

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF091423\  
 Data File : BF135246.D  
 Acq On : 14 Sep 2023 10:56  
 Operator : CG\JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :

Quant Time: Sep 15 00:59:51 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  | 116897   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.045  | 136  | 471885   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.804  | 164  | 244728   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.298 | 188  | 478526   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 13.951 | 240  | 245023   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 15.415 | 264  | 233095   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.393  | 112  | 554160   | 77.103 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.410  | 99   | 718050   | 78.570 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.334  | 82   | 688633   | 79.284 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.598 | 330  | 192145   | 79.007 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.128  | 172  | 1202308  | 74.121 | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.892 | 244  | 1307796  | 82.741 | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.481  | 88   | 123696   | 39.259 | ng    | 99       |
| 3) Pyridine                   | 3.228  | 79   | 345940   | 40.795 | ng    | 97       |
| 4) n-Nitrosodimethylamine     | 3.199  | 42   | 187962   | 41.770 | ng    | 93       |
| 6) Aniline                    | 6.434  | 93   | 472602   | 39.435 | ng    | 97       |
| 8) 2-Chlorophenol             | 6.551  | 128  | 308254   | 40.177 | ng    | 99       |
| 9) Benzaldehyde               | 6.322  | 77   | 200900   | 38.588 | ng    | 99       |
| 10) Phenol                    | 6.422  | 94   | 392415   | 39.158 | ng    | 96       |
| 11) bis(2-Chloroethyl)ether   | 6.510  | 93   | 299993   | 39.908 | ng    | 98       |
| 12) 1,3-Dichlorobenzene       | 6.704  | 146  | 307786   | 39.473 | ng    | 99       |
| 13) 1,4-Dichlorobenzene       | 6.781  | 146  | 311676   | 39.288 | ng    | 98       |
| 14) 1,2-Dichlorobenzene       | 6.934  | 146  | 288428   | 39.151 | ng    | 99       |
| 15) Benzyl Alcohol            | 6.916  | 79   | 261650   | 39.898 | ng    | 99       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.045  | 45   | 564371   | 39.831 | ng    | 99       |
| 17) 2-Methylphenol            | 7.028  | 107  | 267059   | 39.444 | ng    | 98       |
| 18) Hexachloroethane          | 7.275  | 117  | 113978   | 38.884 | ng    | 97       |
| 19) n-Nitroso-di-n-propyla... | 7.187  | 70   | 218221   | 38.550 | ng    | 98       |
| 20) 3+4-Methylphenols         | 7.181  | 107  | 311133   | 38.216 | ng    | 95       |
| 22) Acetophenone              | 7.181  | 105  | 409513   | 37.958 | ng    | 98       |
| 24) Nitrobenzene              | 7.351  | 77   | 337108   | 39.268 | ng    | 99       |
| 25) Isophorone                | 7.592  | 82   | 626690   | 39.293 | ng    | 99       |
| 26) 2-Nitrophenol             | 7.669  | 139  | 165796   | 40.239 | ng    | 92       |
| 27) 2,4-Dimethylphenol        | 7.704  | 122  | 272474   | 39.343 | ng    | 99       |
| 28) bis(2-Chloroethoxy)met... | 7.804  | 93   | 374956   | 39.279 | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 7.910  | 162  | 251474   | 39.186 | ng    | 97       |
| 30) 1,2,4-Trichlorobenzene    | 7.987  | 180  | 259867   | 38.742 | ng    | 98       |
| 31) Naphthalene               | 8.069  | 128  | 899974   | 39.253 | ng    | 100      |
| 32) Benzoic acid              | 7.845  | 122  | 204251   | 39.165 | ng    | 99       |
| 33) 4-Chloroaniline           | 8.122  | 127  | 393272   | 39.096 | ng    | 99       |
| 34) Hexachlorobutadiene       | 8.181  | 225  | 160628   | 39.714 | ng    | 99       |
| 35) Caprolactam               | 8.504  | 113  | 89877    | 41.730 | ng    | 97       |
| 36) 4-Chloro-3-methylphenol   | 8.610  | 107  | 282057   | 39.545 | ng    | 97       |
| 37) 2-Methylnaphthalene       | 8.763  | 142  | 603475   | 39.157 | ng    | 99       |
| 38) 1-Methylnaphthalene       | 8.857  | 142  | 559972   | 38.809 | ng    | 100      |
| 40) 1,2,4,5-Tetrachloroben... | 8.928  | 216  | 274326   | 38.692 | ng    | 100      |
| 41) Hexachlorocyclopentadiene | 8.910  | 237  | 86151    | 32.415 | ng    | 98       |
| 43) 2,4,6-Trichlorophenol     | 9.039  | 196  | 185004   | 39.853 | ng    | 97       |

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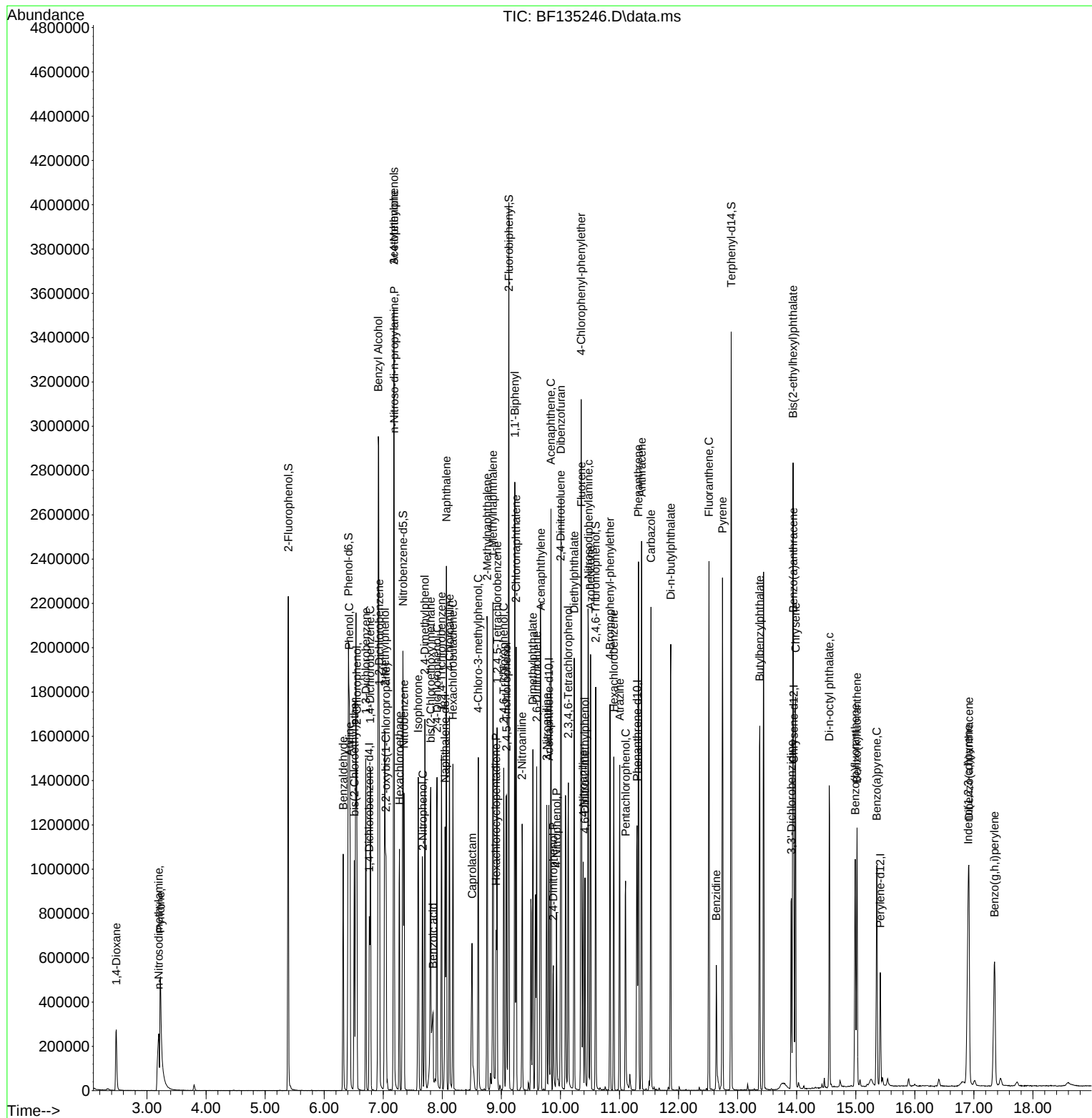
| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.086  | 196  | 208692   | 39.038 | ng    | 98       |
| 46) 1,1'-Biphenyl             | 9.228  | 154  | 730651   | 38.850 | ng    | 99       |
| 47) 2-Chloronaphthalene       | 9.251  | 162  | 527477   | 38.656 | ng    | 98       |
| 48) 2-Nitroaniline            | 9.351  | 65   | 212374   | 40.061 | ng    | 95       |
| 49) Acenaphthylene            | 9.669  | 152  | 873171   | 38.503 | ng    | 100      |
| 50) Dimethylphthalate         | 9.533  | 163  | 659011   | 39.829 | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 9.598  | 165  | 143740   | 39.656 | ng    | 94       |
| 52) Acenaphthene              | 9.839  | 154  | 522174   | 38.977 | ng    | 97       |
| 53) 3-Nitroaniline            | 9.769  | 138  | 166569   | 39.149 | ng    | 100      |
| 54) 2,4-Dinitrophenol         | 9.880  | 184  | 75458    | 40.054 | ng    | 95       |
| 55) Dibenzofuran              | 10.010 | 168  | 781684   | 38.236 | ng    | 97       |
| 56) 4-Nitrophenol             | 9.933  | 139  | 111752   | 41.326 | ng    | 99       |
| 57) 2,4-Dinitrotoluene        | 10.004 | 165  | 179322   | 39.517 | ng    | 90       |
| 58) Fluorene                  | 10.357 | 166  | 605095   | 38.501 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.133 | 232  | 168981   | 41.092 | ng    | 99       |
| 60) Diethylphthalate          | 10.233 | 149  | 665904   | 40.101 | ng    | 98       |
| 61) 4-Chlorophenyl-phenyle... | 10.351 | 204  | 291161   | 38.567 | ng    | 94       |
| 62) 4-Nitroaniline            | 10.386 | 138  | 167638   | 40.988 | ng    | 99       |
| 63) Azobenzene                | 10.510 | 77   | 642172   | 39.514 | ng    | 98       |
| 65) 4,6-Dinitro-2-methylph... | 10.416 | 198  | 105669   | 41.576 | ng    | 96       |
| 66) n-Nitrosodiphenylamine    | 10.475 | 169  | 565927   | 39.064 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 10.839 | 248  | 187780   | 39.455 | ng    | 94       |
| 68) Hexachlorobenzene         | 10.904 | 284  | 192890   | 39.782 | ng    | # 91     |
| 69) Atrazine                  | 11.004 | 200  | 152277   | 39.064 | ng    | 96       |
| 70) Pentachlorophenol         | 11.104 | 266  | 121245   | 41.795 | ng    | 99       |
| 71) Phenanthrene              | 11.322 | 178  | 877003   | 38.750 | ng    | 99       |
| 72) Anthracene                | 11.375 | 178  | 905080   | 38.906 | ng    | 99       |
| 73) Carbazole                 | 11.533 | 167  | 828696   | 39.131 | ng    | 99       |
| 74) Di-n-butylphthalate       | 11.869 | 149  | 1043190  | 41.804 | ng    | 100      |
| 75) Fluoranthene              | 12.516 | 202  | 958274   | 40.635 | ng    | 99       |
| 77) Benzidine                 | 12.639 | 184  | 217172   | 43.264 | ng    | 99       |
| 78) Pyrene                    | 12.745 | 202  | 955871   | 40.975 | ng    | 100      |
| 80) Butylbenzylphthalate      | 13.374 | 149  | 386954   | 47.112 | ng    | 96       |
| 81) Benzo(a)anthracene        | 13.945 | 228  | 611314   | 38.637 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 13.910 | 252  | 190410   | 38.529 | ng    | 98       |
| 83) Chrysene                  | 13.980 | 228  | 608535   | 38.685 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 13.939 | 149  | 444938   | 52.790 | ng    | 99       |
| 85) Di-n-octyl phthalate      | 14.551 | 149  | 650550   | 48.569 | ng    | 100      |
| 87) Indeno(1,2,3-cd)pyrene    | 16.904 | 276  | 620158   | 40.578 | ng    | 99       |
| 88) Benzo(b)fluoranthene      | 14.992 | 252  | 481462   | 38.156 | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 15.021 | 252  | 494843   | 39.700 | ng    | 100      |
| 90) Benzo(a)pyrene            | 15.357 | 252  | 483704   | 40.197 | ng    | 100      |
| 91) Dibenzo(a,h)anthracene    | 16.915 | 278  | 498402   | 39.856 | ng    | 99       |
| 92) Benzo(g,h,i)perylene      | 17.351 | 276  | 513115   | 39.290 | ng    | 99       |

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

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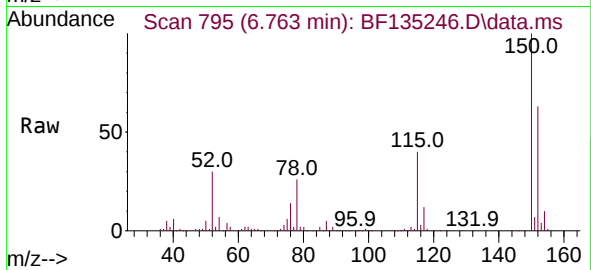
Quant Time: Sep 15 00:59:51 2023  
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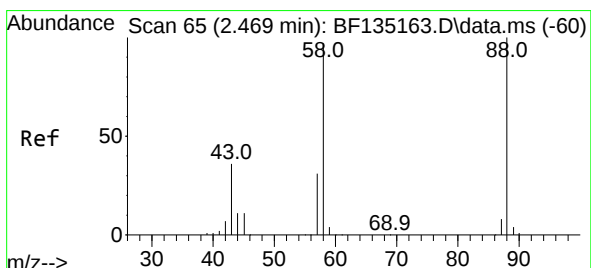
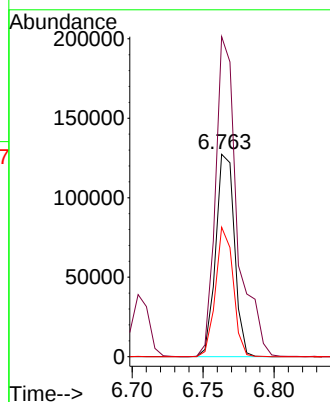
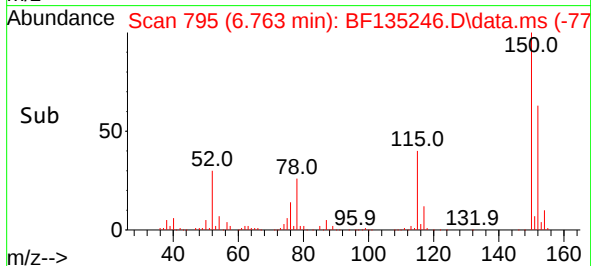


#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.763 min Scan# 79  
 Delta R.T. 0.000 min  
 Lab File: BF135246.D  
 Acq: 14 Sep 2023 10:56

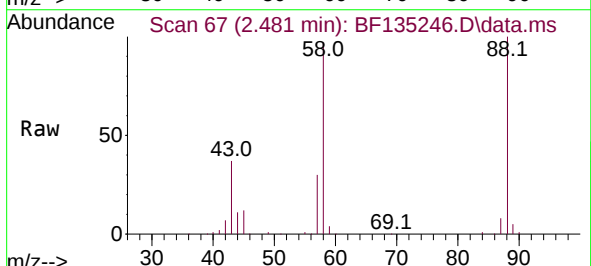
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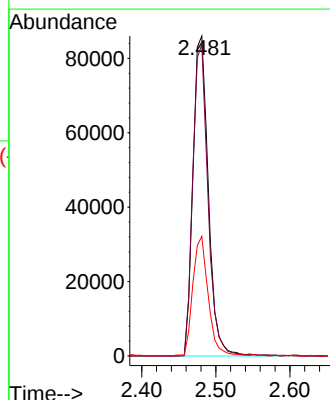
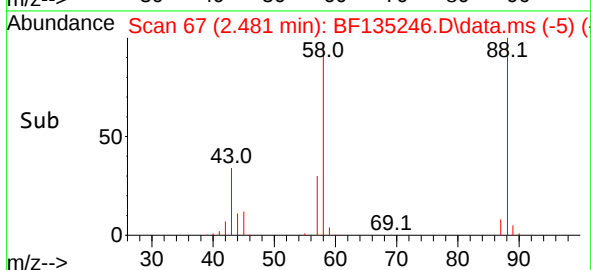
Tgt Ion:152 Resp: 116897  
 Ion Ratio Lower Upper  
 152 100  
 150 158.1 127.8 191.6  
 115 63.9 49.8 74.8



#2  
 1,4-Dioxane  
 Concen: 39.259 ng  
 RT: 2.481 min Scan# 67  
 Delta R.T. 0.012 min  
 Lab File: BF135246.D  
 Acq: 14 Sep 2023 10:56



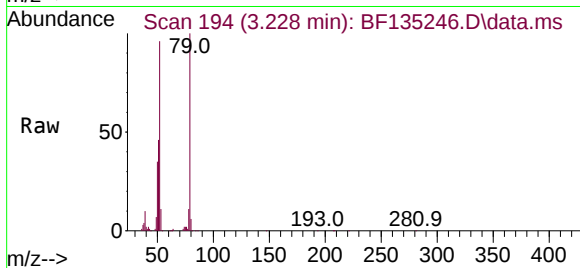
Tgt Ion: 88 Resp: 123696  
 Ion Ratio Lower Upper  
 88 100  
 58 96.5 78.3 117.5  
 43 37.5 29.4 44.0



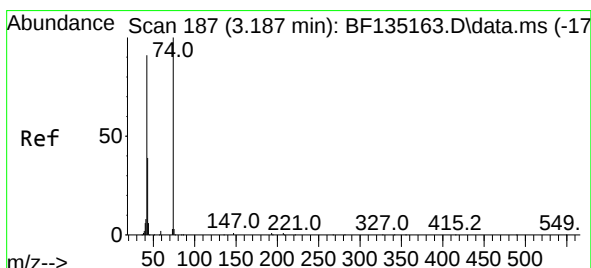
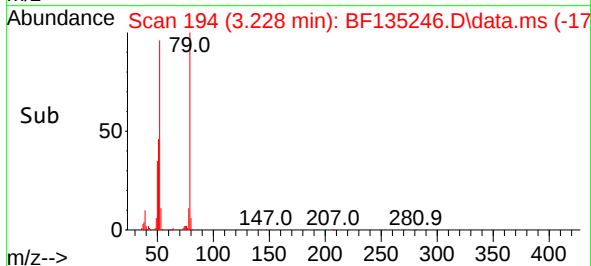
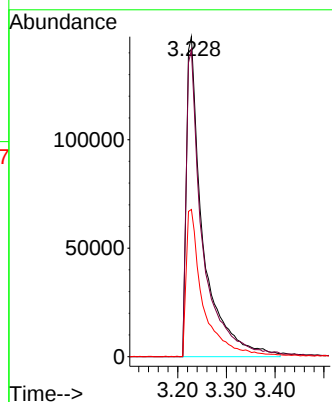


#3  
 Pyridine  
 Concen: 40.795 ng  
 RT: 3.228 min Scan# 192  
 Delta R.T. 0.012 min  
 Lab File: BF135246.D  
 Acq: 14 Sep 2023 10:56

Instrument :  
 BNA\_F  
 ClientSampleId :

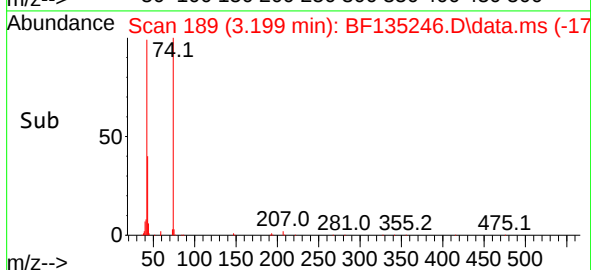
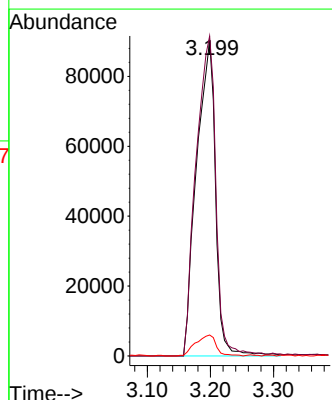
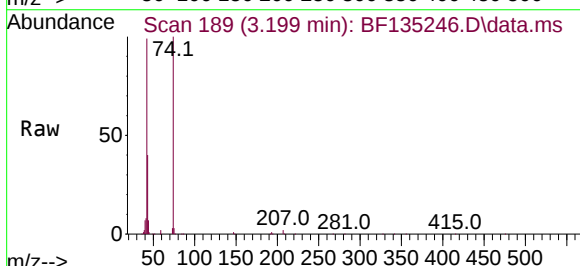


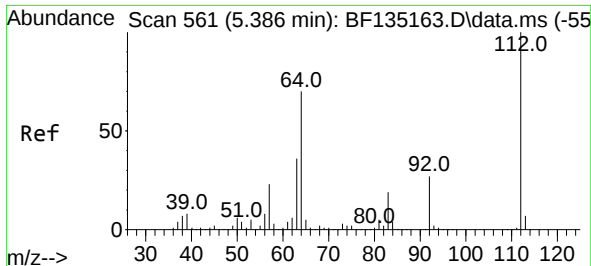
Tgt Ion: 79 Resp: 345940  
 Ion Ratio Lower Upper  
 79 100  
 52 95.9 74.1 111.1  
 51 46.0 35.8 53.8



#4  
 n-Nitrosodimethylamine  
 Concen: 41.770 ng  
 RT: 3.199 min Scan# 189  
 Delta R.T. 0.012 min  
 Lab File: BF135246.D  
 Acq: 14 Sep 2023 10:56

Tgt Ion: 42 Resp: 187962  
 Ion Ratio Lower Upper  
 42 100  
 74 101.4 87.7 131.5  
 44 6.6 5.6 8.4

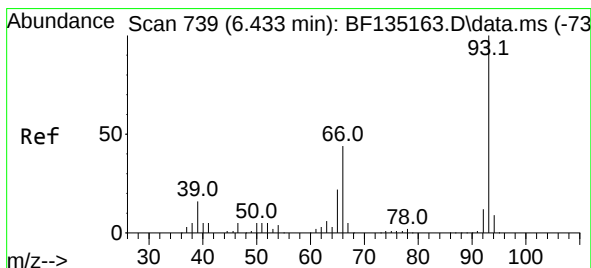
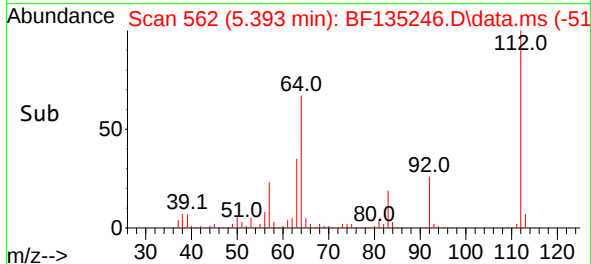
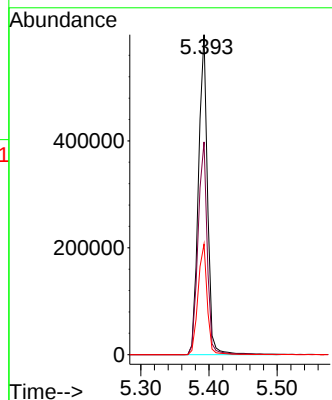
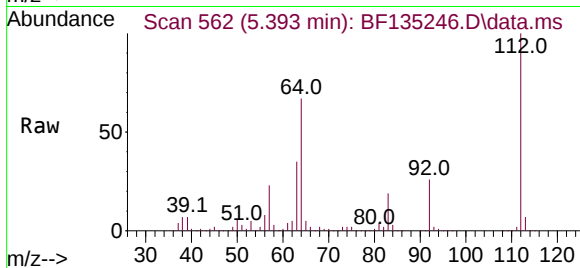




#5  
2-Fluorophenol  
Concen: 77.103 ng  
RT: 5.393 min Scan# 50  
Delta R.T. 0.006 min  
Lab File: BF135246.D  
Acq: 14 Sep 2023 10:56

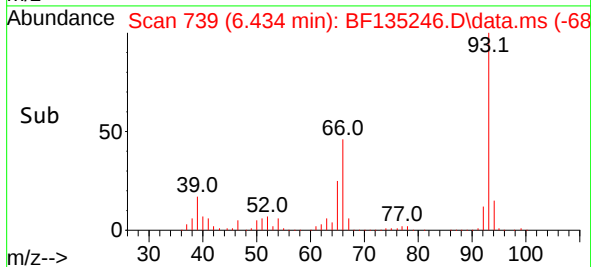
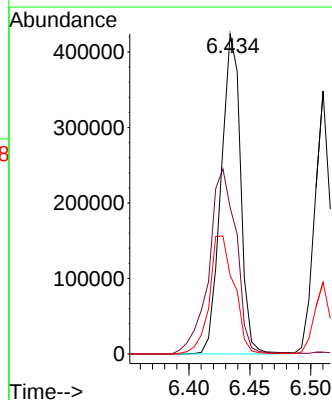
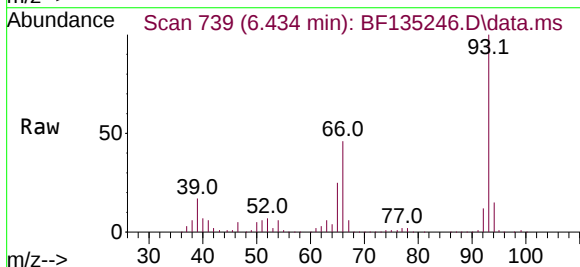
Instrument :  
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Tgt Ion:112 Resp: 554160  
Ion Ratio Lower Upper  
112 100  
64 66.5 55.9 83.9  
63 34.6 29.0 43.6



#6  
Aniline  
Concen: 39.435 ng  
RT: 6.434 min Scan# 739  
Delta R.T. 0.000 min  
Lab File: BF135246.D  
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Tgt Ion: 93 Resp: 472602  
Ion Ratio Lower Upper  
93 100  
66 45.8 35.4 53.0  
65 24.6 17.8 26.8





#7

Phenol-d6

Concen: 78.570 ng

RT: 6.410 min Scan# 71

Delta R.T. 0.006 min

Lab File: BF135246.D

Acq: 14 Sep 2023 10:56

Instrument :

BNA\_F

ClientSampleId :

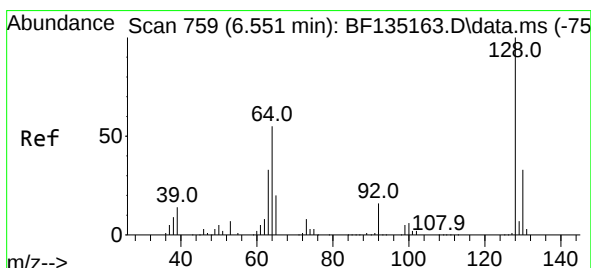
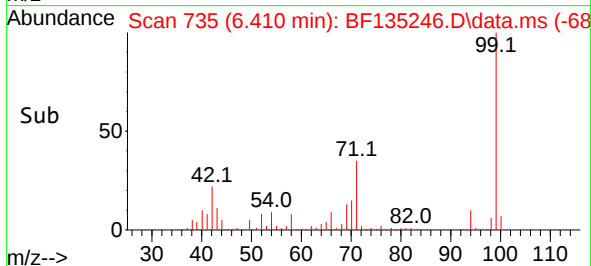
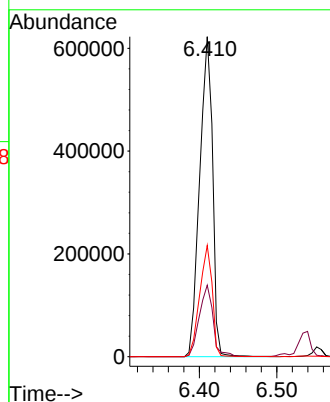
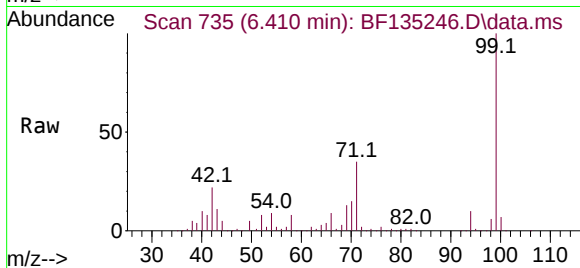
Tgt Ion: 99 Resp: 718050

Ion Ratio Lower Upper

99 100

42 22.3 17.9 26.9

71 34.7 27.0 40.6



#8

2-Chlorophenol

Concen: 40.177 ng

RT: 6.551 min Scan# 759

Delta R.T. 0.000 min

Lab File: BF135246.D

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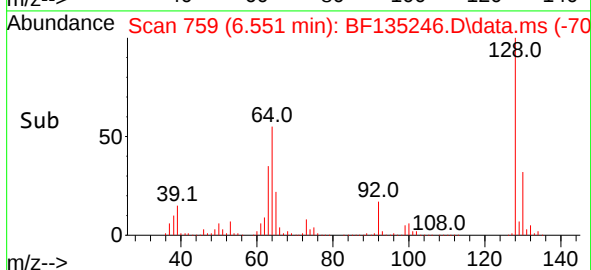
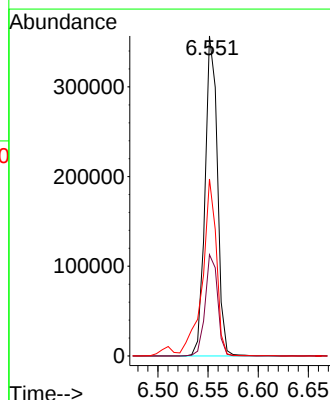
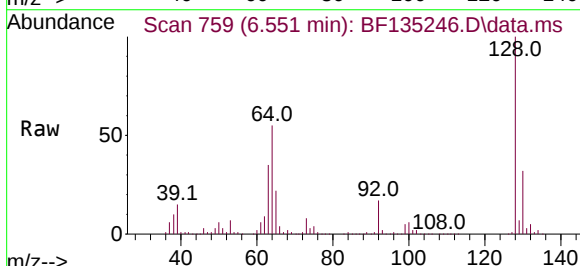
Tgt Ion:128 Resp: 308254

Ion Ratio Lower Upper

128 100

130 31.7 12.7 52.7

64 55.3 35.9 75.9





#9

Benzaldehyde

Concen: 38.588 ng

RT: 6.322 min Scan# 720

Delta R.T. 0.000 min

Lab File: BF135246.D

Acq: 14 Sep 2023 10:56

Instrument :

BNA\_F

ClientSampleId :

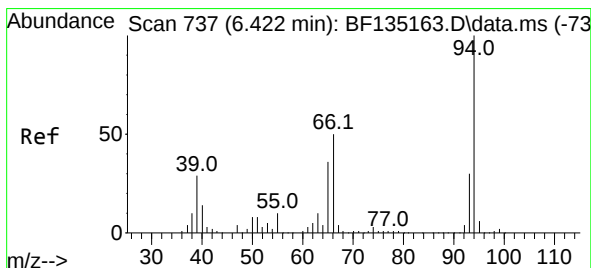
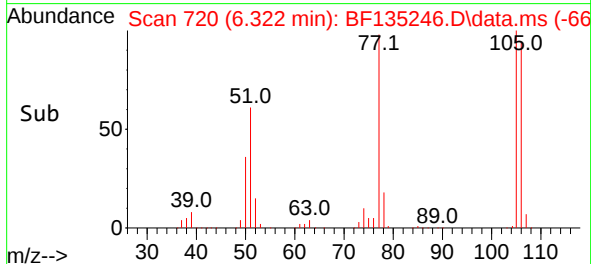
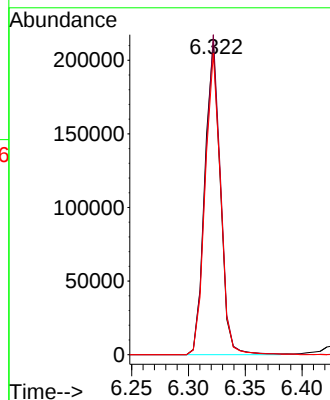
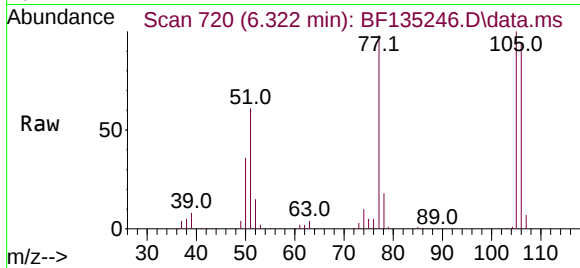
Tgt Ion: 77 Resp: 200900

Ion Ratio Lower Upper

77 100

105 102.2 81.4 121.4

106 96.2 76.9 116.9



#10

Phenol

Concen: 39.158 ng

RT: 6.422 min Scan# 737

Delta R.T. 0.000 min

Lab File: BF135246.D

Acq: 14 Sep 2023 10:56

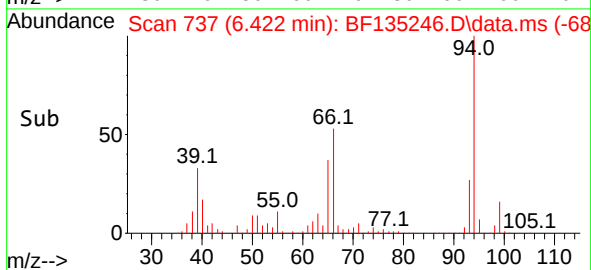
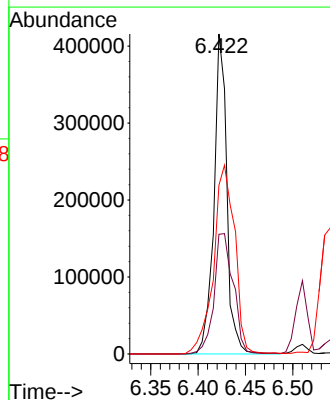
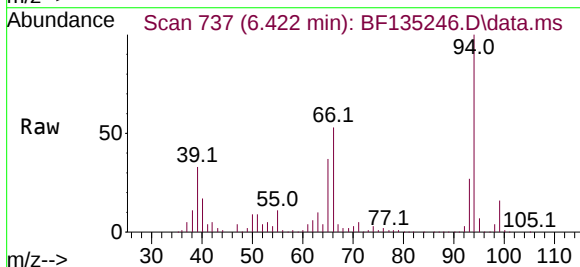
Tgt Ion: 94 Resp: 392415

Ion Ratio Lower Upper

94 100

65 37.4 15.9 55.9

66 52.7 29.8 69.8

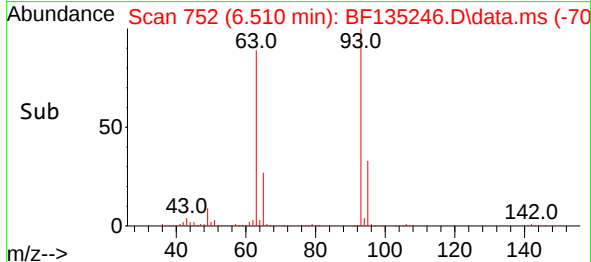
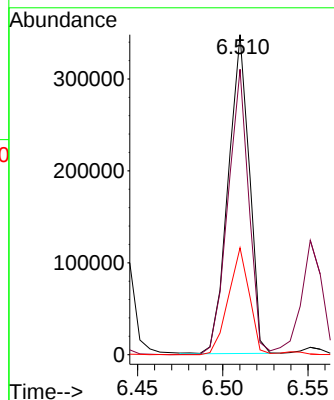
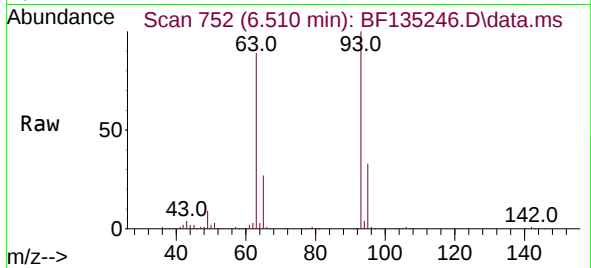




#11  
bis(2-Chloroethyl)ether  
Concen: 39.908 ng  
RT: 6.510 min Scan# 752  
Delta R.T. 0.000 min  
Lab File: BF135246.D  
Acq: 14 Sep 2023 10:56

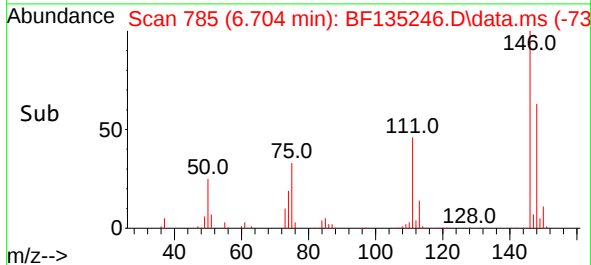
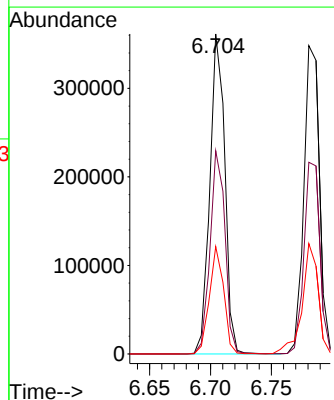
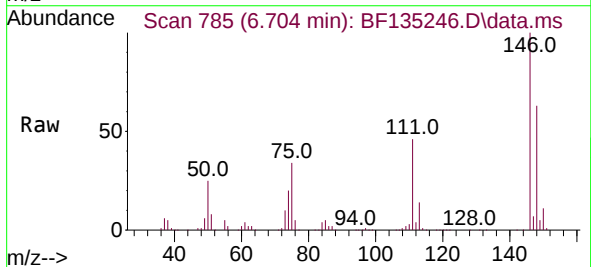
Instrument :  
BNA\_F  
ClientSampleId :

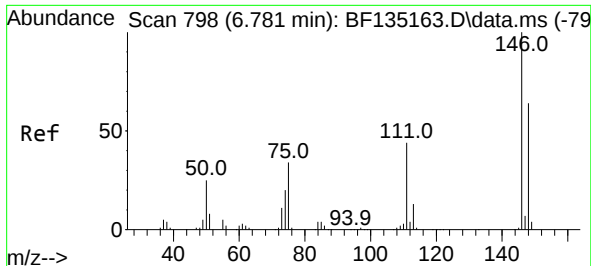
Tgt Ion: 93 Resp: 299993  
Ion Ratio Lower Upper  
93 100  
63 89.2 67.3 107.3  
95 33.4 12.7 52.7



#12  
1,3-Dichlorobenzene  
Concen: 39.473 ng  
RT: 6.704 min Scan# 785  
Delta R.T. 0.000 min  
Lab File: BF135246.D  
Acq: 14 Sep 2023 10:56

Tgt Ion:146 Resp: 307786  
Ion Ratio Lower Upper  
146 100  
148 63.5 51.3 76.9  
75 33.6 27.4 41.2





#13

1,4-Dichlorobenzene

Concen: 39.288 ng

RT: 6.781 min Scan# 798

Delta R.T. 0.000 min

Lab File: BF135246.D

Acq: 14 Sep 2023 10:56

Instrument :

BNA\_F

ClientSampleId :

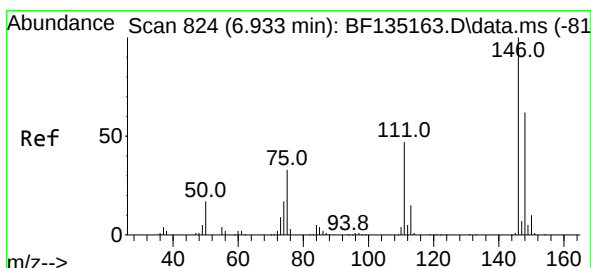
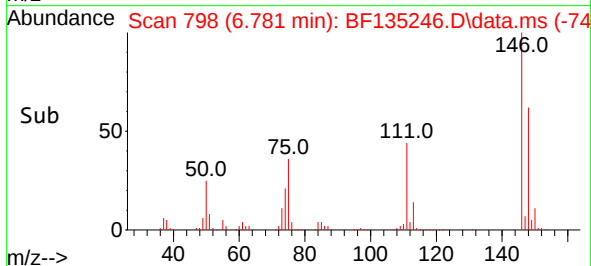
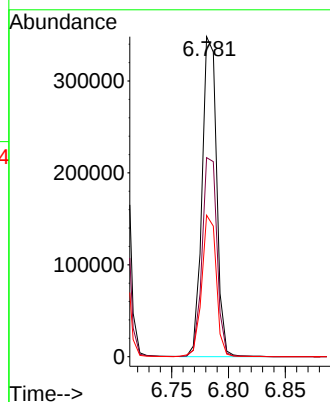
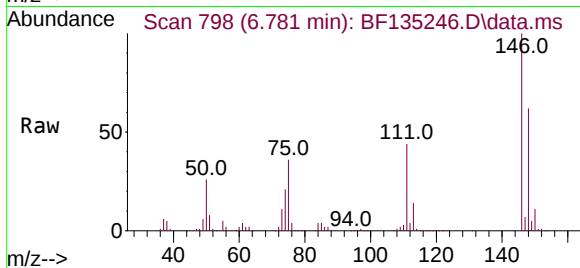
Tgt Ion:146 Resp: 311676

Ion Ratio Lower Upper

146 100

148 62.2 51.3 76.9

111 44.2 35.1 52.7



#14

1,2-Dichlorobenzene

Concen: 39.151 ng

RT: 6.934 min Scan# 824

Delta R.T. 0.000 min

Lab File: BF135246.D

Acq: 14 Sep 2023 10:56

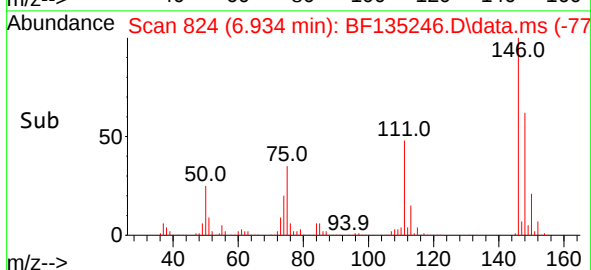
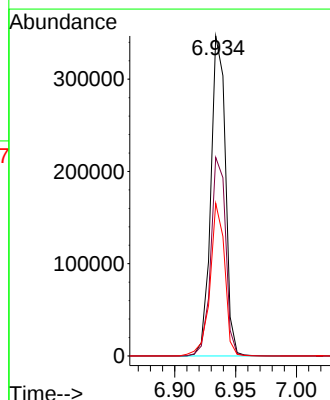
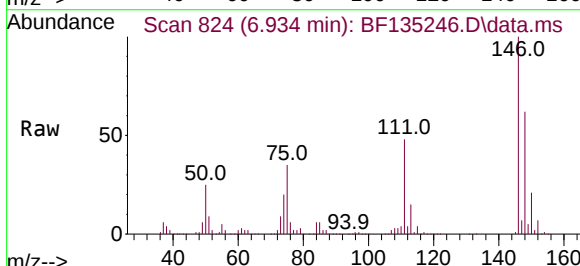
Tgt Ion:146 Resp: 288428

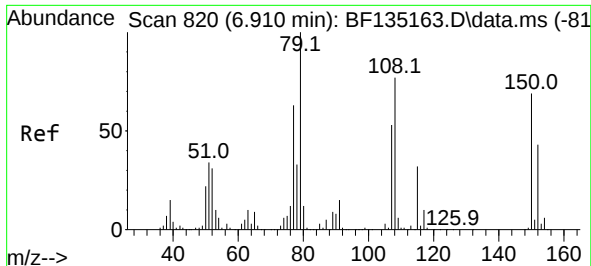
Ion Ratio Lower Upper

146 100

148 62.0 49.7 74.5

111 47.7 37.4 56.2

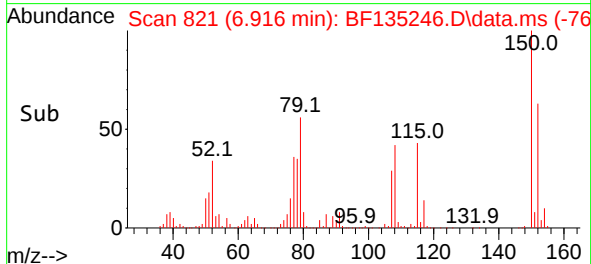
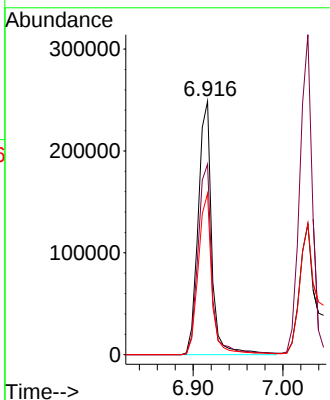
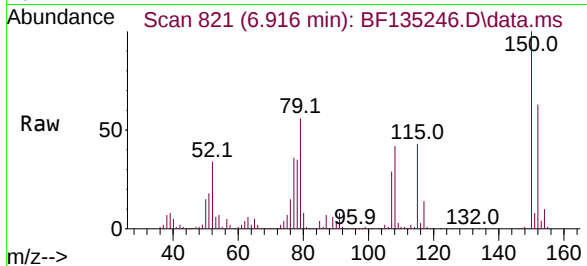




#15  
Benzyl Alcohol  
Concen: 39.898 ng  
RT: 6.916 min Scan# 81  
Delta R.T. 0.006 min  
Lab File: BF135246.D  
Acq: 14 Sep 2023 10:56

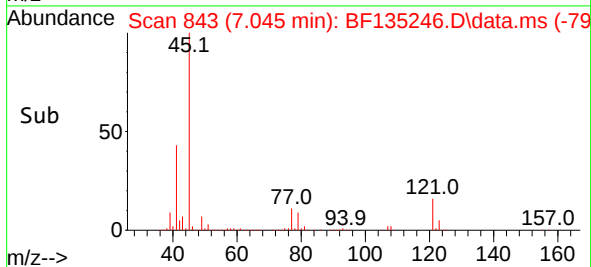
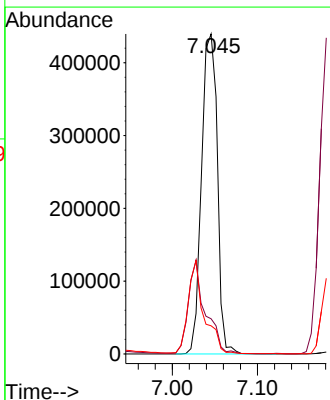
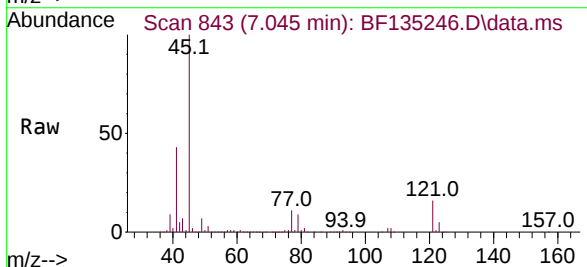
Instrument :  
BNA\_F  
ClientSampleId :

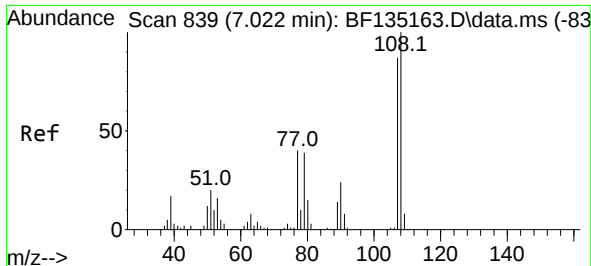
Tgt Ion: 79 Resp: 261650  
Ion Ratio Lower Upper  
79 100  
108 75.2 61.2 91.8  
77 63.6 50.5 75.7



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 39.831 ng  
RT: 7.045 min Scan# 843  
Delta R.T. 0.000 min  
Lab File: BF135246.D  
Acq: 14 Sep 2023 10:56

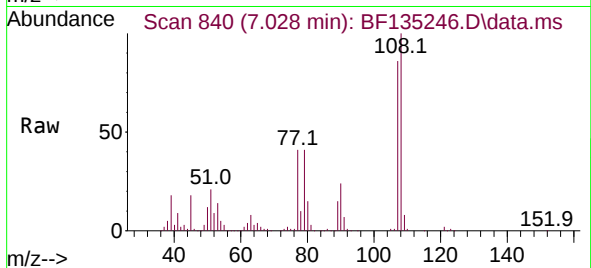
Tgt Ion: 45 Resp: 564371  
Ion Ratio Lower Upper  
45 100  
77 11.0 0.0 30.6  
79 8.8 0.0 28.3



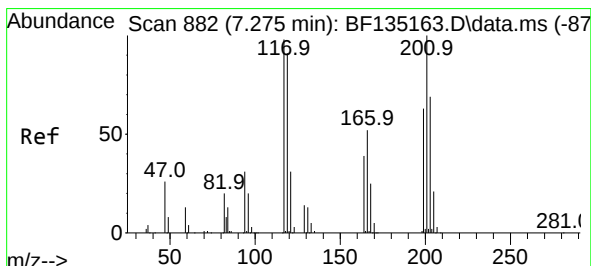
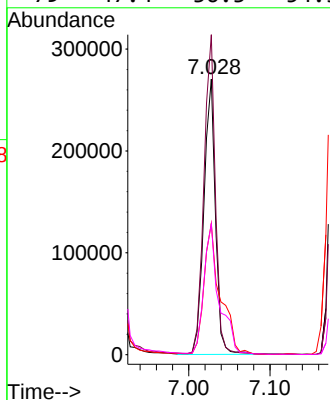
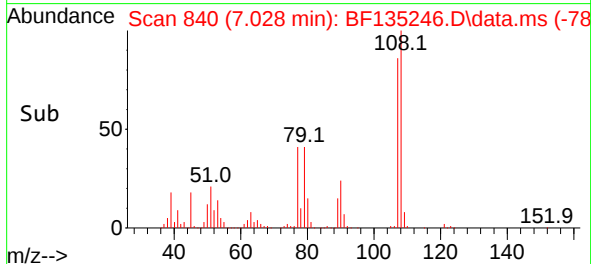


#17  
2-Methylphenol  
Concen: 39.444 ng  
RT: 7.028 min Scan# 840  
Delta R.T. 0.006 min  
Lab File: BF135246.D  
Acq: 14 Sep 2023 10:56

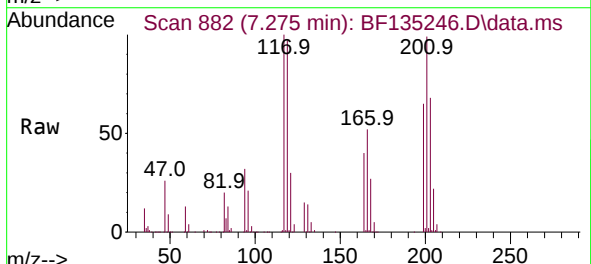
Instrument :  
BNA\_F  
ClientSampleId :



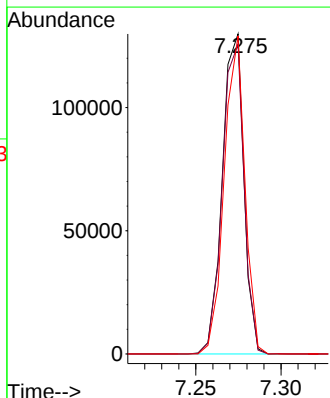
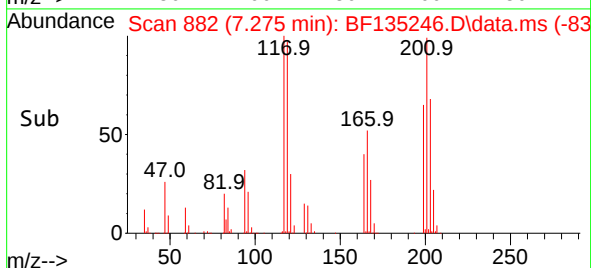
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 267059 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 116.1 | 92.0  | 138.0  |
| 77       | 47.6  | 36.7  | 55.1   |
| 79       | 47.4  | 36.3  | 54.5   |



#18  
Hexachloroethane  
Concen: 38.884 ng  
RT: 7.275 min Scan# 882  
Delta R.T. 0.000 min  
Lab File: BF135246.D  
Acq: 14 Sep 2023 10:56



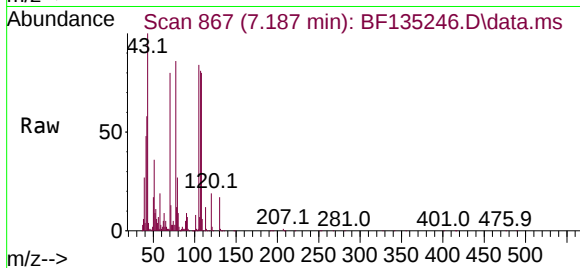
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 113978 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 96.8  | 74.7  | 112.1  |
| 201      | 99.4  | 81.8  | 122.8  |



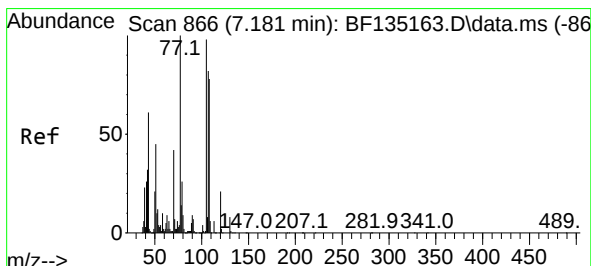
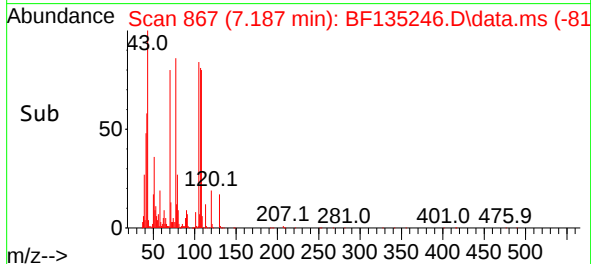
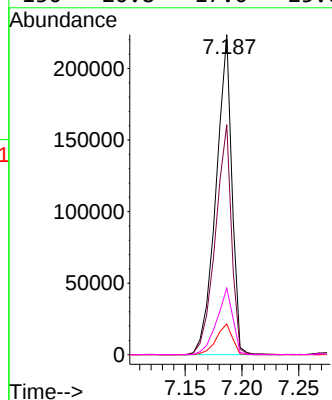


#19  
n-Nitroso-di-n-propylamine  
Concen: 38.550 ng  
RT: 7.187 min Scan# 80  
Delta R.T. 0.000 min  
Lab File: BF135246.D  
Acq: 14 Sep 2023 10:56

Instrument :  
BNA\_F  
ClientSampleId :

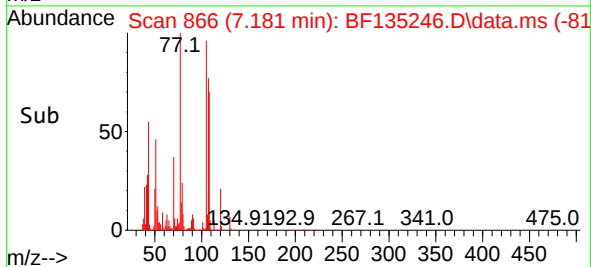
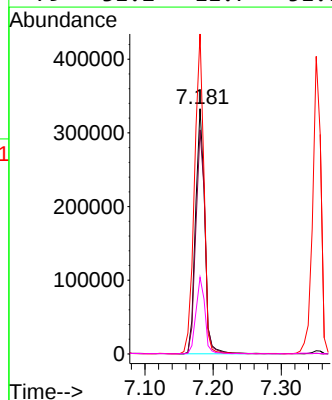
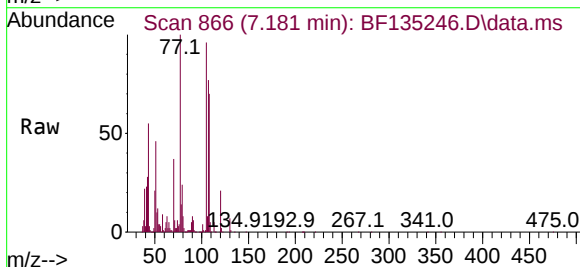


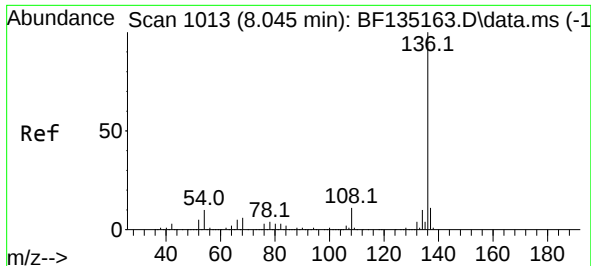
| Tgt Ion: | 70    | Resp: | 218221 |
|----------|-------|-------|--------|
| Ion      | Ratio | Lower | Upper  |
| 70       | 100   |       |        |
| 42       | 71.9  | 55.4  | 83.0   |
| 101      | 9.6   | 7.7   | 11.5   |
| 130      | 20.8  | 17.0  | 25.6   |



#20  
3+4-Methylphenols  
Concen: 38.216 ng  
RT: 7.181 min Scan# 866  
Delta R.T. 0.000 min  
Lab File: BF135246.D  
Acq: 14 Sep 2023 10:56

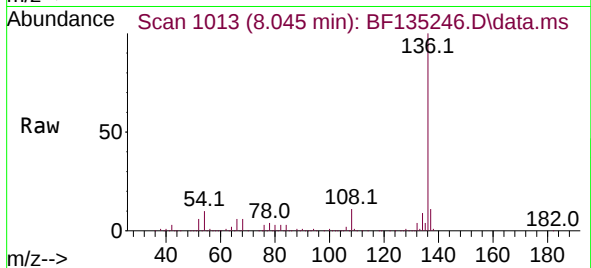
| Tgt Ion: | 107   | Resp: | 311133 |
|----------|-------|-------|--------|
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 91.4  | 74.7  | 114.7  |
| 77       | 130.5 | 102.0 | 142.0  |
| 79       | 31.2  | 11.7  | 51.7   |



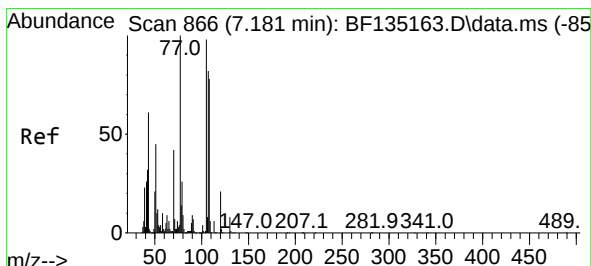
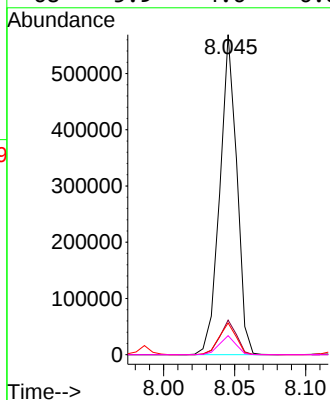
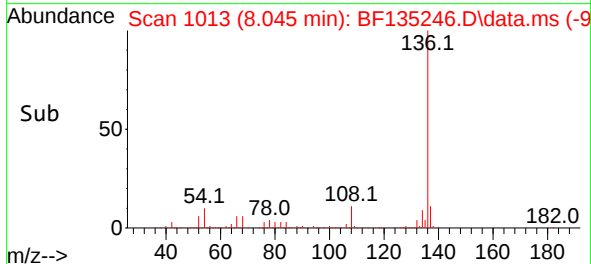


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.045 min Scan# 1013  
Delta R.T. 0.000 min  
Lab File: BF135246.D  
Acq: 14 Sep 2023 10:56

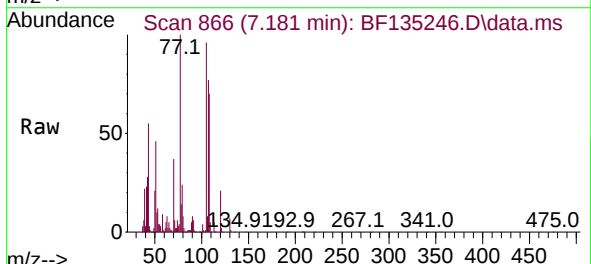
Instrument :  
BNA\_F  
ClientSampleId :



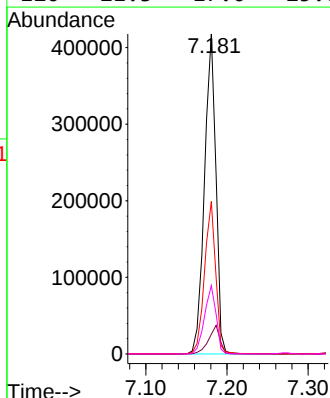
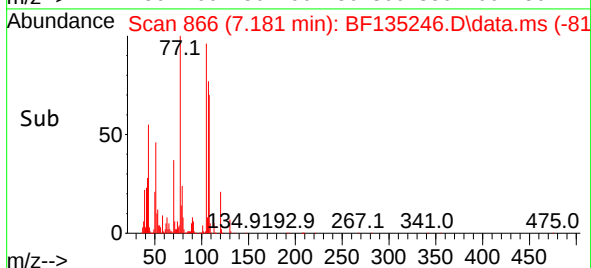
Tgt Ion:136 Resp: 471885  
Ion Ratio Lower Upper  
136 100  
137 10.8 8.8 13.2  
54 9.9 7.7 11.5  
68 5.9 4.6 6.8



#22  
Acetophenone  
Concen: 37.958 ng  
RT: 7.181 min Scan# 866  
Delta R.T. 0.000 min  
Lab File: BF135246.D  
Acq: 14 Sep 2023 10:56



Tgt Ion:105 Resp: 409513  
Ion Ratio Lower Upper  
105 100  
71 6.2 5.8 8.6  
51 47.6 37.0 55.4  
120 21.3 17.0 25.6





#23

Nitrobenzene-d5

Concen: 79.284 ng

RT: 7.334 min Scan# 892

Delta R.T. 0.000 min

Lab File: BF135246.D

Acq: 14 Sep 2023 10:56

Instrument :

BNA\_F

ClientSampleId :

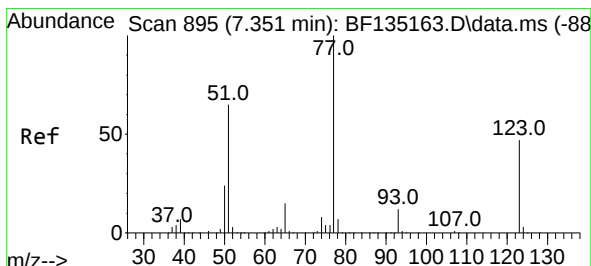
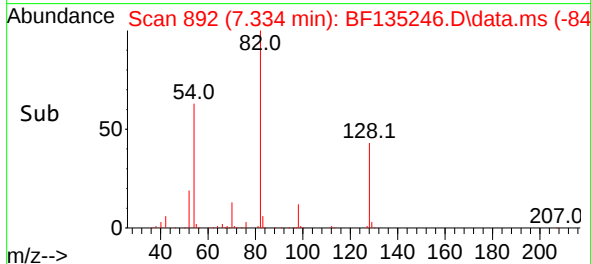
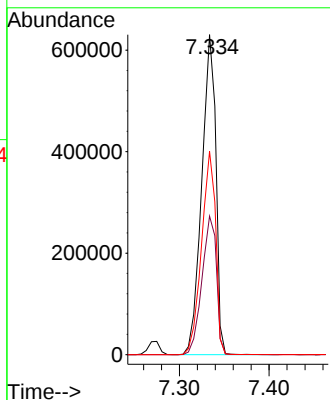
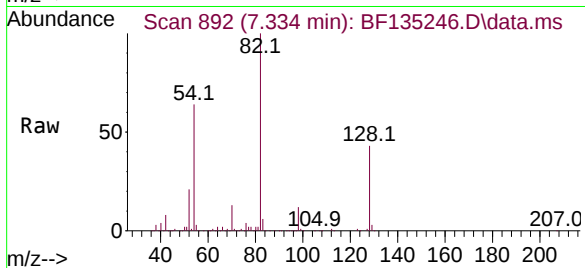
Tgt Ion: 82 Resp: 688633

Ion Ratio Lower Upper

82 100

128 43.3 35.8 53.6

54 63.5 50.6 76.0



#24

Nitrobenzene

Concen: 39.268 ng

RT: 7.351 min Scan# 895

Delta R.T. 0.000 min

Lab File: BF135246.D

Acq: 14 Sep 2023 10:56

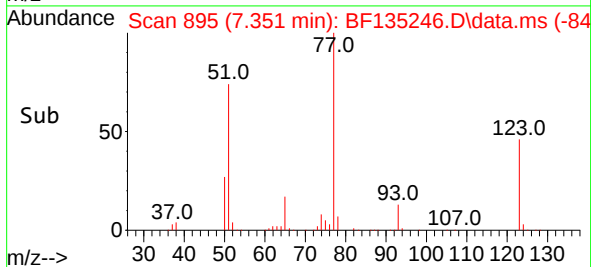
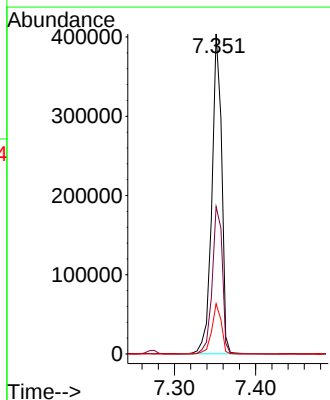
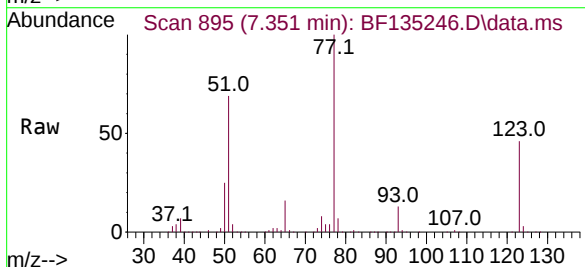
Tgt Ion: 77 Resp: 337108

Ion Ratio Lower Upper

77 100

123 46.0 37.6 56.4

65 15.7 12.2 18.4

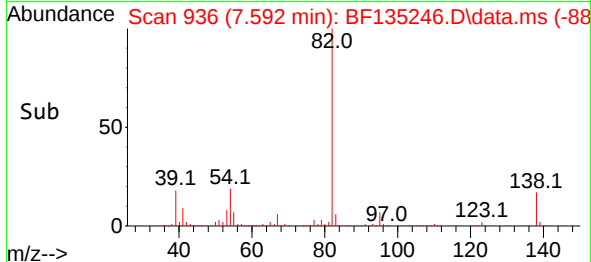
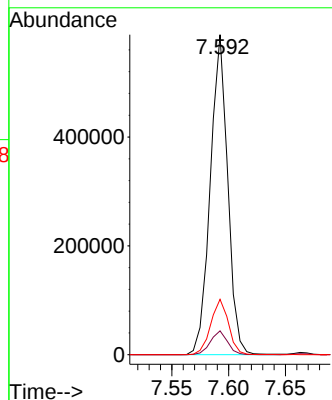
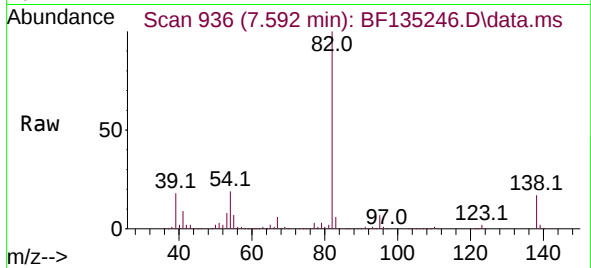




#25  
Isophorone  
Concen: 39.293 ng  
RT: 7.592 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: BF135246.D  
Acq: 14 Sep 2023 10:56

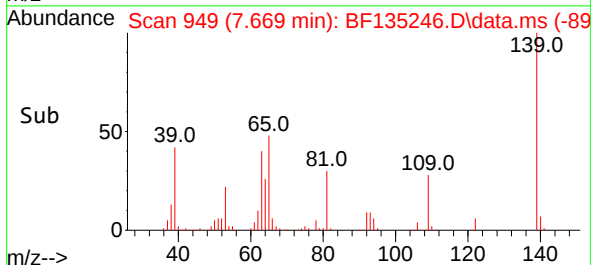
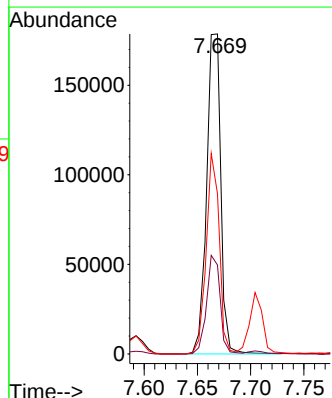
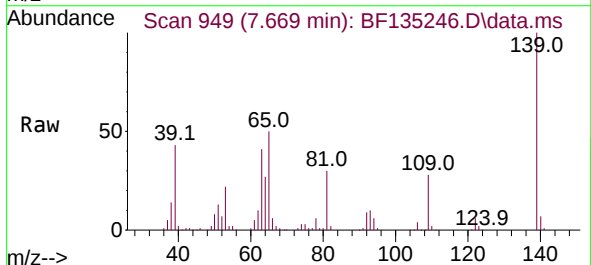
Instrument :  
BNA\_F  
ClientSampleId :

Tgt Ion: 82 Resp: 626690  
Ion Ratio Lower Upper  
82 100  
95 7.4 6.0 9.0  
138 17.3 14.5 21.7



#26  
2-Nitrophenol  
Concen: 40.239 ng  
RT: 7.669 min Scan# 949  
Delta R.T. 0.006 min  
Lab File: BF135246.D  
Acq: 14 Sep 2023 10:56

Tgt Ion:139 Resp: 165796  
Ion Ratio Lower Upper  
139 100  
109 27.8 22.6 33.8  
65 50.1 47.0 70.4





#27

2,4-Dimethylphenol

Concen: 39.343 ng

RT: 7.704 min Scan# 91

Delta R.T. 0.000 min

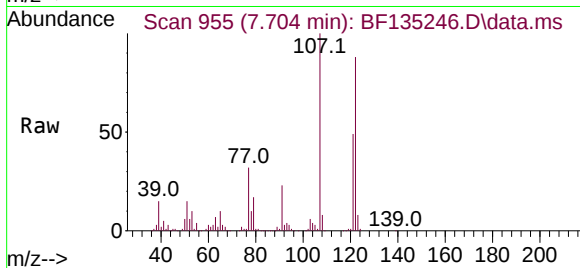
Lab File: BF135246.D

Acq: 14 Sep 2023 10:56

Instrument :

BNA\_F

ClientSampleId :



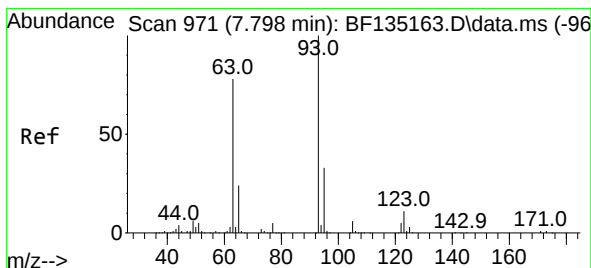
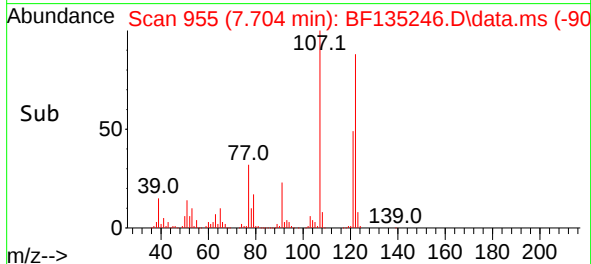
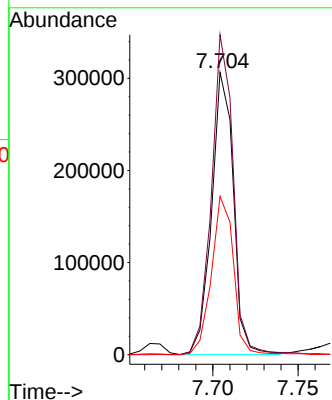
Tgt Ion:122 Resp: 272474

Ion Ratio Lower Upper

122 100

107 113.4 90.2 135.4

121 56.1 46.3 69.5



#28

bis(2-Chloroethoxy)methane

Concen: 39.279 ng

RT: 7.804 min Scan# 972

Delta R.T. 0.006 min

Lab File: BF135246.D

Acq: 14 Sep 2023 10:56

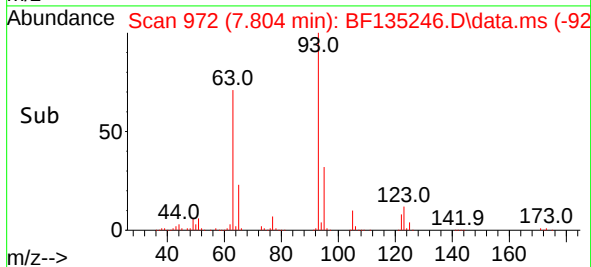
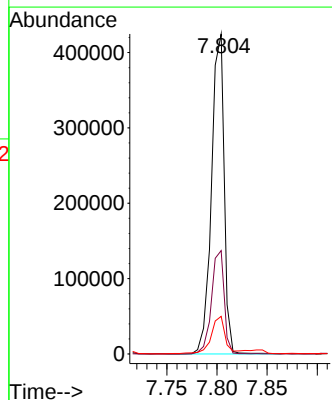
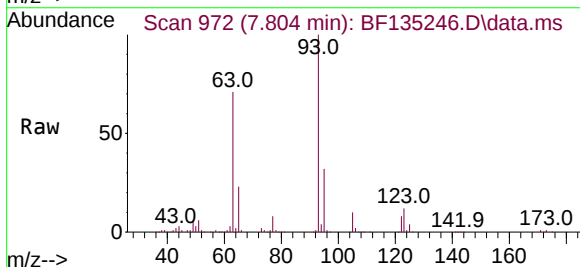
Tgt Ion: 93 Resp: 374956

Ion Ratio Lower Upper

93 100

95 32.3 26.2 39.2

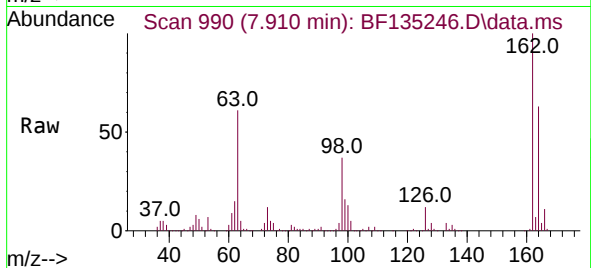
123 11.8 8.8 13.2



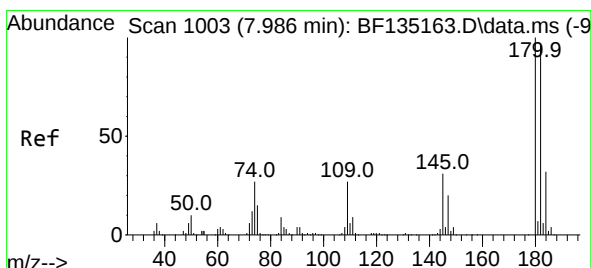
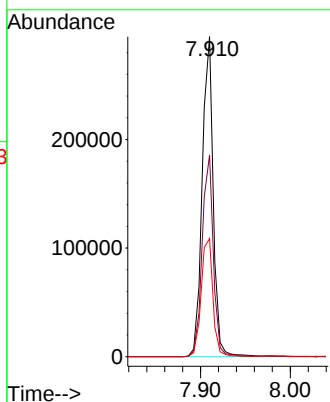
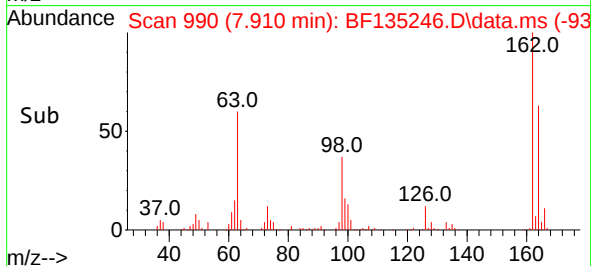


#29  
2,4-Dichlorophenol  
Concen: 39.186 ng  
RT: 7.910 min Scan# 990  
Delta R.T. 0.006 min  
Lab File: BF135246.D  
Acq: 14 Sep 2023 10:56

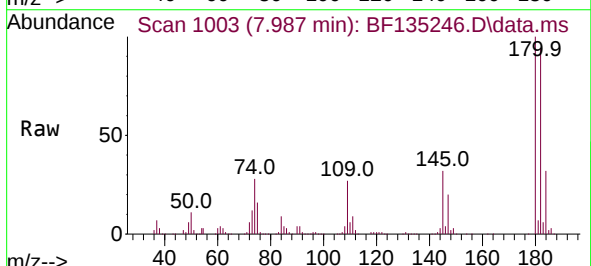
Instrument :  
BNA\_F  
ClientSampleId :



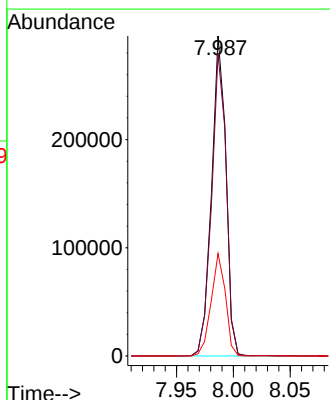
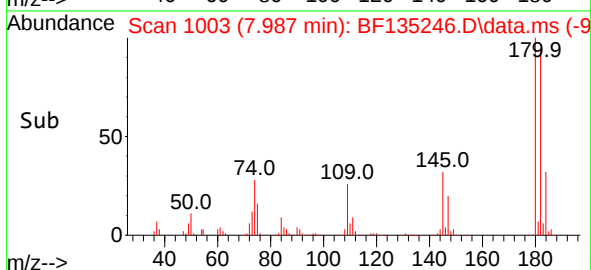
Tgt Ion:162 Resp: 251474  
Ion Ratio Lower Upper  
162 100  
164 63.1 44.1 84.1  
98 36.9 20.3 60.3

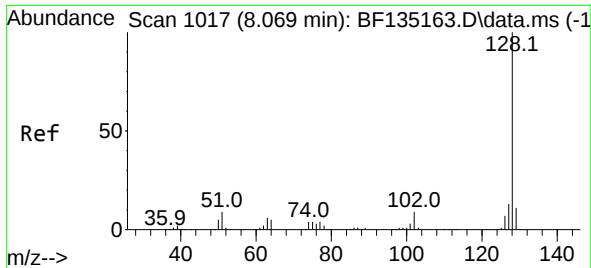


#30  
1,2,4-Trichlorobenzene  
Concen: 38.742 ng  
RT: 7.987 min Scan# 1003  
Delta R.T. 0.000 min  
Lab File: BF135246.D  
Acq: 14 Sep 2023 10:56



Tgt Ion:180 Resp: 259867  
Ion Ratio Lower Upper  
180 100  
182 94.5 76.9 115.3  
145 32.0 24.5 36.7

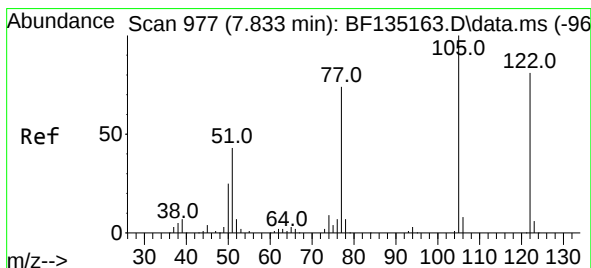
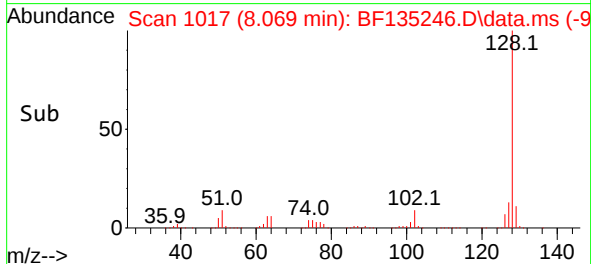
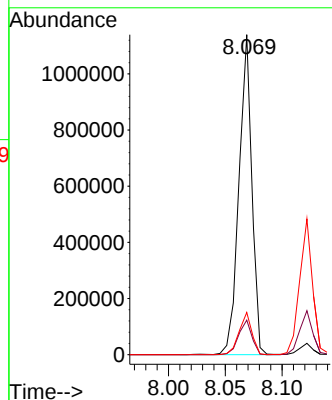
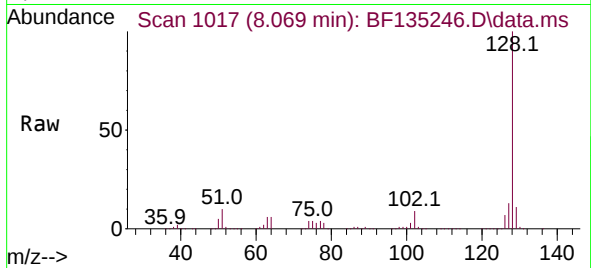




#31  
Naphthalene  
Concen: 39.253 ng  
RT: 8.069 min Scan# 1017  
Delta R.T. 0.000 min  
Lab File: BF135246.D  
Acq: 14 Sep 2023 10:56

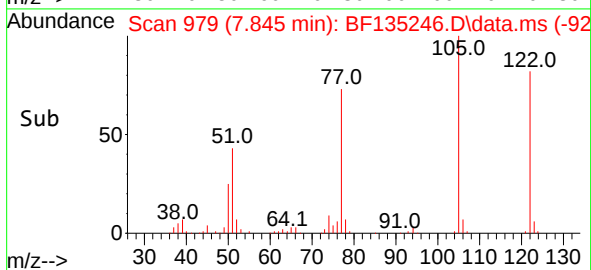
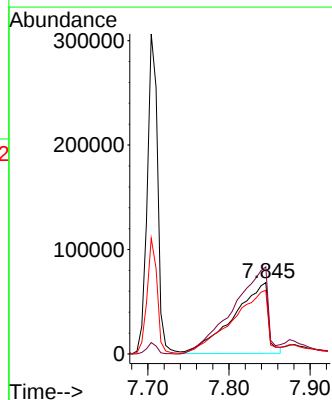
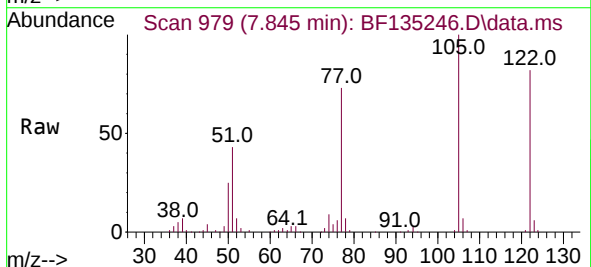
Instrument :  
BNA\_F  
ClientSampleId :

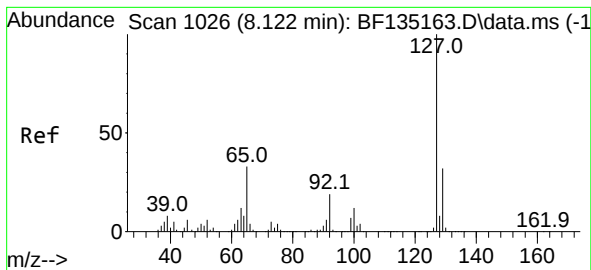
Tgt Ion:128 Resp: 899974  
Ion Ratio Lower Upper  
128 100  
129 10.8 8.7 13.1  
127 13.2 10.7 16.1



#32  
Benzoic acid  
Concen: 39.165 ng  
RT: 7.845 min Scan# 979  
Delta R.T. 0.012 min  
Lab File: BF135246.D  
Acq: 14 Sep 2023 10:56

Tgt Ion:122 Resp: 204251  
Ion Ratio Lower Upper  
122 100  
105 121.9 99.9 139.9  
77 89.2 70.0 110.0





#33

4-Chloroaniline

Concen: 39.096 ng

RT: 8.122 min Scan# 1026

Delta R.T. 0.000 min

Lab File: BF135246.D

Acq: 14 Sep 2023 10:56

Instrument :

BNA\_F

ClientSampleId :

Tgt Ion:127 Resp: 393272

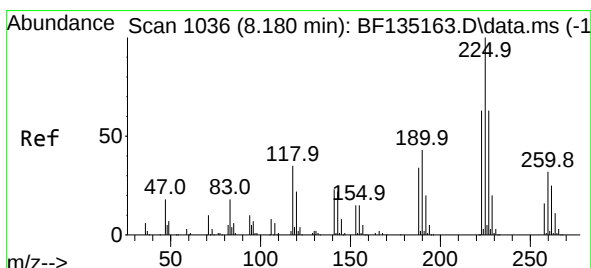
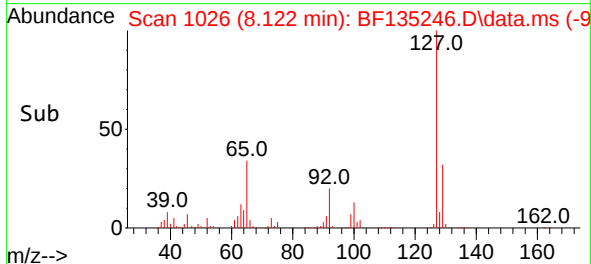
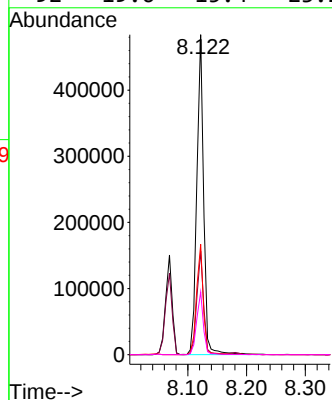
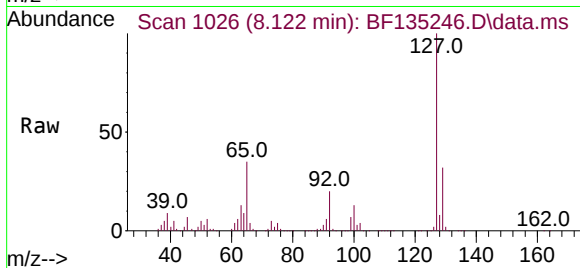
Ion Ratio Lower Upper

127 100

129 32.4 25.8 38.8

65 34.5 26.6 39.8

92 19.6 15.4 23.2



#34

Hexachlorobutadiene

Concen: 39.714 ng

RT: 8.181 min Scan# 1036

Delta R.T. 0.000 min

Lab File: BF135246.D

Acq: 14 Sep 2023 10:56

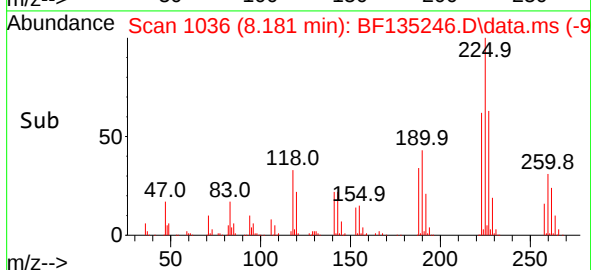
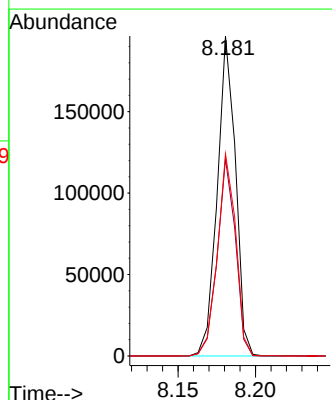
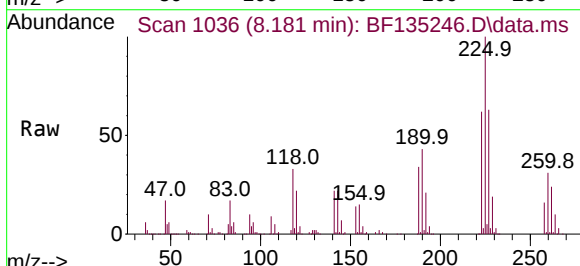
Tgt Ion:225 Resp: 160628

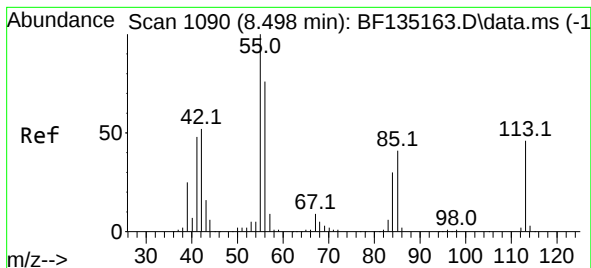
Ion Ratio Lower Upper

225 100

223 61.6 50.6 75.8

227 63.2 50.8 76.2





#35

Caprolactam

Concen: 41.730 ng

RT: 8.504 min Scan# 1109

Delta R.T. 0.006 min

Lab File: BF135246.D

Acq: 14 Sep 2023 10:56

Instrument :

BNA\_F

ClientSampleId :

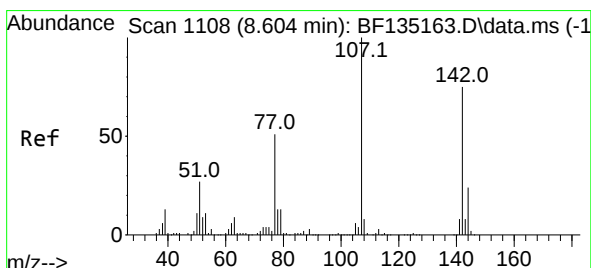
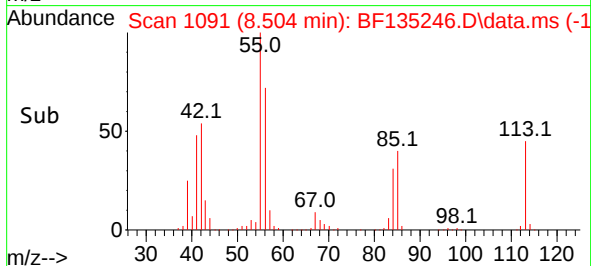
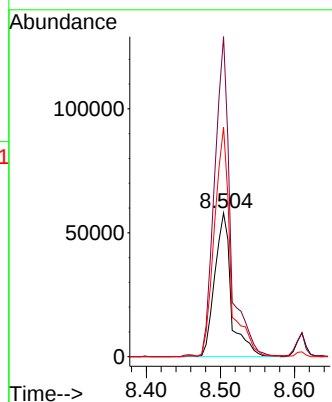
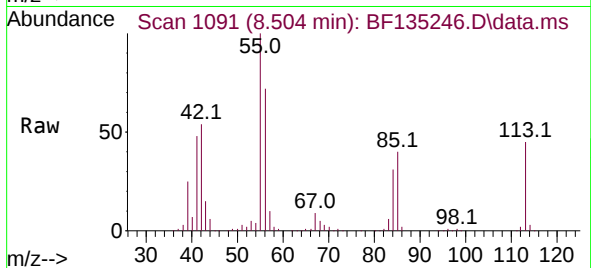
Tgt Ion:113 Resp: 89877

Ion Ratio Lower Upper

113 100

55 222.6 199.3 239.3

56 159.7 146.3 186.3



#36

4-Chloro-3-methylphenol

Concen: 39.545 ng

RT: 8.610 min Scan# 1109

Delta R.T. 0.006 min

Lab File: BF135246.D

Acq: 14 Sep 2023 10:56

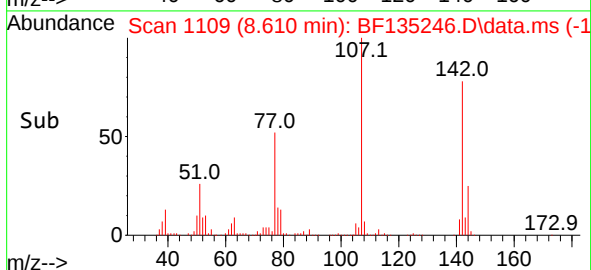
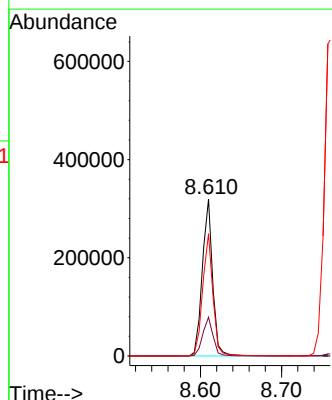
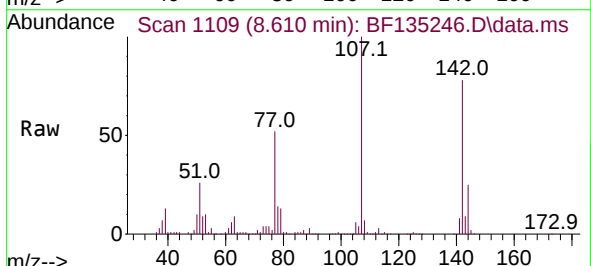
Tgt Ion:107 Resp: 282057

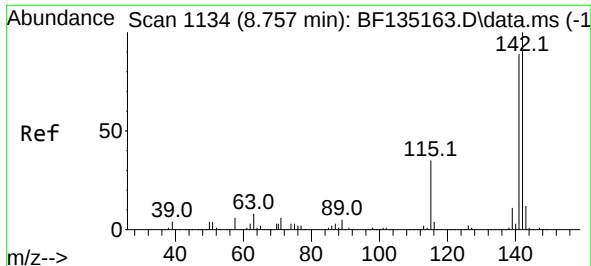
Ion Ratio Lower Upper

107 100

144 24.7 19.0 28.4

142 78.0 60.2 90.2





#37

2-Methylnaphthalene

Concen: 39.157 ng

RT: 8.763 min Scan# 1134

Delta R.T. 0.006 min

Lab File: BF135246.D

Acq: 14 Sep 2023 10:56

Instrument :

BNA\_F

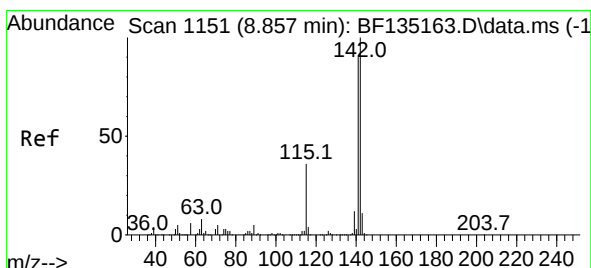
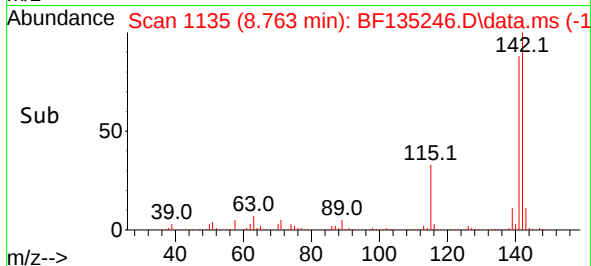
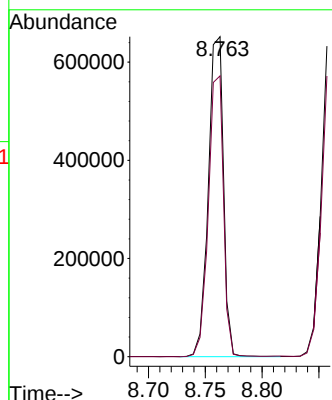
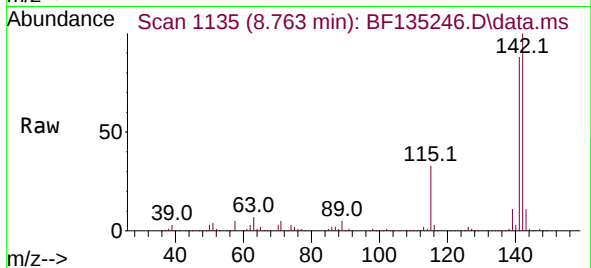
ClientSampleId :

Tgt Ion:142 Resp: 603475

Ion Ratio Lower Upper

142 100

141 87.7 71.0 106.6



#38

1-Methylnaphthalene

Concen: 38.809 ng

RT: 8.857 min Scan# 1151

Delta R.T. 0.000 min

Lab File: BF135246.D

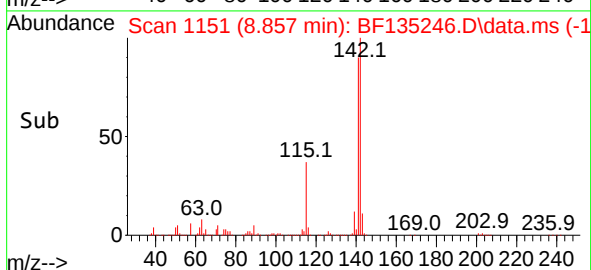
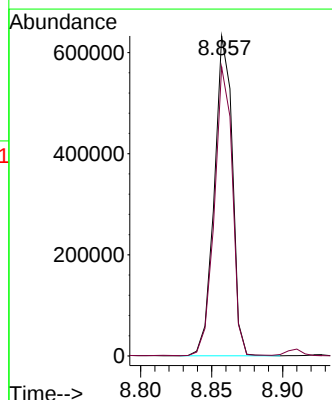
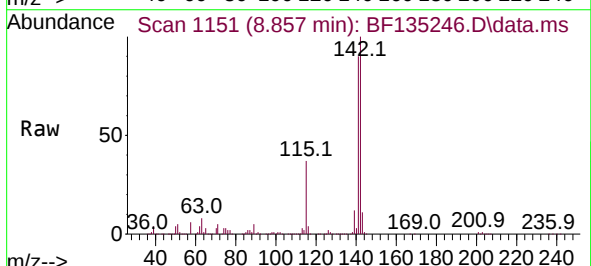
Acq: 14 Sep 2023 10:56

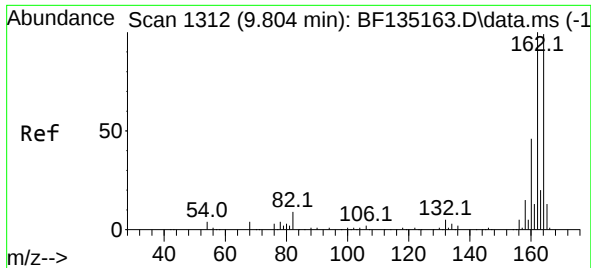
Tgt Ion:142 Resp: 559972

Ion Ratio Lower Upper

142 100

141 90.3 72.4 108.6

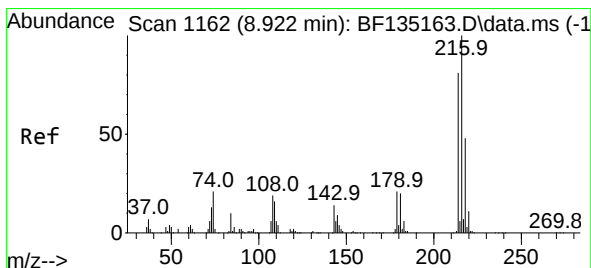
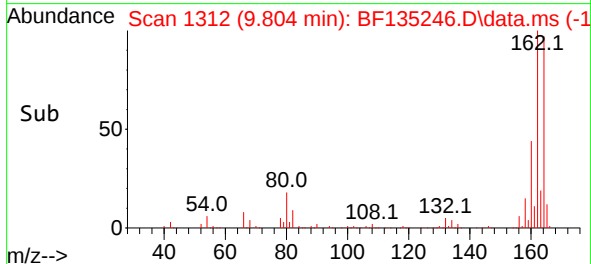
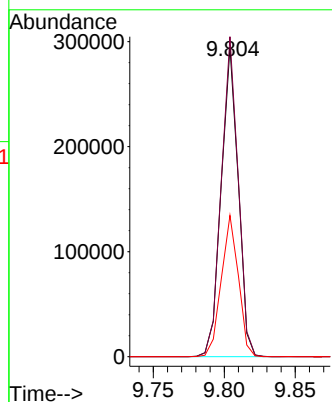
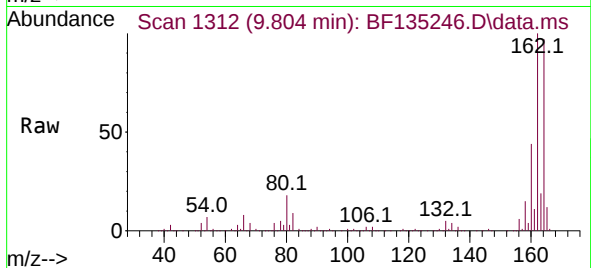




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.804 min Scan# 1163  
Delta R.T. 0.000 min  
Lab File: BF135246.D  
Acq: 14 Sep 2023 10:56

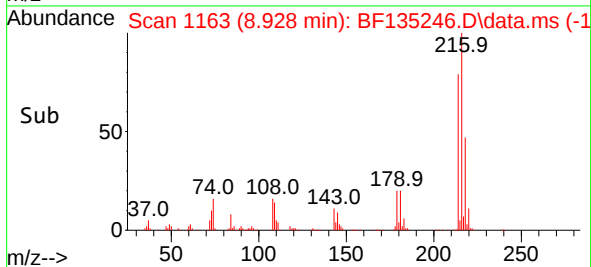
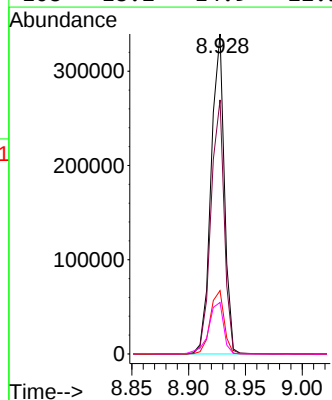
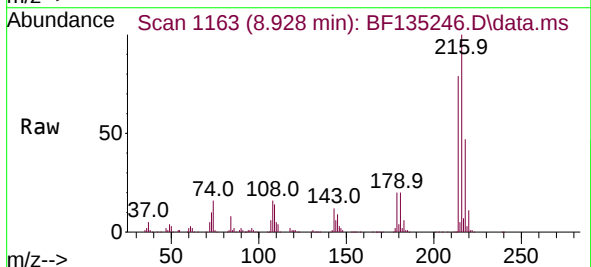
Instrument :  
BNA\_F  
ClientSampleId :

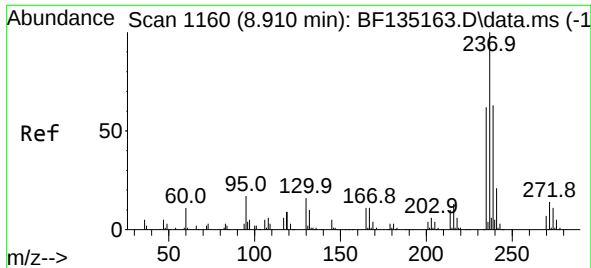
Tgt Ion:164 Resp: 244728  
Ion Ratio Lower Upper  
164 100  
162 103.4 81.0 121.4  
160 45.7 37.0 55.4



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 38.692 ng  
RT: 8.928 min Scan# 1163  
Delta R.T. 0.006 min  
Lab File: BF135246.D  
Acq: 14 Sep 2023 10:56

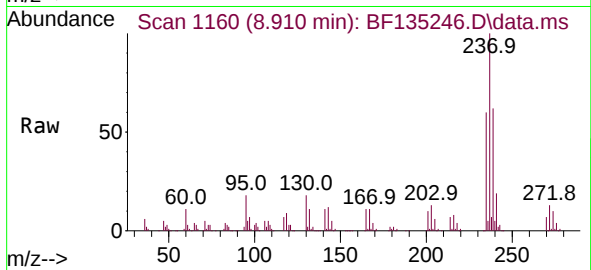
Tgt Ion:216 Resp: 274326  
Ion Ratio Lower Upper  
216 100  
214 79.8 63.7 95.5  
179 20.6 16.7 25.1  
108 18.2 14.9 22.3



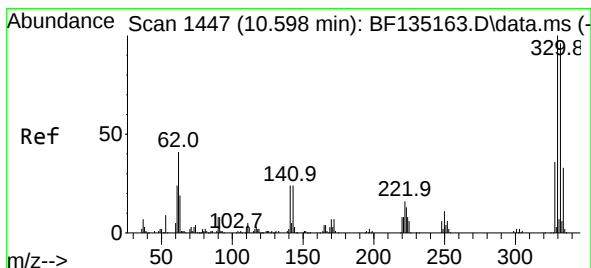
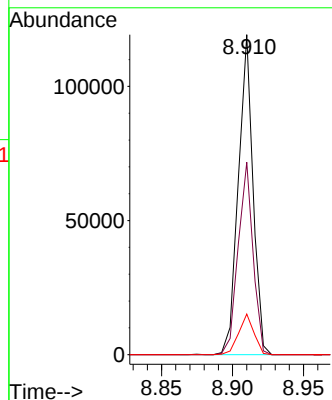
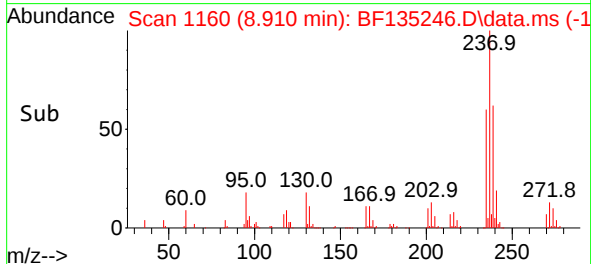


#41  
Hexachlorocyclopentadiene  
Concen: 32.415 ng  
RT: 8.910 min Scan# 1160  
Delta R.T. -0.000 min  
Lab File: BF135246.D  
Acq: 14 Sep 2023 10:56

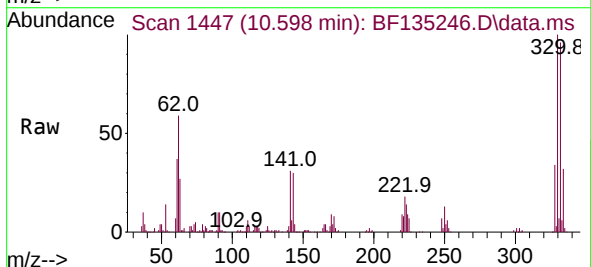
Instrument :  
BNA\_F  
ClientSampleId :



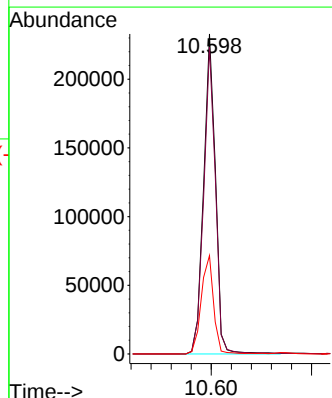
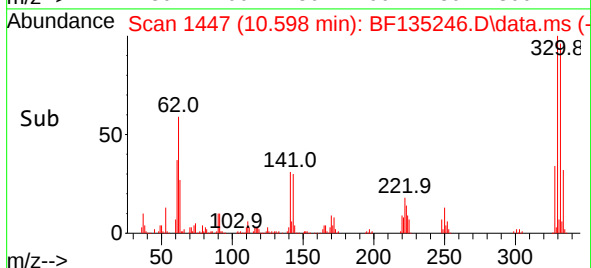
Tgt Ion:237 Resp: 86151  
Ion Ratio Lower Upper  
237 100  
235 60.2 41.8 81.8  
272 12.7 0.0 33.6

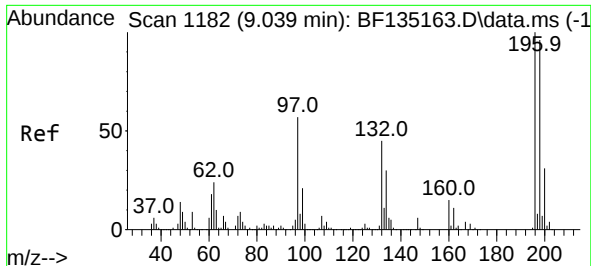


#42  
2,4,6-Tribromophenol  
Concen: 79.007 ng  
RT: 10.598 min Scan# 1447  
Delta R.T. 0.000 min  
Lab File: BF135246.D  
Acq: 14 Sep 2023 10:56



Tgt Ion:330 Resp: 192145  
Ion Ratio Lower Upper  
330 100  
332 95.3 77.3 115.9  
141 32.2 25.8 38.8

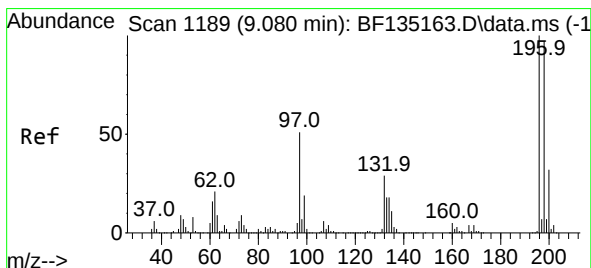
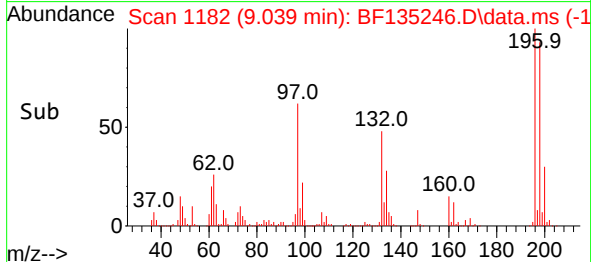
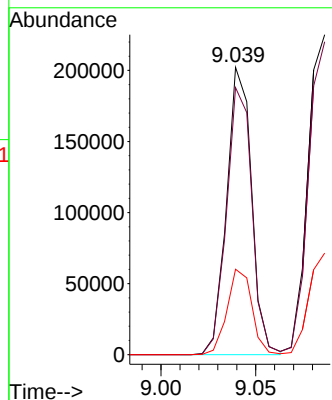
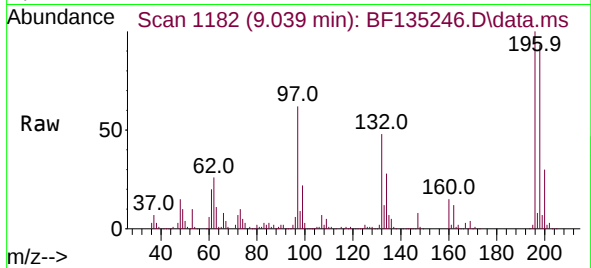




#43  
2,4,6-Trichlorophenol  
Concen: 39.853 ng  
RT: 9.039 min Scan# 1182  
Delta R.T. 0.000 min  
Lab File: BF135246.D  
Acq: 14 Sep 2023 10:56

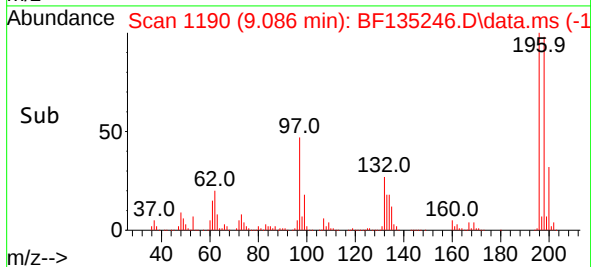
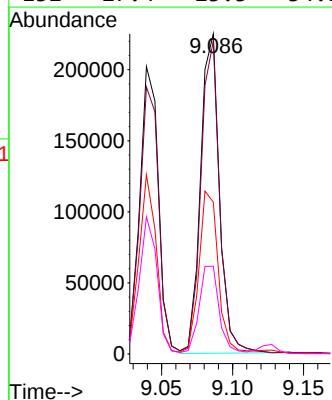
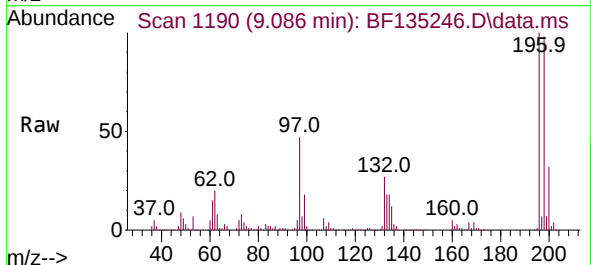
Instrument :  
BNA\_F  
ClientSampleId :

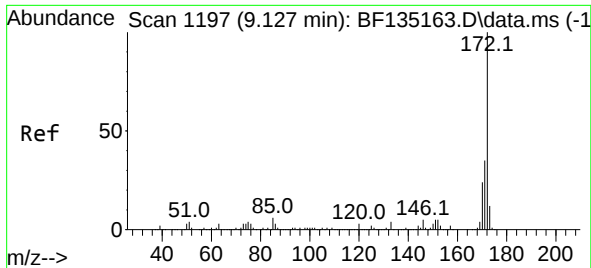
Tgt Ion:196 Resp: 185004  
Ion Ratio Lower Upper  
196 100  
198 92.9 77.0 115.6  
200 29.7 24.5 36.7



#44  
2,4,5-Trichlorophenol  
Concen: 39.038 ng  
RT: 9.086 min Scan# 1190  
Delta R.T. 0.006 min  
Lab File: BF135246.D  
Acq: 14 Sep 2023 10:56

Tgt Ion:196 Resp: 208692  
Ion Ratio Lower Upper  
196 100  
198 97.8 77.5 116.3  
97 47.5 40.5 60.7  
132 27.4 23.3 34.9





#45

2-Fluorobiphenyl

Concen: 74.121 ng

RT: 9.128 min Scan# 1197

Delta R.T. 0.000 min

Lab File: BF135246.D

Acq: 14 Sep 2023 10:56

Instrument :

BNA\_F

ClientSampleId :

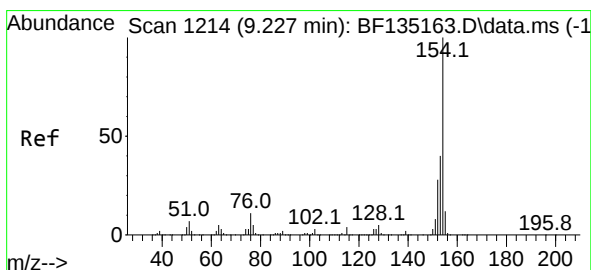
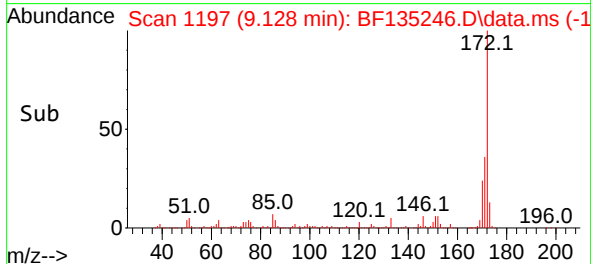
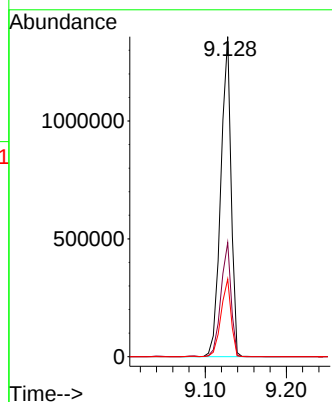
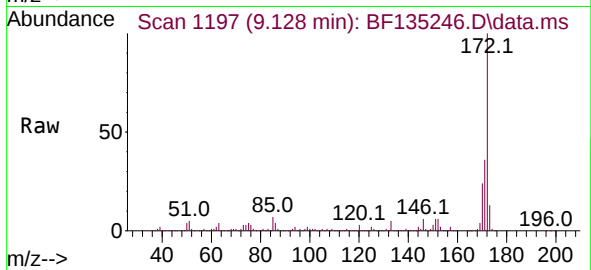
Tgt Ion:172 Resp: 1202308

Ion Ratio Lower Upper

172 100

171 35.6 28.4 42.6

170 24.2 19.0 28.4



#46

1,1'-Biphenyl

Concen: 38.850 ng

RT: 9.228 min Scan# 1214

Delta R.T. 0.000 min

Lab File: BF135246.D

Acq: 14 Sep 2023 10:56

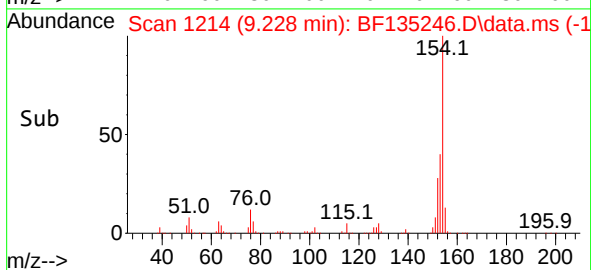
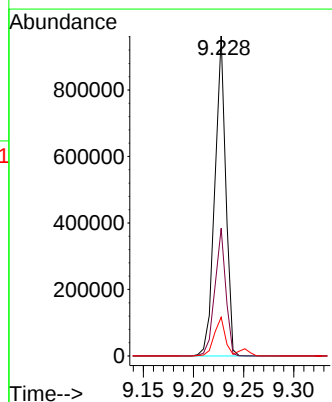
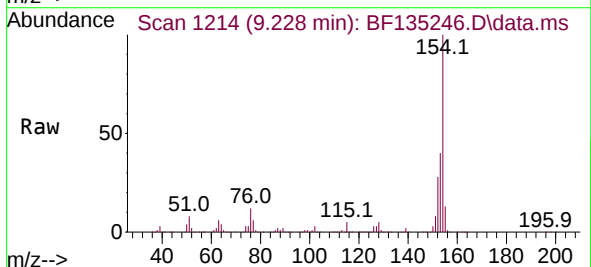
Tgt Ion:154 Resp: 730651

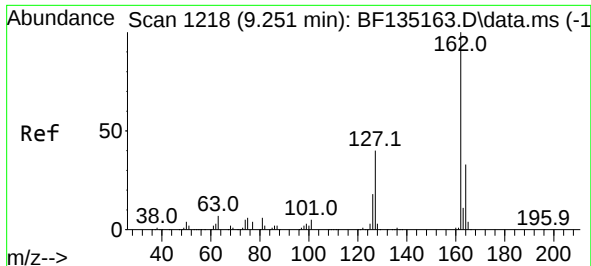
Ion Ratio Lower Upper

154 100

153 39.9 19.6 59.6

76 12.1 0.0 31.0

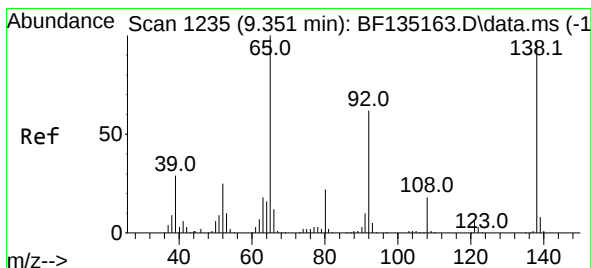
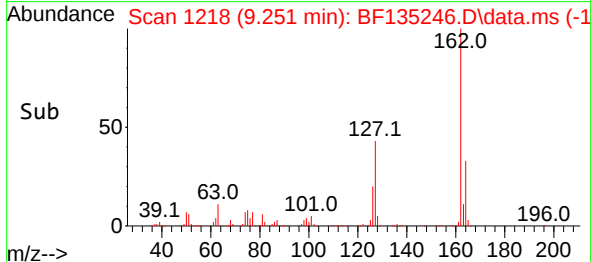
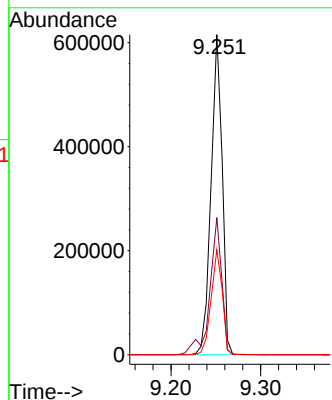
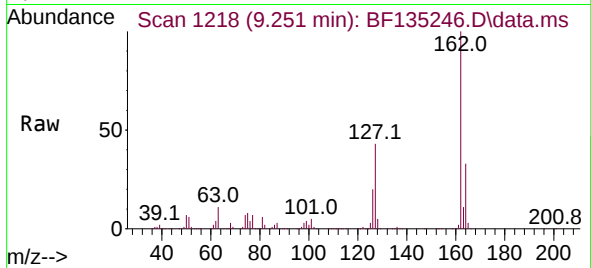




#47  
2-Chloronaphthalene  
Concen: 38.656 ng  
RT: 9.251 min Scan# 1218  
Delta R.T. 0.000 min  
Lab File: BF135246.D  
Acq: 14 Sep 2023 10:56

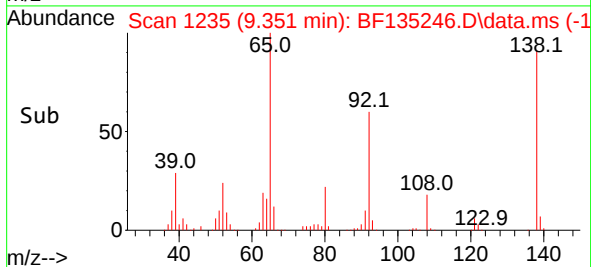
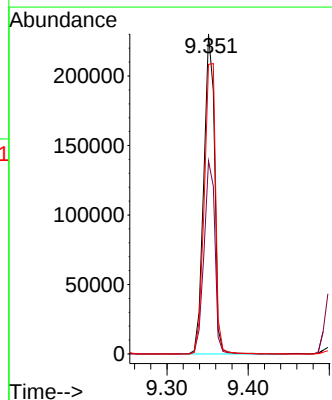
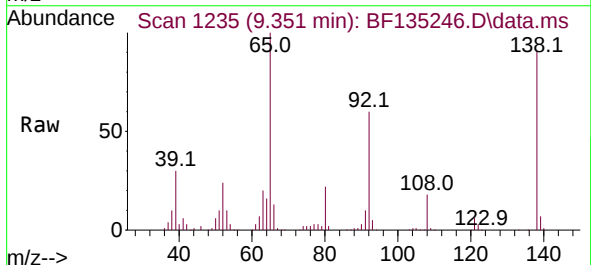
Instrument :  
BNA\_F  
ClientSampleId :

Tgt Ion:162 Resp: 527477  
Ion Ratio Lower Upper  
162 100  
127 42.9 32.6 48.8  
164 32.9 26.2 39.2



#48  
2-Nitroaniline  
Concen: 40.061 ng  
RT: 9.351 min Scan# 1235  
Delta R.T. 0.000 min  
Lab File: BF135246.D  
Acq: 14 Sep 2023 10:56

Tgt Ion: 65 Resp: 212374  
Ion Ratio Lower Upper  
65 100  
92 60.4 49.4 74.0  
138 90.5 77.4 116.0





#49

Acenaphthylene

Concen: 38.503 ng

RT: 9.669 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF135246.D

Acq: 14 Sep 2023 10:56

Instrument :

BNA\_F

ClientSampleId :

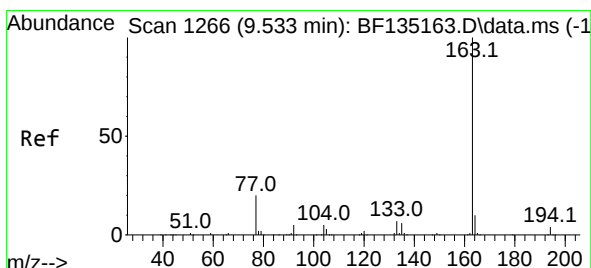
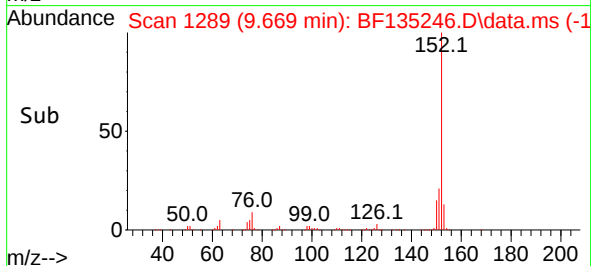
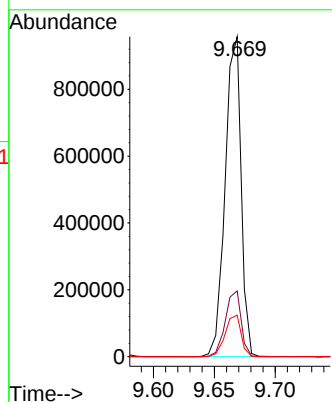
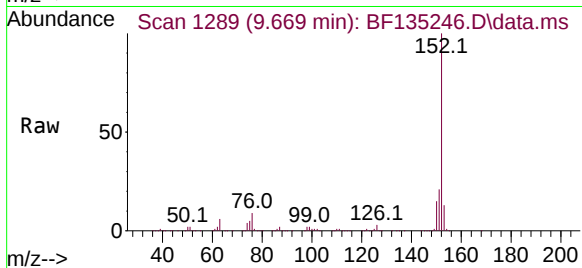
Tgt Ion:152 Resp: 873171

Ion Ratio Lower Upper

152 100

151 20.6 16.4 24.6

153 12.9 10.4 15.6



#50

Dimethylphthalate

Concen: 39.829 ng

RT: 9.533 min Scan# 1266

Delta R.T. 0.000 min

Lab File: BF135246.D

Acq: 14 Sep 2023 10:56

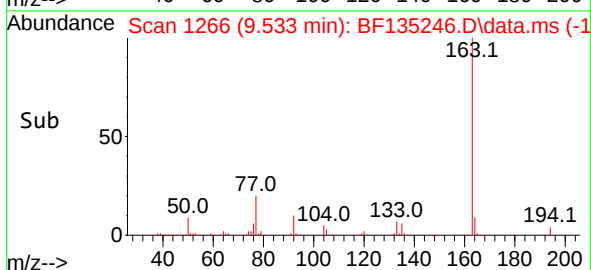
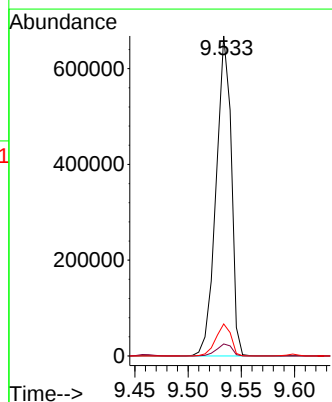
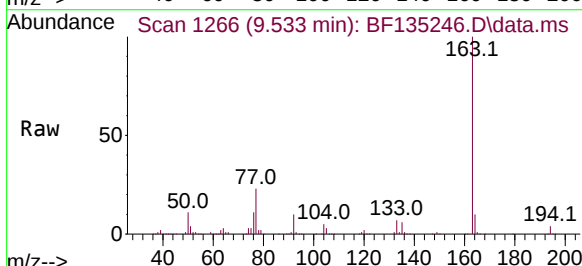
Tgt Ion:163 Resp: 659011

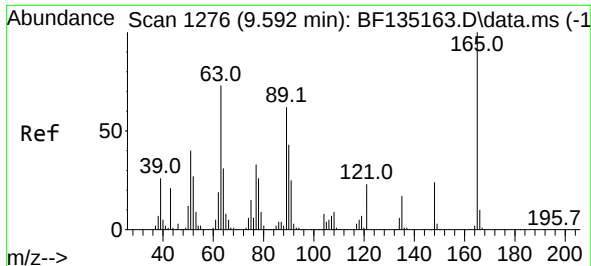
Ion Ratio Lower Upper

163 100

194 3.8 3.1 4.7

164 10.0 8.1 12.1





#51

2,6-Dinitrotoluene

Concen: 39.656 ng

RT: 9.598 min Scan# 1276

Delta R.T. 0.006 min

Lab File: BF135246.D

Acq: 14 Sep 2023 10:56

Instrument :

BNA\_F

ClientSampleId :

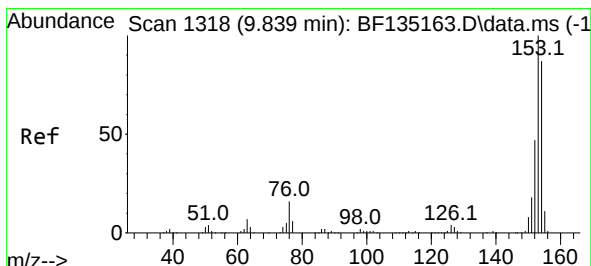
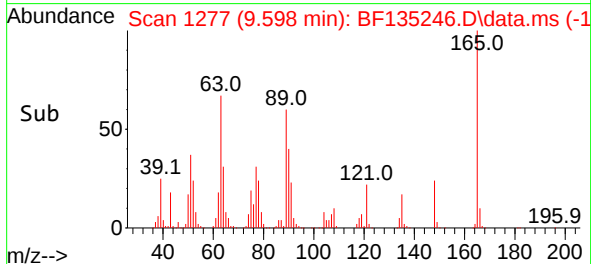
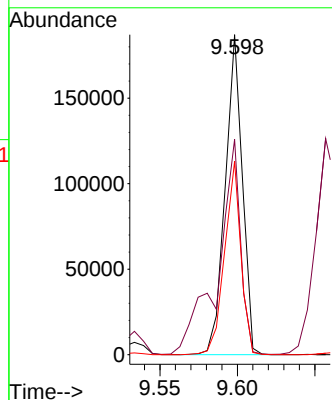
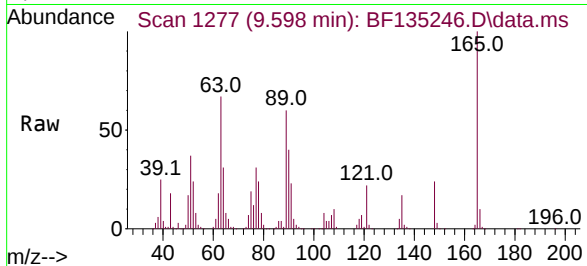
Tgt Ion:165 Resp: 143740

Ion Ratio Lower Upper

165 100

63 67.3 59.4 89.2

89 60.5 49.8 74.8



#52

Acenaphthene

Concen: 38.977 ng

RT: 9.839 min Scan# 1318

Delta R.T. 0.000 min

Lab File: BF135246.D

Acq: 14 Sep 2023 10:56

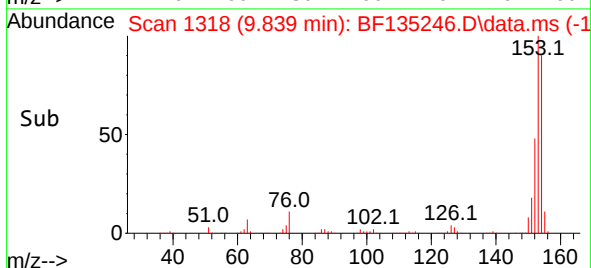
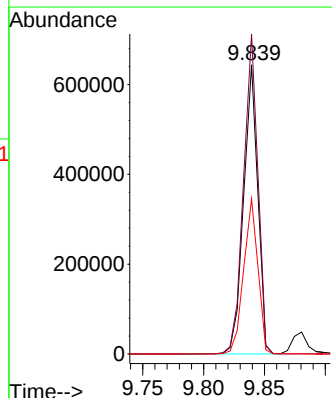
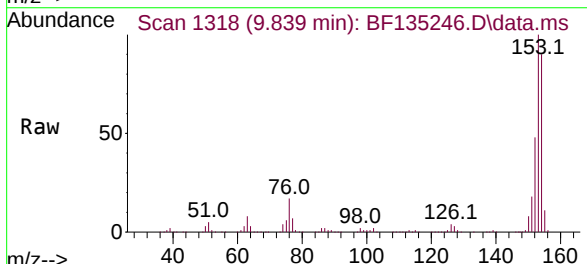
Tgt Ion:154 Resp: 522174

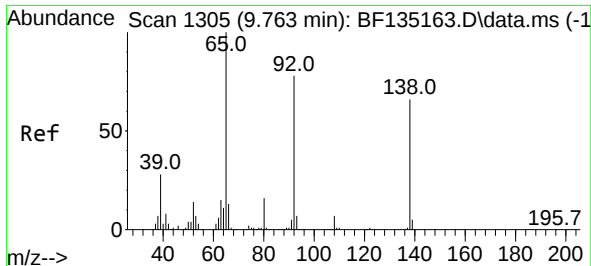
Ion Ratio Lower Upper

154 100

153 110.7 92.1 138.1

152 53.7 43.1 64.7

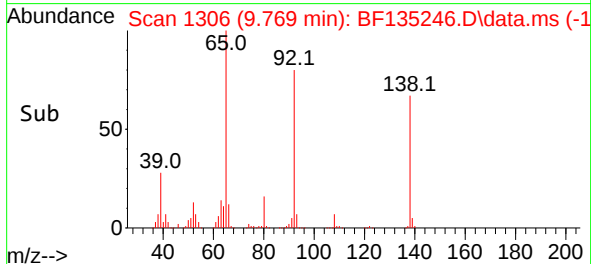
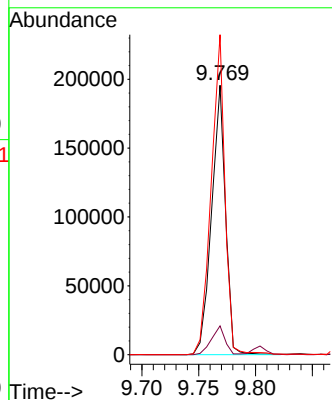
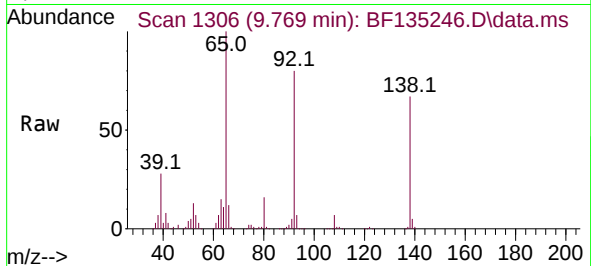




#53  
3-Nitroaniline  
Concen: 39.149 ng  
RT: 9.769 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: BF135246.D  
Acq: 14 Sep 2023 10:56

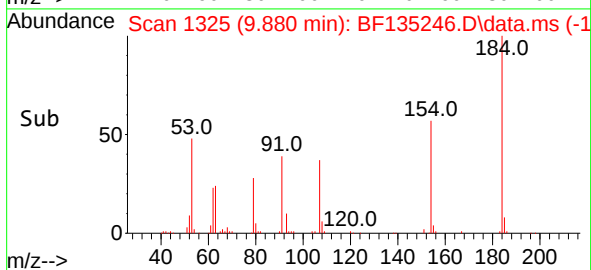
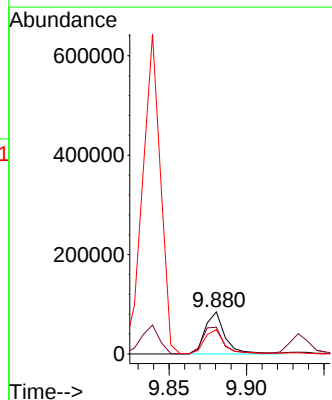
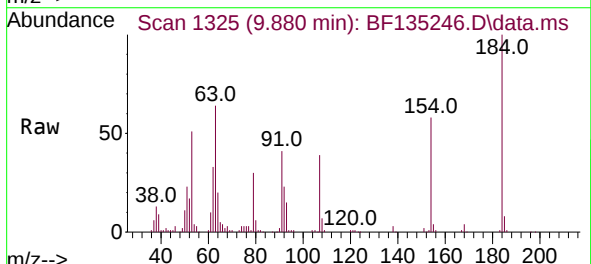
Instrument :  
BNA\_F  
ClientSampleId :

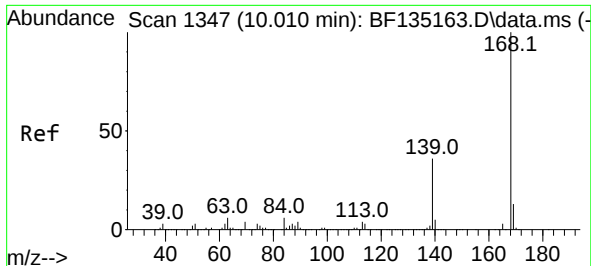
Tgt Ion:138 Resp: 166569  
Ion Ratio Lower Upper  
138 100  
108 10.7 8.5 12.7  
92 118.8 95.4 143.0



#54  
2,4-Dinitrophenol  
Concen: 40.054 ng  
RT: 9.880 min Scan# 1325  
Delta R.T. 0.006 min  
Lab File: BF135246.D  
Acq: 14 Sep 2023 10:56

Tgt Ion:184 Resp: 75458  
Ion Ratio Lower Upper  
184 100  
63 63.6 55.1 82.7  
154 57.7 48.4 72.6

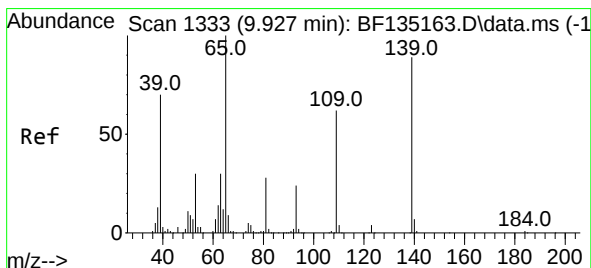
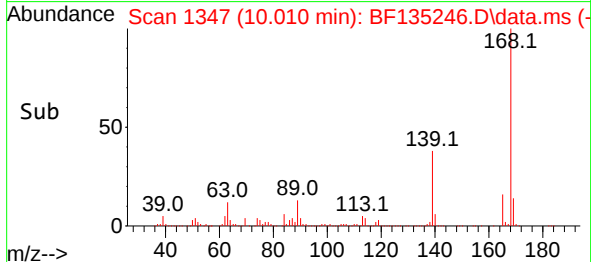
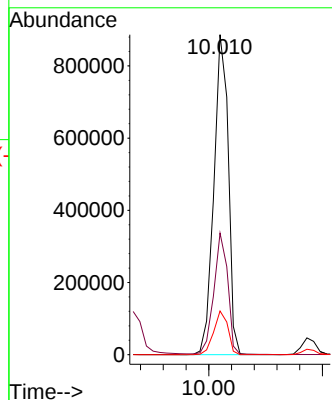
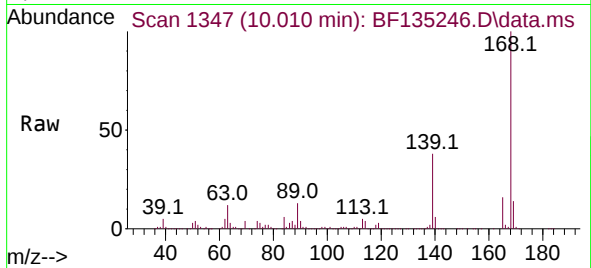




#55  
Dibenzofuran  
Concen: 38.236 ng  
RT: 10.010 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF135246.D  
Acq: 14 Sep 2023 10:56

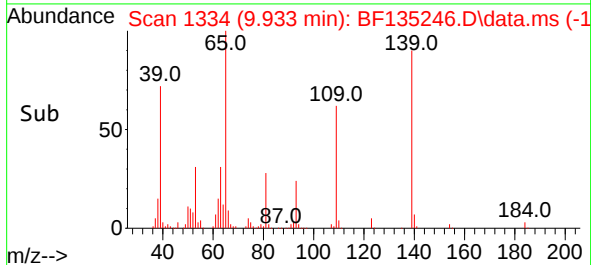
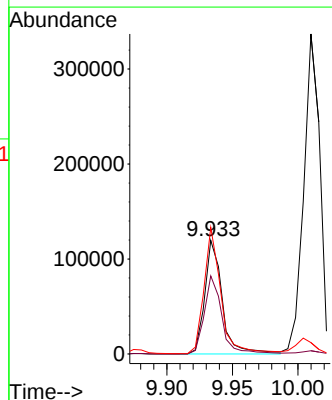
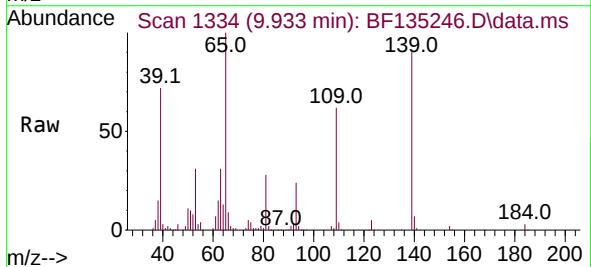
Instrument :  
BNA\_F  
ClientSampleId :

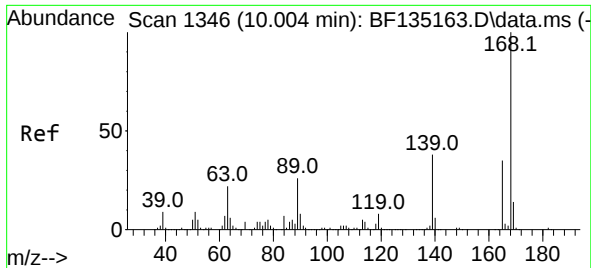
Tgt Ion:168 Resp: 781684  
Ion Ratio Lower Upper  
168 100  
139 38.0 29.0 43.6  
169 13.7 10.4 15.6



#56  
4-Nitrophenol  
Concen: 41.326 ng  
RT: 9.933 min Scan# 1334  
Delta R.T. 0.006 min  
Lab File: BF135246.D  
Acq: 14 Sep 2023 10:56

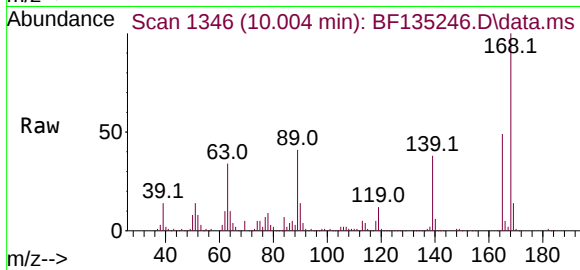
Tgt Ion:139 Resp: 111752  
Ion Ratio Lower Upper  
139 100  
109 68.8 49.8 89.8  
65 111.4 92.7 132.7



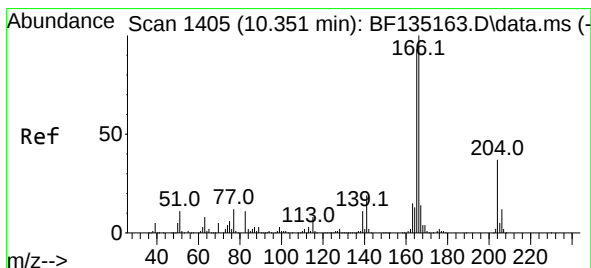
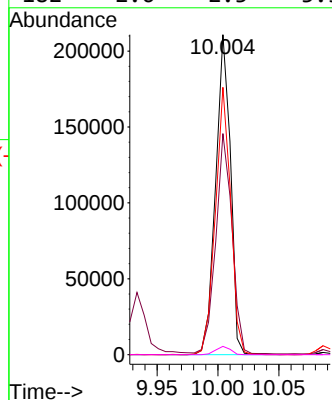
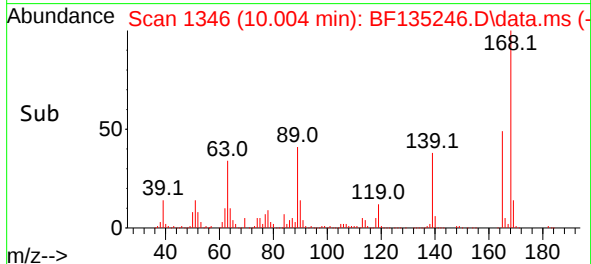


#57  
2,4-Dinitrotoluene  
Concen: 39.517 ng  
RT: 10.004 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF135246.D  
Acq: 14 Sep 2023 10:56

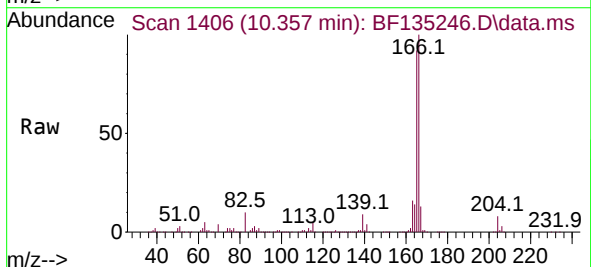
Instrument :  
BNA\_F  
ClientSampleId :



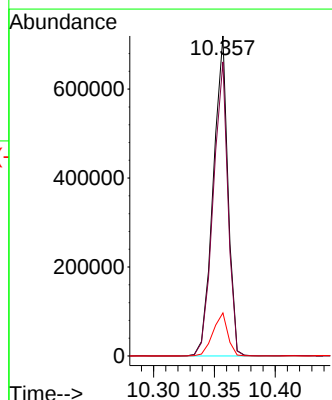
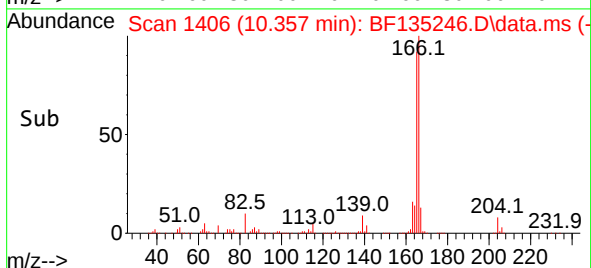
Tgt Ion:165 Resp: 179322  
Ion Ratio Lower Upper  
165 100  
63 69.1 50.1 75.1  
89 83.6 59.3 88.9  
182 2.6 2.3 3.5

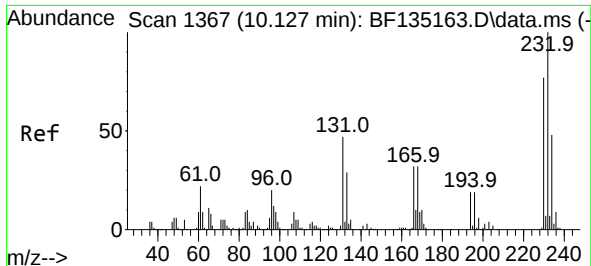


#58  
Fluorene  
Concen: 38.501 ng  
RT: 10.357 min Scan# 1406  
Delta R.T. 0.006 min  
Lab File: BF135246.D  
Acq: 14 Sep 2023 10:56



Tgt Ion:166 Resp: 605095  
Ion Ratio Lower Upper  
166 100  
165 91.9 74.3 111.5  
167 13.4 10.9 16.3

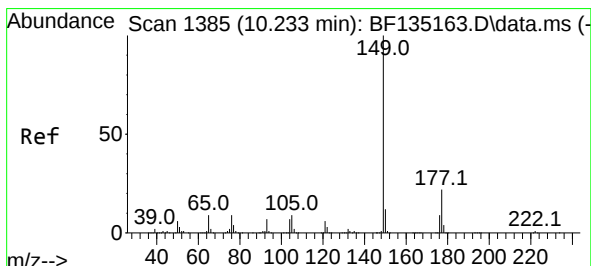
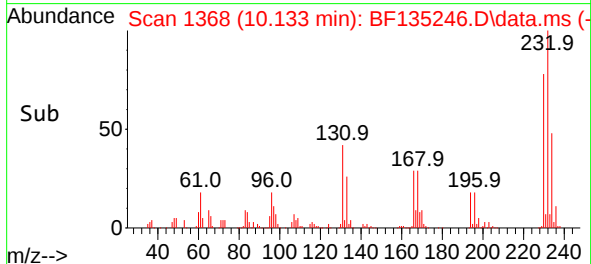
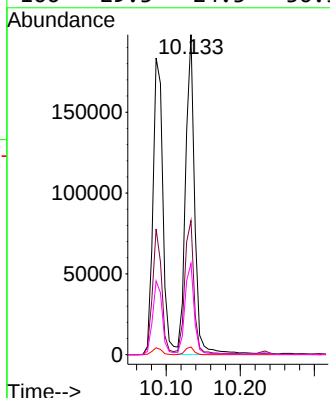
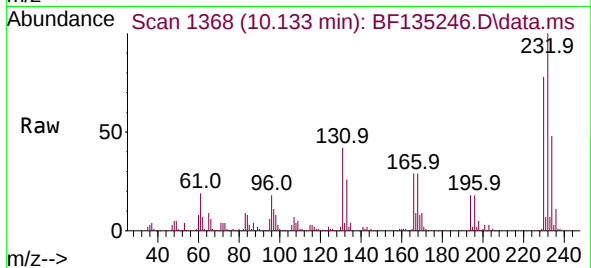




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 41.092 ng  
RT: 10.133 min Scan# 1368  
Delta R.T. 0.006 min  
Lab File: BF135246.D  
Acq: 14 Sep 2023 10:56

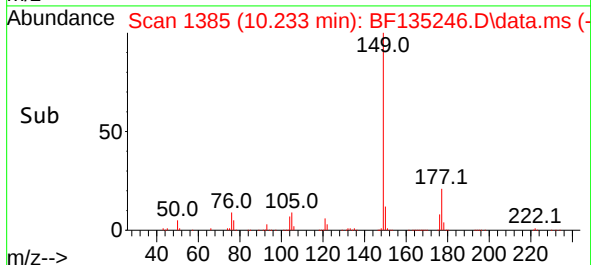
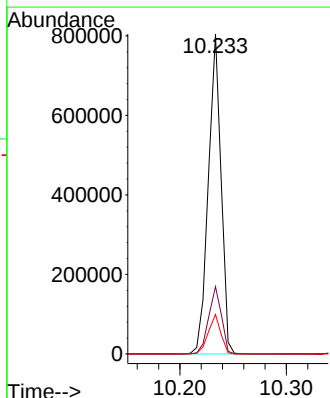
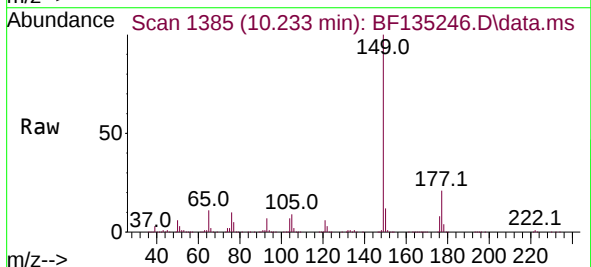
Instrument :  
BNA\_F  
ClientSampleId :

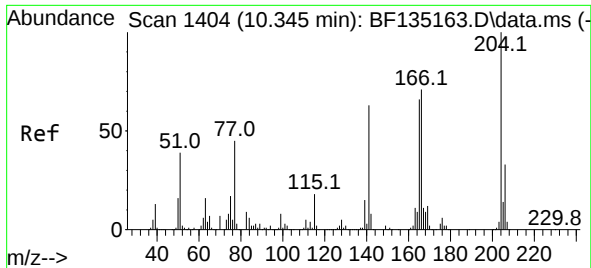
Tgt Ion:232 Resp: 168981  
Ion Ratio Lower Upper  
232 100  
131 43.6 35.4 53.2  
130 2.3 1.8 2.8  
166 29.3 24.3 36.5



#60  
Diethylphthalate  
Concen: 40.101 ng  
RT: 10.233 min Scan# 1385  
Delta R.T. 0.000 min  
Lab File: BF135246.D  
Acq: 14 Sep 2023 10:56

Tgt Ion:149 Resp: 665904  
Ion Ratio Lower Upper  
149 100  
177 21.0 17.8 26.6  
150 12.3 10.0 15.0

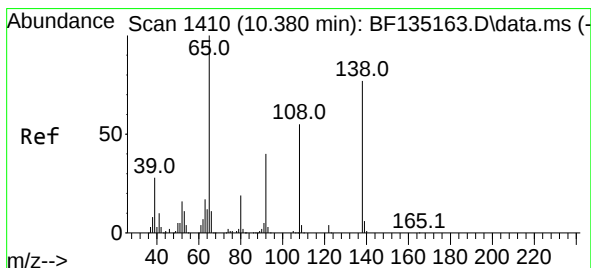
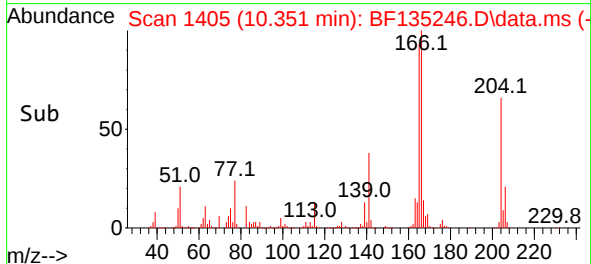
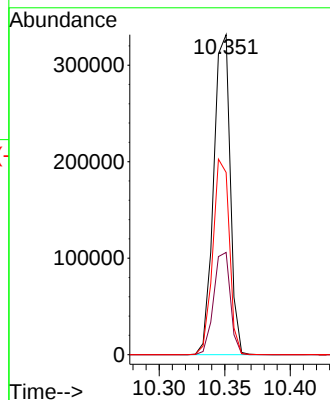
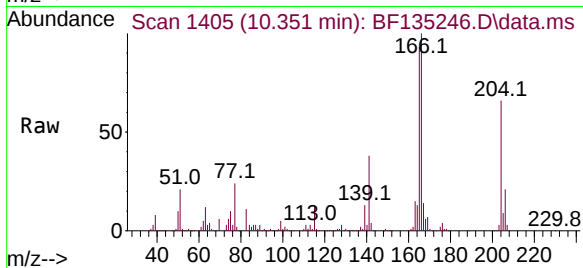




#61  
4-Chlorophenyl-phenylether  
Concen: 38.567 ng  
RT: 10.351 min Scan# 1410  
Delta R.T. 0.006 min  
Lab File: BF135246.D  
Acq: 14 Sep 2023 10:56

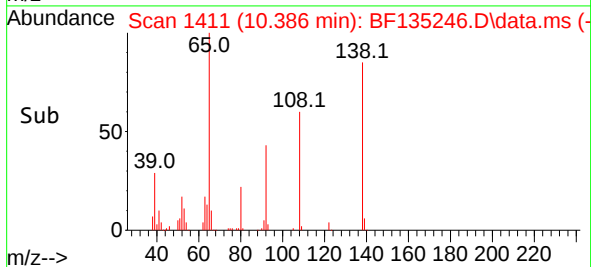
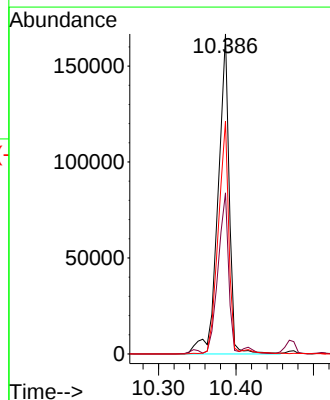
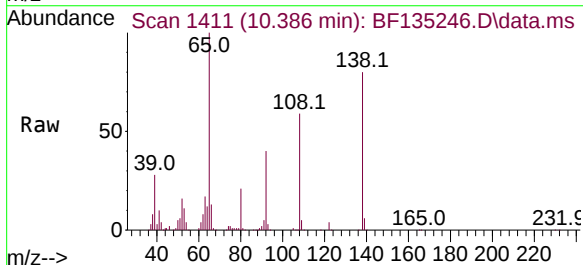
Instrument :  
BNA\_F  
ClientSampleId :

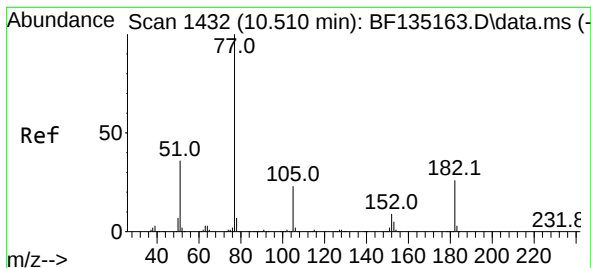
Tgt Ion:204 Resp: 291161  
Ion Ratio Lower Upper  
204 100  
206 32.0 26.7 40.1  
141 57.0 50.6 75.8



#62  
4-Nitroaniline  
Concen: 40.988 ng  
RT: 10.386 min Scan# 1411  
Delta R.T. 0.006 min  
Lab File: BF135246.D  
Acq: 14 Sep 2023 10:56

Tgt Ion:138 Resp: 167638  
Ion Ratio Lower Upper  
138 100  
92 50.4 31.8 71.8  
108 72.8 52.0 92.0





#63

Azobenzene

Concen: 39.514 ng

RT: 10.510 min Scan# 1432

Delta R.T. 0.000 min

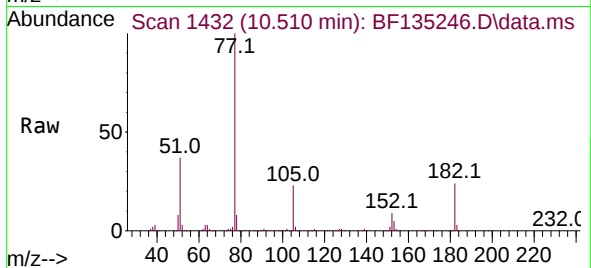
Lab File: BF135246.D

Acq: 14 Sep 2023 10:56

Instrument :

BNA\_F

ClientSampleId :



Tgt Ion: 77 Resp: 642172

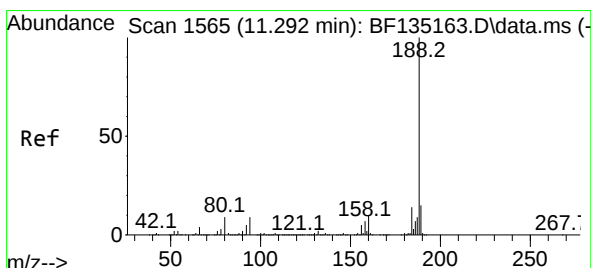
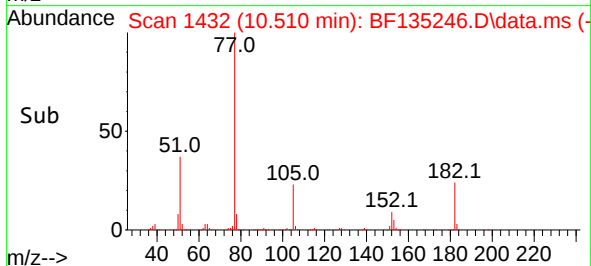
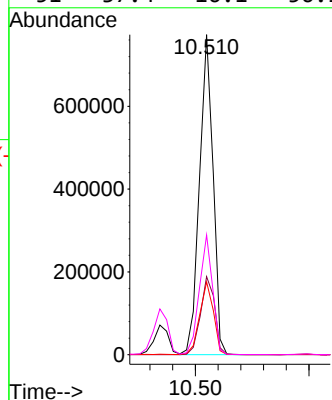
Ion Ratio Lower Upper

77 100

182 24.4 6.4 46.4

105 22.8 3.1 43.1

51 37.4 16.1 56.1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.298 min Scan# 1566

Delta R.T. 0.006 min

Lab File: BF135246.D

Acq: 14 Sep 2023 10:56

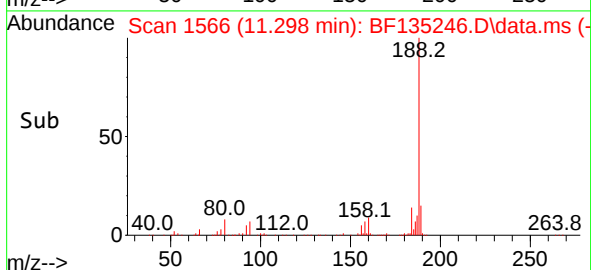
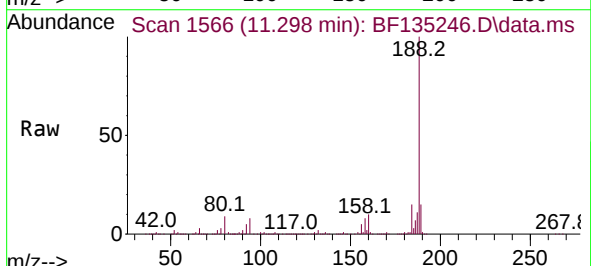
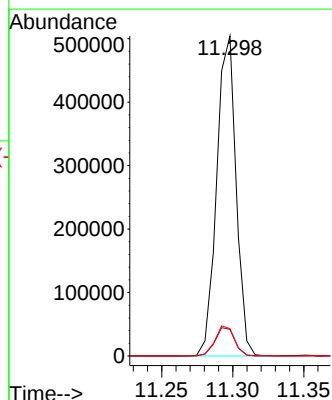
Tgt Ion: 188 Resp: 478526

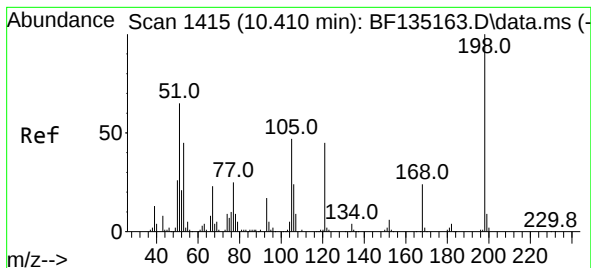
Ion Ratio Lower Upper

188 100

94 8.3 7.0 10.6

80 8.5 7.5 11.3

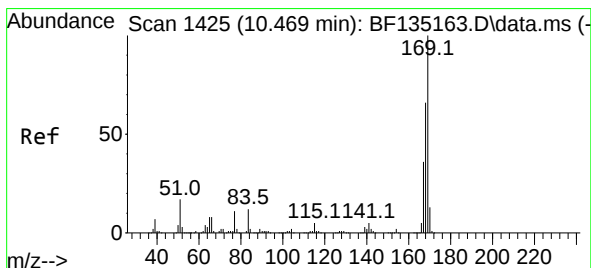
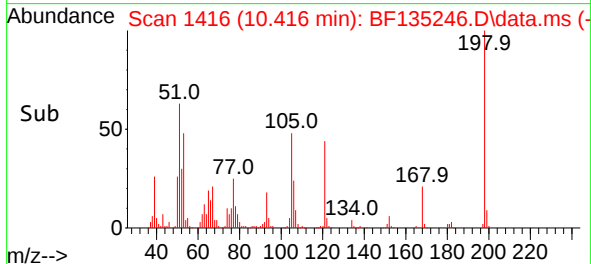
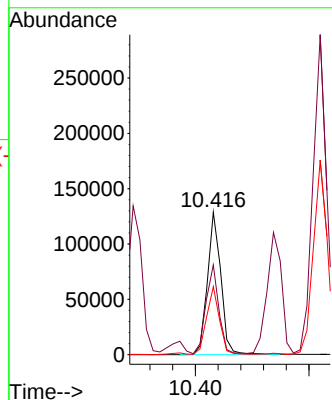
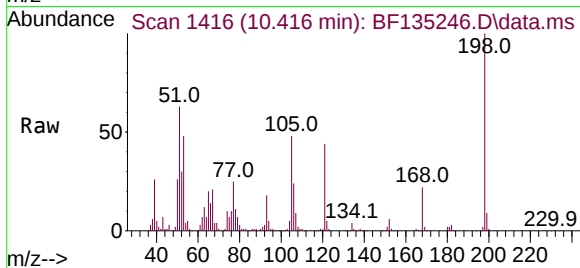




#65  
4,6-Dinitro-2-methylphenol  
Concen: 41.576 ng  
RT: 10.416 min Scan# 1415  
Delta R.T. 0.006 min  
Lab File: BF135246.D  
Acq: 14 Sep 2023 10:56

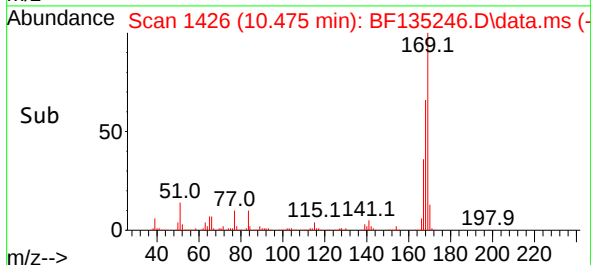
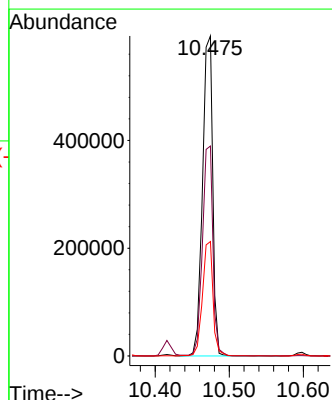
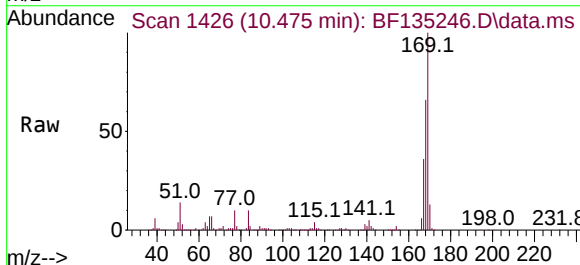
Instrument :  
BNA\_F  
ClientSampleId :

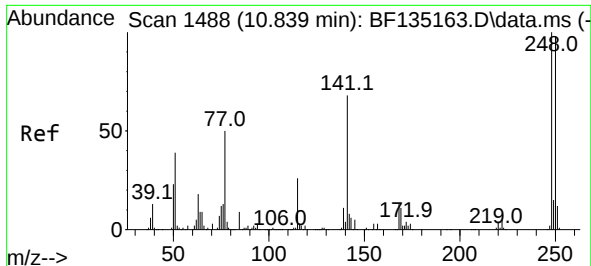
Tgt Ion:198 Resp: 105669  
Ion Ratio Lower Upper  
198 100  
51 62.9 47.7 87.7  
105 47.7 27.4 67.4



#66  
n-Nitrosodiphenylamine  
Concen: 39.064 ng  
RT: 10.475 min Scan# 1426  
Delta R.T. 0.006 min  
Lab File: BF135246.D  
Acq: 14 Sep 2023 10:56

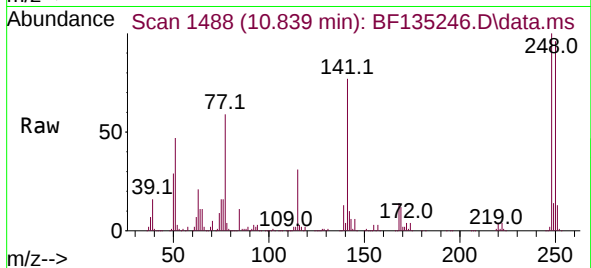
Tgt Ion:169 Resp: 565927  
Ion Ratio Lower Upper  
169 100  
168 65.6 52.8 79.2  
167 35.7 29.0 43.6



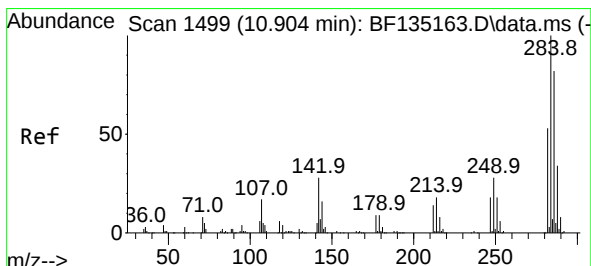
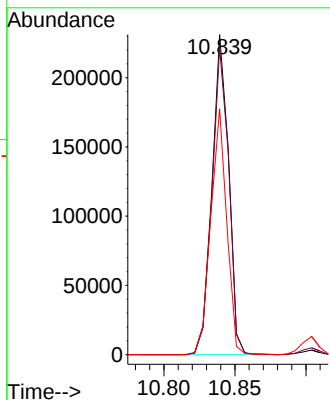
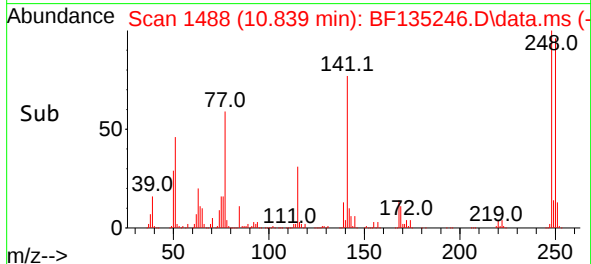


#67  
4-Bromophenyl-phenylether  
Concen: 39.455 ng  
RT: 10.839 min Scan# 1488  
Delta R.T. 0.000 min  
Lab File: BF135246.D  
Acq: 14 Sep 2023 10:56

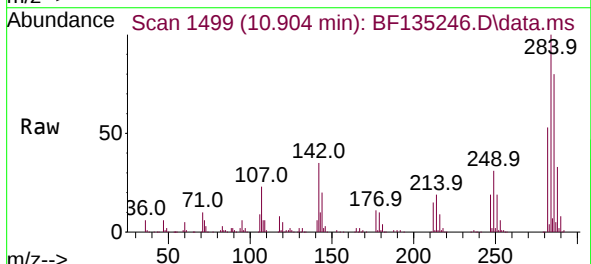
Instrument :  
BNA\_F  
ClientSampleId :



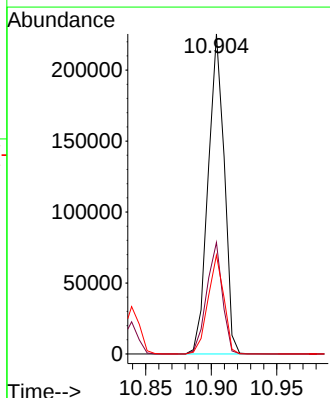
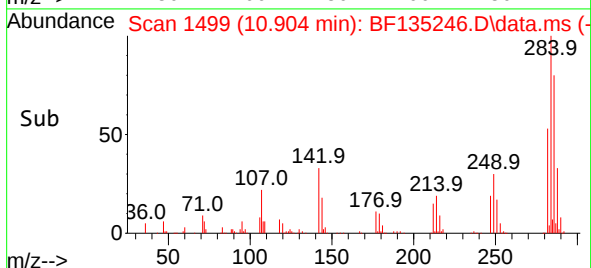
Tgt Ion:248 Resp: 187780  
Ion Ratio Lower Upper  
248 100  
250 95.9 78.6 117.8  
141 76.8 54.2 81.2

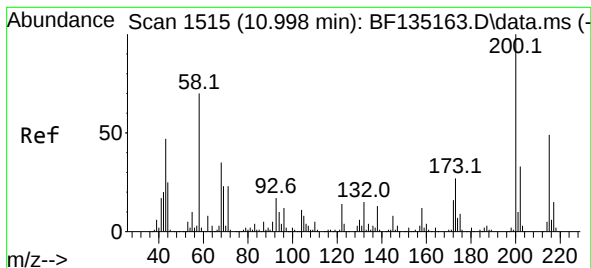


#68  
Hexachlorobenzene  
Concen: 39.782 ng  
RT: 10.904 min Scan# 1499  
Delta R.T. 0.000 min  
Lab File: BF135246.D  
Acq: 14 Sep 2023 10:56



Tgt Ion:284 Resp: 192890  
Ion Ratio Lower Upper  
284 100  
142 34.9 22.2 33.4#  
249 30.9 22.5 33.7





#69

Atrazine

Concen: 39.064 ng

RT: 11.004 min Scan# 1516

Delta R.T. 0.006 min

Lab File: BF135246.D

Acq: 14 Sep 2023 10:56

Instrument :

BNA\_F

ClientSampleId :

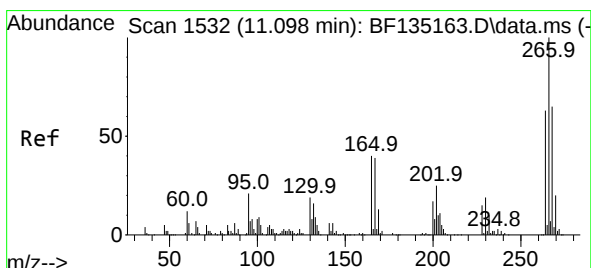
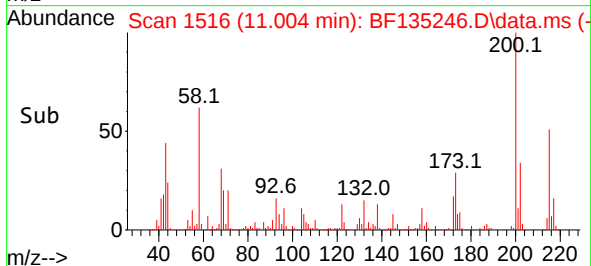
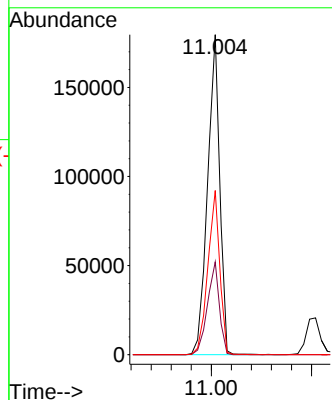
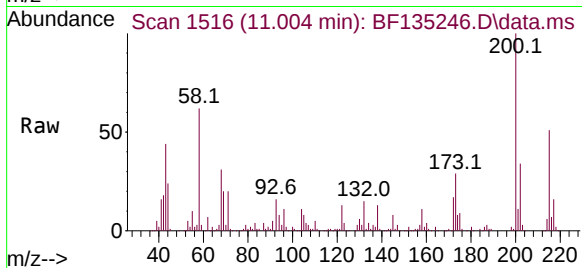
Tgt Ion:200 Resp: 152277

Ion Ratio Lower Upper

200 100

173 29.0 7.4 47.4

215 51.3 28.6 68.6



#70

Pentachlorophenol

Concen: 41.795 ng

RT: 11.104 min Scan# 1533

Delta R.T. 0.006 min

Lab File: BF135246.D

Acq: 14 Sep 2023 10:56

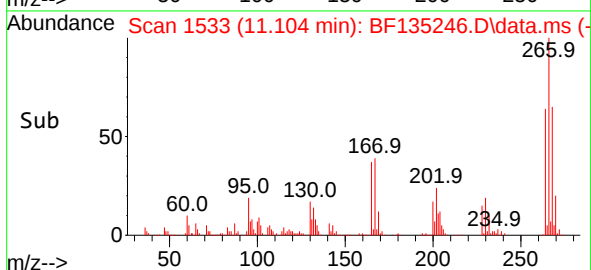
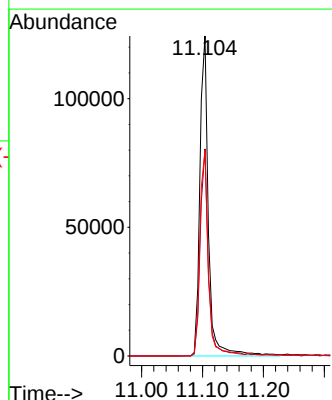
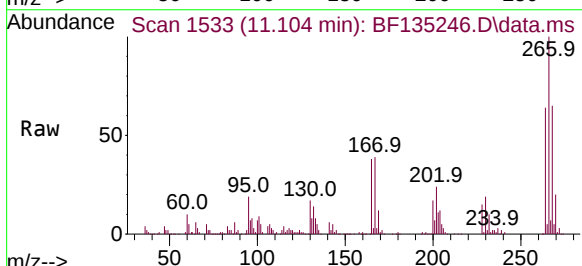
Tgt Ion:266 Resp: 121245

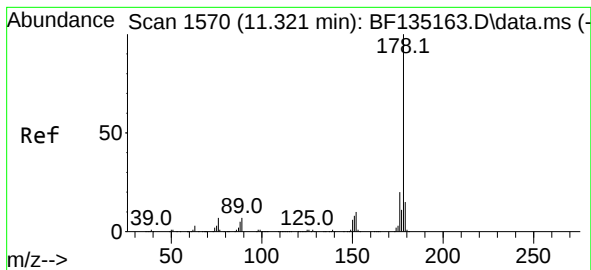
Ion Ratio Lower Upper

266 100

268 64.7 52.1 78.1

264 64.3 50.8 76.2





#71

Phenanthrene

Concen: 38.750 ng

RT: 11.322 min Scan# 1570

Delta R.T. 0.000 min

Lab File: BF135246.D

Acq: 14 Sep 2023 10:56

Instrument :

BNA\_F

ClientSampleId :

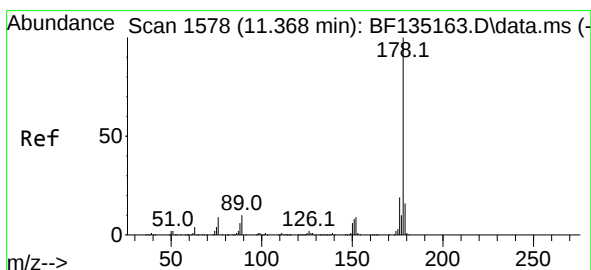
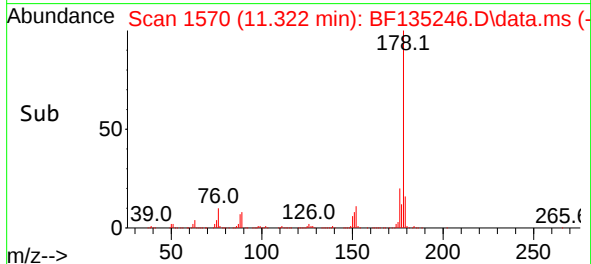
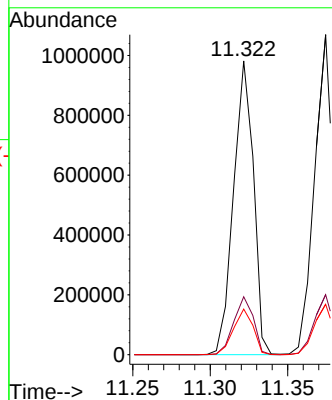
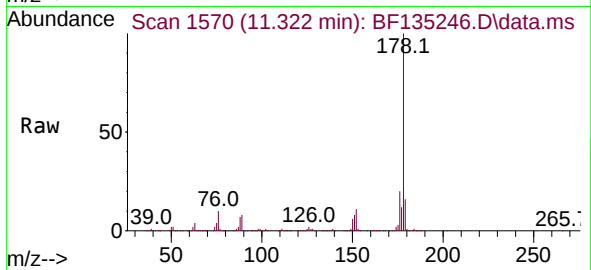
Tgt Ion:178 Resp: 877003

Ion Ratio Lower Upper

178 100

176 19.7 15.6 23.4

179 15.5 12.0 18.0



#72

Anthracene

Concen: 38.906 ng

RT: 11.375 min Scan# 1579

Delta R.T. 0.006 min

Lab File: BF135246.D

Acq: 14 Sep 2023 10:56

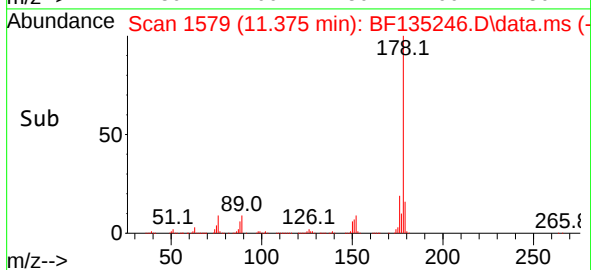
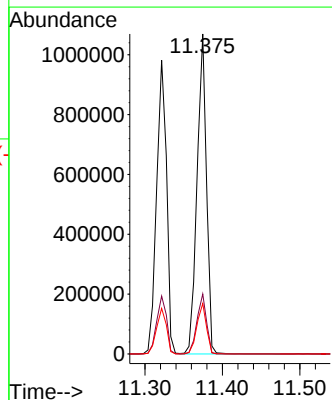
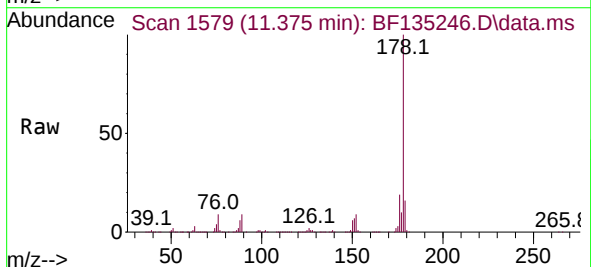
Tgt Ion:178 Resp: 905080

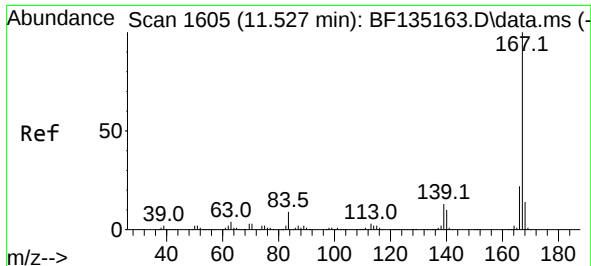
Ion Ratio Lower Upper

178 100

176 18.7 15.4 23.2

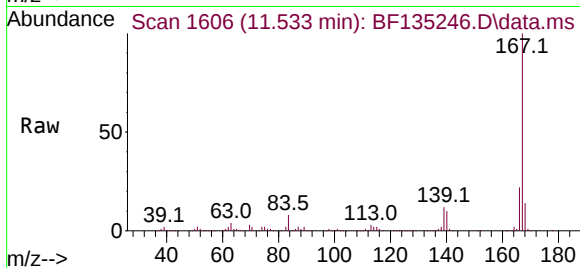
179 15.7 12.6 19.0



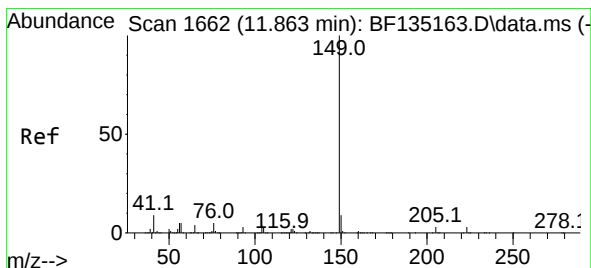
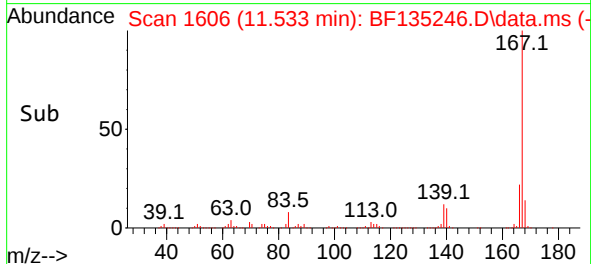
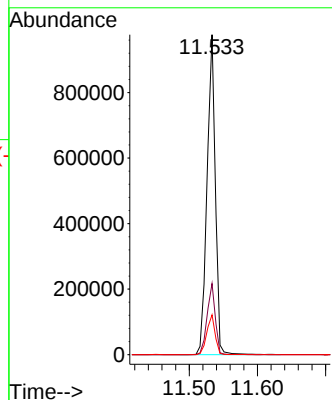


#73  
 Carbazole  
 Concen: 39.131 ng  
 RT: 11.533 min Scan# 1606  
 Delta R.T. 0.006 min  
 Lab File: BF135246.D  
 Acq: 14 Sep 2023 10:56

Instrument :  
 BNA\_F  
 ClientSampleId :

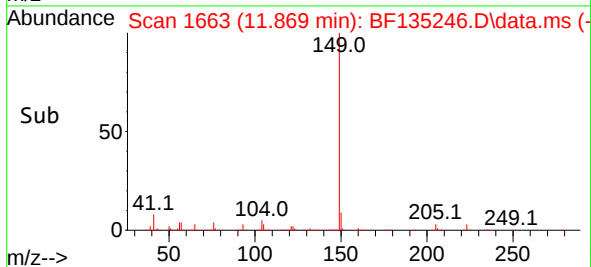
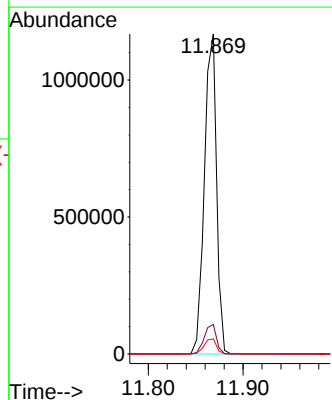
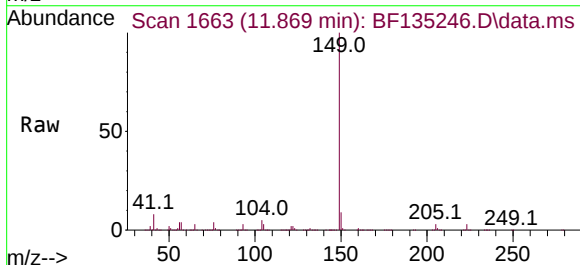


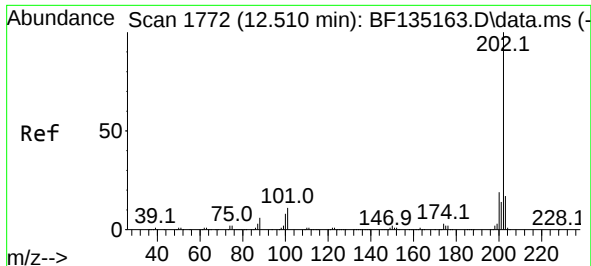
Tgt Ion:167 Resp: 828696  
 Ion Ratio Lower Upper  
 167 100  
 166 22.3 17.4 26.0  
 139 12.4 10.6 15.8



#74  
 Di-n-butylphthalate  
 Concen: 41.804 ng  
 RT: 11.869 min Scan# 1663  
 Delta R.T. 0.006 min  
 Lab File: BF135246.D  
 Acq: 14 Sep 2023 10:56

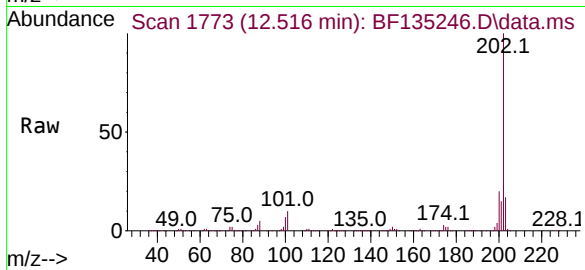
Tgt Ion:149 Resp: 1043190  
 Ion Ratio Lower Upper  
 149 100  
 150 9.2 7.4 11.0  
 104 4.7 3.6 5.4



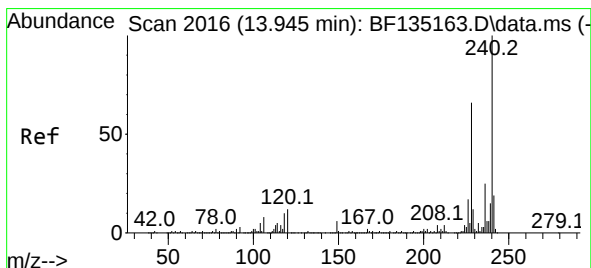
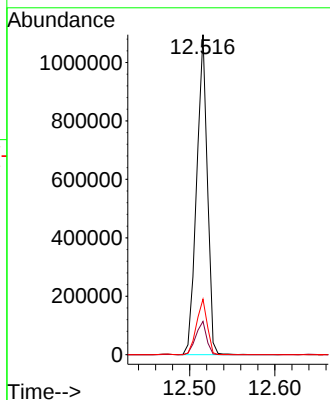
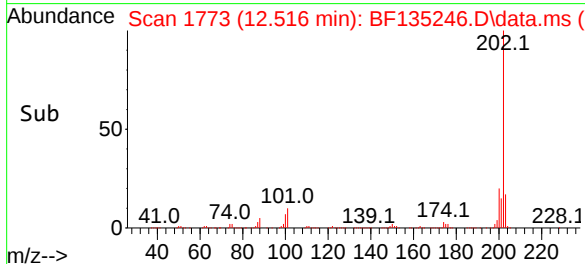


#75  
Fluoranthene  
Concen: 40.635 ng  
RT: 12.516 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: BF135246.D  
Acq: 14 Sep 2023 10:56

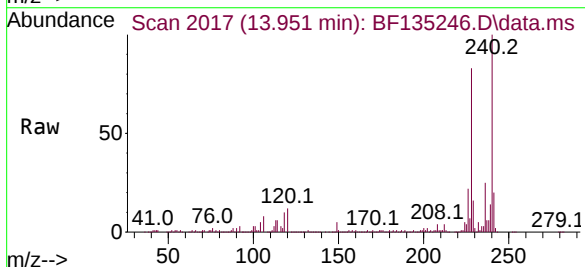
Instrument :  
BNA\_F  
ClientSampleId :



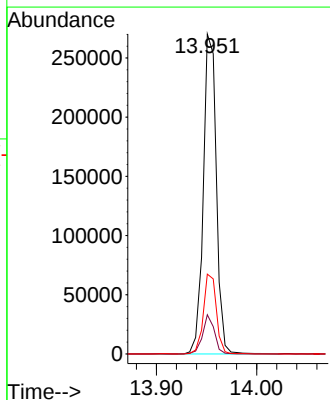
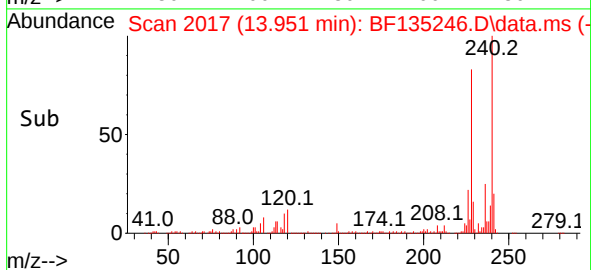
Tgt Ion:202 Resp: 958274  
Ion Ratio Lower Upper  
202 100  
101 10.4 0.0 31.3  
203 17.3 0.0 37.4

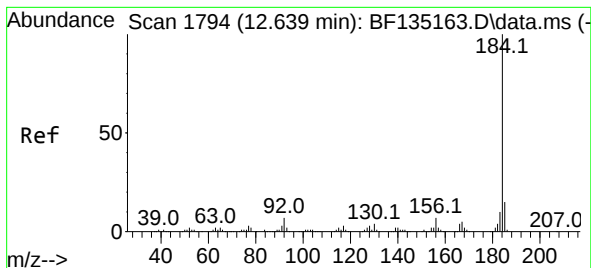


#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.951 min Scan# 2017  
Delta R.T. 0.006 min  
Lab File: BF135246.D  
Acq: 14 Sep 2023 10:56



Tgt Ion:240 Resp: 245023  
Ion Ratio Lower Upper  
240 100  
120 12.2 9.4 14.2  
236 25.0 19.8 29.8





#77

Benzidine

Concen: 43.264 ng

RT: 12.639 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF135246.D

Acq: 14 Sep 2023 10:56

Instrument :

BNA\_F

ClientSampleId :

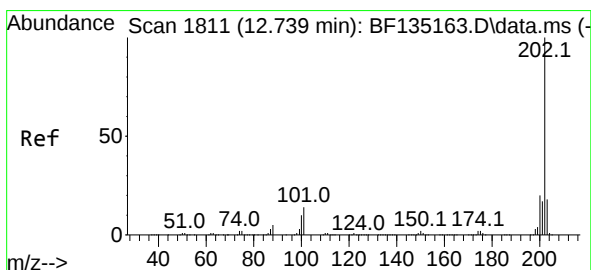
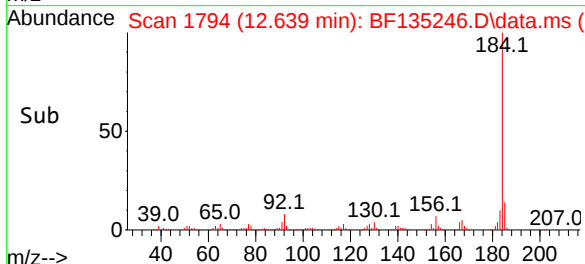
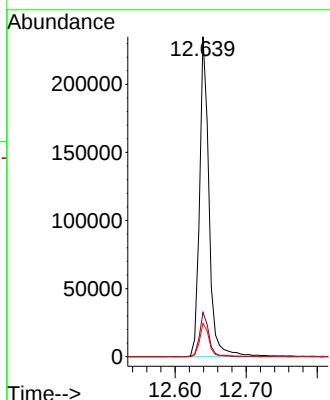
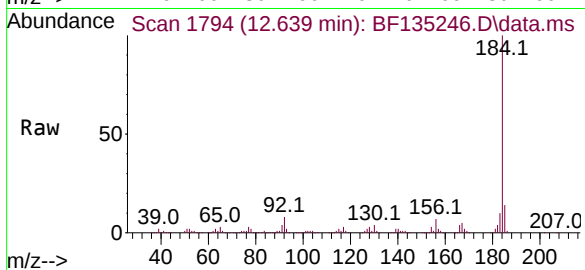
Tgt Ion:184 Resp: 217172

Ion Ratio Lower Upper

184 100

185 13.8 11.7 17.5

183 10.4 8.2 12.4



#78

Pyrene

Concen: 40.975 ng

RT: 12.745 min Scan# 1812

Delta R.T. 0.006 min

Lab File: BF135246.D

Acq: 14 Sep 2023 10:56

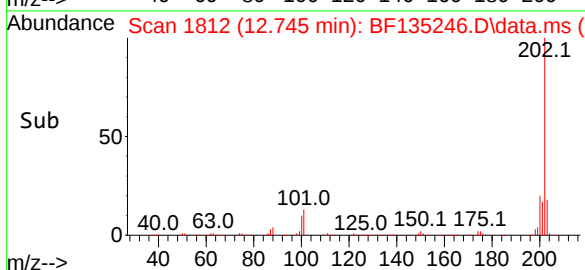
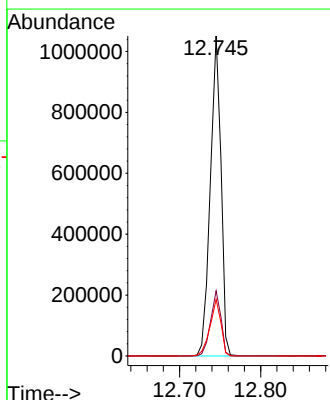
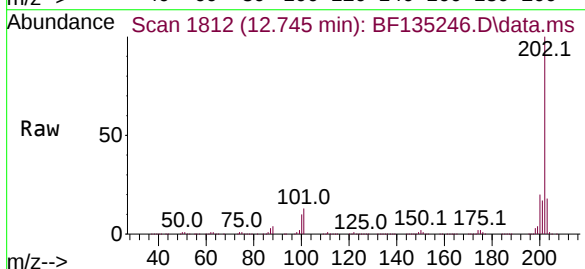
Tgt Ion:202 Resp: 955871

Ion Ratio Lower Upper

202 100

200 20.4 16.2 24.2

203 17.6 14.2 21.4





#79

Terphenyl-d14

Concen: 82.741 ng

RT: 12.892 min Scan# 11

Delta R.T. 0.000 min

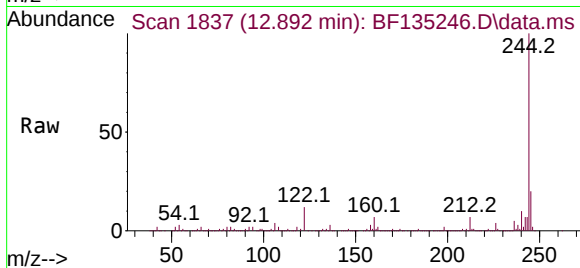
Lab File: BF135246.D

Acq: 14 Sep 2023 10:56

Instrument :

BNA\_F

ClientSampleId :



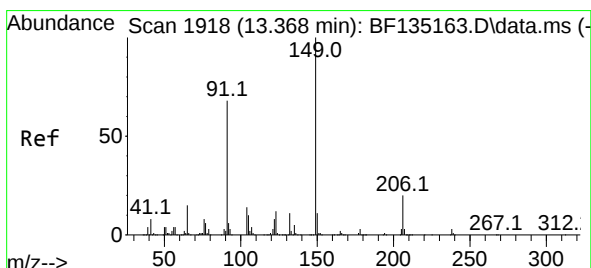
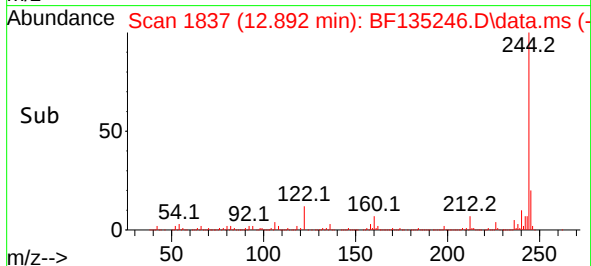
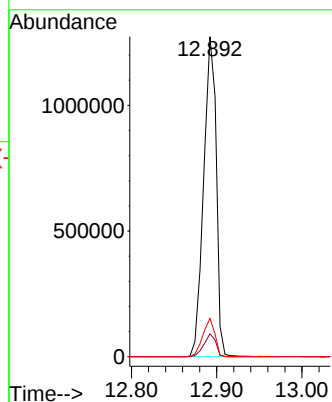
Tgt Ion:244 Resp: 1307796

Ion Ratio Lower Upper

244 100

212 7.2 5.1 7.7

122 11.9 7.9 11.9#



#80

Butylbenzylphthalate

Concen: 47.112 ng

RT: 13.374 min Scan# 1919

Delta R.T. 0.006 min

Lab File: BF135246.D

Acq: 14 Sep 2023 10:56

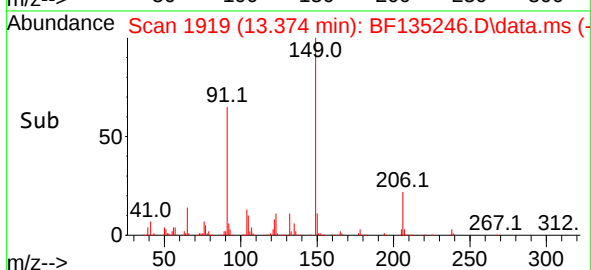
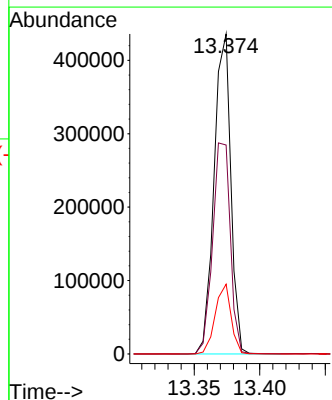
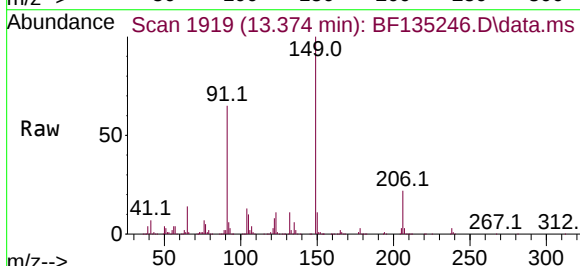
Tgt Ion:149 Resp: 386954

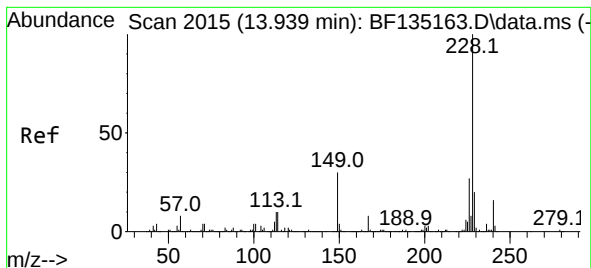
Ion Ratio Lower Upper

149 100

91 65.3 54.7 82.1

206 21.8 16.3 24.5





#81

Benzo(a)anthracene

Concen: 38.637 ng

RT: 13.945 min Scan# 2015

Delta R.T. 0.006 min

Lab File: BF135246.D

Acq: 14 Sep 2023 10:56

Instrument :

BNA\_F

ClientSampleId :

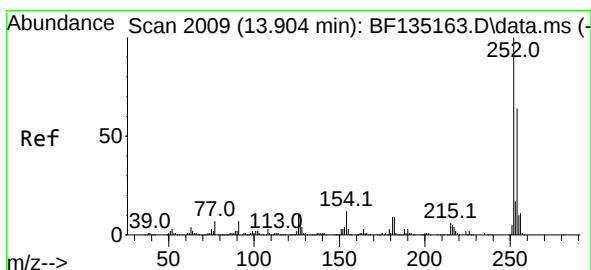
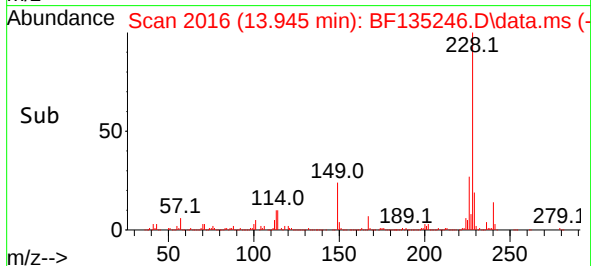
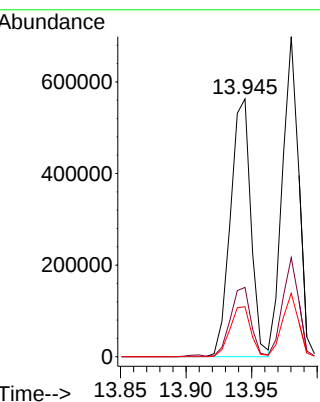
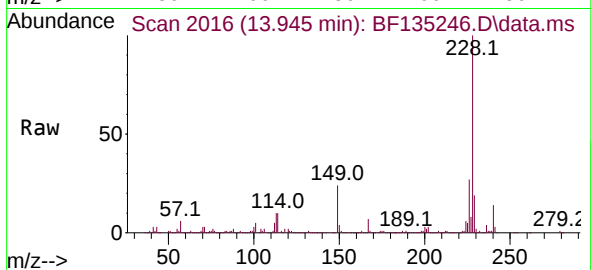
Tgt Ion:228 Resp: 611314

Ion Ratio Lower Upper

228 100

226 26.9 21.7 32.5

229 19.4 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 38.529 ng

RT: 13.910 min Scan# 2010

Delta R.T. 0.006 min

Lab File: BF135246.D

Acq: 14 Sep 2023 10:56

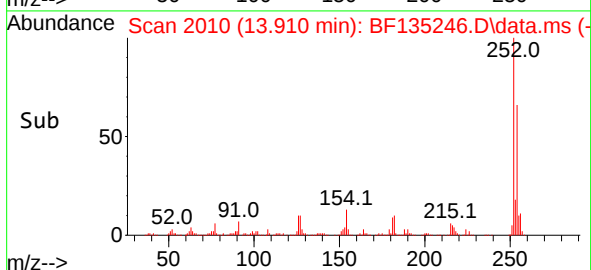
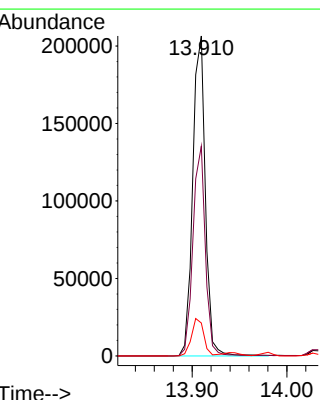
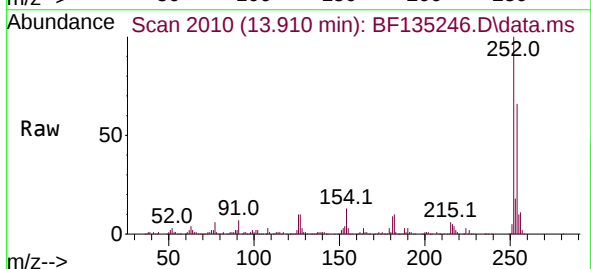
Tgt Ion:252 Resp: 190410

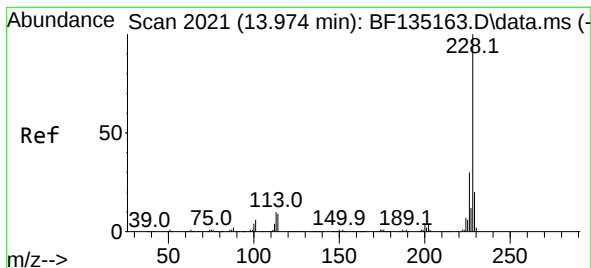
Ion Ratio Lower Upper

252 100

254 65.5 51.0 76.4

126 10.3 7.8 11.8





#83

Chrysene

Concen: 38.685 ng

RT: 13.980 min Scan# 20

Delta R.T. 0.006 min

Lab File: BF135246.D

Acq: 14 Sep 2023 10:56

Instrument :

BNA\_F

ClientSampleId :

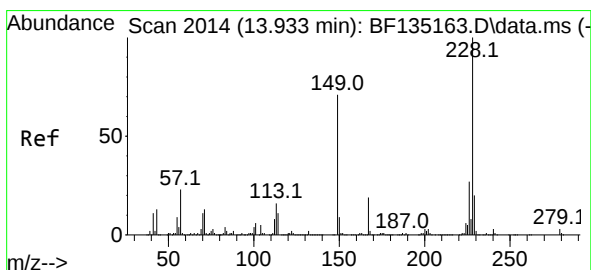
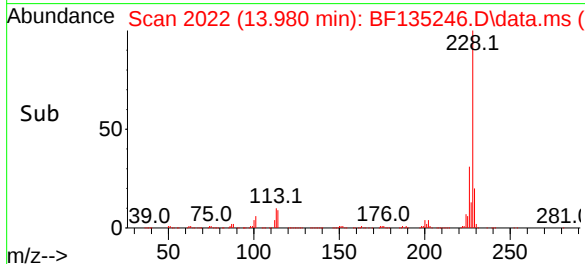
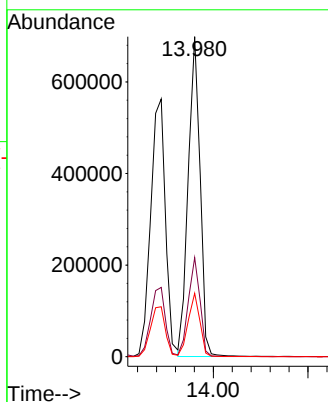
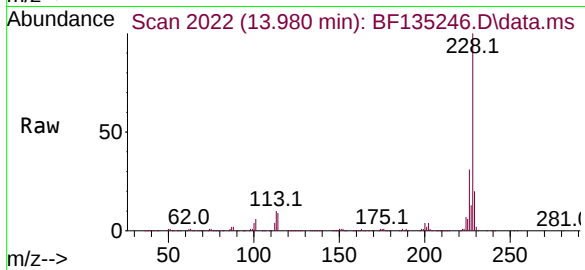
Tgt Ion:228 Resp: 608535

Ion Ratio Lower Upper

228 100

226 31.0 24.3 36.5

229 19.8 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 52.790 ng

RT: 13.939 min Scan# 2015

Delta R.T. 0.006 min

Lab File: BF135246.D

Acq: 14 Sep 2023 10:56

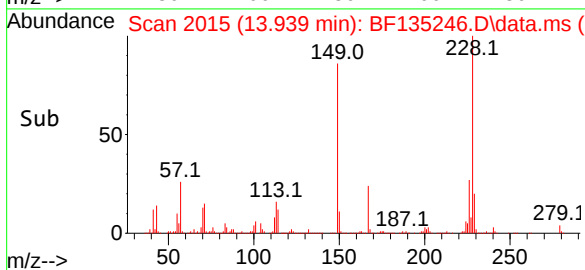
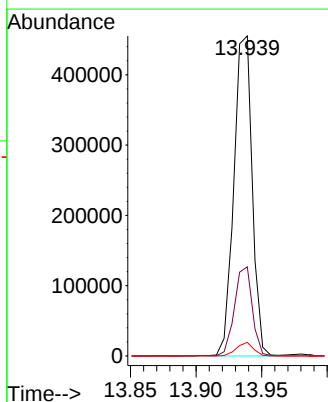
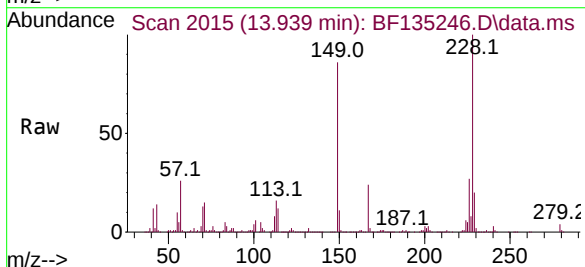
Tgt Ion:149 Resp: 444938

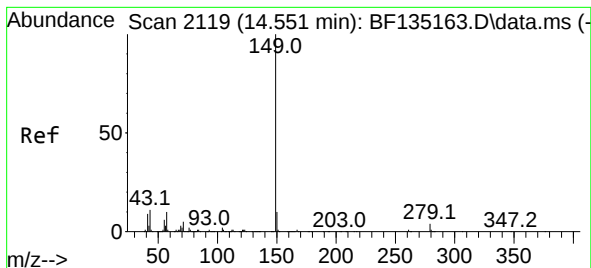
Ion Ratio Lower Upper

149 100

167 27.8 21.9 32.9

279 4.3 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 48.569 ng

RT: 14.551 min Scan# 2119

Delta R.T. 0.000 min

Lab File: BF135246.D

Acq: 14 Sep 2023 10:56

Instrument :

BNA\_F

ClientSampleId :

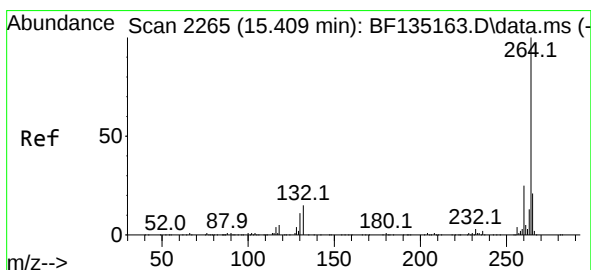
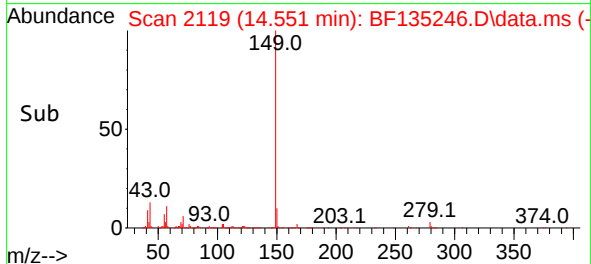
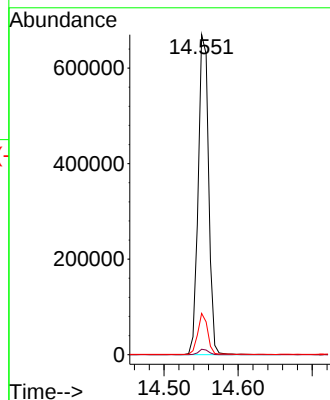
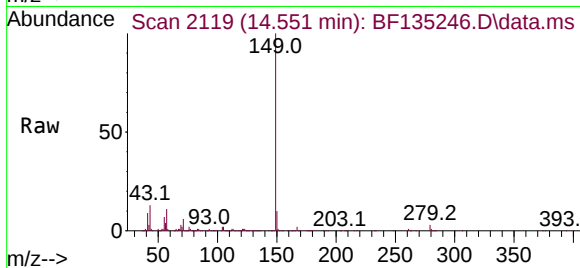
Tgt Ion:149 Resp: 650550

Ion Ratio Lower Upper

149 100

167 1.6 1.1 1.7

43 12.3 9.8 14.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.415 min Scan# 2266

Delta R.T. 0.006 min

Lab File: BF135246.D

Acq: 14 Sep 2023 10:56

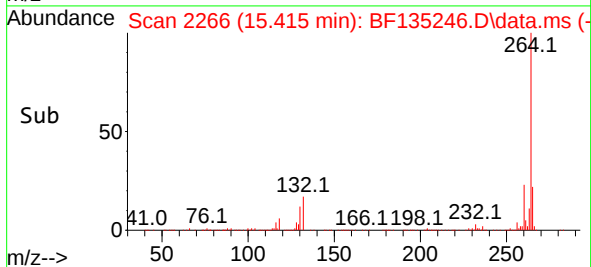
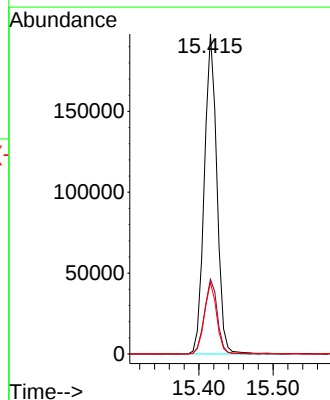
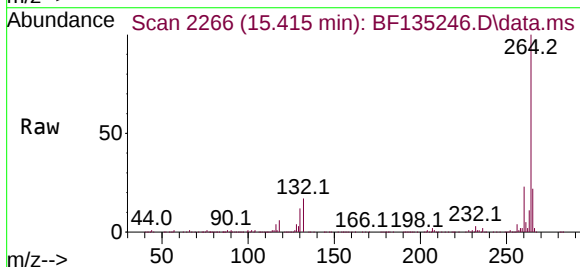
Tgt Ion:264 Resp: 233095

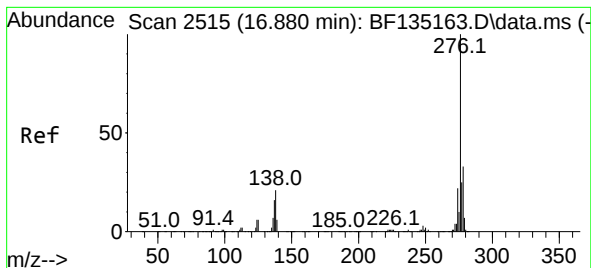
Ion Ratio Lower Upper

264 100

260 23.3 19.8 29.6

265 22.4 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 40.578 ng

RT: 16.904 min Scan# 2194

Delta R.T. 0.024 min

Lab File: BF135246.D

Acq: 14 Sep 2023 10:56

Instrument :

BNA\_F

ClientSampleId :

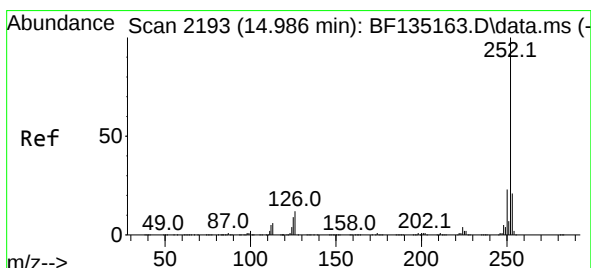
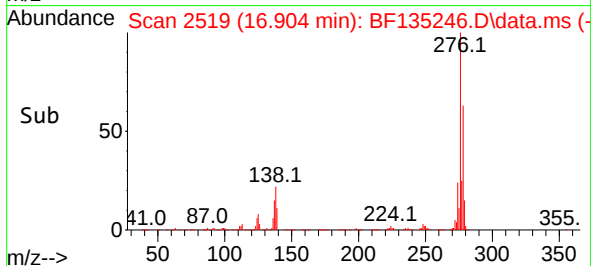
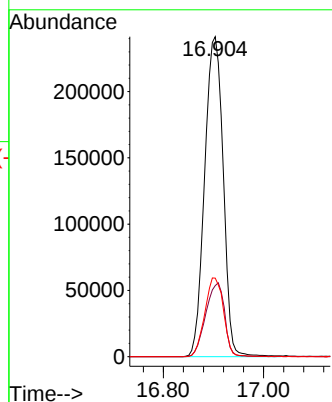
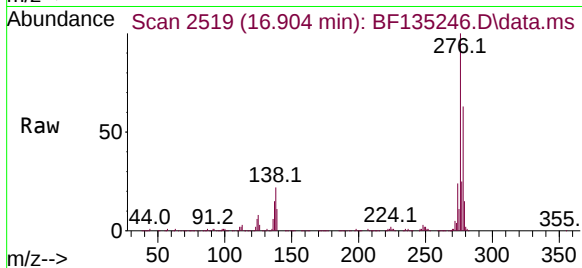
Tgt Ion:276 Resp: 620158

Ion Ratio Lower Upper

276 100

138 23.5 19.2 28.8

277 24.9 19.7 29.5



#88

Benzo(b)fluoranthene

Concen: 38.156 ng

RT: 14.992 min Scan# 2194

Delta R.T. 0.006 min

Lab File: BF135246.D

Acq: 14 Sep 2023 10:56

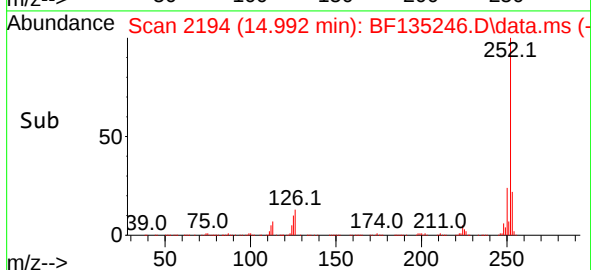
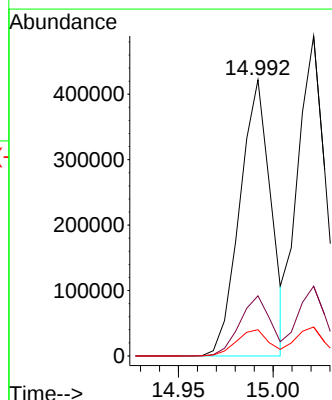
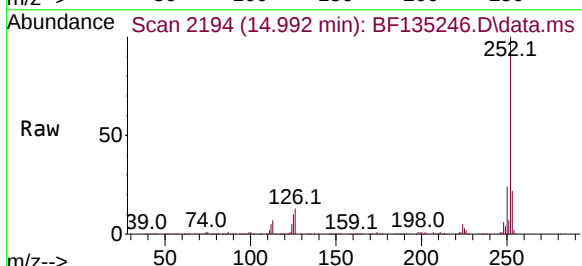
Tgt Ion:252 Resp: 481462

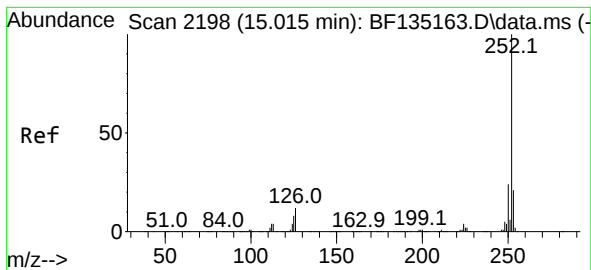
Ion Ratio Lower Upper

252 100

253 21.8 17.2 25.8

125 9.5 7.1 10.7





#89

Benzo(k)fluoranthene

Concen: 39.700 ng

RT: 15.021 min Scan# 2199

Delta R.T. 0.006 min

Lab File: BF135246.D

Acq: 14 Sep 2023 10:56

Instrument :

BNA\_F

ClientSampleId :

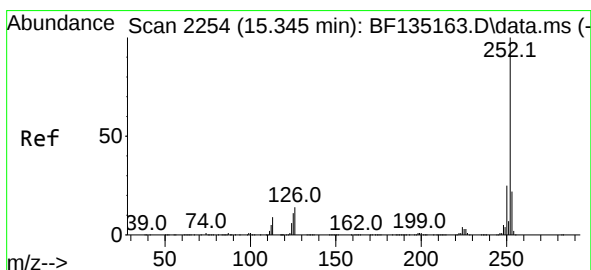
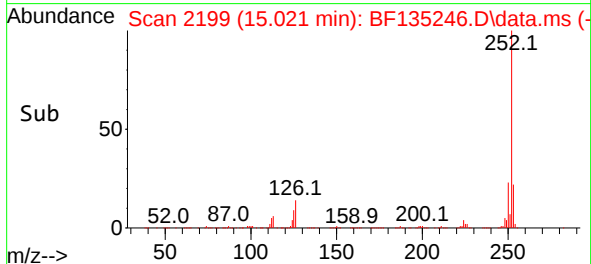
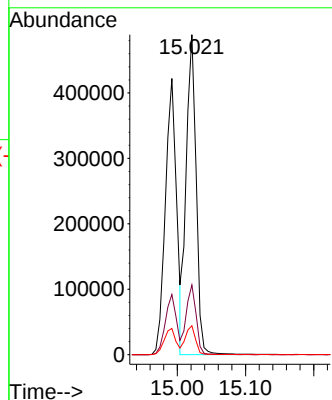
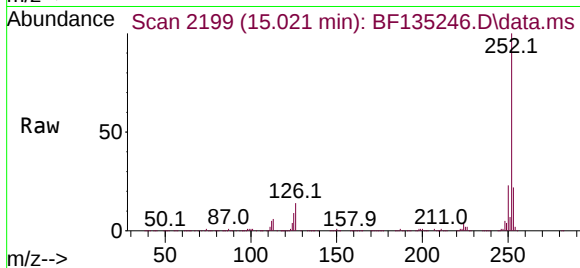
Tgt Ion:252 Resp: 494843

Ion Ratio Lower Upper

252 100

253 21.8 17.4 26.0

125 9.1 7.2 10.8



#90

Benzo(a)pyrene

Concen: 40.197 ng

RT: 15.357 min Scan# 2256

Delta R.T. 0.012 min

Lab File: BF135246.D

Acq: 14 Sep 2023 10:56

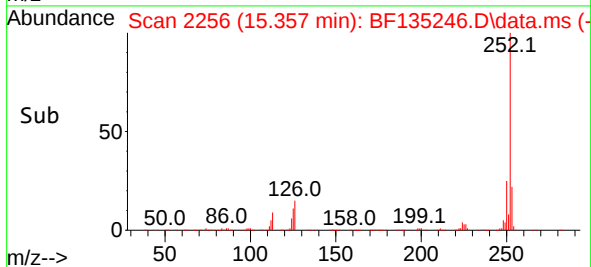
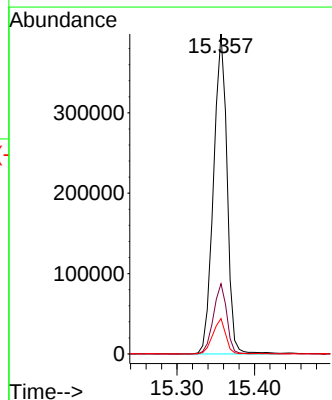
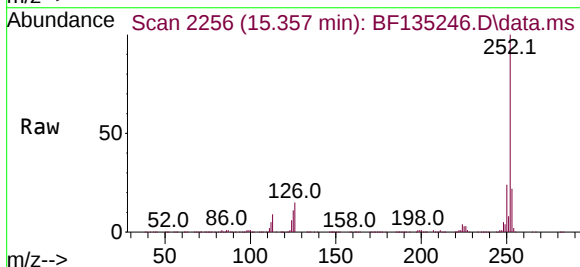
Tgt Ion:252 Resp: 483704

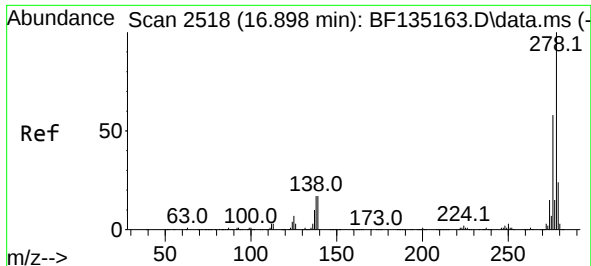
Ion Ratio Lower Upper

252 100

253 22.0 17.5 26.3

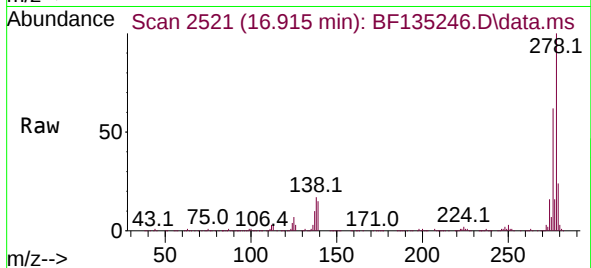
125 11.1 9.2 13.8



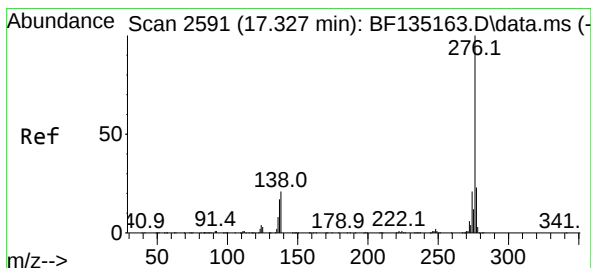
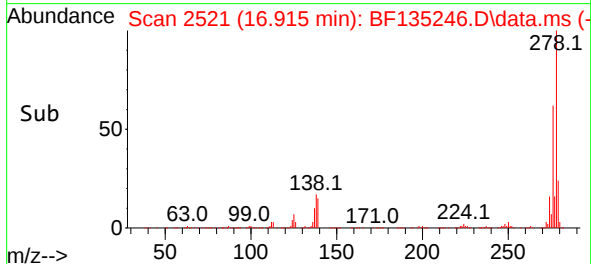
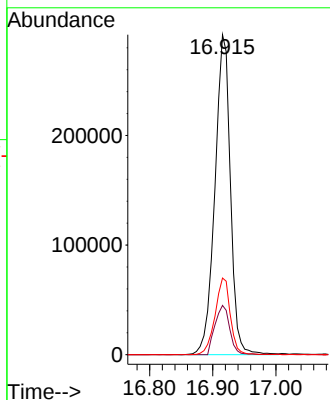


#91  
Dibenzo(a,h)anthracene  
Concen: 39.856 ng  
RT: 16.915 min Scan# 2521  
Delta R.T. 0.018 min  
Lab File: BF135246.D  
Acq: 14 Sep 2023 10:56

Instrument :  
BNA\_F  
ClientSampleId :



Tgt Ion:278 Resp: 498402  
Ion Ratio Lower Upper  
278 100  
139 15.4 13.4 20.0  
279 23.9 19.0 28.6



#92  
Benzo(g,h,i)perylene  
Concen: 39.290 ng  
RT: 17.351 min Scan# 2595  
Delta R.T. 0.024 min  
Lab File: BF135246.D  
Acq: 14 Sep 2023 10:56

Tgt Ion:276 Resp: 513115  
Ion Ratio Lower Upper  
276 100  
277 23.8 18.8 28.2  
138 20.2 16.9 25.3

