

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF122420\  
 Data File : BF122857.D  
 Acq On : 24 Dec 2020 16:11  
 Operator : JU/CG  
 Sample : L5201-01MSD  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 BIN-4-122320MSD

Quant Time: Dec 24 17:10:05 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF120520.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Dec 15 18:14:23 2020  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.816  | 152  | 124050   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.104  | 136  | 479788   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.863  | 164  | 256744   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.345 | 188  | 469969   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12              | 13.992 | 240  | 312734   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12              | 15.451 | 264  | 341221   | 20.00 | ng    | 0.01     |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 5) 2-Fluorophenol             | 5.440  | 112  | 647769   | 82.67 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.457  | 99   | 796830   | 76.68 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.387  | 82   | 503124   | 52.54 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.651 | 330  | 266694   | 79.36 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.181  | 172  | 965345   | 50.86 | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.927 | 244  | 1058122  | 59.23 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.599  | 88   | 130286   | 35.38 | ng    | 99       |
| 3) Pyridine                   | 3.340  | 79   | 358693   | 36.85 | ng    | 99       |
| 4) n-Nitrosodimethylamine     | 3.293  | 42   | 155158   | 39.75 | ng    | 94       |
| 6) Aniline                    | 6.481  | 93   | 308866   | 25.25 | ng    | # 85     |
| 8) 2-Chlorophenol             | 6.604  | 128  | 374173   | 43.32 | ng    | 98       |
| 9) Benzaldehyde               | 6.369  | 77   | 98147    | 15.60 | ng    | 97       |
| 10) Phenol                    | 6.475  | 94   | 531057   | 49.32 | ng    | 100      |
| 11) bis(2-Chloroethyl)ether   | 6.551  | 93   | 344135   | 41.83 | ng    | 99       |
| 12) 1,3-Dichlorobenzene       | 6.763  | 146  | 407539   | 39.88 | ng    | 99       |
| 13) 1,4-Dichlorobenzene       | 6.834  | 146  | 409287   | 39.72 | ng    | 97       |
| 14) 1,2-Dichlorobenzene       | 6.987  | 146  | 395033   | 39.72 | ng    | 98       |
| 15) Benzyl Alcohol            | 6.969  | 79   | 309536   | 43.26 | ng    | 98       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.098  | 45   | 419260   | 35.74 | ng    | 95       |
| 17) 2-Methylphenol            | 7.081  | 107  | 297355   | 43.31 | ng    | 98       |
| 18) Hexachloroethane          | 7.334  | 117  | 142493   | 38.80 | ng    | 94       |
| 19) n-Nitroso-di-n-propyla... | 7.240  | 70   | 239827   | 40.29 | ng    | 99       |
| 20) 3+4-Methylphenols         | 7.234  | 107  | 360016   | 41.51 | ng    | 92       |
| 22) Acetophenone              | 7.234  | 105  | 468377   | 39.26 | ng    | 97       |
| 24) Nitrobenzene              | 7.404  | 77   | 380889   | 39.98 | ng    | 98       |
| 25) Isophorone                | 7.645  | 82   | 681037   | 41.29 | ng    | 100      |
| 26) 2-Nitrophenol             | 7.722  | 139  | 201337   | 43.33 | ng    | 97       |
| 27) 2,4-Dimethylphenol        | 7.763  | 122  | 322002   | 47.28 | ng    | 99       |
| 28) bis(2-Chloroethoxy)met... | 7.857  | 93   | 432081   | 38.25 | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 7.969  | 162  | 322043   | 40.49 | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 8.045  | 180  | 340787   | 37.82 | ng    | 99       |
| 31) Naphthalene               | 8.128  | 128  | 1048426  | 39.60 | ng    | 100      |
| 32) Benzoic acid              | 7.910  | 122  | 232276   | 42.81 | ng    | 99       |
| 33) 4-Chloroaniline           | 8.175  | 127  | 131084   | 11.84 | ng    | 99       |
| 34) Hexachlorobutadiene       | 8.245  | 225  | 204765   | 36.92 | ng    | 100      |
| 35) Caprolactam               | 8.557  | 113  | 98323    | 41.05 | ng    | 96       |
| 36) 4-Chloro-3-methylphenol   | 8.669  | 107  | 340796   | 43.50 | ng    | 97       |
| 37) 2-Methylnaphthalene       | 8.822  | 142  | 713554   | 40.74 | ng    | 98       |
| 38) 1-Methylnaphthalene       | 8.916  | 142  | 661235   | 39.91 | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 8.986  | 216  | 342752   | 40.30 | ng    | 100      |
| 41) Hexachlorocyclopentadiene | 8.969  | 237  | 168945   | 44.93 | ng    | 98       |
| 43) 2,4,6-Trichlorophenol     | 9.104  | 196  | 229611   | 39.10 | ng    | 96       |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF122420\  
 Data File : BF122857.D  
 Acq On : 24 Dec 2020 16:11  
 Operator : JU/CG  
 Sample : L5201-01MSD  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 BIN-4-122320MSD

Quant Time: Dec 24 17:10:05 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF120520.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Dec 15 18:14:23 2020  
 Response via : Initial Calibration

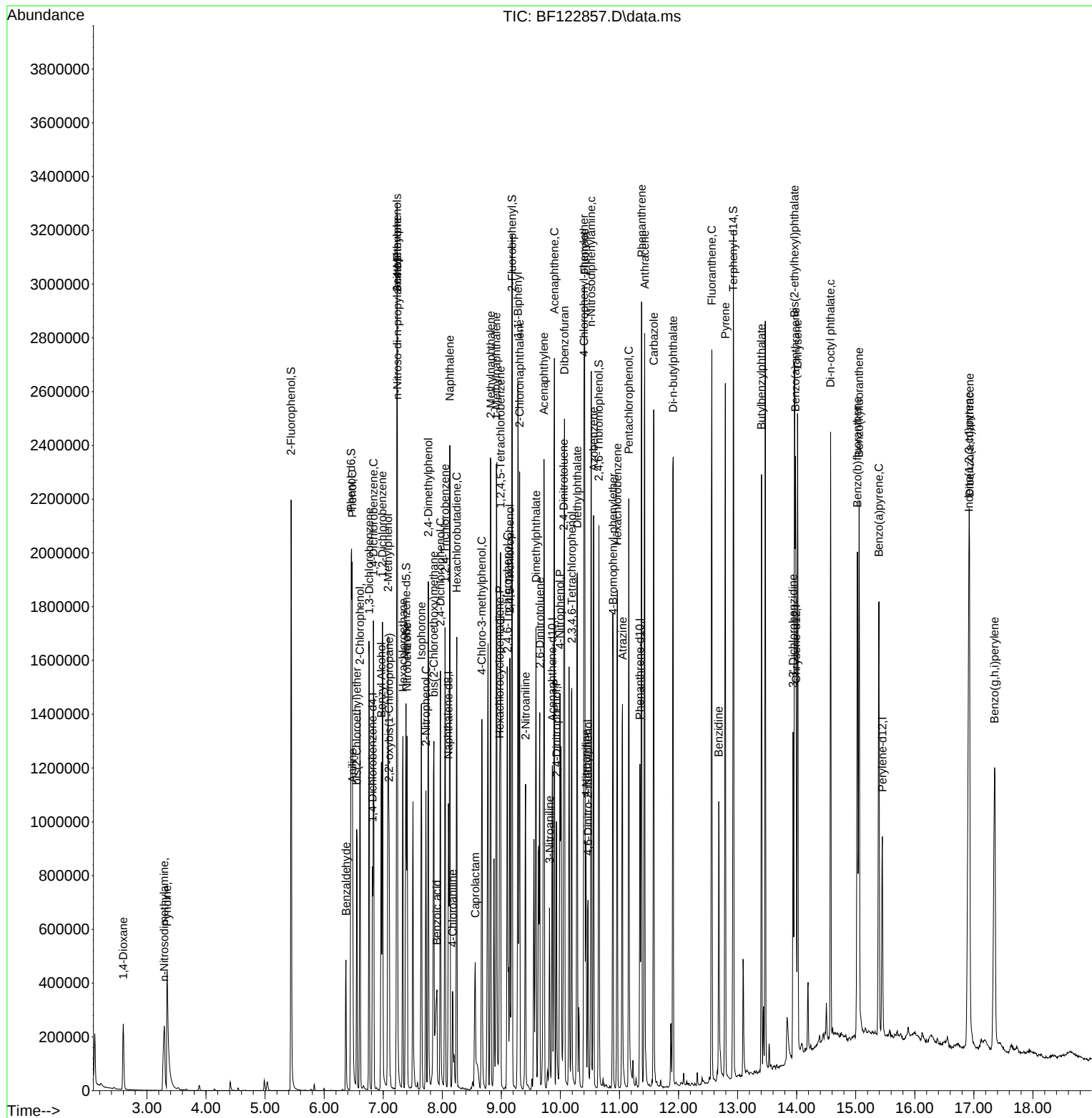
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.145  | 196  | 252158   | 41.54 | ng    | 98       |
| 46) 1,1'-Biphenyl             | 9.281  | 154  | 862572   | 40.48 | ng    | 99       |
| 47) 2-Chloronaphthalene       | 9.310  | 162  | 682923   | 38.68 | ng    | 98       |
| 48) 2-Nitroaniline            | 9.410  | 65   | 202754   | 39.39 | ng    | 96       |
| 49) Acenaphthylene            | 9.722  | 152  | 1048617  | 40.21 | ng    | 100      |
| 50) Dimethylphthalate         | 9.586  | 163  | 883553   | 43.09 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 9.651  | 165  | 187746   | 43.35 | ng    | 99       |
| 52) Acenaphthene              | 9.898  | 154  | 620494   | 36.78 | ng    | 98       |
| 53) 3-Nitroaniline            | 9.816  | 138  | 108693   | 21.72 | ng    | 95       |
| 54) 2,4-Dinitrophenol         | 9.934  | 184  | 144430   | 68.21 | ng    | 95       |
| 55) Dibenzofuran              | 10.069 | 168  | 953754   | 40.19 | ng    | 100      |
| 56) 4-Nitrophenol             | 9.992  | 139  | 269082   | 75.41 | ng    | 89       |
| 57) 2,4-Dinitrotoluene        | 10.057 | 165  | 245055   | 42.48 | ng    | 99       |
| 58) Fluorene                  | 10.410 | 166  | 748222   | 39.64 | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol | 10.192 | 232  | 215885   | 40.48 | ng    | 100      |
| 60) Diethylphthalate          | 10.286 | 149  | 818754   | 41.05 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 10.398 | 204  | 365311   | 39.31 | ng    | 98       |
| 62) 4-Nitroaniline            | 10.433 | 138  | 176464   | 34.74 | ng    | 99       |
| 63) Azobenzene                | 10.563 | 77   | 737604   | 40.24 | ng    | 97       |
| 65) 4,6-Dinitro-2-methylph... | 10.469 | 198  | 110583   | 38.59 | ng    | 94       |
| 66) n-Nitrosodiphenylamine    | 10.522 | 169  | 680327   | 40.97 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 10.892 | 248  | 251709   | 39.52 | ng    | 93       |
| 68) Hexachlorobenzene         | 10.963 | 284  | 269642   | 38.30 | ng    | 96       |
| 69) Atrazine                  | 11.051 | 200  | 198588   | 36.82 | ng    | 99       |
| 70) Pentachlorophenol         | 11.157 | 266  | 280414   | 75.18 | ng    | 99       |
| 71) Phenanthrene              | 11.375 | 178  | 1104745  | 39.55 | ng    | 99       |
| 72) Anthracene                | 11.428 | 178  | 1153771  | 41.66 | ng    | 99       |
| 73) Carbazole                 | 11.580 | 167  | 1020535  | 40.63 | ng    | 99       |
| 74) Di-n-butylphthalate       | 11.910 | 149  | 1301019  | 41.22 | ng    | 99       |
| 75) Fluoranthene              | 12.563 | 202  | 1093723  | 37.34 | ng    | 97       |
| 77) Benzidine                 | 12.680 | 184  | 469102   | 69.35 | ng    | 98       |
| 78) Pyrene                    | 12.792 | 202  | 1083957  | 44.83 | ng    | 99       |
| 80) Butylbenzylphthalate      | 13.404 | 149  | 496481   | 45.59 | ng    | 98       |
| 81) Benzo(a)anthracene        | 13.980 | 228  | 846974   | 40.52 | ng    | 98       |
| 82) 3,3'-Dichlorobenzidine    | 13.939 | 252  | 278521   | 37.21 | ng    | 98       |
| 83) Chrysene                  | 14.016 | 228  | 862858   | 41.48 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 13.963 | 149  | 689847   | 46.25 | ng    | 99       |
| 85) Di-n-octyl phthalate      | 14.574 | 149  | 1054622  | 42.63 | ng    | 98       |
| 87) Indeno(1,2,3-cd)pyrene    | 16.915 | 276  | 1160611  | 51.82 | ng    | 99       |
| 88) Benzo(b)fluoranthene      | 15.027 | 252  | 884872   | 36.96 | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 15.057 | 252  | 904016   | 41.30 | ng    | 99       |
| 90) Benzo(a)pyrene            | 15.392 | 252  | 840563   | 40.13 | ng    | 100      |
| 91) Dibenzo(a,h)anthracene    | 16.927 | 278  | 943664   | 51.48 | ng    | 99       |
| 92) Benzo(g,h,i)perylene      | 17.351 | 276  | 967662   | 54.54 | ng    | 100      |

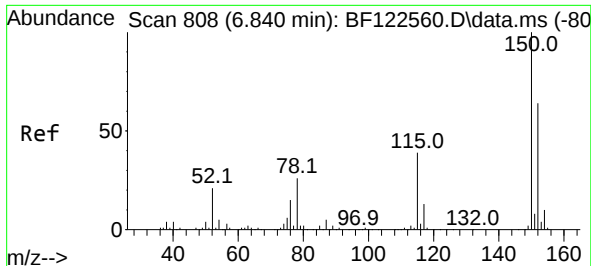
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF122420\  
Data File : BF122857.D  
Acq On : 24 Dec 2020 16:11  
Operator : JU/CG  
Sample : L5201-01MSD  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
BIN-4-122320MSD

Quant Time: Dec 24 17:10:05 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF120520.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Dec 15 18:14:23 2020  
Response via : Initial Calibration

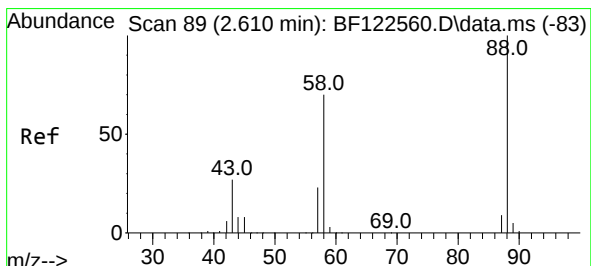
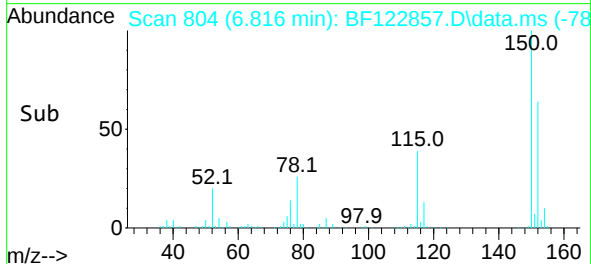
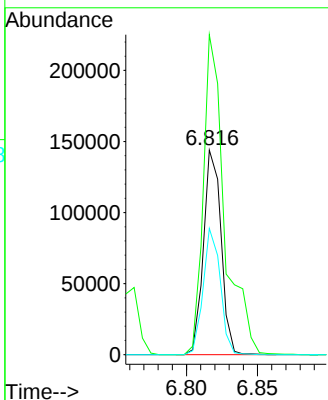
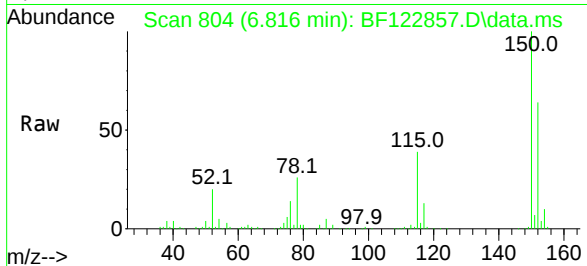




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 6.816 min Scan# 804  
Delta R.T. -0.006 min  
Lab File: BF122857.D  
Acq: 24 Dec 2020 16:11

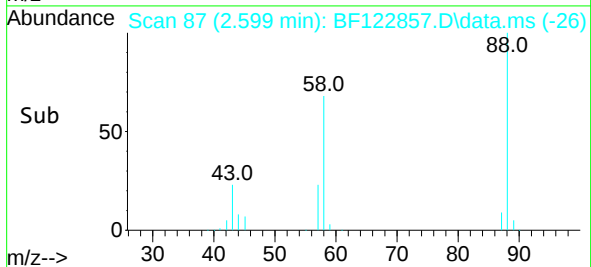
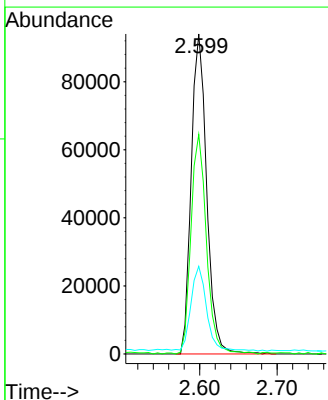
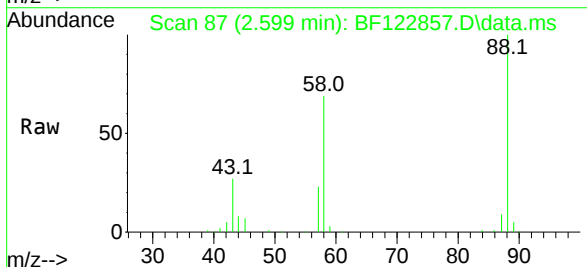
Instrument :  
BNA\_F  
ClientSampleId :  
BIN-4-122320MSD

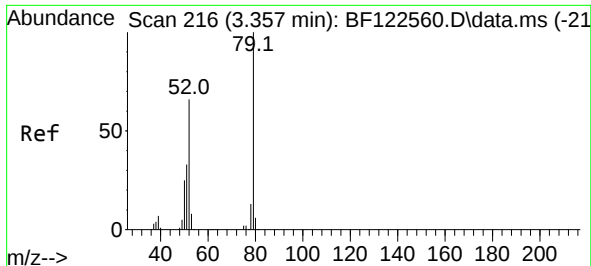
Tgt Ion:152 Resp: 124050  
Ion Ratio Lower Upper  
152 100  
150 156.4 125.8 188.6  
115 61.7 49.3 73.9



#2  
1,4-Dioxane  
Concen: 35.38 ng  
RT: 2.599 min Scan# 87  
Delta R.T. 0.059 min  
Lab File: BF122857.D  
Acq: 24 Dec 2020 16:11

Tgt Ion: 88 Resp: 130286  
Ion Ratio Lower Upper  
88 100  
58 69.0 56.2 84.2  
43 26.7 21.8 32.6

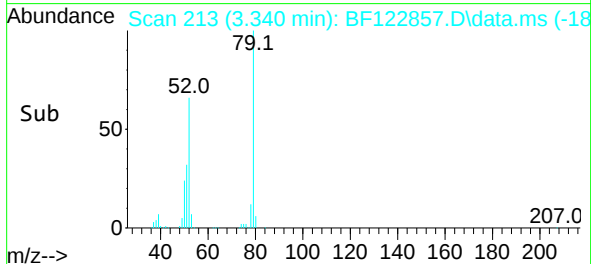
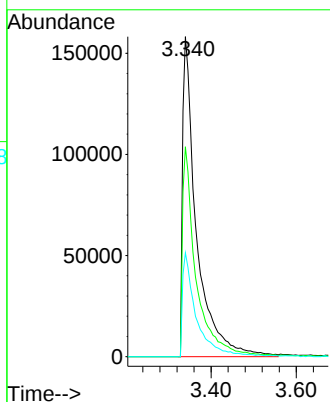
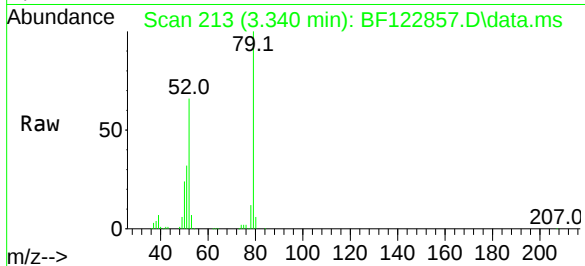




#3  
Pyridine  
Concen: 36.85 ng  
RT: 3.340 min Scan# 213  
Delta R.T. 0.053 min  
Lab File: BF122857.D  
Acq: 24 Dec 2020 16:11

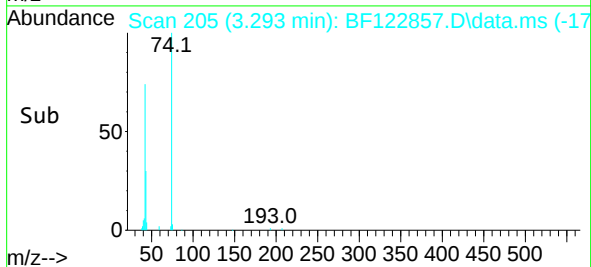
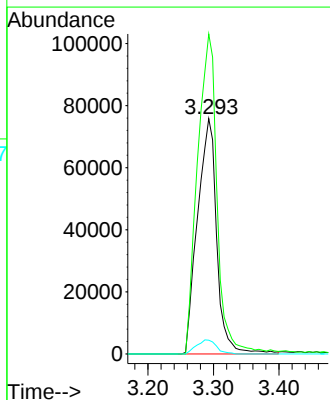
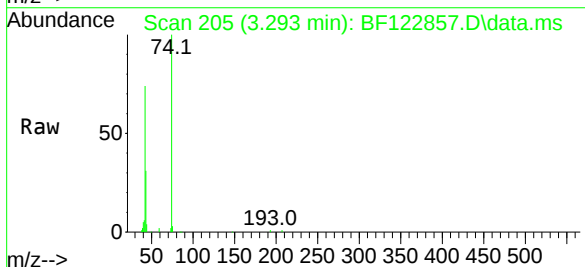
Instrument :  
BNA\_F  
ClientSampleId :  
BIN-4-122320MSD

Tgt Ion: 79 Resp: 358693  
Ion Ratio Lower Upper  
79 100  
52 65.6 53.0 79.4  
51 32.4 26.6 39.8



#4  
n-Nitrosodimethylamine  
Concen: 39.75 ng  
RT: 3.293 min Scan# 205  
Delta R.T. 0.053 min  
Lab File: BF122857.D  
Acq: 24 Dec 2020 16:11

Tgt Ion: 42 Resp: 155158  
Ion Ratio Lower Upper  
42 100  
74 135.9 115.2 172.8  
44 5.8 5.4 8.0

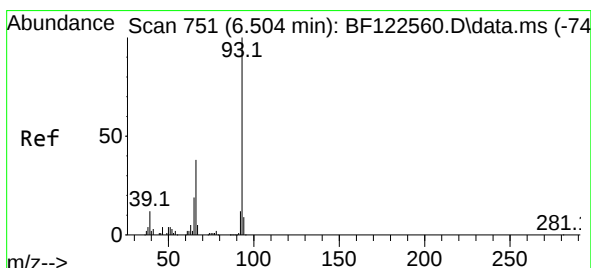
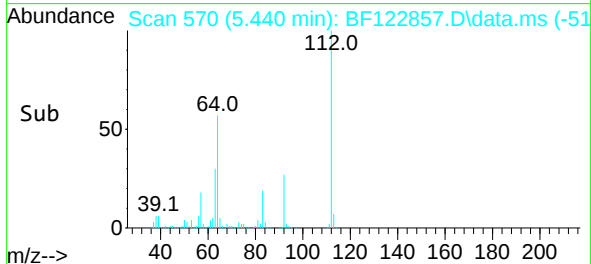
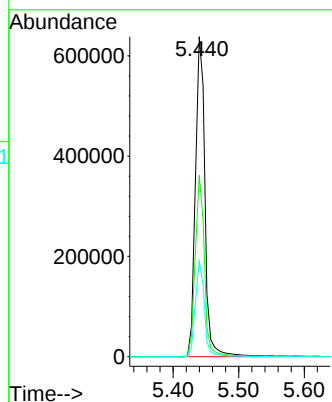
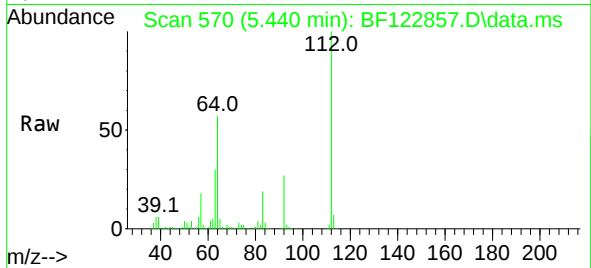




#5  
2-Fluorophenol  
Concen: 82.67 ng  
RT: 5.440 min Scan# 570  
Delta R.T. 0.006 min  
Lab File: BF122857.D  
Acq: 24 Dec 2020 16:11

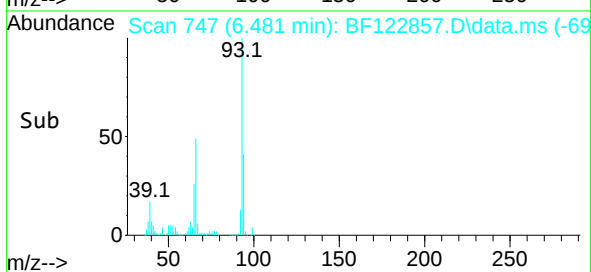
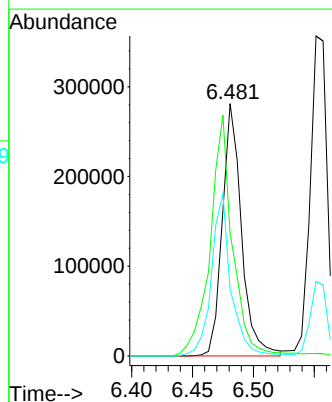
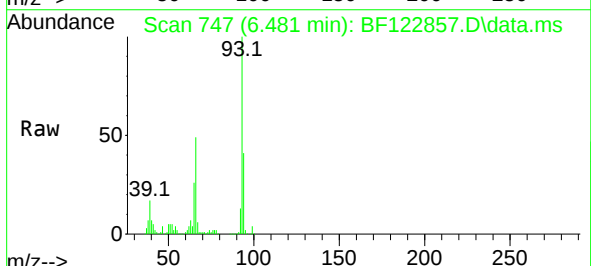
Instrument :  
BNA\_F  
ClientSampleId :  
BIN-4-122320MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 112   | Resp: | 647769 |
| Ion Ratio | Lower | Upper |        |
| 112       | 100   |       |        |
| 64        | 56.6  | 46.9  | 70.3   |
| 63        | 30.0  | 24.5  | 36.7   |



#6  
Aniline  
Concen: 25.25 ng  
RT: 6.481 min Scan# 747  
Delta R.T. -0.006 min  
Lab File: BF122857.D  
Acq: 24 Dec 2020 16:11

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 93    | Resp: | 308866 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 66        | 48.6  | 31.3  | 46.9#  |
| 65        | 26.3  | 15.6  | 23.4#  |

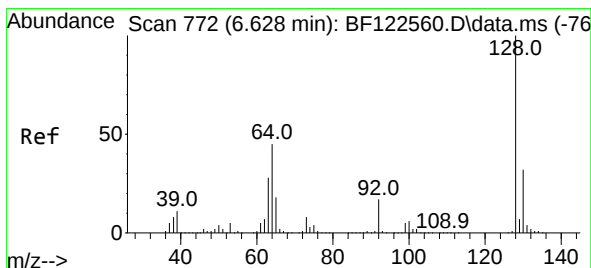
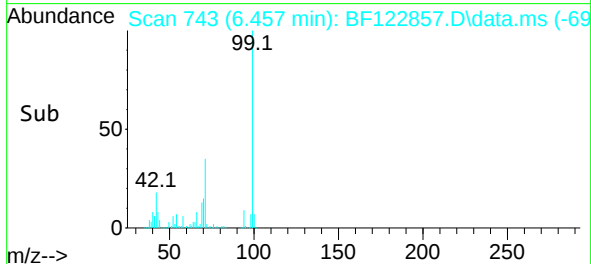
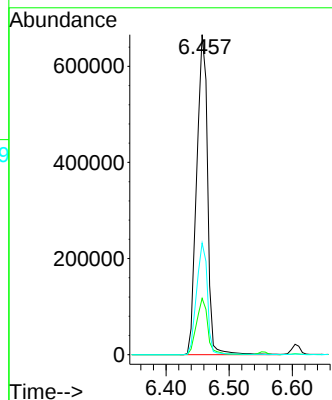
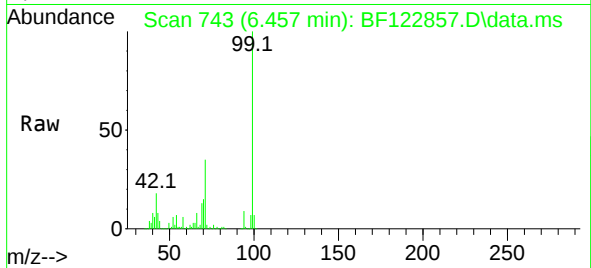




#7  
Phenol-d6  
Concen: 76.68 ng  
RT: 6.457 min Scan# 743  
Delta R.T. -0.000 min  
Lab File: BF122857.D  
Acq: 24 Dec 2020 16:11

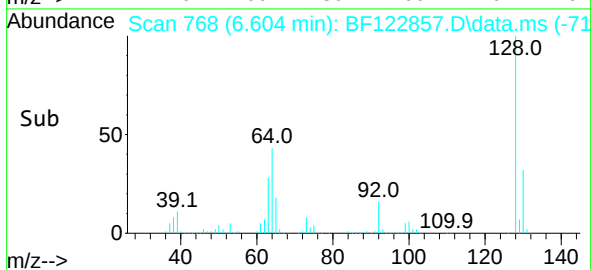
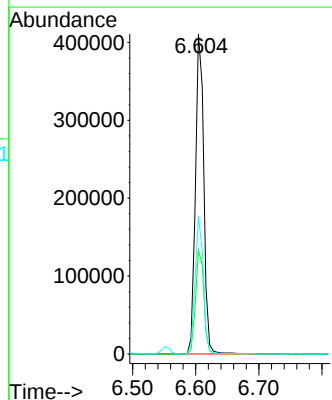
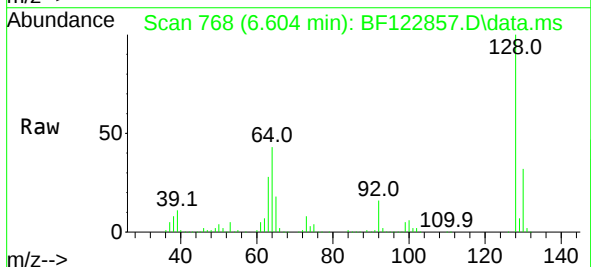
Instrument :  
BNA\_F  
ClientSampleId :  
BIN-4-122320MSD

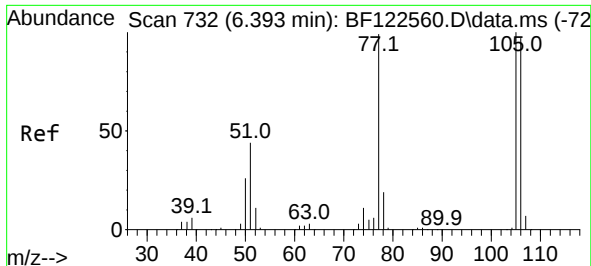
Tgt Ion: 99 Resp: 796830  
Ion Ratio Lower Upper  
99 100  
42 17.6 13.8 20.6  
71 34.9 26.9 40.3



#8  
2-Chlorophenol  
Concen: 43.32 ng  
RT: 6.604 min Scan# 768  
Delta R.T. -0.006 min  
Lab File: BF122857.D  
Acq: 24 Dec 2020 16:11

Tgt Ion: 128 Resp: 374173  
Ion Ratio Lower Upper  
128 100  
130 32.2 12.3 52.3  
64 43.0 25.5 65.5

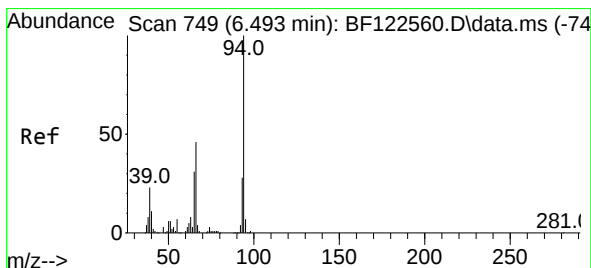
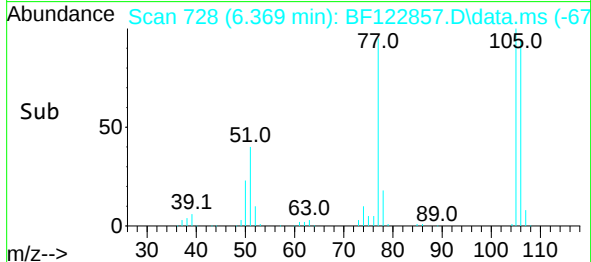
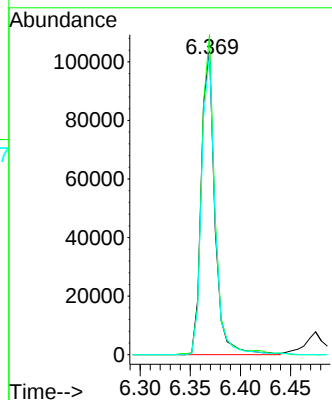
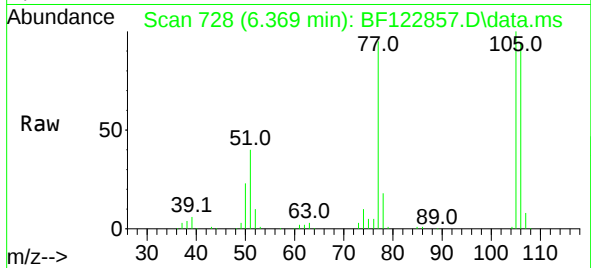




#9  
Benzaldehyde  
Concen: 15.60 ng  
RT: 6.369 min Scan# 728  
Delta R.T. -0.006 min  
Lab File: BF122857.D  
Acq: 24 Dec 2020 16:11

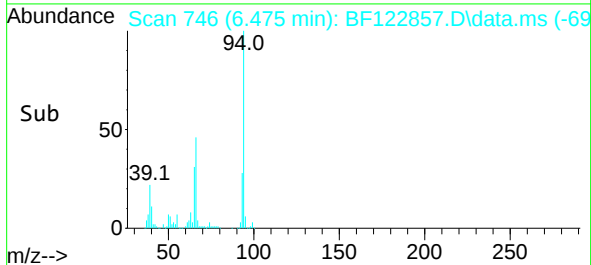
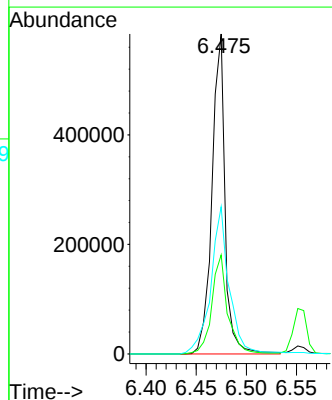
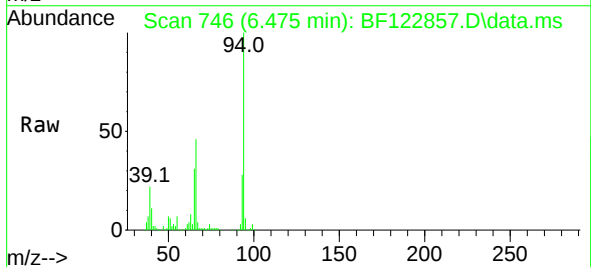
Instrument :  
BNA\_F  
ClientSampleId :  
BIN-4-122320MSD

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 77    | Resp: | 98147 |
| Ion      | Ratio | Lower | Upper |
| 77       | 100   |       |       |
| 105      | 105.3 | 80.6  | 120.6 |
| 106      | 99.2  | 77.2  | 117.2 |



#10  
Phenol  
Concen: 49.32 ng  
RT: 6.475 min Scan# 746  
Delta R.T. 0.006 min  
Lab File: BF122857.D  
Acq: 24 Dec 2020 16:11

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 94    | Resp: | 531057 |
| Ion      | Ratio | Lower | Upper  |
| 94       | 100   |       |        |
| 65       | 31.0  | 11.2  | 51.2   |
| 66       | 46.0  | 25.8  | 65.8   |

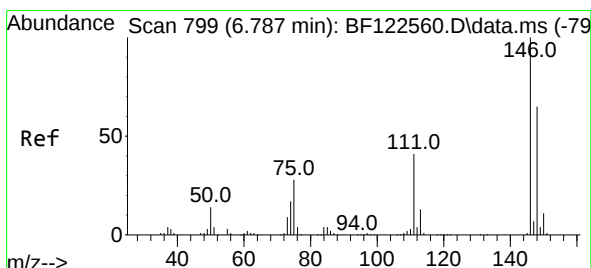
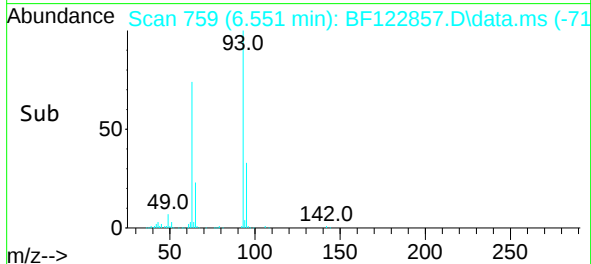
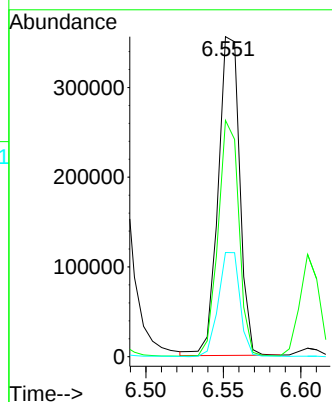
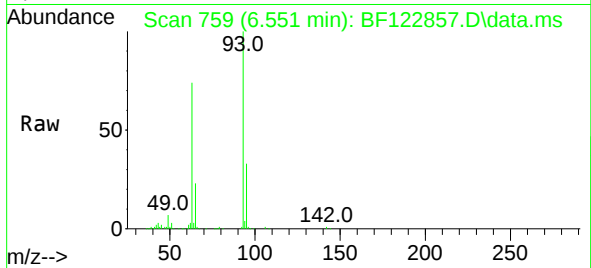




#11  
bis(2-Chloroethyl)ether  
Concen: 41.83 ng  
RT: 6.551 min Scan# 759  
Delta R.T. -0.012 min  
Lab File: BF122857.D  
Acq: 24 Dec 2020 16:11

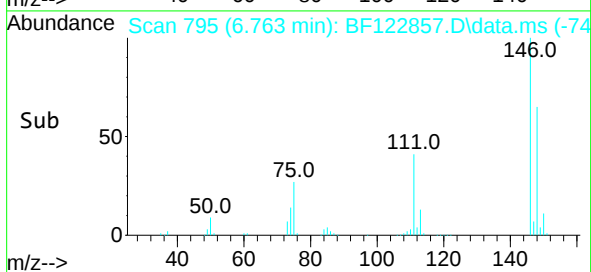
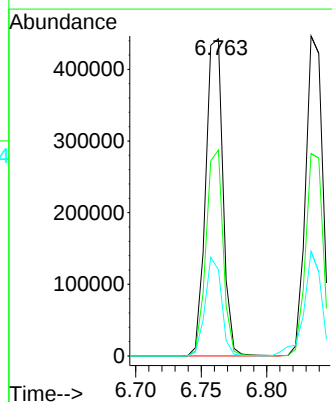
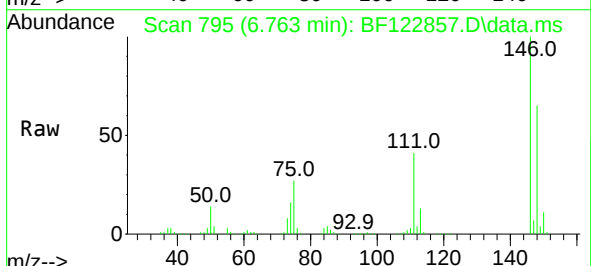
Instrument :  
BNA\_F  
ClientSampleId :  
BIN-4-122320MSD

Tgt Ion: 93 Resp: 344135  
Ion Ratio Lower Upper  
93 100  
63 73.9 52.6 92.6  
95 32.6 12.6 52.6



#12  
1,3-Dichlorobenzene  
Concen: 39.88 ng  
RT: 6.763 min Scan# 795  
Delta R.T. -0.000 min  
Lab File: BF122857.D  
Acq: 24 Dec 2020 16:11

Tgt Ion:146 Resp: 407539  
Ion Ratio Lower Upper  
146 100  
148 65.0 51.8 77.8  
75 27.2 22.5 33.7





#13

1,4-Dichlorobenzene

Concen: 39.72 ng

RT: 6.834 min Scan# 807

Delta R.T. -0.006 min

Lab File: BF122857.D

Acq: 24 Dec 2020 16:11

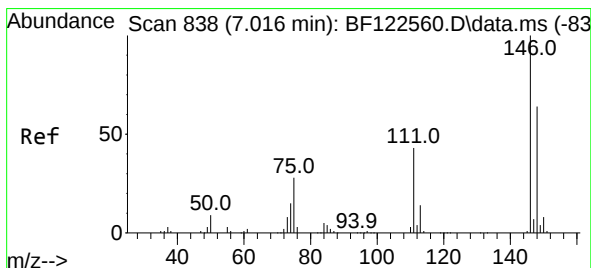
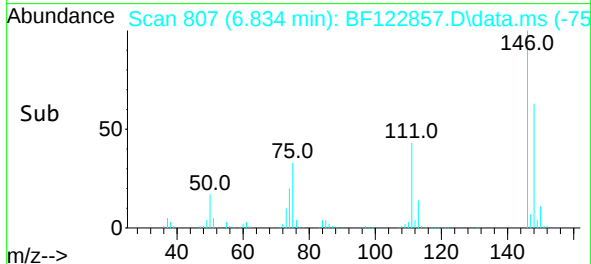
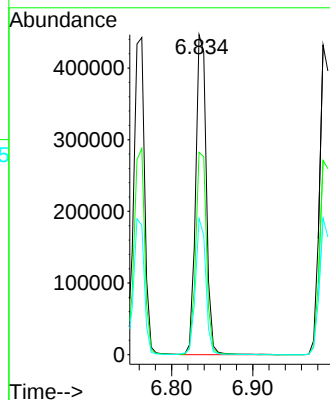
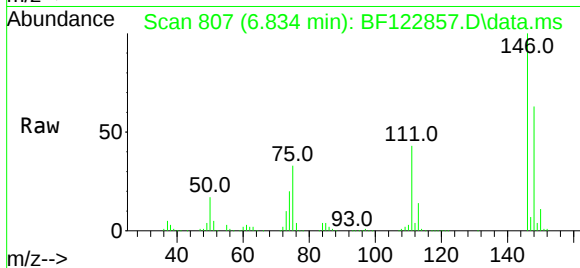
Tgt Ion:146 Resp: 409287

Ion Ratio Lower Upper

146 100

148 63.3 52.0 78.0

111 42.5 32.3 48.5



#14

1,2-Dichlorobenzene

Concen: 39.72 ng

RT: 6.987 min Scan# 833

Delta R.T. -0.006 min

Lab File: BF122857.D

Acq: 24 Dec 2020 16:11

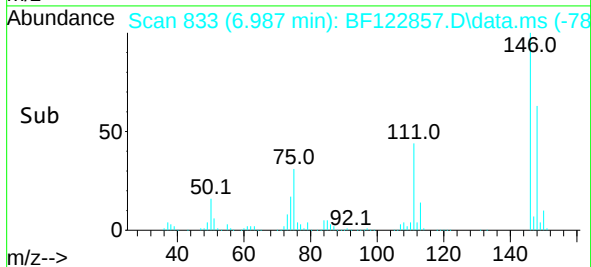
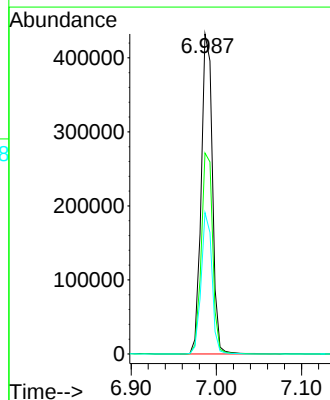
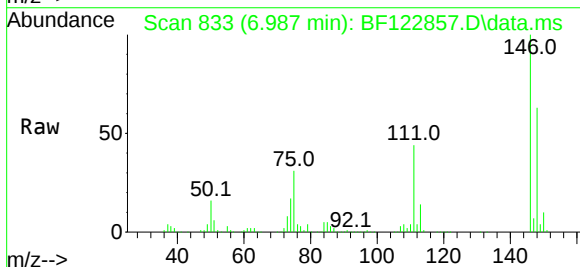
Tgt Ion:146 Resp: 395033

Ion Ratio Lower Upper

146 100

148 62.8 51.5 77.3

111 44.1 34.2 51.2



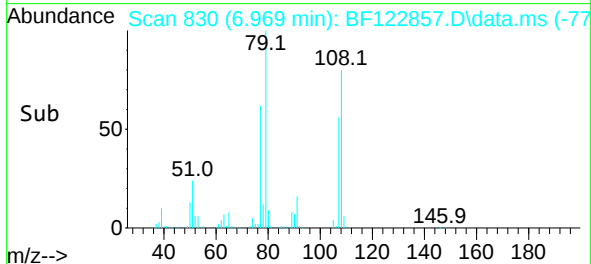
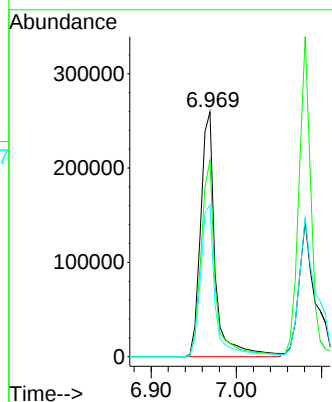
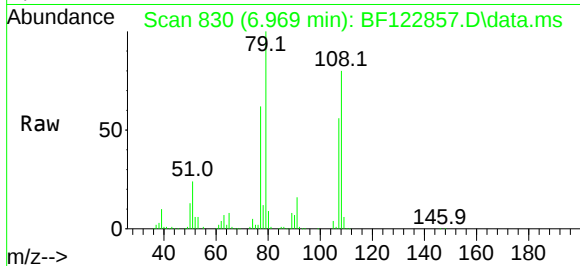


#15  
Benzyl Alcohol  
Concen: 43.26 ng  
RT: 6.969 min Scan# 830  
Delta R.T. -0.000 min  
Lab File: BF122857.D  
Acq: 24 Dec 2020 16:11

Instrument :  
BNA\_F  
ClientSampleId :  
BIN-4-122320MSD

Tgt Ion: 79 Resp: 309536

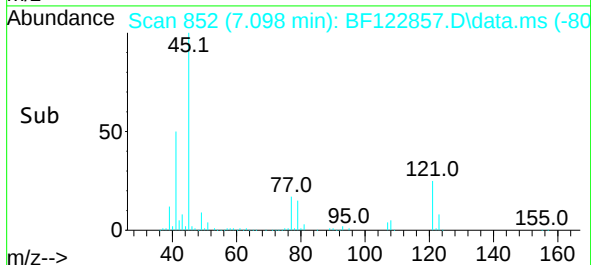
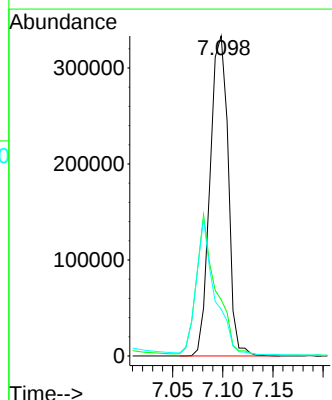
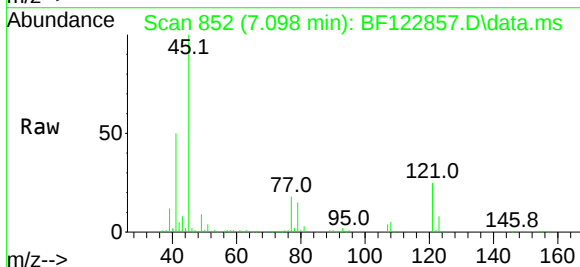
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 79  | 100   |       |       |
| 108 | 80.3  | 62.4  | 93.6  |
| 77  | 62.0  | 49.0  | 73.6  |

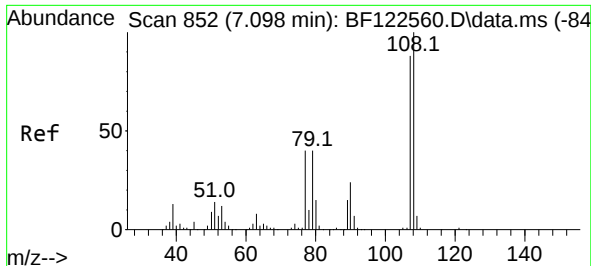


#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 35.74 ng  
RT: 7.098 min Scan# 852  
Delta R.T. -0.006 min  
Lab File: BF122857.D  
Acq: 24 Dec 2020 16:11

Tgt Ion: 45 Resp: 419260

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 45  | 100   |       |       |
| 77  | 17.6  | 0.0   | 35.6  |
| 79  | 14.7  | 0.0   | 32.4  |

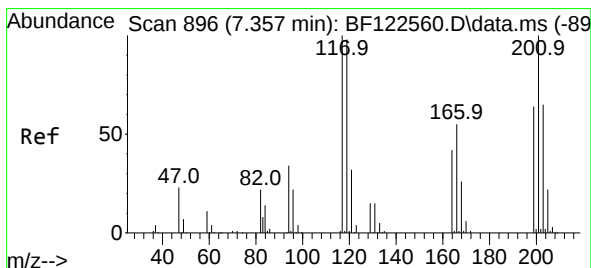
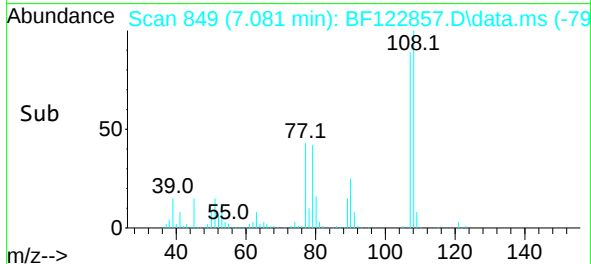
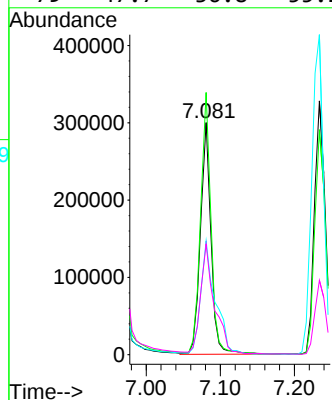
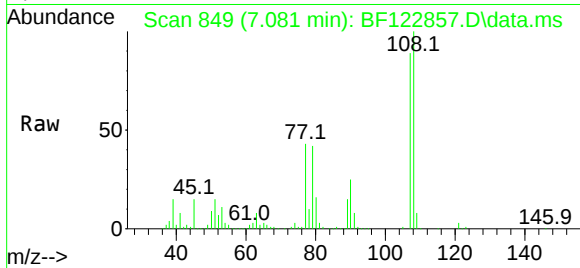




#17  
2-Methylphenol  
Concen: 43.31 ng  
RT: 7.081 min Scan# 849  
Delta R.T. -0.000 min  
Lab File: BF122857.D  
Acq: 24 Dec 2020 16:11

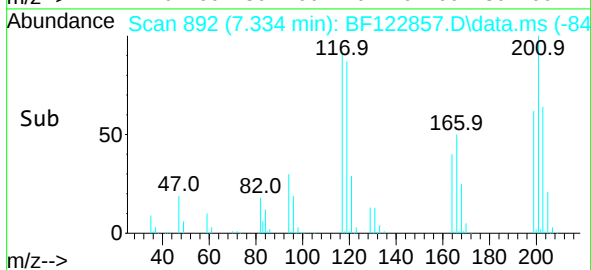
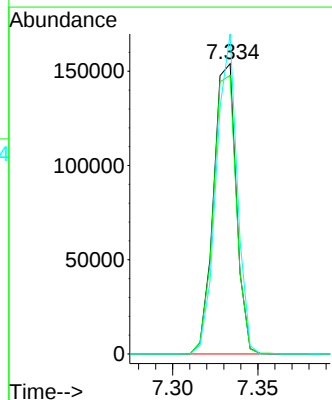
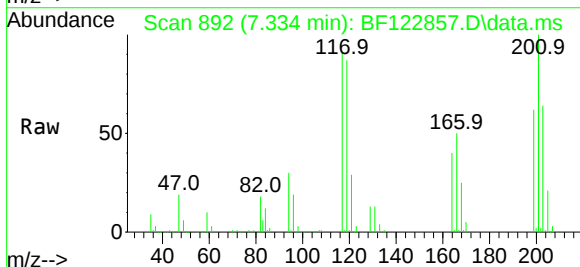
Instrument :  
BNA\_F  
ClientSampleId :  
BIN-4-122320MSD

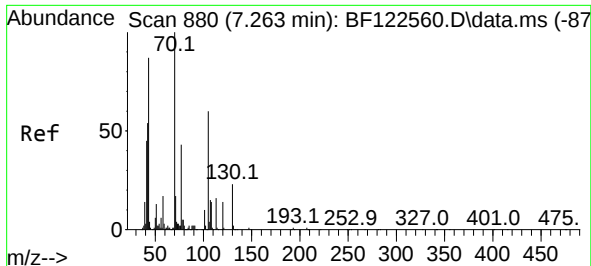
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 297355 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 113.0 | 91.1  | 136.7  |
| 77       | 49.0  | 36.3  | 54.5   |
| 79       | 47.7  | 36.8  | 55.2   |



#18  
Hexachloroethane  
Concen: 38.80 ng  
RT: 7.334 min Scan# 892  
Delta R.T. -0.000 min  
Lab File: BF122857.D  
Acq: 24 Dec 2020 16:11

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 142493 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 96.0  | 78.4  | 117.6  |
| 201      | 110.3 | 79.6  | 119.4  |



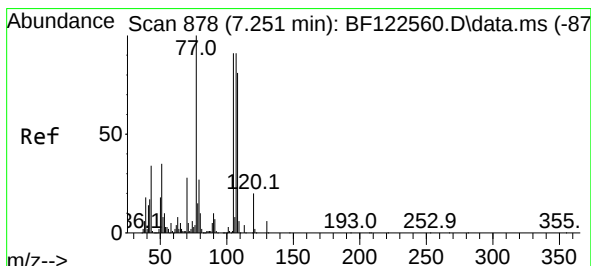
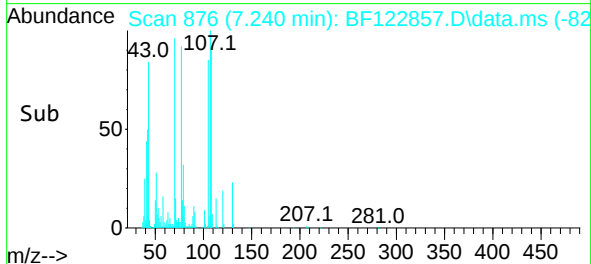
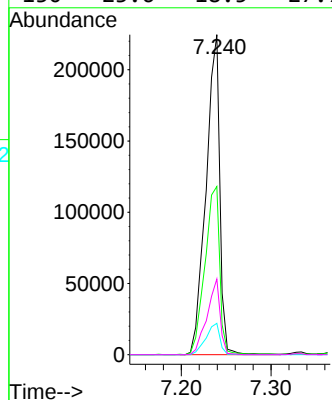
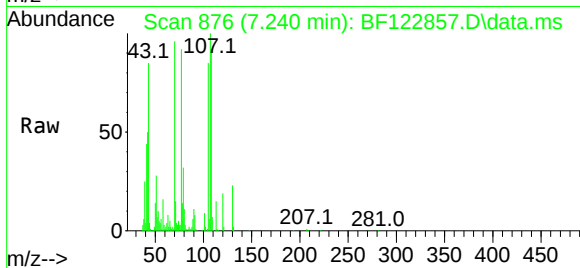


#19

n-Nitroso-di-n-propylamine  
Concen: 40.29 ng  
RT: 7.240 min Scan# 876  
Delta R.T. -0.000 min  
Lab File: BF122857.D  
Acq: 24 Dec 2020 16:11

Instrument :  
BNA\_F  
ClientSampleId :  
BIN-4-122320MSD

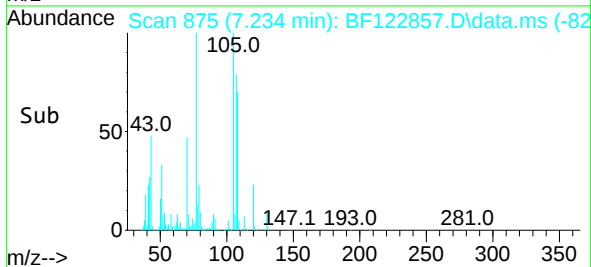
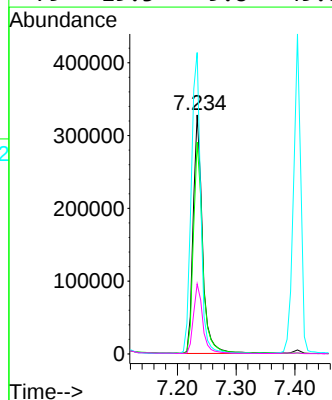
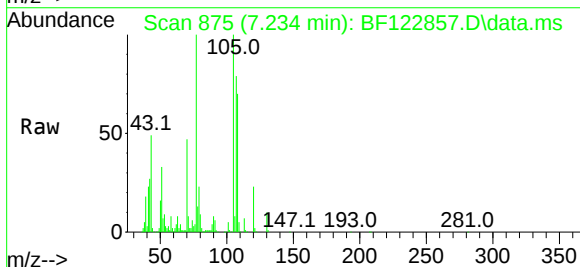
|             |              |
|-------------|--------------|
| Tgt Ion: 70 | Resp: 239827 |
| Ion Ratio   | Lower Upper  |
| 70 100      |              |
| 42 52.5     | 43.0 64.4    |
| 101 9.8     | 7.9 11.9     |
| 130 23.6    | 18.5 27.7    |



#20

3+4-Methylphenols  
Concen: 41.51 ng  
RT: 7.234 min Scan# 875  
Delta R.T. -0.000 min  
Lab File: BF122857.D  
Acq: 24 Dec 2020 16:11

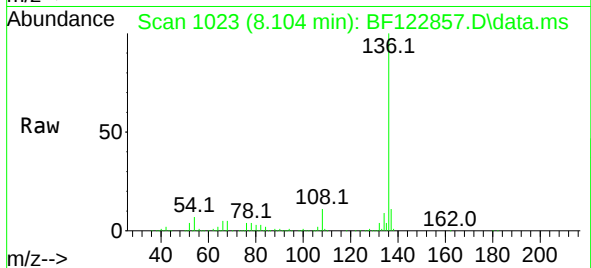
|              |              |
|--------------|--------------|
| Tgt Ion: 107 | Resp: 360016 |
| Ion Ratio    | Lower Upper  |
| 107 100      |              |
| 108 88.6     | 68.7 108.7   |
| 77 126.1     | 89.8 129.8   |
| 79 29.3      | 9.8 49.8     |



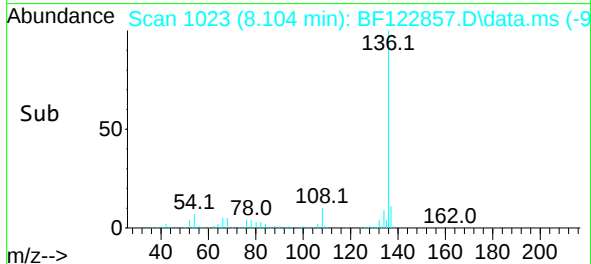
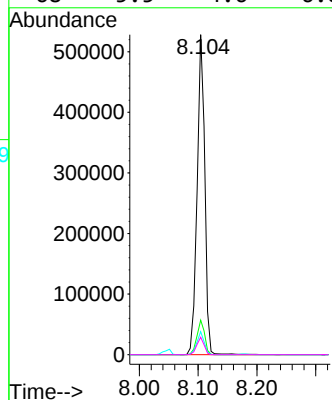


#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 8.104 min Scan# 1023  
Delta R.T. -0.006 min  
Lab File: BF122857.D  
Acq: 24 Dec 2020 16:11

Instrument :  
BNA\_F  
ClientSampleId :  
BIN-4-122320MSD

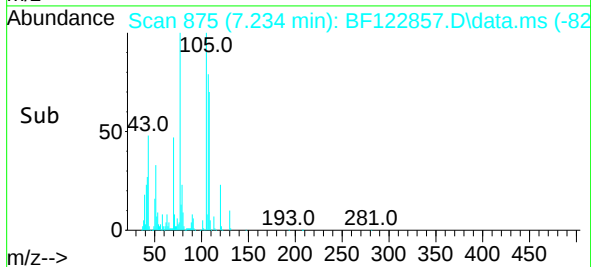
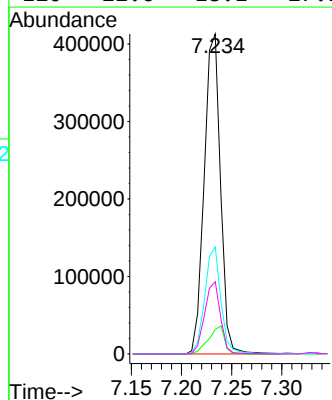
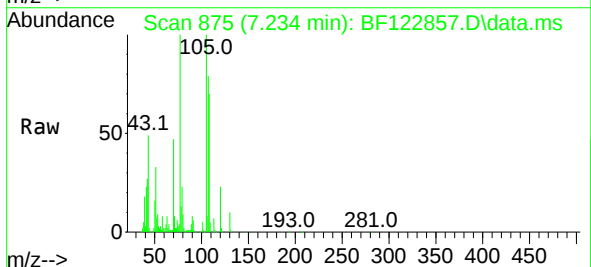


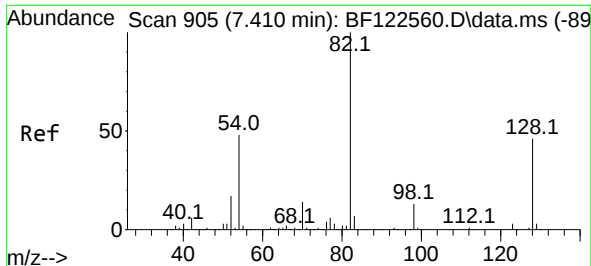
Tgt Ion:136 Resp: 479788  
Ion Ratio Lower Upper  
136 100  
137 10.8 8.8 13.2  
54 7.2 5.5 8.3  
68 5.5 4.6 6.8



#22  
Acetophenone  
Concen: 39.26 ng  
RT: 7.234 min Scan# 875  
Delta R.T. -0.000 min  
Lab File: BF122857.D  
Acq: 24 Dec 2020 16:11

Tgt Ion:105 Resp: 468377  
Ion Ratio Lower Upper  
105 100  
71 7.7 6.5 9.7  
51 33.5 24.3 36.5  
120 22.6 18.1 27.1





#23

Nitrobenzene-d5

Concen: 52.54 ng

RT: 7.387 min Scan# 901

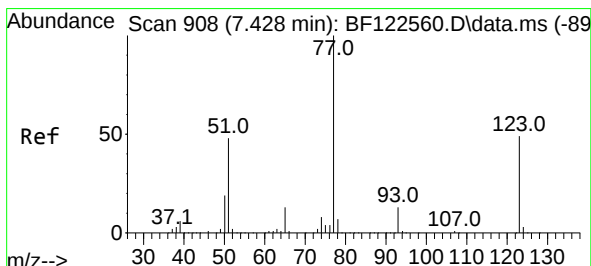
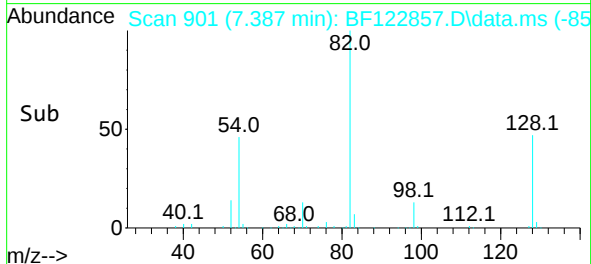
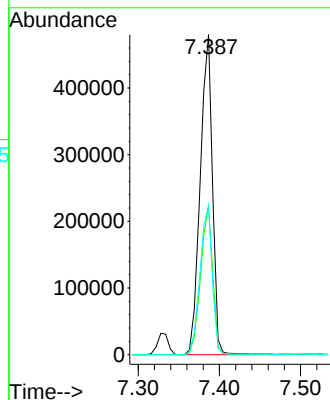
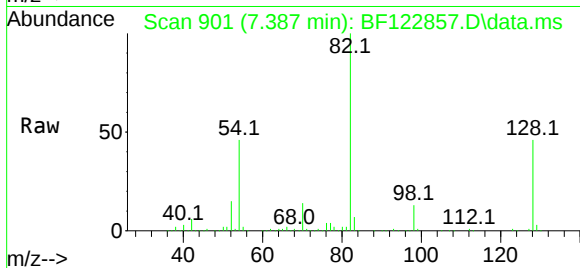
Delta R.T. -0.006 min

Lab File: BF122857.D

Acq: 24 Dec 2020 16:11

Tgt Ion: 82 Resp: 503124

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 46.5  | 37.0  | 55.4  |
| 54  | 46.5  | 38.4  | 57.6  |



#24

Nitrobenzene

Concen: 39.98 ng

RT: 7.404 min Scan# 904

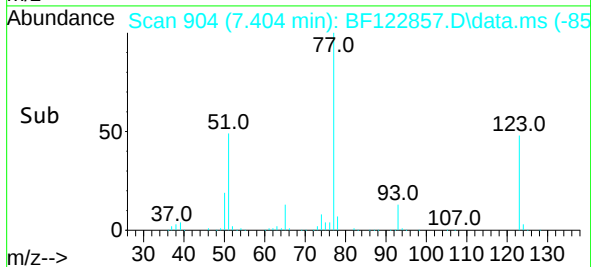
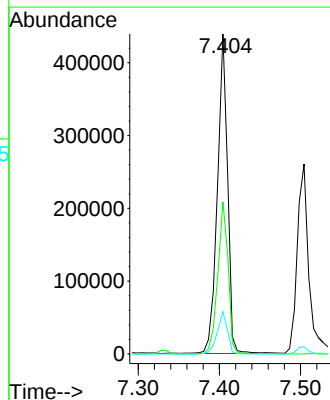
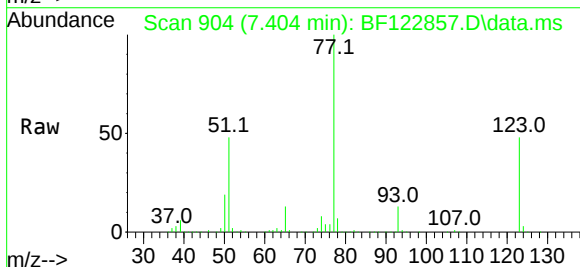
Delta R.T. -0.006 min

Lab File: BF122857.D

Acq: 24 Dec 2020 16:11

Tgt Ion: 77 Resp: 380889

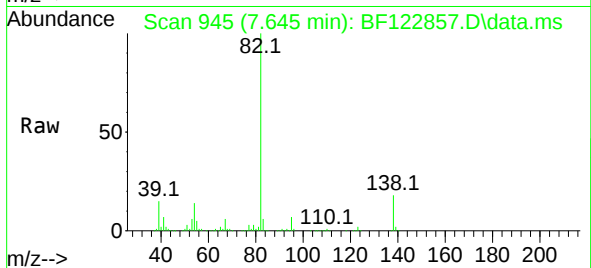
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 123 | 47.6  | 39.3  | 58.9  |
| 65  | 13.2  | 10.6  | 15.8  |



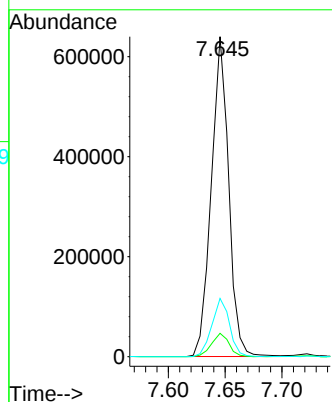
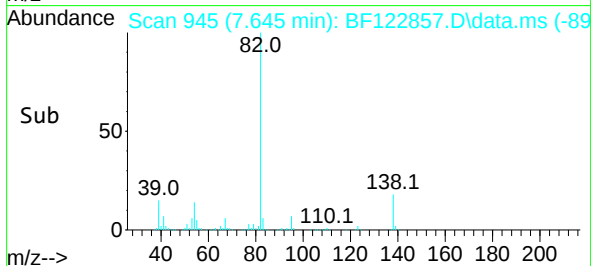


#25  
Isophorone  
Concen: 41.29 ng  
RT: 7.645 min Scan# 945  
Delta R.T. -0.000 min  
Lab File: BF122857.D  
Acq: 24 Dec 2020 16:11

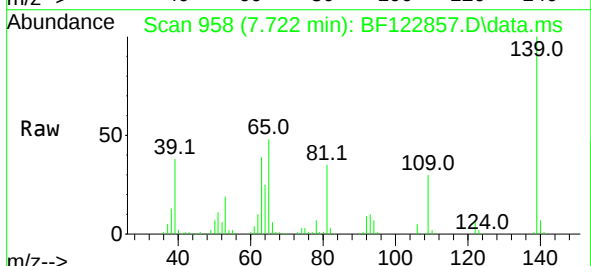
Instrument :  
BNA\_F  
ClientSampleId :  
BIN-4-122320MSD



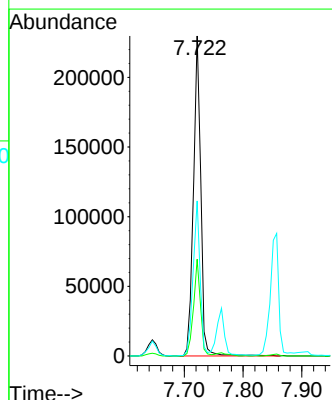
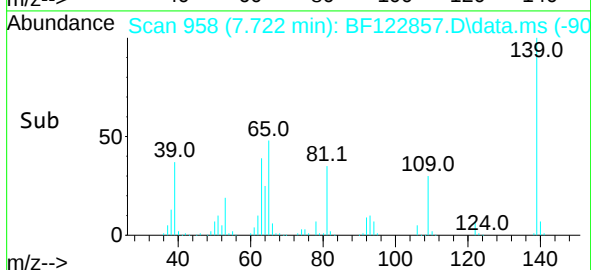
Tgt Ion: 82 Resp: 681037  
Ion Ratio Lower Upper  
82 100  
95 7.3 5.8 8.6  
138 18.2 14.6 21.8

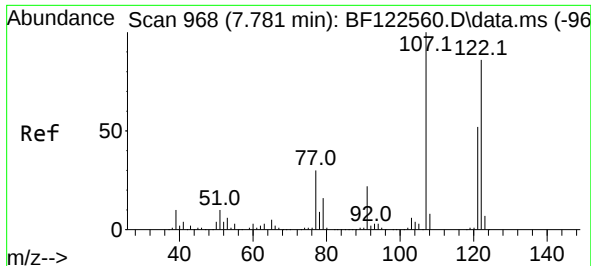


#26  
2-Nitrophenol  
Concen: 43.33 ng  
RT: 7.722 min Scan# 958  
Delta R.T. -0.000 min  
Lab File: BF122857.D  
Acq: 24 Dec 2020 16:11



Tgt Ion: 139 Resp: 201337  
Ion Ratio Lower Upper  
139 100  
109 30.2 24.0 36.0  
65 48.5 40.9 61.3

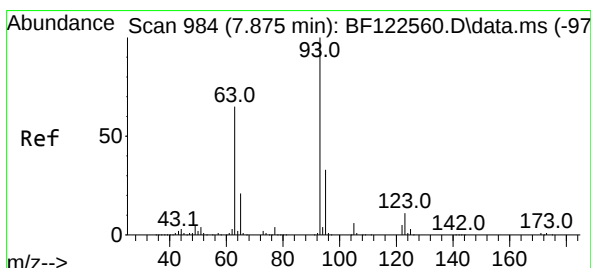
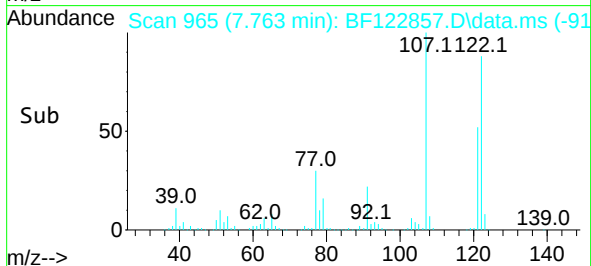
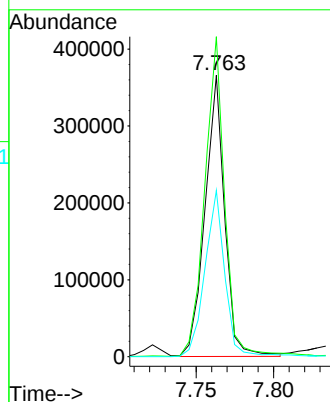
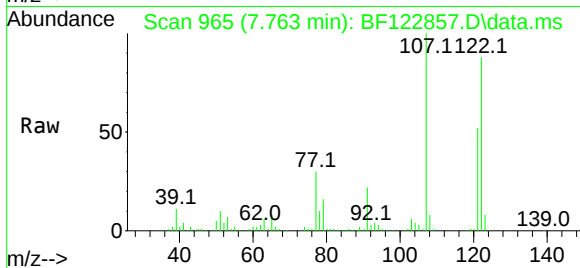




#27  
2,4-Dimethylphenol  
Concen: 47.28 ng  
RT: 7.763 min Scan# 965  
Delta R.T. -0.000 min  
Lab File: BF122857.D  
Acq: 24 Dec 2020 16:11

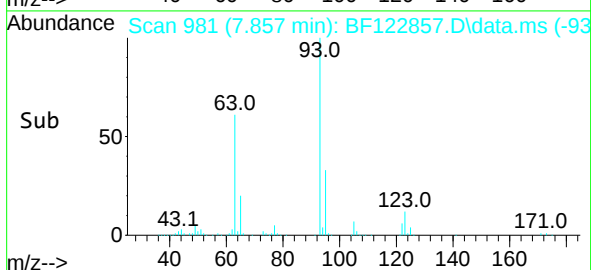
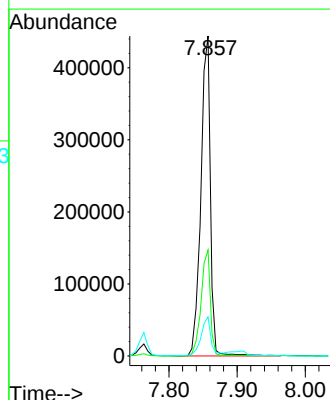
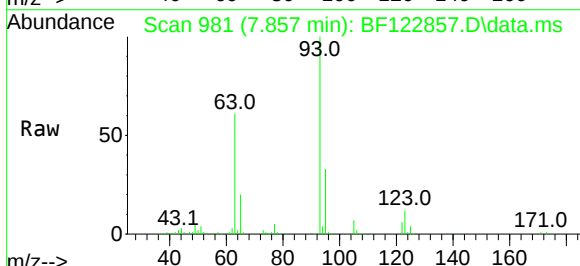
Instrument :  
BNA\_F  
ClientSampleId :  
BIN-4-122320MSD

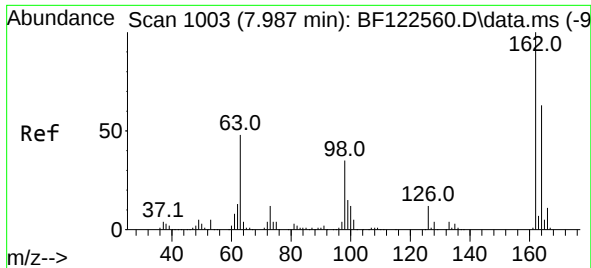
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 122   | Resp: | 322002 |
| Ion      | Ratio | Lower | Upper  |
| 122      | 100   |       |        |
| 107      | 113.7 | 91.8  | 137.8  |
| 121      | 59.1  | 47.3  | 70.9   |



#28  
bis(2-Chloroethoxy)methane  
Concen: 38.25 ng  
RT: 7.857 min Scan# 981  
Delta R.T. -0.000 min  
Lab File: BF122857.D  
Acq: 24 Dec 2020 16:11

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 93    | Resp: | 432081 |
| Ion      | Ratio | Lower | Upper  |
| 93       | 100   |       |        |
| 95       | 33.1  | 26.2  | 39.2   |
| 123      | 12.2  | 9.2   | 13.8   |

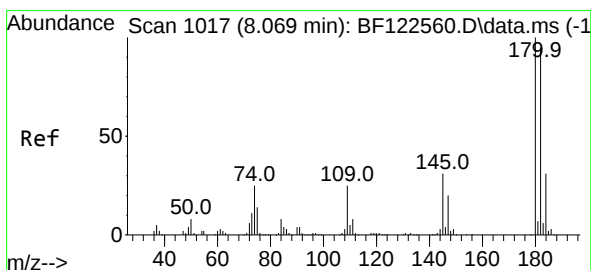
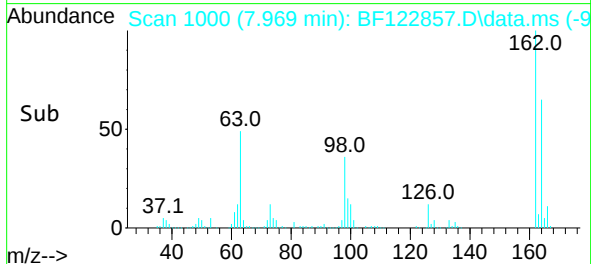
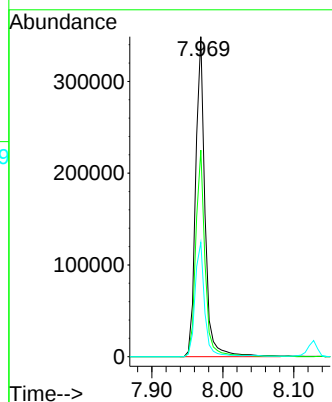
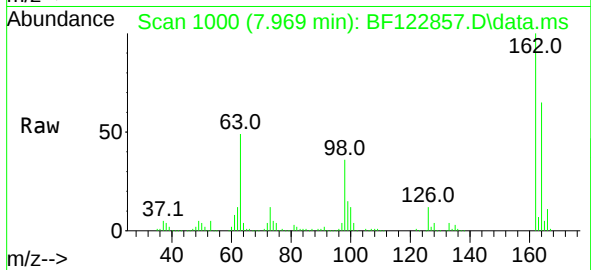




#29  
2,4-Dichlorophenol  
Concen: 40.49 ng  
RT: 7.969 min Scan# 1000  
Delta R.T. -0.000 min  
Lab File: BF122857.D  
Acq: 24 Dec 2020 16:11

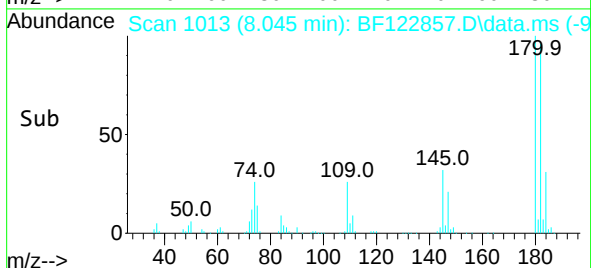
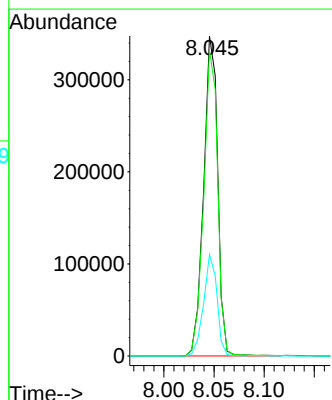
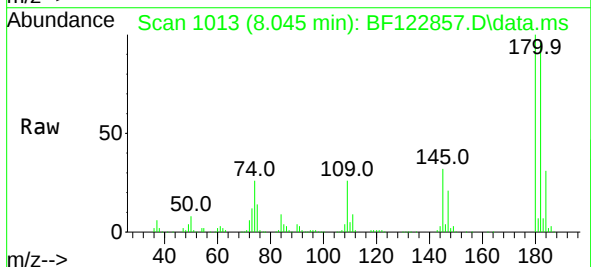
Instrument :  
BNA\_F  
ClientSampleId :  
BIN-4-122320MSD

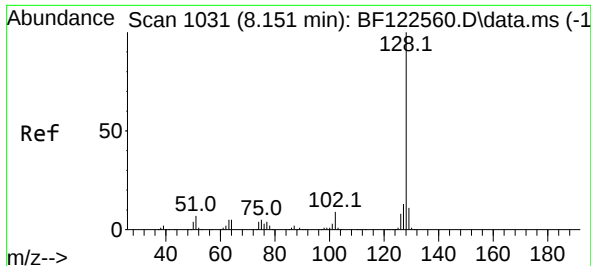
Tgt Ion:162 Resp: 322043  
Ion Ratio Lower Upper  
162 100  
164 64.5 43.2 83.2  
98 35.7 15.2 55.2



#30  
1,2,4-Trichlorobenzene  
Concen: 37.82 ng  
RT: 8.045 min Scan# 1013  
Delta R.T. -0.006 min  
Lab File: BF122857.D  
Acq: 24 Dec 2020 16:11

Tgt Ion:180 Resp: 340787  
Ion Ratio Lower Upper  
180 100  
182 95.5 75.7 113.5  
145 31.8 25.0 37.4

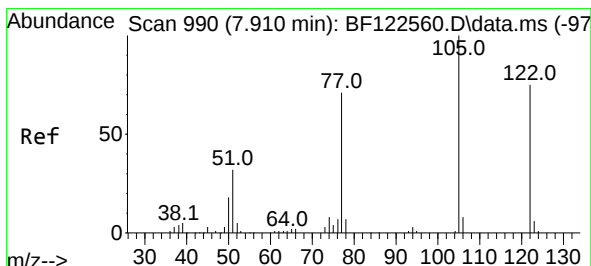
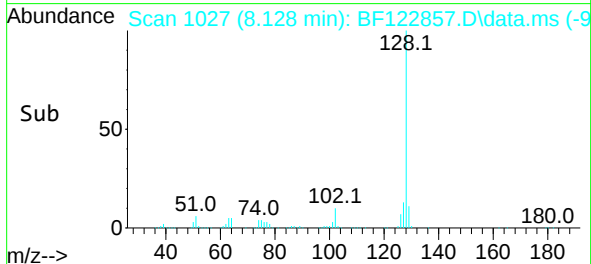
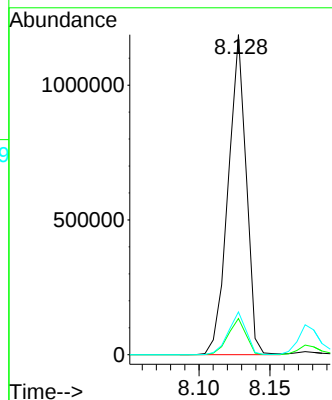
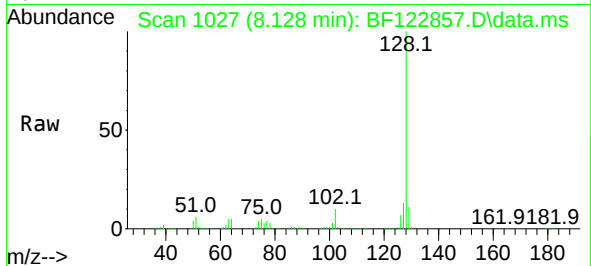




#31  
Naphthalene  
Concen: 39.60 ng  
RT: 8.128 min Scan# 1027  
Delta R.T. -0.000 min  
Lab File: BF122857.D  
Acq: 24 Dec 2020 16:11

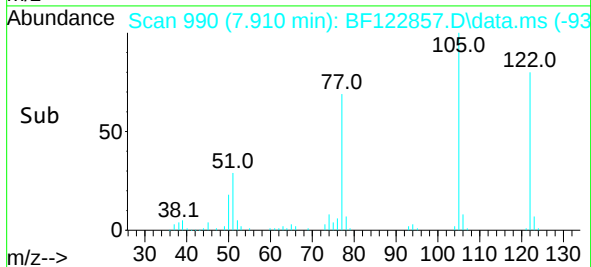
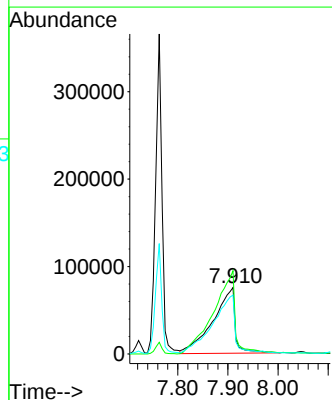
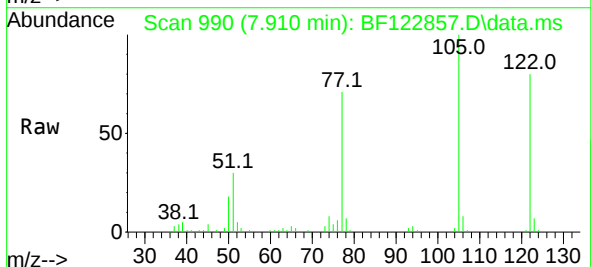
Instrument :  
BNA\_F  
ClientSampleId :  
BIN-4-122320MSD

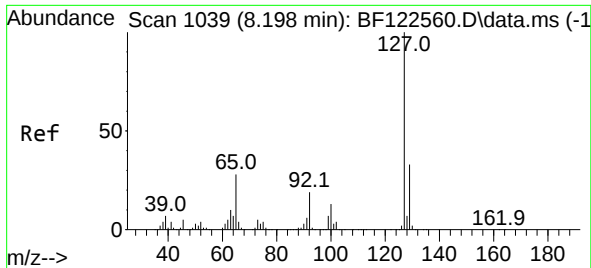
Tgt Ion:128 Resp: 1048426  
Ion Ratio Lower Upper  
128 100  
129 11.3 9.0 13.6  
127 13.3 10.7 16.1



#32  
Benzoic acid  
Concen: 42.81 ng  
RT: 7.910 min Scan# 990  
Delta R.T. 0.018 min  
Lab File: BF122857.D  
Acq: 24 Dec 2020 16:11

Tgt Ion:122 Resp: 232276  
Ion Ratio Lower Upper  
122 100  
105 125.3 104.8 144.8  
77 88.7 71.0 111.0

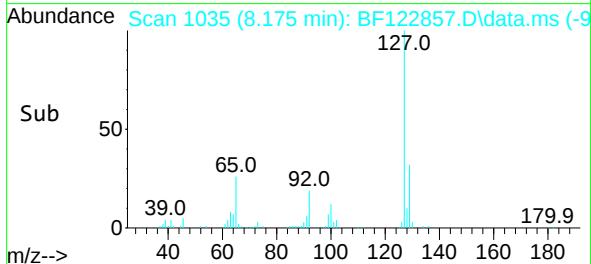
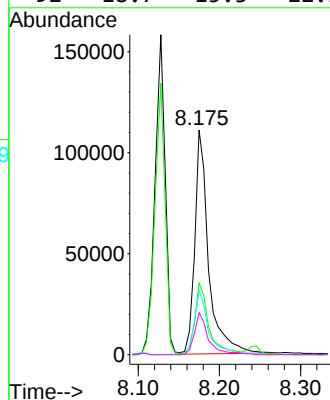
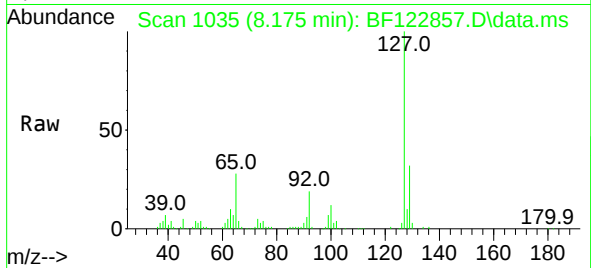




#33  
4-Chloroaniline  
Concen: 11.84 ng  
RT: 8.175 min Scan# 1035  
Delta R.T. -0.006 min  
Lab File: BF122857.D  
Acq: 24 Dec 2020 16:11

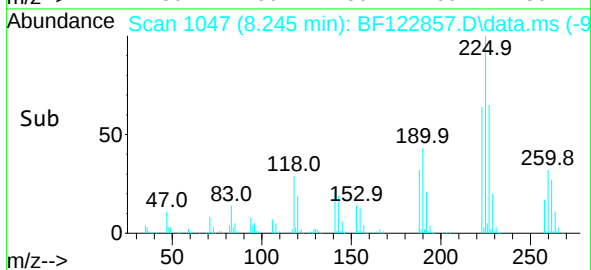
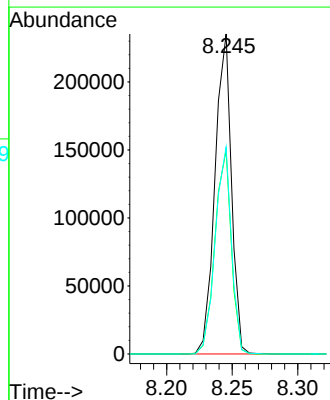
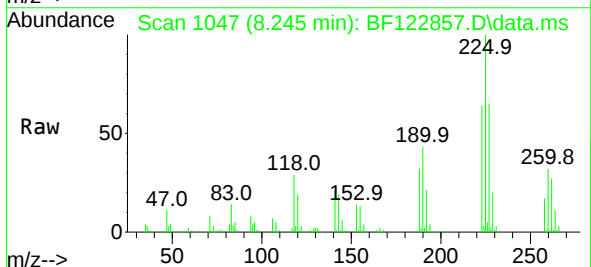
Instrument :  
BNA\_F  
ClientSampleId :  
BIN-4-122320MSD

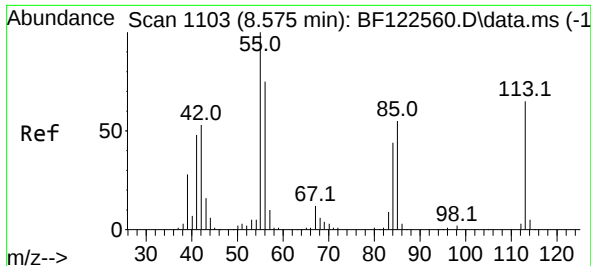
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 127     | 100   |       |       |
| 129     | 31.9  | 26.2  | 39.2  |
| 65      | 28.4  | 22.2  | 33.2  |
| 92      | 18.7  | 15.3  | 22.9  |



#34  
Hexachlorobutadiene  
Concen: 36.92 ng  
RT: 8.245 min Scan# 1047  
Delta R.T. -0.000 min  
Lab File: BF122857.D  
Acq: 24 Dec 2020 16:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 63.7  | 50.7  | 76.1  |
| 227     | 64.6  | 51.7  | 77.5  |

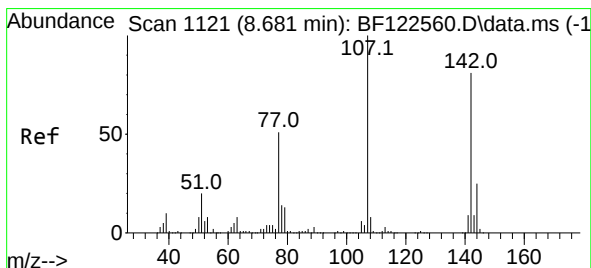
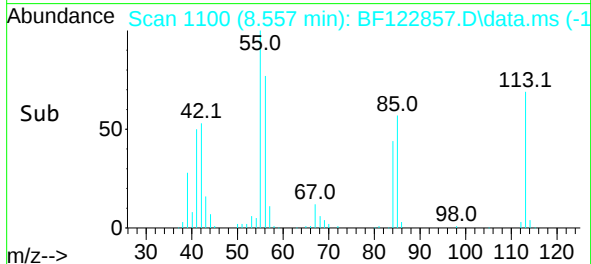
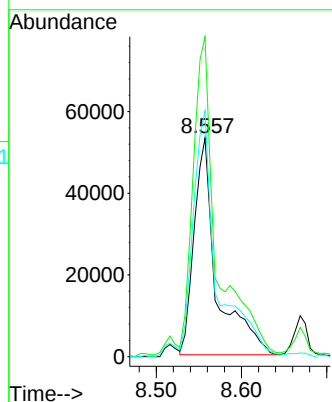
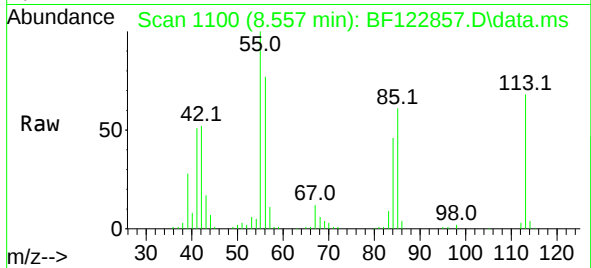




#35  
Caprolactam  
Concen: 41.05 ng  
RT: 8.557 min Scan# 1100  
Delta R.T. 0.006 min  
Lab File: BF122857.D  
Acq: 24 Dec 2020 16:11

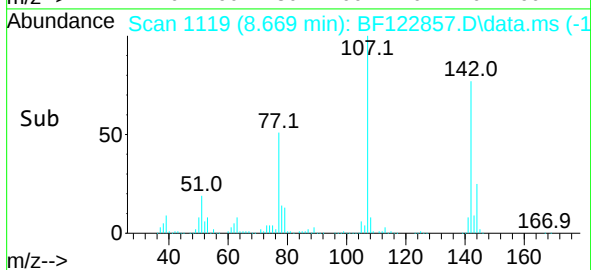
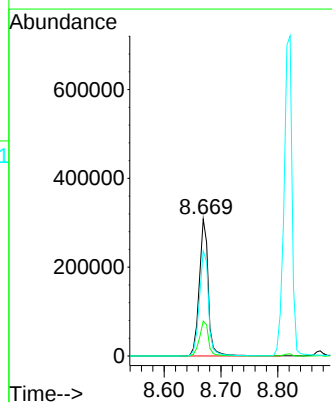
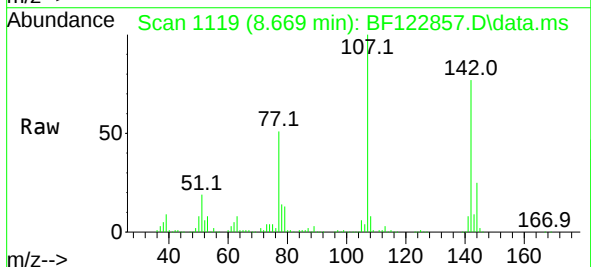
Instrument :  
BNA\_F  
ClientSampleId :  
BIN-4-122320MSD

Tgt Ion:113 Resp: 98323  
Ion Ratio Lower Upper  
113 100  
55 146.4 133.7 173.7  
56 112.6 95.3 135.3



#36  
4-Chloro-3-methylphenol  
Concen: 43.50 ng  
RT: 8.669 min Scan# 1119  
Delta R.T. 0.006 min  
Lab File: BF122857.D  
Acq: 24 Dec 2020 16:11

Tgt Ion:107 Resp: 340796  
Ion Ratio Lower Upper  
107 100  
144 25.5 20.2 30.2  
142 76.8 64.4 96.6

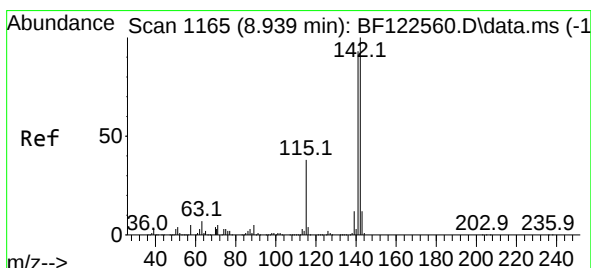
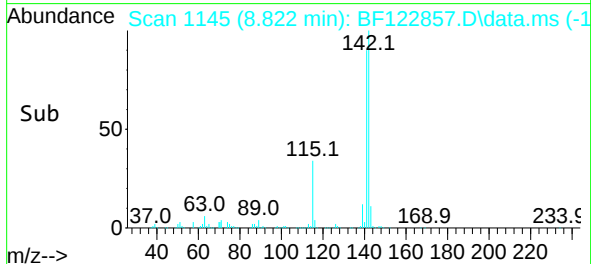
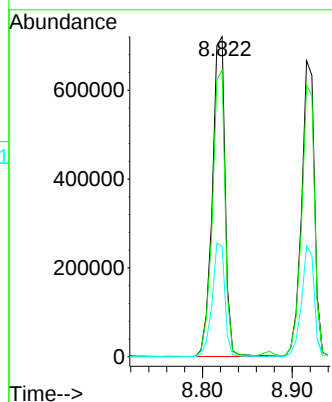
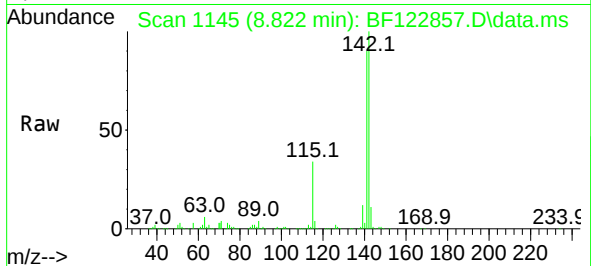




#37  
2-Methylnaphthalene  
Concen: 40.74 ng  
RT: 8.822 min Scan# 1145  
Delta R.T. -0.000 min  
Lab File: BF122857.D  
Acq: 24 Dec 2020 16:11

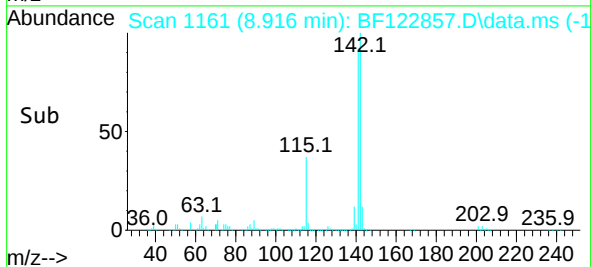
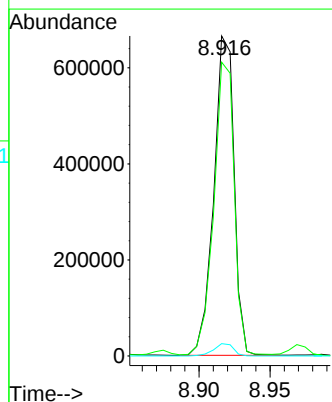
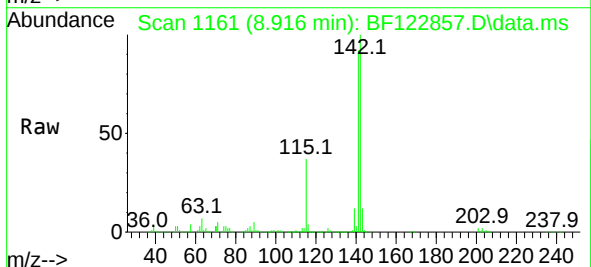
Instrument :  
BNA\_F  
ClientSampleId :  
BIN-4-122320MSD

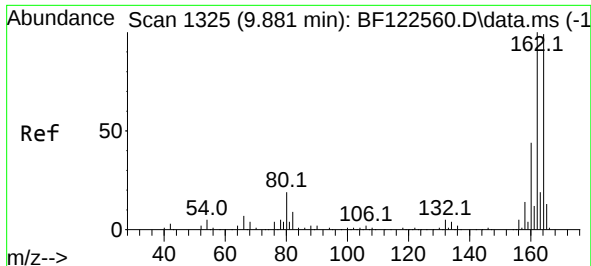
|             |                 |
|-------------|-----------------|
| Tgt Ion:142 | Resp: 713554    |
| Ion Ratio   | Lower Upper     |
| 142         | 100             |
| 141         | 89.5 70.6 106.0 |
| 115         | 34.3 28.7 43.1  |



#38  
1-Methylnaphthalene  
Concen: 39.91 ng  
RT: 8.916 min Scan# 1161  
Delta R.T. -0.006 min  
Lab File: BF122857.D  
Acq: 24 Dec 2020 16:11

|             |                 |
|-------------|-----------------|
| Tgt Ion:142 | Resp: 661235    |
| Ion Ratio   | Lower Upper     |
| 142         | 100             |
| 141         | 91.8 74.5 111.7 |
| 116         | 3.8 3.2 4.8     |





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.863 min Scan# 1322

Delta R.T. -0.000 min

Lab File: BF122857.D

Acq: 24 Dec 2020 16:11

Tgt Ion:164 Resp: 256744

Ion Ratio Lower Upper

164 100

162 104.8 80.8 121.2

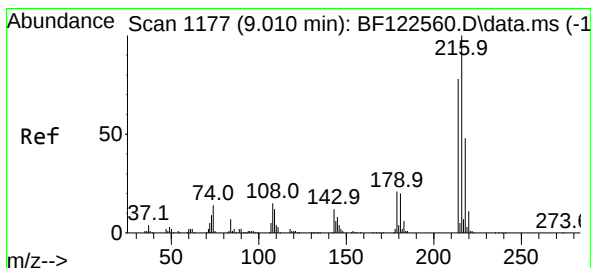
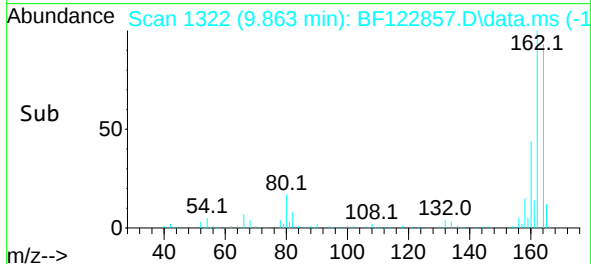
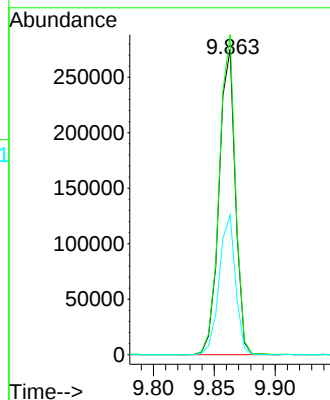
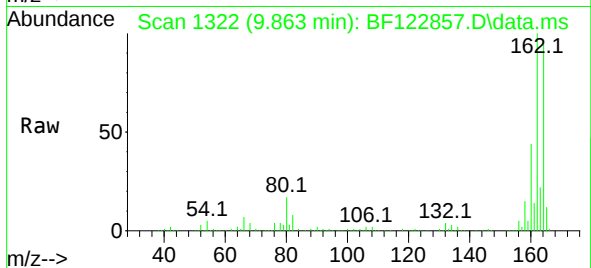
160 45.8 35.4 53.0

Instrument :

BNA\_F

ClientSampleId :

BIN-4-122320MSD



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.30 ng

RT: 8.986 min Scan# 1173

Delta R.T. -0.000 min

Lab File: BF122857.D

Acq: 24 Dec 2020 16:11

Tgt Ion:216 Resp: 342752

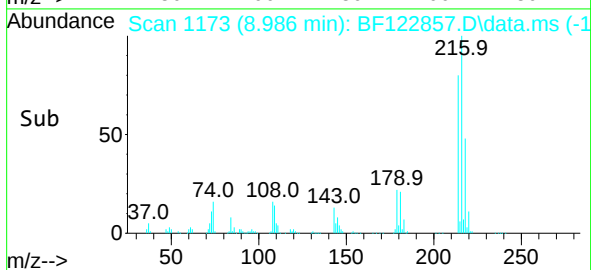
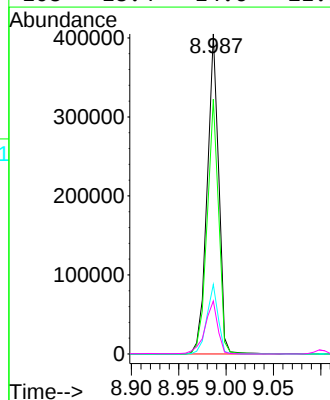
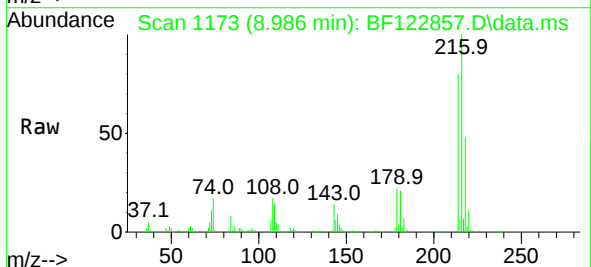
Ion Ratio Lower Upper

216 100

214 79.3 63.1 94.7

179 21.3 17.1 25.7

108 18.4 14.6 21.8

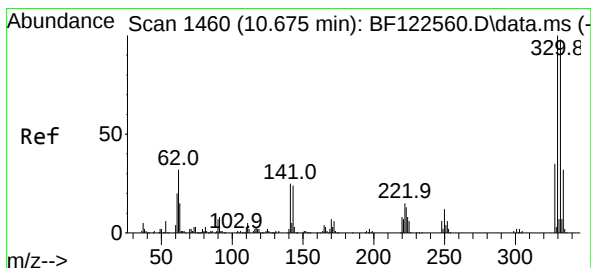
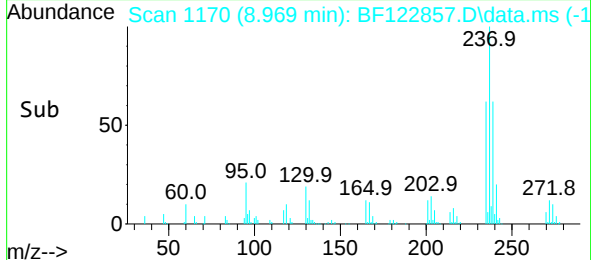
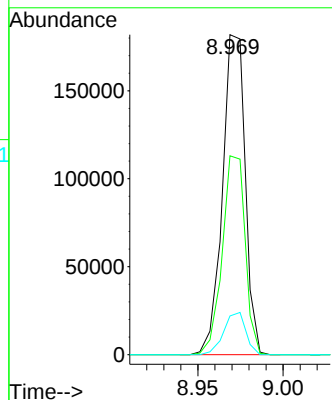
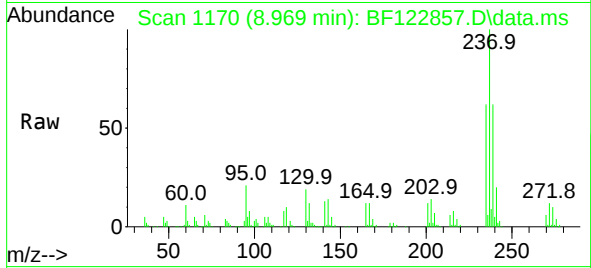




#41  
Hexachlorocyclopentadiene  
Concen: 44.93 ng  
RT: 8.969 min Scan# 1170  
Delta R.T. -0.006 min  
Lab File: BF122857.D  
Acq: 24 Dec 2020 16:11

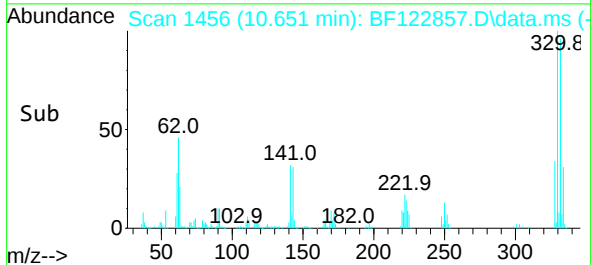
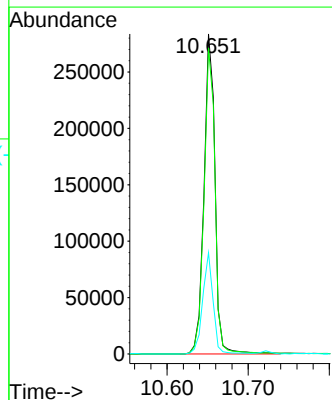
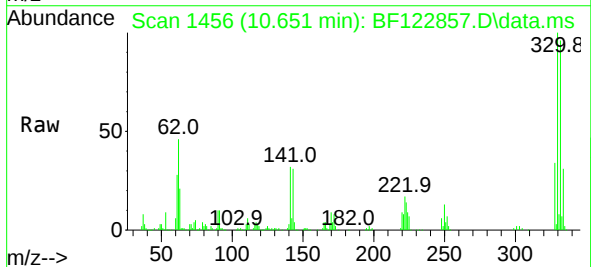
Instrument :  
BNA\_F  
ClientSampleId :  
BIN-4-122320MSD

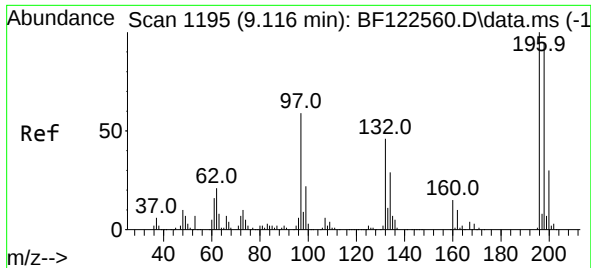
Tgt Ion:237 Resp: 168945  
Ion Ratio Lower Upper  
237 100  
235 62.2 40.9 80.9  
272 12.1 0.0 33.4



#42  
2,4,6-Tribromophenol  
Concen: 79.36 ng  
RT: 10.651 min Scan# 1456  
Delta R.T. -0.000 min  
Lab File: BF122857.D  
Acq: 24 Dec 2020 16:11

Tgt Ion:330 Resp: 266694  
Ion Ratio Lower Upper  
330 100  
332 96.3 77.5 116.3  
141 30.2 23.8 35.8

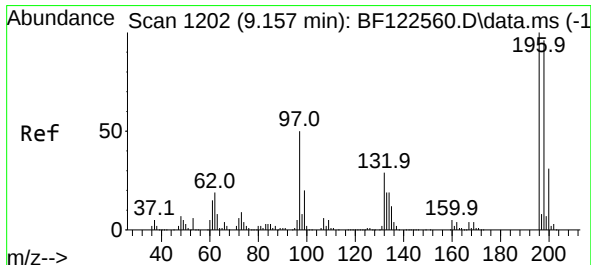
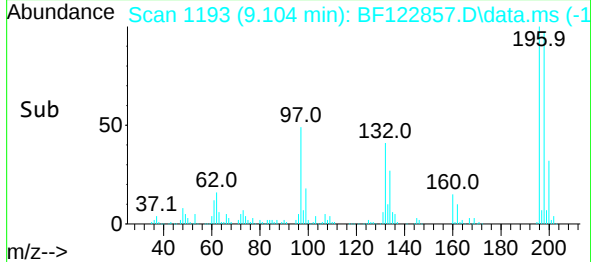
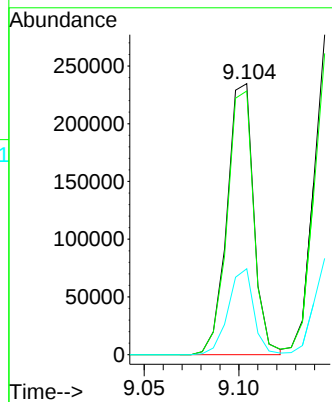
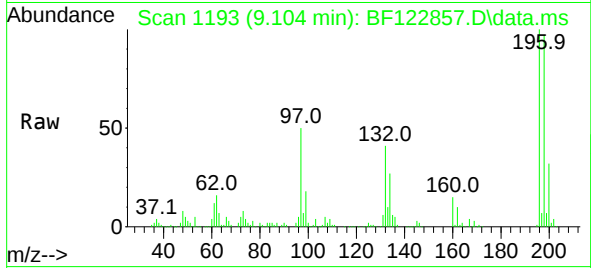




#43  
2,4,6-Trichlorophenol  
Concen: 39.10 ng  
RT: 9.104 min Scan# 1193  
Delta R.T. 0.006 min  
Lab File: BF122857.D  
Acq: 24 Dec 2020 16:11

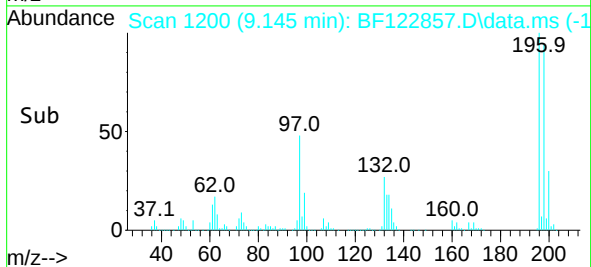
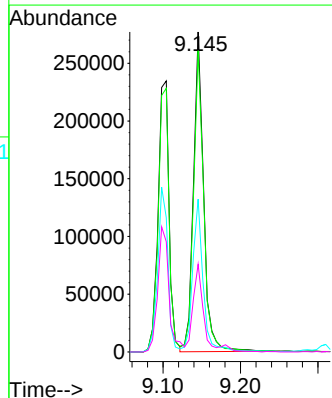
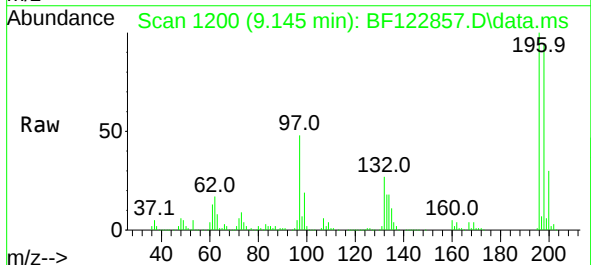
Instrument :  
BNA\_F  
ClientSampleId :  
BIN-4-122320MSD

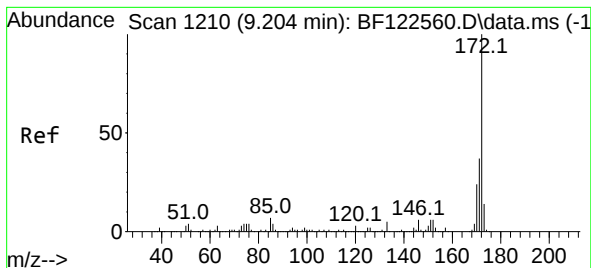
Tgt Ion:196 Resp: 229611  
Ion Ratio Lower Upper  
196 100  
198 97.3 75.1 112.7  
200 31.7 23.7 35.5



#44  
2,4,5-Trichlorophenol  
Concen: 41.54 ng  
RT: 9.145 min Scan# 1200  
Delta R.T. 0.006 min  
Lab File: BF122857.D  
Acq: 24 Dec 2020 16:11

Tgt Ion:196 Resp: 252158  
Ion Ratio Lower Upper  
196 100  
198 94.2 76.5 114.7  
97 47.8 40.1 60.1  
132 27.4 23.3 34.9





#45

2-Fluorobiphenyl

Concen: 50.86 ng

RT: 9.181 min Scan# 1206

Delta R.T. -0.006 min

Lab File: BF122857.D

Acq: 24 Dec 2020 16:11

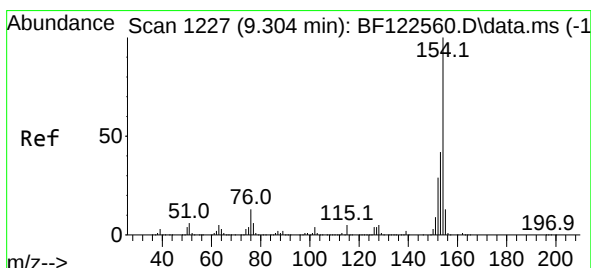
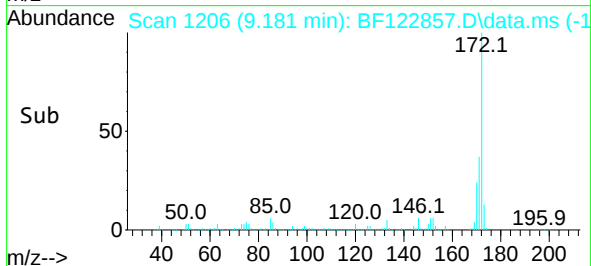
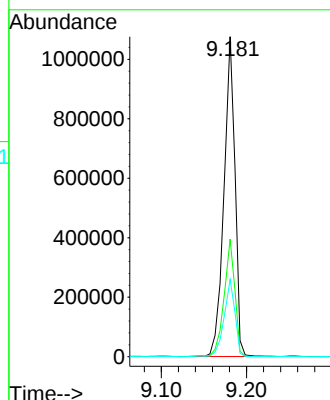
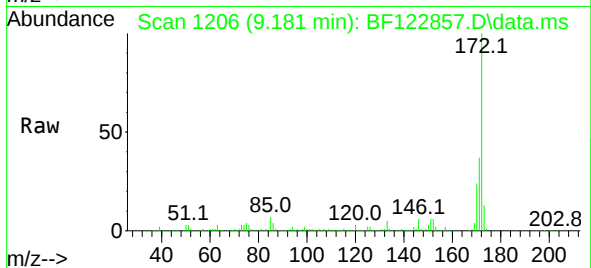
|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:172 | Resp: | 965345    |
| Ion Ratio   | Lower | Upper     |
| 172         | 100   |           |
| 171         | 36.8  | 29.6 44.4 |
| 170         | 24.2  | 19.5 29.3 |

Instrument :

BNA\_F

ClientSampleId :

BIN-4-122320MSD



#46

1,1'-Biphenyl

Concen: 40.48 ng

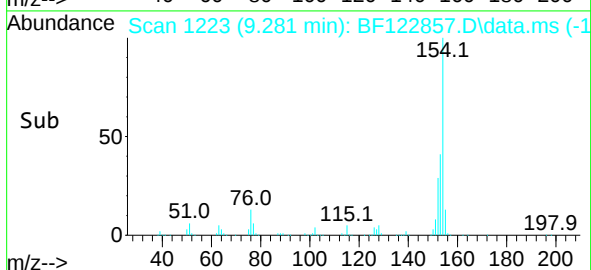
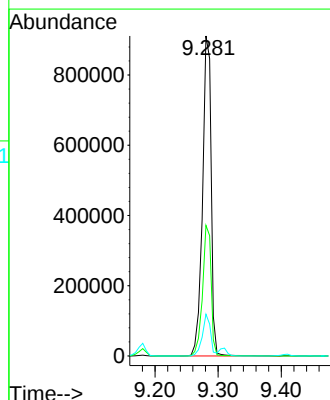
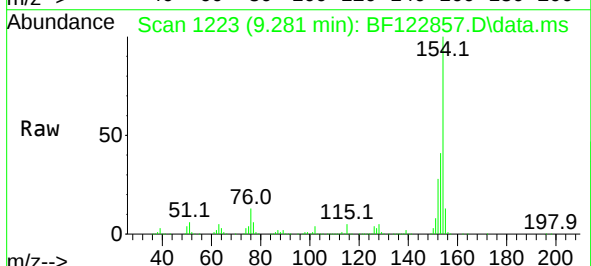
RT: 9.281 min Scan# 1223

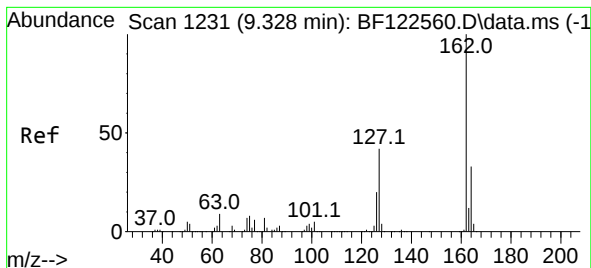
Delta R.T. -0.006 min

Lab File: BF122857.D

Acq: 24 Dec 2020 16:11

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:154 | Resp: | 862572    |
| Ion Ratio   | Lower | Upper     |
| 154         | 100   |           |
| 153         | 40.8  | 21.8 61.8 |
| 76          | 13.0  | 0.0 33.4  |





#47

2-Chloronaphthalene

Concen: 38.68 ng

RT: 9.310 min Scan# 1228

Delta R.T. -0.000 min

Lab File: BF122857.D

Acq: 24 Dec 2020 16:11

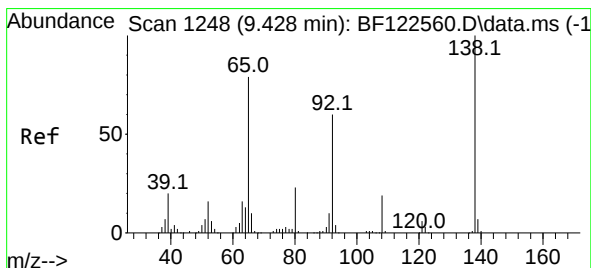
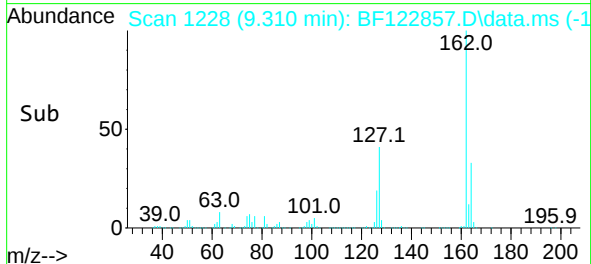
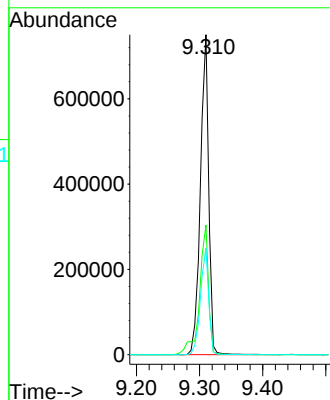
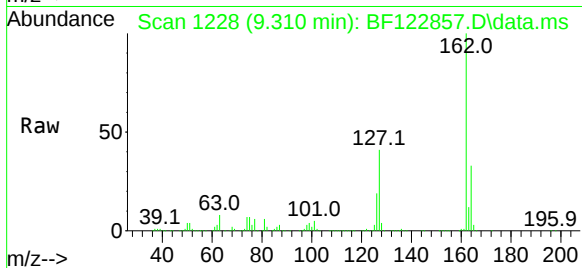
Tgt Ion:162 Resp: 682923

Ion Ratio Lower Upper

162 100

127 40.5 33.8 50.8

164 33.3 26.5 39.7



#48

2-Nitroaniline

Concen: 39.39 ng

RT: 9.410 min Scan# 1245

Delta R.T. 0.006 min

Lab File: BF122857.D

Acq: 24 Dec 2020 16:11

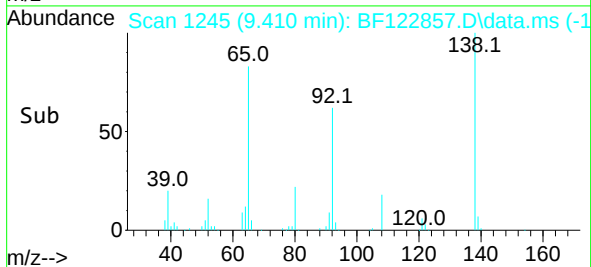
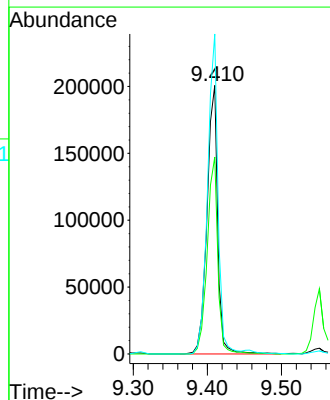
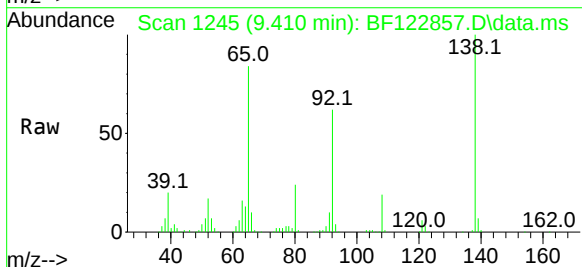
Tgt Ion: 65 Resp: 202754

Ion Ratio Lower Upper

65 100

92 73.4 60.0 90.0

138 119.2 100.6 151.0





#49

Acenaphthylene

Concen: 40.21 ng

RT: 9.722 min Scan# 1298

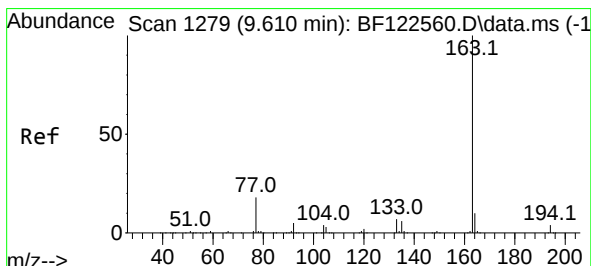
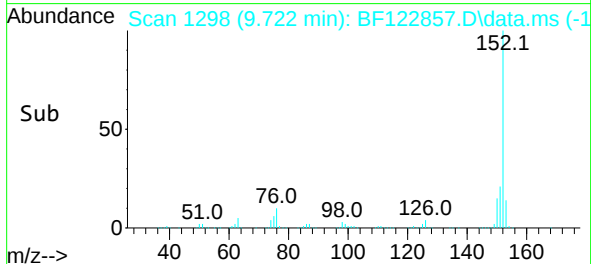
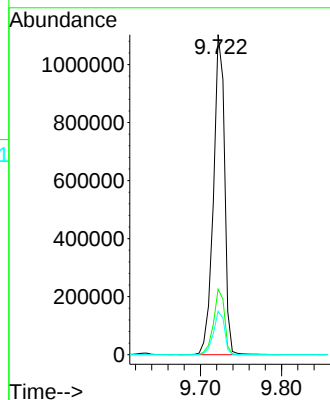
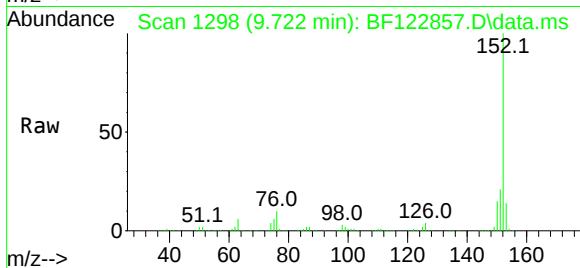
Delta R.T. -0.000 min

Lab File: BF122857.D

Acq: 24 Dec 2020 16:11

Tgt Ion:152 Resp: 1048617

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 152 | 100   |       |       |
| 151 | 20.5  | 16.6  | 25.0  |
| 153 | 13.6  | 10.9  | 16.3  |



#50

Dimethylphthalate

Concen: 43.09 ng

RT: 9.586 min Scan# 1275

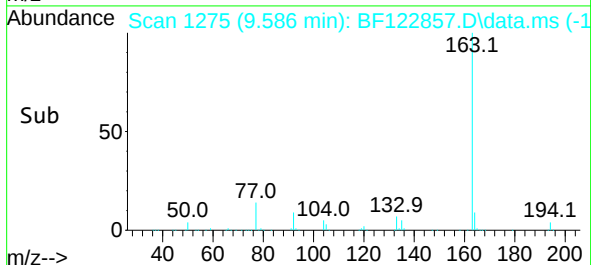
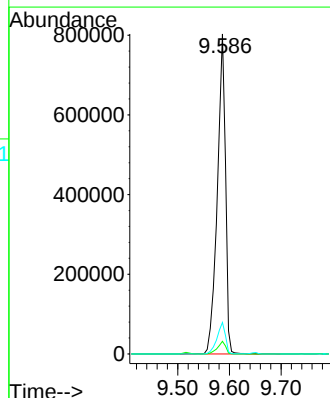
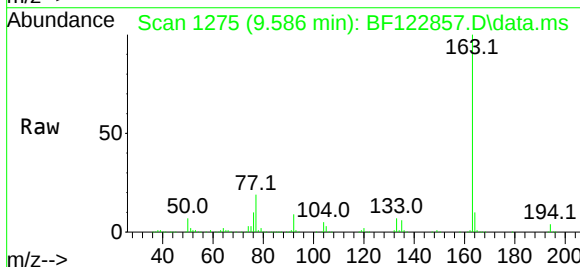
Delta R.T. -0.000 min

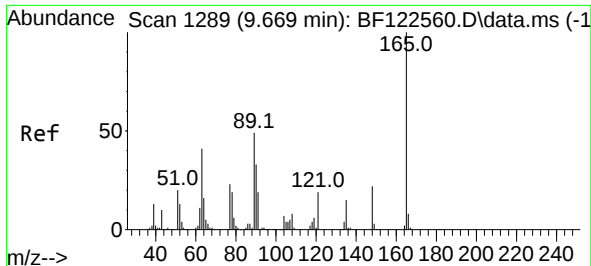
Lab File: BF122857.D

Acq: 24 Dec 2020 16:11

Tgt Ion:163 Resp: 883553

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 163 | 100   |       |       |
| 194 | 4.0   | 3.4   | 5.0   |
| 164 | 9.9   | 8.1   | 12.1  |

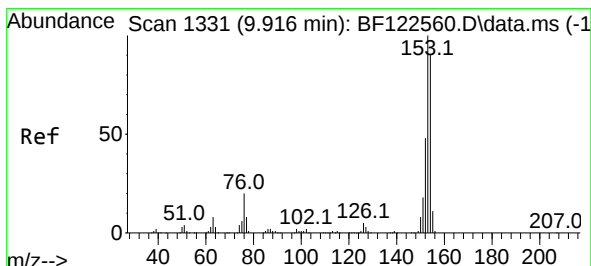
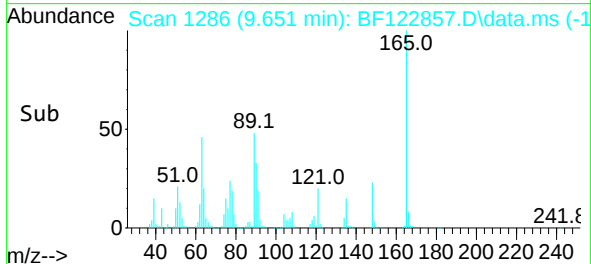
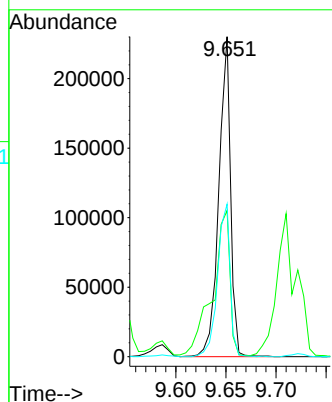
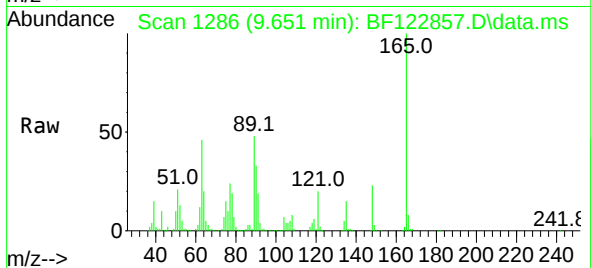




#51  
2,6-Dinitrotoluene  
Concen: 43.35 ng  
RT: 9.651 min Scan# 1286  
Delta R.T. 0.006 min  
Lab File: BF122857.D  
Acq: 24 Dec 2020 16:11

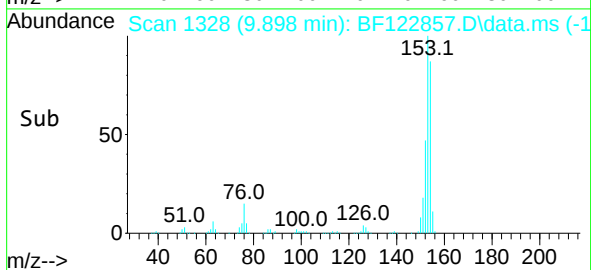
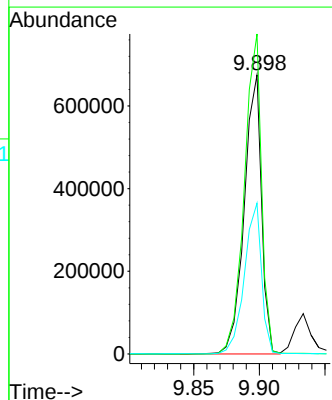
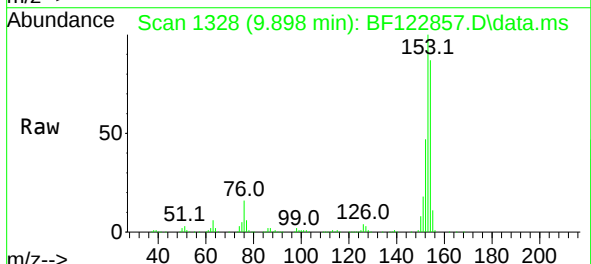
Instrument :  
BNA\_F  
ClientSampleId :  
BIN-4-122320MSD

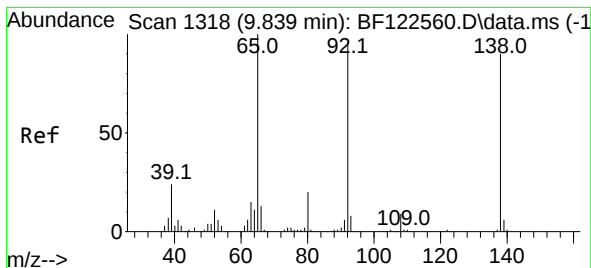
Tgt Ion:165 Resp: 187746  
Ion Ratio Lower Upper  
165 100  
63 45.7 36.6 55.0  
89 47.7 39.4 59.0



#52  
Acenaphthene  
Concen: 36.78 ng  
RT: 9.898 min Scan# 1328  
Delta R.T. -0.000 min  
Lab File: BF122857.D  
Acq: 24 Dec 2020 16:11

Tgt Ion:154 Resp: 620494  
Ion Ratio Lower Upper  
154 100  
153 114.7 89.0 133.6  
152 54.0 42.7 64.1

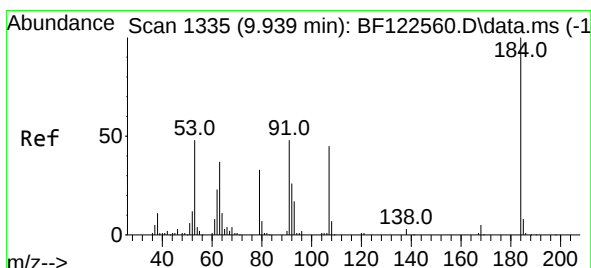
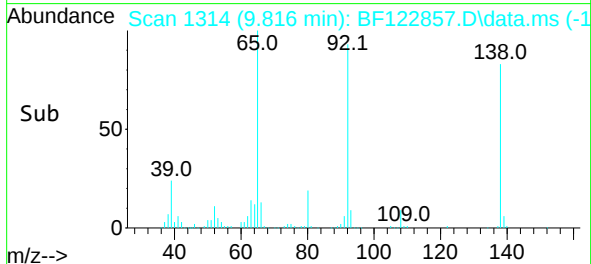
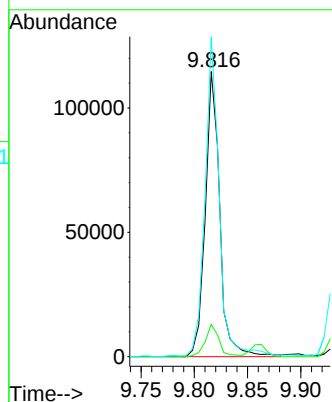
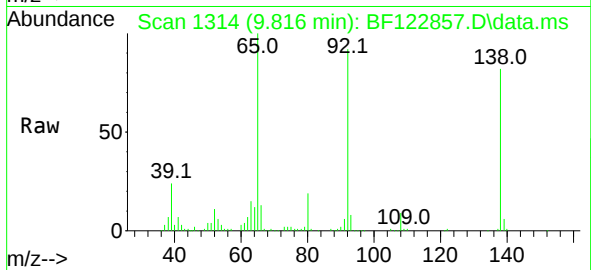




#53  
3-Nitroaniline  
Concen: 21.72 ng  
RT: 9.816 min Scan# 1314  
Delta R.T. -0.000 min  
Lab File: BF122857.D  
Acq: 24 Dec 2020 16:11

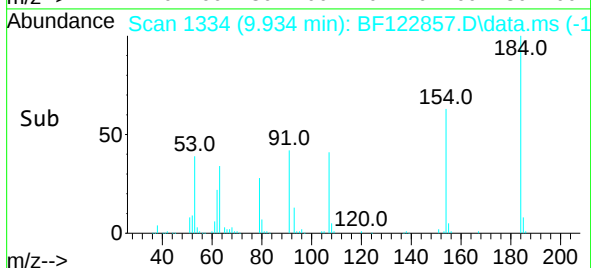
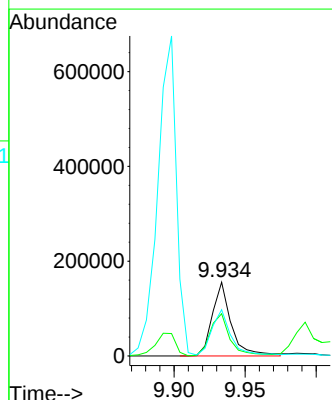
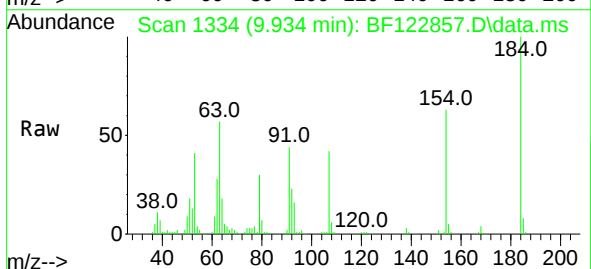
Instrument :  
BNA\_F  
ClientSampleId :  
BIN-4-122320MSD

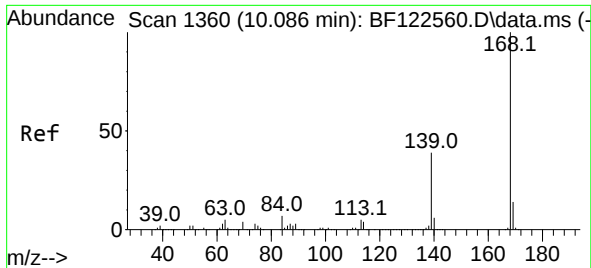
Tgt Ion:138 Resp: 108693  
Ion Ratio Lower Upper  
138 100  
108 11.4 8.2 12.2  
92 112.2 85.4 128.2



#54  
2,4-Dinitrophenol  
Concen: 68.21 ng  
RT: 9.934 min Scan# 1334  
Delta R.T. 0.006 min  
Lab File: BF122857.D  
Acq: 24 Dec 2020 16:11

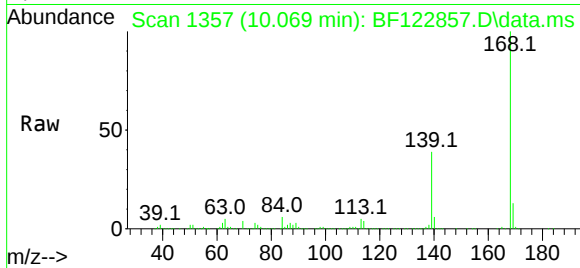
Tgt Ion:184 Resp: 144430  
Ion Ratio Lower Upper  
184 100  
63 57.2 51.4 77.2  
154 62.8 49.7 74.5



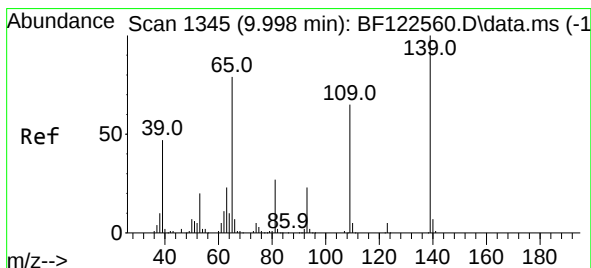
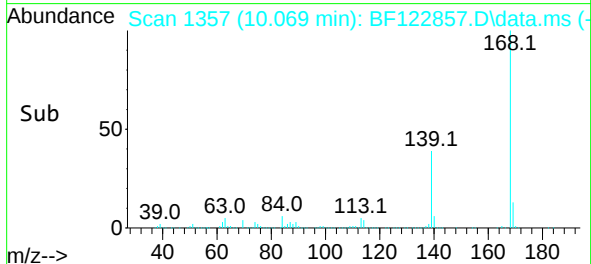
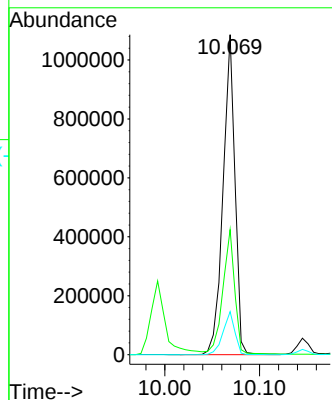


#55  
Dibenzenofuran  
Concen: 40.19 ng  
RT: 10.069 min Scan# 1357  
Delta R.T. -0.000 min  
Lab File: BF122857.D  
Acq: 24 Dec 2020 16:11

Instrument :  
BNA\_F  
ClientSampleId :  
BIN-4-122320MSD

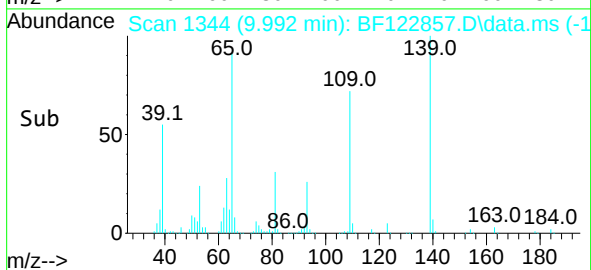
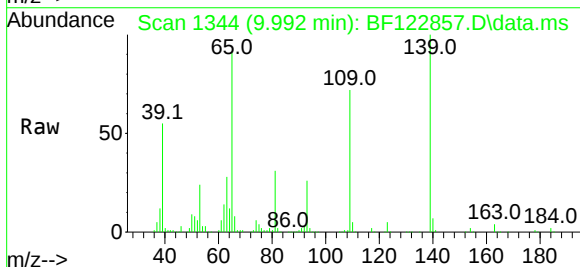
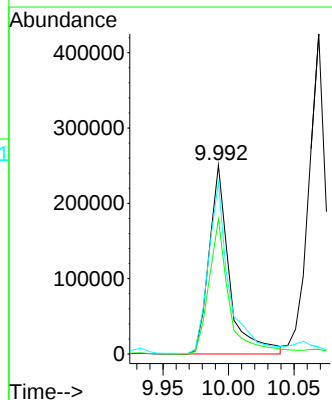


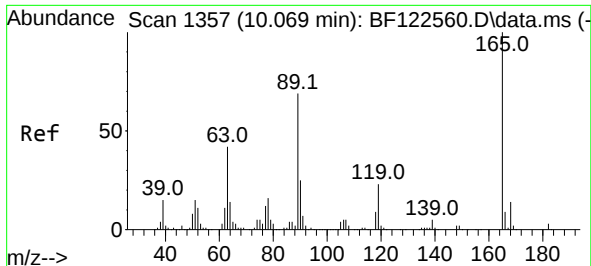
Tgt Ion:168 Resp: 953754  
Ion Ratio Lower Upper  
168 100  
139 39.1 31.3 46.9  
169 13.5 11.2 16.8



#56  
4-Nitrophenol  
Concen: 75.41 ng  
RT: 9.992 min Scan# 1344  
Delta R.T. 0.018 min  
Lab File: BF122857.D  
Acq: 24 Dec 2020 16:11

Tgt Ion:139 Resp: 269082  
Ion Ratio Lower Upper  
139 100  
109 71.5 45.1 85.1  
65 91.0 59.2 99.2

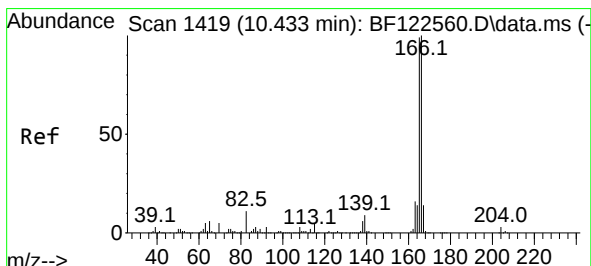
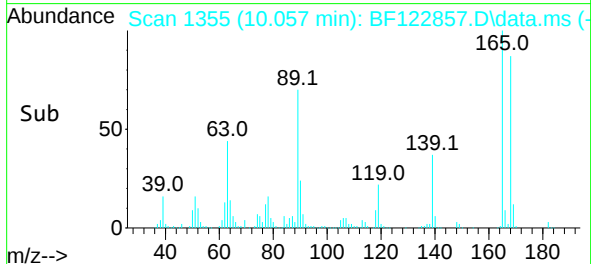
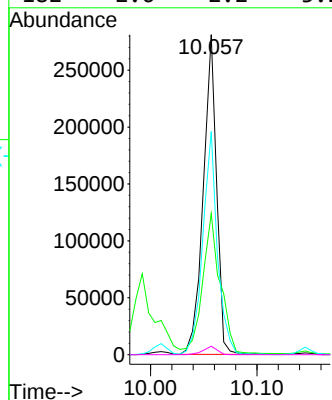
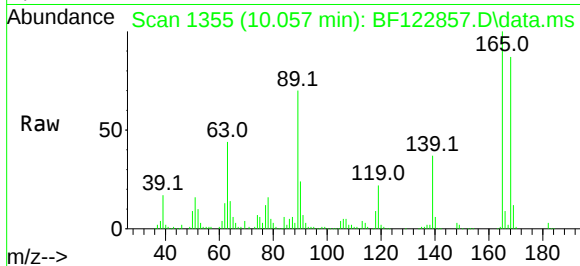




#57  
2,4-Dinitrotoluene  
Concen: 42.48 ng  
RT: 10.057 min Scan# 1355  
Delta R.T. 0.006 min  
Lab File: BF122857.D  
Acq: 24 Dec 2020 16:11

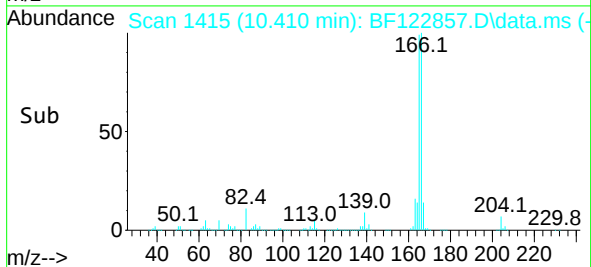
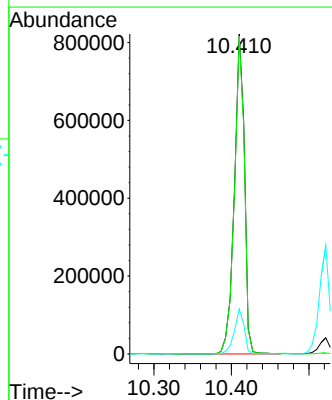
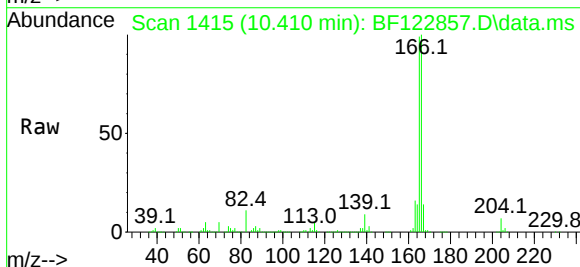
Instrument :  
BNA\_F  
ClientSampleId :  
BIN-4-122320MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 165   | Resp: | 245055 |
| Ion Ratio | Lower | Upper |        |
| 165       | 100   |       |        |
| 63        | 44.1  | 34.3  | 51.5   |
| 89        | 69.8  | 55.2  | 82.8   |
| 182       | 2.6   | 2.2   | 3.2    |



#58  
Fluorene  
Concen: 39.64 ng  
RT: 10.410 min Scan# 1415  
Delta R.T. -0.000 min  
Lab File: BF122857.D  
Acq: 24 Dec 2020 16:11

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 166   | Resp: | 748222 |
| Ion Ratio | Lower | Upper |        |
| 166       | 100   |       |        |
| 165       | 99.2  | 79.4  | 119.0  |
| 167       | 14.1  | 10.9  | 16.3   |

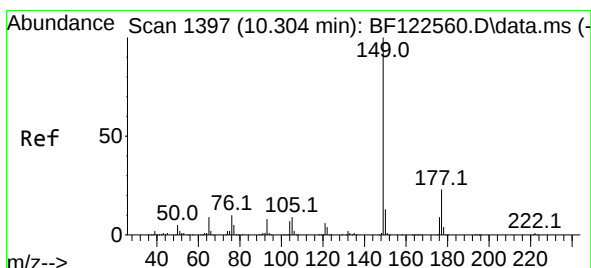
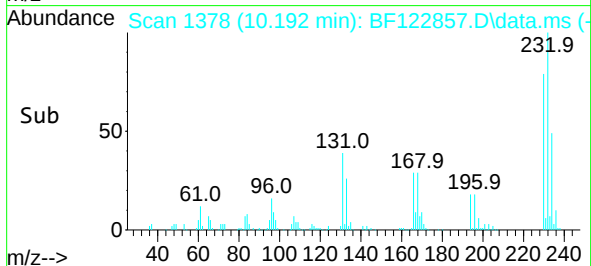
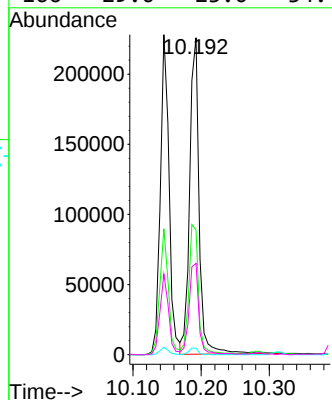
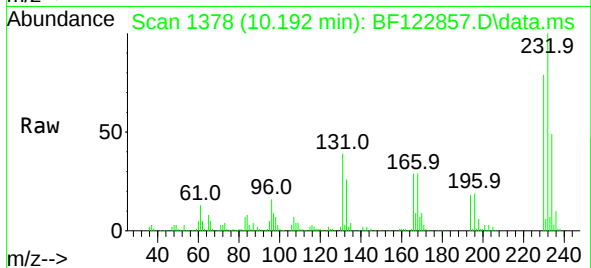




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 40.48 ng  
RT: 10.192 min Scan# 1378  
Delta R.T. 0.006 min  
Lab File: BF122857.D  
Acq: 24 Dec 2020 16:11

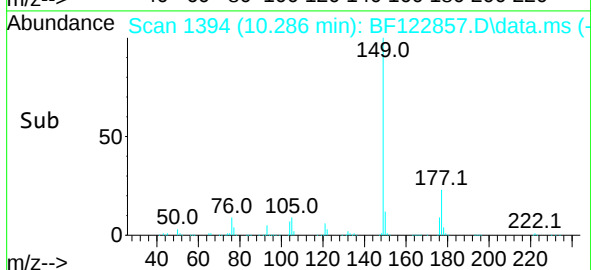
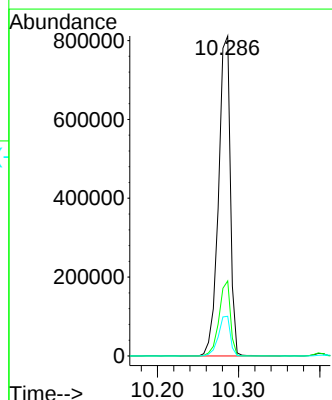
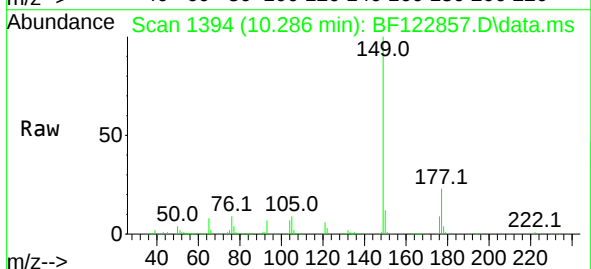
Instrument :  
BNA\_F  
ClientSampleId :  
BIN-4-122320MSD

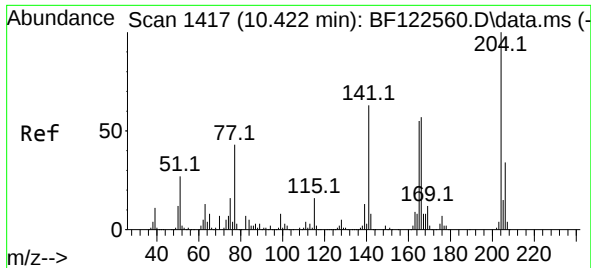
Tgt Ion:232 Resp: 215885  
Ion Ratio Lower Upper  
232 100  
131 41.3 33.0 49.4  
130 2.1 1.7 2.5  
166 29.0 23.0 34.4



#60  
Diethylphthalate  
Concen: 41.05 ng  
RT: 10.286 min Scan# 1394  
Delta R.T. 0.006 min  
Lab File: BF122857.D  
Acq: 24 Dec 2020 16:11

Tgt Ion:149 Resp: 818754  
Ion Ratio Lower Upper  
149 100  
177 23.5 18.2 27.4  
150 12.4 10.1 15.1

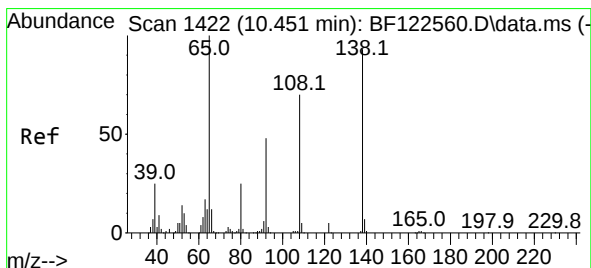
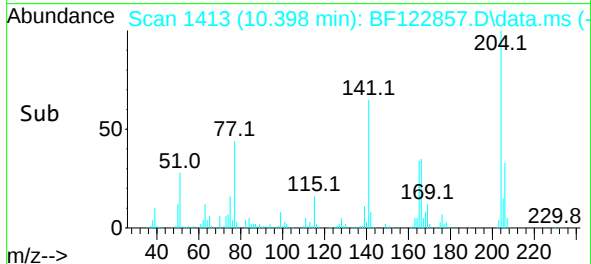
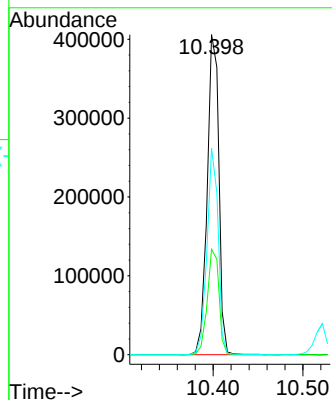
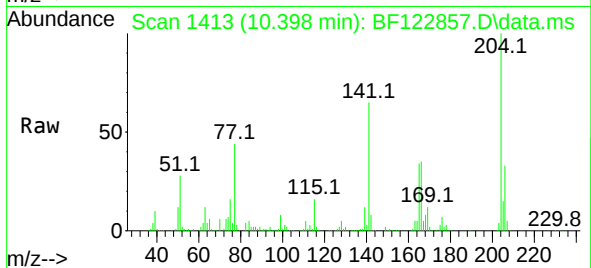




#61  
4-Chlorophenyl-phenylether  
Concen: 39.31 ng  
RT: 10.398 min Scan# 1413  
Delta R.T. -0.000 min  
Lab File: BF122857.D  
Acq: 24 Dec 2020 16:11

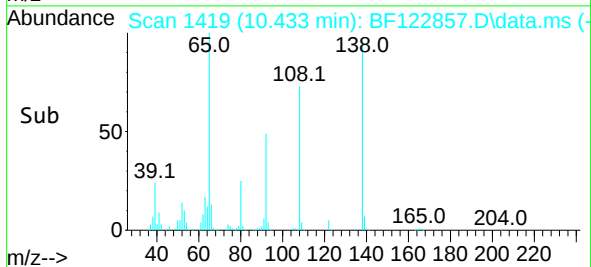
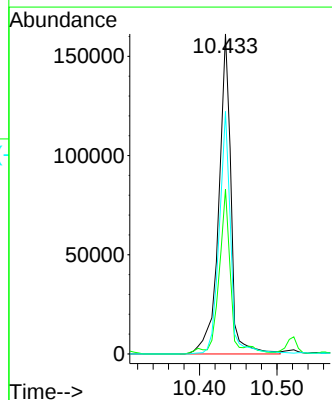
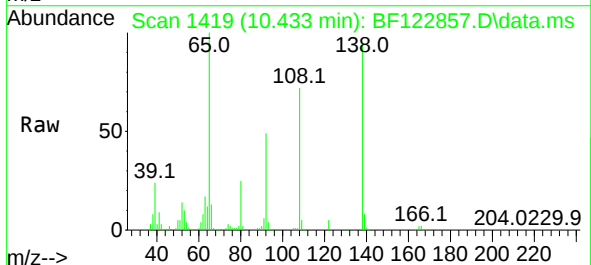
Instrument :  
BNA\_F  
ClientSampleId :  
BIN-4-122320MSD

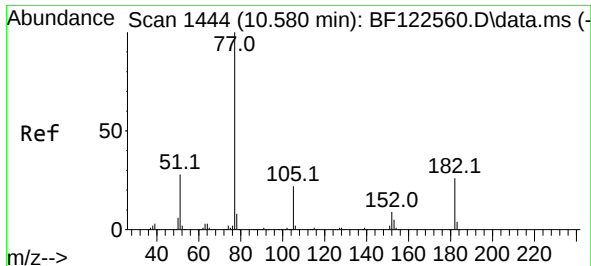
Tgt Ion:204 Resp: 365311  
Ion Ratio Lower Upper  
204 100  
206 33.0 27.0 40.4  
141 64.6 50.4 75.6



#62  
4-Nitroaniline  
Concen: 34.74 ng  
RT: 10.433 min Scan# 1419  
Delta R.T. 0.006 min  
Lab File: BF122857.D  
Acq: 24 Dec 2020 16:11

Tgt Ion:138 Resp: 176464  
Ion Ratio Lower Upper  
138 100  
92 51.5 31.0 71.0  
108 75.8 54.8 94.8

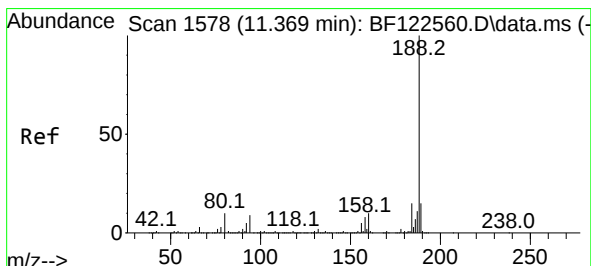
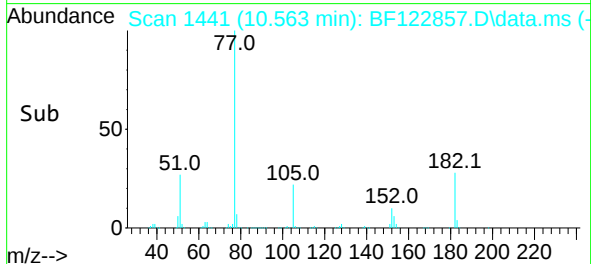
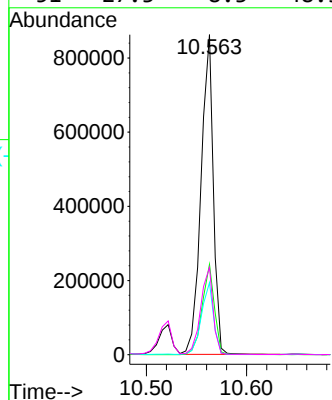
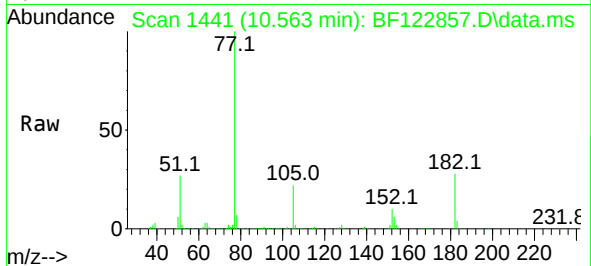




#63  
Azobenzene  
Concen: 40.24 ng  
RT: 10.563 min Scan# 1441  
Delta R.T. -0.000 min  
Lab File: BF122857.D  
Acq: 24 Dec 2020 16:11

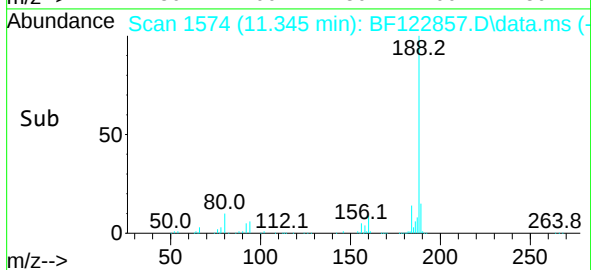
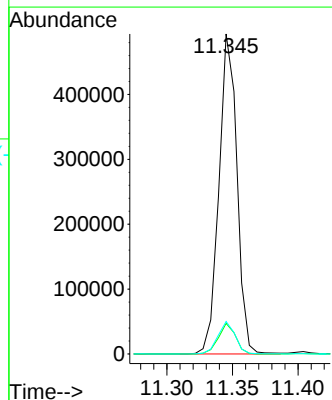
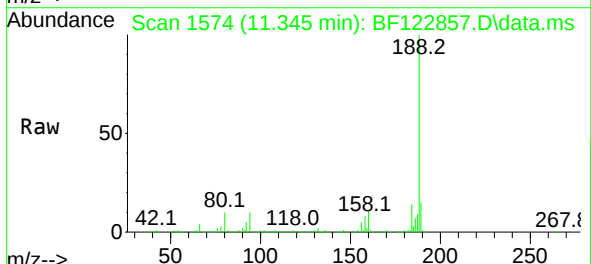
Instrument :  
BNA\_F  
ClientSampleId :  
BIN-4-122320MSD

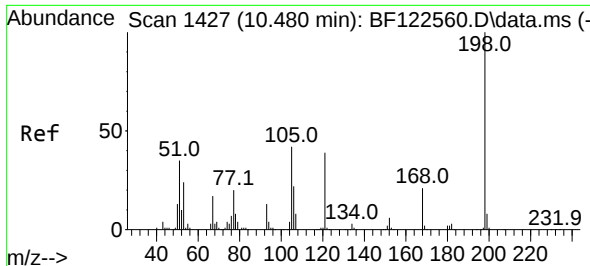
|             |              |
|-------------|--------------|
| Tgt Ion: 77 | Resp: 737604 |
| Ion Ratio   | Lower Upper  |
| 77 100      |              |
| 182 28.2    | 5.6 45.6     |
| 105 22.5    | 1.8 41.8     |
| 51 27.3     | 8.3 48.3     |



#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 11.345 min Scan# 1574  
Delta R.T. -0.000 min  
Lab File: BF122857.D  
Acq: 24 Dec 2020 16:11

|             |              |
|-------------|--------------|
| Tgt Ion:188 | Resp: 469969 |
| Ion Ratio   | Lower Upper  |
| 188 100     |              |
| 94 9.6      | 7.4 11.2     |
| 80 10.1     | 8.2 12.4     |

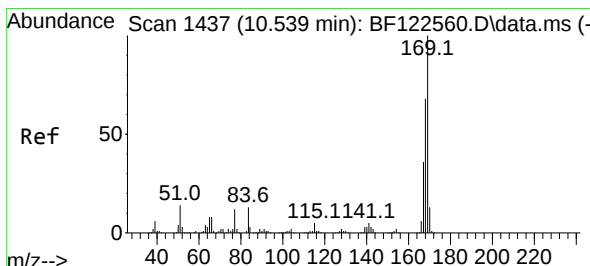
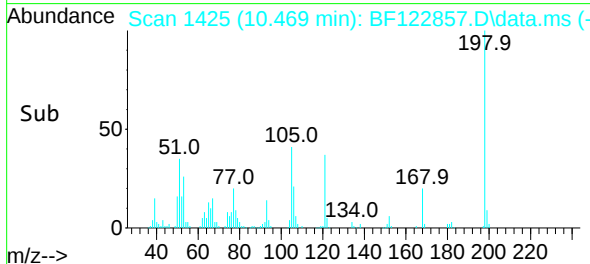
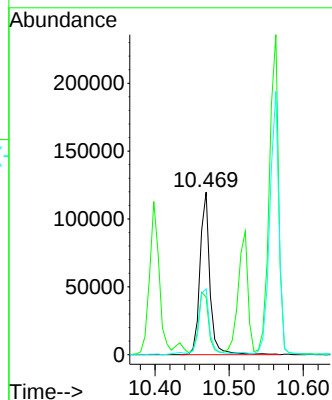
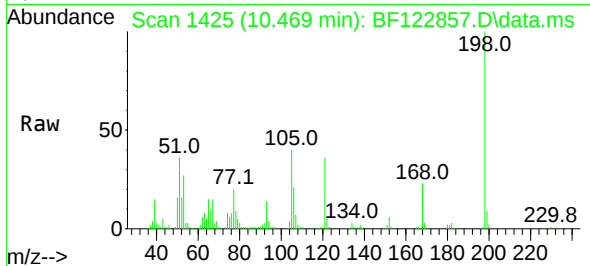




#65  
4,6-Dinitro-2-methylphenol  
Concen: 38.59 ng  
RT: 10.469 min Scan# 1425  
Delta R.T. 0.006 min  
Lab File: BF122857.D  
Acq: 24 Dec 2020 16:11

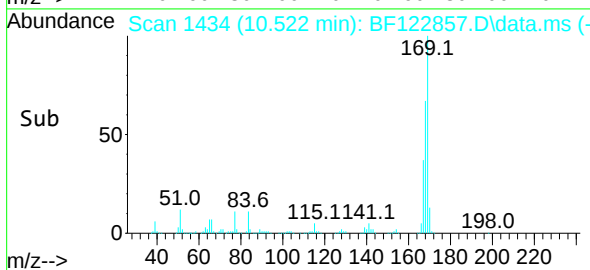
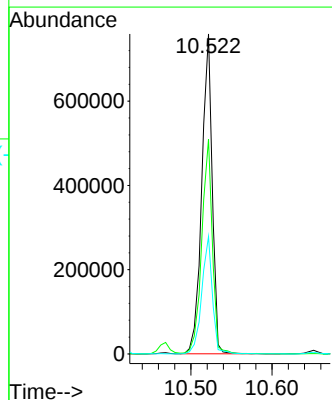
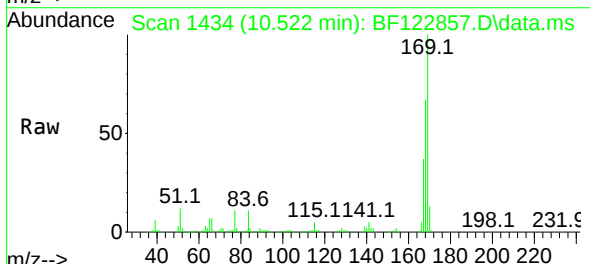
Instrument :  
BNA\_F  
ClientSampleId :  
BIN-4-122320MSD

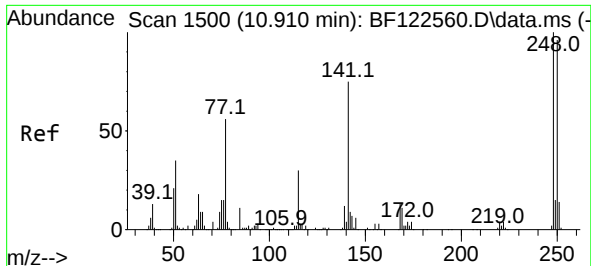
Tgt Ion:198 Resp: 110583  
Ion Ratio Lower Upper  
198 100  
51 35.6 20.3 60.3  
105 40.5 23.0 63.0



#66  
n-Nitrosodiphenylamine  
Concen: 40.97 ng  
RT: 10.522 min Scan# 1434  
Delta R.T. -0.000 min  
Lab File: BF122857.D  
Acq: 24 Dec 2020 16:11

Tgt Ion:169 Resp: 680327  
Ion Ratio Lower Upper  
169 100  
168 67.1 54.2 81.2  
167 36.7 29.2 43.8

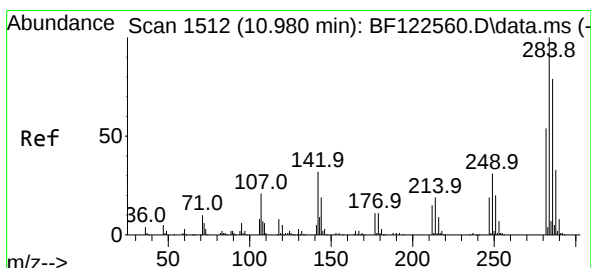
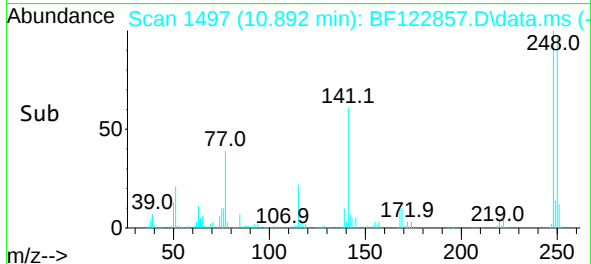
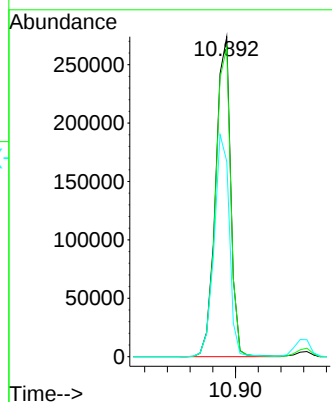
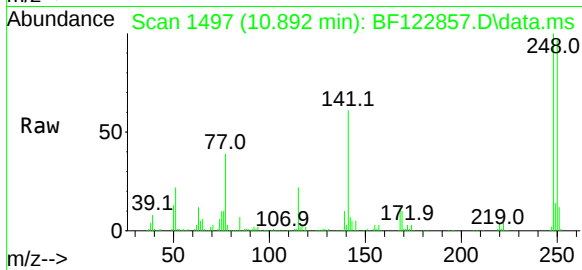




#67  
4-Bromophenyl-phenylether  
Concen: 39.52 ng  
RT: 10.892 min Scan# 1497  
Delta R.T. -0.000 min  
Lab File: BF122857.D  
Acq: 24 Dec 2020 16:11

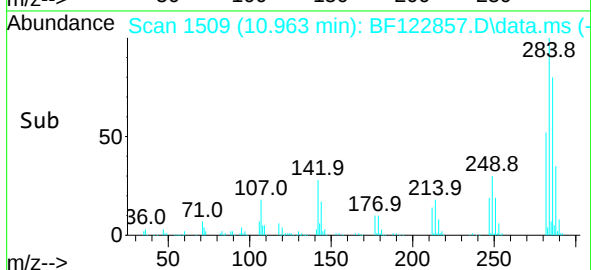
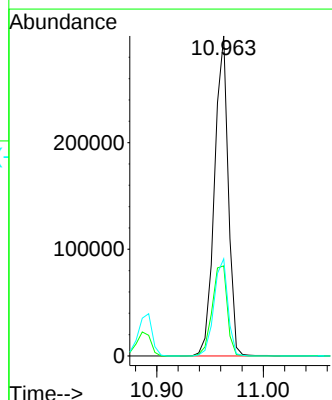
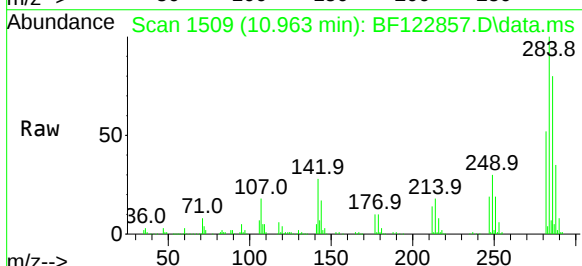
Instrument :  
BNA\_F  
ClientSampleId :  
BIN-4-122320MSD

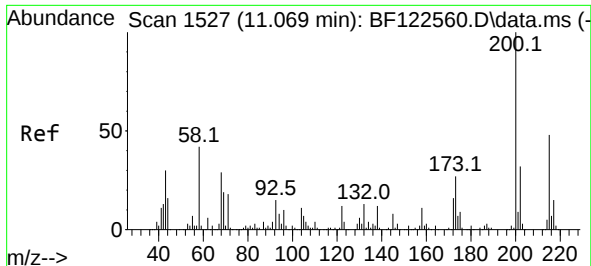
Tgt Ion:248 Resp: 251709  
Ion Ratio Lower Upper  
248 100  
250 96.7 76.8 115.2  
141 61.1 59.8 89.8



#68  
Hexachlorobenzene  
Concen: 38.30 ng  
RT: 10.963 min Scan# 1509  
Delta R.T. -0.000 min  
Lab File: BF122857.D  
Acq: 24 Dec 2020 16:11

Tgt Ion:284 Resp: 269642  
Ion Ratio Lower Upper  
284 100  
142 28.2 25.6 38.4  
249 30.4 25.1 37.7

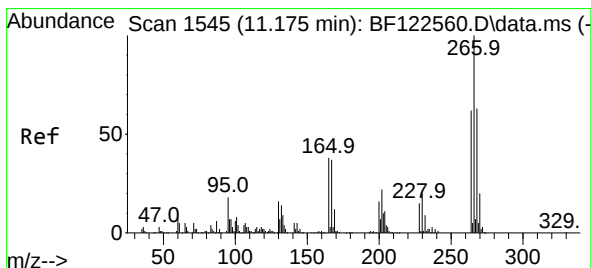
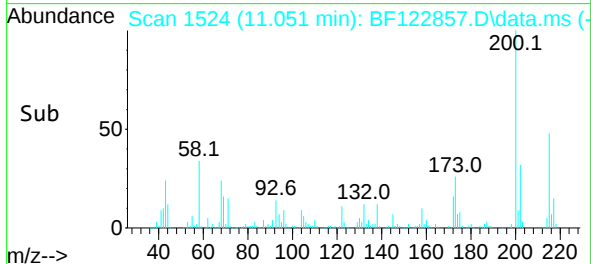
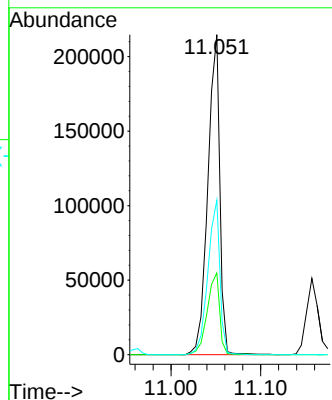
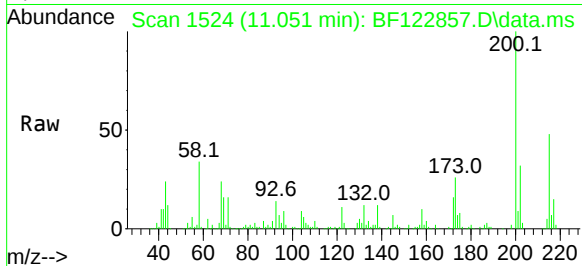




#69  
Atrazine  
Concen: 36.82 ng  
RT: 11.051 min Scan# 1524  
Delta R.T. 0.006 min  
Lab File: BF122857.D  
Acq: 24 Dec 2020 16:11

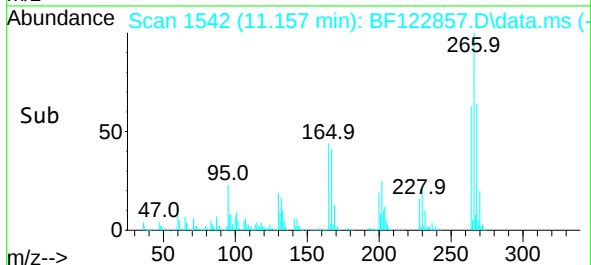
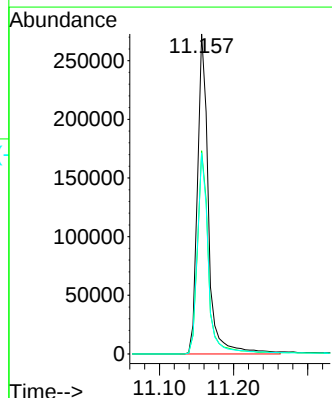
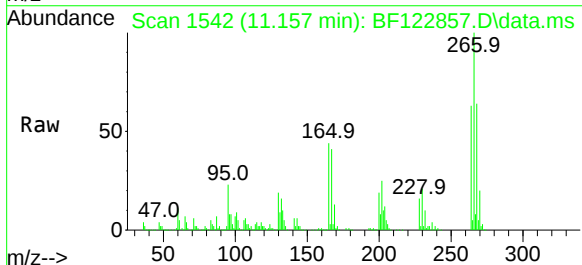
Instrument :  
BNA\_F  
ClientSampleId :  
BIN-4-122320MSD

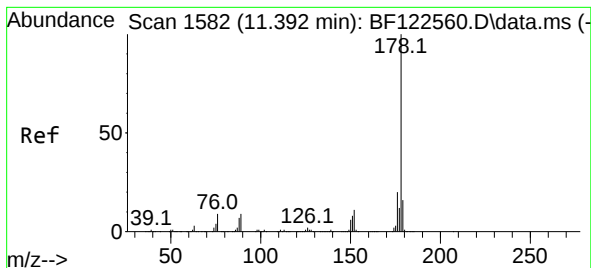
Tgt Ion:200 Resp: 198588  
Ion Ratio Lower Upper  
200 100  
173 25.5 6.6 46.6  
215 48.3 28.1 68.1



#70  
Pentachlorophenol  
Concen: 75.18 ng  
RT: 11.157 min Scan# 1542  
Delta R.T. 0.006 min  
Lab File: BF122857.D  
Acq: 24 Dec 2020 16:11

Tgt Ion:266 Resp: 280414  
Ion Ratio Lower Upper  
266 100  
268 63.5 50.5 75.7  
264 62.8 49.8 74.8

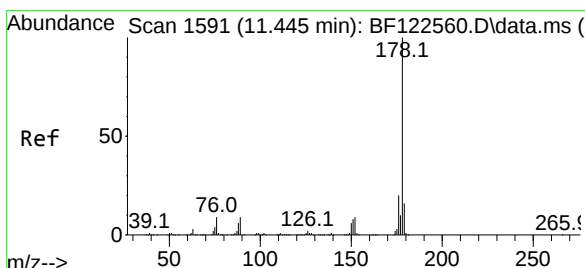
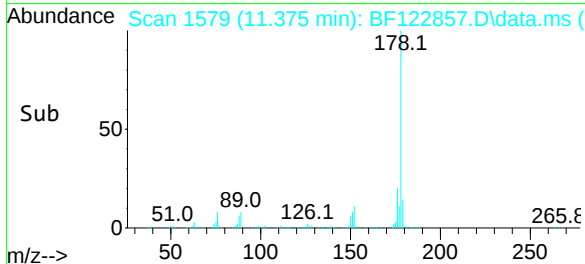
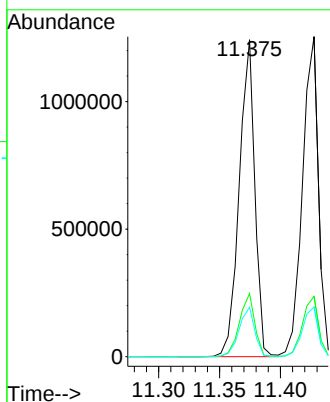
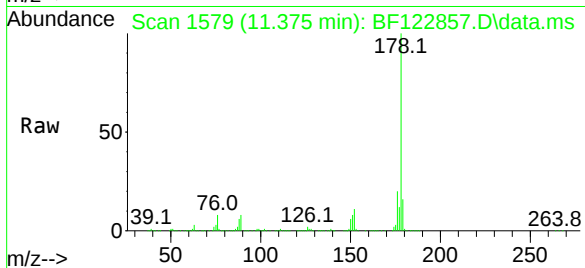




#71  
Phenanthrene  
Concen: 39.55 ng  
RT: 11.375 min Scan# 1579  
Delta R.T. 0.006 min  
Lab File: BF122857.D  
Acq: 24 Dec 2020 16:11

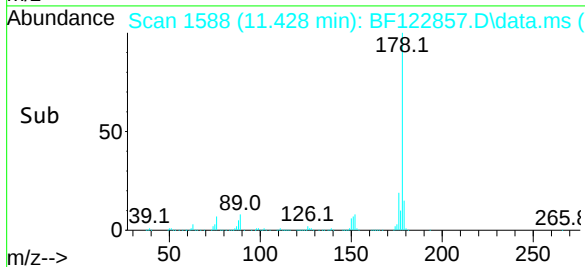
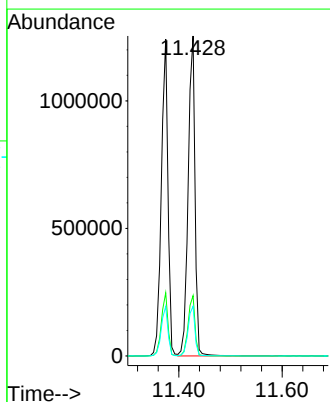
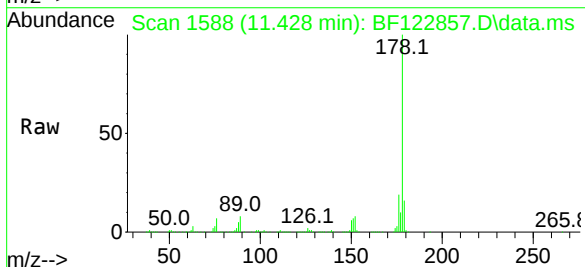
Instrument :  
BNA\_F  
ClientSampleId :  
BIN-4-122320MSD

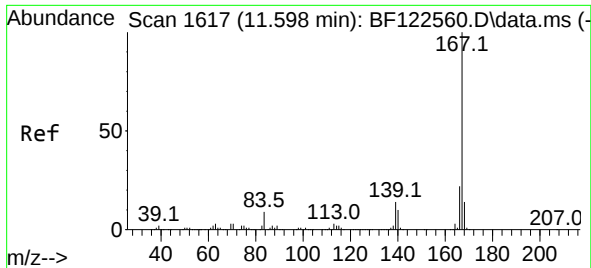
Tgt Ion:178 Resp: 1104745  
Ion Ratio Lower Upper  
178 100  
176 19.9 16.2 24.2  
179 15.6 12.7 19.1



#72  
Anthracene  
Concen: 41.66 ng  
RT: 11.428 min Scan# 1588  
Delta R.T. 0.006 min  
Lab File: BF122857.D  
Acq: 24 Dec 2020 16:11

Tgt Ion:178 Resp: 1153771  
Ion Ratio Lower Upper  
178 100  
176 18.9 15.6 23.4  
179 15.5 12.8 19.2

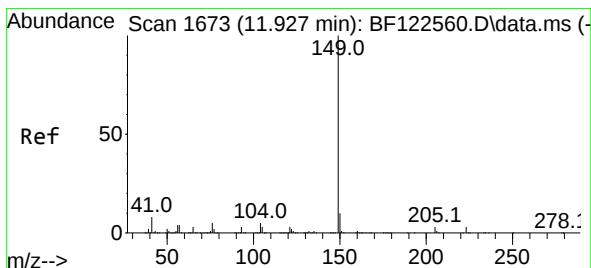
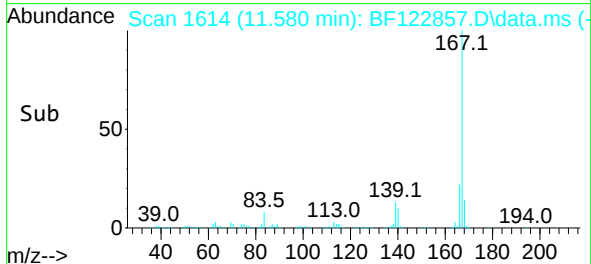
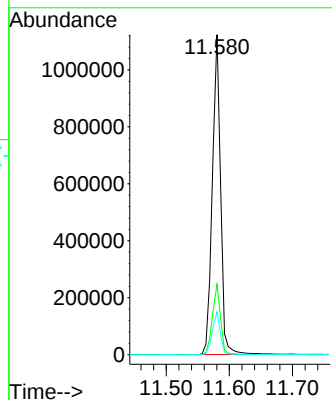
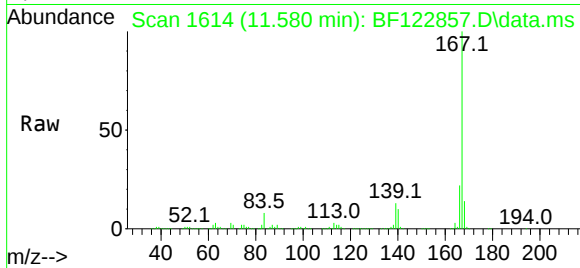




#73  
 Carbazole  
 Concen: 40.63 ng  
 RT: 11.580 min Scan# 1614  
 Delta R.T. 0.006 min  
 Lab File: BF122857.D  
 Acq: 24 Dec 2020 16:11

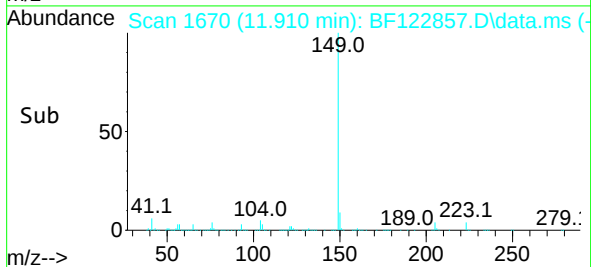
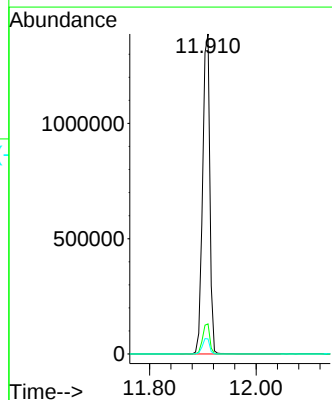
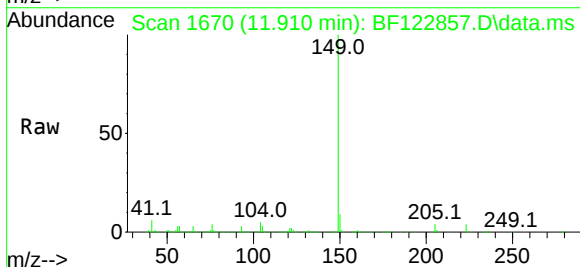
Instrument :  
 BNA\_F  
 ClientSampleId :  
 BIN-4-122320MSD

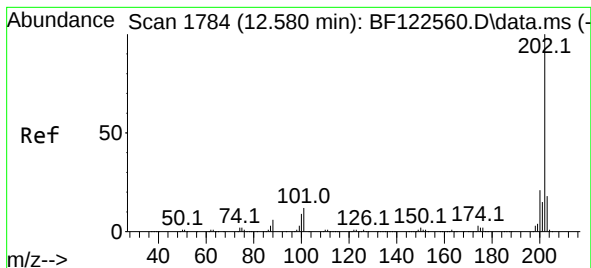
Tgt Ion:167 Resp: 1020535  
 Ion Ratio Lower Upper  
 167 100  
 166 22.1 18.0 27.0  
 139 13.3 10.9 16.3



#74  
 Di-n-butylphthalate  
 Concen: 41.22 ng  
 RT: 11.910 min Scan# 1670  
 Delta R.T. -0.000 min  
 Lab File: BF122857.D  
 Acq: 24 Dec 2020 16:11

Tgt Ion:149 Resp: 1301019  
 Ion Ratio Lower Upper  
 149 100  
 150 9.4 7.8 11.6  
 104 4.7 4.2 6.4

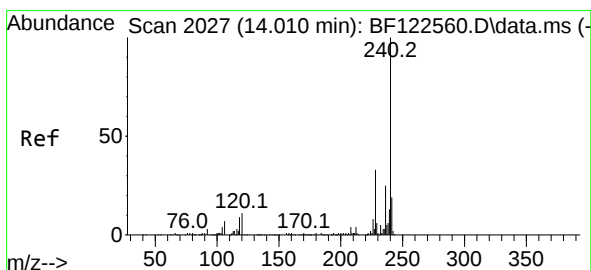
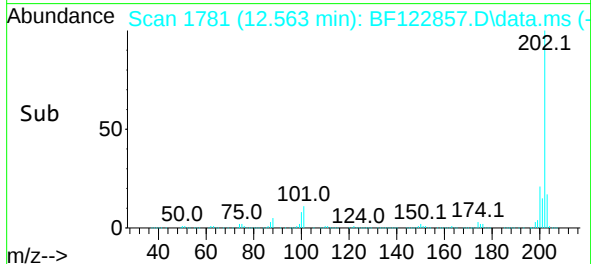
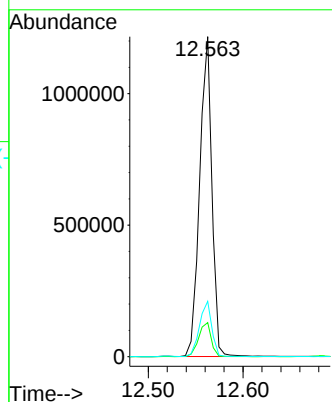
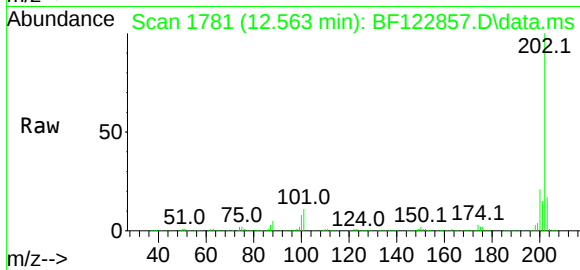




#75  
Fluoranthene  
Concen: 37.34 ng  
RT: 12.563 min Scan# 1781  
Delta R.T. 0.006 min  
Lab File: BF122857.D  
Acq: 24 Dec 2020 16:11

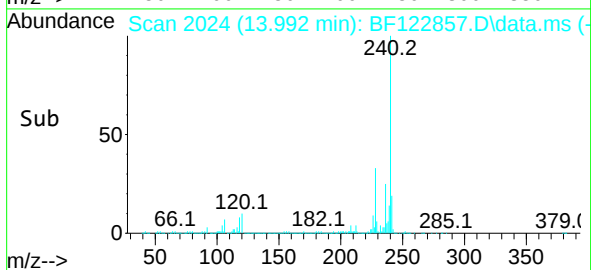
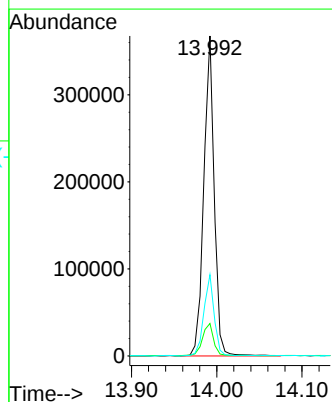
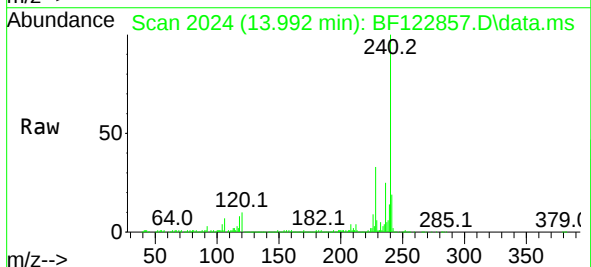
Instrument :  
BNA\_F  
ClientSampleId :  
BIN-4-122320MSD

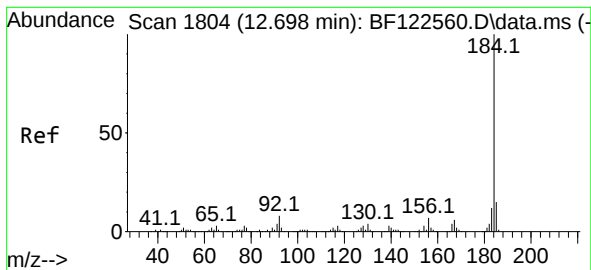
Tgt Ion:202 Resp: 1093723  
Ion Ratio Lower Upper  
202 100  
101 10.6 0.0 32.2  
203 17.3 0.0 38.1



#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 13.992 min Scan# 2024  
Delta R.T. 0.006 min  
Lab File: BF122857.D  
Acq: 24 Dec 2020 16:11

Tgt Ion:240 Resp: 312734  
Ion Ratio Lower Upper  
240 100  
120 10.2 8.6 12.8  
236 25.4 20.3 30.5





#77

Benzidine

Concen: 69.35 ng

RT: 12.680 min Scan# 1801

Delta R.T. -0.000 min

Lab File: BF122857.D

Acq: 24 Dec 2020 16:11

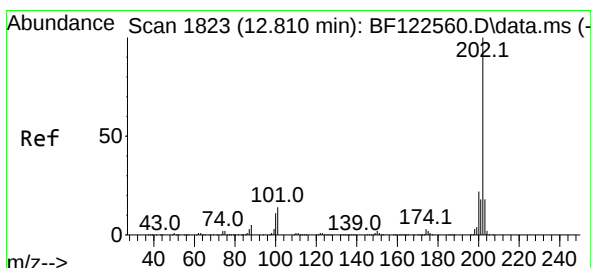
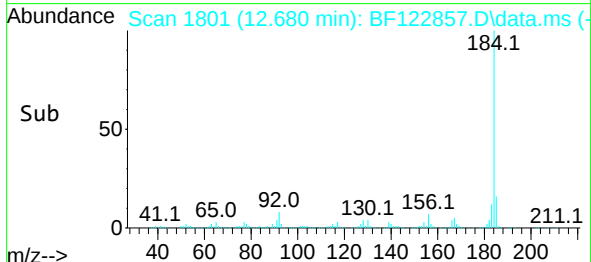
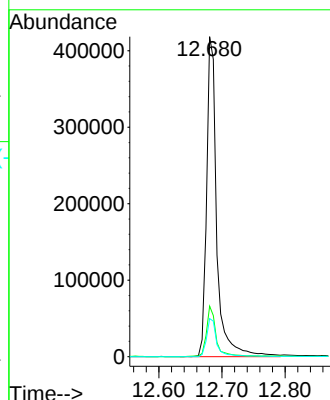
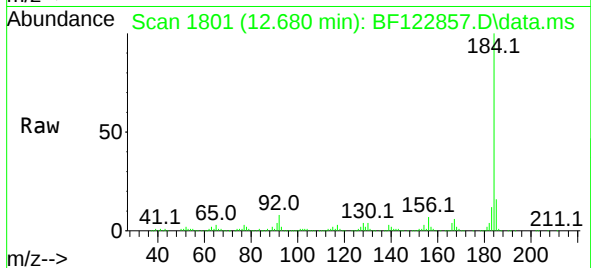
Tgt Ion:184 Resp: 469102

Ion Ratio Lower Upper

184 100

185 15.8 11.8 17.6

183 11.9 9.7 14.5



#78

Pyrene

Concen: 44.83 ng

RT: 12.792 min Scan# 1820

Delta R.T. 0.006 min

Lab File: BF122857.D

Acq: 24 Dec 2020 16:11

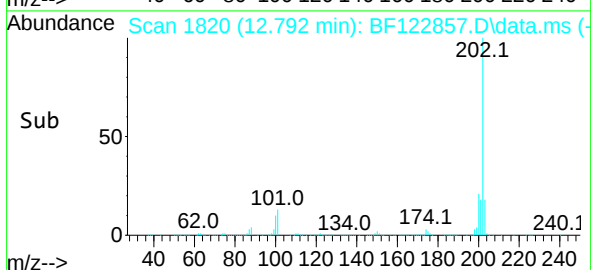
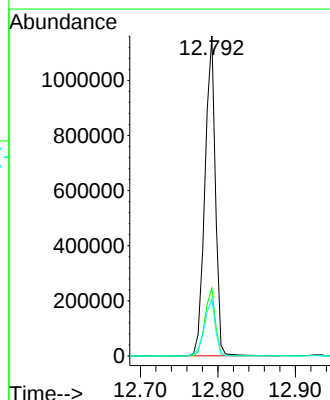
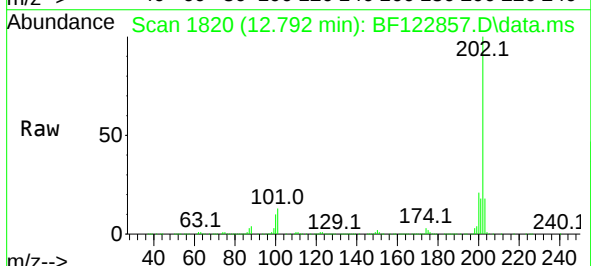
Tgt Ion:202 Resp: 1083957

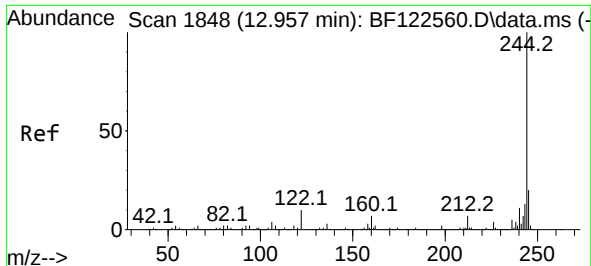
Ion Ratio Lower Upper

202 100

200 21.2 17.6 26.4

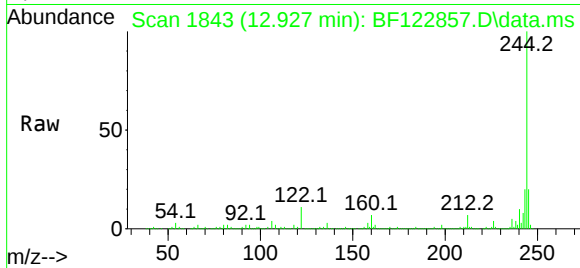
203 17.7 14.6 21.8



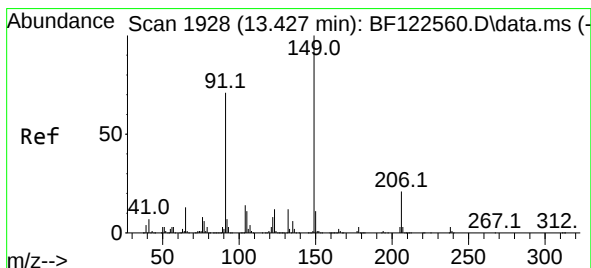
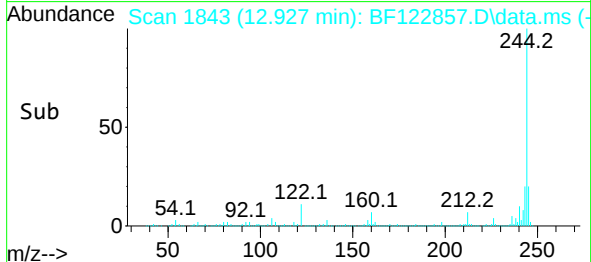
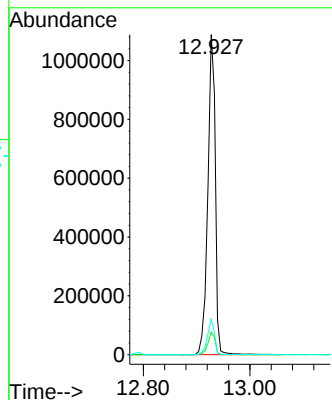


#79  
 Terphenyl-d14  
 Concen: 59.23 ng  
 RT: 12.927 min Scan# 1843  
 Delta R.T. -0.006 min  
 Lab File: BF122857.D  
 Acq: 24 Dec 2020 16:11

Instrument :  
 BNA\_F  
 ClientSampleId :  
 BIN-4-122320MSD

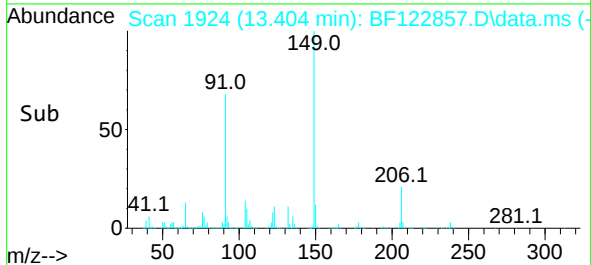
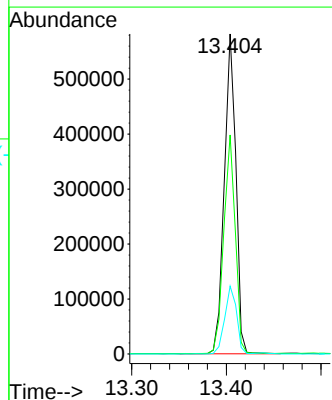
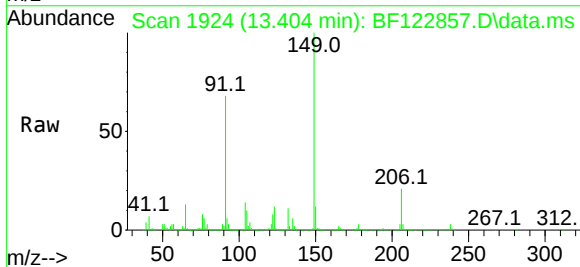


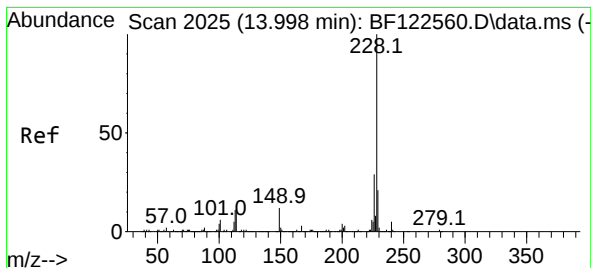
Tgt Ion:244 Resp: 1058122  
 Ion Ratio Lower Upper  
 244 100  
 212 7.1 5.7 8.5  
 122 11.1 8.3 12.5



#80  
 Butylbenzylphthalate  
 Concen: 45.59 ng  
 RT: 13.404 min Scan# 1924  
 Delta R.T. -0.000 min  
 Lab File: BF122857.D  
 Acq: 24 Dec 2020 16:11

Tgt Ion:149 Resp: 496481  
 Ion Ratio Lower Upper  
 149 100  
 91 68.4 56.5 84.7  
 206 21.2 17.0 25.6

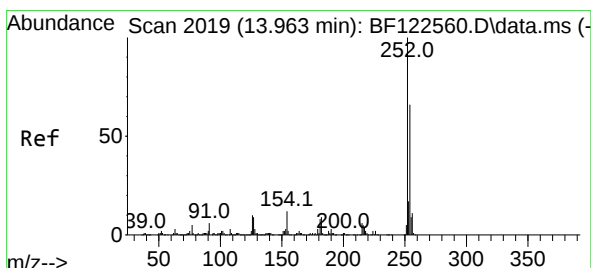
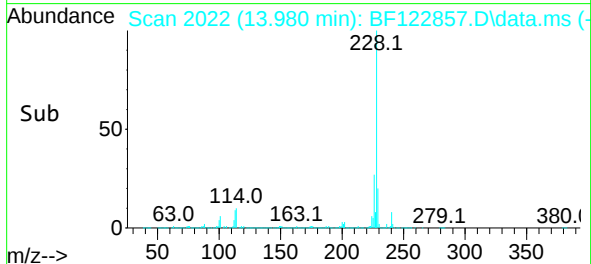
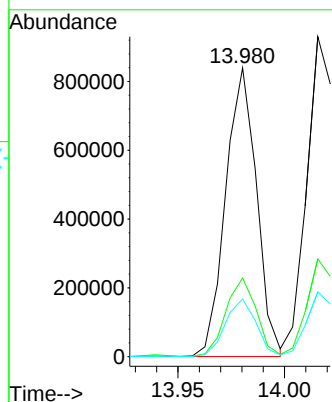
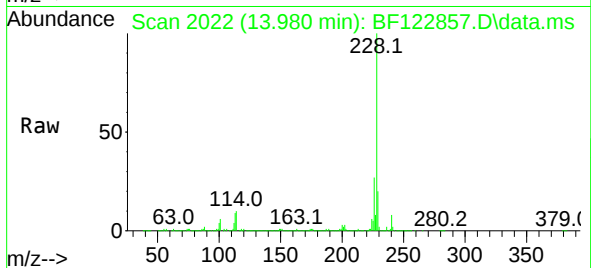




#81  
Benzo(a)anthracene  
Concen: 40.52 ng  
RT: 13.980 min Scan# 2022  
Delta R.T. 0.006 min  
Lab File: BF122857.D  
Acq: 24 Dec 2020 16:11

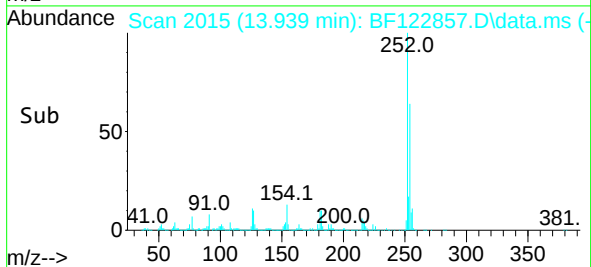
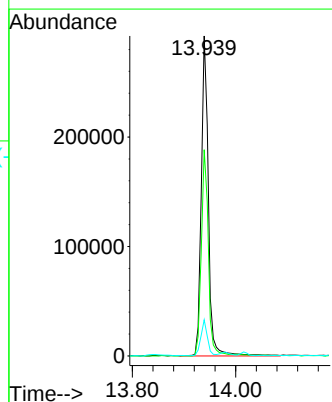
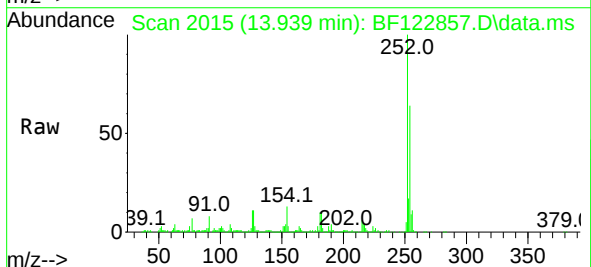
Instrument :  
BNA\_F  
ClientSampleId :  
BIN-4-122320MSD

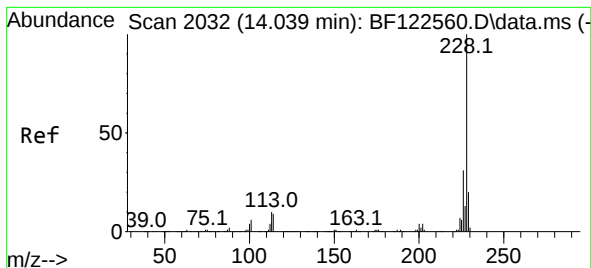
Tgt Ion:228 Resp: 846974  
Ion Ratio Lower Upper  
228 100  
226 27.2 23.0 34.4  
229 19.9 16.6 24.8



#82  
3,3'-Dichlorobenzidine  
Concen: 37.21 ng  
RT: 13.939 min Scan# 2015  
Delta R.T. -0.000 min  
Lab File: BF122857.D  
Acq: 24 Dec 2020 16:11

Tgt Ion:252 Resp: 278521  
Ion Ratio Lower Upper  
252 100  
254 64.4 52.7 79.1  
126 11.3 8.0 12.0





#83

Chrysene

Concen: 41.48 ng

RT: 14.016 min Scan# 2028

Delta R.T. -0.000 min

Lab File: BF122857.D

Acq: 24 Dec 2020 16:11

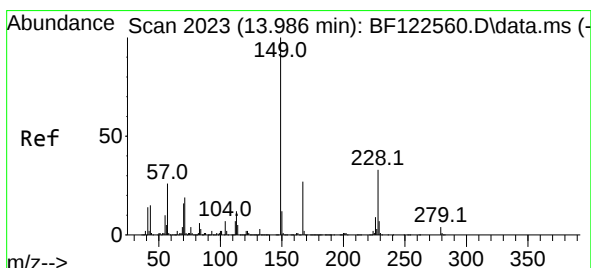
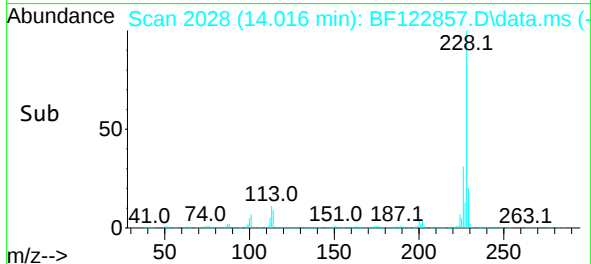
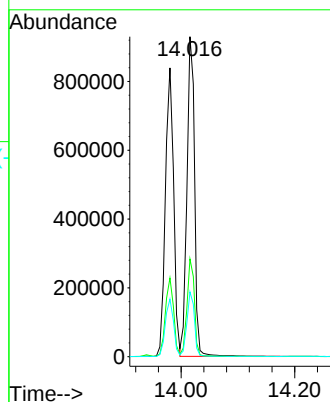
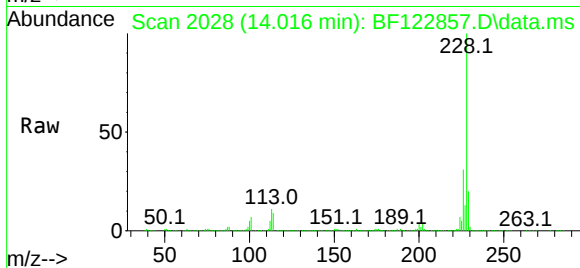
Tgt Ion:228 Resp: 862858

Ion Ratio Lower Upper

228 100

226 30.6 24.6 36.8

229 20.3 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.25 ng

RT: 13.963 min Scan# 2019

Delta R.T. -0.000 min

Lab File: BF122857.D

Acq: 24 Dec 2020 16:11

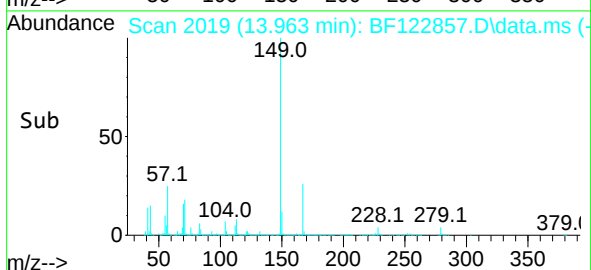
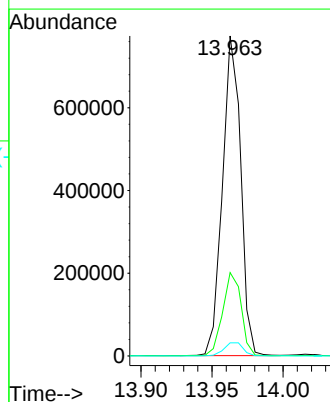
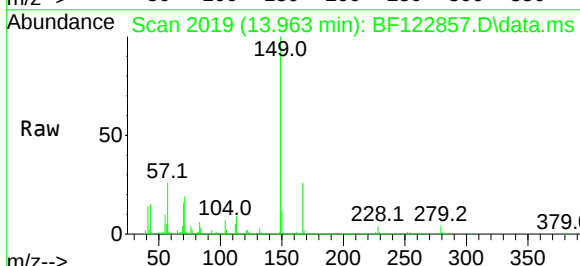
Tgt Ion:149 Resp: 689847

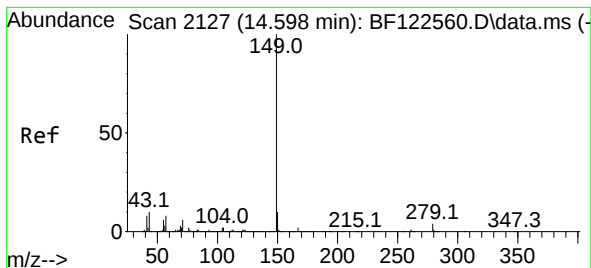
Ion Ratio Lower Upper

149 100

167 26.0 21.4 32.2

279 4.1 3.4 5.0

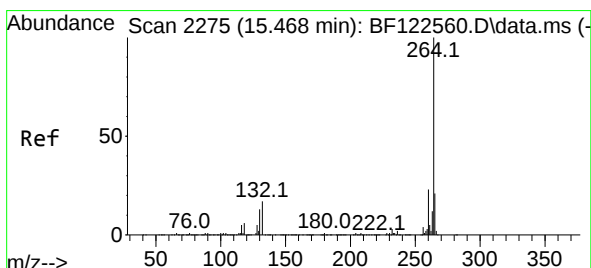
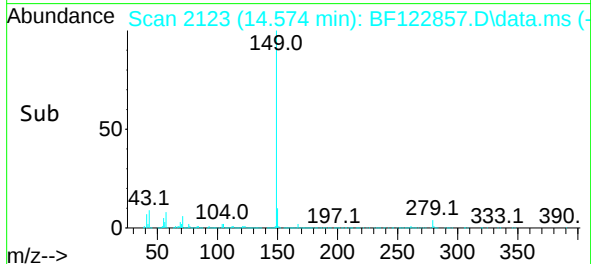
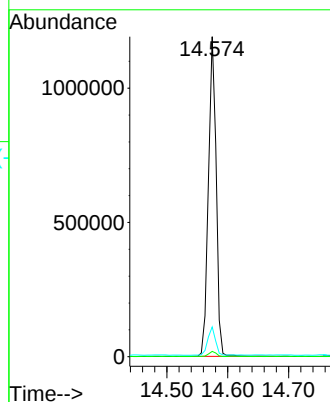
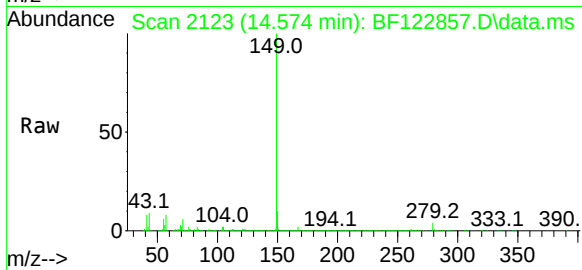




#85  
Di-n-octyl phthalate  
Concen: 42.63 ng  
RT: 14.574 min Scan# 2123  
Delta R.T. -0.000 min  
Lab File: BF122857.D  
Acq: 24 Dec 2020 16:11

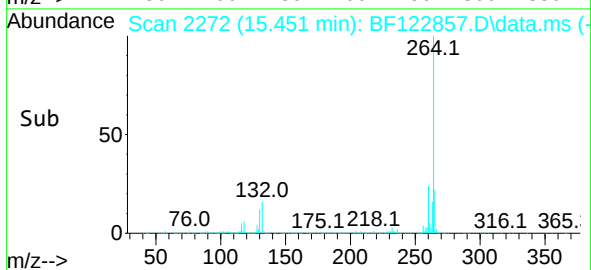
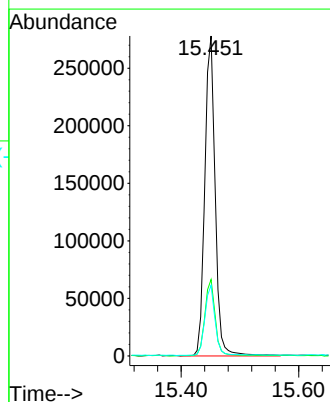
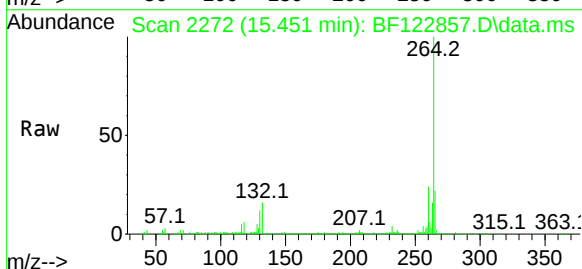
Instrument :  
BNA\_F  
ClientSampleId :  
BIN-4-122320MSD

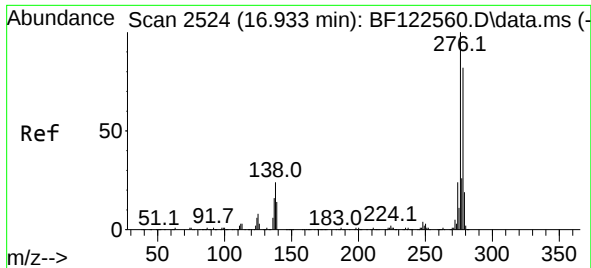
Tgt Ion:149 Resp: 1054622  
Ion Ratio Lower Upper  
149 100  
167 1.6 1.3 1.9  
43 8.7 7.6 11.4



#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 15.451 min Scan# 2272  
Delta R.T. 0.012 min  
Lab File: BF122857.D  
Acq: 24 Dec 2020 16:11

Tgt Ion:264 Resp: 341221  
Ion Ratio Lower Upper  
264 100  
260 23.9 18.6 28.0  
265 22.1 17.0 25.6

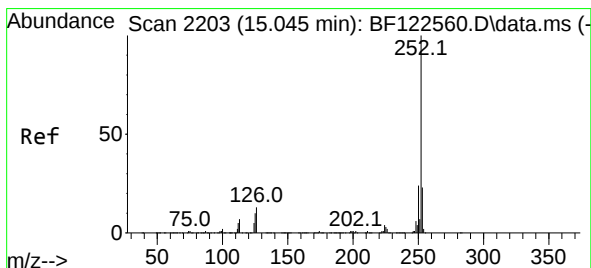
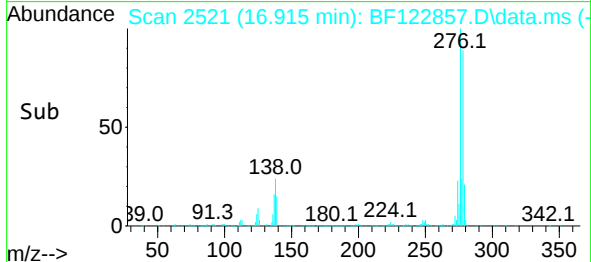
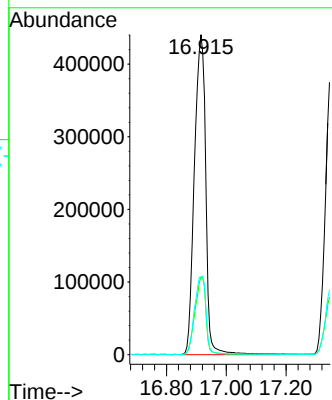
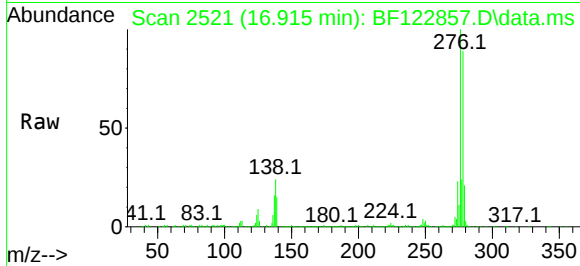




#87  
Indeno(1,2,3-cd)pyrene  
Concen: 51.82 ng  
RT: 16.915 min Scan# 2521  
Delta R.T. 0.023 min  
Lab File: BF122857.D  
Acq: 24 Dec 2020 16:11

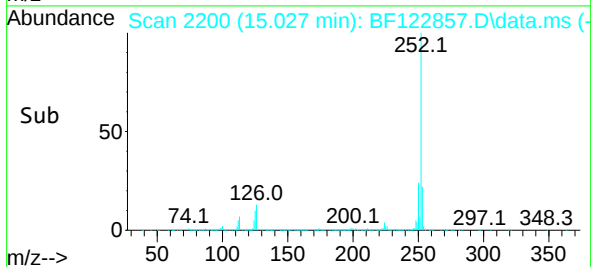
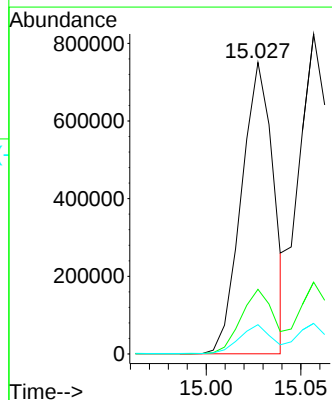
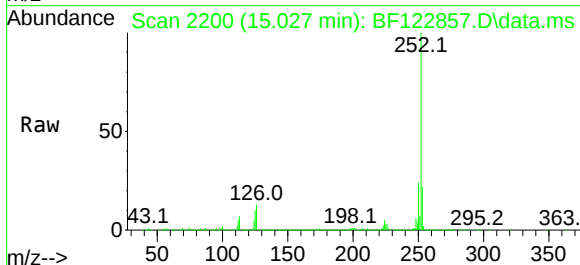
Instrument :  
BNA\_F  
ClientSampleId :  
BIN-4-122320MSD

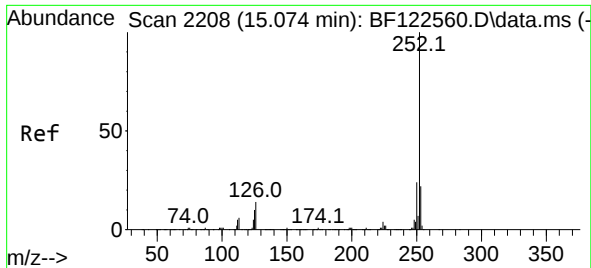
Tgt Ion:276 Resp: 1160611  
Ion Ratio Lower Upper  
276 100  
138 23.1 18.7 28.1  
277 24.9 20.2 30.4



#88  
Benzo(b)fluoranthene  
Concen: 36.96 ng  
RT: 15.027 min Scan# 2200  
Delta R.T. 0.006 min  
Lab File: BF122857.D  
Acq: 24 Dec 2020 16:11

Tgt Ion:252 Resp: 884872  
Ion Ratio Lower Upper  
252 100  
253 22.2 18.3 27.5  
125 10.0 8.1 12.1

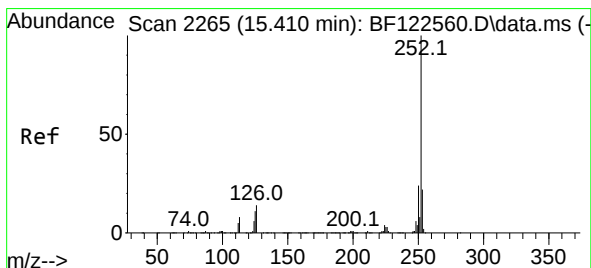
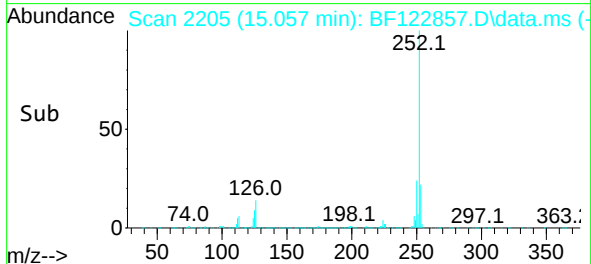
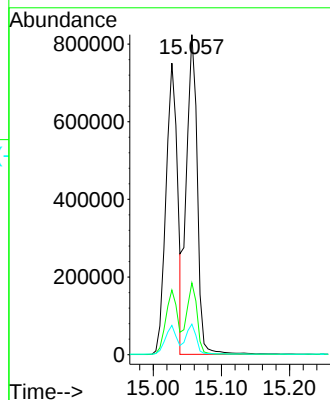
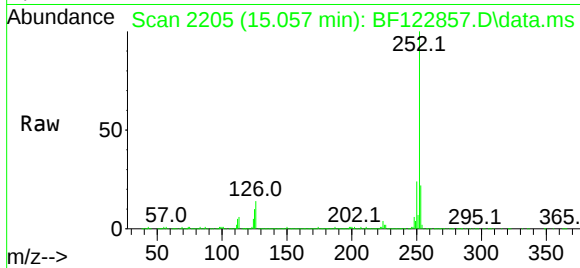




#89  
Benzo(k)fluoranthene  
Concen: 41.30 ng  
RT: 15.057 min Scan# 2205  
Delta R.T. 0.006 min  
Lab File: BF122857.D  
Acq: 24 Dec 2020 16:11

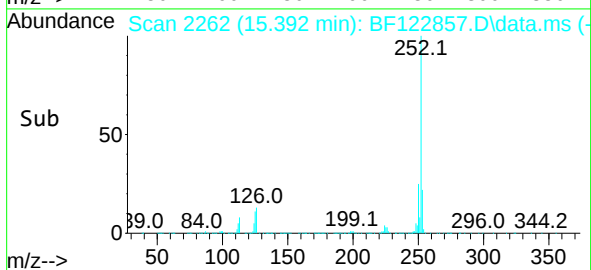
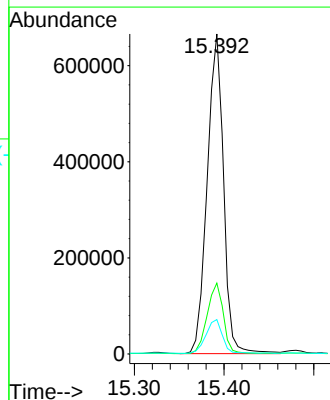
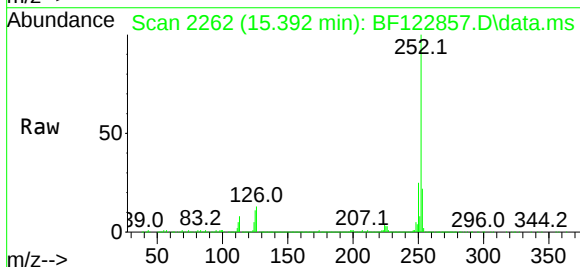
Instrument :  
BNA\_F  
ClientSampleId :  
BIN-4-122320MSD

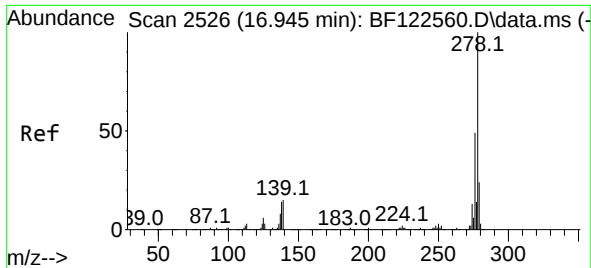
Tgt Ion:252 Resp: 904016  
Ion Ratio Lower Upper  
252 100  
253 22.5 17.8 26.8  
125 9.6 8.4 12.6



#90  
Benzo(a)pyrene  
Concen: 40.13 ng  
RT: 15.392 min Scan# 2262  
Delta R.T. 0.012 min  
Lab File: BF122857.D  
Acq: 24 Dec 2020 16:11

Tgt Ion:252 Resp: 840563  
Ion Ratio Lower Upper  
252 100  
253 22.2 17.5 26.3  
125 10.8 8.6 12.8

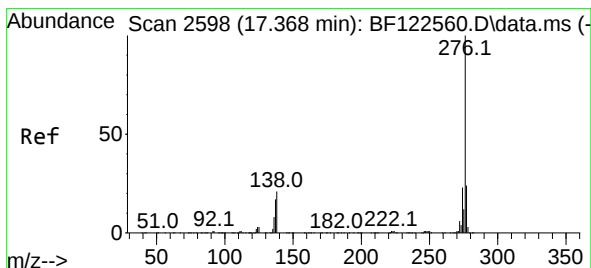
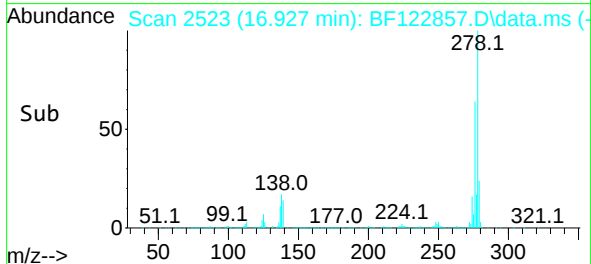
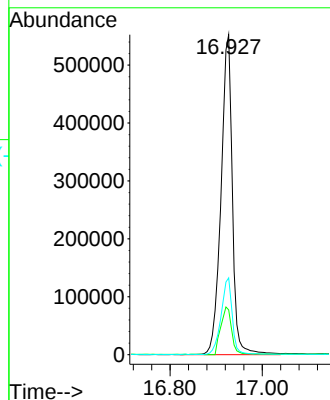
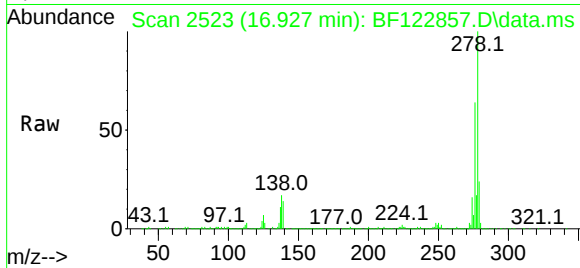




#91  
Dibenzo(a,h)anthracene  
Concen: 51.48 ng  
RT: 16.927 min Scan# 2523  
Delta R.T. 0.023 min  
Lab File: BF122857.D  
Acq: 24 Dec 2020 16:11

Instrument :  
BNA\_F  
ClientSampleId :  
BIN-4-122320MSD

Tgt Ion:278 Resp: 943664  
Ion Ratio Lower Upper  
278 100  
139 14.0 12.0 18.0  
279 24.0 19.4 29.2



#92  
Benzo(g,h,i)perylene  
Concen: 54.54 ng  
RT: 17.351 min Scan# 2595  
Delta R.T. 0.023 min  
Lab File: BF122857.D  
Acq: 24 Dec 2020 16:11

Tgt Ion:276 Resp: 967662  
Ion Ratio Lower Upper  
276 100  
277 24.1 19.3 28.9  
138 20.4 16.6 24.8

