

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF103122\  
 Data File : BF130876.D  
 Acq On : 31 Oct 2022 13:05  
 Operator : CG\JU  
 Sample : PB148592BS  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB148592BS

Quant Time: Nov 01 02:26:05 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF102722.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Oct 29 05:41:34 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.945  | 152  | 97051    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.228  | 136  | 367061   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.992  | 164  | 198102   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.486 | 188  | 364063   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 14.133 | 240  | 235172   | 20.000  | ng    | # 0.00   |
| 86) Perylene-d12              | 15.651 | 264  | 164020   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.569  | 112  | 715619   | 127.830 | ng    | 0.01     |
| 7) Phenol-d6                  | 6.569  | 99   | 911628   | 125.312 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.510  | 82   | 601433   | 98.800  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.786 | 330  | 263641   | 158.094 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.310  | 172  | 1079027  | 82.350  | ng    | 0.00     |
| 79) Terphenyl-d14             | 13.074 | 244  | 1229073  | 95.769  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.863  | 88   | 87793    | 34.978  | ng    | 89       |
| 3) Pyridine                   | 3.616  | 79   | 244403   | 34.765  | ng    | 97       |
| 4) n-Nitrosodimethylamine     | 3.581  | 42   | 182973   | 46.362  | ng    | 95       |
| 6) Aniline                    | 6.604  | 93   | 339970   | 37.793  | ng    | 98       |
| 8) 2-Chlorophenol             | 6.728  | 128  | 284476   | 45.616  | ng    | 98       |
| 9) Benzaldehyde               | 6.493  | 77   | 68980    | 14.815  | ng    | 98       |
| 10) Phenol                    | 6.581  | 94   | 335578   | 42.866  | ng    | 96       |
| 11) bis(2-Chloroethyl)ether   | 6.681  | 93   | 267557   | 43.842  | ng    | 98       |
| 12) 1,3-Dichlorobenzene       | 6.887  | 146  | 302581   | 42.818  | ng    | 99       |
| 13) 1,4-Dichlorobenzene       | 6.963  | 146  | 305971   | 42.656  | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 7.116  | 146  | 292743   | 44.067  | ng    | 99       |
| 15) Benzyl Alcohol            | 7.087  | 79   | 242433   | 39.191  | ng    | 99       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.216  | 45   | 468869   | 43.102  | ng    | 96       |
| 17) 2-Methylphenol            | 7.193  | 107  | 225362   | 42.280  | ng    | 97       |
| 18) Hexachloroethane          | 7.457  | 117  | 117258   | 45.231  | ng    | 98       |
| 19) n-Nitroso-di-n-propyla... | 7.357  | 70   | 208340   | 42.091  | ng    | 98       |
| 20) 3+4-Methylphenols         | 7.345  | 107  | 281302   | 40.590  | ng    | # 79     |
| 22) Acetophenone              | 7.357  | 105  | 398711   | 44.801  | ng    | 96       |
| 24) Nitrobenzene              | 7.528  | 77   | 320337   | 48.125  | ng    | 100      |
| 25) Isophorone                | 7.769  | 82   | 565061   | 45.014  | ng    | 99       |
| 26) 2-Nitrophenol             | 7.845  | 139  | 138759   | 52.458  | ng    | 95       |
| 27) 2,4-Dimethylphenol        | 7.875  | 122  | 254593   | 48.733  | ng    | 99       |
| 28) bis(2-Chloroethoxy)met... | 7.975  | 93   | 323904   | 46.202  | ng    | 98       |
| 29) 2,4-Dichlorophenol        | 8.081  | 162  | 234027   | 43.546  | ng    | 100      |
| 30) 1,2,4-Trichlorobenzene    | 8.169  | 180  | 240326   | 41.586  | ng    | 95       |
| 31) Naphthalene               | 8.251  | 128  | 793354   | 41.427  | ng    | 100      |
| 32) Benzoic acid              | 7.998  | 122  | 154822   | 42.707  | ng    | 92       |
| 33) 4-Chloroaniline           | 8.298  | 127  | 273406   | 36.129  | ng    | 100      |
| 34) Hexachlorobutadiene       | 8.363  | 225  | 164890   | 42.982  | ng    | 99       |
| 35) Caprolactam               | 8.675  | 113  | 39966    | 23.206  | ng    | 99       |
| 36) 4-Chloro-3-methylphenol   | 8.781  | 107  | 262836   | 45.087  | ng    | 99       |
| 37) 2-Methylnaphthalene       | 8.945  | 142  | 501535   | 41.634  | ng    | 100      |
| 38) 1-Methylnaphthalene       | 9.045  | 142  | 481123   | 41.040  | ng    | 100      |
| 40) 1,2,4,5-Tetrachloroben... | 9.110  | 216  | 258916   | 46.088  | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 9.092  | 237  | 322800   | 109.359 | ng    | 98       |
| 43) 2,4,6-Trichlorophenol     | 9.222  | 196  | 175586   | 44.980  | ng    | 99       |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF103122\  
 Data File : BF130876.D  
 Acq On : 31 Oct 2022 13:05  
 Operator : CG\JU  
 Sample : PB148592BS  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

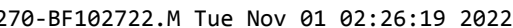
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB148592BS

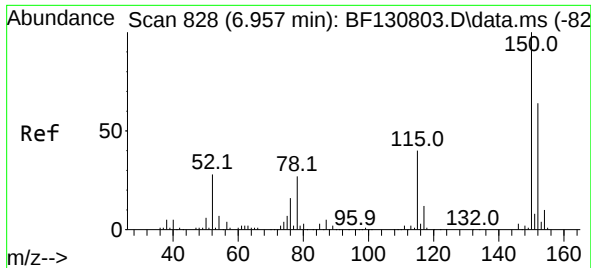
Quant Time: Nov 01 02:26:05 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF102722.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Oct 29 05:41:34 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.263  | 196  | 185090   | 44.380  | ng    | 99       |
| 46) 1,1'-Biphenyl             | 9.410  | 154  | 632302   | 44.800  | ng    | 99       |
| 47) 2-Chloronaphthalene       | 9.439  | 162  | 488654   | 43.178  | ng    | 97       |
| 48) 2-Nitroaniline            | 9.534  | 65   | 182508   | 49.966  | ng    | 99       |
| 49) Acenaphthylene            | 9.857  | 152  | 757088   | 42.333  | ng    | 99       |
| 50) Dimethylphthalate         | 9.716  | 163  | 576043   | 42.335  | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 9.775  | 165  | 126569   | 48.879  | ng    | 95       |
| 52) Acenaphthene              | 10.028 | 154  | 476314   | 43.071  | ng    | 97       |
| 53) 3-Nitroaniline            | 9.945  | 138  | 110561   | 41.717  | ng    | # 94     |
| 54) 2,4-Dinitrophenol         | 10.051 | 184  | 133019   | 97.358  | ng    | 93       |
| 55) Dibenzofuran              | 10.204 | 168  | 681987   | 42.546  | ng    | 98       |
| 56) 4-Nitrophenol             | 10.104 | 139  | 211471   | 100.773 | ng    | 97       |
| 57) 2,4-Dinitrotoluene        | 10.181 | 165  | 168807   | 51.639  | ng    | 88       |
| 58) Fluorene                  | 10.545 | 166  | 540695   | 42.838  | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol | 10.316 | 232  | 151878   | 44.170  | ng    | 97       |
| 60) Diethylphthalate          | 10.416 | 149  | 573783   | 42.878  | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 10.533 | 204  | 260414   | 43.128  | ng    | 96       |
| 62) 4-Nitroaniline            | 10.569 | 138  | 135930   | 50.651  | ng    | 96       |
| 63) Azobenzene                | 10.698 | 77   | 582323   | 41.687  | ng    | 98       |
| 65) 4,6-Dinitro-2-methylph... | 10.592 | 198  | 84990    | 54.561  | ng    | 83       |
| 66) n-Nitrosodiphenylamine    | 10.657 | 169  | 493841   | 43.488  | ng    | 100      |
| 67) 4-Bromophenyl-phenylether | 11.028 | 248  | 168211   | 45.944  | ng    | 95       |
| 68) Hexachlorobenzene         | 11.092 | 284  | 183219   | 45.420  | ng    | 96       |
| 69) Atrazine                  | 11.181 | 200  | 159737   | 48.709  | ng    | 99       |
| 70) Pentachlorophenol         | 11.286 | 266  | 199171   | 86.526  | ng    | 97       |
| 71) Phenanthrene              | 11.516 | 178  | 819407   | 43.608  | ng    | 100      |
| 72) Anthracene                | 11.563 | 178  | 826625   | 44.601  | ng    | 100      |
| 73) Carbazole                 | 11.716 | 167  | 744250   | 44.841  | ng    | 99       |
| 74) Di-n-butylphthalate       | 12.045 | 149  | 874769   | 43.397  | ng    | 99       |
| 75) Fluoranthene              | 12.704 | 202  | 875205   | 43.838  | ng    | 99       |
| 77) Benzidine                 | 12.822 | 184  | 363747   | 63.717  | ng    | 99       |
| 78) Pyrene                    | 12.933 | 202  | 885693   | 44.640  | ng    | 99       |
| 80) Butylbenzylphthalate      | 13.551 | 149  | 347719   | 48.712  | ng    | 91       |
| 81) Benzo(a)anthracene        | 14.121 | 228  | 682581   | 43.778  | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine    | 14.086 | 252  | 192985   | 45.859  | ng    | 95       |
| 83) Chrysene                  | 14.163 | 228  | 620675   | 41.269  | ng    | 100      |
| 84) Bis(2-ethylhexyl)phtha... | 14.104 | 149  | 427735   | 49.837  | ng    | 98       |
| 85) Di-n-octyl phthalate      | 14.727 | 149  | 563390   | 47.562  | ng    | 100      |
| 87) Indeno(1,2,3-cd)pyrene    | 17.204 | 276  | 515845   | 47.359  | ng    | 98       |
| 88) Benzo(b)fluoranthene      | 15.198 | 252  | 506124   | 47.735  | ng    | 98       |
| 89) Benzo(k)fluoranthene      | 15.233 | 252  | 474289   | 45.907  | ng    | 99       |
| 90) Benzo(a)pyrene            | 15.586 | 252  | 423591   | 49.698  | ng    | 98       |
| 91) Dibenzo(a,h)anthracene    | 17.227 | 278  | 440119   | 49.567  | ng    | 98       |
| 92) Benzo(g,h,i)perylene      | 17.680 | 276  | 449412   | 49.611  | ng    | 98       |

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

Quant Time: Nov 01 02:26:05 2022  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF102722.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Sat Oct 29 05:41:34 2022  
Response via : Initial Calibration

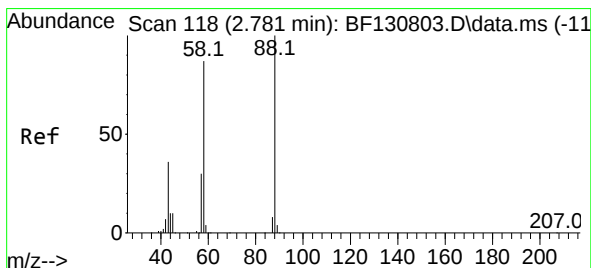
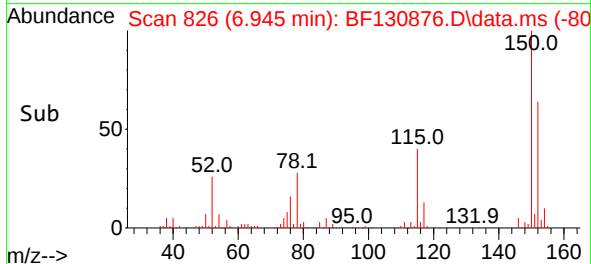
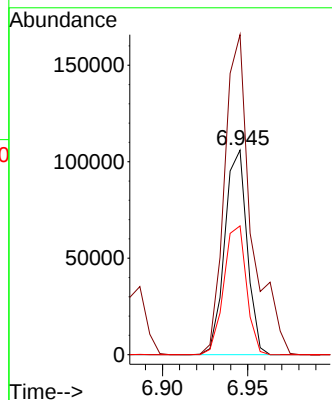
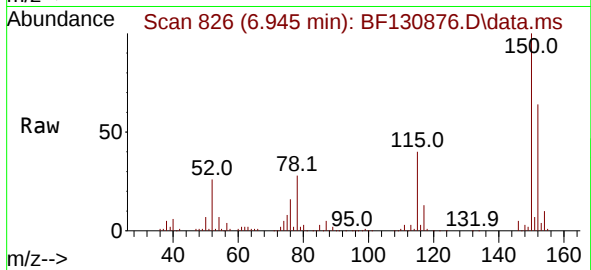




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.945 min Scan# 81  
 Delta R.T. 0.000 min  
 Lab File: BF130876.D  
 Acq: 31 Oct 2022 13:05

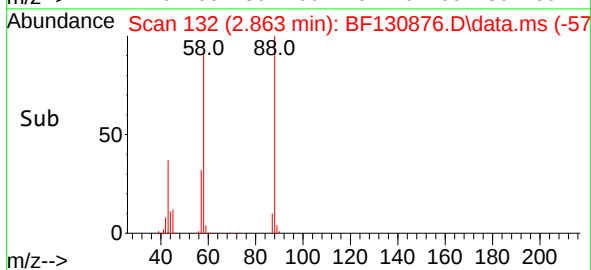
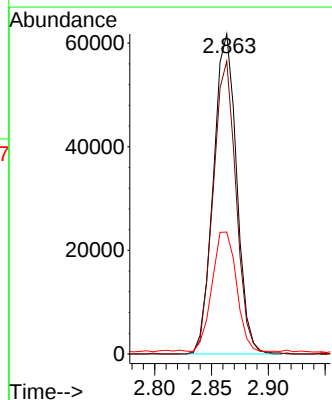
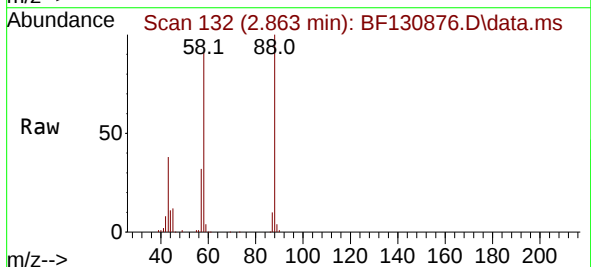
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB148592BS

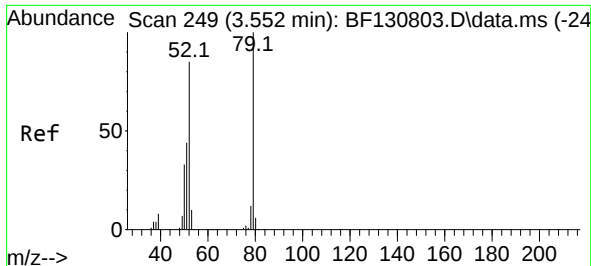
Tgt Ion:152 Resp: 97051  
 Ion Ratio Lower Upper  
 152 100  
 150 156.5 124.1 186.1  
 115 63.0 50.1 75.1



#2  
 1,4-Dioxane  
 Concen: 34.978 ng  
 RT: 2.863 min Scan# 132  
 Delta R.T. 0.088 min  
 Lab File: BF130876.D  
 Acq: 31 Oct 2022 13:05

Tgt Ion: 88 Resp: 87793  
 Ion Ratio Lower Upper  
 88 100  
 58 90.5 64.7 97.1  
 43 39.5 26.5 39.7

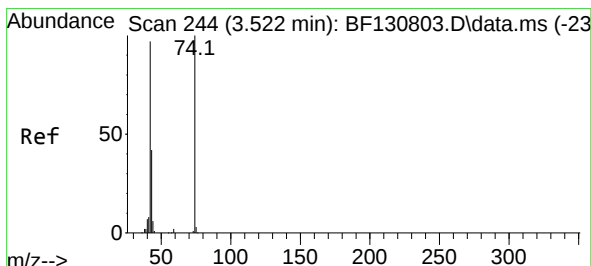
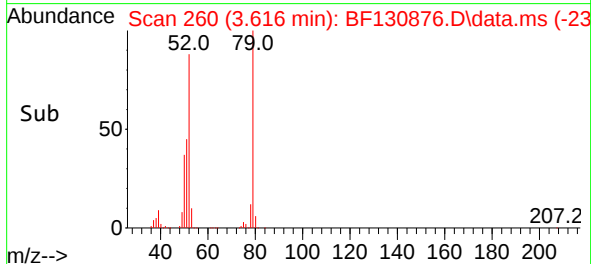
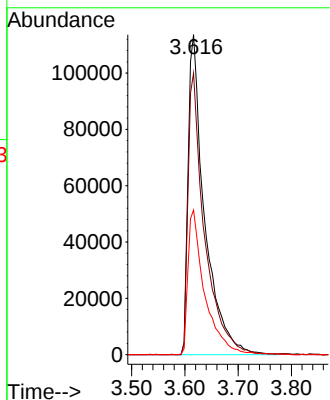
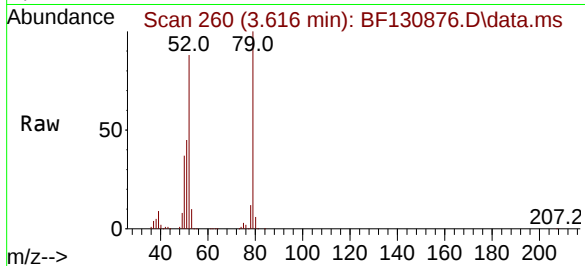




#3  
Pyridine  
Concen: 34.765 ng  
RT: 3.616 min Scan# 20  
Delta R.T. 0.071 min  
Lab File: BF130876.D  
Acq: 31 Oct 2022 13:05

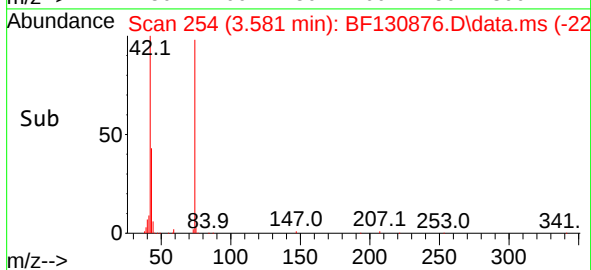
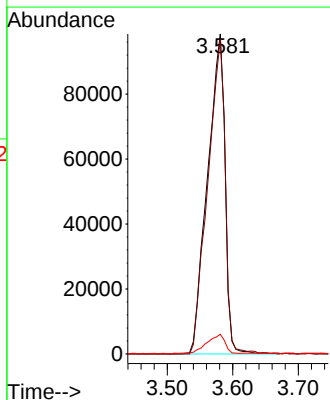
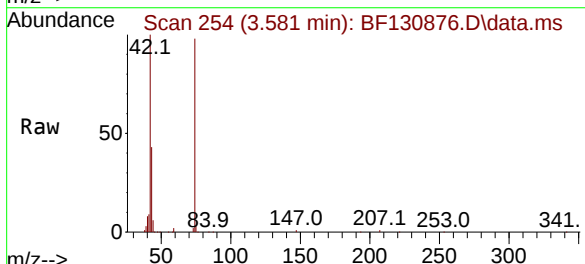
Instrument :  
BNA\_F  
ClientSampleId :  
PB148592BS

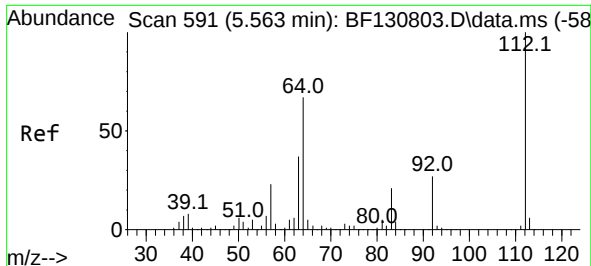
Tgt Ion: 79 Resp: 244403  
Ion Ratio Lower Upper  
79 100  
52 88.0 68.2 102.4  
51 45.2 35.2 52.8



#4  
n-Nitrosodimethylamine  
Concen: 46.362 ng  
RT: 3.581 min Scan# 254  
Delta R.T. 0.065 min  
Lab File: BF130876.D  
Acq: 31 Oct 2022 13:05

Tgt Ion: 42 Resp: 182973  
Ion Ratio Lower Upper  
42 100  
74 98.4 82.8 124.2  
44 6.1 6.0 9.0

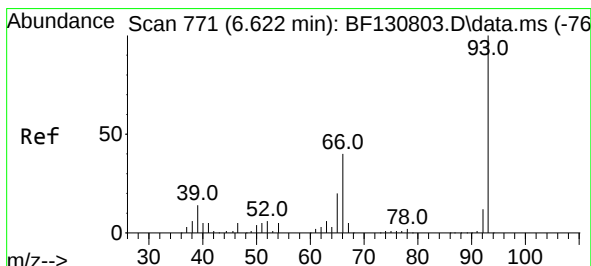
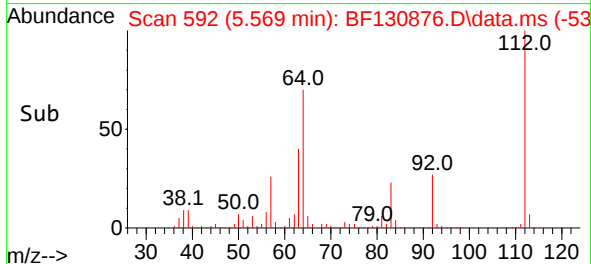
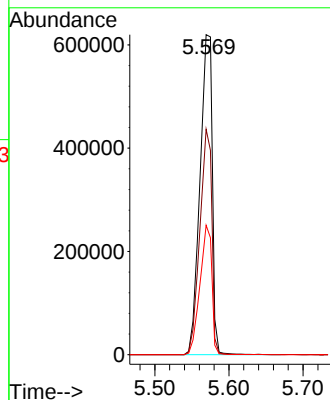
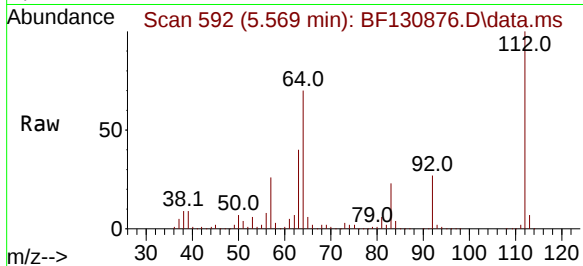




#5  
2-Fluorophenol  
Concen: 127.830 ng  
RT: 5.569 min Scan# 591  
Delta R.T. 0.012 min  
Lab File: BF130876.D  
Acq: 31 Oct 2022 13:05

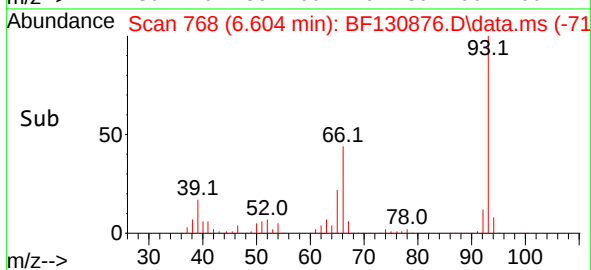
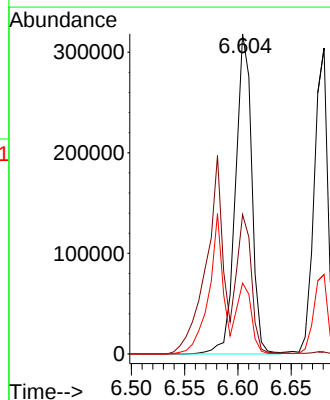
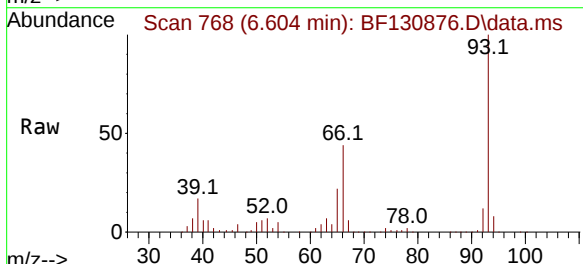
Instrument :  
BNA\_F  
ClientSampleId :  
PB148592BS

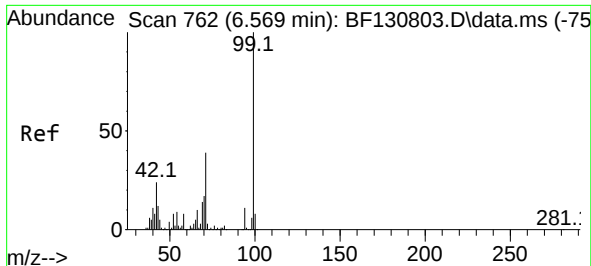
Tgt Ion:112 Resp: 715619  
Ion Ratio Lower Upper  
112 100  
64 70.5 53.9 80.9  
63 40.5 29.4 44.2



#6  
Aniline  
Concen: 37.793 ng  
RT: 6.604 min Scan# 768  
Delta R.T. -0.006 min  
Lab File: BF130876.D  
Acq: 31 Oct 2022 13:05

Tgt Ion: 93 Resp: 339970  
Ion Ratio Lower Upper  
93 100  
66 43.5 33.8 50.8  
65 22.2 17.2 25.8

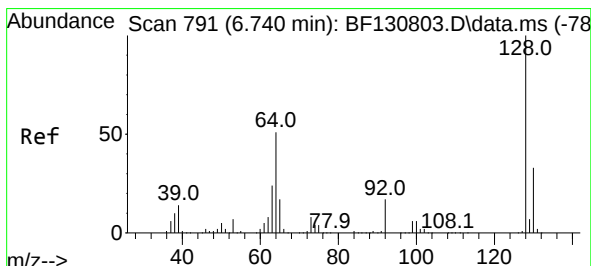
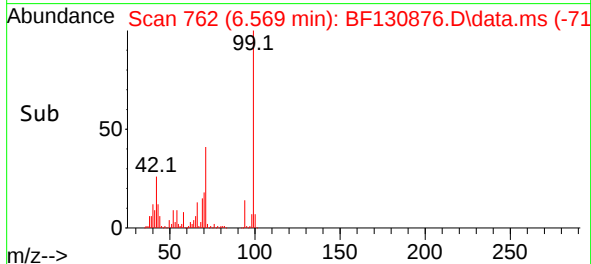
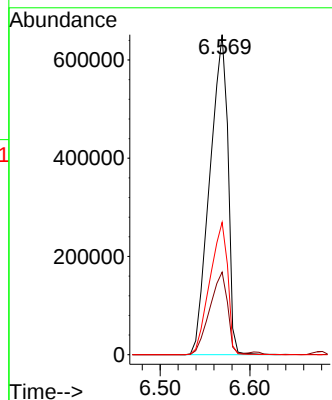
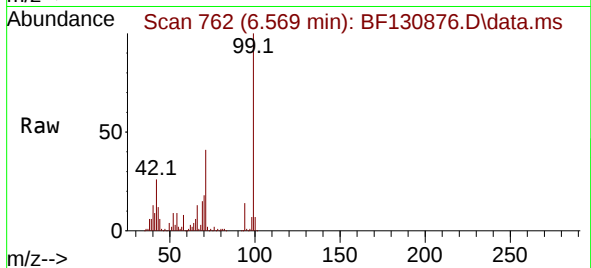




#7  
Phenol-d6  
Concen: 125.312 ng  
RT: 6.569 min Scan# 762  
Delta R.T. 0.006 min  
Lab File: BF130876.D  
Acq: 31 Oct 2022 13:05

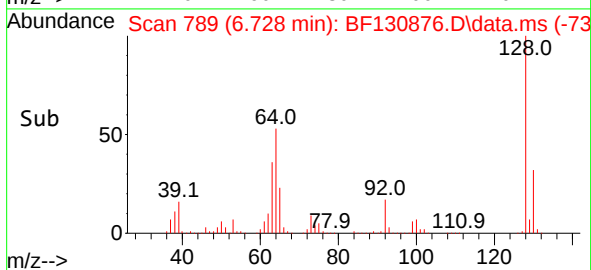
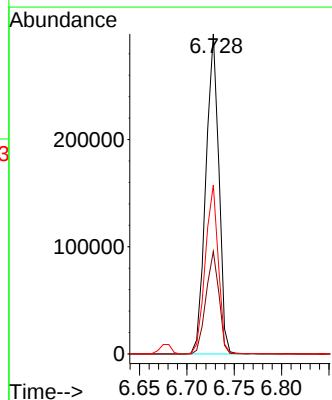
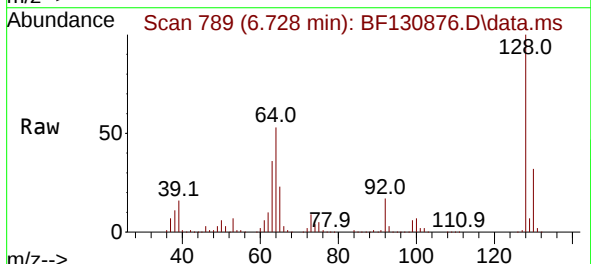
Instrument :  
BNA\_F  
ClientSampleId :  
PB148592BS

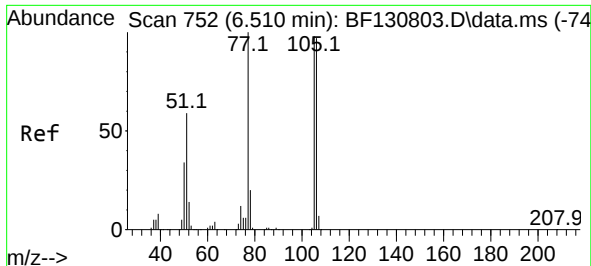
Tgt Ion: 99 Resp: 911628  
Ion Ratio Lower Upper  
99 100  
42 25.8 18.8 28.2  
71 41.4 31.4 47.0



#8  
2-Chlorophenol  
Concen: 45.616 ng  
RT: 6.728 min Scan# 789  
Delta R.T. -0.006 min  
Lab File: BF130876.D  
Acq: 31 Oct 2022 13:05

Tgt Ion:128 Resp: 284476  
Ion Ratio Lower Upper  
128 100  
130 32.0 12.7 52.7  
64 52.8 31.3 71.3

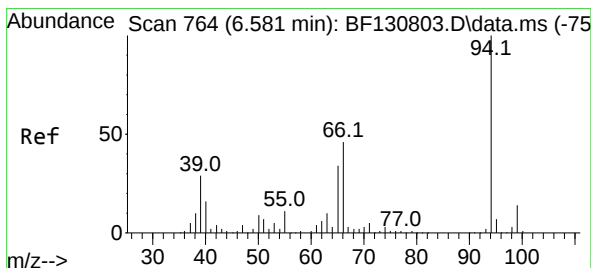
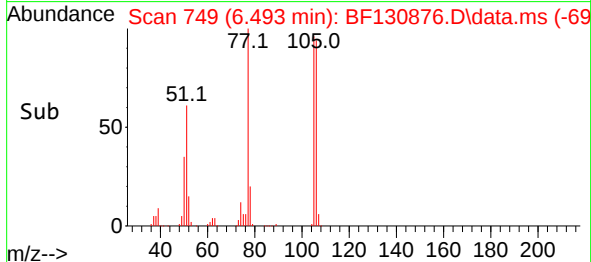
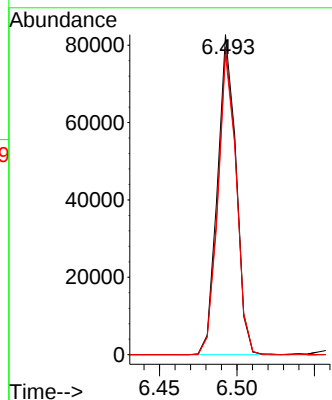
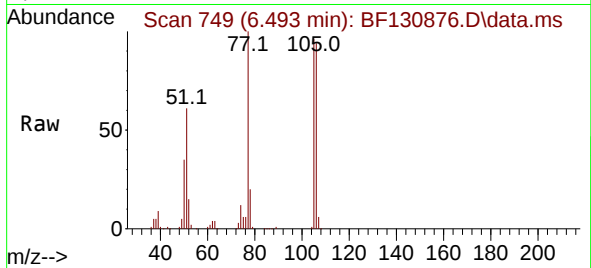




#9  
Benzaldehyde  
Concen: 14.815 ng  
RT: 6.493 min Scan# 749  
Delta R.T. -0.006 min  
Lab File: BF130876.D  
Acq: 31 Oct 2022 13:05

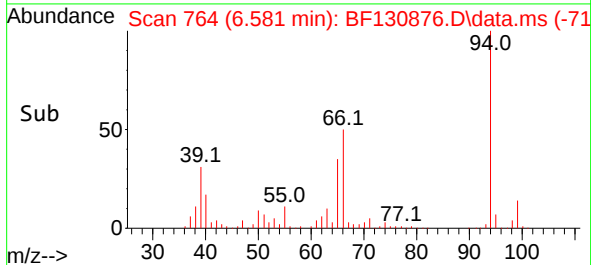
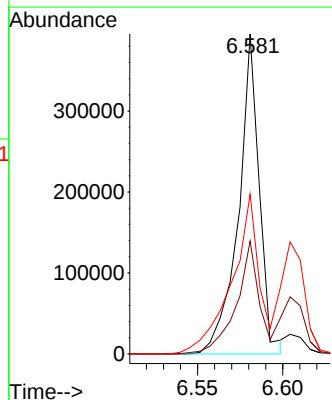
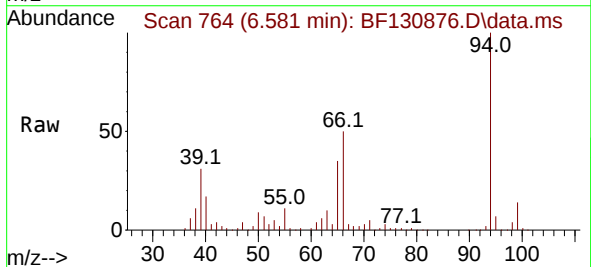
Instrument :  
BNA\_F  
ClientSampleId :  
PB148592BS

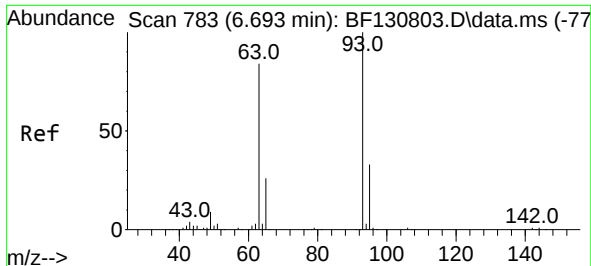
Tgt Ion: 77 Resp: 68980  
Ion Ratio Lower Upper  
77 100  
105 96.2 78.2 118.2  
106 93.9 76.6 116.6



#10  
Phenol  
Concen: 42.866 ng  
RT: 6.581 min Scan# 764  
Delta R.T. 0.000 min  
Lab File: BF130876.D  
Acq: 31 Oct 2022 13:05

Tgt Ion: 94 Resp: 335578  
Ion Ratio Lower Upper  
94 100  
65 35.3 13.7 53.7  
66 49.9 26.5 66.5

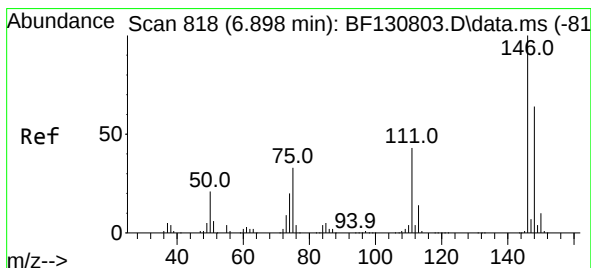
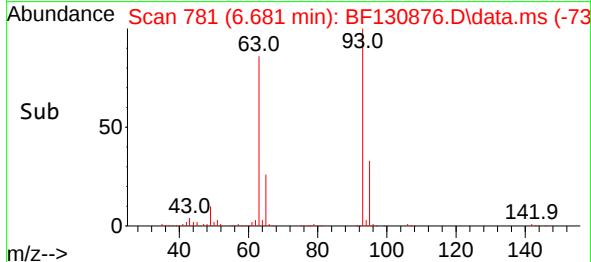
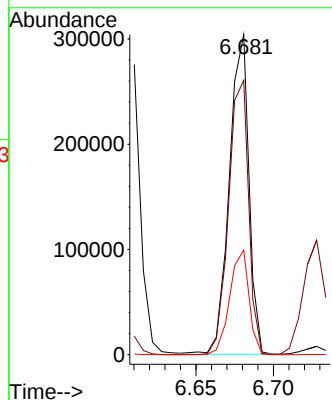
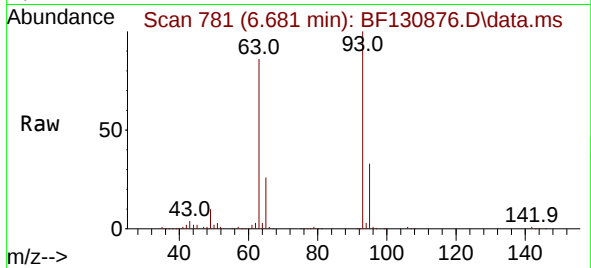




#11  
bis(2-Chloroethyl)ether  
Concen: 43.842 ng  
RT: 6.681 min Scan# 781  
Delta R.T. 0.000 min  
Lab File: BF130876.D  
Acq: 31 Oct 2022 13:05

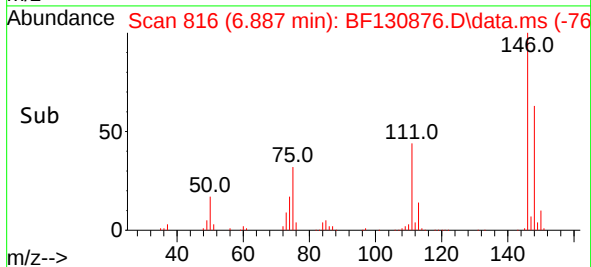
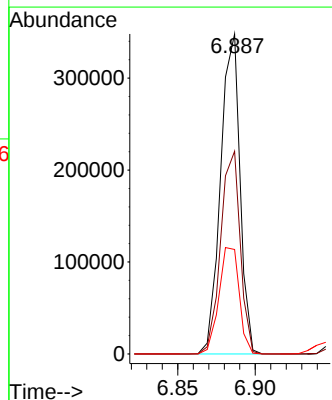
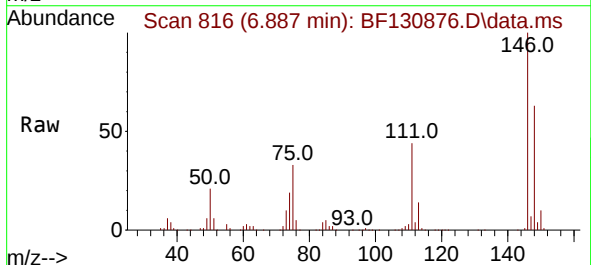
Instrument :  
BNA\_F  
ClientSampleId :  
PB148592BS

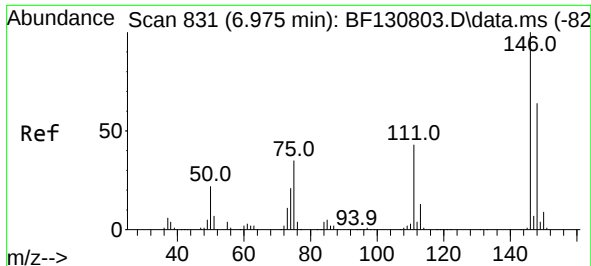
Tgt Ion: 93 Resp: 267557  
Ion Ratio Lower Upper  
93 100  
63 85.7 63.4 103.4  
95 32.7 12.6 52.6



#12  
1,3-Dichlorobenzene  
Concen: 42.818 ng  
RT: 6.887 min Scan# 816  
Delta R.T. 0.000 min  
Lab File: BF130876.D  
Acq: 31 Oct 2022 13:05

Tgt Ion:146 Resp: 302581  
Ion Ratio Lower Upper  
146 100  
148 63.4 51.4 77.0  
75 32.6 26.6 40.0

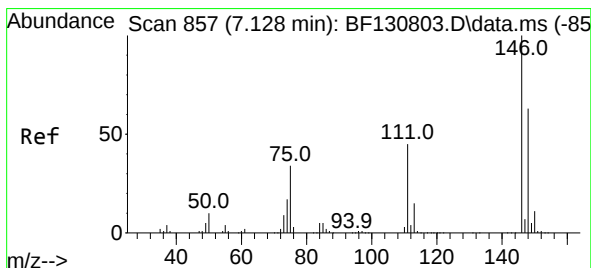
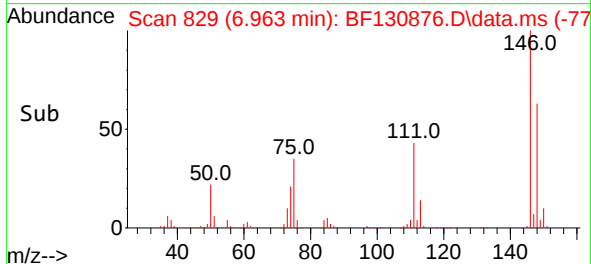
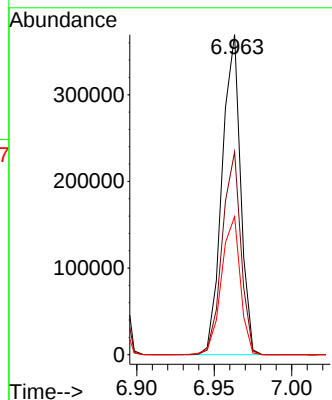
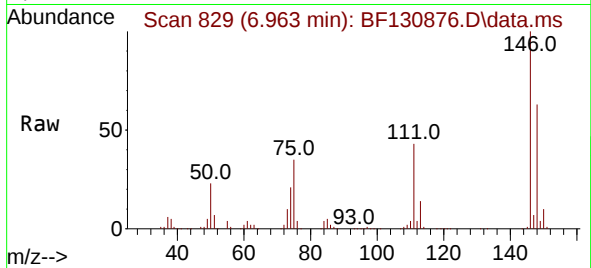




#13  
1,4-Dichlorobenzene  
Concen: 42.656 ng  
RT: 6.963 min Scan# 81  
Delta R.T. -0.006 min  
Lab File: BF130876.D  
Acq: 31 Oct 2022 13:05

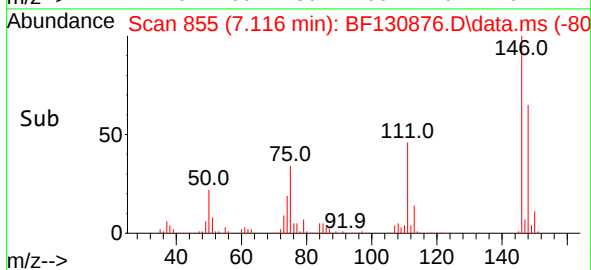
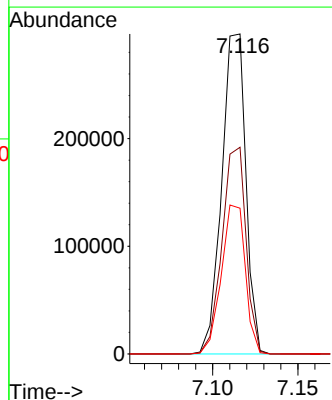
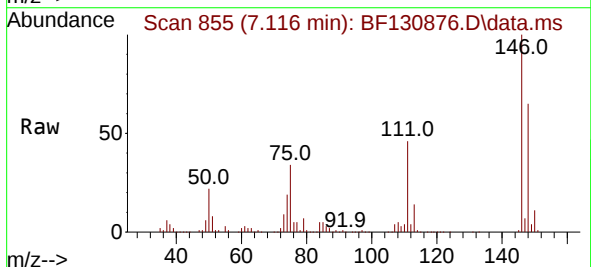
Instrument :  
BNA\_F  
ClientSampleId :  
PB148592BS

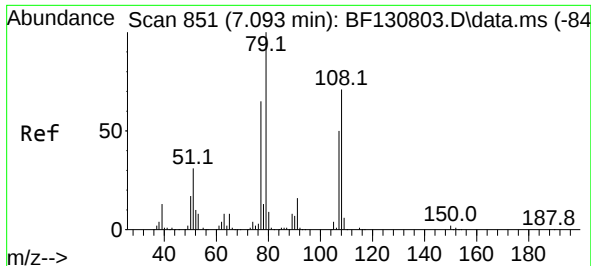
Tgt Ion:146 Resp: 305971  
Ion Ratio Lower Upper  
146 100  
148 63.4 51.3 76.9  
111 43.2 34.6 51.8



#14  
1,2-Dichlorobenzene  
Concen: 44.067 ng  
RT: 7.116 min Scan# 855  
Delta R.T. -0.006 min  
Lab File: BF130876.D  
Acq: 31 Oct 2022 13:05

Tgt Ion:146 Resp: 292743  
Ion Ratio Lower Upper  
146 100  
148 64.6 50.6 76.0  
111 45.6 36.3 54.5

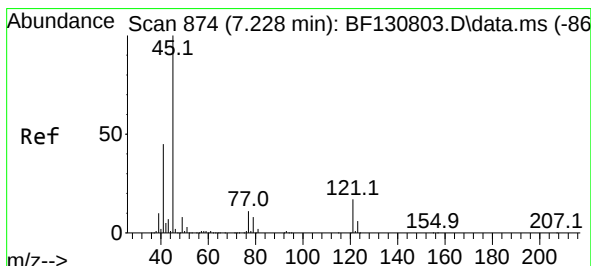
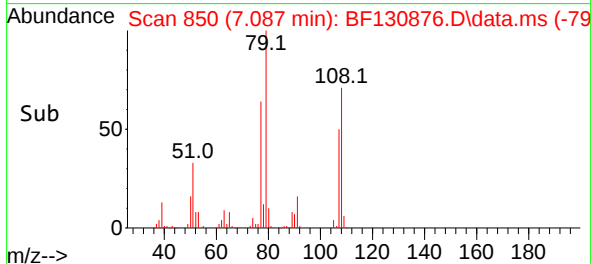
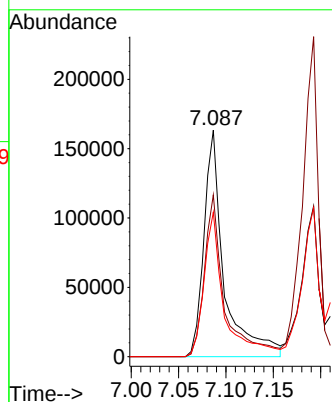
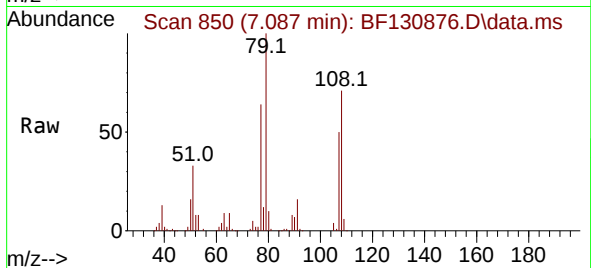




#15  
Benzyl Alcohol  
Concen: 39.191 ng  
RT: 7.087 min Scan# 81  
Delta R.T. 0.000 min  
Lab File: BF130876.D  
Acq: 31 Oct 2022 13:05

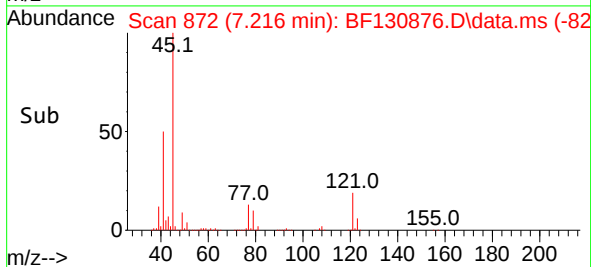
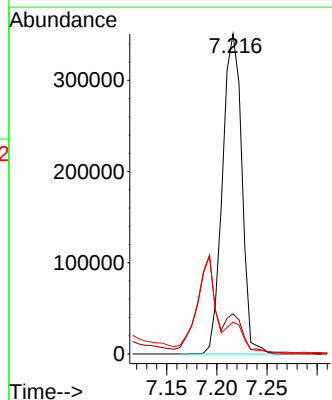
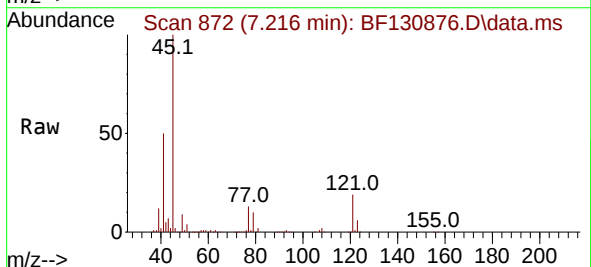
Instrument :  
BNA\_F  
ClientSampleId :  
PB148592BS

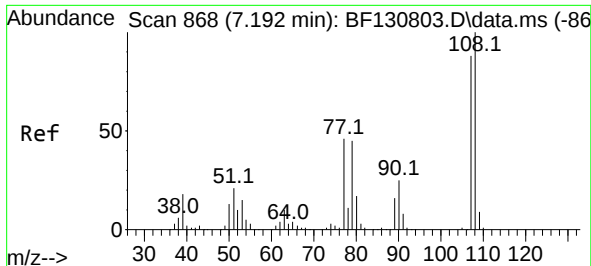
Tgt Ion: 79 Resp: 242433  
Ion Ratio Lower Upper  
79 100  
108 71.4 56.4 84.6  
77 63.7 51.8 77.8



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 43.102 ng  
RT: 7.216 min Scan# 872  
Delta R.T. -0.006 min  
Lab File: BF130876.D  
Acq: 31 Oct 2022 13:05

Tgt Ion: 45 Resp: 468869  
Ion Ratio Lower Upper  
45 100  
77 12.5 0.0 31.2  
79 10.0 0.0 28.4

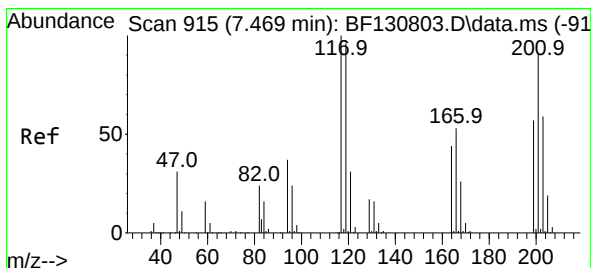
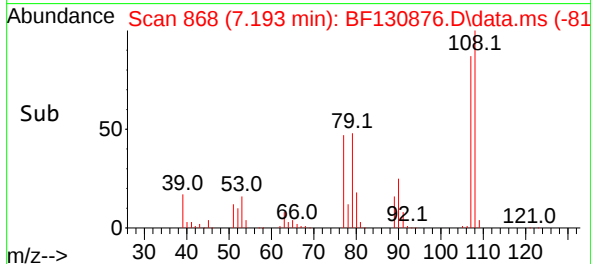
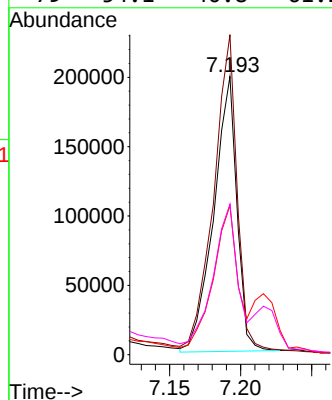
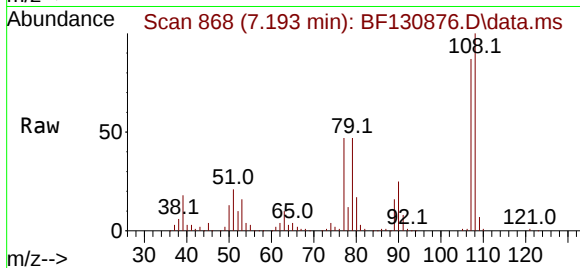




#17  
2-Methylphenol  
Concen: 42.280 ng  
RT: 7.193 min Scan# 80  
Delta R.T. 0.006 min  
Lab File: BF130876.D  
Acq: 31 Oct 2022 13:05

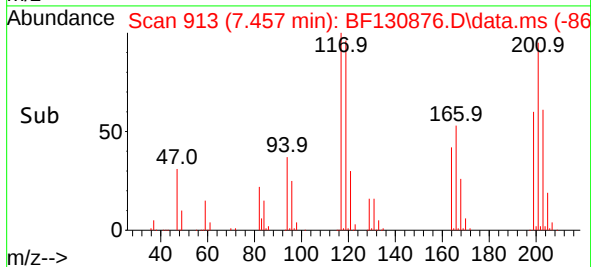
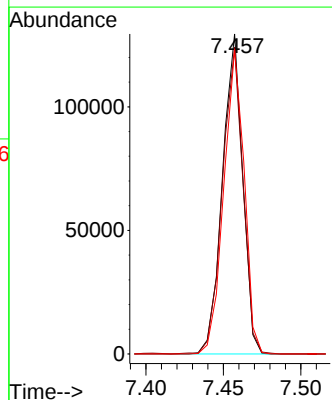
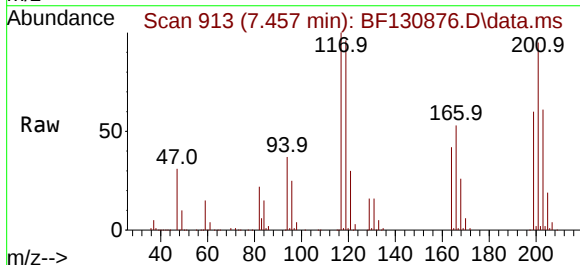
Instrument :  
BNA\_F  
ClientSampleId :  
PB148592BS

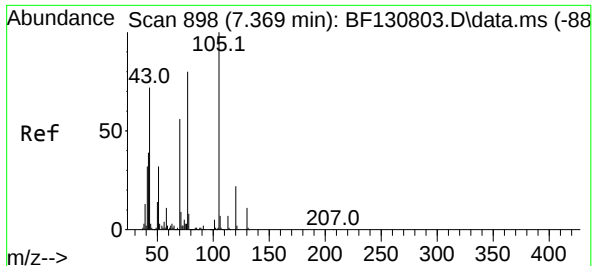
Tgt Ion:107 Resp: 225362  
Ion Ratio Lower Upper  
107 100  
108 115.0 90.5 135.7  
77 53.6 41.2 61.8  
79 54.1 40.8 61.2



#18  
Hexachloroethane  
Concen: 45.231 ng  
RT: 7.457 min Scan# 913  
Delta R.T. -0.006 min  
Lab File: BF130876.D  
Acq: 31 Oct 2022 13:05

Tgt Ion:117 Resp: 117258  
Ion Ratio Lower Upper  
117 100  
119 95.8 77.1 115.7  
201 95.2 72.9 109.3



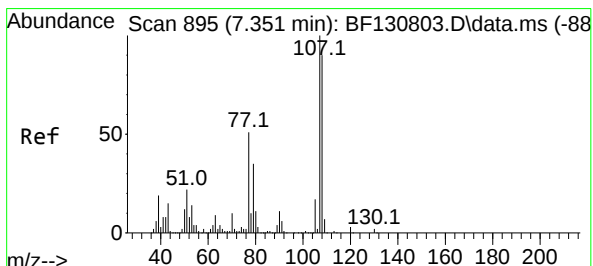
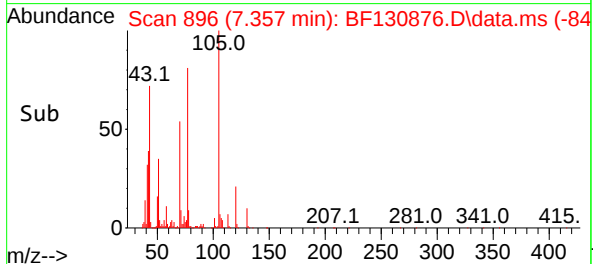
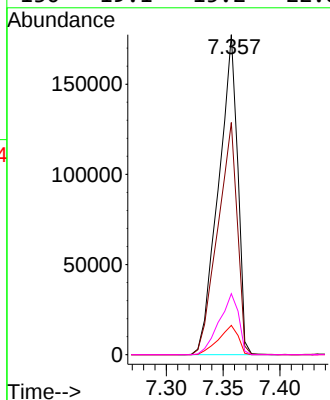
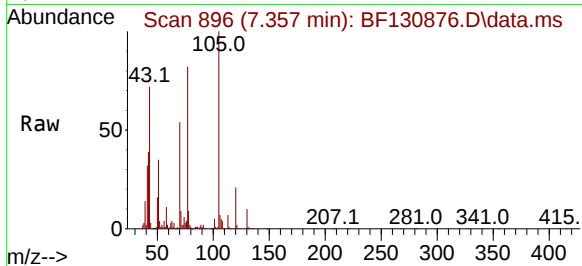


#19  
n-Nitroso-di-n-propylamine  
Concen: 42.091 ng  
RT: 7.357 min Scan# 894  
Delta R.T. -0.006 min  
Lab File: BF130876.D  
Acq: 31 Oct 2022 13:05

Instrument :  
BNA\_F  
ClientSampleId :  
PB148592BS

Tgt Ion: 70 Resp: 208340

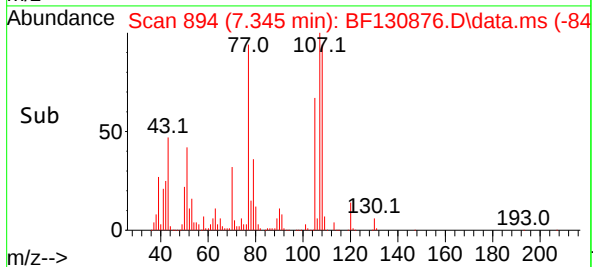
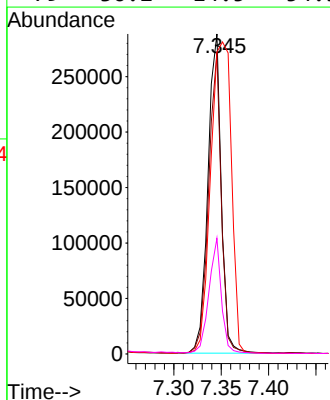
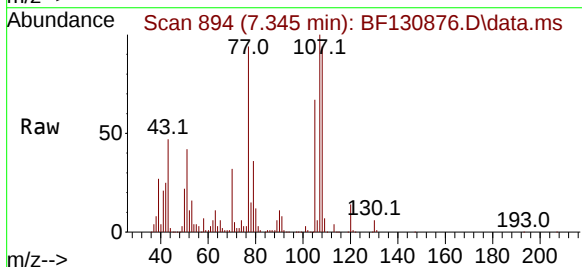
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 70  | 100   |       |       |
| 42  | 72.6  | 56.1  | 84.1  |
| 101 | 9.1   | 7.3   | 10.9  |
| 130 | 19.1  | 15.2  | 22.8  |

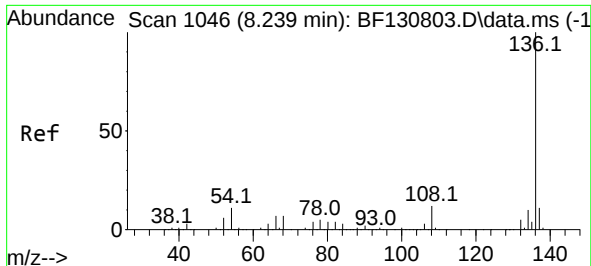


#20  
3+4-Methylphenols  
Concen: 40.590 ng  
RT: 7.345 min Scan# 894  
Delta R.T. 0.000 min  
Lab File: BF130876.D  
Acq: 31 Oct 2022 13:05

Tgt Ion: 107 Resp: 281302

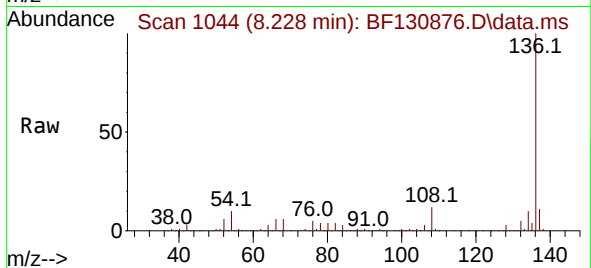
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 107 | 100   |       |       |
| 108 | 94.3  | 70.4  | 110.4 |
| 77  | 94.4  | 31.1  | 71.1# |
| 79  | 36.2  | 14.5  | 54.5  |



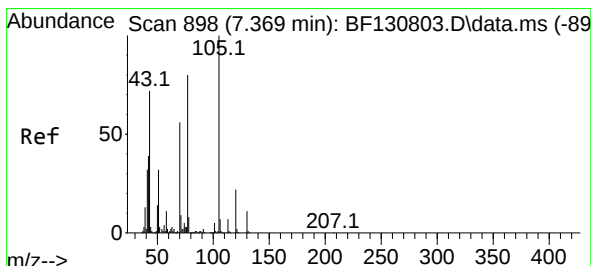
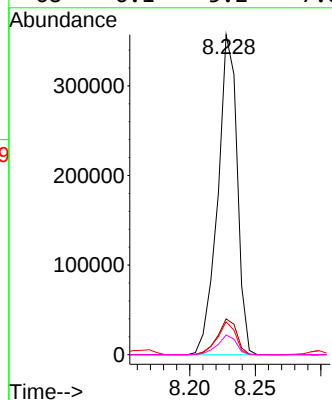
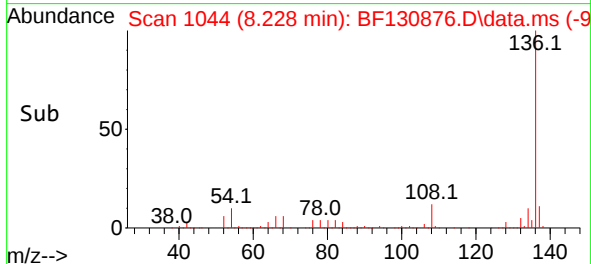


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.228 min Scan# 1044  
Delta R.T. -0.006 min  
Lab File: BF130876.D  
Acq: 31 Oct 2022 13:05

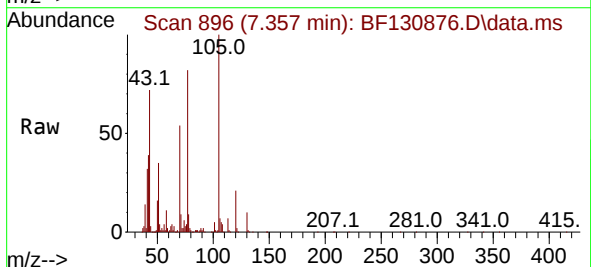
Instrument :  
BNA\_F  
ClientSampleId :  
PB148592BS



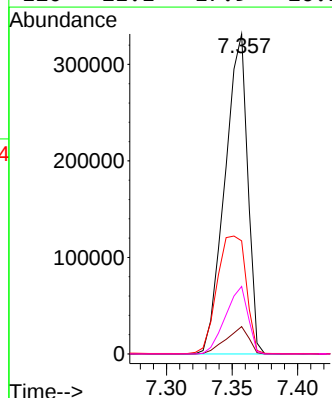
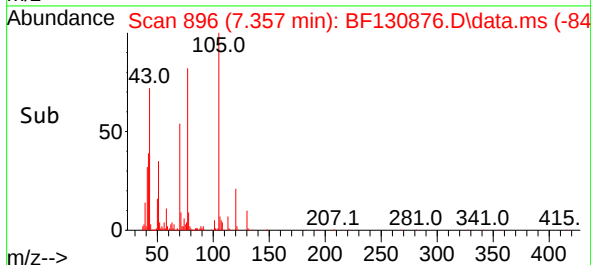
Tgt Ion:136 Resp: 367061  
Ion Ratio Lower Upper  
136 100  
137 11.2 9.2 13.8  
54 10.3 8.8 13.2  
68 6.1 5.2 7.8

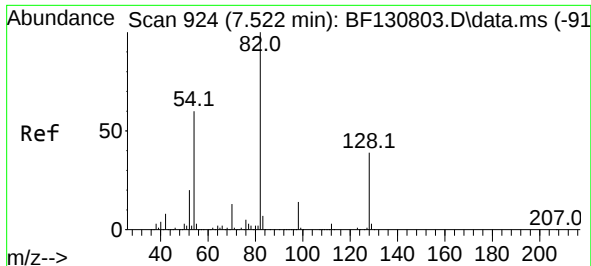


#22  
Acetophenone  
Concen: 44.801 ng  
RT: 7.357 min Scan# 896  
Delta R.T. 0.000 min  
Lab File: BF130876.D  
Acq: 31 Oct 2022 13:05



Tgt Ion:105 Resp: 398711  
Ion Ratio Lower Upper  
105 100  
71 8.6 7.2 10.8  
51 35.4 25.9 38.9  
120 21.1 17.9 26.9

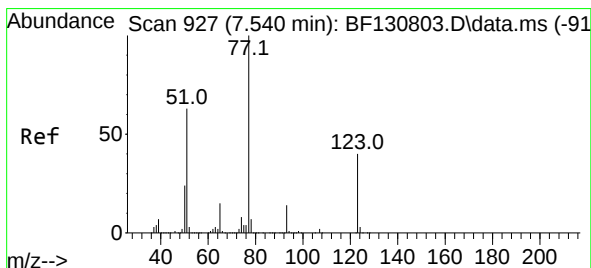
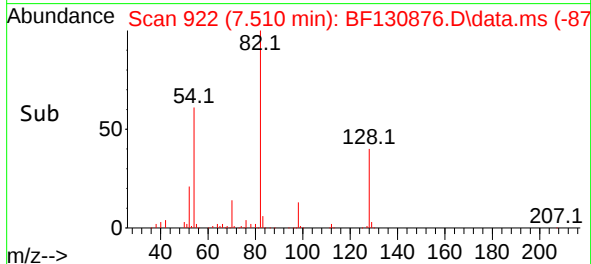
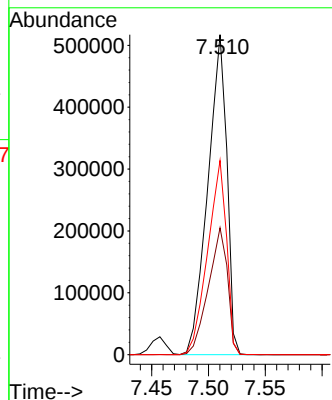
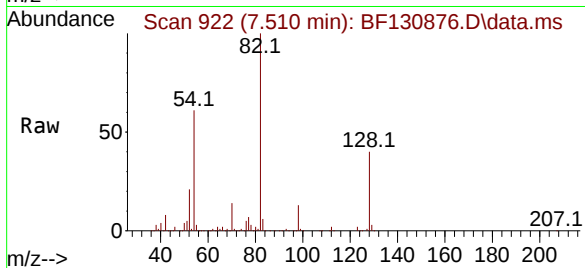




#23  
Nitrobenzene-d5  
Concen: 98.800 ng  
RT: 7.510 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: BF130876.D  
Acq: 31 Oct 2022 13:05

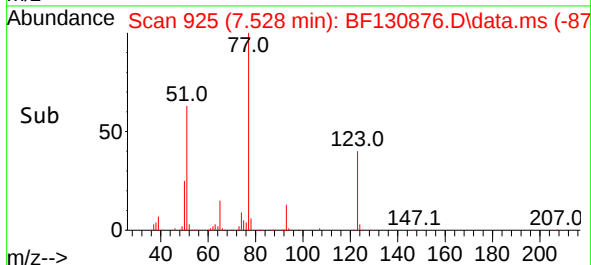
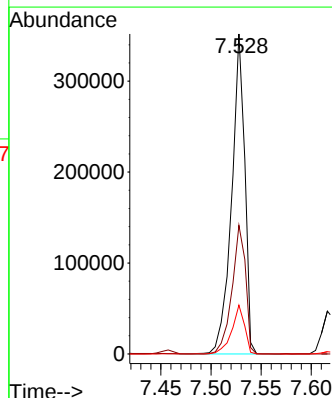
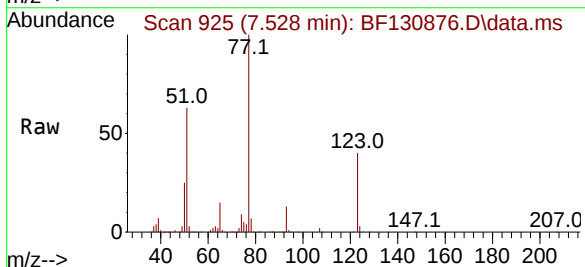
Instrument :  
BNA\_F  
ClientSampleId :  
PB148592BS

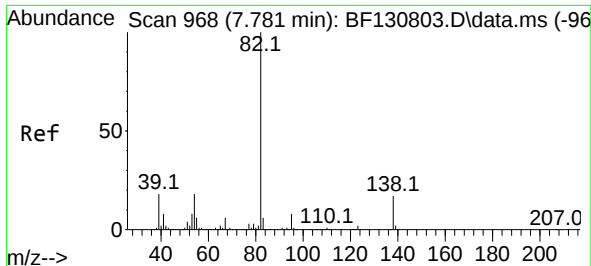
Tgt Ion: 82 Resp: 601433  
Ion Ratio Lower Upper  
82 100  
128 39.6 31.2 46.8  
54 60.7 48.0 72.0



#24  
Nitrobenzene  
Concen: 48.125 ng  
RT: 7.528 min Scan# 925  
Delta R.T. -0.006 min  
Lab File: BF130876.D  
Acq: 31 Oct 2022 13:05

Tgt Ion: 77 Resp: 320337  
Ion Ratio Lower Upper  
77 100  
123 40.2 32.2 48.2  
65 15.3 12.0 18.0

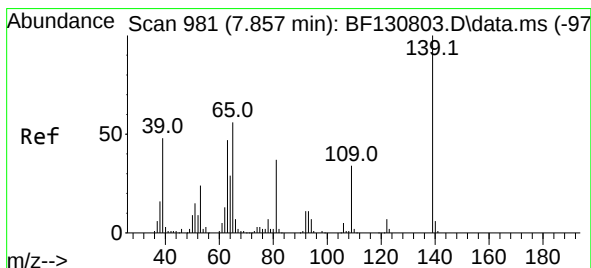
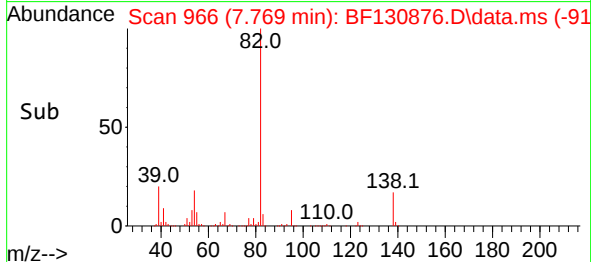
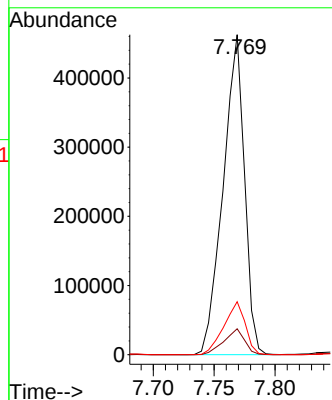
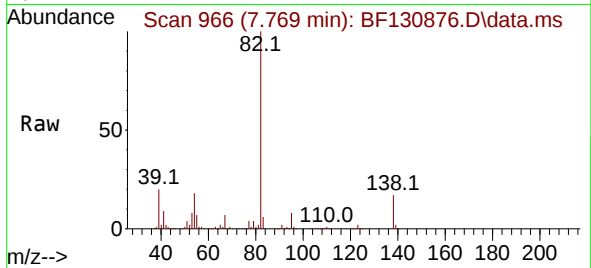




#25  
Isophorone  
Concen: 45.014 ng  
RT: 7.769 min Scan# 901  
Delta R.T. 0.000 min  
Lab File: BF130876.D  
Acq: 31 Oct 2022 13:05

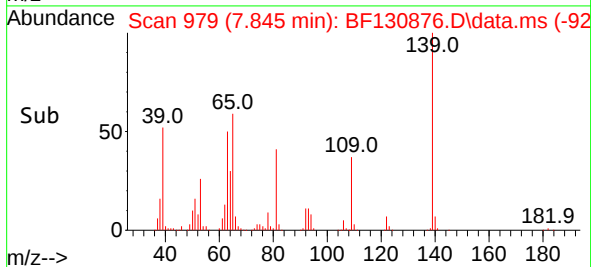
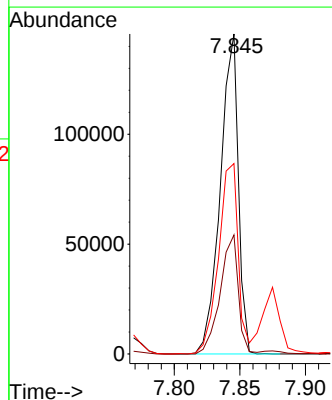
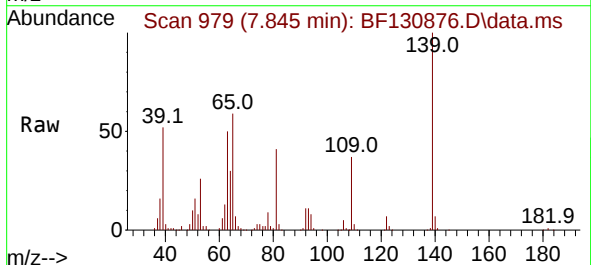
Instrument :  
BNA\_F  
ClientSampleId :  
PB148592BS

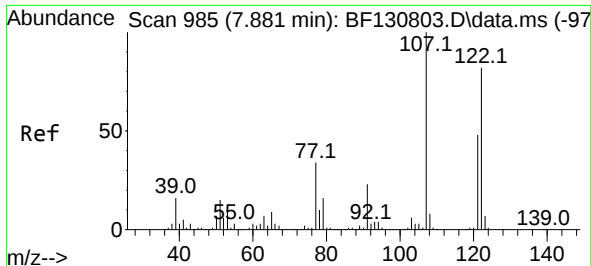
Tgt Ion: 82 Resp: 565061  
Ion Ratio Lower Upper  
82 100  
95 8.1 6.2 9.4  
138 16.5 13.8 20.6



#26  
2-Nitrophenol  
Concen: 52.458 ng  
RT: 7.845 min Scan# 979  
Delta R.T. 0.000 min  
Lab File: BF130876.D  
Acq: 31 Oct 2022 13:05

Tgt Ion:139 Resp: 138759  
Ion Ratio Lower Upper  
139 100  
109 37.2 27.3 40.9  
65 59.5 44.6 67.0





#27

2,4-Dimethylphenol

Concen: 48.733 ng

RT: 7.875 min Scan# 9

Delta R.T. 0.000 min

Lab File: BF130876.D

Acq: 31 Oct 2022 13:05

Instrument :

BNA\_F

ClientSampleId :

PB148592BS

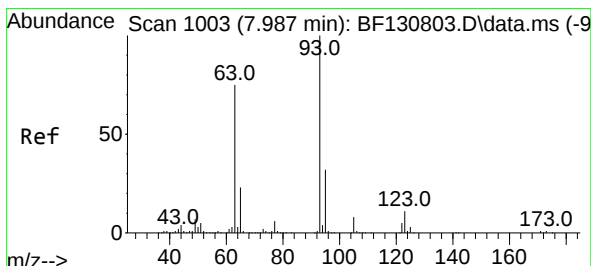
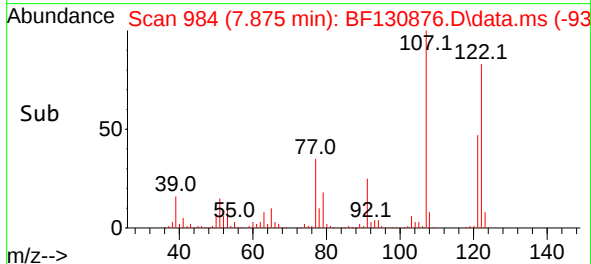
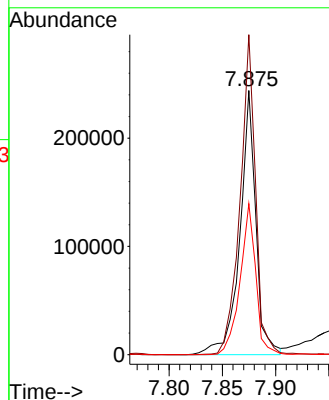
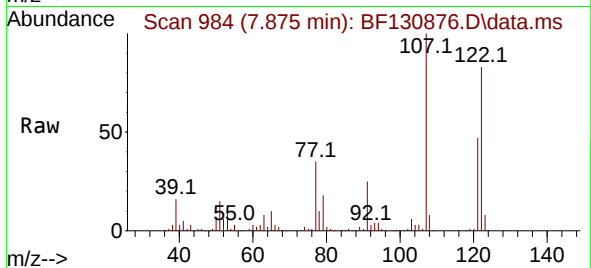
Tgt Ion:122 Resp: 254593

Ion Ratio Lower Upper

122 100

107 121.1 97.1 145.7

121 57.2 46.9 70.3



#28

bis(2-Chloroethoxy)methane

Concen: 46.202 ng

RT: 7.975 min Scan# 1001

Delta R.T. -0.006 min

Lab File: BF130876.D

Acq: 31 Oct 2022 13:05

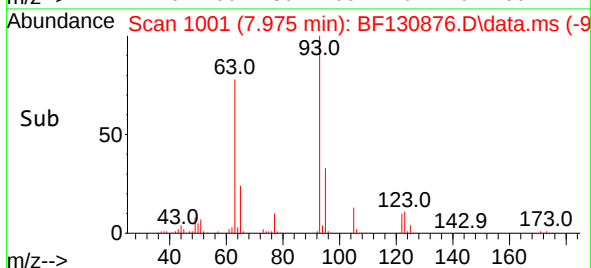
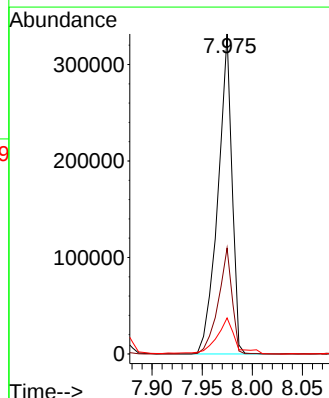
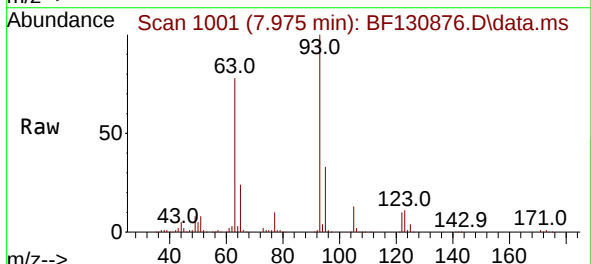
Tgt Ion: 93 Resp: 323904

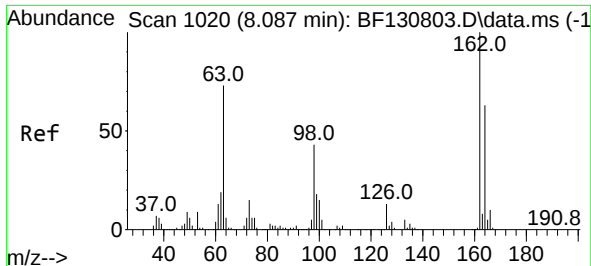
Ion Ratio Lower Upper

93 100

95 33.1 25.7 38.5

123 11.3 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 43.546 ng

RT: 8.081 min Scan# 1019

Delta R.T. 0.000 min

Lab File: BF130876.D

Acq: 31 Oct 2022 13:05

Instrument :

BNA\_F

ClientSampleId :

PB148592BS

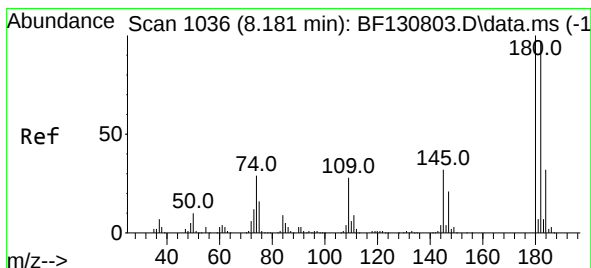
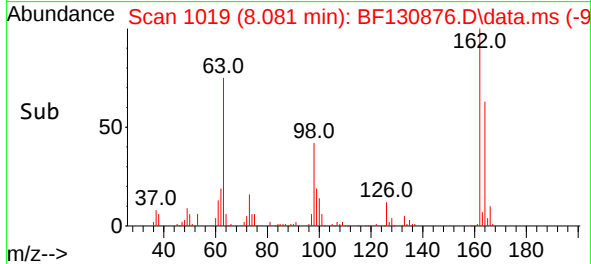
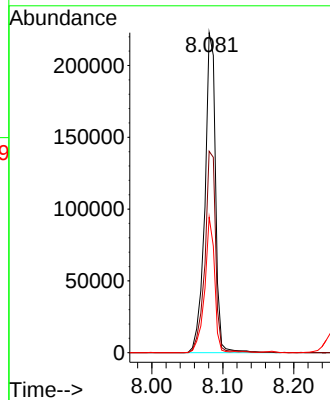
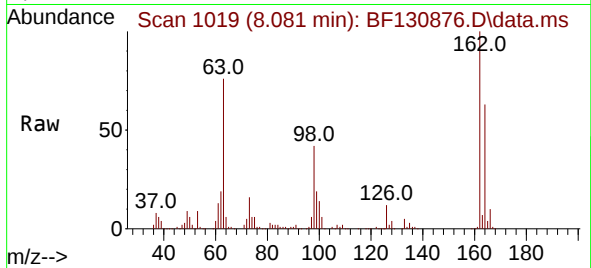
Tgt Ion:162 Resp: 234027

Ion Ratio Lower Upper

162 100

164 63.0 43.2 83.2

98 42.3 22.8 62.8



#30

1,2,4-Trichlorobenzene

Concen: 41.586 ng

RT: 8.169 min Scan# 1034

Delta R.T. -0.006 min

Lab File: BF130876.D

Acq: 31 Oct 2022 13:05

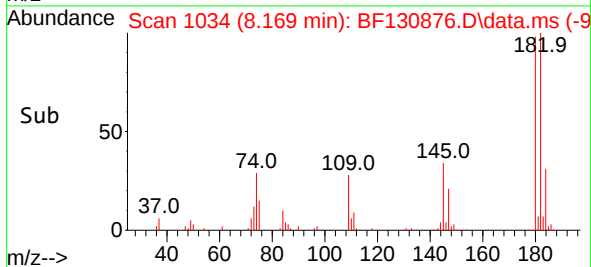
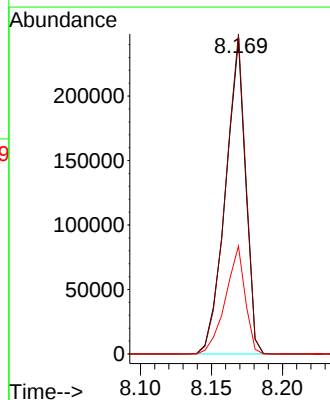
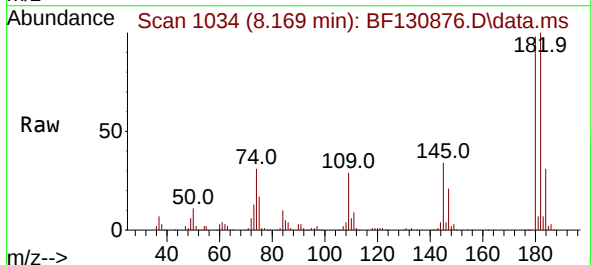
Tgt Ion:180 Resp: 240326

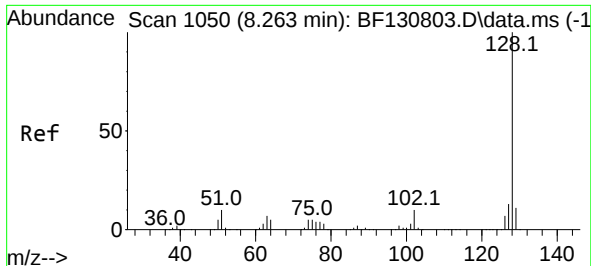
Ion Ratio Lower Upper

180 100

182 101.9 77.7 116.5

145 34.3 25.9 38.9

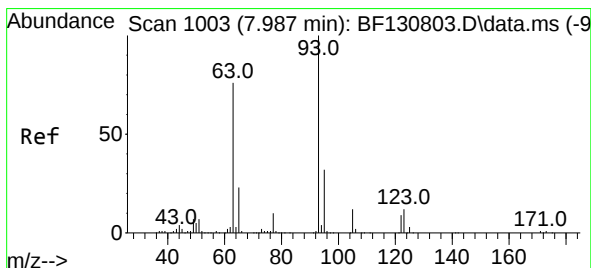
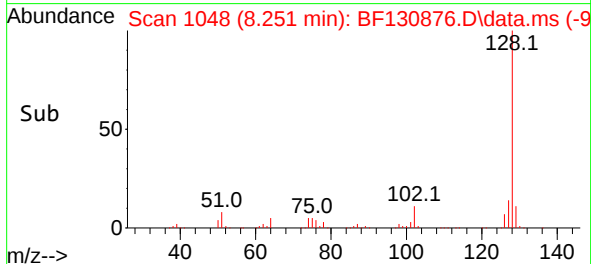
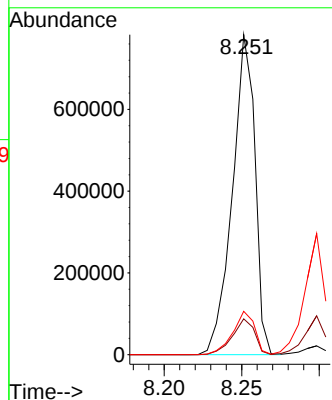
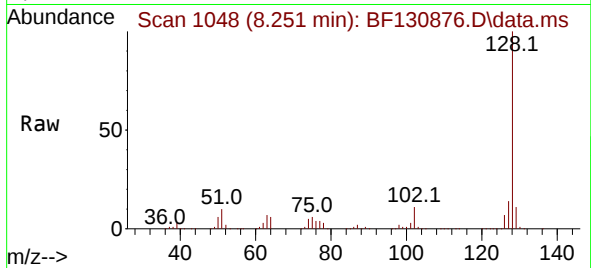




#31  
Naphthalene  
Concen: 41.427 ng  
RT: 8.251 min Scan# 1048  
Delta R.T. -0.006 min  
Lab File: BF130876.D  
Acq: 31 Oct 2022 13:05

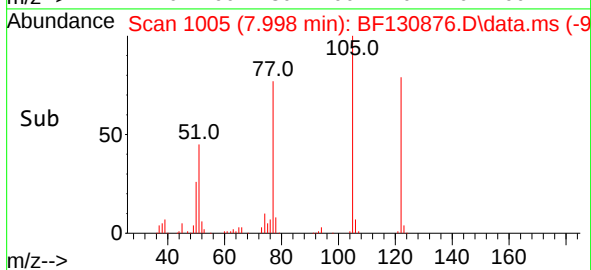
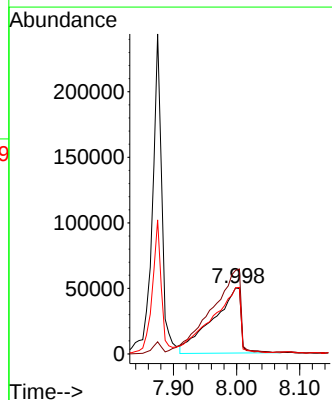
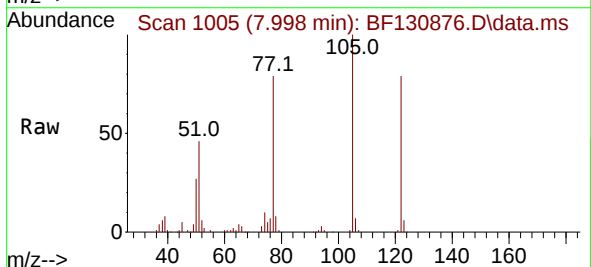
Instrument :  
BNA\_F  
ClientSampleId :  
PB148592BS

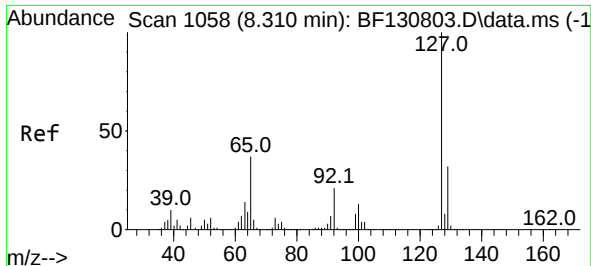
Tgt Ion:128 Resp: 793354  
Ion Ratio Lower Upper  
128 100  
129 11.2 9.0 13.6  
127 13.6 10.6 16.0



#32  
Benzoic acid  
Concen: 42.707 ng  
RT: 7.998 min Scan# 1005  
Delta R.T. 0.012 min  
Lab File: BF130876.D  
Acq: 31 Oct 2022 13:05

Tgt Ion:122 Resp: 154822  
Ion Ratio Lower Upper  
122 100  
105 126.8 114.5 154.5  
77 100.6 89.8 129.8

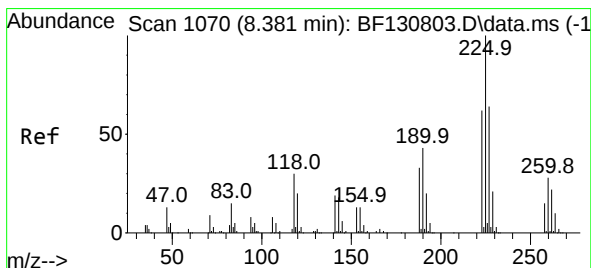
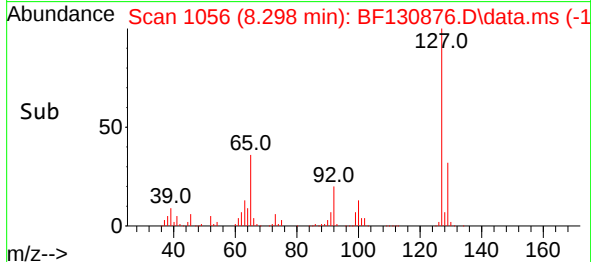
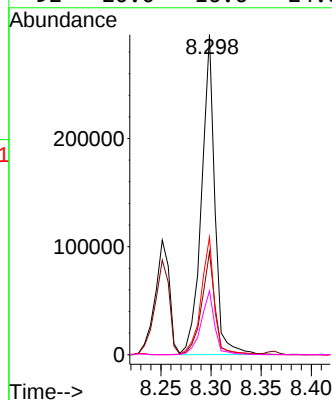
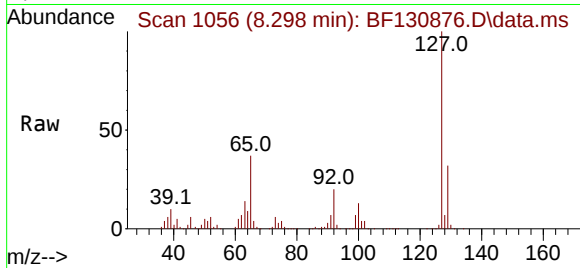




#33  
4-Chloroaniline  
Concen: 36.129 ng  
RT: 8.298 min Scan# 1056  
Delta R.T. -0.006 min  
Lab File: BF130876.D  
Acq: 31 Oct 2022 13:05

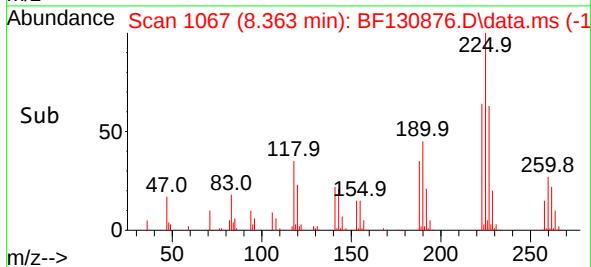
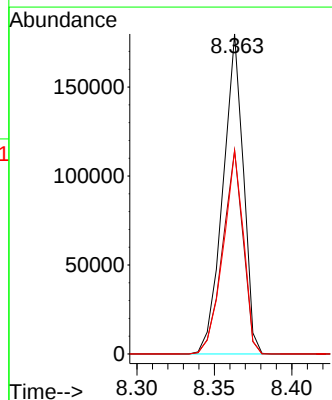
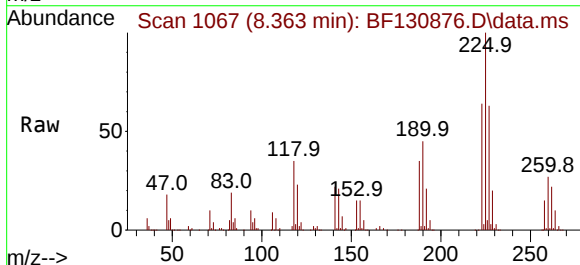
Instrument :  
BNA\_F  
ClientSampleId :  
PB148592BS

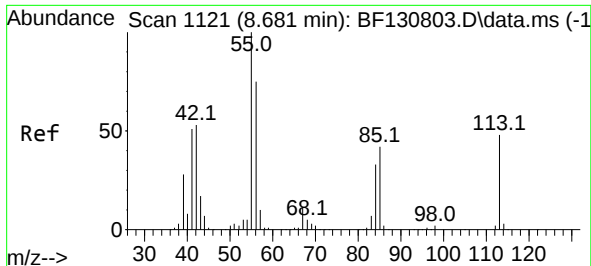
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 127   | Resp: | 273406 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 32.1  | 25.6  | 38.4   |
| 65       | 36.7  | 29.4  | 44.2   |
| 92       | 20.0  | 16.6  | 24.8   |



#34  
Hexachlorobutadiene  
Concen: 42.982 ng  
RT: 8.363 min Scan# 1067  
Delta R.T. -0.006 min  
Lab File: BF130876.D  
Acq: 31 Oct 2022 13:05

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 164890 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 63.6  | 49.9  | 74.9   |
| 227      | 63.5  | 51.5  | 77.3   |

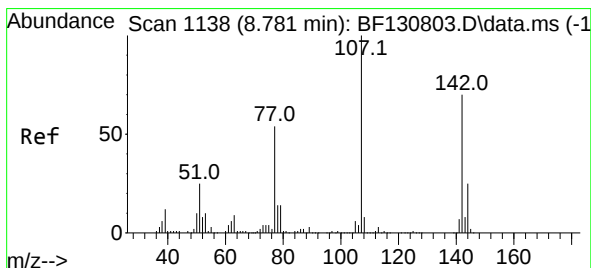
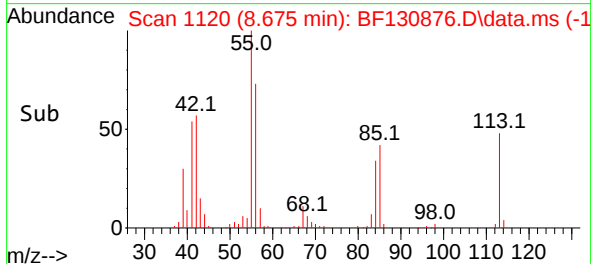
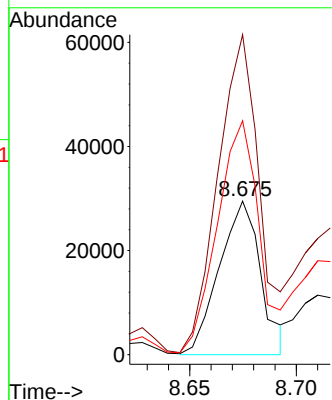
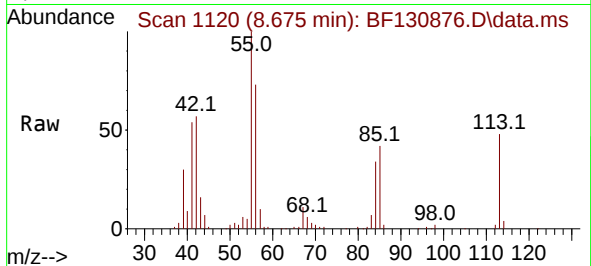




#35  
 Caprolactam  
 Concen: 23.206 ng  
 RT: 8.675 min Scan# 1121  
 Delta R.T. -0.006 min  
 Lab File: BF130876.D  
 Acq: 31 Oct 2022 13:05

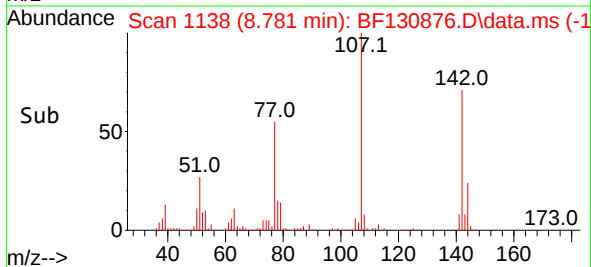
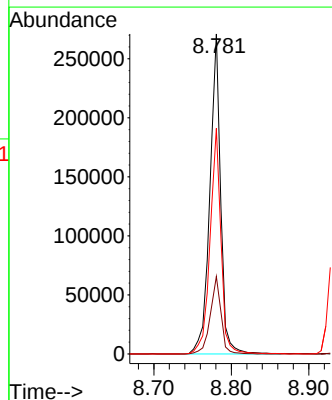
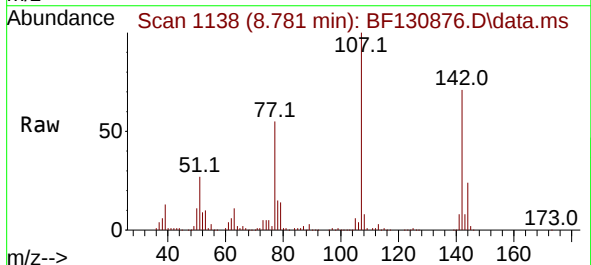
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB148592BS

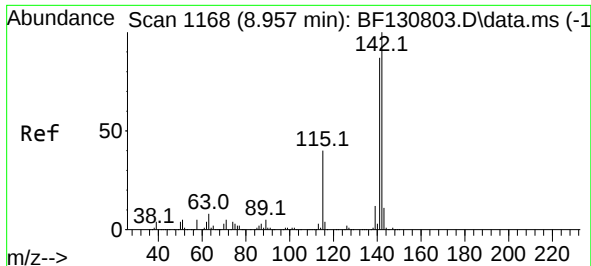
Tgt Ion:113 Resp: 39966  
 Ion Ratio Lower Upper  
 113 100  
 55 208.4 187.0 227.0  
 56 152.3 134.2 174.2



#36  
 4-Chloro-3-methylphenol  
 Concen: 45.087 ng  
 RT: 8.781 min Scan# 1138  
 Delta R.T. 0.006 min  
 Lab File: BF130876.D  
 Acq: 31 Oct 2022 13:05

Tgt Ion:107 Resp: 262836  
 Ion Ratio Lower Upper  
 107 100  
 144 24.2 19.8 29.8  
 142 70.5 56.0 84.0





#37

2-Methylnaphthalene

Concen: 41.634 ng

RT: 8.945 min Scan# 1166

Delta R.T. 0.000 min

Lab File: BF130876.D

Acq: 31 Oct 2022 13:05

Instrument :

BNA\_F

ClientSampleId :

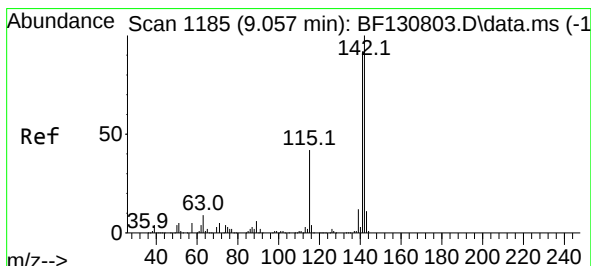
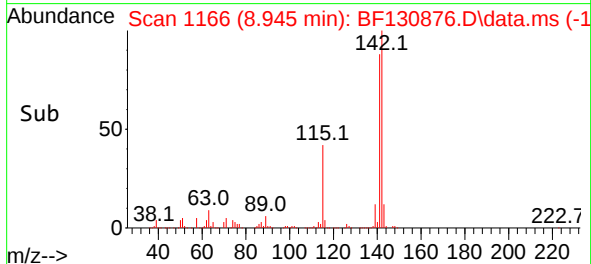
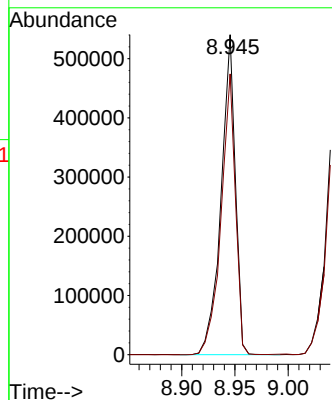
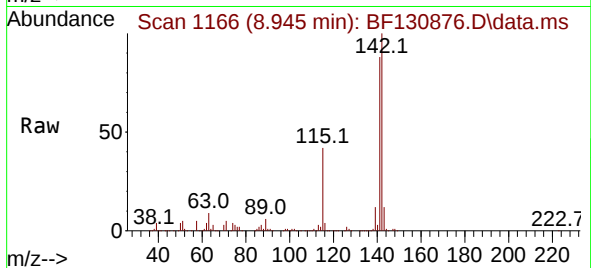
PB148592BS

Tgt Ion:142 Resp: 501535

Ion Ratio Lower Upper

142 100

141 87.7 69.9 104.9



#38

1-Methylnaphthalene

Concen: 41.040 ng

RT: 9.045 min Scan# 1183

Delta R.T. -0.006 min

Lab File: BF130876.D

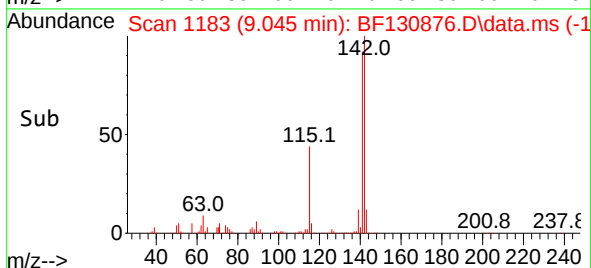
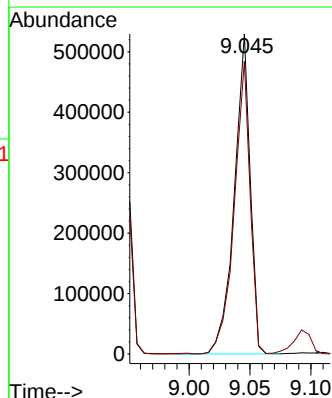
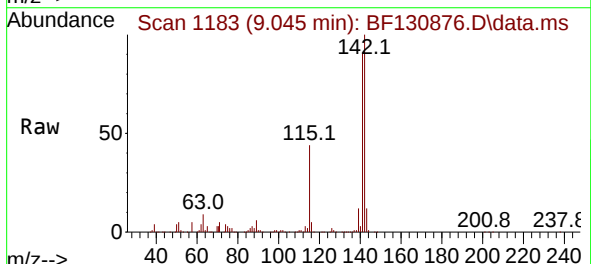
Acq: 31 Oct 2022 13:05

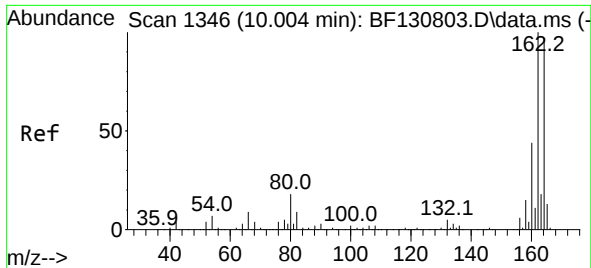
Tgt Ion:142 Resp: 481123

Ion Ratio Lower Upper

142 100

141 91.5 73.5 110.3

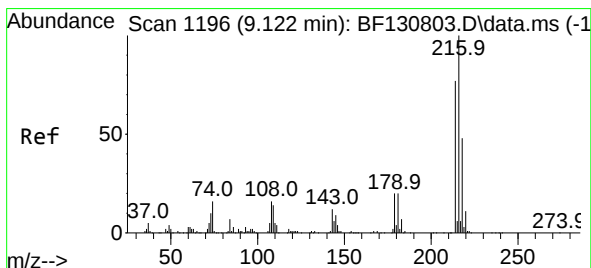
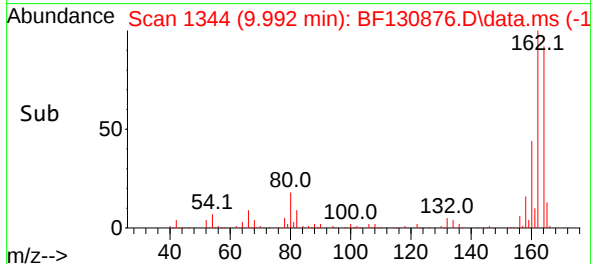
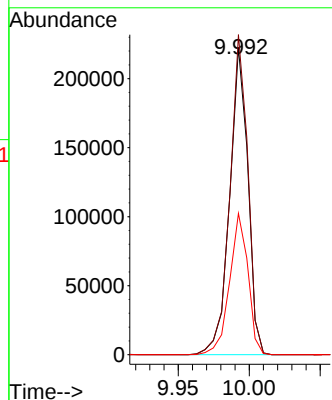
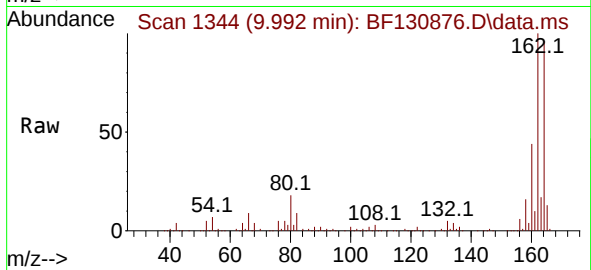




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.992 min Scan# 1194  
Delta R.T. -0.006 min  
Lab File: BF130876.D  
Acq: 31 Oct 2022 13:05

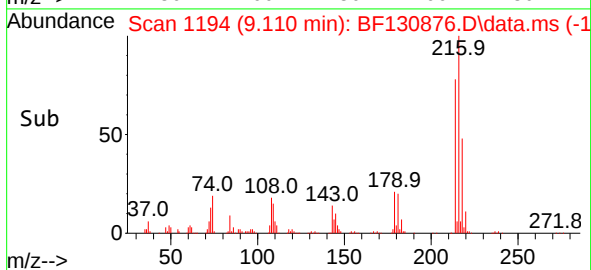
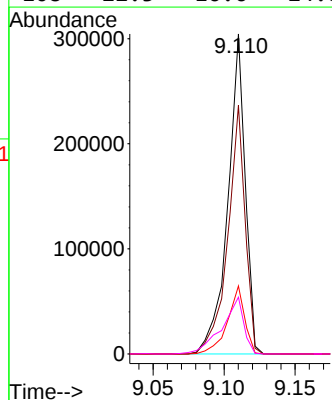
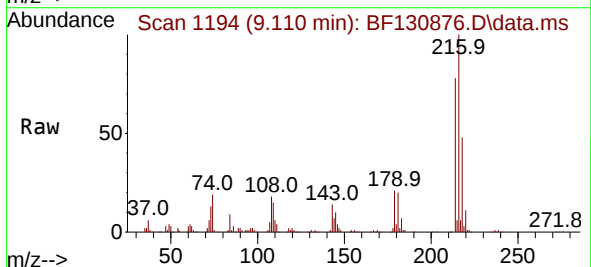
Instrument :  
BNA\_F  
ClientSampleId :  
PB148592BS

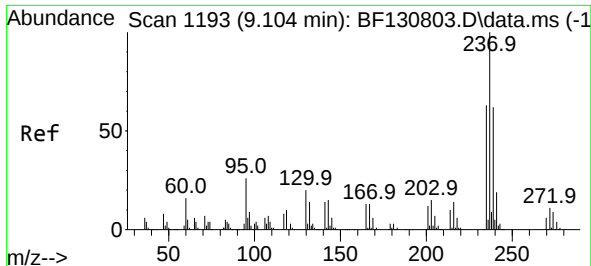
Tgt Ion:164 Resp: 198102  
Ion Ratio Lower Upper  
164 100  
162 104.3 82.2 123.2  
160 46.0 36.6 54.8



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 46.088 ng  
RT: 9.110 min Scan# 1194  
Delta R.T. 0.000 min  
Lab File: BF130876.D  
Acq: 31 Oct 2022 13:05

Tgt Ion:216 Resp: 258916  
Ion Ratio Lower Upper  
216 100  
214 77.7 62.7 94.1  
179 21.1 16.9 25.3  
108 22.3 16.6 24.8

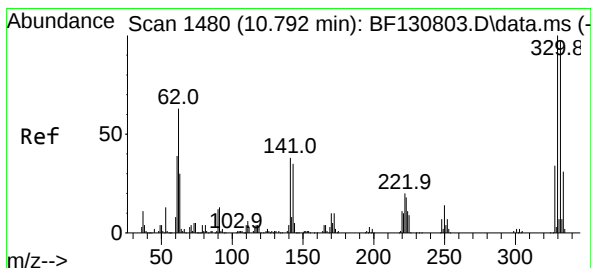
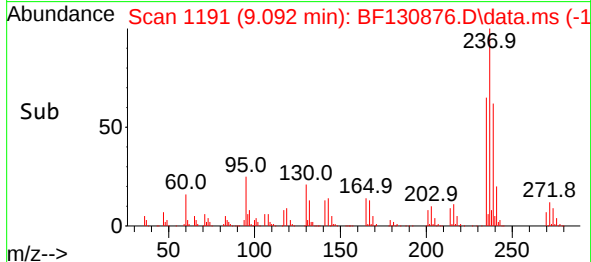
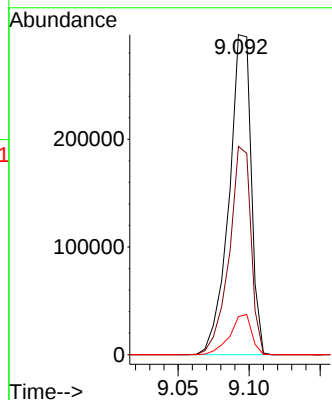
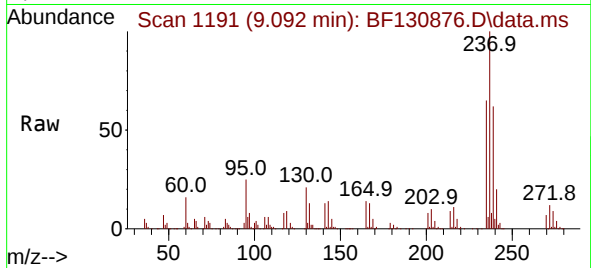




#41  
Hexachlorocyclopentadiene  
Concen: 109.359 ng  
RT: 9.092 min Scan# 1191  
Delta R.T. -0.006 min  
Lab File: BF130876.D  
Acq: 31 Oct 2022 13:05

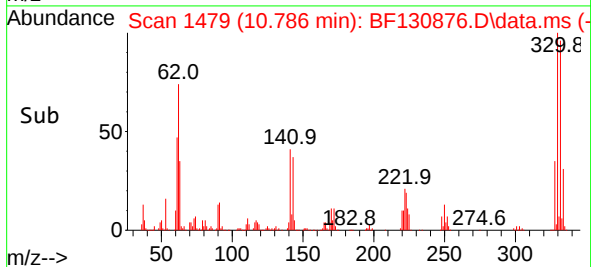
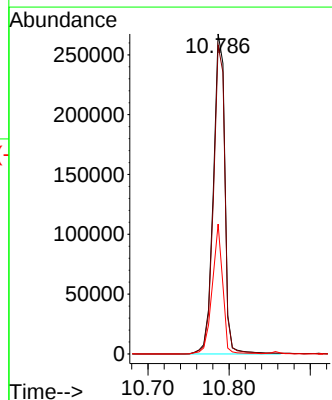
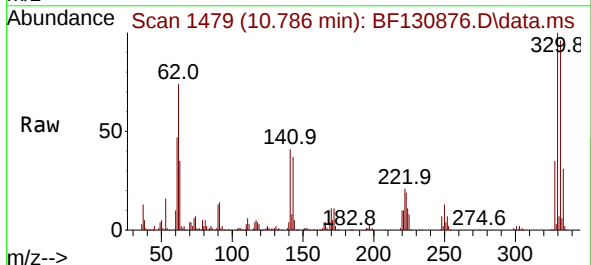
Instrument :  
BNA\_F  
ClientSampleId :  
PB148592BS

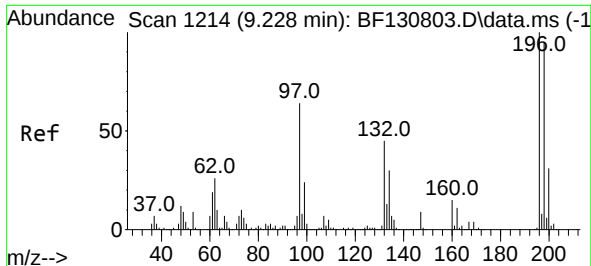
Tgt Ion:237 Resp: 322800  
Ion Ratio Lower Upper  
237 100  
235 65.1 43.5 83.5  
272 11.9 0.0 31.4



#42  
2,4,6-Tribromophenol  
Concen: 158.094 ng  
RT: 10.786 min Scan# 1479  
Delta R.T. 0.000 min  
Lab File: BF130876.D  
Acq: 31 Oct 2022 13:05

Tgt Ion:330 Resp: 263641  
Ion Ratio Lower Upper  
330 100  
332 96.1 76.2 114.4  
141 36.8 31.4 47.0

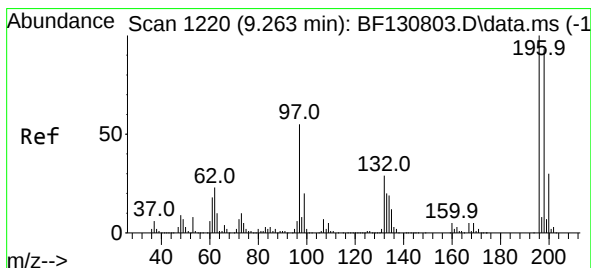
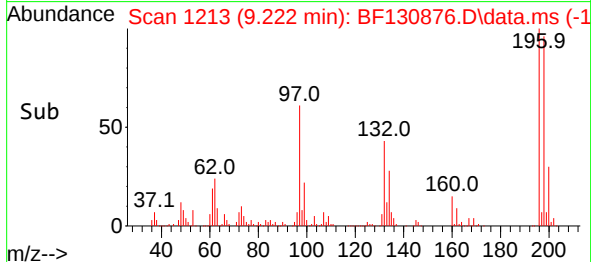
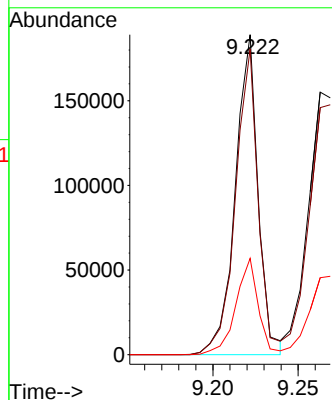
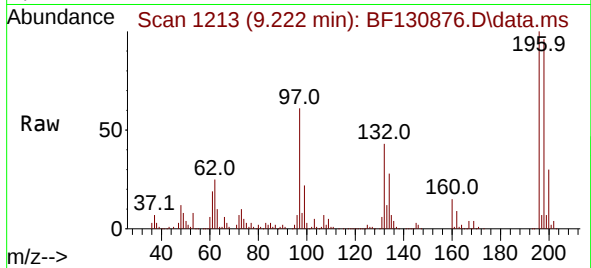




#43  
2,4,6-Trichlorophenol  
Concen: 44.980 ng  
RT: 9.222 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF130876.D  
Acq: 31 Oct 2022 13:05

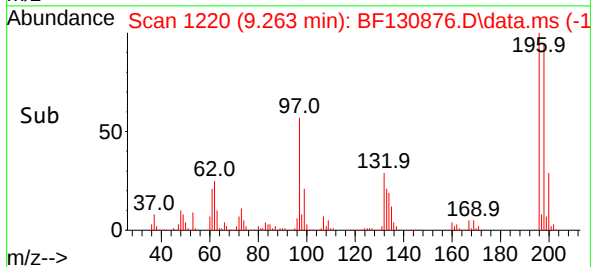
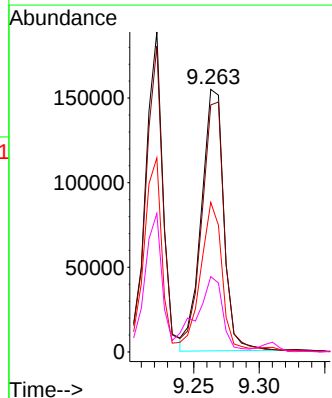
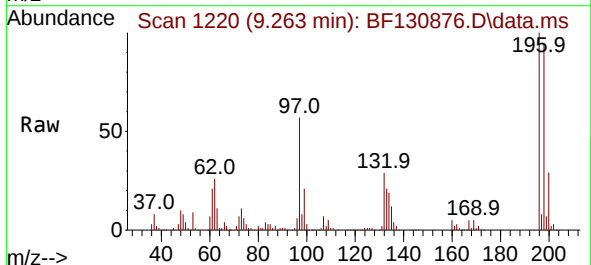
Instrument :  
BNA\_F  
ClientSampleId :  
PB148592BS

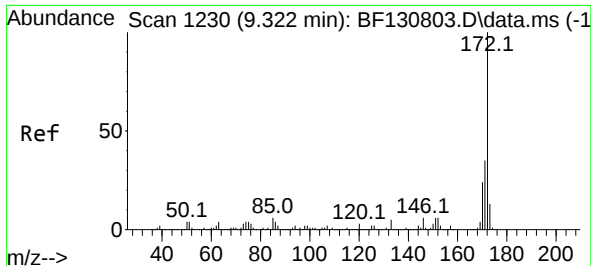
Tgt Ion:196 Resp: 175586  
Ion Ratio Lower Upper  
196 100  
198 95.6 76.1 114.1  
200 30.1 24.5 36.7



#44  
2,4,5-Trichlorophenol  
Concen: 44.380 ng  
RT: 9.263 min Scan# 1220  
Delta R.T. 0.006 min  
Lab File: BF130876.D  
Acq: 31 Oct 2022 13:05

Tgt Ion:196 Resp: 185090  
Ion Ratio Lower Upper  
196 100  
198 94.1 74.6 112.0  
97 57.0 44.7 67.1  
132 28.7 23.3 34.9





#45

2-Fluorobiphenyl

Concen: 82.350 ng

RT: 9.310 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF130876.D

Acq: 31 Oct 2022 13:05

Instrument :

BNA\_F

ClientSampleId :

PB148592BS

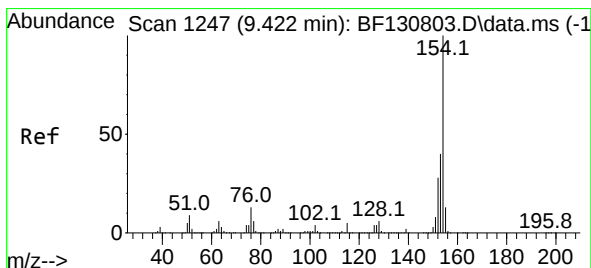
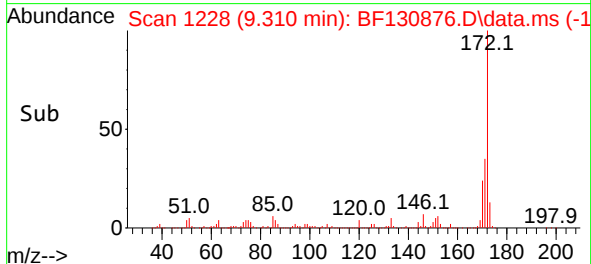
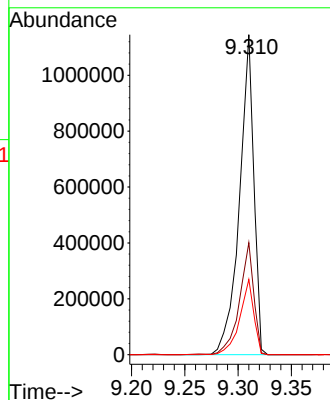
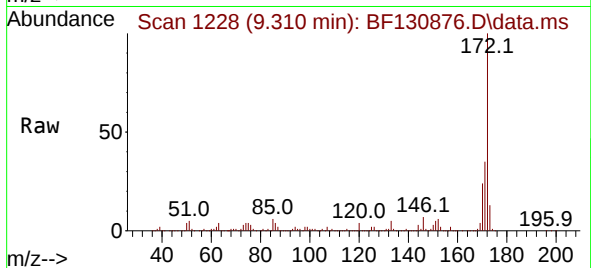
Tgt Ion:172 Resp: 1079027

Ion Ratio Lower Upper

172 100

171 35.0 28.1 42.1

170 23.5 19.0 28.4



#46

1,1'-Biphenyl

Concen: 44.800 ng

RT: 9.410 min Scan# 1245

Delta R.T. -0.006 min

Lab File: BF130876.D

Acq: 31 Oct 2022 13:05

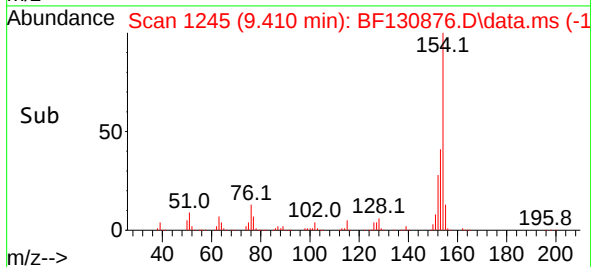
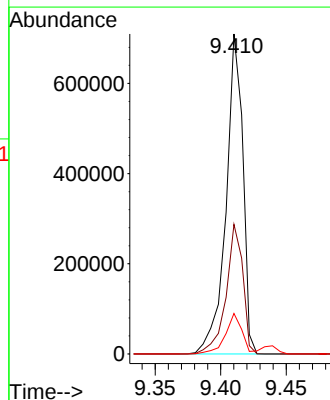
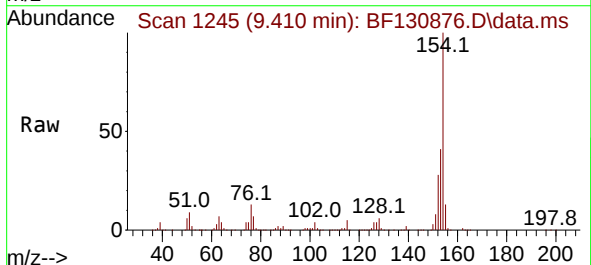
Tgt Ion:154 Resp: 632302

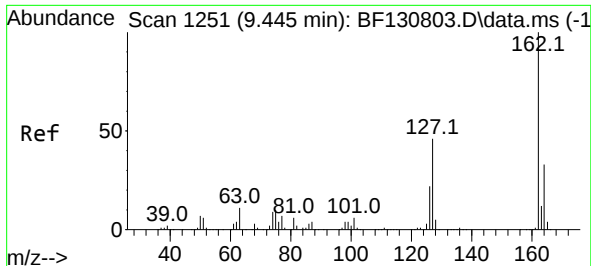
Ion Ratio Lower Upper

154 100

153 40.5 19.9 59.9

76 12.6 0.0 32.5





#47

2-Chloronaphthalene

Concen: 43.178 ng

RT: 9.439 min Scan# 1250

Delta R.T. 0.000 min

Lab File: BF130876.D

Acq: 31 Oct 2022 13:05

Instrument :

BNA\_F

ClientSampleId :

PB148592BS

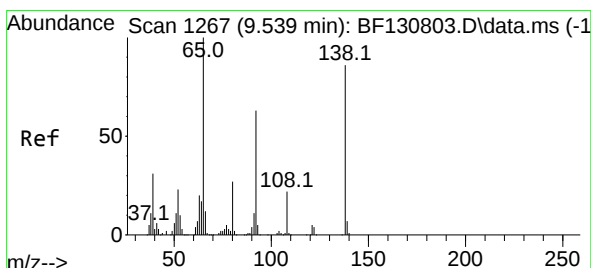
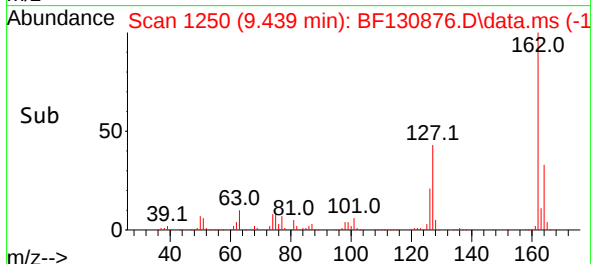
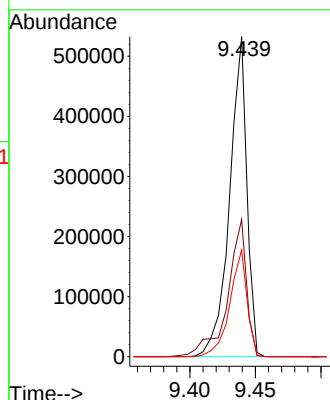
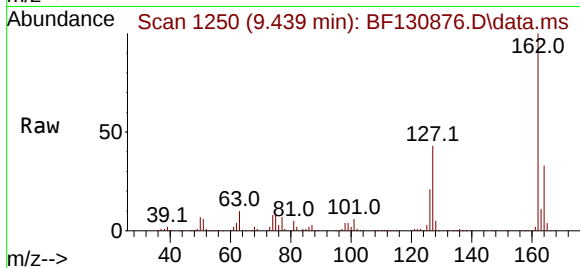
Tgt Ion:162 Resp: 488654

Ion Ratio Lower Upper

162 100

127 42.8 36.6 54.8

164 33.3 26.5 39.7



#48

2-Nitroaniline

Concen: 49.966 ng

RT: 9.534 min Scan# 1266

Delta R.T. 0.000 min

Lab File: BF130876.D

Acq: 31 Oct 2022 13:05

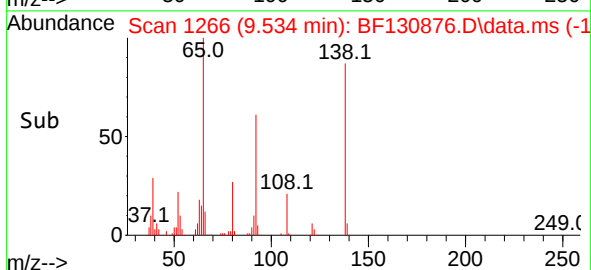
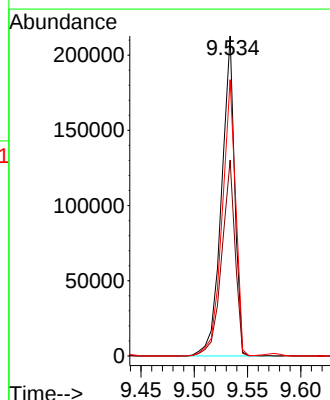
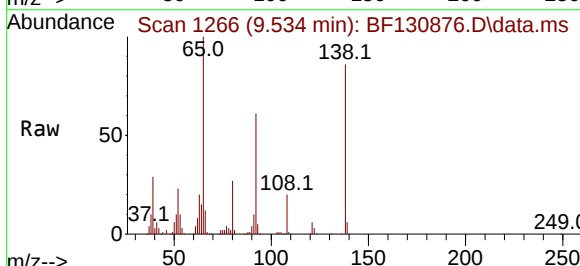
Tgt Ion: 65 Resp: 182508

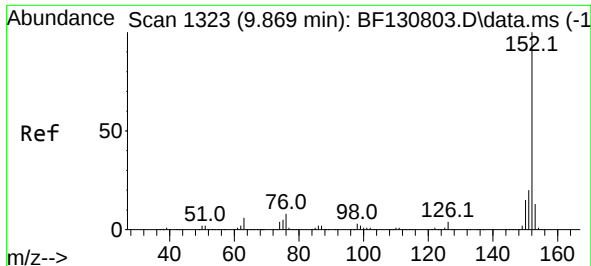
Ion Ratio Lower Upper

65 100

92 61.2 50.1 75.1

138 86.3 69.2 103.8





#49

Acenaphthylene

Concen: 42.333 ng

RT: 9.857 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF130876.D

Acq: 31 Oct 2022 13:05

Instrument :

BNA\_F

ClientSampleId :

PB148592BS

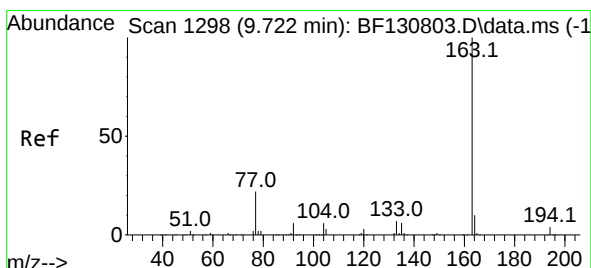
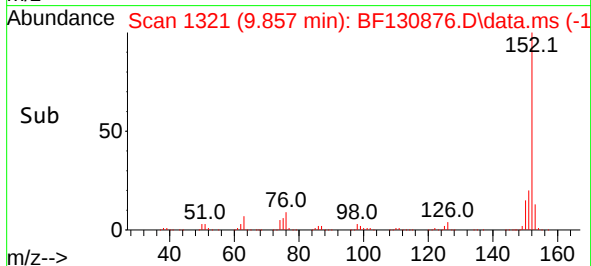
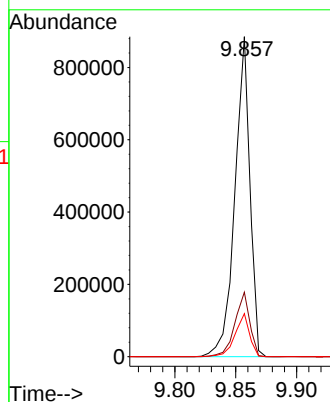
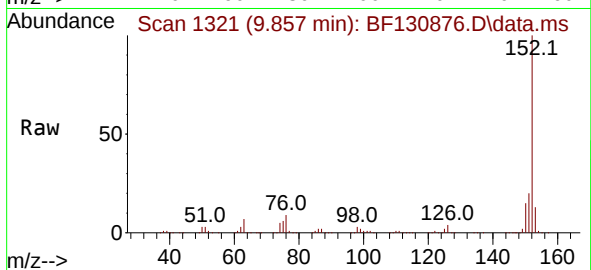
Tgt Ion:152 Resp: 757088

Ion Ratio Lower Upper

152 100

151 20.2 15.8 23.8

153 13.5 10.2 15.4



#50

Dimethylphthalate

Concen: 42.335 ng

RT: 9.716 min Scan# 1297

Delta R.T. 0.000 min

Lab File: BF130876.D

Acq: 31 Oct 2022 13:05

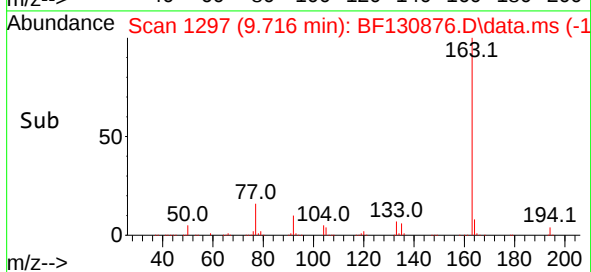
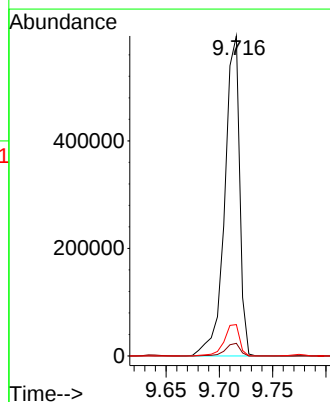
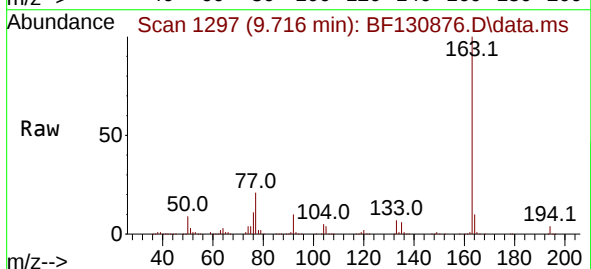
Tgt Ion:163 Resp: 576043

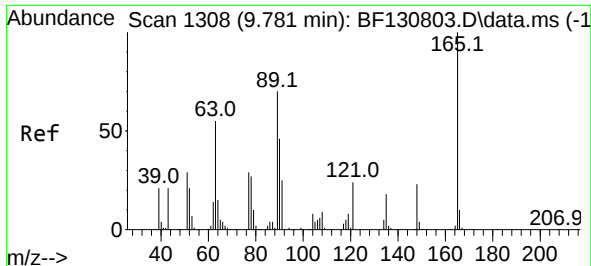
Ion Ratio Lower Upper

163 100

194 4.0 3.2 4.8

164 9.8 8.0 12.0





#51

2,6-Dinitrotoluene

Concen: 48.879 ng

RT: 9.775 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF130876.D

Acq: 31 Oct 2022 13:05

Instrument :

BNA\_F

ClientSampleId :

PB148592BS

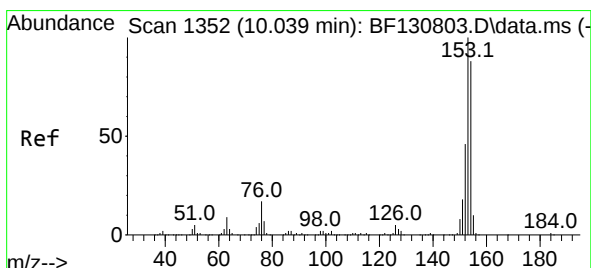
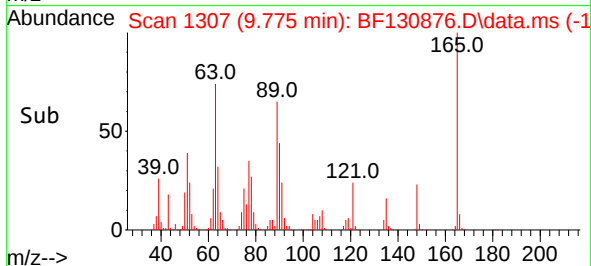
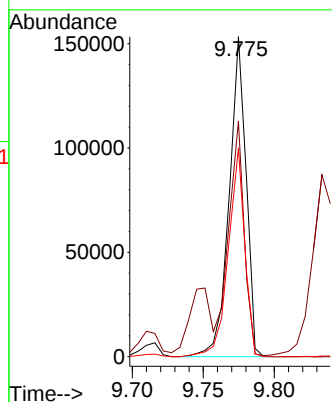
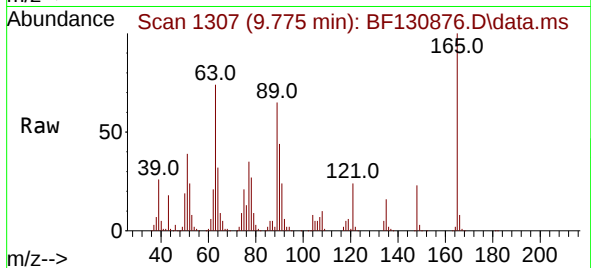
Tgt Ion:165 Resp: 126569

Ion Ratio Lower Upper

165 100

63 73.6 61.8 92.8

89 65.3 56.2 84.4



#52

Acenaphthene

Concen: 43.071 ng

RT: 10.028 min Scan# 1350

Delta R.T. -0.006 min

Lab File: BF130876.D

Acq: 31 Oct 2022 13:05

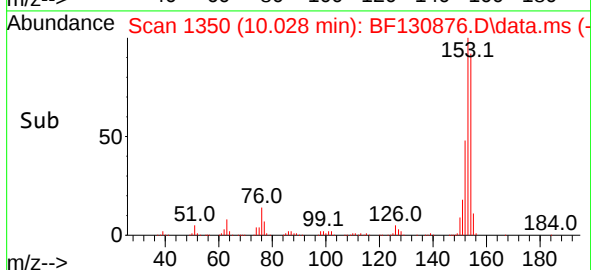
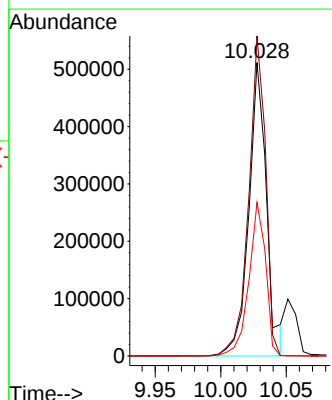
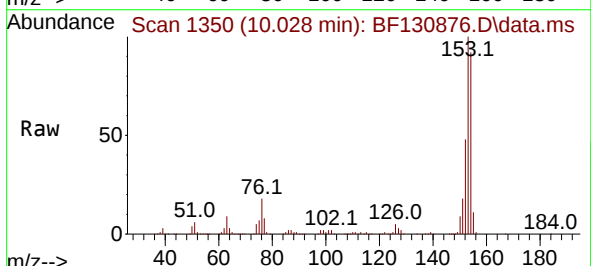
Tgt Ion:154 Resp: 476314

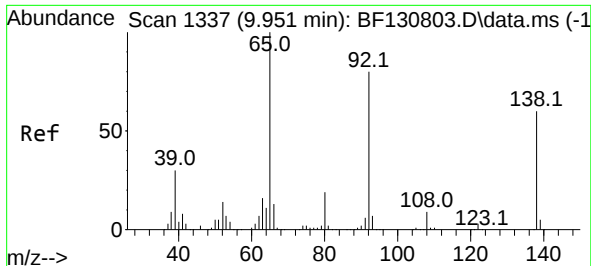
Ion Ratio Lower Upper

154 100

153 109.1 90.5 135.7

152 52.3 42.0 63.0

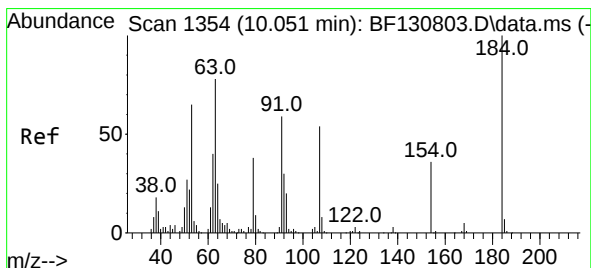
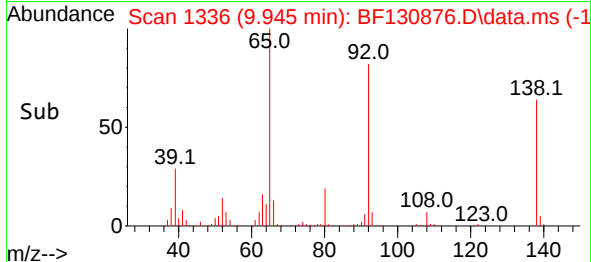
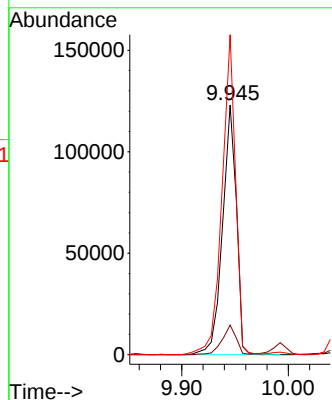
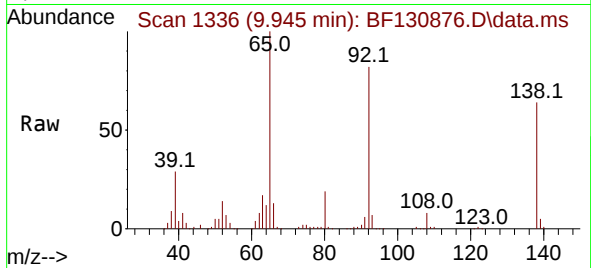




#53  
3-Nitroaniline  
Concen: 41.717 ng  
RT: 9.945 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF130876.D  
Acq: 31 Oct 2022 13:05

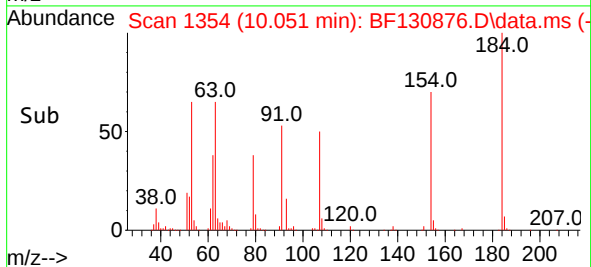
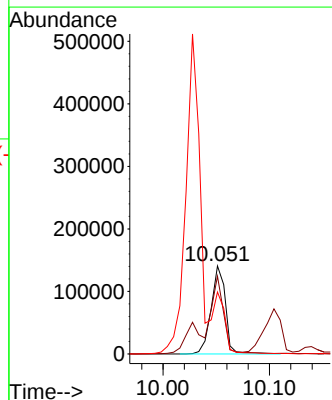
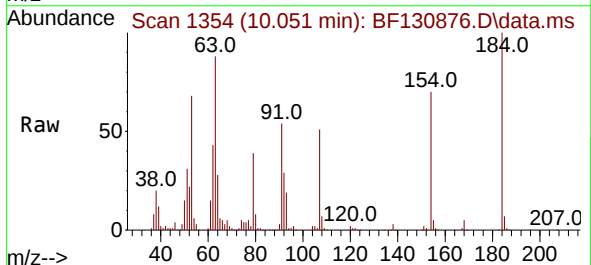
Instrument :  
BNA\_F  
ClientSampleId :  
PB148592BS

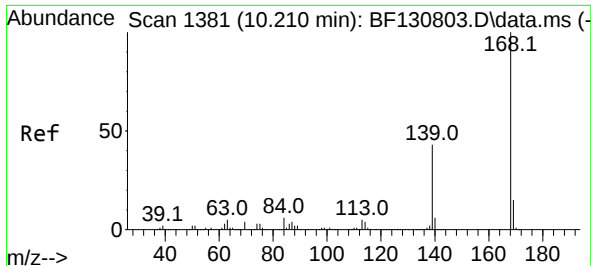
Tgt Ion:138 Resp: 110561  
Ion Ratio Lower Upper  
138 100  
108 11.9 12.7 19.1#  
92 128.2 107.8 161.8



#54  
2,4-Dinitrophenol  
Concen: 97.358 ng  
RT: 10.051 min Scan# 1354  
Delta R.T. 0.006 min  
Lab File: BF130876.D  
Acq: 31 Oct 2022 13:05

Tgt Ion:184 Resp: 133019  
Ion Ratio Lower Upper  
184 100  
63 88.4 66.7 100.1  
154 70.3 62.2 93.2

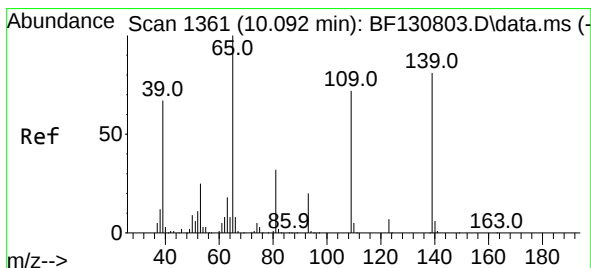
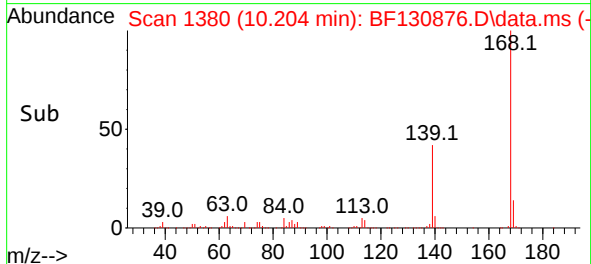
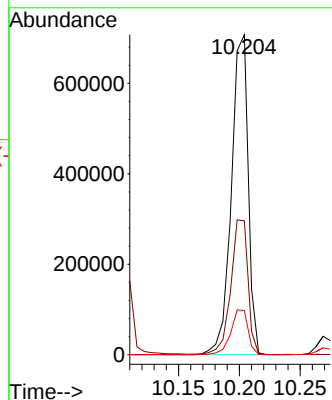
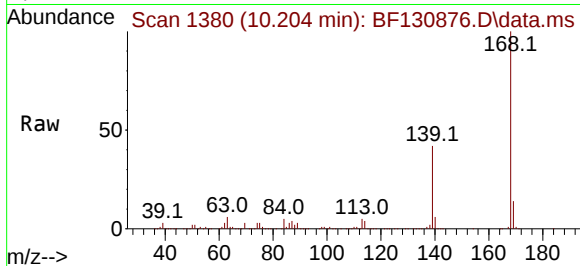




#55  
Dibenzenofuran  
Concen: 42.546 ng  
RT: 10.204 min Scan# 1380  
Delta R.T. 0.000 min  
Lab File: BF130876.D  
Acq: 31 Oct 2022 13:05

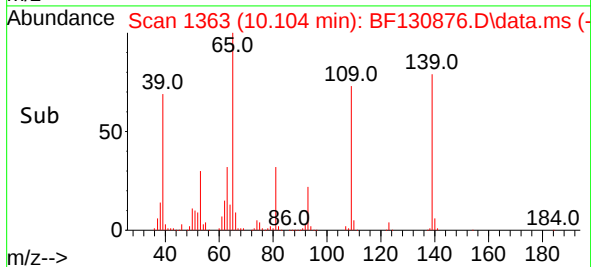
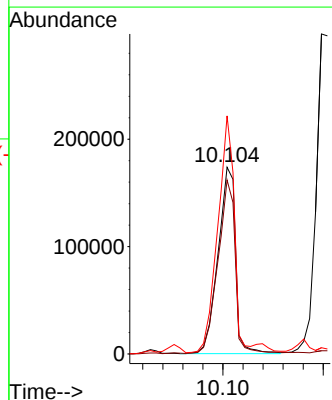
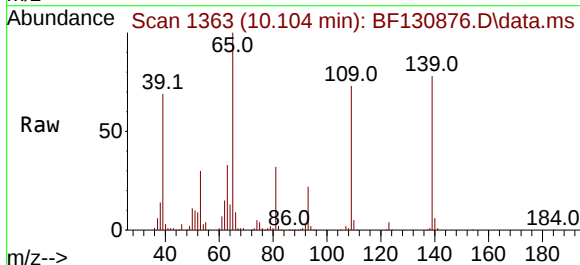
Instrument :  
BNA\_F  
ClientSampleId :  
PB148592BS

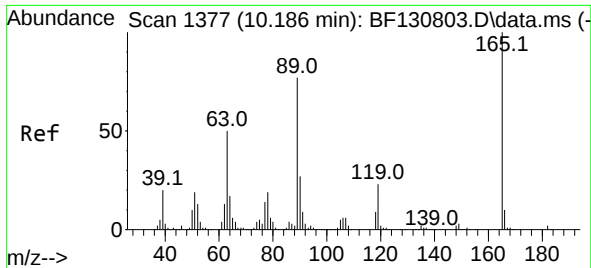
Tgt Ion:168 Resp: 681987  
Ion Ratio Lower Upper  
168 100  
139 41.9 34.3 51.5  
169 13.8 11.9 17.9



#56  
4-Nitrophenol  
Concen: 100.773 ng  
RT: 10.104 min Scan# 1363  
Delta R.T. 0.012 min  
Lab File: BF130876.D  
Acq: 31 Oct 2022 13:05

Tgt Ion:139 Resp: 211471  
Ion Ratio Lower Upper  
139 100  
109 93.2 69.3 109.3  
65 127.4 105.3 145.3

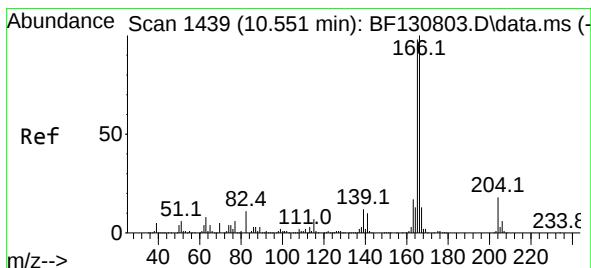
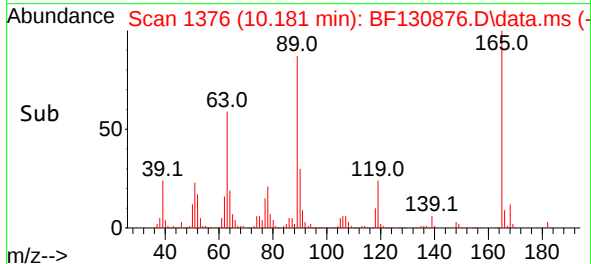
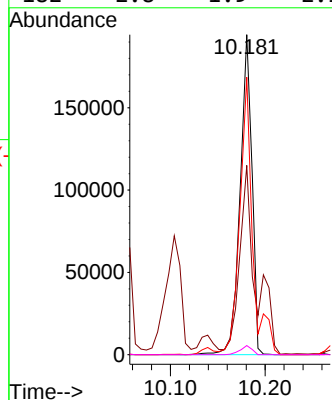
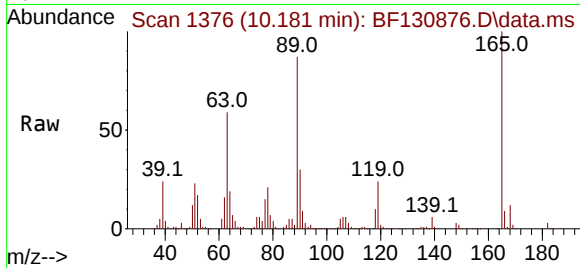




#57  
2,4-Dinitrotoluene  
Concen: 51.639 ng  
RT: 10.181 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF130876.D  
Acq: 31 Oct 2022 13:05

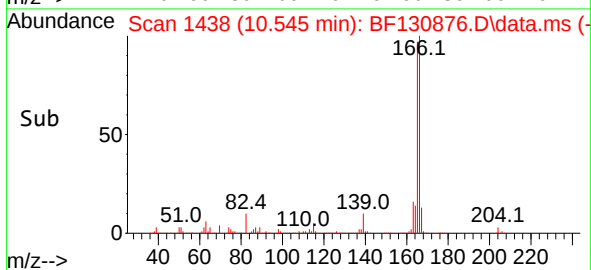
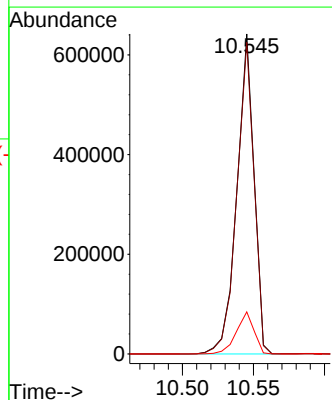
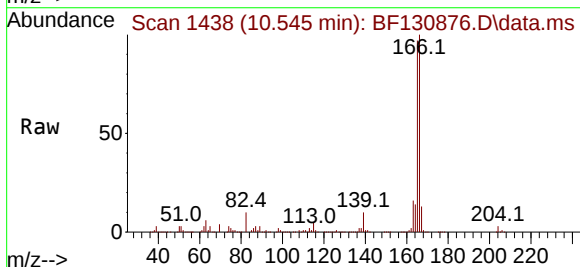
Instrument :  
BNA\_F  
ClientSampleId :  
PB148592BS

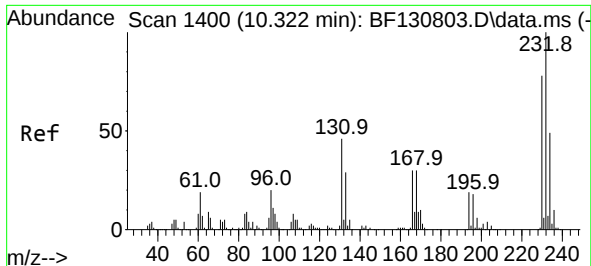
Tgt Ion:165 Resp: 168807  
Ion Ratio Lower Upper  
165 100  
63 59.2 39.8 59.6  
89 86.7 61.9 92.9  
182 2.8 1.9 2.9



#58  
Fluorene  
Concen: 42.838 ng  
RT: 10.545 min Scan# 1438  
Delta R.T. 0.000 min  
Lab File: BF130876.D  
Acq: 31 Oct 2022 13:05

Tgt Ion:166 Resp: 540695  
Ion Ratio Lower Upper  
166 100  
165 97.3 78.1 117.1  
167 13.2 10.4 15.6

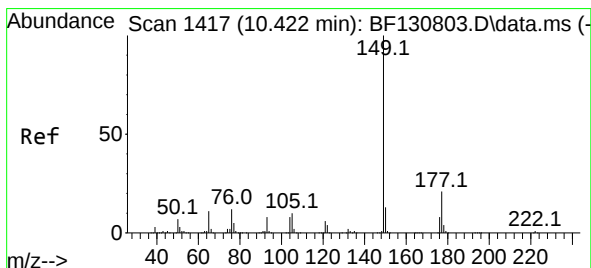
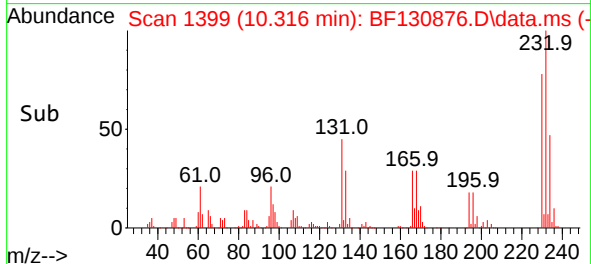
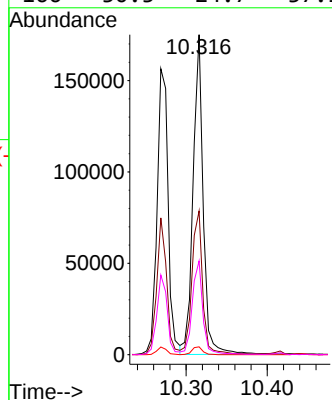
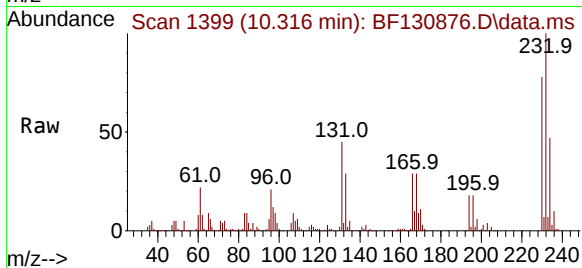




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 44.170 ng  
RT: 10.316 min Scan# 1416  
Delta R.T. 0.006 min  
Lab File: BF130876.D  
Acq: 31 Oct 2022 13:05

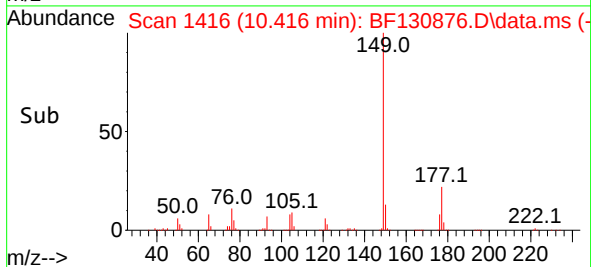
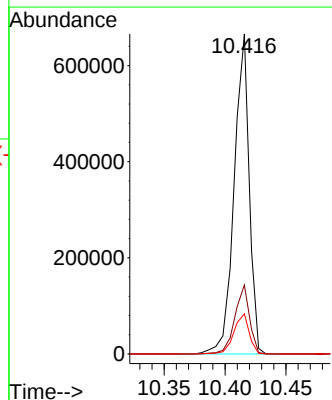
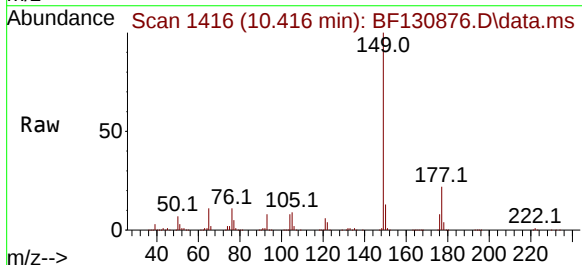
Instrument :  
BNA\_F  
ClientSampleId :  
PB148592BS

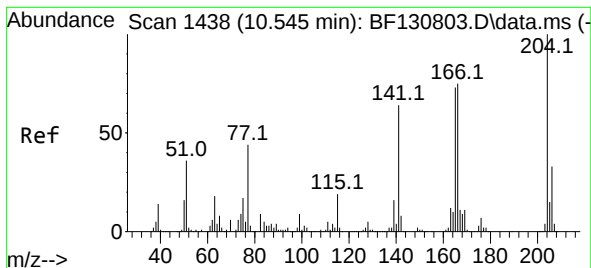
Tgt Ion:232 Resp: 151878  
Ion Ratio Lower Upper  
232 100  
131 46.9 39.6 59.4  
130 2.6 2.1 3.1  
166 30.3 24.7 37.1



#60  
Diethylphthalate  
Concen: 42.878 ng  
RT: 10.416 min Scan# 1416  
Delta R.T. 0.000 min  
Lab File: BF130876.D  
Acq: 31 Oct 2022 13:05

Tgt Ion:149 Resp: 573783  
Ion Ratio Lower Upper  
149 100  
177 21.6 17.2 25.8  
150 12.6 10.8 16.2

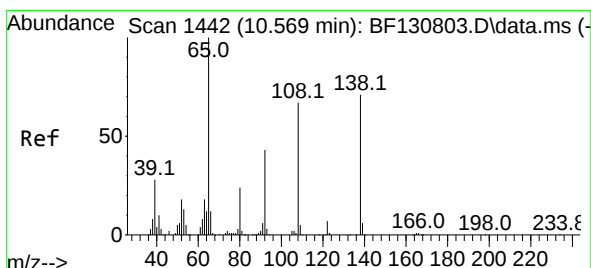
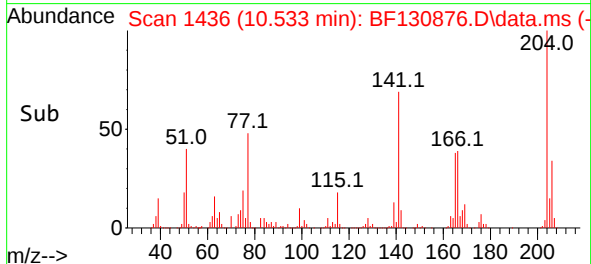
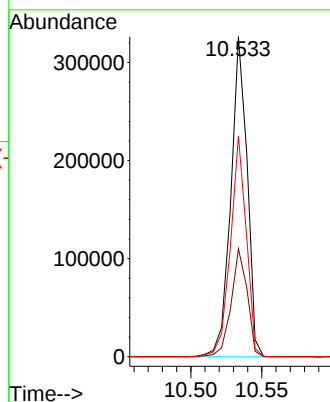
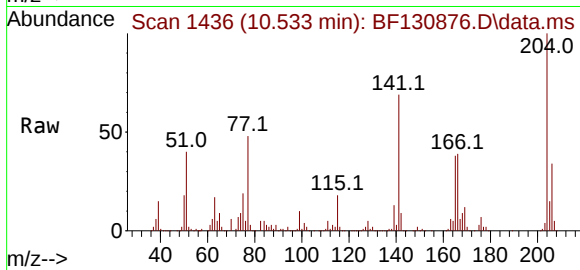




#61  
4-Chlorophenyl-phenylether  
Concen: 43.128 ng  
RT: 10.533 min Scan# 1436  
Delta R.T. 0.000 min  
Lab File: BF130876.D  
Acq: 31 Oct 2022 13:05

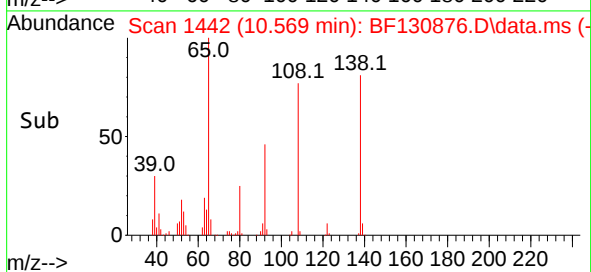
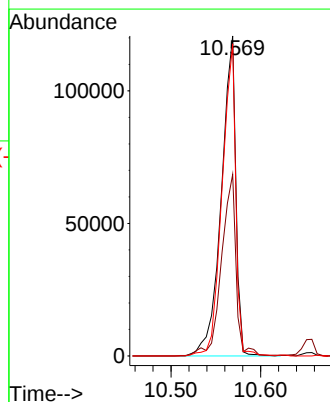
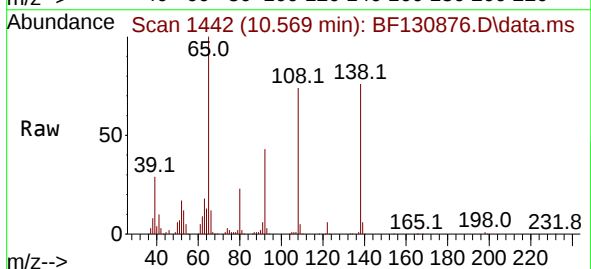
Instrument :  
BNA\_F  
ClientSampleId :  
PB148592BS

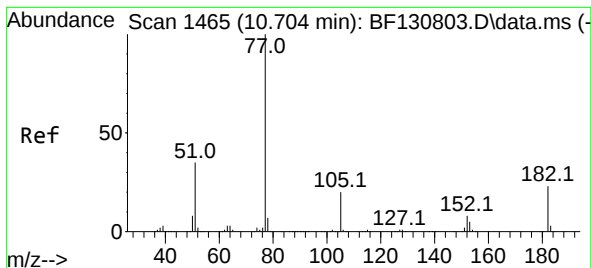
Tgt Ion:204 Resp: 260414  
Ion Ratio Lower Upper  
204 100  
206 33.7 26.6 39.8  
141 69.0 51.3 76.9



#62  
4-Nitroaniline  
Concen: 50.651 ng  
RT: 10.569 min Scan# 1442  
Delta R.T. 0.006 min  
Lab File: BF130876.D  
Acq: 31 Oct 2022 13:05

Tgt Ion:138 Resp: 135930  
Ion Ratio Lower Upper  
138 100  
92 56.8 40.6 80.6  
108 97.6 74.7 114.7





#63

Azobenzene

Concen: 41.687 ng

RT: 10.698 min Scan# 1464

Delta R.T. 0.000 min

Lab File: BF130876.D

Acq: 31 Oct 2022 13:05

Instrument :

BNA\_F

ClientSampleId :

PB148592BS

Tgt Ion: 77 Resp: 582323

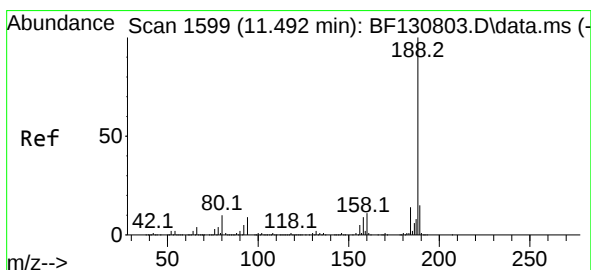
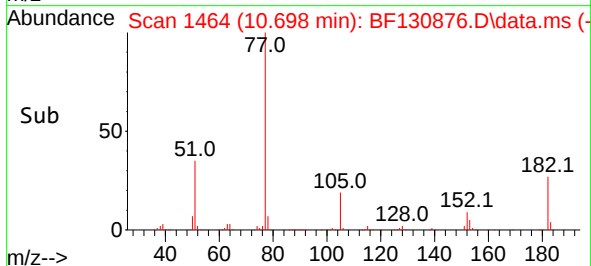
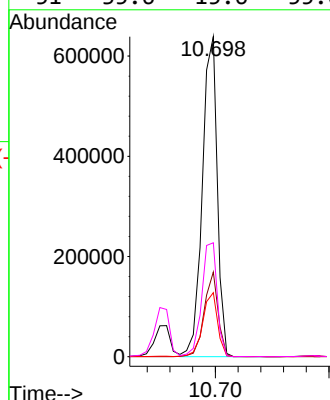
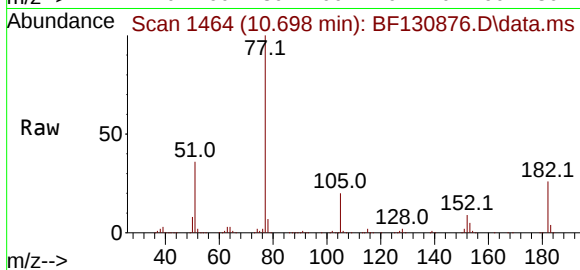
Ion Ratio Lower Upper

77 100

182 26.5 2.6 42.6

105 20.0 0.0 40.0

51 35.6 15.6 55.6



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.486 min Scan# 1598

Delta R.T. 0.000 min

Lab File: BF130876.D

Acq: 31 Oct 2022 13:05

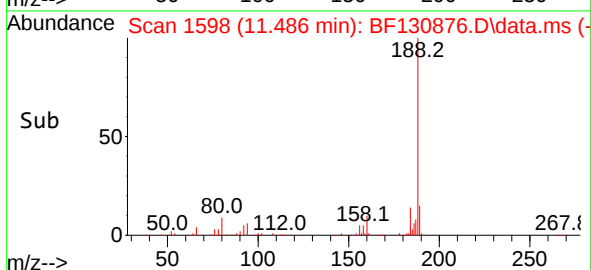
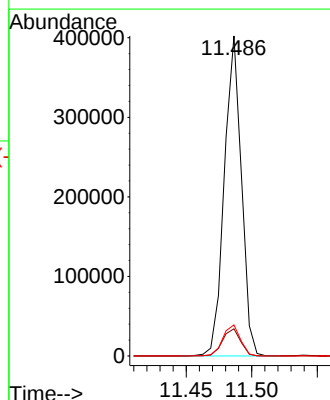
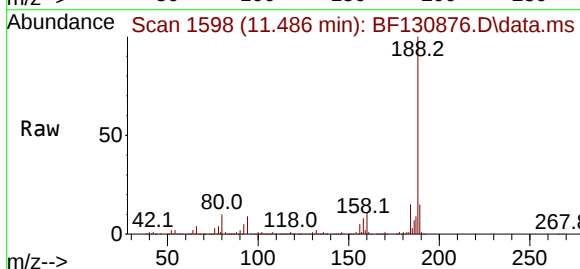
Tgt Ion:188 Resp: 364063

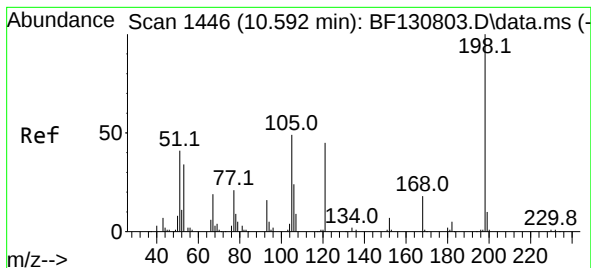
Ion Ratio Lower Upper

188 100

94 8.5 7.4 11.2

80 9.7 8.0 12.0

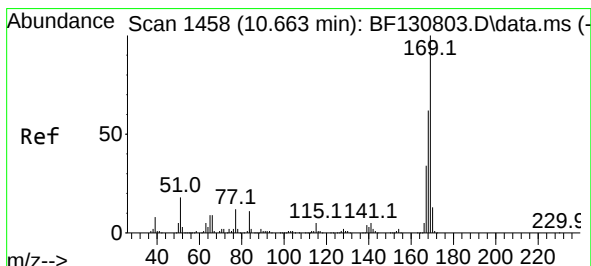
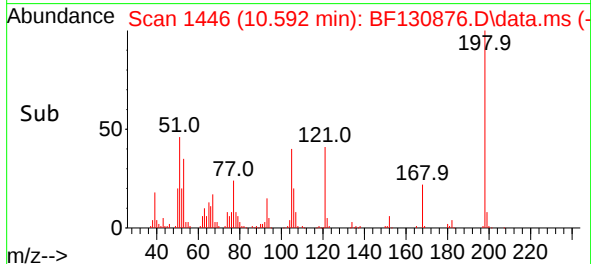
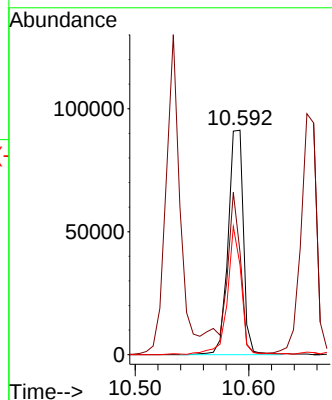
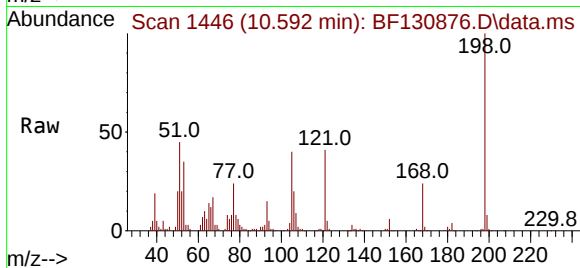




#65  
4,6-Dinitro-2-methylphenol  
Concen: 54.561 ng  
RT: 10.592 min Scan# 1446  
Delta R.T. 0.006 min  
Lab File: BF130876.D  
Acq: 31 Oct 2022 13:05

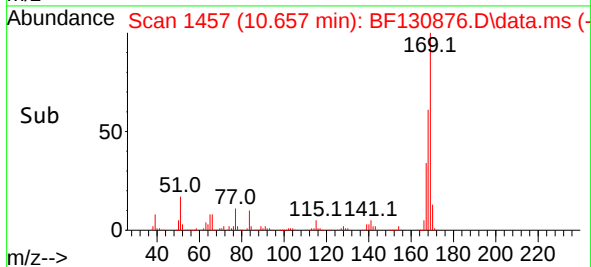
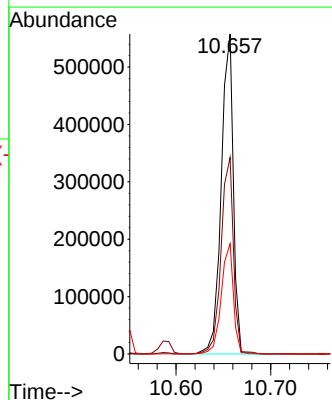
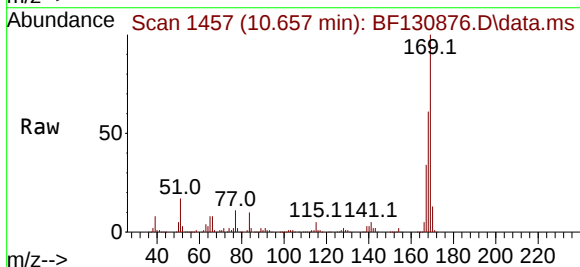
Instrument :  
BNA\_F  
ClientSampleId :  
PB148592BS

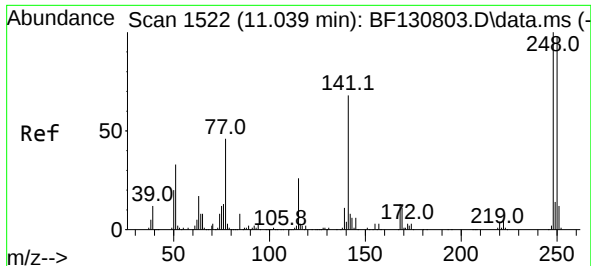
Tgt Ion:198 Resp: 84990  
Ion Ratio Lower Upper  
198 100  
51 45.5 39.0 79.0  
105 39.9 30.6 70.6



#66  
n-Nitrosodiphenylamine  
Concen: 43.488 ng  
RT: 10.657 min Scan# 1457  
Delta R.T. 0.000 min  
Lab File: BF130876.D  
Acq: 31 Oct 2022 13:05

Tgt Ion:169 Resp: 493841  
Ion Ratio Lower Upper  
169 100  
168 61.4 49.4 74.0  
167 34.4 27.4 41.2

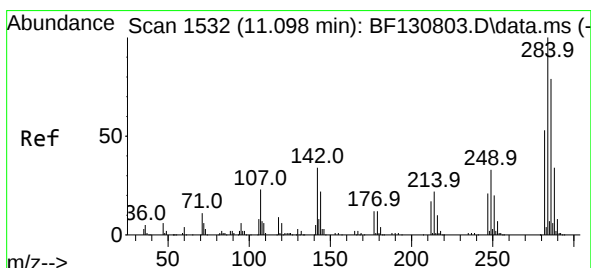
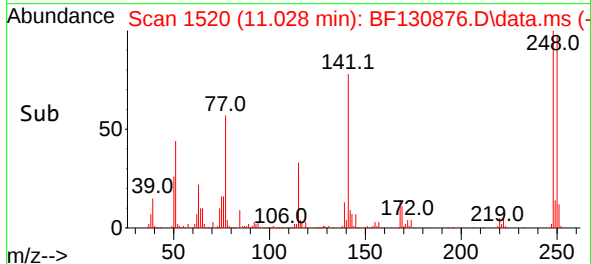
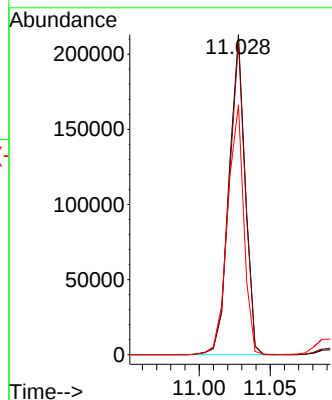
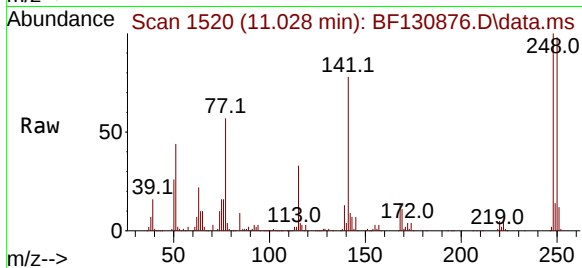




#67  
4-Bromophenyl-phenylether  
Concen: 45.944 ng  
RT: 11.028 min Scan# 1520  
Delta R.T. 0.000 min  
Lab File: BF130876.D  
Acq: 31 Oct 2022 13:05

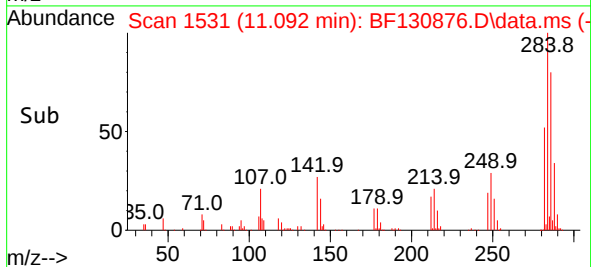
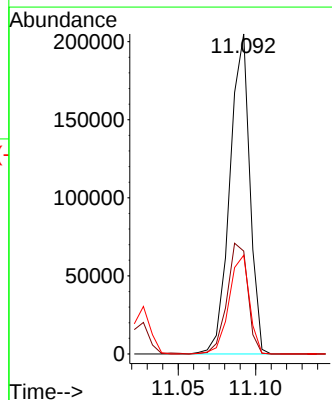
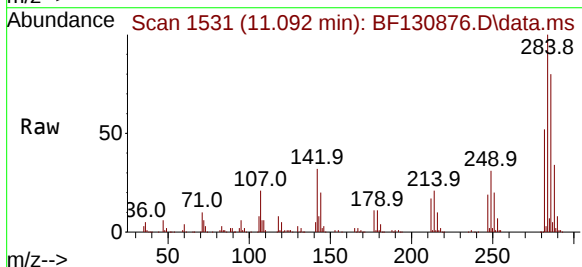
Instrument :  
BNA\_F  
ClientSampleId :  
PB148592BS

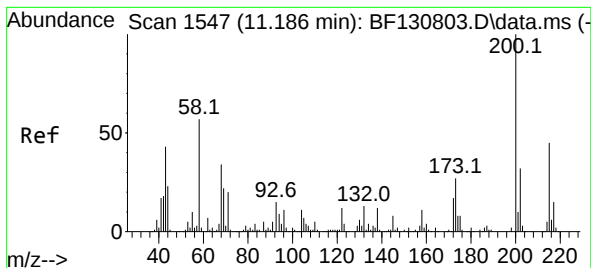
Tgt Ion:248 Resp: 168211  
Ion Ratio Lower Upper  
248 100  
250 98.0 78.6 117.8  
141 78.1 54.2 81.4



#68  
Hexachlorobenzene  
Concen: 45.420 ng  
RT: 11.092 min Scan# 1531  
Delta R.T. 0.000 min  
Lab File: BF130876.D  
Acq: 31 Oct 2022 13:05

Tgt Ion:284 Resp: 183219  
Ion Ratio Lower Upper  
284 100  
142 32.2 27.1 40.7  
249 30.8 26.6 39.8





#69

Atrazine

Concen: 48.709 ng

RT: 11.181 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF130876.D

Acq: 31 Oct 2022 13:05

Instrument :

BNA\_F

ClientSampleId :

PB148592BS

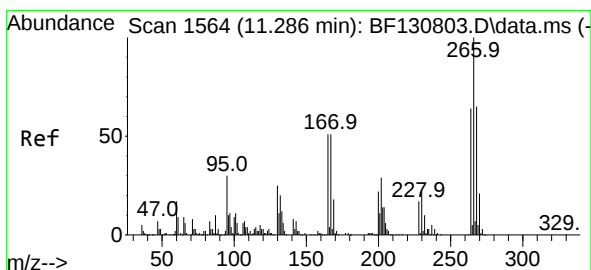
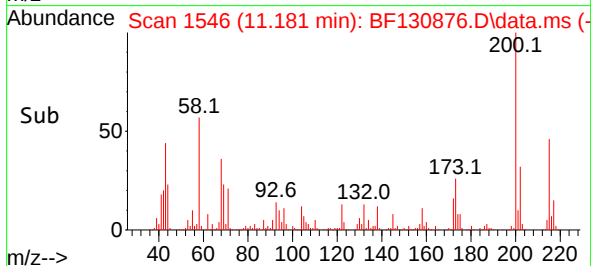
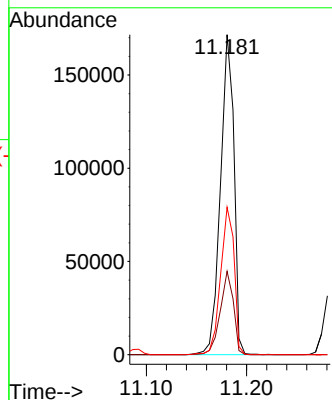
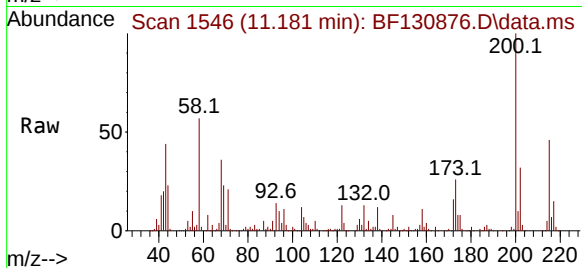
Tgt Ion:200 Resp: 159737

Ion Ratio Lower Upper

200 100

173 26.0 7.1 47.1

215 46.1 25.4 65.4



#70

Pentachlorophenol

Concen: 86.526 ng

RT: 11.286 min Scan# 1564

Delta R.T. 0.006 min

Lab File: BF130876.D

Acq: 31 Oct 2022 13:05

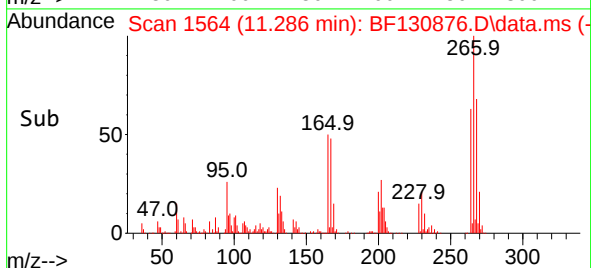
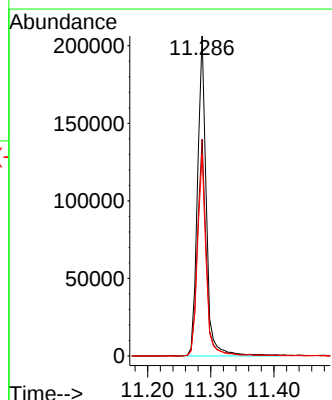
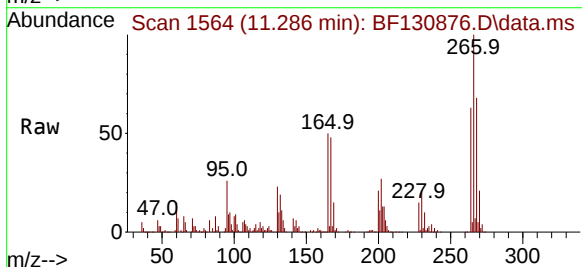
Tgt Ion:266 Resp: 199171

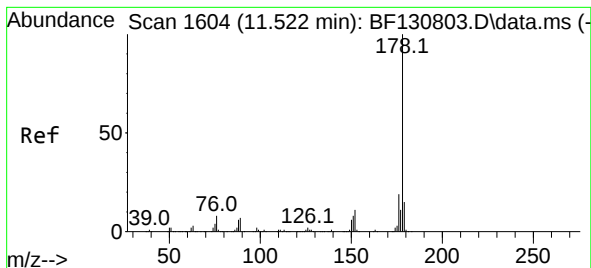
Ion Ratio Lower Upper

266 100

268 67.7 51.8 77.6

264 62.9 51.6 77.4





#71

Phenanthrene

Concen: 43.608 ng

RT: 11.516 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF130876.D

Acq: 31 Oct 2022 13:05

Instrument :

BNA\_F

ClientSampleId :

PB148592BS

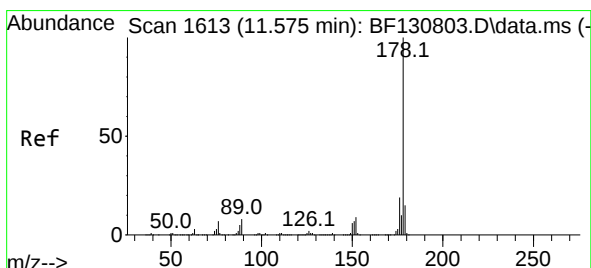
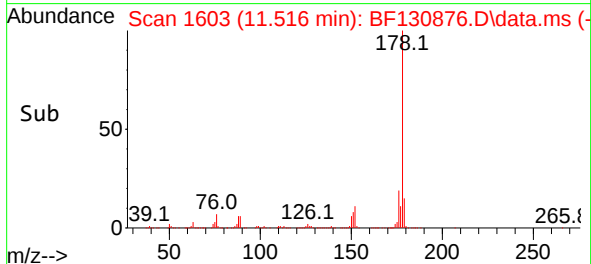
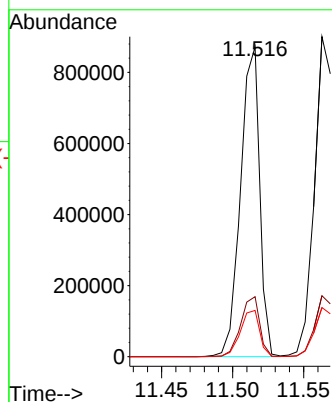
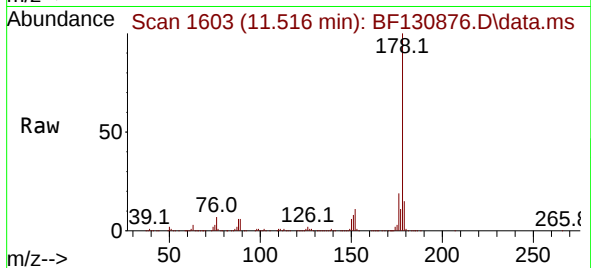
Tgt Ion:178 Resp: 819407

Ion Ratio Lower Upper

178 100

176 19.4 15.5 23.3

179 14.9 12.2 18.2



#72

Anthracene

Concen: 44.601 ng

RT: 11.563 min Scan# 1611

Delta R.T. 0.000 min

Lab File: BF130876.D

Acq: 31 Oct 2022 13:05

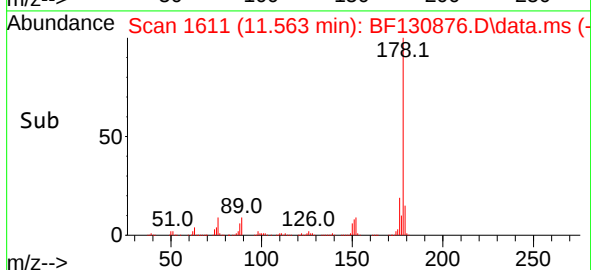
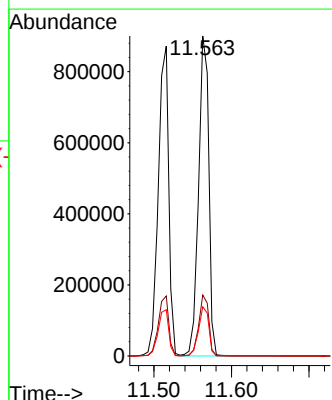
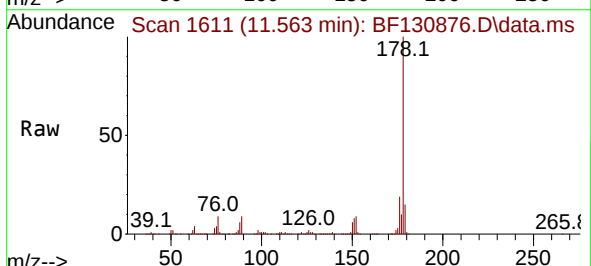
Tgt Ion:178 Resp: 826625

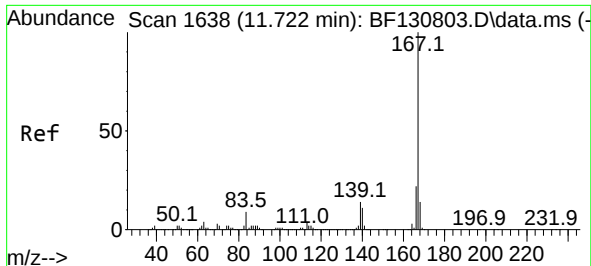
Ion Ratio Lower Upper

178 100

176 19.0 15.4 23.0

179 15.4 12.2 18.4

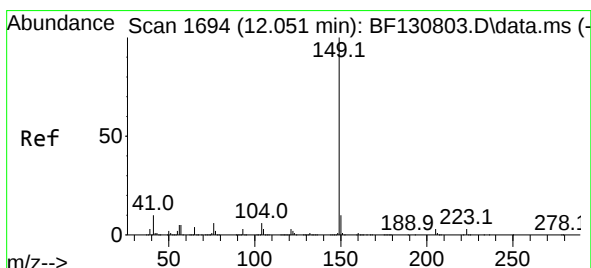
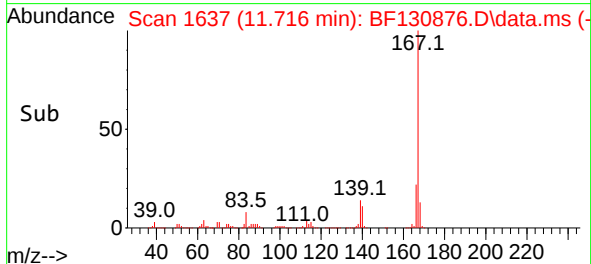
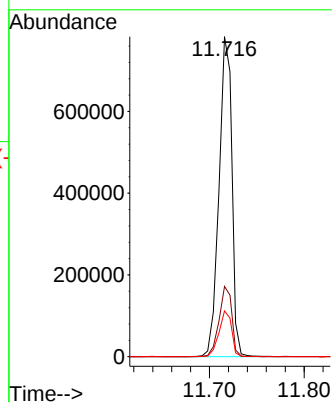
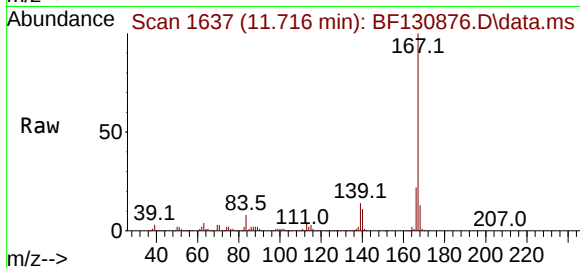




#73  
Carbazole  
Concen: 44.841 ng  
RT: 11.716 min Scan# 1637  
Delta R.T. 0.000 min  
Lab File: BF130876.D  
Acq: 31 Oct 2022 13:05

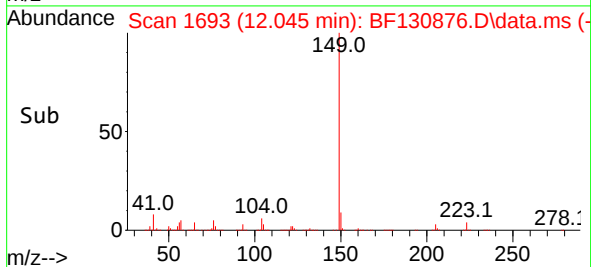
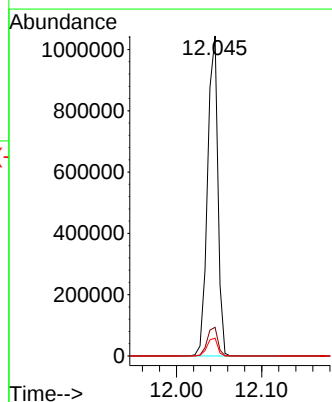
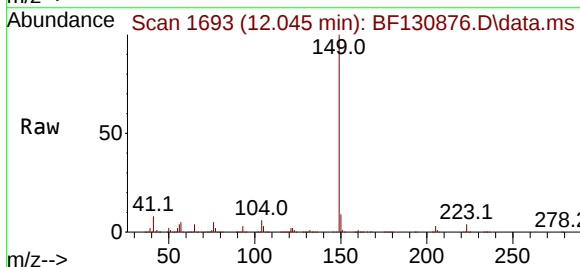
Instrument :  
BNA\_F  
ClientSampleId :  
PB148592BS

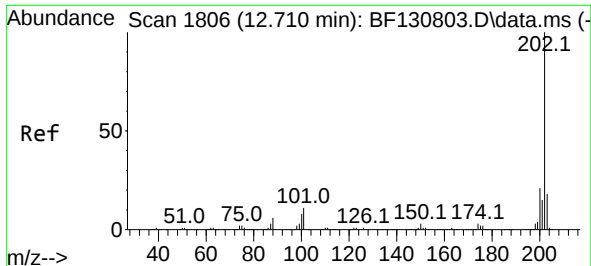
Tgt Ion:167 Resp: 744250  
Ion Ratio Lower Upper  
167 100  
166 22.0 17.4 26.0  
139 14.3 11.3 16.9



#74  
Di-n-butylphthalate  
Concen: 43.397 ng  
RT: 12.045 min Scan# 1693  
Delta R.T. 0.000 min  
Lab File: BF130876.D  
Acq: 31 Oct 2022 13:05

Tgt Ion:149 Resp: 874769  
Ion Ratio Lower Upper  
149 100  
150 8.9 7.8 11.6  
104 5.5 4.6 6.8

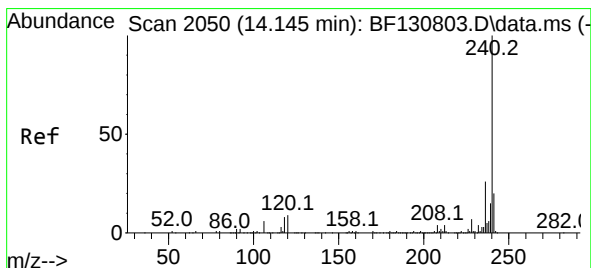
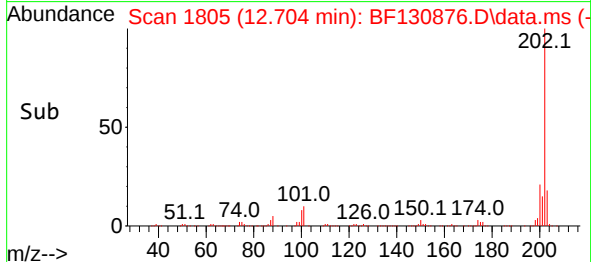
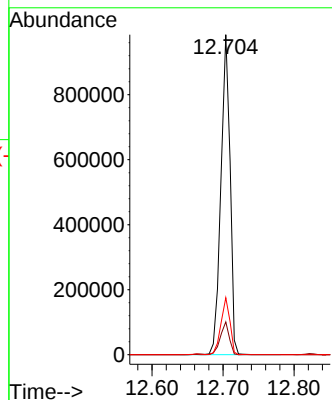
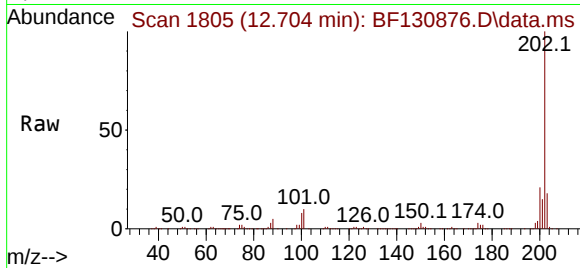




#75  
Fluoranthene  
Concen: 43.838 ng  
RT: 12.704 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF130876.D  
Acq: 31 Oct 2022 13:05

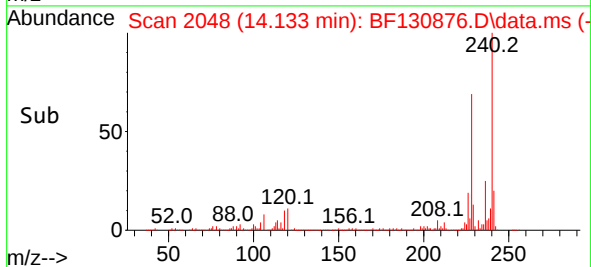
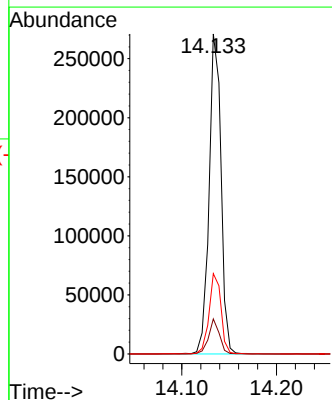
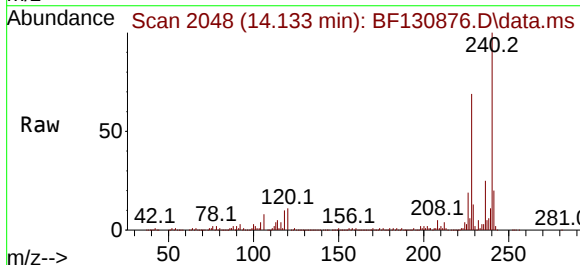
Instrument :  
BNA\_F  
ClientSampleId :  
PB148592BS

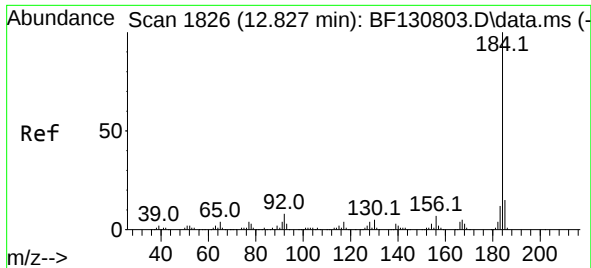
Tgt Ion:202 Resp: 875205  
Ion Ratio Lower Upper  
202 100  
101 10.3 0.0 30.9  
203 17.8 0.0 37.7



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.133 min Scan# 2048  
Delta R.T. 0.000 min  
Lab File: BF130876.D  
Acq: 31 Oct 2022 13:05

Tgt Ion:240 Resp: 235172  
Ion Ratio Lower Upper  
240 100  
120 11.0 7.0 10.4#  
236 25.1 20.5 30.7

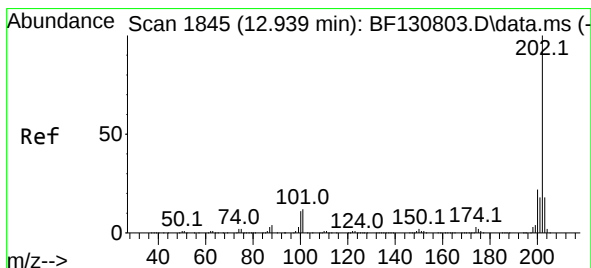
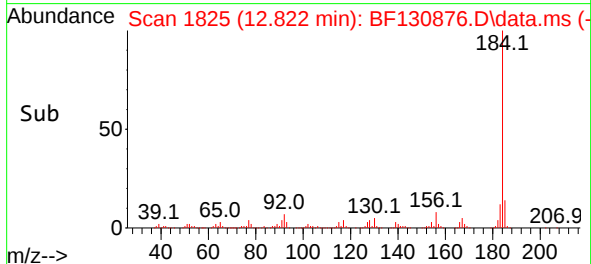
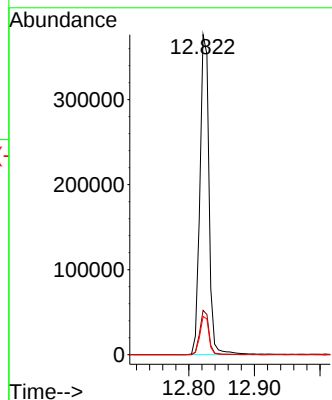
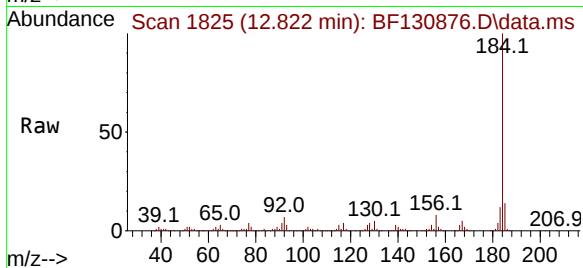




#77  
Benzidine  
Concen: 63.717 ng  
RT: 12.822 min Scan# 1825  
Delta R.T. 0.000 min  
Lab File: BF130876.D  
Acq: 31 Oct 2022 13:05

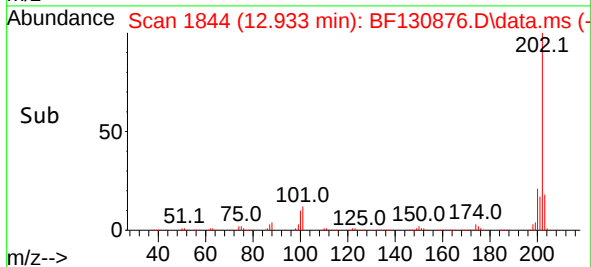
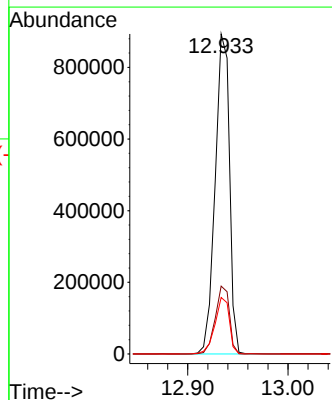
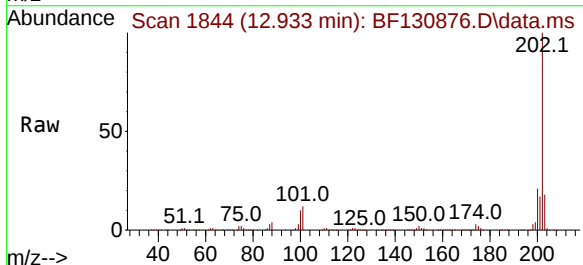
Instrument :  
BNA\_F  
ClientSampleId :  
PB148592BS

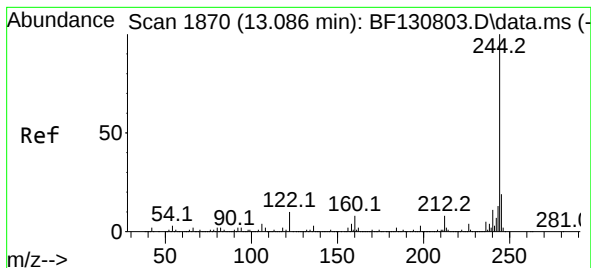
Tgt Ion:184 Resp: 363747  
Ion Ratio Lower Upper  
184 100  
185 13.8 11.8 17.8  
183 11.9 9.7 14.5



#78  
Pyrene  
Concen: 44.640 ng  
RT: 12.933 min Scan# 1844  
Delta R.T. 0.000 min  
Lab File: BF130876.D  
Acq: 31 Oct 2022 13:05

Tgt Ion:202 Resp: 885693  
Ion Ratio Lower Upper  
202 100  
200 21.2 17.2 25.8  
203 17.6 14.5 21.7





#79

Terphenyl-d14

Concen: 95.769 ng

RT: 13.074 min Scan# 1868

Delta R.T. 0.000 min

Lab File: BF130876.D

Acq: 31 Oct 2022 13:05

Instrument :

BNA\_F

ClientSampleId :

PB148592BS

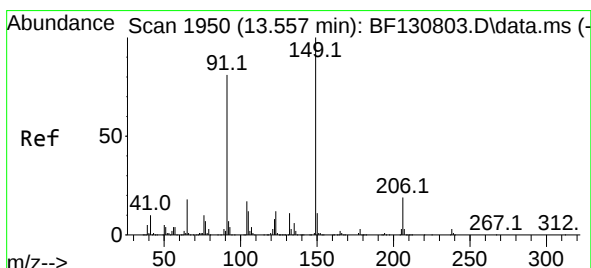
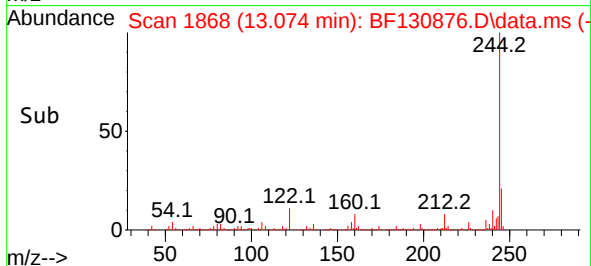
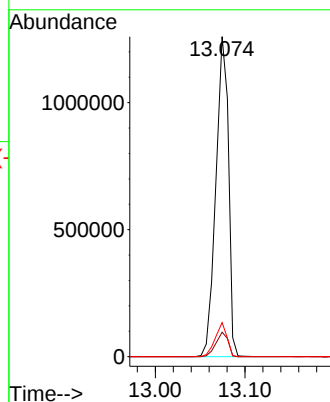
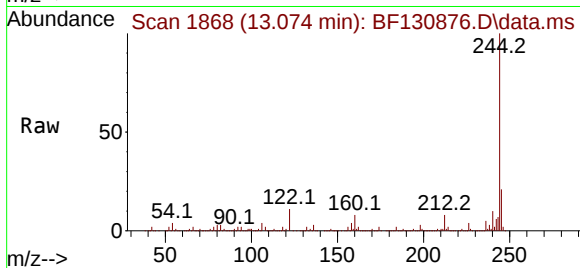
Tgt Ion:244 Resp: 1229073

Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.2

122 10.6 7.9 11.9



#80

Butylbenzylphthalate

Concen: 48.712 ng

RT: 13.551 min Scan# 1949

Delta R.T. 0.000 min

Lab File: BF130876.D

Acq: 31 Oct 2022 13:05

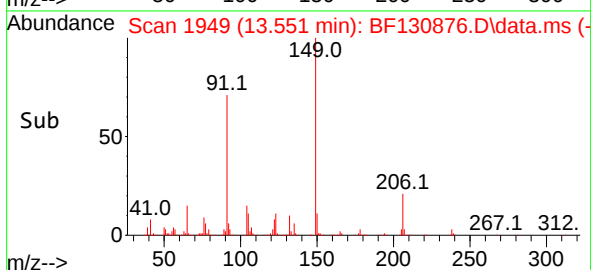
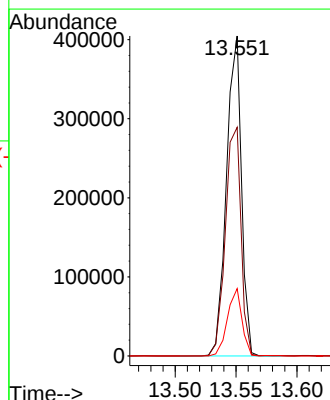
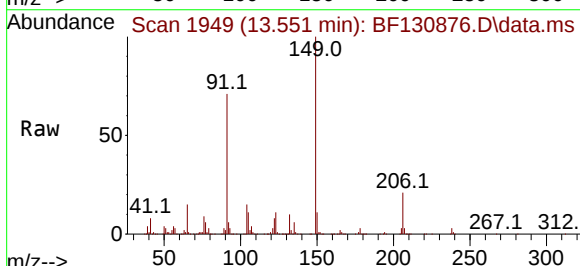
Tgt Ion:149 Resp: 347719

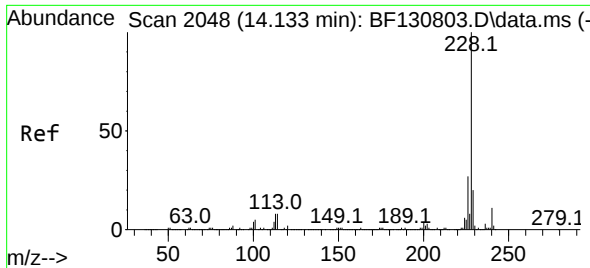
Ion Ratio Lower Upper

149 100

91 71.4 64.5 96.7

206 21.0 15.3 22.9

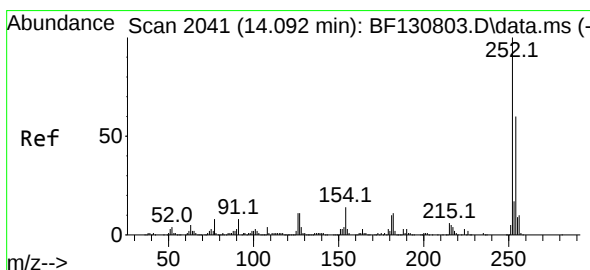
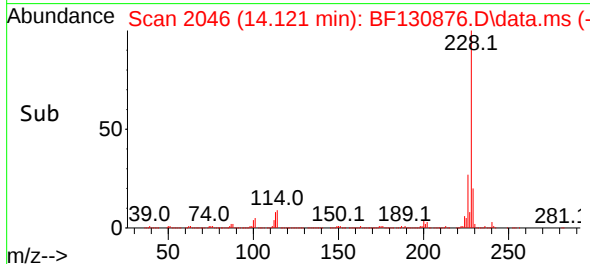
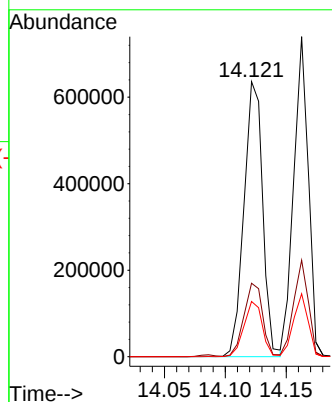
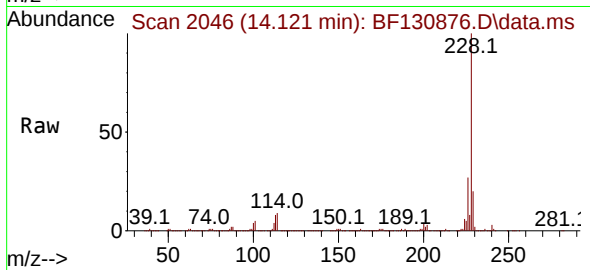




#81  
Benzo(a)anthracene  
Concen: 43.778 ng  
RT: 14.121 min Scan# 2046  
Delta R.T. 0.000 min  
Lab File: BF130876.D  
Acq: 31 Oct 2022 13:05

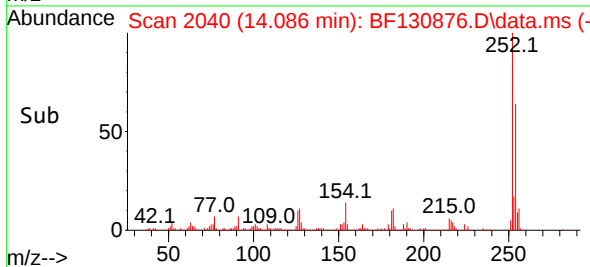
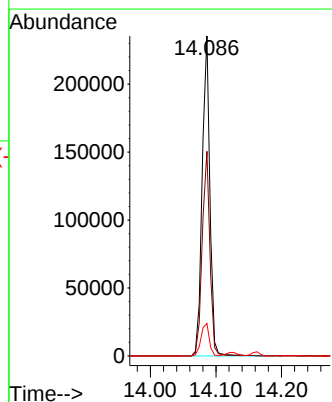
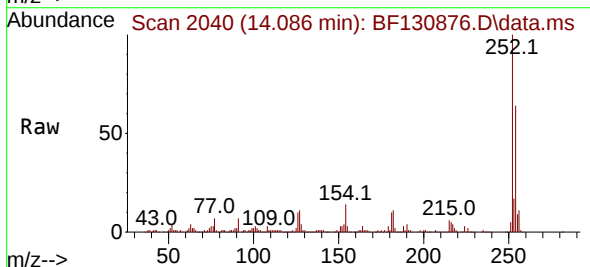
Instrument :  
BNA\_F  
ClientSampleId :  
PB148592BS

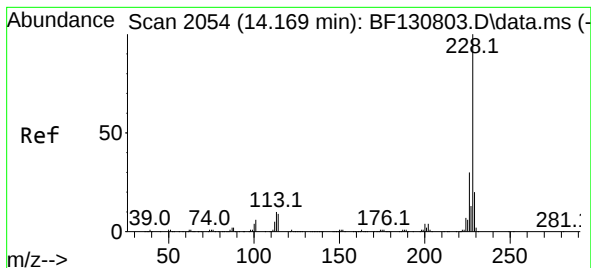
Tgt Ion:228 Resp: 682581  
Ion Ratio Lower Upper  
228 100  
226 26.7 21.4 32.2  
229 20.1 15.8 23.6



#82  
3,3'-Dichlorobenzidine  
Concen: 45.859 ng  
RT: 14.086 min Scan# 2040  
Delta R.T. 0.006 min  
Lab File: BF130876.D  
Acq: 31 Oct 2022 13:05

Tgt Ion:252 Resp: 192985  
Ion Ratio Lower Upper  
252 100  
254 63.9 47.8 71.6  
126 10.1 9.0 13.6





#83

Chrysene

Concen: 41.269 ng

RT: 14.163 min Scan# 2054

Delta R.T. 0.006 min

Lab File: BF130876.D

Acq: 31 Oct 2022 13:05

Instrument :

BNA\_F

ClientSampleId :

PB148592BS

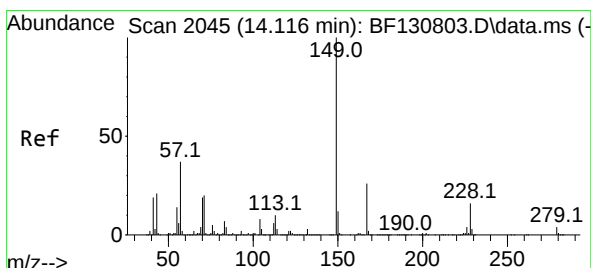
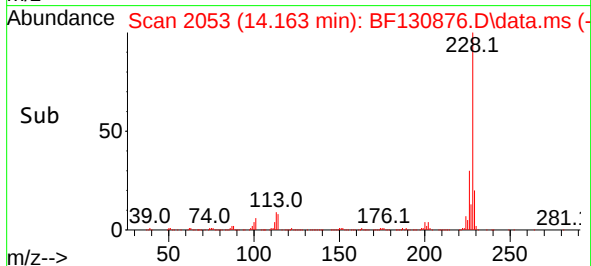
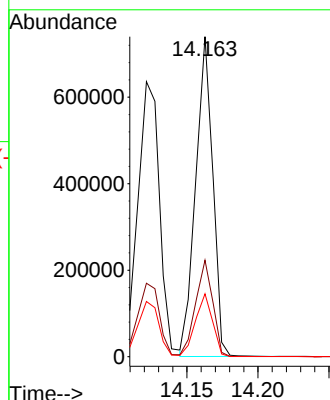
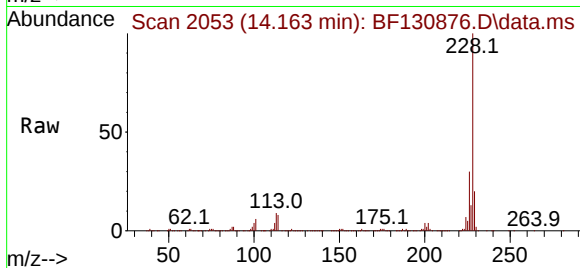
Tgt Ion:228 Resp: 620675

Ion Ratio Lower Upper

228 100

226 30.2 23.9 35.9

229 19.6 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.837 ng

RT: 14.104 min Scan# 2043

Delta R.T. 0.000 min

Lab File: BF130876.D

Acq: 31 Oct 2022 13:05

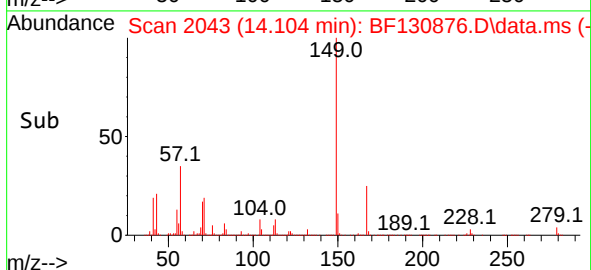
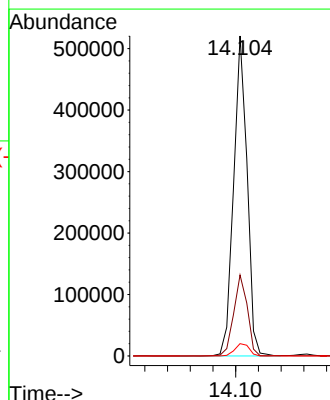
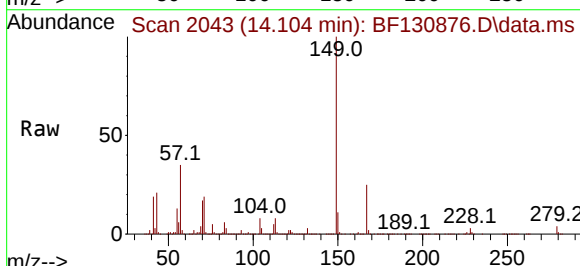
Tgt Ion:149 Resp: 427735

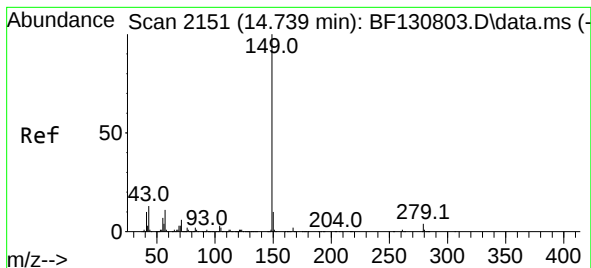
Ion Ratio Lower Upper

149 100

167 25.3 21.0 31.4

279 3.9 3.0 4.6





#85

Di-n-octyl phthalate

Concen: 47.562 ng

RT: 14.727 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF130876.D

Acq: 31 Oct 2022 13:05

Instrument :

BNA\_F

ClientSampleId :

PB148592BS

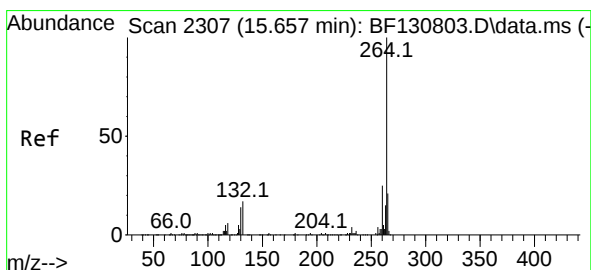
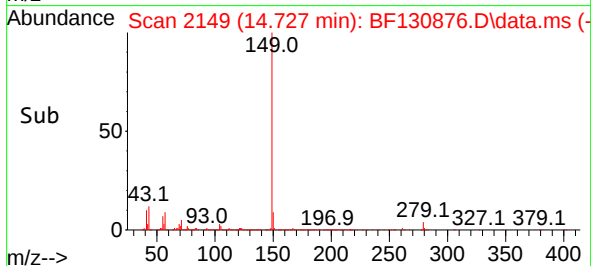
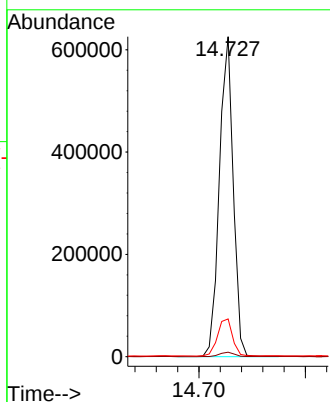
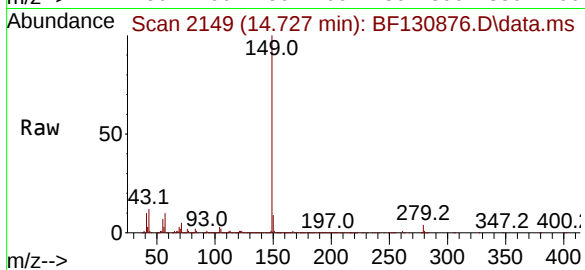
Tgt Ion:149 Resp: 563390

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 12.5 10.2 15.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.651 min Scan# 2306

Delta R.T. 0.006 min

Lab File: BF130876.D

Acq: 31 Oct 2022 13:05

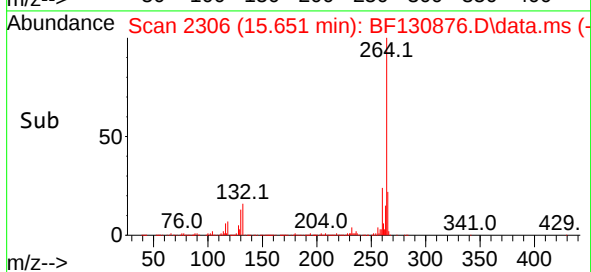
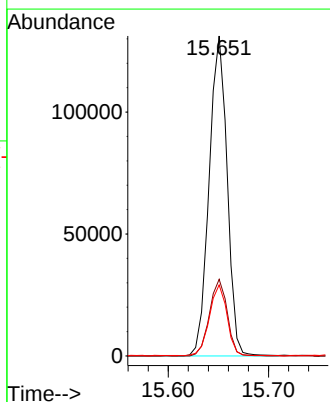
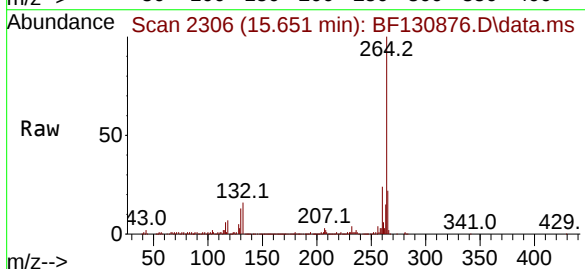
Tgt Ion:264 Resp: 164020

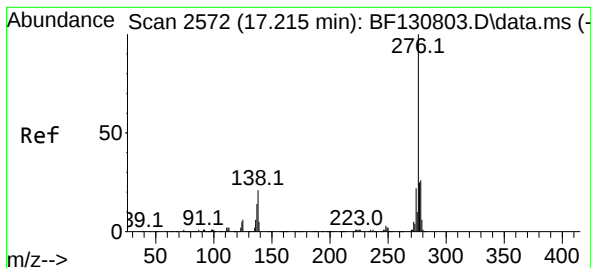
Ion Ratio Lower Upper

264 100

260 24.0 19.9 29.9

265 22.2 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 47.359 ng

RT: 17.204 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF130876.D

Acq: 31 Oct 2022 13:05

Instrument :

BNA\_F

ClientSampleId :

PB148592BS

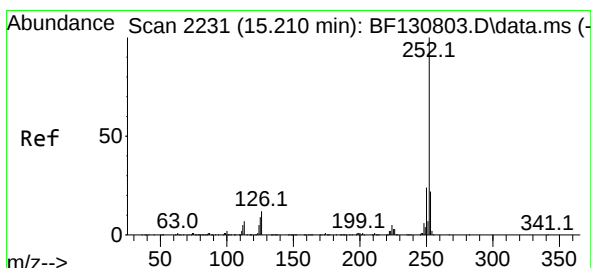
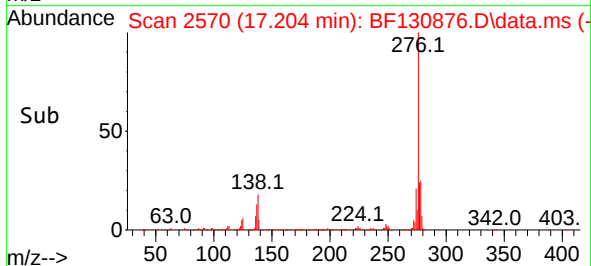
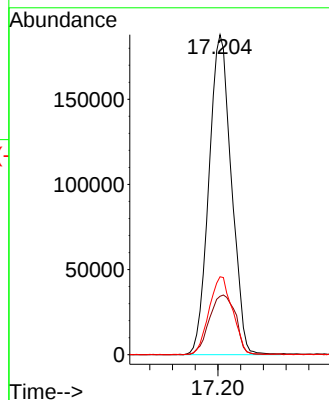
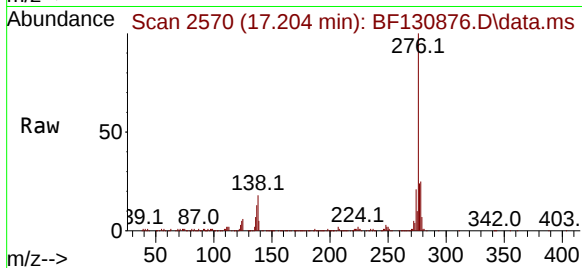
Tgt Ion:276 Resp: 515845

Ion Ratio Lower Upper

276 100

138 21.9 19.1 28.7

277 25.5 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 47.735 ng

RT: 15.198 min Scan# 2229

Delta R.T. 0.000 min

Lab File: BF130876.D

Acq: 31 Oct 2022 13:05

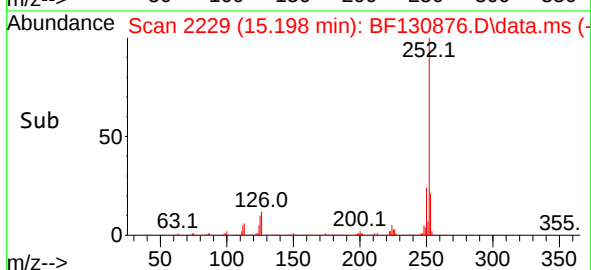
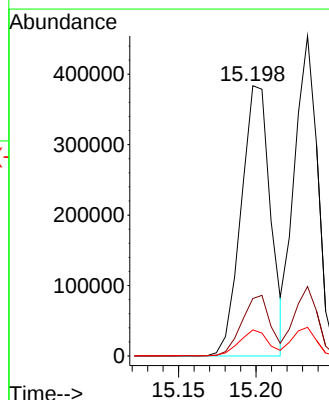
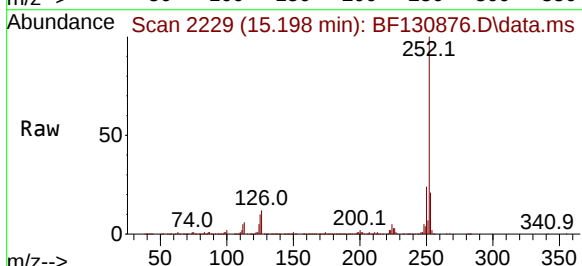
Tgt Ion:252 Resp: 506124

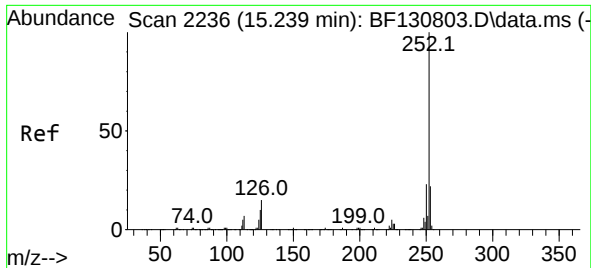
Ion Ratio Lower Upper

252 100

253 21.2 17.5 26.3

125 9.7 7.0 10.4

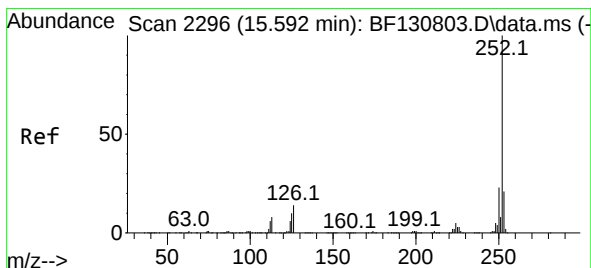
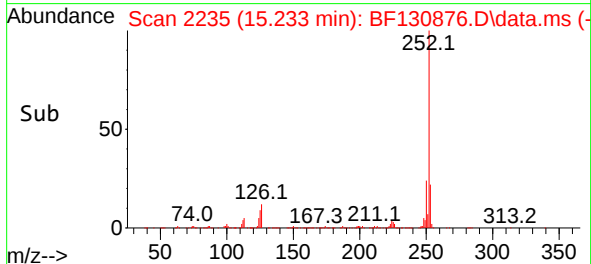
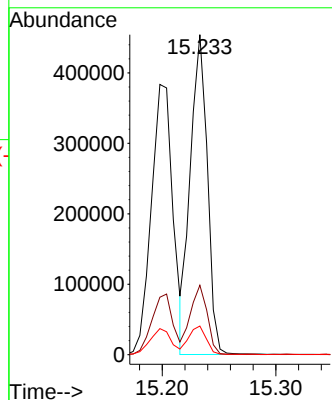
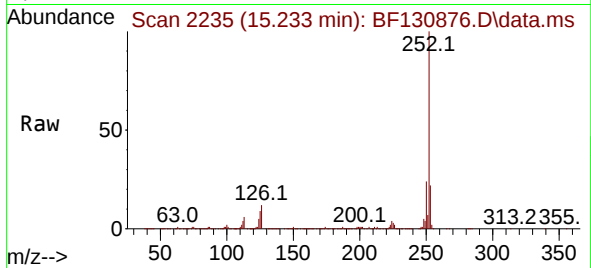




#89  
Benzo(k)fluoranthene  
Concen: 45.907 ng  
RT: 15.233 min Scan# 21  
Delta R.T. 0.006 min  
Lab File: BF130876.D  
Acq: 31 Oct 2022 13:05

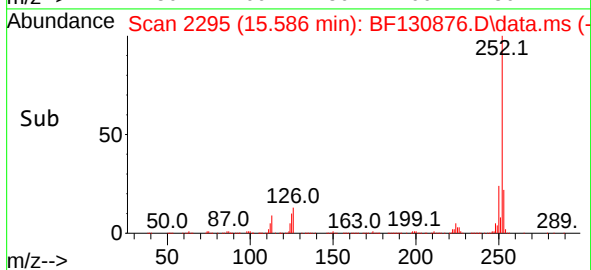
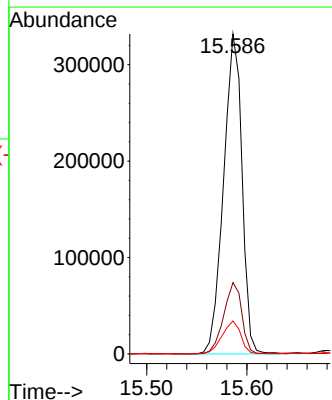
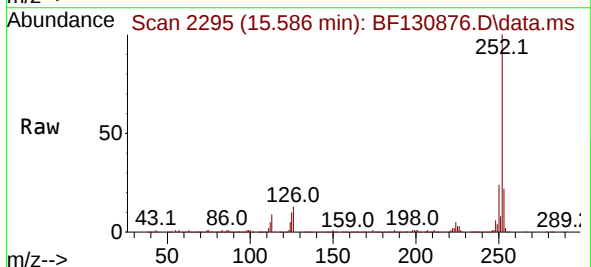
Instrument :  
BNA\_F  
ClientSampleId :  
PB148592BS

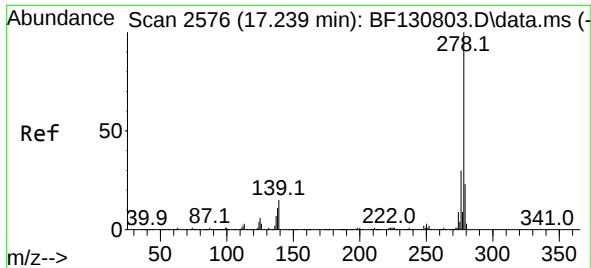
Tgt Ion:252 Resp: 474289  
Ion Ratio Lower Upper  
252 100  
253 21.7 17.5 26.3  
125 8.9 8.0 12.0



#90  
Benzo(a)pyrene  
Concen: 49.698 ng  
RT: 15.586 min Scan# 2295  
Delta R.T. 0.006 min  
Lab File: BF130876.D  
Acq: 31 Oct 2022 13:05

Tgt Ion:252 Resp: 423591  
Ion Ratio Lower Upper  
252 100  
253 22.3 16.8 25.2  
125 10.3 8.3 12.5

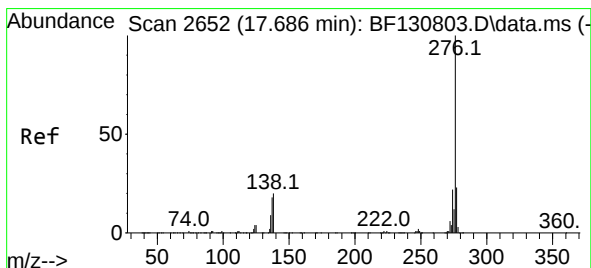
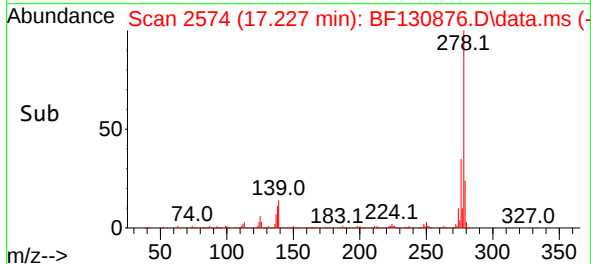
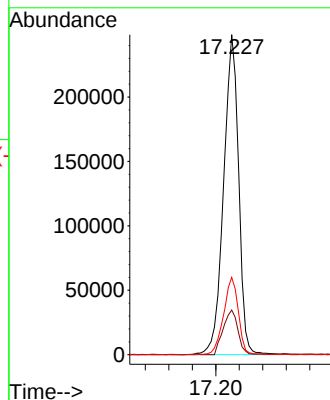
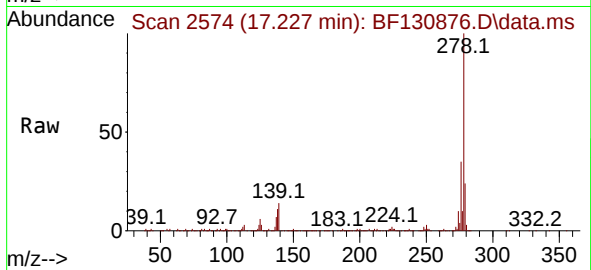




#91  
 Dibenzo(a,h)anthracene  
 Concen: 49.567 ng  
 RT: 17.227 min Scan# 21  
 Delta R.T. 0.012 min  
 Lab File: BF130876.D  
 Acq: 31 Oct 2022 13:05

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB148592BS

Tgt Ion:278 Resp: 440119  
 Ion Ratio Lower Upper  
 278 100  
 139 13.9 11.9 17.9  
 279 24.1 18.6 28.0



#92  
 Benzo(g,h,i)perylene  
 Concen: 49.611 ng  
 RT: 17.680 min Scan# 2651  
 Delta R.T. 0.012 min  
 Lab File: BF130876.D  
 Acq: 31 Oct 2022 13:05

Tgt Ion:276 Resp: 449412  
 Ion Ratio Lower Upper  
 276 100  
 277 24.3 18.8 28.2  
 138 19.0 16.3 24.5

