

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG091823\  
 Data File : BG059084.D  
 Acq On : 18 Sep 2023 12:28  
 Operator : MA/JU  
 Sample : SSTDICCC040  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICCC040

Quant Time: Sep 19 01:23:05 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG091823.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Sep 19 01:19:29 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.300  | 152  | 34874    | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 11.150 | 136  | 168933   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.934 | 164  | 109870   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.677 | 188  | 232076   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 22.002 | 240  | 198481   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 25.556 | 264  | 232337   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.791  | 112  | 181924   | 81.497 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.419  | 99   | 272759   | 82.213 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.499  | 82   | 258785   | 81.928 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.414 | 330  | 100450   | 79.474 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.553 | 172  | 577922   | 78.540 | ng    | 0.00     |
| 79) Terphenyl-d14             | 20.257 | 244  | 867478   | 82.225 | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.653  | 88   | 39811    | 37.013 | ng    | 100      |
| 3) Pyridine                   | 4.064  | 79   | 121686   | 39.708 | ng    | 100      |
| 4) n-Nitrosodimethylamine     | 3.993  | 42   | 63550    | 40.790 | ng    | 100      |
| 6) Aniline                    | 7.624  | 93   | 173851   | 40.671 | ng    | 100      |
| 8) 2-Chlorophenol             | 7.848  | 128  | 101362   | 40.064 | ng    | 100      |
| 9) Benzaldehyde               | 7.448  | 77   | 75065    | 41.744 | ng    | 100      |
| 10) Phenol                    | 7.442  | 94   | 134732   | 41.520 | ng    | 100      |
| 11) bis(2-Chloroethyl)ether   | 7.718  | 93   | 105219   | 40.859 | ng    | 100      |
| 12) 1,3-Dichlorobenzene       | 8.183  | 146  | 104018   | 40.373 | ng    | 100      |
| 13) 1,4-Dichlorobenzene       | 8.341  | 146  | 106569   | 41.311 | ng    | 100      |
| 14) 1,2-Dichlorobenzene       | 8.659  | 146  | 100283   | 39.975 | ng    | 100      |
| 15) Benzyl Alcohol            | 8.541  | 79   | 95476    | 40.212 | ng    | 100      |
| 16) 2,2'-oxybis(1-Chloropr... | 8.811  | 45   | 213692   | 41.293 | ng    | 100      |
| 17) 2-Methylphenol            | 8.723  | 107  | 100538   | 39.923 | ng    | 100      |
| 18) Hexachloroethane          | 9.387  | 117  | 37207    | 41.063 | ng    | 100      |
| 19) n-Nitroso-di-n-propyla... | 9.111  | 70   | 85117    | 40.050 | ng    | 100      |
| 20) 3+4-Methylphenols         | 9.052  | 107  | 140512   | 41.228 | ng    | 100      |
| 22) Acetophenone              | 9.140  | 105  | 171380   | 39.393 | ng    | 100      |
| 24) Nitrobenzene              | 9.546  | 77   | 121952   | 40.162 | ng    | 100      |
| 25) Isophorone                | 10.051 | 82   | 260356   | 40.653 | ng    | 100      |
| 26) 2-Nitrophenol             | 10.251 | 139  | 57341    | 40.952 | ng    | 100      |
| 27) 2,4-Dimethylphenol        | 10.268 | 122  | 108093   | 40.680 | ng    | 100      |
| 28) bis(2-Chloroethoxy)met... | 10.533 | 93   | 144601   | 39.792 | ng    | 100      |
| 29) 2,4-Dichlorophenol        | 10.768 | 162  | 101049   | 40.920 | ng    | 100      |
| 30) 1,2,4-Trichlorobenzene    | 10.991 | 180  | 97029    | 40.649 | ng    | 100      |
| 31) Naphthalene               | 11.197 | 128  | 348517   | 40.354 | ng    | 100      |
| 32) Benzoic acid              | 10.380 | 122  | 74545    | 40.269 | ng    | 100      |
| 33) 4-Chloroaniline           | 11.308 | 127  | 152363   | 39.343 | ng    | 100      |
| 34) Hexachlorobutadiene       | 11.426 | 225  | 56675    | 39.229 | ng    | 100      |
| 35) Caprolactam               | 12.102 | 113  | 37365    | 38.492 | ng    | 100      |
| 36) 4-Chloro-3-methylphenol   | 12.384 | 107  | 114074   | 39.671 | ng    | 100      |
| 37) 2-Methylnaphthalene       | 12.777 | 142  | 243361   | 39.693 | ng    | 100      |
| 38) 1-Methylnaphthalene       | 12.995 | 142  | 226248   | 39.177 | ng    | 100      |
| 40) 1,2,4,5-Tetrachloroben... | 13.118 | 216  | 108689   | 39.425 | ng    | 100      |
| 41) Hexachlorocyclopentadiene | 13.071 | 237  | 60269    | 40.046 | ng    | 100      |
| 43) 2,4,6-Trichlorophenol     | 13.359 | 196  | 80360    | 39.855 | ng    | 100      |

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 Sample : SSTDICCC040  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
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 ClientSampleId :  
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 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG091823.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Sep 19 01:19:29 2023  
 Response via : Initial Calibration

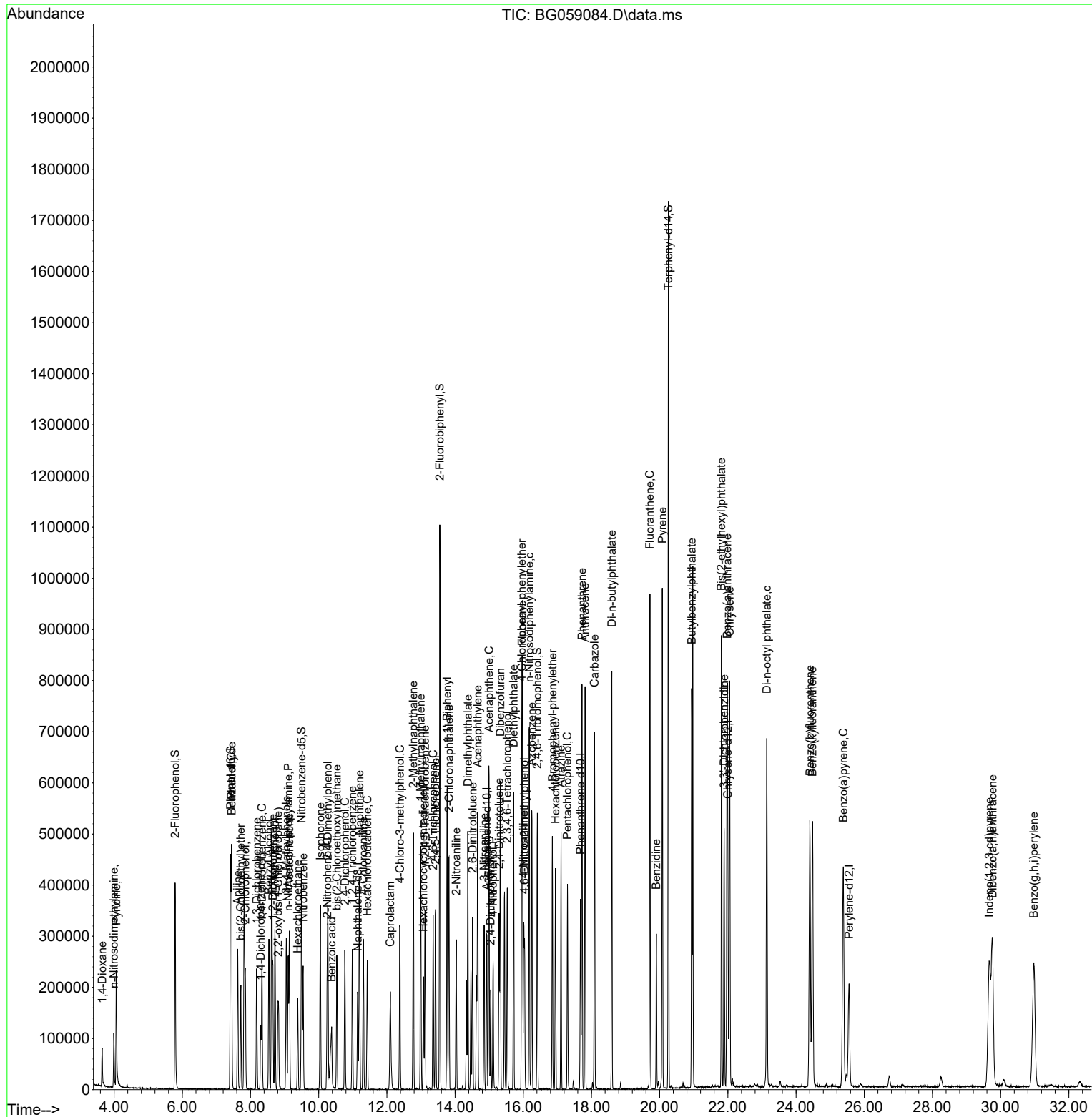
| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 13.429 | 196  | 94460    | 39.469 | ng    | 100      |
| 46) 1,1'-Biphenyl             | 13.770 | 154  | 302704   | 38.980 | ng    | 100      |
| 47) 2-Chloronaphthalene       | 13.823 | 162  | 241860   | 40.068 | ng    | 100      |
| 48) 2-Nitroaniline            | 14.035 | 65   | 88140    | 40.209 | ng    | 100      |
| 49) Acenaphthylene            | 14.663 | 152  | 395254   | 39.590 | ng    | 100      |
| 50) Dimethylphthalate         | 14.375 | 163  | 330999   | 39.074 | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 14.516 | 165  | 66753    | 39.097 | ng    | 100      |
| 52) Acenaphthene              | 14.998 | 154  | 230492   | 40.577 | ng    | 100      |
| 53) 3-Nitroaniline            | 14.857 | 138  | 80464    | 40.042 | ng    | 100      |
| 54) 2,4-Dinitrophenol         | 15.045 | 184  | 37413    | 39.539 | ng    | 100      |
| 55) Dibenzofuran              | 15.327 | 168  | 397599   | 40.355 | ng    | 100      |
| 56) 4-Nitrophenol             | 15.116 | 139  | 62082    | 39.796 | ng    | 100      |
| 57) 2,4-Dinitrotoluene        | 15.292 | 165  | 95359    | 41.415 | ng    | 100      |
| 58) Fluorene                  | 15.974 | 166  | 323905   | 39.978 | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol | 15.533 | 232  | 80476    | 40.576 | ng    | 100      |
| 60) Diethylphthalate          | 15.721 | 149  | 331888   | 39.398 | ng    | 100      |
| 61) 4-Chlorophenyl-phenyle... | 15.956 | 204  | 149015   | 40.663 | ng    | 100      |
| 62) 4-Nitroaniline            | 16.015 | 138  | 79044    | 40.175 | ng    | 100      |
| 63) Azobenzene                | 16.250 | 77   | 326314   | 39.358 | ng    | 100      |
| 65) 4,6-Dinitro-2-methylph... | 16.038 | 198  | 55371    | 41.240 | ng    | 100      |
| 66) n-Nitrosodiphenylamine    | 16.179 | 169  | 279509   | 40.588 | ng    | 100      |
| 67) 4-Bromophenyl-phenylether | 16.855 | 248  | 88776    | 39.464 | ng    | 100      |
| 68) Hexachlorobenzene         | 16.943 | 284  | 91206    | 39.186 | ng    | 100      |
| 69) Atrazine                  | 17.107 | 200  | 82770    | 37.320 | ng    | 100      |
| 70) Pentachlorophenol         | 17.295 | 266  | 72401    | 40.205 | ng    | 100      |
| 71) Phenanthrene              | 17.724 | 178  | 485027   | 39.413 | ng    | 100      |
| 72) Anthracene                | 17.813 | 178  | 510816   | 40.388 | ng    | 100      |
| 73) Carbazole                 | 18.089 | 167  | 471479   | 39.314 | ng    | 100      |
| 74) Di-n-butylphthalate       | 18.600 | 149  | 582538   | 39.633 | ng    | 100      |
| 75) Fluoranthene              | 19.716 | 202  | 575065   | 39.724 | ng    | 100      |
| 77) Benzidine                 | 19.904 | 184  | 164137   | 39.060 | ng    | 100      |
| 78) Pyrene                    | 20.080 | 202  | 583027   | 41.629 | ng    | 100      |
| 80) Butylbenzylphthalate      | 20.938 | 149  | 236279   | 40.713 | ng    | 100      |
| 81) Benzo(a)anthracene        | 21.984 | 228  | 545533   | 40.537 | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine    | 21.896 | 252  | 200909   | 41.429 | ng    | 100      |
| 83) Chrysene                  | 22.055 | 228  | 521029   | 40.393 | ng    | 100      |
| 84) Bis(2-ethylhexyl)phtha... | 21.814 | 149  | 354453   | 40.164 | ng    | 100      |
| 85) Di-n-octyl phthalate      | 23.142 | 149  | 617364   | 41.242 | ng    | 100      |
| 87) Indeno(1,2,3-cd)pyrene    | 29.669 | 276  | 607721   | 40.507 | ng    | 100      |
| 88) Benzo(b)fluoranthene      | 24.405 | 252  | 541279   | 40.273 | ng    | 100      |
| 89) Benzo(k)fluoranthene      | 24.481 | 252  | 559081   | 40.484 | ng    | 100      |
| 90) Benzo(a)pyrene            | 25.386 | 252  | 534828   | 40.534 | ng    | 100      |
| 91) Dibenzo(a,h)anthracene    | 29.763 | 278  | 505050   | 41.608 | ng    | 100      |
| 92) Benzo(g,h,i)perylene      | 30.974 | 276  | 499218   | 40.218 | ng    | 100      |

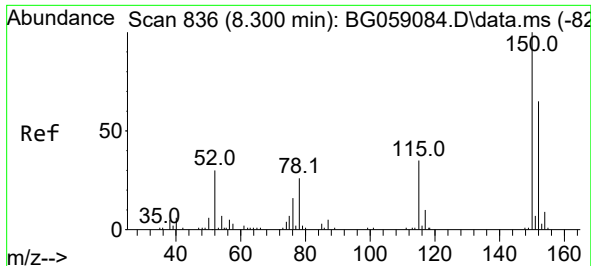
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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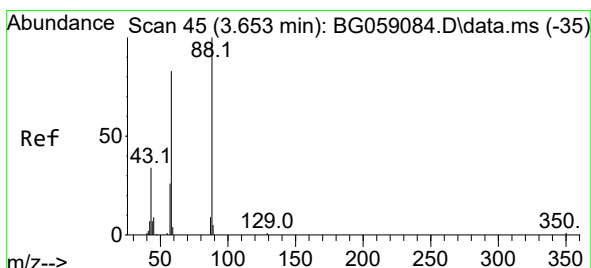
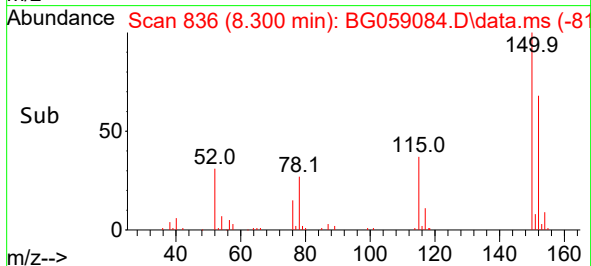
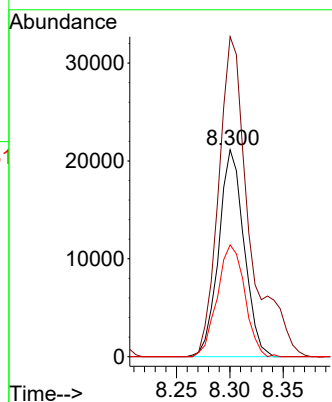
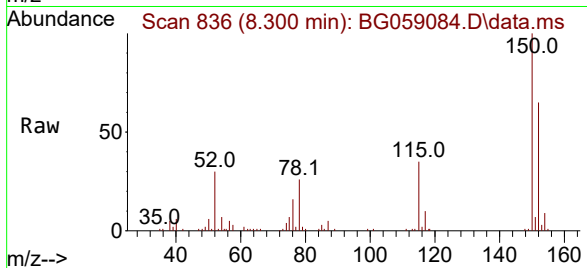




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 8.300 min Scan# 81  
 Delta R.T. 0.000 min  
 Lab File: BG059084.D  
 Acq: 18 Sep 2023 12:28

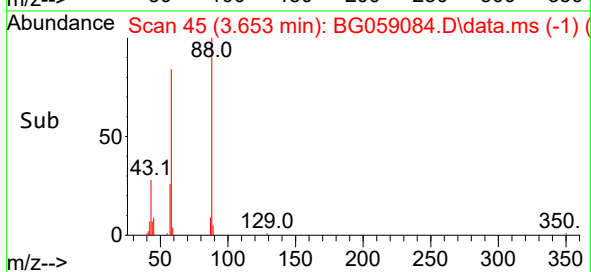
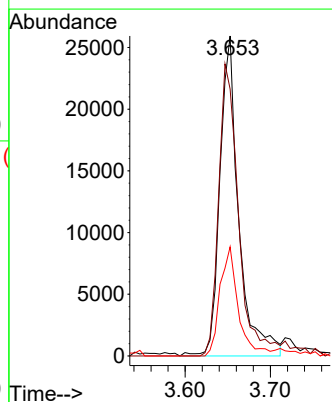
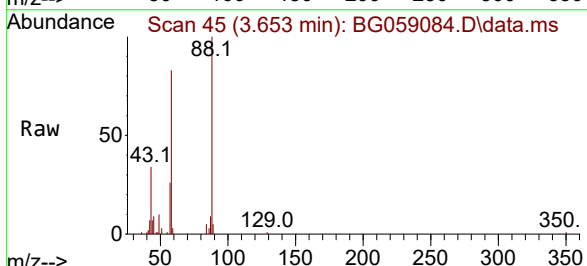
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC040

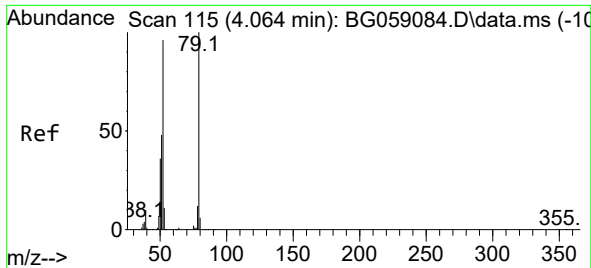
Tgt Ion:152 Resp: 34874  
 Ion Ratio Lower Upper  
 152 100  
 150 154.6 123.7 185.5  
 115 54.1 43.3 64.9



#2  
 1,4-Dioxane  
 Concen: 37.013 ng  
 RT: 3.653 min Scan# 45  
 Delta R.T. 0.000 min  
 Lab File: BG059084.D  
 Acq: 18 Sep 2023 12:28

Tgt Ion: 88 Resp: 39811  
 Ion Ratio Lower Upper  
 88 100  
 58 100.8 80.6 121.0  
 43 33.1 26.5 39.7

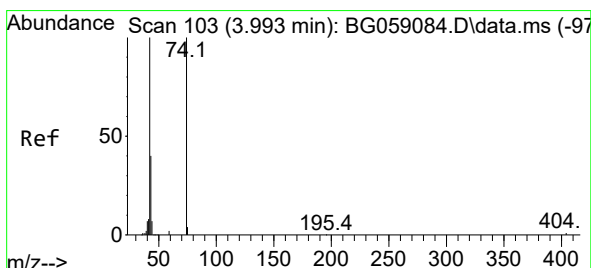
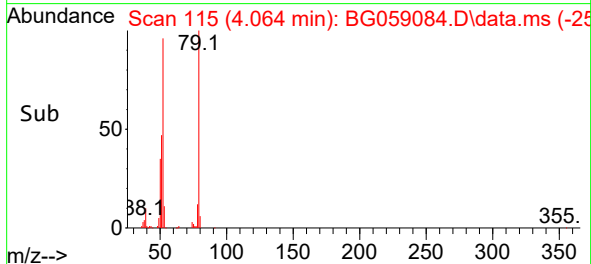
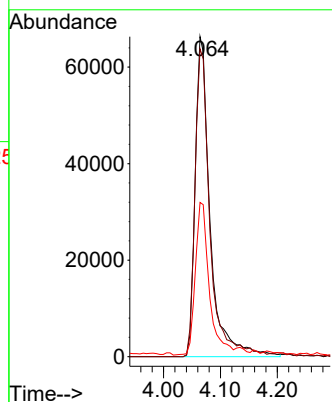
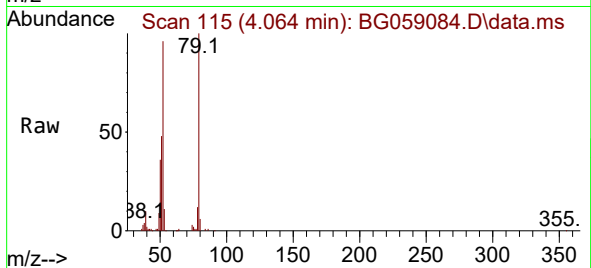




#3  
Pyridine  
Concen: 39.708 ng  
RT: 4.064 min Scan# 115  
Delta R.T. 0.000 min  
Lab File: BG059084.D  
Acq: 18 Sep 2023 12:28

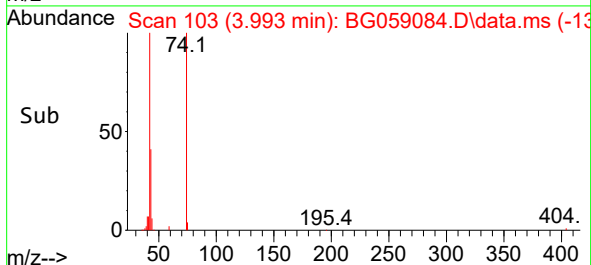
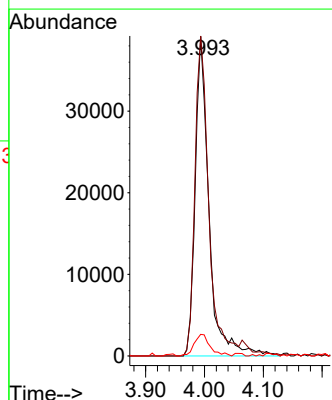
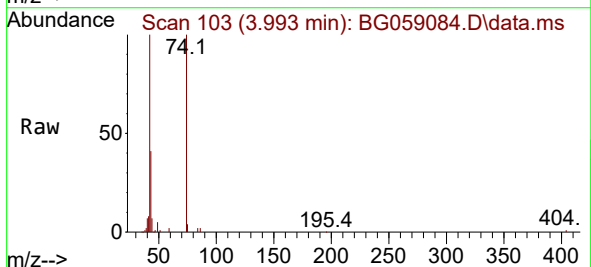
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ClientSampleId :  
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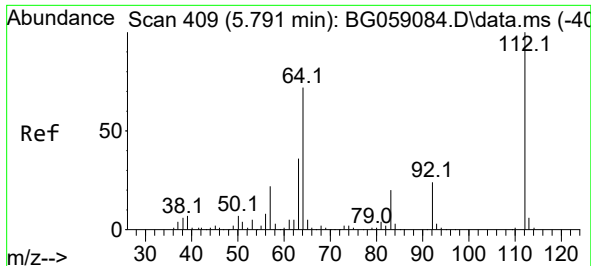
Tgt Ion: 79 Resp: 121686  
Ion Ratio Lower Upper  
79 100  
52 96.2 77.0 115.4  
51 48.2 38.6 57.8



#4  
n-Nitrosodimethylamine  
Concen: 40.790 ng  
RT: 3.993 min Scan# 103  
Delta R.T. 0.000 min  
Lab File: BG059084.D  
Acq: 18 Sep 2023 12:28

Tgt Ion: 42 Resp: 63550  
Ion Ratio Lower Upper  
42 100  
74 100.2 80.2 120.2  
44 6.8 5.4 8.2

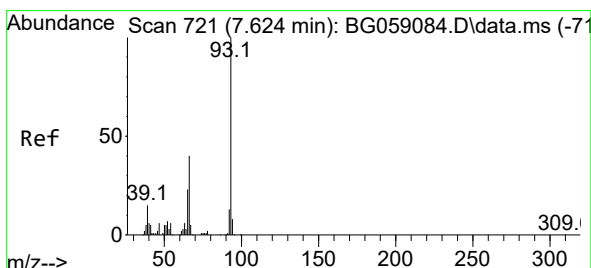
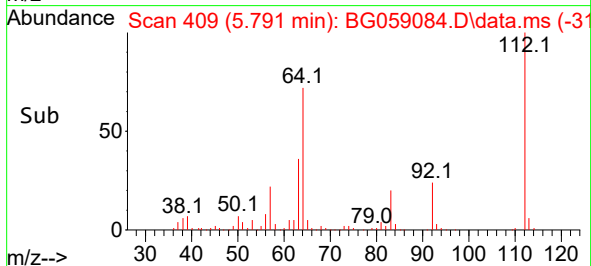
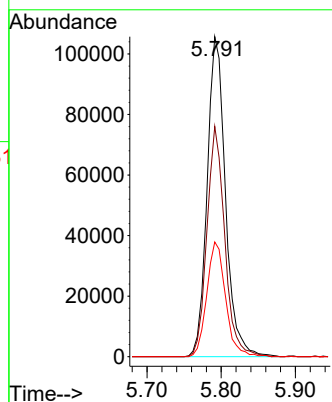
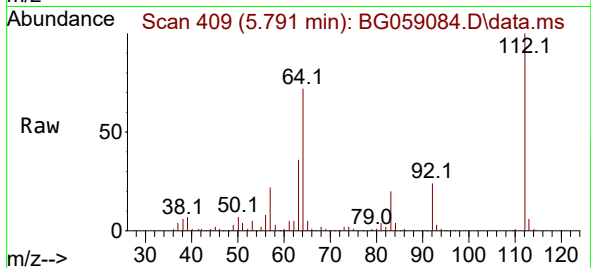




#5  
2-Fluorophenol  
Concen: 81.497 ng  
RT: 5.791 min Scan# 409  
Delta R.T. 0.000 min  
Lab File: BG059084.D  
Acq: 18 Sep 2023 12:28

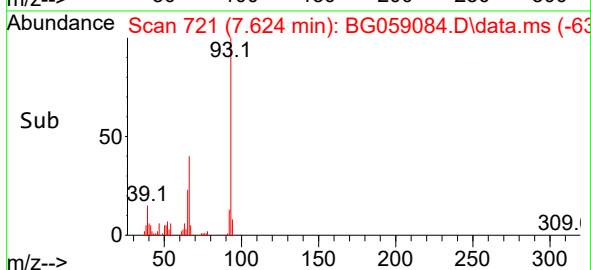
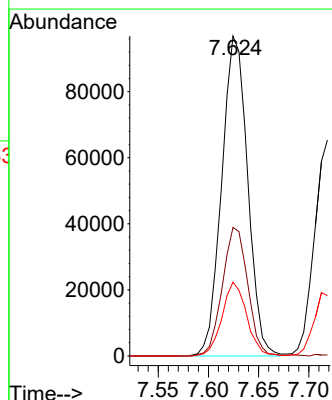
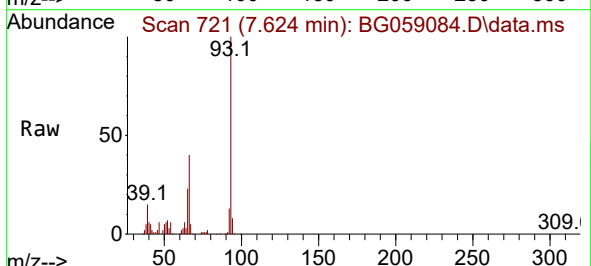
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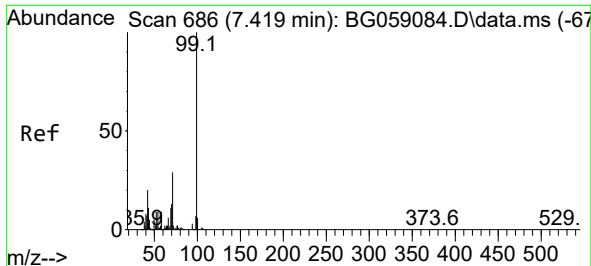
Tgt Ion:112 Resp: 181924  
Ion Ratio Lower Upper  
112 100  
64 71.9 57.5 86.3  
63 35.9 28.7 43.1



#6  
Aniline  
Concen: 40.671 ng  
RT: 7.624 min Scan# 721  
Delta R.T. 0.000 min  
Lab File: BG059084.D  
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Tgt Ion: 93 Resp: 173851  
Ion Ratio Lower Upper  
93 100  
66 40.1 32.1 48.1  
65 23.0 18.4 27.6

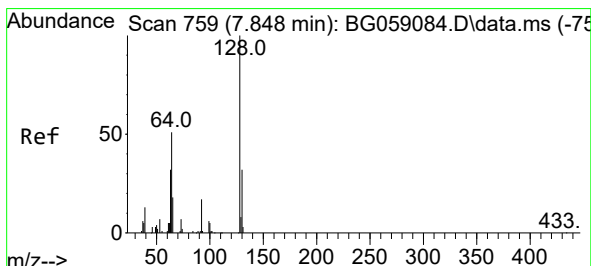
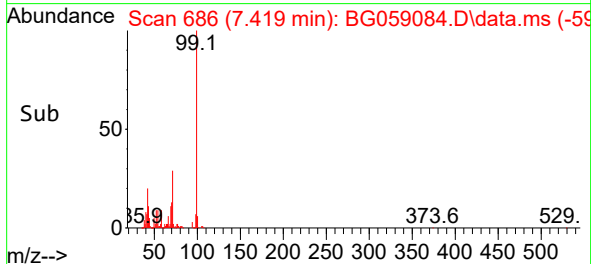
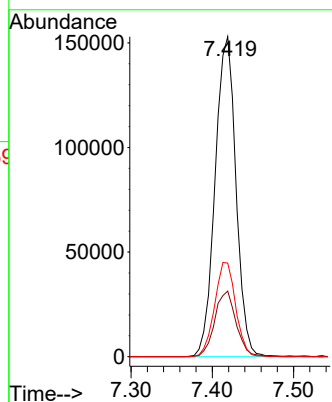
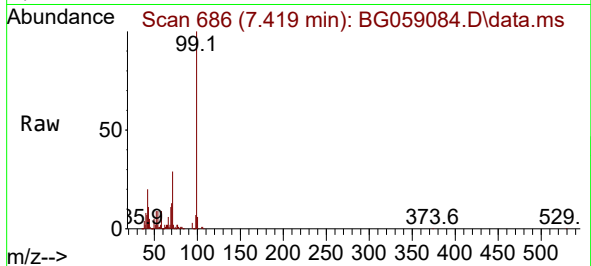




#7  
Phenol-d6  
Concen: 82.213 ng  
RT: 7.419 min Scan# 686  
Delta R.T. 0.000 min  
Lab File: BG059084.D  
Acq: 18 Sep 2023 12:28

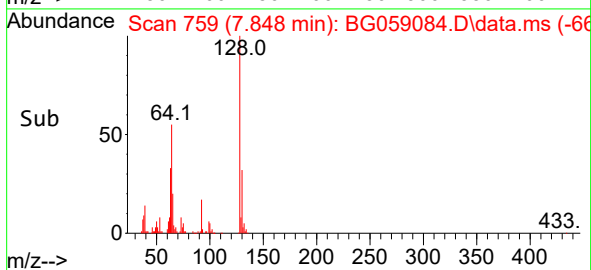
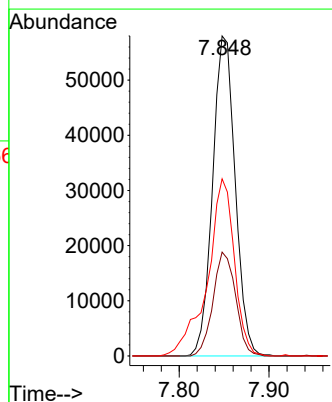
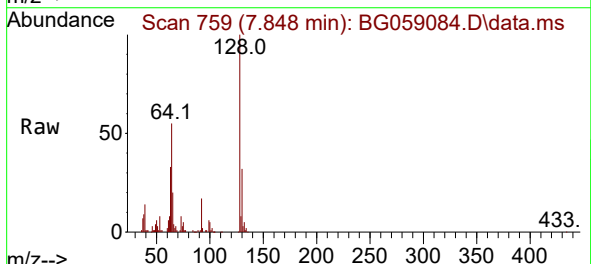
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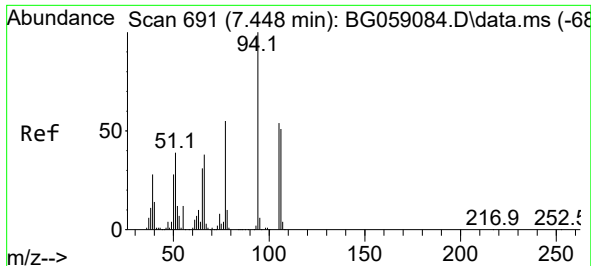
Tgt Ion: 99 Resp: 272759  
Ion Ratio Lower Upper  
99 100  
42 20.5 16.4 24.6  
71 29.2 23.4 35.0



#8  
2-Chlorophenol  
Concen: 40.064 ng  
RT: 7.848 min Scan# 759  
Delta R.T. 0.000 min  
Lab File: BG059084.D  
Acq: 18 Sep 2023 12:28

Tgt Ion: 128 Resp: 101362  
Ion Ratio Lower Upper  
128 100  
130 32.4 12.4 52.4  
64 55.4 35.4 75.4

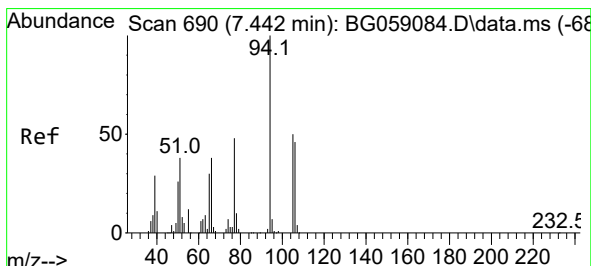
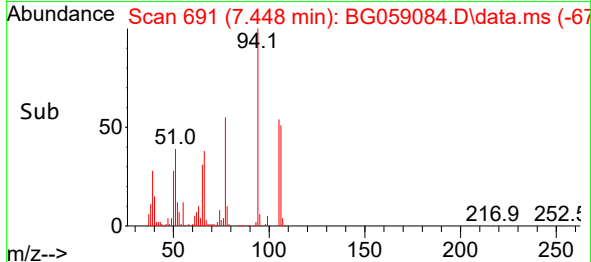
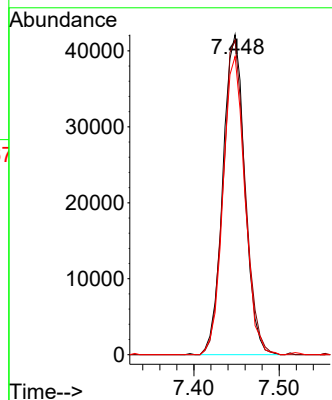
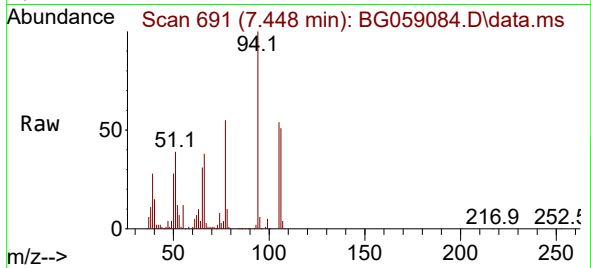




#9  
Benzaldehyde  
Concen: 41.744 ng  
RT: 7.448 min Scan# 691  
Delta R.T. 0.000 min  
Lab File: BG059084.D  
Acq: 18 Sep 2023 12:28

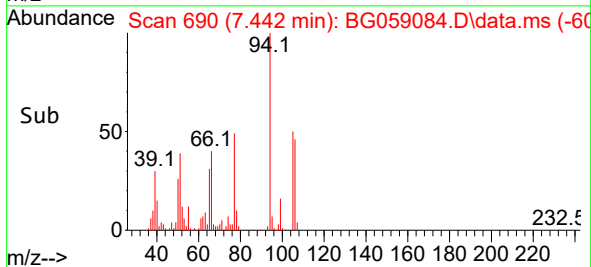
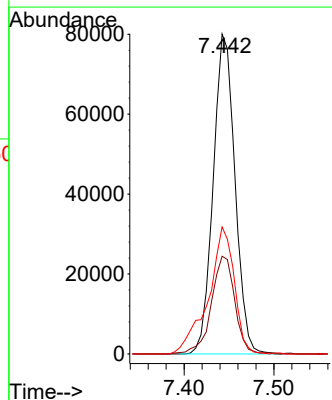
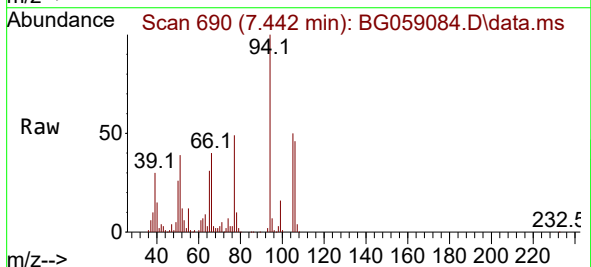
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICCC040

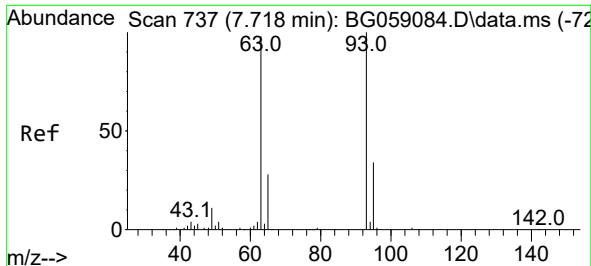
Tgt Ion: 77 Resp: 75065  
Ion Ratio Lower Upper  
77 100  
105 98.3 78.3 118.3  
106 93.2 73.2 113.2



#10  
Phenol  
Concen: 41.520 ng  
RT: 7.442 min Scan# 690  
Delta R.T. 0.000 min  
Lab File: BG059084.D  
Acq: 18 Sep 2023 12:28

Tgt Ion: 94 Resp: 134732  
Ion Ratio Lower Upper  
94 100  
65 30.5 10.5 50.5  
66 39.7 19.7 59.7

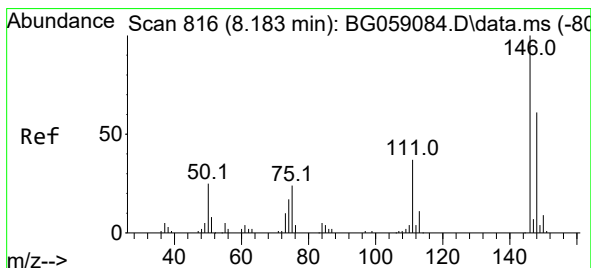
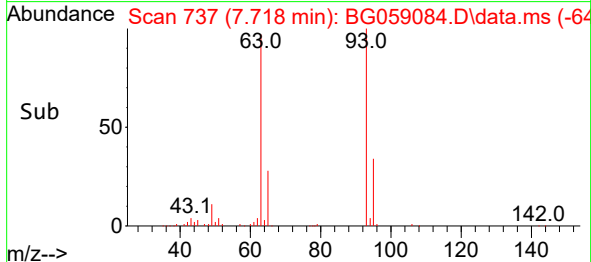
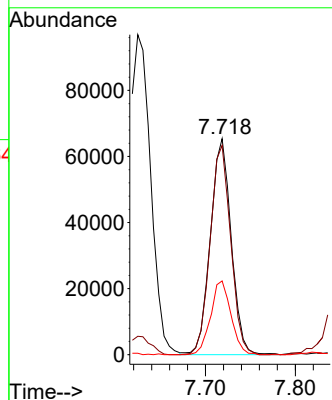
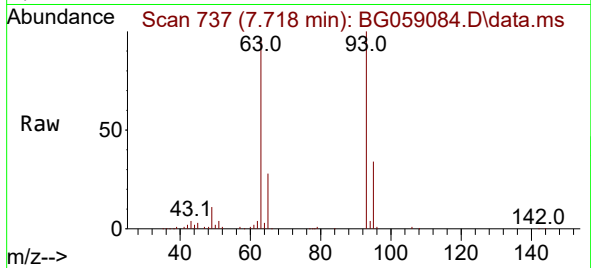




#11  
bis(2-Chloroethyl)ether  
Concen: 40.859 ng  
RT: 7.718 min Scan# 737  
Delta R.T. 0.000 min  
Lab File: BG059084.D  
Acq: 18 Sep 2023 12:28

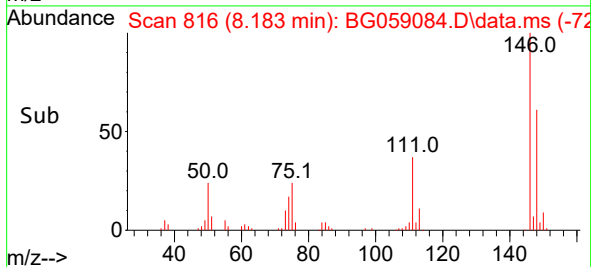
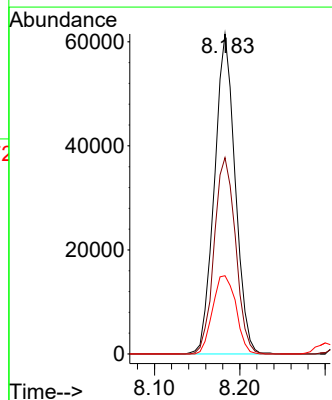
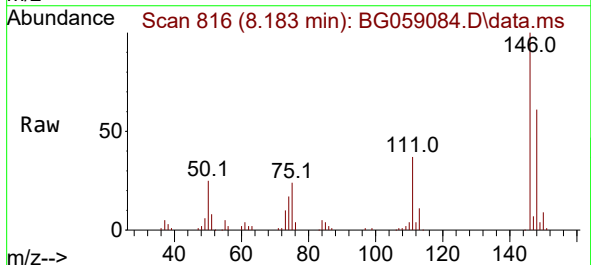
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICCC040

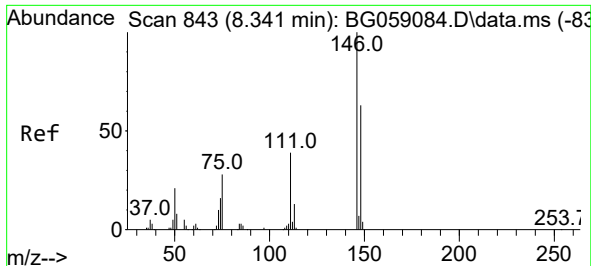
Tgt Ion: 93 Resp: 105219  
Ion Ratio Lower Upper  
93 100  
63 96.9 76.9 116.9  
95 34.2 14.2 54.2



#12  
1,3-Dichlorobenzene  
Concen: 40.373 ng  
RT: 8.183 min Scan# 816  
Delta R.T. 0.000 min  
Lab File: BG059084.D  
Acq: 18 Sep 2023 12:28

Tgt Ion:146 Resp: 104018  
Ion Ratio Lower Upper  
146 100  
148 61.4 49.1 73.7  
75 24.5 19.6 29.4

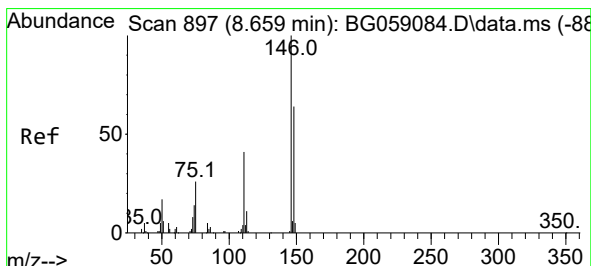
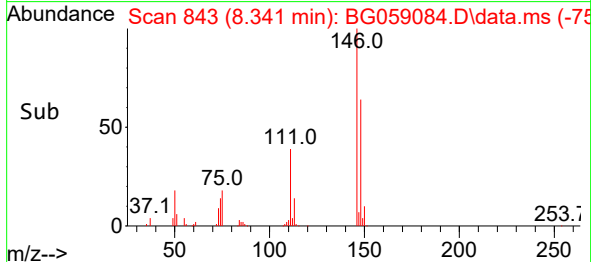
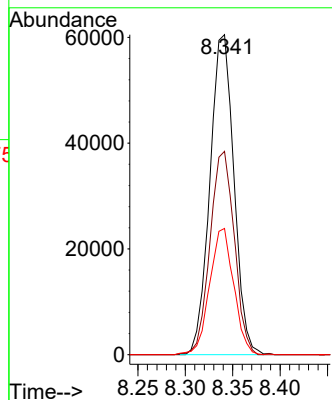
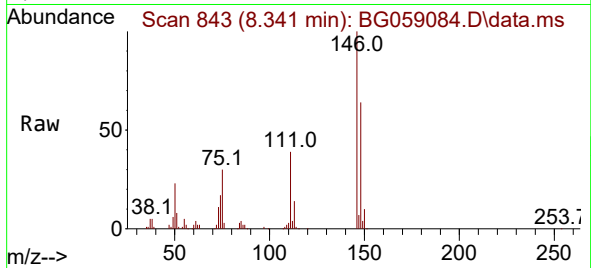




#13  
1,4-Dichlorobenzene  
Concen: 41.311 ng  
RT: 8.341 min Scan# 843  
Delta R.T. 0.000 min  
Lab File: BG059084.D  
Acq: 18 Sep 2023 12:28

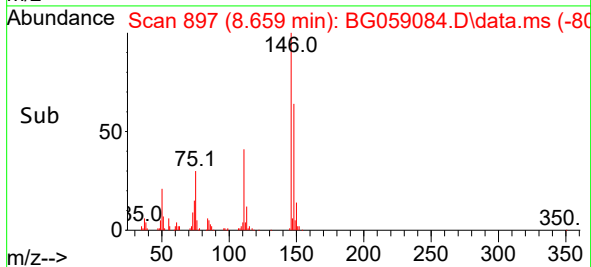
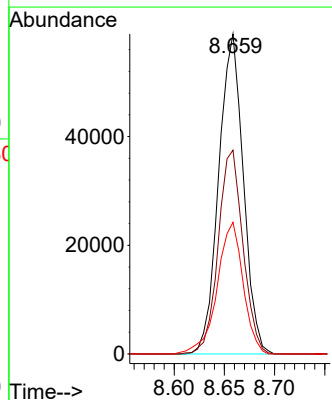
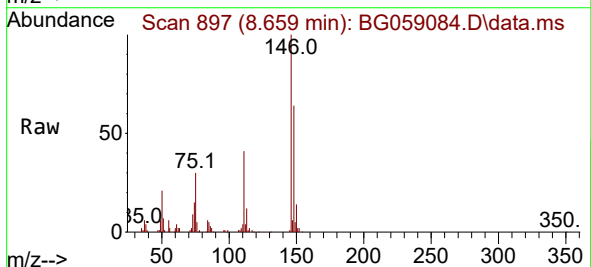
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICCC040

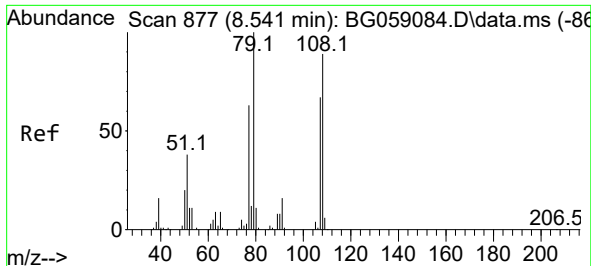
Tgt Ion:146 Resp: 106569  
Ion Ratio Lower Upper  
146 100  
148 63.6 50.9 76.3  
111 39.4 31.5 47.3



#14  
1,2-Dichlorobenzene  
Concen: 39.975 ng  
RT: 8.659 min Scan# 897  
Delta R.T. 0.000 min  
Lab File: BG059084.D  
Acq: 18 Sep 2023 12:28

Tgt Ion:146 Resp: 100283  
Ion Ratio Lower Upper  
146 100  
148 63.7 51.0 76.4  
111 41.1 32.9 49.3

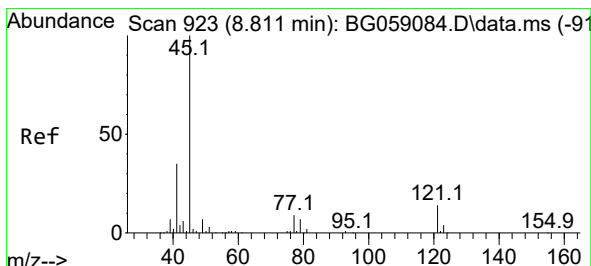
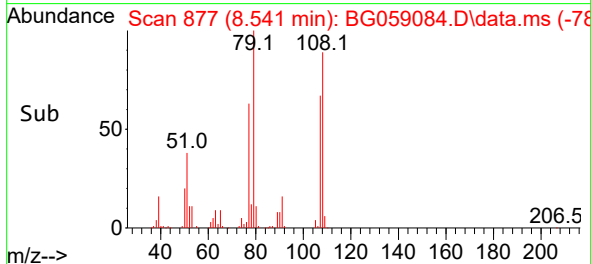
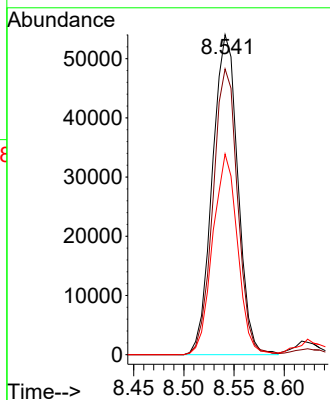
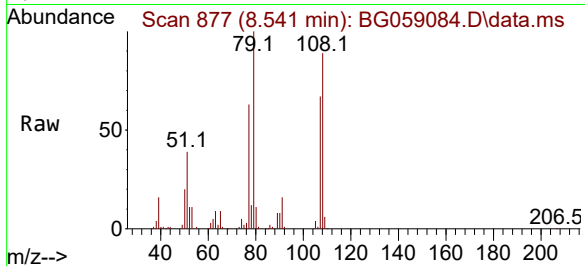




#15  
Benzyl Alcohol  
Concen: 40.212 ng  
RT: 8.541 min Scan# 877  
Delta R.T. 0.000 min  
Lab File: BG059084.D  
Acq: 18 Sep 2023 12:28

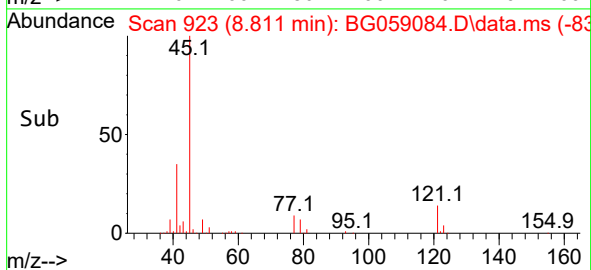
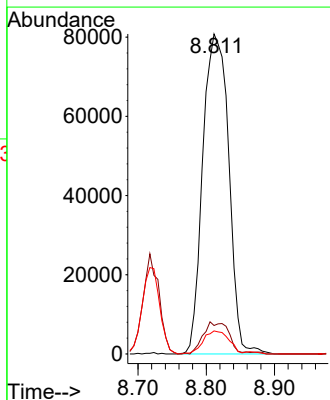
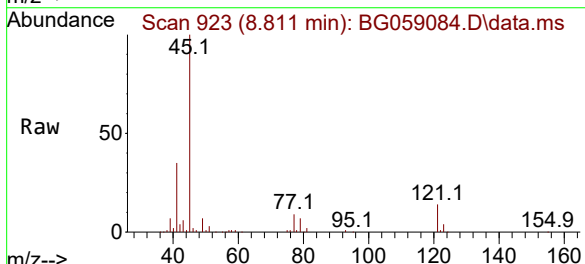
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICCC040

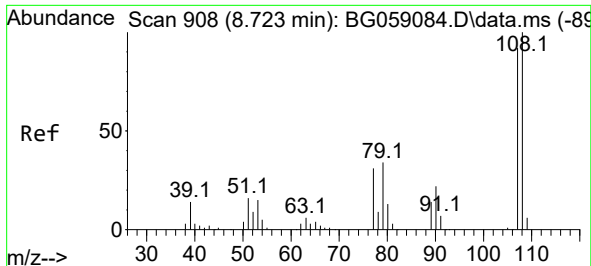
Tgt Ion: 79 Resp: 95476  
Ion Ratio Lower Upper  
79 100  
108 89.3 71.4 107.2  
77 62.7 50.2 75.2



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 41.293 ng  
RT: 8.811 min Scan# 923  
Delta R.T. 0.000 min  
Lab File: BG059084.D  
Acq: 18 Sep 2023 12:28

Tgt Ion: 45 Resp: 213692  
Ion Ratio Lower Upper  
45 100  
77 8.9 0.0 28.9  
79 7.2 0.0 27.2

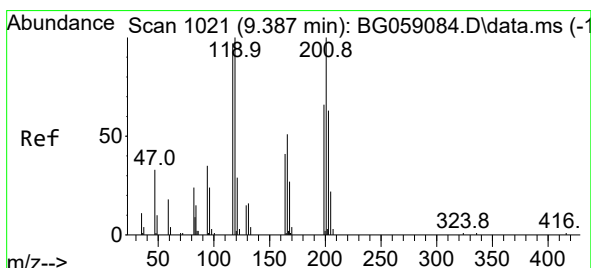
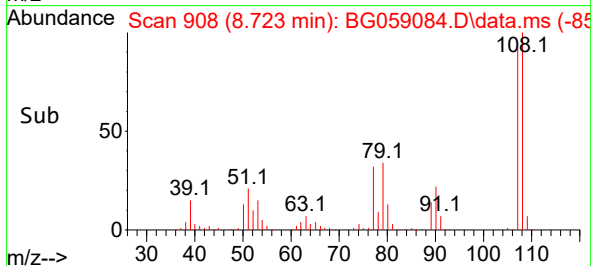
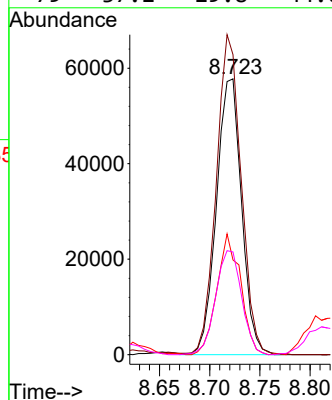
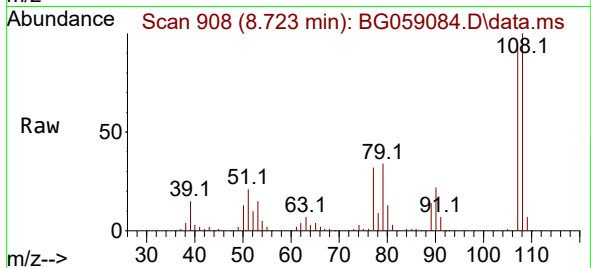




#17  
2-Methylphenol  
Concen: 39.923 ng  
RT: 8.723 min Scan# 908  
Delta R.T. 0.000 min  
Lab File: BG059084.D  
Acq: 18 Sep 2023 12:28

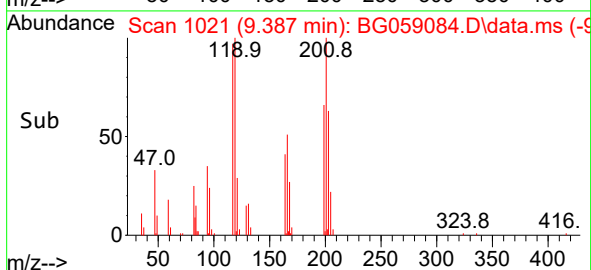
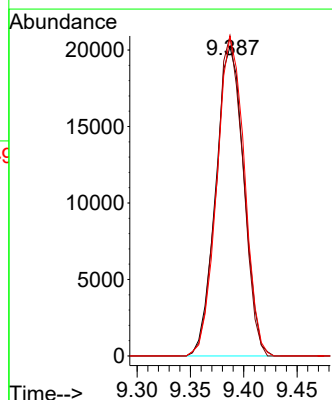
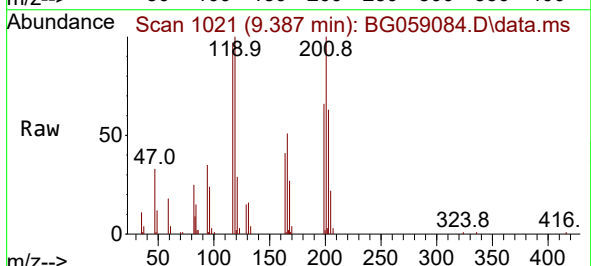
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICCC040

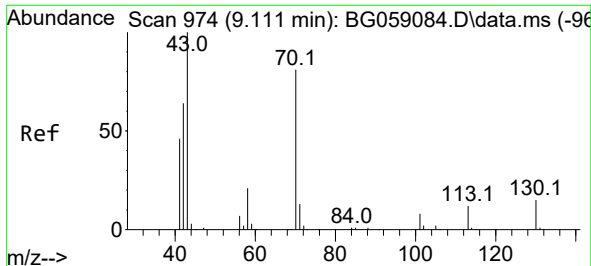
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 100538 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 108.7 | 87.0  | 130.4  |
| 77       | 34.4  | 27.5  | 41.3   |
| 79       | 37.2  | 29.8  | 44.6   |



#18  
Hexachloroethane  
Concen: 41.063 ng  
RT: 9.387 min Scan# 1021  
Delta R.T. 0.000 min  
Lab File: BG059084.D  
Acq: 18 Sep 2023 12:28

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 37207 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 103.5 | 82.8  | 124.2 |
| 201      | 103.4 | 82.7  | 124.1 |

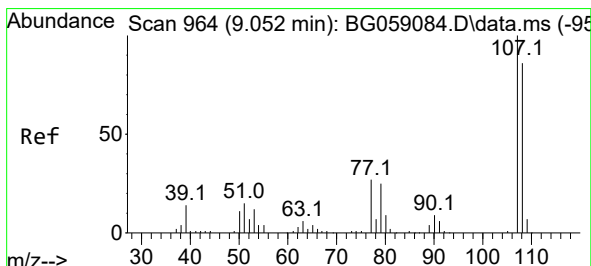
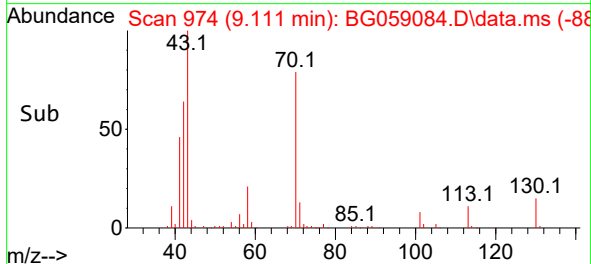
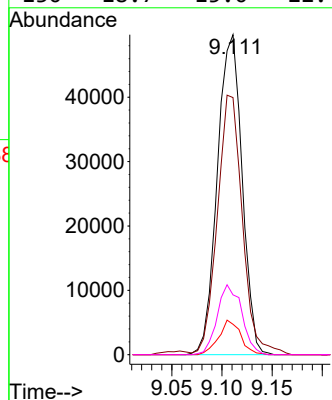
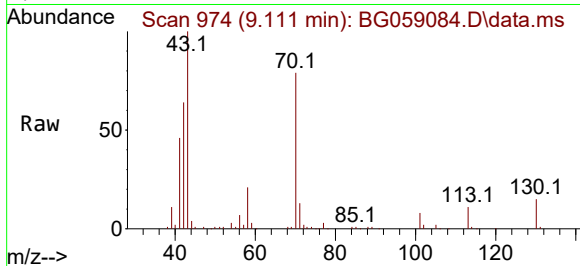




#19  
n-Nitroso-di-n-propylamine  
Concen: 40.050 ng  
RT: 9.111 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: BG059084.D  
Acq: 18 Sep 2023 12:28

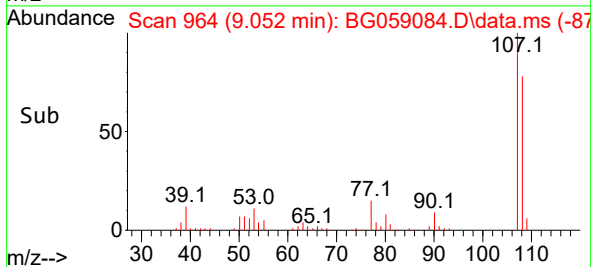
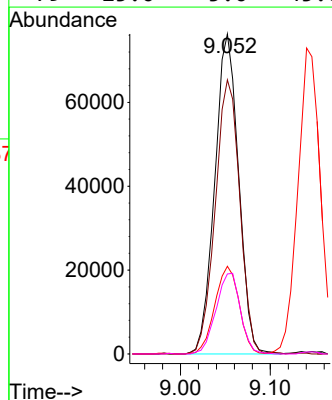
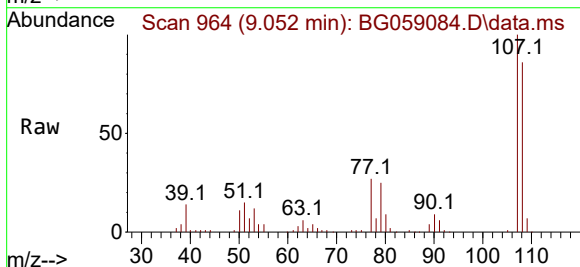
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICCC040

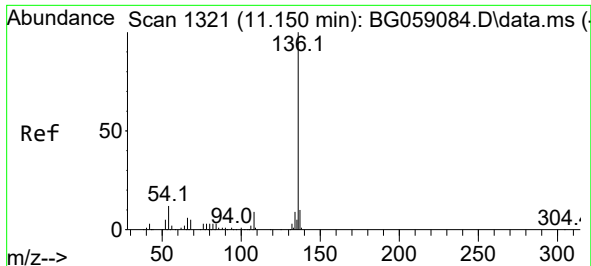
Tgt Ion: 70 Resp: 85117  
Ion Ratio Lower Upper  
70 100  
42 80.3 64.2 96.4  
101 9.5 7.6 11.4  
130 18.7 15.0 22.4



#20  
3+4-Methylphenols  
Concen: 41.228 ng  
RT: 9.052 min Scan# 964  
Delta R.T. 0.000 min  
Lab File: BG059084.D  
Acq: 18 Sep 2023 12:28

Tgt Ion: 107 Resp: 140512  
Ion Ratio Lower Upper  
107 100  
108 85.6 65.6 105.6  
77 27.4 7.4 47.4  
79 25.0 5.0 45.0

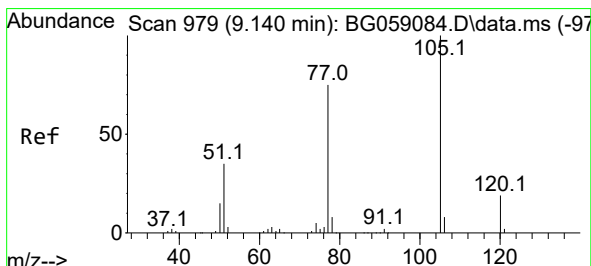
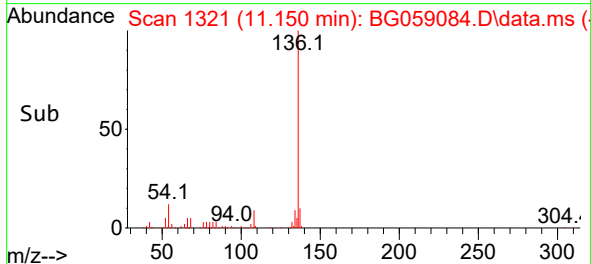
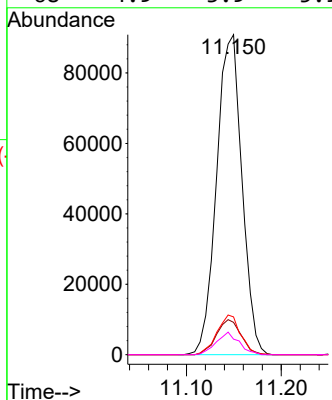
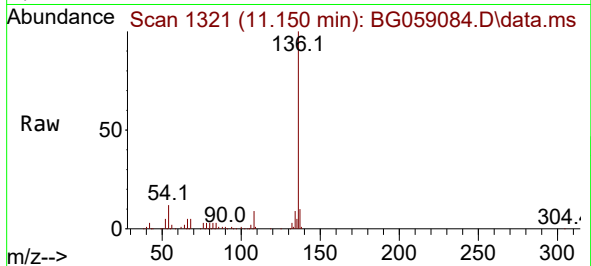




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 11.150 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BG059084.D  
Acq: 18 Sep 2023 12:28

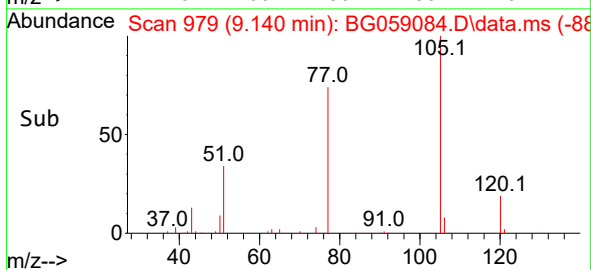
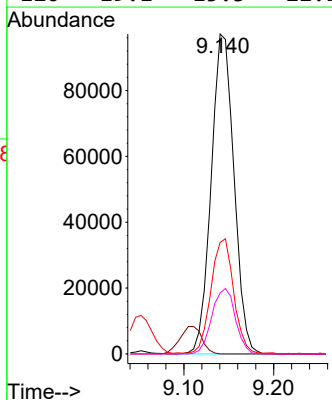
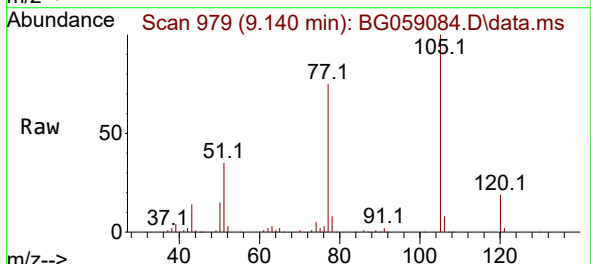
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICCC040

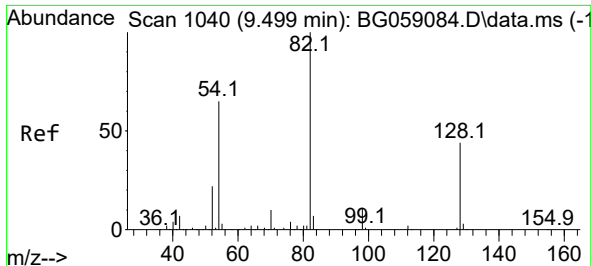
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 136   | Resp: | 168933 |
| Ion Ratio | Lower | Upper |        |
| 136       | 100   |       |        |
| 137       | 10.1  | 8.1   | 12.1   |
| 54        | 11.8  | 9.4   | 14.2   |
| 68        | 4.9   | 3.9   | 5.9    |



#22  
Acetophenone  
Concen: 39.393 ng  
RT: 9.140 min Scan# 979  
Delta R.T. 0.000 min  
Lab File: BG059084.D  
Acq: 18 Sep 2023 12:28

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 105   | Resp: | 171380 |
| Ion Ratio | Lower | Upper |        |
| 105       | 100   |       |        |
| 71        | 0.0   | 0.0   | 0.0    |
| 51        | 34.9  | 27.9  | 41.9   |
| 120       | 19.1  | 15.3  | 22.9   |

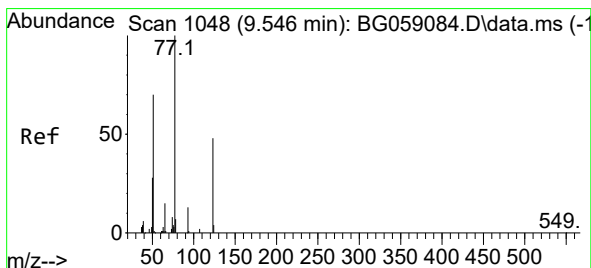
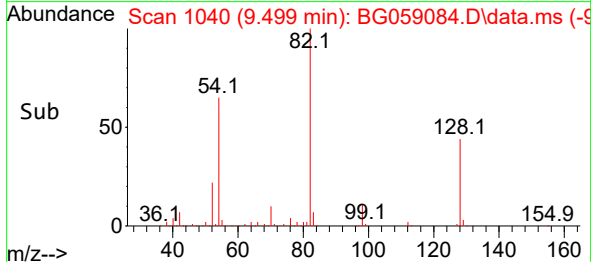
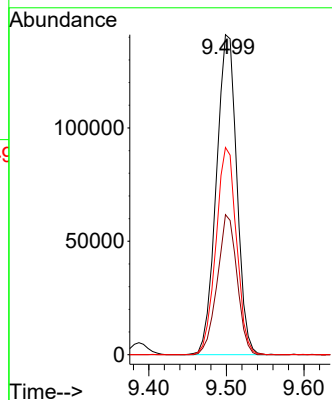
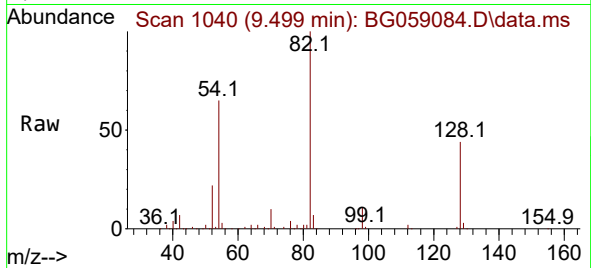




#23  
Nitrobenzene-d5  
Concen: 81.928 ng  
RT: 9.499 min Scan# 1040  
Delta R.T. 0.000 min  
Lab File: BG059084.D  
Acq: 18 Sep 2023 12:28

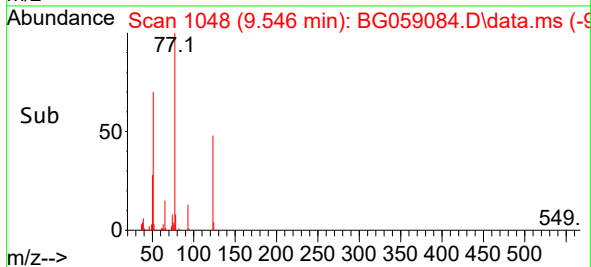
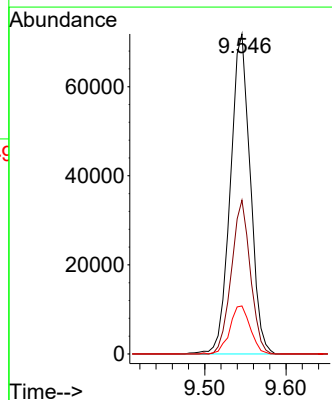
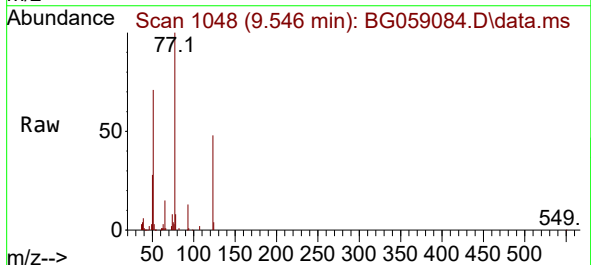
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICCC040

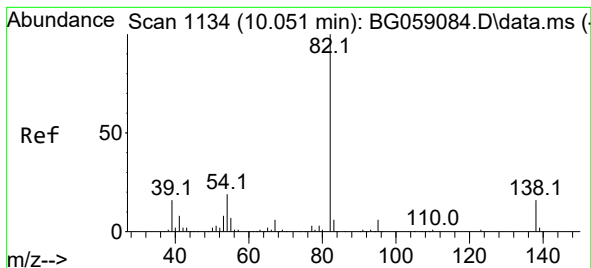
Tgt Ion: 82 Resp: 258785  
Ion Ratio Lower Upper  
82 100  
128 43.8 35.0 52.6  
54 64.7 51.8 77.6



#24  
Nitrobenzene  
Concen: 40.162 ng  
RT: 9.546 min Scan# 1048  
Delta R.T. 0.000 min  
Lab File: BG059084.D  
Acq: 18 Sep 2023 12:28

Tgt Ion: 77 Resp: 121952  
Ion Ratio Lower Upper  
77 100  
123 48.1 38.5 57.7  
65 15.0 12.0 18.0





#25

Isophorone

Concen: 40.653 ng

RT: 10.051 min Scan# 1134

Delta R.T. 0.000 min

Lab File: BG059084.D

Acq: 18 Sep 2023 12:28

Instrument :

BNA\_G

ClientSampleId :

SSTDICCC040

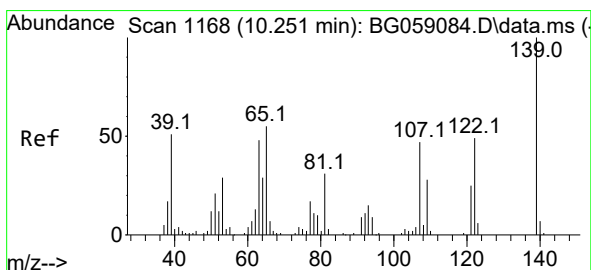
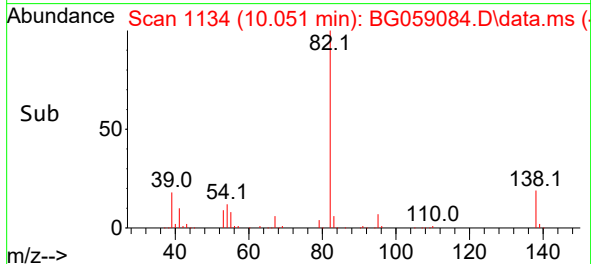
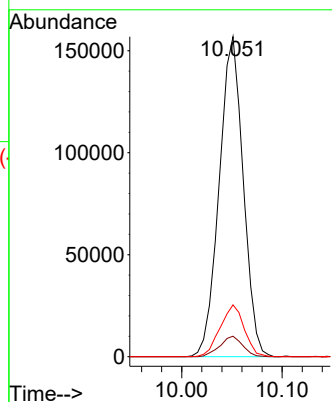
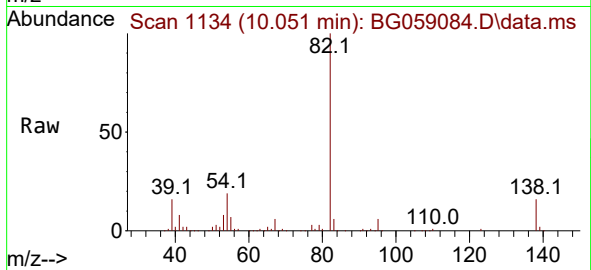
Tgt Ion: 82 Resp: 260356

Ion Ratio Lower Upper

82 100

95 6.4 5.1 7.7

138 16.2 13.0 19.4



#26

2-Nitrophenol

Concen: 40.952 ng

RT: 10.251 min Scan# 1168

Delta R.T. 0.000 min

Lab File: BG059084.D

Acq: 18 Sep 2023 12:28

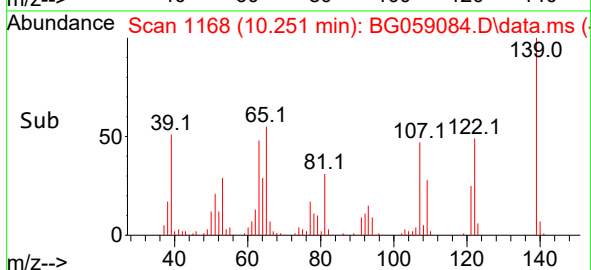
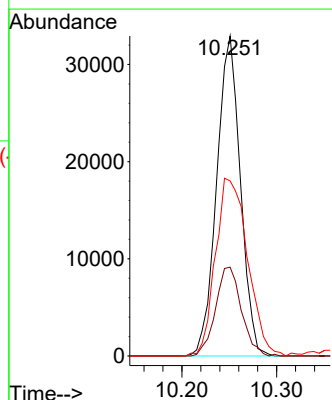
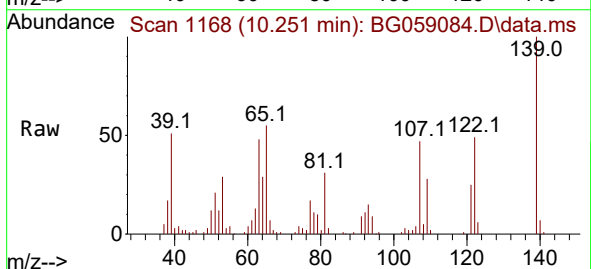
Tgt Ion:139 Resp: 57341

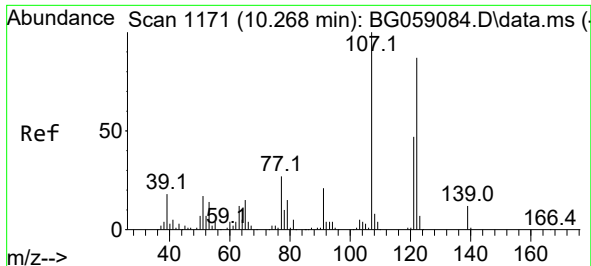
Ion Ratio Lower Upper

139 100

109 27.8 22.2 33.4

65 54.7 43.8 65.6





#27

2,4-Dimethylphenol

Concen: 40.680 ng

RT: 10.268 min Scan# 1171

Delta R.T. 0.000 min

Lab File: BG059084.D

Acq: 18 Sep 2023 12:28

Instrument :

BNA\_G

ClientSampleId :

SSTDICCC040

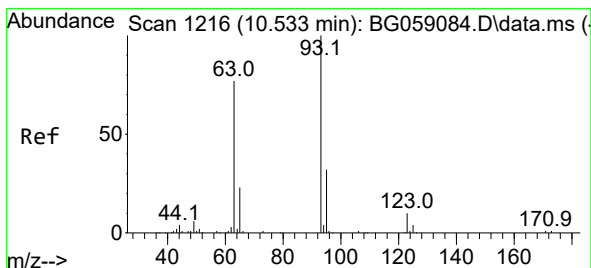
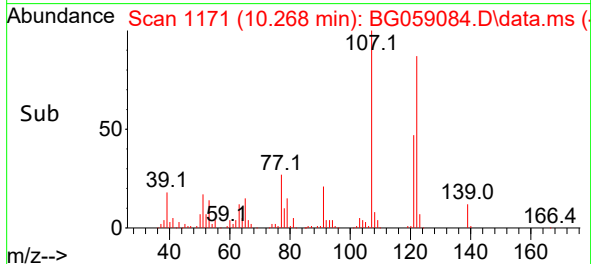
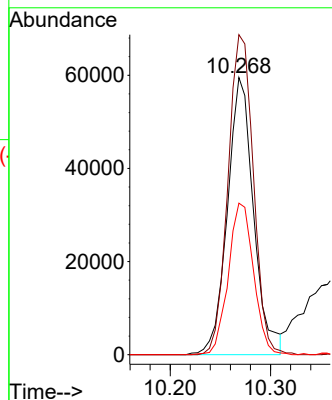
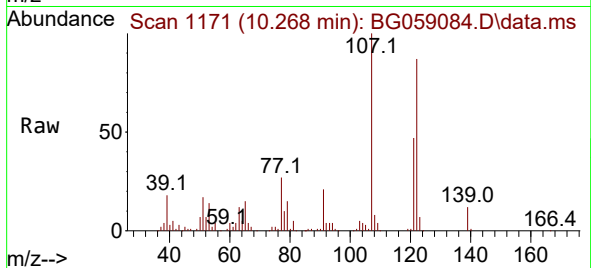
Tgt Ion:122 Resp: 108093

Ion Ratio Lower Upper

122 100

107 115.5 92.4 138.6

121 54.7 43.8 65.6



#28

bis(2-Chloroethoxy)methane

Concen: 39.792 ng

RT: 10.533 min Scan# 1216

Delta R.T. 0.000 min

Lab File: BG059084.D

Acq: 18 Sep 2023 12:28

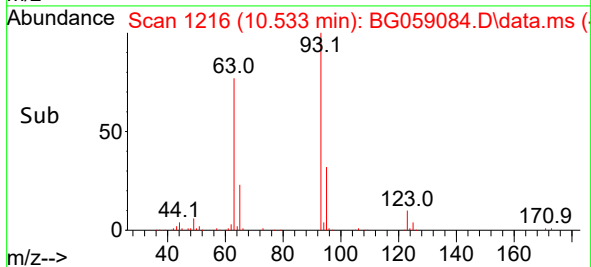
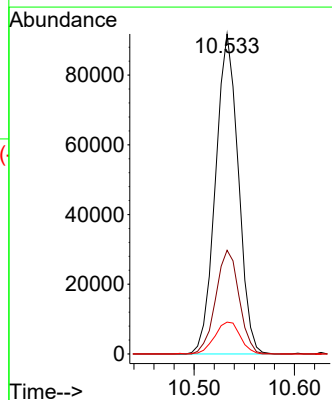
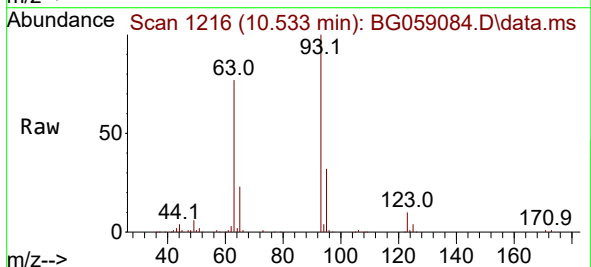
Tgt Ion: 93 Resp: 144601

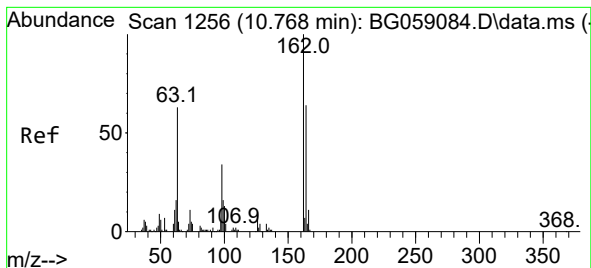
Ion Ratio Lower Upper

93 100

95 32.4 25.9 38.9

123 10.0 8.0 12.0





#29

2,4-Dichlorophenol

Concen: 40.920 ng

RT: 10.768 min Scan# 1256

Delta R.T. 0.000 min

Lab File: BG059084.D

Acq: 18 Sep 2023 12:28

Instrument :

BNA\_G

ClientSampleId :

SSTDICCC040

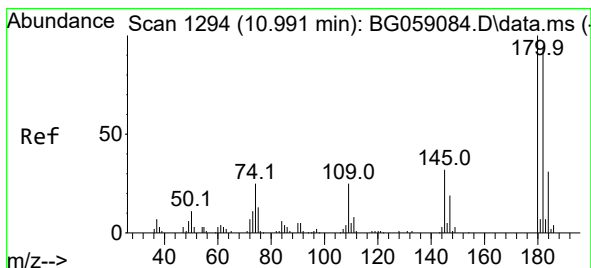
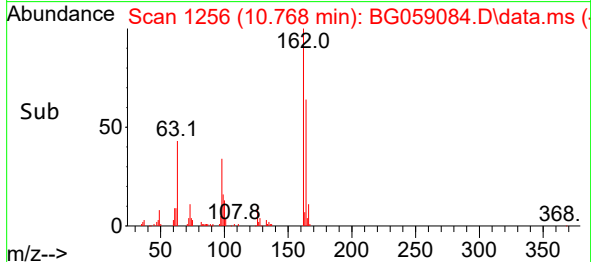
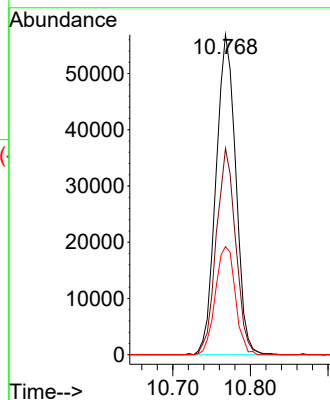
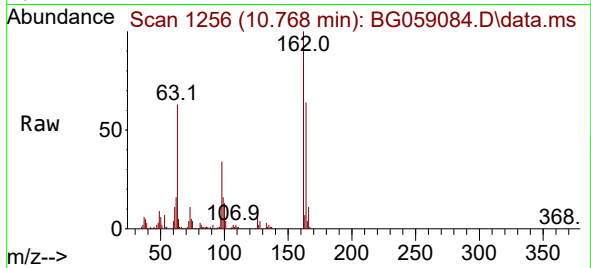
Tgt Ion:162 Resp: 101049

Ion Ratio Lower Upper

162 100

164 64.5 44.5 84.5

98 33.8 13.8 53.8



#30

1,2,4-Trichlorobenzene

Concen: 40.649 ng

RT: 10.991 min Scan# 1294

Delta R.T. 0.000 min

Lab File: BG059084.D

Acq: 18 Sep 2023 12:28

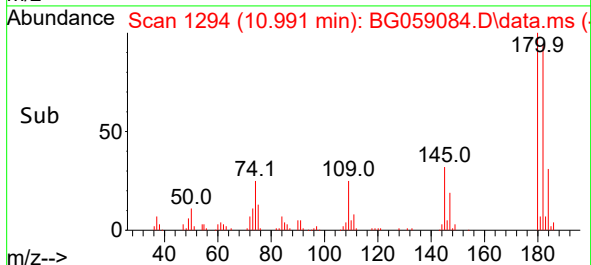
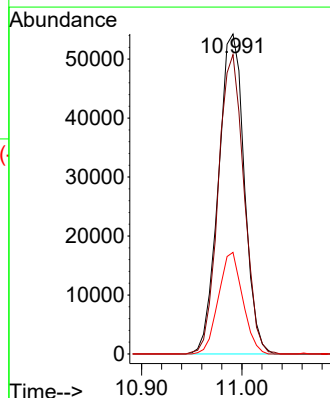
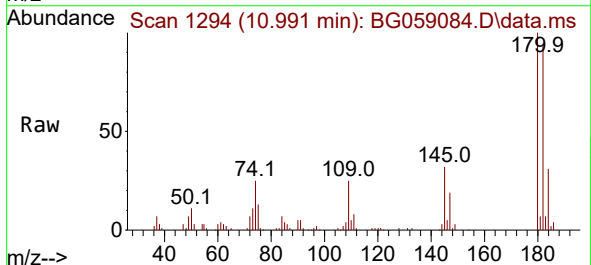
Tgt Ion:180 Resp: 97029

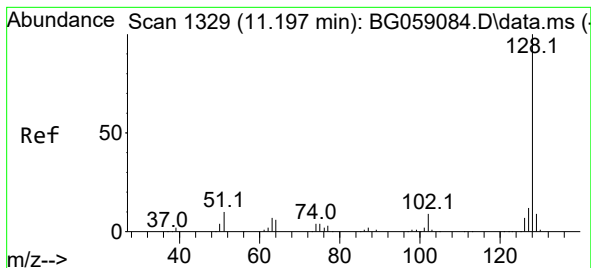
Ion Ratio Lower Upper

180 100

182 93.6 74.9 112.3

145 31.7 25.4 38.0





#31

Naphthalene

Concen: 40.354 ng

RT: 11.197 min Scan# 11

Delta R.T. 0.000 min

Lab File: BG059084.D

Acq: 18 Sep 2023 12:28

Instrument :

BNA\_G

ClientSampleId :

SSTDICCC040

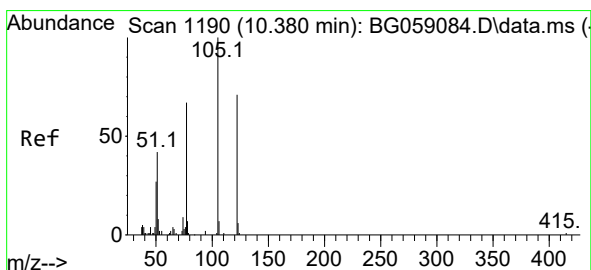
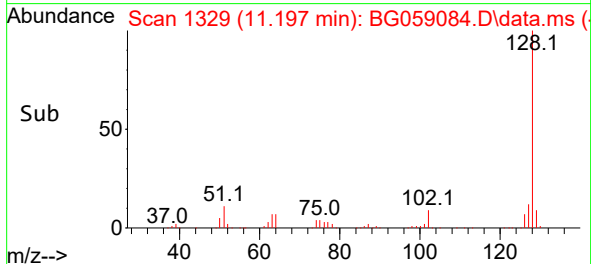
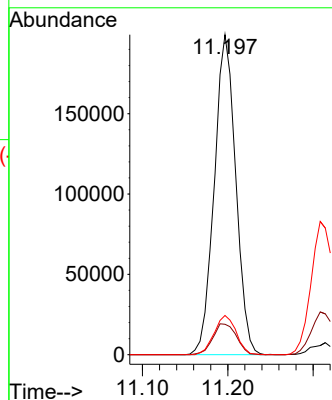
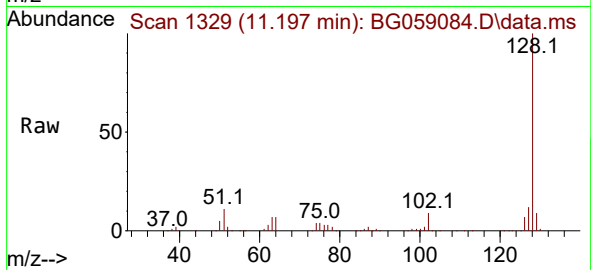
Tgt Ion:128 Resp: 348517

Ion Ratio Lower Upper

128 100

129 9.5 7.6 11.4

127 12.3 9.8 14.8



#32

Benzoic acid

Concen: 40.269 ng

RT: 10.380 min Scan# 1190

Delta R.T. 0.000 min

Lab File: BG059084.D

Acq: 18 Sep 2023 12:28

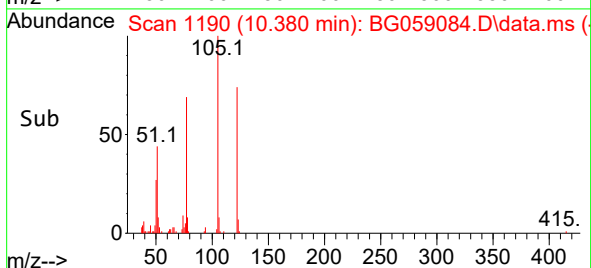
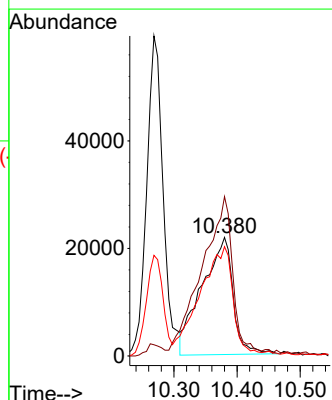
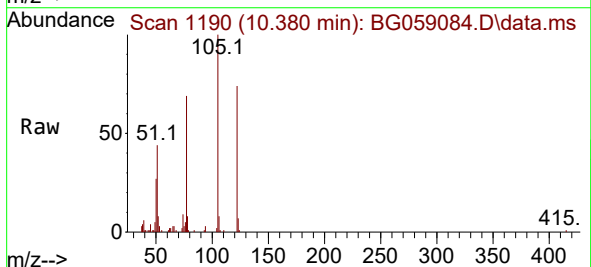
Tgt Ion:122 Resp: 74545

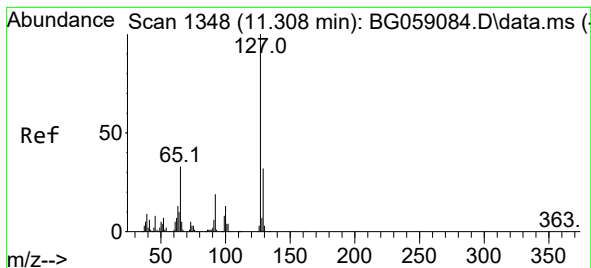
Ion Ratio Lower Upper

122 100

105 134.5 114.5 154.5

77 92.2 72.2 112.2

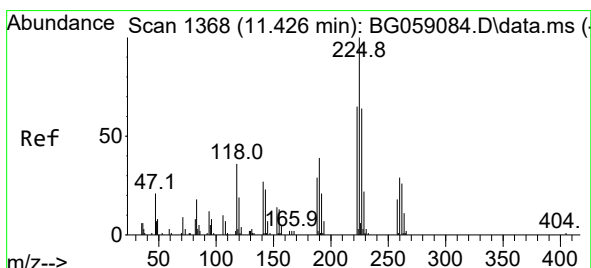
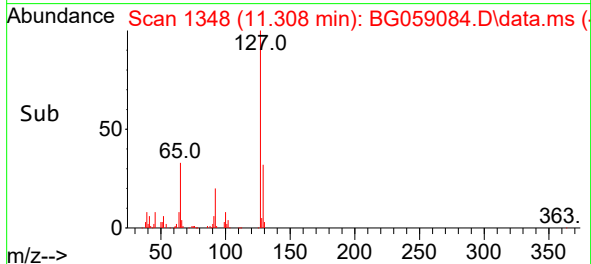
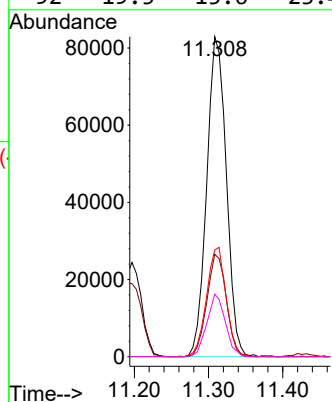
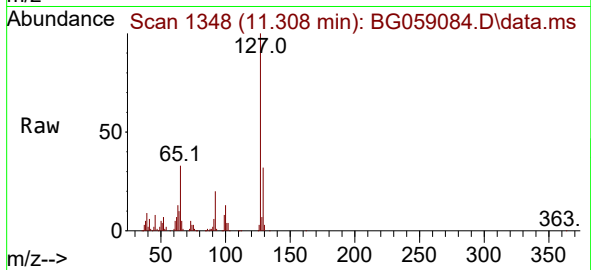




#33  
4-Chloroaniline  
Concen: 39.343 ng  
RT: 11.308 min Scan# 1348  
Delta R.T. 0.000 min  
Lab File: BG059084.D  
Acq: 18 Sep 2023 12:28

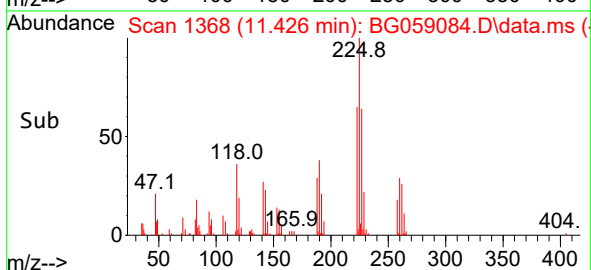
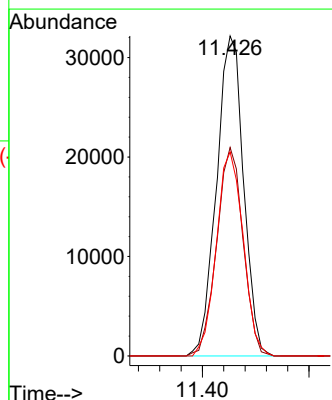
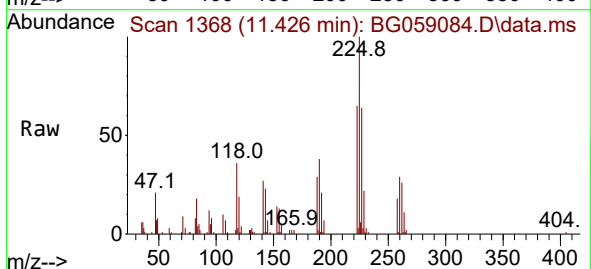
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICCC040

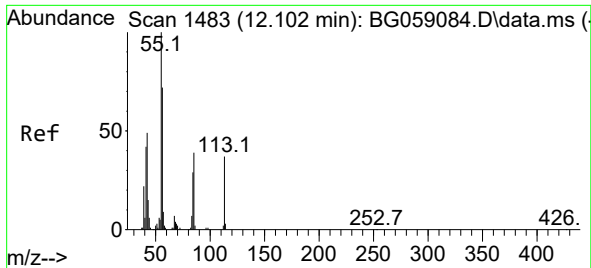
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 127   | Resp: | 152363 |
| Ion Ratio | Lower | Upper |        |
| 127       | 100   |       |        |
| 129       | 32.0  | 25.6  | 38.4   |
| 65        | 33.4  | 26.7  | 40.1   |
| 92        | 19.5  | 15.6  | 23.4   |



#34  
Hexachlorobutadiene  
Concen: 39.229 ng  
RT: 11.426 min Scan# 1368  
Delta R.T. 0.000 min  
Lab File: BG059084.D  
Acq: 18 Sep 2023 12:28

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 225   | Resp: | 56675 |
| Ion Ratio | Lower | Upper |       |
| 225       | 100   |       |       |
| 223       | 68.2  | 54.6  | 81.8  |
| 227       | 63.7  | 51.0  | 76.4  |

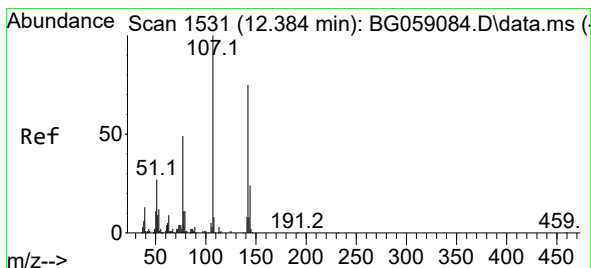
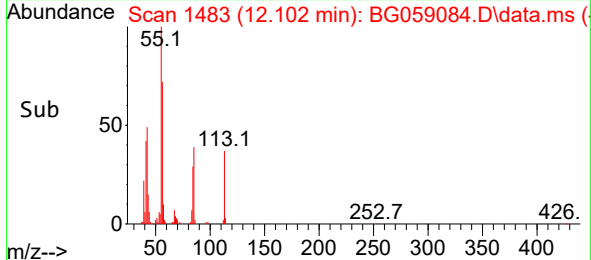
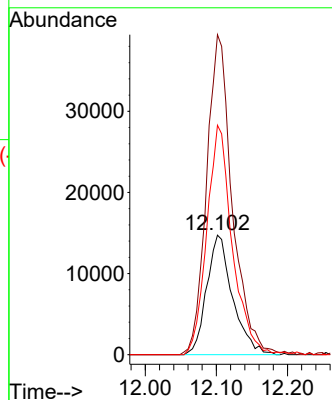
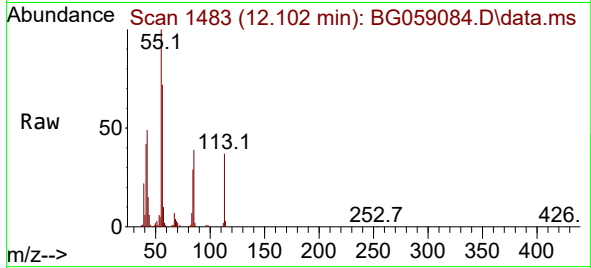




#35  
Caprolactam  
Concen: 38.492 ng  
RT: 12.102 min Scan# 1483  
Delta R.T. 0.000 min  
Lab File: BG059084.D  
Acq: 18 Sep 2023 12:28

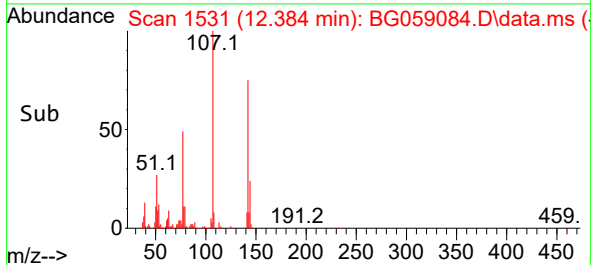
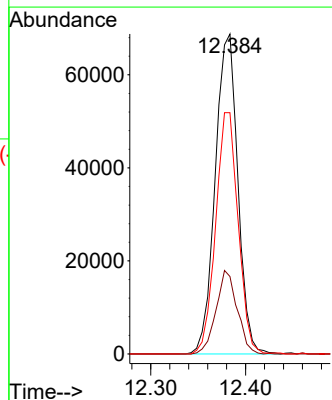
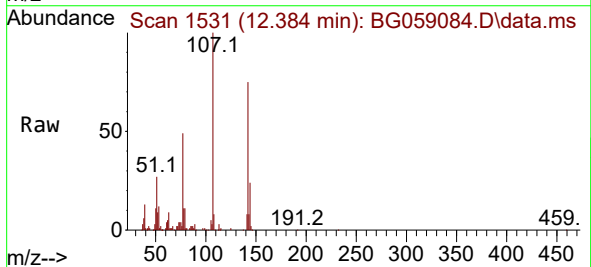
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICCC040

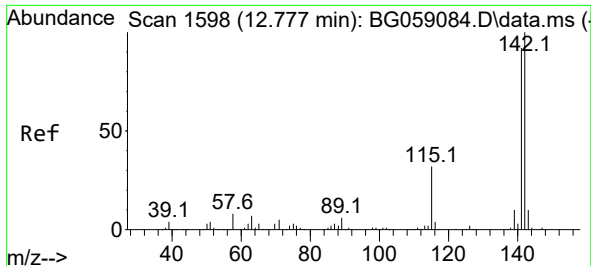
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 55      | 267.7 | 247.7 | 287.7 |
| 56      | 191.9 | 171.9 | 211.9 |



#36  
4-Chloro-3-methylphenol  
Concen: 39.671 ng  
RT: 12.384 min Scan# 1531  
Delta R.T. 0.000 min  
Lab File: BG059084.D  
Acq: 18 Sep 2023 12:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 144     | 24.2  | 19.4  | 29.0  |
| 142     | 75.4  | 60.3  | 90.5  |





#37

2-Methylnaphthalene

Concen: 39.693 ng

RT: 12.777 min Scan# 1

Delta R.T. 0.000 min

Lab File: BG059084.D

Acq: 18 Sep 2023 12:28

Instrument :

BNA\_G

ClientSampleId :

SSTDICCC040

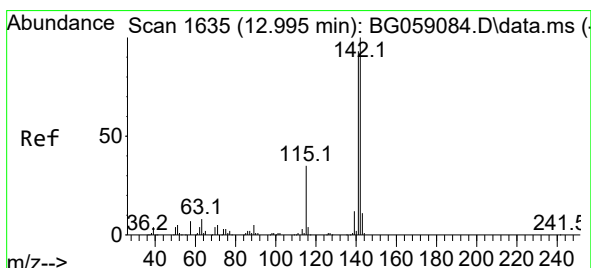
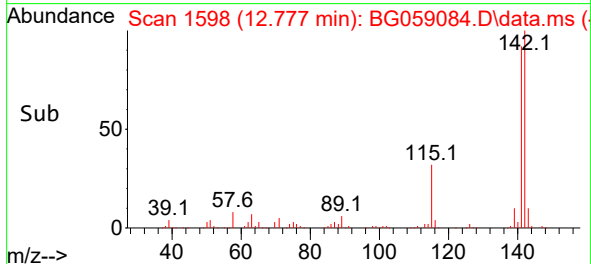
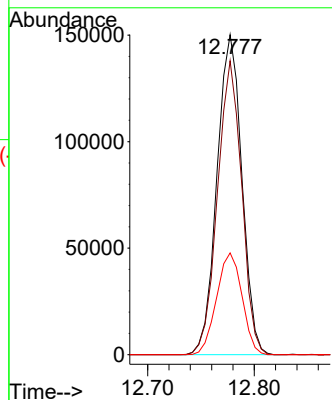
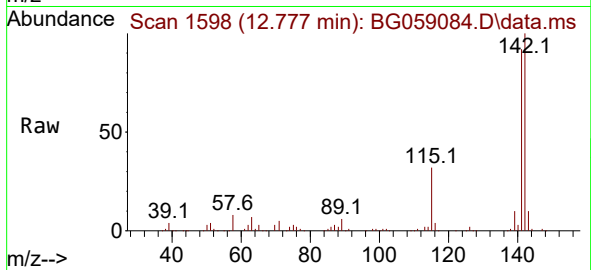
Tgt Ion:142 Resp: 243361

Ion Ratio Lower Upper

142 100

141 91.9 73.5 110.3

115 31.8 25.4 38.2



#38

1-Methylnaphthalene

Concen: 39.177 ng

RT: 12.995 min Scan# 1635

Delta R.T. 0.000 min

Lab File: BG059084.D

Acq: 18 Sep 2023 12:28

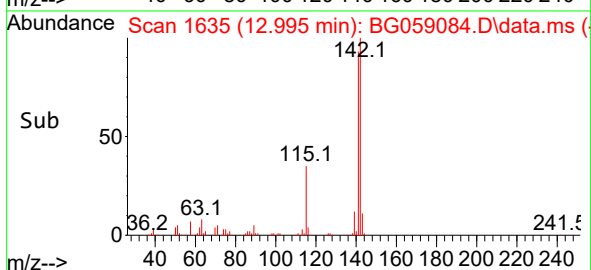
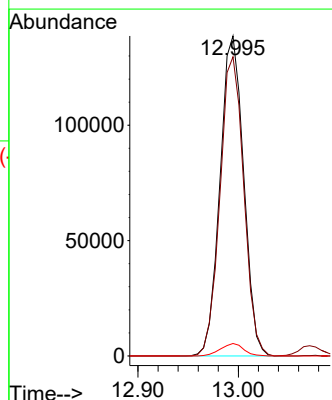
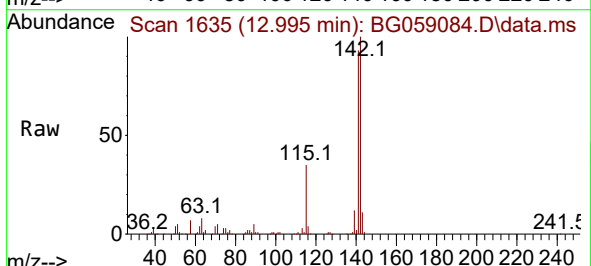
Tgt Ion:142 Resp: 226248

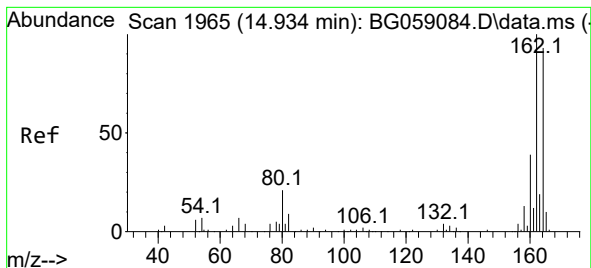
Ion Ratio Lower Upper

142 100

141 93.5 74.8 112.2

116 3.9 3.1 4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.934 min Scan# 1965

Delta R.T. 0.000 min

Lab File: BG059084.D

Acq: 18 Sep 2023 12:28

Instrument :

BNA\_G

ClientSampleId :

SSTDICCC040

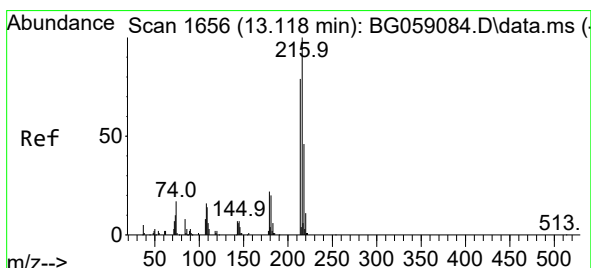
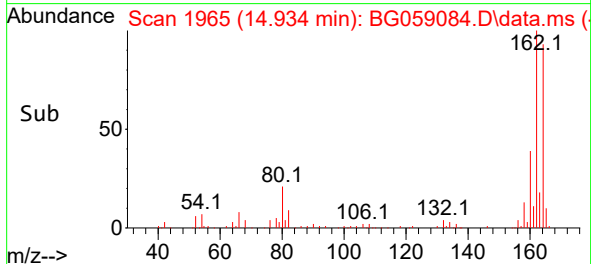
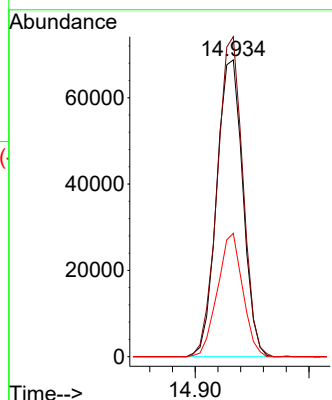
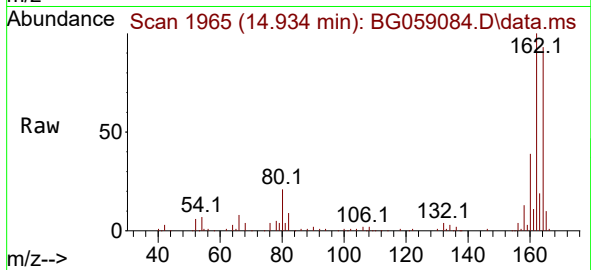
Tgt Ion:164 Resp: 109870

Ion Ratio Lower Upper

164 100

162 107.8 86.2 129.4

160 41.6 33.3 49.9



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.425 ng

RT: 13.118 min Scan# 1656

Delta R.T. 0.000 min

Lab File: BG059084.D

Acq: 18 Sep 2023 12:28

Tgt Ion:216 Resp: 108689

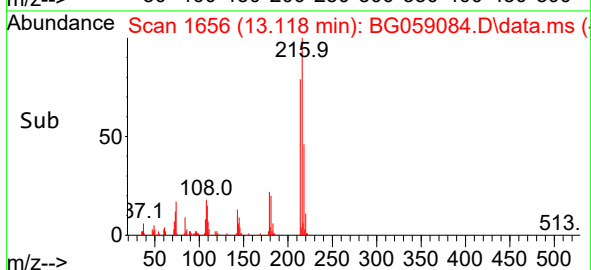
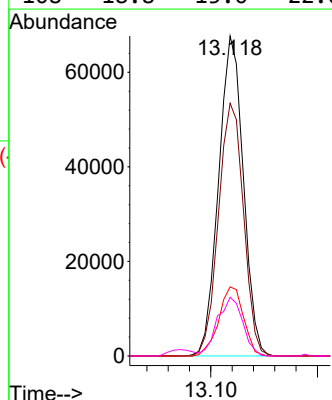
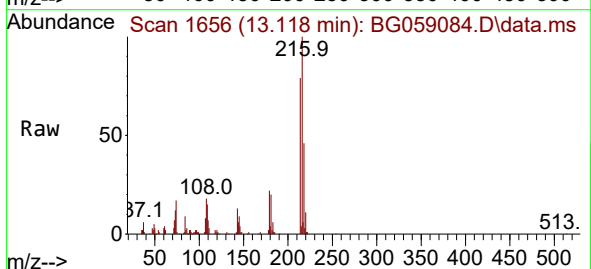
Ion Ratio Lower Upper

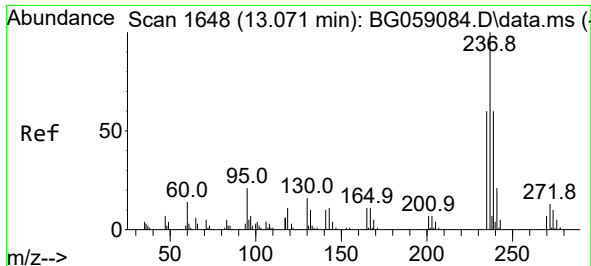
216 100

214 80.0 64.0 96.0

179 21.7 17.4 26.0

108 18.8 15.0 22.6

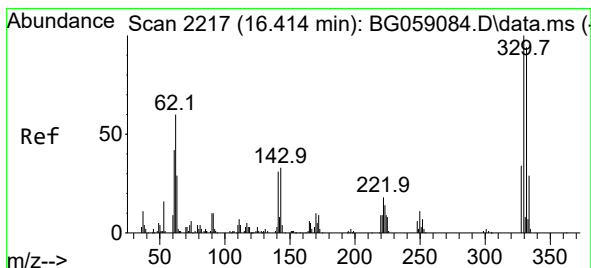
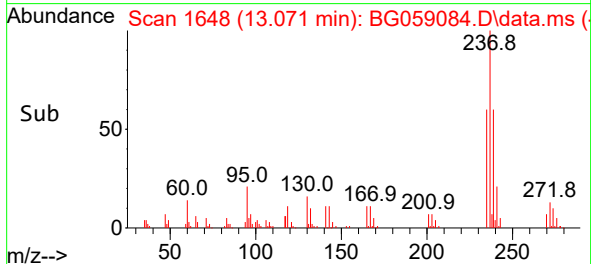
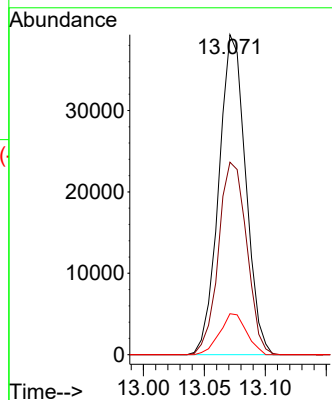
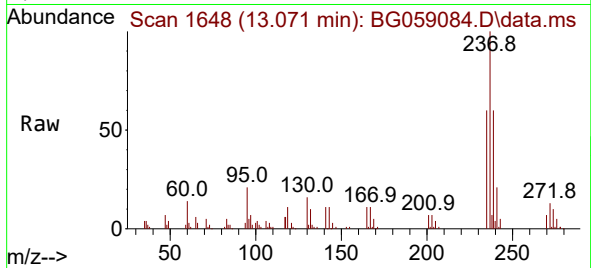




#41  
Hexachlorocyclopentadiene  
Concen: 40.046 ng  
RT: 13.071 min Scan# 1  
Delta R.T. 0.000 min  
Lab File: BG059084.D  
Acq: 18 Sep 2023 12:28

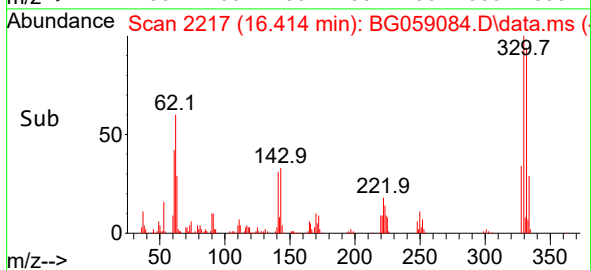
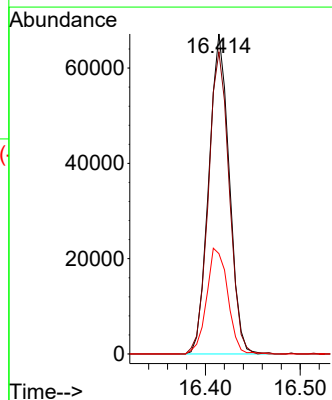
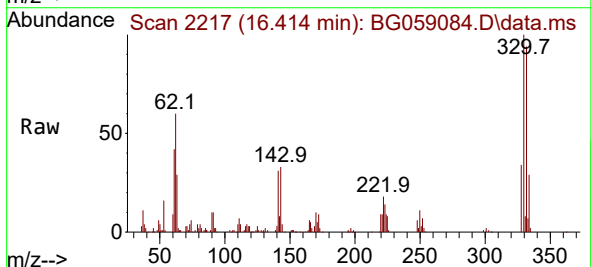
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICCC040

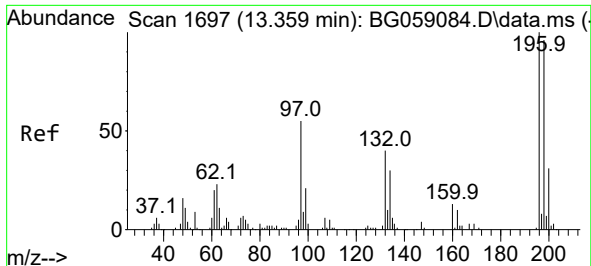
Tgt Ion:237 Resp: 60269  
Ion Ratio Lower Upper  
237 100  
235 60.2 40.2 80.2  
272 12.8 0.0 32.8



#42  
2,4,6-Tribromophenol  
Concen: 79.474 ng  
RT: 16.414 min Scan# 2217  
Delta R.T. 0.000 min  
Lab File: BG059084.D  
Acq: 18 Sep 2023 12:28

Tgt Ion:330 Resp: 100450  
Ion Ratio Lower Upper  
330 100  
332 95.9 76.7 115.1  
141 34.1 27.3 40.9

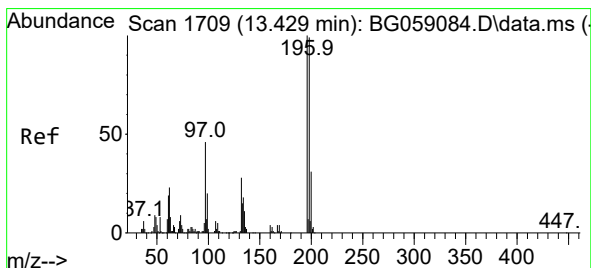
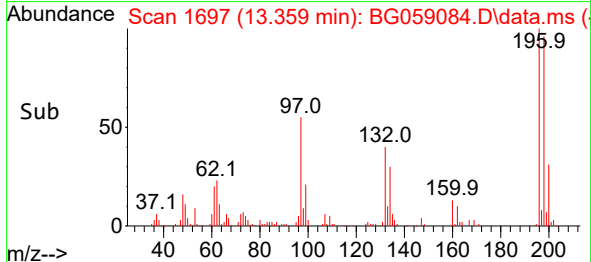
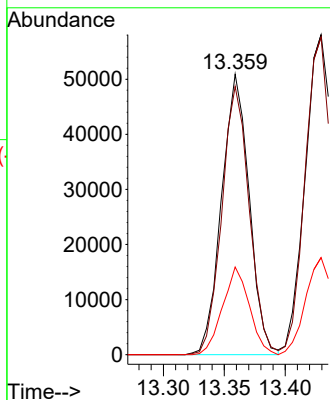
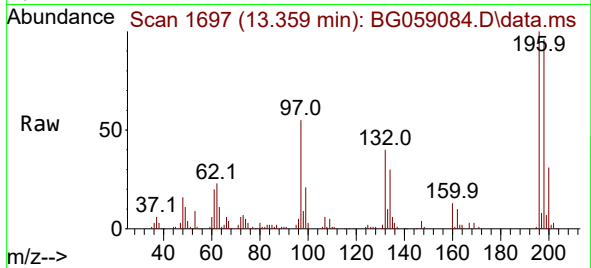




#43  
2,4,6-Trichlorophenol  
Concen: 39.855 ng  
RT: 13.359 min Scan# 1  
Delta R.T. 0.000 min  
Lab File: BG059084.D  
Acq: 18 Sep 2023 12:28

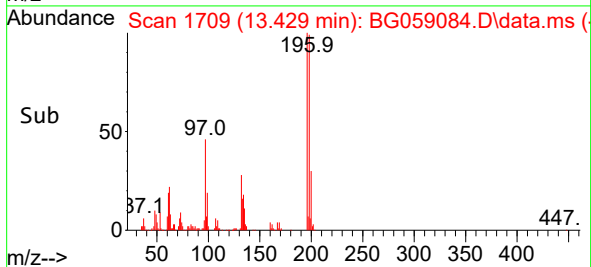
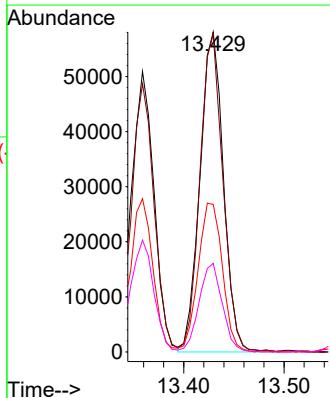
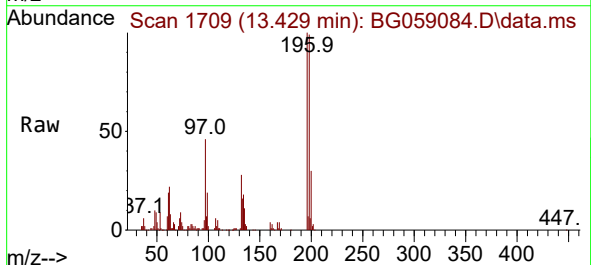
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICCC040

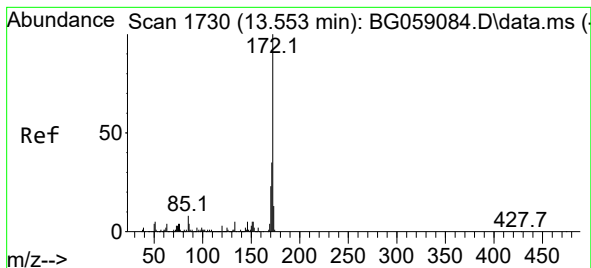
Tgt Ion:196 Resp: 80360  
Ion Ratio Lower Upper  
196 100  
198 95.6 76.5 114.7  
200 31.3 25.0 37.6



#44  
2,4,5-Trichlorophenol  
Concen: 39.469 ng  
RT: 13.429 min Scan# 1709  
Delta R.T. 0.000 min  
Lab File: BG059084.D  
Acq: 18 Sep 2023 12:28

Tgt Ion:196 Resp: 94460  
Ion Ratio Lower Upper  
196 100  
198 99.3 79.4 119.2  
97 46.1 36.9 55.3  
132 27.7 22.2 33.2

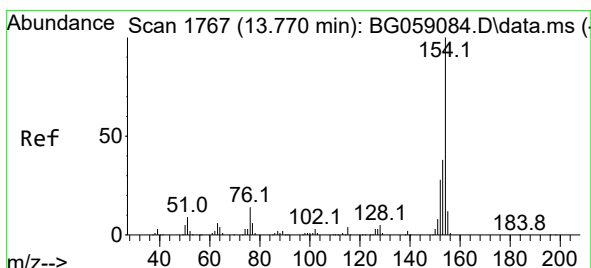
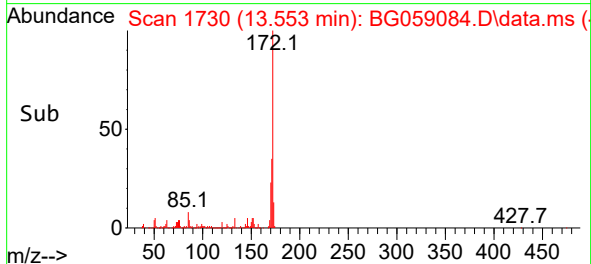
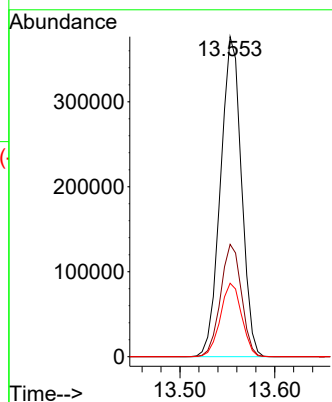
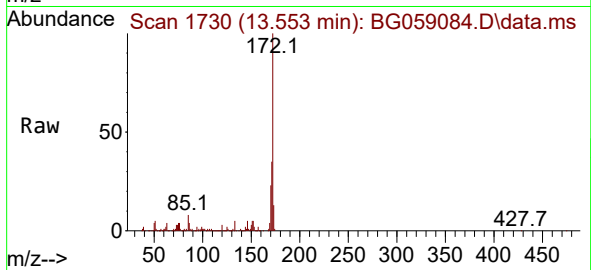




#45  
2-Fluorobiphenyl  
Concen: 78.540 ng  
RT: 13.553 min Scan# 1730  
Delta R.T. 0.000 min  
Lab File: BG059084.D  
Acq: 18 Sep 2023 12:28

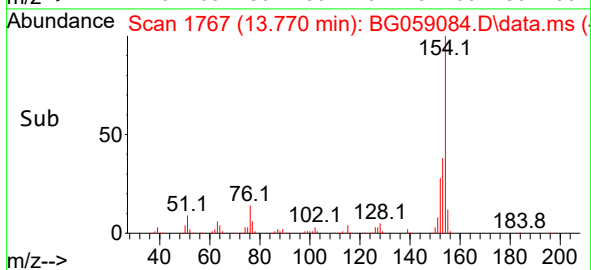
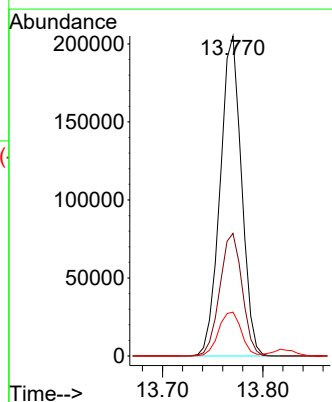
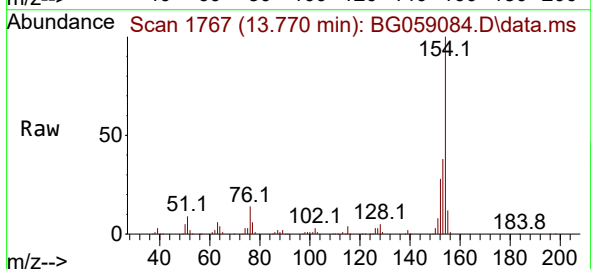
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICCC040

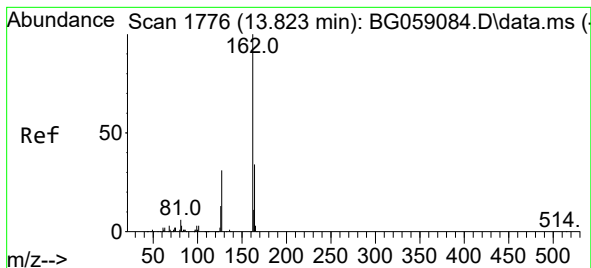
Tgt Ion:172 Resp: 577922  
Ion Ratio Lower Upper  
172 100  
171 35.1 28.1 42.1  
170 23.0 18.4 27.6



#46  
1,1'-Biphenyl  
Concen: 38.980 ng  
RT: 13.770 min Scan# 1767  
Delta R.T. 0.000 min  
Lab File: BG059084.D  
Acq: 18 Sep 2023 12:28

Tgt Ion:154 Resp: 302704  
Ion Ratio Lower Upper  
154 100  
153 38.3 18.3 58.3  
76 13.7 0.0 33.7





#47

2-Chloronaphthalene

Concen: 40.068 ng

RT: 13.823 min Scan# 1776

Delta R.T. 0.000 min

Lab File: BG059084.D

Acq: 18 Sep 2023 12:28

Instrument :

BNA\_G

ClientSampleId :

SSTDICCC040

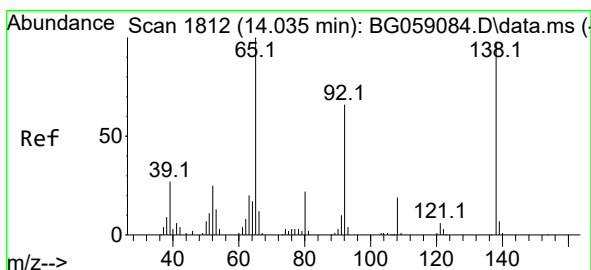
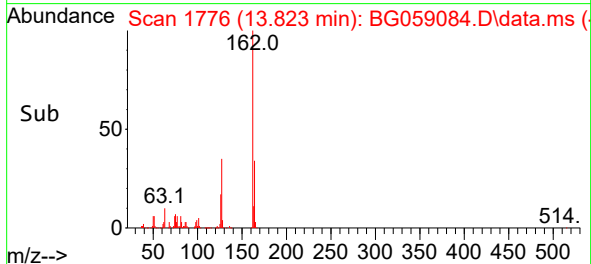
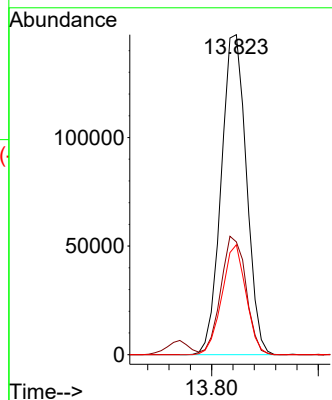
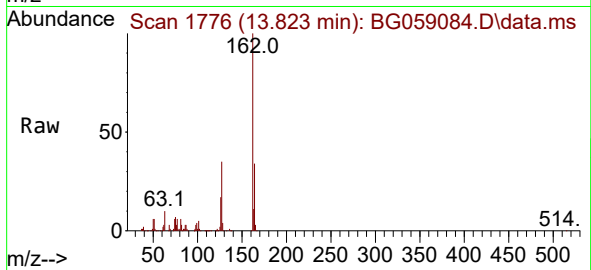
Tgt Ion:162 Resp: 241860

Ion Ratio Lower Upper

162 100

127 35.2 28.2 42.2

164 34.4 27.5 41.3



#48

2-Nitroaniline

Concen: 40.209 ng

RT: 14.035 min Scan# 1812

Delta R.T. 0.000 min

Lab File: BG059084.D

Acq: 18 Sep 2023 12:28

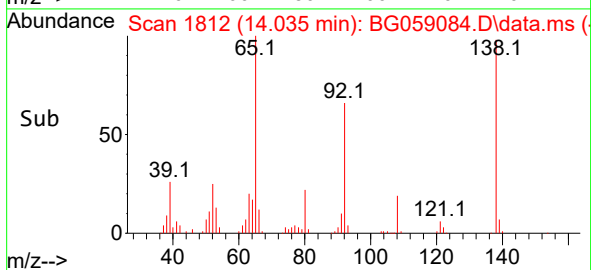
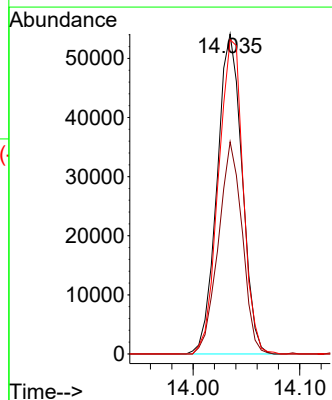
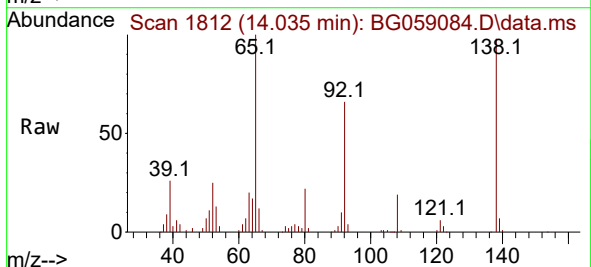
Tgt Ion: 65 Resp: 88140

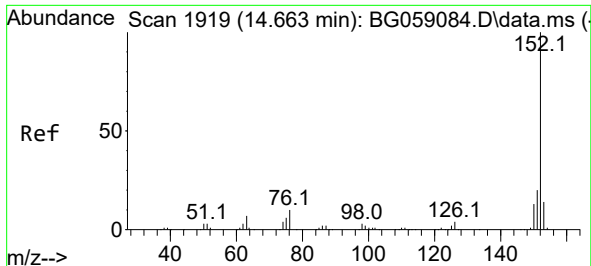
Ion Ratio Lower Upper

65 100

92 66.3 53.0 79.6

138 98.2 78.6 117.8

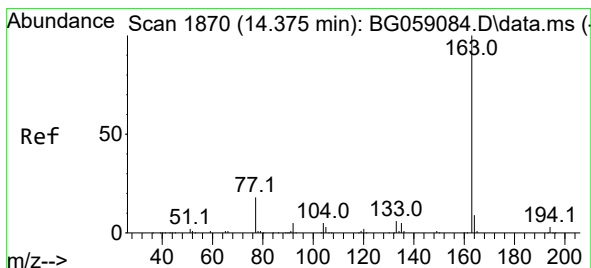
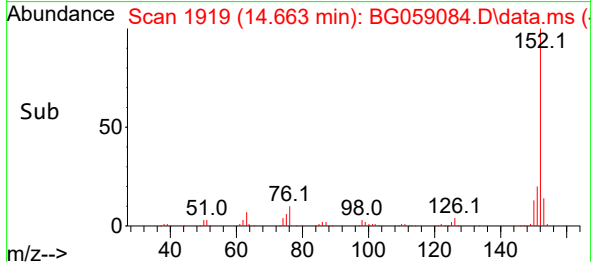
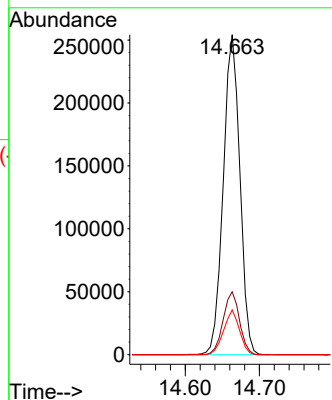
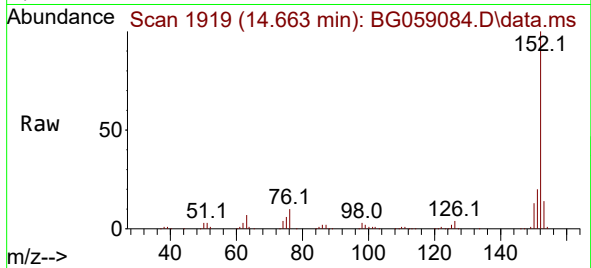




#49  
Acenaphthylene  
Concen: 39.590 ng  
RT: 14.663 min Scan# 1919  
Delta R.T. 0.000 min  
Lab File: BG059084.D  
Acq: 18 Sep 2023 12:28

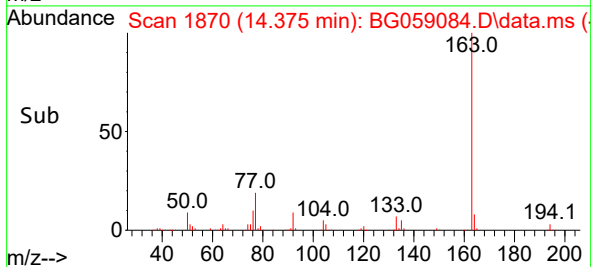
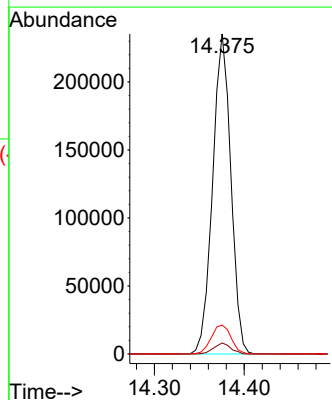
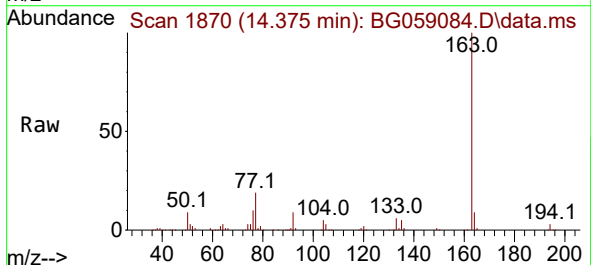
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICCC040

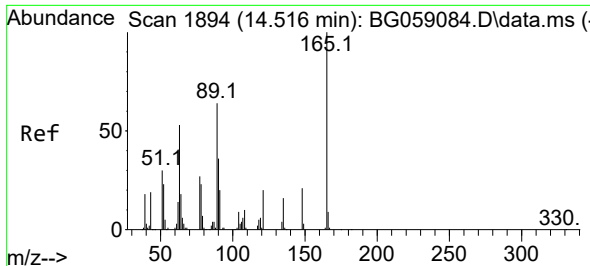
Tgt Ion:152 Resp: 395254  
Ion Ratio Lower Upper  
152 100  
151 19.6 15.7 23.5  
153 14.0 11.2 16.8



#50  
Dimethylphthalate  
Concen: 39.074 ng  
RT: 14.375 min Scan# 1870  
Delta R.T. 0.000 min  
Lab File: BG059084.D  
Acq: 18 Sep 2023 12:28

Tgt Ion:163 Resp: 330999  
Ion Ratio Lower Upper  
163 100  
194 3.4 2.7 4.1  
164 9.1 7.3 10.9

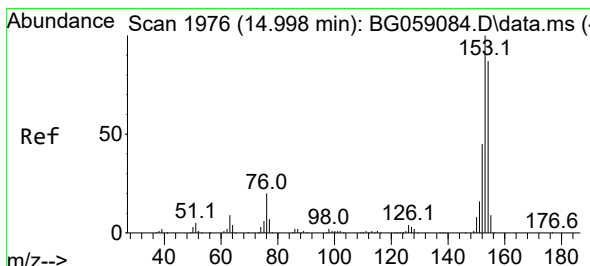
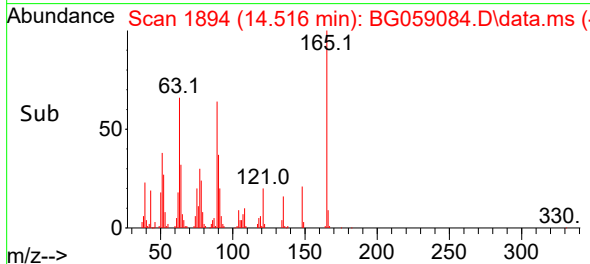
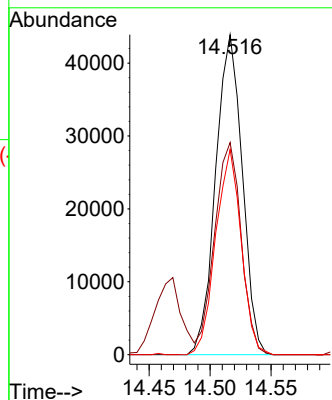
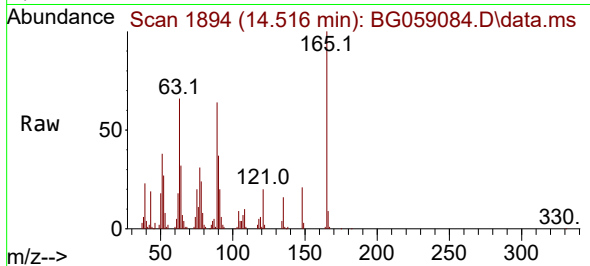




#51  
2,6-Dinitrotoluene  
Concen: 39.097 ng  
RT: 14.516 min Scan# 1894  
Delta R.T. 0.000 min  
Lab File: BG059084.D  
Acq: 18 Sep 2023 12:28

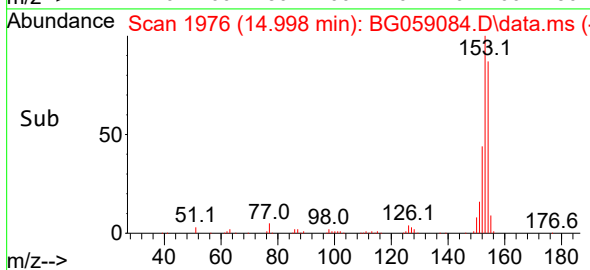
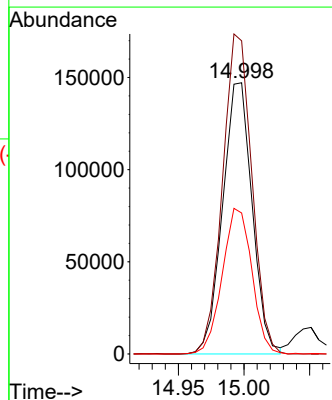
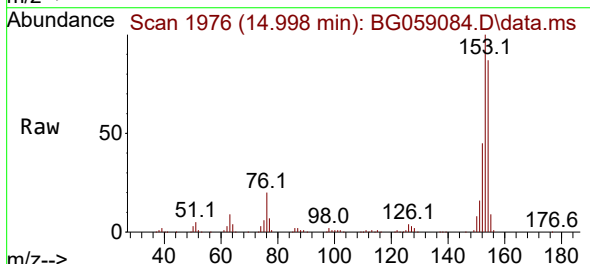
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICCC040

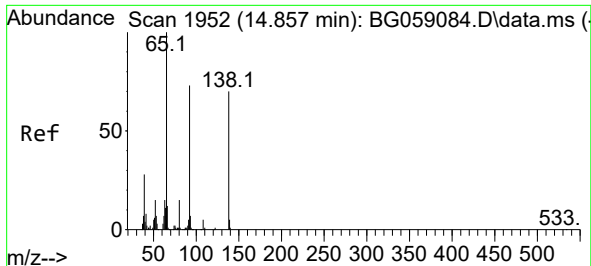
Tgt Ion:165 Resp: 66753  
Ion Ratio Lower Upper  
165 100  
63 66.3 53.0 79.6  
89 64.2 51.4 77.0



#52  
Acenaphthene  
Concen: 40.577 ng  
RT: 14.998 min Scan# 1976  
Delta R.T. 0.000 min  
Lab File: BG059084.D  
Acq: 18 Sep 2023 12:28

Tgt Ion:154 Resp: 230492  
Ion Ratio Lower Upper  
154 100  
153 115.5 92.4 138.6  
152 52.0 41.6 62.4

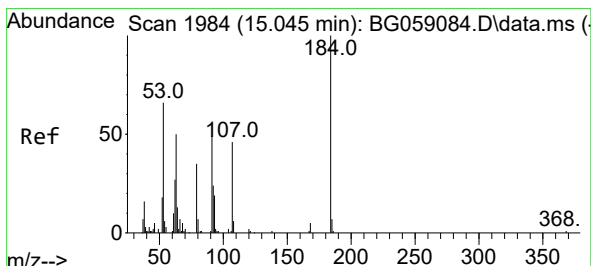
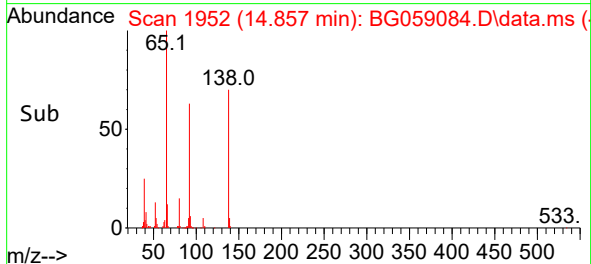
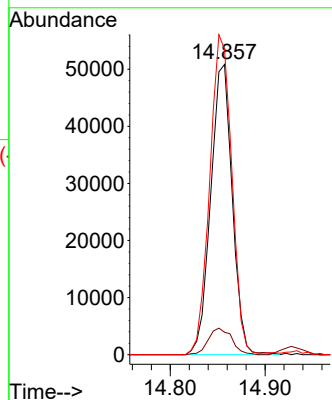
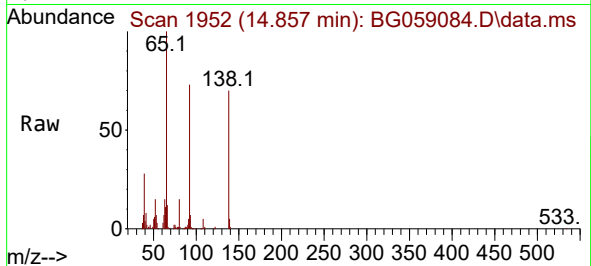




#53  
3-Nitroaniline  
Concen: 40.042 ng  
RT: 14.857 min Scan# 1952  
Delta R.T. 0.000 min  
Lab File: BG059084.D  
Acq: 18 Sep 2023 12:28

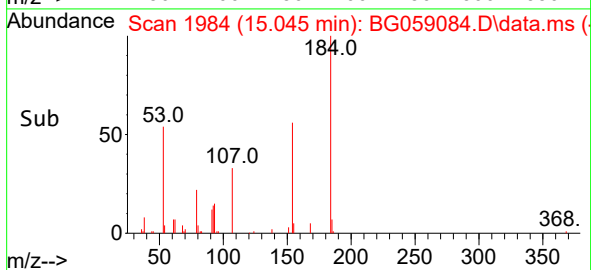
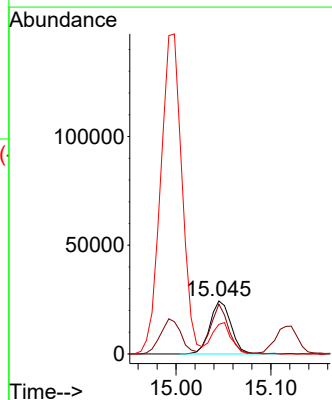
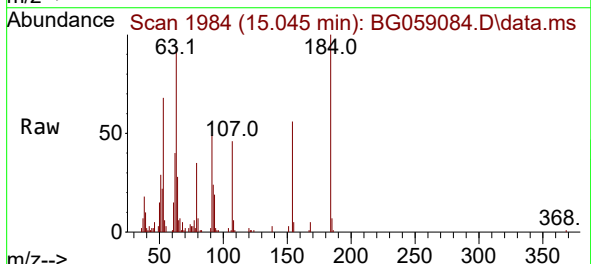
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICCC040

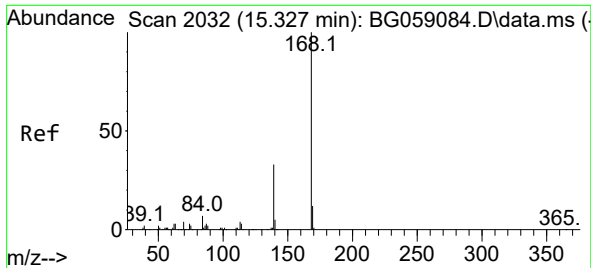
Tgt Ion:138 Resp: 80464  
Ion Ratio Lower Upper  
138 100  
108 7.7 6.2 9.2  
92 105.3 84.2 126.4



#54  
2,4-Dinitrophenol  
Concen: 39.539 ng  
RT: 15.045 min Scan# 1984  
Delta R.T. 0.000 min  
Lab File: BG059084.D  
Acq: 18 Sep 2023 12:28

Tgt Ion:184 Resp: 37413  
Ion Ratio Lower Upper  
184 100  
63 93.9 75.1 112.7  
154 55.7 44.6 66.8

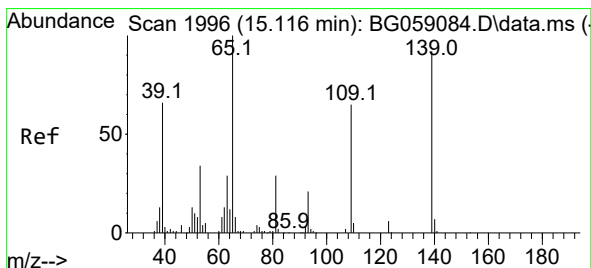
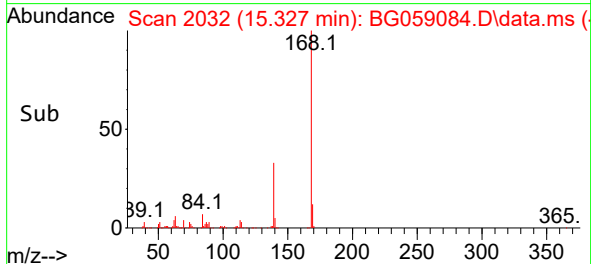
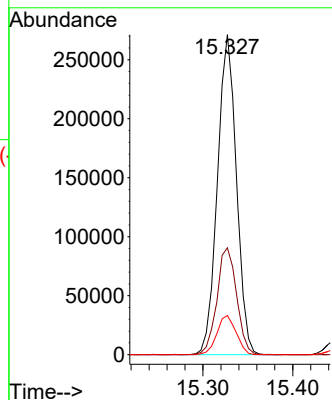
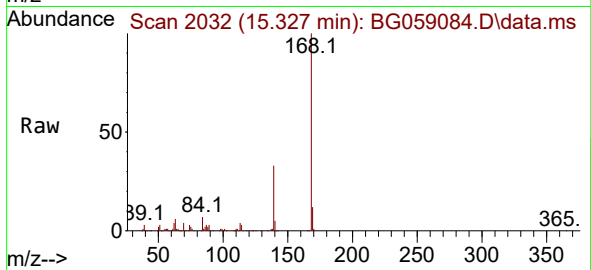




#55  
 Dibenzenofuran  
 Concen: 40.355 ng  
 RT: 15.327 min Scan# 2032  
 Delta R.T. 0.000 min  
 Lab File: BG059084.D  
 Acq: 18 Sep 2023 12:28

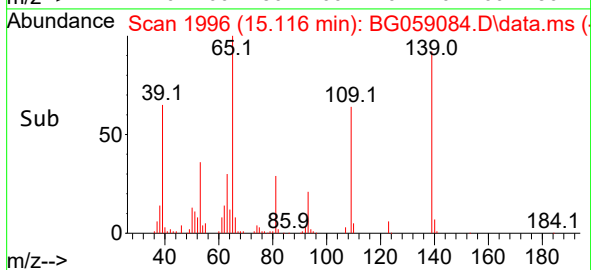
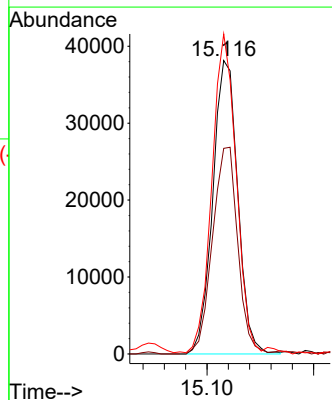
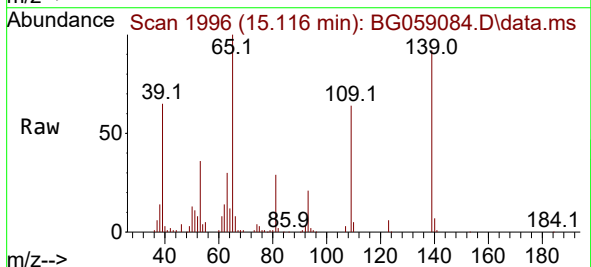
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC040

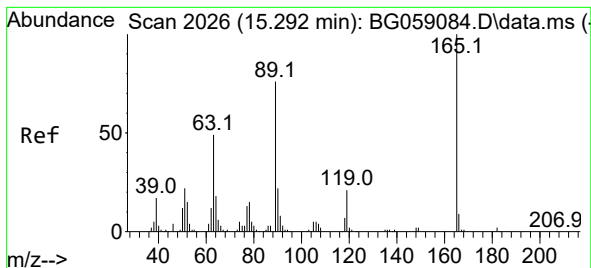
Tgt Ion:168 Resp: 397599  
 Ion Ratio Lower Upper  
 168 100  
 139 33.4 26.7 40.1  
 169 12.3 9.8 14.8



#56  
 4-Nitrophenol  
 Concen: 39.796 ng  
 RT: 15.116 min Scan# 1996  
 Delta R.T. 0.000 min  
 Lab File: BG059084.D  
 Acq: 18 Sep 2023 12:28

Tgt Ion:139 Resp: 62082  
 Ion Ratio Lower Upper  
 139 100  
 109 70.1 50.1 90.1  
 65 109.1 89.1 129.1

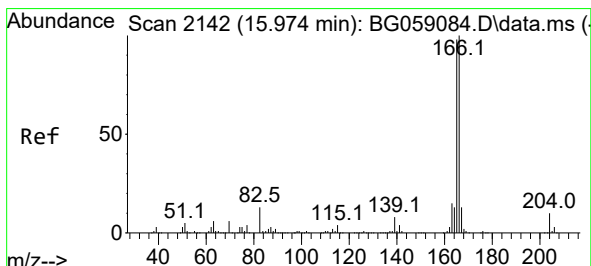
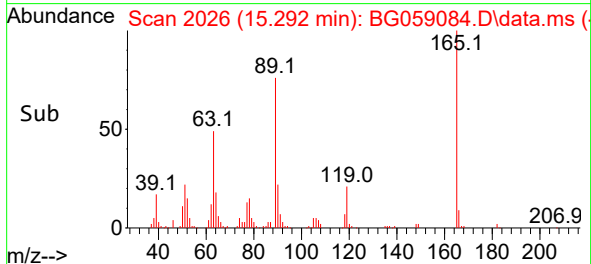
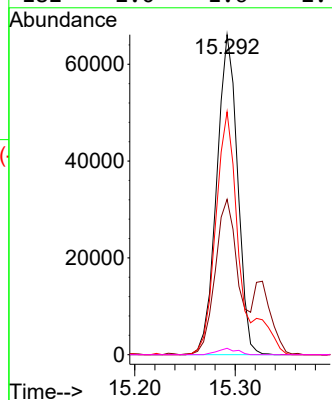
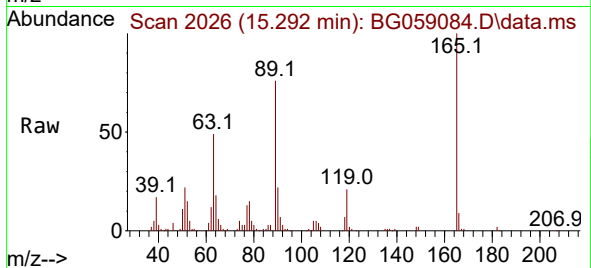




#57  
2,4-Dinitrotoluene  
Concen: 41.415 ng  
RT: 15.292 min Scan# 2026  
Delta R.T. 0.000 min  
Lab File: BG059084.D  
Acq: 18 Sep 2023 12:28

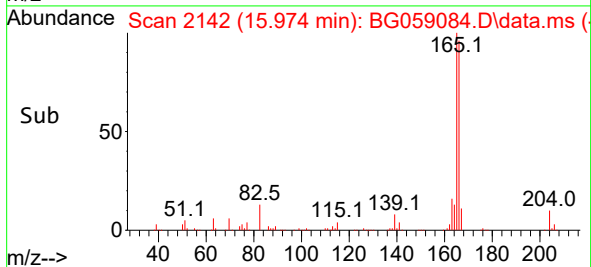
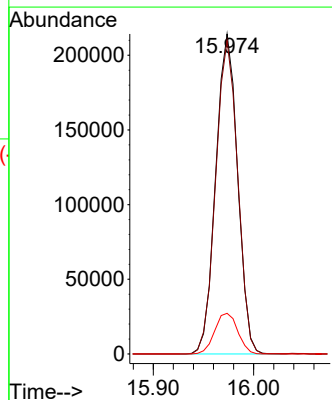
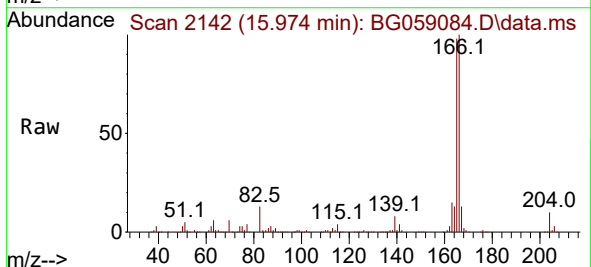
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICCC040

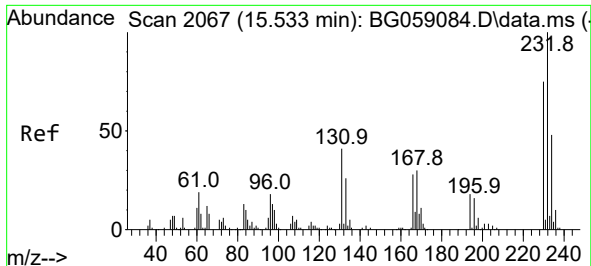
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 165   | Resp: | 95359 |
| Ion Ratio | Lower | Upper |       |
| 165       | 100   |       |       |
| 63        | 48.6  | 38.9  | 58.3  |
| 89        | 75.9  | 60.7  | 91.1  |
| 182       | 2.0   | 1.6   | 2.4   |



#58  
Fluorene  
Concen: 39.978 ng  
RT: 15.974 min Scan# 2142  
Delta R.T. 0.000 min  
Lab File: BG059084.D  
Acq: 18 Sep 2023 12:28

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 166   | Resp: | 323905 |
| Ion Ratio | Lower | Upper |        |
| 166       | 100   |       |        |
| 165       | 97.9  | 78.3  | 117.5  |
| 167       | 12.7  | 10.2  | 15.2   |

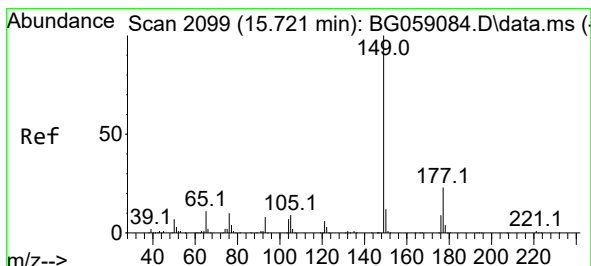
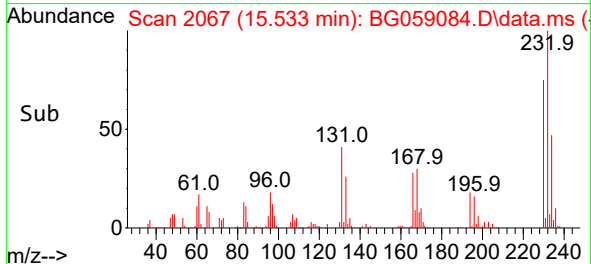
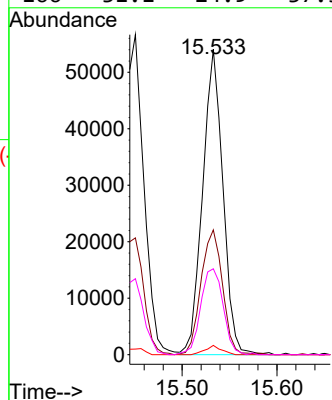
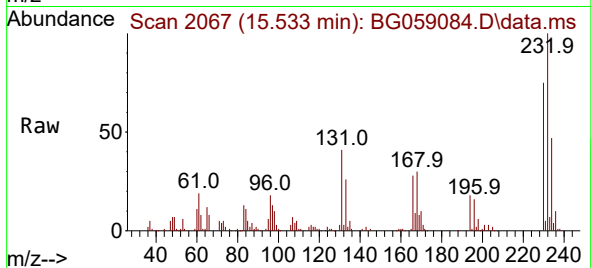




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 40.576 ng  
RT: 15.533 min Scan# 2067  
Delta R.T. 0.000 min  
Lab File: BG059084.D  
Acq: 18 Sep 2023 12:28

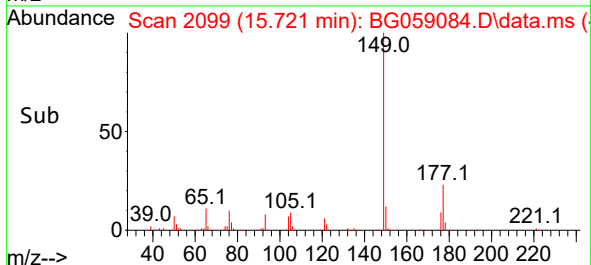
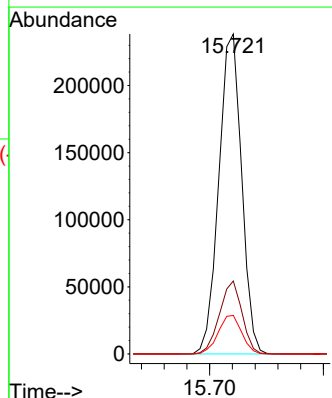
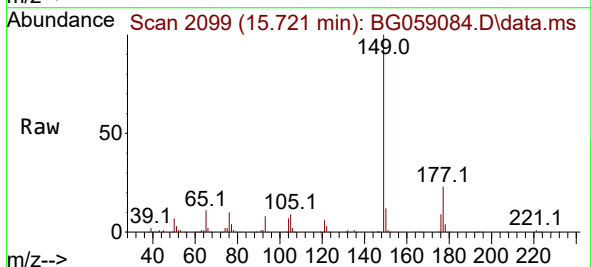
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICCC040

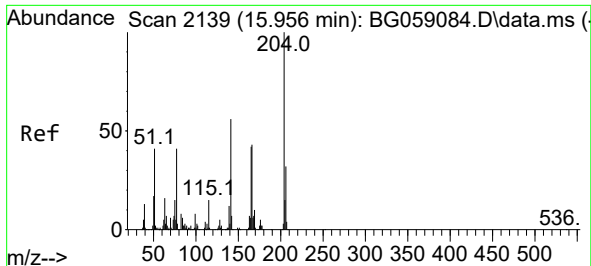
Tgt Ion:232 Resp: 80476  
Ion Ratio Lower Upper  
232 100  
131 43.4 34.7 52.1  
130 2.4 1.9 2.9  
166 31.1 24.9 37.3



#60  
Diethylphthalate  
Concen: 39.398 ng  
RT: 15.721 min Scan# 2099  
Delta R.T. 0.000 min  
Lab File: BG059084.D  
Acq: 18 Sep 2023 12:28

Tgt Ion:149 Resp: 331888  
Ion Ratio Lower Upper  
149 100  
177 22.8 18.2 27.4  
150 12.1 9.7 14.5

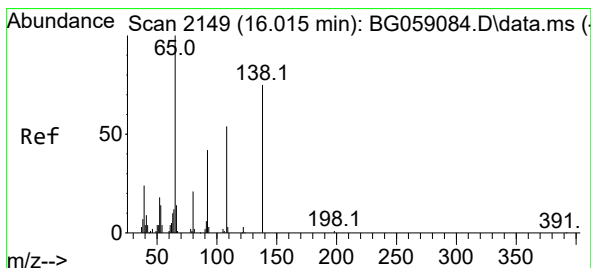
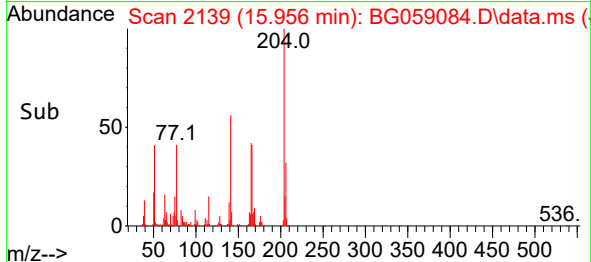
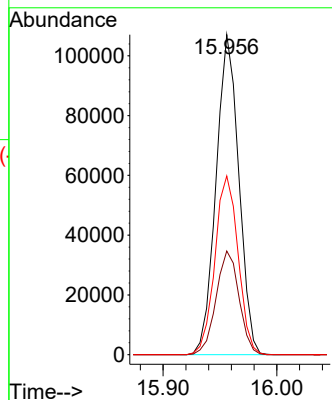
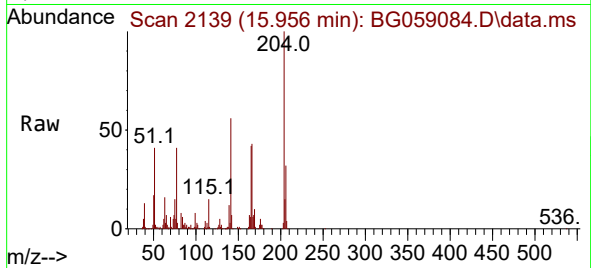




#61  
4-Chlorophenyl-phenylether  
Concen: 40.663 ng  
RT: 15.956 min Scan# 2139  
Delta R.T. 0.000 min  
Lab File: BG059084.D  
Acq: 18 Sep 2023 12:28

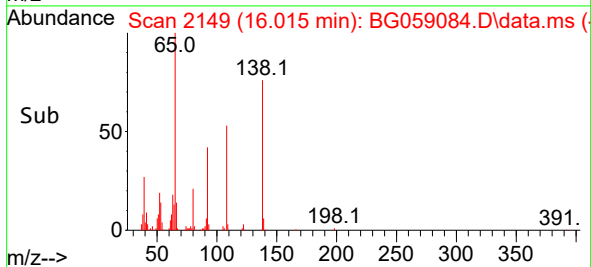
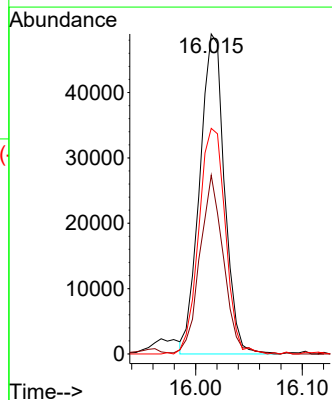
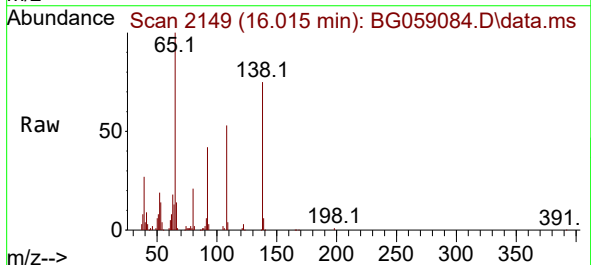
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICCC040

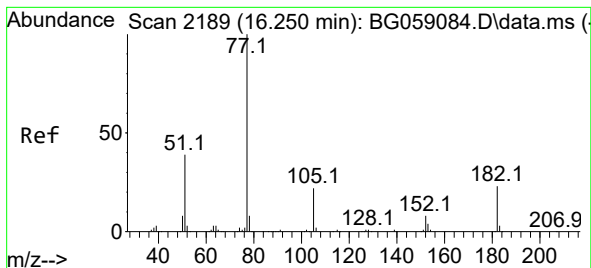
Tgt Ion:204 Resp: 149015  
Ion Ratio Lower Upper  
204 100  
206 32.4 25.9 38.9  
141 55.9 44.7 67.1



#62  
4-Nitroaniline  
Concen: 40.175 ng  
RT: 16.015 min Scan# 2149  
Delta R.T. 0.000 min  
Lab File: BG059084.D  
Acq: 18 Sep 2023 12:28

Tgt Ion:138 Resp: 79044  
Ion Ratio Lower Upper  
138 100  
92 55.8 35.8 75.8  
108 70.5 50.5 90.5





#63

Azobenzene

Concen: 39.358 ng

RT: 16.250 min Scan# 2189

Delta R.T. 0.000 min

Lab File: BG059084.D

Acq: 18 Sep 2023 12:28

Instrument :

BNA\_G

ClientSampleId :

SSTDICCC040

Tgt Ion: 77 Resp: 326314

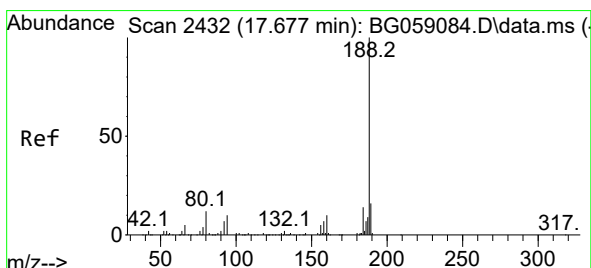
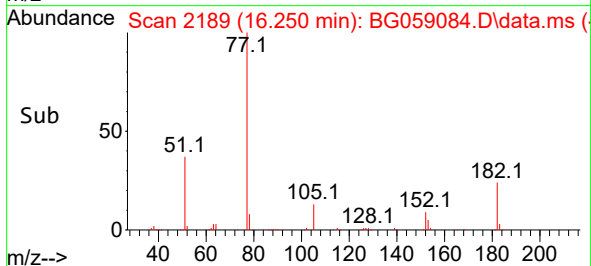
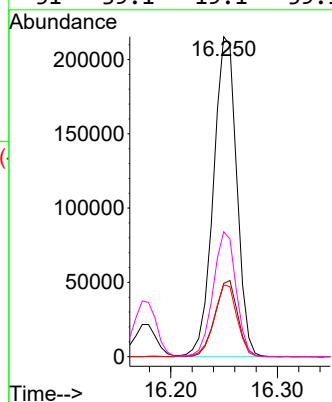
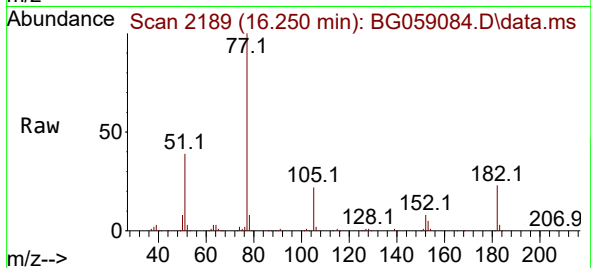
Ion Ratio Lower Upper

77 100

182 22.9 2.9 42.9

105 22.4 2.4 42.4

51 39.1 19.1 59.1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.677 min Scan# 2432

Delta R.T. 0.000 min

Lab File: BG059084.D

Acq: 18 Sep 2023 12:28

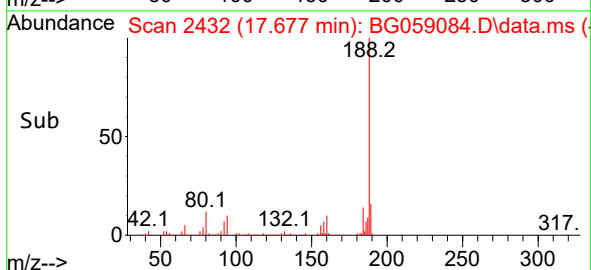
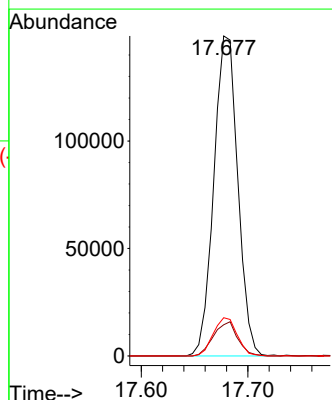
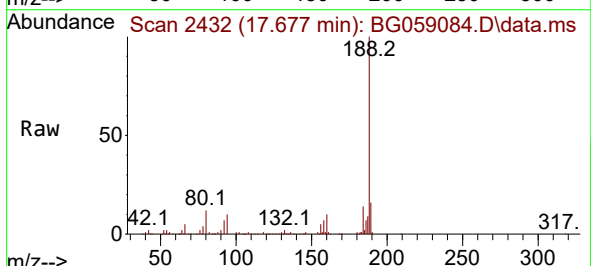
Tgt Ion:188 Resp: 232076

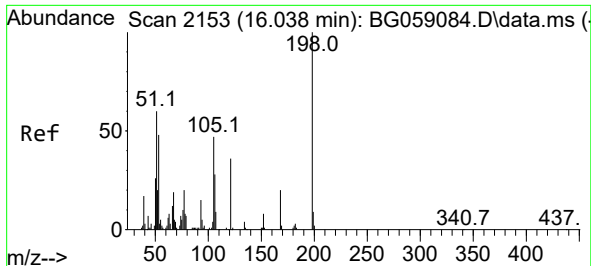
Ion Ratio Lower Upper

188 100

94 9.8 7.8 11.8

80 12.0 9.6 14.4

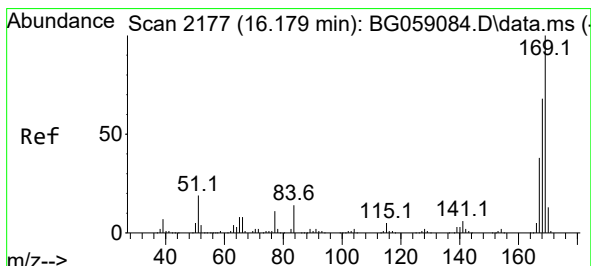
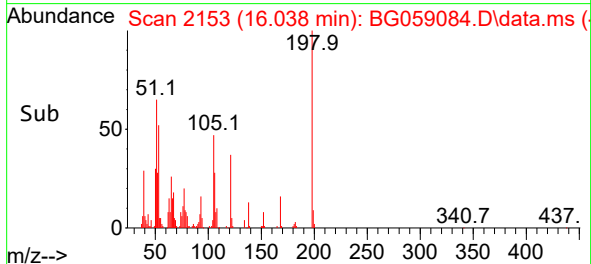
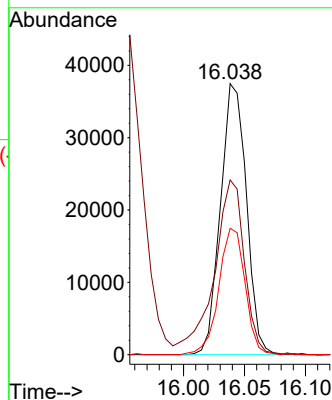
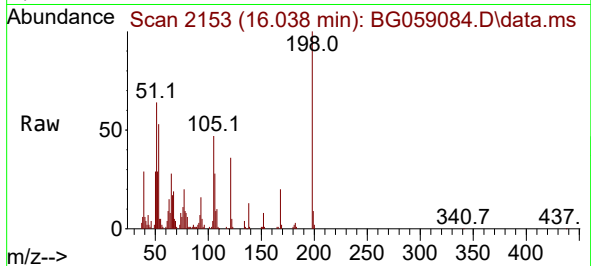




#65  
4,6-Dinitro-2-methylphenol  
Concen: 41.240 ng  
RT: 16.038 min Scan# 2153  
Delta R.T. 0.000 min  
Lab File: BG059084.D  
Acq: 18 Sep 2023 12:28

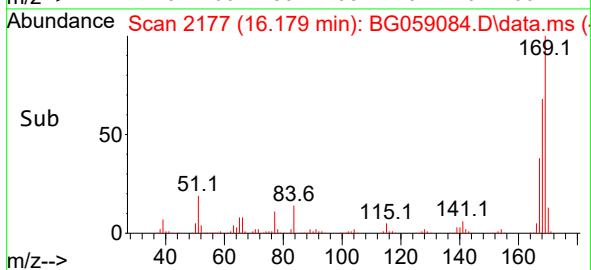
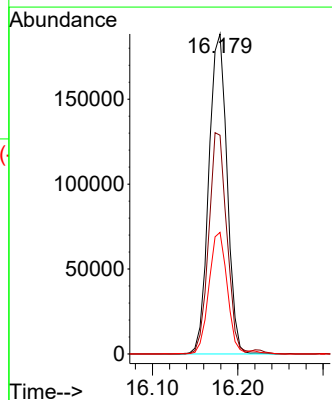
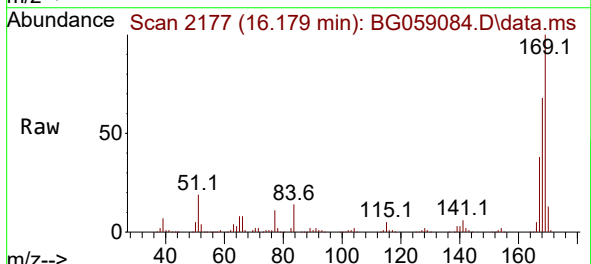
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICCC040

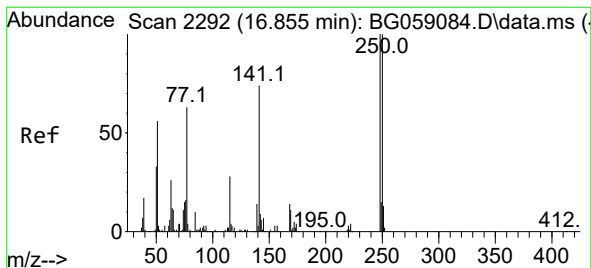
Tgt Ion:198 Resp: 55371  
Ion Ratio Lower Upper  
198 100  
51 64.5 44.5 84.5  
105 46.7 26.7 66.7



#66  
n-Nitrosodiphenylamine  
Concen: 40.588 ng  
RT: 16.179 min Scan# 2177  
Delta R.T. 0.000 min  
Lab File: BG059084.D  
Acq: 18 Sep 2023 12:28

Tgt Ion:169 Resp: 279509  
Ion Ratio Lower Upper  
169 100  
168 68.4 54.7 82.1  
167 38.0 30.4 45.6

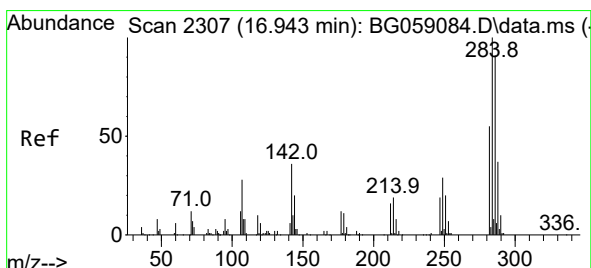
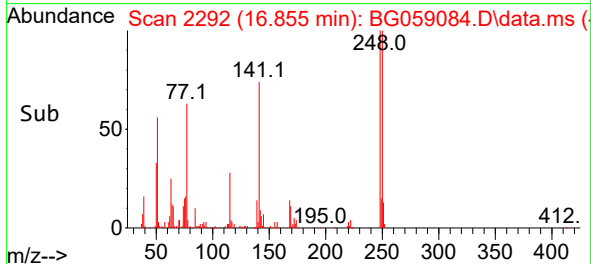
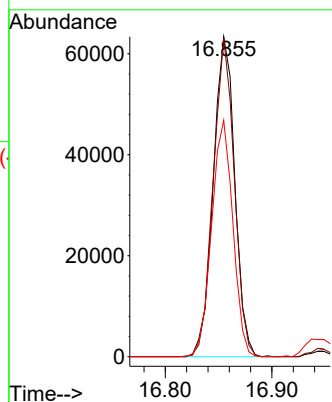
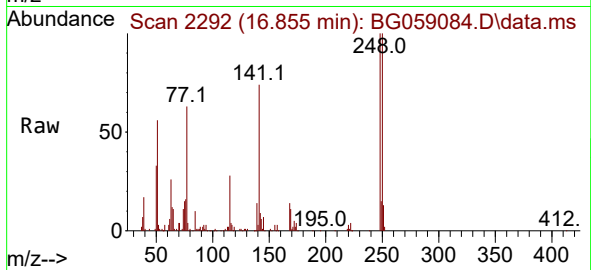




#67  
4-Bromophenyl-phenylether  
Concen: 39.464 ng  
RT: 16.855 min Scan# 2292  
Delta R.T. 0.000 min  
Lab File: BG059084.D  
Acq: 18 Sep 2023 12:28

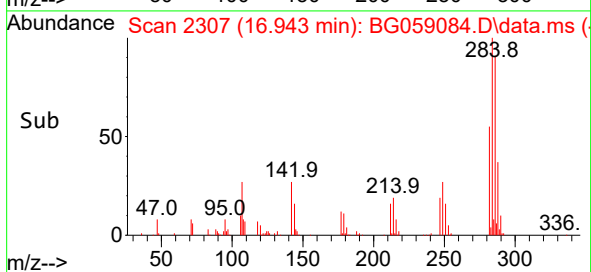
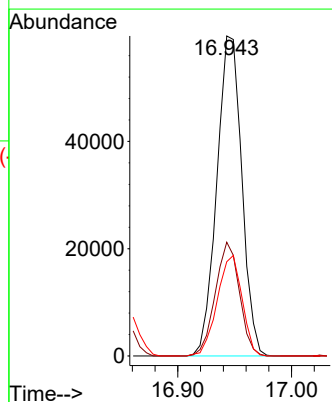
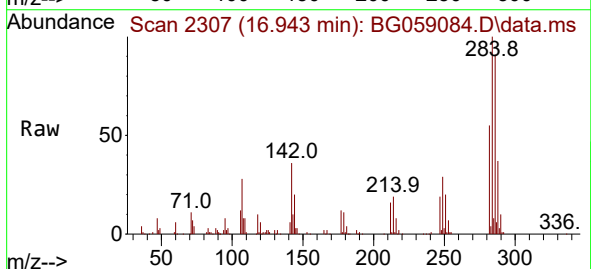
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICCC040

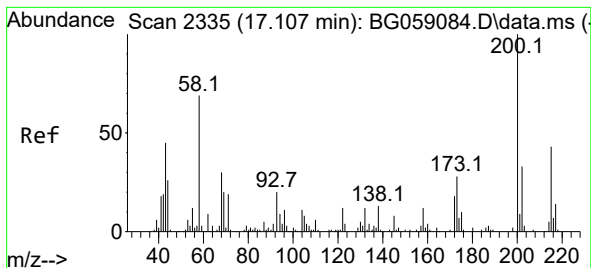
Tgt Ion:248 Resp: 88776  
Ion Ratio Lower Upper  
248 100  
250 99.7 79.8 119.6  
141 73.9 59.1 88.7



#68  
Hexachlorobenzene  
Concen: 39.186 ng  
RT: 16.943 min Scan# 2307  
Delta R.T. 0.000 min  
Lab File: BG059084.D  
Acq: 18 Sep 2023 12:28

Tgt Ion:284 Resp: 91206  
Ion Ratio Lower Upper  
284 100  
142 35.5 28.4 42.6  
249 29.4 23.5 35.3





#69

Atrazine

Concen: 37.320 ng

RT: 17.107 min Scan# 21

Delta R.T. 0.000 min

Lab File: BG059084.D

Acq: 18 Sep 2023 12:28

Instrument :

BNA\_G

ClientSampleId :

SSTDICCC040

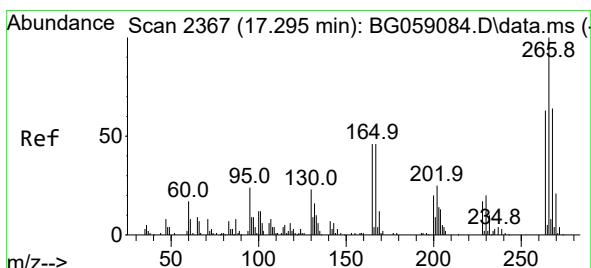
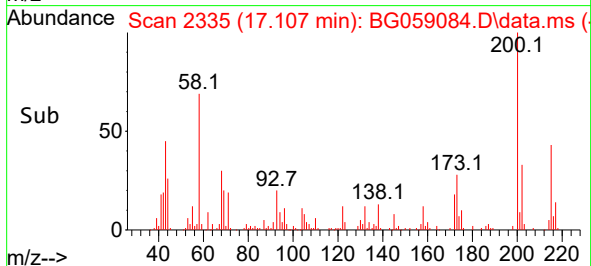
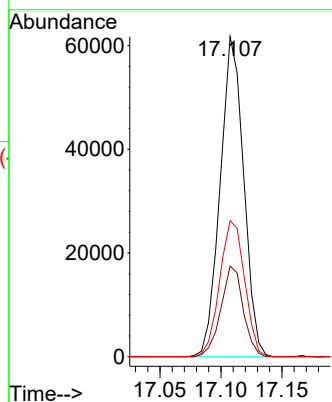
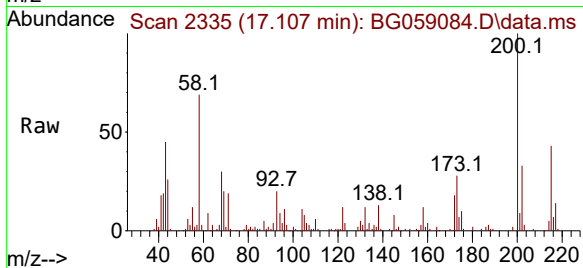
Tgt Ion:200 Resp: 82770

Ion Ratio Lower Upper

200 100

173 28.3 8.3 48.3

215 42.5 22.5 62.5



#70

Pentachlorophenol

Concen: 40.205 ng

RT: 17.295 min Scan# 2367

Delta R.T. 0.000 min

Lab File: BG059084.D

Acq: 18 Sep 2023 12:28

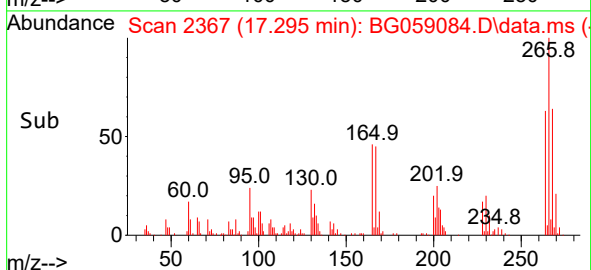
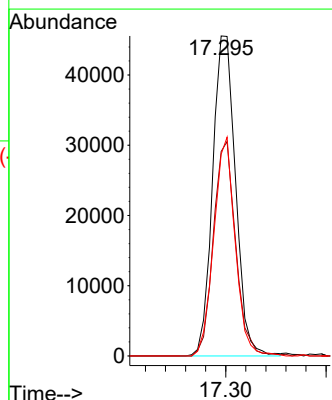
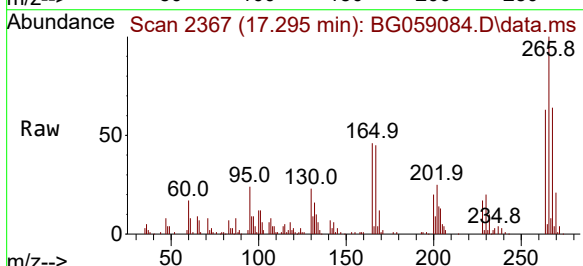
Tgt Ion:266 Resp: 72401

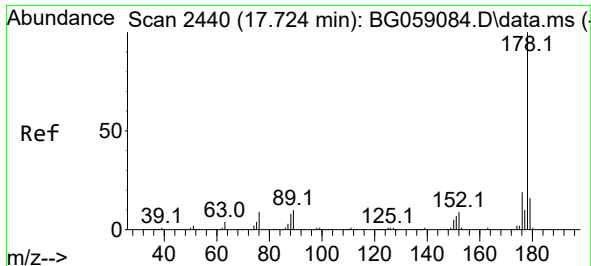
Ion Ratio Lower Upper

266 100

268 63.9 51.1 76.7

264 63.0 50.4 75.6

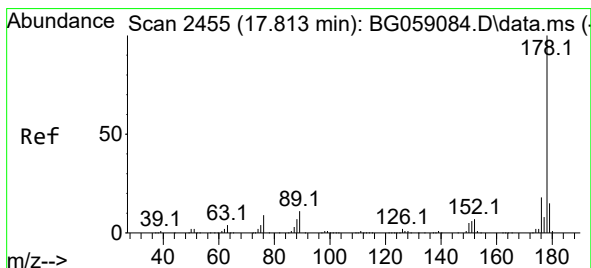
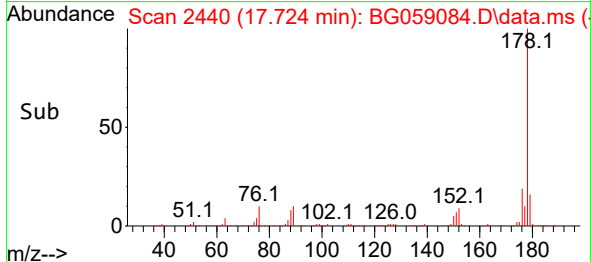
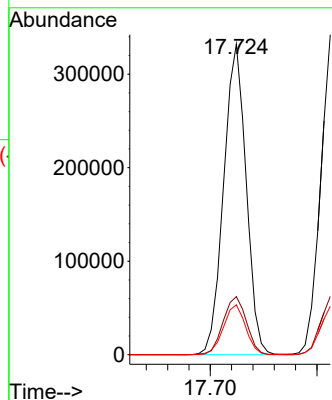
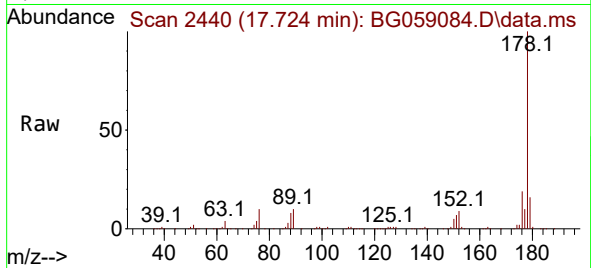




#71  
Phenanthrene  
Concen: 39.413 ng  
RT: 17.724 min Scan# 2440  
Delta R.T. 0.000 min  
Lab File: BG059084.D  
Acq: 18 Sep 2023 12:28

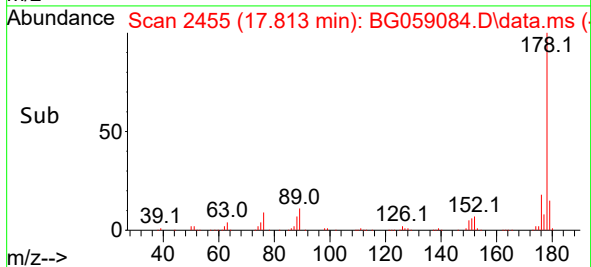
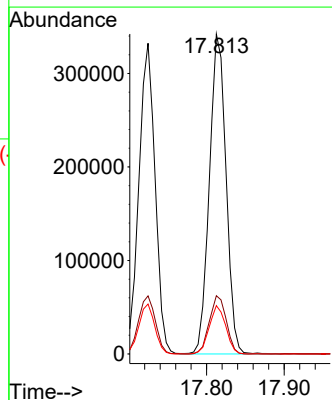
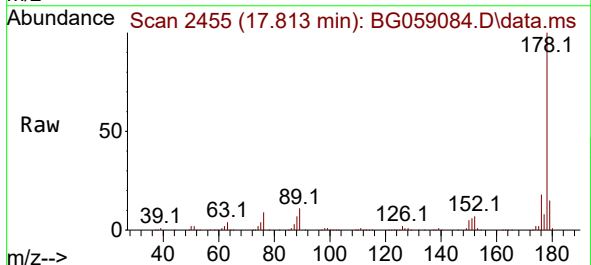
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICCC040

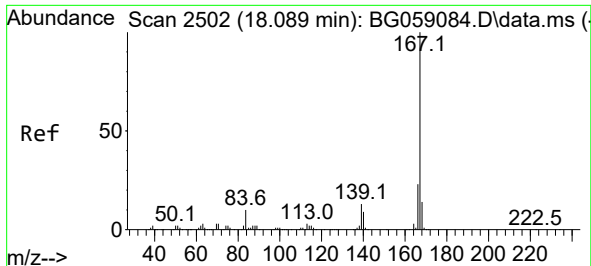
Tgt Ion:178 Resp: 485027  
Ion Ratio Lower Upper  
178 100  
176 18.7 15.0 22.4  
179 16.1 12.9 19.3



#72  
Anthracene  
Concen: 40.388 ng  
RT: 17.813 min Scan# 2455  
Delta R.T. 0.000 min  
Lab File: BG059084.D  
Acq: 18 Sep 2023 12:28

Tgt Ion:178 Resp: 510816  
Ion Ratio Lower Upper  
178 100  
176 18.2 14.6 21.8  
179 15.1 12.1 18.1

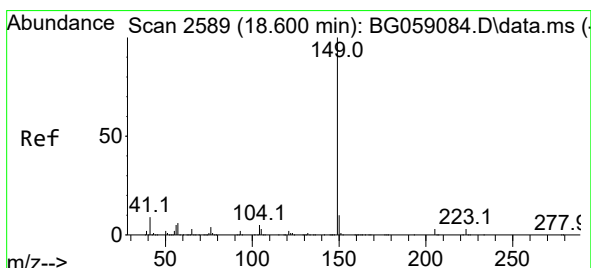
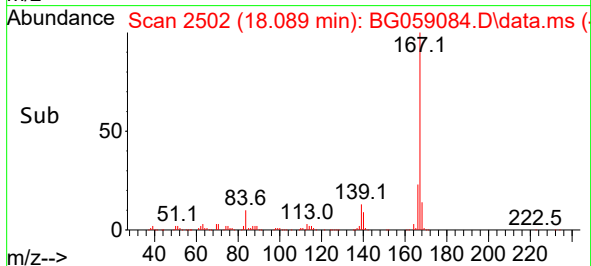
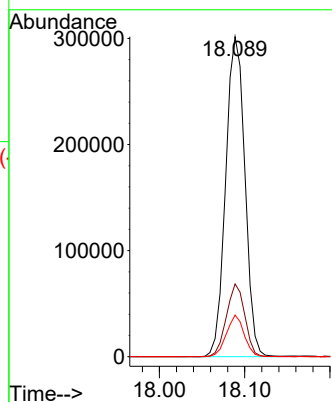
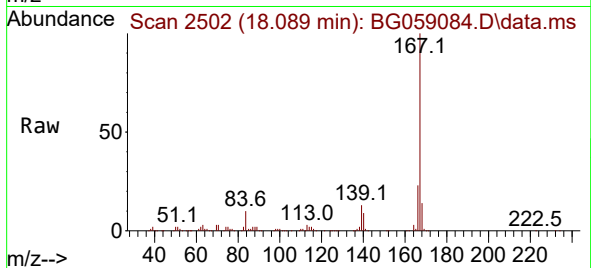




#73  
 Carbazole  
 Concen: 39.314 ng  
 RT: 18.089 min Scan# 2502  
 Delta R.T. 0.000 min  
 Lab File: BG059084.D  
 Acq: 18 Sep 2023 12:28

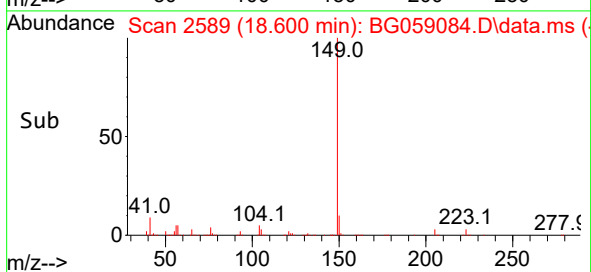
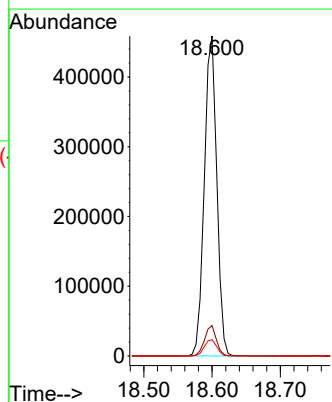
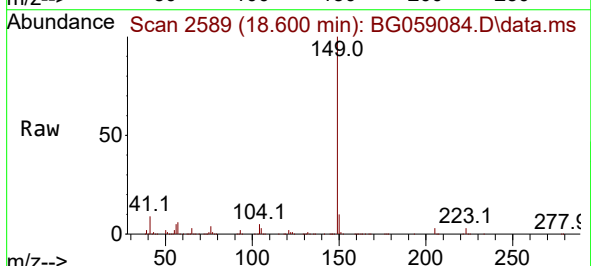
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICCC040

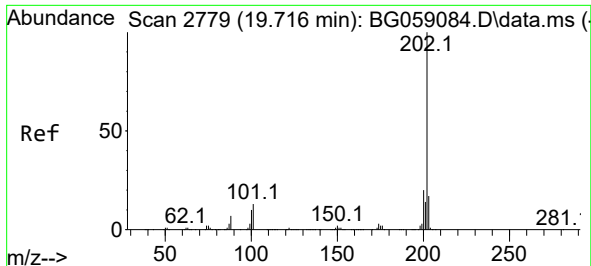
Tgt Ion:167 Resp: 471479  
 Ion Ratio Lower Upper  
 167 100  
 166 22.8 18.2 27.4  
 139 13.0 10.4 15.6



#74  
 Di-n-butylphthalate  
 Concen: 39.633 ng  
 RT: 18.600 min Scan# 2589  
 Delta R.T. 0.000 min  
 Lab File: BG059084.D  
 Acq: 18 Sep 2023 12:28

Tgt Ion:149 Resp: 582538  
 Ion Ratio Lower Upper  
 149 100  
 150 9.5 7.6 11.4  
 104 5.1 4.1 6.1

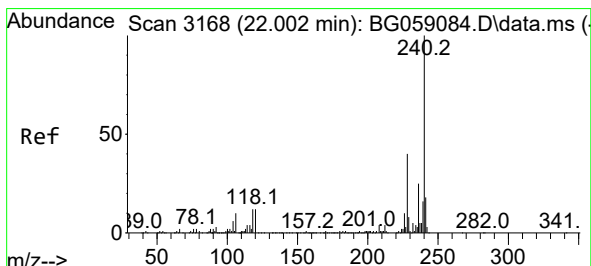
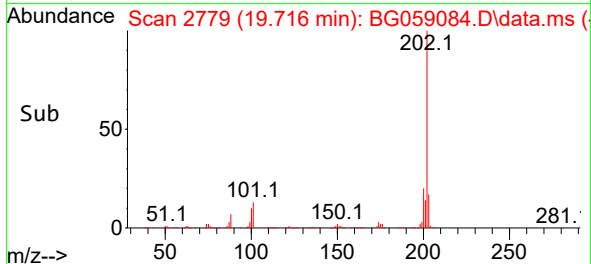
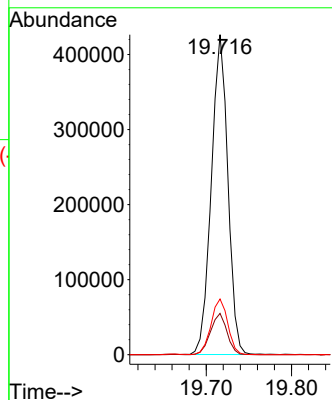
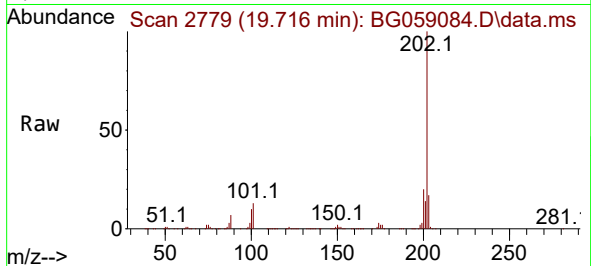




#75  
Fluoranthene  
Concen: 39.724 ng  
RT: 19.716 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: BG059084.D  
Acq: 18 Sep 2023 12:28

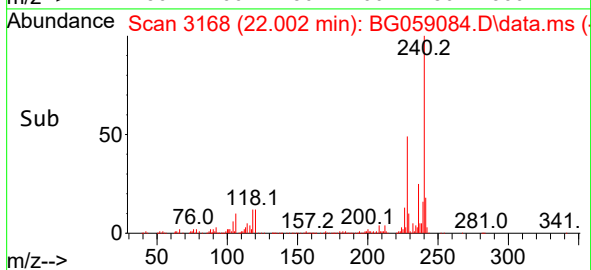
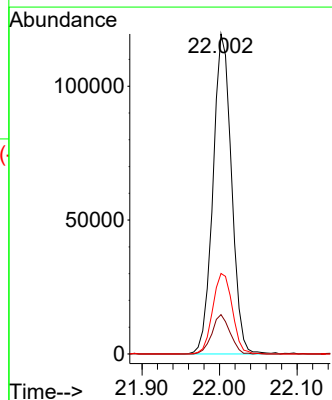
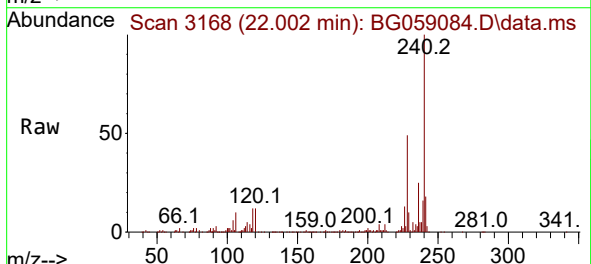
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICCC040

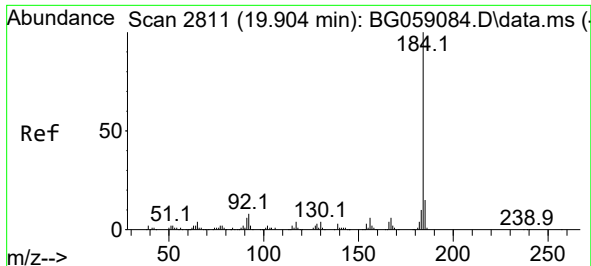
Tgt Ion:202 Resp: 575065  
Ion Ratio Lower Upper  
202 100  
101 12.9 0.0 32.9  
203 17.4 0.0 37.4



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 22.002 min Scan# 3168  
Delta R.T. 0.000 min  
Lab File: BG059084.D  
Acq: 18 Sep 2023 12:28

Tgt Ion:240 Resp: 198481  
Ion Ratio Lower Upper  
240 100  
120 12.3 9.8 14.8  
236 25.2 20.2 30.2

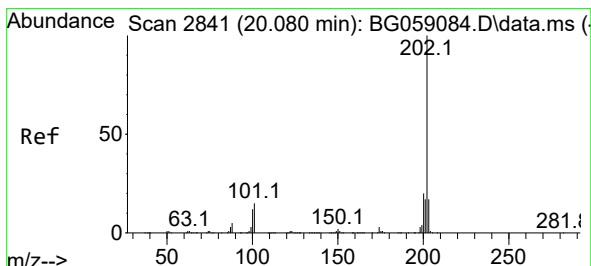
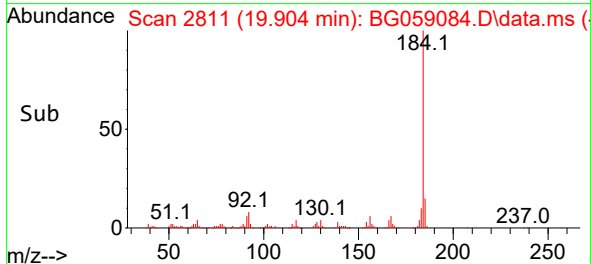
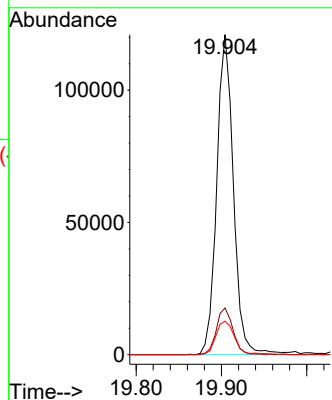
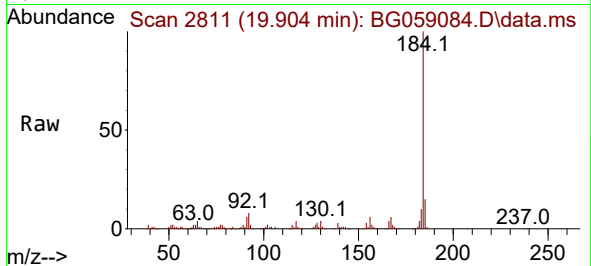




#77  
Benzidine  
Concen: 39.060 ng  
RT: 19.904 min Scan# 2811  
Delta R.T. 0.000 min  
Lab File: BG059084.D  
Acq: 18 Sep 2023 12:28

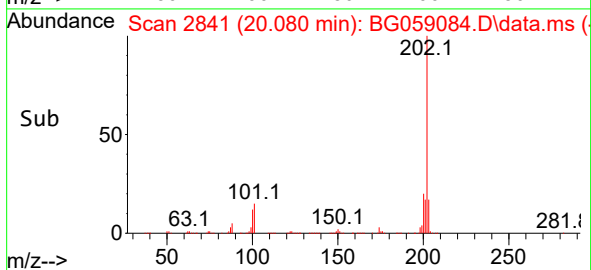
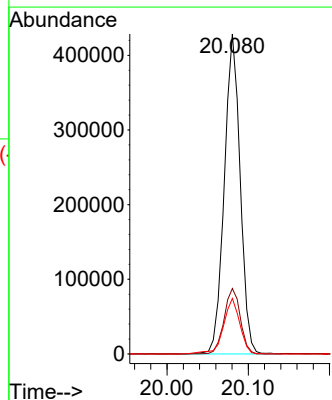
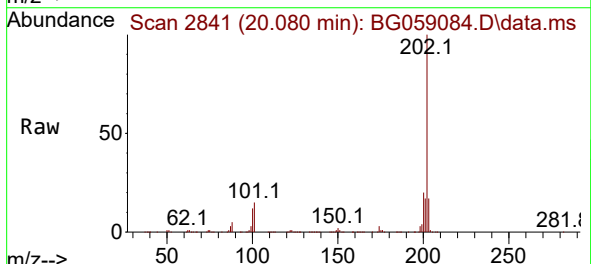
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICCC040

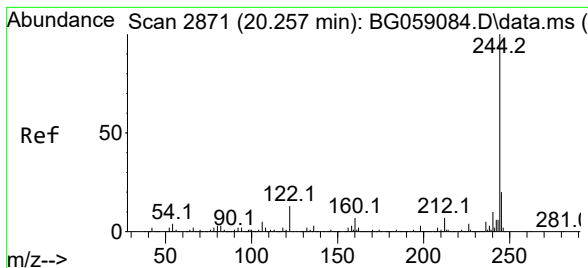
Tgt Ion:184 Resp: 164137  
Ion Ratio Lower Upper  
184 100  
185 14.6 11.7 17.5  
183 10.5 8.4 12.6



#78  
Pyrene  
Concen: 41.629 ng  
RT: 20.080 min Scan# 2841  
Delta R.T. 0.000 min  
Lab File: BG059084.D  
Acq: 18 Sep 2023 12:28

Tgt Ion:202 Resp: 583027  
Ion Ratio Lower Upper  
202 100  
200 20.5 16.4 24.6  
203 17.4 13.9 20.9





#79

Terphenyl-d14

Concen: 82.225 ng

RT: 20.257 min Scan# 2871

Delta R.T. 0.000 min

Lab File: BG059084.D

Acq: 18 Sep 2023 12:28

Instrument :

BNA\_G

ClientSampleId :

SSTDICCC040

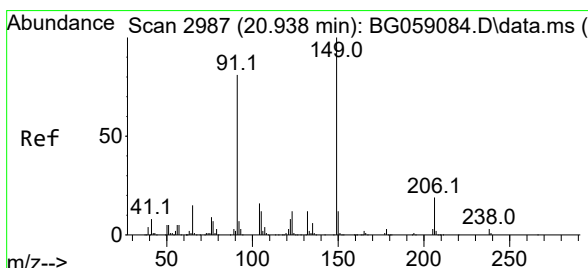
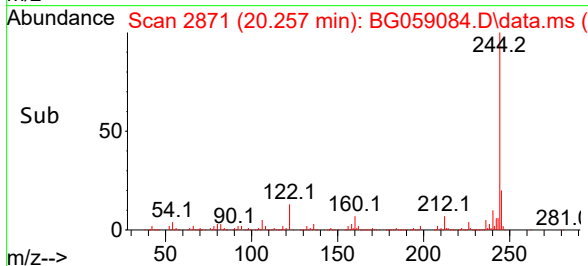
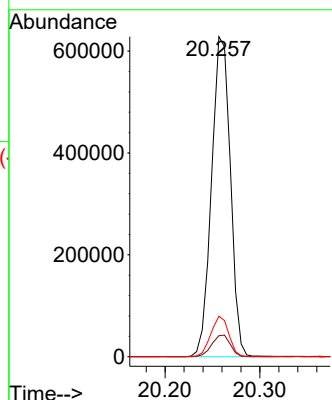
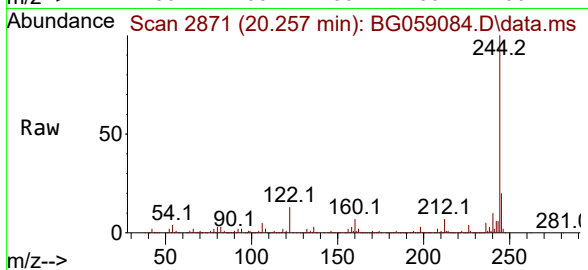
Tgt Ion:244 Resp: 867478

Ion Ratio Lower Upper

244 100

212 6.6 5.3 7.9

122 12.7 10.2 15.2



#80

Butylbenzylphthalate

Concen: 40.713 ng

RT: 20.938 min Scan# 2987

Delta R.T. 0.000 min

Lab File: BG059084.D

Acq: 18 Sep 2023 12:28

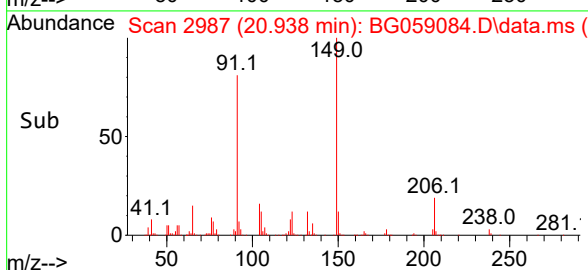
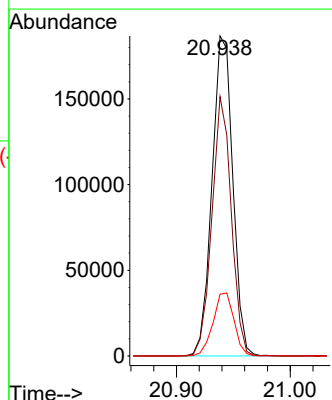
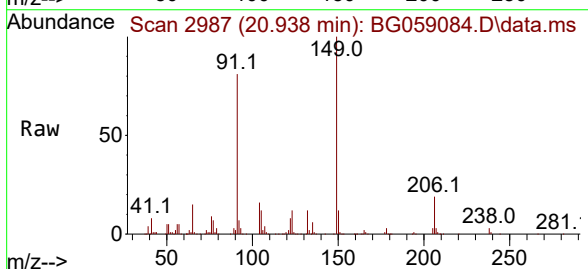
Tgt Ion:149 Resp: 236279

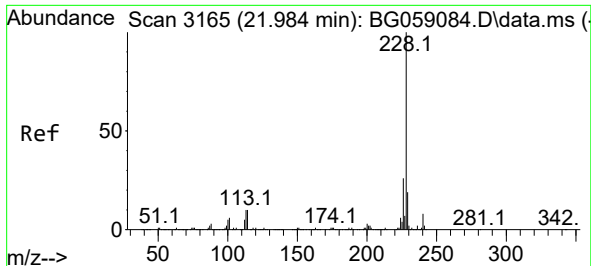
Ion Ratio Lower Upper

149 100

91 81.0 64.8 97.2

206 19.3 15.4 23.2

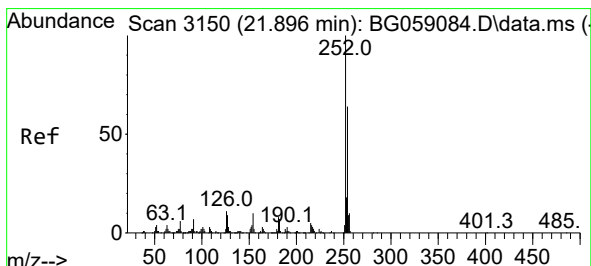
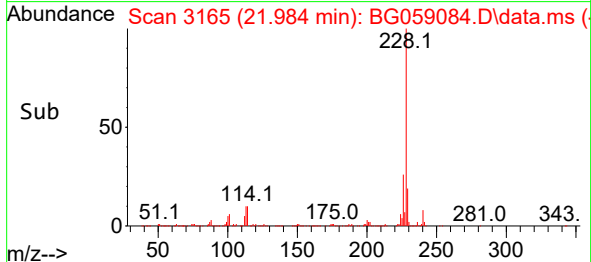
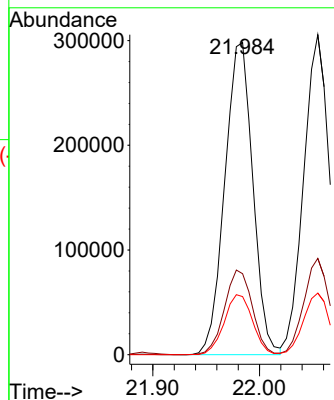
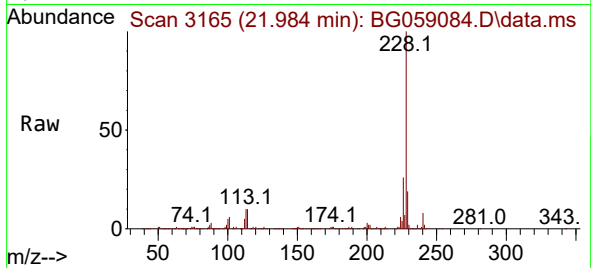




#81  
Benzo(a)anthracene  
Concen: 40.537 ng  
RT: 21.984 min Scan# 3165  
Delta R.T. 0.000 min  
Lab File: BG059084.D  
Acq: 18 Sep 2023 12:28

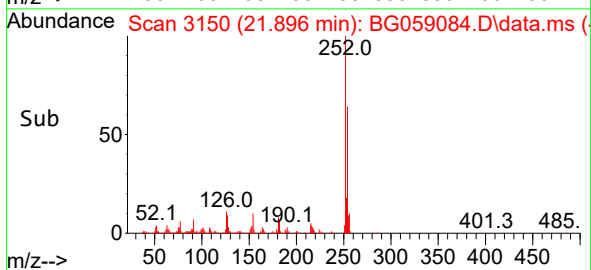
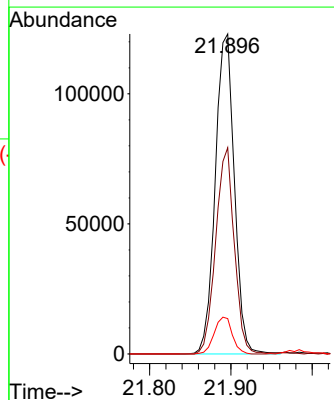
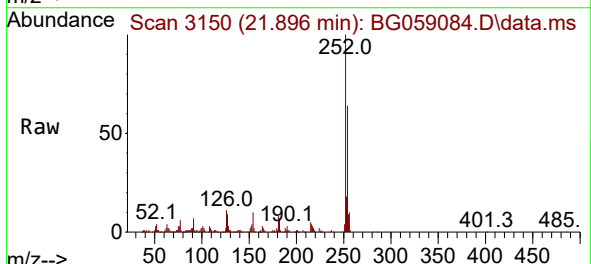
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICCC040

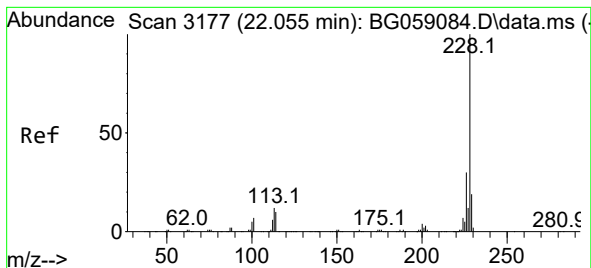
Tgt Ion:228 Resp: 545533  
Ion Ratio Lower Upper  
228 100  
226 25.9 20.7 31.1  
229 18.6 14.9 22.3



#82  
3,3'-Dichlorobenzidine  
Concen: 41.429 ng  
RT: 21.896 min Scan# 3150  
Delta R.T. 0.000 min  
Lab File: BG059084.D  
Acq: 18 Sep 2023 12:28

Tgt Ion:252 Resp: 200909  
Ion Ratio Lower Upper  
252 100  
254 64.5 51.6 77.4  
126 11.1 8.9 13.3





#83

Chrysene

Concen: 40.393 ng

RT: 22.055 min Scan# 3177

Delta R.T. 0.000 min

Lab File: BG059084.D

Acq: 18 Sep 2023 12:28

Instrument :

BNA\_G

ClientSampleId :

SSTDICCC040

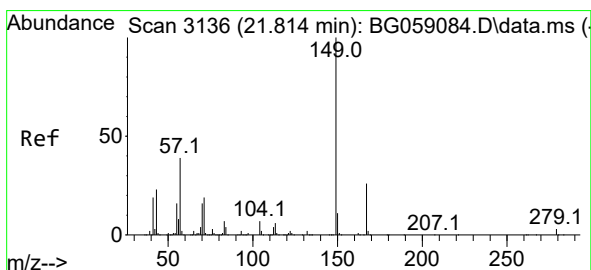
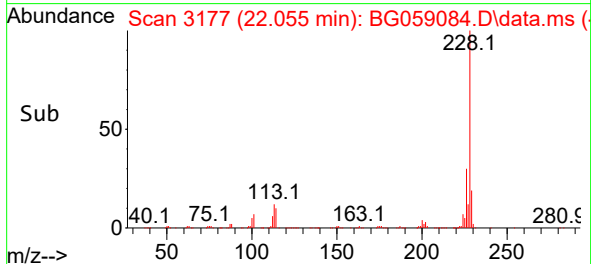
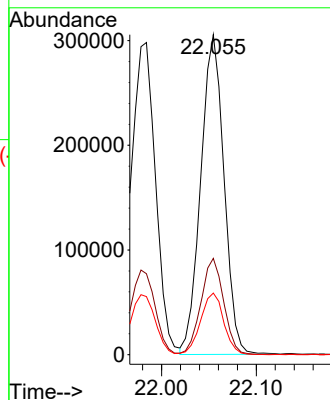
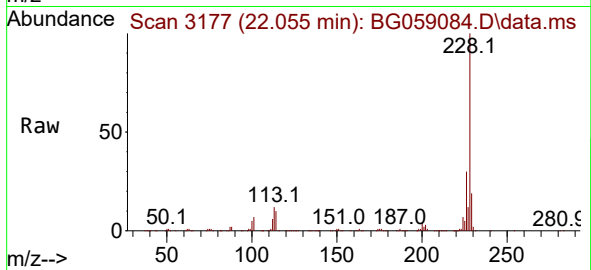
Tgt Ion:228 Resp: 521029

Ion Ratio Lower Upper

228 100

226 30.1 24.1 36.1

229 19.2 15.4 23.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.164 ng

RT: 21.814 min Scan# 3136

Delta R.T. 0.000 min

Lab File: BG059084.D

Acq: 18 Sep 2023 12:28

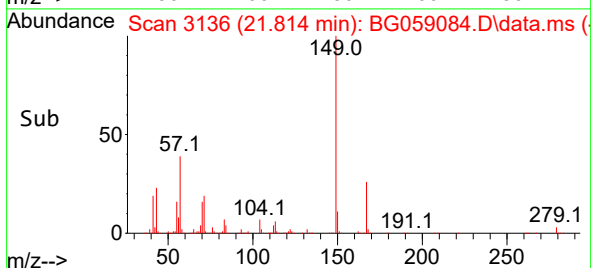
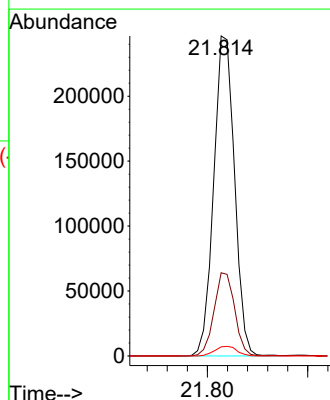
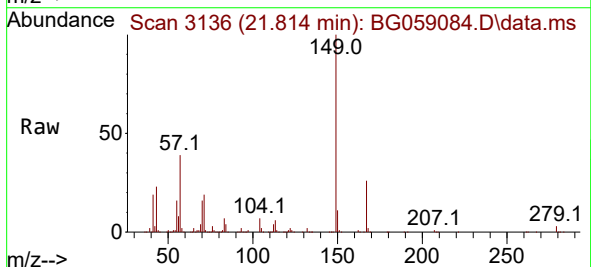
Tgt Ion:149 Resp: 354453

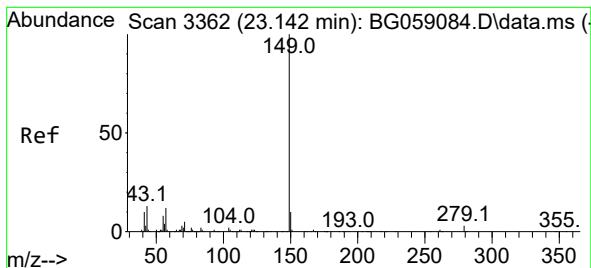
Ion Ratio Lower Upper

149 100

167 26.0 20.8 31.2

279 2.8 2.2 3.4





#85

Di-n-octyl phthalate

Concen: 41.242 ng

RT: 23.142 min Scan# 31

Delta R.T. 0.000 min

Lab File: BG059084.D

Acq: 18 Sep 2023 12:28

Instrument :

BNA\_G

ClientSampleId :

SSTDICCC040

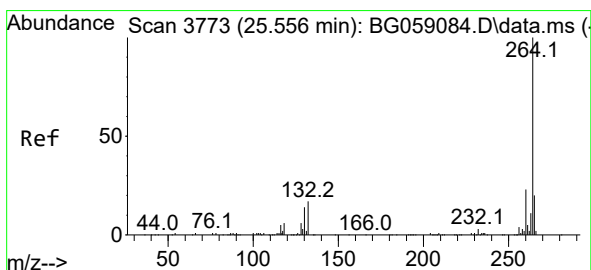
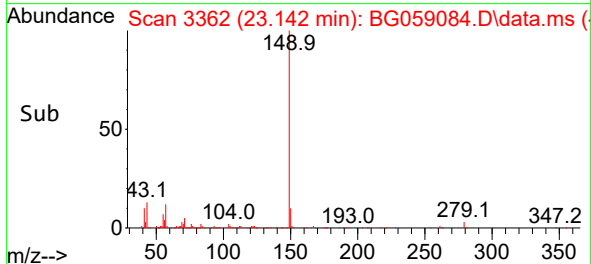
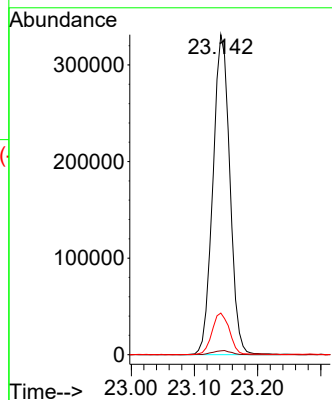
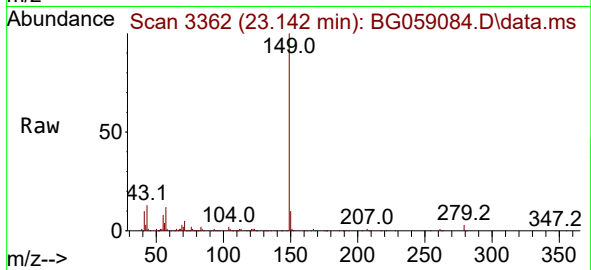
Tgt Ion:149 Resp: 617364

Ion Ratio Lower Upper

149 100

167 1.4 1.1 1.7

43 13.7 11.0 16.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.556 min Scan# 3773

Delta R.T. 0.000 min

Lab File: BG059084.D

Acq: 18 Sep 2023 12:28

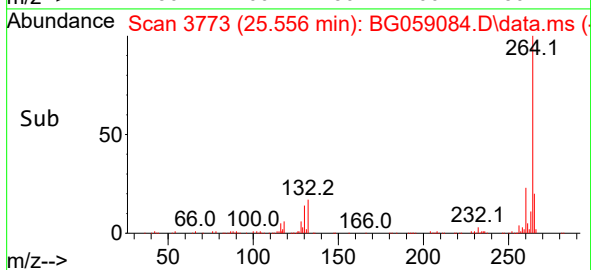
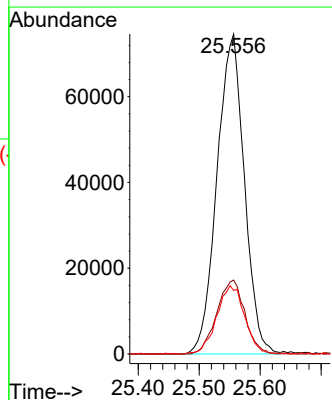
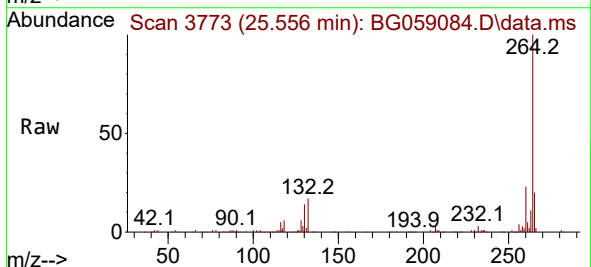
Tgt Ion:264 Resp: 232337

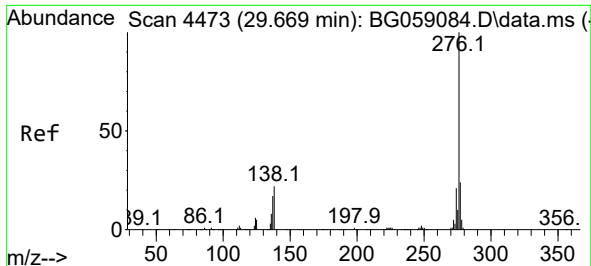
Ion Ratio Lower Upper

264 100

260 23.1 18.5 27.7

265 19.9 15.9 23.9

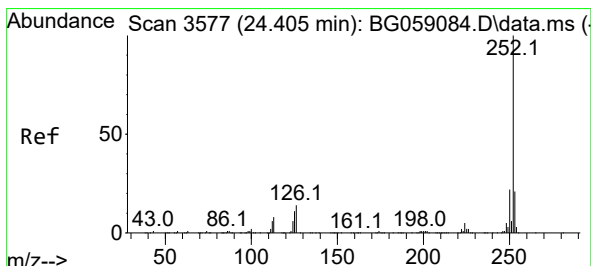
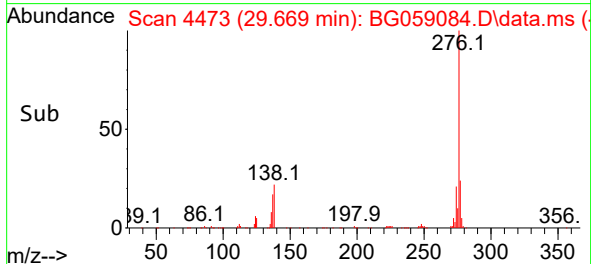
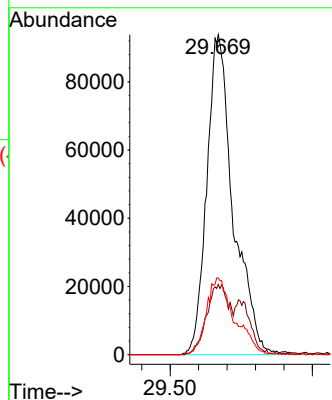
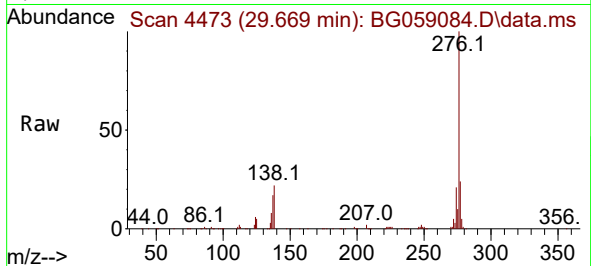




#87  
Indeno(1,2,3-cd)pyrene  
Concen: 40.507 ng  
RT: 29.669 min Scan# 4473  
Delta R.T. 0.000 min  
Lab File: BG059084.D  
Acq: 18 Sep 2023 12:28

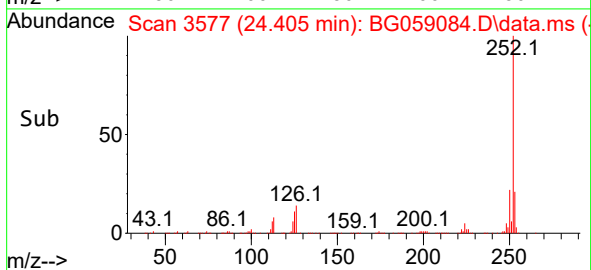
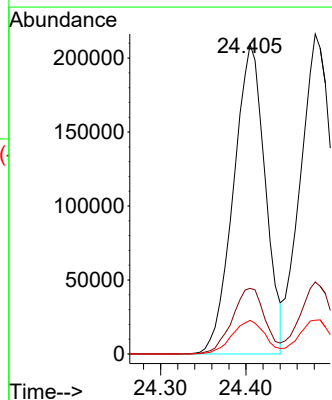
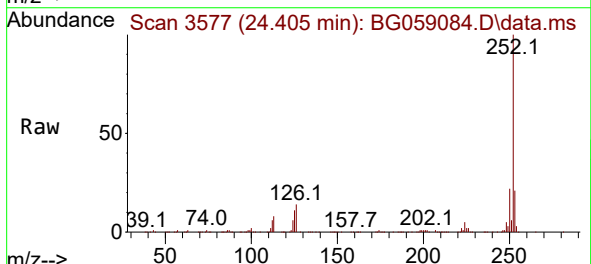
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICCC040

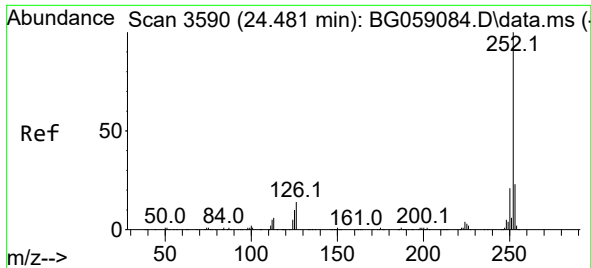
Tgt Ion:276 Resp: 607721  
Ion Ratio Lower Upper  
276 100  
138 18.7 15.0 22.4  
277 25.5 20.4 30.6



#88  
Benzo(b)fluoranthene  
Concen: 40.273 ng  
RT: 24.405 min Scan# 3577  
Delta R.T. 0.000 min  
Lab File: BG059084.D  
Acq: 18 Sep 2023 12:28

Tgt Ion:252 Resp: 541279  
Ion Ratio Lower Upper  
252 100  
253 21.2 17.0 25.4  
125 10.8 8.6 13.0

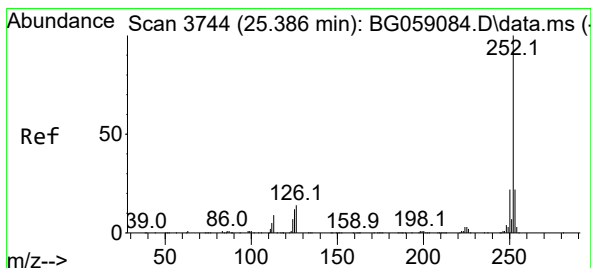
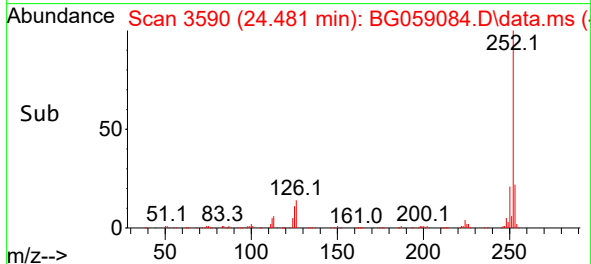
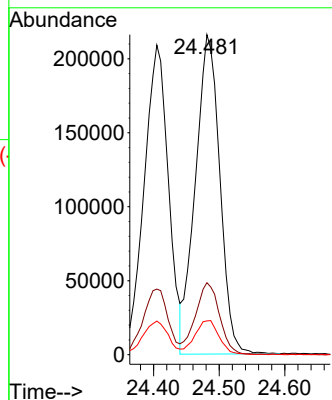
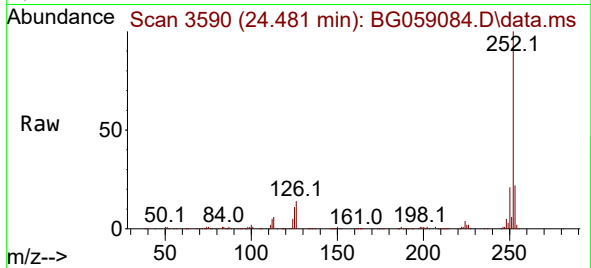




#89  
Benzo(k)fluoranthene  
Concen: 40.484 ng  
RT: 24.481 min Scan# 3590  
Delta R.T. 0.000 min  
Lab File: BG059084.D  
Acq: 18 Sep 2023 12:28

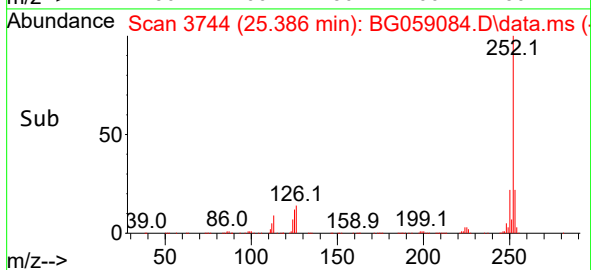
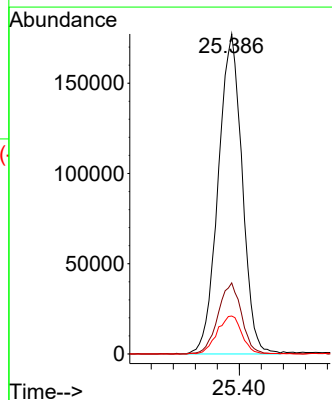
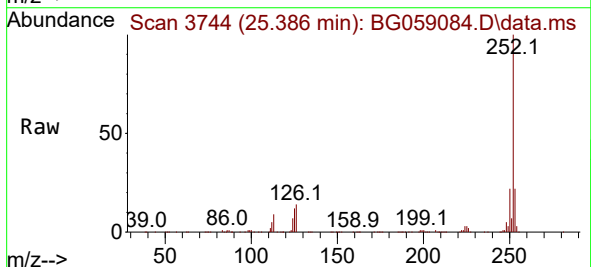
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICCC040

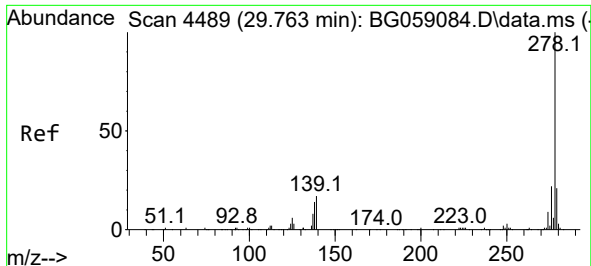
Tgt Ion:252 Resp: 559081  
Ion Ratio Lower Upper  
252 100  
253 22.5 18.0 27.0  
125 10.5 8.4 12.6



#90  
Benzo(a)pyrene  
Concen: 40.534 ng  
RT: 25.386 min Scan# 3744  
Delta R.T. 0.000 min  
Lab File: BG059084.D  
Acq: 18 Sep 2023 12:28

Tgt Ion:252 Resp: 534828  
Ion Ratio Lower Upper  
252 100  
253 22.2 17.8 26.6  
125 11.9 9.5 14.3

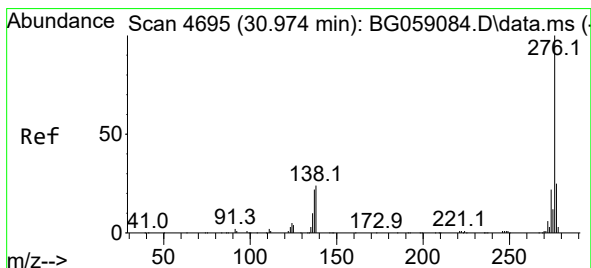
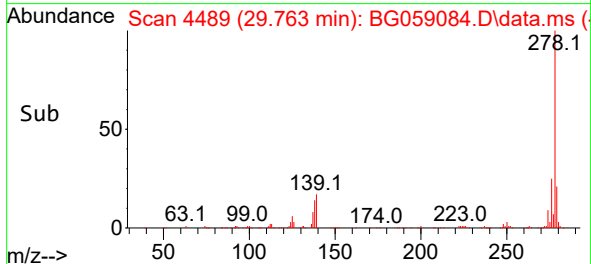
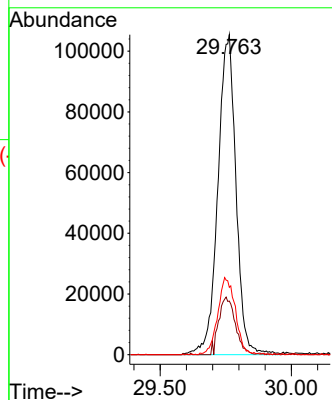
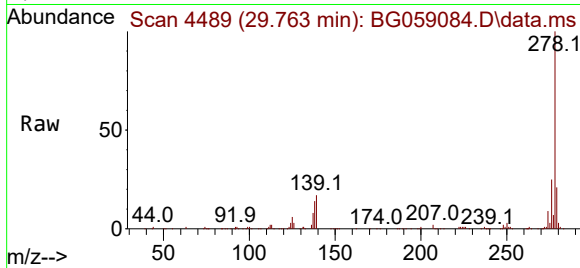




#91  
Dibenzo(a,h)anthracene  
Concen: 41.608 ng  
RT: 29.763 min Scan# 4489  
Delta R.T. 0.000 min  
Lab File: BG059084.D  
Acq: 18 Sep 2023 12:28

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICCC040

Tgt Ion:278 Resp: 505050  
Ion Ratio Lower Upper  
278 100  
139 16.7 13.4 20.0  
279 21.0 16.8 25.2



#92  
Benzo(g,h,i)perylene  
Concen: 40.218 ng  
RT: 30.974 min Scan# 4695  
Delta R.T. 0.000 min  
Lab File: BG059084.D  
Acq: 18 Sep 2023 12:28

Tgt Ion:276 Resp: 499218  
Ion Ratio Lower Upper  
276 100  
277 24.7 19.8 29.6  
138 24.1 19.3 28.9

