

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF091423\  
 Data File : BF135261.D  
 Acq On : 14 Sep 2023 19:00  
 Operator : CG\JU  
 Sample : 04393-01MS  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :

Quant Time: Sep 15 01:34:33 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  | 138435   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.045  | 136  | 509915   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.804  | 164  | 211941   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.304 | 188  | 247435   | 20.000 | ng    | # 0.01   |
| 76) Chrysene-d12              | 13.974 | 240  | 172683   | 20.000 | ng    | # 0.03   |
| 86) Perylene-d12              | 15.439 | 264  | 238565   | 20.000 | ng    | 0.03     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.404  | 112  | 718333   | 84.396 | ng    | 0.02     |
| 7) Phenol-d6                  | 6.416  | 99   | 938441   | 86.709 | ng    | 0.01     |
| 23) Nitrobenzene-d5           | 7.334  | 82   | 597855   | 63.699 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.604 | 330  | 167321   | 79.443 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.122  | 172  | 898758   | 63.979 | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.916 | 244  | 420505   | 37.749 | ng    | 0.02     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.557  | 88   | 125100   | 33.527 | ng    | 98       |
| 3) Pyridine                   | 3.310  | 79   | 328697   | 32.731 | ng    | 98       |
| 4) n-Nitrosodimethylamine     | 3.269  | 42   | 213620   | 40.086 | ng    | 94       |
| 6) Aniline                    | 6.434  | 93   | 154114   | 10.859 | ng    | # 1      |
| 8) 2-Chlorophenol             | 6.551  | 128  | 363894   | 40.050 | ng    | 99       |
| 9) Benzaldehyde               | 6.316  | 77   | 130342   | 21.140 | ng    | 97       |
| 10) Phenol                    | 6.428  | 94   | 432915   | 36.478 | ng    | 96       |
| 11) bis(2-Chloroethyl)ether   | 6.504  | 93   | 361749   | 40.636 | ng    | 98       |
| 12) 1,3-Dichlorobenzene       | 6.704  | 146  | 364968   | 39.524 | ng    | 99       |
| 13) 1,4-Dichlorobenzene       | 6.781  | 146  | 375755   | 39.996 | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 6.934  | 146  | 350445   | 40.168 | ng    | 96       |
| 15) Benzyl Alcohol            | 6.916  | 79   | 310704   | 40.006 | ng    | 99       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.045  | 45   | 633606   | 37.760 | ng    | 95       |
| 17) 2-Methylphenol            | 7.028  | 107  | 277261   | 34.579 | ng    | 95       |
| 18) Hexachloroethane          | 7.269  | 117  | 140437   | 40.457 | ng    | 92       |
| 19) n-Nitroso-di-n-propyla... | 7.187  | 70   | 245070   | 36.558 | ng    | 99       |
| 20) 3+4-Methylphenols         | 7.181  | 107  | 339646   | 35.228 | ng    | 95       |
| 22) Acetophenone              | 7.175  | 105  | 481717   | 41.321 | ng    | # 94     |
| 24) Nitrobenzene              | 7.351  | 77   | 380185   | 40.983 | ng    | 99       |
| 25) Isophorone                | 7.587  | 82   | 678896   | 39.392 | ng    | 98       |
| 26) 2-Nitrophenol             | 7.663  | 139  | 188907   | 42.429 | ng    | 99       |
| 27) 2,4-Dimethylphenol        | 7.704  | 122  | 275695   | 36.839 | ng    | 99       |
| 28) bis(2-Chloroethoxy)met... | 7.798  | 93   | 421837   | 40.894 | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 7.910  | 162  | 284096   | 40.968 | ng    | 97       |
| 30) 1,2,4-Trichlorobenzene    | 7.986  | 180  | 306793   | 42.326 | ng    | 99       |
| 31) Naphthalene               | 8.069  | 128  | 986751   | 39.828 | ng    | 100      |
| 32) Benzoic acid              | 7.851  | 122  | 221055   | 39.226 | ng    | 98       |
| 33) 4-Chloroaniline           | 8.128  | 127  | 98738    | 9.084  | ng    | 98       |
| 34) Hexachlorobutadiene       | 8.181  | 225  | 180182   | 41.226 | ng    | 99       |
| 35) Caprolactam               | 8.498  | 113  | 73413    | 31.543 | ng    | 93       |
| 36) 4-Chloro-3-methylphenol   | 8.610  | 107  | 297848   | 38.645 | ng    | 98       |
| 37) 2-Methylnaphthalene       | 8.757  | 142  | 596715   | 35.830 | ng    | 98       |
| 38) 1-Methylnaphthalene       | 8.857  | 142  | 576661   | 36.985 | ng    | 100      |
| 40) 1,2,4,5-Tetrachloroben... | 8.922  | 216  | 287246   | 46.782 | ng    | 100      |
| 41) Hexachlorocyclopentadiene | 8.904  | 237  | 154932   | 59.364 | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 9.039  | 196  | 186148   | 46.303 | ng    | 100      |

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 ALS Vial : 9 Sample Multiplier: 1

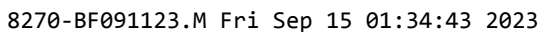
Instrument :  
 BNA\_F  
 ClientSampleId :

Quant Time: Sep 15 01:34:33 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  | 194568   | 42.026 | ng    | 96       |
| 46) 1,1'-Biphenyl             | 9.222  | 154  | 735639   | 45.166 | ng    | 97       |
| 47) 2-Chloronaphthalene       | 9.251  | 162  | 540910   | 45.772 | ng    | 99       |
| 48) 2-Nitroaniline            | 9.351  | 65   | 209586   | 45.651 | ng    | 93       |
| 49) Acenaphthylene            | 9.663  | 152  | 856345   | 43.603 | ng    | 99       |
| 50) Dimethylphthalate         | 9.533  | 163  | 649928   | 45.356 | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 9.598  | 165  | 134300   | 42.783 | ng    | 85       |
| 52) Acenaphthene              | 9.833  | 154  | 461725   | 39.797 | ng    | 97       |
| 53) 3-Nitroaniline            | 9.763  | 138  | 81497    | 22.117 | ng    | 96       |
| 54) 2,4-Dinitrophenol         | 9.875  | 184  | 39288    | 26.572 | ng    | 97       |
| 55) Dibenzofuran              | 10.010 | 168  | 685229   | 38.704 | ng    | 99       |
| 56) 4-Nitrophenol             | 9.939  | 139  | 171116   | 73.068 | ng    | 95       |
| 57) 2,4-Dinitrotoluene        | 10.004 | 165  | 147600   | 37.559 | ng    | 96       |
| 58) Fluorene                  | 10.357 | 166  | 494228   | 36.312 | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol | 10.133 | 232  | 132802   | 37.290 | ng    | 98       |
| 60) Diethylphthalate          | 10.233 | 149  | 564545   | 39.257 | ng    | 98       |
| 61) 4-Chlorophenyl-phenyle... | 10.345 | 204  | 237614   | 36.343 | ng    | 98       |
| 62) 4-Nitroaniline            | 10.380 | 138  | 75628    | 21.352 | ng    | 95       |
| 63) Azobenzene                | 10.510 | 77   | 480844   | 34.164 | ng    | 98       |
| 65) 4,6-Dinitro-2-methylph... | 10.416 | 198  | 25655    | 19.521 | ng    | # 81     |
| 66) n-Nitrosodiphenylamine    | 10.469 | 169  | 422579   | 56.411 | ng    | 100      |
| 67) 4-Bromophenyl-phenylether | 10.845 | 248  | 124543   | 50.608 | ng    | 95       |
| 68) Hexachlorobenzene         | 10.910 | 284  | 132629   | 52.901 | ng    | # 92     |
| 69) Atrazine                  | 11.027 | 200  | 103396   | 51.297 | ng    | 91       |
| 70) Pentachlorophenol         | 11.116 | 266  | 127202   | 84.801 | ng    | 97       |
| 71) Phenanthrene              | 11.333 | 178  | 520476   | 44.475 | ng    | 97       |
| 72) Anthracene                | 11.380 | 178  | 489965   | 40.732 | ng    | 97       |
| 73) Carbazole                 | 11.545 | 167  | 426946   | 38.989 | ng    | 96       |
| 74) Di-n-butylphthalate       | 11.880 | 149  | 494629   | 38.334 | ng    | 96       |
| 75) Fluoranthene              | 12.539 | 202  | 476243   | 39.055 | ng    | 97       |
| 78) Pyrene                    | 12.769 | 202  | 479919   | 29.191 | ng    | 97       |
| 80) Butylbenzylphthalate      | 13.392 | 149  | 205593   | 35.517 | ng    | 88       |
| 81) Benzo(a)anthracene        | 13.968 | 228  | 494154   | 44.316 | ng    | 99       |
| 83) Chrysene                  | 14.004 | 228  | 460098   | 41.502 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 13.957 | 149  | 445250   | 74.958 | ng    | # 97     |
| 85) Di-n-octyl phthalate      | 14.568 | 149  | 580287   | 61.472 | ng    | 98       |
| 87) Indeno(1,2,3-cd)pyrene    | 16.921 | 276  | 547601   | 35.009 | ng    | 98       |
| 88) Benzo(b)fluoranthene      | 15.015 | 252  | 561417   | 43.472 | ng    | # 97     |
| 89) Benzo(k)fluoranthene      | 15.045 | 252  | 508069   | 39.826 | ng    | # 96     |
| 90) Benzo(a)pyrene            | 15.380 | 252  | 493883   | 40.102 | ng    | 100      |
| 91) Dibenzo(a,h)anthracene    | 16.933 | 278  | 450888   | 35.230 | ng    | 97       |
| 92) Benzo(g,h,i)perylene      | 17.368 | 276  | 431038   | 32.248 | ng    | 99       |

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

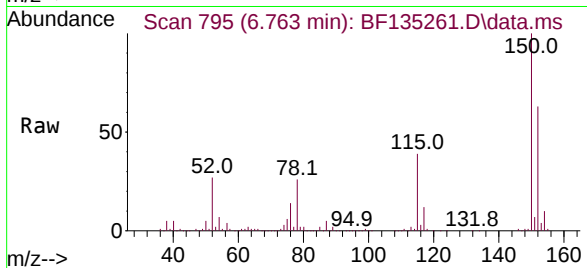
Quant Time: Sep 15 01:34:33 2023  
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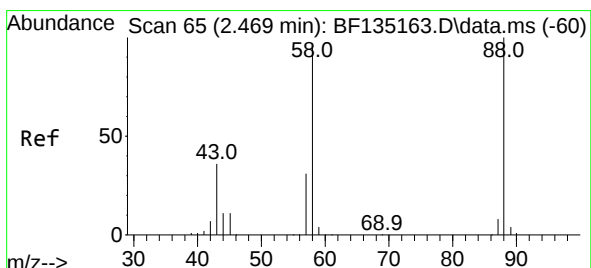
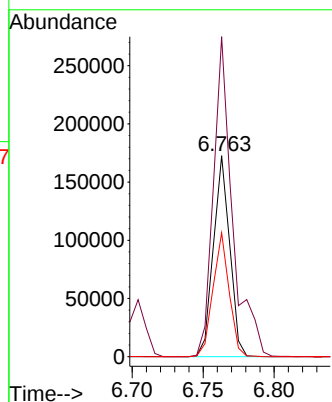
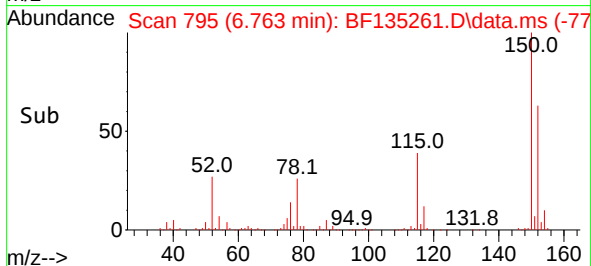


#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.763 min Scan# 79  
 Delta R.T. 0.000 min  
 Lab File: BF135261.D  
 Acq: 14 Sep 2023 19:00

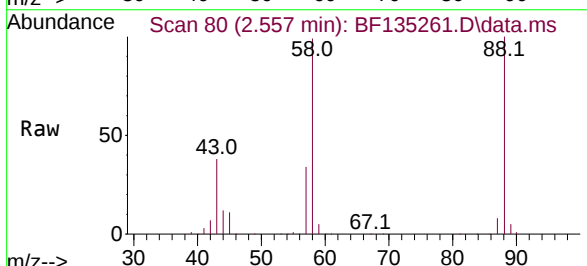
Instrument :  
 BNA\_F  
 ClientSampleId :



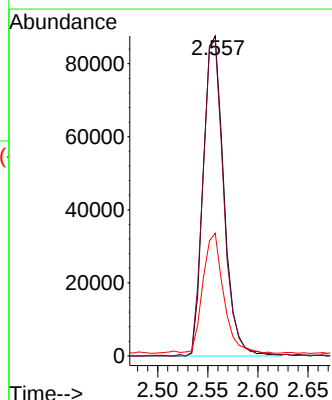
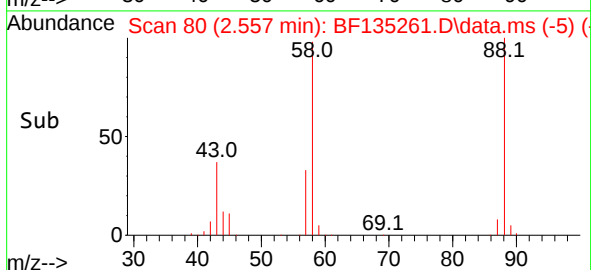
Tgt Ion:152 Resp: 138435  
 Ion Ratio Lower Upper  
 152 100  
 150 159.2 127.8 191.6  
 115 61.6 49.8 74.8



#2  
 1,4-Dioxane  
 Concen: 33.527 ng  
 RT: 2.557 min Scan# 80  
 Delta R.T. 0.088 min  
 Lab File: BF135261.D  
 Acq: 14 Sep 2023 19:00



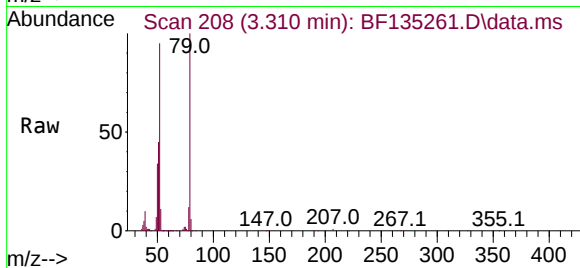
Tgt Ion: 88 Resp: 125100  
 Ion Ratio Lower Upper  
 88 100  
 58 99.6 78.3 117.5  
 43 37.7 29.4 44.0



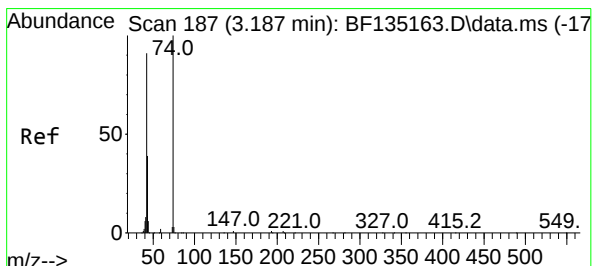
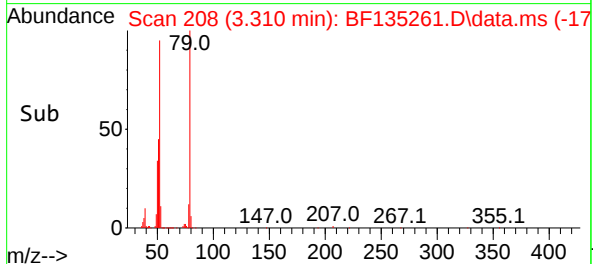
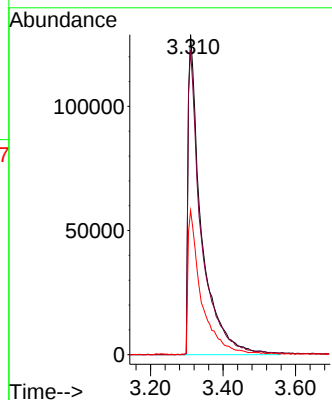


#3  
Pyridine  
Concen: 32.731 ng  
RT: 3.310 min Scan# 20  
Delta R.T. 0.094 min  
Lab File: BF135261.D  
Acq: 14 Sep 2023 19:00

Instrument :  
BNA\_F  
ClientSampleId :

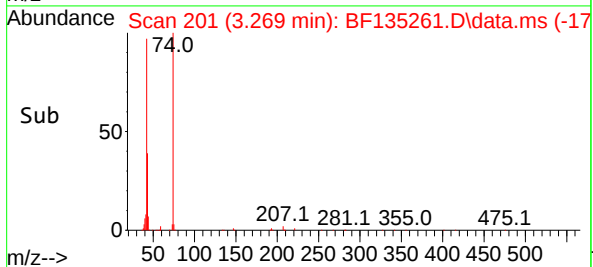
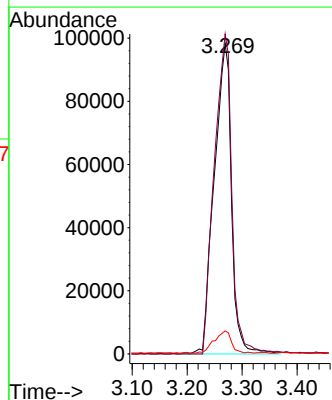
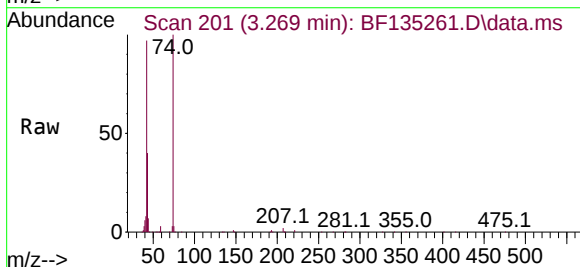


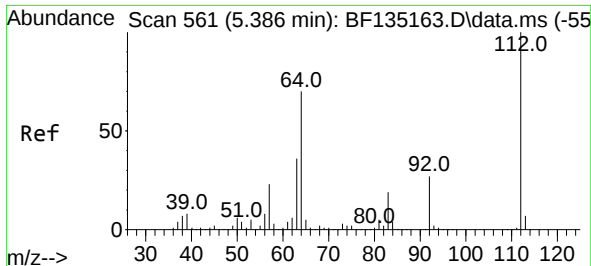
Tgt Ion: 79 Resp: 328697  
Ion Ratio Lower Upper  
79 100  
52 95.2 74.1 111.1  
51 45.1 35.8 53.8



#4  
n-Nitrosodimethylamine  
Concen: 40.086 ng  
RT: 3.269 min Scan# 201  
Delta R.T. 0.083 min  
Lab File: BF135261.D  
Acq: 14 Sep 2023 19:00

Tgt Ion: 42 Resp: 213620  
Ion Ratio Lower Upper  
42 100  
74 103.1 87.7 131.5  
44 7.4 5.6 8.4

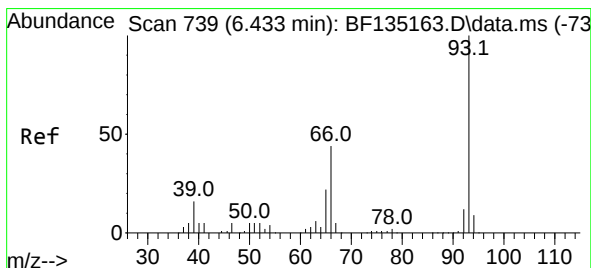
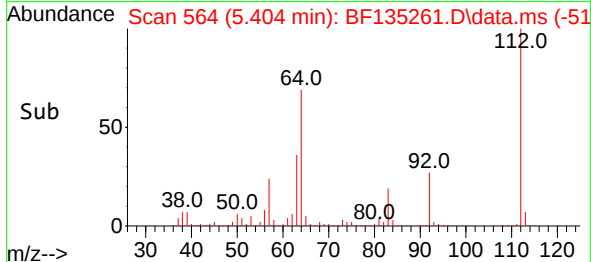
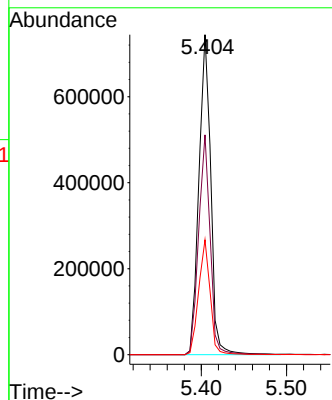
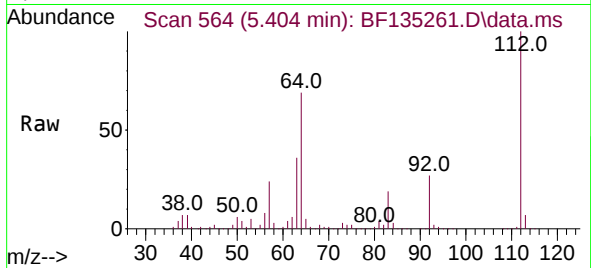




#5  
2-Fluorophenol  
Concen: 84.396 ng  
RT: 5.404 min Scan# 564  
Delta R.T. 0.018 min  
Lab File: BF135261.D  
Acq: 14 Sep 2023 19:00

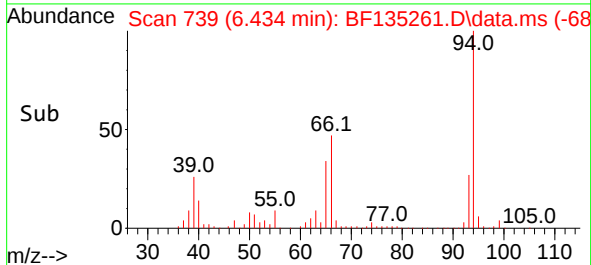
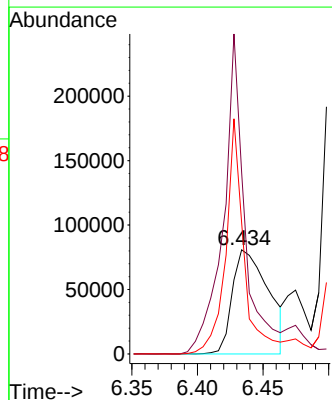
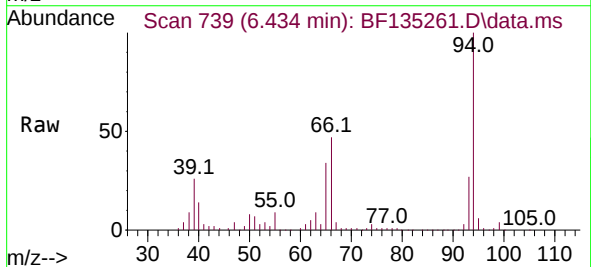
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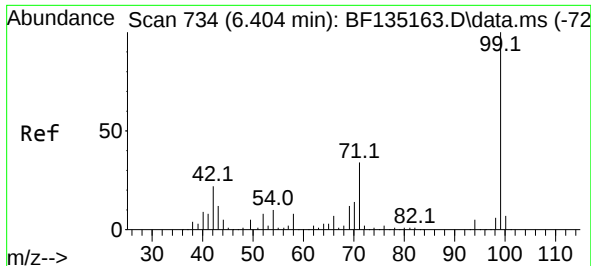
Tgt Ion:112 Resp: 718333  
Ion Ratio Lower Upper  
112 100  
64 68.7 55.9 83.9  
63 35.9 29.0 43.6



#6  
Aniline  
Concen: 10.859 ng  
RT: 6.434 min Scan# 739  
Delta R.T. 0.000 min  
Lab File: BF135261.D  
Acq: 14 Sep 2023 19:00

Tgt Ion: 93 Resp: 154114  
Ion Ratio Lower Upper  
93 100  
66 174.3 35.4 53.0#  
65 126.0 17.8 26.8#





#7

Phenol-d6

Concen: 86.709 ng

RT: 6.416 min Scan# 734

Delta R.T. 0.012 min

Lab File: BF135261.D

Acq: 14 Sep 2023 19:00

Instrument :

BNA\_F

ClientSampleId :

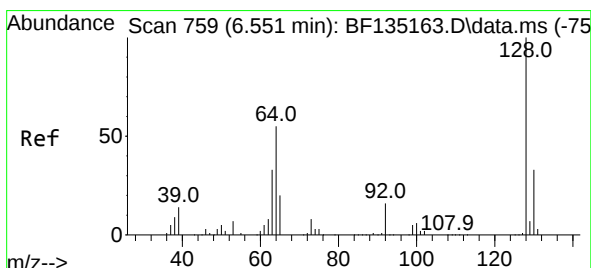
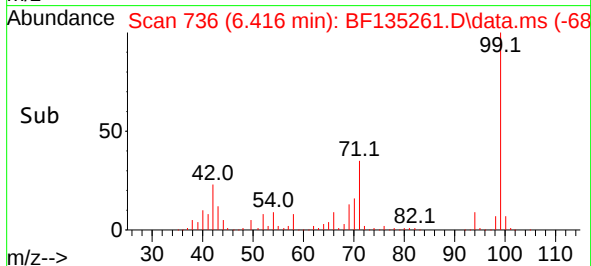
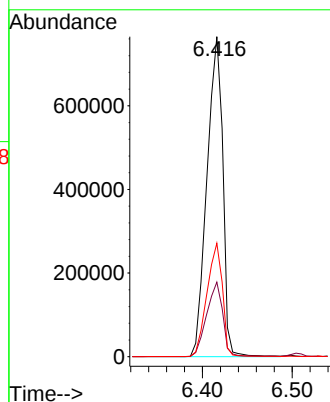
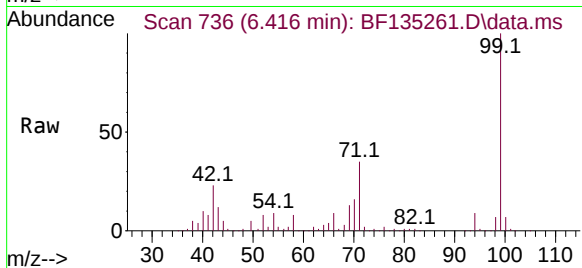
Tgt Ion: 99 Resp: 938441

Ion Ratio Lower Upper

99 100

42 23.3 17.9 26.9

71 35.4 27.0 40.6



#8

2-Chlorophenol

Concen: 40.050 ng

RT: 6.551 min Scan# 759

Delta R.T. 0.000 min

Lab File: BF135261.D

Acq: 14 Sep 2023 19:00

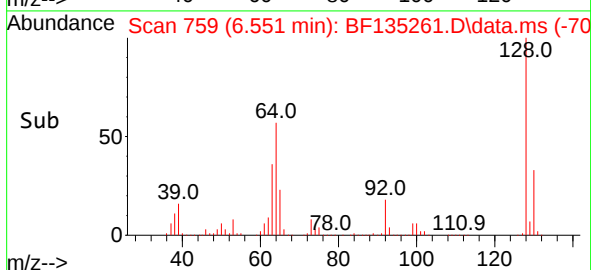
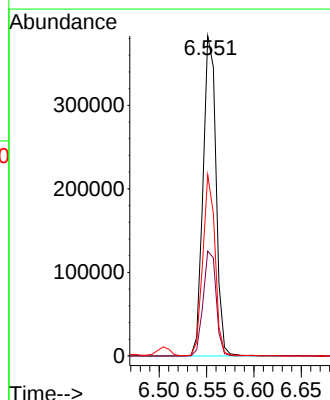
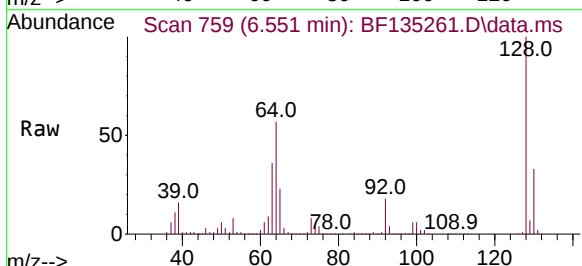
Tgt Ion:128 Resp: 363894

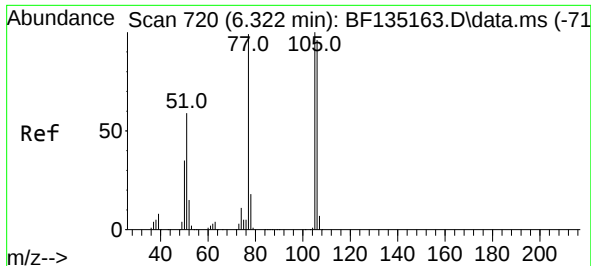
Ion Ratio Lower Upper

128 100

130 32.7 12.7 52.7

64 56.6 35.9 75.9





#9

Benzaldehyde

Concen: 21.140 ng

RT: 6.316 min Scan# 719

Delta R.T. -0.006 min

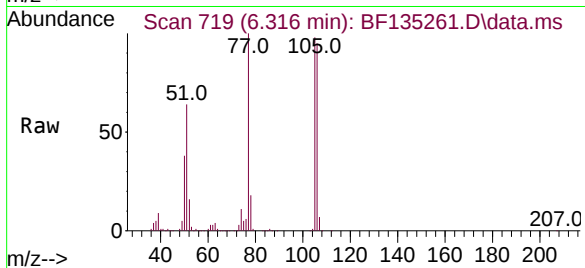
Lab File: BF135261.D

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Instrument :

BNA\_F

ClientSampleId :



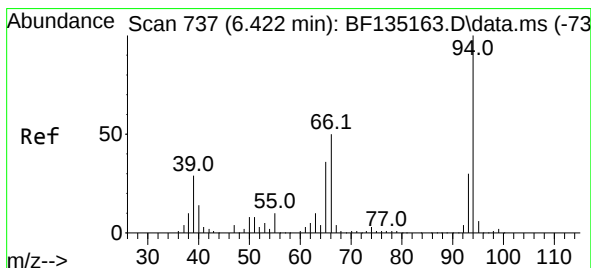
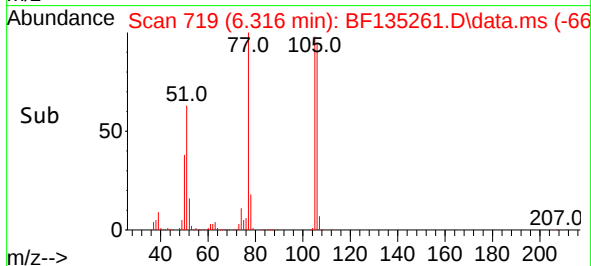
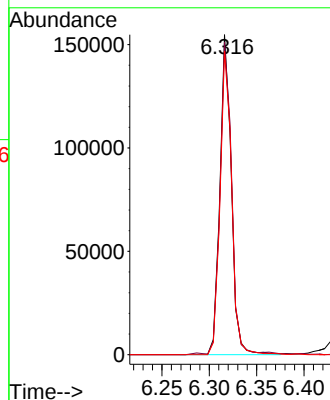
Tgt Ion: 77 Resp: 130342

Ion Ratio Lower Upper

77 100

105 97.6 81.4 121.4

106 94.9 76.9 116.9



#10

Phenol

Concen: 36.478 ng

RT: 6.428 min Scan# 738

Delta R.T. 0.006 min

Lab File: BF135261.D

Acq: 14 Sep 2023 19:00

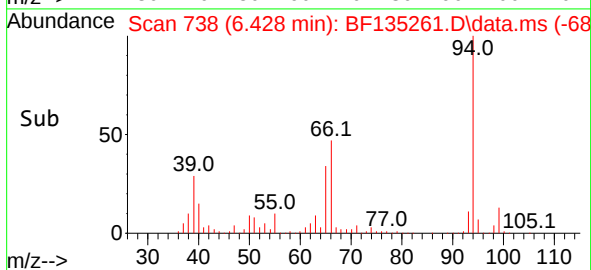
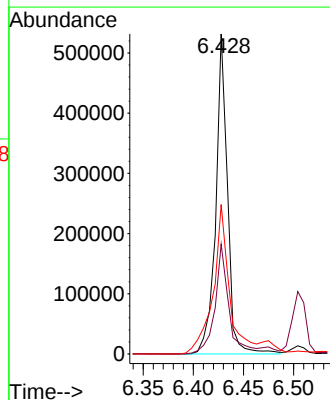
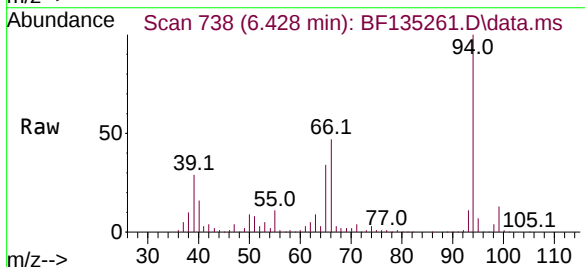
Tgt Ion: 94 Resp: 432915

Ion Ratio Lower Upper

94 100

65 34.3 15.9 55.9

66 46.7 29.8 69.8

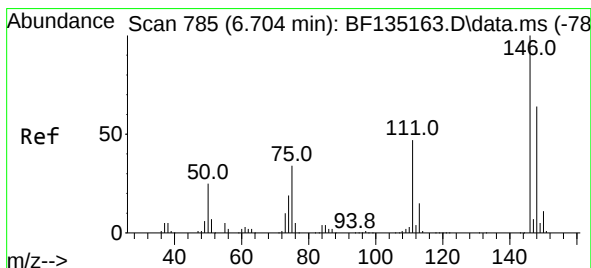
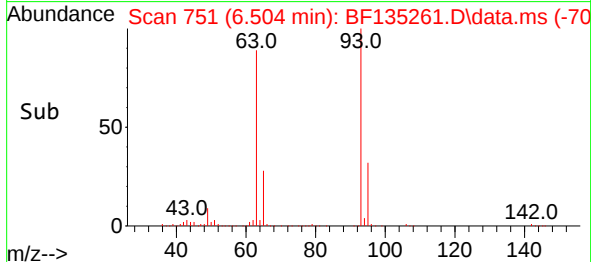
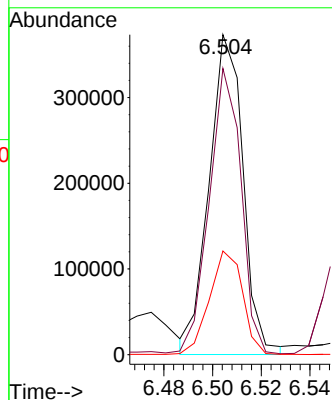
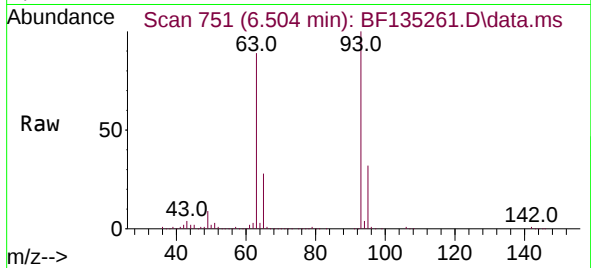




#11  
bis(2-Chloroethyl)ether  
Concen: 40.636 ng  
RT: 6.504 min Scan# 751  
Delta R.T. -0.006 min  
Lab File: BF135261.D  
Acq: 14 Sep 2023 19:00

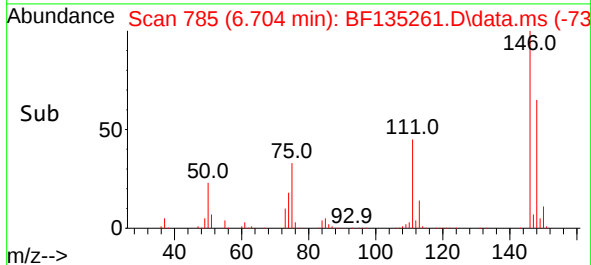
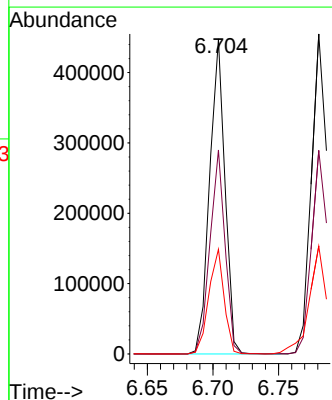
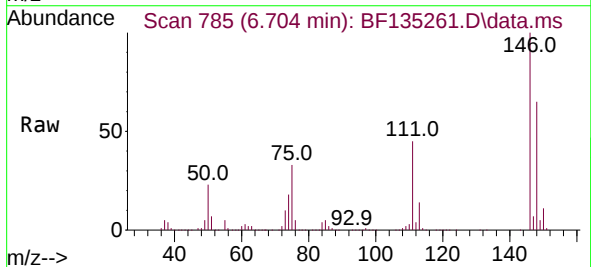
Instrument :  
BNA\_F  
ClientSampleId :

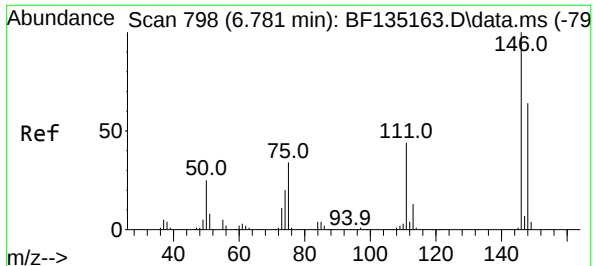
Tgt Ion: 93 Resp: 361749  
Ion Ratio Lower Upper  
93 100  
63 89.5 67.3 107.3  
95 32.4 12.7 52.7



#12  
1,3-Dichlorobenzene  
Concen: 39.524 ng  
RT: 6.704 min Scan# 785  
Delta R.T. 0.000 min  
Lab File: BF135261.D  
Acq: 14 Sep 2023 19:00

Tgt Ion:146 Resp: 364968  
Ion Ratio Lower Upper  
146 100  
148 64.8 51.3 76.9  
75 33.2 27.4 41.2





#13

1,4-Dichlorobenzene

Concen: 39.996 ng

RT: 6.781 min Scan# 798

Delta R.T. 0.000 min

Lab File: BF135261.D

Acq: 14 Sep 2023 19:00

Instrument :

BNA\_F

ClientSampleId :

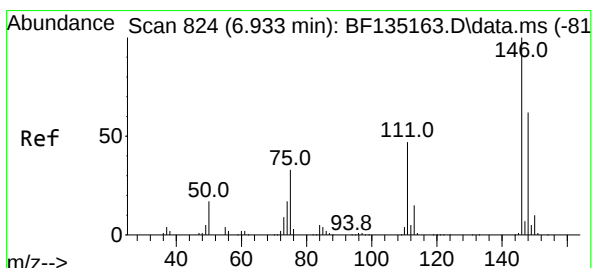
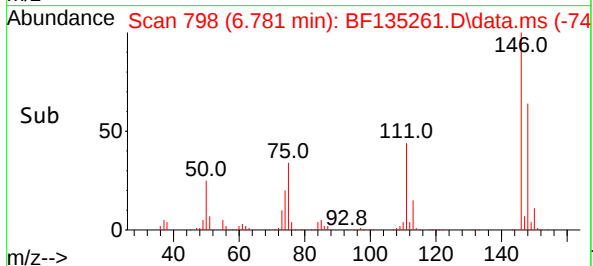
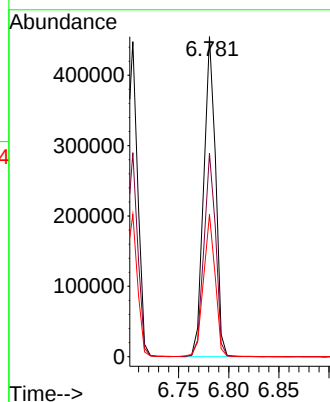
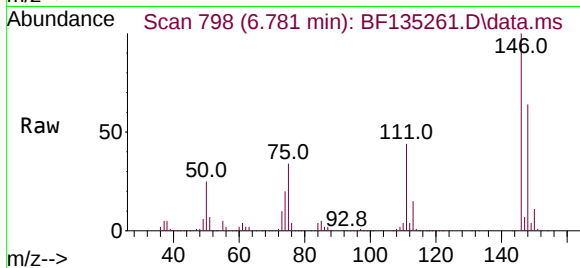
Tgt Ion:146 Resp: 375755

Ion Ratio Lower Upper

146 100

148 63.6 51.3 76.9

111 44.4 35.1 52.7



#14

1,2-Dichlorobenzene

Concen: 40.168 ng

RT: 6.934 min Scan# 824

Delta R.T. 0.000 min

Lab File: BF135261.D

Acq: 14 Sep 2023 19:00

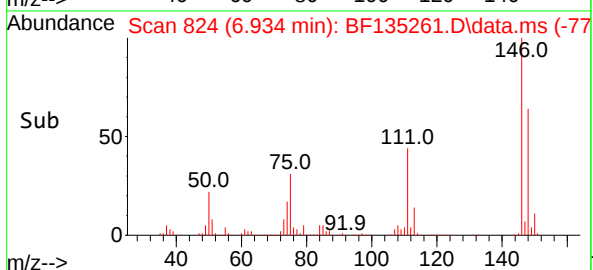
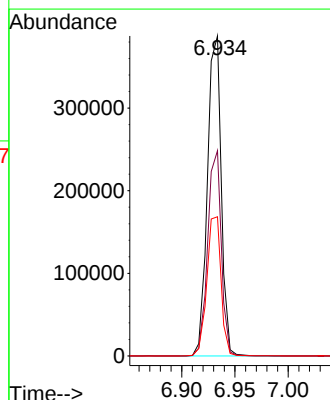
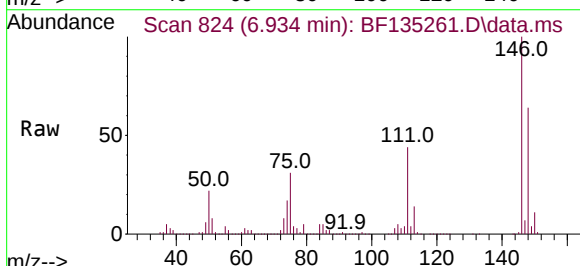
Tgt Ion:146 Resp: 350445

Ion Ratio Lower Upper

146 100

148 64.2 49.7 74.5

111 43.5 37.4 56.2

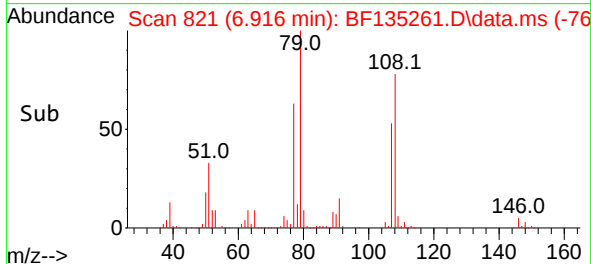
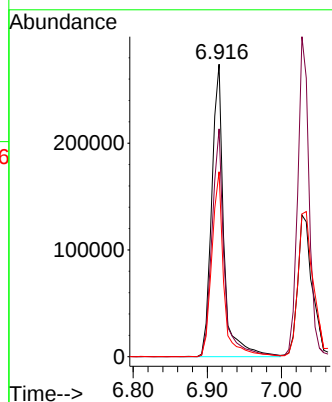
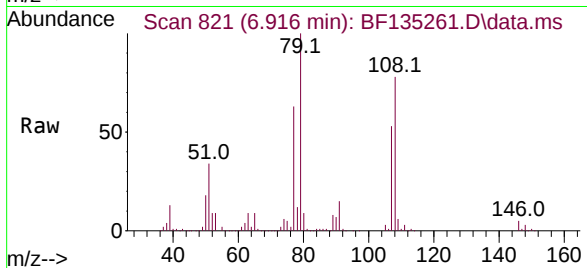




#15  
Benzyl Alcohol  
Concen: 40.006 ng  
RT: 6.916 min Scan# 81  
Delta R.T. 0.006 min  
Lab File: BF135261.D  
Acq: 14 Sep 2023 19:00

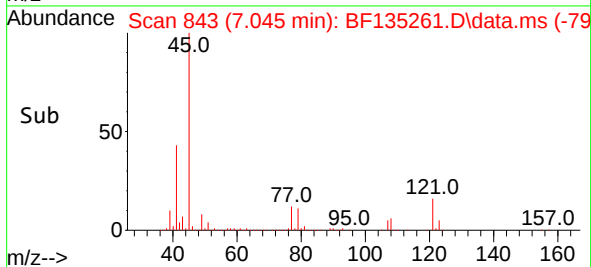
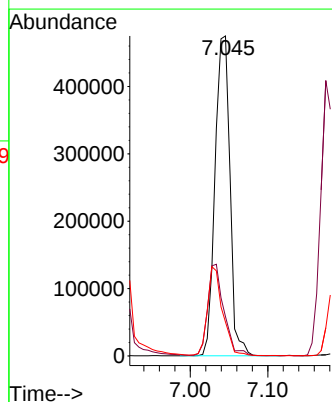
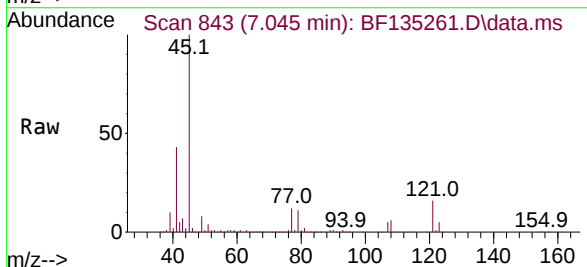
Instrument :  
BNA\_F  
ClientSampleId :

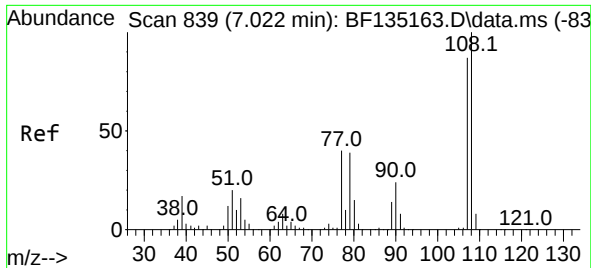
Tgt Ion: 79 Resp: 310704  
Ion Ratio Lower Upper  
79 100  
108 77.9 61.2 91.8  
77 63.2 50.5 75.7



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 37.760 ng  
RT: 7.045 min Scan# 843  
Delta R.T. 0.000 min  
Lab File: BF135261.D  
Acq: 14 Sep 2023 19:00

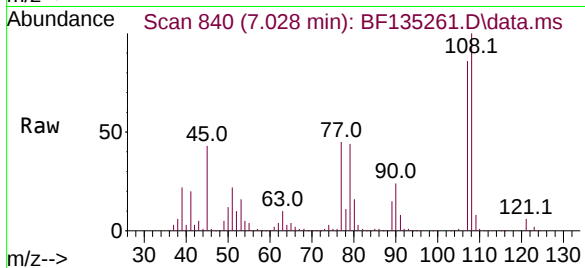
Tgt Ion: 45 Resp: 633606  
Ion Ratio Lower Upper  
45 100  
77 12.3 0.0 30.6  
79 10.6 0.0 28.3



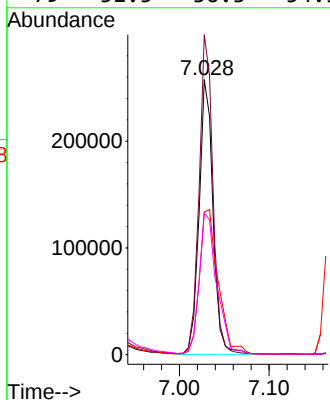
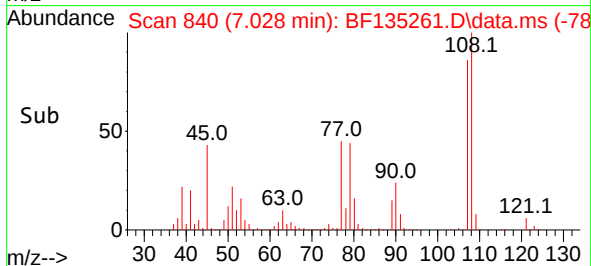


#17  
2-Methylphenol  
Concen: 34.579 ng  
RT: 7.028 min Scan# 840  
Delta R.T. 0.006 min  
Lab File: BF135261.D  
Acq: 14 Sep 2023 19:00

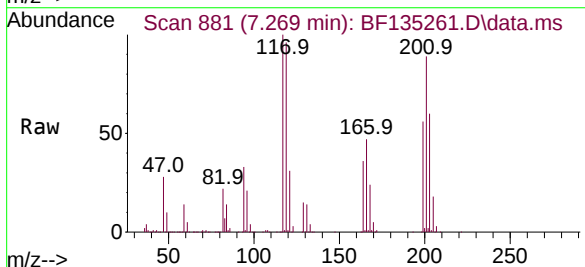
Instrument :  
BNA\_F  
ClientSampleId :



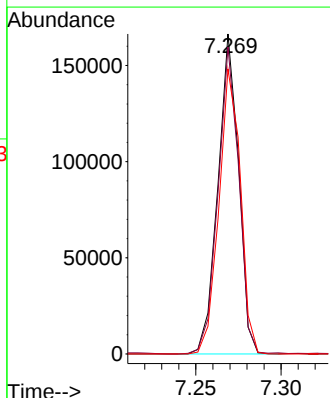
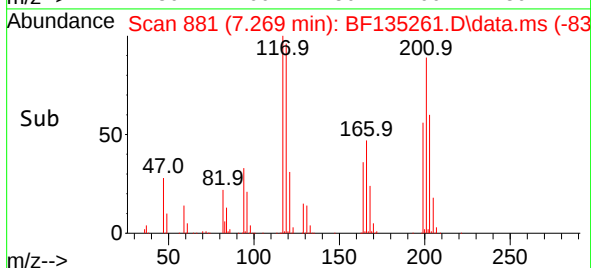
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 277261 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 116.4 | 92.0  | 138.0  |
| 77       | 51.9  | 36.7  | 55.1   |
| 79       | 51.5  | 36.3  | 54.5   |



#18  
Hexachloroethane  
Concen: 40.457 ng  
RT: 7.269 min Scan# 881  
Delta R.T. -0.006 min  
Lab File: BF135261.D  
Acq: 14 Sep 2023 19:00



|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 140437 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 95.9  | 74.7  | 112.1  |
| 201      | 89.0  | 81.8  | 122.8  |

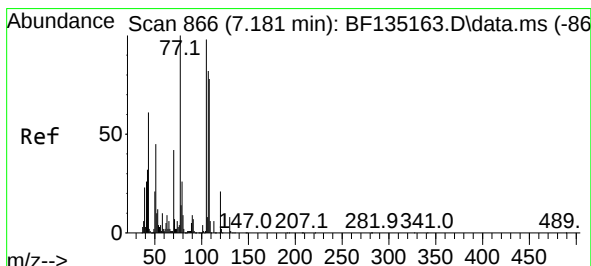
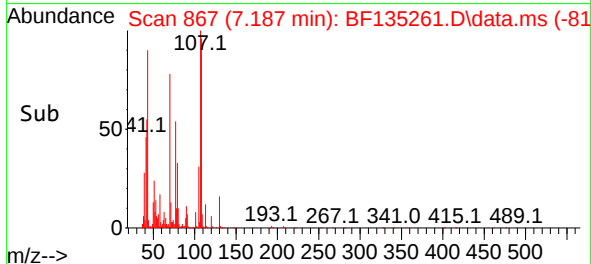
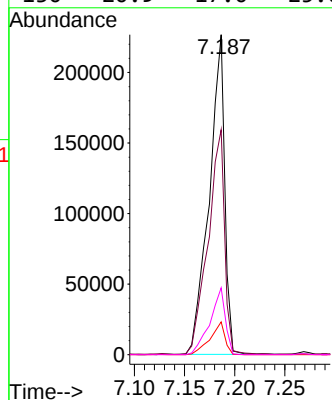
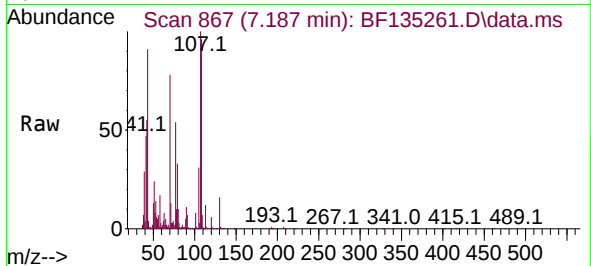




#19  
n-Nitroso-di-n-propylamine  
Concen: 36.558 ng  
RT: 7.187 min Scan# 80  
Delta R.T. 0.000 min  
Lab File: BF135261.D  
Acq: 14 Sep 2023 19:00

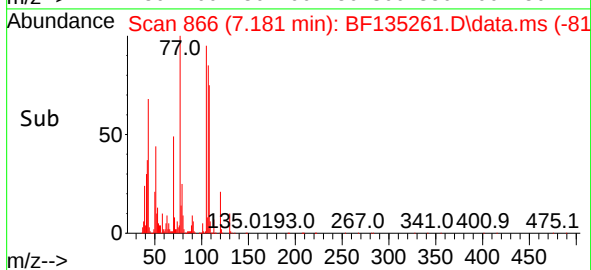
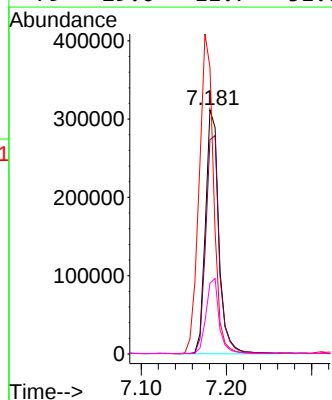
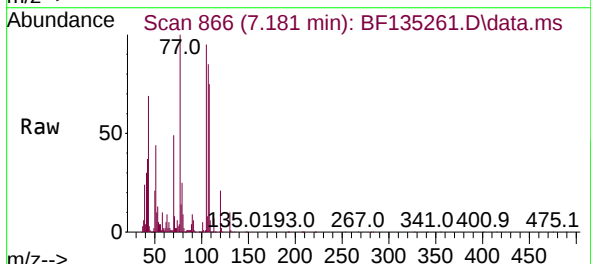
Instrument :  
BNA\_F  
ClientSampleId :

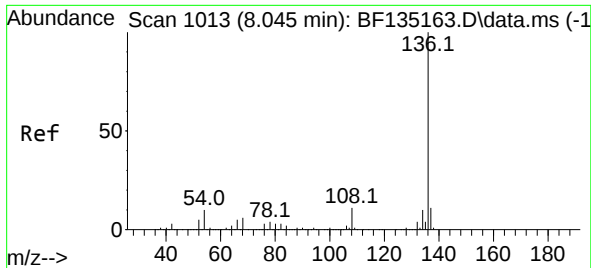
Tgt Ion: 70 Resp: 245070  
Ion Ratio Lower Upper  
70 100  
42 70.3 55.4 83.0  
101 10.2 7.7 11.5  
130 20.9 17.0 25.6



#20  
3+4-Methylphenols  
Concen: 35.228 ng  
RT: 7.181 min Scan# 866  
Delta R.T. 0.000 min  
Lab File: BF135261.D  
Acq: 14 Sep 2023 19:00

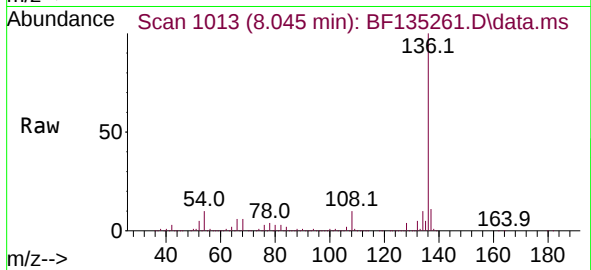
Tgt Ion: 107 Resp: 339646  
Ion Ratio Lower Upper  
107 100  
108 87.7 74.7 114.7  
77 117.4 102.0 142.0  
79 29.0 11.7 51.7



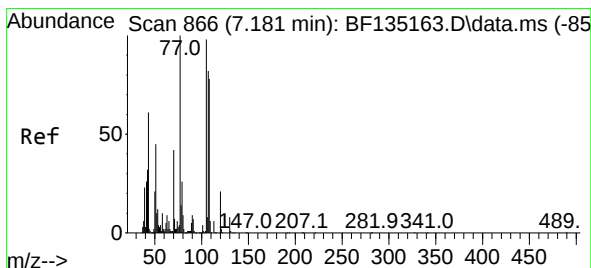
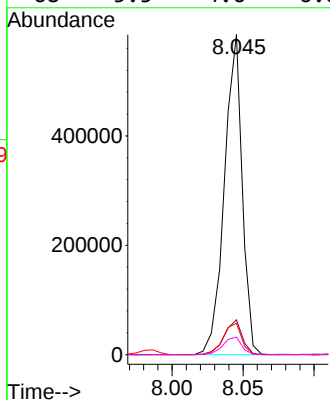
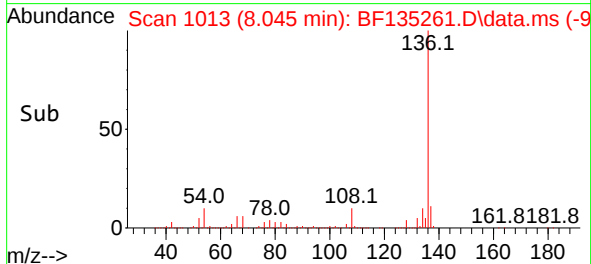


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.045 min Scan# 1013  
Delta R.T. 0.000 min  
Lab File: BF135261.D  
Acq: 14 Sep 2023 19:00

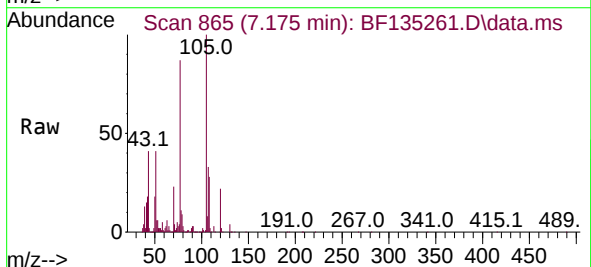
Instrument :  
BNA\_F  
ClientSampleId :



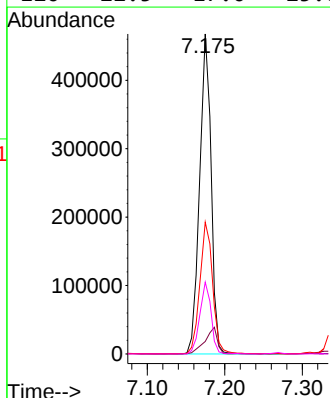
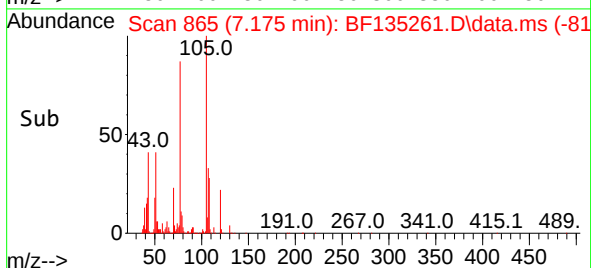
Tgt Ion:136 Resp: 509915  
Ion Ratio Lower Upper  
136 100  
137 10.9 8.8 13.2  
54 9.8 7.7 11.5  
68 5.5 4.6 6.8



#22  
Acetophenone  
Concen: 41.321 ng  
RT: 7.175 min Scan# 865  
Delta R.T. -0.006 min  
Lab File: BF135261.D  
Acq: 14 Sep 2023 19:00



Tgt Ion:105 Resp: 481717  
Ion Ratio Lower Upper  
105 100  
71 3.9 5.8 8.6#  
51 41.2 37.0 55.4  
120 22.5 17.0 25.6





#23

Nitrobenzene-d5

Concen: 63.699 ng

RT: 7.334 min Scan# 892

Delta R.T. 0.000 min

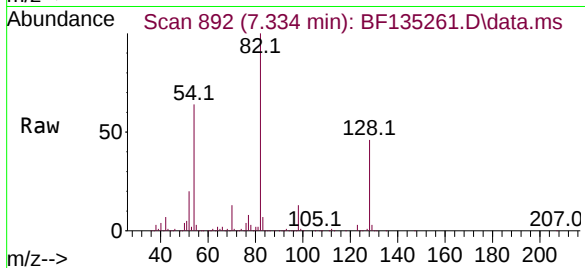
Lab File: BF135261.D

Acq: 14 Sep 2023 19:00

Instrument :

BNA\_F

ClientSampleId :



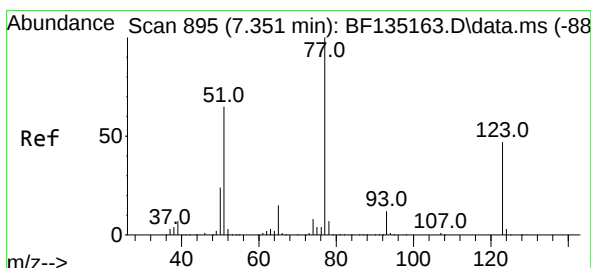
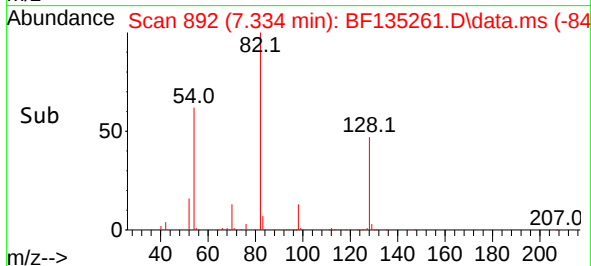
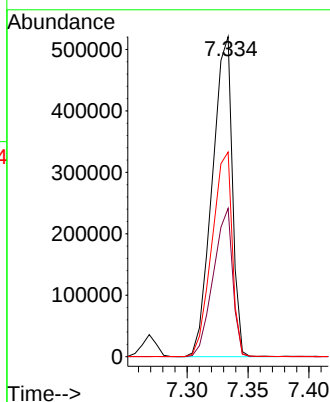
Tgt Ion: 82 Resp: 597855

Ion Ratio Lower Upper

82 100

128 46.4 35.8 53.6

54 64.0 50.6 76.0



#24

Nitrobenzene

Concen: 40.983 ng

RT: 7.351 min Scan# 895

Delta R.T. 0.000 min

Lab File: BF135261.D

Acq: 14 Sep 2023 19:00

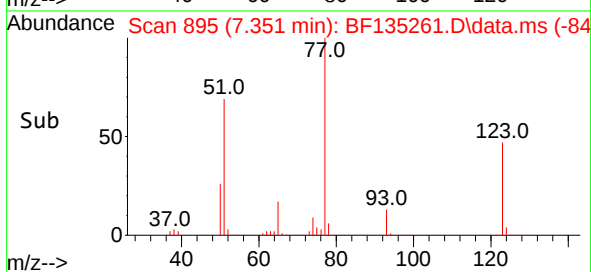
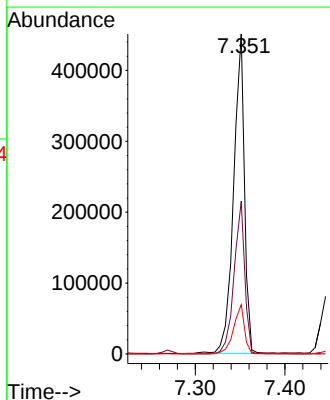
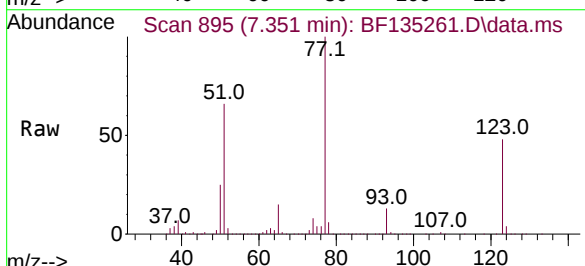
Tgt Ion: 77 Resp: 380185

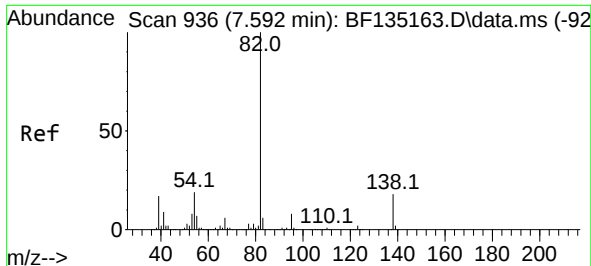
Ion Ratio Lower Upper

77 100

123 47.7 37.6 56.4

65 15.4 12.2 18.4

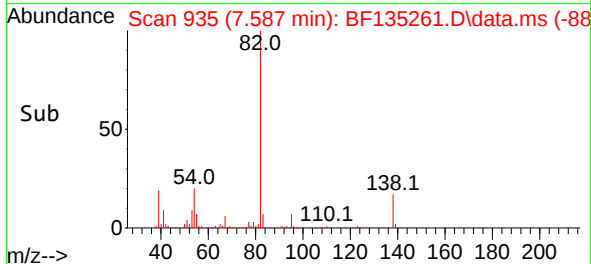
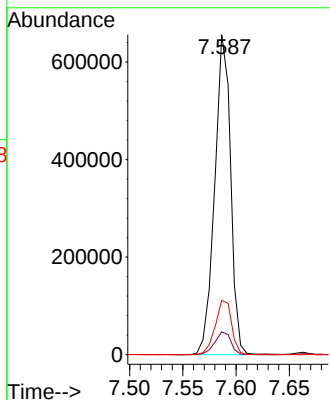
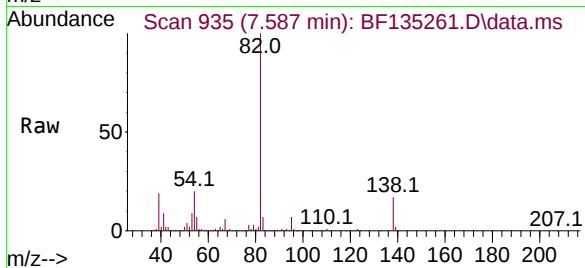




#25  
Isophorone  
Concen: 39.392 ng  
RT: 7.587 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: BF135261.D  
Acq: 14 Sep 2023 19:00

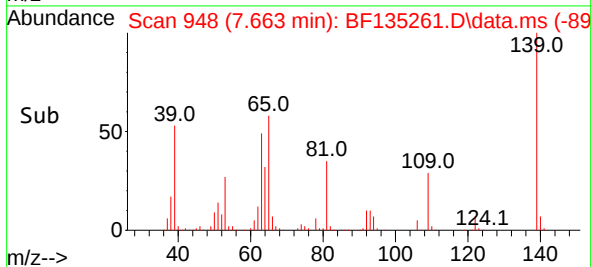
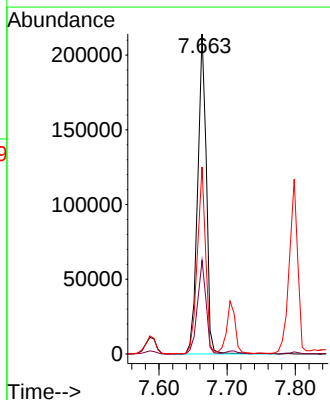
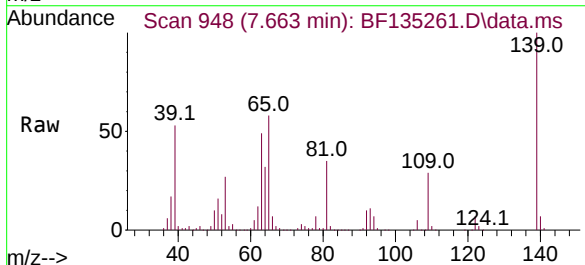
Instrument :  
BNA\_F  
ClientSampleId :

Tgt Ion: 82 Resp: 678896  
Ion Ratio Lower Upper  
82 100  
95 7.2 6.0 9.0  
138 17.0 14.5 21.7



#26  
2-Nitrophenol  
Concen: 42.429 ng  
RT: 7.663 min Scan# 948  
Delta R.T. 0.000 min  
Lab File: BF135261.D  
Acq: 14 Sep 2023 19:00

Tgt Ion:139 Resp: 188907  
Ion Ratio Lower Upper  
139 100  
109 29.3 22.6 33.8  
65 58.4 47.0 70.4





#27

2,4-Dimethylphenol

Concen: 36.839 ng

RT: 7.704 min Scan# 91

Delta R.T. 0.000 min

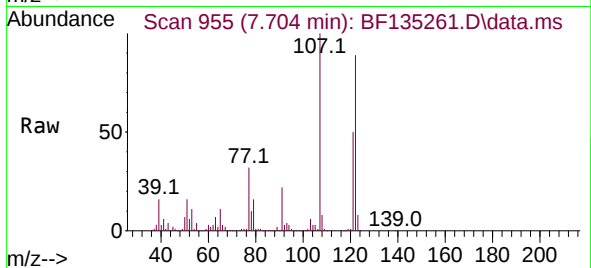
Lab File: BF135261.D

Acq: 14 Sep 2023 19:00

Instrument :

BNA\_F

ClientSampleId :



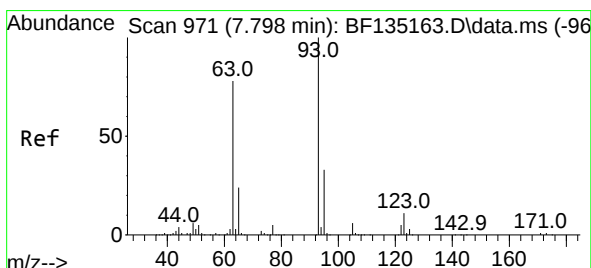
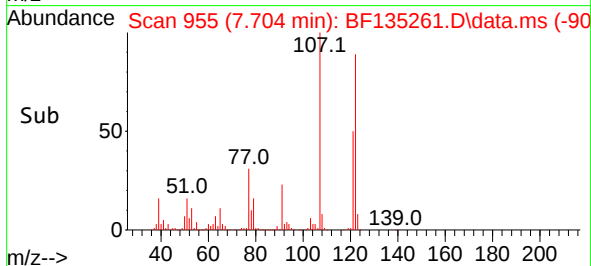
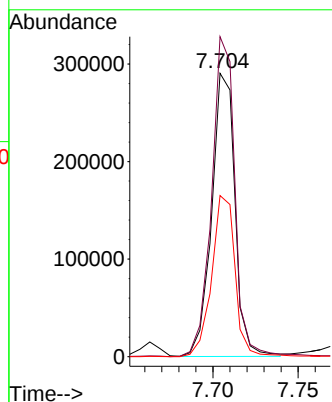
Tgt Ion:122 Resp: 275695

Ion Ratio Lower Upper

122 100

107 112.9 90.2 135.4

121 56.8 46.3 69.5



#28

bis(2-Chloroethoxy)methane

Concen: 40.894 ng

RT: 7.798 min Scan# 971

Delta R.T. 0.000 min

Lab File: BF135261.D

Acq: 14 Sep 2023 19:00

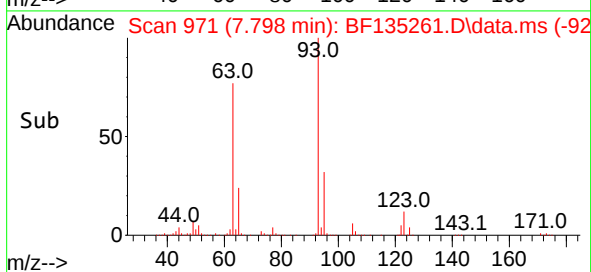
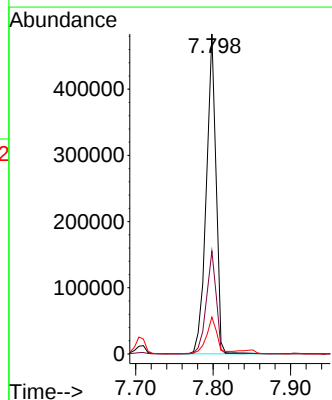
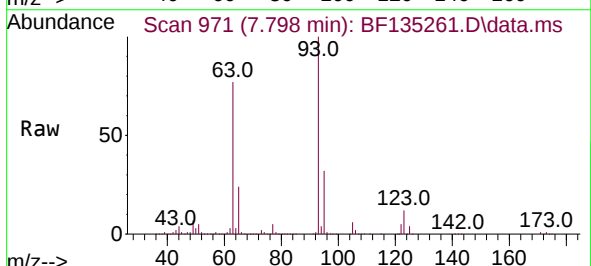
Tgt Ion: 93 Resp: 421837

Ion Ratio Lower Upper

93 100

95 32.2 26.2 39.2

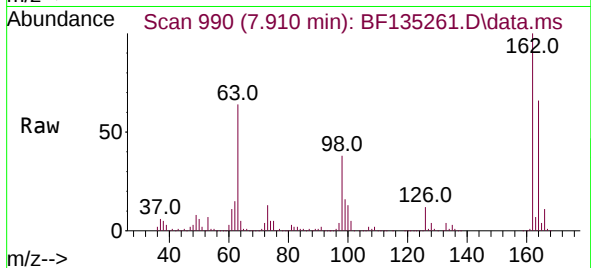
123 11.5 8.8 13.2



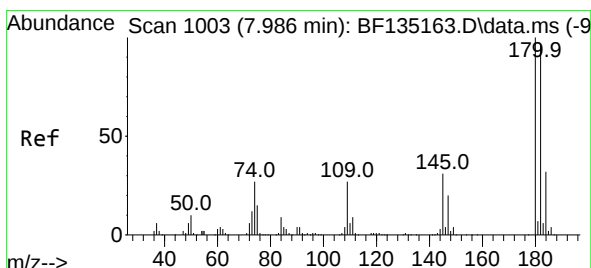
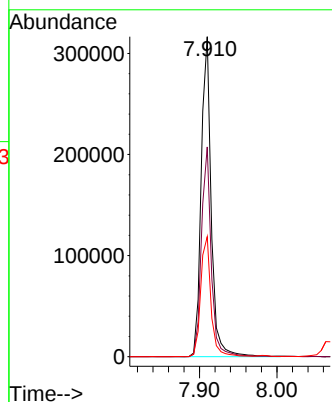
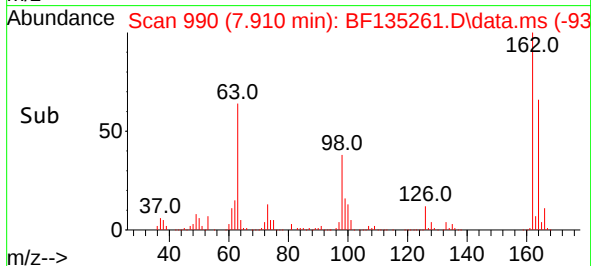


#29  
2,4-Dichlorophenol  
Concen: 40.968 ng  
RT: 7.910 min Scan# 990  
Delta R.T. 0.006 min  
Lab File: BF135261.D  
Acq: 14 Sep 2023 19:00

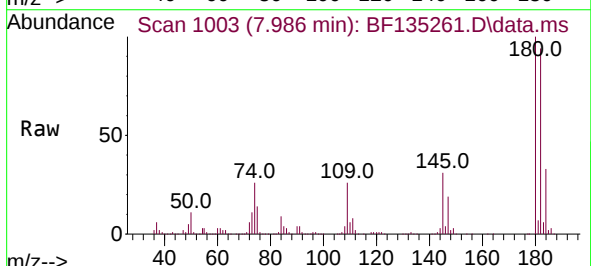
Instrument :  
BNA\_F  
ClientSampleId :



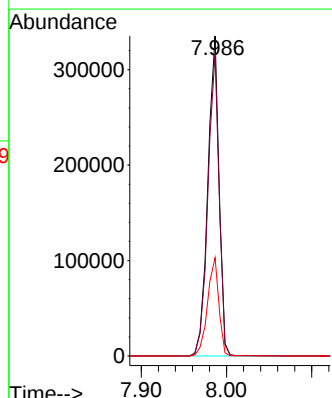
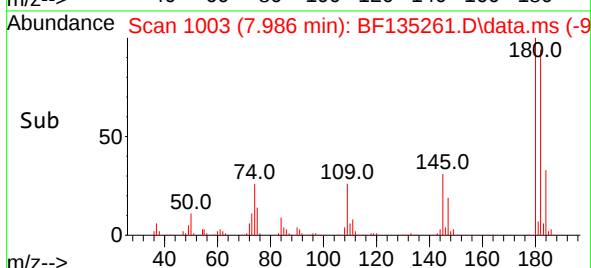
Tgt Ion:162 Resp: 284096  
Ion Ratio Lower Upper  
162 100  
164 65.5 44.1 84.1  
98 37.5 20.3 60.3

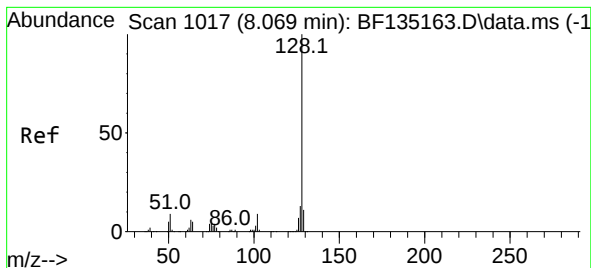


#30  
1,2,4-Trichlorobenzene  
Concen: 42.326 ng  
RT: 7.986 min Scan# 1003  
Delta R.T. 0.000 min  
Lab File: BF135261.D  
Acq: 14 Sep 2023 19:00



Tgt Ion:180 Resp: 306793  
Ion Ratio Lower Upper  
180 100  
182 94.4 76.9 115.3  
145 30.7 24.5 36.7





#31

Naphthalene

Concen: 39.828 ng

RT: 8.069 min Scan# 1017

Delta R.T. 0.000 min

Lab File: BF135261.D

Acq: 14 Sep 2023 19:00

Instrument :

BNA\_F

ClientSampleId :

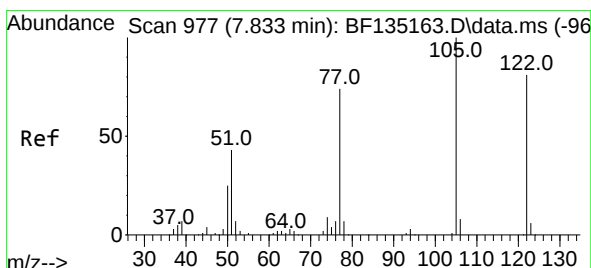
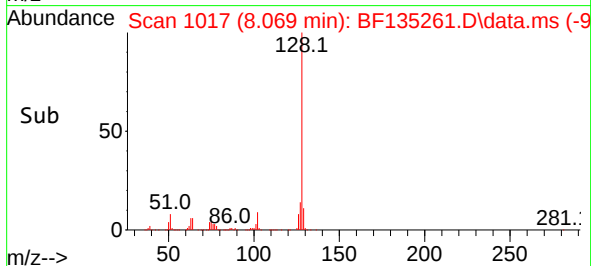
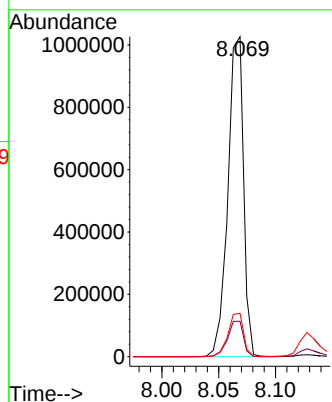
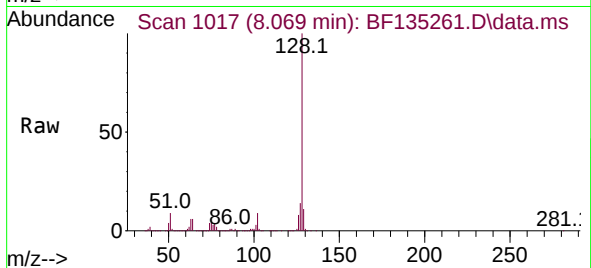
Tgt Ion:128 Resp: 986751

Ion Ratio Lower Upper

128 100

129 11.0 8.7 13.1

127 13.6 10.7 16.1



#32

Benzoic acid

Concen: 39.226 ng

RT: 7.851 min Scan# 980

Delta R.T. 0.018 min

Lab File: BF135261.D

Acq: 14 Sep 2023 19:00

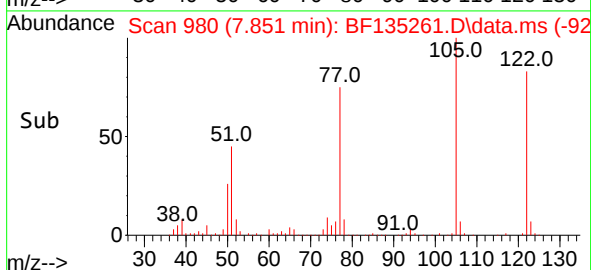
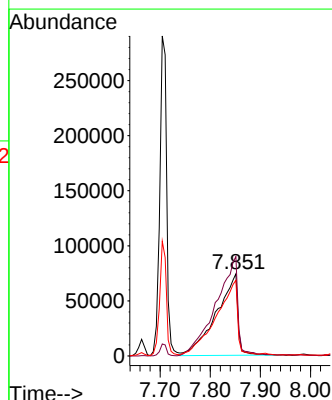
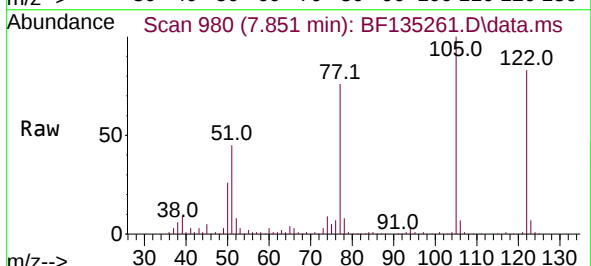
Tgt Ion:122 Resp: 221055

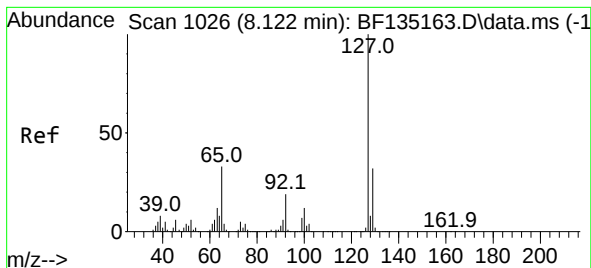
Ion Ratio Lower Upper

122 100

105 121.2 99.9 139.9

77 92.3 70.0 110.0





#33

4-Chloroaniline

Concen: 9.084 ng

RT: 8.128 min Scan# 1026

Delta R.T. 0.006 min

Lab File: BF135261.D

Acq: 14 Sep 2023 19:00

Instrument :

BNA\_F

ClientSampleId :

Tgt Ion:127 Resp: 98738

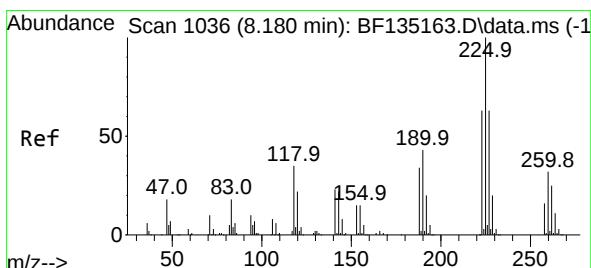
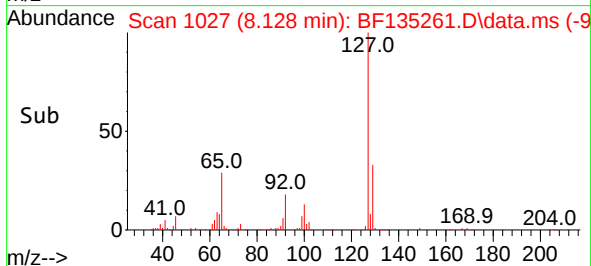
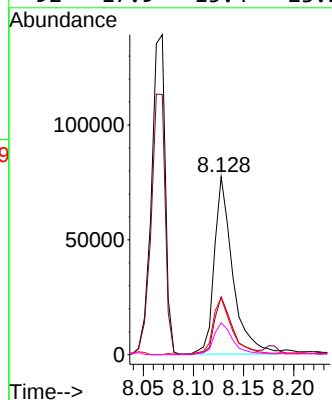
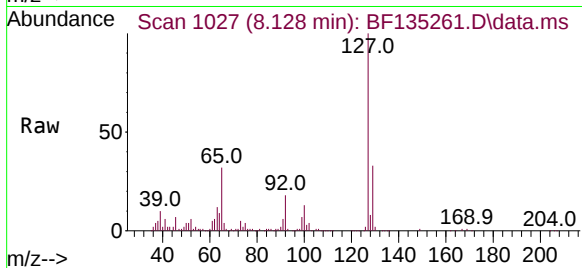
Ion Ratio Lower Upper

127 100

129 32.5 25.8 38.8

65 32.0 26.6 39.8

92 17.9 15.4 23.2



#34

Hexachlorobutadiene

Concen: 41.226 ng

RT: 8.181 min Scan# 1036

Delta R.T. 0.000 min

Lab File: BF135261.D

Acq: 14 Sep 2023 19:00

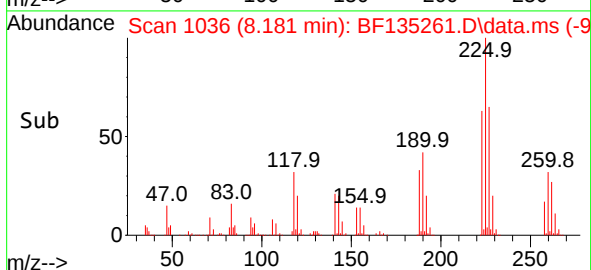
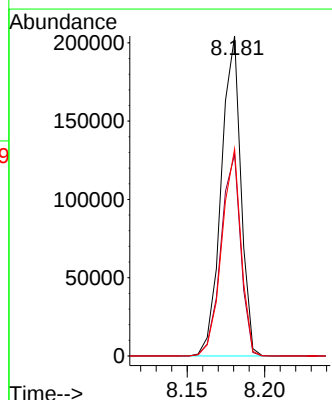
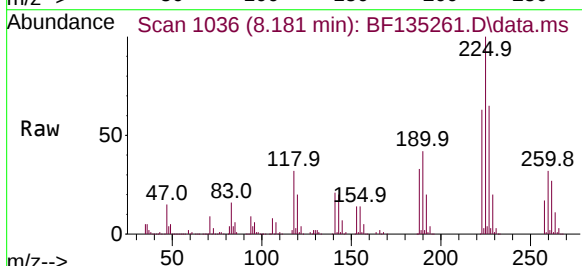
Tgt Ion:225 Resp: 180182

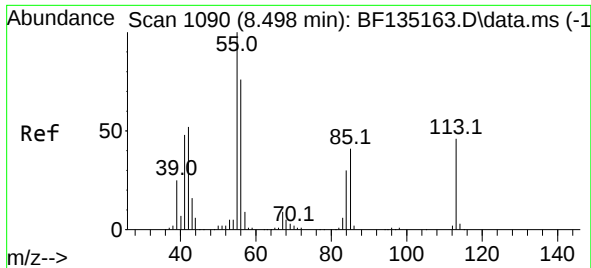
Ion Ratio Lower Upper

225 100

223 63.0 50.6 75.8

227 64.7 50.8 76.2

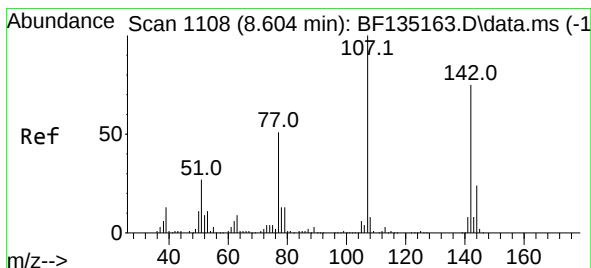
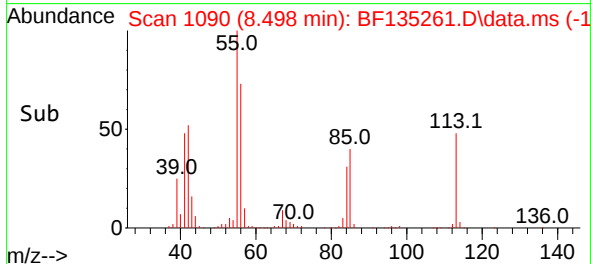
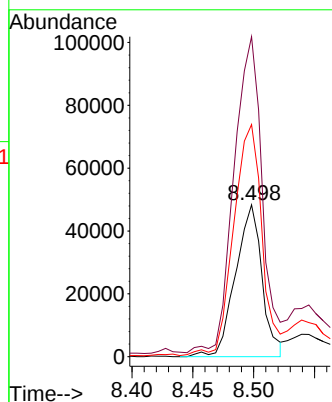
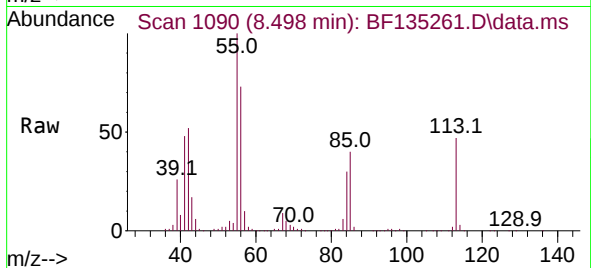




#35  
 Caprolactam  
 Concen: 31.543 ng  
 RT: 8.498 min Scan# 1109  
 Delta R.T. 0.000 min  
 Lab File: BF135261.D  
 Acq: 14 Sep 2023 19:00

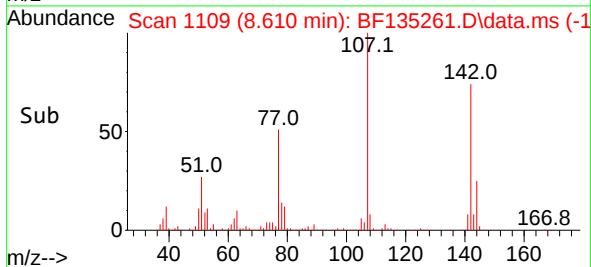
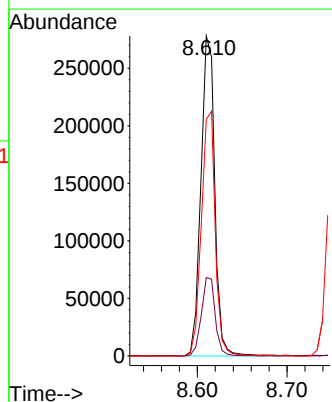
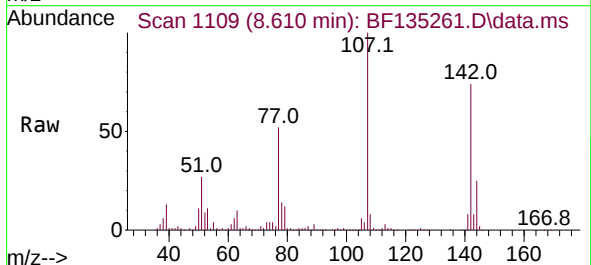
Instrument :  
 BNA\_F  
 ClientSampleId :

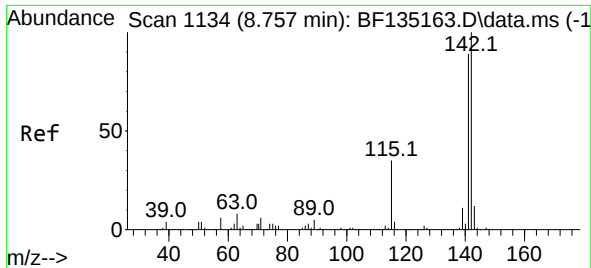
Tgt Ion:113 Resp: 73413  
 Ion Ratio Lower Upper  
 113 100  
 55 210.7 199.3 239.3  
 56 152.9 146.3 186.3



#36  
 4-Chloro-3-methylphenol  
 Concen: 38.645 ng  
 RT: 8.610 min Scan# 1109  
 Delta R.T. 0.006 min  
 Lab File: BF135261.D  
 Acq: 14 Sep 2023 19:00

Tgt Ion:107 Resp: 297848  
 Ion Ratio Lower Upper  
 107 100  
 144 24.5 19.0 28.4  
 142 73.9 60.2 90.2





#37

2-Methylnaphthalene

Concen: 35.830 ng

RT: 8.757 min Scan# 1134

Delta R.T. 0.000 min

Lab File: BF135261.D

Acq: 14 Sep 2023 19:00

Instrument :

BNA\_F

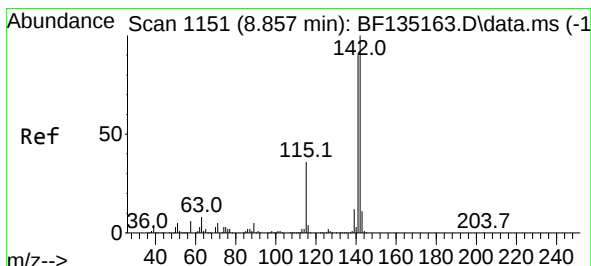
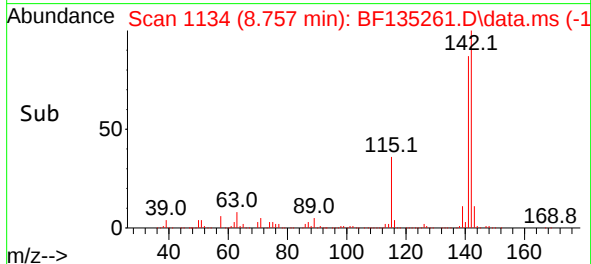
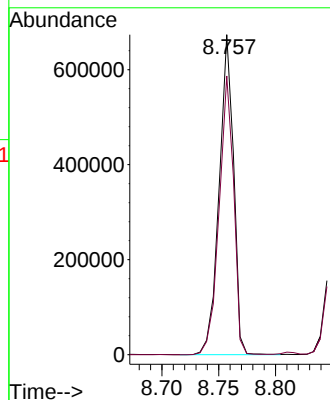
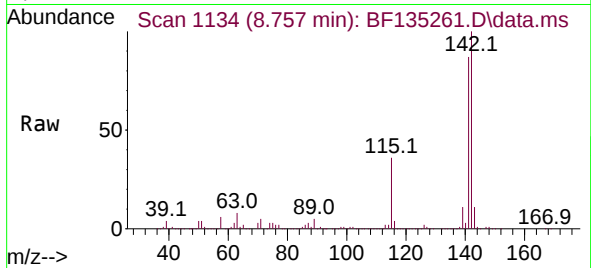
ClientSampleId :

Tgt Ion:142 Resp: 596715

Ion Ratio Lower Upper

142 100

141 87.1 71.0 106.6



#38

1-Methylnaphthalene

Concen: 36.985 ng

RT: 8.857 min Scan# 1151

Delta R.T. 0.000 min

Lab File: BF135261.D

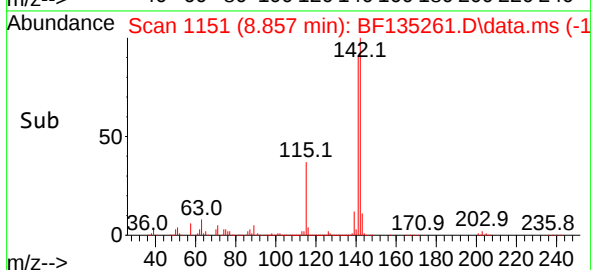
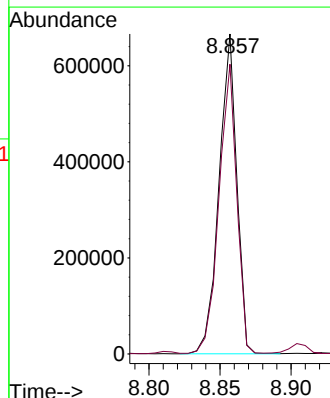
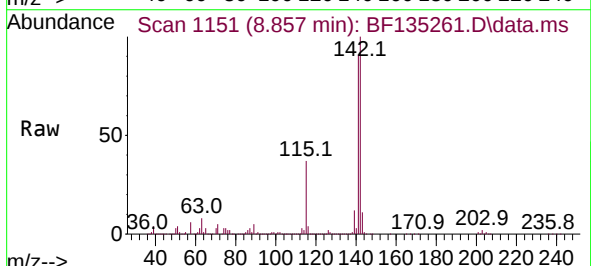
Acq: 14 Sep 2023 19:00

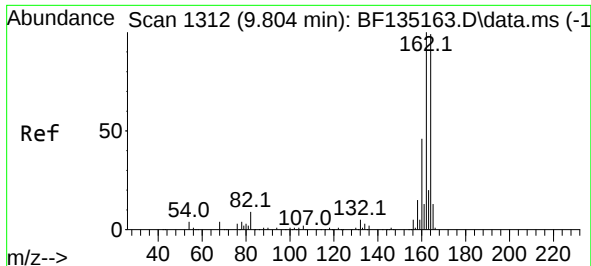
Tgt Ion:142 Resp: 576661

Ion Ratio Lower Upper

142 100

141 90.6 72.4 108.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.804 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF135261.D

Acq: 14 Sep 2023 19:00

Instrument :

BNA\_F

ClientSampleId :

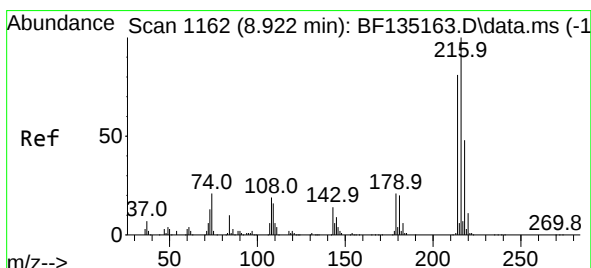
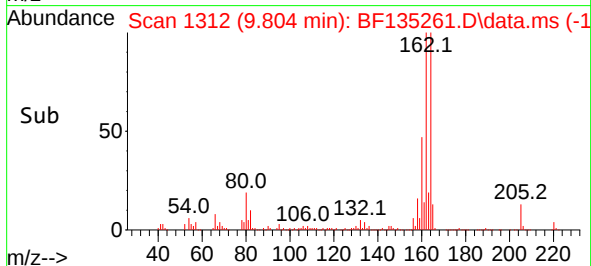
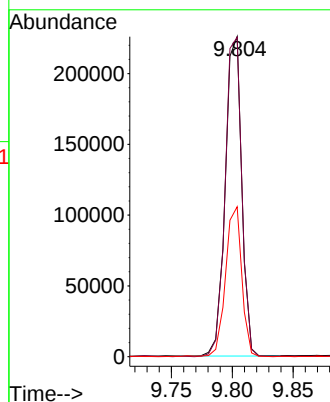
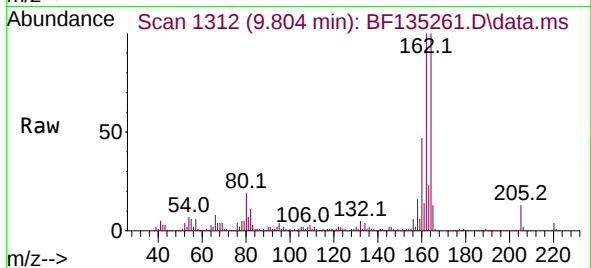
Tgt Ion:164 Resp: 211941

Ion Ratio Lower Upper

164 100

162 99.8 81.0 121.4

160 46.9 37.0 55.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 46.782 ng

RT: 8.922 min Scan# 1162

Delta R.T. 0.000 min

Lab File: BF135261.D

Acq: 14 Sep 2023 19:00

Tgt Ion:216 Resp: 287246

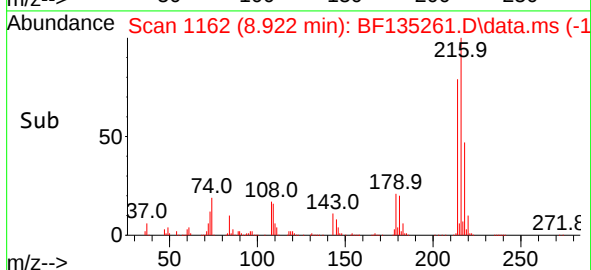
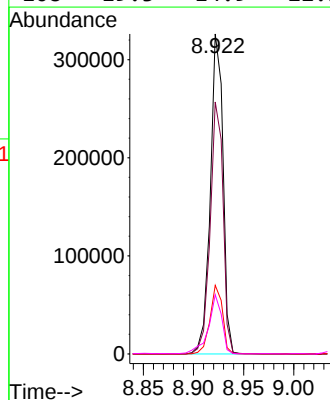
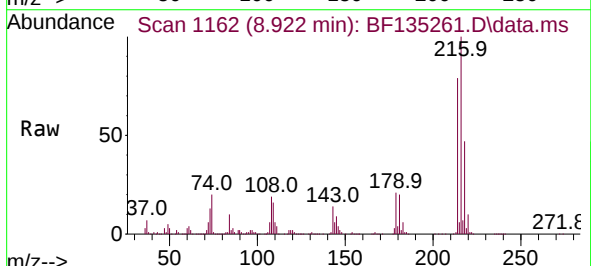
Ion Ratio Lower Upper

216 100

214 79.6 63.7 95.5

179 21.1 16.7 25.1

108 19.3 14.9 22.3

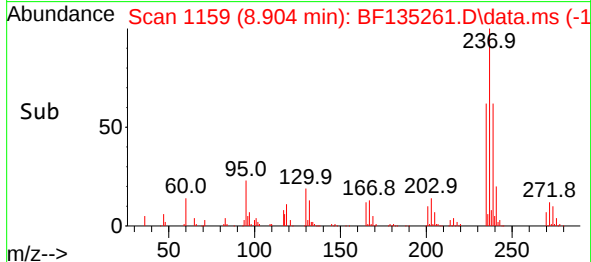
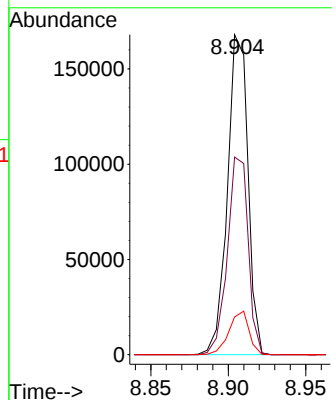
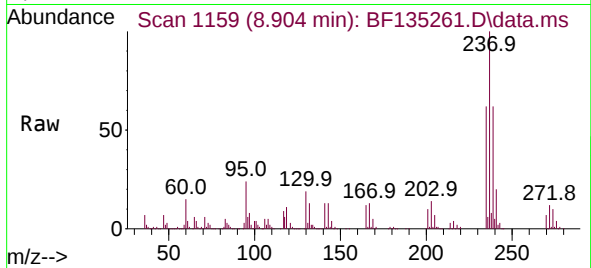




#41  
Hexachlorocyclopentadiene  
Concen: 59.364 ng  
RT: 8.904 min Scan# 1159  
Delta R.T. -0.006 min  
Lab File: BF135261.D  
Acq: 14 Sep 2023 19:00

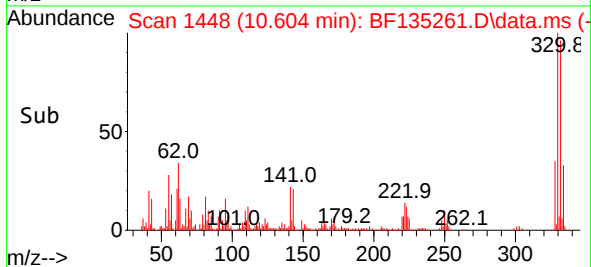
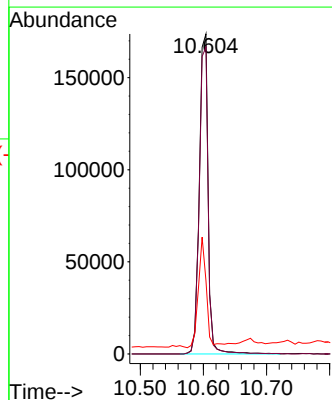
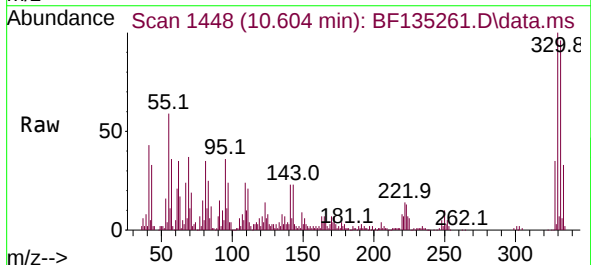
Instrument :  
BNA\_F  
ClientSampleId :

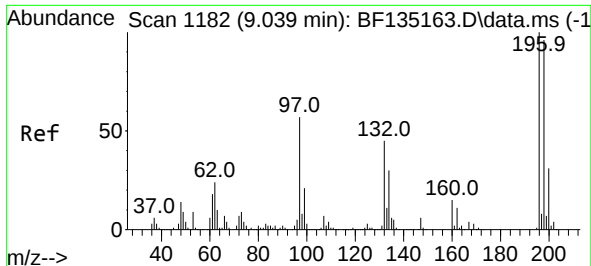
Tgt Ion:237 Resp: 154932  
Ion Ratio Lower Upper  
237 100  
235 61.7 41.8 81.8  
272 11.8 0.0 33.6



#42  
2,4,6-Tribromophenol  
Concen: 79.443 ng  
RT: 10.604 min Scan# 1448  
Delta R.T. 0.006 min  
Lab File: BF135261.D  
Acq: 14 Sep 2023 19:00

Tgt Ion:330 Resp: 167321  
Ion Ratio Lower Upper  
330 100  
332 96.5 77.3 115.9  
141 31.4 25.8 38.8

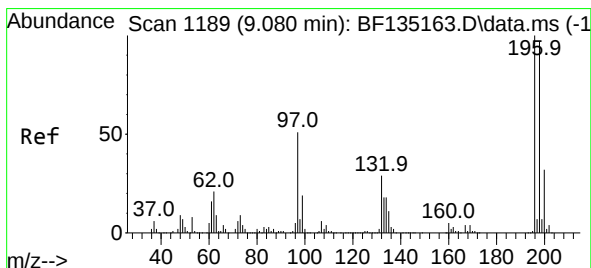
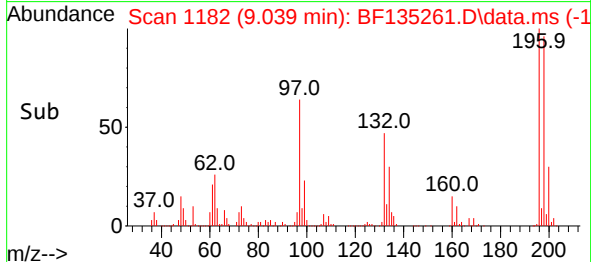
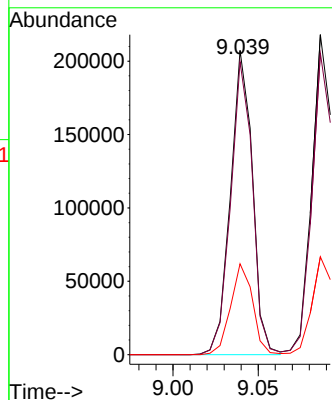
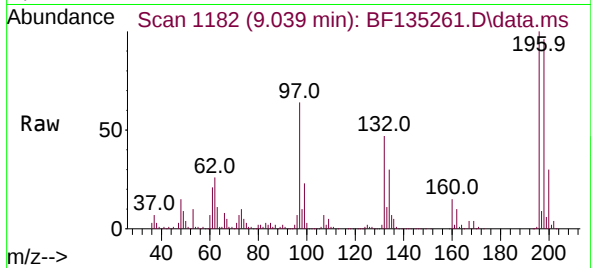




#43  
2,4,6-Trichlorophenol  
Concen: 46.303 ng  
RT: 9.039 min Scan# 1182  
Delta R.T. 0.000 min  
Lab File: BF135261.D  
Acq: 14 Sep 2023 19:00

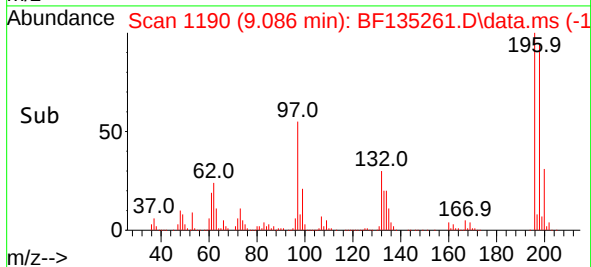
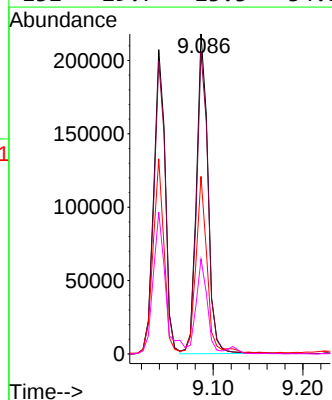
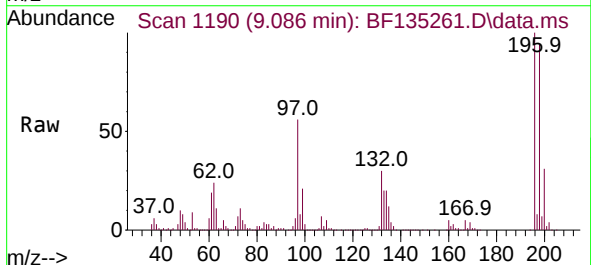
Instrument :  
BNA\_F  
ClientSampleId :

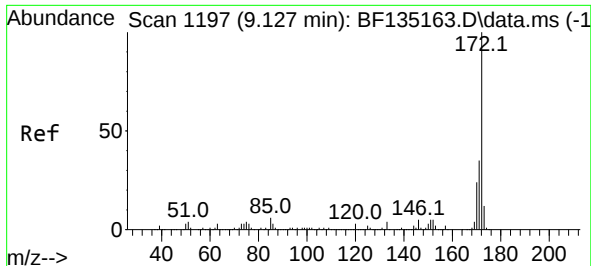
Tgt Ion:196 Resp: 186148  
Ion Ratio Lower Upper  
196 100  
198 96.3 77.0 115.6  
200 29.9 24.5 36.7



#44  
2,4,5-Trichlorophenol  
Concen: 42.026 ng  
RT: 9.086 min Scan# 1190  
Delta R.T. 0.006 min  
Lab File: BF135261.D  
Acq: 14 Sep 2023 19:00

Tgt Ion:196 Resp: 194568  
Ion Ratio Lower Upper  
196 100  
198 94.3 77.5 116.3  
97 55.5 40.5 60.7  
132 29.7 23.3 34.9

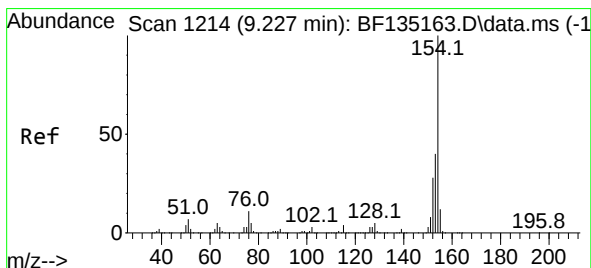
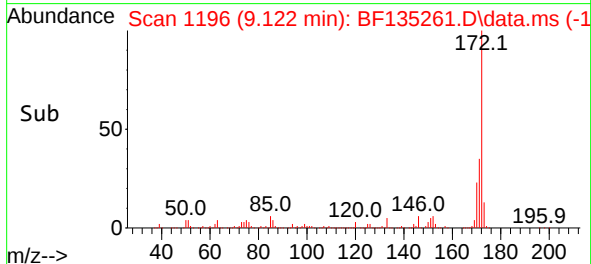
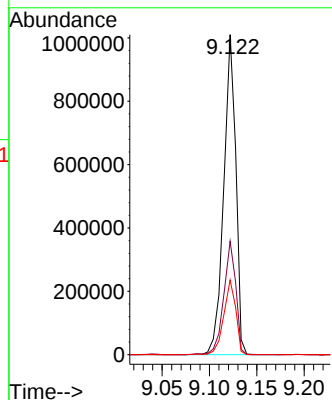
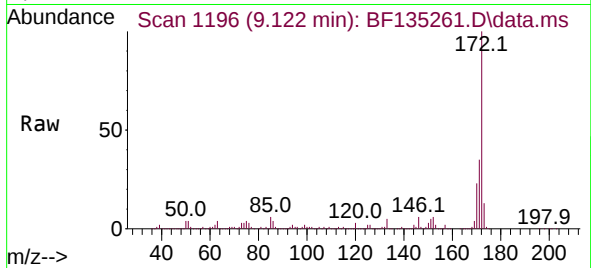




#45  
2-Fluorobiphenyl  
Concen: 63.979 ng  
RT: 9.122 min Scan# 1197  
Delta R.T. -0.006 min  
Lab File: BF135261.D  
Acq: 14 Sep 2023 19:00

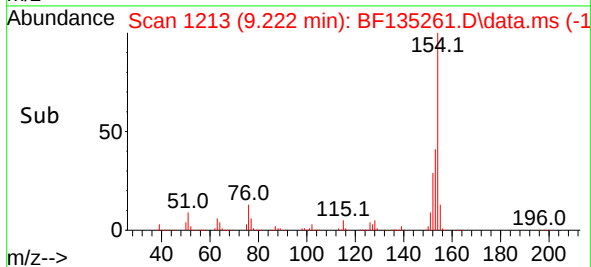
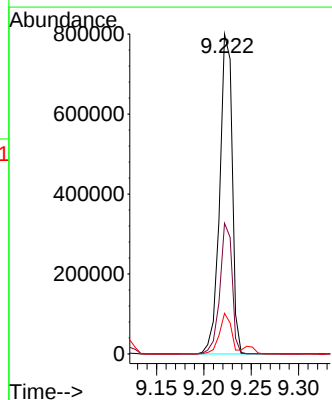
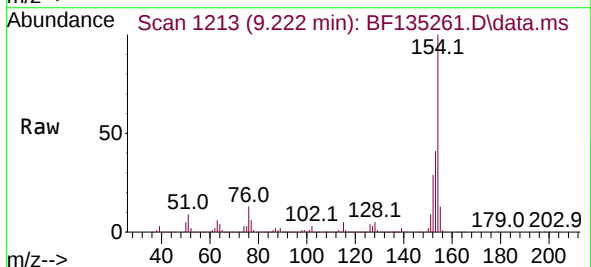
Instrument :  
BNA\_F  
ClientSampleId :

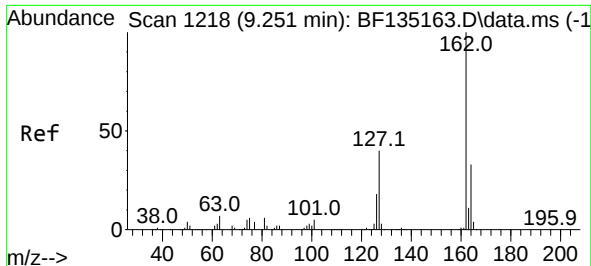
Tgt Ion:172 Resp: 898758  
Ion Ratio Lower Upper  
172 100  
171 35.5 28.4 42.6  
170 23.4 19.0 28.4



#46  
1,1'-Biphenyl  
Concen: 45.166 ng  
RT: 9.222 min Scan# 1213  
Delta R.T. -0.006 min  
Lab File: BF135261.D  
Acq: 14 Sep 2023 19:00

Tgt Ion:154 Resp: 735639  
Ion Ratio Lower Upper  
154 100  
153 40.8 19.6 59.6  
76 12.7 0.0 31.0

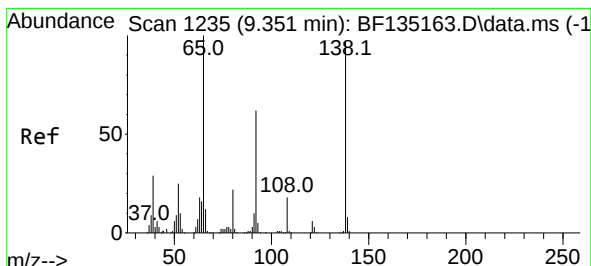
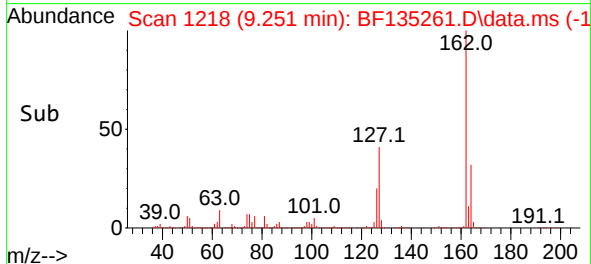
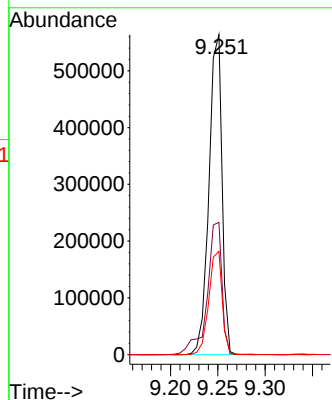
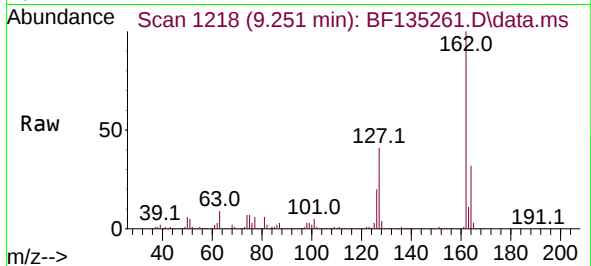




#47  
2-Chloronaphthalene  
Concen: 45.772 ng  
RT: 9.251 min Scan# 1218  
Delta R.T. 0.000 min  
Lab File: BF135261.D  
Acq: 14 Sep 2023 19:00

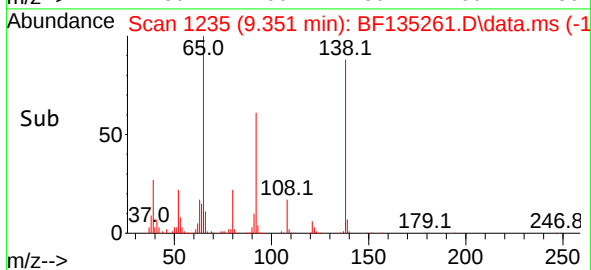
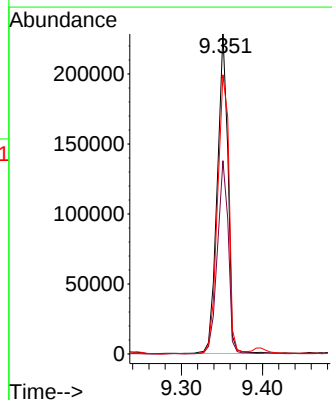
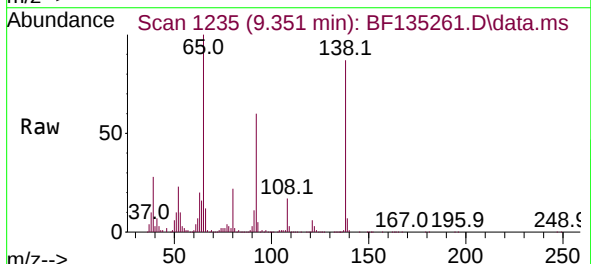
Instrument :  
BNA\_F  
ClientSampleId :

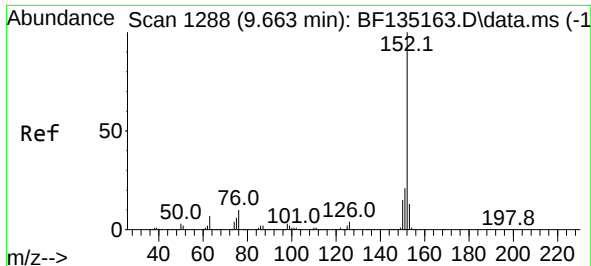
Tgt Ion:162 Resp: 540910  
Ion Ratio Lower Upper  
162 100  
127 41.3 32.6 48.8  
164 32.3 26.2 39.2



#48  
2-Nitroaniline  
Concen: 45.651 ng  
RT: 9.351 min Scan# 1235  
Delta R.T. 0.000 min  
Lab File: BF135261.D  
Acq: 14 Sep 2023 19:00

Tgt Ion: 65 Resp: 209586  
Ion Ratio Lower Upper  
65 100  
92 60.4 49.4 74.0  
138 87.2 77.4 116.0

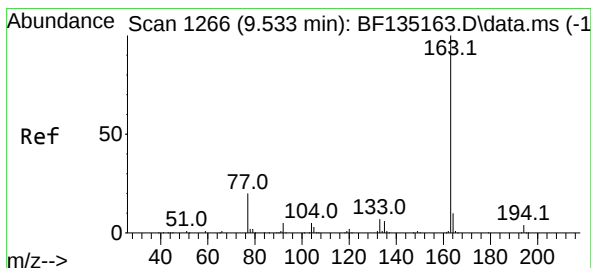
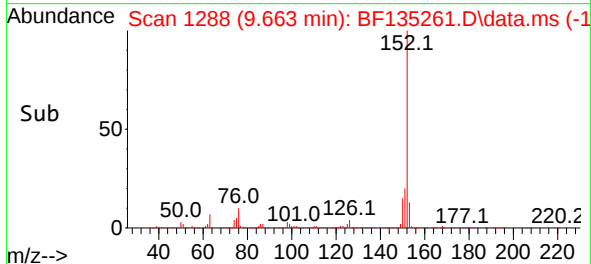
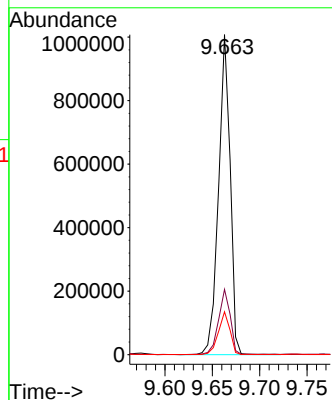
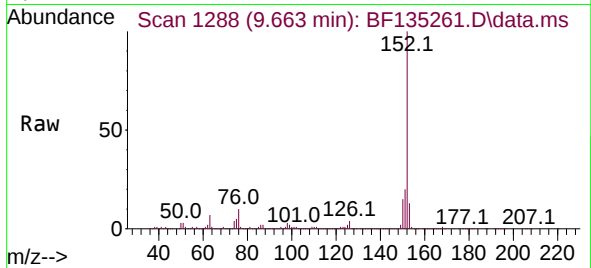




#49  
Acenaphthylene  
Concen: 43.603 ng  
RT: 9.663 min Scan# 1288  
Delta R.T. 0.000 min  
Lab File: BF135261.D  
Acq: 14 Sep 2023 19:00

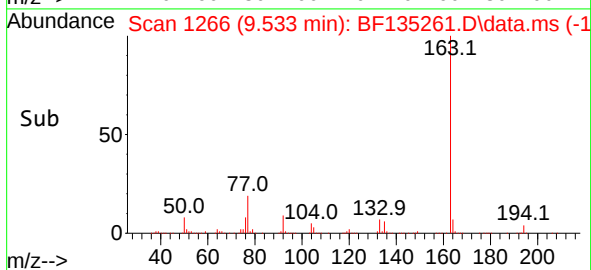
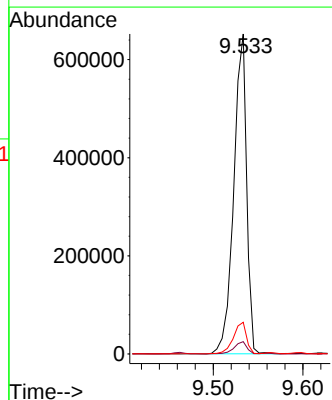
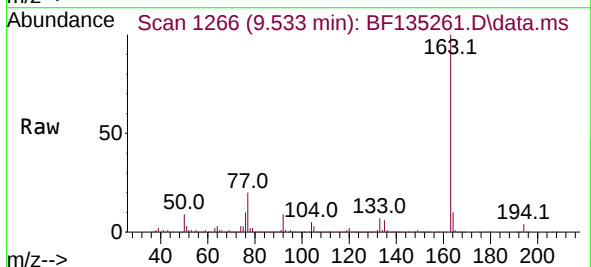
Instrument :  
BNA\_F  
ClientSampleId :

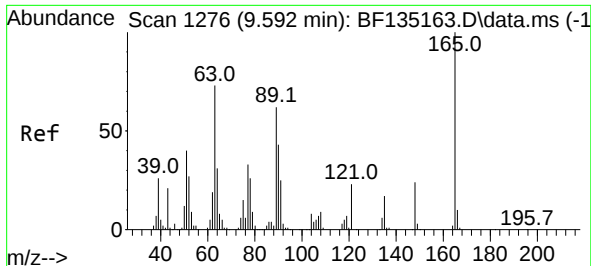
Tgt Ion:152 Resp: 856345  
Ion Ratio Lower Upper  
152 100  
151 20.4 16.4 24.6  
153 13.4 10.4 15.6



#50  
Dimethylphthalate  
Concen: 45.356 ng  
RT: 9.533 min Scan# 1266  
Delta R.T. 0.000 min  
Lab File: BF135261.D  
Acq: 14 Sep 2023 19:00

Tgt Ion:163 Resp: 649928  
Ion Ratio Lower Upper  
163 100  
194 3.8 3.1 4.7  
164 9.9 8.1 12.1





#51

2,6-Dinitrotoluene

Concen: 42.783 ng

RT: 9.598 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF135261.D

Acq: 14 Sep 2023 19:00

Instrument :

BNA\_F

ClientSampleId :

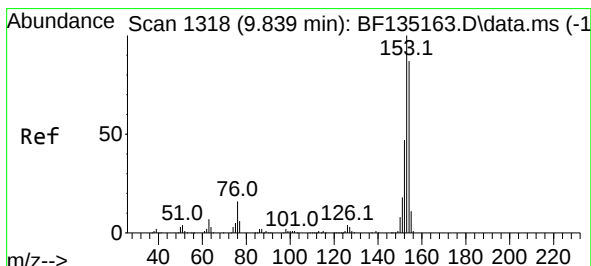
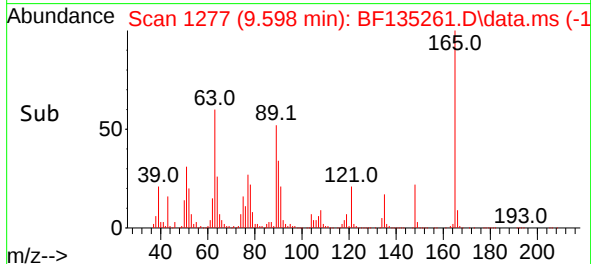
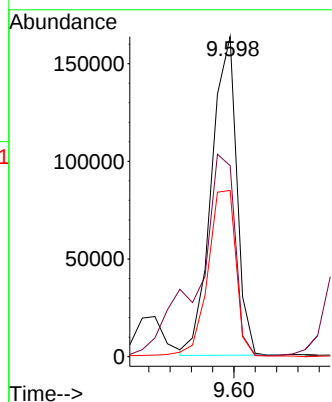
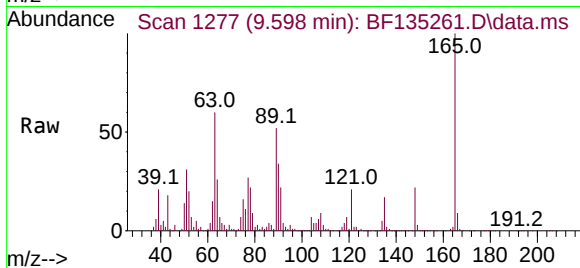
Tgt Ion:165 Resp: 134300

Ion Ratio Lower Upper

165 100

63 59.7 59.4 89.2

89 51.9 49.8 74.8



#52

Acenaphthene

Concen: 39.797 ng

RT: 9.833 min Scan# 1317

Delta R.T. -0.006 min

Lab File: BF135261.D

Acq: 14 Sep 2023 19:00

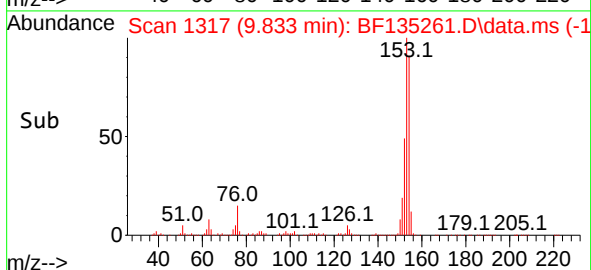
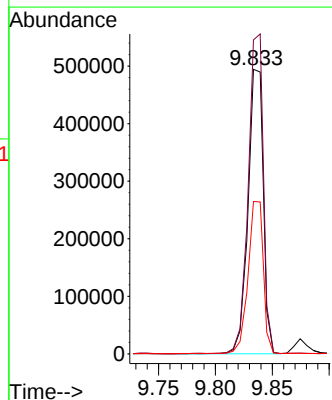
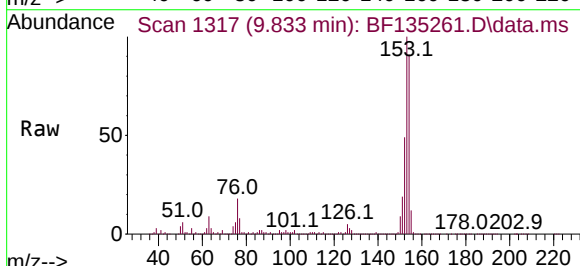
Tgt Ion:154 Resp: 461725

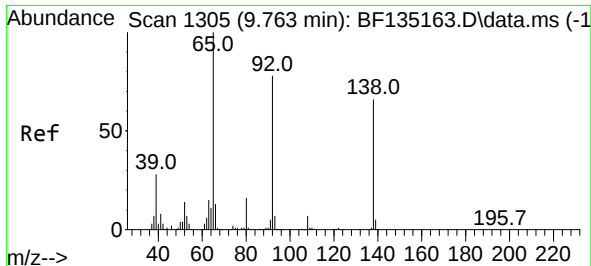
Ion Ratio Lower Upper

154 100

153 110.3 92.1 138.1

152 53.6 43.1 64.7

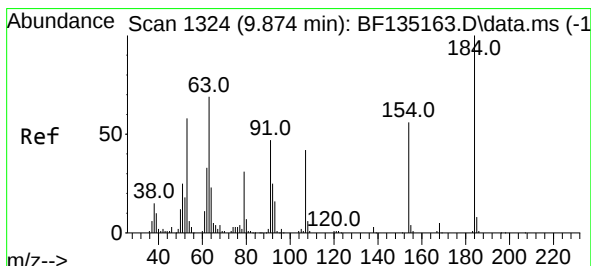
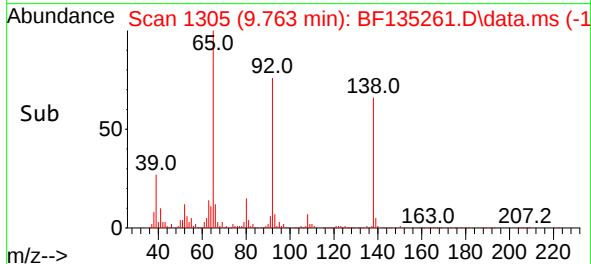
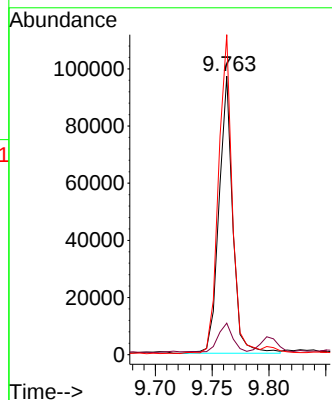
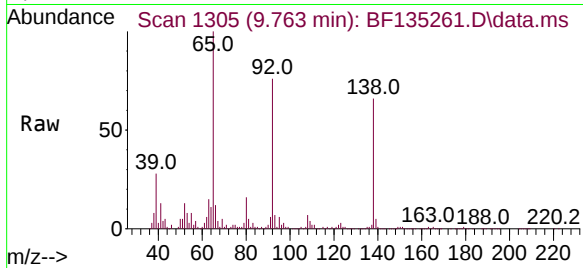




#53  
3-Nitroaniline  
Concen: 22.117 ng  
RT: 9.763 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF135261.D  
Acq: 14 Sep 2023 19:00

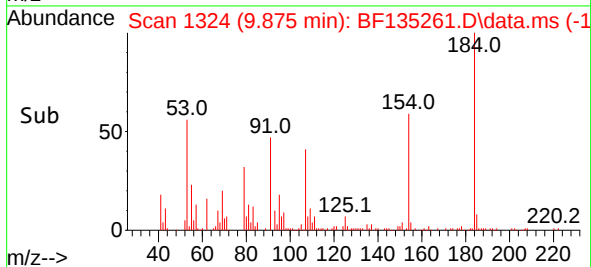
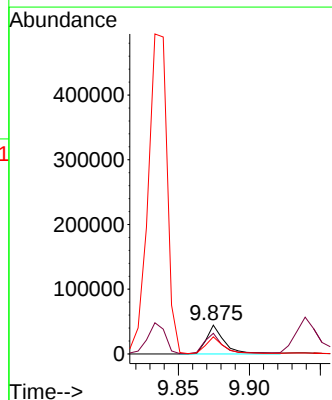
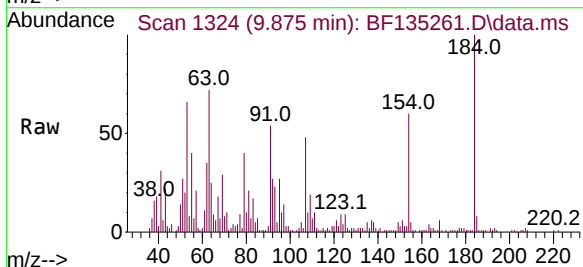
Instrument :  
BNA\_F  
ClientSampleId :

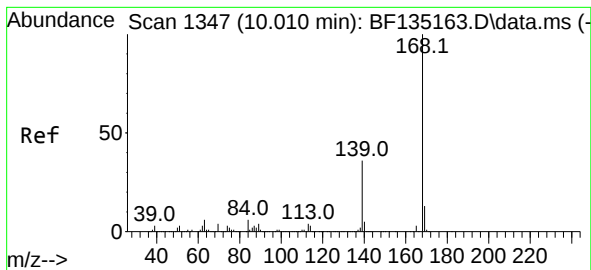
Tgt Ion:138 Resp: 81497  
Ion Ratio Lower Upper  
138 100  
108 11.3 8.5 12.7  
92 114.9 95.4 143.0



#54  
2,4-Dinitrophenol  
Concen: 26.572 ng  
RT: 9.875 min Scan# 1324  
Delta R.T. 0.001 min  
Lab File: BF135261.D  
Acq: 14 Sep 2023 19:00

Tgt Ion:184 Resp: 39288  
Ion Ratio Lower Upper  
184 100  
63 71.9 55.1 82.7  
154 59.5 48.4 72.6





#55

Dibenzenofuran

Concen: 38.704 ng

RT: 10.010 min Scan# 1347

Delta R.T. 0.000 min

Lab File: BF135261.D

Acq: 14 Sep 2023 19:00

Instrument :

BNA\_F

ClientSampleId :

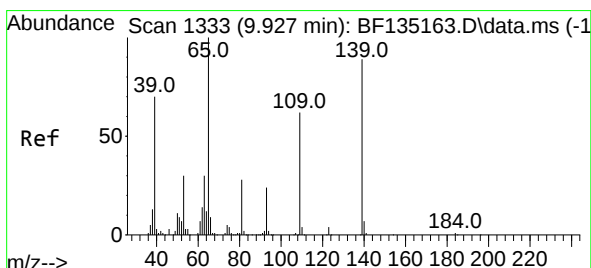
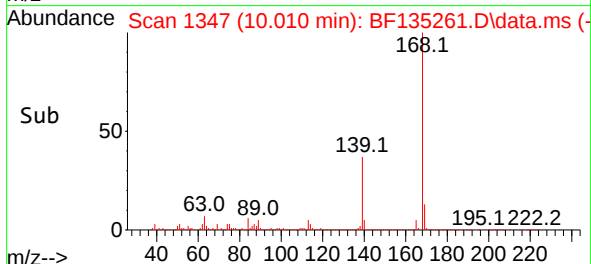
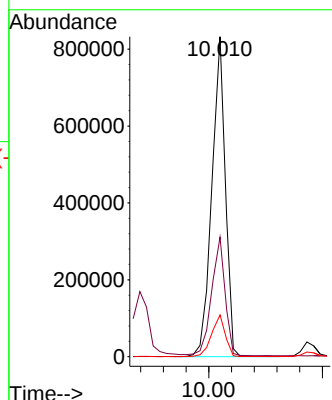
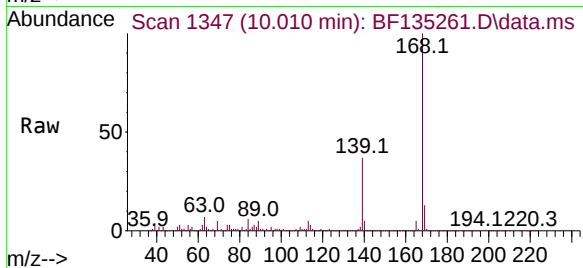
Tgt Ion:168 Resp: 685229

Ion Ratio Lower Upper

168 100

139 37.4 29.0 43.6

169 13.1 10.4 15.6



#56

4-Nitrophenol

Concen: 73.068 ng

RT: 9.939 min Scan# 1335

Delta R.T. 0.012 min

Lab File: BF135261.D

Acq: 14 Sep 2023 19:00

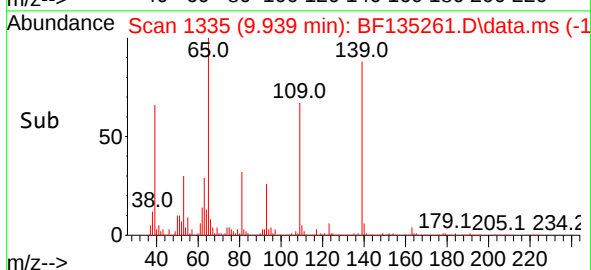
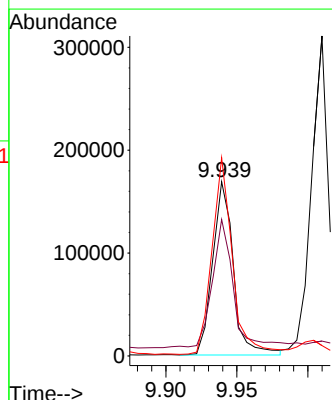
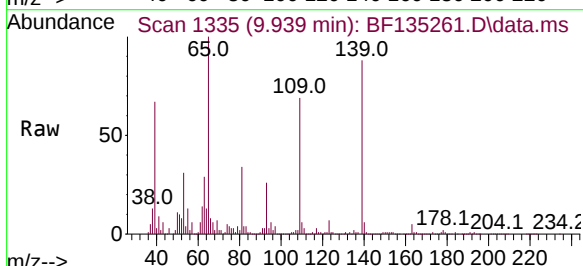
Tgt Ion:139 Resp: 171116

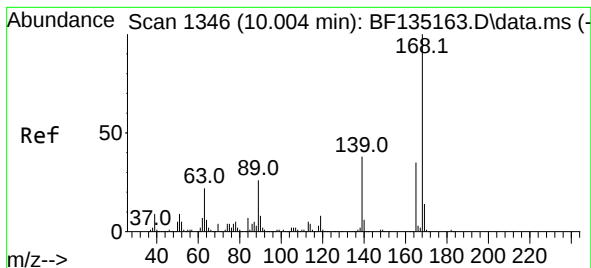
Ion Ratio Lower Upper

139 100

109 78.3 49.8 89.8

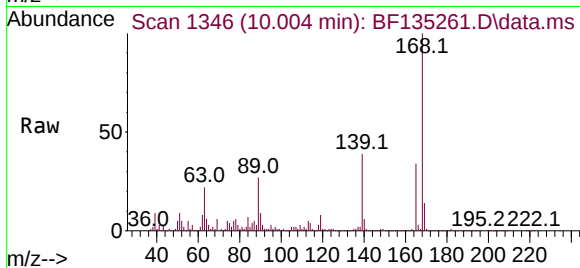
65 113.8 92.7 132.7



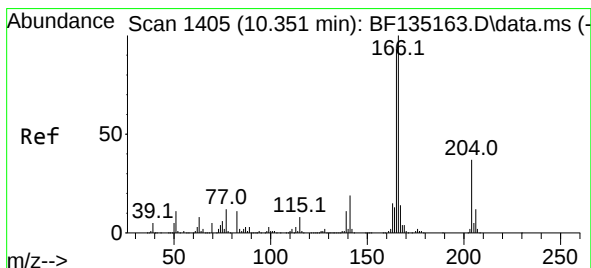
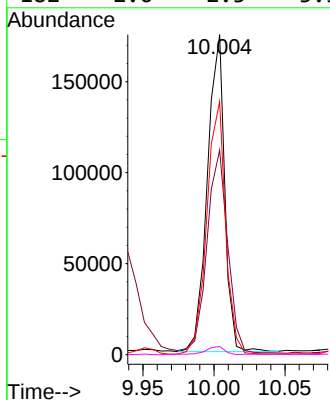
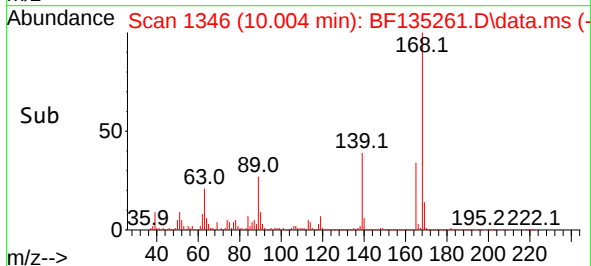


#57  
2,4-Dinitrotoluene  
Concen: 37.559 ng  
RT: 10.004 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF135261.D  
Acq: 14 Sep 2023 19:00

Instrument :  
BNA\_F  
ClientSampleId :

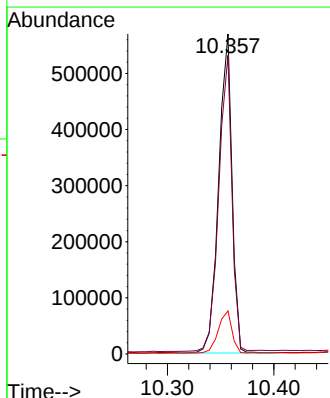
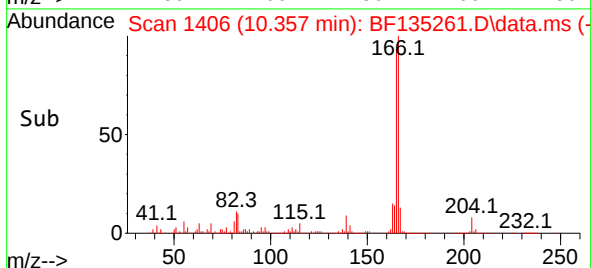
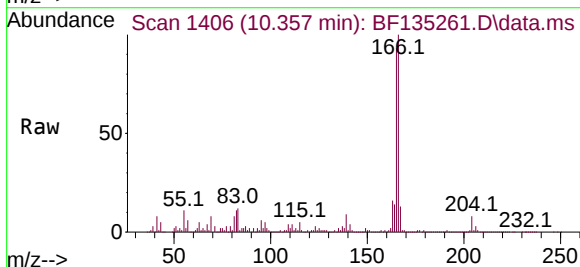


Tgt Ion:165 Resp: 147600  
Ion Ratio Lower Upper  
165 100  
63 63.9 50.1 75.1  
89 79.1 59.3 88.9  
182 2.6 2.3 3.5



#58  
Fluorene  
Concen: 36.312 ng  
RT: 10.357 min Scan# 1406  
Delta R.T. 0.006 min  
Lab File: BF135261.D  
Acq: 14 Sep 2023 19:00

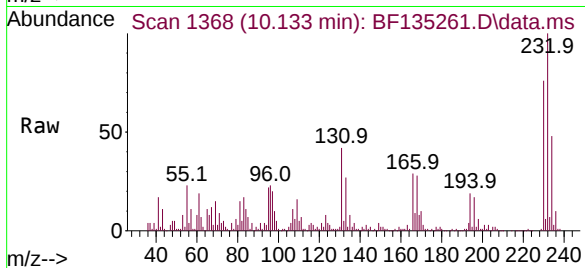
Tgt Ion:166 Resp: 494228  
Ion Ratio Lower Upper  
166 100  
165 93.3 74.3 111.5  
167 13.5 10.9 16.3



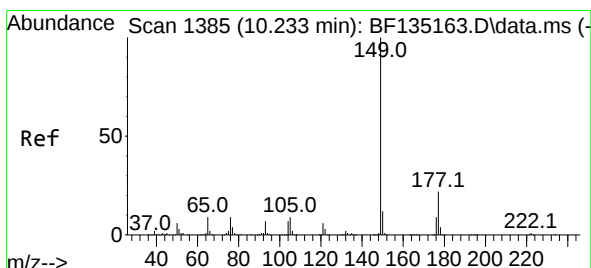
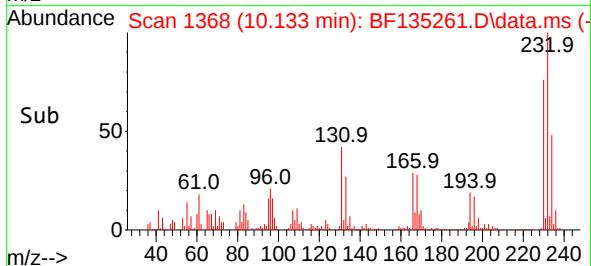
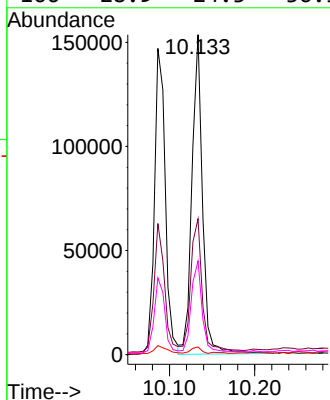


#59  
2,3,4,6-Tetrachlorophenol  
Concen: 37.290 ng  
RT: 10.133 min Scan# 1368  
Delta R.T. 0.006 min  
Lab File: BF135261.D  
Acq: 14 Sep 2023 19:00

Instrument :  
BNA\_F  
ClientSampleId :

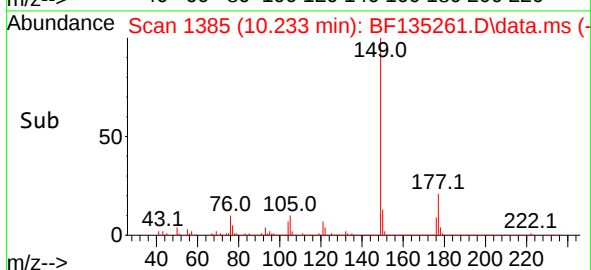
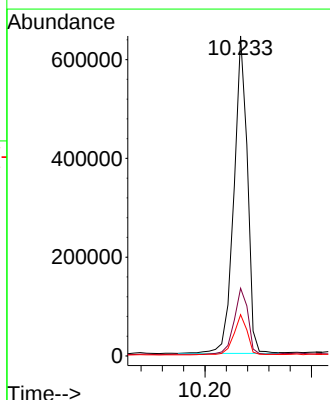
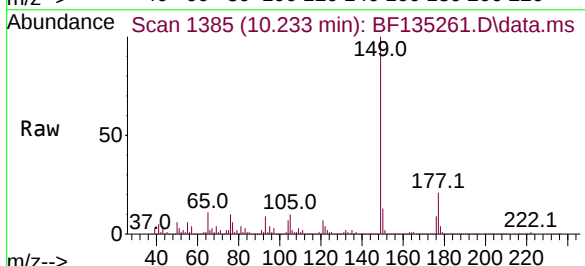


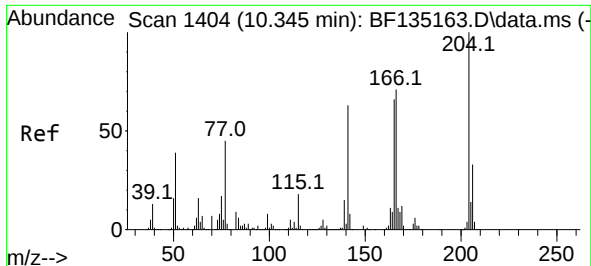
Tgt Ion:232 Resp: 132802  
Ion Ratio Lower Upper  
232 100  
131 43.7 35.4 53.2  
130 1.9 1.8 2.8  
166 28.9 24.3 36.5



#60  
Diethylphthalate  
Concen: 39.257 ng  
RT: 10.233 min Scan# 1385  
Delta R.T. 0.000 min  
Lab File: BF135261.D  
Acq: 14 Sep 2023 19:00

Tgt Ion:149 Resp: 564545  
Ion Ratio Lower Upper  
149 100  
177 21.1 17.8 26.6  
150 12.9 10.0 15.0

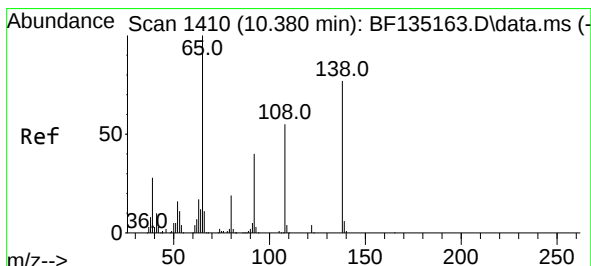
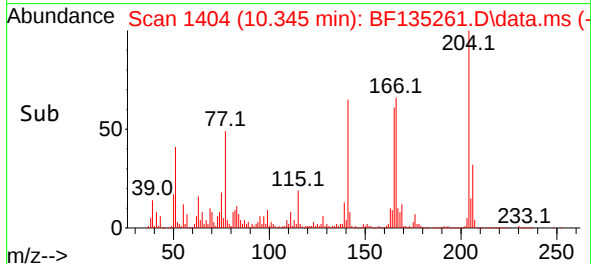
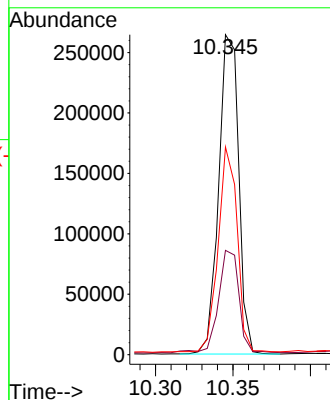
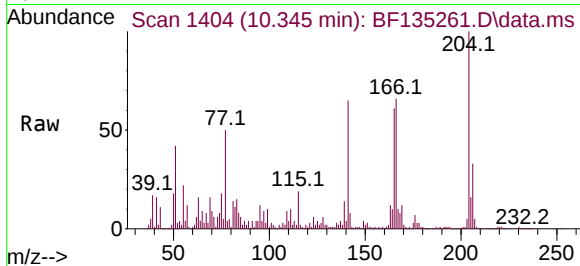




#61  
4-Chlorophenyl-phenylether  
Concen: 36.343 ng  
RT: 10.345 min Scan# 1404  
Delta R.T. 0.000 min  
Lab File: BF135261.D  
Acq: 14 Sep 2023 19:00

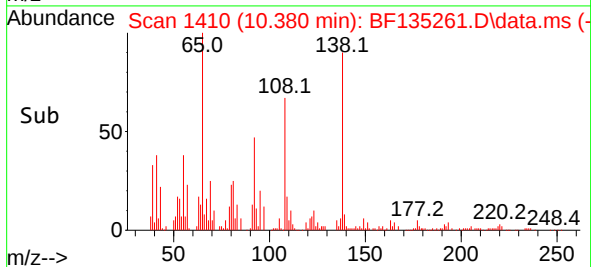
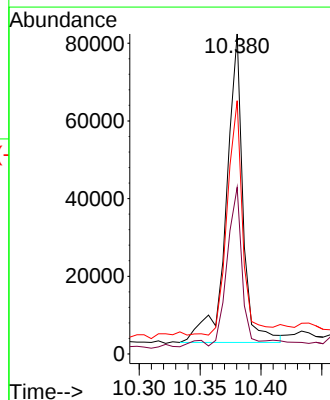
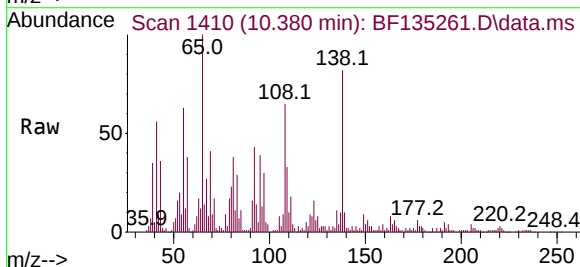
Instrument :  
BNA\_F  
ClientSampleId :

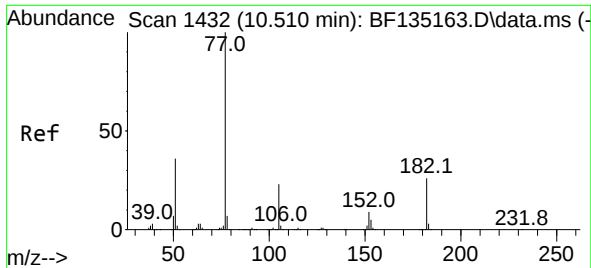
Tgt Ion:204 Resp: 237614  
Ion Ratio Lower Upper  
204 100  
206 32.6 26.7 40.1  
141 64.9 50.6 75.8



#62  
4-Nitroaniline  
Concen: 21.352 ng  
RT: 10.380 min Scan# 1410  
Delta R.T. 0.000 min  
Lab File: BF135261.D  
Acq: 14 Sep 2023 19:00

Tgt Ion:138 Resp: 75628  
Ion Ratio Lower Upper  
138 100  
92 52.1 31.8 71.8  
108 79.2 52.0 92.0

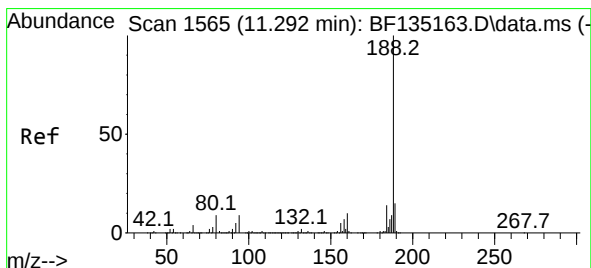
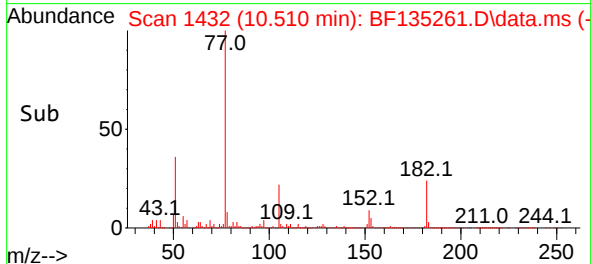
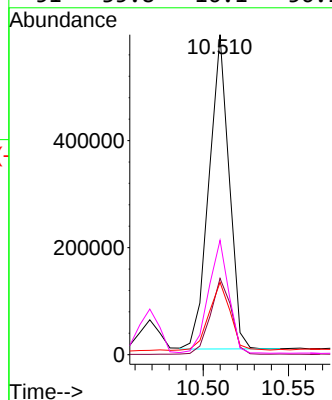
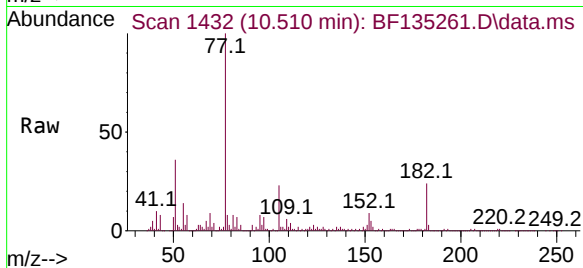




#63  
Azobenzene  
Concen: 34.164 ng  
RT: 10.510 min Scan# 1432  
Delta R.T. 0.000 min  
Lab File: BF135261.D  
Acq: 14 Sep 2023 19:00

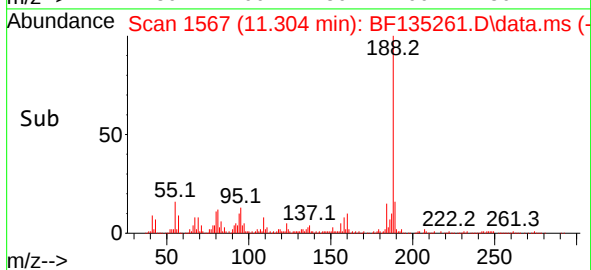
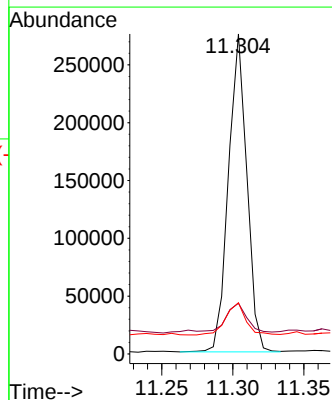
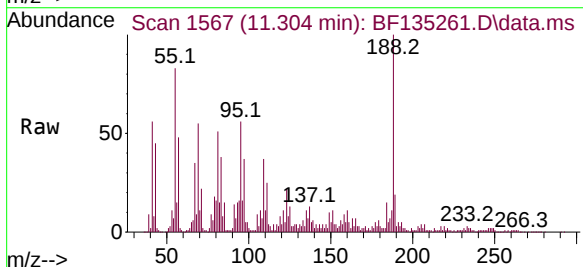
Instrument :  
BNA\_F  
ClientSampleId :

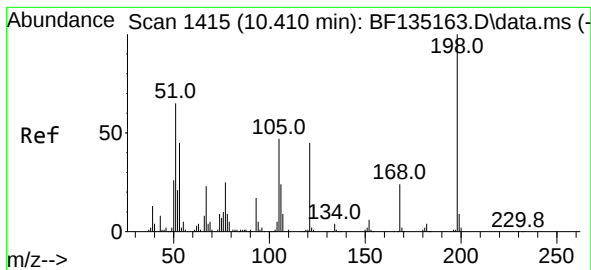
|             |              |
|-------------|--------------|
| Tgt Ion: 77 | Resp: 480844 |
| Ion Ratio   | Lower Upper  |
| 77 100      |              |
| 182 23.9    | 6.4 46.4     |
| 105 22.6    | 3.1 43.1     |
| 51 35.8     | 16.1 56.1    |



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.304 min Scan# 1567  
Delta R.T. 0.012 min  
Lab File: BF135261.D  
Acq: 14 Sep 2023 19:00

|             |              |
|-------------|--------------|
| Tgt Ion:188 | Resp: 247435 |
| Ion Ratio   | Lower Upper  |
| 188 100     |              |
| 94 15.8     | 7.0 10.6#    |
| 80 16.0     | 7.5 11.3#    |

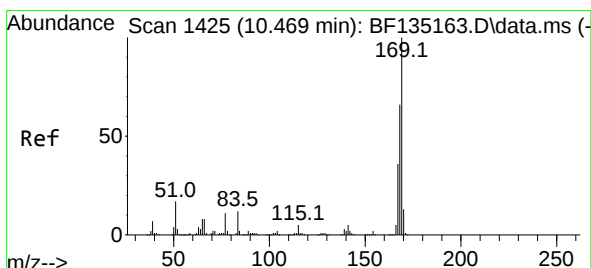
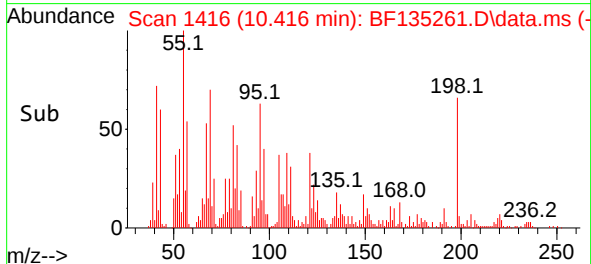
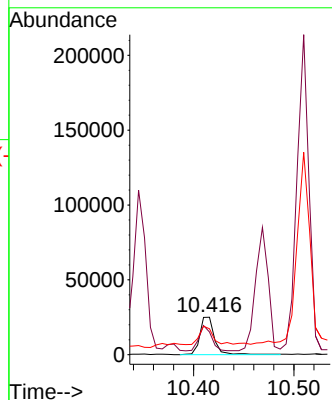
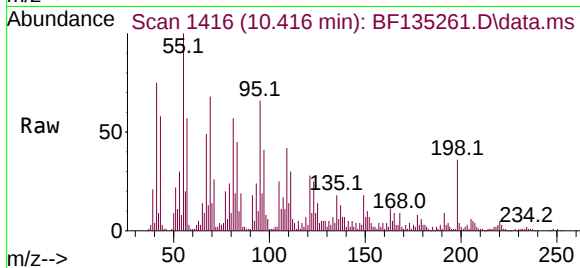




#65  
4,6-Dinitro-2-methylphenol  
Concen: 19.521 ng  
RT: 10.416 min Scan# 1415  
Delta R.T. 0.006 min  
Lab File: BF135261.D  
Acq: 14 Sep 2023 19:00

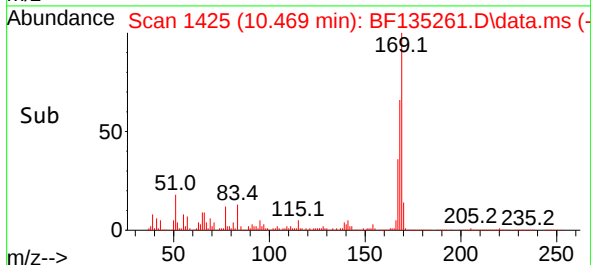
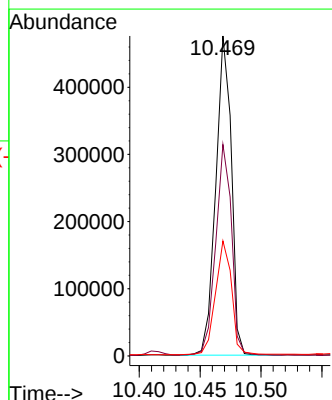
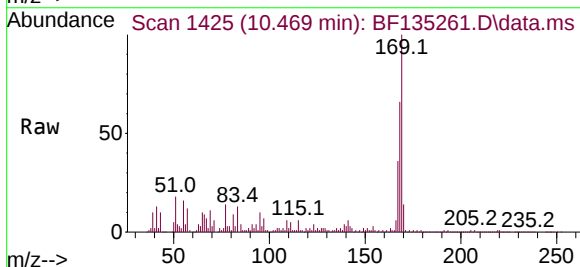
Instrument :  
BNA\_F  
ClientSampleId :

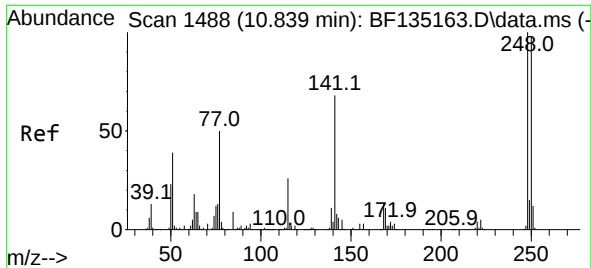
Tgt Ion:198 Resp: 25655  
Ion Ratio Lower Upper  
198 100  
51 60.5 47.7 87.7  
105 69.2 27.4 67.4#



#66  
n-Nitrosodiphenylamine  
Concen: 56.411 ng  
RT: 10.469 min Scan# 1425  
Delta R.T. 0.000 min  
Lab File: BF135261.D  
Acq: 14 Sep 2023 19:00

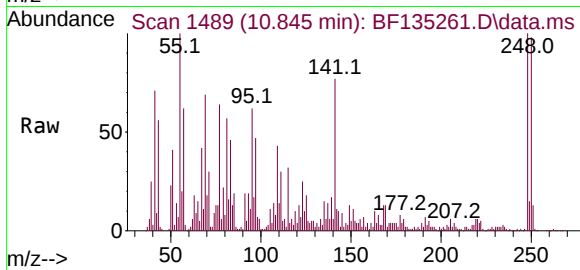
Tgt Ion:169 Resp: 422579  
Ion Ratio Lower Upper  
169 100  
168 66.1 52.8 79.2  
167 35.9 29.0 43.6



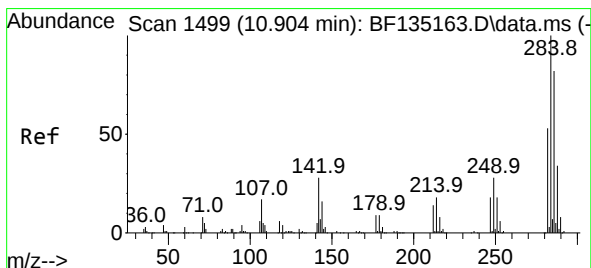
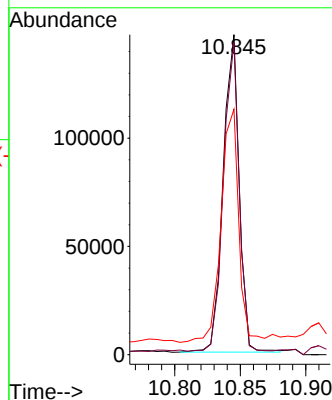
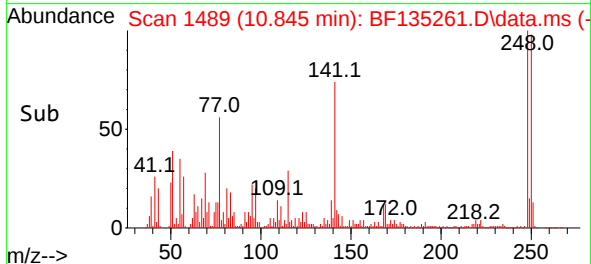


#67  
4-Bromophenyl-phenylether  
Concen: 50.608 ng  
RT: 10.845 min Scan# 1488  
Delta R.T. 0.006 min  
Lab File: BF135261.D  
Acq: 14 Sep 2023 19:00

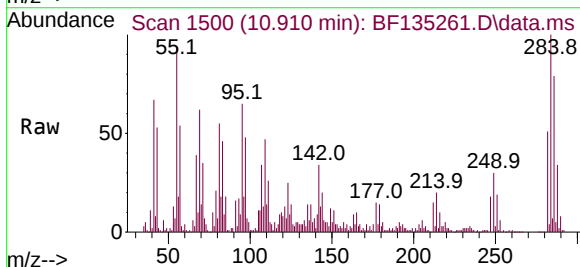
Instrument :  
BNA\_F  
ClientSampleId :



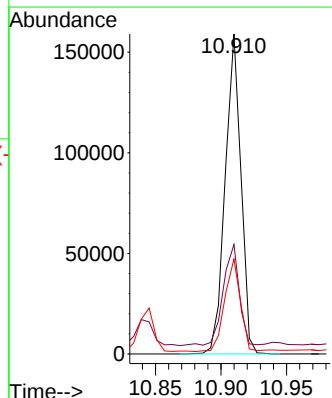
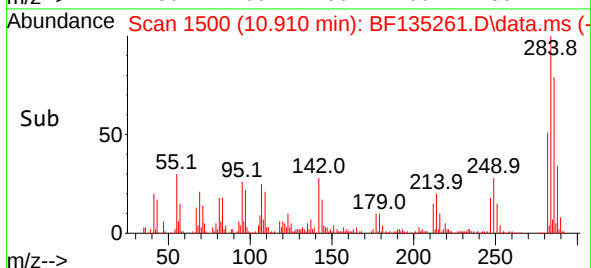
Tgt Ion:248 Resp: 124543  
Ion Ratio Lower Upper  
248 100  
250 97.7 78.6 117.8  
141 76.7 54.2 81.2

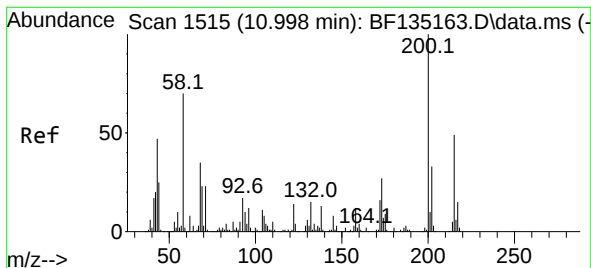


#68  
Hexachlorobenzene  
Concen: 52.901 ng  
RT: 10.910 min Scan# 1500  
Delta R.T. 0.006 min  
Lab File: BF135261.D  
Acq: 14 Sep 2023 19:00



Tgt Ion:284 Resp: 132629  
Ion Ratio Lower Upper  
284 100  
142 34.2 22.2 33.4#  
249 29.7 22.5 33.7





#69

Atrazine

Concen: 51.297 ng

RT: 11.027 min Scan# 1515

Delta R.T. 0.030 min

Lab File: BF135261.D

Acq: 14 Sep 2023 19:00

Instrument :

BNA\_F

ClientSampleId :

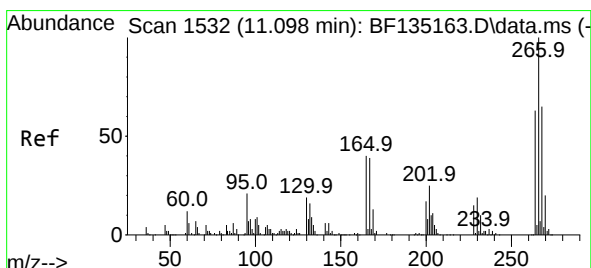
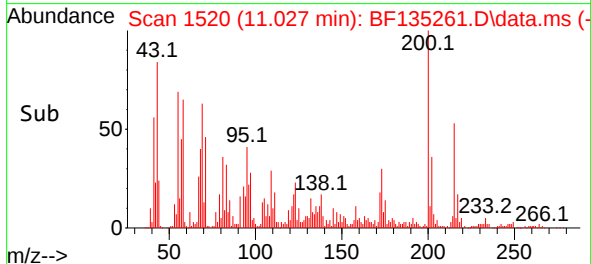
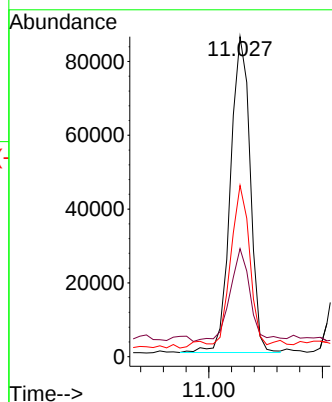
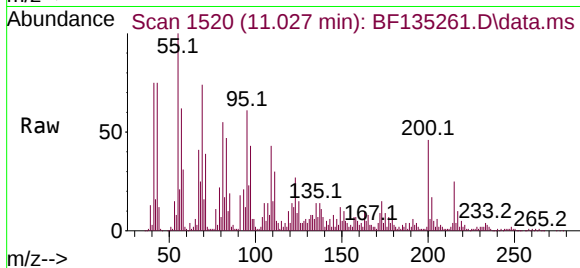
Tgt Ion:200 Resp: 103396

Ion Ratio Lower Upper

200 100

173 33.8 7.4 47.4

215 53.5 28.6 68.6



#70

Pentachlorophenol

Concen: 84.801 ng

RT: 11.116 min Scan# 1535

Delta R.T. 0.018 min

Lab File: BF135261.D

Acq: 14 Sep 2023 19:00

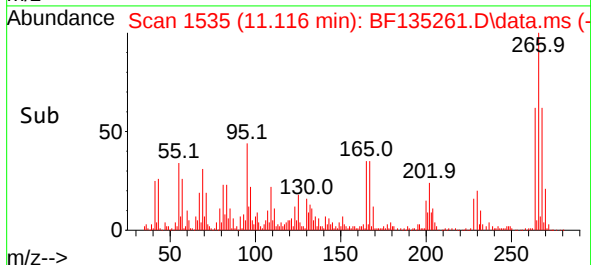
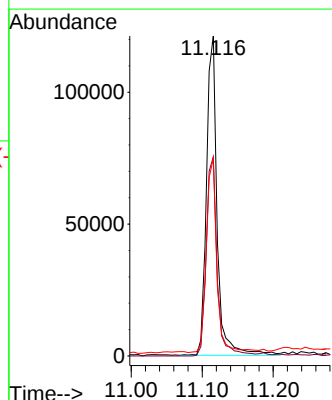
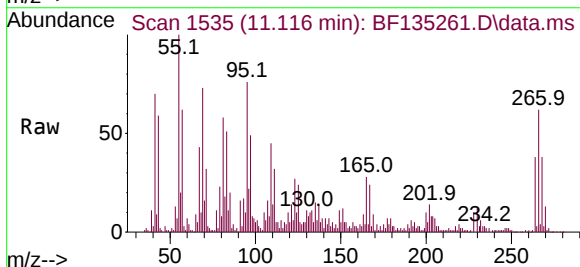
Tgt Ion:266 Resp: 127202

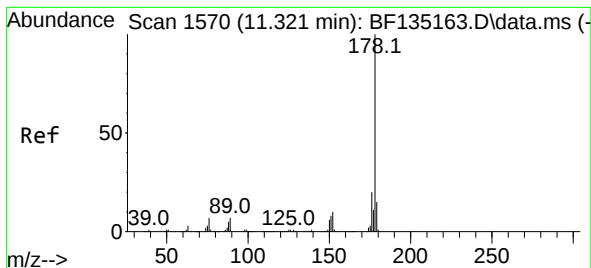
Ion Ratio Lower Upper

266 100

268 62.2 52.1 78.1

264 61.7 50.8 76.2





#71

Phenanthrene

Concen: 44.475 ng

RT: 11.333 min Scan# 1572

Delta R.T. 0.012 min

Lab File: BF135261.D

Acq: 14 Sep 2023 19:00

Instrument :

BNA\_F

ClientSampleId :

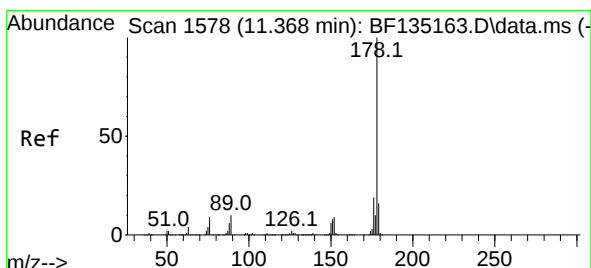
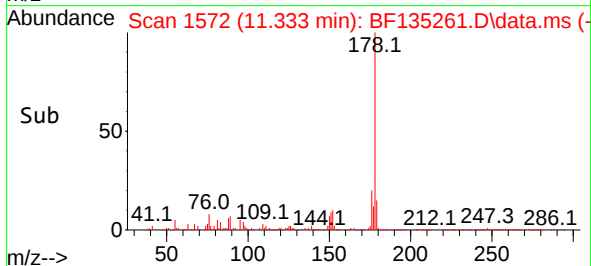
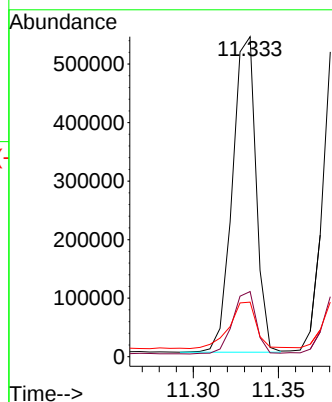
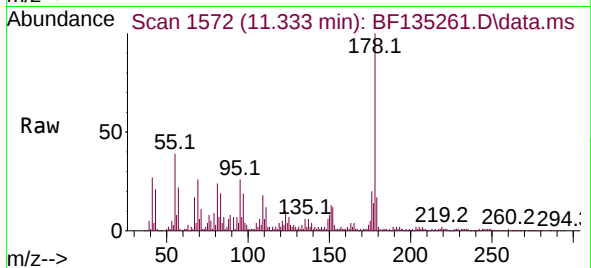
Tgt Ion:178 Resp: 520476

Ion Ratio Lower Upper

178 100

176 20.3 15.6 23.4

179 17.1 12.0 18.0



#72

Anthracene

Concen: 40.732 ng

RT: 11.380 min Scan# 1580

Delta R.T. 0.012 min

Lab File: BF135261.D

Acq: 14 Sep 2023 19:00

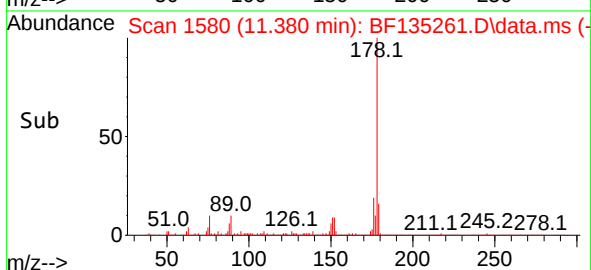
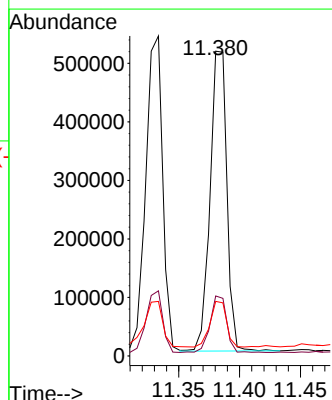
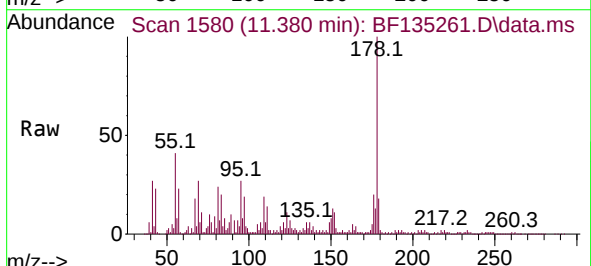
Tgt Ion:178 Resp: 489965

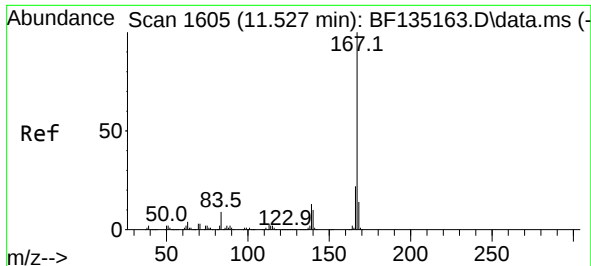
Ion Ratio Lower Upper

178 100

176 19.7 15.4 23.2

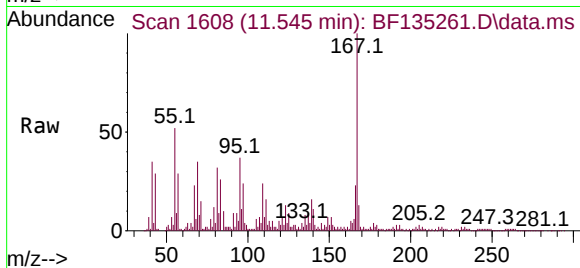
179 17.9 12.6 19.0



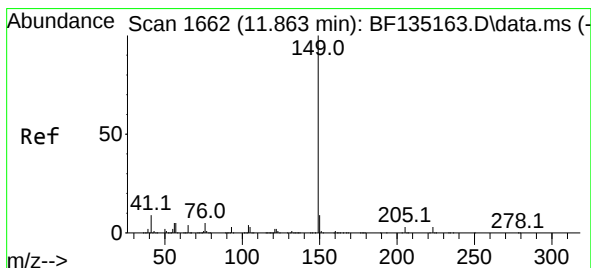
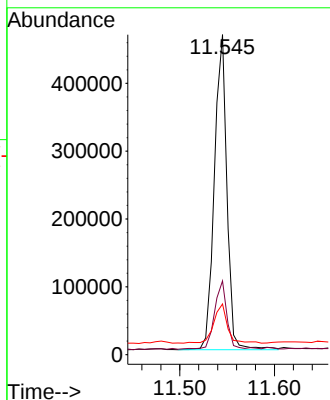
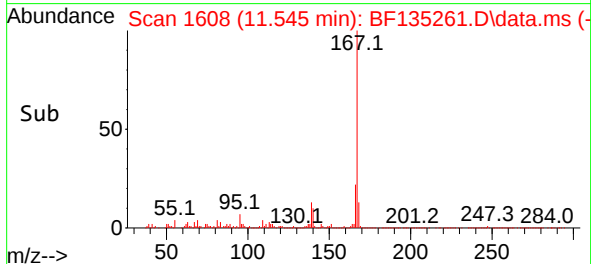


#73  
Carbazole  
Concen: 38.989 ng  
RT: 11.545 min Scan# 1608  
Delta R.T. 0.018 min  
Lab File: BF135261.D  
Acq: 14 Sep 2023 19:00

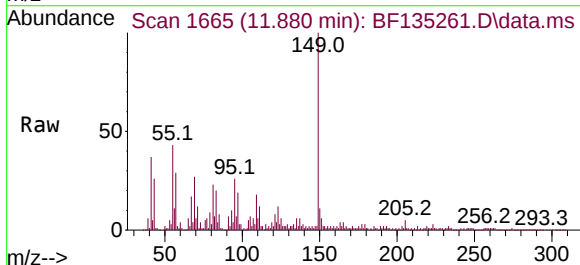
Instrument :  
BNA\_F  
ClientSampleId :



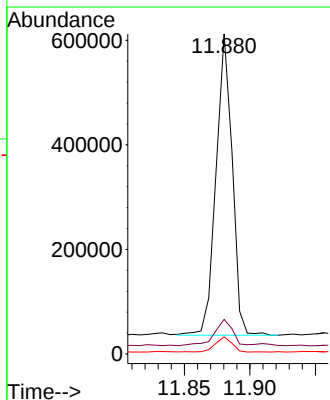
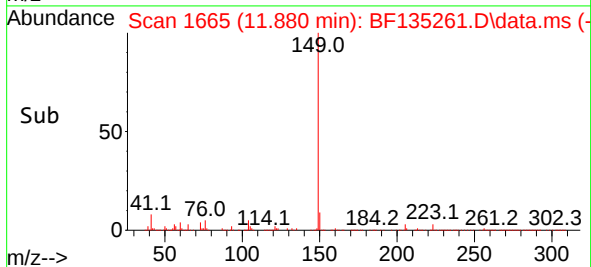
Tgt Ion:167 Resp: 426946  
Ion Ratio Lower Upper  
167 100  
166 23.0 17.4 26.0  
139 15.8 10.6 15.8

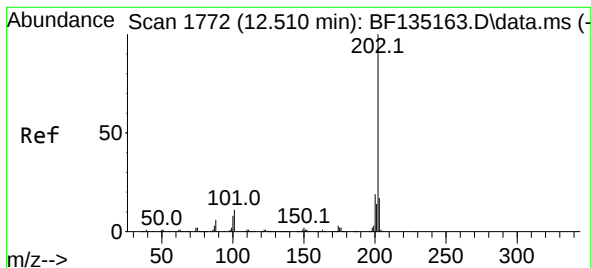


#74  
Di-n-butylphthalate  
Concen: 38.334 ng  
RT: 11.880 min Scan# 1665  
Delta R.T. 0.018 min  
Lab File: BF135261.D  
Acq: 14 Sep 2023 19:00



Tgt Ion:149 Resp: 494629  
Ion Ratio Lower Upper  
149 100  
150 10.8 7.4 11.0  
104 5.3 3.6 5.4





#75

Fluoranthene

Concen: 39.055 ng

RT: 12.539 min Scan# 11

Delta R.T. 0.030 min

Lab File: BF135261.D

Acq: 14 Sep 2023 19:00

Instrument :

BNA\_F

ClientSampleId :

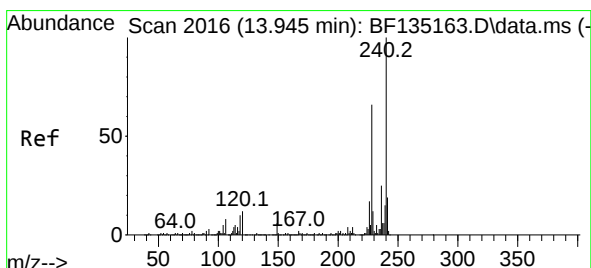
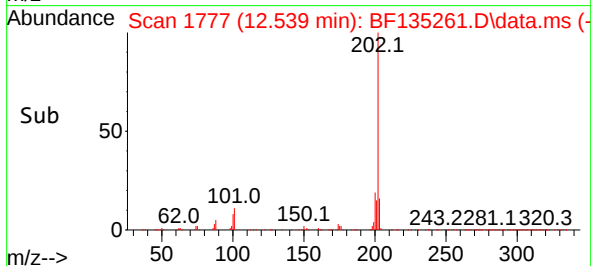
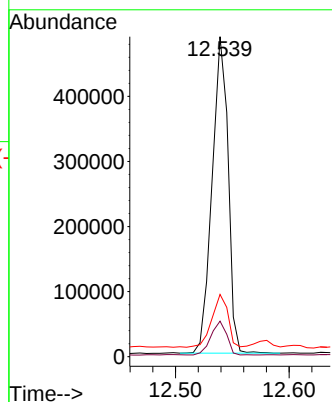
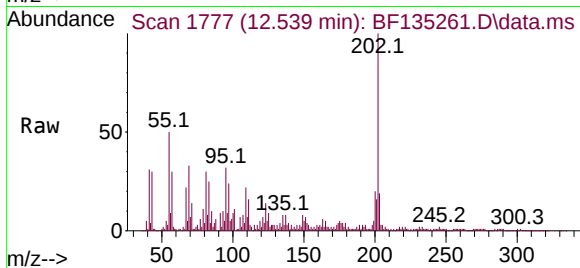
Tgt Ion:202 Resp: 476243

Ion Ratio Lower Upper

202 100

101 11.1 0.0 31.3

203 19.4 0.0 37.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.974 min Scan# 2021

Delta R.T. 0.030 min

Lab File: BF135261.D

Acq: 14 Sep 2023 19:00

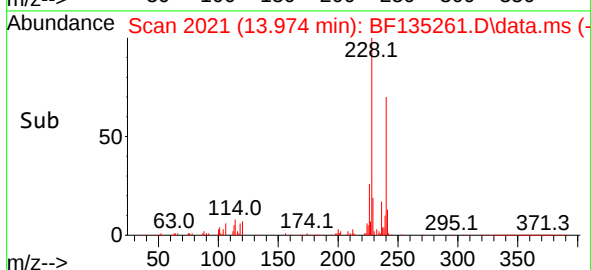
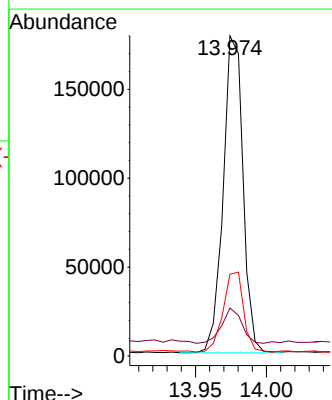
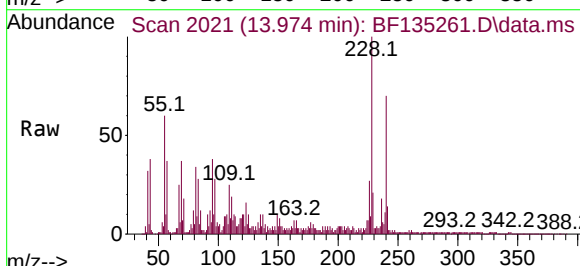
Tgt Ion:240 Resp: 172683

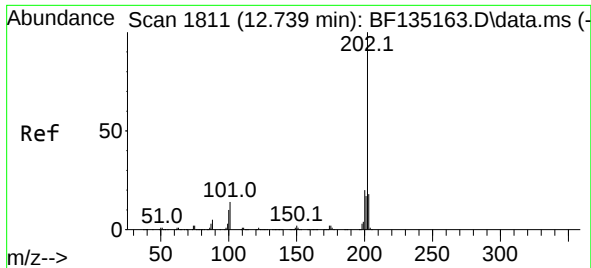
Ion Ratio Lower Upper

240 100

120 14.9 9.4 14.2#

236 25.6 19.8 29.8

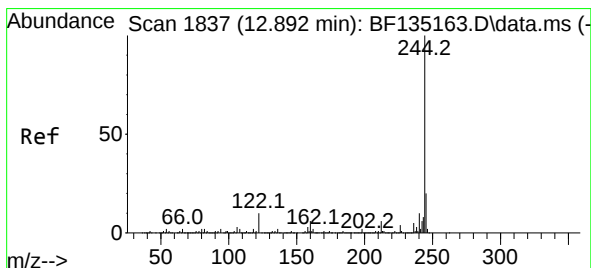
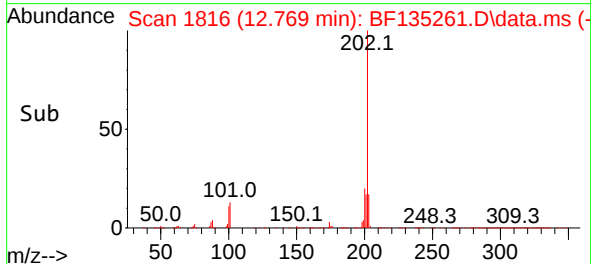
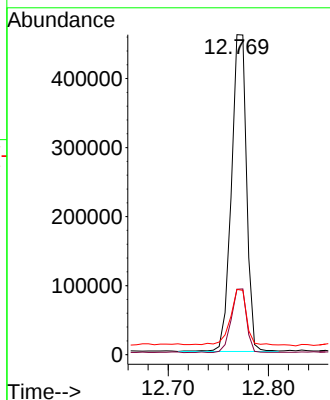
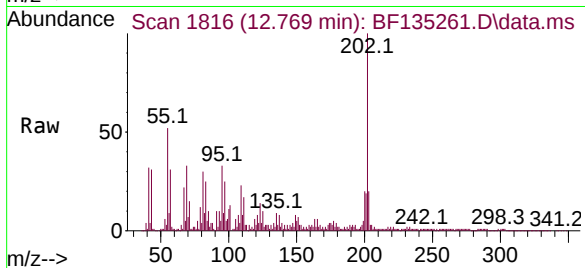




#78  
Pyrene  
Concen: 29.191 ng  
RT: 12.769 min Scan# 1816  
Delta R.T. 0.030 min  
Lab File: BF135261.D  
Acq: 14 Sep 2023 19:00

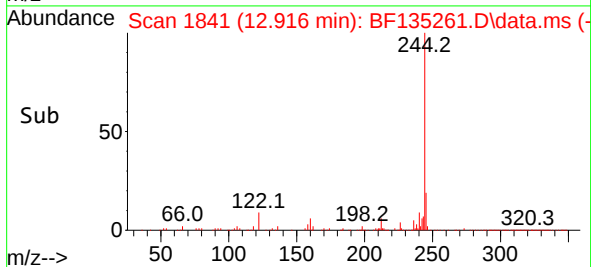
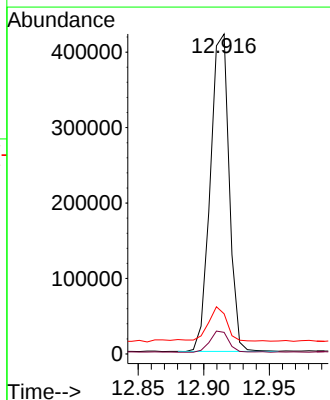
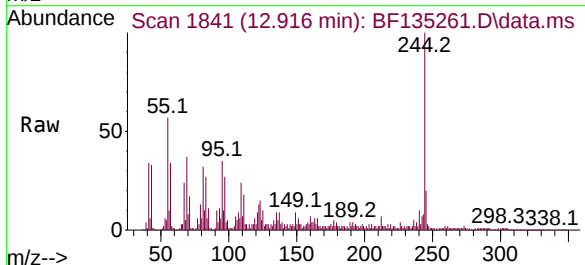
Instrument :  
BNA\_F  
ClientSampleId :

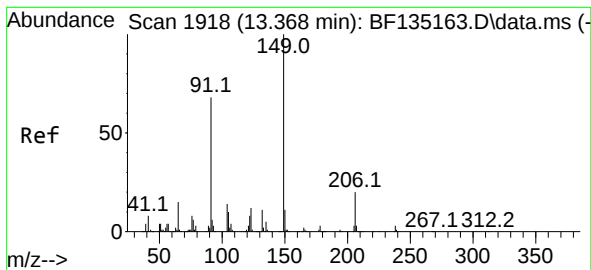
Tgt Ion:202 Resp: 479919  
Ion Ratio Lower Upper  
202 100  
200 20.4 16.2 24.2  
203 20.4 14.2 21.4



#79  
Terphenyl-d14  
Concen: 37.749 ng  
RT: 12.916 min Scan# 1841  
Delta R.T. 0.024 min  
Lab File: BF135261.D  
Acq: 14 Sep 2023 19:00

Tgt Ion:244 Resp: 420505  
Ion Ratio Lower Upper  
244 100  
212 6.8 5.1 7.7  
122 12.5 7.9 11.9#





#80

Butylbenzylphthalate

Concen: 35.517 ng

RT: 13.392 min Scan# 1918

Delta R.T. 0.024 min

Lab File: BF135261.D

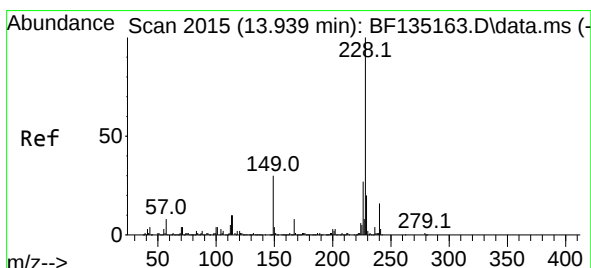
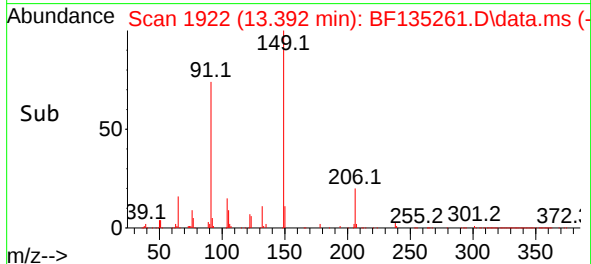
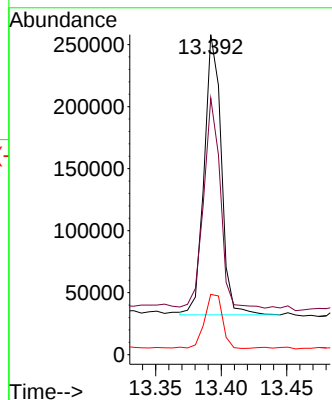
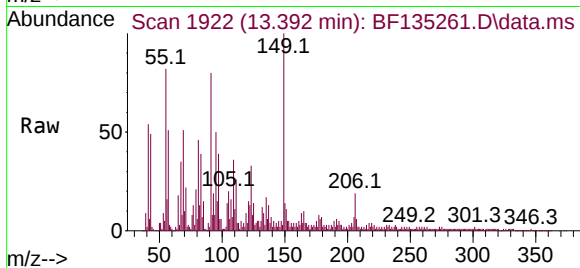
Acq: 14 Sep 2023 19:00

Instrument :

BNA\_F

ClientSampleId :

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 205593 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 91        | 80.2  | 54.7  | 82.1   |
| 206       | 18.8  | 16.3  | 24.5   |



#81

Benzo(a)anthracene

Concen: 44.316 ng

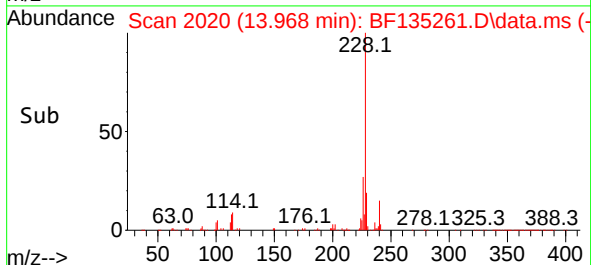
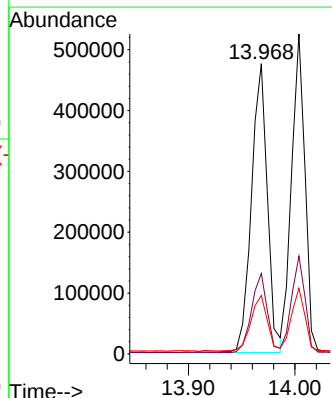
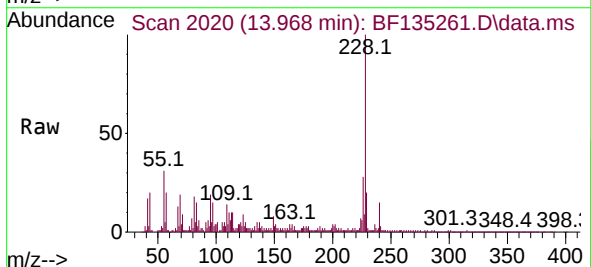
RT: 13.968 min Scan# 2020

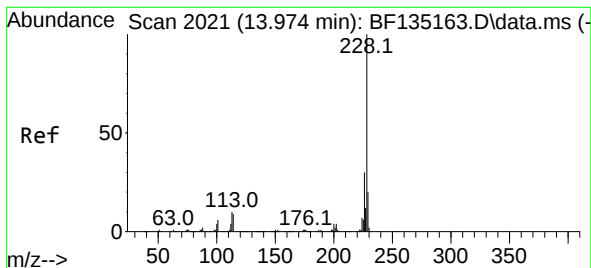
Delta R.T. 0.030 min

Lab File: BF135261.D

Acq: 14 Sep 2023 19:00

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 228   | Resp: | 494154 |
| Ion Ratio | Lower | Upper |        |
| 228       | 100   |       |        |
| 226       | 27.7  | 21.7  | 32.5   |
| 229       | 20.1  | 15.8  | 23.8   |





#83

Chrysene

Concen: 41.502 ng

RT: 14.004 min Scan# 20

Delta R.T. 0.030 min

Lab File: BF135261.D

Acq: 14 Sep 2023 19:00

Instrument :

BNA\_F

ClientSampleId :

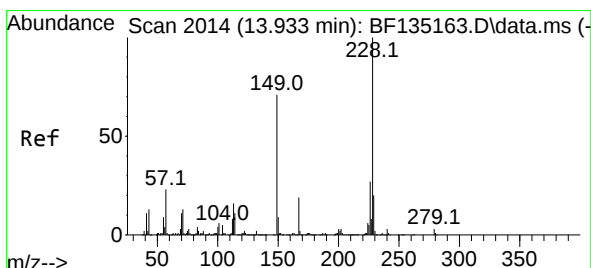
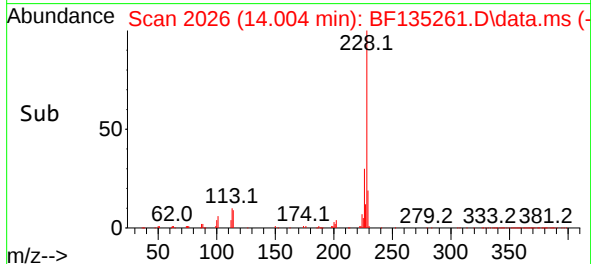
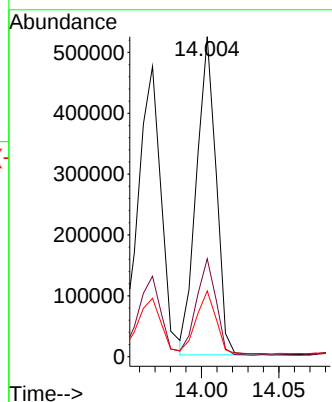
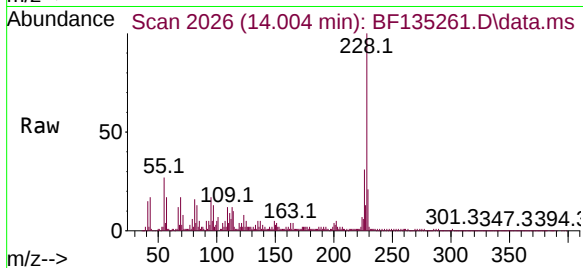
Tgt Ion:228 Resp: 460098

Ion Ratio Lower Upper

228 100

226 30.6 24.3 36.5

229 20.6 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 74.958 ng

RT: 13.957 min Scan# 2018

Delta R.T. 0.024 min

Lab File: BF135261.D

Acq: 14 Sep 2023 19:00

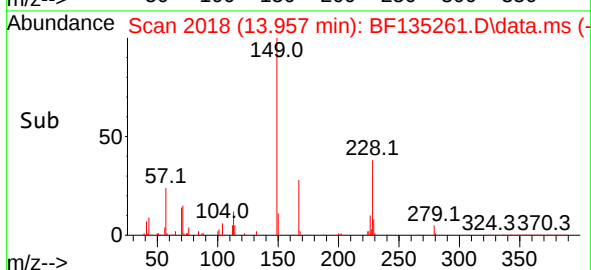
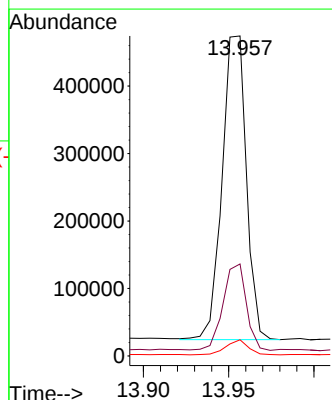
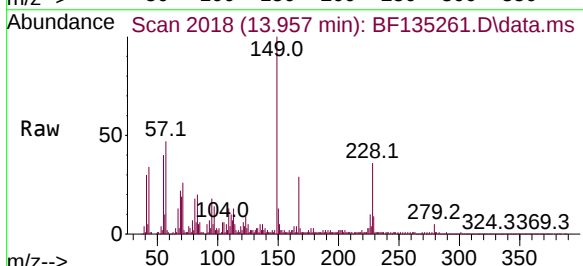
Tgt Ion:149 Resp: 445250

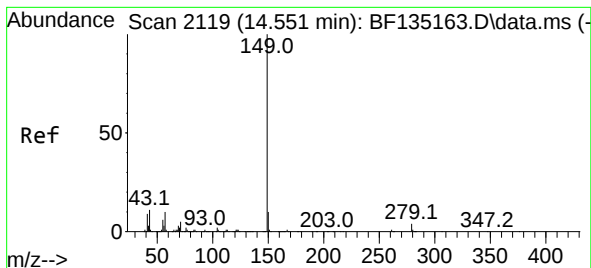
Ion Ratio Lower Upper

149 100

167 28.7 21.9 32.9

279 5.1 3.3 4.9#





#85

Di-n-octyl phthalate

Concen: 61.472 ng

RT: 14.568 min Scan# 2119

Delta R.T. 0.018 min

Lab File: BF135261.D

Acq: 14 Sep 2023 19:00

Instrument :

BNA\_F

ClientSampleId :

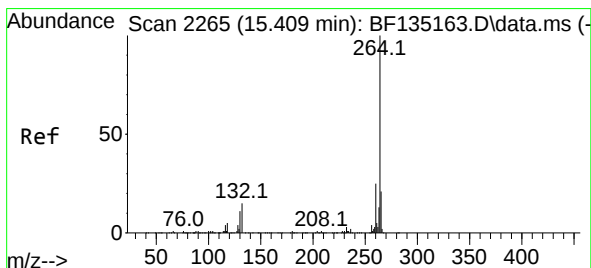
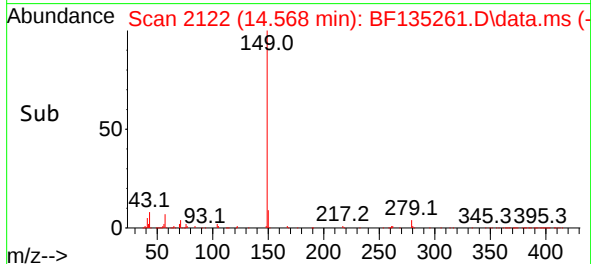
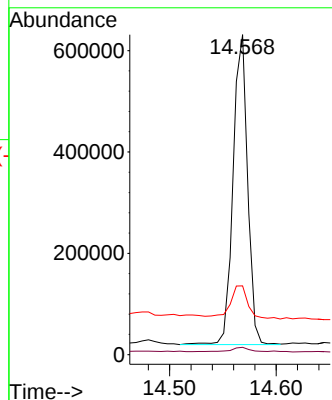
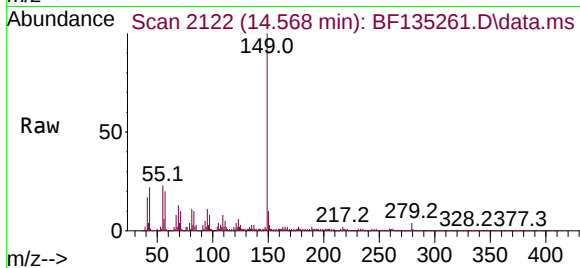
Tgt Ion:149 Resp: 580287

Ion Ratio Lower Upper

149 100

167 1.5 1.1 1.7

43 13.1 9.8 14.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.439 min Scan# 2270

Delta R.T. 0.030 min

Lab File: BF135261.D

Acq: 14 Sep 2023 19:00

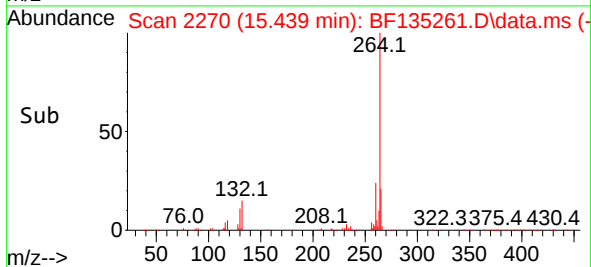
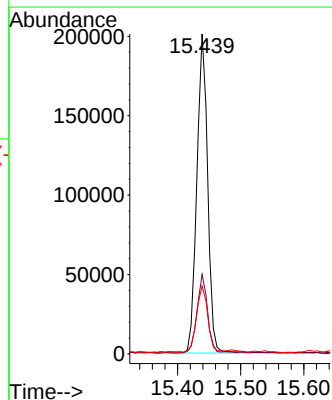
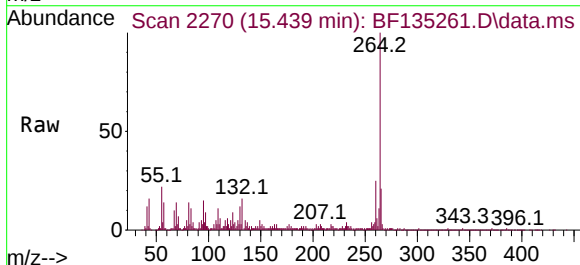
Tgt Ion:264 Resp: 238565

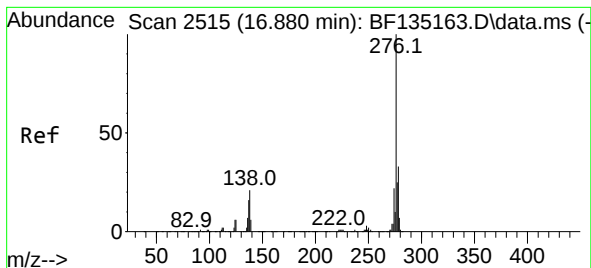
Ion Ratio Lower Upper

264 100

260 24.9 19.8 29.6

265 21.2 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 35.009 ng

RT: 16.921 min Scan# 2198

Delta R.T. 0.041 min

Lab File: BF135261.D

Acq: 14 Sep 2023 19:00

Instrument :

BNA\_F

ClientSampleId :

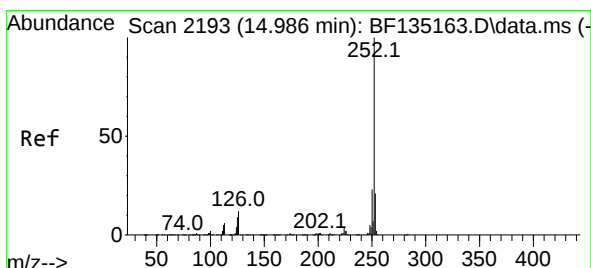
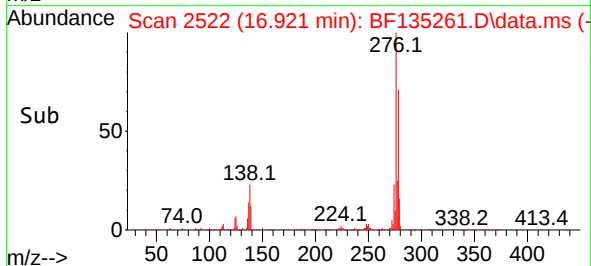
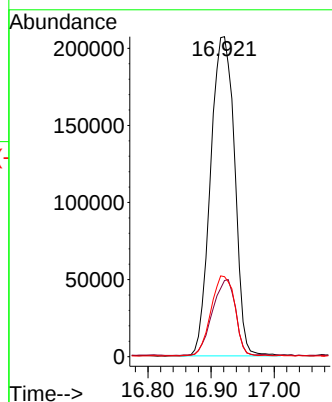
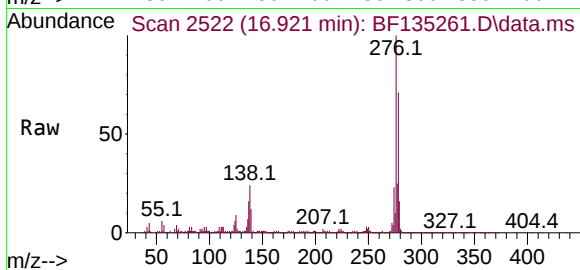
Tgt Ion:276 Resp: 547601

Ion Ratio Lower Upper

276 100

138 22.7 19.2 28.8

277 25.0 19.7 29.5



#88

Benzo(b)fluoranthene

Concen: 43.472 ng

RT: 15.015 min Scan# 2198

Delta R.T. 0.030 min

Lab File: BF135261.D

Acq: 14 Sep 2023 19:00

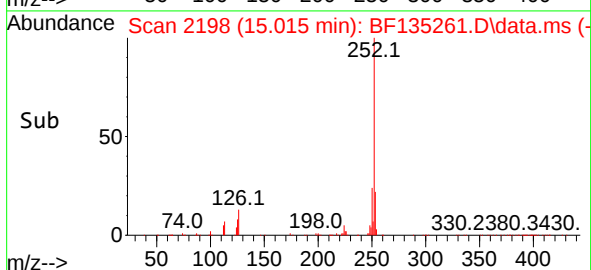
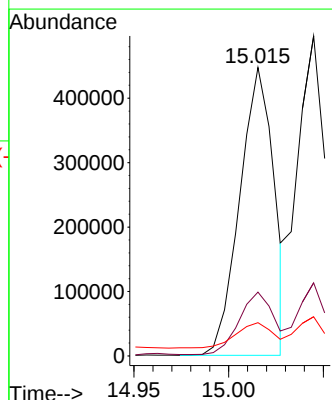
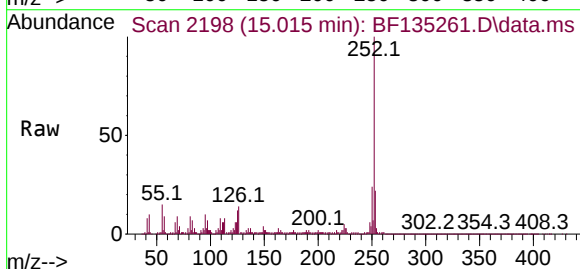
Tgt Ion:252 Resp: 561417

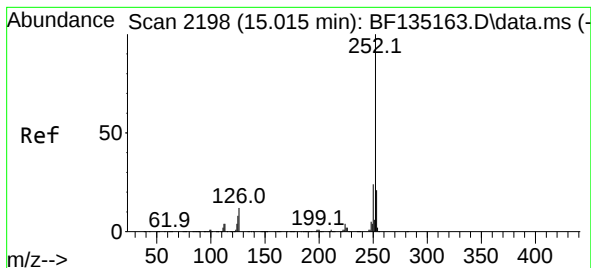
Ion Ratio Lower Upper

252 100

253 22.1 17.2 25.8

125 11.5 7.1 10.7#





#89

Benzo(k)fluoranthene

Concen: 39.826 ng

RT: 15.045 min Scan# 21

Delta R.T. 0.030 min

Lab File: BF135261.D

Acq: 14 Sep 2023 19:00

Instrument :

BNA\_F

ClientSampleId :

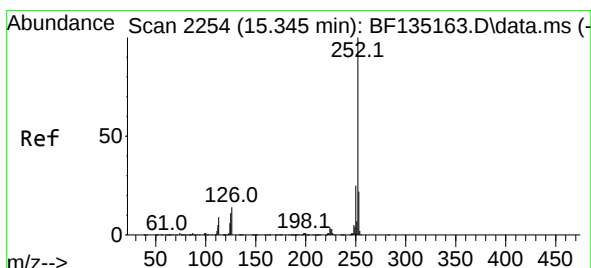
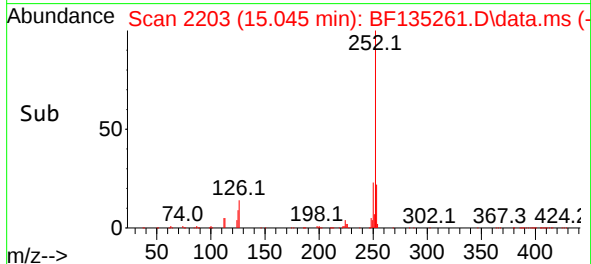
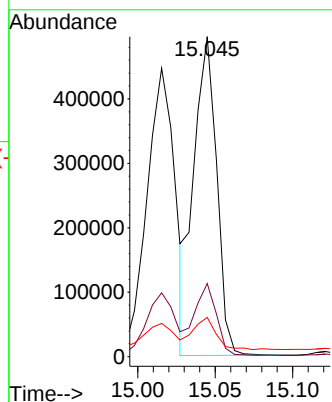
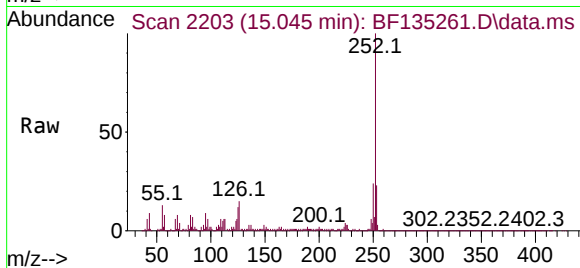
Tgt Ion:252 Resp: 508069

Ion Ratio Lower Upper

252 100

253 22.9 17.4 26.0

125 12.3 7.2 10.8#



#90

Benzo(a)pyrene

Concen: 40.102 ng

RT: 15.380 min Scan# 2260

Delta R.T. 0.035 min

Lab File: BF135261.D

Acq: 14 Sep 2023 19:00

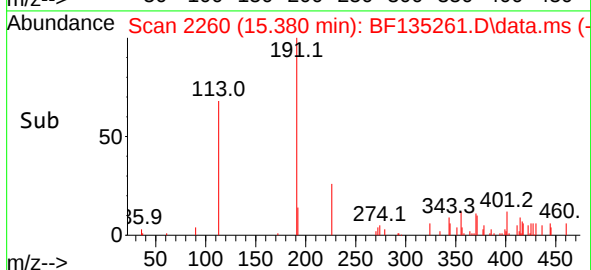
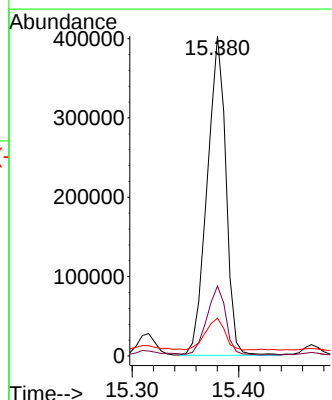
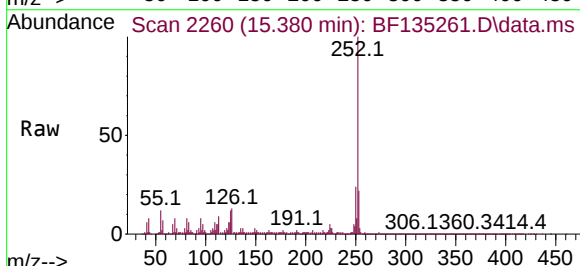
Tgt Ion:252 Resp: 493883

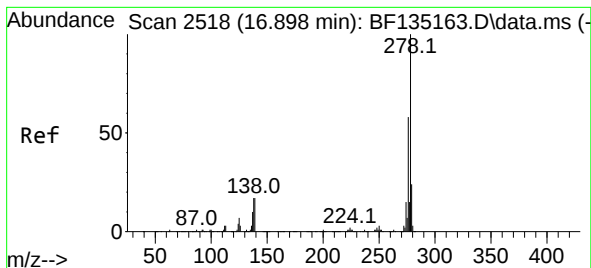
Ion Ratio Lower Upper

252 100

253 21.8 17.5 26.3

125 11.8 9.2 13.8





#91

Dibenzo(a,h)anthracene

Concen: 35.230 ng

RT: 16.933 min Scan# 2524

Delta R.T. 0.035 min

Lab File: BF135261.D

Acq: 14 Sep 2023 19:00

Instrument :

BNA\_F

ClientSampleId :

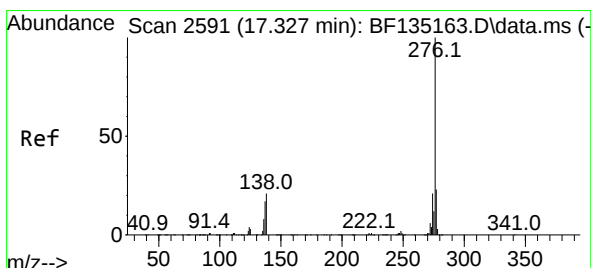
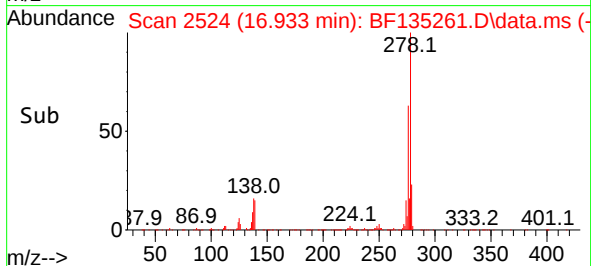
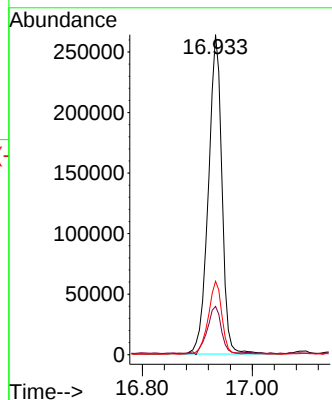
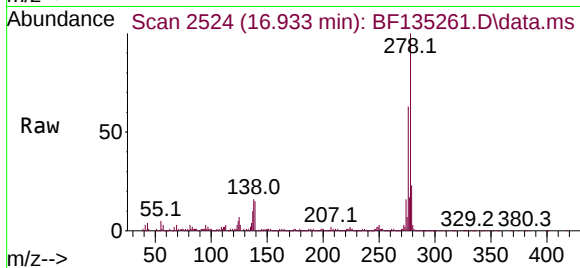
Tgt Ion:278 Resp: 450888

Ion Ratio Lower Upper

278 100

139 15.1 13.4 20.0

279 22.9 19.0 28.6



#92

Benzo(g,h,i)perylene

Concen: 32.248 ng

RT: 17.368 min Scan# 2598

Delta R.T. 0.041 min

Lab File: BF135261.D

Acq: 14 Sep 2023 19:00

Tgt Ion:276 Resp: 431038

Ion Ratio Lower Upper

276 100

277 23.2 18.8 28.2

138 20.0 16.9 25.3

