

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF110220\  
 Data File : BF122220.D  
 Acq On : 2 Nov 2020 11:53  
 Operator : JU/CG  
 Sample : PB132734BS  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB132734BS

Quant Time: Nov 02 14:09:01 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF101220.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Oct 30 10:16:54 2020  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.710  | 152  | 93945    | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8            | 7.992  | 136  | 355706   | 20.00  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.745  | 164  | 182499   | 20.00  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.233 | 188  | 347149   | 20.00  | ng    | 0.00     |
| 76) Chrysene-d12              | 13.886 | 240  | 276307   | 20.00  | ng    | 0.00     |
| 86) Perylene-d12              | 15.321 | 264  | 243493   | 20.00  | ng    | 0.02     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.345  | 112  | 643311   | 101.07 | ng    | 0.01     |
| 7) Phenol-d6                  | 6.375  | 99   | 775674   | 94.67  | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.280  | 82   | 464220   | 66.93  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.545 | 330  | 226806   | 100.47 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.069  | 172  | 812957   | 65.54  | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.821 | 244  | 934068   | 64.43  | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.481  | 88   | 110472   | 39.46  | ng    | 99       |
| 3) Pyridine                   | 3.198  | 79   | 282808   | 38.42  | ng    | 96       |
| 4) n-Nitrosodimethylamine     | 3.163  | 42   | 145455   | 40.88  | ng    | 95       |
| 6) Aniline                    | 6.381  | 93   | 260242   | 25.79  | ng    | # 24     |
| 8) 2-Chlorophenol             | 6.504  | 128  | 262843   | 40.86  | ng    | 97       |
| 9) Benzaldehyde               | 6.269  | 77   | 110150   | 20.59  | ng    | 99       |
| 10) Phenol                    | 6.386  | 94   | 329252   | 38.94  | ng    | 97       |
| 11) bis(2-Chloroethyl)ether   | 6.451  | 93   | 259564   | 39.71  | ng    | 98       |
| 12) 1,3-Dichlorobenzene       | 6.645  | 146  | 294503   | 40.70  | ng    | 99       |
| 13) 1,4-Dichlorobenzene       | 6.728  | 146  | 300133   | 41.31  | ng    | 98       |
| 14) 1,2-Dichlorobenzene       | 6.880  | 146  | 269162   | 40.53  | ng    | 99       |
| 15) Benzyl Alcohol            | 6.869  | 79   | 228236   | 43.07  | ng    | 95       |
| 16) 2,2'-oxybis(1-Chloropr... | 6.980  | 45   | 404567   | 40.22  | ng    | 80       |
| 17) 2-Methylphenol            | 6.992  | 107  | 213544   | 38.82  | ng    | # 88     |
| 18) Hexachloroethane          | 7.210  | 117  | 110784   | 42.21  | ng    | 99       |
| 19) n-Nitroso-di-n-propyla... | 7.133  | 70   | 199807   | 42.83  | ng    | 99       |
| 20) 3+4-Methylphenols         | 7.145  | 107  | 285010   | 42.97  | ng    | # 62     |
| 22) Acetophenone              | 7.128  | 105  | 375237   | 41.00  | ng    | # 90     |
| 24) Nitrobenzene              | 7.304  | 77   | 301313   | 40.64  | ng    | 98       |
| 25) Isophorone                | 7.539  | 82   | 522222   | 39.82  | ng    | 99       |
| 26) 2-Nitrophenol             | 7.622  | 139  | 138440   | 40.55  | ng    | 96       |
| 27) 2,4-Dimethylphenol        | 7.663  | 122  | 225287   | 38.71  | ng    | 96       |
| 28) bis(2-Chloroethoxy)met... | 7.751  | 93   | 324755   | 39.58  | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 7.875  | 162  | 219694   | 40.31  | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 7.939  | 180  | 230421   | 39.76  | ng    | 100      |
| 31) Naphthalene               | 8.016  | 128  | 768525   | 40.33  | ng    | 100      |
| 32) Benzoic acid              | 7.839  | 122  | 106790   | 34.65  | ng    | 96       |
| 33) 4-Chloroaniline           | 8.080  | 127  | 180861   | 22.28  | ng    | 98       |
| 34) Hexachlorobutadiene       | 8.127  | 225  | 141134   | 41.07  | ng    | 99       |
| 35) Caprolactam               | 8.463  | 113  | 43481    | 25.12  | ng    | 100      |
| 36) 4-Chloro-3-methylphenol   | 8.580  | 107  | 238633   | 40.77  | ng    | 99       |
| 37) 2-Methylnaphthalene       | 8.704  | 142  | 492477   | 39.90  | ng    | 98       |
| 38) 1-Methylnaphthalene       | 8.804  | 142  | 454237   | 39.75  | ng    | 98       |
| 40) 1,2,4,5-Tetrachloroben... | 8.874  | 216  | 236197   | 40.10  | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 8.851  | 237  | 76632    | 52.90  | ng    | 98       |
| 43) 2,4,6-Trichlorophenol     | 8.998  | 196  | 141932   | 39.05  | ng    | 99       |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF110220\  
 Data File : BF122220.D  
 Acq On : 2 Nov 2020 11:53  
 Operator : JU/CG  
 Sample : PB132734BS  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

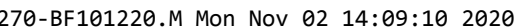
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB132734BS

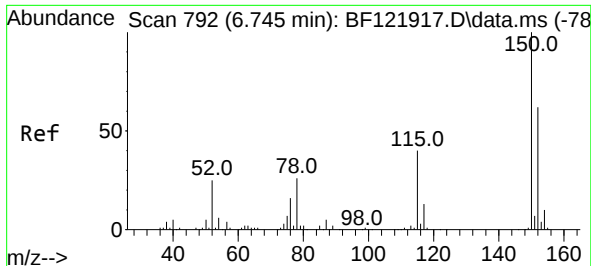
Quant Time: Nov 02 14:09:01 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF101220.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Oct 30 10:16:54 2020  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.057  | 196  | 139574   | 35.56  | ng    | 99       |
| 46) 1,1'-Biphenyl             | 9.169  | 154  | 591981   | 39.89  | ng    | 99       |
| 47) 2-Chloronaphthalene       | 9.198  | 162  | 461438   | 39.99  | ng    | 99       |
| 48) 2-Nitroaniline            | 9.310  | 65   | 160311   | 42.12  | ng    | 95       |
| 49) Acenaphthylene            | 9.610  | 152  | 696260   | 39.28  | ng    | 100      |
| 50) Dimethylphthalate         | 9.474  | 163  | 520401   | 39.00  | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 9.551  | 165  | 116160   | 39.68  | ng    | 96       |
| 52) Acenaphthene              | 9.780  | 154  | 421613   | 39.99  | ng    | 100      |
| 53) 3-Nitroaniline            | 9.727  | 138  | 82085    | 24.66  | ng    | 97       |
| 54) 2,4-Dinitrophenol         | 9.851  | 184  | 92348    | 63.79  | ng    | # 81     |
| 55) Dibenzofuran              | 9.957  | 168  | 616719   | 40.00  | ng    | 96       |
| 56) 4-Nitrophenol             | 9.957  | 139  | 377992   | 208.71 | ng    | # 18     |
| 57) 2,4-Dinitrotoluene        | 9.963  | 165  | 156996   | 43.57  | ng    | 93       |
| 58) Fluorene                  | 10.298 | 166  | 502585   | 40.46  | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol | 10.086 | 232  | 129769   | 42.74  | ng    | 94       |
| 60) Diethylphthalate          | 10.174 | 149  | 532607   | 41.39  | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 10.286 | 204  | 242329   | 40.68  | ng    | 95       |
| 62) 4-Nitroaniline            | 10.345 | 138  | 116730   | 35.09  | ng    | 90       |
| 63) Azobenzene                | 10.451 | 77   | 553126   | 40.65  | ng    | 97       |
| 65) 4,6-Dinitro-2-methylph... | 10.380 | 198  | 79037    | 35.27  | ng    | 91       |
| 66) n-Nitrosodiphenylamine    | 10.410 | 169  | 455748   | 38.11  | ng    | 98       |
| 67) 4-Bromophenyl-phenylether | 10.774 | 248  | 156274   | 38.96  | ng    | 94       |
| 68) Hexachlorobenzene         | 10.851 | 284  | 179392   | 39.52  | ng    | 93       |
| 69) Atrazine                  | 10.945 | 200  | 125990   | 43.09  | ng    | 98       |
| 70) Pentachlorophenol         | 11.057 | 266  | 112506   | 64.72  | ng    | 99       |
| 71) Phenanthrene              | 11.263 | 178  | 749111   | 39.36  | ng    | 99       |
| 72) Anthracene                | 11.316 | 178  | 766798   | 38.84  | ng    | 100      |
| 73) Carbazole                 | 11.474 | 167  | 690063   | 39.31  | ng    | 99       |
| 74) Di-n-butylphthalate       | 11.792 | 149  | 833470   | 41.27  | ng    | 99       |
| 75) Fluoranthene              | 12.451 | 202  | 827049   | 40.52  | ng    | 98       |
| 77) Benzidine                 | 12.580 | 184  | 313457   | 36.80  | ng    | 99       |
| 78) Pyrene                    | 12.680 | 202  | 824827   | 39.17  | ng    | 99       |
| 80) Butylbenzylphthalate      | 13.292 | 149  | 352147   | 42.17  | ng    | 99       |
| 81) Benzo(a)anthracene        | 13.874 | 228  | 721238   | 39.83  | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine    | 13.833 | 252  | 165523   | 24.64  | ng    | 99       |
| 83) Chrysene                  | 13.915 | 228  | 710497   | 39.97  | ng    | 100      |
| 84) Bis(2-ethylhexyl)phtha... | 13.845 | 149  | 500513   | 44.15  | ng    | 99       |
| 85) Di-n-octyl phthalate      | 14.456 | 149  | 819323   | 44.68  | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 16.745 | 276  | 598764   | 37.87  | ng    | 98       |
| 88) Benzo(b)fluoranthene      | 14.915 | 252  | 689966   | 41.92  | ng    | 98       |
| 89) Benzo(k)fluoranthene      | 14.939 | 252  | 595783   | 38.11  | ng    | 100      |
| 90) Benzo(a)pyrene            | 15.262 | 252  | 566464   | 39.85  | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 16.739 | 278  | 499669   | 38.38  | ng    | 97       |
| 92) Benzo(g,h,i)perylene      | 17.162 | 276  | 498963   | 38.30  | ng    | 98       |

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

Quant Time: Nov 02 14:09:01 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF101220.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Oct 30 10:16:54 2020  
Response via : Initial Calibration

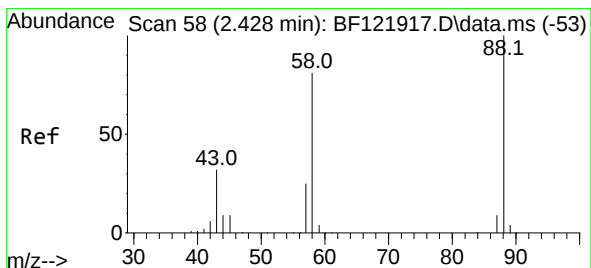
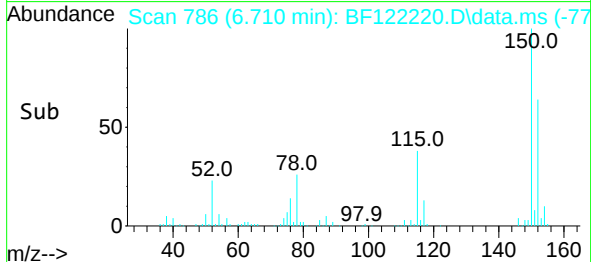
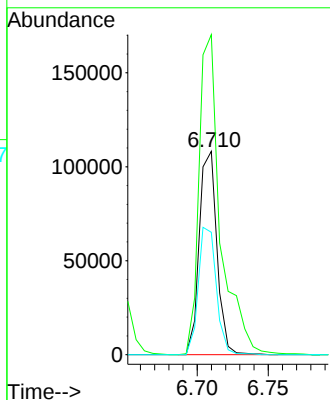
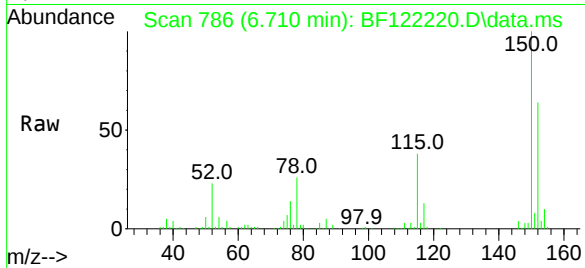




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.00 ng  
 RT: 6.710 min Scan# 786  
 Delta R.T. -0.006 min  
 Lab File: BF122220.D  
 Acq: 2 Nov 2020 11:53

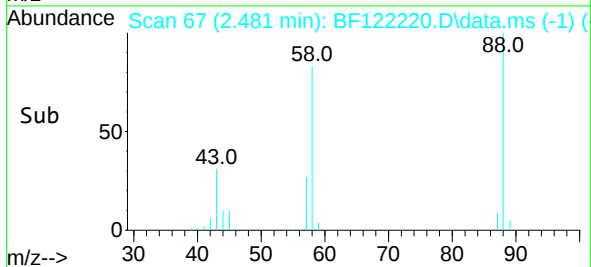
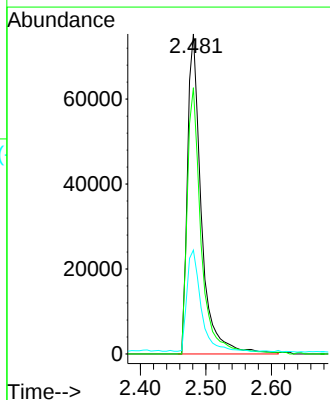
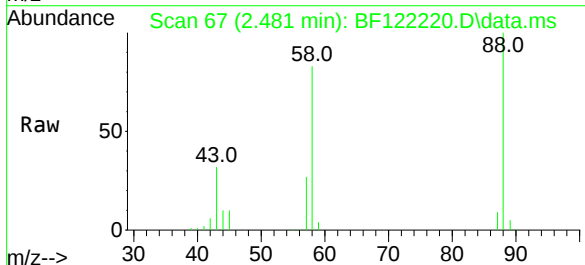
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB132734BS

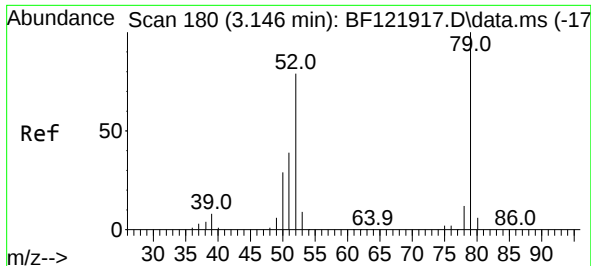
Tgt Ion:152 Resp: 93945  
 Ion Ratio Lower Upper  
 152 100  
 150 157.4 125.3 187.9  
 115 60.2 51.9 77.9



#2  
 1,4-Dioxane  
 Concen: 39.46 ng  
 RT: 2.481 min Scan# 67  
 Delta R.T. 0.117 min  
 Lab File: BF122220.D  
 Acq: 2 Nov 2020 11:53

Tgt Ion: 88 Resp: 110472  
 Ion Ratio Lower Upper  
 88 100  
 58 83.4 65.8 98.8  
 43 32.0 25.8 38.8

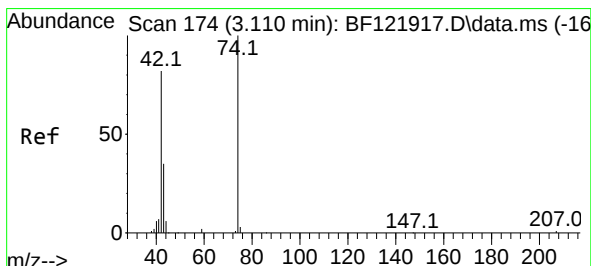
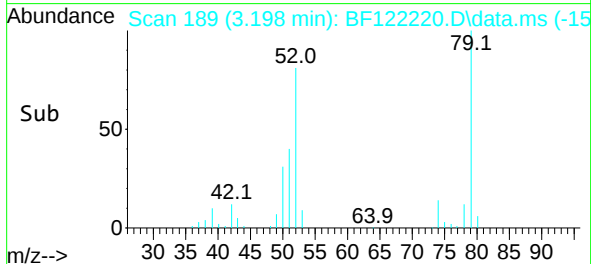
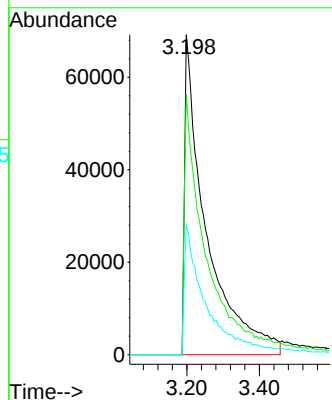
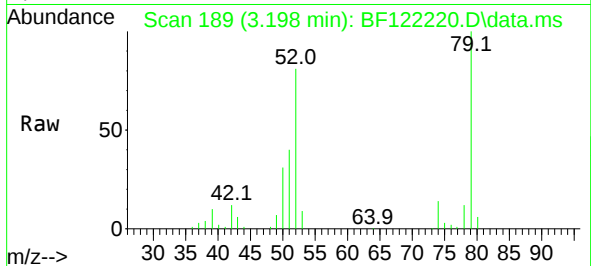




#3  
Pyridine  
Concen: 38.42 ng  
RT: 3.198 min Scan# 189  
Delta R.T. 0.117 min  
Lab File: BF122220.D  
Acq: 2 Nov 2020 11:53

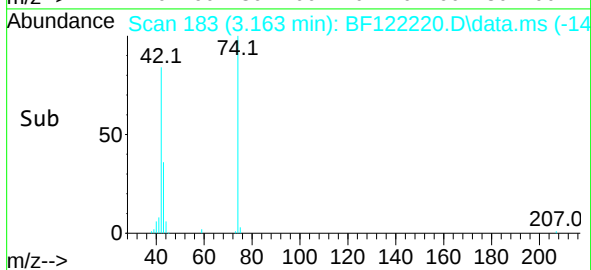
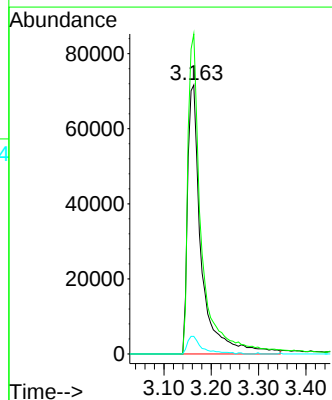
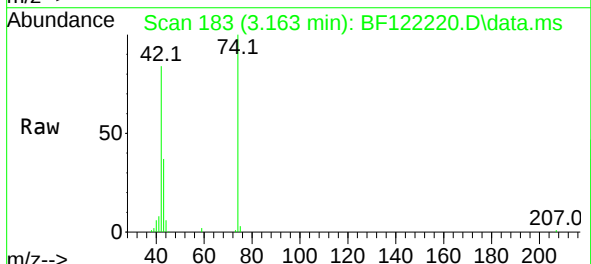
Instrument :  
BNA\_F  
ClientSampleId :  
PB132734BS

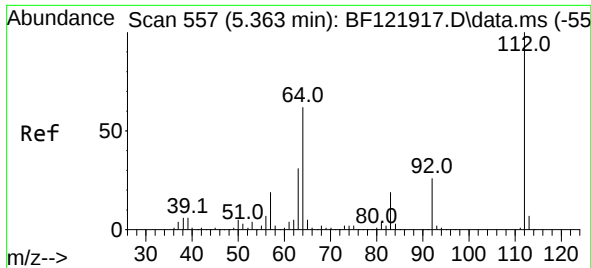
Tgt Ion: 79 Resp: 282808  
Ion Ratio Lower Upper  
79 100  
52 81.3 62.2 93.4  
51 40.5 31.1 46.7



#4  
n-Nitrosodimethylamine  
Concen: 40.88 ng  
RT: 3.163 min Scan# 183  
Delta R.T. 0.117 min  
Lab File: BF122220.D  
Acq: 2 Nov 2020 11:53

Tgt Ion: 42 Resp: 145455  
Ion Ratio Lower Upper  
42 100  
74 119.0 100.2 150.2  
44 6.6 5.8 8.6

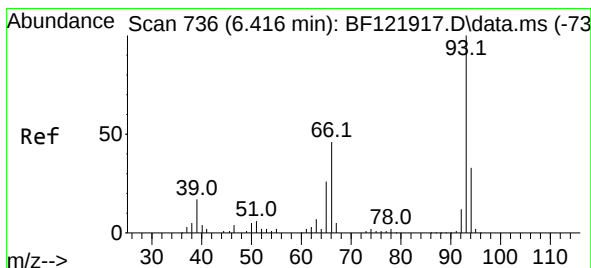
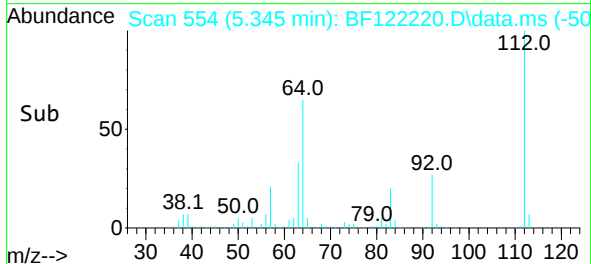
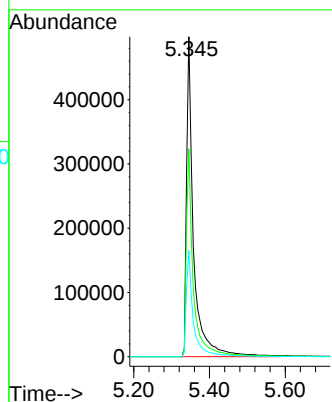
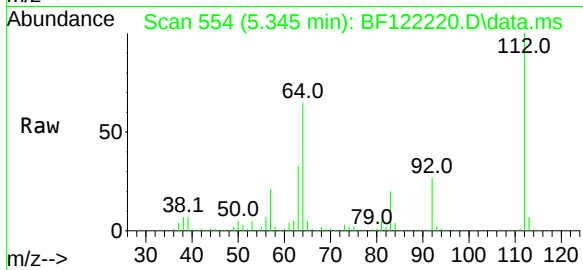




#5  
2-Fluorophenol  
Concen: 101.07 ng  
RT: 5.345 min Scan# 554  
Delta R.T. 0.012 min  
Lab File: BF122220.D  
Acq: 2 Nov 2020 11:53

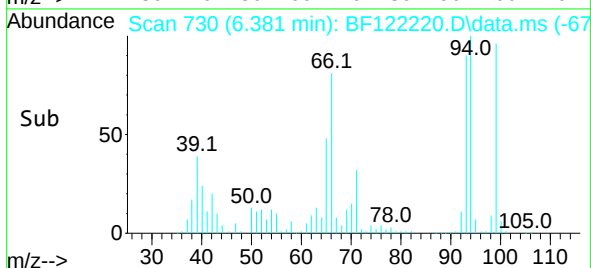
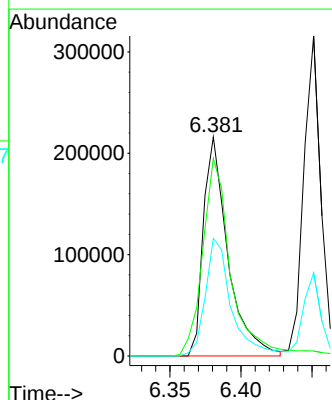
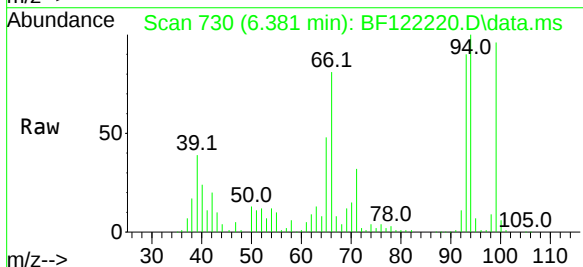
Instrument :  
BNA\_F  
ClientSampleId :  
PB132734BS

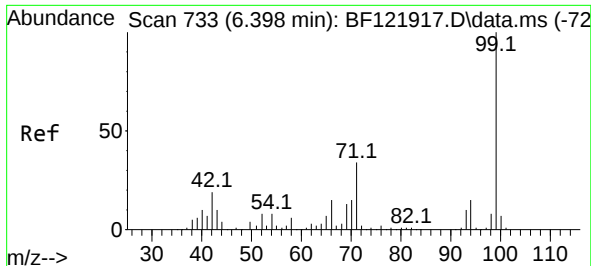
Tgt Ion:112 Resp: 643311  
Ion Ratio Lower Upper  
112 100  
64 65.0 50.4 75.6  
63 33.1 25.8 38.6



#6  
Aniline  
Concen: 25.79 ng  
RT: 6.381 min Scan# 730  
Delta R.T. -0.000 min  
Lab File: BF122220.D  
Acq: 2 Nov 2020 11:53

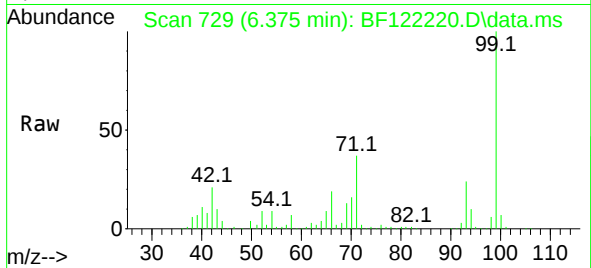
Tgt Ion: 93 Resp: 260242  
Ion Ratio Lower Upper  
93 100  
66 90.2 32.7 49.1#  
65 53.7 16.6 24.8#



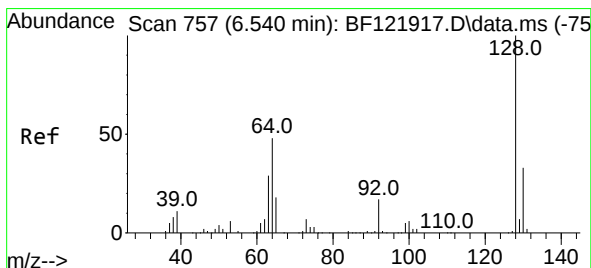
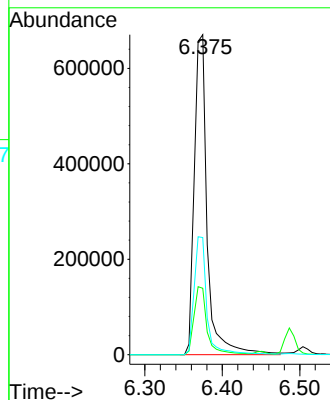
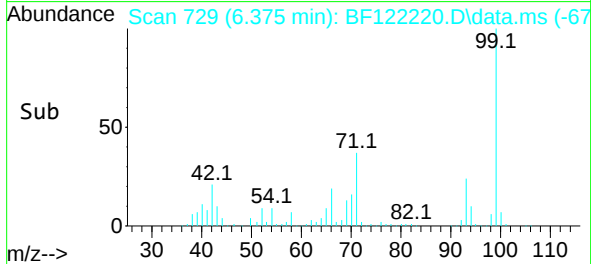


#7  
Phenol-d6  
Concen: 94.67 ng  
RT: 6.375 min Scan# 729  
Delta R.T. 0.006 min  
Lab File: BF122220.D  
Acq: 2 Nov 2020 11:53

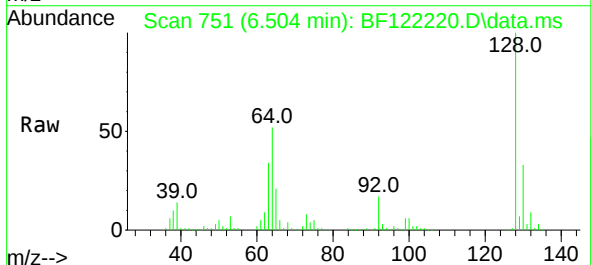
Instrument :  
BNA\_F  
ClientSampleId :  
PB132734BS



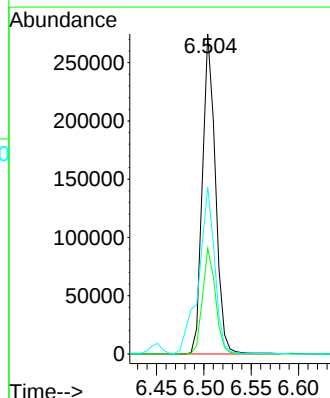
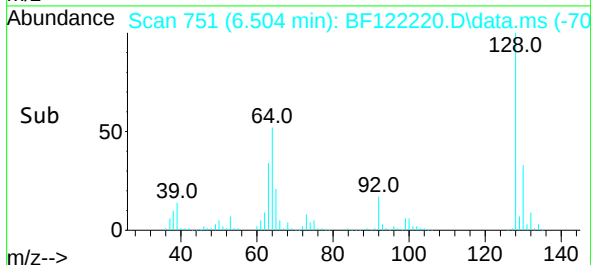
Tgt Ion: 99 Resp: 775674  
Ion Ratio Lower Upper  
99 100  
42 20.7 15.9 23.9  
71 36.6 27.1 40.7

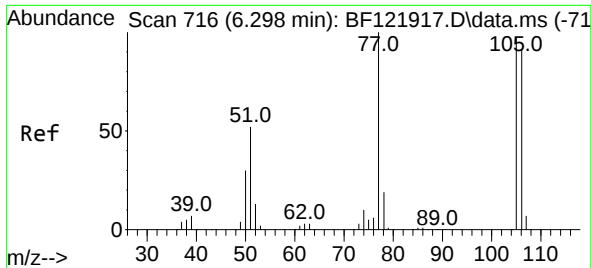


#8  
2-Chlorophenol  
Concen: 40.86 ng  
RT: 6.504 min Scan# 751  
Delta R.T. 0.000 min  
Lab File: BF122220.D  
Acq: 2 Nov 2020 11:53



Tgt Ion: 128 Resp: 262843  
Ion Ratio Lower Upper  
128 100  
130 32.9 12.4 52.4  
64 52.2 34.8 74.8

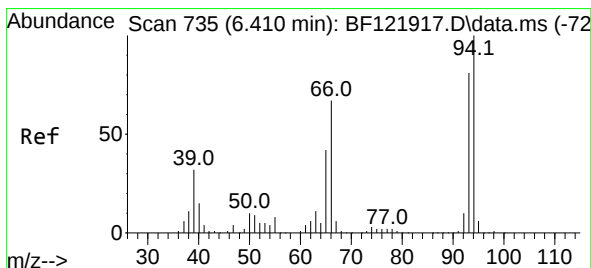
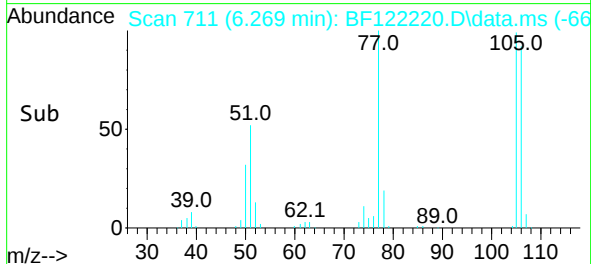
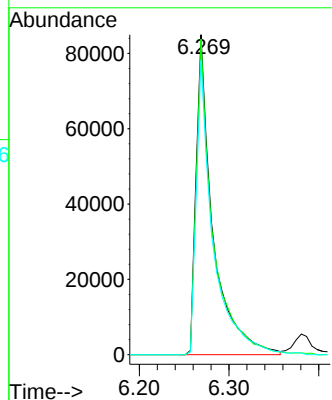
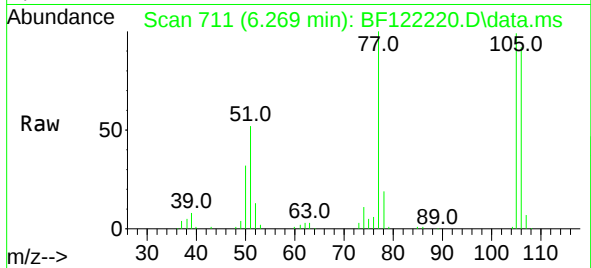




#9  
Benzaldehyde  
Concen: 20.59 ng  
RT: 6.269 min Scan# 711  
Delta R.T. -0.000 min  
Lab File: BF122220.D  
Acq: 2 Nov 2020 11:53

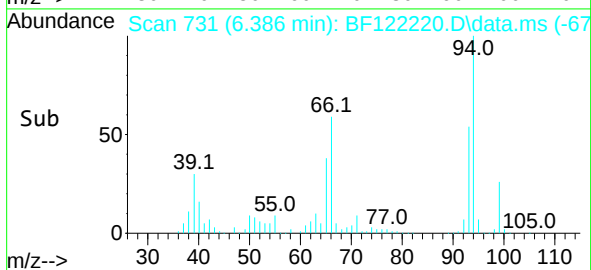
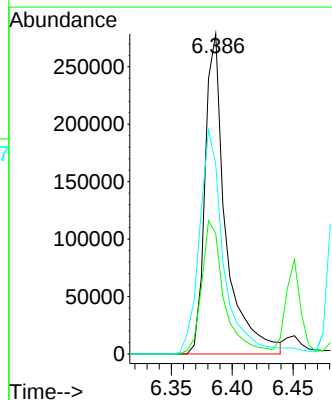
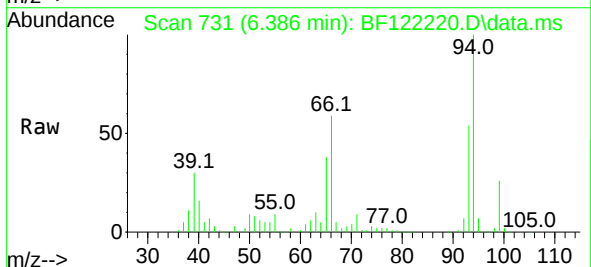
Instrument :  
BNA\_F  
ClientSampleId :  
PB132734BS

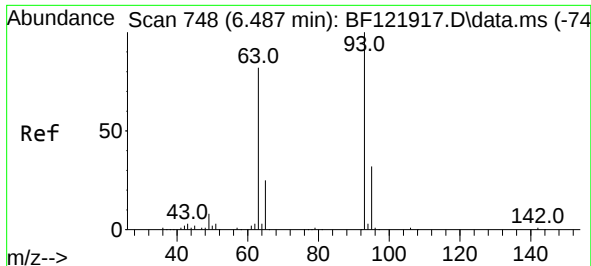
Tgt Ion: 77 Resp: 110150  
Ion Ratio Lower Upper  
77 100  
105 98.6 76.7 116.7  
106 91.9 71.3 111.3



#10  
Phenol  
Concen: 38.94 ng  
RT: 6.386 min Scan# 731  
Delta R.T. 0.005 min  
Lab File: BF122220.D  
Acq: 2 Nov 2020 11:53

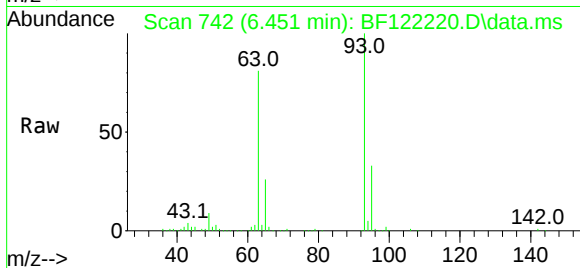
Tgt Ion: 94 Resp: 329252  
Ion Ratio Lower Upper  
94 100  
65 37.6 17.1 57.1  
66 59.2 36.0 76.0





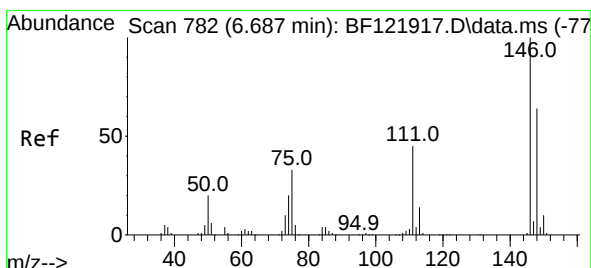
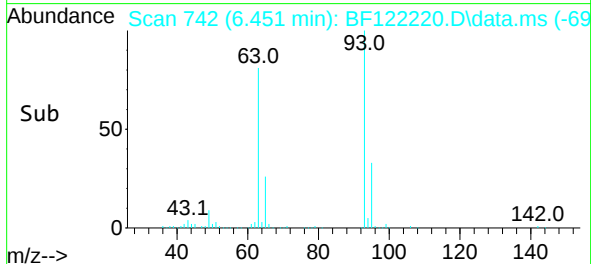
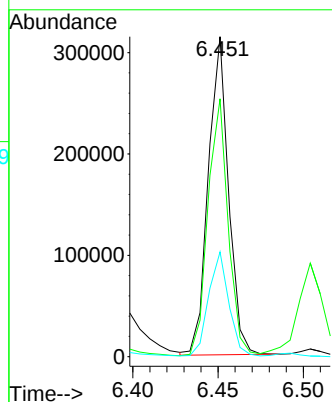
#11  
bis(2-Chloroethyl)ether  
Concen: 39.71 ng  
RT: 6.451 min Scan# 742  
Delta R.T. -0.006 min  
Lab File: BF122220.D  
Acq: 2 Nov 2020 11:53

Instrument :  
BNA\_F  
ClientSampleId :  
PB132734BS



Tgt Ion: 93 Resp: 259564

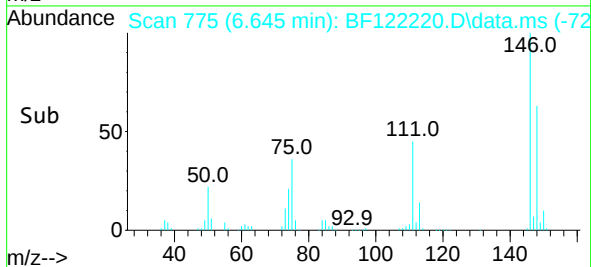
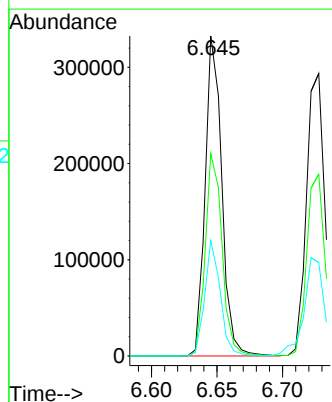
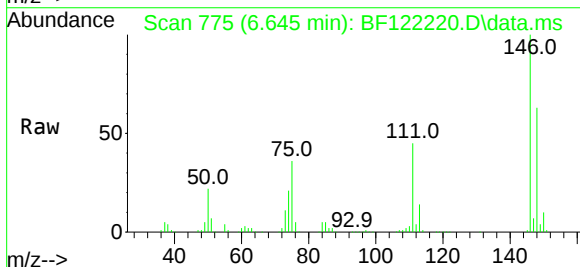
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 93  | 100   |       |       |
| 63  | 80.6  | 62.4  | 102.4 |
| 95  | 32.8  | 12.6  | 52.6  |

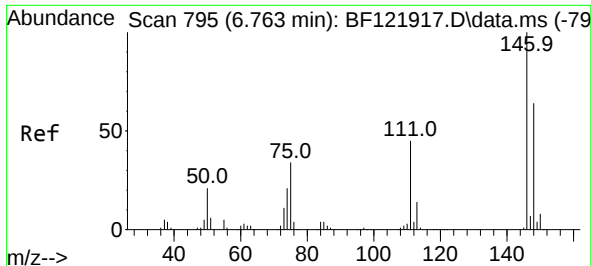


#12  
1,3-Dichlorobenzene  
Concen: 40.70 ng  
RT: 6.645 min Scan# 775  
Delta R.T. -0.012 min  
Lab File: BF122220.D  
Acq: 2 Nov 2020 11:53

Tgt Ion: 146 Resp: 294503

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 146 | 100   |       |       |
| 148 | 63.3  | 51.0  | 76.4  |
| 75  | 36.1  | 27.6  | 41.4  |





#13

1,4-Dichlorobenzene

Concen: 41.31 ng

RT: 6.728 min Scan# 789

Delta R.T. -0.006 min

Lab File: BF122220.D

Acq: 2 Nov 2020 11:53

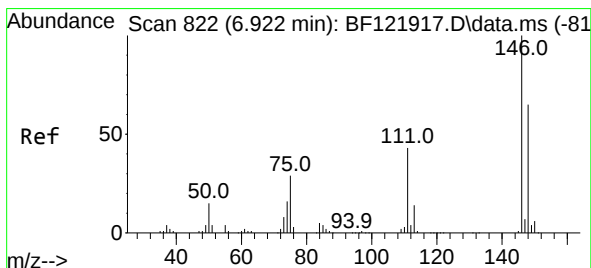
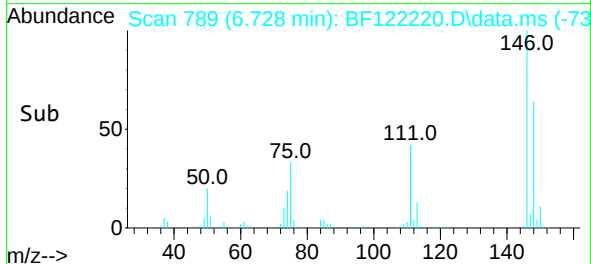
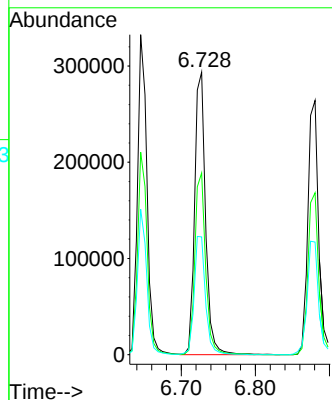
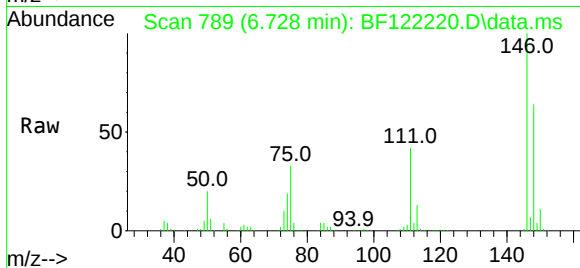
Tgt Ion:146 Resp: 300133

Ion Ratio Lower Upper

146 100

148 64.4 50.1 75.1

111 41.7 34.6 52.0



#14

1,2-Dichlorobenzene

Concen: 40.53 ng

RT: 6.880 min Scan# 815

Delta R.T. -0.006 min

Lab File: BF122220.D

Acq: 2 Nov 2020 11:53

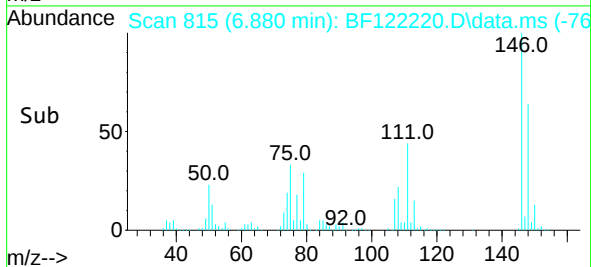
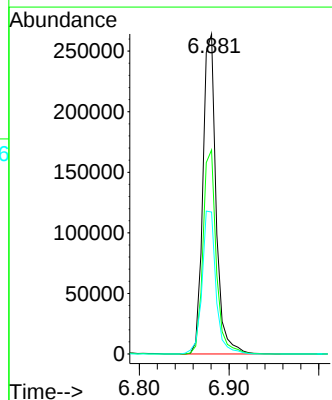
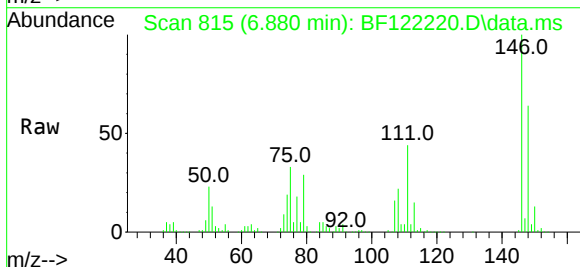
Tgt Ion:146 Resp: 269162

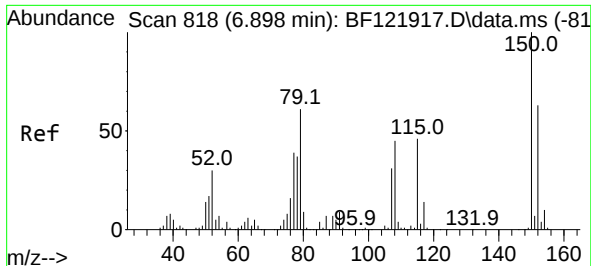
Ion Ratio Lower Upper

146 100

148 63.7 51.1 76.7

111 44.3 34.2 51.4

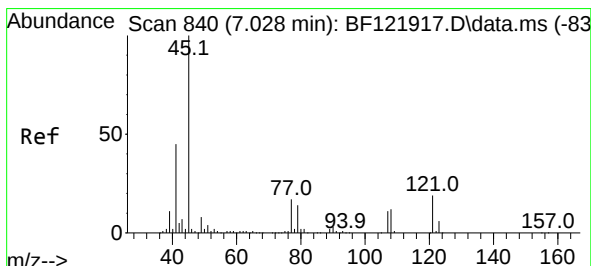
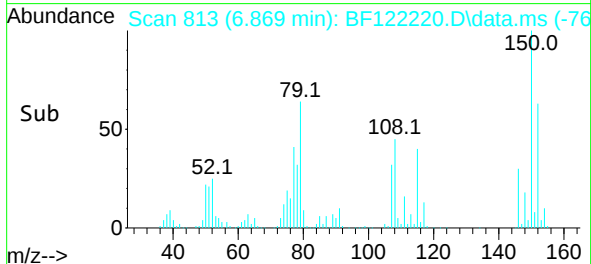
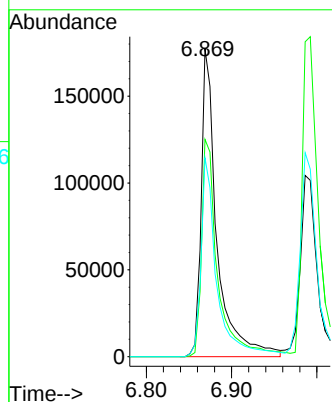
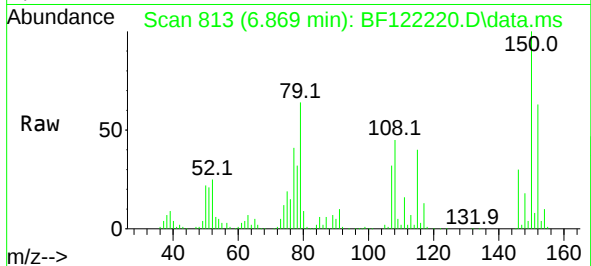




#15  
Benzyl Alcohol  
Concen: 43.07 ng  
RT: 6.869 min Scan# 813  
Delta R.T. -0.000 min  
Lab File: BF122220.D  
Acq: 2 Nov 2020 11:53

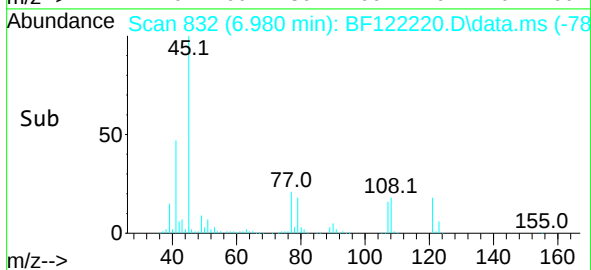
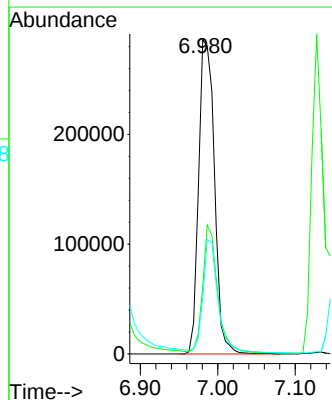
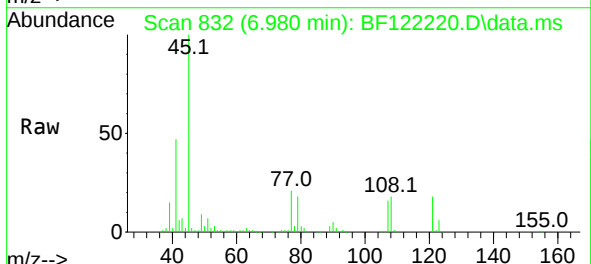
Instrument :  
BNA\_F  
ClientSampleId :  
PB132734BS

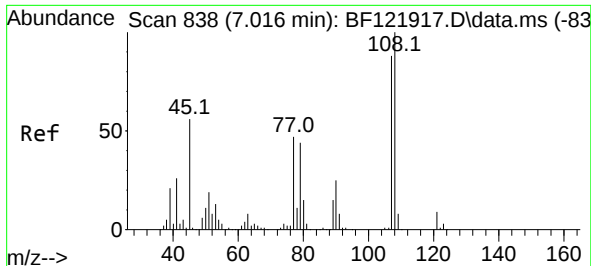
Tgt Ion: 79 Resp: 228236  
Ion Ratio Lower Upper  
79 100  
108 70.6 62.3 93.5  
77 64.6 50.6 75.8



#16  
2,2'-oxybis(1-chloropropane)  
Concen: 40.22 ng  
RT: 6.980 min Scan# 832  
Delta R.T. -0.012 min  
Lab File: BF122220.D  
Acq: 2 Nov 2020 11:53

Tgt Ion: 45 Resp: 404567  
Ion Ratio Lower Upper  
45 100  
77 21.4 0.0 33.3  
79 17.9 0.0 30.4

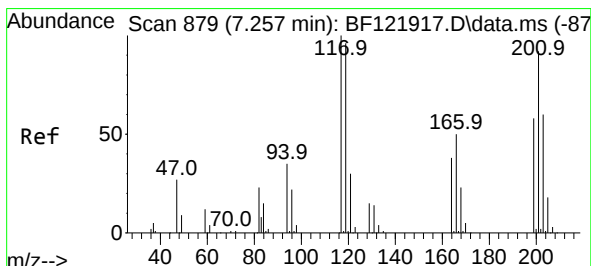
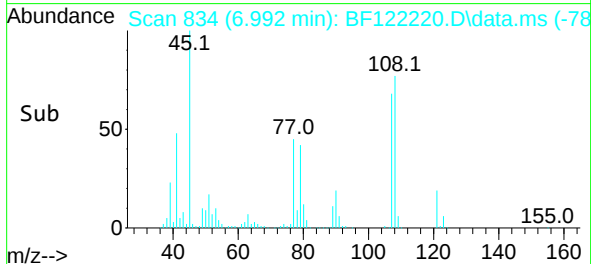
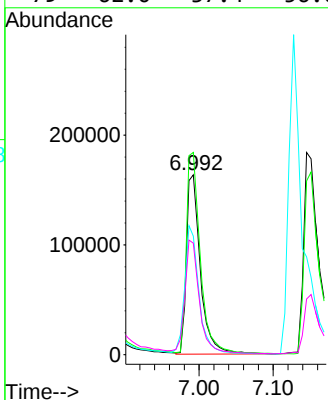
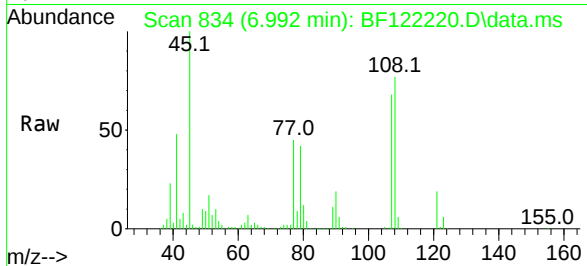




#17  
2-Methylphenol  
Concen: 38.82 ng  
RT: 6.992 min Scan# 834  
Delta R.T. 0.006 min  
Lab File: BF122220.D  
Acq: 2 Nov 2020 11:53

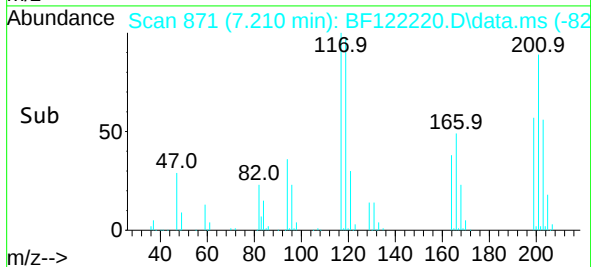
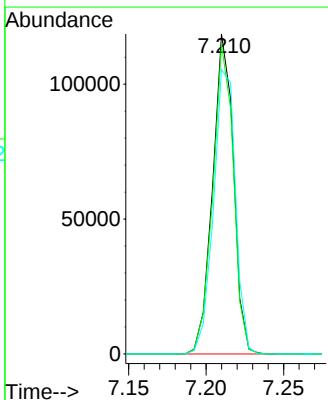
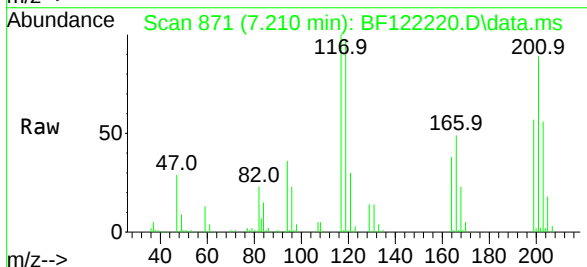
Instrument :  
BNA\_F  
ClientSampleId :  
PB132734BS

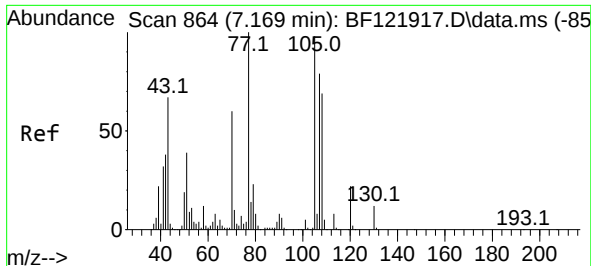
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 213544 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 112.5 | 90.9  | 136.3  |
| 77       | 65.9  | 37.5  | 56.3#  |
| 79       | 62.0  | 37.4  | 56.0#  |



#18  
Hexachloroethane  
Concen: 42.21 ng  
RT: 7.210 min Scan# 871  
Delta R.T. -0.012 min  
Lab File: BF122220.D  
Acq: 2 Nov 2020 11:53

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 110784 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 96.7  | 76.3  | 114.5  |
| 201      | 88.9  | 71.8  | 107.6  |

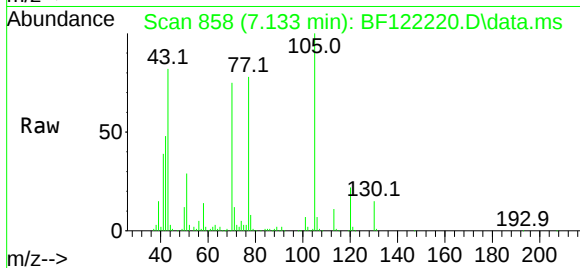




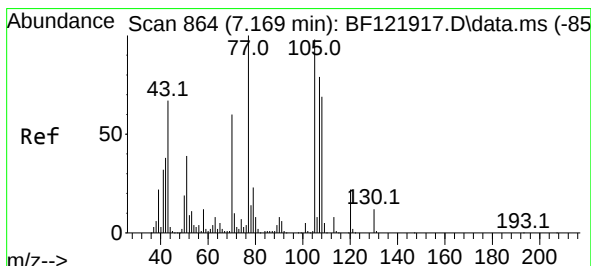
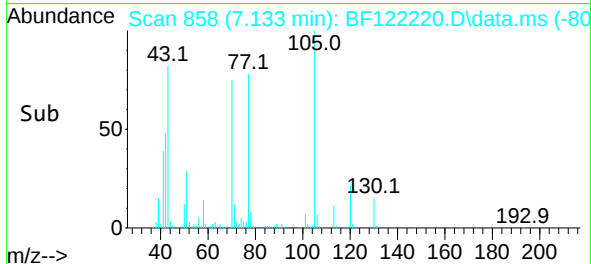
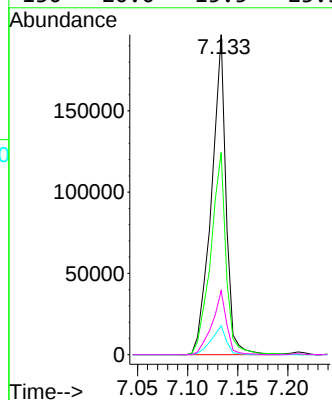
#19

n-Nitroso-di-n-propylamine  
 Concen: 42.83 ng  
 RT: 7.133 min Scan# 858  
 Delta R.T. -0.006 min  
 Lab File: BF122220.D  
 Acq: 2 Nov 2020 11:53

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB132734BS

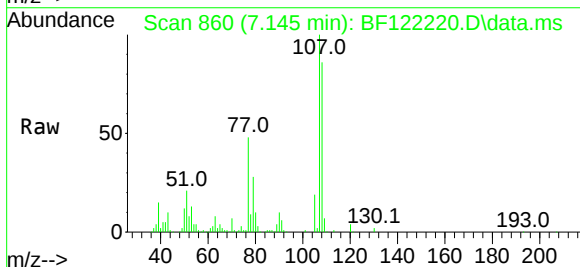


|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 70    | Resp: | 199807 |
| Ion      | Ratio | Lower | Upper  |
| 70       | 100   |       |        |
| 42       | 63.1  | 50.2  | 75.4   |
| 101      | 9.1   | 7.5   | 11.3   |
| 130      | 20.0  | 15.5  | 23.3   |

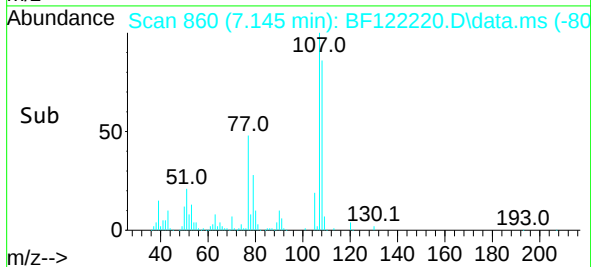
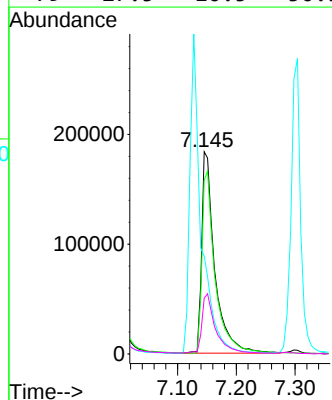


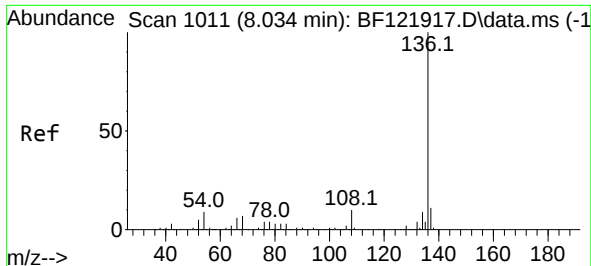
#20

3+4-Methylphenols  
 Concen: 42.97 ng  
 RT: 7.145 min Scan# 860  
 Delta R.T. -0.000 min  
 Lab File: BF122220.D  
 Acq: 2 Nov 2020 11:53



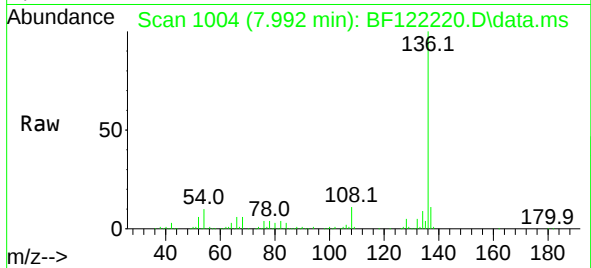
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 285010 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 85.9  | 68.9  | 108.9  |
| 77       | 48.3  | 108.0 | 148.0# |
| 79       | 27.5  | 10.5  | 50.5   |



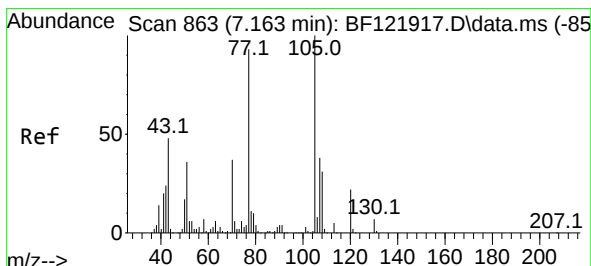
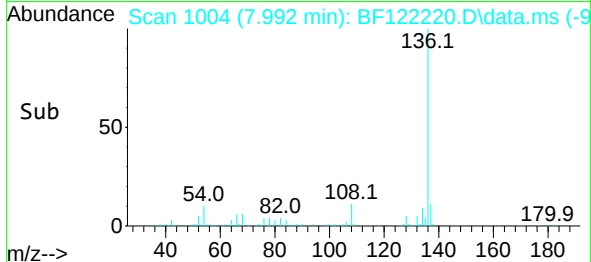
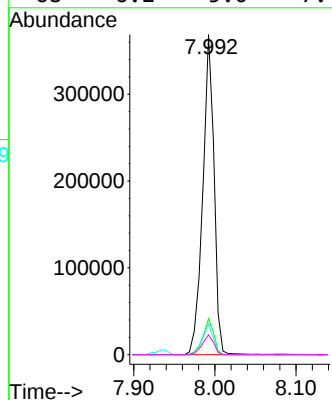


#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 7.992 min Scan# 1004  
Delta R.T. -0.006 min  
Lab File: BF122220.D  
Acq: 2 Nov 2020 11:53

Instrument :  
BNA\_F  
ClientSampleId :  
PB132734BS

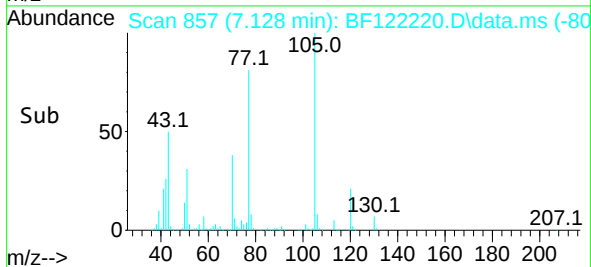
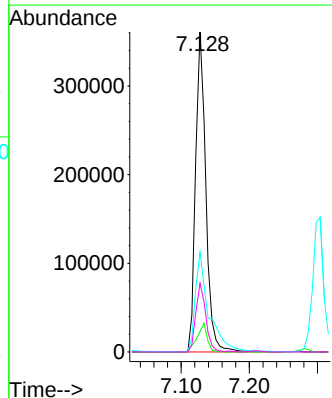
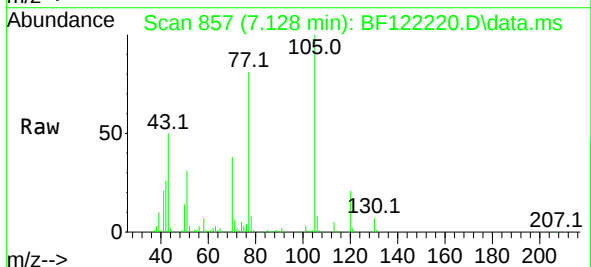


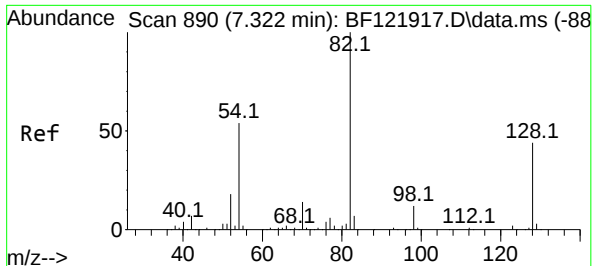
Tgt Ion:136 Resp: 355706  
Ion Ratio Lower Upper  
136 100  
137 11.2 8.6 13.0  
54 9.6 7.1 10.7  
68 6.2 5.0 7.4



#22  
Acetophenone  
Concen: 41.00 ng  
RT: 7.128 min Scan# 857  
Delta R.T. -0.006 min  
Lab File: BF122220.D  
Acq: 2 Nov 2020 11:53

Tgt Ion:105 Resp: 375237  
Ion Ratio Lower Upper  
105 100  
71 6.4 5.3 7.9  
51 31.2 33.2 49.8#  
120 21.5 17.4 26.0





#23

Nitrobenzene-d5

Concen: 66.93 ng

RT: 7.280 min Scan# 883

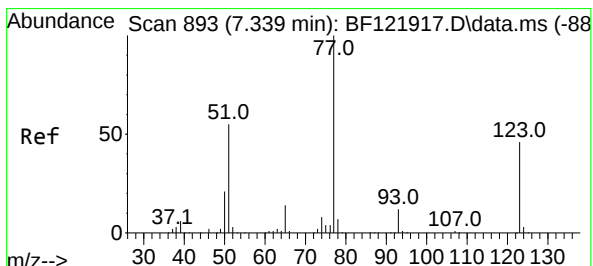
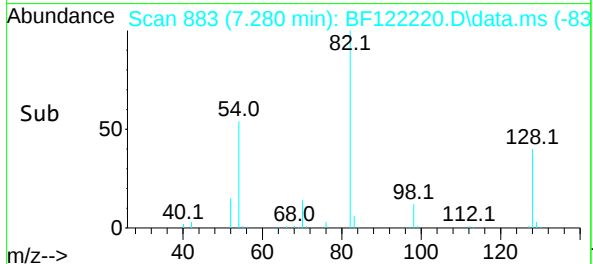
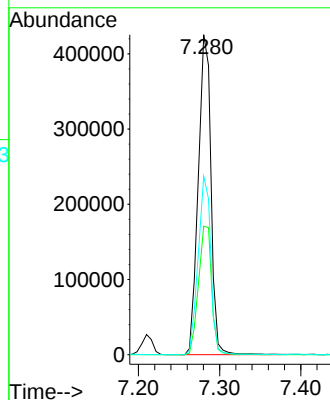
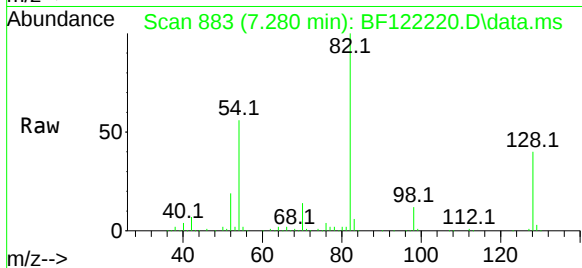
Delta R.T. -0.006 min

Lab File: BF122220.D

Acq: 2 Nov 2020 11:53

Tgt Ion: 82 Resp: 464220

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 40.2  | 35.0  | 52.4  |
| 54  | 55.7  | 43.9  | 65.9  |



#24

Nitrobenzene

Concen: 40.64 ng

RT: 7.304 min Scan# 887

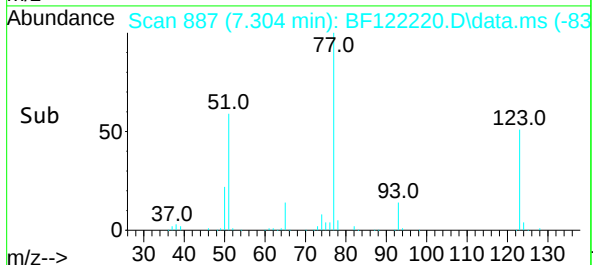
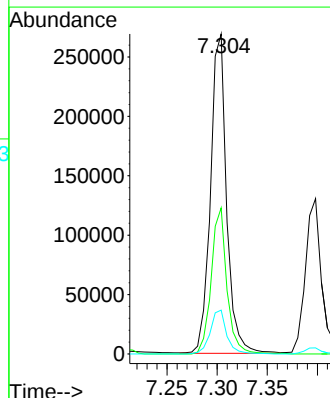
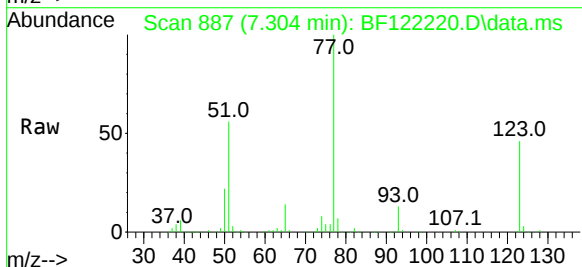
Delta R.T. -0.000 min

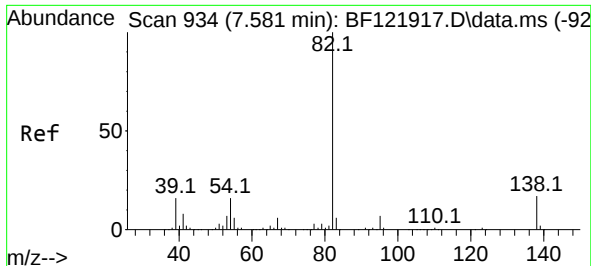
Lab File: BF122220.D

Acq: 2 Nov 2020 11:53

Tgt Ion: 77 Resp: 301313

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 123 | 45.7  | 35.6  | 53.4  |
| 65  | 13.7  | 11.2  | 16.8  |

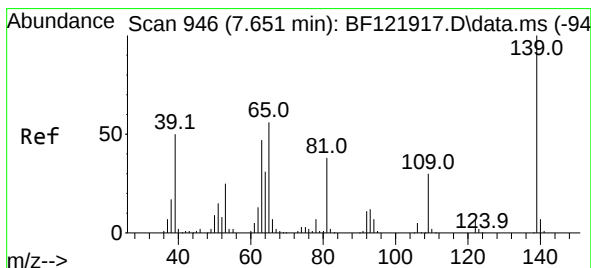
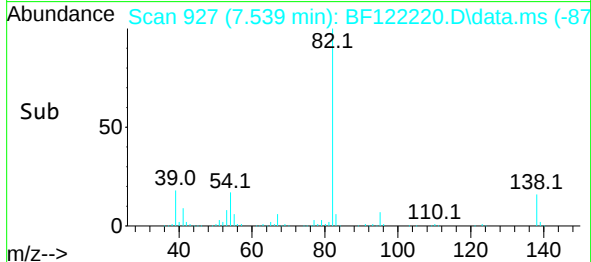
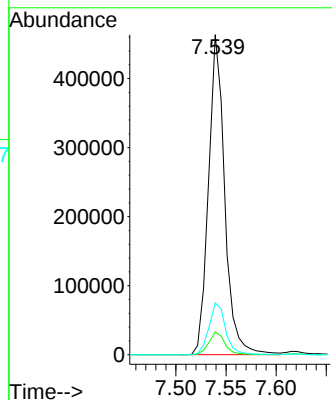
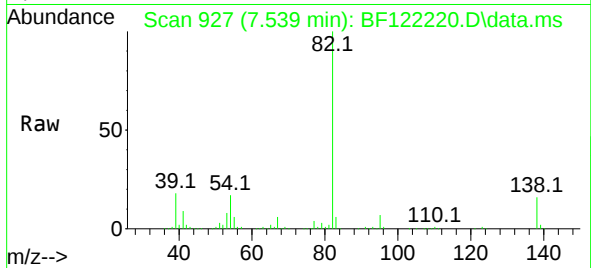




#25  
Isophorone  
Concen: 39.82 ng  
RT: 7.539 min Scan# 927  
Delta R.T. -0.006 min  
Lab File: BF122220.D  
Acq: 2 Nov 2020 11:53

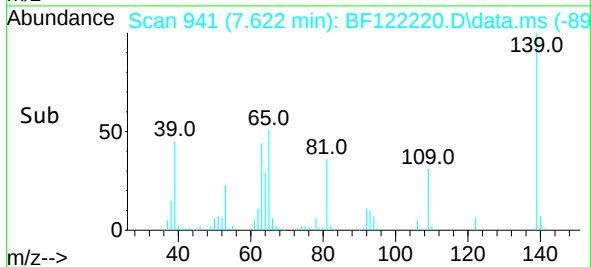
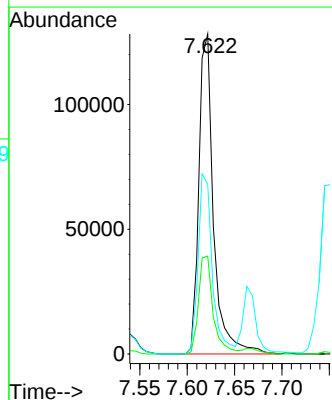
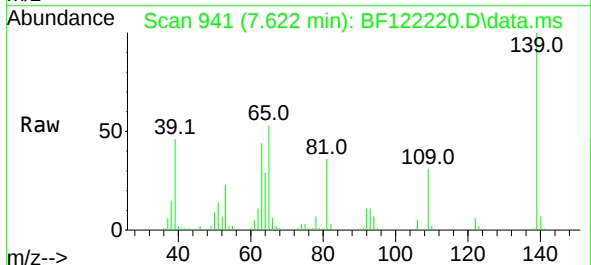
Instrument :  
BNA\_F  
ClientSampleId :  
PB132734BS

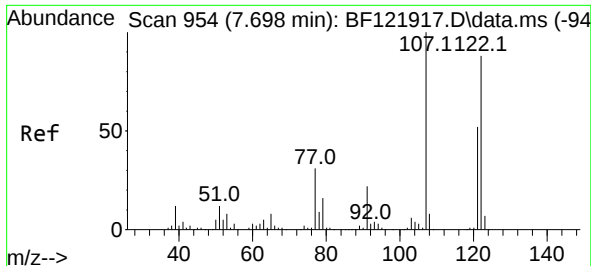
Tgt Ion: 82 Resp: 522222  
Ion Ratio Lower Upper  
82 100  
95 7.1 5.4 8.0  
138 16.2 13.4 20.0



#26  
2-Nitrophenol  
Concen: 40.55 ng  
RT: 7.622 min Scan# 941  
Delta R.T. -0.000 min  
Lab File: BF122220.D  
Acq: 2 Nov 2020 11:53

Tgt Ion:139 Resp: 138440  
Ion Ratio Lower Upper  
139 100  
109 30.6 23.0 34.4  
65 53.1 39.9 59.9

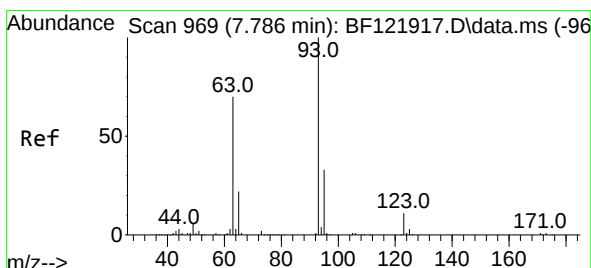
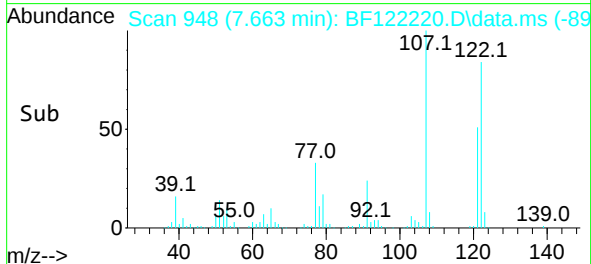
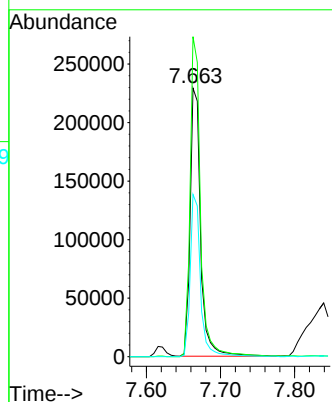
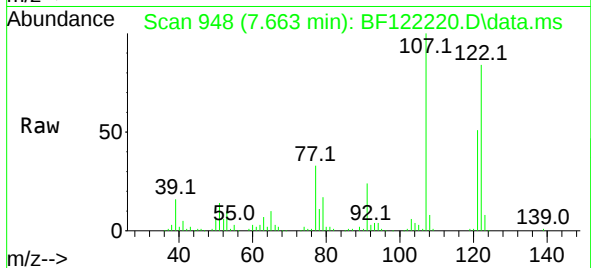




#27  
2,4-Dimethylphenol  
Concen: 38.71 ng  
RT: 7.663 min Scan# 948  
Delta R.T. -0.006 min  
Lab File: BF122220.D  
Acq: 2 Nov 2020 11:53

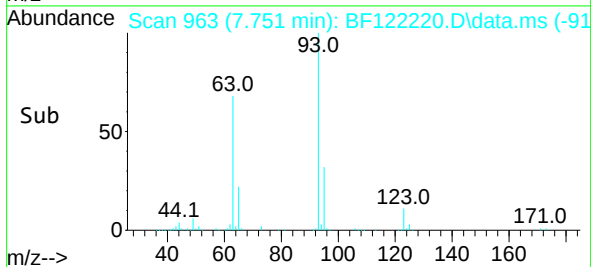
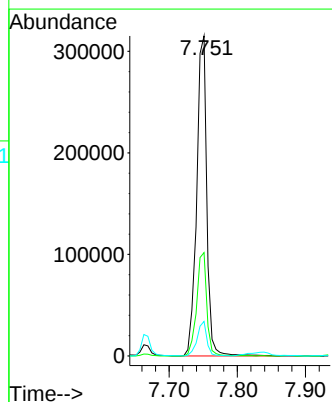
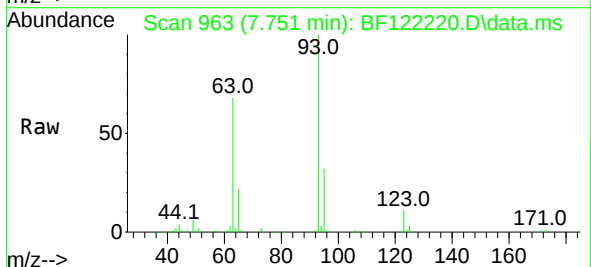
Instrument :  
BNA\_F  
ClientSampleId :  
PB132734BS

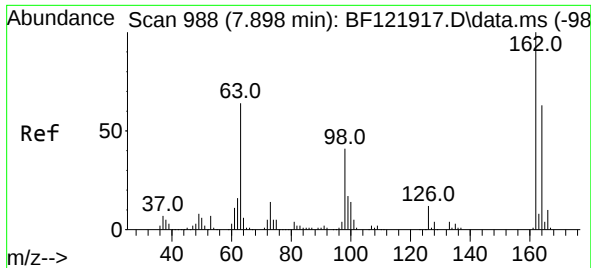
Tgt Ion:122 Resp: 225287  
Ion Ratio Lower Upper  
122 100  
107 119.2 90.8 136.2  
121 60.4 47.5 71.3



#28  
bis(2-Chloroethoxy)methane  
Concen: 39.58 ng  
RT: 7.751 min Scan# 963  
Delta R.T. -0.000 min  
Lab File: BF122220.D  
Acq: 2 Nov 2020 11:53

Tgt Ion: 93 Resp: 324755  
Ion Ratio Lower Upper  
93 100  
95 32.3 26.2 39.4  
123 10.8 8.8 13.2

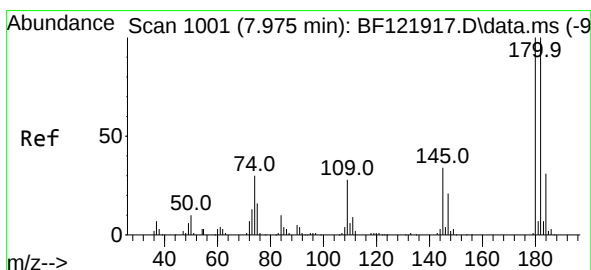
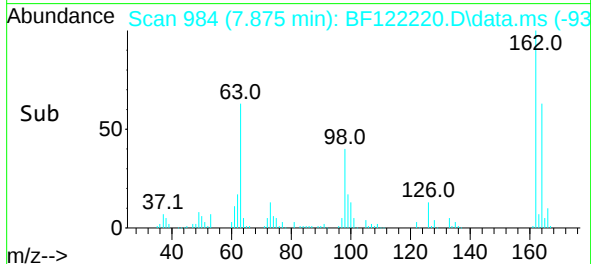
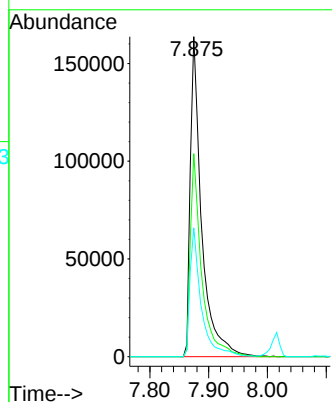
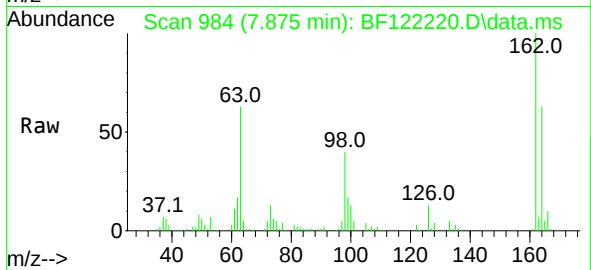




#29  
2,4-Dichlorophenol  
Concen: 40.31 ng  
RT: 7.875 min Scan# 984  
Delta R.T. 0.006 min  
Lab File: BF122220.D  
Acq: 2 Nov 2020 11:53

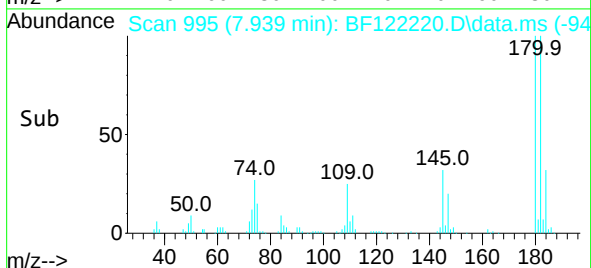
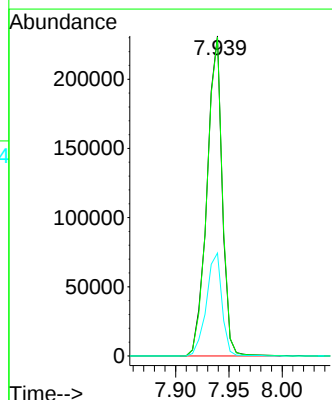
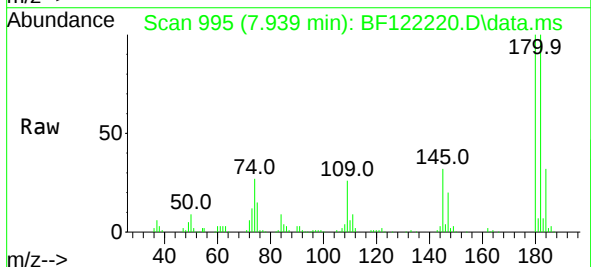
Instrument :  
BNA\_F  
ClientSampleId :  
PB132734BS

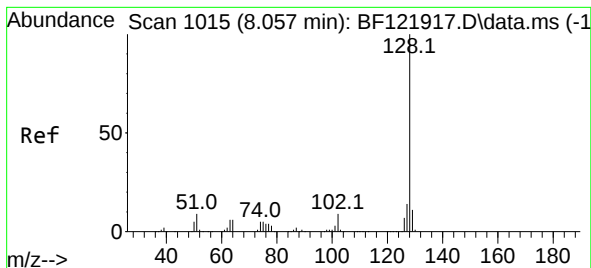
Tgt Ion:162 Resp: 219694  
Ion Ratio Lower Upper  
162 100  
164 63.5 42.5 82.5  
98 40.2 20.1 60.1



#30  
1,2,4-Trichlorobenzene  
Concen: 39.76 ng  
RT: 7.939 min Scan# 995  
Delta R.T. -0.006 min  
Lab File: BF122220.D  
Acq: 2 Nov 2020 11:53

Tgt Ion:180 Resp: 230421  
Ion Ratio Lower Upper  
180 100  
182 99.7 79.4 119.2  
145 32.2 25.5 38.3

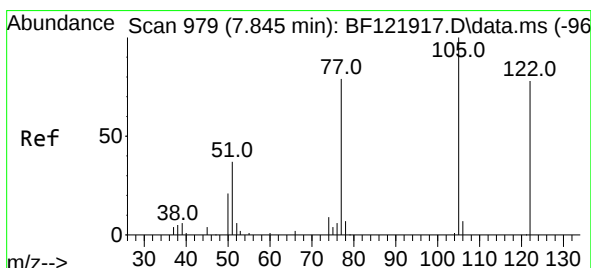
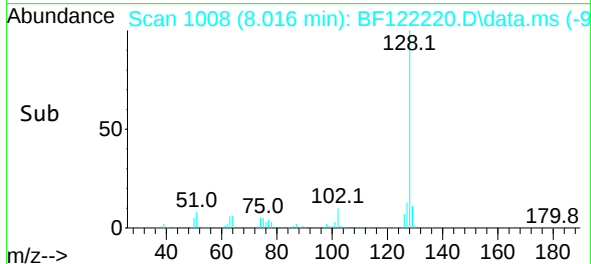
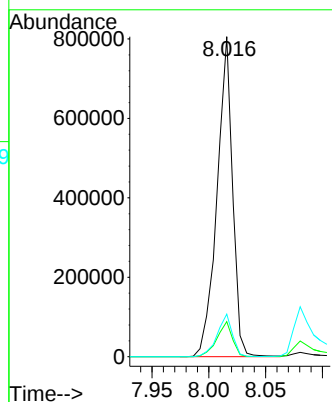
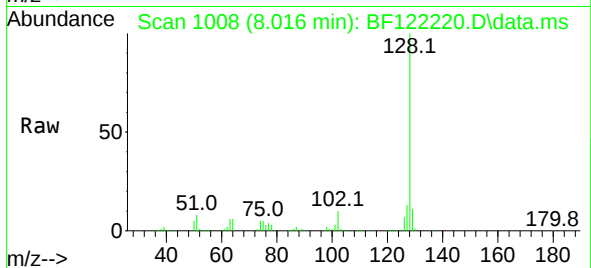




#31  
Naphthalene  
Concen: 40.33 ng  
RT: 8.016 min Scan# 1008  
Delta R.T. -0.006 min  
Lab File: BF122220.D  
Acq: 2 Nov 2020 11:53

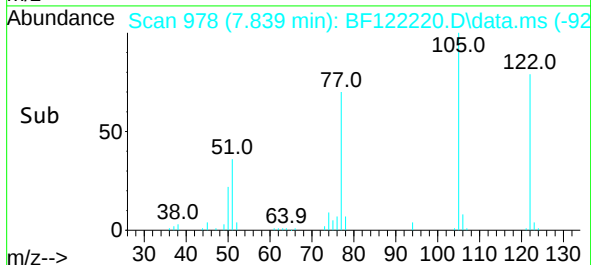
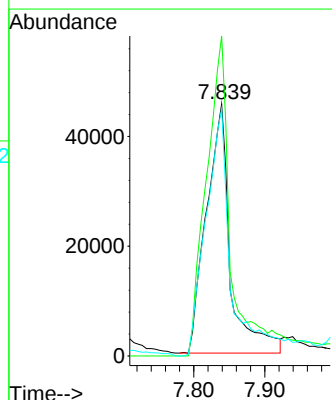
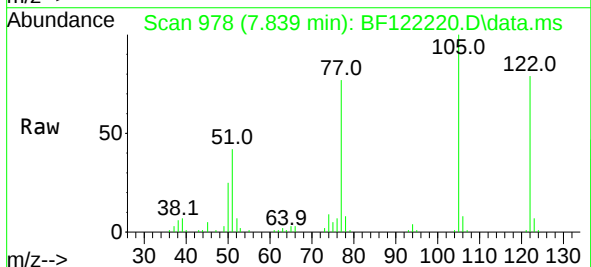
Instrument :  
BNA\_F  
ClientSampleId :  
PB132734BS

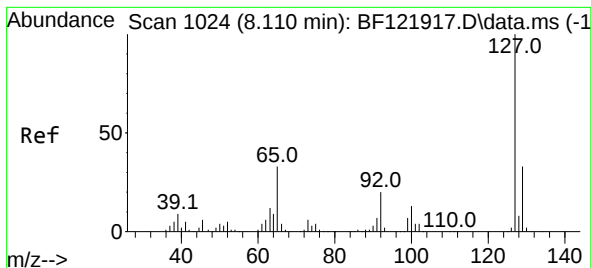
Tgt Ion:128 Resp: 768525  
Ion Ratio Lower Upper  
128 100  
129 11.0 8.7 13.1  
127 13.3 10.8 16.2



#32  
Benzoic acid  
Concen: 34.65 ng  
RT: 7.839 min Scan# 978  
Delta R.T. 0.012 min  
Lab File: BF122220.D  
Acq: 2 Nov 2020 11:53

Tgt Ion:122 Resp: 106790  
Ion Ratio Lower Upper  
122 100  
105 127.0 103.3 143.3  
77 98.0 73.9 113.9



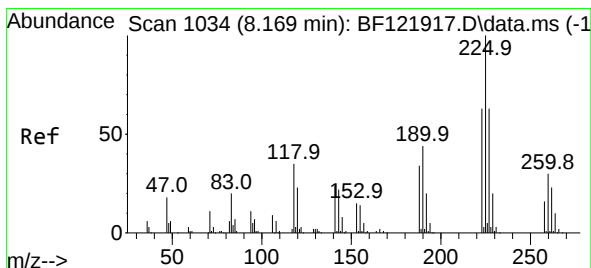
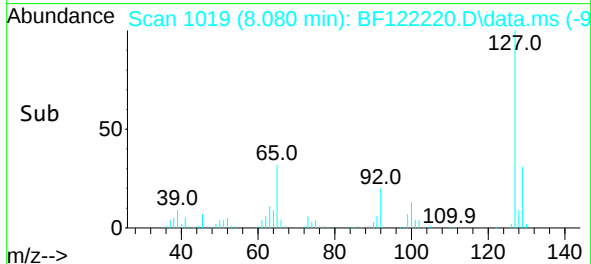
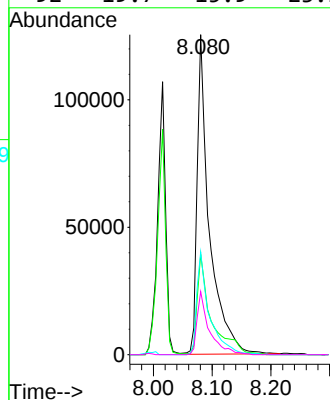
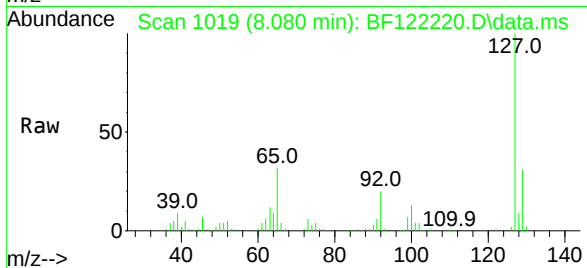


#33  
4-Chloroaniline  
Concen: 22.28 ng  
RT: 8.080 min Scan# 1019  
Delta R.T. -0.000 min  
Lab File: BF122220.D  
Acq: 2 Nov 2020 11:53

Instrument :  
BNA\_F  
ClientSampleId :  
PB132734BS

Tgt Ion:127 Resp: 180861

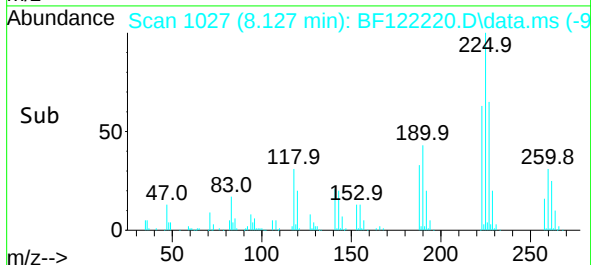
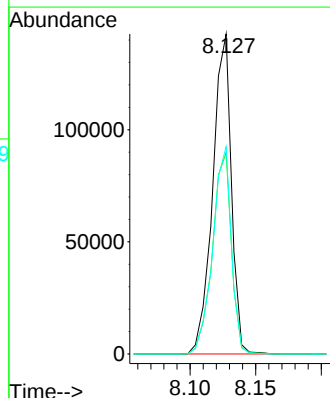
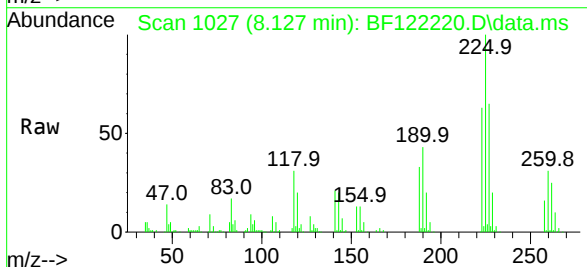
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 127 | 100   |       |       |
| 129 | 31.3  | 26.3  | 39.5  |
| 65  | 32.1  | 26.2  | 39.2  |
| 92  | 19.7  | 15.9  | 23.9  |

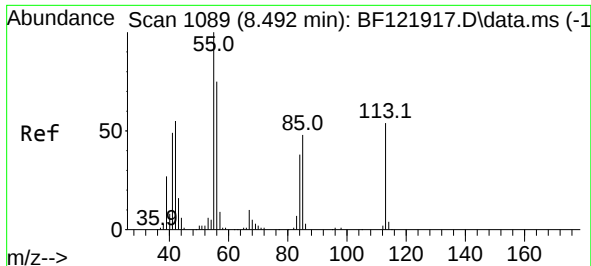


#34  
Hexachlorobutadiene  
Concen: 41.07 ng  
RT: 8.127 min Scan# 1027  
Delta R.T. -0.006 min  
Lab File: BF122220.D  
Acq: 2 Nov 2020 11:53

Tgt Ion:225 Resp: 141134

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 225 | 100   |       |       |
| 223 | 62.9  | 51.1  | 76.7  |
| 227 | 64.7  | 51.0  | 76.6  |





#35

Caprolactam

Concen: 25.12 ng

RT: 8.463 min Scan# 1084

Delta R.T. -0.000 min

Lab File: BF122220.D

Acq: 2 Nov 2020 11:53

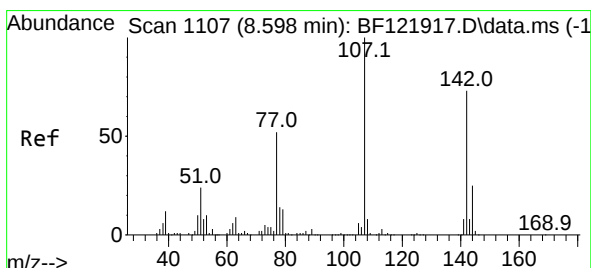
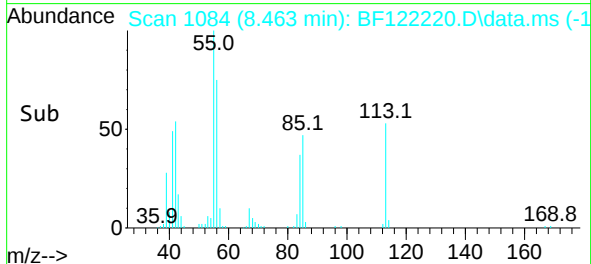
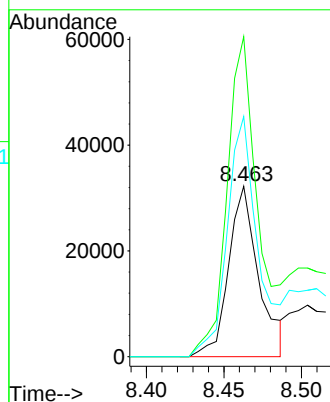
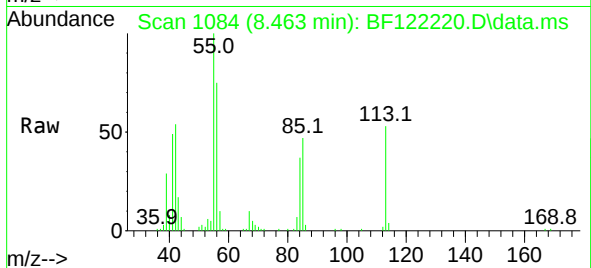
Tgt Ion:113 Resp: 43481

Ion Ratio Lower Upper

113 100

55 187.8 167.5 207.5

56 141.0 121.2 161.2



#36

4-Chloro-3-methylphenol

Concen: 40.77 ng

RT: 8.580 min Scan# 1104

Delta R.T. 0.006 min

Lab File: BF122220.D

Acq: 2 Nov 2020 11:53

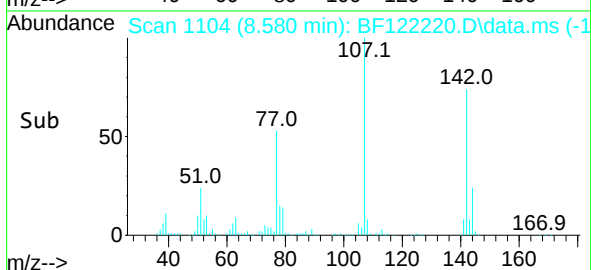
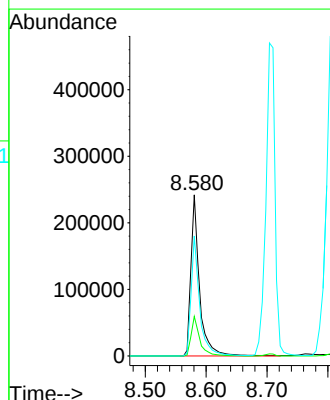
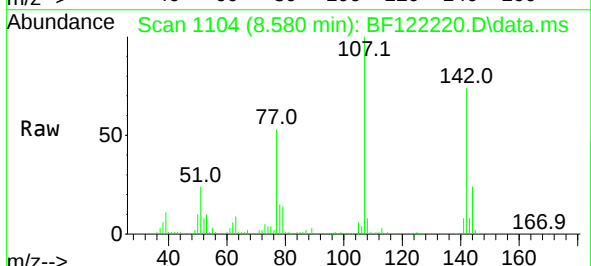
Tgt Ion:107 Resp: 238633

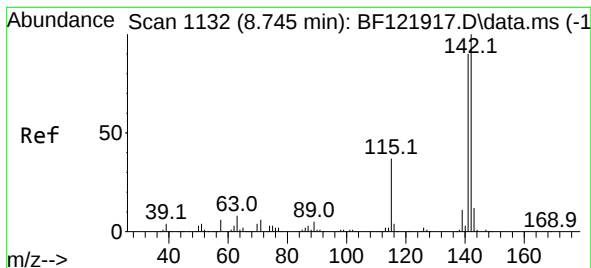
Ion Ratio Lower Upper

107 100

144 24.5 20.1 30.1

142 74.4 59.3 88.9

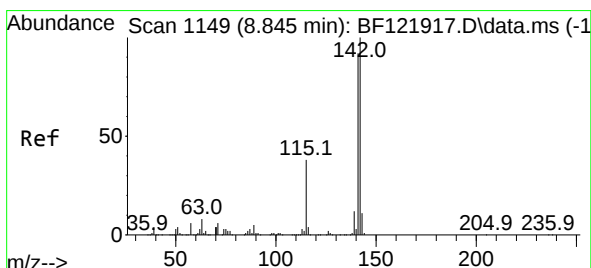
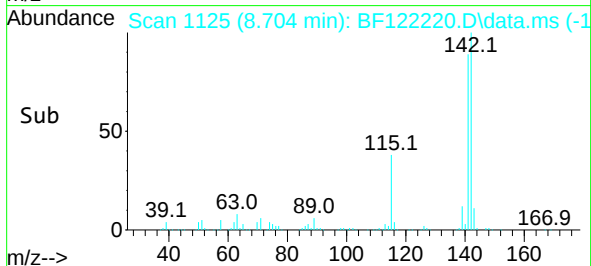
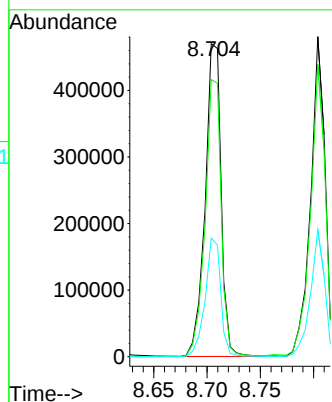
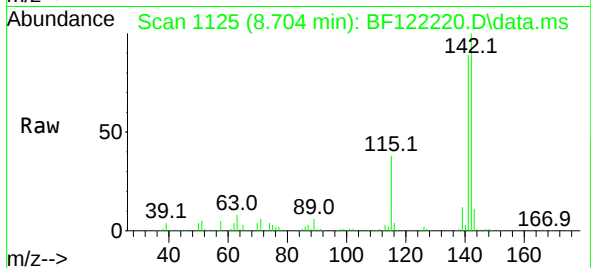




#37  
2-Methylnaphthalene  
Concen: 39.90 ng  
RT: 8.704 min Scan# 1125  
Delta R.T. -0.006 min  
Lab File: BF122220.D  
Acq: 2 Nov 2020 11:53

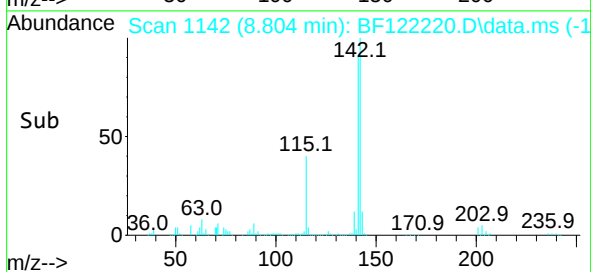
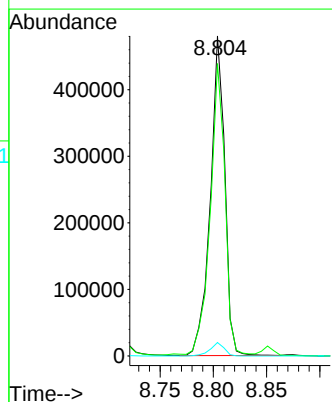
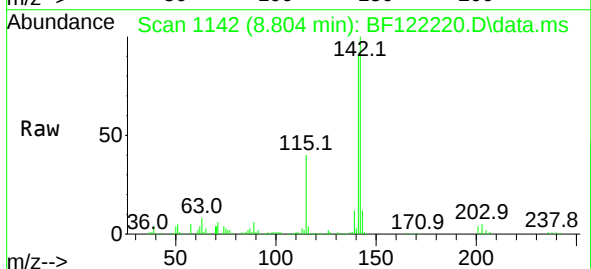
Instrument :  
BNA\_F  
ClientSampleId :  
PB132734BS

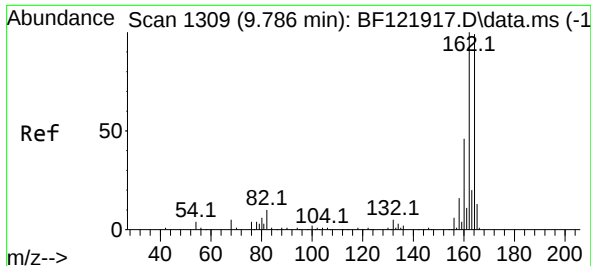
Tgt Ion:142 Resp: 492477  
Ion Ratio Lower Upper  
142 100  
141 88.5 70.2 105.4  
115 37.9 28.6 43.0



#38  
1-Methylnaphthalene  
Concen: 39.75 ng  
RT: 8.804 min Scan# 1142  
Delta R.T. -0.006 min  
Lab File: BF122220.D  
Acq: 2 Nov 2020 11:53

Tgt Ion:142 Resp: 454237  
Ion Ratio Lower Upper  
142 100  
141 91.4 74.5 111.7  
116 4.2 3.2 4.8





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.745 min Scan# 1302

Delta R.T. -0.006 min

Lab File: BF122220.D

Acq: 2 Nov 2020 11:53

Tgt Ion:164 Resp: 182499

Ion Ratio Lower Upper

164 100

162 105.3 83.2 124.8

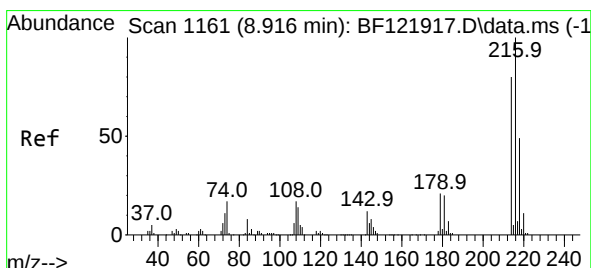
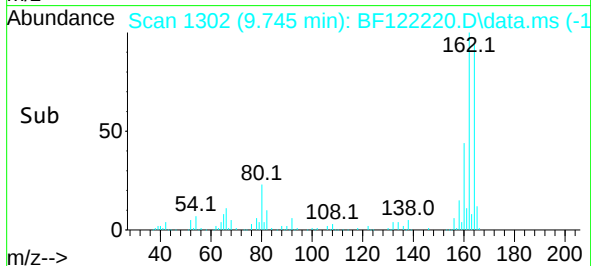
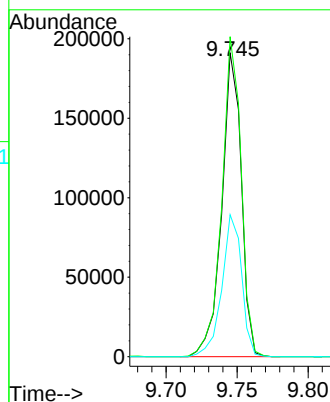
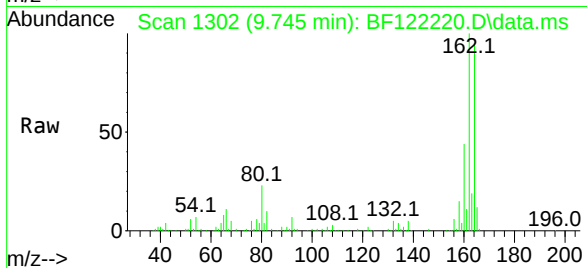
160 46.7 37.5 56.3

Instrument :

BNA\_F

ClientSampleId :

PB132734BS



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.10 ng

RT: 8.874 min Scan# 1154

Delta R.T. -0.006 min

Lab File: BF122220.D

Acq: 2 Nov 2020 11:53

Tgt Ion:216 Resp: 236197

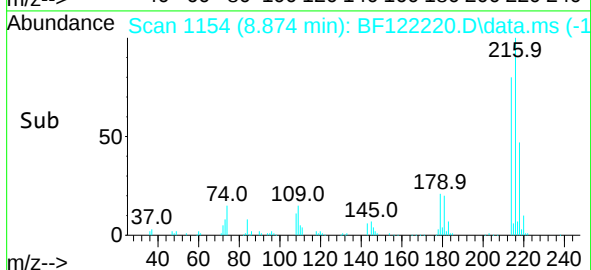
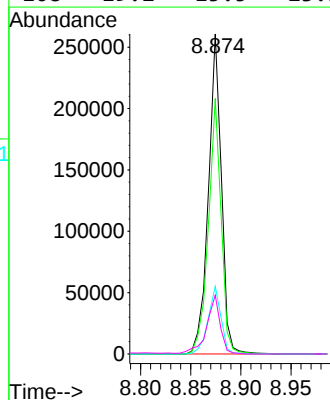
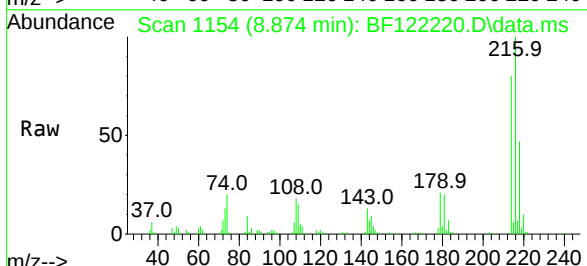
Ion Ratio Lower Upper

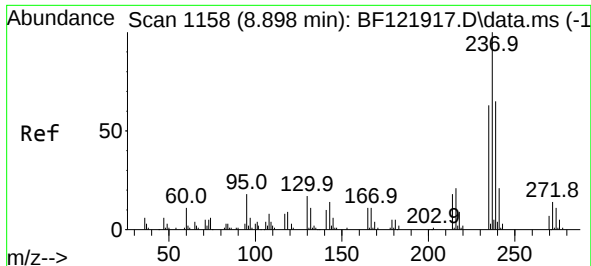
216 100

214 78.5 63.4 95.2

179 21.0 17.0 25.6

108 19.2 15.5 23.3

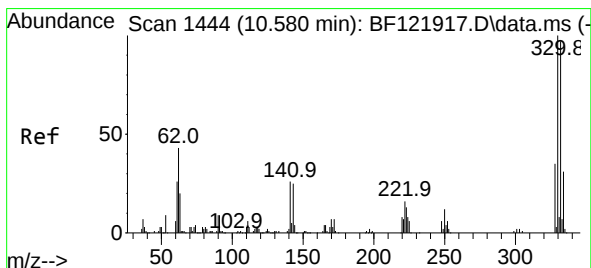
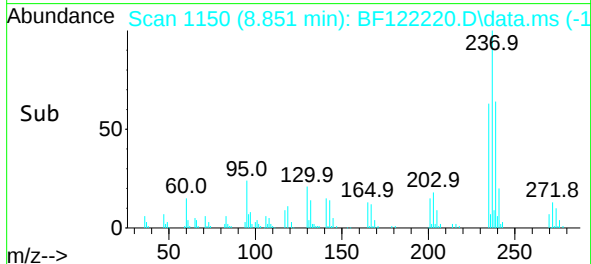
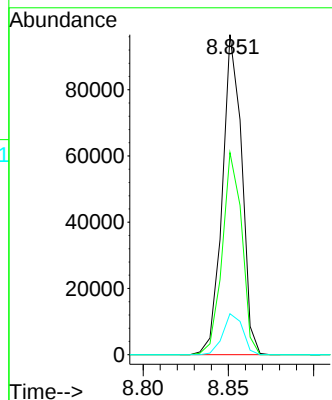
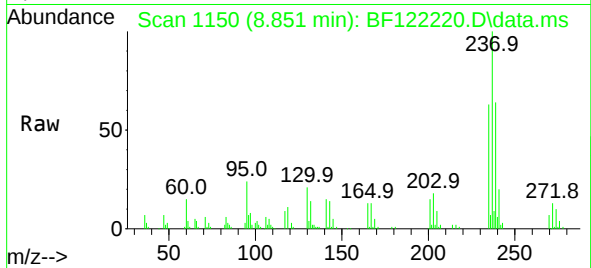




#41  
Hexachlorocyclopentadiene  
Concen: 52.90 ng  
RT: 8.851 min Scan# 1150  
Delta R.T. -0.006 min  
Lab File: BF122220.D  
Acq: 2 Nov 2020 11:53

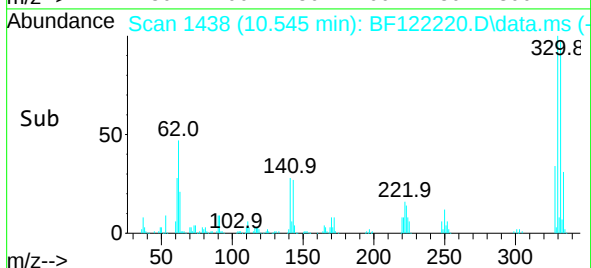
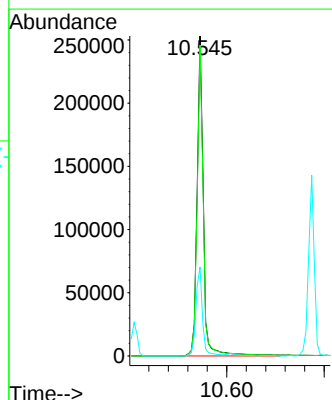
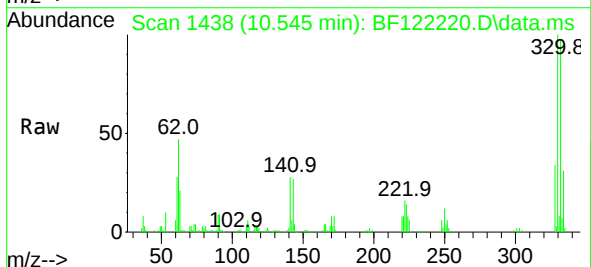
Instrument :  
BNA\_F  
ClientSampleId :  
PB132734BS

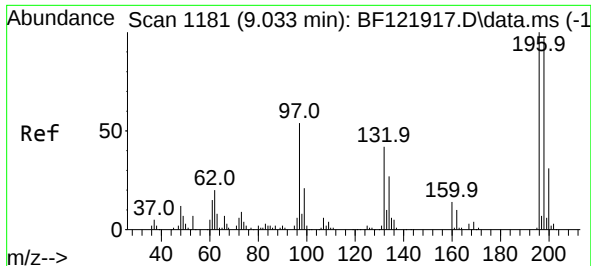
Tgt Ion:237 Resp: 76632  
Ion Ratio Lower Upper  
237 100  
235 63.2 41.8 81.8  
272 12.8 0.0 33.5



#42  
2,4,6-Tribromophenol  
Concen: 100.47 ng  
RT: 10.545 min Scan# 1438  
Delta R.T. -0.000 min  
Lab File: BF122220.D  
Acq: 2 Nov 2020 11:53

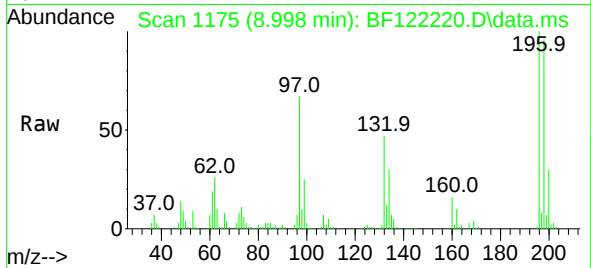
Tgt Ion:330 Resp: 226806  
Ion Ratio Lower Upper  
330 100  
332 96.3 77.3 115.9  
141 28.8 22.3 33.5



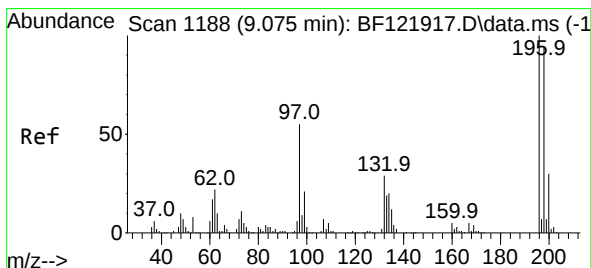
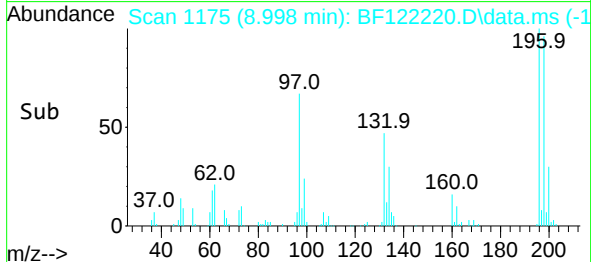
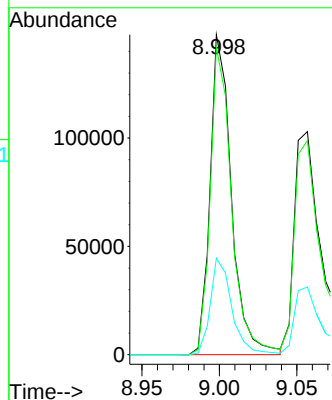


#43  
2,4,6-Trichlorophenol  
Concen: 39.05 ng  
RT: 8.998 min Scan# 1175  
Delta R.T. -0.000 min  
Lab File: BF122220.D  
Acq: 2 Nov 2020 11:53

Instrument :  
BNA\_F  
ClientSampled :  
PB132734BS

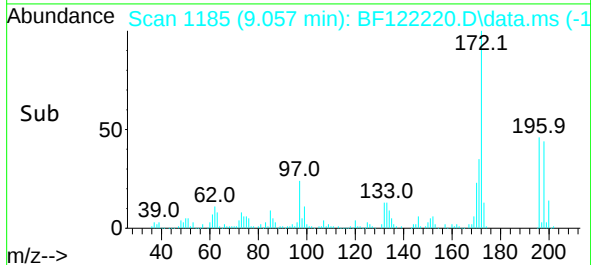
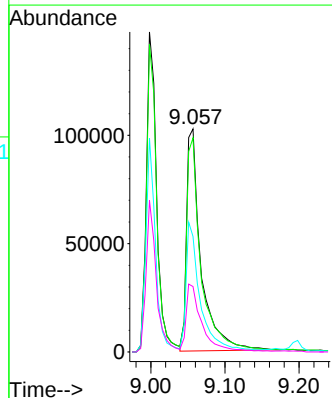
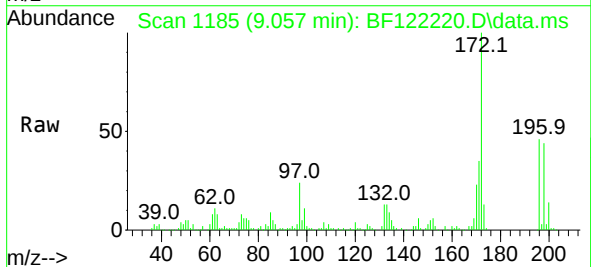


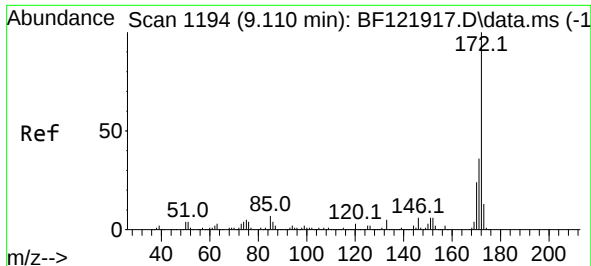
Tgt Ion:196 Resp: 141932  
Ion Ratio Lower Upper  
196 100  
198 96.1 75.8 113.6  
200 30.2 24.6 36.8



#44  
2,4,5-Trichlorophenol  
Concen: 35.56 ng  
RT: 9.057 min Scan# 1185  
Delta R.T. 0.012 min  
Lab File: BF122220.D  
Acq: 2 Nov 2020 11:53

Tgt Ion:196 Resp: 139574  
Ion Ratio Lower Upper  
196 100  
198 96.0 76.1 114.1  
97 51.8 41.0 61.6  
132 29.3 22.4 33.6

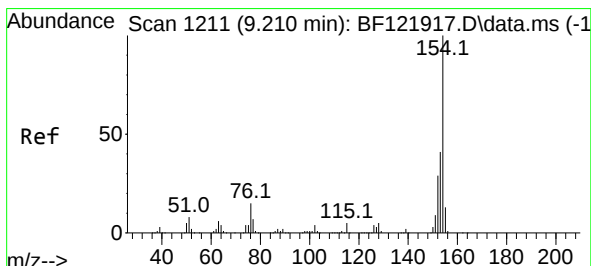
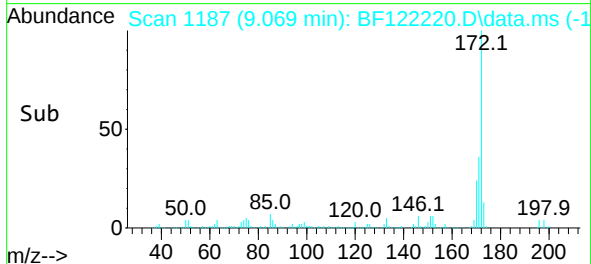
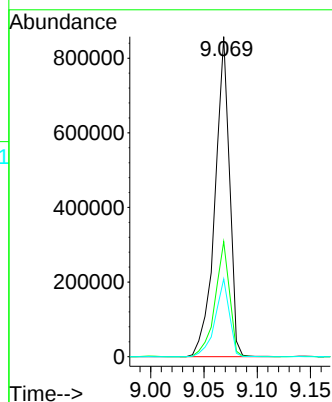
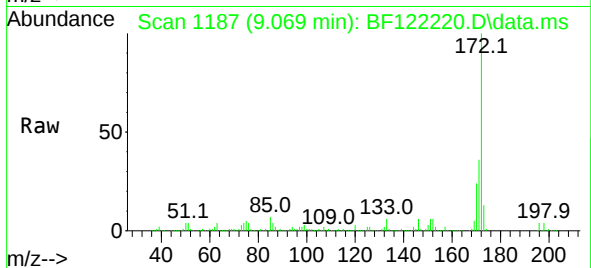




#45  
2-Fluorobiphenyl  
Concen: 65.54 ng  
RT: 9.069 min Scan# 1187  
Delta R.T. -0.006 min  
Lab File: BF122220.D  
Acq: 2 Nov 2020 11:53

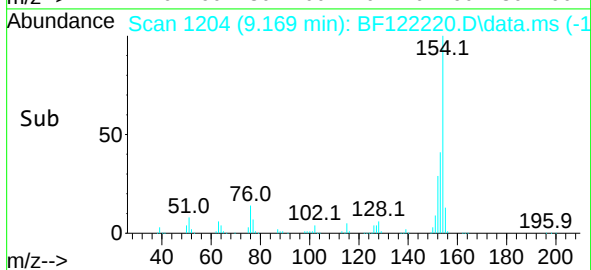
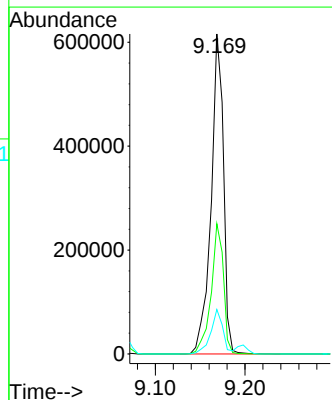
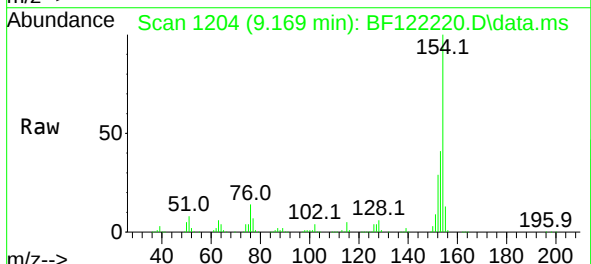
Instrument :  
BNA\_F  
ClientSampleId :  
PB132734BS

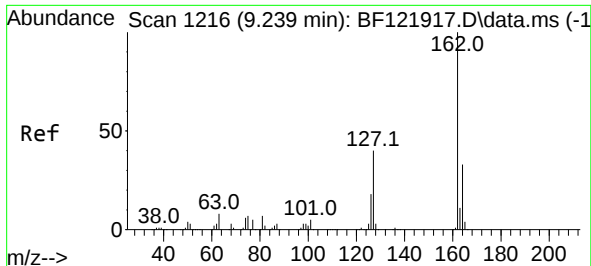
Tgt Ion:172 Resp: 812957  
Ion Ratio Lower Upper  
172 100  
171 36.0 29.1 43.7  
170 24.3 19.8 29.6



#46  
1,1'-Biphenyl  
Concen: 39.89 ng  
RT: 9.169 min Scan# 1204  
Delta R.T. -0.006 min  
Lab File: BF122220.D  
Acq: 2 Nov 2020 11:53

Tgt Ion:154 Resp: 591981  
Ion Ratio Lower Upper  
154 100  
153 40.7 21.3 61.3  
76 13.9 0.0 34.7





#47

2-Chloronaphthalene

Concen: 39.99 ng

RT: 9.198 min Scan# 1209

Delta R.T. -0.000 min

Lab File: BF122220.D

Acq: 2 Nov 2020 11:53

Tgt Ion:162 Resp: 461438

Ion Ratio Lower Upper

162 100

127 42.5 34.4 51.6

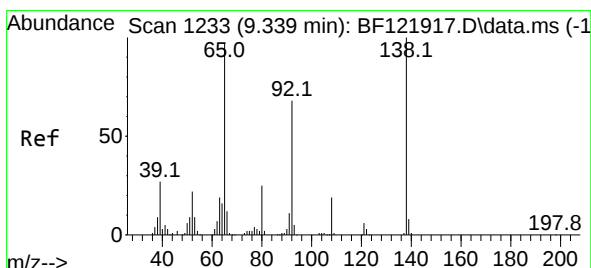
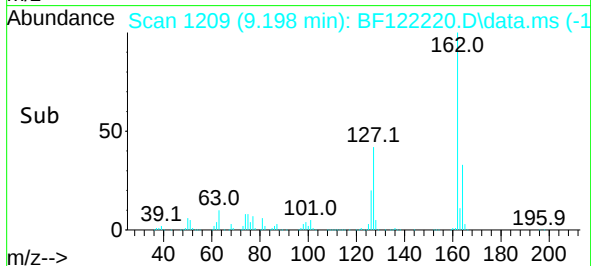
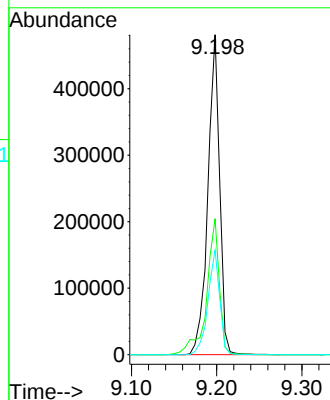
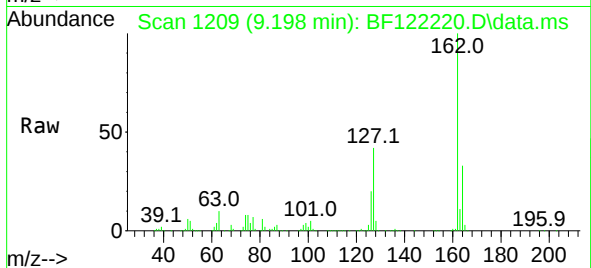
164 32.7 26.3 39.5

Instrument :

BNA\_F

ClientSampleId :

PB132734BS



#48

2-Nitroaniline

Concen: 42.12 ng

RT: 9.310 min Scan# 1228

Delta R.T. -0.000 min

Lab File: BF122220.D

Acq: 2 Nov 2020 11:53

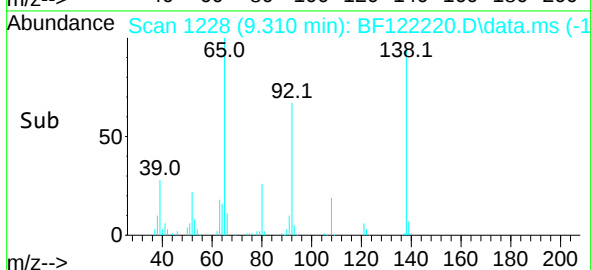
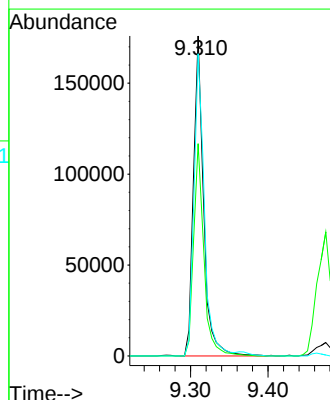
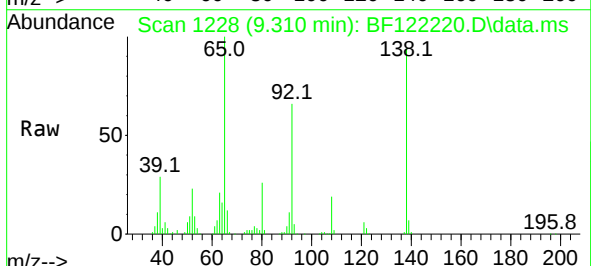
Tgt Ion: 65 Resp: 160311

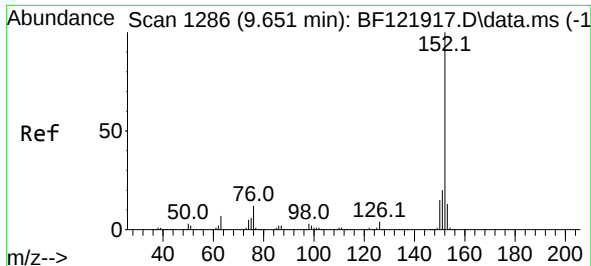
Ion Ratio Lower Upper

65 100

92 66.3 55.1 82.7

138 94.4 80.5 120.7

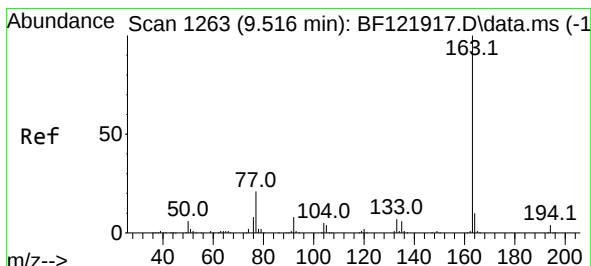
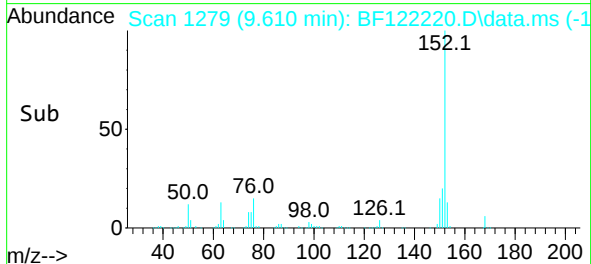
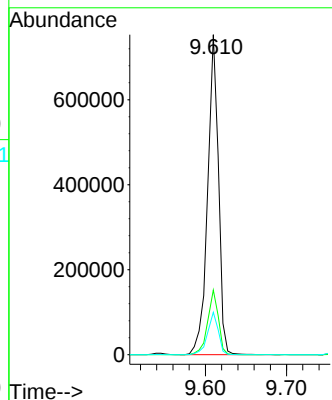
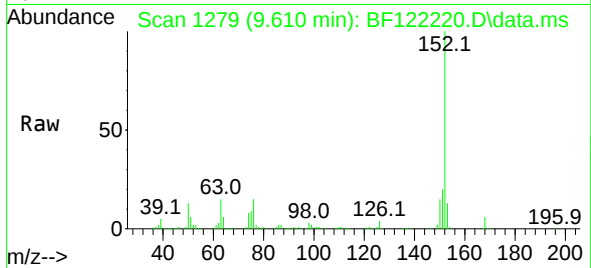




#49  
Acenaphthylene  
Concen: 39.28 ng  
RT: 9.610 min Scan# 1279  
Delta R.T. -0.006 min  
Lab File: BF122220.D  
Acq: 2 Nov 2020 11:53

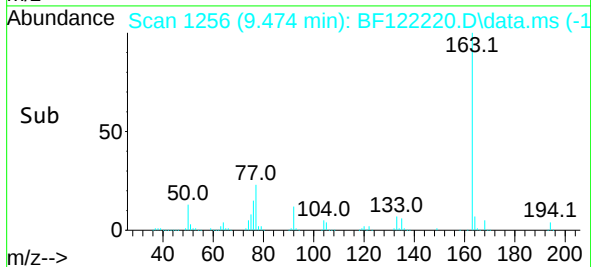
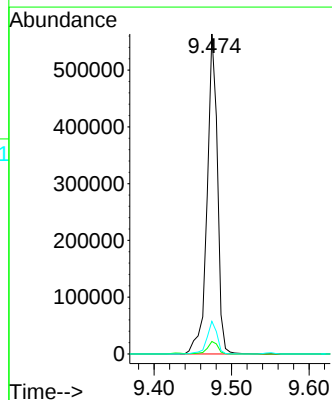
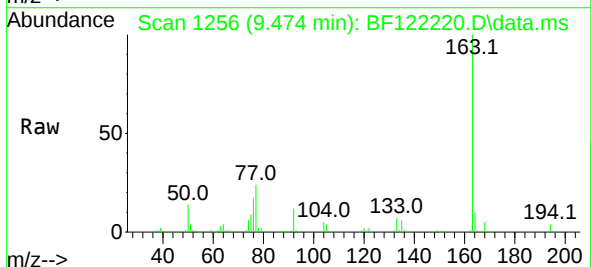
Instrument :  
BNA\_F  
ClientSampleId :  
PB132734BS

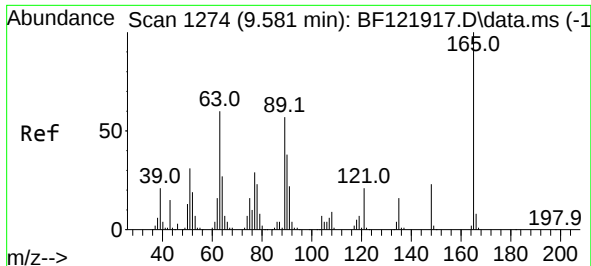
Tgt Ion:152 Resp: 696260  
Ion Ratio Lower Upper  
152 100  
151 20.2 16.4 24.6  
153 13.3 10.6 15.8



#50  
Dimethylphthalate  
Concen: 39.00 ng  
RT: 9.474 min Scan# 1256  
Delta R.T. -0.006 min  
Lab File: BF122220.D  
Acq: 2 Nov 2020 11:53

Tgt Ion:163 Resp: 520401  
Ion Ratio Lower Upper  
163 100  
194 3.9 3.3 4.9  
164 10.2 8.2 12.4

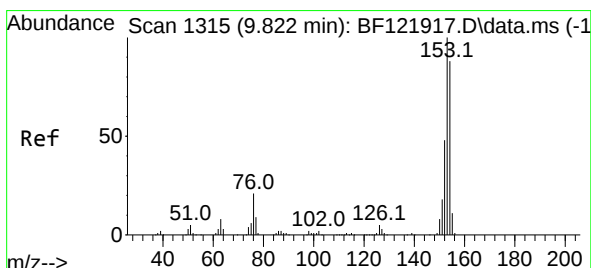
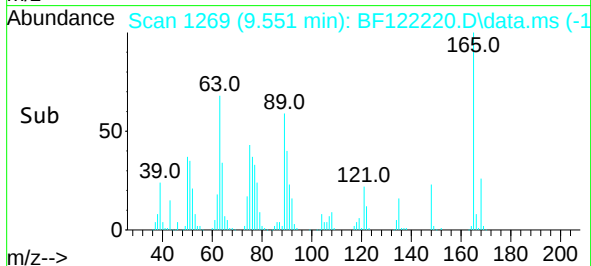
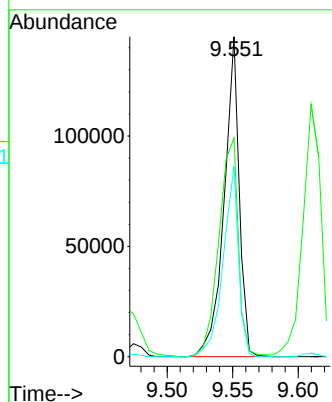
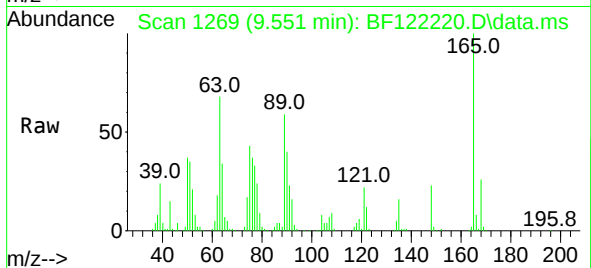




#51  
2,6-Dinitrotoluene  
Concen: 39.68 ng  
RT: 9.551 min Scan# 1269  
Delta R.T. -0.000 min  
Lab File: BF122220.D  
Acq: 2 Nov 2020 11:53

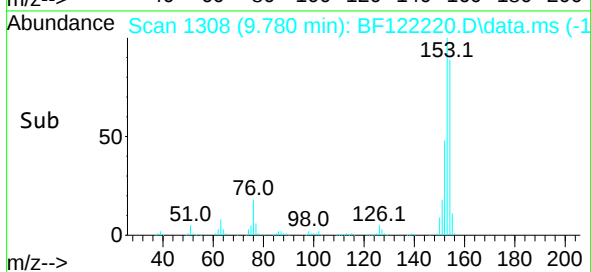
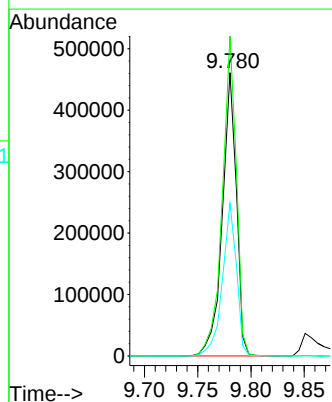
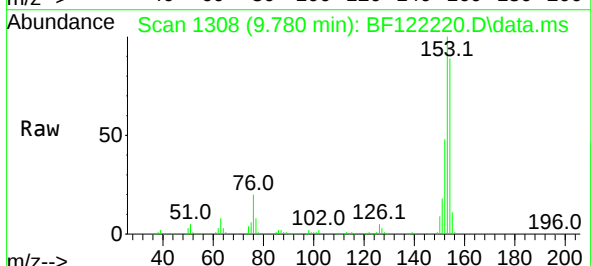
Instrument :  
BNA\_F  
ClientSampleId :  
PB132734BS

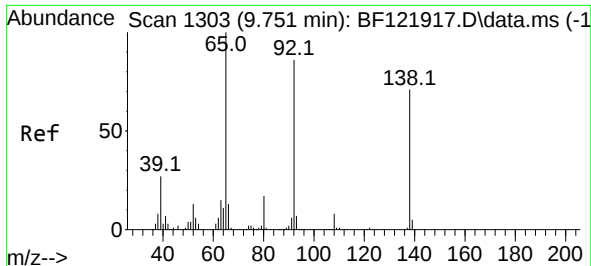
Tgt Ion:165 Resp: 116160  
Ion Ratio Lower Upper  
165 100  
63 68.3 51.8 77.6  
89 59.4 49.0 73.6



#52  
Acenaphthene  
Concen: 39.99 ng  
RT: 9.780 min Scan# 1308  
Delta R.T. -0.006 min  
Lab File: BF122220.D  
Acq: 2 Nov 2020 11:53

Tgt Ion:154 Resp: 421613  
Ion Ratio Lower Upper  
154 100  
153 112.9 89.8 134.8  
152 54.0 43.2 64.8

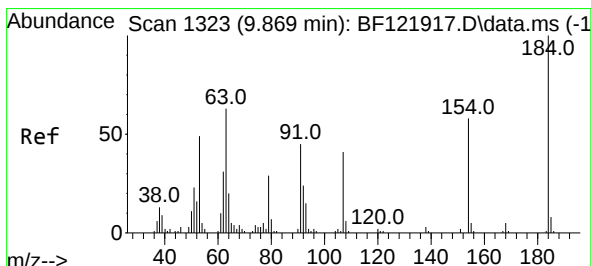
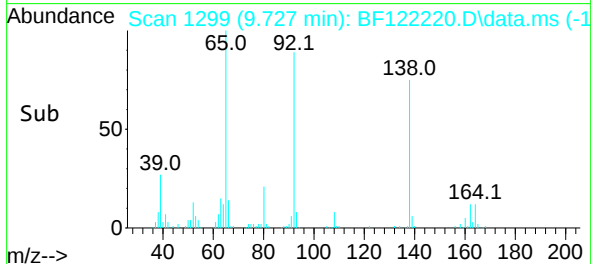
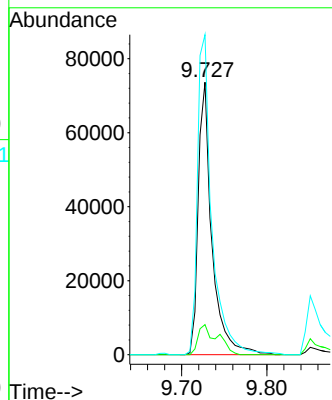
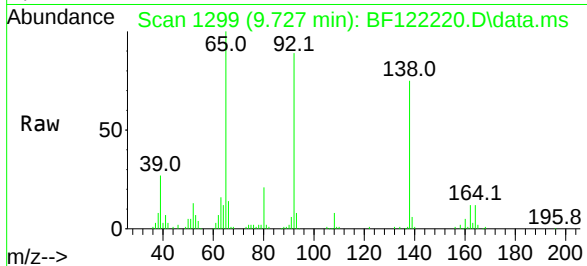




#53  
3-Nitroaniline  
Concen: 24.66 ng  
RT: 9.727 min Scan# 1299  
Delta R.T. 0.006 min  
Lab File: BF122220.D  
Acq: 2 Nov 2020 11:53

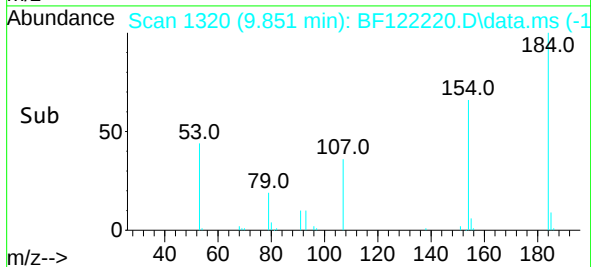
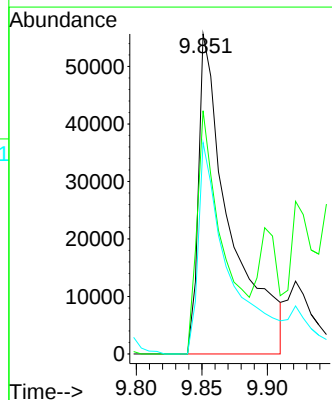
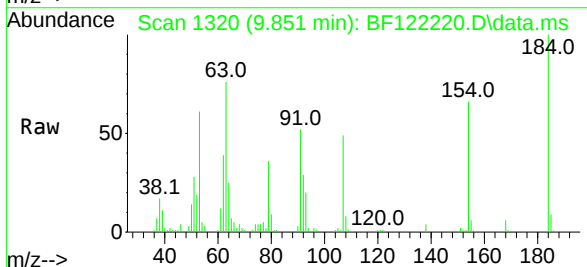
Instrument :  
BNA\_F  
ClientSampleId :  
PB132734BS

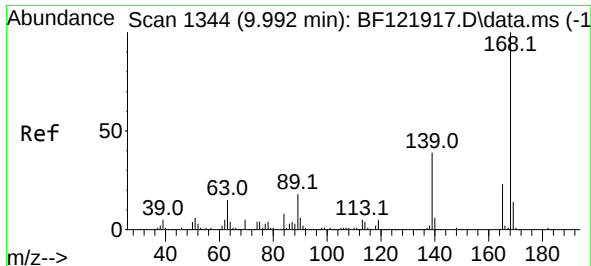
Tgt Ion:138 Resp: 82085  
Ion Ratio Lower Upper  
138 100  
108 11.0 8.6 13.0  
92 117.5 96.6 144.8



#54  
2,4-Dinitrophenol  
Concen: 63.79 ng  
RT: 9.851 min Scan# 1320  
Delta R.T. 0.006 min  
Lab File: BF122220.D  
Acq: 2 Nov 2020 11:53

Tgt Ion:184 Resp: 92348  
Ion Ratio Lower Upper  
184 100  
63 76.0 45.9 68.9#  
154 66.0 45.8 68.6





#55

Dibenzenofuran

Concen: 40.00 ng

RT: 9.957 min Scan# 1338

Delta R.T. -0.000 min

Lab File: BF122220.D

Acq: 2 Nov 2020 11:53

Tgt Ion:168 Resp: 616719

Ion Ratio Lower Upper

168 100

139 41.7 31.0 46.6

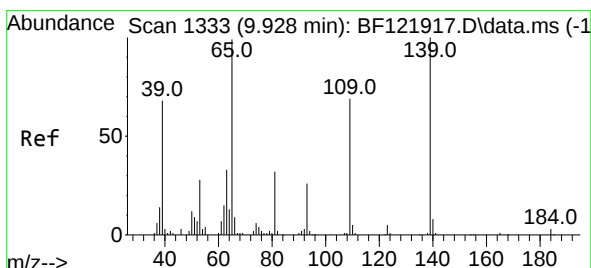
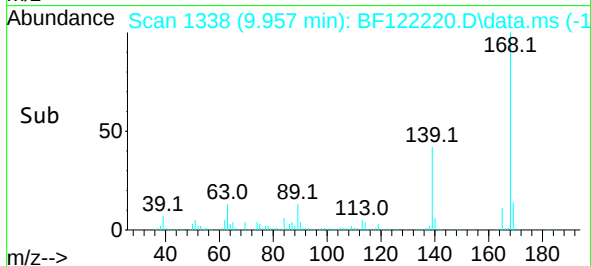
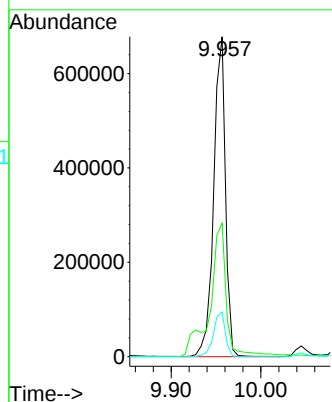
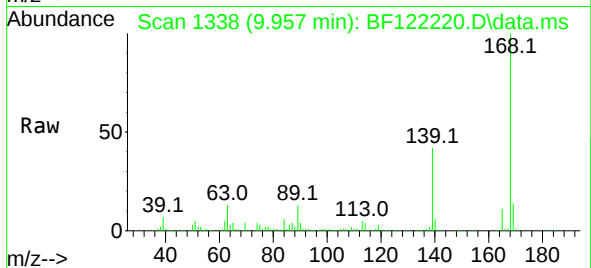
169 14.0 11.3 16.9

Instrument :

BNA\_F

ClientSampleId :

PB132734BS



#56

4-Nitrophenol

Concen: 208.71 ng

RT: 9.957 min Scan# 1338

Delta R.T. 0.047 min

Lab File: BF122220.D

Acq: 2 Nov 2020 11:53

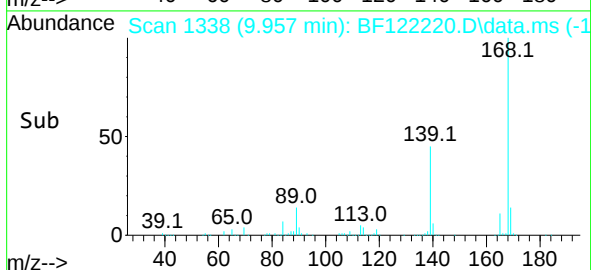
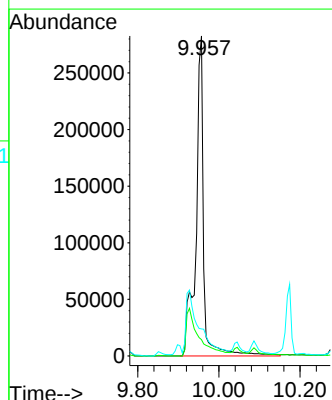
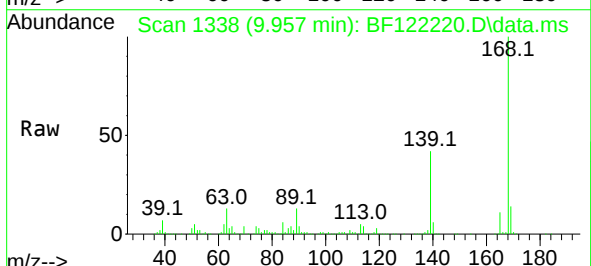
Tgt Ion:139 Resp: 377992

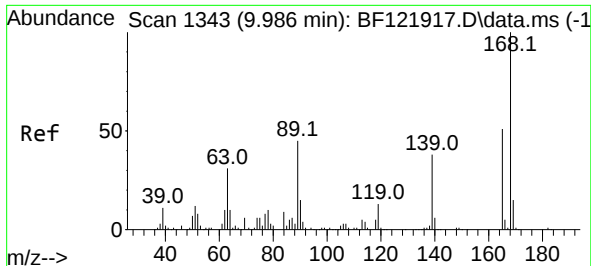
Ion Ratio Lower Upper

139 100

109 5.1 45.4 85.4#

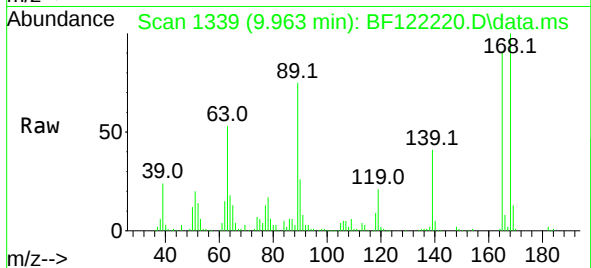
65 8.4 68.4 108.4#



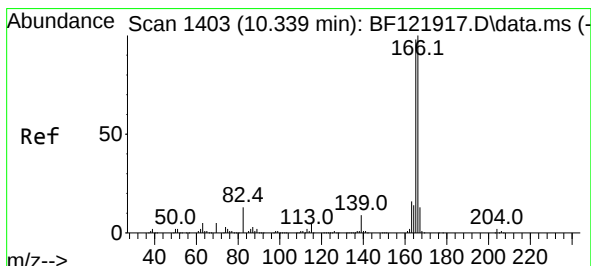
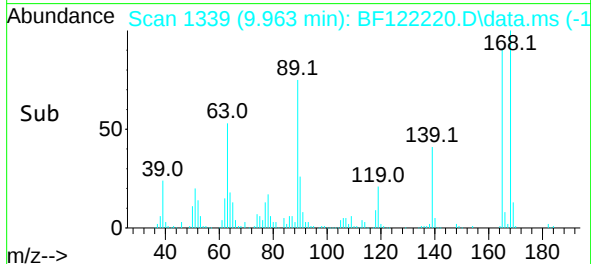
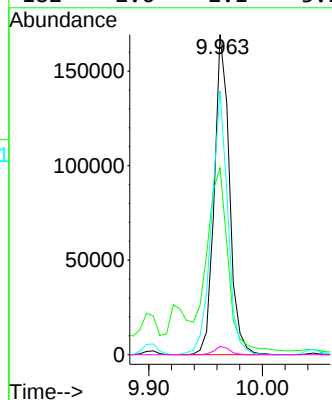


#57  
2,4-Dinitrotoluene  
Concen: 43.57 ng  
RT: 9.963 min Scan# 1339  
Delta R.T. -0.000 min  
Lab File: BF122220.D  
Acq: 2 Nov 2020 11:53

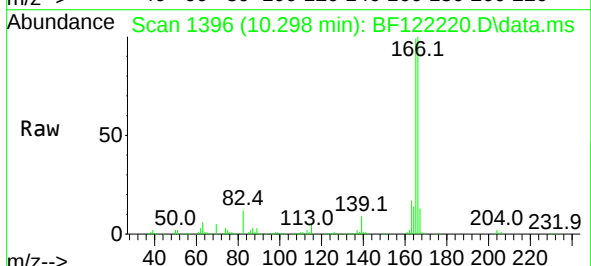
Instrument :  
BNA\_F  
ClientSampleId :  
PB132734BS



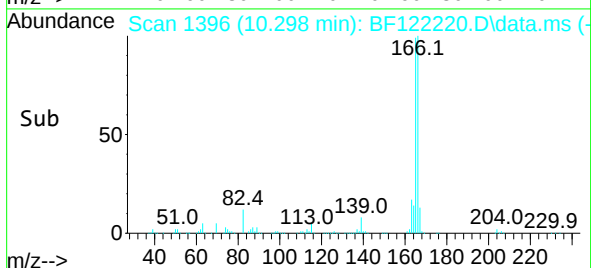
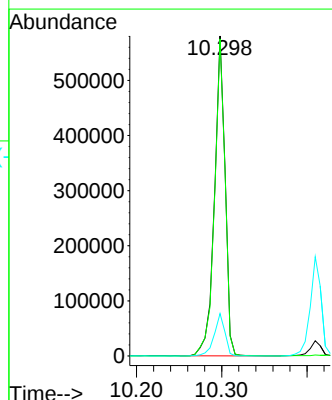
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 58.4  | 41.3  | 61.9  |
| 89      | 82.4  | 61.8  | 92.8  |
| 182     | 2.6   | 2.1   | 3.1   |

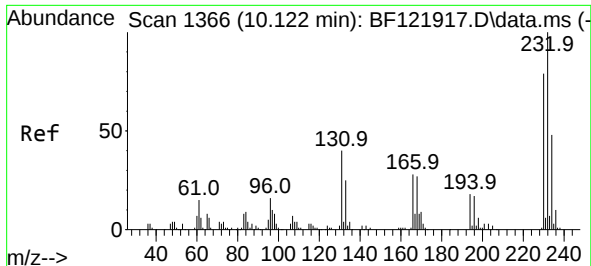


#58  
Fluorene  
Concen: 40.46 ng  
RT: 10.298 min Scan# 1396  
Delta R.T. -0.000 min  
Lab File: BF122220.D  
Acq: 2 Nov 2020 11:53



| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 166     | 100   |       |       |
| 165     | 99.1  | 79.1  | 118.7 |
| 167     | 13.3  | 11.0  | 16.6  |

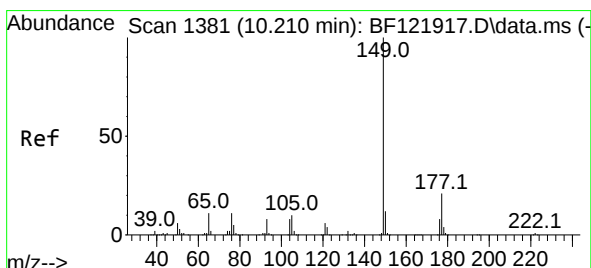
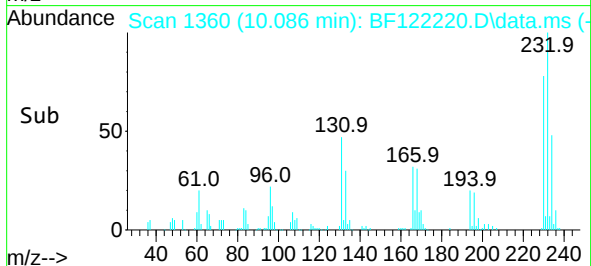
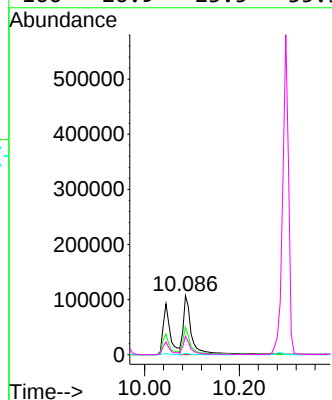
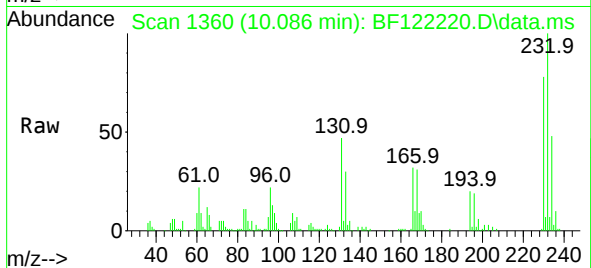




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 42.74 ng  
RT: 10.086 min Scan# 1360  
Delta R.T. -0.000 min  
Lab File: BF122220.D  
Acq: 2 Nov 2020 11:53

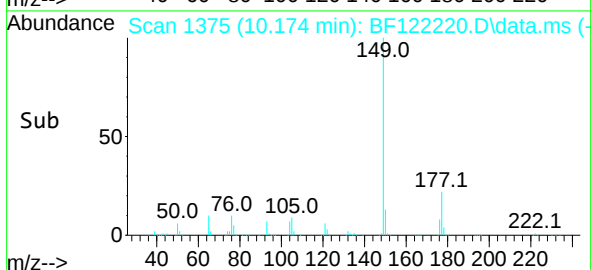
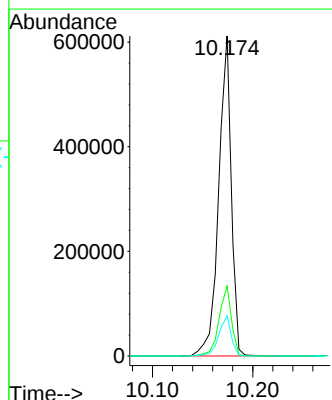
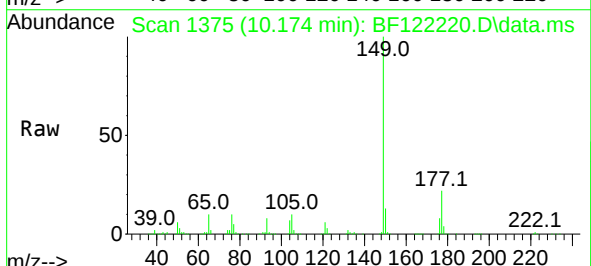
Instrument :  
BNA\_F  
ClientSampleId :  
PB132734BS

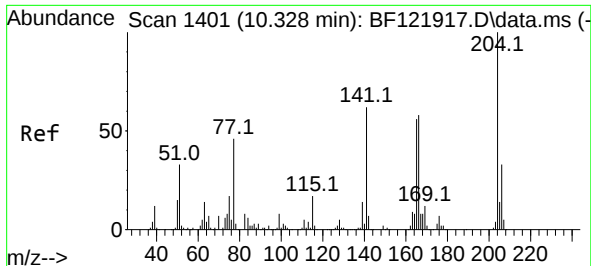
Tgt Ion:232 Resp: 129769  
Ion Ratio Lower Upper  
232 100  
131 40.2 35.9 53.9  
130 2.2 1.8 2.6  
166 26.9 23.5 35.3



#60  
Diethylphthalate  
Concen: 41.39 ng  
RT: 10.174 min Scan# 1375  
Delta R.T. -0.000 min  
Lab File: BF122220.D  
Acq: 2 Nov 2020 11:53

Tgt Ion:149 Resp: 532607  
Ion Ratio Lower Upper  
149 100  
177 21.9 18.1 27.1  
150 12.5 10.3 15.5

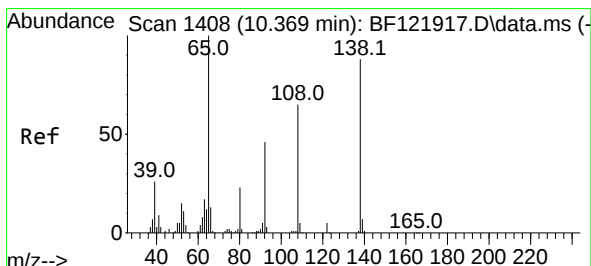
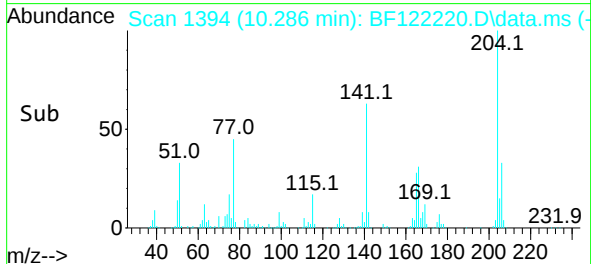
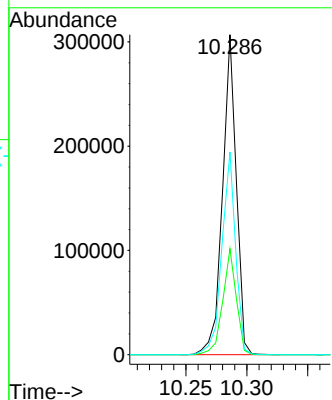
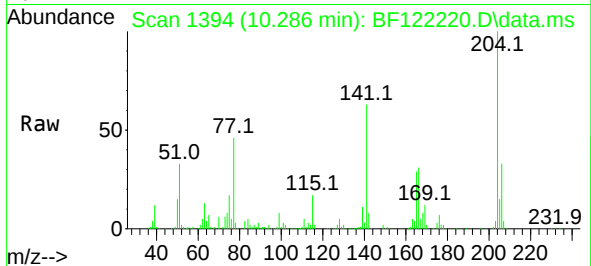




#61  
4-Chlorophenyl-phenylether  
Concen: 40.68 ng  
RT: 10.286 min Scan# 1394  
Delta R.T. -0.000 min  
Lab File: BF122220.D  
Acq: 2 Nov 2020 11:53

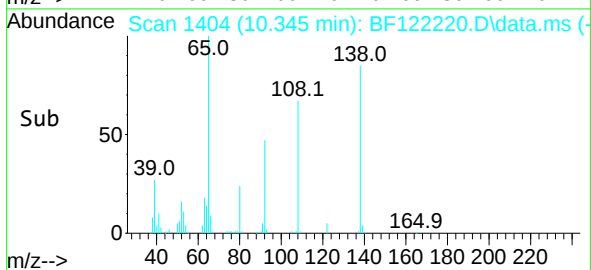
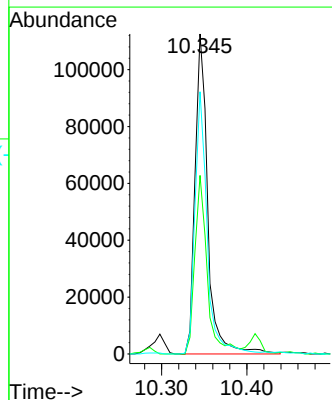
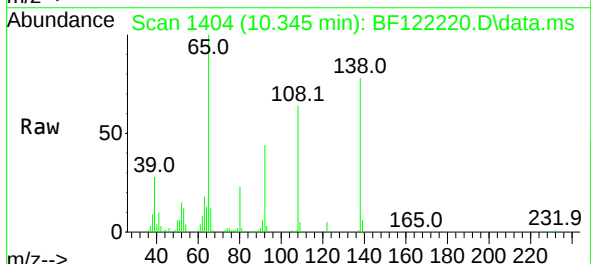
Instrument :  
BNA\_F  
ClientSampleId :  
PB132734BS

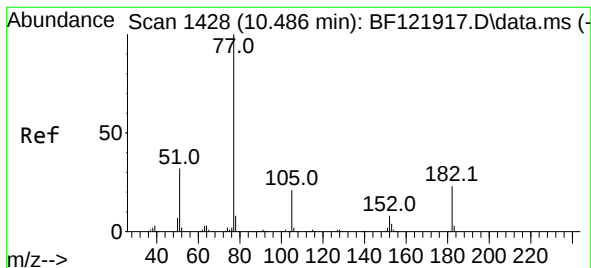
Tgt Ion:204 Resp: 242329  
Ion Ratio Lower Upper  
204 100  
206 33.2 26.0 39.0  
141 63.3 46.2 69.4



#62  
4-Nitroaniline  
Concen: 35.09 ng  
RT: 10.345 min Scan# 1404  
Delta R.T. 0.006 min  
Lab File: BF122220.D  
Acq: 2 Nov 2020 11:53

Tgt Ion:138 Resp: 116730  
Ion Ratio Lower Upper  
138 100  
92 55.8 31.0 71.0  
108 82.0 51.5 91.5





#63

Azobenzene

Concen: 40.65 ng

RT: 10.451 min Scan# 1422

Delta R.T. -0.000 min

Lab File: BF122220.D

Acq: 2 Nov 2020 11:53

Tgt Ion: 77 Resp: 553126

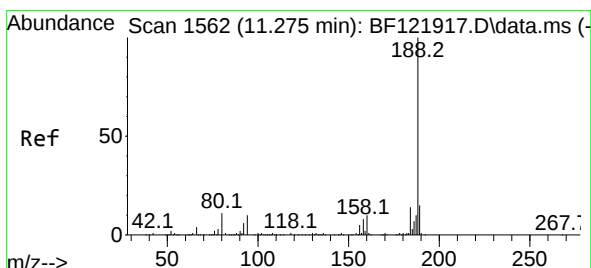
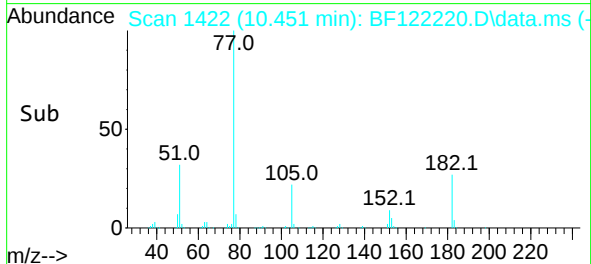
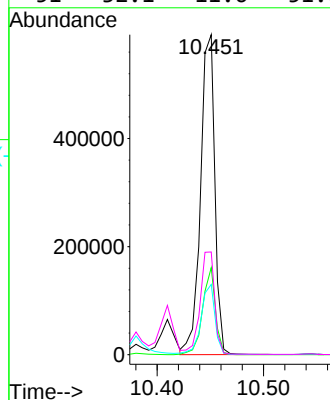
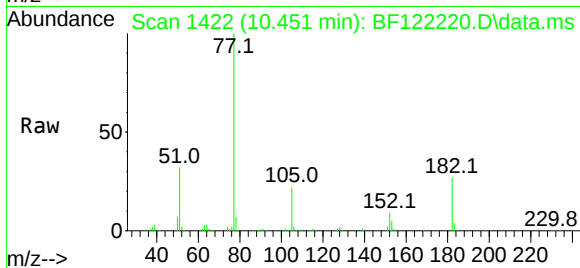
Ion Ratio Lower Upper

77 100

182 27.2 3.4 43.4

105 22.0 1.7 41.7

51 32.1 11.6 51.6



#64

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.233 min Scan# 1555

Delta R.T. -0.000 min

Lab File: BF122220.D

Acq: 2 Nov 2020 11:53

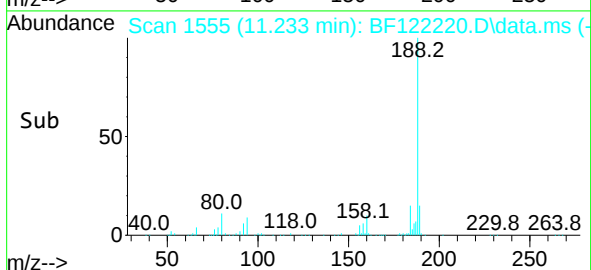
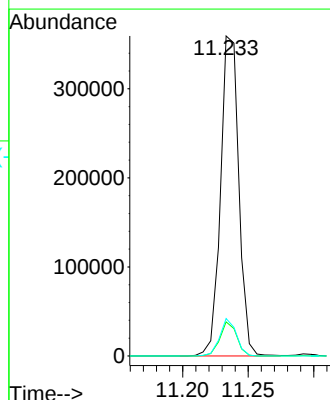
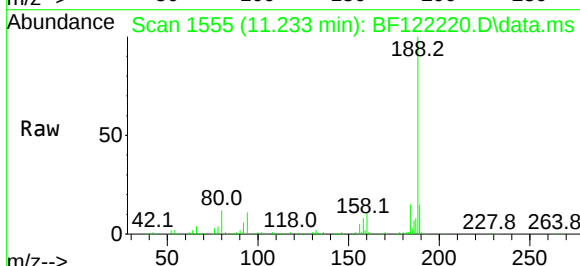
Tgt Ion: 188 Resp: 347149

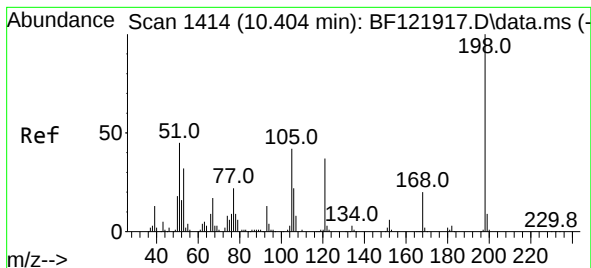
Ion Ratio Lower Upper

188 100

94 10.7 8.3 12.5

80 11.7 9.1 13.7

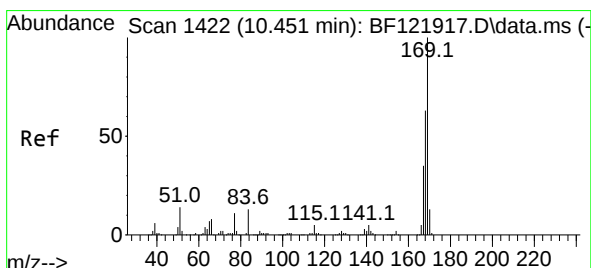
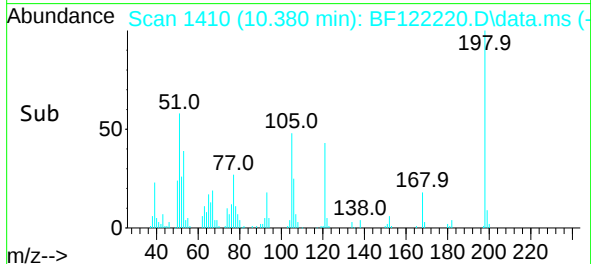
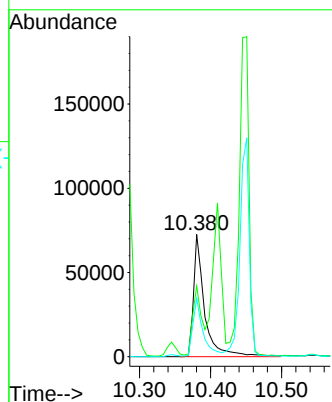
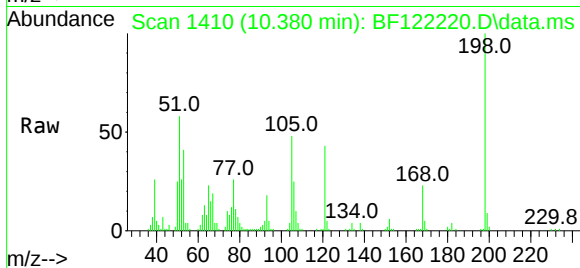




#65  
4,6-Dinitro-2-methylphenol  
Concen: 35.27 ng  
RT: 10.380 min Scan# 1410  
Delta R.T. 0.006 min  
Lab File: BF122220.D  
Acq: 2 Nov 2020 11:53

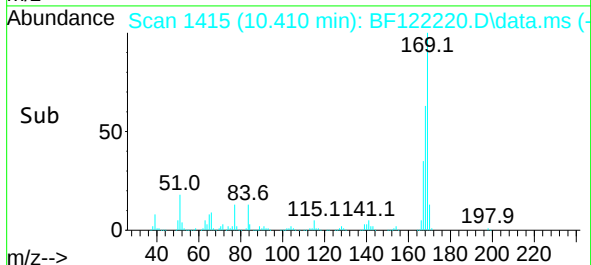
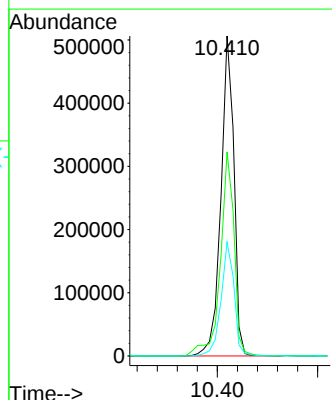
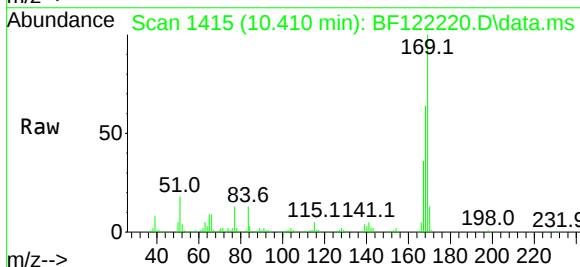
Instrument :  
BNA\_F  
ClientSampleId :  
PB132734BS

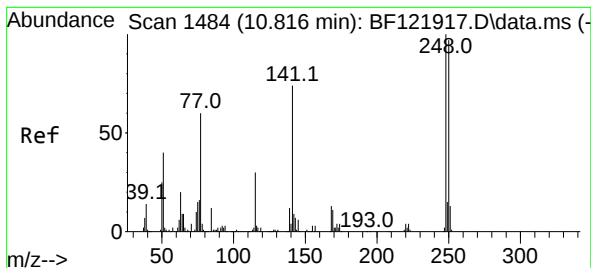
Tgt Ion:198 Resp: 79037  
Ion Ratio Lower Upper  
198 100  
51 57.8 29.6 69.6  
105 47.7 24.4 64.4



#66  
n-Nitrosodiphenylamine  
Concen: 38.11 ng  
RT: 10.410 min Scan# 1415  
Delta R.T. -0.000 min  
Lab File: BF122220.D  
Acq: 2 Nov 2020 11:53

Tgt Ion:169 Resp: 455748  
Ion Ratio Lower Upper  
169 100  
168 63.7 50.0 75.0  
167 35.6 27.8 41.6

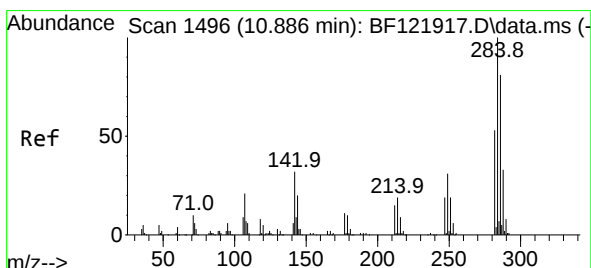
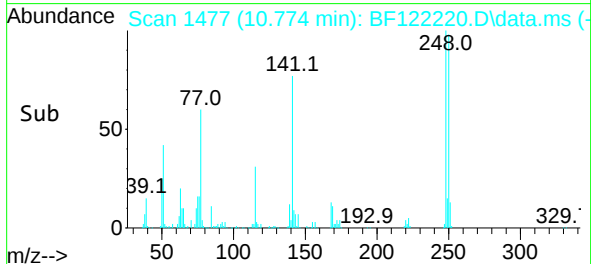
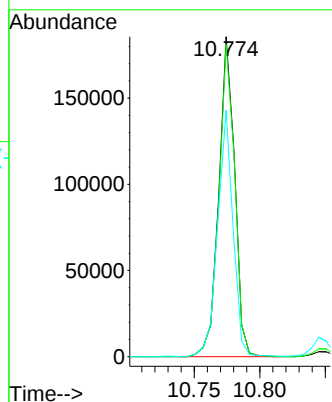
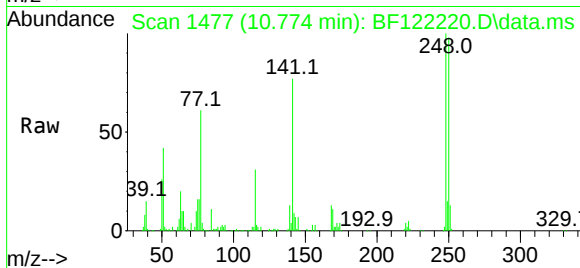




#67  
4-Bromophenyl-phenylether  
Concen: 38.96 ng  
RT: 10.774 min Scan# 1477  
Delta R.T. -0.000 min  
Lab File: BF122220.D  
Acq: 2 Nov 2020 11:53

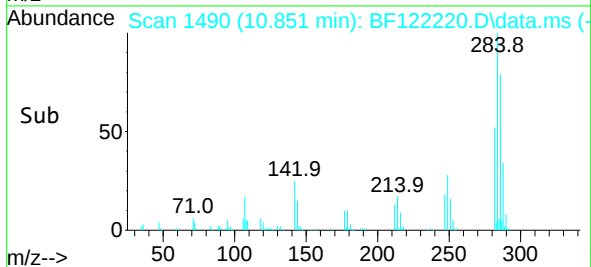
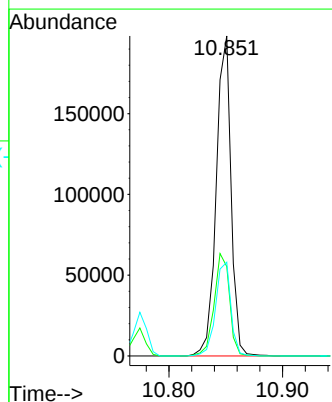
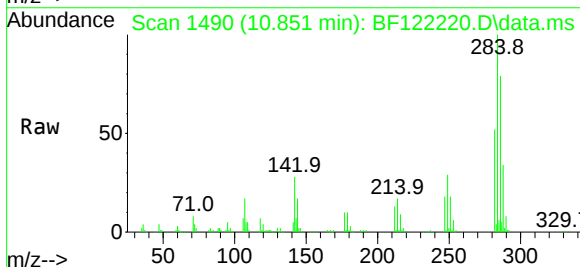
Instrument :  
BNA\_F  
ClientSampleId :  
PB132734BS

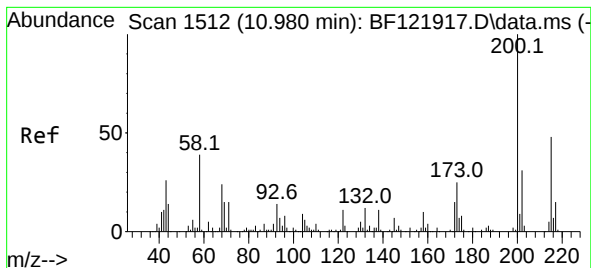
Tgt Ion:248 Resp: 156274  
Ion Ratio Lower Upper  
248 100  
250 97.6 77.0 115.6  
141 77.0 53.7 80.5



#68  
Hexachlorobenzene  
Concen: 39.52 ng  
RT: 10.851 min Scan# 1490  
Delta R.T. -0.000 min  
Lab File: BF122220.D  
Acq: 2 Nov 2020 11:53

Tgt Ion:284 Resp: 179392  
Ion Ratio Lower Upper  
284 100  
142 27.9 27.4 41.2  
249 29.3 24.2 36.4





#69

Atrazine

Concen: 43.09 ng

RT: 10.945 min Scan# 1506

Delta R.T. 0.006 min

Lab File: BF122220.D

Acq: 2 Nov 2020 11:53

Tgt Ion:200 Resp: 125990

Ion Ratio Lower Upper

200 100

173 25.3 7.5 47.5

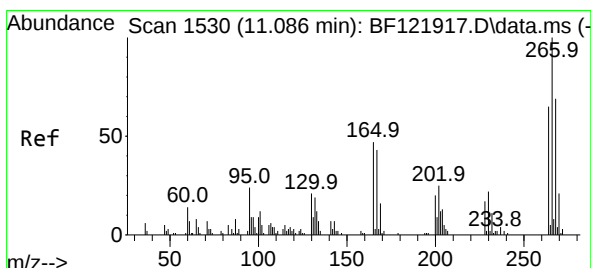
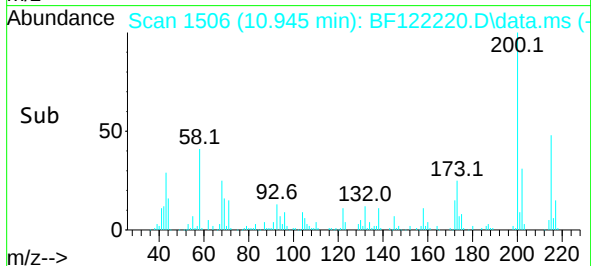
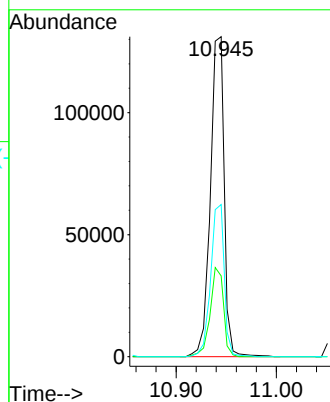
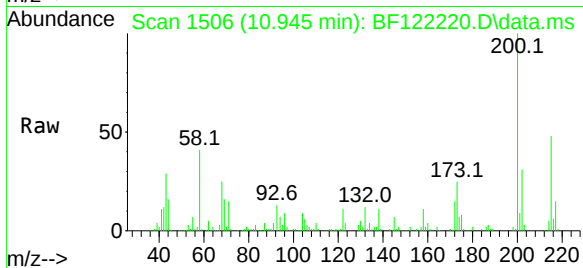
215 47.5 27.1 67.1

Instrument :

BNA\_F

ClientSampleId :

PB132734BS



#70

Pentachlorophenol

Concen: 64.72 ng

RT: 11.057 min Scan# 1525

Delta R.T. -0.000 min

Lab File: BF122220.D

Acq: 2 Nov 2020 11:53

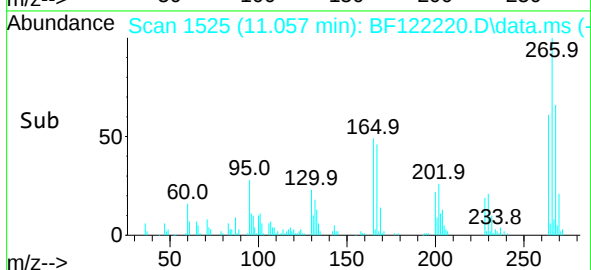
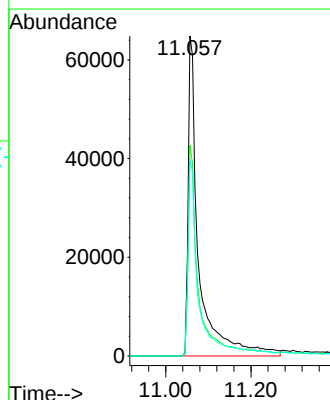
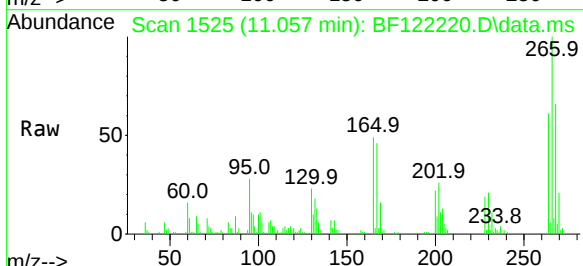
Tgt Ion:266 Resp: 112506

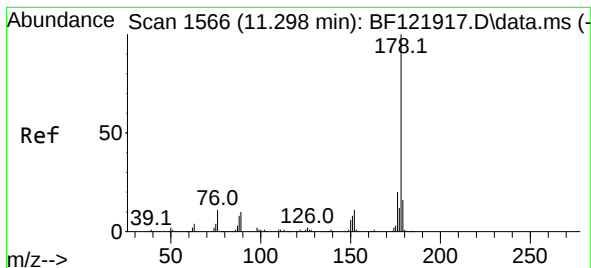
Ion Ratio Lower Upper

266 100

268 65.9 52.4 78.6

264 61.1 49.9 74.9

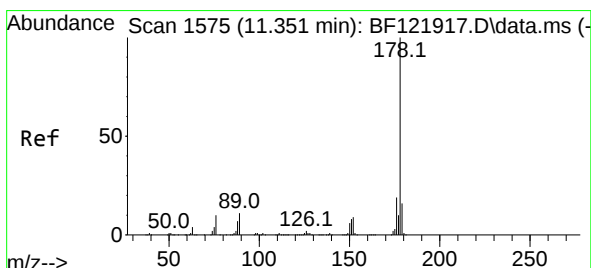
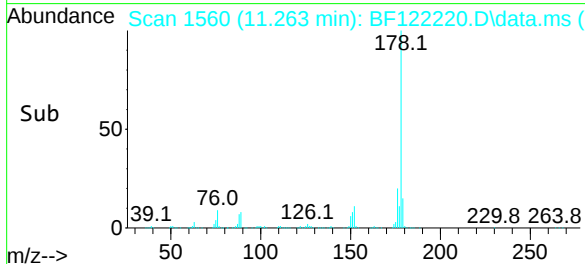
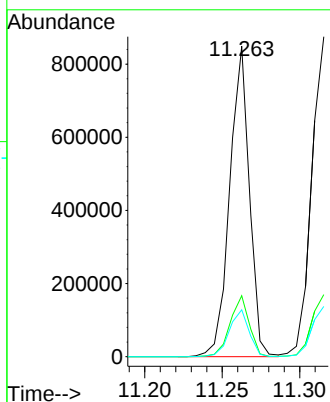
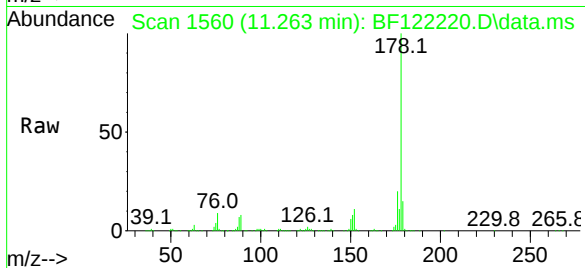




#71  
Phenanthrene  
Concen: 39.36 ng  
RT: 11.263 min Scan# 1560  
Delta R.T. -0.000 min  
Lab File: BF122220.D  
Acq: 2 Nov 2020 11:53

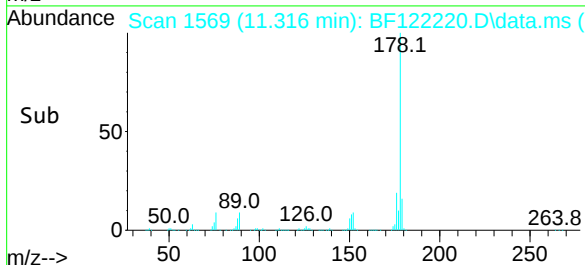
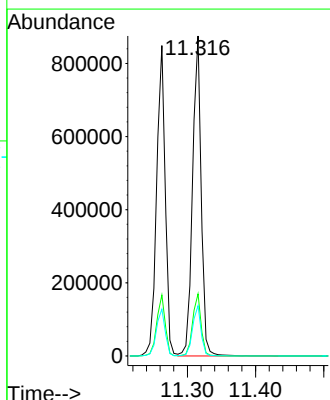
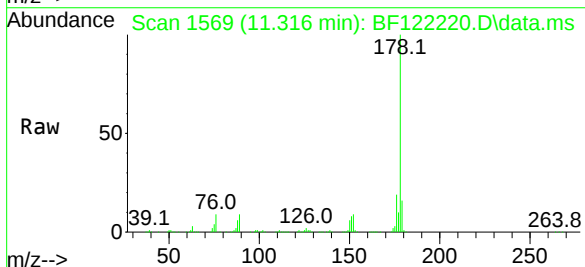
Instrument :  
BNA\_F  
ClientSampleId :  
PB132734BS

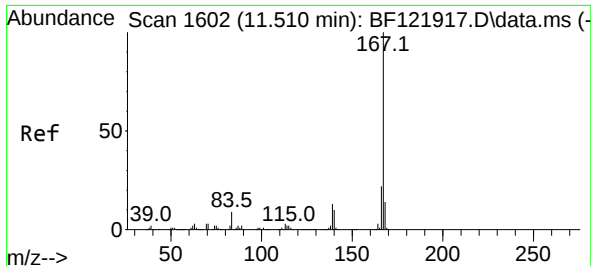
Tgt Ion:178 Resp: 749111  
Ion Ratio Lower Upper  
178 100  
176 19.6 15.9 23.9  
179 15.1 12.2 18.4



#72  
Anthracene  
Concen: 38.84 ng  
RT: 11.316 min Scan# 1569  
Delta R.T. -0.000 min  
Lab File: BF122220.D  
Acq: 2 Nov 2020 11:53

Tgt Ion:178 Resp: 766798  
Ion Ratio Lower Upper  
178 100  
176 19.4 15.7 23.5  
179 15.7 12.7 19.1

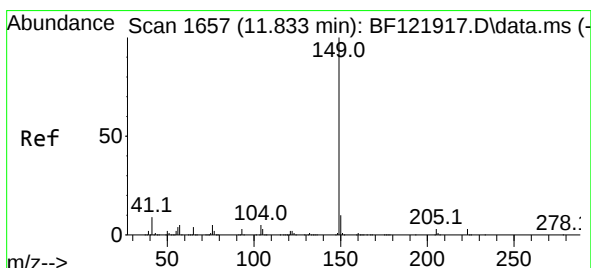
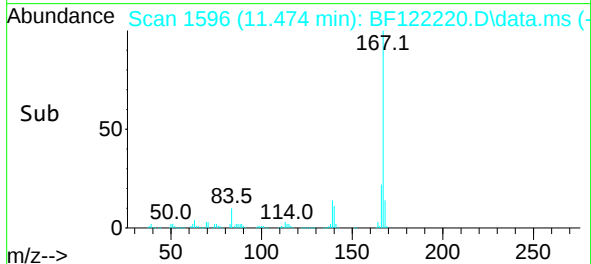
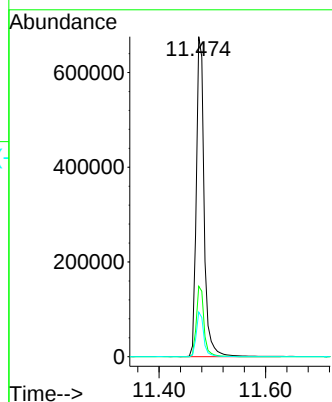
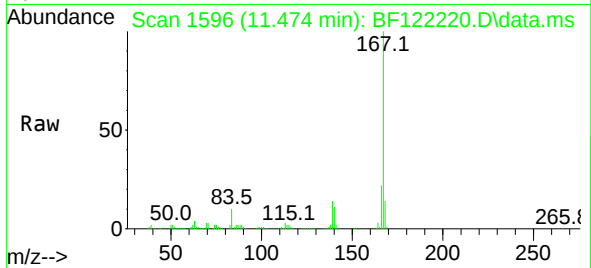




#73  
 Carbazole  
 Concen: 39.31 ng  
 RT: 11.474 min Scan# 1596  
 Delta R.T. -0.000 min  
 Lab File: BF122220.D  
 Acq: 2 Nov 2020 11:53

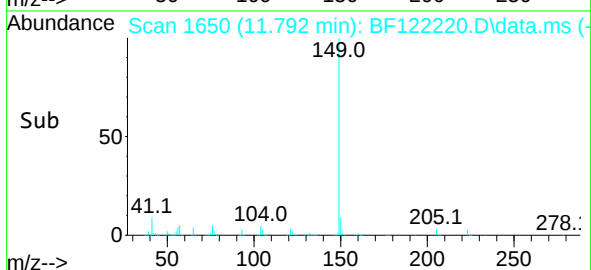
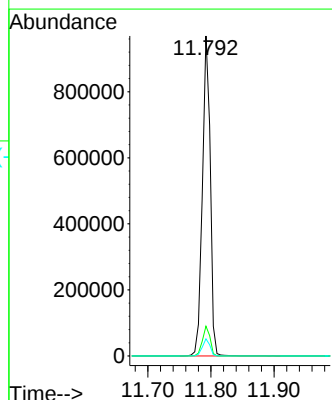
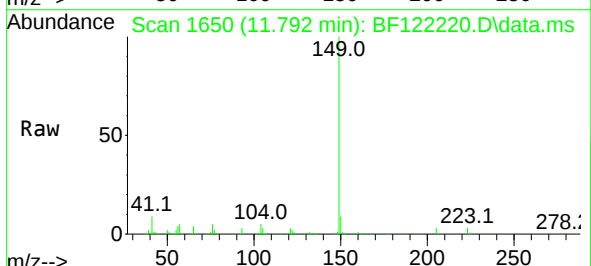
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB132734BS

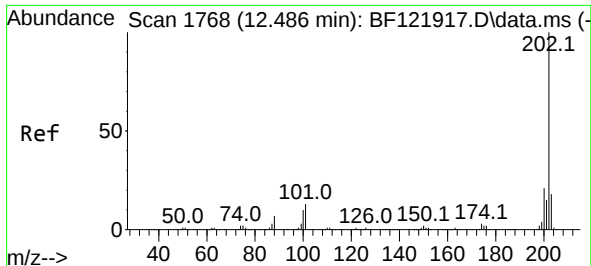
Tgt Ion:167 Resp: 690063  
 Ion Ratio Lower Upper  
 167 100  
 166 22.0 17.8 26.6  
 139 14.0 10.8 16.2



#74  
 Di-n-butylphthalate  
 Concen: 41.27 ng  
 RT: 11.792 min Scan# 1650  
 Delta R.T. -0.000 min  
 Lab File: BF122220.D  
 Acq: 2 Nov 2020 11:53

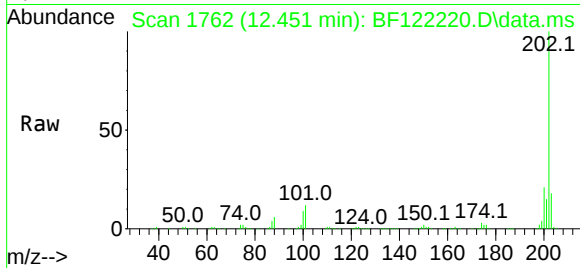
Tgt Ion:149 Resp: 833470  
 Ion Ratio Lower Upper  
 149 100  
 150 9.3 7.7 11.5  
 104 5.4 4.2 6.2



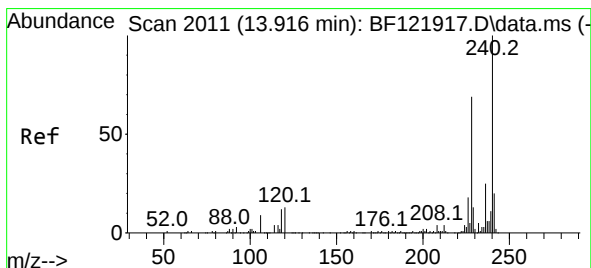
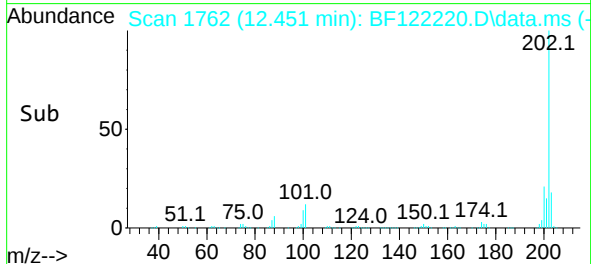
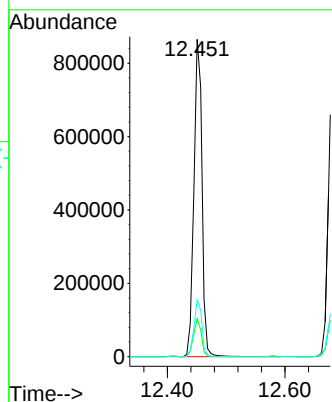


#75  
Fluoranthene  
Concen: 40.52 ng  
RT: 12.451 min Scan# 1762  
Delta R.T. -0.000 min  
Lab File: BF122220.D  
Acq: 2 Nov 2020 11:53

Instrument :  
BNA\_F  
ClientSampleId :  
PB132734BS

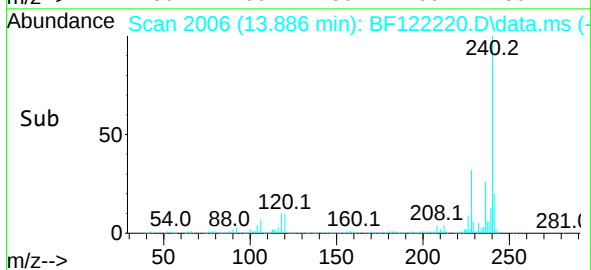
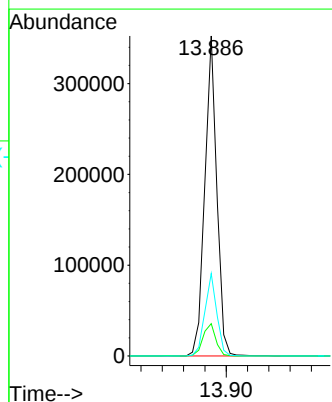
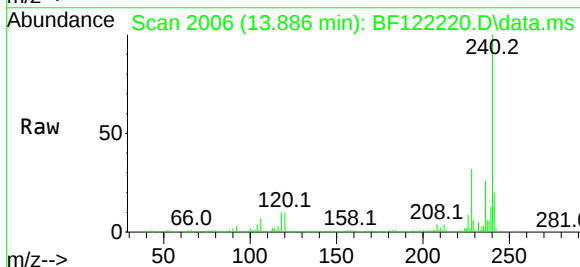


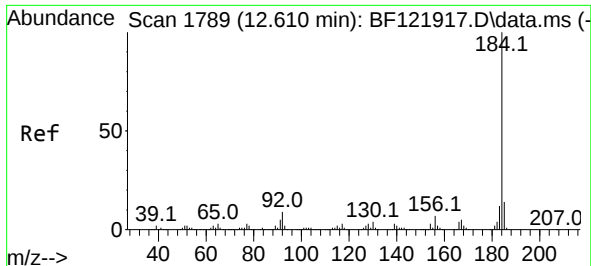
Tgt Ion:202 Resp: 827049  
Ion Ratio Lower Upper  
202 100  
101 12.0 0.0 33.4  
203 17.9 0.0 37.9



#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 13.886 min Scan# 2006  
Delta R.T. 0.006 min  
Lab File: BF122220.D  
Acq: 2 Nov 2020 11:53

Tgt Ion:240 Resp: 276307  
Ion Ratio Lower Upper  
240 100  
120 10.1 9.2 13.8  
236 25.8 20.9 31.3

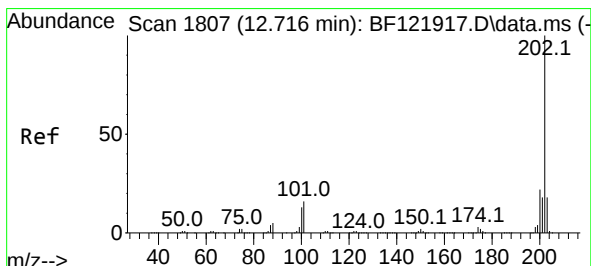
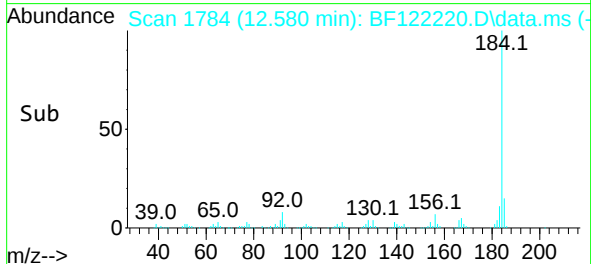
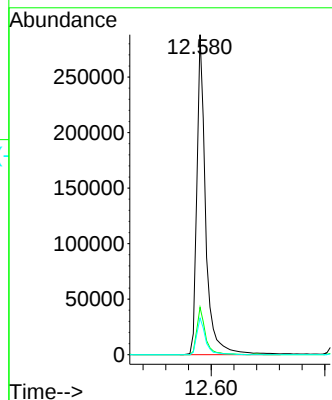
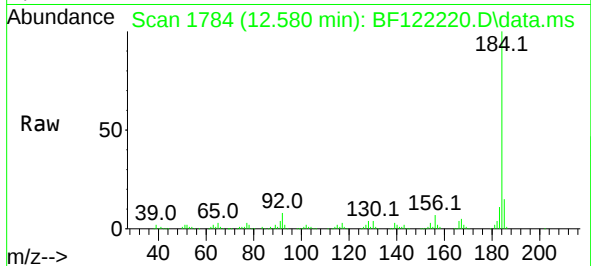




#77  
Benzidine  
Concen: 36.80 ng  
RT: 12.580 min Scan# 1784  
Delta R.T. 0.006 min  
Lab File: BF122220.D  
Acq: 2 Nov 2020 11:53

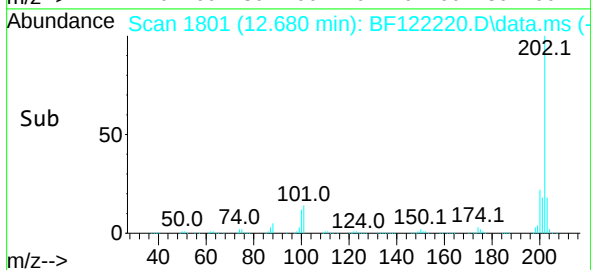
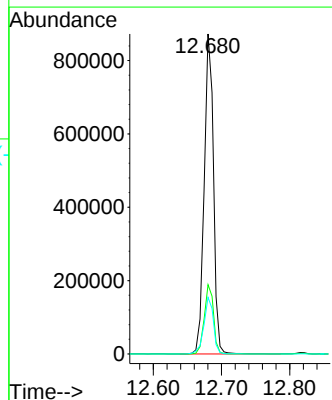
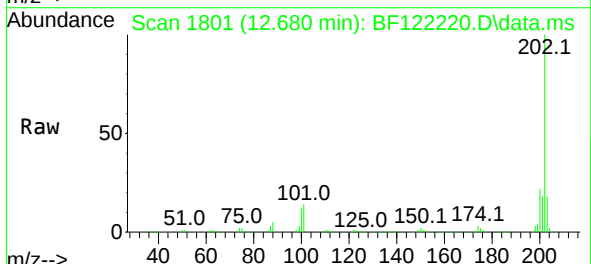
Instrument :  
BNA\_F  
ClientSampleId :  
PB132734BS

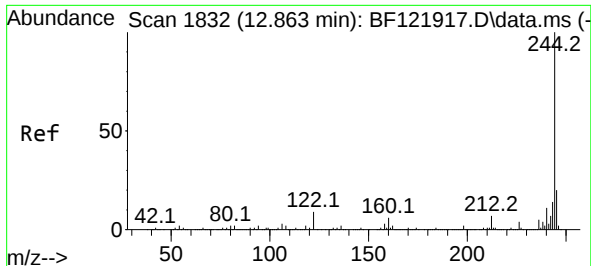
Tgt Ion:184 Resp: 313457  
Ion Ratio Lower Upper  
184 100  
185 14.8 11.6 17.4  
183 11.4 9.4 14.0



#78  
Pyrene  
Concen: 39.17 ng  
RT: 12.680 min Scan# 1801  
Delta R.T. -0.000 min  
Lab File: BF122220.D  
Acq: 2 Nov 2020 11:53

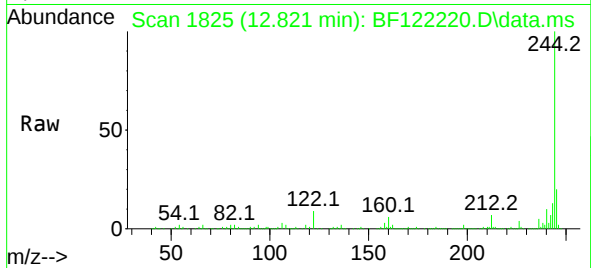
Tgt Ion:202 Resp: 824827  
Ion Ratio Lower Upper  
202 100  
200 21.6 17.4 26.2  
203 17.7 14.6 21.8



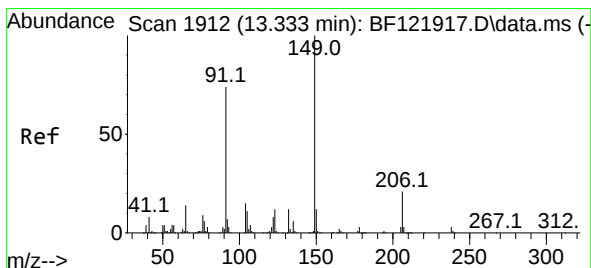
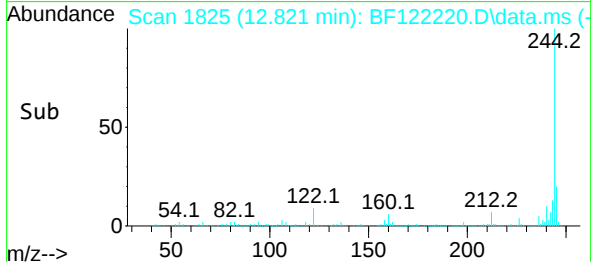
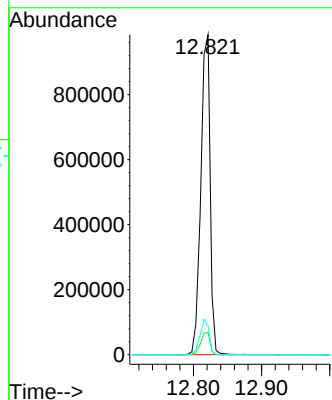


#79  
 Terphenyl-d14  
 Concen: 64.43 ng  
 RT: 12.821 min Scan# 1825  
 Delta R.T. 0.006 min  
 Lab File: BF122220.D  
 Acq: 2 Nov 2020 11:53

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB132734BS

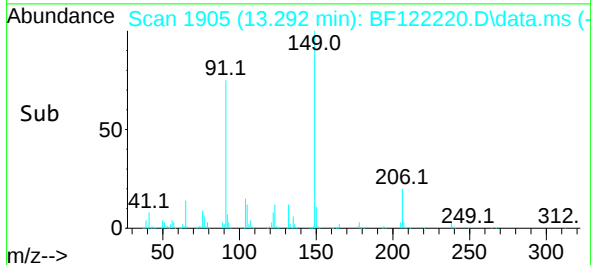
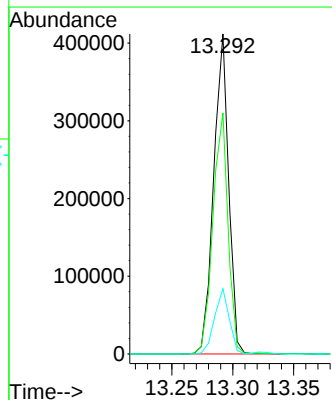
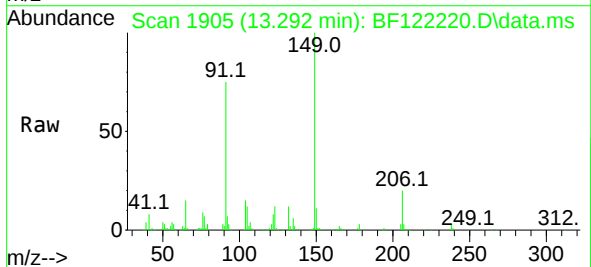


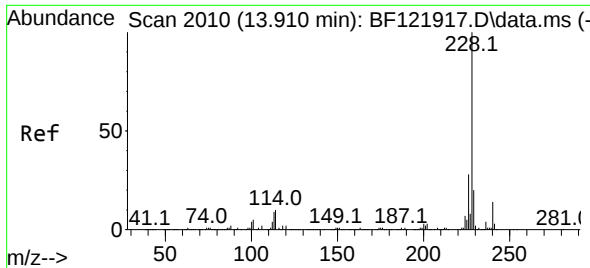
Tgt Ion:244 Resp: 934068  
 Ion Ratio Lower Upper  
 244 100  
 212 7.0 5.4 8.2  
 122 9.1 8.1 12.1



#80  
 Butylbenzylphthalate  
 Concen: 42.17 ng  
 RT: 13.292 min Scan# 1905  
 Delta R.T. -0.000 min  
 Lab File: BF122220.D  
 Acq: 2 Nov 2020 11:53

Tgt Ion:149 Resp: 352147  
 Ion Ratio Lower Upper  
 149 100  
 91 75.3 61.0 91.4  
 206 20.4 16.7 25.1

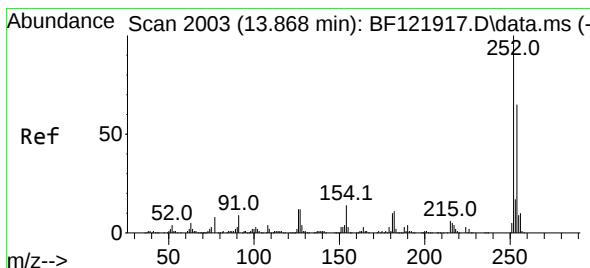
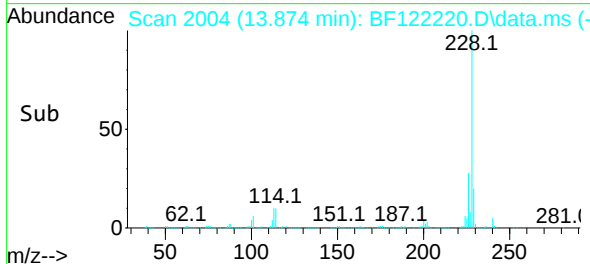
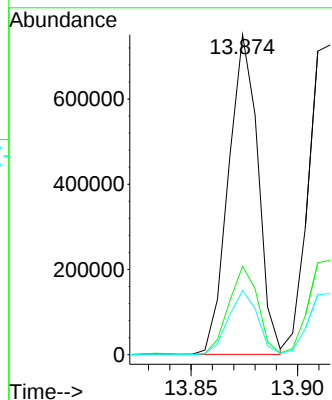
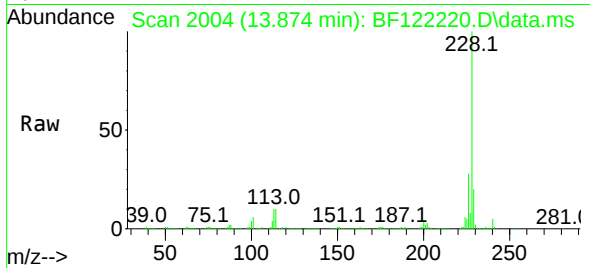




#81  
Benzo(a)anthracene  
Concen: 39.83 ng  
RT: 13.874 min Scan# 2004  
Delta R.T. 0.006 min  
Lab File: BF122220.D  
Acq: 2 Nov 2020 11:53

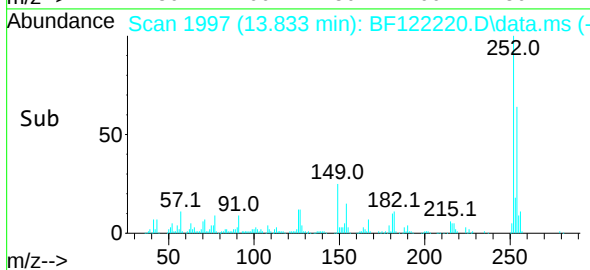
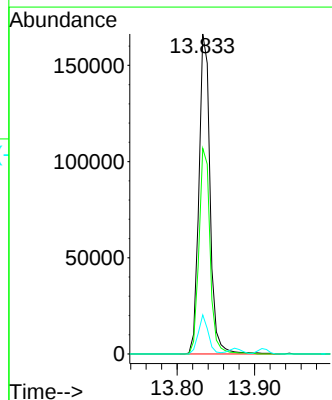
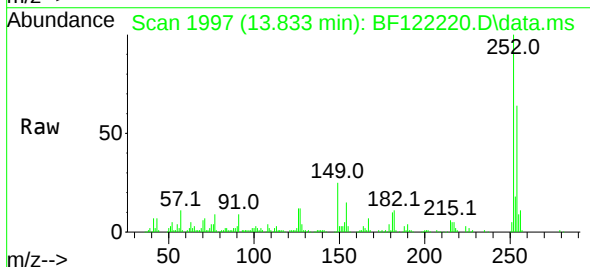
Instrument :  
BNA\_F  
ClientSampleId :  
PB132734BS

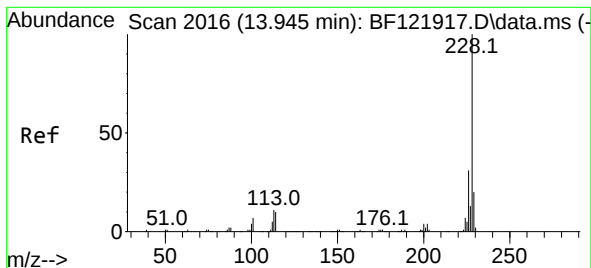
Tgt Ion:228 Resp: 721238  
Ion Ratio Lower Upper  
228 100  
226 27.6 22.3 33.5  
229 20.1 16.2 24.4



#82  
3,3'-Dichlorobenzidine  
Concen: 24.64 ng  
RT: 13.833 min Scan# 1997  
Delta R.T. 0.006 min  
Lab File: BF122220.D  
Acq: 2 Nov 2020 11:53

Tgt Ion:252 Resp: 165523  
Ion Ratio Lower Upper  
252 100  
254 64.2 51.8 77.6  
126 12.2 8.8 13.2





#83

Chrysene

Concen: 39.97 ng

RT: 13.915 min Scan# 2011

Delta R.T. 0.012 min

Lab File: BF122220.D

Acq: 2 Nov 2020 11:53

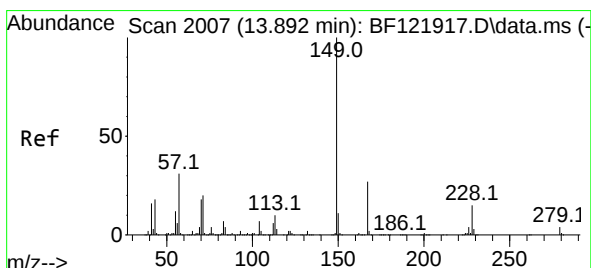
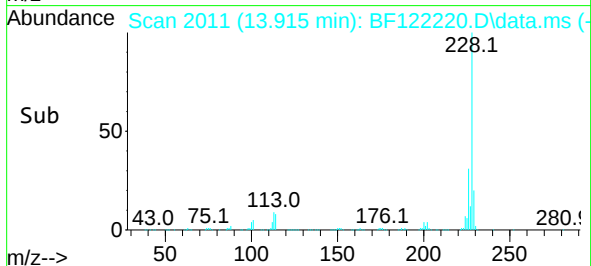
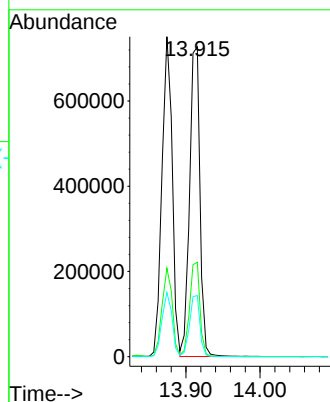
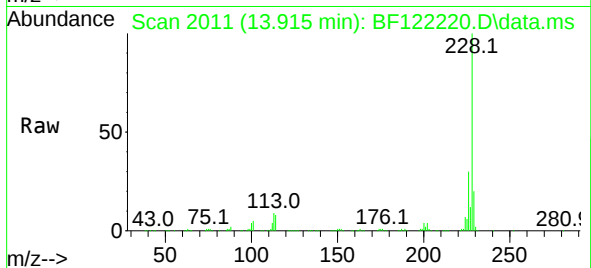
Tgt Ion:228 Resp: 710497

Ion Ratio Lower Upper

228 100

226 30.5 24.6 37.0

229 19.7 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.15 ng

RT: 13.845 min Scan# 1999

Delta R.T. -0.000 min

Lab File: BF122220.D

Acq: 2 Nov 2020 11:53

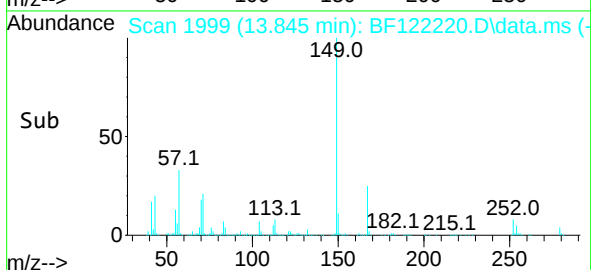
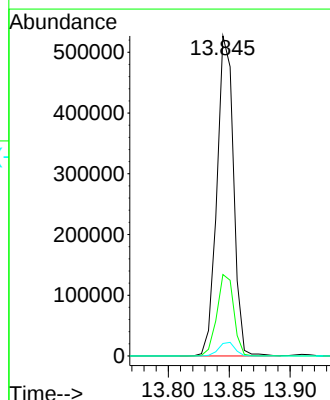
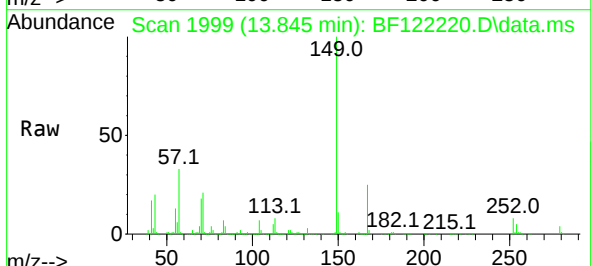
Tgt Ion:149 Resp: 500513

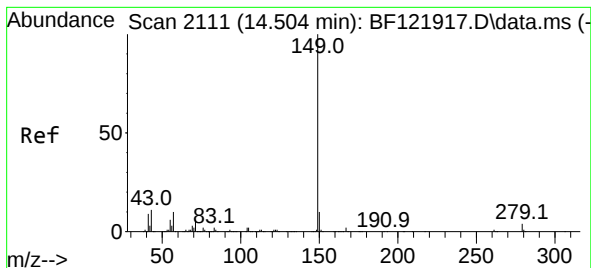
Ion Ratio Lower Upper

149 100

167 25.5 20.9 31.3

279 3.9 3.2 4.8

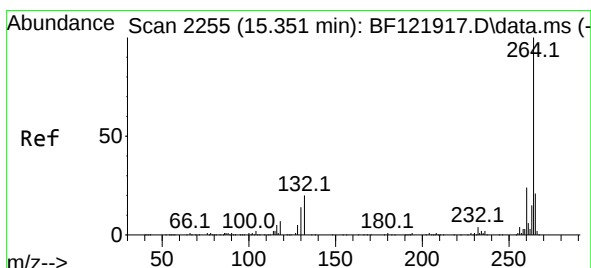
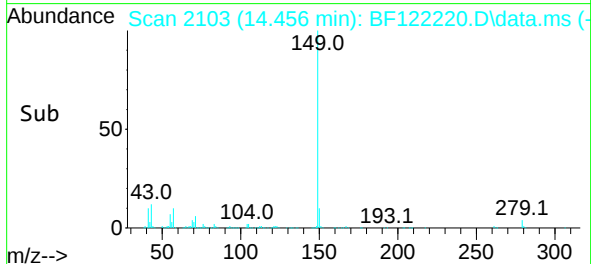
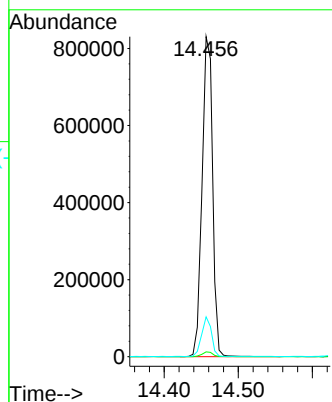
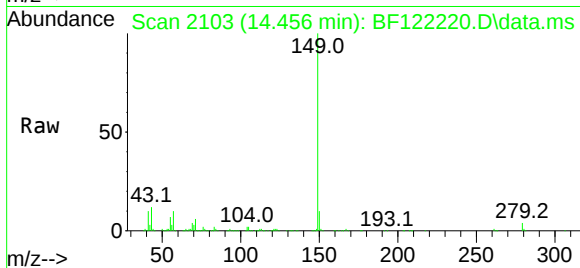




#85  
Di-n-octyl phthalate  
Concen: 44.68 ng  
RT: 14.456 min Scan# 2103  
Delta R.T. -0.000 min  
Lab File: BF122220.D  
Acq: 2 Nov 2020 11:53

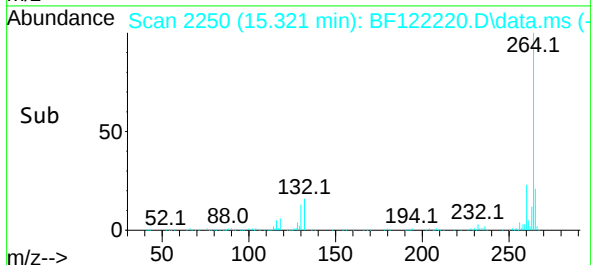
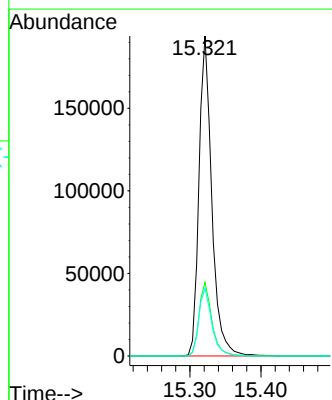
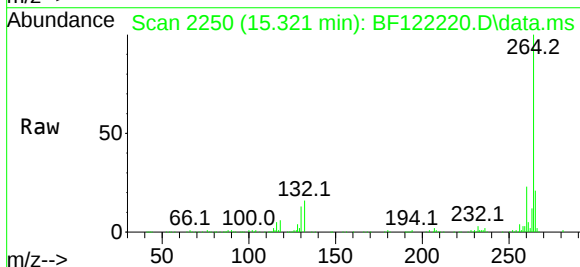
Instrument :  
BNA\_F  
ClientSampleId :  
PB132734BS

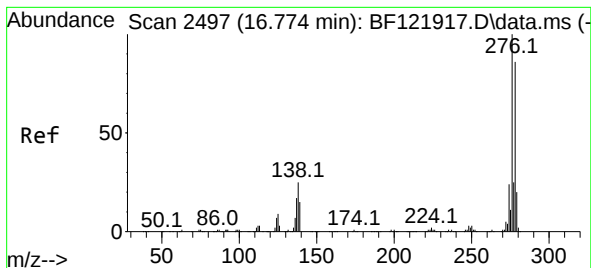
Tgt Ion:149 Resp: 819323  
Ion Ratio Lower Upper  
149 100  
167 1.5 1.2 1.8  
43 11.7 9.0 13.6



#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 15.321 min Scan# 2250  
Delta R.T. 0.017 min  
Lab File: BF122220.D  
Acq: 2 Nov 2020 11:53

Tgt Ion:264 Resp: 243493  
Ion Ratio Lower Upper  
264 100  
260 23.0 18.7 28.1  
265 21.1 17.3 25.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 37.87 ng

RT: 16.745 min Scan# 2492

Delta R.T. 0.029 min

Lab File: BF122220.D

Acq: 2 Nov 2020 11:53

Tgt Ion:276 Resp: 598764

Ion Ratio Lower Upper

276 100

138 22.9 19.9 29.9

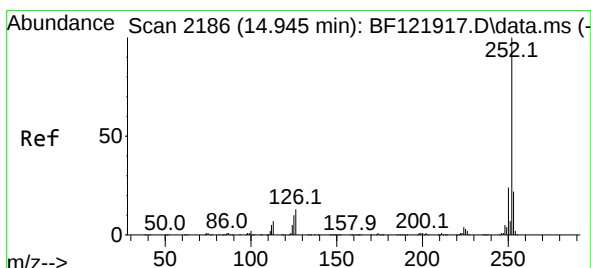
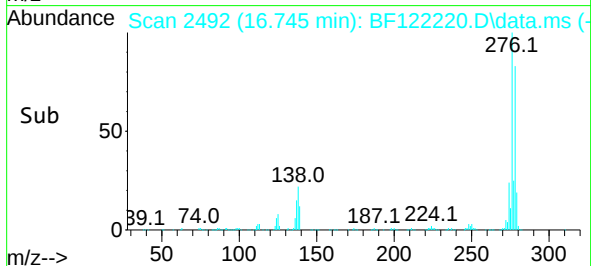
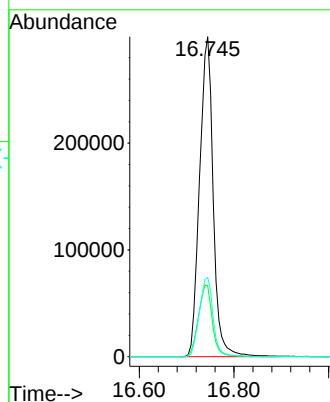
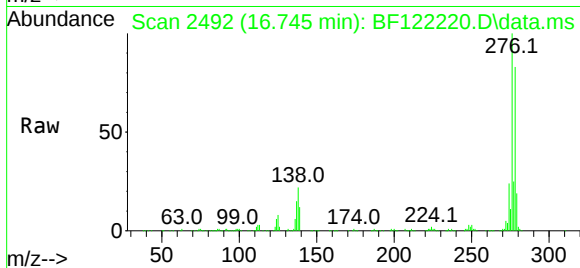
277 25.1 20.4 30.6

Instrument :

BNA\_F

ClientSampleId :

PB132734BS



#88

Benzo(b)fluoranthene

Concen: 41.92 ng

RT: 14.915 min Scan# 2181

Delta R.T. 0.017 min

Lab File: BF122220.D

Acq: 2 Nov 2020 11:53

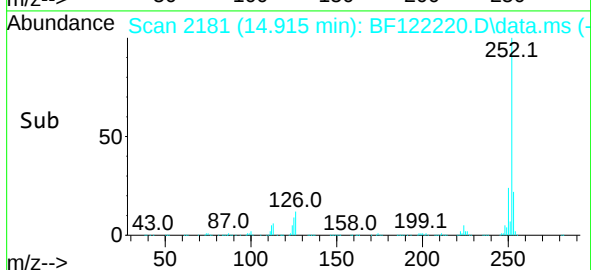
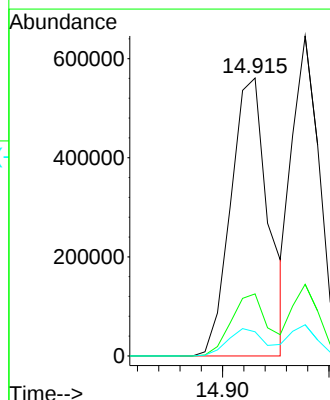
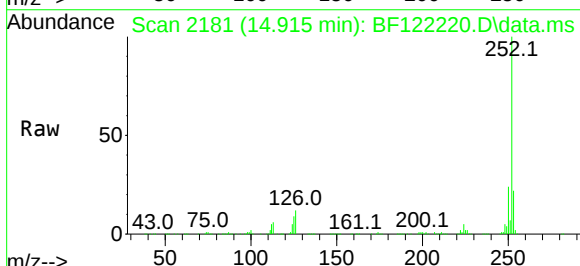
Tgt Ion:252 Resp: 689966

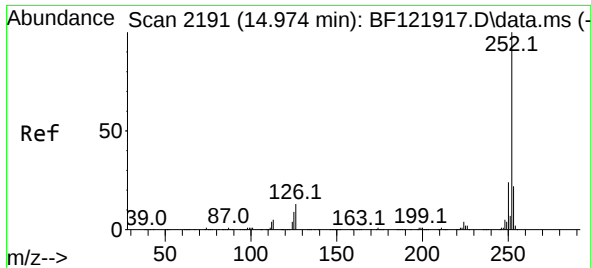
Ion Ratio Lower Upper

252 100

253 22.4 18.2 27.2

125 8.7 8.0 12.0

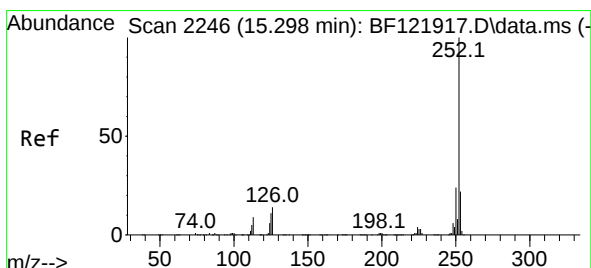
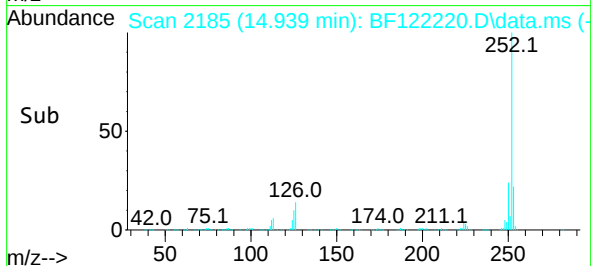
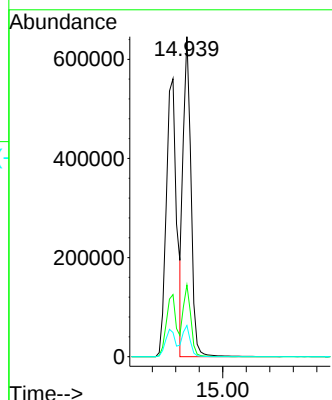
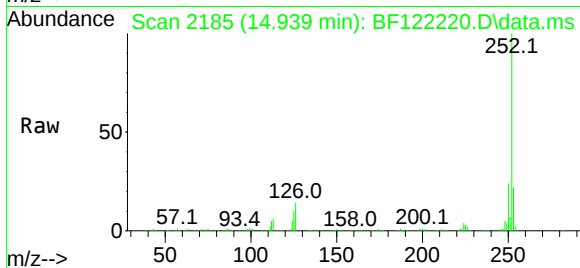




#89  
Benzo(k)fluoranthene  
Concen: 38.11 ng  
RT: 14.939 min Scan# 2185  
Delta R.T. 0.012 min  
Lab File: BF122220.D  
Acq: 2 Nov 2020 11:53

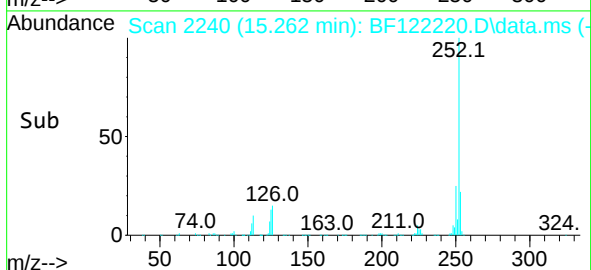
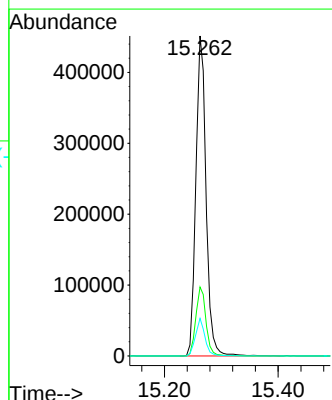
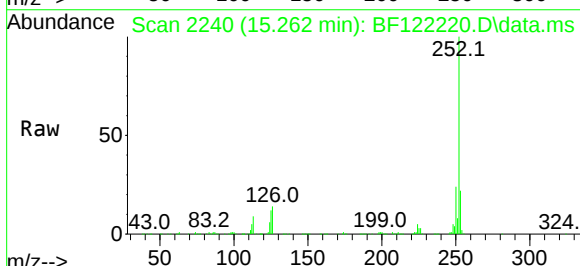
Instrument :  
BNA\_F  
ClientSampleId :  
PB132734BS

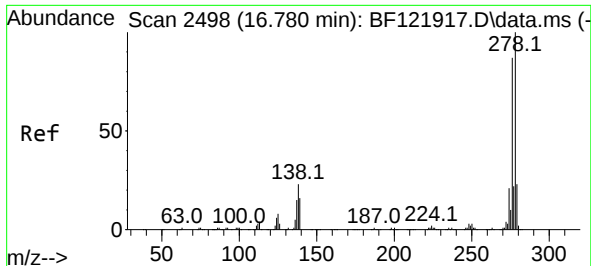
Tgt Ion:252 Resp: 595783  
Ion Ratio Lower Upper  
252 100  
253 22.4 17.8 26.6  
125 9.8 7.7 11.5



#90  
Benzo(a)pyrene  
Concen: 39.85 ng  
RT: 15.262 min Scan# 2240  
Delta R.T. 0.012 min  
Lab File: BF122220.D  
Acq: 2 Nov 2020 11:53

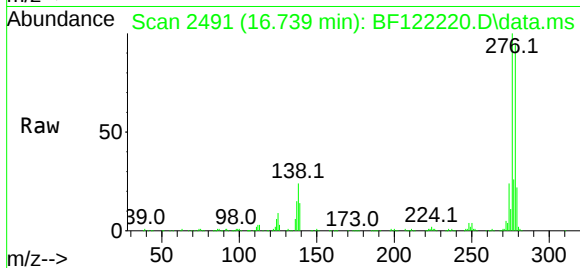
Tgt Ion:252 Resp: 566464  
Ion Ratio Lower Upper  
252 100  
253 21.5 17.3 25.9  
125 11.8 8.6 13.0



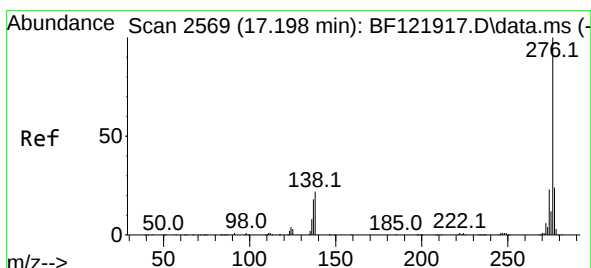
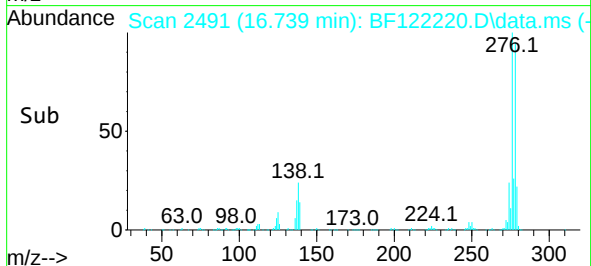
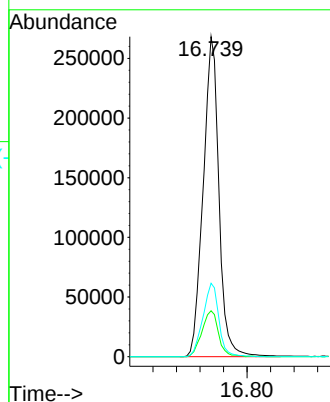


#91  
Dibenzo(a,h)anthracene  
Concen: 38.38 ng  
RT: 16.739 min Scan# 2491  
Delta R.T. 0.023 min  
Lab File: BF122220.D  
Acq: 2 Nov 2020 11:53

Instrument :  
BNA\_F  
ClientSampleId :  
PB132734BS



Tgt Ion:278 Resp: 499669  
Ion Ratio Lower Upper  
278 100  
139 14.4 13.0 19.4  
279 22.9 19.0 28.4



#92  
Benzo(g,h,i)perylene  
Concen: 38.30 ng  
RT: 17.162 min Scan# 2563  
Delta R.T. 0.029 min  
Lab File: BF122220.D  
Acq: 2 Nov 2020 11:53

Tgt Ion:276 Resp: 498963  
Ion Ratio Lower Upper  
276 100  
277 23.6 19.4 29.2  
138 20.6 17.8 26.6

