

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF091223\  
 Data File : BF135179.D  
 Acq On : 12 Sep 2023 13:46  
 Operator : CG\JU  
 Sample : 04203-07MS  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-8(12-12.5)MS

Quant Time: Sep 13 02:02:58 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF091123.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Sep 12 00:19:07 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.763  | 152  | 101248   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.039  | 136  | 387365   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.798  | 164  | 198081   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.292 | 188  | 380018   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 13.945 | 240  | 184840   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 15.404 | 264  | 216769   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.398  | 112  | 618895   | 99.419  | ng    | 0.01     |
| 7) Phenol-d6                  | 6.404  | 99   | 793200   | 100.207 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.328  | 82   | 498016   | 69.849  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.598 | 330  | 219214   | 111.364 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.122  | 172  | 877062   | 66.803  | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.886 | 244  | 824340   | 69.135  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.557  | 88   | 117994   | 43.238  | ng    | 99       |
| 3) Pyridine                   | 3.298  | 79   | 291329   | 39.665  | ng    | 98       |
| 4) n-Nitrosodimethylamine     | 3.263  | 42   | 192808   | 49.470  | ng    | 98       |
| 6) Aniline                    | 6.428  | 93   | 357872   | 34.477  | ng    | # 92     |
| 8) 2-Chlorophenol             | 6.551  | 128  | 332277   | 50.002  | ng    | 95       |
| 9) Benzaldehyde               | 6.316  | 77   | 124275   | 27.559  | ng    | 99       |
| 10) Phenol                    | 6.422  | 94   | 409490   | 47.178  | ng    | 92       |
| 11) bis(2-Chloroethyl)ether   | 6.504  | 93   | 311952   | 47.913  | ng    | 99       |
| 12) 1,3-Dichlorobenzene       | 6.704  | 146  | 329707   | 48.820  | ng    | 98       |
| 13) 1,4-Dichlorobenzene       | 6.781  | 146  | 336075   | 48.911  | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 6.928  | 146  | 316669   | 49.628  | ng    | 99       |
| 15) Benzyl Alcohol            | 6.910  | 79   | 287032   | 50.533  | ng    | 98       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.039  | 45   | 578689   | 47.154  | ng    | 97       |
| 17) 2-Methylphenol            | 7.022  | 107  | 263465   | 44.927  | ng    | 98       |
| 18) Hexachloroethane          | 7.269  | 117  | 126827   | 49.955  | ng    | 95       |
| 19) n-Nitroso-di-n-propyla... | 7.181  | 70   | 219132   | 44.694  | ng    | 96       |
| 20) 3+4-Methylphenols         | 7.175  | 107  | 313840   | 44.507  | ng    | 96       |
| 22) Acetophenone              | 7.175  | 105  | 435594   | 49.185  | ng    | 98       |
| 24) Nitrobenzene              | 7.345  | 77   | 347052   | 49.247  | ng    | 100      |
| 25) Isophorone                | 7.586  | 82   | 640676   | 48.935  | ng    | 99       |
| 26) 2-Nitrophenol             | 7.663  | 139  | 176764   | 52.262  | ng    | 97       |
| 27) 2,4-Dimethylphenol        | 7.704  | 122  | 268013   | 47.142  | ng    | 98       |
| 28) bis(2-Chloroethoxy)met... | 7.798  | 93   | 387462   | 49.445  | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 7.904  | 162  | 269905   | 51.235  | ng    | 98       |
| 30) 1,2,4-Trichlorobenzene    | 7.981  | 180  | 280877   | 51.010  | ng    | 97       |
| 31) Naphthalene               | 8.063  | 128  | 926271   | 49.215  | ng    | 100      |
| 32) Benzoic acid              | 7.845  | 122  | 218844   | 51.120  | ng    | 98       |
| 33) 4-Chloroaniline           | 8.116  | 127  | 270791   | 32.793  | ng    | 98       |
| 34) Hexachlorobutadiene       | 8.181  | 225  | 165786   | 49.933  | ng    | 100      |
| 35) Caprolactam               | 8.498  | 113  | 50018    | 28.290  | ng    | 98       |
| 36) 4-Chloro-3-methylphenol   | 8.604  | 107  | 300584   | 51.338  | ng    | 99       |
| 37) 2-Methylnaphthalene       | 8.757  | 142  | 597589   | 47.235  | ng    | 98       |
| 38) 1-Methylnaphthalene       | 8.857  | 142  | 565724   | 47.762  | ng    | 97       |
| 40) 1,2,4,5-Tetrachloroben... | 8.922  | 216  | 282029   | 49.146  | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 8.910  | 237  | 250020   | 97.135  | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 9.039  | 196  | 191251   | 50.901  | ng    | 99       |

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 SB-8(12-12.5)MS

Quant Time: Sep 13 02:02:58 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF091123.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Sep 12 00:19:07 2023  
 Response via : Initial Calibration

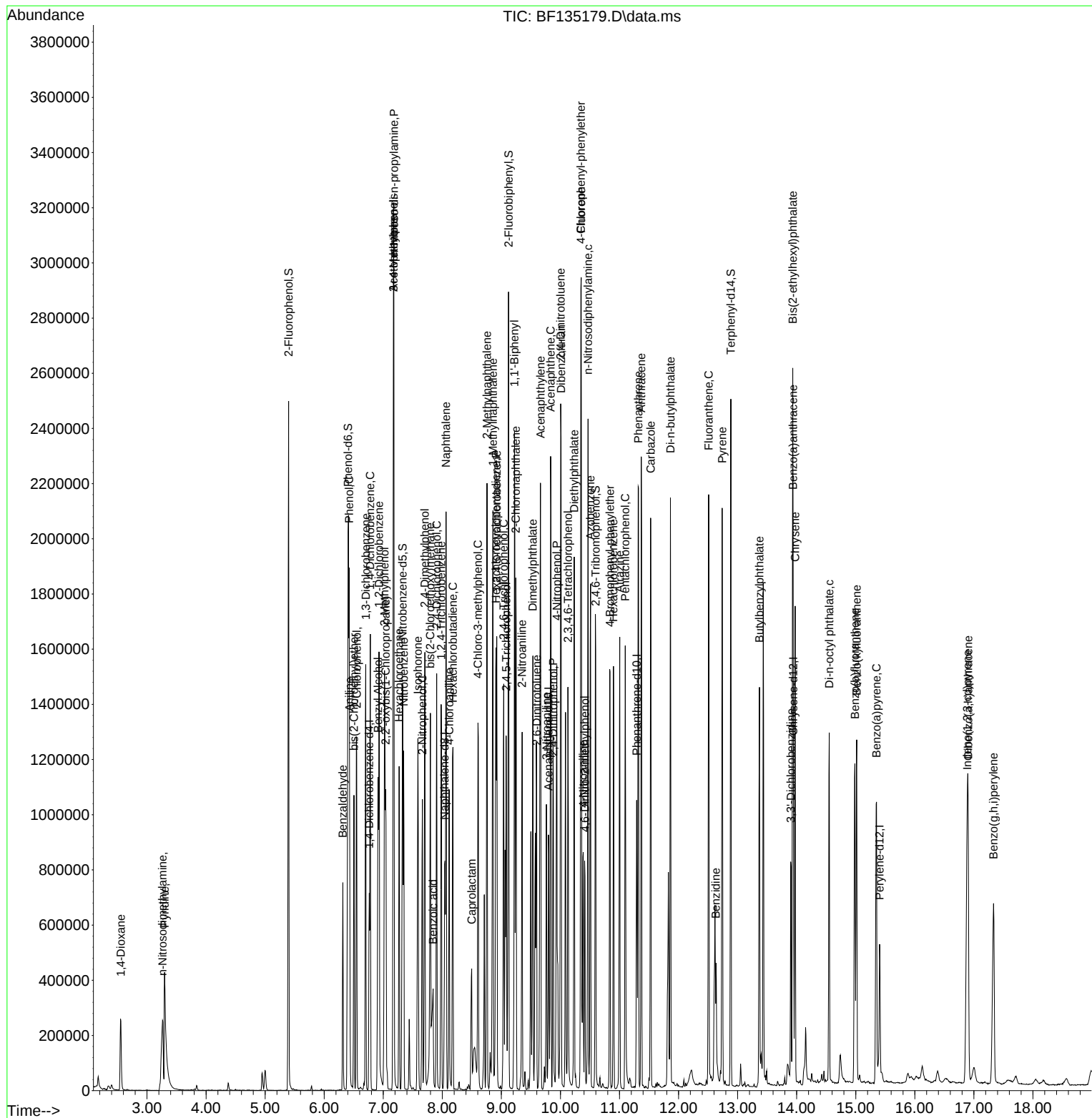
| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.080  | 196  | 210713   | 48.698  | ng    | 95       |
| 46) 1,1'-Biphenyl             | 9.222  | 154  | 755332   | 49.620  | ng    | 99       |
| 47) 2-Chloronaphthalene       | 9.245  | 162  | 561971   | 50.882  | ng    | 98       |
| 48) 2-Nitroaniline            | 9.351  | 65   | 215953   | 50.329  | ng    | 99       |
| 49) Acenaphthylene            | 9.663  | 152  | 925338   | 50.412  | ng    | 100      |
| 50) Dimethylphthalate         | 9.533  | 163  | 659797   | 49.267  | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 9.598  | 165  | 149978   | 51.121  | ng    | # 81     |
| 52) Acenaphthene              | 9.833  | 154  | 535859   | 49.418  | ng    | 98       |
| 53) 3-Nitroaniline            | 9.763  | 138  | 138578   | 40.240  | ng    | 100      |
| 54) 2,4-Dinitrophenol         | 9.880  | 184  | 164479   | 97.291  | ng    | 90       |
| 55) Dibenzofuran              | 10.010 | 168  | 806943   | 48.767  | ng    | 99       |
| 56) 4-Nitrophenol             | 9.939  | 139  | 239041   | 109.215 | ng    | 98       |
| 57) 2,4-Dinitrotoluene        | 10.004 | 165  | 183268   | 49.898  | ng    | 94       |
| 58) Fluorene                  | 10.351 | 166  | 623001   | 48.976  | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol | 10.127 | 232  | 174476   | 52.420  | ng    | 99       |
| 60) Diethylphthalate          | 10.233 | 149  | 658135   | 48.967  | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 10.345 | 204  | 294011   | 48.116  | ng    | 99       |
| 62) 4-Nitroaniline            | 10.386 | 138  | 161797   | 48.876  | ng    | 98       |
| 63) Azobenzene                | 10.510 | 77   | 651798   | 49.551  | ng    | 99       |
| 65) 4,6-Dinitro-2-methylph... | 10.416 | 198  | 104721   | 51.883  | ng    | 84       |
| 66) n-Nitrosodiphenylamine    | 10.469 | 169  | 566792   | 49.265  | ng    | 100      |
| 67) 4-Bromophenyl-phenylether | 10.839 | 248  | 189843   | 50.229  | ng    | 99       |
| 68) Hexachlorobenzene         | 10.898 | 284  | 207538   | 53.899  | ng    | # 91     |
| 69) Atrazine                  | 11.004 | 200  | 174487   | 56.365  | ng    | 98       |
| 70) Pentachlorophenol         | 11.098 | 266  | 196467   | 85.281  | ng    | 98       |
| 71) Phenanthrene              | 11.321 | 178  | 893483   | 49.712  | ng    | 99       |
| 72) Anthracene                | 11.369 | 178  | 918469   | 49.715  | ng    | 99       |
| 73) Carbazole                 | 11.527 | 167  | 848134   | 50.431  | ng    | 99       |
| 74) Di-n-butylphthalate       | 11.863 | 149  | 990166   | 49.965  | ng    | 100      |
| 75) Fluoranthene              | 12.510 | 202  | 888521   | 47.444  | ng    | 100      |
| 77) Benzidine                 | 12.633 | 184  | 153401   | 40.510  | ng    | 98       |
| 78) Pyrene                    | 12.739 | 202  | 881238   | 50.076  | ng    | 100      |
| 80) Butylbenzylphthalate      | 13.368 | 149  | 314208   | 50.711  | ng    | 99       |
| 81) Benzo(a)anthracene        | 13.939 | 228  | 594936   | 49.845  | ng    | 98       |
| 82) 3,3'-Dichlorobenzidine    | 13.904 | 252  | 174770   | 46.879  | ng    | 100      |
| 83) Chrysene                  | 13.974 | 228  | 572497   | 48.244  | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 13.933 | 149  | 342676   | 53.895  | ng    | 99       |
| 85) Di-n-octyl phthalate      | 14.551 | 149  | 591090   | 58.498  | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 16.886 | 276  | 723058   | 50.874  | ng    | 99       |
| 88) Benzo(b)fluoranthene      | 14.986 | 252  | 602783   | 51.368  | ng    | 100      |
| 89) Benzo(k)fluoranthene      | 15.015 | 252  | 546531   | 47.149  | ng    | 99       |
| 90) Benzo(a)pyrene            | 15.351 | 252  | 538552   | 48.126  | ng    | 98       |
| 91) Dibenzo(a,h)anthracene    | 16.903 | 278  | 588225   | 50.582  | ng    | 98       |
| 92) Benzo(g,h,i)perylene      | 17.333 | 276  | 585867   | 48.239  | ng    | 98       |

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

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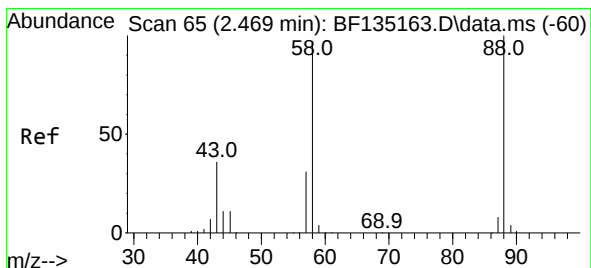
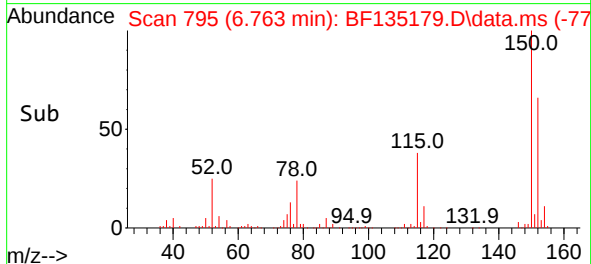
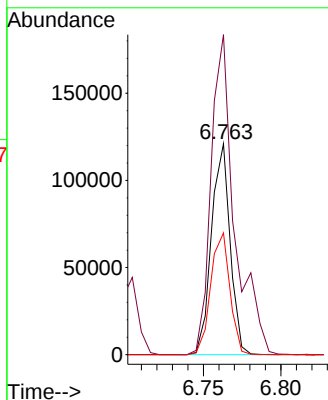
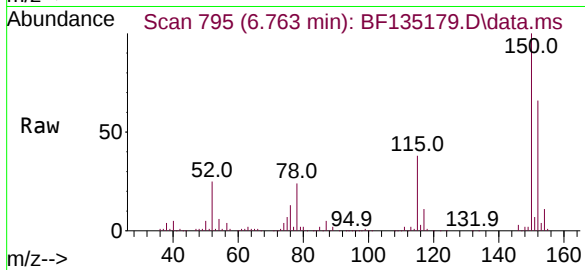




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.763 min Scan# 79  
 Delta R.T. -0.000 min  
 Lab File: BF135179.D  
 Acq: 12 Sep 2023 13:46

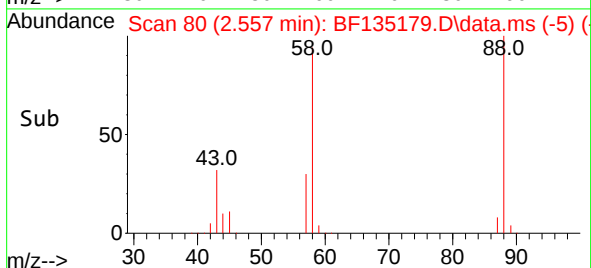
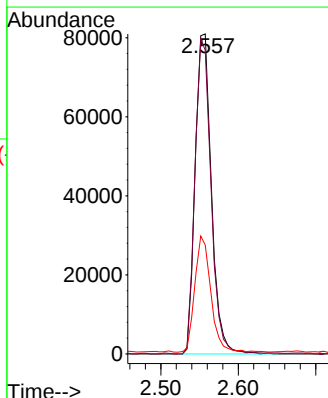
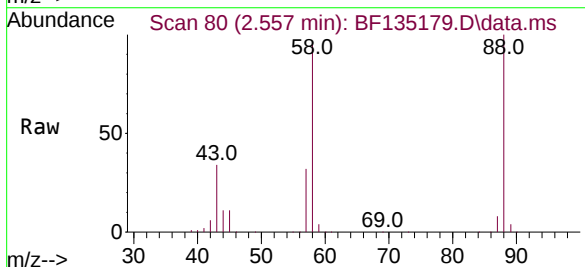
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-8(12-12.5)MS

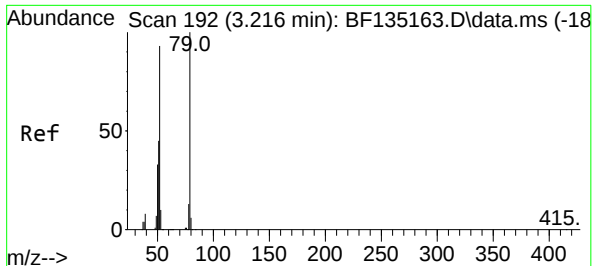
Tgt Ion:152 Resp: 101248  
 Ion Ratio Lower Upper  
 152 100  
 150 151.8 127.8 191.6  
 115 57.8 49.8 74.8



#2  
 1,4-Dioxane  
 Concen: 43.238 ng  
 RT: 2.557 min Scan# 80  
 Delta R.T. 0.088 min  
 Lab File: BF135179.D  
 Acq: 12 Sep 2023 13:46

Tgt Ion: 88 Resp: 117994  
 Ion Ratio Lower Upper  
 88 100  
 58 97.5 78.3 117.5  
 43 36.0 29.4 44.0

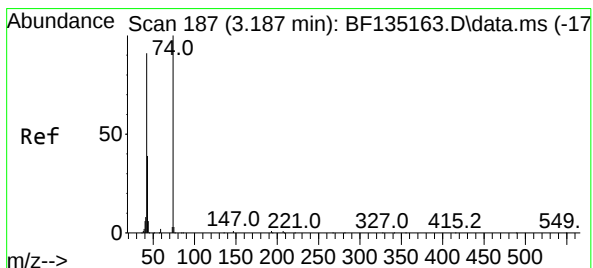
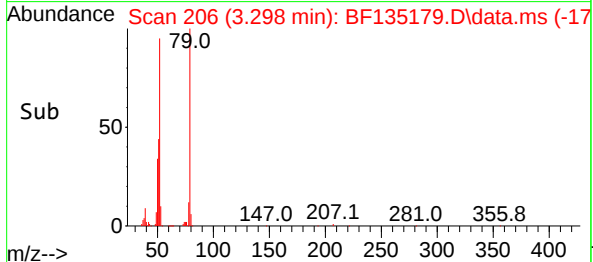
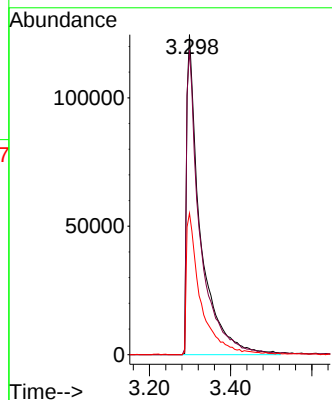
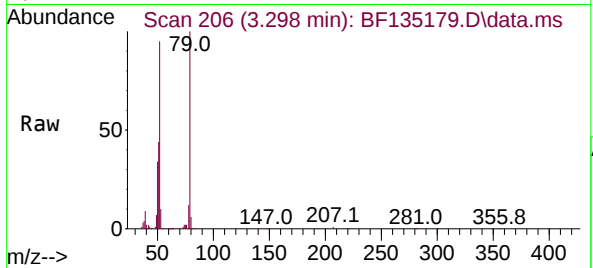




#3  
 Pyridine  
 Concen: 39.665 ng  
 RT: 3.298 min Scan# 20  
 Delta R.T. 0.082 min  
 Lab File: BF135179.D  
 Acq: 12 Sep 2023 13:46

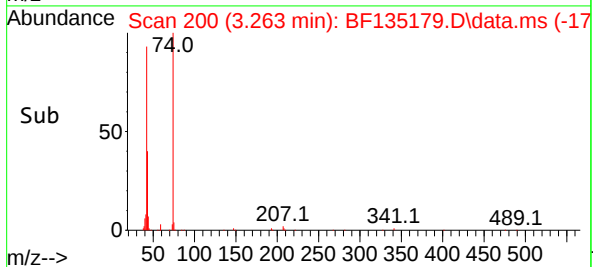
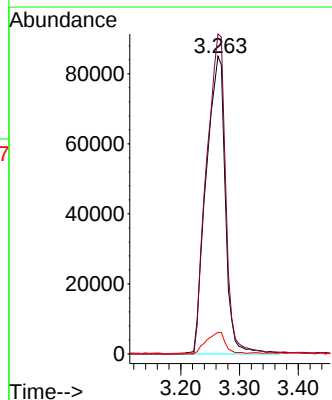
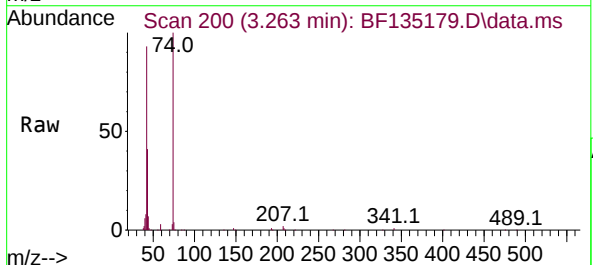
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-8(12-12.5)MS

Tgt Ion: 79 Resp: 291329  
 Ion Ratio Lower Upper  
 79 100  
 52 95.2 74.1 111.1  
 51 44.2 35.8 53.8



#4  
 n-Nitrosodimethylamine  
 Concen: 49.470 ng  
 RT: 3.263 min Scan# 200  
 Delta R.T. 0.077 min  
 Lab File: BF135179.D  
 Acq: 12 Sep 2023 13:46

Tgt Ion: 42 Resp: 192808  
 Ion Ratio Lower Upper  
 42 100  
 74 107.5 87.7 131.5  
 44 7.3 5.6 8.4

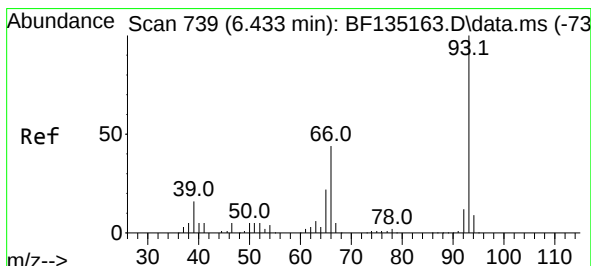
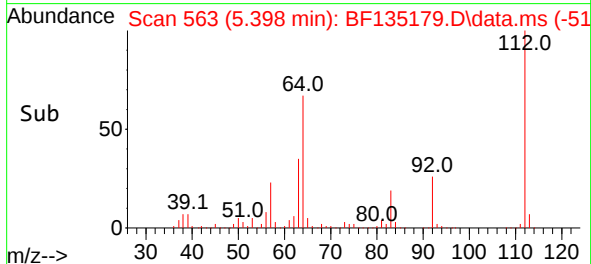
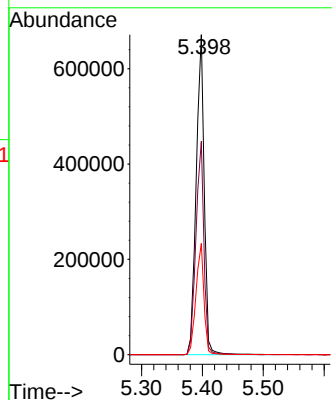
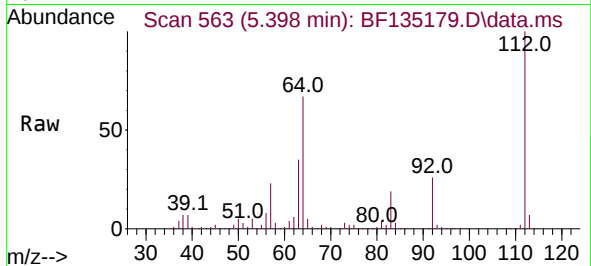




#5  
2-Fluorophenol  
Concen: 99.419 ng  
RT: 5.398 min Scan# 501  
Delta R.T. 0.012 min  
Lab File: BF135179.D  
Acq: 12 Sep 2023 13:46

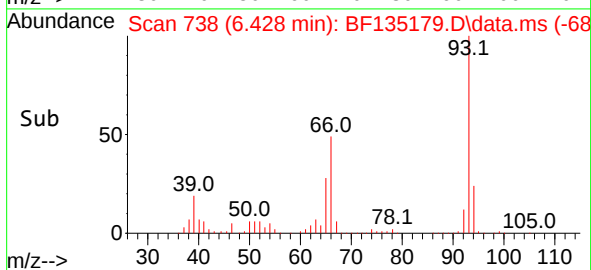
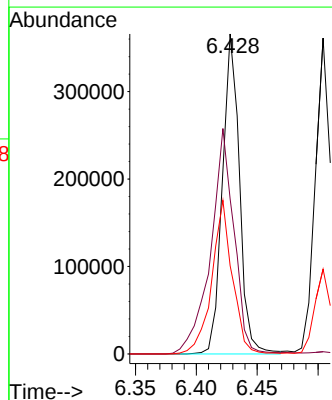
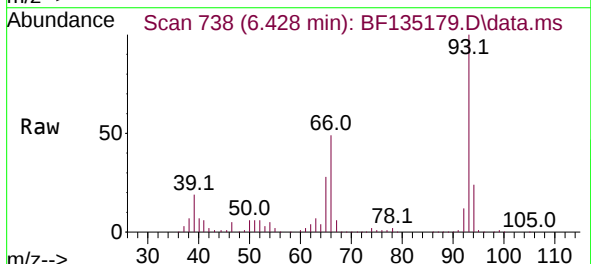
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Tgt Ion:112 Resp: 618895  
Ion Ratio Lower Upper  
112 100  
64 66.7 55.9 83.9  
63 34.8 29.0 43.6



#6  
Aniline  
Concen: 34.477 ng  
RT: 6.428 min Scan# 738  
Delta R.T. -0.006 min  
Lab File: BF135179.D  
Acq: 12 Sep 2023 13:46

Tgt Ion: 93 Resp: 357872  
Ion Ratio Lower Upper  
93 100  
66 48.5 35.4 53.0  
65 27.6 17.8 26.8#

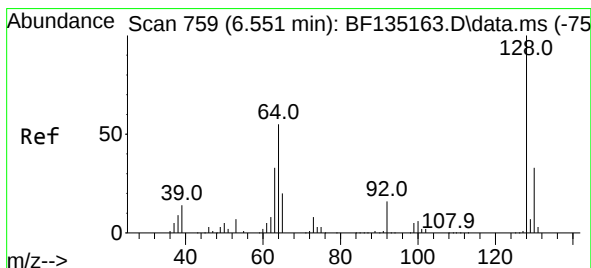
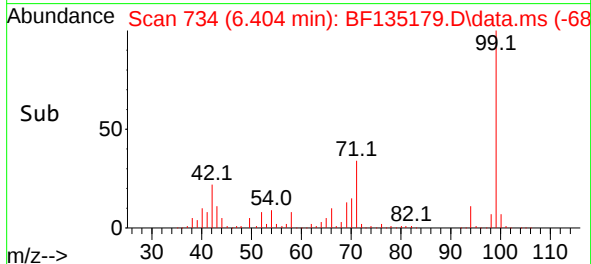
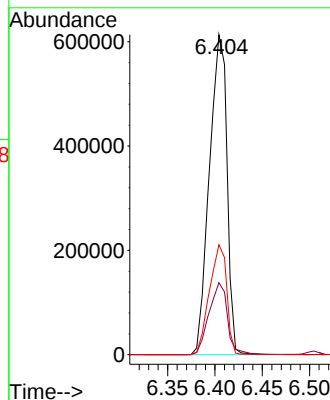
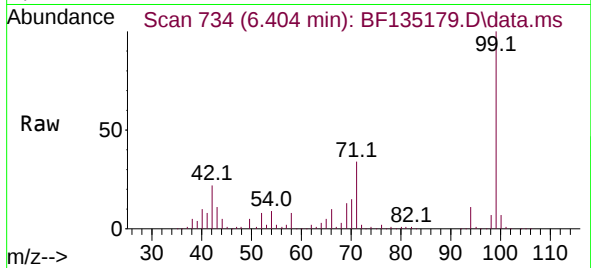




#7  
Phenol-d6  
Concen: 100.207 ng  
RT: 6.404 min Scan# 71  
Delta R.T. 0.000 min  
Lab File: BF135179.D  
Acq: 12 Sep 2023 13:46

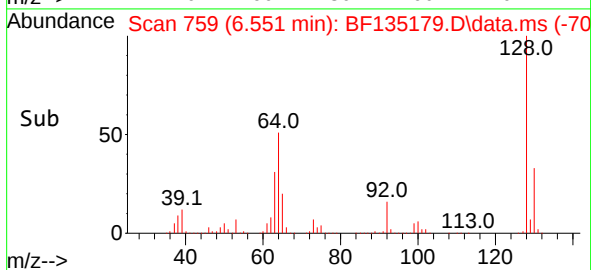
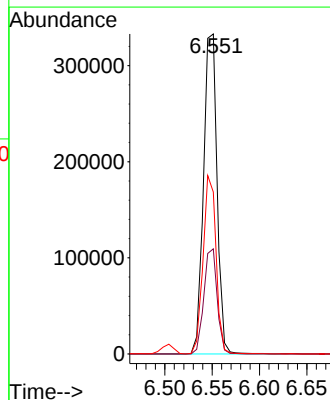
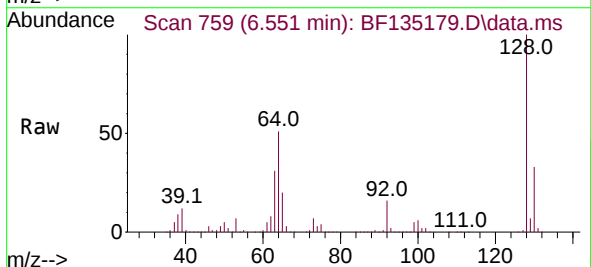
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Tgt Ion: 99 Resp: 793200  
Ion Ratio Lower Upper  
99 100  
42 22.5 17.9 26.9  
71 34.3 27.0 40.6



#8  
2-Chlorophenol  
Concen: 50.002 ng  
RT: 6.551 min Scan# 759  
Delta R.T. 0.000 min  
Lab File: BF135179.D  
Acq: 12 Sep 2023 13:46

Tgt Ion:128 Resp: 332277  
Ion Ratio Lower Upper  
128 100  
130 32.9 12.7 52.7  
64 50.6 35.9 75.9





#9

Benzaldehyde

Concen: 27.559 ng

RT: 6.316 min Scan# 719

Delta R.T. -0.006 min

Lab File: BF135179.D

Acq: 12 Sep 2023 13:46

Instrument :

BNA\_F

ClientSampleId :

SB-8(12-12.5)MS

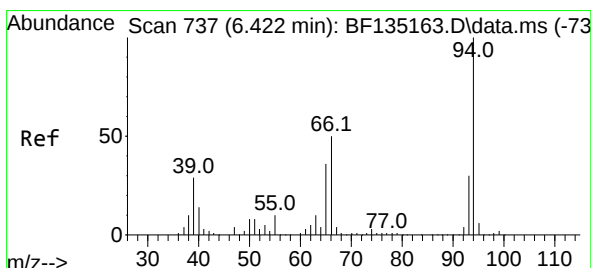
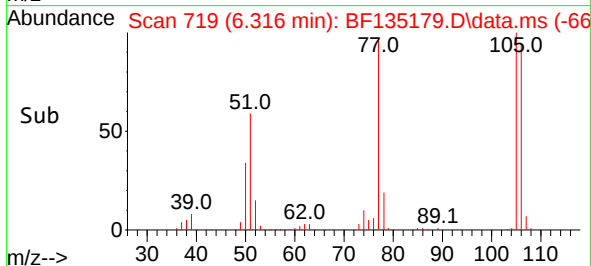
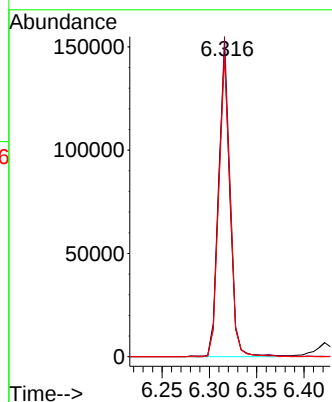
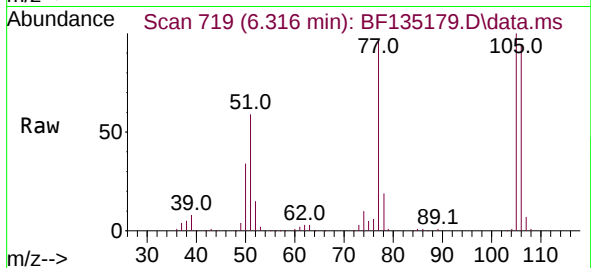
Tgt Ion: 77 Resp: 124275

Ion Ratio Lower Upper

77 100

105 103.6 81.4 121.4

106 97.3 76.9 116.9



#10

Phenol

Concen: 47.178 ng

RT: 6.422 min Scan# 737

Delta R.T. 0.000 min

Lab File: BF135179.D

Acq: 12 Sep 2023 13:46

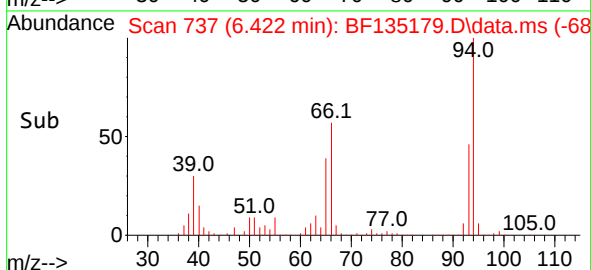
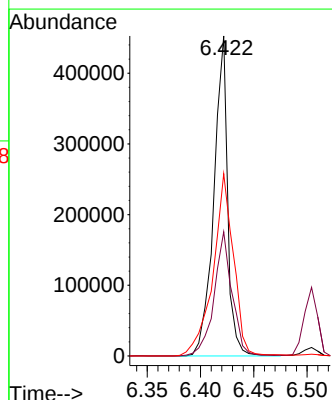
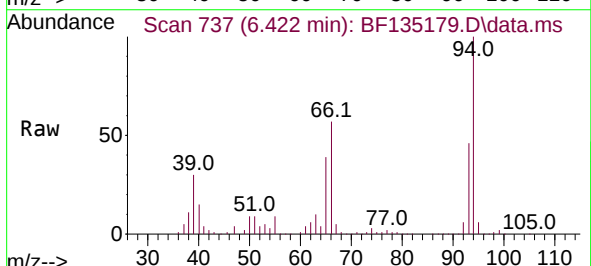
Tgt Ion: 94 Resp: 409490

Ion Ratio Lower Upper

94 100

65 38.8 15.9 55.9

66 57.0 29.8 69.8

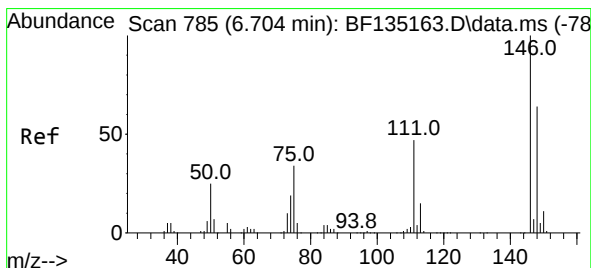
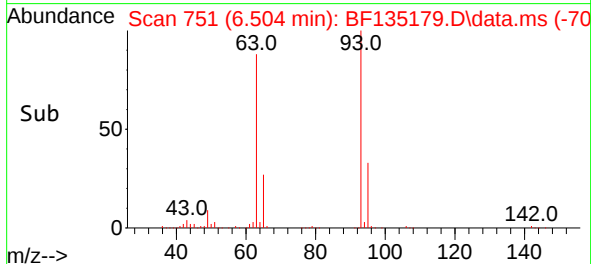
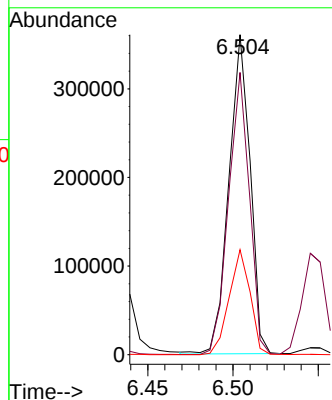
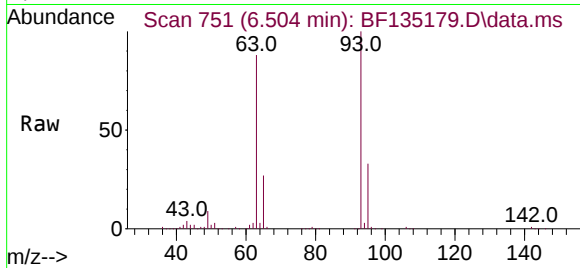




#11  
bis(2-Chloroethyl)ether  
Concen: 47.913 ng  
RT: 6.504 min Scan# 751  
Delta R.T. -0.006 min  
Lab File: BF135179.D  
Acq: 12 Sep 2023 13:46

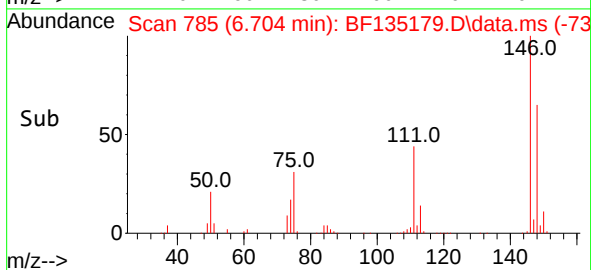
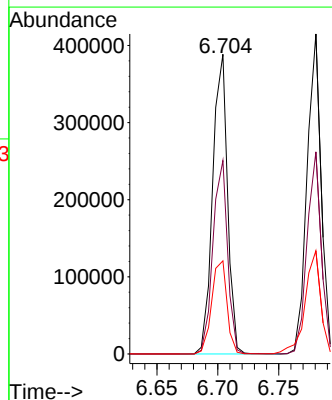
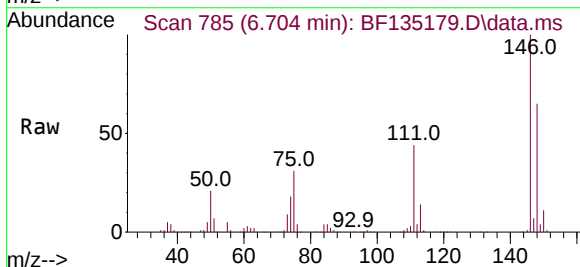
Instrument :  
BNA\_F  
ClientSampleId :  
SB-8(12-12.5)MS

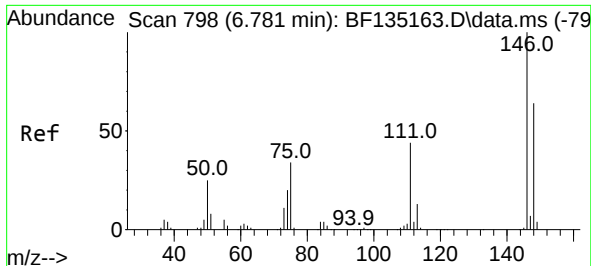
Tgt Ion: 93 Resp: 311952  
Ion Ratio Lower Upper  
93 100  
63 88.2 67.3 107.3  
95 32.8 12.7 52.7



#12  
1,3-Dichlorobenzene  
Concen: 48.820 ng  
RT: 6.704 min Scan# 785  
Delta R.T. 0.000 min  
Lab File: BF135179.D  
Acq: 12 Sep 2023 13:46

Tgt Ion:146 Resp: 329707  
Ion Ratio Lower Upper  
146 100  
148 64.5 51.3 76.9  
75 31.1 27.4 41.2





#13

1,4-Dichlorobenzene

Concen: 48.911 ng

RT: 6.781 min Scan# 798

Delta R.T. 0.000 min

Lab File: BF135179.D

Acq: 12 Sep 2023 13:46

Instrument :

BNA\_F

ClientSampleId :

SB-8(12-12.5)MS

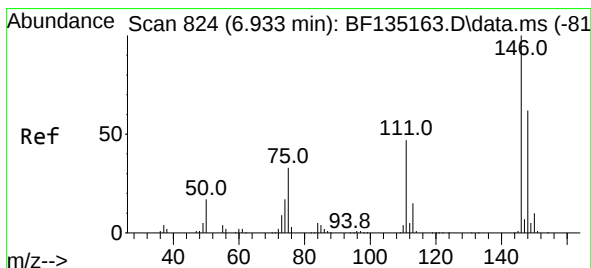
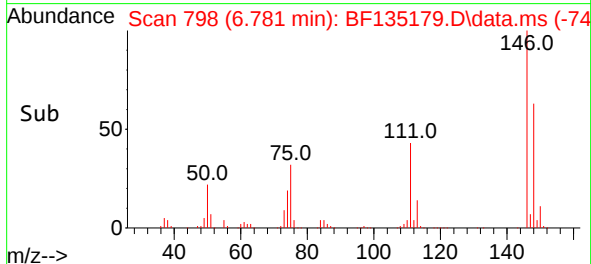
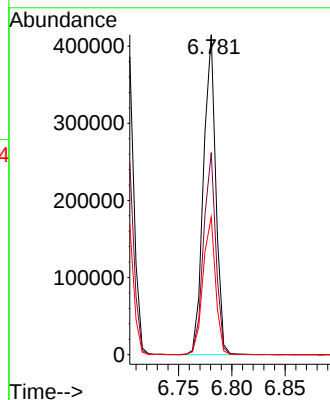
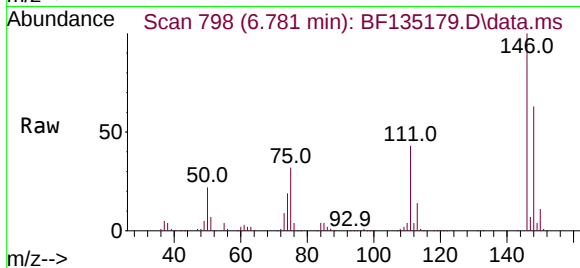
Tgt Ion:146 Resp: 336075

Ion Ratio Lower Upper

146 100

148 63.1 51.3 76.9

111 43.0 35.1 52.7



#14

1,2-Dichlorobenzene

Concen: 49.628 ng

RT: 6.928 min Scan# 823

Delta R.T. -0.006 min

Lab File: BF135179.D

Acq: 12 Sep 2023 13:46

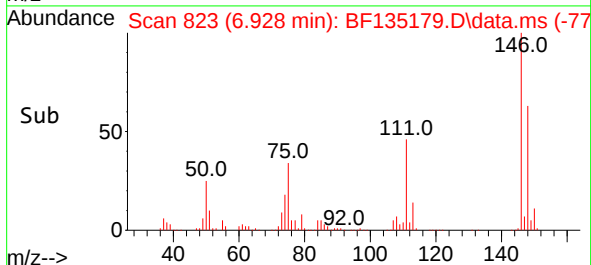
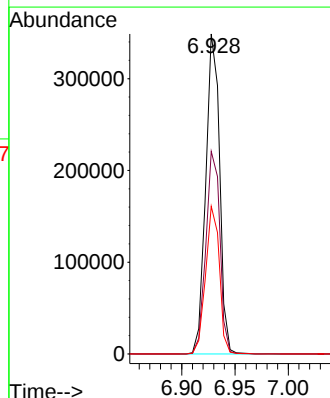
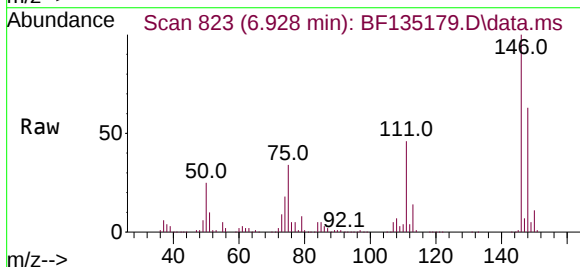
Tgt Ion:146 Resp: 316669

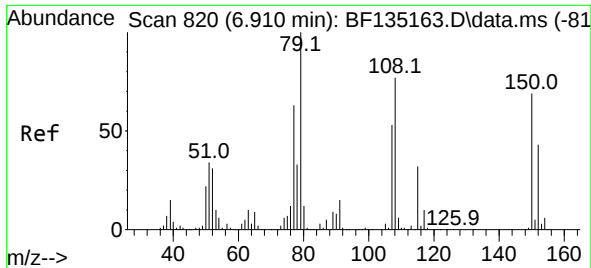
Ion Ratio Lower Upper

146 100

148 63.3 49.7 74.5

111 46.2 37.4 56.2

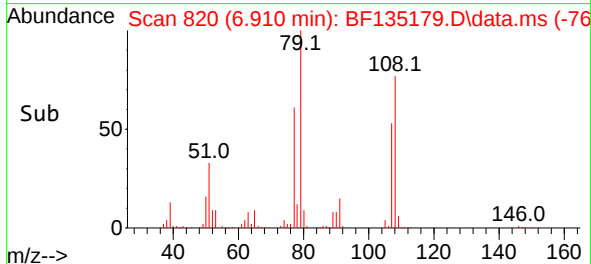
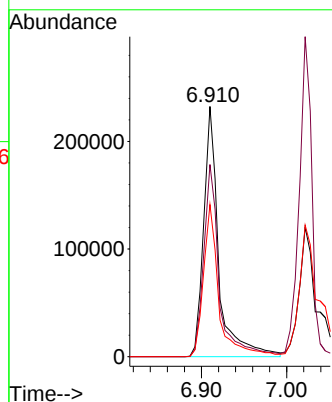
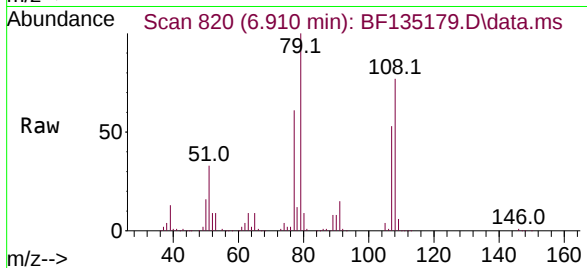




#15  
Benzyl Alcohol  
Concen: 50.533 ng  
RT: 6.910 min Scan# 81  
Delta R.T. 0.000 min  
Lab File: BF135179.D  
Acq: 12 Sep 2023 13:46

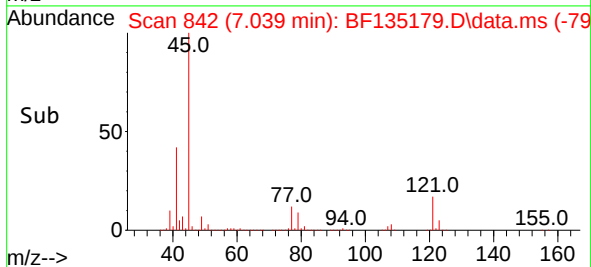
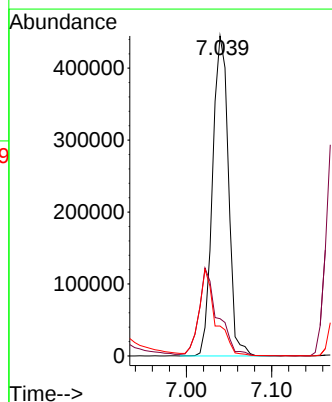
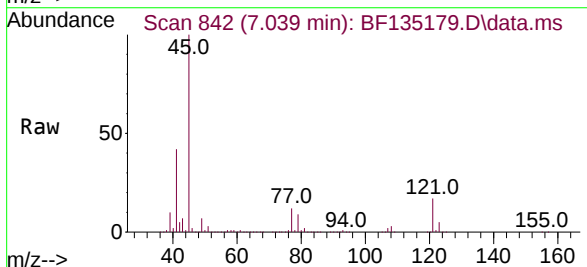
Instrument :  
BNA\_F  
ClientSampleId :  
SB-8(12-12.5)MS

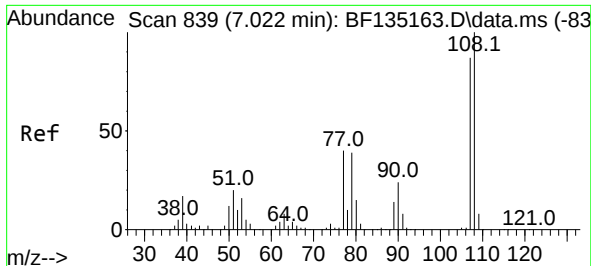
Tgt Ion: 79 Resp: 287032  
Ion Ratio Lower Upper  
79 100  
108 76.8 61.2 91.8  
77 60.8 50.5 75.7



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 47.154 ng  
RT: 7.039 min Scan# 842  
Delta R.T. -0.006 min  
Lab File: BF135179.D  
Acq: 12 Sep 2023 13:46

Tgt Ion: 45 Resp: 578689  
Ion Ratio Lower Upper  
45 100  
77 11.6 0.0 30.6  
79 9.3 0.0 28.3

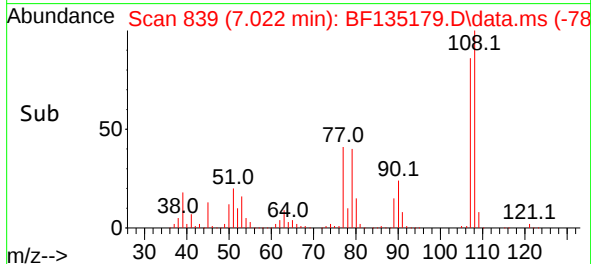
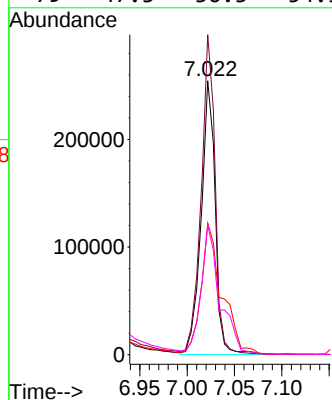
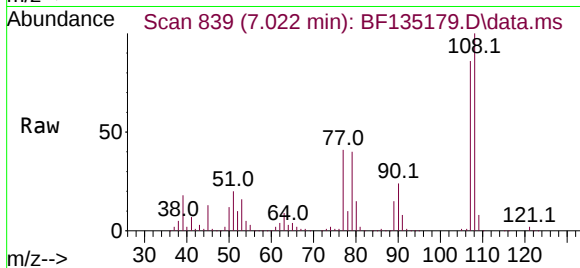




#17  
2-Methylphenol  
Concen: 44.927 ng  
RT: 7.022 min Scan# 81  
Delta R.T. 0.000 min  
Lab File: BF135179.D  
Acq: 12 Sep 2023 13:46

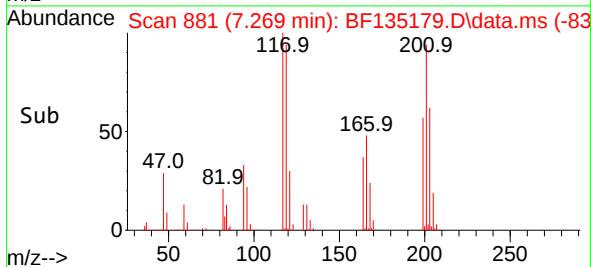
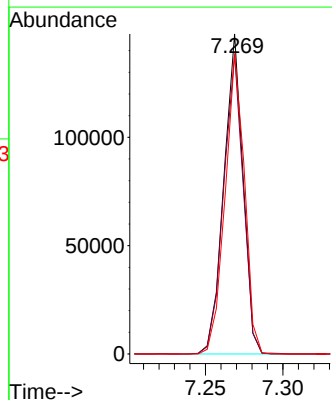
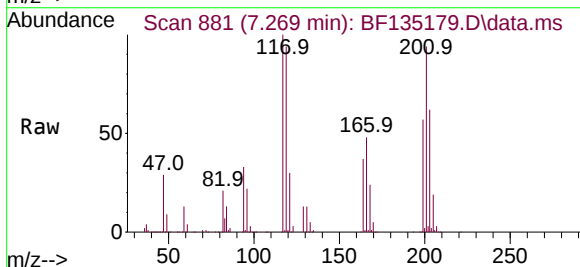
Instrument :  
BNA\_F  
ClientSampleId :  
SB-8(12-12.5)MS

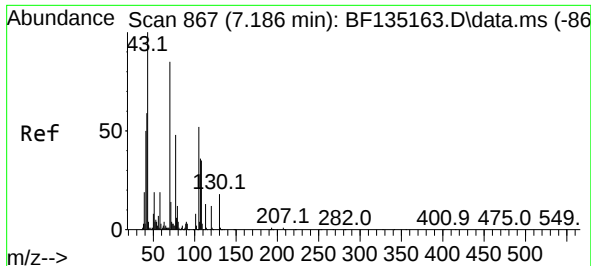
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 263465 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 116.9 | 92.0  | 138.0  |
| 77       | 48.0  | 36.7  | 55.1   |
| 79       | 47.3  | 36.3  | 54.5   |



#18  
Hexachloroethane  
Concen: 49.955 ng  
RT: 7.269 min Scan# 881  
Delta R.T. -0.006 min  
Lab File: BF135179.D  
Acq: 12 Sep 2023 13:46

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 126827 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 93.8  | 74.7  | 112.1  |
| 201      | 93.8  | 81.8  | 122.8  |

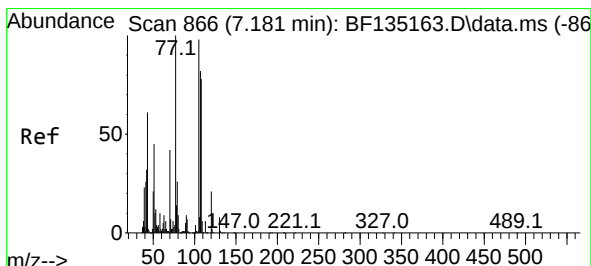
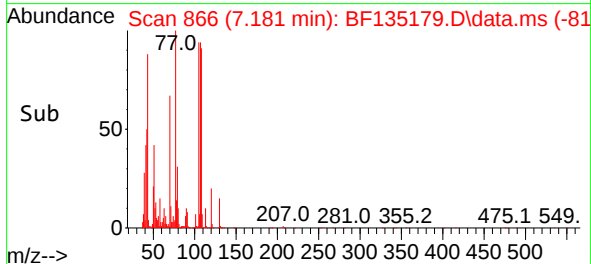
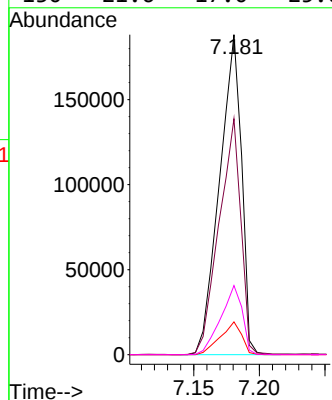
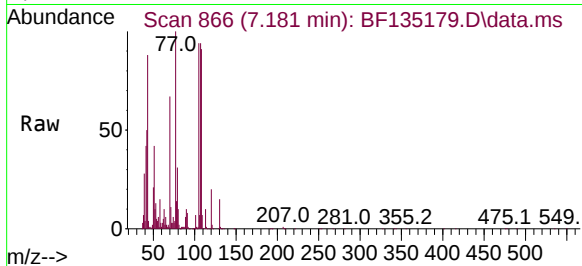




#19  
n-Nitroso-di-n-propylamine  
Concen: 44.694 ng  
RT: 7.181 min Scan# 80  
Delta R.T. -0.006 min  
Lab File: BF135179.D  
Acq: 12 Sep 2023 13:46

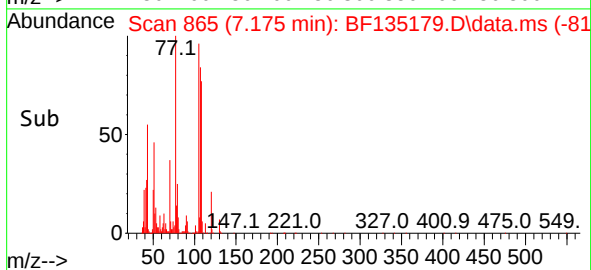
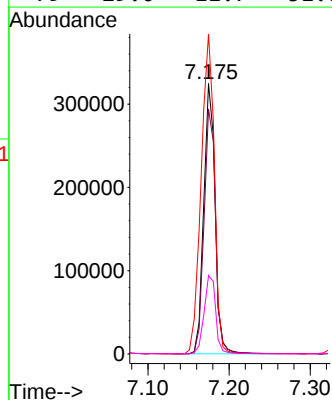
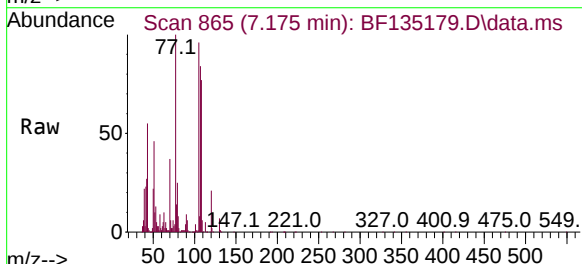
Instrument :  
BNA\_F  
ClientSampleId :  
SB-8(12-12.5)MS

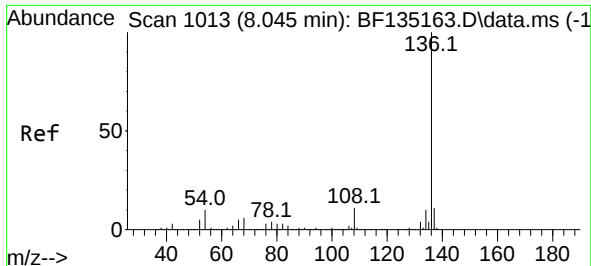
Tgt Ion: 70 Resp: 219132  
Ion Ratio Lower Upper  
70 100  
42 73.8 55.4 83.0  
101 10.3 7.7 11.5  
130 21.6 17.0 25.6



#20  
3+4-Methylphenols  
Concen: 44.507 ng  
RT: 7.175 min Scan# 865  
Delta R.T. -0.006 min  
Lab File: BF135179.D  
Acq: 12 Sep 2023 13:46

Tgt Ion:107 Resp: 313840  
Ion Ratio Lower Upper  
107 100  
108 90.6 74.7 114.7  
77 118.4 102.0 142.0  
79 29.0 11.7 51.7

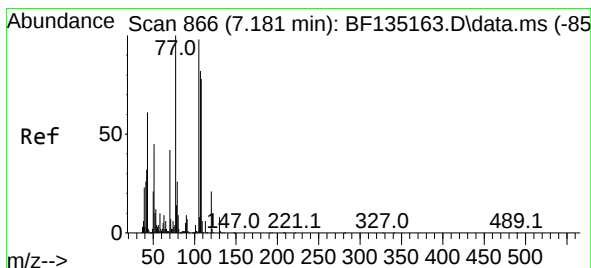
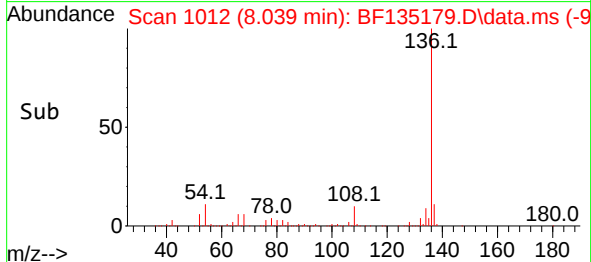
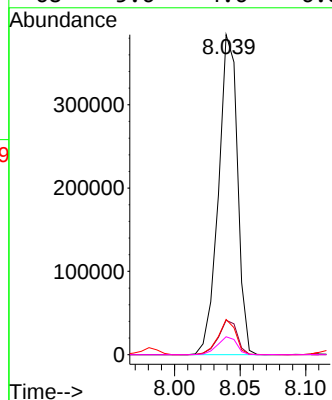
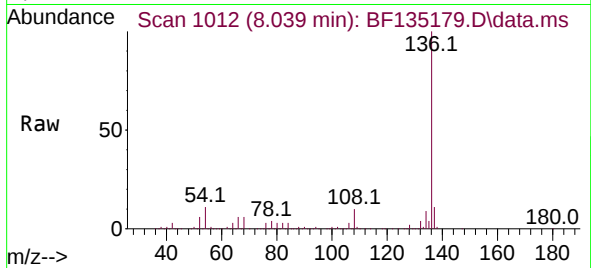




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.039 min Scan# 1013  
Delta R.T. -0.006 min  
Lab File: BF135179.D  
Acq: 12 Sep 2023 13:46

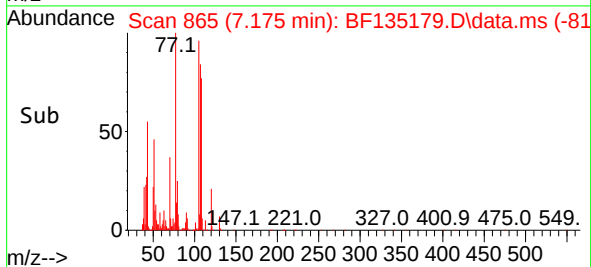
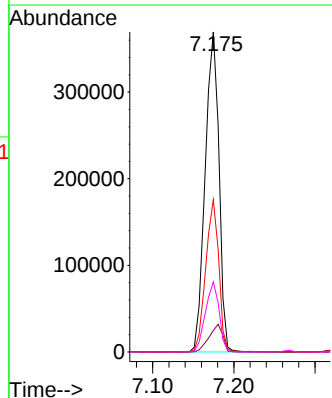
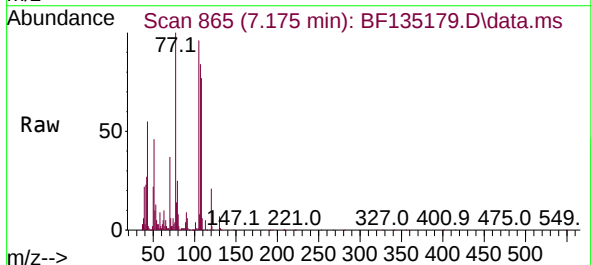
Instrument :  
BNA\_F  
ClientSampleId :  
SB-8(12-12.5)MS

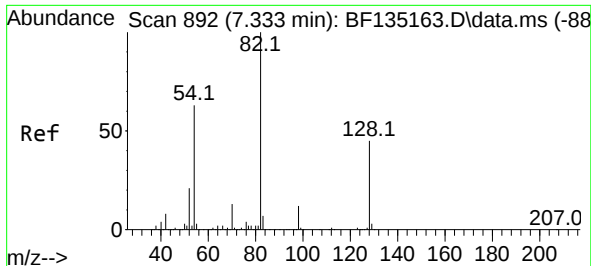
|             |               |
|-------------|---------------|
| Tgt Ion:136 | Resp: 387365  |
| Ion Ratio   | Lower Upper   |
| 136         | 100           |
| 137         | 10.7 8.8 13.2 |
| 54          | 11.0 7.7 11.5 |
| 68          | 5.6 4.6 6.8   |



#22  
Acetophenone  
Concen: 49.185 ng  
RT: 7.175 min Scan# 865  
Delta R.T. -0.006 min  
Lab File: BF135179.D  
Acq: 12 Sep 2023 13:46

|             |                |
|-------------|----------------|
| Tgt Ion:105 | Resp: 435594   |
| Ion Ratio   | Lower Upper    |
| 105         | 100            |
| 71          | 6.7 5.8 8.6    |
| 51          | 47.6 37.0 55.4 |
| 120         | 21.9 17.0 25.6 |





#23

Nitrobenzene-d5

Concen: 69.849 ng

RT: 7.328 min Scan# 891

Delta R.T. -0.006 min

Lab File: BF135179.D

Acq: 12 Sep 2023 13:46

Instrument :

BNA\_F

ClientSampleId :

SB-8(12-12.5)MS

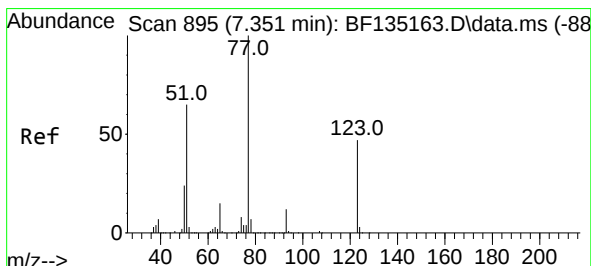
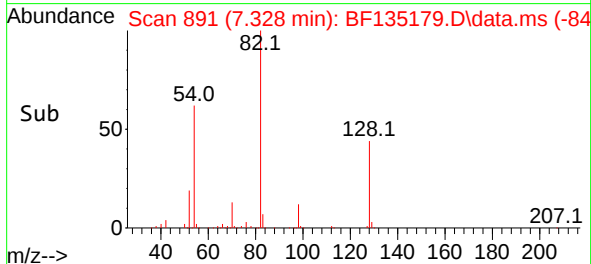
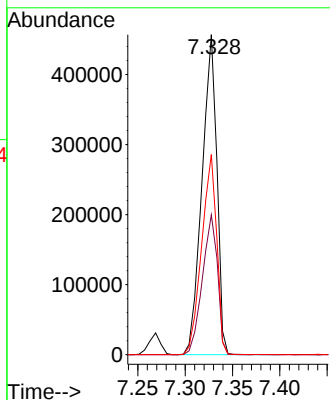
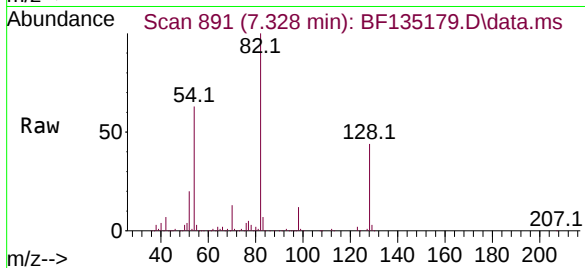
Tgt Ion: 82 Resp: 498016

Ion Ratio Lower Upper

82 100

128 43.7 35.8 53.6

54 62.6 50.6 76.0



#24

Nitrobenzene

Concen: 49.247 ng

RT: 7.345 min Scan# 894

Delta R.T. -0.006 min

Lab File: BF135179.D

Acq: 12 Sep 2023 13:46

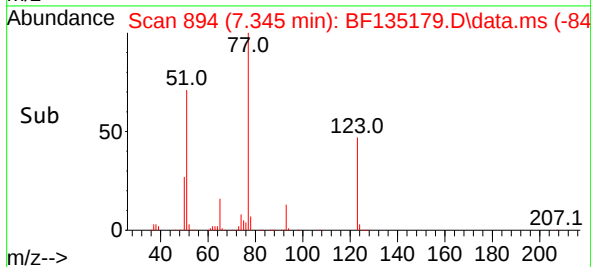
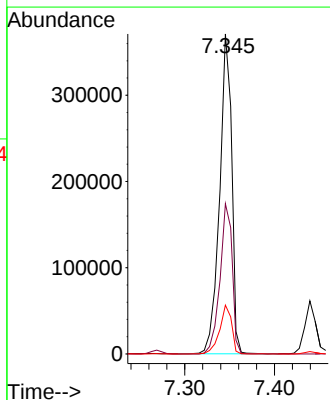
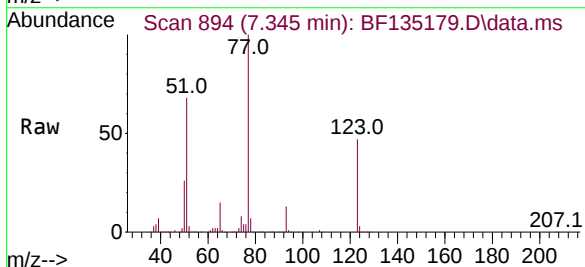
Tgt Ion: 77 Resp: 347052

Ion Ratio Lower Upper

77 100

123 46.9 37.6 56.4

65 15.3 12.2 18.4

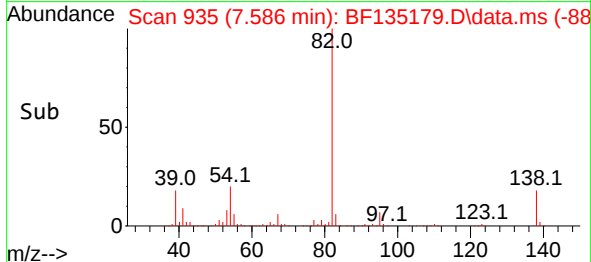
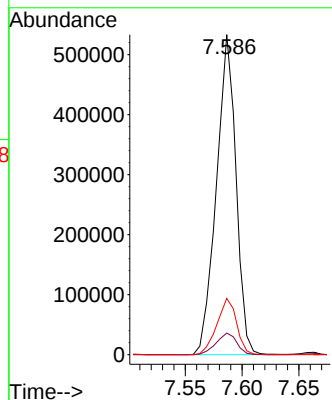
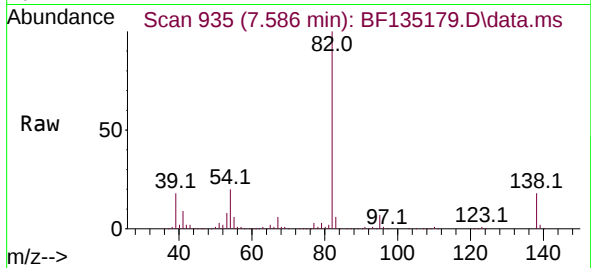




#25  
Isophorone  
Concen: 48.935 ng  
RT: 7.586 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: BF135179.D  
Acq: 12 Sep 2023 13:46

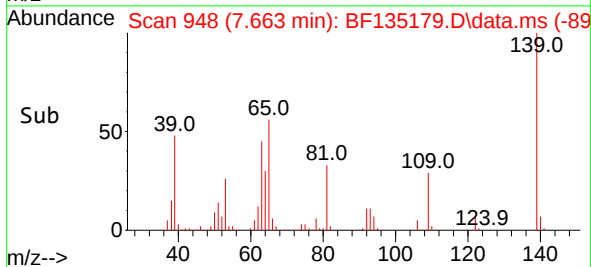
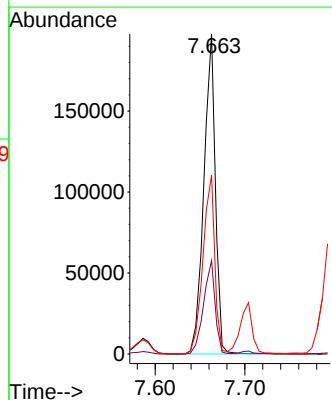
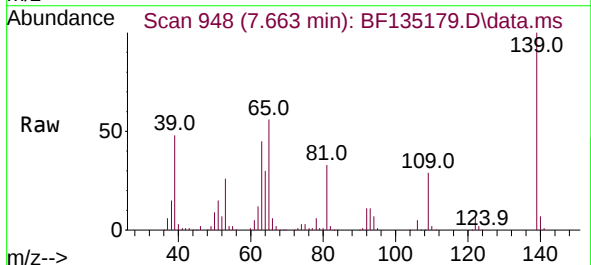
Instrument :  
BNA\_F  
ClientSampleId :  
SB-8(12-12.5)MS

Tgt Ion: 82 Resp: 640676  
Ion Ratio Lower Upper  
82 100  
95 6.8 6.0 9.0  
138 17.6 14.5 21.7



#26  
2-Nitrophenol  
Concen: 52.262 ng  
RT: 7.663 min Scan# 948  
Delta R.T. 0.000 min  
Lab File: BF135179.D  
Acq: 12 Sep 2023 13:46

Tgt Ion:139 Resp: 176764  
Ion Ratio Lower Upper  
139 100  
109 29.2 22.6 33.8  
65 55.9 47.0 70.4





#27

2,4-Dimethylphenol

Concen: 47.142 ng

RT: 7.704 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF135179.D

Acq: 12 Sep 2023 13:46

Instrument :

BNA\_F

ClientSampleId :

SB-8(12-12.5)MS

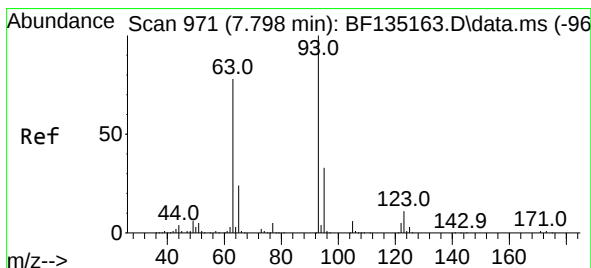
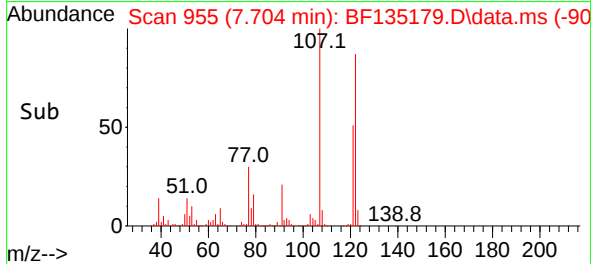
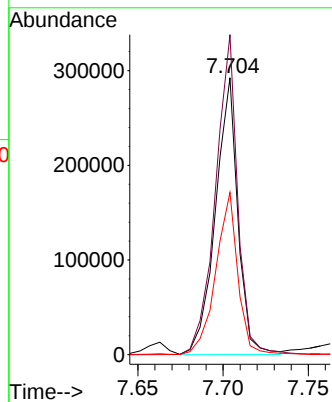
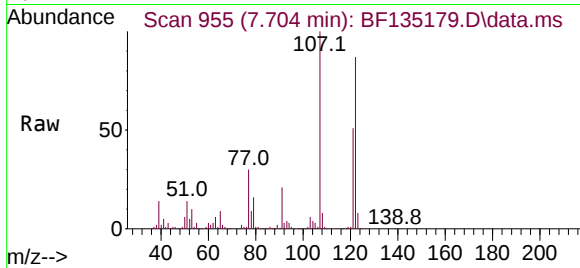
Tgt Ion:122 Resp: 268013

Ion Ratio Lower Upper

122 100

107 115.5 90.2 135.4

121 58.6 46.3 69.5



#28

bis(2-Chloroethoxy)methane

Concen: 49.445 ng

RT: 7.798 min Scan# 971

Delta R.T. 0.000 min

Lab File: BF135179.D

Acq: 12 Sep 2023 13:46

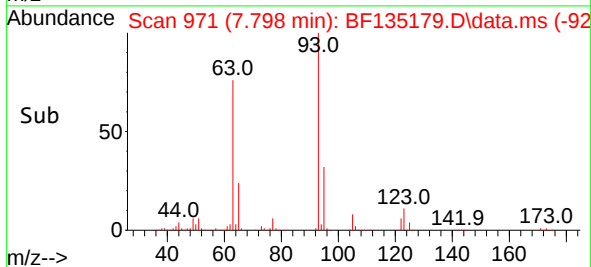
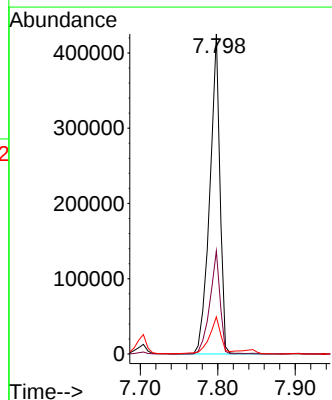
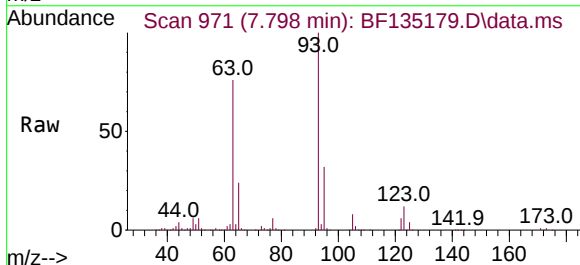
Tgt Ion: 93 Resp: 387462

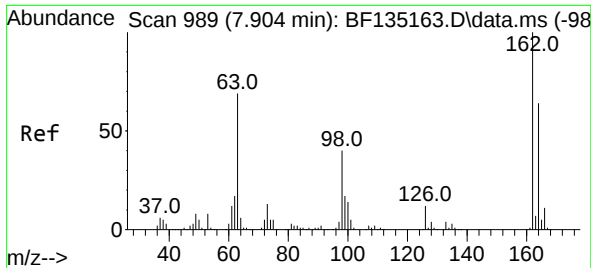
Ion Ratio Lower Upper

93 100

95 32.2 26.2 39.2

123 11.6 8.8 13.2





#29

2,4-Dichlorophenol

Concen: 51.235 ng

RT: 7.904 min Scan# 989

Delta R.T. 0.000 min

Lab File: BF135179.D

Acq: 12 Sep 2023 13:46

Instrument :

BNA\_F

ClientSampleId :

SB-8(12-12.5)MS

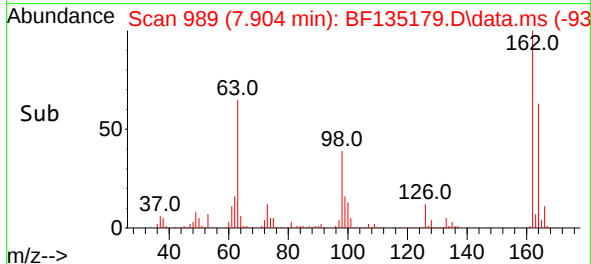
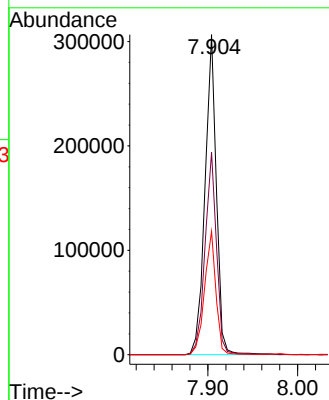
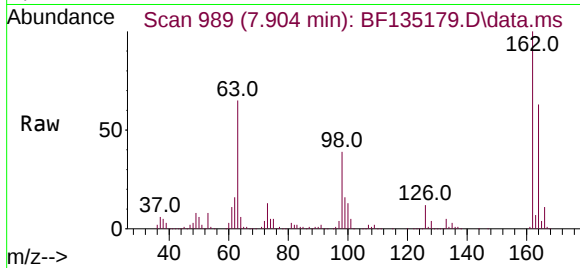
Tgt Ion:162 Resp: 269905

Ion Ratio Lower Upper

162 100

164 63.3 44.1 84.1

98 38.6 20.3 60.3



#30

1,2,4-Trichlorobenzene

Concen: 51.010 ng

RT: 7.981 min Scan# 1002

Delta R.T. -0.006 min

Lab File: BF135179.D

Acq: 12 Sep 2023 13:46

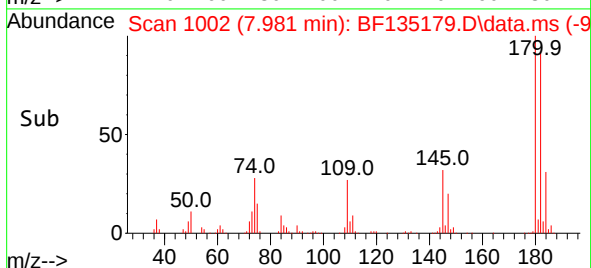
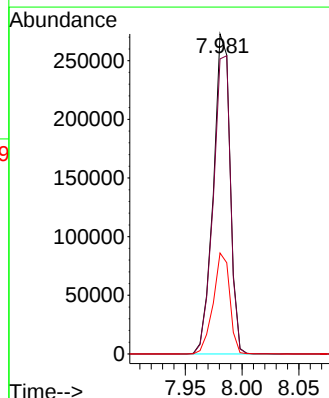
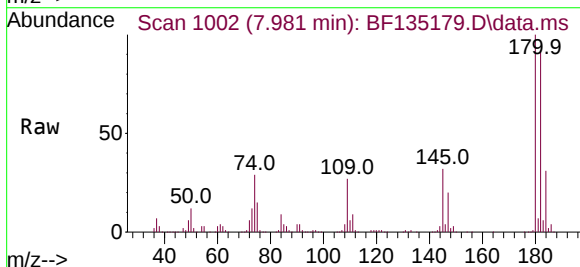
Tgt Ion:180 Resp: 280877

Ion Ratio Lower Upper

180 100

182 92.2 76.9 115.3

145 31.6 24.5 36.7

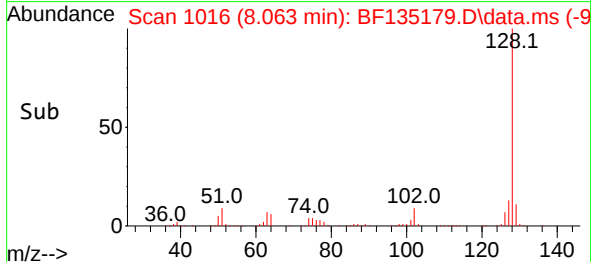
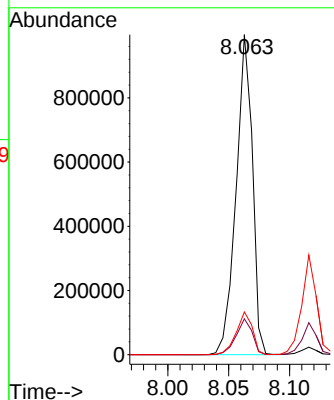
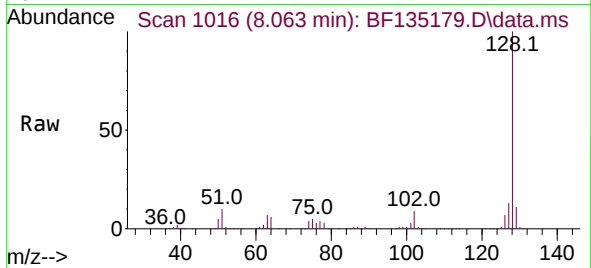




#31  
Naphthalene  
Concen: 49.215 ng  
RT: 8.063 min Scan# 1017  
Delta R.T. -0.006 min  
Lab File: BF135179.D  
Acq: 12 Sep 2023 13:46

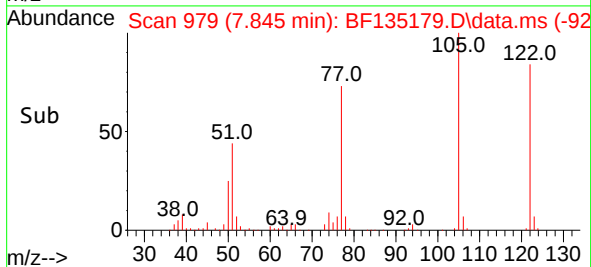
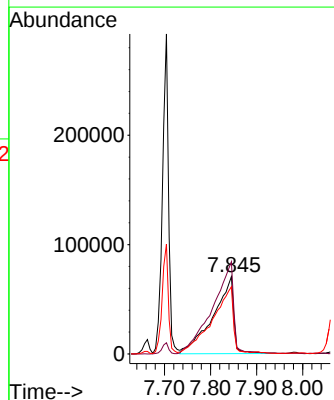
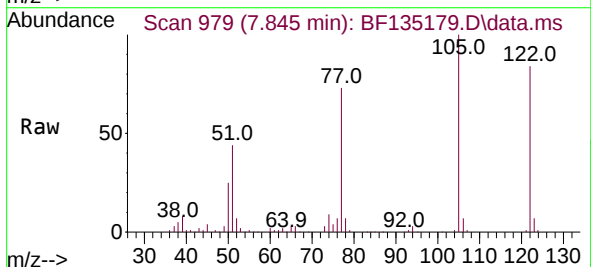
Instrument :  
BNA\_F  
ClientSampleId :  
SB-8(12-12.5)MS

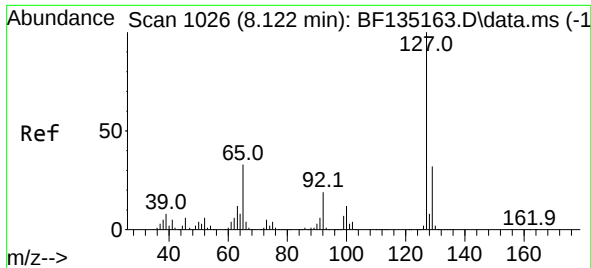
Tgt Ion:128 Resp: 926271  
Ion Ratio Lower Upper  
128 100  
129 11.2 8.7 13.1  
127 13.3 10.7 16.1



#32  
Benzoic acid  
Concen: 51.120 ng  
RT: 7.845 min Scan# 979  
Delta R.T. 0.012 min  
Lab File: BF135179.D  
Acq: 12 Sep 2023 13:46

Tgt Ion:122 Resp: 218844  
Ion Ratio Lower Upper  
122 100  
105 119.3 99.9 139.9  
77 87.0 70.0 110.0

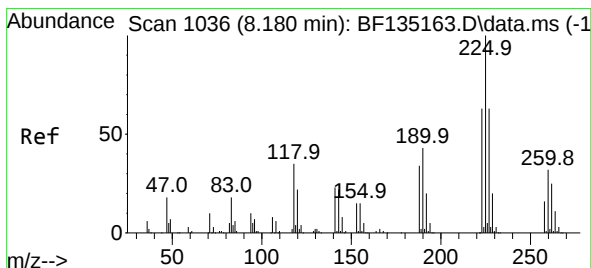
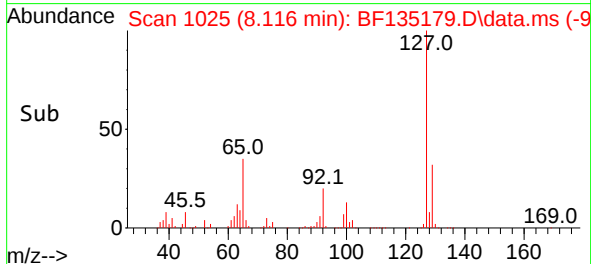
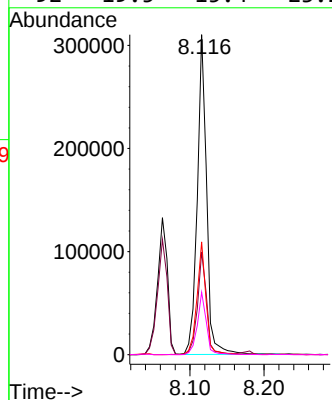
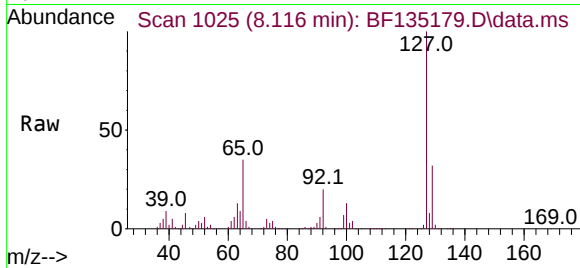




#33  
4-Chloroaniline  
Concen: 32.793 ng  
RT: 8.116 min Scan# 1025  
Delta R.T. -0.006 min  
Lab File: BF135179.D  
Acq: 12 Sep 2023 13:46

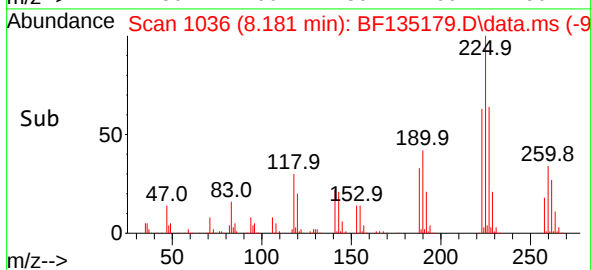
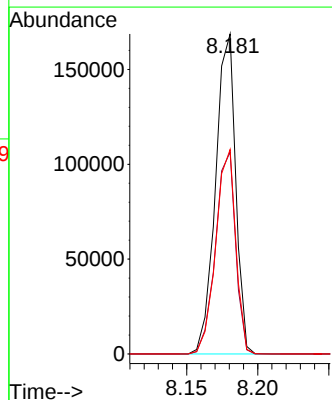
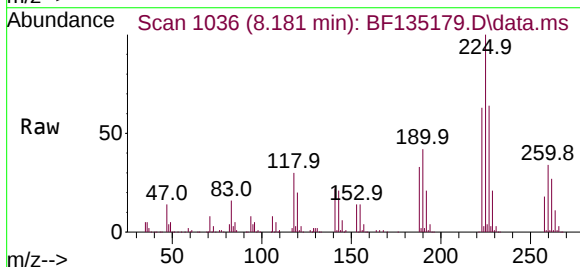
Instrument :  
BNA\_F  
ClientSampleId :  
SB-8(12-12.5)MS

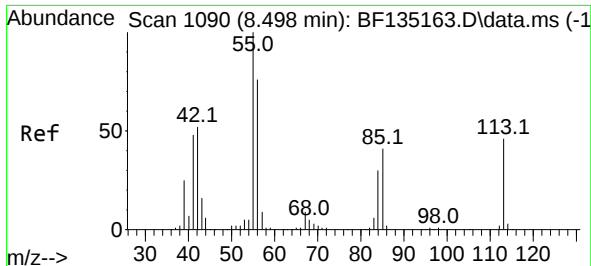
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 127   | Resp: | 270791 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 32.1  | 25.8  | 38.8   |
| 65       | 35.3  | 26.6  | 39.8   |
| 92       | 19.5  | 15.4  | 23.2   |



#34  
Hexachlorobutadiene  
Concen: 49.933 ng  
RT: 8.181 min Scan# 1036  
Delta R.T. 0.000 min  
Lab File: BF135179.D  
Acq: 12 Sep 2023 13:46

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 165786 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 63.1  | 50.6  | 75.8   |
| 227      | 63.9  | 50.8  | 76.2   |

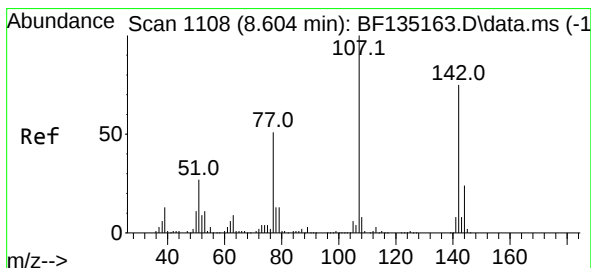
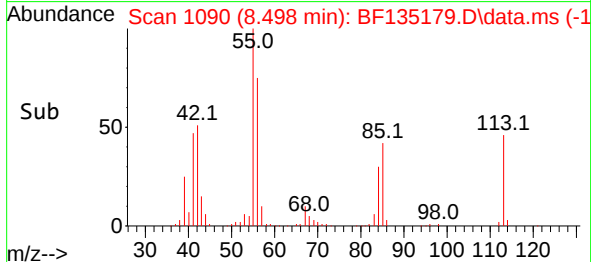
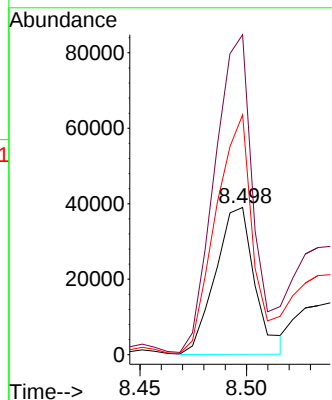
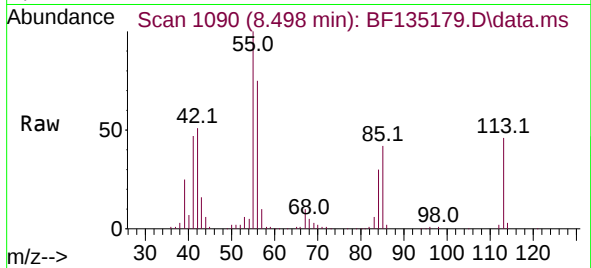




#35  
 Caprolactam  
 Concen: 28.290 ng  
 RT: 8.498 min Scan# 1090  
 Delta R.T. 0.000 min  
 Lab File: BF135179.D  
 Acq: 12 Sep 2023 13:46

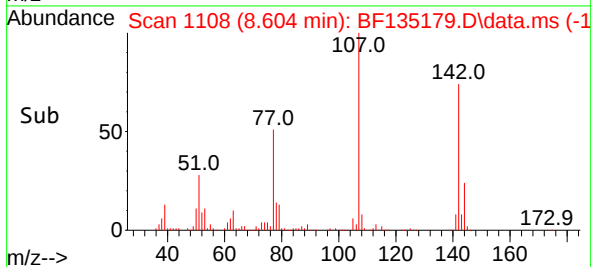
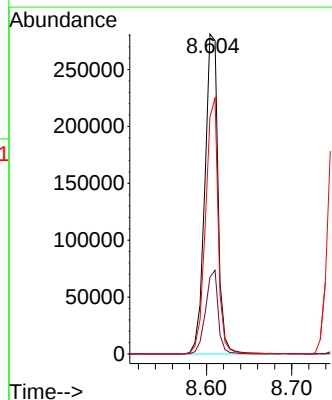
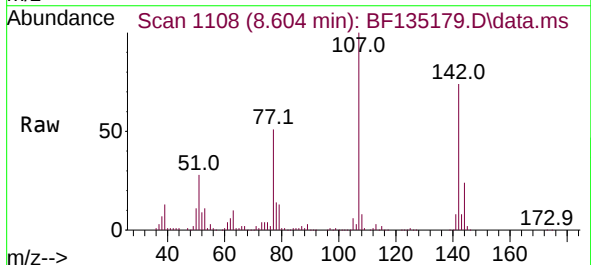
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-8(12-12.5)MS

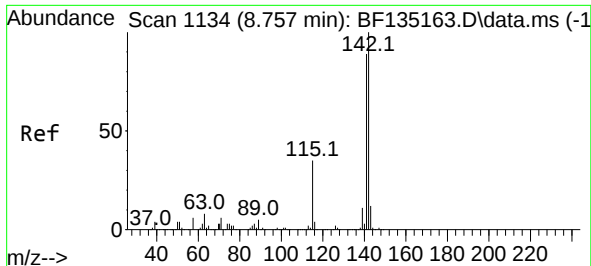
Tgt Ion:113 Resp: 50018  
 Ion Ratio Lower Upper  
 113 100  
 55 217.4 199.3 239.3  
 56 163.0 146.3 186.3



#36  
 4-Chloro-3-methylphenol  
 Concen: 51.338 ng  
 RT: 8.604 min Scan# 1108  
 Delta R.T. 0.000 min  
 Lab File: BF135179.D  
 Acq: 12 Sep 2023 13:46

Tgt Ion:107 Resp: 300584  
 Ion Ratio Lower Upper  
 107 100  
 144 24.0 19.0 28.4  
 142 74.1 60.2 90.2

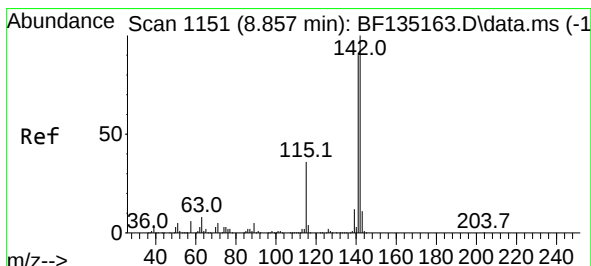
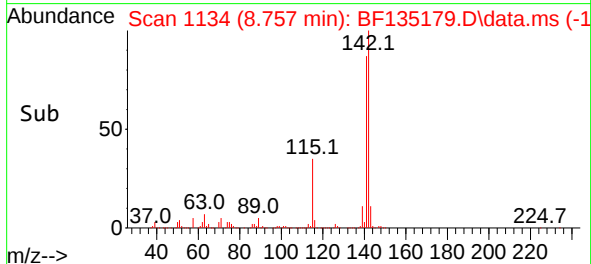
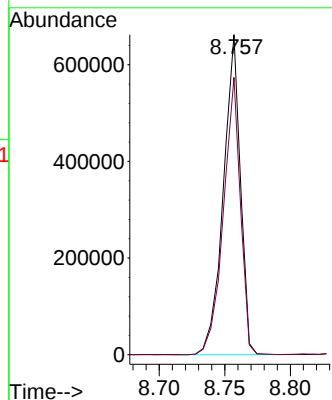
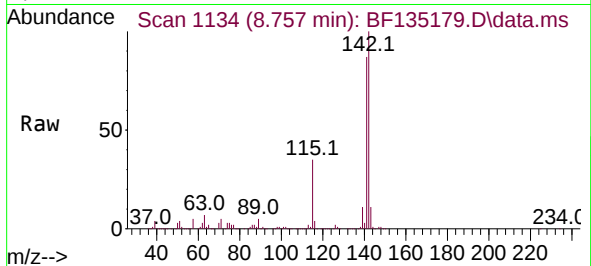




#37  
2-Methylnaphthalene  
Concen: 47.235 ng  
RT: 8.757 min Scan# 1134  
Delta R.T. 0.000 min  
Lab File: BF135179.D  
Acq: 12 Sep 2023 13:46

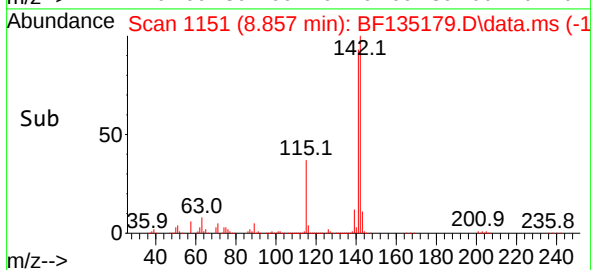
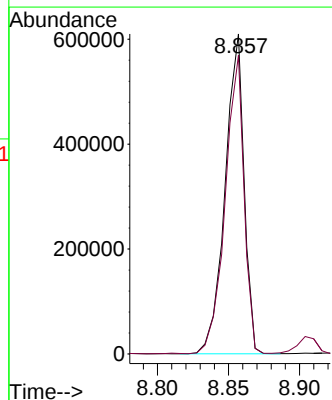
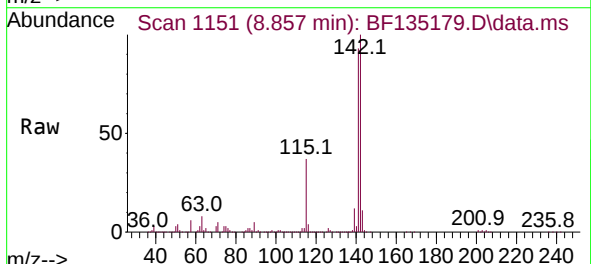
Instrument :  
BNA\_F  
ClientSampleId :  
SB-8(12-12.5)MS

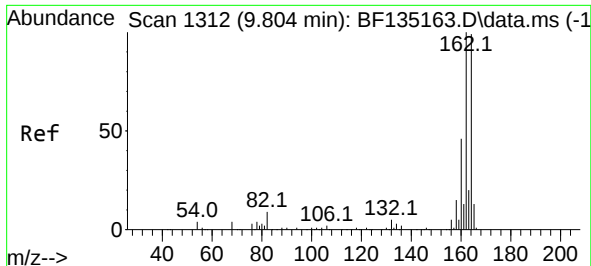
Tgt Ion:142 Resp: 597589  
Ion Ratio Lower Upper  
142 100  
141 86.7 71.0 106.6



#38  
1-Methylnaphthalene  
Concen: 47.762 ng  
RT: 8.857 min Scan# 1151  
Delta R.T. 0.000 min  
Lab File: BF135179.D  
Acq: 12 Sep 2023 13:46

Tgt Ion:142 Resp: 565724  
Ion Ratio Lower Upper  
142 100  
141 93.3 72.4 108.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.798 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF135179.D

Acq: 12 Sep 2023 13:46

Instrument :

BNA\_F

ClientSampleId :

SB-8(12-12.5)MS

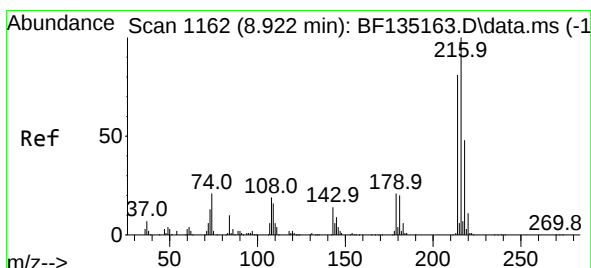
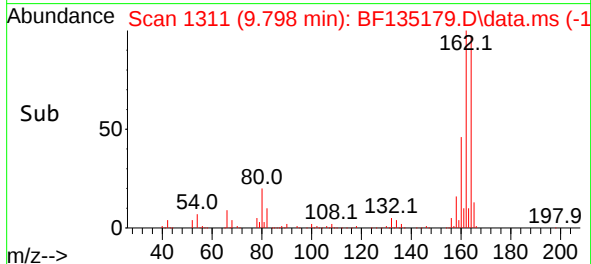
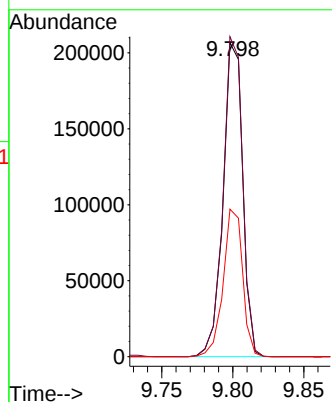
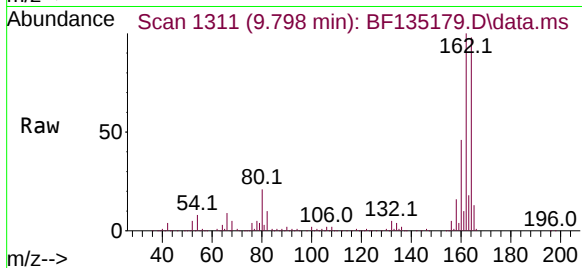
Tgt Ion:164 Resp: 198081

Ion Ratio Lower Upper

164 100

162 101.9 81.0 121.4

160 47.0 37.0 55.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 49.146 ng

RT: 8.922 min Scan# 1162

Delta R.T. 0.000 min

Lab File: BF135179.D

Acq: 12 Sep 2023 13:46

Tgt Ion:216 Resp: 282029

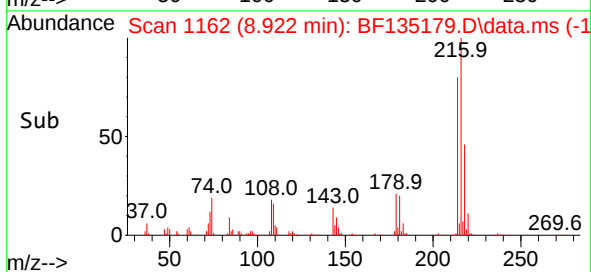
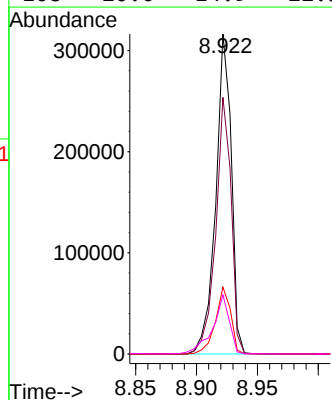
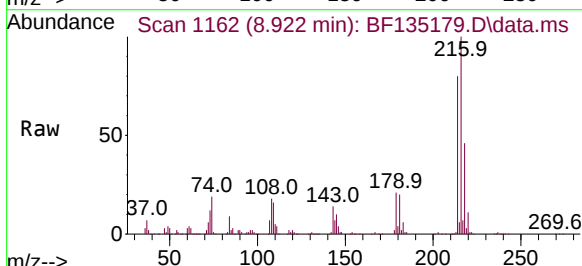
Ion Ratio Lower Upper

216 100

214 79.3 63.7 95.5

179 20.5 16.7 25.1

108 20.0 14.9 22.3

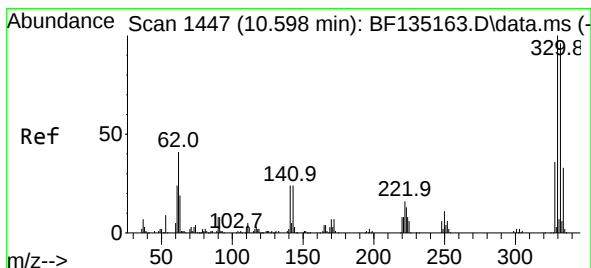
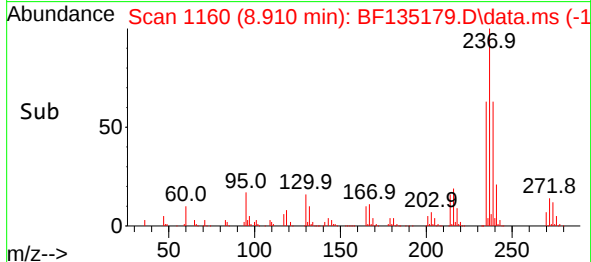
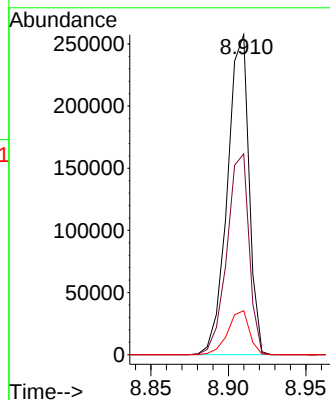
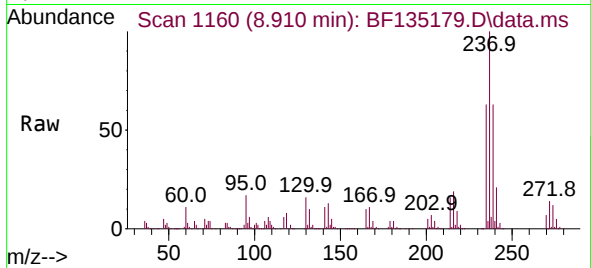




#41  
Hexachlorocyclopentadiene  
Concen: 97.135 ng  
RT: 8.910 min Scan# 1160  
Delta R.T. -0.000 min  
Lab File: BF135179.D  
Acq: 12 Sep 2023 13:46

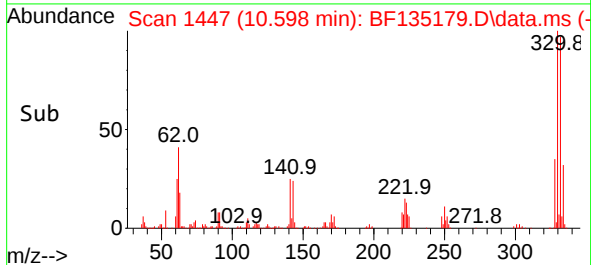
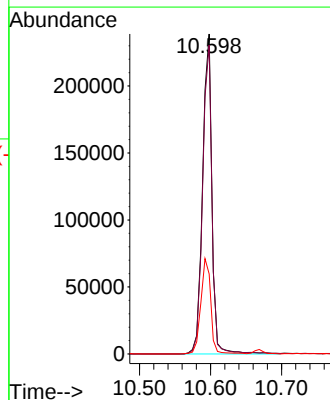
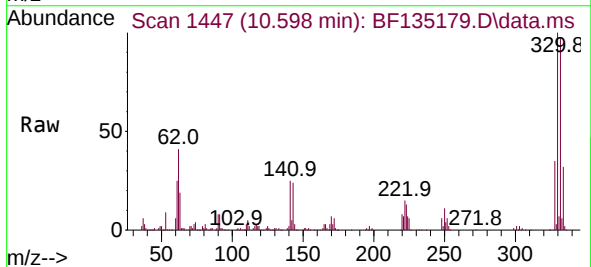
Instrument :  
BNA\_F  
ClientSampleId :  
SB-8(12-12.5)MS

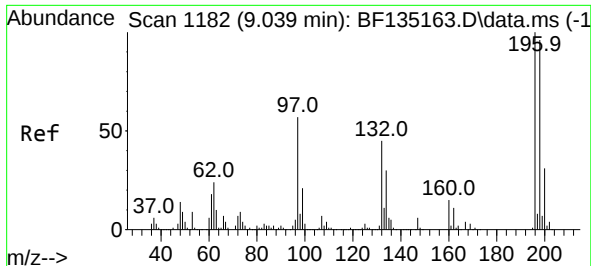
Tgt Ion:237 Resp: 250020  
Ion Ratio Lower Upper  
237 100  
235 62.7 41.8 81.8  
272 13.7 0.0 33.6



#42  
2,4,6-Tribromophenol  
Concen: 111.364 ng  
RT: 10.598 min Scan# 1447  
Delta R.T. 0.000 min  
Lab File: BF135179.D  
Acq: 12 Sep 2023 13:46

Tgt Ion:330 Resp: 219214  
Ion Ratio Lower Upper  
330 100  
332 97.0 77.3 115.9  
141 31.7 25.8 38.8

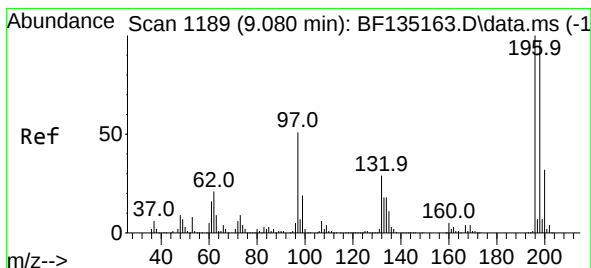
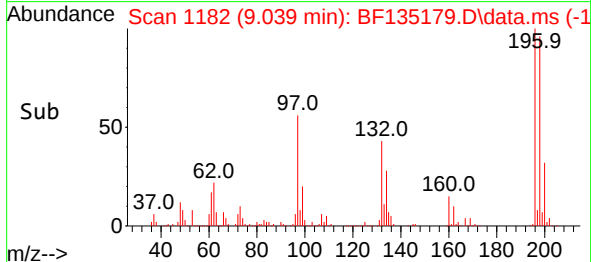
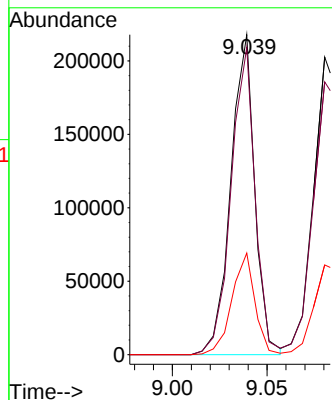
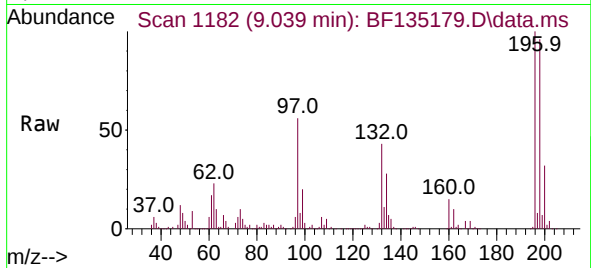




#43  
2,4,6-Trichlorophenol  
Concen: 50.901 ng  
RT: 9.039 min Scan# 1182  
Delta R.T. 0.000 min  
Lab File: BF135179.D  
Acq: 12 Sep 2023 13:46

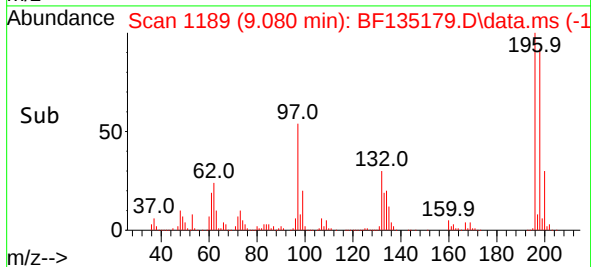
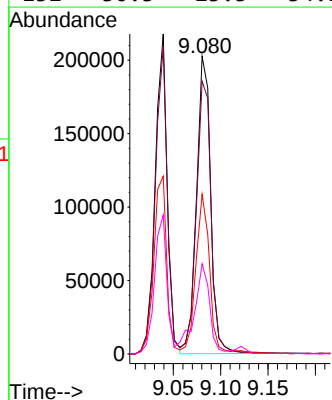
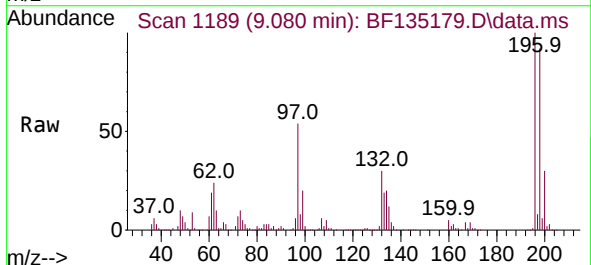
Instrument :  
BNA\_F  
ClientSampleId :  
SB-8(12-12.5)MS

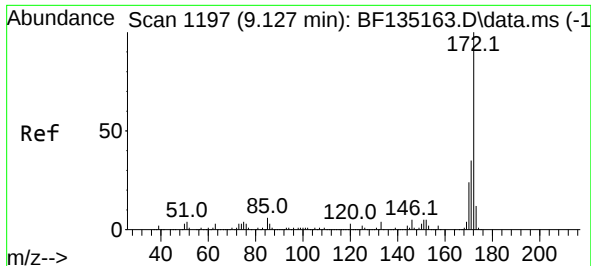
Tgt Ion:196 Resp: 191251  
Ion Ratio Lower Upper  
196 100  
198 96.0 77.0 115.6  
200 31.7 24.5 36.7



#44  
2,4,5-Trichlorophenol  
Concen: 48.698 ng  
RT: 9.080 min Scan# 1189  
Delta R.T. 0.000 min  
Lab File: BF135179.D  
Acq: 12 Sep 2023 13:46

Tgt Ion:196 Resp: 210713  
Ion Ratio Lower Upper  
196 100  
198 91.7 77.5 116.3  
97 53.7 40.5 60.7  
132 30.3 23.3 34.9





#45

2-Fluorobiphenyl

Concen: 66.803 ng

RT: 9.122 min Scan# 1197

Delta R.T. -0.006 min

Lab File: BF135179.D

Acq: 12 Sep 2023 13:46

Instrument :

BNA\_F

ClientSampleId :

SB-8(12-12.5)MS

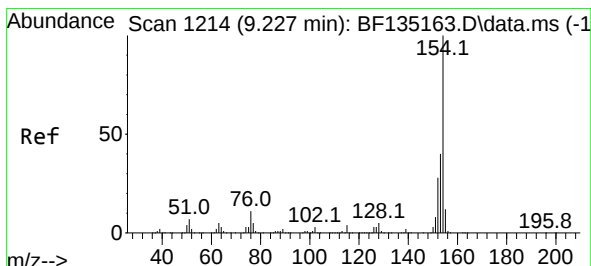
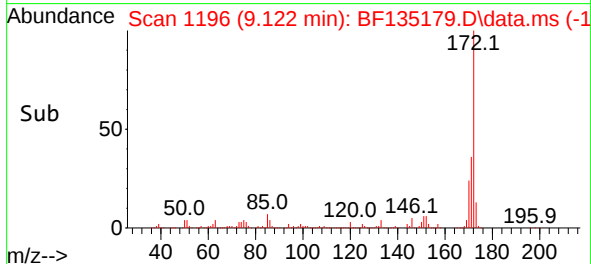
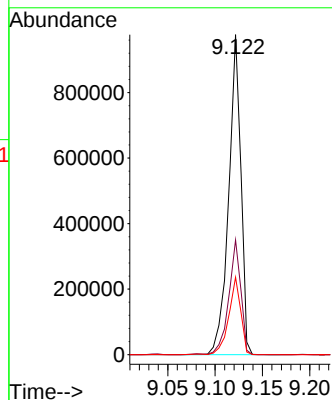
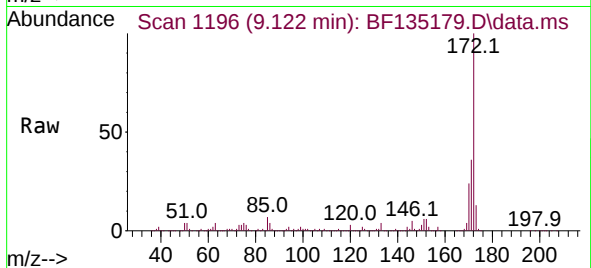
Tgt Ion:172 Resp: 877062

Ion Ratio Lower Upper

172 100

171 35.9 28.4 42.6

170 24.2 19.0 28.4



#46

1,1'-Biphenyl

Concen: 49.620 ng

RT: 9.222 min Scan# 1213

Delta R.T. -0.006 min

Lab File: BF135179.D

Acq: 12 Sep 2023 13:46

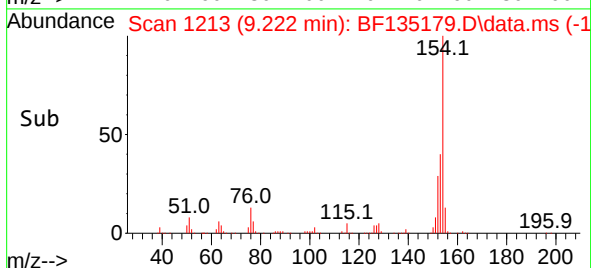
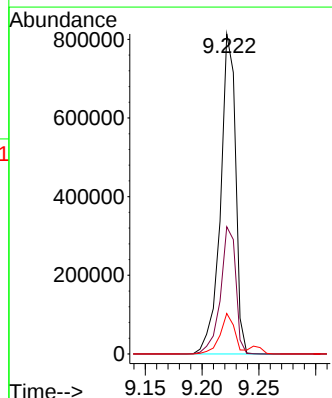
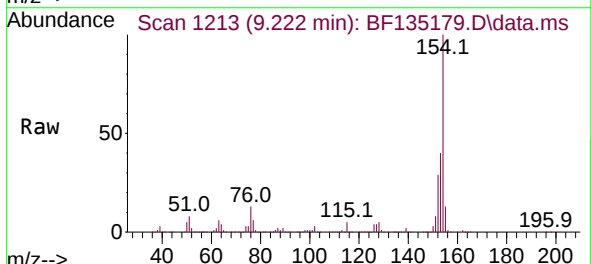
Tgt Ion:154 Resp: 755332

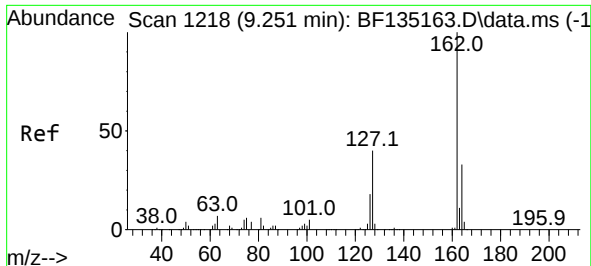
Ion Ratio Lower Upper

154 100

153 39.8 19.6 59.6

76 12.6 0.0 31.0





#47

2-Chloronaphthalene

Concen: 50.882 ng

RT: 9.245 min Scan# 1217

Delta R.T. -0.006 min

Lab File: BF135179.D

Acq: 12 Sep 2023 13:46

Instrument :

BNA\_F

ClientSampleId :

SB-8(12-12.5)MS

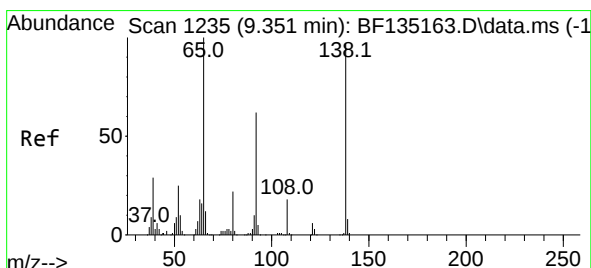
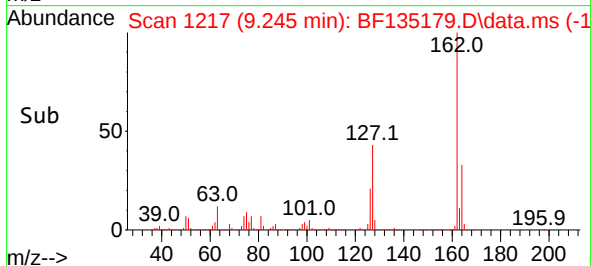
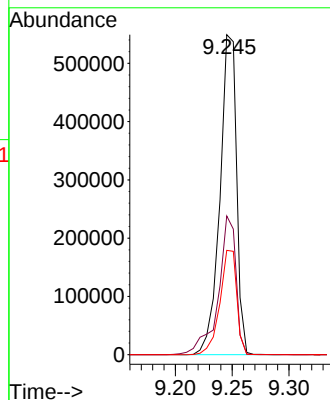
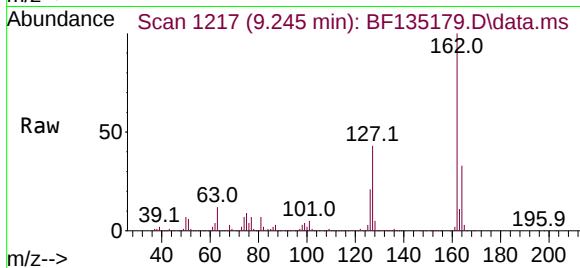
Tgt Ion:162 Resp: 561971

Ion Ratio Lower Upper

162 100

127 43.3 32.6 48.8

164 32.6 26.2 39.2



#48

2-Nitroaniline

Concen: 50.329 ng

RT: 9.351 min Scan# 1235

Delta R.T. 0.000 min

Lab File: BF135179.D

Acq: 12 Sep 2023 13:46

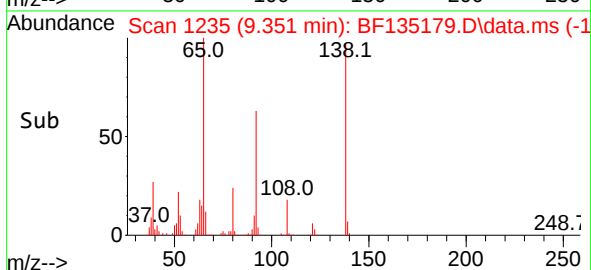
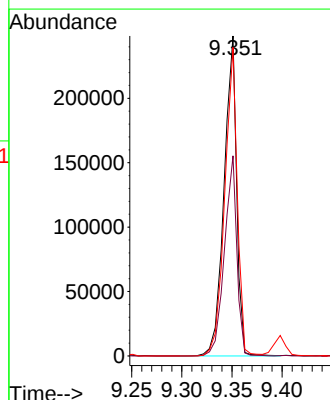
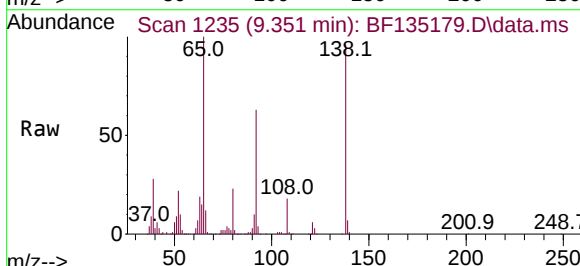
Tgt Ion: 65 Resp: 215953

Ion Ratio Lower Upper

65 100

92 62.6 49.4 74.0

138 96.5 77.4 116.0





#49

Acenaphthylene

Concen: 50.412 ng

RT: 9.663 min Scan# 1288

Delta R.T. 0.000 min

Lab File: BF135179.D

Acq: 12 Sep 2023 13:46

Instrument :

BNA\_F

ClientSampleId :

SB-8(12-12.5)MS

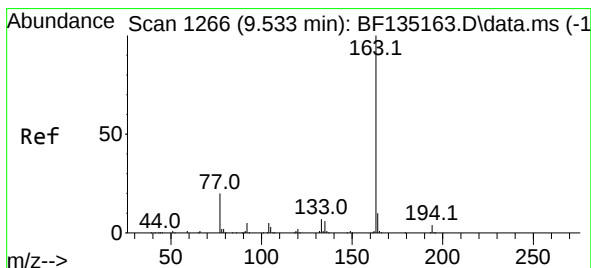
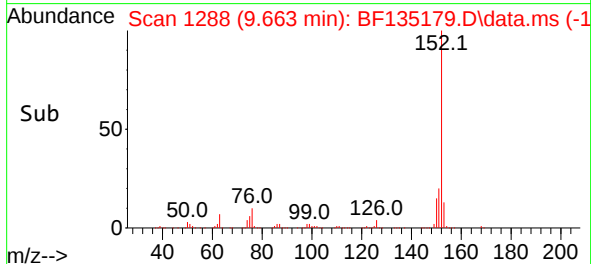
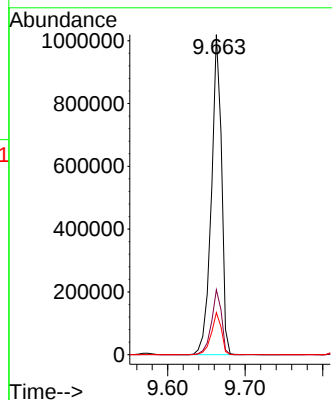
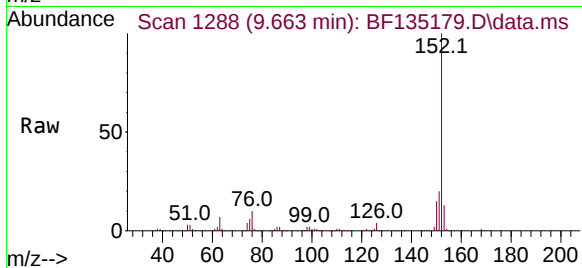
Tgt Ion:152 Resp: 925338

Ion Ratio Lower Upper

152 100

151 20.3 16.4 24.6

153 13.2 10.4 15.6



#50

Dimethylphthalate

Concen: 49.267 ng

RT: 9.533 min Scan# 1266

Delta R.T. 0.000 min

Lab File: BF135179.D

Acq: 12 Sep 2023 13:46

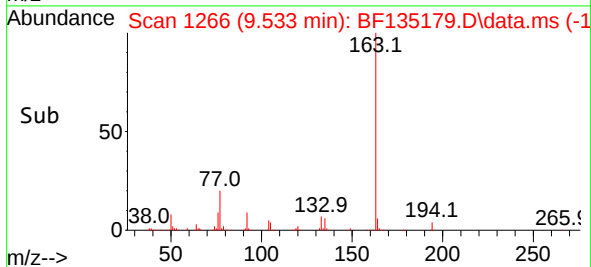
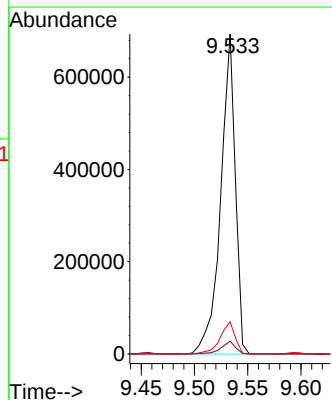
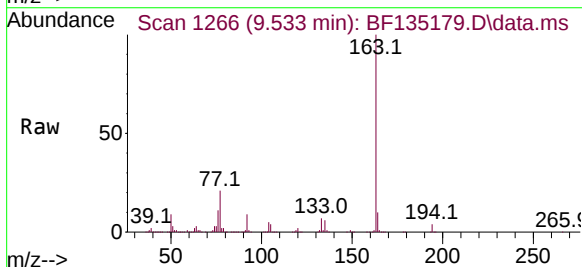
Tgt Ion:163 Resp: 659797

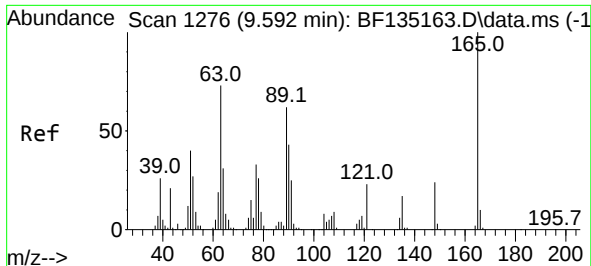
Ion Ratio Lower Upper

163 100

194 4.0 3.1 4.7

164 10.0 8.1 12.1

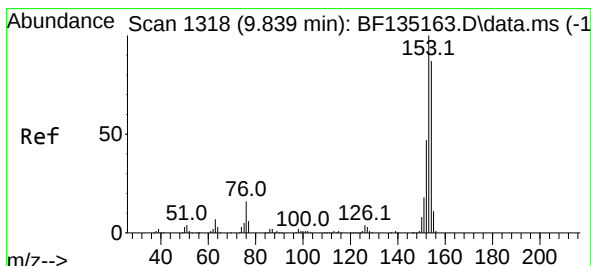
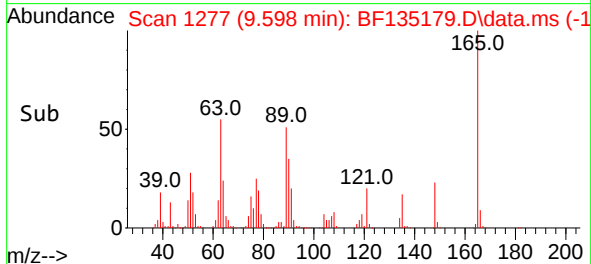
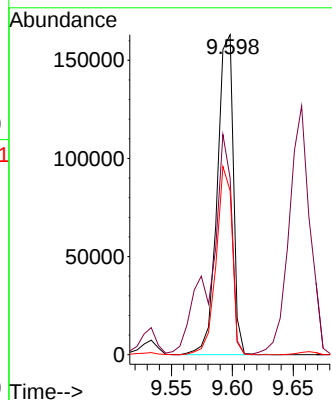
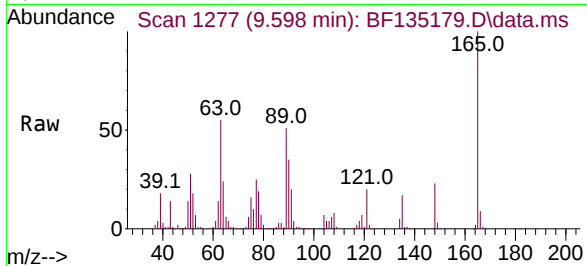




#51  
2,6-Dinitrotoluene  
Concen: 51.121 ng  
RT: 9.598 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: BF135179.D  
Acq: 12 Sep 2023 13:46

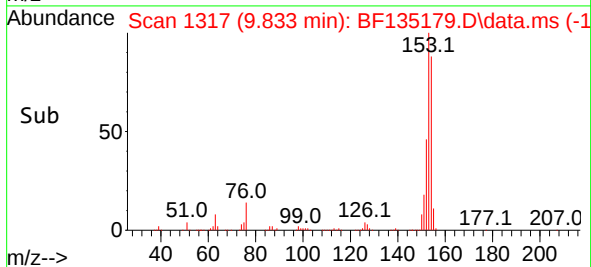
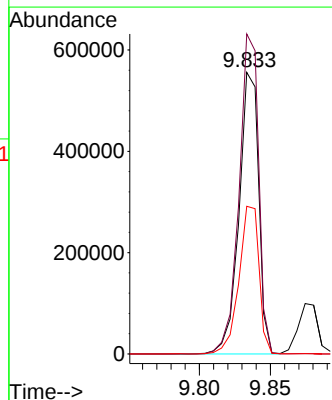
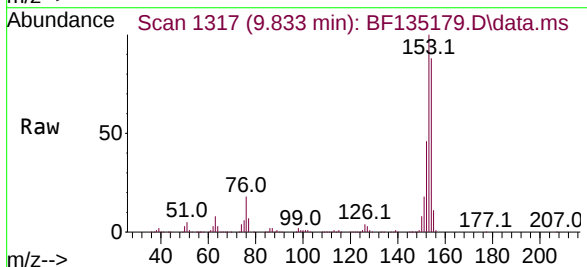
Instrument :  
BNA\_F  
ClientSampleId :  
SB-8(12-12.5)MS

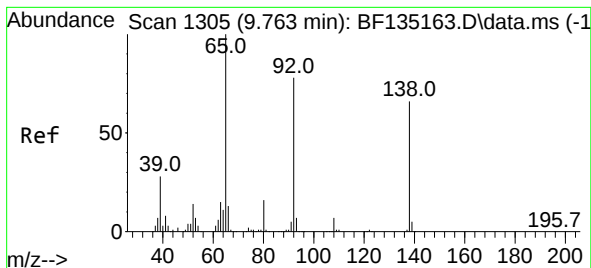
Tgt Ion:165 Resp: 149978  
Ion Ratio Lower Upper  
165 100  
63 55.2 59.4 89.2#  
89 51.2 49.8 74.8



#52  
Acenaphthene  
Concen: 49.418 ng  
RT: 9.833 min Scan# 1317  
Delta R.T. -0.006 min  
Lab File: BF135179.D  
Acq: 12 Sep 2023 13:46

Tgt Ion:154 Resp: 535859  
Ion Ratio Lower Upper  
154 100  
153 113.6 92.1 138.1  
152 52.5 43.1 64.7





#53

3-Nitroaniline

Concen: 40.240 ng

RT: 9.763 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF135179.D

Acq: 12 Sep 2023 13:46

Instrument :

BNA\_F

ClientSampleId :

SB-8(12-12.5)MS

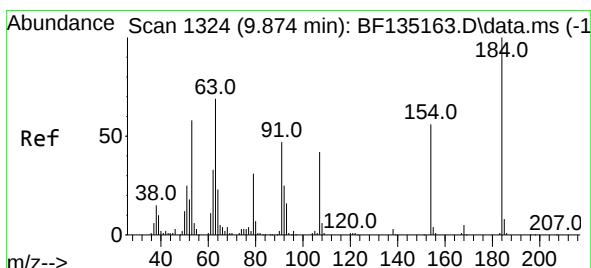
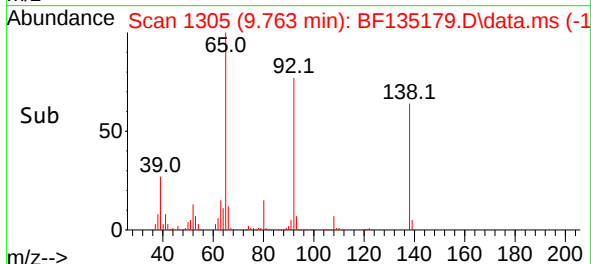
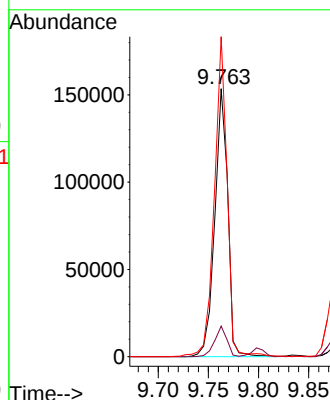
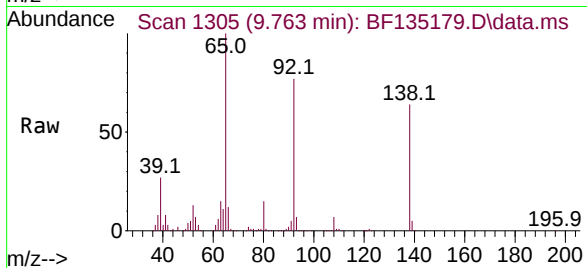
Tgt Ion:138 Resp: 138578

Ion Ratio Lower Upper

138 100

108 11.4 8.5 12.7

92 119.4 95.4 143.0



#54

2,4-Dinitrophenol

Concen: 97.291 ng

RT: 9.880 min Scan# 1325

Delta R.T. 0.006 min

Lab File: BF135179.D

Acq: 12 Sep 2023 13:46

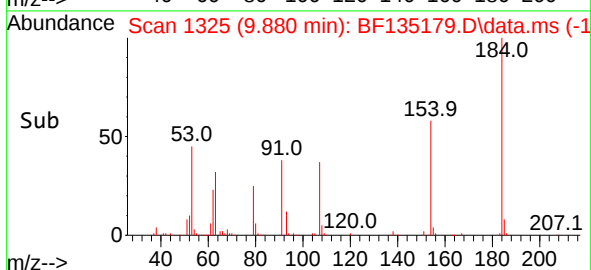
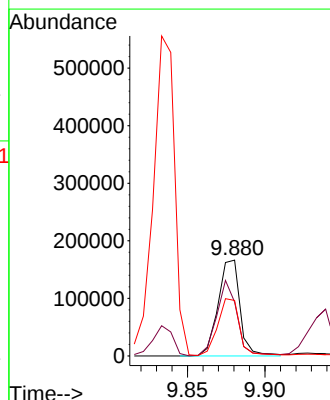
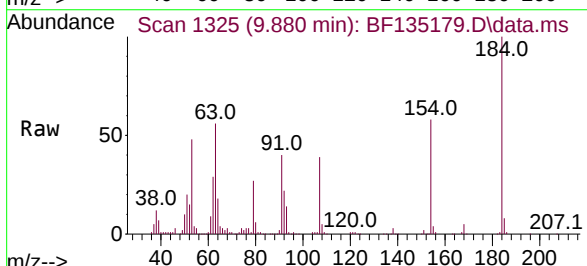
Tgt Ion:184 Resp: 164479

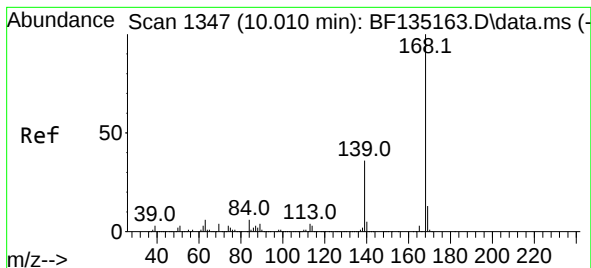
Ion Ratio Lower Upper

184 100

63 56.2 55.1 82.7

154 57.9 48.4 72.6





#55

Dibenzofuran

Concen: 48.767 ng

RT: 10.010 min Scan# 1347

Delta R.T. 0.000 min

Lab File: BF135179.D

Acq: 12 Sep 2023 13:46

Instrument :

BNA\_F

ClientSampleId :

SB-8(12-12.5)MS

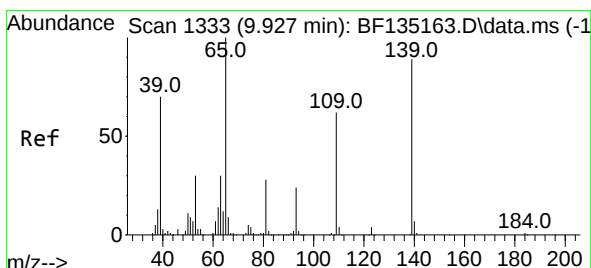
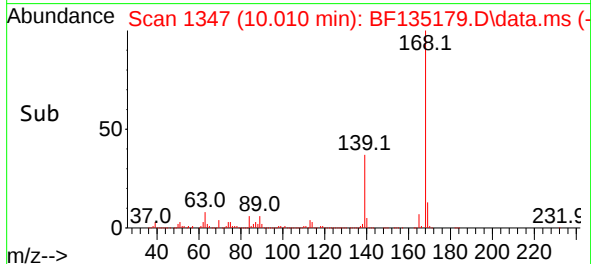
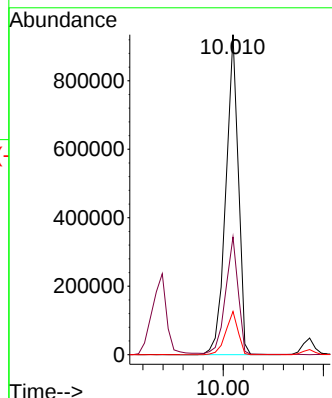
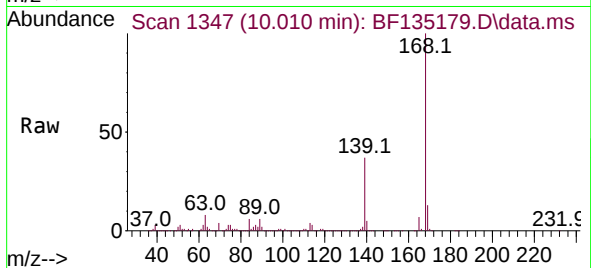
Tgt Ion:168 Resp: 806943

Ion Ratio Lower Upper

168 100

139 36.8 29.0 43.6

169 13.5 10.4 15.6



#56

4-Nitrophenol

Concen: 109.215 ng

RT: 9.939 min Scan# 1335

Delta R.T. 0.012 min

Lab File: BF135179.D

Acq: 12 Sep 2023 13:46

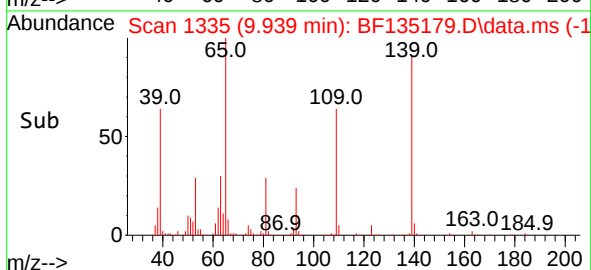
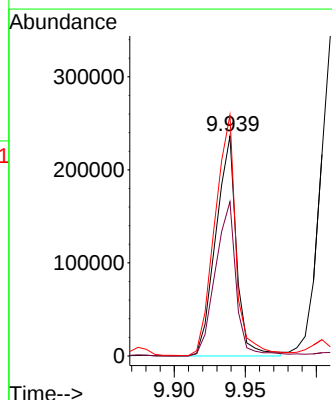
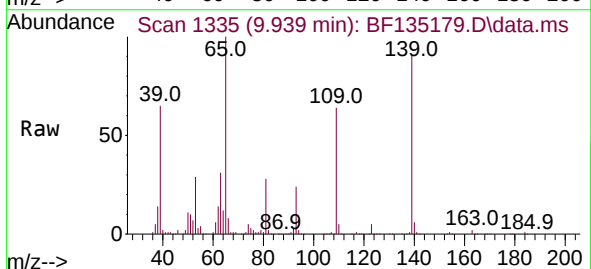
Tgt Ion:139 Resp: 239041

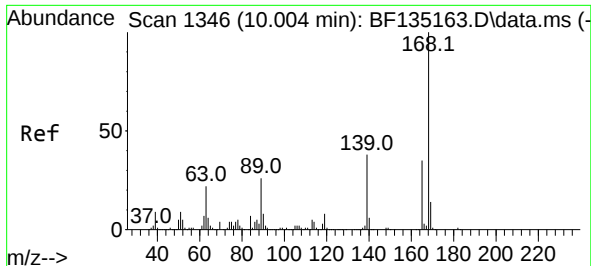
Ion Ratio Lower Upper

139 100

109 70.2 49.8 89.8

65 109.6 92.7 132.7

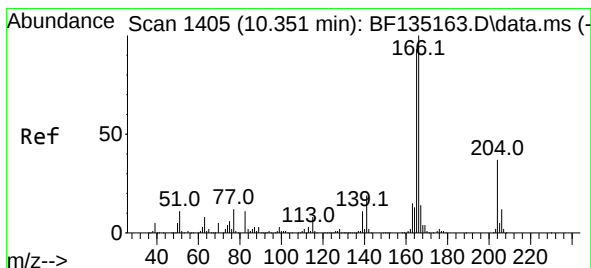
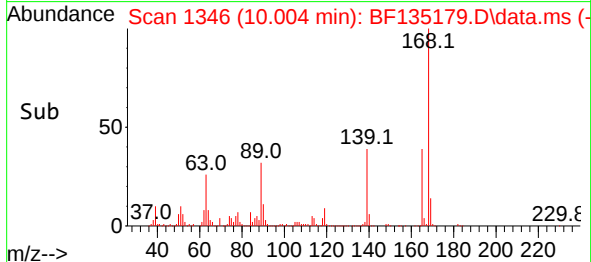
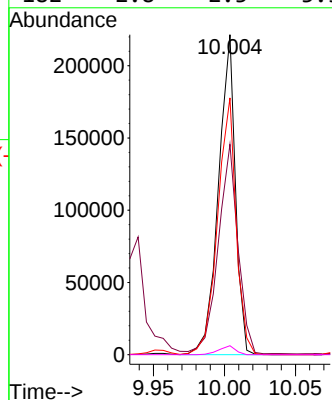
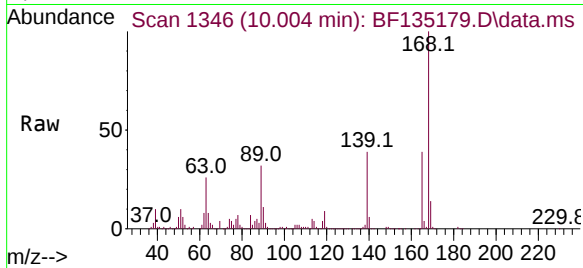




#57  
2,4-Dinitrotoluene  
Concen: 49.898 ng  
RT: 10.004 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF135179.D  
Acq: 12 Sep 2023 13:46

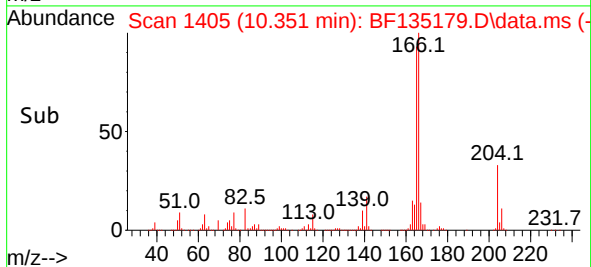
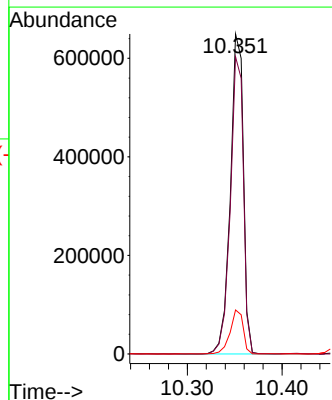
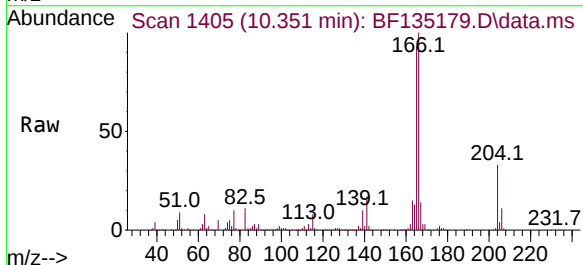
Instrument :  
BNA\_F  
ClientSampleId :  
SB-8(12-12.5)MS

Tgt Ion:165 Resp: 183268  
Ion Ratio Lower Upper  
165 100  
63 65.7 50.1 75.1  
89 80.3 59.3 88.9  
182 2.8 2.3 3.5



#58  
Fluorene  
Concen: 48.976 ng  
RT: 10.351 min Scan# 1405  
Delta R.T. 0.000 min  
Lab File: BF135179.D  
Acq: 12 Sep 2023 13:46

Tgt Ion:166 Resp: 623001  
Ion Ratio Lower Upper  
166 100  
165 92.9 74.3 111.5  
167 13.8 10.9 16.3

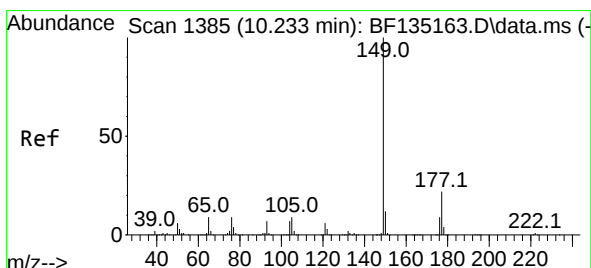
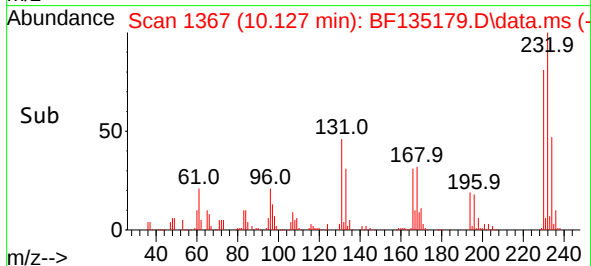
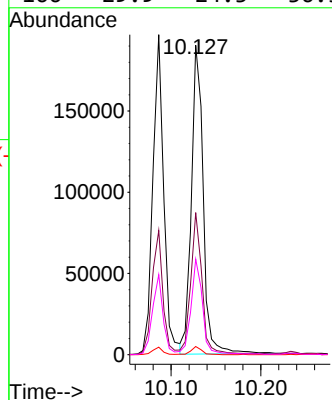
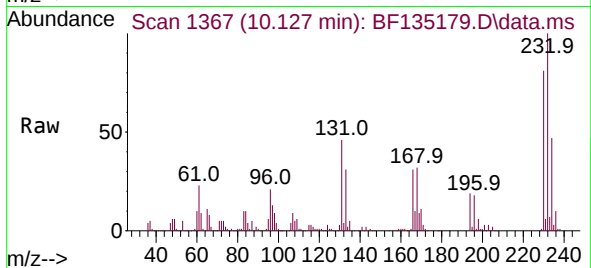




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 52.420 ng  
RT: 10.127 min Scan# 1367  
Delta R.T. 0.000 min  
Lab File: BF135179.D  
Acq: 12 Sep 2023 13:46

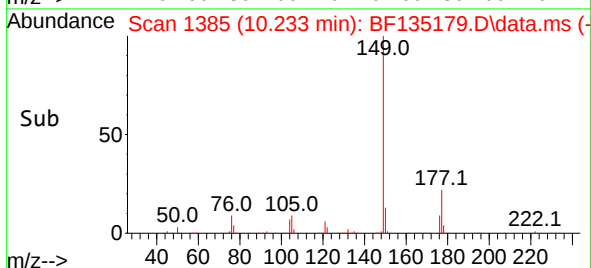
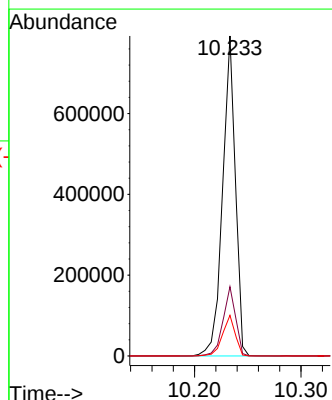
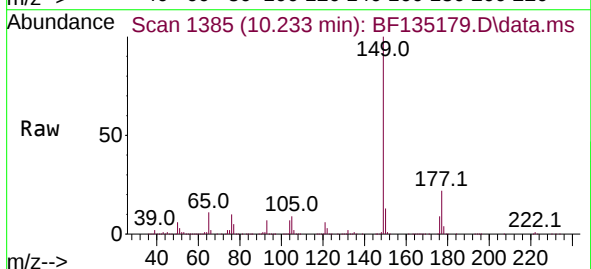
Instrument :  
BNA\_F  
ClientSampleId :  
SB-8(12-12.5)MS

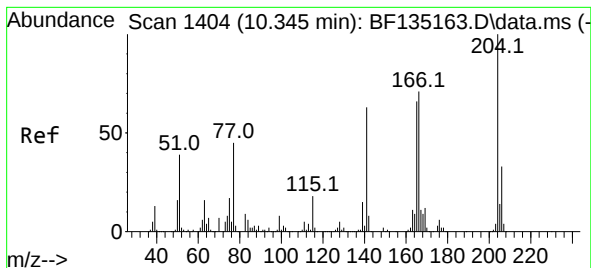
Tgt Ion:232 Resp: 174476  
Ion Ratio Lower Upper  
232 100  
131 43.7 35.4 53.2  
130 2.4 1.8 2.8  
166 29.9 24.3 36.5



#60  
Diethylphthalate  
Concen: 48.967 ng  
RT: 10.233 min Scan# 1385  
Delta R.T. 0.000 min  
Lab File: BF135179.D  
Acq: 12 Sep 2023 13:46

Tgt Ion:149 Resp: 658135  
Ion Ratio Lower Upper  
149 100  
177 21.7 17.8 26.6  
150 12.7 10.0 15.0

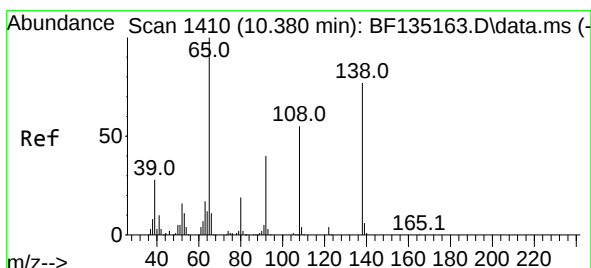
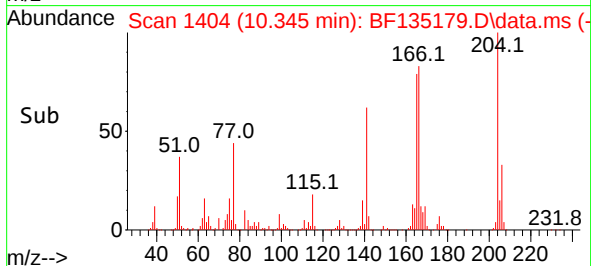
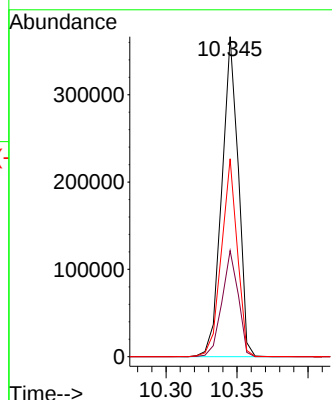
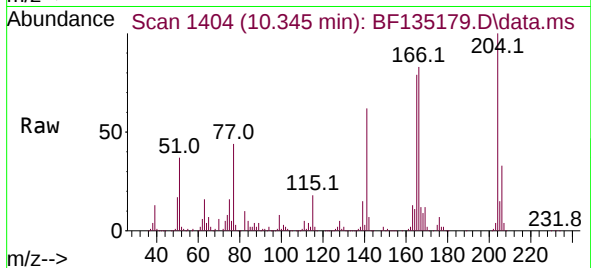




#61  
4-Chlorophenyl-phenylether  
Concen: 48.116 ng  
RT: 10.345 min Scan# 1410  
Delta R.T. 0.000 min  
Lab File: BF135179.D  
Acq: 12 Sep 2023 13:46

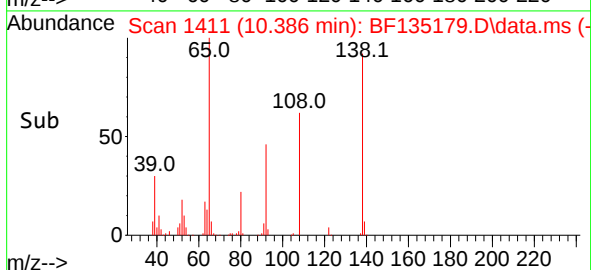
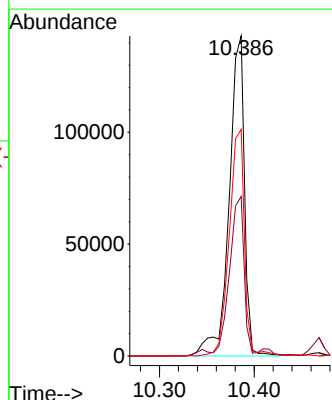
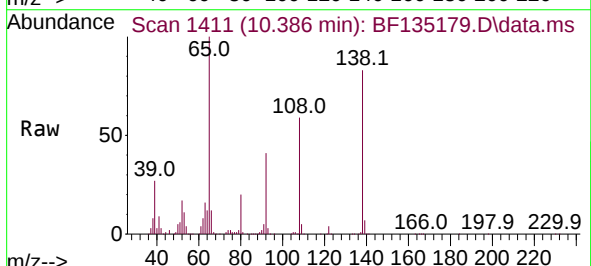
Instrument :  
BNA\_F  
ClientSampleId :  
SB-8(12-12.5)MS

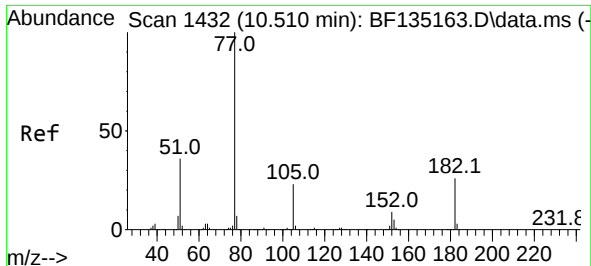
Tgt Ion:204 Resp: 294011  
Ion Ratio Lower Upper  
204 100  
206 33.2 26.7 40.1  
141 61.8 50.6 75.8



#62  
4-Nitroaniline  
Concen: 48.876 ng  
RT: 10.386 min Scan# 1411  
Delta R.T. 0.006 min  
Lab File: BF135179.D  
Acq: 12 Sep 2023 13:46

Tgt Ion:138 Resp: 161797  
Ion Ratio Lower Upper  
138 100  
92 49.9 31.8 71.8  
108 70.8 52.0 92.0

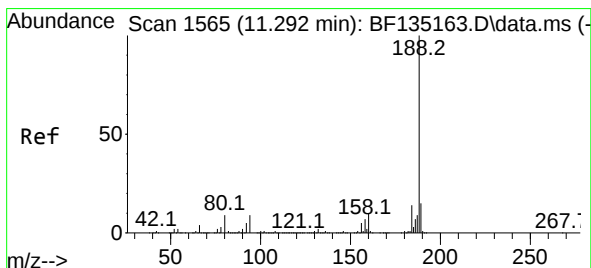
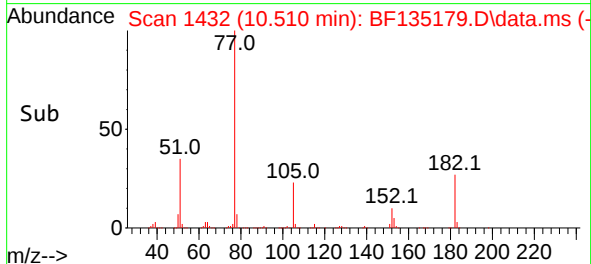
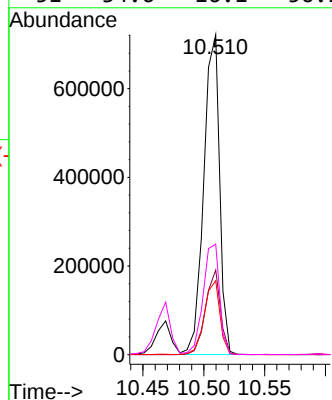
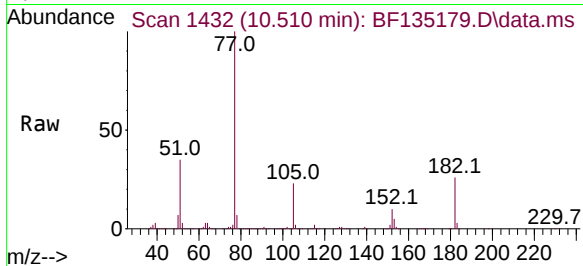




#63  
Azobenzene  
Concen: 49.551 ng  
RT: 10.510 min Scan# 1432  
Delta R.T. 0.000 min  
Lab File: BF135179.D  
Acq: 12 Sep 2023 13:46

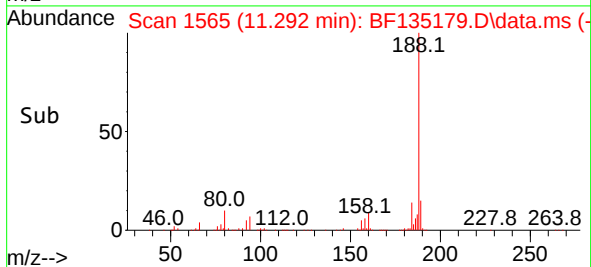
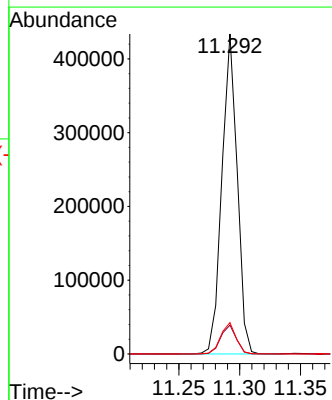
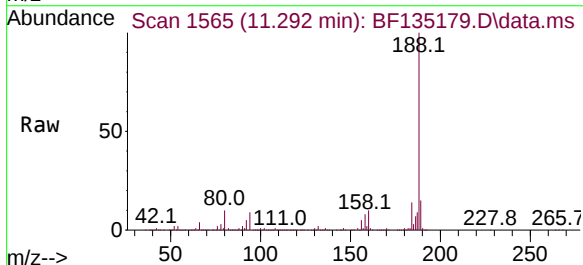
Instrument :  
BNA\_F  
ClientSampleId :  
SB-8(12-12.5)MS

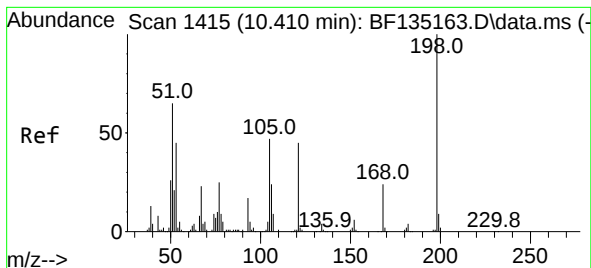
|             |              |
|-------------|--------------|
| Tgt Ion: 77 | Resp: 651798 |
| Ion Ratio   | Lower Upper  |
| 77 100      |              |
| 182 26.5    | 6.4 46.4     |
| 105 23.1    | 3.1 43.1     |
| 51 34.6     | 16.1 56.1    |



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.292 min Scan# 1565  
Delta R.T. 0.000 min  
Lab File: BF135179.D  
Acq: 12 Sep 2023 13:46

|             |              |       |  |
|-------------|--------------|-------|--|
| Tgt Ion:188 | Resp: 380018 |       |  |
| Ion Ratio   | Lower        | Upper |  |
| 188 100     |              |       |  |
| 94 9.0      | 7.0          | 10.6  |  |
| 80 9.8      | 7.5          | 11.3  |  |

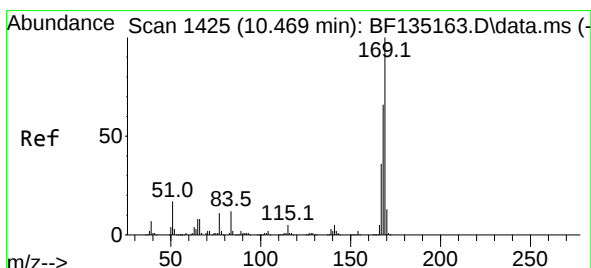
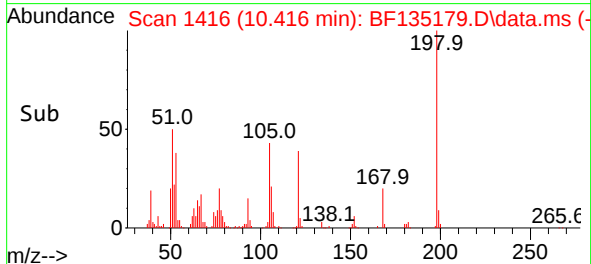
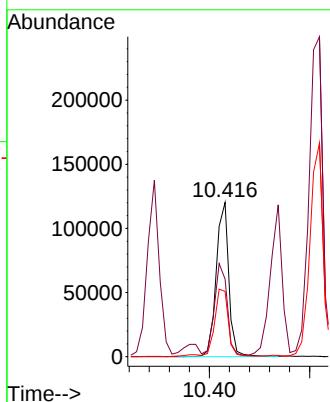
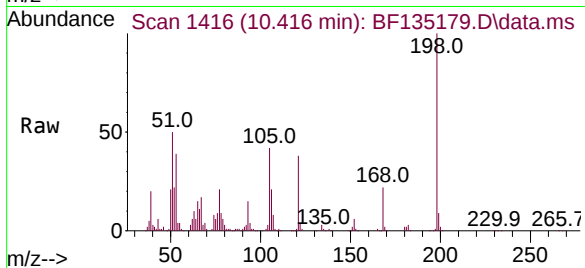




#65  
4,6-Dinitro-2-methylphenol  
Concen: 51.883 ng  
RT: 10.416 min Scan# 1416  
Delta R.T. 0.006 min  
Lab File: BF135179.D  
Acq: 12 Sep 2023 13:46

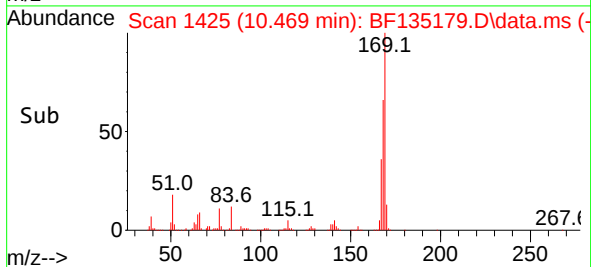
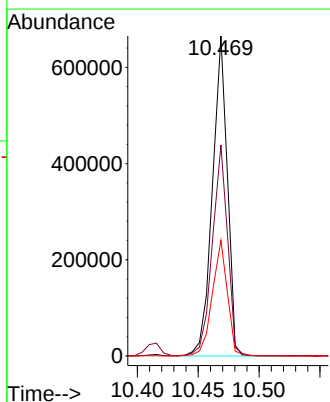
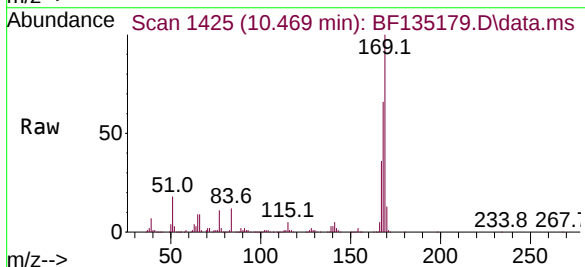
Instrument :  
BNA\_F  
ClientSampleId :  
SB-8(12-12.5)MS

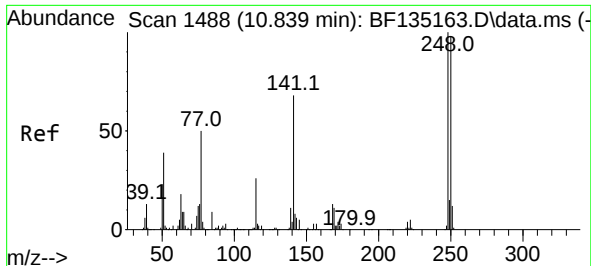
Tgt Ion:198 Resp: 104721  
Ion Ratio Lower Upper  
198 100  
51 50.3 47.7 87.7  
105 42.3 27.4 67.4



#66  
n-Nitrosodiphenylamine  
Concen: 49.265 ng  
RT: 10.469 min Scan# 1425  
Delta R.T. 0.000 min  
Lab File: BF135179.D  
Acq: 12 Sep 2023 13:46

Tgt Ion:169 Resp: 566792  
Ion Ratio Lower Upper  
169 100  
168 66.0 52.8 79.2  
167 36.2 29.0 43.6

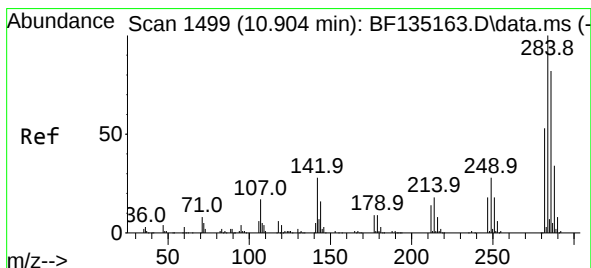
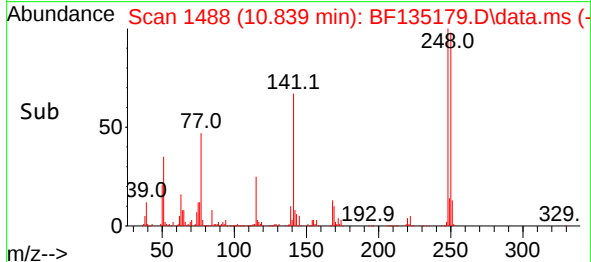
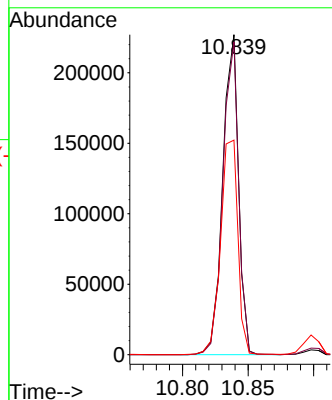
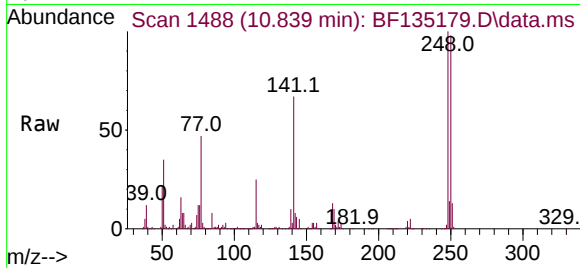




#67  
4-Bromophenyl-phenylether  
Concen: 50.229 ng  
RT: 10.839 min Scan# 1488  
Delta R.T. 0.000 min  
Lab File: BF135179.D  
Acq: 12 Sep 2023 13:46

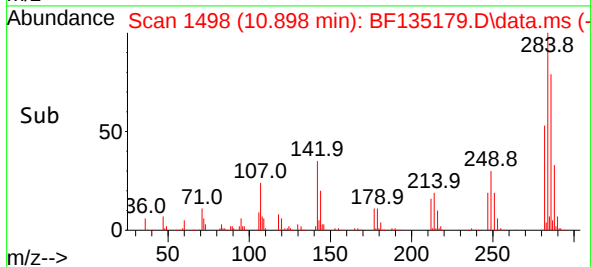
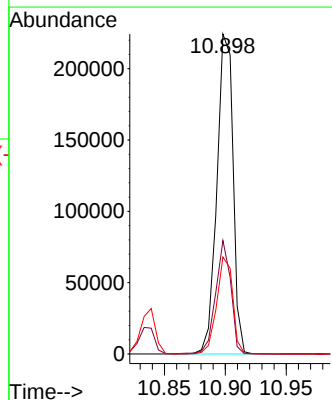
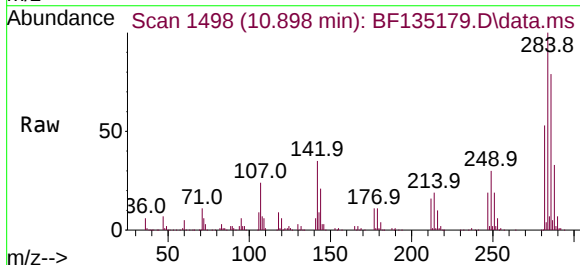
Instrument :  
BNA\_F  
ClientSampleId :  
SB-8(12-12.5)MS

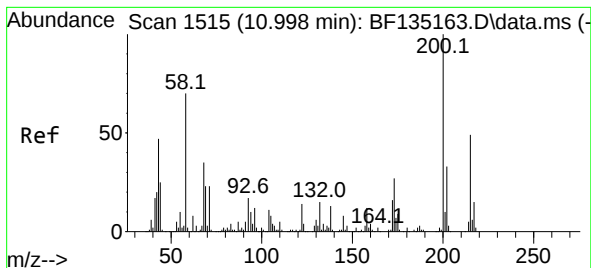
Tgt Ion:248 Resp: 189843  
Ion Ratio Lower Upper  
248 100  
250 97.7 78.6 117.8  
141 67.1 54.2 81.2



#68  
Hexachlorobenzene  
Concen: 53.899 ng  
RT: 10.898 min Scan# 1498  
Delta R.T. -0.006 min  
Lab File: BF135179.D  
Acq: 12 Sep 2023 13:46

Tgt Ion:284 Resp: 207538  
Ion Ratio Lower Upper  
284 100  
142 35.5 22.2 33.4#  
249 30.3 22.5 33.7





#69

Atrazine

Concen: 56.365 ng

RT: 11.004 min Scan# 1516

Delta R.T. 0.006 min

Lab File: BF135179.D

Acq: 12 Sep 2023 13:46

Instrument :

BNA\_F

ClientSampleId :

SB-8(12-12.5)MS

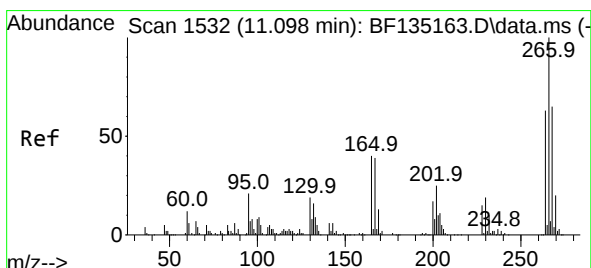
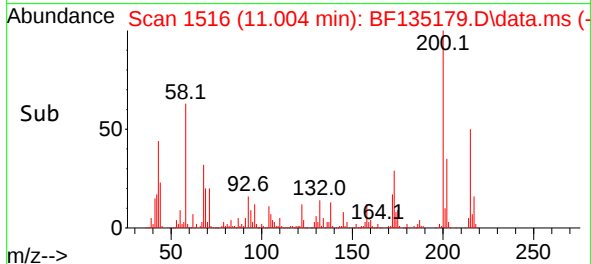
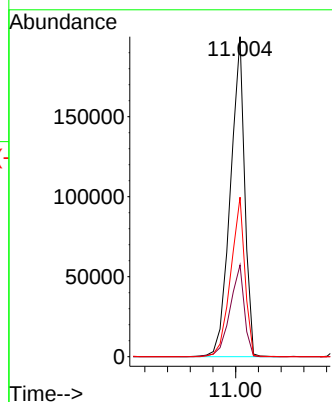
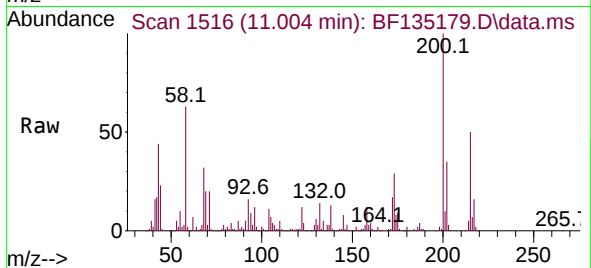
Tgt Ion:200 Resp: 174487

Ion Ratio Lower Upper

200 100

173 28.7 7.4 47.4

215 49.9 28.6 68.6



#70

Pentachlorophenol

Concen: 85.281 ng

RT: 11.098 min Scan# 1532

Delta R.T. 0.000 min

Lab File: BF135179.D

Acq: 12 Sep 2023 13:46

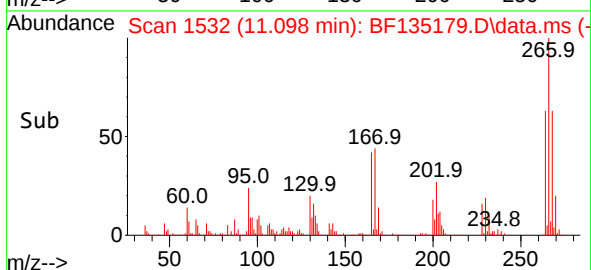
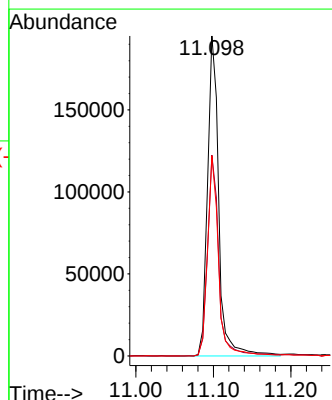
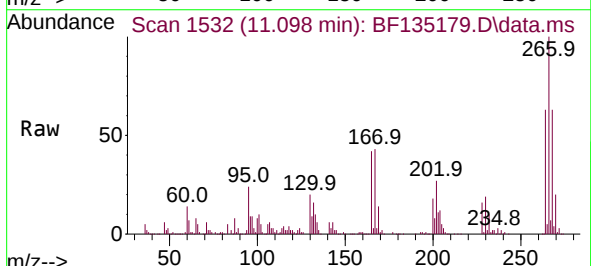
Tgt Ion:266 Resp: 196467

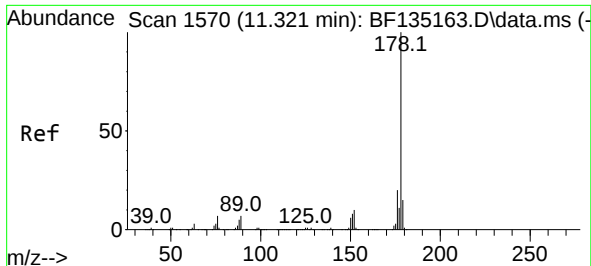
Ion Ratio Lower Upper

266 100

268 62.8 52.1 78.1

264 62.6 50.8 76.2

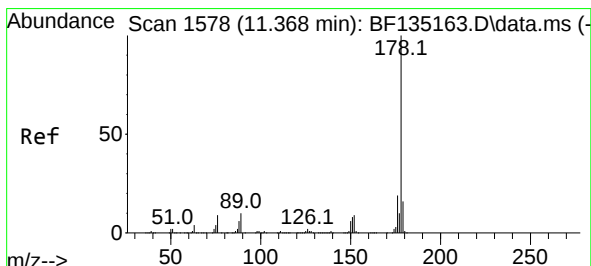
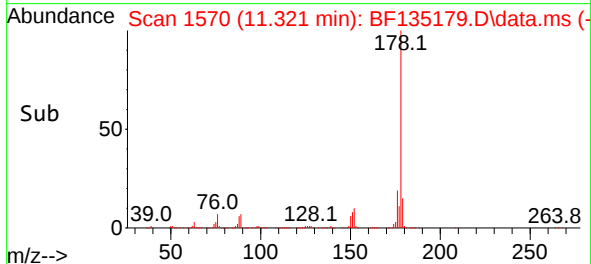
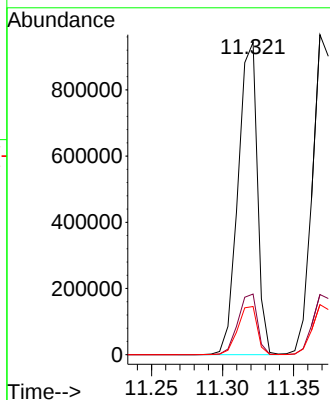
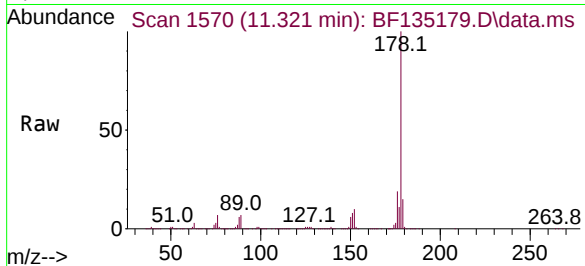




#71  
Phenanthrene  
Concen: 49.712 ng  
RT: 11.321 min Scan# 1570  
Delta R.T. 0.000 min  
Lab File: BF135179.D  
Acq: 12 Sep 2023 13:46

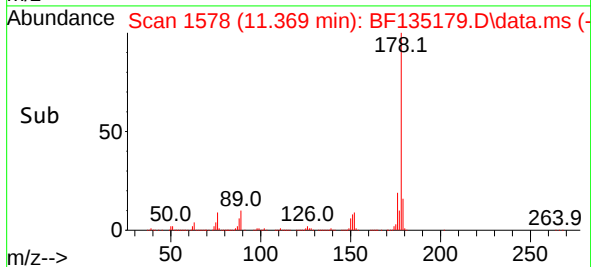
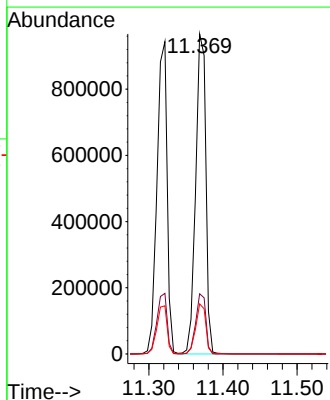
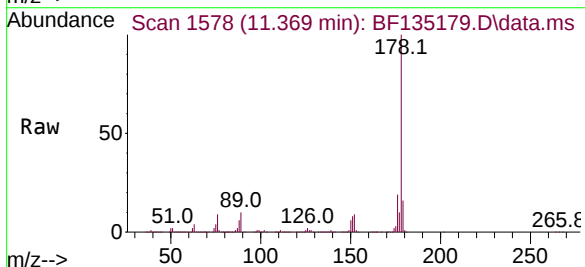
Instrument :  
BNA\_F  
ClientSampleId :  
SB-8(12-12.5)MS

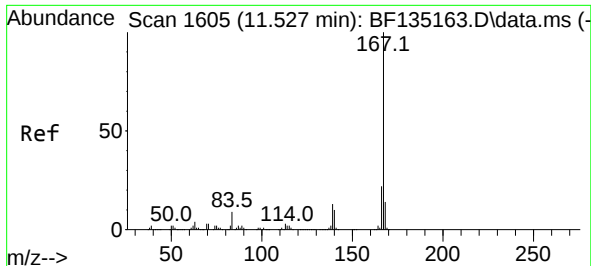
Tgt Ion:178 Resp: 893483  
Ion Ratio Lower Upper  
178 100  
176 19.4 15.6 23.4  
179 15.4 12.0 18.0



#72  
Anthracene  
Concen: 49.715 ng  
RT: 11.369 min Scan# 1578  
Delta R.T. 0.000 min  
Lab File: BF135179.D  
Acq: 12 Sep 2023 13:46

Tgt Ion:178 Resp: 918469  
Ion Ratio Lower Upper  
178 100  
176 18.8 15.4 23.2  
179 15.7 12.6 19.0

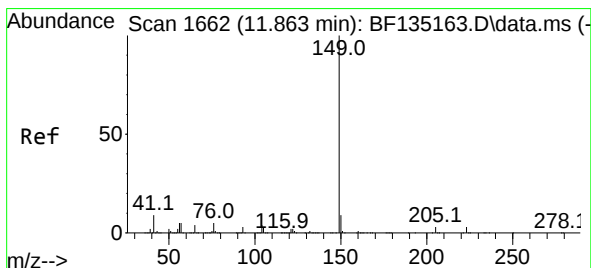
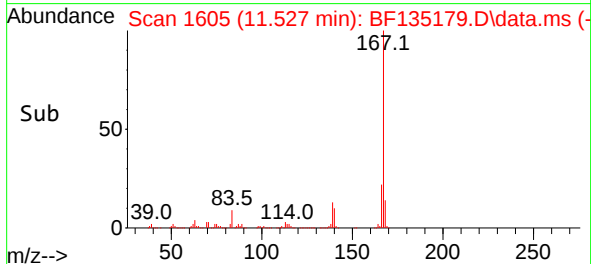
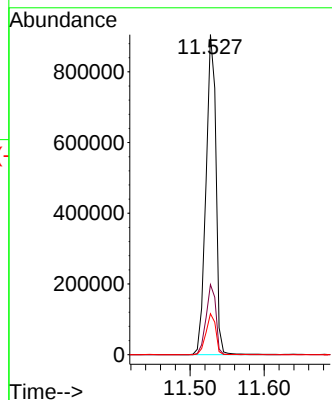
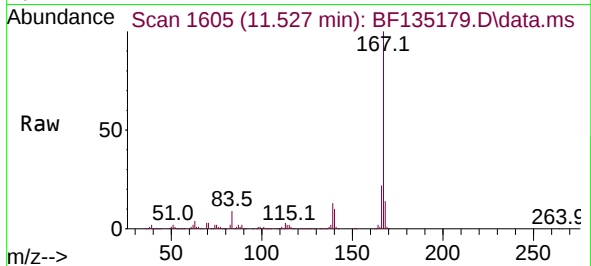




#73  
 Carbazole  
 Concen: 50.431 ng  
 RT: 11.527 min Scan# 1605  
 Delta R.T. 0.000 min  
 Lab File: BF135179.D  
 Acq: 12 Sep 2023 13:46

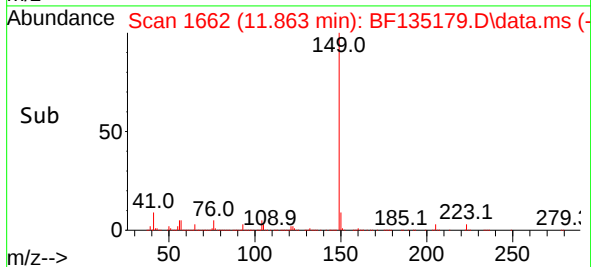
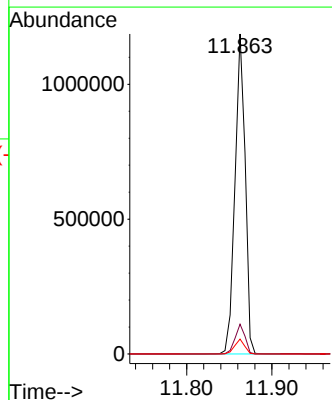
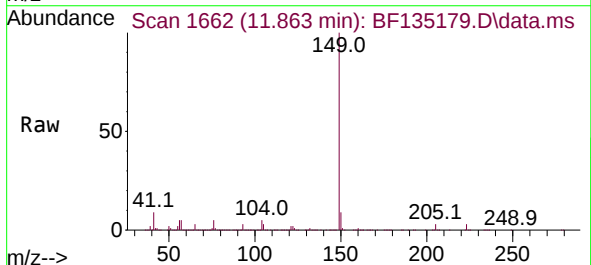
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-8(12-12.5)MS

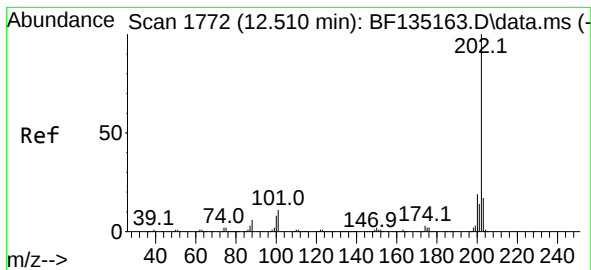
Tgt Ion:167 Resp: 848134  
 Ion Ratio Lower Upper  
 167 100  
 166 21.9 17.4 26.0  
 139 12.8 10.6 15.8



#74  
 Di-n-butylphthalate  
 Concen: 49.965 ng  
 RT: 11.863 min Scan# 1662  
 Delta R.T. 0.000 min  
 Lab File: BF135179.D  
 Acq: 12 Sep 2023 13:46

Tgt Ion:149 Resp: 990166  
 Ion Ratio Lower Upper  
 149 100  
 150 9.3 7.4 11.0  
 104 4.7 3.6 5.4

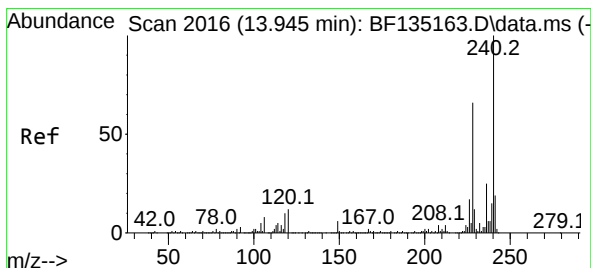
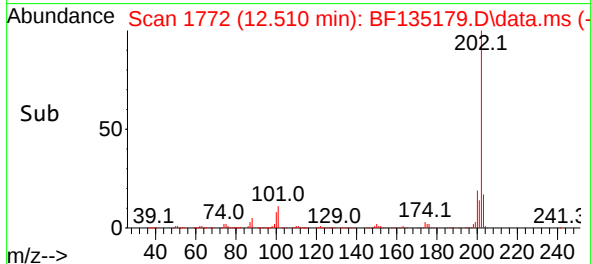
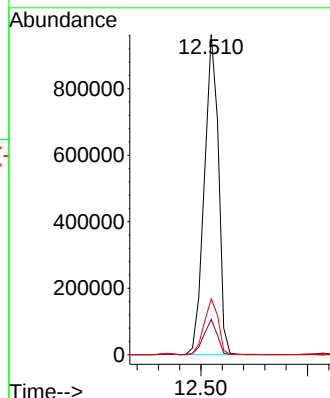
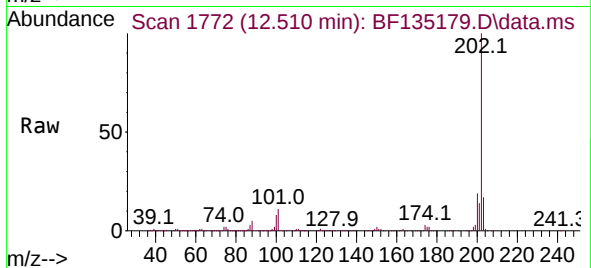




#75  
Fluoranthene  
Concen: 47.444 ng  
RT: 12.510 min Scan# 1  
Delta R.T. 0.000 min  
Lab File: BF135179.D  
Acq: 12 Sep 2023 13:46

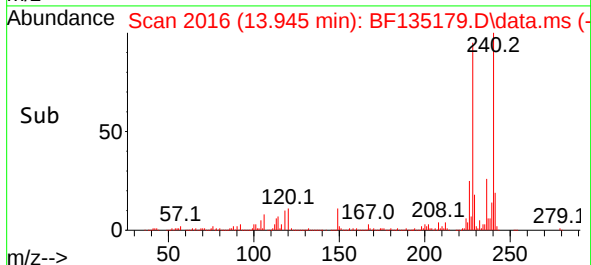
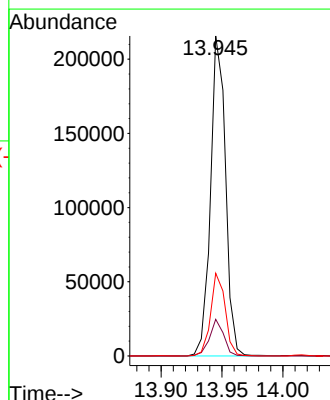
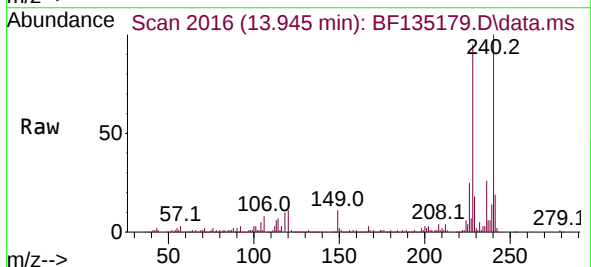
Instrument :  
BNA\_F  
ClientSampleId :  
SB-8(12-12.5)MS

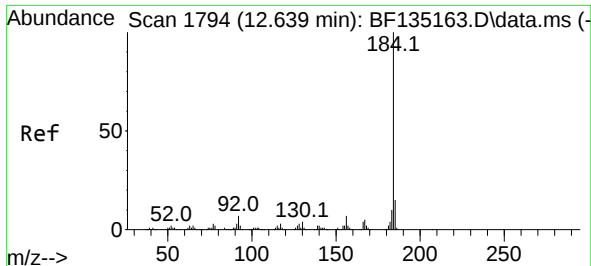
Tgt Ion:202 Resp: 888521  
Ion Ratio Lower Upper  
202 100  
101 11.0 0.0 31.3  
203 17.5 0.0 37.4



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.945 min Scan# 2016  
Delta R.T. 0.000 min  
Lab File: BF135179.D  
Acq: 12 Sep 2023 13:46

Tgt Ion:240 Resp: 184840  
Ion Ratio Lower Upper  
240 100  
120 11.5 9.4 14.2  
236 25.9 19.8 29.8

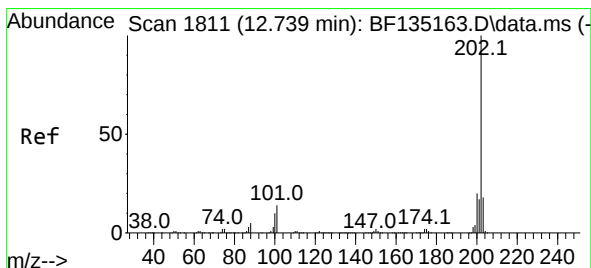
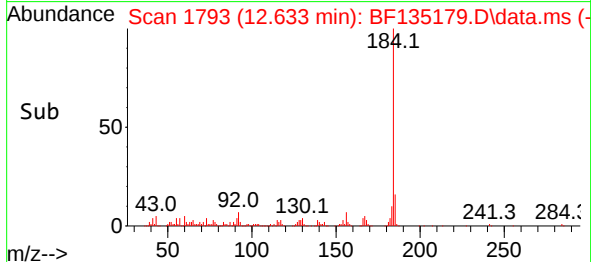
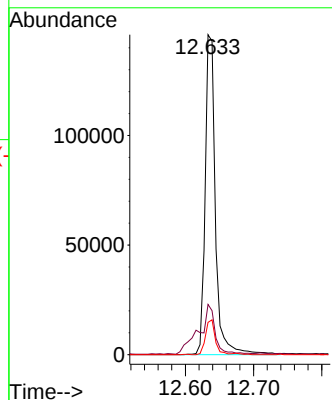
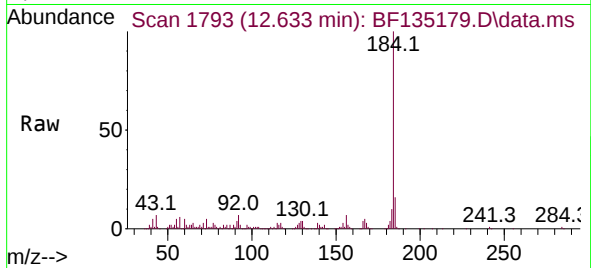




#77  
Benzidine  
Concen: 40.510 ng  
RT: 12.633 min Scan# 1793  
Delta R.T. -0.006 min  
Lab File: BF135179.D  
Acq: 12 Sep 2023 13:46

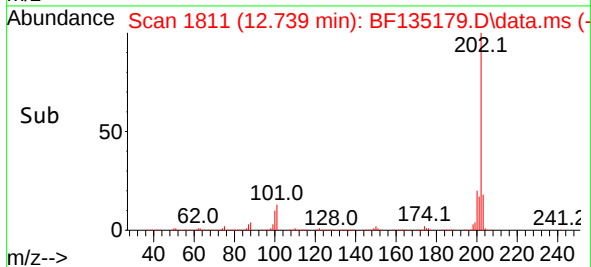
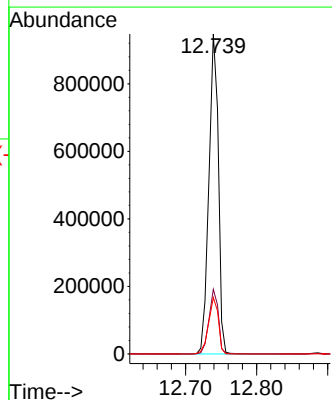
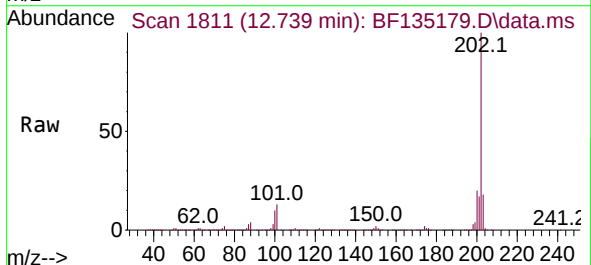
Instrument :  
BNA\_F  
ClientSampleId :  
SB-8(12-12.5)MS

Tgt Ion:184 Resp: 153401  
Ion Ratio Lower Upper  
184 100  
185 15.7 11.7 17.5  
183 10.1 8.2 12.4



#78  
Pyrene  
Concen: 50.076 ng  
RT: 12.739 min Scan# 1811  
Delta R.T. 0.000 min  
Lab File: BF135179.D  
Acq: 12 Sep 2023 13:46

Tgt Ion:202 Resp: 881238  
Ion Ratio Lower Upper  
202 100  
200 20.2 16.2 24.2  
203 17.6 14.2 21.4





#79

Terphenyl-d14

Concen: 69.135 ng

RT: 12.886 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF135179.D

Acq: 12 Sep 2023 13:46

Instrument :

BNA\_F

ClientSampleId :

SB-8(12-12.5)MS

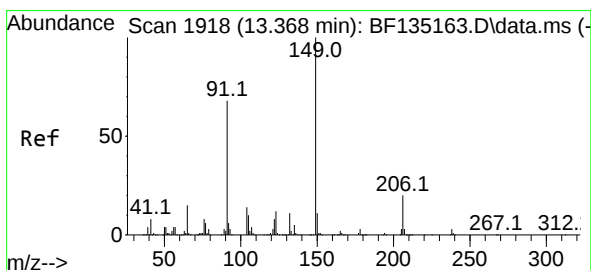
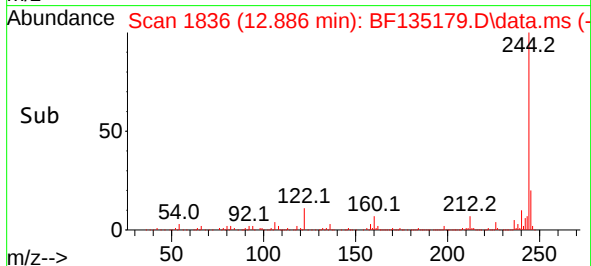
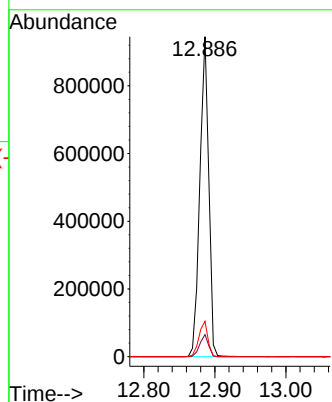
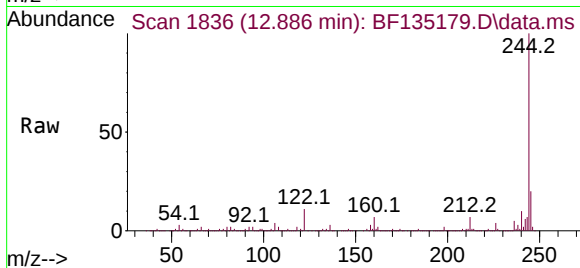
Tgt Ion:244 Resp: 824340

Ion Ratio Lower Upper

244 100

212 6.9 5.1 7.7

122 11.1 7.9 11.9



#80

Butylbenzylphthalate

Concen: 50.711 ng

RT: 13.368 min Scan# 1918

Delta R.T. 0.000 min

Lab File: BF135179.D

Acq: 12 Sep 2023 13:46

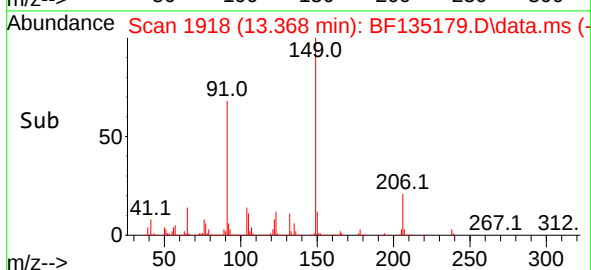
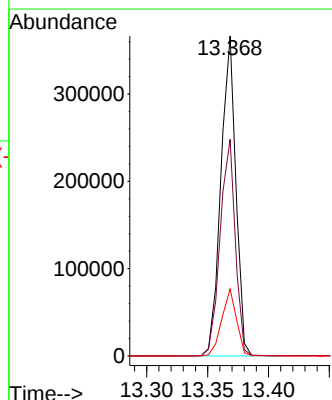
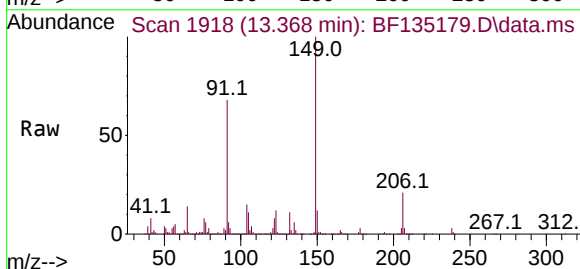
Tgt Ion:149 Resp: 314208

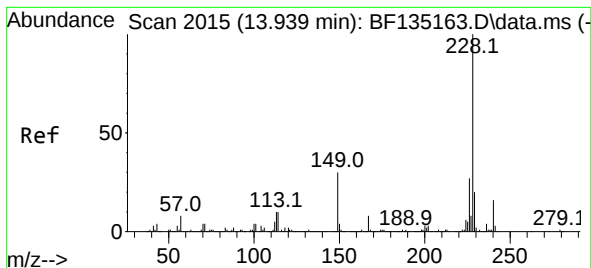
Ion Ratio Lower Upper

149 100

91 67.7 54.7 82.1

206 20.9 16.3 24.5





#81

Benzo(a)anthracene

Concen: 49.845 ng

RT: 13.939 min Scan# 2015

Delta R.T. 0.000 min

Lab File: BF135179.D

Acq: 12 Sep 2023 13:46

Instrument :

BNA\_F

ClientSampleId :

SB-8(12-12.5)MS

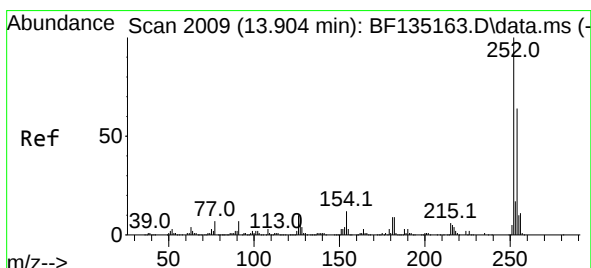
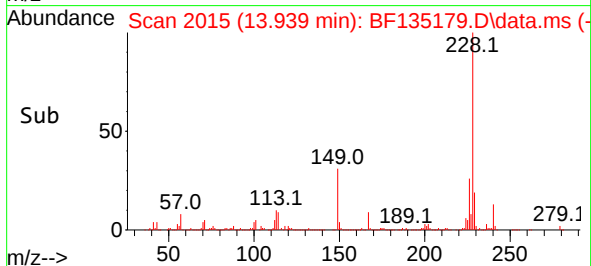
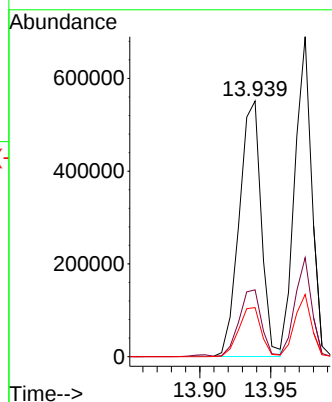
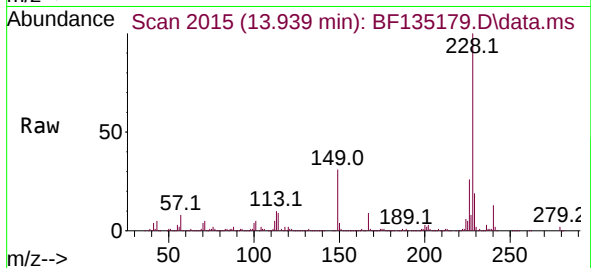
Tgt Ion:228 Resp: 594936

Ion Ratio Lower Upper

228 100

226 26.1 21.7 32.5

229 19.2 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 46.879 ng

RT: 13.904 min Scan# 2009

Delta R.T. 0.000 min

Lab File: BF135179.D

Acq: 12 Sep 2023 13:46

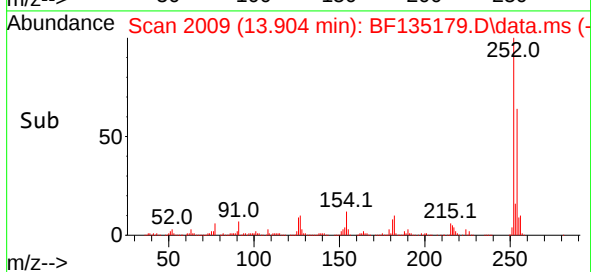
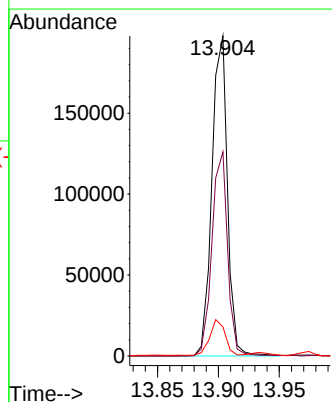
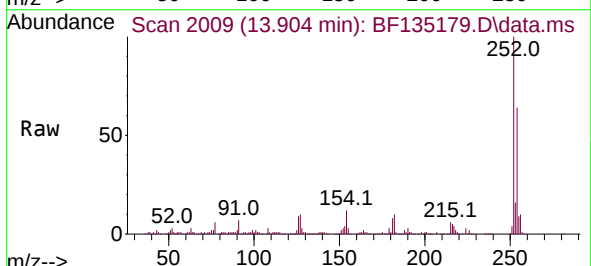
Tgt Ion:252 Resp: 174770

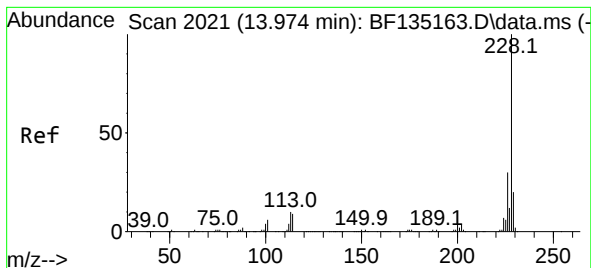
Ion Ratio Lower Upper

252 100

254 63.8 51.0 76.4

126 9.1 7.8 11.8





#83

Chrysene

Concen: 48.244 ng

RT: 13.974 min Scan# 2021

Delta R.T. 0.000 min

Lab File: BF135179.D

Acq: 12 Sep 2023 13:46

Instrument :

BNA\_F

ClientSampleId :

SB-8(12-12.5)MS

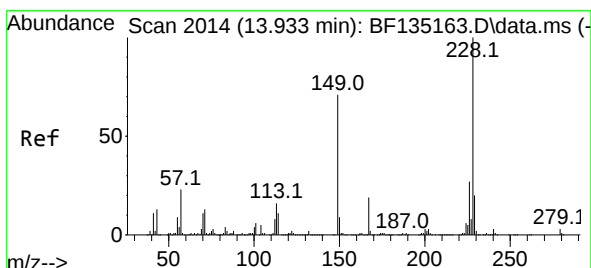
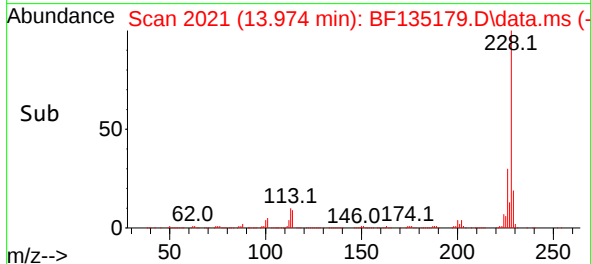
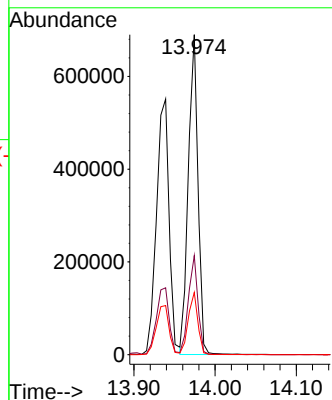
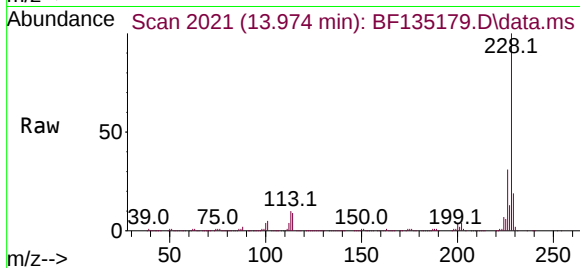
Tgt Ion:228 Resp: 572497

Ion Ratio Lower Upper

228 100

226 30.9 24.3 36.5

229 19.4 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 53.895 ng

RT: 13.933 min Scan# 2014

Delta R.T. 0.000 min

Lab File: BF135179.D

Acq: 12 Sep 2023 13:46

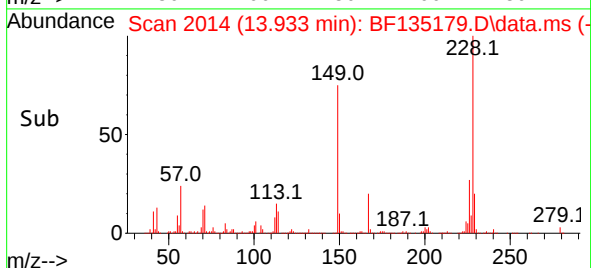
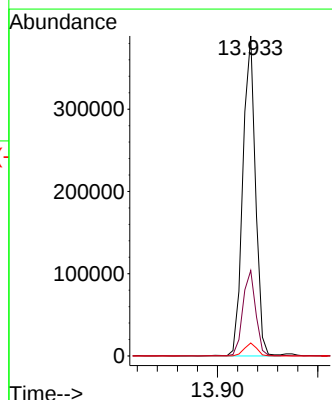
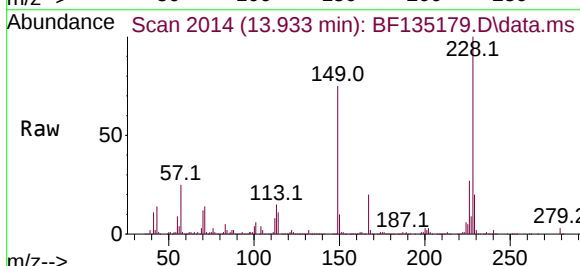
Tgt Ion:149 Resp: 342676

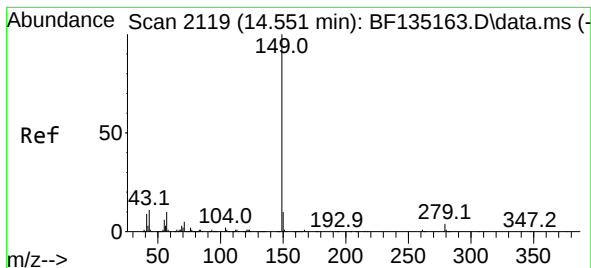
Ion Ratio Lower Upper

149 100

167 26.7 21.9 32.9

279 4.1 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 58.498 ng

RT: 14.551 min Scan# 2119

Delta R.T. 0.000 min

Lab File: BF135179.D

Acq: 12 Sep 2023 13:46

Instrument :

BNA\_F

ClientSampleId :

SB-8(12-12.5)MS

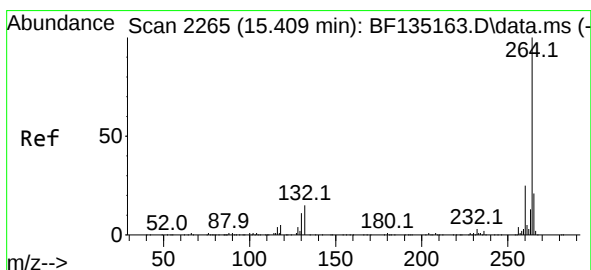
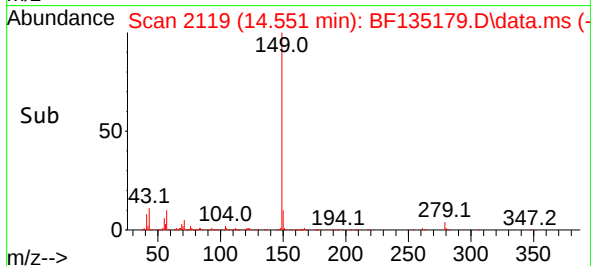
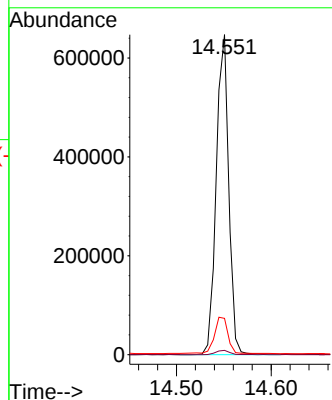
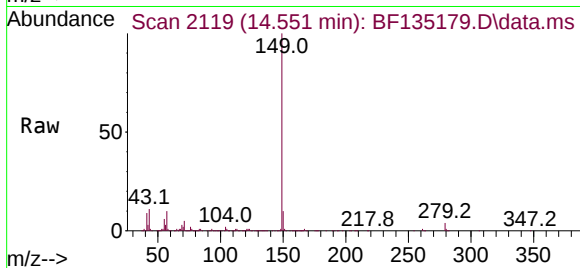
Tgt Ion:149 Resp: 591090

Ion Ratio Lower Upper

149 100

167 1.5 1.1 1.7

43 12.6 9.8 14.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.404 min Scan# 2264

Delta R.T. -0.006 min

Lab File: BF135179.D

Acq: 12 Sep 2023 13:46

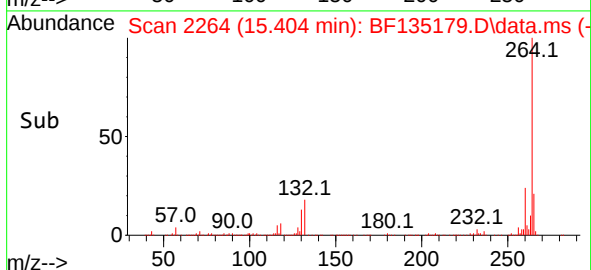
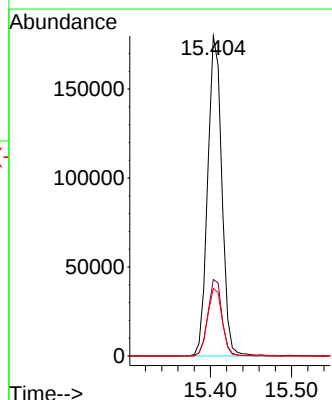
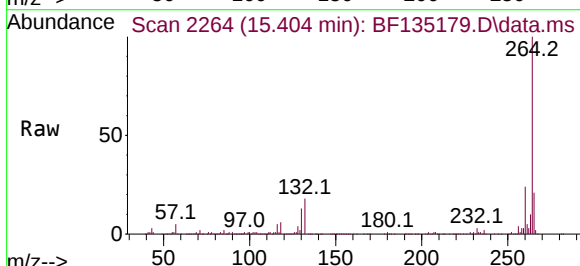
Tgt Ion:264 Resp: 216769

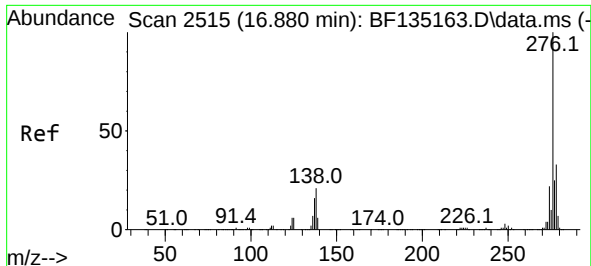
Ion Ratio Lower Upper

264 100

260 23.9 19.8 29.6

265 21.1 17.0 25.4

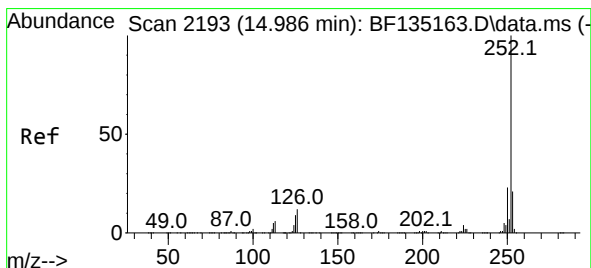
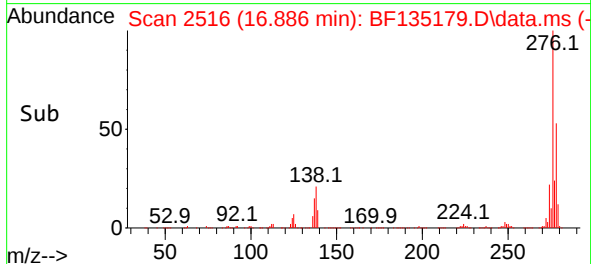
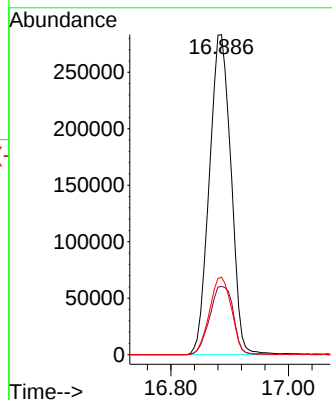
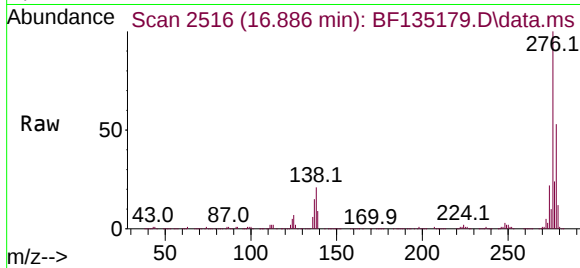




#87  
 Indeno(1,2,3-cd)pyrene  
 Concen: 50.874 ng  
 RT: 16.886 min Scan# 2193  
 Delta R.T. 0.006 min  
 Lab File: BF135179.D  
 Acq: 12 Sep 2023 13:46

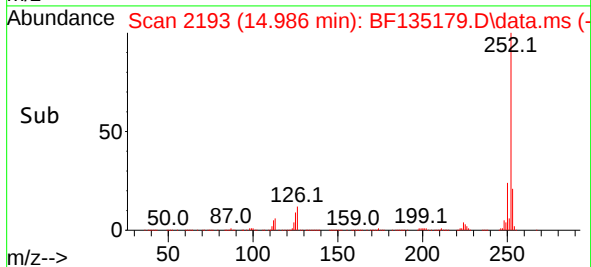
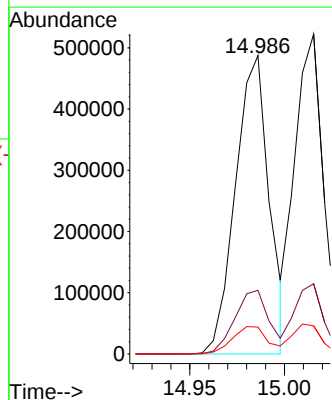
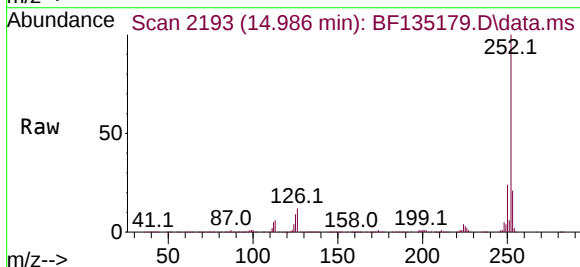
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-8(12-12.5)MS

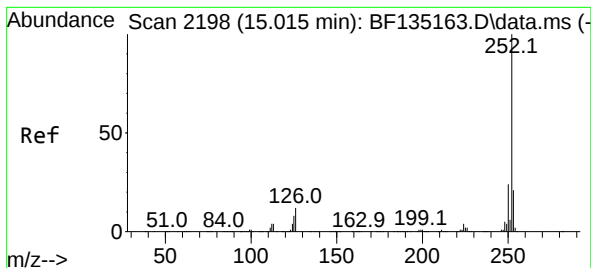
Tgt Ion:276 Resp: 723058  
 Ion Ratio Lower Upper  
 276 100  
 138 23.5 19.2 28.8  
 277 24.9 19.7 29.5



#88  
 Benzo(b)fluoranthene  
 Concen: 51.368 ng  
 RT: 14.986 min Scan# 2193  
 Delta R.T. 0.000 min  
 Lab File: BF135179.D  
 Acq: 12 Sep 2023 13:46

Tgt Ion:252 Resp: 602783  
 Ion Ratio Lower Upper  
 252 100  
 253 21.3 17.2 25.8  
 125 9.0 7.1 10.7





#89

Benzo(k)fluoranthene

Concen: 47.149 ng

RT: 15.015 min Scan# 2198

Delta R.T. 0.000 min

Lab File: BF135179.D

Acq: 12 Sep 2023 13:46

Instrument :

BNA\_F

ClientSampleId :

SB-8(12-12.5)MS

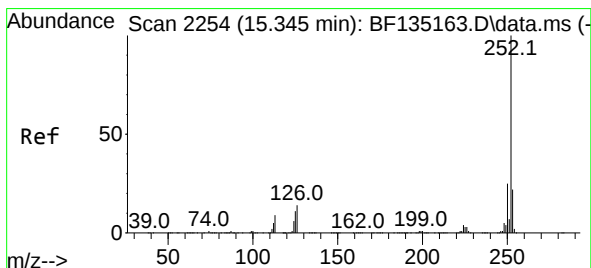
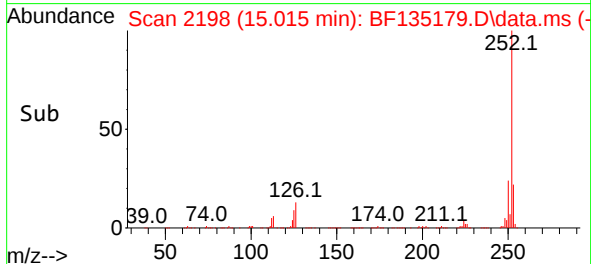
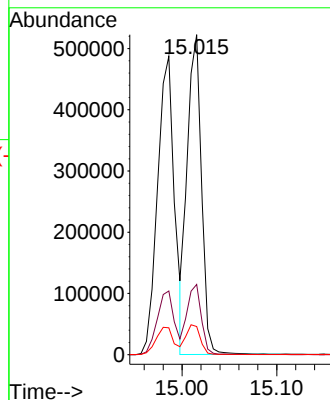
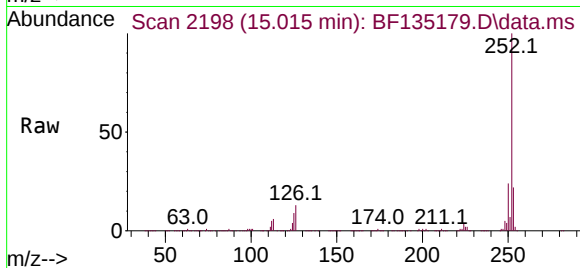
Tgt Ion:252 Resp: 546531

Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.0

125 8.8 7.2 10.8



#90

Benzo(a)pyrene

Concen: 48.126 ng

RT: 15.351 min Scan# 2255

Delta R.T. 0.006 min

Lab File: BF135179.D

Acq: 12 Sep 2023 13:46

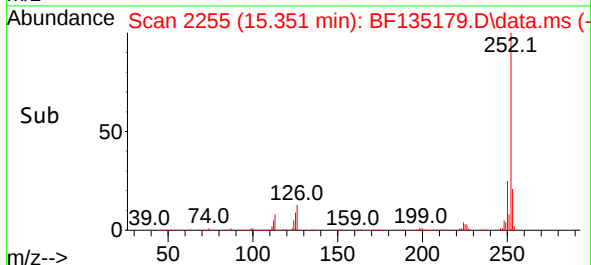
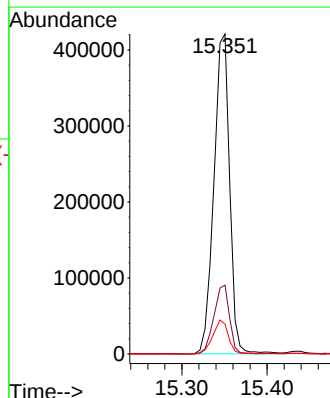
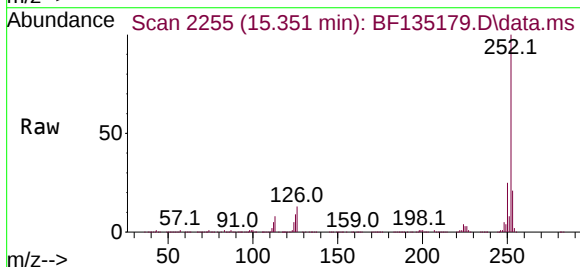
Tgt Ion:252 Resp: 538552

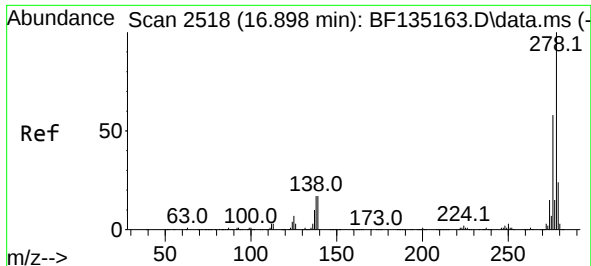
Ion Ratio Lower Upper

252 100

253 21.5 17.5 26.3

125 9.4 9.2 13.8

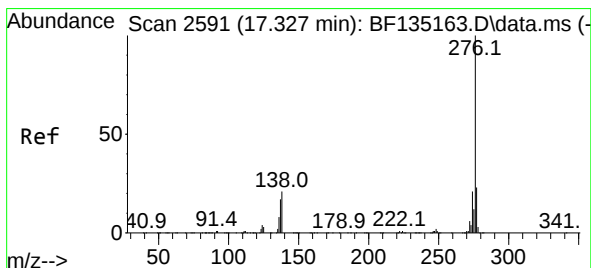
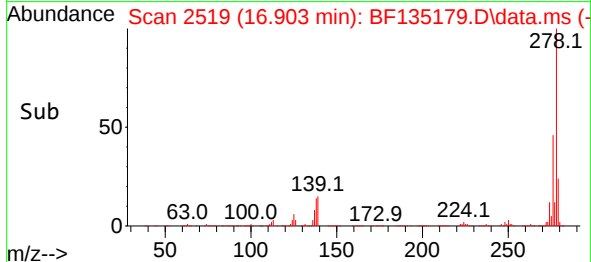
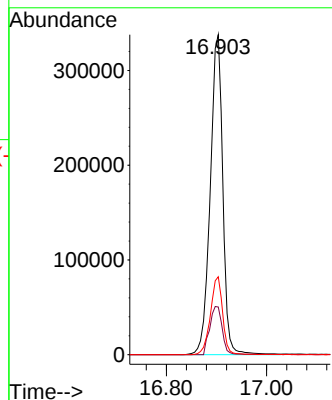
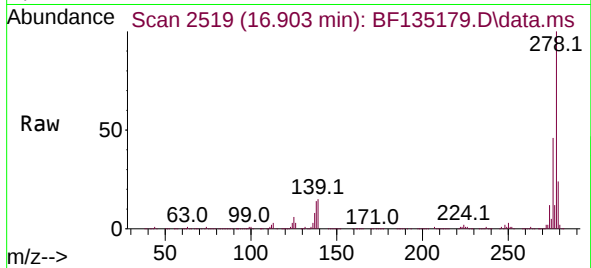




#91  
Dibenzo(a,h)anthracene  
Concen: 50.582 ng  
RT: 16.903 min Scan# 2519  
Delta R.T. 0.006 min  
Lab File: BF135179.D  
Acq: 12 Sep 2023 13:46

Instrument :  
BNA\_F  
ClientSampleId :  
SB-8(12-12.5)MS

Tgt Ion:278 Resp: 588225  
Ion Ratio Lower Upper  
278 100  
139 14.9 13.4 20.0  
279 24.4 19.0 28.6



#92  
Benzo(g,h,i)perylene  
Concen: 48.239 ng  
RT: 17.333 min Scan# 2592  
Delta R.T. 0.006 min  
Lab File: BF135179.D  
Acq: 12 Sep 2023 13:46

Tgt Ion:276 Resp: 585867  
Ion Ratio Lower Upper  
276 100  
277 24.0 18.8 28.2  
138 19.6 16.9 25.3

