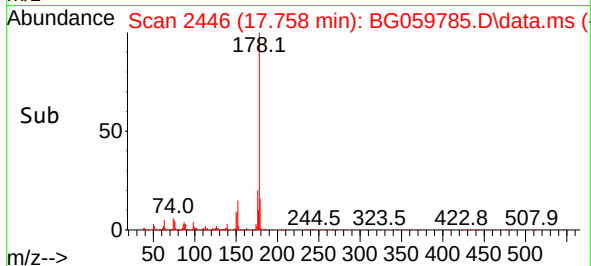
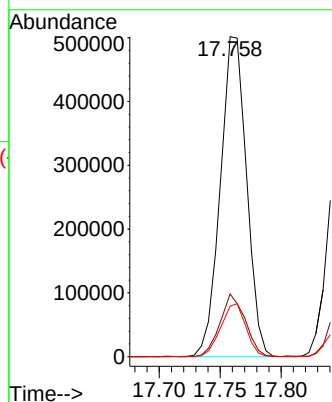
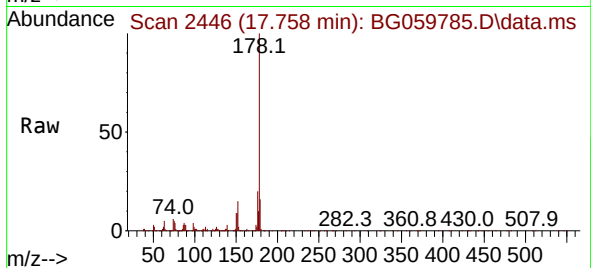
Tgt Ion:178 Resp: 753198

Ion Ratio Lower Upper

178 100

176 19.6 14.5 21.7

179 15.8 11.2 16.8



#72

Anthracene

Concen: 41.503 ng

RT: 17.852 min Scan# 2462

Delta R.T. -0.004 min

Lab File: BG059785.D

Acq: 21 Nov 2023 9:47

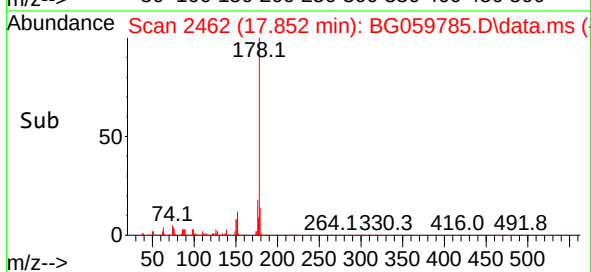
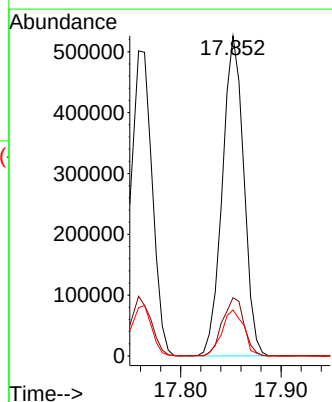
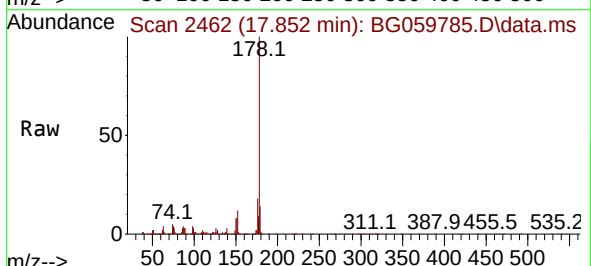
Tgt Ion:178 Resp: 778519

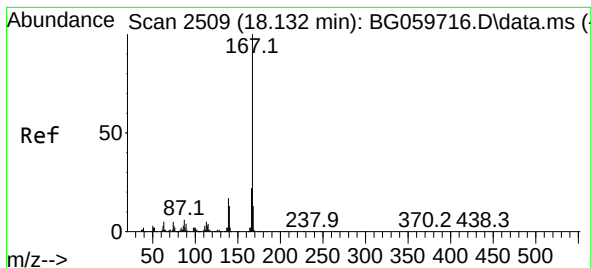
Ion Ratio Lower Upper

178 100

176 18.2 15.0 22.4

179 14.4 11.5 17.3





#73

Carbazole

Concen: 40.546 ng

RT: 18.128 min Scan# 2509

Delta R.T. -0.004 min

Lab File: BG059785.D

Acq: 21 Nov 2023 9:47

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

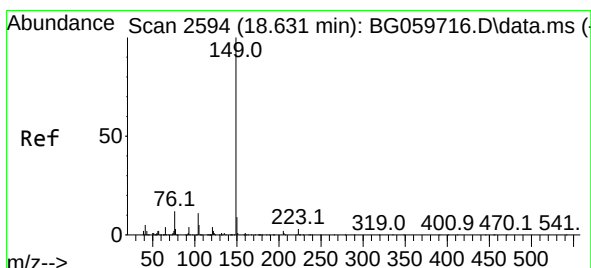
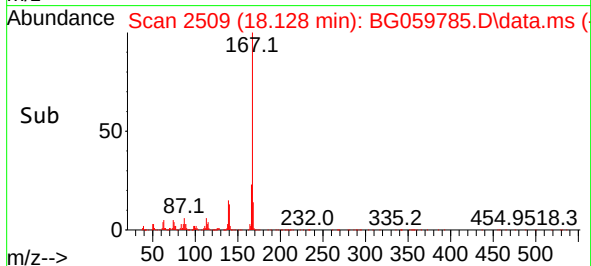
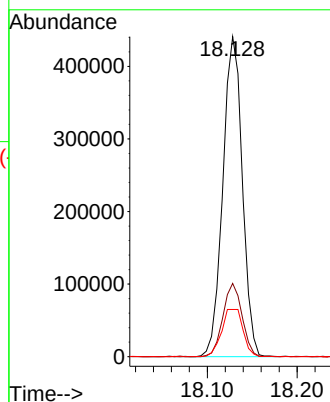
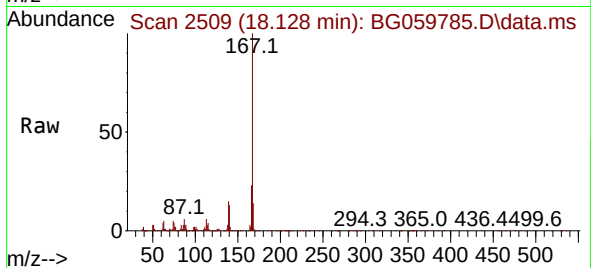
Tgt Ion:167 Resp: 664459

Ion Ratio Lower Upper

167 100

166 22.9 17.4 26.0

139 14.7 13.2 19.8



#74

Di-n-butylphthalate

Concen: 42.306 ng

RT: 18.628 min Scan# 2594

Delta R.T. -0.004 min

Lab File: BG059785.D

Acq: 21 Nov 2023 9:47

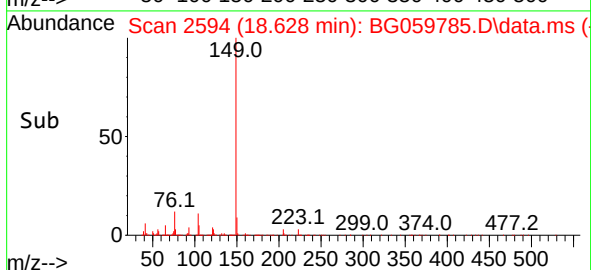
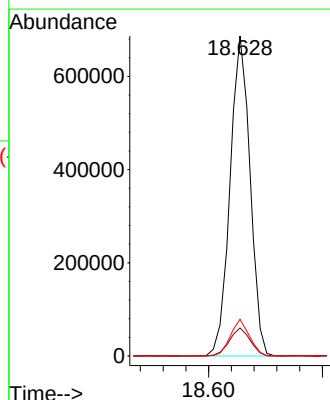
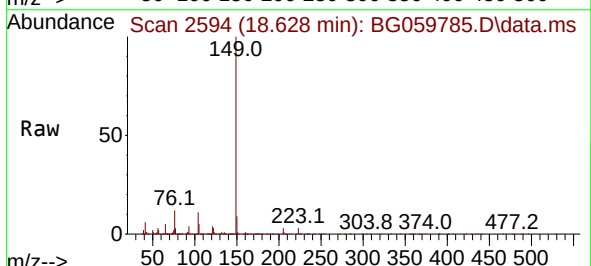
Tgt Ion:149 Resp: 838025

Ion Ratio Lower Upper

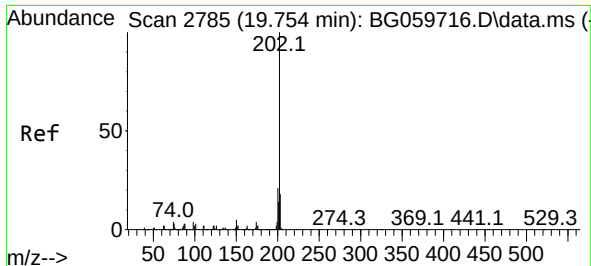
149 100

150 8.7 7.5 11.3

104 11.5 8.6 12.8



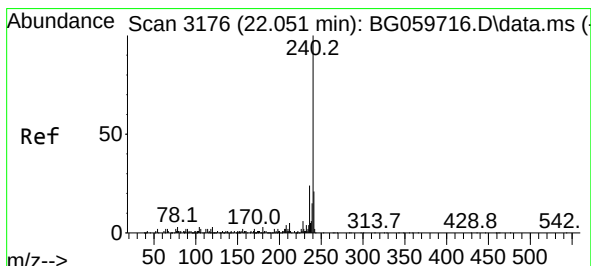
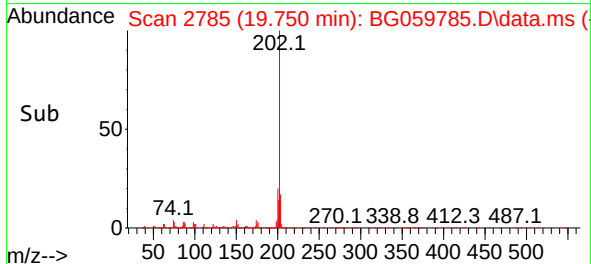
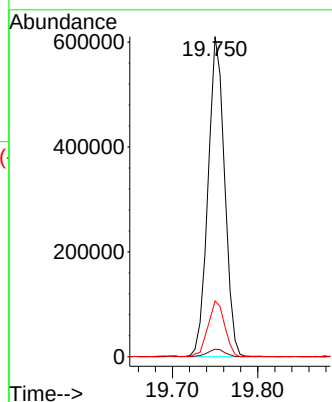
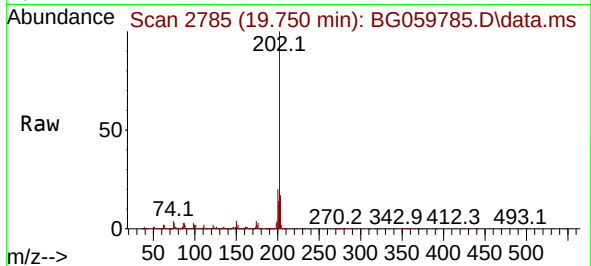




#75  
Fluoranthene  
Concen: 37.984 ng  
RT: 19.750 min Scan# 21  
Delta R.T. -0.004 min  
Lab File: BG059785.D  
Acq: 21 Nov 2023 9:47

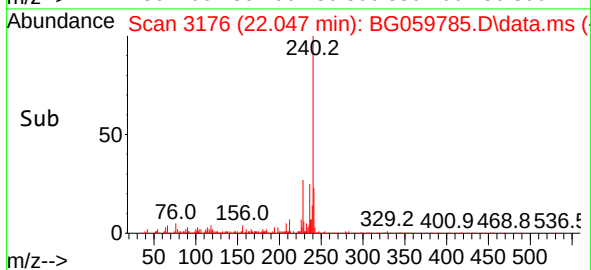
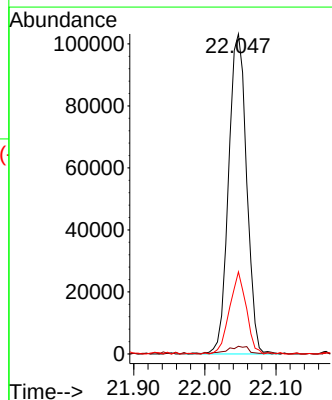
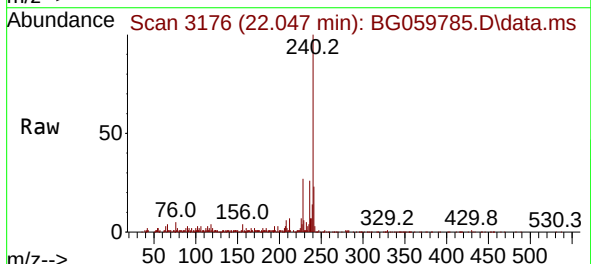
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

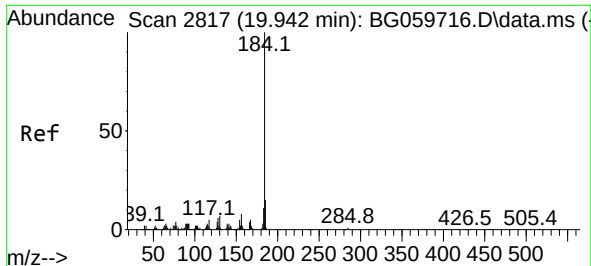
Tgt Ion:202 Resp: 822381  
Ion Ratio Lower Upper  
202 100  
101 2.3 0.0 22.7  
203 17.4 0.0 38.2



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 22.047 min Scan# 3176  
Delta R.T. -0.004 min  
Lab File: BG059785.D  
Acq: 21 Nov 2023 9:47

Tgt Ion:240 Resp: 181653  
Ion Ratio Lower Upper  
240 100  
120 2.4 2.2 3.2  
236 25.6 19.4 29.2

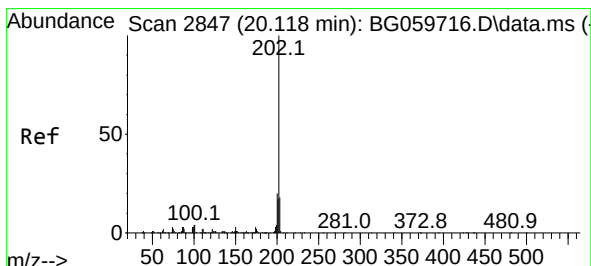
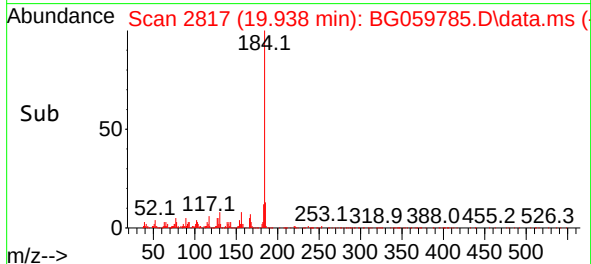
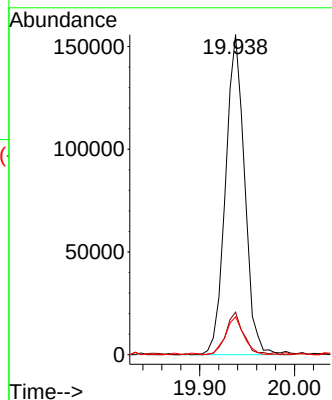
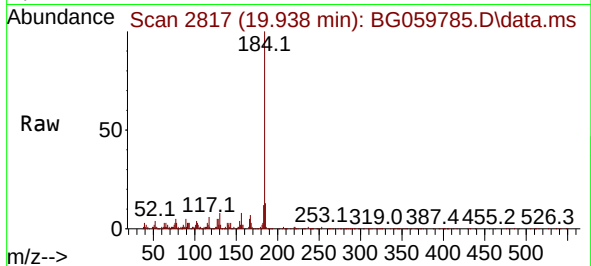




#77  
Benzidine  
Concen: 52.914 ng  
RT: 19.938 min Scan# 21  
Delta R.T. -0.004 min  
Lab File: BG059785.D  
Acq: 21 Nov 2023 9:47

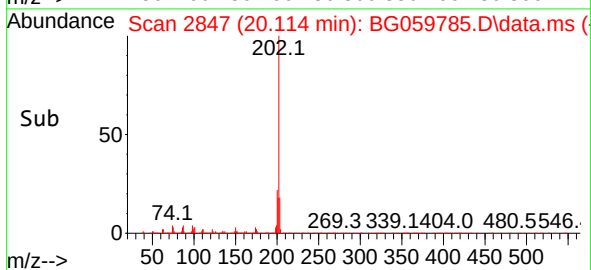
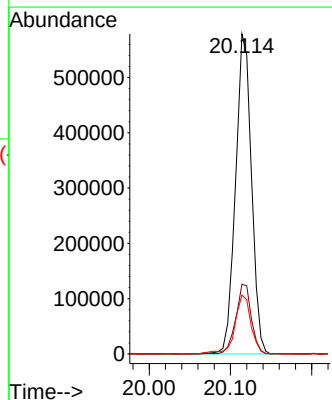
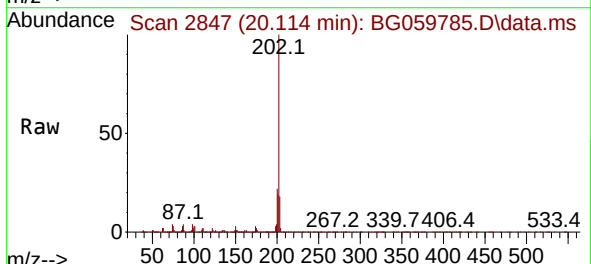
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

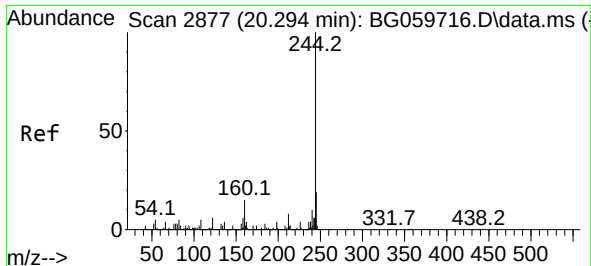
Tgt Ion:184 Resp: 217959  
Ion Ratio Lower Upper  
184 100  
185 13.3 12.2 18.2  
183 11.9 8.8 13.2



#78  
Pyrene  
Concen: 63.553 ng  
RT: 20.114 min Scan# 2847  
Delta R.T. -0.004 min  
Lab File: BG059785.D  
Acq: 21 Nov 2023 9:47

Tgt Ion:202 Resp: 785489  
Ion Ratio Lower Upper  
202 100  
200 21.8 16.2 24.4  
203 18.4 14.0 21.0

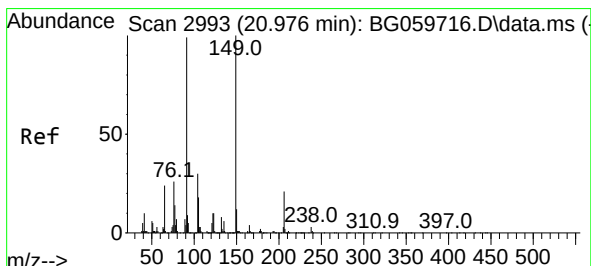
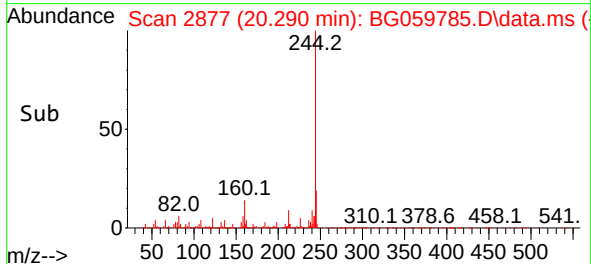
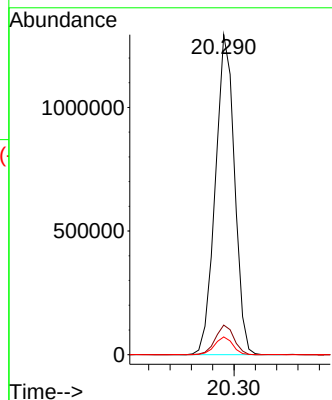
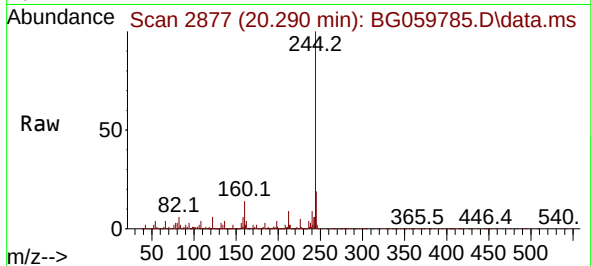




#79  
 Terphenyl-d14  
 Concen: 131.098 ng  
 RT: 20.290 min Scan# 21  
 Delta R.T. -0.004 min  
 Lab File: BG059785.D  
 Acq: 21 Nov 2023 9:47

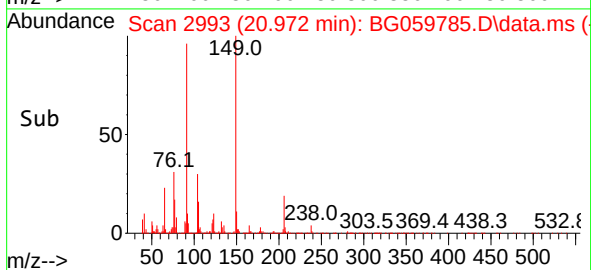
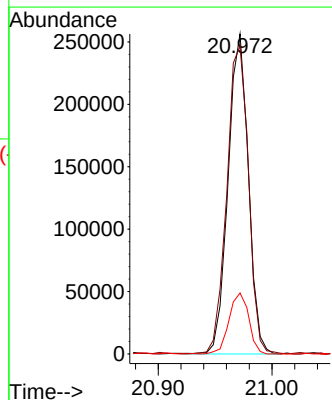
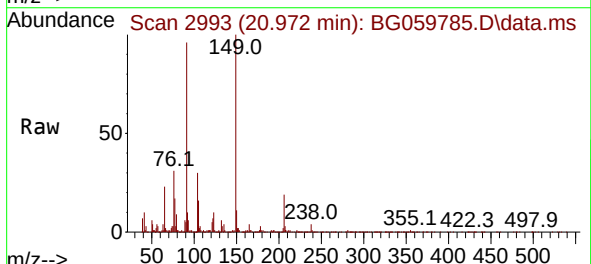
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

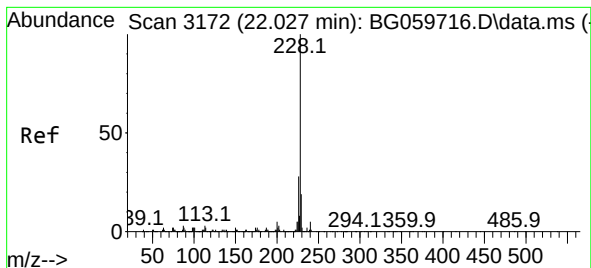
Tgt Ion:244 Resp: 1613168  
 Ion Ratio Lower Upper  
 244 100  
 212 9.2 6.6 10.0  
 122 5.6 4.4 6.6



#80  
 Butylbenzylphthalate  
 Concen: 62.610 ng  
 RT: 20.972 min Scan# 2993  
 Delta R.T. -0.004 min  
 Lab File: BG059785.D  
 Acq: 21 Nov 2023 9:47

Tgt Ion:149 Resp: 317307  
 Ion Ratio Lower Upper  
 149 100  
 91 96.2 79.6 119.4  
 206 19.1 16.9 25.3





#81

Benzo(a)anthracene

Concen: 38.620 ng

RT: 22.024 min Scan# 3172

Delta R.T. -0.004 min

Lab File: BG059785.D

Acq: 21 Nov 2023 9:47

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

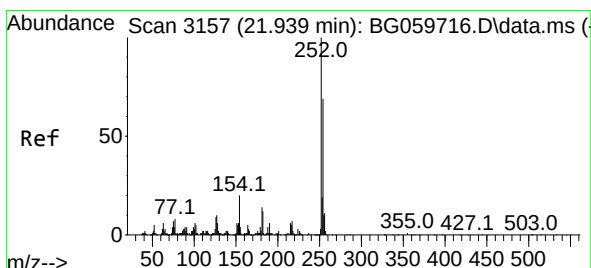
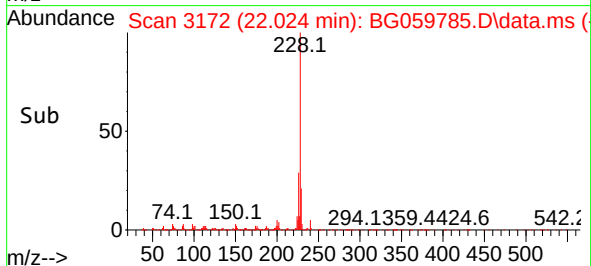
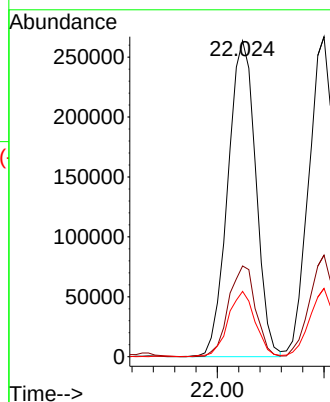
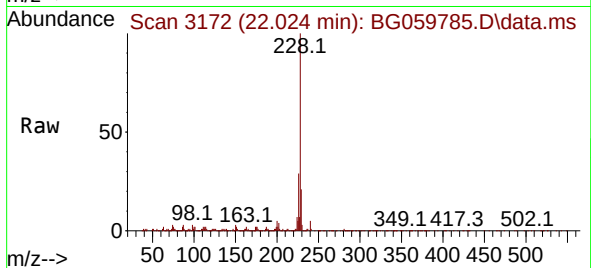
Tgt Ion:228 Resp: 480019

Ion Ratio Lower Upper

228 100

226 28.7 22.1 33.1

229 20.7 14.9 22.3



#82

3,3'-Dichlorobenzidine

Concen: 40.170 ng

RT: 21.936 min Scan# 3157

Delta R.T. -0.004 min

Lab File: BG059785.D

Acq: 21 Nov 2023 9:47

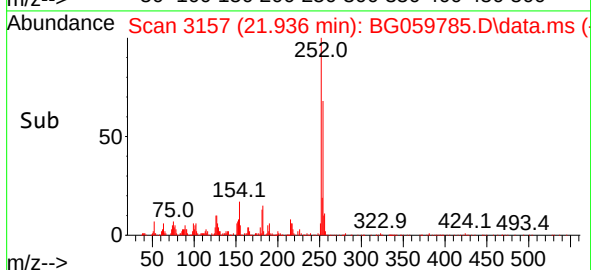
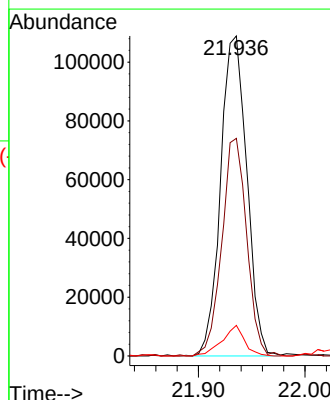
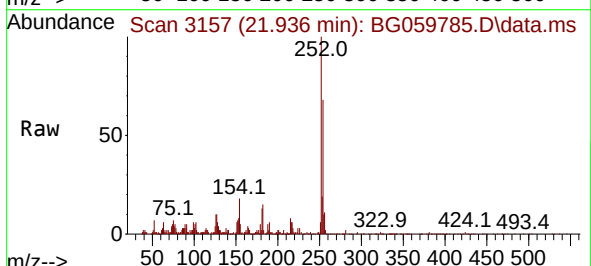
Tgt Ion:252 Resp: 186008

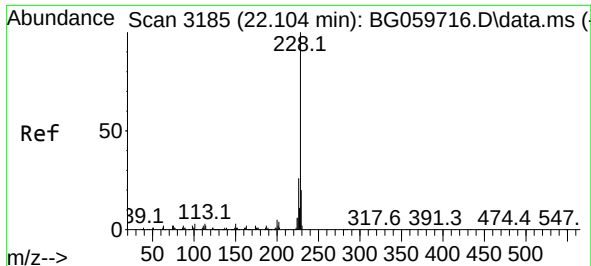
Ion Ratio Lower Upper

252 100

254 68.0 55.2 82.8

126 9.5 7.0 10.6

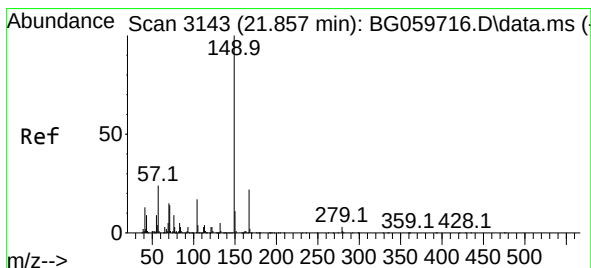
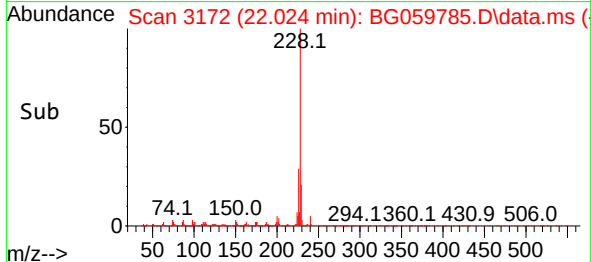
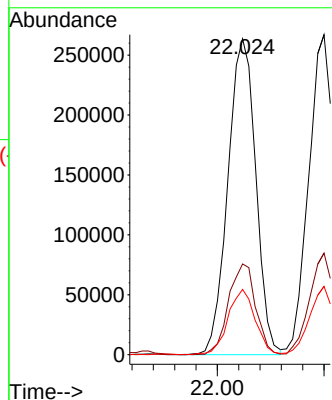
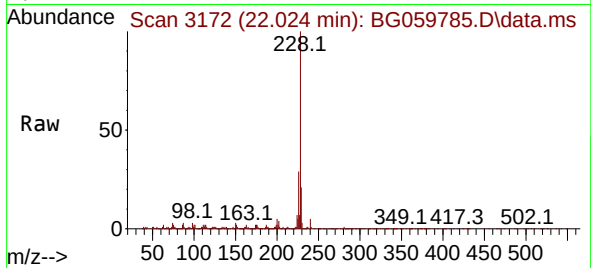




#83  
Chrysene  
Concen: 42.130 ng  
RT: 22.024 min Scan# 3185  
Delta R.T. -0.080 min  
Lab File: BG059785.D  
Acq: 21 Nov 2023 9:47

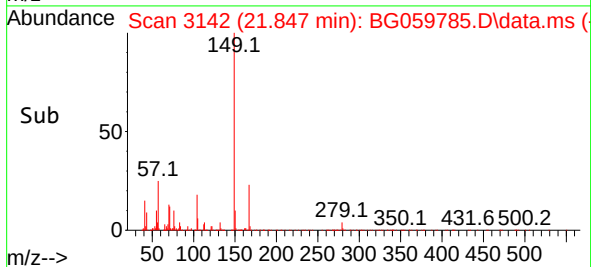
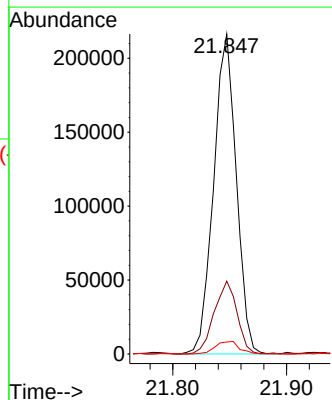
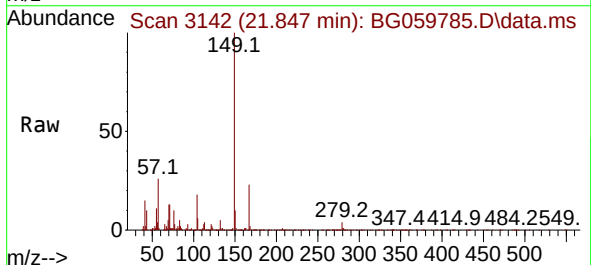
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

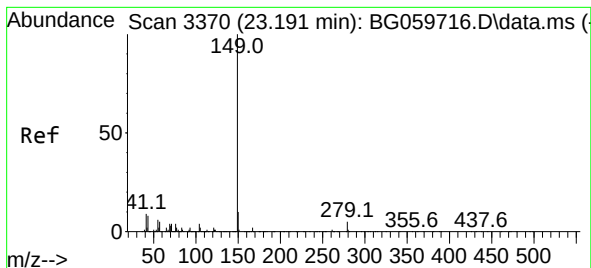
Tgt Ion:228 Resp: 480019  
Ion Ratio Lower Upper  
228 100  
226 28.7 21.1 31.7  
229 20.7 16.2 24.4



#84  
Bis(2-ethylhexyl)phthalate  
Concen: 42.313 ng  
RT: 21.847 min Scan# 3142  
Delta R.T. -0.010 min  
Lab File: BG059785.D  
Acq: 21 Nov 2023 9:47

Tgt Ion:149 Resp: 299774  
Ion Ratio Lower Upper  
149 100  
167 22.7 17.6 26.4  
279 3.8 2.7 4.1





#85

Di-n-octyl phthalate

Concen: 35.373 ng

RT: 23.181 min Scan# 31

Delta R.T. -0.010 min

Lab File: BG059785.D

Acq: 21 Nov 2023 9:47

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

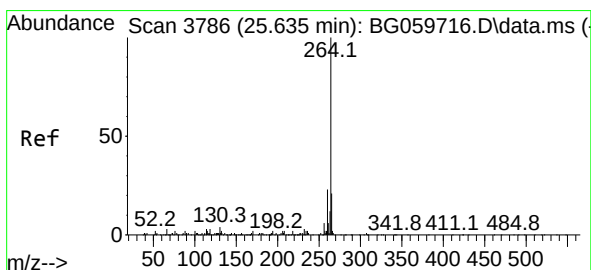
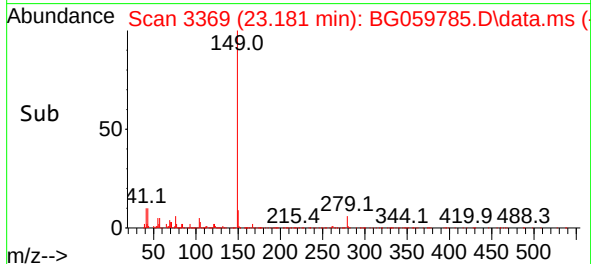
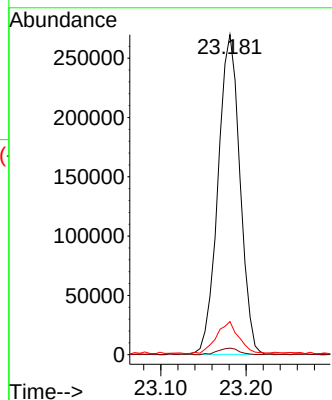
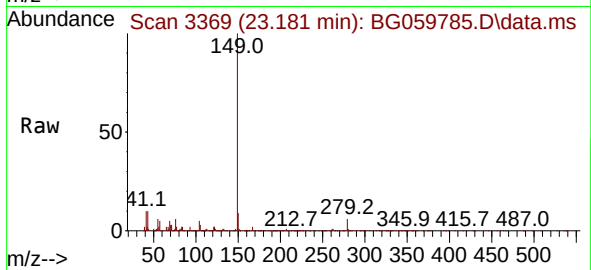
Tgt Ion:149 Resp: 482444

Ion Ratio Lower Upper

149 100

167 2.0 1.2 1.8#

43 10.1 6.3 9.5#



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.625 min Scan# 3785

Delta R.T. -0.010 min

Lab File: BG059785.D

Acq: 21 Nov 2023 9:47

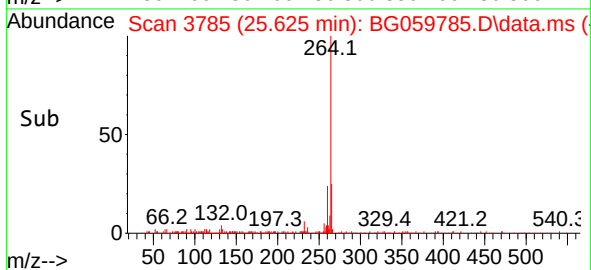
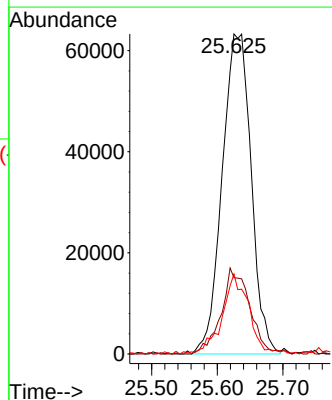
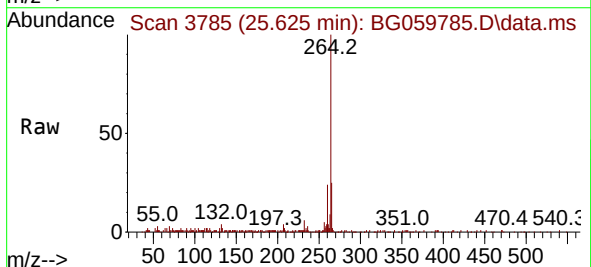
Tgt Ion:264 Resp: 194591

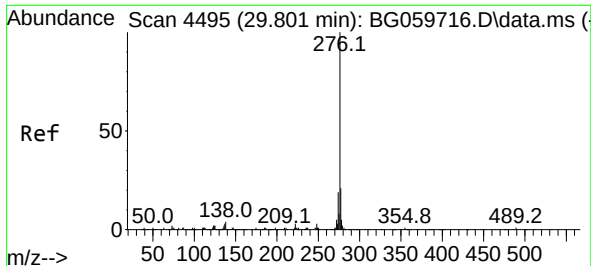
Ion Ratio Lower Upper

264 100

260 23.8 18.5 27.7

265 25.0 17.0 25.6

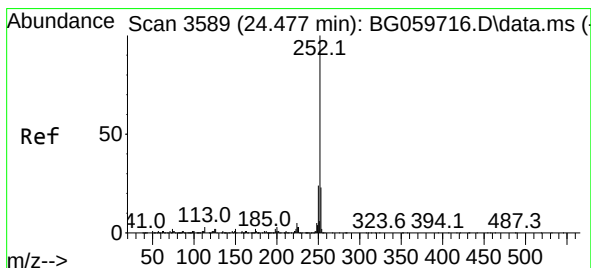
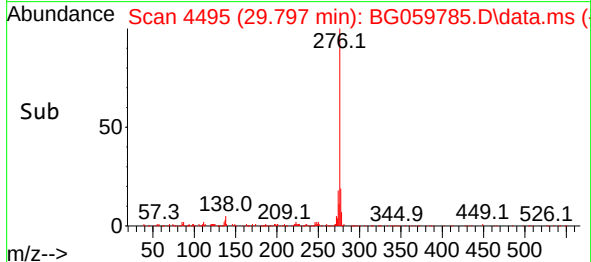
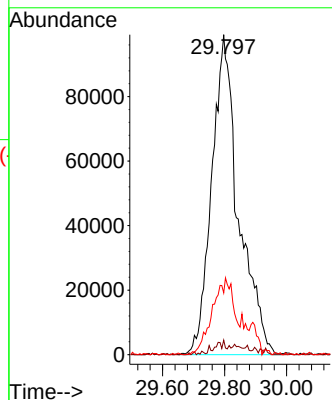
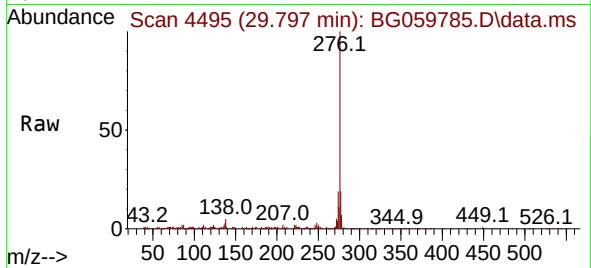




#87  
 Indeno(1,2,3-cd)pyrene  
 Concen: 40.479 ng  
 RT: 29.797 min Scan# 4495  
 Delta R.T. -0.004 min  
 Lab File: BG059785.D  
 Acq: 21 Nov 2023 9:47

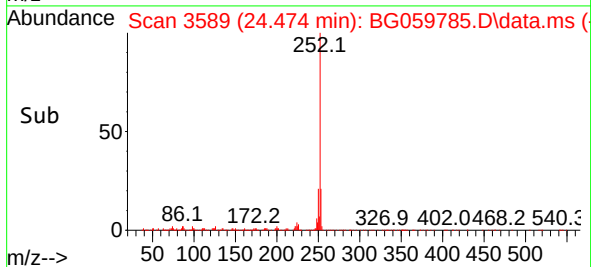
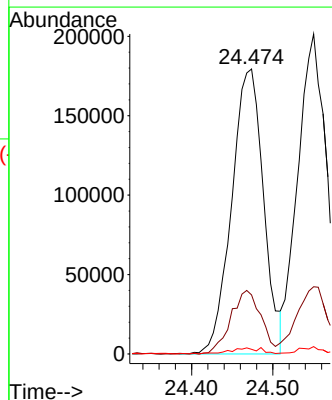
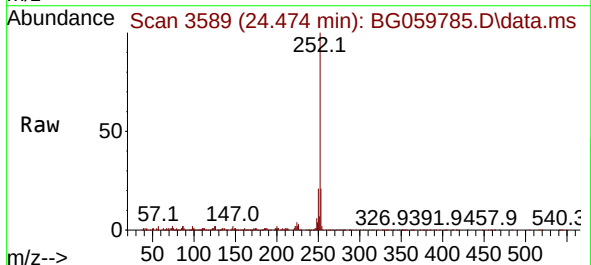
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

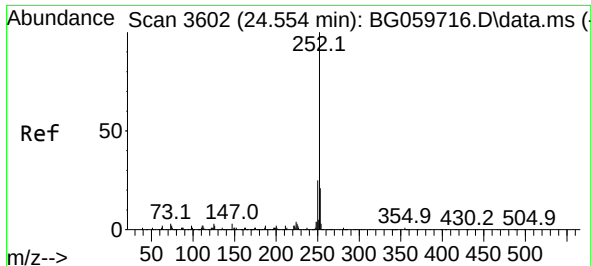
Tgt Ion:276 Resp: 596019  
 Ion Ratio Lower Upper  
 276 100  
 138 0.0 1.8 2.6#  
 277 19.5 9.8 14.6#



#88  
 Benzo(b)fluoranthene  
 Concen: 45.847 ng  
 RT: 24.474 min Scan# 3589  
 Delta R.T. -0.004 min  
 Lab File: BG059785.D  
 Acq: 21 Nov 2023 9:47

Tgt Ion:252 Resp: 488976  
 Ion Ratio Lower Upper  
 252 100  
 253 20.7 18.3 27.5  
 125 1.7 1.4 2.0

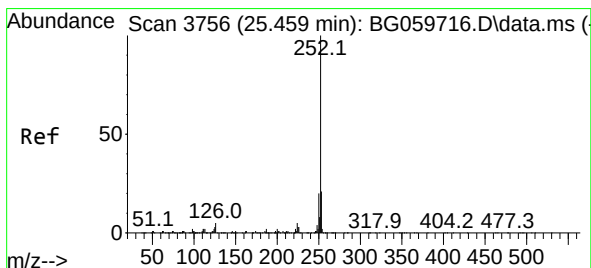
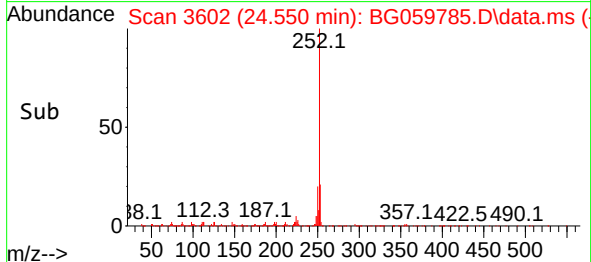
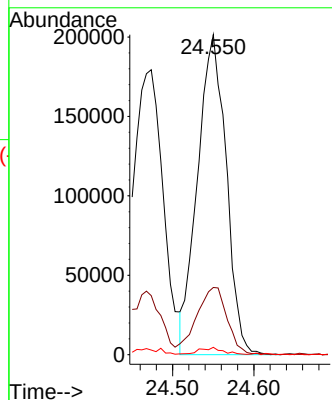
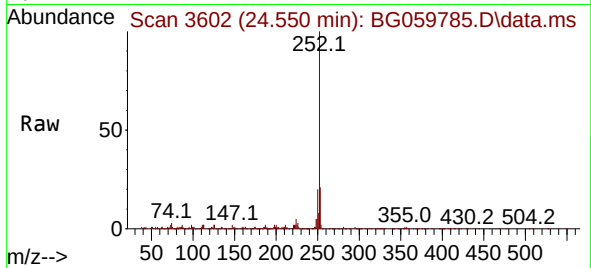




#89  
Benzo(k)fluoranthene  
Concen: 46.801 ng  
RT: 24.550 min Scan# 30  
Delta R.T. -0.004 min  
Lab File: BG059785.D  
Acq: 21 Nov 2023 9:47

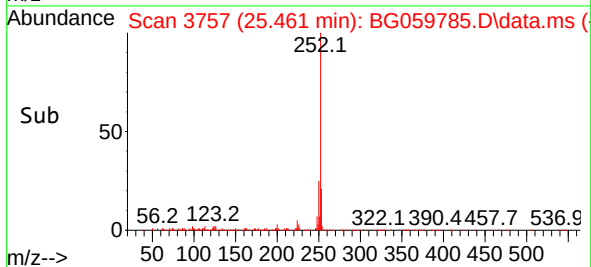
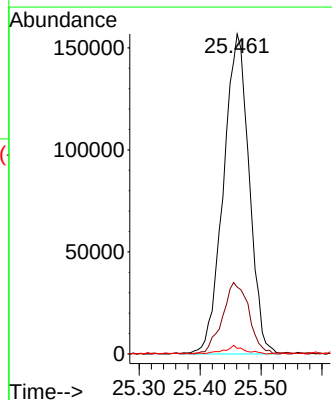
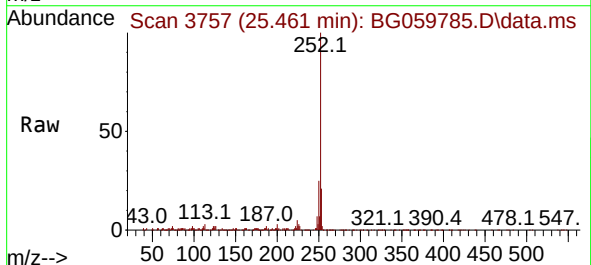
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

Tgt Ion:252 Resp: 493471  
Ion Ratio Lower Upper  
252 100  
253 21.0 17.1 25.7  
125 2.3 2.2 3.2

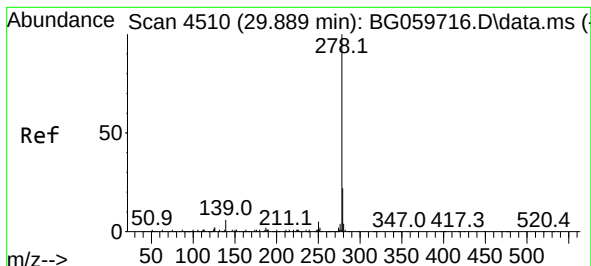


#90  
Benzo(a)pyrene  
Concen: 40.403 ng  
RT: 25.461 min Scan# 3757  
Delta R.T. 0.002 min  
Lab File: BG059785.D  
Acq: 21 Nov 2023 9:47

Tgt Ion:252 Resp: 459891  
Ion Ratio Lower Upper  
252 100  
253 20.9 16.8 25.2  
125 1.7 2.0 3.0#







#91

Dibenzo(a,h)anthracene

Concen: 40.262 ng

RT: 29.873 min Scan# 4

Delta R.T. -0.015 min

Lab File: BG059785.D

Acq: 21 Nov 2023 9:47

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

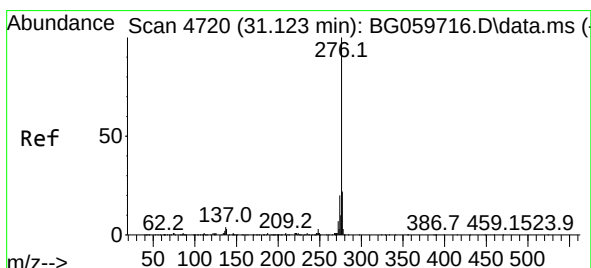
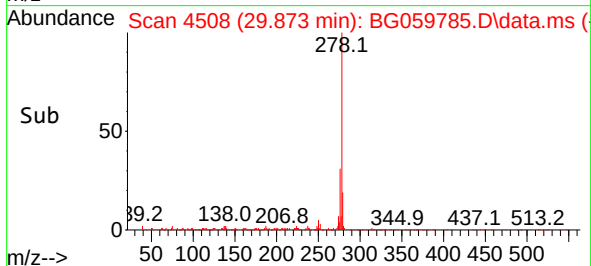
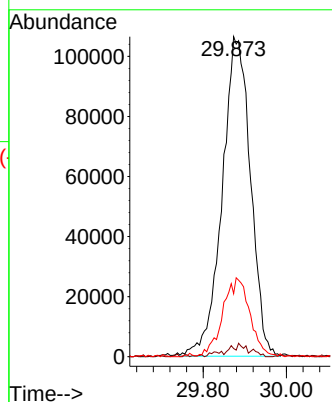
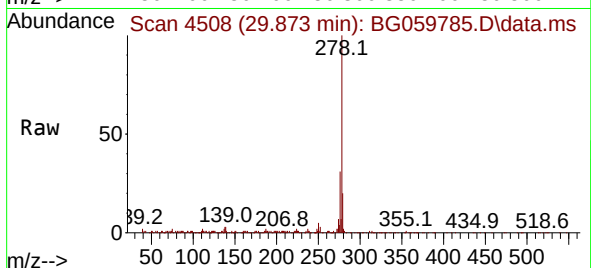
Tgt Ion:278 Resp: 501556

Ion Ratio Lower Upper

278 100

139 2.5 4.6 7.0#

279 19.7 17.4 26.0



#92

Benzo(g,h,i)perylene

Concen: 39.194 ng

RT: 31.136 min Scan# 4723

Delta R.T. 0.014 min

Lab File: BG059785.D

Acq: 21 Nov 2023 9:47

Tgt Ion:276 Resp: 463271

Ion Ratio Lower Upper

276 100

277 26.0 17.3 25.9#

138 2.2 2.6 4.0#

