

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF083122\  
 Data File : BF130066.D  
 Acq On : 31 Aug 2022 23:18  
 Operator : CG\JU  
 Sample : PB147324BS  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB147324BS

Quant Time: Sep 01 03:34:34 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF083122.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Aug 31 18:15:32 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.704  | 152  | 271691   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 7.986  | 136  | 1095186  | 20.000  | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 9.739  | 164  | 564144   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.222 | 188  | 915256   | 20.000  | ng    | # 0.00   |
| 76) Chrysene-d12              | 13.851 | 240  | 526901   | 20.000  | ng    | # 0.00   |
| 86) Perylene-d12              | 15.251 | 264  | 476960   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.328  | 112  | 1912234  | 119.485 | ng    | 0.02     |
| 7) Phenol-d6                  | 6.345  | 99   | 2413970  | 120.987 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.275  | 82   | 1488610  | 87.352  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.533 | 330  | 661449   | 128.805 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.069  | 172  | 2569659  | 75.519  | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.810 | 244  | 2600200  | 85.577  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.487  | 88   | 260908   | 34.884  | ng    | 96       |
| 3) Pyridine                   | 3.193  | 79   | 708767   | 35.340  | ng    | 92       |
| 4) n-Nitrosodimethylamine     | 3.140  | 42   | 342127   | 43.377  | ng    | 85       |
| 6) Aniline                    | 6.369  | 93   | 996712   | 39.845  | ng    | # 50     |
| 8) 2-Chlorophenol             | 6.492  | 128  | 820983   | 46.738  | ng    | 98       |
| 9) Benzaldehyde               | 6.257  | 77   | 436288   | 35.725  | ng    | 95       |
| 10) Phenol                    | 6.357  | 94   | 929411   | 41.211  | ng    | # 67     |
| 11) bis(2-Chloroethyl)ether   | 6.451  | 93   | 769090   | 44.883  | ng    | 98       |
| 12) 1,3-Dichlorobenzene       | 6.645  | 146  | 818315   | 42.024  | ng    | 97       |
| 13) 1,4-Dichlorobenzene       | 6.722  | 146  | 832858   | 42.461  | ng    | 98       |
| 14) 1,2-Dichlorobenzene       | 6.875  | 146  | 793721   | 44.516  | ng    | 98       |
| 15) Benzyl Alcohol            | 6.857  | 79   | 417708   | 31.060  | ng    | 92       |
| 16) 2,2'-oxybis(1-Chloropr... | 6.987  | 45   | 1015757  | 43.617  | ng    | # 51     |
| 17) 2-Methylphenol            | 6.963  | 107  | 643881   | 43.568  | ng    | # 86     |
| 18) Hexachloroethane          | 7.216  | 117  | 311968   | 44.045  | ng    | 98       |
| 19) n-Nitroso-di-n-propyla... | 7.134  | 70   | 511103   | 42.521  | ng    | 93       |
| 20) 3+4-Methylphenols         | 7.122  | 107  | 708731   | 40.895  | ng    | # 72     |
| 22) Acetophenone              | 7.122  | 105  | 1010556  | 41.301  | ng    | # 93     |
| 24) Nitrobenzene              | 7.292  | 77   | 790184   | 43.600  | ng    | 100      |
| 25) Isophorone                | 7.534  | 82   | 1504739  | 43.626  | ng    | 99       |
| 26) 2-Nitrophenol             | 7.610  | 139  | 404648   | 47.563  | ng    | 88       |
| 27) 2,4-Dimethylphenol        | 7.645  | 122  | 746690   | 51.593  | ng    | 97       |
| 28) bis(2-Chloroethoxy)met... | 7.745  | 93   | 945614   | 45.640  | ng    | 98       |
| 29) 2,4-Dichlorophenol        | 7.845  | 162  | 645722   | 41.711  | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 7.928  | 180  | 663206   | 40.630  | ng    | 96       |
| 31) Naphthalene               | 8.010  | 128  | 2228424  | 40.343  | ng    | 99       |
| 32) Benzoic acid              | 7.786  | 122  | 528850   | 45.198  | ng    | 100      |
| 33) 4-Chloroaniline           | 8.063  | 127  | 766165   | 34.332  | ng    | 97       |
| 34) Hexachlorobutadiene       | 8.128  | 225  | 378376   | 40.474  | ng    | 99       |
| 35) Caprolactam               | 8.445  | 113  | 124349   | 25.921  | ng    | 93       |
| 36) 4-Chloro-3-methylphenol   | 8.551  | 107  | 657390   | 41.965  | ng    | 91       |
| 37) 2-Methylnaphthalene       | 8.698  | 142  | 1443291  | 40.563  | ng    | 99       |
| 38) 1-Methylnaphthalene       | 8.798  | 142  | 1382331  | 39.969  | ng    | 98       |
| 40) 1,2,4,5-Tetrachloroben... | 8.869  | 216  | 588835   | 40.028  | ng    | 98       |
| 41) Hexachlorocyclopentadiene | 8.851  | 237  | 774643   | 100.760 | ng    | 97       |
| 43) 2,4,6-Trichlorophenol     | 8.981  | 196  | 419206   | 39.923  | ng    | 99       |

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 Response via : Initial Calibration

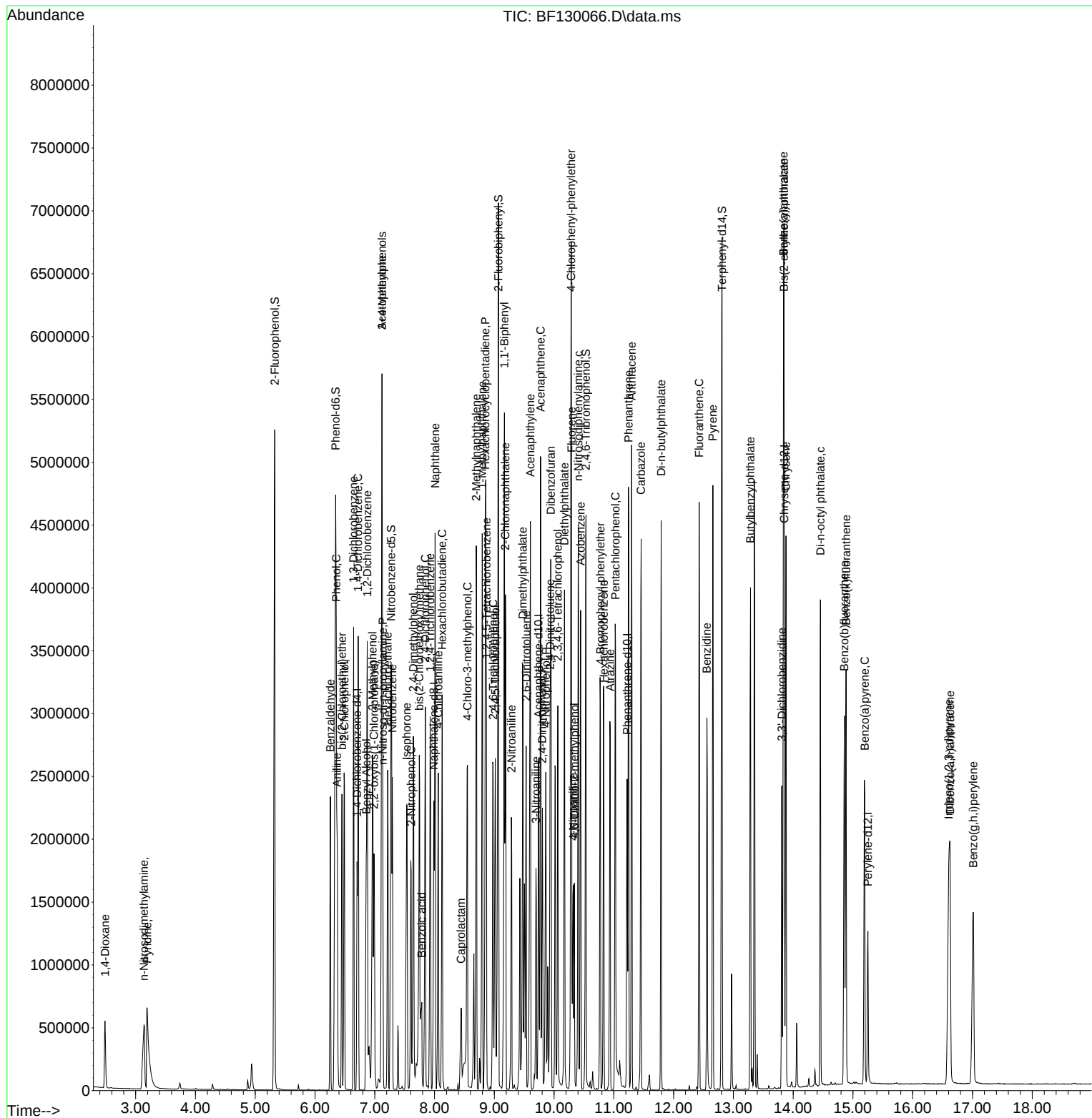
| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.016  | 196  | 499555   | 43.893 | ng    | 97       |
| 46) 1,1'-Biphenyl             | 9.169  | 154  | 1675472  | 40.880 | ng    | 100      |
| 47) 2-Chloronaphthalene       | 9.186  | 162  | 1316462  | 40.088 | ng    | 99       |
| 48) 2-Nitroaniline            | 9.286  | 65   | 398323   | 49.222 | ng    | 91       |
| 49) Acenaphthylene            | 9.604  | 152  | 2012504  | 40.357 | ng    | 99       |
| 50) Dimethylphthalate         | 9.475  | 163  | 1574489  | 40.976 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 9.533  | 165  | 350857   | 46.833 | ng    | 93       |
| 52) Acenaphthene              | 9.775  | 154  | 1220941  | 38.850 | ng    | 98       |
| 53) 3-Nitroaniline            | 9.698  | 138  | 320867   | 37.315 | ng    | 98       |
| 54) 2,4-Dinitrophenol         | 9.804  | 184  | 310603   | 90.176 | ng    | 95       |
| 55) Dibenzofuran              | 9.945  | 168  | 1798390  | 39.962 | ng    | 98       |
| 56) 4-Nitrophenol             | 9.863  | 139  | 572802   | 86.402 | ng    | 91       |
| 57) 2,4-Dinitrotoluene        | 9.933  | 165  | 438270   | 50.812 | ng    | # 90     |
| 58) Fluorene                  | 10.292 | 166  | 1325388  | 38.707 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.063 | 232  | 363584   | 41.131 | ng    | # 77     |
| 60) Diethylphthalate          | 10.175 | 149  | 1504007  | 40.459 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 10.286 | 204  | 595660   | 39.352 | ng    | 96       |
| 62) 4-Nitroaniline            | 10.322 | 138  | 376002   | 44.961 | ng    | 95       |
| 63) Azobenzene                | 10.445 | 77   | 1459420  | 39.874 | ng    | 93       |
| 65) 4,6-Dinitro-2-methylph... | 10.339 | 198  | 186133   | 43.806 | ng    | 95       |
| 66) n-Nitrosodiphenylamine    | 10.404 | 169  | 1277668  | 41.759 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 10.775 | 248  | 424196   | 41.668 | ng    | 92       |
| 68) Hexachlorobenzene         | 10.833 | 284  | 462787   | 41.719 | ng    | # 88     |
| 69) Atrazine                  | 10.939 | 200  | 405239   | 46.817 | ng    | 99       |
| 70) Pentachlorophenol         | 11.027 | 266  | 529911   | 85.428 | ng    | 96       |
| 71) Phenanthrene              | 11.245 | 178  | 1956155  | 39.410 | ng    | 98       |
| 72) Anthracene                | 11.298 | 178  | 1985512  | 40.692 | ng    | 99       |
| 73) Carbazole                 | 11.457 | 167  | 1843132  | 40.963 | ng    | 100      |
| 74) Di-n-butylphthalate       | 11.792 | 149  | 2265981  | 41.763 | ng    | 100      |
| 75) Fluoranthene              | 12.427 | 202  | 1979200  | 40.211 | ng    | 95       |
| 77) Benzidine                 | 12.557 | 184  | 1140665  | 80.183 | ng    | 99       |
| 78) Pyrene                    | 12.657 | 202  | 1996614  | 42.247 | ng    | 99       |
| 80) Butylbenzylphthalate      | 13.286 | 149  | 902540   | 48.013 | ng    | 98       |
| 81) Benzo(a)anthracene        | 13.839 | 228  | 1490217  | 41.270 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 13.810 | 252  | 447230   | 39.717 | ng    | 99       |
| 83) Chrysene                  | 13.880 | 228  | 1454501  | 40.857 | ng    | 100      |
| 84) Bis(2-ethylhexyl)phtha... | 13.845 | 149  | 1086725  | 46.509 | ng    | 100      |
| 85) Di-n-octyl phthalate      | 14.457 | 149  | 1815445  | 49.187 | ng    | 98       |
| 87) Indeno(1,2,3-cd)pyrene    | 16.604 | 276  | 1325745  | 42.137 | ng    | # 94     |
| 88) Benzo(b)fluoranthene      | 14.857 | 252  | 1387473  | 43.622 | ng    | 98       |
| 89) Benzo(k)fluoranthene      | 14.886 | 252  | 1292052  | 42.002 | ng    | 98       |
| 90) Benzo(a)pyrene            | 15.198 | 252  | 1156102  | 45.743 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 16.627 | 278  | 1145789  | 44.506 | ng    | # 96     |
| 92) Benzo(g,h,i)perylene      | 17.015 | 276  | 1126066  | 43.718 | ng    | # 93     |

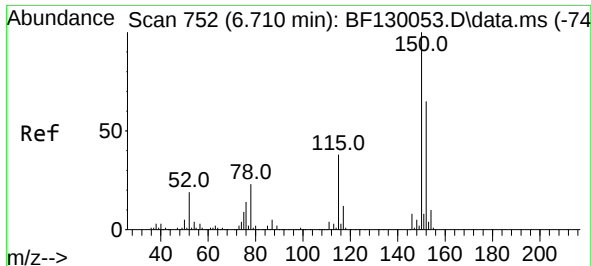
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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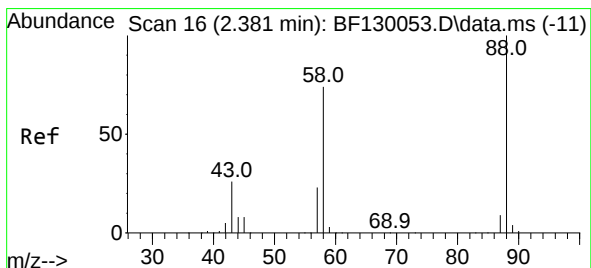
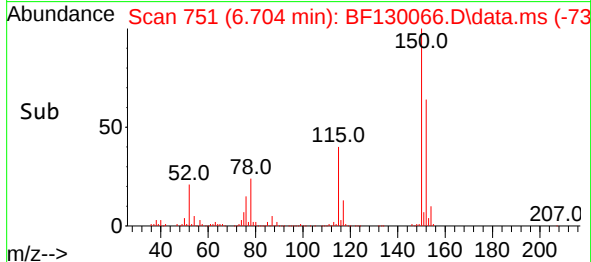
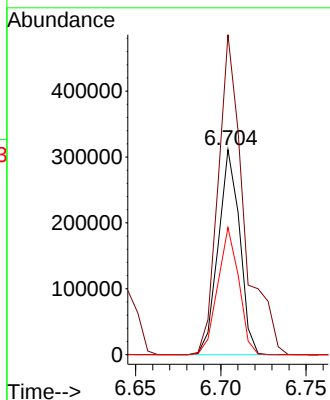
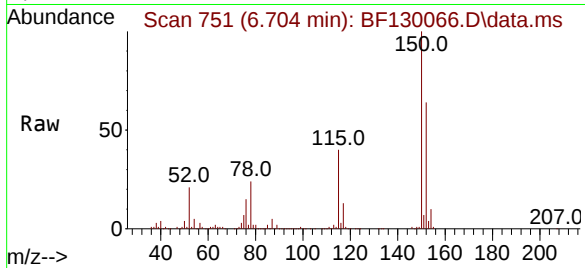




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.704 min Scan# 71  
 Delta R.T. -0.006 min  
 Lab File: BF130066.D  
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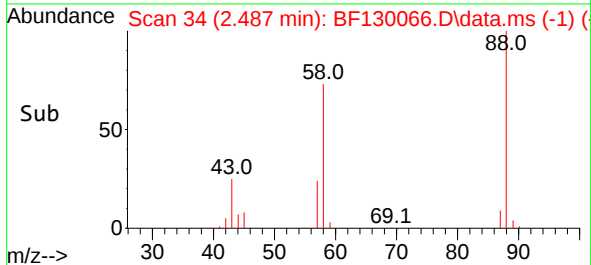
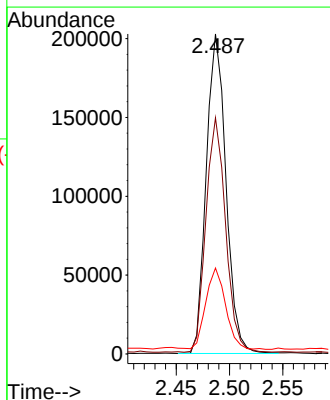
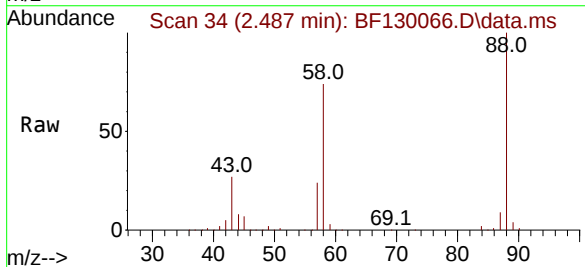
Instrument :  
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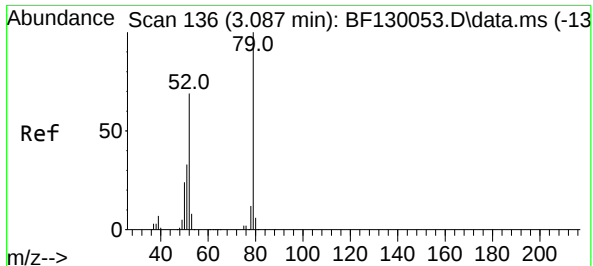
Tgt Ion:152 Resp: 271691  
 Ion Ratio Lower Upper  
 152 100  
 150 156.0 126.9 190.3  
 115 62.0 53.4 80.0



#2  
 1,4-Dioxane  
 Concen: 34.884 ng  
 RT: 2.487 min Scan# 34  
 Delta R.T. 0.106 min  
 Lab File: BF130066.D  
 Acq: 31 Aug 2022 23:18

Tgt Ion: 88 Resp: 260908  
 Ion Ratio Lower Upper  
 88 100  
 58 73.2 60.9 91.3  
 43 25.7 23.6 35.4

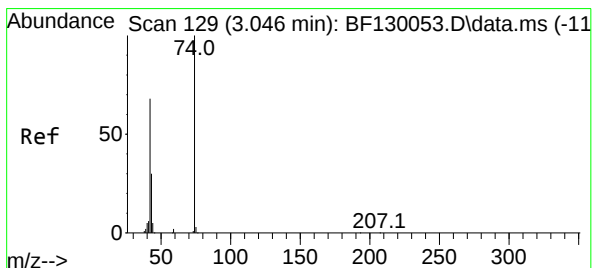
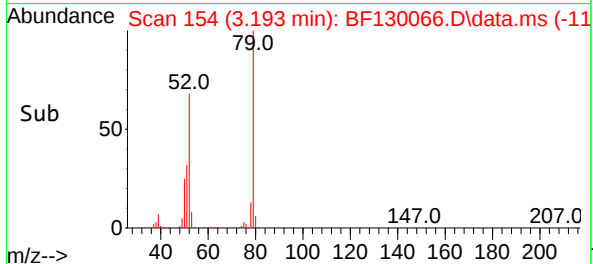
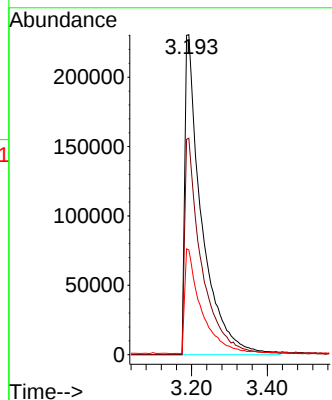
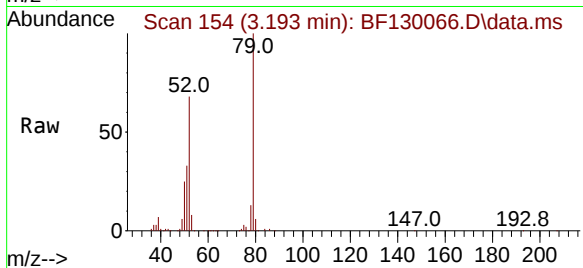




#3  
Pyridine  
Concen: 35.340 ng  
RT: 3.193 min Scan# 11  
Delta R.T. 0.106 min  
Lab File: BF130066.D  
Acq: 31 Aug 2022 23:18

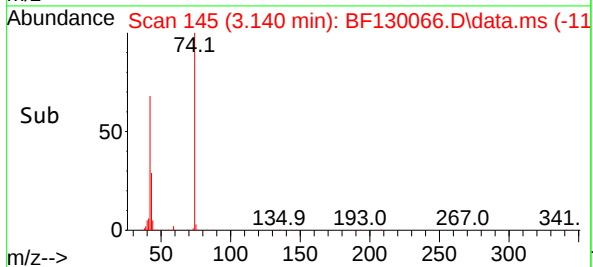
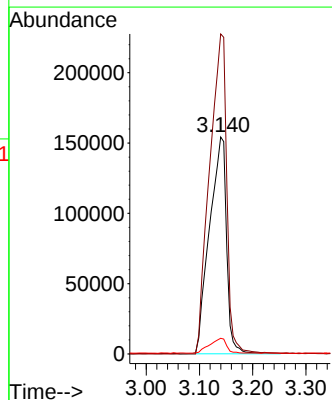
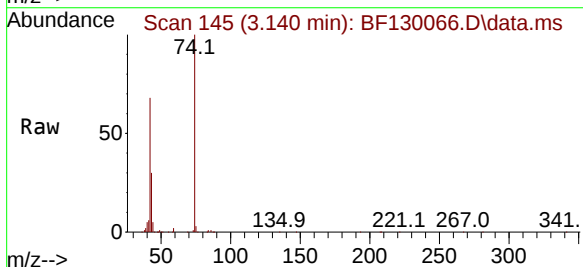
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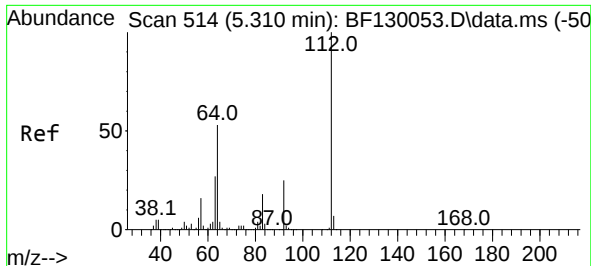
Tgt Ion: 79 Resp: 708767  
Ion Ratio Lower Upper  
79 100  
52 67.7 59.4 89.2  
51 32.8 29.5 44.3



#4  
n-Nitrosodimethylamine  
Concen: 43.377 ng  
RT: 3.140 min Scan# 145  
Delta R.T. 0.094 min  
Lab File: BF130066.D  
Acq: 31 Aug 2022 23:18

Tgt Ion: 42 Resp: 342127  
Ion Ratio Lower Upper  
42 100  
74 147.5 103.1 154.7  
44 7.2 5.4 8.2

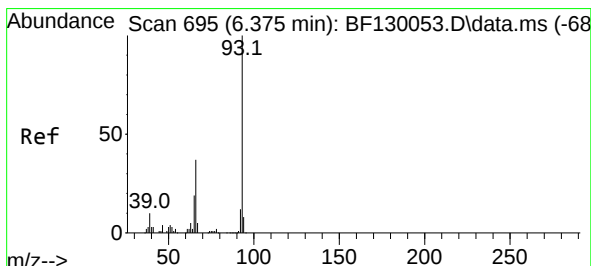
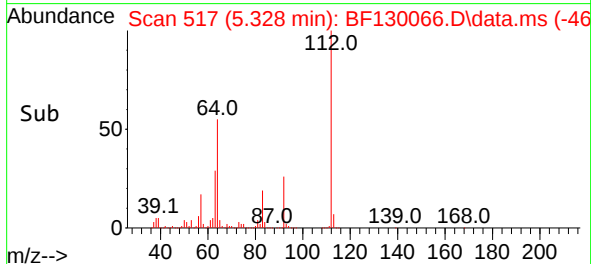
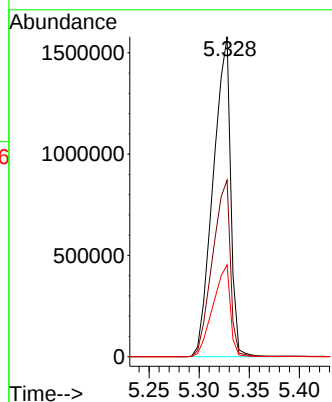
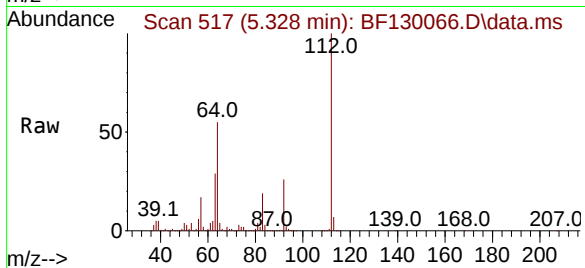




#5  
2-Fluorophenol  
Concen: 119.485 ng  
RT: 5.328 min Scan# 514  
Delta R.T. 0.018 min  
Lab File: BF130066.D  
Acq: 31 Aug 2022 23:18

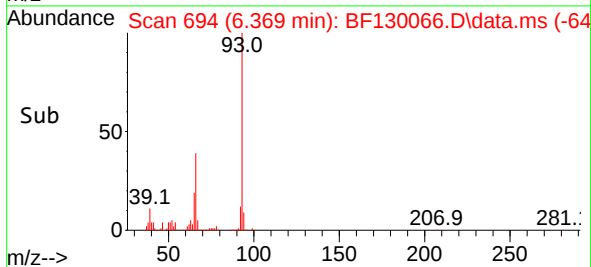
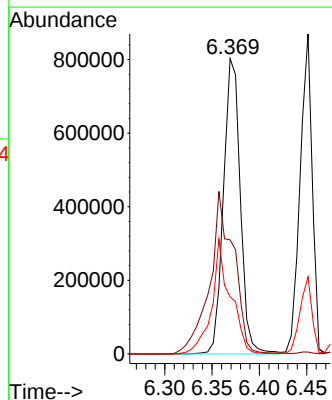
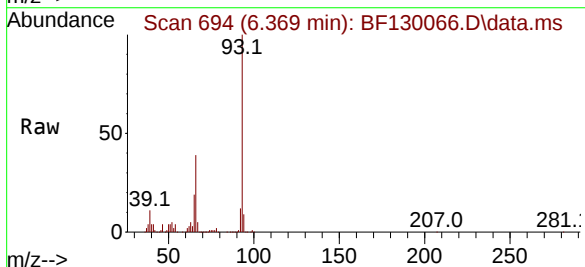
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Tgt Ion:112 Resp: 1912234  
Ion Ratio Lower Upper  
112 100  
64 55.1 47.6 71.4  
63 28.7 24.6 37.0



#6  
Aniline  
Concen: 39.845 ng  
RT: 6.369 min Scan# 694  
Delta R.T. -0.006 min  
Lab File: BF130066.D  
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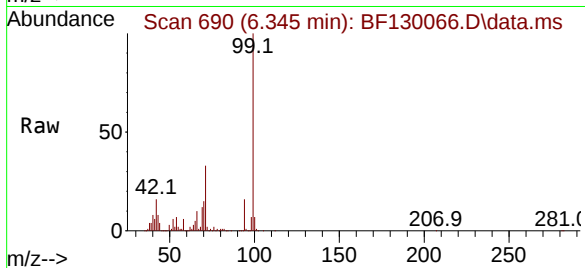
Tgt Ion: 93 Resp: 996712  
Ion Ratio Lower Upper  
93 100  
66 38.6 68.7 103.1#  
65 19.3 41.6 62.4#





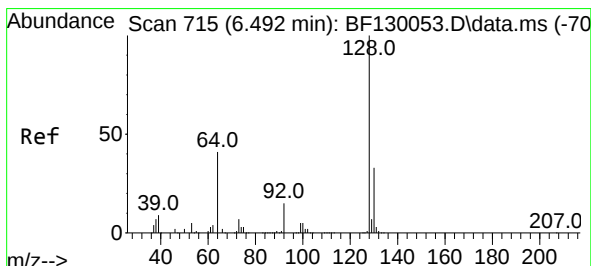
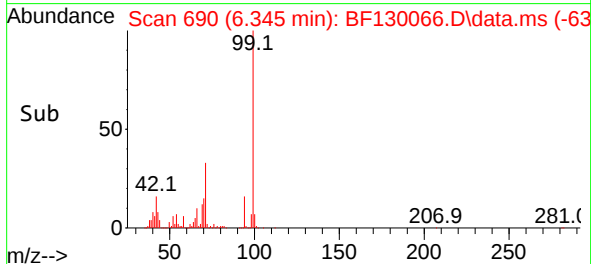
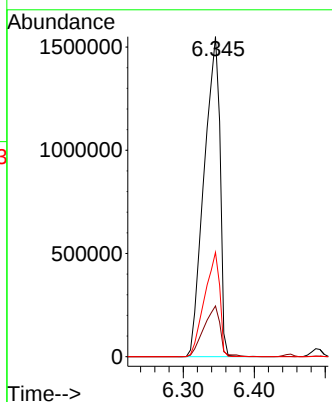
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Phenol-d6  
Concen: 120.987 ng  
RT: 6.345 min Scan# 690  
Delta R.T. -0.000 min  
Lab File: BF130066.D  
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Tgt Ion: 99 Resp: 2413970

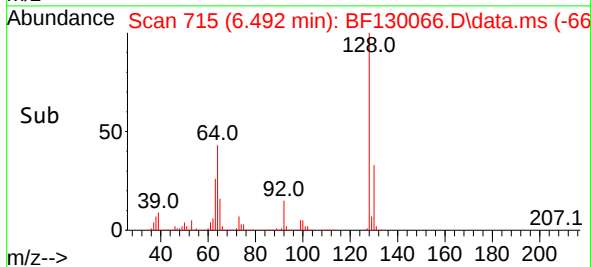
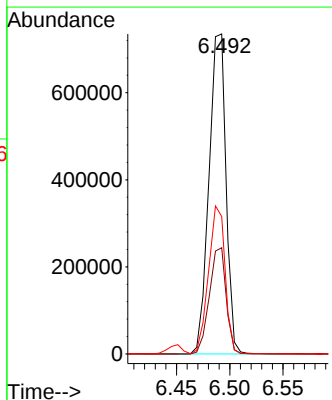
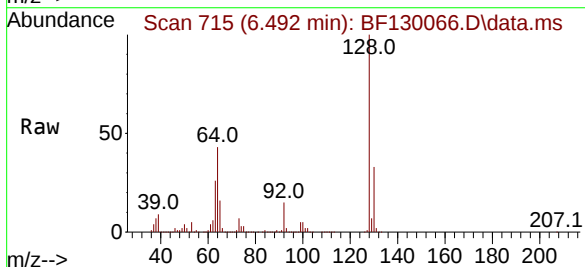
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 15.8  | 15.0  | 22.4  |
| 71  | 32.6  | 28.8  | 43.2  |

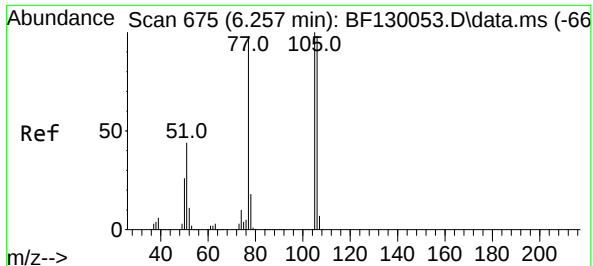


#8  
2-Chlorophenol  
Concen: 46.738 ng  
RT: 6.492 min Scan# 715  
Delta R.T. 0.000 min  
Lab File: BF130066.D  
Acq: 31 Aug 2022 23:18

Tgt Ion: 128 Resp: 820983

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 130 | 33.2  | 12.5  | 52.5  |
| 64  | 42.9  | 24.9  | 64.9  |

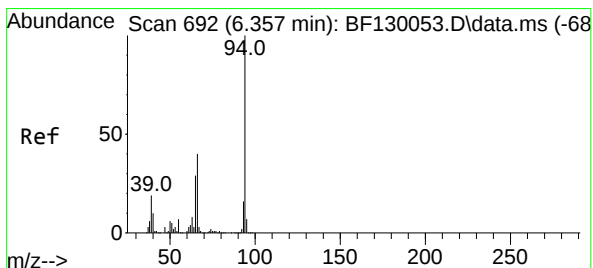
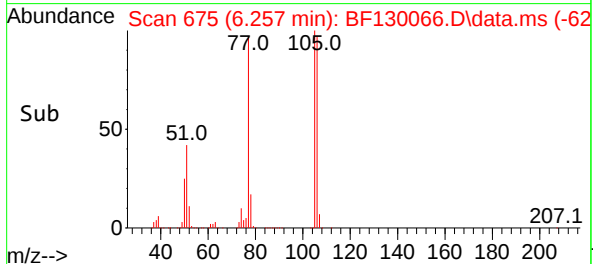
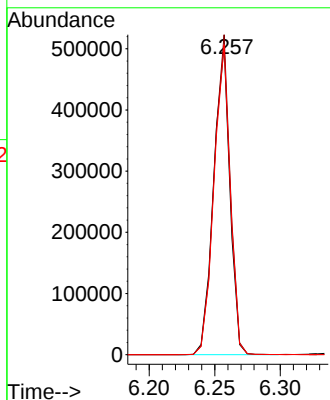
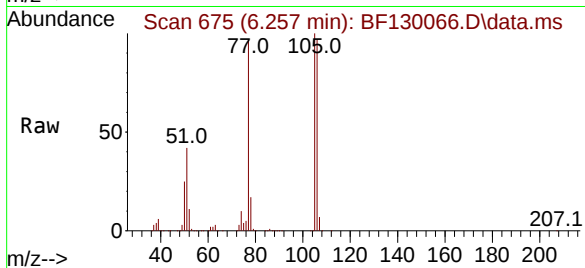




#9  
Benzaldehyde  
Concen: 35.725 ng  
RT: 6.257 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: BF130066.D  
Acq: 31 Aug 2022 23:18

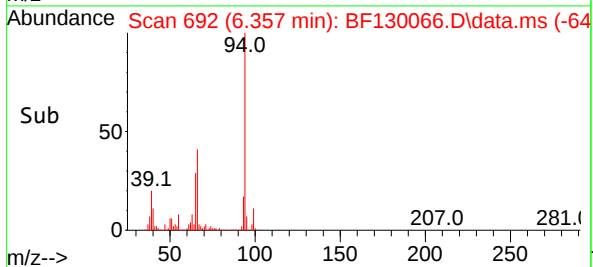
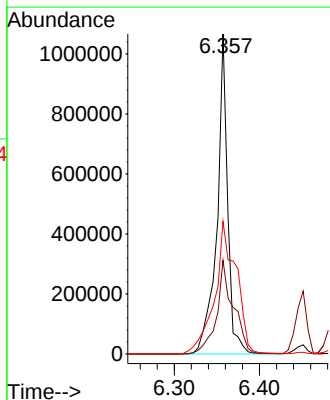
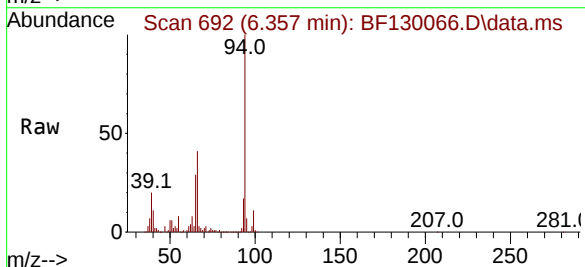
Instrument :  
BNA\_F  
ClientSampleId :  
PB147324BS

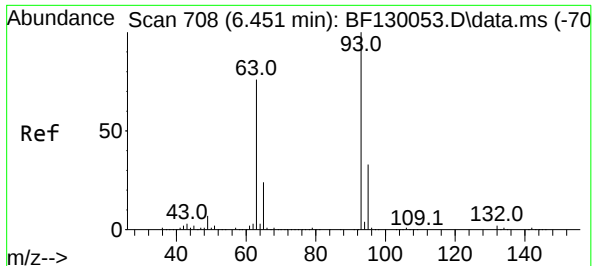
Tgt Ion: 77 Resp: 436288  
Ion Ratio Lower Upper  
77 100  
105 103.6 80.3 120.3  
106 100.3 74.3 114.3



#10  
Phenol  
Concen: 41.211 ng  
RT: 6.357 min Scan# 692  
Delta R.T. 0.000 min  
Lab File: BF130066.D  
Acq: 31 Aug 2022 23:18

Tgt Ion: 94 Resp: 929411  
Ion Ratio Lower Upper  
94 100  
65 29.2 24.9 64.9  
66 41.4 54.2 94.2#

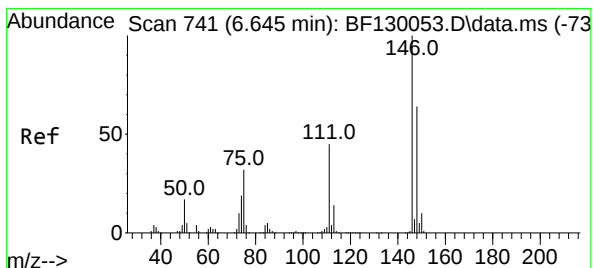
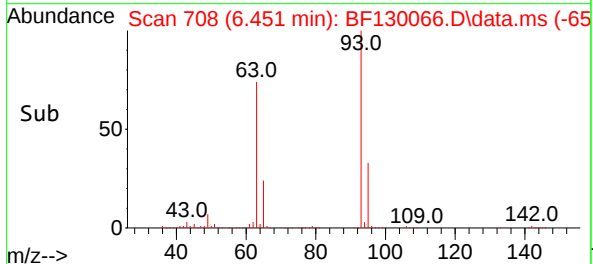
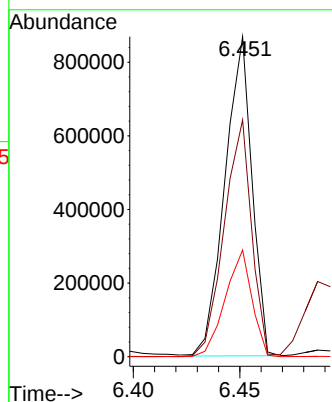
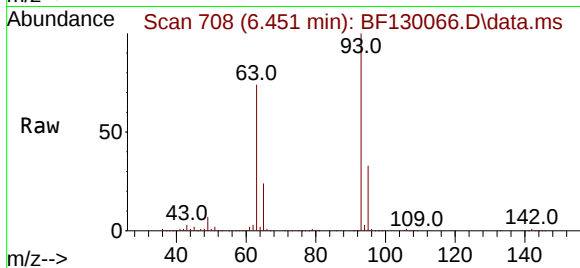




#11  
bis(2-Chloroethyl)ether  
Concen: 44.883 ng  
RT: 6.451 min Scan# 708  
Delta R.T. 0.000 min  
Lab File: BF130066.D  
Acq: 31 Aug 2022 23:18

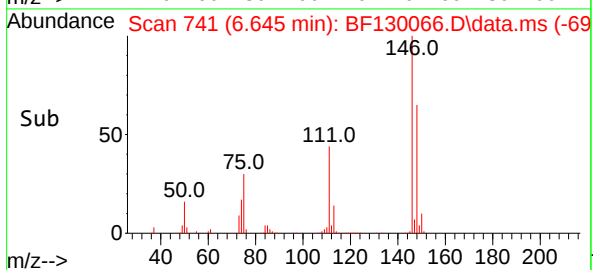
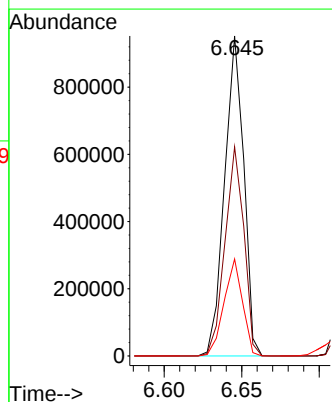
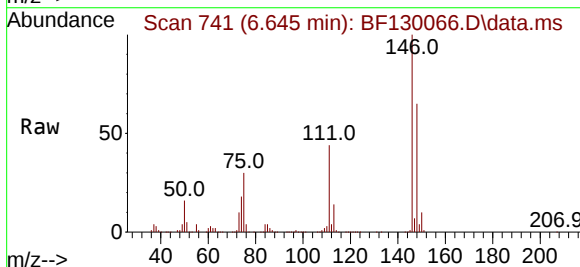
Instrument :  
BNA\_F  
ClientSampleId :  
PB147324BS

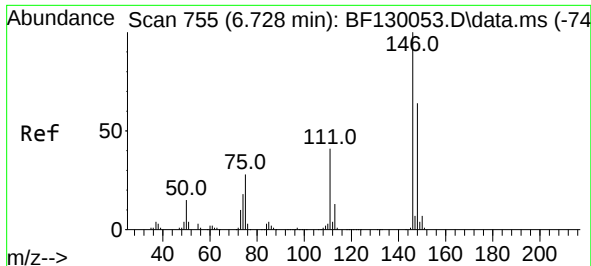
Tgt Ion: 93 Resp: 769090  
Ion Ratio Lower Upper  
93 100  
63 74.0 55.9 95.9  
95 33.4 12.3 52.3



#12  
1,3-Dichlorobenzene  
Concen: 42.024 ng  
RT: 6.645 min Scan# 741  
Delta R.T. 0.000 min  
Lab File: BF130066.D  
Acq: 31 Aug 2022 23:18

Tgt Ion:146 Resp: 818315  
Ion Ratio Lower Upper  
146 100  
148 65.3 51.2 76.8  
75 30.3 26.5 39.7





#13

1,4-Dichlorobenzene

Concen: 42.461 ng

RT: 6.722 min Scan# 70

Delta R.T. -0.006 min

Lab File: BF130066.D

Acq: 31 Aug 2022 23:18

Instrument :

BNA\_F

ClientSampleId :

PB147324BS

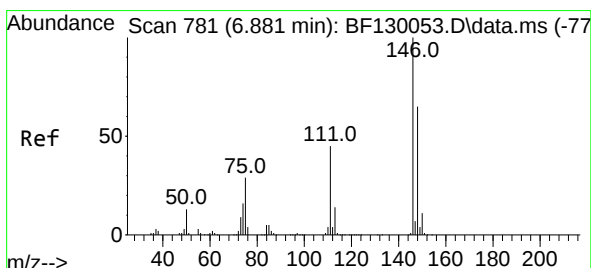
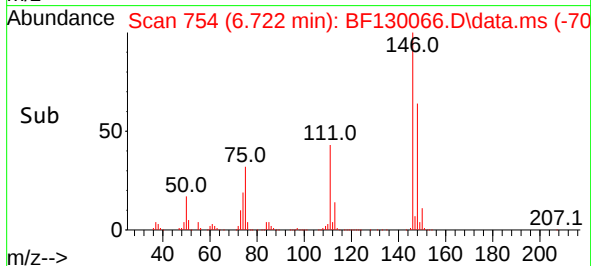
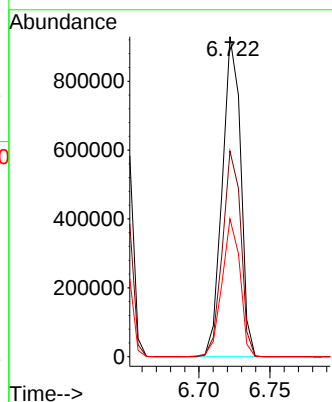
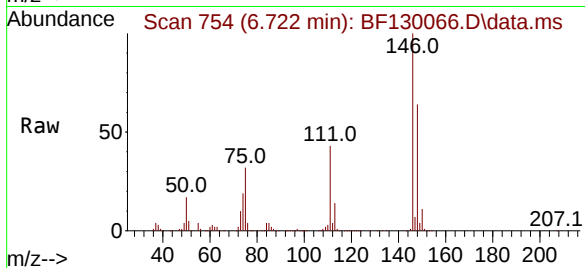
Tgt Ion:146 Resp: 832858

Ion Ratio Lower Upper

146 100

148 64.3 50.6 75.8

111 43.1 36.2 54.4



#14

1,2-Dichlorobenzene

Concen: 44.516 ng

RT: 6.875 min Scan# 780

Delta R.T. -0.006 min

Lab File: BF130066.D

Acq: 31 Aug 2022 23:18

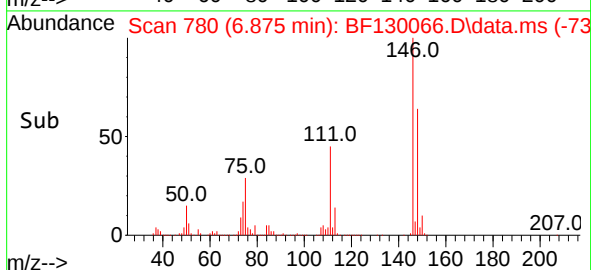
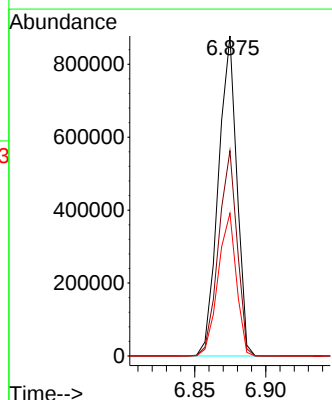
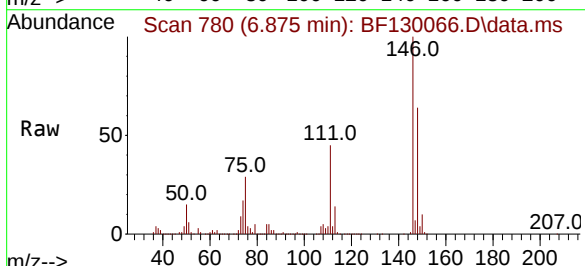
Tgt Ion:146 Resp: 793721

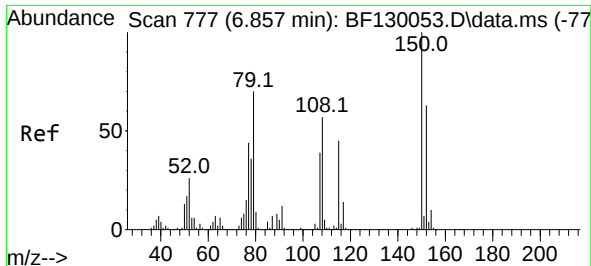
Ion Ratio Lower Upper

146 100

148 64.1 51.8 77.6

111 44.6 37.2 55.8

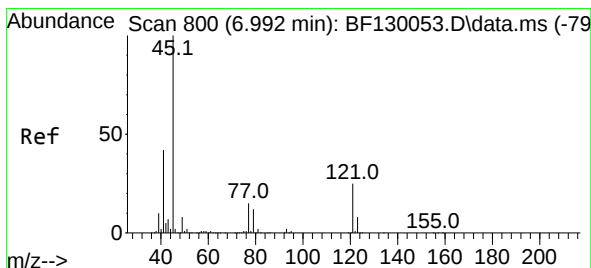
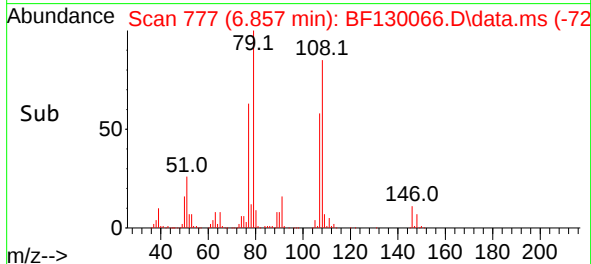
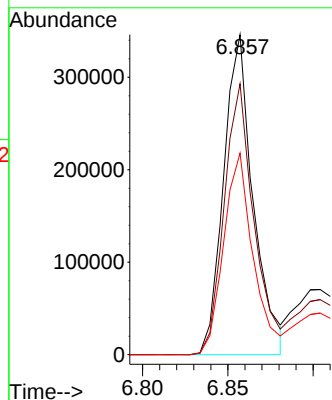
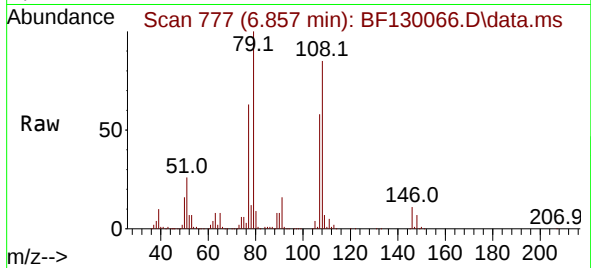




#15  
Benzyl Alcohol  
Concen: 31.060 ng  
RT: 6.857 min Scan# 71  
Delta R.T. 0.000 min  
Lab File: BF130066.D  
Acq: 31 Aug 2022 23:18

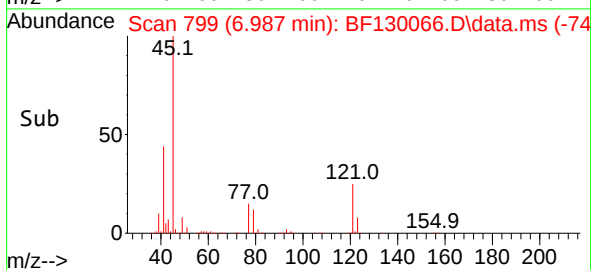
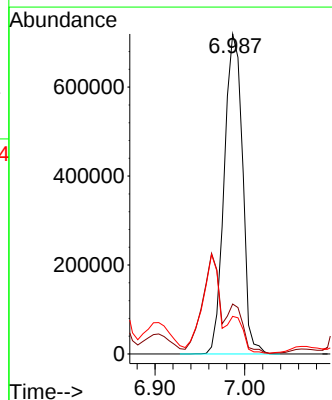
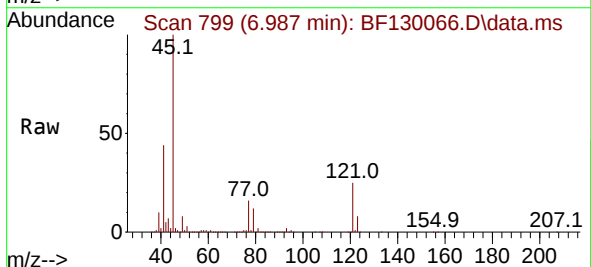
Instrument :  
BNA\_F  
ClientSampleId :  
PB147324BS

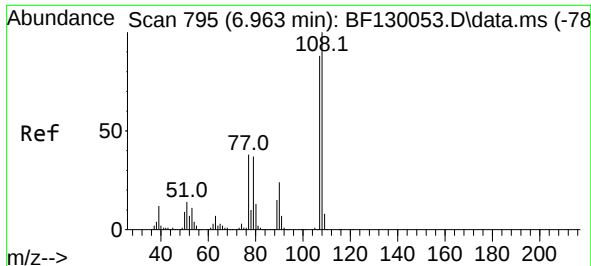
Tgt Ion: 79 Resp: 417708  
Ion Ratio Lower Upper  
79 100  
108 84.7 59.2 88.8  
77 63.0 51.9 77.9



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 43.617 ng  
RT: 6.987 min Scan# 799  
Delta R.T. -0.006 min  
Lab File: BF130066.D  
Acq: 31 Aug 2022 23:18

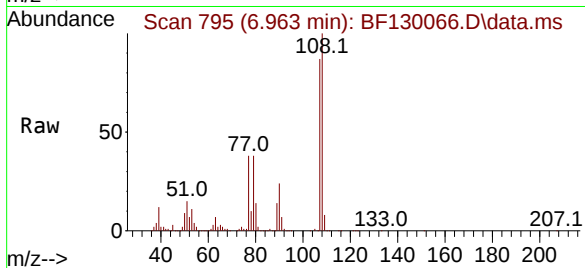
Tgt Ion: 45 Resp: 1015757  
Ion Ratio Lower Upper  
45 100  
77 15.6 27.4 67.4#  
79 11.8 24.4 64.4#



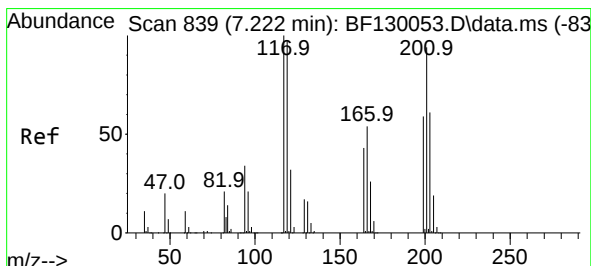
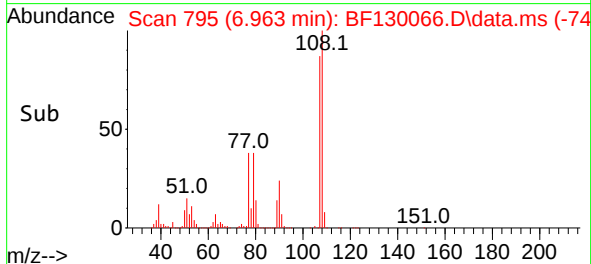
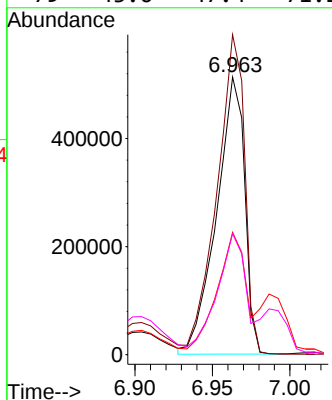


#17  
2-Methylphenol  
Concen: 43.568 ng  
RT: 6.963 min Scan# 795  
Delta R.T. 0.000 min  
Lab File: BF130066.D  
Acq: 31 Aug 2022 23:18

Instrument :  
BNA\_F  
ClientSampleId :  
PB147324BS

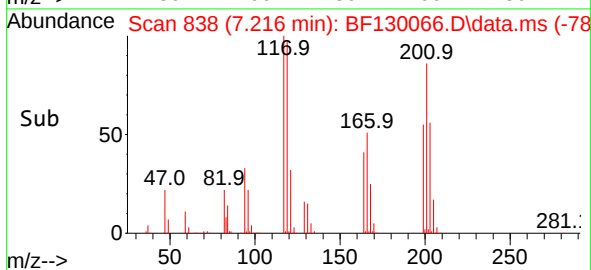
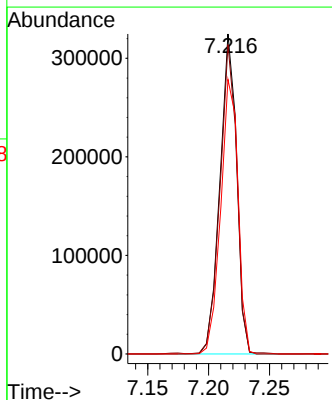
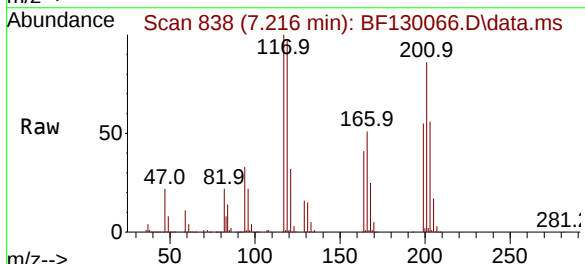


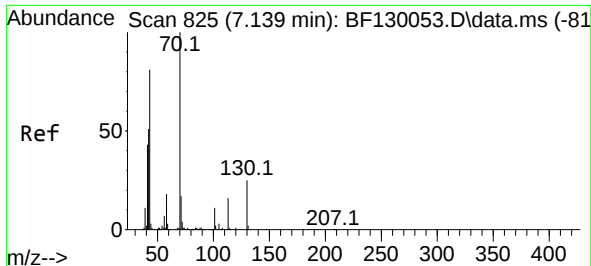
Tgt Ion:107 Resp: 643881  
Ion Ratio Lower Upper  
107 100  
108 115.3 90.2 135.2  
77 44.1 51.8 77.8#  
79 43.6 47.4 71.2#



#18  
Hexachloroethane  
Concen: 44.045 ng  
RT: 7.216 min Scan# 838  
Delta R.T. -0.006 min  
Lab File: BF130066.D  
Acq: 31 Aug 2022 23:18

Tgt Ion:117 Resp: 311968  
Ion Ratio Lower Upper  
117 100  
119 96.7 79.1 118.7  
201 85.8 66.6 100.0

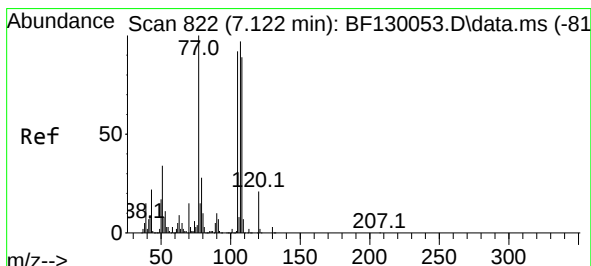
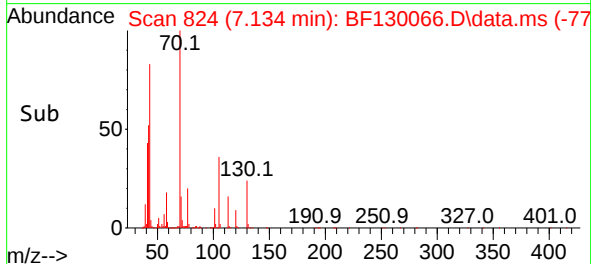
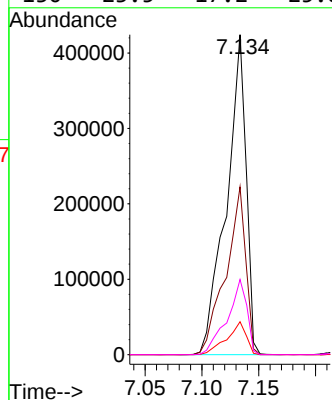
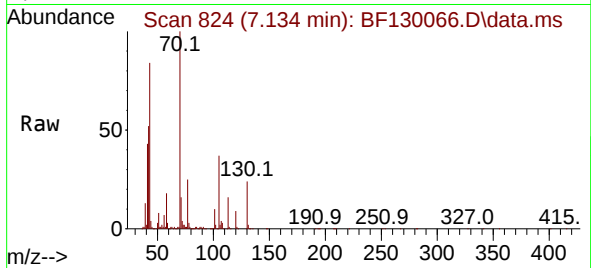




#19  
n-Nitroso-di-n-propylamine  
Concen: 42.521 ng  
RT: 7.134 min Scan# 811  
Delta R.T. -0.006 min  
Lab File: BF130066.D  
Acq: 31 Aug 2022 23:18

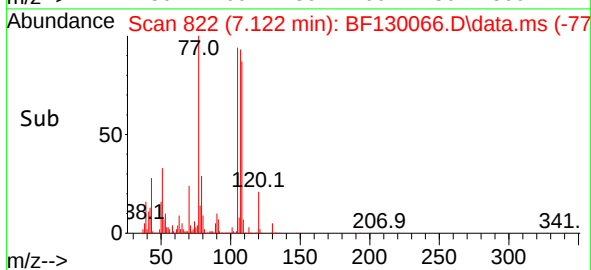
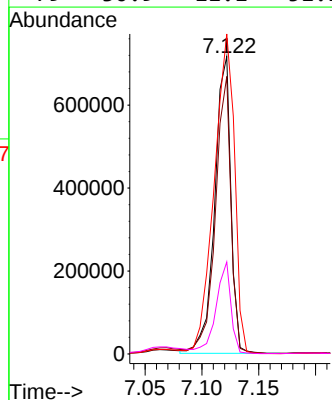
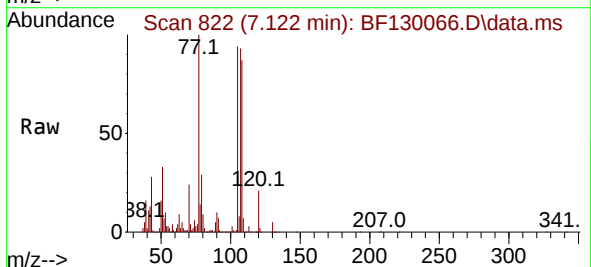
Instrument :  
BNA\_F  
ClientSampleId :  
PB147324BS

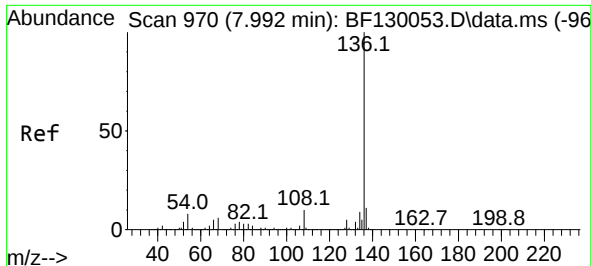
Tgt Ion: 70 Resp: 511103  
Ion Ratio Lower Upper  
70 100  
42 52.5 47.6 71.4  
101 10.3 8.1 12.1  
130 23.5 17.2 25.8



#20  
3+4-Methylphenols  
Concen: 40.895 ng  
RT: 7.122 min Scan# 822  
Delta R.T. 0.000 min  
Lab File: BF130066.D  
Acq: 31 Aug 2022 23:18

Tgt Ion: 107 Resp: 708731  
Ion Ratio Lower Upper  
107 100  
108 93.3 71.3 111.3  
77 107.6 20.4 60.4#  
79 30.9 11.1 51.1

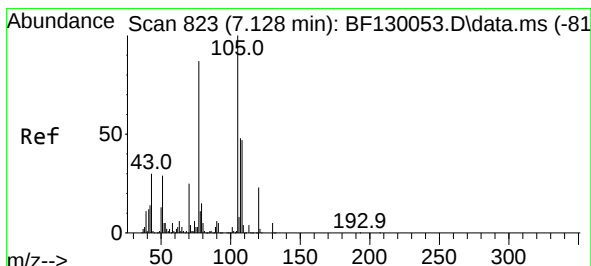
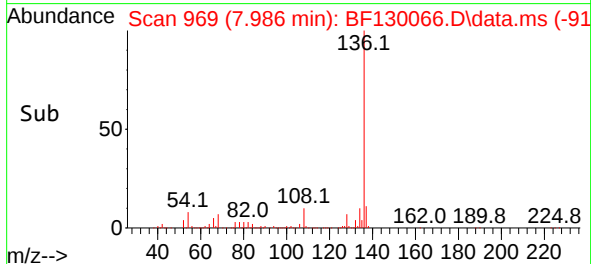
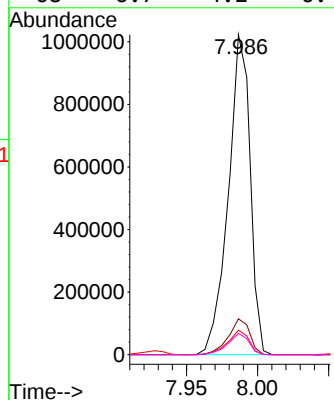
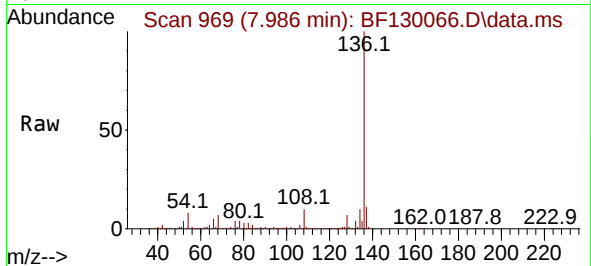




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 7.986 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: BF130066.D  
Acq: 31 Aug 2022 23:18

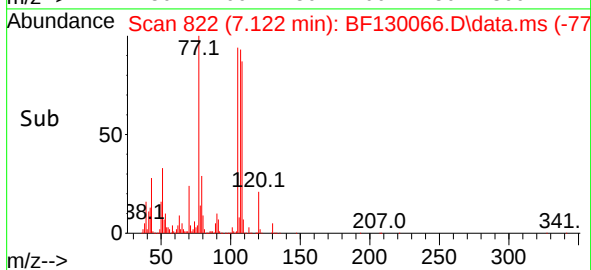
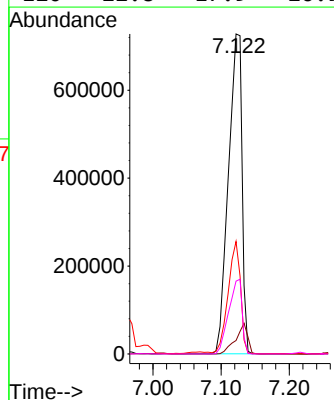
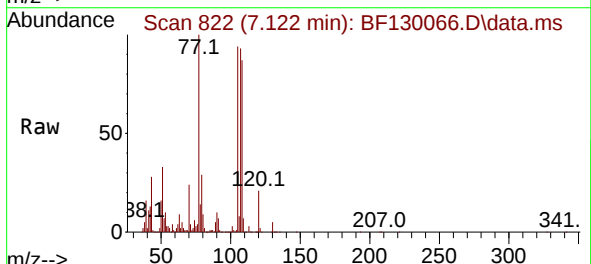
Instrument :  
BNA\_F  
ClientSampleId :  
PB147324BS

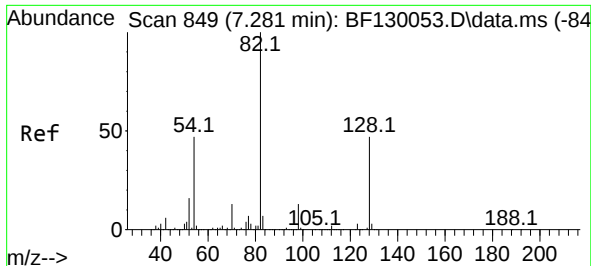
Tgt Ion:136 Resp: 1095186  
Ion Ratio Lower Upper  
136 100  
137 11.2 8.4 12.6  
54 7.7 6.2 9.2  
68 6.7 4.2 6.4#



#22  
Acetophenone  
Concen: 41.301 ng  
RT: 7.122 min Scan# 822  
Delta R.T. -0.006 min  
Lab File: BF130066.D  
Acq: 31 Aug 2022 23:18

Tgt Ion:105 Resp: 1010556  
Ion Ratio Lower Upper  
105 100  
71 4.2 6.6 9.8#  
51 35.2 23.8 35.8  
120 22.8 17.9 26.9





#23

Nitrobenzene-d5

Concen: 87.352 ng

RT: 7.275 min Scan# 84

Delta R.T. -0.006 min

Lab File: BF130066.D

Acq: 31 Aug 2022 23:18

Instrument :

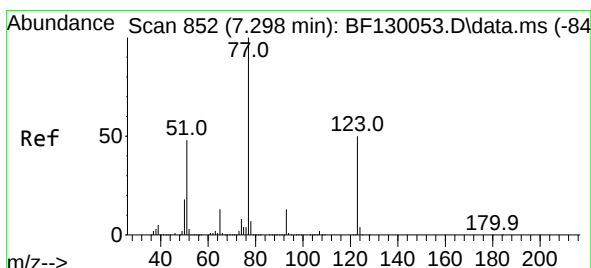
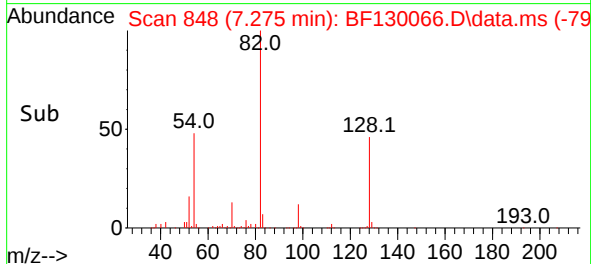
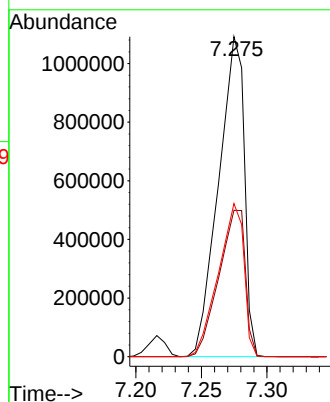
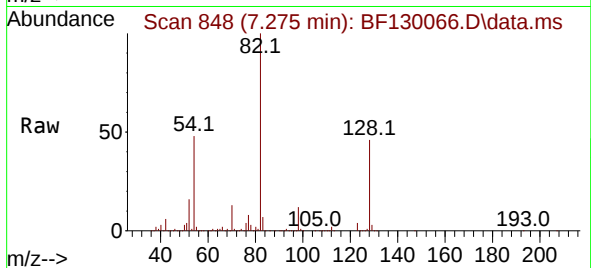
BNA\_F

ClientSampleId :

PB147324BS

Tgt Ion: 82 Resp: 1488610

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 45.7  | 36.1  | 54.1  |
| 54  | 47.8  | 40.0  | 60.0  |



#24

Nitrobenzene

Concen: 43.600 ng

RT: 7.292 min Scan# 851

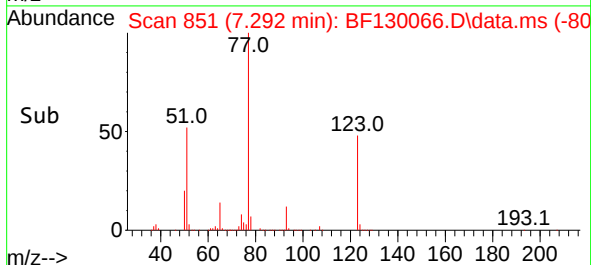
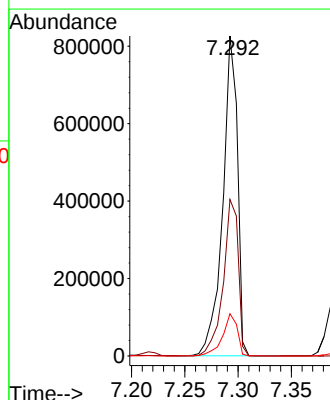
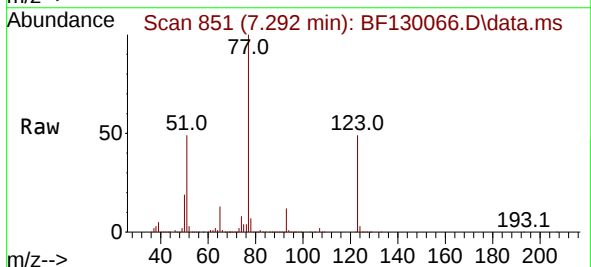
Delta R.T. -0.006 min

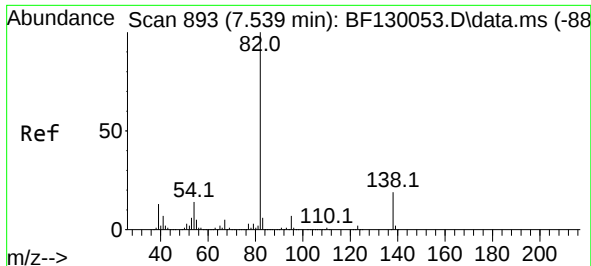
Lab File: BF130066.D

Acq: 31 Aug 2022 23:18

Tgt Ion: 77 Resp: 790184

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 123 | 48.9  | 39.2  | 58.8  |
| 65  | 13.2  | 11.1  | 16.7  |

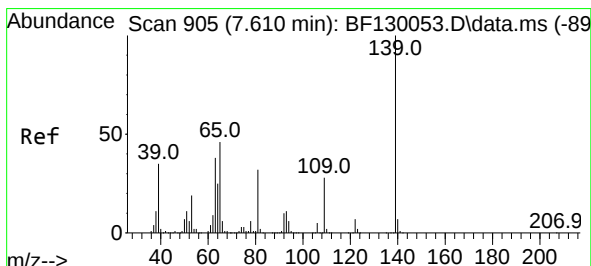
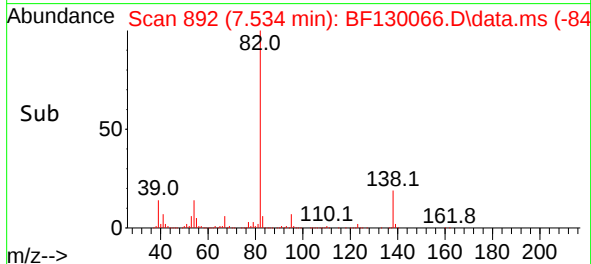
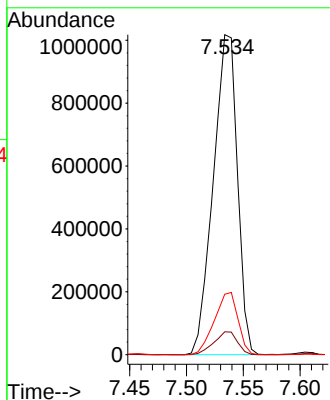
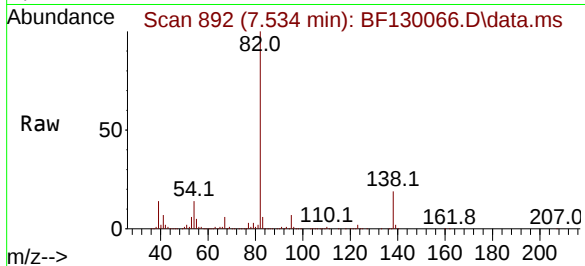




#25  
Isophorone  
Concen: 43.626 ng  
RT: 7.534 min Scan# 893  
Delta R.T. -0.006 min  
Lab File: BF130066.D  
Acq: 31 Aug 2022 23:18

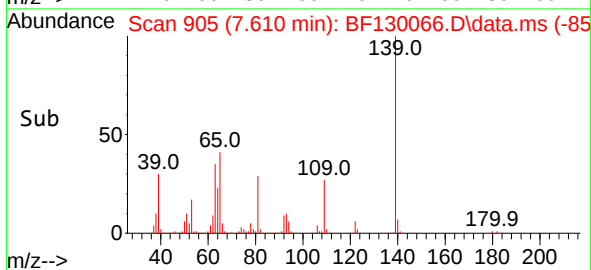
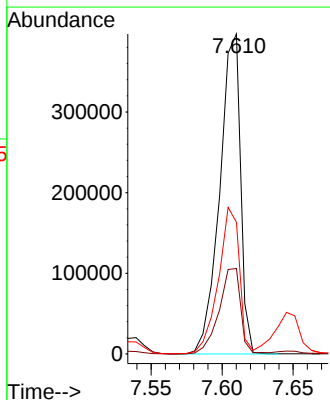
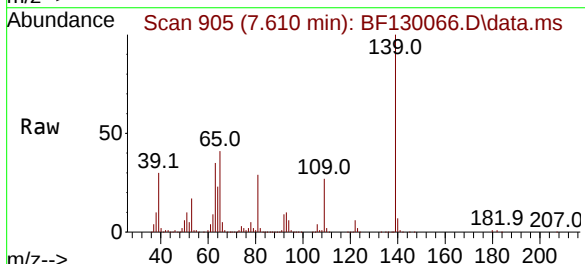
Instrument :  
BNA\_F  
ClientSampleId :  
PB147324BS

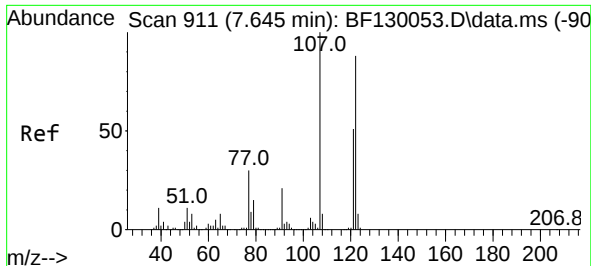
Tgt Ion: 82 Resp: 1504739  
Ion Ratio Lower Upper  
82 100  
95 7.1 5.9 8.9  
138 18.9 14.6 21.8



#26  
2-Nitrophenol  
Concen: 47.563 ng  
RT: 7.610 min Scan# 905  
Delta R.T. 0.000 min  
Lab File: BF130066.D  
Acq: 31 Aug 2022 23:18

Tgt Ion:139 Resp: 404648  
Ion Ratio Lower Upper  
139 100  
109 26.7 24.4 36.6  
65 41.2 40.9 61.3





#27

2,4-Dimethylphenol

Concen: 51.593 ng

RT: 7.645 min Scan# 911

Delta R.T. 0.000 min

Lab File: BF130066.D

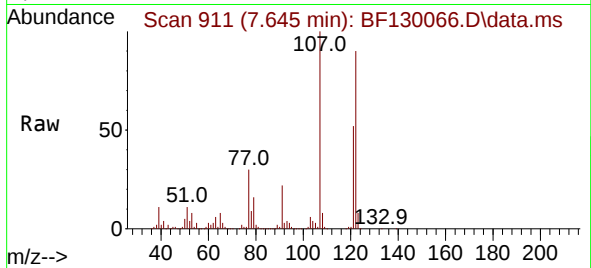
Acq: 31 Aug 2022 23:18

Instrument :

BNA\_F

ClientSampleId :

PB147324BS



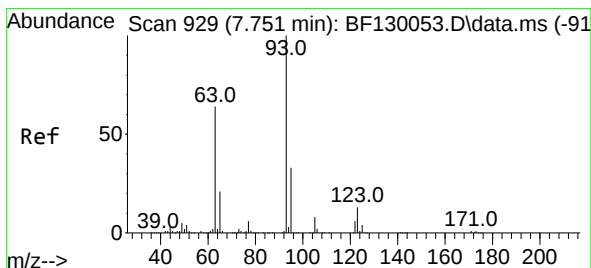
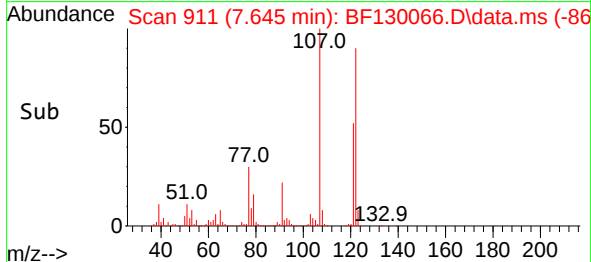
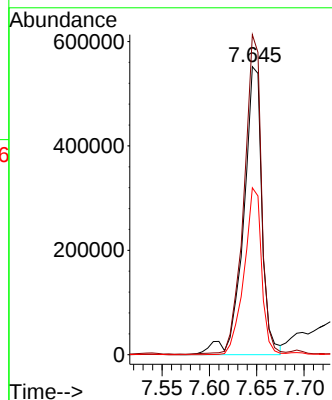
Tgt Ion:122 Resp: 746690

Ion Ratio Lower Upper

122 100

107 111.1 92.2 138.4

121 58.0 46.1 69.1



#28

bis(2-Chloroethoxy)methane

Concen: 45.640 ng

RT: 7.745 min Scan# 928

Delta R.T. -0.006 min

Lab File: BF130066.D

Acq: 31 Aug 2022 23:18

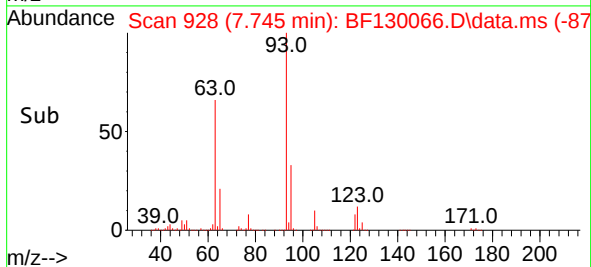
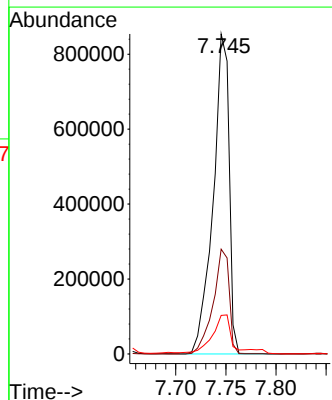
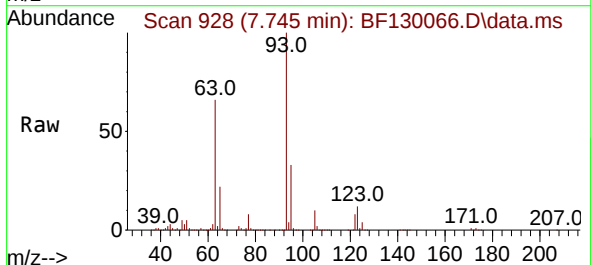
Tgt Ion: 93 Resp: 945614

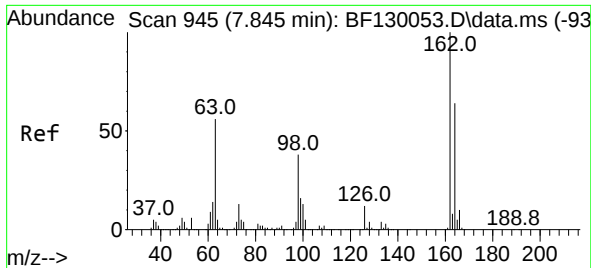
Ion Ratio Lower Upper

93 100

95 32.8 25.6 38.4

123 12.0 9.0 13.4





#29

2,4-Dichlorophenol

Concen: 41.711 ng

RT: 7.845 min Scan# 945

Delta R.T. 0.000 min

Lab File: BF130066.D

Acq: 31 Aug 2022 23:18

Instrument :

BNA\_F

ClientSampleId :

PB147324BS

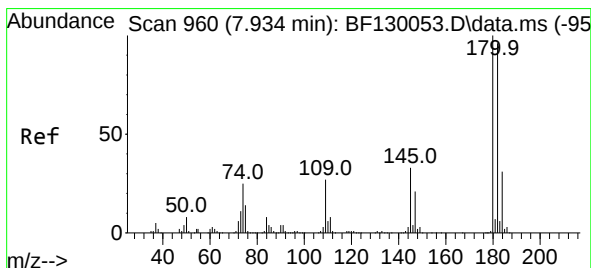
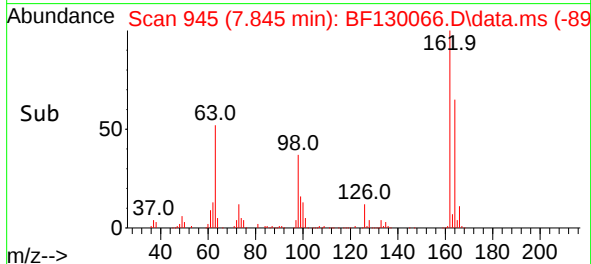
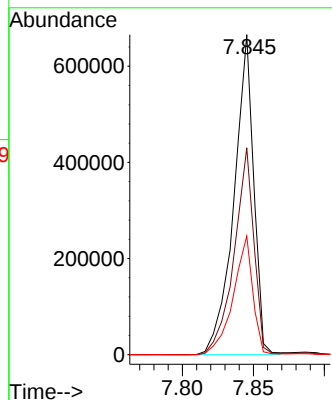
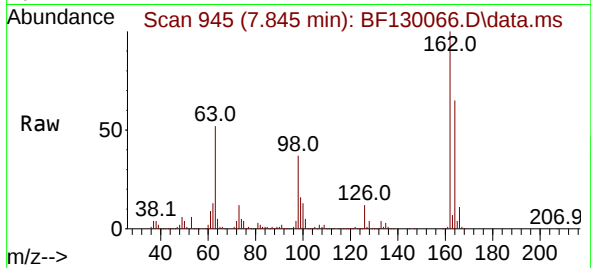
Tgt Ion:162 Resp: 645722

Ion Ratio Lower Upper

162 100

164 64.7 43.7 83.7

98 37.1 16.5 56.5



#30

1,2,4-Trichlorobenzene

Concen: 40.630 ng

RT: 7.928 min Scan# 959

Delta R.T. -0.006 min

Lab File: BF130066.D

Acq: 31 Aug 2022 23:18

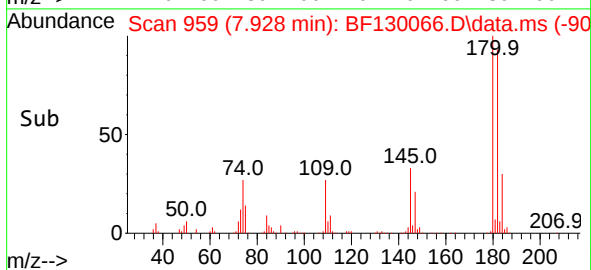
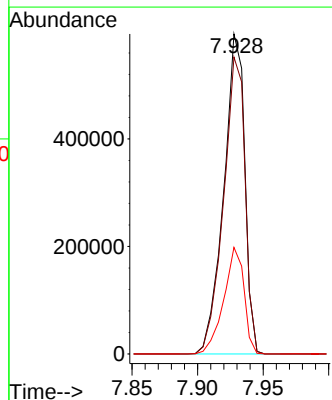
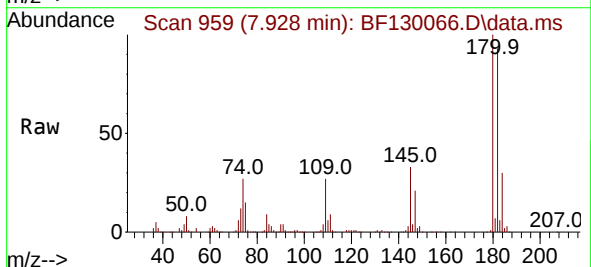
Tgt Ion:180 Resp: 663206

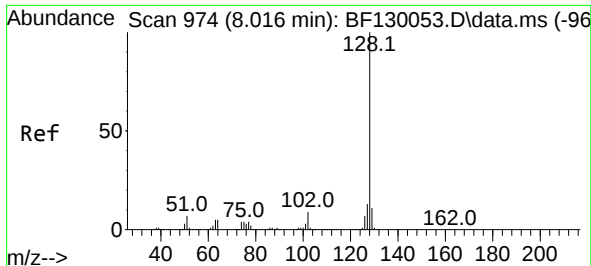
Ion Ratio Lower Upper

180 100

182 92.8 77.6 116.4

145 33.3 25.6 38.4

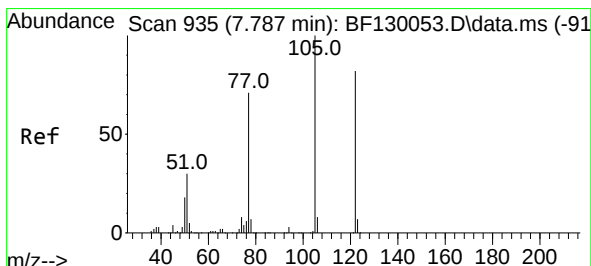
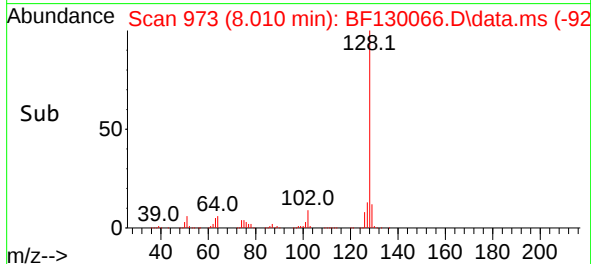
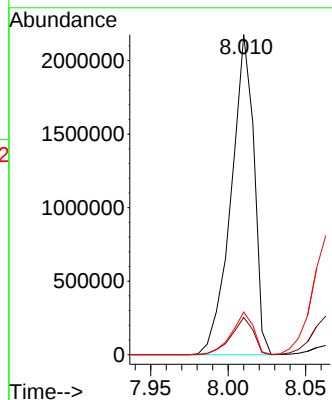
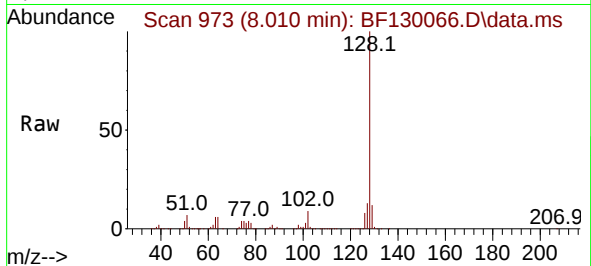




#31  
Naphthalene  
Concen: 40.343 ng  
RT: 8.010 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: BF130066.D  
Acq: 31 Aug 2022 23:18

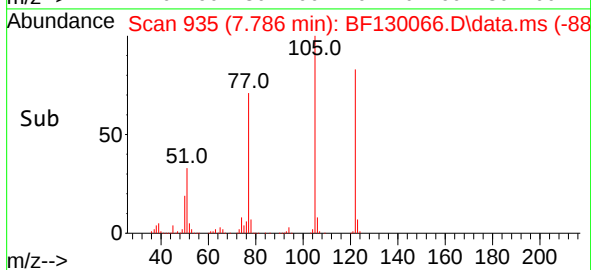
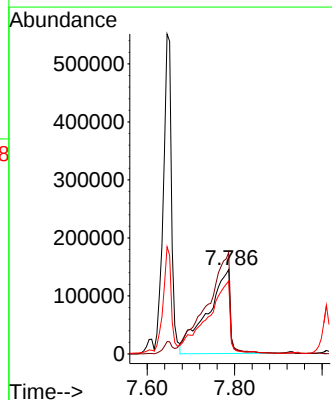
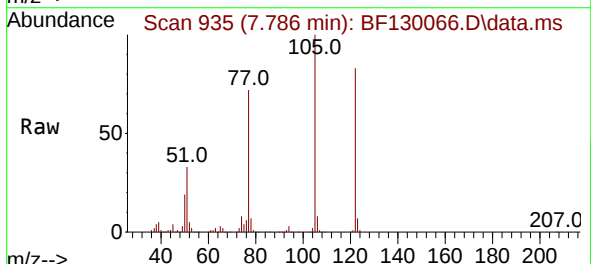
Instrument :  
BNA\_F  
ClientSampleId :  
PB147324BS

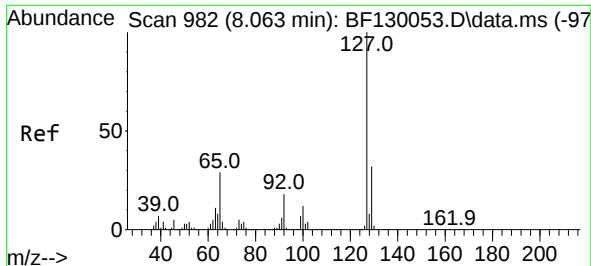
Tgt Ion:128 Resp: 2228424  
Ion Ratio Lower Upper  
128 100  
129 11.6 8.9 13.3  
127 13.3 10.7 16.1



#32  
Benzoic acid  
Concen: 45.198 ng  
RT: 7.786 min Scan# 935  
Delta R.T. -0.001 min  
Lab File: BF130066.D  
Acq: 31 Aug 2022 23:18

Tgt Ion:122 Resp: 528850  
Ion Ratio Lower Upper  
122 100  
105 120.1 99.9 139.9  
77 86.5 65.9 105.9

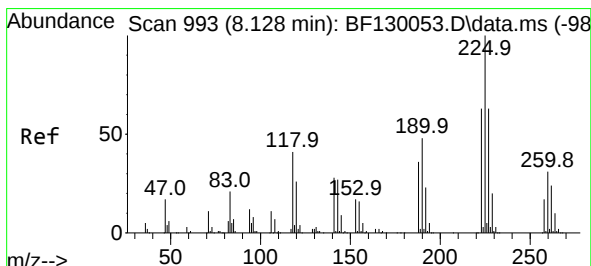
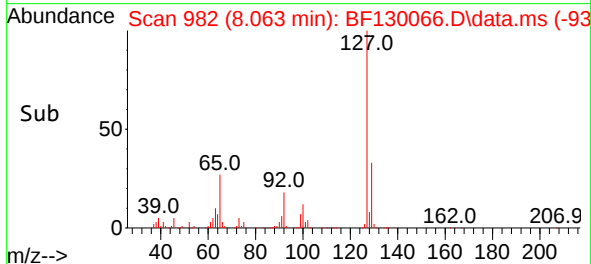
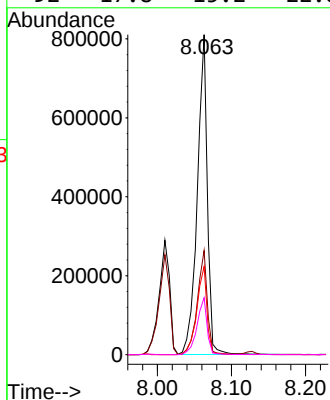
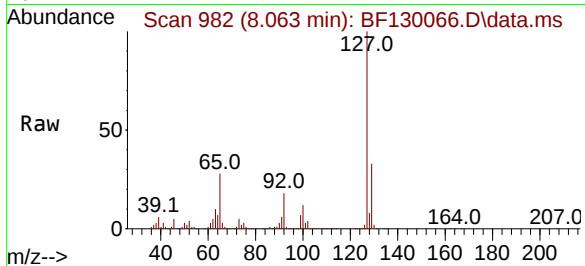




#33  
4-Chloroaniline  
Concen: 34.332 ng  
RT: 8.063 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: BF130066.D  
Acq: 31 Aug 2022 23:18

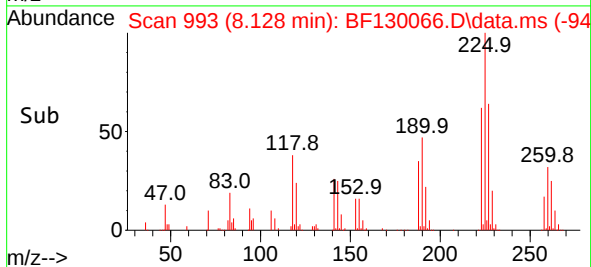
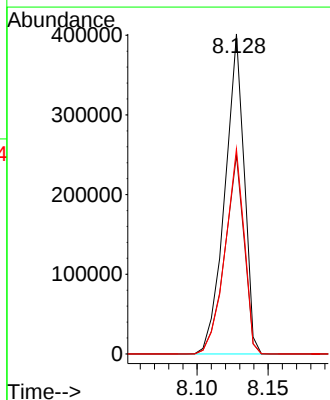
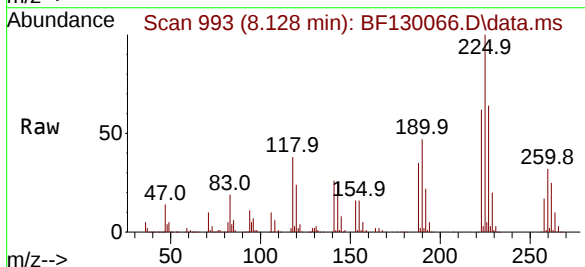
Instrument :  
BNA\_F  
ClientSampleId :  
PB147324BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 127   | Resp: | 766165 |
| Ion Ratio | Lower | Upper |        |
| 127       | 100   |       |        |
| 129       | 32.6  | 26.7  | 40.1   |
| 65        | 27.5  | 24.2  | 36.2   |
| 92        | 17.8  | 15.2  | 22.8   |



#34  
Hexachlorobutadiene  
Concen: 40.474 ng  
RT: 8.128 min Scan# 993  
Delta R.T. 0.000 min  
Lab File: BF130066.D  
Acq: 31 Aug 2022 23:18

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 225   | Resp: | 378376 |
| Ion Ratio | Lower | Upper |        |
| 225       | 100   |       |        |
| 223       | 62.2  | 50.2  | 75.2   |
| 227       | 64.1  | 50.6  | 75.8   |

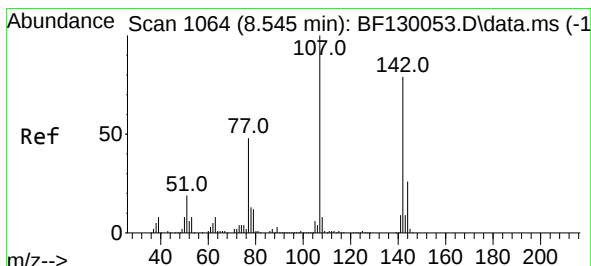
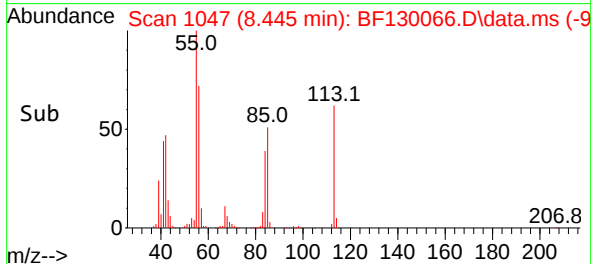
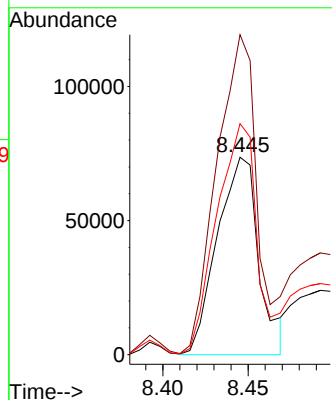
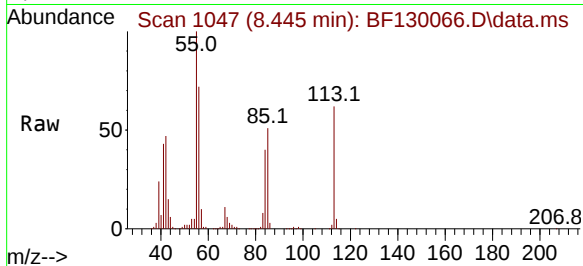




#35  
Caprolactam  
Concen: 25.921 ng  
RT: 8.445 min Scan# 1047  
Delta R.T. -0.006 min  
Lab File: BF130066.D  
Acq: 31 Aug 2022 23:18

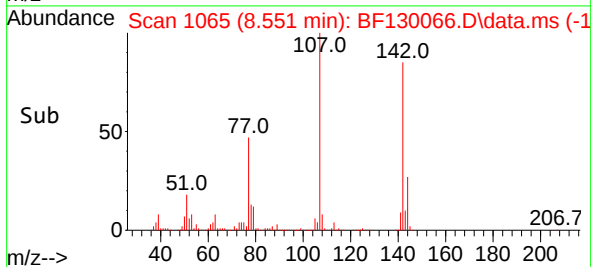
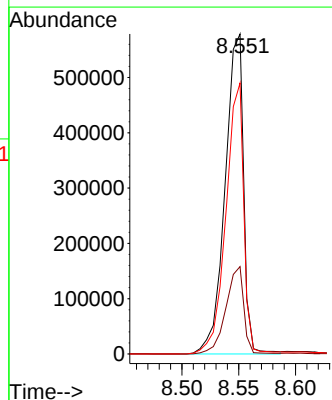
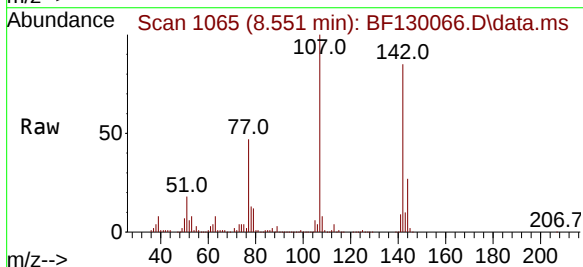
Instrument :  
BNA\_F  
ClientSampleId :  
PB147324BS

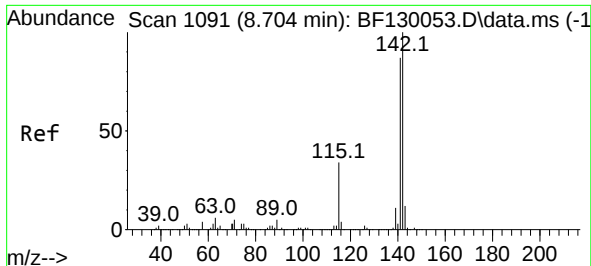
Tgt Ion:113 Resp: 124349  
Ion Ratio Lower Upper  
113 100  
55 162.1 148.8 188.8  
56 117.0 109.1 149.1



#36  
4-Chloro-3-methylphenol  
Concen: 41.965 ng  
RT: 8.551 min Scan# 1065  
Delta R.T. 0.006 min  
Lab File: BF130066.D  
Acq: 31 Aug 2022 23:18

Tgt Ion:107 Resp: 657390  
Ion Ratio Lower Upper  
107 100  
144 27.3 19.9 29.9  
142 84.7 60.2 90.4





#37

2-Methylnaphthalene

Concen: 40.563 ng

RT: 8.698 min Scan# 1107

Delta R.T. -0.006 min

Lab File: BF130066.D

Acq: 31 Aug 2022 23:18

Instrument :

BNA\_F

ClientSampleId :

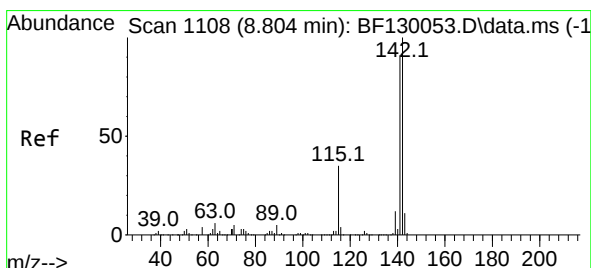
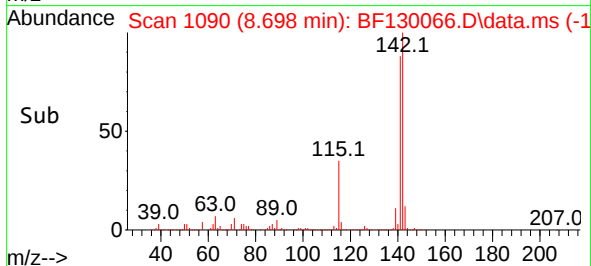
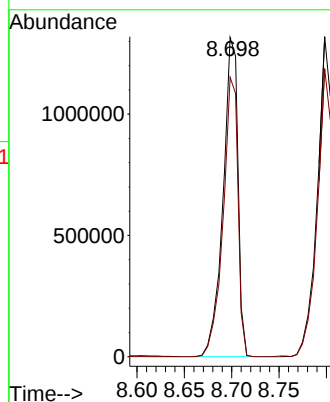
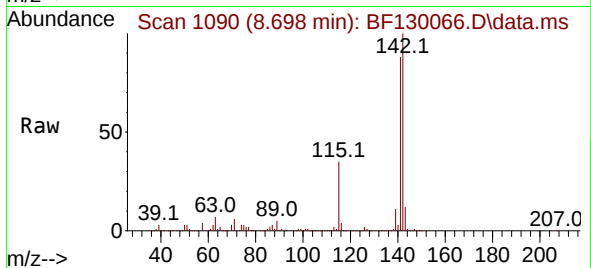
PB147324BS

Tgt Ion:142 Resp: 1443291

Ion Ratio Lower Upper

142 100

141 87.5 70.9 106.3



#38

1-Methylnaphthalene

Concen: 39.969 ng

RT: 8.798 min Scan# 1107

Delta R.T. -0.006 min

Lab File: BF130066.D

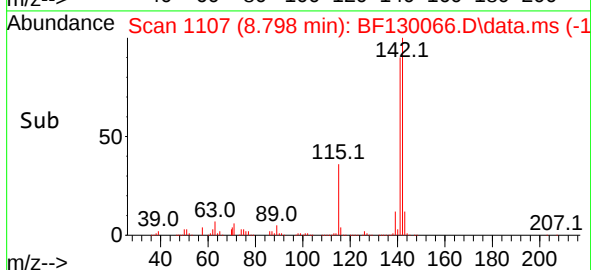
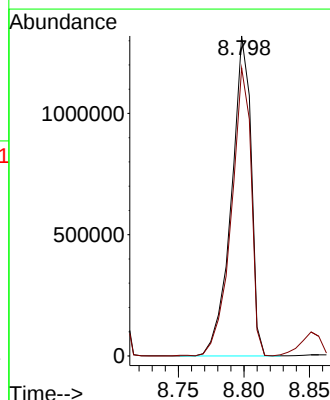
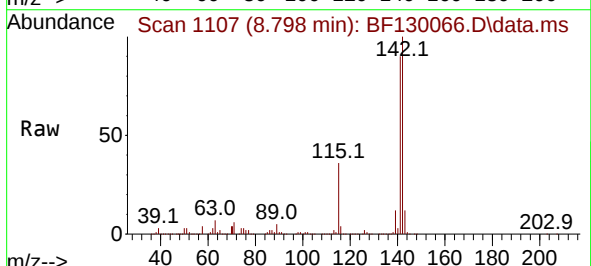
Acq: 31 Aug 2022 23:18

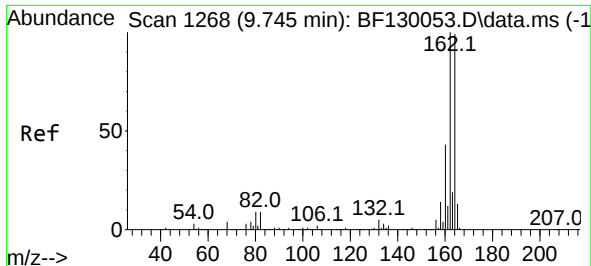
Tgt Ion:142 Resp: 1382331

Ion Ratio Lower Upper

142 100

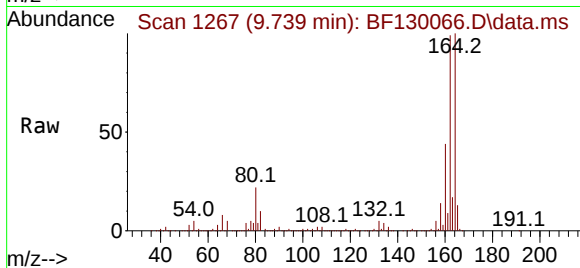
141 90.0 73.5 110.3



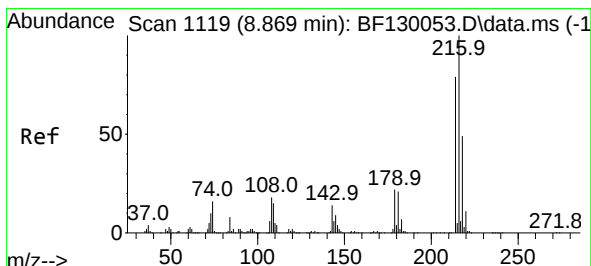
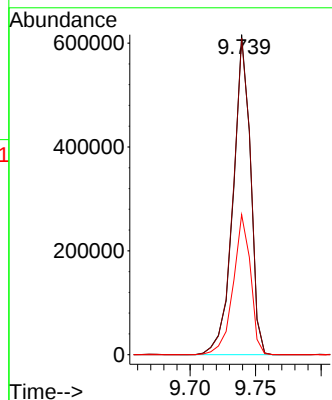
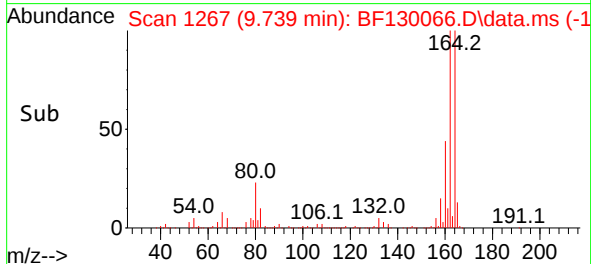


#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.739 min Scan# 1119  
Delta R.T. -0.006 min  
Lab File: BF130066.D  
Acq: 31 Aug 2022 23:18

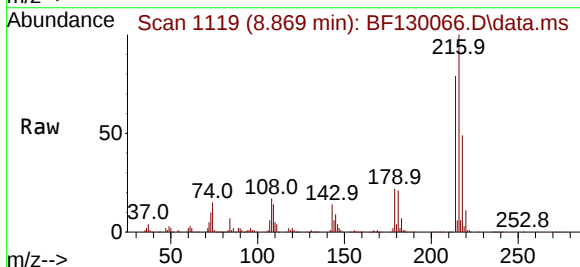
Instrument :  
BNA\_F  
ClientSampleId :  
PB147324BS



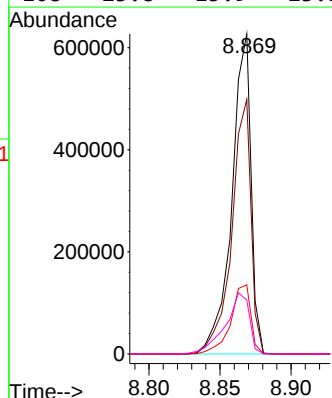
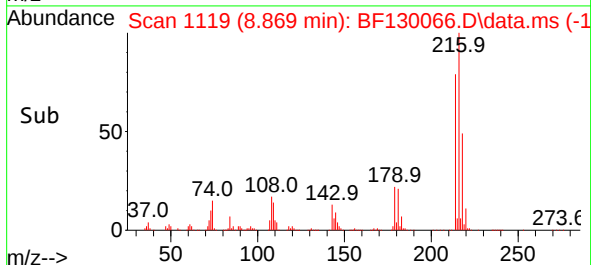
Tgt Ion:164 Resp: 564144  
Ion Ratio Lower Upper  
164 100  
162 98.9 82.0 123.0  
160 43.7 35.4 53.0

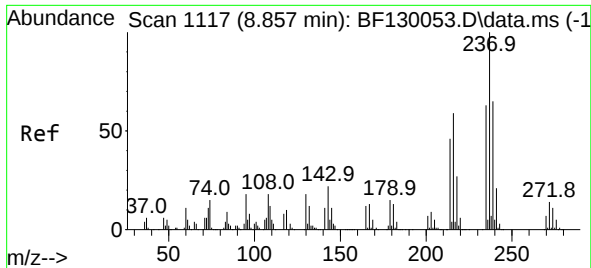


#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 40.028 ng  
RT: 8.869 min Scan# 1119  
Delta R.T. 0.000 min  
Lab File: BF130066.D  
Acq: 31 Aug 2022 23:18



Tgt Ion:216 Resp: 588835  
Ion Ratio Lower Upper  
216 100  
214 79.7 63.1 94.7  
179 22.7 18.1 27.1  
108 23.8 15.9 23.9

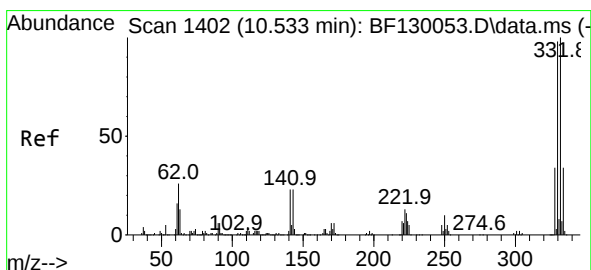
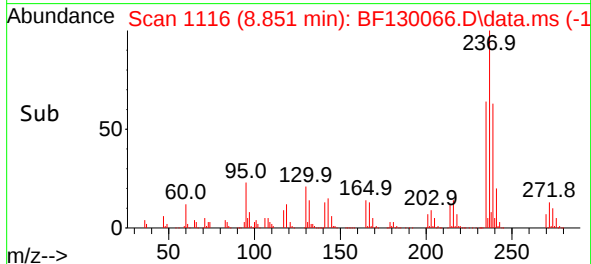
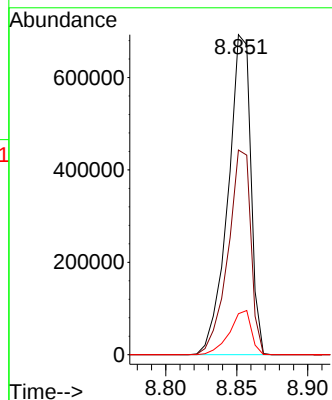
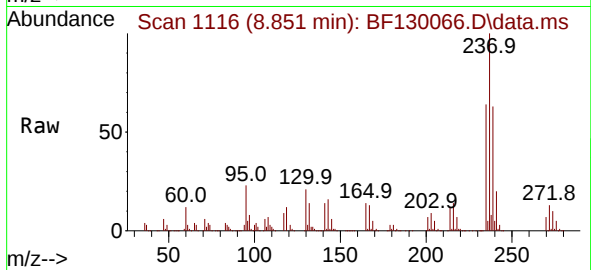




#41  
Hexachlorocyclopentadiene  
Concen: 100.760 ng  
RT: 8.851 min Scan# 1116  
Delta R.T. -0.006 min  
Lab File: BF130066.D  
Acq: 31 Aug 2022 23:18

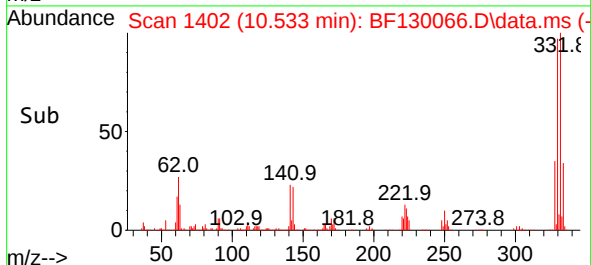
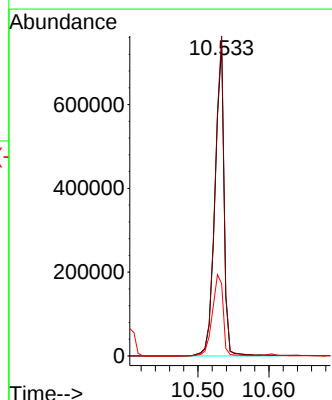
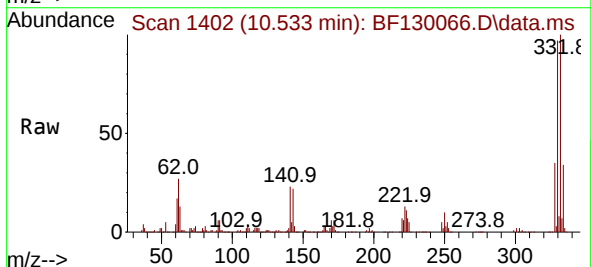
Instrument :  
BNA\_F  
ClientSampleId :  
PB147324BS

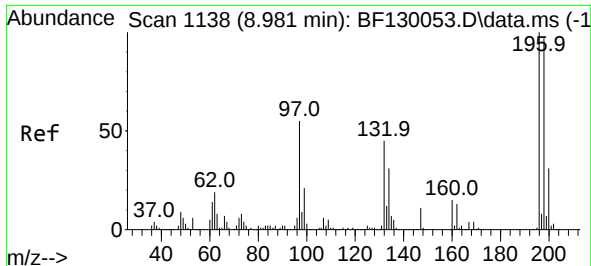
Tgt Ion:237 Resp: 774643  
Ion Ratio Lower Upper  
237 100  
235 64.0 41.5 81.5  
272 12.8 0.0 33.3



#42  
2,4,6-Tribromophenol  
Concen: 128.805 ng  
RT: 10.533 min Scan# 1402  
Delta R.T. 0.000 min  
Lab File: BF130066.D  
Acq: 31 Aug 2022 23:18

Tgt Ion:330 Resp: 661449  
Ion Ratio Lower Upper  
330 100  
332 102.6 82.6 124.0  
141 31.1 27.6 41.4





#43

2,4,6-Trichlorophenol

Concen: 39.923 ng

RT: 8.981 min Scan# 1138

Delta R.T. 0.000 min

Lab File: BF130066.D

Acq: 31 Aug 2022 23:18

Instrument :

BNA\_F

ClientSampleId :

PB147324BS

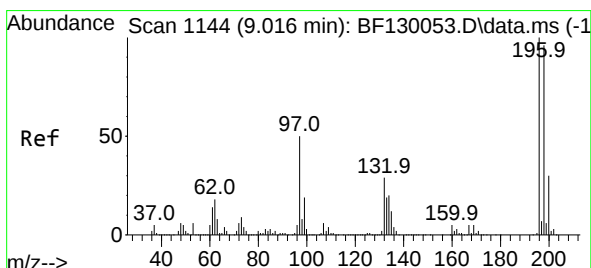
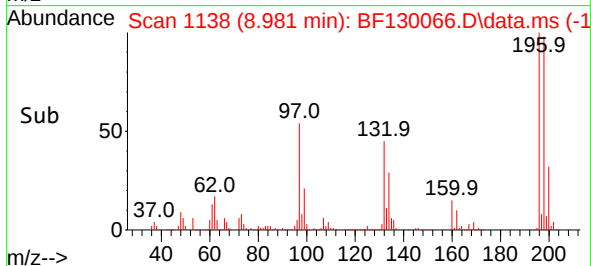
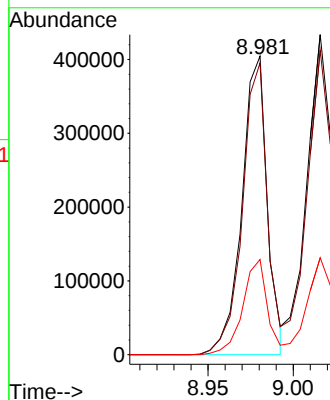
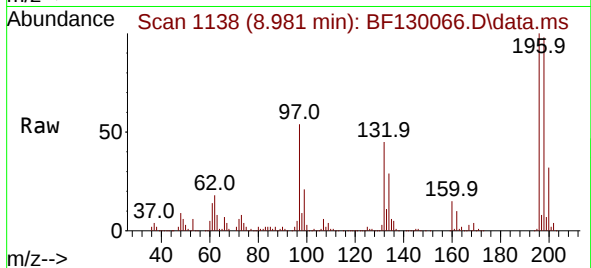
Tgt Ion:196 Resp: 419206

Ion Ratio Lower Upper

196 100

198 97.8 79.0 118.4

200 31.9 25.1 37.7



#44

2,4,5-Trichlorophenol

Concen: 43.893 ng

RT: 9.016 min Scan# 1144

Delta R.T. 0.000 min

Lab File: BF130066.D

Acq: 31 Aug 2022 23:18

Tgt Ion:196 Resp: 499555

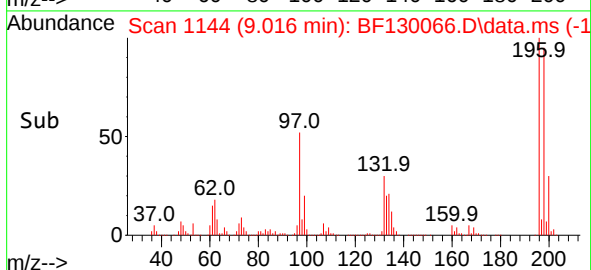
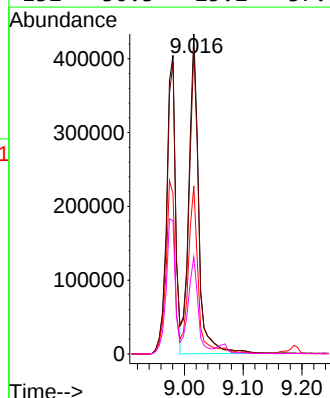
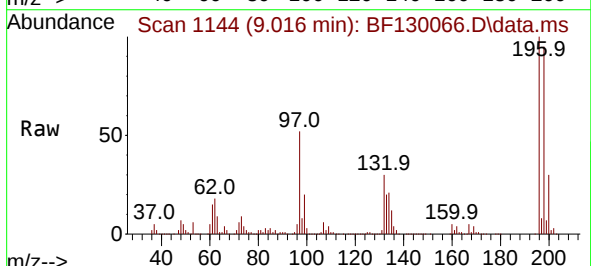
Ion Ratio Lower Upper

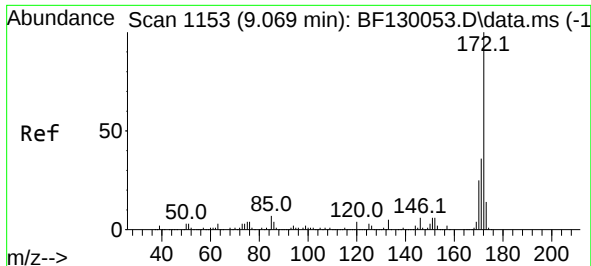
196 100

198 95.1 76.4 114.6

97 52.4 46.5 69.7

132 30.3 25.2 37.8





#45

2-Fluorobiphenyl

Concen: 75.519 ng

RT: 9.069 min Scan# 1153

Delta R.T. 0.000 min

Lab File: BF130066.D

Acq: 31 Aug 2022 23:18

Instrument :

BNA\_F

ClientSampleId :

PB147324BS

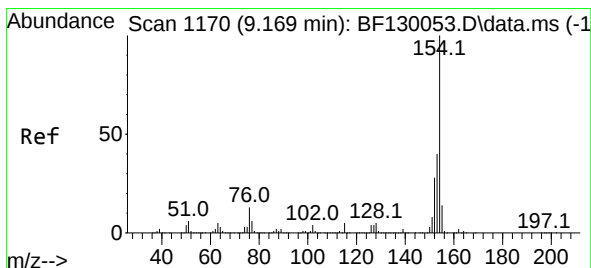
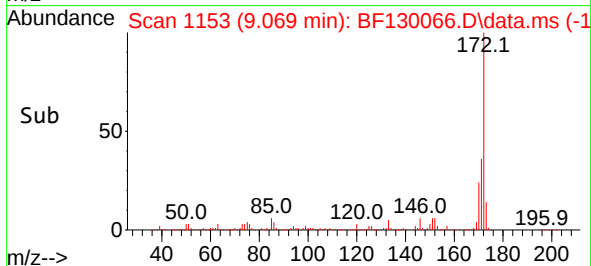
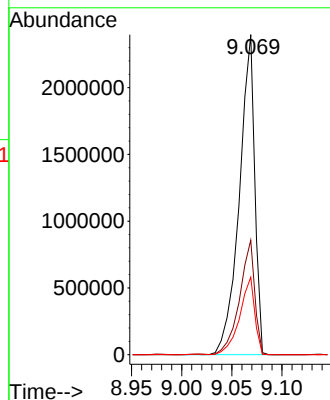
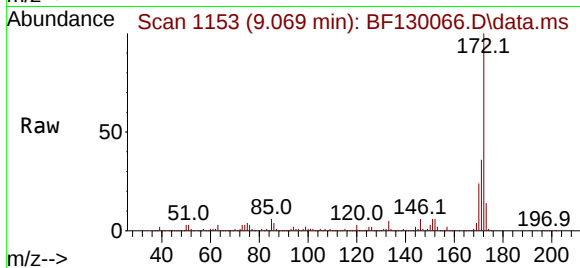
Tgt Ion:172 Resp: 2569659

Ion Ratio Lower Upper

172 100

171 35.8 28.4 42.6

170 24.2 19.1 28.7



#46

1,1'-Biphenyl

Concen: 40.880 ng

RT: 9.169 min Scan# 1170

Delta R.T. 0.000 min

Lab File: BF130066.D

Acq: 31 Aug 2022 23:18

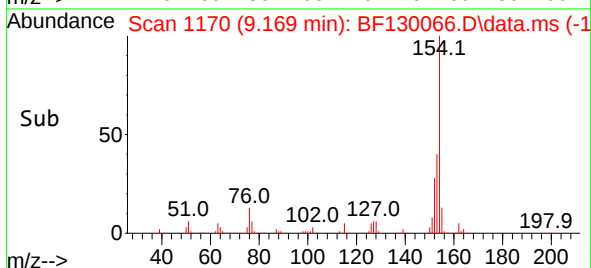
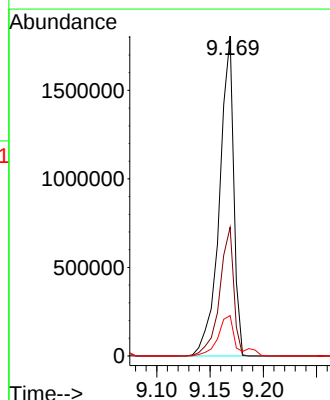
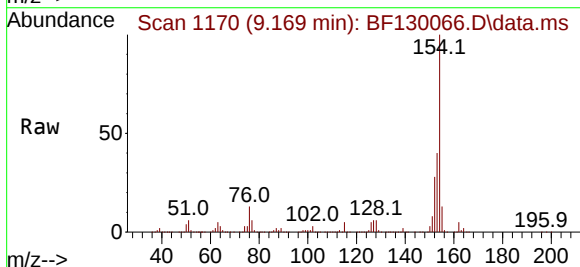
Tgt Ion:154 Resp: 1675472

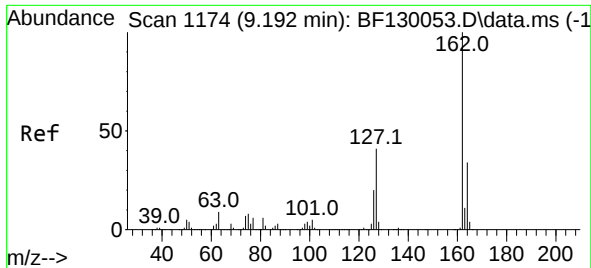
Ion Ratio Lower Upper

154 100

153 40.2 20.2 60.2

76 12.6 0.0 32.1

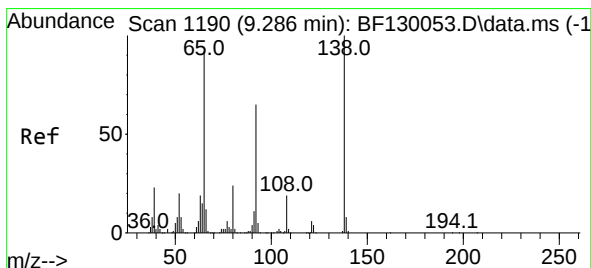
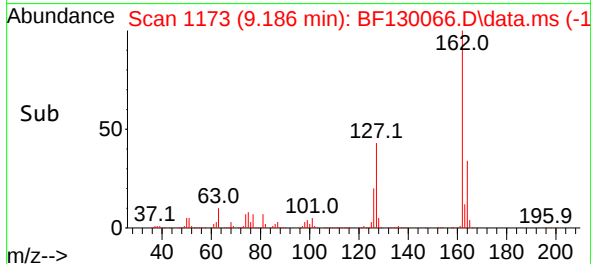
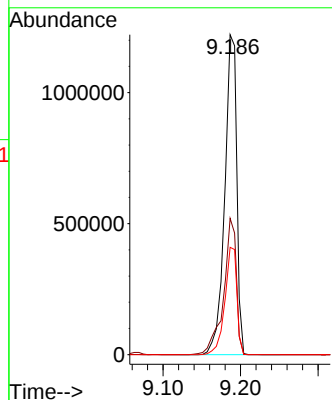
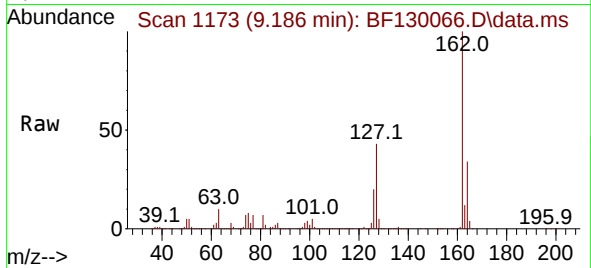




#47  
2-Chloronaphthalene  
Concen: 40.088 ng  
RT: 9.186 min Scan# 1173  
Delta R.T. -0.006 min  
Lab File: BF130066.D  
Acq: 31 Aug 2022 23:18

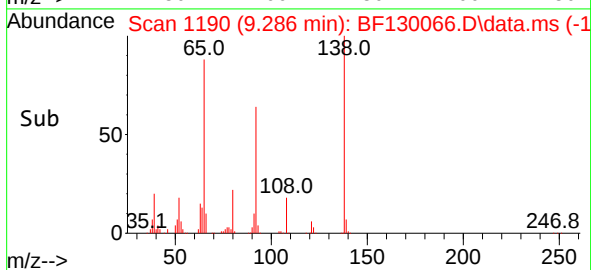
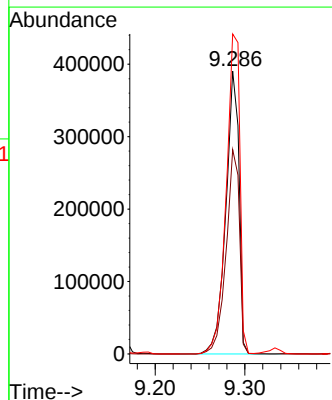
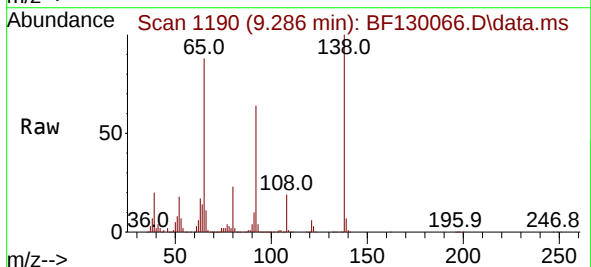
Instrument :  
BNA\_F  
ClientSampleId :  
PB147324BS

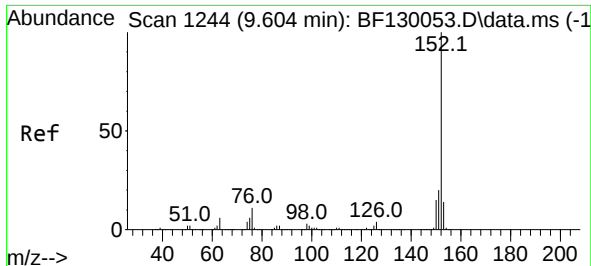
Tgt Ion:162 Resp: 1316462  
Ion Ratio Lower Upper  
162 100  
127 42.6 33.1 49.7  
164 33.6 26.7 40.1



#48  
2-Nitroaniline  
Concen: 49.222 ng  
RT: 9.286 min Scan# 1190  
Delta R.T. 0.000 min  
Lab File: BF130066.D  
Acq: 31 Aug 2022 23:18

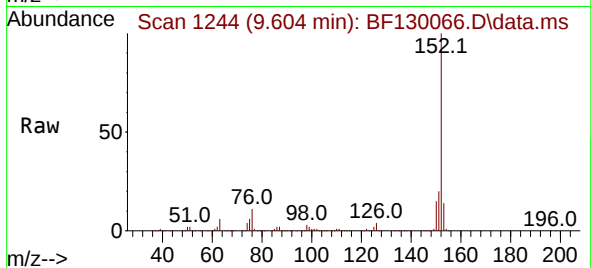
Tgt Ion: 65 Resp: 398323  
Ion Ratio Lower Upper  
65 100  
92 72.3 55.0 82.4  
138 113.1 81.3 121.9



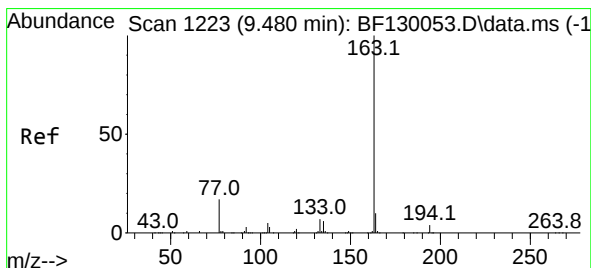
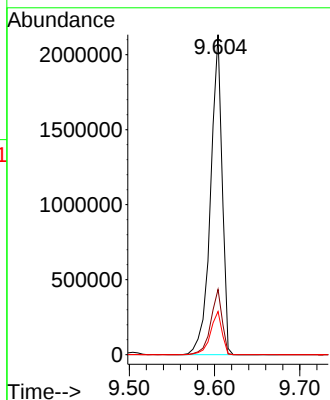
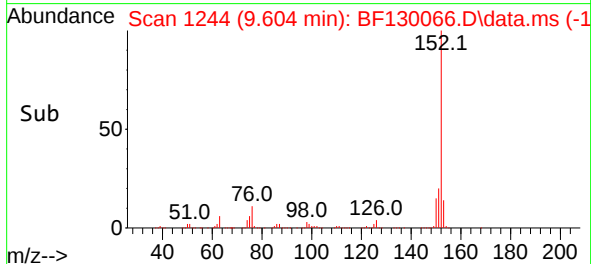


#49  
Acenaphthylene  
Concen: 40.357 ng  
RT: 9.604 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF130066.D  
Acq: 31 Aug 2022 23:18

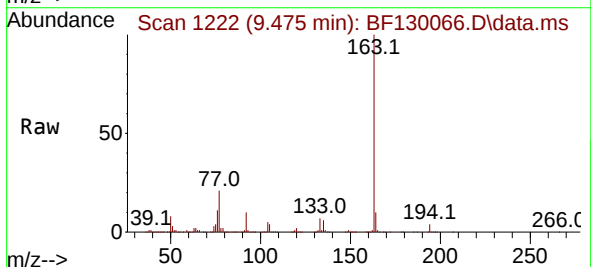
Instrument :  
BNA\_F  
ClientSampleId :  
PB147324BS



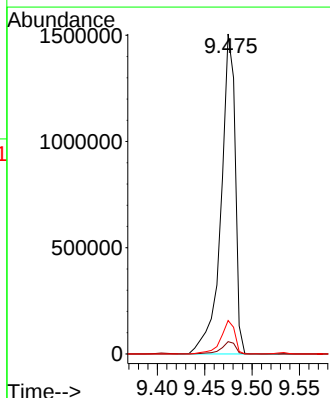
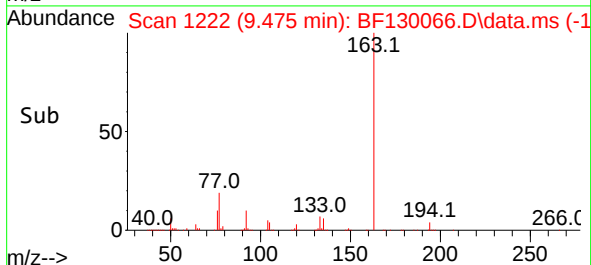
Tgt Ion:152 Resp: 2012504  
Ion Ratio Lower Upper  
152 100  
151 20.4 16.1 24.1  
153 13.5 10.6 16.0

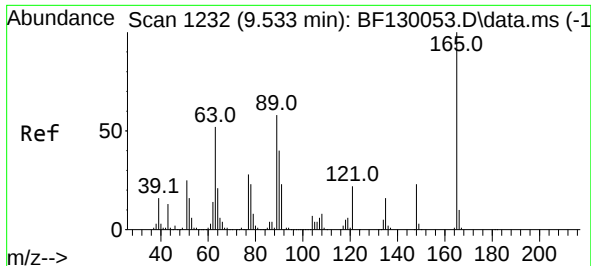


#50  
Dimethylphthalate  
Concen: 40.976 ng  
RT: 9.475 min Scan# 1222  
Delta R.T. -0.006 min  
Lab File: BF130066.D  
Acq: 31 Aug 2022 23:18



Tgt Ion:163 Resp: 1574489  
Ion Ratio Lower Upper  
163 100  
194 3.8 3.3 4.9  
164 10.5 8.2 12.2

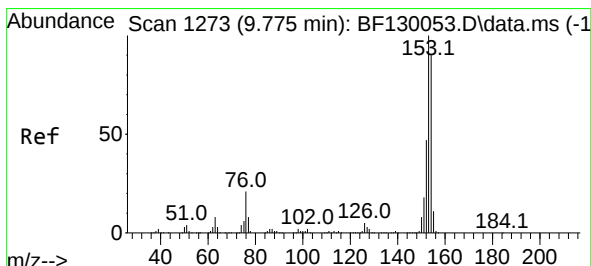
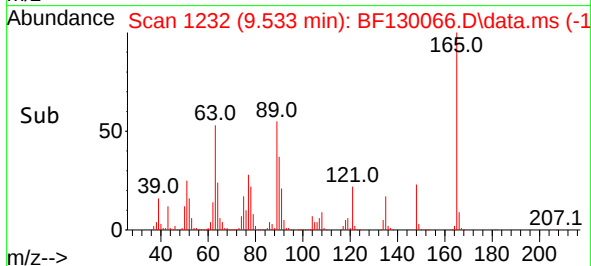
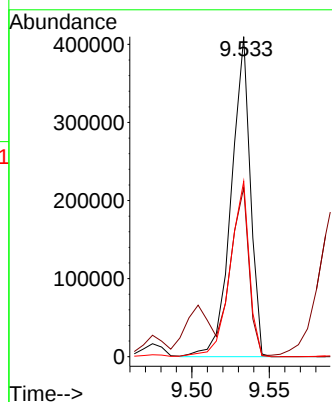
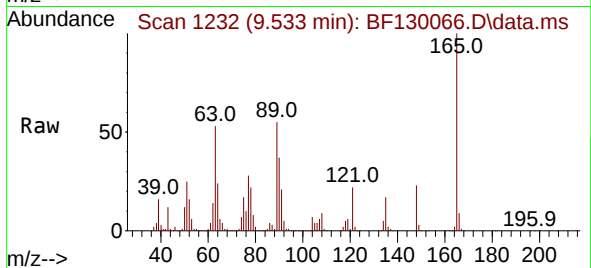




#51  
2,6-Dinitrotoluene  
Concen: 46.833 ng  
RT: 9.533 min Scan# 1  
Delta R.T. 0.000 min  
Lab File: BF130066.D  
Acq: 31 Aug 2022 23:18

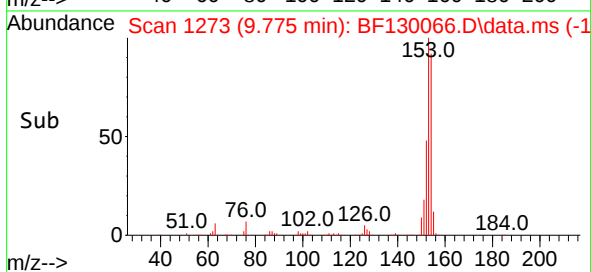
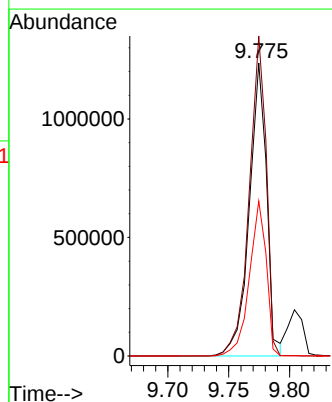
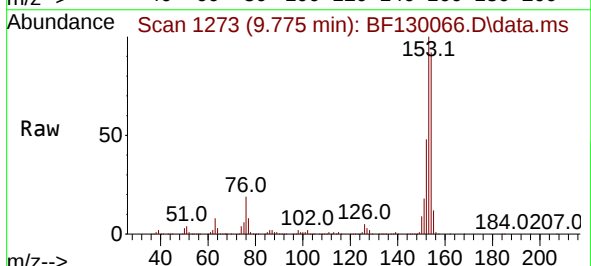
Instrument :  
BNA\_F  
ClientSampleId :  
PB147324BS

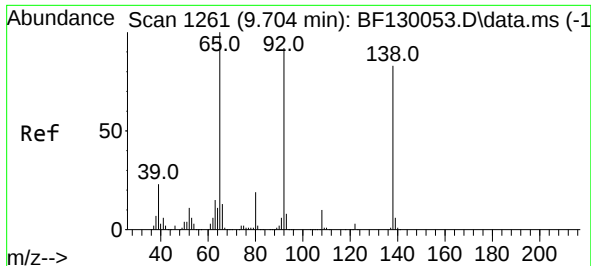
Tgt Ion:165 Resp: 350857  
Ion Ratio Lower Upper  
165 100  
63 52.8 47.8 71.8  
89 54.8 47.2 70.8



#52  
Acenaphthene  
Concen: 38.850 ng  
RT: 9.775 min Scan# 1273  
Delta R.T. 0.000 min  
Lab File: BF130066.D  
Acq: 31 Aug 2022 23:18

Tgt Ion:154 Resp: 1220941  
Ion Ratio Lower Upper  
154 100  
153 109.2 89.8 134.6  
152 52.9 42.1 63.1

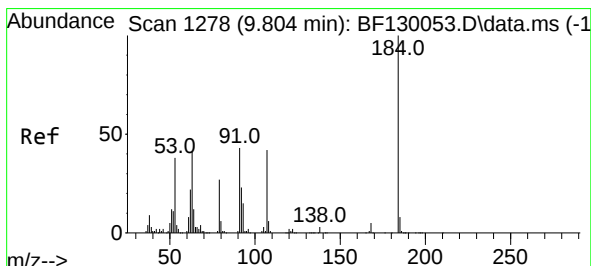
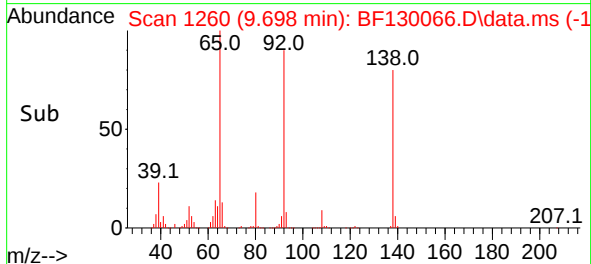
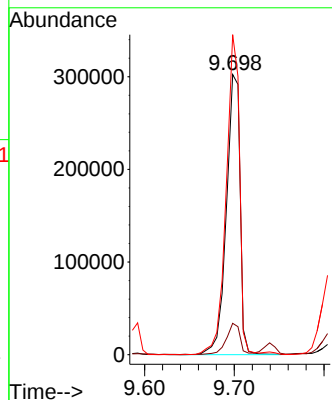
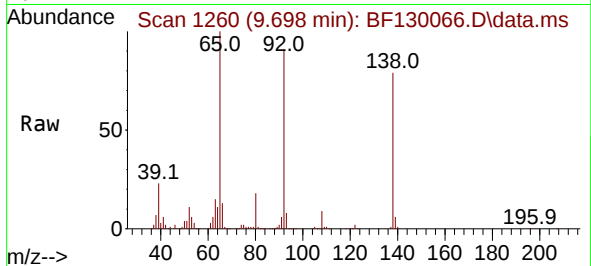




#53  
3-Nitroaniline  
Concen: 37.315 ng  
RT: 9.698 min Scan# 1260  
Delta R.T. -0.006 min  
Lab File: BF130066.D  
Acq: 31 Aug 2022 23:18

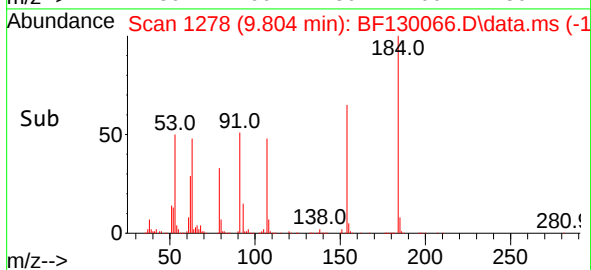
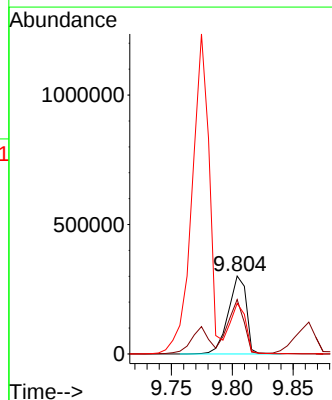
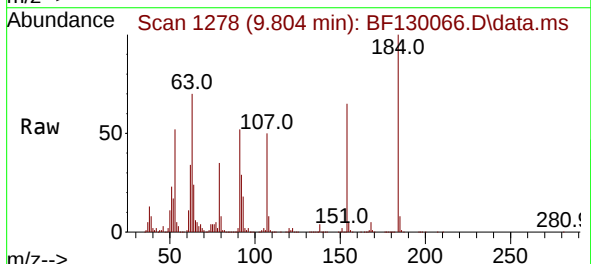
Instrument :  
BNA\_F  
ClientSampleId :  
PB147324BS

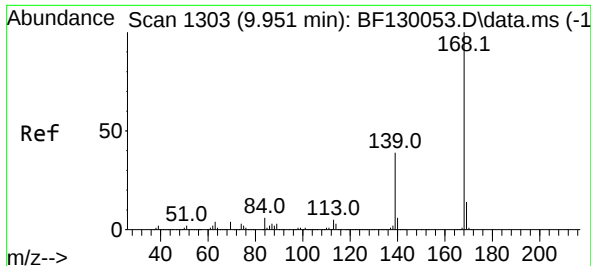
Tgt Ion:138 Resp: 320867  
Ion Ratio Lower Upper  
138 100  
108 11.2 8.4 12.6  
92 114.2 89.8 134.8



#54  
2,4-Dinitrophenol  
Concen: 90.176 ng  
RT: 9.804 min Scan# 1278  
Delta R.T. 0.000 min  
Lab File: BF130066.D  
Acq: 31 Aug 2022 23:18

Tgt Ion:184 Resp: 310603  
Ion Ratio Lower Upper  
184 100  
63 69.8 59.6 89.4  
154 64.9 55.3 82.9

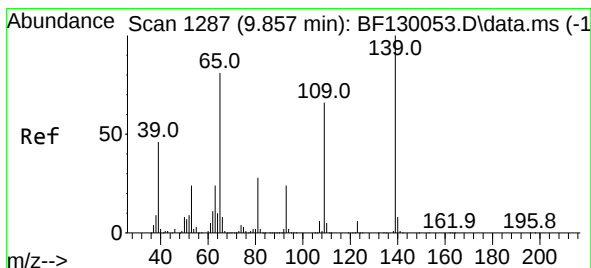
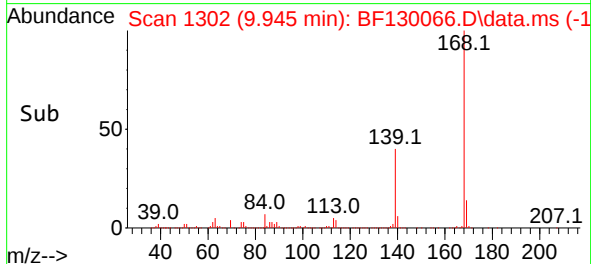
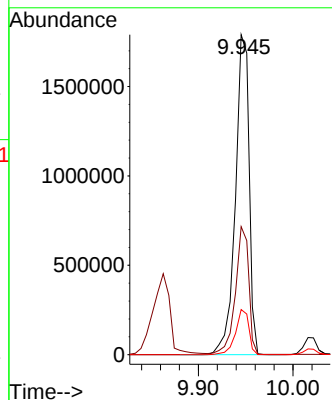
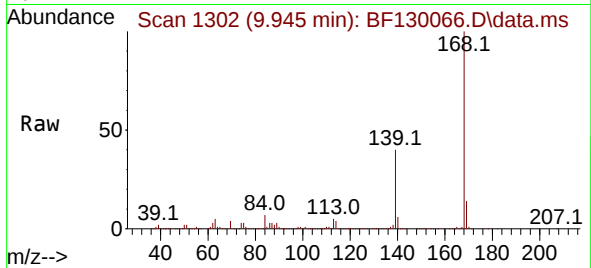




#55  
Dibenzenofuran  
Concen: 39.962 ng  
RT: 9.945 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF130066.D  
Acq: 31 Aug 2022 23:18

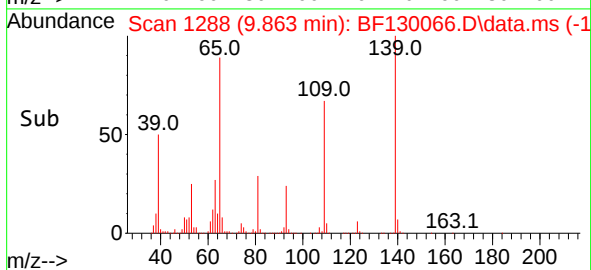
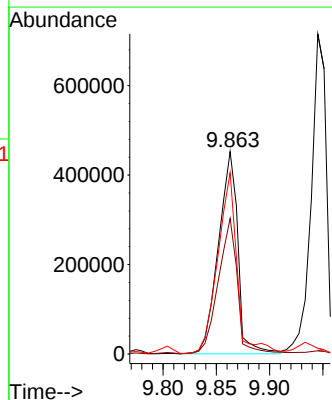
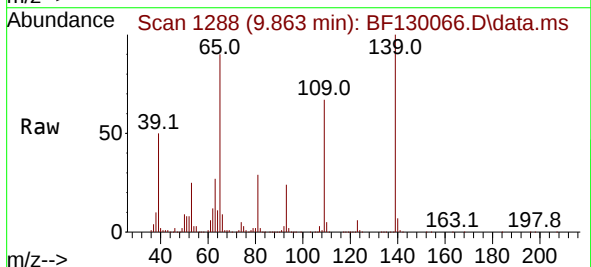
Instrument :  
BNA\_F  
ClientSampleId :  
PB147324BS

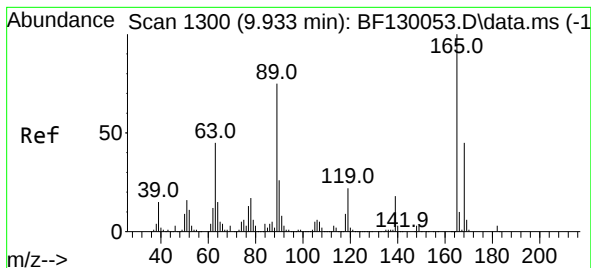
Tgt Ion:168 Resp: 1798390  
Ion Ratio Lower Upper  
168 100  
139 40.0 31.3 46.9  
169 14.1 10.7 16.1



#56  
4-Nitrophenol  
Concen: 86.402 ng  
RT: 9.863 min Scan# 1288  
Delta R.T. 0.006 min  
Lab File: BF130066.D  
Acq: 31 Aug 2022 23:18

Tgt Ion:139 Resp: 572802  
Ion Ratio Lower Upper  
139 100  
109 67.0 52.9 92.9  
65 89.6 79.5 119.5





#57

2,4-Dinitrotoluene

Concen: 50.812 ng

RT: 9.933 min Scan# 1300

Delta R.T. 0.000 min

Lab File: BF130066.D

Acq: 31 Aug 2022 23:18

Instrument :

BNA\_F

ClientSampleId :

PB147324BS

Tgt Ion:165 Resp: 438270

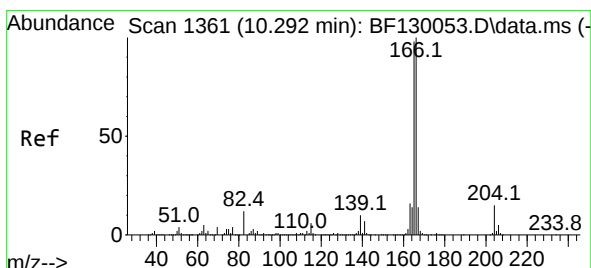
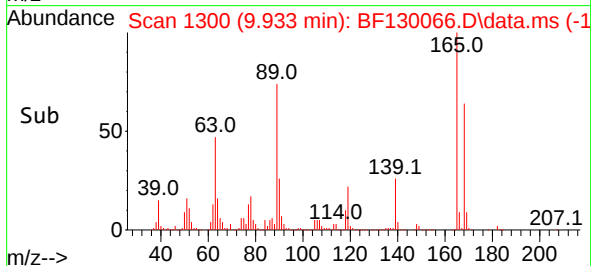
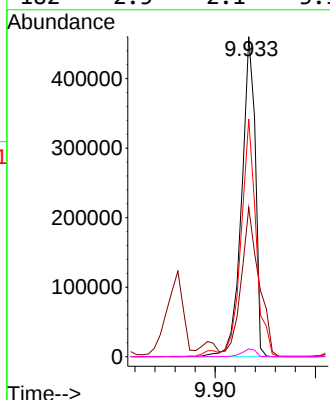
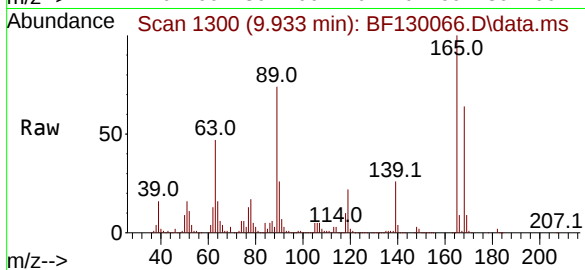
Ion Ratio Lower Upper

165 100

63 46.6 48.4 72.6#

89 74.2 62.3 93.5

182 2.5 2.1 3.1



#58

Fluorene

Concen: 38.707 ng

RT: 10.292 min Scan# 1361

Delta R.T. 0.000 min

Lab File: BF130066.D

Acq: 31 Aug 2022 23:18

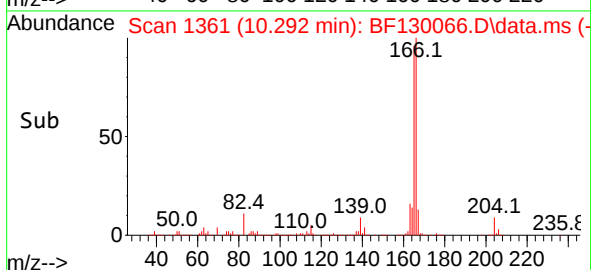
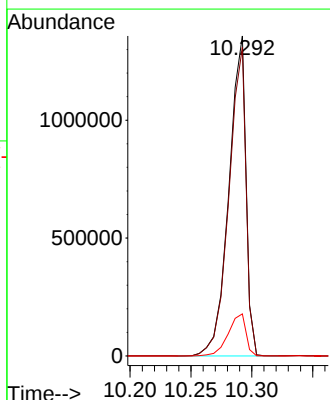
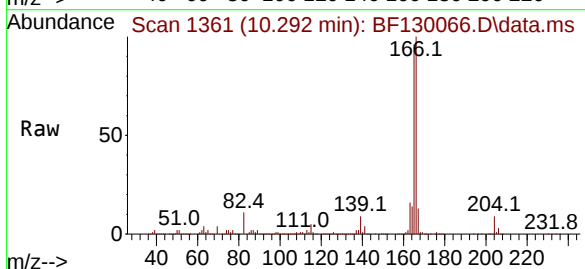
Tgt Ion:166 Resp: 1325388

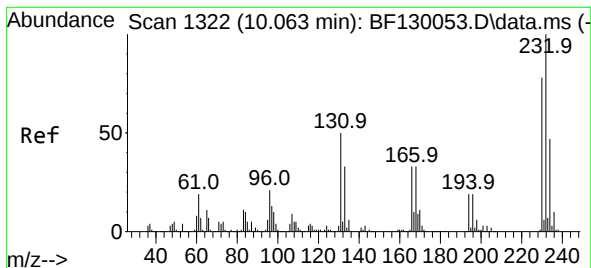
Ion Ratio Lower Upper

166 100

165 96.5 77.9 116.9

167 13.2 11.0 16.4

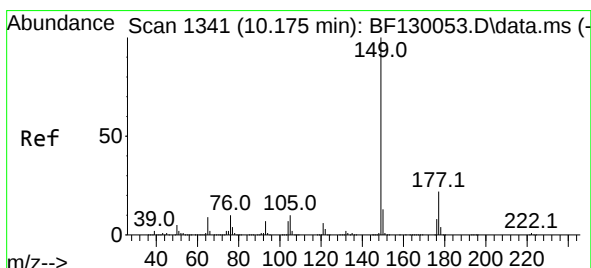
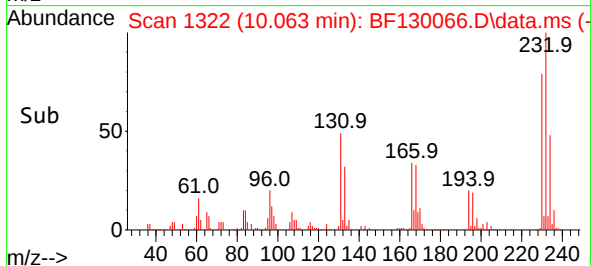
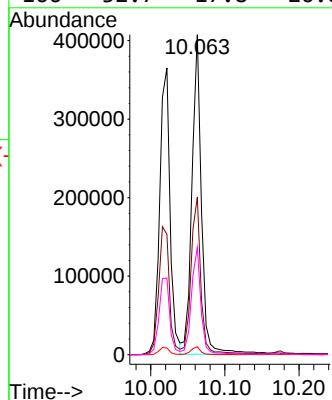
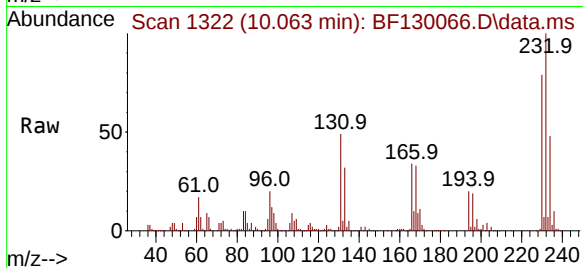




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 41.131 ng  
RT: 10.063 min Scan# 1322  
Delta R.T. 0.000 min  
Lab File: BF130066.D  
Acq: 31 Aug 2022 23:18

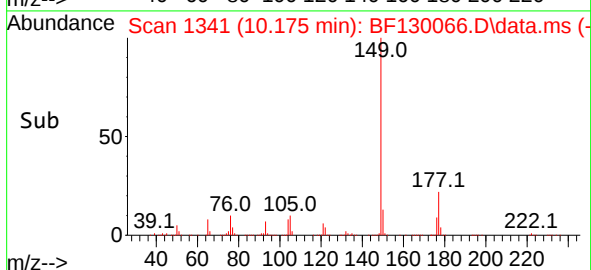
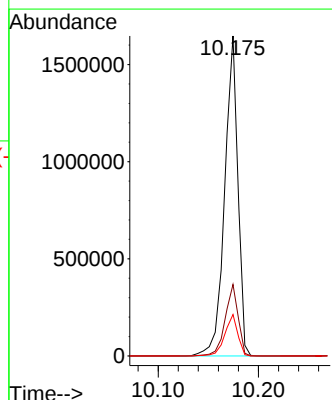
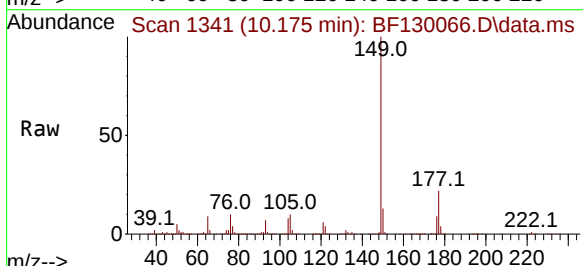
Instrument :  
BNA\_F  
ClientSampleId :  
PB147324BS

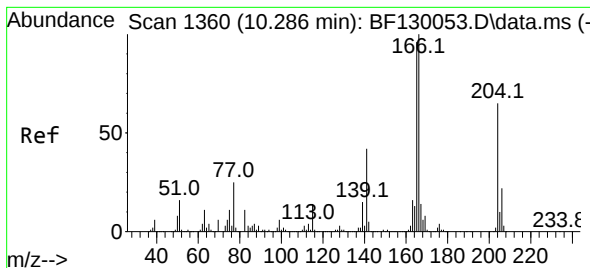
Tgt Ion:232 Resp: 363584  
Ion Ratio Lower Upper  
232 100  
131 51.8 29.9 44.9#  
130 2.5 1.5 2.3#  
166 32.7 17.8 26.8#



#60  
Diethylphthalate  
Concen: 40.459 ng  
RT: 10.175 min Scan# 1341  
Delta R.T. 0.000 min  
Lab File: BF130066.D  
Acq: 31 Aug 2022 23:18

Tgt Ion:149 Resp: 1504007  
Ion Ratio Lower Upper  
149 100  
177 22.3 17.7 26.5  
150 13.0 10.1 15.1

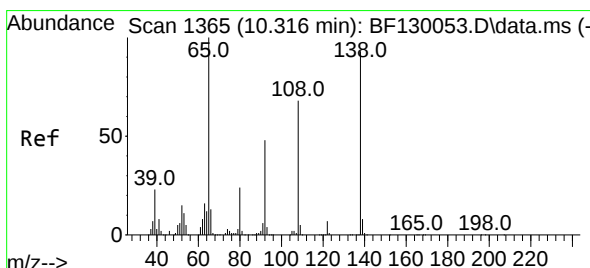
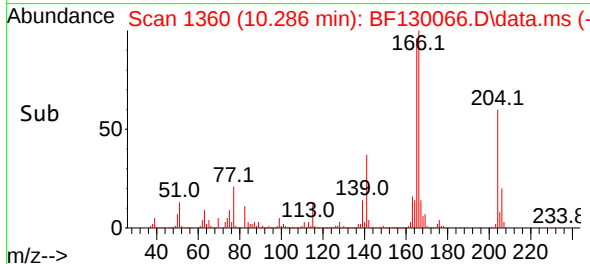
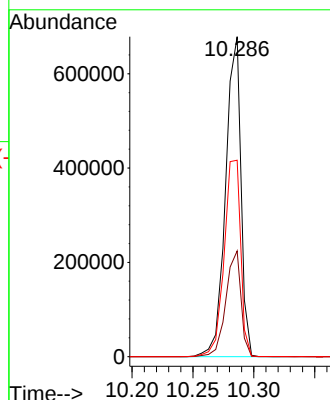
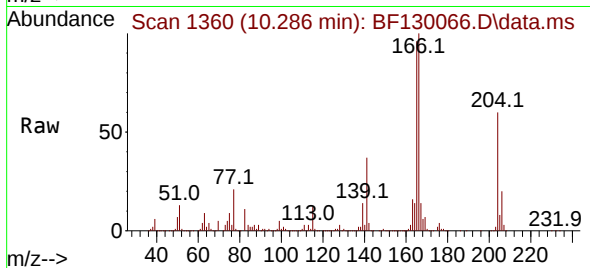




#61  
4-Chlorophenyl-phenylether  
Concen: 39.352 ng  
RT: 10.286 min Scan# 1360  
Delta R.T. 0.000 min  
Lab File: BF130066.D  
Acq: 31 Aug 2022 23:18

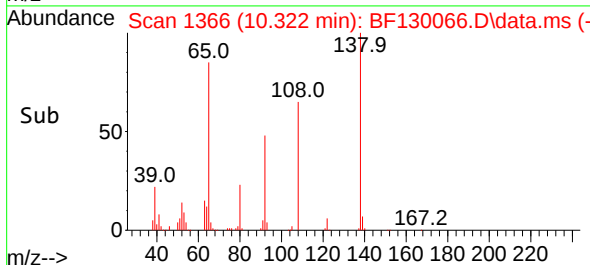
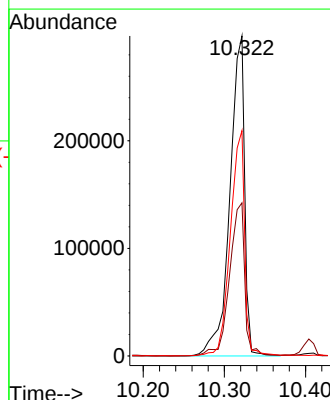
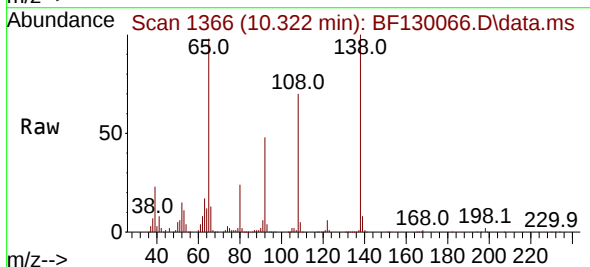
Instrument :  
BNA\_F  
ClientSampleId :  
PB147324BS

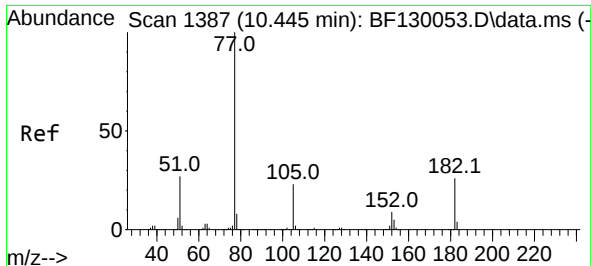
Tgt Ion:204 Resp: 595660  
Ion Ratio Lower Upper  
204 100  
206 33.1 26.5 39.7  
141 61.4 52.6 79.0



#62  
4-Nitroaniline  
Concen: 44.961 ng  
RT: 10.322 min Scan# 1366  
Delta R.T. 0.006 min  
Lab File: BF130066.D  
Acq: 31 Aug 2022 23:18

Tgt Ion:138 Resp: 376002  
Ion Ratio Lower Upper  
138 100  
92 47.9 30.3 70.3  
108 70.4 55.7 95.7



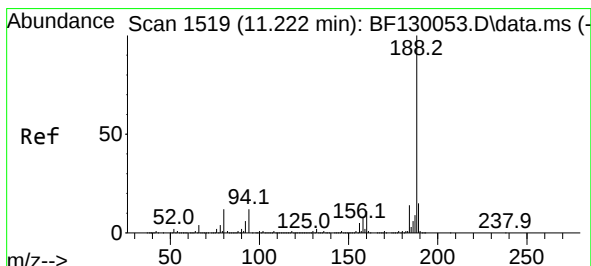
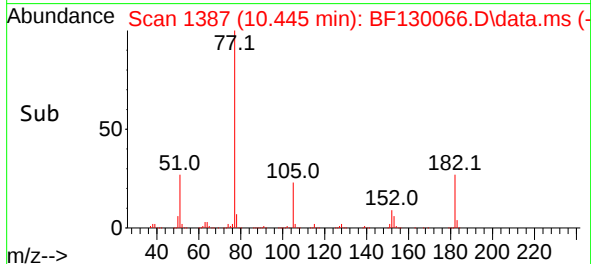
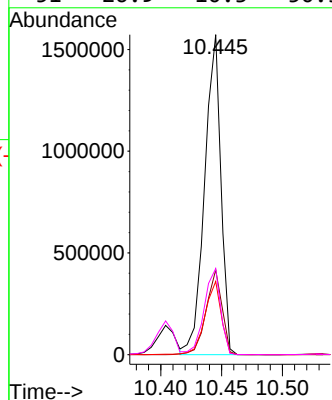
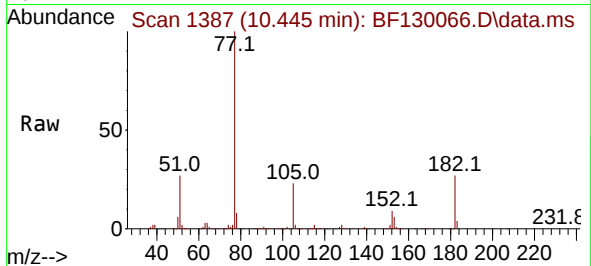


#63  
Azobenzene  
Concen: 39.874 ng  
RT: 10.445 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BF130066.D  
Acq: 31 Aug 2022 23:18

Instrument :  
BNA\_F  
ClientSampleId :  
PB147324BS

Tgt Ion: 77 Resp: 1459420

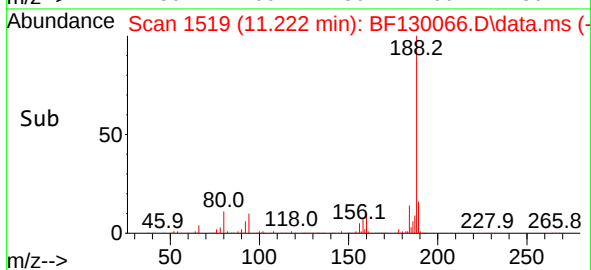
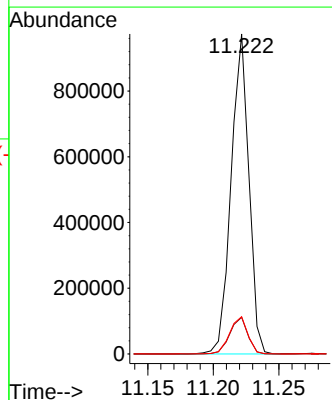
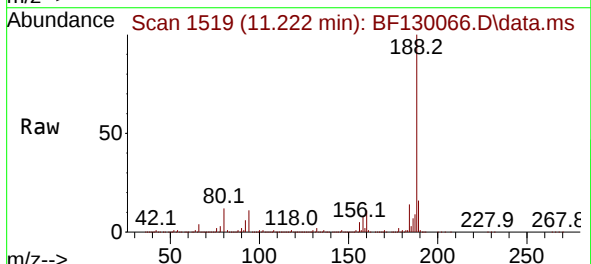
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 182 | 26.5  | 2.2   | 42.2  |
| 105 | 22.9  | 0.8   | 40.8  |
| 51  | 26.9  | 10.3  | 50.3  |

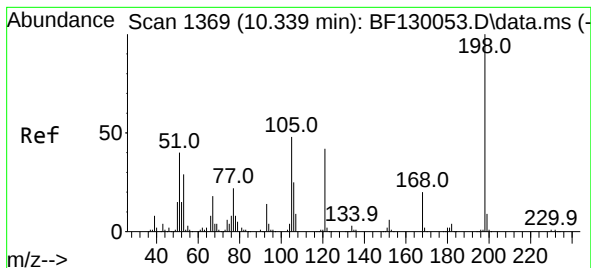


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.222 min Scan# 1519  
Delta R.T. -0.000 min  
Lab File: BF130066.D  
Acq: 31 Aug 2022 23:18

Tgt Ion: 188 Resp: 915256

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 188 | 100   |       |       |
| 94  | 11.5  | 7.4   | 11.2# |
| 80  | 11.6  | 7.9   | 11.9  |

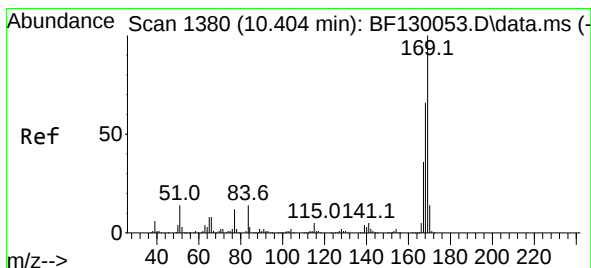
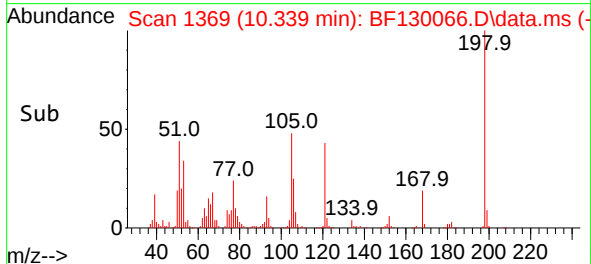
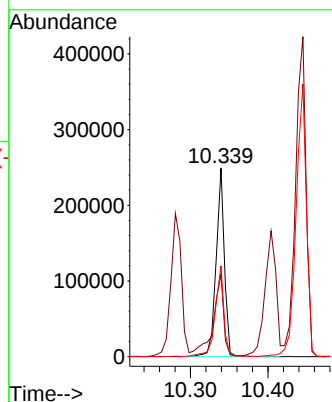
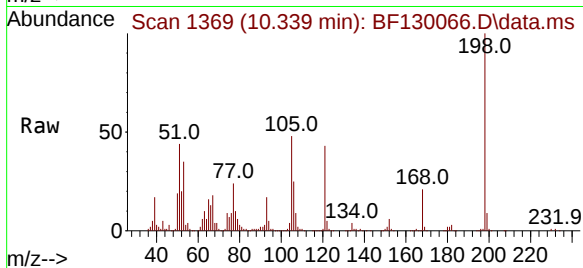




#65  
4,6-Dinitro-2-methylphenol  
Concen: 43.806 ng  
RT: 10.339 min Scan# 1369  
Delta R.T. 0.000 min  
Lab File: BF130066.D  
Acq: 31 Aug 2022 23:18

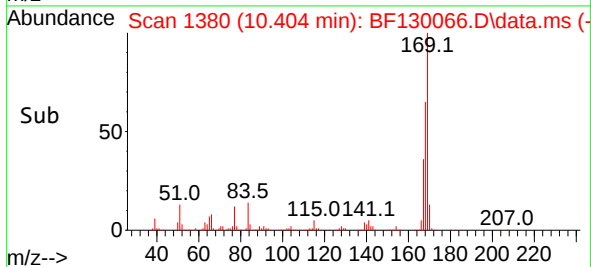
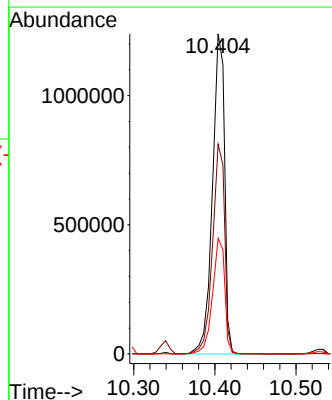
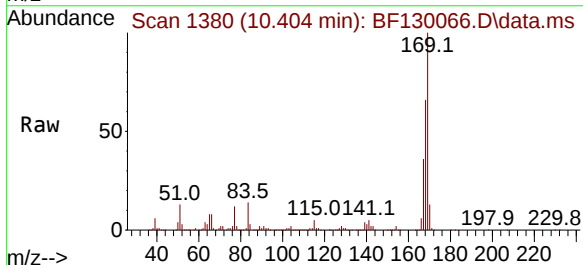
Instrument :  
BNA\_F  
ClientSampleId :  
PB147324BS

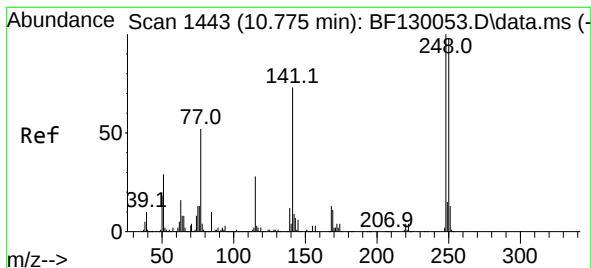
Tgt Ion:198 Resp: 186133  
Ion Ratio Lower Upper  
198 100  
51 43.8 29.4 69.4  
105 48.1 29.2 69.2



#66  
n-Nitrosodiphenylamine  
Concen: 41.759 ng  
RT: 10.404 min Scan# 1380  
Delta R.T. 0.000 min  
Lab File: BF130066.D  
Acq: 31 Aug 2022 23:18

Tgt Ion:169 Resp: 1277668  
Ion Ratio Lower Upper  
169 100  
168 65.5 53.4 80.2  
167 36.1 29.1 43.7

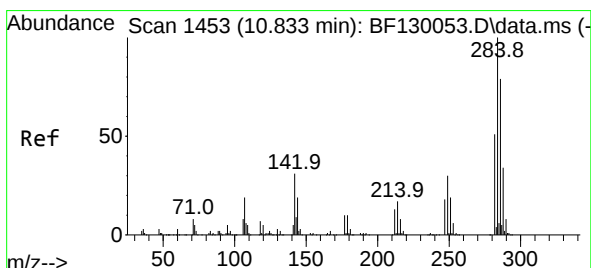
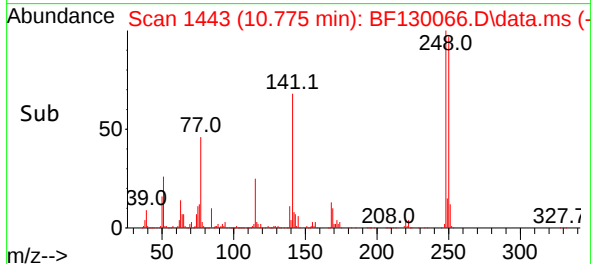
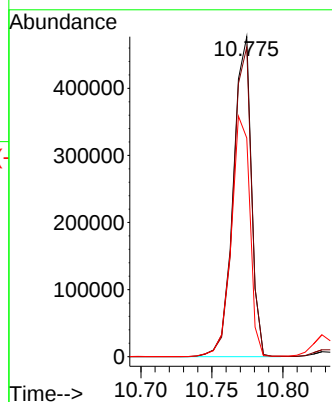
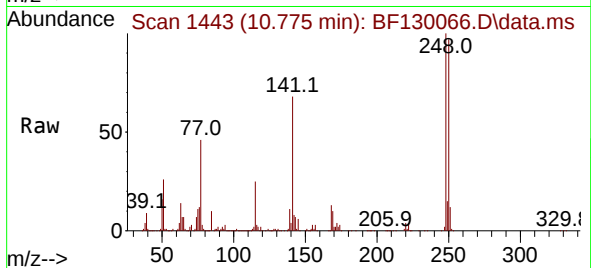




#67  
4-Bromophenyl-phenylether  
Concen: 41.668 ng  
RT: 10.775 min Scan# 1443  
Delta R.T. 0.000 min  
Lab File: BF130066.D  
Acq: 31 Aug 2022 23:18

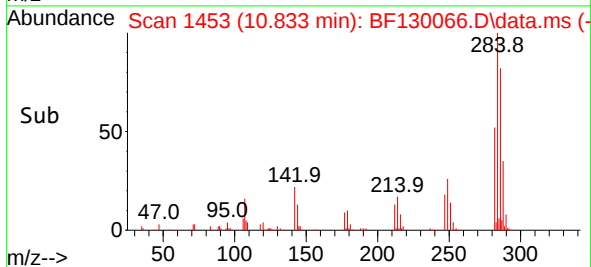
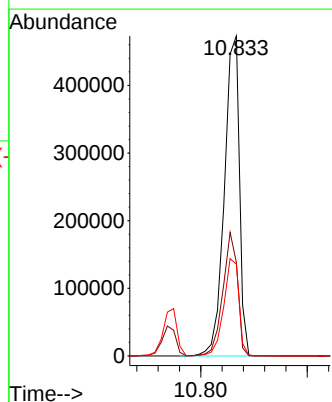
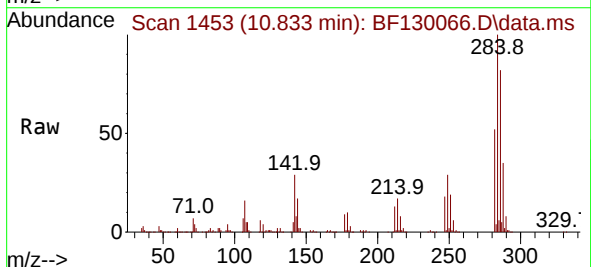
Instrument :  
BNA\_F  
ClientSampleId :  
PB147324BS

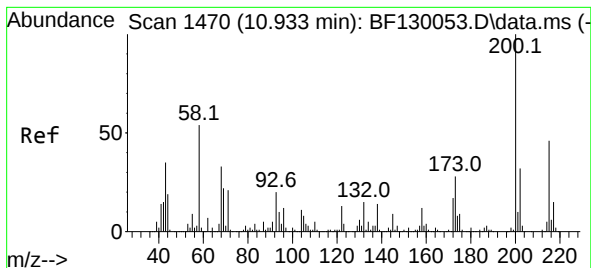
Tgt Ion:248 Resp: 424196  
Ion Ratio Lower Upper  
248 100  
250 96.8 77.8 116.6  
141 68.4 66.2 99.2



#68  
Hexachlorobenzene  
Concen: 41.719 ng  
RT: 10.833 min Scan# 1453  
Delta R.T. 0.000 min  
Lab File: BF130066.D  
Acq: 31 Aug 2022 23:18

Tgt Ion:284 Resp: 462787  
Ion Ratio Lower Upper  
284 100  
142 29.3 31.4 47.0#  
249 28.7 25.7 38.5





#69

Atrazine

Concen: 46.817 ng

RT: 10.939 min Scan# 1470

Delta R.T. 0.006 min

Lab File: BF130066.D

Acq: 31 Aug 2022 23:18

Instrument :

BNA\_F

ClientSampleId :

PB147324BS

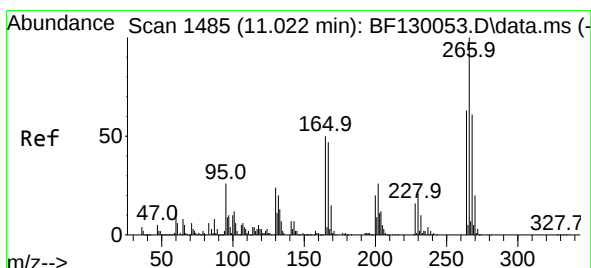
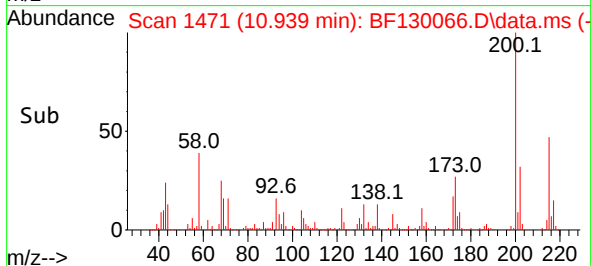
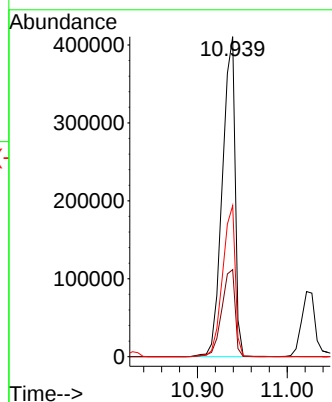
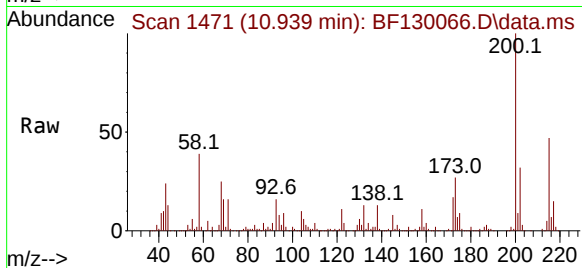
Tgt Ion:200 Resp: 405239

Ion Ratio Lower Upper

200 100

173 27.2 6.4 46.4

215 47.2 27.1 67.1



#70

Pentachlorophenol

Concen: 85.428 ng

RT: 11.027 min Scan# 1486

Delta R.T. 0.006 min

Lab File: BF130066.D

Acq: 31 Aug 2022 23:18

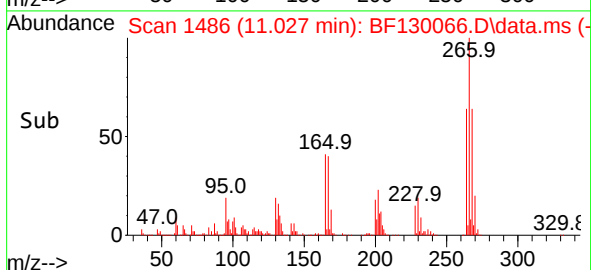
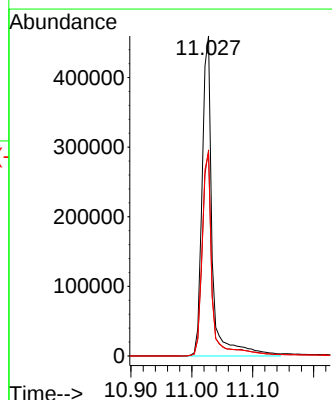
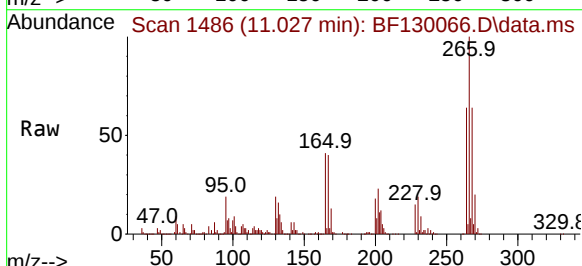
Tgt Ion:266 Resp: 529911

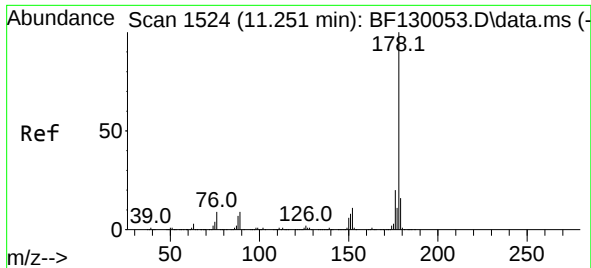
Ion Ratio Lower Upper

266 100

268 64.3 49.0 73.4

264 63.5 47.9 71.9

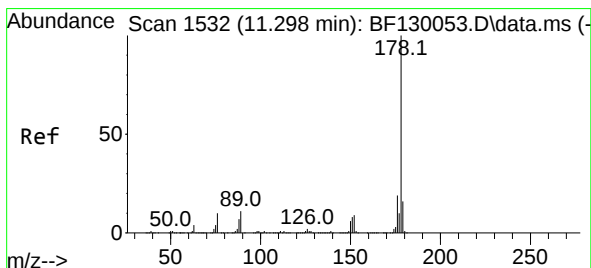
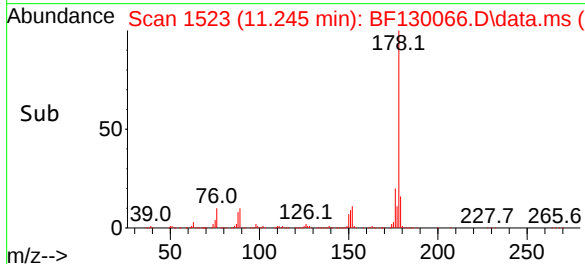
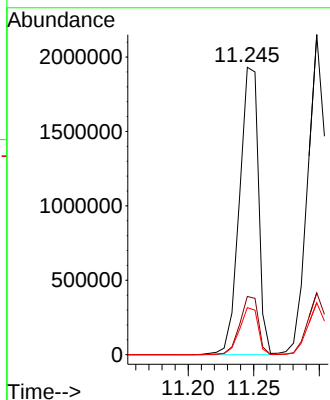
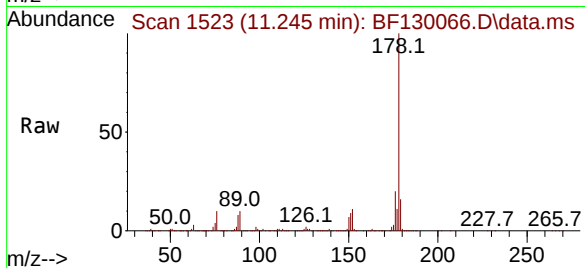




#71  
Phenanthrene  
Concen: 39.410 ng  
RT: 11.245 min Scan# 1523  
Delta R.T. -0.006 min  
Lab File: BF130066.D  
Acq: 31 Aug 2022 23:18

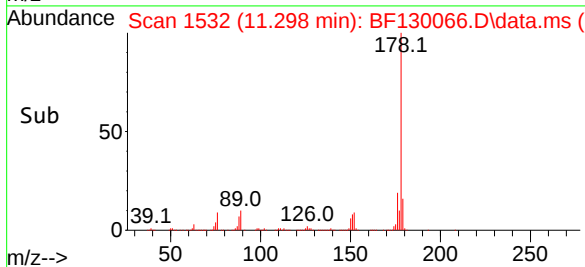
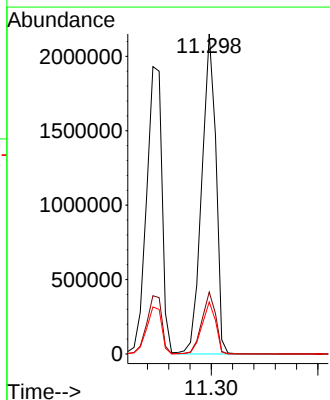
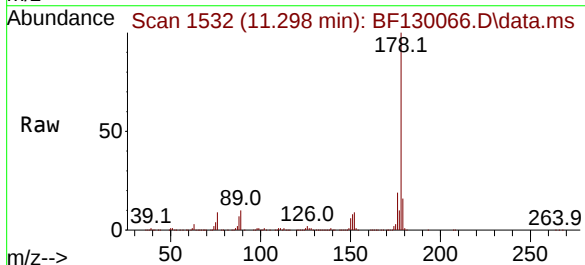
Instrument :  
BNA\_F  
ClientSampleId :  
PB147324BS

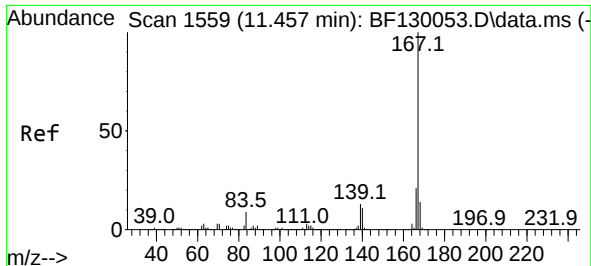
Tgt Ion:178 Resp: 1956155  
Ion Ratio Lower Upper  
178 100  
176 20.3 15.5 23.3  
179 16.4 12.5 18.7



#72  
Anthracene  
Concen: 40.692 ng  
RT: 11.298 min Scan# 1532  
Delta R.T. 0.000 min  
Lab File: BF130066.D  
Acq: 31 Aug 2022 23:18

Tgt Ion:178 Resp: 1985512  
Ion Ratio Lower Upper  
178 100  
176 19.3 15.1 22.7  
179 16.2 12.6 18.8

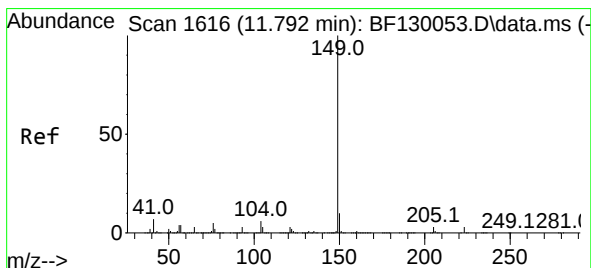
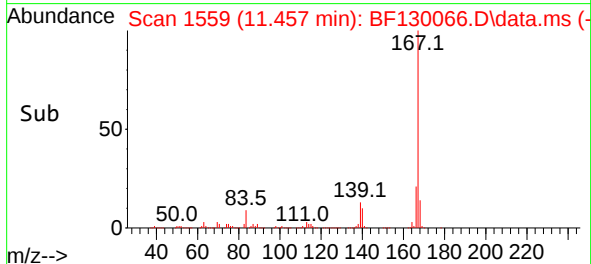
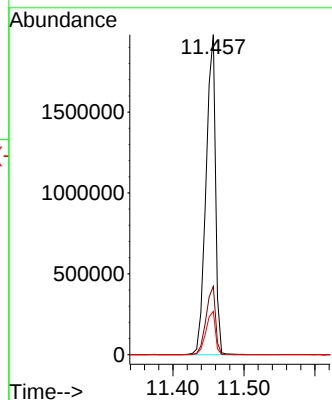
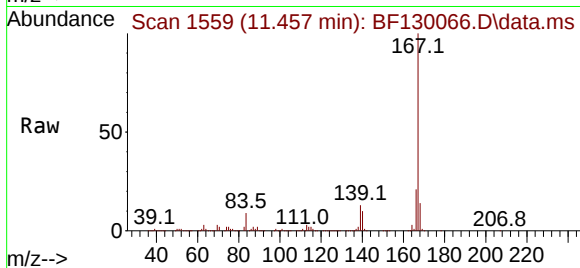




#73  
 Carbazole  
 Concen: 40.963 ng  
 RT: 11.457 min Scan# 1559  
 Delta R.T. 0.000 min  
 Lab File: BF130066.D  
 Acq: 31 Aug 2022 23:18

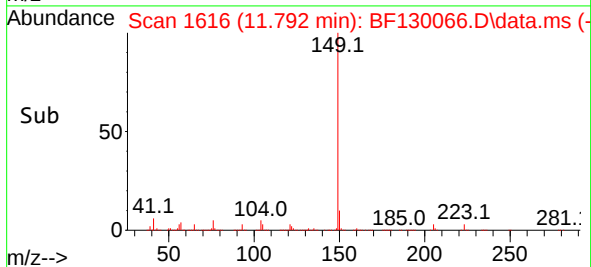
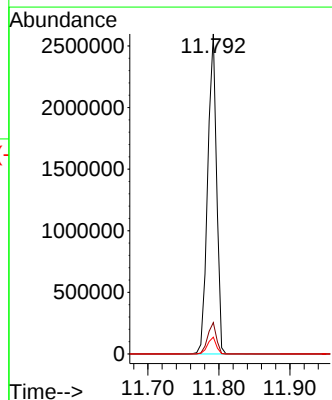
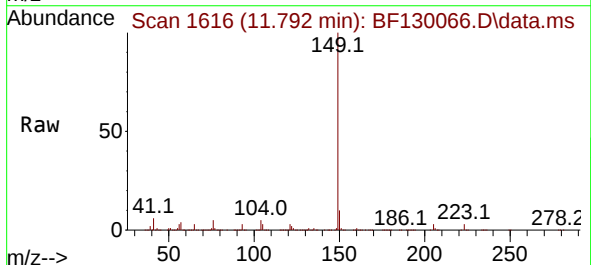
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB147324BS

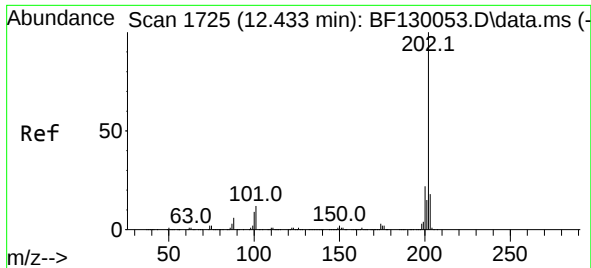
Tgt Ion:167 Resp: 1843132  
 Ion Ratio Lower Upper  
 167 100  
 166 21.3 17.1 25.7  
 139 13.5 11.0 16.6



#74  
 Di-n-butylphthalate  
 Concen: 41.763 ng  
 RT: 11.792 min Scan# 1616  
 Delta R.T. 0.000 min  
 Lab File: BF130066.D  
 Acq: 31 Aug 2022 23:18

Tgt Ion:149 Resp: 2265981  
 Ion Ratio Lower Upper  
 149 100  
 150 9.8 7.8 11.6  
 104 5.3 4.2 6.4

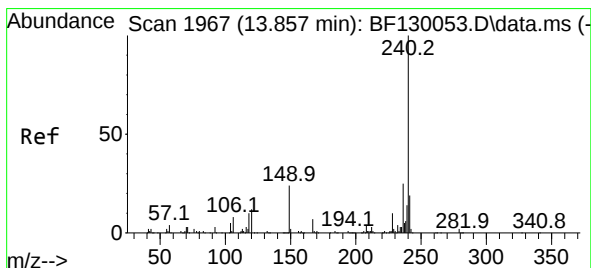
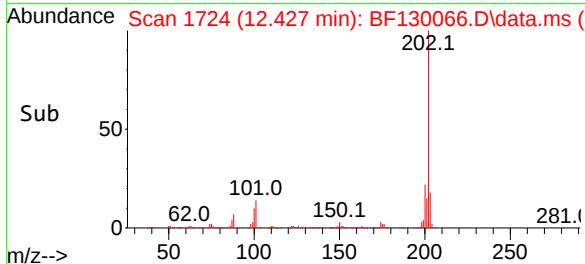
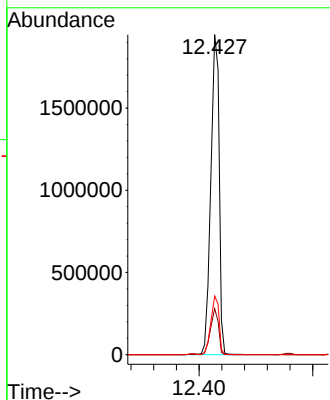
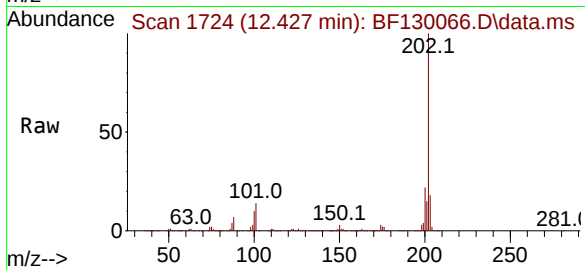




#75  
Fluoranthene  
Concen: 40.211 ng  
RT: 12.427 min Scan# 1725  
Delta R.T. -0.006 min  
Lab File: BF130066.D  
Acq: 31 Aug 2022 23:18

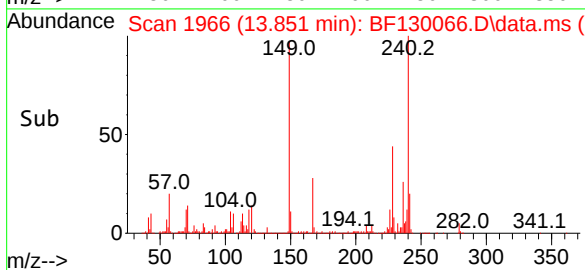
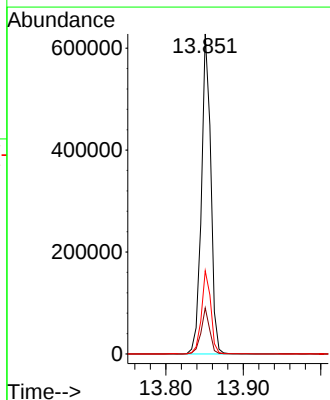
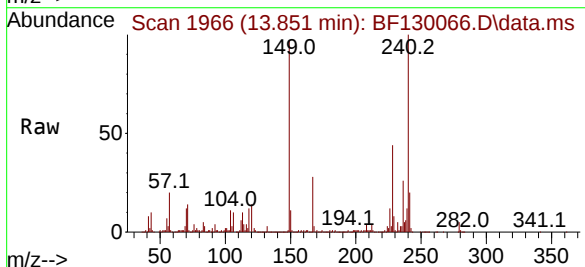
Instrument :  
BNA\_F  
ClientSampleId :  
PB147324BS

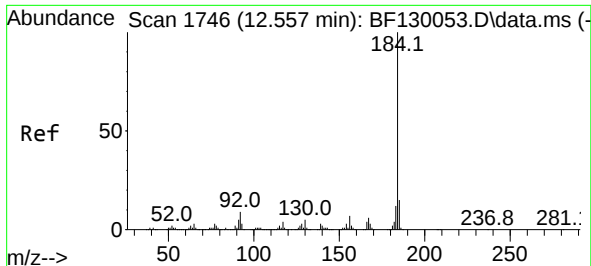
Tgt Ion:202 Resp: 1979200  
Ion Ratio Lower Upper  
202 100  
101 14.4 0.0 30.7  
203 18.3 0.0 37.5



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.851 min Scan# 1966  
Delta R.T. -0.006 min  
Lab File: BF130066.D  
Acq: 31 Aug 2022 23:18

Tgt Ion:240 Resp: 526901  
Ion Ratio Lower Upper  
240 100  
120 14.4 9.2 13.8#  
236 26.0 20.7 31.1

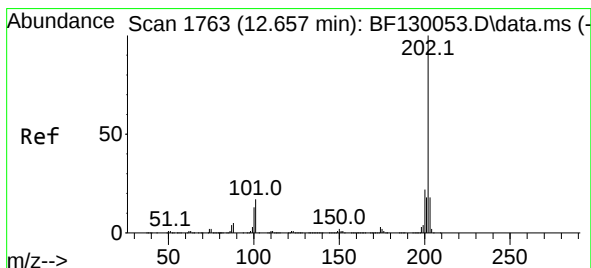
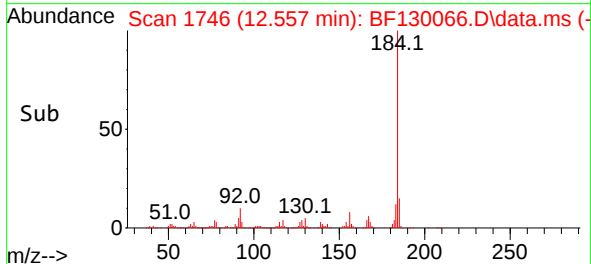
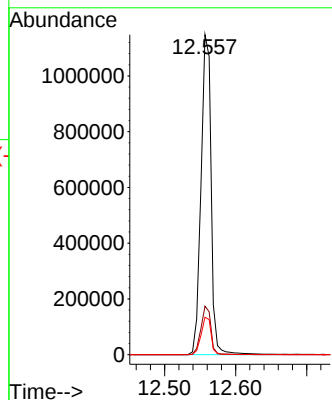
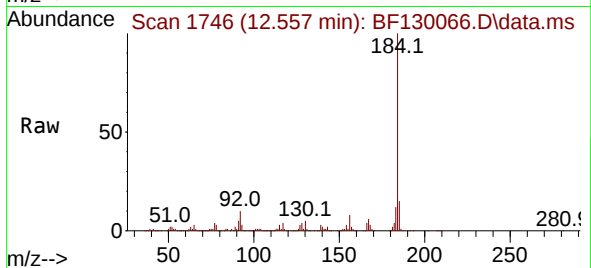




#77  
Benzidine  
Concen: 80.183 ng  
RT: 12.557 min Scan# 1746  
Delta R.T. 0.000 min  
Lab File: BF130066.D  
Acq: 31 Aug 2022 23:18

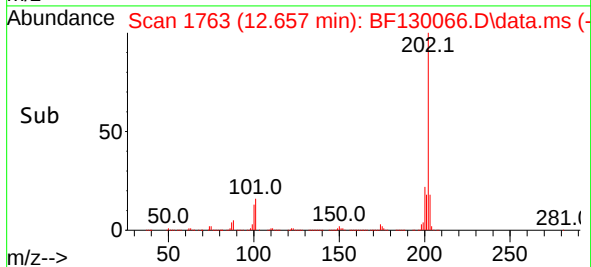
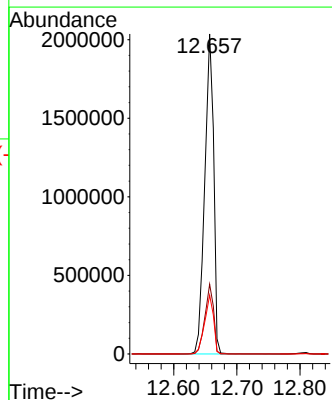
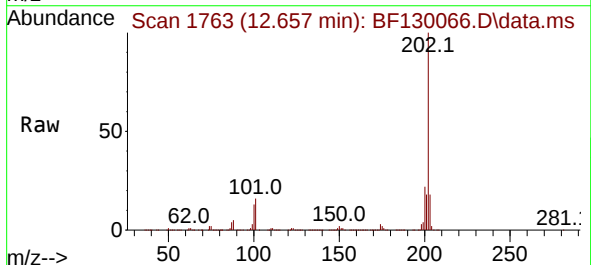
Instrument :  
BNA\_F  
ClientSampleId :  
PB147324BS

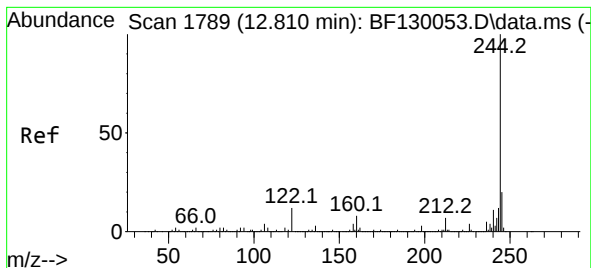
Tgt Ion:184 Resp: 1140665  
Ion Ratio Lower Upper  
184 100  
185 15.1 11.4 17.2  
183 11.7 9.4 14.2



#78  
Pyrene  
Concen: 42.247 ng  
RT: 12.657 min Scan# 1763  
Delta R.T. 0.000 min  
Lab File: BF130066.D  
Acq: 31 Aug 2022 23:18

Tgt Ion:202 Resp: 1996614  
Ion Ratio Lower Upper  
202 100  
200 21.8 17.0 25.6  
203 18.4 14.1 21.1





#79

Terphenyl-d14

Concen: 85.577 ng

RT: 12.810 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF130066.D

Acq: 31 Aug 2022 23:18

Instrument :

BNA\_F

ClientSampleId :

PB147324BS

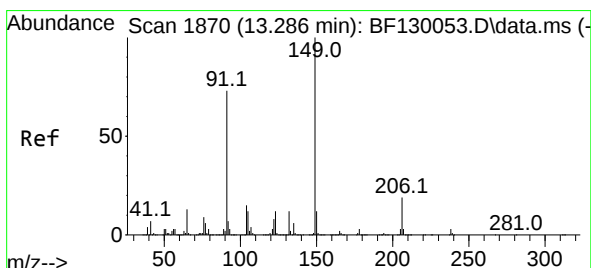
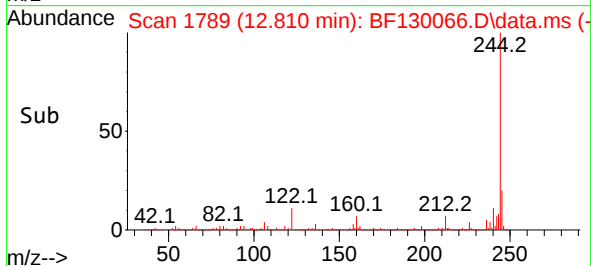
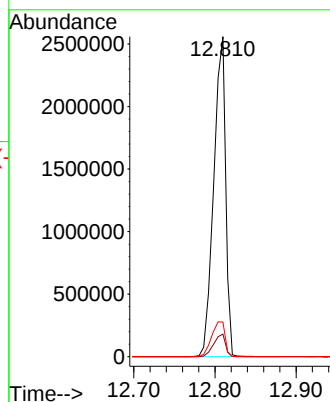
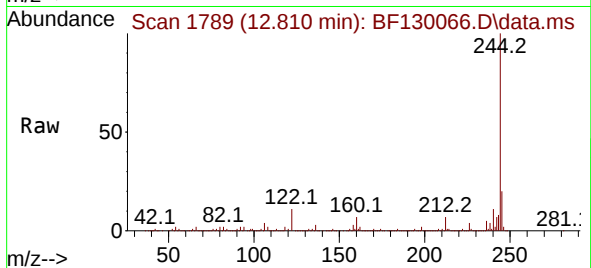
Tgt Ion:244 Resp: 2600200

Ion Ratio Lower Upper

244 100

212 7.1 5.9 8.9

122 10.8 9.9 14.9



#80

Butylbenzylphthalate

Concen: 48.013 ng

RT: 13.286 min Scan# 1870

Delta R.T. 0.000 min

Lab File: BF130066.D

Acq: 31 Aug 2022 23:18

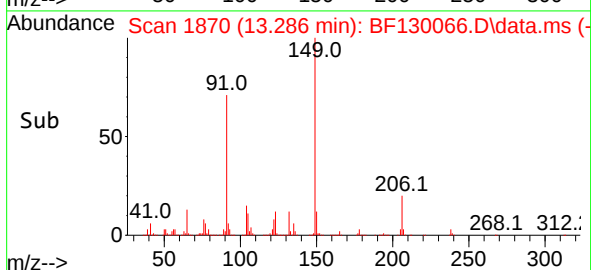
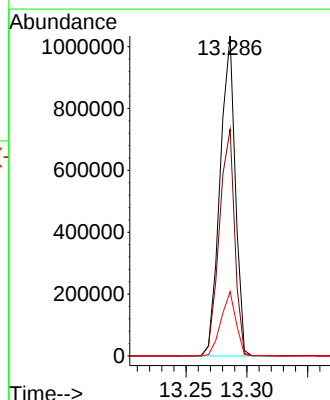
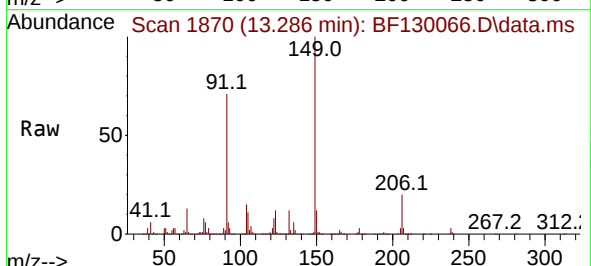
Tgt Ion:149 Resp: 902540

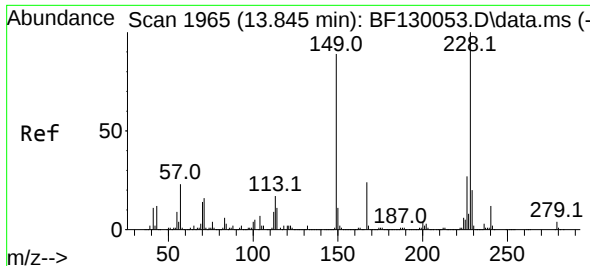
Ion Ratio Lower Upper

149 100

91 70.9 55.4 83.0

206 20.1 15.8 23.6

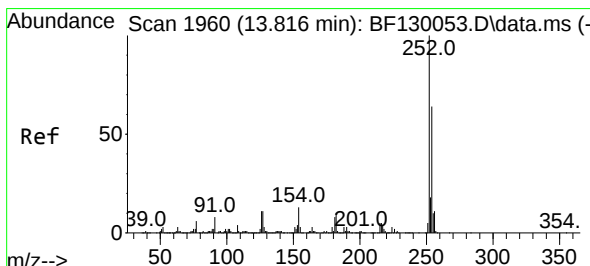
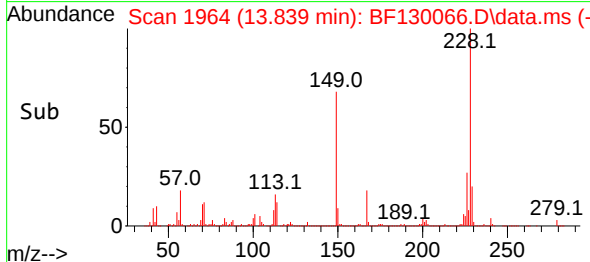
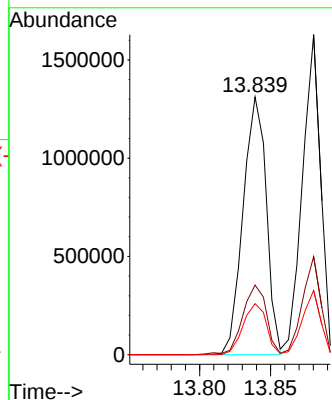
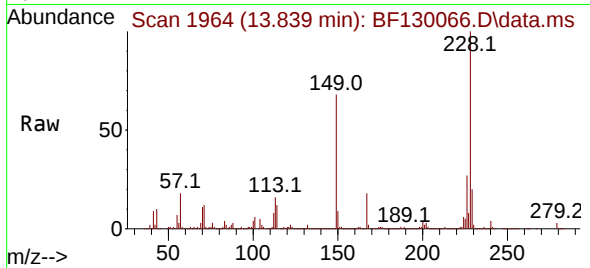




#81  
Benzo(a)anthracene  
Concen: 41.270 ng  
RT: 13.839 min Scan# 1964  
Delta R.T. -0.006 min  
Lab File: BF130066.D  
Acq: 31 Aug 2022 23:18

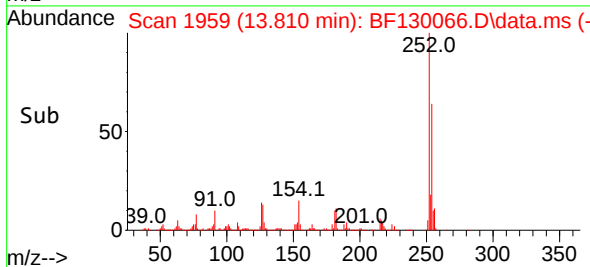
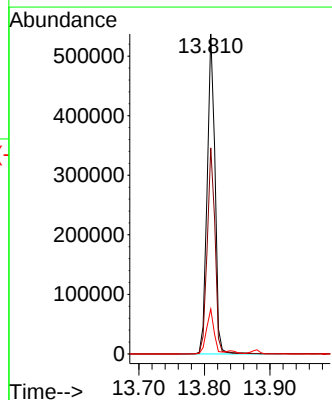
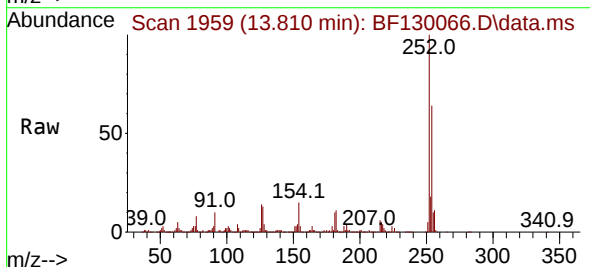
Instrument :  
BNA\_F  
ClientSampleId :  
PB147324BS

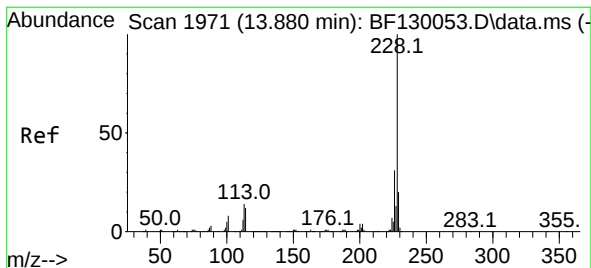
Tgt Ion:228 Resp: 1490217  
Ion Ratio Lower Upper  
228 100  
226 27.0 21.4 32.0  
229 19.8 16.1 24.1



#82  
3,3'-Dichlorobenzidine  
Concen: 39.717 ng  
RT: 13.810 min Scan# 1959  
Delta R.T. -0.006 min  
Lab File: BF130066.D  
Acq: 31 Aug 2022 23:18

Tgt Ion:252 Resp: 447230  
Ion Ratio Lower Upper  
252 100  
254 64.4 51.4 77.2  
126 14.0 10.2 15.4





#83

Chrysene

Concen: 40.857 ng

RT: 13.880 min Scan# 1971

Delta R.T. 0.000 min

Lab File: BF130066.D

Acq: 31 Aug 2022 23:18

Instrument :

BNA\_F

ClientSampleId :

PB147324BS

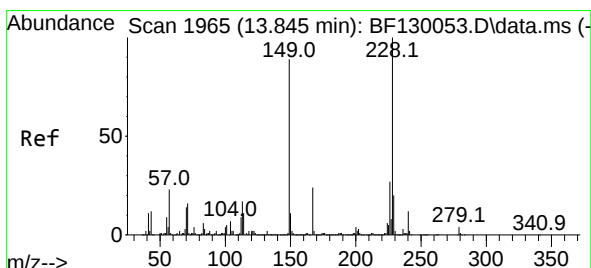
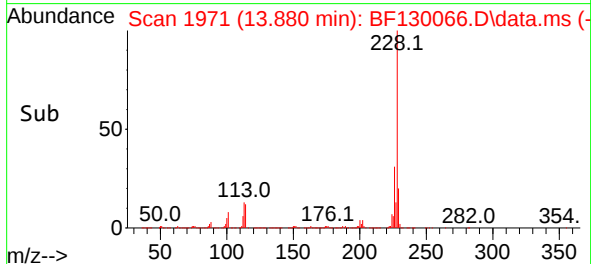
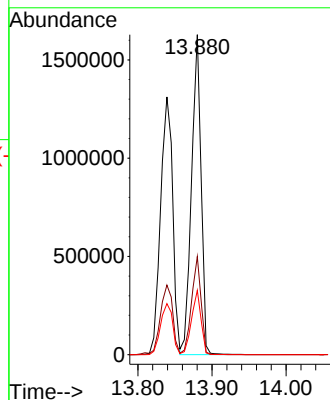
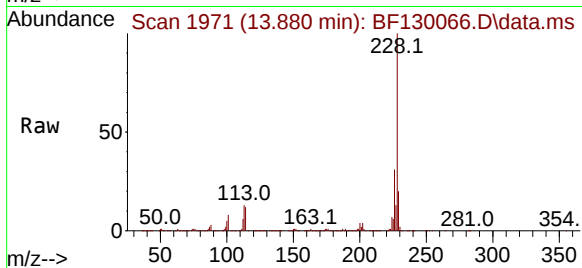
Tgt Ion:228 Resp: 1454501

Ion Ratio Lower Upper

228 100

226 30.7 24.4 36.6

229 20.1 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.509 ng

RT: 13.845 min Scan# 1965

Delta R.T. 0.000 min

Lab File: BF130066.D

Acq: 31 Aug 2022 23:18

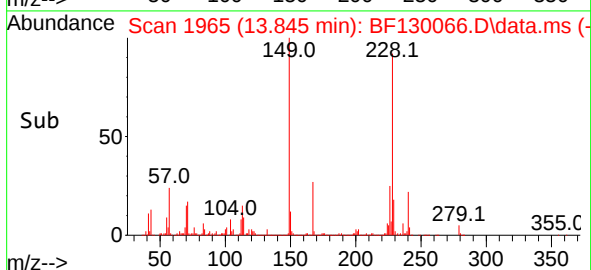
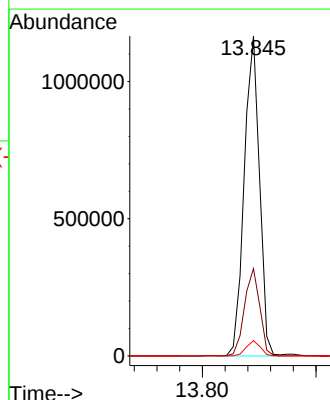
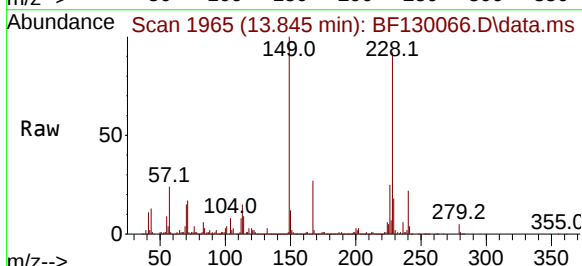
Tgt Ion:149 Resp: 1086725

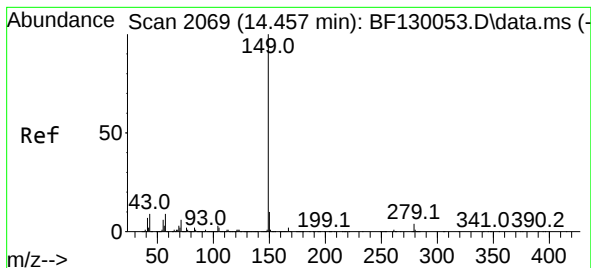
Ion Ratio Lower Upper

149 100

167 27.3 22.0 33.0

279 4.8 3.6 5.4





#85

Di-n-octyl phthalate

Concen: 49.187 ng

RT: 14.457 min Scan# 2069

Delta R.T. 0.000 min

Lab File: BF130066.D

Acq: 31 Aug 2022 23:18

Instrument :

BNA\_F

ClientSampleId :

PB147324BS

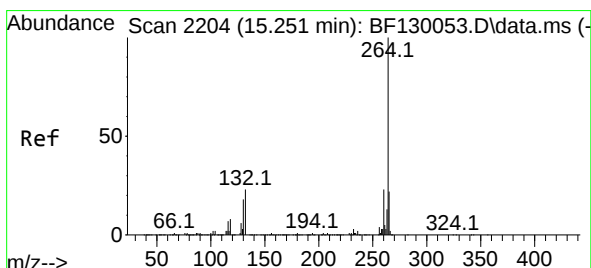
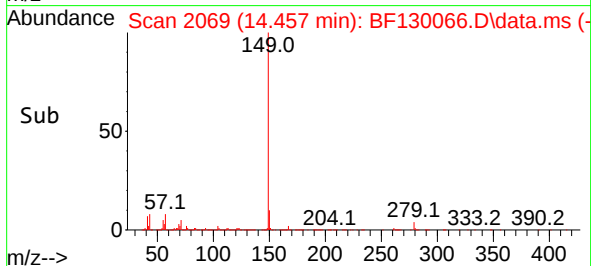
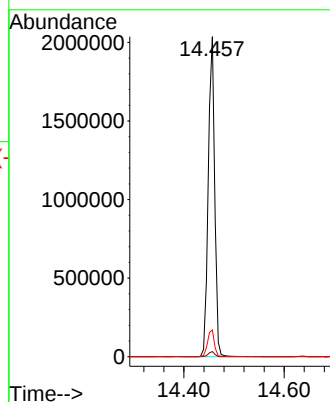
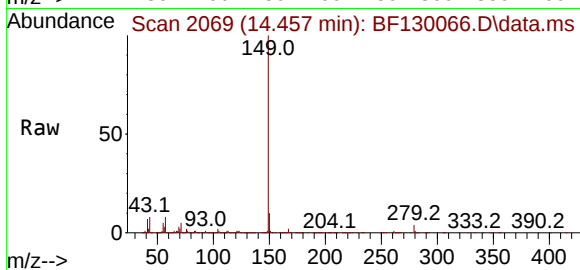
Tgt Ion:149 Resp: 1815445

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 8.7 7.8 11.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.251 min Scan# 2204

Delta R.T. 0.000 min

Lab File: BF130066.D

Acq: 31 Aug 2022 23:18

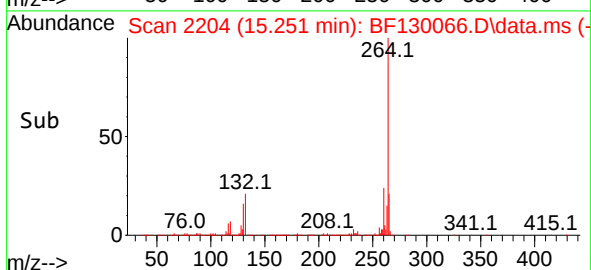
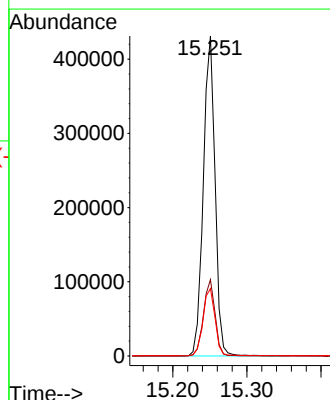
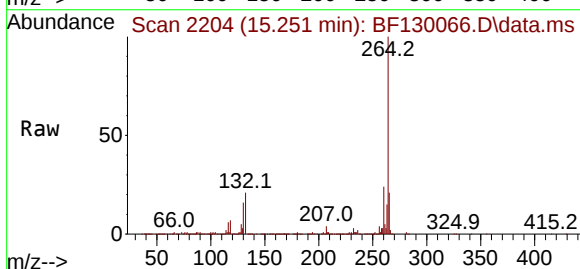
Tgt Ion:264 Resp: 476960

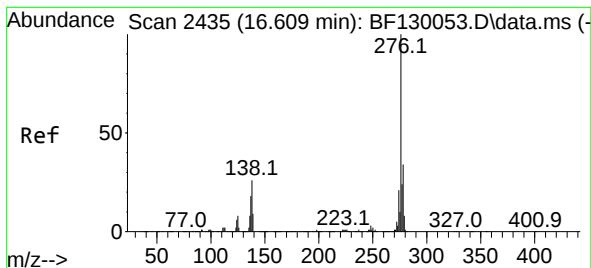
Ion Ratio Lower Upper

264 100

260 23.8 19.1 28.7

265 21.1 16.7 25.1





#87

Indeno(1,2,3-cd)pyrene

Concen: 42.137 ng

RT: 16.604 min Scan# 2435

Delta R.T. -0.006 min

Lab File: BF130066.D

Acq: 31 Aug 2022 23:18

Instrument :

BNA\_F

ClientSampleId :

PB147324BS

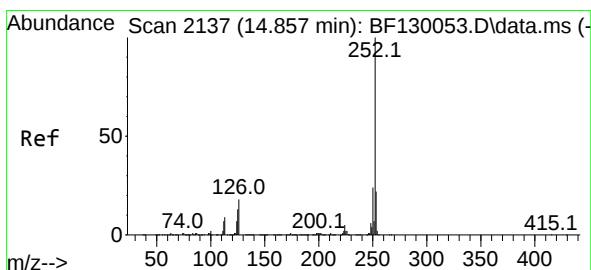
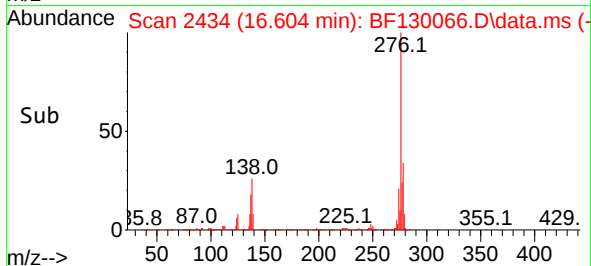
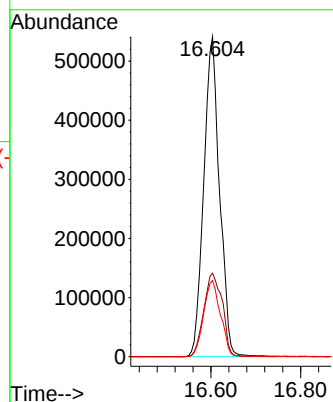
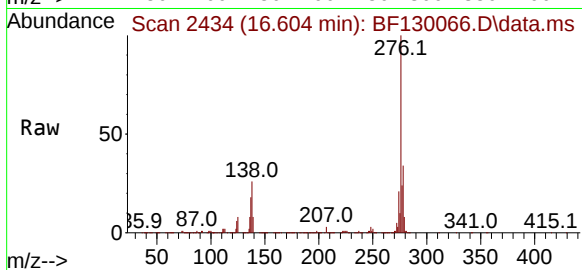
Tgt Ion:276 Resp: 1325745

Ion Ratio Lower Upper

276 100

138 30.4 19.8 29.8#

277 25.4 20.4 30.6



#88

Benzo(b)fluoranthene

Concen: 43.622 ng

RT: 14.857 min Scan# 2137

Delta R.T. 0.000 min

Lab File: BF130066.D

Acq: 31 Aug 2022 23:18

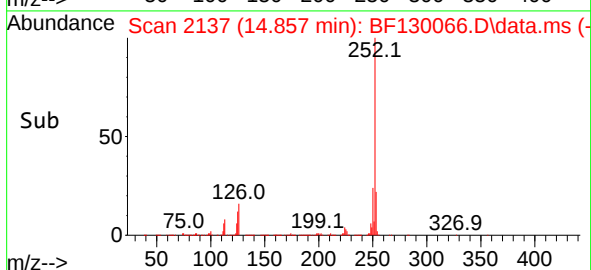
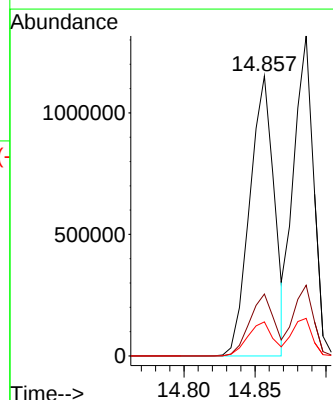
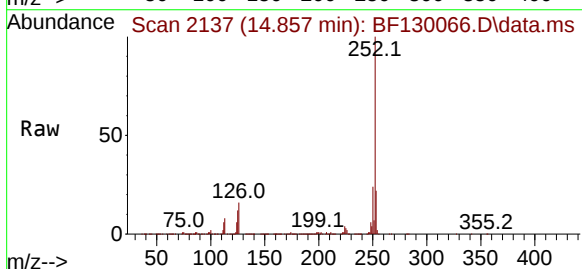
Tgt Ion:252 Resp: 1387473

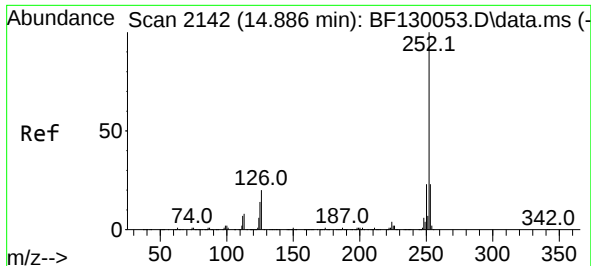
Ion Ratio Lower Upper

252 100

253 22.1 17.5 26.3

125 12.2 8.3 12.5





#89

Benzo(k)fluoranthene

Concen: 42.002 ng

RT: 14.886 min Scan# 2142

Delta R.T. 0.000 min

Lab File: BF130066.D

Acq: 31 Aug 2022 23:18

Instrument :

BNA\_F

ClientSampleId :

PB147324BS

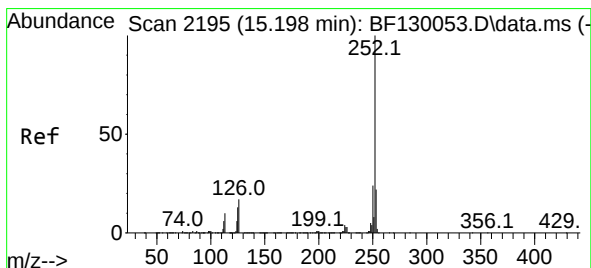
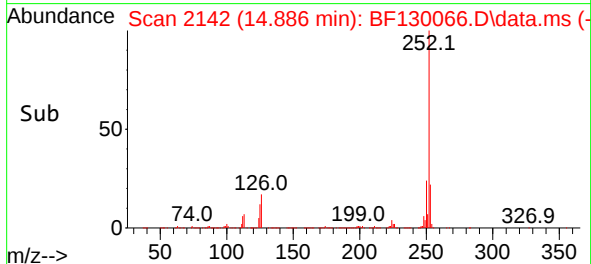
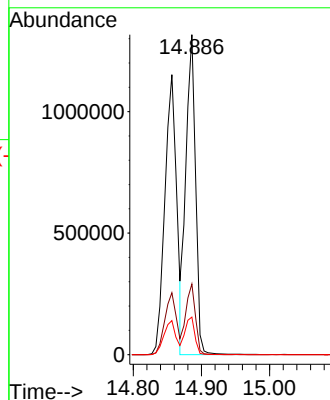
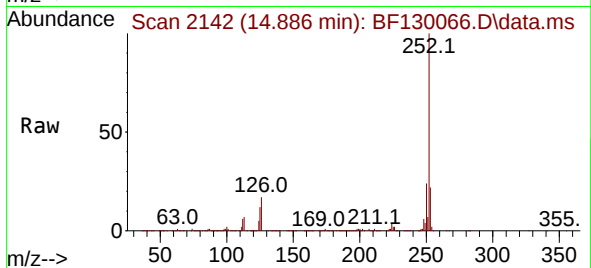
Tgt Ion:252 Resp: 1292052

Ion Ratio Lower Upper

252 100

253 22.1 17.1 25.7

125 11.8 8.3 12.5



#90

Benzo(a)pyrene

Concen: 45.743 ng

RT: 15.198 min Scan# 2195

Delta R.T. 0.000 min

Lab File: BF130066.D

Acq: 31 Aug 2022 23:18

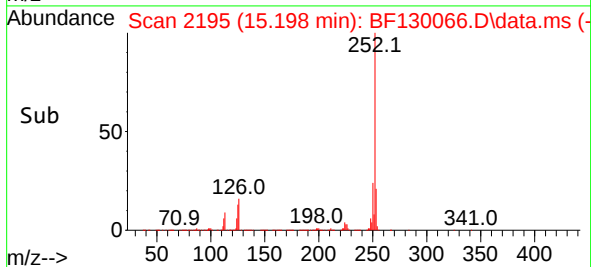
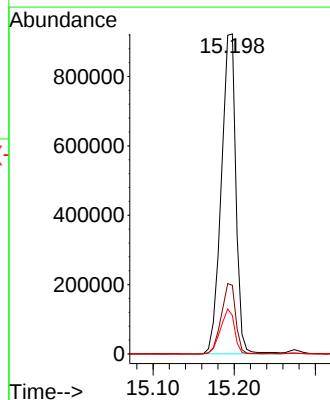
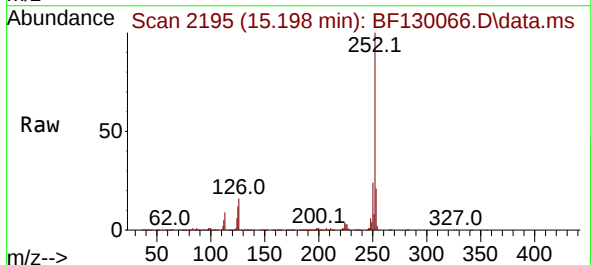
Tgt Ion:252 Resp: 1156102

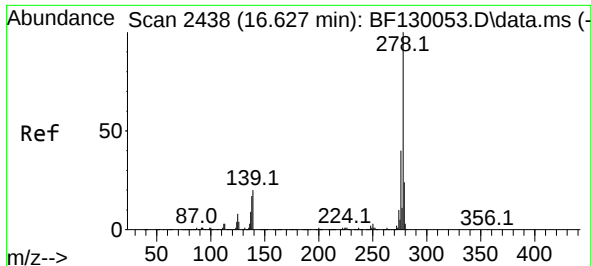
Ion Ratio Lower Upper

252 100

253 21.5 17.2 25.8

125 12.0 8.8 13.2





#91

Dibenzo(a,h)anthracene

Concen: 44.506 ng

RT: 16.627 min Scan# 24

Delta R.T. -0.000 min

Lab File: BF130066.D

Acq: 31 Aug 2022 23:18

Instrument :

BNA\_F

ClientSampleId :

PB147324BS

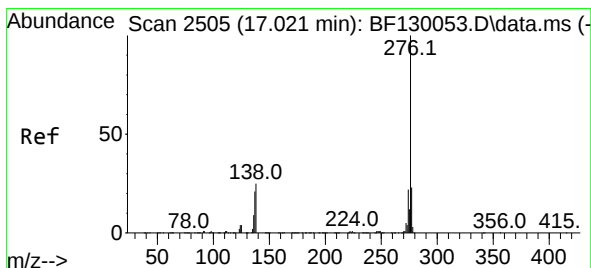
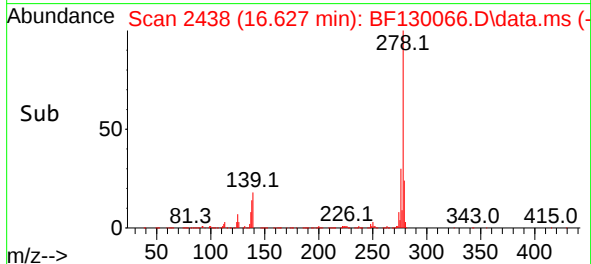
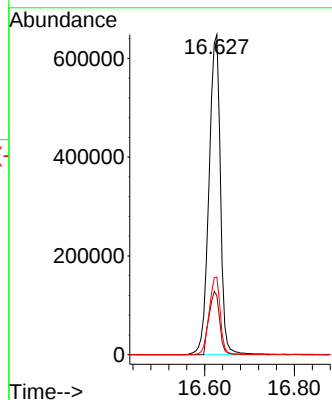
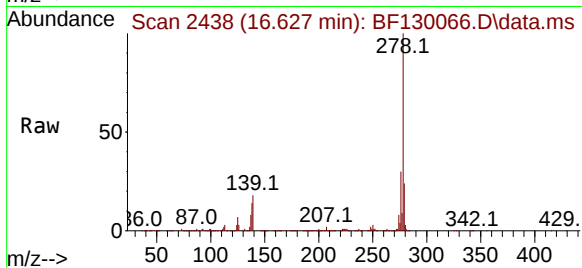
Tgt Ion:278 Resp: 1145789

Ion Ratio Lower Upper

278 100

139 18.5 12.2 18.4#

279 24.2 18.7 28.1



#92

Benzo(g,h,i)perylene

Concen: 43.718 ng

RT: 17.015 min Scan# 2504

Delta R.T. -0.006 min

Lab File: BF130066.D

Acq: 31 Aug 2022 23:18

Tgt Ion:276 Resp: 1126066

Ion Ratio Lower Upper

276 100

277 24.0 18.2 27.4

138 25.7 15.8 23.8#

