

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF092722\  
 Data File : BF130423.D  
 Acq On : 27 Sep 2022 13:52  
 Operator : CG\JU  
 Sample : PB147890BS  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB147890BS

Quant Time: Sep 27 18:41:02 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF091422.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Sep 27 01:00:47 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.645  | 152  | 135001   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 7.928  | 136  | 537320   | 20.000  | ng    | -0.01    |
| 39) Acenaphthene-d10          | 9.681  | 164  | 279087   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.157 | 188  | 482481   | 20.000  | ng    | -0.01    |
| 76) Chrysene-d12              | 13.792 | 240  | 279283   | 20.000  | ng    | -0.01    |
| 86) Perylene-d12              | 15.174 | 264  | 242667   | 20.000  | ng    | -0.02    |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.263  | 112  | 1028311  | 132.115 | ng    | 0.02     |
| 7) Phenol-d6                  | 6.298  | 99   | 1263842  | 129.773 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.216  | 82   | 798520   | 75.923  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.475 | 330  | 402367   | 150.463 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.010  | 172  | 1549810  | 80.864  | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.745 | 244  | 1593335  | 94.504  | ng    | -0.01    |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.357  | 88   | 106941   | 29.917  | ng    | 97       |
| 3) Pyridine                   | 3.034  | 79   | 293346   | 31.459  | ng    | 93       |
| 4) n-Nitrosodimethylamine     | 2.993  | 42   | 174325   | 34.373  | ng    | 91       |
| 6) Aniline                    | 6.310  | 93   | 468869   | 39.074  | ng    | # 34     |
| 8) 2-Chlorophenol             | 6.434  | 128  | 388092   | 43.771  | ng    | 91       |
| 9) Benzaldehyde               | 6.192  | 77   | 218256   | 33.457  | ng    | 96       |
| 10) Phenol                    | 6.310  | 94   | 462601   | 40.533  | ng    | # 77     |
| 11) bis(2-Chloroethyl)ether   | 6.392  | 93   | 339921   | 41.292  | ng    | 91       |
| 12) 1,3-Dichlorobenzene       | 6.587  | 146  | 413335   | 42.367  | ng    | 96       |
| 13) 1,4-Dichlorobenzene       | 6.663  | 146  | 422032   | 42.421  | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 6.816  | 146  | 399943   | 43.034  | ng    | 97       |
| 15) Benzyl Alcohol            | 6.798  | 79   | 281869   | 36.504  | ng    | 95       |
| 16) 2,2'-oxybis(1-Chloropr... | 6.928  | 45   | 424903   | 35.389  | ng    | 89       |
| 17) 2-Methylphenol            | 6.916  | 107  | 299668   | 41.577  | ng    | 96       |
| 18) Hexachloroethane          | 7.157  | 117  | 160309   | 40.878  | ng    | 92       |
| 19) n-Nitroso-di-n-propyla... | 7.075  | 70   | 250923   | 38.183  | ng    | 92       |
| 20) 3+4-Methylphenols         | 7.069  | 107  | 374256   | 39.972  | ng    | # 78     |
| 22) Acetophenone              | 7.063  | 105  | 537010   | 40.879  | ng    | 94       |
| 24) Nitrobenzene              | 7.234  | 77   | 392966   | 36.797  | ng    | 94       |
| 25) Isophorone                | 7.475  | 82   | 683536   | 40.323  | ng    | 98       |
| 26) 2-Nitrophenol             | 7.551  | 139  | 205490   | 46.939  | ng    | # 84     |
| 27) 2,4-Dimethylphenol        | 7.592  | 122  | 309791   | 45.958  | ng    | 97       |
| 28) bis(2-Chloroethoxy)met... | 7.692  | 93   | 413857   | 43.358  | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 7.792  | 162  | 309829   | 41.944  | ng    | 97       |
| 30) 1,2,4-Trichlorobenzene    | 7.869  | 180  | 333112   | 41.711  | ng    | 97       |
| 31) Naphthalene               | 7.951  | 128  | 1090486  | 39.393  | ng    | 100      |
| 32) Benzoic acid              | 7.745  | 122  | 200081   | 38.383  | ng    | 95       |
| 33) 4-Chloroaniline           | 8.004  | 127  | 359656   | 34.161  | ng    | 98       |
| 34) Hexachlorobutadiene       | 8.069  | 225  | 213641   | 41.858  | ng    | 99       |
| 35) Caprolactam               | 8.386  | 113  | 49537    | 23.393  | ng    | # 85     |
| 36) 4-Chloro-3-methylphenol   | 8.498  | 107  | 333342   | 40.713  | ng    | 99       |
| 37) 2-Methylnaphthalene       | 8.639  | 142  | 719775   | 40.781  | ng    | 99       |
| 38) 1-Methylnaphthalene       | 8.739  | 142  | 675723   | 39.853  | ng    | 98       |
| 40) 1,2,4,5-Tetrachloroben... | 8.810  | 216  | 335380   | 44.034  | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 8.792  | 237  | 417401   | 102.360 | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 8.922  | 196  | 220016   | 41.391  | ng    | 96       |

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 QLast Update : Tue Sep 27 01:00:47 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 8.963  | 196  | 238769   | 41.626 | ng    | 97       |
| 46) 1,1'-Biphenyl             | 9.110  | 154  | 868551   | 41.670 | ng    | 98       |
| 47) 2-Chloronaphthalene       | 9.128  | 162  | 684321   | 40.586 | ng    | 99       |
| 48) 2-Nitroaniline            | 9.233  | 65   | 201878   | 35.898 | ng    | 88       |
| 49) Acenaphthylene            | 9.545  | 152  | 1007046  | 39.835 | ng    | 100      |
| 50) Dimethylphthalate         | 9.416  | 163  | 774827   | 40.192 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 9.481  | 165  | 174879   | 43.375 | ng    | # 73     |
| 52) Acenaphthene              | 9.716  | 154  | 604950   | 36.421 | ng    | 98       |
| 53) 3-Nitroaniline            | 9.645  | 138  | 140784   | 31.337 | ng    | 93       |
| 54) 2,4-Dinitrophenol         | 9.757  | 184  | 180073   | 82.152 | ng    | # 79     |
| 55) Dibenzofuran              | 9.886  | 168  | 921290   | 39.877 | ng    | 98       |
| 56) 4-Nitrophenol             | 9.822  | 139  | 262392   | 80.189 | ng    | 87       |
| 57) 2,4-Dinitrotoluene        | 9.880  | 165  | 229200   | 44.482 | ng    | 92       |
| 58) Fluorene                  | 10.228 | 166  | 750564   | 39.724 | ng    | 98       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.004 | 232  | 182378   | 40.621 | ng    | 93       |
| 60) Diethylphthalate          | 10.116 | 149  | 758554   | 39.238 | ng    | 98       |
| 61) 4-Chlorophenyl-phenyle... | 10.222 | 204  | 349933   | 42.218 | ng    | 96       |
| 62) 4-Nitroaniline            | 10.263 | 138  | 181660   | 40.252 | ng    | 90       |
| 63) Azobenzene                | 10.380 | 77   | 692396   | 34.782 | ng    | 96       |
| 65) 4,6-Dinitro-2-methylph... | 10.286 | 198  | 117742   | 43.838 | ng    | 88       |
| 66) n-Nitrosodiphenylamine    | 10.345 | 169  | 640608   | 39.733 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 10.710 | 248  | 224803   | 42.236 | ng    | 94       |
| 68) Hexachlorobenzene         | 10.769 | 284  | 260409   | 43.161 | ng    | 95       |
| 69) Atrazine                  | 10.880 | 200  | 211853   | 44.963 | ng    | 96       |
| 70) Pentachlorophenol         | 10.969 | 266  | 267221   | 82.524 | ng    | 99       |
| 71) Phenanthrene              | 11.186 | 178  | 1050470  | 38.779 | ng    | 100      |
| 72) Anthracene                | 11.239 | 178  | 1069295  | 40.905 | ng    | 99       |
| 73) Carbazole                 | 11.398 | 167  | 960725   | 40.723 | ng    | 99       |
| 74) Di-n-butylphthalate       | 11.727 | 149  | 1138924  | 40.034 | ng    | 99       |
| 75) Fluoranthene              | 12.369 | 202  | 1051909  | 40.187 | ng    | 98       |
| 77) Benzidine                 | 12.504 | 184  | 647478   | 79.863 | ng    | 98       |
| 78) Pyrene                    | 12.598 | 202  | 1037268  | 42.456 | ng    | 99       |
| 80) Butylbenzylphthalate      | 13.221 | 149  | 394561   | 43.593 | ng    | 96       |
| 81) Benzo(a)anthracene        | 13.780 | 228  | 765971   | 41.227 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 13.751 | 252  | 216811   | 42.869 | ng    | # 98     |
| 83) Chrysene                  | 13.816 | 228  | 720699   | 40.854 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 13.780 | 149  | 451151   | 43.517 | ng    | 97       |
| 85) Di-n-octyl phthalate      | 14.392 | 149  | 658106   | 41.503 | ng    | 95       |
| 87) Indeno(1,2,3-cd)pyrene    | 16.498 | 276  | 721308   | 41.916 | ng    | 98       |
| 88) Benzo(b)fluoranthene      | 14.792 | 252  | 696857   | 43.997 | ng    | 98       |
| 89) Benzo(k)fluoranthene      | 14.815 | 252  | 633981   | 40.691 | ng    | 99       |
| 90) Benzo(a)pyrene            | 15.121 | 252  | 579105   | 46.151 | ng    | 98       |
| 91) Dibenzo(a,h)anthracene    | 16.515 | 278  | 621005   | 43.990 | ng    | 99       |
| 92) Benzo(g,h,i)perylene      | 16.898 | 276  | 615355   | 43.272 | ng    | 98       |

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

**Instrument :**

BNA F

ClientSampleId :

PB147890BS

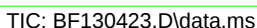
Quant Time: Sep 27 18:41:02 2022

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF091422.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Sep 27 01:00:47 2022

Response via : Initial Calibration

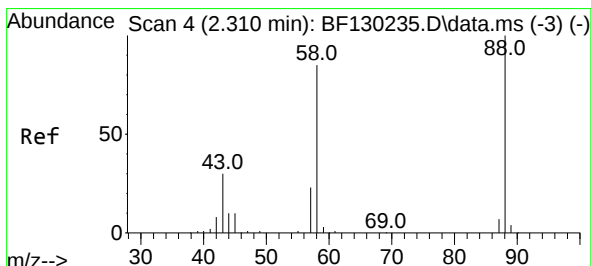
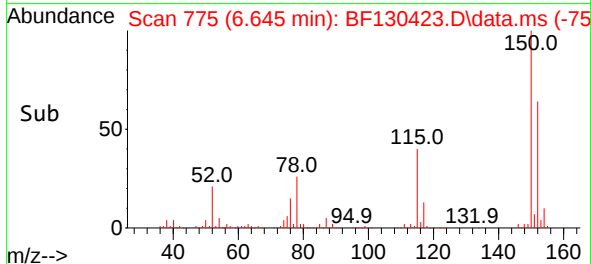
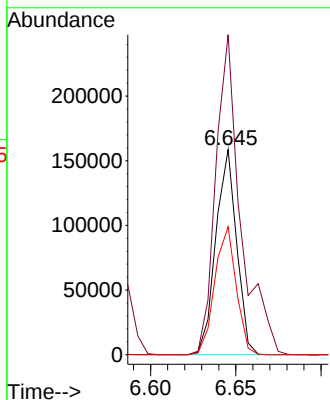
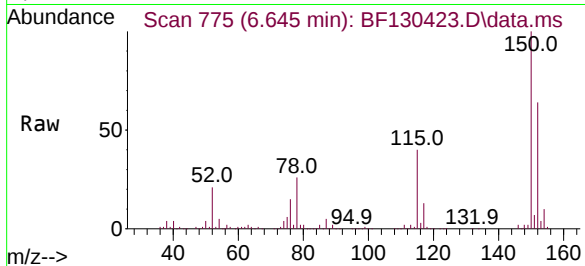




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.645 min Scan# 71  
 Delta R.T. -0.006 min  
 Lab File: BF130423.D  
 Acq: 27 Sep 2022 13:52

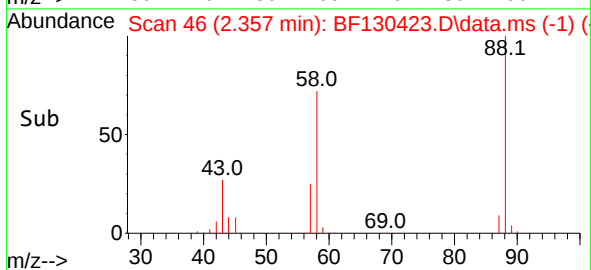
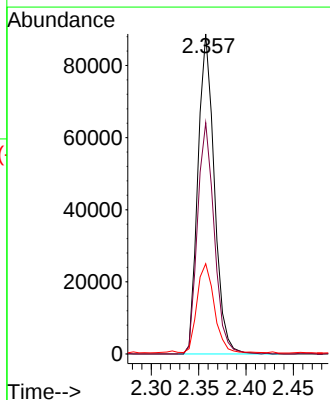
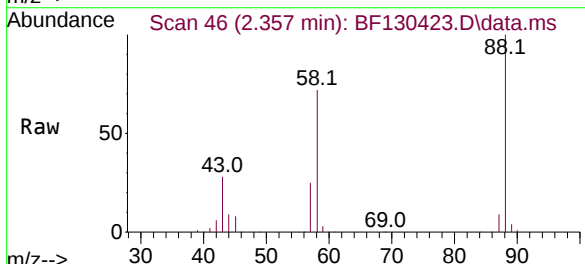
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB147890BS

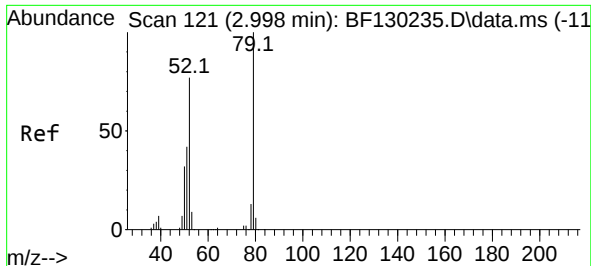
Tgt Ion:152 Resp: 135001  
 Ion Ratio Lower Upper  
 152 100  
 150 156.1 122.8 184.2  
 115 62.3 53.8 80.8



#2  
 1,4-Dioxane  
 Concen: 29.917 ng  
 RT: 2.357 min Scan# 46  
 Delta R.T. 0.129 min  
 Lab File: BF130423.D  
 Acq: 27 Sep 2022 13:52

Tgt Ion: 88 Resp: 106941  
 Ion Ratio Lower Upper  
 88 100  
 58 73.6 61.3 91.9  
 43 29.1 23.0 34.6





#3

Pyridine

Concen: 31.459 ng

RT: 3.034 min Scan# 1

Delta R.T. 0.123 min

Lab File: BF130423.D

Acq: 27 Sep 2022 13:52

Instrument :

BNA\_F

ClientSampleId :

PB147890BS

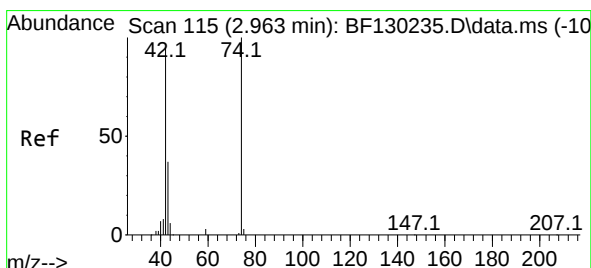
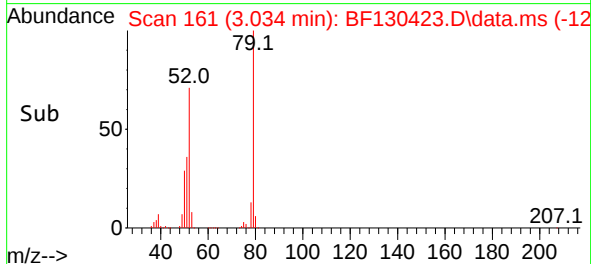
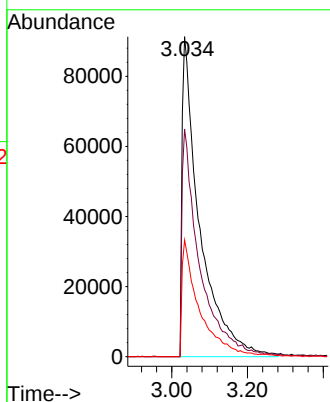
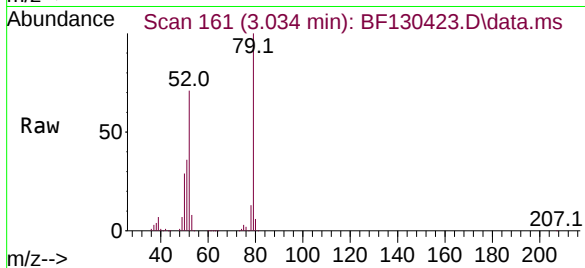
Tgt Ion: 79 Resp: 293346

Ion Ratio Lower Upper

79 100

52 71.1 62.4 93.6

51 36.4 32.2 48.4



#4

n-Nitrosodimethylamine

Concen: 34.373 ng

RT: 2.993 min Scan# 154

Delta R.T. 0.123 min

Lab File: BF130423.D

Acq: 27 Sep 2022 13:52

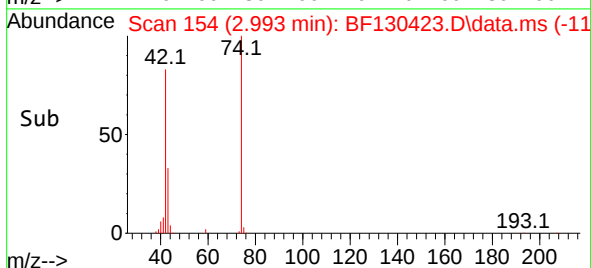
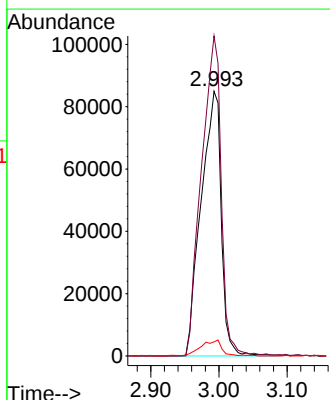
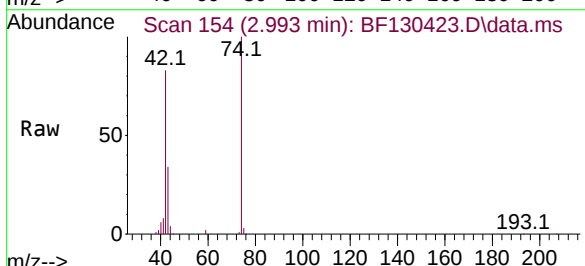
Tgt Ion: 42 Resp: 174325

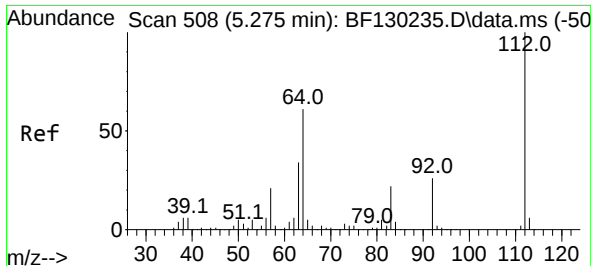
Ion Ratio Lower Upper

42 100

74 120.9 88.4 132.6

44 5.4 5.0 7.4

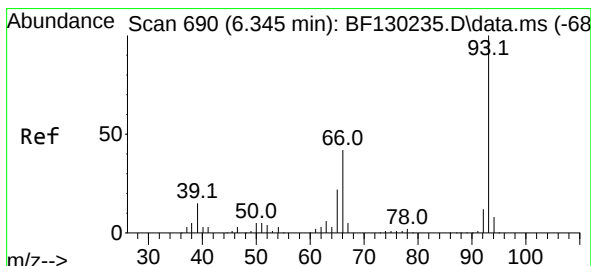
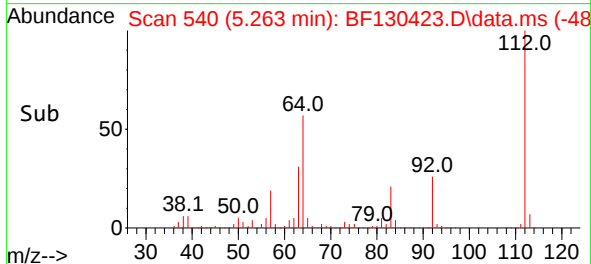
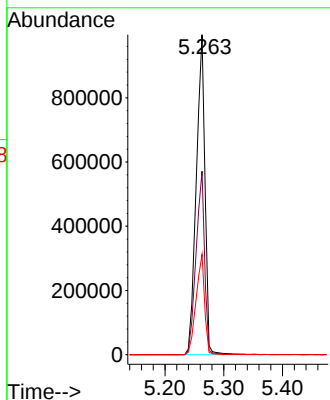
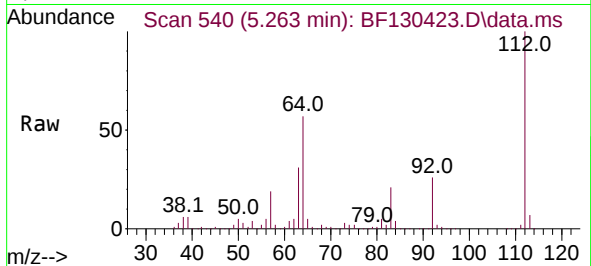




#5  
2-Fluorophenol  
Concen: 132.115 ng  
RT: 5.263 min Scan# 54  
Delta R.T. 0.018 min  
Lab File: BF130423.D  
Acq: 27 Sep 2022 13:52

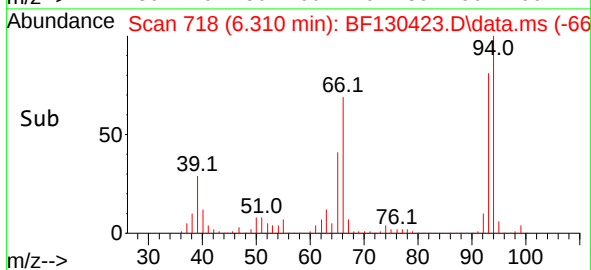
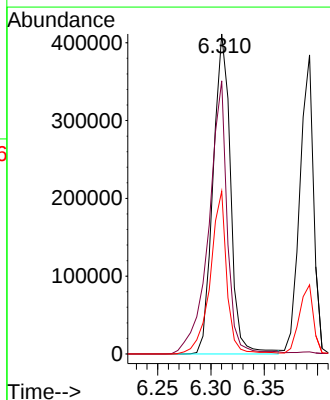
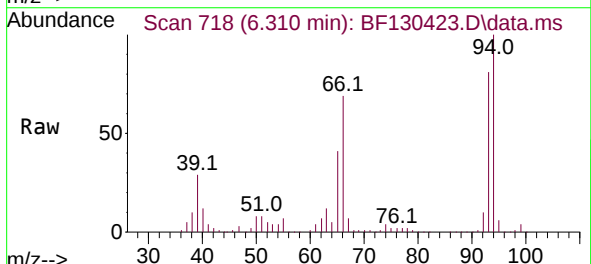
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Tgt Ion:112 Resp: 1028311  
Ion Ratio Lower Upper  
112 100  
64 57.3 51.4 77.0  
63 31.4 28.8 43.2



#6  
Aniline  
Concen: 39.074 ng  
RT: 6.310 min Scan# 718  
Delta R.T. -0.006 min  
Lab File: BF130423.D  
Acq: 27 Sep 2022 13:52

Tgt Ion: 93 Resp: 468869  
Ion Ratio Lower Upper  
93 100  
66 85.3 34.2 51.4#  
65 50.8 16.6 24.8#

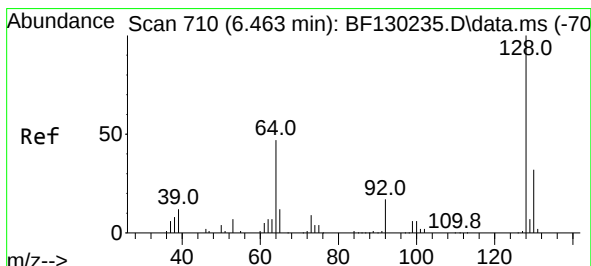
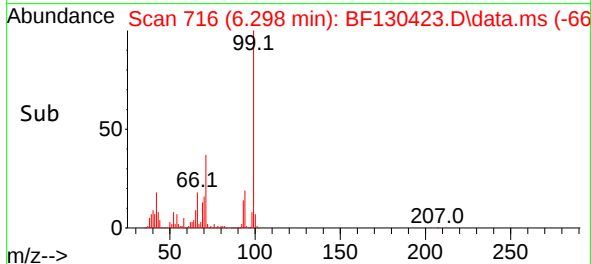
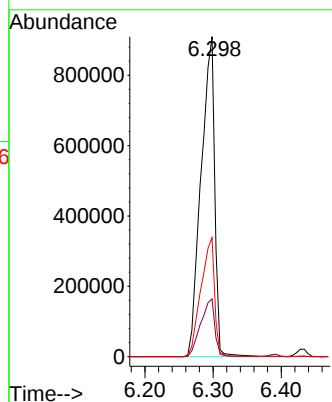
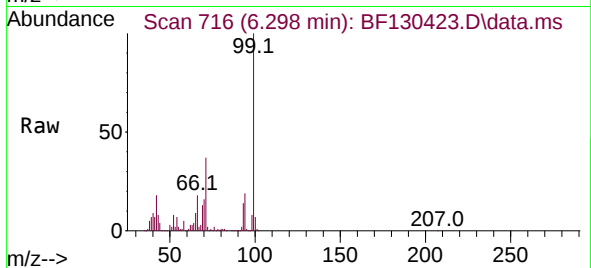




#7  
Phenol-d6  
Concen: 129.773 ng  
RT: 6.298 min Scan# 716  
Delta R.T. 0.006 min  
Lab File: BF130423.D  
Acq: 27 Sep 2022 13:52

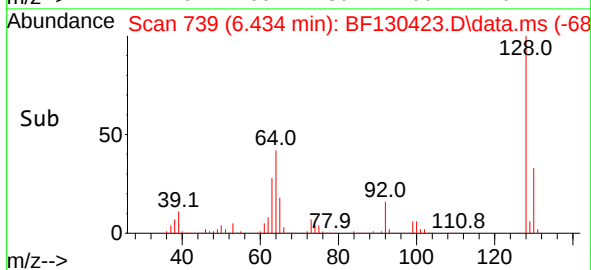
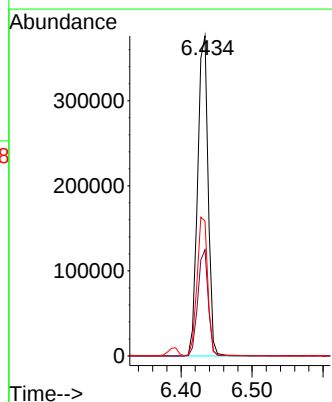
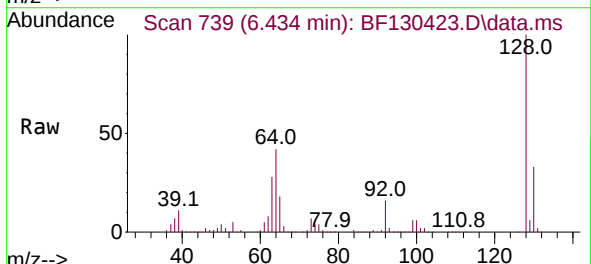
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BNA\_F  
ClientSampleId :  
PB147890BS

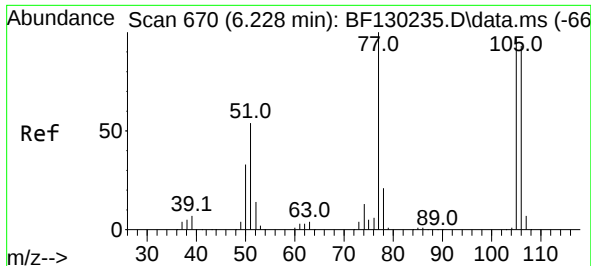
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Ion Ratio Lower Upper  
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42 18.0 17.0 25.6  
71 37.2 32.3 48.5



#8  
2-Chlorophenol  
Concen: 43.771 ng  
RT: 6.434 min Scan# 739  
Delta R.T. -0.006 min  
Lab File: BF130423.D  
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Tgt Ion:128 Resp: 388092  
Ion Ratio Lower Upper  
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64 42.2 31.6 71.6

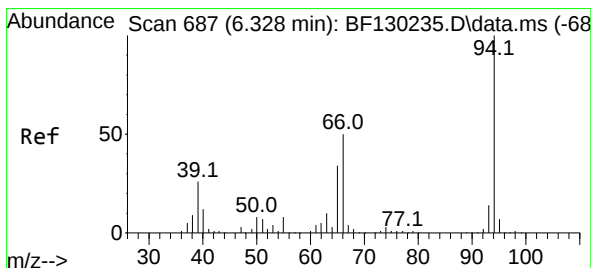
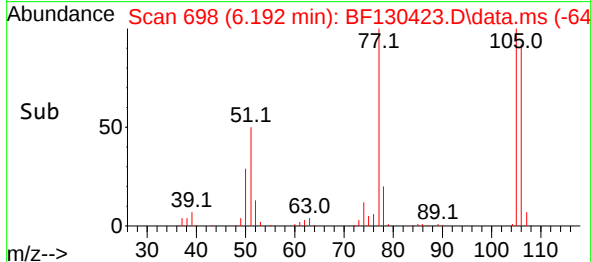
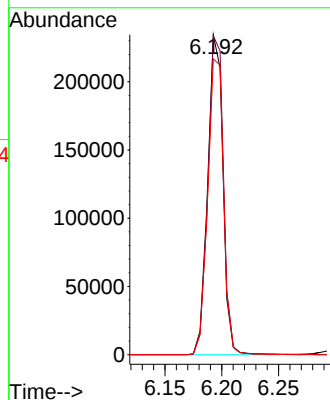
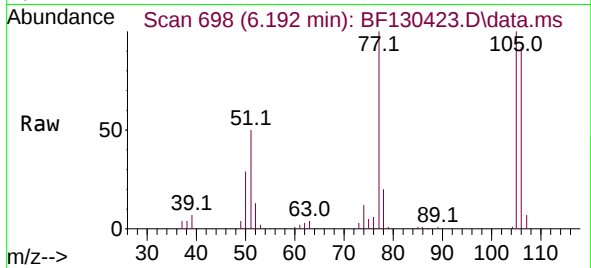




#9  
Benzaldehyde  
Concen: 33.457 ng  
RT: 6.192 min Scan# 61  
Delta R.T. -0.006 min  
Lab File: BF130423.D  
Acq: 27 Sep 2022 13:52

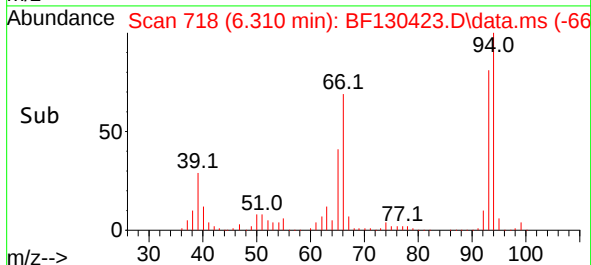
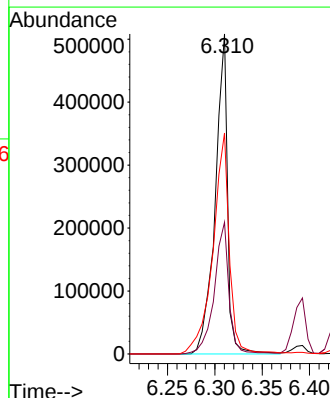
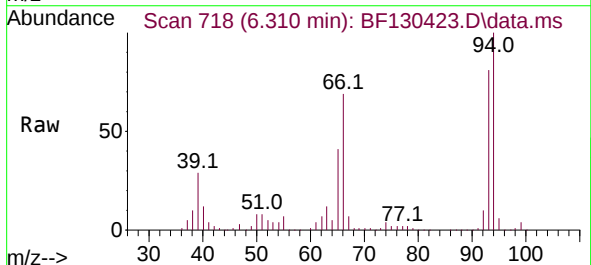
Instrument :  
BNA\_F  
ClientSampleId :  
PB147890BS

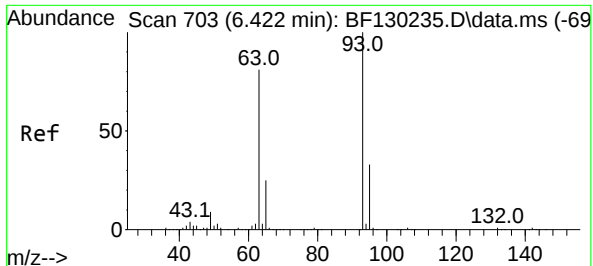
Tgt Ion: 77 Resp: 218256  
Ion Ratio Lower Upper  
77 100  
105 99.7 75.1 115.1  
106 92.5 69.7 109.7



#10  
Phenol  
Concen: 40.533 ng  
RT: 6.310 min Scan# 718  
Delta R.T. -0.000 min  
Lab File: BF130423.D  
Acq: 27 Sep 2022 13:52

Tgt Ion: 94 Resp: 462601  
Ion Ratio Lower Upper  
94 100  
65 41.1 14.1 54.1  
66 69.0 28.1 68.1#

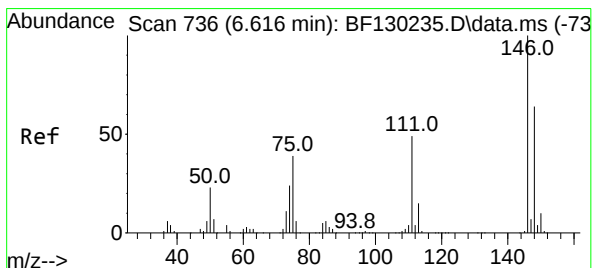
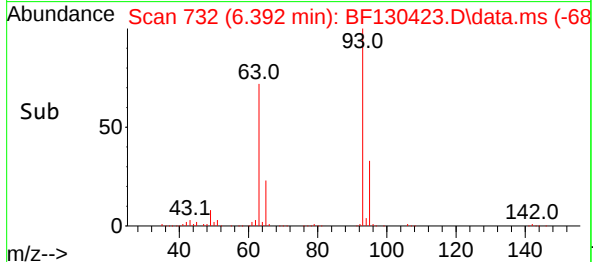
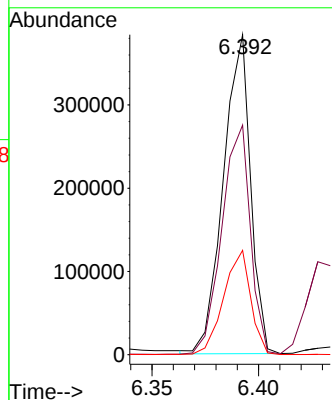
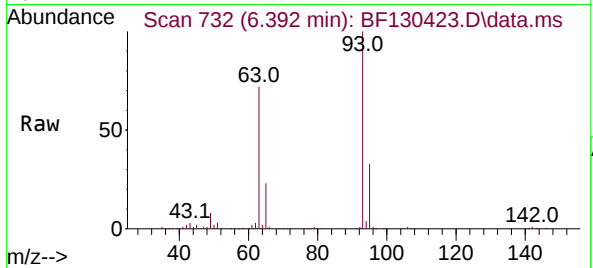




#11  
bis(2-Chloroethyl)ether  
Concen: 41.292 ng  
RT: 6.392 min Scan# 711  
Delta R.T. -0.000 min  
Lab File: BF130423.D  
Acq: 27 Sep 2022 13:52

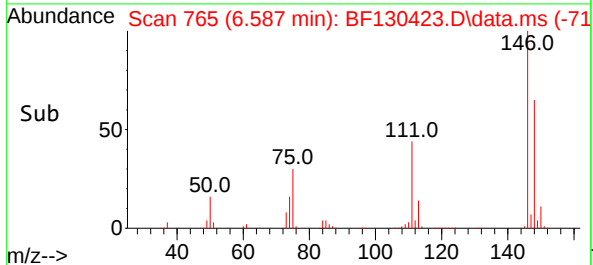
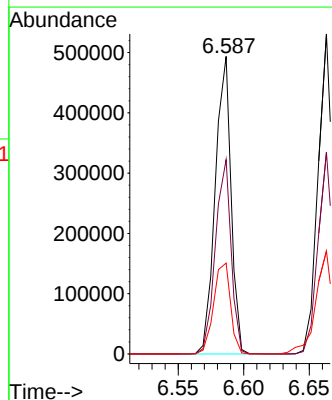
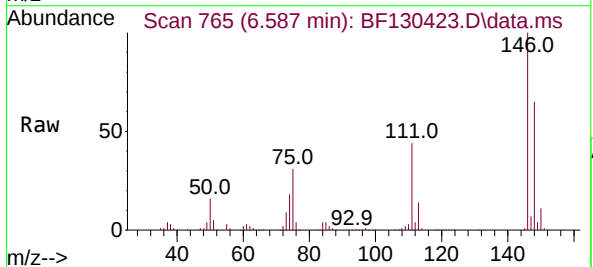
Instrument :  
BNA\_F  
ClientSampleId :  
PB147890BS

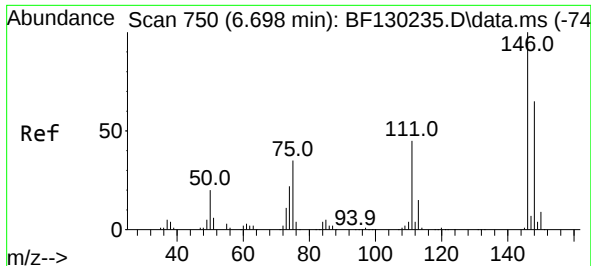
Tgt Ion: 93 Resp: 339921  
Ion Ratio Lower Upper  
93 100  
63 71.7 62.5 102.5  
95 32.6 12.5 52.5



#12  
1,3-Dichlorobenzene  
Concen: 42.367 ng  
RT: 6.587 min Scan# 765  
Delta R.T. -0.006 min  
Lab File: BF130423.D  
Acq: 27 Sep 2022 13:52

Tgt Ion:146 Resp: 413335  
Ion Ratio Lower Upper  
146 100  
148 65.3 51.4 77.2  
75 30.5 28.8 43.2

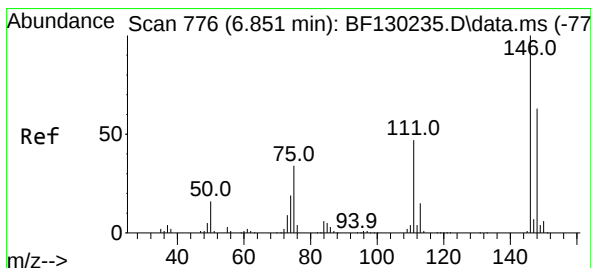
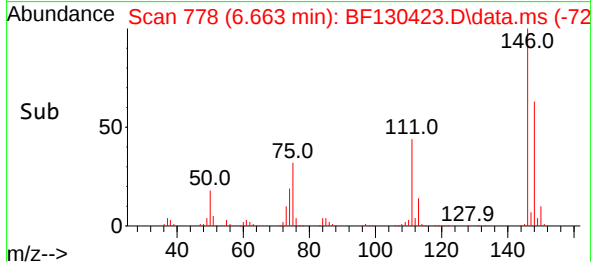
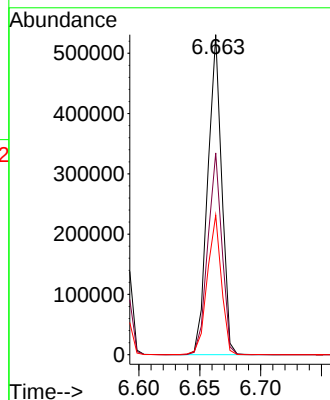
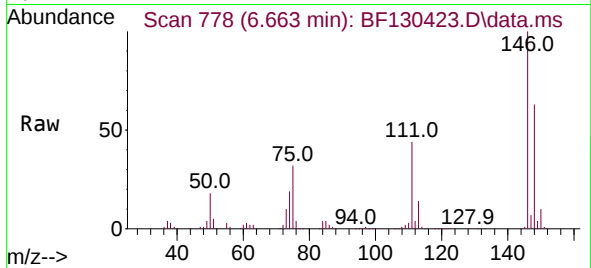




#13  
 1,4-Dichlorobenzene  
 Concen: 42.421 ng  
 RT: 6.663 min Scan# 71  
 Delta R.T. -0.006 min  
 Lab File: BF130423.D  
 Acq: 27 Sep 2022 13:52

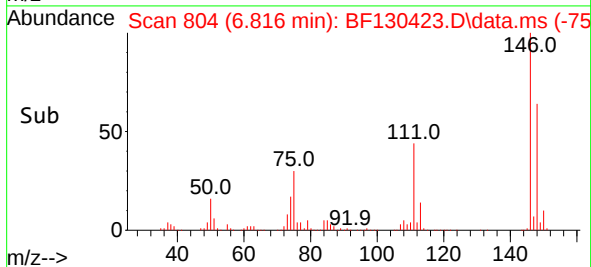
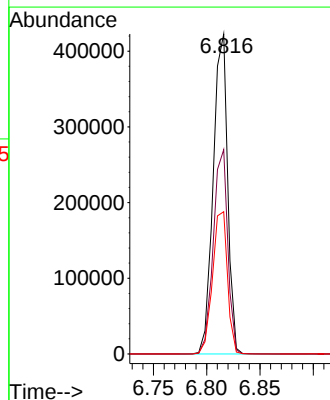
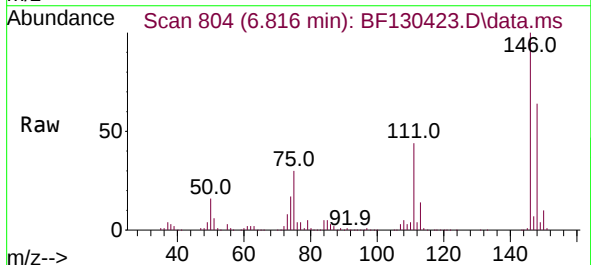
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB147890BS

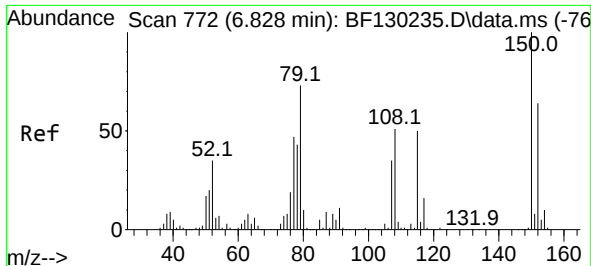
Tgt Ion:146 Resp: 422032  
 Ion Ratio Lower Upper  
 146 100  
 148 63.1 50.3 75.5  
 111 43.6 36.3 54.5



#14  
 1,2-Dichlorobenzene  
 Concen: 43.034 ng  
 RT: 6.816 min Scan# 804  
 Delta R.T. -0.006 min  
 Lab File: BF130423.D  
 Acq: 27 Sep 2022 13:52

Tgt Ion:146 Resp: 399943  
 Ion Ratio Lower Upper  
 146 100  
 148 63.9 51.6 77.4  
 111 44.4 39.2 58.8

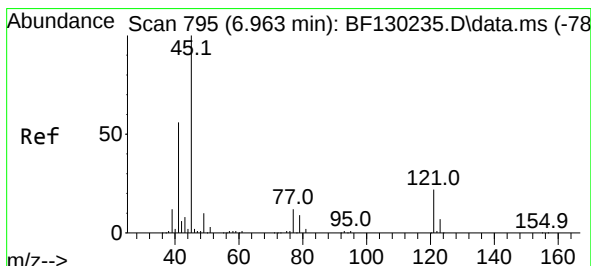
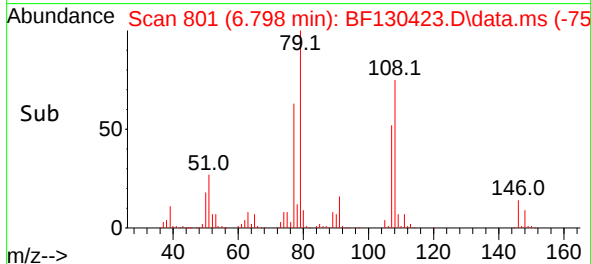
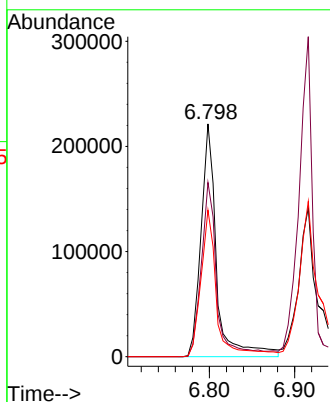
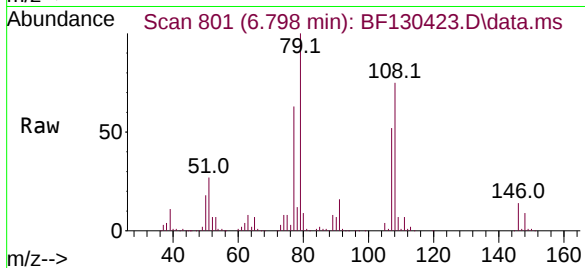




#15  
Benzyl Alcohol  
Concen: 36.504 ng  
RT: 6.798 min Scan# 801  
Delta R.T. -0.006 min  
Lab File: BF130423.D  
Acq: 27 Sep 2022 13:52

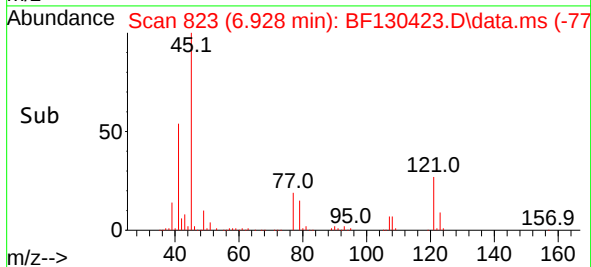
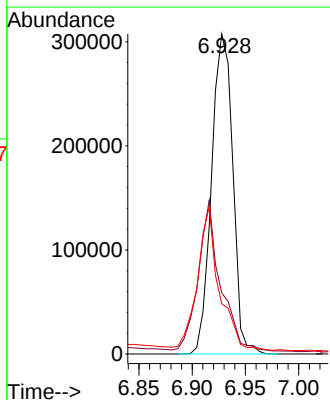
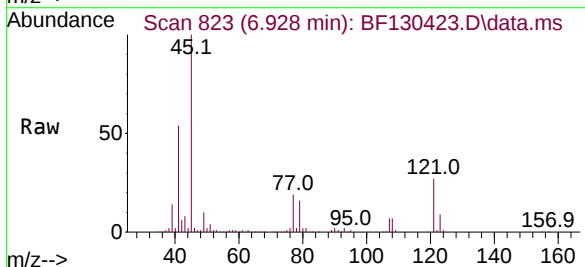
Instrument :  
BNA\_F  
ClientSampleId :  
PB147890BS

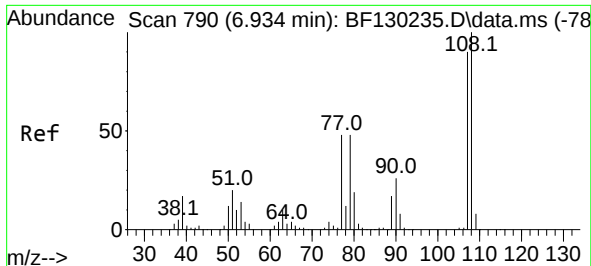
Tgt Ion: 79 Resp: 281869  
Ion Ratio Lower Upper  
79 100  
108 74.9 54.0 81.0  
77 63.0 51.3 76.9



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 35.389 ng  
RT: 6.928 min Scan# 823  
Delta R.T. -0.006 min  
Lab File: BF130423.D  
Acq: 27 Sep 2022 13:52

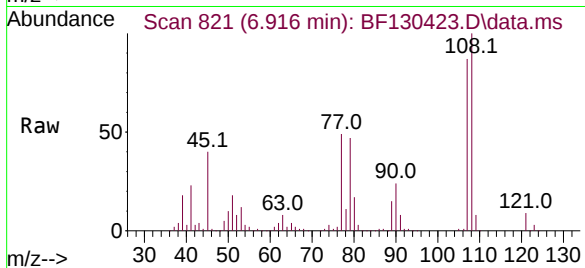
Tgt Ion: 45 Resp: 424903  
Ion Ratio Lower Upper  
45 100  
77 19.1 0.0 34.9  
79 15.7 0.0 31.0



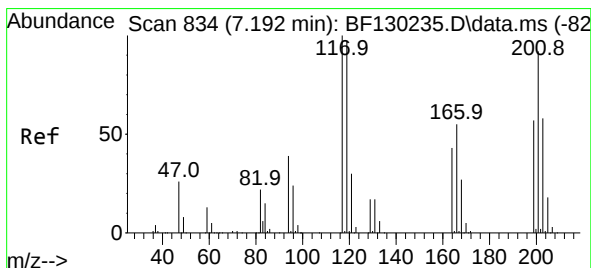
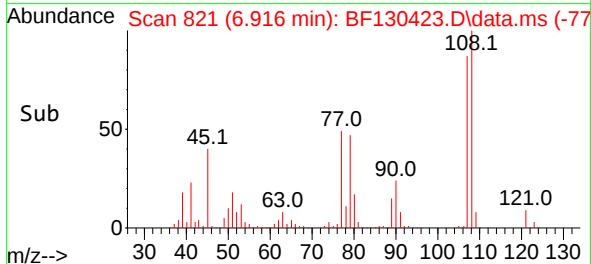
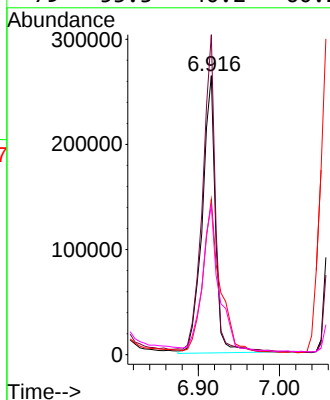


#17  
2-Methylphenol  
Concen: 41.577 ng  
RT: 6.916 min Scan# 81  
Delta R.T. -0.000 min  
Lab File: BF130423.D  
Acq: 27 Sep 2022 13:52

Instrument :  
BNA\_F  
ClientSampleId :  
PB147890BS

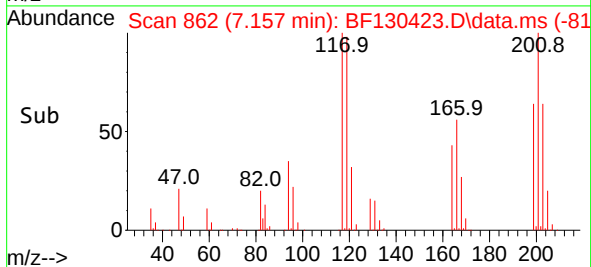
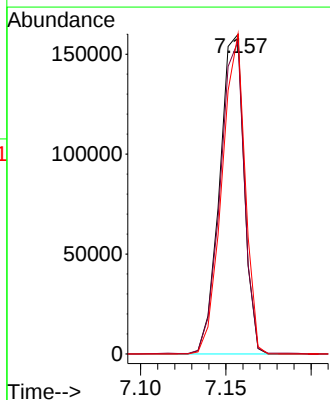
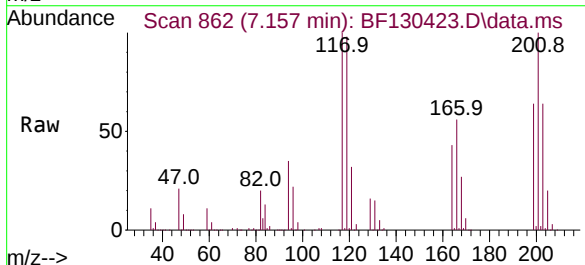


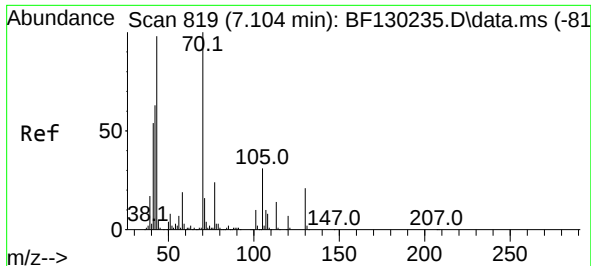
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 114.7 | 89.4  | 134.0 |
| 77      | 55.7  | 40.6  | 60.8  |
| 79      | 53.3  | 40.2  | 60.2  |



#18  
Hexachloroethane  
Concen: 40.878 ng  
RT: 7.157 min Scan# 862  
Delta R.T. -0.006 min  
Lab File: BF130423.D  
Acq: 27 Sep 2022 13:52

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 97.8  | 77.8  | 116.6 |
| 201     | 100.1 | 68.7  | 103.1 |





#19

n-Nitroso-di-n-propylamine

Concen: 38.183 ng

RT: 7.075 min Scan# 84

Delta R.T. -0.000 min

Lab File: BF130423.D

Acq: 27 Sep 2022 13:52

Instrument :

BNA\_F

ClientSampleId :

PB147890BS

Tgt Ion: 70 Resp: 250923

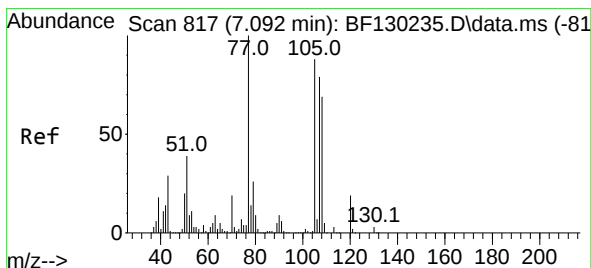
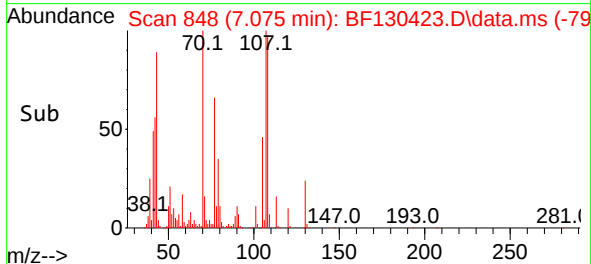
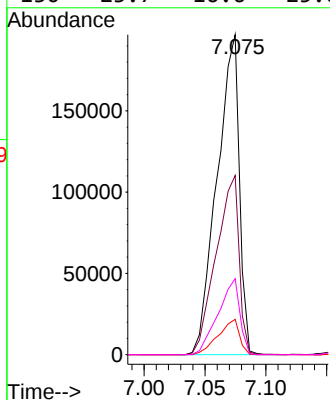
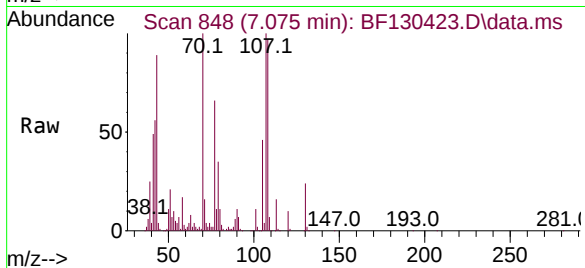
Ion Ratio Lower Upper

70 100

42 56.0 50.8 76.2

101 11.0 8.2 12.4

130 23.7 16.6 25.0



#20

3+4-Methylphenols

Concen: 39.972 ng

RT: 7.069 min Scan# 847

Delta R.T. -0.006 min

Lab File: BF130423.D

Acq: 27 Sep 2022 13:52

Tgt Ion: 107 Resp: 374256

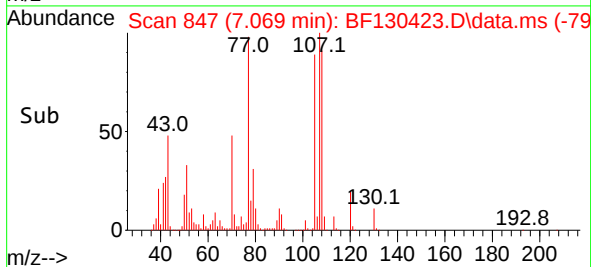
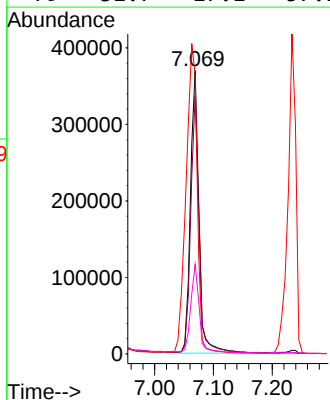
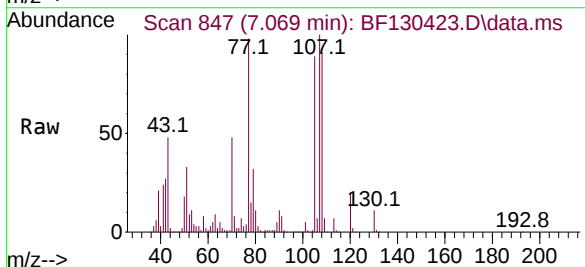
Ion Ratio Lower Upper

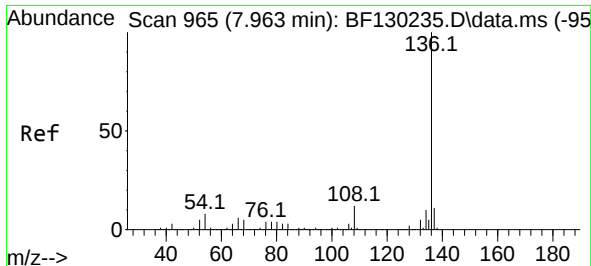
107 100

108 91.2 74.8 114.8

77 98.4 125.8 165.8#

79 31.7 17.1 57.1

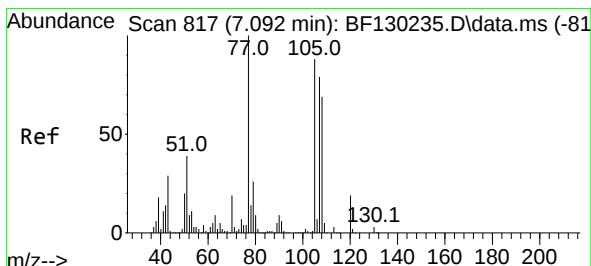
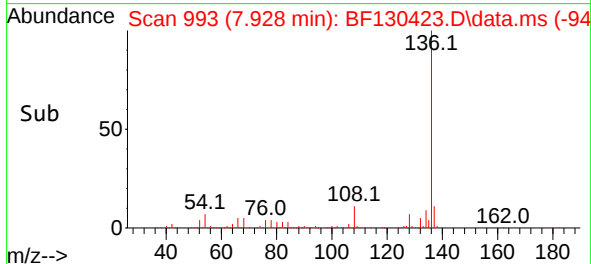
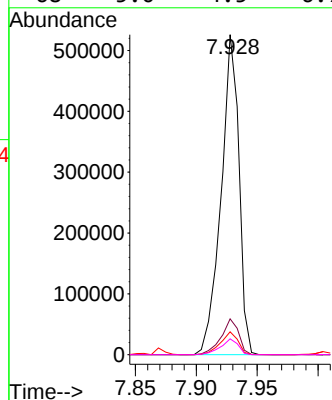
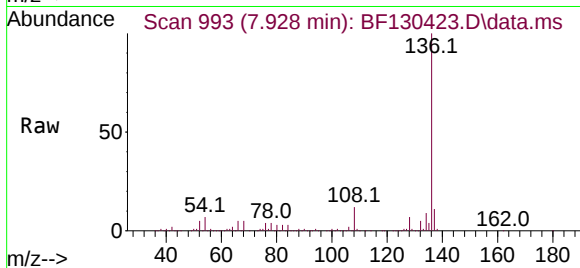




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 7.928 min Scan# 91  
Delta R.T. -0.012 min  
Lab File: BF130423.D  
Acq: 27 Sep 2022 13:52

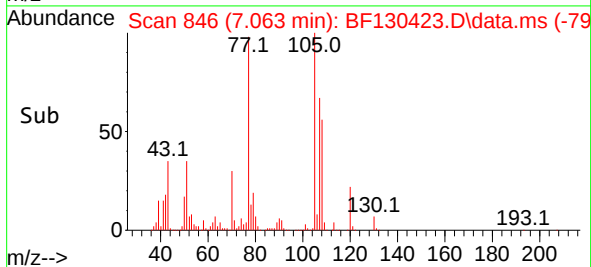
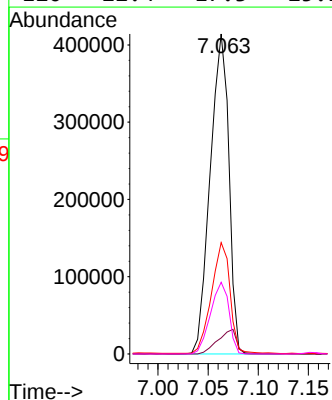
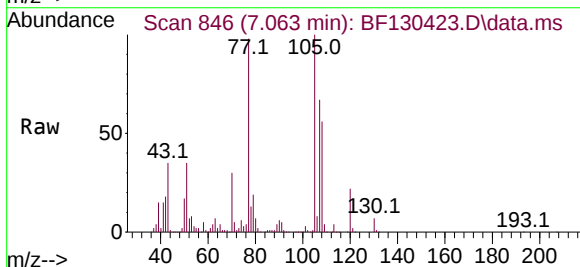
Instrument :  
BNA\_F  
ClientSampleId :  
PB147890BS

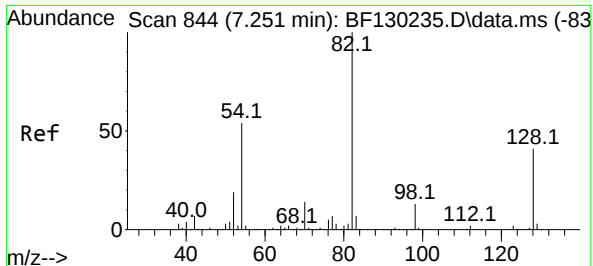
Tgt Ion:136 Resp: 537320  
Ion Ratio Lower Upper  
136 100  
137 11.2 9.1 13.7  
54 7.1 7.1 10.7  
68 5.0 4.5 6.7



#22  
Acetophenone  
Concen: 40.879 ng  
RT: 7.063 min Scan# 846  
Delta R.T. -0.006 min  
Lab File: BF130423.D  
Acq: 27 Sep 2022 13:52

Tgt Ion:105 Resp: 537010  
Ion Ratio Lower Upper  
105 100  
71 5.0 3.9 5.9  
51 34.8 32.2 48.2  
120 22.4 17.3 25.9





#23

Nitrobenzene-d5

Concen: 75.923 ng

RT: 7.216 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF130423.D

Acq: 27 Sep 2022 13:52

Instrument :

BNA\_F

ClientSampleId :

PB147890BS

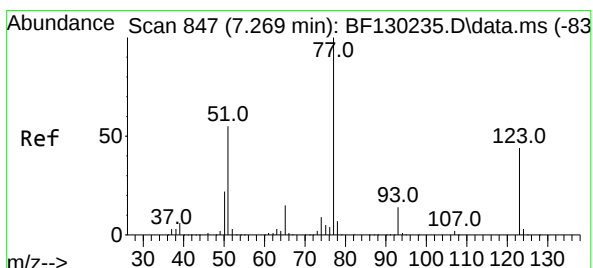
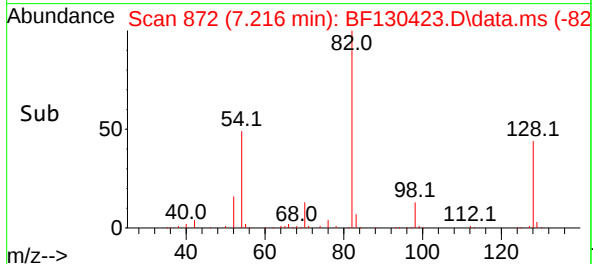
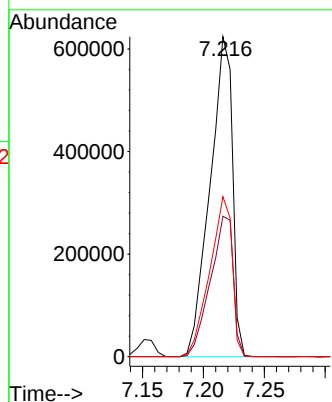
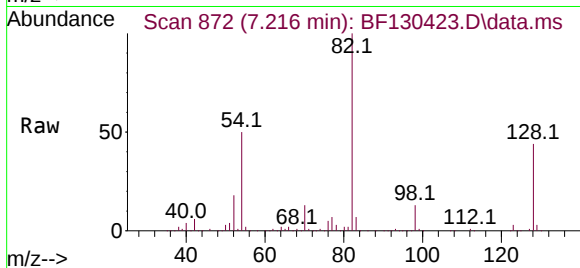
Tgt Ion: 82 Resp: 798520

Ion Ratio Lower Upper

82 100

128 43.9 32.6 49.0

54 50.0 43.8 65.6



#24

Nitrobenzene

Concen: 36.797 ng

RT: 7.234 min Scan# 875

Delta R.T. -0.006 min

Lab File: BF130423.D

Acq: 27 Sep 2022 13:52

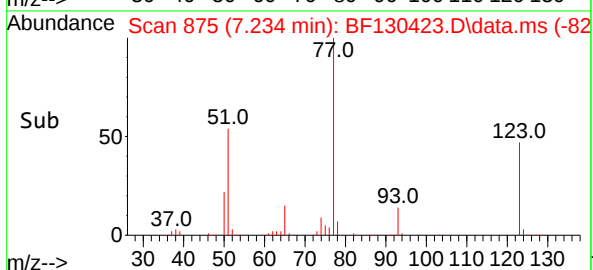
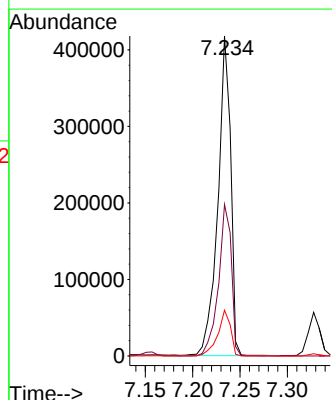
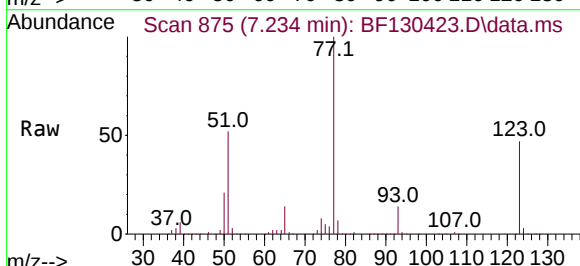
Tgt Ion: 77 Resp: 392966

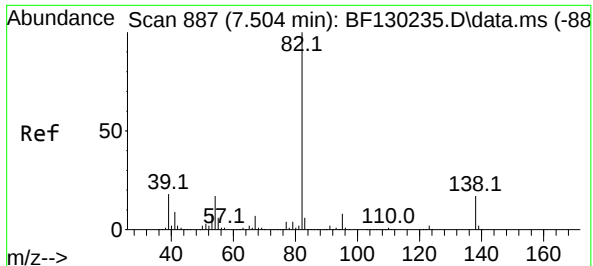
Ion Ratio Lower Upper

77 100

123 47.3 34.3 51.5

65 14.3 12.0 18.0

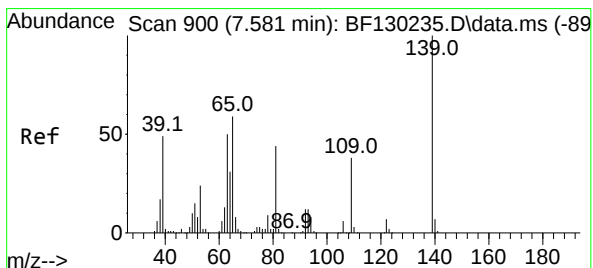
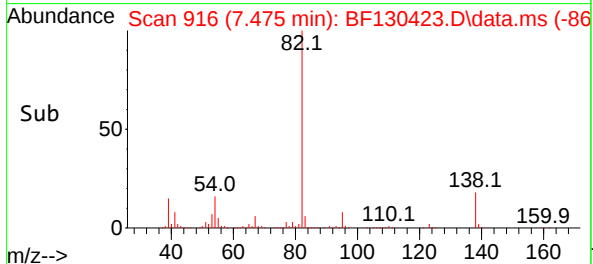
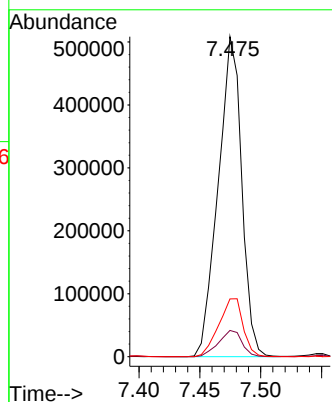
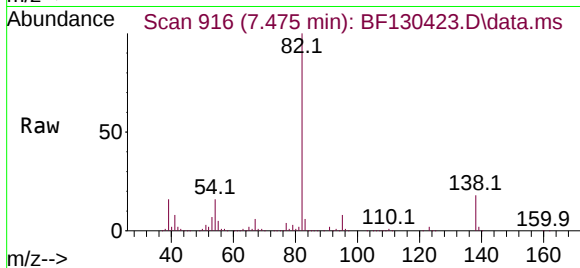




#25  
Isophorone  
Concen: 40.323 ng  
RT: 7.475 min Scan# 916  
Delta R.T. -0.006 min  
Lab File: BF130423.D  
Acq: 27 Sep 2022 13:52

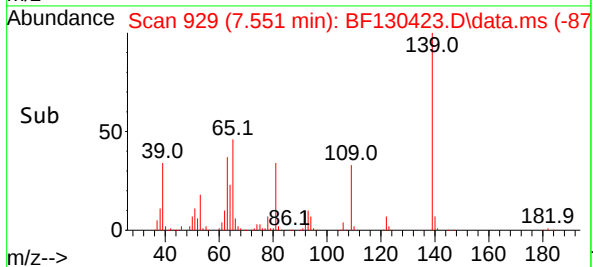
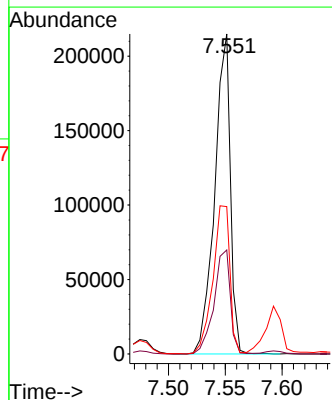
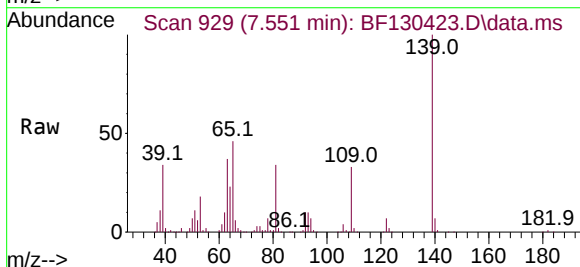
Instrument :  
BNA\_F  
ClientSampleId :  
PB147890BS

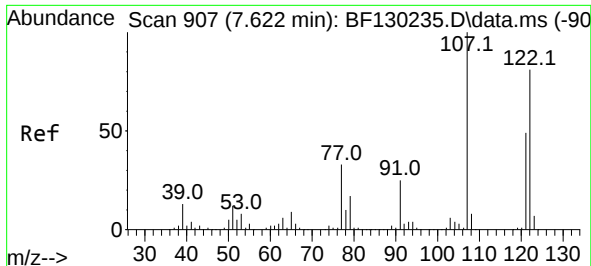
Tgt Ion: 82 Resp: 683536  
Ion Ratio Lower Upper  
82 100  
95 8.2 6.4 9.6  
138 18.1 13.8 20.6



#26  
2-Nitrophenol  
Concen: 46.939 ng  
RT: 7.551 min Scan# 929  
Delta R.T. -0.006 min  
Lab File: BF130423.D  
Acq: 27 Sep 2022 13:52

Tgt Ion: 139 Resp: 205490  
Ion Ratio Lower Upper  
139 100  
109 32.5 30.2 45.4  
65 46.1 48.9 73.3#





#27

2,4-Dimethylphenol

Concen: 45.958 ng

RT: 7.592 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF130423.D

Acq: 27 Sep 2022 13:52

Instrument :

BNA\_F

ClientSampleId :

PB147890BS

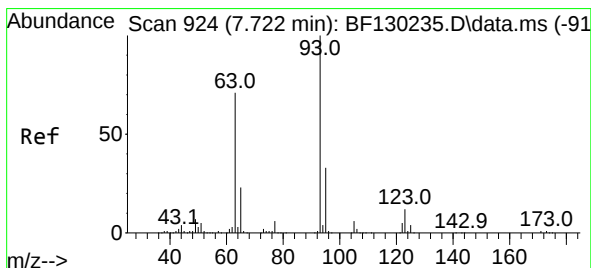
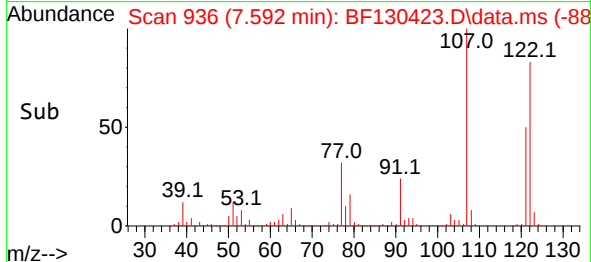
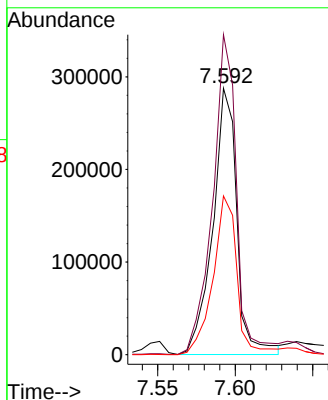
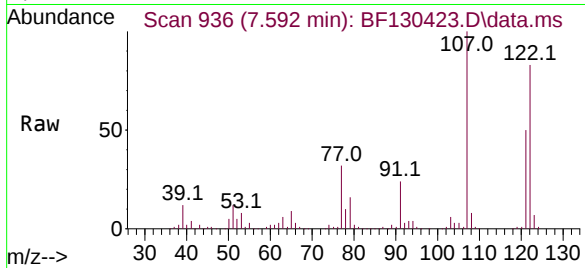
Tgt Ion:122 Resp: 309791

Ion Ratio Lower Upper

122 100

107 120.1 100.2 150.2

121 59.5 47.8 71.8



#28

bis(2-Chloroethoxy)methane

Concen: 43.358 ng

RT: 7.692 min Scan# 953

Delta R.T. -0.000 min

Lab File: BF130423.D

Acq: 27 Sep 2022 13:52

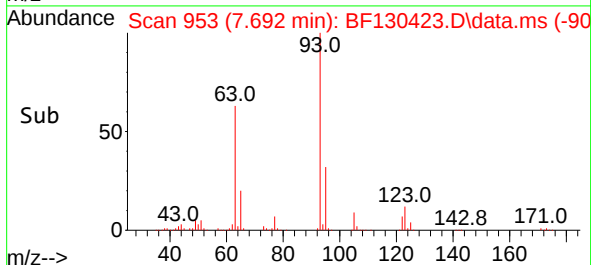
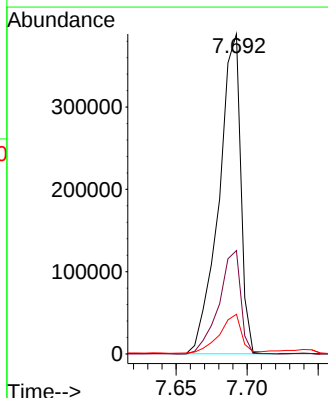
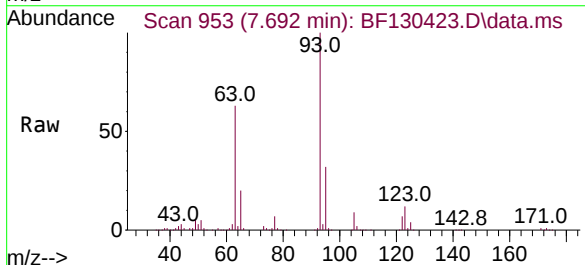
Tgt Ion: 93 Resp: 413857

Ion Ratio Lower Upper

93 100

95 32.3 26.3 39.5

123 12.4 9.4 14.2





#29

2,4-Dichlorophenol

Concen: 41.944 ng

RT: 7.792 min Scan# 91

Delta R.T. -0.012 min

Lab File: BF130423.D

Acq: 27 Sep 2022 13:52

Instrument :

BNA\_F

ClientSampleId :

PB147890BS

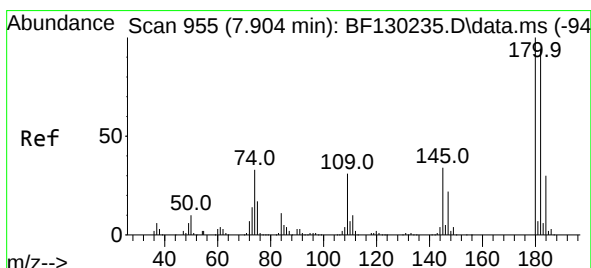
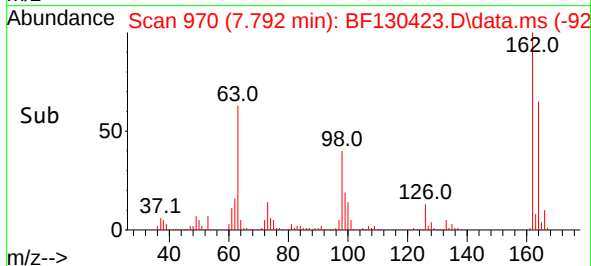
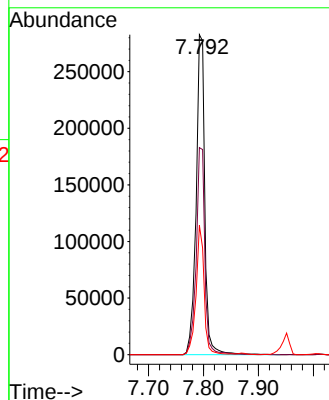
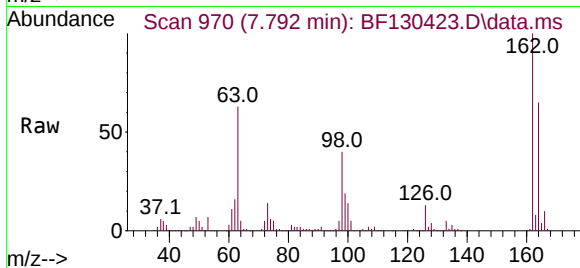
Tgt Ion:162 Resp: 309829

Ion Ratio Lower Upper

162 100

164 64.7 42.2 82.2

98 40.4 21.7 61.7



#30

1,2,4-Trichlorobenzene

Concen: 41.711 ng

RT: 7.869 min Scan# 983

Delta R.T. -0.012 min

Lab File: BF130423.D

Acq: 27 Sep 2022 13:52

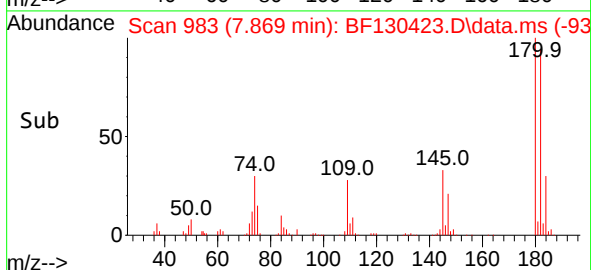
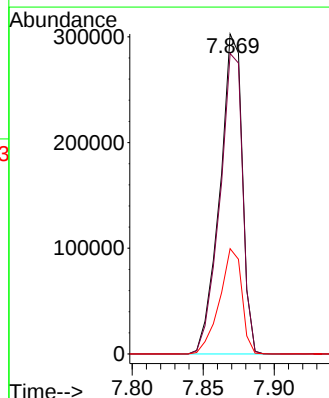
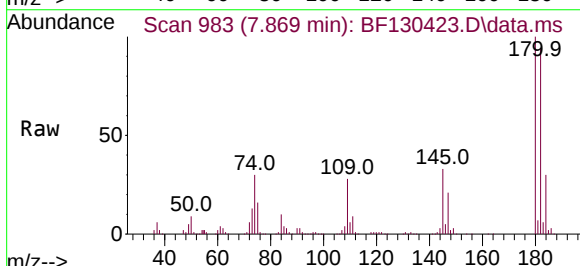
Tgt Ion:180 Resp: 333112

Ion Ratio Lower Upper

180 100

182 93.9 73.3 109.9

145 32.9 28.3 42.5

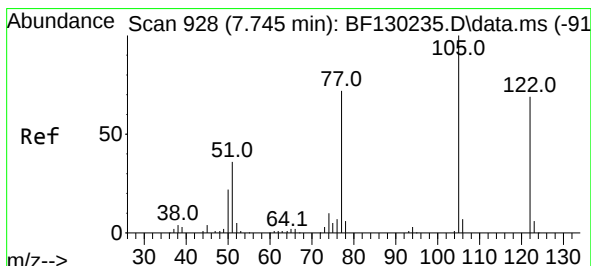
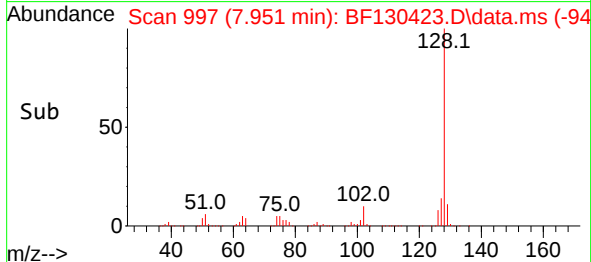
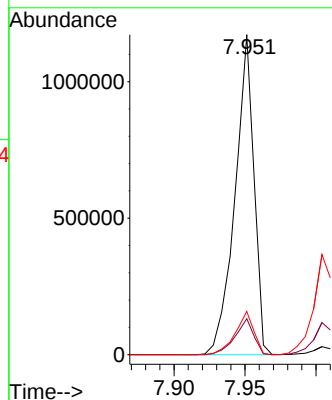
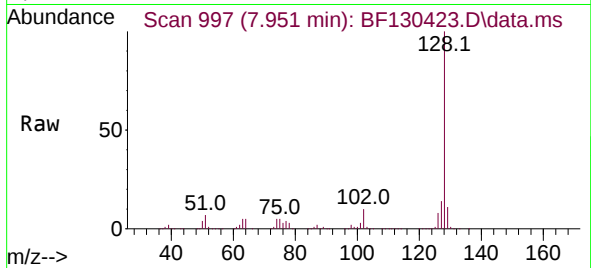




#31  
Naphthalene  
Concen: 39.393 ng  
RT: 7.951 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: BF130423.D  
Acq: 27 Sep 2022 13:52

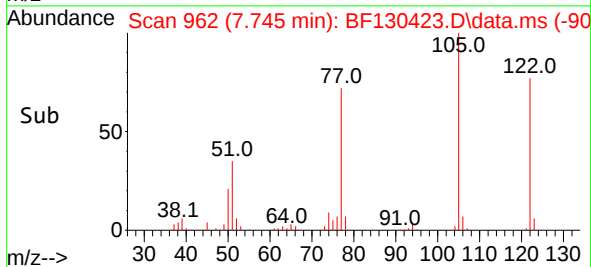
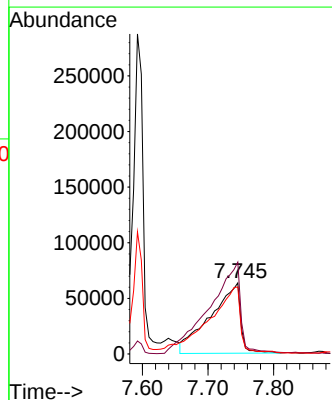
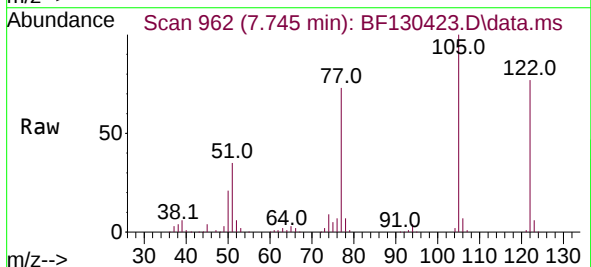
Instrument :  
BNA\_F  
ClientSampleId :  
PB147890BS

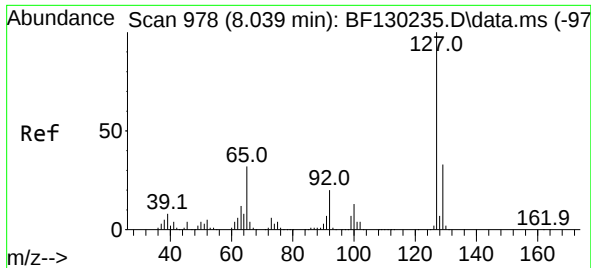
Tgt Ion:128 Resp: 1090486  
Ion Ratio Lower Upper  
128 100  
129 11.3 9.1 13.7  
127 13.5 10.6 16.0



#32  
Benzoic acid  
Concen: 38.383 ng  
RT: 7.745 min Scan# 962  
Delta R.T. 0.018 min  
Lab File: BF130423.D  
Acq: 27 Sep 2022 13:52

Tgt Ion:122 Resp: 200081  
Ion Ratio Lower Upper  
122 100  
105 129.3 112.9 152.9  
77 94.4 82.8 122.8

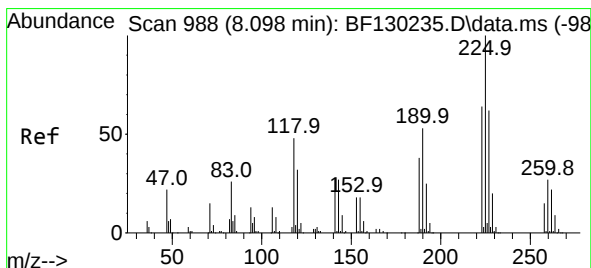
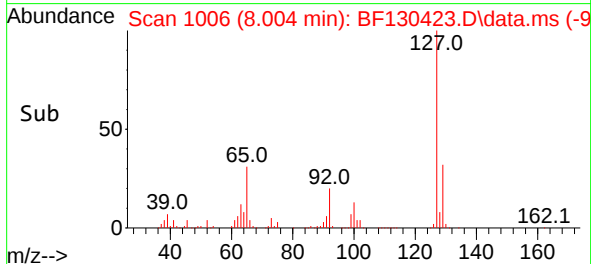
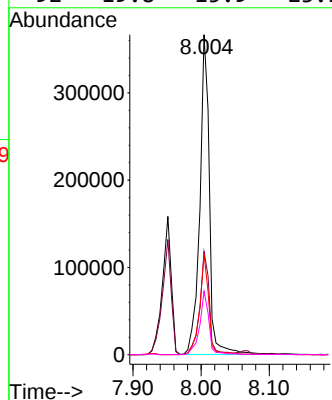
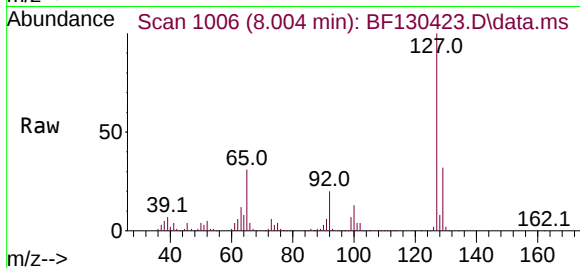




#33  
4-Chloroaniline  
Concen: 34.161 ng  
RT: 8.004 min Scan# 1017  
Delta R.T. -0.012 min  
Lab File: BF130423.D  
Acq: 27 Sep 2022 13:52

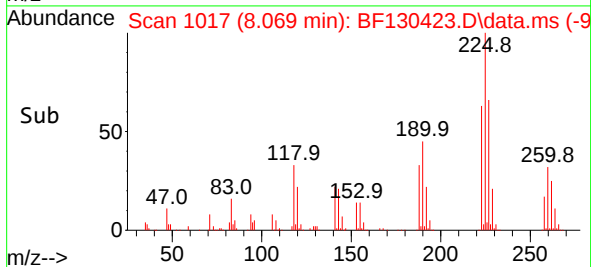
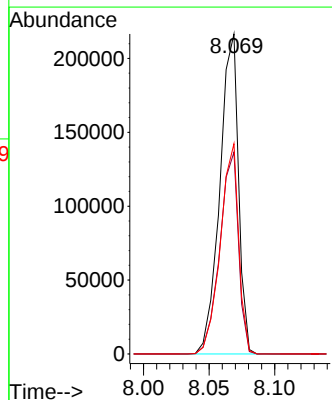
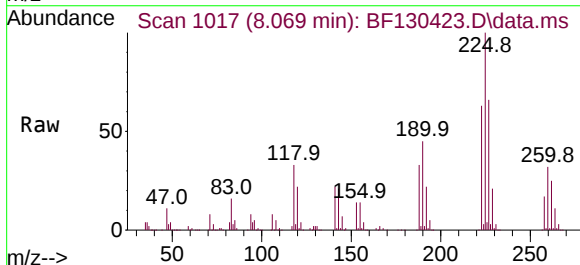
Instrument :  
BNA\_F  
ClientSampleId :  
PB147890BS

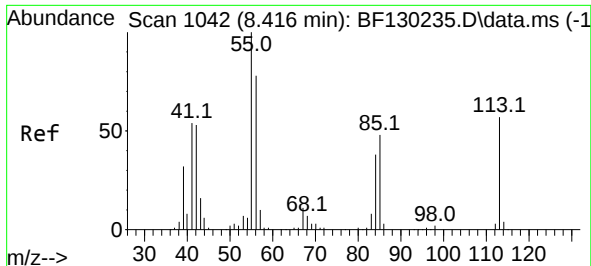
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 127   | Resp: | 359656 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 32.2  | 25.6  | 38.4   |
| 65       | 31.3  | 27.0  | 40.6   |
| 92       | 19.8  | 15.9  | 23.9   |



#34  
Hexachlorobutadiene  
Concen: 41.858 ng  
RT: 8.069 min Scan# 1017  
Delta R.T. -0.006 min  
Lab File: BF130423.D  
Acq: 27 Sep 2022 13:52

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 213641 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 63.0  | 50.3  | 75.5   |
| 227      | 65.7  | 51.1  | 76.7   |

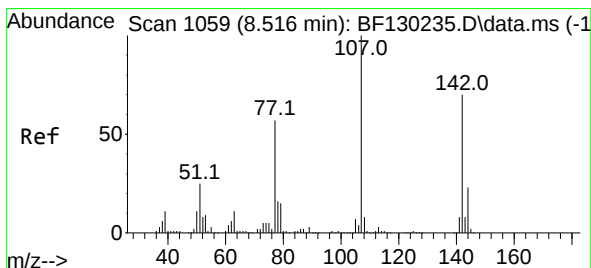
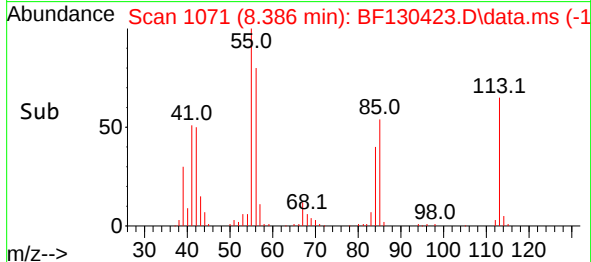
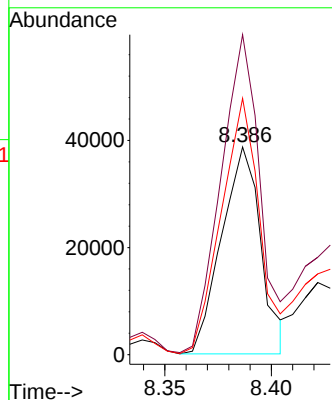
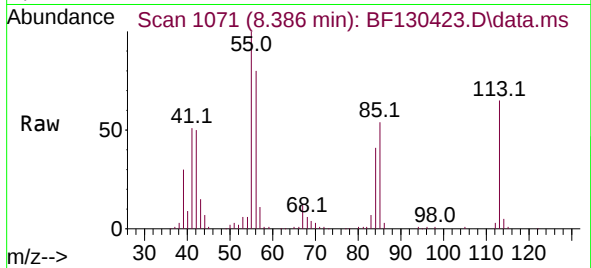




#35  
Caprolactam  
Concen: 23.393 ng  
RT: 8.386 min Scan# 1090  
Delta R.T. -0.000 min  
Lab File: BF130423.D  
Acq: 27 Sep 2022 13:52

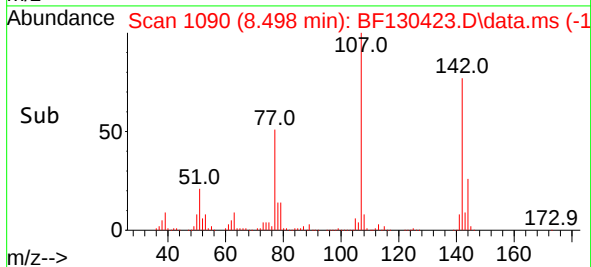
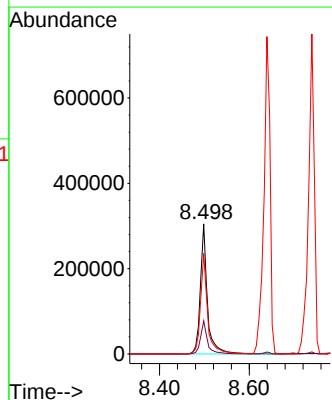
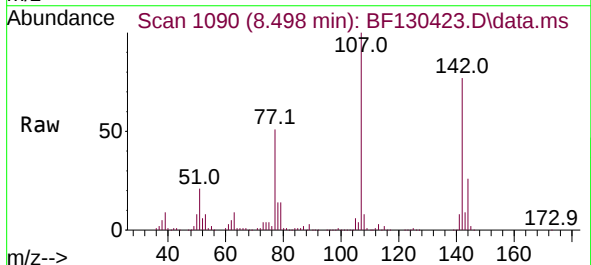
Instrument :  
BNA\_F  
ClientSampleId :  
PB147890BS

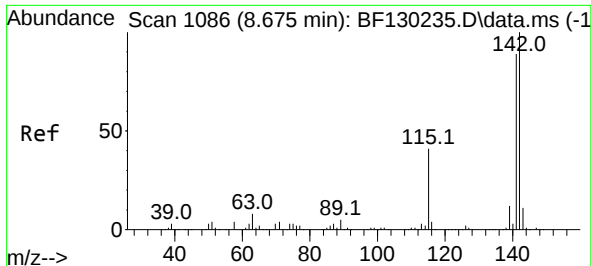
Tgt Ion:113 Resp: 49537  
Ion Ratio Lower Upper  
113 100  
55 154.1 155.4 195.4#  
56 123.4 120.4 160.4



#36  
4-Chloro-3-methylphenol  
Concen: 40.713 ng  
RT: 8.498 min Scan# 1090  
Delta R.T. -0.006 min  
Lab File: BF130423.D  
Acq: 27 Sep 2022 13:52

Tgt Ion:107 Resp: 333342  
Ion Ratio Lower Upper  
107 100  
144 25.5 20.0 30.0  
142 77.2 61.3 91.9

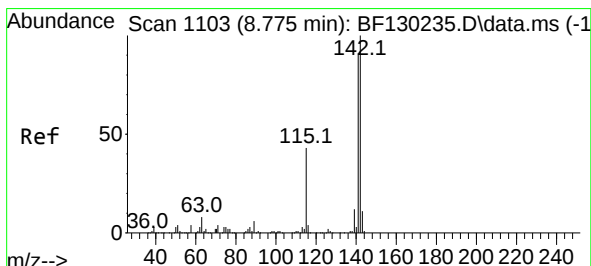
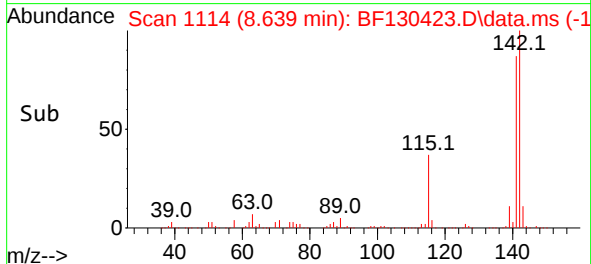
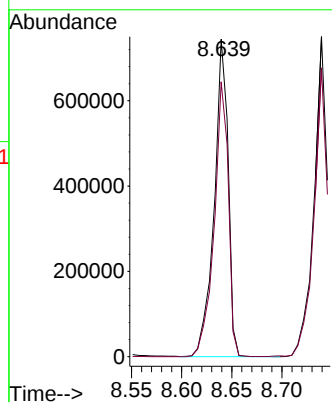
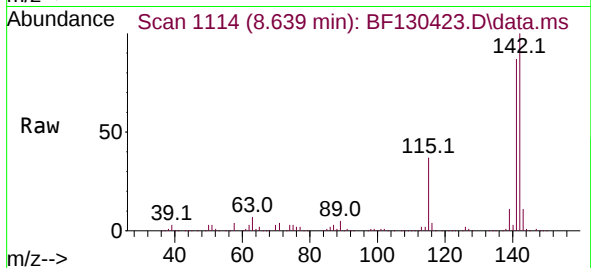




#37  
2-Methylnaphthalene  
Concen: 40.781 ng  
RT: 8.639 min Scan# 1114  
Delta R.T. -0.012 min  
Lab File: BF130423.D  
Acq: 27 Sep 2022 13:52

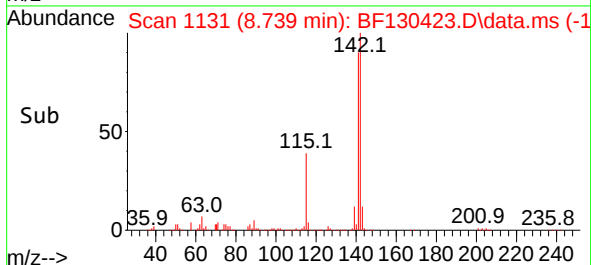
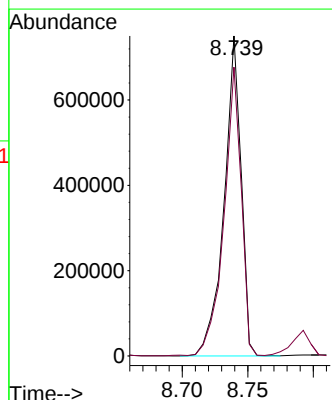
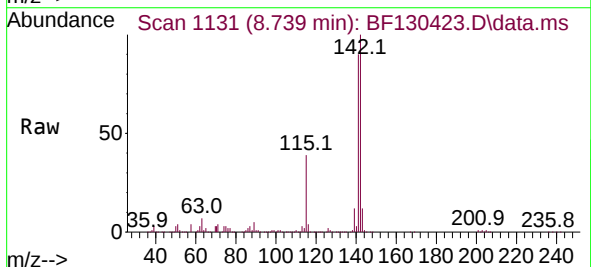
Instrument :  
BNA\_F  
ClientSampleId :  
PB147890BS

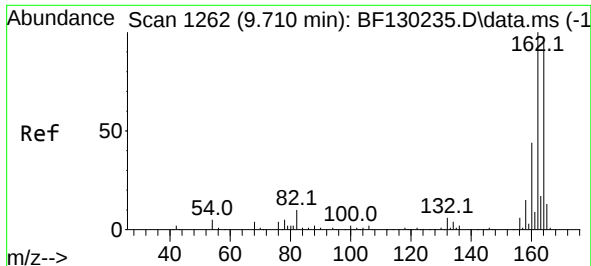
Tgt Ion:142 Resp: 719775  
Ion Ratio Lower Upper  
142 100  
141 86.6 70.0 105.0



#38  
1-Methylnaphthalene  
Concen: 39.853 ng  
RT: 8.739 min Scan# 1131  
Delta R.T. -0.006 min  
Lab File: BF130423.D  
Acq: 27 Sep 2022 13:52

Tgt Ion:142 Resp: 675723  
Ion Ratio Lower Upper  
142 100  
141 90.2 73.8 110.8

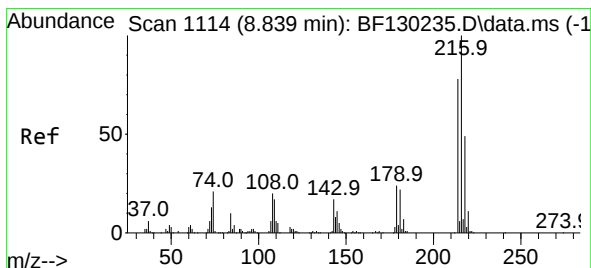
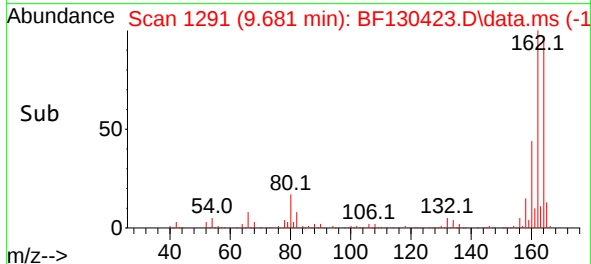
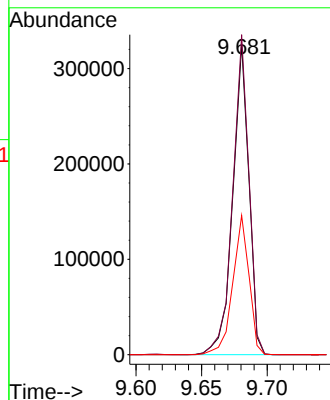
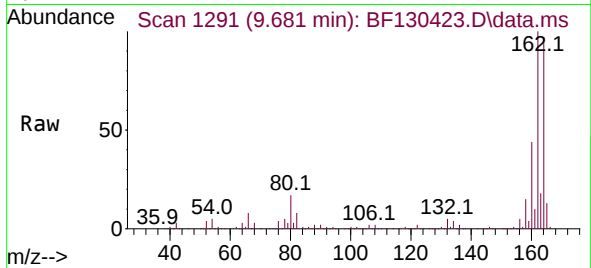




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.681 min Scan# 1143  
Delta R.T. -0.006 min  
Lab File: BF130423.D  
Acq: 27 Sep 2022 13:52

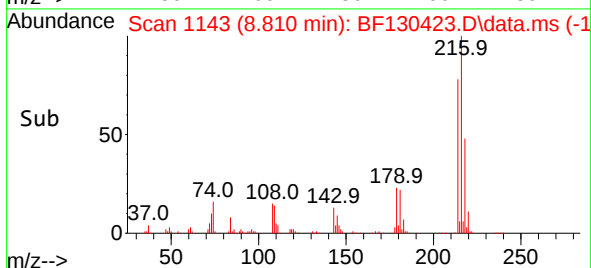
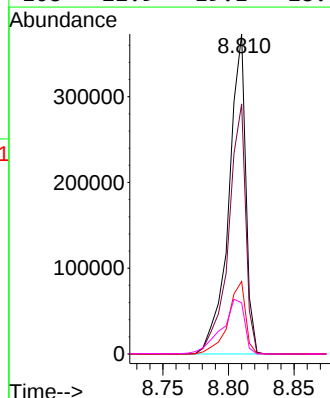
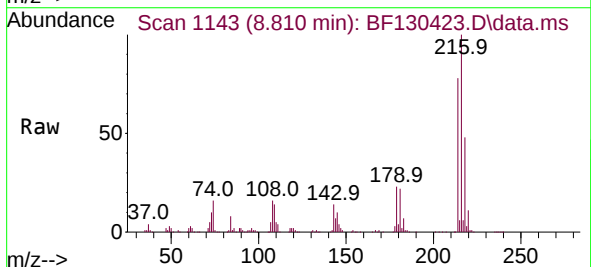
Instrument :  
BNA\_F  
ClientSampleId :  
PB147890BS

Tgt Ion:164 Resp: 279087  
Ion Ratio Lower Upper  
164 100  
162 103.1 81.4 122.0  
160 44.9 36.2 54.4



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 44.034 ng  
RT: 8.810 min Scan# 1143  
Delta R.T. -0.006 min  
Lab File: BF130423.D  
Acq: 27 Sep 2022 13:52

Tgt Ion:216 Resp: 335380  
Ion Ratio Lower Upper  
216 100  
214 79.0 62.8 94.2  
179 23.2 19.5 29.3  
108 22.9 19.1 28.7

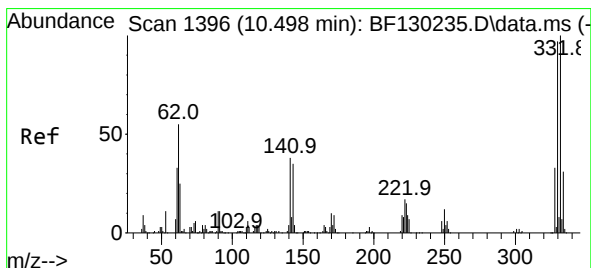
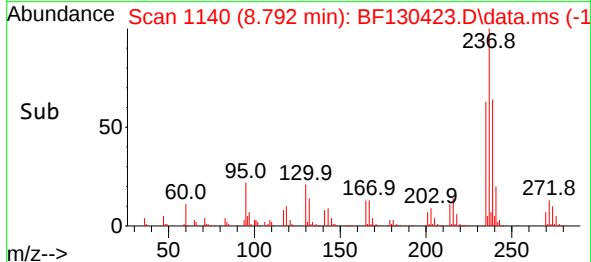
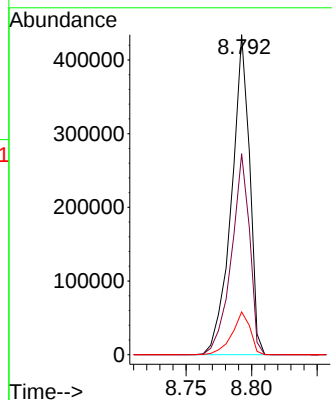
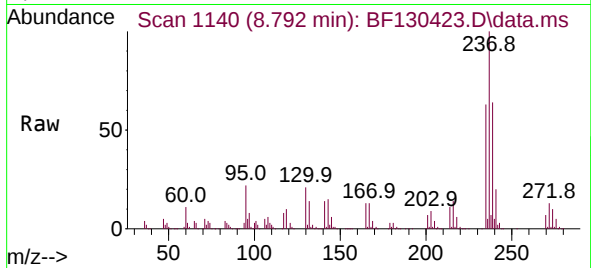




#41  
Hexachlorocyclopentadiene  
Concen: 102.360 ng  
RT: 8.792 min Scan# 1112  
Delta R.T. -0.006 min  
Lab File: BF130423.D  
Acq: 27 Sep 2022 13:52

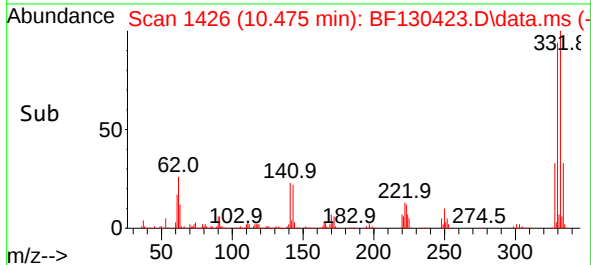
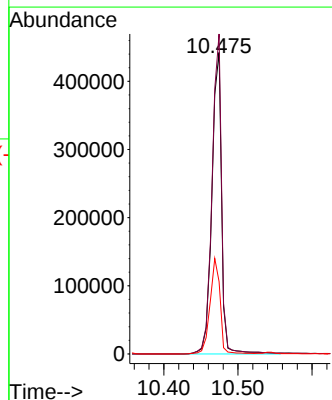
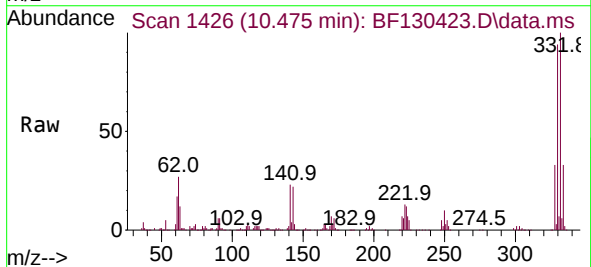
Instrument :  
BNA\_F  
ClientSampleId :  
PB147890BS

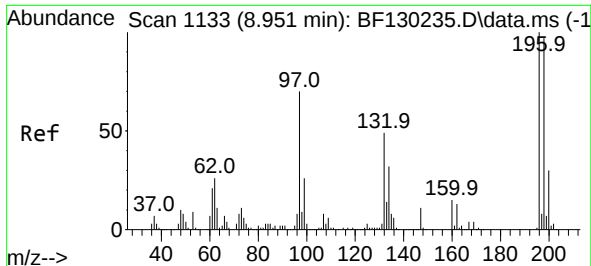
Tgt Ion:237 Resp: 417401  
Ion Ratio Lower Upper  
237 100  
235 62.8 42.5 82.5  
272 13.3 0.0 32.8



#42  
2,4,6-Tribromophenol  
Concen: 150.463 ng  
RT: 10.475 min Scan# 1426  
Delta R.T. -0.006 min  
Lab File: BF130423.D  
Acq: 27 Sep 2022 13:52

Tgt Ion:330 Resp: 402367  
Ion Ratio Lower Upper  
330 100  
332 105.5 83.4 125.2  
141 33.0 34.0 51.0#





#43

2,4,6-Trichlorophenol

Concen: 41.391 ng

RT: 8.922 min Scan# 1162

Delta R.T. -0.012 min

Lab File: BF130423.D

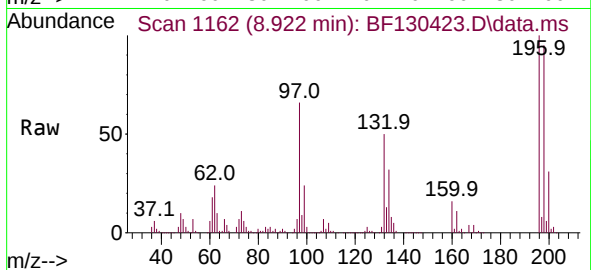
Acq: 27 Sep 2022 13:52

Instrument :

BNA\_F

ClientSampleId :

PB147890BS



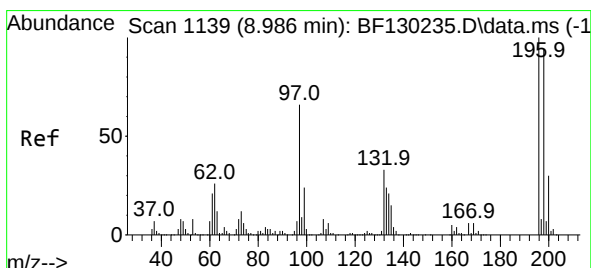
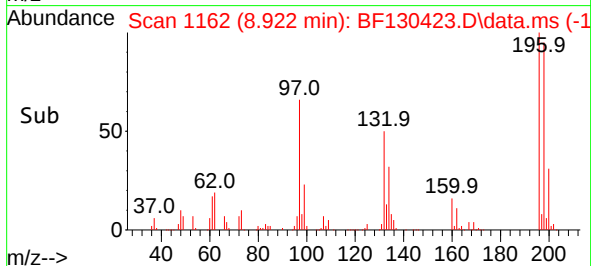
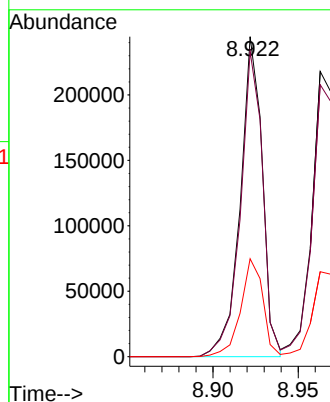
Tgt Ion:196 Resp: 220016

Ion Ratio Lower Upper

196 100

198 95.4 72.4 108.6

200 30.6 23.8 35.6



#44

2,4,5-Trichlorophenol

Concen: 41.626 ng

RT: 8.963 min Scan# 1169

Delta R.T. -0.012 min

Lab File: BF130423.D

Acq: 27 Sep 2022 13:52

Tgt Ion:196 Resp: 238769

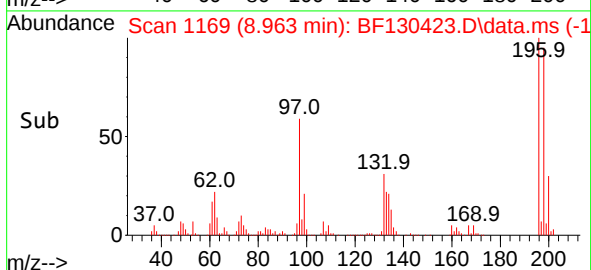
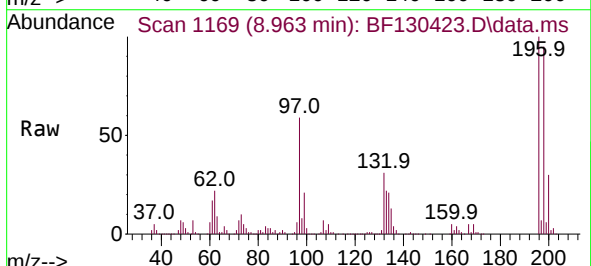
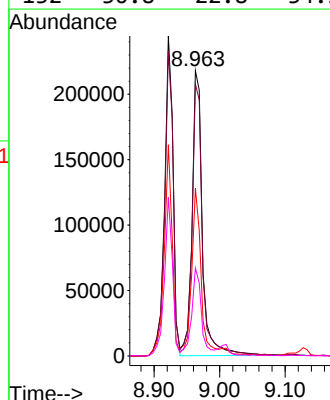
Ion Ratio Lower Upper

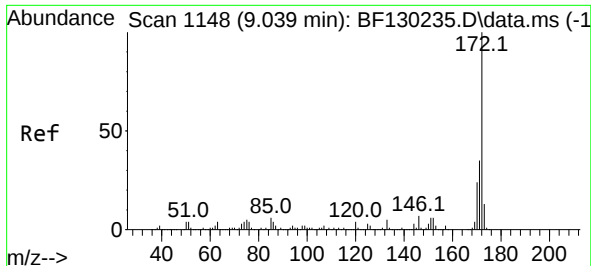
196 100

198 95.3 74.8 112.2

97 58.7 43.7 65.5

132 30.8 22.8 34.2





#45

2-Fluorobiphenyl

Concen: 80.864 ng

RT: 9.010 min Scan# 1177

Delta R.T. -0.006 min

Lab File: BF130423.D

Acq: 27 Sep 2022 13:52

Instrument :

BNA\_F

ClientSampleId :

PB147890BS

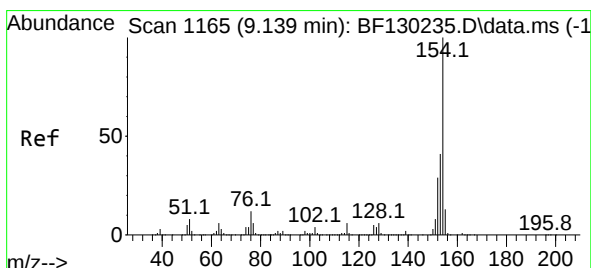
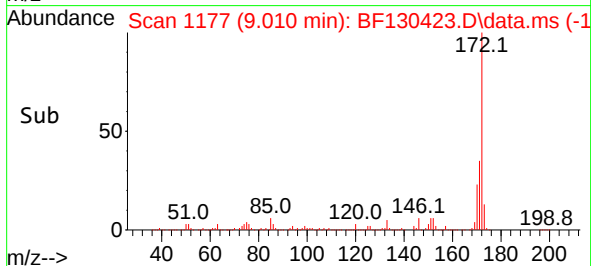
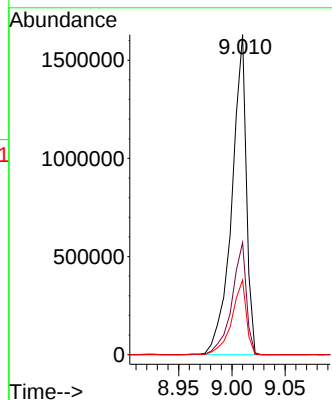
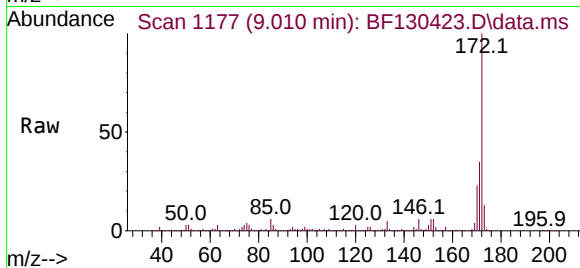
Tgt Ion:172 Resp: 1549810

Ion Ratio Lower Upper

172 100

171 35.1 28.3 42.5

170 23.3 18.7 28.1



#46

1,1'-Biphenyl

Concen: 41.670 ng

RT: 9.110 min Scan# 1194

Delta R.T. -0.006 min

Lab File: BF130423.D

Acq: 27 Sep 2022 13:52

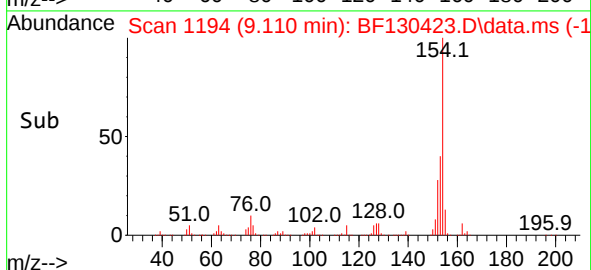
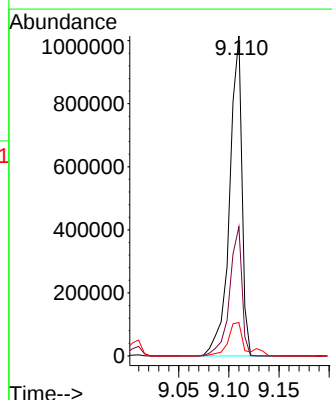
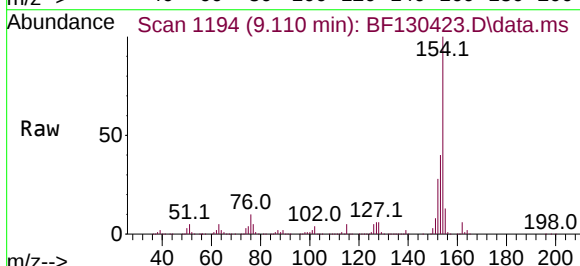
Tgt Ion:154 Resp: 868551

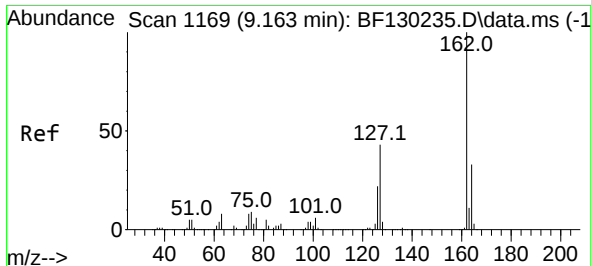
Ion Ratio Lower Upper

154 100

153 40.4 20.0 60.0

76 10.5 0.0 33.3





#47

2-Chloronaphthalene

Concen: 40.586 ng

RT: 9.128 min Scan# 1169

Delta R.T. -0.012 min

Lab File: BF130423.D

Acq: 27 Sep 2022 13:52

Instrument :

BNA\_F

ClientSampleId :

PB147890BS

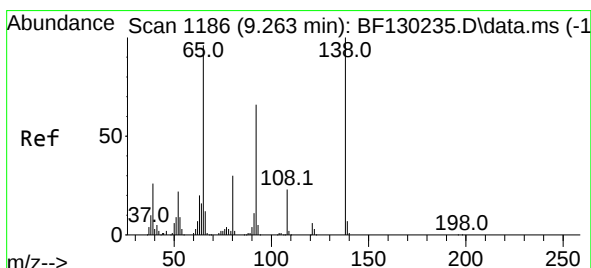
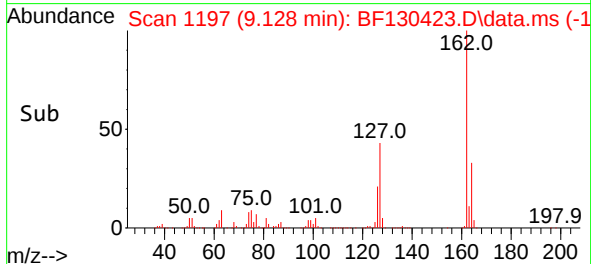
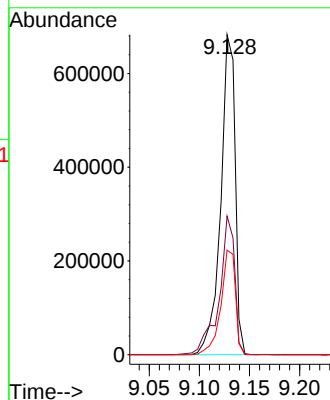
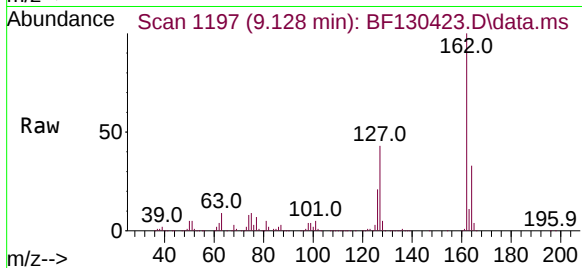
Tgt Ion:162 Resp: 684321

Ion Ratio Lower Upper

162 100

127 43.3 35.9 53.9

164 32.6 26.2 39.2



#48

2-Nitroaniline

Concen: 35.898 ng

RT: 9.233 min Scan# 1215

Delta R.T. -0.006 min

Lab File: BF130423.D

Acq: 27 Sep 2022 13:52

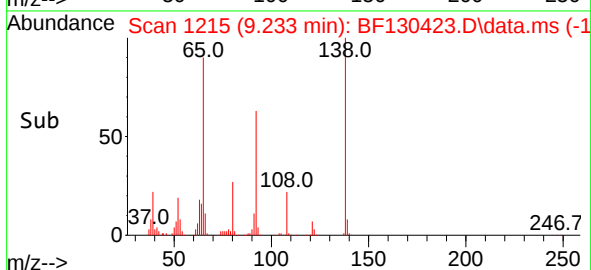
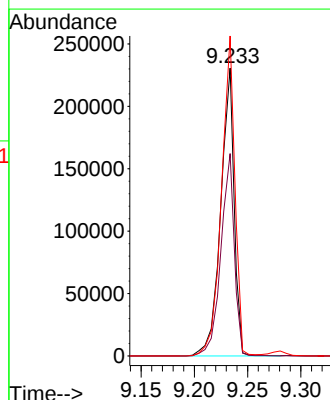
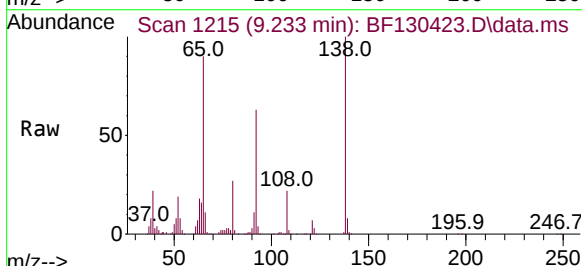
Tgt Ion: 65 Resp: 201878

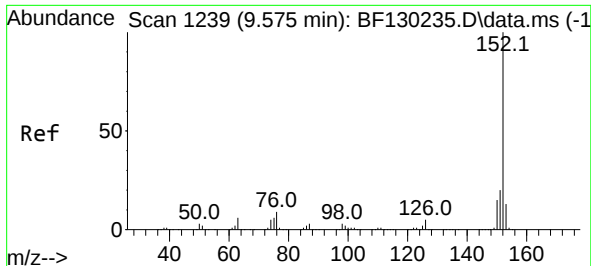
Ion Ratio Lower Upper

65 100

92 70.3 52.2 78.4

138 111.2 77.0 115.4





#49

Acenaphthylene

Concen: 39.835 ng

RT: 9.545 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF130423.D

Acq: 27 Sep 2022 13:52

Instrument :

BNA\_F

ClientSampleId :

PB147890BS

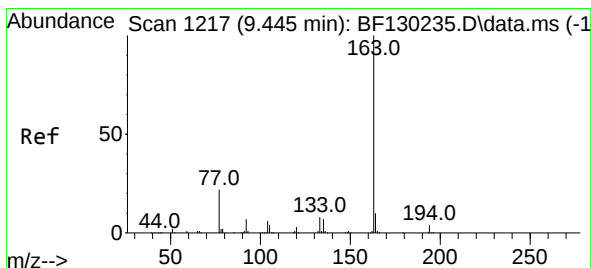
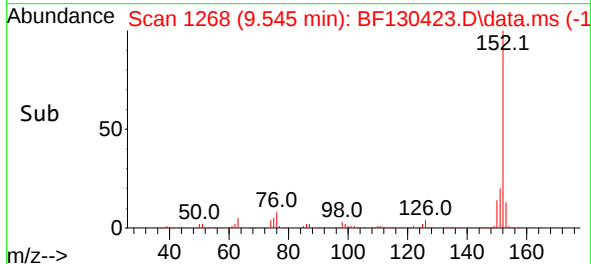
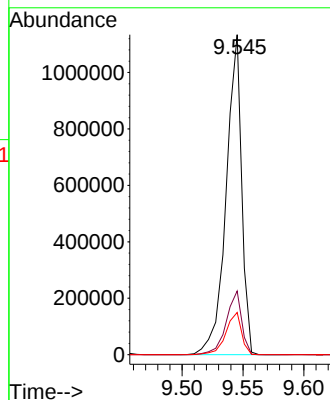
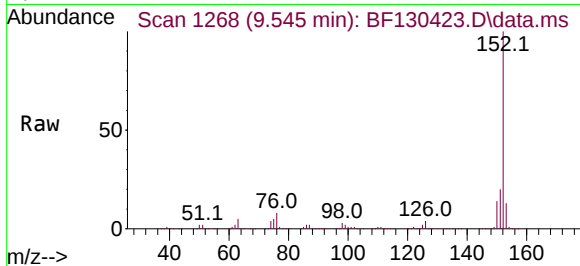
Tgt Ion:152 Resp: 1007046

Ion Ratio Lower Upper

152 100

151 19.9 16.2 24.2

153 13.2 10.6 15.8



#50

Dimethylphthalate

Concen: 40.192 ng

RT: 9.416 min Scan# 1246

Delta R.T. -0.006 min

Lab File: BF130423.D

Acq: 27 Sep 2022 13:52

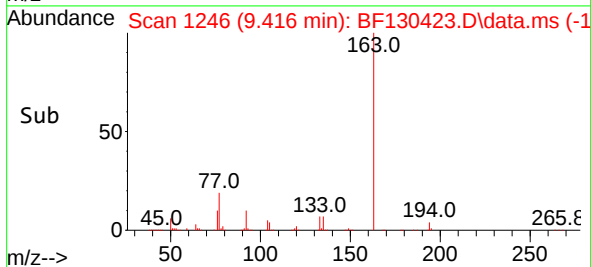
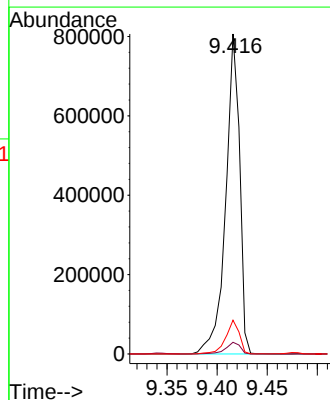
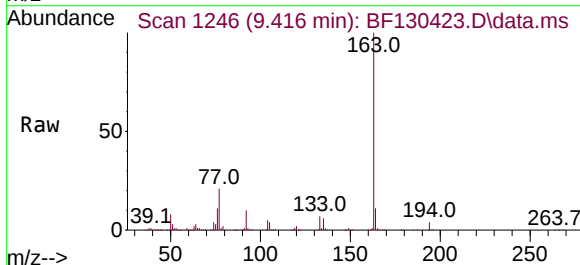
Tgt Ion:163 Resp: 774827

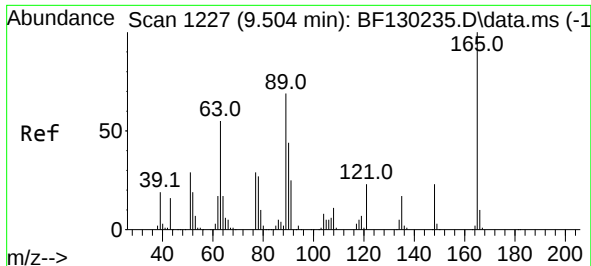
Ion Ratio Lower Upper

163 100

194 3.7 2.8 4.2

164 10.6 8.2 12.2

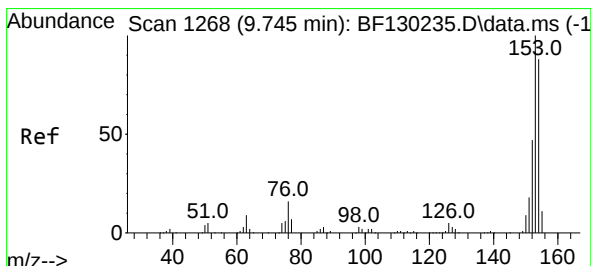
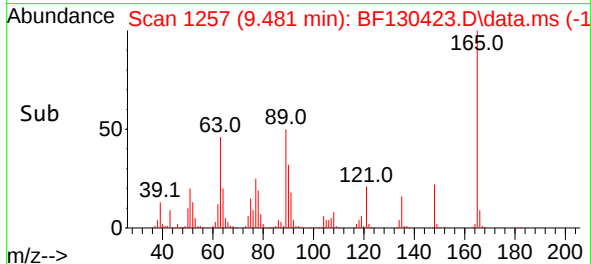
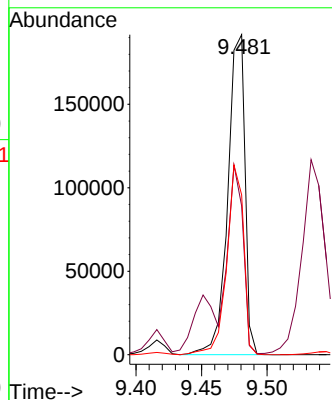
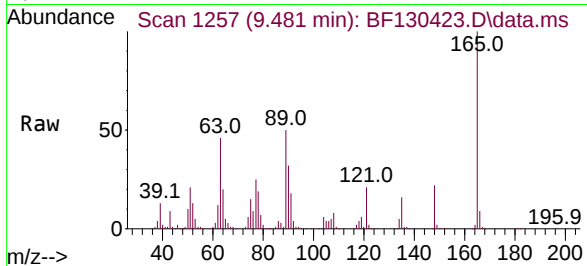




#51  
2,6-Dinitrotoluene  
Concen: 43.375 ng  
RT: 9.481 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF130423.D  
Acq: 27 Sep 2022 13:52

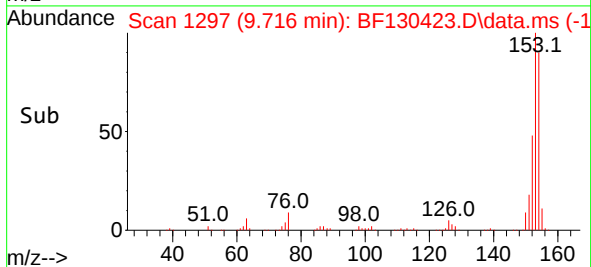
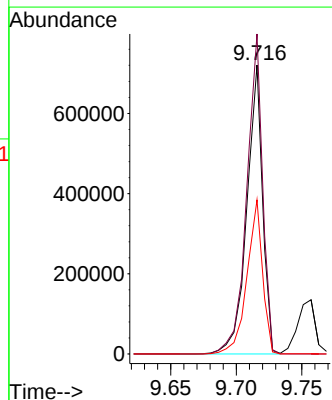
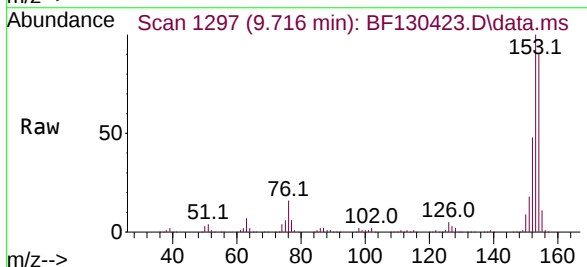
Instrument :  
BNA\_F  
ClientSampleId :  
PB147890BS

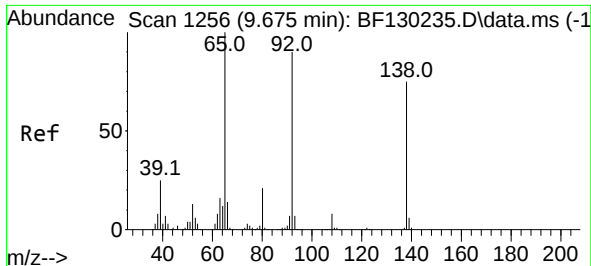
Tgt Ion:165 Resp: 174879  
Ion Ratio Lower Upper  
165 100  
63 46.5 58.8 88.2#  
89 49.9 54.5 81.7#



#52  
Acenaphthene  
Concen: 36.421 ng  
RT: 9.716 min Scan# 1297  
Delta R.T. -0.006 min  
Lab File: BF130423.D  
Acq: 27 Sep 2022 13:52

Tgt Ion:154 Resp: 604950  
Ion Ratio Lower Upper  
154 100  
153 110.7 90.6 136.0  
152 53.3 43.8 65.6

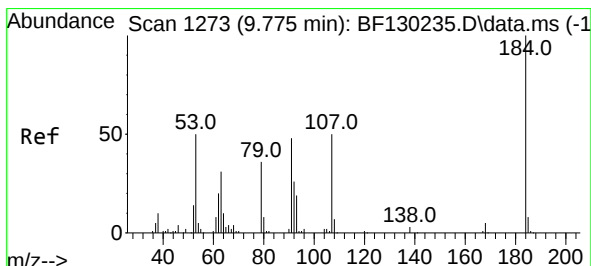
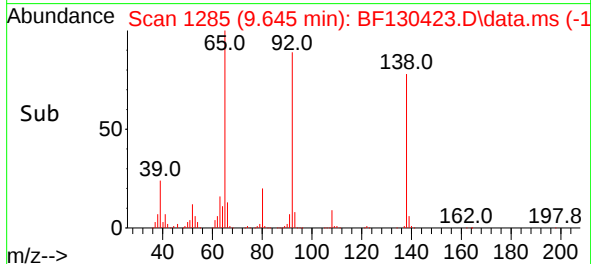
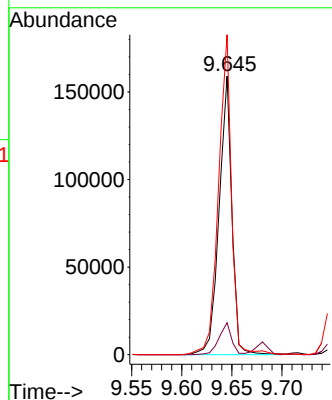
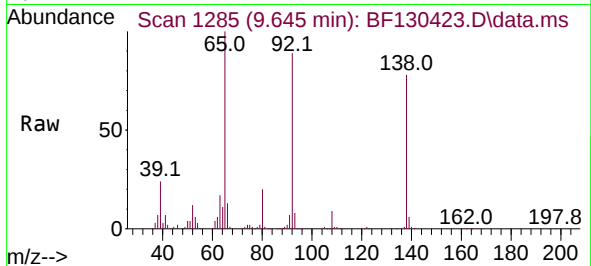




#53  
3-Nitroaniline  
Concen: 31.337 ng  
RT: 9.645 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF130423.D  
Acq: 27 Sep 2022 13:52

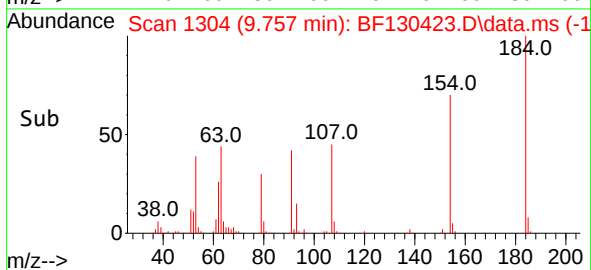
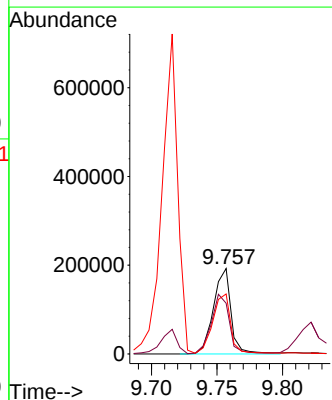
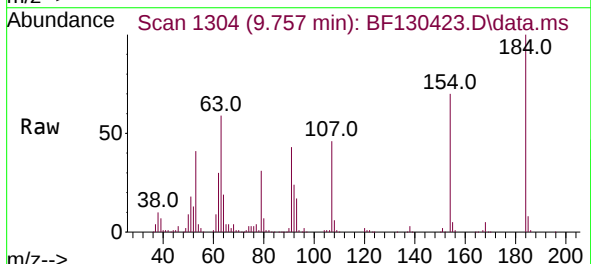
Instrument :  
BNA\_F  
ClientSampleId :  
PB147890BS

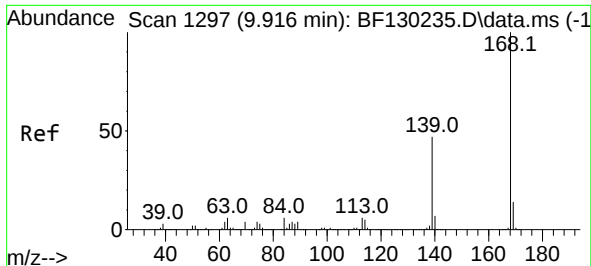
Tgt Ion:138 Resp: 140784  
Ion Ratio Lower Upper  
138 100  
108 11.5 9.2 13.8  
92 114.8 99.2 148.8



#54  
2,4-Dinitrophenol  
Concen: 82.152 ng  
RT: 9.757 min Scan# 1304  
Delta R.T. -0.000 min  
Lab File: BF130423.D  
Acq: 27 Sep 2022 13:52

Tgt Ion:184 Resp: 180073  
Ion Ratio Lower Upper  
184 100  
63 59.3 70.0 105.0#  
154 70.2 63.0 94.6

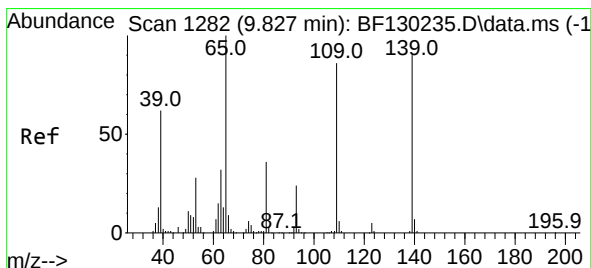
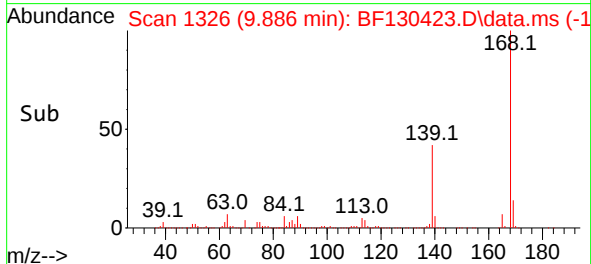
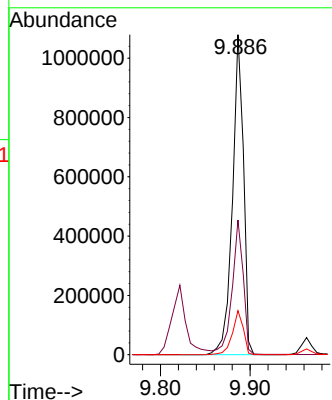
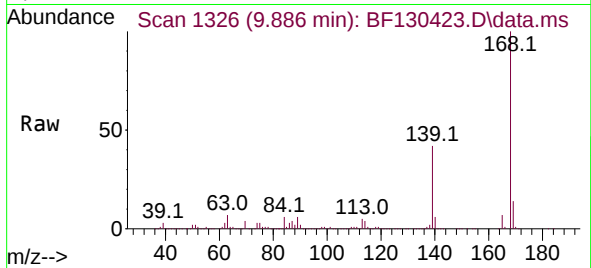




#55  
Dibenzenofuran  
Concen: 39.877 ng  
RT: 9.886 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF130423.D  
Acq: 27 Sep 2022 13:52

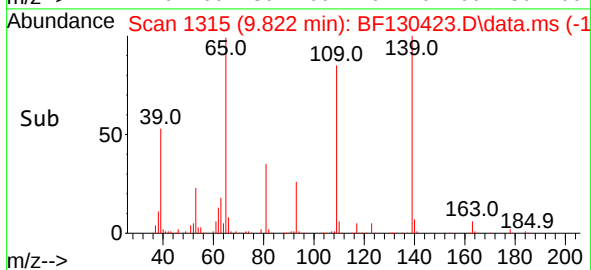
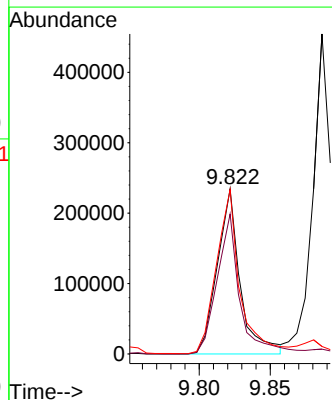
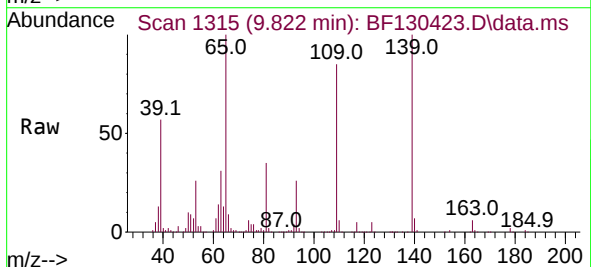
Instrument :  
BNA\_F  
ClientSampleId :  
PB147890BS

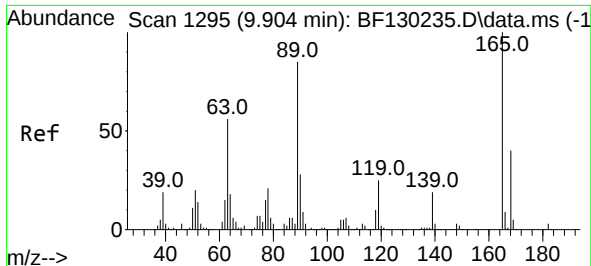
Tgt Ion:168 Resp: 921290  
Ion Ratio Lower Upper  
168 100  
139 42.1 35.0 52.4  
169 13.8 10.9 16.3



#56  
4-Nitrophenol  
Concen: 80.189 ng  
RT: 9.822 min Scan# 1315  
Delta R.T. -0.000 min  
Lab File: BF130423.D  
Acq: 27 Sep 2022 13:52

Tgt Ion:139 Resp: 262392  
Ion Ratio Lower Upper  
139 100  
109 84.8 72.2 112.2  
65 99.6 97.7 137.7

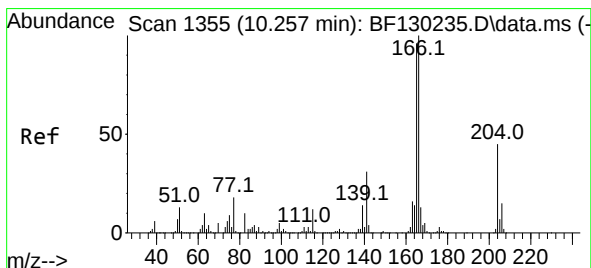
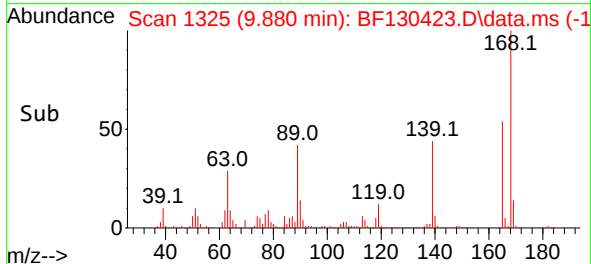
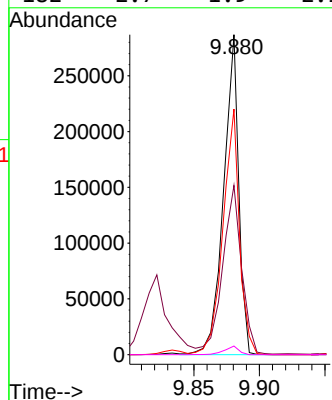
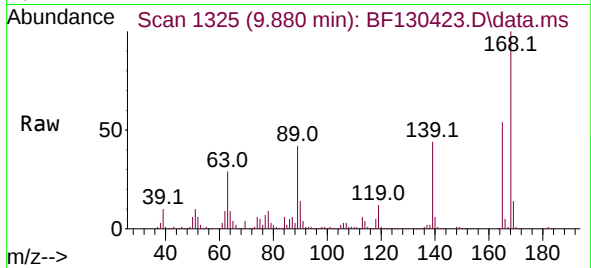




#57  
2,4-Dinitrotoluene  
Concen: 44.482 ng  
RT: 9.880 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF130423.D  
Acq: 27 Sep 2022 13:52

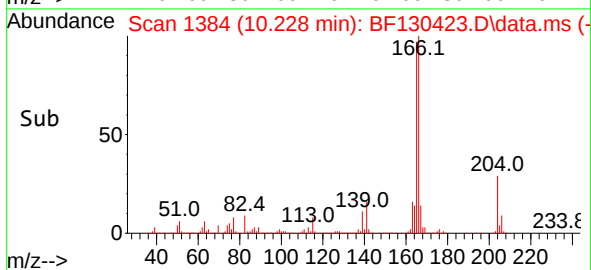
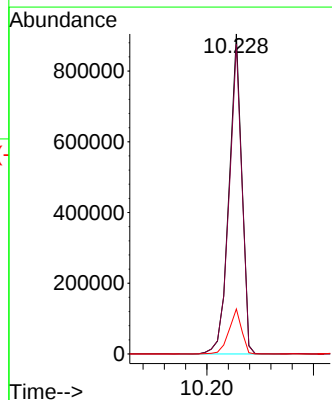
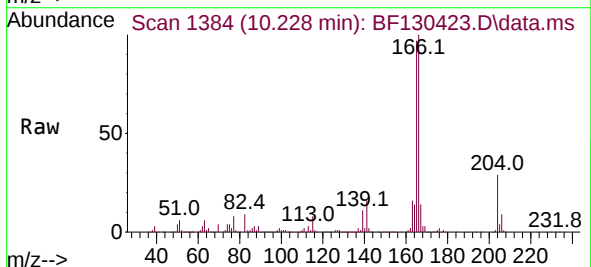
Instrument :  
BNA\_F  
ClientSampleId :  
PB147890BS

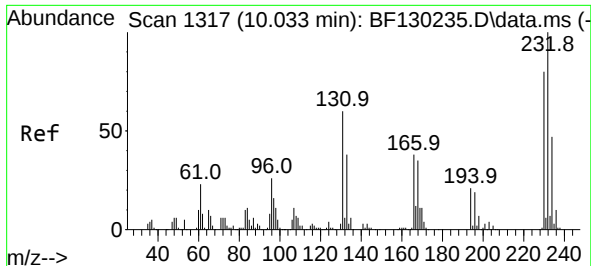
|             |              |
|-------------|--------------|
| Tgt Ion:165 | Resp: 229200 |
| Ion Ratio   | Lower Upper  |
| 165 100     |              |
| 63 52.9     | 44.7 67.1    |
| 89 76.7     | 69.0 103.4   |
| 182 2.7     | 1.9 2.9      |



#58  
Fluorene  
Concen: 39.724 ng  
RT: 10.228 min Scan# 1384  
Delta R.T. -0.012 min  
Lab File: BF130423.D  
Acq: 27 Sep 2022 13:52

|             |              |       |       |
|-------------|--------------|-------|-------|
| Tgt Ion:166 | Resp: 750564 |       |       |
| Ion Ratio   | Lower        | Upper |       |
| 166         | 100          |       |       |
| 165         | 96.7         | 78.8  | 118.2 |
| 167         | 14.1         | 10.6  | 15.8  |

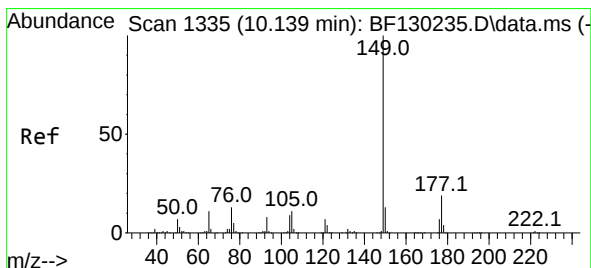
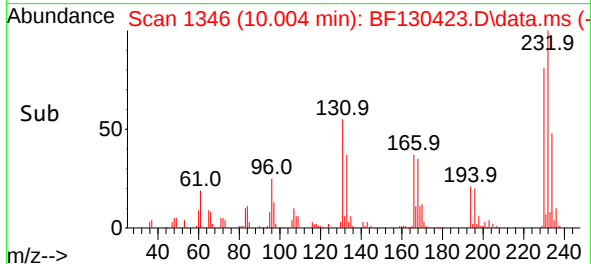
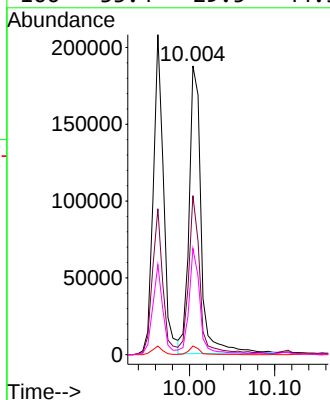
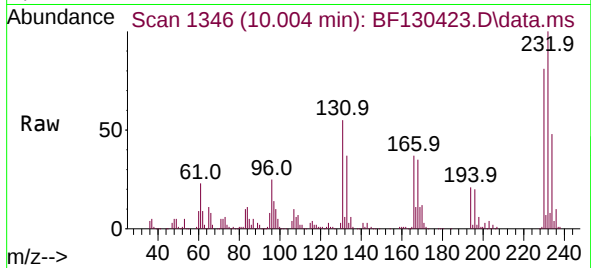




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 40.621 ng  
RT: 10.004 min Scan# 1317  
Delta R.T. -0.012 min  
Lab File: BF130423.D  
Acq: 27 Sep 2022 13:52

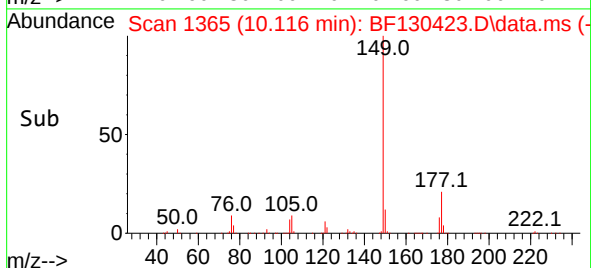
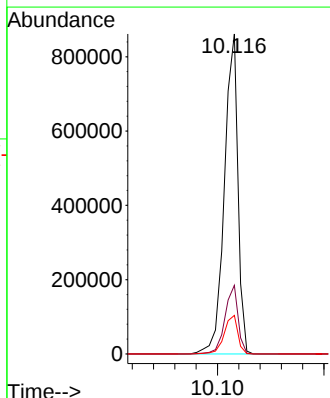
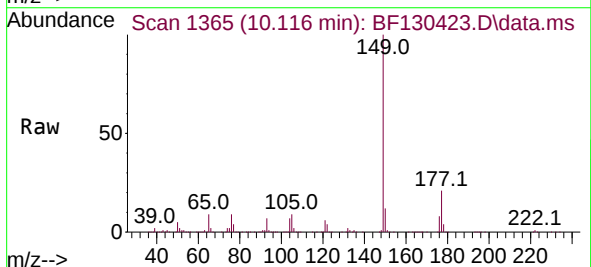
Instrument :  
BNA\_F  
ClientSampleId :  
PB147890BS

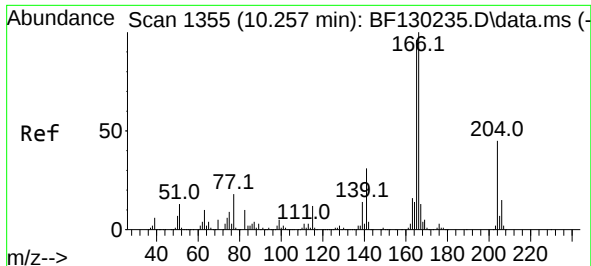
Tgt Ion:232 Resp: 182378  
Ion Ratio Lower Upper  
232 100  
131 51.8 46.4 69.6  
130 2.8 2.3 3.5  
166 33.4 29.5 44.3



#60  
Diethylphthalate  
Concen: 39.238 ng  
RT: 10.116 min Scan# 1365  
Delta R.T. -0.000 min  
Lab File: BF130423.D  
Acq: 27 Sep 2022 13:52

Tgt Ion:149 Resp: 758554  
Ion Ratio Lower Upper  
149 100  
177 21.5 16.1 24.1  
150 12.1 9.9 14.9

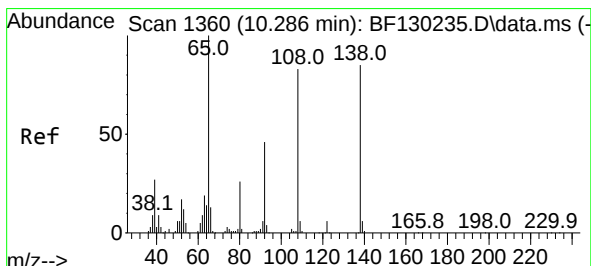
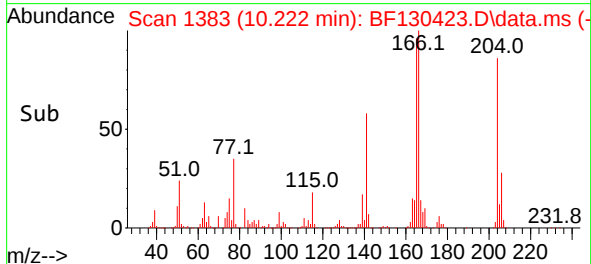
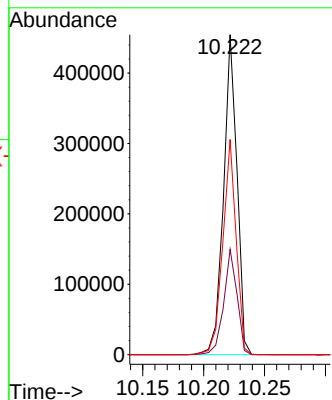
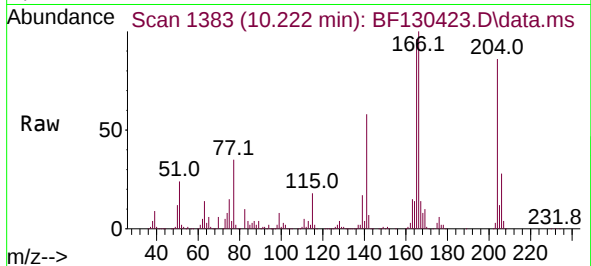




#61  
4-Chlorophenyl-phenylether  
Concen: 42.218 ng  
RT: 10.222 min Scan# 11  
Delta R.T. -0.012 min  
Lab File: BF130423.D  
Acq: 27 Sep 2022 13:52

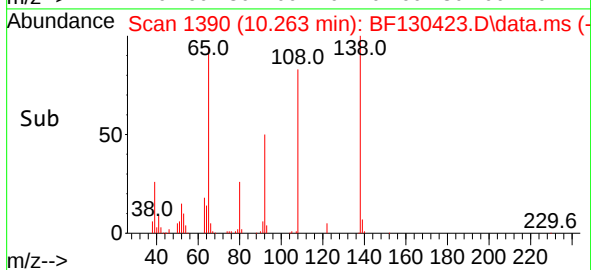
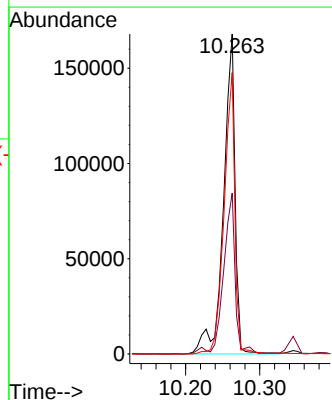
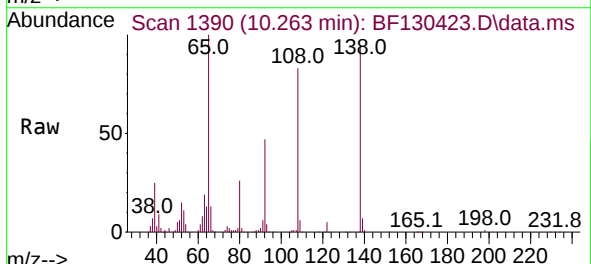
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ClientSampleId :  
PB147890BS

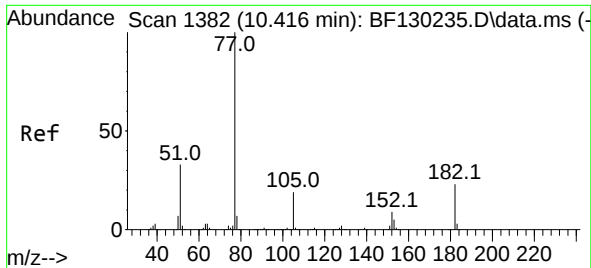
Tgt Ion:204 Resp: 349933  
Ion Ratio Lower Upper  
204 100  
206 32.9 26.6 39.8  
141 67.2 57.1 85.7



#62  
4-Nitroaniline  
Concen: 40.252 ng  
RT: 10.263 min Scan# 1390  
Delta R.T. -0.000 min  
Lab File: BF130423.D  
Acq: 27 Sep 2022 13:52

Tgt Ion:138 Resp: 181660  
Ion Ratio Lower Upper  
138 100  
92 50.3 36.7 76.7  
108 88.0 78.2 118.2

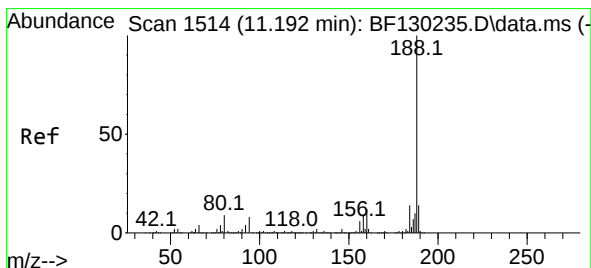
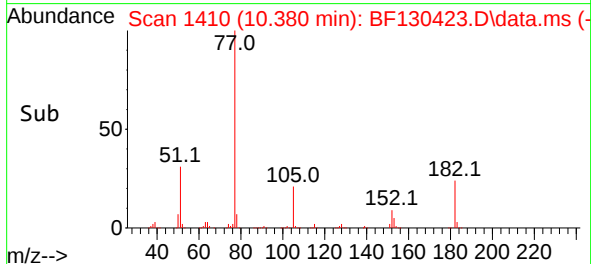
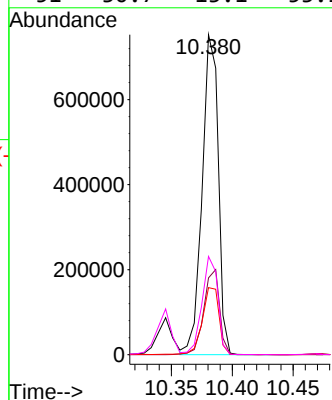
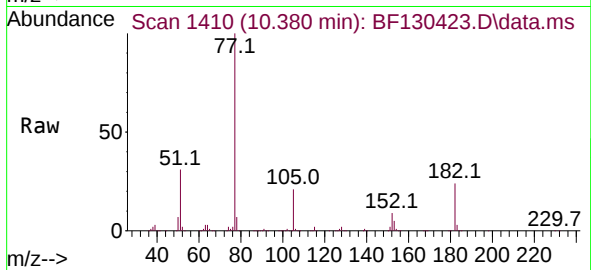




#63  
Azobenzene  
Concen: 34.782 ng  
RT: 10.380 min Scan# 1410  
Delta R.T. -0.012 min  
Lab File: BF130423.D  
Acq: 27 Sep 2022 13:52

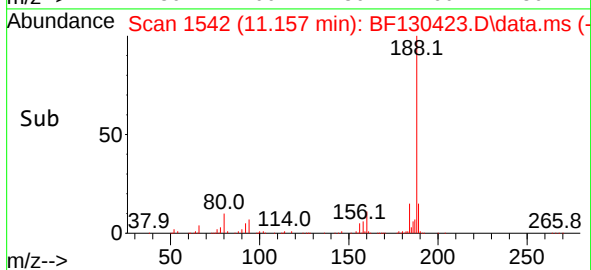
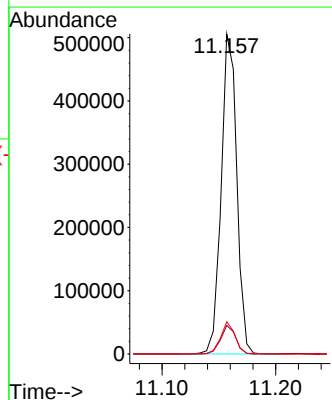
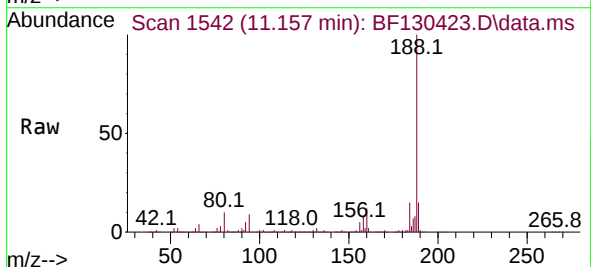
Instrument :  
BNA\_F  
ClientSampleId :  
PB147890BS

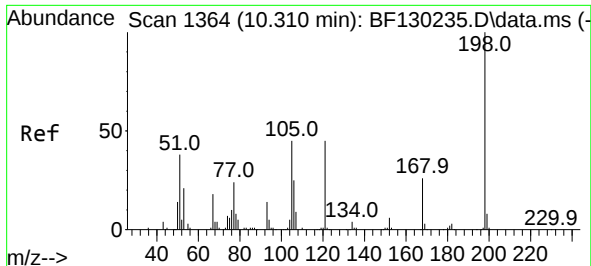
|             |              |
|-------------|--------------|
| Tgt Ion: 77 | Resp: 692396 |
| Ion Ratio   | Lower Upper  |
| 77 100      |              |
| 182 24.0    | 2.1 42.1     |
| 105 21.0    | 0.0 39.4     |
| 51 30.7     | 13.1 53.1    |



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.157 min Scan# 1542  
Delta R.T. -0.012 min  
Lab File: BF130423.D  
Acq: 27 Sep 2022 13:52

|             |              |
|-------------|--------------|
| Tgt Ion:188 | Resp: 482481 |
| Ion Ratio   | Lower Upper  |
| 188 100     |              |
| 94 8.9      | 7.4 11.2     |
| 80 10.1     | 7.9 11.9     |

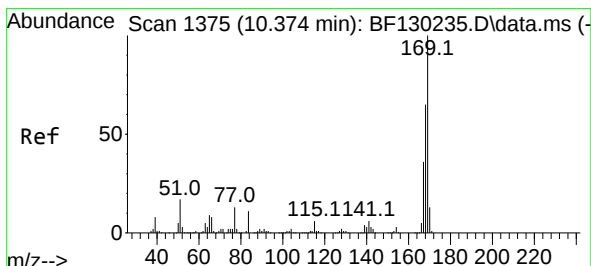
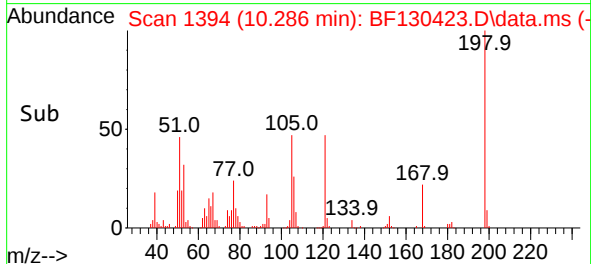
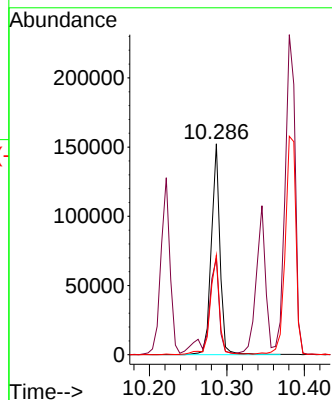
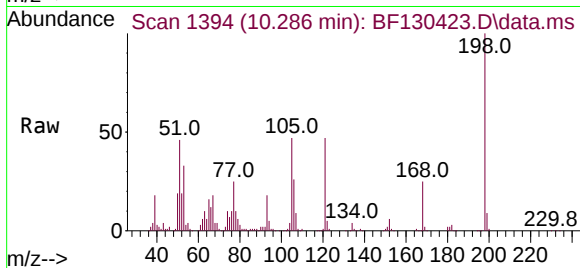




#65  
4,6-Dinitro-2-methylphenol  
Concen: 43.838 ng  
RT: 10.286 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF130423.D  
Acq: 27 Sep 2022 13:52

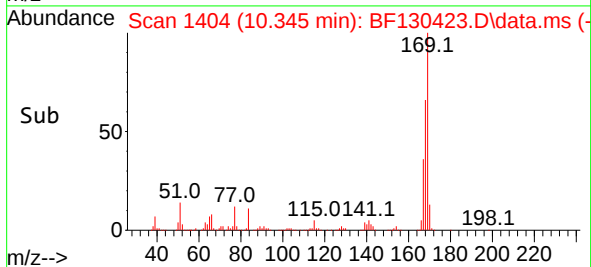
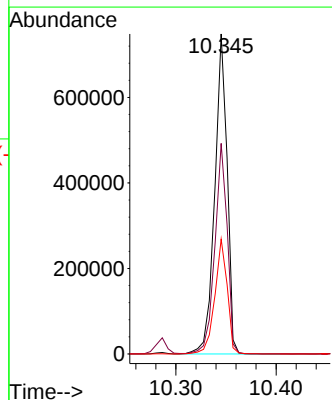
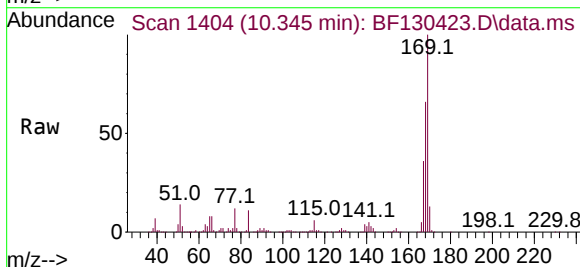
Instrument :  
BNA\_F  
ClientSampleId :  
PB147890BS

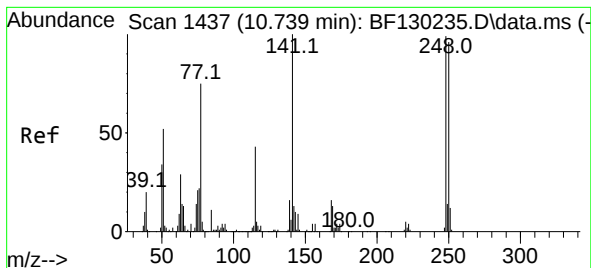
Tgt Ion:198 Resp: 117742  
Ion Ratio Lower Upper  
198 100  
51 45.7 36.9 76.9  
105 47.1 33.0 73.0



#66  
n-Nitrosodiphenylamine  
Concen: 39.733 ng  
RT: 10.345 min Scan# 1404  
Delta R.T. -0.006 min  
Lab File: BF130423.D  
Acq: 27 Sep 2022 13:52

Tgt Ion:169 Resp: 640608  
Ion Ratio Lower Upper  
169 100  
168 65.8 53.2 79.8  
167 35.9 29.2 43.8

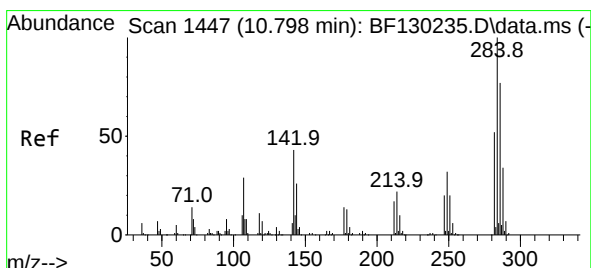
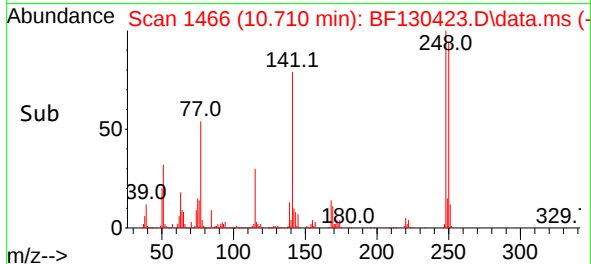
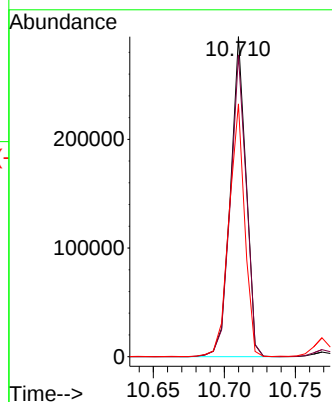
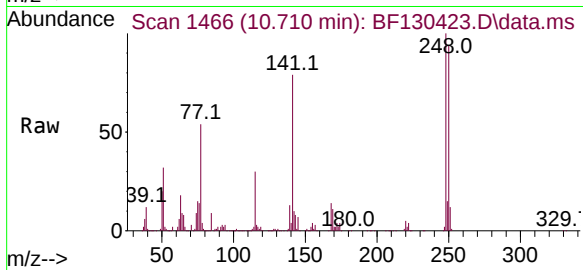




#67  
4-Bromophenyl-phenylether  
Concen: 42.236 ng  
RT: 10.710 min Scan# 14  
Delta R.T. -0.012 min  
Lab File: BF130423.D  
Acq: 27 Sep 2022 13:52

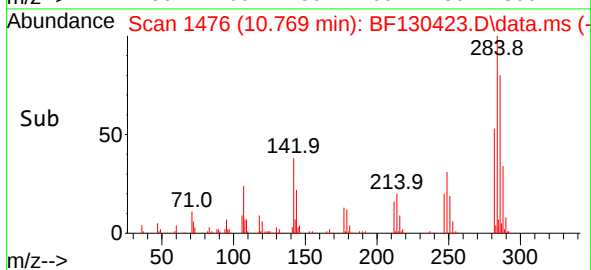
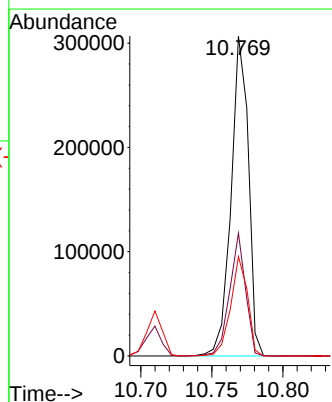
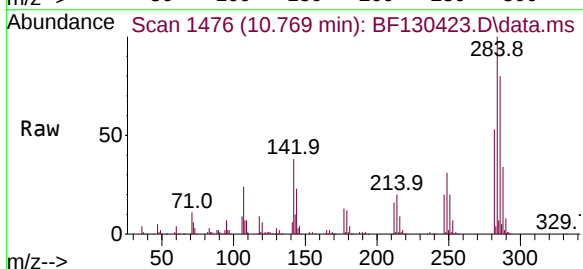
Instrument :  
BNA\_F  
ClientSampleId :  
PB147890BS

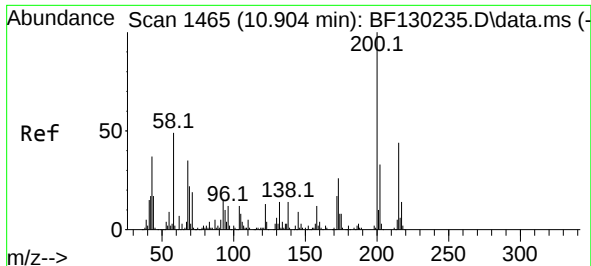
Tgt Ion:248 Resp: 224803  
Ion Ratio Lower Upper  
248 100  
250 94.3 80.0 120.0  
141 79.0 68.5 102.7



#68  
Hexachlorobenzene  
Concen: 43.161 ng  
RT: 10.769 min Scan# 1476  
Delta R.T. -0.012 min  
Lab File: BF130423.D  
Acq: 27 Sep 2022 13:52

Tgt Ion:284 Resp: 260409  
Ion Ratio Lower Upper  
284 100  
142 38.4 27.2 40.8  
249 31.1 23.8 35.8

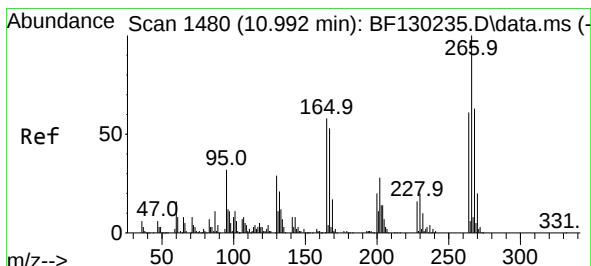
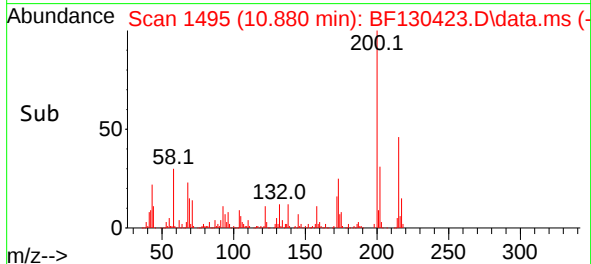
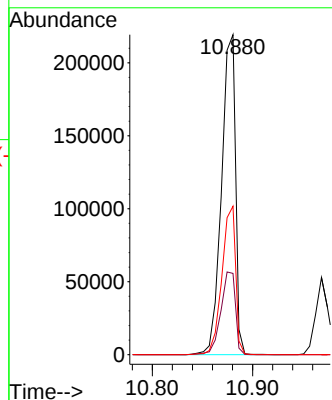
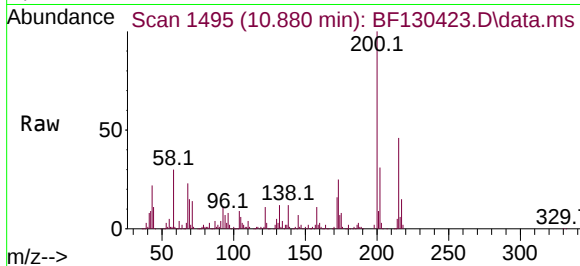




#69  
Atrazine  
Concen: 44.963 ng  
RT: 10.880 min Scan# 1465  
Delta R.T. -0.000 min  
Lab File: BF130423.D  
Acq: 27 Sep 2022 13:52

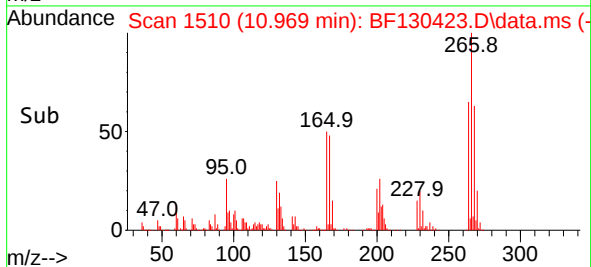
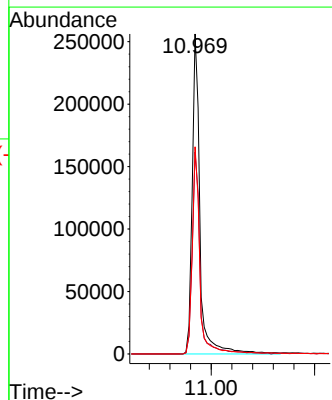
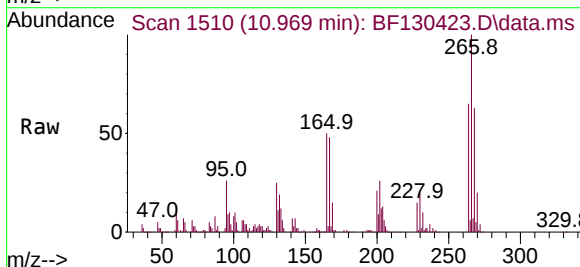
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ClientSampleId :  
PB147890BS

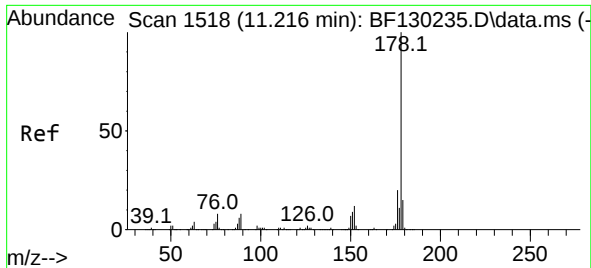
Tgt Ion:200 Resp: 211853  
Ion Ratio Lower Upper  
200 100  
173 25.4 6.2 46.2  
215 46.4 22.5 62.5



#70  
Pentachlorophenol  
Concen: 82.524 ng  
RT: 10.969 min Scan# 1510  
Delta R.T. -0.012 min  
Lab File: BF130423.D  
Acq: 27 Sep 2022 13:52

Tgt Ion:266 Resp: 267221  
Ion Ratio Lower Upper  
266 100  
268 63.1 50.5 75.7  
264 64.8 50.5 75.7

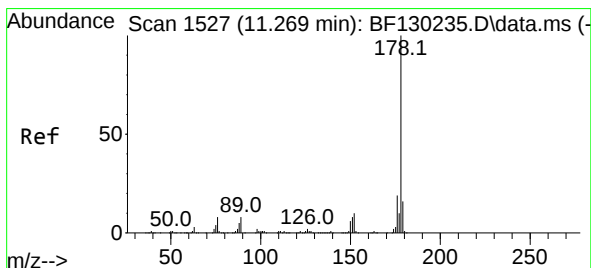
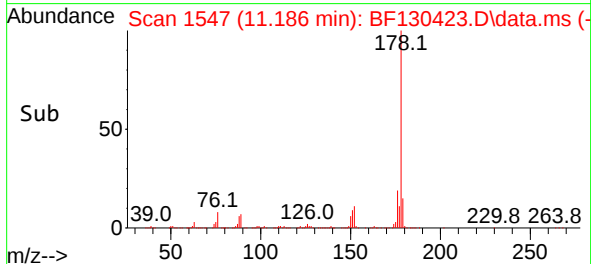
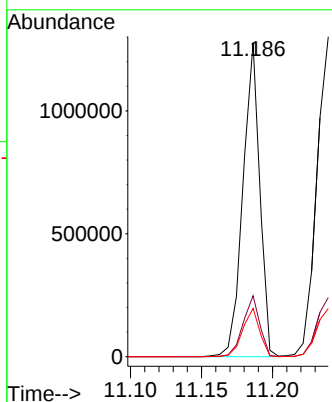
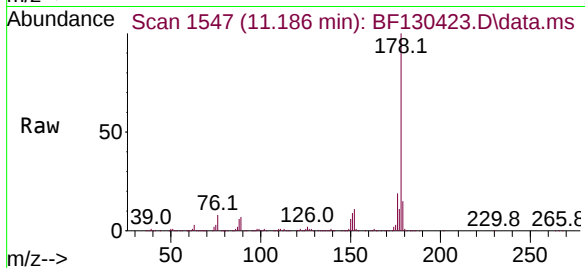




#71  
Phenanthrene  
Concen: 38.779 ng  
RT: 11.186 min Scan# 11556  
Delta R.T. -0.012 min  
Lab File: BF130423.D  
Acq: 27 Sep 2022 13:52

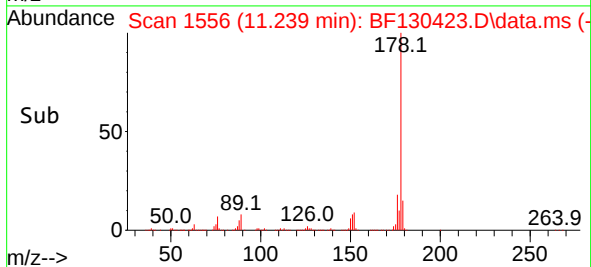
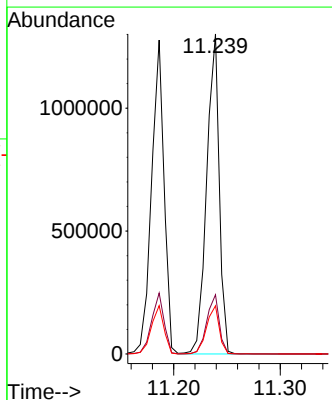
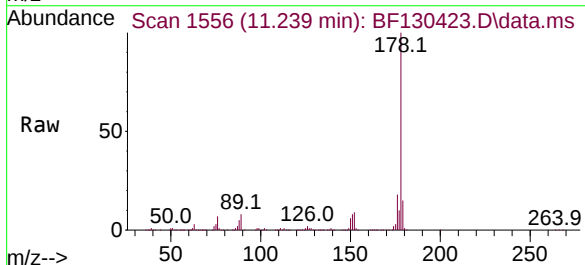
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BNA\_F  
ClientSampleId :  
PB147890BS

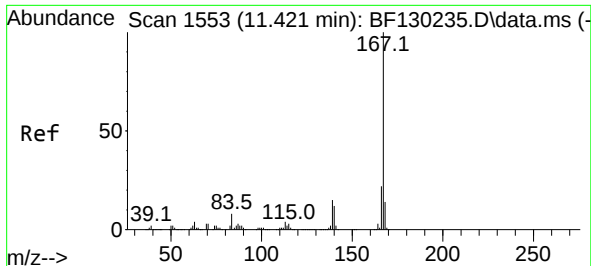
Tgt Ion:178 Resp: 1050470  
Ion Ratio Lower Upper  
178 100  
176 19.4 15.4 23.0  
179 15.4 12.4 18.6



#72  
Anthracene  
Concen: 40.905 ng  
RT: 11.239 min Scan# 1556  
Delta R.T. -0.006 min  
Lab File: BF130423.D  
Acq: 27 Sep 2022 13:52

Tgt Ion:178 Resp: 1069295  
Ion Ratio Lower Upper  
178 100  
176 18.5 15.0 22.6  
179 15.1 12.7 19.1

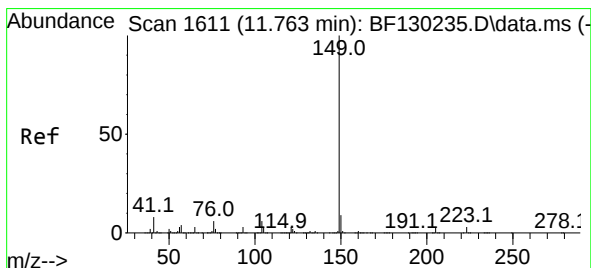
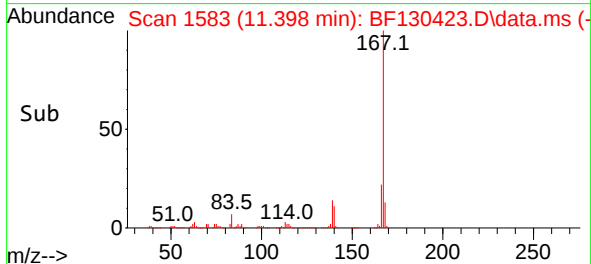
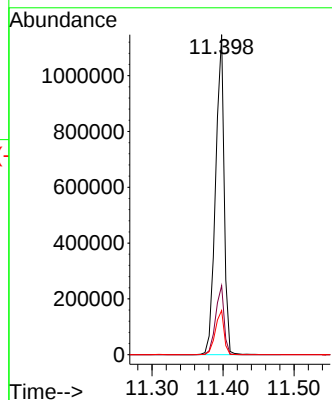
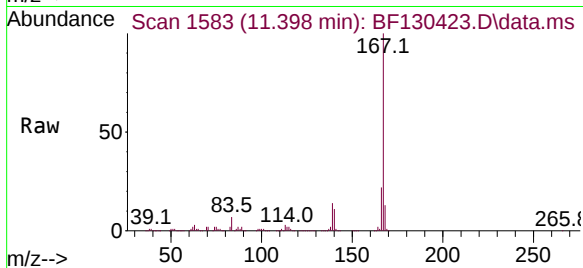




#73  
 Carbazole  
 Concen: 40.723 ng  
 RT: 11.398 min Scan# 1639  
 Delta R.T. -0.006 min  
 Lab File: BF130423.D  
 Acq: 27 Sep 2022 13:52

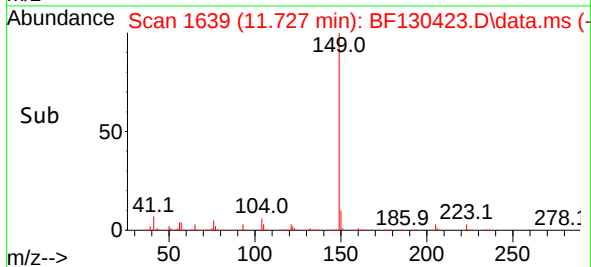
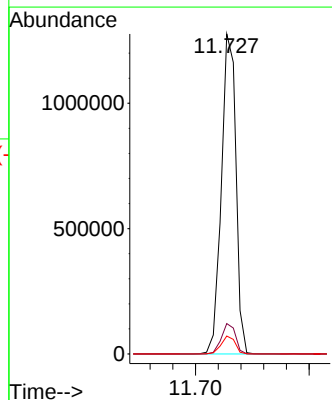
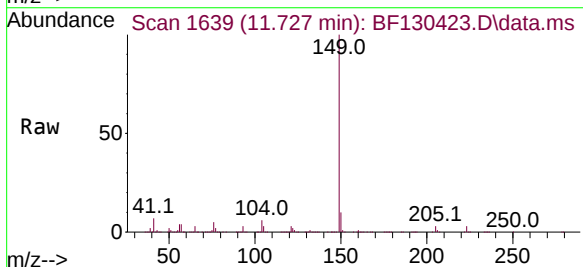
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 ClientSampleId :  
 PB147890BS

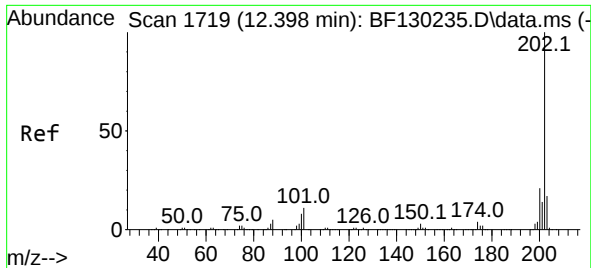
Tgt Ion:167 Resp: 960725  
 Ion Ratio Lower Upper  
 167 100  
 166 21.5 17.4 26.2  
 139 13.8 11.6 17.4



#74  
 Di-n-butylphthalate  
 Concen: 40.034 ng  
 RT: 11.727 min Scan# 1639  
 Delta R.T. -0.012 min  
 Lab File: BF130423.D  
 Acq: 27 Sep 2022 13:52

Tgt Ion:149 Resp: 1138924  
 Ion Ratio Lower Upper  
 149 100  
 150 9.5 7.4 11.2  
 104 5.6 4.8 7.2

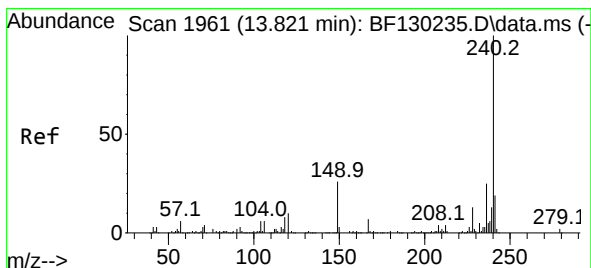
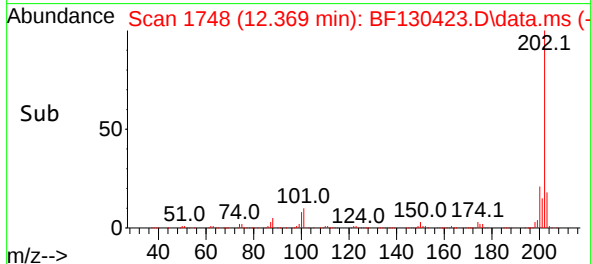
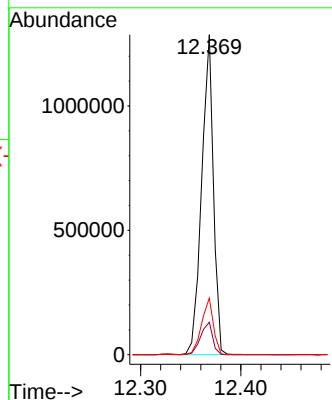
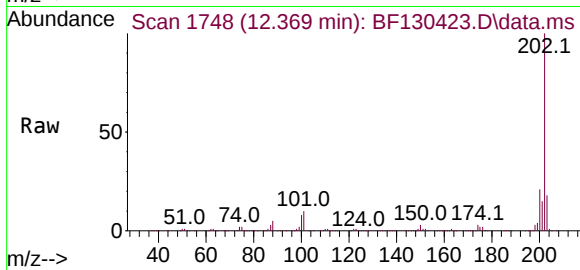




#75  
Fluoranthene  
Concen: 40.187 ng  
RT: 12.369 min Scan# 1  
Delta R.T. -0.012 min  
Lab File: BF130423.D  
Acq: 27 Sep 2022 13:52

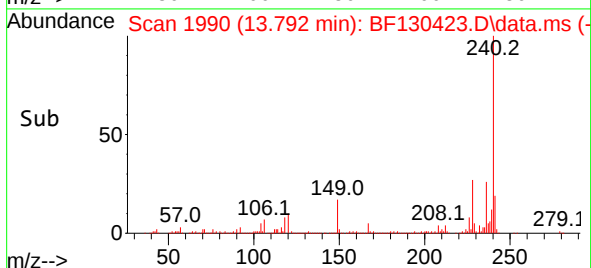
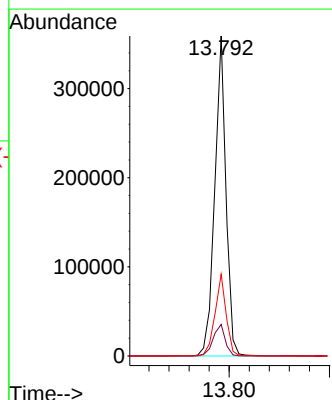
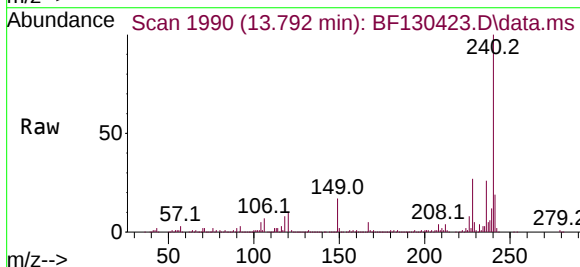
Instrument :  
BNA\_F  
ClientSampleId :  
PB147890BS

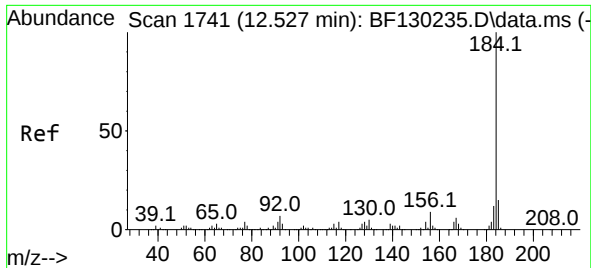
Tgt Ion:202 Resp: 1051909  
Ion Ratio Lower Upper  
202 100  
101 10.1 0.0 31.8  
203 17.7 0.0 37.8



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.792 min Scan# 1990  
Delta R.T. -0.012 min  
Lab File: BF130423.D  
Acq: 27 Sep 2022 13:52

Tgt Ion:240 Resp: 279283  
Ion Ratio Lower Upper  
240 100  
120 9.8 8.7 13.1  
236 25.5 20.9 31.3

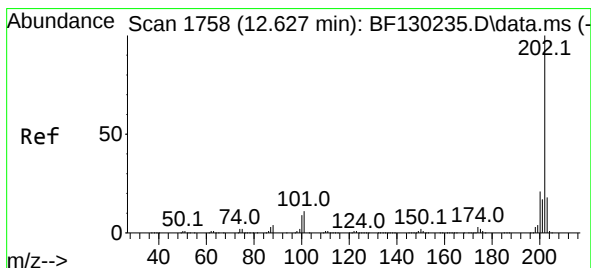
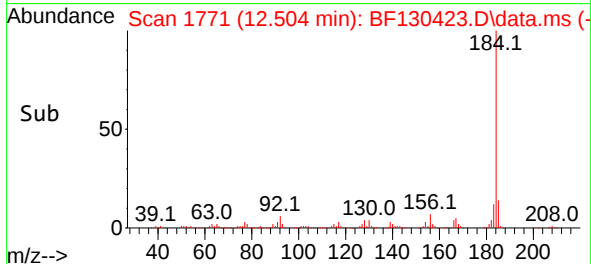
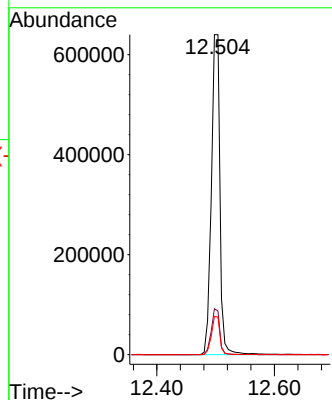
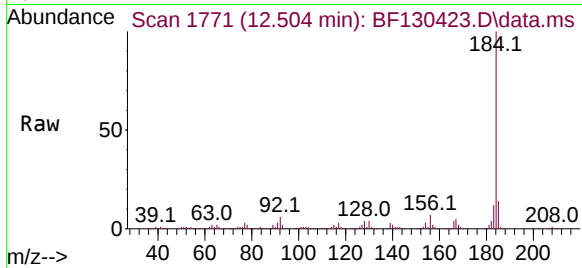




#77  
Benzidine  
Concen: 79.863 ng  
RT: 12.504 min Scan# 1771  
Delta R.T. -0.006 min  
Lab File: BF130423.D  
Acq: 27 Sep 2022 13:52

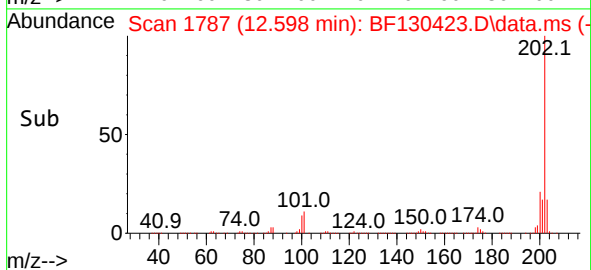
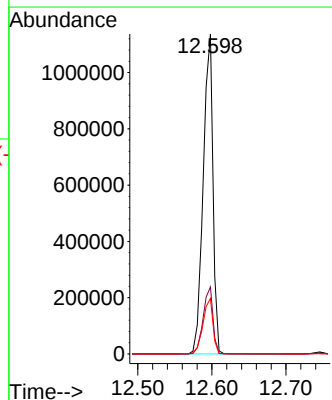
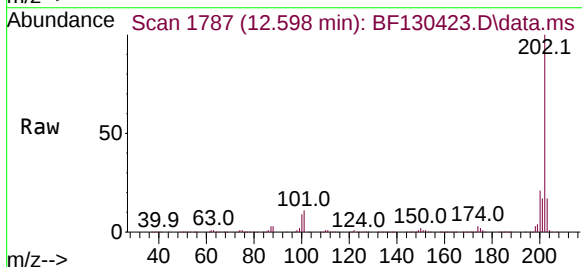
Instrument :  
BNA\_F  
ClientSampleId :  
PB147890BS

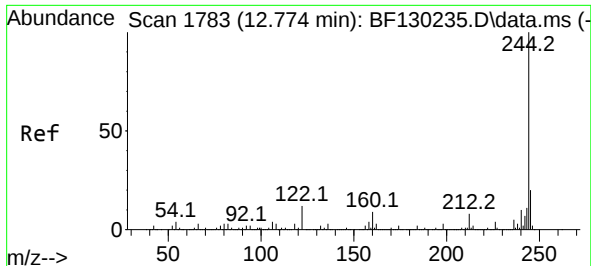
Tgt Ion:184 Resp: 647478  
Ion Ratio Lower Upper  
184 100  
185 13.6 11.8 17.6  
183 11.8 9.1 13.7



#78  
Pyrene  
Concen: 42.456 ng  
RT: 12.598 min Scan# 1787  
Delta R.T. -0.012 min  
Lab File: BF130423.D  
Acq: 27 Sep 2022 13:52

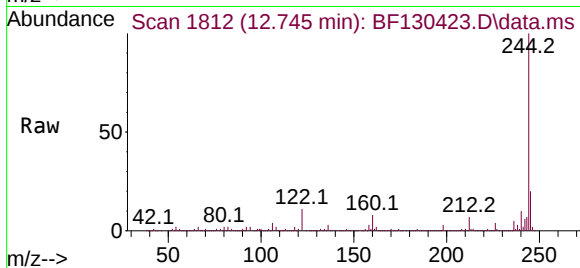
Tgt Ion:202 Resp: 1037268  
Ion Ratio Lower Upper  
202 100  
200 20.9 17.2 25.8  
203 17.4 14.3 21.5



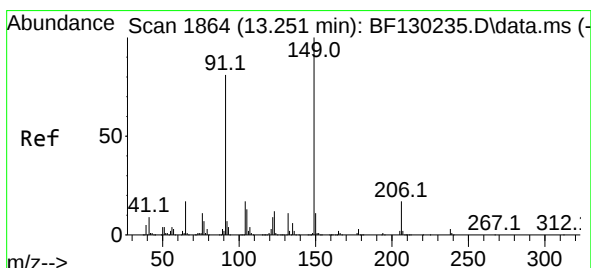
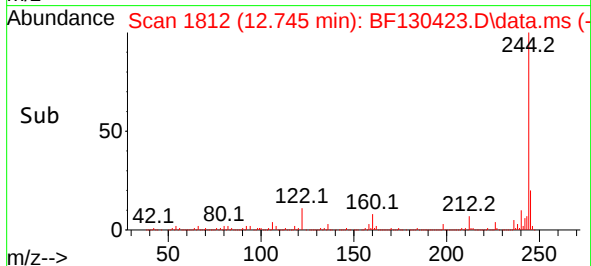
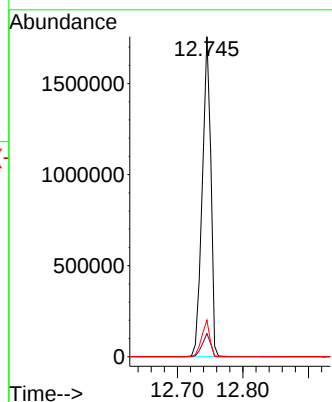


#79  
 Terphenyl-d14  
 Concen: 94.504 ng  
 RT: 12.745 min Scan# 1812  
 Delta R.T. -0.012 min  
 Lab File: BF130423.D  
 Acq: 27 Sep 2022 13:52

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB147890BS

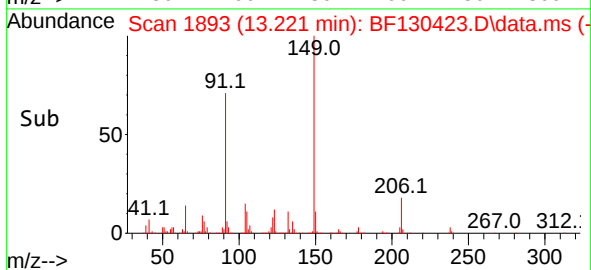
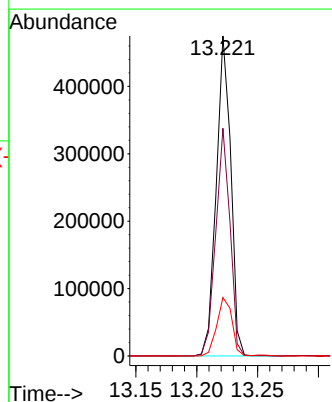
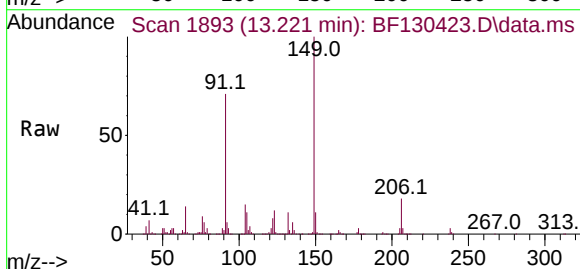


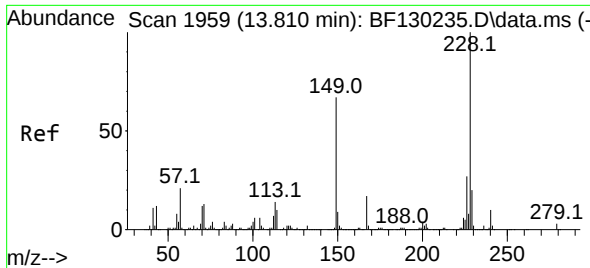
Tgt Ion:244 Resp: 1593335  
 Ion Ratio Lower Upper  
 244 100  
 212 7.2 5.9 8.9  
 122 11.5 8.5 12.7



#80  
 Butylbenzylphthalate  
 Concen: 43.593 ng  
 RT: 13.221 min Scan# 1893  
 Delta R.T. -0.018 min  
 Lab File: BF130423.D  
 Acq: 27 Sep 2022 13:52

Tgt Ion:149 Resp: 394561  
 Ion Ratio Lower Upper  
 149 100  
 91 71.2 59.8 89.8  
 206 18.3 13.9 20.9

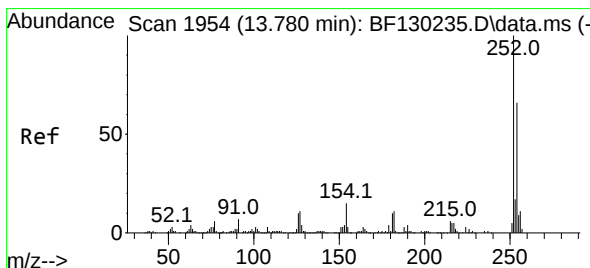
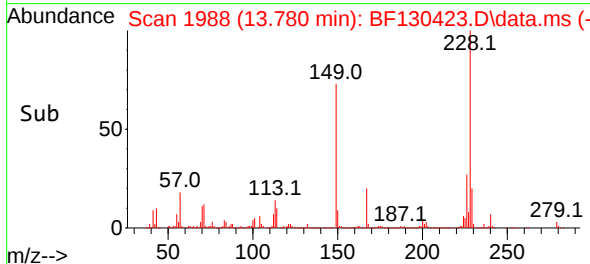
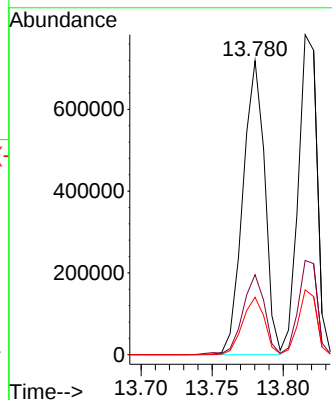
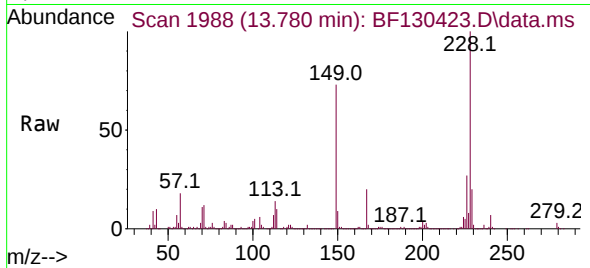




#81  
Benzo(a)anthracene  
Concen: 41.227 ng  
RT: 13.780 min Scan# 1959  
Delta R.T. -0.012 min  
Lab File: BF130423.D  
Acq: 27 Sep 2022 13:52

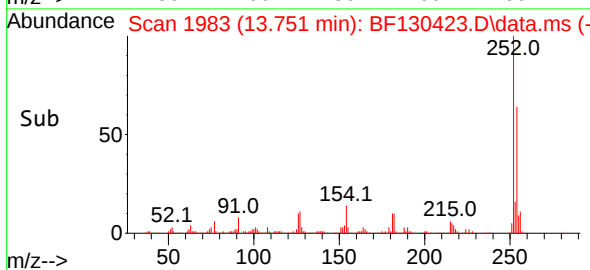
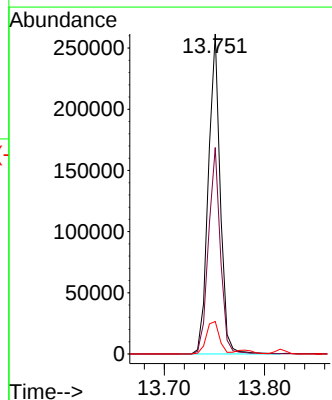
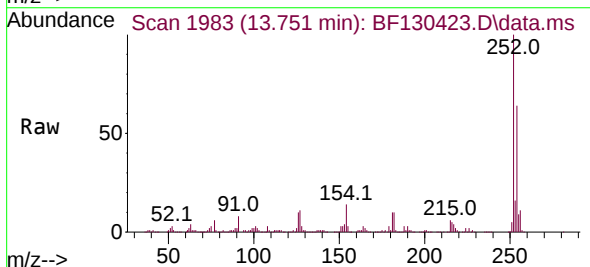
Instrument :  
BNA\_F  
ClientSampleId :  
PB147890BS

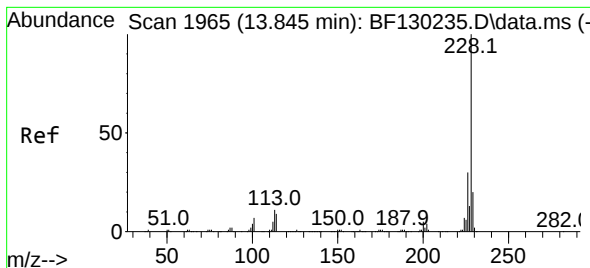
Tgt Ion:228 Resp: 765971  
Ion Ratio Lower Upper  
228 100  
226 27.2 21.9 32.9  
229 19.5 16.1 24.1



#82  
3,3'-Dichlorobenzidine  
Concen: 42.869 ng  
RT: 13.751 min Scan# 1983  
Delta R.T. -0.012 min  
Lab File: BF130423.D  
Acq: 27 Sep 2022 13:52

Tgt Ion:252 Resp: 216811  
Ion Ratio Lower Upper  
252 100  
254 64.5 51.1 76.7  
126 10.2 10.4 15.6#





#83

Chrysene

Concen: 40.854 ng

RT: 13.816 min Scan# 1994

Delta R.T. -0.018 min

Lab File: BF130423.D

Acq: 27 Sep 2022 13:52

Instrument :

BNA\_F

ClientSampleId :

PB147890BS

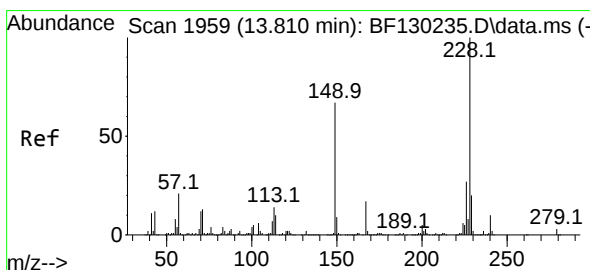
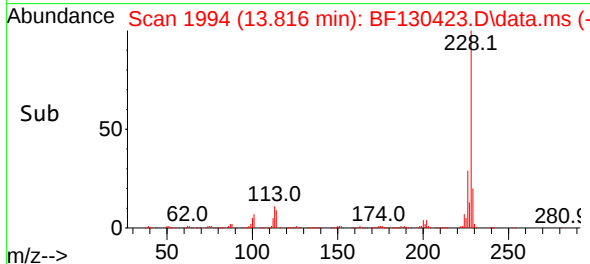
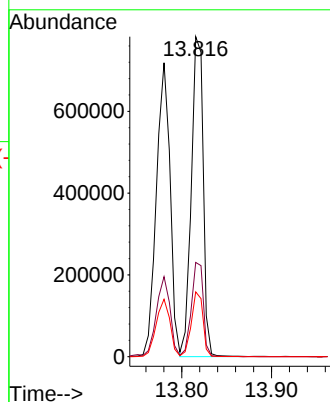
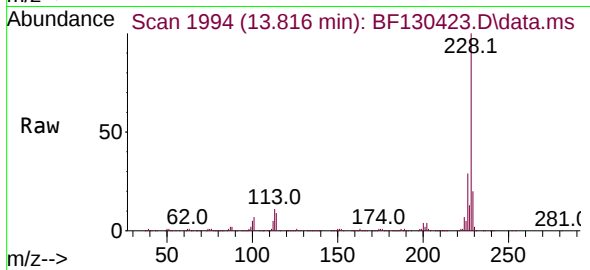
Tgt Ion:228 Resp: 720699

Ion Ratio Lower Upper

228 100

226 29.5 23.8 35.8

229 20.3 15.3 22.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.517 ng

RT: 13.780 min Scan# 1988

Delta R.T. -0.018 min

Lab File: BF130423.D

Acq: 27 Sep 2022 13:52

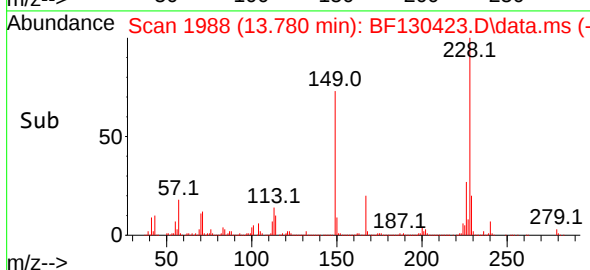
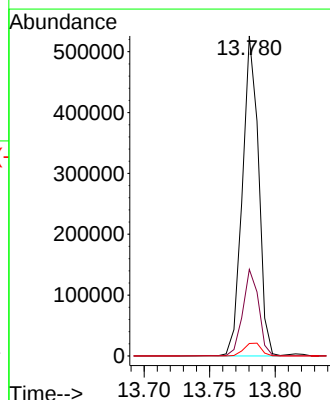
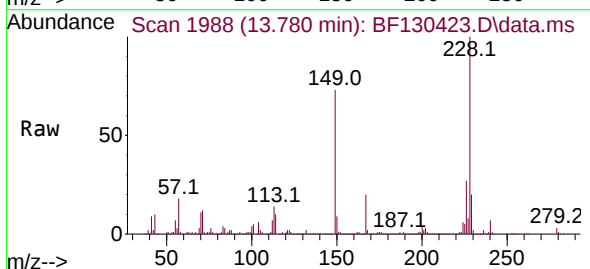
Tgt Ion:149 Resp: 451151

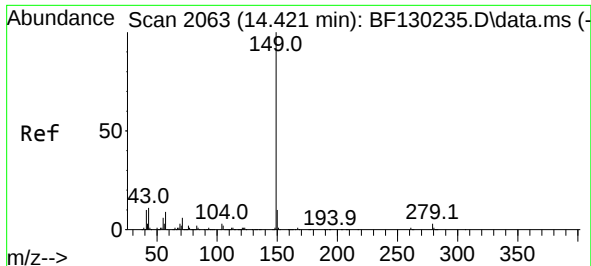
Ion Ratio Lower Upper

149 100

167 27.0 20.5 30.7

279 3.9 2.9 4.3

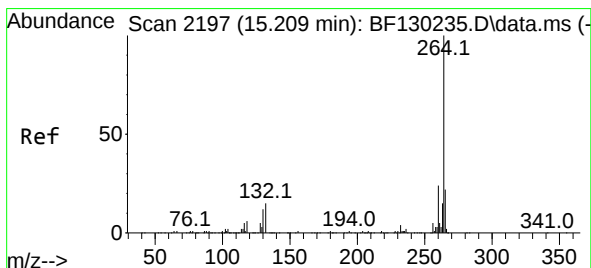
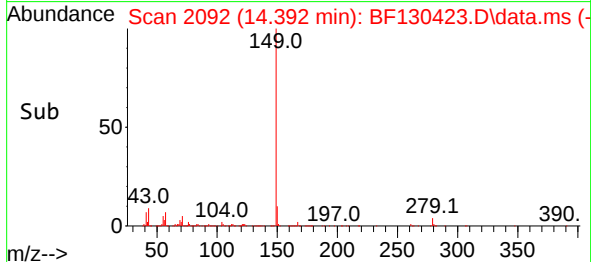
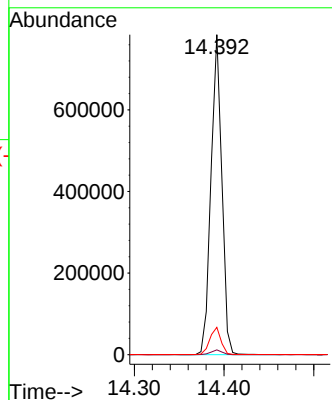
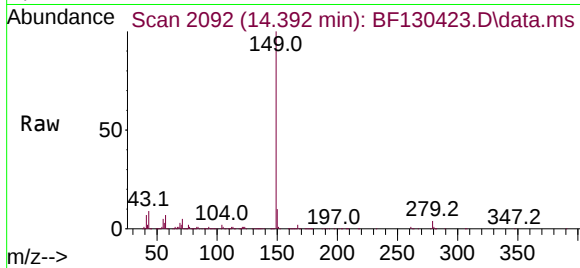




#85  
Di-n-octyl phthalate  
Concen: 41.503 ng  
RT: 14.392 min Scan# 2063  
Delta R.T. -0.018 min  
Lab File: BF130423.D  
Acq: 27 Sep 2022 13:52

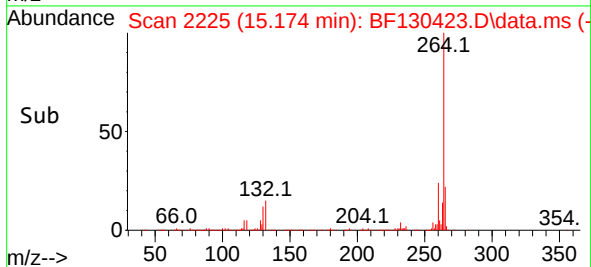
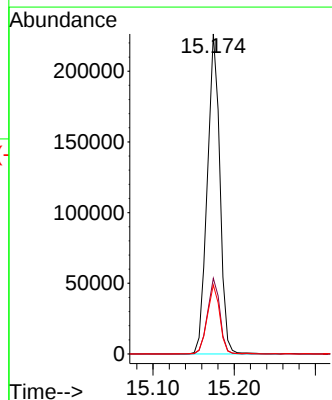
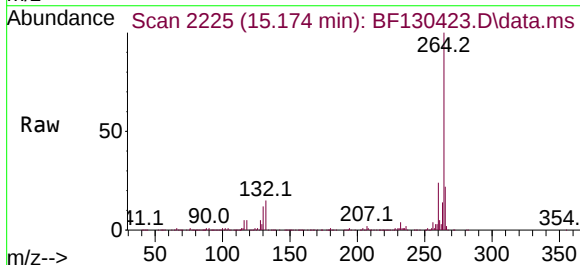
Instrument :  
BNA\_F  
ClientSampleId :  
PB147890BS

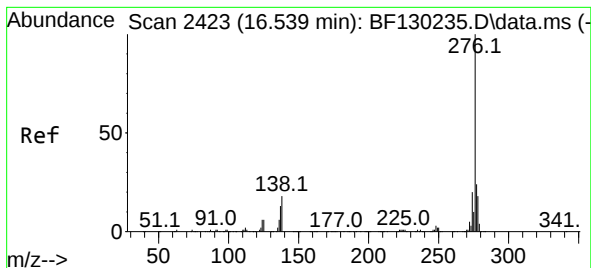
Tgt Ion:149 Resp: 658106  
Ion Ratio Lower Upper  
149 100  
167 1.5 1.2 1.8  
43 8.8 8.7 13.1



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.174 min Scan# 2225  
Delta R.T. -0.018 min  
Lab File: BF130423.D  
Acq: 27 Sep 2022 13:52

Tgt Ion:264 Resp: 242667  
Ion Ratio Lower Upper  
264 100  
260 23.7 19.3 28.9  
265 21.6 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 41.916 ng

RT: 16.498 min Scan# 24

Delta R.T. -0.029 min

Lab File: BF130423.D

Acq: 27 Sep 2022 13:52

Instrument :

BNA\_F

ClientSampleId :

PB147890BS

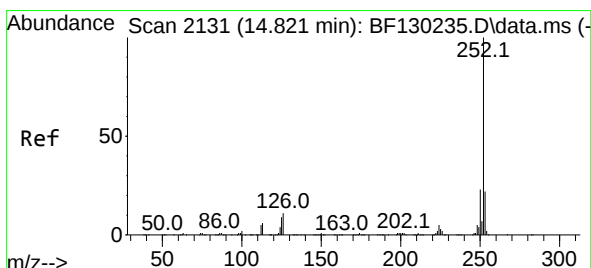
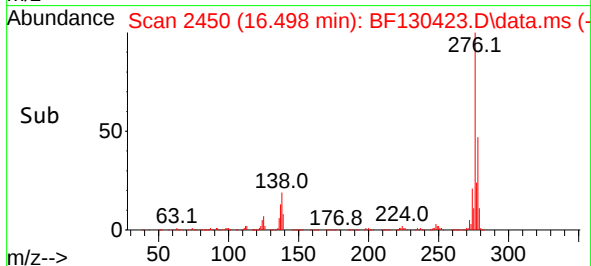
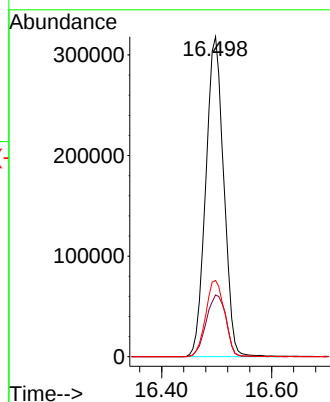
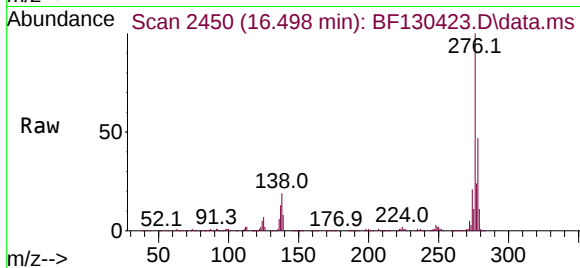
Tgt Ion:276 Resp: 721308

Ion Ratio Lower Upper

276 100

138 21.4 18.5 27.7

277 25.1 20.2 30.4



#88

Benzo(b)fluoranthene

Concen: 43.997 ng

RT: 14.792 min Scan# 2160

Delta R.T. -0.012 min

Lab File: BF130423.D

Acq: 27 Sep 2022 13:52

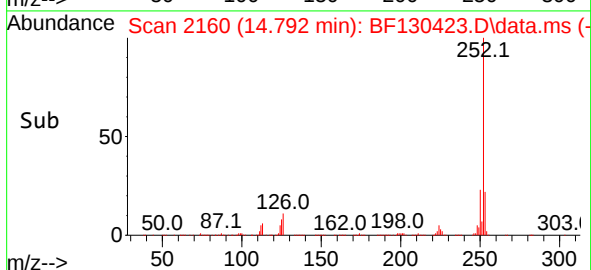
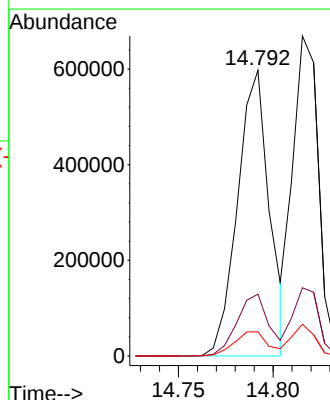
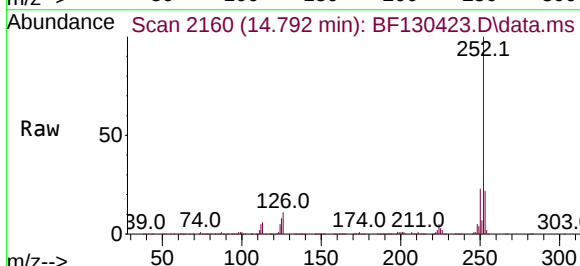
Tgt Ion:252 Resp: 696857

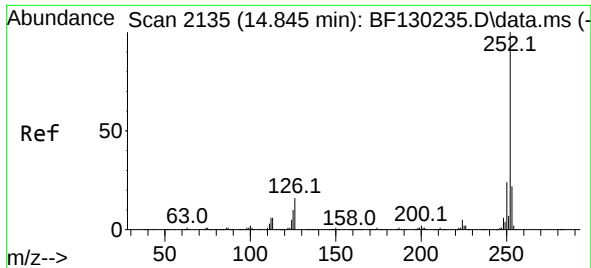
Ion Ratio Lower Upper

252 100

253 21.6 17.7 26.5

125 8.5 8.1 12.1

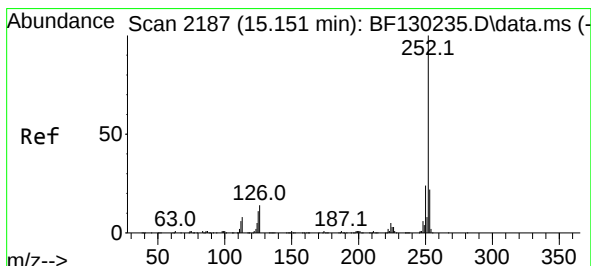
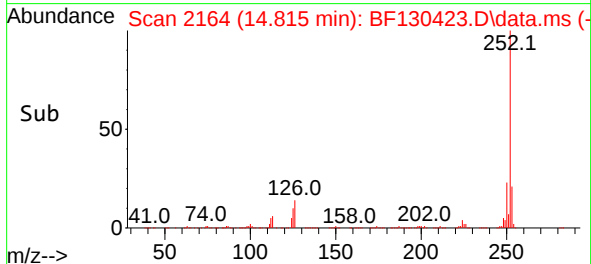
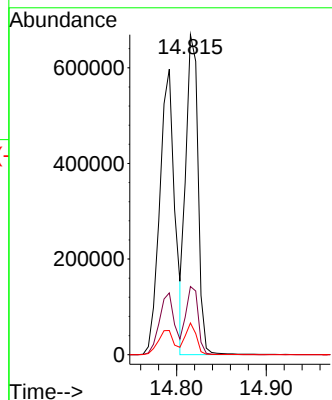
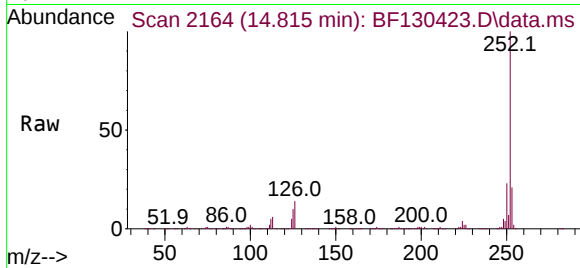




#89  
Benzo(k)fluoranthene  
Concen: 40.691 ng  
RT: 14.815 min Scan# 2135  
Delta R.T. -0.018 min  
Lab File: BF130423.D  
Acq: 27 Sep 2022 13:52

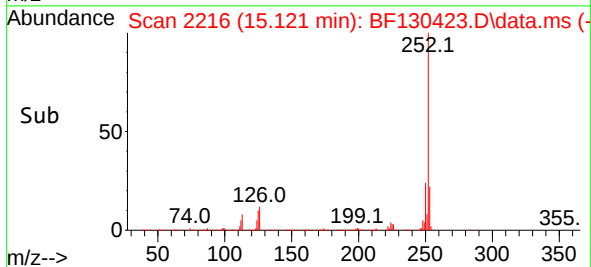
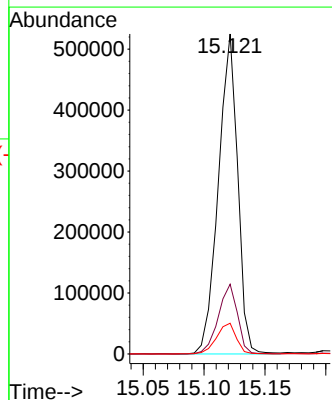
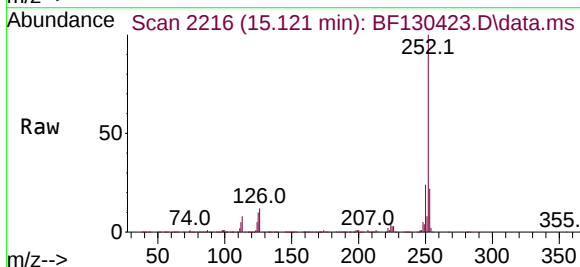
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ClientSampleId :  
PB147890BS

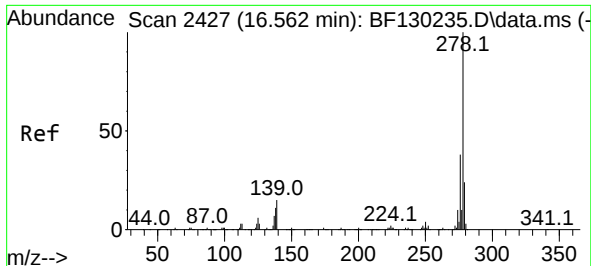
Tgt Ion:252 Resp: 633981  
Ion Ratio Lower Upper  
252 100  
253 21.3 17.4 26.2  
125 9.9 7.9 11.9



#90  
Benzo(a)pyrene  
Concen: 46.151 ng  
RT: 15.121 min Scan# 2216  
Delta R.T. -0.018 min  
Lab File: BF130423.D  
Acq: 27 Sep 2022 13:52

Tgt Ion:252 Resp: 579105  
Ion Ratio Lower Upper  
252 100  
253 21.8 17.8 26.6  
125 9.6 9.0 13.6

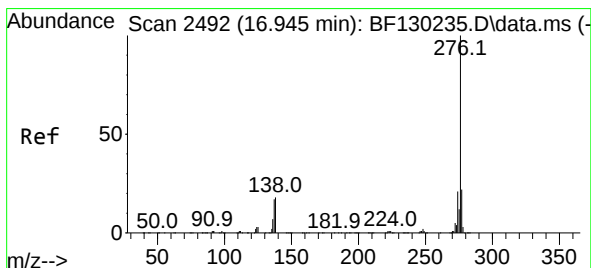
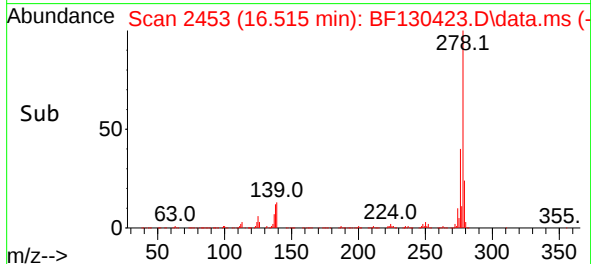
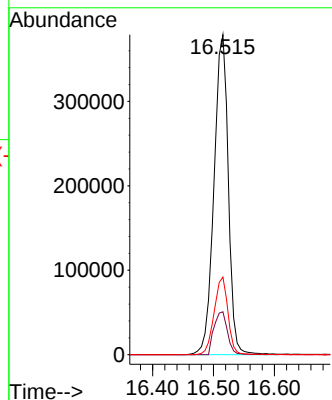
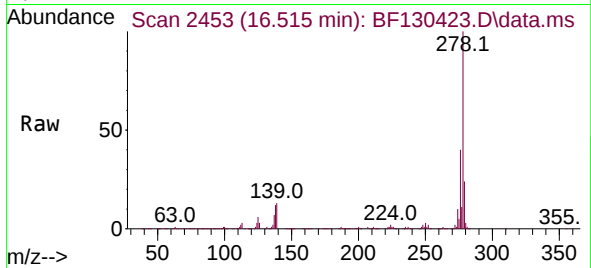




#91  
 Dibenzo(a,h)anthracene  
 Concen: 43.990 ng  
 RT: 16.515 min Scan# 2427  
 Delta R.T. -0.029 min  
 Lab File: BF130423.D  
 Acq: 27 Sep 2022 13:52

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB147890BS

Tgt Ion:278 Resp: 621005  
 Ion Ratio Lower Upper  
 278 100  
 139 13.4 11.8 17.8  
 279 24.3 19.4 29.0



#92  
 Benzo(g,h,i)perylene  
 Concen: 43.272 ng  
 RT: 16.898 min Scan# 2518  
 Delta R.T. -0.029 min  
 Lab File: BF130423.D  
 Acq: 27 Sep 2022 13:52

Tgt Ion:276 Resp: 615355  
 Ion Ratio Lower Upper  
 276 100  
 277 24.6 18.6 27.8  
 138 18.5 14.6 21.8

