

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042519\  
 Data File : BF113996.D  
 Acq On : 25 Apr 2019 23:31  
 Operator : JU/SJ  
 Sample : K2522-07MSD  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :

Quant Time: Apr 26 04:02:57 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF042219.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Apr 23 03:32:35 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.90  | 152  | 108095   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.18  | 136  | 415466   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 9.93  | 164  | 226122   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 11.42 | 188  | 478721   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 14.06 | 240  | 419812   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 15.54 | 264  | 404585   | 20.00 | ng    | -0.02    |

## System Monitoring Compounds

|                          |       |     |         |        |    |      |
|--------------------------|-------|-----|---------|--------|----|------|
| 5) 2-Fluorophenol        | 5.52  | 112 | 662282  | 104.79 | ng | 0.00 |
| 7) Phenol-d6             | 6.53  | 99  | 879827  | 110.96 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 7.46  | 82  | 529374  | 78.67  | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.72 | 330 | 330563  | 120.00 | ng | 0.00 |
| 45) 2-Fluorobiphenyl     | 9.25  | 172 | 1061255 | 73.40  | ng | 0.00 |
| 79) Terphenyl-d14        | 13.00 | 244 | 1452797 | 70.95  | ng | 0.00 |

## Target Compounds

|                                |      |     |        |        |    | Qvalue |
|--------------------------------|------|-----|--------|--------|----|--------|
| 2) 1,4-Dioxane                 | 2.69 | 88  | 88491  | 29.703 | ng | 97     |
| 3) Pyridine                    | 3.45 | 79  | 233137 | 28.669 | ng | 97     |
| 4) n-Nitrosodimethylamine      | 3.39 | 42  | 90380  | 32.468 | ng | 93     |
| 6) Aniline                     | 6.56 | 93  | 258288 | 23.722 | ng | 99     |
| 8) 2-Chlorophenol              | 6.68 | 128 | 261926 | 36.300 | ng | 99     |
| 9) Benzaldehyde                | 6.44 | 77  | 64939  | 9.862  | ng | 96     |
| 10) Phenol                     | 6.54 | 94  | 335513 | 35.386 | ng | 97     |
| 11) bis(2-Chloroethyl)ether    | 6.63 | 93  | 253189 | 35.486 | ng | 97     |
| 12) 1,3-Dichlorobenzene        | 6.84 | 146 | 283243 | 34.660 | ng | 97     |
| 13) 1,4-Dichlorobenzene        | 6.92 | 146 | 290207 | 35.307 | ng | 99     |
| 14) 1,2-Dichlorobenzene        | 7.07 | 146 | 276629 | 36.620 | ng | 99     |
| 15) Benzyl Alcohol             | 7.03 | 79  | 213800 | 40.035 | ng | 97     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.17 | 45  | 280622 | 33.692 | ng | 92     |
| 17) 2-Methylphenol             | 7.15 | 107 | 230162 | 36.390 | ng | 98     |
| 18) Hexachloroethane           | 7.41 | 117 | 98401  | 34.151 | ng | 96     |
| 19) n-Nitroso-di-n-propylamine | 7.30 | 70  | 185201 | 36.067 | ng | 98     |
| 20) 3+4-Methylphenols          | 7.30 | 107 | 277389 | 38.817 | ng | # 71   |
| 22) Acetophenone               | 7.30 | 105 | 365882 | 39.574 | ng | # 92   |
| 24) Nitrobenzene               | 7.47 | 77  | 283809 | 38.172 | ng | 97     |
| 25) Isophorone                 | 7.72 | 82  | 508342 | 36.921 | ng | 98     |
| 26) 2-Nitrophenol              | 7.79 | 139 | 142250 | 41.938 | ng | 99     |
| 27) 2,4-Dimethylphenol         | 7.83 | 122 | 226951 | 41.067 | ng | 99     |
| 28) bis(2-Chloroethoxy)methane | 7.92 | 93  | 318232 | 36.272 | ng | 99     |
| 29) 2,4-Dichlorophenol         | 8.03 | 162 | 243569 | 38.542 | ng | 98     |
| 30) 1,2,4-Trichlorobenzene     | 8.12 | 180 | 261276 | 37.079 | ng | 98     |
| 31) Naphthalene                | 8.20 | 128 | 764166 | 38.718 | ng | 99     |
| 32) Benzoic acid               | 7.92 | 122 | 64498  | 17.282 | ng | 98     |
| 33) 4-Chloroaniline            | 8.24 | 127 | 167798 | 20.092 | ng | 99     |
| 34) Hexachlorobutadiene        | 8.32 | 225 | 154411 | 35.152 | ng | 97     |
| 35) Caprolactam                | 8.60 | 113 | 58170  | 28.936 | ng | 95     |
| 36) 4-Chloro-3-methylphenol    | 8.73 | 107 | 246387 | 39.353 | ng | 99     |
| 37) 2-Methylnaphthalene        | 8.89 | 142 | 521548 | 39.187 | ng | 99     |
| 38) 1-Methylnaphthalene        | 8.99 | 142 | 496363 | 38.640 | ng | 98     |
| 40) 1,2,4,5-Tetrachlorobenzene | 9.06 | 216 | 270205 | 36.787 | ng | 99     |

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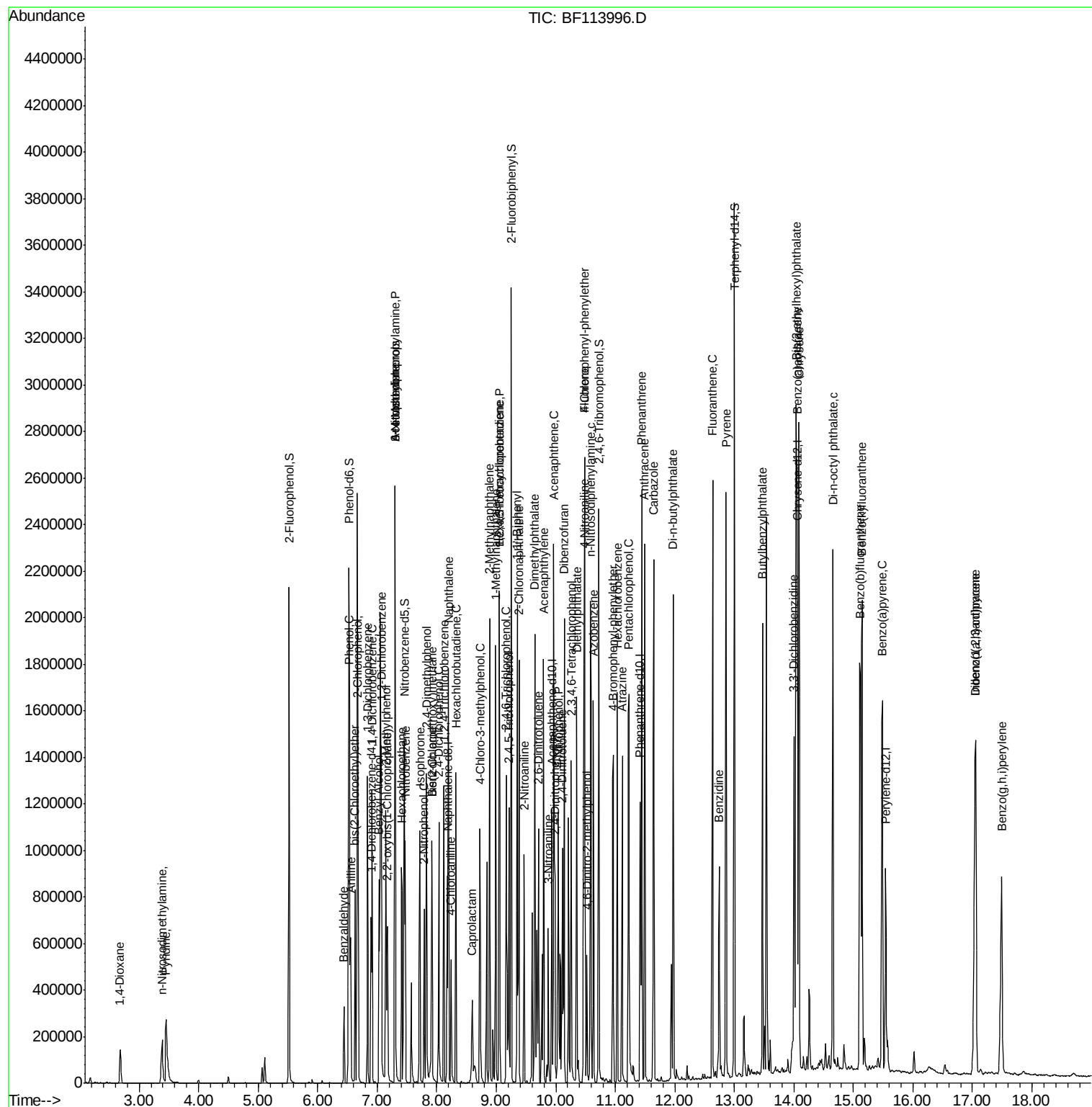
| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 9.05  | 237  | 249854   | 61.000 | ng    | 98       |
| 43) 2,4,6-Trichlorophenol      | 9.17  | 196  | 185730   | 39.821 | ng    | 98       |
| 44) 2,4,5-Trichlorophenol      | 9.21  | 196  | 205866   | 39.351 | ng    | 98       |
| 46) 1,1'-Biphenyl              | 9.35  | 154  | 661767   | 38.310 | ng    | 99       |
| 47) 2-Chloronaphthalene        | 9.38  | 162  | 529129   | 37.667 | ng    | 99       |
| 48) 2-Nitroaniline             | 9.47  | 65   | 153039   | 41.558 | ng    | 91       |
| 49) Acenaphthylene             | 9.80  | 152  | 829860   | 37.735 | ng    | 98       |
| 50) Dimethylphthalate          | 9.65  | 163  | 828371   | 50.654 | ng    | 100      |
| 51) 2,6-Dinitrotoluene         | 9.71  | 165  | 145098   | 41.357 | ng    | 93       |
| 52) Acenaphthene               | 9.97  | 154  | 542424   | 41.735 | ng    | 98       |
| 53) 3-Nitroaniline             | 9.87  | 138  | 109626   | 29.735 | ng    | 98       |
| 54) 2,4-Dinitrophenol          | 9.99  | 184  | 118640   | 78.350 | ng    | # 4      |
| 55) Dibenzofuran               | 10.14 | 168  | 757961   | 38.933 | ng    | 99       |
| 56) 4-Nitrophenol              | 10.04 | 139  | 249281   | 85.397 | ng    | 95       |
| 57) 2,4-Dinitrotoluene         | 10.12 | 165  | 200466   | 45.268 | ng    | 95       |
| 58) Fluorene                   | 10.48 | 166  | 583625   | 39.819 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol  | 10.26 | 232  | 186409   | 40.547 | ng    | 98       |
| 60) Diethylphthalate           | 10.35 | 149  | 615791   | 39.653 | ng    | 99       |
| 61) 4-Chlorophenyl-phenylether | 10.47 | 204  | 302407   | 38.958 | ng    | 96       |
| 62) 4-Nitroaniline             | 10.49 | 138  | 152034   | 42.258 | ng    | 98       |
| 63) Azobenzene                 | 10.63 | 77   | 565531   | 37.574 | ng    | 96       |
| 65) 4,6-Dinitro-2-methylphenol | 10.53 | 198  | 87949    | 41.288 | ng    | 92       |
| 66) n-Nitrosodiphenylamine     | 10.59 | 169  | 532762   | 37.090 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether  | 10.96 | 248  | 200610   | 34.689 | ng    | 94       |
| 68) Hexachlorobenzene          | 11.03 | 284  | 221289   | 34.821 | ng    | 99       |
| 69) Atrazine                   | 11.12 | 200  | 189403   | 40.534 | ng    | 99       |
| 70) Pentachlorophenol          | 11.23 | 266  | 266895   | 74.175 | ng    | 96       |
| 71) Phenanthrene               | 11.44 | 178  | 941991   | 39.154 | ng    | 99       |
| 72) Anthracene                 | 11.49 | 178  | 952654   | 39.212 | ng    | 99       |
| 73) Carbazole                  | 11.64 | 167  | 876714   | 40.449 | ng    | 100      |
| 74) Di-n-butylphthalate        | 11.97 | 149  | 997887   | 39.138 | ng    | 99       |
| 75) Fluoranthene               | 12.63 | 202  | 1083011  | 41.260 | ng    | 97       |
| 77) Benzidine                  | 12.74 | 184  | 339740   | 27.161 | ng    | 98       |
| 78) Pyrene                     | 12.86 | 202  | 1091998  | 37.196 | ng    | 99       |
| 80) Butylbenzylphthalate       | 13.47 | 149  | 456902   | 39.556 | ng    | 95       |
| 81) Benzo(a)anthracene         | 14.05 | 228  | 997186   | 40.316 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 14.00 | 252  | 301203   | 33.224 | ng    | 99       |
| 83) Chrysene                   | 14.09 | 228  | 982609   | 40.790 | ng    | 98       |
| 84) Bis(2-ethylhexyl)phthalate | 14.03 | 149  | 629914   | 42.862 | ng    | 99       |
| 85) Di-n-octyl phthalate       | 14.66 | 149  | 1101447  | 47.882 | ng    | 100      |
| 86) Indeno(1,2,3-cd)pyrene     | 17.04 | 276  | 912480   | 39.990 | ng    | 98       |
| 88) Benzo(b)fluoranthene       | 15.12 | 252  | 1009339  | 39.431 | ng    | 99       |
| 89) Benzo(k)fluoranthene       | 15.14 | 252  | 870277   | 39.525 | ng    | 99       |
| 90) Benzo(a)pyrene             | 15.49 | 252  | 867989   | 39.203 | ng    | 98       |
| 91) Dibenzo(a,h)anthracene     | 17.06 | 278  | 767247   | 36.915 | ng    | 99       |
| 92) Benzo(g,h,i)perylene       | 17.49 | 276  | 758818   | 36.178 | ng    | 98       |

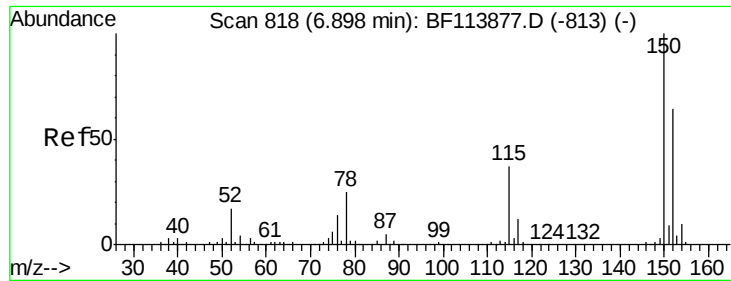
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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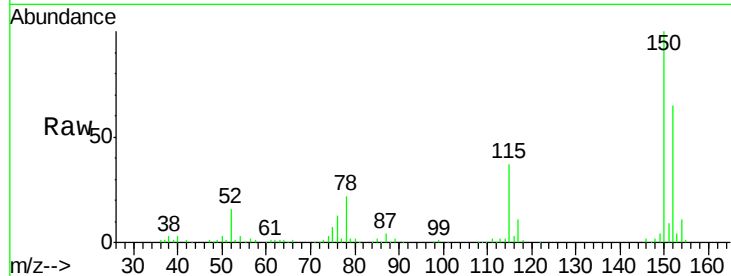


#1

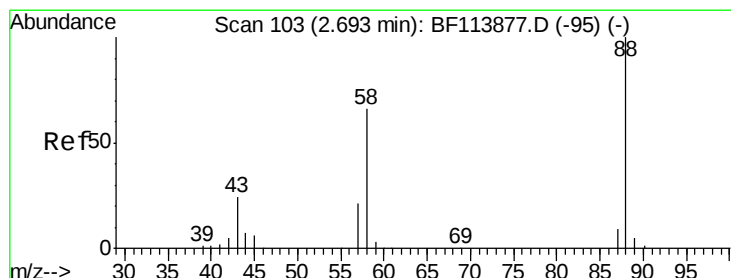
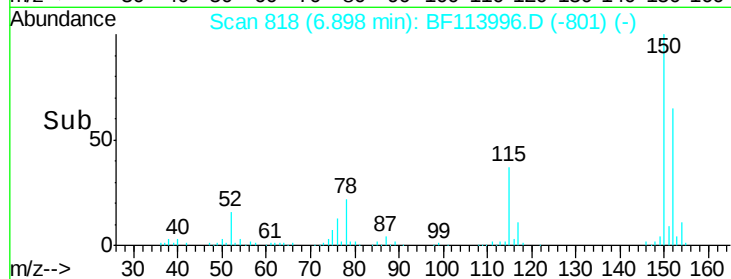
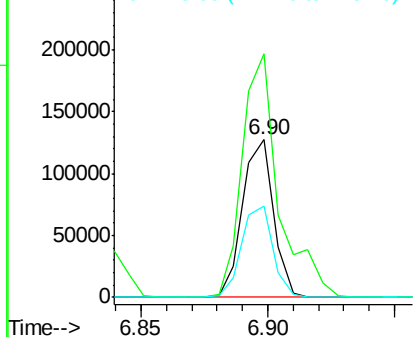
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.90 min Scan# 818  
Delta R.T. -0.00 min  
Lab File: BF113996.D  
Acq: 25 Apr 2019 23:31

Instrument :  
BNA\_F  
ClientSampled :

Tot Ion:152 Resp: 108095  
Ion Ratio Lower Upper  
152 100  
150 154.7 125.9 188.9  
115 57.7 45.9 68.9



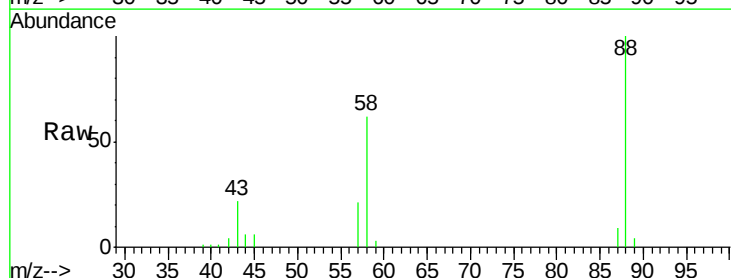
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



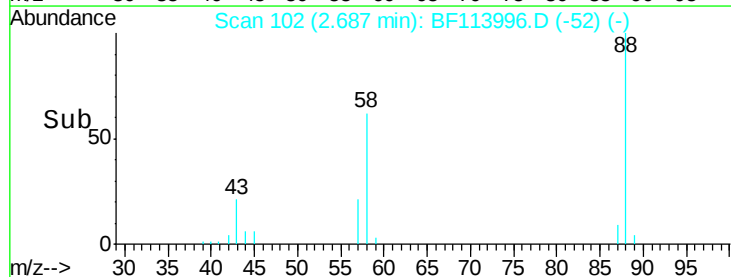
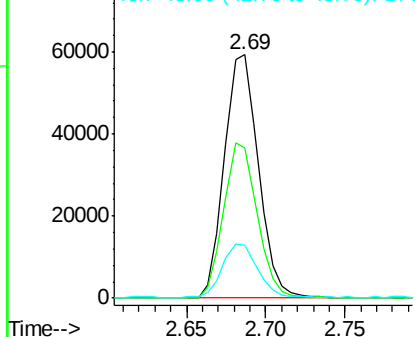
#2

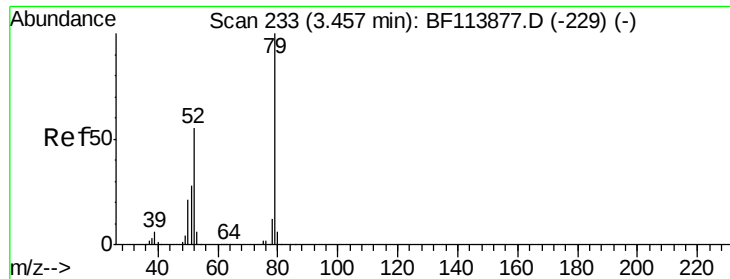
1,4-Dioxane  
Concen: 29.703 ng  
RT: 2.69 min Scan# 102  
Delta R.T. -0.01 min  
Lab File: BF113996.D  
Acq: 25 Apr 2019 23:31

Tgt Ion: 88 Resp: 88491  
Ion Ratio Lower Upper  
88 100  
58 63.0 53.3 79.9  
43 23.8 19.0 28.4



Abundance Ion 88.00 (87.70 to 88.70): BF1  
Ion 58.00 (57.70 to 58.70): BF1  
Ion 43.00 (42.70 to 43.70): BF1

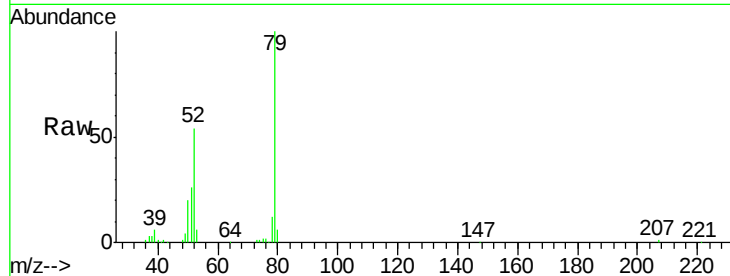




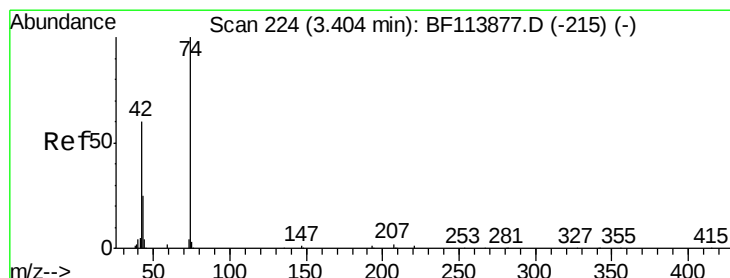
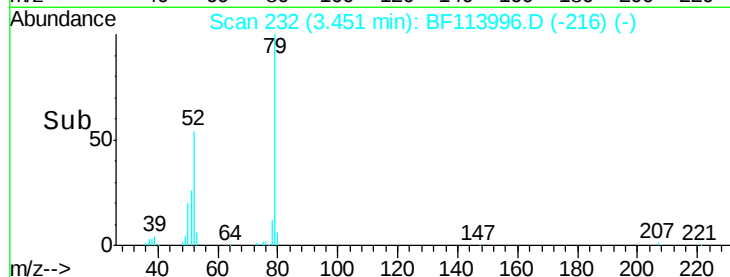
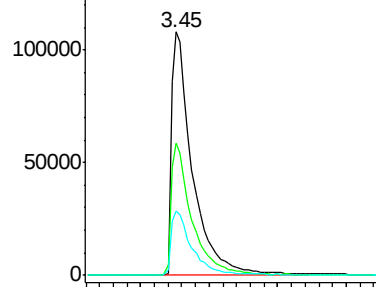
#3  
 Pvridine  
 Concen: 28.669 ng  
 RT: 3.45 min Scan# 232  
 Delta R.T. -0.01 min  
 Lab File: BF113996.D  
 Acq: 25 Apr 2019 23:31

Instrument :  
 BNA\_F  
 ClientSampleId :

| Tot Ion   | 79   | Resp  | 233137 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 52        | 54.5 | 45.3  | 67.9   |
| 51        | 26.4 | 22.1  | 33.1   |

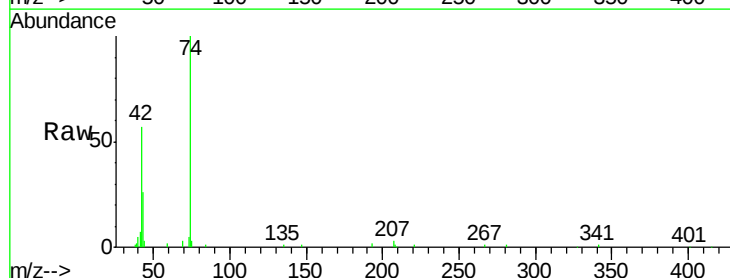


Abundance Ion 79.00 (78.70 to 79.70): BF1  
 Ion 52.00 (51.70 to 52.70): BF1  
 Ion 51.00 (50.70 to 51.70): BF1

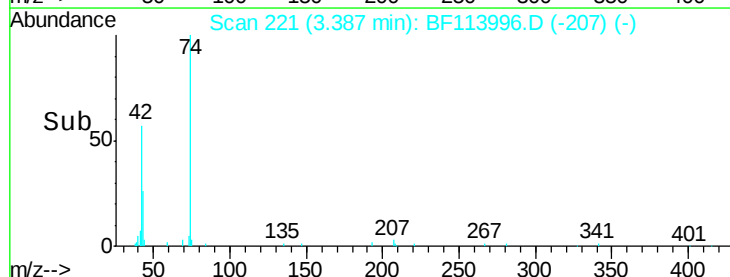
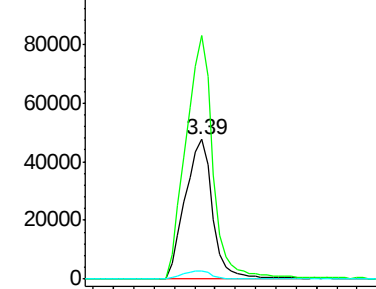


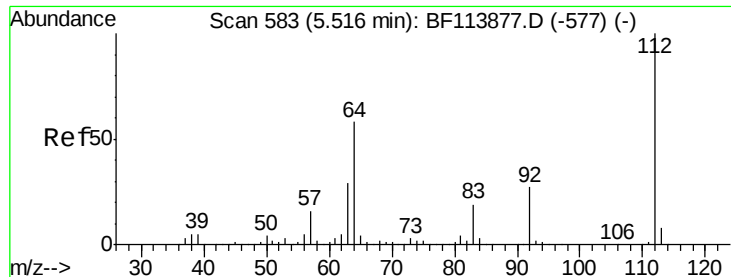
#4  
 n-Nitrosodimethylamine  
 Concen: 32.468 ng  
 RT: 3.39 min Scan# 221  
 Delta R.T. -0.02 min  
 Lab File: BF113996.D  
 Acq: 25 Apr 2019 23:31

| Tgt Ion   | 42    | Resp  | 90380 |
|-----------|-------|-------|-------|
| Ion Ratio | 100   | Lower | Upper |
| 74        | 174.7 | 132.6 | 198.8 |
| 44        | 6.1   | 5.8   | 8.8   |



Abundance Ion 42.00 (41.70 to 42.70): BF1  
 Ion 74.00 (73.70 to 74.70): BF1  
 Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 104.791 ng

RT: 5.52 min Scan# 584

Delta R.T. 0.01 min

Lab File: BF113996.D

Acq: 25 Apr 2019 23:31

Instrument :

BNA\_F

ClientSampled :

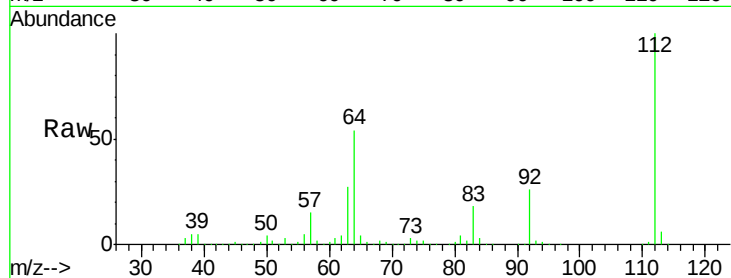
Tot Ion: 112 Resp: 662282

Ion Ratio Lower Upper

112 100

64 53.8 46.6 69.8

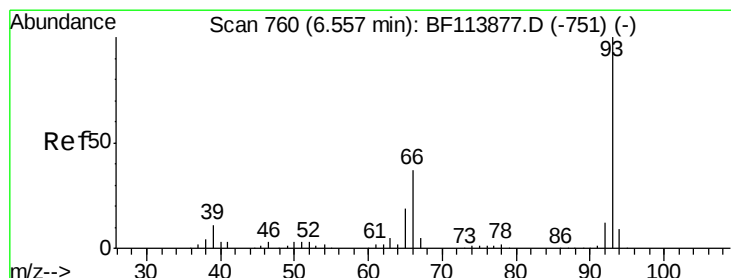
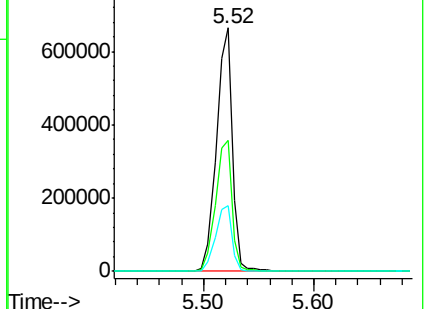
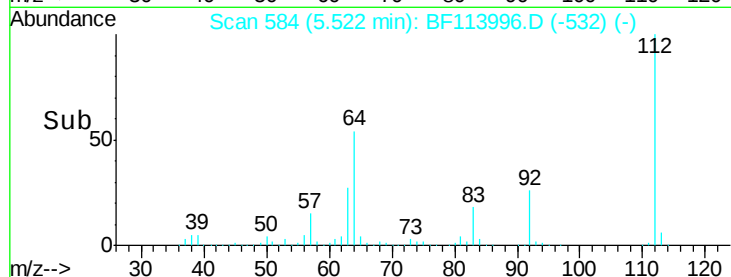
63 27.0 23.1 34.7



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 23.722 ng

RT: 6.56 min Scan# 760

Delta R.T. -0.00 min

Lab File: BF113996.D

Acq: 25 Apr 2019 23:31

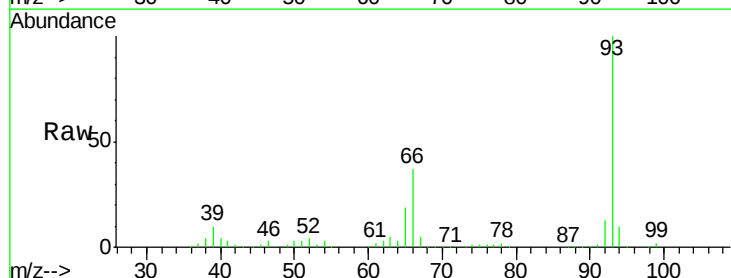
Tgt Ion: 93 Resp: 258288

Ion Ratio Lower Upper

93 100

66 37.4 29.8 44.6

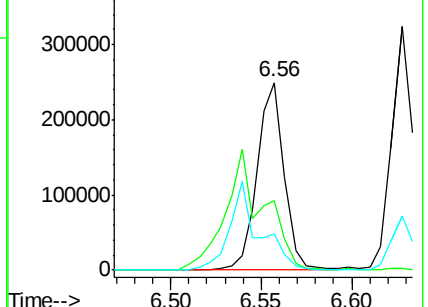
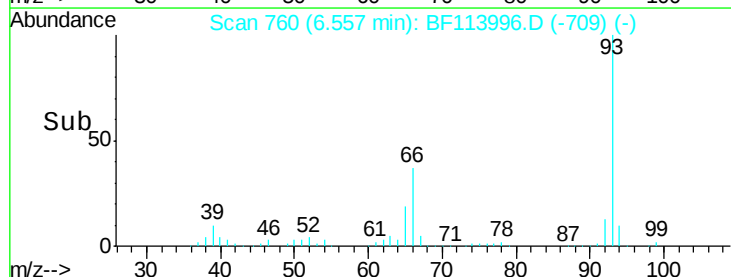
65 19.1 14.9 22.3

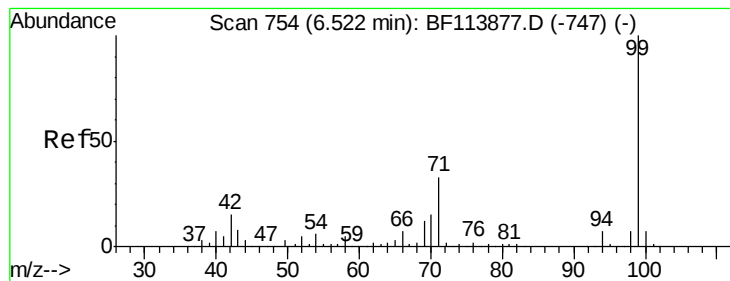


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 110.960 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF113996.D

Acq: 25 Apr 2019 23:31

Instrument :

BNA\_F

ClientSampled :

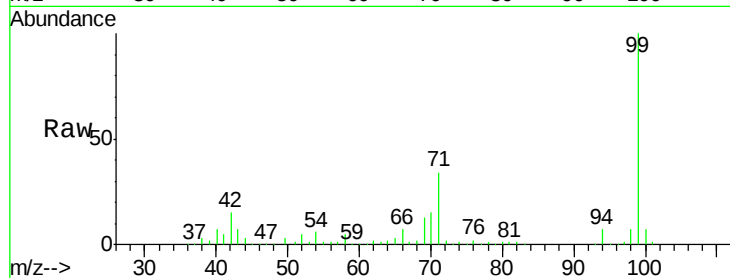
Tot Ion: 99 Resp: 879827

Ion Ratio Lower Upper

99 100

42 14.9 12.5 18.7

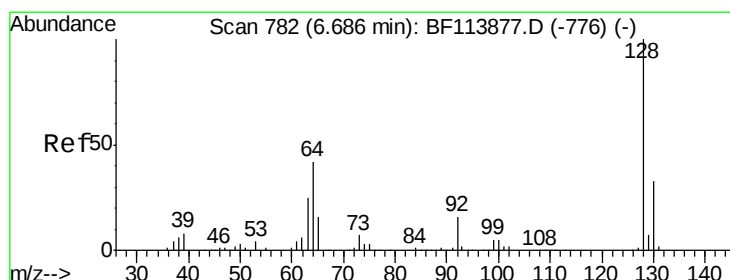
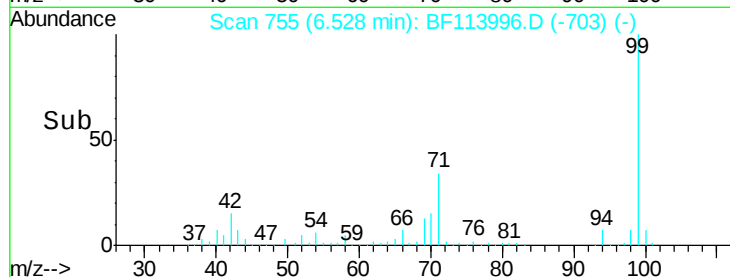
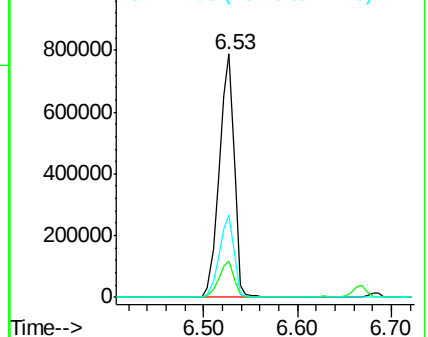
71 33.9 26.9 40.3



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 36.300 ng

RT: 6.68 min Scan# 781

Delta R.T. -0.01 min

Lab File: BF113996.D

Acq: 25 Apr 2019 23:31

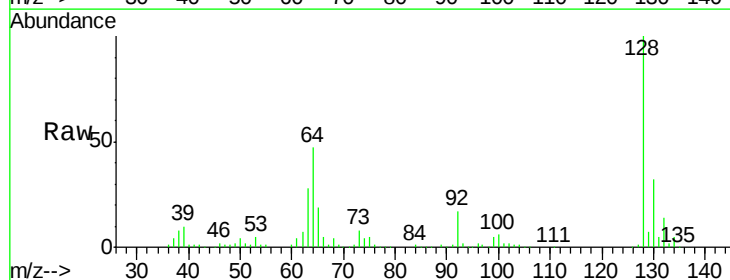
Tgt Ion: 128 Resp: 261926

Ion Ratio Lower Upper

128 100

130 31.9 12.3 52.3

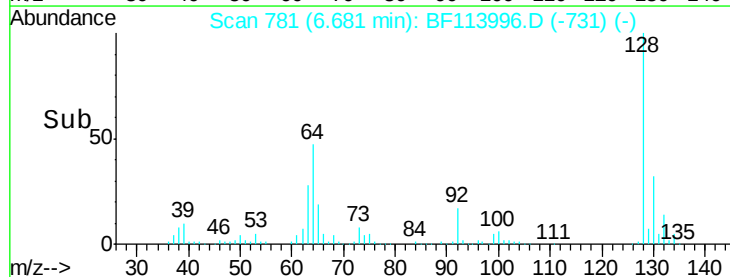
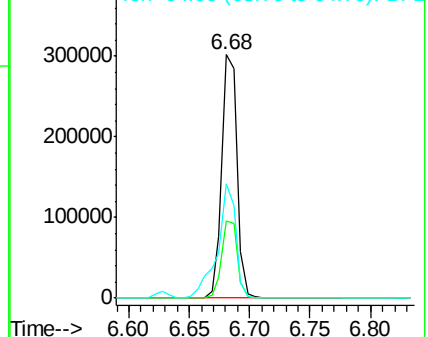
64 46.9 26.1 66.1

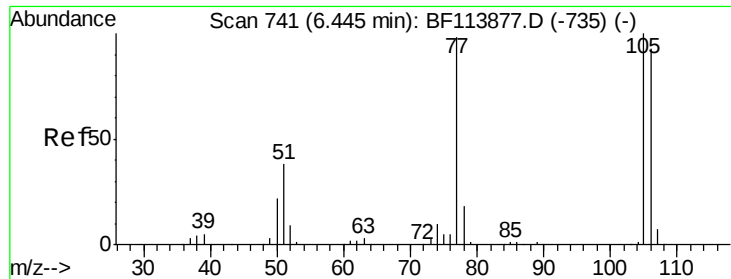


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1

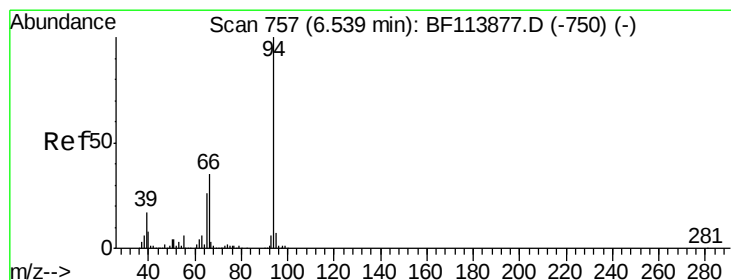
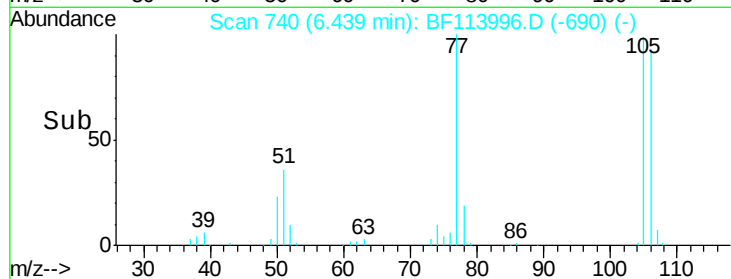
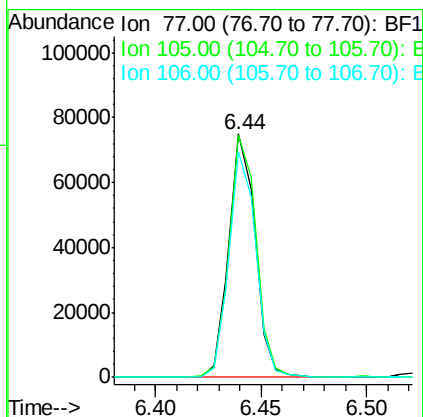
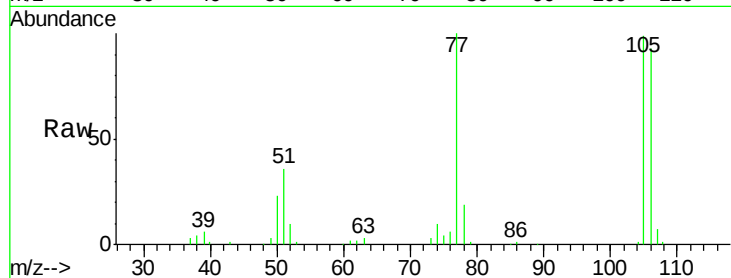




#9  
Benzaldehyde  
Concen: 9.862 ng  
RT: 6.44 min Scan# 740  
Delta R.T. -0.01 min  
Lab File: BF113996.D  
Acq: 25 Apr 2019 23:31

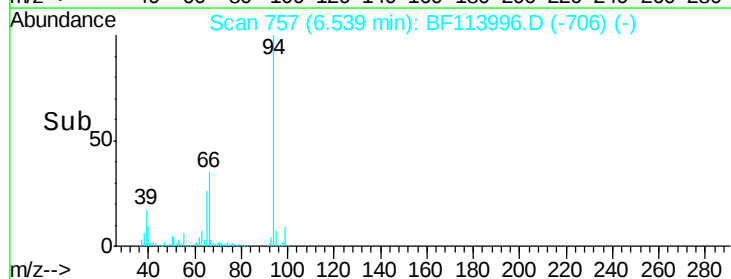
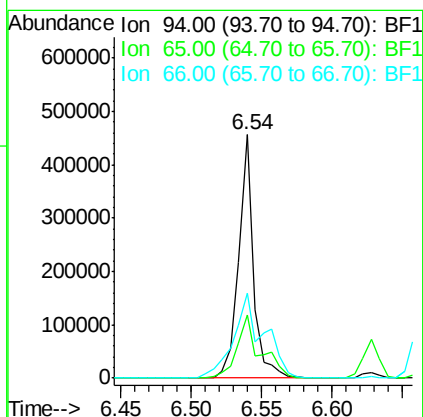
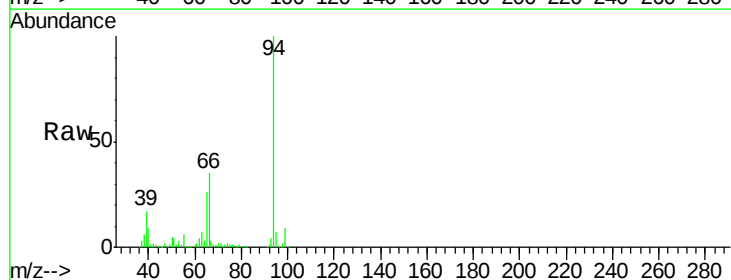
Instrument :  
BNA\_F  
ClientSampleId :

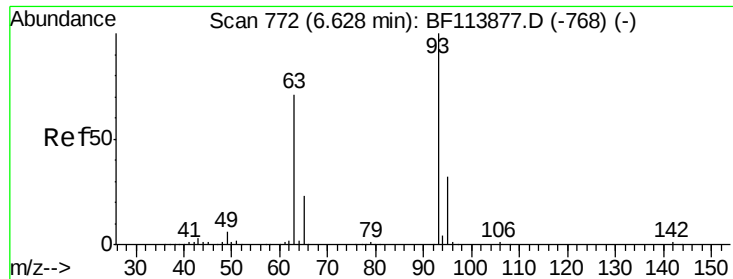
Tot Ion: 77 Resp: 64939  
Ion Ratio Lower Upper  
77 100  
105 99.3 74.1 114.1  
106 92.9 70.3 110.3



#10  
Phenol  
Concen: 35.386 ng  
RT: 6.54 min Scan# 757  
Delta R.T. -0.00 min  
Lab File: BF113996.D  
Acq: 25 Apr 2019 23:31

Tgt Ion: 94 Resp: 335513  
Ion Ratio Lower Upper  
94 100  
65 25.9 8.1 48.1  
66 35.1 16.6 56.6

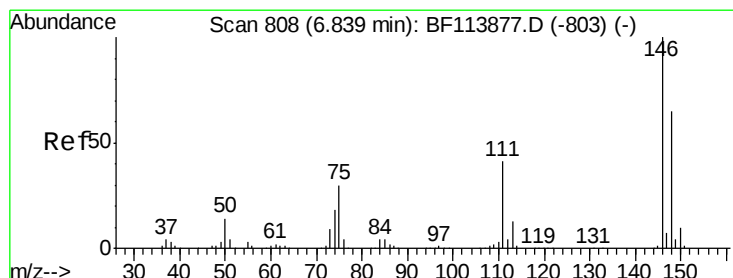
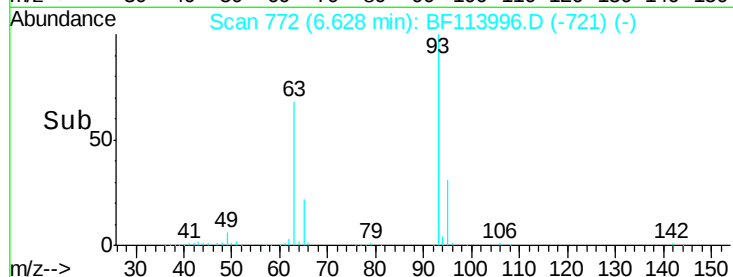
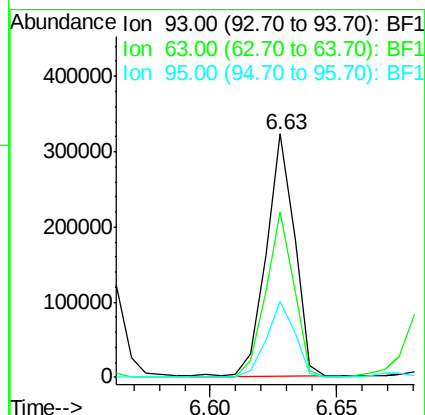
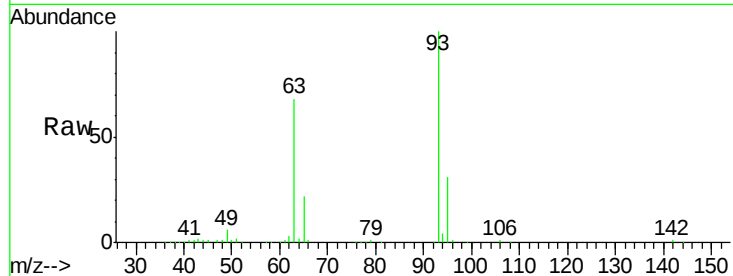




#11  
bis(2-Chloroethyl)ether  
Concen: 35.486 ng  
RT: 6.63 min Scan# 772  
Delta R.T. -0.00 min  
Lab File: BF113996.D  
Acq: 25 Apr 2019 23:31

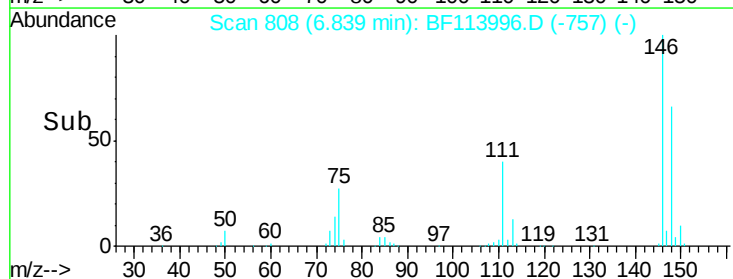
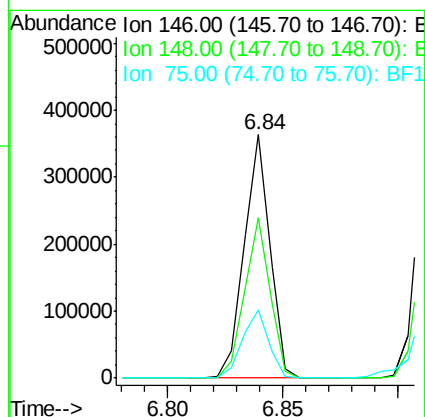
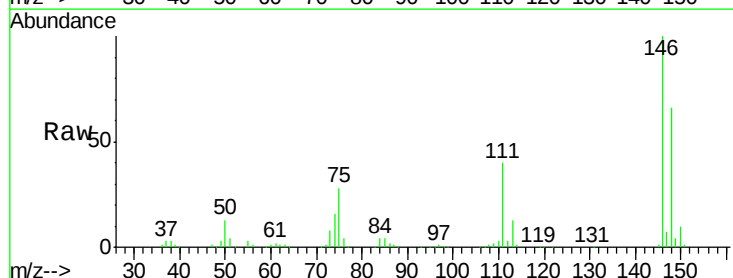
Instrument :  
BNA\_F  
ClientSampled :

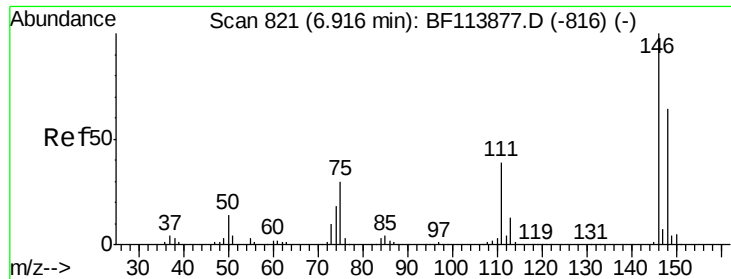
Tot Ion: 93 Resp: 253189  
Ion Ratio Lower Upper  
93 100  
63 68.2 50.7 90.7  
95 31.1 12.3 52.3



#12  
1,3-Dichlorobenzene  
Concen: 34.660 ng  
RT: 6.84 min Scan# 808  
Delta R.T. -0.00 min  
Lab File: BF113996.D  
Acq: 25 Apr 2019 23:31

Tgt Ion: 146 Resp: 283243  
Ion Ratio Lower Upper  
146 100  
148 66.0 51.0 76.6  
75 28.2 23.8 35.8

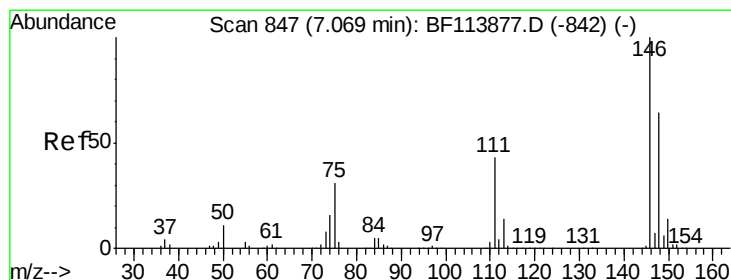
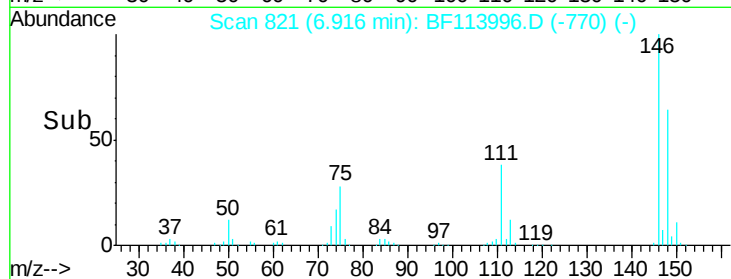
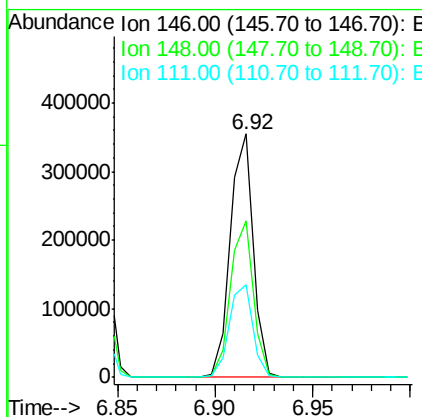
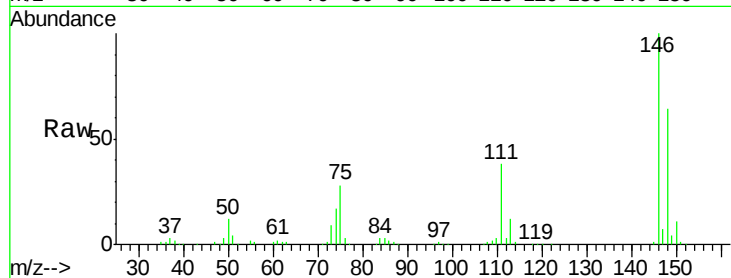




#13  
 1,4-Dichlorobenzene  
 Concen: 35.307 ng  
 RT: 6.92 min Scan# 821  
 Delta R.T. -0.00 min  
 Lab File: BF113996.D  
 Acq: 25 Apr 2019 23:31

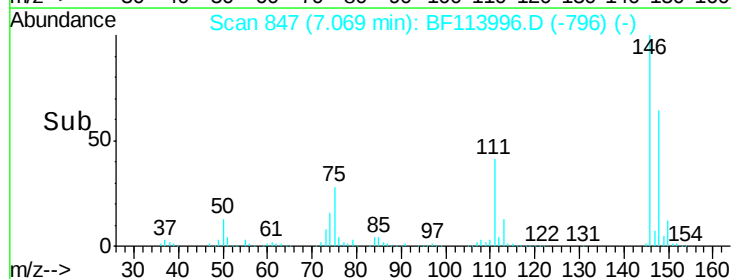
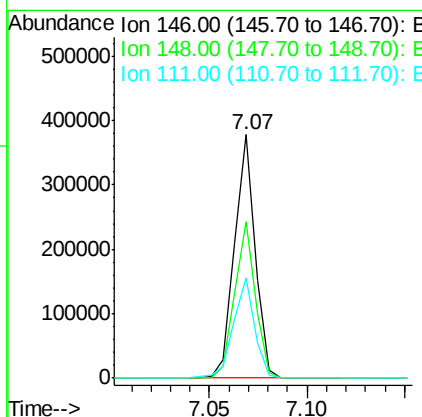
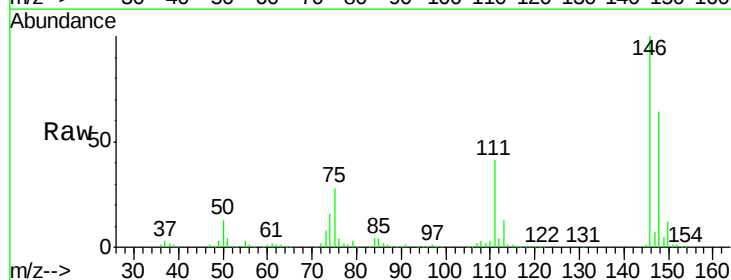
Instrument :  
 BNA\_F  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 64.2  | 51.8  | 77.8  |
| 111     | 38.1  | 30.9  | 46.3  |



#14  
 1,2-Dichlorobenzene  
 Concen: 36.620 ng  
 RT: 7.07 min Scan# 847  
 Delta R.T. -0.00 min  
 Lab File: BF113996.D  
 Acq: 25 Apr 2019 23:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 64.5  | 52.1  | 78.1  |
| 111     | 41.4  | 34.2  | 51.4  |





#15

Benzyl Alcohol

Concen: 40.035 ng

RT: 7.03 min Scan# 841

Delta R.T. -0.00 min

Lab File: BF113996.D

Acq: 25 Apr 2019 23:31

Instrument :

BNA\_F

ClientSampleId :

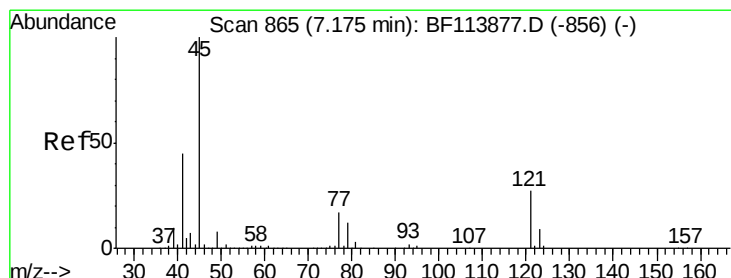
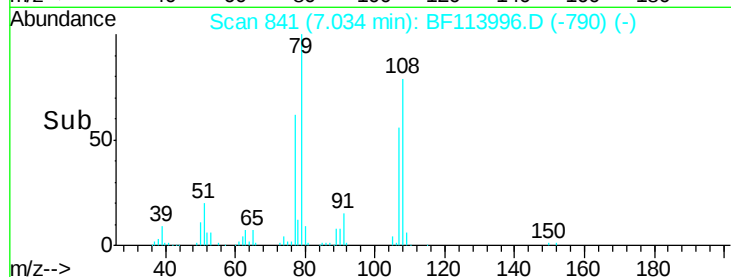
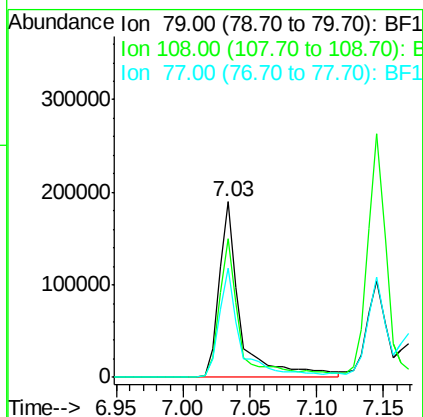
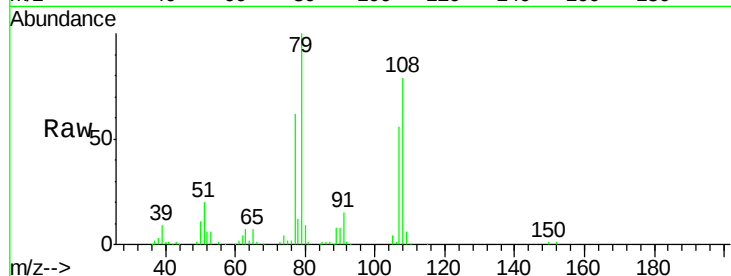
Tot Ion: 79 Resp: 213800

Ion Ratio Lower Upper

79 100

108 79.3 61.4 92.0

77 62.0 51.6 77.4



#16

2,2'-oxybis(1-chloropropane)

Concen: 33.692 ng

RT: 7.17 min Scan# 864

Delta R.T. -0.01 min

Lab File: BF113996.D

Acq: 25 Apr 2019 23:31

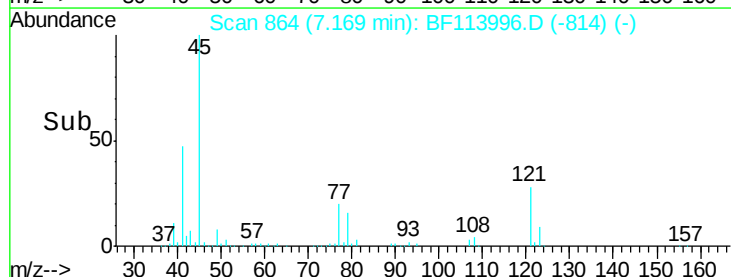
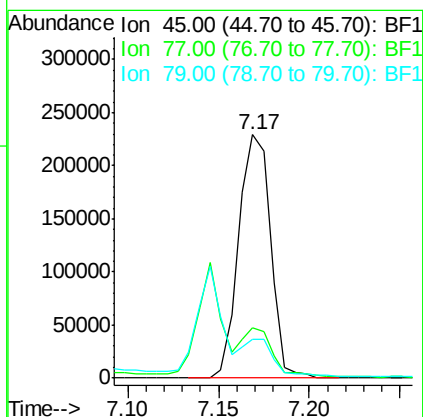
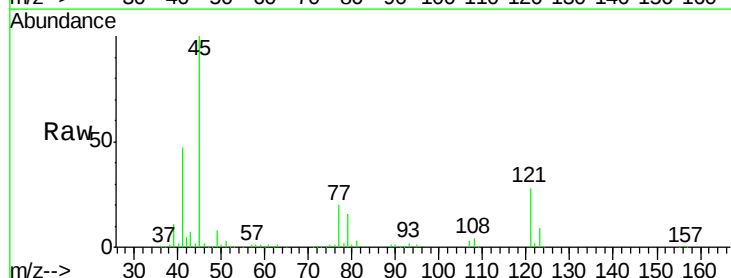
Tgt Ion: 45 Resp: 280622

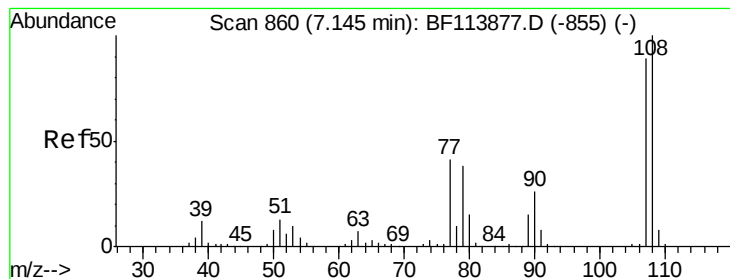
Ion Ratio Lower Upper

45 100

77 20.4 0.0 37.0

79 15.9 0.0 32.7

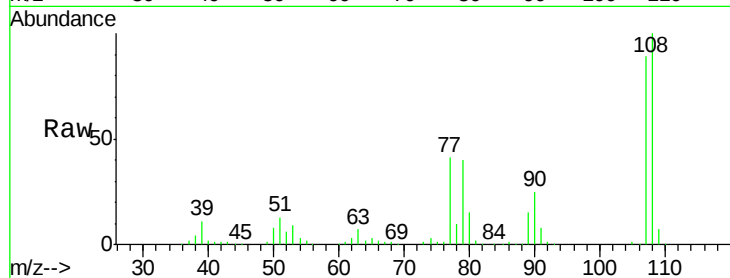




#17  
2-Methylphenol  
Concen: 36.390 ng  
RT: 7.15 min Scan# 860  
Delta R.T. -0.00 min  
Lab File: BF113996.D  
Acq: 25 Apr 2019 23:31

Instrument :  
BNA\_F  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 112.7 | 91.5  | 137.3 |
| 77      | 46.5  | 36.2  | 54.4  |
| 79      | 44.9  | 35.4  | 53.0  |



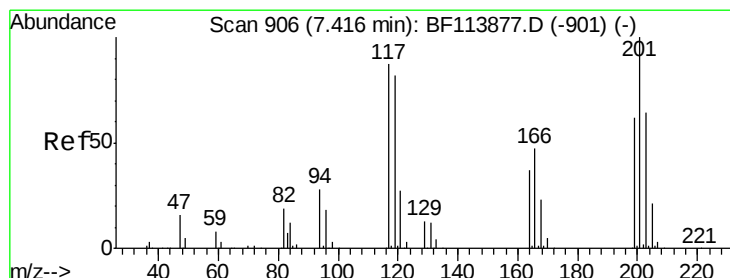
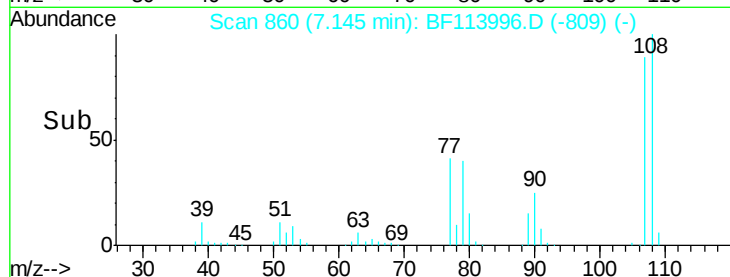
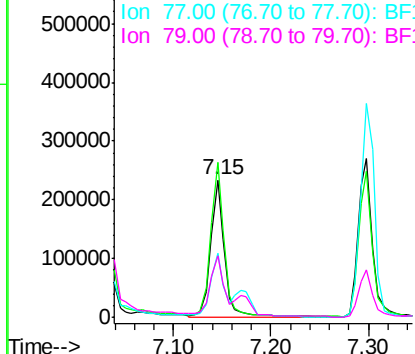
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

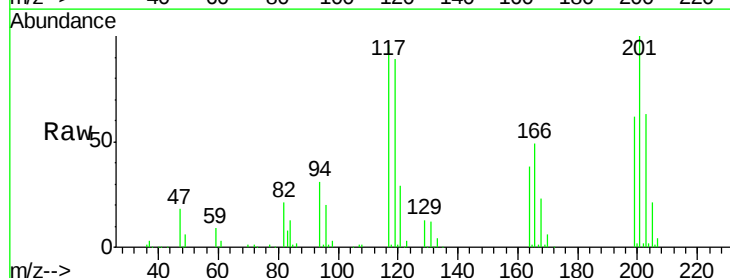
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18  
Hexachloroethane  
Concen: 34.151 ng  
RT: 7.41 min Scan# 905  
Delta R.T. -0.01 min  
Lab File: BF113996.D  
Acq: 25 Apr 2019 23:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 93.3  | 74.4  | 111.6 |
| 201     | 104.4 | 90.2  | 135.2 |

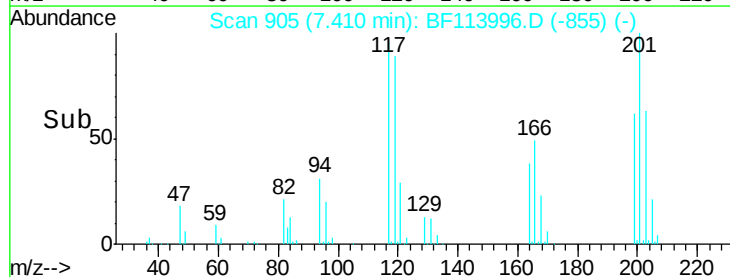
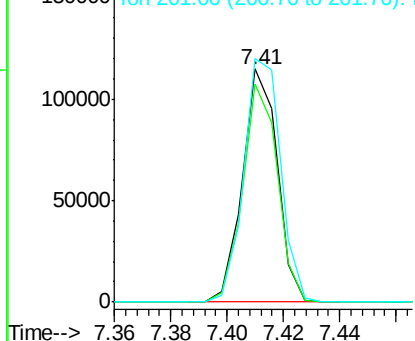


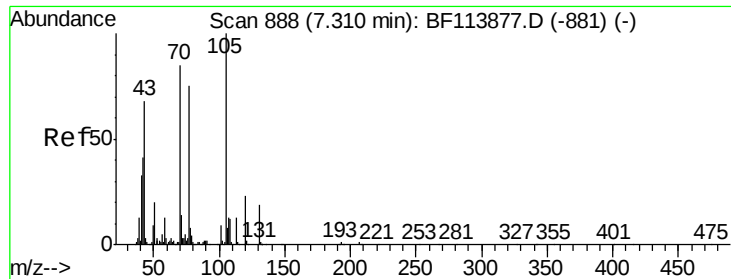
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

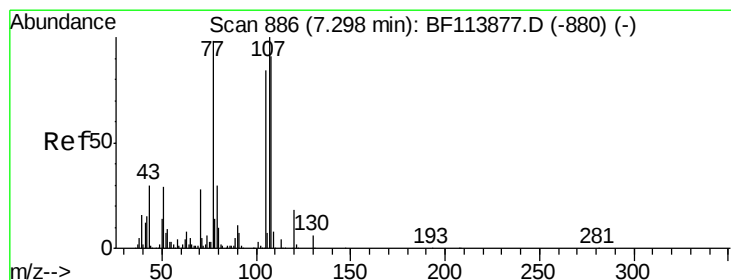
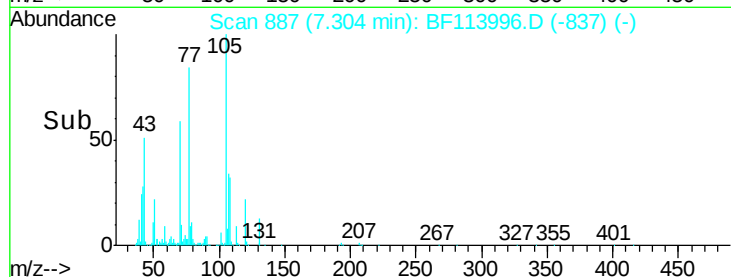
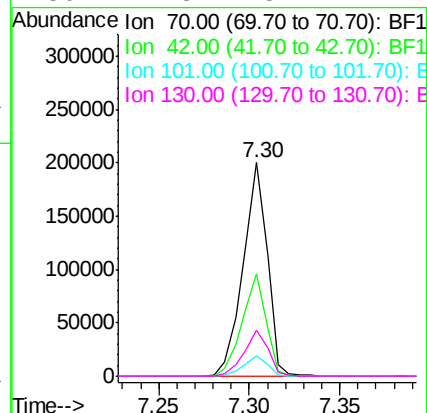
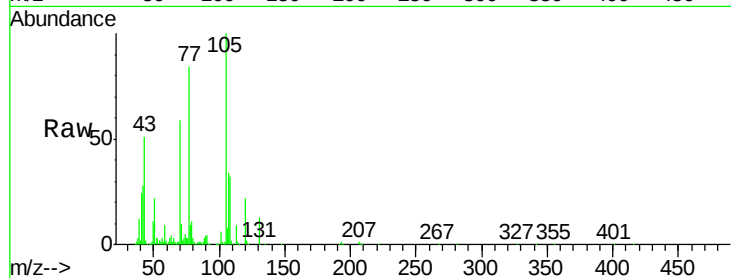




#19  
n-Nitroso-di-n-propylamine  
Concen: 36.067 ng  
RT: 7.30 min Scan# 887  
Delta R.T. -0.01 min  
Lab File: BF113996.D  
Acq: 25 Apr 2019 23:31

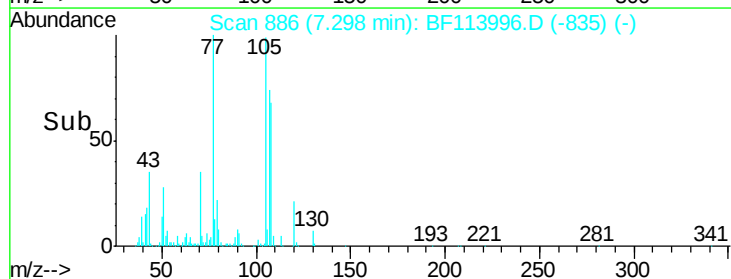
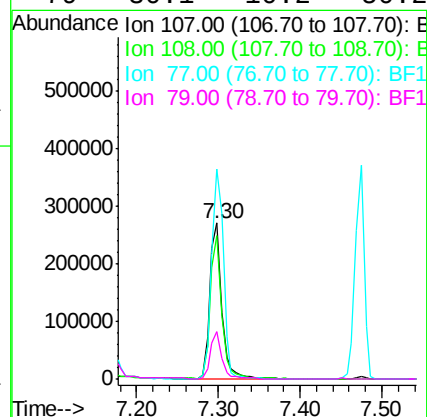
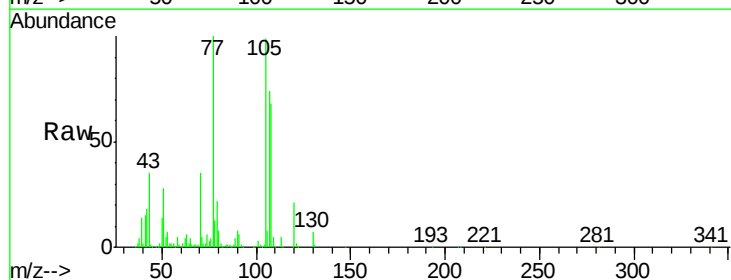
Instrument :  
BNA\_F  
ClientSampleId :

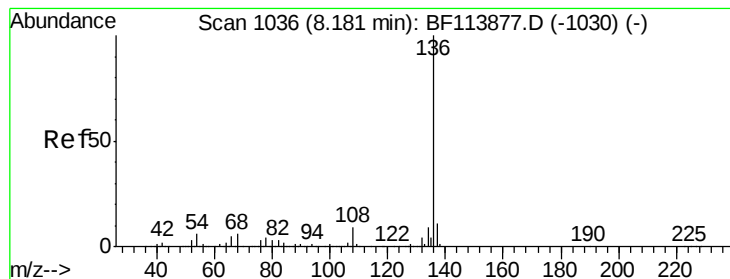
Tot Ion: 70 Resp: 185201  
Ion Ratio Lower Upper  
70 100  
42 47.9 37.3 55.9  
101 9.6 7.8 11.8  
130 21.3 18.2 27.2



#20  
3+4-Methylphenols  
Concen: 38.817 ng  
RT: 7.30 min Scan# 886  
Delta R.T. 0.00 min  
Lab File: BF113996.D  
Acq: 25 Apr 2019 23:31

Tgt Ion:107 Resp: 277389  
Ion Ratio Lower Upper  
107 100  
108 91.9 70.1 110.1  
77 134.4 52.9 92.9#  
79 30.1 10.2 50.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.18 min Scan# 1036

Delta R.T. -0.00 min

Lab File: BF113996.D

Acq: 25 Apr 2019 23:31

Instrument :

BNA\_F

ClientSampleId :

Tot Ion:136 Resp: 415466

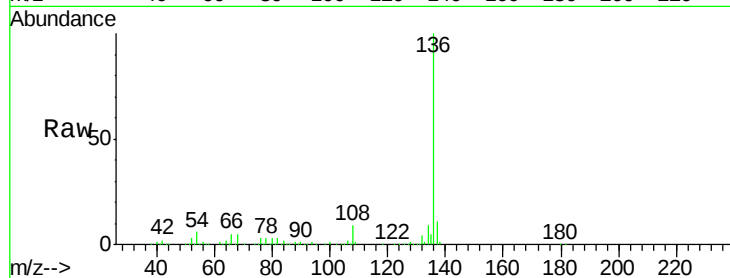
Ion Ratio Lower Upper

136 100

137 10.9 8.6 12.8

54 5.9 5.0 7.6

68 5.4 4.9 7.3

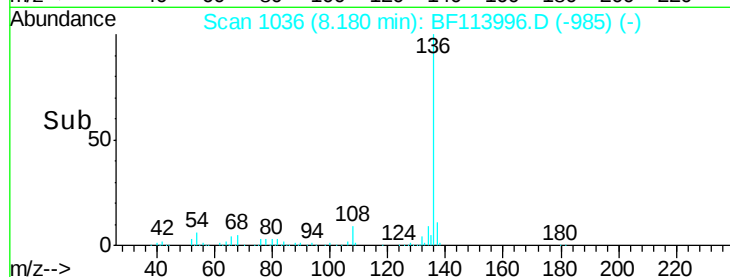


Abundance Ion 136.00 (135.70 to 136.70): E

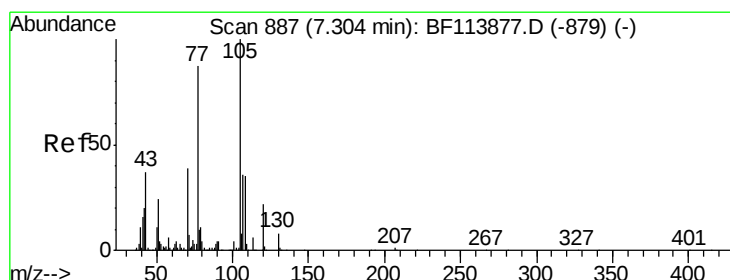
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



Time-->



#22

Acetophenone

Concen: 39.574 ng

RT: 7.30 min Scan# 886

Delta R.T. -0.01 min

Lab File: BF113996.D

Acq: 25 Apr 2019 23:31

Tgt Ion:105 Resp: 365882

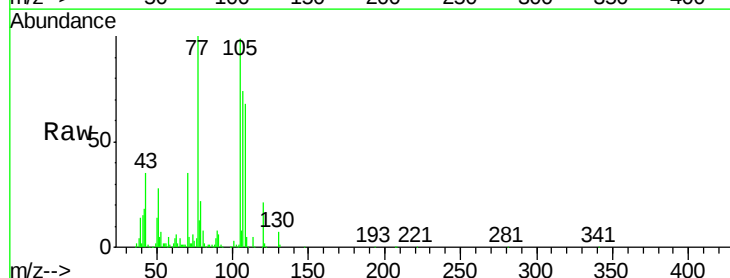
Ion Ratio Lower Upper

105 100

71 5.4 6.1 9.1#

51 28.4 16.8 25.2#

120 21.3 17.6 26.4

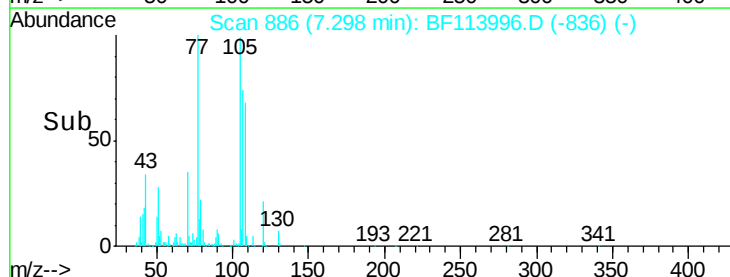


Abundance Ion 105.00 (104.70 to 105.70): E

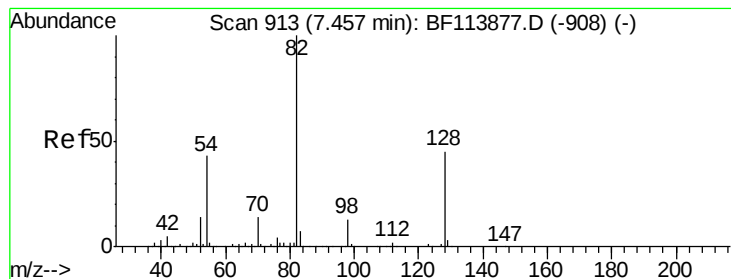
Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E



Time-->



#23

Nitrobenzene-d5

Concen: 78.672 ng

RT: 7.46 min Scan# 913

Delta R.T. 0.00 min

Lab File: BF113996.D

Acq: 25 Apr 2019 23:31

Instrument :

BNA\_F

ClientSampleId :

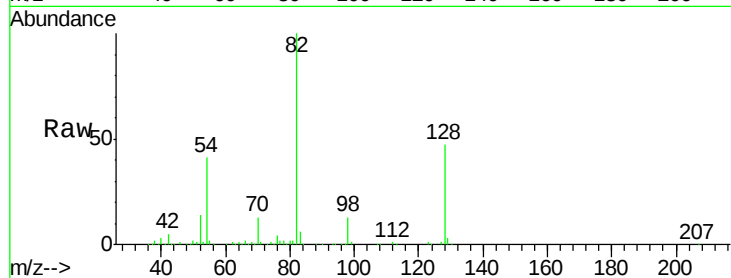
Tot Ion: 82 Resp: 529374

Ion Ratio Lower Upper

82 100

128 47.2 36.8 55.2

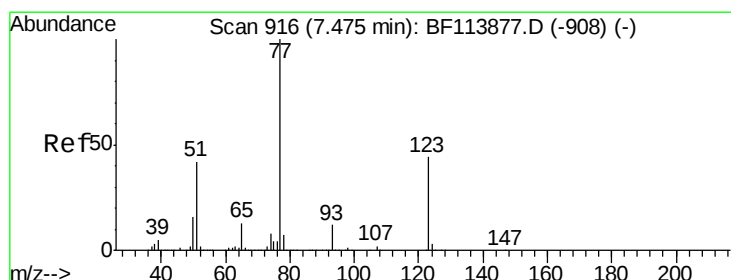
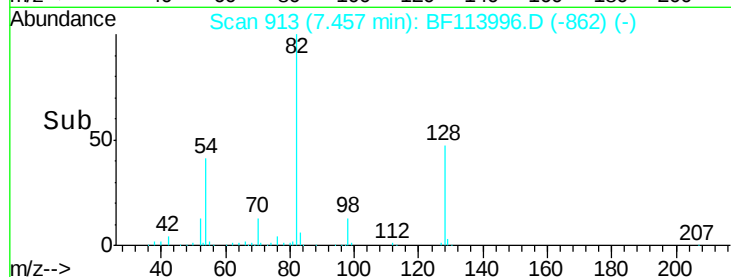
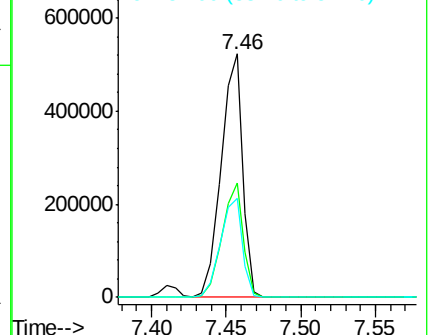
54 40.9 33.8 50.6



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#24

Nitrobenzene

Concen: 38.172 ng

RT: 7.47 min Scan# 916

Delta R.T. -0.00 min

Lab File: BF113996.D

Acq: 25 Apr 2019 23:31

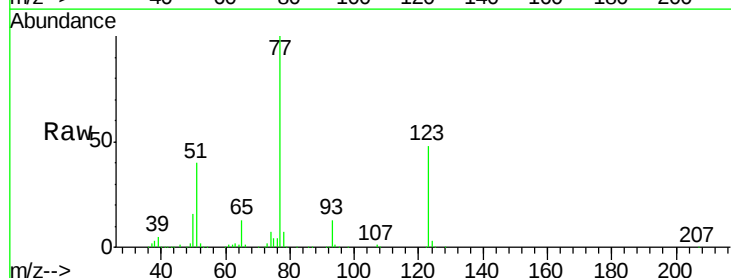
Tgt Ion: 77 Resp: 283809

Ion Ratio Lower Upper

77 100

123 47.8 36.3 54.5

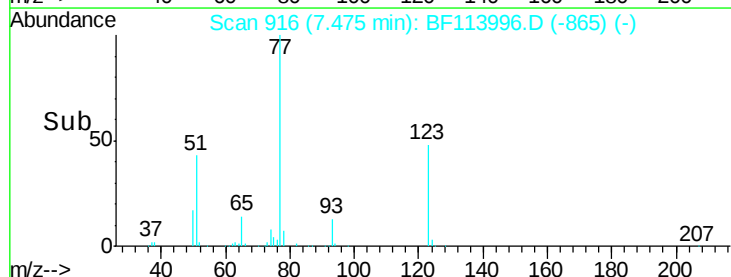
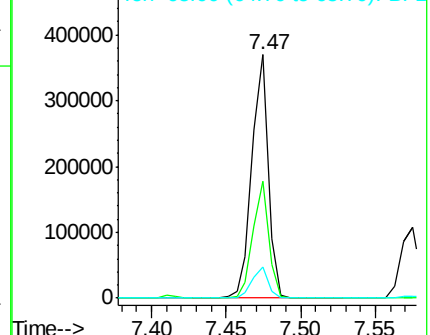
65 12.7 10.3 15.5

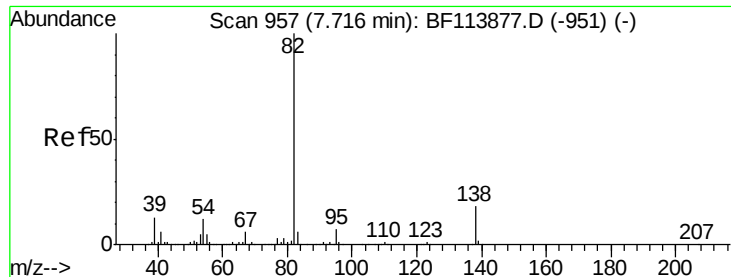


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 36.921 ng

RT: 7.72 min Scan# 957

Delta R.T. -0.00 min

Lab File: BF113996.D

Acq: 25 Apr 2019 23:31

Instrument :

BNA\_F

ClientSampleId :

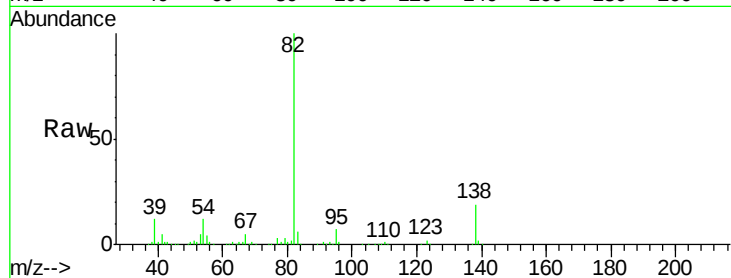
Tot Ion: 82 Resp: 508342

Ion Ratio Lower Upper

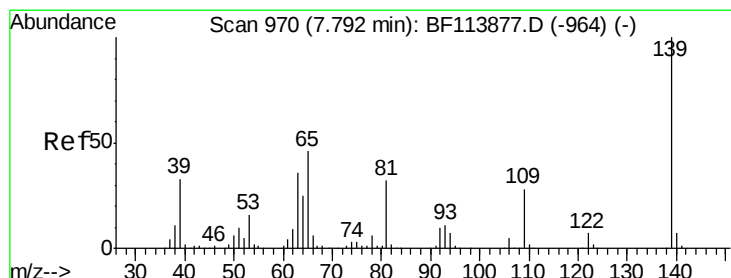
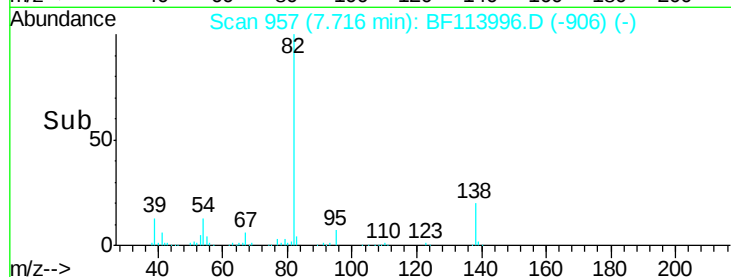
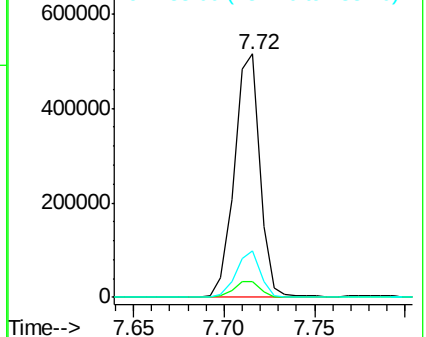
82 100

95 6.7 5.4 8.2

138 19.3 14.6 22.0



Abundance Ion 82.00 (81.70 to 82.70): BF1  
Ion 95.00 (94.70 to 95.70): BF1  
Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 41.938 ng

RT: 7.79 min Scan# 970

Delta R.T. -0.00 min

Lab File: BF113996.D

Acq: 25 Apr 2019 23:31

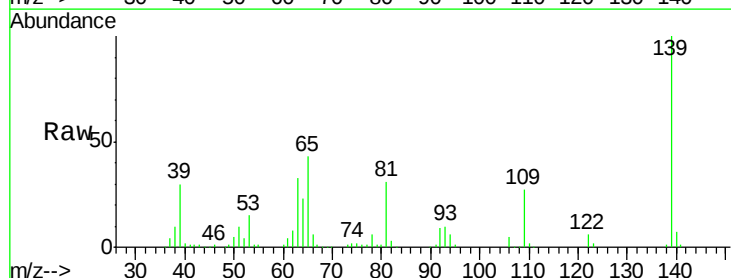
Tgt Ion: 139 Resp: 142250

Ion Ratio Lower Upper

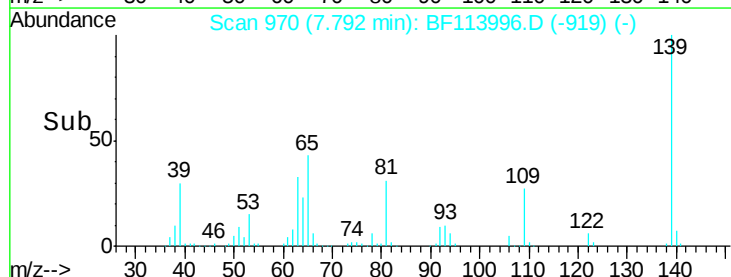
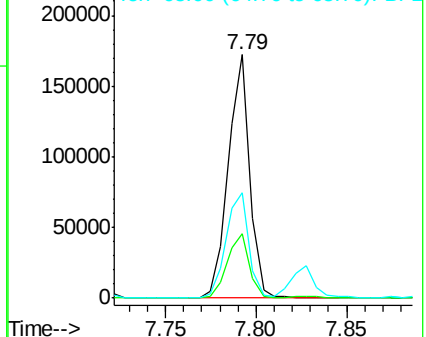
139 100

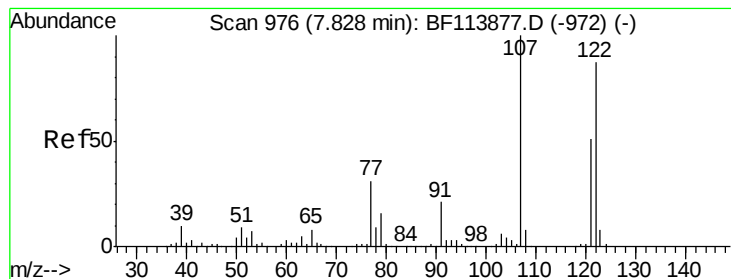
109 26.7 20.6 31.0

65 43.2 34.6 52.0



Abundance Ion 139.00 (138.70 to 139.70): BF1  
Ion 109.00 (108.70 to 109.70): BF1  
Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 41.067 ng

RT: 7.83 min Scan# 976

Delta R.T. -0.00 min

Lab File: BF113996.D

Acq: 25 Apr 2019 23:31

Instrument :

BNA\_F

ClientSampleId :

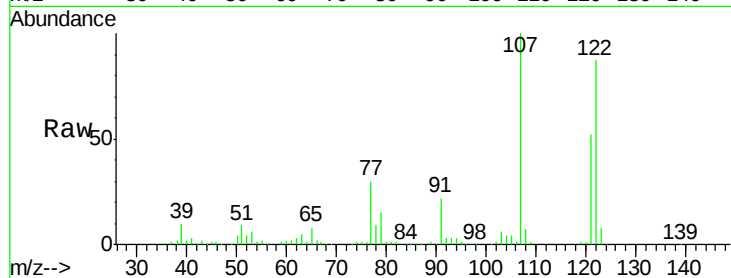
Tot Ion:122 Resp: 226951

Ion Ratio Lower Upper

122 100

107 114.9 91.2 136.8

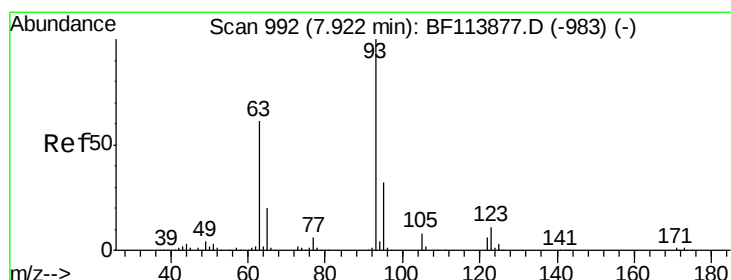
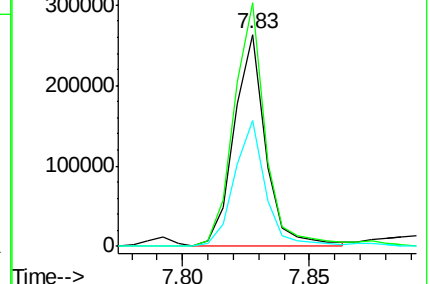
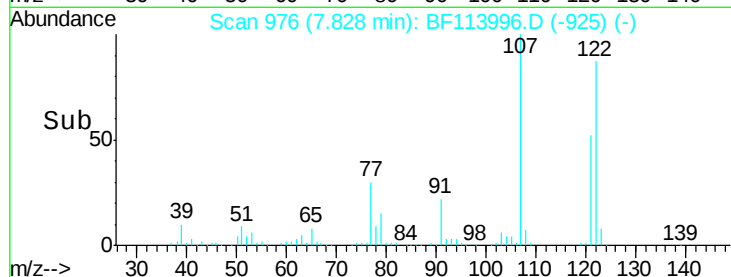
121 59.3 46.4 69.6



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 36.272 ng

RT: 7.92 min Scan# 992

Delta R.T. -0.00 min

Lab File: BF113996.D

Acq: 25 Apr 2019 23:31

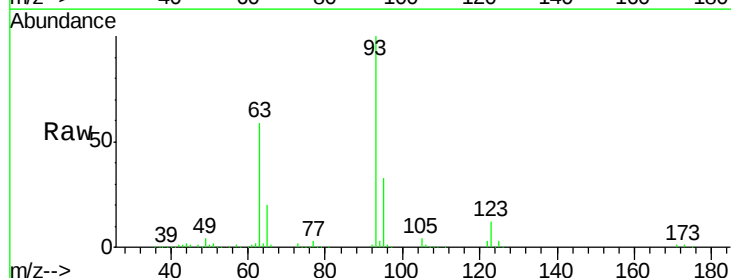
Tgt Ion: 93 Resp: 318232

Ion Ratio Lower Upper

93 100

95 32.5 25.8 38.6

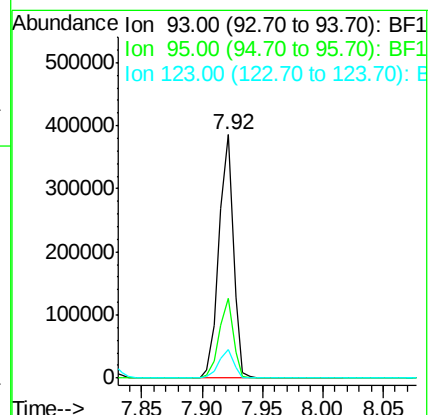
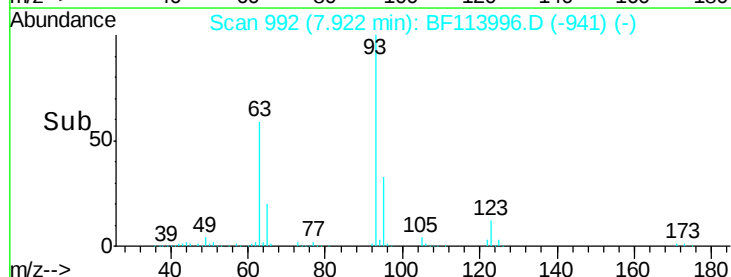
123 11.6 9.0 13.6

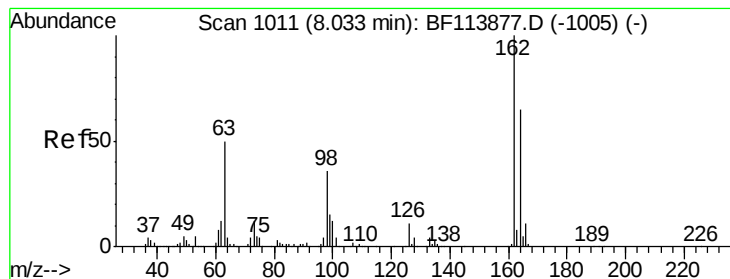


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 38.542 ng

RT: 8.03 min Scan# 1011

Delta R.T. 0.00 min

Lab File: BF113996.D

Acq: 25 Apr 2019 23:31

Instrument :

BNA\_F

ClientSampleId :

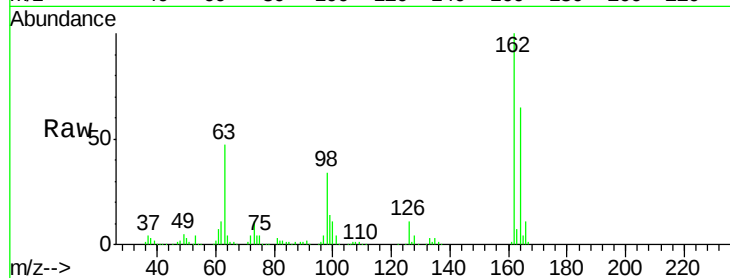
Tot Ion:162 Resp: 243569

Ion Ratio Lower Upper

162 100

164 65.3 43.7 83.7

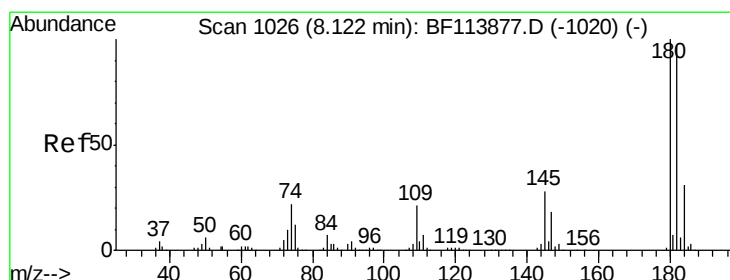
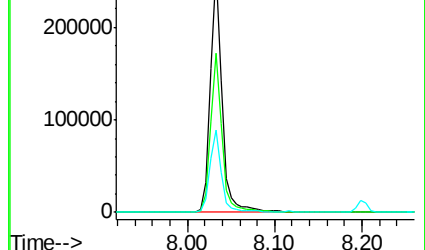
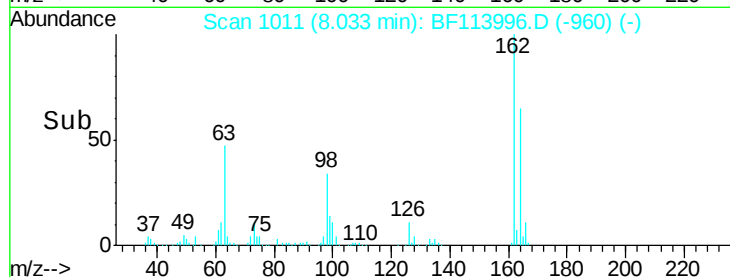
98 34.1 15.5 55.5



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 37.079 ng

RT: 8.12 min Scan# 1026

Delta R.T. -0.00 min

Lab File: BF113996.D

Acq: 25 Apr 2019 23:31

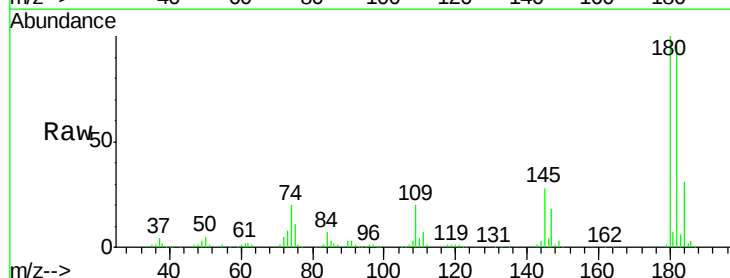
Tgt Ion:180 Resp: 261276

Ion Ratio Lower Upper

180 100

182 96.4 75.4 113.0

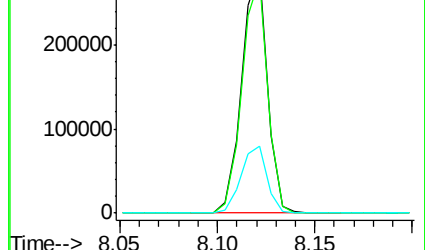
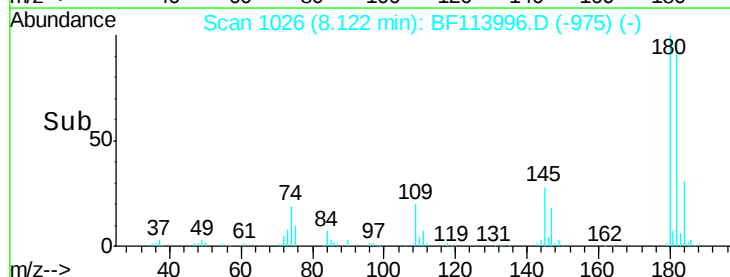
145 27.6 23.0 34.4

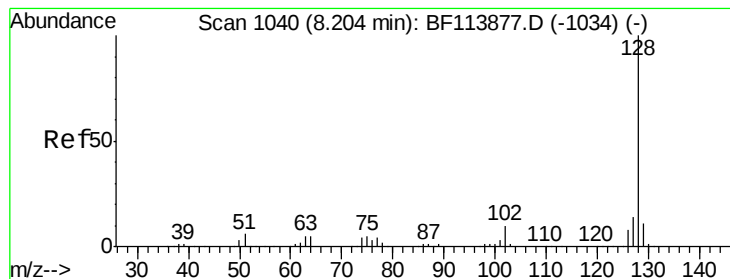


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 38.718 ng

RT: 8.20 min Scan# 1039

Delta R.T. -0.01 min

Lab File: BF113996.D

Acq: 25 Apr 2019 23:31

Instrument :

BNA\_F

ClientSampleId :

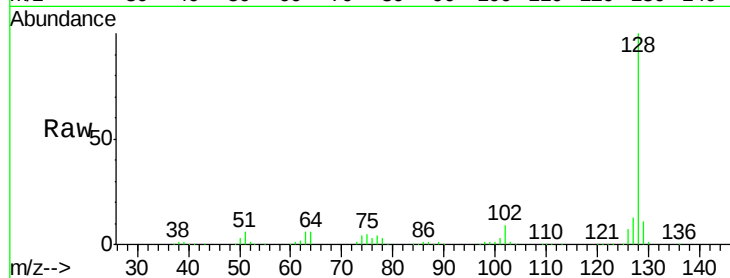
Tot Ion:128 Resp: 764166

Ion Ratio Lower Upper

128 100

129 11.3 9.4 14.0

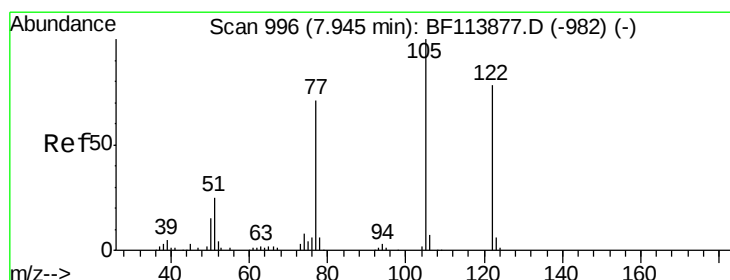
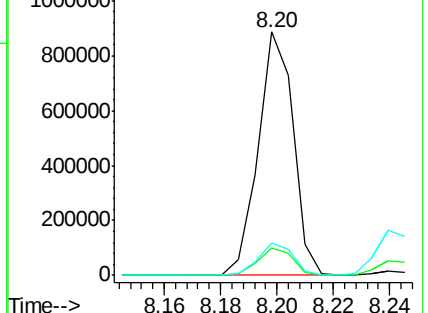
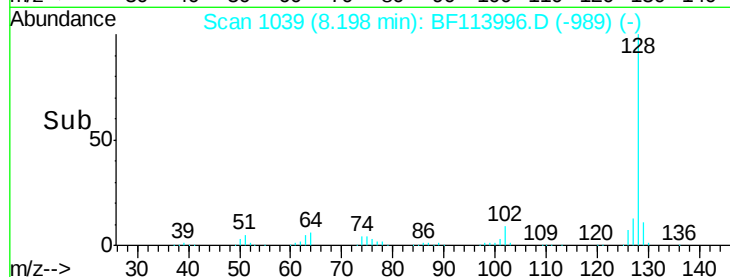
127 13.4 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 17.282 ng

RT: 7.92 min Scan# 991

Delta R.T. -0.03 min

Lab File: BF113996.D

Acq: 25 Apr 2019 23:31

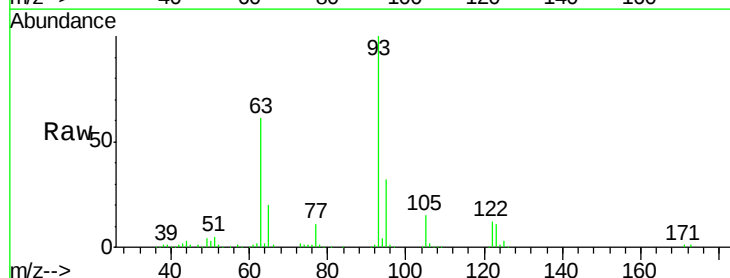
Tgt Ion:122 Resp: 64498

Ion Ratio Lower Upper

122 100

105 127.6 104.3 144.3

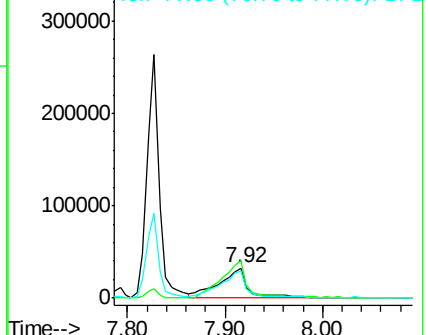
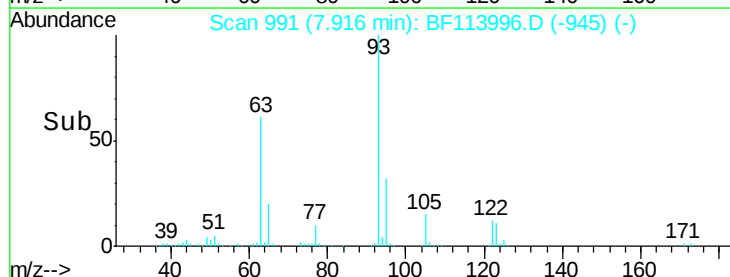
77 89.5 70.4 110.4

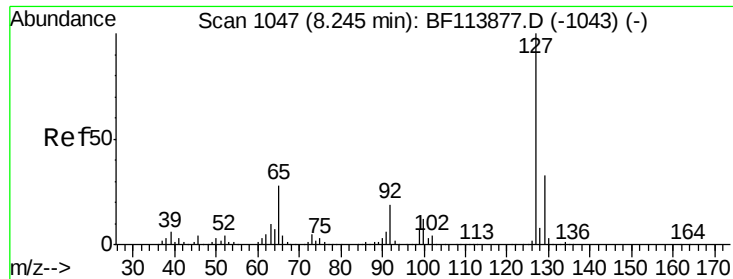


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

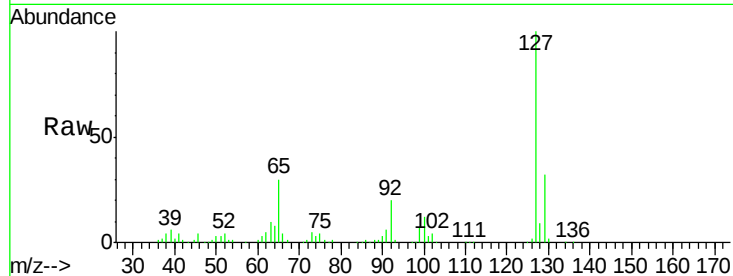




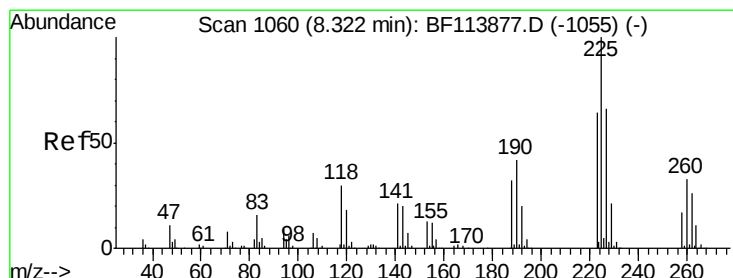
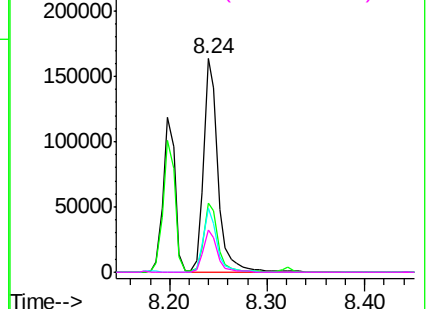
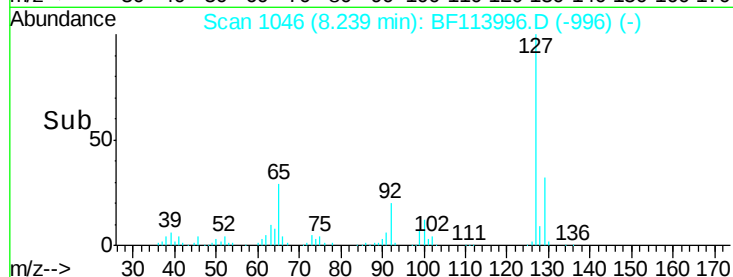
#33  
4-Chloroaniline  
Concen: 20.092 ng  
RT: 8.24 min Scan# 1046  
Delta R.T. -0.01 min  
Lab File: BF113996.D  
Acq: 25 Apr 2019 23:31

Instrument :  
BNA\_F  
ClientSampled :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 127   | Resp: | 167798 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 32.5  | 26.4  | 39.6   |
| 65       | 29.7  | 24.9  | 37.3   |
| 92       | 19.8  | 15.9  | 23.9   |

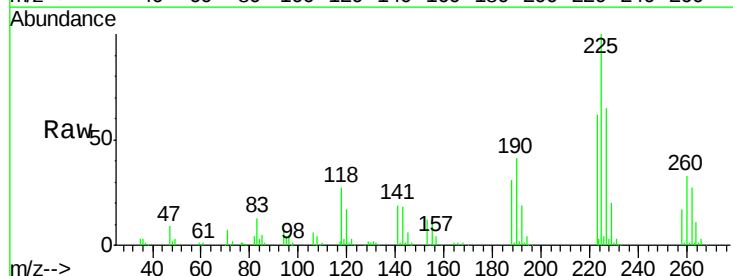


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BF1  
Ion 92.00 (91.70 to 92.70): BF1

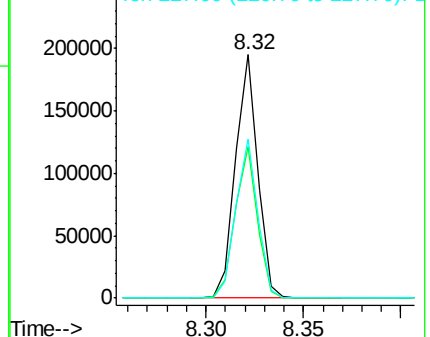
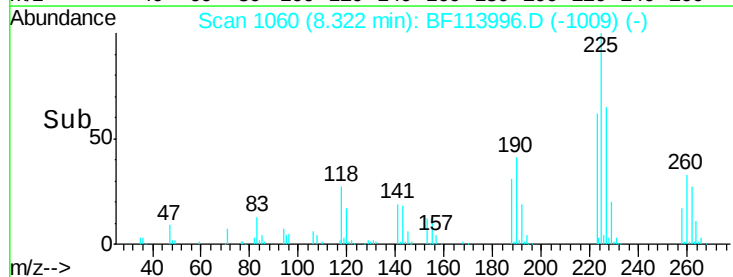


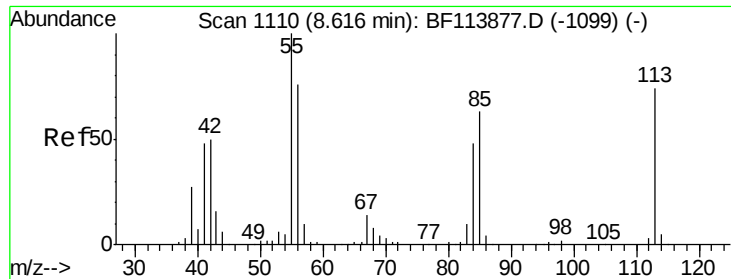
#34  
Hexachlorobutadiene  
Concen: 35.152 ng  
RT: 8.32 min Scan# 1060  
Delta R.T. -0.00 min  
Lab File: BF113996.D  
Acq: 25 Apr 2019 23:31

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 154411 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 62.2  | 51.1  | 76.7   |
| 227      | 65.3  | 49.9  | 74.9   |



Abundance Ion 225.00 (224.70 to 225.70): E  
Ion 223.00 (222.70 to 223.70): E  
Ion 227.00 (226.70 to 227.70): E

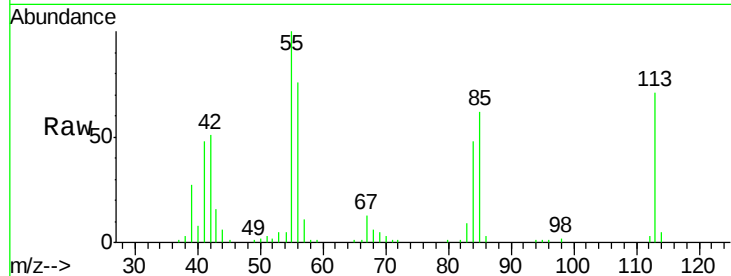




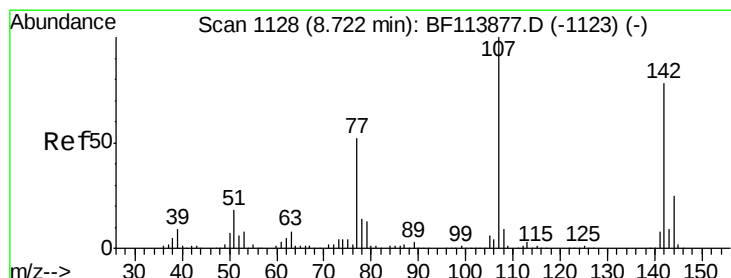
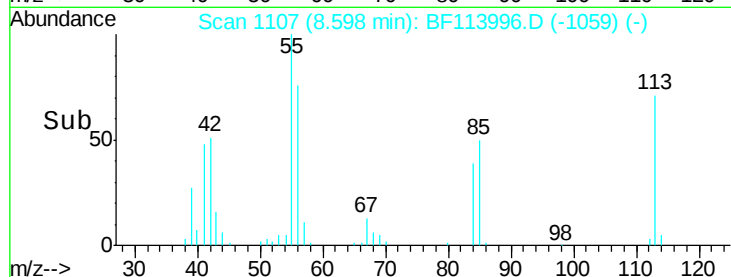
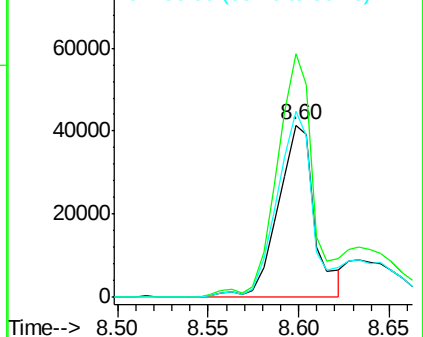
#35  
 Caprolactam  
 Concen: 28.936 ng  
 RT: 8.60 min Scan# 1107  
 Delta R.T. -0.02 min  
 Lab File: BF113996.D  
 Acq: 25 Apr 2019 23:31

Instrument :  
 BNA\_F  
 ClientSampleId :

Tot Ion:113 Resp: 58170  
 Ion Ratio Lower Upper  
 113 100  
 55 141.2 128.6 168.6  
 56 107.9 91.9 131.9

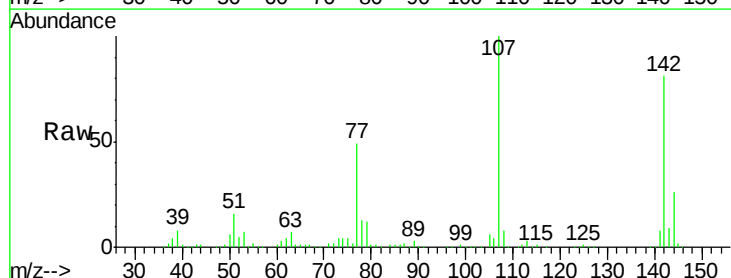


Abundance Ion 113.00 (112.70 to 113.70): E  
 Ion 55.00 (54.70 to 55.70): BF1  
 Ion 56.00 (55.70 to 56.70): BF1

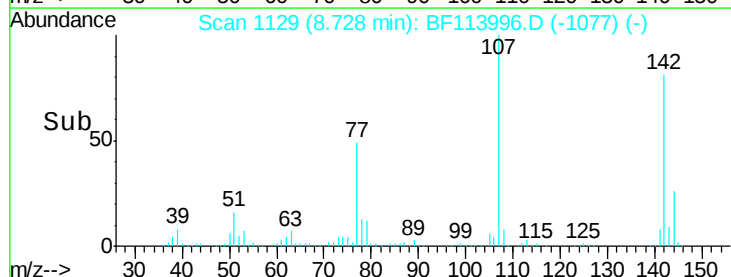
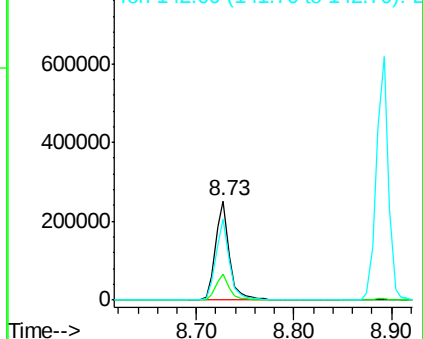


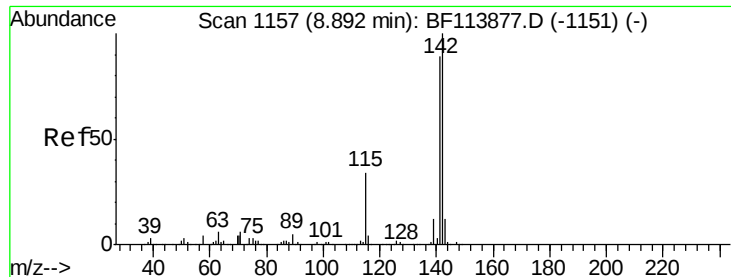
#36  
 4-Chloro-3-methylphenol  
 Concen: 39.353 ng  
 RT: 8.73 min Scan# 1129  
 Delta R.T. 0.01 min  
 Lab File: BF113996.D  
 Acq: 25 Apr 2019 23:31

Tgt Ion:107 Resp: 246387  
 Ion Ratio Lower Upper  
 107 100  
 144 26.2 20.5 30.7  
 142 81.2 64.2 96.4



Abundance Ion 107.00 (106.70 to 107.70): E  
 Ion 144.00 (143.70 to 144.70): E  
 Ion 142.00 (141.70 to 142.70): E

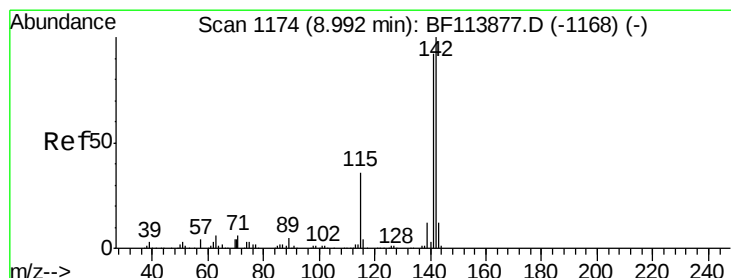
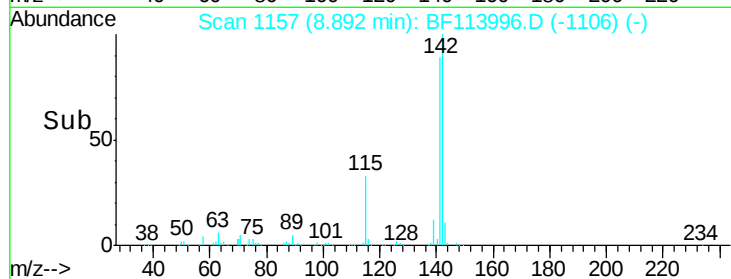
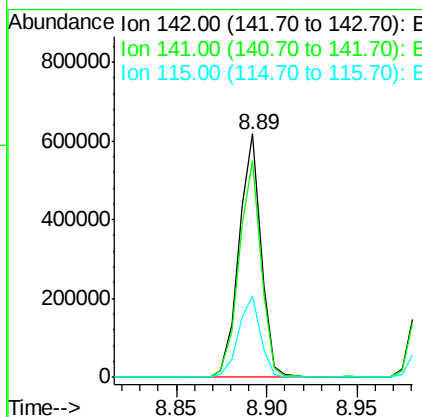
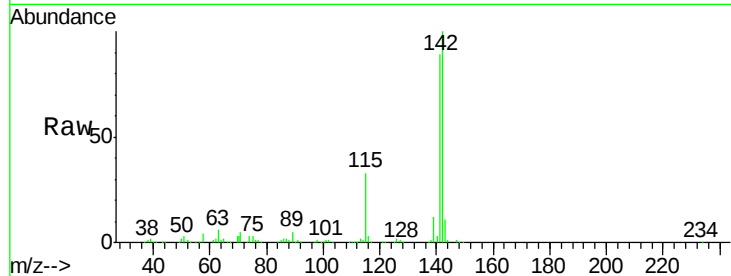




#37  
 2-Methylnaphthalene  
 Concen: 39.187 ng  
 RT: 8.89 min Scan# 1157  
 Delta R.T. 0.00 min  
 Lab File: BF113996.D  
 Acq: 25 Apr 2019 23:31

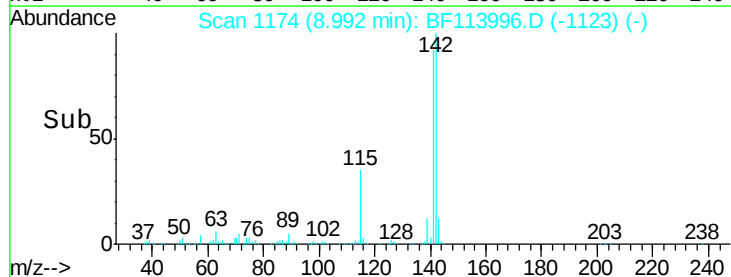
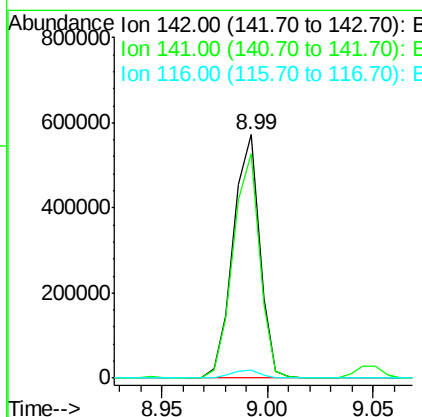
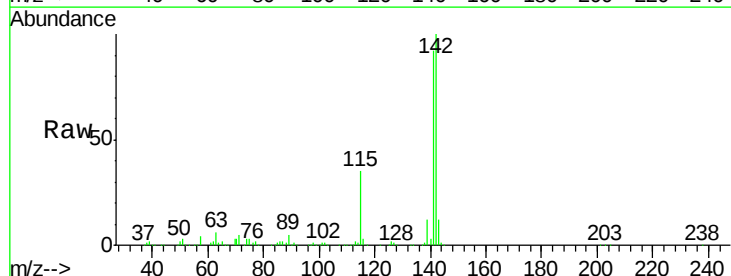
Instrument :  
 BNA\_F  
 ClientSampleId :

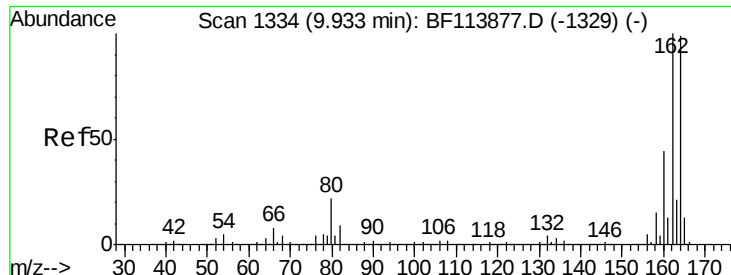
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 89.2  | 70.4  | 105.6 |
| 115     | 33.1  | 26.3  | 39.5  |



#38  
 1-Methylnaphthalene  
 Concen: 38.640 ng  
 RT: 8.99 min Scan# 1174  
 Delta R.T. -0.00 min  
 Lab File: BF113996.D  
 Acq: 25 Apr 2019 23:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 92.1  | 72.3  | 108.5 |
| 116     | 3.5   | 3.0   | 4.4   |

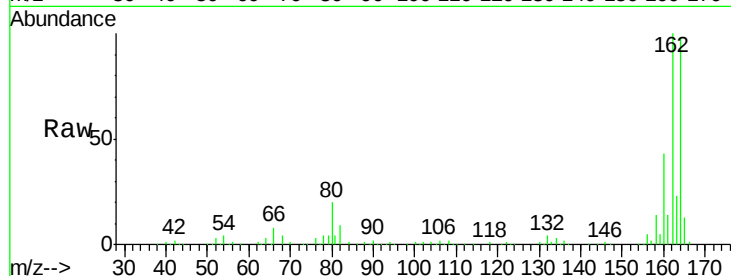




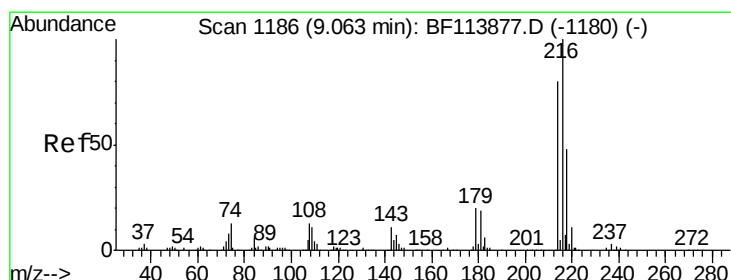
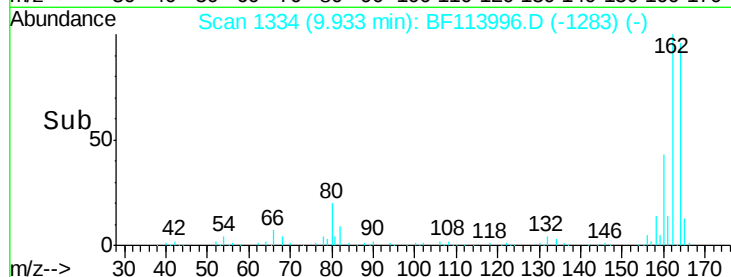
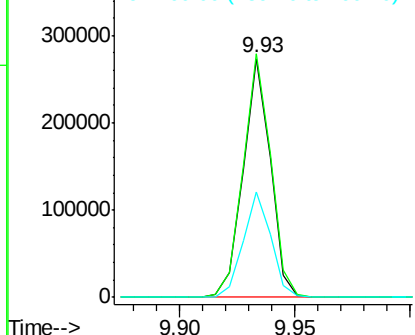
#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.93 min Scan# 1334  
Delta R.T. -0.00 min  
Lab File: BF113996.D  
Acq: 25 Apr 2019 23:31

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:164 Resp: 226122  
Ion Ratio Lower Upper  
164 100  
162 101.8 81.1 121.7  
160 43.9 35.8 53.6

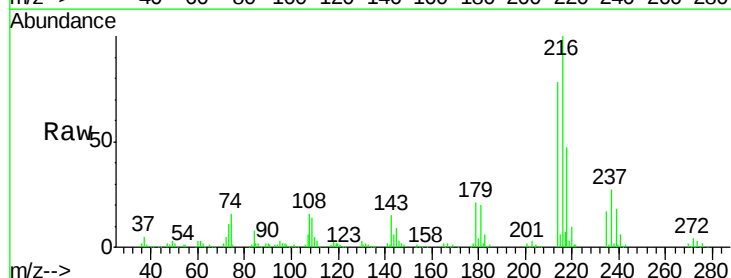


Abundance Ion 164.00 (163.70 to 164.70): E  
Ion 162.00 (161.70 to 162.70): E  
Ion 160.00 (159.70 to 160.70): E

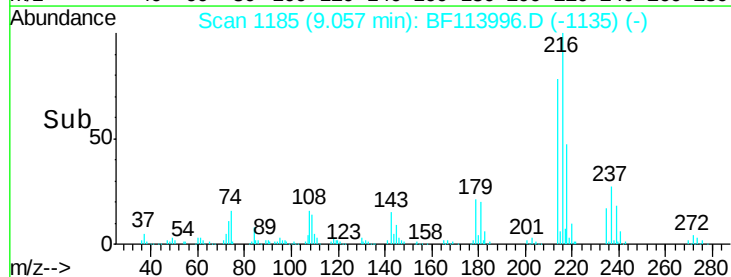
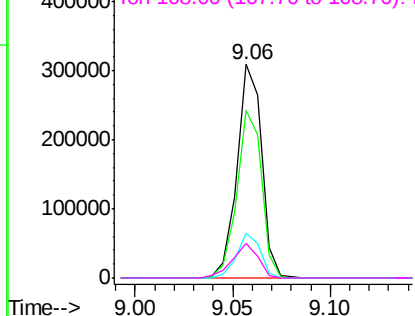


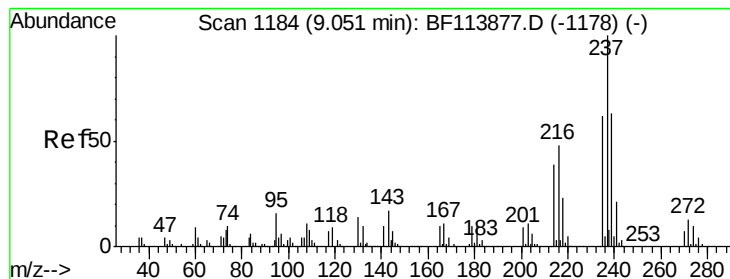
#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 36.787 ng  
RT: 9.06 min Scan# 1185  
Delta R.T. -0.01 min  
Lab File: BF113996.D  
Acq: 25 Apr 2019 23:31

Tgt Ion:216 Resp: 270205  
Ion Ratio Lower Upper  
216 100  
214 78.4 63.5 95.3  
179 20.3 16.1 24.1  
108 16.9 13.4 20.0



Abundance Ion 216.00 (215.70 to 216.70): E  
Ion 214.00 (213.70 to 214.70): E  
Ion 179.00 (178.70 to 179.70): E  
Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 61.000 ng

RT: 9.05 min Scan# 1184

Delta R.T. -0.00 min

Lab File: BF113996.D

Acq: 25 Apr 2019 23:31

Instrument :

BNA\_F

ClientSampleId :

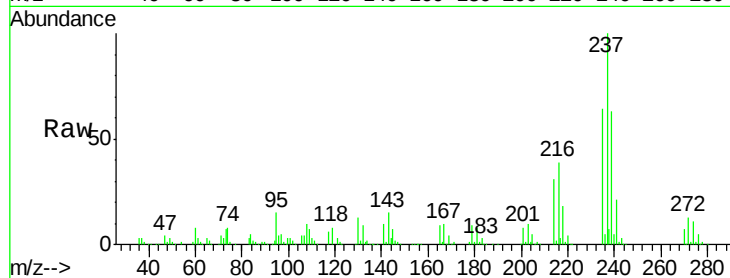
Tot Ion:237 Resp: 249854

Ion Ratio Lower Upper

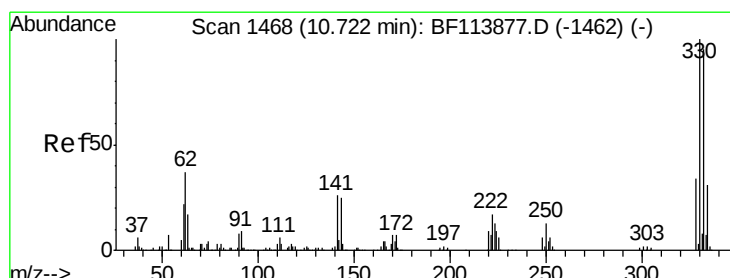
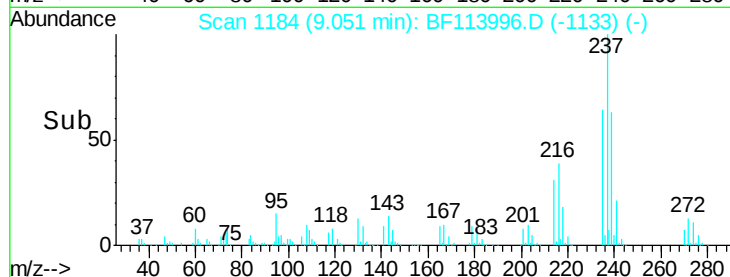
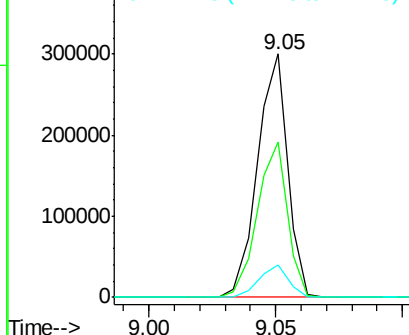
237 100

235 63.8 42.6 82.6

272 13.2 0.0 33.8



Abundance Ion 236.80 (236.50 to 237.50): E  
Ion 234.90 (234.60 to 235.60): E  
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 120.003 ng

RT: 10.72 min Scan# 1468

Delta R.T. -0.00 min

Lab File: BF113996.D

Acq: 25 Apr 2019 23:31

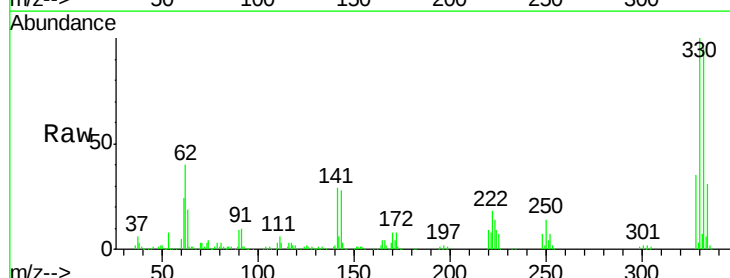
Tgt Ion:330 Resp: 330563

Ion Ratio Lower Upper

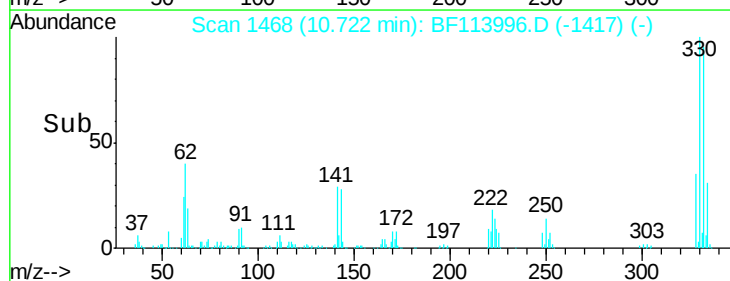
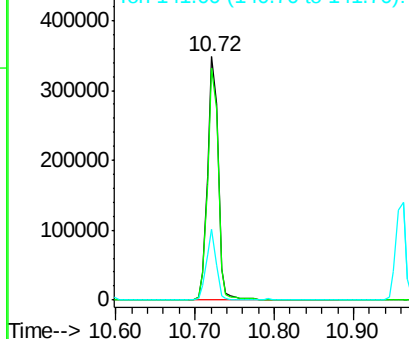
330 100

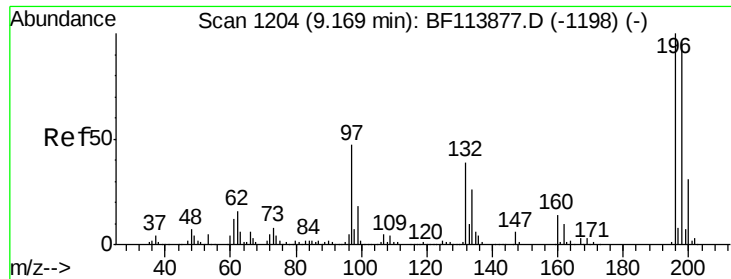
332 96.2 77.5 116.3

141 26.9 22.2 33.2



Abundance Ion 329.80 (329.50 to 330.50): E  
Ion 331.80 (331.50 to 332.50): E  
Ion 141.00 (140.70 to 141.70): E

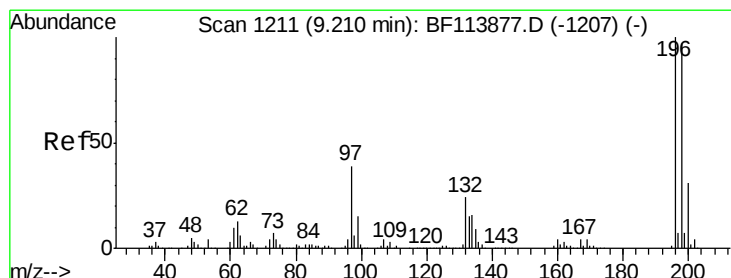
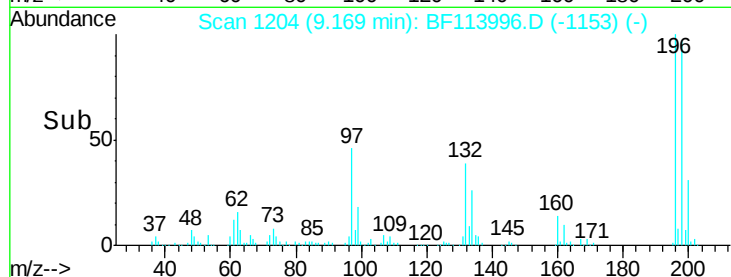
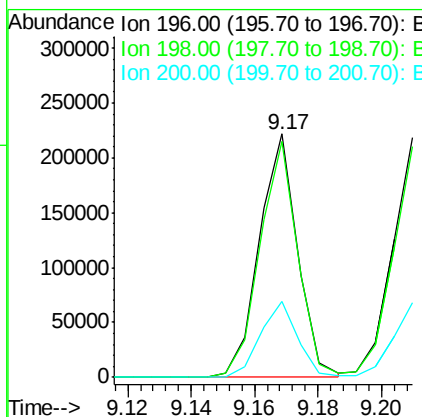
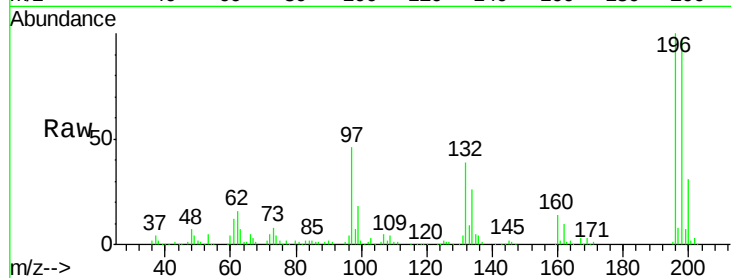




#43  
 2,4,6-Trichlorophenol  
 Concen: 39.821 ng  
 RT: 9.17 min Scan# 1204  
 Delta R.T. 0.00 min  
 Lab File: BF113996.D  
 Acq: 25 Apr 2019 23:31

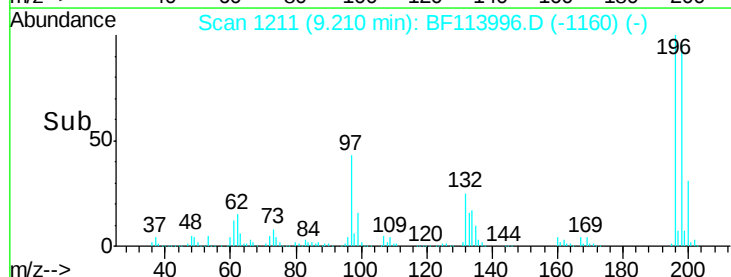
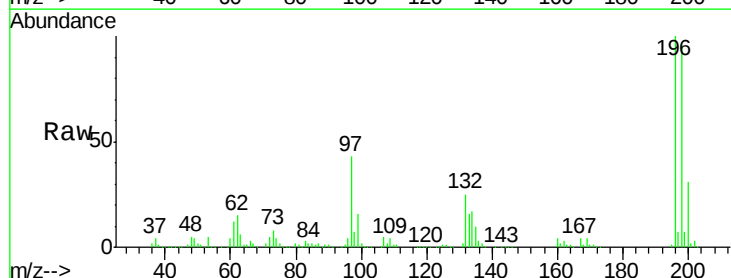
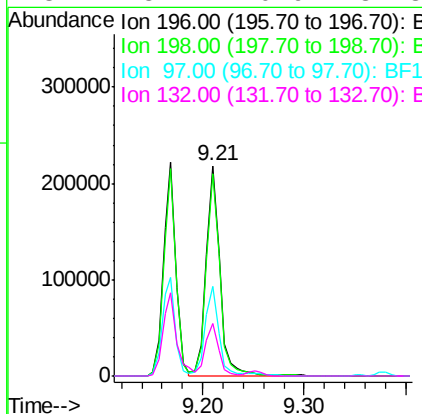
Instrument :  
 BNA\_F  
 ClientSampleId :

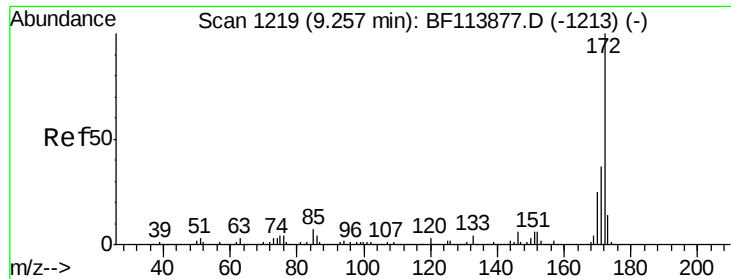
| Tot Ion   | 196   | Resp  | 185730 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 196       | 100   |       |        |
| 198       | 96.9  | 75.6  | 113.4  |
| 200       | 31.0  | 24.7  | 37.1   |



#44  
 2,4,5-Trichlorophenol  
 Concen: 39.351 ng  
 RT: 9.21 min Scan# 1211  
 Delta R.T. -0.00 min  
 Lab File: BF113996.D  
 Acq: 25 Apr 2019 23:31

| Tgt Ion   | 196   | Resp  | 205866 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 196       | 100   |       |        |
| 198       | 96.5  | 76.2  | 114.4  |
| 97        | 42.6  | 35.8  | 53.8   |
| 132       | 25.2  | 20.9  | 31.3   |





#45

2-Fluorobiphenyl

Concen: 73.404 ng

RT: 9.25 min Scan# 1218

Delta R.T. -0.00 min

Lab File: BF113996.D

Acq: 25 Apr 2019 23:31

Instrument :

BNA\_F

ClientSampleId :

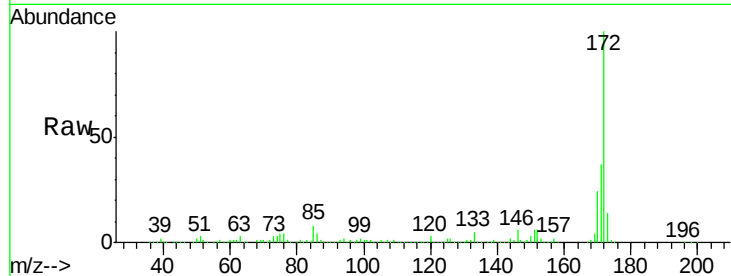
Tot Ion:172 Resp: 1061255

Ion Ratio Lower Upper

172 100

171 36.6 29.4 44.0

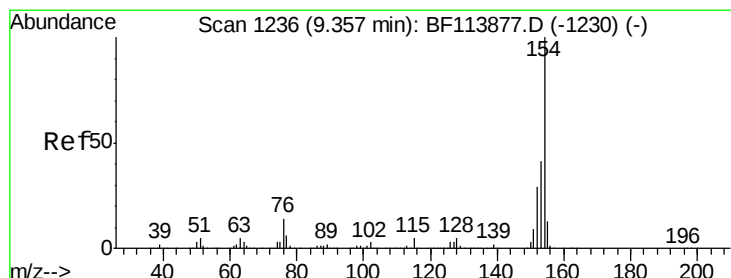
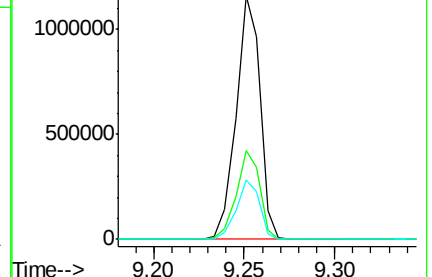
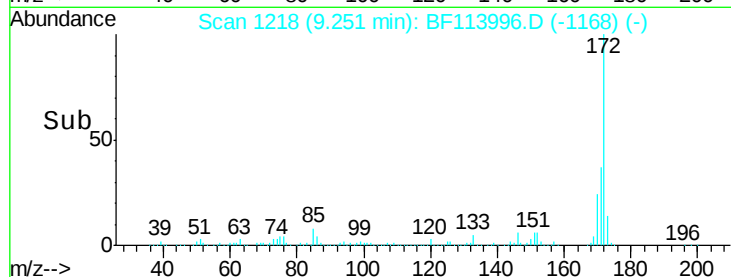
170 24.2 19.9 29.9



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46

1,1'-Biphenyl

Concen: 38.310 ng

RT: 9.35 min Scan# 1235

Delta R.T. -0.01 min

Lab File: BF113996.D

Acq: 25 Apr 2019 23:31

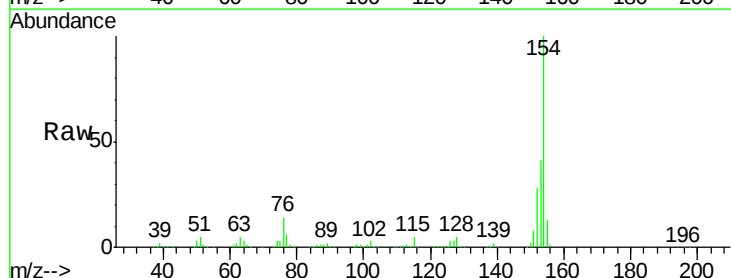
Tgt Ion:154 Resp: 661767

Ion Ratio Lower Upper

154 100

153 40.8 20.8 60.8

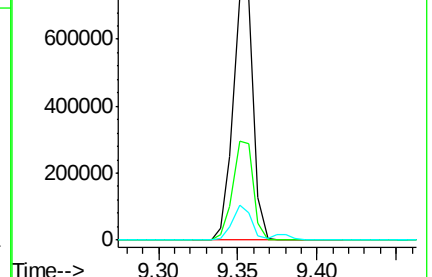
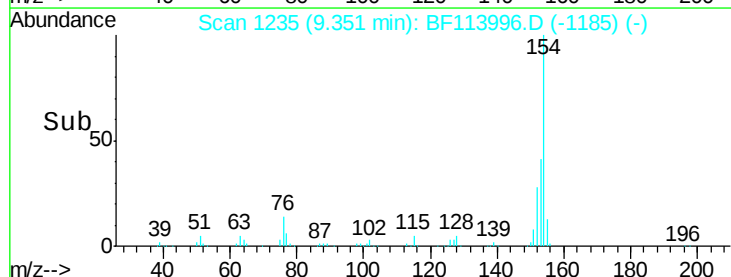
76 14.2 0.0 35.2

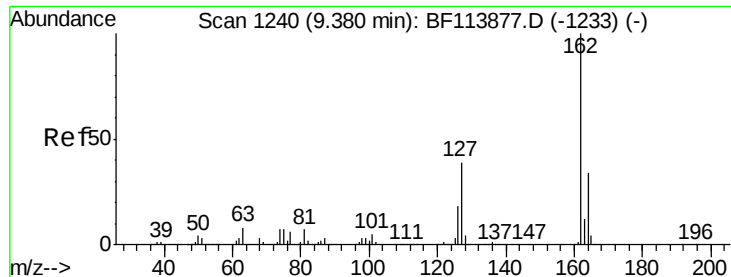


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1

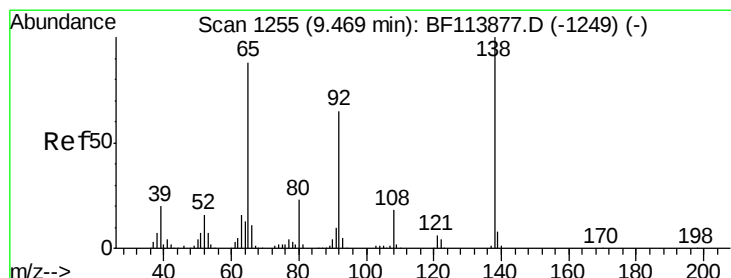
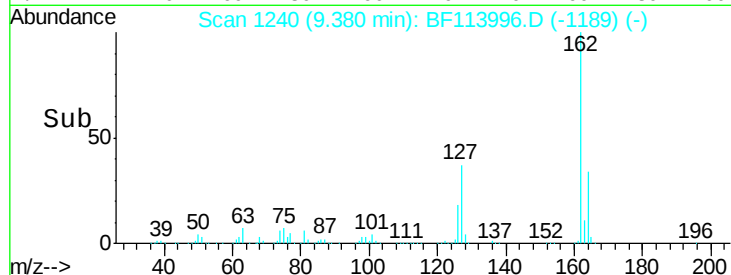
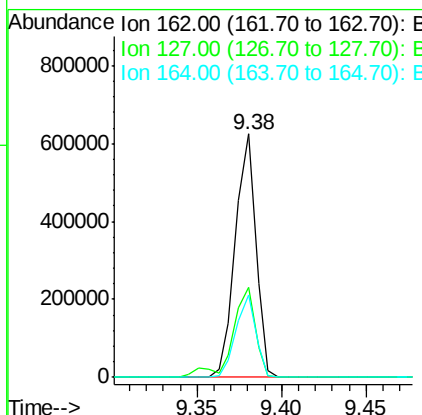
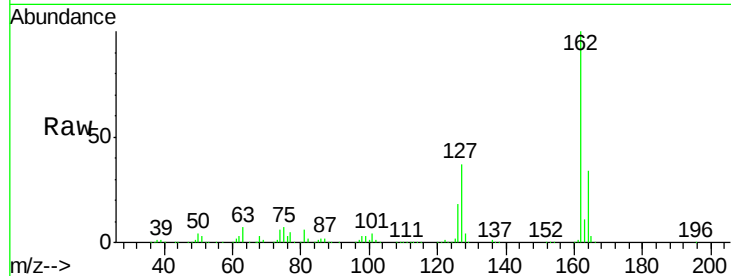




#47  
 2-Chloronaphthalene  
 Concen: 37.667 ng  
 RT: 9.38 min Scan# 1240  
 Delta R.T. 0.00 min  
 Lab File: BF113996.D  
 Acq: 25 Apr 2019 23:31

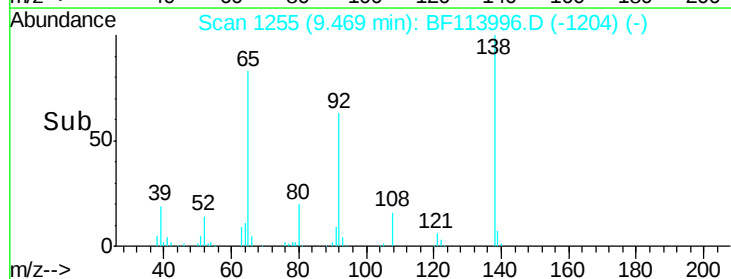
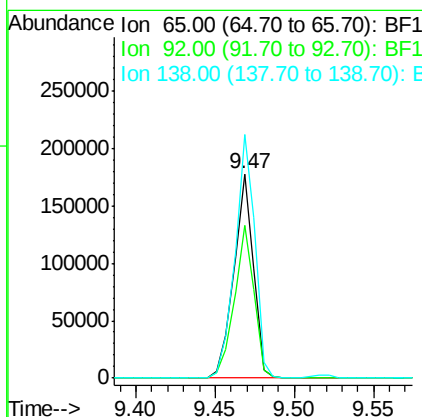
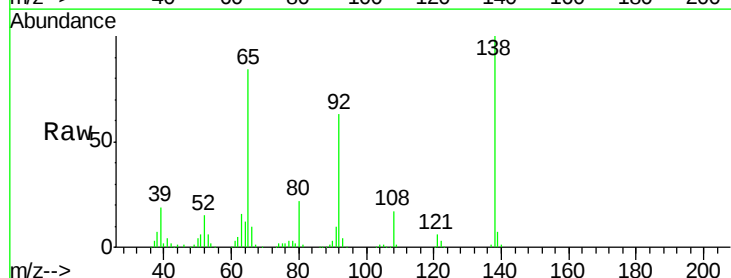
Instrument :  
 BNA\_F  
 ClientSampleId :

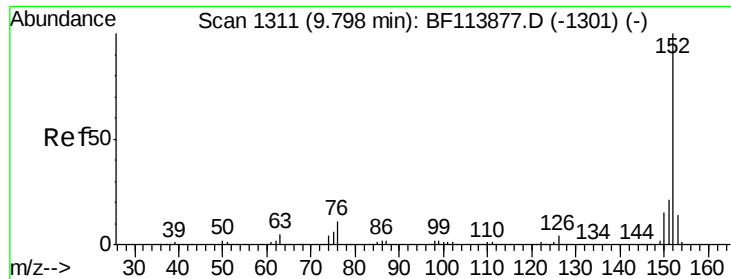
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 37.0  | 29.3  | 43.9  |
| 164     | 33.6  | 27.1  | 40.7  |



#48  
 2-Nitroaniline  
 Concen: 41.558 ng  
 RT: 9.47 min Scan# 1255  
 Delta R.T. 0.00 min  
 Lab File: BF113996.D  
 Acq: 25 Apr 2019 23:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 75.0  | 57.4  | 86.0  |
| 138     | 119.2 | 85.4  | 128.0 |





#49

Acenaphthylene

Concen: 37.735 ng

RT: 9.80 min Scan# 1311

Delta R.T. -0.00 min

Lab File: BF113996.D

Acq: 25 Apr 2019 23:31

Instrument :

BNA\_F

ClientSampleId :

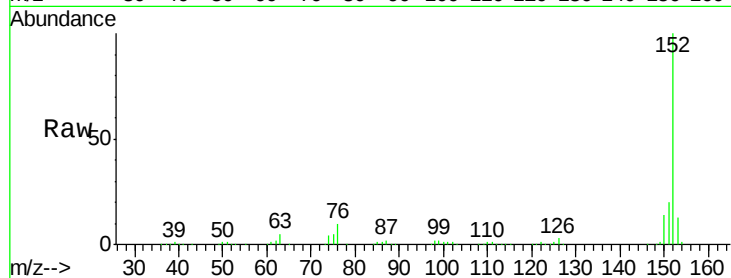
Tot Ion:152 Resp: 829860

Ion Ratio Lower Upper

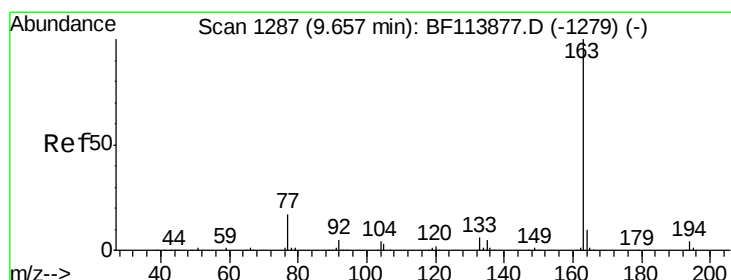
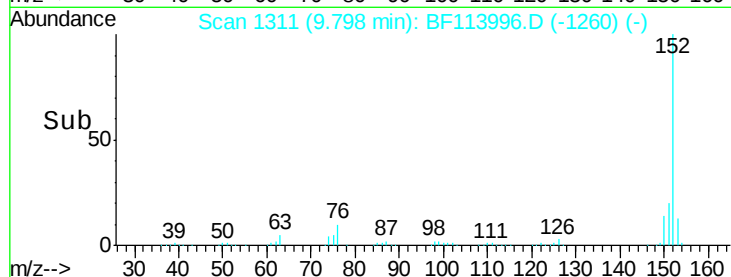
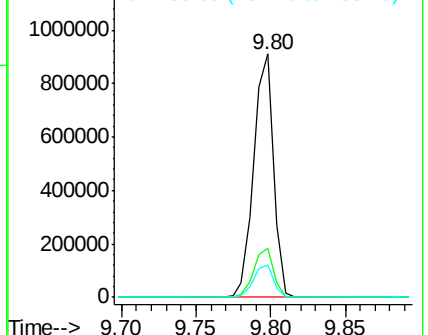
152 100

151 20.1 17.0 25.4

153 13.2 11.0 16.6



Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 151.00 (150.70 to 151.70): E  
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 50.654 ng

RT: 9.65 min Scan# 1286

Delta R.T. -0.01 min

Lab File: BF113996.D

Acq: 25 Apr 2019 23:31

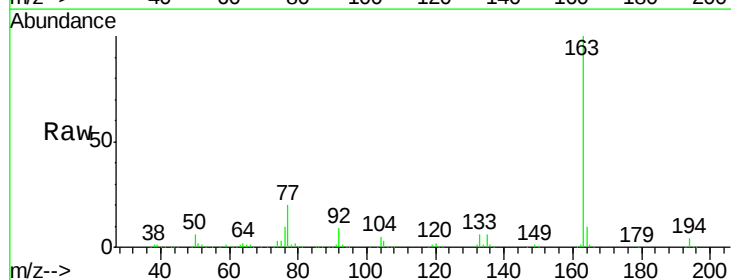
Tgt Ion:163 Resp: 828371

Ion Ratio Lower Upper

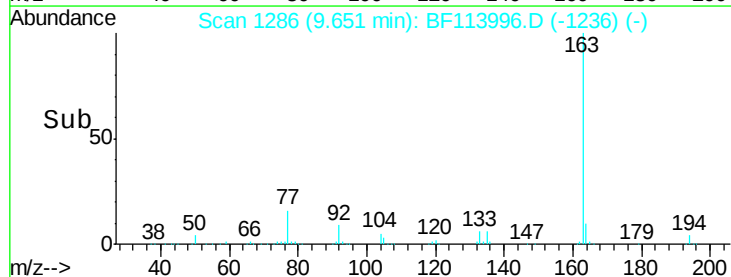
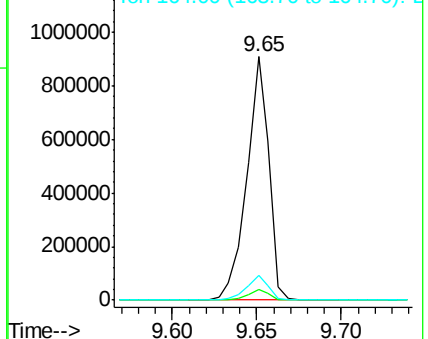
163 100

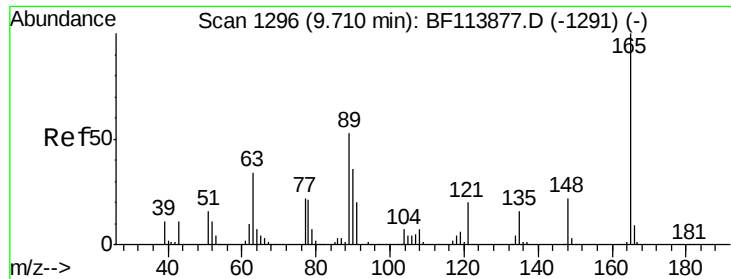
194 4.3 3.4 5.2

164 10.4 8.5 12.7



Abundance Ion 163.00 (162.70 to 163.70): E  
Ion 194.00 (193.70 to 194.70): E  
Ion 164.00 (163.70 to 164.70): E

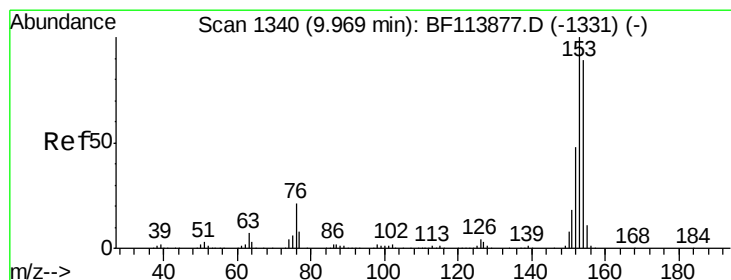
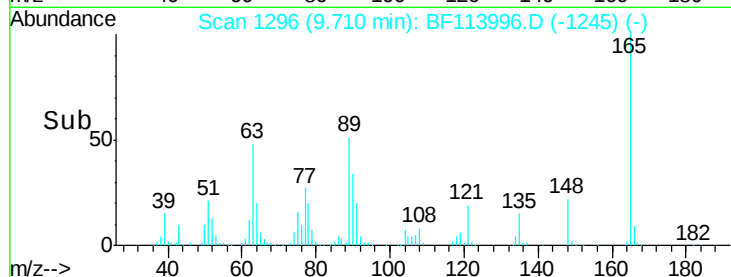
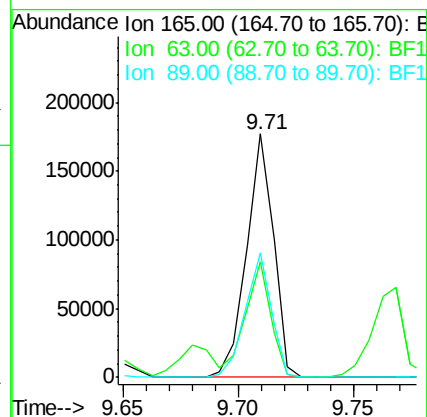
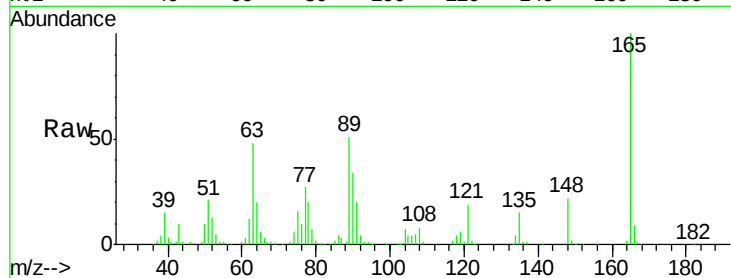




#51  
2,6-Dinitrotoluene  
Concen: 41.357 ng  
RT: 9.71 min Scan# 1296  
Delta R.T. -0.00 min  
Lab File: BF113996.D  
Acq: 25 Apr 2019 23:31

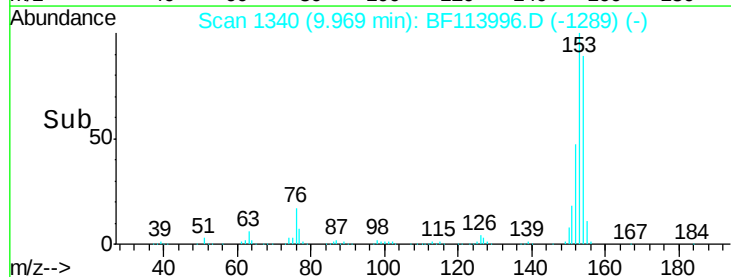
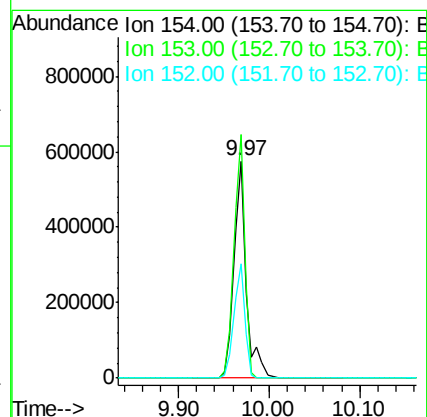
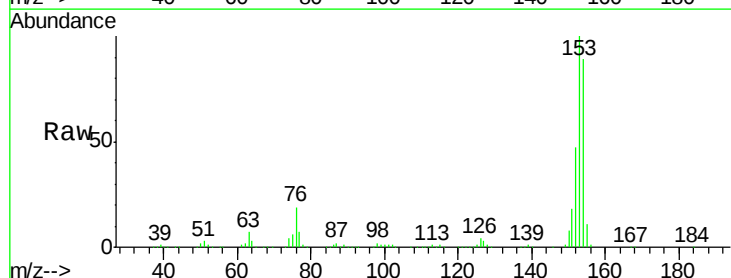
Instrument :  
BNA\_F  
ClientSampleId :

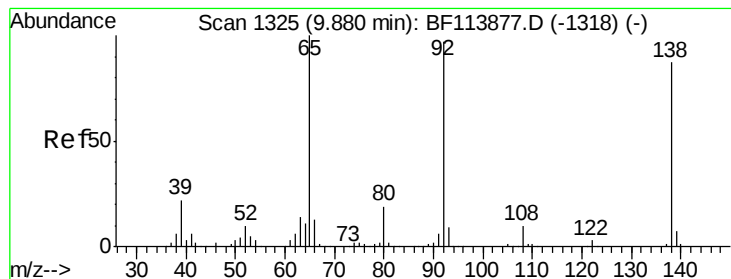
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 47.6  | 33.8  | 50.8  |
| 89      | 51.1  | 38.2  | 57.2  |



#52  
Acenaphthene  
Concen: 41.735 ng  
RT: 9.97 min Scan# 1340  
Delta R.T. 0.00 min  
Lab File: BF113996.D  
Acq: 25 Apr 2019 23:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 112.0 | 87.2  | 130.8 |
| 152     | 52.8  | 42.3  | 63.5  |





#53

3-Nitroaniline

Concen: 29.735 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.01 min

Lab File: BF113996.D

Acq: 25 Apr 2019 23:31

Instrument :

BNA\_F

ClientSampleId :

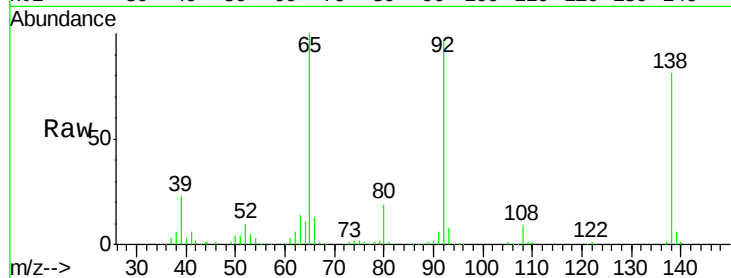
Tot Ion:138 Resp: 109626

Ion Ratio Lower Upper

138 100

108 10.7 9.4 14.2

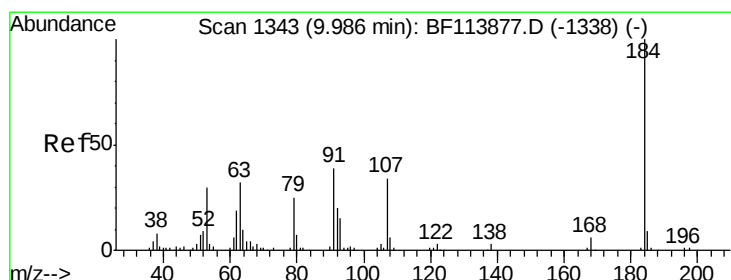
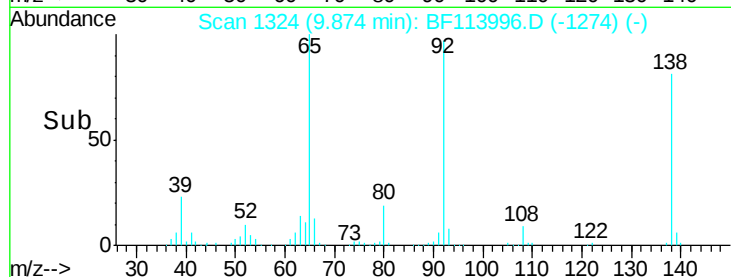
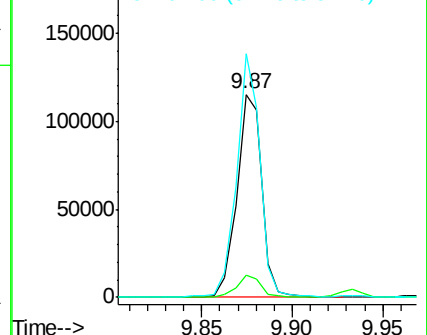
92 120.1 94.1 141.1



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54

2,4-Dinitrophenol

Concen: 78.350 ng

RT: 9.99 min Scan# 1343

Delta R.T. 0.00 min

Lab File: BF113996.D

Acq: 25 Apr 2019 23:31

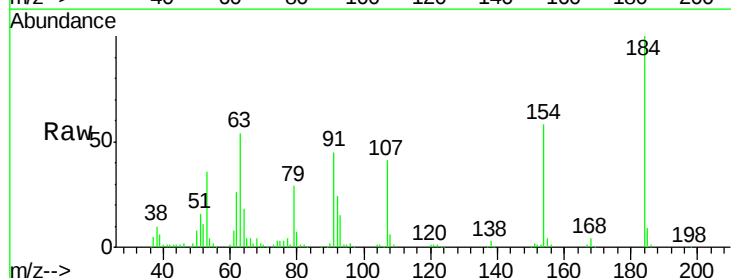
Tgt Ion:184 Resp: 118640

Ion Ratio Lower Upper

184 100

63 54.5 54.6 81.8#

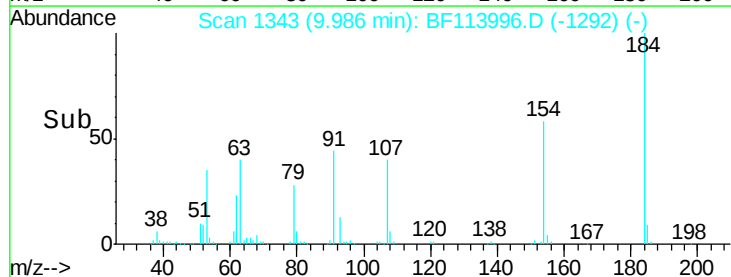
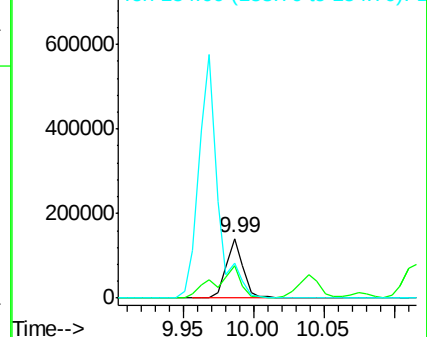
154 58.5 218.6 328.0#

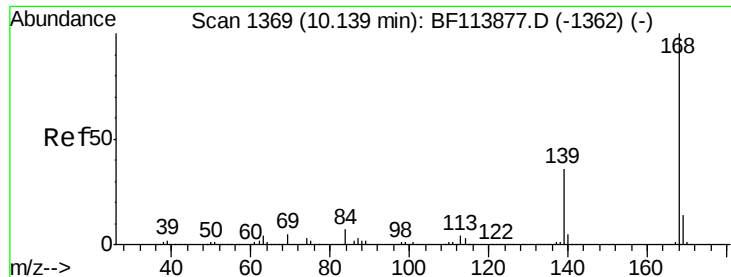


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

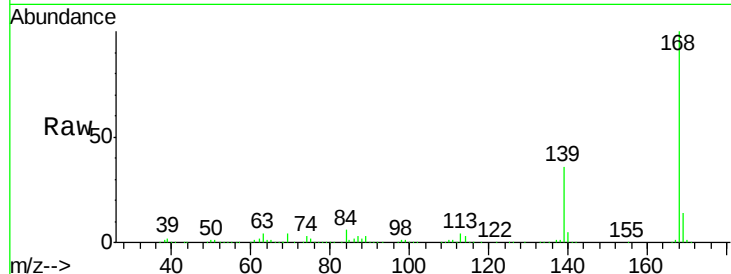




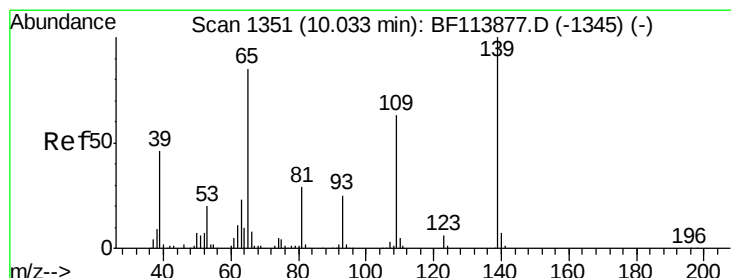
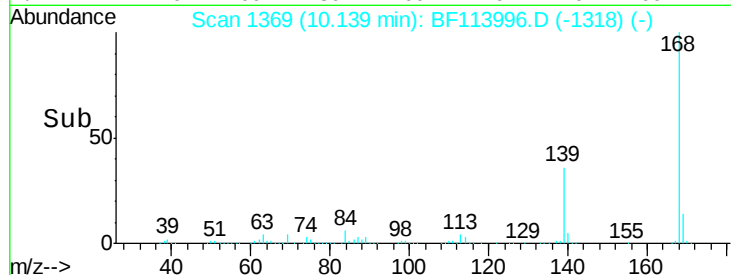
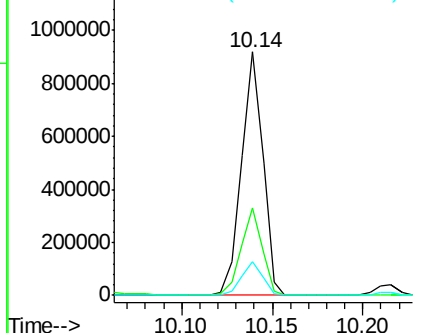
#55  
Dibenzenofuran  
Concen: 38.933 ng  
RT: 10.14 min Scan# 1369  
Delta R.T. -0.00 min  
Lab File: BF113996.D  
Acq: 25 Apr 2019 23:31

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:168 Resp: 757961  
Ion Ratio Lower Upper  
168 100  
139 35.7 27.8 41.6  
169 13.7 11.0 16.6

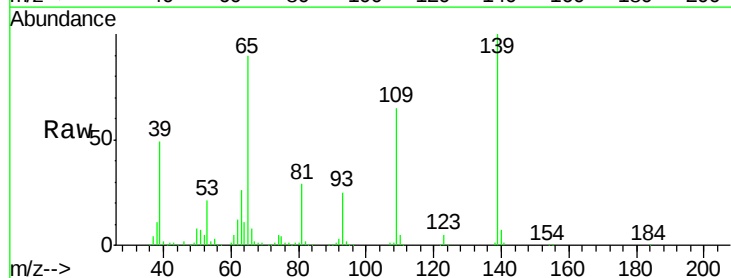


Abundance Ion 168.00 (167.70 to 168.70): E  
Ion 139.00 (138.70 to 139.70): E  
Ion 169.00 (168.70 to 169.70): E

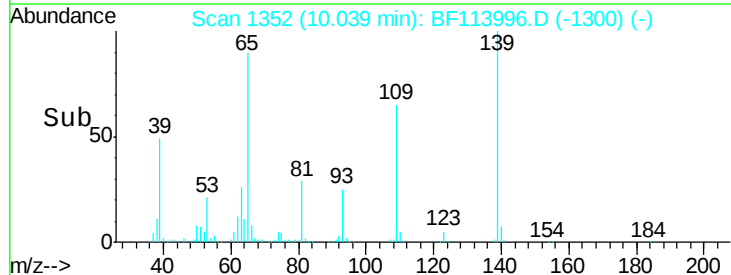
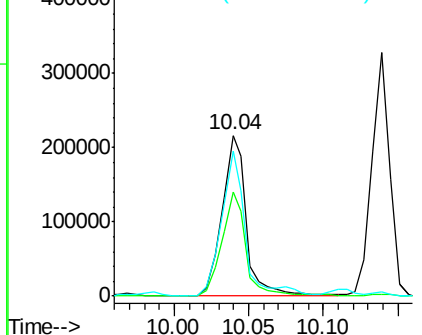


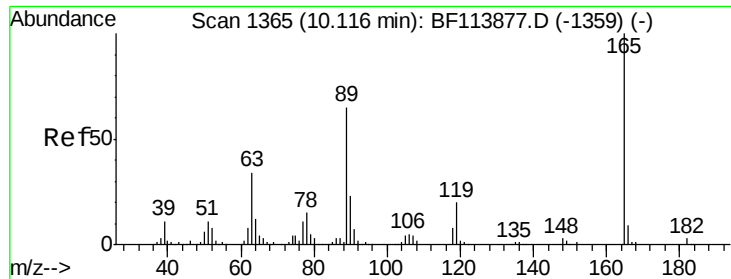
#56  
4-Nitrophenol  
Concen: 85.397 ng  
RT: 10.04 min Scan# 1352  
Delta R.T. 0.01 min  
Lab File: BF113996.D  
Acq: 25 Apr 2019 23:31

Tgt Ion:139 Resp: 249281  
Ion Ratio Lower Upper  
139 100  
109 65.1 42.9 82.9  
65 90.1 64.4 104.4



Abundance Ion 139.00 (138.70 to 139.70): E  
Ion 109.00 (108.70 to 109.70): E  
Ion 65.00 (64.70 to 65.70): BF1

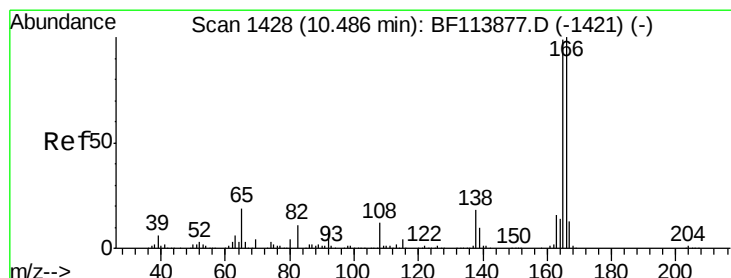
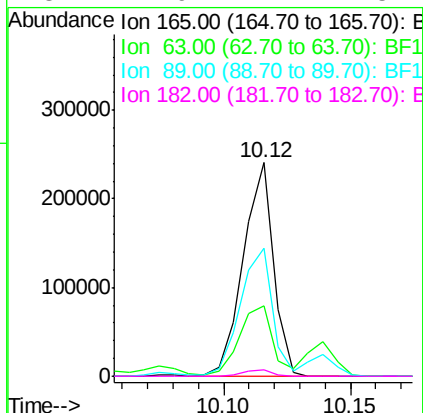
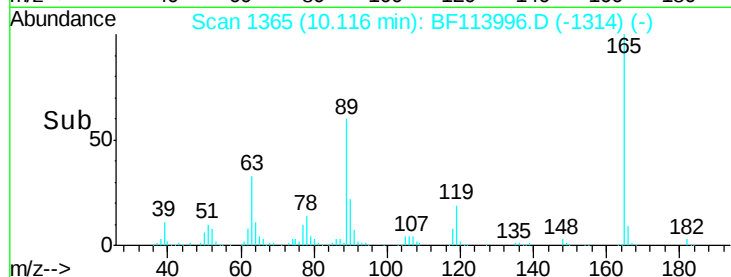
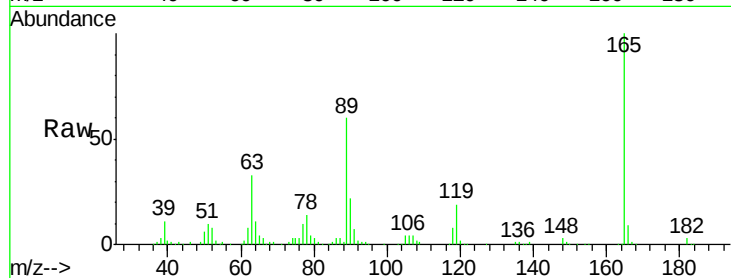




#57  
2,4-Dinitrotoluene  
Concen: 45.268 ng  
RT: 10.12 min Scan# 1365  
Delta R.T. 0.00 min  
Lab File: BF113996.D  
Acq: 25 Apr 2019 23:31

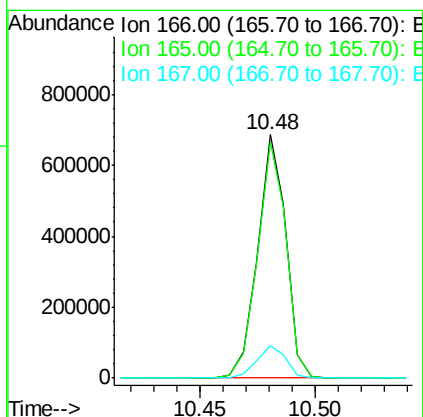
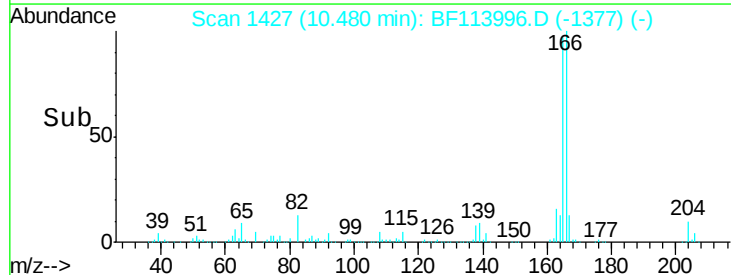
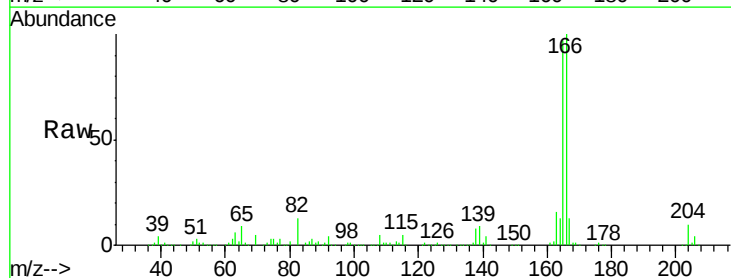
Instrument :  
BNA\_F  
ClientSampleId :

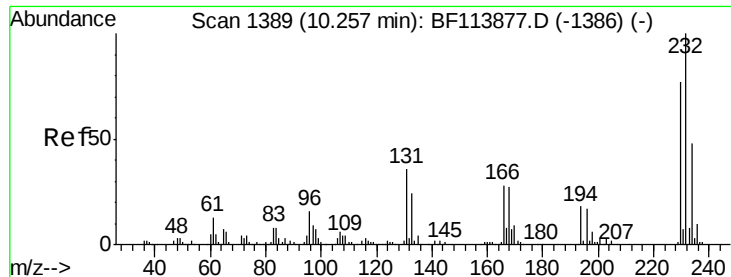
|             |       |           |
|-------------|-------|-----------|
| Tot Ion:165 | Resp: | 200466    |
| Ion Ratio   | Lower | Upper     |
| 165         | 100   |           |
| 63          | 32.9  | 27.4 41.0 |
| 89          | 59.9  | 51.8 77.6 |
| 182         | 2.9   | 2.2 3.2   |



#58  
Fluorene  
Concen: 39.819 ng  
RT: 10.48 min Scan# 1427  
Delta R.T. -0.01 min  
Lab File: BF113996.D  
Acq: 25 Apr 2019 23:31

|             |       |            |
|-------------|-------|------------|
| Tgt Ion:166 | Resp: | 583625     |
| Ion Ratio   | Lower | Upper      |
| 166         | 100   |            |
| 165         | 97.0  | 78.4 117.6 |
| 167         | 13.2  | 10.9 16.3  |

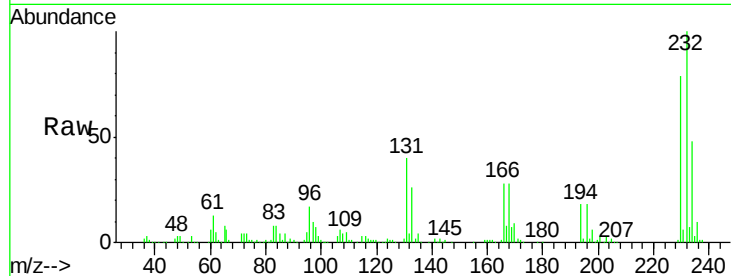




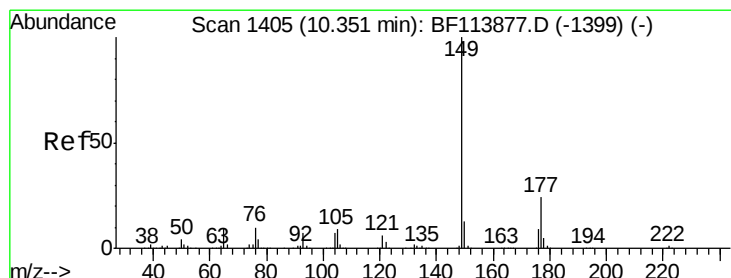
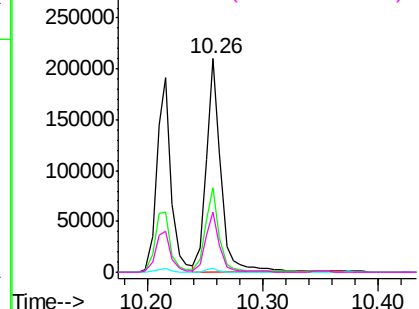
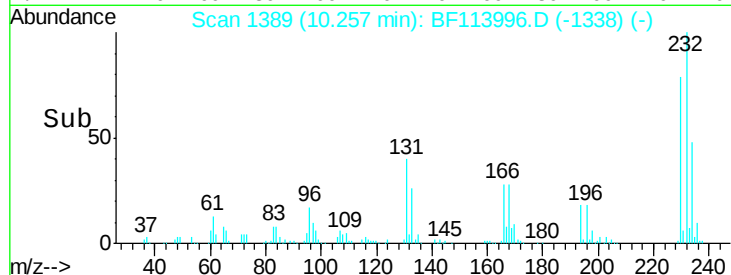
#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 40.547 ng  
 RT: 10.26 min Scan# 1389  
 Delta R.T. 0.00 min  
 Lab File: BF113996.D  
 Acq: 25 Apr 2019 23:31

Instrument :  
 BNA\_F  
 ClientSampleId :

Tot Ion:232 Resp: 186409  
 Ion Ratio Lower Upper  
 232 100  
 131 39.6 30.2 45.2  
 130 1.7 1.5 2.3  
 166 27.4 22.2 33.4

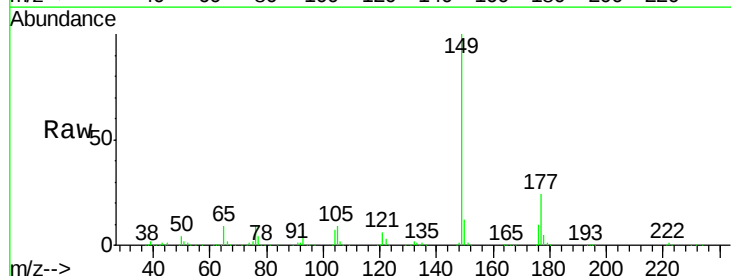


Abundance Ion 232.00 (231.70 to 232.70): E  
 Ion 131.00 (130.70 to 131.70): E  
 Ion 130.00 (129.70 to 130.70): E  
 Ion 166.00 (165.70 to 166.70): E

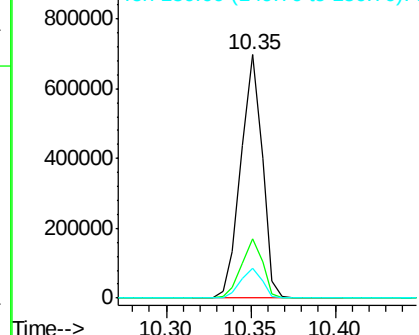
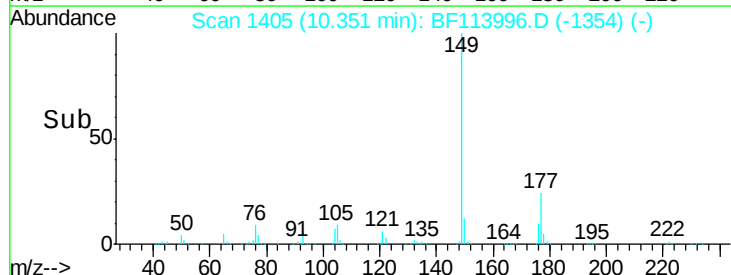


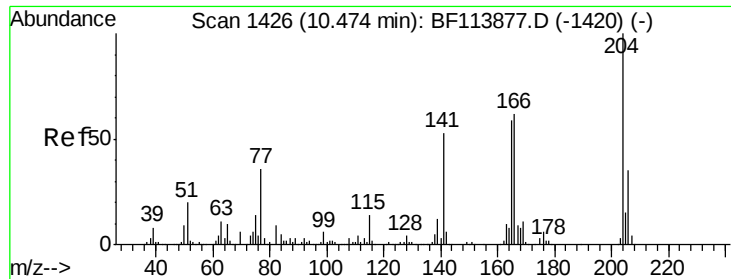
#60  
 Diethylphthalate  
 Concen: 39.653 ng  
 RT: 10.35 min Scan# 1405  
 Delta R.T. -0.00 min  
 Lab File: BF113996.D  
 Acq: 25 Apr 2019 23:31

Tgt Ion:149 Resp: 615791  
 Ion Ratio Lower Upper  
 149 100  
 177 24.3 19.2 28.8  
 150 12.4 10.3 15.5



Abundance Ion 149.00 (148.70 to 149.70): E  
 Ion 177.00 (176.70 to 177.70): E  
 Ion 150.00 (149.70 to 150.70): E

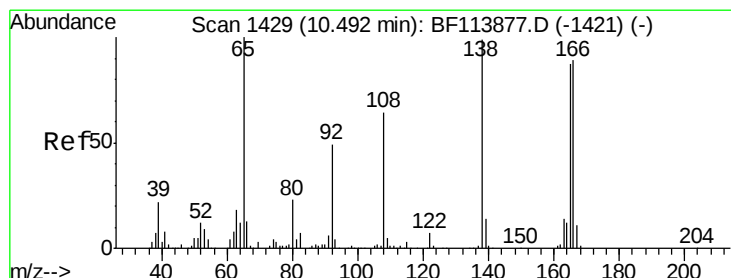
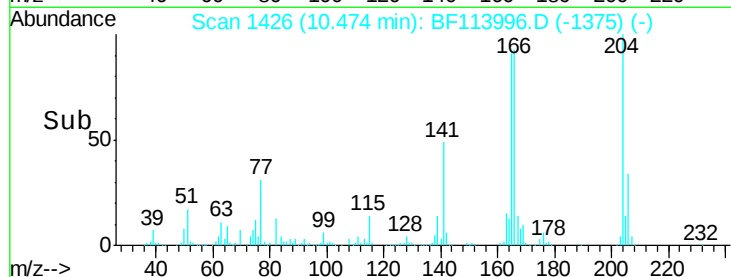
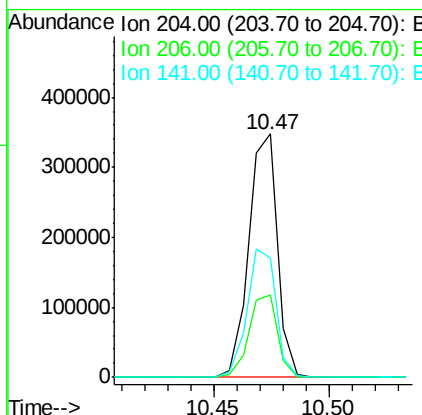
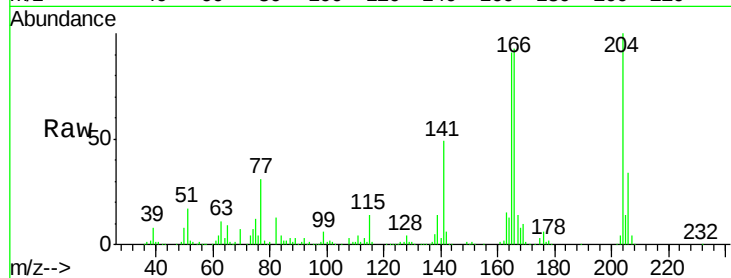




#61  
4-Chlorophenyl-phenylether  
Concen: 38.958 ng  
RT: 10.47 min Scan# 1426  
Delta R.T. 0.00 min  
Lab File: BF113996.D  
Acq: 25 Apr 2019 23:31

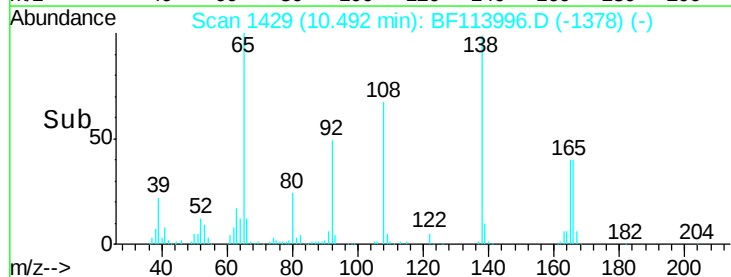
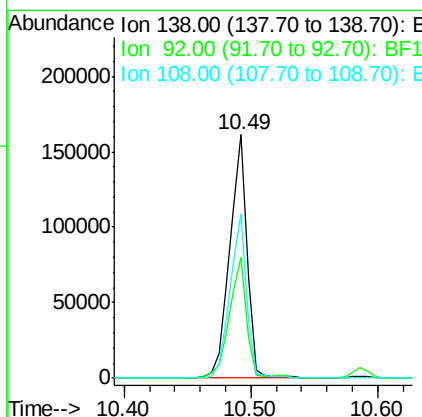
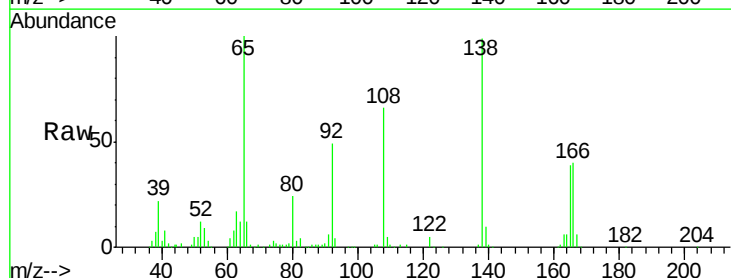
Instrument :  
BNA\_F  
ClientSampled :

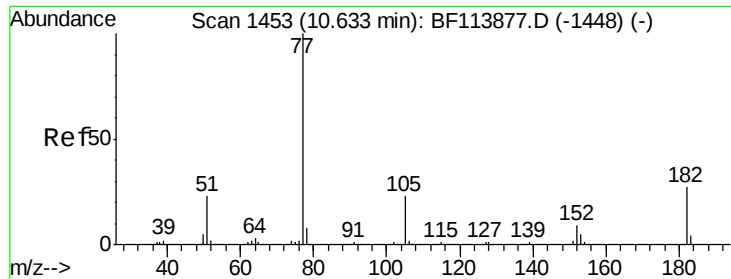
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 33.7  | 27.4  | 41.2  |
| 141     | 49.1  | 42.6  | 63.8  |



#62  
4-Nitroaniline  
Concen: 42.258 ng  
RT: 10.49 min Scan# 1429  
Delta R.T. -0.00 min  
Lab File: BF113996.D  
Acq: 25 Apr 2019 23:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 49.4  | 31.3  | 71.3  |
| 108     | 67.3  | 48.9  | 88.9  |

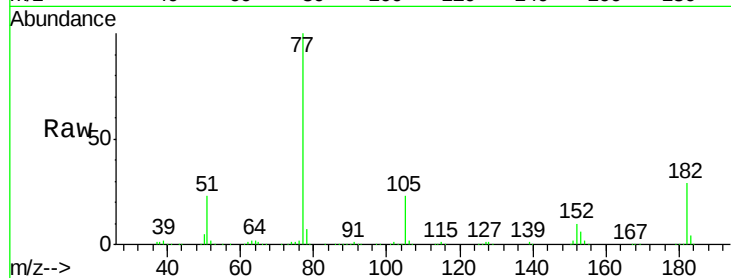




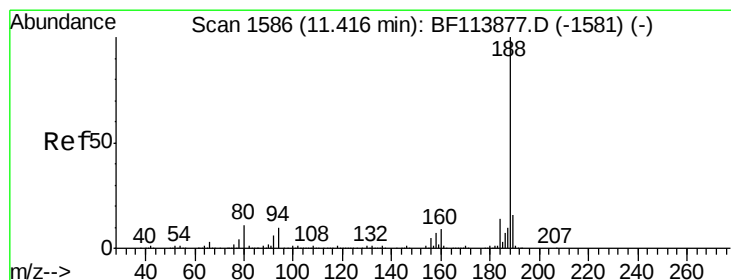
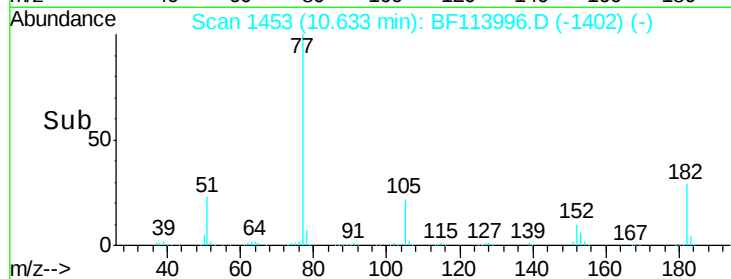
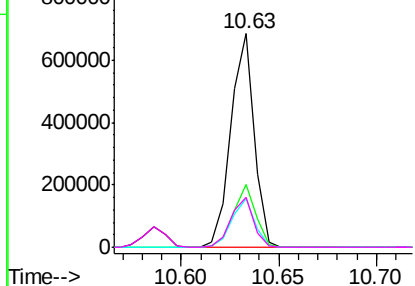
#63  
Azobenzene  
Concen: 37.574 ng  
RT: 10.63 min Scan# 1453  
Delta R.T. -0.00 min  
Lab File: BF113996.D  
Acq: 25 Apr 2019 23:31

Instrument :  
BNA\_F  
ClientSampleId :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 77    | Resp: | 565531 |
| Ion      | Ratio | Lower | Upper  |
| 77       | 100   |       |        |
| 182      | 29.4  | 4.4   | 44.4   |
| 105      | 22.7  | 2.2   | 42.2   |
| 51       | 23.1  | 3.9   | 43.9   |

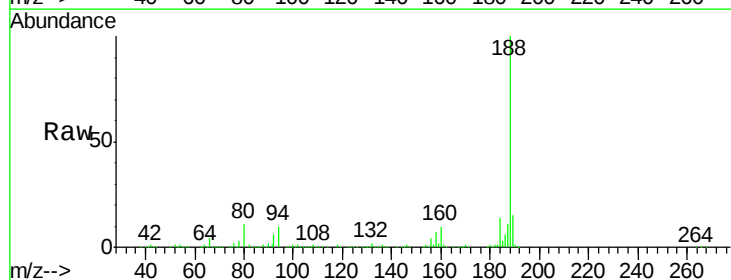


Abundance Ion 77.00 (76.70 to 77.70): BF1  
Ion 182.00 (181.70 to 182.70): E  
Ion 105.00 (104.70 to 105.70): E  
Ion 51.00 (50.70 to 51.70): BF1

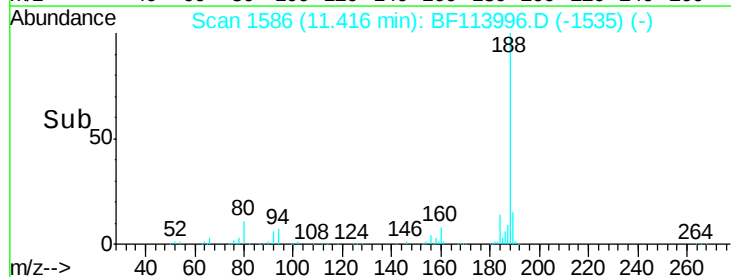
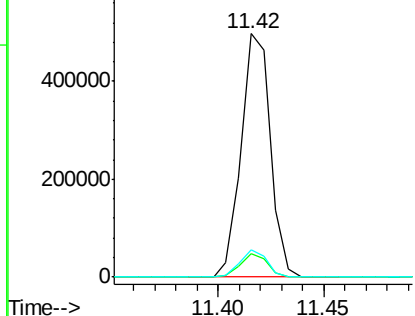


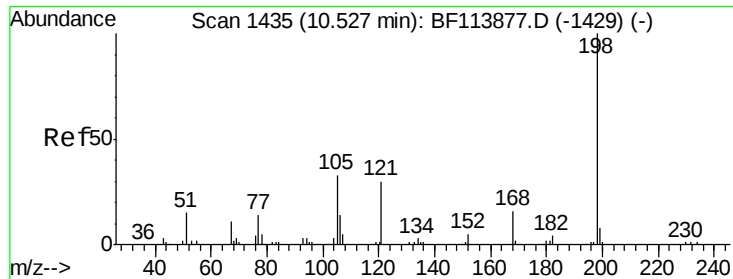
#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.42 min Scan# 1586  
Delta R.T. -0.00 min  
Lab File: BF113996.D  
Acq: 25 Apr 2019 23:31

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 188   | Resp: | 478721 |
| Ion      | Ratio | Lower | Upper  |
| 188      | 100   |       |        |
| 94       | 9.8   | 8.2   | 12.4   |
| 80       | 11.1  | 9.0   | 13.6   |



Abundance Ion 188.00 (187.70 to 188.70): E  
Ion 94.00 (93.70 to 94.70): BF1  
Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 41.288 ng

RT: 10.53 min Scan# 1435

Delta R.T. 0.00 min

Lab File: BF113996.D

Acq: 25 Apr 2019 23:31

Instrument :

BNA\_F

ClientSampleId :

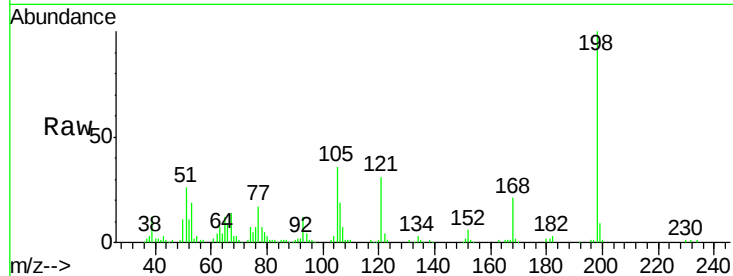
Tot Ion:198 Resp: 87949

Ion Ratio Lower Upper

198 100

51 26.2 11.1 51.1

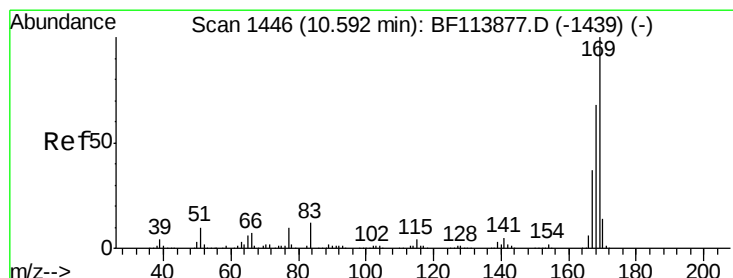
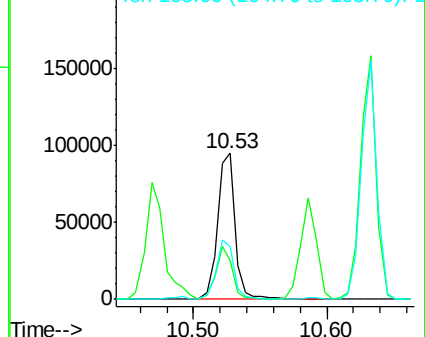
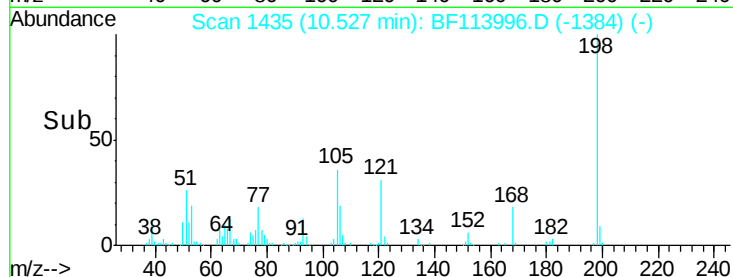
105 36.2 20.7 60.7



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 37.090 ng

RT: 10.59 min Scan# 1445

Delta R.T. -0.01 min

Lab File: BF113996.D

Acq: 25 Apr 2019 23:31

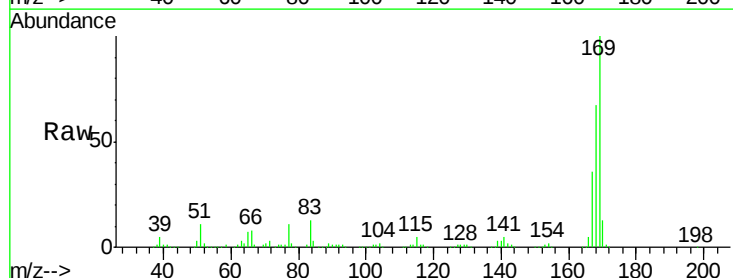
Tgt Ion:169 Resp: 532762

Ion Ratio Lower Upper

169 100

168 67.1 54.3 81.5

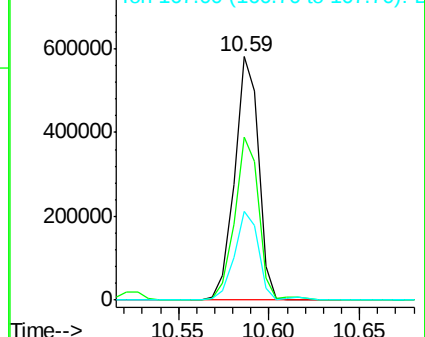
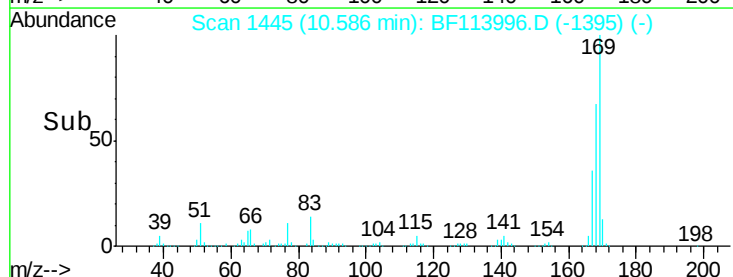
167 36.2 29.4 44.0

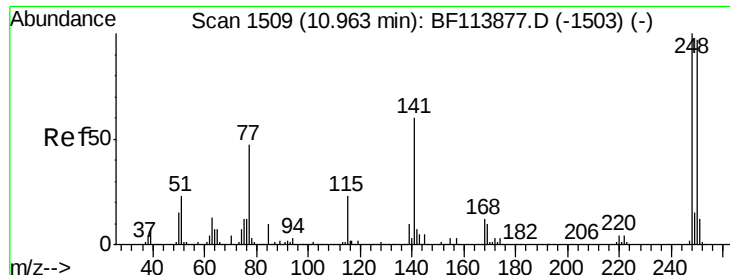


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

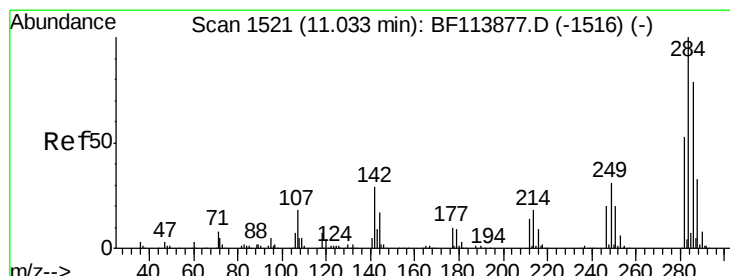
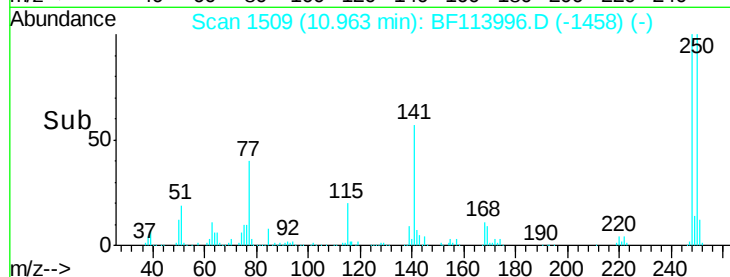
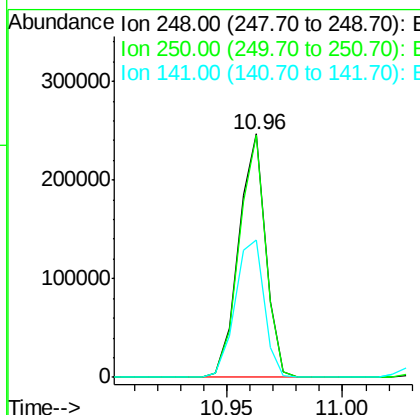
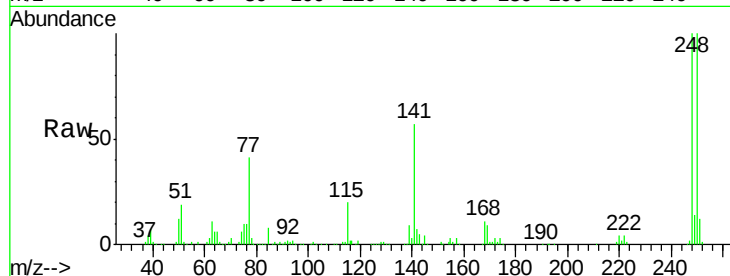




#67  
4-Bromophenyl-phenylether  
Concen: 34.689 ng  
RT: 10.96 min Scan# 1509  
Delta R.T. 0.00 min  
Lab File: BF113996.D  
Acq: 25 Apr 2019 23:31

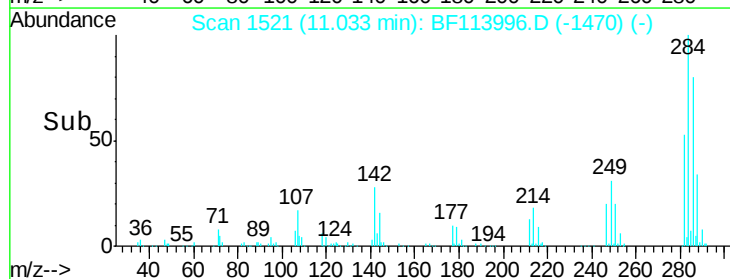
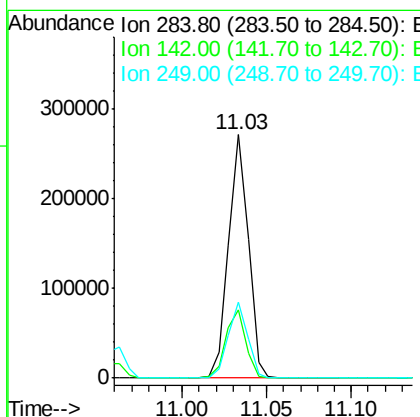
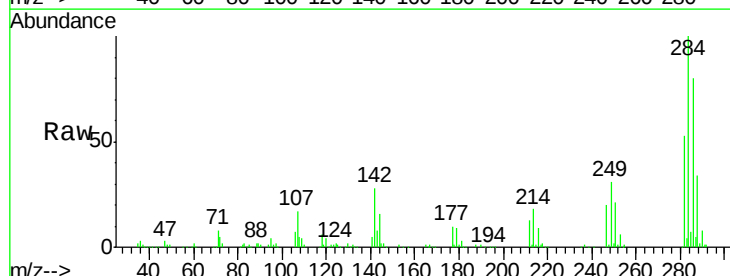
Instrument :  
BNA\_F  
ClientSampleId :

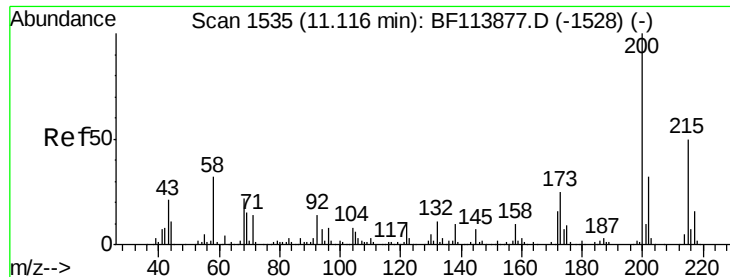
Tot Ion:248 Resp: 200610  
Ion Ratio Lower Upper  
248 100  
250 99.7 75.8 113.6  
141 56.5 50.2 75.4



#68  
Hexachlorobenzene  
Concen: 34.821 ng  
RT: 11.03 min Scan# 1521  
Delta R.T. -0.00 min  
Lab File: BF113996.D  
Acq: 25 Apr 2019 23:31

Tgt Ion:284 Resp: 221289  
Ion Ratio Lower Upper  
284 100  
142 28.0 23.0 34.4  
249 31.0 24.4 36.6

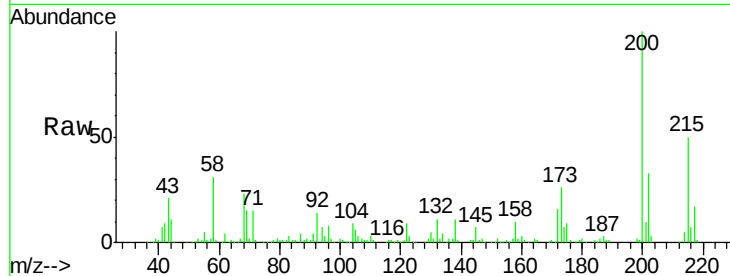




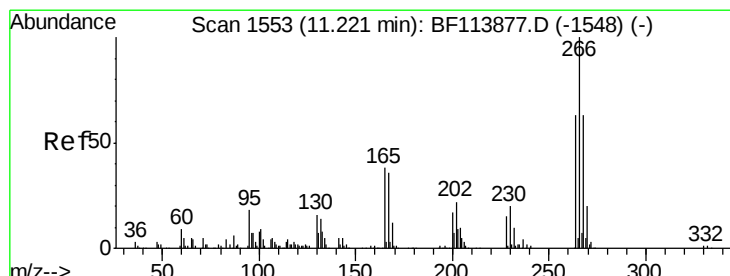
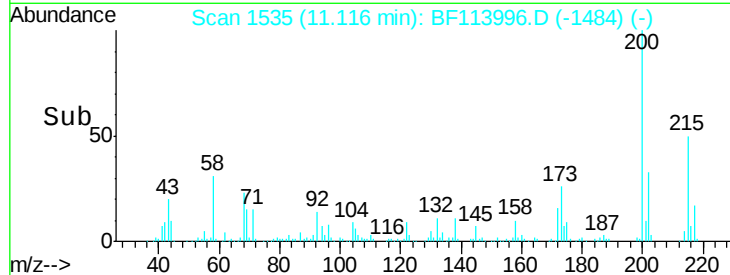
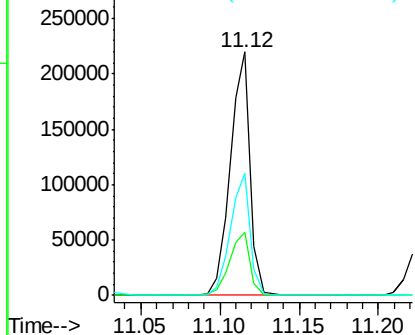
#69  
 Atrazine  
 Concen: 40.534 ng  
 RT: 11.12 min Scan# 1535  
 Delta R.T. 0.00 min  
 Lab File: BF113996.D  
 Acq: 25 Apr 2019 23:31

Instrument :  
 BNA\_F  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 25.7  | 5.9   | 45.9  |
| 215     | 50.2  | 29.3  | 69.3  |

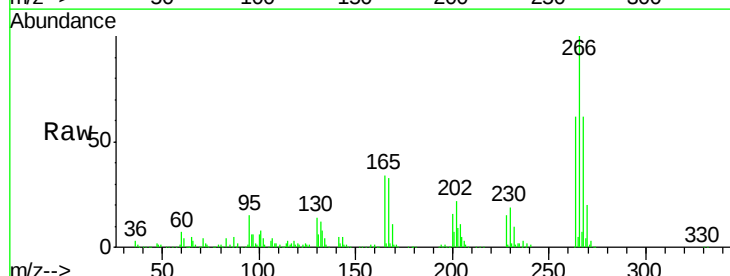


Abundance Ion 200.00 (199.70 to 200.70): E  
 Ion 173.00 (172.70 to 173.70): E  
 Ion 215.00 (214.70 to 215.70): E

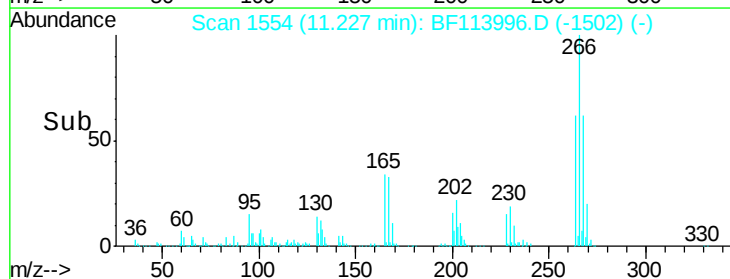
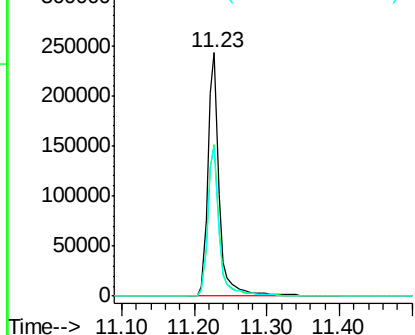


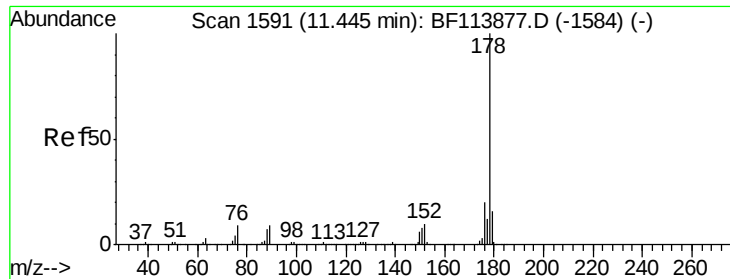
#70  
 Pentachlorophenol  
 Concen: 74.175 ng  
 RT: 11.23 min Scan# 1554  
 Delta R.T. 0.01 min  
 Lab File: BF113996.D  
 Acq: 25 Apr 2019 23:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 62.4  | 53.5  | 80.3  |
| 264     | 61.8  | 51.0  | 76.6  |



Abundance Ion 265.70 (265.40 to 266.40): E  
 Ion 268.00 (267.70 to 268.70): E  
 Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 39.154 ng

RT: 11.44 min Scan# 1591

Delta R.T. -0.00 min

Lab File: BF113996.D

Acq: 25 Apr 2019 23:31

Instrument :

BNA\_F

ClientSampleId :

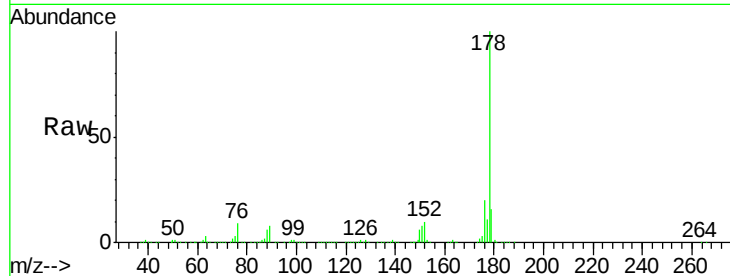
Tot Ion:178 Resp: 941991

Ion Ratio Lower Upper

178 100

176 19.8 16.1 24.1

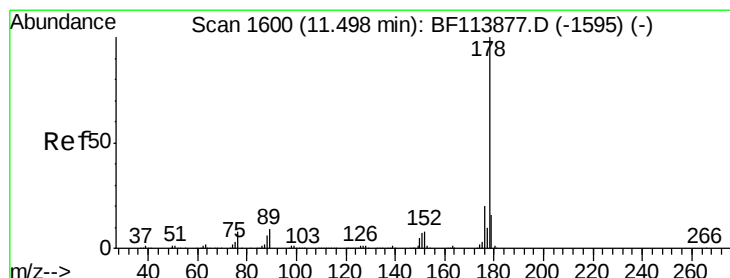
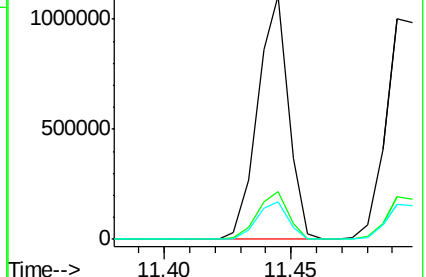
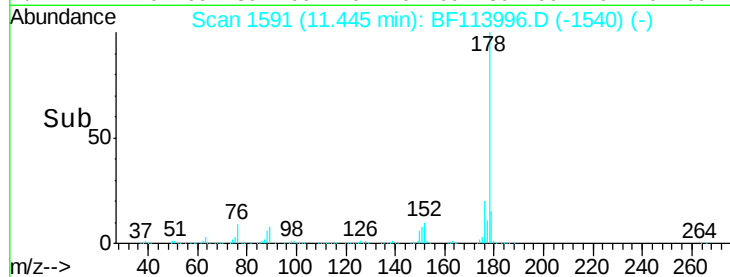
179 15.6 12.8 19.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 39.212 ng

RT: 11.49 min Scan# 1599

Delta R.T. -0.01 min

Lab File: BF113996.D

Acq: 25 Apr 2019 23:31

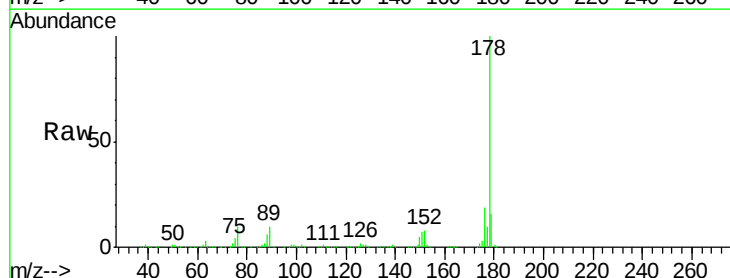
Tgt Ion:178 Resp: 952654

Ion Ratio Lower Upper

178 100

176 19.1 15.7 23.5

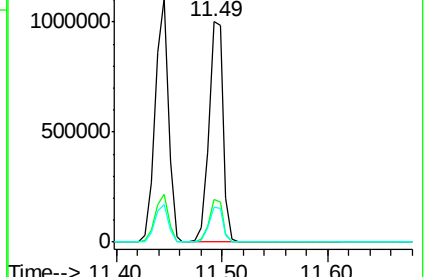
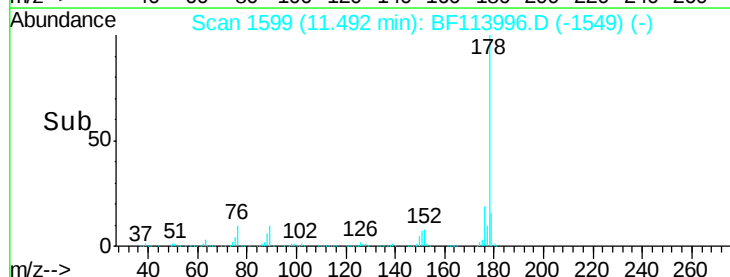
179 15.9 13.0 19.4

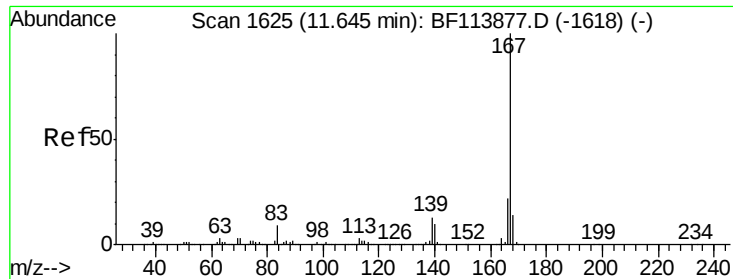


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

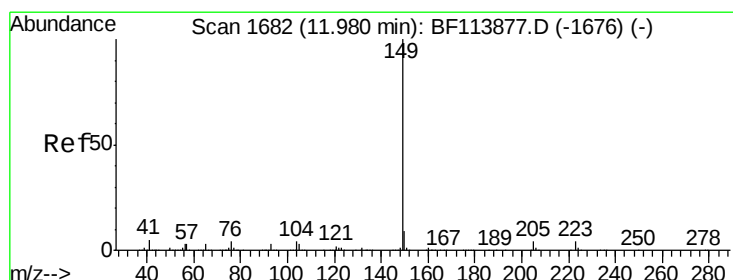
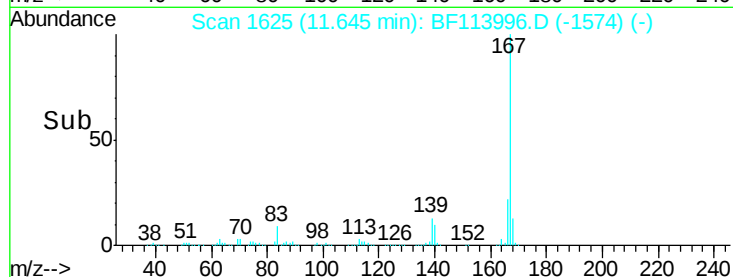
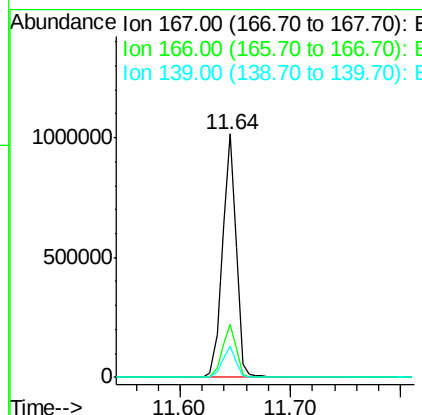
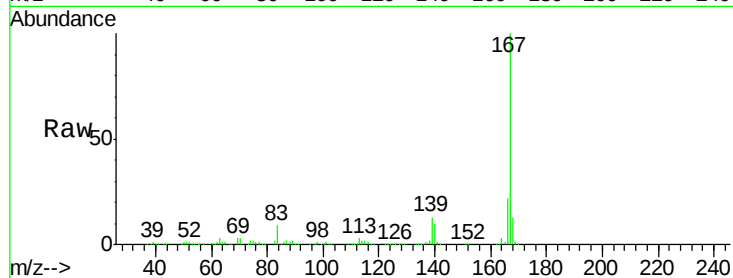




#73  
 Carbazole  
 Concen: 40.449 ng  
 RT: 11.64 min Scan# 1625  
 Delta R.T. -0.00 min  
 Lab File: BF113996.D  
 Acq: 25 Apr 2019 23:31

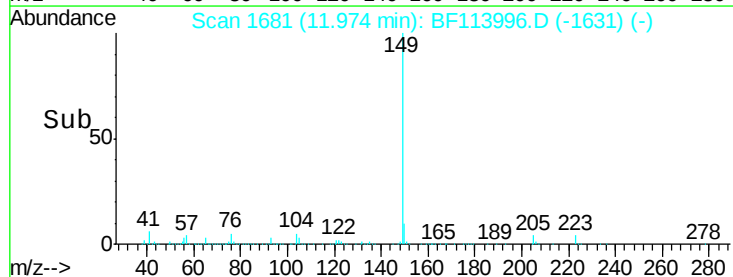
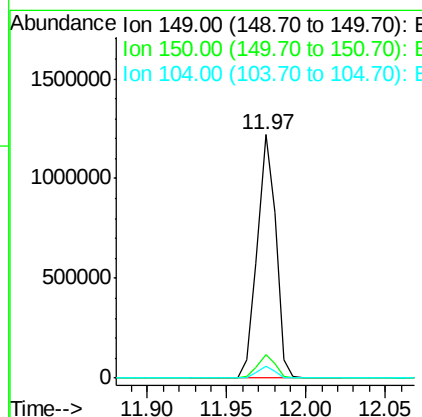
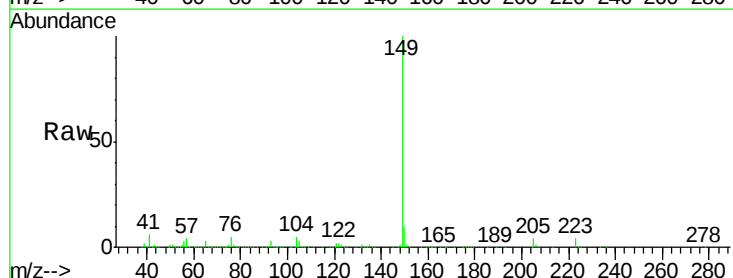
Instrument :  
 BNA\_F  
 ClientSampleId :

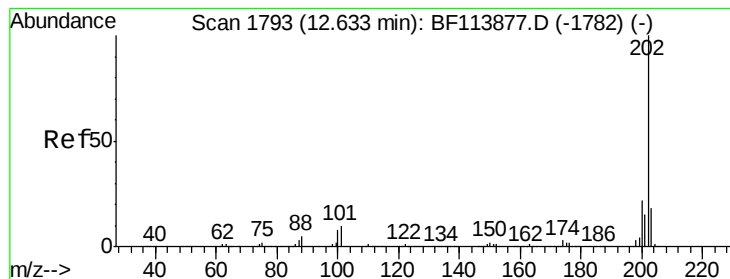
Tot Ion:167 Resp: 876714  
 Ion Ratio Lower Upper  
 167 100  
 166 21.8 17.7 26.5  
 139 12.6 10.0 15.0



#74  
 Di-n-butylphthalate  
 Concen: 39.138 ng  
 RT: 11.97 min Scan# 1681  
 Delta R.T. -0.01 min  
 Lab File: BF113996.D  
 Acq: 25 Apr 2019 23:31

Tgt Ion:149 Resp: 997887  
 Ion Ratio Lower Upper  
 149 100  
 150 9.5 7.8 11.8  
 104 4.7 3.8 5.8

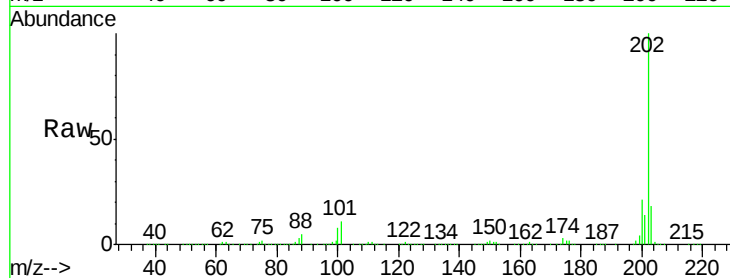




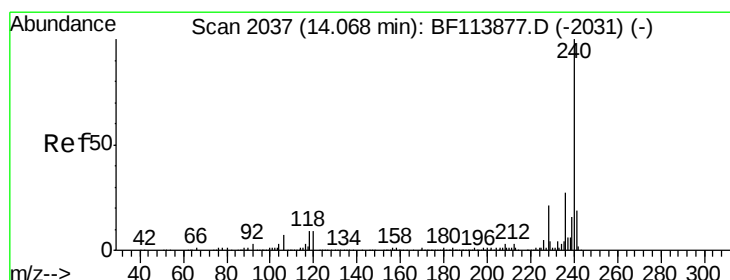
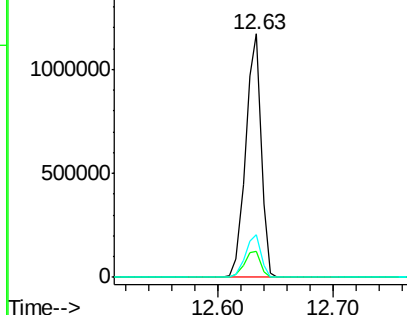
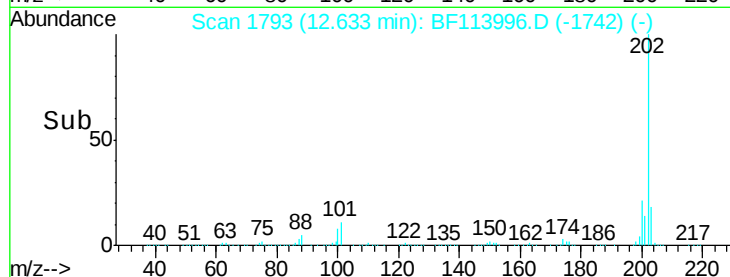
#75  
 Fluoranthene  
 Concen: 41.260 ng  
 RT: 12.63 min Scan# 1793  
 Delta R.T. 0.00 min  
 Lab File: BF113996.D  
 Acq: 25 Apr 2019 23:31

Instrument :  
 BNA\_F  
 ClientSampleId :

Tot Ion:202 Resp: 1083011  
 Ion Ratio Lower Upper  
 202 100  
 101 10.7 0.0 32.9  
 203 17.6 0.0 38.2

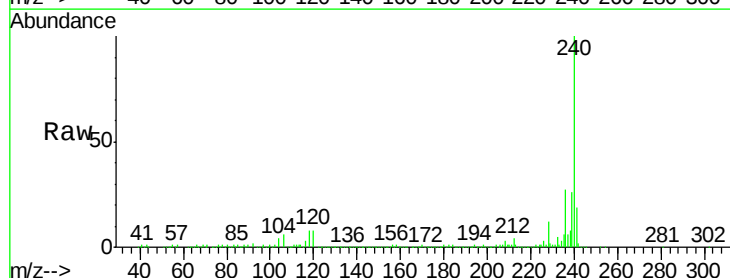


Abundance Ion 202.00 (201.70 to 202.70): E  
 Ion 101.00 (100.70 to 101.70): E  
 Ion 203.00 (202.70 to 203.70): E

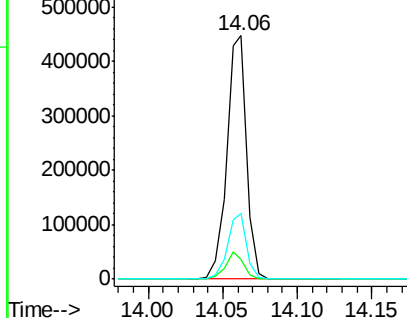
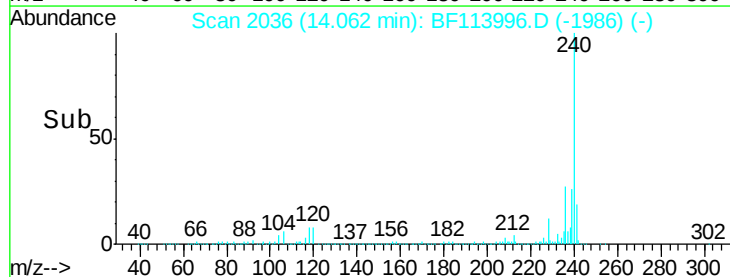


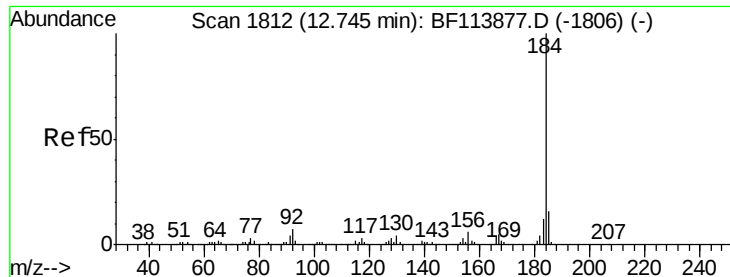
#76  
 Chrysene-d12  
 Concen: 20.000 ng  
 RT: 14.06 min Scan# 2036  
 Delta R.T. -0.01 min  
 Lab File: BF113996.D  
 Acq: 25 Apr 2019 23:31

Tgt Ion:240 Resp: 419812  
 Ion Ratio Lower Upper  
 240 100  
 120 8.3 9.3 13.9#  
 236 26.9 21.2 31.8



Abundance Ion 240.00 (239.70 to 240.70): E  
 Ion 120.00 (119.70 to 120.70): E  
 Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 27.161 ng

RT: 12.74 min Scan# 1812

Delta R.T. 0.00 min

Lab File: BF113996.D

Acq: 25 Apr 2019 23:31

Instrument :

BNA\_F

ClientSampled :

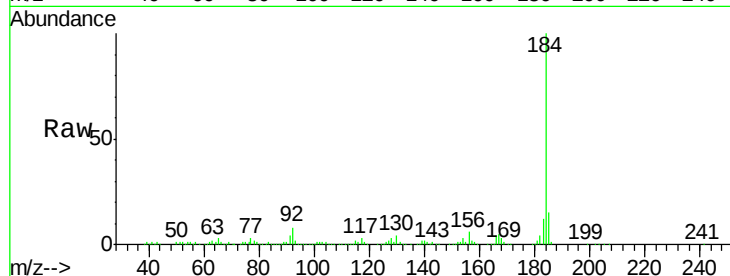
Tot Ion:184 Resp: 339740

Ion Ratio Lower Upper

184 100

185 15.1 13.0 19.6

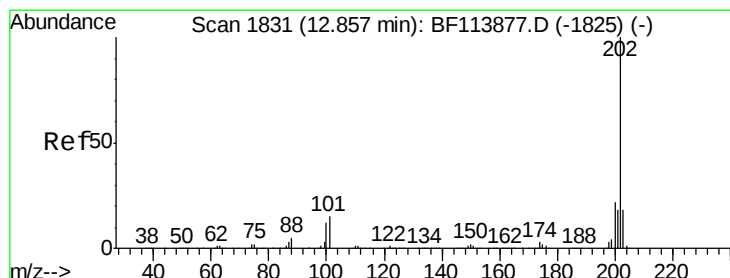
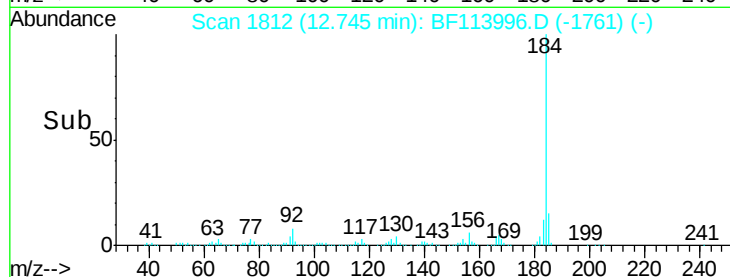
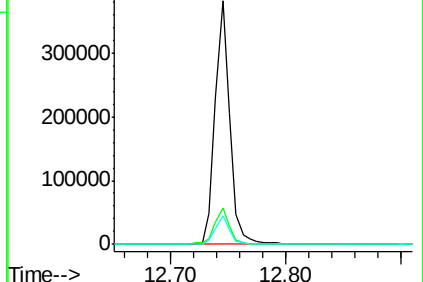
183 11.8 9.4 14.0



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 37.196 ng

RT: 12.86 min Scan# 1832

Delta R.T. 0.01 min

Lab File: BF113996.D

Acq: 25 Apr 2019 23:31

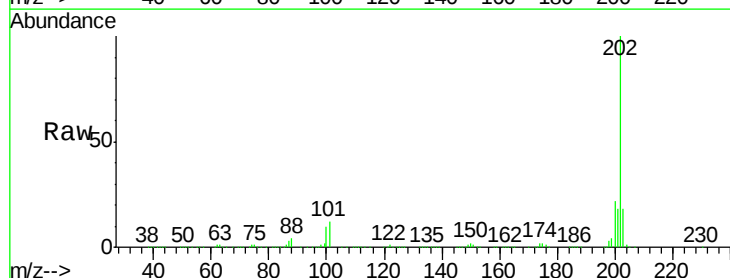
Tgt Ion:202 Resp: 1091998

Ion Ratio Lower Upper

202 100

200 21.8 17.7 26.5

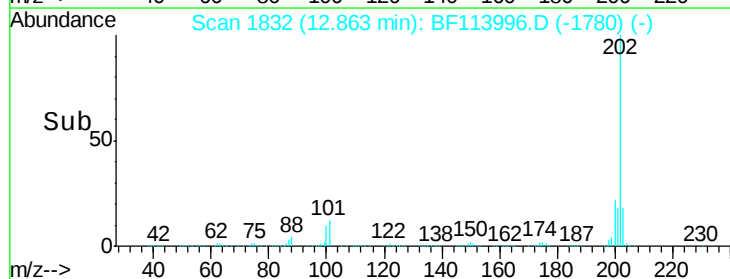
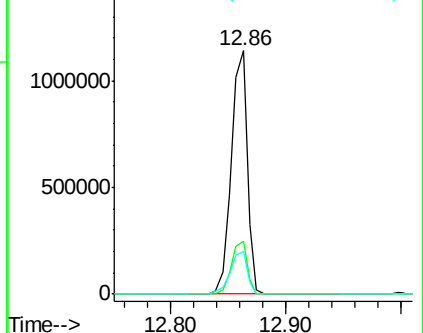
203 17.7 15.0 22.6

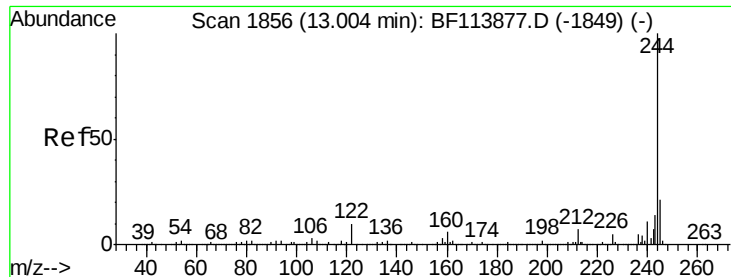


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 70.947 ng

RT: 13.00 min Scan# 1856

Delta R.T. -0.00 min

Lab File: BF113996.D

Acq: 25 Apr 2019 23:31

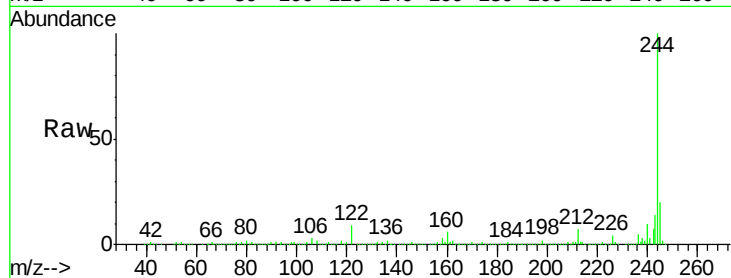
Instrument :

BNA\_F

ClientSampleId :

Tot Ion:244 Resp: 1452797

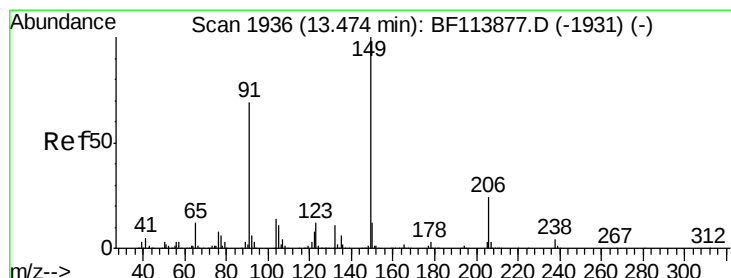
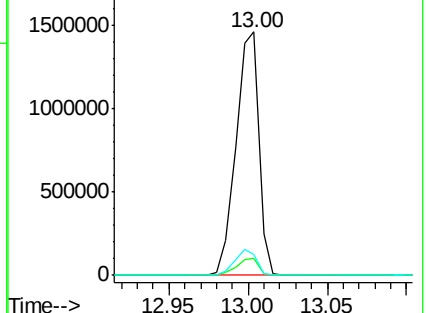
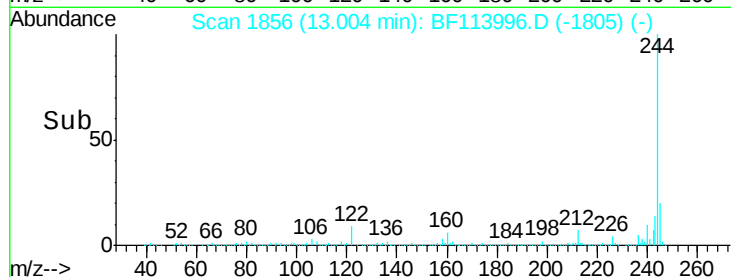
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 244 | 100   |       |       |
| 212 | 6.8   | 5.4   | 8.2   |
| 122 | 8.6   | 7.6   | 11.4  |



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 39.556 ng

RT: 13.47 min Scan# 1936

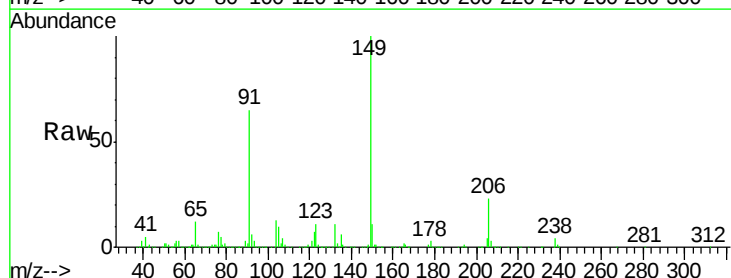
Delta R.T. -0.00 min

Lab File: BF113996.D

Acq: 25 Apr 2019 23:31

Tgt Ion:149 Resp: 456902

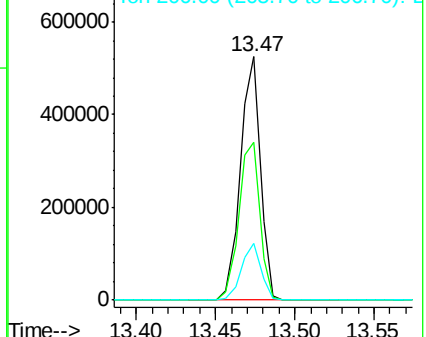
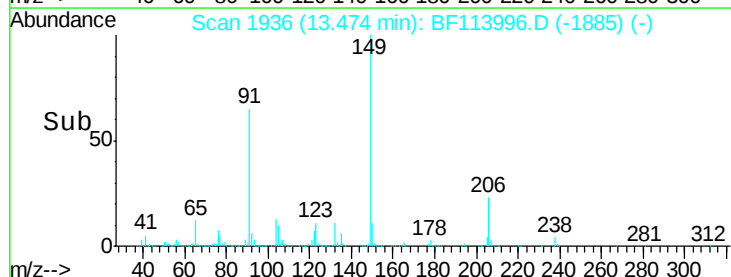
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 91  | 64.9  | 56.3  | 84.5  |
| 206 | 23.4  | 19.0  | 28.6  |

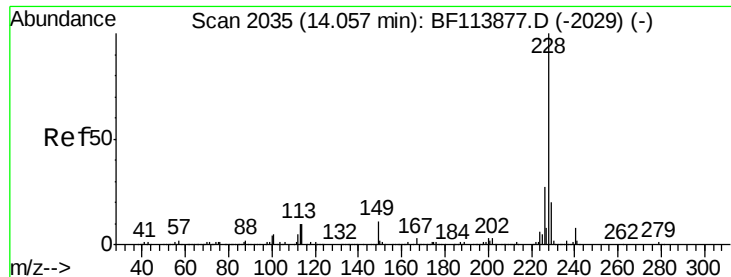


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.316 ng

RT: 14.05 min Scan# 2034

Delta R.T. -0.01 min

Lab File: BF113996.D

Acq: 25 Apr 2019 23:31

Instrument :

BNA\_F

ClientSampled :

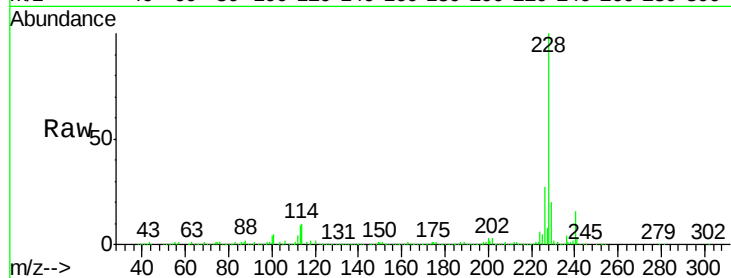
Tot Ion:228 Resp: 997186

Ion Ratio Lower Upper

228 100

226 27.2 22.2 33.2

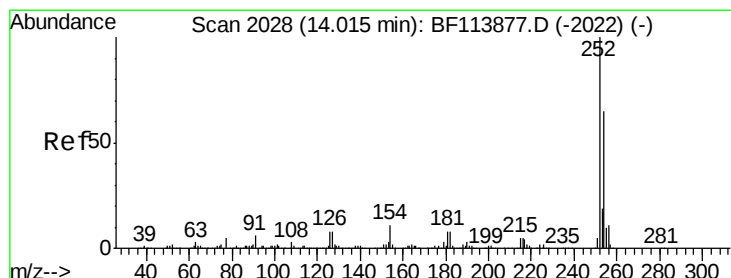
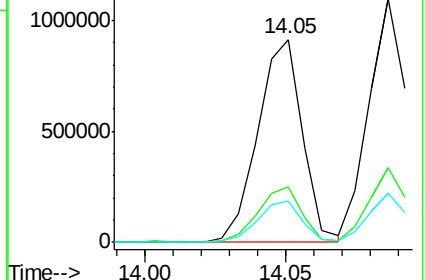
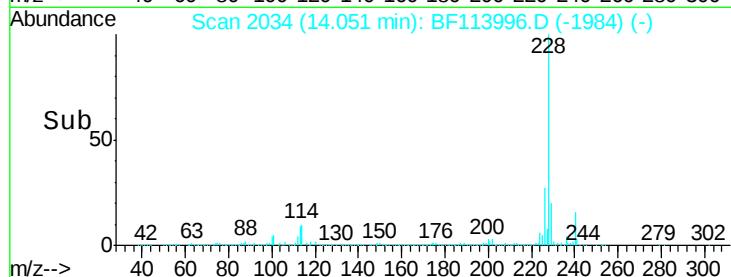
229 20.3 16.0 24.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 33.224 ng

RT: 14.00 min Scan# 2026

Delta R.T. -0.01 min

Lab File: BF113996.D

Acq: 25 Apr 2019 23:31

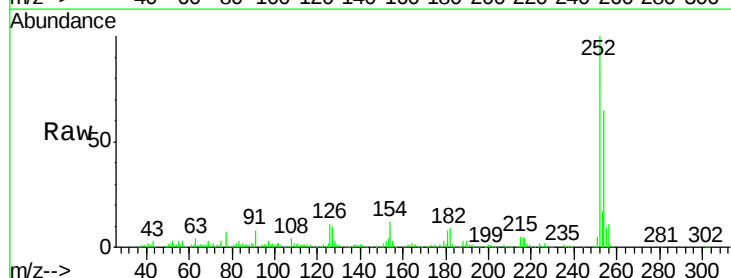
Tgt Ion:252 Resp: 301203

Ion Ratio Lower Upper

252 100

254 64.5 52.1 78.1

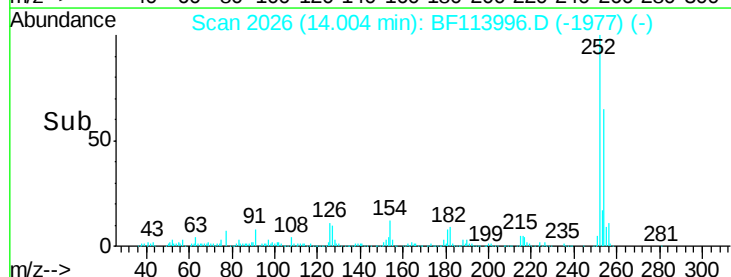
126 10.7 9.3 13.9



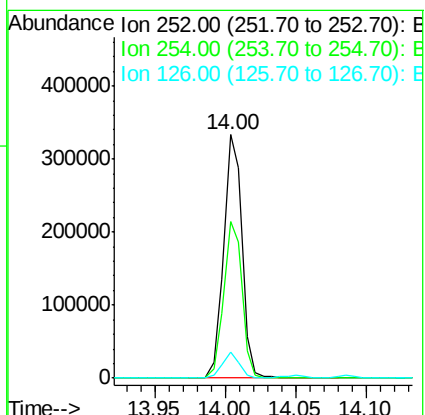
Abundance Ion 252.00 (251.70 to 252.70): E

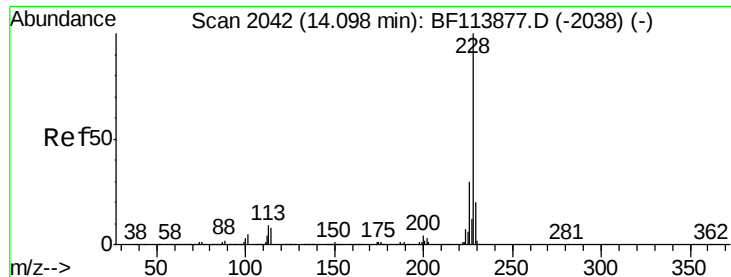
Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



Time-->

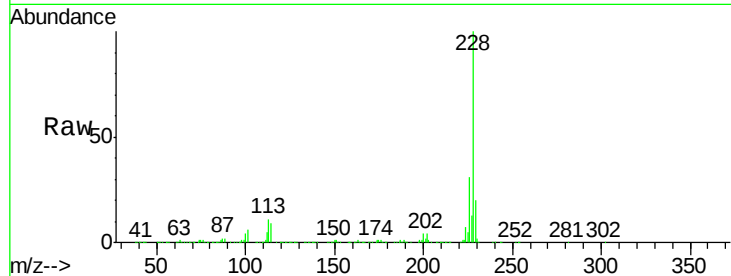




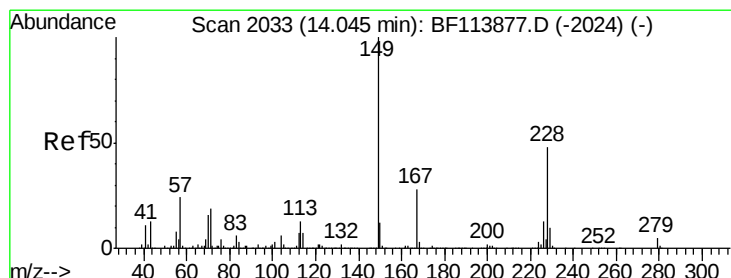
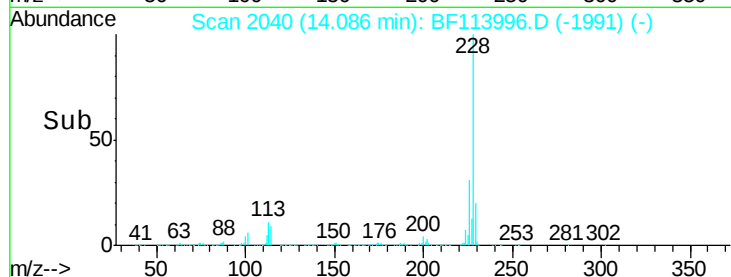
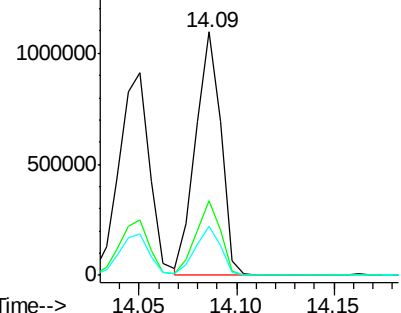
#83  
 Chrysene  
 Concen: 40.790 ng  
 RT: 14.09 min Scan# 2040  
 Delta R.T. -0.01 min  
 Lab File: BF113996.D  
 Acq: 25 Apr 2019 23:31

Instrument :  
 BNA\_F  
 ClientSampled :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 30.6  | 25.2  | 37.8  |
| 229     | 20.3  | 16.7  | 25.1  |

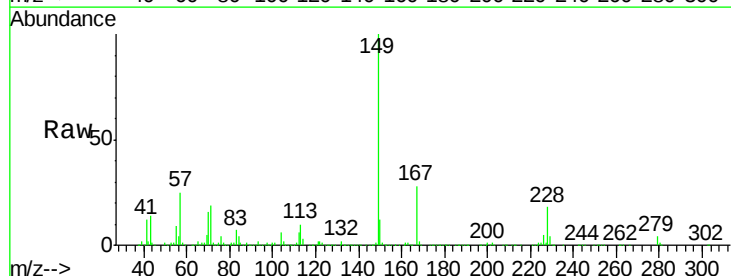


Abundance Ion 228.00 (227.70 to 228.70): E  
 Ion 226.00 (225.70 to 226.70): E  
 Ion 229.00 (228.70 to 229.70): E

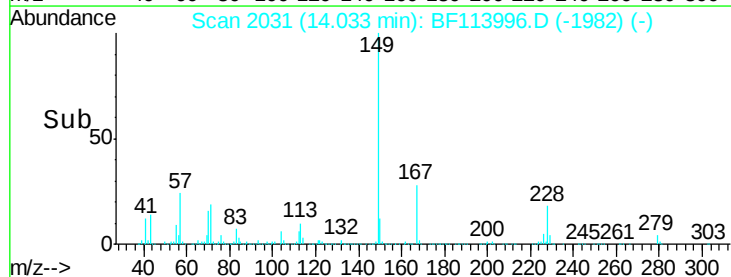
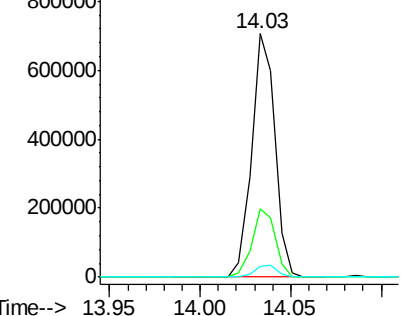


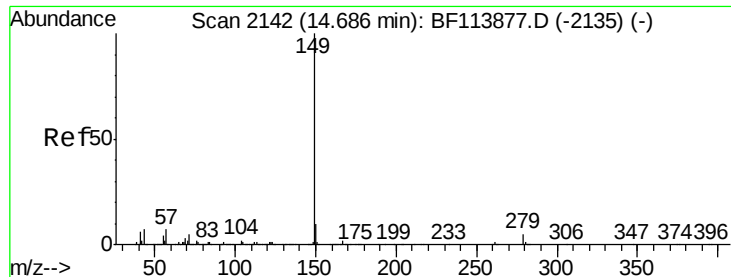
#84  
 Bis(2-ethylhexyl)phthalate  
 Concen: 42.862 ng  
 RT: 14.03 min Scan# 2031  
 Delta R.T. -0.01 min  
 Lab File: BF113996.D  
 Acq: 25 Apr 2019 23:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 28.2  | 22.9  | 34.3  |
| 279     | 4.4   | 4.2   | 6.2   |



Abundance Ion 149.00 (148.70 to 149.70): E  
 Ion 167.00 (166.70 to 167.70): E  
 Ion 279.00 (278.70 to 279.70): E

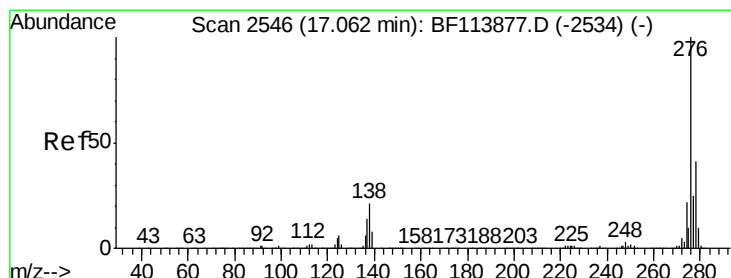
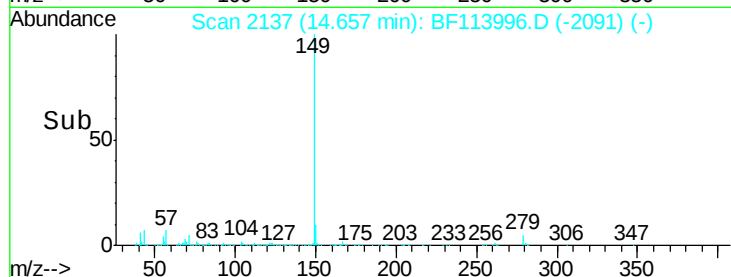
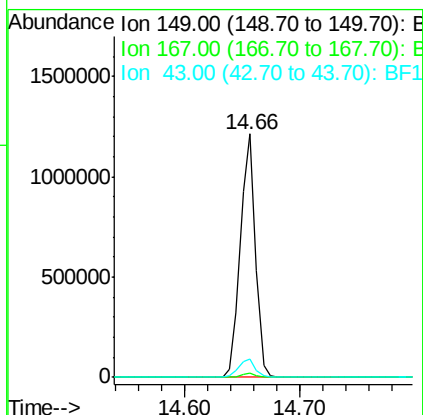
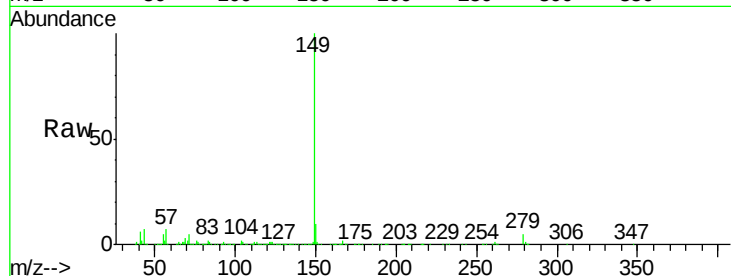




#85  
Di-n-octyl phthalate  
Concen: 47.882 ng  
RT: 14.66 min Scan# 2137  
Delta R.T. -0.03 min  
Lab File: BF113996.D  
Acq: 25 Apr 2019 23:31

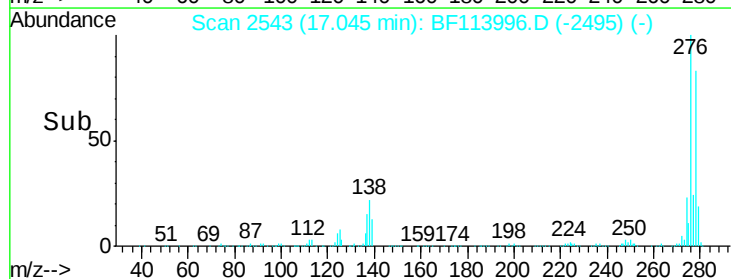
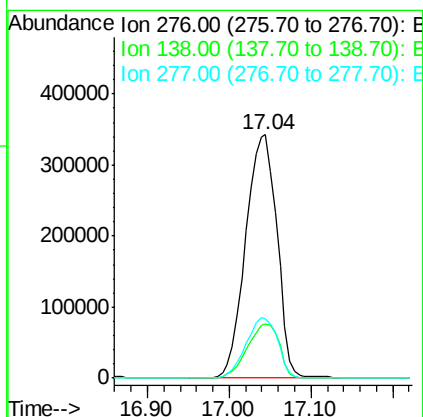
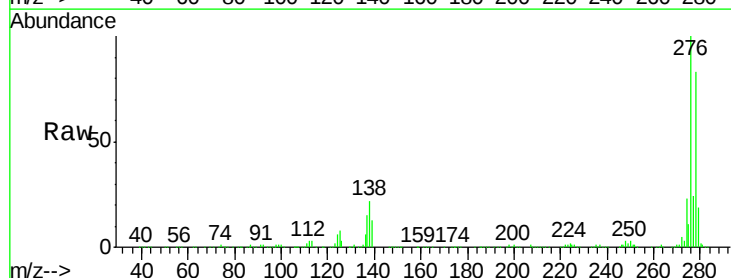
Instrument :  
BNA\_F  
ClientSampleId :

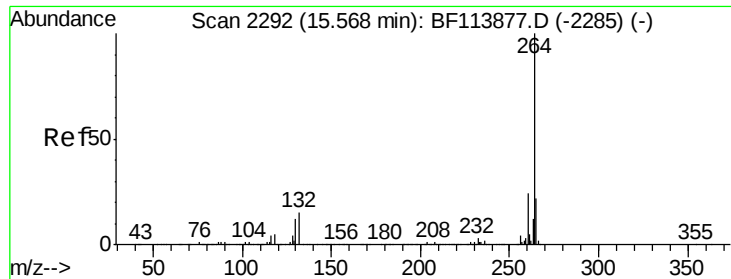
Tot Ion:149 Resp: 1101447  
Ion Ratio Lower Upper  
149 100  
167 1.7 1.3 1.9  
43 8.3 6.6 10.0



#86  
Indeno(1,2,3-cd)pyrene  
Concen: 39.990 ng  
RT: 17.04 min Scan# 2543  
Delta R.T. -0.02 min  
Lab File: BF113996.D  
Acq: 25 Apr 2019 23:31

Tgt Ion:276 Resp: 912480  
Ion Ratio Lower Upper  
276 100  
138 22.9 19.6 29.4  
277 25.4 20.2 30.4



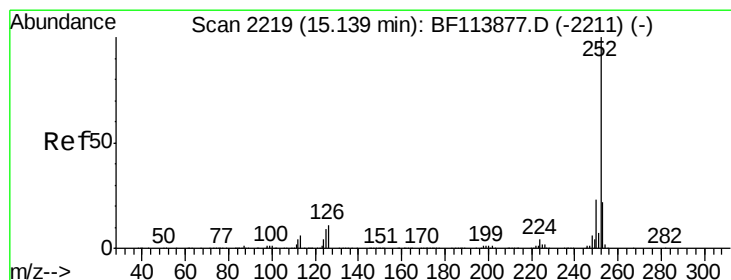
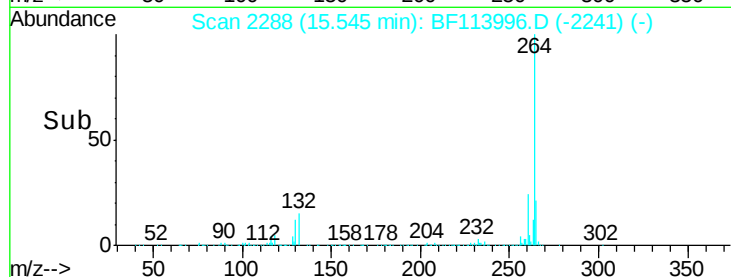
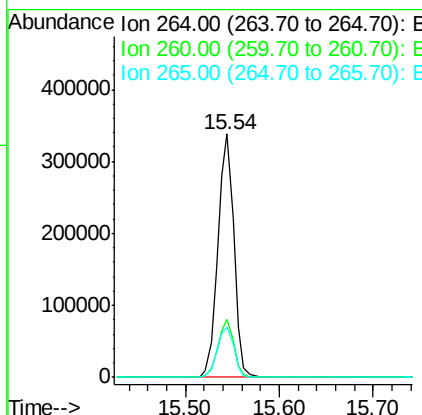
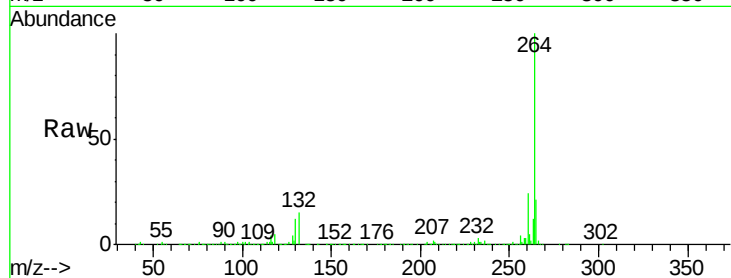


#87  
Pervlene-d12  
Concen: 20.000 ng  
RT: 15.54 min Scan# 2288  
Delta R.T. -0.02 min  
Lab File: BF113996.D  
Acq: 25 Apr 2019 23:31

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:264 Resp: 404585  

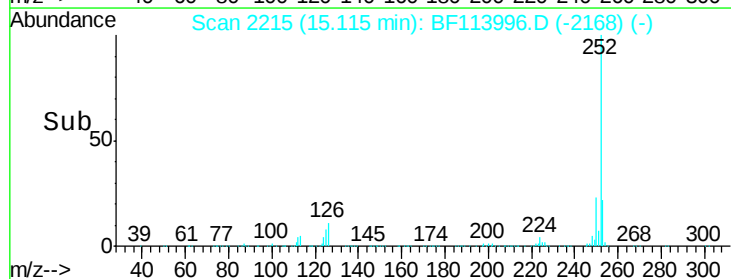
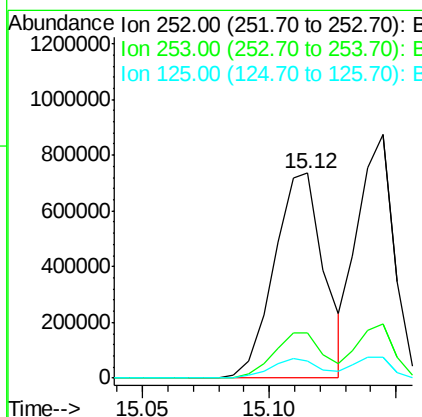
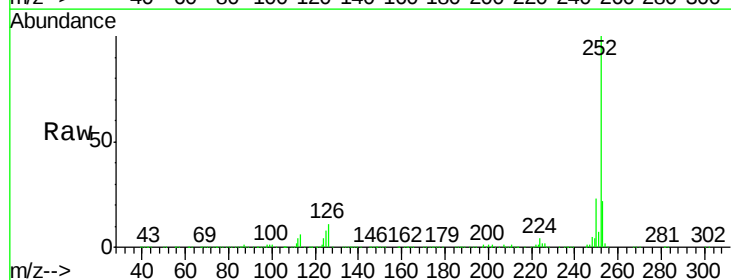
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 24.0  | 18.9  | 28.3  |
| 265 | 20.9  | 17.3  | 25.9  |

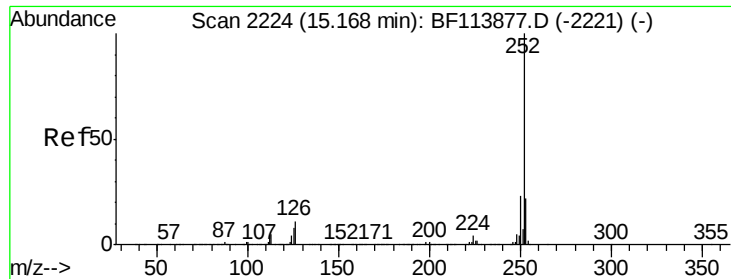


#88  
Benzo(b)fluoranthene  
Concen: 39.431 ng  
RT: 15.12 min Scan# 2215  
Delta R.T. -0.02 min  
Lab File: BF113996.D  
Acq: 25 Apr 2019 23:31

Tgt Ion:252 Resp: 1009339  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 22.0  | 17.8  | 26.6  |
| 125 | 8.4   | 7.0   | 10.6  |

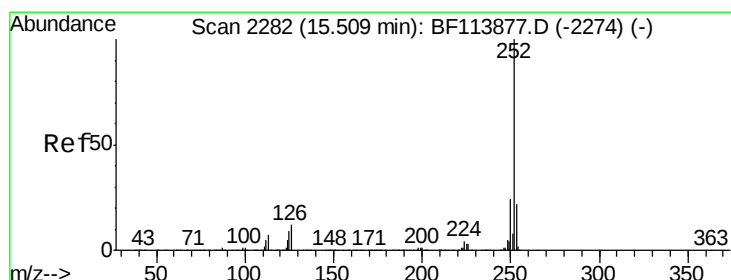
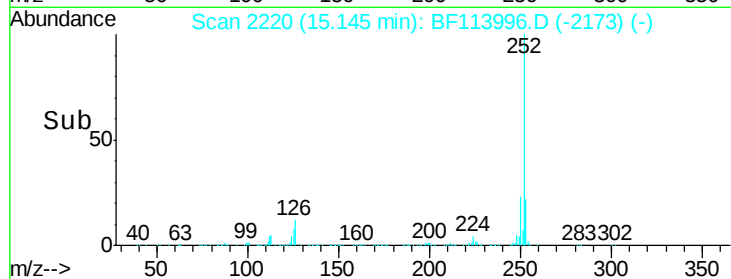
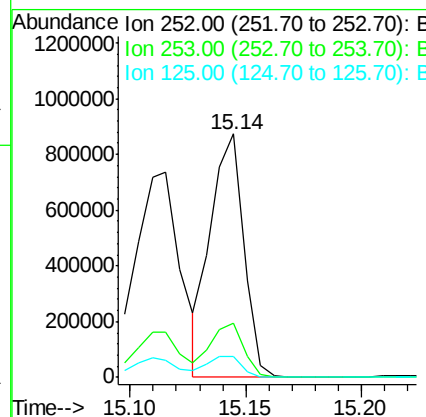
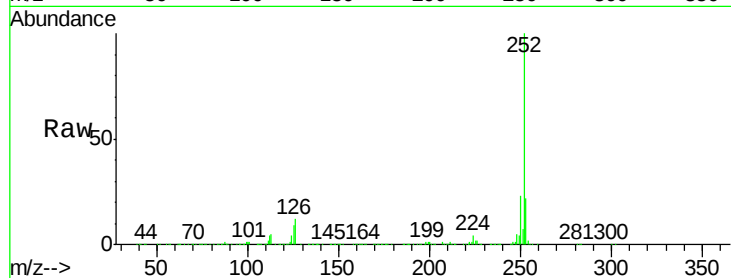




#89  
Benzo(k)fluoranthene  
Concen: 39.525 ng  
RT: 15.14 min Scan# 2220  
Delta R.T. -0.02 min  
Lab File: BF113996.D  
Acq: 25 Apr 2019 23:31

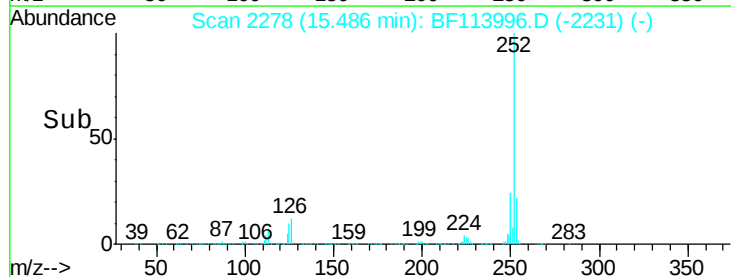
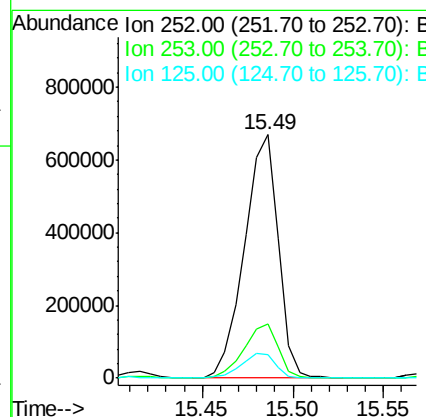
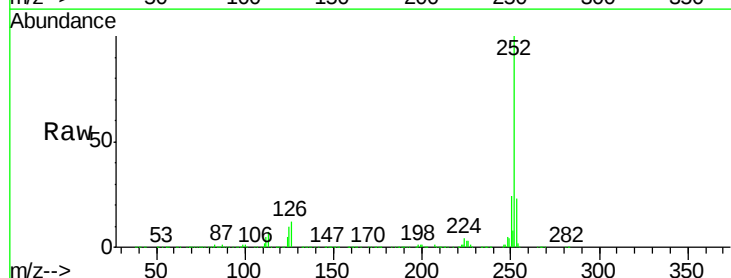
Instrument :  
BNA\_F  
ClientSampleId :

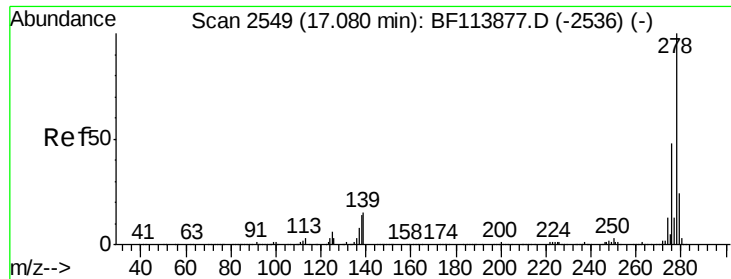
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.1  | 18.2  | 27.2  |
| 125     | 8.5   | 7.4   | 11.2  |



#90  
Benzo(a)pyrene  
Concen: 39.203 ng  
RT: 15.49 min Scan# 2278  
Delta R.T. -0.02 min  
Lab File: BF113996.D  
Acq: 25 Apr 2019 23:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.5  | 17.5  | 26.3  |
| 125     | 9.7   | 8.5   | 12.7  |

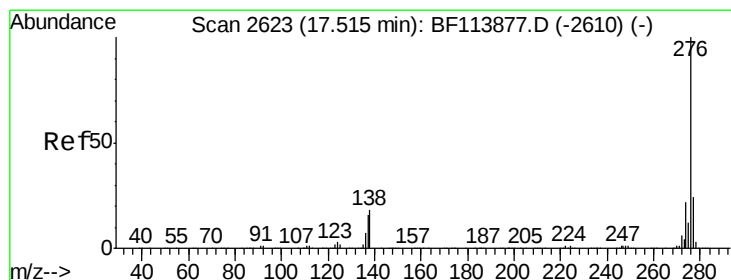
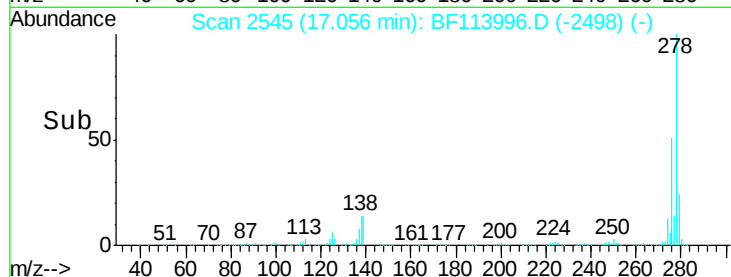
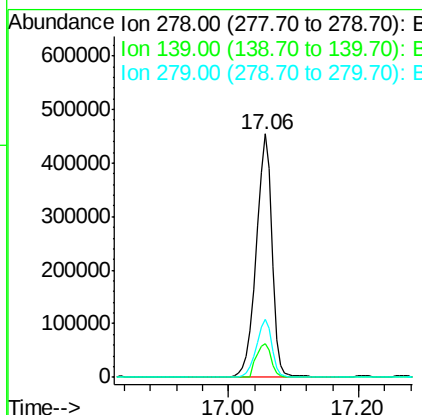
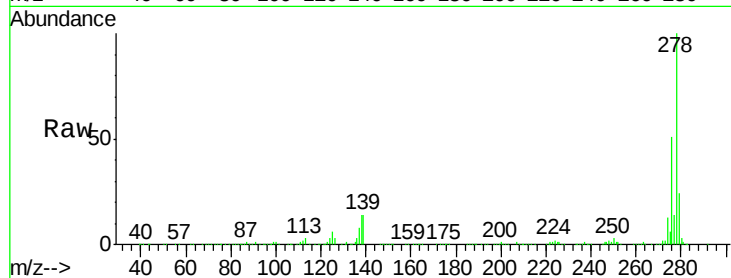




#91  
Dibenzo(a,h)anthracene  
Concen: 36.915 ng  
RT: 17.06 min Scan# 2545  
Delta R.T. -0.02 min  
Lab File: BF113996.D  
Acq: 25 Apr 2019 23:31

Instrument :  
BNA\_F  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 13.9  | 11.6  | 17.4  |
| 279     | 23.8  | 19.0  | 28.6  |



#92  
Benzo(g,h,i)perylene  
Concen: 36.178 ng  
RT: 17.49 min Scan# 2619  
Delta R.T. -0.02 min  
Lab File: BF113996.D  
Acq: 25 Apr 2019 23:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 23.3  | 19.0  | 28.4  |
| 138     | 19.2  | 16.6  | 25.0  |

