

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF101723\  
 Data File : BF135803.D  
 Acq On : 17 Oct 2023 10:24  
 Operator : CG\JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Quant Time: Oct 18 01:27:47 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF101323.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Oct 17 01:22:00 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.740  | 152  | 130764   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.022  | 136  | 477572   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.781  | 164  | 239691   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.275 | 188  | 466604   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 13.945 | 240  | 296425   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 15.415 | 264  | 276208   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.375  | 112  | 628608   | 77.288 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.398  | 99   | 758952   | 74.787 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.316  | 82   | 715970   | 82.454 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.581 | 330  | 198414   | 86.266 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.098  | 172  | 1221404  | 79.672 | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.874 | 244  | 1333322  | 83.299 | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.446  | 88   | 154773   | 39.452 | ng    | 99       |
| 3) Pyridine                   | 3.193  | 79   | 356749   | 37.062 | ng    | 95       |
| 4) n-Nitrosodimethylamine     | 3.175  | 42   | 203929   | 39.396 | ng    | 97       |
| 6) Aniline                    | 6.410  | 93   | 476578   | 37.317 | ng    | # 68     |
| 8) 2-Chlorophenol             | 6.534  | 128  | 333177   | 37.987 | ng    | 99       |
| 9) Benzaldehyde               | 6.298  | 77   | 218875   | 37.894 | ng    | 98       |
| 10) Phenol                    | 6.410  | 94   | 406918   | 38.268 | ng    | 98       |
| 11) bis(2-Chloroethyl)ether   | 6.487  | 93   | 324038   | 37.820 | ng    | 98       |
| 12) 1,3-Dichlorobenzene       | 6.681  | 146  | 343221   | 38.600 | ng    | 98       |
| 13) 1,4-Dichlorobenzene       | 6.757  | 146  | 341942   | 37.962 | ng    | 100      |
| 14) 1,2-Dichlorobenzene       | 6.910  | 146  | 308915   | 38.089 | ng    | 99       |
| 15) Benzyl Alcohol            | 6.898  | 79   | 260790   | 38.649 | ng    | 99       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.016  | 45   | 573008   | 36.979 | ng    | 78       |
| 17) 2-Methylphenol            | 7.010  | 107  | 285899   | 37.654 | ng    | 96       |
| 18) Hexachloroethane          | 7.240  | 117  | 124319   | 38.065 | ng    | 94       |
| 19) n-Nitroso-di-n-propyla... | 7.163  | 70   | 229762   | 36.617 | ng    | 97       |
| 20) 3+4-Methylphenols         | 7.169  | 107  | 355166   | 37.522 | ng    | 96       |
| 22) Acetophenone              | 7.157  | 105  | 451784   | 41.249 | ng    | 98       |
| 24) Nitrobenzene              | 7.334  | 77   | 357606   | 41.035 | ng    | 98       |
| 25) Isophorone                | 7.569  | 82   | 679648   | 41.489 | ng    | 99       |
| 26) 2-Nitrophenol             | 7.645  | 139  | 186530   | 43.859 | ng    | 98       |
| 27) 2,4-Dimethylphenol        | 7.687  | 122  | 295970   | 42.274 | ng    | 99       |
| 28) bis(2-Chloroethoxy)met... | 7.775  | 93   | 402808   | 41.289 | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 7.892  | 162  | 279264   | 42.564 | ng    | 98       |
| 30) 1,2,4-Trichlorobenzene    | 7.963  | 180  | 279870   | 41.706 | ng    | 99       |
| 31) Naphthalene               | 8.040  | 128  | 952399   | 40.886 | ng    | 99       |
| 32) Benzoic acid              | 7.851  | 122  | 209094m  | 44.120 | ng    |          |
| 33) 4-Chloroaniline           | 8.104  | 127  | 420978   | 41.372 | ng    | 97       |
| 34) Hexachlorobutadiene       | 8.151  | 225  | 162455   | 40.899 | ng    | 98       |
| 35) Caprolactam               | 8.498  | 113  | 96889    | 43.197 | ng    | # 87     |
| 36) 4-Chloro-3-methylphenol   | 8.598  | 107  | 311740   | 42.844 | ng    | 99       |
| 37) 2-Methylnaphthalene       | 8.734  | 142  | 637213   | 41.520 | ng    | 98       |
| 38) 1-Methylnaphthalene       | 8.834  | 142  | 589363   | 41.636 | ng    | 100      |
| 40) 1,2,4,5-Tetrachloroben... | 8.904  | 216  | 293598   | 42.582 | ng    | 100      |
| 41) Hexachlorocyclopentadiene | 8.881  | 237  | 33825    | 42.354 | ng    | 95       |
| 43) 2,4,6-Trichlorophenol     | 9.022  | 196  | 192948   | 43.427 | ng    | 98       |

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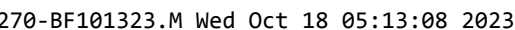
Instrument :  
 BNA\_F  
 ClientSampleId :  
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Quant Time: Oct 18 01:27:47 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF101323.M  
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 QLast Update : Tue Oct 17 01:22:00 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.075  | 196  | 224201   | 43.385 | ng    | 99       |
| 46) 1,1'-Biphenyl             | 9.204  | 154  | 765814   | 41.709 | ng    | 98       |
| 47) 2-Chloronaphthalene       | 9.228  | 162  | 548641   | 41.461 | ng    | 98       |
| 48) 2-Nitroaniline            | 9.339  | 65   | 219499   | 42.024 | ng    | 97       |
| 49) Acenaphthylene            | 9.639  | 152  | 887150   | 40.512 | ng    | 100      |
| 50) Dimethylphthalate         | 9.510  | 163  | 671952   | 41.528 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 9.586  | 165  | 145720   | 41.879 | ng    | # 79     |
| 52) Acenaphthene              | 9.816  | 154  | 535987   | 40.836 | ng    | 99       |
| 53) 3-Nitroaniline            | 9.757  | 138  | 179470   | 42.075 | ng    | 100      |
| 54) 2,4-Dinitrophenol         | 9.881  | 184  | 57787    | 39.785 | ng    | 97       |
| 55) Dibenzofuran              | 9.986  | 168  | 804126   | 40.603 | ng    | 100      |
| 56) 4-Nitrophenol             | 9.945  | 139  | 84006    | 45.525 | ng    | 97       |
| 57) 2,4-Dinitrotoluene        | 9.998  | 165  | 186385   | 42.104 | ng    | 98       |
| 58) Fluorene                  | 10.333 | 166  | 651234   | 42.003 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.116 | 232  | 178437   | 45.690 | ng    | 96       |
| 60) Diethylphthalate          | 10.210 | 149  | 693577   | 41.987 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 10.322 | 204  | 315455   | 42.098 | ng    | 97       |
| 62) 4-Nitroaniline            | 10.381 | 138  | 170968   | 43.563 | ng    | 97       |
| 63) Azobenzene                | 10.486 | 77   | 681852   | 42.486 | ng    | 97       |
| 65) 4,6-Dinitro-2-methylph... | 10.416 | 198  | 106161   | 45.209 | ng    | 85       |
| 66) n-Nitrosodiphenylamine    | 10.451 | 169  | 587769   | 41.328 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 10.816 | 248  | 202118   | 43.152 | ng    | 96       |
| 68) Hexachlorobenzene         | 10.886 | 284  | 207018   | 43.412 | ng    | 96       |
| 69) Atrazine                  | 10.980 | 200  | 164341   | 42.483 | ng    | 97       |
| 70) Pentachlorophenol         | 11.092 | 266  | 92046    | 48.940 | ng    | 96       |
| 71) Phenanthrene              | 11.304 | 178  | 902291   | 40.366 | ng    | 99       |
| 72) Anthracene                | 11.357 | 178  | 939149   | 40.546 | ng    | 100      |
| 73) Carbazole                 | 11.516 | 167  | 880748   | 40.771 | ng    | 99       |
| 74) Di-n-butylphthalate       | 11.839 | 149  | 1079189  | 40.689 | ng    | 100      |
| 75) Fluoranthene              | 12.498 | 202  | 996031   | 40.149 | ng    | 98       |
| 77) Benzidine                 | 12.627 | 184  | 270285   | 41.786 | ng    | 99       |
| 78) Pyrene                    | 12.727 | 202  | 1016366  | 43.148 | ng    | 100      |
| 80) Butylbenzylphthalate      | 13.351 | 149  | 444087   | 42.902 | ng    | 97       |
| 81) Benzo(a)anthracene        | 13.933 | 228  | 816714   | 41.947 | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine    | 13.892 | 252  | 260582   | 40.354 | ng    | 98       |
| 83) Chrysene                  | 13.969 | 228  | 775744   | 41.135 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 13.910 | 149  | 592845   | 42.258 | ng    | 98       |
| 85) Di-n-octyl phthalate      | 14.527 | 149  | 908026   | 40.817 | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 16.927 | 276  | 599572   | 39.839 | ng    | 98       |
| 88) Benzo(b)fluoranthene      | 14.986 | 252  | 621928   | 40.232 | ng    | 98       |
| 89) Benzo(k)fluoranthene      | 15.016 | 252  | 638768   | 42.562 | ng    | 99       |
| 90) Benzo(a)pyrene            | 15.357 | 252  | 590631   | 40.632 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 16.927 | 278  | 490600   | 39.765 | ng    | 97       |
| 92) Benzo(g,h,i)perylene      | 17.374 | 276  | 494700   | 39.035 | ng    | 98       |

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

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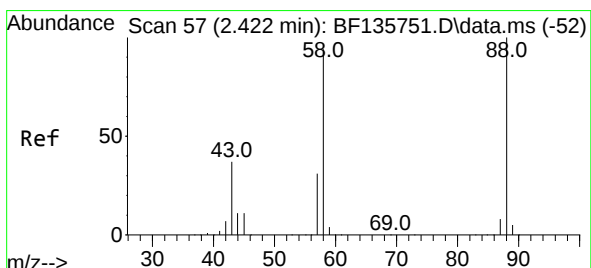
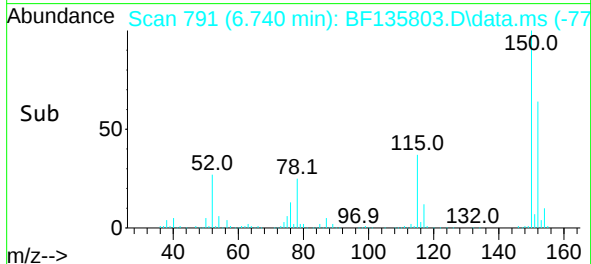
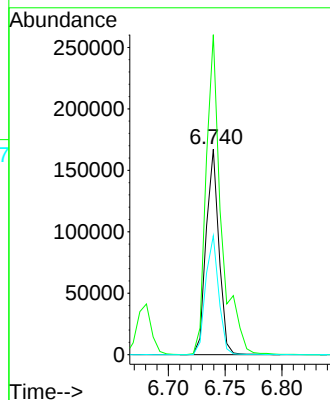
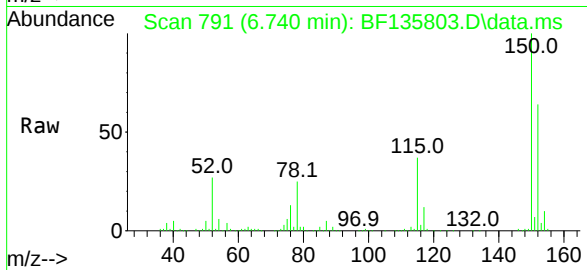




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.740 min Scan# 791  
 Delta R.T. -0.006 min  
 Lab File: BF135803.D  
 Acq: 17 Oct 2023 10:24

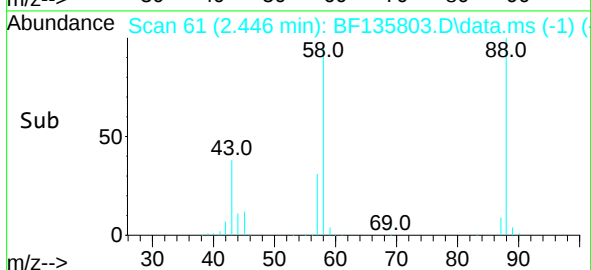
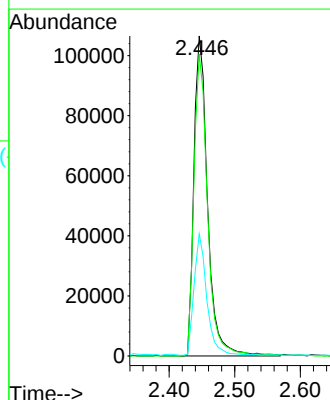
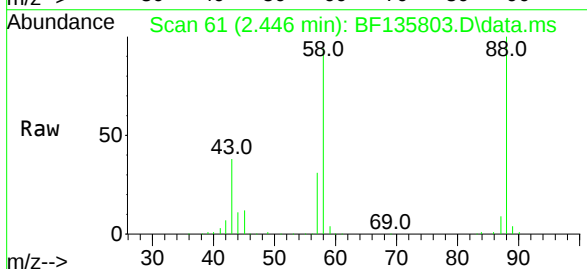
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

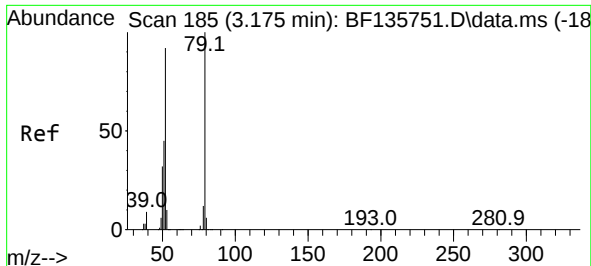
Tgt Ion:152 Resp: 130764  
 Ion Ratio Lower Upper  
 152 100  
 150 155.8 124.5 186.7  
 115 57.9 49.0 73.4



#2  
 1,4-Dioxane  
 Concen: 39.452 ng  
 RT: 2.446 min Scan# 61  
 Delta R.T. 0.006 min  
 Lab File: BF135803.D  
 Acq: 17 Oct 2023 10:24

Tgt Ion: 88 Resp: 154773  
 Ion Ratio Lower Upper  
 88 100  
 58 94.2 76.1 114.1  
 43 35.6 29.8 44.8

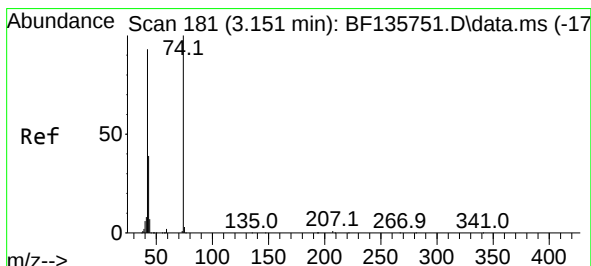
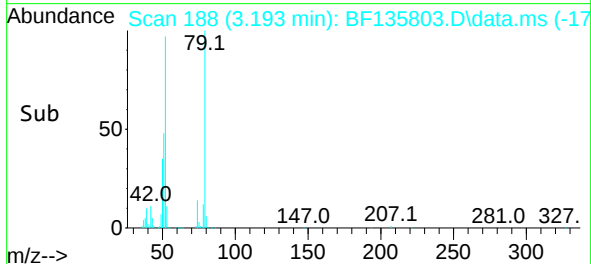
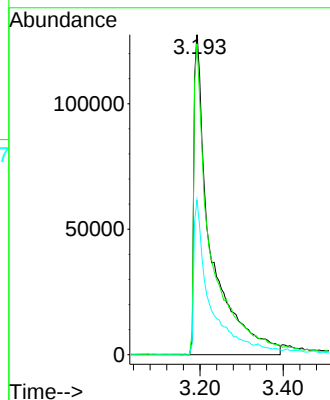
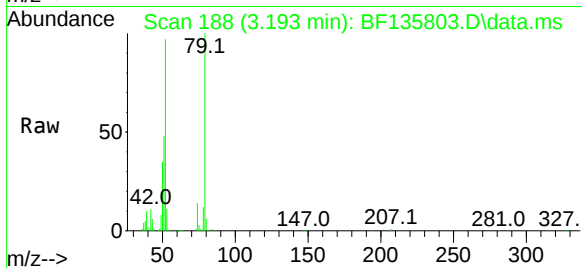




#3  
Pyridine  
Concen: 37.062 ng  
RT: 3.193 min Scan# 188  
Delta R.T. 0.006 min  
Lab File: BF135803.D  
Acq: 17 Oct 2023 10:24

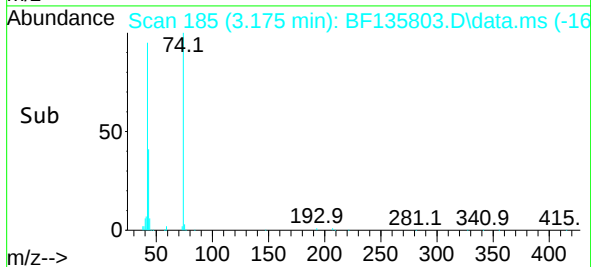
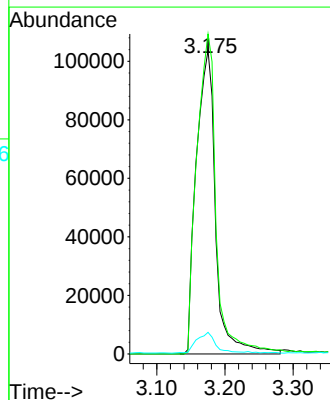
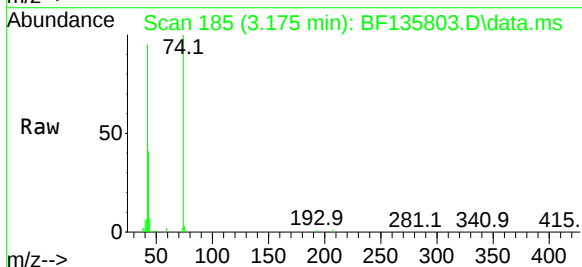
Instrument :  
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ClientSampleId :  
SSTDCCC040

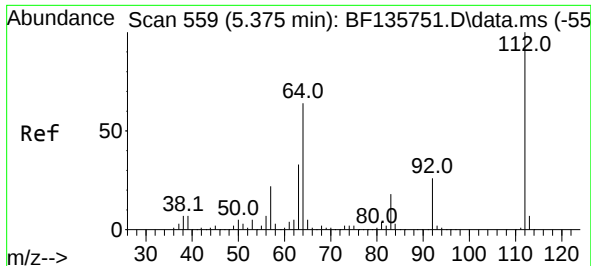
Tgt Ion: 79 Resp: 356749  
Ion Ratio Lower Upper  
79 100  
52 97.2 73.4 110.2  
51 48.4 36.5 54.7



#4  
n-Nitrosodimethylamine  
Concen: 39.396 ng  
RT: 3.175 min Scan# 185  
Delta R.T. 0.006 min  
Lab File: BF135803.D  
Acq: 17 Oct 2023 10:24

Tgt Ion: 42 Resp: 203929  
Ion Ratio Lower Upper  
42 100  
74 105.3 86.5 129.7  
44 7.1 5.9 8.9

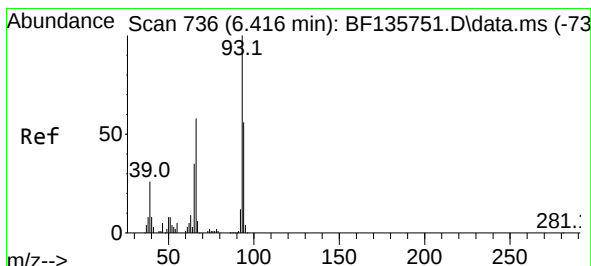
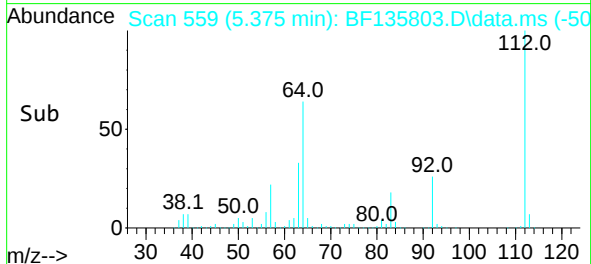
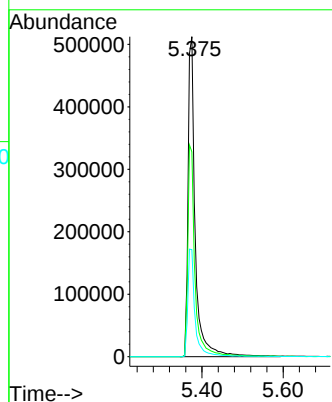
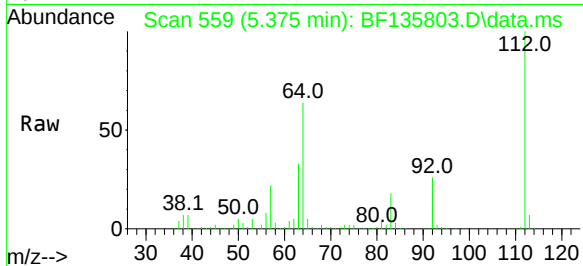




#5  
2-Fluorophenol  
Concen: 77.288 ng  
RT: 5.375 min Scan# 511  
Delta R.T. -0.000 min  
Lab File: BF135803.D  
Acq: 17 Oct 2023 10:24

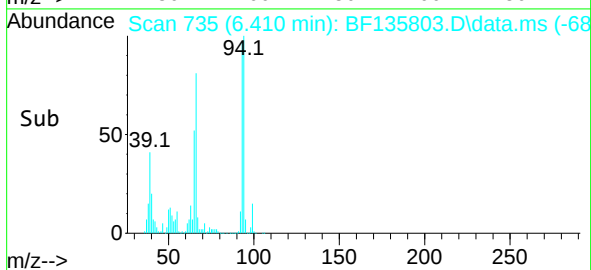
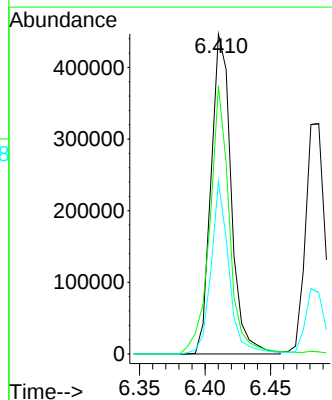
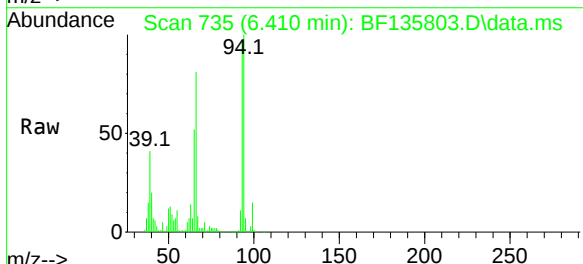
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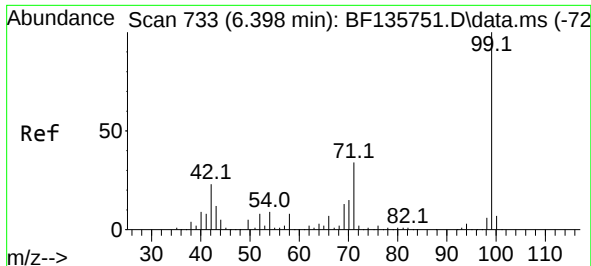
Tgt Ion:112 Resp: 628608  
Ion Ratio Lower Upper  
112 100  
64 64.0 51.2 76.8  
63 33.4 26.1 39.1



#6  
Aniline  
Concen: 37.317 ng  
RT: 6.410 min Scan# 735  
Delta R.T. -0.006 min  
Lab File: BF135803.D  
Acq: 17 Oct 2023 10:24

Tgt Ion: 93 Resp: 476578  
Ion Ratio Lower Upper  
93 100  
66 83.8 47.6 71.4#  
65 54.0 28.5 42.7#

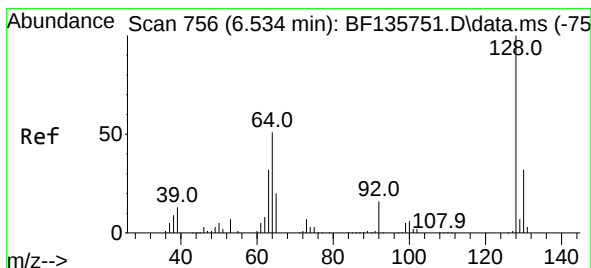
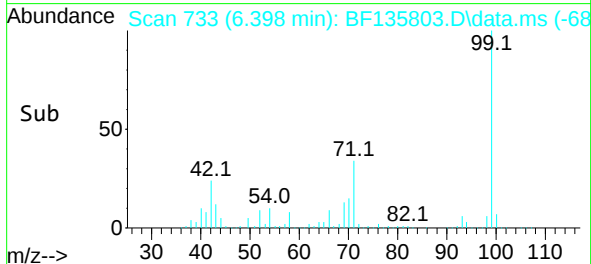
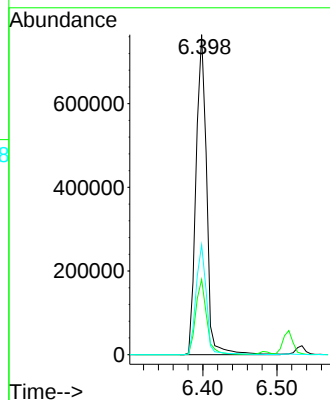
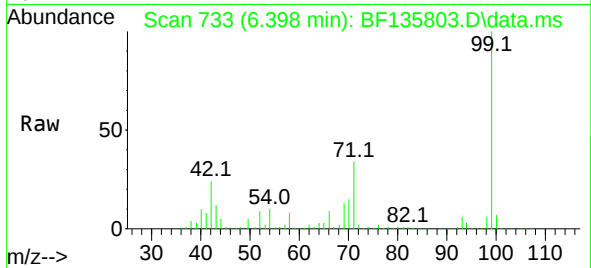




#7  
Phenol-d6  
Concen: 74.787 ng  
RT: 6.398 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: BF135803.D  
Acq: 17 Oct 2023 10:24

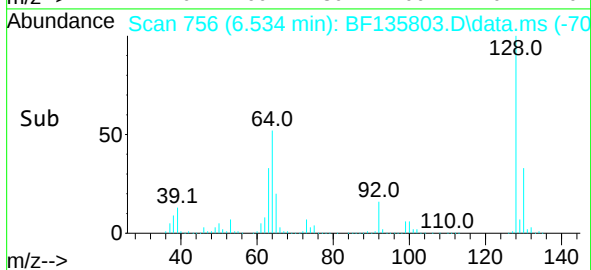
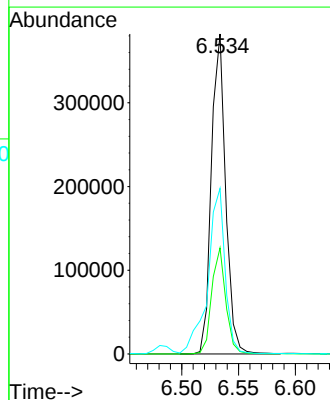
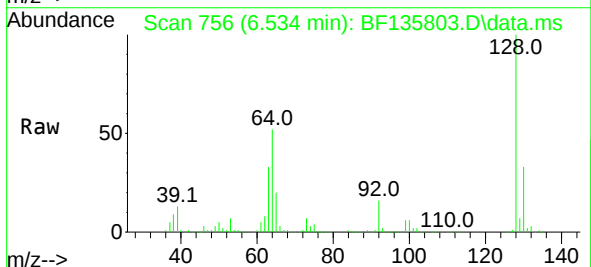
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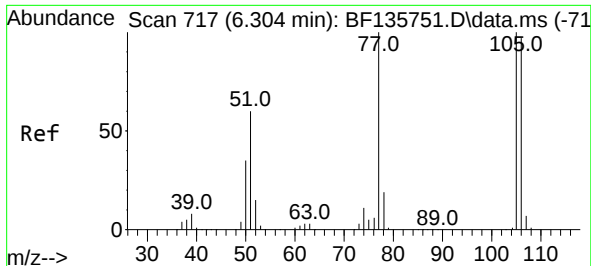
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Ion Ratio Lower Upper  
99 100  
42 23.5 18.4 27.6  
71 34.3 27.2 40.8



#8  
2-Chlorophenol  
Concen: 37.987 ng  
RT: 6.534 min Scan# 756  
Delta R.T. -0.000 min  
Lab File: BF135803.D  
Acq: 17 Oct 2023 10:24

Tgt Ion: 128 Resp: 333177  
Ion Ratio Lower Upper  
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130 33.2 12.4 52.4  
64 51.8 32.3 72.3

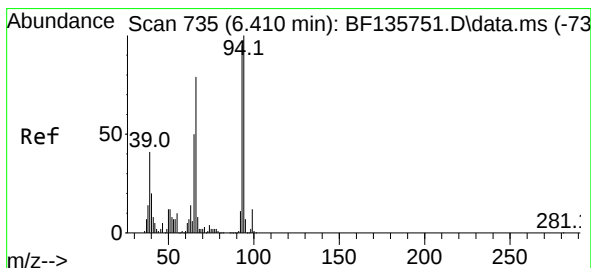
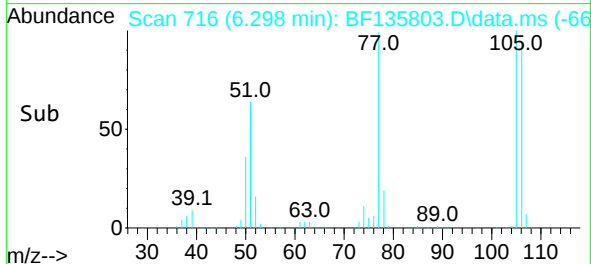
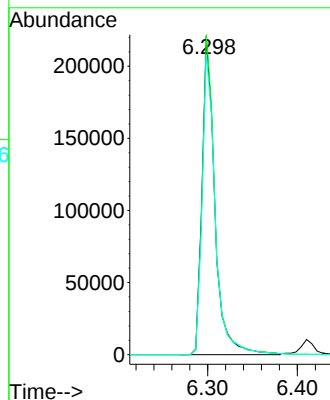
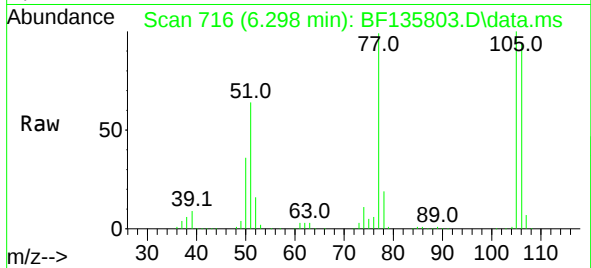




#9  
Benzaldehyde  
Concen: 37.894 ng  
RT: 6.298 min Scan# 716  
Delta R.T. -0.006 min  
Lab File: BF135803.D  
Acq: 17 Oct 2023 10:24

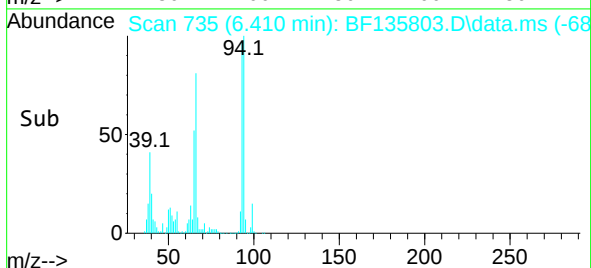
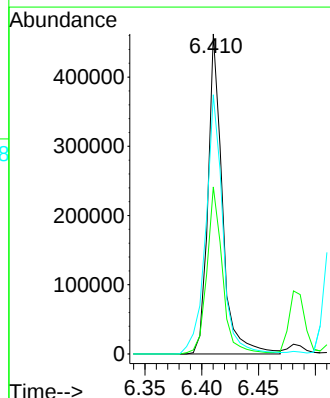
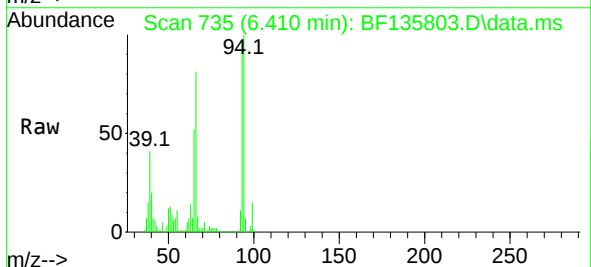
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

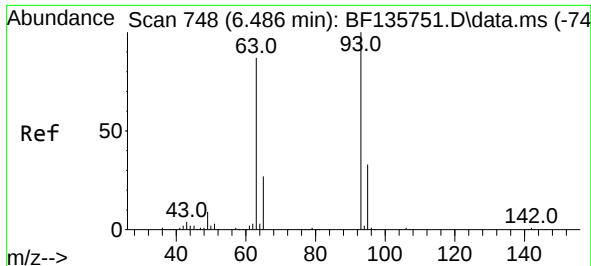
Tgt Ion: 77 Resp: 218875  
Ion Ratio Lower Upper  
77 100  
105 100.5 79.9 119.9  
106 94.3 77.1 117.1



#10  
Phenol  
Concen: 38.268 ng  
RT: 6.410 min Scan# 735  
Delta R.T. -0.006 min  
Lab File: BF135803.D  
Acq: 17 Oct 2023 10:24

Tgt Ion: 94 Resp: 406918  
Ion Ratio Lower Upper  
94 100  
65 52.2 30.3 70.3  
66 81.0 59.1 99.1



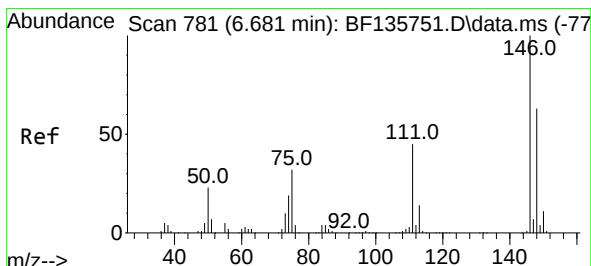
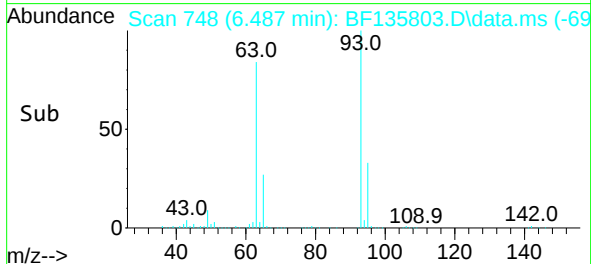
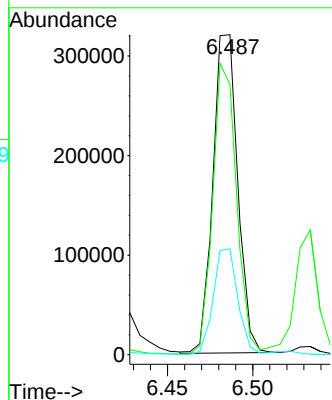
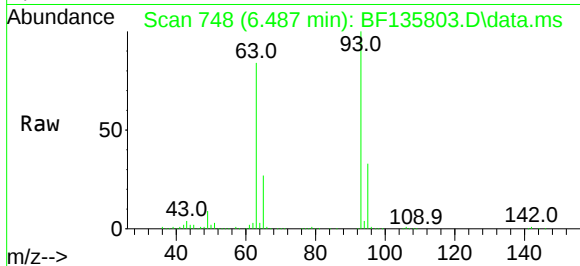


#11  
bis(2-Chloroethyl)ether  
Concen: 37.820 ng  
RT: 6.487 min Scan# 748  
Delta R.T. -0.000 min  
Lab File: BF135803.D  
Acq: 17 Oct 2023 10:24

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion: 93 Resp: 324038

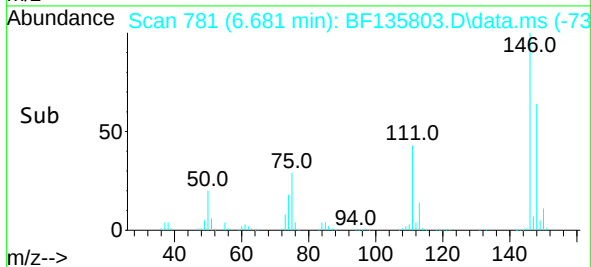
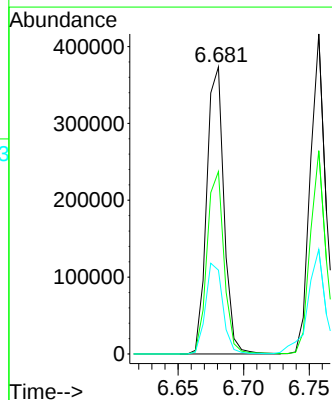
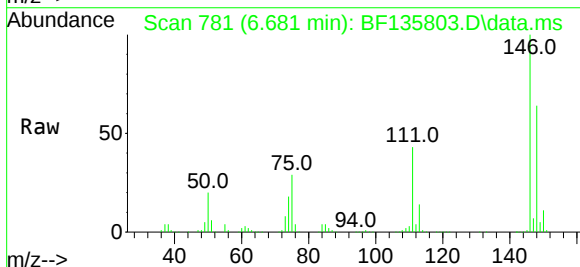
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 93  | 100   |       |       |
| 63  | 84.4  | 66.3  | 106.3 |
| 95  | 33.1  | 12.8  | 52.8  |

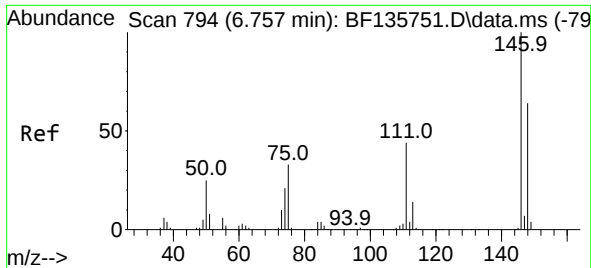


#12  
1,3-Dichlorobenzene  
Concen: 38.600 ng  
RT: 6.681 min Scan# 781  
Delta R.T. -0.000 min  
Lab File: BF135803.D  
Acq: 17 Oct 2023 10:24

Tgt Ion: 146 Resp: 343221

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 146 | 100   |       |       |
| 148 | 63.5  | 50.2  | 75.4  |
| 75  | 29.2  | 25.8  | 38.6  |





#13

1,4-Dichlorobenzene

Concen: 37.962 ng

RT: 6.757 min Scan# 794

Delta R.T. -0.000 min

Lab File: BF135803.D

Acq: 17 Oct 2023 10:24

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

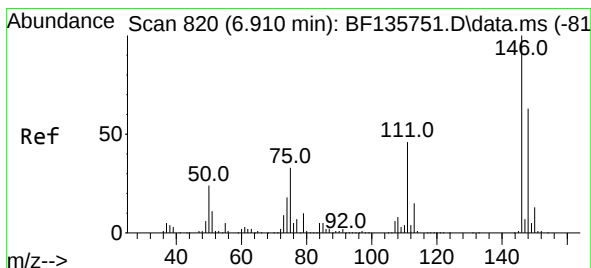
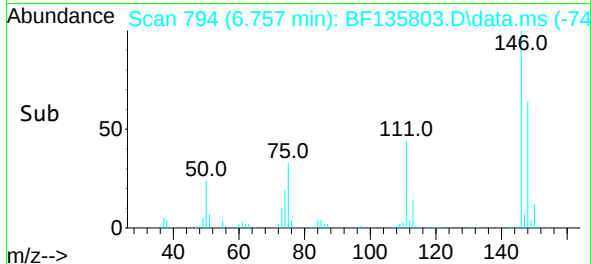
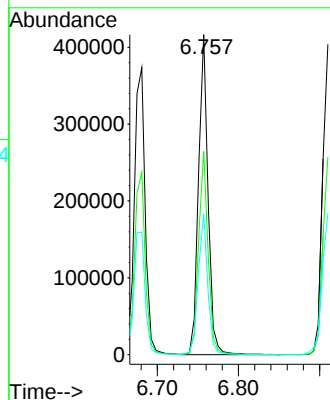
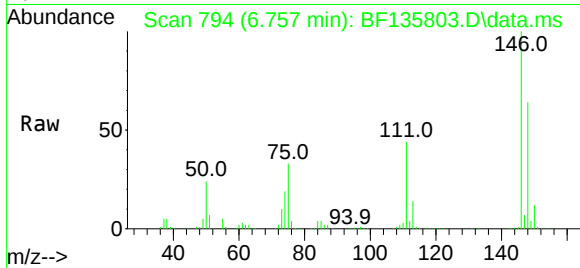
Tgt Ion:146 Resp: 341942

Ion Ratio Lower Upper

146 100

148 63.5 51.0 76.6

111 44.1 35.2 52.8



#14

1,2-Dichlorobenzene

Concen: 38.089 ng

RT: 6.910 min Scan# 820

Delta R.T. -0.000 min

Lab File: BF135803.D

Acq: 17 Oct 2023 10:24

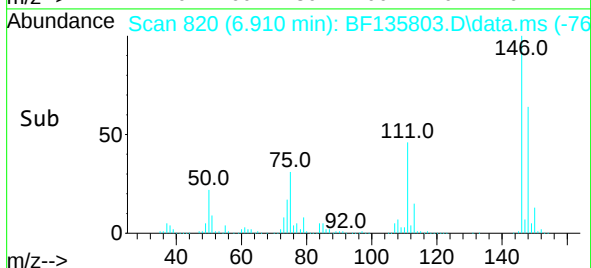
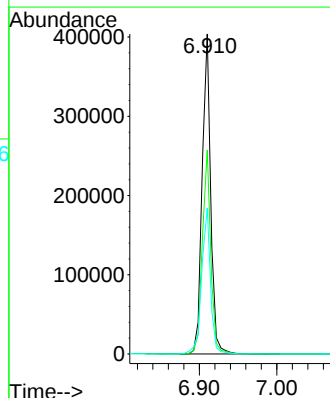
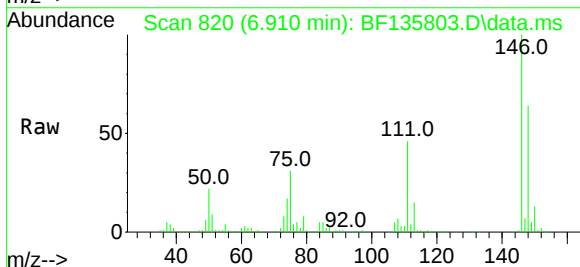
Tgt Ion:146 Resp: 308915

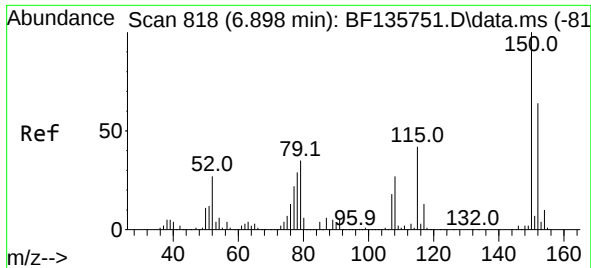
Ion Ratio Lower Upper

146 100

148 63.7 50.2 75.2

111 45.6 37.1 55.7

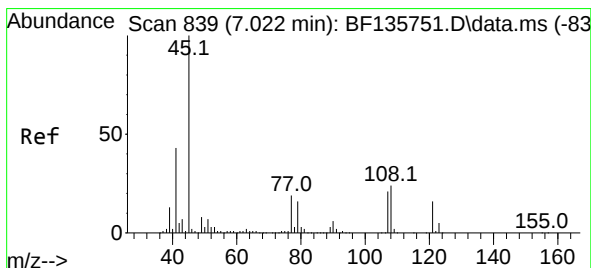
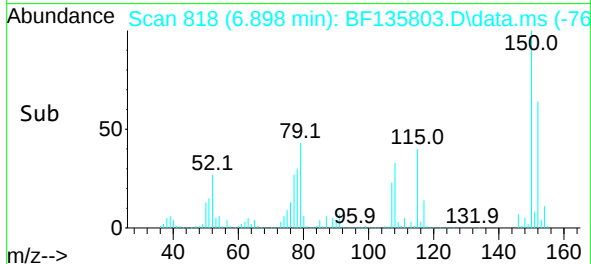
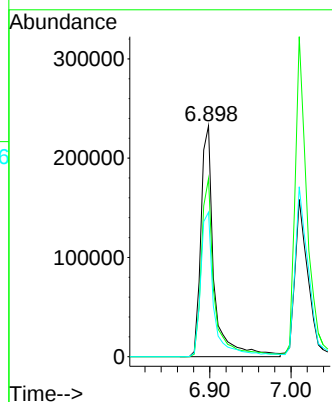
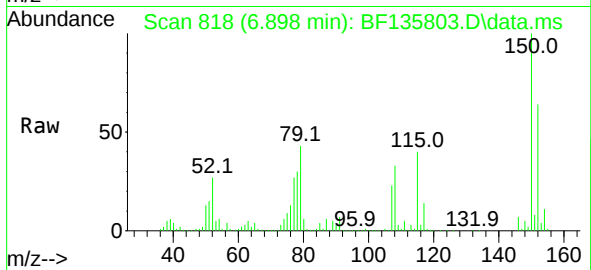




#15  
Benzyl Alcohol  
Concen: 38.649 ng  
RT: 6.898 min Scan# 818  
Delta R.T. -0.000 min  
Lab File: BF135803.D  
Acq: 17 Oct 2023 10:24

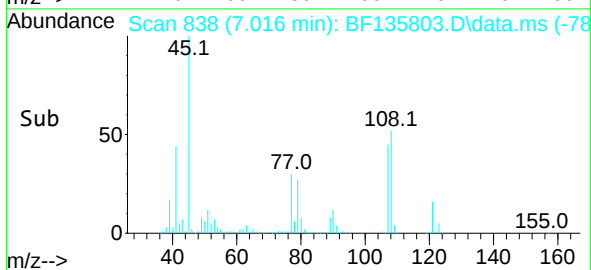
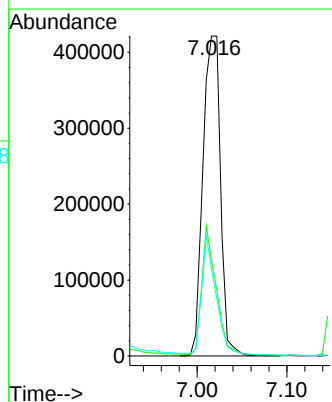
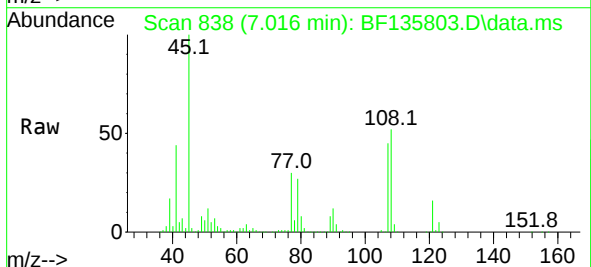
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

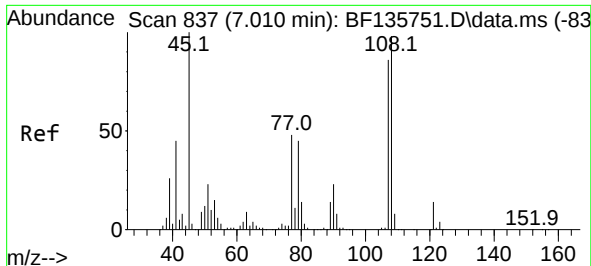
Tgt Ion: 79 Resp: 260790  
Ion Ratio Lower Upper  
79 100  
108 77.1 62.0 93.0  
77 62.6 50.5 75.7



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 36.979 ng  
RT: 7.016 min Scan# 838  
Delta R.T. -0.006 min  
Lab File: BF135803.D  
Acq: 17 Oct 2023 10:24

Tgt Ion: 45 Resp: 573008  
Ion Ratio Lower Upper  
45 100  
77 29.7 0.0 39.8  
79 27.1 0.0 37.6

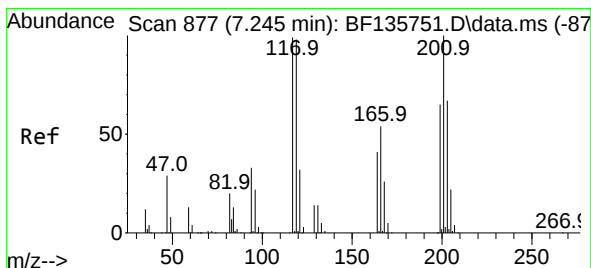
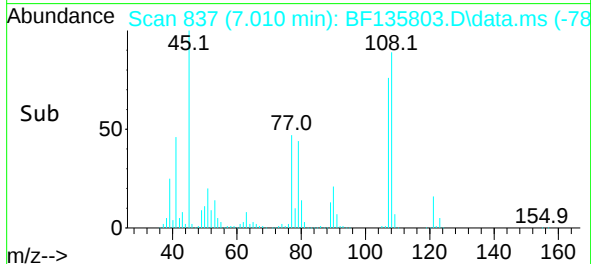
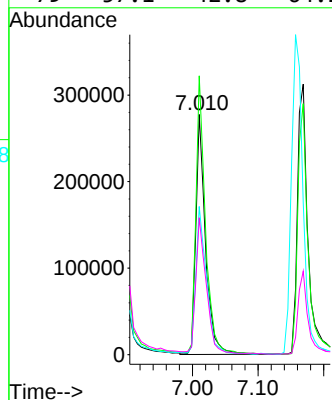
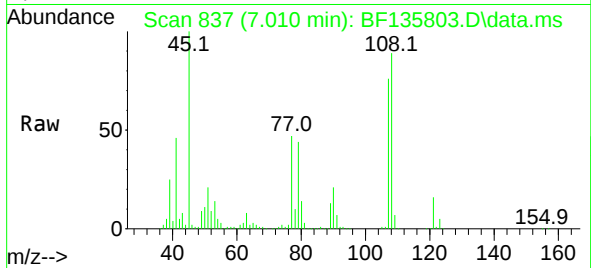




#17  
2-Methylphenol  
Concen: 37.654 ng  
RT: 7.010 min Scan# 811  
Delta R.T. -0.006 min  
Lab File: BF135803.D  
Acq: 17 Oct 2023 10:24

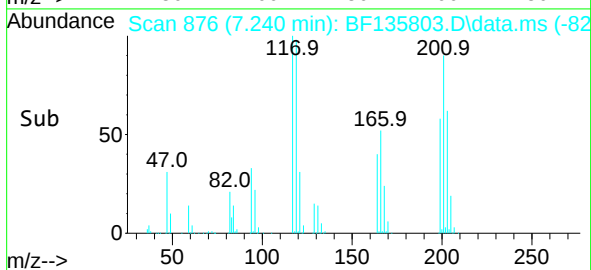
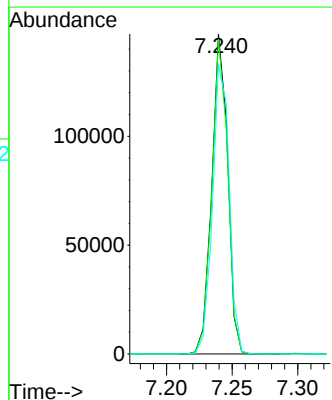
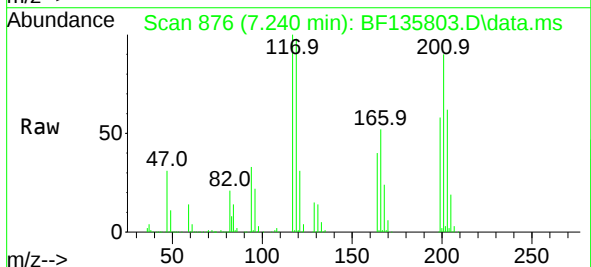
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

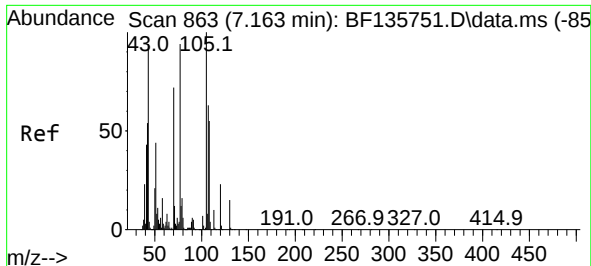
Tgt Ion:107 Resp: 285899  
Ion Ratio Lower Upper  
107 100  
108 116.2 91.8 137.6  
77 61.7 45.4 68.0  
79 57.1 42.8 64.2



#18  
Hexachloroethane  
Concen: 38.065 ng  
RT: 7.240 min Scan# 876  
Delta R.T. -0.006 min  
Lab File: BF135803.D  
Acq: 17 Oct 2023 10:24

Tgt Ion:117 Resp: 124319  
Ion Ratio Lower Upper  
117 100  
119 98.3 79.5 119.3  
201 90.2 80.9 121.3

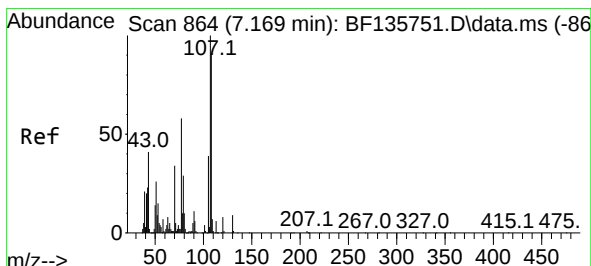
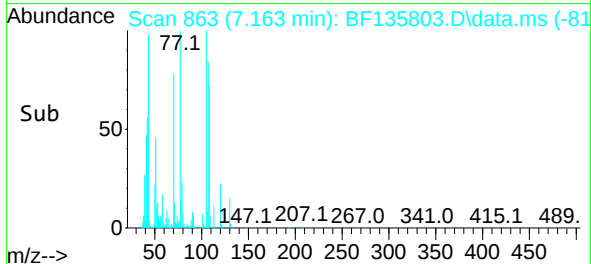
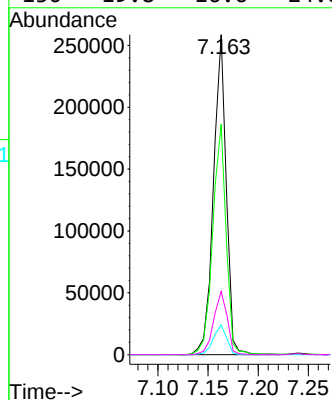
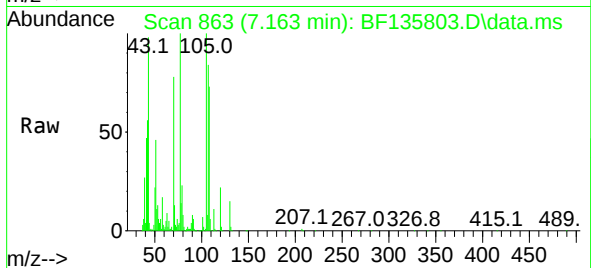




#19  
n-Nitroso-di-n-propylamine  
Concen: 36.617 ng  
RT: 7.163 min Scan# 863  
Delta R.T. -0.000 min  
Lab File: BF135803.D  
Acq: 17 Oct 2023 10:24

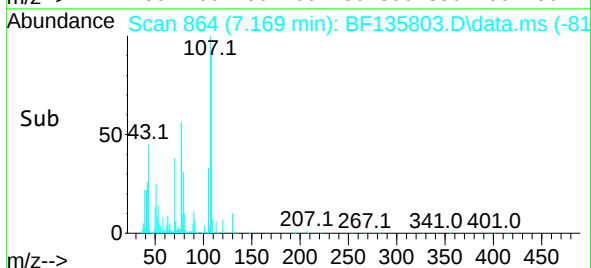
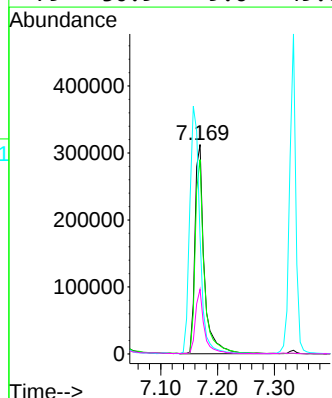
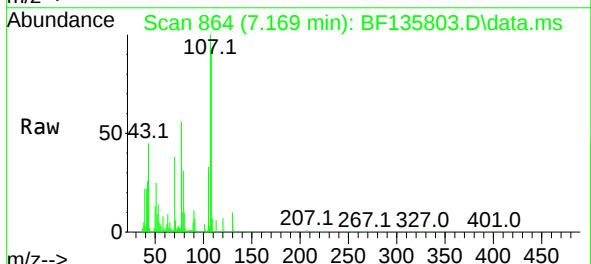
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

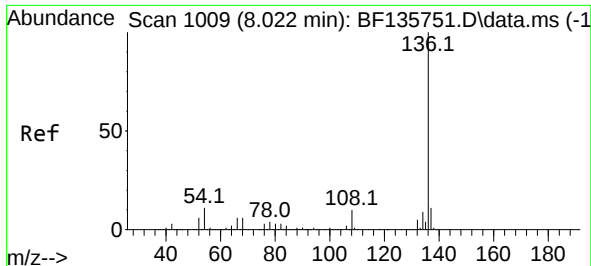
Tgt Ion: 70 Resp: 229762  
Ion Ratio Lower Upper  
70 100  
42 72.0 59.8 89.6  
101 9.3 7.4 11.2  
130 19.8 16.6 24.8



#20  
3+4-Methylphenols  
Concen: 37.522 ng  
RT: 7.169 min Scan# 864  
Delta R.T. -0.000 min  
Lab File: BF135803.D  
Acq: 17 Oct 2023 10:24

Tgt Ion: 107 Resp: 355166  
Ion Ratio Lower Upper  
107 100  
108 92.8 71.1 111.1  
77 56.0 42.0 82.0  
79 30.9 9.6 49.6

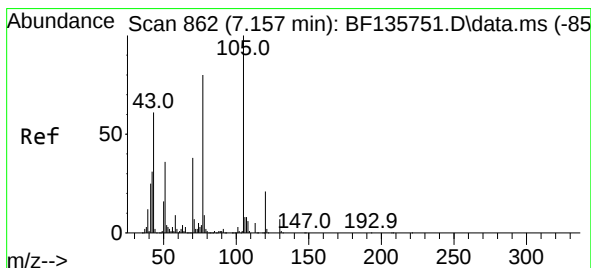
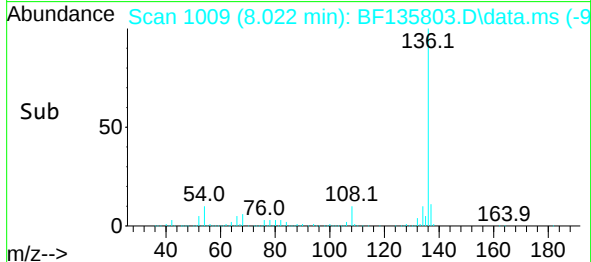
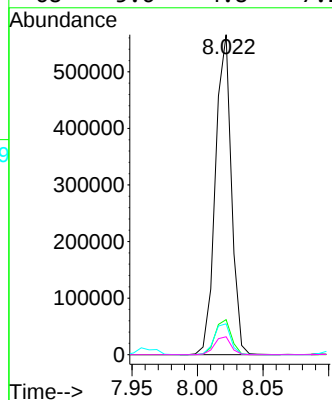
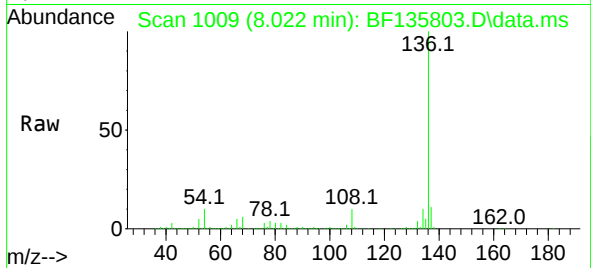




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.022 min Scan# 1009  
Delta R.T. -0.000 min  
Lab File: BF135803.D  
Acq: 17 Oct 2023 10:24

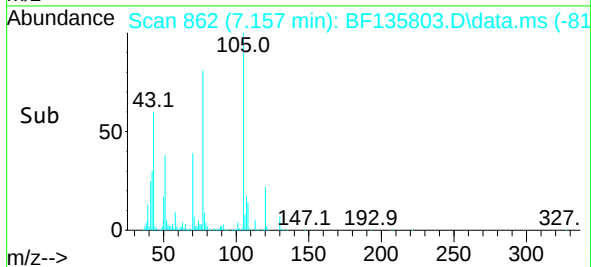
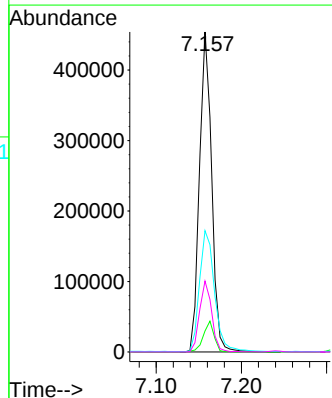
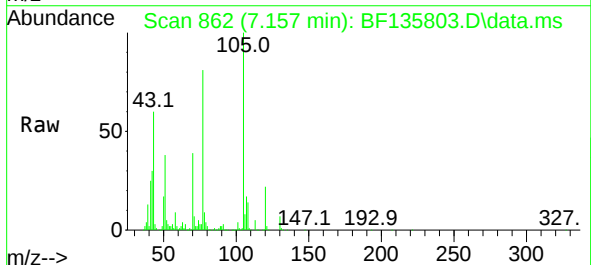
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

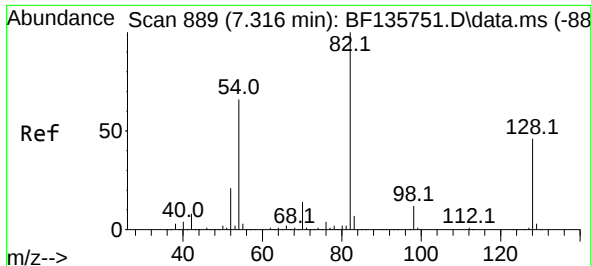
Tgt Ion:136 Resp: 477572  
Ion Ratio Lower Upper  
136 100  
137 10.9 8.6 12.8  
54 9.6 8.5 12.7  
68 5.6 4.8 7.2



#22  
Acetophenone  
Concen: 41.249 ng  
RT: 7.157 min Scan# 862  
Delta R.T. -0.000 min  
Lab File: BF135803.D  
Acq: 17 Oct 2023 10:24

Tgt Ion:105 Resp: 451784  
Ion Ratio Lower Upper  
105 100  
71 6.6 5.4 8.0  
51 37.9 29.4 44.0  
120 22.2 16.9 25.3





#23

Nitrobenzene-d5

Concen: 82.454 ng

RT: 7.316 min Scan# 889

Delta R.T. -0.000 min

Lab File: BF135803.D

Acq: 17 Oct 2023 10:24

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

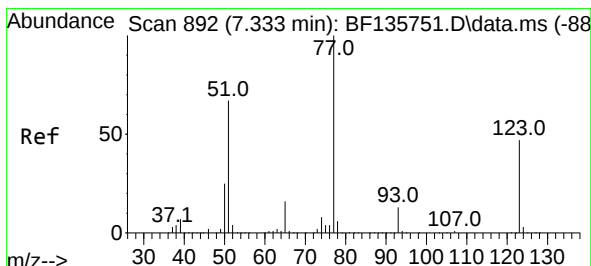
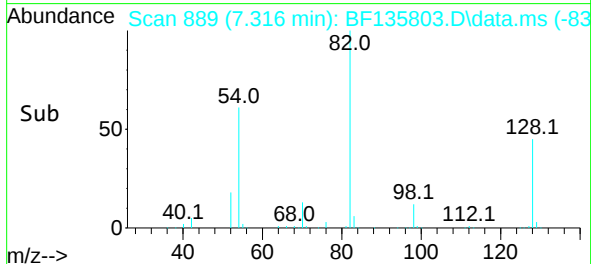
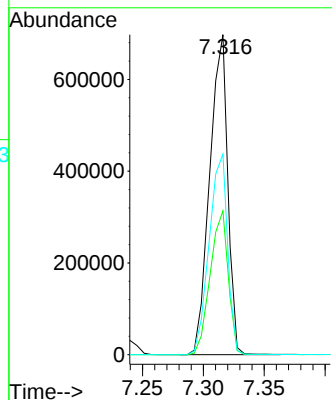
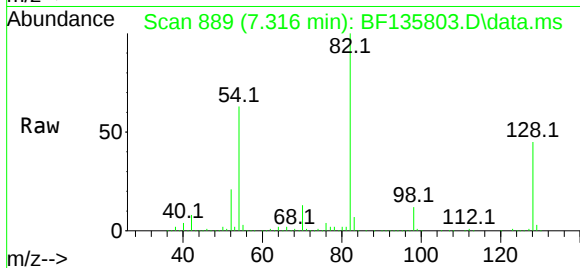
Tgt Ion: 82 Resp: 715970

Ion Ratio Lower Upper

82 100

128 45.0 37.0 55.6

54 62.7 52.8 79.2



#24

Nitrobenzene

Concen: 41.035 ng

RT: 7.334 min Scan# 892

Delta R.T. -0.000 min

Lab File: BF135803.D

Acq: 17 Oct 2023 10:24

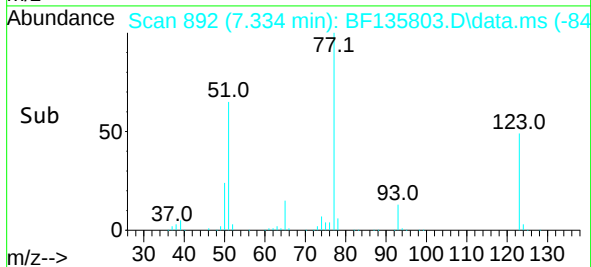
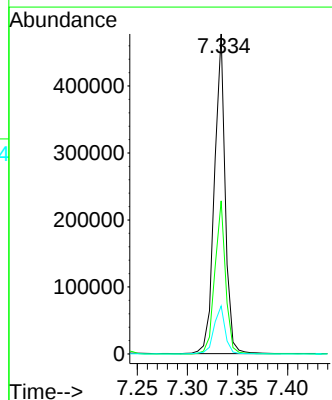
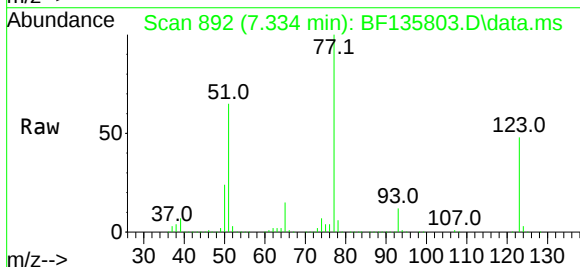
Tgt Ion: 77 Resp: 357606

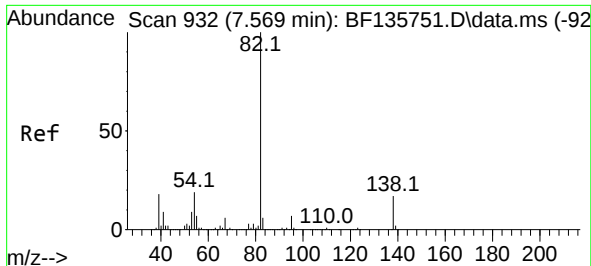
Ion Ratio Lower Upper

77 100

123 47.9 37.3 55.9

65 15.0 12.6 18.8

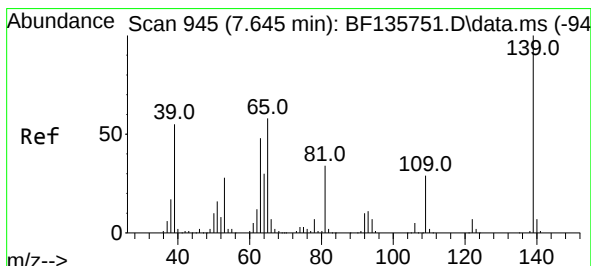
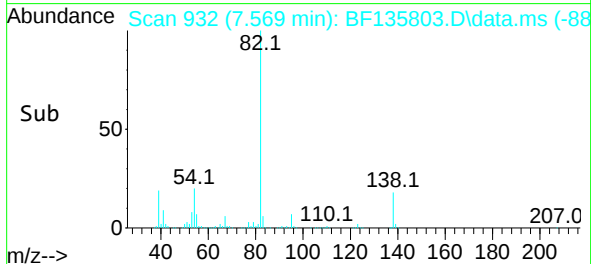
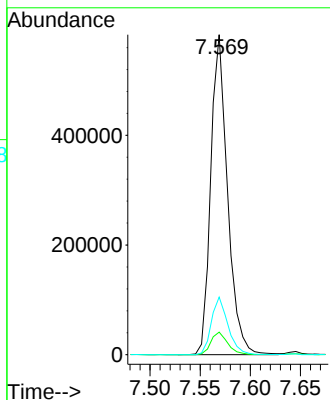
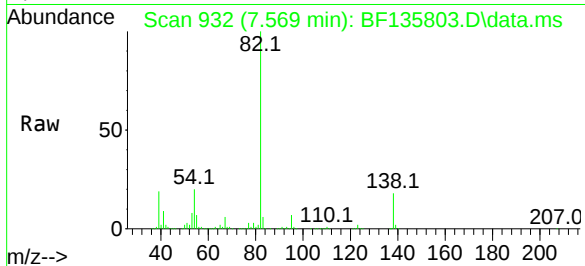




#25  
Isophorone  
Concen: 41.489 ng  
RT: 7.569 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: BF135803.D  
Acq: 17 Oct 2023 10:24

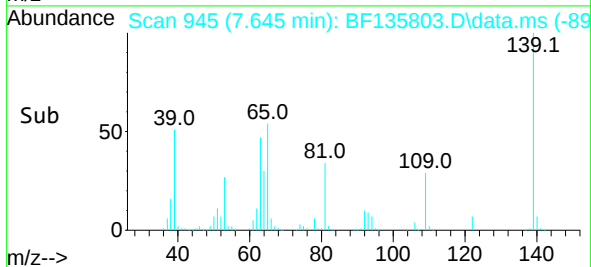
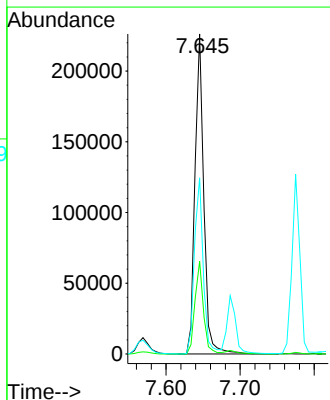
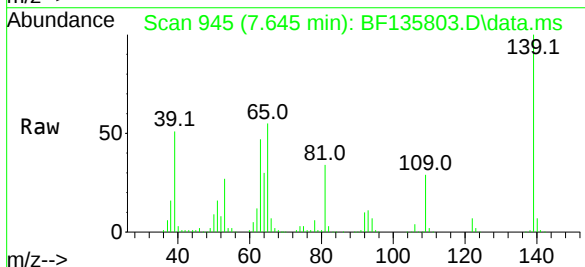
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

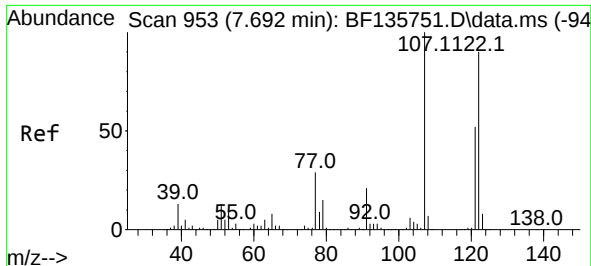
Tgt Ion: 82 Resp: 679648  
Ion Ratio Lower Upper  
82 100  
95 7.1 5.5 8.3  
138 18.0 13.9 20.9



#26  
2-Nitrophenol  
Concen: 43.859 ng  
RT: 7.645 min Scan# 945  
Delta R.T. -0.000 min  
Lab File: BF135803.D  
Acq: 17 Oct 2023 10:24

Tgt Ion:139 Resp: 186530  
Ion Ratio Lower Upper  
139 100  
109 29.0 23.0 34.4  
65 55.1 46.0 69.0





#27

2,4-Dimethylphenol

Concen: 42.274 ng

RT: 7.687 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF135803.D

Acq: 17 Oct 2023 10:24

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

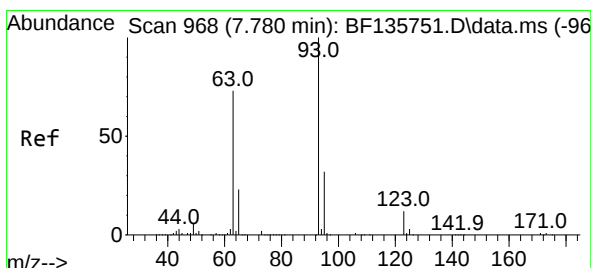
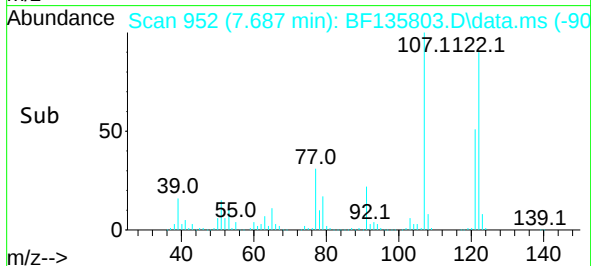
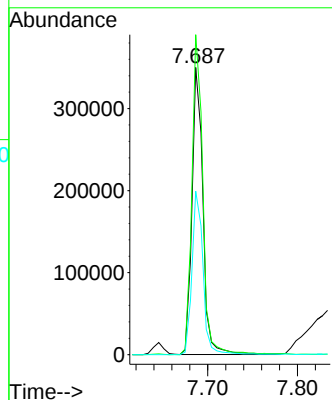
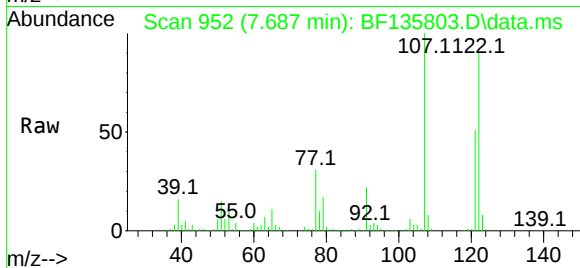
Tgt Ion:122 Resp: 295970

Ion Ratio Lower Upper

122 100

107 111.4 88.2 132.4

121 56.9 45.5 68.3



#28

bis(2-Chloroethoxy)methane

Concen: 41.289 ng

RT: 7.775 min Scan# 967

Delta R.T. -0.006 min

Lab File: BF135803.D

Acq: 17 Oct 2023 10:24

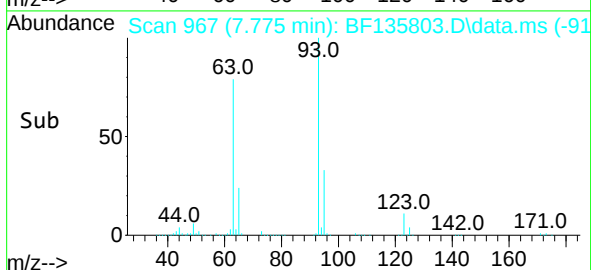
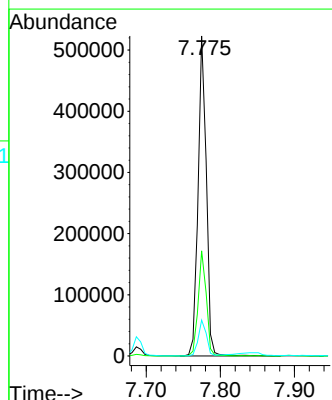
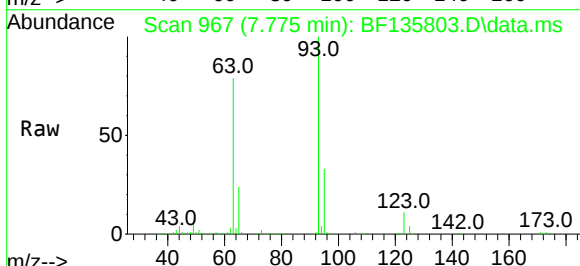
Tgt Ion: 93 Resp: 402808

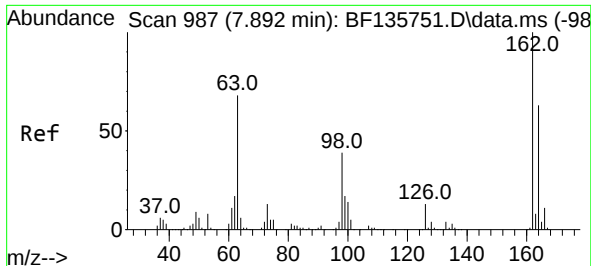
Ion Ratio Lower Upper

93 100

95 32.8 25.7 38.5

123 11.2 9.4 14.0

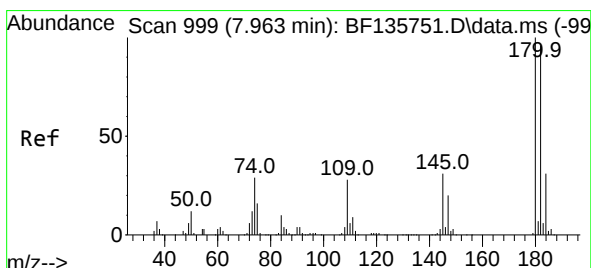
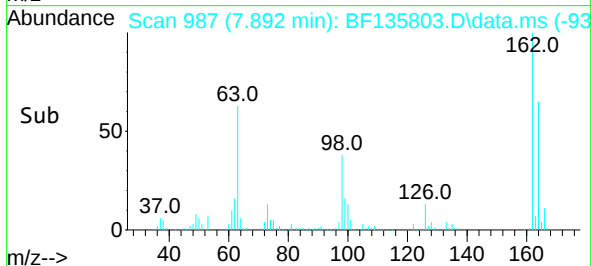
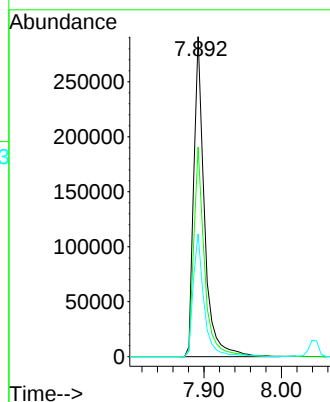
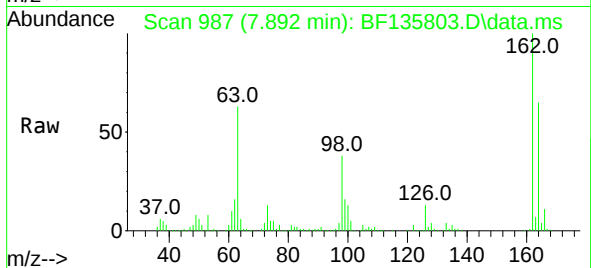




#29  
2,4-Dichlorophenol  
Concen: 42.564 ng  
RT: 7.892 min Scan# 987  
Delta R.T. -0.000 min  
Lab File: BF135803.D  
Acq: 17 Oct 2023 10:24

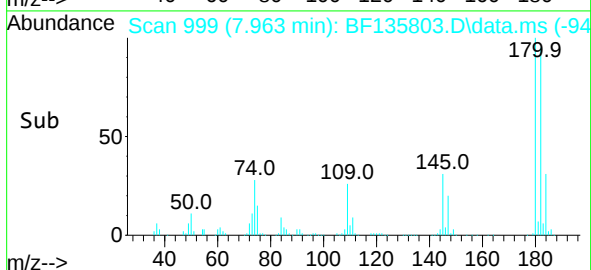
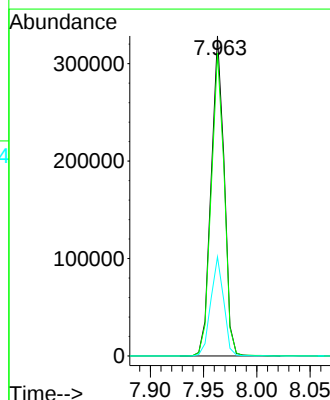
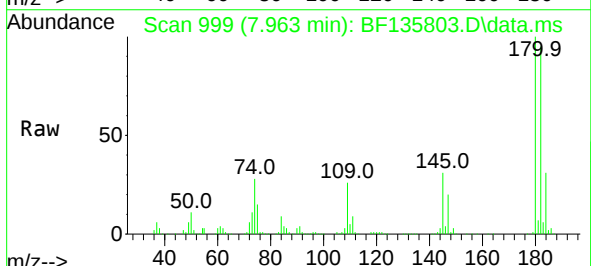
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

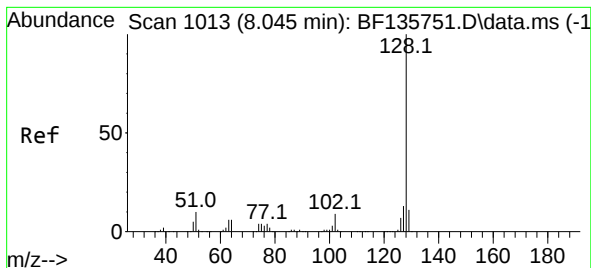
Tgt Ion:162 Resp: 279264  
Ion Ratio Lower Upper  
162 100  
164 65.4 43.4 83.4  
98 38.3 19.0 59.0



#30  
1,2,4-Trichlorobenzene  
Concen: 41.706 ng  
RT: 7.963 min Scan# 999  
Delta R.T. -0.006 min  
Lab File: BF135803.D  
Acq: 17 Oct 2023 10:24

Tgt Ion:180 Resp: 279870  
Ion Ratio Lower Upper  
180 100  
182 94.7 76.4 114.6  
145 31.0 25.0 37.6





#31

Naphthalene

Concen: 40.886 ng

RT: 8.040 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF135803.D

Acq: 17 Oct 2023 10:24

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

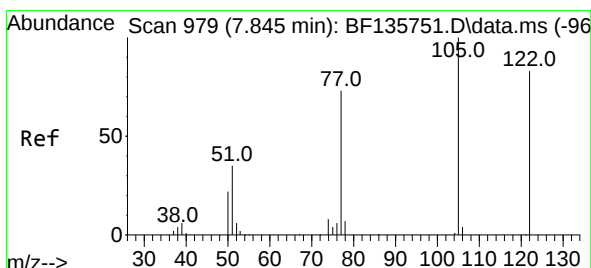
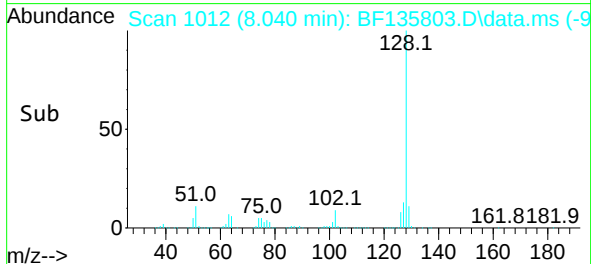
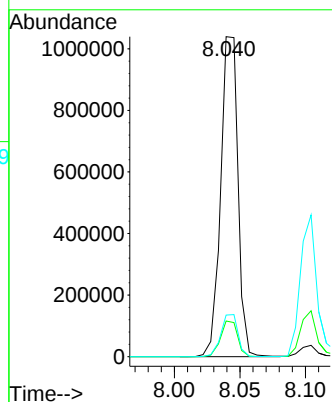
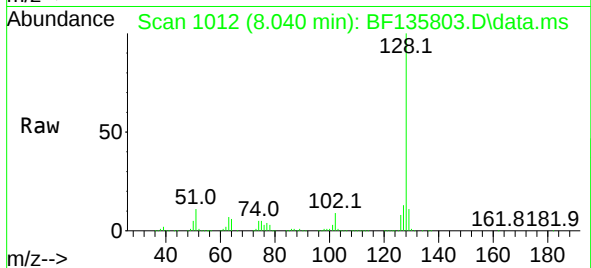
Tgt Ion:128 Resp: 952399

Ion Ratio Lower Upper

128 100

129 11.2 8.7 13.1

127 13.0 10.2 15.4



#32

Benzoic acid

Concen: 44.120 ng m

RT: 7.851 min Scan# 980

Delta R.T. -0.000 min

Lab File: BF135803.D

Acq: 17 Oct 2023 10:24

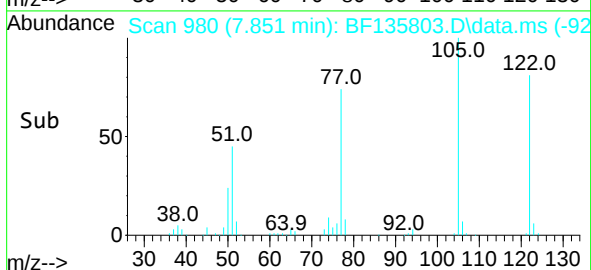
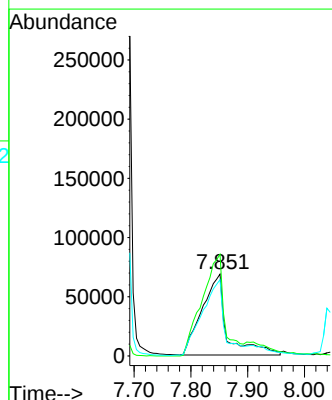
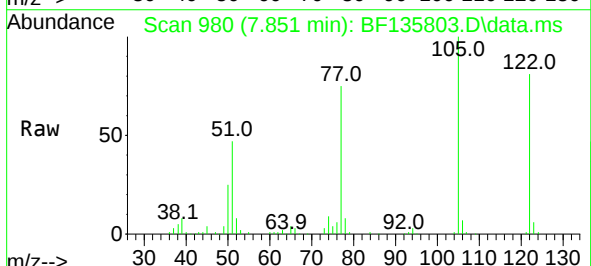
Tgt Ion:122 Resp: 209094

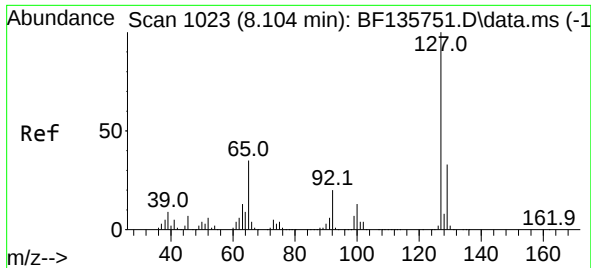
Ion Ratio Lower Upper

122 100

105 124.0 98.7 138.7

77 93.3 67.8 107.8

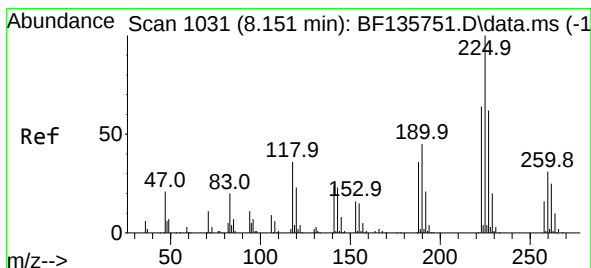
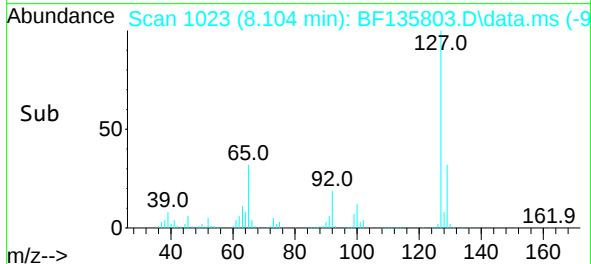
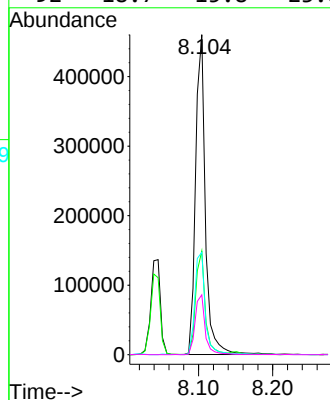
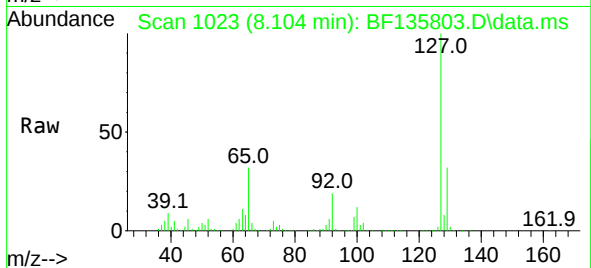




#33  
4-Chloroaniline  
Concen: 41.372 ng  
RT: 8.104 min Scan# 1023  
Delta R.T. -0.000 min  
Lab File: BF135803.D  
Acq: 17 Oct 2023 10:24

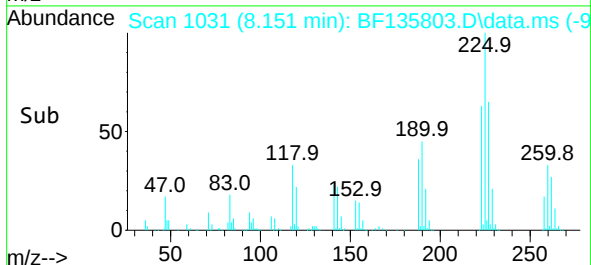
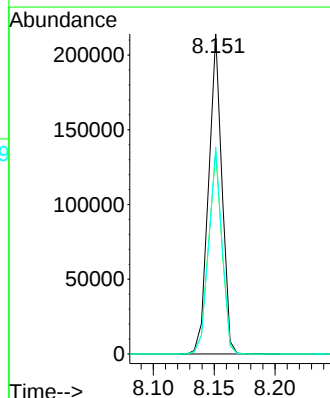
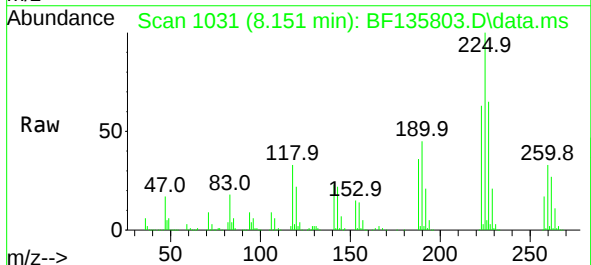
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

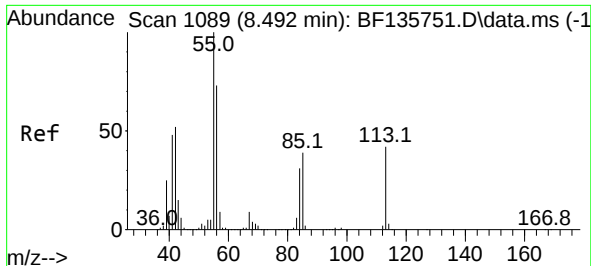
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 127   | Resp: | 420978 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 32.4  | 26.5  | 39.7   |
| 65       | 32.0  | 27.9  | 41.9   |
| 92       | 18.7  | 15.8  | 23.8   |



#34  
Hexachlorobutadiene  
Concen: 40.899 ng  
RT: 8.151 min Scan# 1031  
Delta R.T. -0.006 min  
Lab File: BF135803.D  
Acq: 17 Oct 2023 10:24

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 162455 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 63.5  | 51.1  | 76.7   |
| 227      | 64.6  | 49.7  | 74.5   |

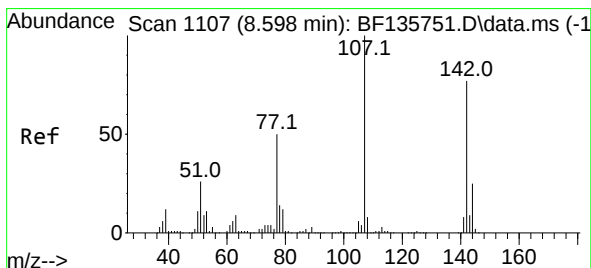
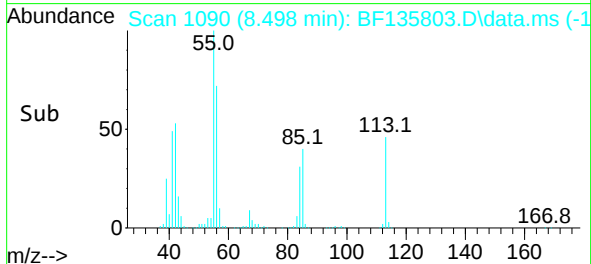
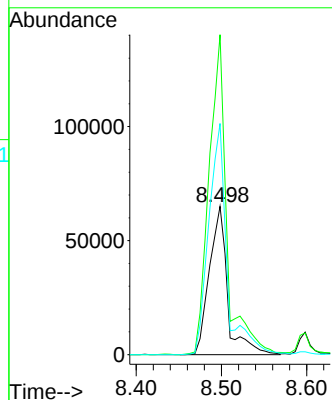
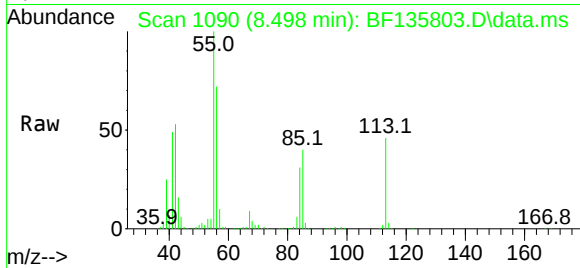




#35  
Caprolactam  
Concen: 43.197 ng  
RT: 8.498 min Scan# 1089  
Delta R.T. -0.000 min  
Lab File: BF135803.D  
Acq: 17 Oct 2023 10:24

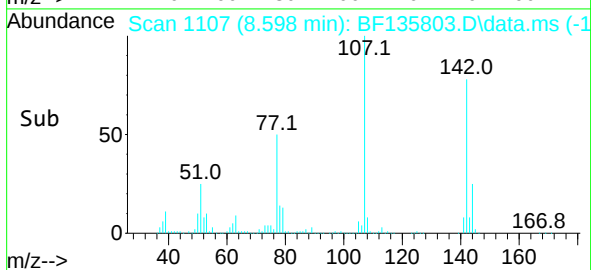
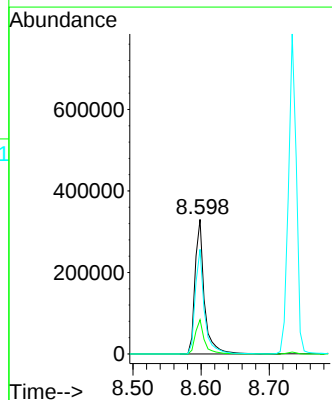
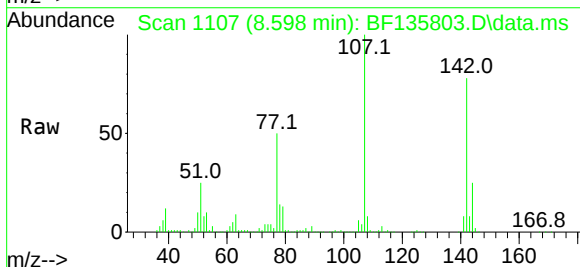
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

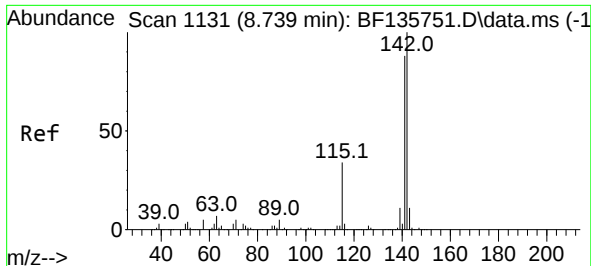
Tgt Ion:113 Resp: 96889  
Ion Ratio Lower Upper  
113 100  
55 215.8 217.4 257.4#  
56 155.9 153.1 193.1



#36  
4-Chloro-3-methylphenol  
Concen: 42.844 ng  
RT: 8.598 min Scan# 1107  
Delta R.T. -0.000 min  
Lab File: BF135803.D  
Acq: 17 Oct 2023 10:24

Tgt Ion:107 Resp: 311740  
Ion Ratio Lower Upper  
107 100  
144 25.4 19.8 29.8  
142 77.7 61.3 91.9





#37

2-Methylnaphthalene

Concen: 41.520 ng

RT: 8.734 min Scan# 1131

Delta R.T. -0.006 min

Lab File: BF135803.D

Acq: 17 Oct 2023 10:24

Instrument :

BNA\_F

ClientSampleId :

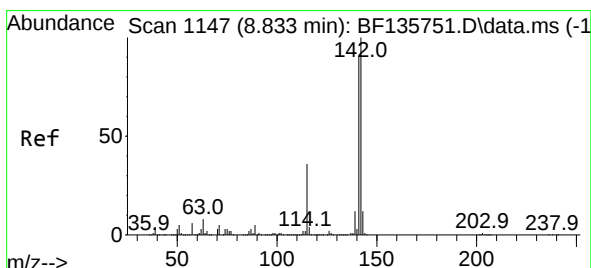
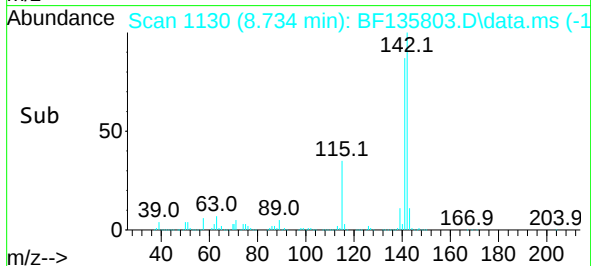
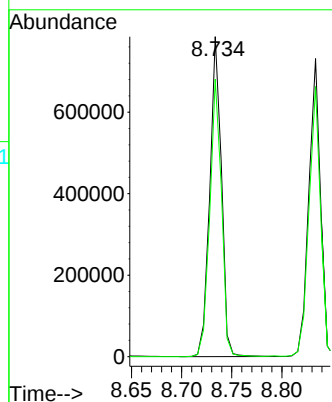
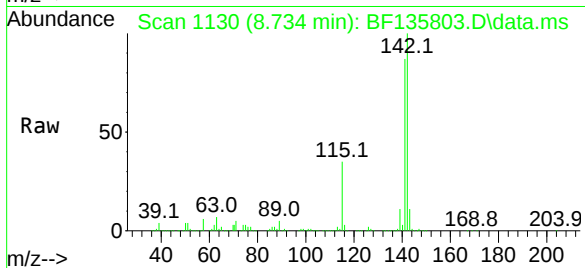
SSTDCCC040

Tgt Ion:142 Resp: 637213

Ion Ratio Lower Upper

142 100

141 86.7 70.6 105.8



#38

1-Methylnaphthalene

Concen: 41.636 ng

RT: 8.834 min Scan# 1147

Delta R.T. -0.006 min

Lab File: BF135803.D

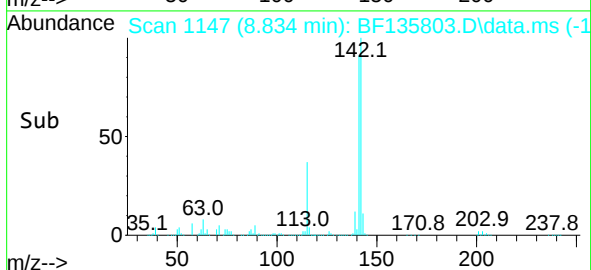
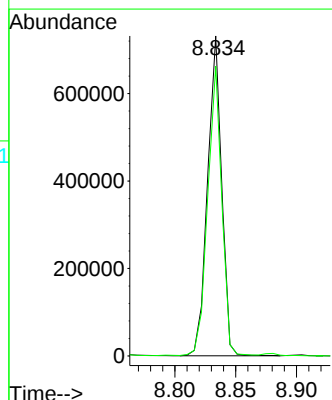
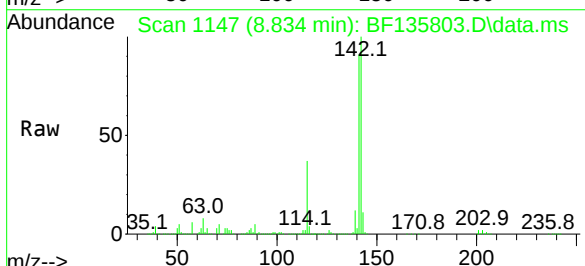
Acq: 17 Oct 2023 10:24

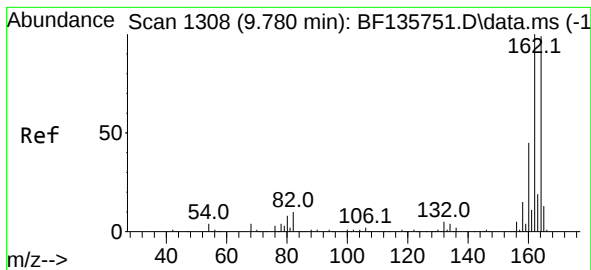
Tgt Ion:142 Resp: 589363

Ion Ratio Lower Upper

142 100

141 90.6 72.7 109.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.781 min Scan# 1159

Delta R.T. -0.006 min

Lab File: BF135803.D

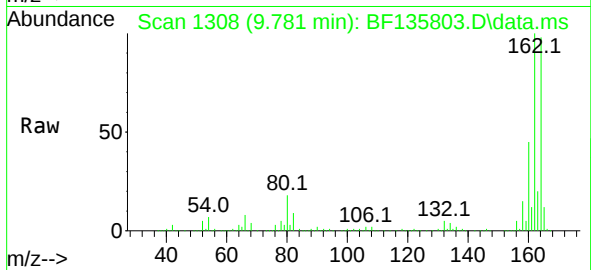
Acq: 17 Oct 2023 10:24

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040



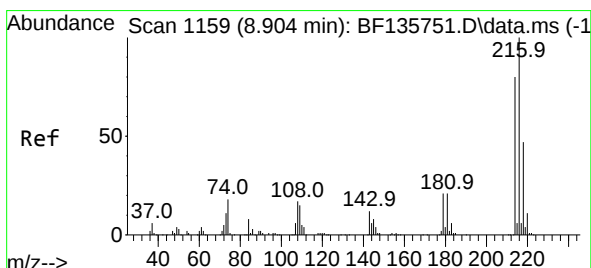
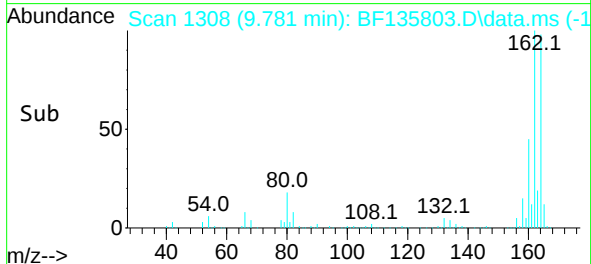
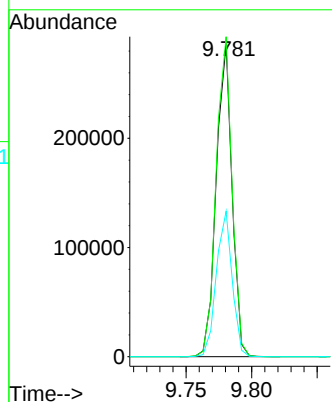
Tgt Ion:164 Resp: 239691

Ion Ratio Lower Upper

164 100

162 102.2 80.8 121.2

160 46.5 36.6 54.8



#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.582 ng

RT: 8.904 min Scan# 1159

Delta R.T. -0.006 min

Lab File: BF135803.D

Acq: 17 Oct 2023 10:24

Tgt Ion:216 Resp: 293598

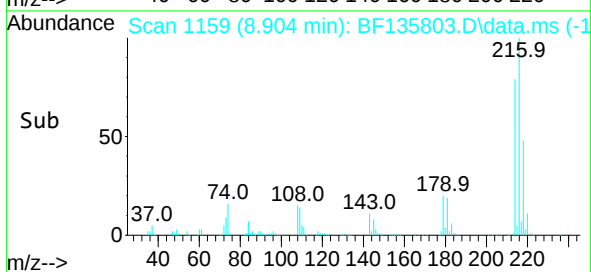
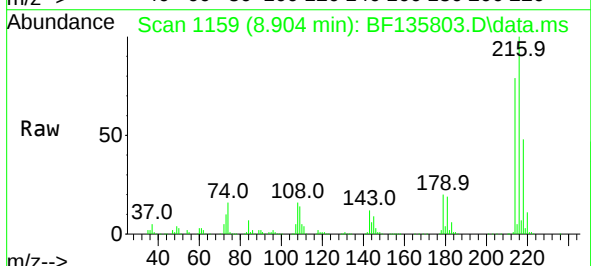
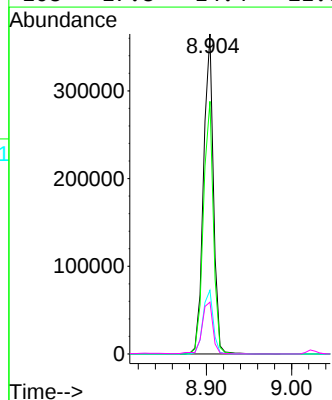
Ion Ratio Lower Upper

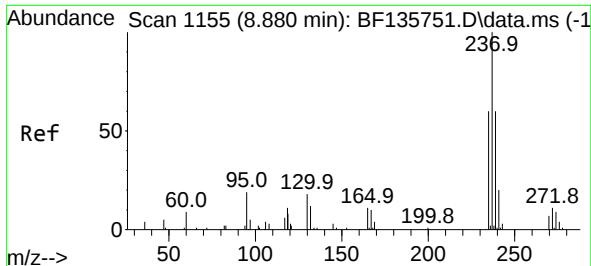
216 100

214 79.6 64.0 96.0

179 20.7 16.9 25.3

108 17.8 14.4 21.6

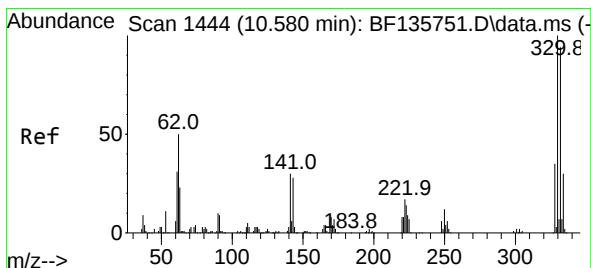
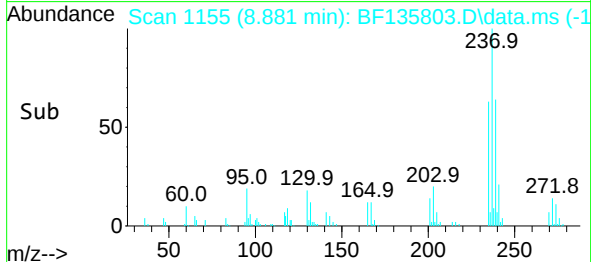
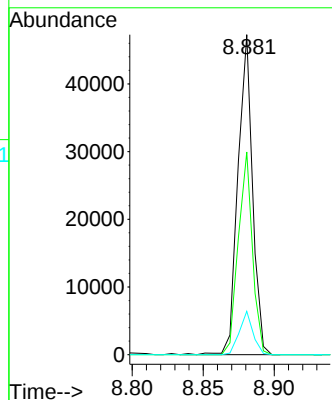
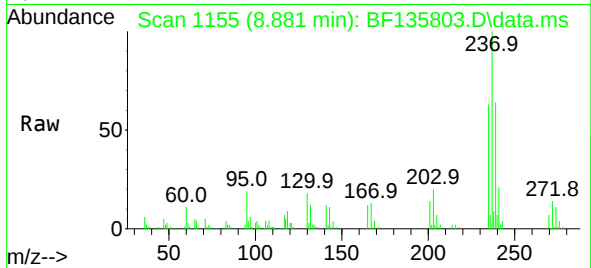




#41  
Hexachlorocyclopentadiene  
Concen: 42.354 ng  
RT: 8.881 min Scan# 1155  
Delta R.T. -0.006 min  
Lab File: BF135803.D  
Acq: 17 Oct 2023 10:24

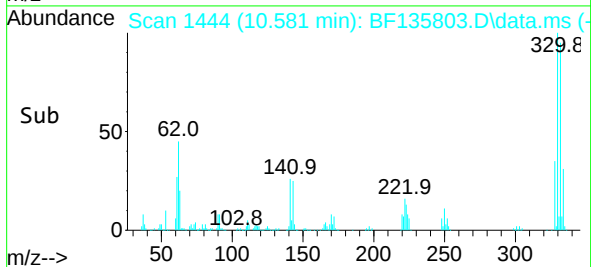
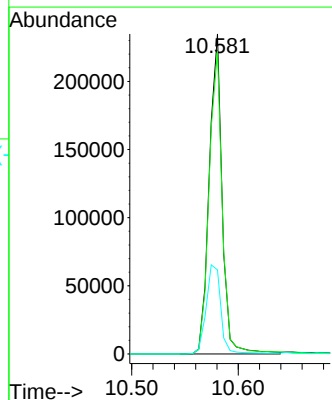
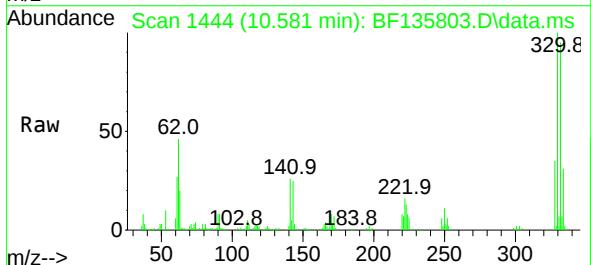
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

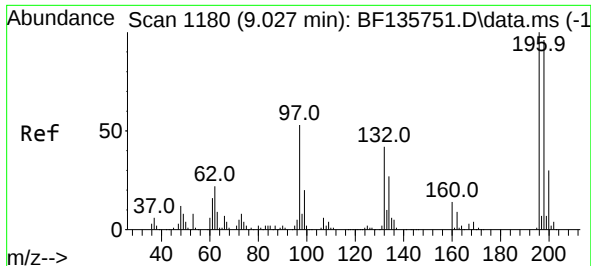
Tgt Ion:237 Resp: 33825  
Ion Ratio Lower Upper  
237 100  
235 63.3 40.0 80.0  
272 13.6 0.0 30.9



#42  
2,4,6-Tribromophenol  
Concen: 86.266 ng  
RT: 10.581 min Scan# 1444  
Delta R.T. -0.006 min  
Lab File: BF135803.D  
Acq: 17 Oct 2023 10:24

Tgt Ion:330 Resp: 198414  
Ion Ratio Lower Upper  
330 100  
332 98.2 75.0 112.4  
141 31.8 25.8 38.6

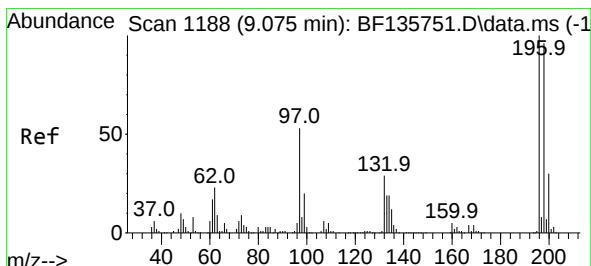
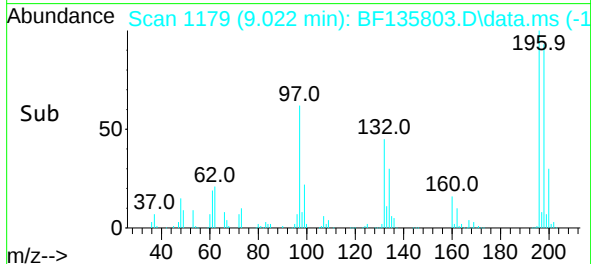
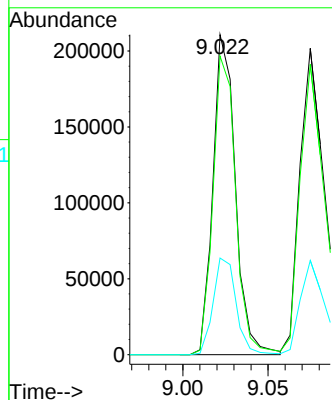
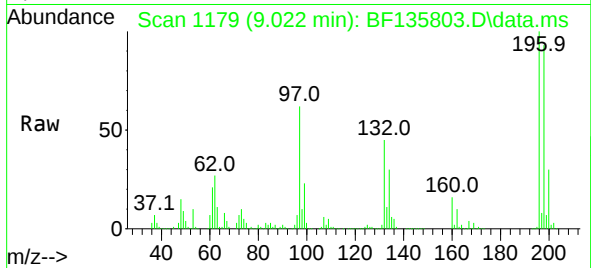




#43  
2,4,6-Trichlorophenol  
Concen: 43.427 ng  
RT: 9.022 min Scan# 1179  
Delta R.T. -0.006 min  
Lab File: BF135803.D  
Acq: 17 Oct 2023 10:24

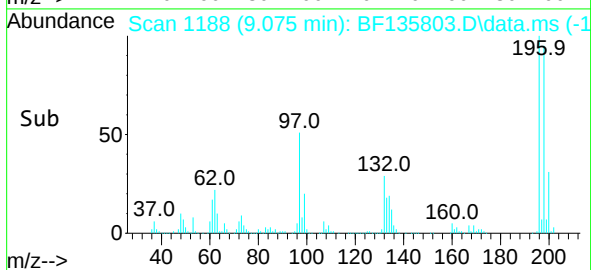
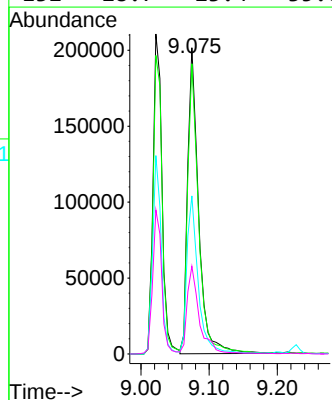
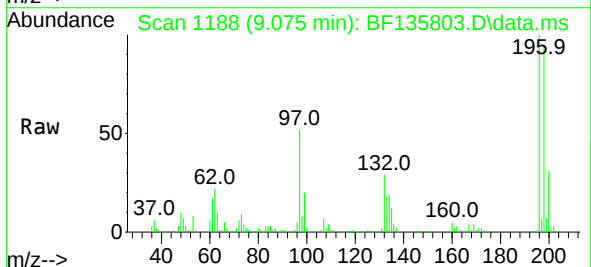
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

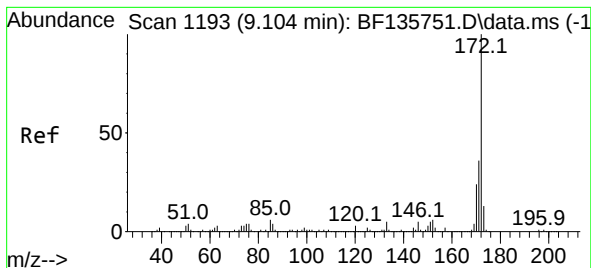
Tgt Ion:196 Resp: 192948  
Ion Ratio Lower Upper  
196 100  
198 93.3 76.7 115.1  
200 30.2 24.2 36.4



#44  
2,4,5-Trichlorophenol  
Concen: 43.385 ng  
RT: 9.075 min Scan# 1188  
Delta R.T. -0.006 min  
Lab File: BF135803.D  
Acq: 17 Oct 2023 10:24

Tgt Ion:196 Resp: 224201  
Ion Ratio Lower Upper  
196 100  
198 94.8 77.0 115.6  
97 51.6 42.2 63.2  
132 28.7 23.4 35.0





#45

2-Fluorobiphenyl

Concen: 79.672 ng

RT: 9.098 min Scan# 1192

Delta R.T. -0.006 min

Lab File: BF135803.D

Acq: 17 Oct 2023 10:24

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

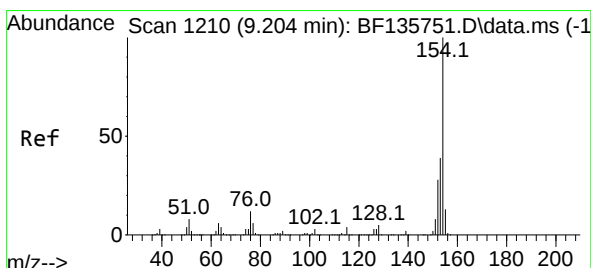
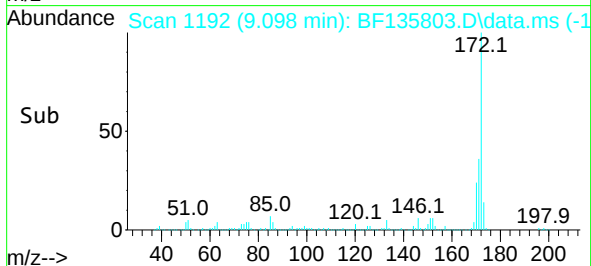
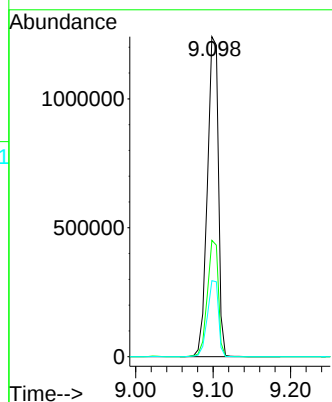
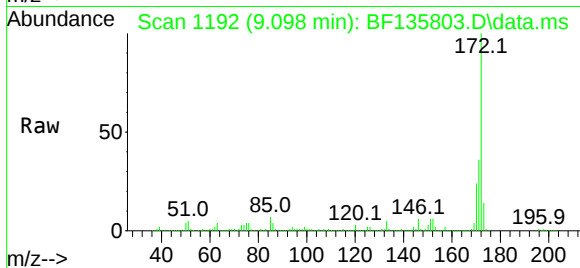
Tgt Ion:172 Resp: 1221404

Ion Ratio Lower Upper

172 100

171 36.4 28.4 42.6

170 23.8 18.8 28.2



#46

1,1'-Biphenyl

Concen: 41.709 ng

RT: 9.204 min Scan# 1210

Delta R.T. -0.000 min

Lab File: BF135803.D

Acq: 17 Oct 2023 10:24

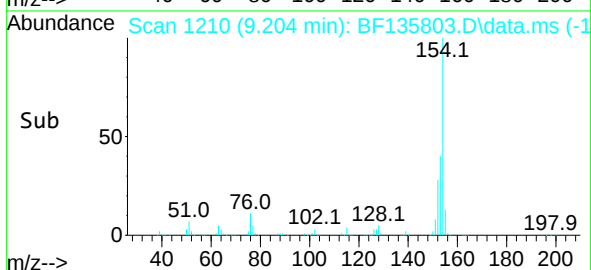
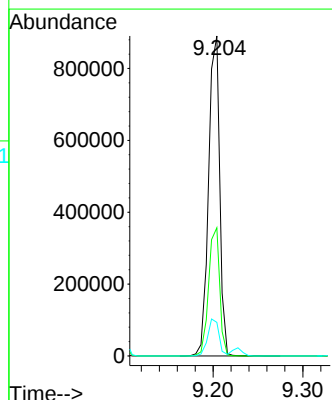
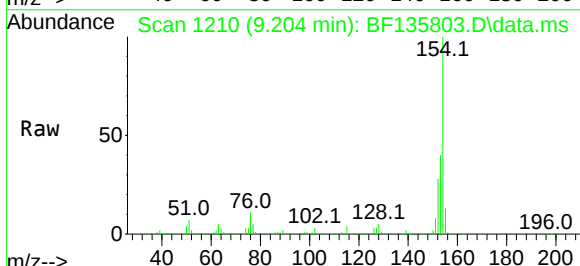
Tgt Ion:154 Resp: 765814

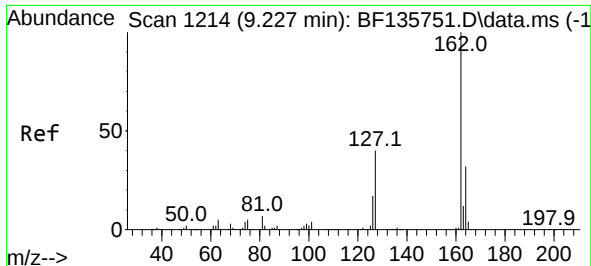
Ion Ratio Lower Upper

154 100

153 40.0 19.4 59.4

76 10.5 0.0 31.7

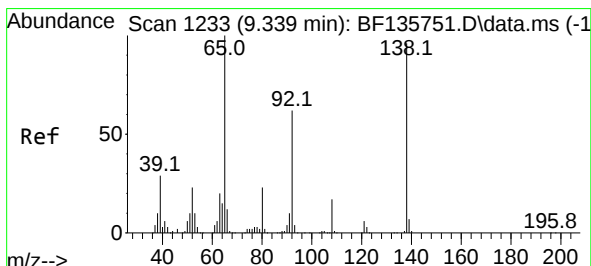
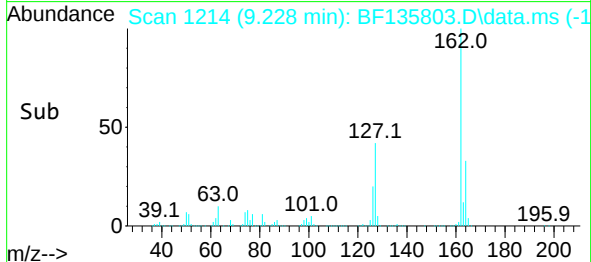
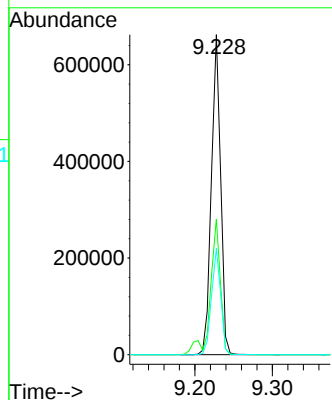
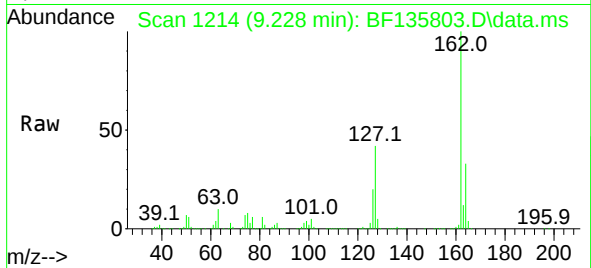




#47  
2-Chloronaphthalene  
Concen: 41.461 ng  
RT: 9.228 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF135803.D  
Acq: 17 Oct 2023 10:24

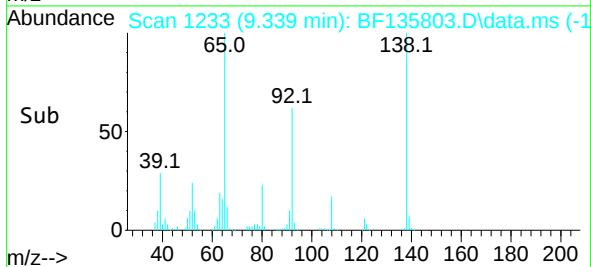
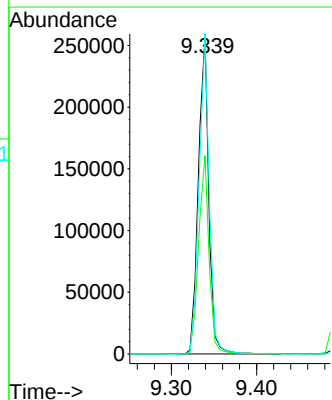
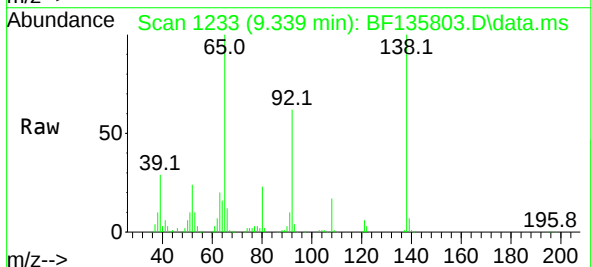
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

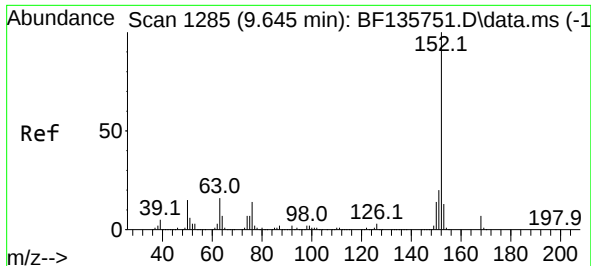
Tgt Ion:162 Resp: 548641  
Ion Ratio Lower Upper  
162 100  
127 42.4 34.7 52.1  
164 33.2 25.6 38.4



#48  
2-Nitroaniline  
Concen: 42.024 ng  
RT: 9.339 min Scan# 1233  
Delta R.T. -0.000 min  
Lab File: BF135803.D  
Acq: 17 Oct 2023 10:24

Tgt Ion: 65 Resp: 219499  
Ion Ratio Lower Upper  
65 100  
92 62.2 49.4 74.0  
138 100.4 76.6 114.8





#49

Acenaphthylene

Concen: 40.512 ng

RT: 9.639 min Scan# 1284

Delta R.T. -0.006 min

Lab File: BF135803.D

Acq: 17 Oct 2023 10:24

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

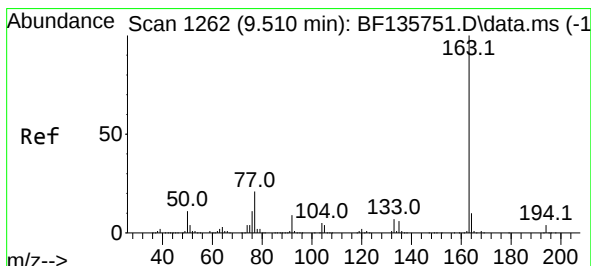
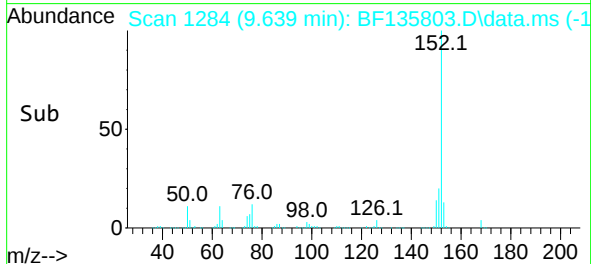
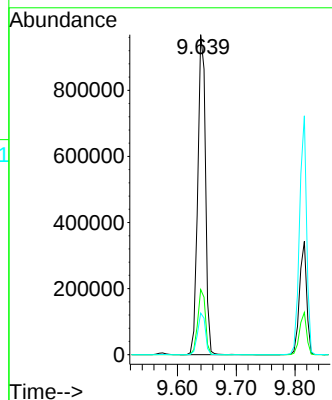
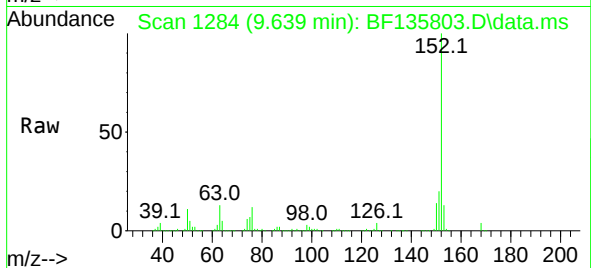
Tgt Ion:152 Resp: 887150

Ion Ratio Lower Upper

152 100

151 20.3 16.2 24.2

153 13.0 10.2 15.4



#50

Dimethylphthalate

Concen: 41.528 ng

RT: 9.510 min Scan# 1262

Delta R.T. -0.000 min

Lab File: BF135803.D

Acq: 17 Oct 2023 10:24

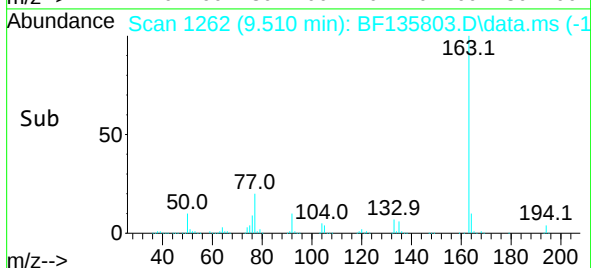
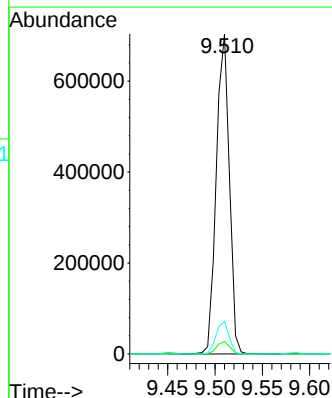
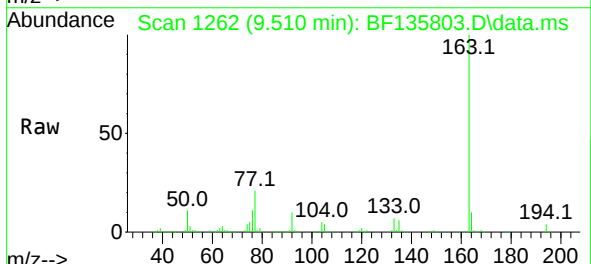
Tgt Ion:163 Resp: 671952

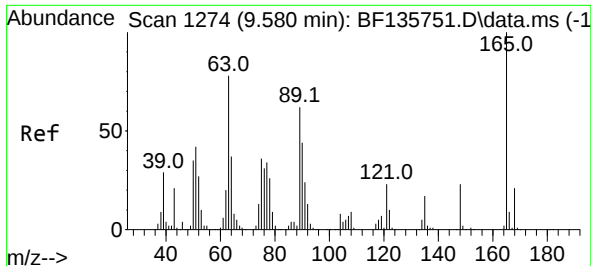
Ion Ratio Lower Upper

163 100

194 3.9 3.2 4.8

164 10.1 7.9 11.9

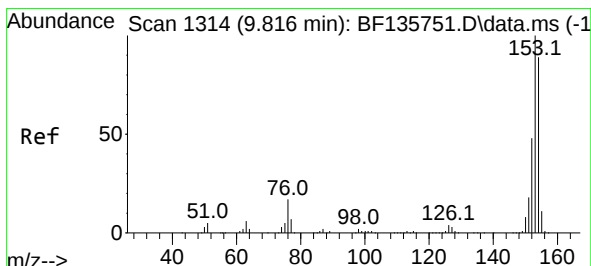
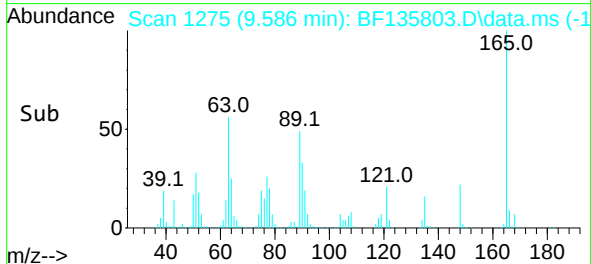
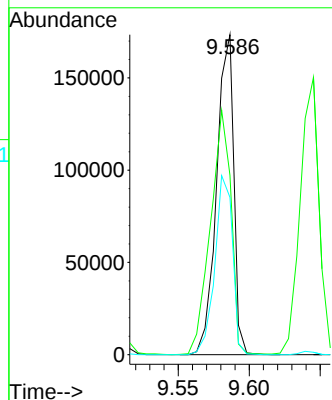
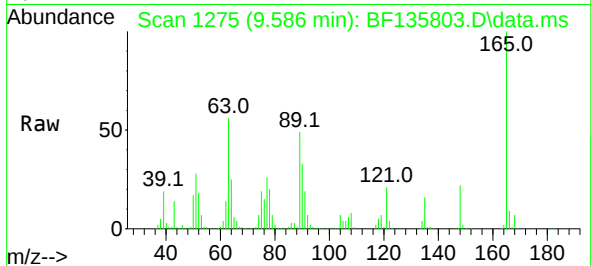




#51  
2,6-Dinitrotoluene  
Concen: 41.879 ng  
RT: 9.586 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BF135803.D  
Acq: 17 Oct 2023 10:24

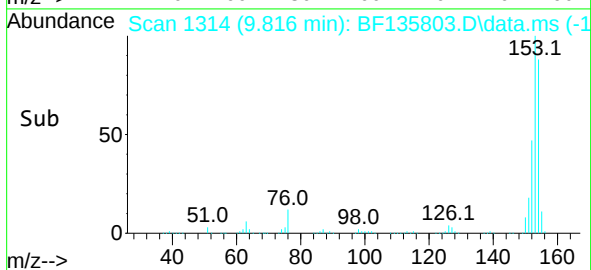
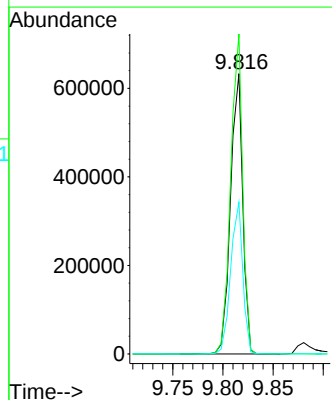
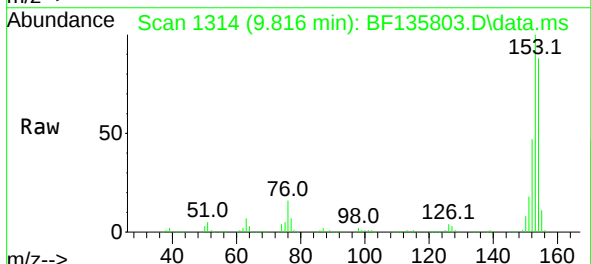
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

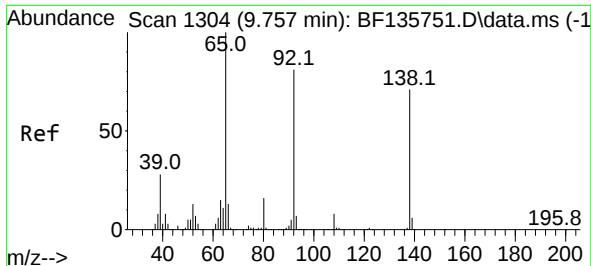
Tgt Ion:165 Resp: 145720  
Ion Ratio Lower Upper  
165 100  
63 56.0 62.2 93.4#  
89 49.2 49.6 74.4#



#52  
Acenaphthene  
Concen: 40.836 ng  
RT: 9.816 min Scan# 1314  
Delta R.T. -0.000 min  
Lab File: BF135803.D  
Acq: 17 Oct 2023 10:24

Tgt Ion:154 Resp: 535987  
Ion Ratio Lower Upper  
154 100  
153 114.1 90.1 135.1  
152 54.1 43.1 64.7

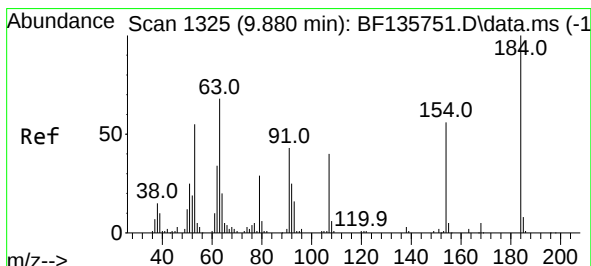
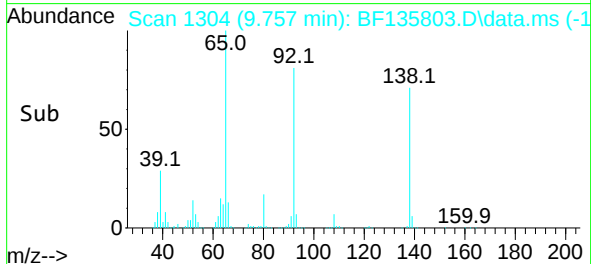
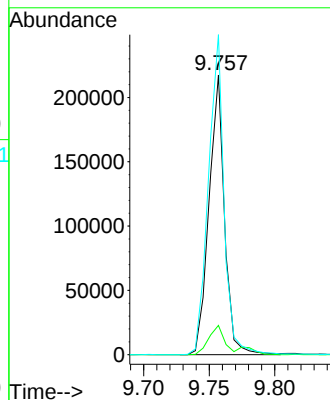
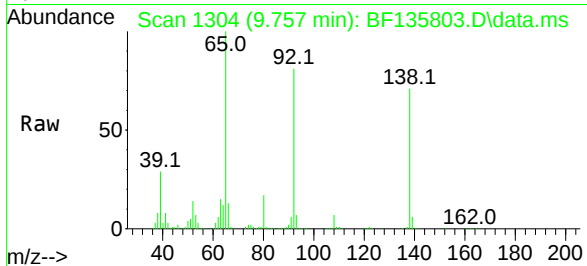




#53  
3-Nitroaniline  
Concen: 42.075 ng  
RT: 9.757 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BF135803.D  
Acq: 17 Oct 2023 10:24

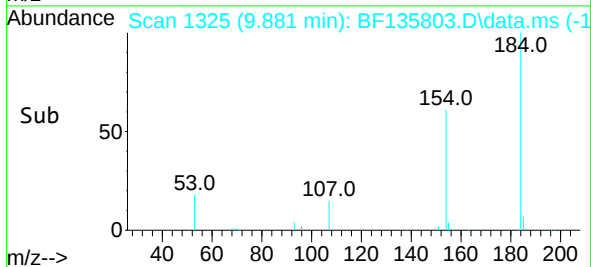
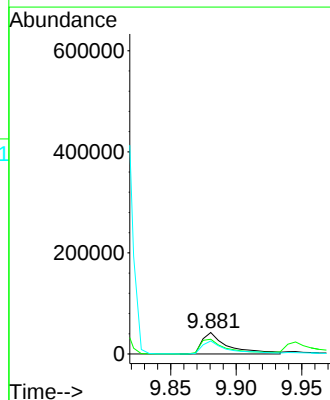
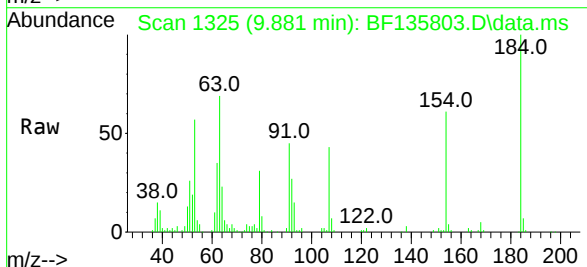
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

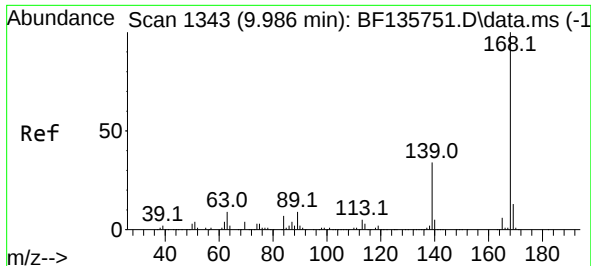
Tgt Ion:138 Resp: 179470  
Ion Ratio Lower Upper  
138 100  
108 10.5 8.6 13.0  
92 114.4 91.3 136.9



#54  
2,4-Dinitrophenol  
Concen: 39.785 ng  
RT: 9.881 min Scan# 1325  
Delta R.T. -0.000 min  
Lab File: BF135803.D  
Acq: 17 Oct 2023 10:24

Tgt Ion:184 Resp: 57787  
Ion Ratio Lower Upper  
184 100  
63 68.7 54.6 81.8  
154 60.9 45.0 67.4

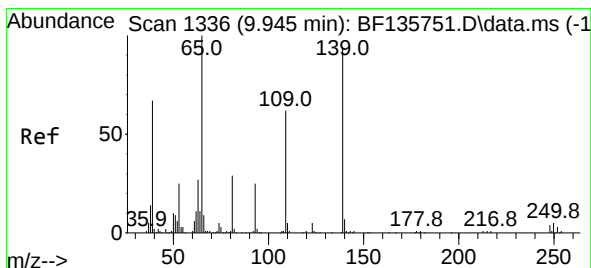
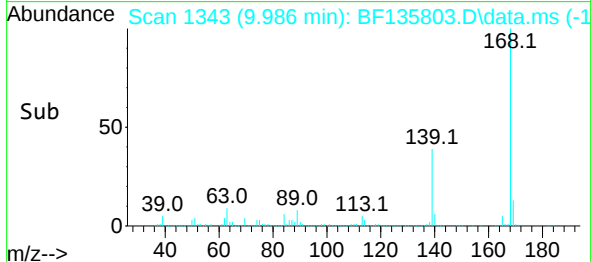
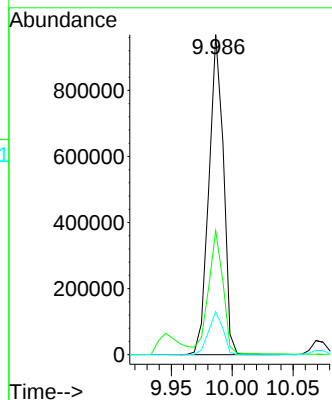
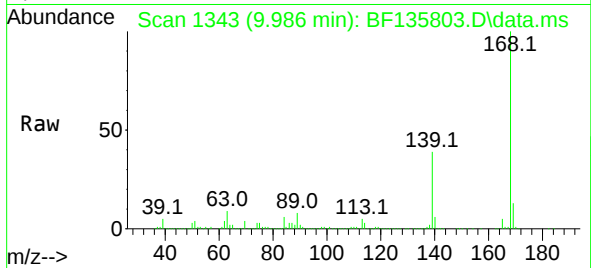




#55  
Dibenzofuran  
Concen: 40.603 ng  
RT: 9.986 min Scan# 1343  
Delta R.T. -0.006 min  
Lab File: BF135803.D  
Acq: 17 Oct 2023 10:24

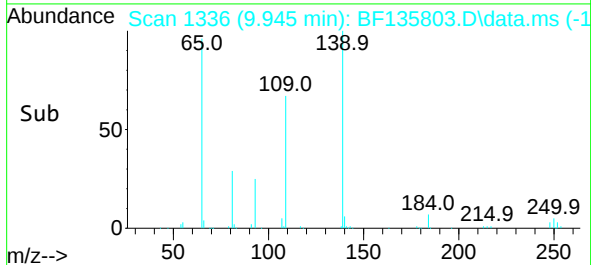
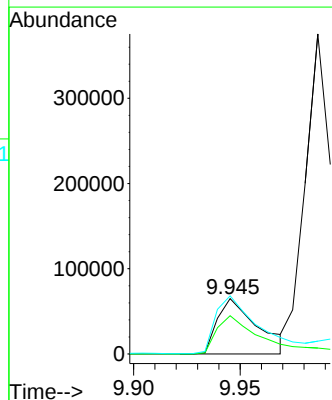
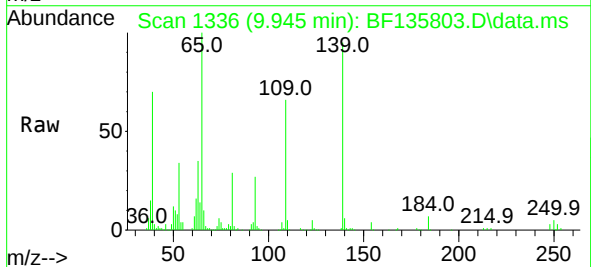
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

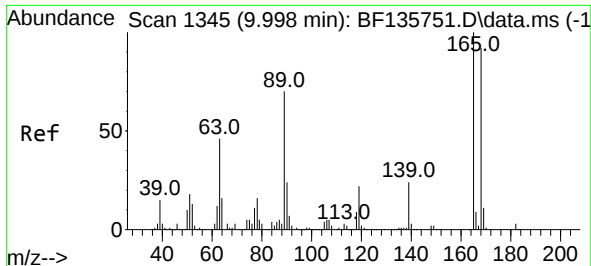
Tgt Ion:168 Resp: 804126  
Ion Ratio Lower Upper  
168 100  
139 38.8 31.0 46.4  
169 13.5 10.7 16.1



#56  
4-Nitrophenol  
Concen: 45.525 ng  
RT: 9.945 min Scan# 1336  
Delta R.T. -0.000 min  
Lab File: BF135803.D  
Acq: 17 Oct 2023 10:24

Tgt Ion:139 Resp: 84006  
Ion Ratio Lower Upper  
139 100  
109 69.2 45.6 85.6  
65 105.0 87.5 127.5





#57

2,4-Dinitrotoluene

Concen: 42.104 ng

RT: 9.998 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF135803.D

Acq: 17 Oct 2023 10:24

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion:165 Resp: 186385

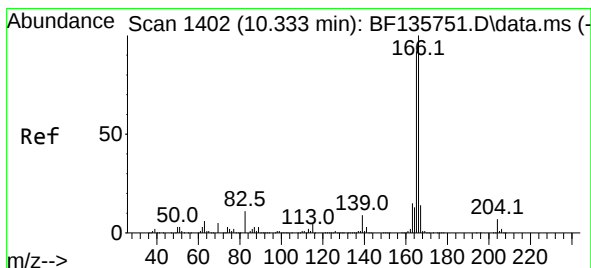
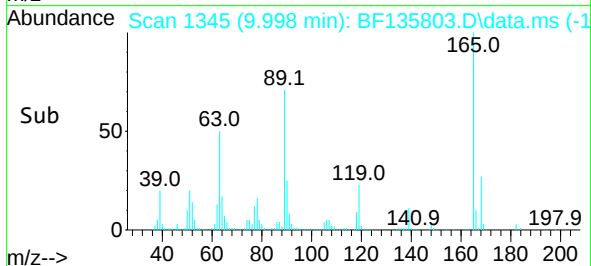
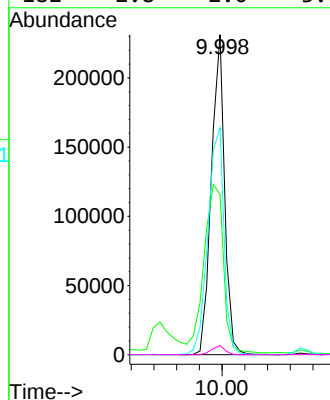
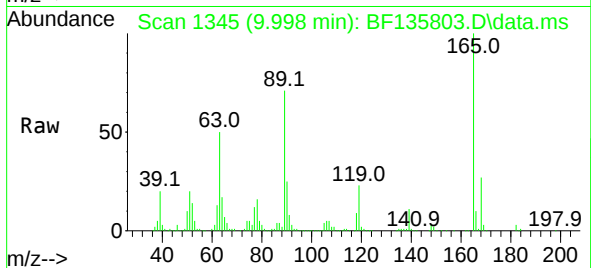
Ion Ratio Lower Upper

165 100

63 50.0 39.0 58.4

89 70.9 55.9 83.9

182 2.8 2.0 3.0



#58

Fluorene

Concen: 42.003 ng

RT: 10.333 min Scan# 1402

Delta R.T. -0.006 min

Lab File: BF135803.D

Acq: 17 Oct 2023 10:24

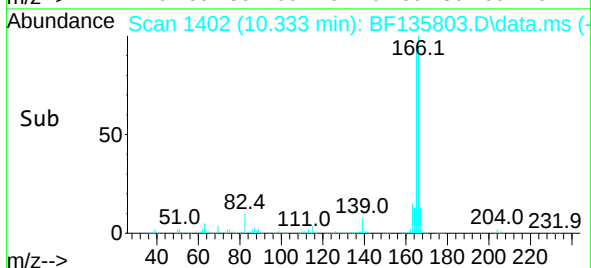
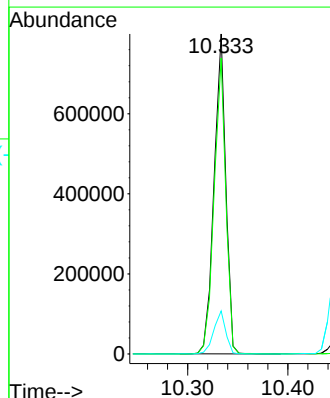
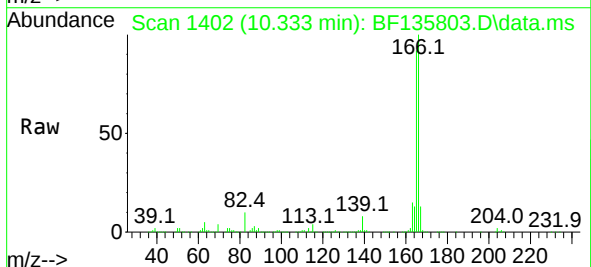
Tgt Ion:166 Resp: 651234

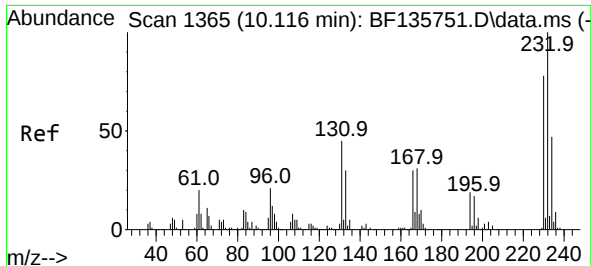
Ion Ratio Lower Upper

166 100

165 92.5 73.4 110.0

167 13.5 11.0 16.6

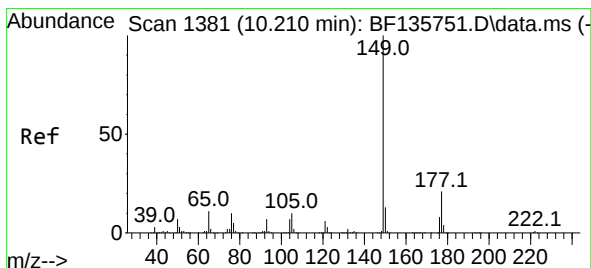
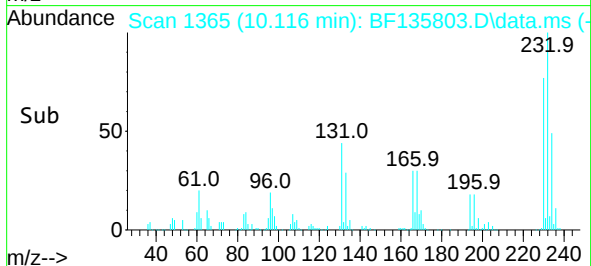
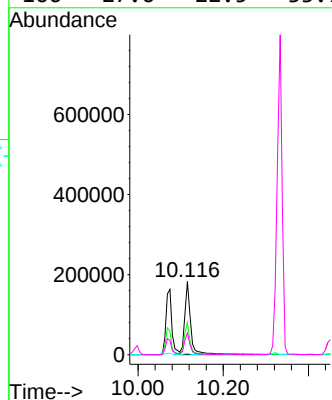
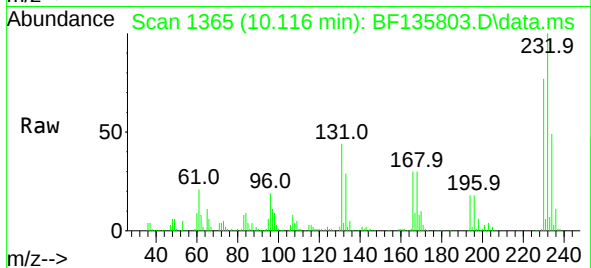




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 45.690 ng  
RT: 10.116 min Scan# 1365  
Delta R.T. -0.006 min  
Lab File: BF135803.D  
Acq: 17 Oct 2023 10:24

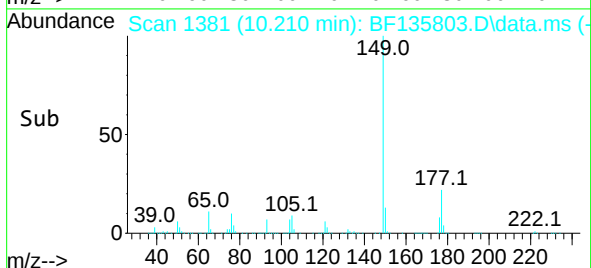
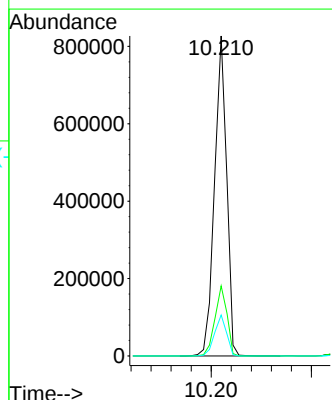
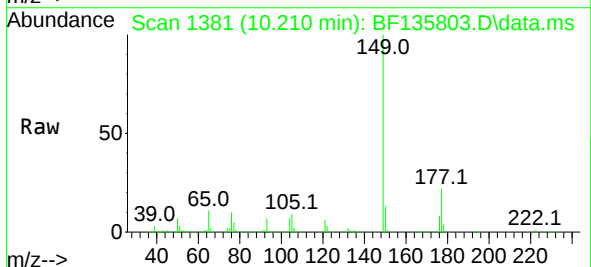
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

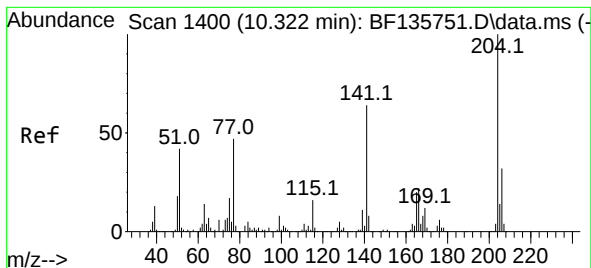
Tgt Ion:232 Resp: 178437  
Ion Ratio Lower Upper  
232 100  
131 40.3 35.8 53.6  
130 2.1 1.9 2.9  
166 27.6 22.5 33.7



#60  
Diethylphthalate  
Concen: 41.987 ng  
RT: 10.210 min Scan# 1381  
Delta R.T. -0.006 min  
Lab File: BF135803.D  
Acq: 17 Oct 2023 10:24

Tgt Ion:149 Resp: 693577  
Ion Ratio Lower Upper  
149 100  
177 21.9 16.9 25.3  
150 12.8 10.2 15.2

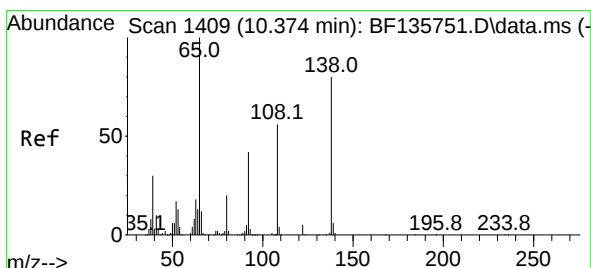
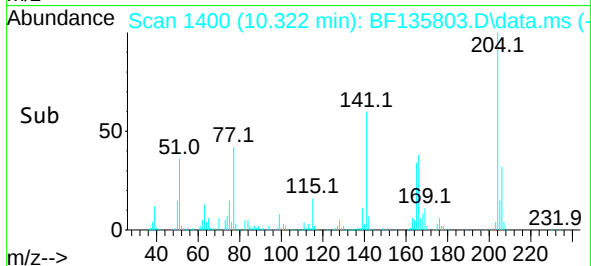
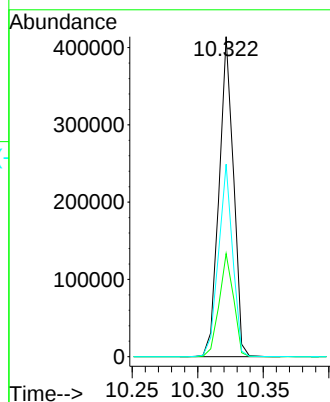
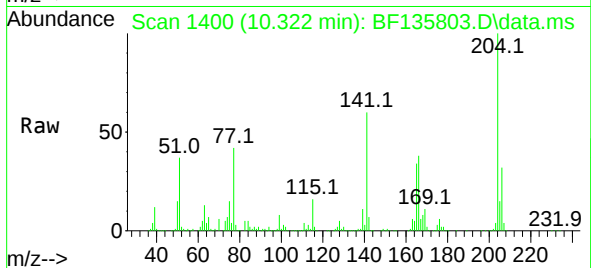




#61  
4-Chlorophenyl-phenylether  
Concen: 42.098 ng  
RT: 10.322 min Scan# 1400  
Delta R.T. -0.006 min  
Lab File: BF135803.D  
Acq: 17 Oct 2023 10:24

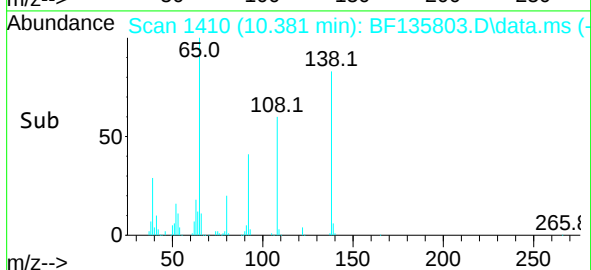
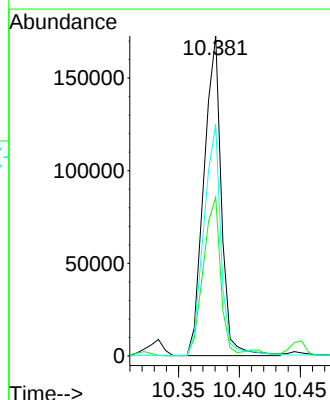
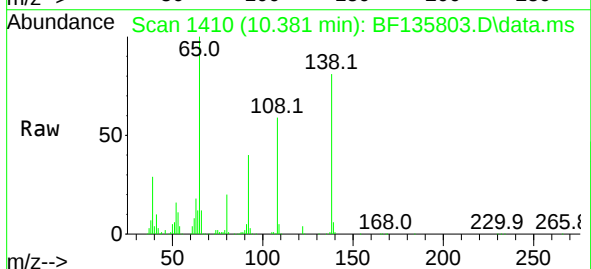
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

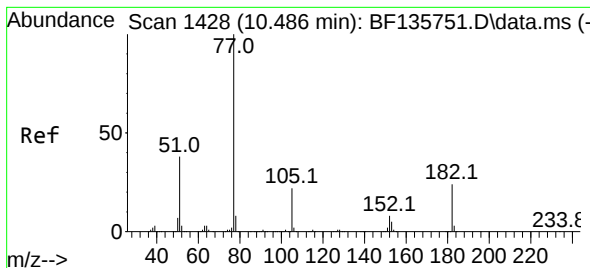
Tgt Ion:204 Resp: 315455  
Ion Ratio Lower Upper  
204 100  
206 32.2 25.8 38.6  
141 60.2 51.4 77.0



#62  
4-Nitroaniline  
Concen: 43.563 ng  
RT: 10.381 min Scan# 1410  
Delta R.T. -0.000 min  
Lab File: BF135803.D  
Acq: 17 Oct 2023 10:24

Tgt Ion:138 Resp: 170968  
Ion Ratio Lower Upper  
138 100  
92 49.6 31.9 71.9  
108 72.4 49.7 89.7

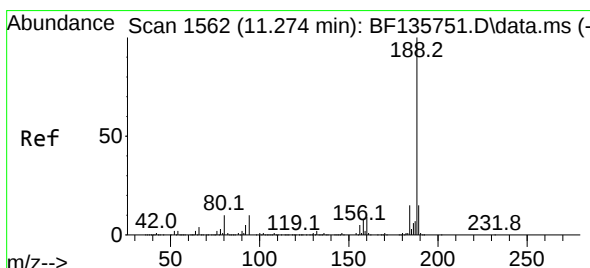
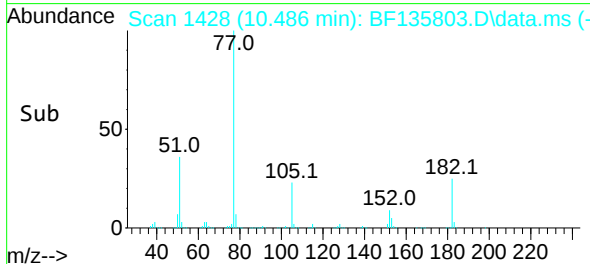
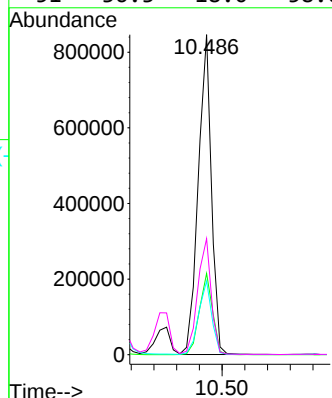
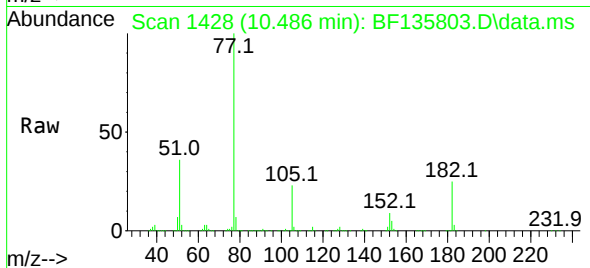




#63  
Azobenzene  
Concen: 42.486 ng  
RT: 10.486 min Scan# 1428  
Delta R.T. -0.006 min  
Lab File: BF135803.D  
Acq: 17 Oct 2023 10:24

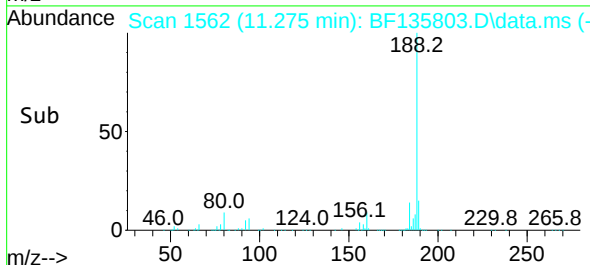
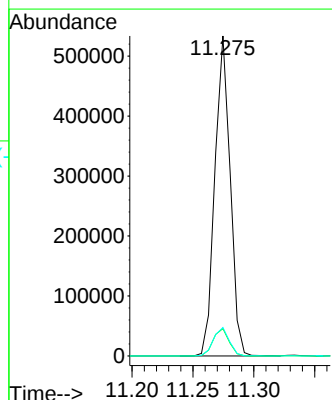
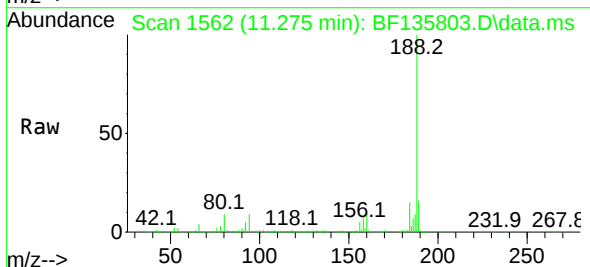
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

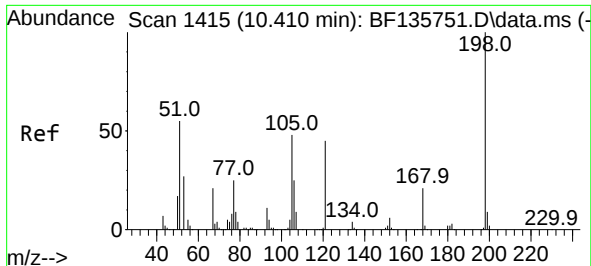
|             |              |
|-------------|--------------|
| Tgt Ion: 77 | Resp: 681852 |
| Ion Ratio   | Lower Upper  |
| 77 100      |              |
| 182 25.4    | 3.5 43.5     |
| 105 23.0    | 2.2 42.2     |
| 51 36.3     | 18.0 58.0    |



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.275 min Scan# 1562  
Delta R.T. -0.006 min  
Lab File: BF135803.D  
Acq: 17 Oct 2023 10:24

|             |              |
|-------------|--------------|
| Tgt Ion:188 | Resp: 466604 |
| Ion Ratio   | Lower Upper  |
| 188 100     |              |
| 94 8.6      | 8.0 12.0     |
| 80 8.9      | 8.3 12.5     |

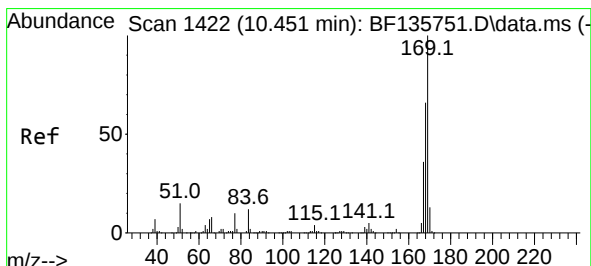
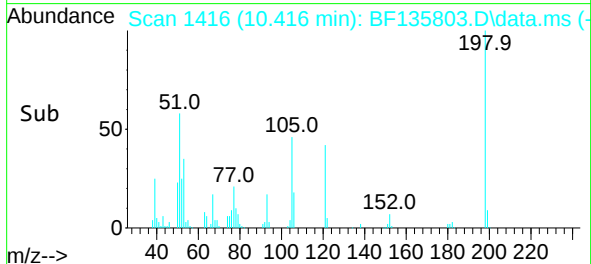
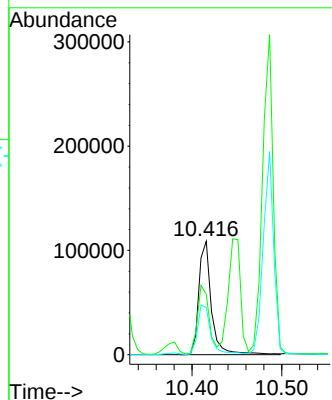
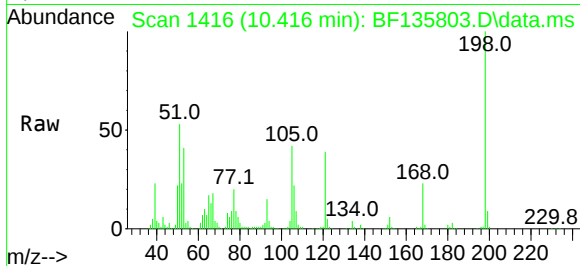




#65  
4,6-Dinitro-2-methylphenol  
Concen: 45.209 ng  
RT: 10.416 min Scan# 1415  
Delta R.T. -0.000 min  
Lab File: BF135803.D  
Acq: 17 Oct 2023 10:24

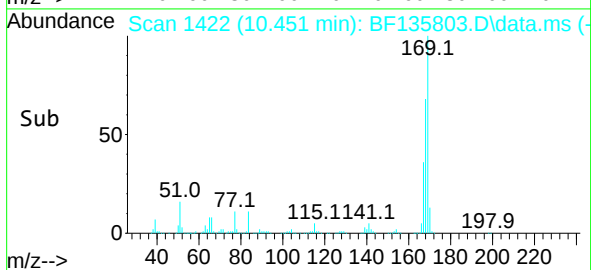
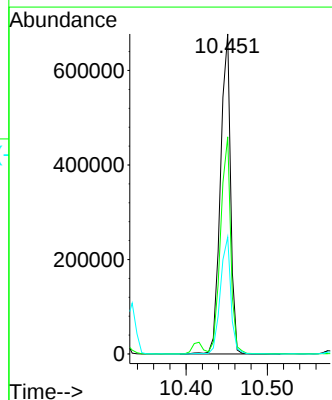
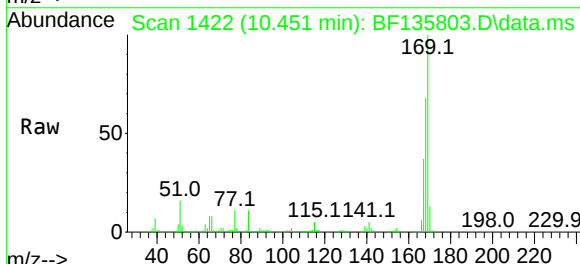
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

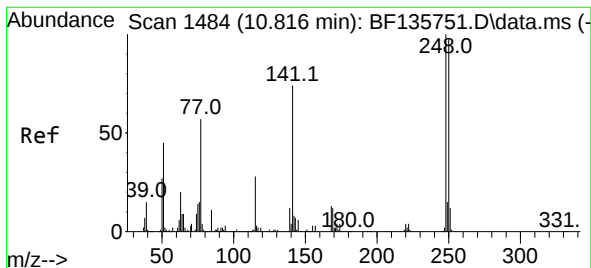
Tgt Ion:198 Resp: 106161  
Ion Ratio Lower Upper  
198 100  
51 53.3 47.6 87.6  
105 41.8 29.2 69.2



#66  
n-Nitrosodiphenylamine  
Concen: 41.328 ng  
RT: 10.451 min Scan# 1422  
Delta R.T. -0.000 min  
Lab File: BF135803.D  
Acq: 17 Oct 2023 10:24

Tgt Ion:169 Resp: 587769  
Ion Ratio Lower Upper  
169 100  
168 67.9 53.4 80.2  
167 36.6 29.2 43.8

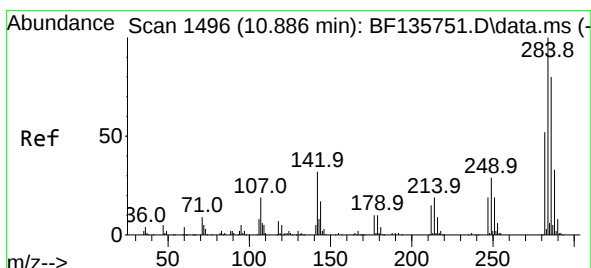
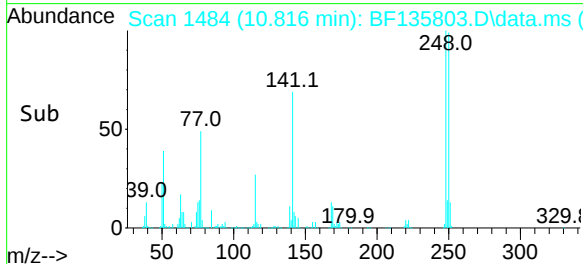
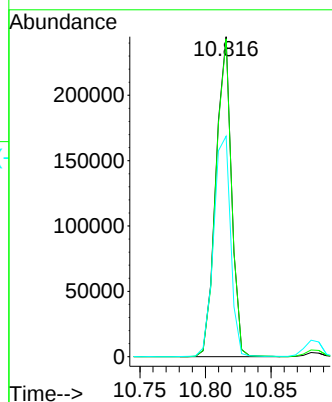
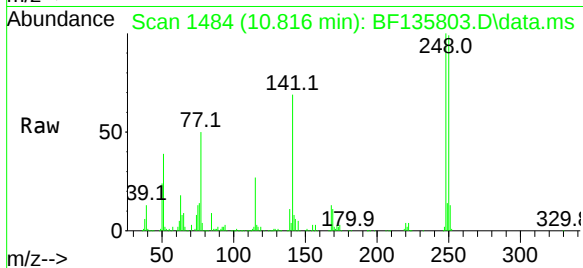




#67  
4-Bromophenyl-phenylether  
Concen: 43.152 ng  
RT: 10.816 min Scan# 1484  
Delta R.T. -0.006 min  
Lab File: BF135803.D  
Acq: 17 Oct 2023 10:24

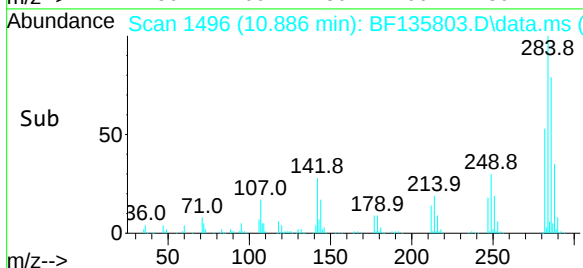
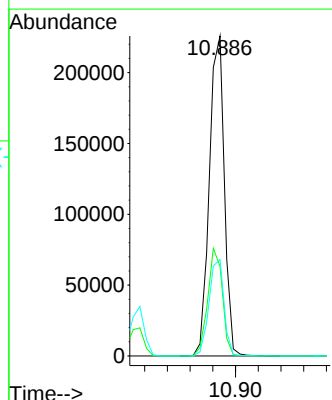
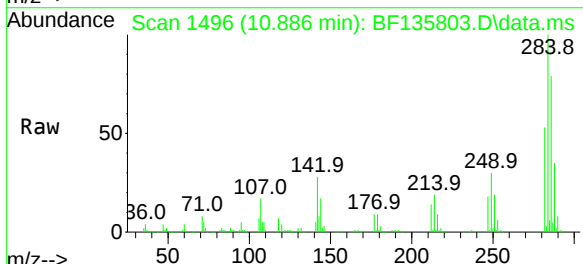
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

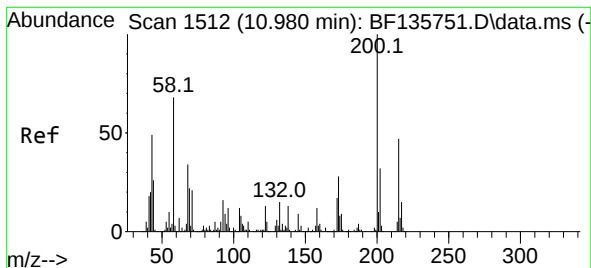
Tgt Ion:248 Resp: 202118  
Ion Ratio Lower Upper  
248 100  
250 99.3 78.0 117.0  
141 68.9 59.0 88.6



#68  
Hexachlorobenzene  
Concen: 43.412 ng  
RT: 10.886 min Scan# 1496  
Delta R.T. -0.006 min  
Lab File: BF135803.D  
Acq: 17 Oct 2023 10:24

Tgt Ion:284 Resp: 207018  
Ion Ratio Lower Upper  
284 100  
142 28.0 25.3 37.9  
249 30.1 23.5 35.3





#69

Atrazine

Concen: 42.483 ng

RT: 10.980 min Scan# 1512

Delta R.T. -0.006 min

Lab File: BF135803.D

Acq: 17 Oct 2023 10:24

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

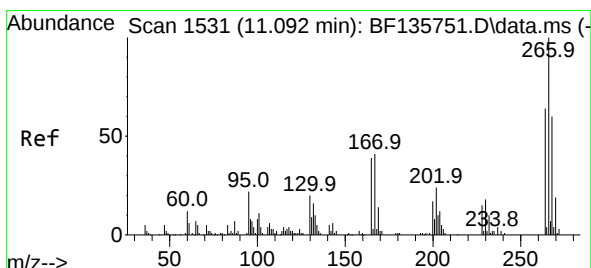
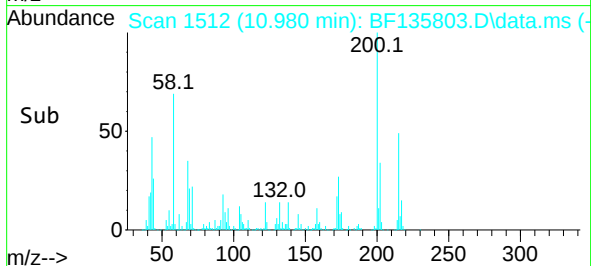
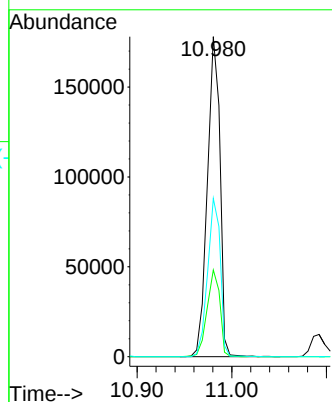
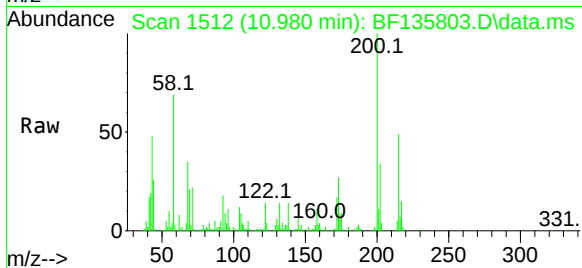
Tgt Ion:200 Resp: 164341

Ion Ratio Lower Upper

200 100

173 27.1 7.6 47.6

215 49.4 27.1 67.1



#70

Pentachlorophenol

Concen: 48.940 ng

RT: 11.092 min Scan# 1531

Delta R.T. -0.000 min

Lab File: BF135803.D

Acq: 17 Oct 2023 10:24

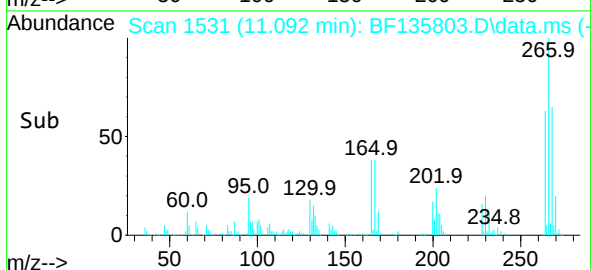
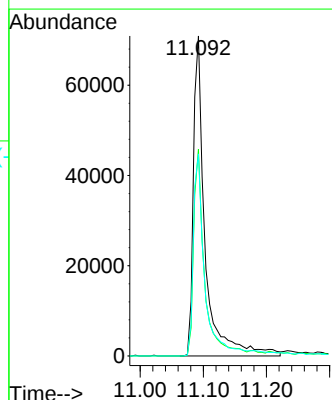
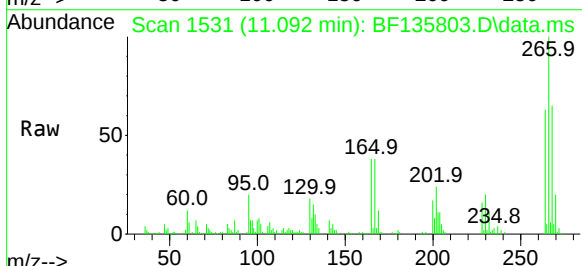
Tgt Ion:266 Resp: 92046

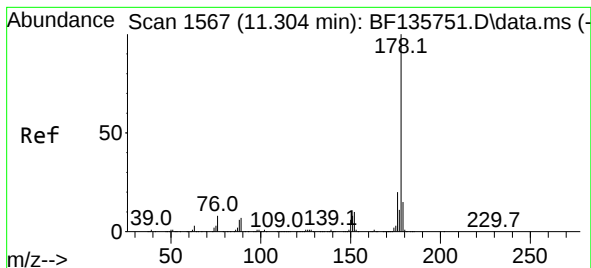
Ion Ratio Lower Upper

266 100

268 64.6 47.7 71.5

264 63.2 51.4 77.2





#71

Phenanthrene

Concen: 40.366 ng

RT: 11.304 min Scan# 1567

Delta R.T. -0.000 min

Lab File: BF135803.D

Acq: 17 Oct 2023 10:24

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

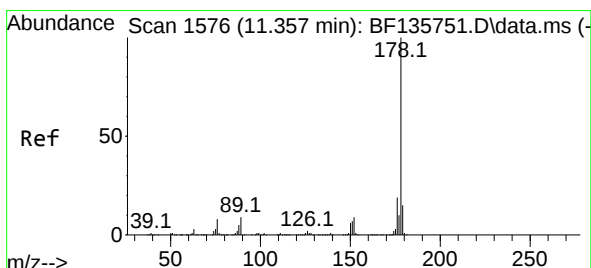
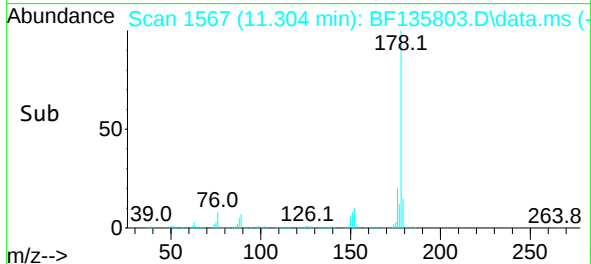
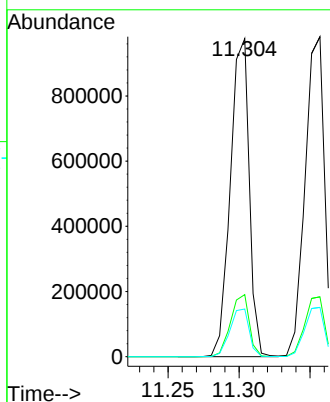
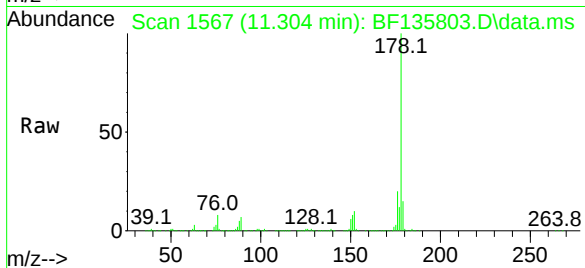
Tgt Ion:178 Resp: 902291

Ion Ratio Lower Upper

178 100

176 19.5 16.0 24.0

179 15.0 12.2 18.4



#72

Anthracene

Concen: 40.546 ng

RT: 11.357 min Scan# 1576

Delta R.T. -0.000 min

Lab File: BF135803.D

Acq: 17 Oct 2023 10:24

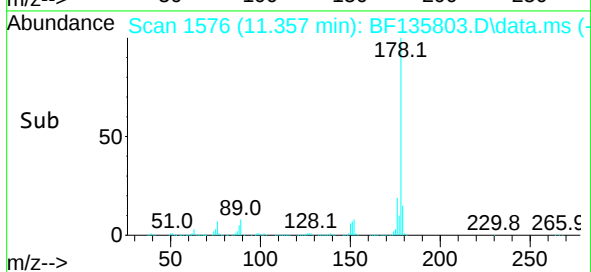
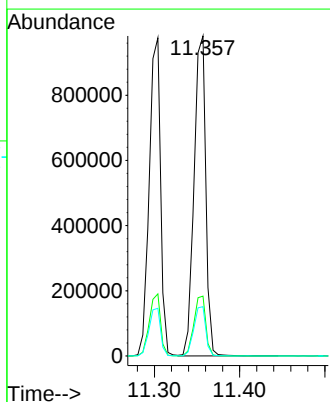
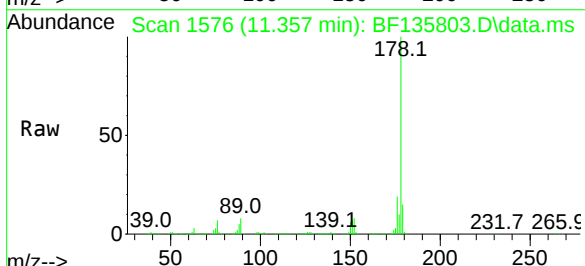
Tgt Ion:178 Resp: 939149

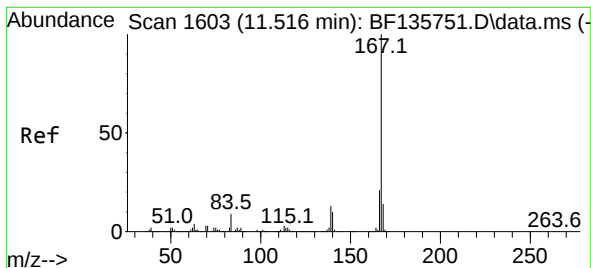
Ion Ratio Lower Upper

178 100

176 18.7 15.1 22.7

179 15.4 12.3 18.5

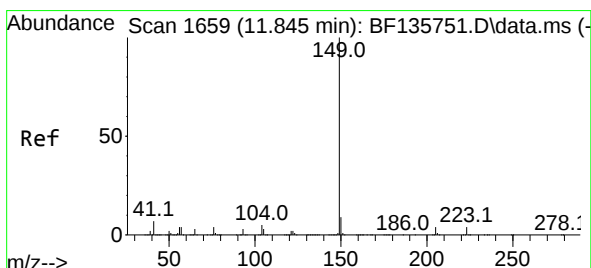
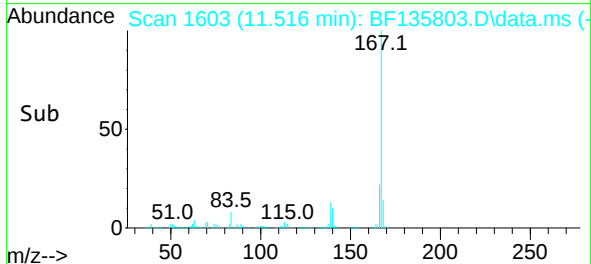
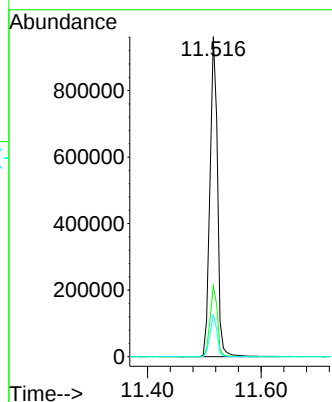
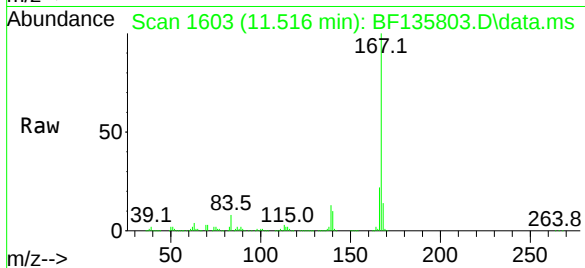




#73  
 Carbazole  
 Concen: 40.771 ng  
 RT: 11.516 min Scan# 1603  
 Delta R.T. -0.006 min  
 Lab File: BF135803.D  
 Acq: 17 Oct 2023 10:24

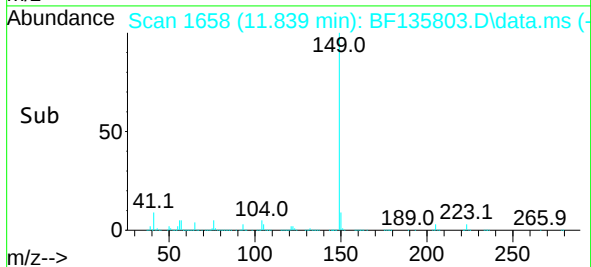
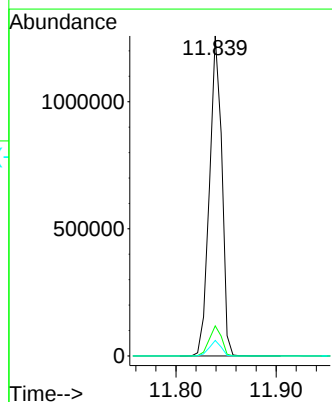
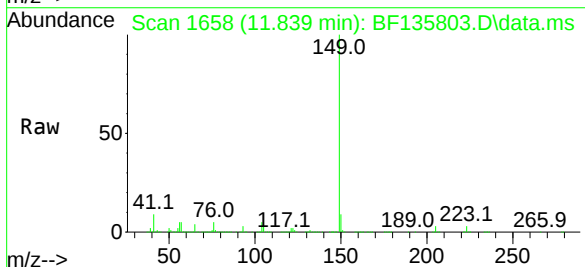
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

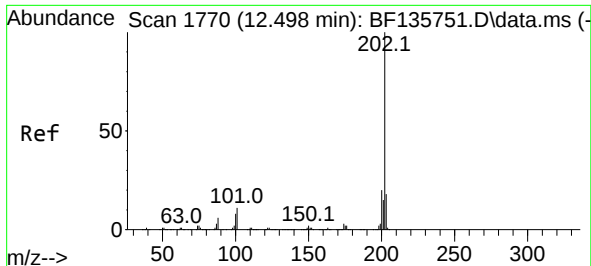
Tgt Ion:167 Resp: 880748  
 Ion Ratio Lower Upper  
 167 100  
 166 22.1 17.1 25.7  
 139 13.0 10.2 15.4



#74  
 Di-n-butylphthalate  
 Concen: 40.689 ng  
 RT: 11.839 min Scan# 1658  
 Delta R.T. -0.006 min  
 Lab File: BF135803.D  
 Acq: 17 Oct 2023 10:24

Tgt Ion:149 Resp: 1079189  
 Ion Ratio Lower Upper  
 149 100  
 150 9.4 7.4 11.2  
 104 4.8 3.7 5.5

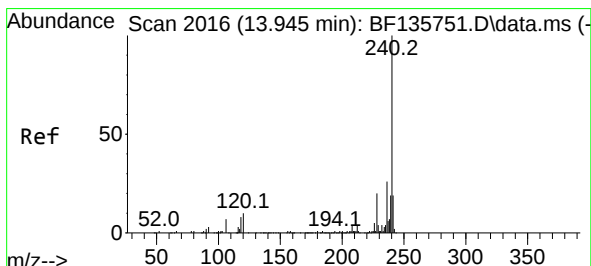
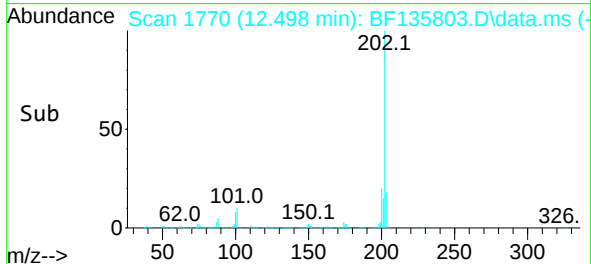
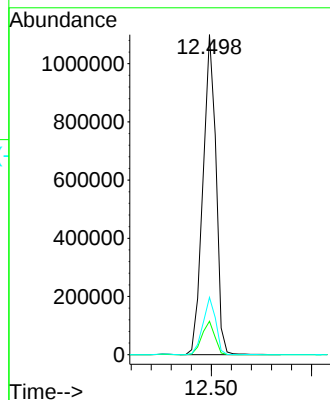
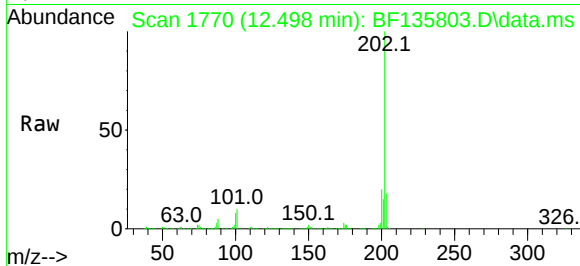




#75  
Fluoranthene  
Concen: 40.149 ng  
RT: 12.498 min Scan# 1770  
Delta R.T. -0.006 min  
Lab File: BF135803.D  
Acq: 17 Oct 2023 10:24

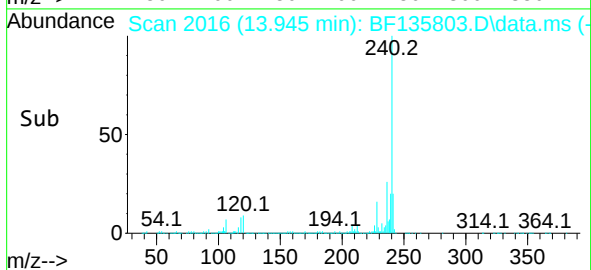
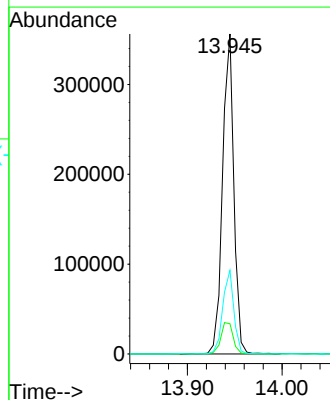
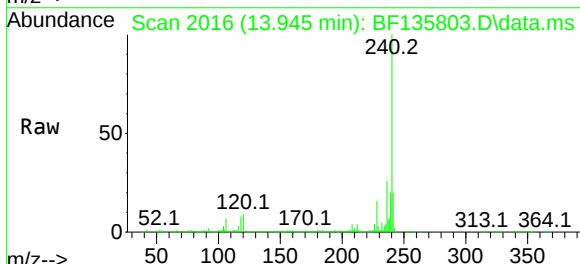
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

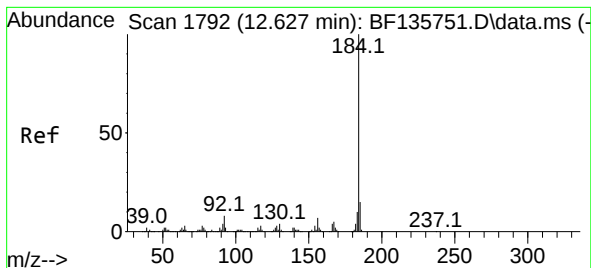
Tgt Ion:202 Resp: 996031  
Ion Ratio Lower Upper  
202 100  
101 10.5 0.0 31.5  
203 17.9 0.0 38.3



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.945 min Scan# 2016  
Delta R.T. -0.006 min  
Lab File: BF135803.D  
Acq: 17 Oct 2023 10:24

Tgt Ion:240 Resp: 296425  
Ion Ratio Lower Upper  
240 100  
120 9.4 8.2 12.2  
236 26.2 21.2 31.8





#77

Benzidine

Concen: 41.786 ng

RT: 12.627 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF135803.D

Acq: 17 Oct 2023 10:24

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

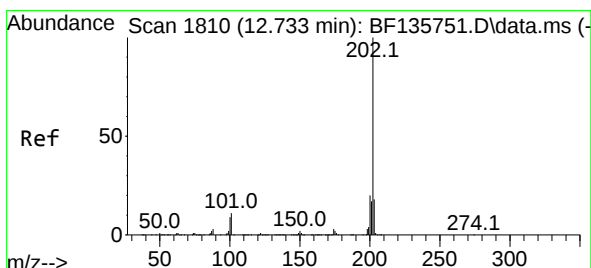
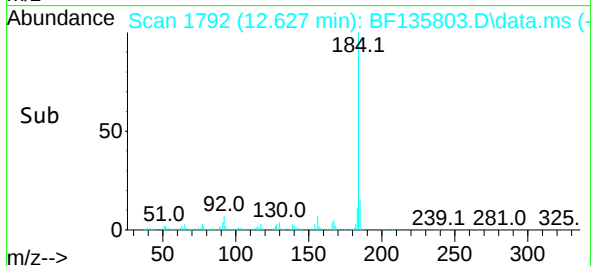
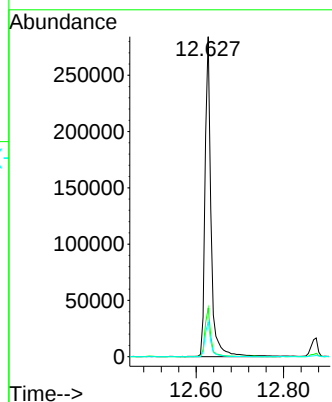
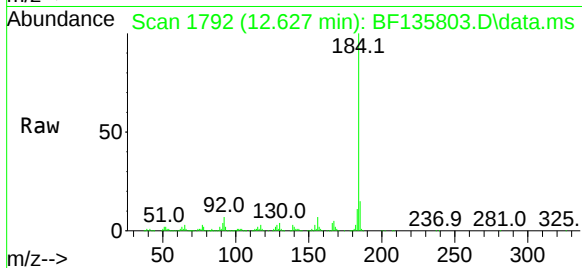
Tgt Ion:184 Resp: 270285

Ion Ratio Lower Upper

184 100

185 15.2 12.0 18.0

183 10.8 8.2 12.2



#78

Pyrene

Concen: 43.148 ng

RT: 12.727 min Scan# 1809

Delta R.T. -0.006 min

Lab File: BF135803.D

Acq: 17 Oct 2023 10:24

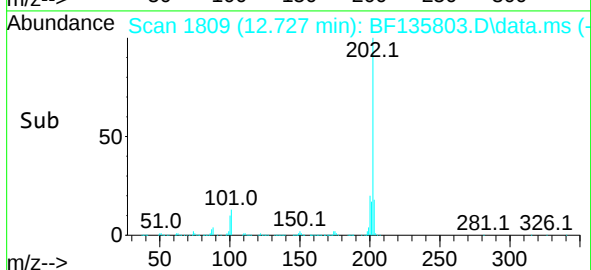
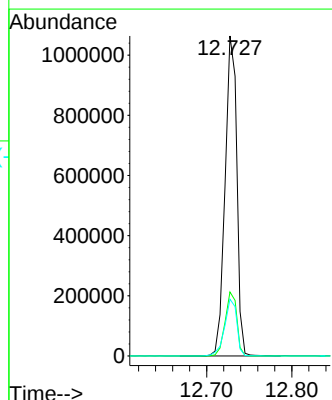
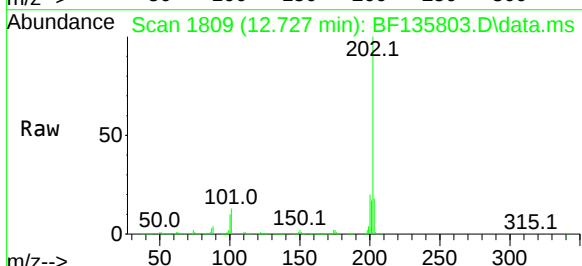
Tgt Ion:202 Resp: 1016366

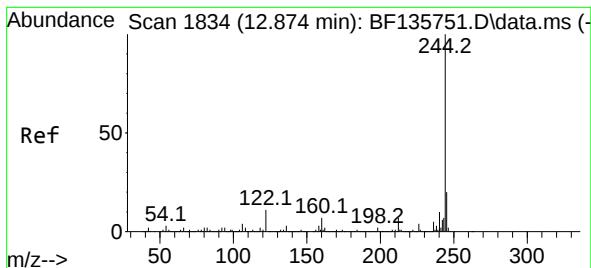
Ion Ratio Lower Upper

202 100

200 20.0 16.1 24.1

203 17.7 14.2 21.2





#79

Terphenyl-d14

Concen: 83.299 ng

RT: 12.874 min Scan# 1834

Delta R.T. -0.006 min

Lab File: BF135803.D

Acq: 17 Oct 2023 10:24

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

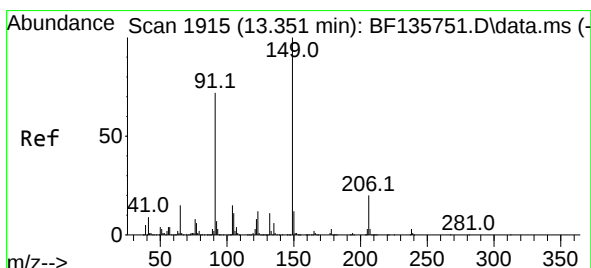
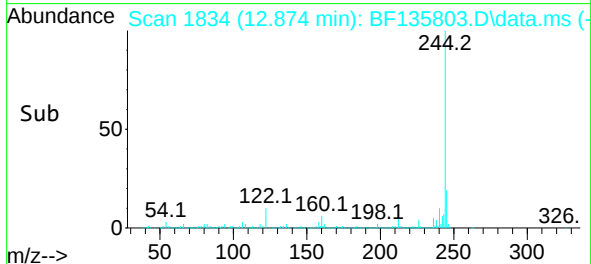
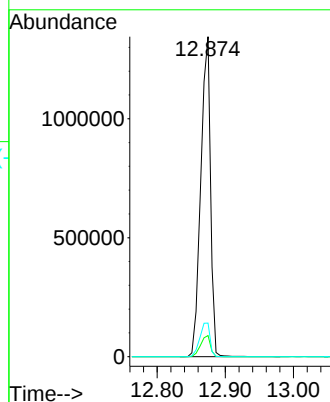
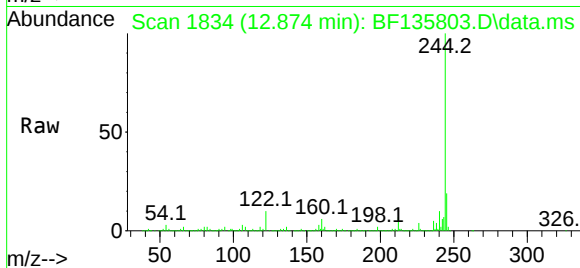
Tgt Ion:244 Resp: 1333322

Ion Ratio Lower Upper

244 100

212 6.6 5.6 8.4

122 10.5 9.0 13.6



#80

Butylbenzylphthalate

Concen: 42.902 ng

RT: 13.351 min Scan# 1915

Delta R.T. -0.006 min

Lab File: BF135803.D

Acq: 17 Oct 2023 10:24

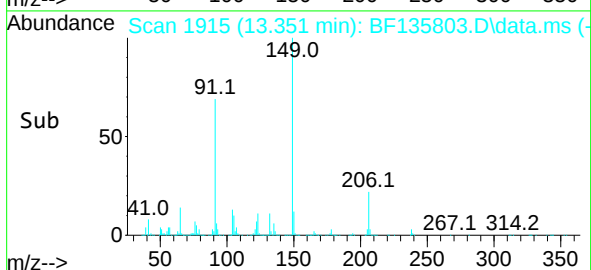
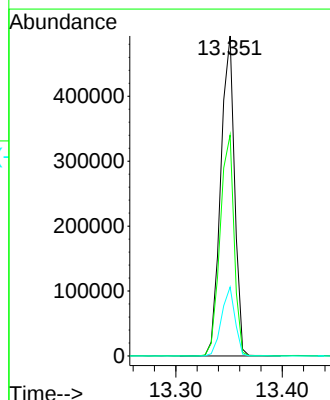
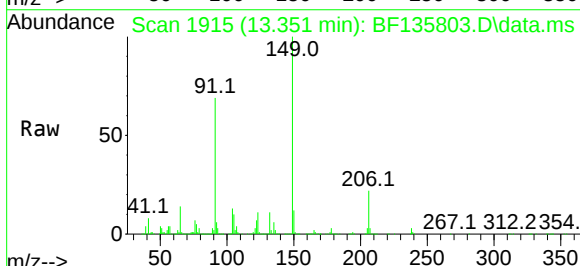
Tgt Ion:149 Resp: 444087

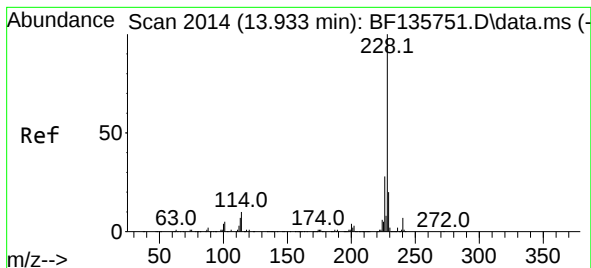
Ion Ratio Lower Upper

149 100

91 69.0 57.4 86.0

206 21.6 16.2 24.4





#81

Benzo(a)anthracene

Concen: 41.947 ng

RT: 13.933 min Scan# 2014

Delta R.T. -0.006 min

Lab File: BF135803.D

Acq: 17 Oct 2023 10:24

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

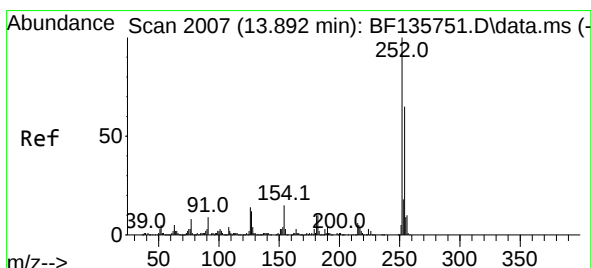
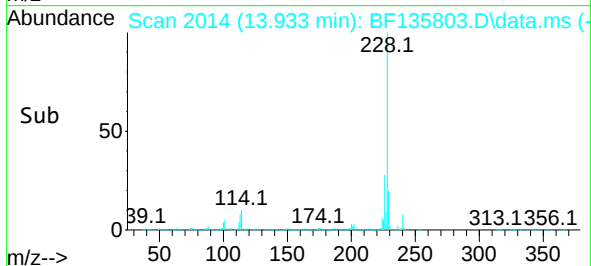
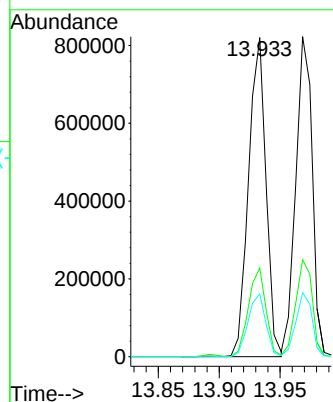
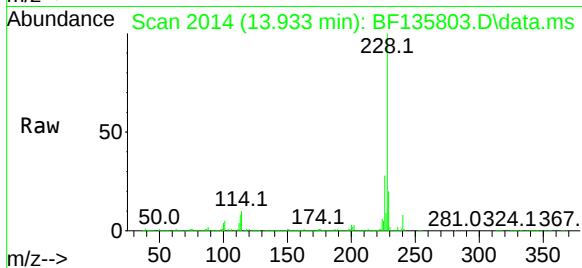
Tgt Ion:228 Resp: 816714

Ion Ratio Lower Upper

228 100

226 27.8 22.2 33.2

229 19.7 16.1 24.1



#82

3,3'-Dichlorobenzidine

Concen: 40.354 ng

RT: 13.892 min Scan# 2007

Delta R.T. -0.006 min

Lab File: BF135803.D

Acq: 17 Oct 2023 10:24

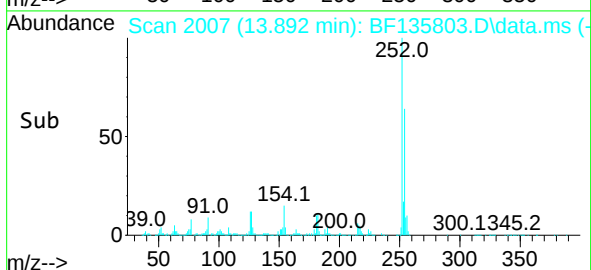
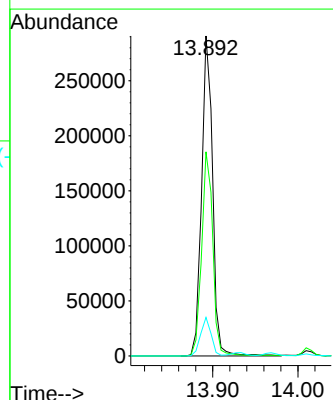
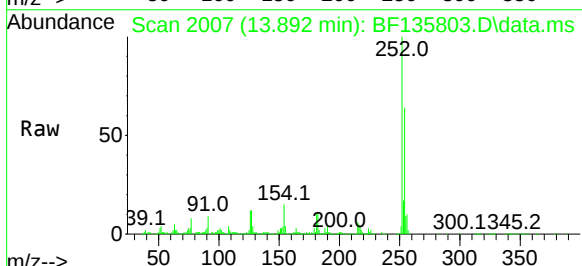
Tgt Ion:252 Resp: 260582

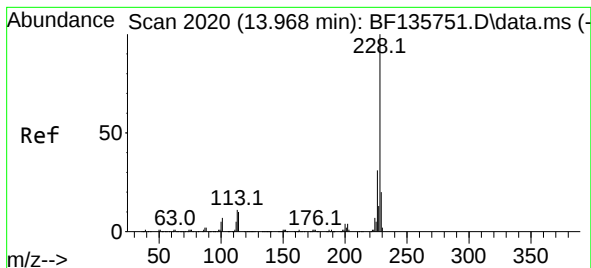
Ion Ratio Lower Upper

252 100

254 63.8 51.8 77.6

126 12.1 11.0 16.4





#83

Chrysene

Concen: 41.135 ng

RT: 13.969 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF135803.D

Acq: 17 Oct 2023 10:24

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

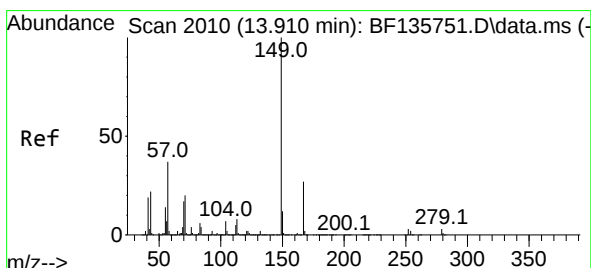
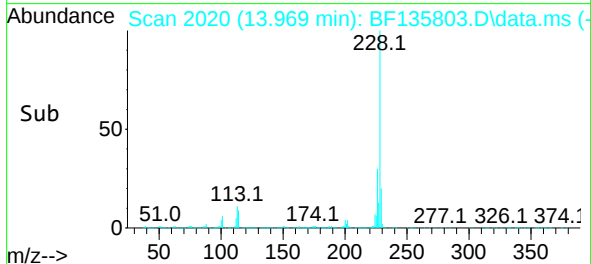
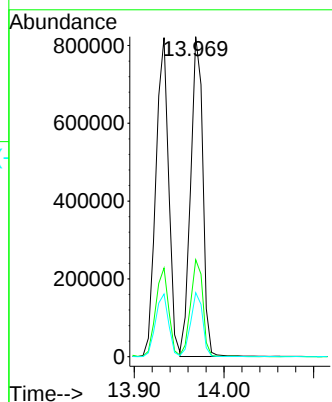
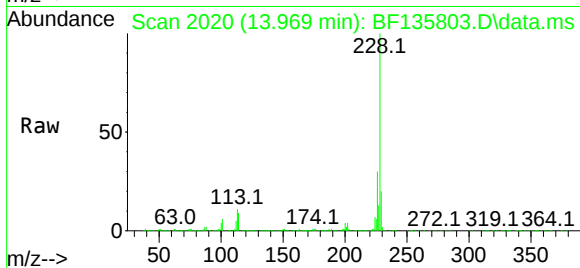
Tgt Ion:228 Resp: 775744

Ion Ratio Lower Upper

228 100

226 30.3 24.4 36.6

229 20.0 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.258 ng

RT: 13.910 min Scan# 2010

Delta R.T. -0.006 min

Lab File: BF135803.D

Acq: 17 Oct 2023 10:24

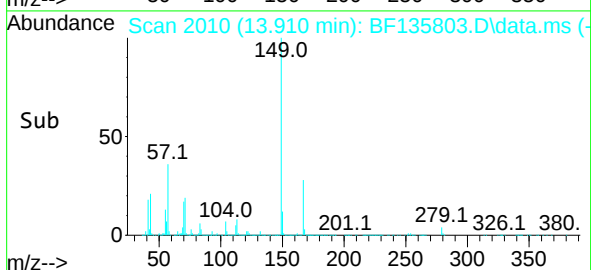
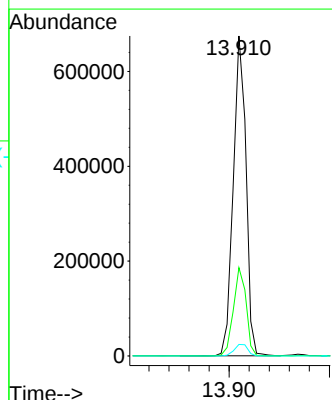
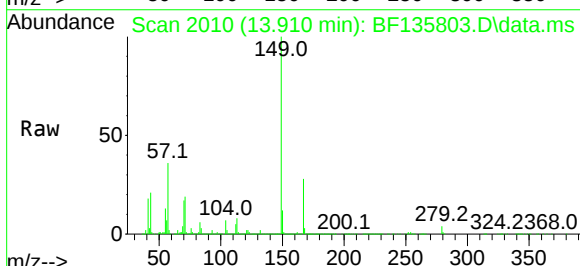
Tgt Ion:149 Resp: 592845

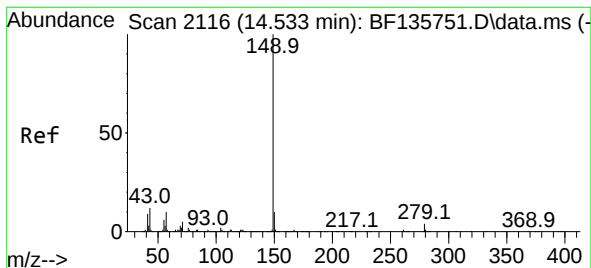
Ion Ratio Lower Upper

149 100

167 27.6 21.3 31.9

279 3.6 2.7 4.1





#85

Di-n-octyl phthalate

Concen: 40.817 ng

RT: 14.527 min Scan# 2116

Delta R.T. -0.006 min

Lab File: BF135803.D

Acq: 17 Oct 2023 10:24

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

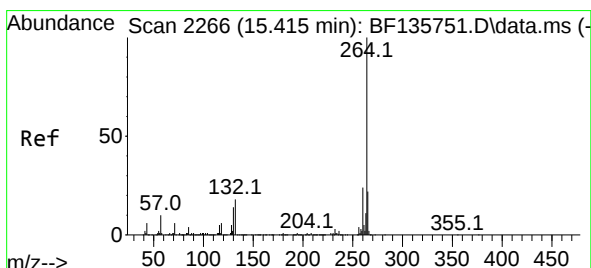
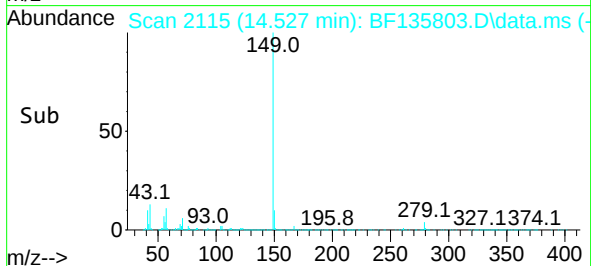
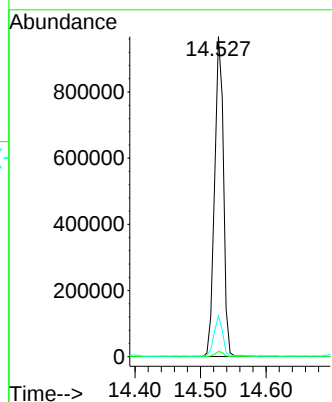
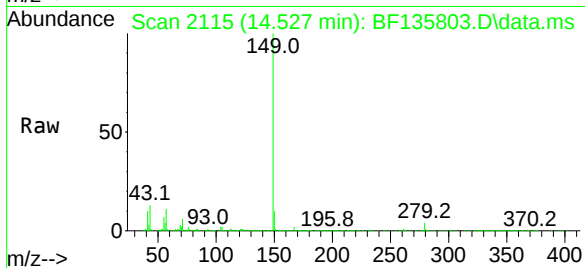
Tgt Ion:149 Resp: 908026

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

43 12.0 10.1 15.1



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.415 min Scan# 2266

Delta R.T. -0.006 min

Lab File: BF135803.D

Acq: 17 Oct 2023 10:24

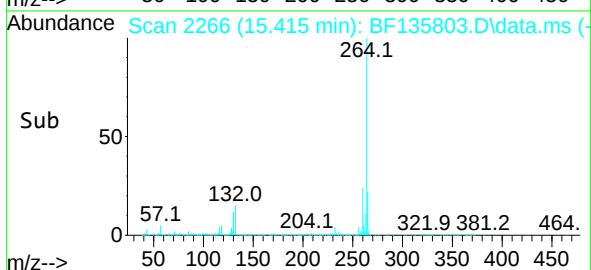
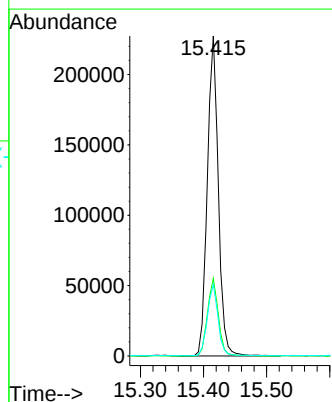
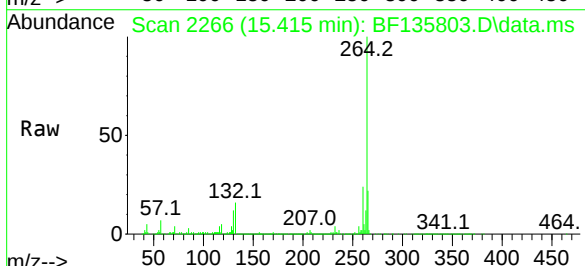
Tgt Ion:264 Resp: 276208

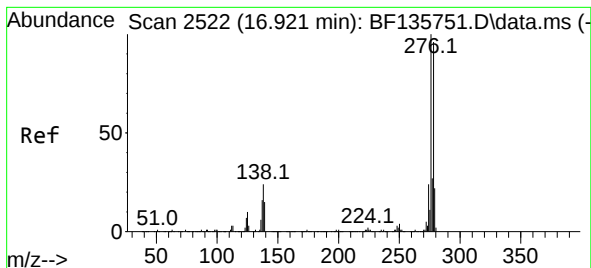
Ion Ratio Lower Upper

264 100

260 24.2 19.2 28.8

265 22.4 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 39.839 ng

RT: 16.927 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF135803.D

Acq: 17 Oct 2023 10:24

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

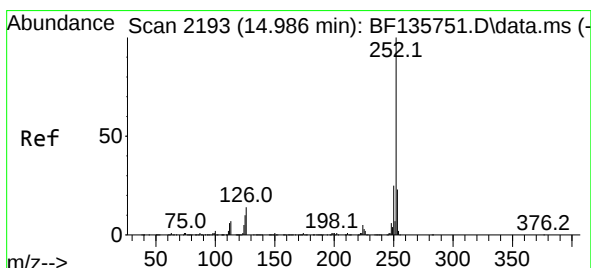
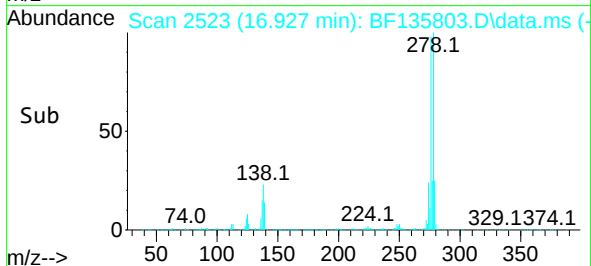
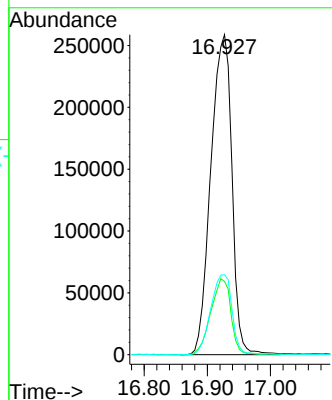
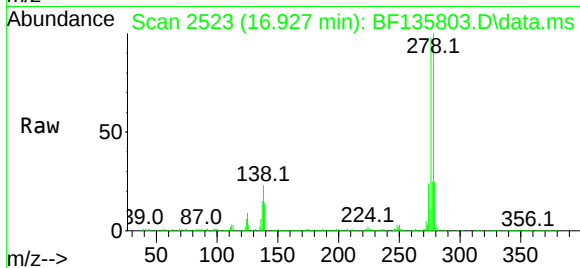
Tgt Ion:276 Resp: 599572

Ion Ratio Lower Upper

276 100

138 22.7 19.8 29.6

277 25.3 20.2 30.4



#88

Benzo(b)fluoranthene

Concen: 40.232 ng

RT: 14.986 min Scan# 2193

Delta R.T. -0.006 min

Lab File: BF135803.D

Acq: 17 Oct 2023 10:24

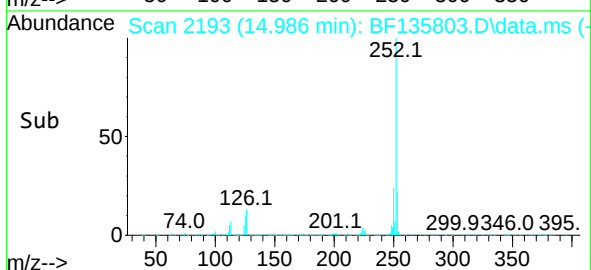
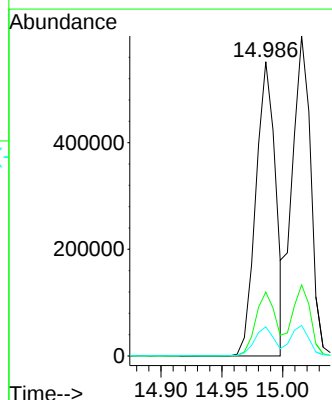
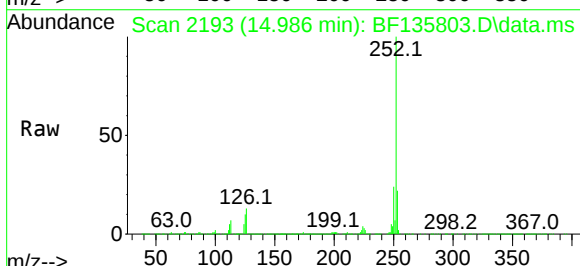
Tgt Ion:252 Resp: 621928

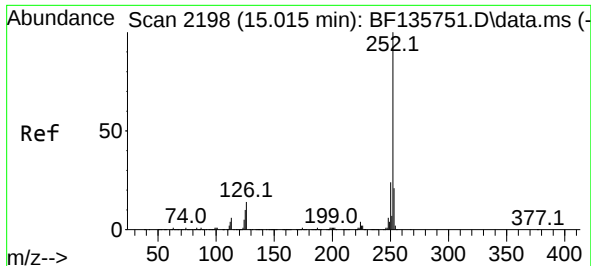
Ion Ratio Lower Upper

252 100

253 21.7 18.2 27.2

125 9.9 8.2 12.2

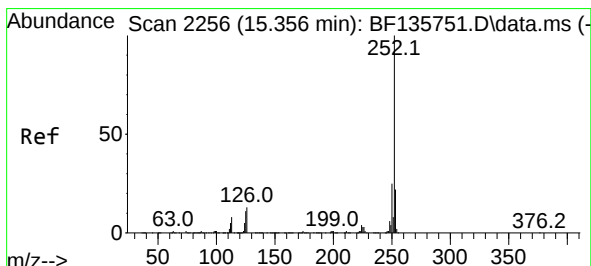
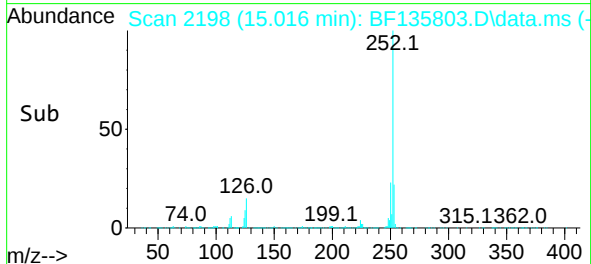
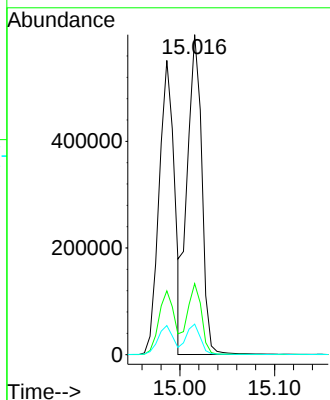
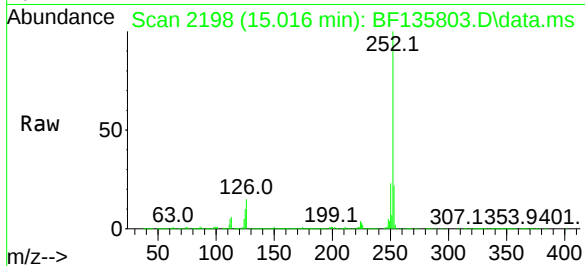




#89  
Benzo(k)fluoranthene  
Concen: 42.562 ng  
RT: 15.016 min Scan# 2198  
Delta R.T. -0.006 min  
Lab File: BF135803.D  
Acq: 17 Oct 2023 10:24

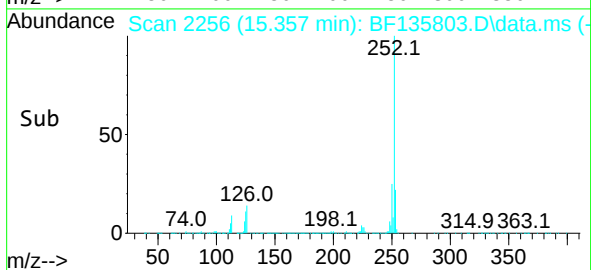
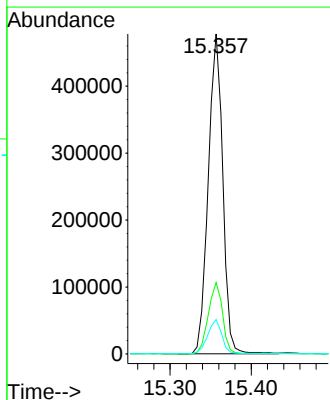
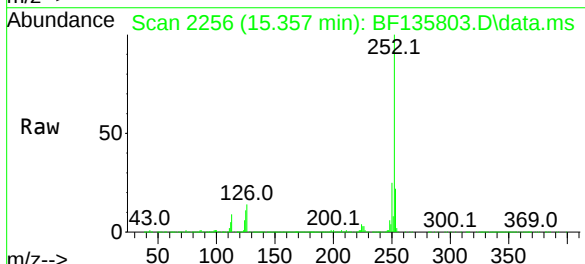
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

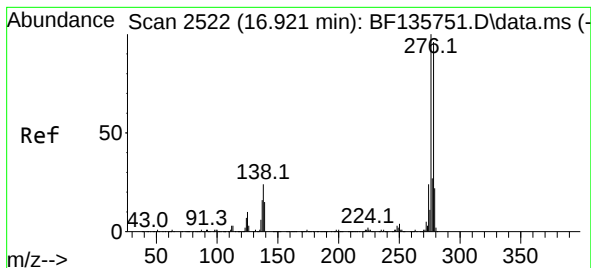
Tgt Ion:252 Resp: 638768  
Ion Ratio Lower Upper  
252 100  
253 22.2 17.4 26.0  
125 9.5 8.3 12.5



#90  
Benzo(a)pyrene  
Concen: 40.632 ng  
RT: 15.357 min Scan# 2256  
Delta R.T. -0.006 min  
Lab File: BF135803.D  
Acq: 17 Oct 2023 10:24

Tgt Ion:252 Resp: 590631  
Ion Ratio Lower Upper  
252 100  
253 22.3 17.4 26.2  
125 10.8 8.8 13.2





#91

Dibenzo(a,h)anthracene

Concen: 39.765 ng

RT: 16.927 min Scan# 2522

Delta R.T. -0.012 min

Lab File: BF135803.D

Acq: 17 Oct 2023 10:24

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

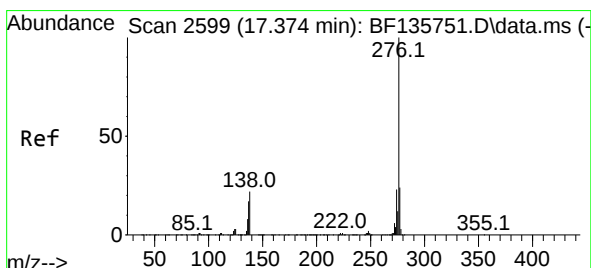
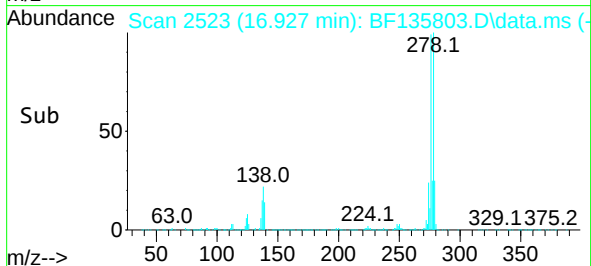
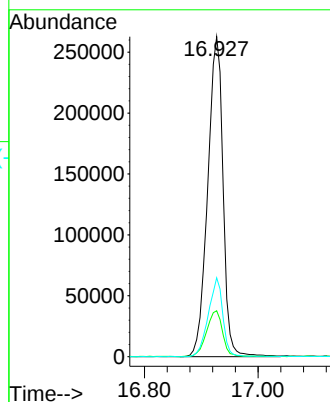
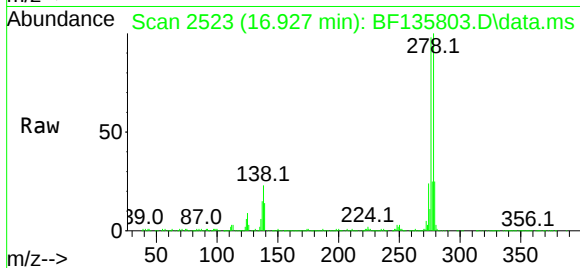
Tgt Ion:278 Resp: 490600

Ion Ratio Lower Upper

278 100

139 14.4 12.5 18.7

279 24.7 18.6 27.8



#92

Benzo(g,h,i)perylene

Concen: 39.035 ng

RT: 17.374 min Scan# 2599

Delta R.T. -0.012 min

Lab File: BF135803.D

Acq: 17 Oct 2023 10:24

Tgt Ion:276 Resp: 494700

Ion Ratio Lower Upper

276 100

277 24.8 19.4 29.2

138 20.2 17.3 25.9

