

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF100523\  
 Data File : BF135598.D  
 Acq On : 05 Oct 2023 14:21  
 Operator : CG\JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Quant Time: Oct 06 03:29:30 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF091123.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Oct 04 17:06:20 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.740  | 152  | 150069   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.022  | 136  | 562556   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.775  | 164  | 286054   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.269 | 188  | 566966   | 20.000 | ng    | # 0.00   |
| 76) Chrysene-d12              | 13.934 | 240  | 312822   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 15.392 | 264  | 273539   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.369  | 112  | 711733   | 77.138 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.393  | 99   | 873291   | 74.434 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.310  | 82   | 828907   | 80.053 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.575 | 330  | 204743   | 72.025 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.099  | 172  | 1391615  | 73.397 | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.869 | 244  | 1463497  | 72.524 | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.434  | 88   | 168934   | 41.765 | ng    | 94       |
| 3) Pyridine                   | 3.181  | 79   | 452163   | 41.535 | ng    | 97       |
| 4) n-Nitrosodimethylamine     | 3.152  | 42   | 239209   | 41.408 | ng    | 97       |
| 6) Aniline                    | 6.410  | 93   | 553416   | 35.971 | ng    | # 66     |
| 8) 2-Chlorophenol             | 6.528  | 128  | 372344   | 37.803 | ng    | 98       |
| 9) Benzaldehyde               | 6.299  | 77   | 240206   | 35.939 | ng    | 98       |
| 10) Phenol                    | 6.405  | 94   | 467553   | 36.343 | ng    | # 74     |
| 11) bis(2-Chloroethyl)ether   | 6.481  | 93   | 380197   | 39.398 | ng    | 97       |
| 12) 1,3-Dichlorobenzene       | 6.681  | 146  | 375521   | 37.514 | ng    | 99       |
| 13) 1,4-Dichlorobenzene       | 6.757  | 146  | 382669   | 37.574 | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 6.910  | 146  | 350587   | 37.069 | ng    | 98       |
| 15) Benzyl Alcohol            | 6.893  | 79   | 287773   | 34.181 | ng    | 98       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.016  | 45   | 682241   | 37.507 | ng    | 71       |
| 17) 2-Methylphenol            | 7.010  | 107  | 322960   | 37.156 | ng    | # 94     |
| 18) Hexachloroethane          | 7.246  | 117  | 144455   | 38.388 | ng    | 94       |
| 19) n-Nitroso-di-n-propyla... | 7.157  | 70   | 259067   | 35.650 | ng    | 95       |
| 20) 3+4-Methylphenols         | 7.163  | 107  | 391749   | 37.482 | ng    | # 76     |
| 22) Acetophenone              | 7.152  | 105  | 504354   | 39.214 | ng    | 92       |
| 24) Nitrobenzene              | 7.328  | 77   | 416978   | 40.743 | ng    | 99       |
| 25) Isophorone                | 7.563  | 82   | 778501   | 40.944 | ng    | 98       |
| 26) 2-Nitrophenol             | 7.640  | 139  | 207289   | 42.201 | ng    | 95       |
| 27) 2,4-Dimethylphenol        | 7.687  | 122  | 333760   | 40.424 | ng    | 98       |
| 28) bis(2-Chloroethoxy)met... | 7.775  | 93   | 468650   | 41.181 | ng    | 100      |
| 29) 2,4-Dichlorophenol        | 7.887  | 162  | 306943   | 40.120 | ng    | 98       |
| 30) 1,2,4-Trichlorobenzene    | 7.963  | 180  | 311377   | 38.939 | ng    | 100      |
| 31) Naphthalene               | 8.040  | 128  | 1084052  | 39.661 | ng    | 100      |
| 32) Benzoic acid              | 7.834  | 122  | 231801   | 37.284 | ng    | 99       |
| 33) 4-Chloroaniline           | 8.099  | 127  | 475621   | 39.661 | ng    | 99       |
| 34) Hexachlorobutadiene       | 8.152  | 225  | 178245   | 36.967 | ng    | 100      |
| 35) Caprolactam               | 8.481  | 113  | 112418   | 43.783 | ng    | 96       |
| 36) 4-Chloro-3-methylphenol   | 8.593  | 107  | 339582   | 39.937 | ng    | 98       |
| 37) 2-Methylnaphthalene       | 8.734  | 142  | 718147   | 39.087 | ng    | 99       |
| 38) 1-Methylnaphthalene       | 8.834  | 142  | 668452   | 38.860 | ng    | 100      |
| 40) 1,2,4,5-Tetrachloroben... | 8.899  | 216  | 325821   | 39.316 | ng    | 98       |
| 41) Hexachlorocyclopentadiene | 8.881  | 237  | 179723   | 52.059 | ng    | 100      |
| 43) 2,4,6-Trichlorophenol     | 9.022  | 196  | 211766   | 39.028 | ng    | 99       |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF100523\  
 Data File : BF135598.D  
 Acq On : 05 Oct 2023 14:21  
 Operator : CG\JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Quant Time: Oct 06 03:29:30 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF091123.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Oct 04 17:06:20 2023  
 Response via : Initial Calibration

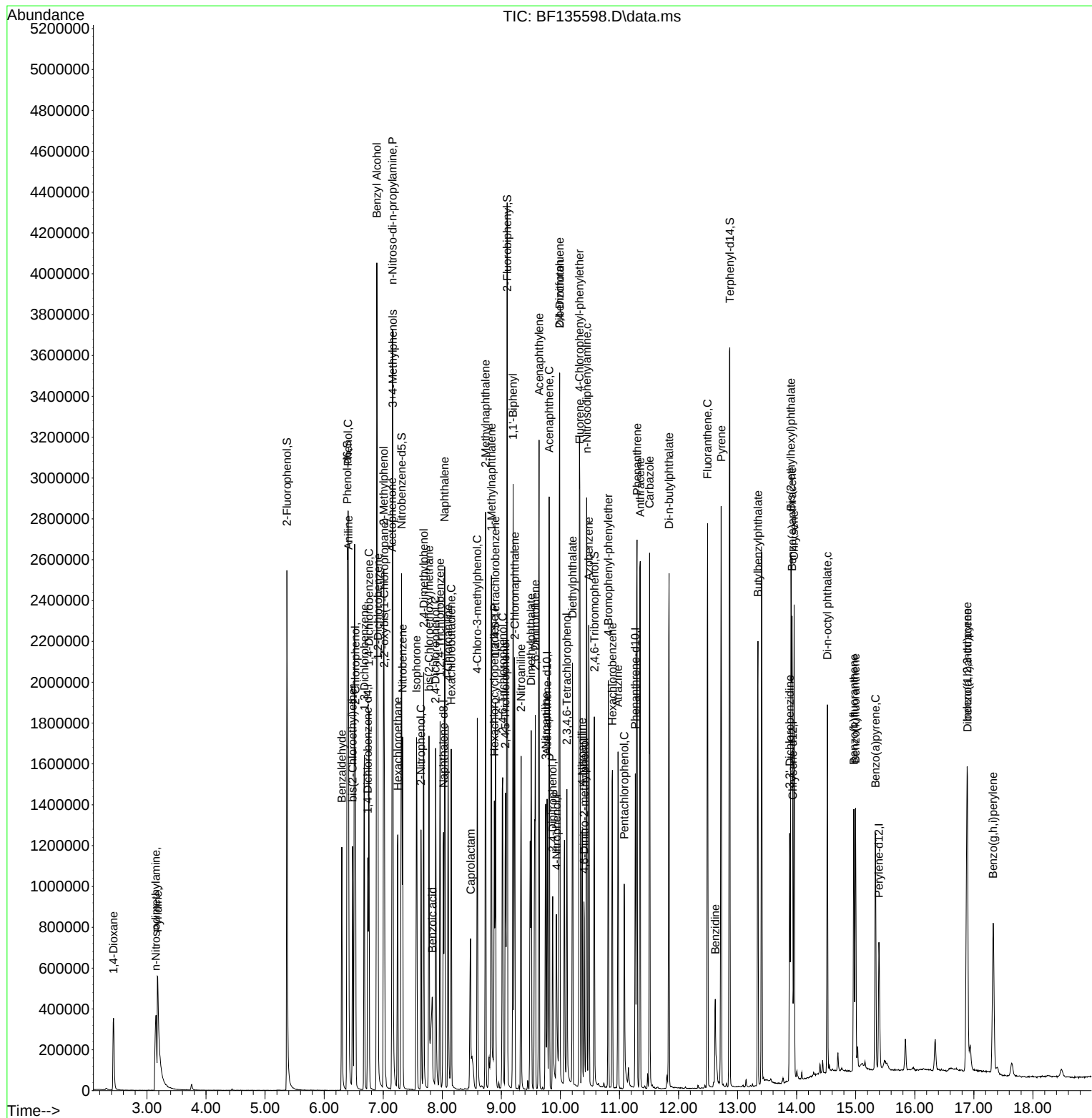
| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.069  | 196  | 241405   | 38.633 | ng    | 99       |
| 46) 1,1'-Biphenyl             | 9.198  | 154  | 865592   | 39.376 | ng    | 98       |
| 47) 2-Chloronaphthalene       | 9.228  | 162  | 636493   | 39.906 | ng    | 98       |
| 48) 2-Nitroaniline            | 9.334  | 65   | 264733   | 42.723 | ng    | 99       |
| 49) Acenaphthylene            | 9.640  | 152  | 999747   | 37.716 | ng    | 100      |
| 50) Dimethylphthalate         | 9.504  | 163  | 767699   | 39.695 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 9.575  | 165  | 172869   | 40.802 | ng    | 99       |
| 52) Acenaphthene              | 9.810  | 154  | 614591   | 39.248 | ng    | 98       |
| 53) 3-Nitroaniline            | 9.751  | 138  | 211418   | 42.511 | ng    | 91       |
| 54) 2,4-Dinitrophenol         | 9.869  | 184  | 137233   | 58.849 | ng    | 94       |
| 55) Dibenzofuran              | 9.987  | 168  | 883781   | 36.985 | ng    | 98       |
| 56) 4-Nitrophenol             | 9.934  | 139  | 155870   | 49.314 | ng    | 92       |
| 57) 2,4-Dinitrotoluene        | 9.987  | 165  | 200717   | 37.842 | ng    | # 79     |
| 58) Fluorene                  | 10.328 | 166  | 712888   | 38.807 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.110 | 232  | 179235   | 37.288 | ng    | 99       |
| 60) Diethylphthalate          | 10.204 | 149  | 778613   | 40.115 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 10.322 | 204  | 335357   | 38.004 | ng    | 96       |
| 62) 4-Nitroaniline            | 10.369 | 138  | 195349   | 40.863 | ng    | 97       |
| 63) Azobenzene                | 10.481 | 77   | 802159   | 42.228 | ng    | 96       |
| 65) 4,6-Dinitro-2-methylph... | 10.404 | 198  | 122870   | 40.802 | ng    | 83       |
| 66) n-Nitrosodiphenylamine    | 10.445 | 169  | 663636   | 38.663 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 10.810 | 248  | 214189   | 37.984 | ng    | 93       |
| 68) Hexachlorobenzene         | 10.881 | 284  | 215231   | 37.466 | ng    | 96       |
| 69) Atrazine                  | 10.975 | 200  | 175269   | 37.949 | ng    | 98       |
| 70) Pentachlorophenol         | 11.081 | 266  | 131829   | 38.355 | ng    | 98       |
| 71) Phenanthrene              | 11.298 | 178  | 1042917  | 38.893 | ng    | 99       |
| 72) Anthracene                | 11.351 | 178  | 1067984  | 38.747 | ng    | 99       |
| 73) Carbazole                 | 11.510 | 167  | 1034618  | 41.234 | ng    | 99       |
| 74) Di-n-butylphthalate       | 11.840 | 149  | 1241312  | 41.984 | ng    | 100      |
| 75) Fluoranthene              | 12.492 | 202  | 1156784  | 41.401 | ng    | 100      |
| 77) Benzidine                 | 12.622 | 184  | 220655   | 34.430 | ng    | 99       |
| 78) Pyrene                    | 12.722 | 202  | 1171069  | 39.320 | ng    | 100      |
| 80) Butylbenzylphthalate      | 13.345 | 149  | 500845   | 47.763 | ng    | 99       |
| 81) Benzo(a)anthracene        | 13.922 | 228  | 816866   | 40.439 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 13.881 | 252  | 266283   | 42.204 | ng    | # 98     |
| 83) Chrysene                  | 13.957 | 228  | 793581   | 39.515 | ng    | 100      |
| 84) Bis(2-ethylhexyl)phtha... | 13.904 | 149  | 616935   | 57.333 | ng    | 99       |
| 85) Di-n-octyl phthalate      | 14.522 | 149  | 822525   | 48.099 | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 16.886 | 276  | 753393   | 42.007 | ng    | 97       |
| 88) Benzo(b)fluoranthene      | 14.969 | 252  | 560783   | 37.871 | ng    | # 98     |
| 89) Benzo(k)fluoranthene      | 14.998 | 252  | 577540   | 39.484 | ng    | # 97     |
| 90) Benzo(a)pyrene            | 15.333 | 252  | 554570   | 39.273 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 16.892 | 278  | 613985   | 41.840 | ng    | 97       |
| 92) Benzo(g,h,i)perylene      | 17.327 | 276  | 615349   | 40.151 | ng    | 97       |

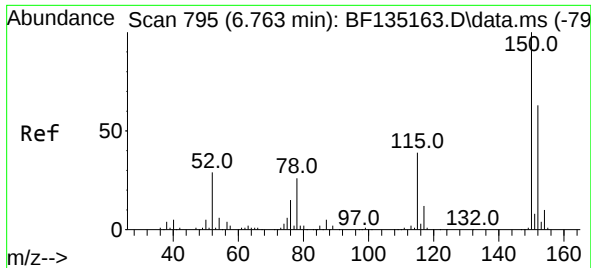
(#) = qualifier out of range (m) = manual integration (+) = signals summed

```
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100523\  
Data File : BF135598.D  
Acq On    : 05 Oct 2023  14:21  
Operator  : CG\JU  
Sample    : SSTDCCC040  
Misc      :  
ALS Vial  : 2    Sample Multiplier: 1
```

**Instrument :**  
BNA\_F  
**ClientSampleId :**  
SSTDCCC040

Quant Time: Oct 06 03:29:30 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF091123.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Oct 04 17:06:20 2023  
Response via : Initial Calibration

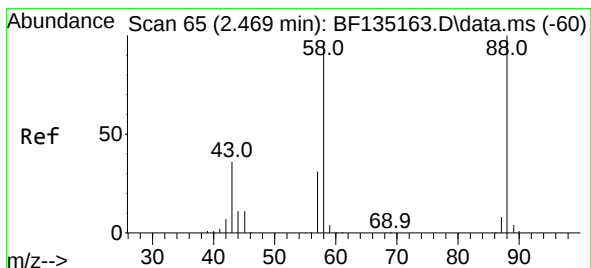
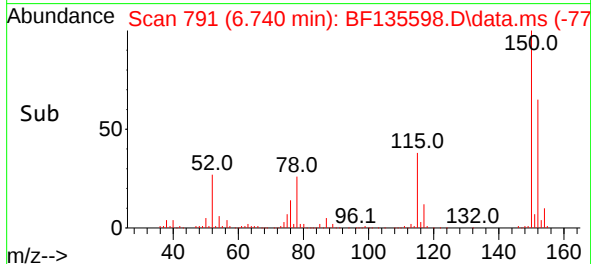
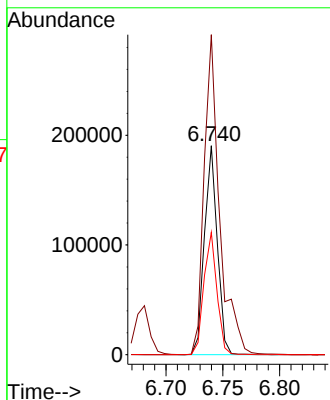
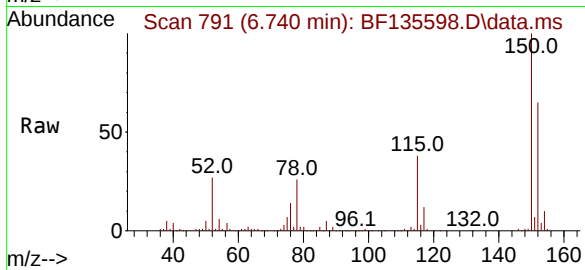




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.740 min Scan# 79  
Delta R.T. 0.001 min  
Lab File: BF135598.D  
Acq: 05 Oct 2023 14:21

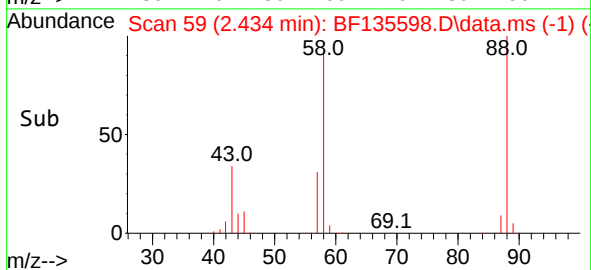
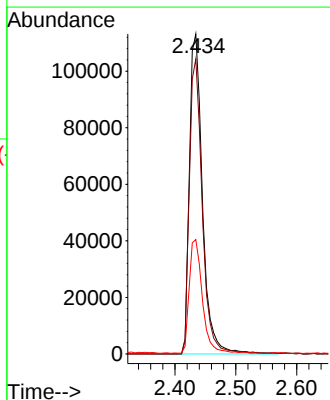
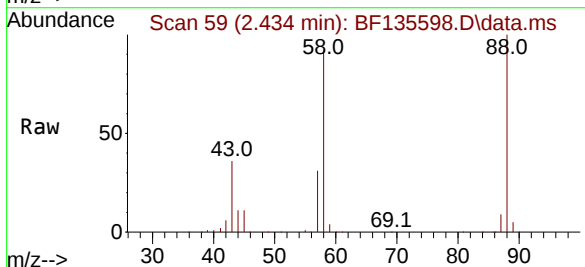
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

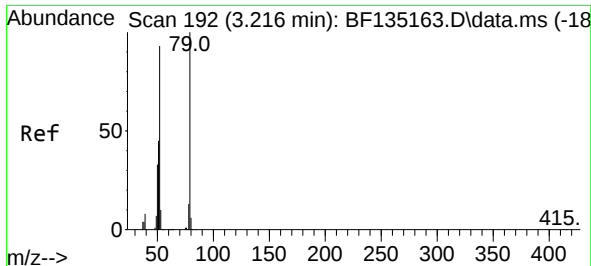
Tgt Ion:152 Resp: 150069  
Ion Ratio Lower Upper  
152 100  
150 153.1 127.8 191.6  
115 58.5 49.8 74.8



#2  
1,4-Dioxane  
Concen: 41.765 ng  
RT: 2.434 min Scan# 59  
Delta R.T. 0.012 min  
Lab File: BF135598.D  
Acq: 05 Oct 2023 14:21

Tgt Ion: 88 Resp: 168934  
Ion Ratio Lower Upper  
88 100  
58 90.9 78.3 117.5  
43 35.7 29.4 44.0

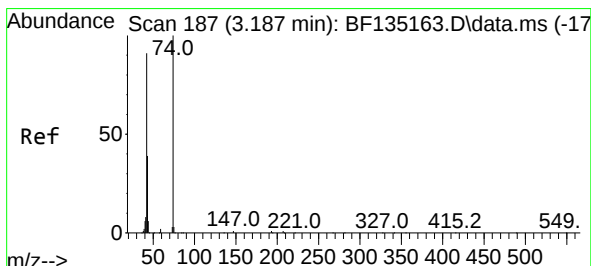
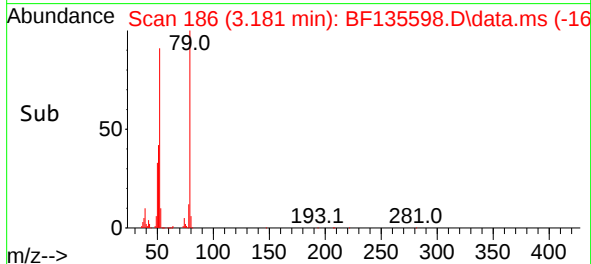
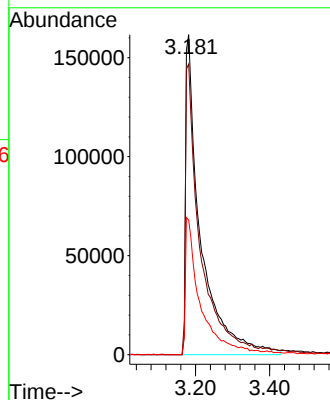
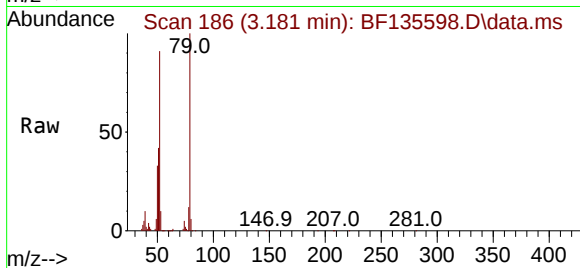




#3  
 Pyridine  
 Concen: 41.535 ng  
 RT: 3.181 min Scan# 186  
 Delta R.T. 0.018 min  
 Lab File: BF135598.D  
 Acq: 05 Oct 2023 14:21

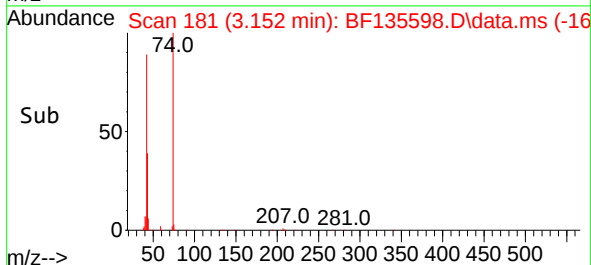
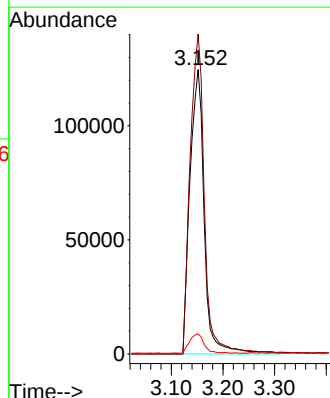
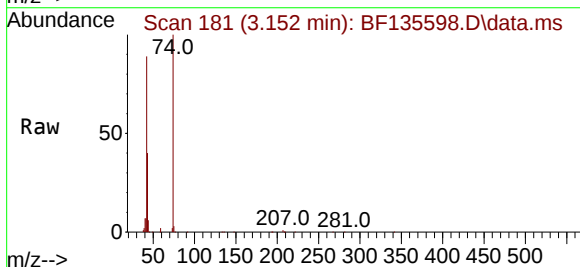
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

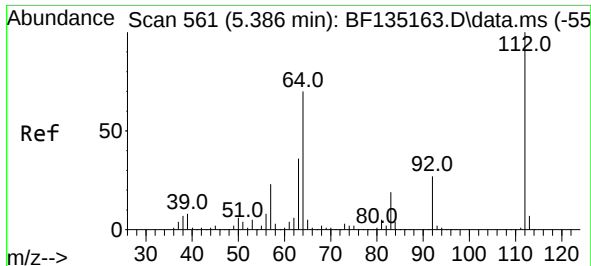
Tgt Ion: 79 Resp: 452163  
 Ion Ratio Lower Upper  
 79 100  
 52 90.8 74.1 111.1  
 51 42.0 35.8 53.8



#4  
 n-Nitrosodimethylamine  
 Concen: 41.408 ng  
 RT: 3.152 min Scan# 181  
 Delta R.T. 0.018 min  
 Lab File: BF135598.D  
 Acq: 05 Oct 2023 14:21

Tgt Ion: 42 Resp: 239209  
 Ion Ratio Lower Upper  
 42 100  
 74 112.5 87.7 131.5  
 44 7.1 5.6 8.4

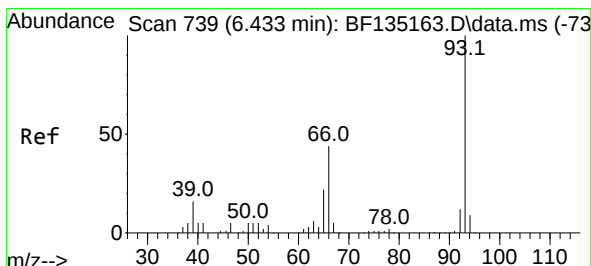
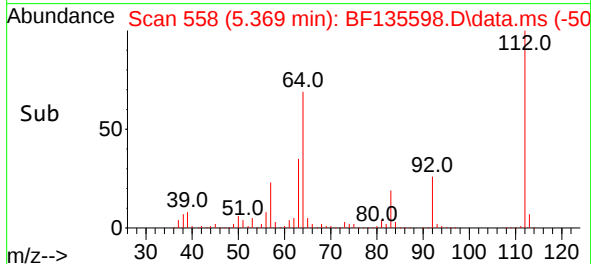
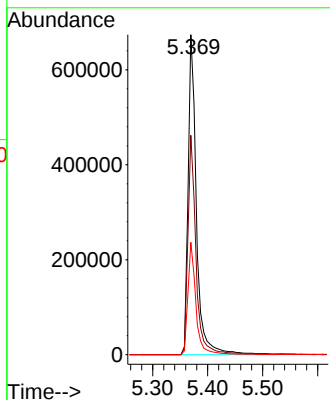
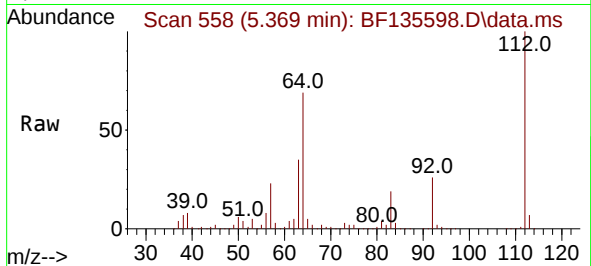




#5  
2-Fluorophenol  
Concen: 77.138 ng  
RT: 5.369 min Scan# 511  
Delta R.T. 0.000 min  
Lab File: BF135598.D  
Acq: 05 Oct 2023 14:21

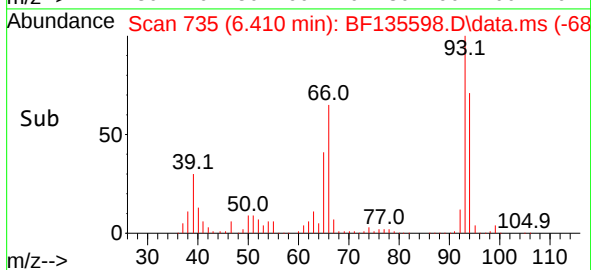
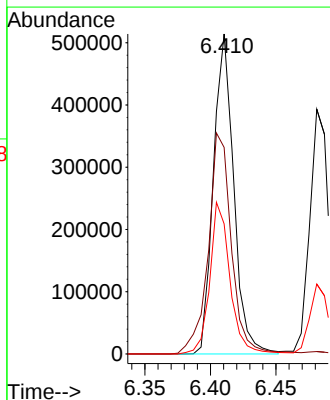
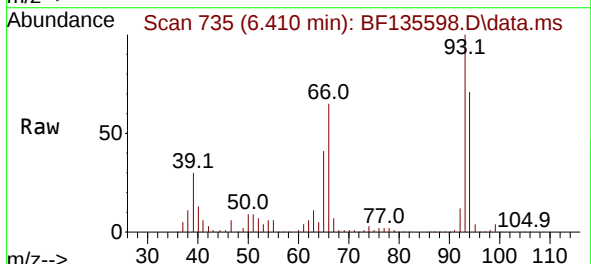
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

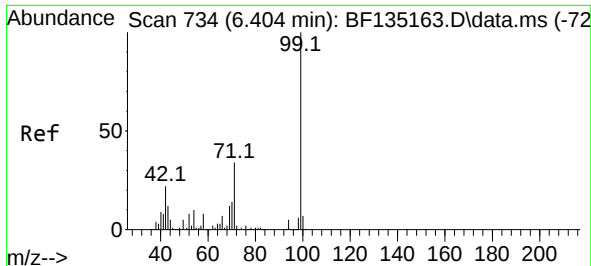
Tgt Ion:112 Resp: 711733  
Ion Ratio Lower Upper  
112 100  
64 68.6 55.9 83.9  
63 35.1 29.0 43.6



#6  
Aniline  
Concen: 35.971 ng  
RT: 6.410 min Scan# 735  
Delta R.T. 0.000 min  
Lab File: BF135598.D  
Acq: 05 Oct 2023 14:21

Tgt Ion: 93 Resp: 553416  
Ion Ratio Lower Upper  
93 100  
66 64.5 35.4 53.0#  
65 40.7 17.8 26.8#

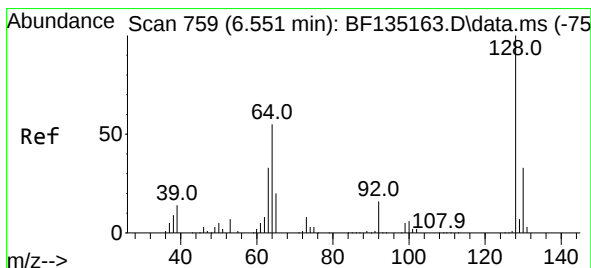
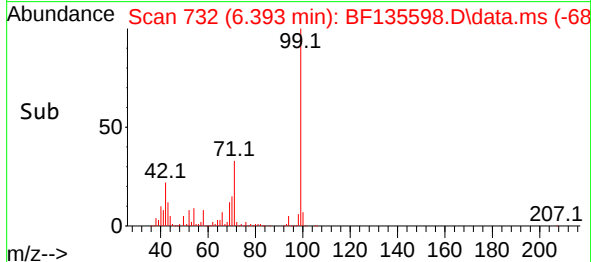
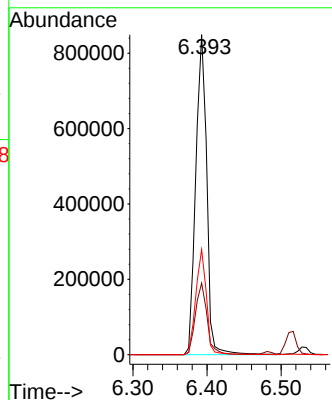
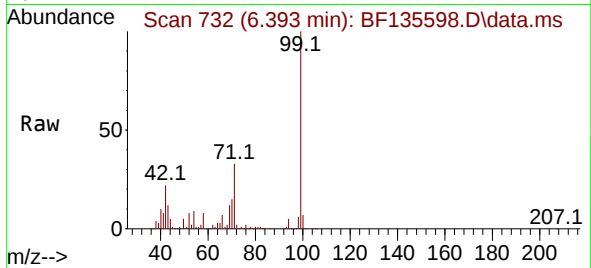




#7  
Phenol-d6  
Concen: 74.434 ng  
RT: 6.393 min Scan# 71  
Delta R.T. 0.006 min  
Lab File: BF135598.D  
Acq: 05 Oct 2023 14:21

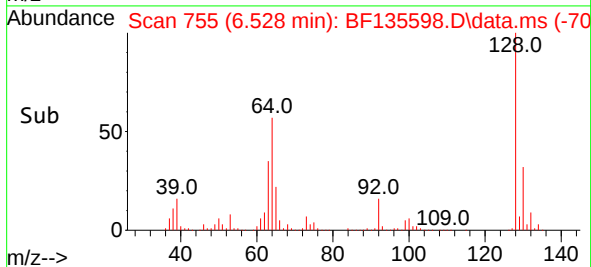
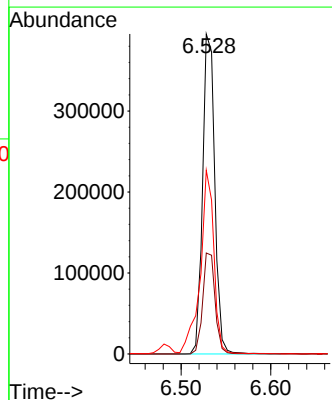
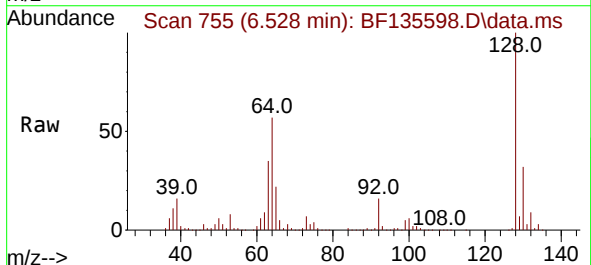
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

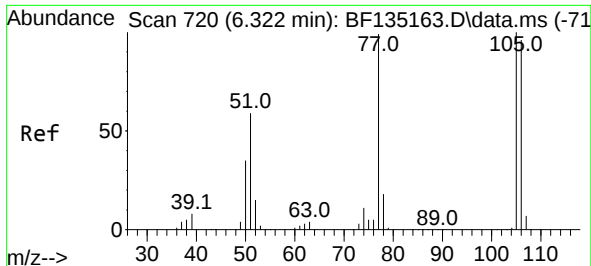
Tgt Ion: 99 Resp: 873291  
Ion Ratio Lower Upper  
99 100  
42 22.3 17.9 26.9  
71 32.9 27.0 40.6



#8  
2-Chlorophenol  
Concen: 37.803 ng  
RT: 6.528 min Scan# 755  
Delta R.T. 0.000 min  
Lab File: BF135598.D  
Acq: 05 Oct 2023 14:21

Tgt Ion:128 Resp: 372344  
Ion Ratio Lower Upper  
128 100  
130 31.6 12.7 52.7  
64 57.4 35.9 75.9

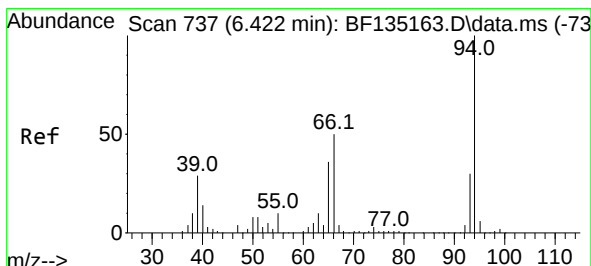
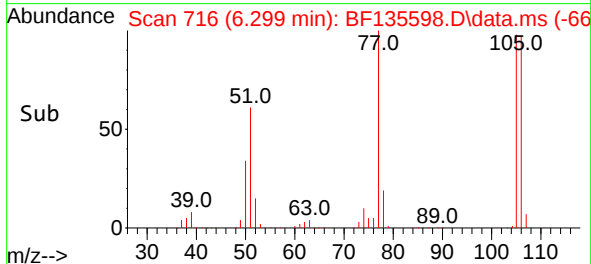
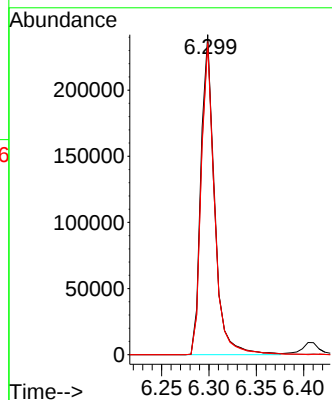
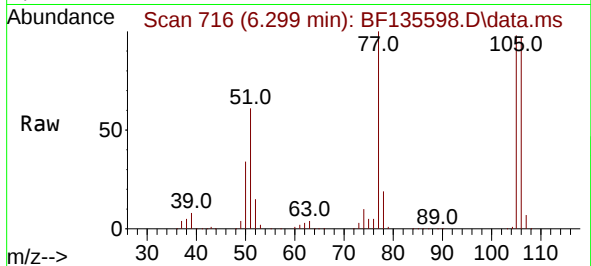




#9  
Benzaldehyde  
Concen: 35.939 ng  
RT: 6.299 min Scan# 716  
Delta R.T. 0.000 min  
Lab File: BF135598.D  
Acq: 05 Oct 2023 14:21

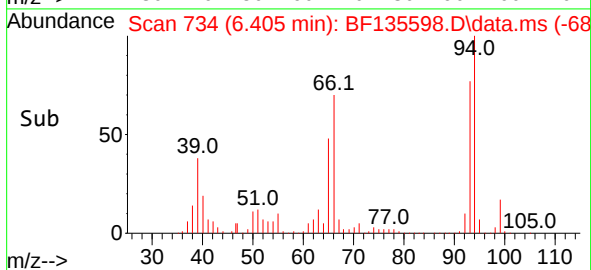
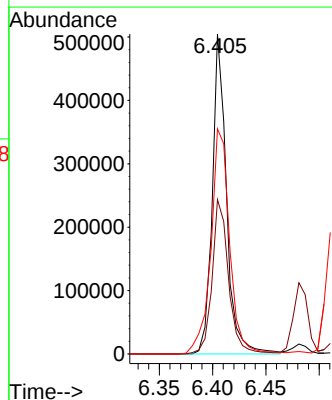
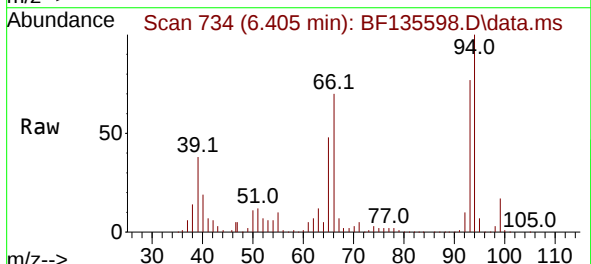
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

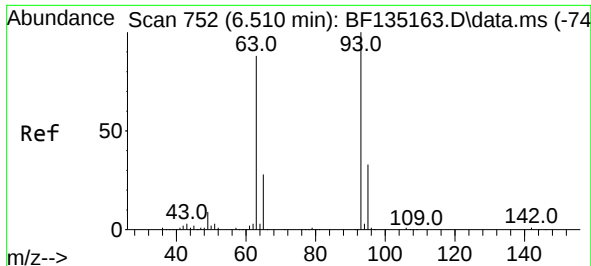
Tgt Ion: 77 Resp: 240206  
Ion Ratio Lower Upper  
77 100  
105 98.0 81.4 121.4  
106 97.2 76.9 116.9



#10  
Phenol  
Concen: 36.343 ng  
RT: 6.405 min Scan# 734  
Delta R.T. 0.000 min  
Lab File: BF135598.D  
Acq: 05 Oct 2023 14:21

Tgt Ion: 94 Resp: 467553  
Ion Ratio Lower Upper  
94 100  
65 48.3 15.9 55.9  
66 70.3 29.8 69.8#

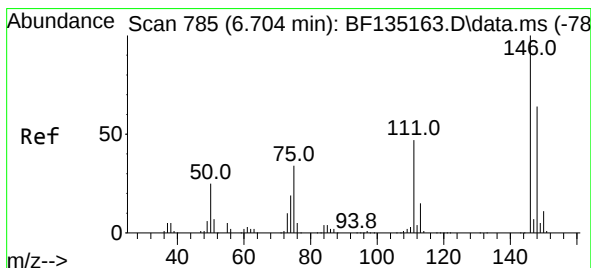
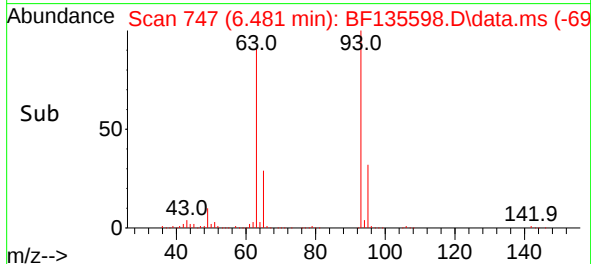
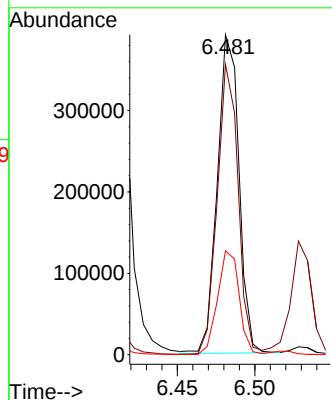
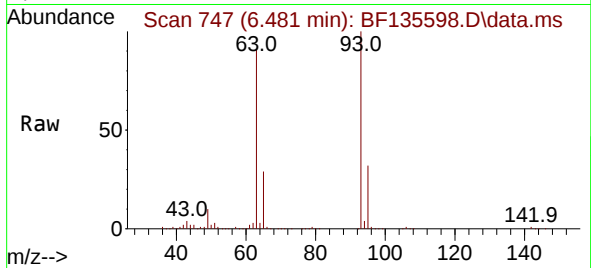




#11  
bis(2-Chloroethyl)ether  
Concen: 39.398 ng  
RT: 6.481 min Scan# 741  
Delta R.T. 0.000 min  
Lab File: BF135598.D  
Acq: 05 Oct 2023 14:21

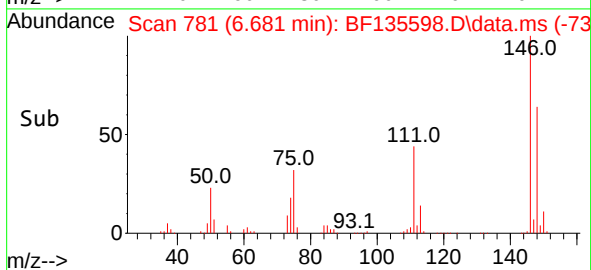
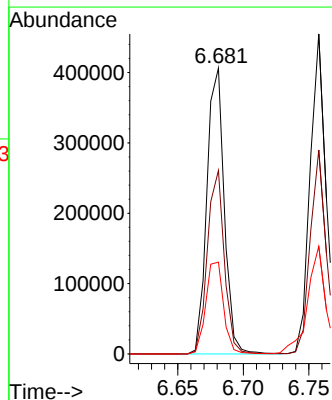
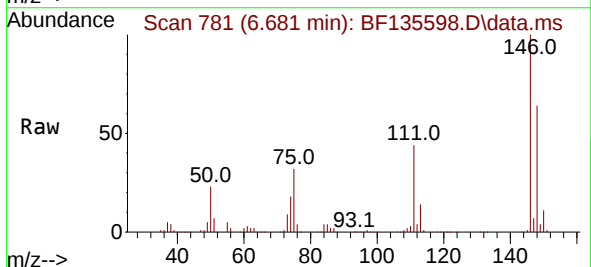
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

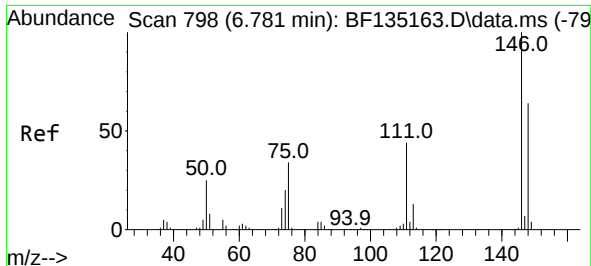
Tgt Ion: 93 Resp: 380197  
Ion Ratio Lower Upper  
93 100  
63 90.8 67.3 107.3  
95 32.4 12.7 52.7



#12  
1,3-Dichlorobenzene  
Concen: 37.514 ng  
RT: 6.681 min Scan# 781  
Delta R.T. 0.000 min  
Lab File: BF135598.D  
Acq: 05 Oct 2023 14:21

Tgt Ion:146 Resp: 375521  
Ion Ratio Lower Upper  
146 100  
148 64.2 51.3 76.9  
75 32.1 27.4 41.2





#13

1,4-Dichlorobenzene

Concen: 37.574 ng

RT: 6.757 min Scan# 79

Delta R.T. 0.000 min

Lab File: BF135598.D

Acq: 05 Oct 2023 14:21

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

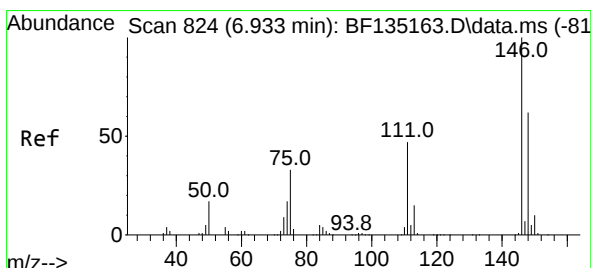
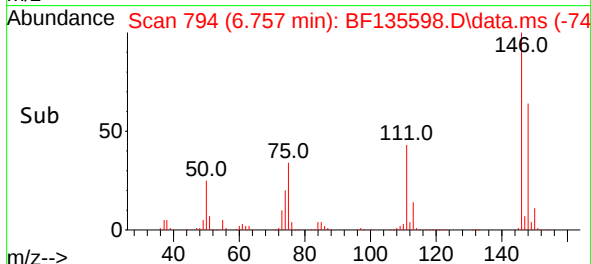
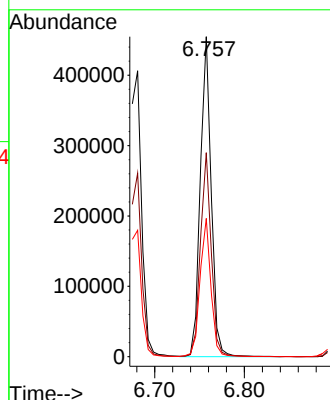
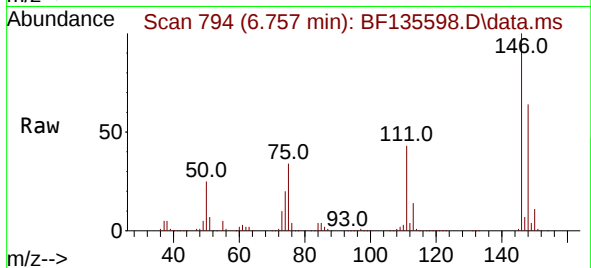
Tgt Ion:146 Resp: 382669

Ion Ratio Lower Upper

146 100

148 63.8 51.3 76.9

111 43.2 35.1 52.7



#14

1,2-Dichlorobenzene

Concen: 37.069 ng

RT: 6.910 min Scan# 820

Delta R.T. 0.000 min

Lab File: BF135598.D

Acq: 05 Oct 2023 14:21

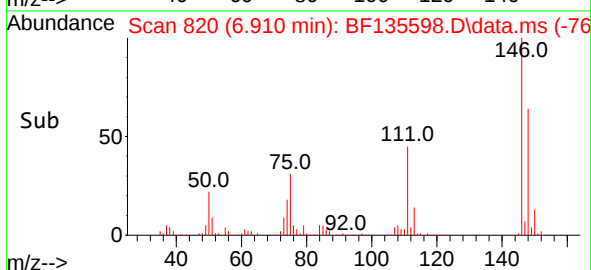
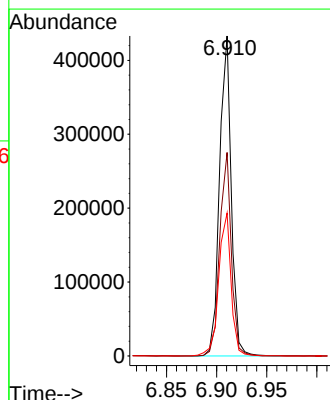
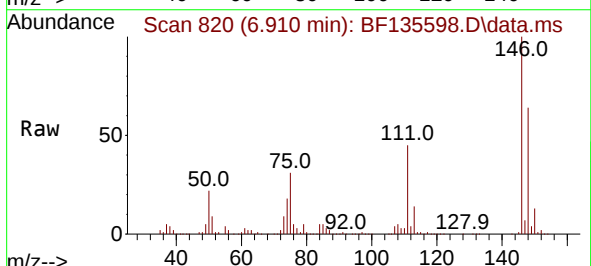
Tgt Ion:146 Resp: 350587

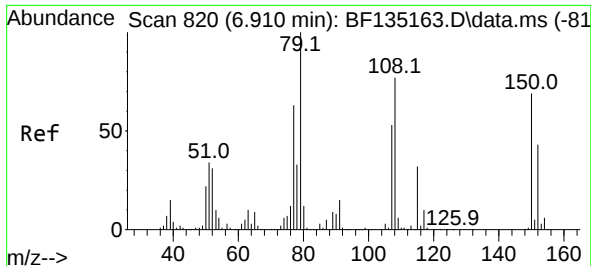
Ion Ratio Lower Upper

146 100

148 63.6 49.7 74.5

111 44.6 37.4 56.2

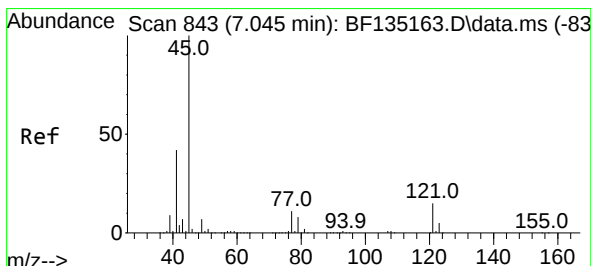
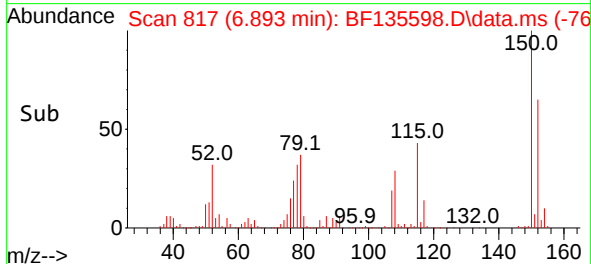
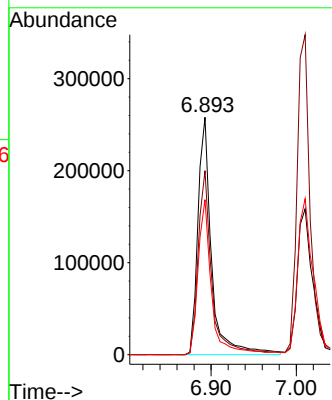
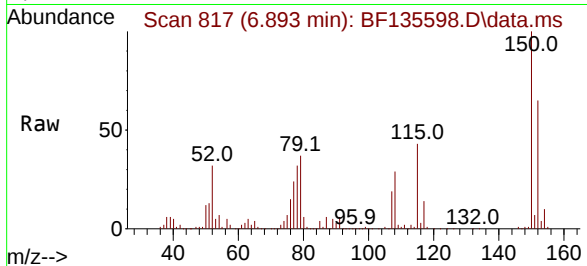




#15  
Benzyl Alcohol  
Concen: 34.181 ng  
RT: 6.893 min Scan# 81  
Delta R.T. 0.006 min  
Lab File: BF135598.D  
Acq: 05 Oct 2023 14:21

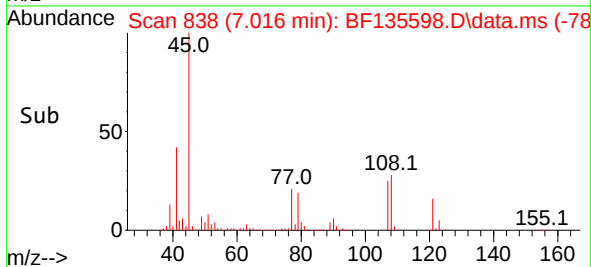
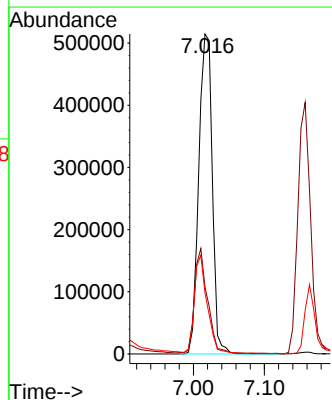
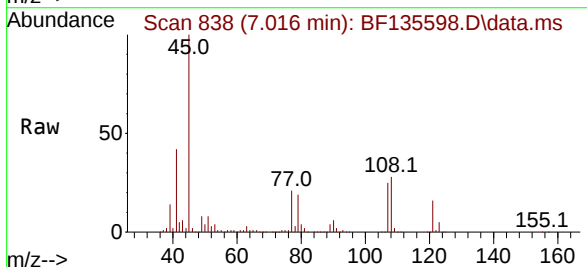
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

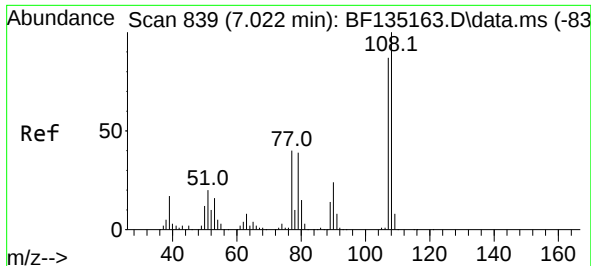
Tgt Ion: 79 Resp: 287773  
Ion Ratio Lower Upper  
79 100  
108 77.5 61.2 91.8  
77 65.3 50.5 75.7



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 37.507 ng  
RT: 7.016 min Scan# 838  
Delta R.T. 0.000 min  
Lab File: BF135598.D  
Acq: 05 Oct 2023 14:21

Tgt Ion: 45 Resp: 682241  
Ion Ratio Lower Upper  
45 100  
77 20.9 0.0 30.6  
79 19.0 0.0 28.3

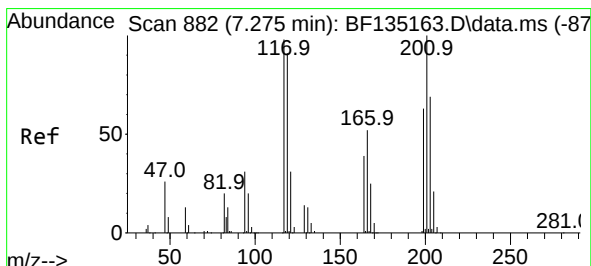
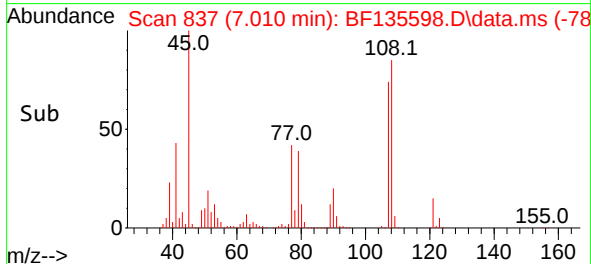
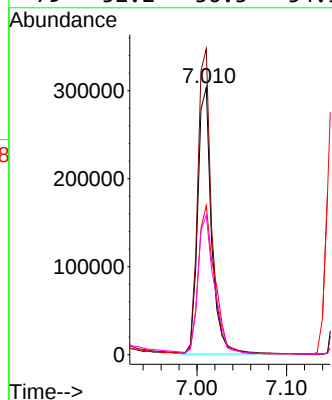
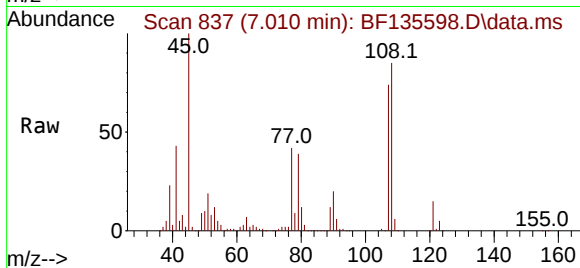




#17  
2-Methylphenol  
Concen: 37.156 ng  
RT: 7.010 min Scan# 810  
Delta R.T. 0.006 min  
Lab File: BF135598.D  
Acq: 05 Oct 2023 14:21

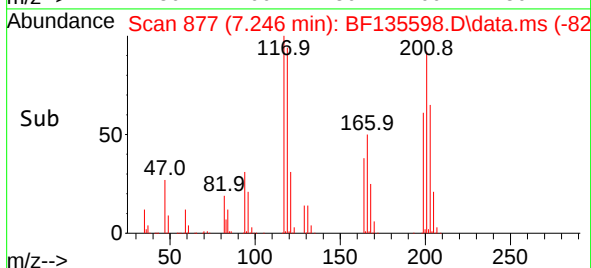
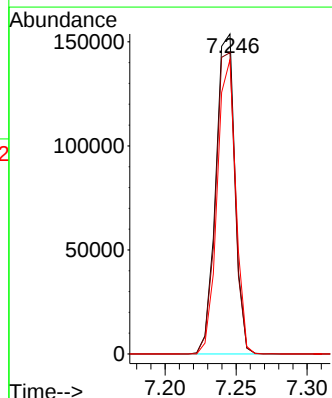
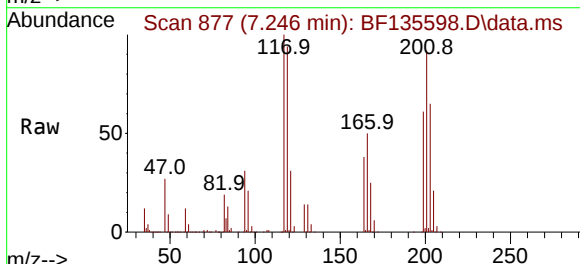
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

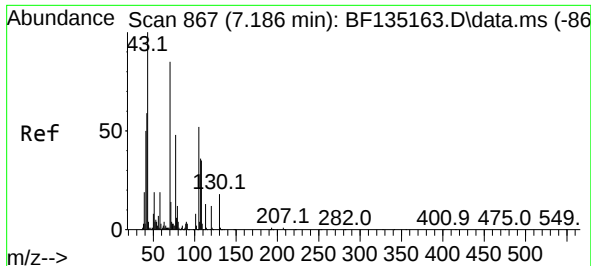
Tgt Ion:107 Resp: 322960  
Ion Ratio Lower Upper  
107 100  
108 114.5 92.0 138.0  
77 55.8 36.7 55.1#  
79 52.2 36.3 54.5



#18  
Hexachloroethane  
Concen: 38.388 ng  
RT: 7.246 min Scan# 877  
Delta R.T. 0.006 min  
Lab File: BF135598.D  
Acq: 05 Oct 2023 14:21

Tgt Ion:117 Resp: 144455  
Ion Ratio Lower Upper  
117 100  
119 94.1 74.7 112.1  
201 92.0 81.8 122.8

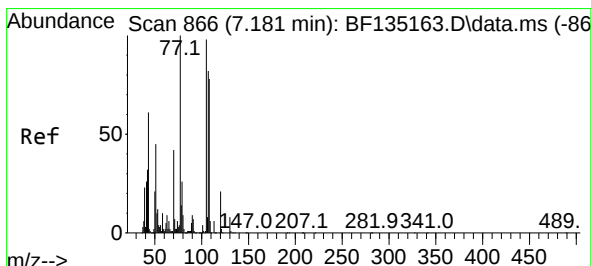
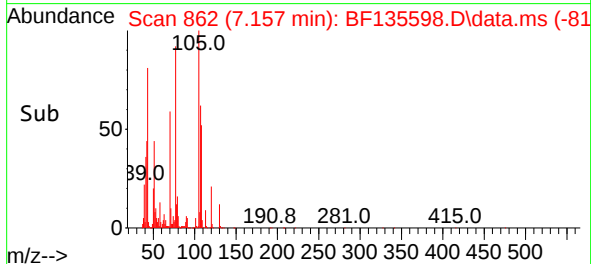
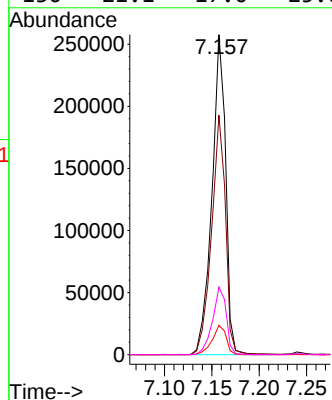
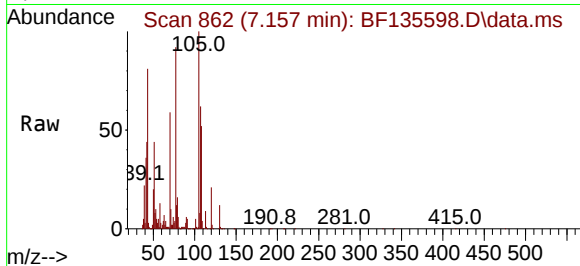




#19  
n-Nitroso-di-n-propylamine  
Concen: 35.650 ng  
RT: 7.157 min Scan# 80  
Delta R.T. 0.000 min  
Lab File: BF135598.D  
Acq: 05 Oct 2023 14:21

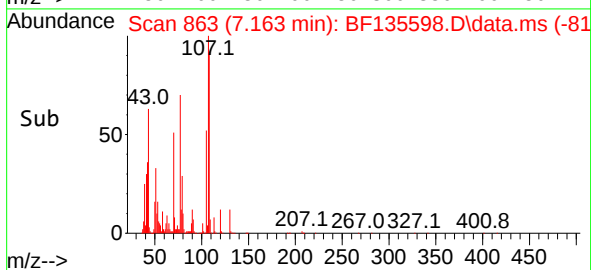
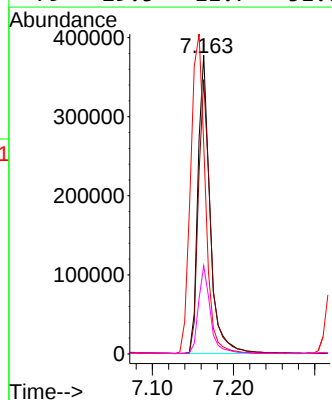
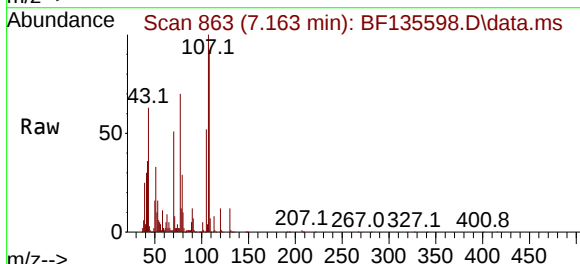
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

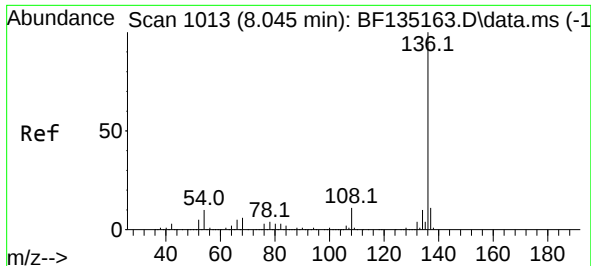
Tgt Ion: 70 Resp: 259067  
Ion Ratio Lower Upper  
70 100  
42 74.8 55.4 83.0  
101 9.2 7.7 11.5  
130 21.1 17.0 25.6



#20  
3+4-Methylphenols  
Concen: 37.482 ng  
RT: 7.163 min Scan# 863  
Delta R.T. 0.000 min  
Lab File: BF135598.D  
Acq: 05 Oct 2023 14:21

Tgt Ion: 107 Resp: 391749  
Ion Ratio Lower Upper  
107 100  
108 91.8 74.7 114.7  
77 70.2 102.0 142.0#  
79 29.5 11.7 51.7

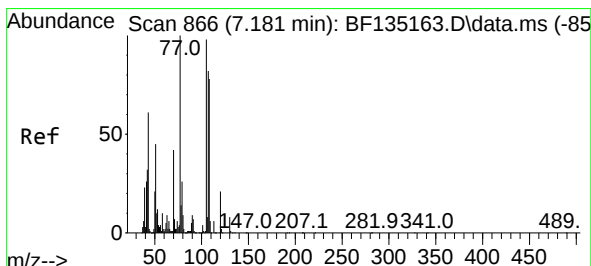
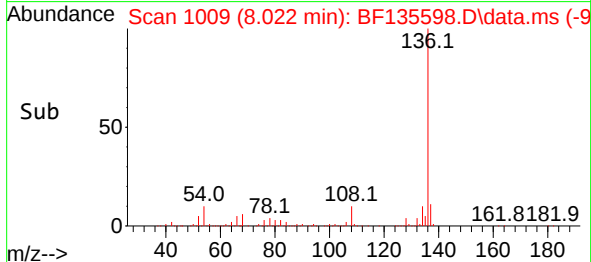
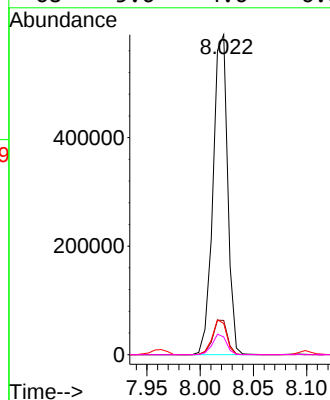
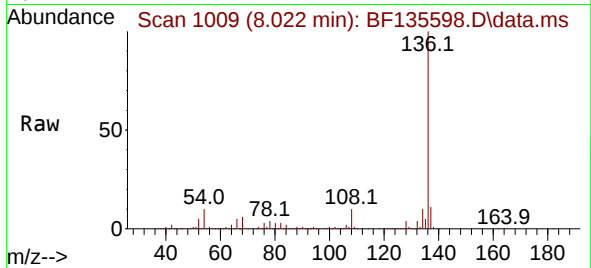




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.022 min Scan# 1013  
Delta R.T. 0.006 min  
Lab File: BF135598.D  
Acq: 05 Oct 2023 14:21

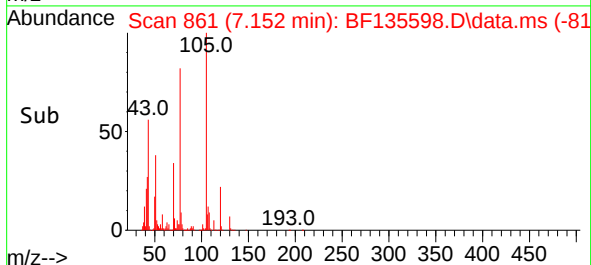
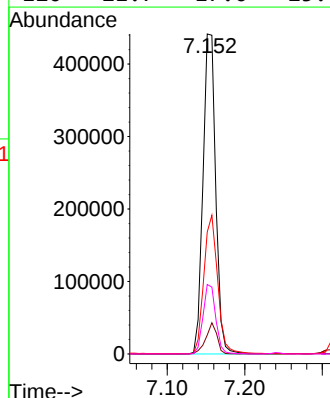
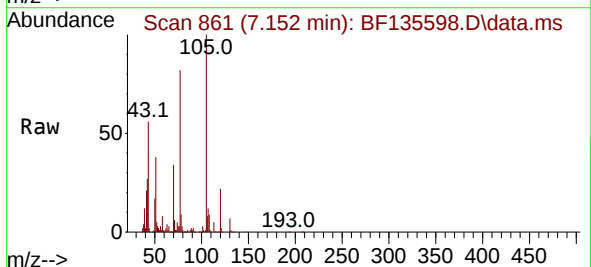
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

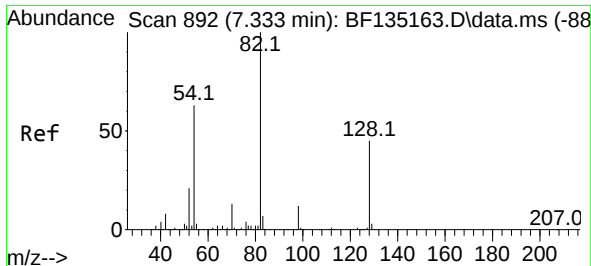
Tgt Ion:136 Resp: 562556  
Ion Ratio Lower Upper  
136 100  
137 10.7 8.8 13.2  
54 9.8 7.7 11.5  
68 5.6 4.6 6.8



#22  
Acetophenone  
Concen: 39.214 ng  
RT: 7.152 min Scan# 861  
Delta R.T. 0.000 min  
Lab File: BF135598.D  
Acq: 05 Oct 2023 14:21

Tgt Ion:105 Resp: 504354  
Ion Ratio Lower Upper  
105 100  
71 5.9 5.8 8.6  
51 38.1 37.0 55.4  
120 21.7 17.0 25.6





#23

Nitrobenzene-d5

Concen: 80.053 ng

RT: 7.310 min Scan# 891

Delta R.T. 0.000 min

Lab File: BF135598.D

Acq: 05 Oct 2023 14:21

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

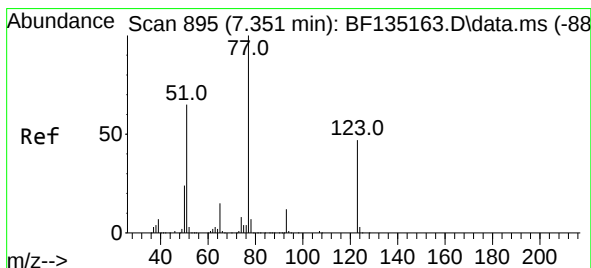
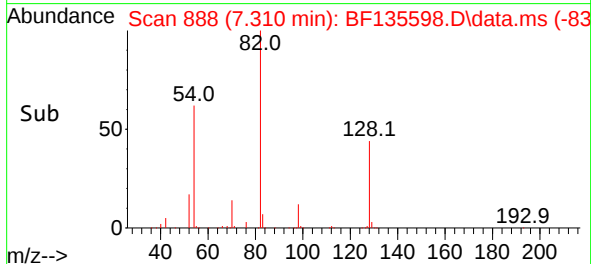
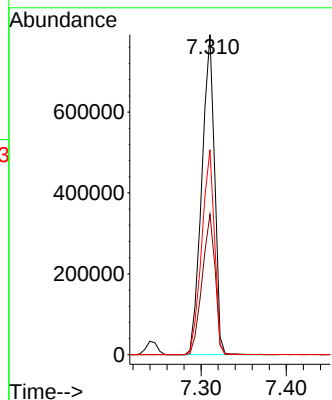
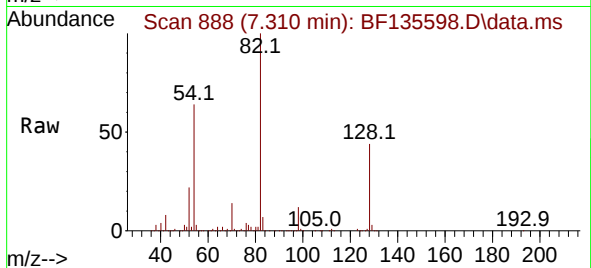
Tgt Ion: 82 Resp: 828907

Ion Ratio Lower Upper

82 100

128 43.9 35.8 53.6

54 64.1 50.6 76.0



#24

Nitrobenzene

Concen: 40.743 ng

RT: 7.328 min Scan# 891

Delta R.T. 0.000 min

Lab File: BF135598.D

Acq: 05 Oct 2023 14:21

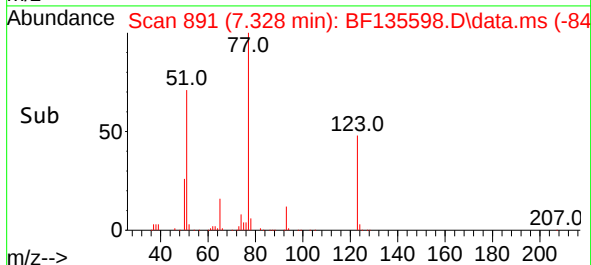
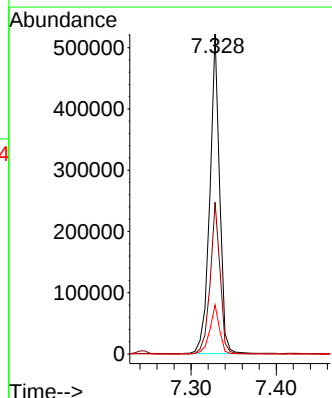
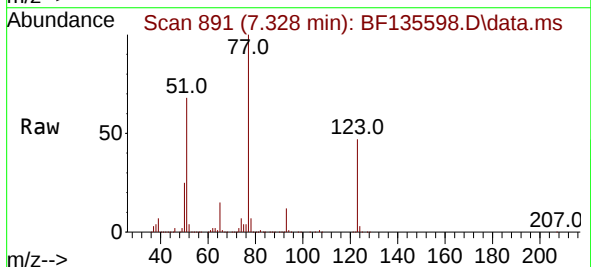
Tgt Ion: 77 Resp: 416978

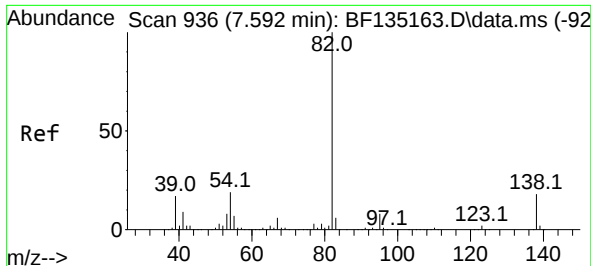
Ion Ratio Lower Upper

77 100

123 47.4 37.6 56.4

65 15.4 12.2 18.4

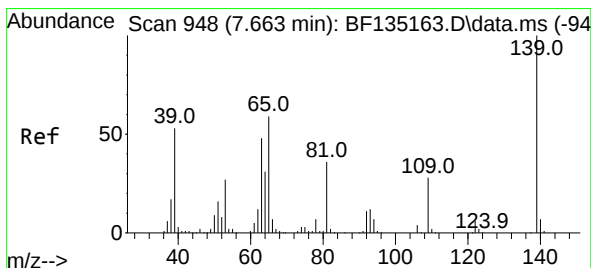
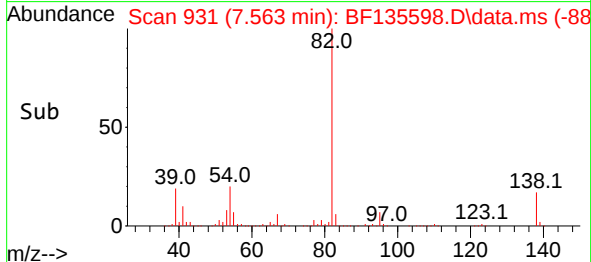
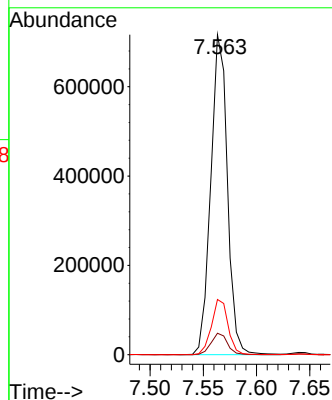
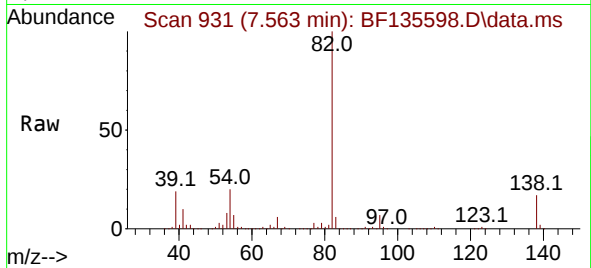




#25  
Isophorone  
Concen: 40.944 ng  
RT: 7.563 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: BF135598.D  
Acq: 05 Oct 2023 14:21

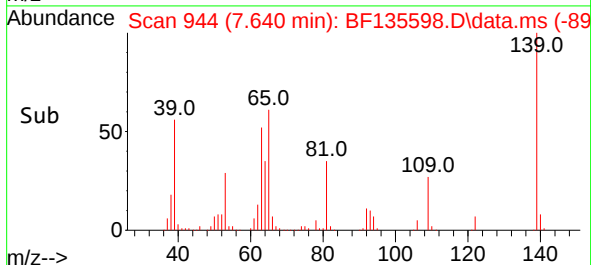
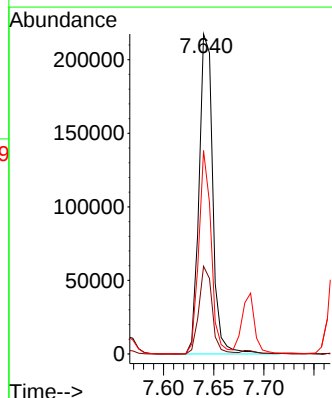
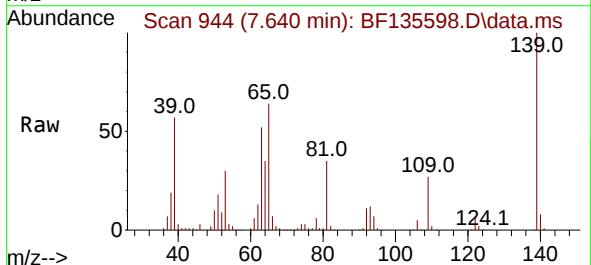
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

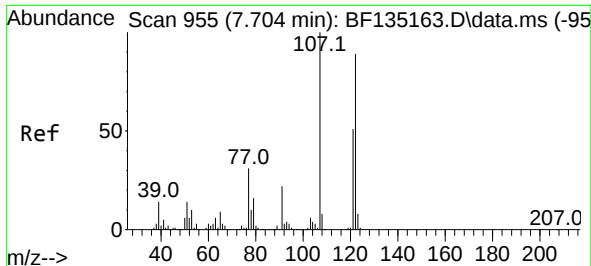
Tgt Ion: 82 Resp: 778501  
Ion Ratio Lower Upper  
82 100  
95 6.7 6.0 9.0  
138 17.3 14.5 21.7



#26  
2-Nitrophenol  
Concen: 42.201 ng  
RT: 7.640 min Scan# 944  
Delta R.T. 0.000 min  
Lab File: BF135598.D  
Acq: 05 Oct 2023 14:21

Tgt Ion:139 Resp: 207289  
Ion Ratio Lower Upper  
139 100  
109 27.4 22.6 33.8  
65 63.6 47.0 70.4





#27

2,4-Dimethylphenol

Concen: 40.424 ng

RT: 7.687 min Scan# 91

Delta R.T. 0.006 min

Lab File: BF135598.D

Acq: 05 Oct 2023 14:21

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

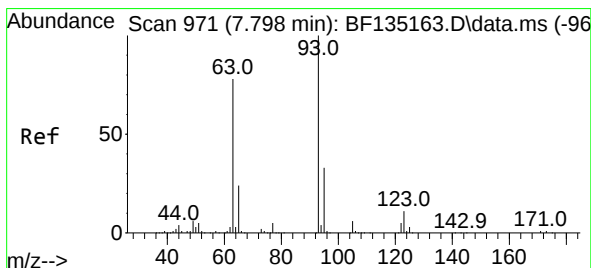
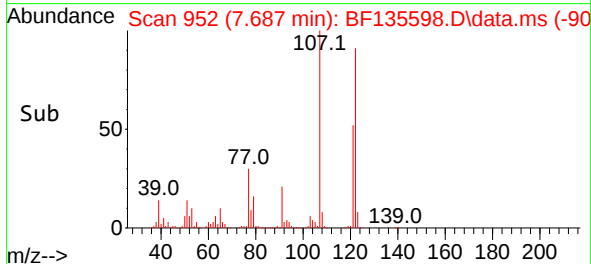
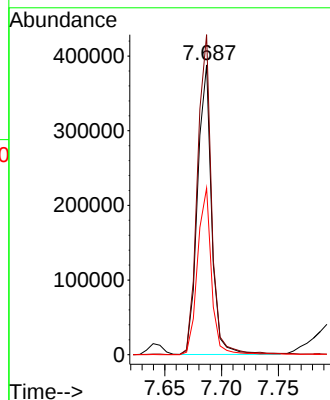
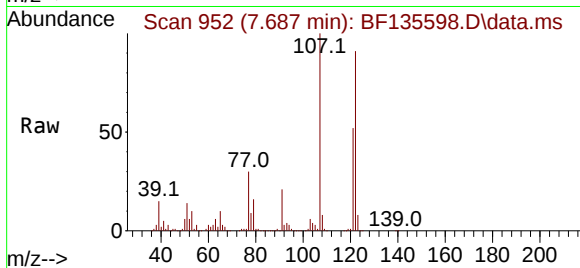
Tgt Ion:122 Resp: 333760

Ion Ratio Lower Upper

122 100

107 110.5 90.2 135.4

121 57.5 46.3 69.5



#28

bis(2-Chloroethoxy)methane

Concen: 41.181 ng

RT: 7.775 min Scan# 967

Delta R.T. 0.000 min

Lab File: BF135598.D

Acq: 05 Oct 2023 14:21

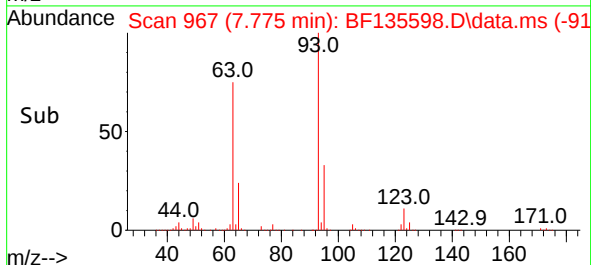
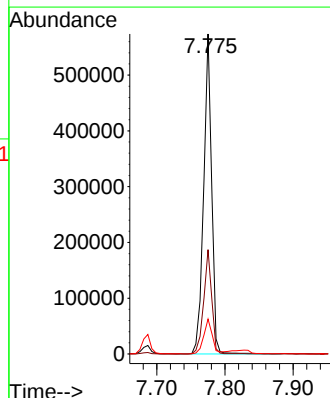
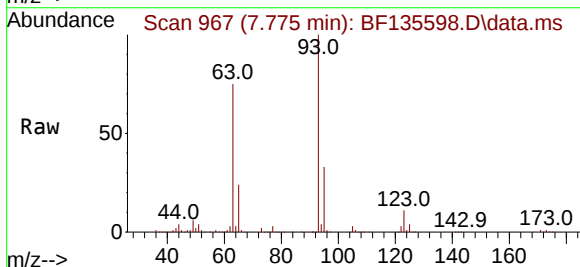
Tgt Ion: 93 Resp: 468650

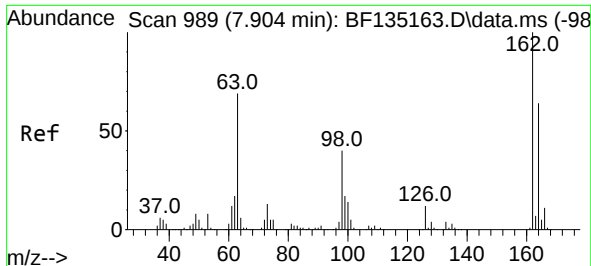
Ion Ratio Lower Upper

93 100

95 32.6 26.2 39.2

123 10.9 8.8 13.2

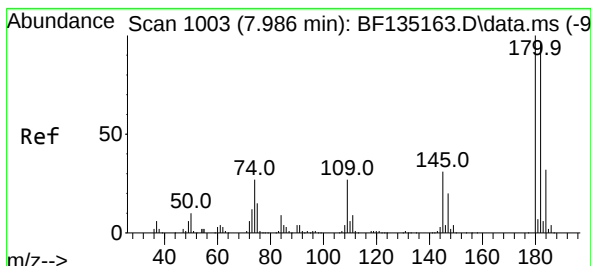
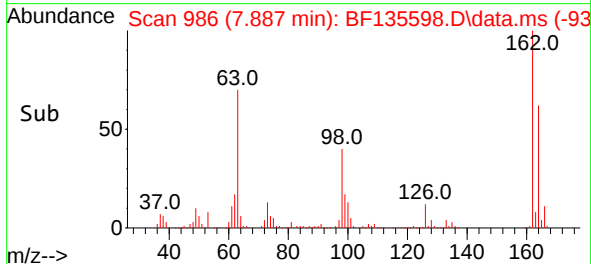
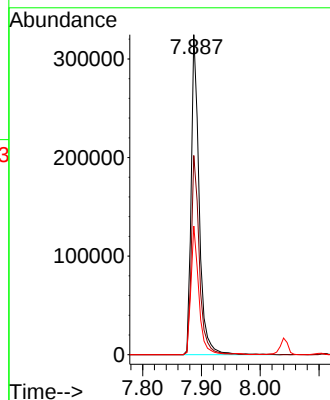
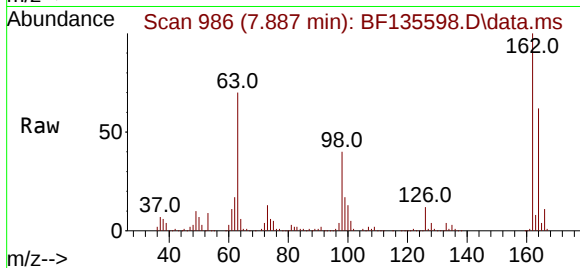




#29  
2,4-Dichlorophenol  
Concen: 40.120 ng  
RT: 7.887 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: BF135598.D  
Acq: 05 Oct 2023 14:21

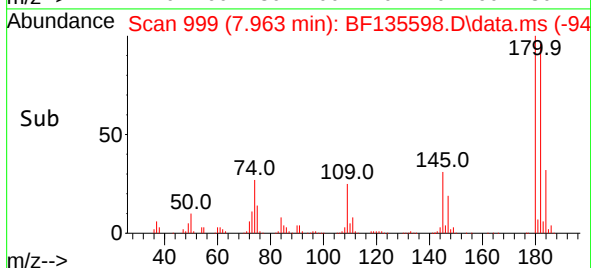
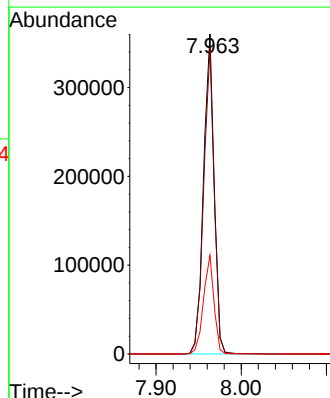
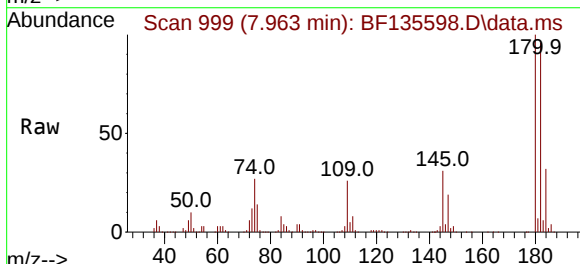
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

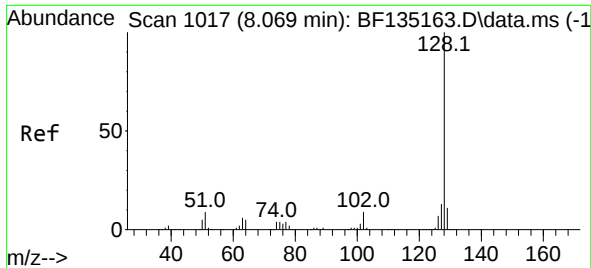
Tgt Ion:162 Resp: 306943  
Ion Ratio Lower Upper  
162 100  
164 62.3 44.1 84.1  
98 40.2 20.3 60.3



#30  
1,2,4-Trichlorobenzene  
Concen: 38.939 ng  
RT: 7.963 min Scan# 999  
Delta R.T. 0.000 min  
Lab File: BF135598.D  
Acq: 05 Oct 2023 14:21

Tgt Ion:180 Resp: 311377  
Ion Ratio Lower Upper  
180 100  
182 95.6 76.9 115.3  
145 30.8 24.5 36.7

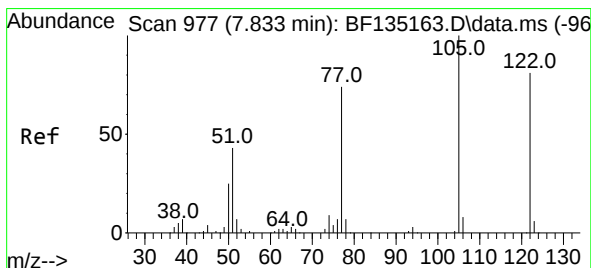
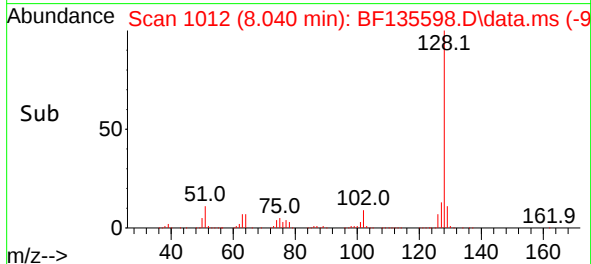
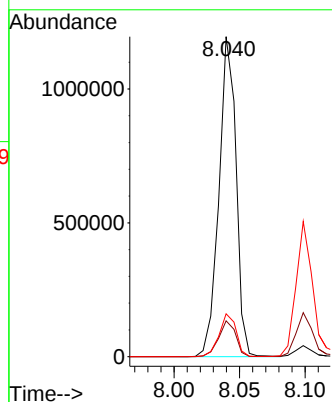
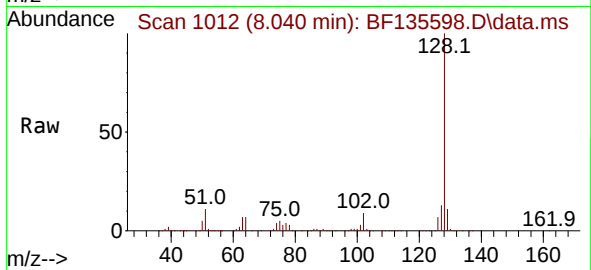




#31  
Naphthalene  
Concen: 39.661 ng  
RT: 8.040 min Scan# 1017  
Delta R.T. 0.000 min  
Lab File: BF135598.D  
Acq: 05 Oct 2023 14:21

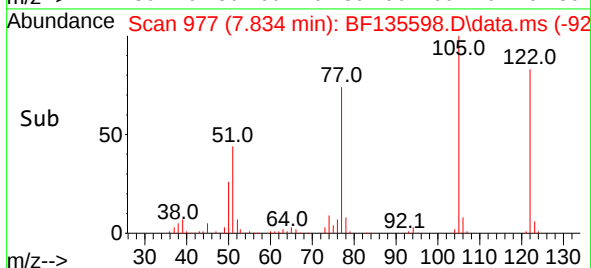
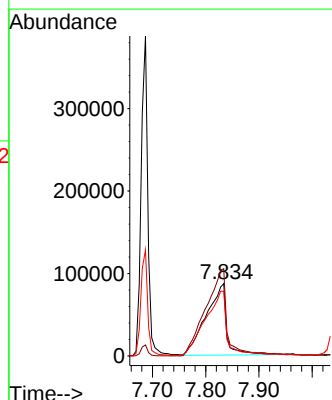
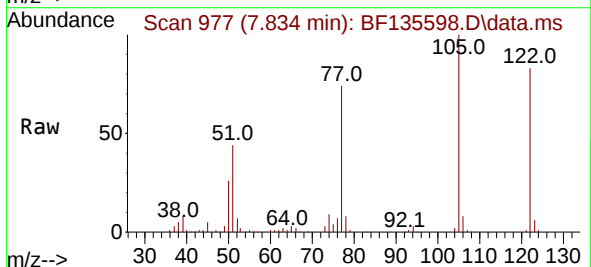
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

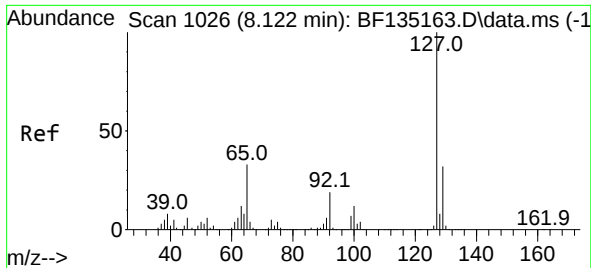
Tgt Ion:128 Resp: 1084052  
Ion Ratio Lower Upper  
128 100  
129 11.2 8.7 13.1  
127 13.4 10.7 16.1



#32  
Benzoic acid  
Concen: 37.284 ng  
RT: 7.834 min Scan# 977  
Delta R.T. 0.012 min  
Lab File: BF135598.D  
Acq: 05 Oct 2023 14:21

Tgt Ion:122 Resp: 231801  
Ion Ratio Lower Upper  
122 100  
105 120.5 99.9 139.9  
77 89.3 70.0 110.0

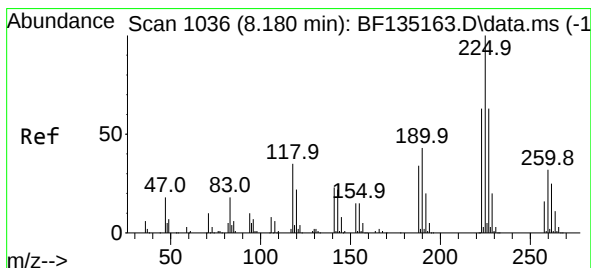
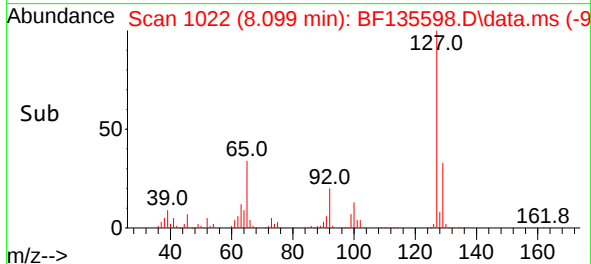
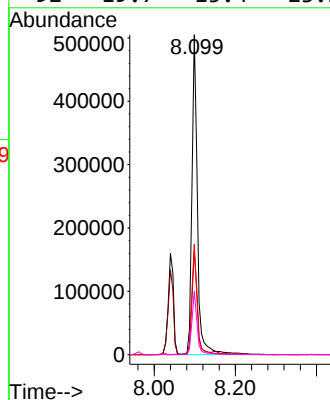
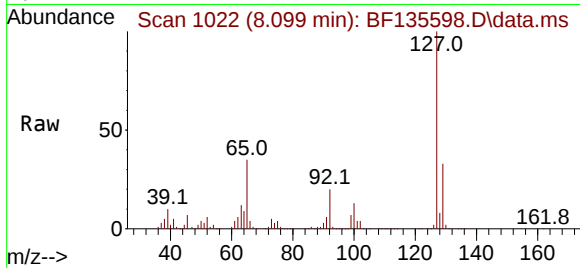




#33  
4-Chloroaniline  
Concen: 39.661 ng  
RT: 8.099 min Scan# 1022  
Delta R.T. 0.000 min  
Lab File: BF135598.D  
Acq: 05 Oct 2023 14:21

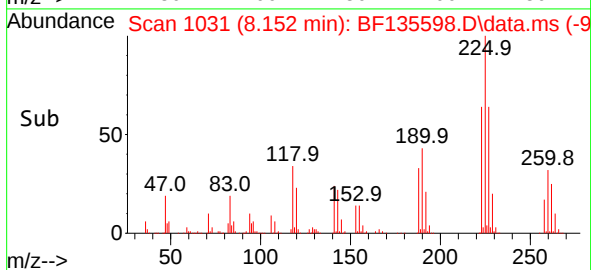
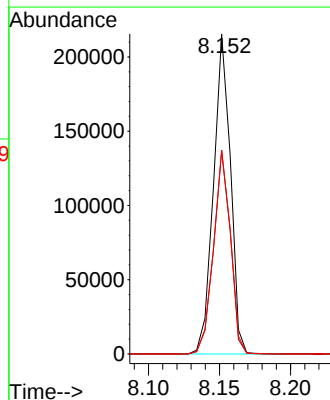
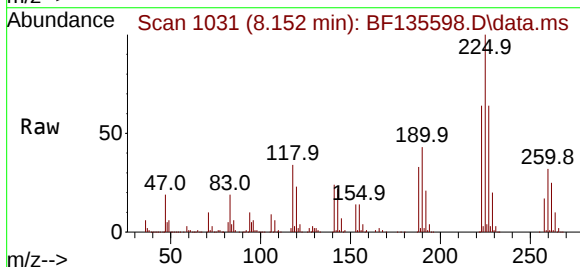
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

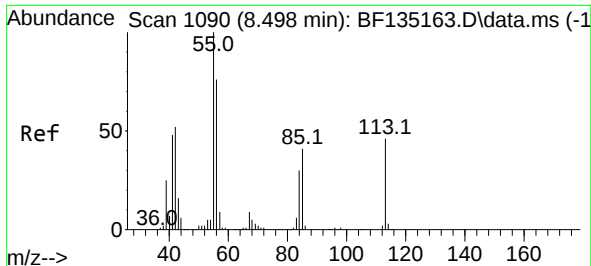
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 127   | Resp: | 475621 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 32.6  | 25.8  | 38.8   |
| 65       | 34.5  | 26.6  | 39.8   |
| 92       | 19.7  | 15.4  | 23.2   |



#34  
Hexachlorobutadiene  
Concen: 36.967 ng  
RT: 8.152 min Scan# 1031  
Delta R.T. 0.000 min  
Lab File: BF135598.D  
Acq: 05 Oct 2023 14:21

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 178245 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 63.6  | 50.6  | 75.8   |
| 227      | 63.7  | 50.8  | 76.2   |

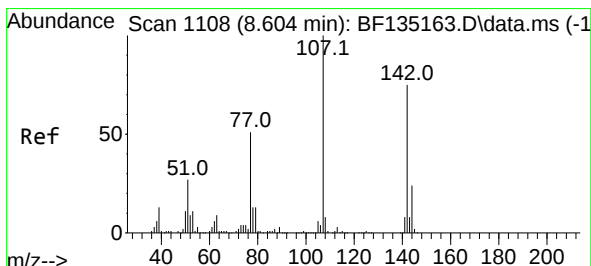
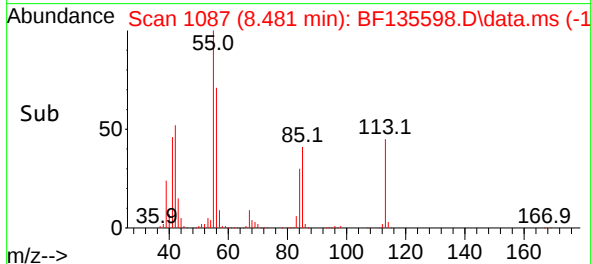
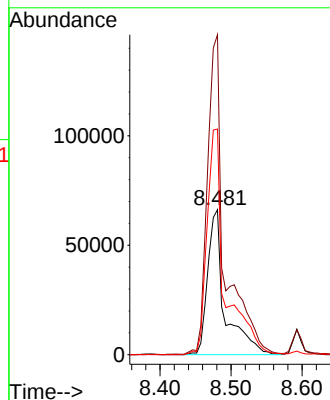
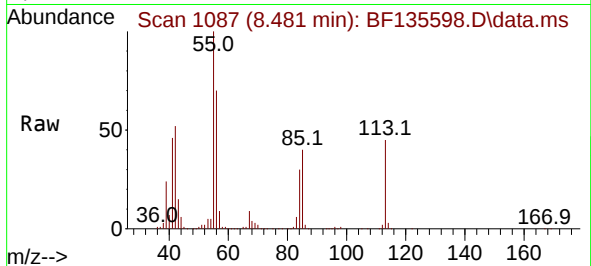




#35  
Caprolactam  
Concen: 43.783 ng  
RT: 8.481 min Scan# 1106  
Delta R.T. 0.012 min  
Lab File: BF135598.D  
Acq: 05 Oct 2023 14:21

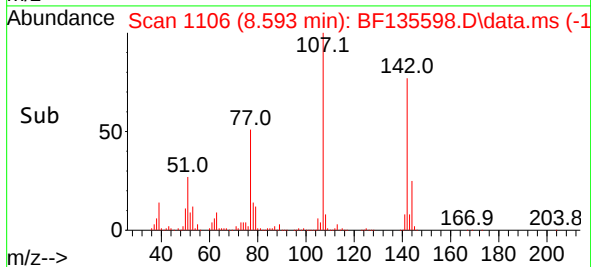
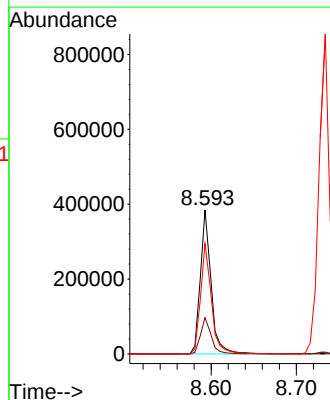
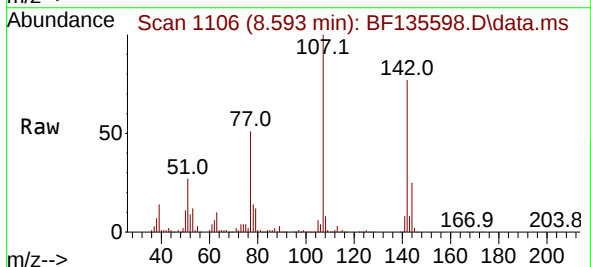
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

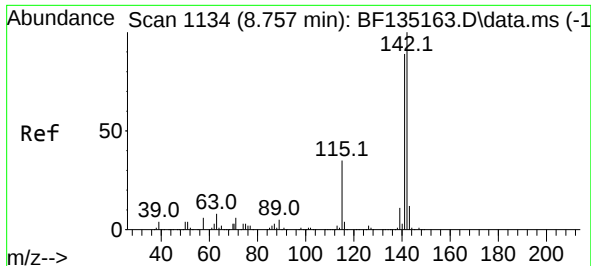
Tgt Ion:113 Resp: 112418  
Ion Ratio Lower Upper  
113 100  
55 220.8 199.3 239.3  
56 155.7 146.3 186.3



#36  
4-Chloro-3-methylphenol  
Concen: 39.937 ng  
RT: 8.593 min Scan# 1106  
Delta R.T. 0.006 min  
Lab File: BF135598.D  
Acq: 05 Oct 2023 14:21

Tgt Ion:107 Resp: 339582  
Ion Ratio Lower Upper  
107 100  
144 25.3 19.0 28.4  
142 76.7 60.2 90.2





#37

2-Methylnaphthalene

Concen: 39.087 ng

RT: 8.734 min Scan# 1113

Delta R.T. 0.000 min

Lab File: BF135598.D

Acq: 05 Oct 2023 14:21

Instrument :

BNA\_F

ClientSampleId :

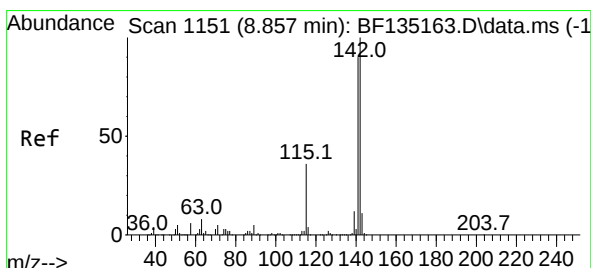
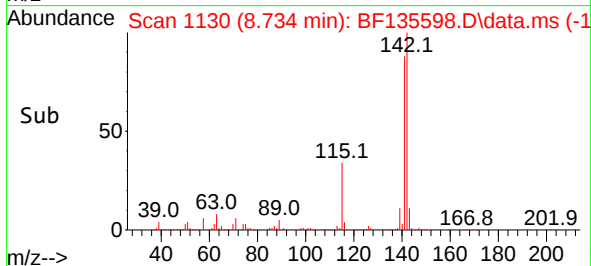
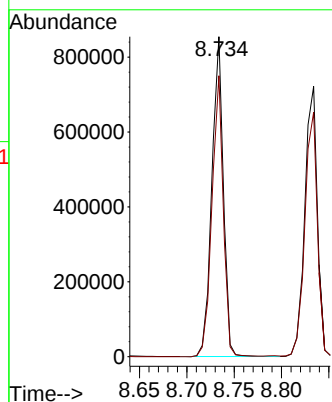
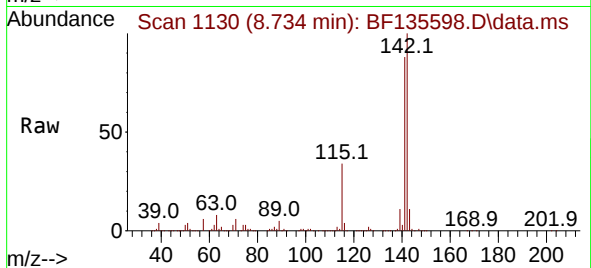
SSTDCCC040

Tgt Ion:142 Resp: 718147

Ion Ratio Lower Upper

142 100

141 87.8 71.0 106.6



#38

1-Methylnaphthalene

Concen: 38.860 ng

RT: 8.834 min Scan# 1147

Delta R.T. 0.006 min

Lab File: BF135598.D

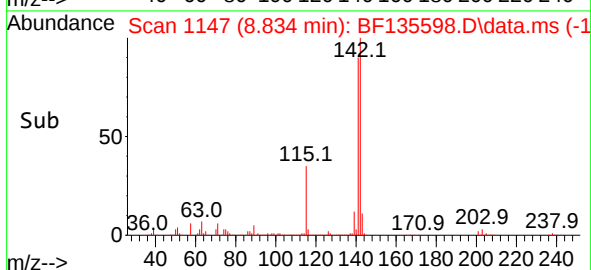
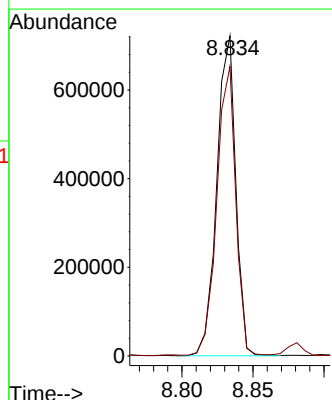
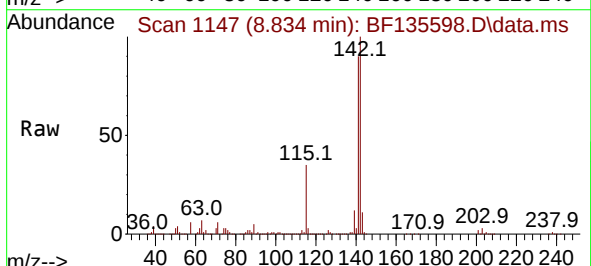
Acq: 05 Oct 2023 14:21

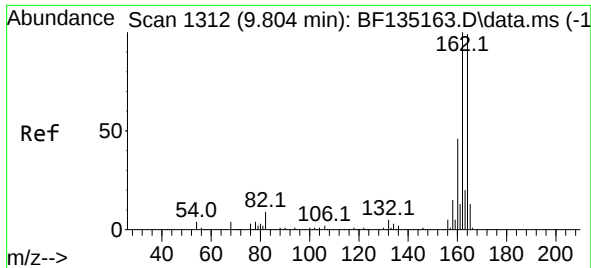
Tgt Ion:142 Resp: 668452

Ion Ratio Lower Upper

142 100

141 90.4 72.4 108.6

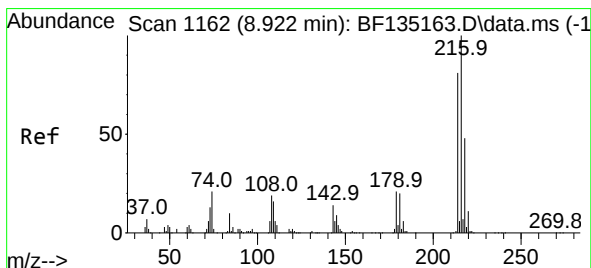
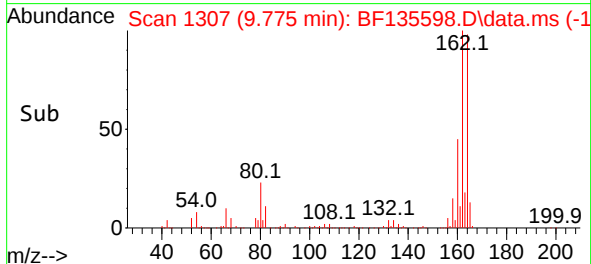
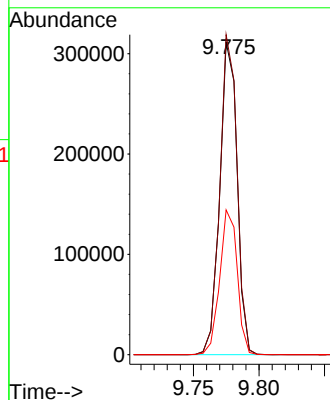
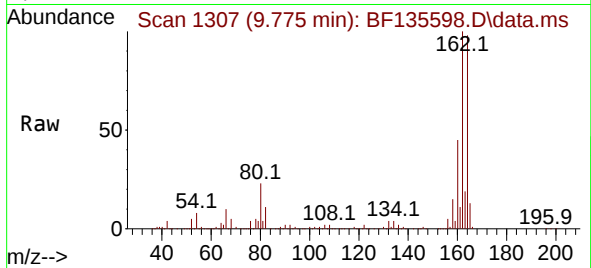




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.775 min Scan# 1158  
Delta R.T. 0.000 min  
Lab File: BF135598.D  
Acq: 05 Oct 2023 14:21

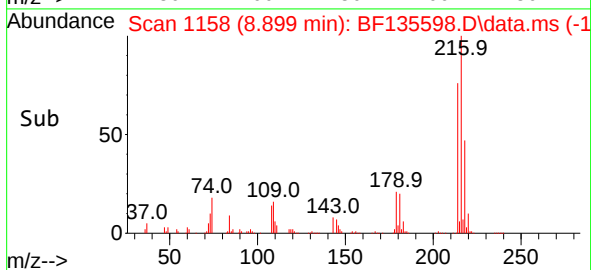
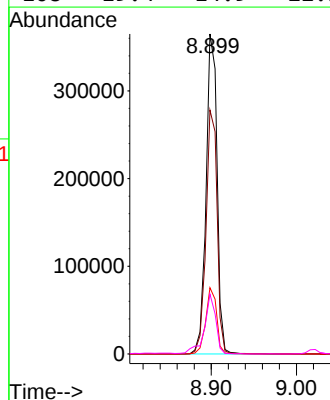
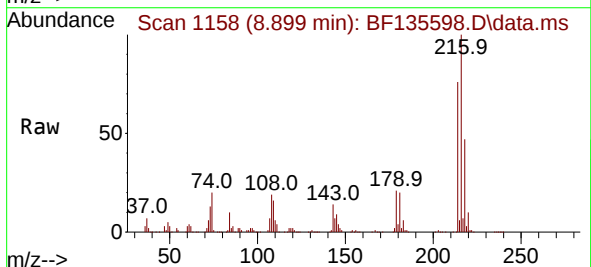
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

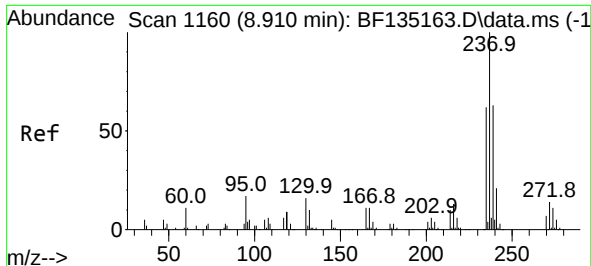
Tgt Ion:164 Resp: 286054  
Ion Ratio Lower Upper  
164 100  
162 102.4 81.0 121.4  
160 46.3 37.0 55.4



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 39.316 ng  
RT: 8.899 min Scan# 1158  
Delta R.T. 0.000 min  
Lab File: BF135598.D  
Acq: 05 Oct 2023 14:21

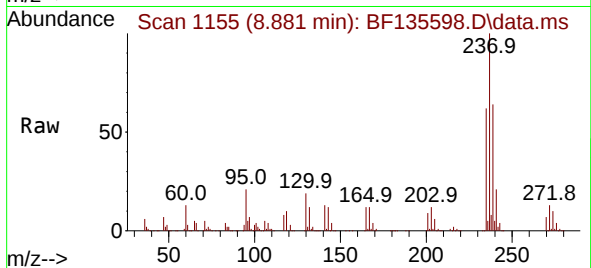
Tgt Ion:216 Resp: 325821  
Ion Ratio Lower Upper  
216 100  
214 77.1 63.7 95.5  
179 20.5 16.7 25.1  
108 19.4 14.9 22.3



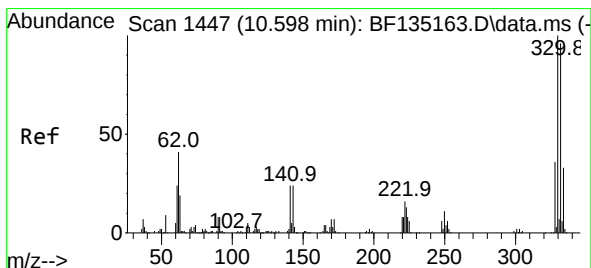
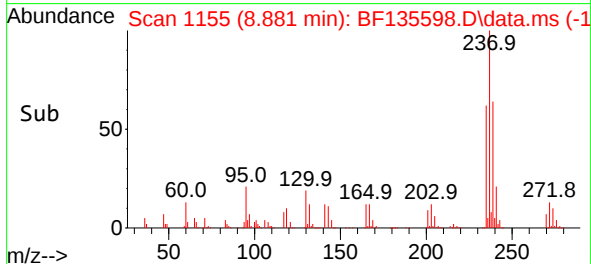
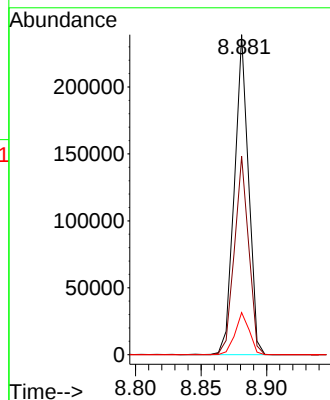


#41  
Hexachlorocyclopentadiene  
Concen: 52.059 ng  
RT: 8.881 min Scan# 1155  
Delta R.T. 0.000 min  
Lab File: BF135598.D  
Acq: 05 Oct 2023 14:21

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

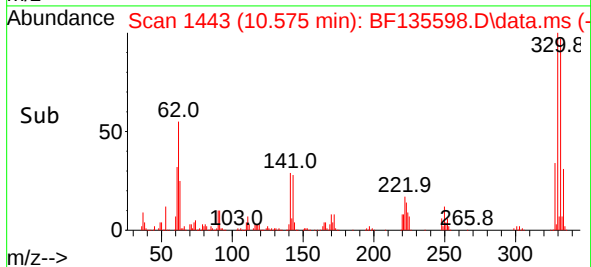
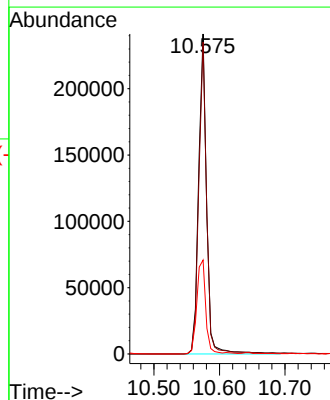
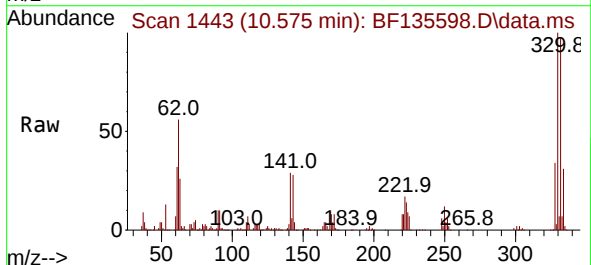


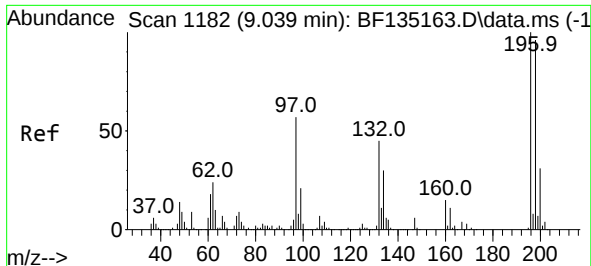
Tgt Ion:237 Resp: 179723  
Ion Ratio Lower Upper  
237 100  
235 62.0 41.8 81.8  
272 13.2 0.0 33.6



#42  
2,4,6-Tribromophenol  
Concen: 72.025 ng  
RT: 10.575 min Scan# 1443  
Delta R.T. 0.006 min  
Lab File: BF135598.D  
Acq: 05 Oct 2023 14:21

Tgt Ion:330 Resp: 204743  
Ion Ratio Lower Upper  
330 100  
332 95.5 77.3 115.9  
141 33.3 25.8 38.8

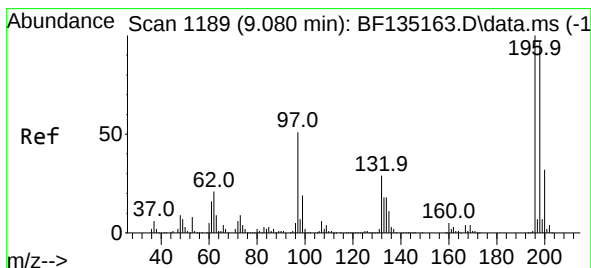
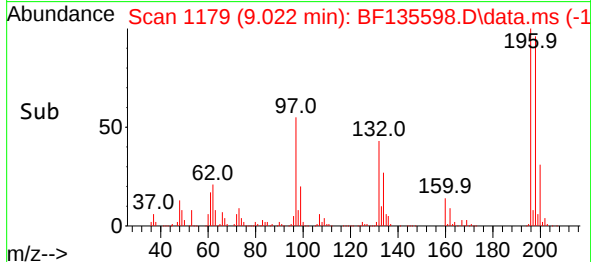
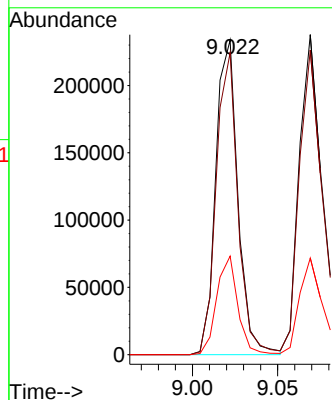
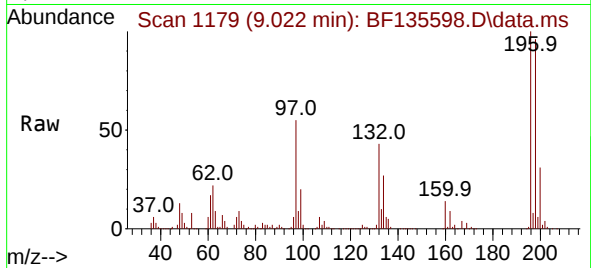




#43  
2,4,6-Trichlorophenol  
Concen: 39.028 ng  
RT: 9.022 min Scan# 1182  
Delta R.T. 0.006 min  
Lab File: BF135598.D  
Acq: 05 Oct 2023 14:21

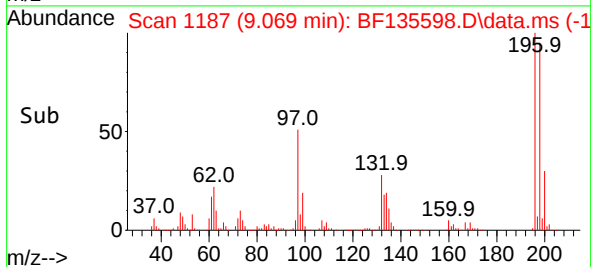
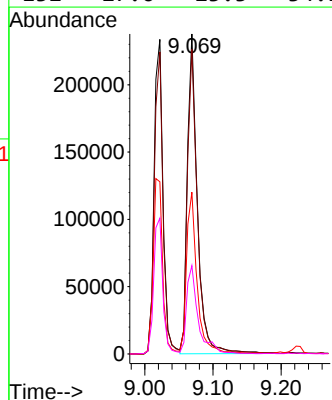
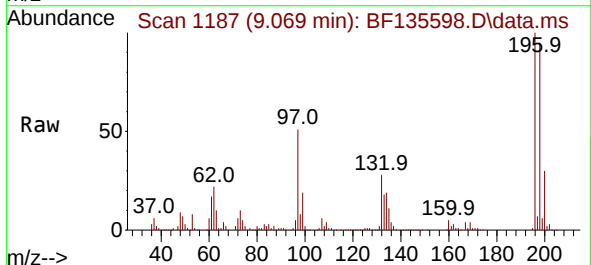
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

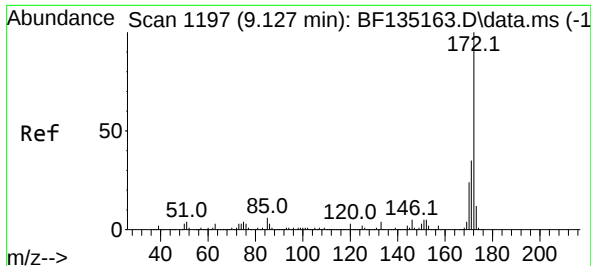
Tgt Ion:196 Resp: 211766  
Ion Ratio Lower Upper  
196 100  
198 96.0 77.0 115.6  
200 31.3 24.5 36.7



#44  
2,4,5-Trichlorophenol  
Concen: 38.633 ng  
RT: 9.069 min Scan# 1187  
Delta R.T. 0.006 min  
Lab File: BF135598.D  
Acq: 05 Oct 2023 14:21

Tgt Ion:196 Resp: 241405  
Ion Ratio Lower Upper  
196 100  
198 95.2 77.5 116.3  
97 50.5 40.5 60.7  
132 27.6 23.3 34.9

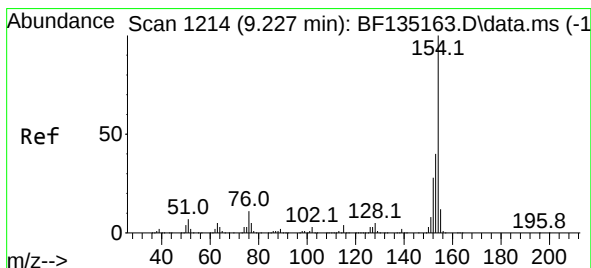
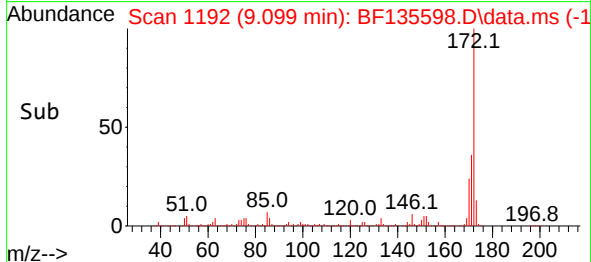
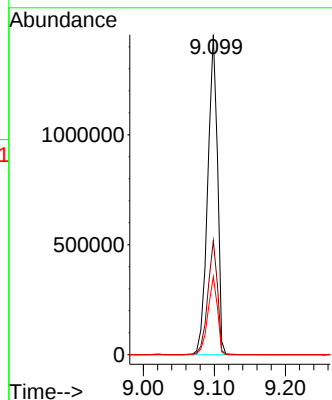
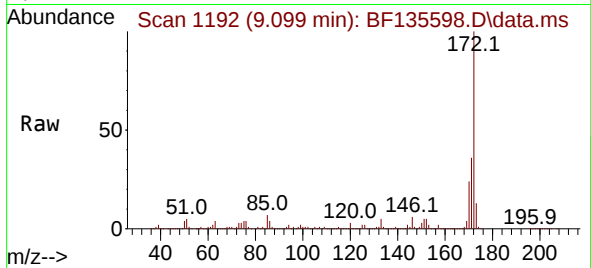




#45  
2-Fluorobiphenyl  
Concen: 73.397 ng  
RT: 9.099 min Scan# 1197  
Delta R.T. 0.000 min  
Lab File: BF135598.D  
Acq: 05 Oct 2023 14:21

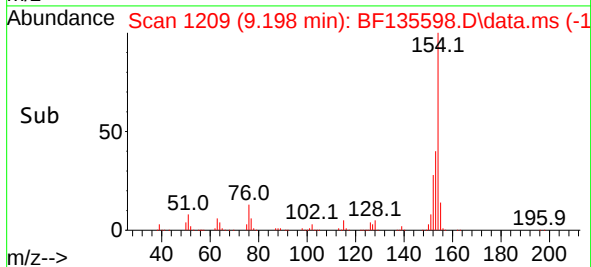
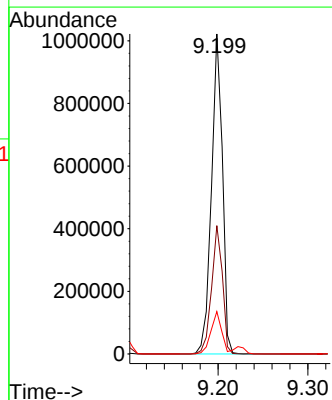
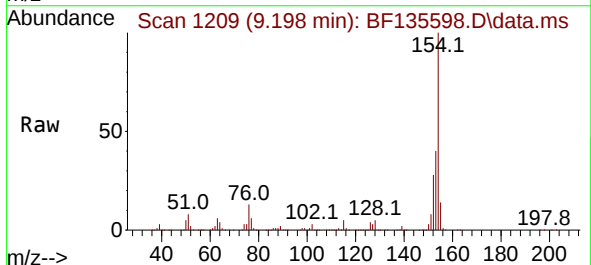
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

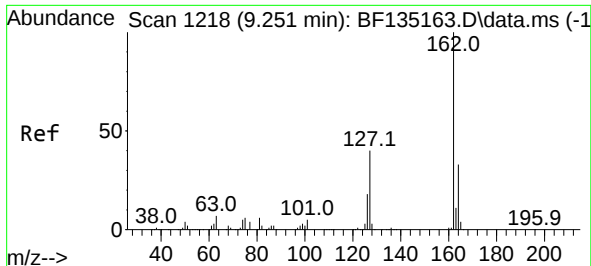
Tgt Ion:172 Resp: 1391615  
Ion Ratio Lower Upper  
172 100  
171 35.6 28.4 42.6  
170 24.4 19.0 28.4



#46  
1,1'-Biphenyl  
Concen: 39.376 ng  
RT: 9.198 min Scan# 1209  
Delta R.T. 0.000 min  
Lab File: BF135598.D  
Acq: 05 Oct 2023 14:21

Tgt Ion:154 Resp: 865592  
Ion Ratio Lower Upper  
154 100  
153 40.1 19.6 59.6  
76 13.3 0.0 31.0





#47

2-Chloronaphthalene

Concen: 39.906 ng

RT: 9.228 min Scan# 1214

Delta R.T. 0.006 min

Lab File: BF135598.D

Acq: 05 Oct 2023 14:21

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

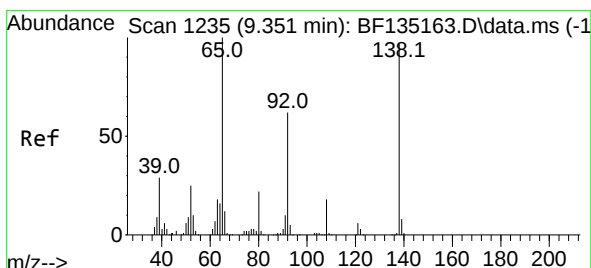
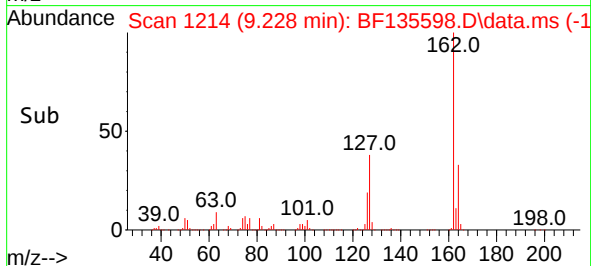
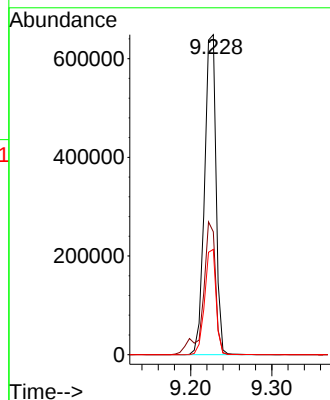
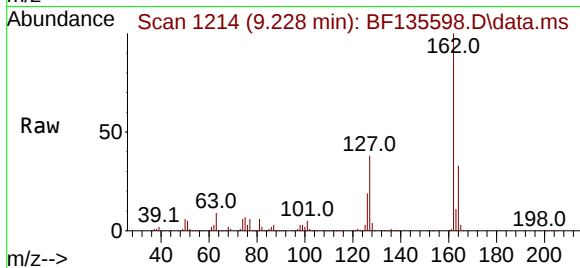
Tgt Ion:162 Resp: 636493

Ion Ratio Lower Upper

162 100

127 38.4 32.6 48.8

164 32.9 26.2 39.2



#48

2-Nitroaniline

Concen: 42.723 ng

RT: 9.334 min Scan# 1232

Delta R.T. 0.006 min

Lab File: BF135598.D

Acq: 05 Oct 2023 14:21

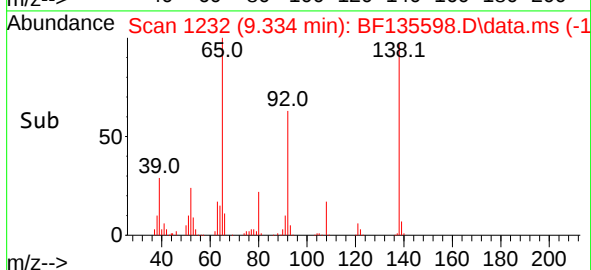
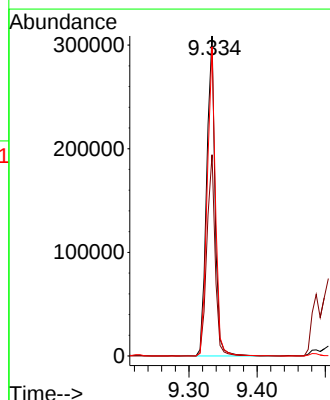
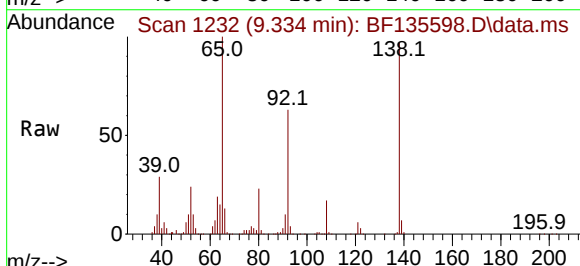
Tgt Ion: 65 Resp: 264733

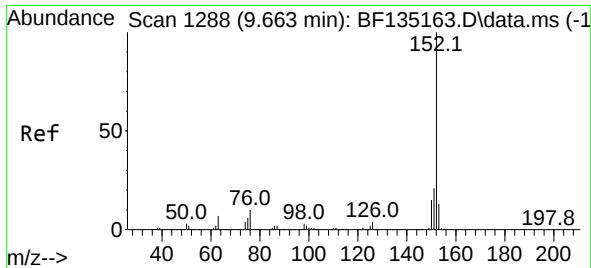
Ion Ratio Lower Upper

65 100

92 62.9 49.4 74.0

138 96.6 77.4 116.0





#49

Acenaphthylene

Concen: 37.716 ng

RT: 9.640 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF135598.D

Acq: 05 Oct 2023 14:21

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

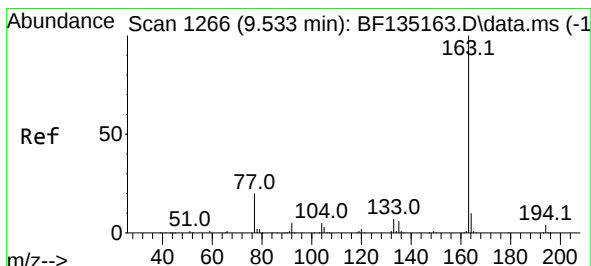
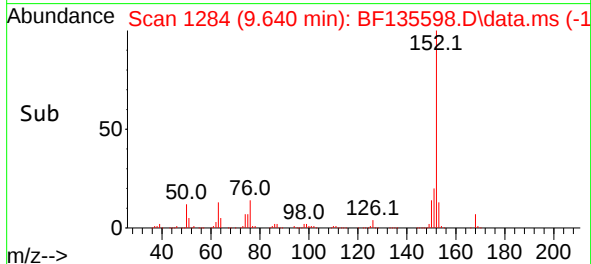
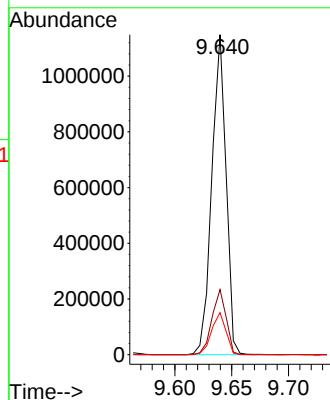
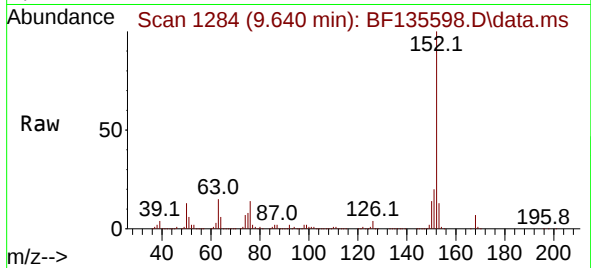
Tgt Ion:152 Resp: 999747

Ion Ratio Lower Upper

152 100

151 20.4 16.4 24.6

153 13.2 10.4 15.6



#50

Dimethylphthalate

Concen: 39.695 ng

RT: 9.504 min Scan# 1261

Delta R.T. 0.000 min

Lab File: BF135598.D

Acq: 05 Oct 2023 14:21

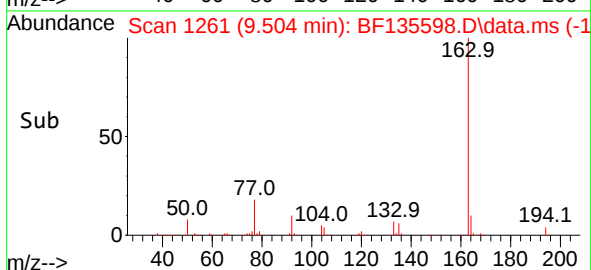
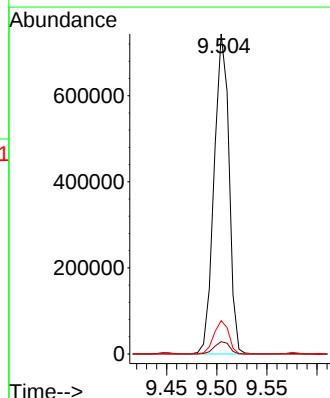
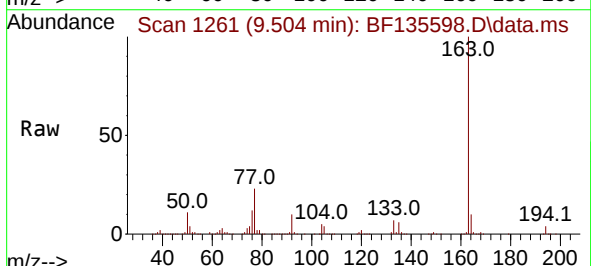
Tgt Ion:163 Resp: 767699

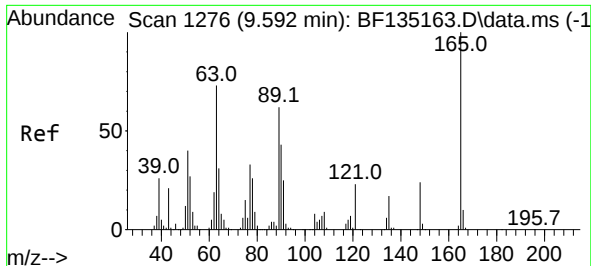
Ion Ratio Lower Upper

163 100

194 3.8 3.1 4.7

164 10.4 8.1 12.1

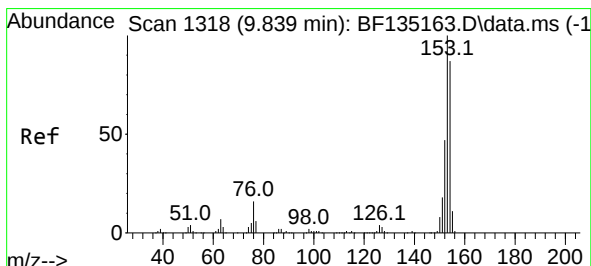
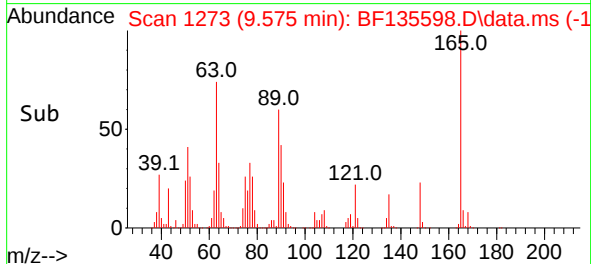
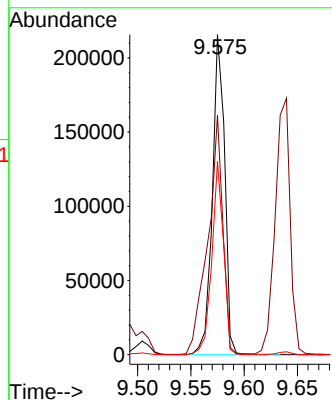
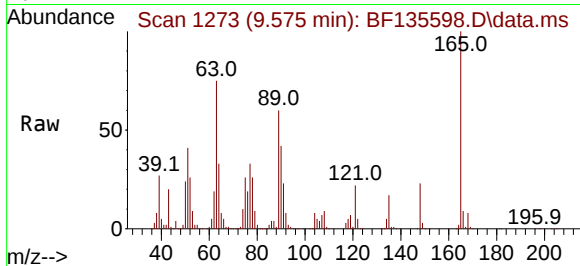




#51  
2,6-Dinitrotoluene  
Concen: 40.802 ng  
RT: 9.575 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF135598.D  
Acq: 05 Oct 2023 14:21

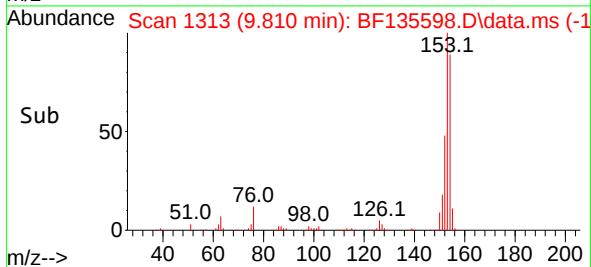
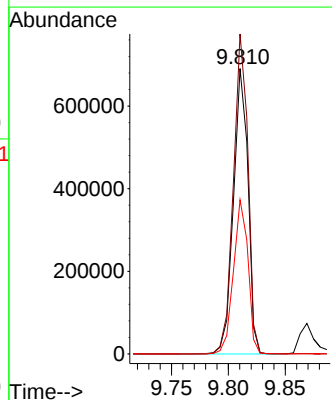
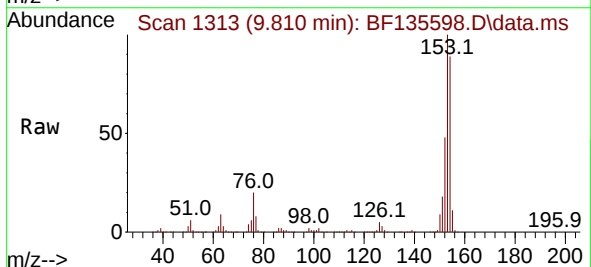
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

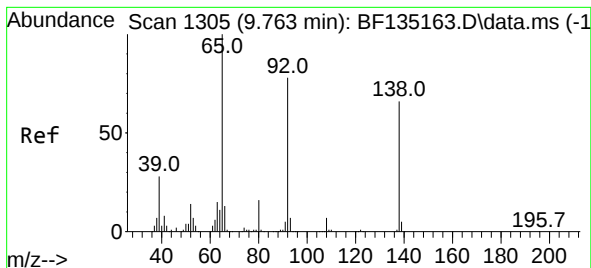
Tgt Ion:165 Resp: 172869  
Ion Ratio Lower Upper  
165 100  
63 74.8 59.4 89.2  
89 60.4 49.8 74.8



#52  
Acenaphthene  
Concen: 39.248 ng  
RT: 9.810 min Scan# 1313  
Delta R.T. 0.000 min  
Lab File: BF135598.D  
Acq: 05 Oct 2023 14:21

Tgt Ion:154 Resp: 614591  
Ion Ratio Lower Upper  
154 100  
153 112.1 92.1 138.1  
152 54.0 43.1 64.7





#53

3-Nitroaniline

Concen: 42.511 ng

RT: 9.751 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF135598.D

Acq: 05 Oct 2023 14:21

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

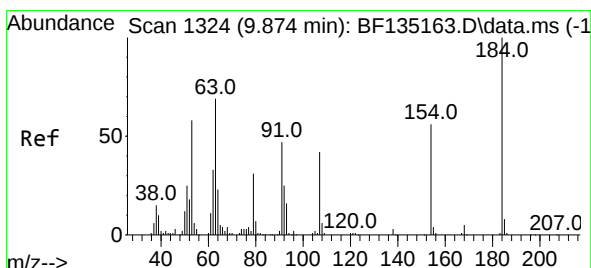
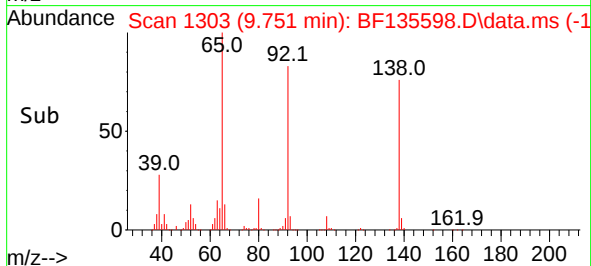
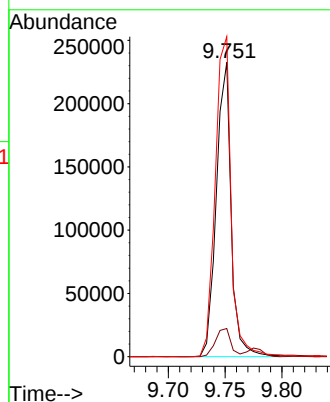
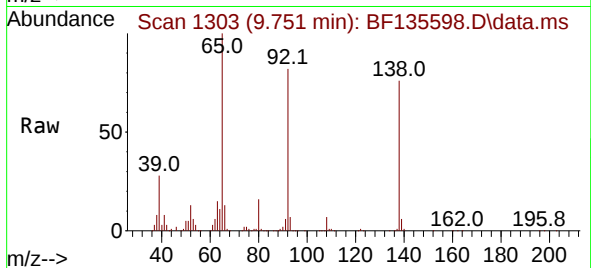
Tgt Ion:138 Resp: 211418

Ion Ratio Lower Upper

138 100

108 9.6 8.5 12.7

92 108.8 95.4 143.0



#54

2,4-Dinitrophenol

Concen: 58.849 ng

RT: 9.869 min Scan# 1323

Delta R.T. 0.006 min

Lab File: BF135598.D

Acq: 05 Oct 2023 14:21

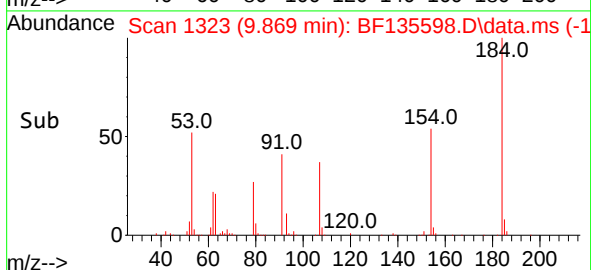
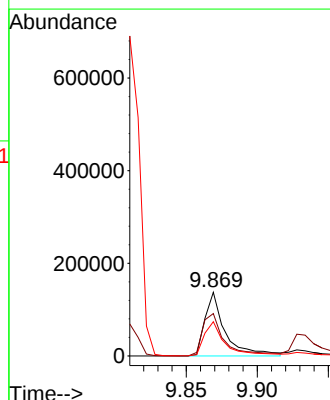
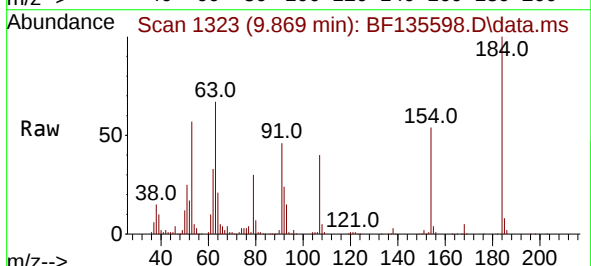
Tgt Ion:184 Resp: 137233

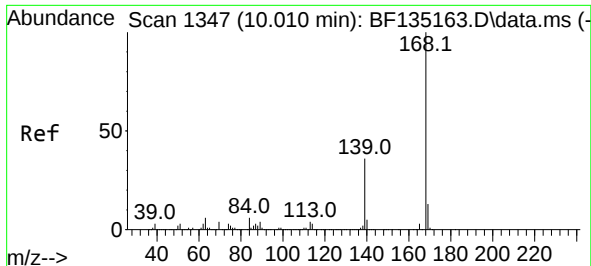
Ion Ratio Lower Upper

184 100

63 66.5 55.1 82.7

154 53.8 48.4 72.6

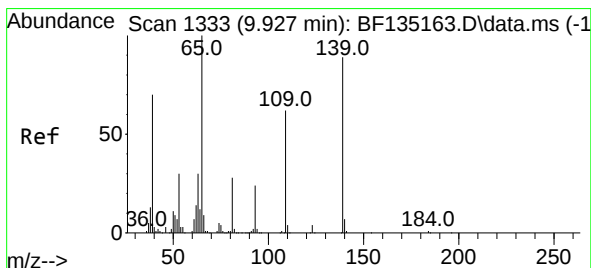
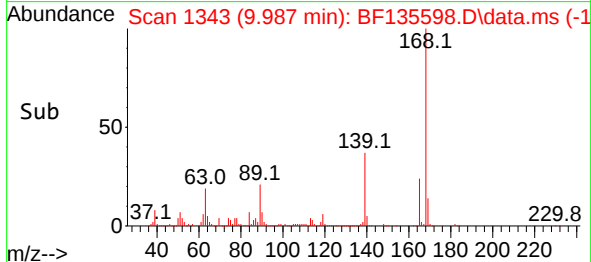
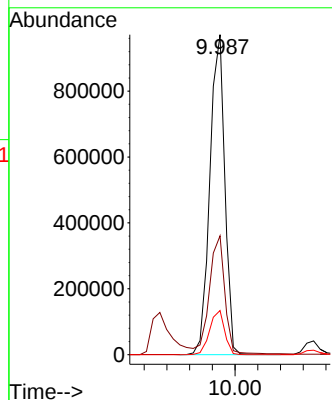
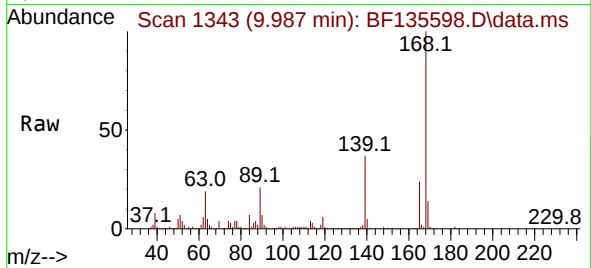




#55  
Dibenzenofuran  
Concen: 36.985 ng  
RT: 9.987 min Scan# 1347  
Delta R.T. 0.006 min  
Lab File: BF135598.D  
Acq: 05 Oct 2023 14:21

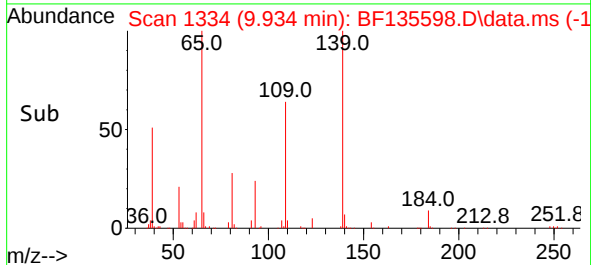
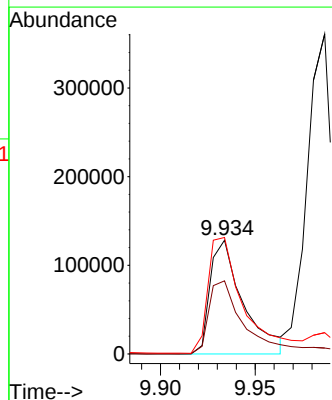
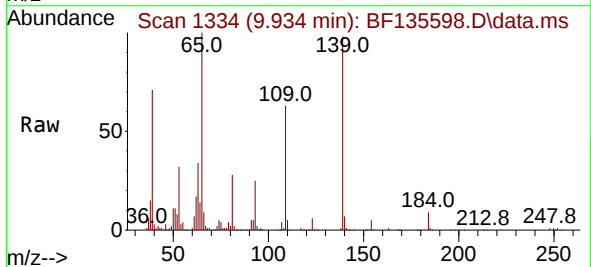
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

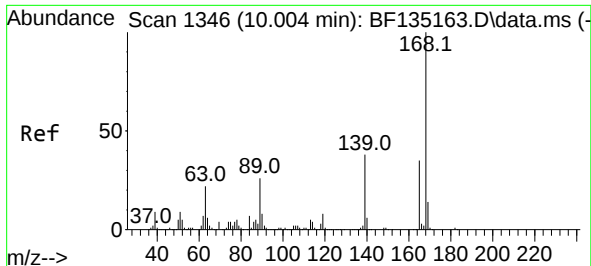
Tgt Ion:168 Resp: 883781  
Ion Ratio Lower Upper  
168 100  
139 37.2 29.0 43.6  
169 13.8 10.4 15.6



#56  
4-Nitrophenol  
Concen: 49.314 ng  
RT: 9.934 min Scan# 1334  
Delta R.T. 0.006 min  
Lab File: BF135598.D  
Acq: 05 Oct 2023 14:21

Tgt Ion:139 Resp: 155870  
Ion Ratio Lower Upper  
139 100  
109 64.3 49.8 89.8  
65 102.4 92.7 132.7

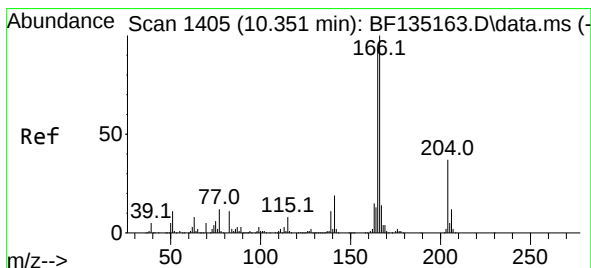
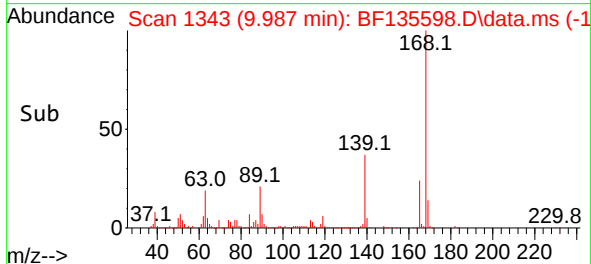
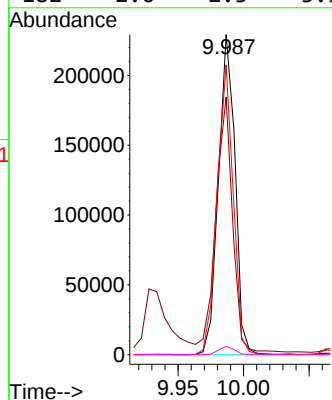
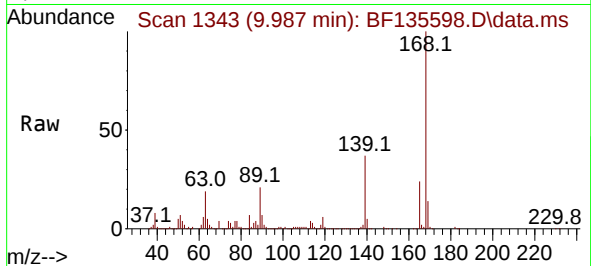




#57  
2,4-Dinitrotoluene  
Concen: 37.842 ng  
RT: 9.987 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF135598.D  
Acq: 05 Oct 2023 14:21

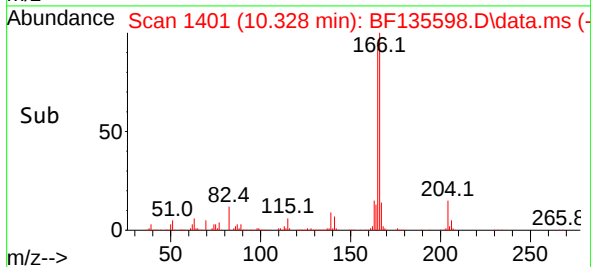
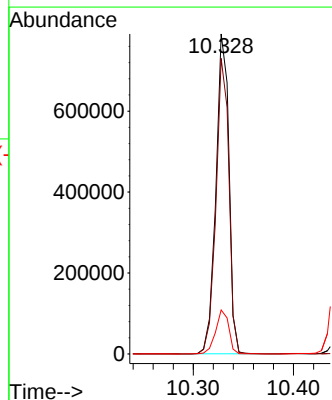
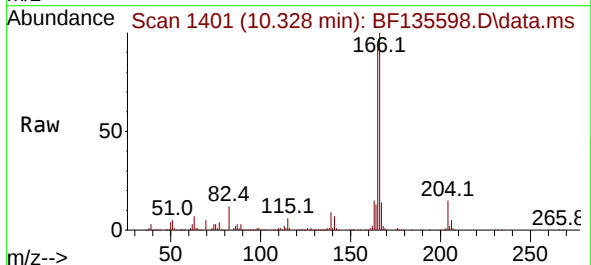
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

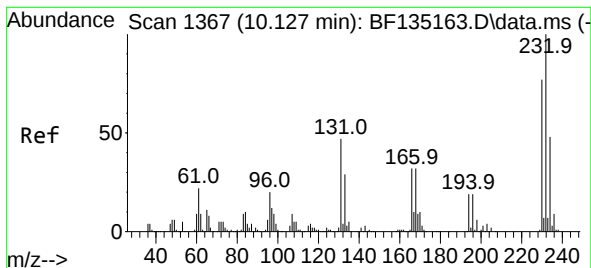
Tgt Ion:165 Resp: 200717  
Ion Ratio Lower Upper  
165 100  
63 80.5 50.1 75.1#  
89 90.5 59.3 88.9#  
182 2.6 2.3 3.5



#58  
Fluorene  
Concen: 38.807 ng  
RT: 10.328 min Scan# 1401  
Delta R.T. 0.000 min  
Lab File: BF135598.D  
Acq: 05 Oct 2023 14:21

Tgt Ion:166 Resp: 712888  
Ion Ratio Lower Upper  
166 100  
165 92.4 74.3 111.5  
167 13.7 10.9 16.3

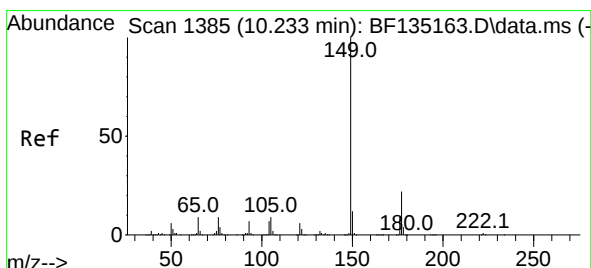
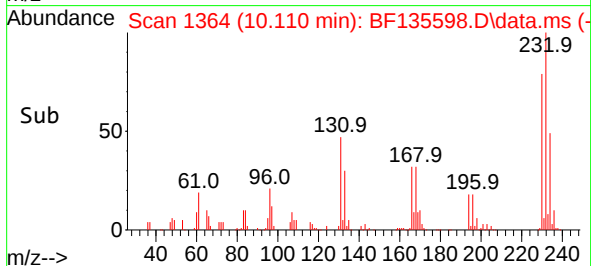
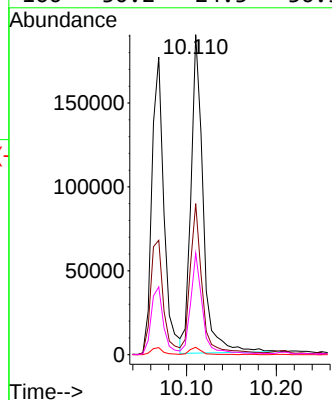
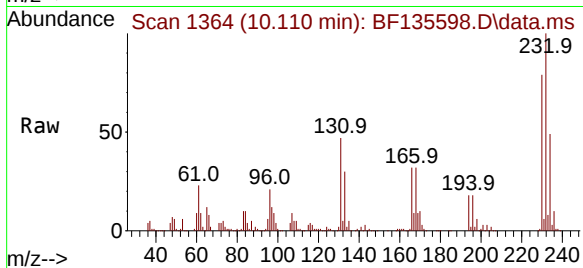




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 37.288 ng  
RT: 10.110 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF135598.D  
Acq: 05 Oct 2023 14:21

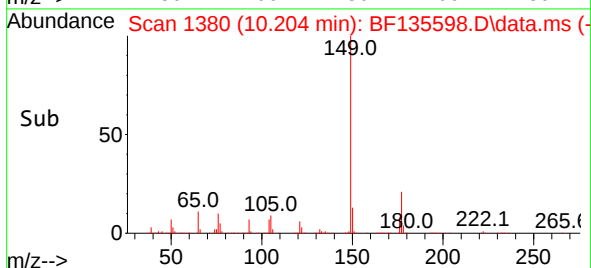
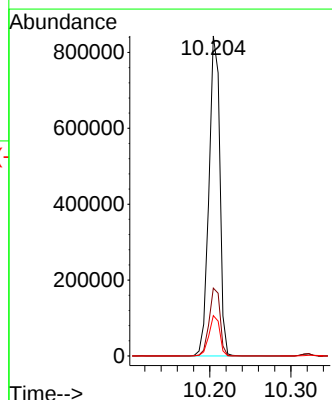
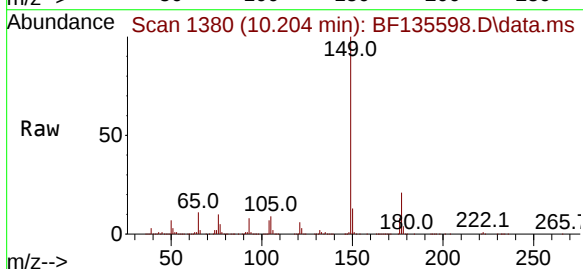
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

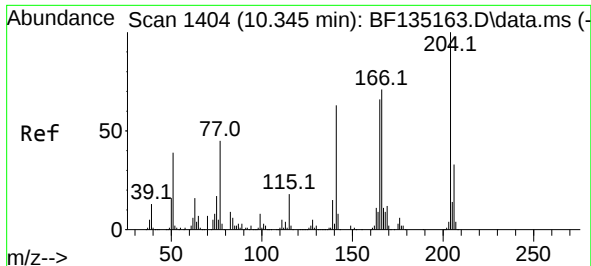
Tgt Ion:232 Resp: 179235  
Ion Ratio Lower Upper  
232 100  
131 45.2 35.4 53.2  
130 2.4 1.8 2.8  
166 30.2 24.3 36.5



#60  
Diethylphthalate  
Concen: 40.115 ng  
RT: 10.204 min Scan# 1380  
Delta R.T. 0.000 min  
Lab File: BF135598.D  
Acq: 05 Oct 2023 14:21

Tgt Ion:149 Resp: 778613  
Ion Ratio Lower Upper  
149 100  
177 21.2 17.8 26.6  
150 12.6 10.0 15.0

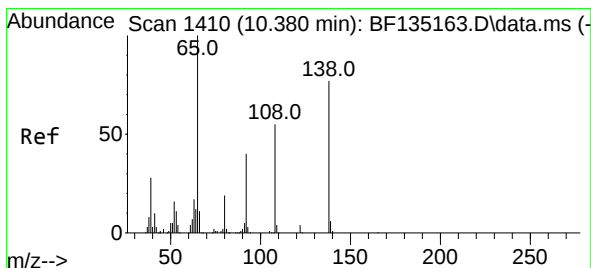
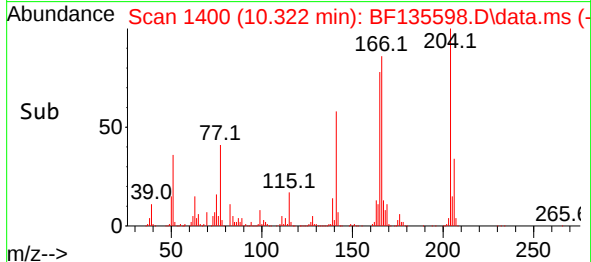
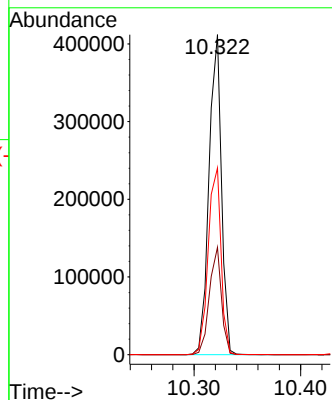
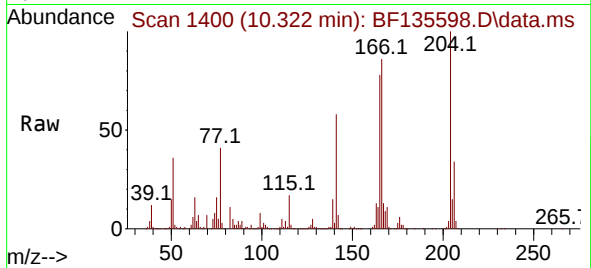




#61  
4-Chlorophenyl-phenylether  
Concen: 38.004 ng  
RT: 10.322 min Scan# 1400  
Delta R.T. 0.006 min  
Lab File: BF135598.D  
Acq: 05 Oct 2023 14:21

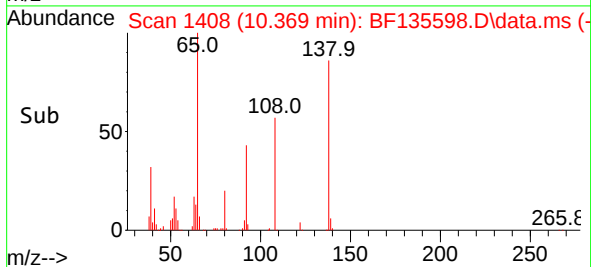
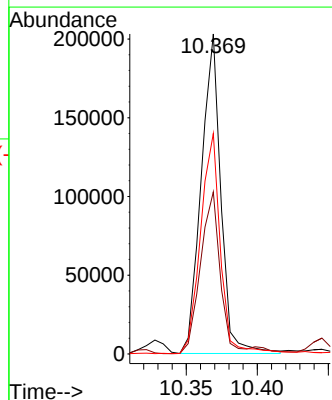
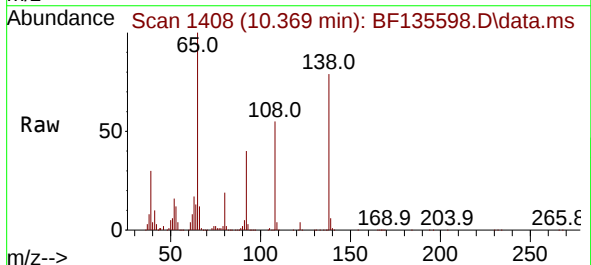
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

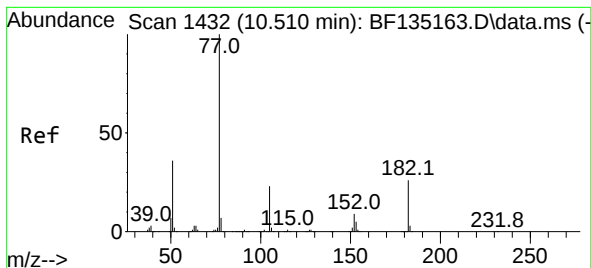
Tgt Ion:204 Resp: 335357  
Ion Ratio Lower Upper  
204 100  
206 33.6 26.7 40.1  
141 58.4 50.6 75.8



#62  
4-Nitroaniline  
Concen: 40.863 ng  
RT: 10.369 min Scan# 1408  
Delta R.T. 0.006 min  
Lab File: BF135598.D  
Acq: 05 Oct 2023 14:21

Tgt Ion:138 Resp: 195349  
Ion Ratio Lower Upper  
138 100  
92 50.7 31.8 71.8  
108 68.9 52.0 92.0





#63

Azobenzene

Concen: 42.228 ng

RT: 10.481 min Scan# 1432

Delta R.T. 0.000 min

Lab File: BF135598.D

Acq: 05 Oct 2023 14:21

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 77 Resp: 802159

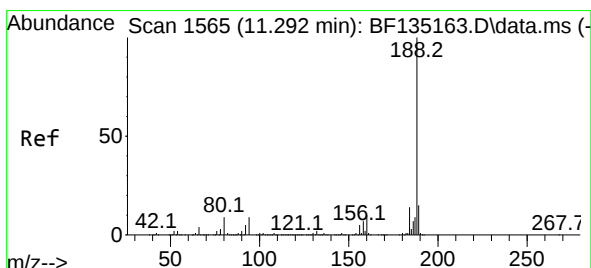
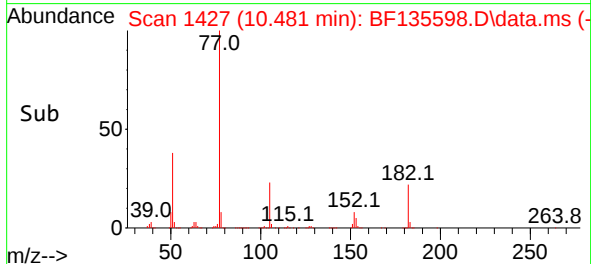
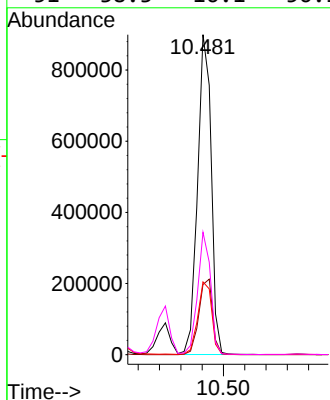
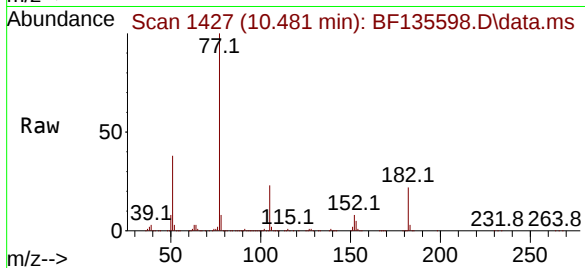
Ion Ratio Lower Upper

77 100

182 22.0 6.4 46.4

105 22.8 3.1 43.1

51 38.3 16.1 56.1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.269 min Scan# 1561

Delta R.T. 0.000 min

Lab File: BF135598.D

Acq: 05 Oct 2023 14:21

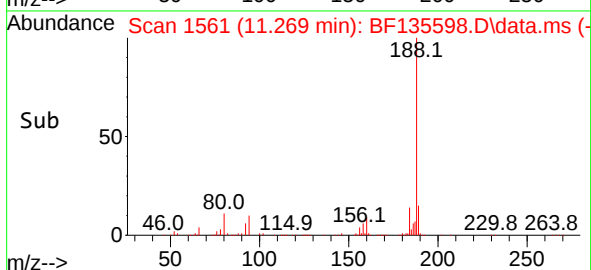
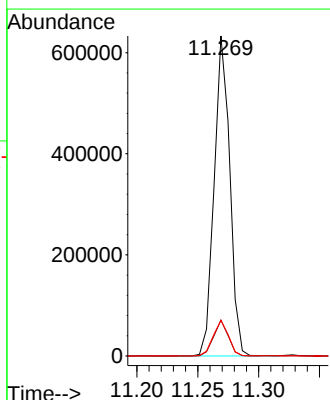
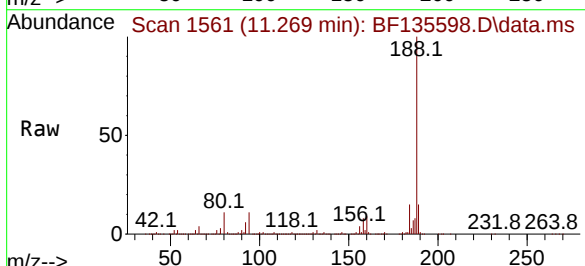
Tgt Ion: 188 Resp: 566966

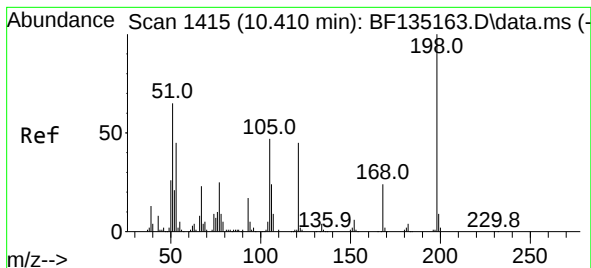
Ion Ratio Lower Upper

188 100

94 11.2 7.0 10.6#

80 11.2 7.5 11.3

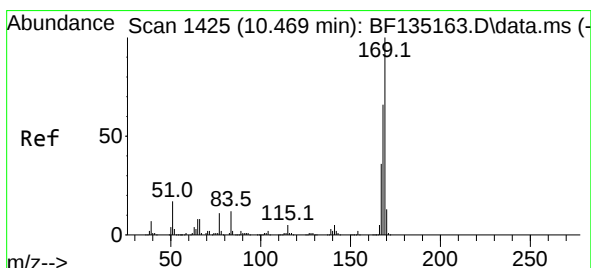
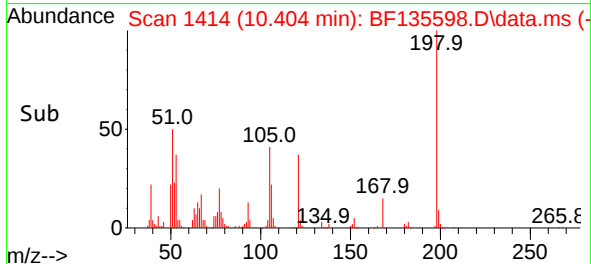
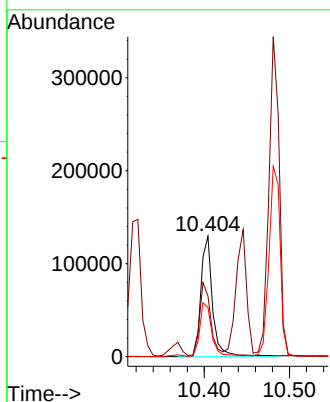
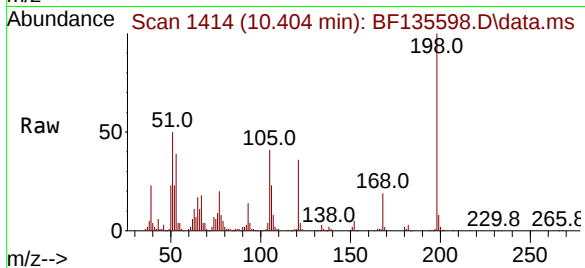




#65  
4,6-Dinitro-2-methylphenol  
Concen: 40.802 ng  
RT: 10.404 min Scan# 1415  
Delta R.T. 0.006 min  
Lab File: BF135598.D  
Acq: 05 Oct 2023 14:21

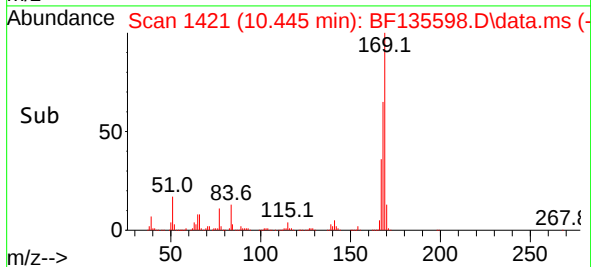
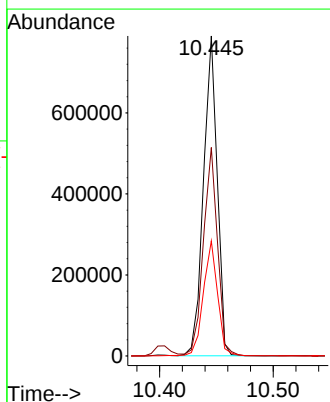
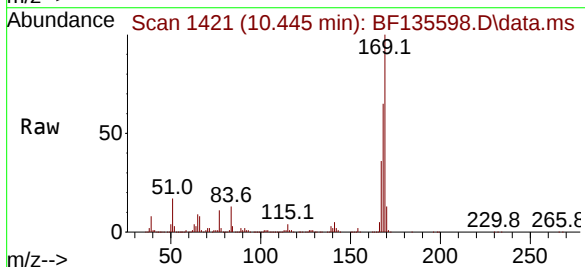
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

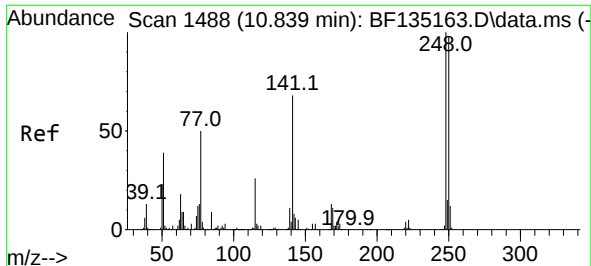
Tgt Ion:198 Resp: 122870  
Ion Ratio Lower Upper  
198 100  
51 50.4 47.7 87.7  
105 41.0 27.4 67.4



#66  
n-Nitrosodiphenylamine  
Concen: 38.663 ng  
RT: 10.445 min Scan# 1421  
Delta R.T. 0.000 min  
Lab File: BF135598.D  
Acq: 05 Oct 2023 14:21

Tgt Ion:169 Resp: 663636  
Ion Ratio Lower Upper  
169 100  
168 65.2 52.8 79.2  
167 36.0 29.0 43.6





#67

4-Bromophenyl-phenylether

Concen: 37.984 ng

RT: 10.810 min Scan# 1483

Delta R.T. 0.000 min

Lab File: BF135598.D

Acq: 05 Oct 2023 14:21

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

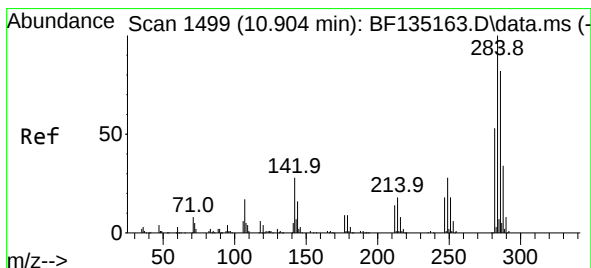
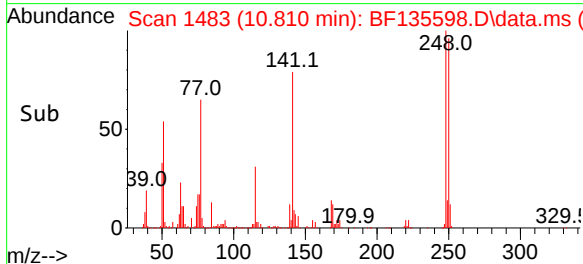
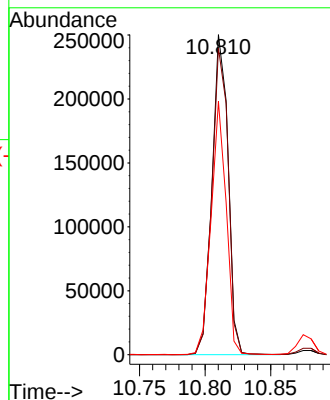
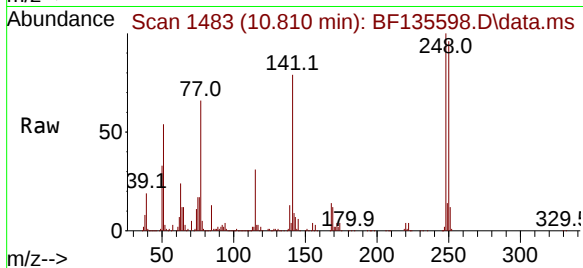
Tgt Ion:248 Resp: 214189

Ion Ratio Lower Upper

248 100

250 95.8 78.6 117.8

141 79.2 54.2 81.2



#68

Hexachlorobenzene

Concen: 37.466 ng

RT: 10.881 min Scan# 1495

Delta R.T. 0.006 min

Lab File: BF135598.D

Acq: 05 Oct 2023 14:21

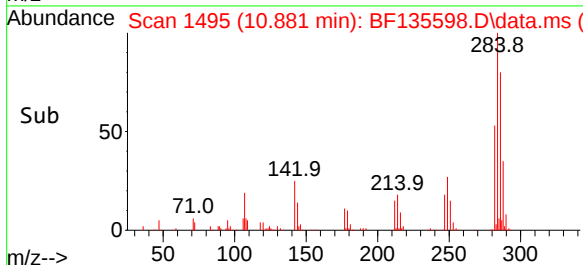
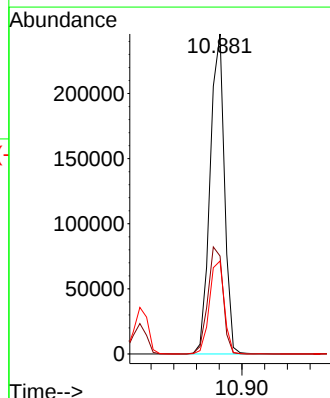
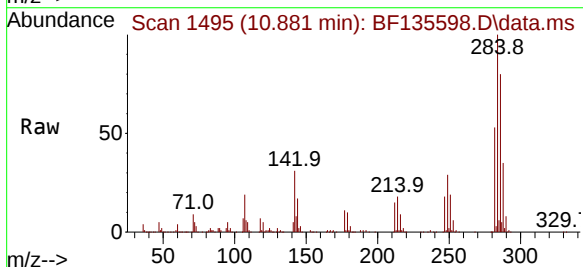
Tgt Ion:284 Resp: 215231

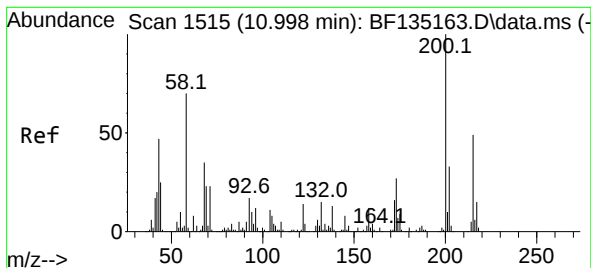
Ion Ratio Lower Upper

284 100

142 30.6 22.2 33.4

249 29.1 22.5 33.7





#69

Atrazine

Concen: 37.949 ng

RT: 10.975 min Scan# 1511

Delta R.T. 0.000 min

Lab File: BF135598.D

Acq: 05 Oct 2023 14:21

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

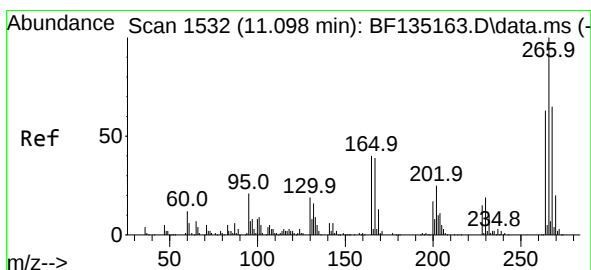
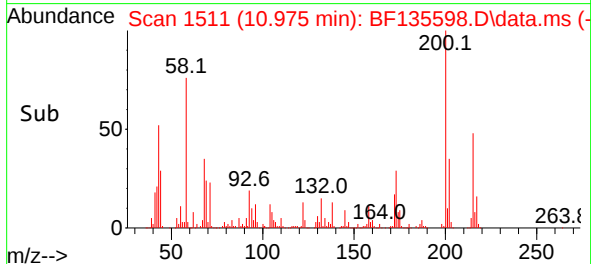
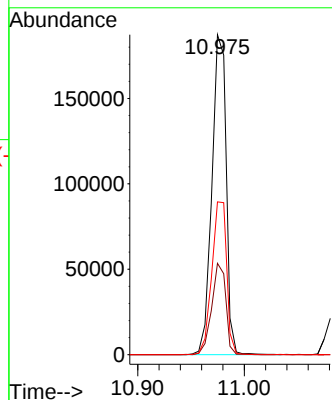
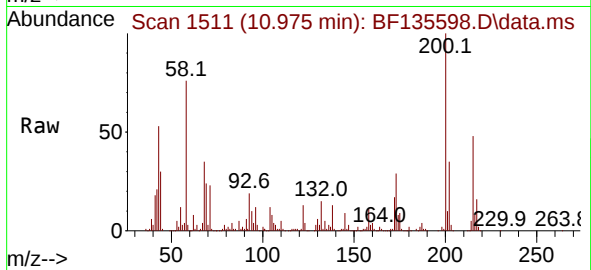
Tgt Ion:200 Resp: 175269

Ion Ratio Lower Upper

200 100

173 28.5 7.4 47.4

215 47.7 28.6 68.6



#70

Pentachlorophenol

Concen: 38.355 ng

RT: 11.081 min Scan# 1529

Delta R.T. 0.000 min

Lab File: BF135598.D

Acq: 05 Oct 2023 14:21

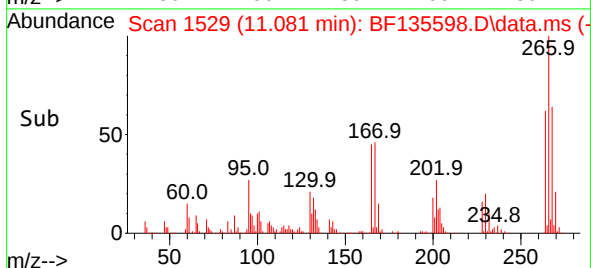
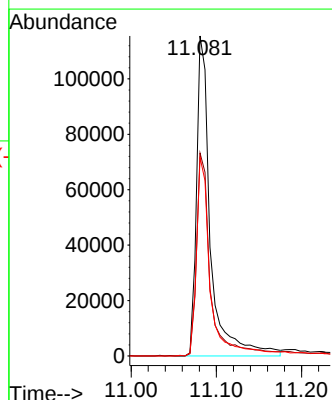
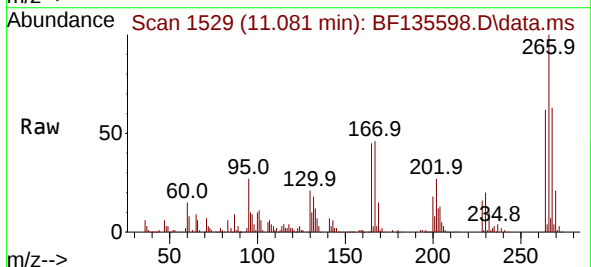
Tgt Ion:266 Resp: 131829

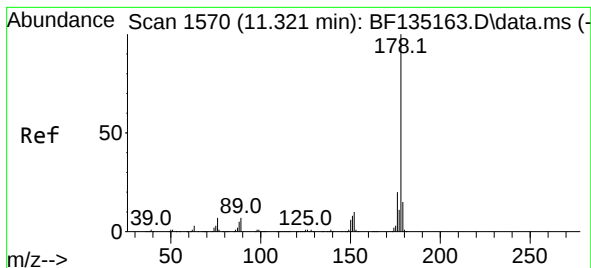
Ion Ratio Lower Upper

266 100

268 63.4 52.1 78.1

264 62.1 50.8 76.2





#71

Phenanthrene

Concen: 38.893 ng

RT: 11.298 min Scan# 1566

Delta R.T. 0.006 min

Lab File: BF135598.D

Acq: 05 Oct 2023 14:21

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

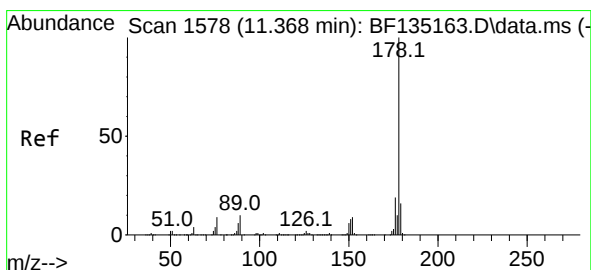
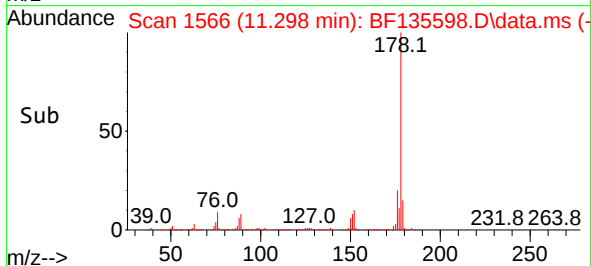
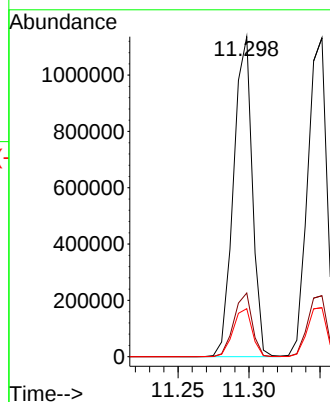
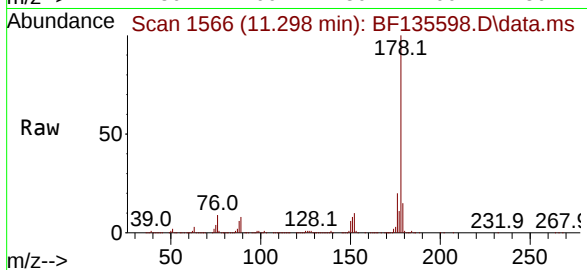
Tgt Ion:178 Resp: 1042917

Ion Ratio Lower Upper

178 100

176 19.9 15.6 23.4

179 15.0 12.0 18.0



#72

Anthracene

Concen: 38.747 ng

RT: 11.351 min Scan# 1575

Delta R.T. 0.006 min

Lab File: BF135598.D

Acq: 05 Oct 2023 14:21

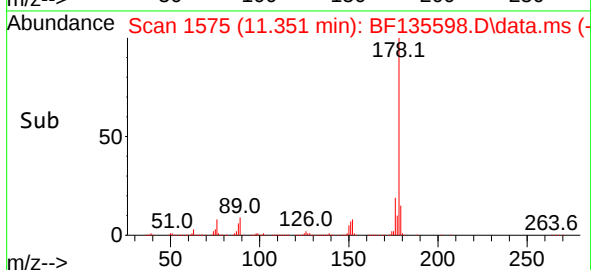
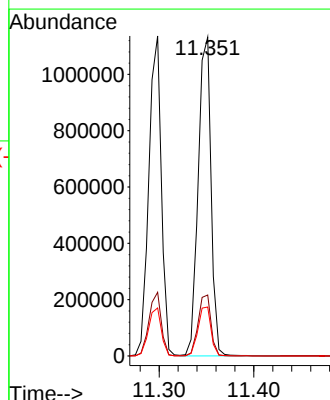
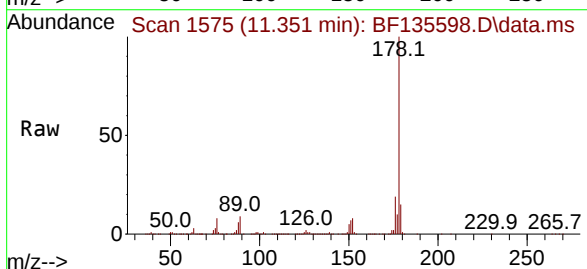
Tgt Ion:178 Resp: 1067984

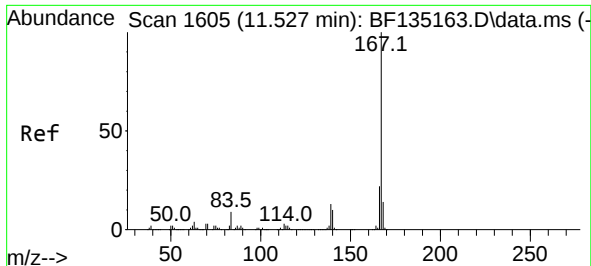
Ion Ratio Lower Upper

178 100

176 19.1 15.4 23.2

179 15.4 12.6 19.0

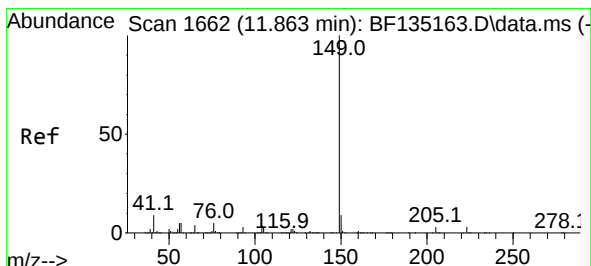
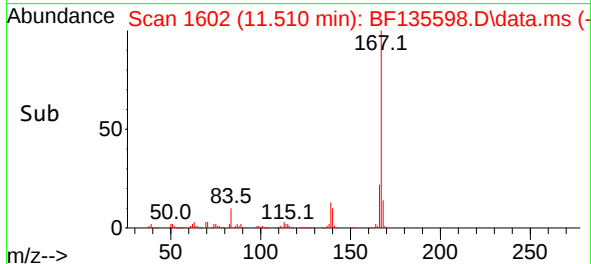
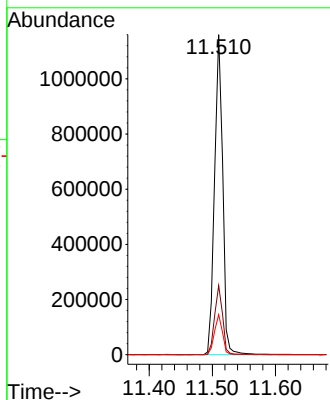
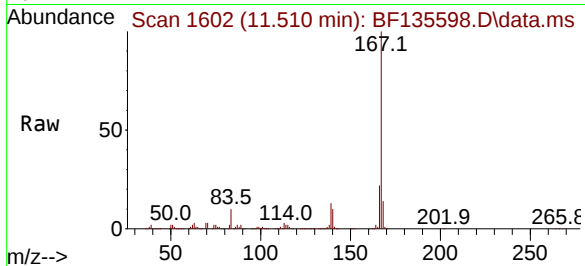




#73  
Carbazole  
Concen: 41.234 ng  
RT: 11.510 min Scan# 1658  
Delta R.T. 0.000 min  
Lab File: BF135598.D  
Acq: 05 Oct 2023 14:21

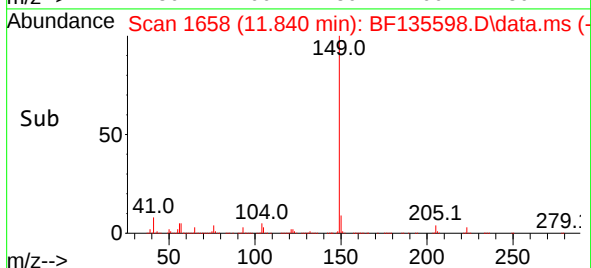
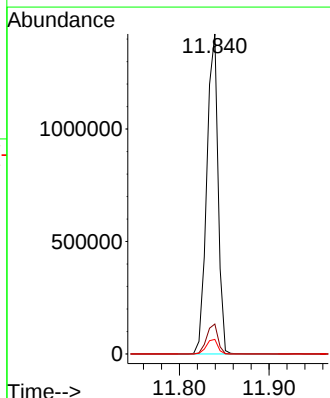
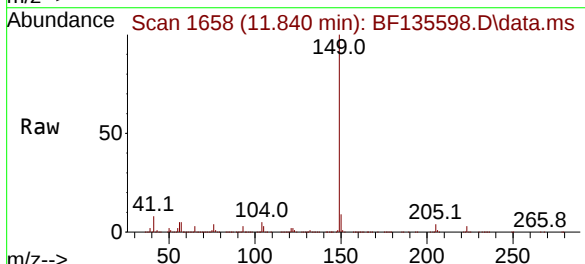
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

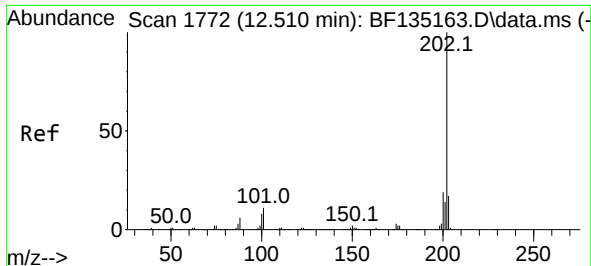
Tgt Ion:167 Resp: 1034618  
Ion Ratio Lower Upper  
167 100  
166 21.6 17.4 26.0  
139 12.5 10.6 15.8



#74  
Di-n-butylphthalate  
Concen: 41.984 ng  
RT: 11.840 min Scan# 1658  
Delta R.T. 0.006 min  
Lab File: BF135598.D  
Acq: 05 Oct 2023 14:21

Tgt Ion:149 Resp: 1241312  
Ion Ratio Lower Upper  
149 100  
150 9.4 7.4 11.0  
104 4.6 3.6 5.4

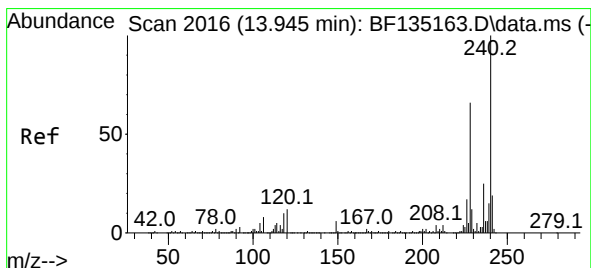
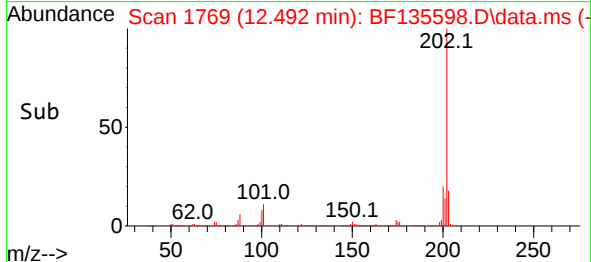
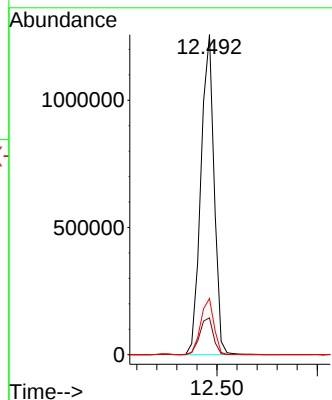
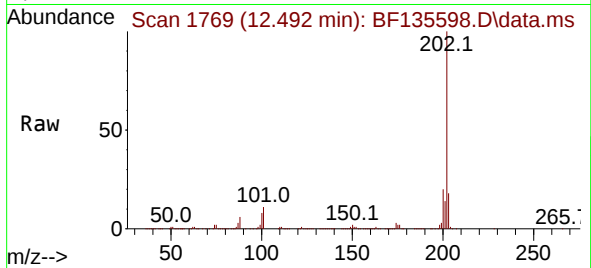




#75  
Fluoranthene  
Concen: 41.401 ng  
RT: 12.492 min Scan# 1  
Delta R.T. 0.006 min  
Lab File: BF135598.D  
Acq: 05 Oct 2023 14:21

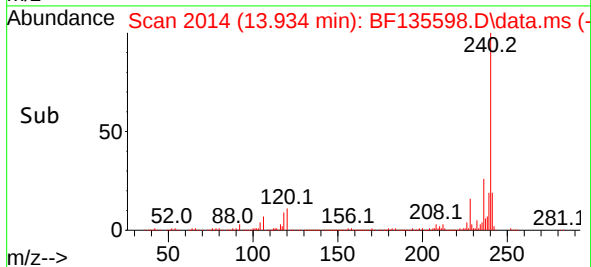
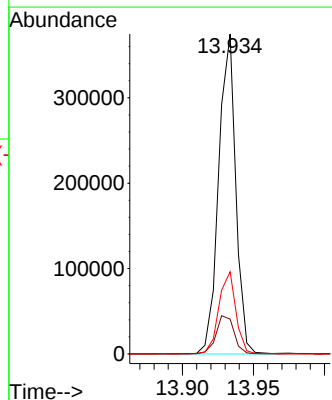
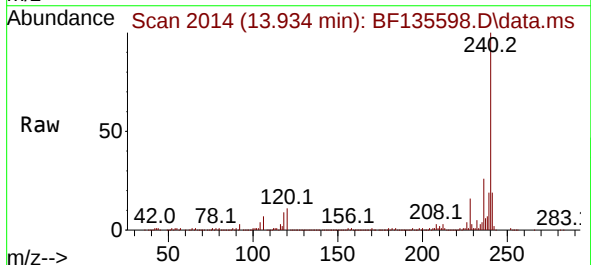
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

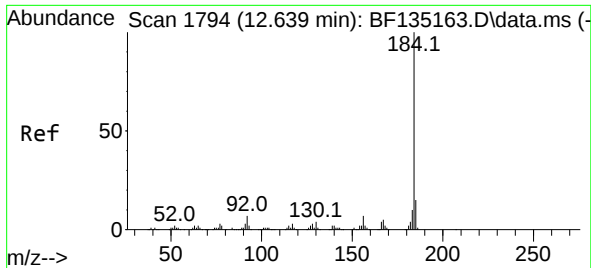
Tgt Ion:202 Resp: 1156784  
Ion Ratio Lower Upper  
202 100  
101 11.5 0.0 31.3  
203 17.6 0.0 37.4



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.934 min Scan# 2014  
Delta R.T. 0.006 min  
Lab File: BF135598.D  
Acq: 05 Oct 2023 14:21

Tgt Ion:240 Resp: 312822  
Ion Ratio Lower Upper  
240 100  
120 10.9 9.4 14.2  
236 25.7 19.8 29.8

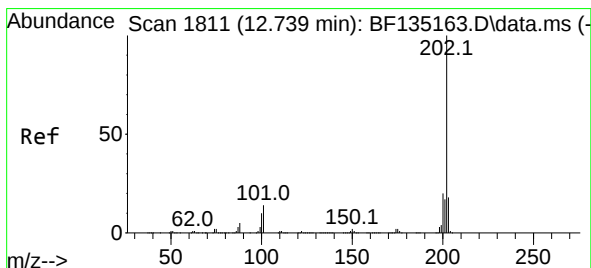
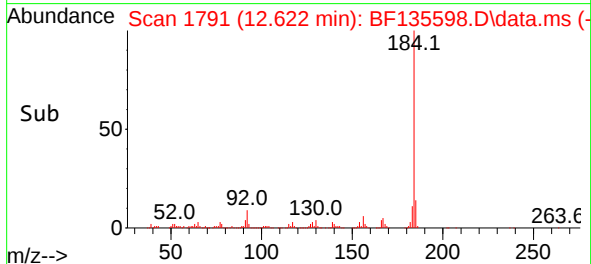
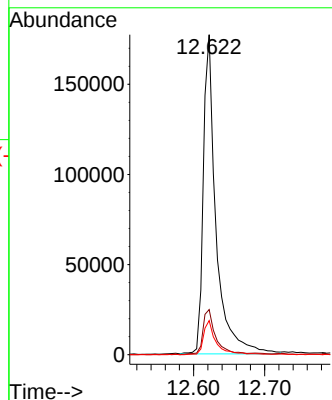
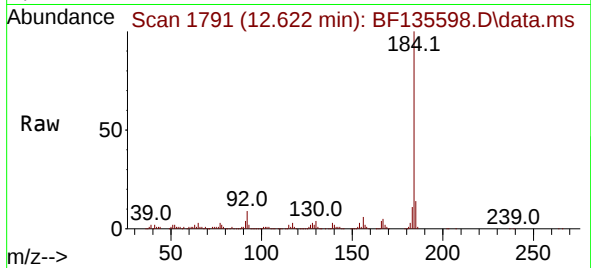




#77  
Benzidine  
Concen: 34.430 ng  
RT: 12.622 min Scan# 1791  
Delta R.T. 0.006 min  
Lab File: BF135598.D  
Acq: 05 Oct 2023 14:21

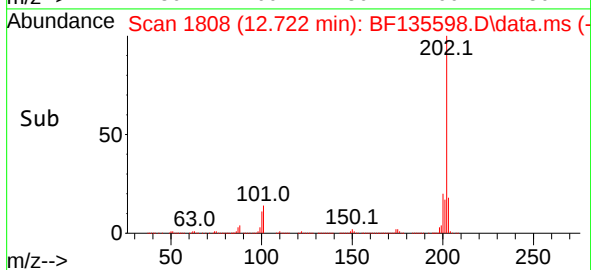
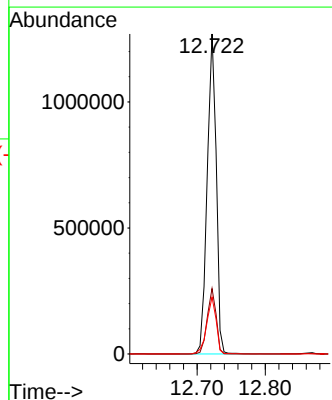
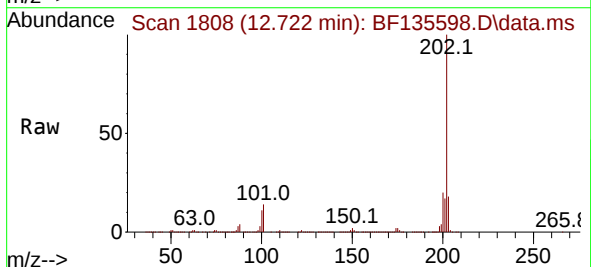
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

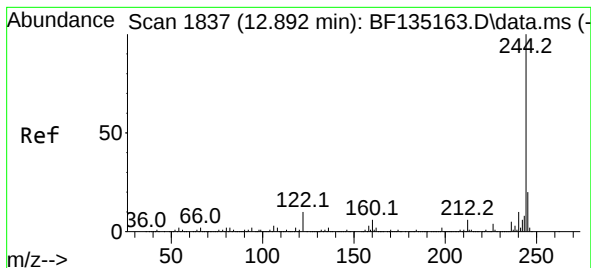
Tgt Ion:184 Resp: 220655  
Ion Ratio Lower Upper  
184 100  
185 14.1 11.7 17.5  
183 10.7 8.2 12.4



#78  
Pyrene  
Concen: 39.320 ng  
RT: 12.722 min Scan# 1808  
Delta R.T. 0.006 min  
Lab File: BF135598.D  
Acq: 05 Oct 2023 14:21

Tgt Ion:202 Resp: 1171069  
Ion Ratio Lower Upper  
202 100  
200 20.4 16.2 24.2  
203 17.8 14.2 21.4





#79

Terphenyl-d14

Concen: 72.524 ng

RT: 12.869 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF135598.D

Acq: 05 Oct 2023 14:21

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

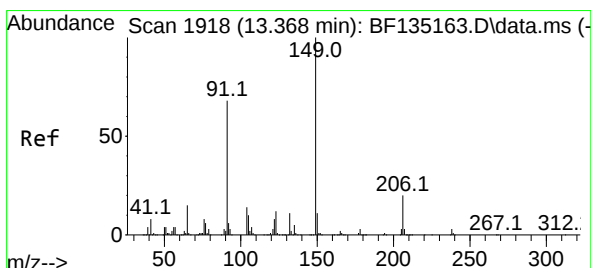
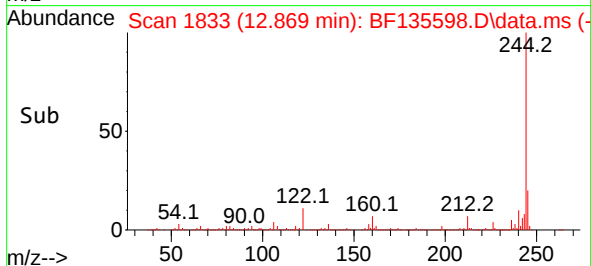
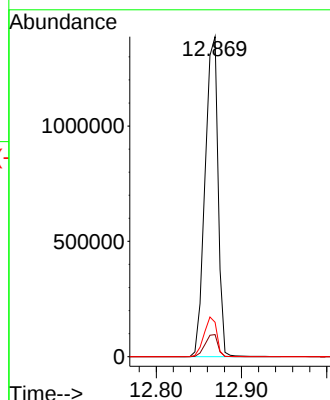
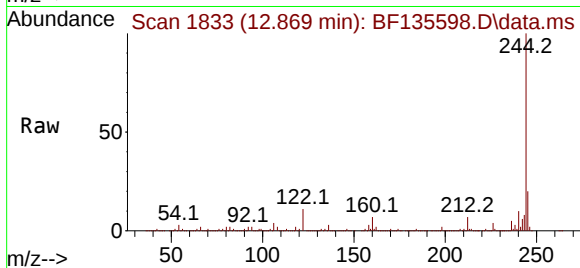
Tgt Ion:244 Resp: 1463497

Ion Ratio Lower Upper

244 100

212 6.9 5.1 7.7

122 10.7 7.9 11.9



#80

Butylbenzylphthalate

Concen: 47.763 ng

RT: 13.345 min Scan# 1914

Delta R.T. 0.006 min

Lab File: BF135598.D

Acq: 05 Oct 2023 14:21

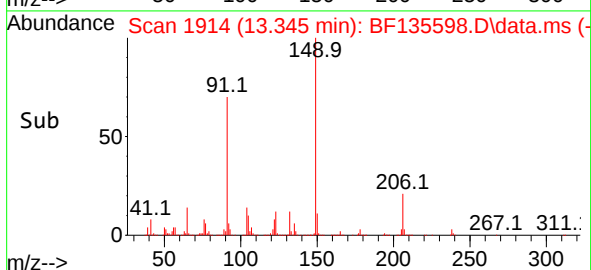
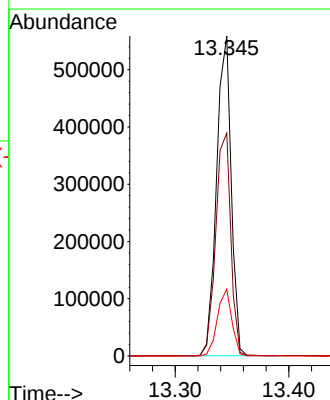
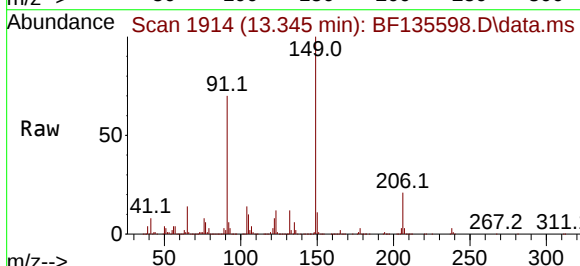
Tgt Ion:149 Resp: 500845

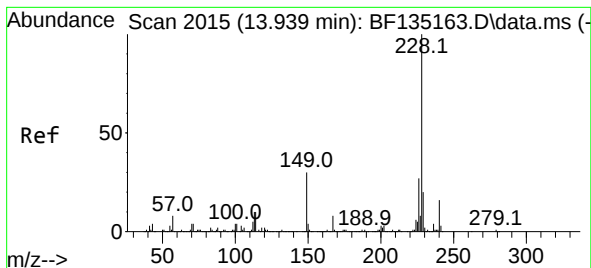
Ion Ratio Lower Upper

149 100

91 69.6 54.7 82.1

206 20.9 16.3 24.5





#81

Benzo(a)anthracene

Concen: 40.439 ng

RT: 13.922 min Scan# 2015

Delta R.T. 0.006 min

Lab File: BF135598.D

Acq: 05 Oct 2023 14:21

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

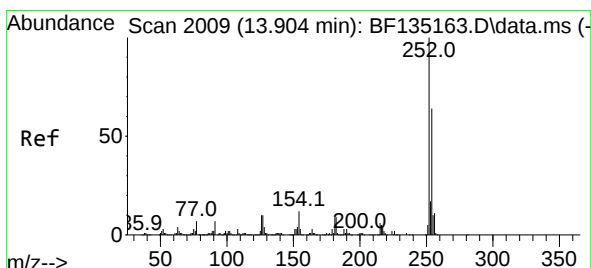
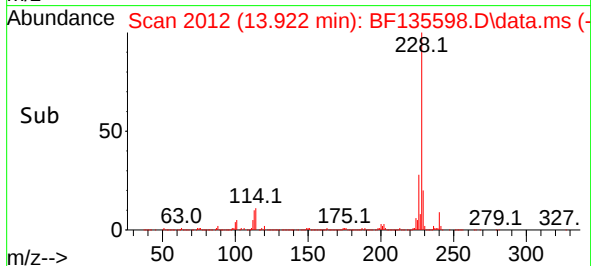
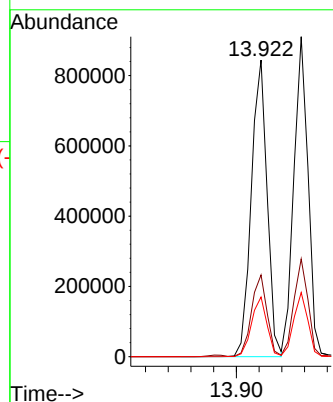
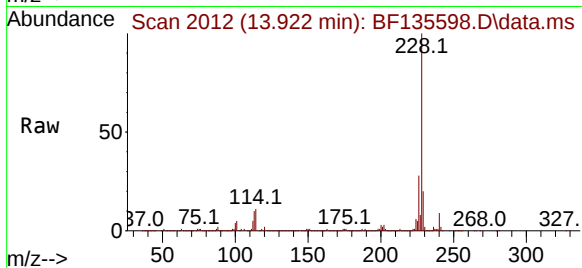
Tgt Ion:228 Resp: 816866

Ion Ratio Lower Upper

228 100

226 27.6 21.7 32.5

229 20.1 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 42.204 ng

RT: 13.881 min Scan# 2005

Delta R.T. 0.000 min

Lab File: BF135598.D

Acq: 05 Oct 2023 14:21

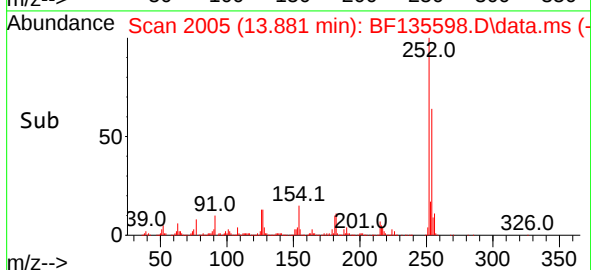
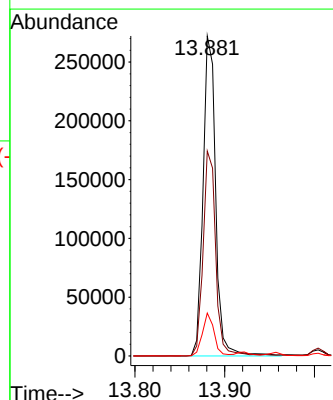
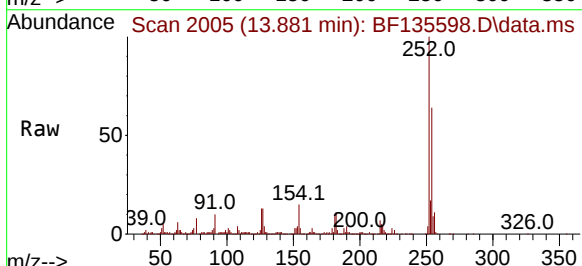
Tgt Ion:252 Resp: 266283

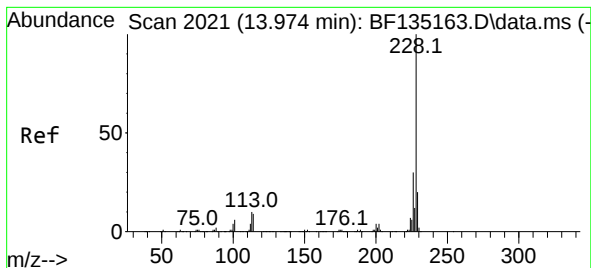
Ion Ratio Lower Upper

252 100

254 64.1 51.0 76.4

126 13.4 7.8 11.8#





#83

Chrysene

Concen: 39.515 ng

RT: 13.957 min Scan# 2009

Delta R.T. 0.006 min

Lab File: BF135598.D

Acq: 05 Oct 2023 14:21

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

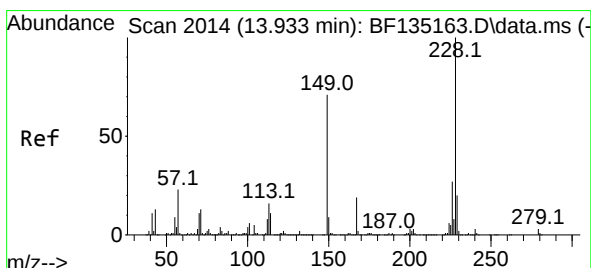
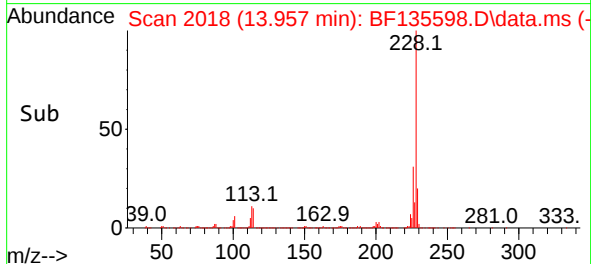
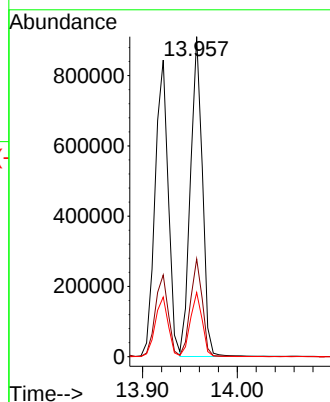
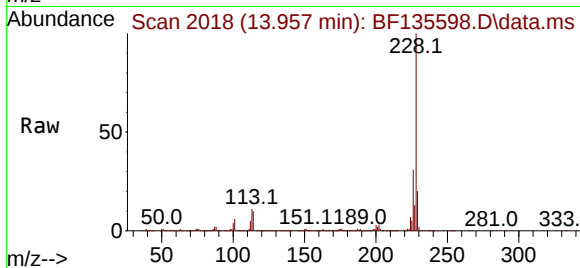
Tgt Ion:228 Resp: 793581

Ion Ratio Lower Upper

228 100

226 30.6 24.3 36.5

229 20.1 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 57.333 ng

RT: 13.904 min Scan# 2009

Delta R.T. 0.000 min

Lab File: BF135598.D

Acq: 05 Oct 2023 14:21

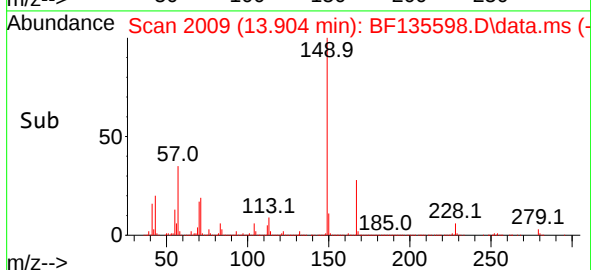
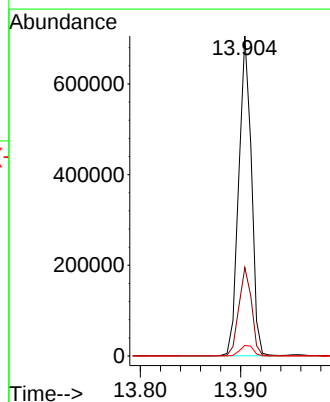
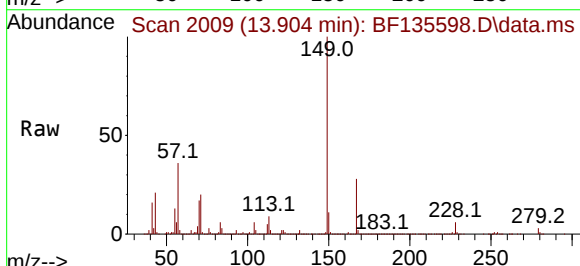
Tgt Ion:149 Resp: 616935

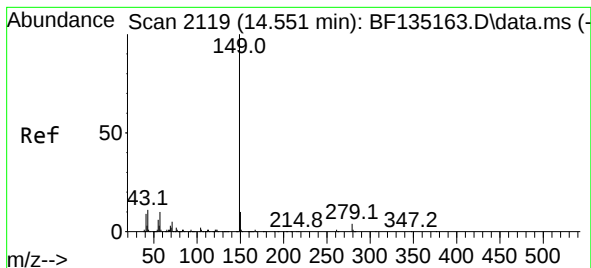
Ion Ratio Lower Upper

149 100

167 27.6 21.9 32.9

279 3.3 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 48.099 ng

RT: 14.522 min Scan# 2114

Delta R.T. 0.000 min

Lab File: BF135598.D

Acq: 05 Oct 2023 14:21

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

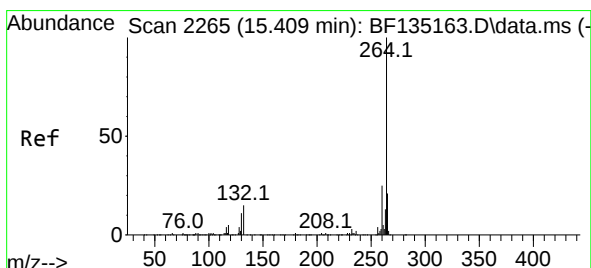
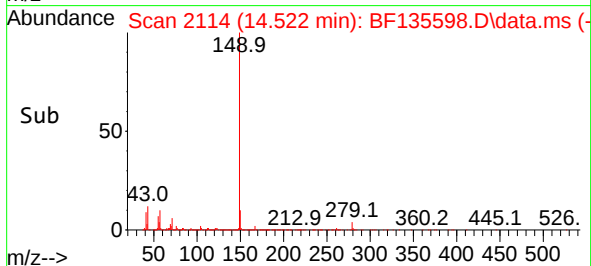
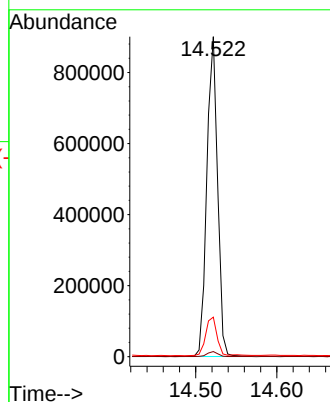
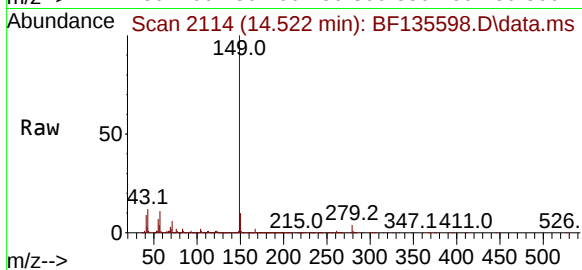
Tgt Ion:149 Resp: 822525

Ion Ratio Lower Upper

149 100

167 1.6 1.1 1.7

43 12.6 9.8 14.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.392 min Scan# 2262

Delta R.T. 0.006 min

Lab File: BF135598.D

Acq: 05 Oct 2023 14:21

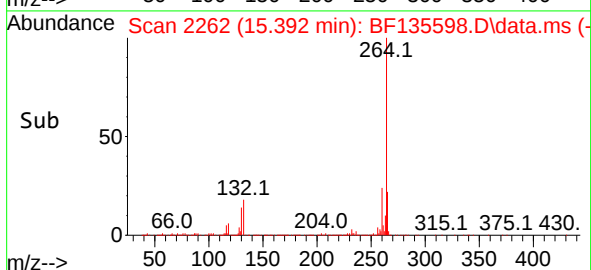
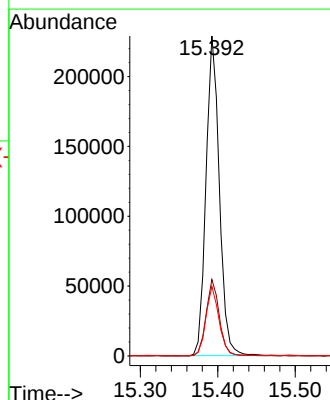
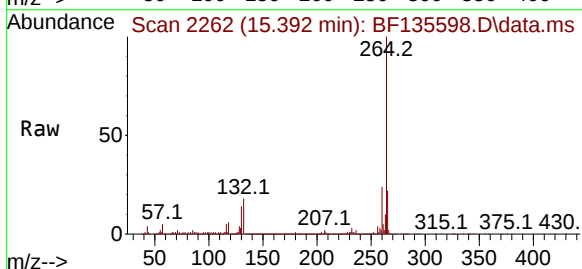
Tgt Ion:264 Resp: 273539

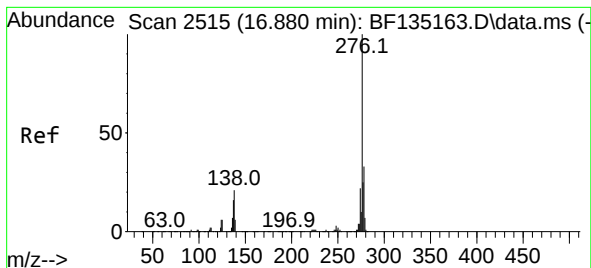
Ion Ratio Lower Upper

264 100

260 23.9 19.8 29.6

265 21.8 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 42.007 ng

RT: 16.886 min Scan# 2190

Delta R.T. 0.018 min

Lab File: BF135598.D

Acq: 05 Oct 2023 14:21

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

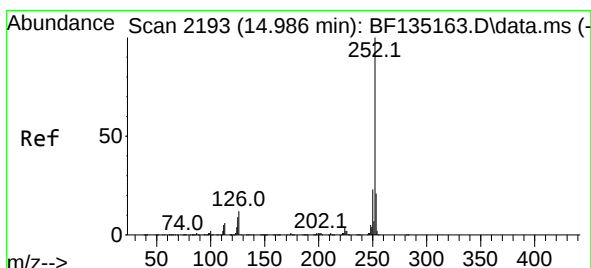
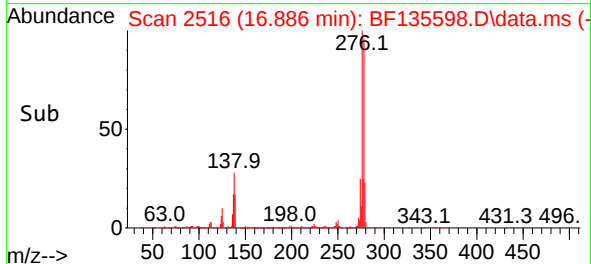
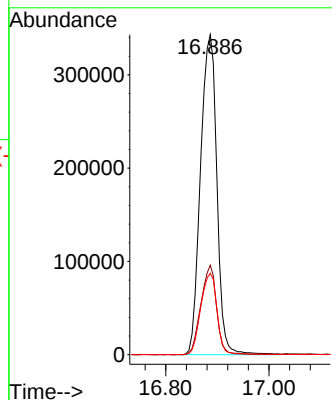
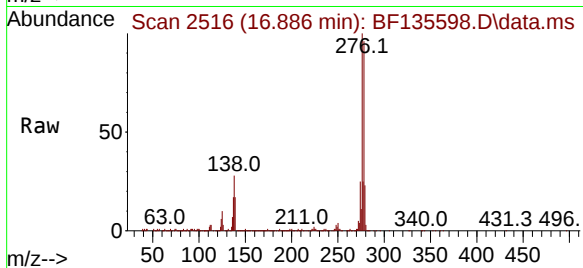
Tgt Ion:276 Resp: 753393

Ion Ratio Lower Upper

276 100

138 26.7 19.2 28.8

277 25.2 19.7 29.5



#88

Benzo(b)fluoranthene

Concen: 37.871 ng

RT: 14.969 min Scan# 2190

Delta R.T. 0.006 min

Lab File: BF135598.D

Acq: 05 Oct 2023 14:21

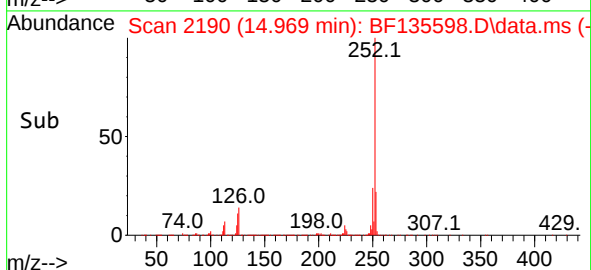
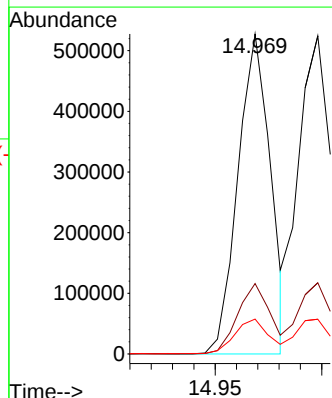
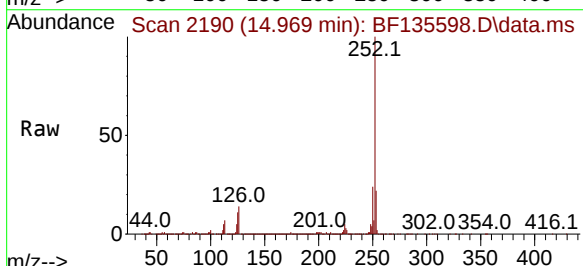
Tgt Ion:252 Resp: 560783

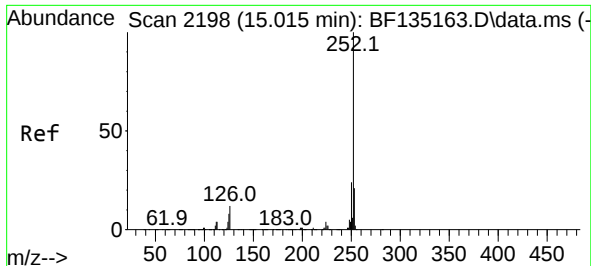
Ion Ratio Lower Upper

252 100

253 22.0 17.2 25.8

125 10.9 7.1 10.7#

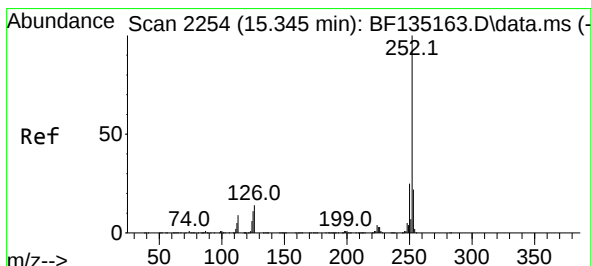
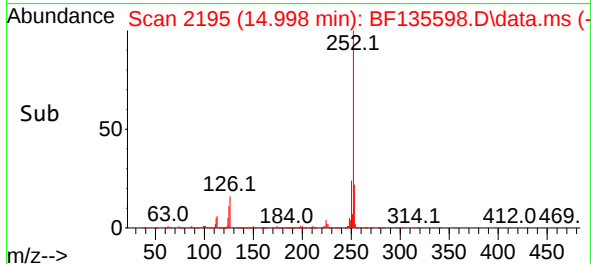
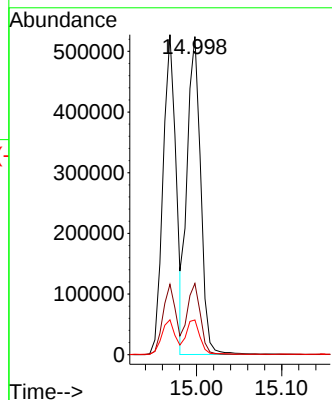
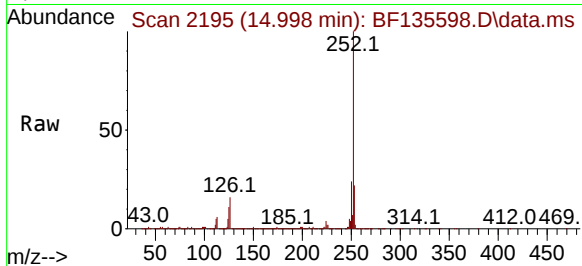




#89  
Benzo(k)fluoranthene  
Concen: 39.484 ng  
RT: 14.998 min Scan# 2198  
Delta R.T. 0.006 min  
Lab File: BF135598.D  
Acq: 05 Oct 2023 14:21

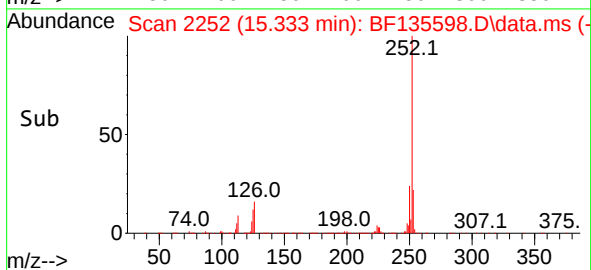
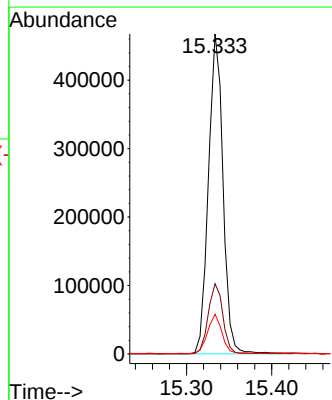
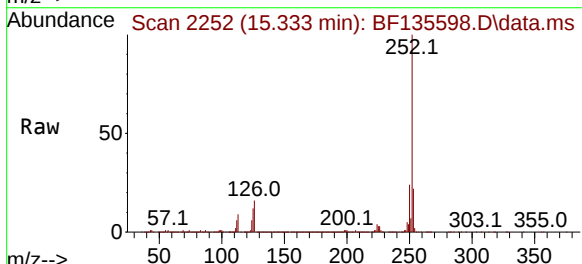
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

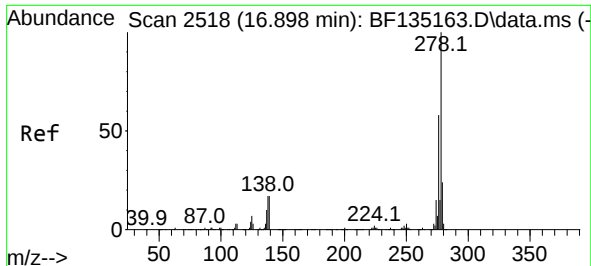
Tgt Ion:252 Resp: 577540  
Ion Ratio Lower Upper  
252 100  
253 22.4 17.4 26.0  
125 10.9 7.2 10.8#



#90  
Benzo(a)pyrene  
Concen: 39.273 ng  
RT: 15.333 min Scan# 2252  
Delta R.T. 0.006 min  
Lab File: BF135598.D  
Acq: 05 Oct 2023 14:21

Tgt Ion:252 Resp: 554570  
Ion Ratio Lower Upper  
252 100  
253 22.0 17.5 26.3  
125 12.4 9.2 13.8

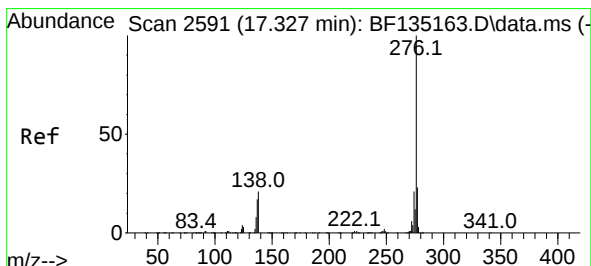
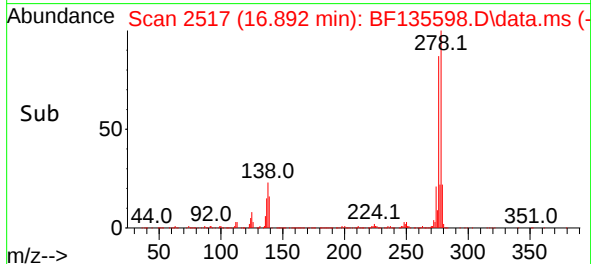
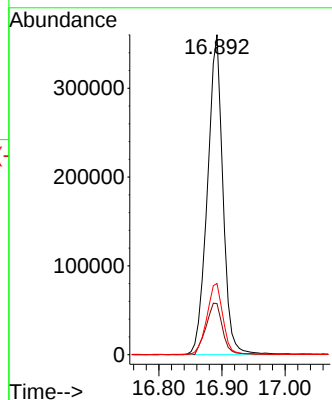
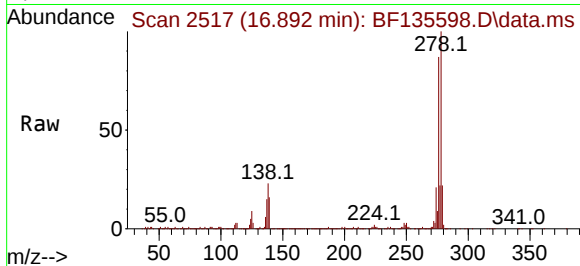




#91  
Dibenzo(a,h)anthracene  
Concen: 41.840 ng  
RT: 16.892 min Scan# 2517  
Delta R.T. 0.012 min  
Lab File: BF135598.D  
Acq: 05 Oct 2023 14:21

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion:278 Resp: 613985  
Ion Ratio Lower Upper  
278 100  
139 15.9 13.4 20.0  
279 22.3 19.0 28.6



#92  
Benzo(g,h,i)perylene  
Concen: 40.151 ng  
RT: 17.327 min Scan# 2591  
Delta R.T. 0.012 min  
Lab File: BF135598.D  
Acq: 05 Oct 2023 14:21

Tgt Ion:276 Resp: 615349  
Ion Ratio Lower Upper  
276 100  
277 23.2 18.8 28.2  
138 23.9 16.9 25.3

