

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF091423\  
 Data File : BF135250.D  
 Acq On : 14 Sep 2023 13:02  
 Operator : CG\JU  
 Sample : PB155315BS  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :

Quant Time: Sep 15 01:07:18 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  | 122333   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.045  | 136  | 475977   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.804  | 164  | 248089   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.298 | 188  | 479511   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 13.951 | 240  | 259131   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 15.415 | 264  | 229087   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.410  | 112  | 949242   | 126.204 | ng    | 0.02     |
| 7) Phenol-d6                  | 6.416  | 99   | 1192076  | 124.642 | ng    | 0.01     |
| 23) Nitrobenzene-d5           | 7.334  | 82   | 788823   | 90.039  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.604 | 330  | 325729   | 132.120 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.128  | 172  | 1367353  | 83.154  | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.898 | 244  | 1538070  | 92.012  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.587  | 88   | 125606   | 38.094  | ng    | 100      |
| 3) Pyridine                   | 3.340  | 79   | 328183   | 36.982  | ng    | 98       |
| 4) n-Nitrosodimethylamine     | 3.299  | 42   | 217707   | 46.231  | ng    | 97       |
| 6) Aniline                    | 6.434  | 93   | 390264   | 31.118  | ng    | # 69     |
| 8) 2-Chlorophenol             | 6.551  | 128  | 378571   | 47.149  | ng    | 98       |
| 9) Benzaldehyde               | 6.316  | 77   | 128318   | 23.551  | ng    | 98       |
| 10) Phenol                    | 6.428  | 94   | 435050   | 41.483  | ng    | 85       |
| 11) bis(2-Chloroethyl)ether   | 6.510  | 93   | 354532   | 45.068  | ng    | 97       |
| 12) 1,3-Dichlorobenzene       | 6.704  | 146  | 372291   | 45.624  | ng    | 98       |
| 13) 1,4-Dichlorobenzene       | 6.781  | 146  | 378817   | 45.630  | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 6.934  | 146  | 358036   | 46.439  | ng    | 99       |
| 15) Benzyl Alcohol            | 6.916  | 79   | 320254   | 46.664  | ng    | 98       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.045  | 45   | 666331   | 44.938  | ng    | 97       |
| 17) 2-Methylphenol            | 7.028  | 107  | 306010   | 43.188  | ng    | 96       |
| 18) Hexachloroethane          | 7.269  | 117  | 143952   | 46.928  | ng    | 89       |
| 19) n-Nitroso-di-n-propyla... | 7.187  | 70   | 252450   | 42.615  | ng    | 96       |
| 20) 3+4-Methylphenols         | 7.181  | 107  | 354091   | 41.560  | ng    | 94       |
| 22) Acetophenone              | 7.181  | 105  | 494360   | 45.429  | ng    | 96       |
| 24) Nitrobenzene              | 7.351  | 77   | 394599   | 45.569  | ng    | 99       |
| 25) Isophorone                | 7.592  | 82   | 729873   | 45.369  | ng    | 100      |
| 26) 2-Nitrophenol             | 7.663  | 139  | 200872   | 48.333  | ng    | 95       |
| 27) 2,4-Dimethylphenol        | 7.710  | 122  | 336000   | 48.098  | ng    | 99       |
| 28) bis(2-Chloroethoxy)met... | 7.804  | 93   | 442658   | 45.972  | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 7.910  | 162  | 304199   | 46.994  | ng    | 98       |
| 30) 1,2,4-Trichlorobenzene    | 7.987  | 180  | 317956   | 46.994  | ng    | 98       |
| 31) Naphthalene               | 8.069  | 128  | 1045087  | 45.190  | ng    | 100      |
| 32) Benzoic acid              | 7.857  | 122  | 262844   | 49.967  | ng    | 93       |
| 33) 4-Chloroaniline           | 8.116  | 127  | 164885   | 16.250  | ng    | 98       |
| 34) Hexachlorobutadiene       | 8.181  | 225  | 186042   | 45.602  | ng    | 99       |
| 35) Caprolactam               | 8.504  | 113  | 59980    | 27.609  | ng    | 98       |
| 36) 4-Chloro-3-methylphenol   | 8.610  | 107  | 345124   | 47.972  | ng    | 99       |
| 37) 2-Methylnaphthalene       | 8.763  | 142  | 674688   | 43.401  | ng    | 100      |
| 38) 1-Methylnaphthalene       | 8.857  | 142  | 625357   | 42.967  | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 8.928  | 216  | 316844   | 44.084  | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 8.910  | 237  | 272068   | 85.363  | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 9.045  | 196  | 220916   | 46.945  | ng    | 98       |

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 ALS Vial : 6 Sample Multiplier: 1

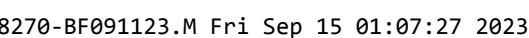
Instrument :  
 BNA\_F  
 ClientSampleId :

Quant Time: Sep 15 01:07:18 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     | 9.086  | 196  | 238951   | 44.092 | ng    | 96       |
| 46) 1,1'-Biphenyl             | 9.228  | 154  | 848834   | 44.523 | ng    | 98       |
| 47) 2-Chloronaphthalene       | 9.251  | 162  | 633399   | 45.789 | ng    | 98       |
| 48) 2-Nitroaniline            | 9.351  | 65   | 247183   | 45.996 | ng    | 96       |
| 49) Acenaphthylene            | 9.669  | 152  | 1009168  | 43.897 | ng    | 100      |
| 50) Dimethylphthalate         | 9.539  | 163  | 773570   | 46.119 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 9.598  | 165  | 172022   | 46.815 | ng    | 97       |
| 52) Acenaphthene              | 9.839  | 154  | 610830   | 44.977 | ng    | 97       |
| 53) 3-Nitroaniline            | 9.769  | 138  | 135362   | 31.383 | ng    | 95       |
| 54) 2,4-Dinitrophenol         | 9.886  | 184  | 192211   | 91.196 | ng    | 91       |
| 55) Dibenzofuran              | 10.016 | 168  | 888825   | 42.888 | ng    | 100      |
| 56) 4-Nitrophenol             | 9.945  | 139  | 258832   | 94.420 | ng    | 95       |
| 57) 2,4-Dinitrotoluene        | 10.010 | 165  | 207712   | 45.154 | ng    | 89       |
| 58) Fluorene                  | 10.357 | 166  | 693346   | 43.519 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.133 | 232  | 198137   | 47.529 | ng    | 98       |
| 60) Diethylphthalate          | 10.239 | 149  | 769373   | 45.705 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 10.351 | 204  | 335133   | 43.790 | ng    | 94       |
| 62) 4-Nitroaniline            | 10.392 | 138  | 195062   | 47.047 | ng    | 99       |
| 63) Azobenzene                | 10.510 | 77   | 755258   | 45.843 | ng    | 98       |
| 65) 4,6-Dinitro-2-methylph... | 10.422 | 198  | 132053   | 51.850 | ng    | 89       |
| 66) n-Nitrosodiphenylamine    | 10.475 | 169  | 661430   | 45.562 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 10.839 | 248  | 218709   | 45.860 | ng    | 93       |
| 68) Hexachlorobenzene         | 10.904 | 284  | 238556   | 49.100 | ng    | 92       |
| 69) Atrazine                  | 11.010 | 200  | 219403   | 56.169 | ng    | 99       |
| 70) Pentachlorophenol         | 11.104 | 266  | 250902   | 86.313 | ng    | 98       |
| 71) Phenanthrene              | 11.322 | 178  | 1052159  | 46.394 | ng    | 99       |
| 72) Anthracene                | 11.375 | 178  | 1073491  | 46.050 | ng    | 99       |
| 73) Carbazole                 | 11.533 | 167  | 1029685  | 48.522 | ng    | 100      |
| 74) Di-n-butylphthalate       | 11.869 | 149  | 1232085  | 49.273 | ng    | 100      |
| 75) Fluoranthene              | 12.516 | 202  | 1138956  | 48.197 | ng    | 99       |
| 77) Benzidine                 | 12.639 | 184  | 356894   | 67.227 | ng    | 99       |
| 78) Pyrene                    | 12.745 | 202  | 1154805  | 46.808 | ng    | 100      |
| 80) Butylbenzylphthalate      | 13.374 | 149  | 485011   | 55.836 | ng    | 99       |
| 81) Benzo(a)anthracene        | 13.945 | 228  | 773181   | 46.208 | ng    | 98       |
| 82) 3,3'-Dichlorobenzidine    | 13.910 | 252  | 177540   | 33.969 | ng    | 98       |
| 83) Chrysene                  | 13.980 | 228  | 765801   | 46.032 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 13.933 | 149  | 562148   | 63.066 | ng    | 99       |
| 85) Di-n-octyl phthalate      | 14.551 | 149  | 855057   | 60.362 | ng    | 100      |
| 87) Indeno(1,2,3-cd)pyrene    | 16.904 | 276  | 756275   | 50.350 | ng    | 99       |
| 88) Benzo(b)fluoranthene      | 14.992 | 252  | 625148   | 50.410 | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 15.021 | 252  | 619438   | 50.565 | ng    | 99       |
| 90) Benzo(a)pyrene            | 15.357 | 252  | 562518   | 47.565 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 16.921 | 278  | 614039   | 49.963 | ng    | 97       |
| 92) Benzo(g,h,i)perylene      | 17.351 | 276  | 616680   | 48.046 | ng    | 98       |

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

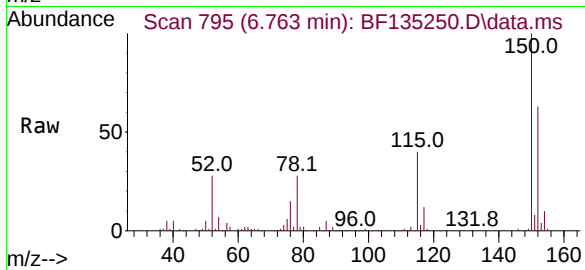
Quant Time: Sep 15 01:07:18 2023  
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QLast Update : Tue Sep 12 00:19:07 2023  
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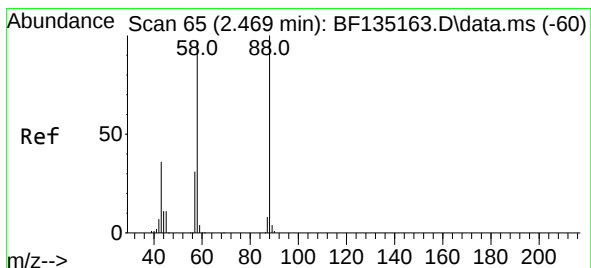
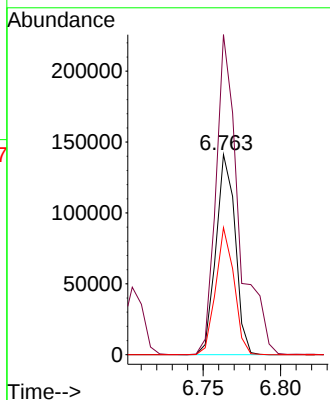
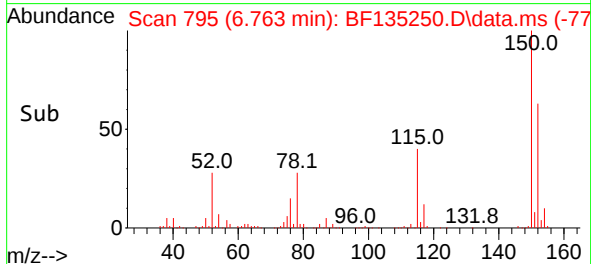


#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.763 min Scan# 79  
 Delta R.T. 0.000 min  
 Lab File: BF135250.D  
 Acq: 14 Sep 2023 13:02

Instrument :  
 BNA\_F  
 ClientSampleId :

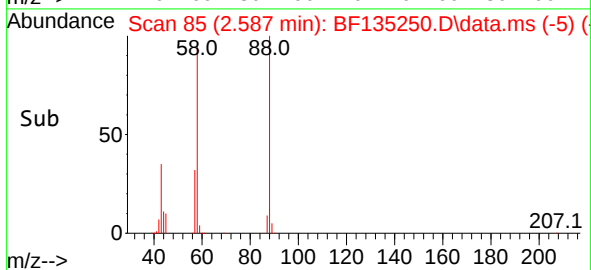
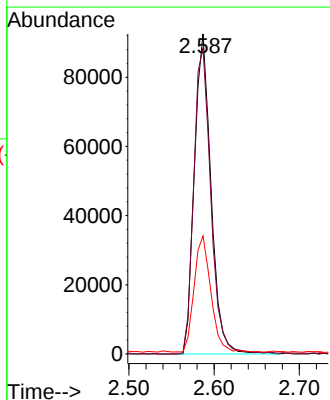
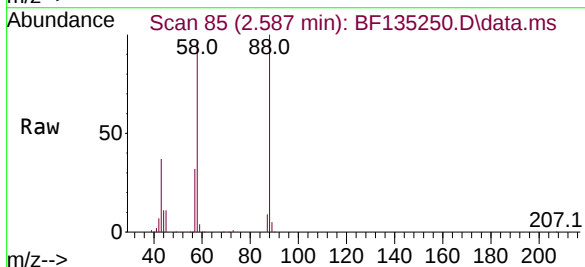


Tgt Ion:152 Resp: 122333  
 Ion Ratio Lower Upper  
 152 100  
 150 159.9 127.8 191.6  
 115 63.5 49.8 74.8



#2  
 1,4-Dioxane  
 Concen: 38.094 ng  
 RT: 2.587 min Scan# 85  
 Delta R.T. 0.118 min  
 Lab File: BF135250.D  
 Acq: 14 Sep 2023 13:02

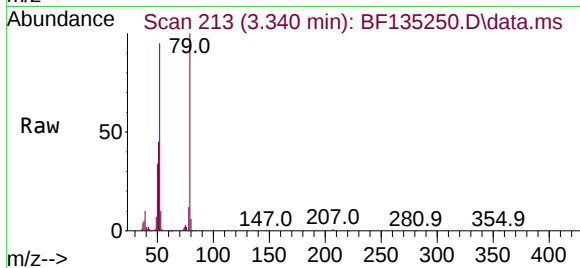
Tgt Ion: 88 Resp: 125606  
 Ion Ratio Lower Upper  
 88 100  
 58 97.8 78.3 117.5  
 43 36.5 29.4 44.0



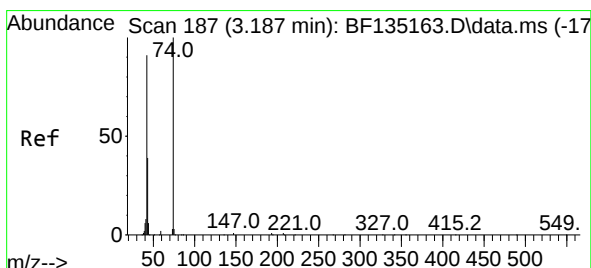
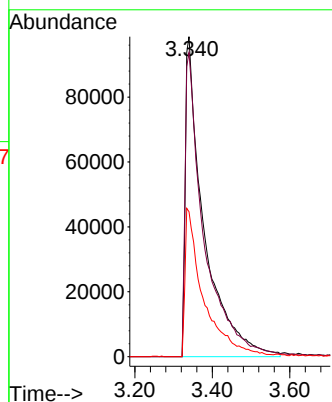
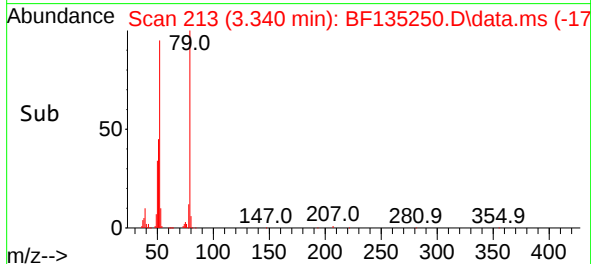


#3  
 Pyridine  
 Concen: 36.982 ng  
 RT: 3.340 min Scan# 21  
 Delta R.T. 0.124 min  
 Lab File: BF135250.D  
 Acq: 14 Sep 2023 13:02

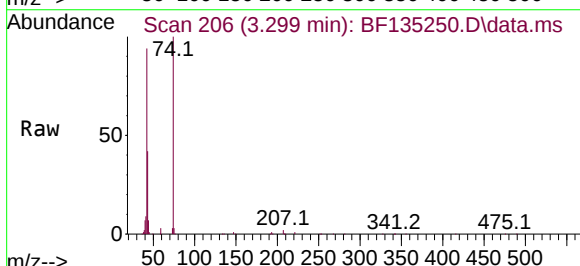
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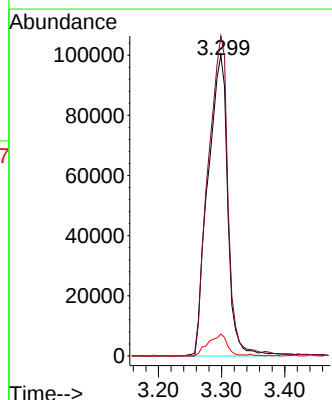
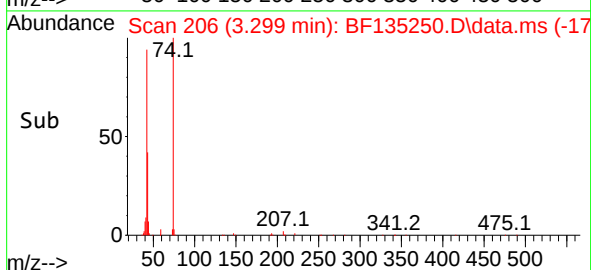
Tgt Ion: 79 Resp: 328183  
 Ion Ratio Lower Upper  
 79 100  
 52 95.1 74.1 111.1  
 51 45.3 35.8 53.8

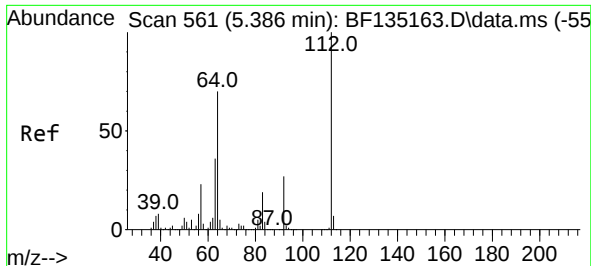


#4  
 n-Nitrosodimethylamine  
 Concen: 46.231 ng  
 RT: 3.299 min Scan# 206  
 Delta R.T. 0.112 min  
 Lab File: BF135250.D  
 Acq: 14 Sep 2023 13:02



Tgt Ion: 42 Resp: 217707  
 Ion Ratio Lower Upper  
 42 100  
 74 106.4 87.7 131.5  
 44 7.3 5.6 8.4

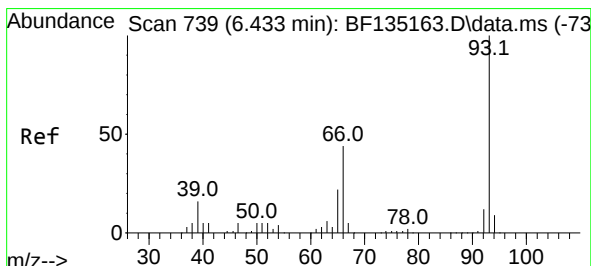
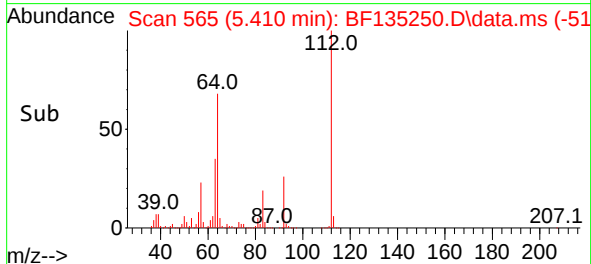
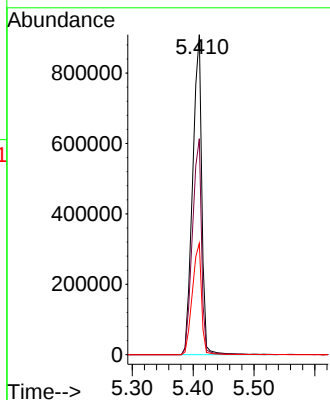
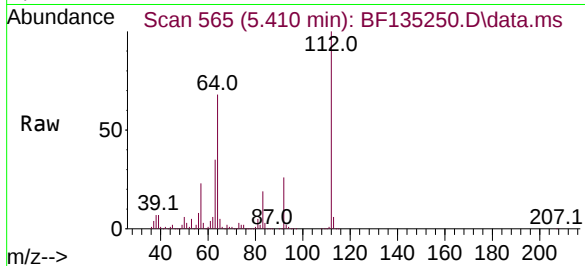




#5  
2-Fluorophenol  
Concen: 126.204 ng  
RT: 5.410 min Scan# 50  
Delta R.T. 0.024 min  
Lab File: BF135250.D  
Acq: 14 Sep 2023 13:02

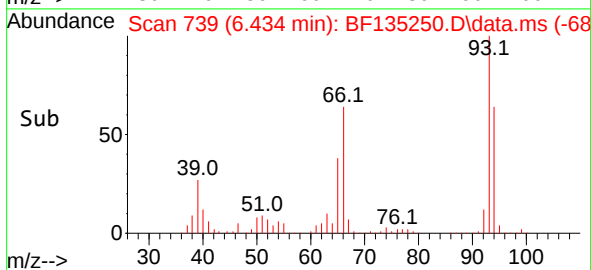
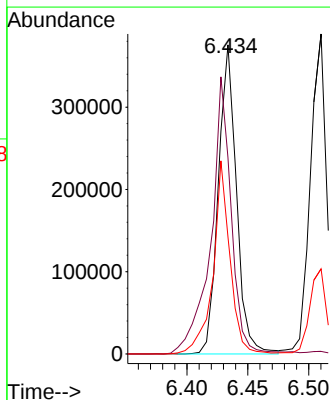
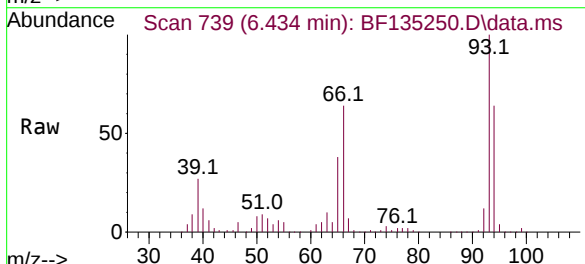
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ClientSampleId :

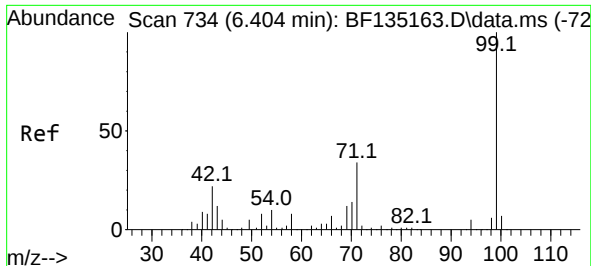
Tgt Ion:112 Resp: 949242  
Ion Ratio Lower Upper  
112 100  
64 67.5 55.9 83.9  
63 34.8 29.0 43.6



#6  
Aniline  
Concen: 31.118 ng  
RT: 6.434 min Scan# 739  
Delta R.T. 0.000 min  
Lab File: BF135250.D  
Acq: 14 Sep 2023 13:02

Tgt Ion: 93 Resp: 390264  
Ion Ratio Lower Upper  
93 100  
66 63.5 35.4 53.0#  
65 37.9 17.8 26.8#

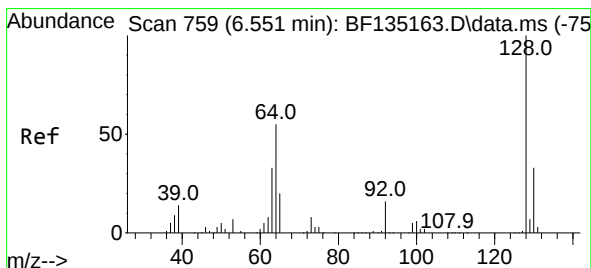
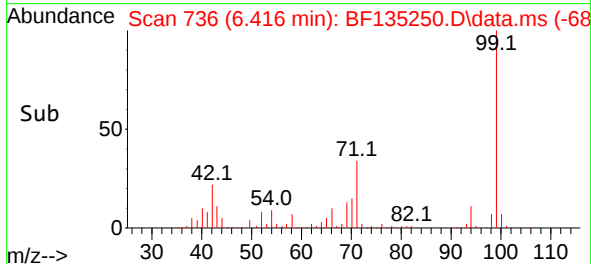
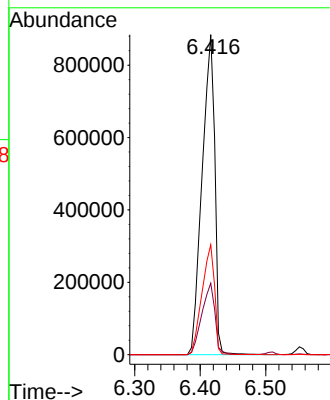
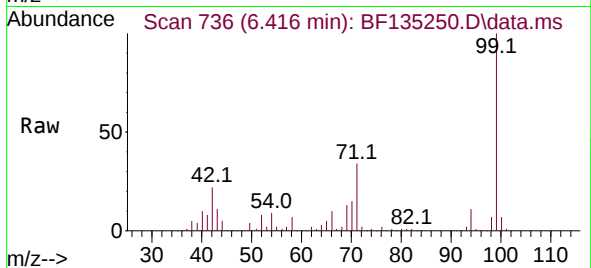




#7  
Phenol-d6  
Concen: 124.642 ng  
RT: 6.416 min Scan# 736  
Delta R.T. 0.012 min  
Lab File: BF135250.D  
Acq: 14 Sep 2023 13:02

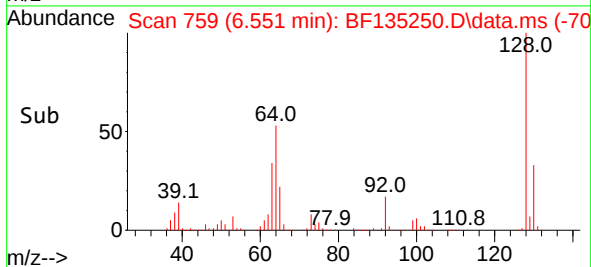
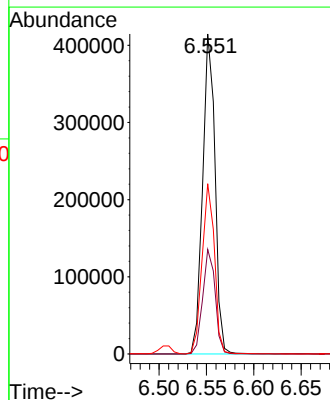
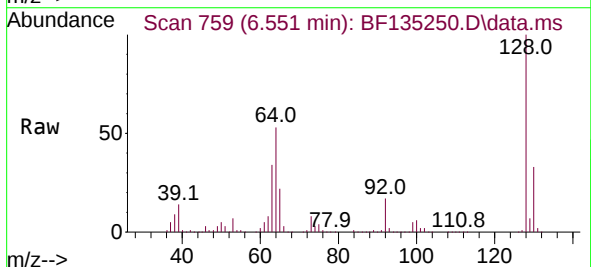
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BNA\_F  
ClientSampleId :

Tgt Ion: 99 Resp: 1192076  
Ion Ratio Lower Upper  
99 100  
42 22.3 17.9 26.9  
71 34.4 27.0 40.6



#8  
2-Chlorophenol  
Concen: 47.149 ng  
RT: 6.551 min Scan# 759  
Delta R.T. 0.000 min  
Lab File: BF135250.D  
Acq: 14 Sep 2023 13:02

Tgt Ion: 128 Resp: 378571  
Ion Ratio Lower Upper  
128 100  
130 32.7 12.7 52.7  
64 53.2 35.9 75.9





#9

Benzaldehyde

Concen: 23.551 ng

RT: 6.316 min Scan# 719

Delta R.T. -0.006 min

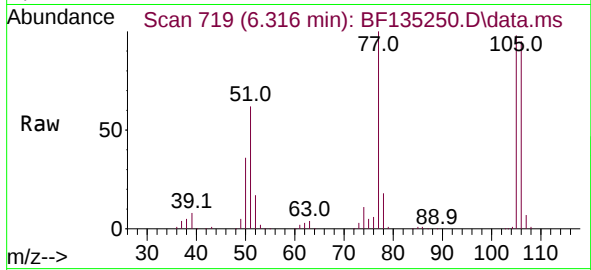
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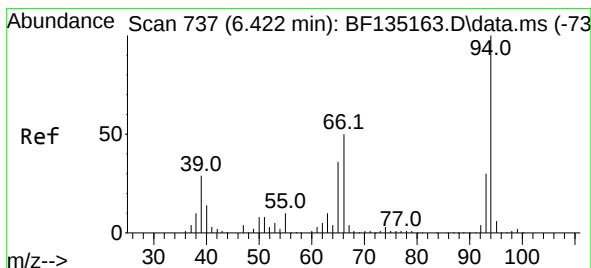
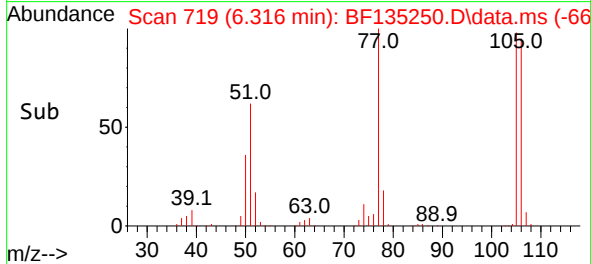
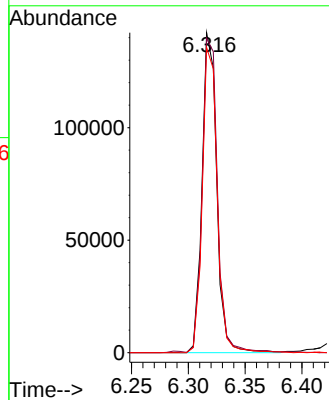
Tgt Ion: 77 Resp: 128318

Ion Ratio Lower Upper

77 100

105 98.3 81.4 121.4

106 95.4 76.9 116.9



#10

Phenol

Concen: 41.483 ng

RT: 6.428 min Scan# 738

Delta R.T. 0.006 min

Lab File: BF135250.D

Acq: 14 Sep 2023 13:02

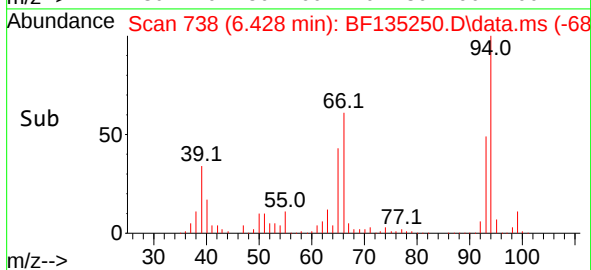
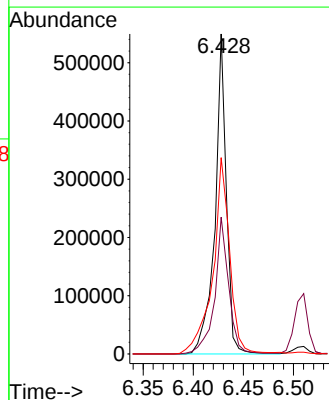
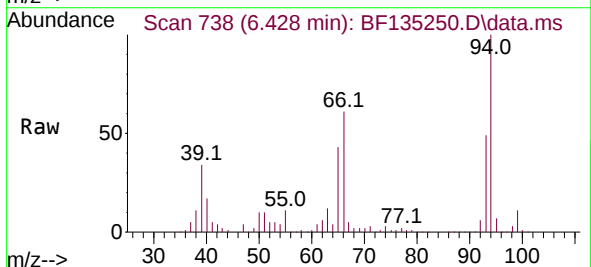
Tgt Ion: 94 Resp: 435050

Ion Ratio Lower Upper

94 100

65 42.7 15.9 55.9

66 61.3 29.8 69.8

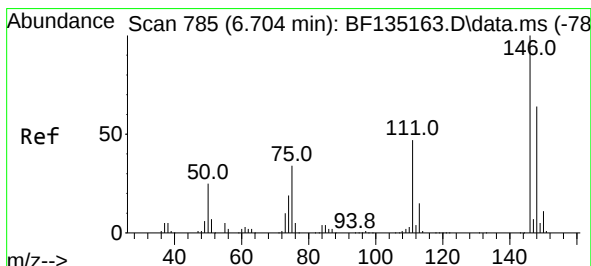
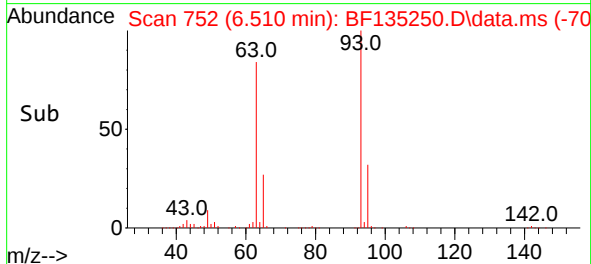
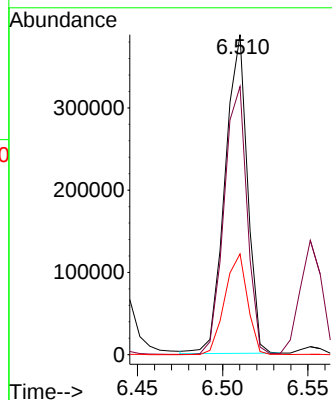
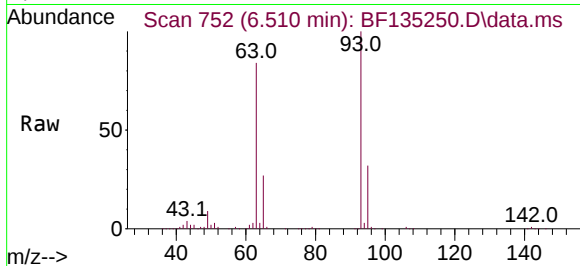




#11  
bis(2-Chloroethyl)ether  
Concen: 45.068 ng  
RT: 6.510 min Scan# 752  
Delta R.T. 0.000 min  
Lab File: BF135250.D  
Acq: 14 Sep 2023 13:02

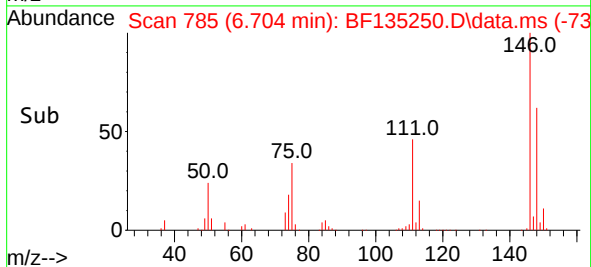
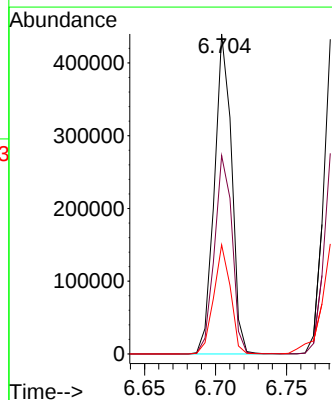
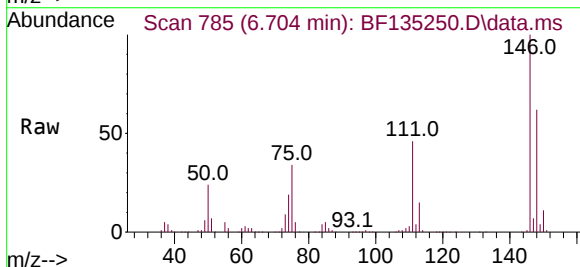
Instrument :  
BNA\_F  
ClientSampleId :

Tgt Ion: 93 Resp: 354532  
Ion Ratio Lower Upper  
93 100  
63 83.8 67.3 107.3  
95 31.5 12.7 52.7



#12  
1,3-Dichlorobenzene  
Concen: 45.624 ng  
RT: 6.704 min Scan# 785  
Delta R.T. 0.000 min  
Lab File: BF135250.D  
Acq: 14 Sep 2023 13:02

Tgt Ion:146 Resp: 372291  
Ion Ratio Lower Upper  
146 100  
148 62.0 51.3 76.9  
75 34.1 27.4 41.2





#13

1,4-Dichlorobenzene

Concen: 45.630 ng

RT: 6.781 min Scan# 798

Delta R.T. 0.000 min

Lab File: BF135250.D

Acq: 14 Sep 2023 13:02

Instrument :

BNA\_F

ClientSampleId :

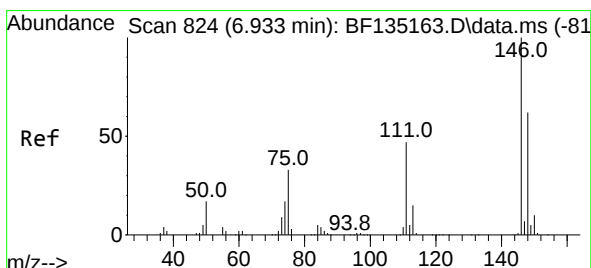
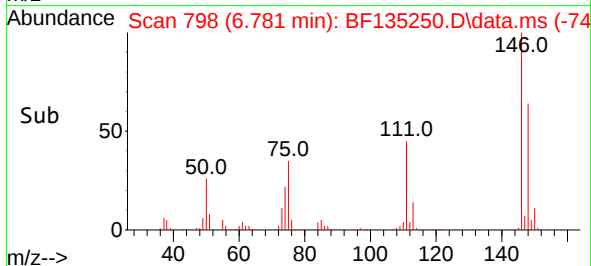
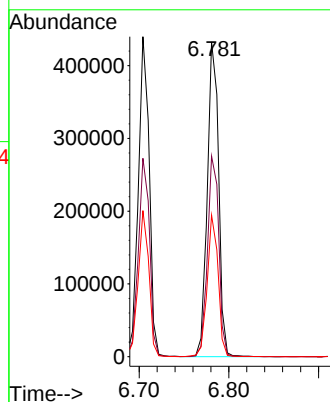
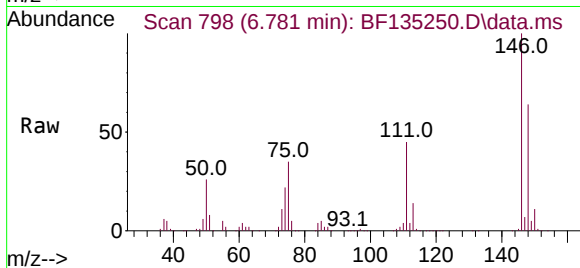
Tgt Ion:146 Resp: 378817

Ion Ratio Lower Upper

146 100

148 63.8 51.3 76.9

111 45.0 35.1 52.7



#14

1,2-Dichlorobenzene

Concen: 46.439 ng

RT: 6.934 min Scan# 824

Delta R.T. 0.000 min

Lab File: BF135250.D

Acq: 14 Sep 2023 13:02

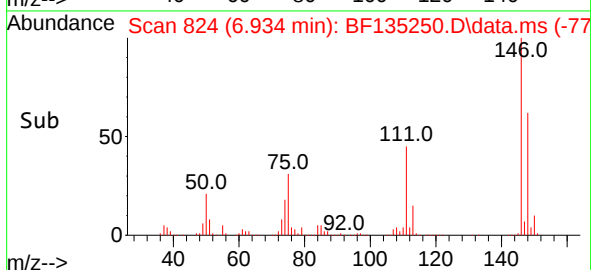
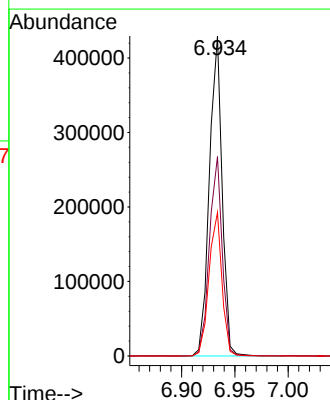
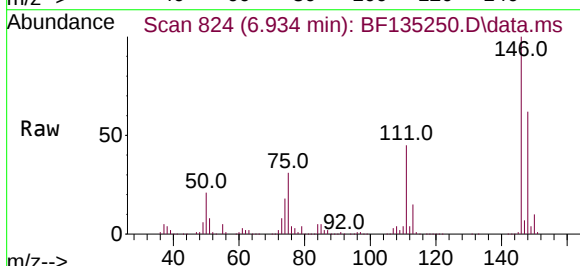
Tgt Ion:146 Resp: 358036

Ion Ratio Lower Upper

146 100

148 62.3 49.7 74.5

111 44.8 37.4 56.2

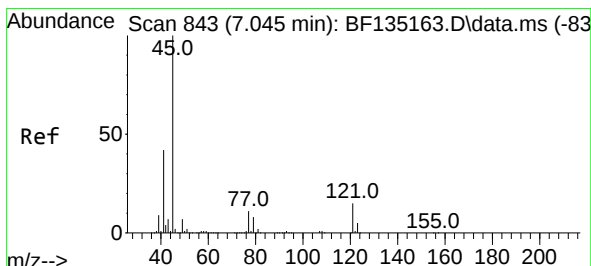
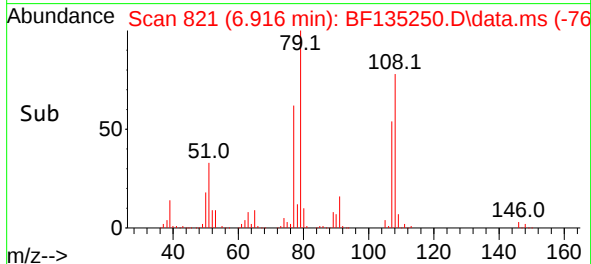
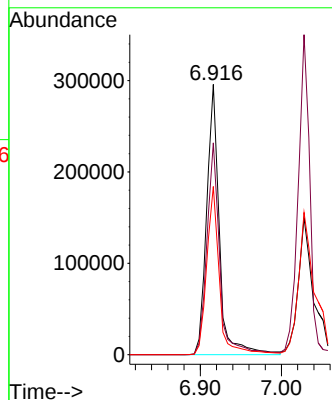
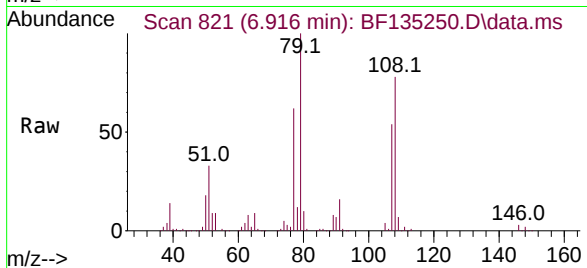




#15  
Benzyl Alcohol  
Concen: 46.664 ng  
RT: 6.916 min Scan# 81  
Delta R.T. 0.006 min  
Lab File: BF135250.D  
Acq: 14 Sep 2023 13:02

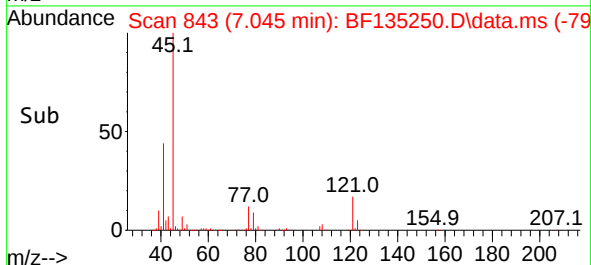
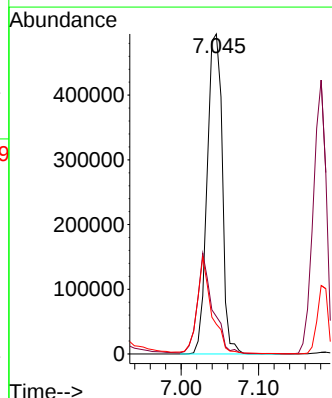
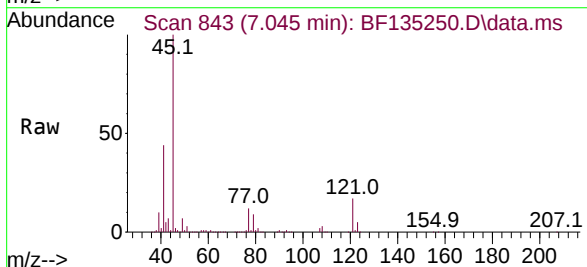
Instrument :  
BNA\_F  
ClientSampleId :

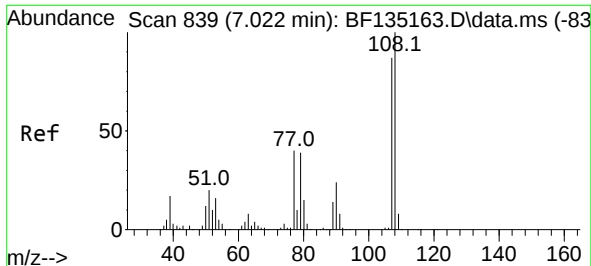
Tgt Ion: 79 Resp: 320254  
Ion Ratio Lower Upper  
79 100  
108 78.4 61.2 91.8  
77 62.2 50.5 75.7



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 44.938 ng  
RT: 7.045 min Scan# 843  
Delta R.T. 0.000 min  
Lab File: BF135250.D  
Acq: 14 Sep 2023 13:02

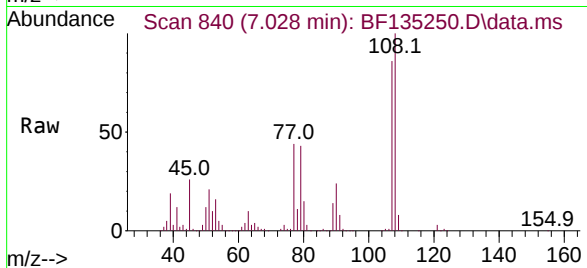
Tgt Ion: 45 Resp: 666331  
Ion Ratio Lower Upper  
45 100  
77 11.7 0.0 30.6  
79 9.3 0.0 28.3



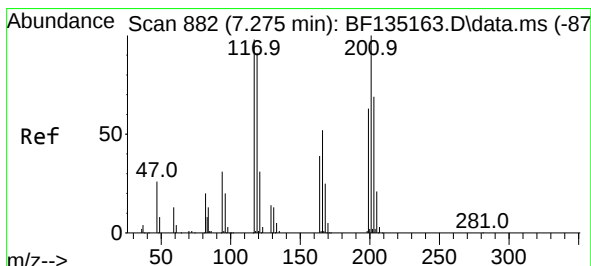
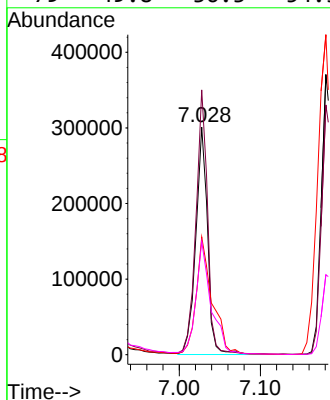
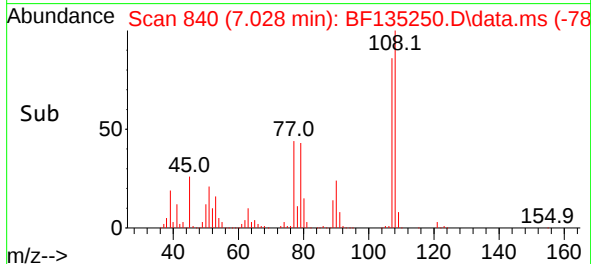


#17  
2-Methylphenol  
Concen: 43.188 ng  
RT: 7.028 min Scan# 841  
Delta R.T. 0.006 min  
Lab File: BF135250.D  
Acq: 14 Sep 2023 13:02

Instrument :  
BNA\_F  
ClientSampleId :

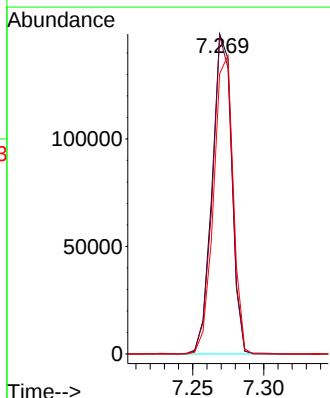
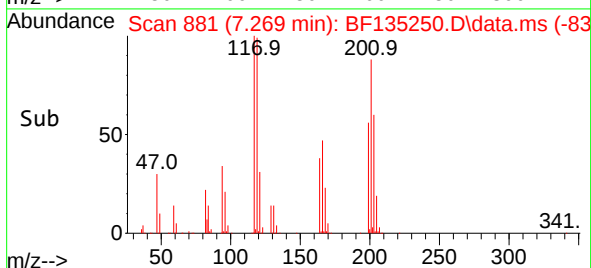
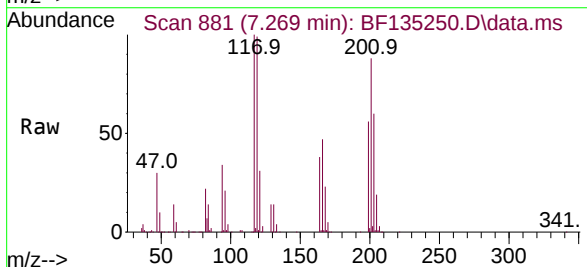


|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 306010 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 116.3 | 92.0  | 138.0  |
| 77       | 51.7  | 36.7  | 55.1   |
| 79       | 49.8  | 36.3  | 54.5   |



#18  
Hexachloroethane  
Concen: 46.928 ng  
RT: 7.269 min Scan# 881  
Delta R.T. -0.006 min  
Lab File: BF135250.D  
Acq: 14 Sep 2023 13:02

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 143952 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 99.4  | 74.7  | 112.1  |
| 201      | 87.6  | 81.8  | 122.8  |





#19

n-Nitroso-di-n-propylamine

Concen: 42.615 ng

RT: 7.187 min Scan# 867

Delta R.T. 0.000 min

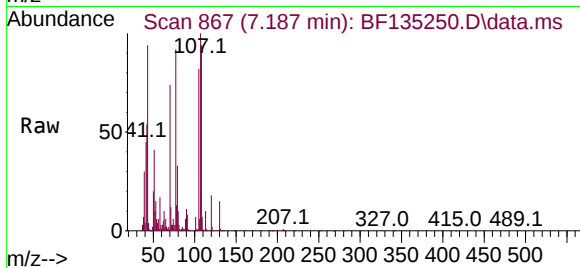
Lab File: BF135250.D

Acq: 14 Sep 2023 13:02

Instrument :

BNA\_F

ClientSampleId :



Tgt Ion: 70 Resp: 252450

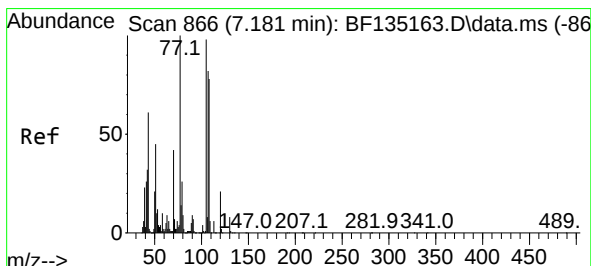
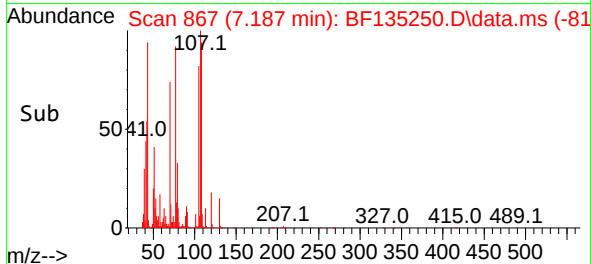
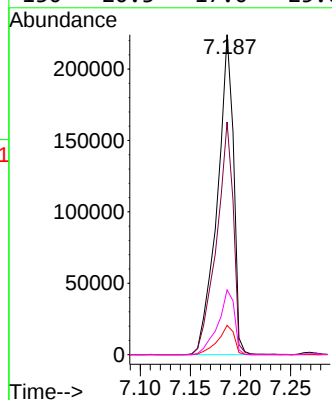
Ion Ratio Lower Upper

70 100

42 72.7 55.4 83.0

101 9.1 7.7 11.5

130 20.3 17.0 25.6



#20

3+4-Methylphenols

Concen: 41.560 ng

RT: 7.181 min Scan# 866

Delta R.T. 0.000 min

Lab File: BF135250.D

Acq: 14 Sep 2023 13:02

Tgt Ion: 107 Resp: 354091

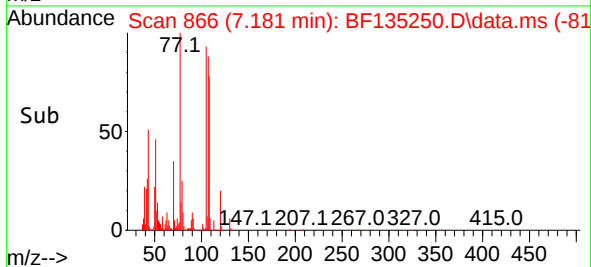
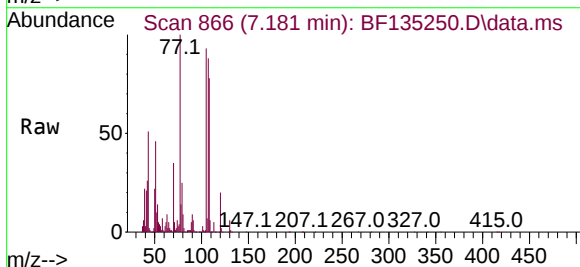
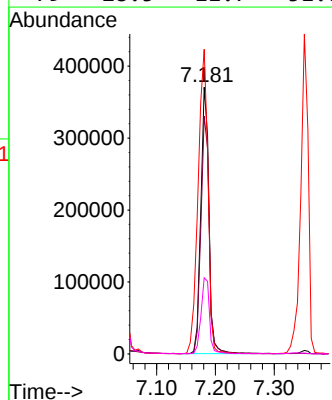
Ion Ratio Lower Upper

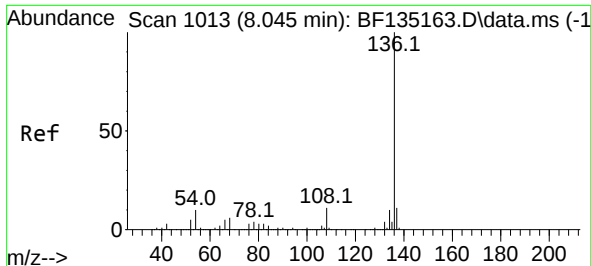
107 100

108 89.2 74.7 114.7

77 114.2 102.0 142.0

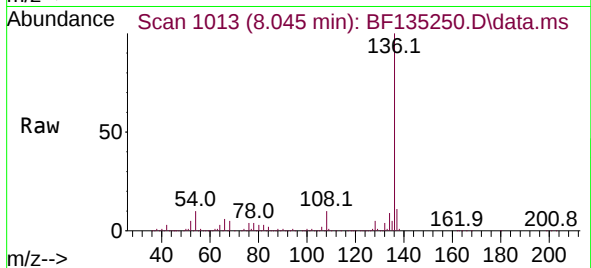
79 28.5 11.7 51.7



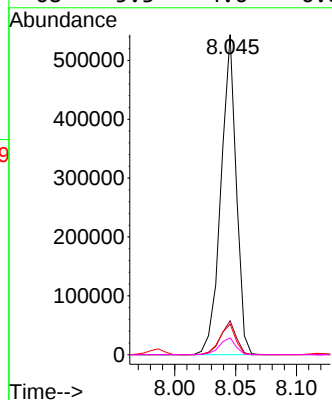
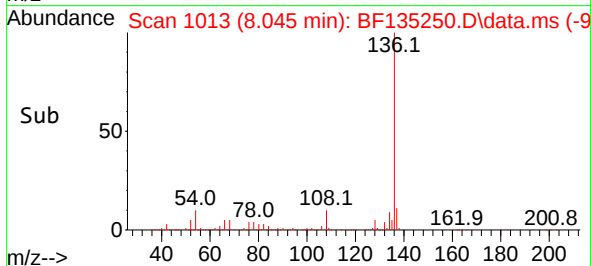


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.045 min Scan# 1013  
Delta R.T. 0.000 min  
Lab File: BF135250.D  
Acq: 14 Sep 2023 13:02

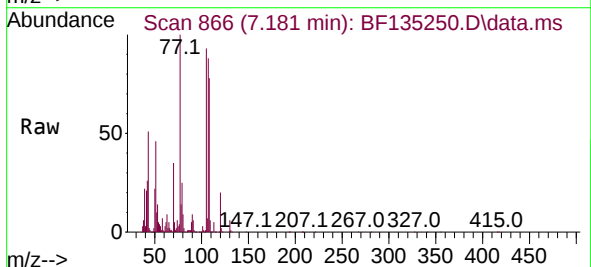
Instrument :  
BNA\_F  
ClientSampleId :



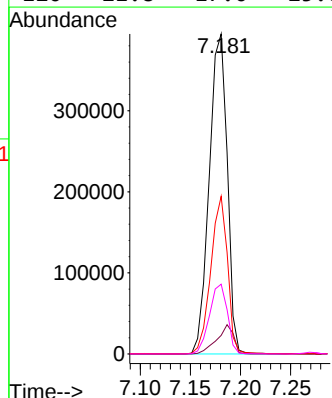
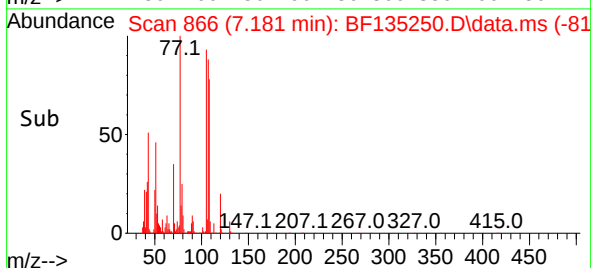
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 475977 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 10.6  | 8.8   | 13.2   |
| 54       | 9.6   | 7.7   | 11.5   |
| 68       | 5.3   | 4.6   | 6.8    |



#22  
Acetophenone  
Concen: 45.429 ng  
RT: 7.181 min Scan# 866  
Delta R.T. 0.000 min  
Lab File: BF135250.D  
Acq: 14 Sep 2023 13:02



|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 105   | Resp: | 494360 |
| Ion      | Ratio | Lower | Upper  |
| 105      | 100   |       |        |
| 71       | 5.8   | 5.8   | 8.6    |
| 51       | 49.3  | 37.0  | 55.4   |
| 120      | 21.8  | 17.0  | 25.6   |





#23

Nitrobenzene-d5

Concen: 90.039 ng

RT: 7.334 min Scan# 892

Delta R.T. 0.000 min

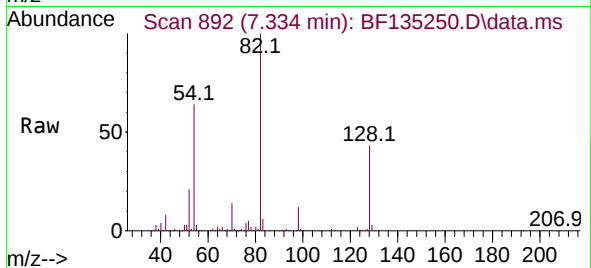
Lab File: BF135250.D

Acq: 14 Sep 2023 13:02

Instrument :

BNA\_F

ClientSampleId :



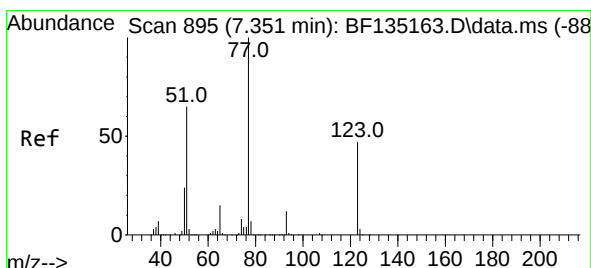
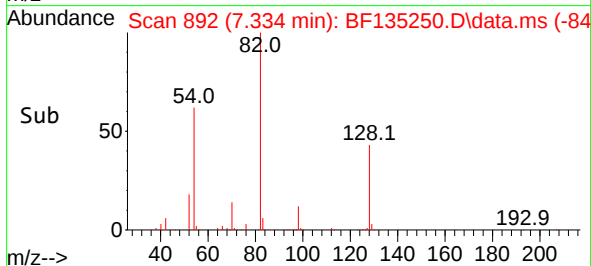
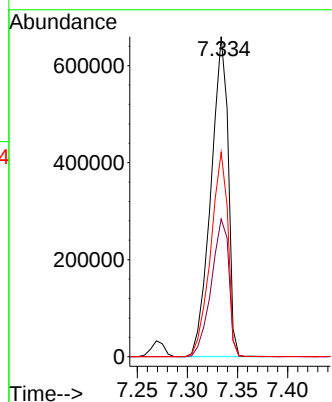
Tgt Ion: 82 Resp: 788823

Ion Ratio Lower Upper

82 100

128 43.1 35.8 53.6

54 63.9 50.6 76.0



#24

Nitrobenzene

Concen: 45.569 ng

RT: 7.351 min Scan# 895

Delta R.T. 0.000 min

Lab File: BF135250.D

Acq: 14 Sep 2023 13:02

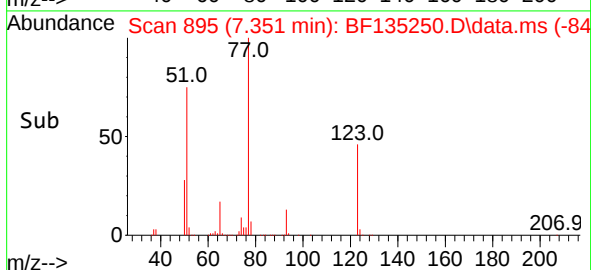
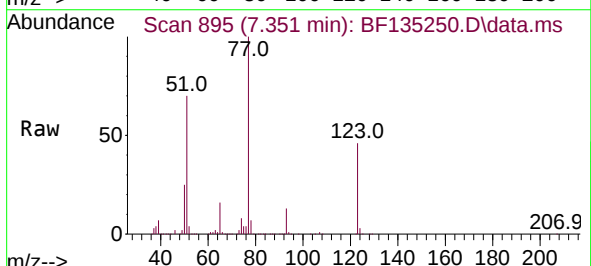
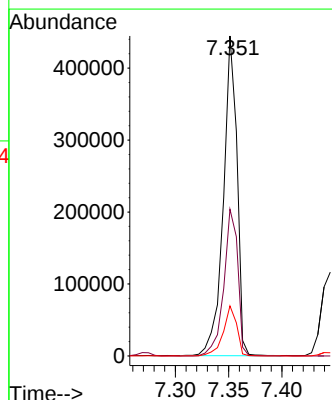
Tgt Ion: 77 Resp: 394599

Ion Ratio Lower Upper

77 100

123 45.9 37.6 56.4

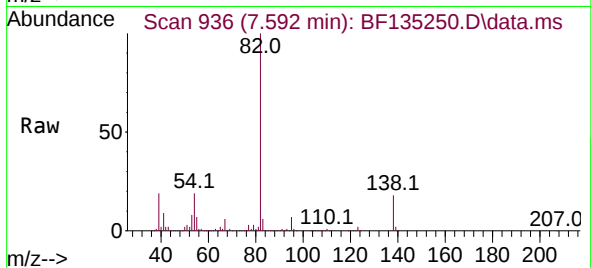
65 15.6 12.2 18.4



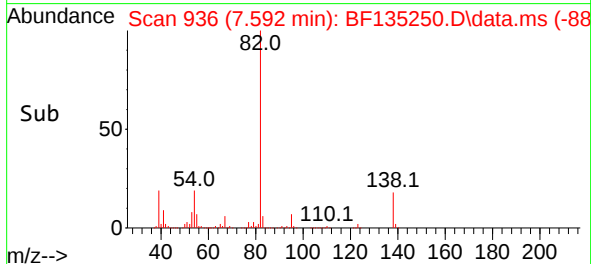
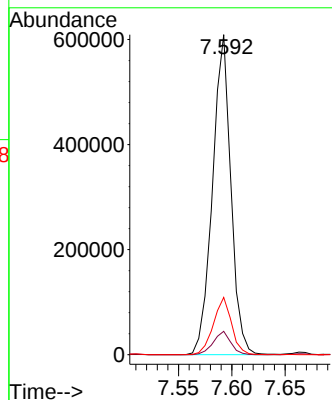


#25  
Isophorone  
Concen: 45.369 ng  
RT: 7.592 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: BF135250.D  
Acq: 14 Sep 2023 13:02

Instrument :  
BNA\_F  
ClientSampleId :

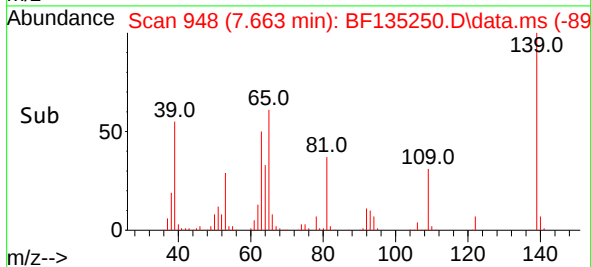
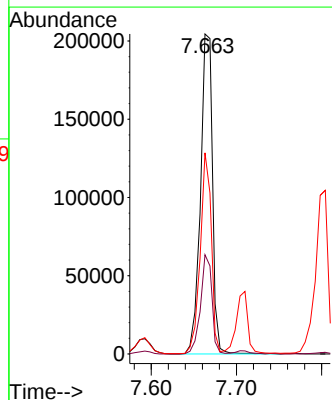
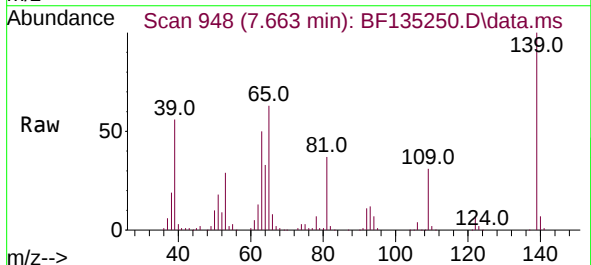


Tgt Ion: 82 Resp: 729873  
Ion Ratio Lower Upper  
82 100  
95 7.3 6.0 9.0  
138 17.9 14.5 21.7



#26  
2-Nitrophenol  
Concen: 48.333 ng  
RT: 7.663 min Scan# 948  
Delta R.T. 0.000 min  
Lab File: BF135250.D  
Acq: 14 Sep 2023 13:02

Tgt Ion: 139 Resp: 200872  
Ion Ratio Lower Upper  
139 100  
109 31.0 22.6 33.8  
65 62.9 47.0 70.4





#27

2,4-Dimethylphenol

Concen: 48.098 ng

RT: 7.710 min Scan# 91

Delta R.T. 0.006 min

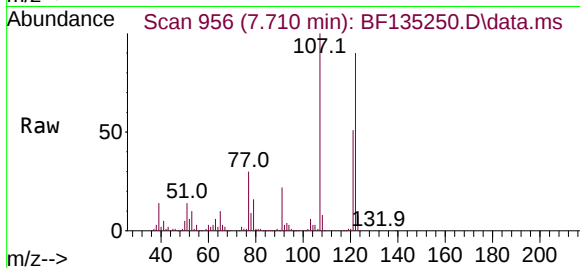
Lab File: BF135250.D

Acq: 14 Sep 2023 13:02

Instrument :

BNA\_F

ClientSampleId :



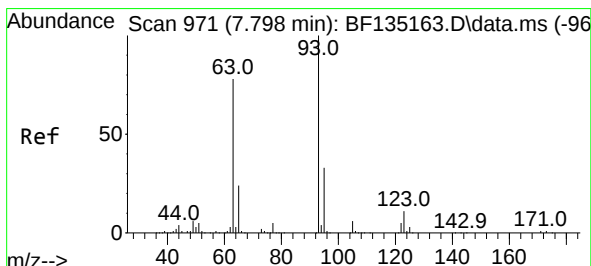
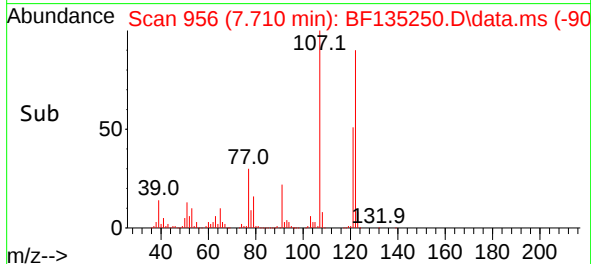
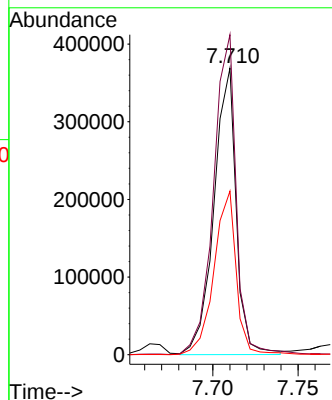
Tgt Ion:122 Resp: 336000

Ion Ratio Lower Upper

122 100

107 111.7 90.2 135.4

121 57.0 46.3 69.5



#28

bis(2-Chloroethoxy)methane

Concen: 45.972 ng

RT: 7.804 min Scan# 972

Delta R.T. 0.006 min

Lab File: BF135250.D

Acq: 14 Sep 2023 13:02

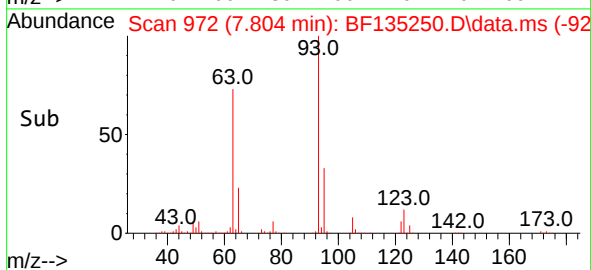
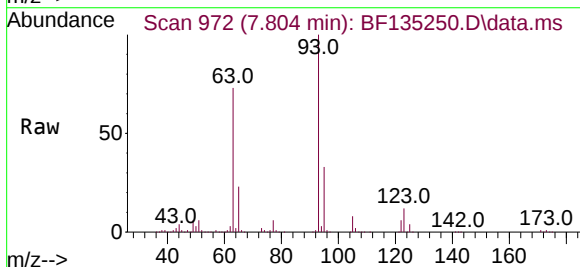
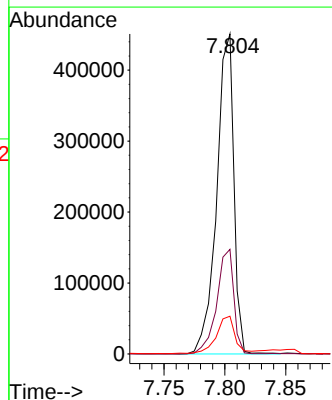
Tgt Ion: 93 Resp: 442658

Ion Ratio Lower Upper

93 100

95 32.7 26.2 39.2

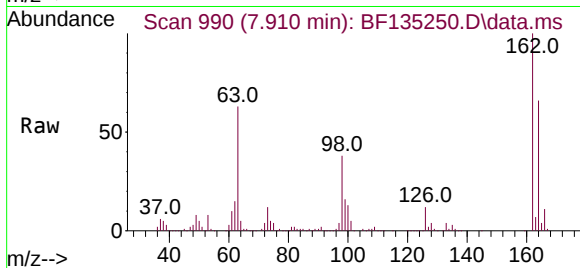
123 11.8 8.8 13.2



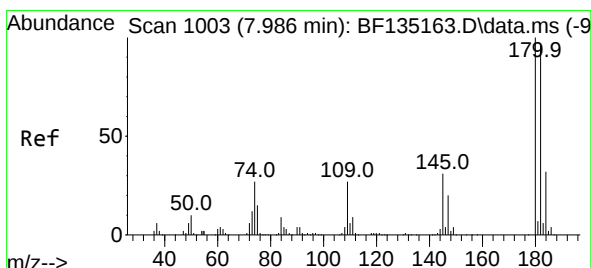
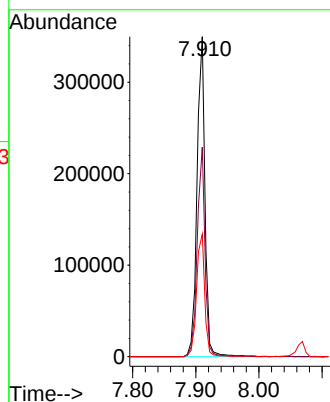
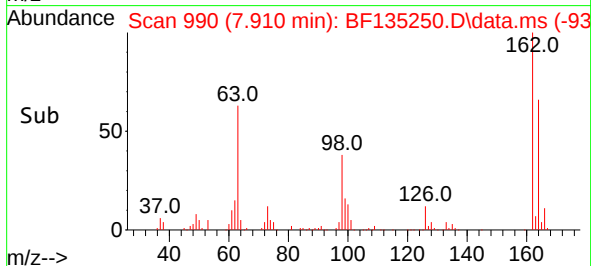


#29  
2,4-Dichlorophenol  
Concen: 46.994 ng  
RT: 7.910 min Scan# 990  
Delta R.T. 0.006 min  
Lab File: BF135250.D  
Acq: 14 Sep 2023 13:02

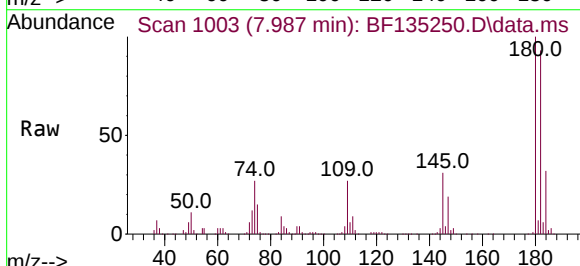
Instrument :  
BNA\_F  
ClientSampleId :



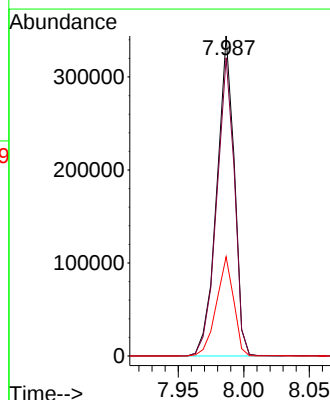
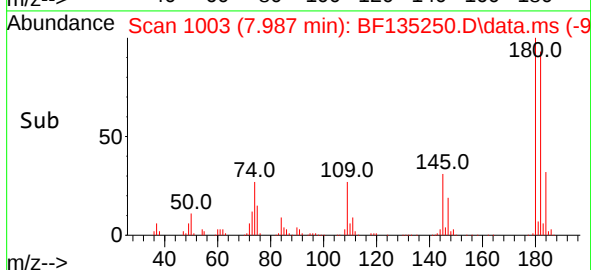
Tgt Ion:162 Resp: 304199  
Ion Ratio Lower Upper  
162 100  
164 65.5 44.1 84.1  
98 38.3 20.3 60.3

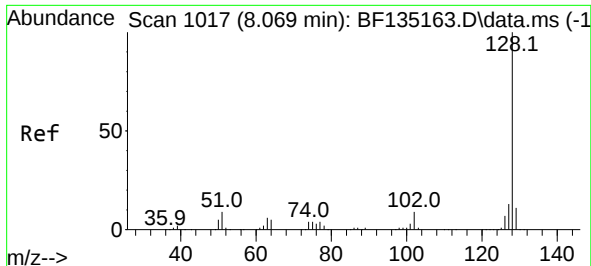


#30  
1,2,4-Trichlorobenzene  
Concen: 46.994 ng  
RT: 7.987 min Scan# 1003  
Delta R.T. 0.000 min  
Lab File: BF135250.D  
Acq: 14 Sep 2023 13:02



Tgt Ion:180 Resp: 317956  
Ion Ratio Lower Upper  
180 100  
182 93.2 76.9 115.3  
145 31.0 24.5 36.7

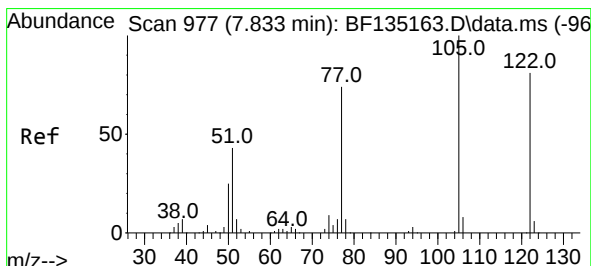
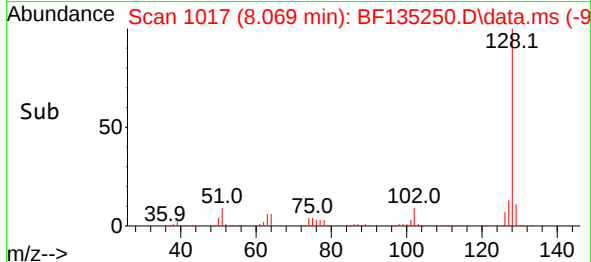
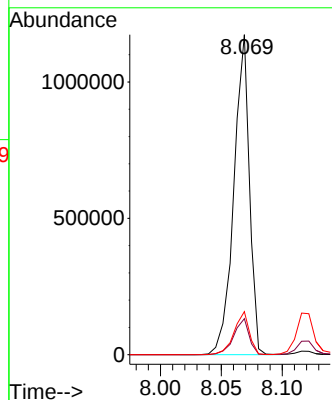
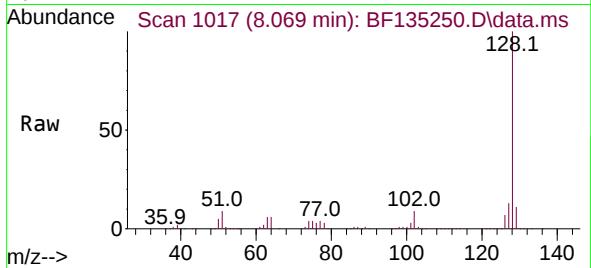




#31  
Naphthalene  
Concen: 45.190 ng  
RT: 8.069 min Scan# 1017  
Delta R.T. 0.000 min  
Lab File: BF135250.D  
Acq: 14 Sep 2023 13:02

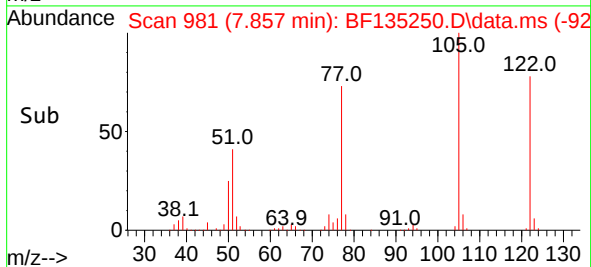
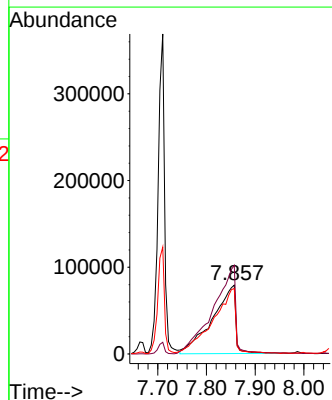
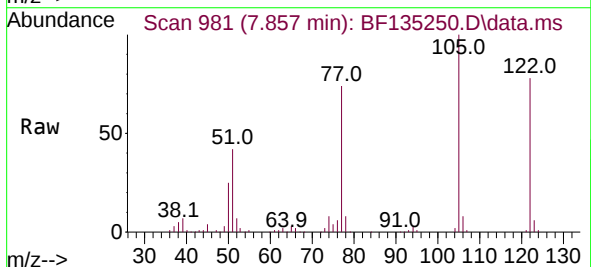
Instrument :  
BNA\_F  
ClientSampleId :

Tgt Ion:128 Resp: 1045087  
Ion Ratio Lower Upper  
128 100  
129 11.3 8.7 13.1  
127 13.5 10.7 16.1



#32  
Benzoic acid  
Concen: 49.967 ng  
RT: 7.857 min Scan# 981  
Delta R.T. 0.024 min  
Lab File: BF135250.D  
Acq: 14 Sep 2023 13:02

Tgt Ion:122 Resp: 262844  
Ion Ratio Lower Upper  
122 100  
105 128.9 99.9 139.9  
77 95.1 70.0 110.0

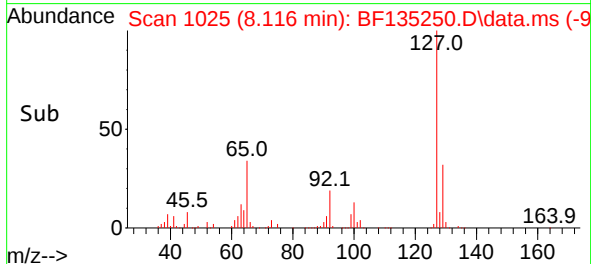
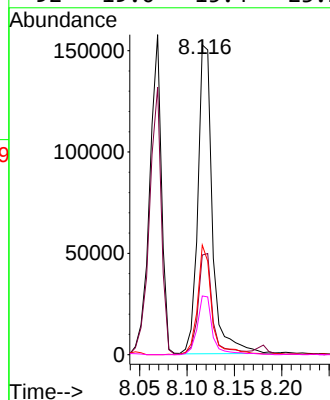
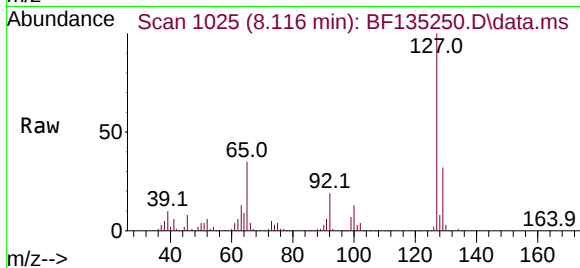




#33  
4-Chloroaniline  
Concen: 16.250 ng  
RT: 8.116 min Scan# 1025  
Delta R.T. -0.006 min  
Lab File: BF135250.D  
Acq: 14 Sep 2023 13:02

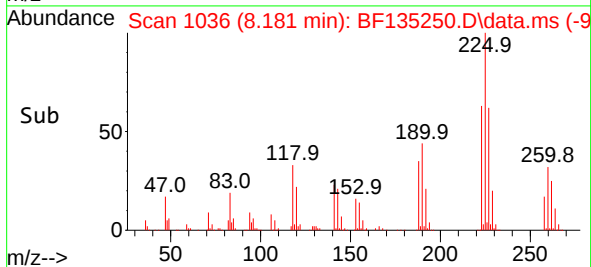
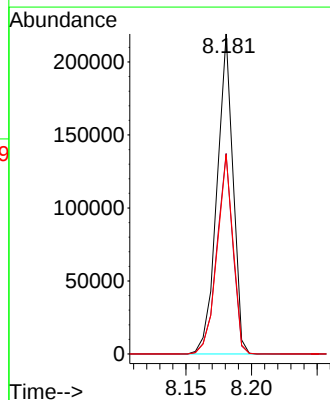
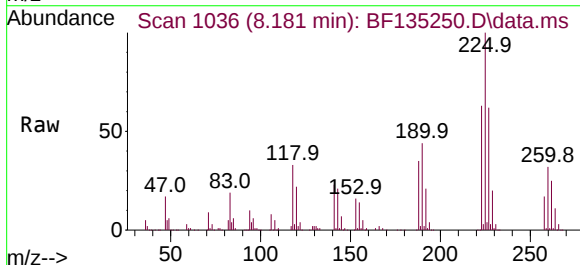
Instrument :  
BNA\_F  
ClientSampleId :

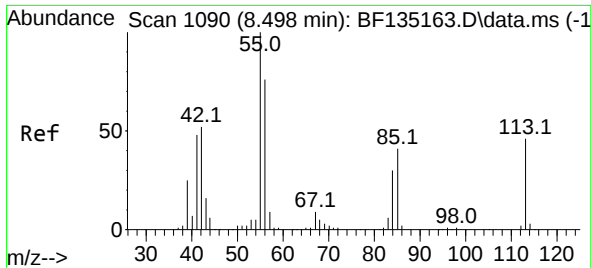
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 127   | Resp: | 164885 |
| Ion Ratio | Lower | Upper |        |
| 127       | 100   |       |        |
| 129       | 32.2  | 25.8  | 38.8   |
| 65        | 35.4  | 26.6  | 39.8   |
| 92        | 19.0  | 15.4  | 23.2   |



#34  
Hexachlorobutadiene  
Concen: 45.602 ng  
RT: 8.181 min Scan# 1036  
Delta R.T. 0.000 min  
Lab File: BF135250.D  
Acq: 14 Sep 2023 13:02

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 225   | Resp: | 186042 |
| Ion Ratio | Lower | Upper |        |
| 225       | 100   |       |        |
| 223       | 62.6  | 50.6  | 75.8   |
| 227       | 62.3  | 50.8  | 76.2   |

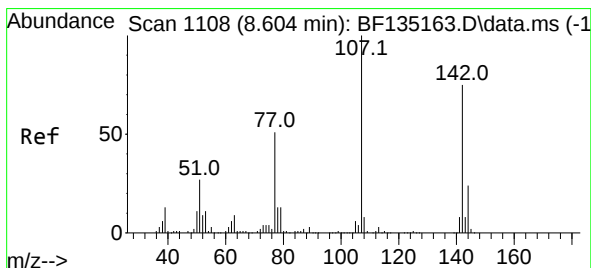
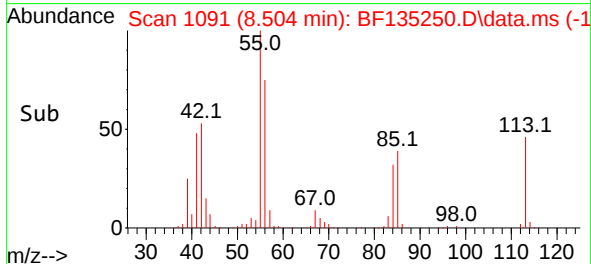
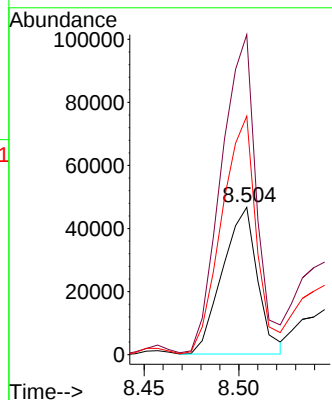
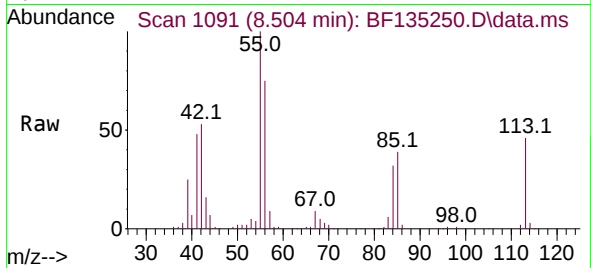




#35  
 Caprolactam  
 Concen: 27.609 ng  
 RT: 8.504 min Scan# 1109  
 Delta R.T. 0.006 min  
 Lab File: BF135250.D  
 Acq: 14 Sep 2023 13:02

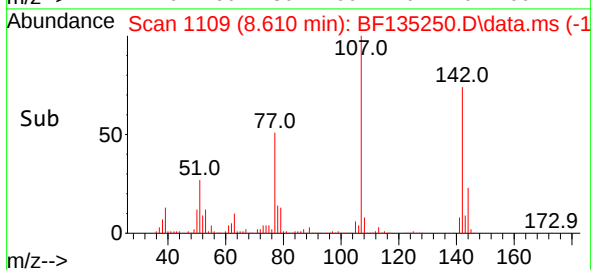
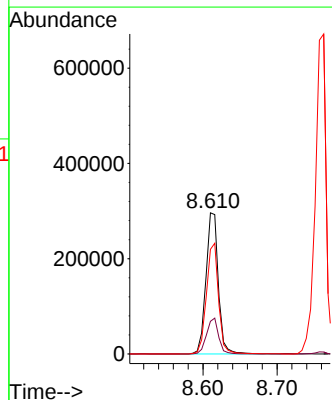
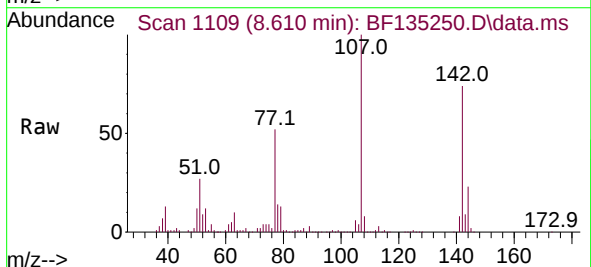
Instrument :  
 BNA\_F  
 ClientSampleId :

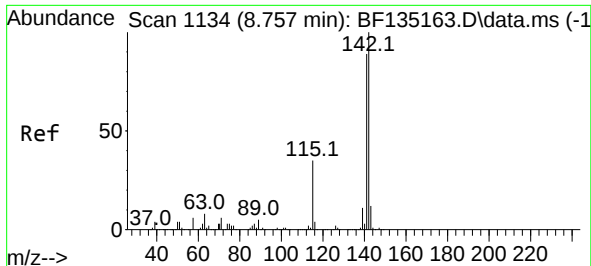
Tgt Ion:113 Resp: 59980  
 Ion Ratio Lower Upper  
 113 100  
 55 217.1 199.3 239.3  
 56 161.8 146.3 186.3



#36  
 4-Chloro-3-methylphenol  
 Concen: 47.972 ng  
 RT: 8.610 min Scan# 1109  
 Delta R.T. 0.006 min  
 Lab File: BF135250.D  
 Acq: 14 Sep 2023 13:02

Tgt Ion:107 Resp: 345124  
 Ion Ratio Lower Upper  
 107 100  
 144 23.1 19.0 28.4  
 142 74.2 60.2 90.2





#37

2-Methylnaphthalene

Concen: 43.401 ng

RT: 8.763 min Scan# 1134

Delta R.T. 0.006 min

Lab File: BF135250.D

Acq: 14 Sep 2023 13:02

Instrument :

BNA\_F

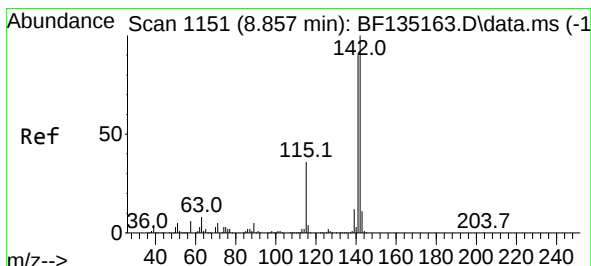
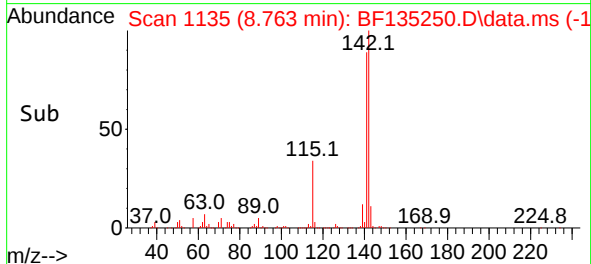
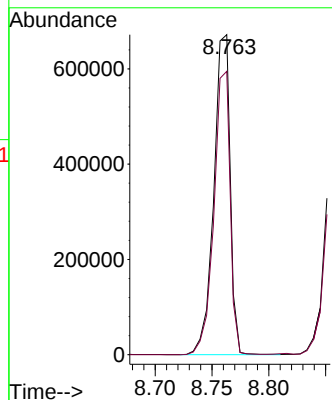
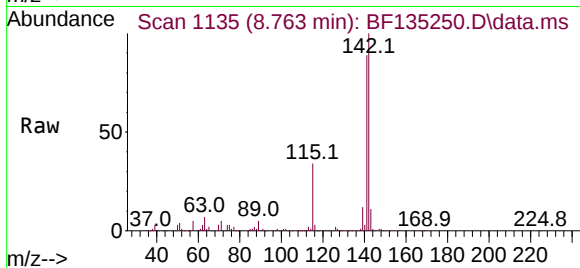
ClientSampleId :

Tgt Ion:142 Resp: 674688

Ion Ratio Lower Upper

142 100

141 88.5 71.0 106.6



#38

1-Methylnaphthalene

Concen: 42.967 ng

RT: 8.857 min Scan# 1151

Delta R.T. 0.000 min

Lab File: BF135250.D

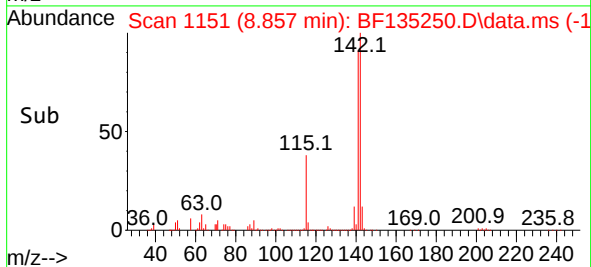
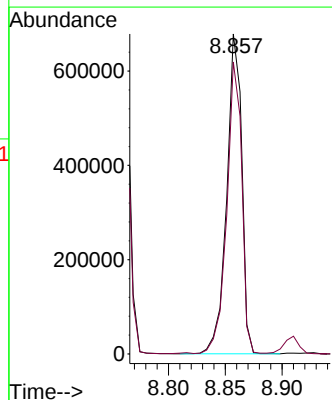
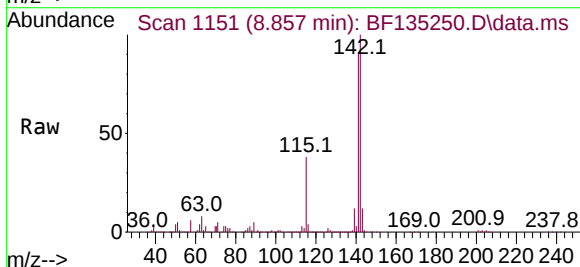
Acq: 14 Sep 2023 13:02

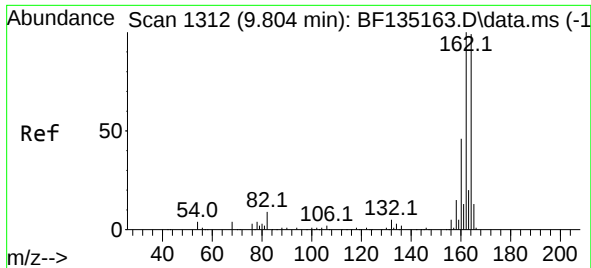
Tgt Ion:142 Resp: 625357

Ion Ratio Lower Upper

142 100

141 91.2 72.4 108.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.804 min Scan# 1163

Delta R.T. 0.000 min

Lab File: BF135250.D

Acq: 14 Sep 2023 13:02

Instrument :

BNA\_F

ClientSampleId :

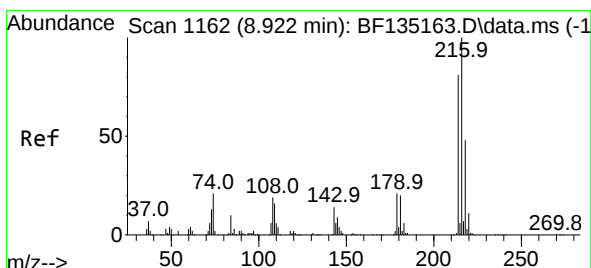
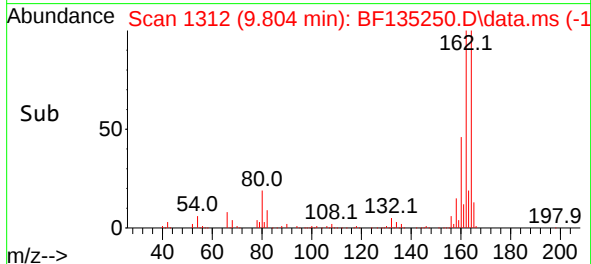
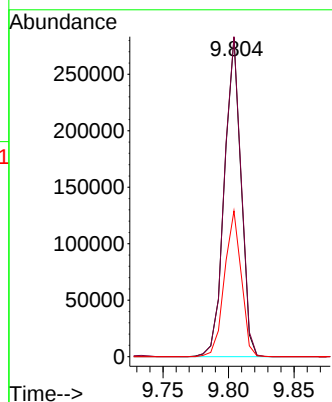
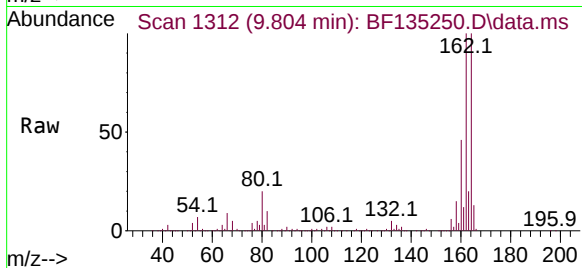
Tgt Ion:164 Resp: 248089

Ion Ratio Lower Upper

164 100

162 100.2 81.0 121.4

160 45.7 37.0 55.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 44.084 ng

RT: 8.928 min Scan# 1163

Delta R.T. 0.006 min

Lab File: BF135250.D

Acq: 14 Sep 2023 13:02

Tgt Ion:216 Resp: 316844

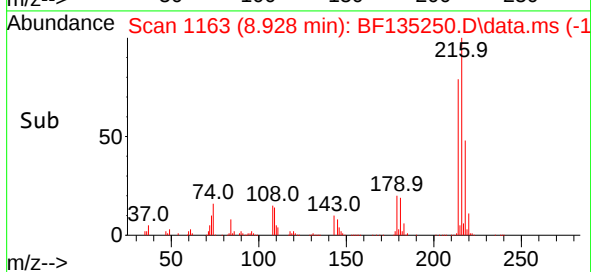
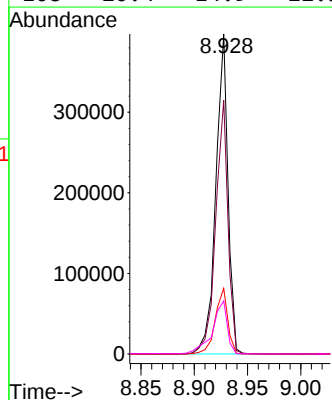
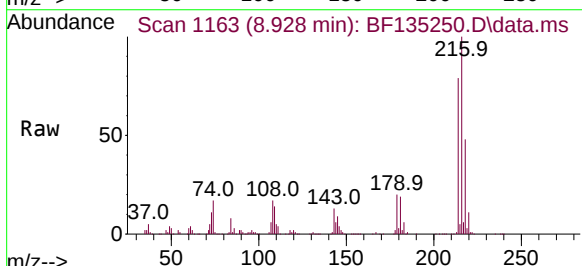
Ion Ratio Lower Upper

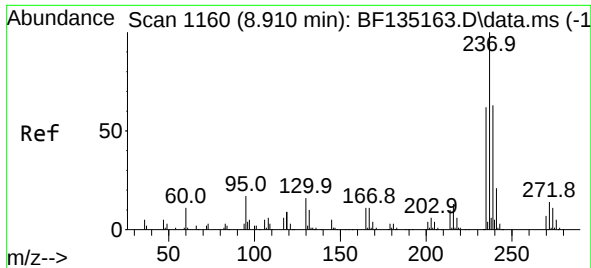
216 100

214 79.9 63.7 95.5

179 21.0 16.7 25.1

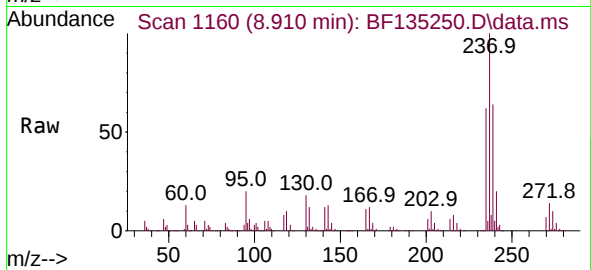
108 20.4 14.9 22.3



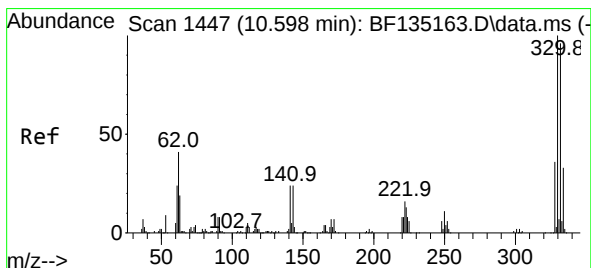
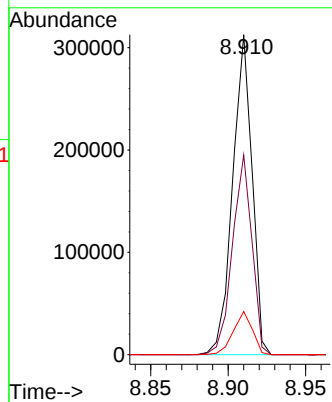
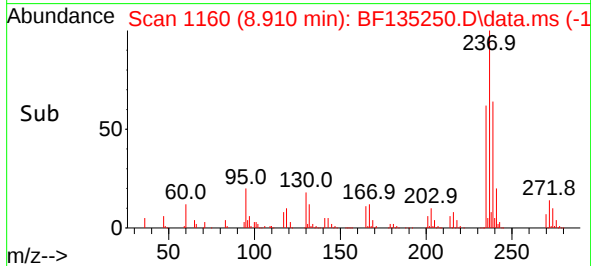


#41  
Hexachlorocyclopentadiene  
Concen: 85.363 ng  
RT: 8.910 min Scan# 1160  
Delta R.T. 0.000 min  
Lab File: BF135250.D  
Acq: 14 Sep 2023 13:02

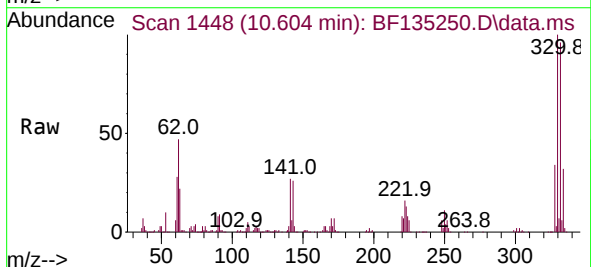
Instrument :  
BNA\_F  
ClientSampleId :



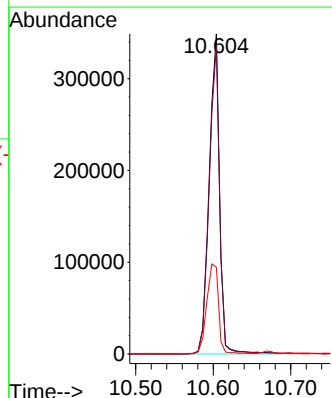
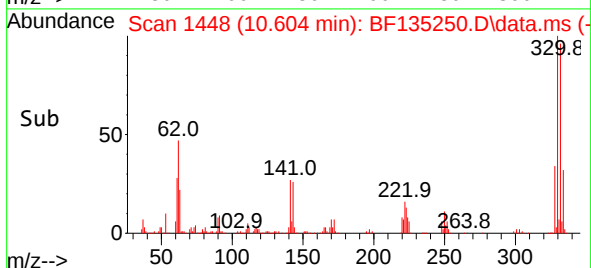
Tgt Ion: 237 Resp: 272068  
Ion Ratio Lower Upper  
237 100  
235 62.4 41.8 81.8  
272 13.5 0.0 33.6

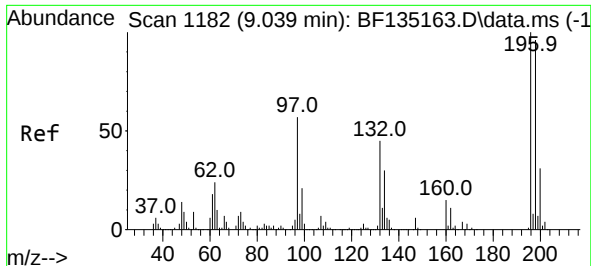


#42  
2,4,6-Tribromophenol  
Concen: 132.120 ng  
RT: 10.604 min Scan# 1448  
Delta R.T. 0.006 min  
Lab File: BF135250.D  
Acq: 14 Sep 2023 13:02



Tgt Ion: 330 Resp: 325729  
Ion Ratio Lower Upper  
330 100  
332 97.1 77.3 115.9  
141 31.9 25.8 38.8





#43

2,4,6-Trichlorophenol

Concen: 46.945 ng

RT: 9.045 min Scan# 1182

Delta R.T. 0.006 min

Lab File: BF135250.D

Acq: 14 Sep 2023 13:02

Instrument :

BNA\_F

ClientSampleId :

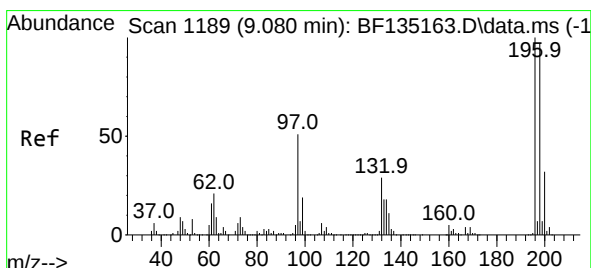
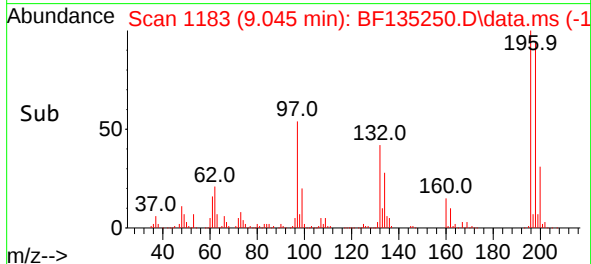
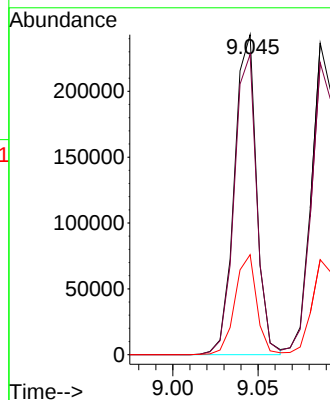
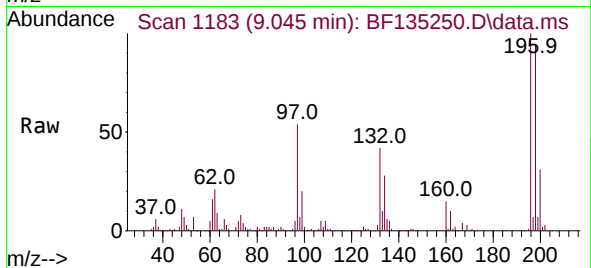
Tgt Ion:196 Resp: 220916

Ion Ratio Lower Upper

196 100

198 93.9 77.0 115.6

200 31.2 24.5 36.7



#44

2,4,5-Trichlorophenol

Concen: 44.092 ng

RT: 9.086 min Scan# 1190

Delta R.T. 0.006 min

Lab File: BF135250.D

Acq: 14 Sep 2023 13:02

Tgt Ion:196 Resp: 238951

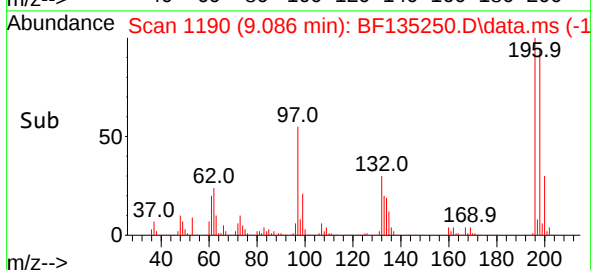
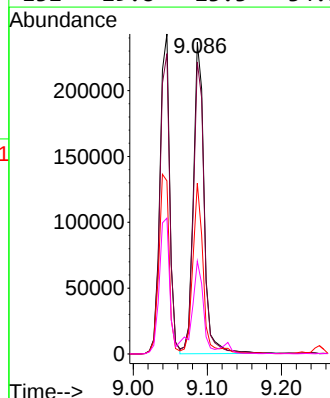
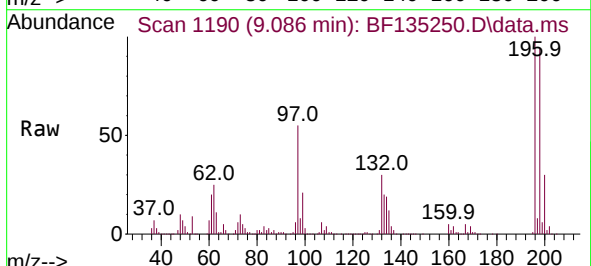
Ion Ratio Lower Upper

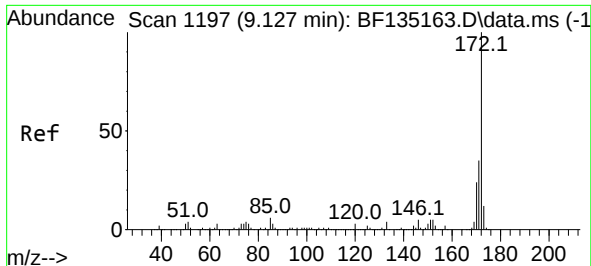
196 100

198 93.7 77.5 116.3

97 54.8 40.5 60.7

132 29.8 23.3 34.9





#45

2-Fluorobiphenyl

Concen: 83.154 ng

RT: 9.128 min Scan# 1197

Delta R.T. 0.000 min

Lab File: BF135250.D

Acq: 14 Sep 2023 13:02

Instrument :

BNA\_F

ClientSampleId :

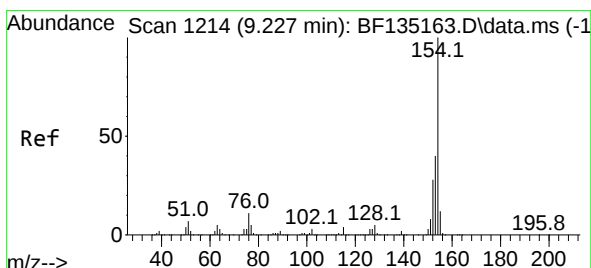
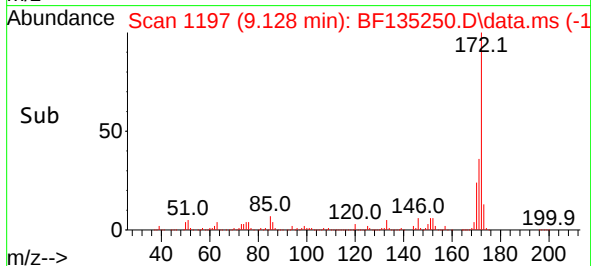
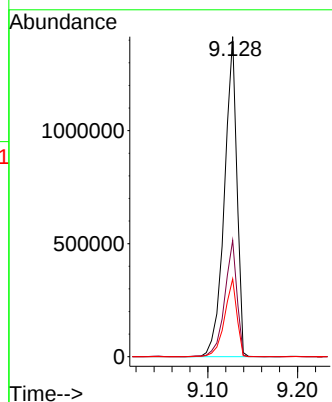
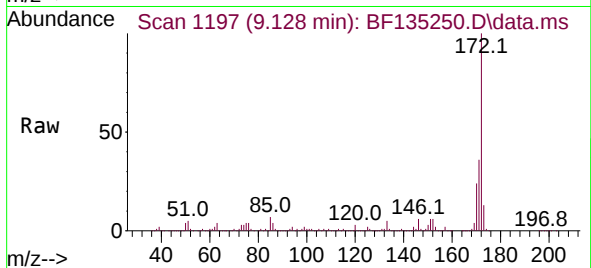
Tgt Ion:172 Resp: 1367353

Ion Ratio Lower Upper

172 100

171 36.4 28.4 42.6

170 24.3 19.0 28.4



#46

1,1'-Biphenyl

Concen: 44.523 ng

RT: 9.228 min Scan# 1214

Delta R.T. 0.000 min

Lab File: BF135250.D

Acq: 14 Sep 2023 13:02

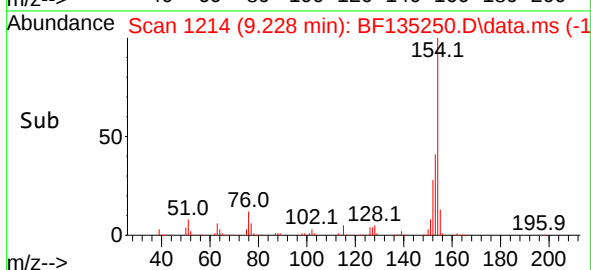
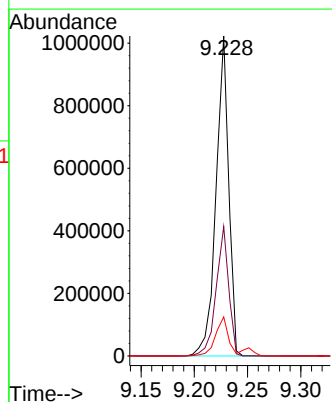
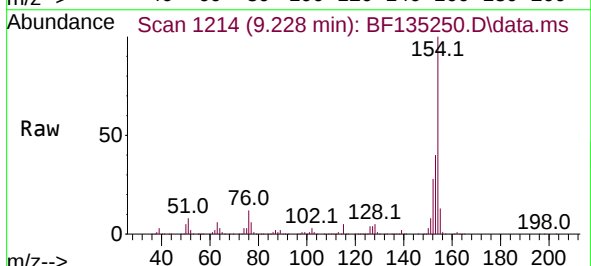
Tgt Ion:154 Resp: 848834

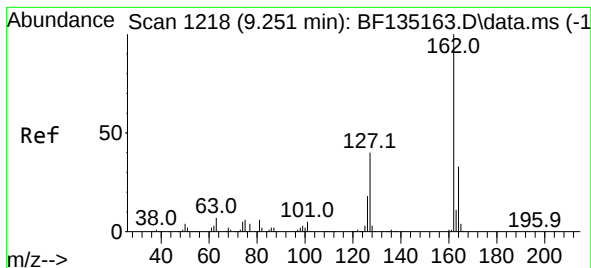
Ion Ratio Lower Upper

154 100

153 40.5 19.6 59.6

76 12.2 0.0 31.0





#47

2-Chloronaphthalene

Concen: 45.789 ng

RT: 9.251 min Scan# 1218

Delta R.T. 0.000 min

Lab File: BF135250.D

Acq: 14 Sep 2023 13:02

Instrument :

BNA\_F

ClientSampleId :

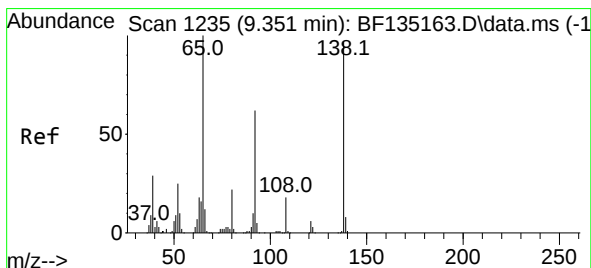
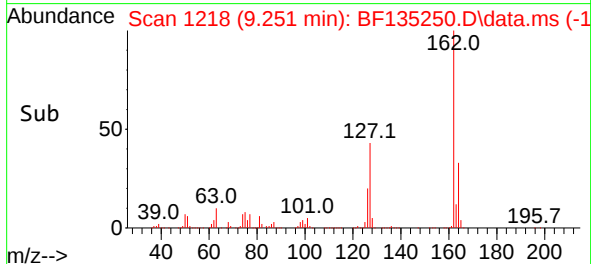
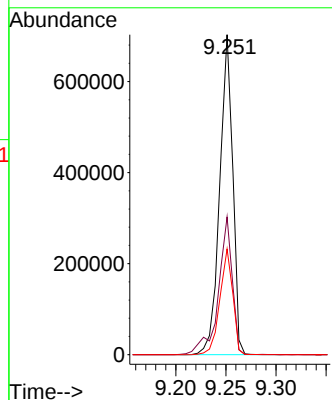
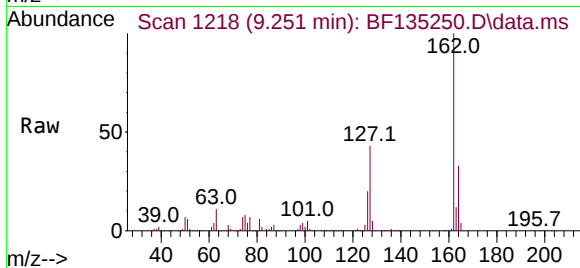
Tgt Ion:162 Resp: 633399

Ion Ratio Lower Upper

162 100

127 43.1 32.6 48.8

164 33.1 26.2 39.2



#48

2-Nitroaniline

Concen: 45.996 ng

RT: 9.351 min Scan# 1235

Delta R.T. 0.000 min

Lab File: BF135250.D

Acq: 14 Sep 2023 13:02

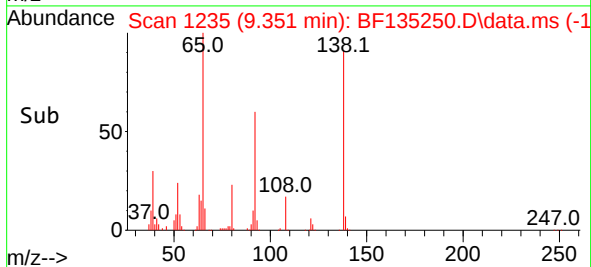
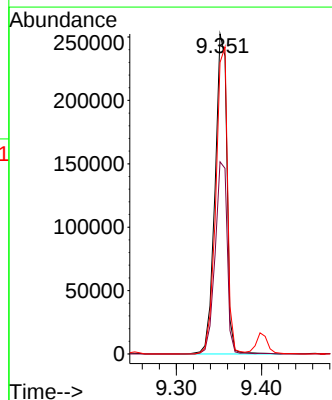
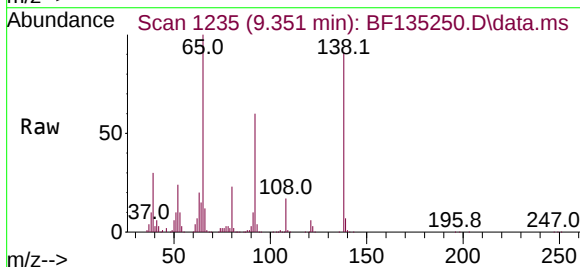
Tgt Ion: 65 Resp: 247183

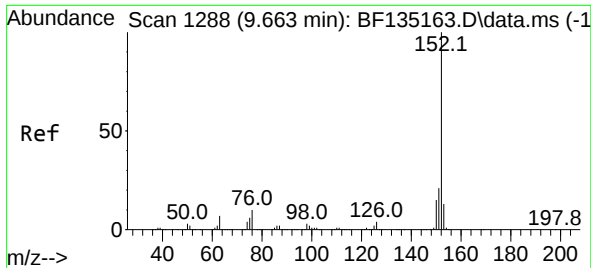
Ion Ratio Lower Upper

65 100

92 60.1 49.4 74.0

138 91.1 77.4 116.0

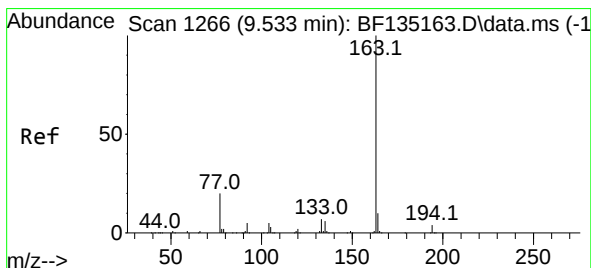
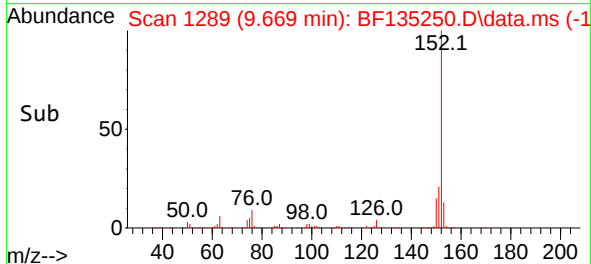
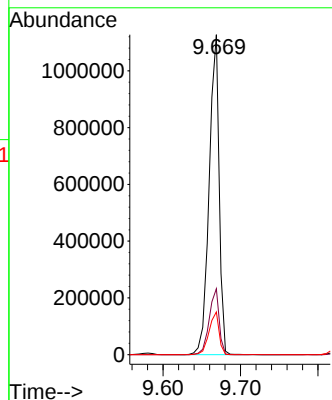
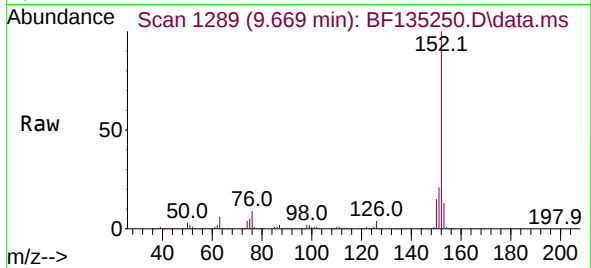




#49  
Acenaphthylene  
Concen: 43.897 ng  
RT: 9.669 min Scan# 1288  
Delta R.T. 0.006 min  
Lab File: BF135250.D  
Acq: 14 Sep 2023 13:02

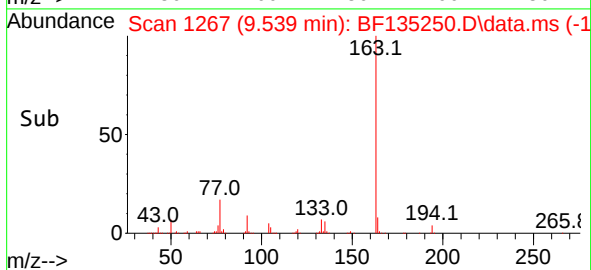
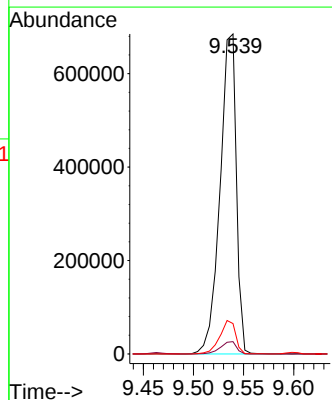
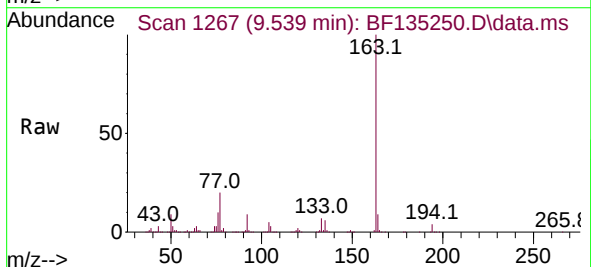
Instrument :  
BNA\_F  
ClientSampleId :

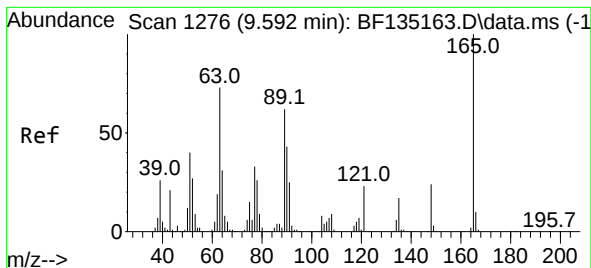
Tgt Ion:152 Resp: 1009168  
Ion Ratio Lower Upper  
152 100  
151 20.6 16.4 24.6  
153 13.4 10.4 15.6



#50  
Dimethylphthalate  
Concen: 46.119 ng  
RT: 9.539 min Scan# 1267  
Delta R.T. 0.006 min  
Lab File: BF135250.D  
Acq: 14 Sep 2023 13:02

Tgt Ion:163 Resp: 773570  
Ion Ratio Lower Upper  
163 100  
194 3.8 3.1 4.7  
164 9.5 8.1 12.1





#51

2,6-Dinitrotoluene

Concen: 46.815 ng

RT: 9.598 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF135250.D

Acq: 14 Sep 2023 13:02

Instrument :

BNA\_F

ClientSampleId :

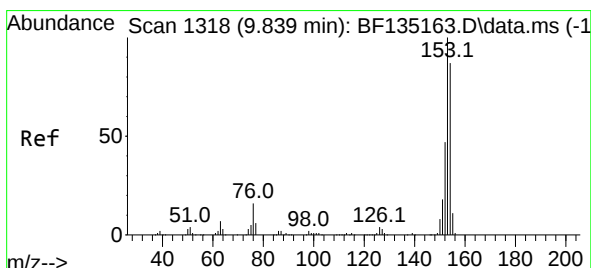
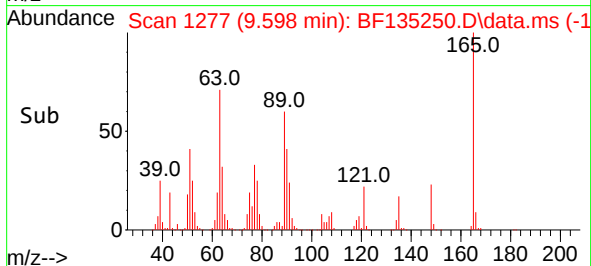
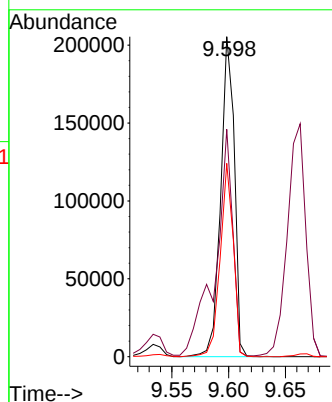
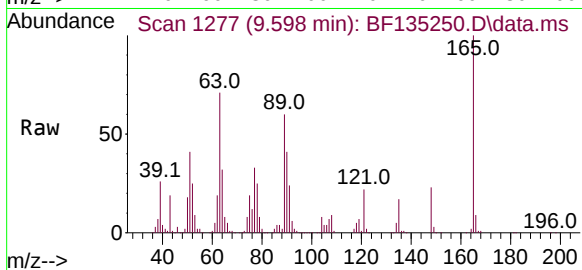
Tgt Ion:165 Resp: 172022

Ion Ratio Lower Upper

165 100

63 71.0 59.4 89.2

89 60.4 49.8 74.8



#52

Acenaphthene

Concen: 44.977 ng

RT: 9.839 min Scan# 1318

Delta R.T. 0.000 min

Lab File: BF135250.D

Acq: 14 Sep 2023 13:02

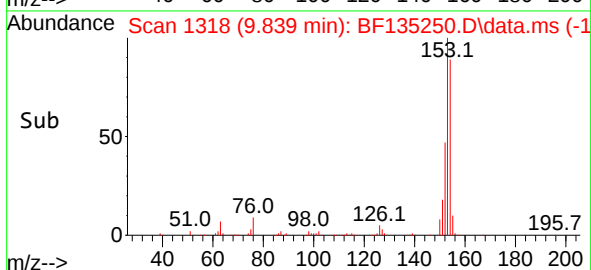
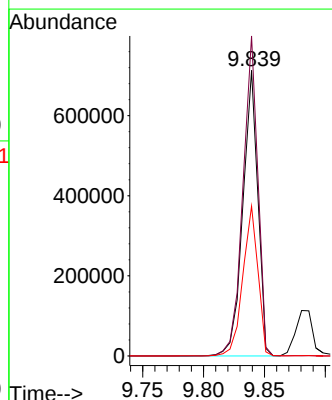
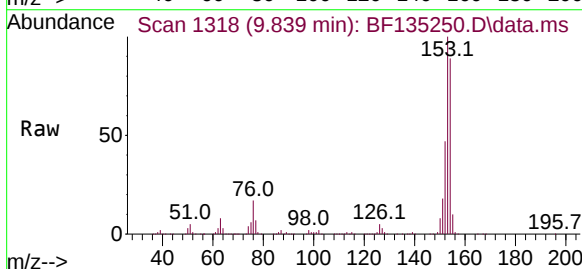
Tgt Ion:154 Resp: 610830

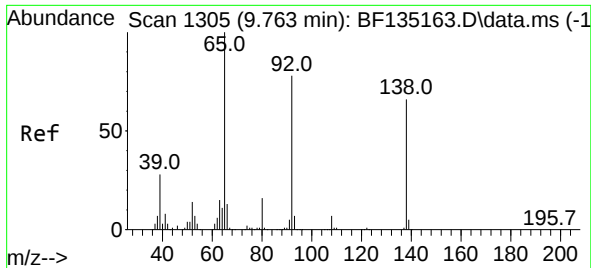
Ion Ratio Lower Upper

154 100

153 112.1 92.1 138.1

152 52.5 43.1 64.7

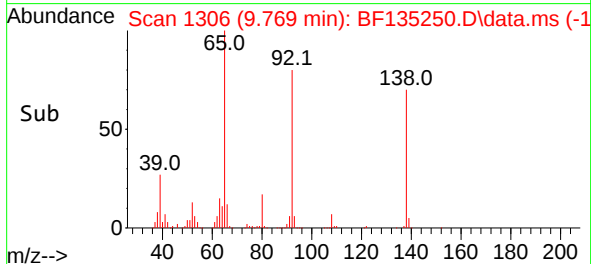
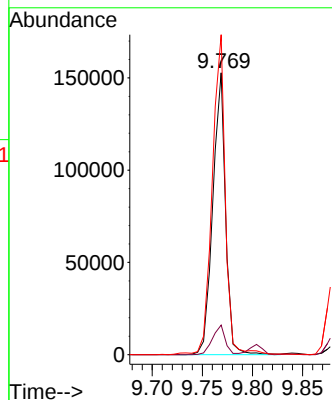
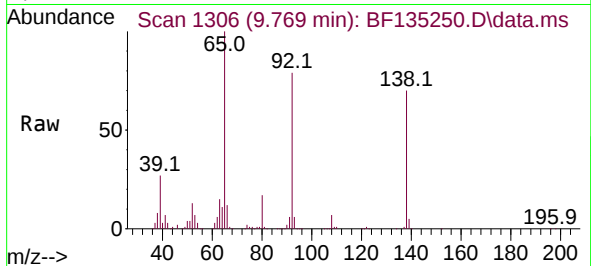




#53  
3-Nitroaniline  
Concen: 31.383 ng  
RT: 9.769 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: BF135250.D  
Acq: 14 Sep 2023 13:02

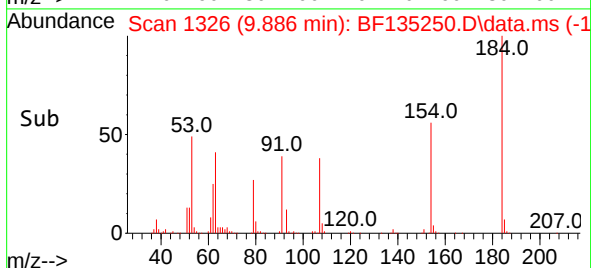
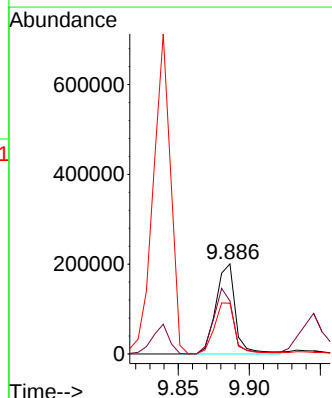
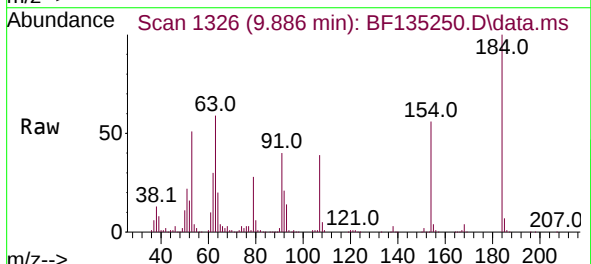
Instrument :  
BNA\_F  
ClientSampleId :

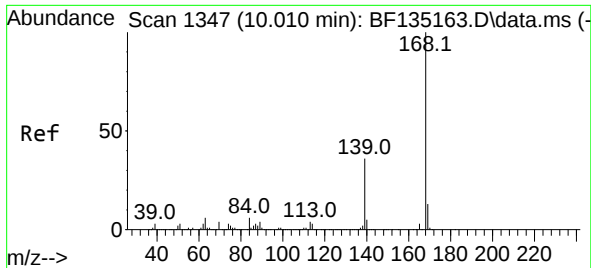
Tgt Ion:138 Resp: 135362  
Ion Ratio Lower Upper  
138 100  
108 10.5 8.5 12.7  
92 113.5 95.4 143.0



#54  
2,4-Dinitrophenol  
Concen: 91.196 ng  
RT: 9.886 min Scan# 1326  
Delta R.T. 0.012 min  
Lab File: BF135250.D  
Acq: 14 Sep 2023 13:02

Tgt Ion:184 Resp: 192211  
Ion Ratio Lower Upper  
184 100  
63 58.7 55.1 82.7  
154 56.2 48.4 72.6

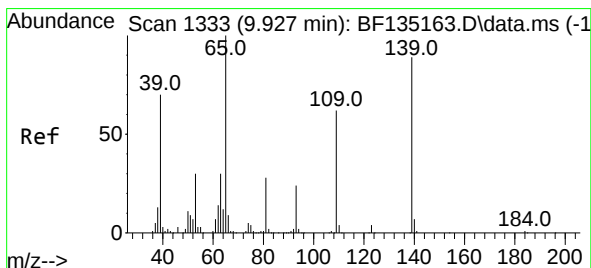
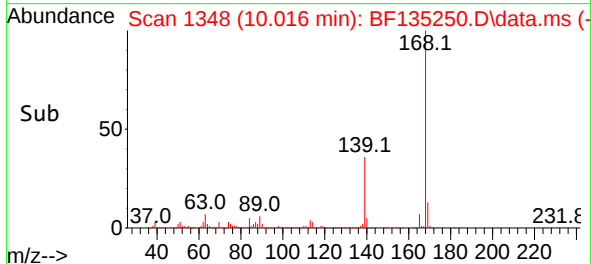
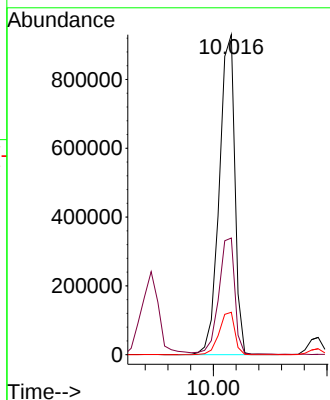
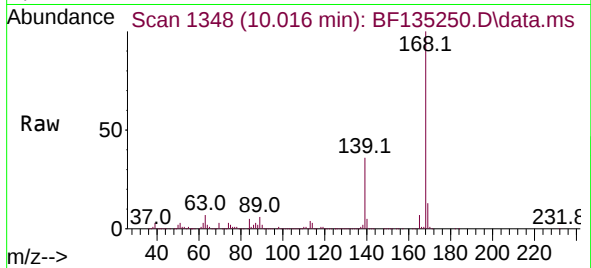




#55  
Dibenzenofuran  
Concen: 42.888 ng  
RT: 10.016 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: BF135250.D  
Acq: 14 Sep 2023 13:02

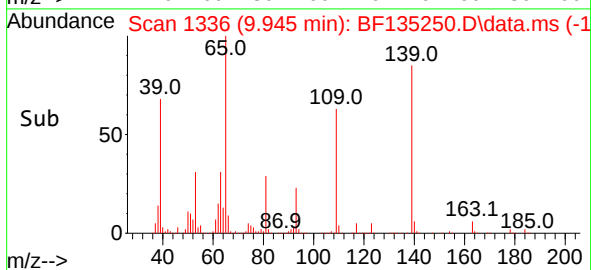
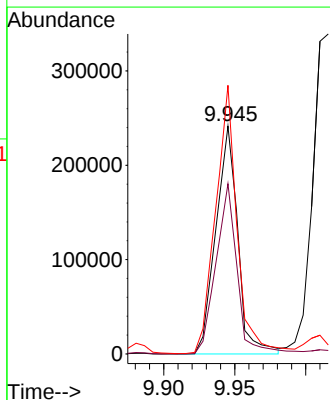
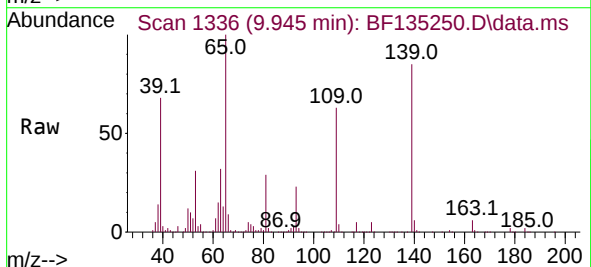
Instrument :  
BNA\_F  
ClientSampleId :

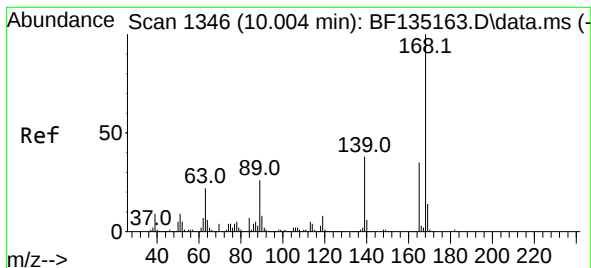
Tgt Ion:168 Resp: 888825  
Ion Ratio Lower Upper  
168 100  
139 36.5 29.0 43.6  
169 13.2 10.4 15.6



#56  
4-Nitrophenol  
Concen: 94.420 ng  
RT: 9.945 min Scan# 1336  
Delta R.T. 0.018 min  
Lab File: BF135250.D  
Acq: 14 Sep 2023 13:02

Tgt Ion:139 Resp: 258832  
Ion Ratio Lower Upper  
139 100  
109 74.7 49.8 89.8  
65 117.9 92.7 132.7

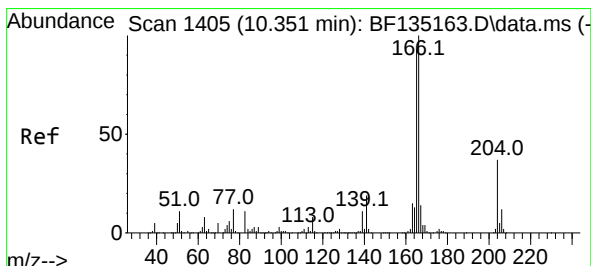
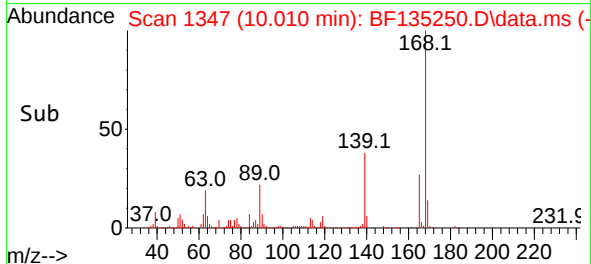
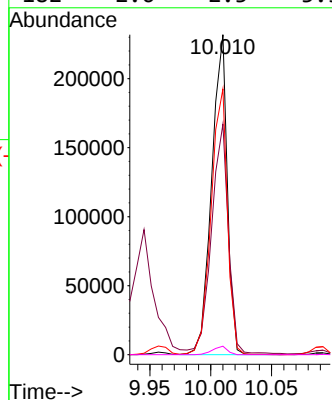
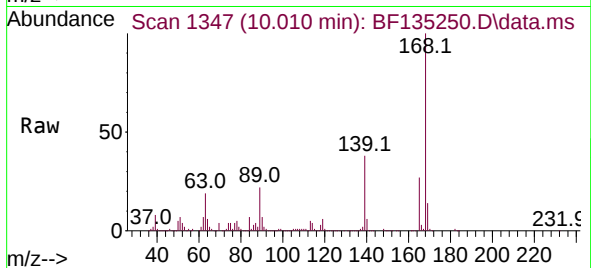




#57  
2,4-Dinitrotoluene  
Concen: 45.154 ng  
RT: 10.010 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: BF135250.D  
Acq: 14 Sep 2023 13:02

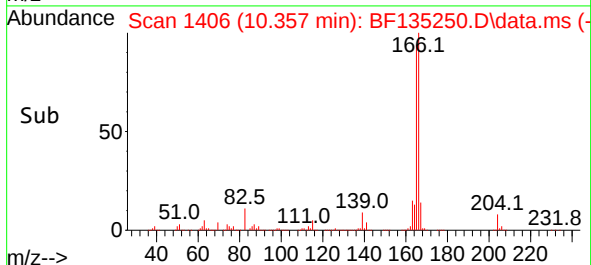
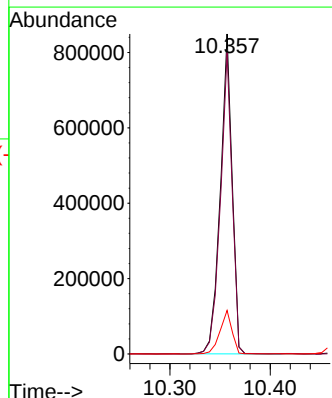
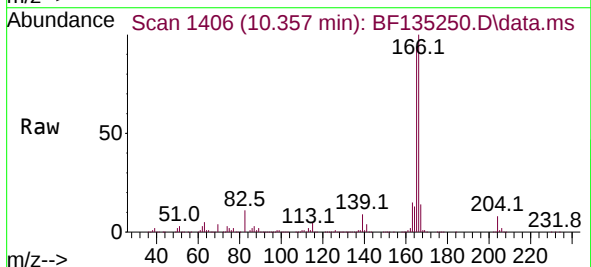
Instrument :  
BNA\_F  
ClientSampleId :

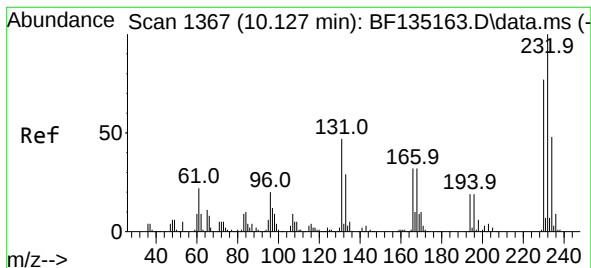
Tgt Ion:165 Resp: 207712  
Ion Ratio Lower Upper  
165 100  
63 72.0 50.1 75.1  
89 83.1 59.3 88.9  
182 2.6 2.3 3.5



#58  
Fluorene  
Concen: 43.519 ng  
RT: 10.357 min Scan# 1406  
Delta R.T. 0.006 min  
Lab File: BF135250.D  
Acq: 14 Sep 2023 13:02

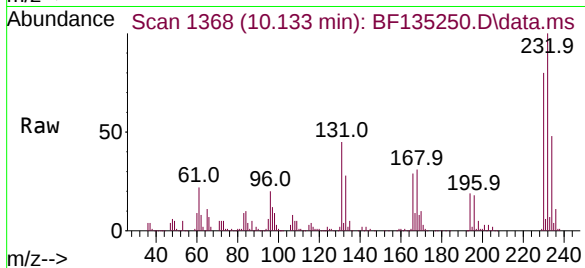
Tgt Ion:166 Resp: 693346  
Ion Ratio Lower Upper  
166 100  
165 94.2 74.3 111.5  
167 13.6 10.9 16.3



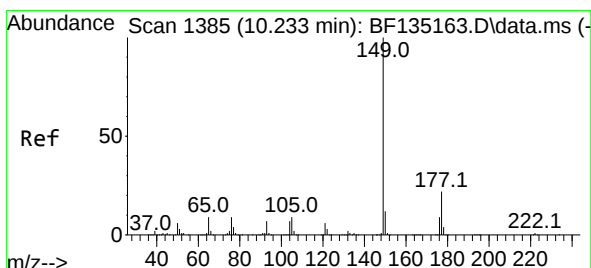
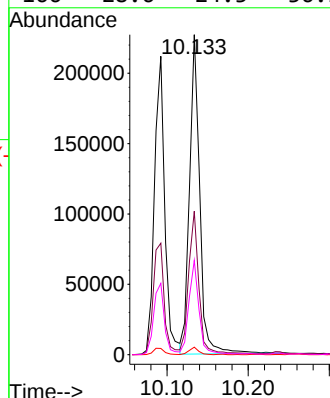
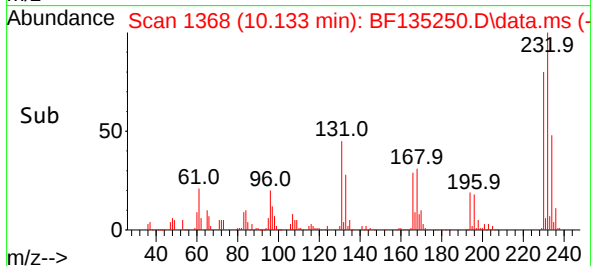


#59  
2,3,4,6-Tetrachlorophenol  
Concen: 47.529 ng  
RT: 10.133 min Scan# 1368  
Delta R.T. 0.006 min  
Lab File: BF135250.D  
Acq: 14 Sep 2023 13:02

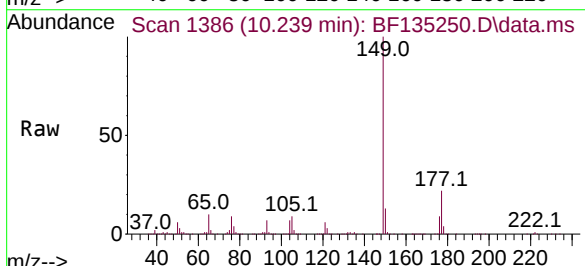
Instrument :  
BNA\_F  
ClientSampleId :



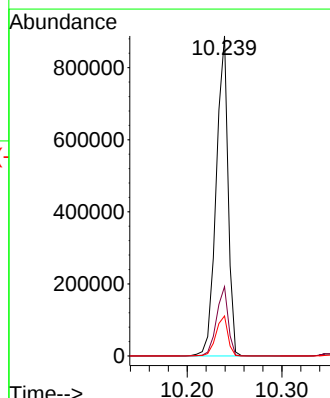
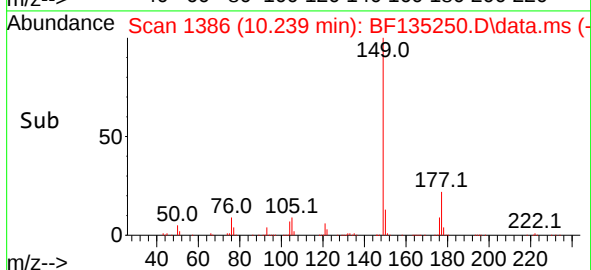
Tgt Ion:232 Resp: 198137  
Ion Ratio Lower Upper  
232 100  
131 44.7 35.4 53.2  
130 2.2 1.8 2.8  
166 28.6 24.3 36.5

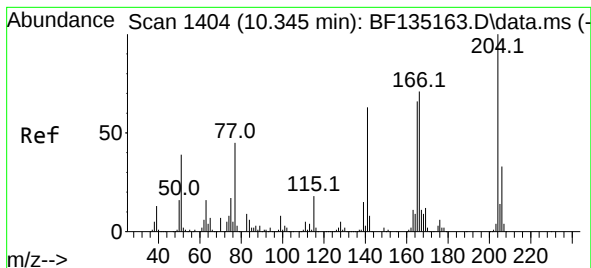


#60  
Diethylphthalate  
Concen: 45.705 ng  
RT: 10.239 min Scan# 1386  
Delta R.T. 0.006 min  
Lab File: BF135250.D  
Acq: 14 Sep 2023 13:02



Tgt Ion:149 Resp: 769373  
Ion Ratio Lower Upper  
149 100  
177 21.7 17.8 26.6  
150 12.5 10.0 15.0

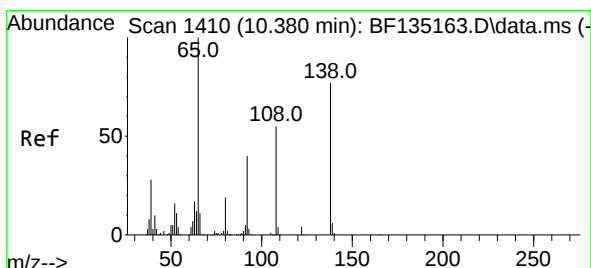
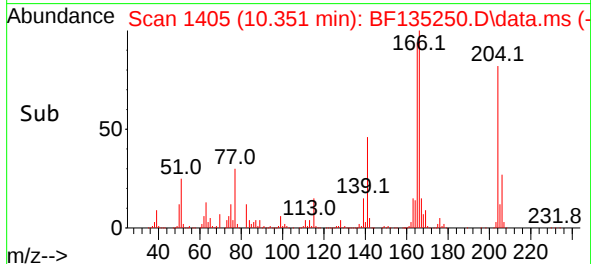
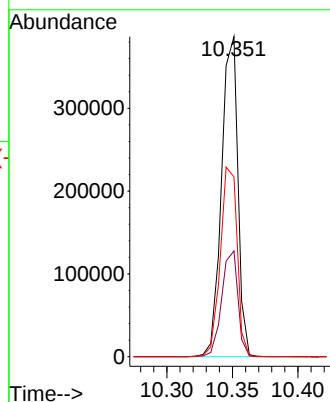
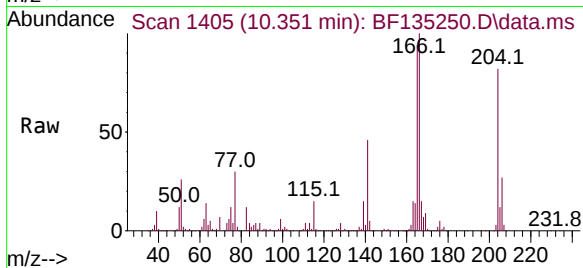




#61  
4-Chlorophenyl-phenylether  
Concen: 43.790 ng  
RT: 10.351 min Scan# 1405  
Delta R.T. 0.006 min  
Lab File: BF135250.D  
Acq: 14 Sep 2023 13:02

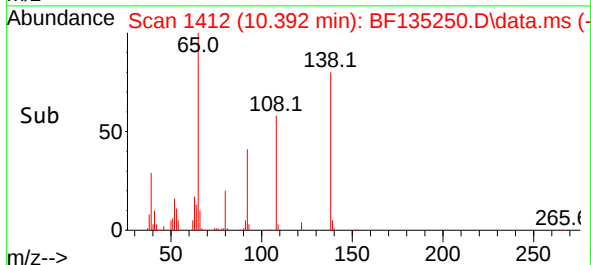
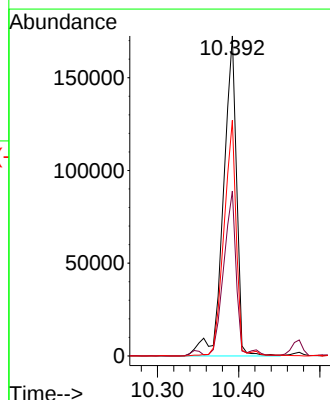
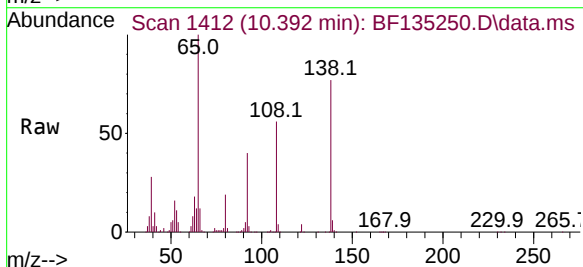
Instrument :  
BNA\_F  
ClientSampleId :

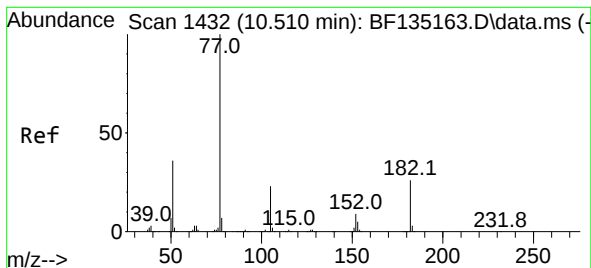
Tgt Ion:204 Resp: 335133  
Ion Ratio Lower Upper  
204 100  
206 33.0 26.7 40.1  
141 56.2 50.6 75.8



#62  
4-Nitroaniline  
Concen: 47.047 ng  
RT: 10.392 min Scan# 1412  
Delta R.T. 0.012 min  
Lab File: BF135250.D  
Acq: 14 Sep 2023 13:02

Tgt Ion:138 Resp: 195062  
Ion Ratio Lower Upper  
138 100  
92 51.6 31.8 71.8  
108 73.7 52.0 92.0





#63

Azobenzene

Concen: 45.843 ng

RT: 10.510 min Scan# 1432

Delta R.T. 0.000 min

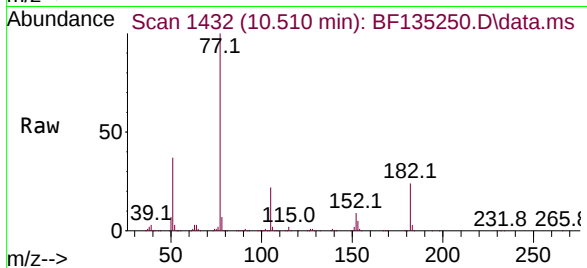
Lab File: BF135250.D

Acq: 14 Sep 2023 13:02

Instrument :

BNA\_F

ClientSampleId :



Tgt Ion: 77 Resp: 755258

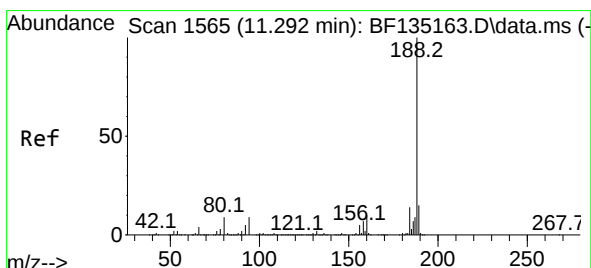
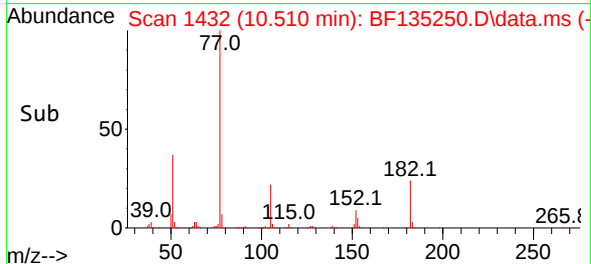
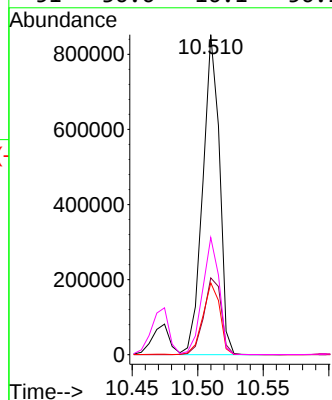
Ion Ratio Lower Upper

77 100

182 24.0 6.4 46.4

105 22.4 3.1 43.1

51 36.6 16.1 56.1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.298 min Scan# 1566

Delta R.T. 0.006 min

Lab File: BF135250.D

Acq: 14 Sep 2023 13:02

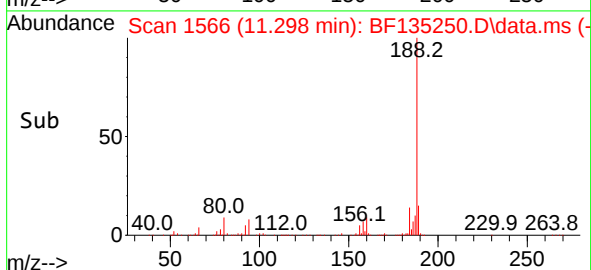
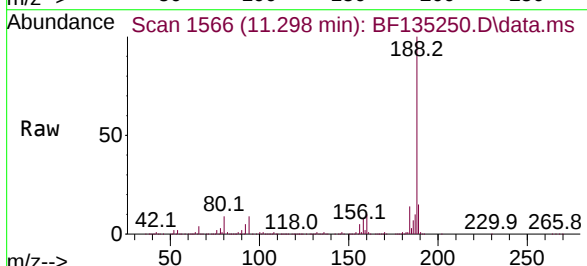
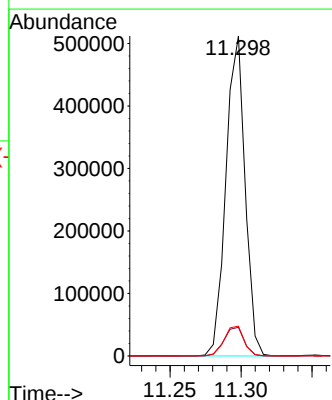
Tgt Ion: 188 Resp: 479511

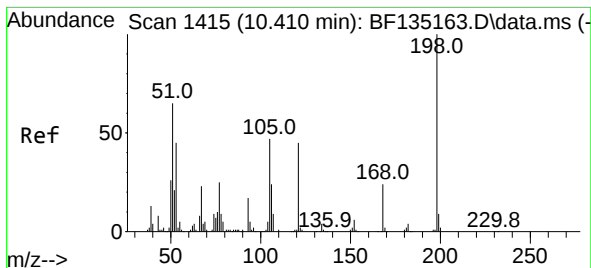
Ion Ratio Lower Upper

188 100

94 9.0 7.0 10.6

80 9.3 7.5 11.3

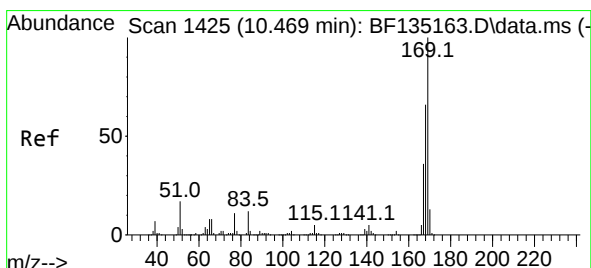
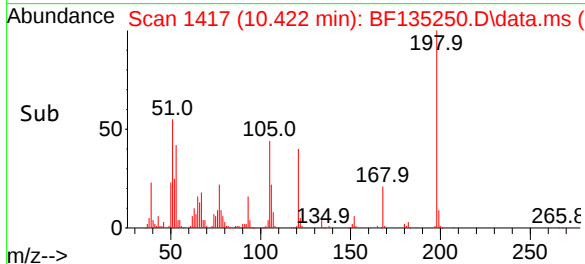
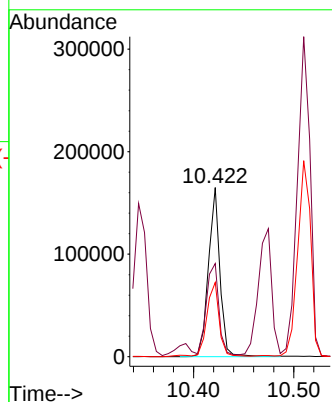
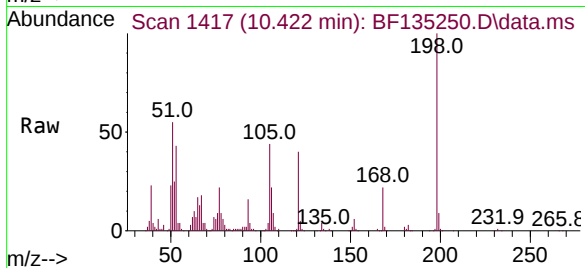




#65  
4,6-Dinitro-2-methylphenol  
Concen: 51.850 ng  
RT: 10.422 min Scan# 1415  
Delta R.T. 0.012 min  
Lab File: BF135250.D  
Acq: 14 Sep 2023 13:02

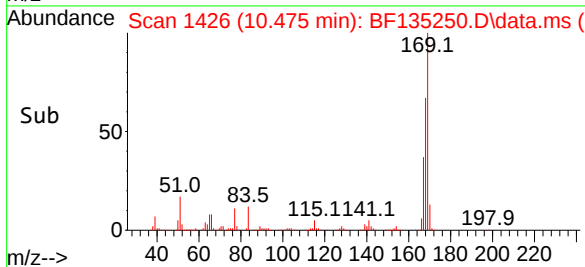
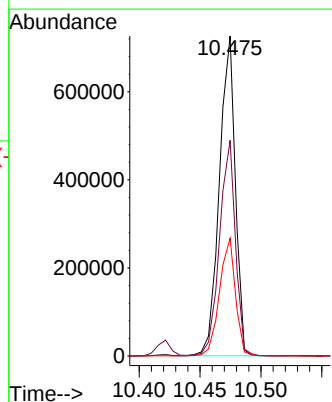
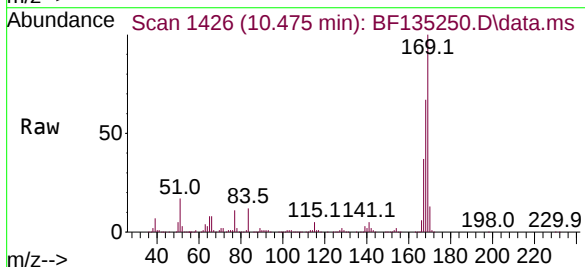
Instrument :  
BNA\_F  
ClientSampleId :

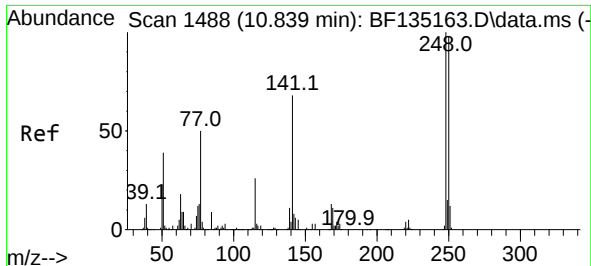
Tgt Ion:198 Resp: 132053  
Ion Ratio Lower Upper  
198 100  
51 55.1 47.7 87.7  
105 43.9 27.4 67.4



#66  
n-Nitrosodiphenylamine  
Concen: 45.562 ng  
RT: 10.475 min Scan# 1426  
Delta R.T. 0.006 min  
Lab File: BF135250.D  
Acq: 14 Sep 2023 13:02

Tgt Ion:169 Resp: 661430  
Ion Ratio Lower Upper  
169 100  
168 67.4 52.8 79.2  
167 36.8 29.0 43.6

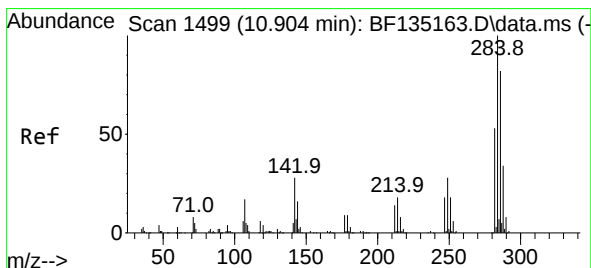
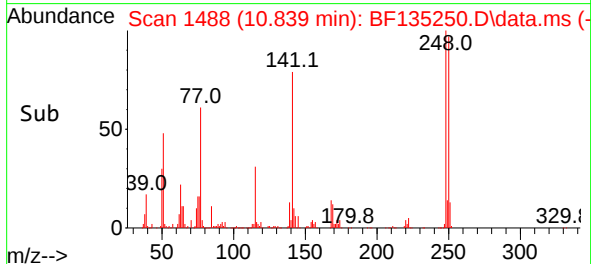
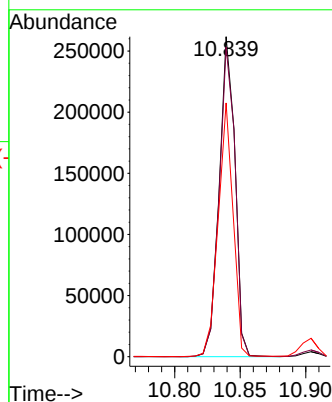
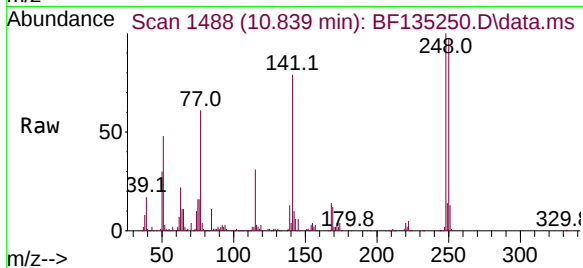




#67  
4-Bromophenyl-phenylether  
Concen: 45.860 ng  
RT: 10.839 min Scan# 1488  
Delta R.T. 0.000 min  
Lab File: BF135250.D  
Acq: 14 Sep 2023 13:02

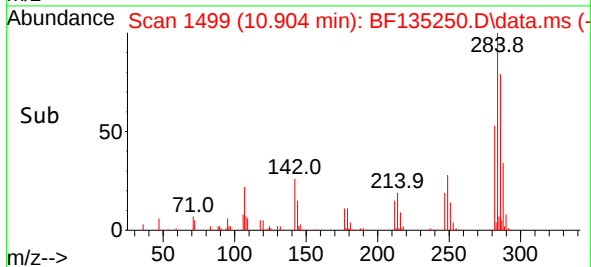
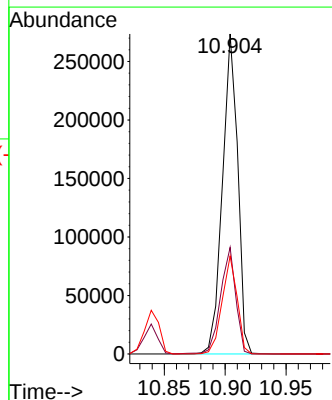
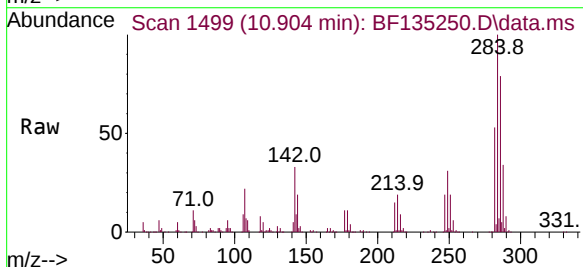
Instrument :  
BNA\_F  
ClientSampleId :

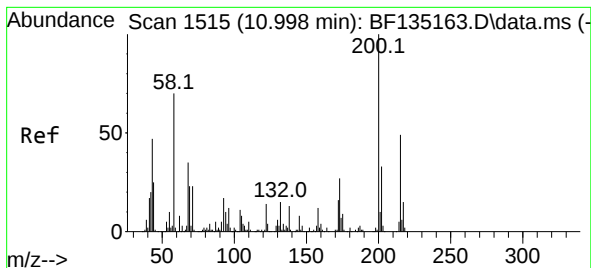
Tgt Ion:248 Resp: 218709  
Ion Ratio Lower Upper  
248 100  
250 96.7 78.6 117.8  
141 79.3 54.2 81.2



#68  
Hexachlorobenzene  
Concen: 49.100 ng  
RT: 10.904 min Scan# 1499  
Delta R.T. 0.000 min  
Lab File: BF135250.D  
Acq: 14 Sep 2023 13:02

Tgt Ion:284 Resp: 238556  
Ion Ratio Lower Upper  
284 100  
142 33.3 22.2 33.4  
249 30.6 22.5 33.7





#69

Atrazine

Concen: 56.169 ng

RT: 11.010 min Scan# 1517

Delta R.T. 0.012 min

Lab File: BF135250.D

Acq: 14 Sep 2023 13:02

Instrument :

BNA\_F

ClientSampleId :

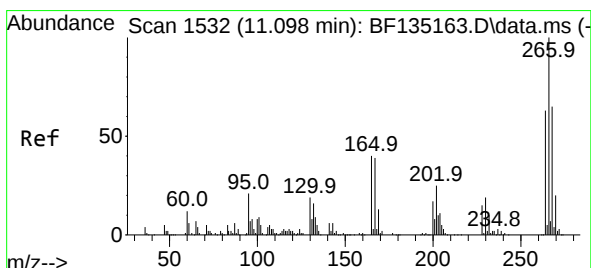
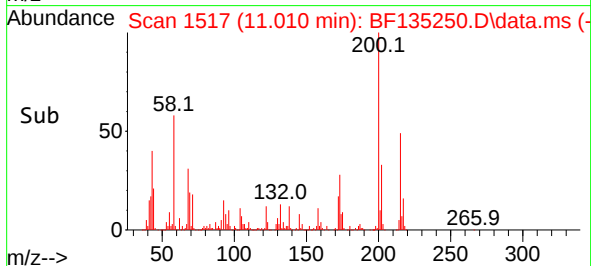
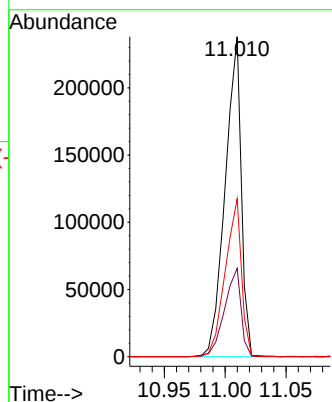
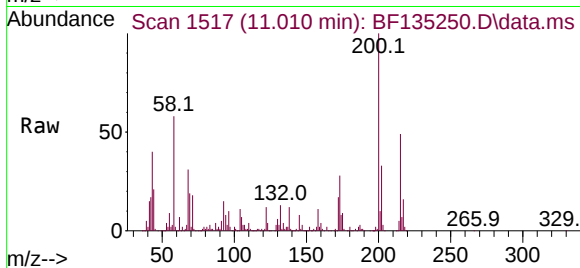
Tgt Ion:200 Resp: 219403

Ion Ratio Lower Upper

200 100

173 27.6 7.4 47.4

215 49.3 28.6 68.6



#70

Pentachlorophenol

Concen: 86.313 ng

RT: 11.104 min Scan# 1533

Delta R.T. 0.006 min

Lab File: BF135250.D

Acq: 14 Sep 2023 13:02

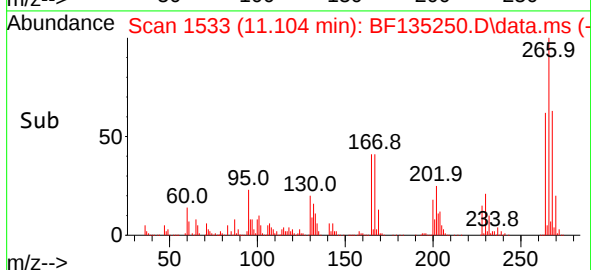
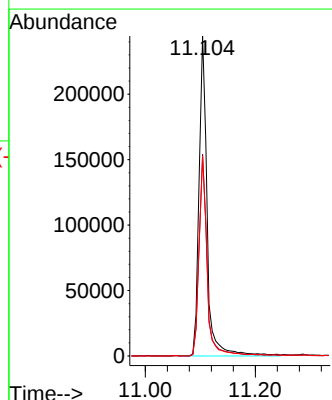
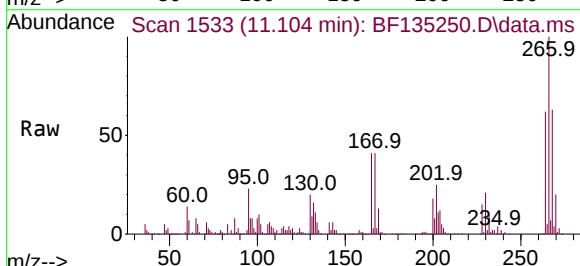
Tgt Ion:266 Resp: 250902

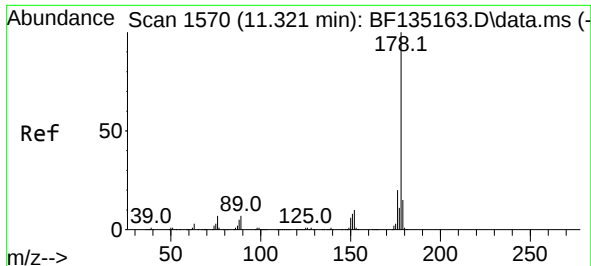
Ion Ratio Lower Upper

266 100

268 63.1 52.1 78.1

264 62.3 50.8 76.2

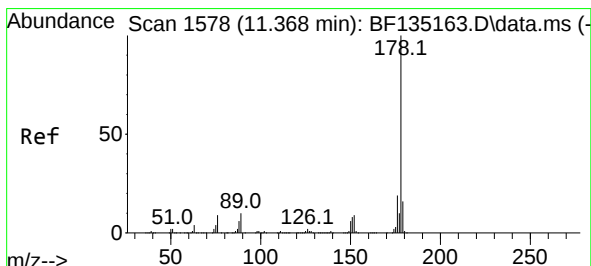
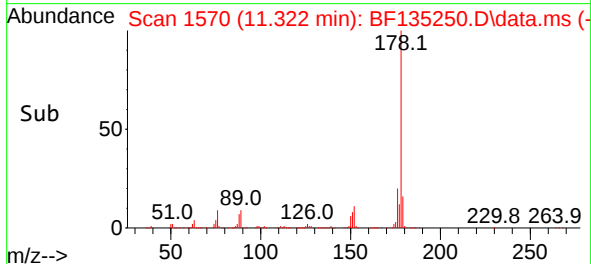
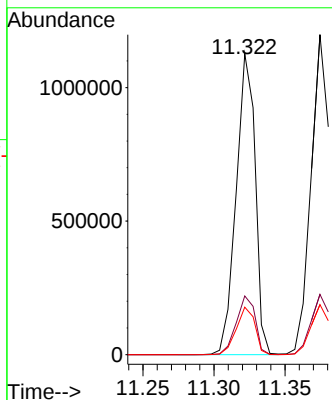
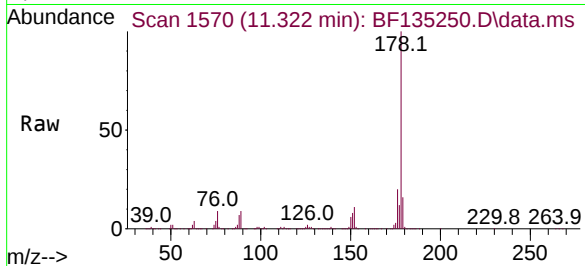




#71  
Phenanthrene  
Concen: 46.394 ng  
RT: 11.322 min Scan# 1570  
Delta R.T. 0.000 min  
Lab File: BF135250.D  
Acq: 14 Sep 2023 13:02

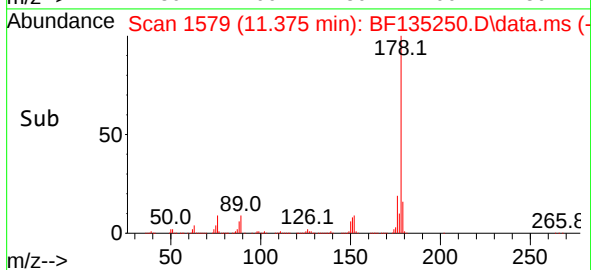
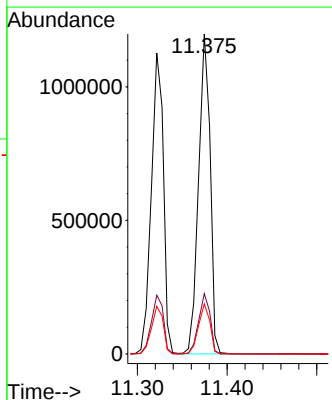
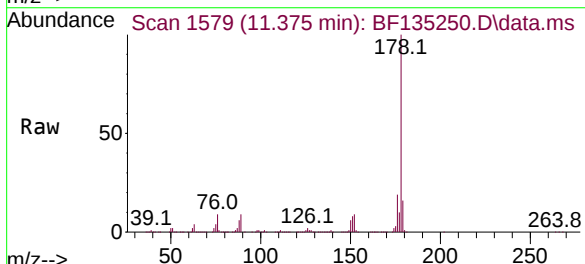
Instrument :  
BNA\_F  
ClientSampleId :

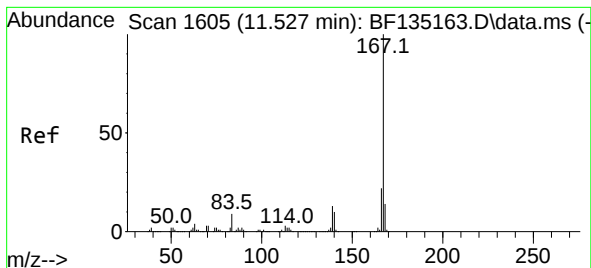
Tgt Ion:178 Resp: 1052159  
Ion Ratio Lower Upper  
178 100  
176 19.5 15.6 23.4  
179 15.8 12.0 18.0



#72  
Anthracene  
Concen: 46.050 ng  
RT: 11.375 min Scan# 1579  
Delta R.T. 0.006 min  
Lab File: BF135250.D  
Acq: 14 Sep 2023 13:02

Tgt Ion:178 Resp: 1073491  
Ion Ratio Lower Upper  
178 100  
176 18.8 15.4 23.2  
179 15.7 12.6 19.0





#73

Carbazole

Concen: 48.522 ng

RT: 11.533 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF135250.D

Acq: 14 Sep 2023 13:02

Instrument :

BNA\_F

ClientSampleId :

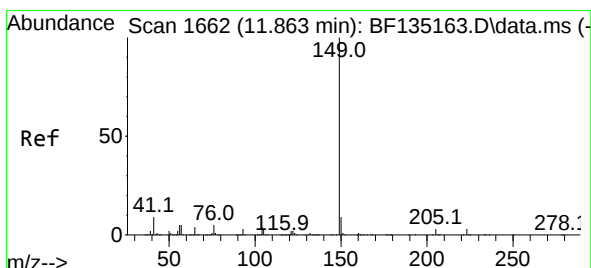
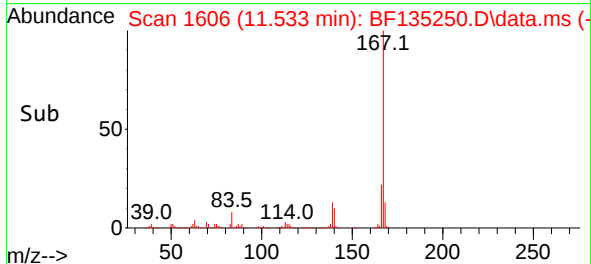
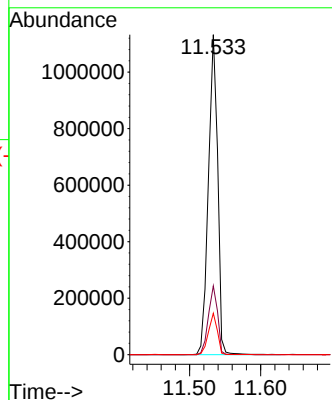
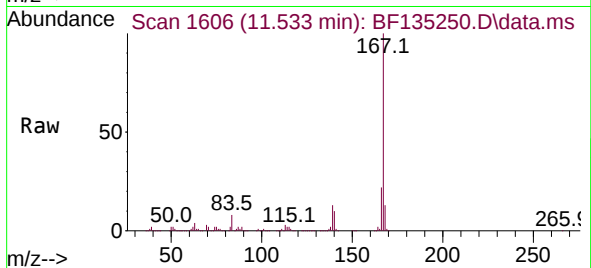
Tgt Ion:167 Resp: 1029685

Ion Ratio Lower Upper

167 100

166 21.5 17.4 26.0

139 12.9 10.6 15.8



#74

Di-n-butylphthalate

Concen: 49.273 ng

RT: 11.869 min Scan# 1663

Delta R.T. 0.006 min

Lab File: BF135250.D

Acq: 14 Sep 2023 13:02

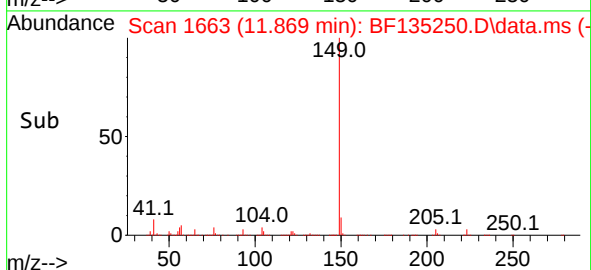
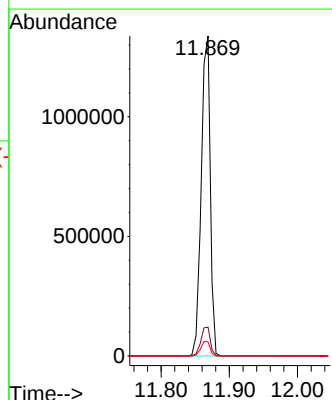
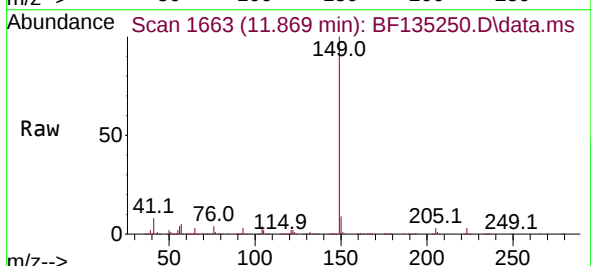
Tgt Ion:149 Resp: 1232085

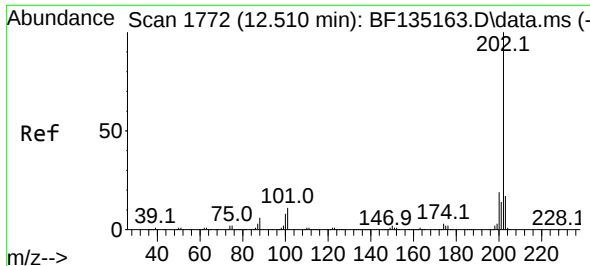
Ion Ratio Lower Upper

149 100

150 9.0 7.4 11.0

104 4.4 3.6 5.4

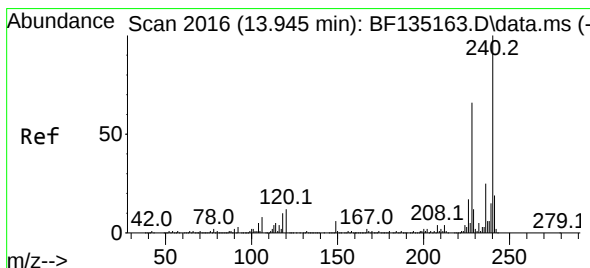
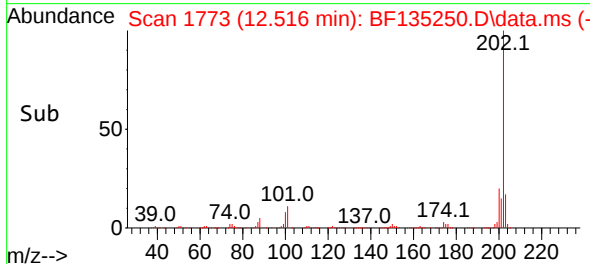
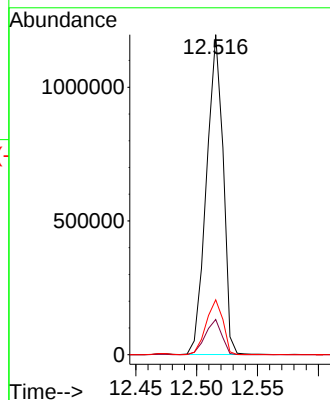
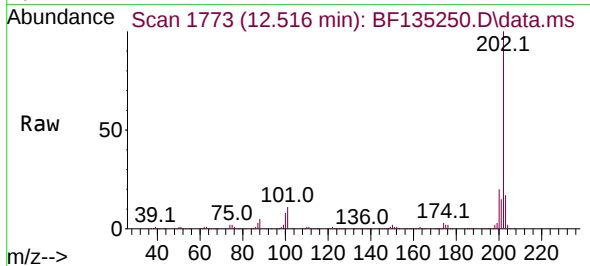




#75  
Fluoranthene  
Concen: 48.197 ng  
RT: 12.516 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: BF135250.D  
Acq: 14 Sep 2023 13:02

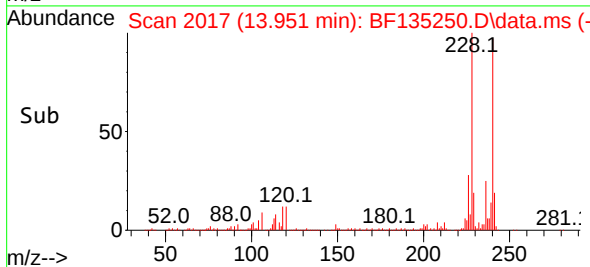
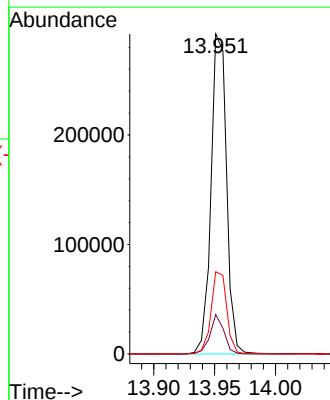
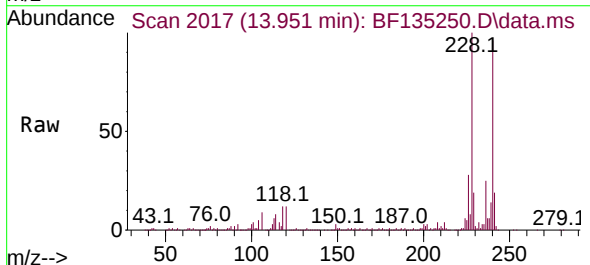
Instrument :  
BNA\_F  
ClientSampleId :

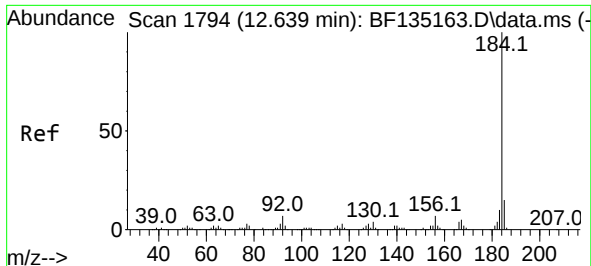
Tgt Ion:202 Resp: 1138956  
Ion Ratio Lower Upper  
202 100  
101 11.0 0.0 31.3  
203 17.1 0.0 37.4



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.951 min Scan# 2017  
Delta R.T. 0.006 min  
Lab File: BF135250.D  
Acq: 14 Sep 2023 13:02

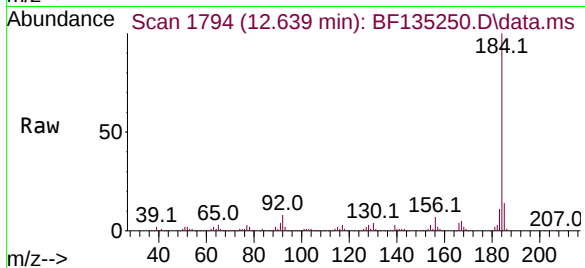
Tgt Ion:240 Resp: 259131  
Ion Ratio Lower Upper  
240 100  
120 12.3 9.4 14.2  
236 25.7 19.8 29.8



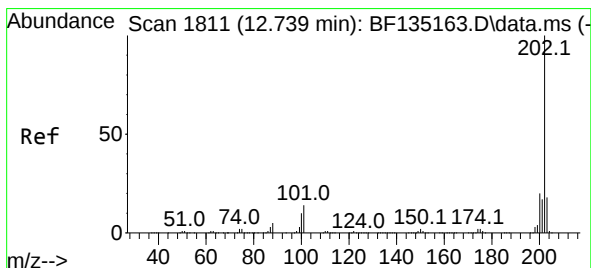
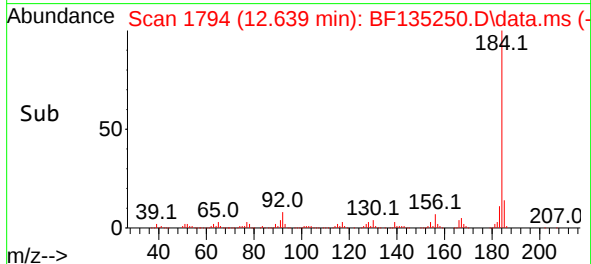
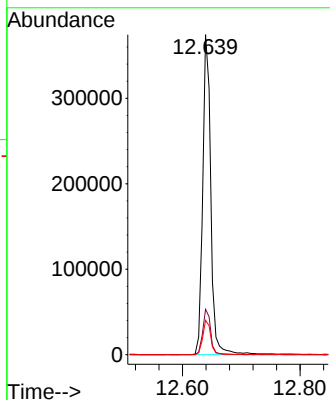


#77  
Benzidine  
Concen: 67.227 ng  
RT: 12.639 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF135250.D  
Acq: 14 Sep 2023 13:02

Instrument :  
BNA\_F  
ClientSampleId :

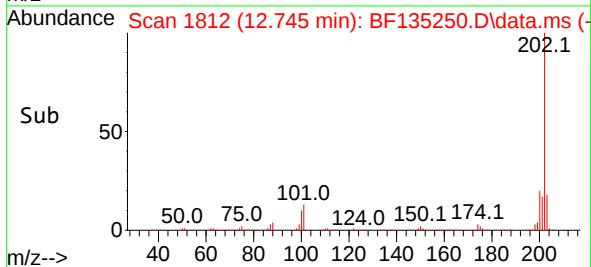
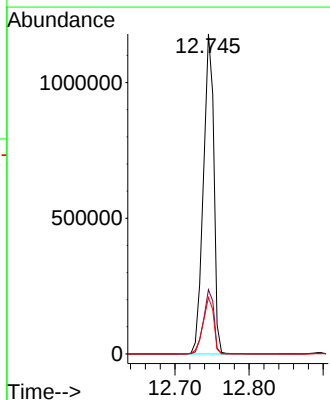
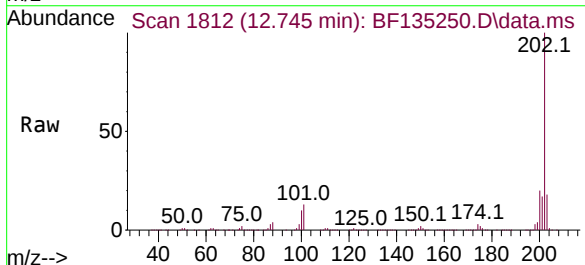


Tgt Ion:184 Resp: 356894  
Ion Ratio Lower Upper  
184 100  
185 14.2 11.7 17.5  
183 10.7 8.2 12.4



#78  
Pyrene  
Concen: 46.808 ng  
RT: 12.745 min Scan# 1812  
Delta R.T. 0.006 min  
Lab File: BF135250.D  
Acq: 14 Sep 2023 13:02

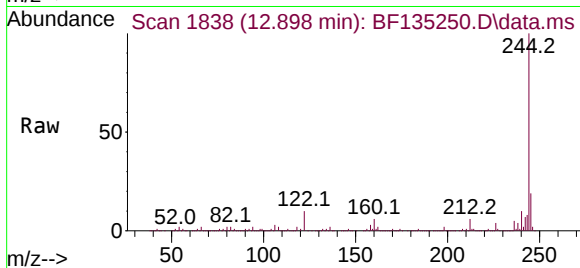
Tgt Ion:202 Resp: 1154805  
Ion Ratio Lower Upper  
202 100  
200 20.1 16.2 24.2  
203 17.6 14.2 21.4



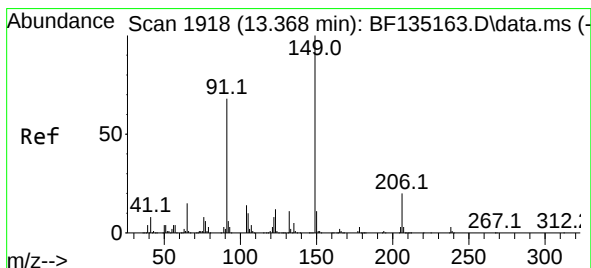
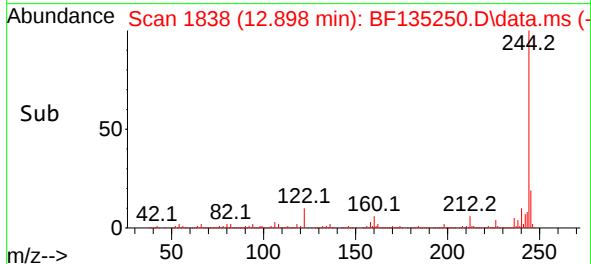
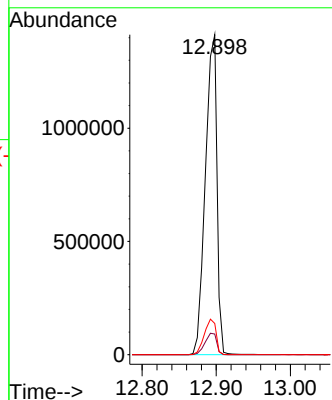


#79  
 Terphenyl-d14  
 Concen: 92.012 ng  
 RT: 12.898 min Scan# 1838  
 Delta R.T. 0.006 min  
 Lab File: BF135250.D  
 Acq: 14 Sep 2023 13:02

Instrument :  
 BNA\_F  
 ClientSampleId :

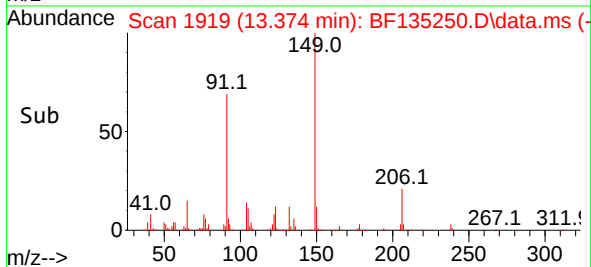
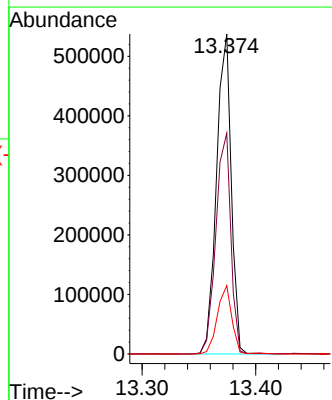
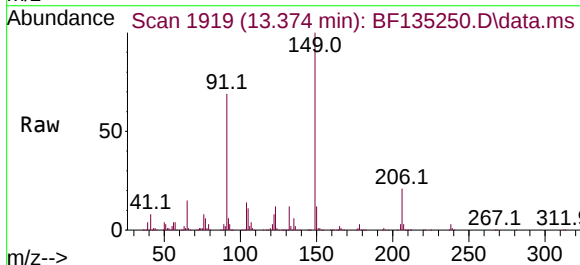


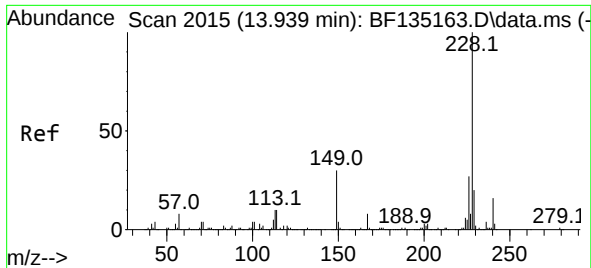
Tgt Ion:244 Resp: 1538070  
 Ion Ratio Lower Upper  
 244 100  
 212 6.5 5.1 7.7  
 122 9.8 7.9 11.9



#80  
 Butylbenzylphthalate  
 Concen: 55.836 ng  
 RT: 13.374 min Scan# 1919  
 Delta R.T. 0.006 min  
 Lab File: BF135250.D  
 Acq: 14 Sep 2023 13:02

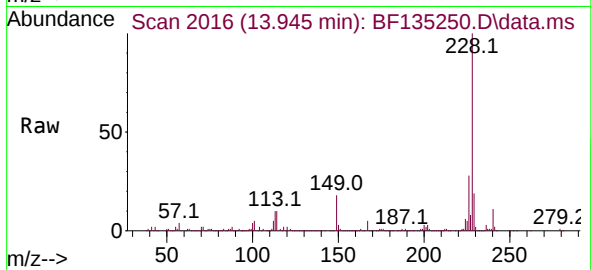
Tgt Ion:149 Resp: 485011  
 Ion Ratio Lower Upper  
 149 100  
 91 69.0 54.7 82.1  
 206 21.4 16.3 24.5



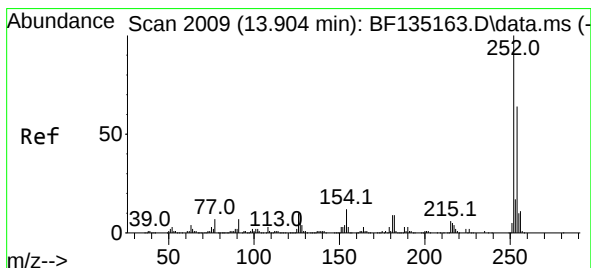
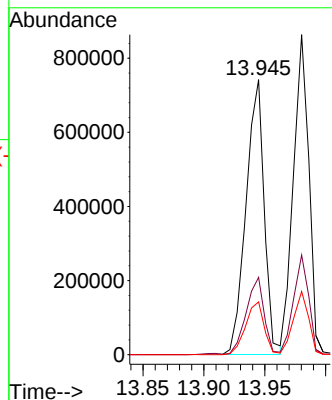
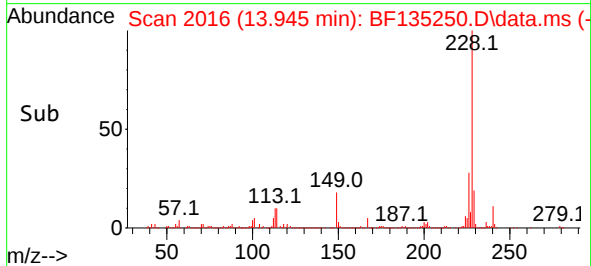


#81  
Benzo(a)anthracene  
Concen: 46.208 ng  
RT: 13.945 min Scan# 2015  
Delta R.T. 0.006 min  
Lab File: BF135250.D  
Acq: 14 Sep 2023 13:02

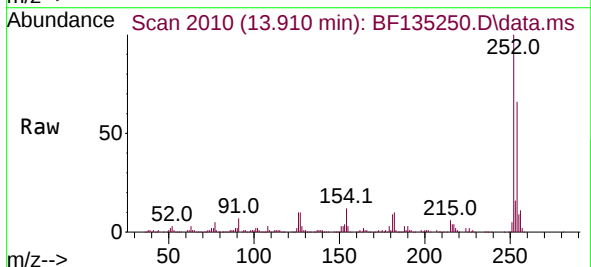
Instrument :  
BNA\_F  
ClientSampleId :



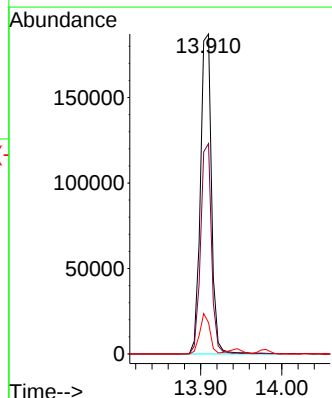
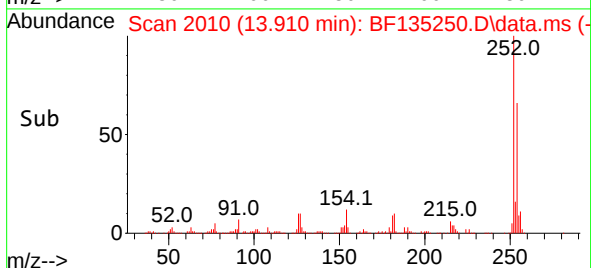
Tgt Ion:228 Resp: 773181  
Ion Ratio Lower Upper  
228 100  
226 28.1 21.7 32.5  
229 19.2 15.8 23.8

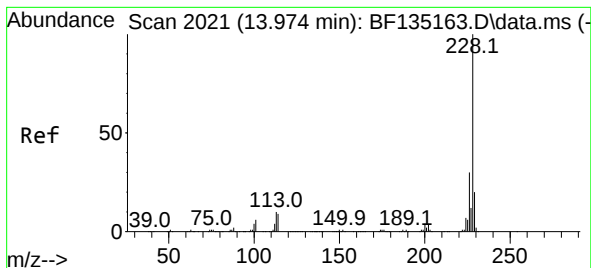


#82  
3,3'-Dichlorobenzidine  
Concen: 33.969 ng  
RT: 13.910 min Scan# 2010  
Delta R.T. 0.006 min  
Lab File: BF135250.D  
Acq: 14 Sep 2023 13:02



Tgt Ion:252 Resp: 177540  
Ion Ratio Lower Upper  
252 100  
254 65.7 51.0 76.4  
126 9.8 7.8 11.8





#83

Chrysene

Concen: 46.032 ng

RT: 13.980 min Scan# 2022

Delta R.T. 0.006 min

Lab File: BF135250.D

Acq: 14 Sep 2023 13:02

Instrument :

BNA\_F

ClientSampleId :

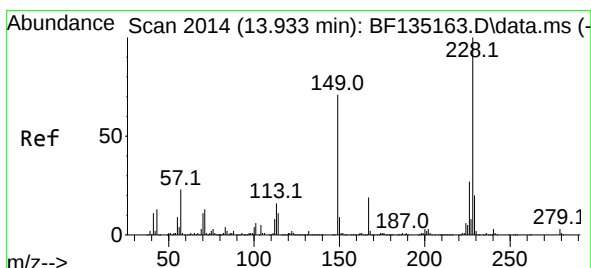
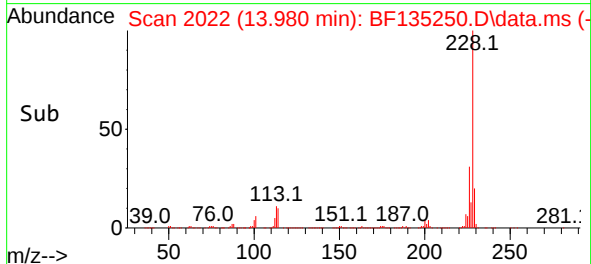
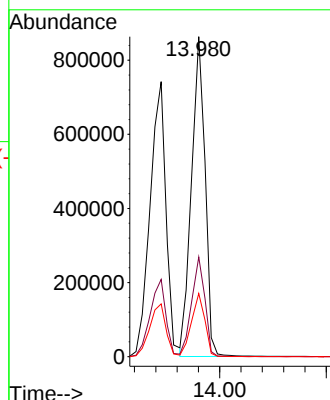
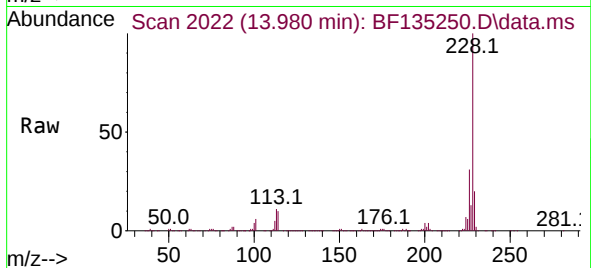
Tgt Ion:228 Resp: 765801

Ion Ratio Lower Upper

228 100

226 31.2 24.3 36.5

229 19.8 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 63.066 ng

RT: 13.933 min Scan# 2014

Delta R.T. 0.000 min

Lab File: BF135250.D

Acq: 14 Sep 2023 13:02

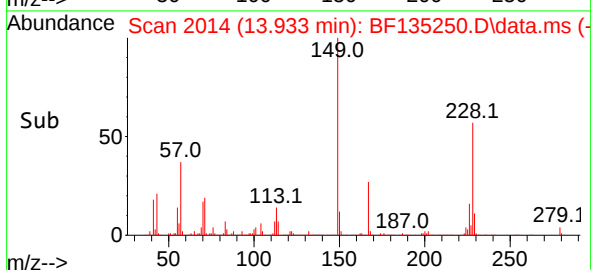
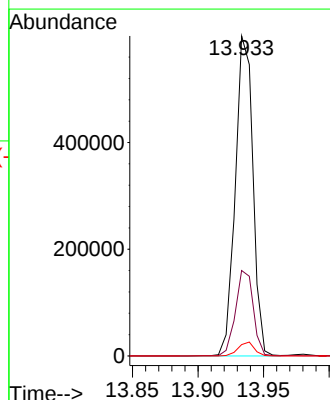
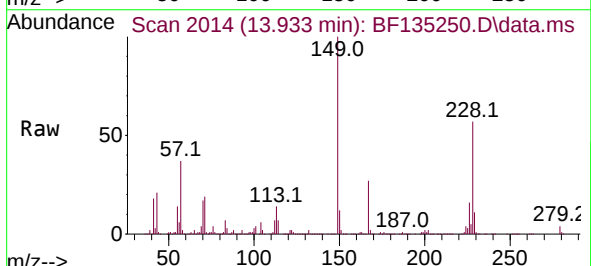
Tgt Ion:149 Resp: 562148

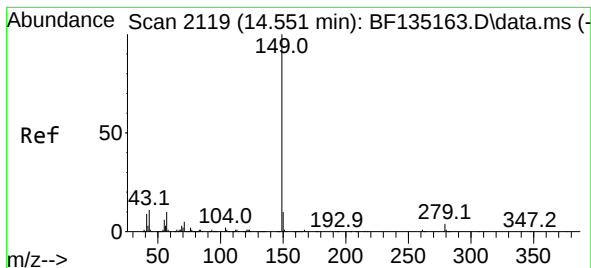
Ion Ratio Lower Upper

149 100

167 26.7 21.9 32.9

279 3.6 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 60.362 ng

RT: 14.551 min Scan# 2119

Delta R.T. 0.000 min

Lab File: BF135250.D

Acq: 14 Sep 2023 13:02

Instrument :

BNA\_F

ClientSampleId :

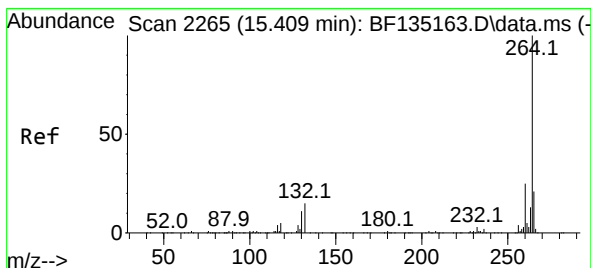
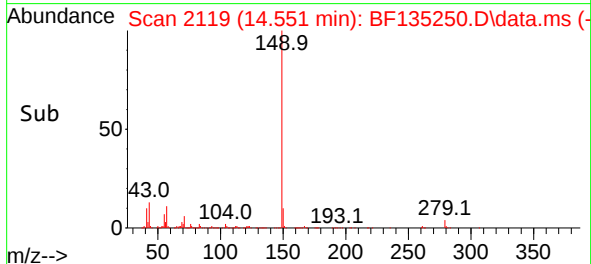
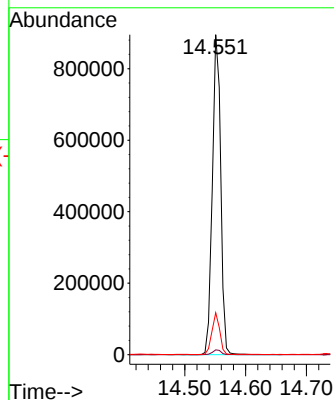
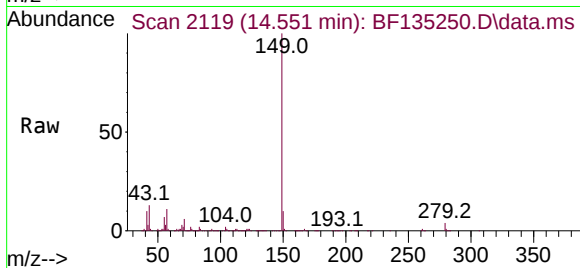
Tgt Ion:149 Resp: 855057

Ion Ratio Lower Upper

149 100

167 1.6 1.1 1.7

43 12.3 9.8 14.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.415 min Scan# 2266

Delta R.T. 0.006 min

Lab File: BF135250.D

Acq: 14 Sep 2023 13:02

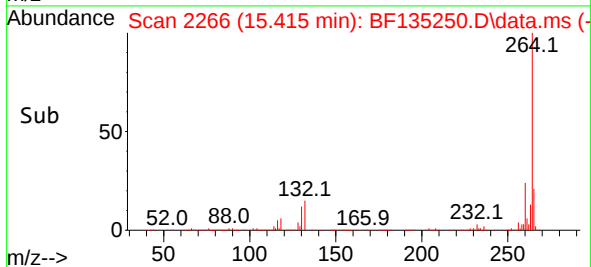
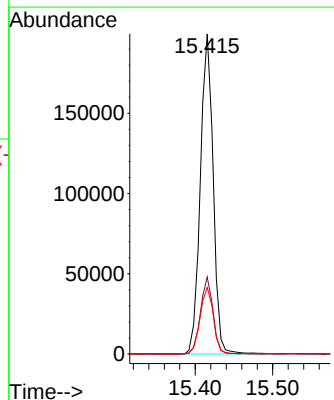
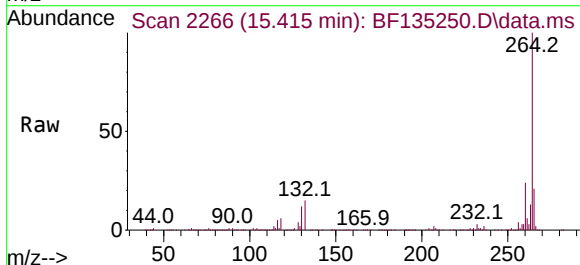
Tgt Ion:264 Resp: 229087

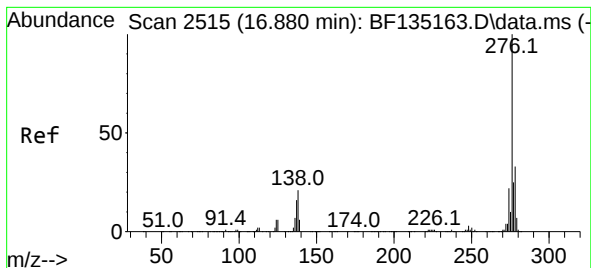
Ion Ratio Lower Upper

264 100

260 24.0 19.8 29.6

265 20.7 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 50.350 ng

RT: 16.904 min Scan# 2119

Delta R.T. 0.024 min

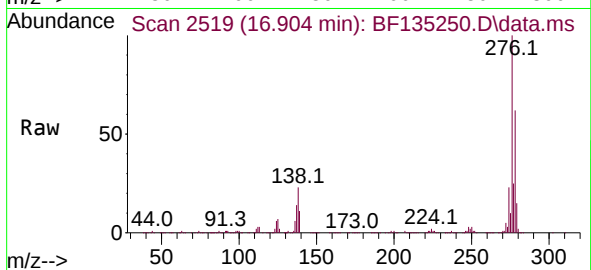
Lab File: BF135250.D

Acq: 14 Sep 2023 13:02

Instrument :

BNA\_F

ClientSampleId :



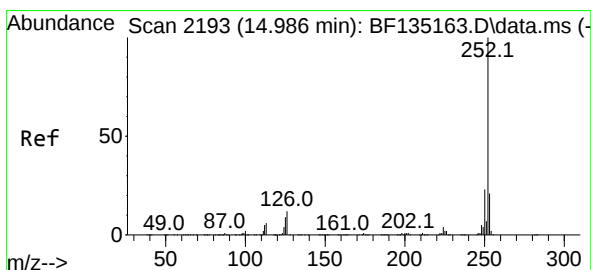
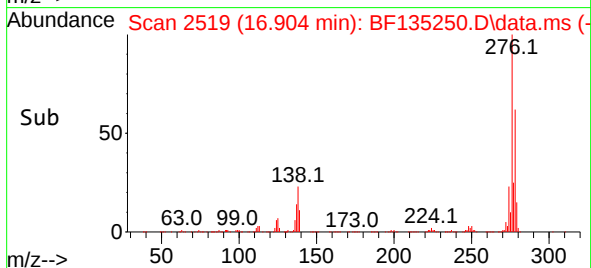
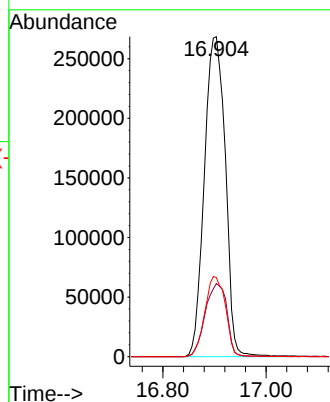
Tgt Ion:276 Resp: 756275

Ion Ratio Lower Upper

276 100

138 23.5 19.2 28.8

277 24.7 19.7 29.5



#88

Benzo(b)fluoranthene

Concen: 50.410 ng

RT: 14.992 min Scan# 2194

Delta R.T. 0.006 min

Lab File: BF135250.D

Acq: 14 Sep 2023 13:02

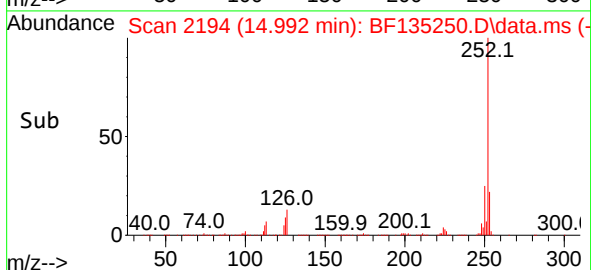
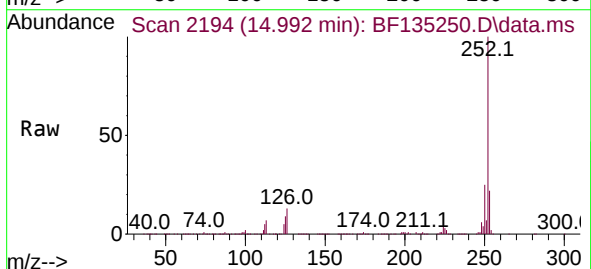
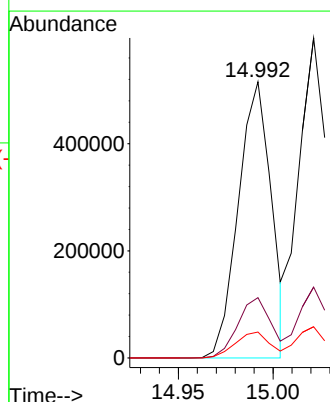
Tgt Ion:252 Resp: 625148

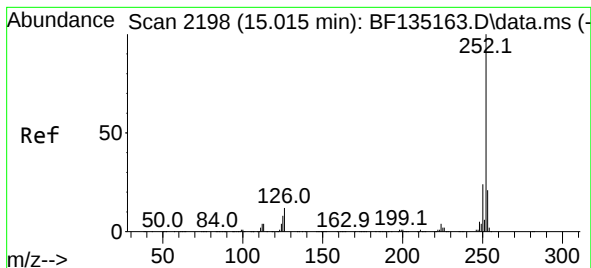
Ion Ratio Lower Upper

252 100

253 21.9 17.2 25.8

125 9.4 7.1 10.7





#89

Benzo(k)fluoranthene

Concen: 50.565 ng

RT: 15.021 min Scan# 2199

Delta R.T. 0.006 min

Lab File: BF135250.D

Acq: 14 Sep 2023 13:02

Instrument :

BNA\_F

ClientSampleId :

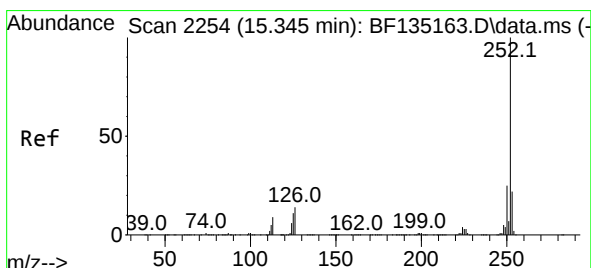
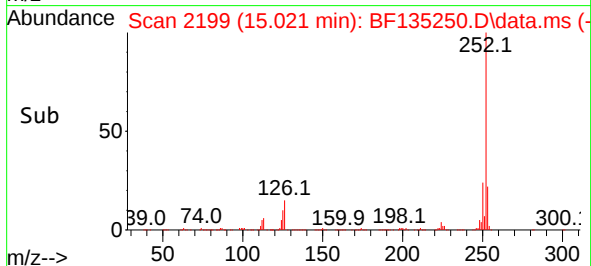
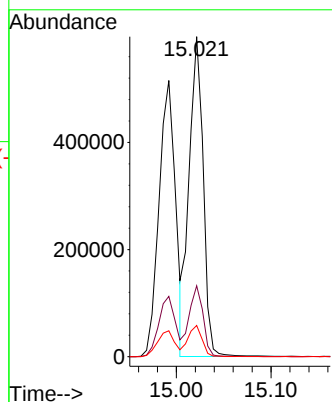
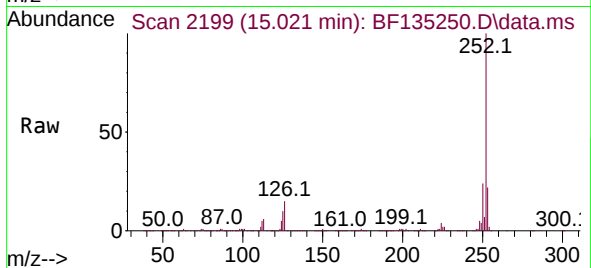
Tgt Ion:252 Resp: 619438

Ion Ratio Lower Upper

252 100

253 22.1 17.4 26.0

125 9.7 7.2 10.8



#90

Benzo(a)pyrene

Concen: 47.565 ng

RT: 15.357 min Scan# 2256

Delta R.T. 0.012 min

Lab File: BF135250.D

Acq: 14 Sep 2023 13:02

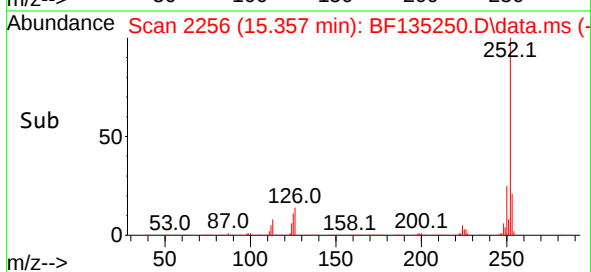
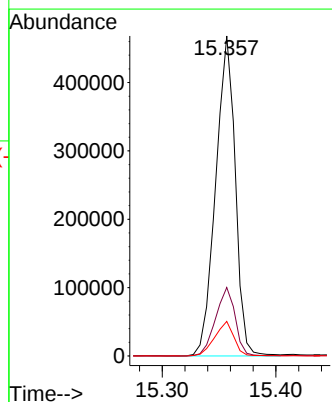
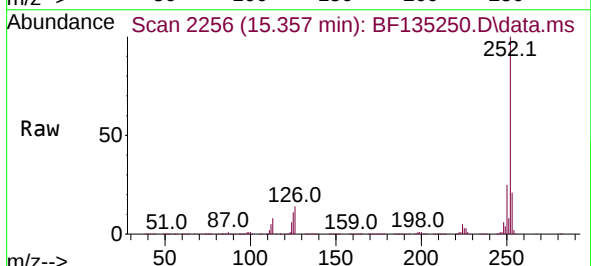
Tgt Ion:252 Resp: 562518

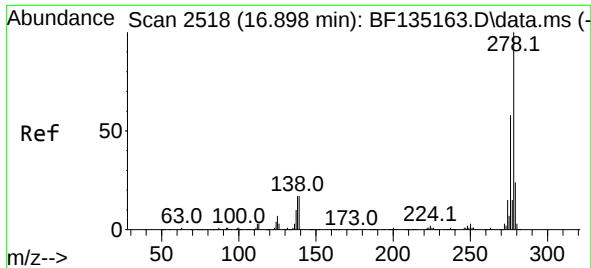
Ion Ratio Lower Upper

252 100

253 21.4 17.5 26.3

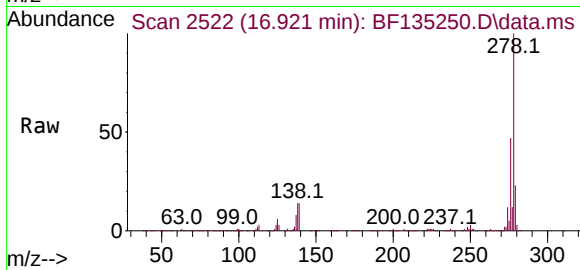
125 10.8 9.2 13.8



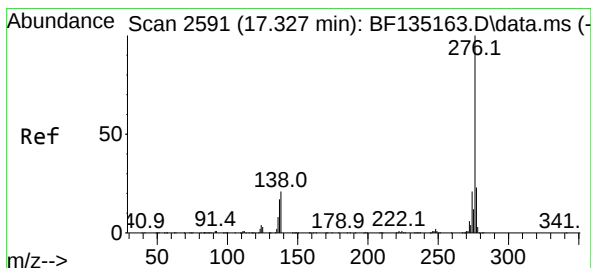
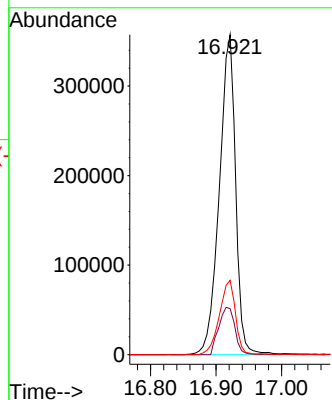
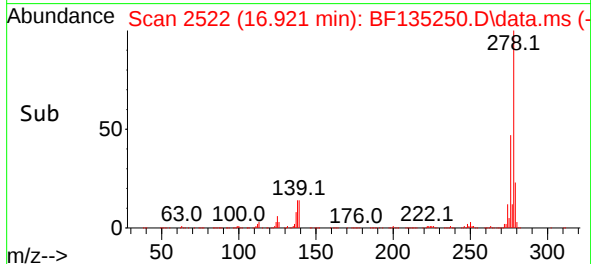


#91  
Dibenzo(a,h)anthracene  
Concen: 49.963 ng  
RT: 16.921 min Scan# 2518  
Delta R.T. 0.024 min  
Lab File: BF135250.D  
Acq: 14 Sep 2023 13:02

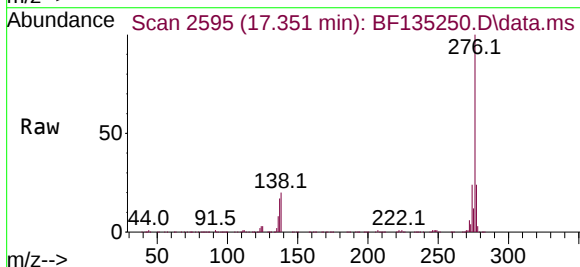
Instrument :  
BNA\_F  
ClientSampleId :



Tgt Ion:278 Resp: 614039  
Ion Ratio Lower Upper  
278 100  
139 14.4 13.4 20.0  
279 23.3 19.0 28.6



#92  
Benzo(g,h,i)perylene  
Concen: 48.046 ng  
RT: 17.351 min Scan# 2595  
Delta R.T. 0.024 min  
Lab File: BF135250.D  
Acq: 14 Sep 2023 13:02



Tgt Ion:276 Resp: 616680  
Ion Ratio Lower Upper  
276 100  
277 24.4 18.8 28.2  
138 20.4 16.9 25.3

