

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF101023\  
 Data File : BF135682.D  
 Acq On : 10 Oct 2023 13:50  
 Operator : CG\JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Quant Time: Oct 11 02:52:24 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 11 02:43:17 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.739  | 152  | 92633    | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.022  | 136  | 346674   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.775  | 164  | 177960   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.274 | 188  | 334953   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 13.933 | 240  | 162096   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 15.404 | 264  | 175763   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.369  | 112  | 461744   | 81.073 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.392  | 99   | 564599   | 77.961 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.310  | 82   | 533957   | 83.680 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.575 | 330  | 143081   | 80.906 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.098  | 172  | 970037   | 82.238 | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.868 | 244  | 918590   | 87.849 | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.422  | 88   | 108842   | 43.593 | ng    | 97       |
| 3) Pyridine                   | 3.169  | 79   | 263424   | 39.202 | ng    | 95       |
| 4) n-Nitrosodimethylamine     | 3.146  | 42   | 150009   | 42.068 | ng    | 94       |
| 6) Aniline                    | 6.410  | 93   | 356243   | 37.512 | ng    | # 73     |
| 8) 2-Chlorophenol             | 6.528  | 128  | 247863   | 40.768 | ng    | 98       |
| 9) Benzaldehyde               | 6.298  | 77   | 149607   | 36.263 | ng    | 97       |
| 10) Phenol                    | 6.404  | 94   | 304215   | 38.308 | ng    | # 74     |
| 11) bis(2-Chloroethyl)ether   | 6.481  | 93   | 234463   | 39.361 | ng    | 98       |
| 12) 1,3-Dichlorobenzene       | 6.681  | 146  | 245154   | 39.676 | ng    | 97       |
| 13) 1,4-Dichlorobenzene       | 6.757  | 146  | 249443   | 39.679 | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 6.910  | 146  | 228766   | 39.186 | ng    | 97       |
| 15) Benzyl Alcohol            | 6.892  | 79   | 185776   | 35.748 | ng    | 99       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.016  | 45   | 433145   | 38.577 | ng    | 71       |
| 17) 2-Methylphenol            | 7.004  | 107  | 206480   | 38.485 | ng    | 95       |
| 18) Hexachloroethane          | 7.239  | 117  | 93875    | 40.415 | ng    | 90       |
| 19) n-Nitroso-di-n-propyla... | 7.157  | 70   | 171736   | 38.285 | ng    | 95       |
| 20) 3+4-Methylphenols         | 7.163  | 107  | 261913   | 40.597 | ng    | # 77     |
| 22) Acetophenone              | 7.151  | 105  | 333136   | 42.032 | ng    | # 90     |
| 24) Nitrobenzene              | 7.328  | 77   | 266761   | 42.297 | ng    | 99       |
| 25) Isophorone                | 7.563  | 82   | 481038   | 41.054 | ng    | 99       |
| 26) 2-Nitrophenol             | 7.645  | 139  | 130190   | 43.010 | ng    | 95       |
| 27) 2,4-Dimethylphenol        | 7.686  | 122  | 212196   | 41.705 | ng    | 98       |
| 28) bis(2-Chloroethoxy)met... | 7.775  | 93   | 294776   | 42.032 | ng    | 100      |
| 29) 2,4-Dichlorophenol        | 7.892  | 162  | 202842   | 43.024 | ng    | 98       |
| 30) 1,2,4-Trichlorobenzene    | 7.963  | 180  | 205300   | 41.661 | ng    | 98       |
| 31) Naphthalene               | 8.039  | 128  | 702878   | 41.729 | ng    | 99       |
| 32) Benzoic acid              | 7.828  | 122  | 134477   | 35.100 | ng    | 99       |
| 33) 4-Chloroaniline           | 8.098  | 127  | 308052   | 41.684 | ng    | 98       |
| 34) Hexachlorobutadiene       | 8.151  | 225  | 124412   | 41.870 | ng    | 100      |
| 35) Caprolactam               | 8.475  | 113  | 68133    | 43.059 | ng    | 98       |
| 36) 4-Chloro-3-methylphenol   | 8.592  | 107  | 216932   | 41.400 | ng    | 99       |
| 37) 2-Methylnaphthalene       | 8.733  | 142  | 467909   | 41.326 | ng    | 98       |
| 38) 1-Methylnaphthalene       | 8.833  | 142  | 434083   | 40.950 | ng    | 97       |
| 40) 1,2,4,5-Tetrachloroben... | 8.898  | 216  | 215980   | 41.892 | ng    | 100      |
| 41) Hexachlorocyclopentadiene | 8.881  | 237  | 75337    | 37.486 | ng    | 98       |
| 43) 2,4,6-Trichlorophenol     | 9.022  | 196  | 132440   | 39.234 | ng    | 100      |

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 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF091123.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Oct 11 02:43:17 2023  
 Response via : Initial Calibration

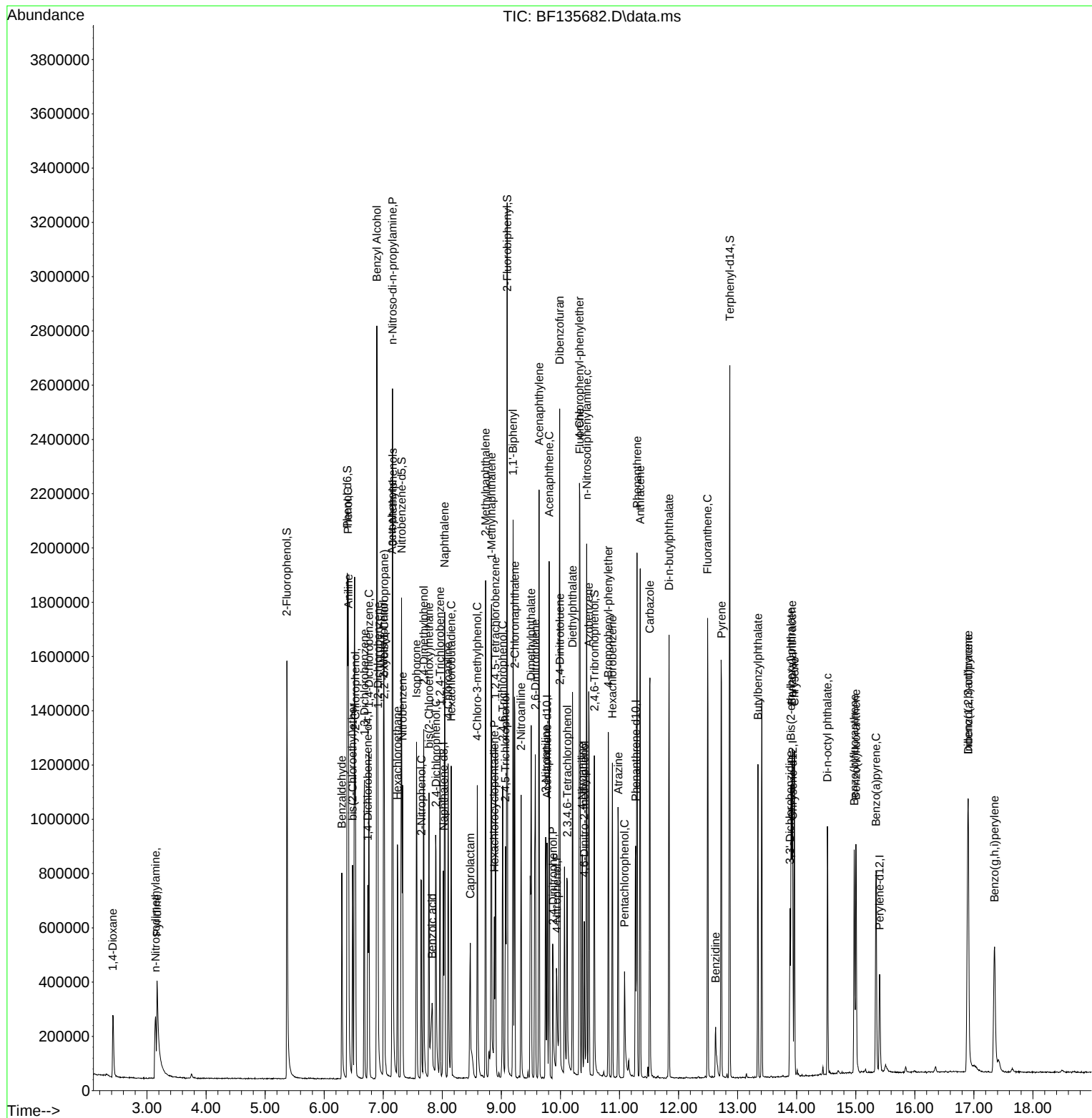
| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.069  | 196  | 154446   | 39.730 | ng    | 99       |
| 46) 1,1'-Biphenyl             | 9.198  | 154  | 575460   | 42.078 | ng    | 98       |
| 47) 2-Chloronaphthalene       | 9.228  | 162  | 407407   | 41.058 | ng    | 100      |
| 48) 2-Nitroaniline            | 9.333  | 65   | 159383   | 41.345 | ng    | 99       |
| 49) Acenaphthylene            | 9.639  | 152  | 670838   | 40.679 | ng    | 99       |
| 50) Dimethylphthalate         | 9.504  | 163  | 497833   | 41.376 | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 9.575  | 165  | 108239   | 41.065 | ng    | 99       |
| 52) Acenaphthene              | 9.810  | 154  | 402463   | 41.313 | ng    | 98       |
| 53) 3-Nitroaniline            | 9.751  | 138  | 126578   | 40.911 | ng    | 93       |
| 54) 2,4-Dinitrophenol         | 9.875  | 184  | 79841    | 55.439 | ng    | 93       |
| 55) Dibenzofuran              | 9.986  | 168  | 612364   | 41.192 | ng    | 99       |
| 56) 4-Nitrophenol             | 9.939  | 139  | 72476    | 36.858 | ng    | 89       |
| 57) 2,4-Dinitrotoluene        | 9.992  | 165  | 136447   | 41.350 | ng    | 90       |
| 58) Fluorene                  | 10.327 | 166  | 491926   | 43.044 | ng    | 98       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.116 | 232  | 114028   | 38.132 | ng    | 99       |
| 60) Diethylphthalate          | 10.204 | 149  | 508644   | 42.123 | ng    | 98       |
| 61) 4-Chlorophenyl-phenyle... | 10.322 | 204  | 235894   | 42.969 | ng    | 95       |
| 62) 4-Nitroaniline            | 10.369 | 138  | 116825   | 39.281 | ng    | 98       |
| 63) Azobenzene                | 10.480 | 77   | 496713   | 42.031 | ng    | 95       |
| 65) 4,6-Dinitro-2-methylph... | 10.404 | 198  | 73519    | 41.325 | ng    | 88       |
| 66) n-Nitrosodiphenylamine    | 10.445 | 169  | 432328   | 42.633 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 10.810 | 248  | 144031   | 43.235 | ng    | # 92     |
| 68) Hexachlorobenzene         | 10.880 | 284  | 143328   | 42.231 | ng    | # 92     |
| 69) Atrazine                  | 10.980 | 200  | 111528   | 40.875 | ng    | 99       |
| 70) Pentachlorophenol         | 11.086 | 266  | 68559    | 33.764 | ng    | 97       |
| 71) Phenanthrene              | 11.298 | 178  | 679116   | 42.869 | ng    | 100      |
| 72) Anthracene                | 11.351 | 178  | 695924   | 42.737 | ng    | 99       |
| 73) Carbazole                 | 11.516 | 167  | 641273   | 43.261 | ng    | 99       |
| 74) Di-n-butylphthalate       | 11.839 | 149  | 757278   | 43.354 | ng    | 99       |
| 75) Fluoranthene              | 12.492 | 202  | 687545   | 41.652 | ng    | 99       |
| 77) Benzidine                 | 12.627 | 184  | 106611   | 32.104 | ng    | 100      |
| 78) Pyrene                    | 12.727 | 202  | 679552   | 44.033 | ng    | 99       |
| 80) Butylbenzylphthalate      | 13.345 | 149  | 241896   | 44.518 | ng    | 98       |
| 81) Benzo(a)anthracene        | 13.921 | 228  | 454128   | 43.387 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 13.886 | 252  | 131307   | 40.162 | ng    | 99       |
| 83) Chrysene                  | 13.963 | 228  | 429810   | 41.302 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 13.904 | 149  | 274622   | 49.252 | ng    | 99       |
| 85) Di-n-octyl phthalate      | 14.521 | 149  | 403870   | 45.578 | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 16.904 | 276  | 513099   | 44.524 | ng    | 99       |
| 88) Benzo(b)fluoranthene      | 14.974 | 252  | 382293   | 40.179 | ng    | 98       |
| 89) Benzo(k)fluoranthene      | 15.004 | 252  | 354872   | 37.757 | ng    | 98       |
| 90) Benzo(a)pyrene            | 15.345 | 252  | 378288   | 41.691 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 16.904 | 278  | 421663   | 44.718 | ng    | 98       |
| 92) Benzo(g,h,i)perylene      | 17.351 | 276  | 446715   | 45.363 | ng    | 98       |

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

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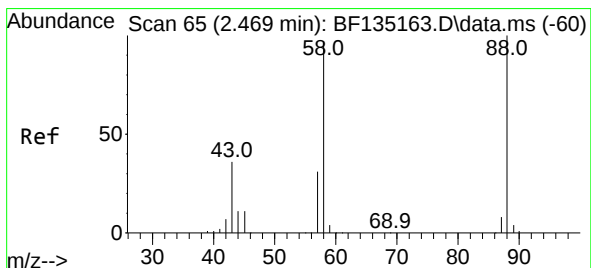
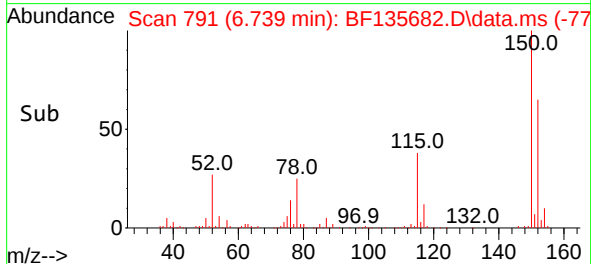
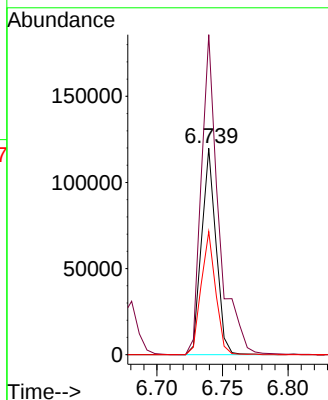
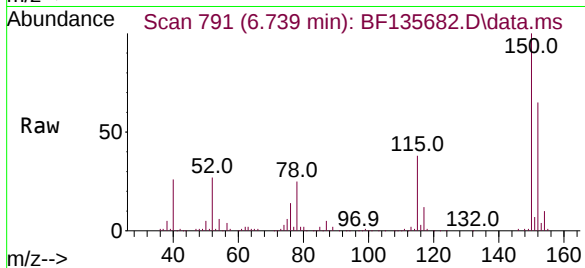




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.739 min Scan# 79  
Delta R.T. 0.000 min  
Lab File: BF135682.D  
Acq: 10 Oct 2023 13:50

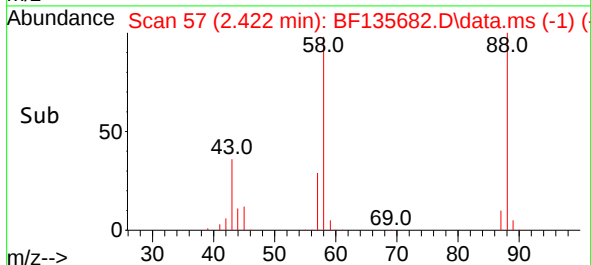
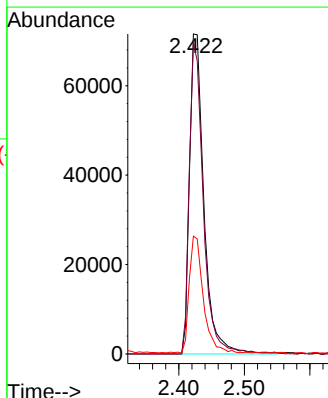
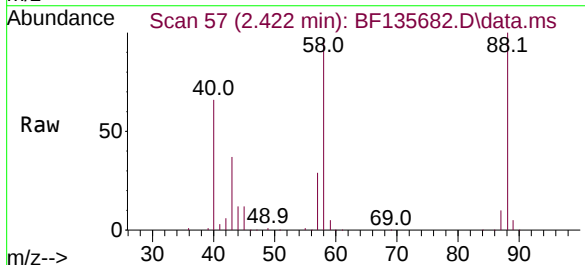
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion:152 Resp: 92633  
Ion Ratio Lower Upper  
152 100  
150 155.0 127.8 191.6  
115 59.6 49.8 74.8



#2  
1,4-Dioxane  
Concen: 43.593 ng  
RT: 2.422 min Scan# 57  
Delta R.T. -0.006 min  
Lab File: BF135682.D  
Acq: 10 Oct 2023 13:50

Tgt Ion: 88 Resp: 108842  
Ion Ratio Lower Upper  
88 100  
58 94.6 78.3 117.5  
43 35.6 29.4 44.0

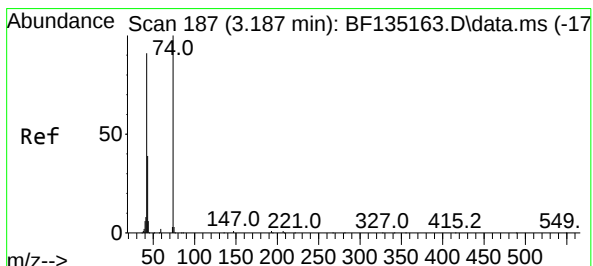
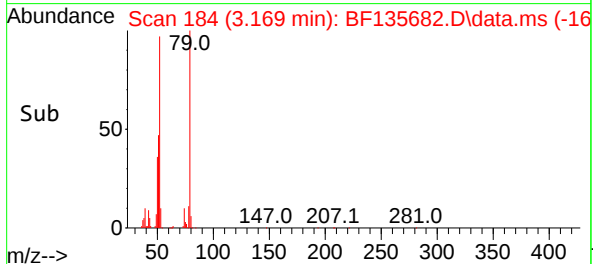
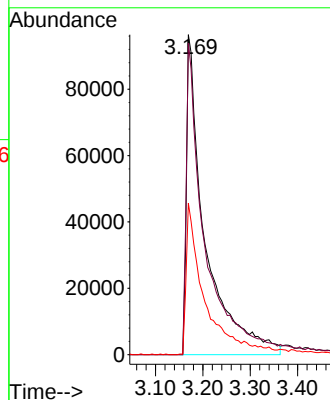
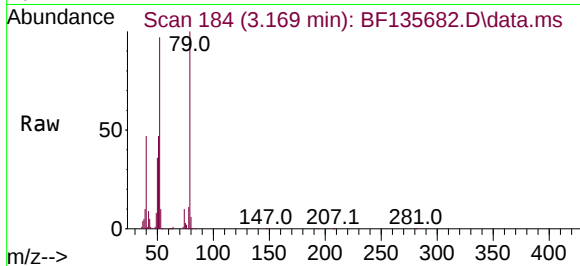




#3  
Pyridine  
Concen: 39.202 ng  
RT: 3.169 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF135682.D  
Acq: 10 Oct 2023 13:50

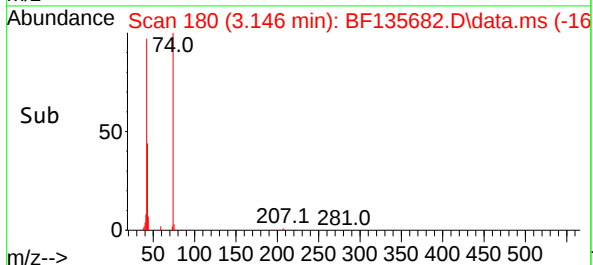
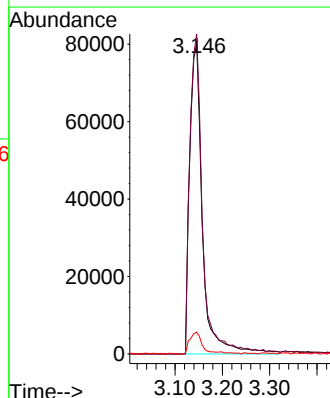
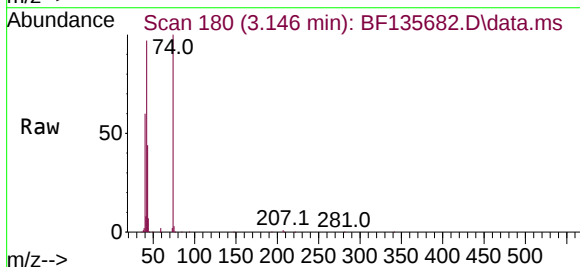
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

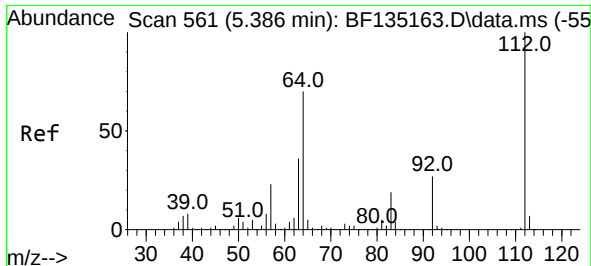
Tgt Ion: 79 Resp: 263424  
Ion Ratio Lower Upper  
79 100  
52 97.3 74.1 111.1  
51 47.3 35.8 53.8



#4  
n-Nitrosodimethylamine  
Concen: 42.068 ng  
RT: 3.146 min Scan# 180  
Delta R.T. -0.006 min  
Lab File: BF135682.D  
Acq: 10 Oct 2023 13:50

Tgt Ion: 42 Resp: 150009  
Ion Ratio Lower Upper  
42 100  
74 103.2 87.7 131.5  
44 7.0 5.6 8.4

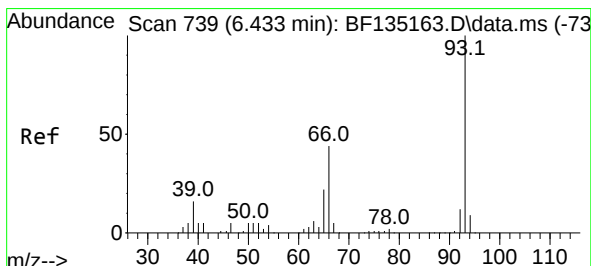
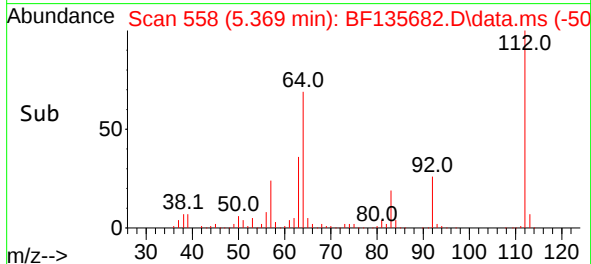
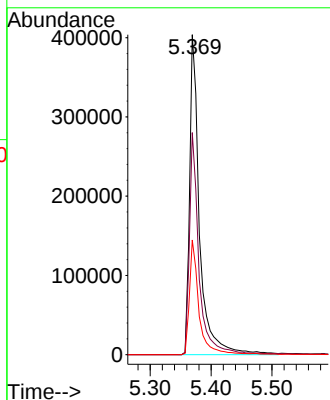
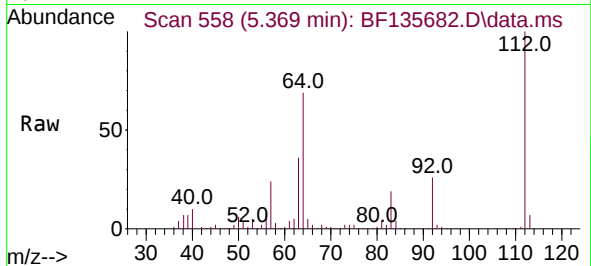




#5  
2-Fluorophenol  
Concen: 81.073 ng  
RT: 5.369 min Scan# 51  
Delta R.T. -0.000 min  
Lab File: BF135682.D  
Acq: 10 Oct 2023 13:50

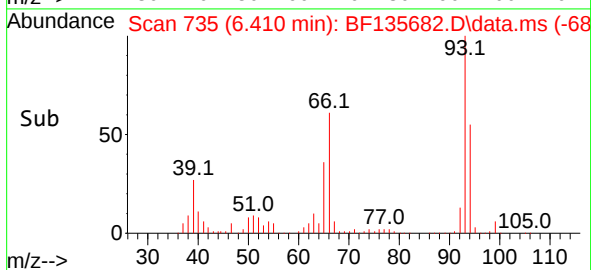
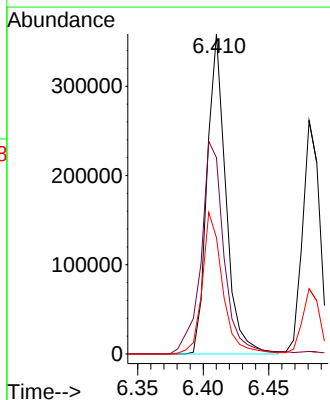
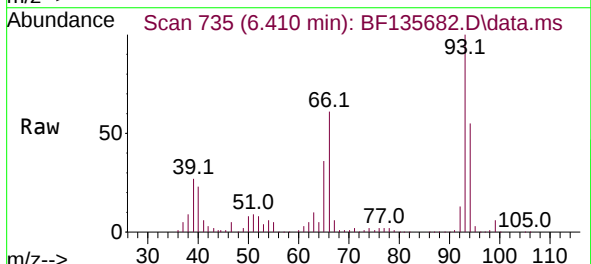
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Tgt Ion:112 Resp: 461744  
Ion Ratio Lower Upper  
112 100  
64 69.4 55.9 83.9  
63 35.9 29.0 43.6



#6  
Aniline  
Concen: 37.512 ng  
RT: 6.410 min Scan# 735  
Delta R.T. 0.000 min  
Lab File: BF135682.D  
Acq: 10 Oct 2023 13:50

Tgt Ion: 93 Resp: 356243  
Ion Ratio Lower Upper  
93 100  
66 61.3 35.4 53.0#  
65 36.3 17.8 26.8#

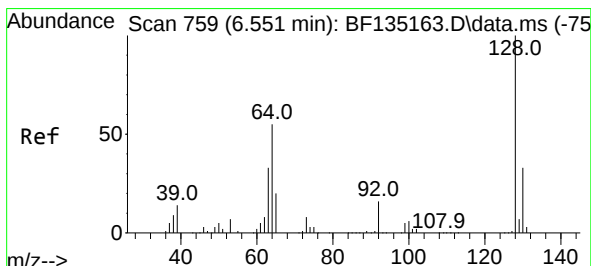
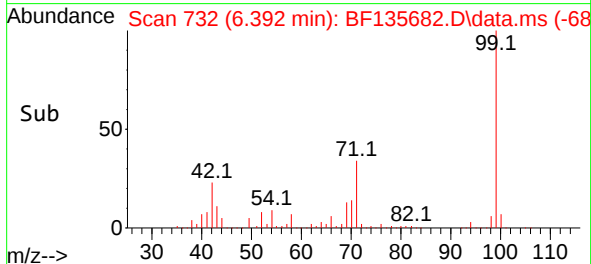
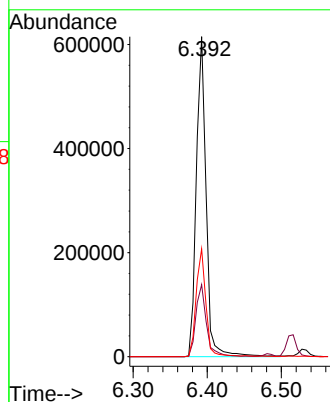
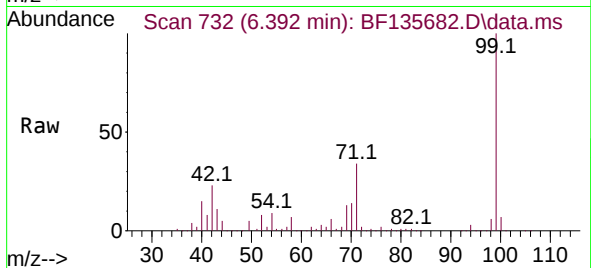




#7  
Phenol-d6  
Concen: 77.961 ng  
RT: 6.392 min Scan# 71  
Delta R.T. 0.000 min  
Lab File: BF135682.D  
Acq: 10 Oct 2023 13:50

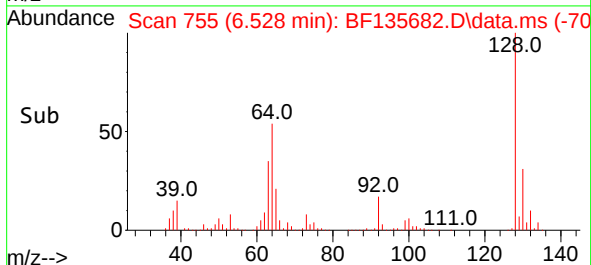
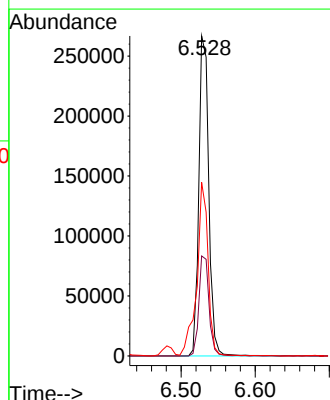
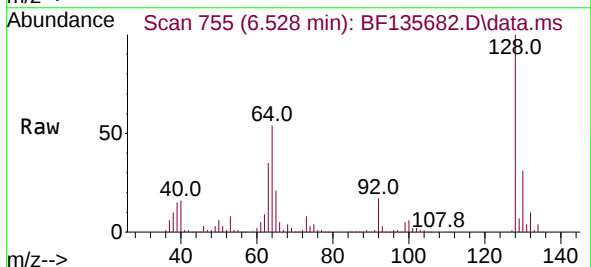
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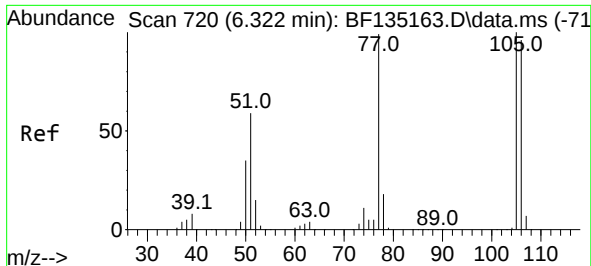
Tgt Ion: 99 Resp: 564599  
Ion Ratio Lower Upper  
99 100  
42 22.5 17.9 26.9  
71 33.7 27.0 40.6



#8  
2-Chlorophenol  
Concen: 40.768 ng  
RT: 6.528 min Scan# 755  
Delta R.T. -0.006 min  
Lab File: BF135682.D  
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Tgt Ion: 128 Resp: 247863  
Ion Ratio Lower Upper  
128 100  
130 31.3 12.7 52.7  
64 54.2 35.9 75.9





#9

Benzaldehyde

Concen: 36.263 ng

RT: 6.298 min Scan# 716

Delta R.T. -0.000 min

Lab File: BF135682.D

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Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

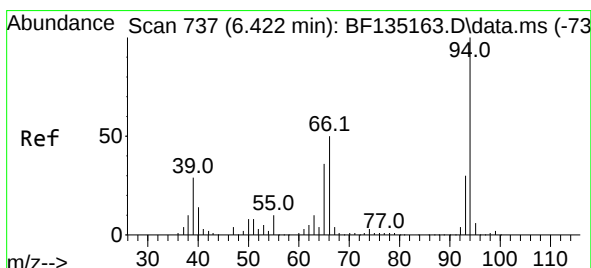
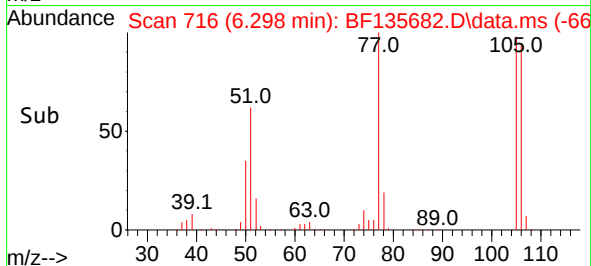
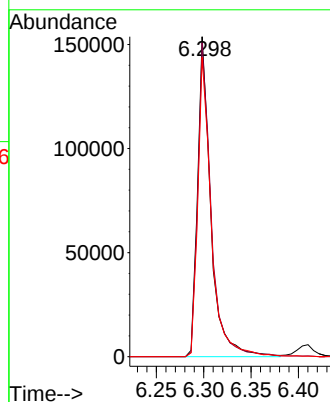
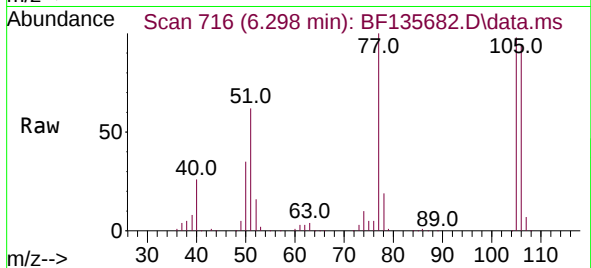
Tgt Ion: 77 Resp: 149607

Ion Ratio Lower Upper

77 100

105 98.1 81.4 121.4

106 93.5 76.9 116.9



#10

Phenol

Concen: 38.308 ng

RT: 6.404 min Scan# 734

Delta R.T. 0.000 min

Lab File: BF135682.D

Acq: 10 Oct 2023 13:50

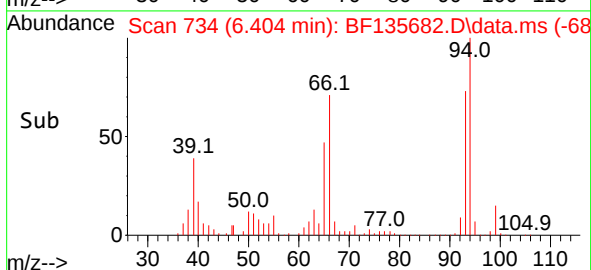
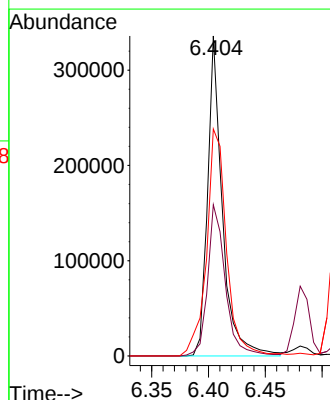
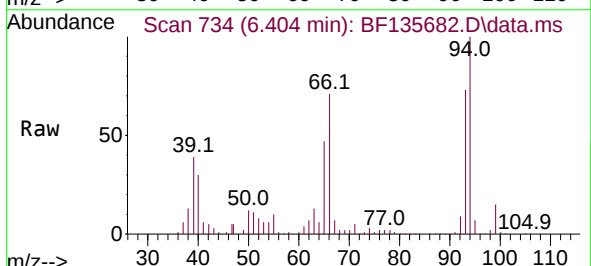
Tgt Ion: 94 Resp: 304215

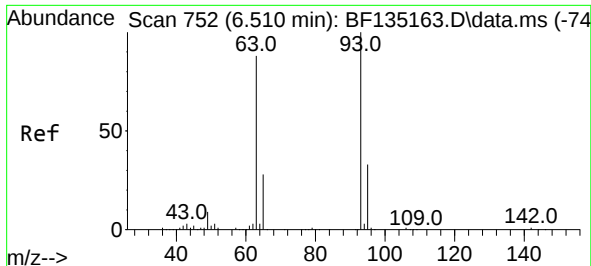
Ion Ratio Lower Upper

94 100

65 47.3 15.9 55.9

66 70.9 29.8 69.8#

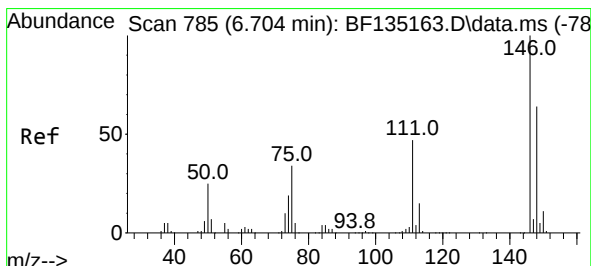
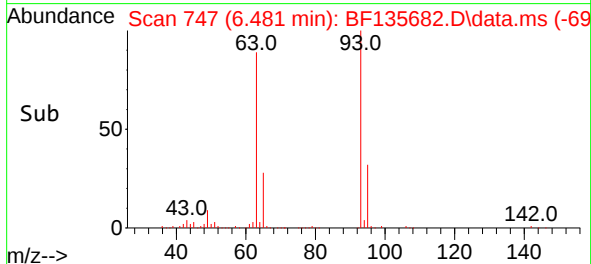
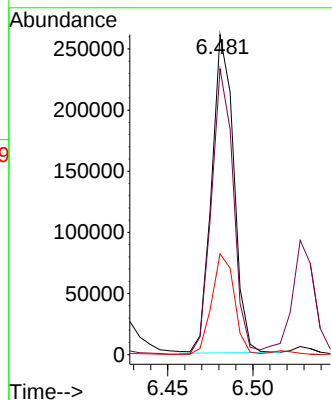
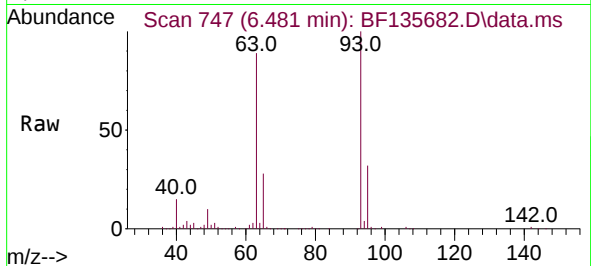




#11  
bis(2-Chloroethyl)ether  
Concen: 39.361 ng  
RT: 6.481 min Scan# 747  
Delta R.T. 0.000 min  
Lab File: BF135682.D  
Acq: 10 Oct 2023 13:50

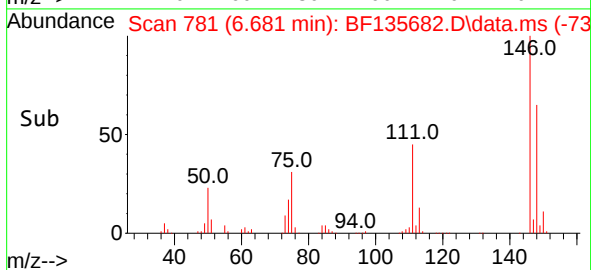
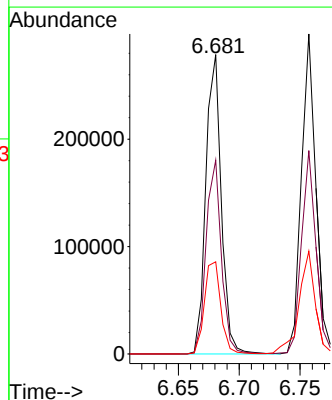
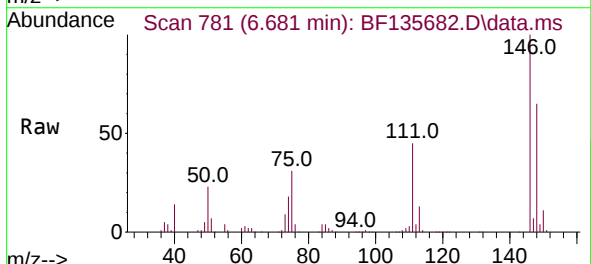
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

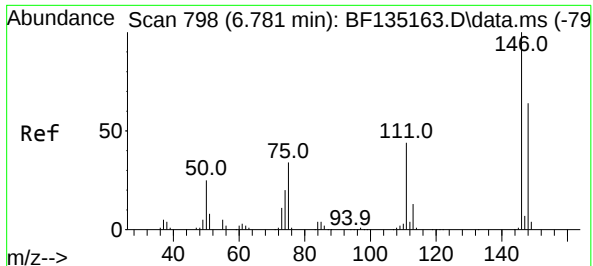
Tgt Ion: 93 Resp: 234463  
Ion Ratio Lower Upper  
93 100  
63 89.3 67.3 107.3  
95 31.5 12.7 52.7



#12  
1,3-Dichlorobenzene  
Concen: 39.676 ng  
RT: 6.681 min Scan# 781  
Delta R.T. 0.000 min  
Lab File: BF135682.D  
Acq: 10 Oct 2023 13:50

Tgt Ion:146 Resp: 245154  
Ion Ratio Lower Upper  
146 100  
148 64.8 51.3 76.9  
75 30.8 27.4 41.2





#13

1,4-Dichlorobenzene

Concen: 39.679 ng

RT: 6.757 min Scan# 79

Delta R.T. 0.000 min

Lab File: BF135682.D

Acq: 10 Oct 2023 13:50

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

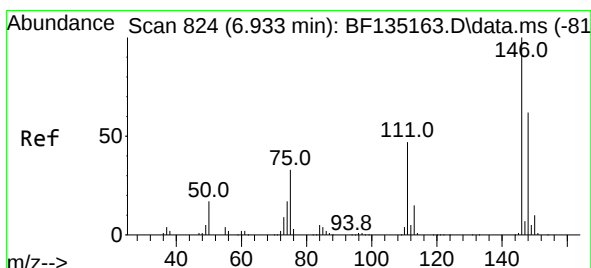
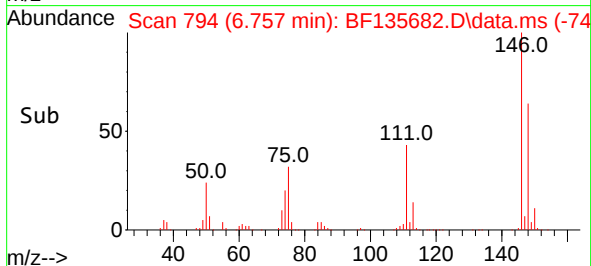
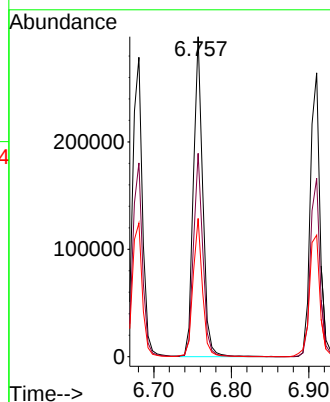
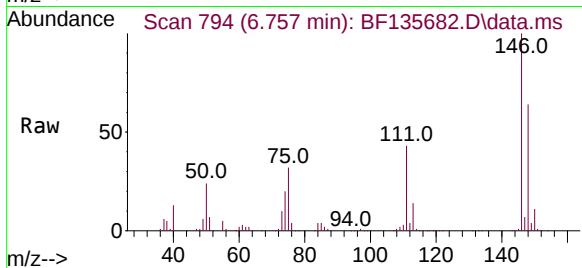
Tgt Ion:146 Resp: 249443

Ion Ratio Lower Upper

146 100

148 63.6 51.3 76.9

111 43.2 35.1 52.7



#14

1,2-Dichlorobenzene

Concen: 39.186 ng

RT: 6.910 min Scan# 820

Delta R.T. 0.000 min

Lab File: BF135682.D

Acq: 10 Oct 2023 13:50

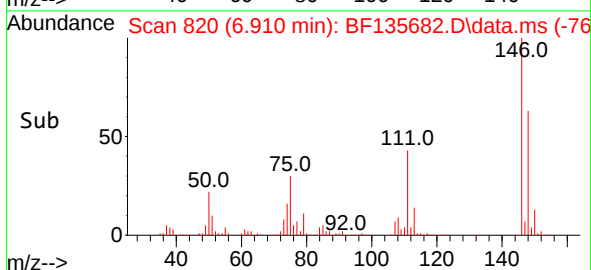
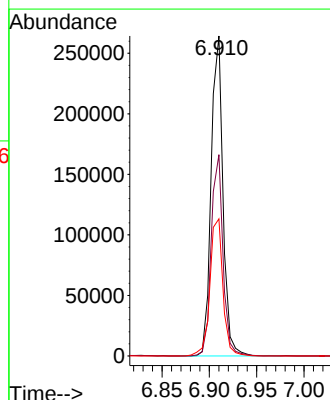
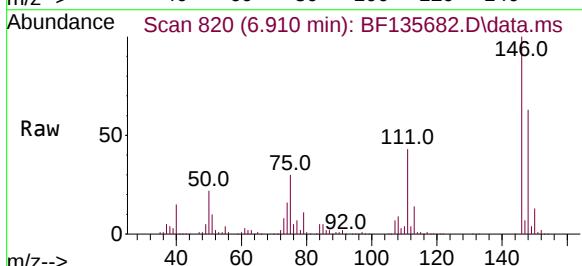
Tgt Ion:146 Resp: 228766

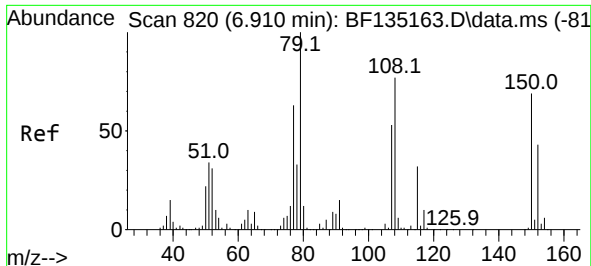
Ion Ratio Lower Upper

146 100

148 62.9 49.7 74.5

111 42.8 37.4 56.2

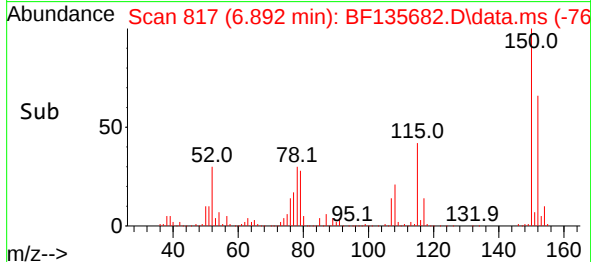
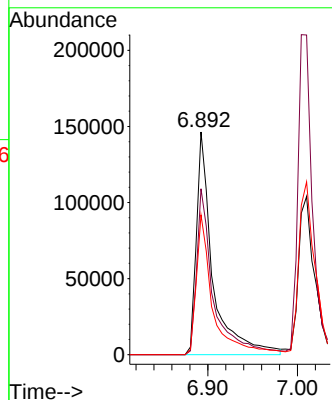
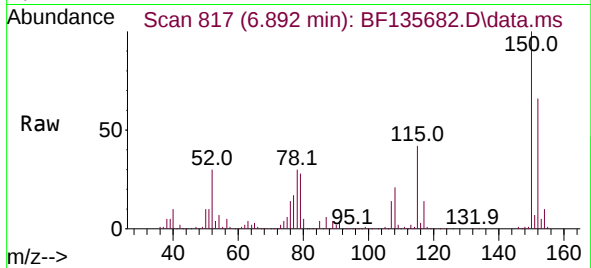




#15  
Benzyl Alcohol  
Concen: 35.748 ng  
RT: 6.892 min Scan# 81  
Delta R.T. 0.000 min  
Lab File: BF135682.D  
Acq: 10 Oct 2023 13:50

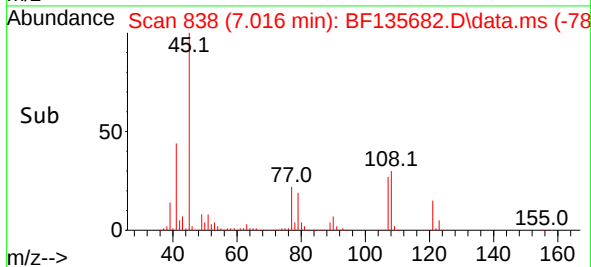
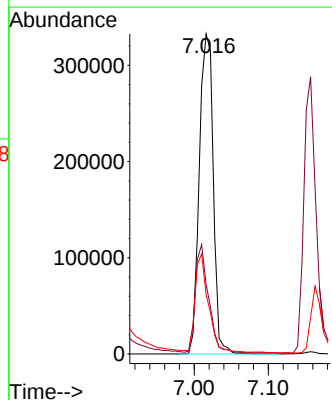
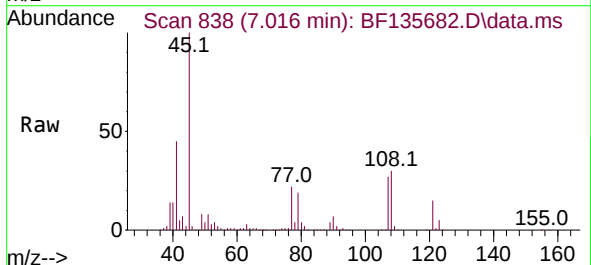
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

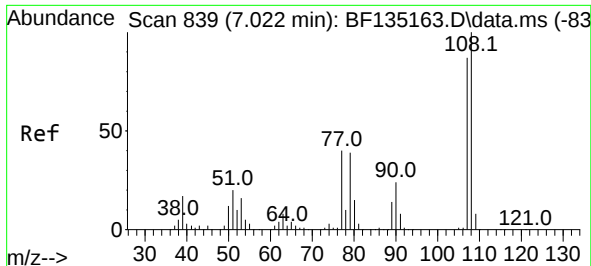
Tgt Ion: 79 Resp: 185776  
Ion Ratio Lower Upper  
79 100  
108 74.5 61.2 91.8  
77 62.8 50.5 75.7



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 38.577 ng  
RT: 7.016 min Scan# 838  
Delta R.T. -0.000 min  
Lab File: BF135682.D  
Acq: 10 Oct 2023 13:50

Tgt Ion: 45 Resp: 433145  
Ion Ratio Lower Upper  
45 100  
77 21.7 0.0 30.6  
79 18.5 0.0 28.3

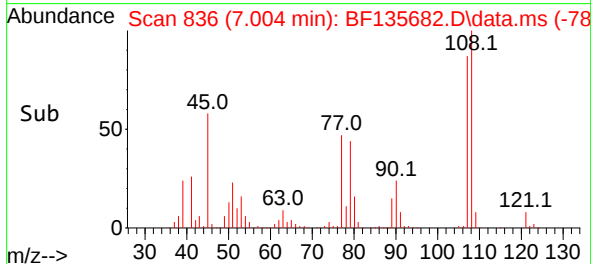
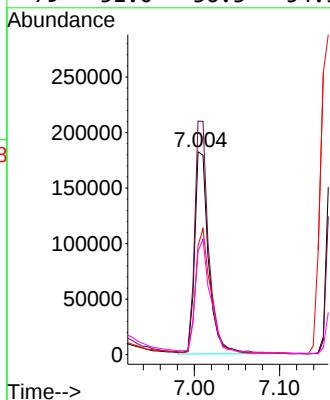
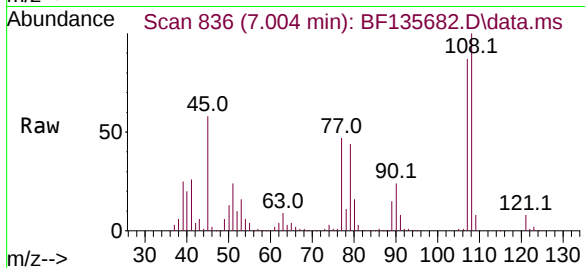




#17  
2-Methylphenol  
Concen: 38.485 ng  
RT: 7.004 min Scan# 81  
Delta R.T. -0.006 min  
Lab File: BF135682.D  
Acq: 10 Oct 2023 13:50

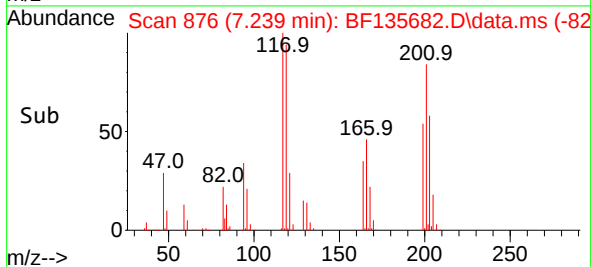
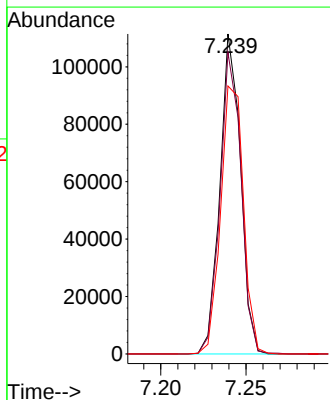
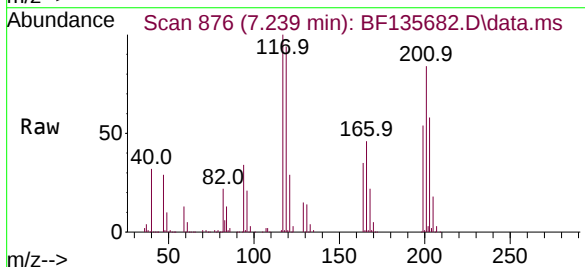
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion:107 Resp: 206480  
Ion Ratio Lower Upper  
107 100  
108 115.1 92.0 138.0  
77 53.8 36.7 55.1  
79 51.0 36.3 54.5



#18  
Hexachloroethane  
Concen: 40.415 ng  
RT: 7.239 min Scan# 876  
Delta R.T. -0.006 min  
Lab File: BF135682.D  
Acq: 10 Oct 2023 13:50

Tgt Ion:117 Resp: 93875  
Ion Ratio Lower Upper  
117 100  
119 94.2 74.7 112.1  
201 83.8 81.8 122.8



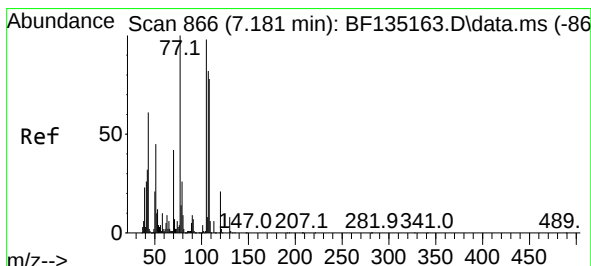
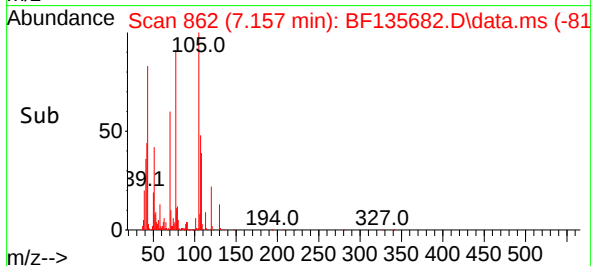
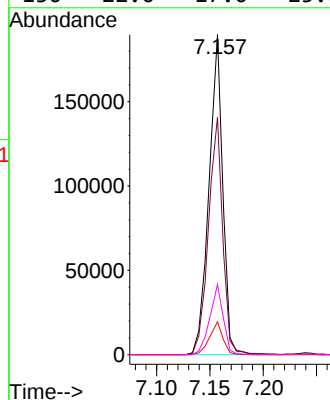
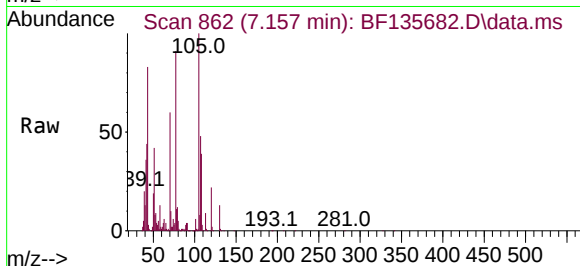


#19  
n-Nitroso-di-n-propylamine  
Concen: 38.285 ng  
RT: 7.157 min Scan# 80  
Delta R.T. -0.000 min  
Lab File: BF135682.D  
Acq: 10 Oct 2023 13:50

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion: 70 Resp: 171736

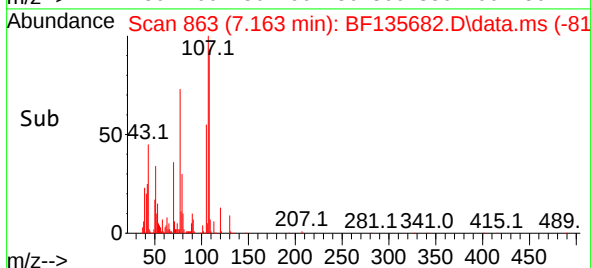
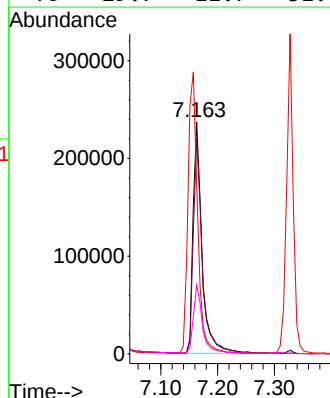
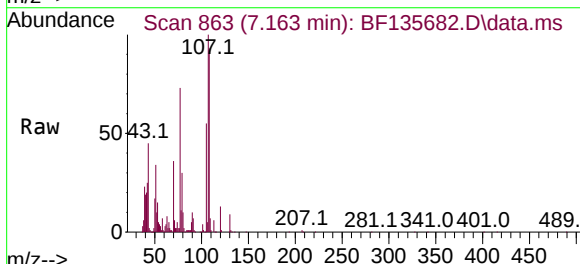
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 70  | 100   |       |       |
| 42  | 74.3  | 55.4  | 83.0  |
| 101 | 10.2  | 7.7   | 11.5  |
| 130 | 22.0  | 17.0  | 25.6  |

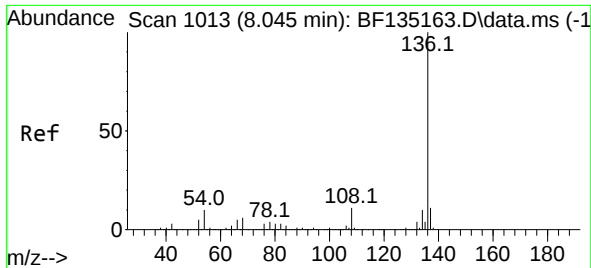


#20  
3+4-Methylphenols  
Concen: 40.597 ng  
RT: 7.163 min Scan# 863  
Delta R.T. -0.000 min  
Lab File: BF135682.D  
Acq: 10 Oct 2023 13:50

Tgt Ion: 107 Resp: 261913

| Ion | Ratio | Lower | Upper  |
|-----|-------|-------|--------|
| 107 | 100   |       |        |
| 108 | 92.9  | 74.7  | 114.7  |
| 77  | 72.8  | 102.0 | 142.0# |
| 79  | 29.7  | 11.7  | 51.7   |



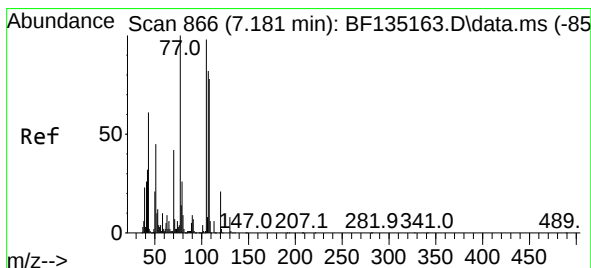
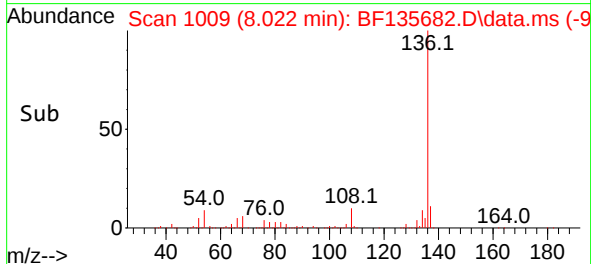
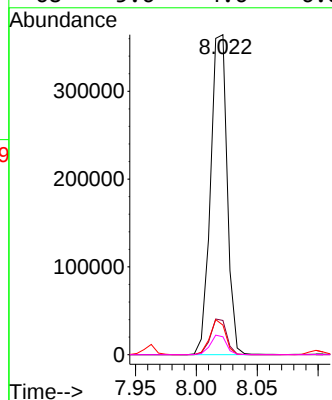
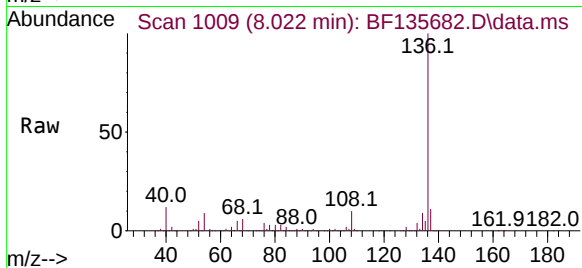


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.022 min Scan# 10  
Delta R.T. -0.000 min  
Lab File: BF135682.D  
Acq: 10 Oct 2023 13:50

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion:136 Resp: 346674

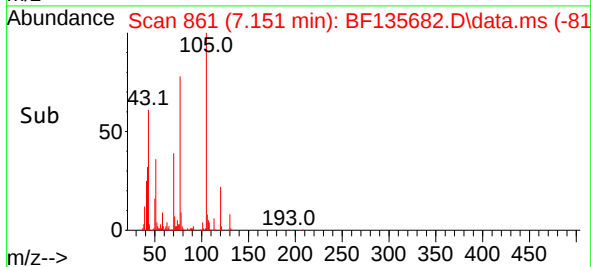
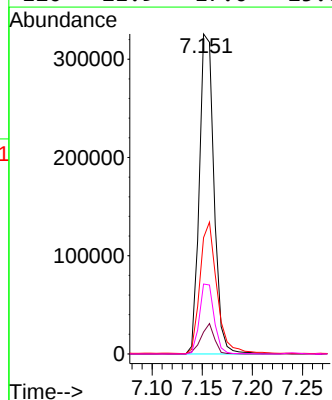
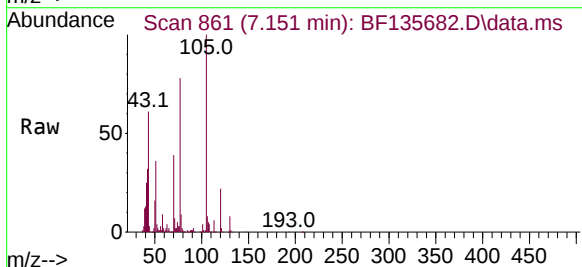
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 10.7  | 8.8   | 13.2  |
| 54  | 9.2   | 7.7   | 11.5  |
| 68  | 5.6   | 4.6   | 6.8   |



#22  
Acetophenone  
Concen: 42.032 ng  
RT: 7.151 min Scan# 861  
Delta R.T. -0.006 min  
Lab File: BF135682.D  
Acq: 10 Oct 2023 13:50

Tgt Ion:105 Resp: 333136

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 105 | 100   |       |       |
| 71  | 6.9   | 5.8   | 8.6   |
| 51  | 36.4  | 37.0  | 55.4# |
| 120 | 21.9  | 17.0  | 25.6  |





#23

Nitrobenzene-d5

Concen: 83.680 ng

RT: 7.310 min Scan# 891

Delta R.T. -0.000 min

Lab File: BF135682.D

Acq: 10 Oct 2023 13:50

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

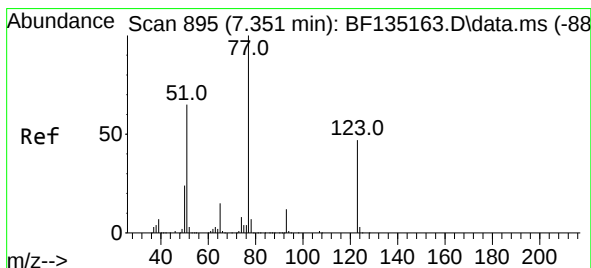
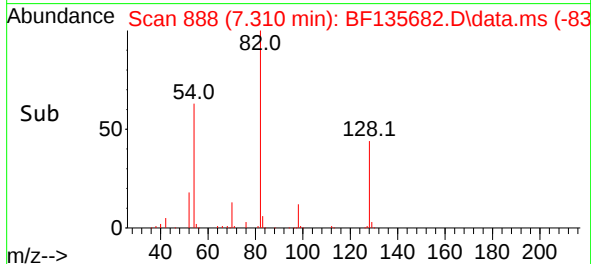
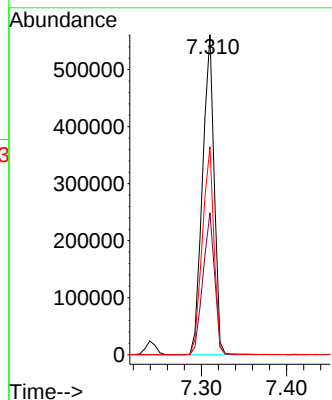
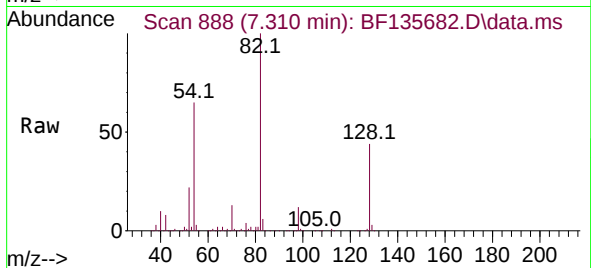
Tgt Ion: 82 Resp: 533957

Ion Ratio Lower Upper

82 100

128 44.3 35.8 53.6

54 65.0 50.6 76.0



#24

Nitrobenzene

Concen: 42.297 ng

RT: 7.328 min Scan# 891

Delta R.T. 0.000 min

Lab File: BF135682.D

Acq: 10 Oct 2023 13:50

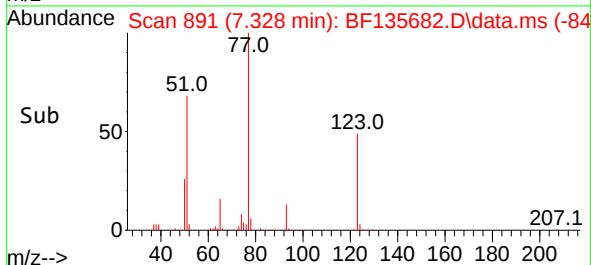
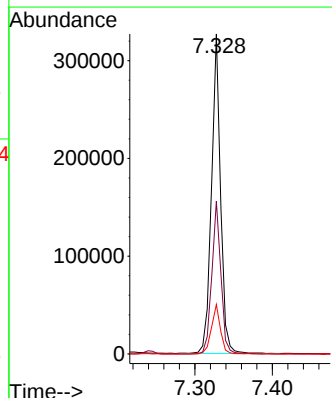
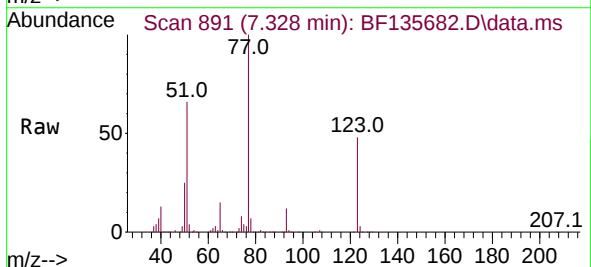
Tgt Ion: 77 Resp: 266761

Ion Ratio Lower Upper

77 100

123 47.8 37.6 56.4

65 15.5 12.2 18.4

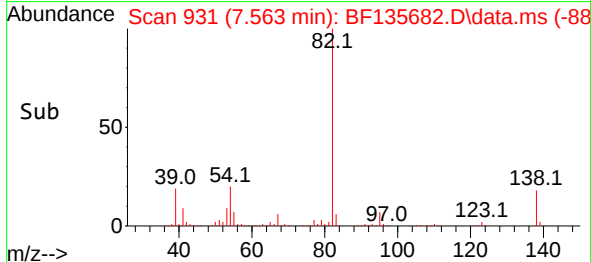
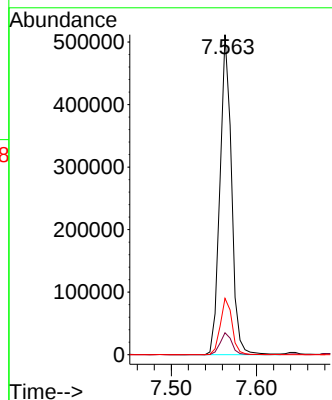
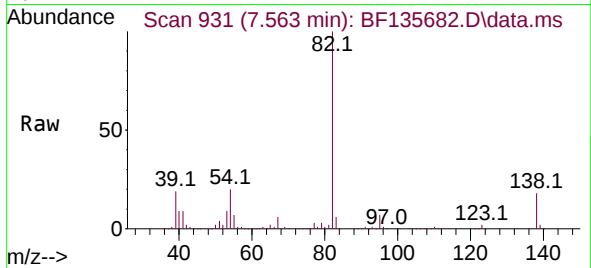




#25  
Isophorone  
Concen: 41.054 ng  
RT: 7.563 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: BF135682.D  
Acq: 10 Oct 2023 13:50

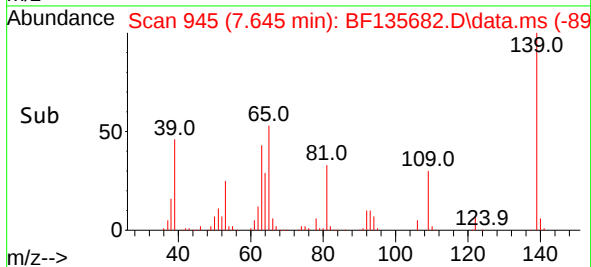
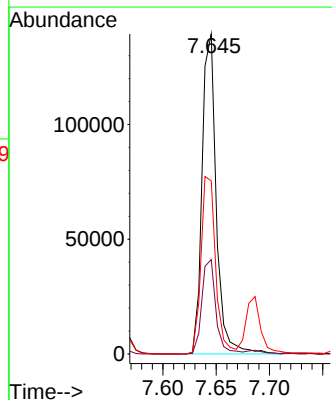
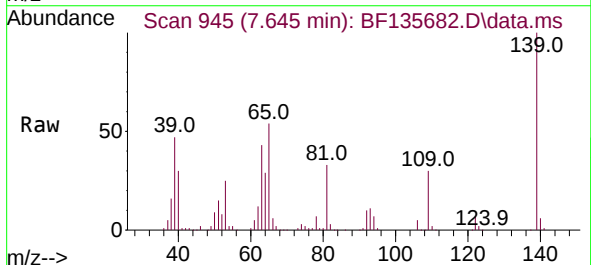
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion: 82 Resp: 481038  
Ion Ratio Lower Upper  
82 100  
95 6.9 6.0 9.0  
138 17.6 14.5 21.7



#26  
2-Nitrophenol  
Concen: 43.010 ng  
RT: 7.645 min Scan# 945  
Delta R.T. 0.000 min  
Lab File: BF135682.D  
Acq: 10 Oct 2023 13:50

Tgt Ion: 139 Resp: 130190  
Ion Ratio Lower Upper  
139 100  
109 29.5 22.6 33.8  
65 54.1 47.0 70.4





#27

2,4-Dimethylphenol

Concen: 41.705 ng

RT: 7.686 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF135682.D

Acq: 10 Oct 2023 13:50

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

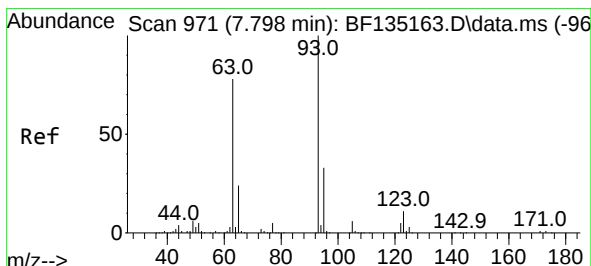
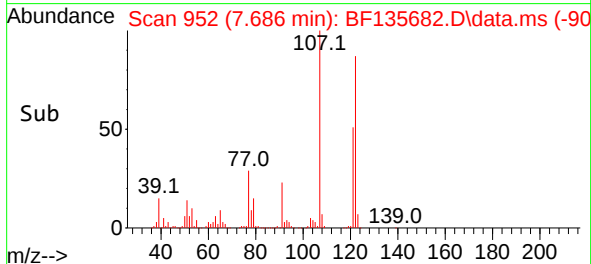
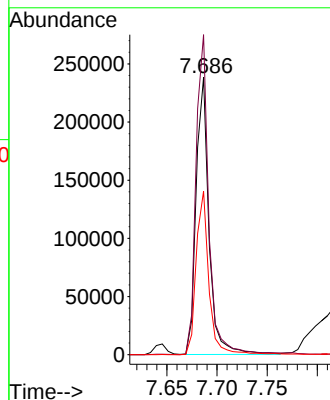
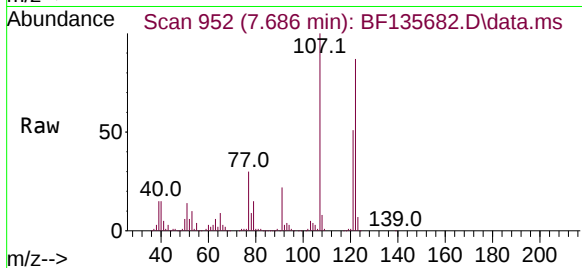
Tgt Ion:122 Resp: 212196

Ion Ratio Lower Upper

122 100

107 115.4 90.2 135.4

121 59.0 46.3 69.5



#28

bis(2-Chloroethoxy)methane

Concen: 42.032 ng

RT: 7.775 min Scan# 967

Delta R.T. 0.000 min

Lab File: BF135682.D

Acq: 10 Oct 2023 13:50

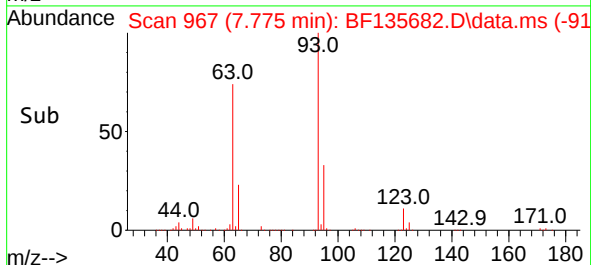
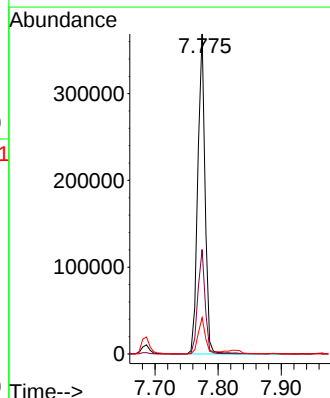
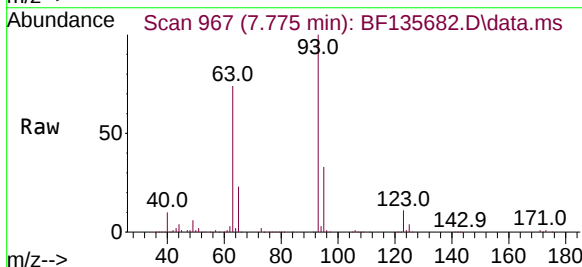
Tgt Ion: 93 Resp: 294776

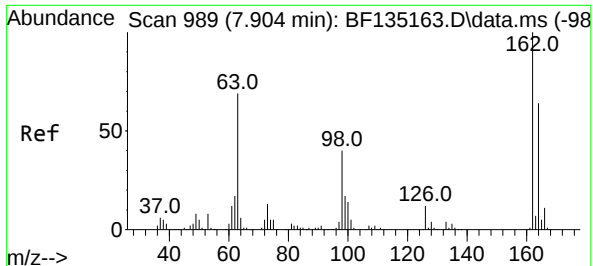
Ion Ratio Lower Upper

93 100

95 32.7 26.2 39.2

123 11.4 8.8 13.2

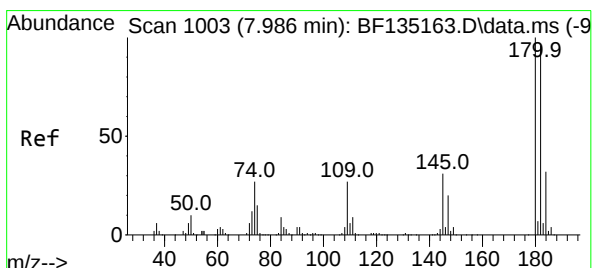
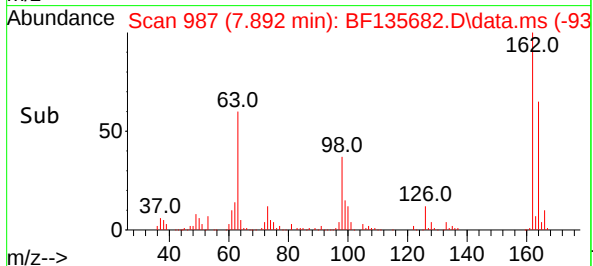
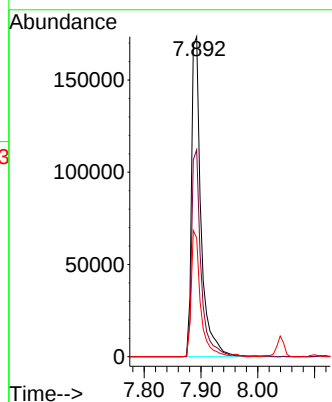
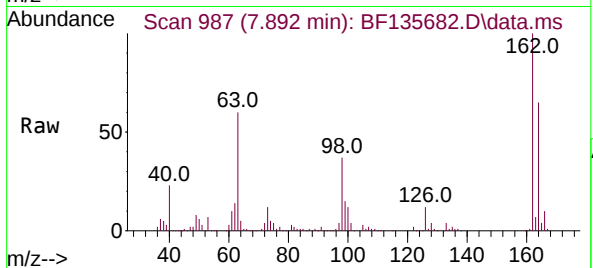




#29  
2,4-Dichlorophenol  
Concen: 43.024 ng  
RT: 7.892 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: BF135682.D  
Acq: 10 Oct 2023 13:50

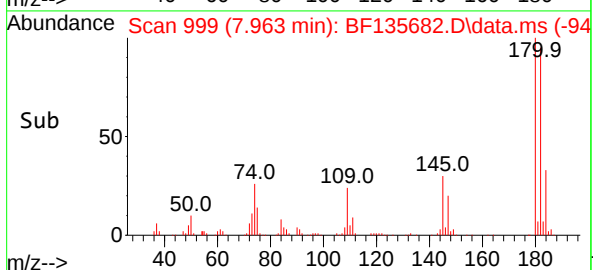
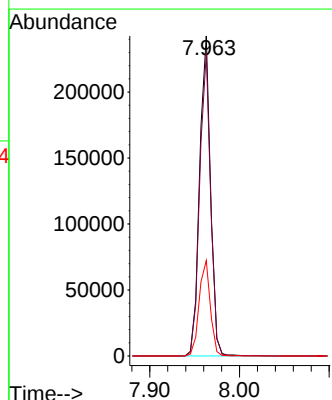
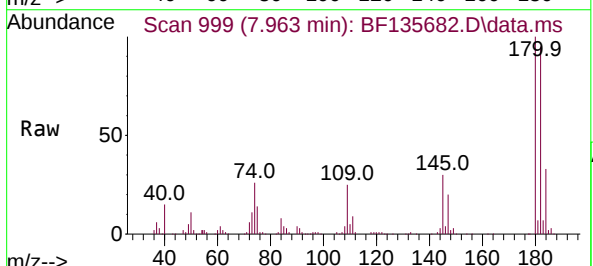
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

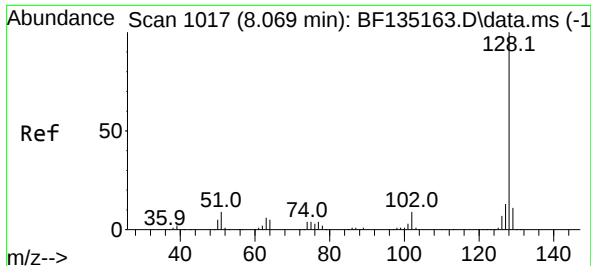
Tgt Ion:162 Resp: 202842  
Ion Ratio Lower Upper  
162 100  
164 64.7 44.1 84.1  
98 37.1 20.3 60.3



#30  
1,2,4-Trichlorobenzene  
Concen: 41.661 ng  
RT: 7.963 min Scan# 999  
Delta R.T. -0.000 min  
Lab File: BF135682.D  
Acq: 10 Oct 2023 13:50

Tgt Ion:180 Resp: 205300  
Ion Ratio Lower Upper  
180 100  
182 94.5 76.9 115.3  
145 29.8 24.5 36.7

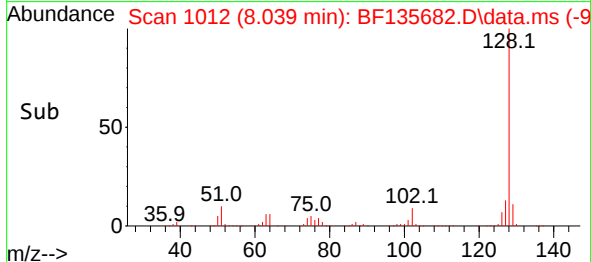
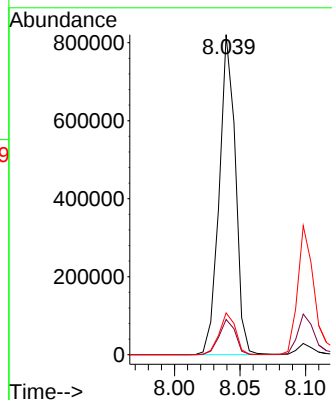
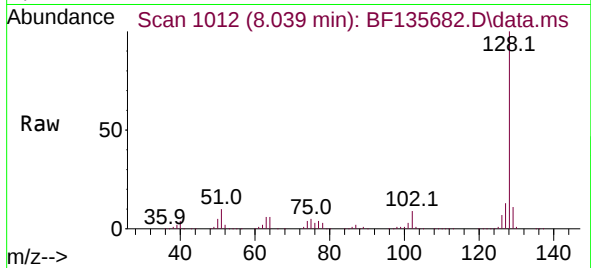




#31  
Naphthalene  
Concen: 41.729 ng  
RT: 8.039 min Scan# 1017  
Delta R.T. 0.000 min  
Lab File: BF135682.D  
Acq: 10 Oct 2023 13:50

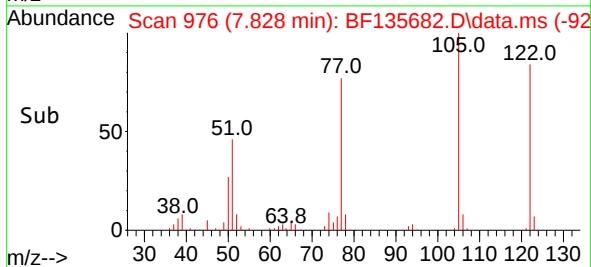
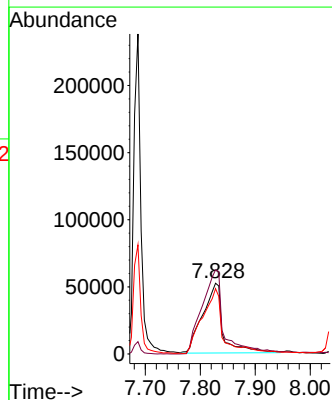
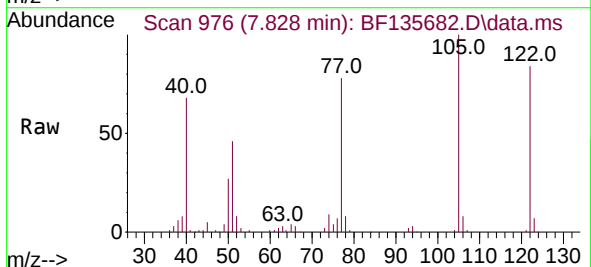
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

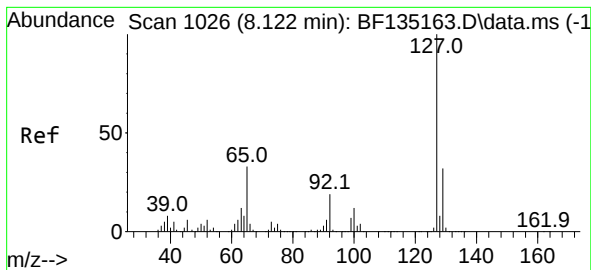
Tgt Ion:128 Resp: 702878  
Ion Ratio Lower Upper  
128 100  
129 11.0 8.7 13.1  
127 13.0 10.7 16.1



#32  
Benzoic acid  
Concen: 35.100 ng  
RT: 7.828 min Scan# 976  
Delta R.T. -0.006 min  
Lab File: BF135682.D  
Acq: 10 Oct 2023 13:50

Tgt Ion:122 Resp: 134477  
Ion Ratio Lower Upper  
122 100  
105 119.2 99.9 139.9  
77 92.5 70.0 110.0





#33

4-Chloroaniline

Concen: 41.684 ng

RT: 8.098 min Scan# 1022

Delta R.T. -0.000 min

Lab File: BF135682.D

Acq: 10 Oct 2023 13:50

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion:127 Resp: 308052

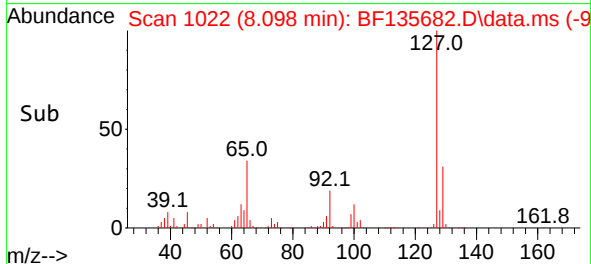
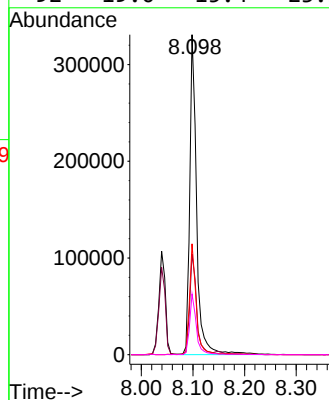
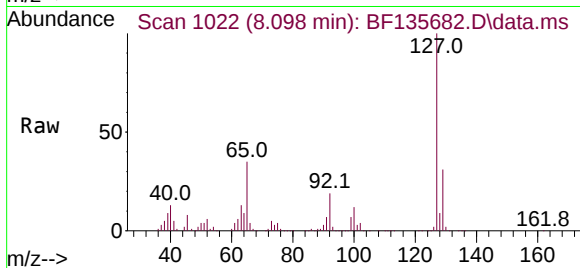
Ion Ratio Lower Upper

127 100

129 31.5 25.8 38.8

65 34.7 26.6 39.8

92 19.0 15.4 23.2



#34

Hexachlorobutadiene

Concen: 41.870 ng

RT: 8.151 min Scan# 1031

Delta R.T. 0.000 min

Lab File: BF135682.D

Acq: 10 Oct 2023 13:50

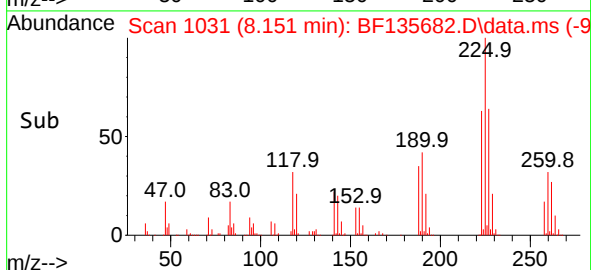
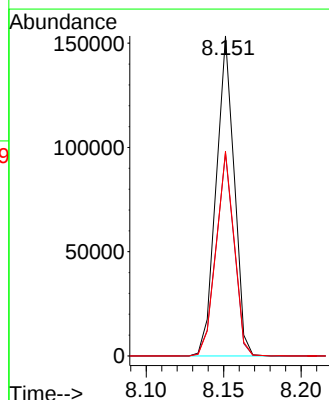
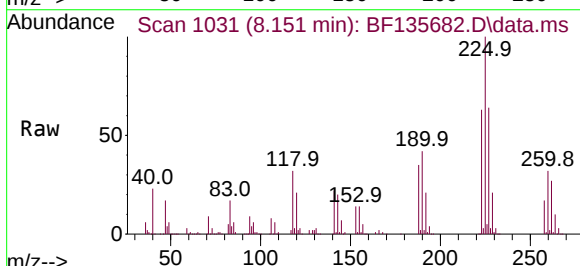
Tgt Ion:225 Resp: 124412

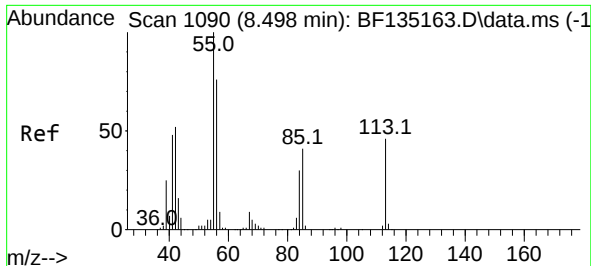
Ion Ratio Lower Upper

225 100

223 63.4 50.6 75.8

227 63.9 50.8 76.2

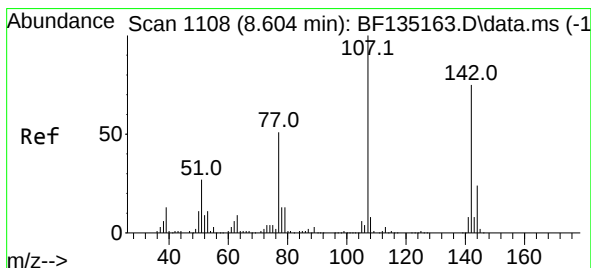
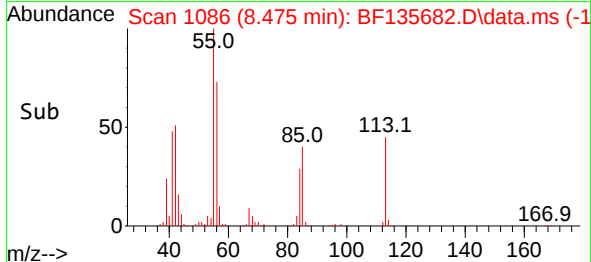
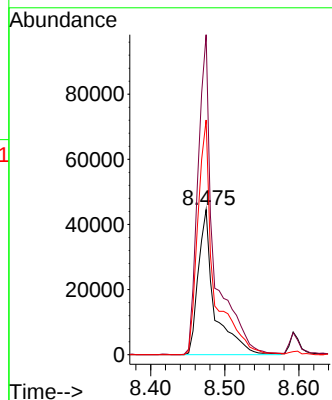
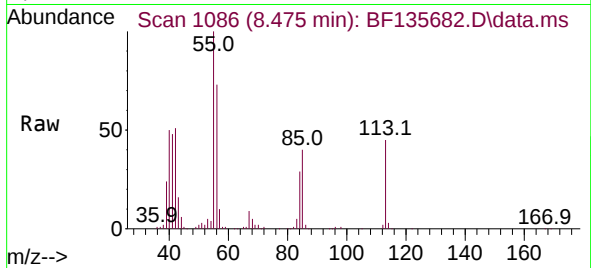




#35  
 Caprolactam  
 Concen: 43.059 ng  
 RT: 8.475 min Scan# 1106  
 Delta R.T. -0.006 min  
 Lab File: BF135682.D  
 Acq: 10 Oct 2023 13:50

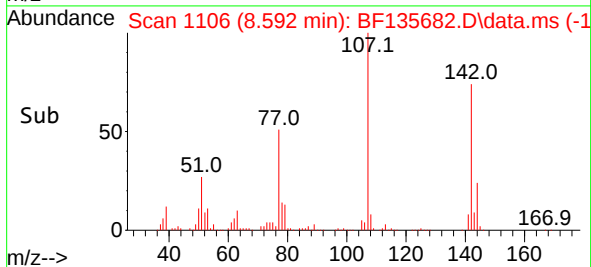
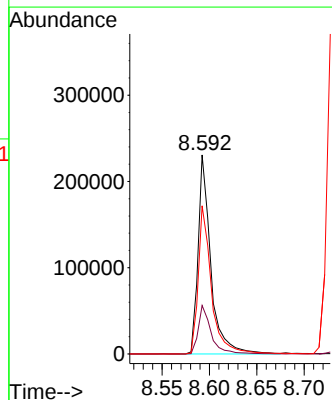
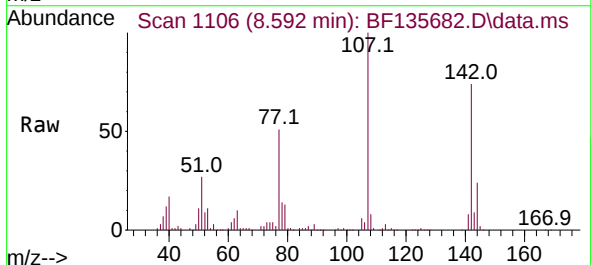
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

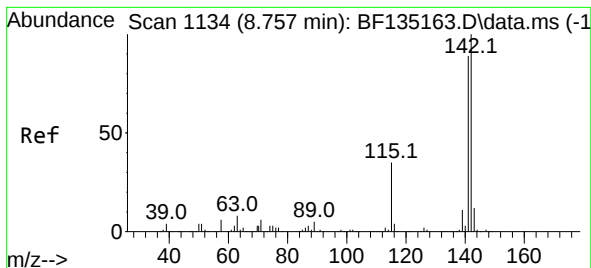
Tgt Ion:113 Resp: 68133  
 Ion Ratio Lower Upper  
 113 100  
 55 220.4 199.3 239.3  
 56 161.7 146.3 186.3



#36  
 4-Chloro-3-methylphenol  
 Concen: 41.400 ng  
 RT: 8.592 min Scan# 1106  
 Delta R.T. -0.000 min  
 Lab File: BF135682.D  
 Acq: 10 Oct 2023 13:50

Tgt Ion:107 Resp: 216932  
 Ion Ratio Lower Upper  
 107 100  
 144 24.4 19.0 28.4  
 142 74.4 60.2 90.2





#37

2-Methylnaphthalene

Concen: 41.326 ng

RT: 8.733 min Scan# 1134

Delta R.T. 0.000 min

Lab File: BF135682.D

Acq: 10 Oct 2023 13:50

Instrument :

BNA\_F

ClientSampleId :

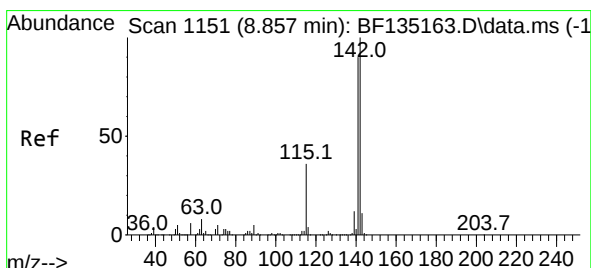
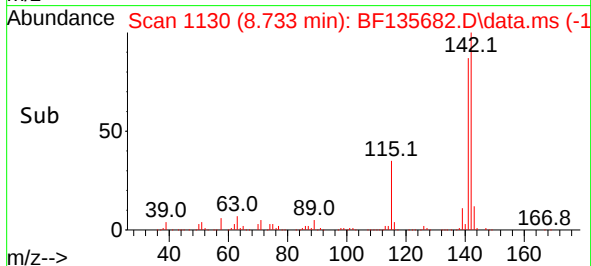
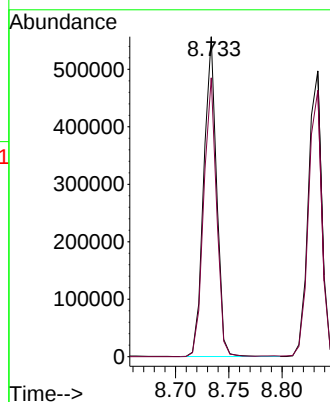
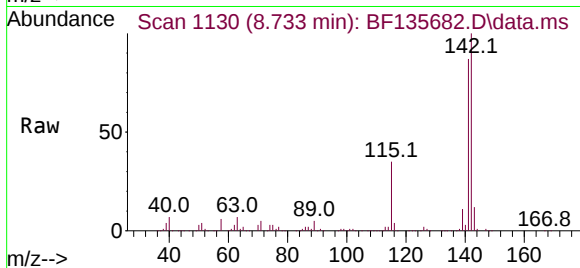
SSTDCCC040

Tgt Ion:142 Resp: 467909

Ion Ratio Lower Upper

142 100

141 87.2 71.0 106.6



#38

1-Methylnaphthalene

Concen: 40.950 ng

RT: 8.833 min Scan# 1147

Delta R.T. 0.000 min

Lab File: BF135682.D

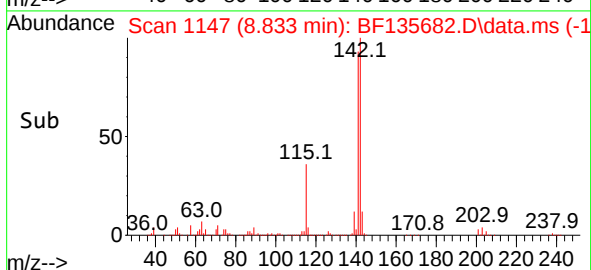
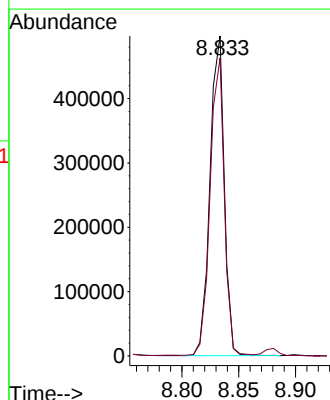
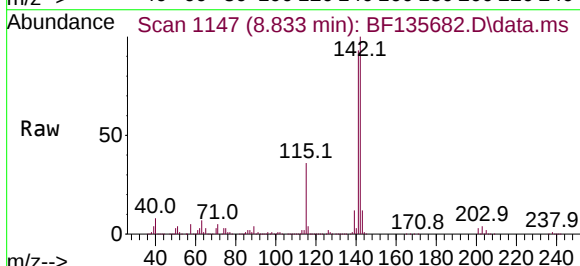
Acq: 10 Oct 2023 13:50

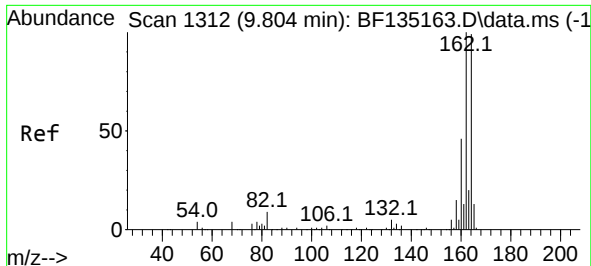
Tgt Ion:142 Resp: 434083

Ion Ratio Lower Upper

142 100

141 93.2 72.4 108.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.775 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF135682.D

Acq: 10 Oct 2023 13:50

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

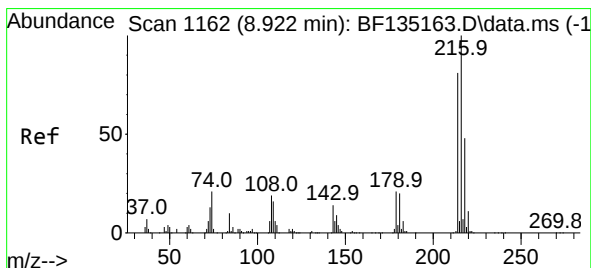
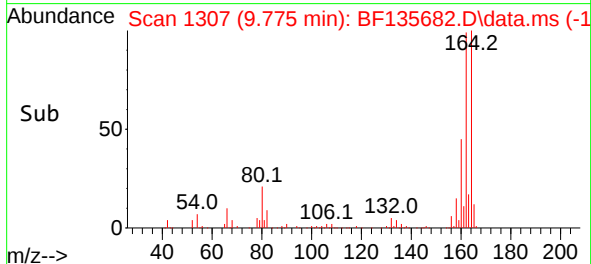
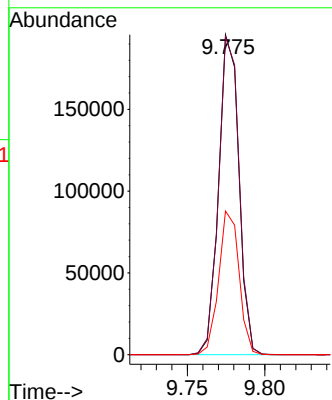
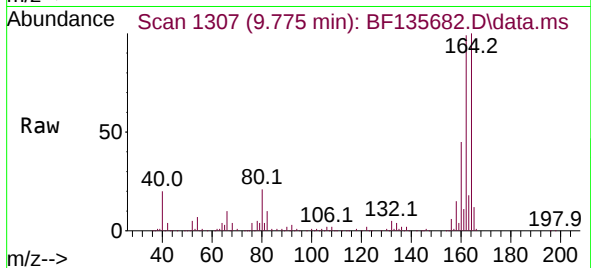
Tgt Ion:164 Resp: 177960

Ion Ratio Lower Upper

164 100

162 99.4 81.0 121.4

160 44.9 37.0 55.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.892 ng

RT: 8.898 min Scan# 1158

Delta R.T. -0.006 min

Lab File: BF135682.D

Acq: 10 Oct 2023 13:50

Tgt Ion:216 Resp: 215980

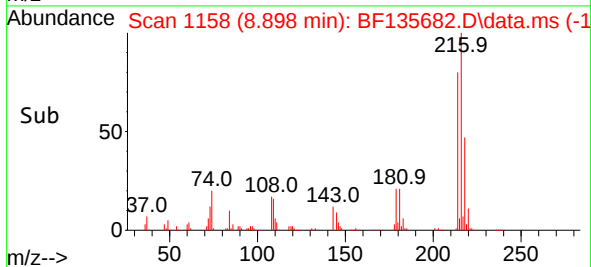
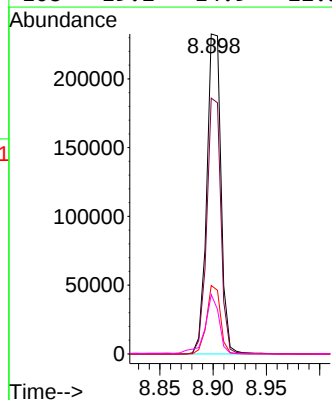
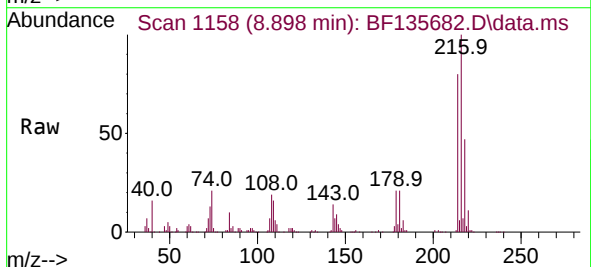
Ion Ratio Lower Upper

216 100

214 79.5 63.7 95.5

179 20.8 16.7 25.1

108 19.2 14.9 22.3

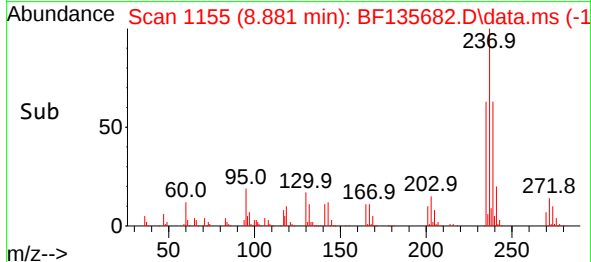
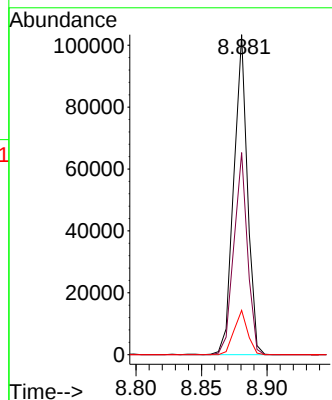
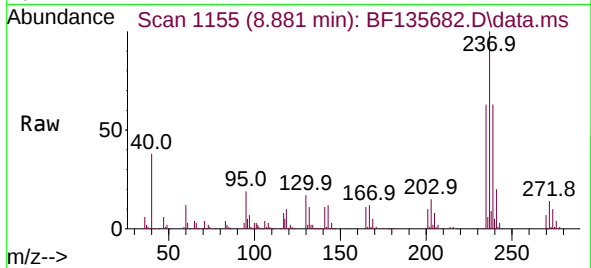




#41  
Hexachlorocyclopentadiene  
Concen: 37.486 ng  
RT: 8.881 min Scan# 1155  
Delta R.T. -0.000 min  
Lab File: BF135682.D  
Acq: 10 Oct 2023 13:50

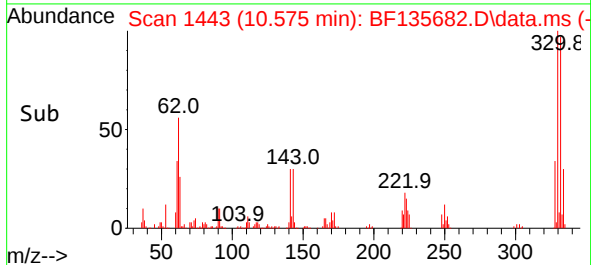
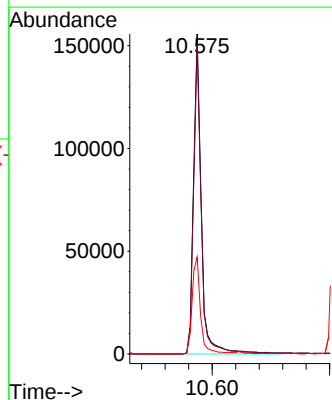
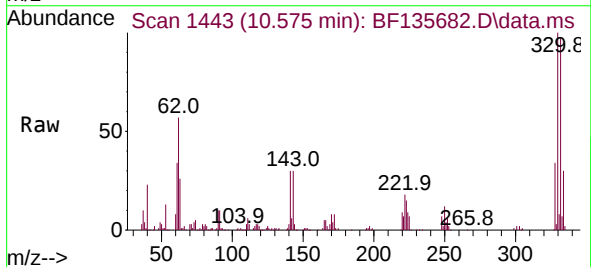
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

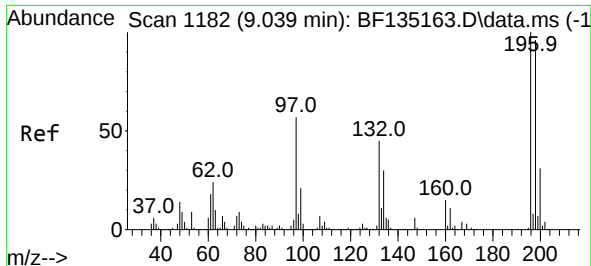
Tgt Ion:237 Resp: 75337  
Ion Ratio Lower Upper  
237 100  
235 63.1 41.8 81.8  
272 13.9 0.0 33.6



#42  
2,4,6-Tribromophenol  
Concen: 80.906 ng  
RT: 10.575 min Scan# 1443  
Delta R.T. 0.000 min  
Lab File: BF135682.D  
Acq: 10 Oct 2023 13:50

Tgt Ion:330 Resp: 143081  
Ion Ratio Lower Upper  
330 100  
332 95.5 77.3 115.9  
141 32.3 25.8 38.8

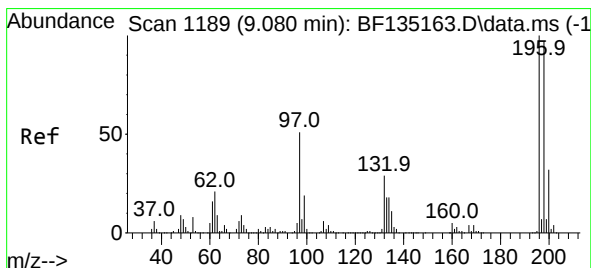
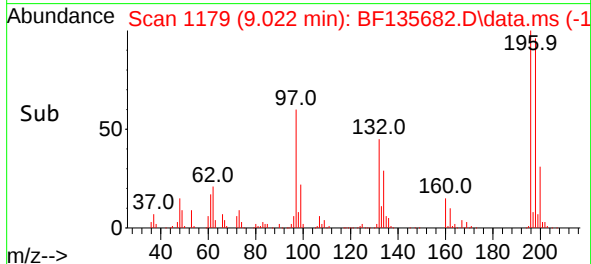
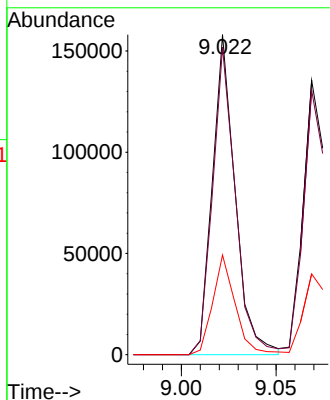
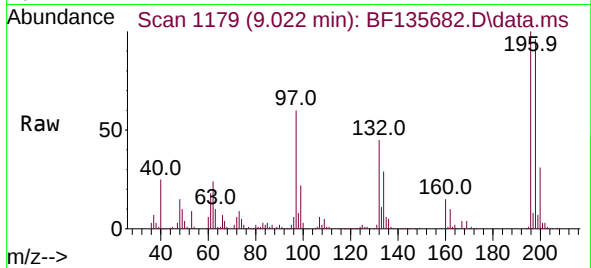




#43  
2,4,6-Trichlorophenol  
Concen: 39.234 ng  
RT: 9.022 min Scan# 1182  
Delta R.T. 0.000 min  
Lab File: BF135682.D  
Acq: 10 Oct 2023 13:50

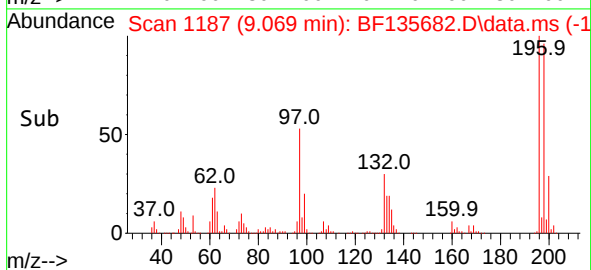
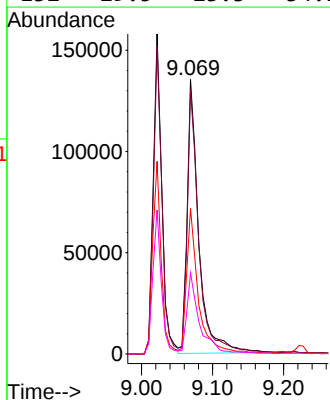
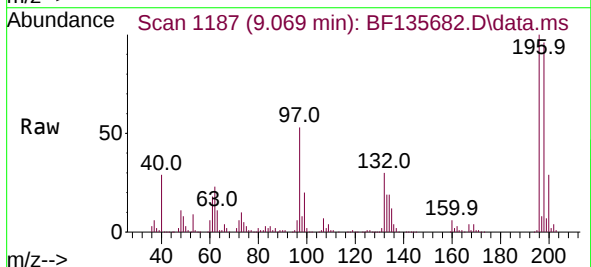
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

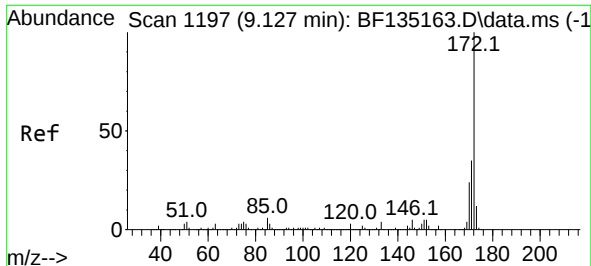
Tgt Ion:196 Resp: 132440  
Ion Ratio Lower Upper  
196 100  
198 96.1 77.0 115.6  
200 31.1 24.5 36.7



#44  
2,4,5-Trichlorophenol  
Concen: 39.730 ng  
RT: 9.069 min Scan# 1187  
Delta R.T. 0.000 min  
Lab File: BF135682.D  
Acq: 10 Oct 2023 13:50

Tgt Ion:196 Resp: 154446  
Ion Ratio Lower Upper  
196 100  
198 96.4 77.5 116.3  
97 53.0 40.5 60.7  
132 29.5 23.3 34.9

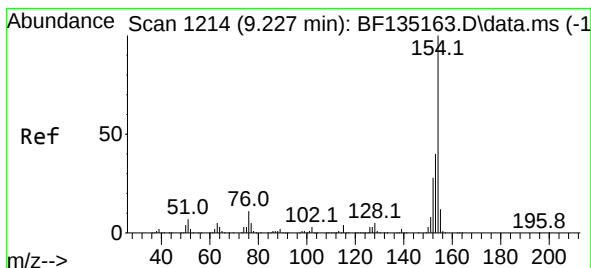
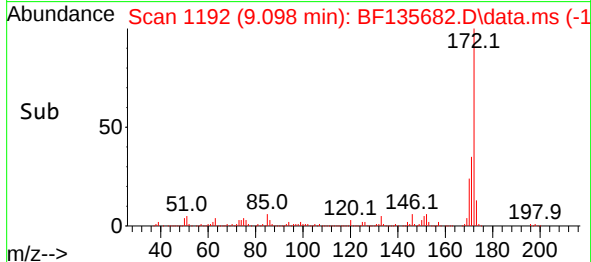
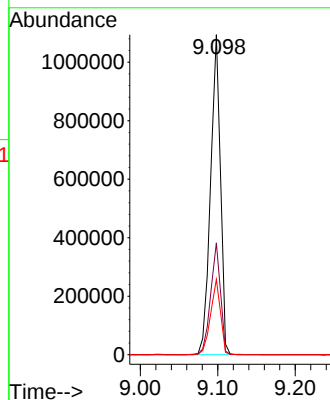
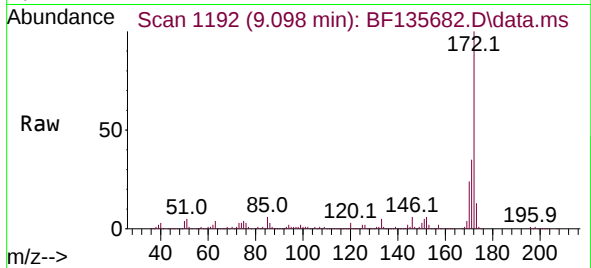




#45  
2-Fluorobiphenyl  
Concen: 82.238 ng  
RT: 9.098 min Scan# 1197  
Delta R.T. -0.000 min  
Lab File: BF135682.D  
Acq: 10 Oct 2023 13:50

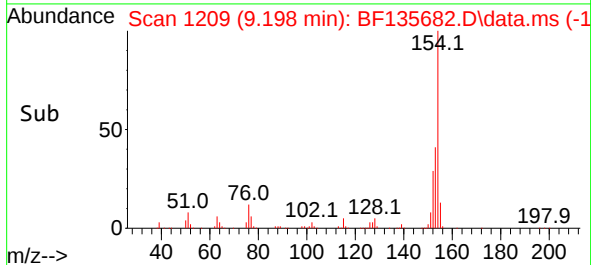
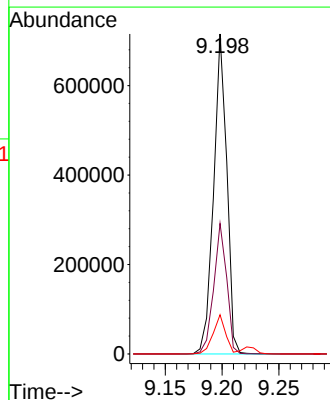
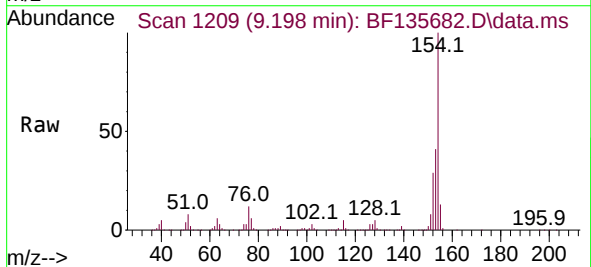
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

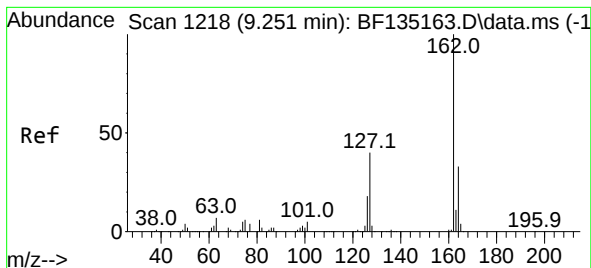
Tgt Ion:172 Resp: 970037  
Ion Ratio Lower Upper  
172 100  
171 34.9 28.4 42.6  
170 23.5 19.0 28.4



#46  
1,1'-Biphenyl  
Concen: 42.078 ng  
RT: 9.198 min Scan# 1209  
Delta R.T. 0.000 min  
Lab File: BF135682.D  
Acq: 10 Oct 2023 13:50

Tgt Ion:154 Resp: 575460  
Ion Ratio Lower Upper  
154 100  
153 40.8 19.6 59.6  
76 12.3 0.0 31.0





#47

2-Chloronaphthalene

Concen: 41.058 ng

RT: 9.228 min Scan# 1214

Delta R.T. 0.000 min

Lab File: BF135682.D

Acq: 10 Oct 2023 13:50

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

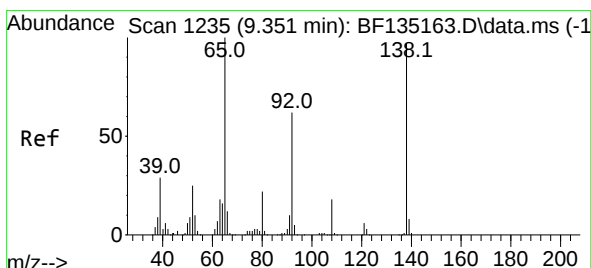
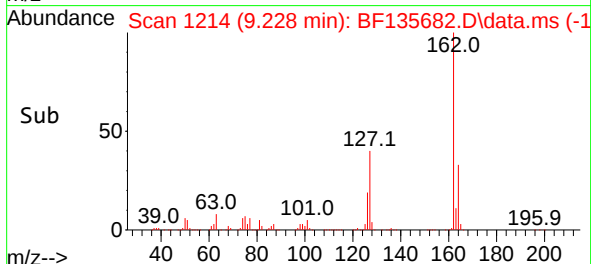
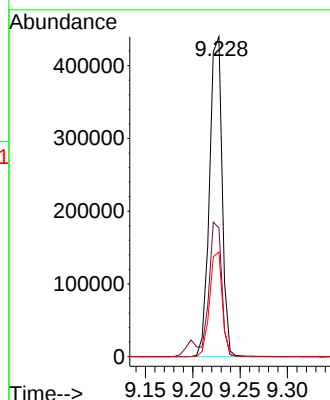
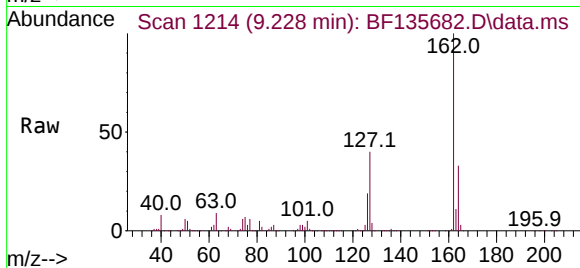
Tgt Ion:162 Resp: 407407

Ion Ratio Lower Upper

162 100

127 40.2 32.6 48.8

164 32.7 26.2 39.2



#48

2-Nitroaniline

Concen: 41.345 ng

RT: 9.333 min Scan# 1232

Delta R.T. 0.000 min

Lab File: BF135682.D

Acq: 10 Oct 2023 13:50

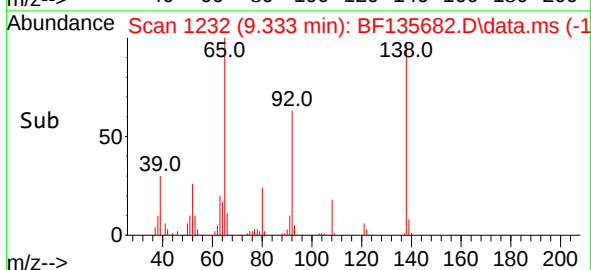
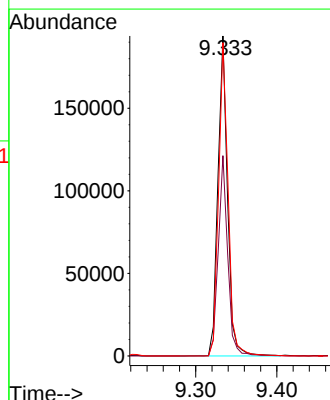
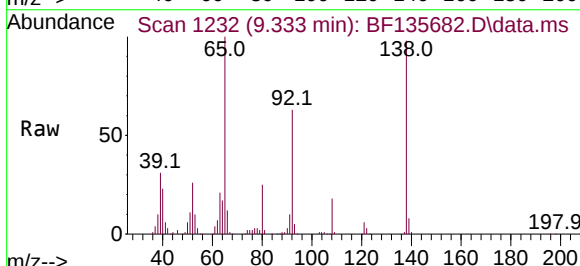
Tgt Ion: 65 Resp: 159383

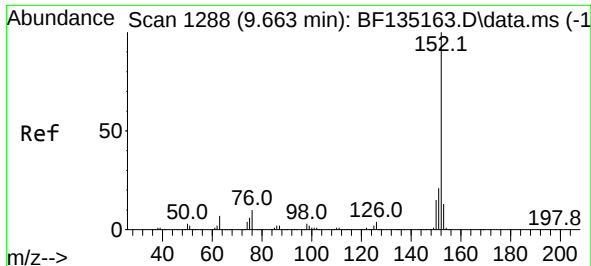
Ion Ratio Lower Upper

65 100

92 62.6 49.4 74.0

138 97.9 77.4 116.0





#49

Acenaphthylene

Concen: 40.679 ng

RT: 9.639 min Scan# 1284

Delta R.T. 0.000 min

Lab File: BF135682.D

Acq: 10 Oct 2023 13:50

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

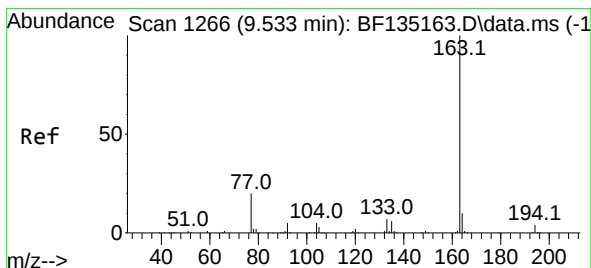
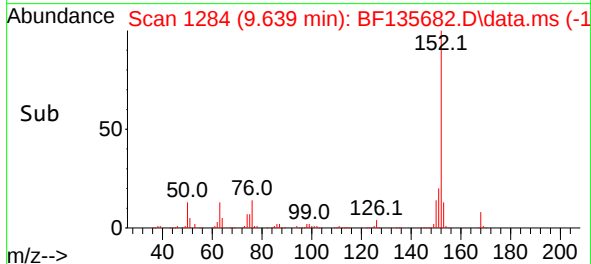
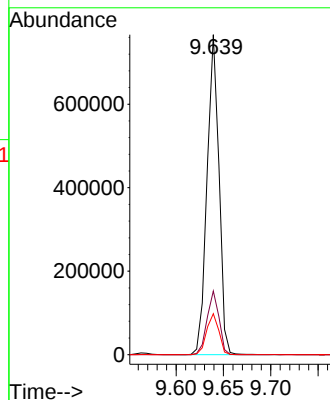
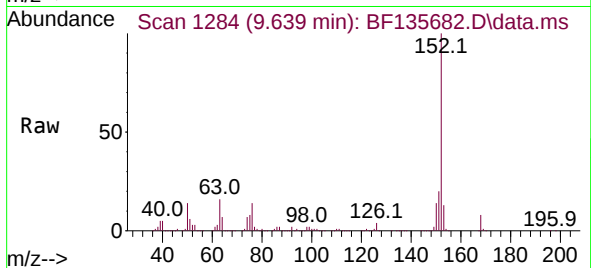
Tgt Ion:152 Resp: 670838

Ion Ratio Lower Upper

152 100

151 19.9 16.4 24.6

153 12.8 10.4 15.6



#50

Dimethylphthalate

Concen: 41.376 ng

RT: 9.504 min Scan# 1261

Delta R.T. 0.000 min

Lab File: BF135682.D

Acq: 10 Oct 2023 13:50

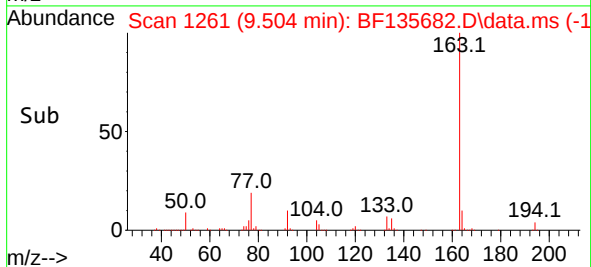
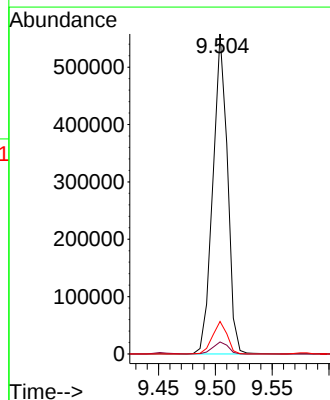
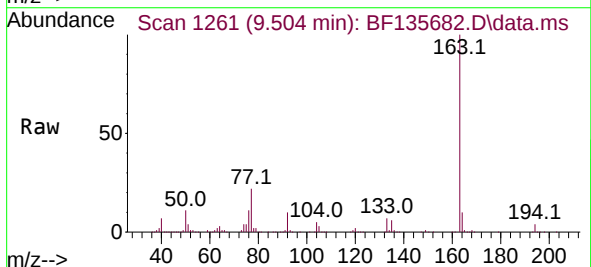
Tgt Ion:163 Resp: 497833

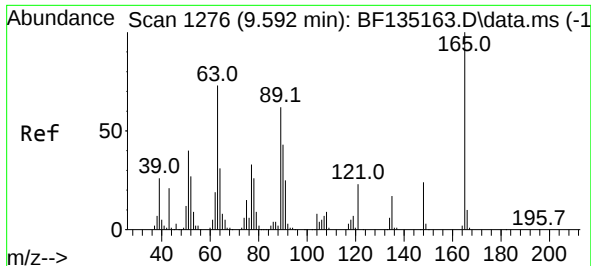
Ion Ratio Lower Upper

163 100

194 3.7 3.1 4.7

164 10.2 8.1 12.1

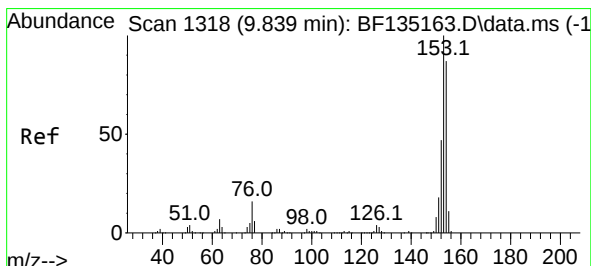
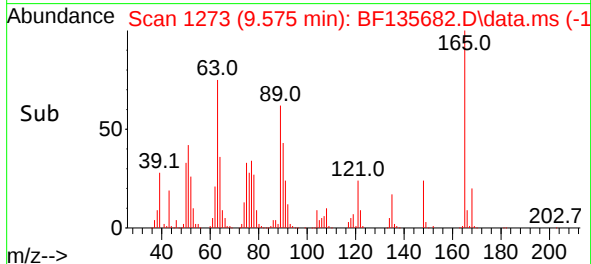
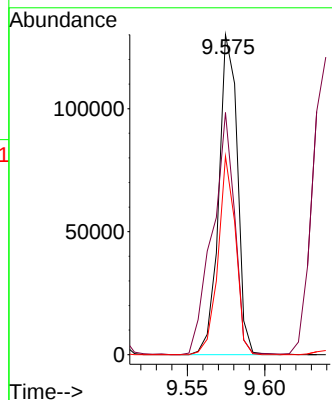
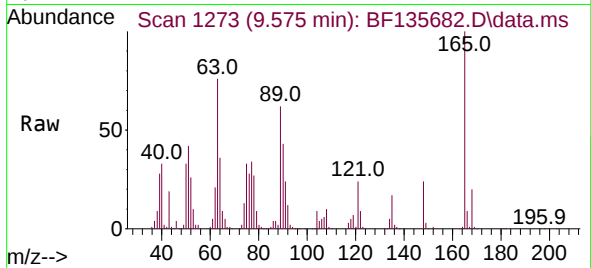




#51  
2,6-Dinitrotoluene  
Concen: 41.065 ng  
RT: 9.575 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF135682.D  
Acq: 10 Oct 2023 13:50

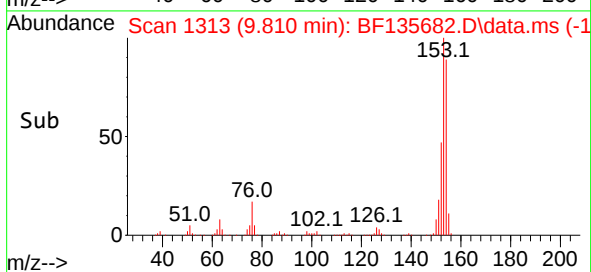
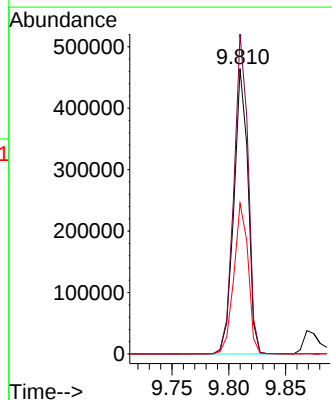
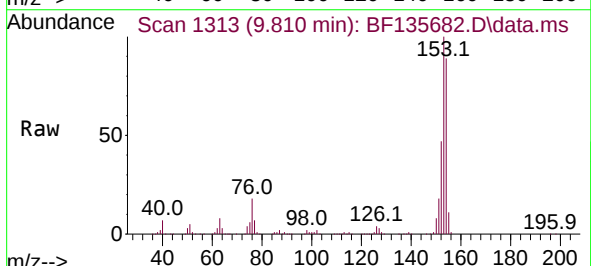
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

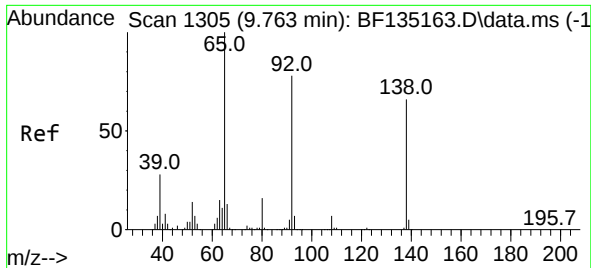
Tgt Ion:165 Resp: 108239  
Ion Ratio Lower Upper  
165 100  
63 75.7 59.4 89.2  
89 62.0 49.8 74.8



#52  
Acenaphthene  
Concen: 41.313 ng  
RT: 9.810 min Scan# 1313  
Delta R.T. -0.006 min  
Lab File: BF135682.D  
Acq: 10 Oct 2023 13:50

Tgt Ion:154 Resp: 402463  
Ion Ratio Lower Upper  
154 100  
153 112.2 92.1 138.1  
152 52.8 43.1 64.7

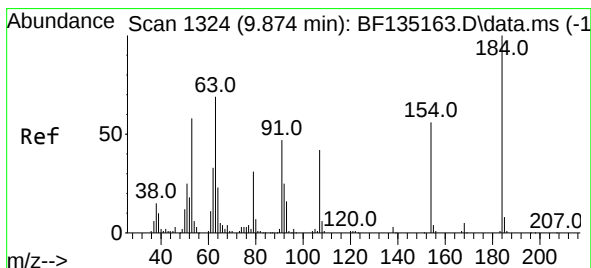
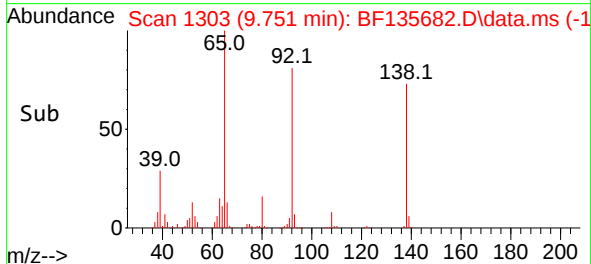
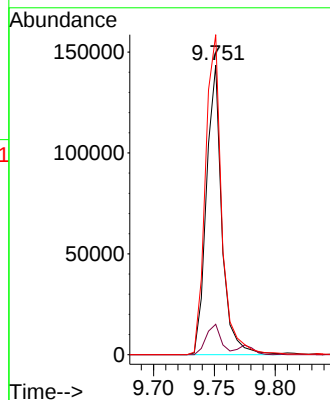
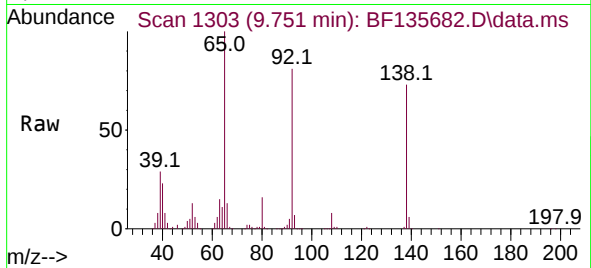




#53  
3-Nitroaniline  
Concen: 40.911 ng  
RT: 9.751 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BF135682.D  
Acq: 10 Oct 2023 13:50

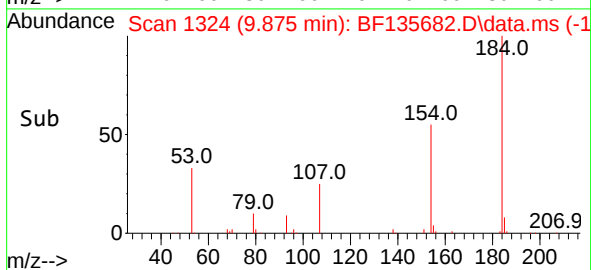
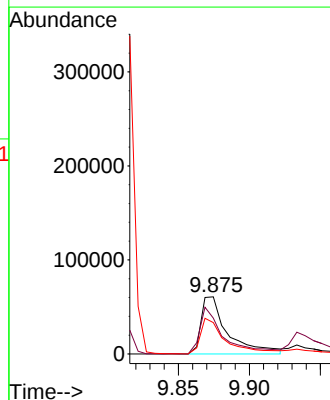
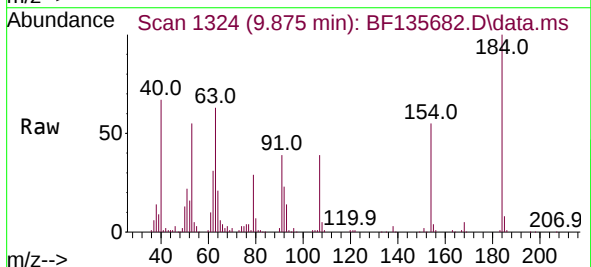
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

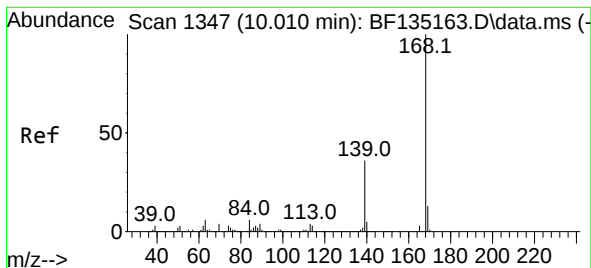
Tgt Ion:138 Resp: 126578  
Ion Ratio Lower Upper  
138 100  
108 10.5 8.5 12.7  
92 110.5 95.4 143.0



#54  
2,4-Dinitrophenol  
Concen: 55.439 ng  
RT: 9.875 min Scan# 1324  
Delta R.T. 0.000 min  
Lab File: BF135682.D  
Acq: 10 Oct 2023 13:50

Tgt Ion:184 Resp: 79841  
Ion Ratio Lower Upper  
184 100  
63 62.8 55.1 82.7  
154 54.9 48.4 72.6





#55

Dibenzenofuran

Concen: 41.192 ng

RT: 9.986 min Scan# 1343

Delta R.T. 0.000 min

Lab File: BF135682.D

Acq: 10 Oct 2023 13:50

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

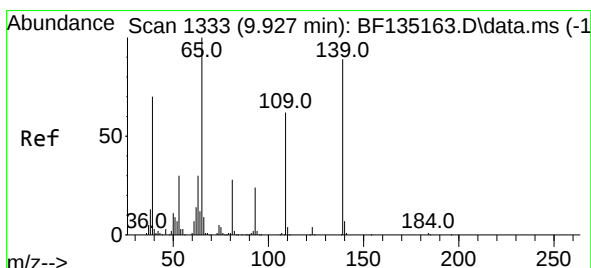
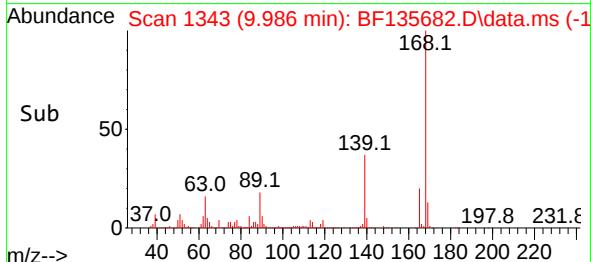
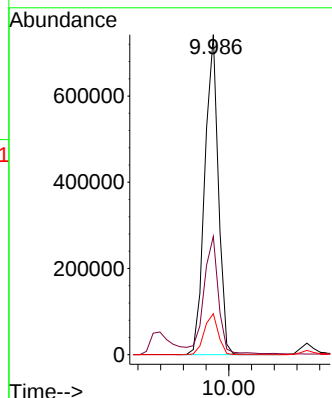
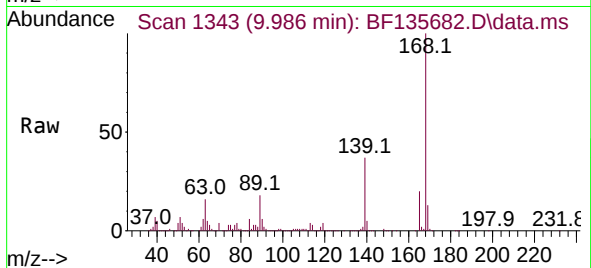
Tgt Ion:168 Resp: 612364

Ion Ratio Lower Upper

168 100

139 36.9 29.0 43.6

169 12.8 10.4 15.6



#56

4-Nitrophenol

Concen: 36.858 ng

RT: 9.939 min Scan# 1335

Delta R.T. 0.000 min

Lab File: BF135682.D

Acq: 10 Oct 2023 13:50

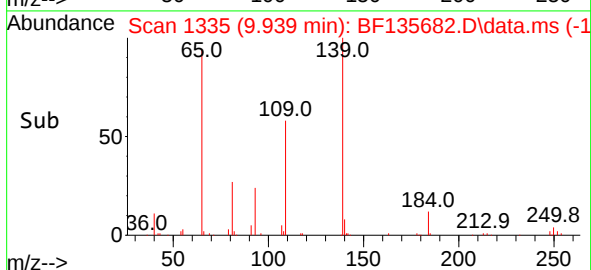
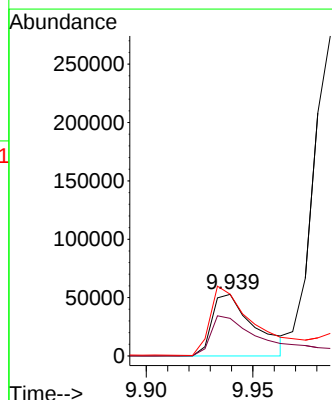
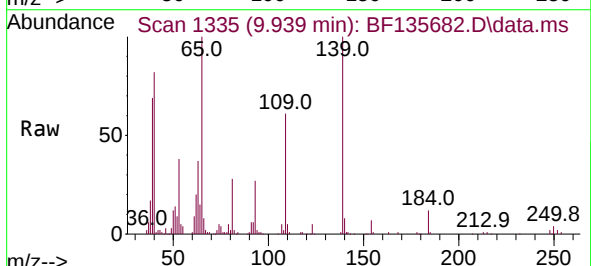
Tgt Ion:139 Resp: 72476

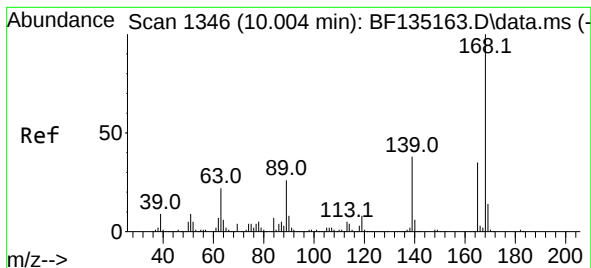
Ion Ratio Lower Upper

139 100

109 61.0 49.8 89.8

65 100.2 92.7 132.7

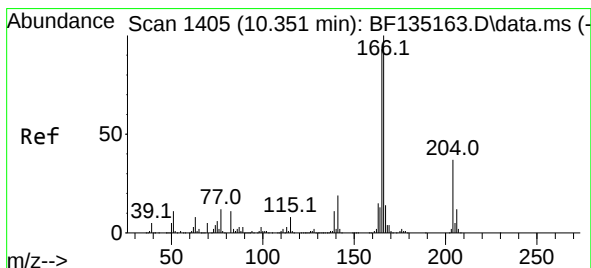
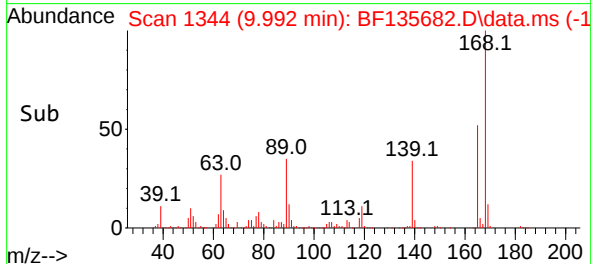
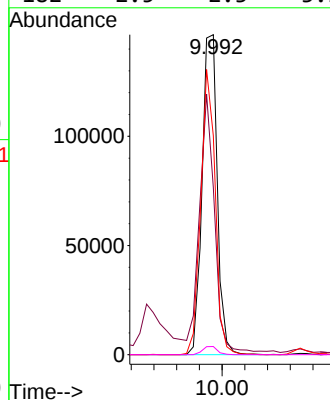
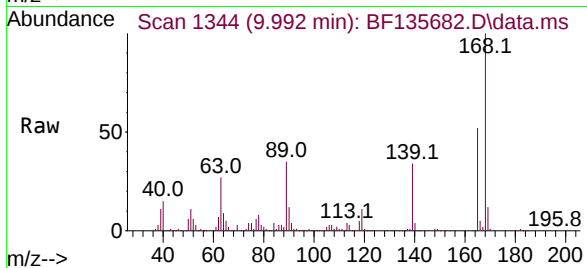




#57  
2,4-Dinitrotoluene  
Concen: 41.350 ng  
RT: 9.992 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF135682.D  
Acq: 10 Oct 2023 13:50

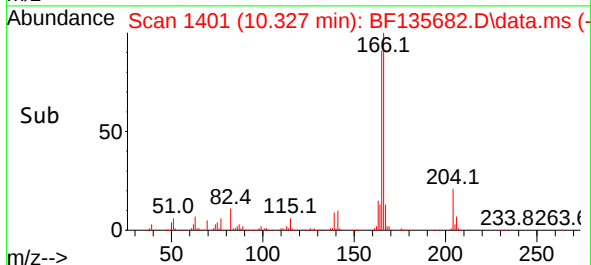
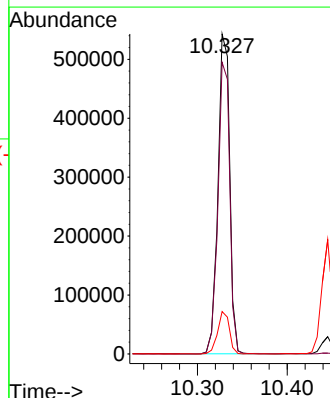
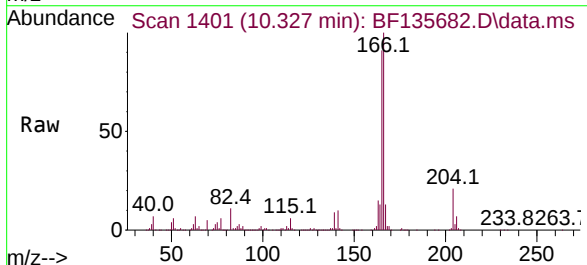
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

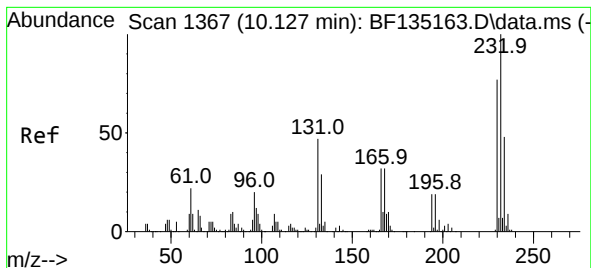
Tgt Ion:165 Resp: 136447  
Ion Ratio Lower Upper  
165 100  
63 52.2 50.1 75.1  
89 68.4 59.3 88.9  
182 2.5 2.3 3.5



#58  
Fluorene  
Concen: 43.044 ng  
RT: 10.327 min Scan# 1401  
Delta R.T. -0.006 min  
Lab File: BF135682.D  
Acq: 10 Oct 2023 13:50

Tgt Ion:166 Resp: 491926  
Ion Ratio Lower Upper  
166 100  
165 91.1 74.3 111.5  
167 13.3 10.9 16.3

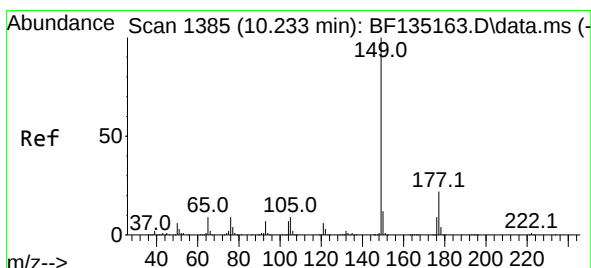
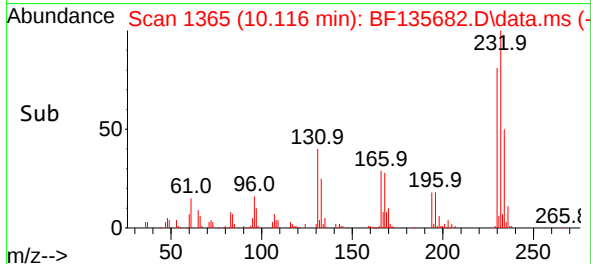
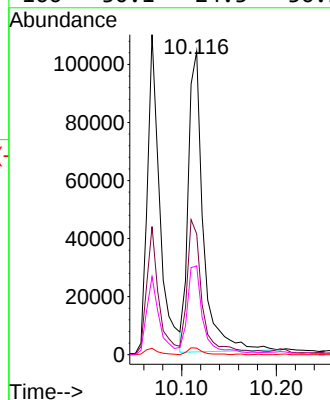
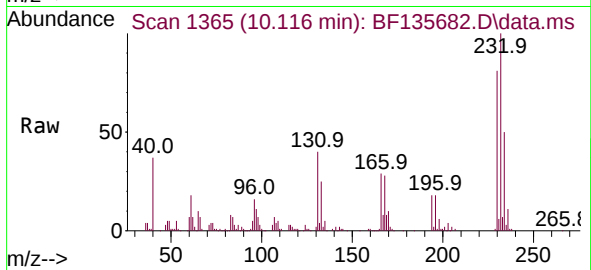




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 38.132 ng  
RT: 10.116 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BF135682.D  
Acq: 10 Oct 2023 13:50

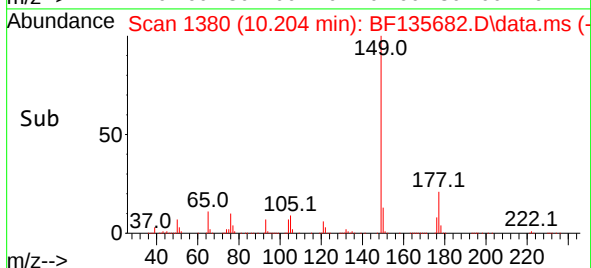
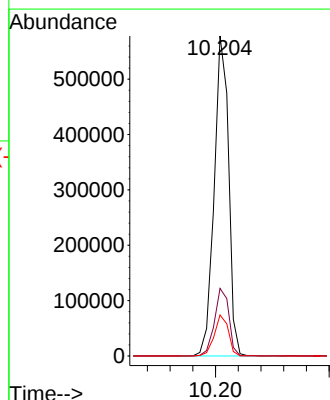
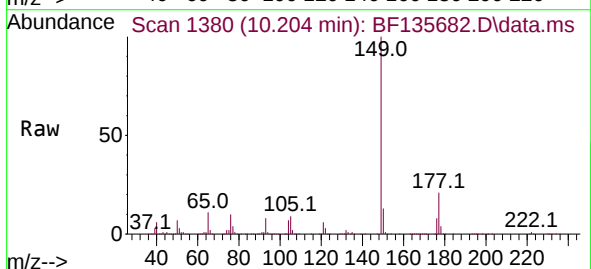
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

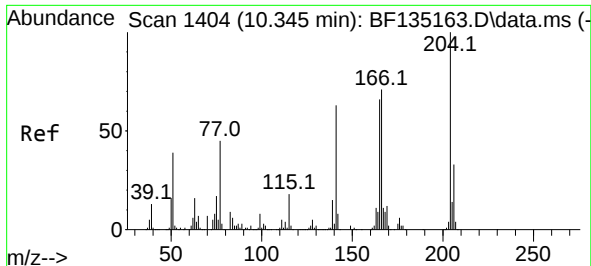
Tgt Ion:232 Resp: 114028  
Ion Ratio Lower Upper  
232 100  
131 45.5 35.4 53.2  
130 2.3 1.8 2.8  
166 30.1 24.3 36.5



#60  
Diethylphthalate  
Concen: 42.123 ng  
RT: 10.204 min Scan# 1380  
Delta R.T. 0.000 min  
Lab File: BF135682.D  
Acq: 10 Oct 2023 13:50

Tgt Ion:149 Resp: 508644  
Ion Ratio Lower Upper  
149 100  
177 21.1 17.8 26.6  
150 12.8 10.0 15.0

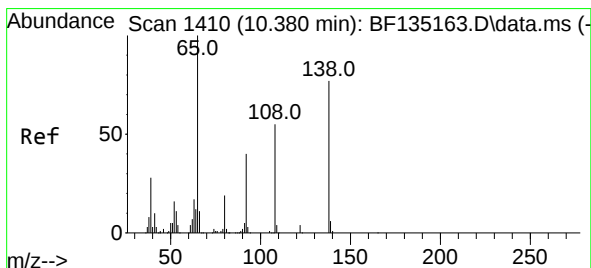
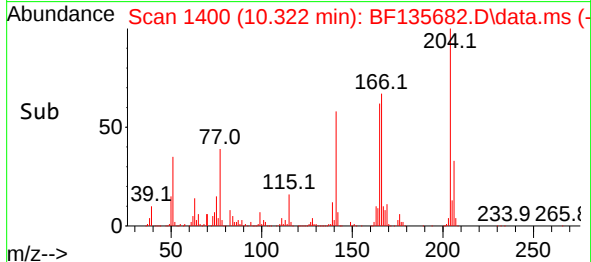
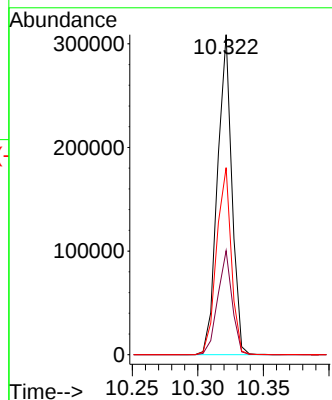
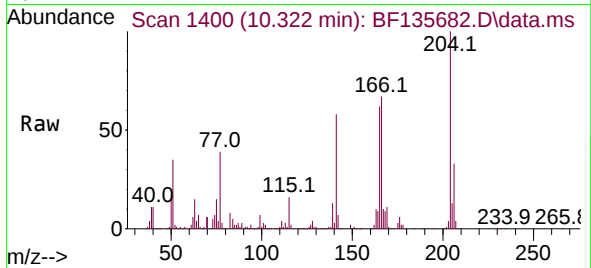




#61  
4-Chlorophenyl-phenylether  
Concen: 42.969 ng  
RT: 10.322 min Scan# 1400  
Delta R.T. -0.000 min  
Lab File: BF135682.D  
Acq: 10 Oct 2023 13:50

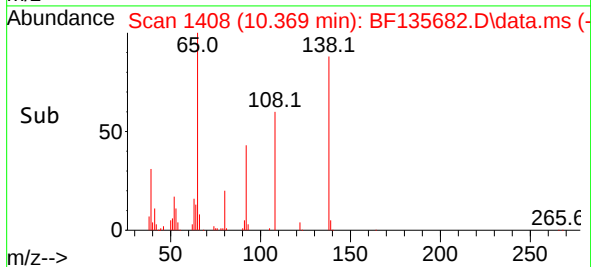
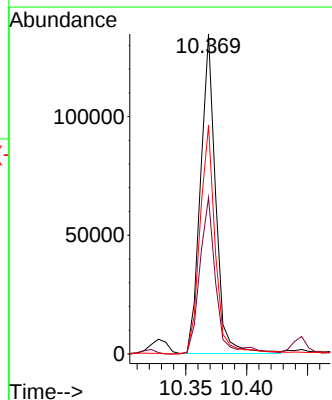
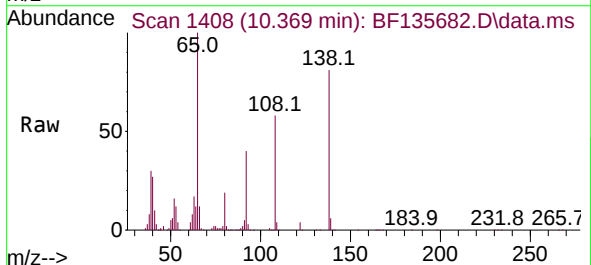
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

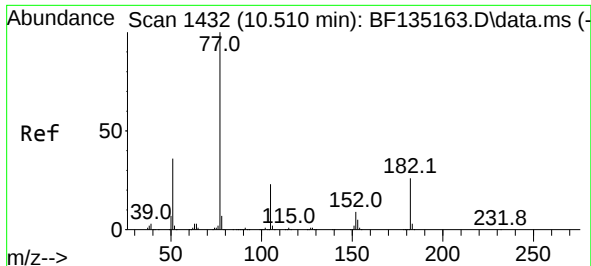
Tgt Ion:204 Resp: 235894  
Ion Ratio Lower Upper  
204 100  
206 32.5 26.7 40.1  
141 58.4 50.6 75.8



#62  
4-Nitroaniline  
Concen: 39.281 ng  
RT: 10.369 min Scan# 1408  
Delta R.T. 0.000 min  
Lab File: BF135682.D  
Acq: 10 Oct 2023 13:50

Tgt Ion:138 Resp: 116825  
Ion Ratio Lower Upper  
138 100  
92 48.9 31.8 71.8  
108 71.4 52.0 92.0

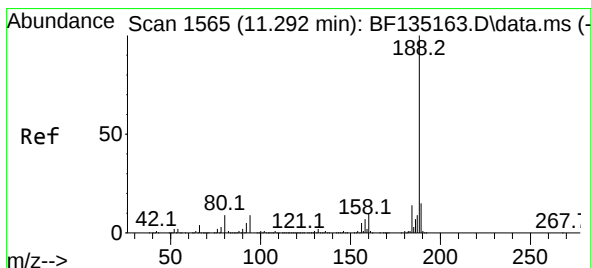
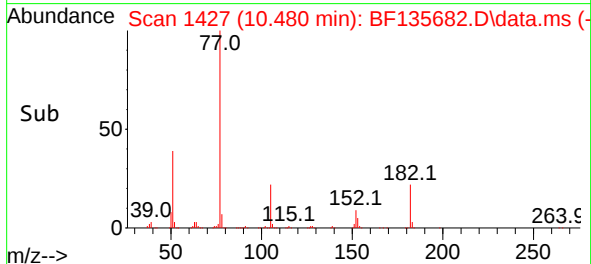
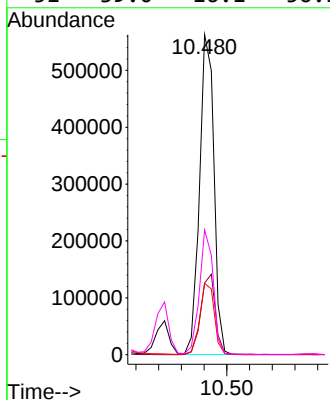
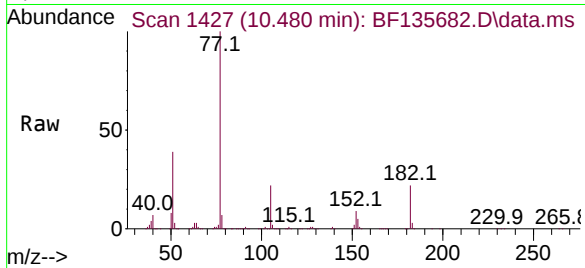




#63  
Azobenzene  
Concen: 42.031 ng  
RT: 10.480 min Scan# 1432  
Delta R.T. -0.006 min  
Lab File: BF135682.D  
Acq: 10 Oct 2023 13:50

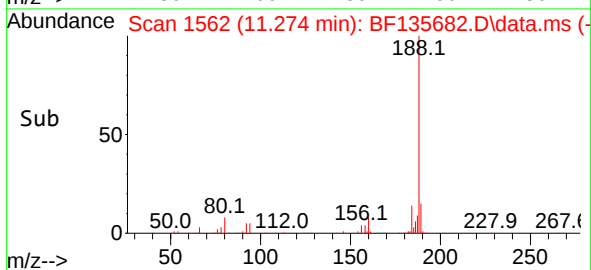
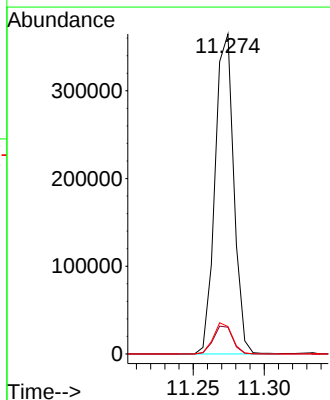
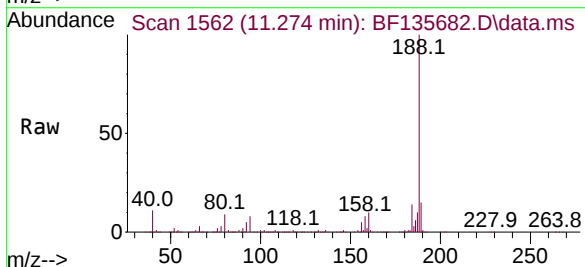
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

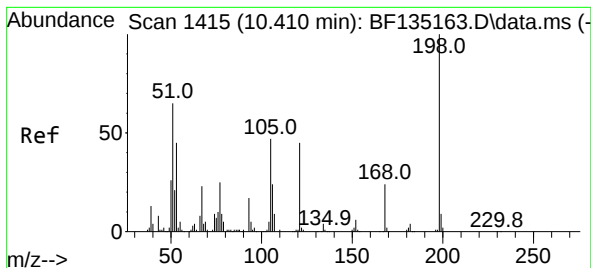
|             |              |
|-------------|--------------|
| Tgt Ion: 77 | Resp: 496713 |
| Ion Ratio   | Lower Upper  |
| 77 100      |              |
| 182 22.4    | 6.4 46.4     |
| 105 22.3    | 3.1 43.1     |
| 51 39.0     | 16.1 56.1    |



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.274 min Scan# 1562  
Delta R.T. 0.000 min  
Lab File: BF135682.D  
Acq: 10 Oct 2023 13:50

|             |              |
|-------------|--------------|
| Tgt Ion:188 | Resp: 334953 |
| Ion Ratio   | Lower Upper  |
| 188 100     |              |
| 94 8.4      | 7.0 10.6     |
| 80 8.6      | 7.5 11.3     |

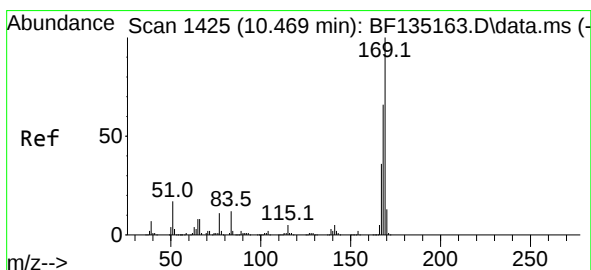
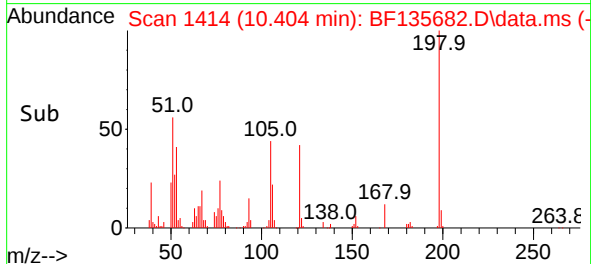
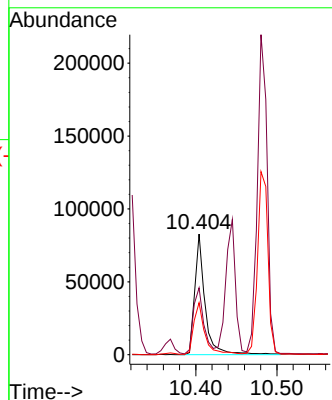
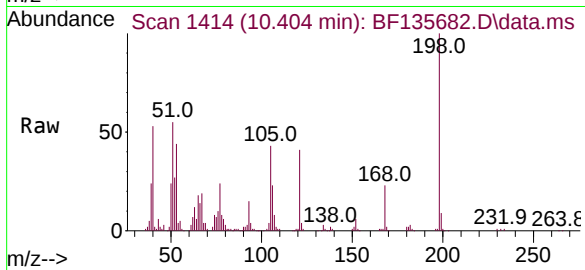




#65  
4,6-Dinitro-2-methylphenol  
Concen: 41.325 ng  
RT: 10.404 min Scan# 1415  
Delta R.T. -0.000 min  
Lab File: BF135682.D  
Acq: 10 Oct 2023 13:50

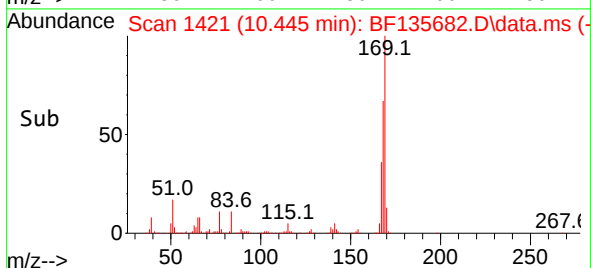
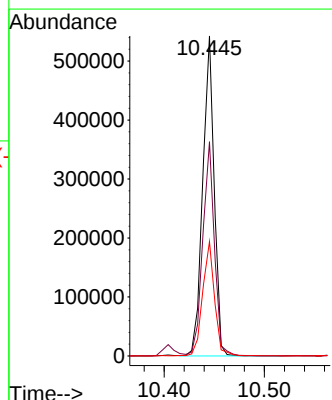
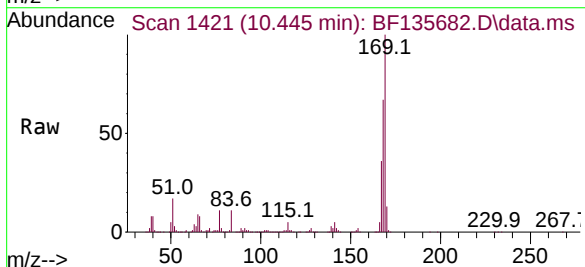
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

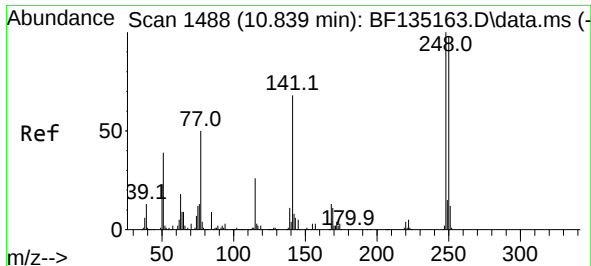
Tgt Ion:198 Resp: 73519  
Ion Ratio Lower Upper  
198 100  
51 55.5 47.7 87.7  
105 43.1 27.4 67.4



#66  
n-Nitrosodiphenylamine  
Concen: 42.633 ng  
RT: 10.445 min Scan# 1421  
Delta R.T. 0.000 min  
Lab File: BF135682.D  
Acq: 10 Oct 2023 13:50

Tgt Ion:169 Resp: 432328  
Ion Ratio Lower Upper  
169 100  
168 67.0 52.8 79.2  
167 35.8 29.0 43.6

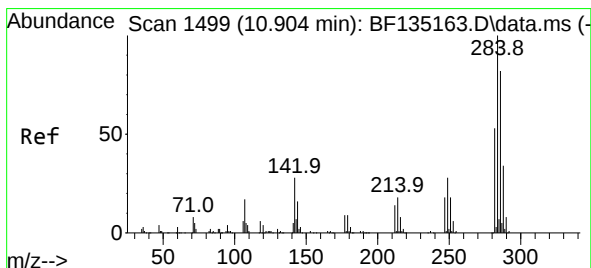
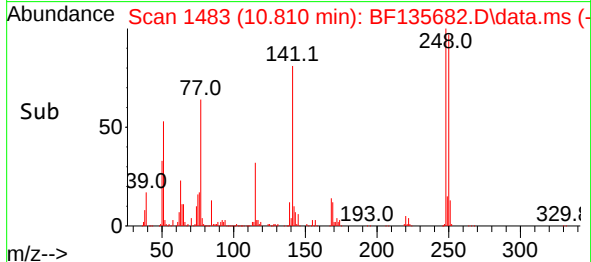
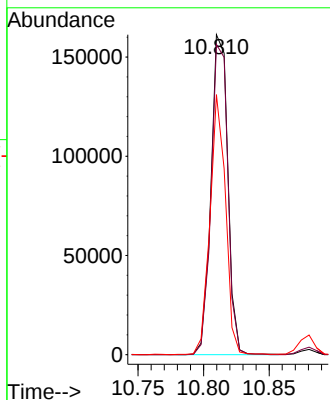
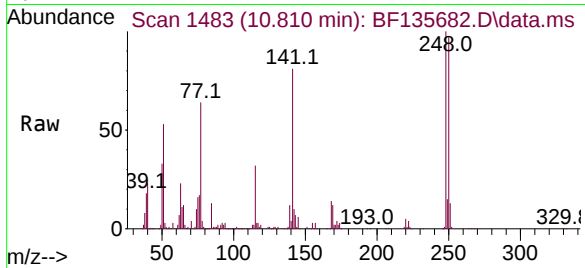




#67  
4-Bromophenyl-phenylether  
Concen: 43.235 ng  
RT: 10.810 min Scan# 1483  
Delta R.T. -0.006 min  
Lab File: BF135682.D  
Acq: 10 Oct 2023 13:50

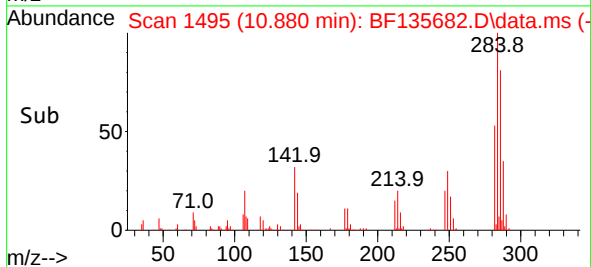
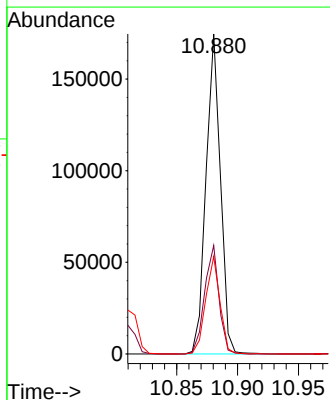
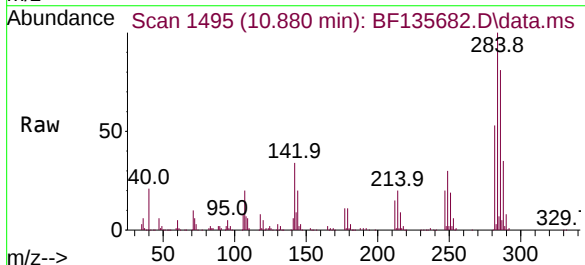
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

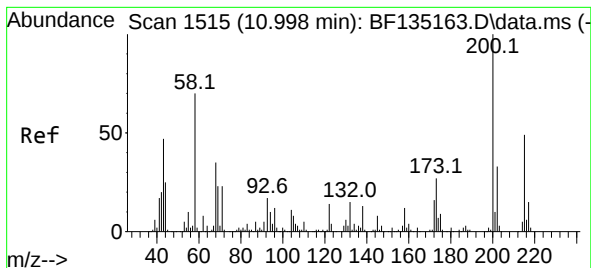
Tgt Ion:248 Resp: 144031  
Ion Ratio Lower Upper  
248 100  
250 96.9 78.6 117.8  
141 81.2 54.2 81.2#



#68  
Hexachlorobenzene  
Concen: 42.231 ng  
RT: 10.880 min Scan# 1495  
Delta R.T. 0.000 min  
Lab File: BF135682.D  
Acq: 10 Oct 2023 13:50

Tgt Ion:284 Resp: 143328  
Ion Ratio Lower Upper  
284 100  
142 33.9 22.2 33.4#  
249 30.4 22.5 33.7





#69

Atrazine

Concen: 40.875 ng

RT: 10.980 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF135682.D

Acq: 10 Oct 2023 13:50

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

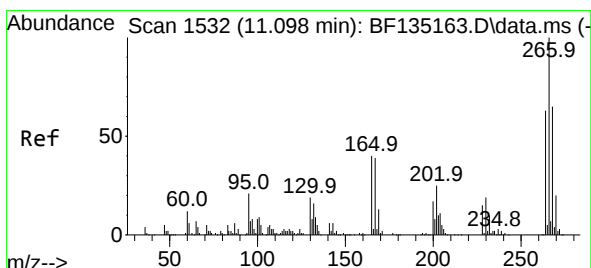
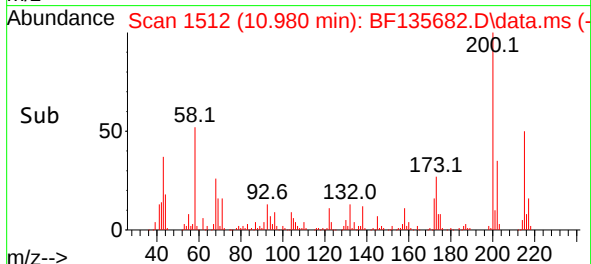
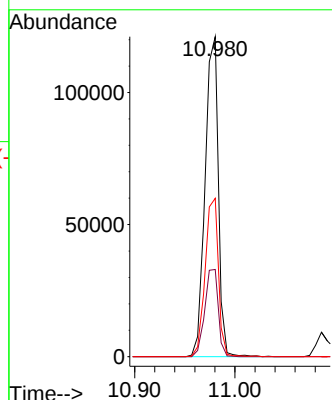
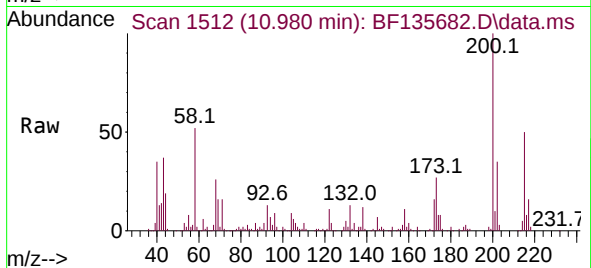
Tgt Ion:200 Resp: 111528

Ion Ratio Lower Upper

200 100

173 27.3 7.4 47.4

215 49.5 28.6 68.6



#70

Pentachlorophenol

Concen: 33.764 ng

RT: 11.086 min Scan# 1530

Delta R.T. 0.000 min

Lab File: BF135682.D

Acq: 10 Oct 2023 13:50

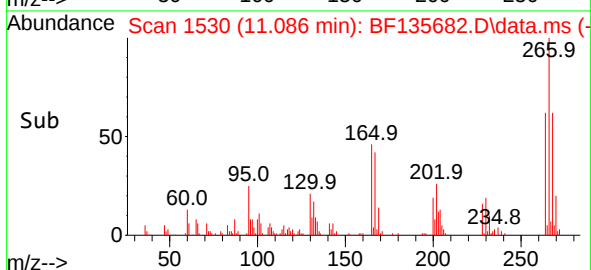
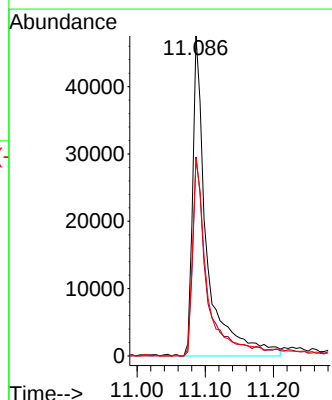
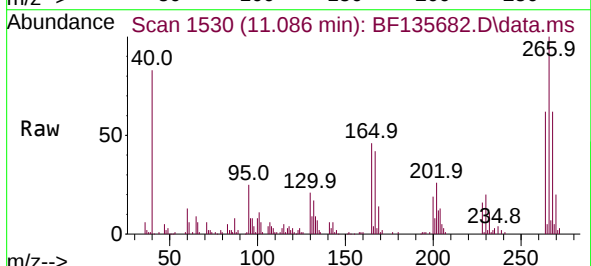
Tgt Ion:266 Resp: 68559

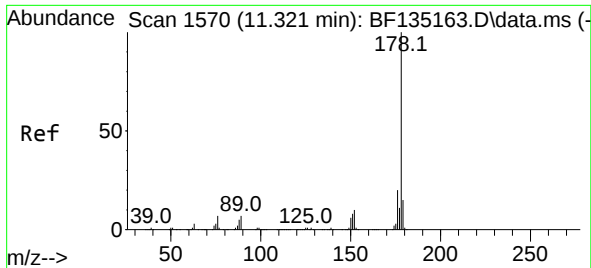
Ion Ratio Lower Upper

266 100

268 62.2 52.1 78.1

264 61.8 50.8 76.2

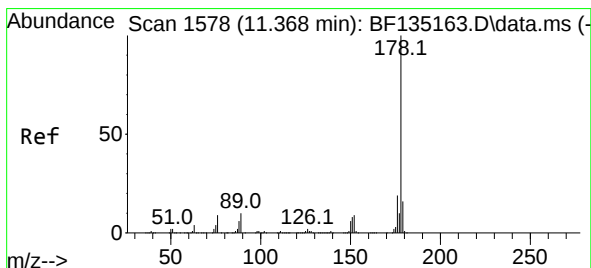
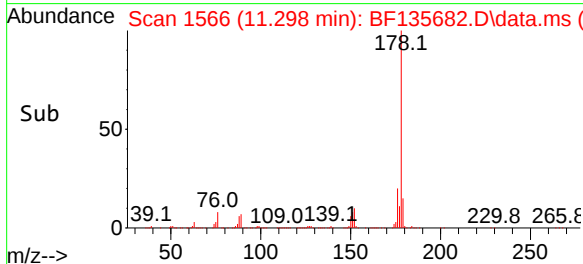
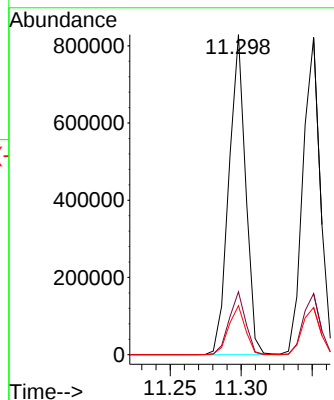
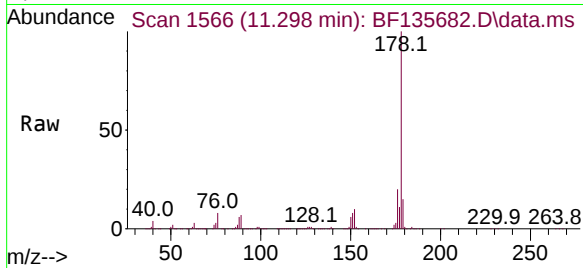




#71  
Phenanthrene  
Concen: 42.869 ng  
RT: 11.298 min Scan# 1566  
Delta R.T. 0.000 min  
Lab File: BF135682.D  
Acq: 10 Oct 2023 13:50

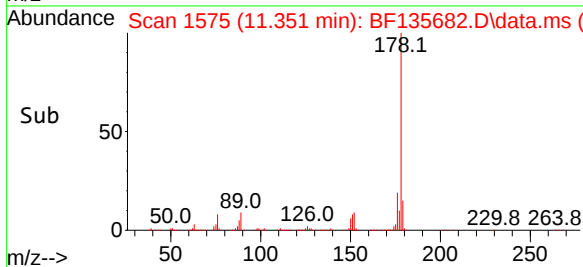
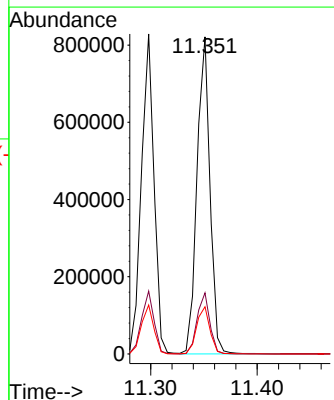
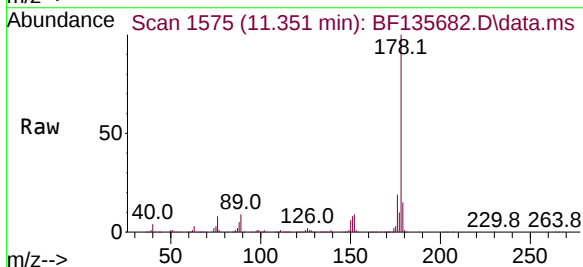
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

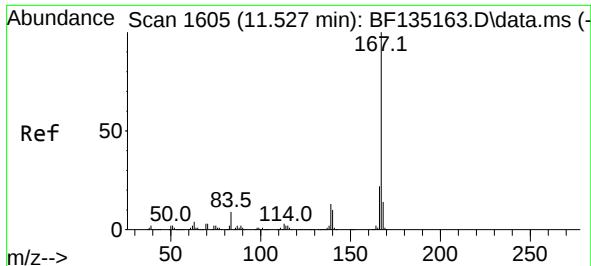
Tgt Ion:178 Resp: 679116  
Ion Ratio Lower Upper  
178 100  
176 19.6 15.6 23.4  
179 15.3 12.0 18.0



#72  
Anthracene  
Concen: 42.737 ng  
RT: 11.351 min Scan# 1575  
Delta R.T. 0.000 min  
Lab File: BF135682.D  
Acq: 10 Oct 2023 13:50

Tgt Ion:178 Resp: 695924  
Ion Ratio Lower Upper  
178 100  
176 19.3 15.4 23.2  
179 14.9 12.6 19.0

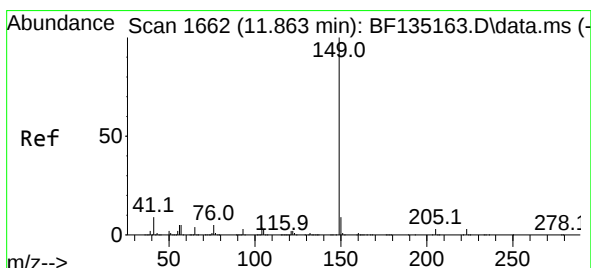
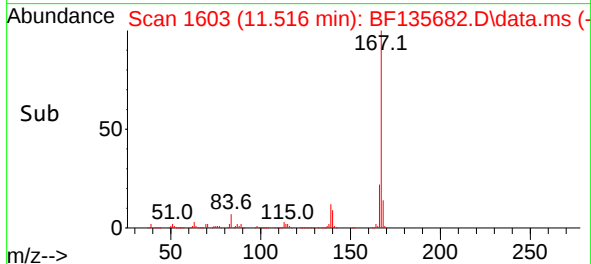
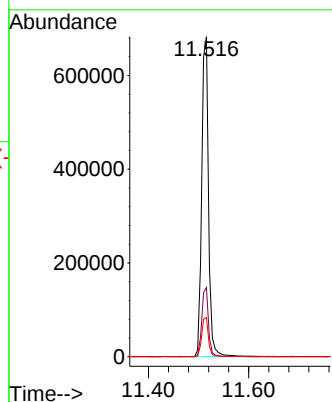
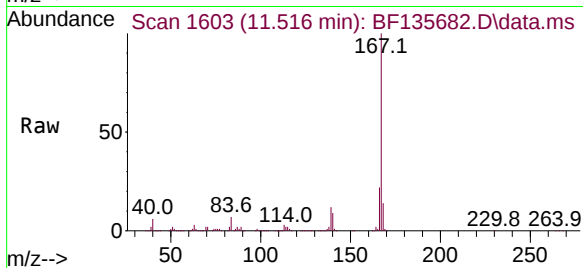




#73  
 Carbazole  
 Concen: 43.261 ng  
 RT: 11.516 min Scan# 1603  
 Delta R.T. 0.000 min  
 Lab File: BF135682.D  
 Acq: 10 Oct 2023 13:50

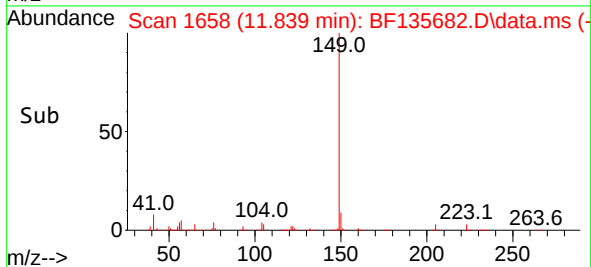
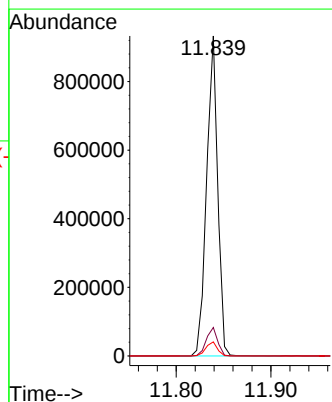
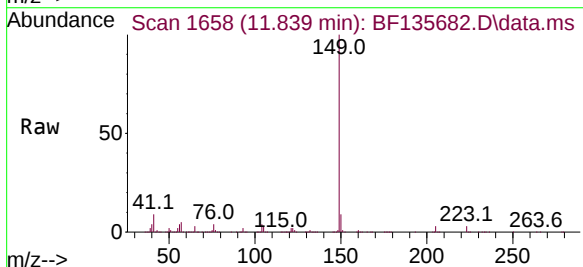
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 ClientSampleId :  
 SSTDCCC040

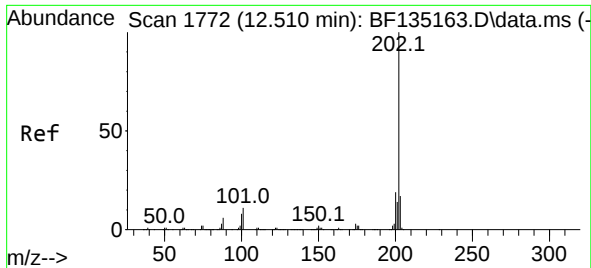
Tgt Ion:167 Resp: 641273  
 Ion Ratio Lower Upper  
 167 100  
 166 21.6 17.4 26.0  
 139 12.2 10.6 15.8



#74  
 Di-n-butylphthalate  
 Concen: 43.354 ng  
 RT: 11.839 min Scan# 1658  
 Delta R.T. -0.000 min  
 Lab File: BF135682.D  
 Acq: 10 Oct 2023 13:50

Tgt Ion:149 Resp: 757278  
 Ion Ratio Lower Upper  
 149 100  
 150 8.9 7.4 11.0  
 104 4.4 3.6 5.4

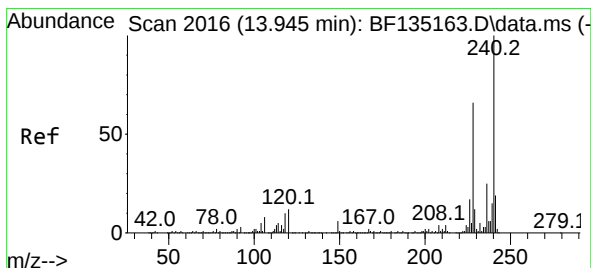
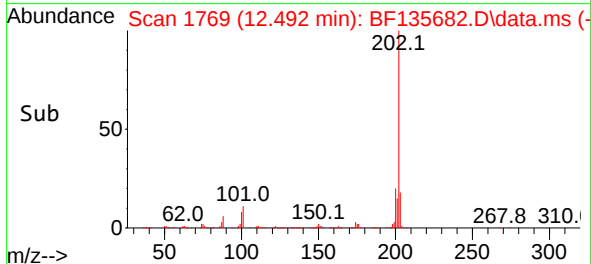
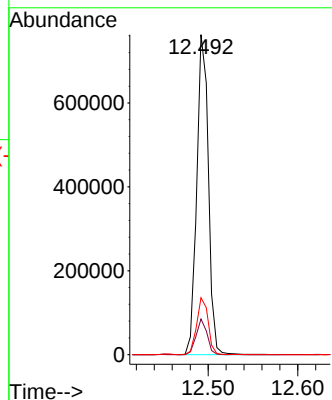
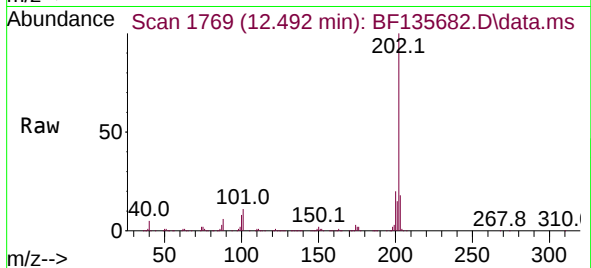




#75  
Fluoranthene  
Concen: 41.652 ng  
RT: 12.492 min Scan# 1769  
Delta R.T. -0.006 min  
Lab File: BF135682.D  
Acq: 10 Oct 2023 13:50

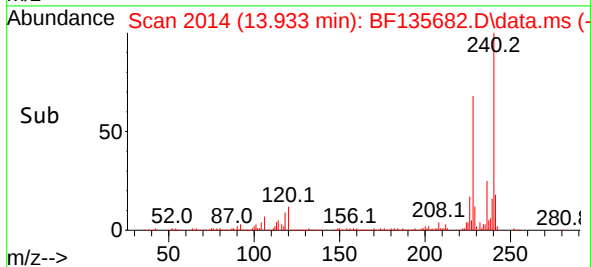
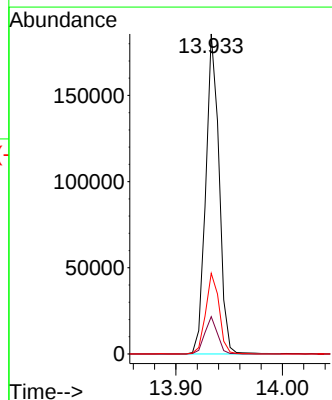
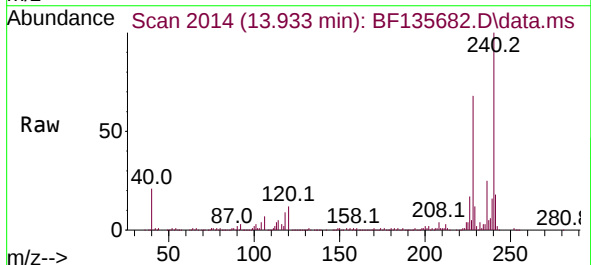
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

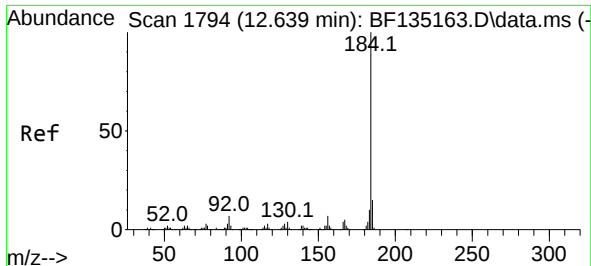
Tgt Ion:202 Resp: 687545  
Ion Ratio Lower Upper  
202 100  
101 11.2 0.0 31.3  
203 17.8 0.0 37.4



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.933 min Scan# 2014  
Delta R.T. -0.006 min  
Lab File: BF135682.D  
Acq: 10 Oct 2023 13:50

Tgt Ion:240 Resp: 162096  
Ion Ratio Lower Upper  
240 100  
120 11.6 9.4 14.2  
236 25.2 19.8 29.8

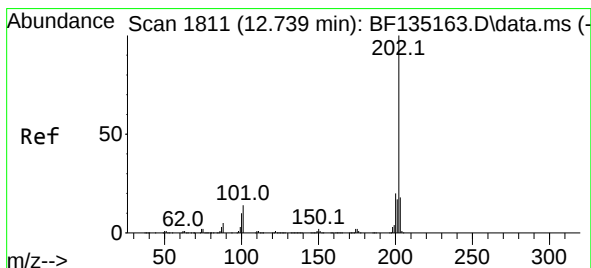
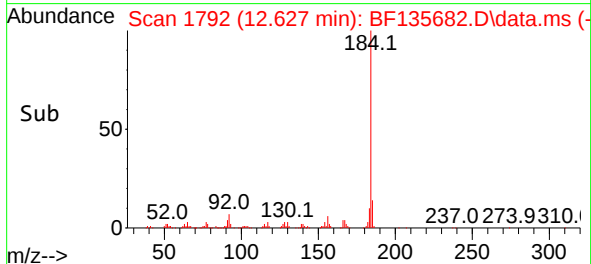
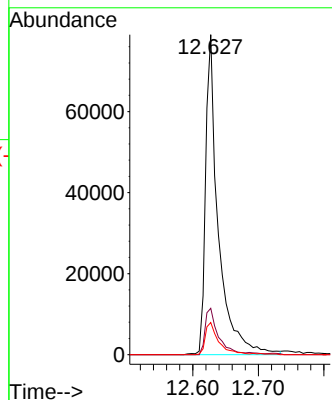
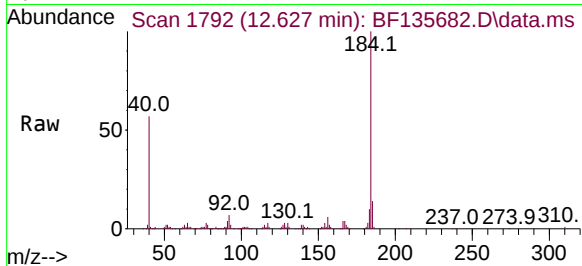




#77  
Benzidine  
Concen: 32.104 ng  
RT: 12.627 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BF135682.D  
Acq: 10 Oct 2023 13:50

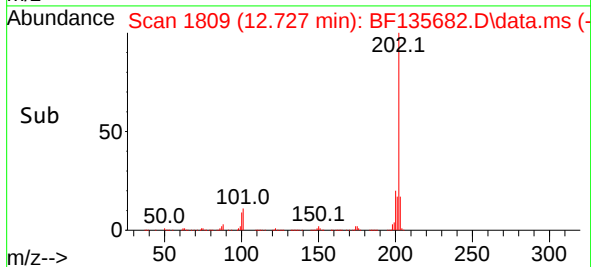
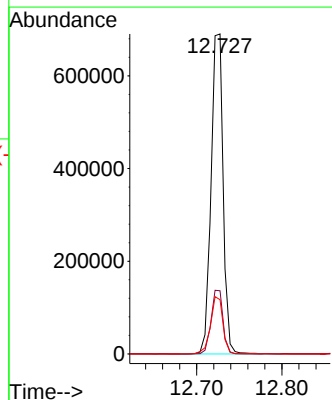
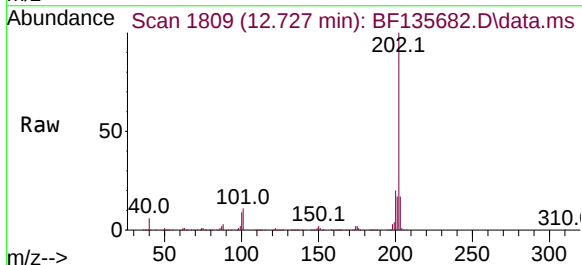
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion:184 Resp: 106611  
Ion Ratio Lower Upper  
184 100  
185 14.5 11.7 17.5  
183 10.0 8.2 12.4



#78  
Pyrene  
Concen: 44.033 ng  
RT: 12.727 min Scan# 1809  
Delta R.T. 0.000 min  
Lab File: BF135682.D  
Acq: 10 Oct 2023 13:50

Tgt Ion:202 Resp: 679552  
Ion Ratio Lower Upper  
202 100  
200 19.8 16.2 24.2  
203 17.0 14.2 21.4





#79

Terphenyl-d14

Concen: 87.849 ng

RT: 12.868 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF135682.D

Acq: 10 Oct 2023 13:50

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

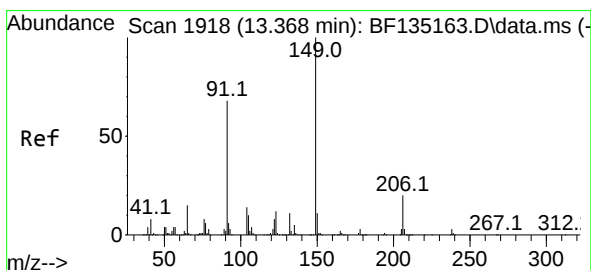
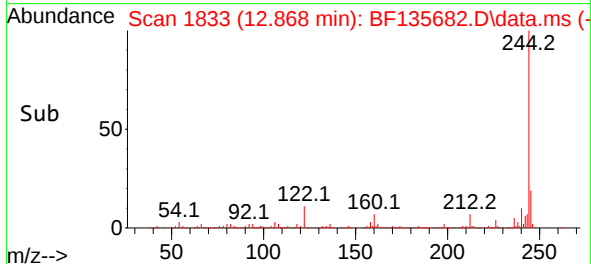
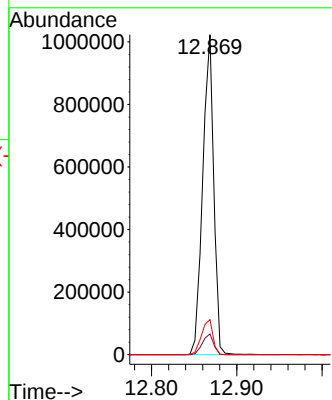
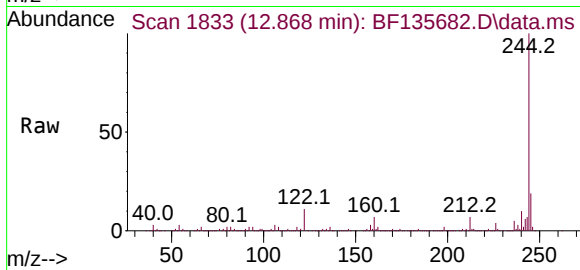
Tgt Ion:244 Resp: 918590

Ion Ratio Lower Upper

244 100

212 6.5 5.1 7.7

122 10.9 7.9 11.9



#80

Butylbenzylphthalate

Concen: 44.518 ng

RT: 13.345 min Scan# 1914

Delta R.T. -0.000 min

Lab File: BF135682.D

Acq: 10 Oct 2023 13:50

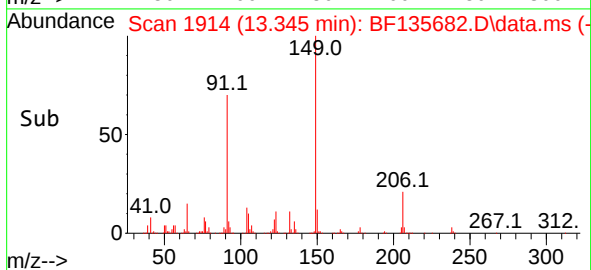
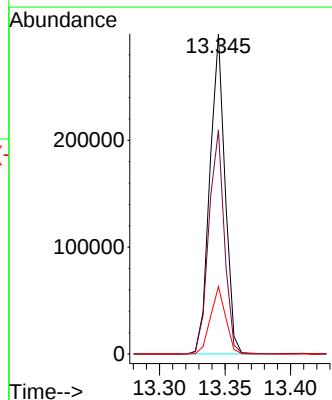
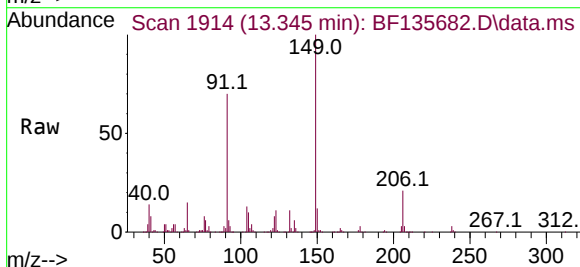
Tgt Ion:149 Resp: 241896

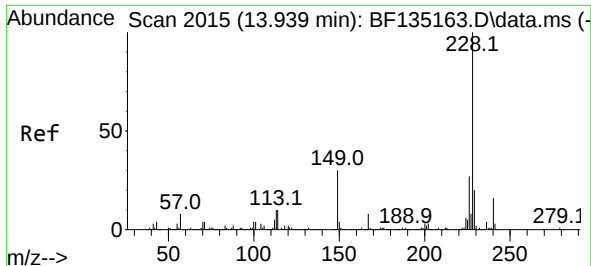
Ion Ratio Lower Upper

149 100

91 70.0 54.7 82.1

206 21.1 16.3 24.5

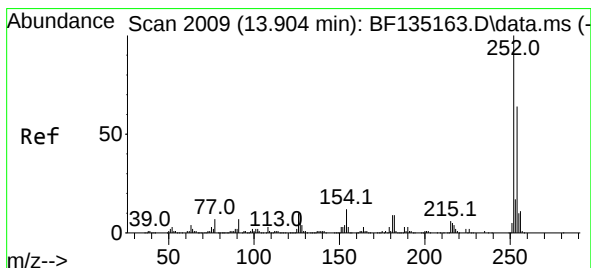
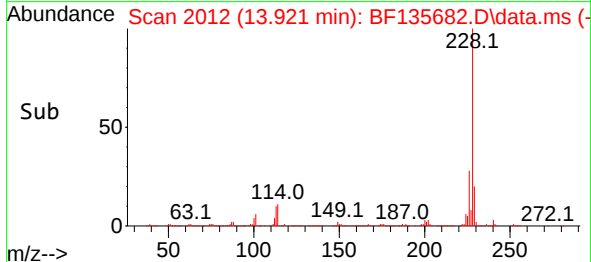
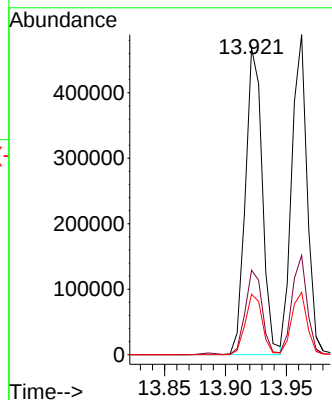
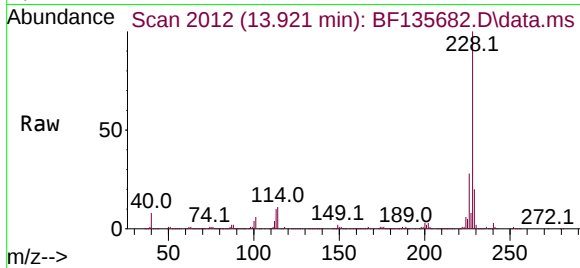




#81  
Benzo(a)anthracene  
Concen: 43.387 ng  
RT: 13.921 min Scan# 2015  
Delta R.T. -0.006 min  
Lab File: BF135682.D  
Acq: 10 Oct 2023 13:50

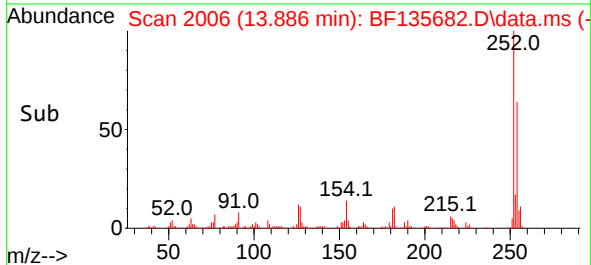
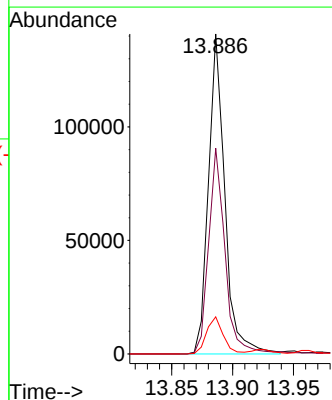
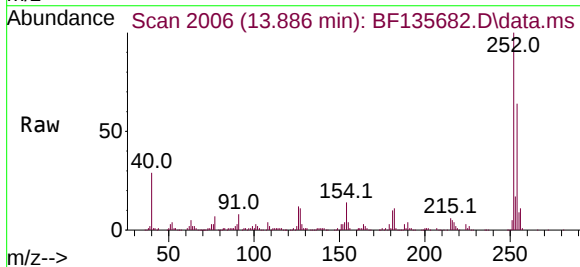
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

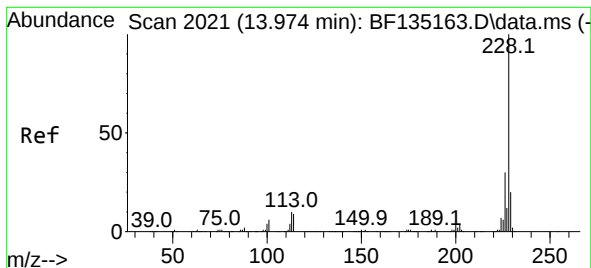
Tgt Ion:228 Resp: 454128  
Ion Ratio Lower Upper  
228 100  
226 27.5 21.7 32.5  
229 19.8 15.8 23.8



#82  
3,3'-Dichlorobenzidine  
Concen: 40.162 ng  
RT: 13.886 min Scan# 2006  
Delta R.T. 0.000 min  
Lab File: BF135682.D  
Acq: 10 Oct 2023 13:50

Tgt Ion:252 Resp: 131307  
Ion Ratio Lower Upper  
252 100  
254 64.3 51.0 76.4  
126 11.6 7.8 11.8





#83

Chrysene

Concen: 41.302 ng

RT: 13.963 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF135682.D

Acq: 10 Oct 2023 13:50

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

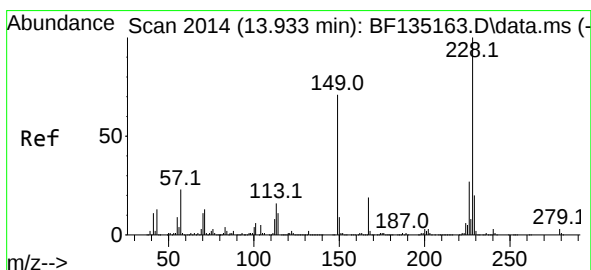
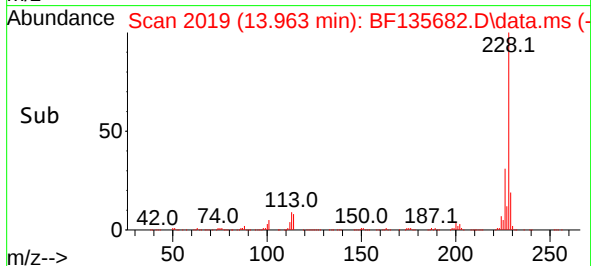
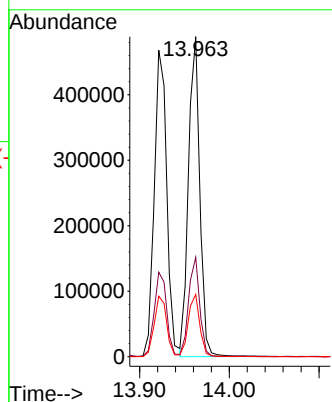
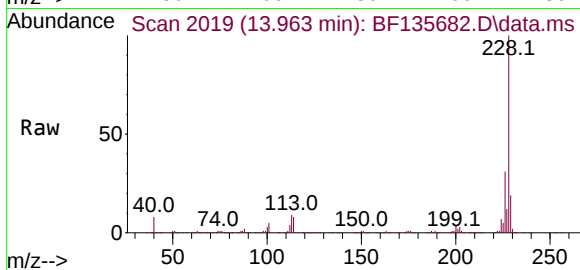
Tgt Ion:228 Resp: 429810

Ion Ratio Lower Upper

228 100

226 31.0 24.3 36.5

229 19.4 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.252 ng

RT: 13.904 min Scan# 2009

Delta R.T. -0.006 min

Lab File: BF135682.D

Acq: 10 Oct 2023 13:50

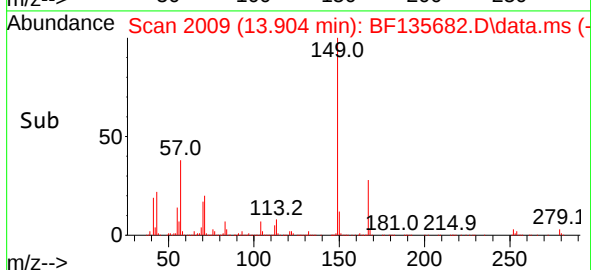
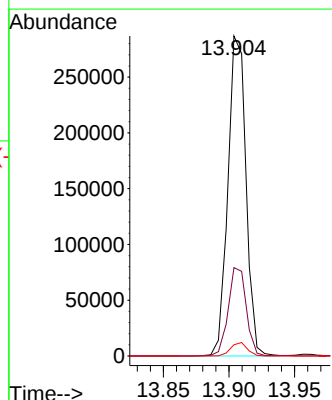
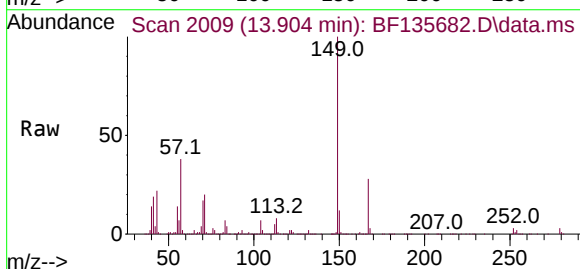
Tgt Ion:149 Resp: 274622

Ion Ratio Lower Upper

149 100

167 27.6 21.9 32.9

279 3.5 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 45.578 ng

RT: 14.521 min Scan# 2114

Delta R.T. -0.006 min

Lab File: BF135682.D

Acq: 10 Oct 2023 13:50

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

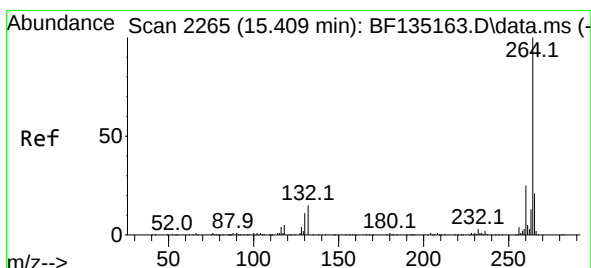
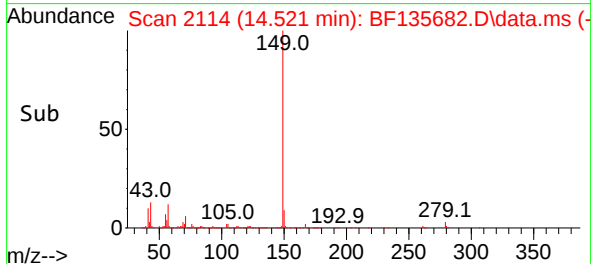
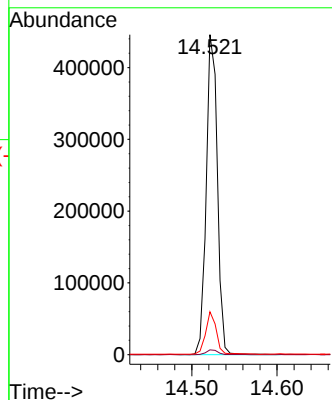
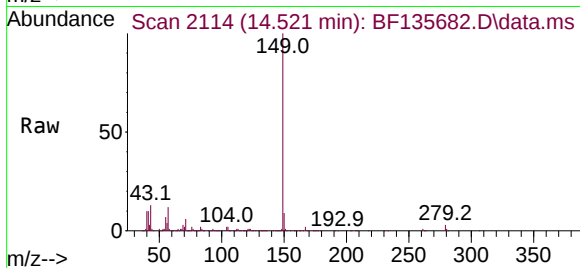
Tgt Ion:149 Resp: 403870

Ion Ratio Lower Upper

149 100

167 1.6 1.1 1.7

43 12.8 9.8 14.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.404 min Scan# 2264

Delta R.T. 0.000 min

Lab File: BF135682.D

Acq: 10 Oct 2023 13:50

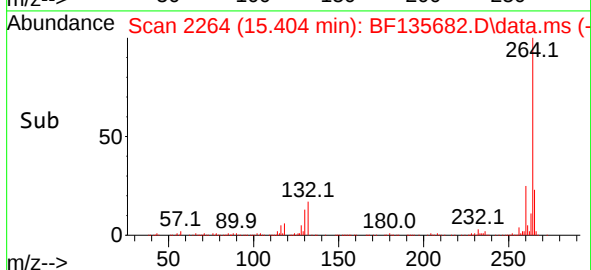
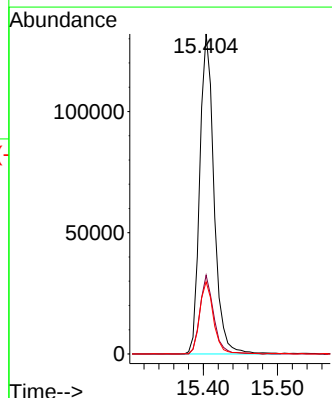
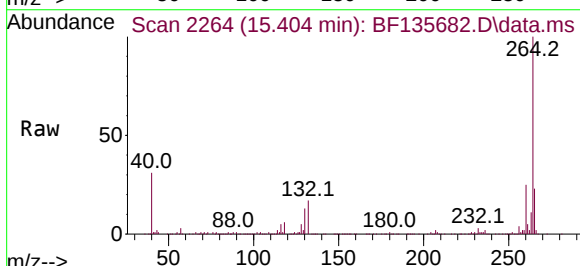
Tgt Ion:264 Resp: 175763

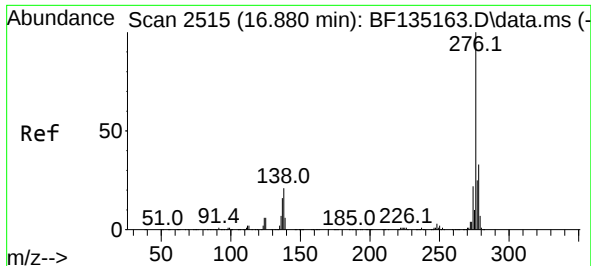
Ion Ratio Lower Upper

264 100

260 24.6 19.8 29.6

265 22.5 17.0 25.4

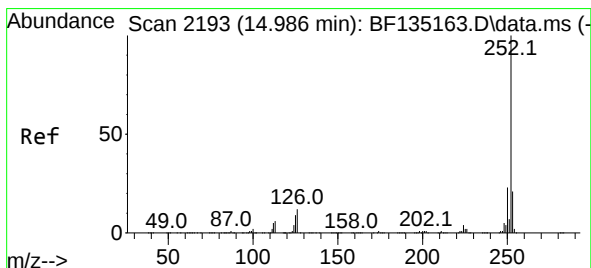
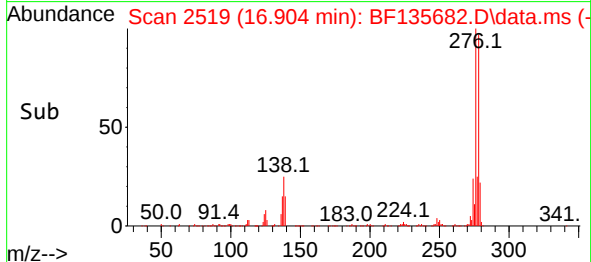
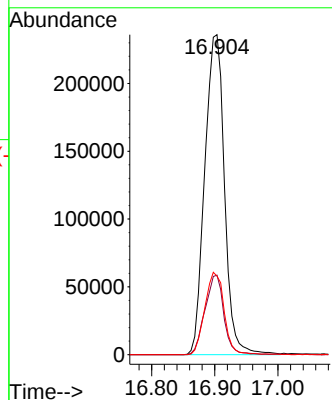
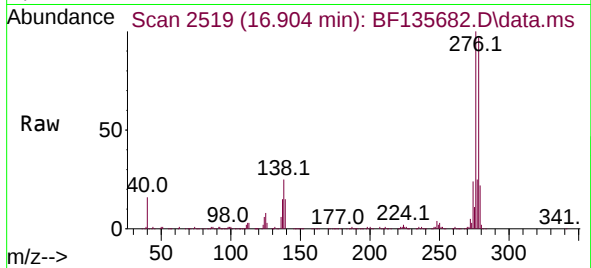




#87  
Indeno(1,2,3-cd)pyrene  
Concen: 44.524 ng  
RT: 16.904 min Scan# 2119  
Delta R.T. 0.000 min  
Lab File: BF135682.D  
Acq: 10 Oct 2023 13:50

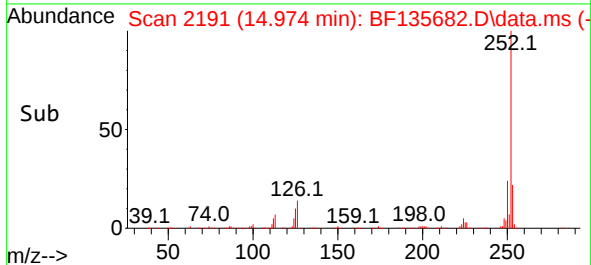
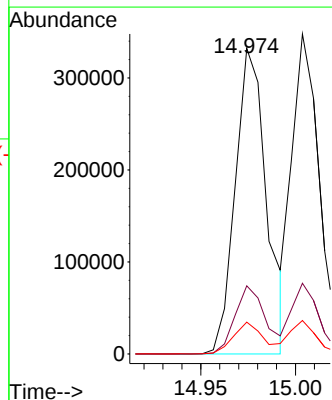
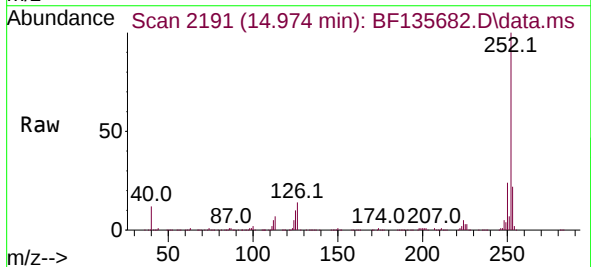
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

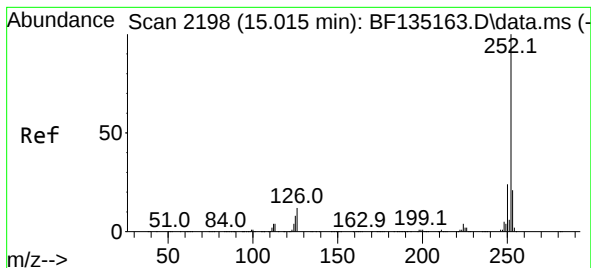
Tgt Ion:276 Resp: 513099  
Ion Ratio Lower Upper  
276 100  
138 23.8 19.2 28.8  
277 25.3 19.7 29.5



#88  
Benzo(b)fluoranthene  
Concen: 40.179 ng  
RT: 14.974 min Scan# 2191  
Delta R.T. -0.006 min  
Lab File: BF135682.D  
Acq: 10 Oct 2023 13:50

Tgt Ion:252 Resp: 382293  
Ion Ratio Lower Upper  
252 100  
253 22.3 17.2 25.8  
125 10.4 7.1 10.7





#89

Benzo(k)fluoranthene

Concen: 37.757 ng

RT: 15.004 min Scan# 2198

Delta R.T. -0.000 min

Lab File: BF135682.D

Acq: 10 Oct 2023 13:50

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

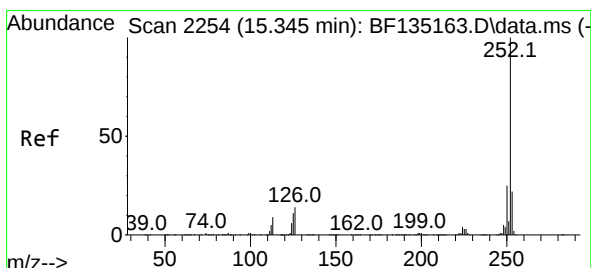
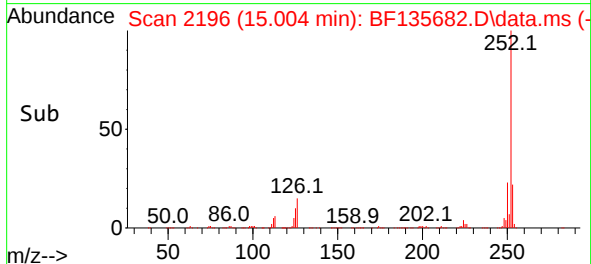
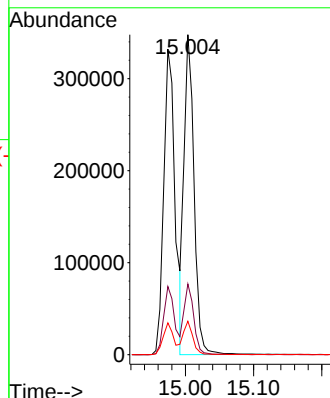
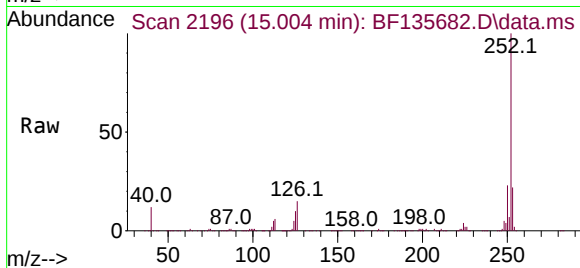
Tgt Ion:252 Resp: 354872

Ion Ratio Lower Upper

252 100

253 22.1 17.4 26.0

125 10.4 7.2 10.8



#90

Benzo(a)pyrene

Concen: 41.691 ng

RT: 15.345 min Scan# 2254

Delta R.T. 0.000 min

Lab File: BF135682.D

Acq: 10 Oct 2023 13:50

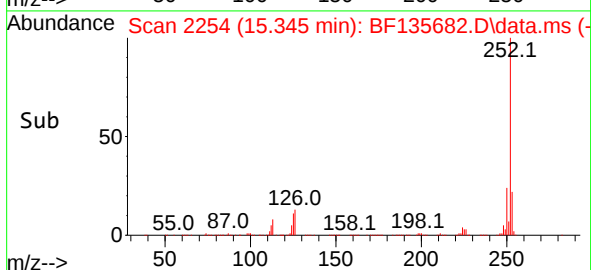
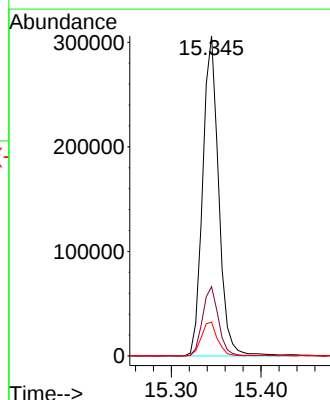
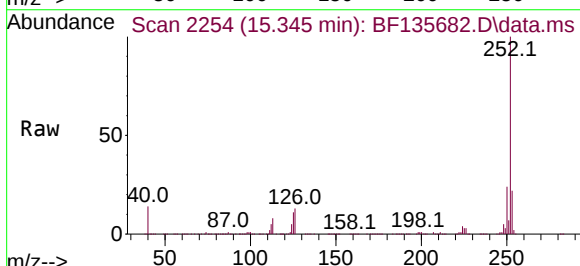
Tgt Ion:252 Resp: 378288

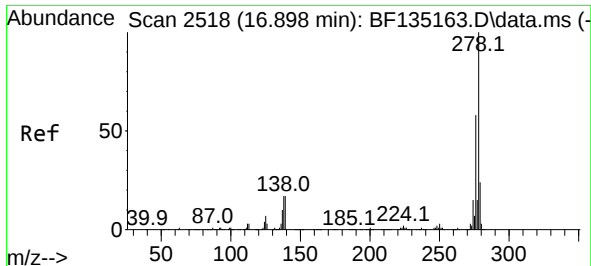
Ion Ratio Lower Upper

252 100

253 21.6 17.5 26.3

125 10.6 9.2 13.8





#91

Dibenzo(a,h)anthracene

Concen: 44.718 ng

RT: 16.904 min Scan# 2518

Delta R.T. -0.006 min

Lab File: BF135682.D

Acq: 10 Oct 2023 13:50

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

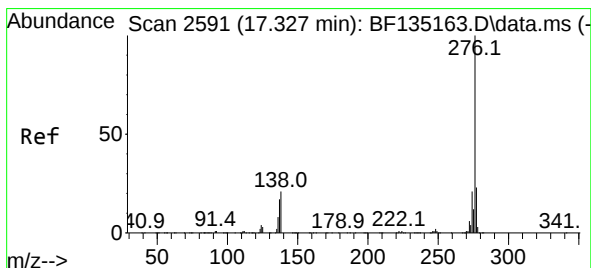
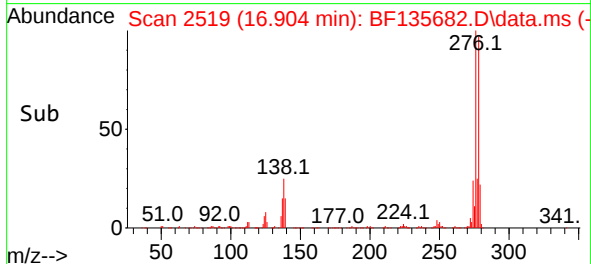
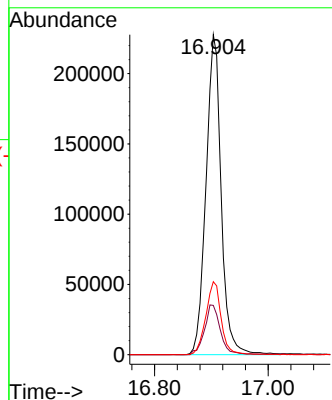
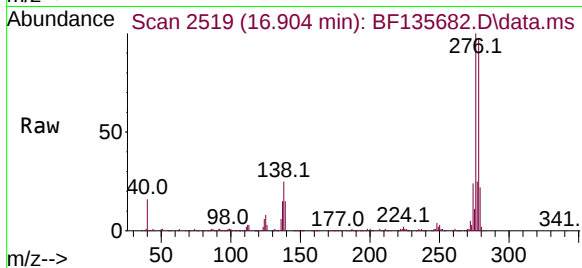
Tgt Ion:278 Resp: 421663

Ion Ratio Lower Upper

278 100

139 15.4 13.4 20.0

279 22.8 19.0 28.6



#92

Benzo(g,h,i)perylene

Concen: 45.363 ng

RT: 17.351 min Scan# 2595

Delta R.T. 0.000 min

Lab File: BF135682.D

Acq: 10 Oct 2023 13:50

Tgt Ion:276 Resp: 446715

Ion Ratio Lower Upper

276 100

277 24.6 18.8 28.2

138 20.3 16.9 25.3

