

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091819\  
 Data File : BF117151.D  
 Acq On : 18 Sep 2019 18:14  
 Operator : HP/JU  
 Sample : K4666-18MS  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :

Quant Time: Sep 19 05:14:32 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Sep 13 16:23:17 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.82  | 152  | 62707    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.10  | 136  | 245864   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 9.85  | 164  | 129425   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 11.33 | 188  | 208101   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 13.97 | 240  | 167478   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 15.41 | 264  | 173852   | 20.00 | ng    | -0.01    |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 5) 2-Fluorophenol           | 5.46  | 112  | 470011   | 117.02 | ng    | 0.02     |
| 7) Phenol-d6                | 6.47  | 99   | 576453   | 111.05 | ng    | 0.01     |
| 23) Nitrobenzene-d5         | 7.39  | 82   | 428755   | 91.63  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.65 | 330  | 152093   | 140.61 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.17  | 172  | 728462   | 88.01  | ng    | 0.00     |
| 79) Terphenyl-d14           | 12.91 | 244  | 781742   | 87.25  | ng    | 0.00     |

| Target Compounds               | R.T. | QIon | Response | Conc   | Units | Qvalue |
|--------------------------------|------|------|----------|--------|-------|--------|
| 2) 1,4-Dioxane                 | 2.68 | 88   | 64782    | 38.545 | ng    | # 86   |
| 3) Pyridine                    | 3.42 | 79   | 113123   | 24.591 | ng    | 95     |
| 4) n-Nitrosodimethylamine      | 3.32 | 42   | 65311    | 41.371 | ng    | # 96   |
| 6) Aniline                     | 6.49 | 93   | 111174   | 16.635 | ng    | 92     |
| 8) 2-Chlorophenol              | 6.62 | 128  | 196171   | 45.274 | ng    | 96     |
| 9) Benzaldehyde                | 6.37 | 77   | 93760    | 34.962 | ng    | 99     |
| 10) Phenol                     | 6.48 | 94   | 217172   | 37.952 | ng    | 94     |
| 11) bis(2-Chloroethyl)ether    | 6.56 | 93   | 184491   | 43.867 | ng    | 98     |
| 12) 1,3-Dichlorobenzene        | 6.77 | 146  | 191567   | 39.399 | ng    | 95     |
| 13) 1,4-Dichlorobenzene        | 6.84 | 146  | 199047   | 40.115 | ng    | 98     |
| 14) 1,2-Dichlorobenzene        | 6.99 | 146  | 183046   | 39.622 | ng    | 97     |
| 15) Benzyl Alcohol             | 6.97 | 79   | 178046   | 44.729 | ng    | 99     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.10 | 45   | 175195   | 42.163 | ng    | 89     |
| 17) 2-Methylphenol             | 7.08 | 107  | 157925   | 43.488 | ng    | 94     |
| 18) Hexachloroethane           | 7.33 | 117  | 73824    | 38.674 | ng    | 98     |
| 19) n-Nitroso-di-n-propylamine | 7.23 | 70   | 143164   | 45.294 | ng    | 96     |
| 20) 3+4-Methylphenols          | 7.23 | 107  | 195628   | 43.249 | ng    | # 81   |
| 22) Acetophenone               | 7.23 | 105  | 296823   | 47.517 | ng    | 98     |
| 24) Nitrobenzene               | 7.40 | 77   | 221907   | 48.021 | ng    | 97     |
| 25) Isophorone                 | 7.65 | 82   | 390147   | 47.090 | ng    | 98     |
| 26) 2-Nitrophenol              | 7.72 | 139  | 102860   | 51.821 | ng    | 99     |
| 27) 2,4-Dimethylphenol         | 7.76 | 122  | 170470   | 54.158 | ng    | 98     |
| 28) bis(2-Chloroethoxy)methane | 7.85 | 93   | 236715   | 46.373 | ng    | 99     |
| 29) 2,4-Dichlorophenol         | 7.96 | 162  | 163548   | 49.588 | ng    | 97     |
| 30) 1,2,4-Trichlorobenzene     | 8.05 | 180  | 159129   | 44.659 | ng    | 98     |
| 31) Naphthalene                | 8.12 | 128  | 565075   | 47.788 | ng    | 100    |
| 32) Benzoic acid               | 7.89 | 122  | 50840    | 25.046 | ng    | 98     |
| 33) 4-Chloroaniline            | 8.17 | 127  | 56062    | 10.690 | ng    | 97     |
| 34) Hexachlorobutadiene        | 8.24 | 225  | 85971    | 42.526 | ng    | 96     |
| 35) Caprolactam                | 8.54 | 113  | 23520    | 21.069 | ng    | 98     |
| 36) 4-Chloro-3-methylphenol    | 8.66 | 107  | 190439   | 49.520 | ng    | 99     |
| 37) 2-Methylnaphthalene        | 8.82 | 142  | 384511   | 48.290 | ng    | 97     |
| 38) 1-Methylnaphthalene        | 8.91 | 142  | 356792   | 47.843 | ng    | 99     |
| 40) 1,2,4,5-Tetrachlorobenzene | 8.98 | 216  | 152303   | 45.571 | ng    | 98     |

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 ALS Vial : 4 Sample Multiplier: 1

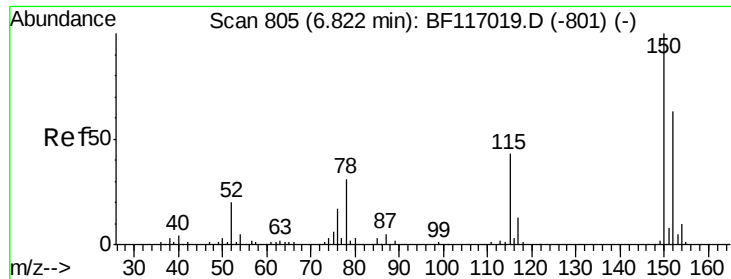
Instrument :  
 BNA\_F  
 ClientSampleId :

Quant Time: Sep 19 05:14:32 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Sep 13 16:23:17 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units | Dev(Min) |
|--------------------------------|-------|------|----------|---------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 8.97  | 237  | 119062   | 80.536  | ng    | 99       |
| 43) 2,4,6-Trichlorophenol      | 9.09  | 196  | 104507   | 46.078  | ng    | 97       |
| 44) 2,4,5-Trichlorophenol      | 9.14  | 196  | 115117   | 47.506  | ng    | 97       |
| 46) 1,1'-Biphenyl              | 9.27  | 154  | 461889   | 45.497  | ng    | 98       |
| 47) 2-Chloronaphthalene        | 9.30  | 162  | 358057   | 44.689  | ng    | 100      |
| 48) 2-Nitroaniline             | 9.40  | 65   | 119362   | 46.446  | ng    | 98       |
| 49) Acenaphthylene             | 9.72  | 152  | 570761   | 47.553  | ng    | 100      |
| 50) Dimethylphthalate          | 9.57  | 163  | 461331   | 50.342  | ng    | 99       |
| 51) 2,6-Dinitrotoluene         | 9.64  | 165  | 94286    | 50.518  | ng    | 99       |
| 52) Acenaphthene               | 9.89  | 154  | 330602   | 46.465  | ng    | 99       |
| 53) 3-Nitroaniline             | 9.81  | 138  | 62575    | 26.573  | ng    | 93       |
| 54) 2,4-Dinitrophenol          | 9.92  | 184  | 71843    | 88.099  | ng    | 93       |
| 55) Dibenzofuran               | 10.06 | 168  | 501527   | 47.775  | ng    | 98       |
| 56) 4-Nitrophenol              | 9.98  | 139  | 125796   | 82.425  | ng    | 99       |
| 57) 2,4-Dinitrotoluene         | 10.05 | 165  | 131922   | 54.453  | ng    | 96       |
| 58) Fluorene                   | 10.40 | 166  | 409579   | 48.435  | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol  | 10.14 | 232  | 84021    | 45.310  | ng    | 91       |
| 60) Diethylphthalate           | 10.27 | 149  | 425920   | 47.242  | ng    | 98       |
| 61) 4-Chlorophenyl-phenylether | 10.39 | 204  | 173570   | 47.440  | ng    | 95       |
| 62) 4-Nitroaniline             | 10.42 | 138  | 114115   | 46.598  | ng    | 98       |
| 63) Azobenzene                 | 10.55 | 77   | 434813   | 47.221  | ng    | 98       |
| 65) 4,6-Dinitro-2-methylphenol | 10.46 | 198  | 48393    | 50.600  | ng    | 85       |
| 66) n-Nitrosodiphenylamine     | 10.51 | 169  | 359700   | 50.049  | ng    | 100      |
| 67) 4-Bromophenyl-phenylether  | 10.87 | 248  | 101781   | 47.892  | ng    | 94       |
| 68) Hexachlorobenzene          | 10.95 | 284  | 109314   | 47.027  | ng    | 95       |
| 69) Atrazine                   | 11.03 | 200  | 100996   | 62.933  | ng    | 99       |
| 70) Pentachlorophenol          | 11.15 | 266  | 113572   | 104.234 | ng    | 98       |
| 71) Phenanthrene               | 11.36 | 178  | 595315   | 50.365  | ng    | 100      |
| 72) Anthracene                 | 11.41 | 178  | 618615   | 51.263  | ng    | 98       |
| 73) Carbazole                  | 11.56 | 167  | 602660   | 52.614  | ng    | 99       |
| 74) Di-n-butylphthalate        | 11.89 | 149  | 675236   | 49.547  | ng    | 99       |
| 75) Fluoranthene               | 12.55 | 202  | 620319   | 51.076  | ng    | 98       |
| 77) Benzidine                  | 12.66 | 184  | 72773    | 13.489  | ng    | 97       |
| 78) Pyrene                     | 12.77 | 202  | 635547   | 45.226  | ng    | 99       |
| 80) Butylbenzylphthalate       | 13.38 | 149  | 310191   | 46.715  | ng    | 99       |
| 81) Benzo(a)anthracene         | 13.96 | 228  | 534372   | 47.757  | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 13.92 | 252  | 89956    | 24.948  | ng    | 98       |
| 83) Chrysene                   | 14.00 | 228  | 527409   | 48.327  | ng    | 99       |
| 84) Bis(2-ethylhexyl)phthalate | 13.94 | 149  | 418918   | 48.931  | ng    | 98       |
| 85) Di-n-octyl phthalate       | 14.54 | 149  | 725740   | 53.858  | ng    | 99       |
| 86) Indeno(1,2,3-cd)pyrene     | 16.86 | 276  | 495810   | 62.273  | ng    | 99       |
| 88) Benzo(b)fluoranthene       | 15.00 | 252  | 479720   | 45.554  | ng    | 99       |
| 89) Benzo(k)fluoranthene       | 15.03 | 252  | 485358   | 48.654  | ng    | 98       |
| 90) Benzo(a)pyrene             | 15.36 | 252  | 471717   | 51.046  | ng    | 98       |
| 91) Dibenzo(a,h)anthracene     | 16.87 | 278  | 412230   | 55.997  | ng    | 99       |
| 92) Benzo(g,h,i)perylene       | 17.29 | 276  | 412712   | 56.260  | ng    | 99       |

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



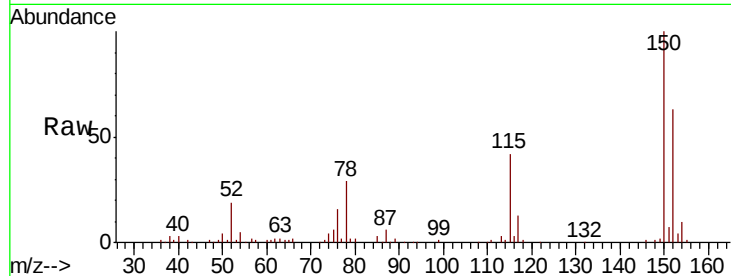


#1

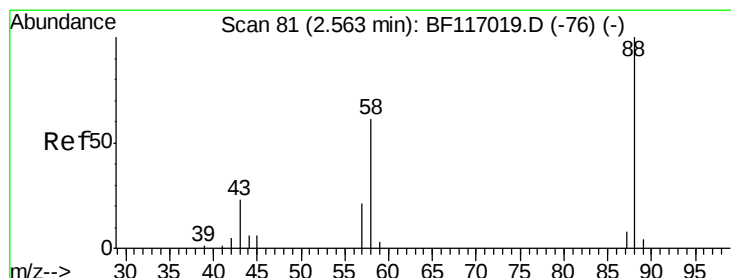
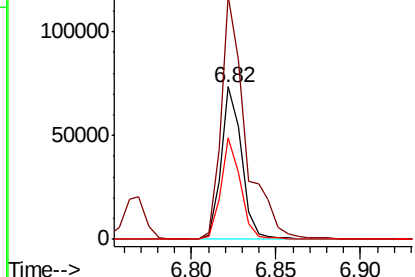
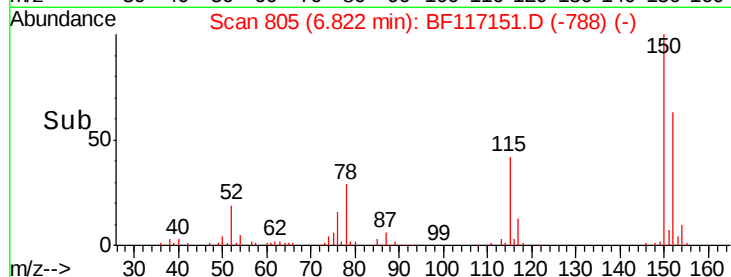
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.82 min Scan# 805  
Delta R.T. 0.00 min  
Lab File: BF117151.D  
Acq: 18 Sep 2019 18:14

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:152 Resp: 62707  
Ion Ratio Lower Upper  
152 100  
150 159.5 127.5 191.3  
115 66.6 55.0 82.4



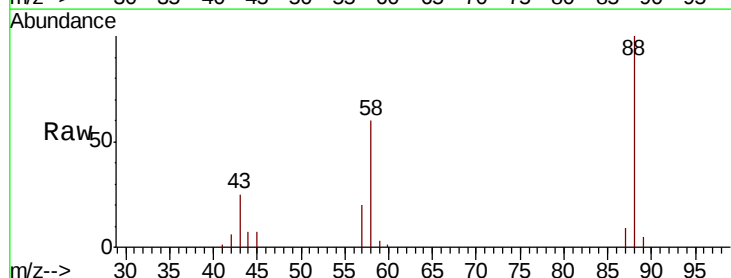
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



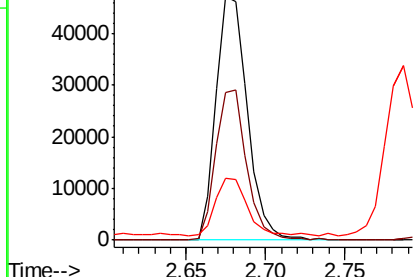
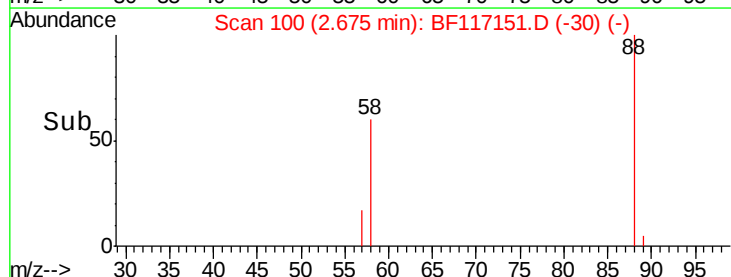
#2

1,4-Dioxane  
Concen: 38.545 ng  
RT: 2.68 min Scan# 100  
Delta R.T. 0.11 min  
Lab File: BF117151.D  
Acq: 18 Sep 2019 18:14

Tgt Ion: 88 Resp: 64782  
Ion Ratio Lower Upper  
88 100  
58 60.6 49.3 73.9  
43 0.0 18.8 28.2#



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: 24.591 ng

RT: 3.42 min Scan# 227

Delta R.T. 0.12 min

Lab File: BF117151.D

Acq: 18 Sep 2019 18:14

Instrument :

BNA\_F

ClientSampleId :

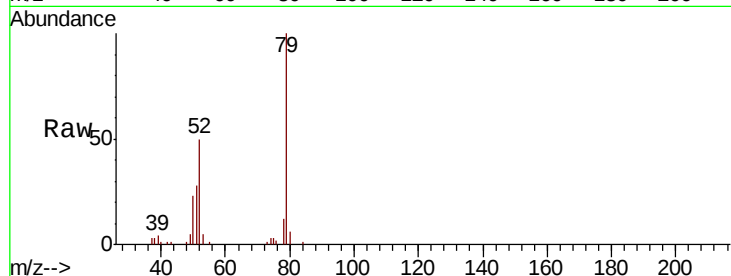
Tot Ion: 79 Resp: 113123

Ion Ratio Lower Upper

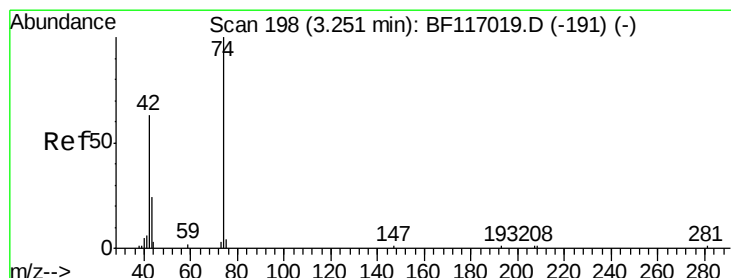
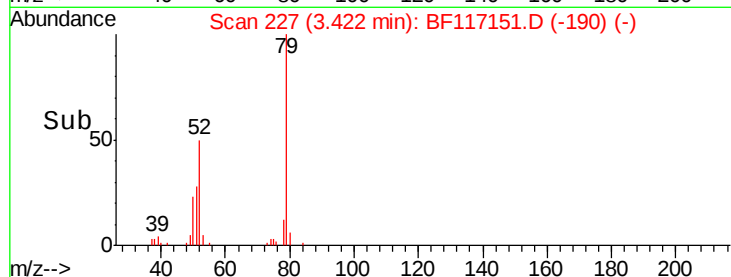
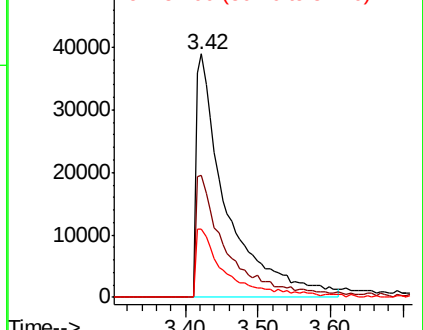
79 100

52 50.1 43.5 65.3

51 28.2 21.8 32.6



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: 41.371 ng

RT: 3.32 min Scan# 210

Delta R.T. 0.07 min

Lab File: BF117151.D

Acq: 18 Sep 2019 18:14

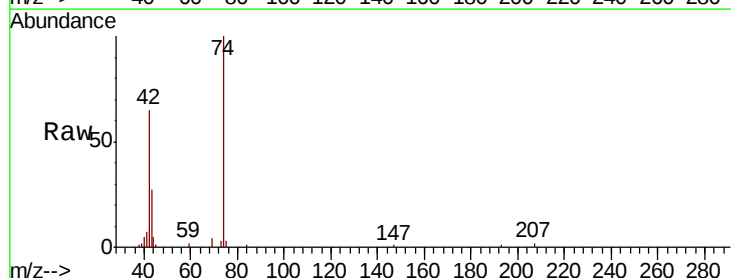
Tgt Ion: 42 Resp: 65311

Ion Ratio Lower Upper

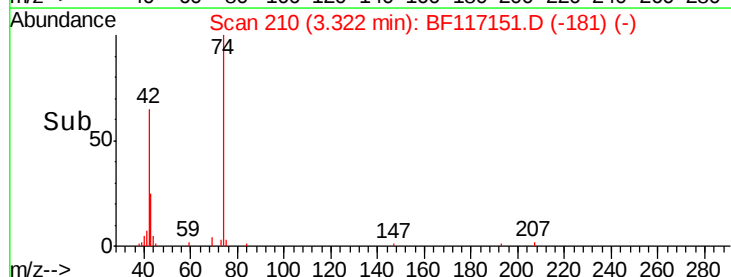
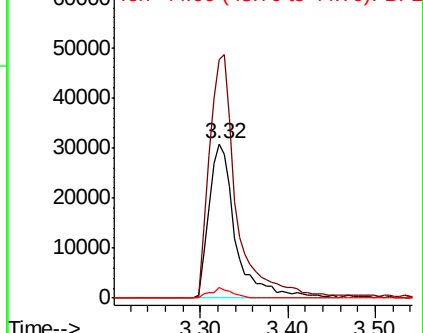
42 100

74 154.1 127.1 190.7

44 7.3 4.3 6.5#



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: 117.021 ng

RT: 5.46 min Scan# 573

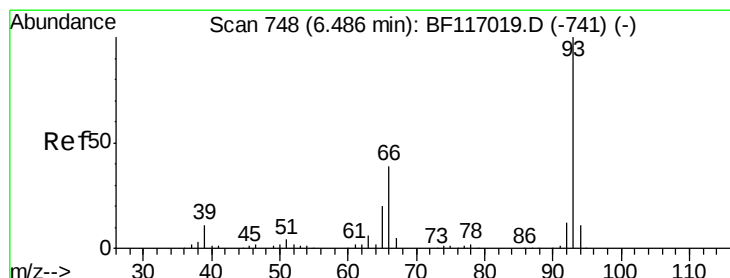
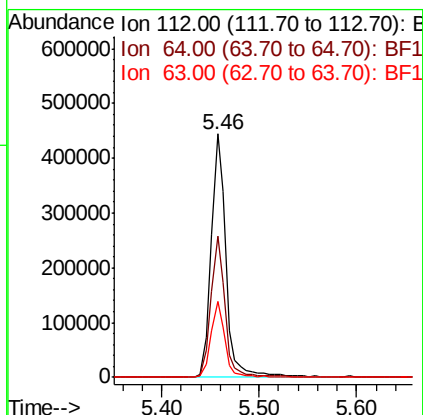
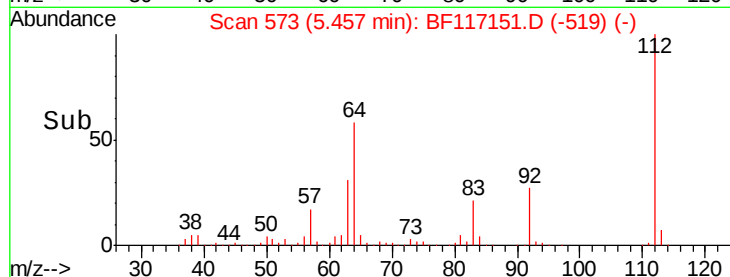
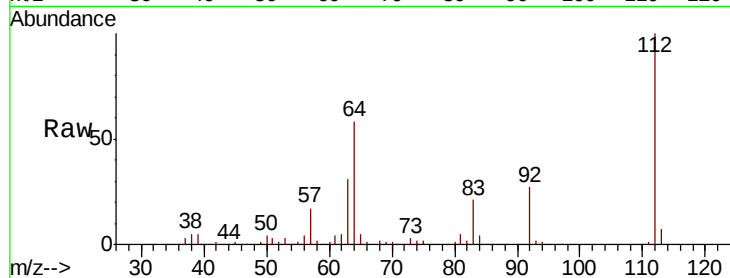
Delta R.T. 0.02 min

Lab File: BF117151.D

Acq: 18 Sep 2019 18:14

Instrument :  
BNA\_F  
ClientSampled :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 112   | Resp: | 470011 |
| Ion      | Ratio | Lower | Upper  |
| 112      | 100   |       |        |
| 64       | 57.9  | 45.7  | 68.5   |
| 63       | 31.2  | 24.9  | 37.3   |



#6

Aniline

Concen: 16.635 ng

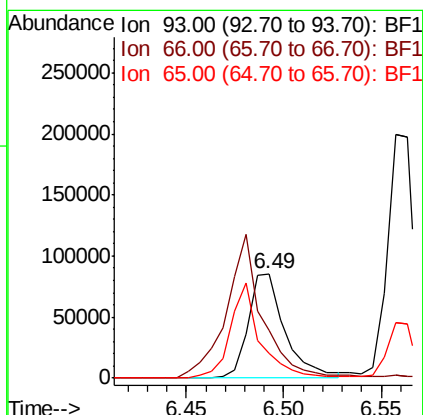
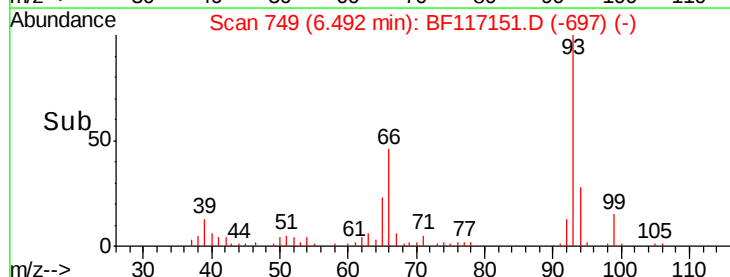
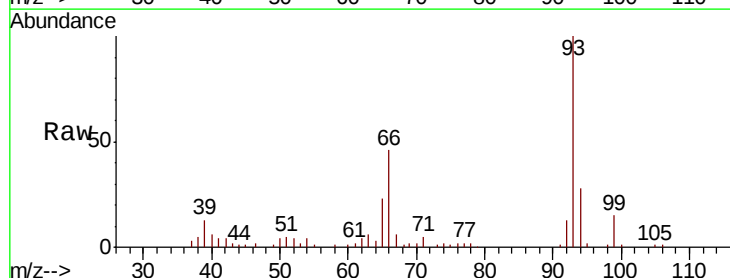
RT: 6.49 min Scan# 749

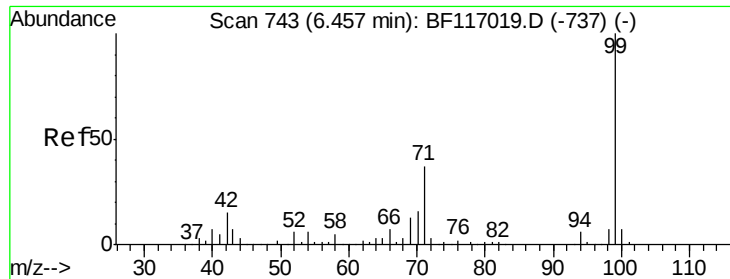
Delta R.T. 0.01 min

Lab File: BF117151.D

Acq: 18 Sep 2019 18:14

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 93    | Resp: | 111174 |
| Ion      | Ratio | Lower | Upper  |
| 93       | 100   |       |        |
| 66       | 46.4  | 32.6  | 49.0   |
| 65       | 23.5  | 16.7  | 25.1   |





#7

Phenol-d6

Concen: 111.054 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.01 min

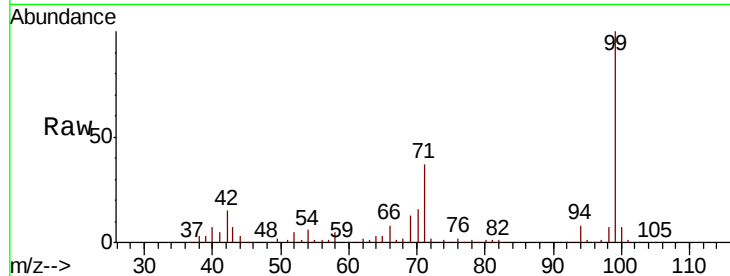
Lab File: BF117151.D

Acq: 18 Sep 2019 18:14

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion: 99 Resp: 576453

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 14.8  | 12.2  | 18.2  |
| 71  | 36.7  | 29.8  | 44.8  |

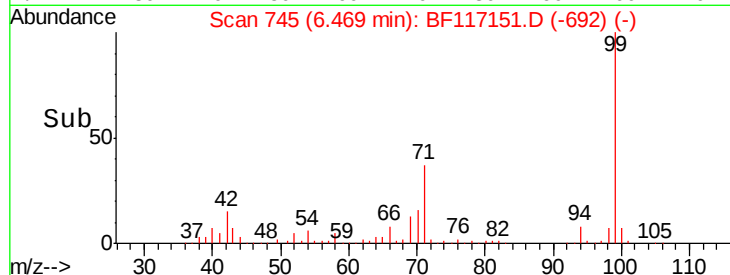


Abundance

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

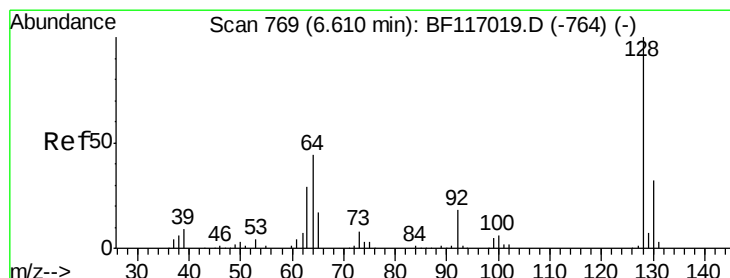


Abundance

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: 45.274 ng

RT: 6.62 min Scan# 770

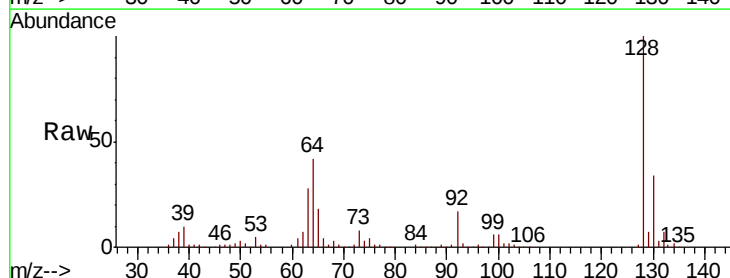
Delta R.T. 0.01 min

Lab File: BF117151.D

Acq: 18 Sep 2019 18:14

Tgt Ion:128 Resp: 196171

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 130 | 33.8  | 11.8  | 51.8  |
| 64  | 42.0  | 25.0  | 65.0  |

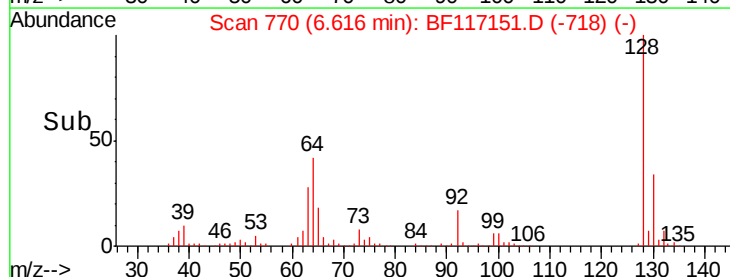


Abundance

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

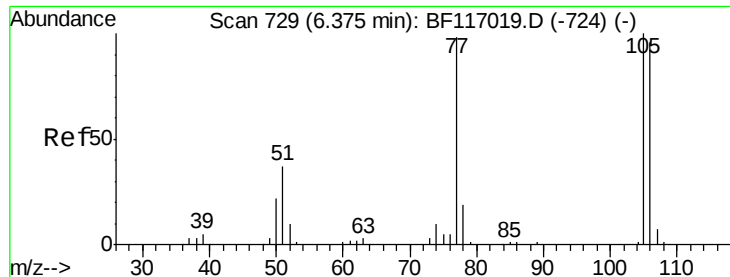


Abundance

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: 34.962 ng

RT: 6.37 min Scan# 729

Delta R.T. 0.00 min

Lab File: BF117151.D

Acq: 18 Sep 2019 18:14

Instrument :

BNA\_F

ClientSampled :

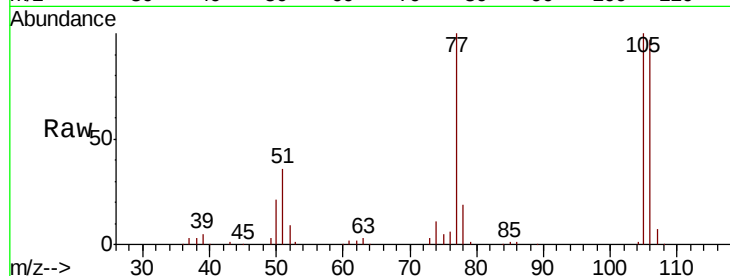
Tot Ion: 77 Resp: 93760

Ion Ratio Lower Upper

77 100

105 100.2 81.8 121.8

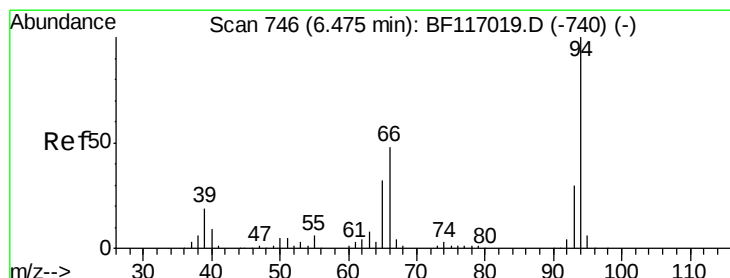
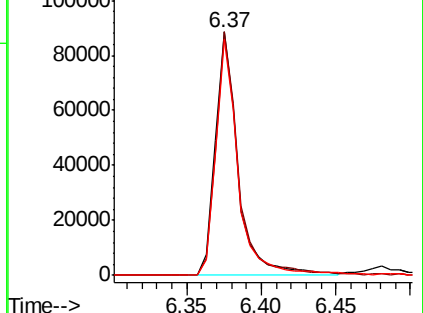
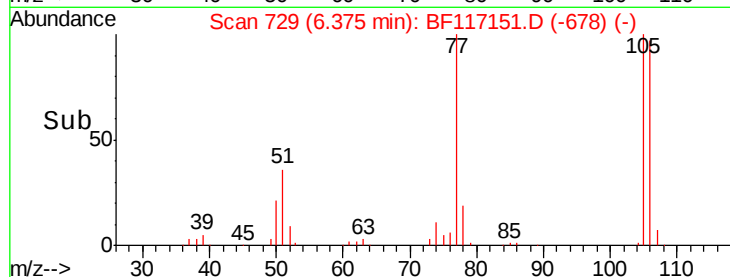
106 97.1 77.3 117.3



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 37.952 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.01 min

Lab File: BF117151.D

Acq: 18 Sep 2019 18:14

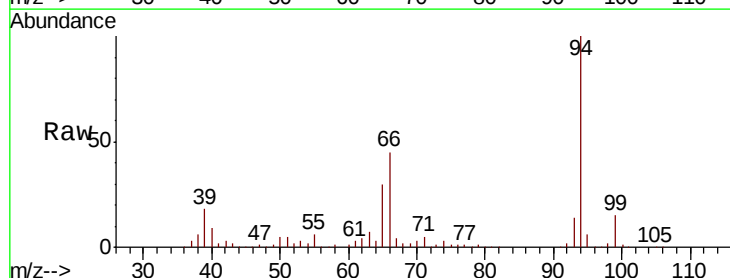
Tgt Ion: 94 Resp: 217172

Ion Ratio Lower Upper

94 100

65 29.7 12.5 52.5

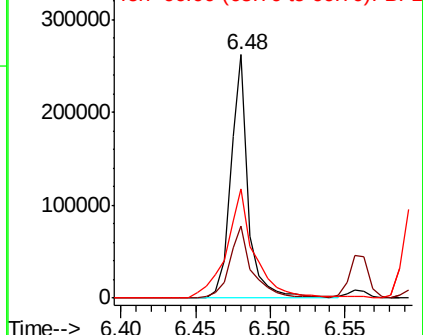
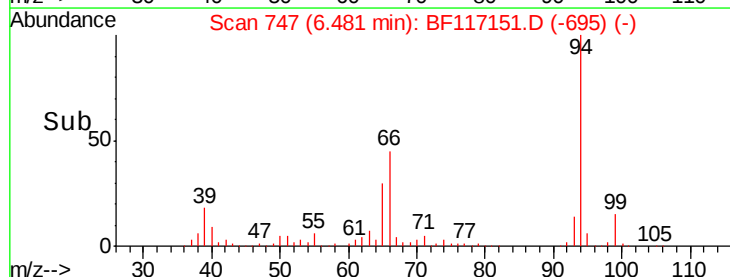
66 44.9 28.9 68.9



Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

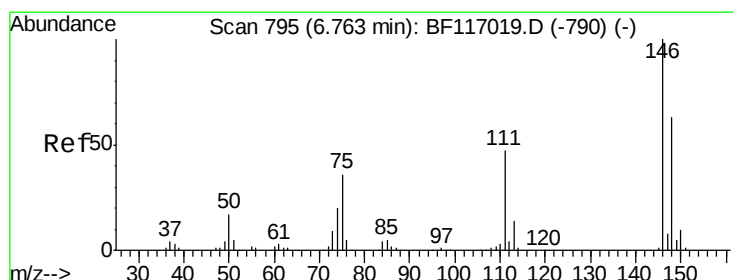
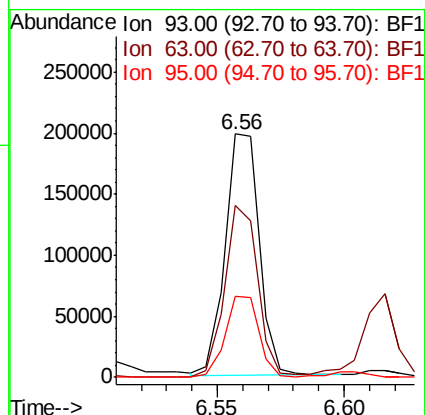
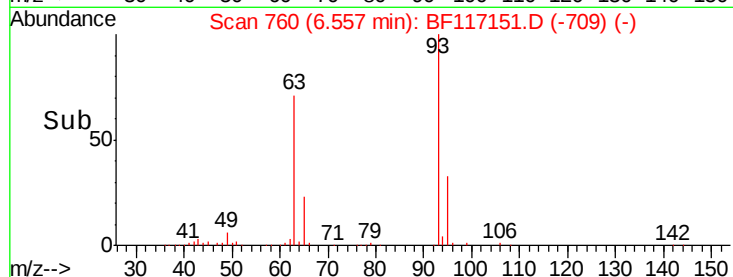
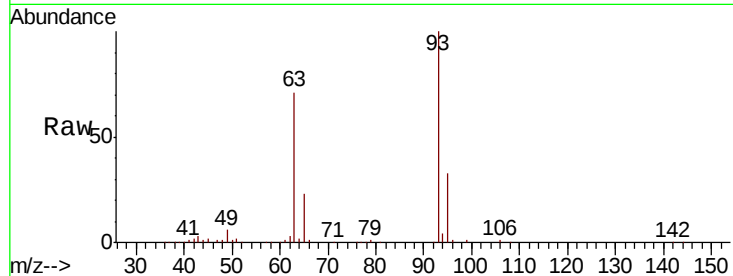




#11  
bis(2-Chloroethyl)ether  
Concen: 43.867 ng  
RT: 6.56 min Scan# 760  
Delta R.T. 0.00 min  
Lab File: BF117151.D  
Acq: 18 Sep 2019 18:14

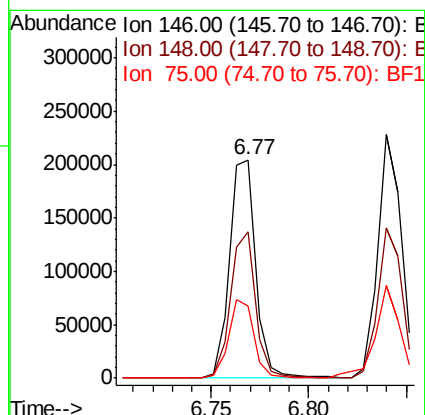
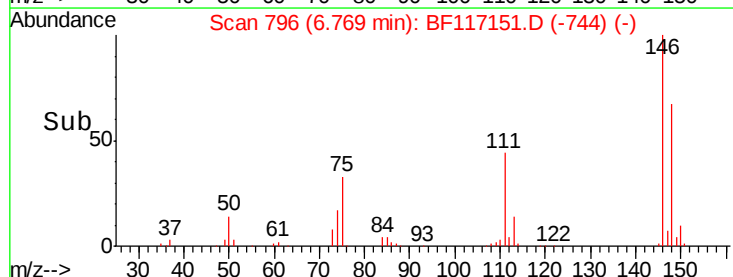
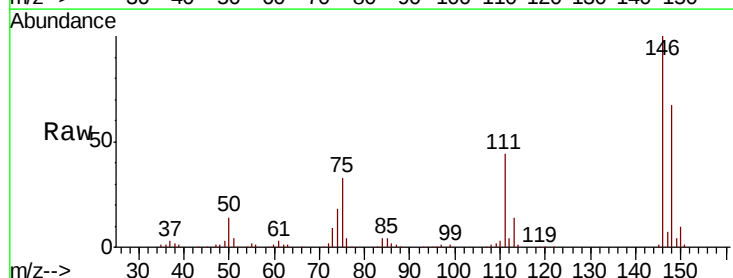
Instrument :  
BNA\_F  
ClientSampleId :

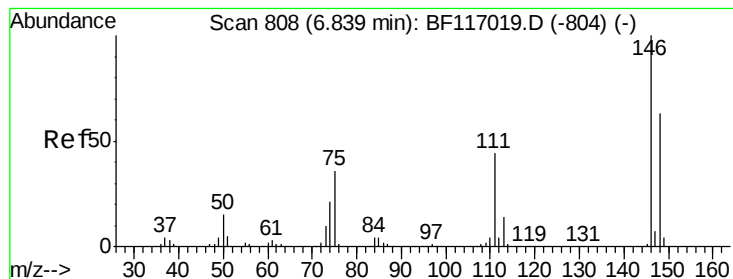
Tot Ion: 93 Resp: 184491  
Ion Ratio Lower Upper  
93 100  
63 70.9 49.3 89.3  
95 33.1 11.5 51.5



#12  
1,3-Dichlorobenzene  
Concen: 39.399 ng  
RT: 6.77 min Scan# 796  
Delta R.T. 0.01 min  
Lab File: BF117151.D  
Acq: 18 Sep 2019 18:14

Tgt Ion: 146 Resp: 191567  
Ion Ratio Lower Upper  
146 100  
148 67.0 50.8 76.2  
75 33.0 28.7 43.1





#13

1,4-Dichlorobenzene

Concen: 40.115 ng

RT: 6.84 min Scan# 808

Delta R.T. 0.00 min

Lab File: BF117151.D

Acq: 18 Sep 2019 18:14

Instrument :

BNA\_F

ClientSampleId :

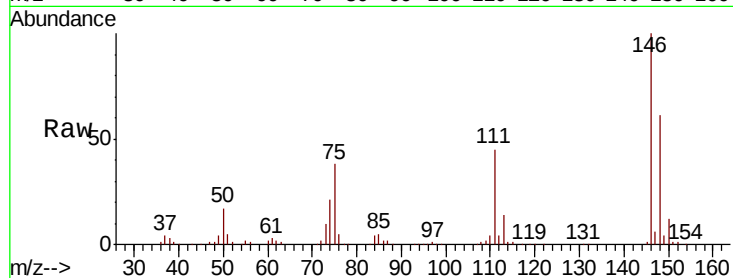
Tot Ion:146 Resp: 199047

Ion Ratio Lower Upper

146 100

148 61.4 50.6 76.0

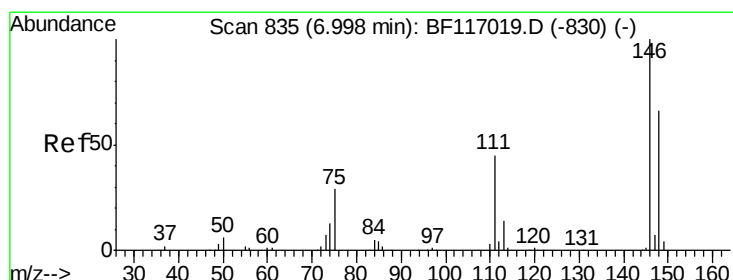
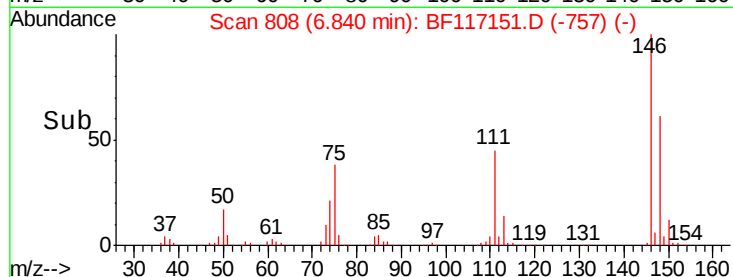
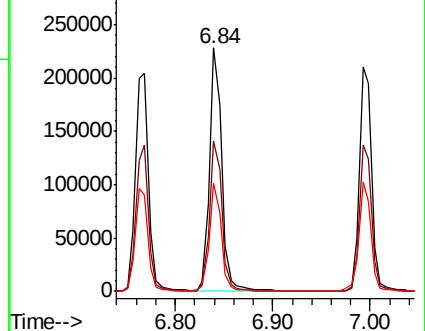
111 44.5 35.0 52.6



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 39.622 ng

RT: 6.99 min Scan# 834

Delta R.T. -0.01 min

Lab File: BF117151.D

Acq: 18 Sep 2019 18:14

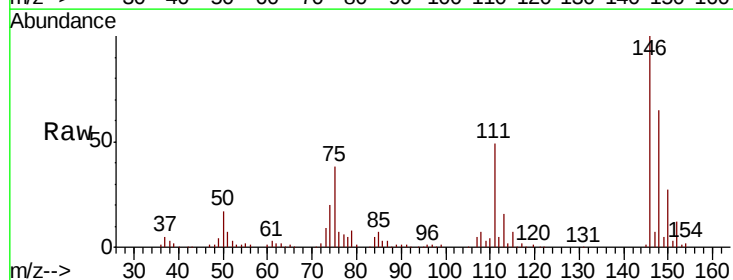
Tgt Ion:146 Resp: 183046

Ion Ratio Lower Upper

146 100

148 65.3 52.6 78.8

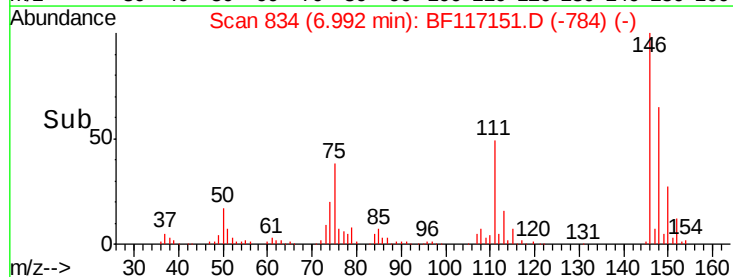
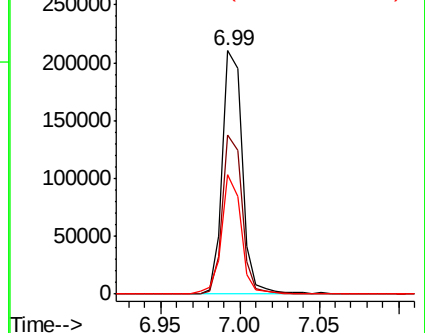
111 48.9 36.2 54.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 44.729 ng

RT: 6.97 min Scan# 830

Delta R.T. 0.01 min

Lab File: BF117151.D

Acq: 18 Sep 2019 18:14

Instrument :

BNA\_F

ClientSampled :

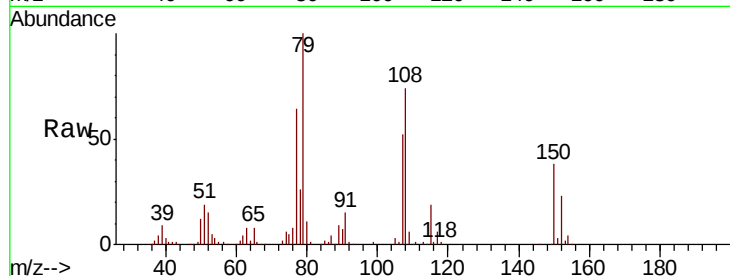
Tot Ion: 79 Resp: 178046

Ion Ratio Lower Upper

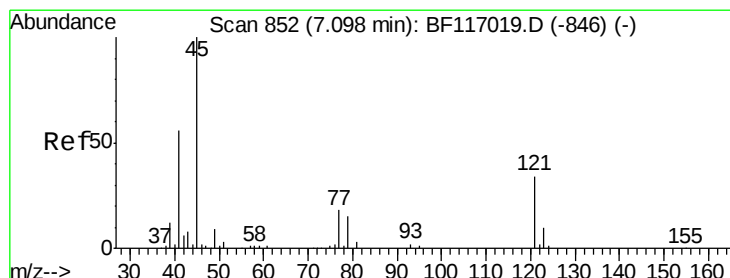
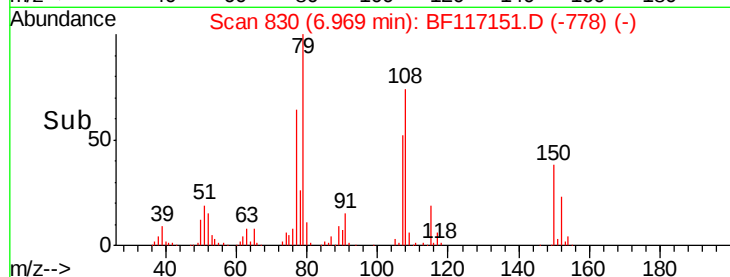
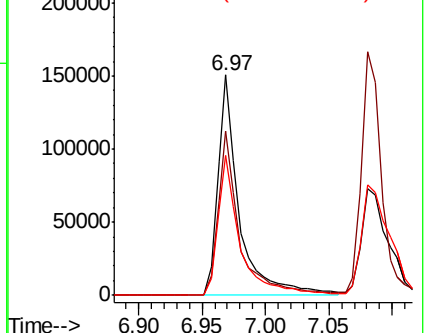
79 100

108 74.3 59.4 89.0

77 63.6 50.2 75.2



Abundance Ion 79.00 (78.70 to 79.70): BF1  
Ion 108.00 (107.70 to 108.70): BF1  
Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.163 ng

RT: 7.10 min Scan# 852

Delta R.T. 0.00 min

Lab File: BF117151.D

Acq: 18 Sep 2019 18:14

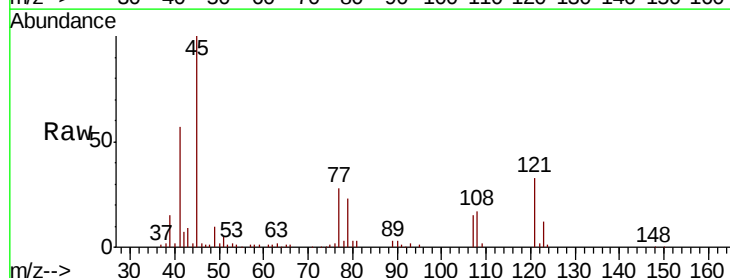
Tgt Ion: 45 Resp: 175195

Ion Ratio Lower Upper

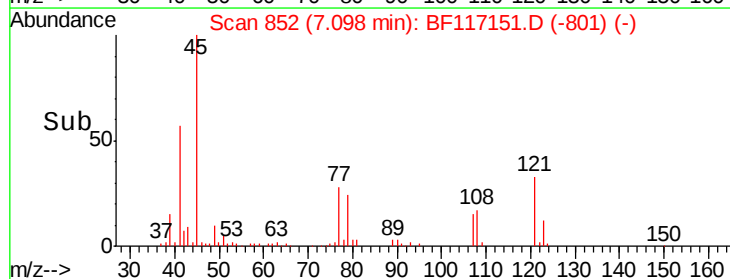
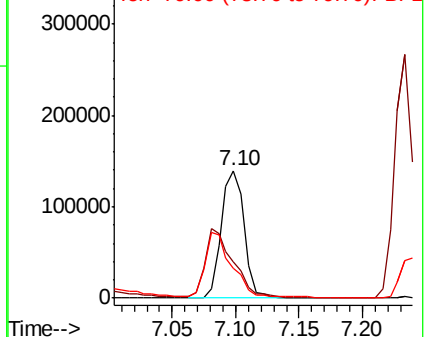
45 100

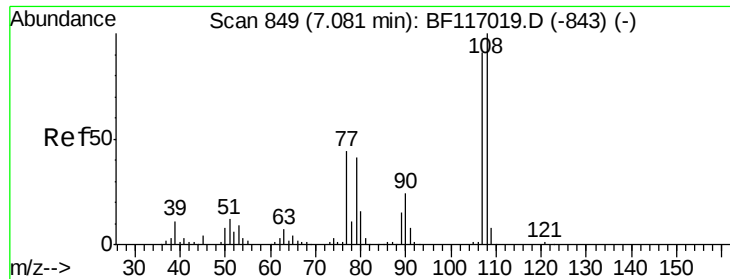
77 28.1 2.7 42.7

79 23.4 0.0 38.9



Abundance Ion 45.00 (44.70 to 45.70): BF1  
Ion 77.00 (76.70 to 77.70): BF1  
Ion 79.00 (78.70 to 79.70): BF1

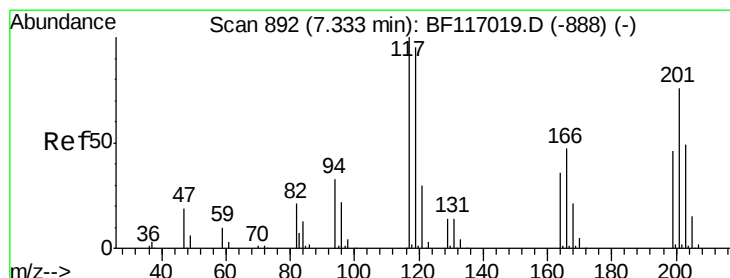
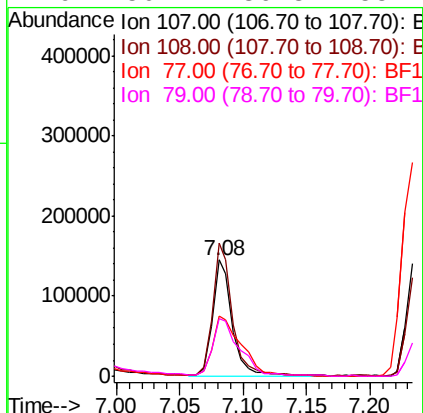
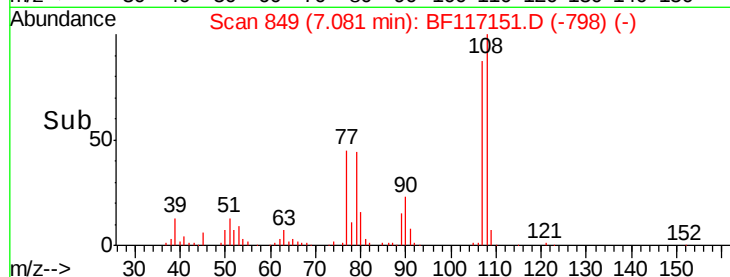
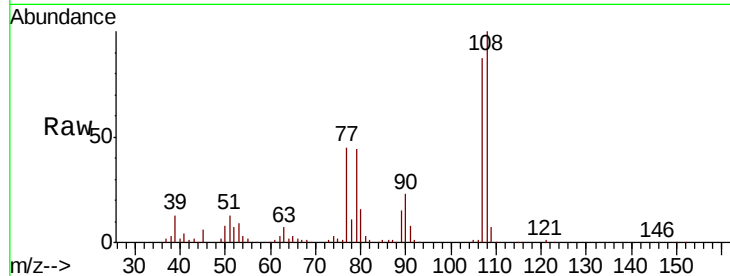




#17  
2-Methylphenol  
Concen: 43.488 ng  
RT: 7.08 min Scan# 849  
Delta R.T. 0.00 min  
Lab File: BF117151.D  
Acq: 18 Sep 2019 18:14

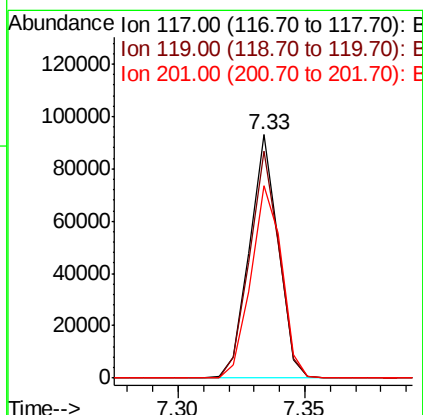
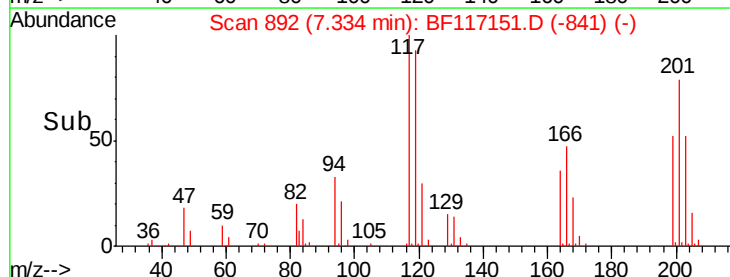
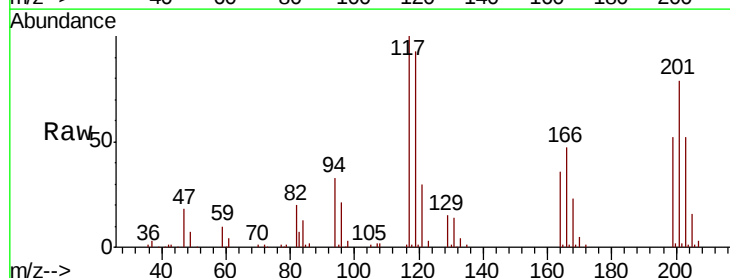
Instrument :  
BNA\_F  
ClientSampleId :

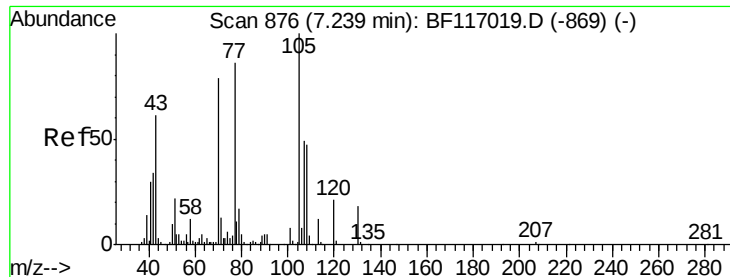
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 107   | Resp: | 157925 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 115.0 | 87.7  | 131.5  |
| 77       | 52.2  | 38.6  | 58.0   |
| 79       | 50.1  | 36.8  | 55.2   |



#18  
Hexachloroethane  
Concen: 38.674 ng  
RT: 7.33 min Scan# 892  
Delta R.T. 0.00 min  
Lab File: BF117151.D  
Acq: 18 Sep 2019 18:14

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 73824 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 93.5  | 75.8  | 113.8 |
| 201      | 79.1  | 60.9  | 91.3  |

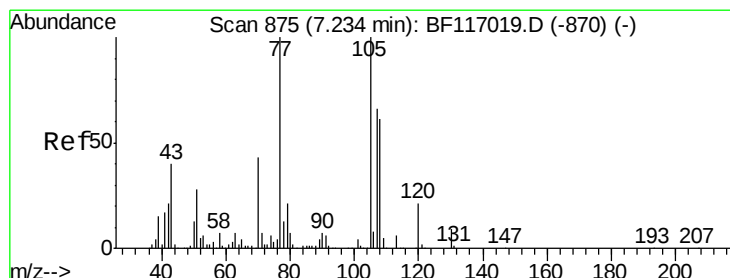
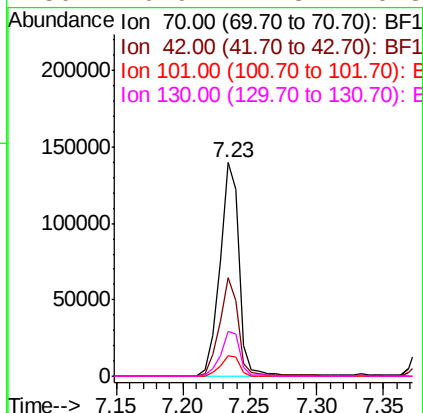
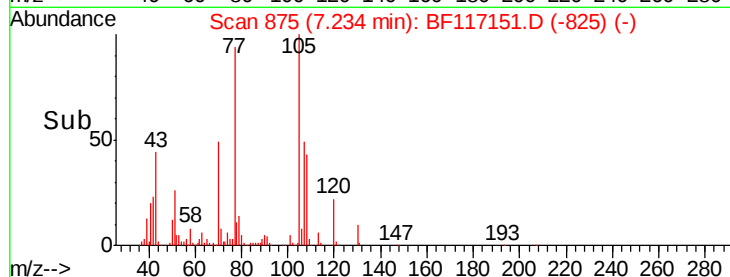
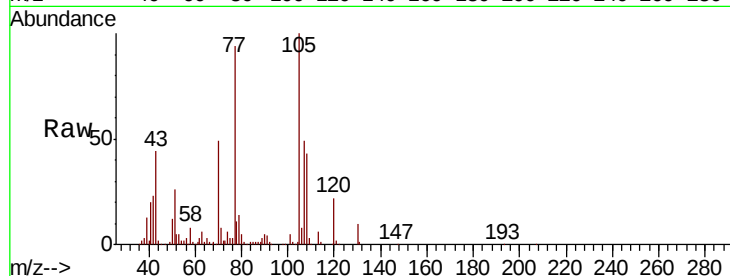




#19  
n-Nitroso-di-n-propylamine  
Concen: 45.294 ng  
RT: 7.23 min Scan# 875  
Delta R.T. -0.01 min  
Lab File: BF117151.D  
Acq: 18 Sep 2019 18:14

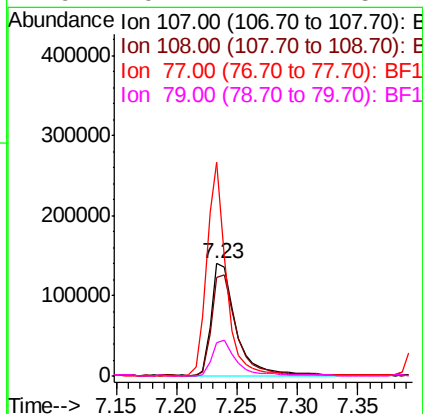
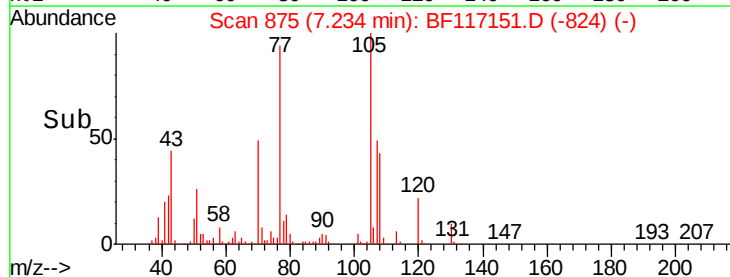
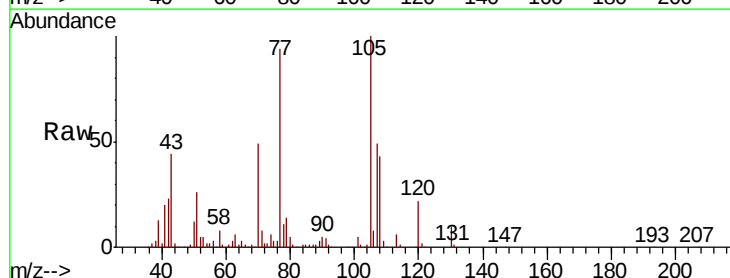
Instrument :  
BNA\_F  
ClientSampleId :

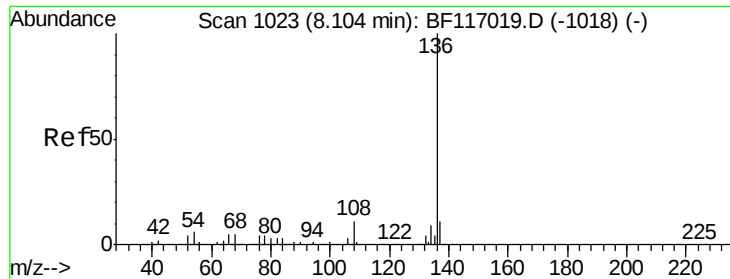
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 70    | Resp: | 143164 |
| Ion      | Ratio | Lower | Upper  |
| 70       | 100   |       |        |
| 42       | 45.9  | 34.0  | 51.0   |
| 101      | 9.7   | 7.8   | 11.6   |
| 130      | 20.9  | 17.8  | 26.8   |



#20  
3+4-Methylphenols  
Concen: 43.249 ng  
RT: 7.23 min Scan# 875  
Delta R.T. 0.00 min  
Lab File: BF117151.D  
Acq: 18 Sep 2019 18:14

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 195628 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 87.4  | 72.6  | 112.6  |
| 77       | 190.2 | 132.1 | 172.1# |
| 79       | 29.2  | 12.1  | 52.1   |





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1023

Delta R.T. 0.00 min

Lab File: BF117151.D

Acq: 18 Sep 2019 18:14

Instrument :

BNA\_F

ClientSampleId :

Tot Ion:136 Resp: 245864

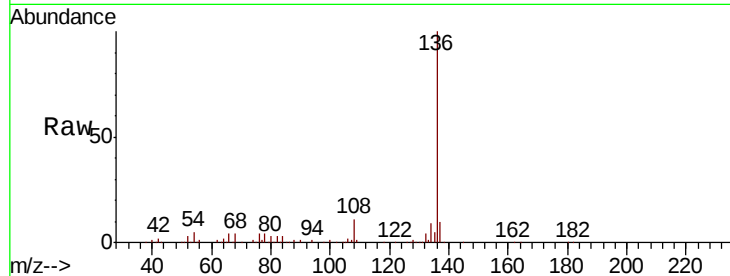
Ion Ratio Lower Upper

136 100

137 10.0 9.0 13.4

54 4.8 4.5 6.7

68 4.4 4.0 6.0

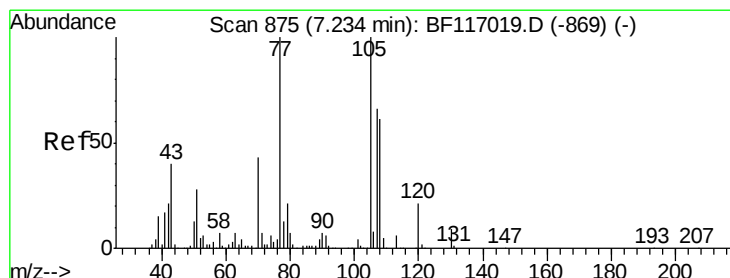
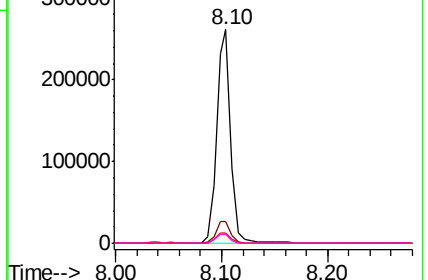
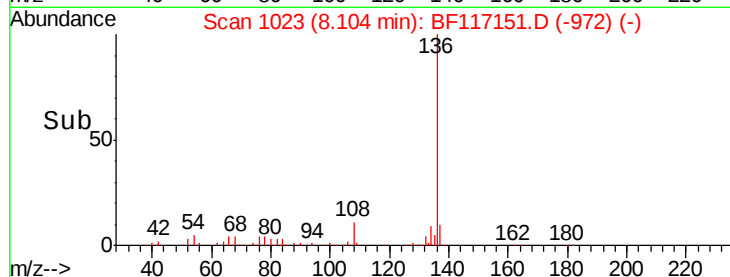


Abundance Ion 136.00 (135.70 to 136.70): E

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



#22

Acetophenone

Concen: 47.517 ng

RT: 7.23 min Scan# 875

Delta R.T. 0.00 min

Lab File: BF117151.D

Acq: 18 Sep 2019 18:14

Tgt Ion:105 Resp: 296823

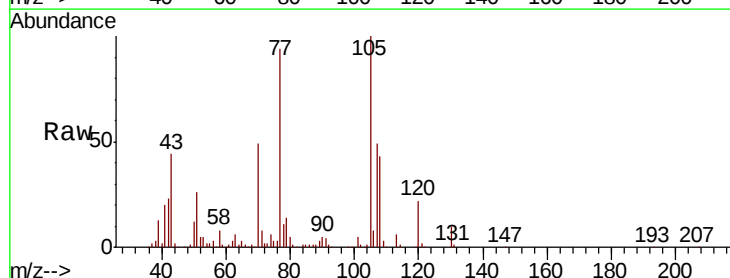
Ion Ratio Lower Upper

105 100

71 8.1 5.7 8.5

51 26.0 22.1 33.1

120 21.7 17.1 25.7

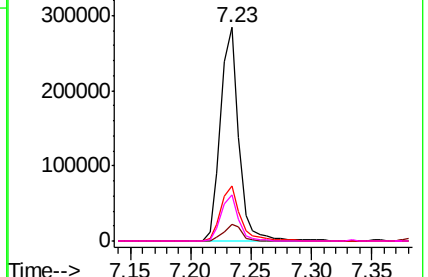
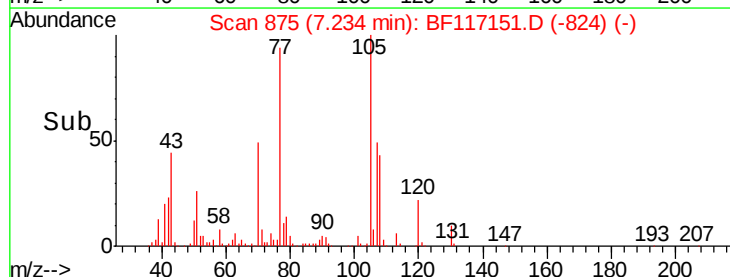


Abundance Ion 105.00 (104.70 to 105.70): E

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

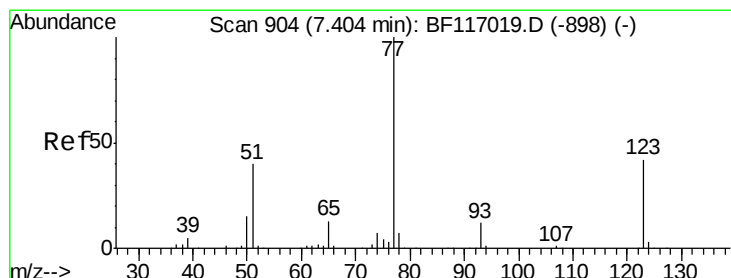
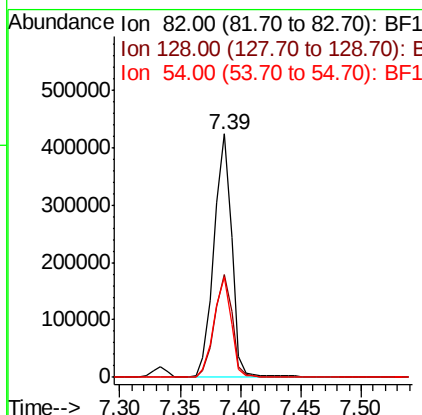
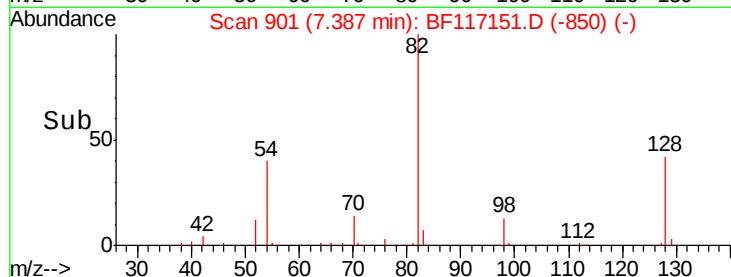
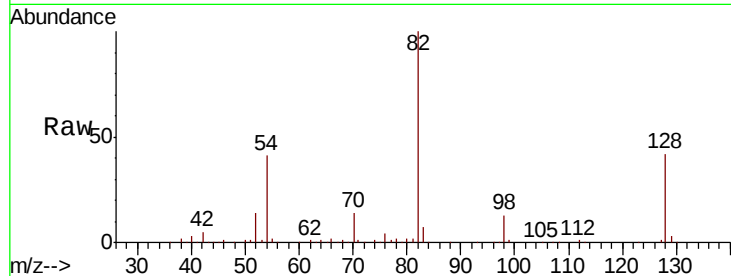




#23  
 Nitrobenzene-d5  
 Concen: 91.627 ng  
 RT: 7.39 min Scan# 901  
 Delta R.T. 0.00 min  
 Lab File: BF117151.D  
 Acq: 18 Sep 2019 18:14

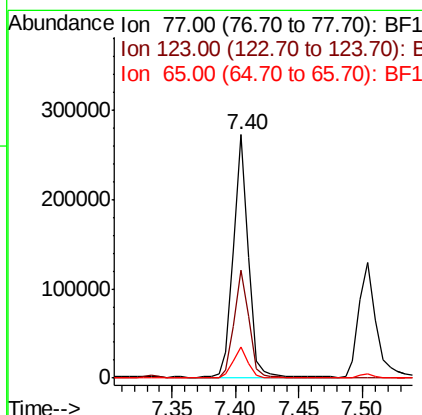
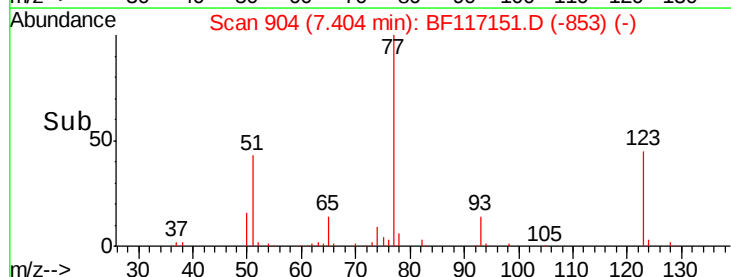
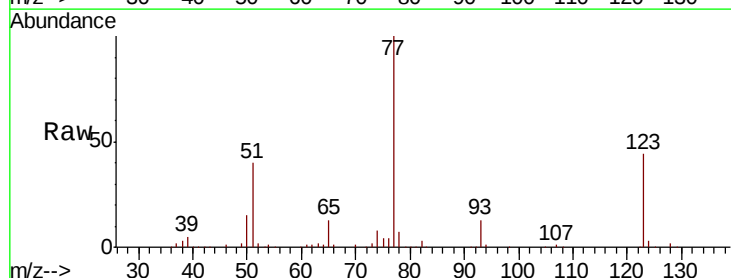
Instrument :  
 BNA\_F  
 ClientSampleId :

| Tot Ion   | 82   | Resp  | 428755 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 128       | 42.3 | 32.3  | 48.5   |
| 54        | 41.1 | 33.3  | 49.9   |



#24  
 Nitrobenzene  
 Concen: 48.021 ng  
 RT: 7.40 min Scan# 904  
 Delta R.T. 0.00 min  
 Lab File: BF117151.D  
 Acq: 18 Sep 2019 18:14

| Tgt Ion   | 77   | Resp  | 221907 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 123       | 44.5 | 33.5  | 50.3   |
| 65        | 12.9 | 10.5  | 15.7   |





#25

Isophorone

Concen: 47.090 ng

RT: 7.65 min Scan# 945

Delta R.T. 0.00 min

Lab File: BF117151.D

Acq: 18 Sep 2019 18:14

Instrument :  
BNA\_F  
ClientSampleId :

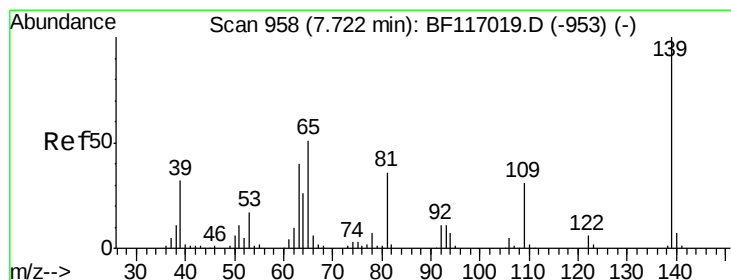
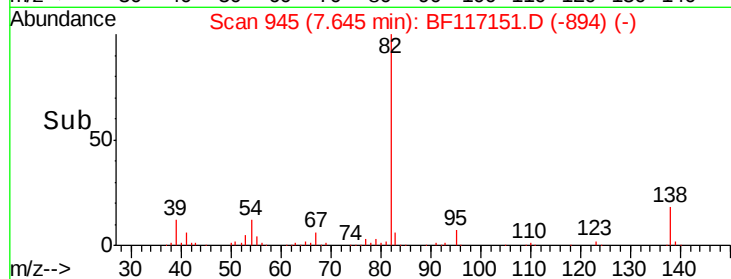
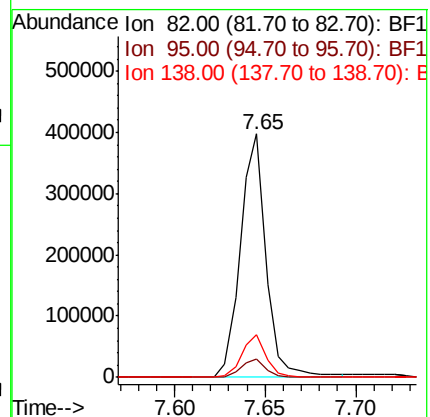
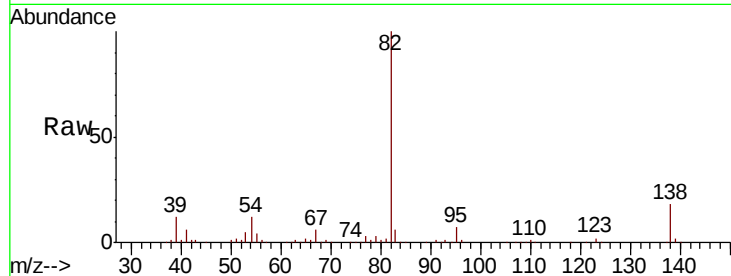
Tot Ion: 82 Resp: 390147

Ion Ratio Lower Upper

82 100

95 7.4 5.8 8.6

138 17.7 13.5 20.3



#26

2-Nitrophenol

Concen: 51.821 ng

RT: 7.72 min Scan# 958

Delta R.T. 0.00 min

Lab File: BF117151.D

Acq: 18 Sep 2019 18:14

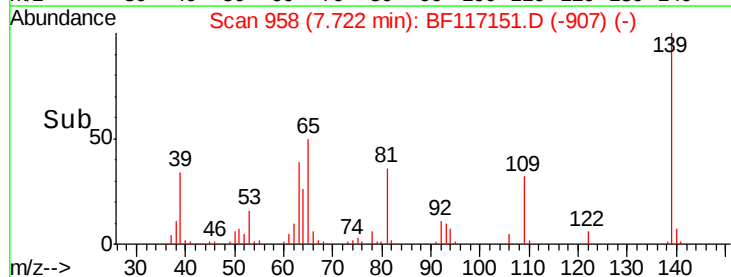
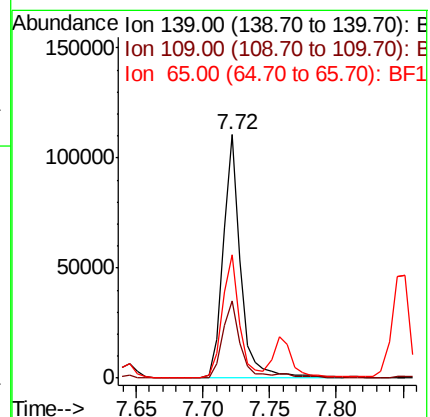
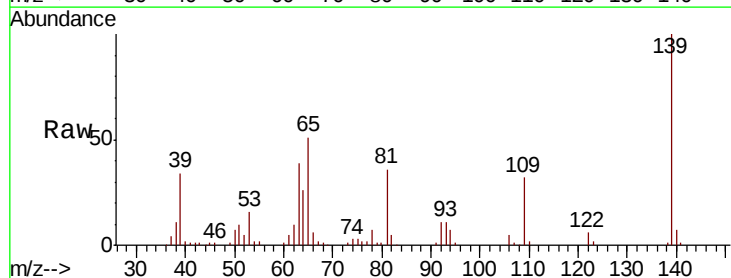
Tgt Ion: 139 Resp: 102860

Ion Ratio Lower Upper

139 100

109 31.9 24.6 36.8

65 50.6 40.9 61.3





#27

2,4-Dimethylphenol

Concen: 54.158 ng

RT: 7.76 min Scan# 964

Delta R.T. 0.00 min

Lab File: BF117151.D

Acq: 18 Sep 2019 18:14

Instrument :

BNA\_F

ClientSampleId :

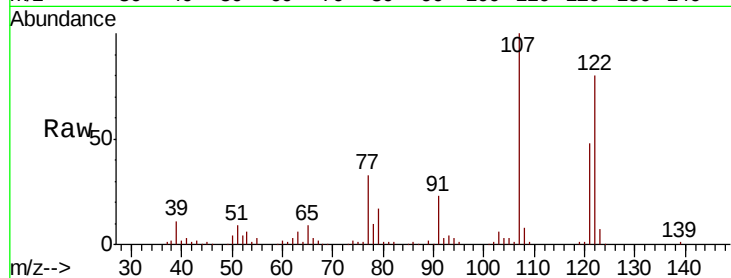
Tot Ion:122 Resp: 170470

Ion Ratio Lower Upper

122 100

107 125.2 98.9 148.3

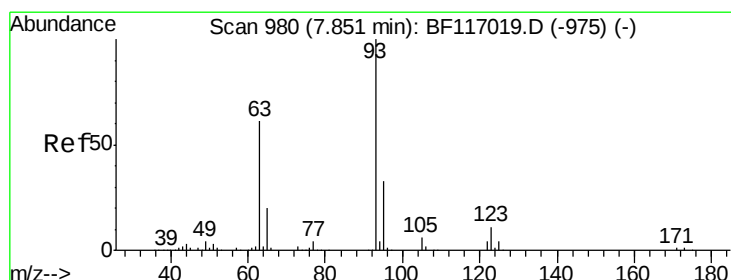
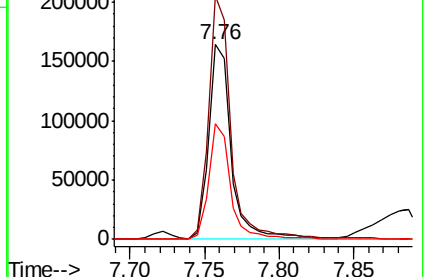
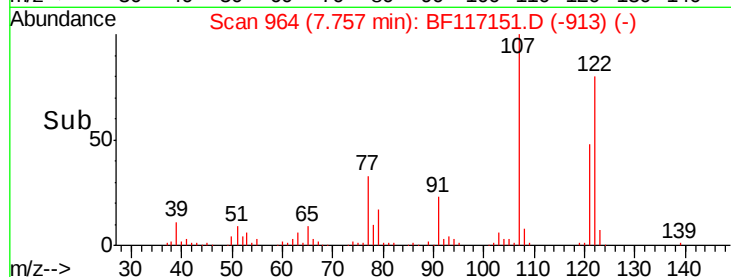
121 59.6 45.3 67.9



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: 46.373 ng

RT: 7.85 min Scan# 980

Delta R.T. 0.00 min

Lab File: BF117151.D

Acq: 18 Sep 2019 18:14

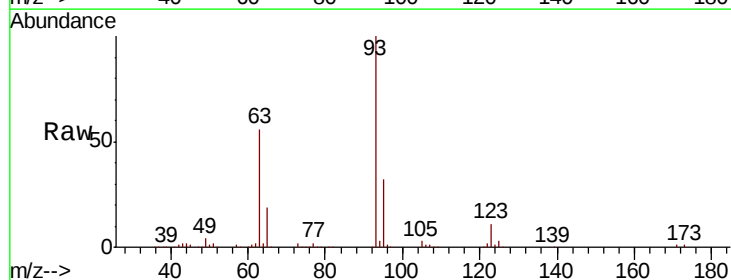
Tgt Ion: 93 Resp: 236715

Ion Ratio Lower Upper

93 100

95 32.0 26.2 39.4

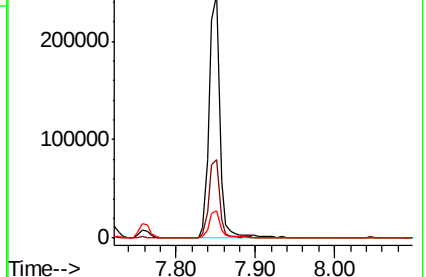
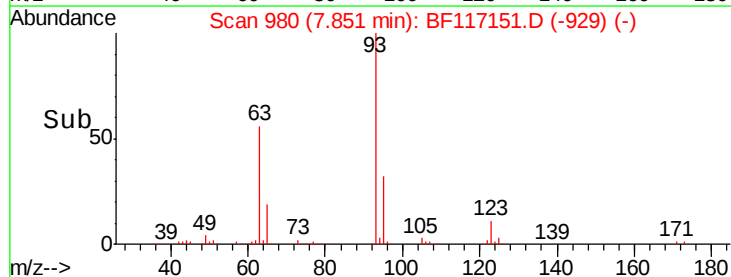
123 11.3 9.0 13.6

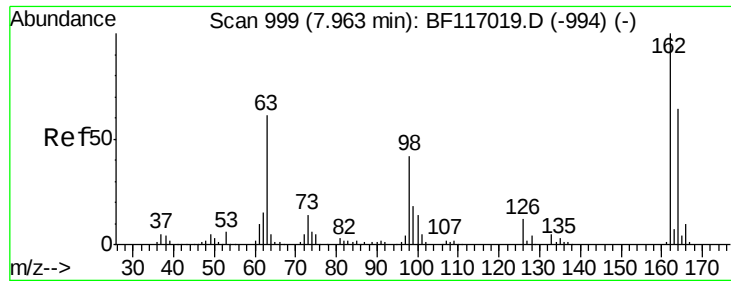


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

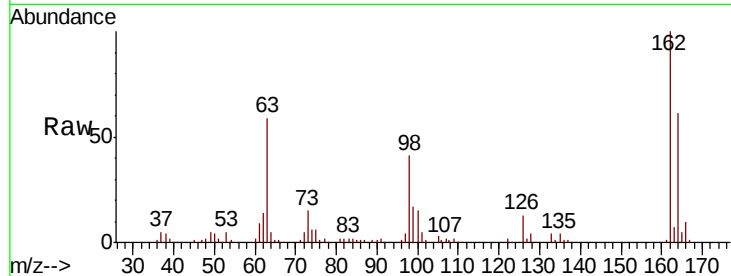




#29  
 2,4-Dichlorophenol  
 Concen: 49.588 ng  
 RT: 7.96 min Scan# 999  
 Delta R.T. 0.00 min  
 Lab File: BF117151.D  
 Acq: 18 Sep 2019 18:14

Instrument :  
 BNA\_F  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 61.3  | 43.8  | 83.8  |
| 98      | 41.1  | 22.1  | 62.1  |

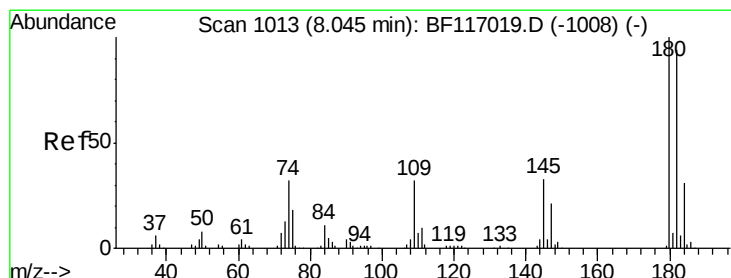
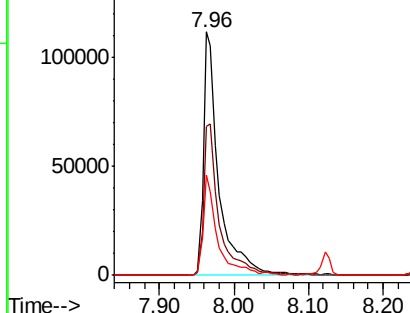
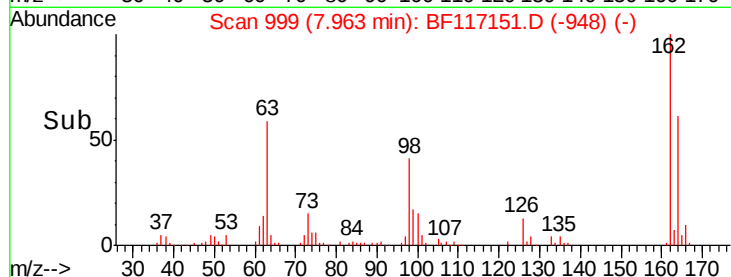


Abundance

Ion 162.00 (161.70 to 162.70): E

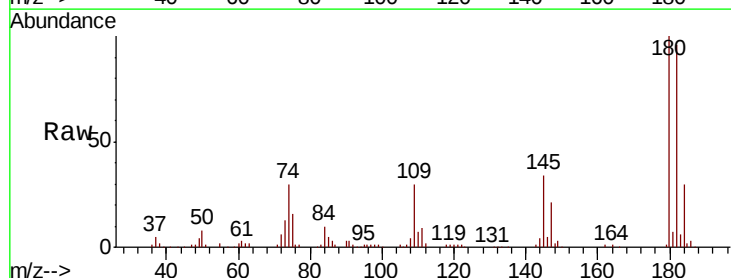
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30  
 1,2,4-Trichlorobenzene  
 Concen: 44.659 ng  
 RT: 8.05 min Scan# 1013  
 Delta R.T. 0.00 min  
 Lab File: BF117151.D  
 Acq: 18 Sep 2019 18:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 96.4  | 75.4  | 113.0 |
| 145     | 34.2  | 26.7  | 40.1  |

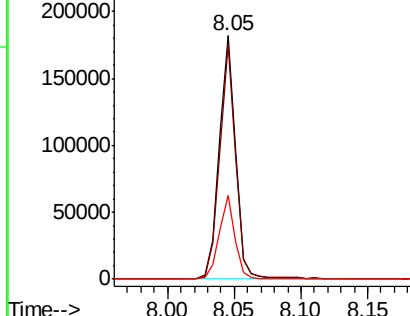
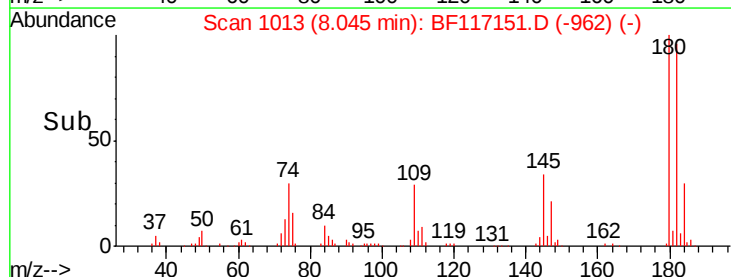


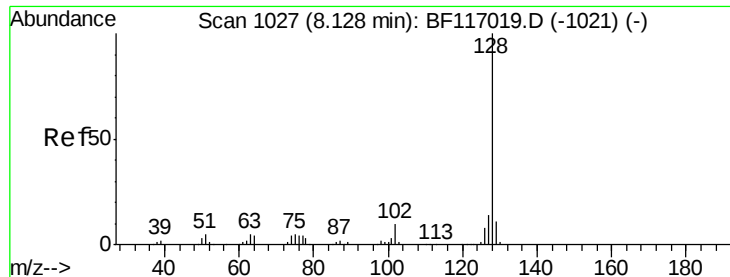
Abundance

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

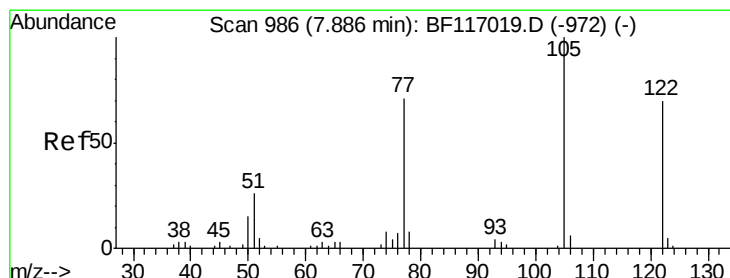
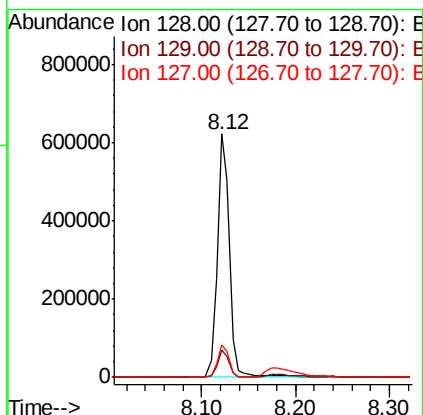
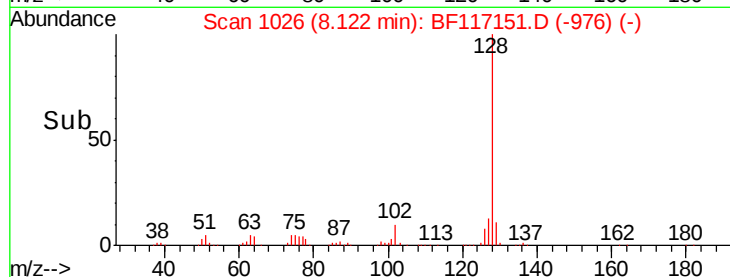
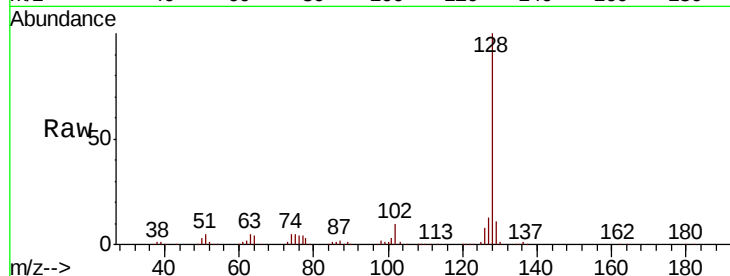




#31  
Naphthalene  
Concen: 47.788 ng  
RT: 8.12 min Scan# 1026  
Delta R.T. -0.01 min  
Lab File: BF117151.D  
Acq: 18 Sep 2019 18:14

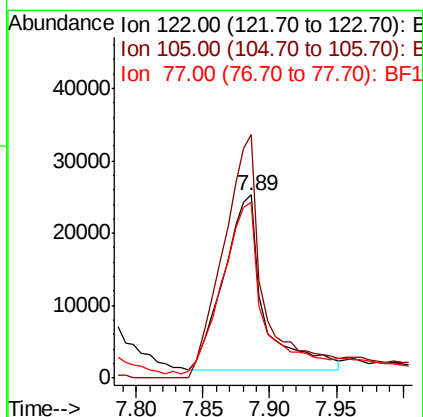
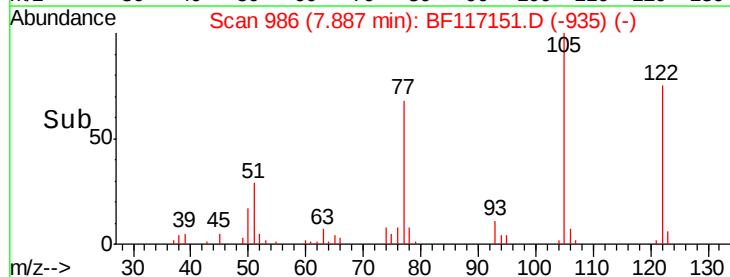
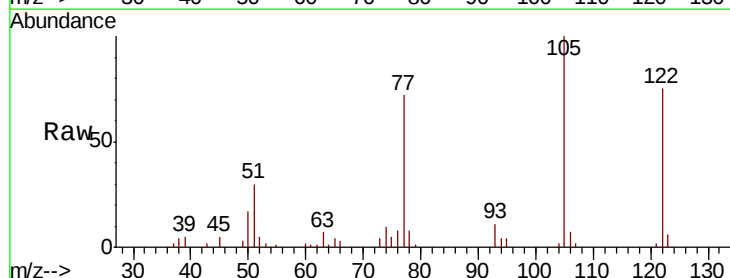
Instrument :  
BNA\_F  
ClientSampleId :

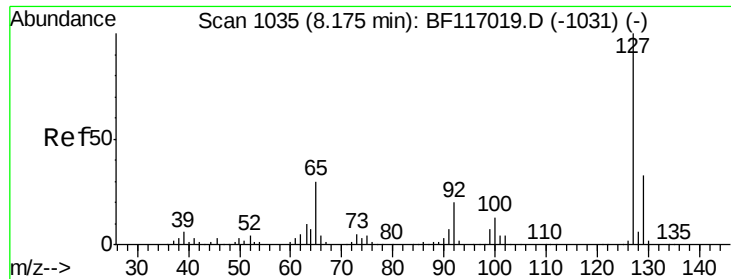
Tot Ion:128 Resp: 565075  
Ion Ratio Lower Upper  
128 100  
129 11.2 9.0 13.4  
127 13.2 10.8 16.2



#32  
Benzoic acid  
Concen: 25.046 ng  
RT: 7.89 min Scan# 986  
Delta R.T. 0.00 min  
Lab File: BF117151.D  
Acq: 18 Sep 2019 18:14

Tgt Ion:122 Resp: 50840  
Ion Ratio Lower Upper  
122 100  
105 133.1 114.8 154.8  
77 96.4 78.7 118.7

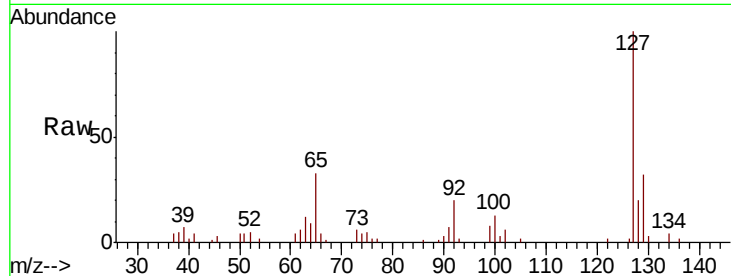




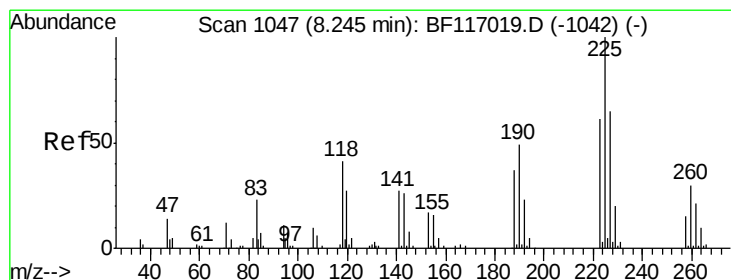
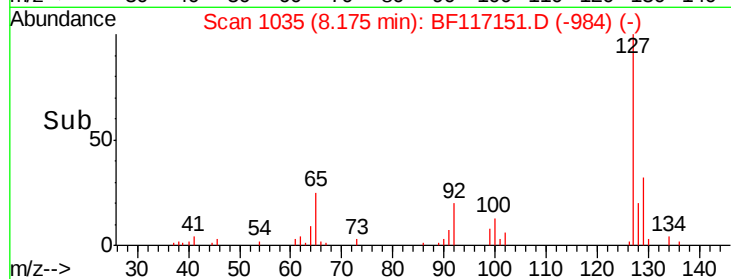
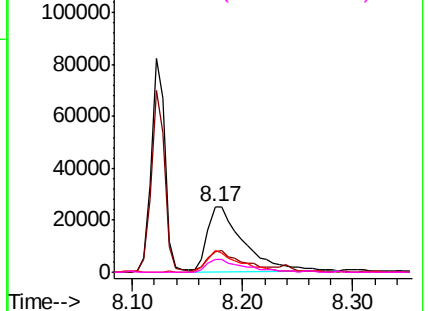
#33  
4-Chloroaniline  
Concen: 10.690 ng  
RT: 8.17 min Scan# 1035  
Delta R.T. 0.00 min  
Lab File: BF117151.D  
Acq: 18 Sep 2019 18:14

Instrument :  
BNA\_F  
ClientSampleId :

|             |       |           |
|-------------|-------|-----------|
| Tot Ion:127 | Resp: | 56062     |
| Ion Ratio   | Lower | Upper     |
| 127         | 100   |           |
| 129         | 31.7  | 26.2 39.2 |
| 65          | 32.7  | 23.5 35.3 |
| 92          | 19.9  | 15.9 23.9 |

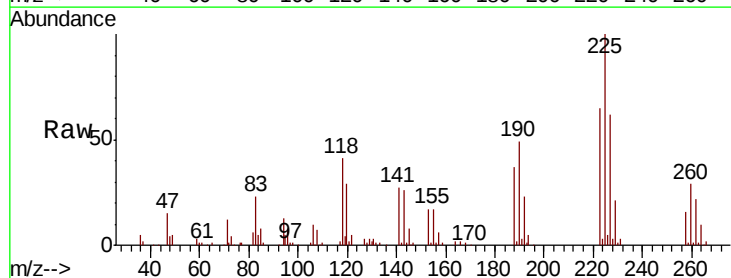


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BF1  
Ion 92.00 (91.70 to 92.70): BF1

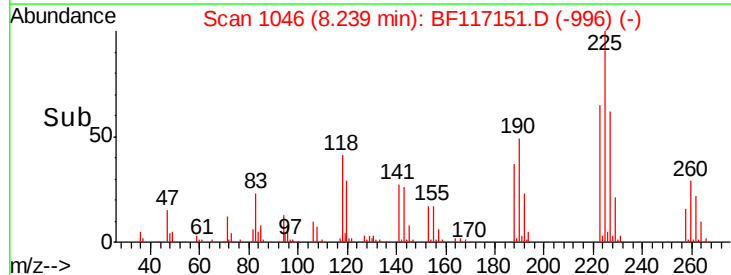
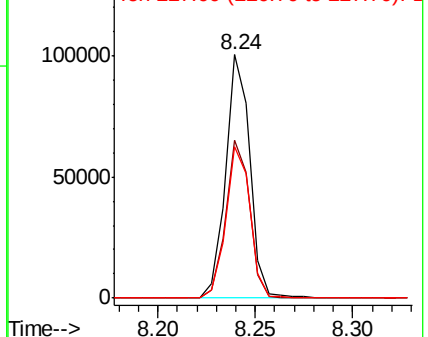


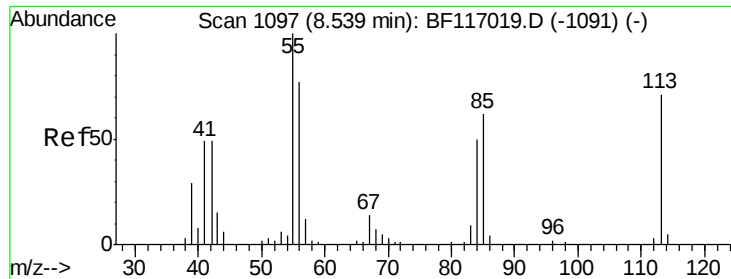
#34  
Hexachlorobutadiene  
Concen: 42.526 ng  
RT: 8.24 min Scan# 1046  
Delta R.T. -0.01 min  
Lab File: BF117151.D  
Acq: 18 Sep 2019 18:14

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:225 | Resp: | 85971     |
| Ion Ratio   | Lower | Upper     |
| 225         | 100   |           |
| 223         | 64.9  | 49.1 73.7 |
| 227         | 62.2  | 52.2 78.2 |



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

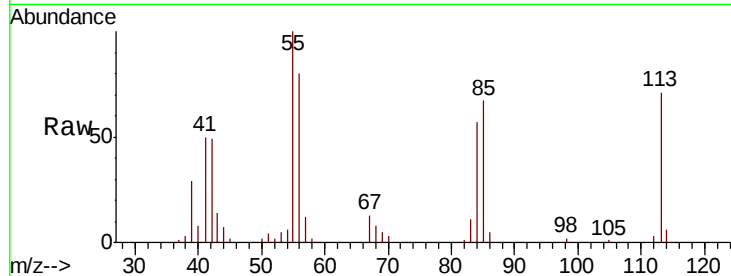




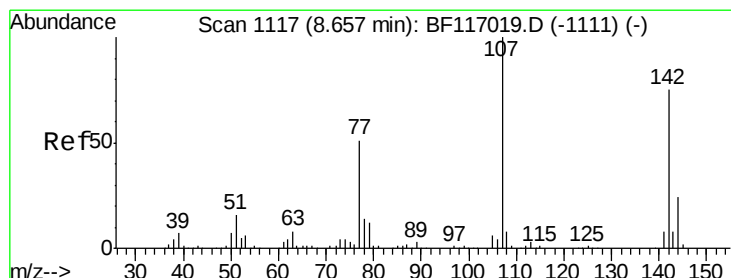
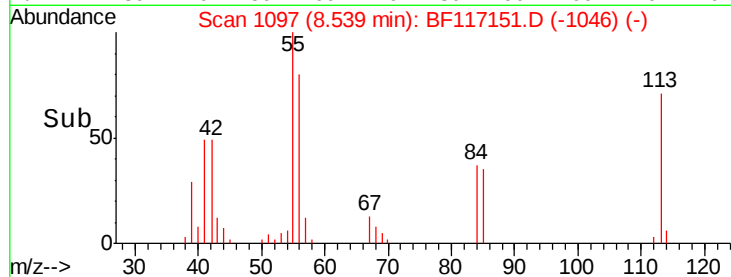
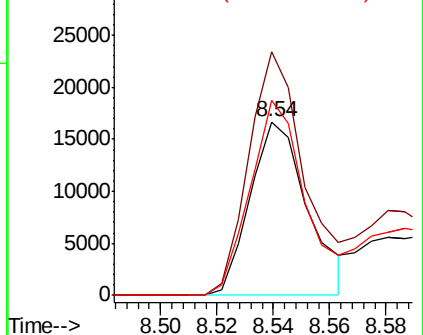
#35  
 Caprolactam  
 Concen: 21.069 ng  
 RT: 8.54 min Scan# 1097  
 Delta R.T. 0.00 min  
 Lab File: BF117151.D  
 Acq: 18 Sep 2019 18:14

Instrument :  
 BNA\_F  
 ClientSampleId :

Tot Ion:113 Resp: 23520  
 Ion Ratio Lower Upper  
 113 100  
 55 140.5 120.6 160.6  
 56 112.7 88.8 128.8

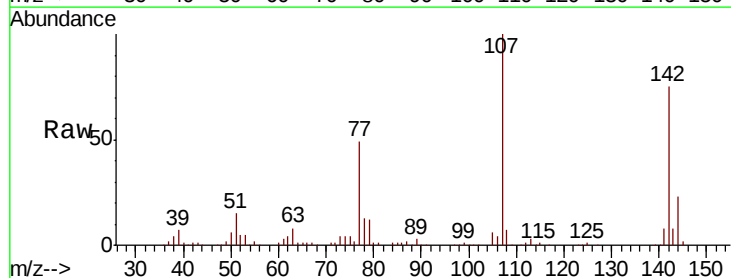


Abundance Ion 113.00 (112.70 to 113.70): E  
 Ion 55.00 (54.70 to 55.70): BF1  
 Ion 56.00 (55.70 to 56.70): BF1

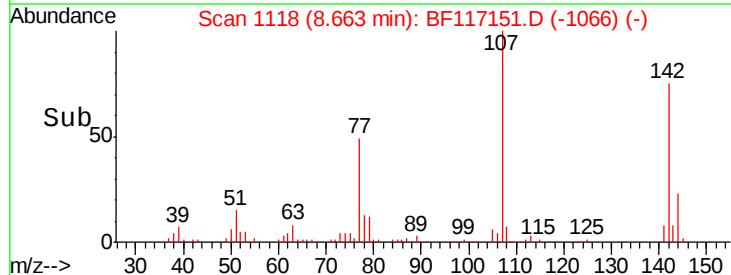
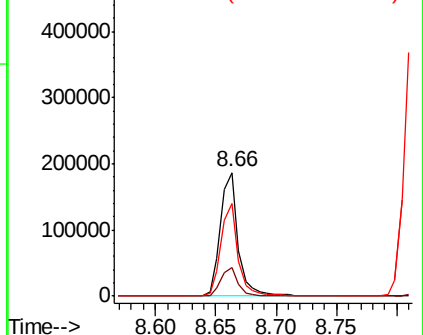


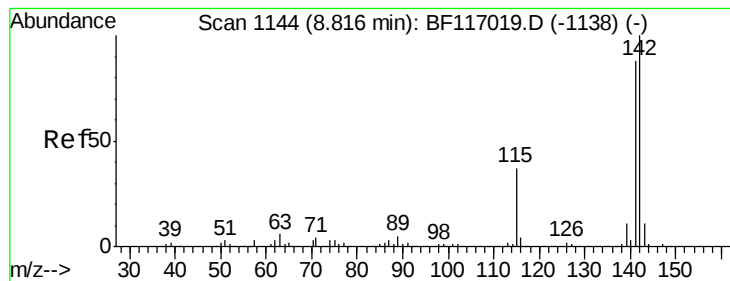
#36  
 4-Chloro-3-methylphenol  
 Concen: 49.520 ng  
 RT: 8.66 min Scan# 1118  
 Delta R.T. 0.01 min  
 Lab File: BF117151.D  
 Acq: 18 Sep 2019 18:14

Tgt Ion:107 Resp: 190439  
 Ion Ratio Lower Upper  
 107 100  
 144 23.0 19.2 28.8  
 142 74.8 59.6 89.4



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

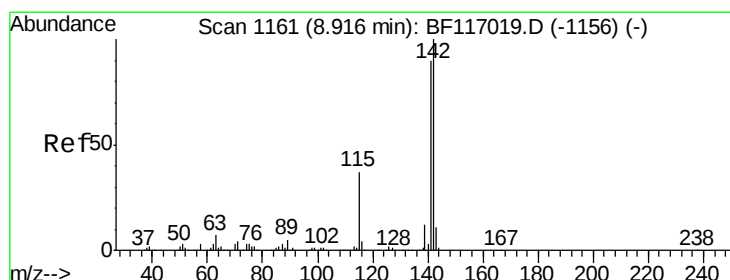
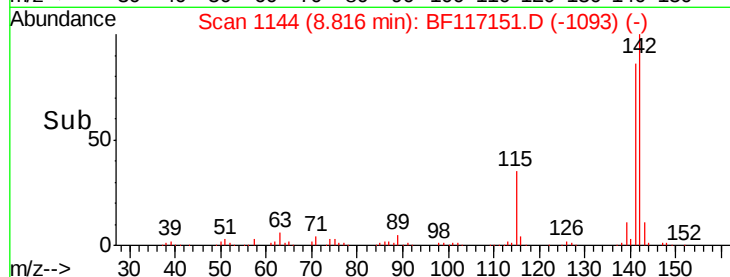
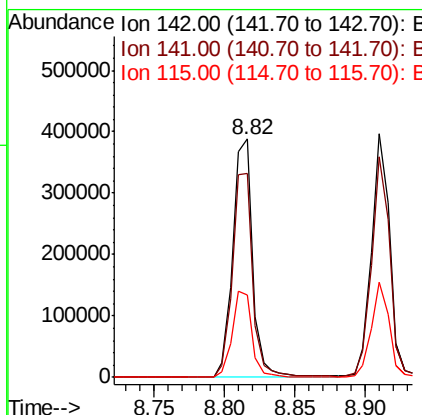
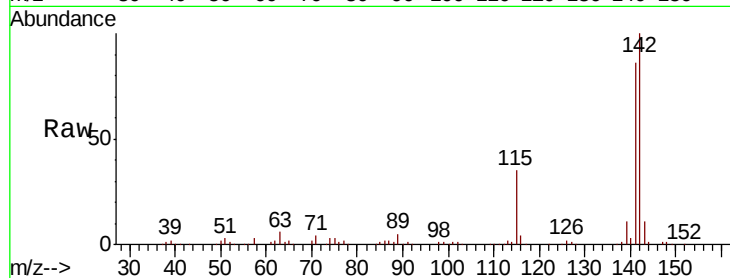




#37  
2-Methylnaphthalene  
Concen: 48.290 ng  
RT: 8.82 min Scan# 1144  
Delta R.T. 0.00 min  
Lab File: BF117151.D  
Acq: 18 Sep 2019 18:14

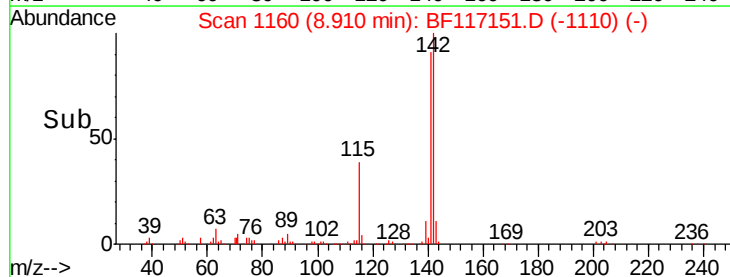
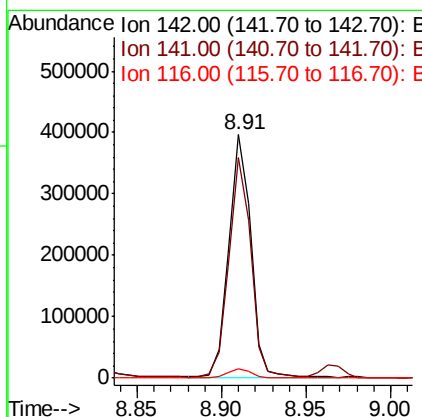
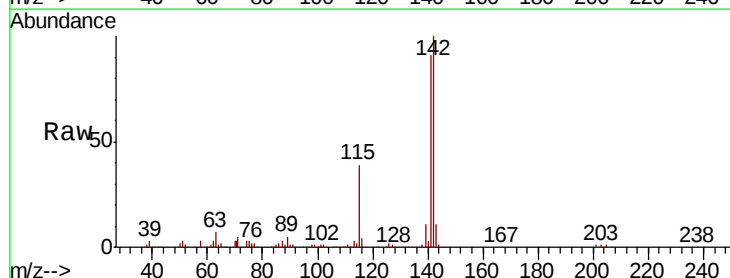
Instrument :  
BNA\_F  
ClientSampled :

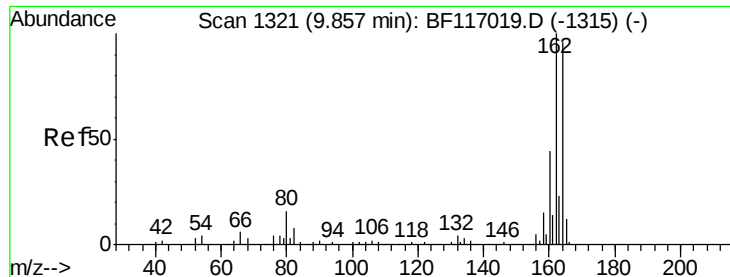
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 85.6  | 70.7  | 106.1 |
| 115     | 34.7  | 29.4  | 44.0  |



#38  
1-Methylnaphthalene  
Concen: 47.843 ng  
RT: 8.91 min Scan# 1160  
Delta R.T. -0.01 min  
Lab File: BF117151.D  
Acq: 18 Sep 2019 18:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 90.7  | 71.9  | 107.9 |
| 116     | 4.0   | 3.2   | 4.8   |

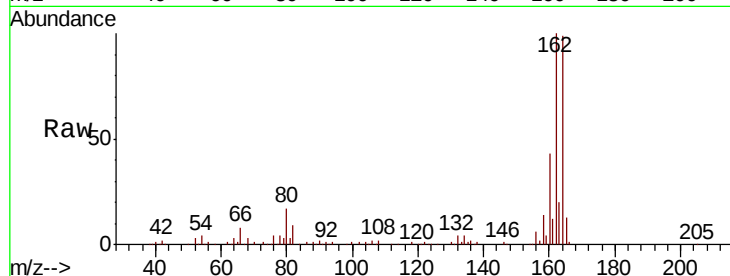




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.85 min Scan# 1320  
Delta R.T. -0.01 min  
Lab File: BF117151.D  
Acq: 18 Sep 2019 18:14

Instrument :  
BNA\_F  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 101.2 | 83.4  | 125.2 |
| 160     | 43.8  | 36.4  | 54.6  |

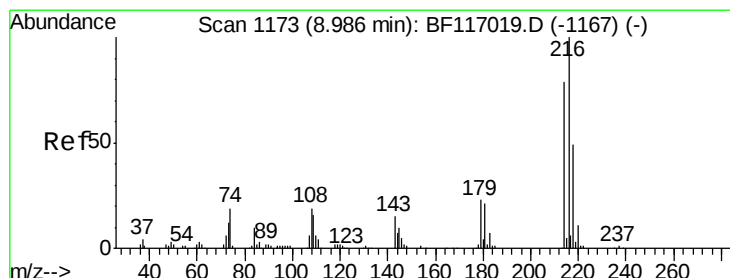
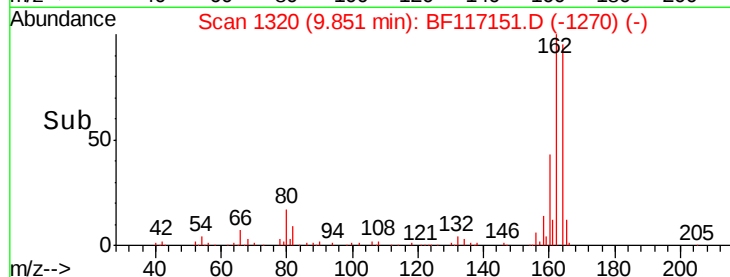
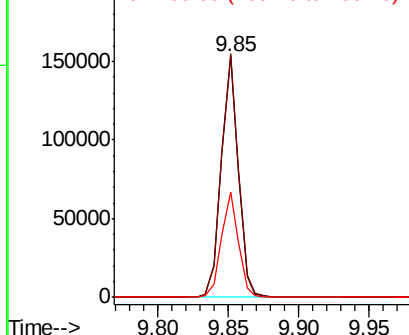


Abundance

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: 45.571 ng  
RT: 8.98 min Scan# 1172  
Delta R.T. -0.01 min  
Lab File: BF117151.D  
Acq: 18 Sep 2019 18:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 216     | 100   |       |       |
| 214     | 78.3  | 63.6  | 95.4  |
| 179     | 23.3  | 18.3  | 27.5  |
| 108     | 24.1  | 17.8  | 26.6  |

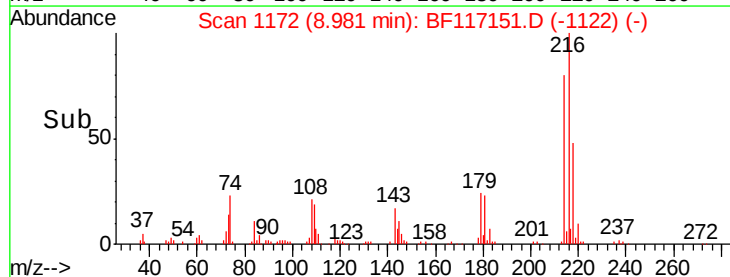
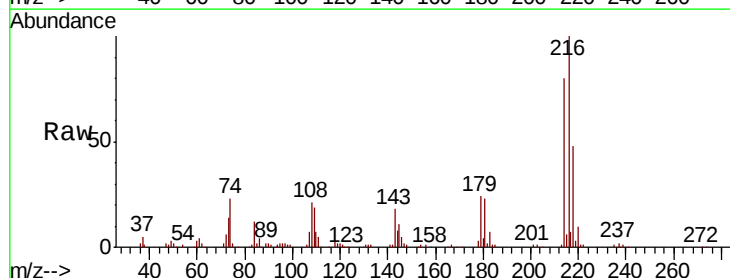
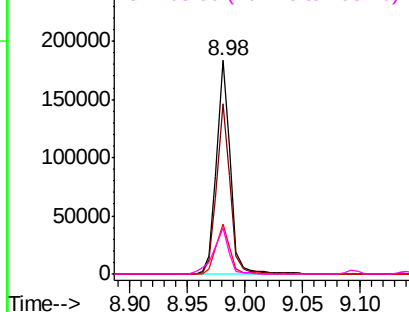
Abundance

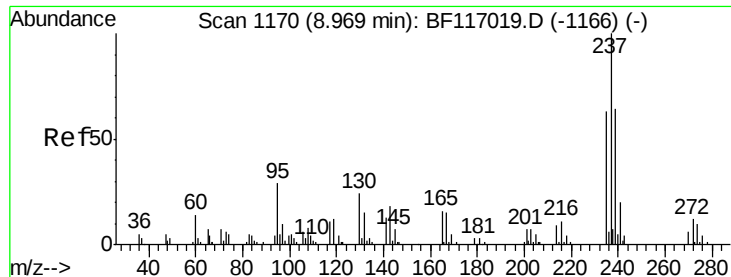
Ion 216.00 (215.70 to 216.70): E

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: 80.536 ng

RT: 8.97 min Scan# 1170

Delta R.T. 0.00 min

Lab File: BF117151.D

Acq: 18 Sep 2019 18:14

Instrument :

BNA\_F

ClientSampleId :

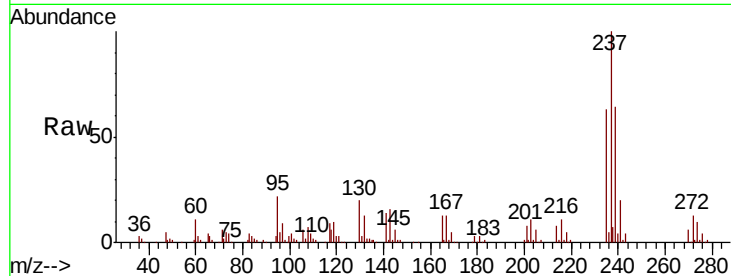
Tot Ion:237 Resp: 119062

Ion Ratio Lower Upper

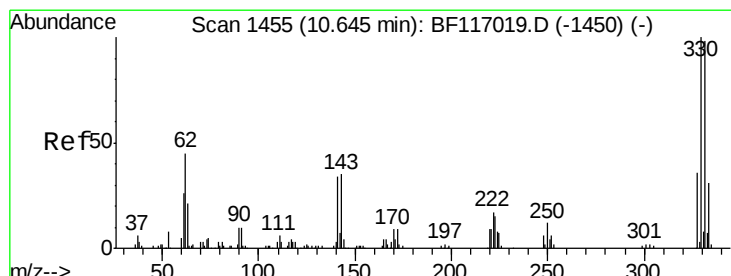
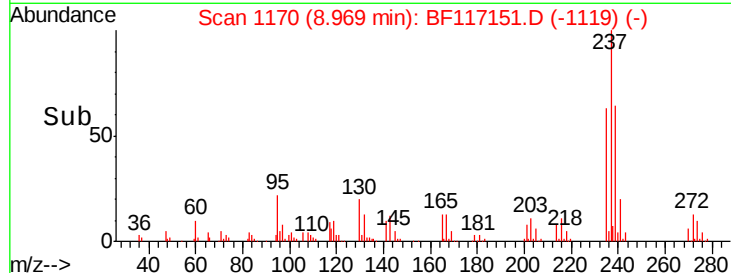
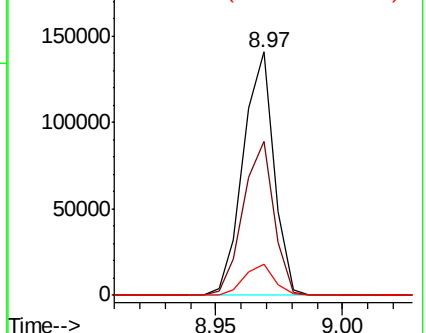
237 100

235 63.4 43.2 83.2

272 12.7 0.0 31.9



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: 140.606 ng

RT: 10.65 min Scan# 1455

Delta R.T. 0.00 min

Lab File: BF117151.D

Acq: 18 Sep 2019 18:14

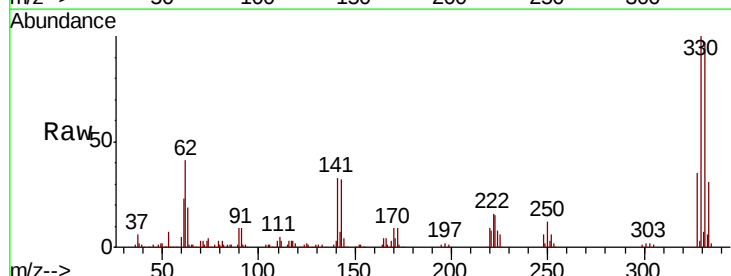
Tgt Ion:330 Resp: 152093

Ion Ratio Lower Upper

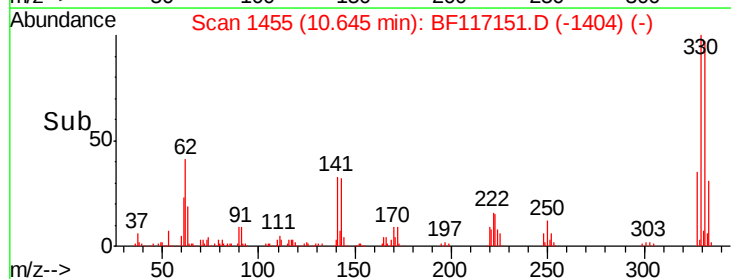
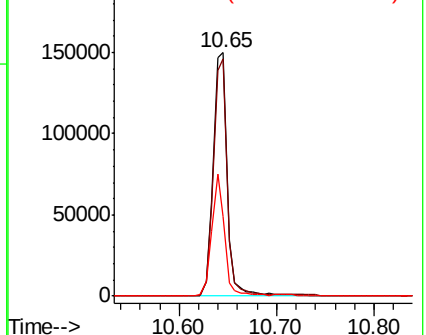
330 100

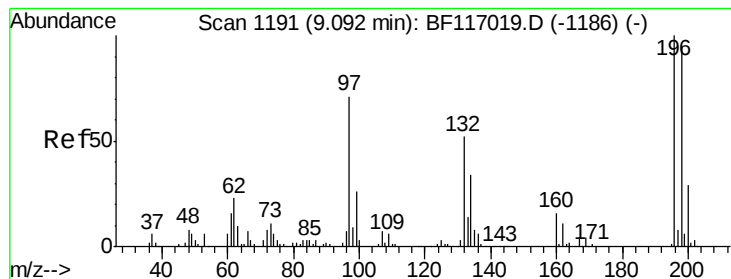
332 95.4 78.0 117.0

141 44.5 35.8 53.6



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

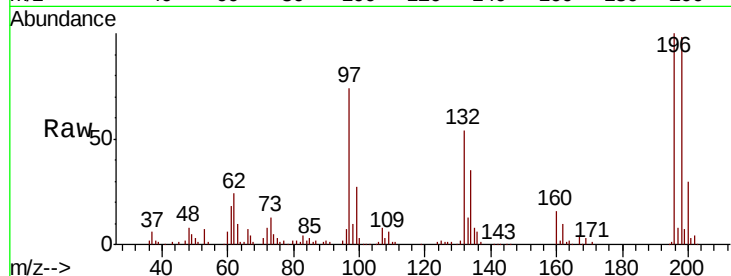




#43  
 2,4,6-Trichlorophenol  
 Concen: 46.078 ng  
 RT: 9.09 min Scan# 1191  
 Delta R.T. 0.00 min  
 Lab File: BF117151.D  
 Acq: 18 Sep 2019 18:14

Instrument :  
 BNA\_F  
 ClientSampled :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 97.6  | 75.7  | 113.5 |
| 200     | 30.5  | 23.3  | 34.9  |

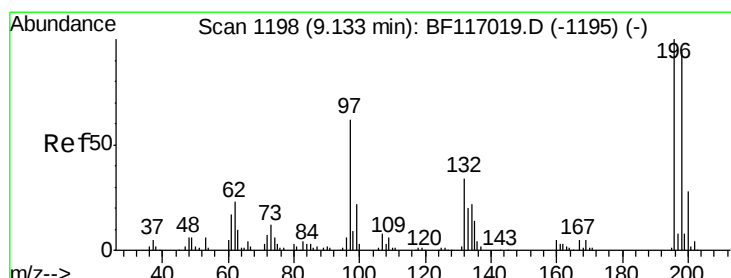
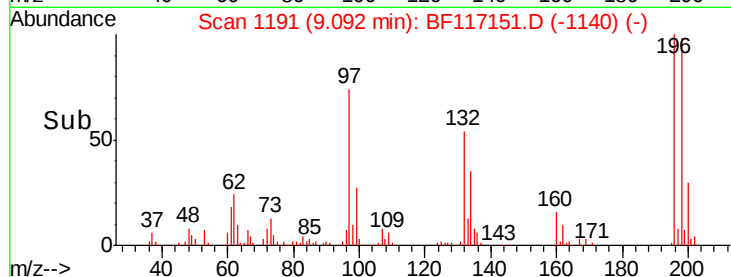
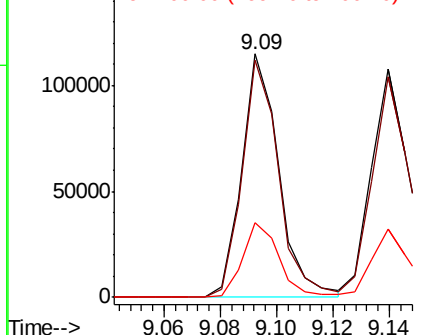


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44  
 2,4,5-Trichlorophenol  
 Concen: 47.506 ng  
 RT: 9.14 min Scan# 1199  
 Delta R.T. 0.01 min  
 Lab File: BF117151.D  
 Acq: 18 Sep 2019 18:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 96.8  | 74.6  | 112.0 |
| 97      | 60.1  | 49.5  | 74.3  |
| 132     | 33.2  | 27.4  | 41.2  |

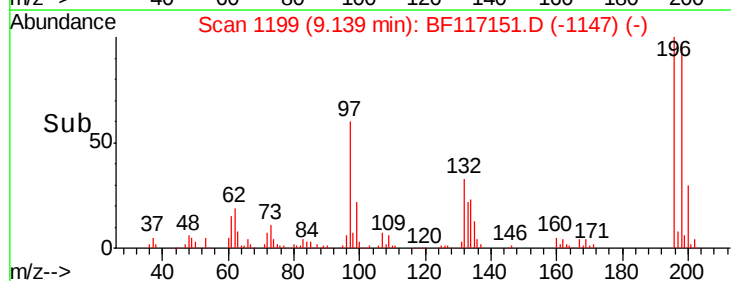
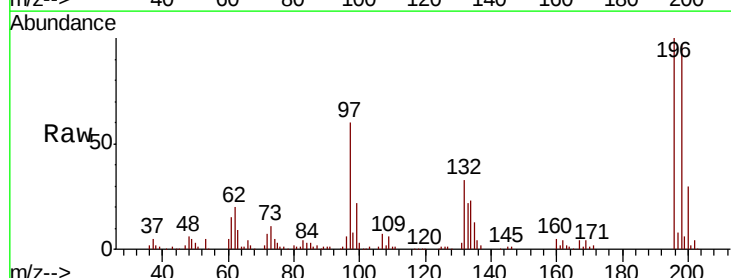
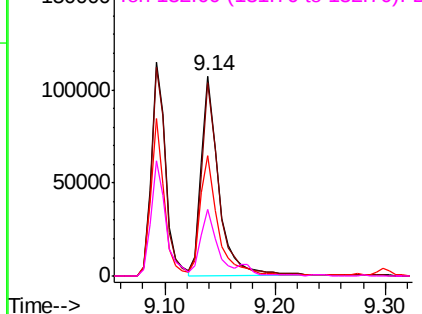
Abundance

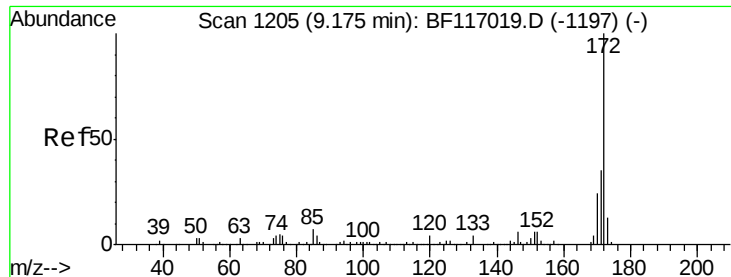
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E

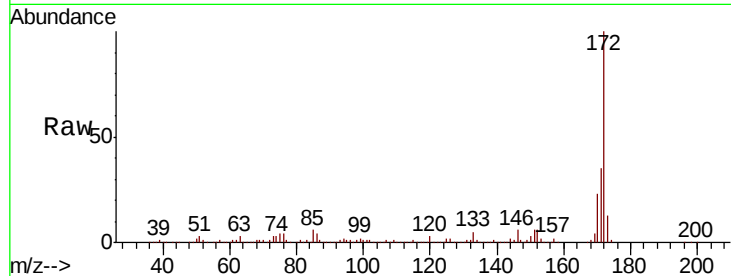




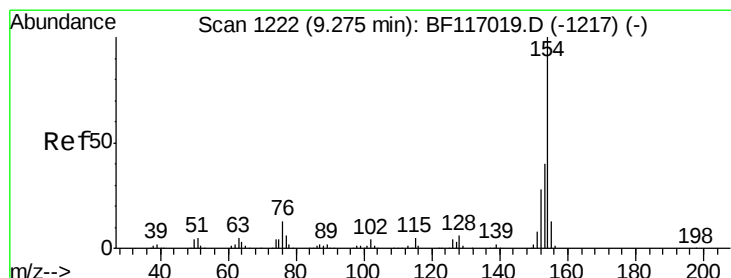
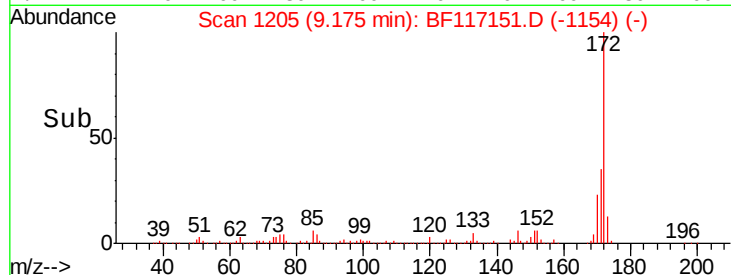
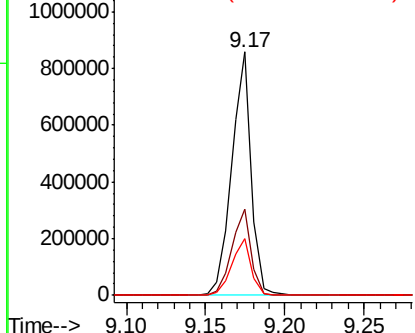
#45  
2-Fluorobiphenyl  
Concen: 88.005 ng  
RT: 9.17 min Scan# 1205  
Delta R.T. 0.00 min  
Lab File: BF117151.D  
Acq: 18 Sep 2019 18:14

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:172 Resp: 728462  
Ion Ratio Lower Upper  
172 100  
171 35.3 28.2 42.2  
170 23.2 18.9 28.3

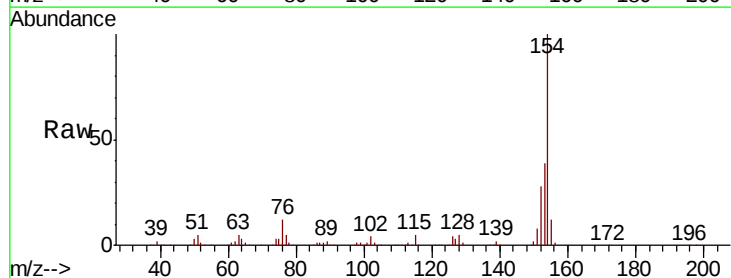


Abundance Ion 172.00 (171.70 to 172.70): E  
Ion 171.00 (170.70 to 171.70): E  
Ion 170.00 (169.70 to 170.70): E

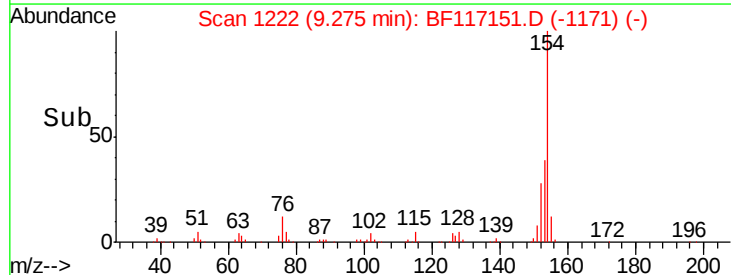
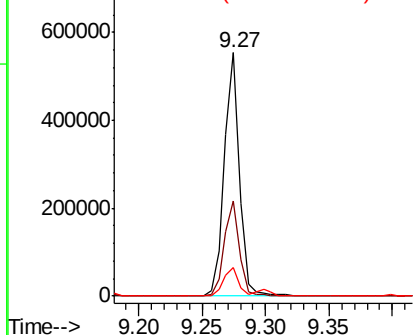


#46  
1,1'-Biphenyl  
Concen: 45.497 ng  
RT: 9.27 min Scan# 1222  
Delta R.T. 0.00 min  
Lab File: BF117151.D  
Acq: 18 Sep 2019 18:14

Tgt Ion:154 Resp: 461889  
Ion Ratio Lower Upper  
154 100  
153 39.2 20.0 60.0  
76 11.5 0.0 32.7



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

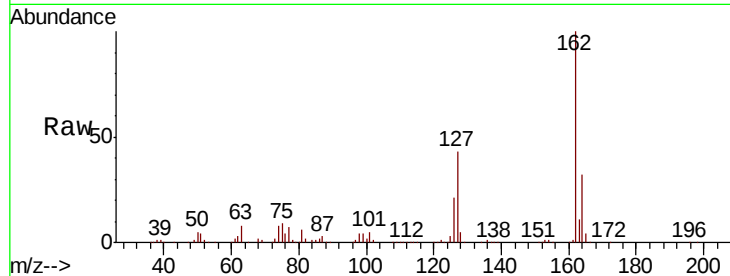




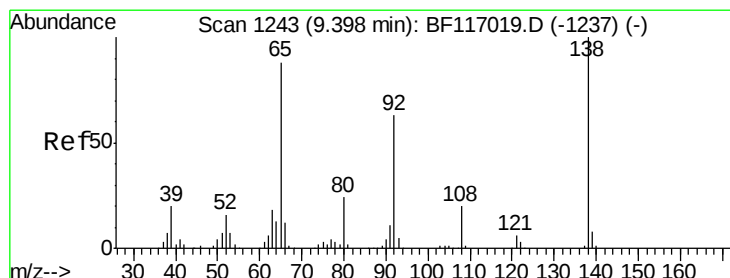
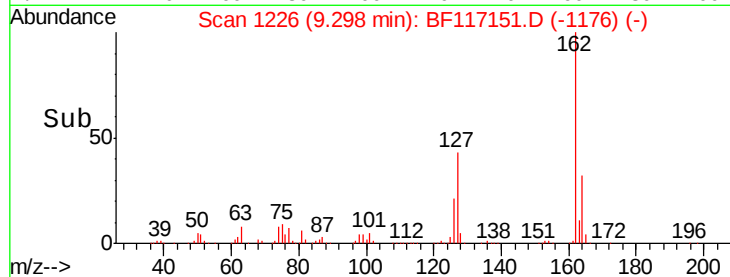
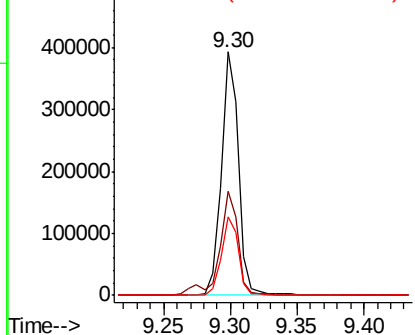
#47  
2-Chloronaphthalene  
Concen: 44.689 ng  
RT: 9.30 min Scan# 1226  
Delta R.T. -0.01 min  
Lab File: BF117151.D  
Acq: 18 Sep 2019 18:14

Instrument :  
BNA\_F  
ClientSampled :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 42.5  | 34.1  | 51.1  |
| 164     | 32.3  | 25.9  | 38.9  |

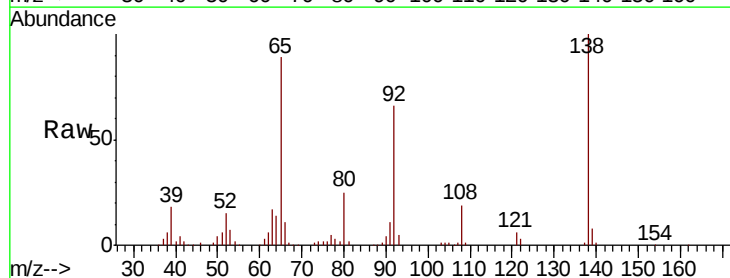


Abundance Ion 162.00 (161.70 to 162.70): E  
Ion 127.00 (126.70 to 127.70): E  
Ion 164.00 (163.70 to 164.70): E

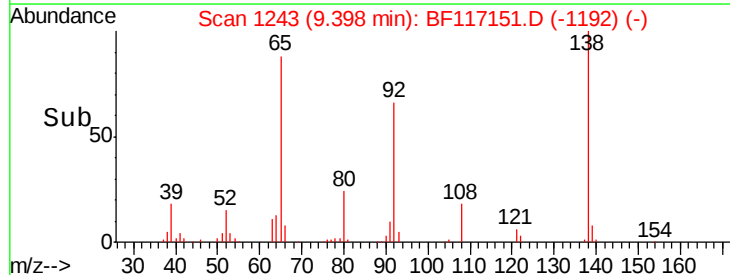
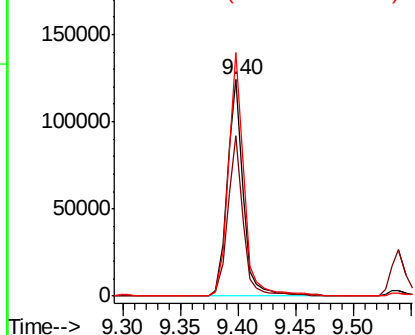


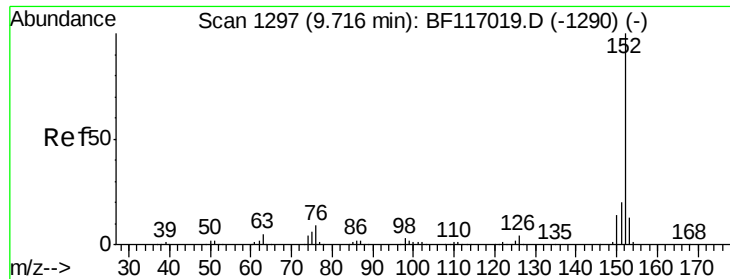
#48  
2-Nitroaniline  
Concen: 46.446 ng  
RT: 9.40 min Scan# 1243  
Delta R.T. 0.00 min  
Lab File: BF117151.D  
Acq: 18 Sep 2019 18:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 74.1  | 57.5  | 86.3  |
| 138     | 112.4 | 90.6  | 136.0 |



Abundance Ion 65.00 (64.70 to 65.70): BF1  
Ion 92.00 (91.70 to 92.70): BF1  
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 47.553 ng

RT: 9.72 min Scan# 1297

Delta R.T. 0.00 min

Lab File: BF117151.D

Acq: 18 Sep 2019 18:14

Instrument :

BNA\_F

ClientSampleId :

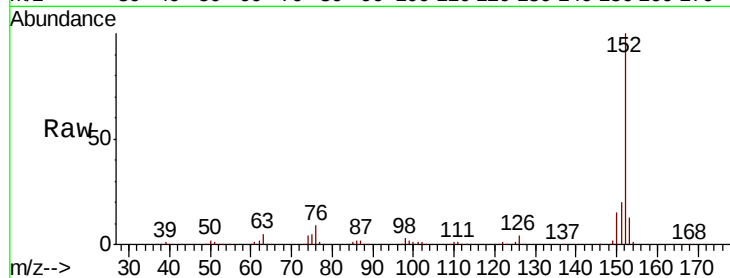
Tot Ion:152 Resp: 570761

Ion Ratio Lower Upper

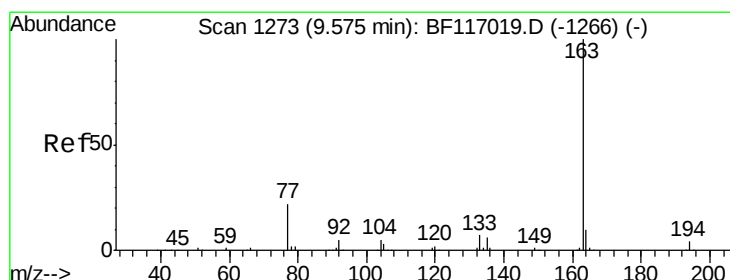
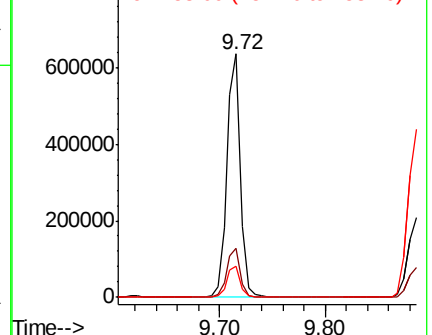
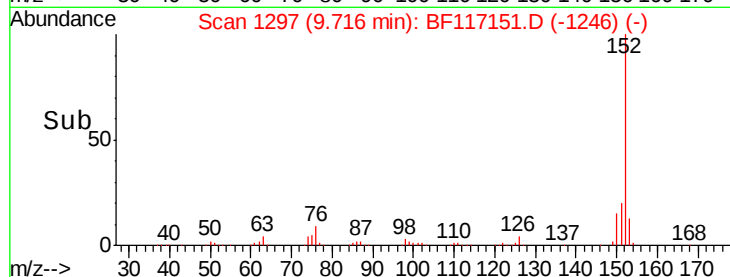
152 100

151 20.3 16.2 24.2

153 12.8 10.2 15.4



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: 50.342 ng

RT: 9.57 min Scan# 1273

Delta R.T. 0.00 min

Lab File: BF117151.D

Acq: 18 Sep 2019 18:14

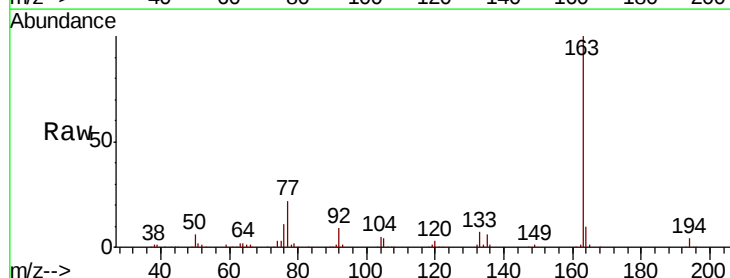
Tgt Ion:163 Resp: 461331

Ion Ratio Lower Upper

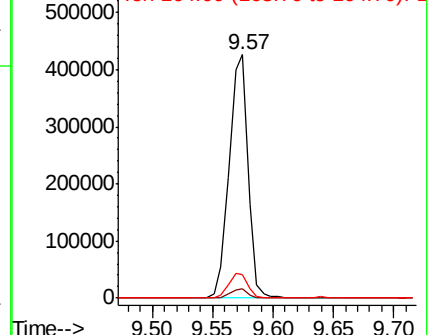
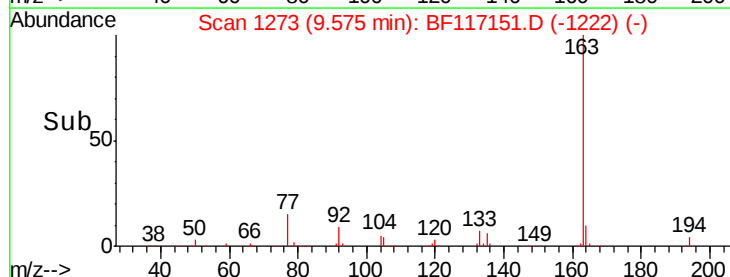
163 100

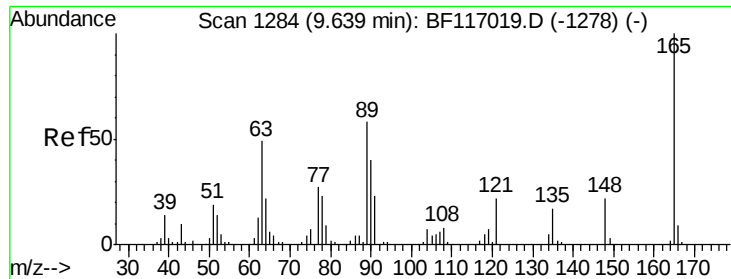
194 3.6 2.9 4.3

164 9.6 8.2 12.4



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

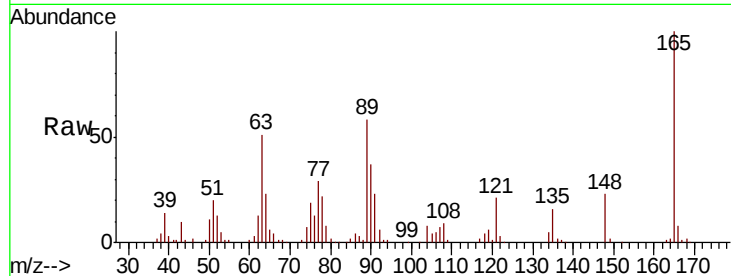




#51  
 2,6-Dinitrotoluene  
 Concen: 50.518 ng  
 RT: 9.64 min Scan# 1284  
 Delta R.T. 0.00 min  
 Lab File: BF117151.D  
 Acq: 18 Sep 2019 18:14

Instrument :  
 BNA\_F  
 ClientSampled :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 50.8  | 41.8  | 62.8  |
| 89      | 57.7  | 46.5  | 69.7  |

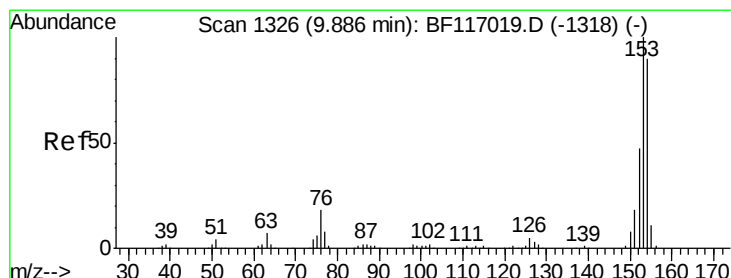
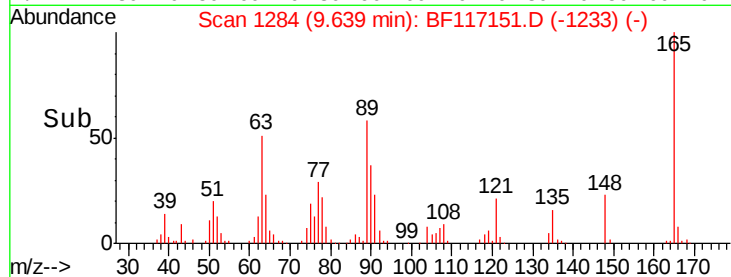
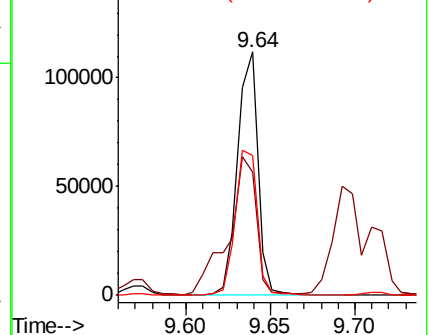


Abundance

Ion 165.00 (164.70 to 165.70): E

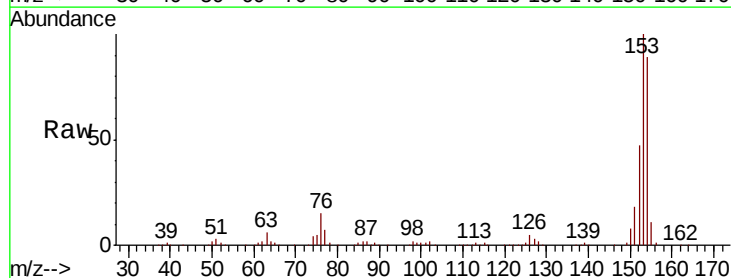
Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52  
 Acenaphthene  
 Concen: 46.465 ng  
 RT: 9.89 min Scan# 1326  
 Delta R.T. 0.00 min  
 Lab File: BF117151.D  
 Acq: 18 Sep 2019 18:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 111.9 | 89.0  | 133.6 |
| 152     | 52.8  | 41.9  | 62.9  |

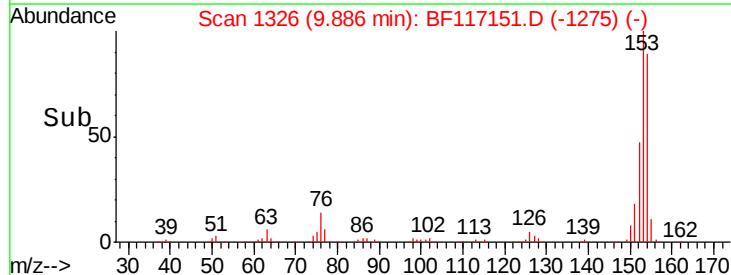
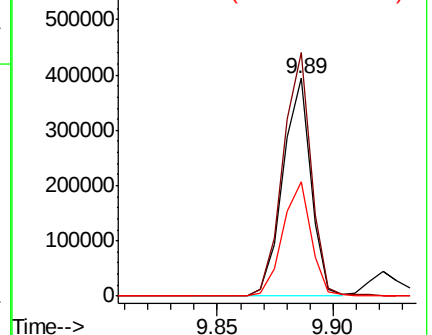


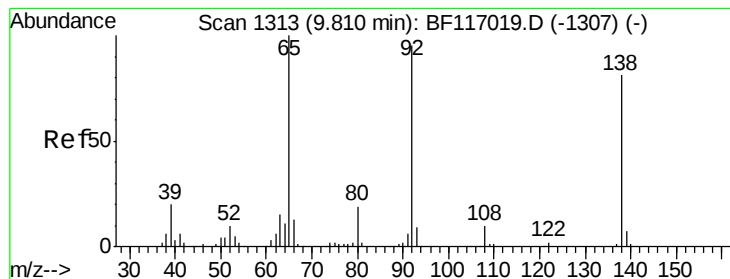
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 26.573 ng

RT: 9.81 min Scan# 1313

Delta R.T. 0.00 min

Lab File: BF117151.D

Acq: 18 Sep 2019 18:14

Instrument :

BNA\_F

ClientSampleId :

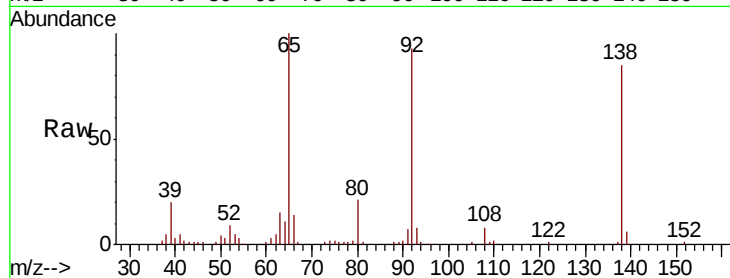
Tot Ion:138 Resp: 62575

Ion Ratio Lower Upper

138 100

108 9.9 9.5 14.3

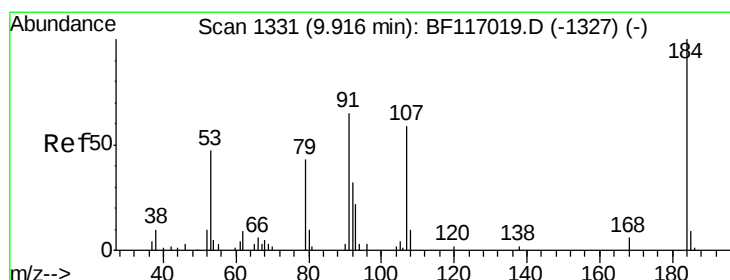
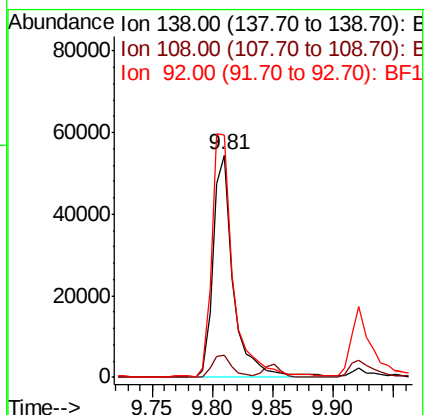
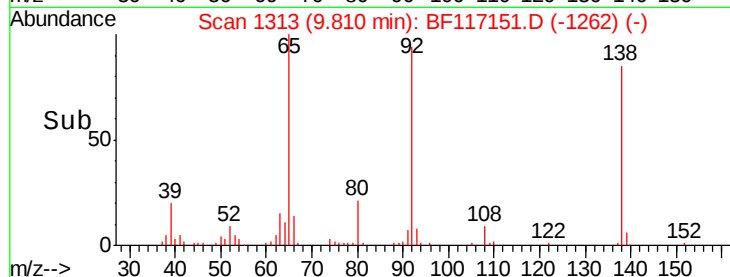
92 109.2 94.1 141.1



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: 88.099 ng

RT: 9.92 min Scan# 1332

Delta R.T. 0.01 min

Lab File: BF117151.D

Acq: 18 Sep 2019 18:14

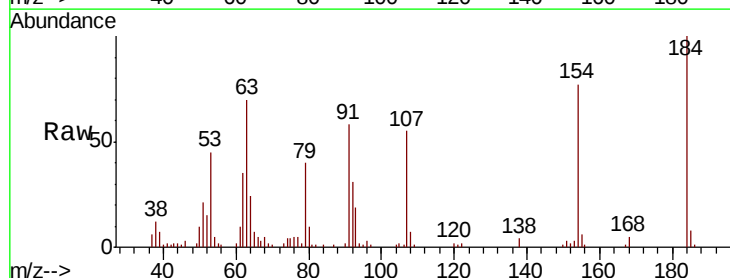
Tgt Ion:184 Resp: 71843

Ion Ratio Lower Upper

184 100

63 69.9 63.8 95.6

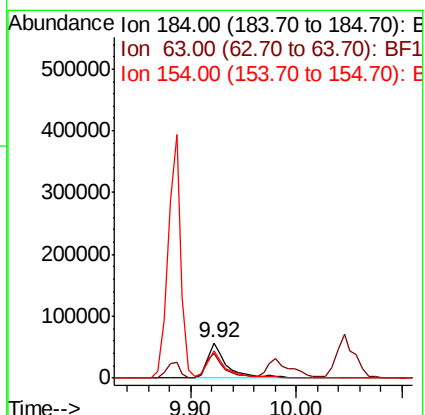
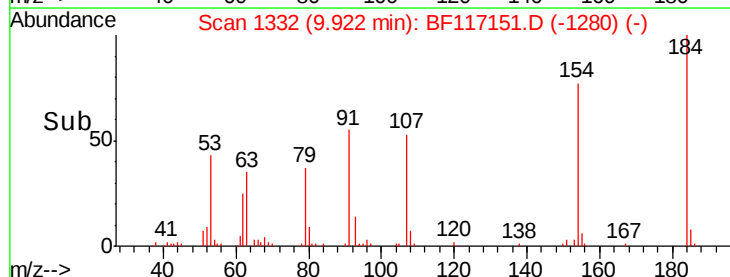
154 77.2 60.4 90.6

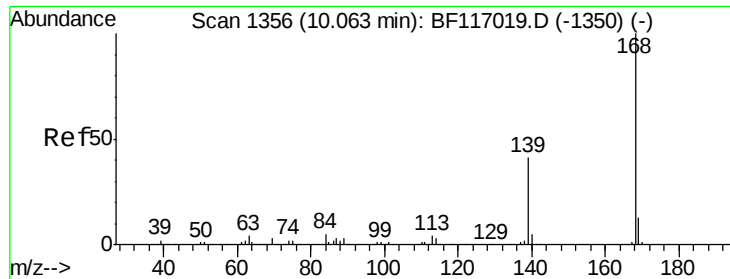


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

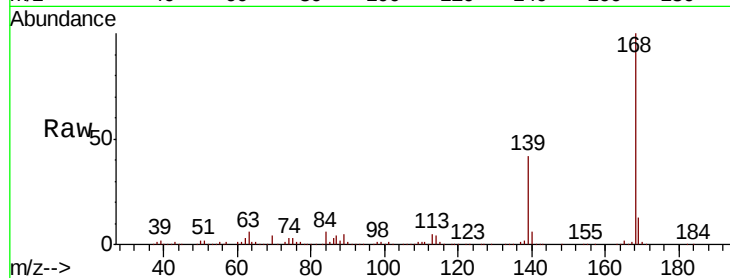




#55  
Dibenzenofuran  
Concen: 47.775 ng  
RT: 10.06 min Scan# 1355  
Delta R.T. -0.01 min  
Lab File: BF117151.D  
Acq: 18 Sep 2019 18:14

Instrument :  
BNA\_F  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 42.5  | 32.8  | 49.2  |
| 169     | 13.5  | 10.5  | 15.7  |

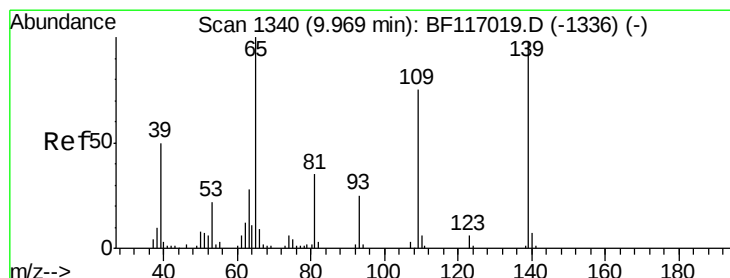
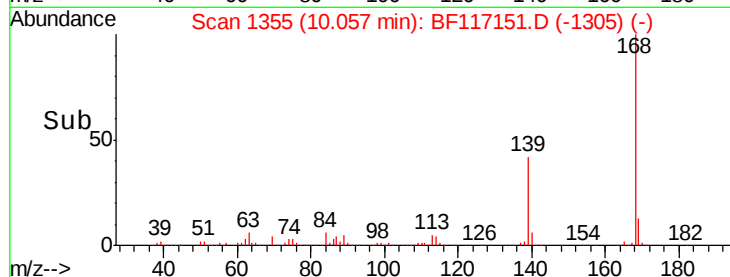
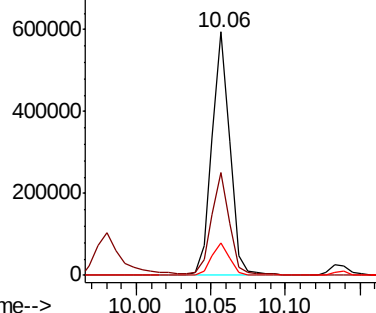


Abundance

Ion 168.00 (167.70 to 168.70): E

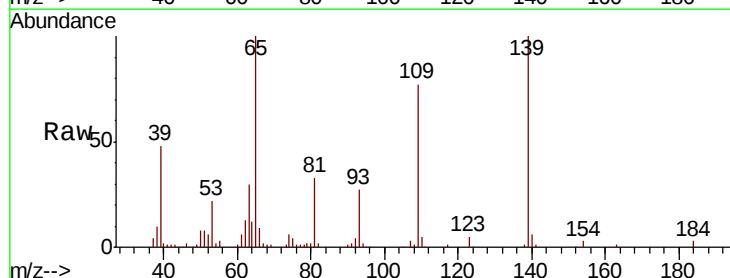
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56  
4-Nitrophenol  
Concen: 82.425 ng  
RT: 9.98 min Scan# 1342  
Delta R.T. 0.01 min  
Lab File: BF117151.D  
Acq: 18 Sep 2019 18:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 139     | 100   |       |       |
| 109     | 76.9  | 56.4  | 96.4  |
| 65      | 100.4 | 82.5  | 122.5 |

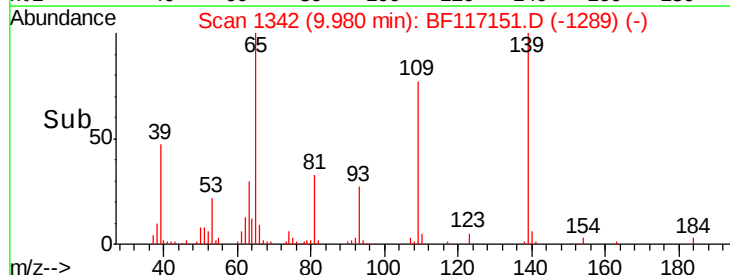
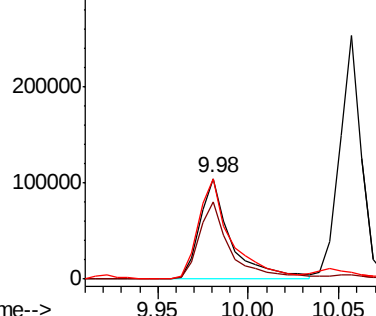


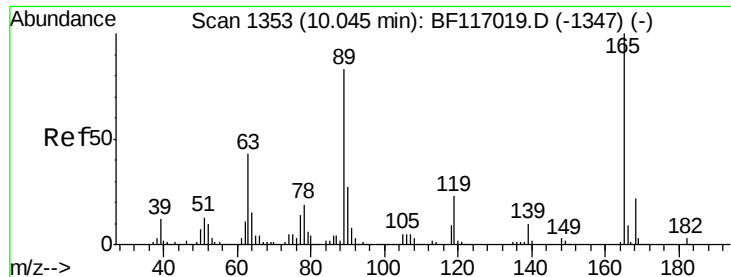
Abundance

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

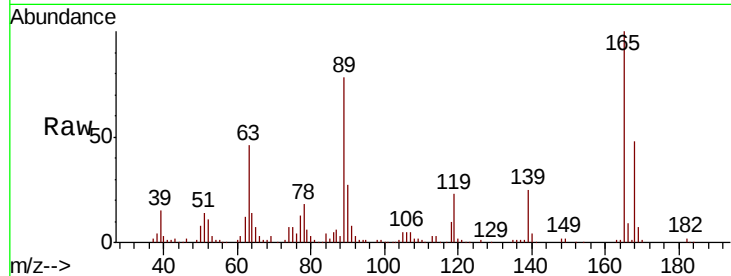




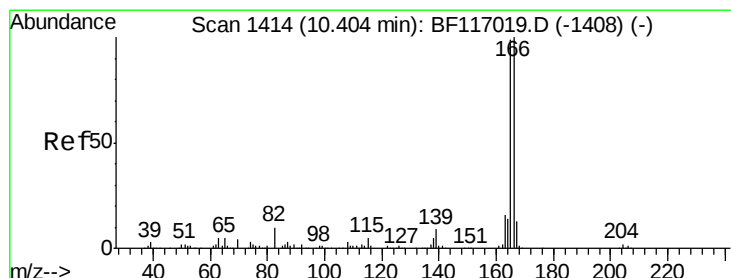
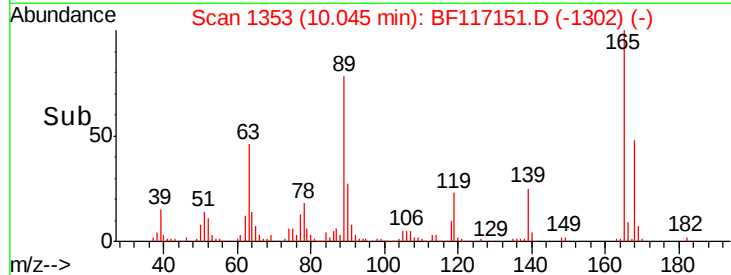
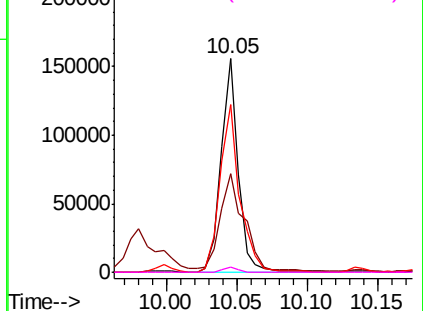
#57  
2,4-Dinitrotoluene  
Concen: 54.453 ng  
RT: 10.05 min Scan# 1353  
Delta R.T. 0.00 min  
Lab File: BF117151.D  
Acq: 18 Sep 2019 18:14

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:165 Resp: 131922  
Ion Ratio Lower Upper  
165 100  
63 46.2 35.0 52.4  
89 78.3 66.1 99.1  
182 2.2 2.0 3.0

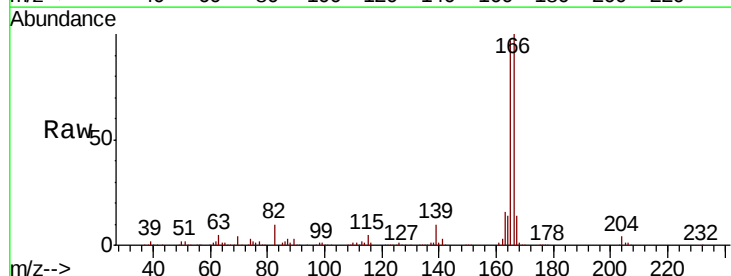


Abundance Ion 165.00 (164.70 to 165.70): E  
Ion 63.00 (62.70 to 63.70): BF1  
Ion 89.00 (88.70 to 89.70): BF1  
Ion 182.00 (181.70 to 182.70): E

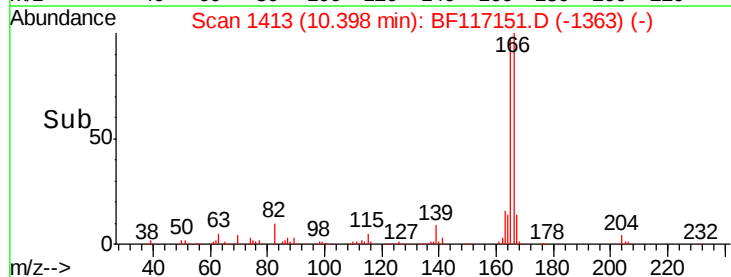
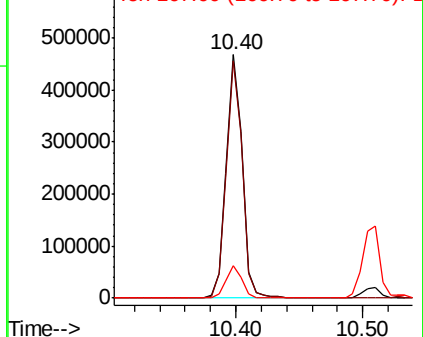


#58  
Fluorene  
Concen: 48.435 ng  
RT: 10.40 min Scan# 1413  
Delta R.T. -0.01 min  
Lab File: BF117151.D  
Acq: 18 Sep 2019 18:14

Tgt Ion:166 Resp: 409579  
Ion Ratio Lower Upper  
166 100  
165 97.3 78.9 118.3  
167 13.5 10.6 15.8



Abundance Ion 166.00 (165.70 to 166.70): E  
Ion 165.00 (164.70 to 165.70): E  
Ion 167.00 (166.70 to 167.70): E

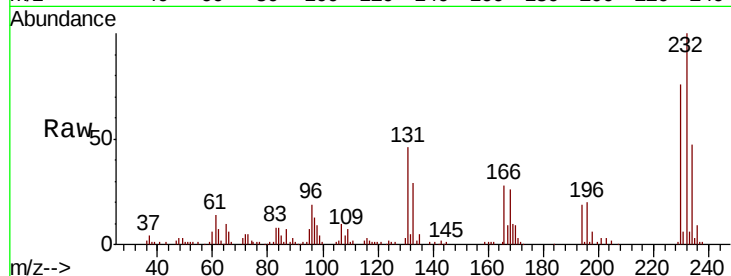




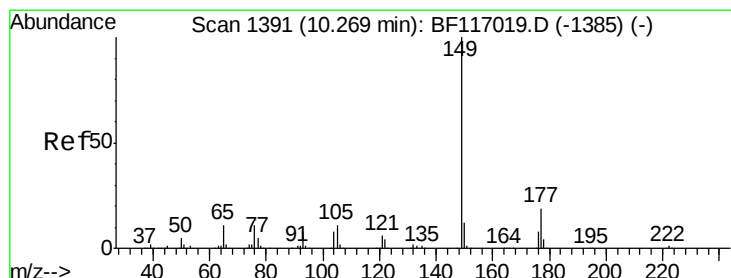
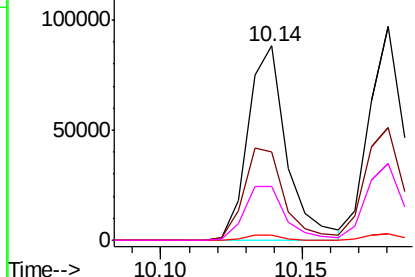
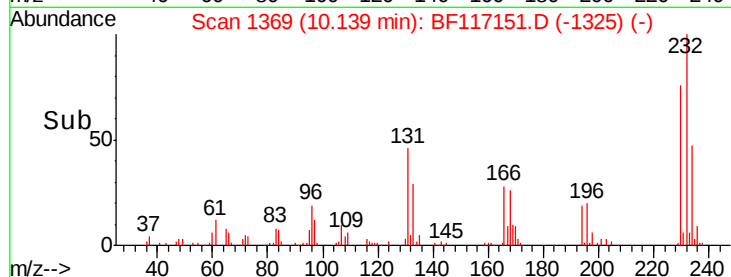
#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 45.310 ng  
 RT: 10.14 min Scan# 1369  
 Delta R.T. -0.04 min  
 Lab File: BF117151.D  
 Acq: 18 Sep 2019 18:14

Instrument :  
 BNA\_F  
 ClientSampled :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 232     | 100   |       |       |
| 131     | 50.5  | 45.3  | 67.9  |
| 130     | 2.5   | 1.8   | 2.8   |
| 166     | 30.0  | 29.4  | 44.2  |

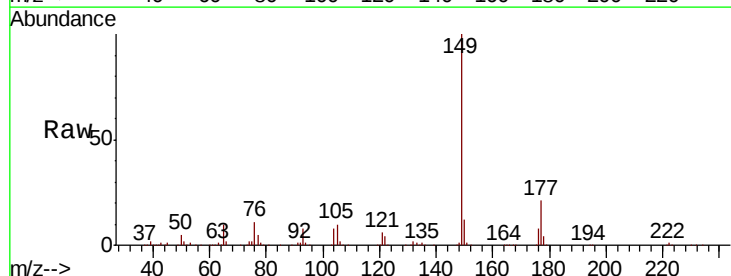


Abundance Ion 232.00 (231.70 to 232.70): E  
 Ion 131.00 (130.70 to 131.70): E  
 Ion 130.00 (129.70 to 130.70): E  
 Ion 166.00 (165.70 to 166.70): E

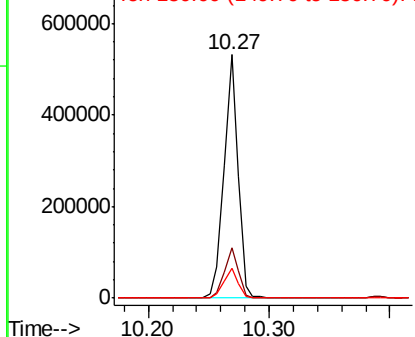
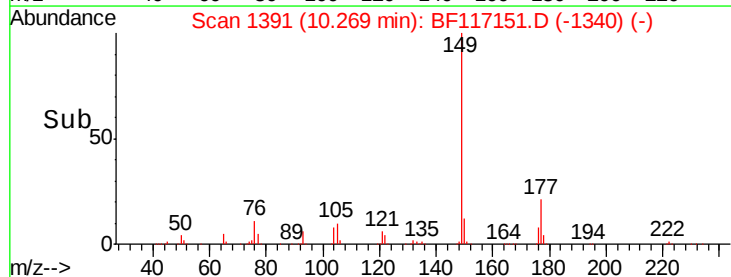


#60  
 Diethylphthalate  
 Concen: 47.242 ng  
 RT: 10.27 min Scan# 1391  
 Delta R.T. 0.00 min  
 Lab File: BF117151.D  
 Acq: 18 Sep 2019 18:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 20.6  | 15.2  | 22.8  |
| 150     | 12.3  | 9.9   | 14.9  |



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

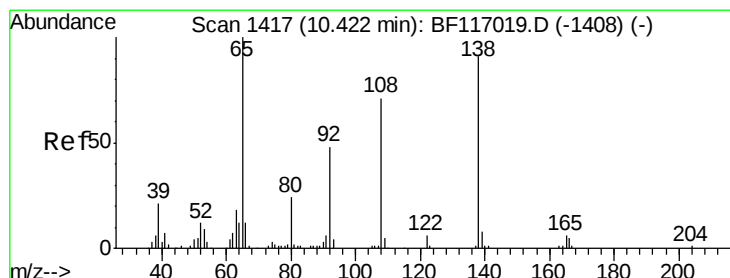
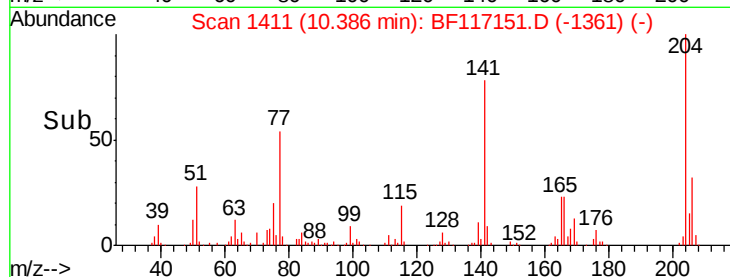
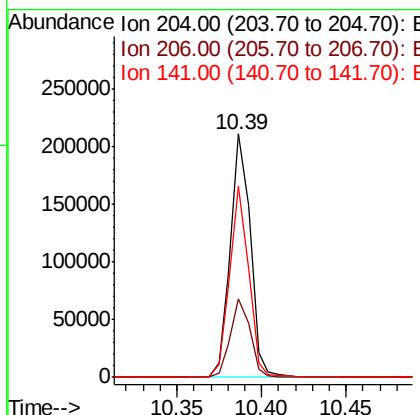
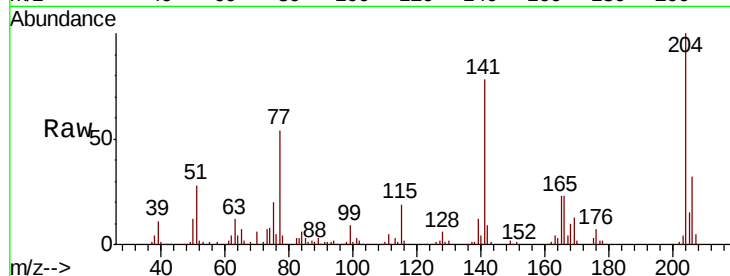




#61  
4-Chlorophenyl-phenylether  
Concen: 47.440 ng  
RT: 10.39 min Scan# 1411  
Delta R.T. -0.01 min  
Lab File: BF117151.D  
Acq: 18 Sep 2019 18:14

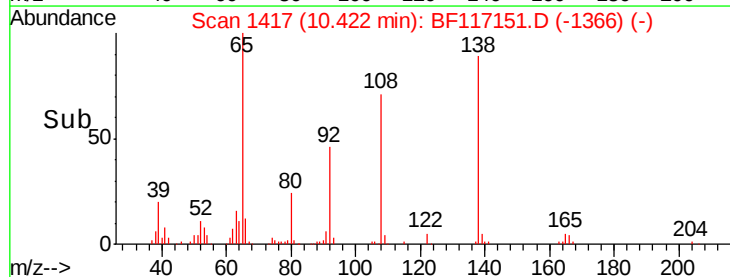
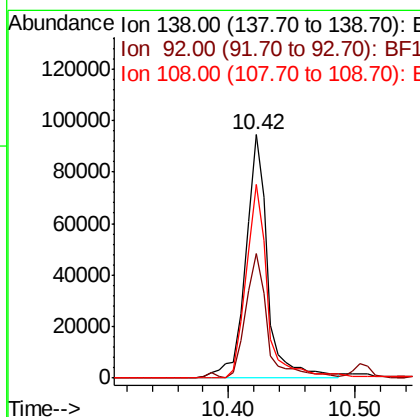
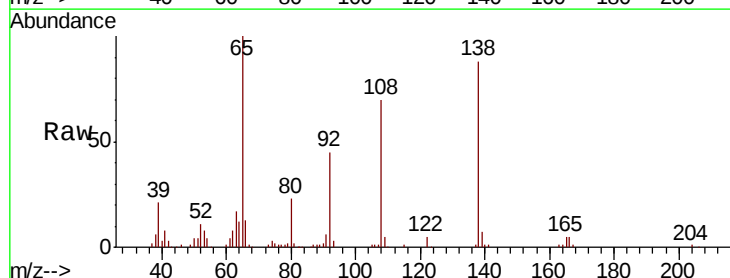
Instrument :  
BNA\_F  
ClientSampled :

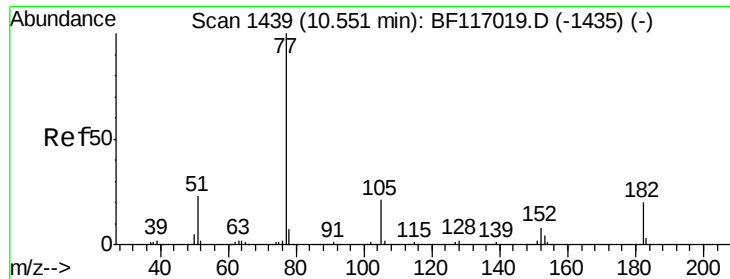
Tot Ion:204 Resp: 173570  
Ion Ratio Lower Upper  
204 100  
206 32.4 26.0 39.0  
141 78.3 58.2 87.2



#62  
4-Nitroaniline  
Concen: 46.598 ng  
RT: 10.42 min Scan# 1417  
Delta R.T. 0.00 min  
Lab File: BF117151.D  
Acq: 18 Sep 2019 18:14

Tgt Ion:138 Resp: 114115  
Ion Ratio Lower Upper  
138 100  
92 51.3 32.9 72.9  
108 79.7 58.3 98.3





#63

Azobenzene

Concen: 47.221 ng

RT: 10.55 min Scan# 1438

Delta R.T. -0.01 min

Lab File: BF117151.D

Acq: 18 Sep 2019 18:14

Instrument :

BNA\_F

ClientSampleId :

Tot Ion: 77 Resp: 434813

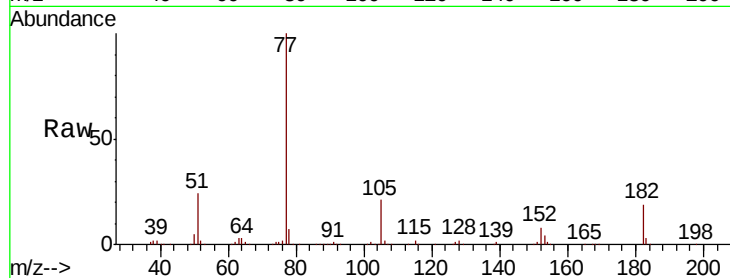
Ion Ratio Lower Upper

77 100

182 19.4 0.4 40.4

105 21.2 0.9 40.9

51 24.2 2.8 42.8

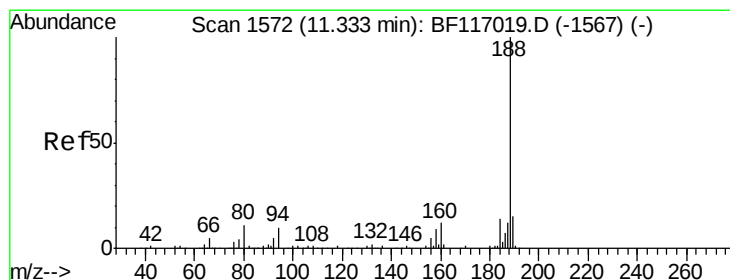
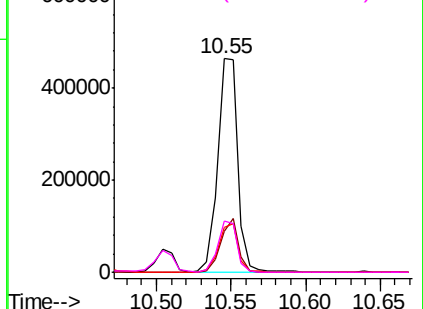
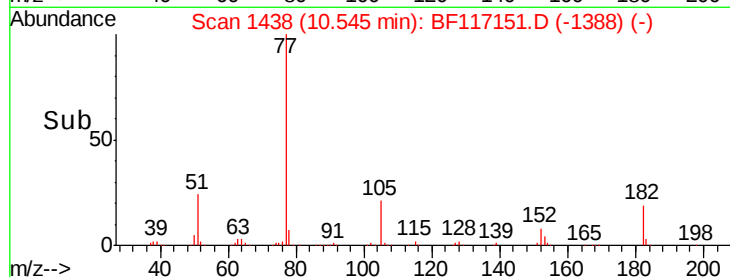


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.33 min Scan# 1572

Delta R.T. 0.00 min

Lab File: BF117151.D

Acq: 18 Sep 2019 18:14

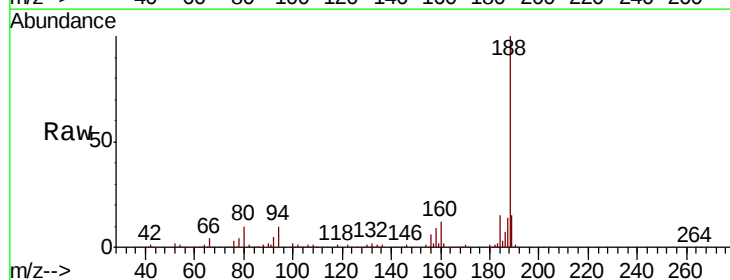
Tgt Ion: 188 Resp: 208101

Ion Ratio Lower Upper

188 100

94 9.6 8.2 12.2

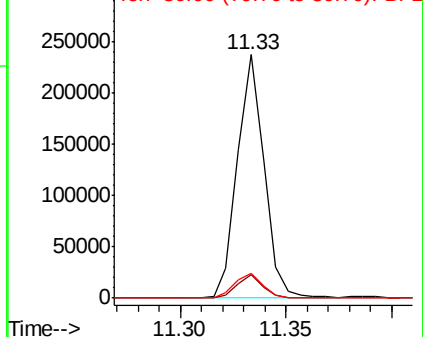
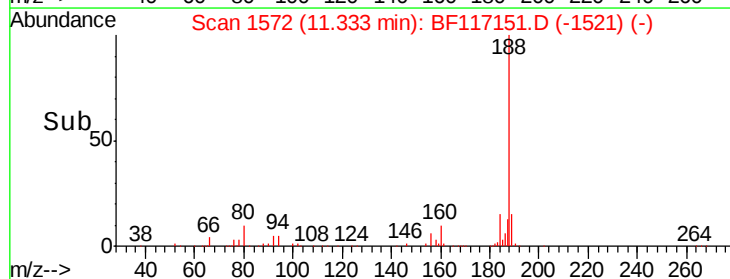
80 10.4 9.0 13.6



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

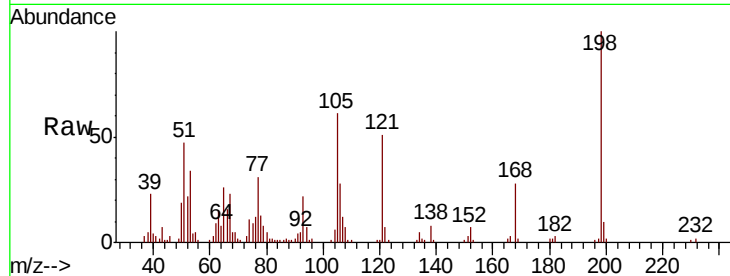




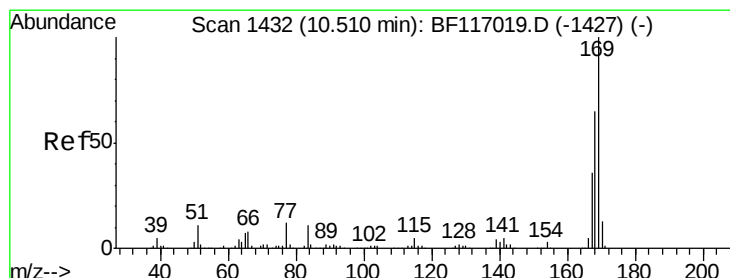
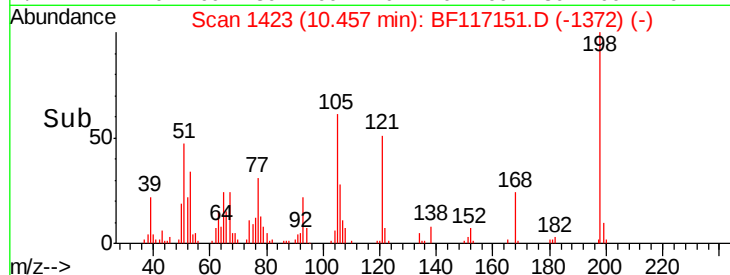
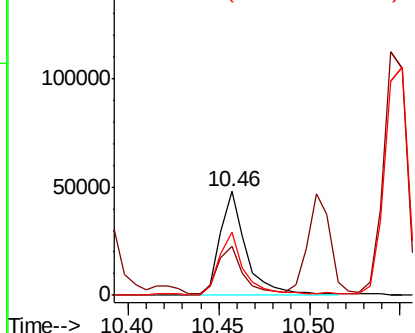
#65  
 4,6-Dinitro-2-methylphenol  
 Concen: 50.600 ng  
 RT: 10.46 min Scan# 1423  
 Delta R.T. 0.00 min  
 Lab File: BF117151.D  
 Acq: 18 Sep 2019 18:14

Instrument :  
 BNA\_F  
 ClientSampleId :

Tot Ion:198 Resp: 48393  
 Ion Ratio Lower Upper  
 198 100  
 51 47.4 18.7 58.7  
 105 60.7 30.2 70.2

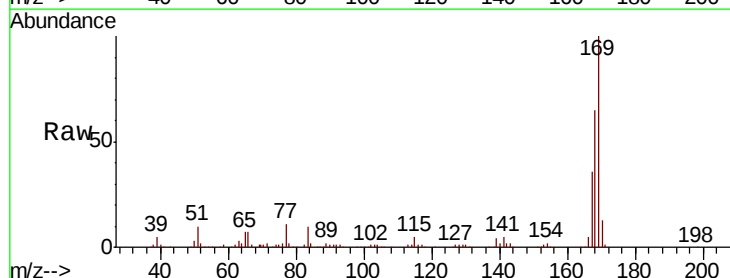


Abundance Ion 198.00 (197.70 to 198.70): E  
 150000 Ion 51.00 (50.70 to 51.70): BF1  
 Ion 105.00 (104.70 to 105.70): E

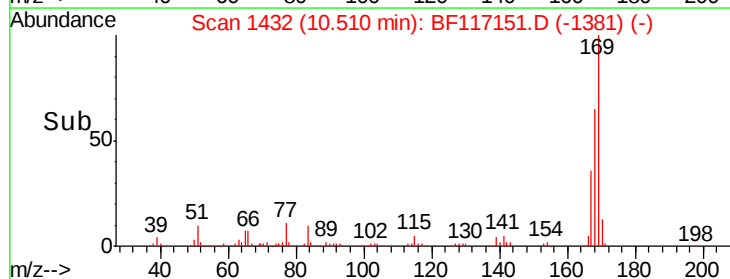
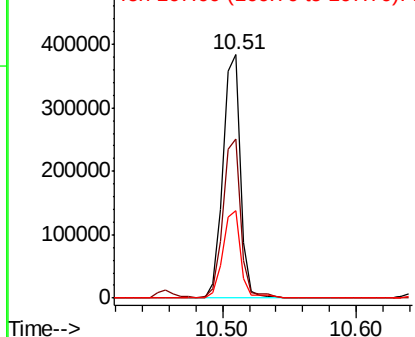


#66  
 n-Nitrosodiphenylamine  
 Concen: 50.049 ng  
 RT: 10.51 min Scan# 1432  
 Delta R.T. 0.00 min  
 Lab File: BF117151.D  
 Acq: 18 Sep 2019 18:14

Tgt Ion:169 Resp: 359700  
 Ion Ratio Lower Upper  
 169 100  
 168 65.4 52.2 78.2  
 167 35.9 28.8 43.2



Abundance Ion 169.00 (168.70 to 169.70): E  
 500000 Ion 168.00 (167.70 to 168.70): E  
 Ion 167.00 (166.70 to 167.70): E

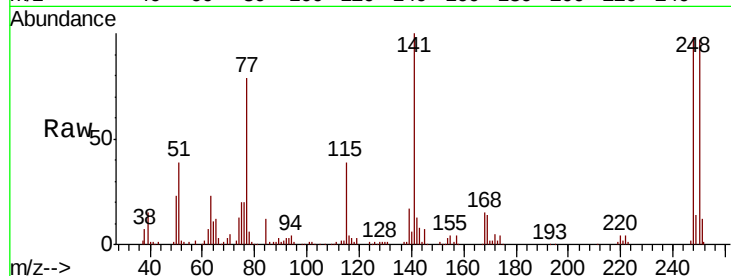




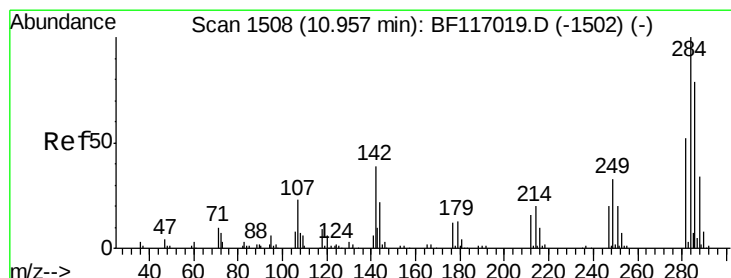
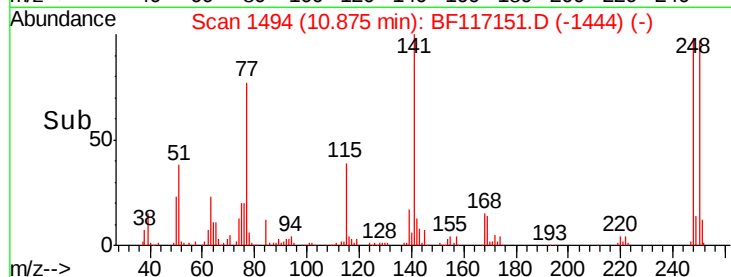
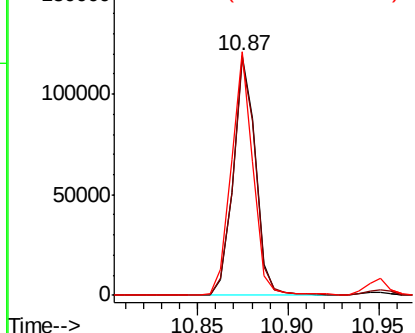
#67  
4-Bromophenyl-phenylether  
Concen: 47.892 ng  
RT: 10.87 min Scan# 1494  
Delta R.T. -0.01 min  
Lab File: BF117151.D  
Acq: 18 Sep 2019 18:14

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:248 Resp: 101781  
Ion Ratio Lower Upper  
248 100  
250 98.5 76.2 114.4  
141 101.7 75.0 112.4

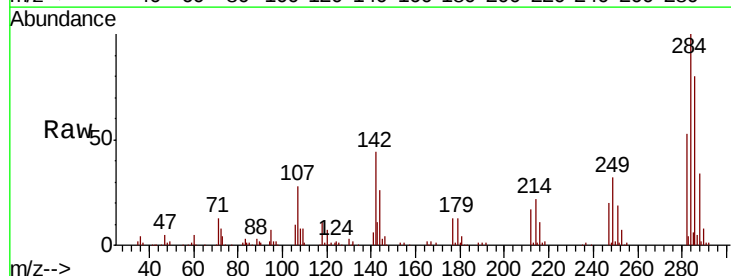


Abundance Ion 248.00 (247.70 to 248.70): E  
Ion 250.00 (249.70 to 250.70): E  
Ion 141.00 (140.70 to 141.70): E

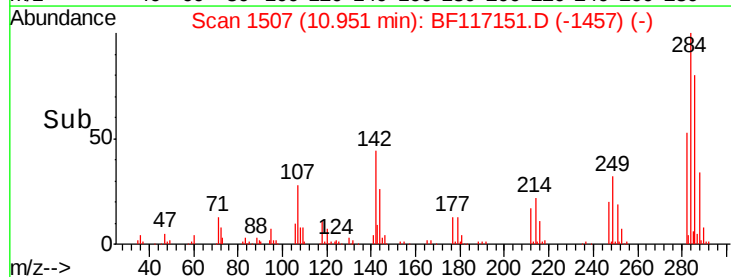
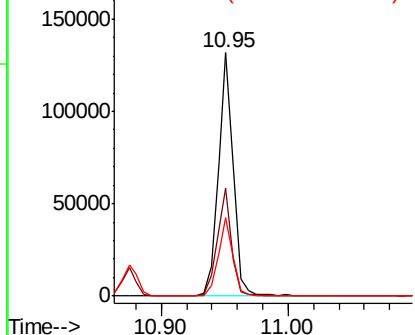


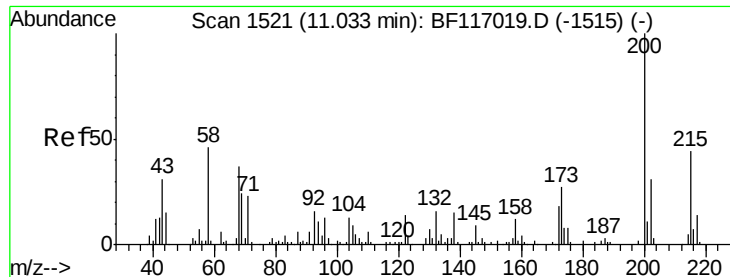
#68  
Hexachlorobenzene  
Concen: 47.027 ng  
RT: 10.95 min Scan# 1507  
Delta R.T. -0.01 min  
Lab File: BF117151.D  
Acq: 18 Sep 2019 18:14

Tgt Ion:284 Resp: 109314  
Ion Ratio Lower Upper  
284 100  
142 44.2 31.4 47.2  
249 32.0 26.5 39.7



Abundance Ion 283.80 (283.50 to 284.50): E  
Ion 142.00 (141.70 to 142.70): E  
Ion 249.00 (248.70 to 249.70): E

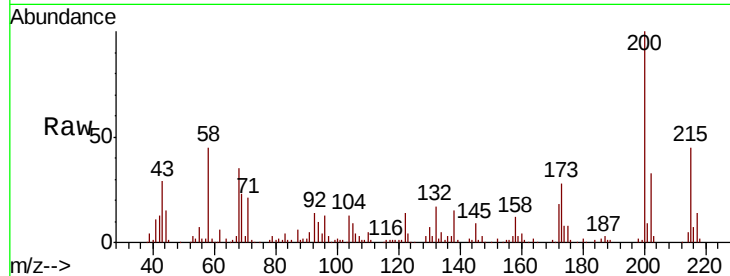




#69  
Atrazine  
Concen: 62.933 ng  
RT: 11.03 min Scan# 1521  
Delta R.T. 0.00 min  
Lab File: BF117151.D  
Acq: 18 Sep 2019 18:14

Instrument :  
BNA\_F  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 27.8  | 6.9   | 46.9  |
| 215     | 44.7  | 23.8  | 63.8  |

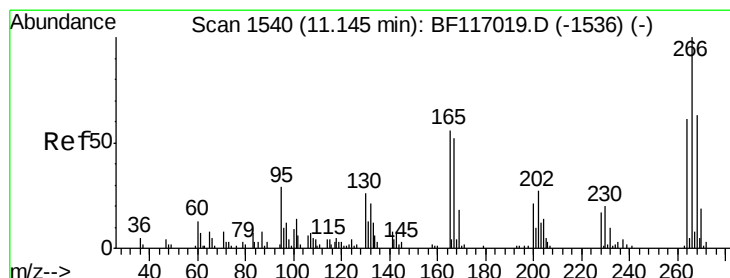
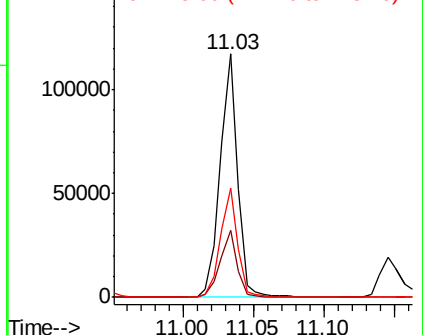
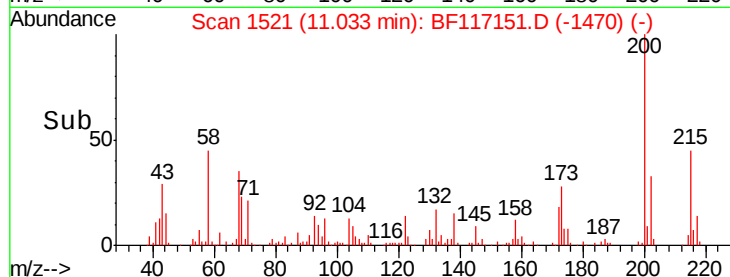


Abundance

Ion 200.00 (199.70 to 200.70): E

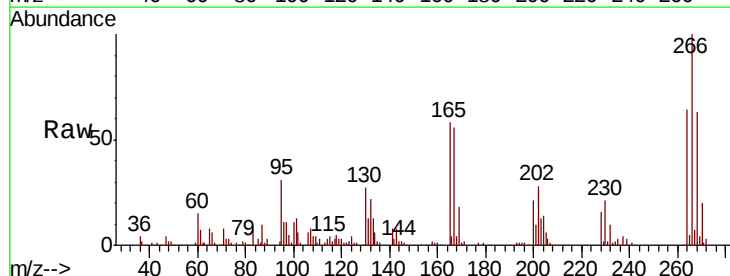
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70  
Pentachlorophenol  
Concen: 104.234 ng  
RT: 11.15 min Scan# 1540  
Delta R.T. 0.00 min  
Lab File: BF117151.D  
Acq: 18 Sep 2019 18:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 62.8  | 50.5  | 75.7  |
| 264     | 63.9  | 48.8  | 73.2  |

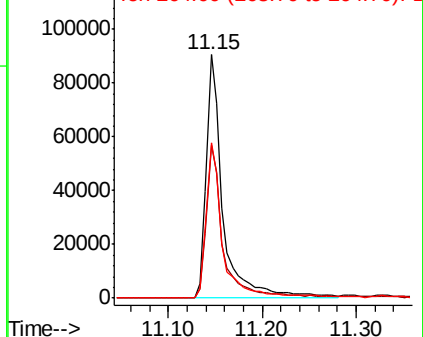
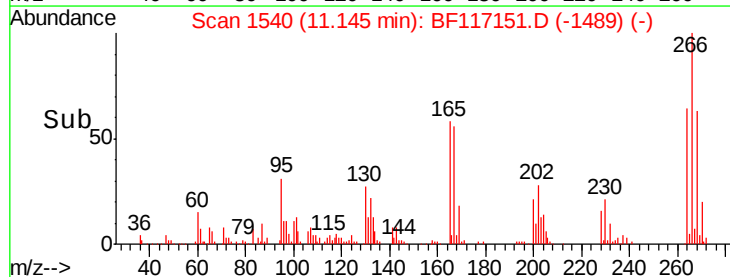


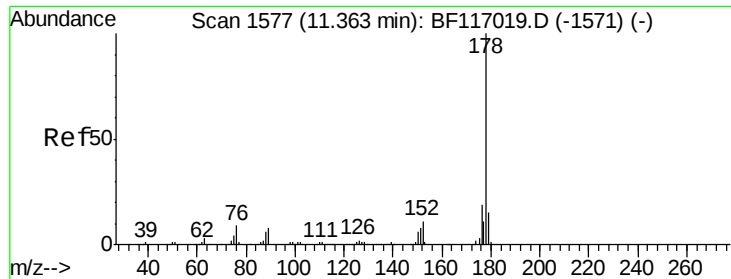
Abundance

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

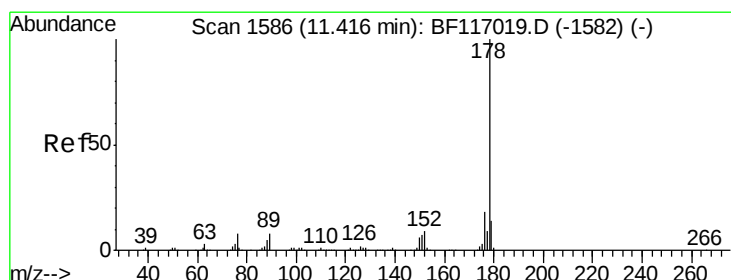
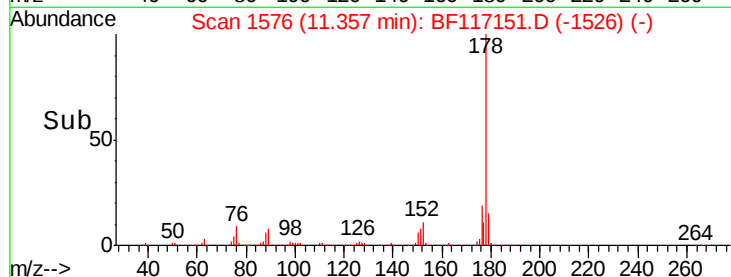
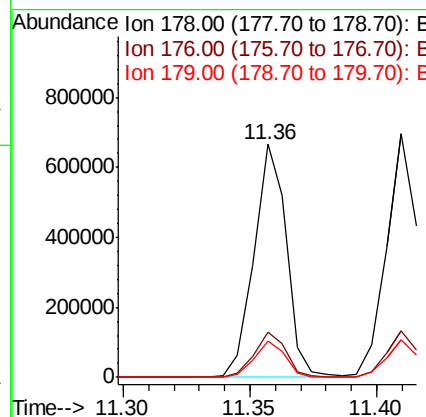
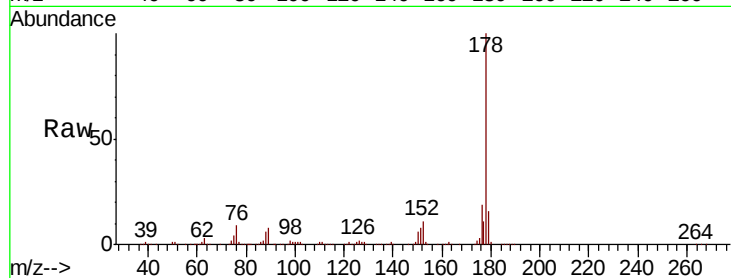




#71  
Phenanthrene  
Concen: 50.365 ng  
RT: 11.36 min Scan# 1576  
Delta R.T. -0.01 min  
Lab File: BF117151.D  
Acq: 18 Sep 2019 18:14

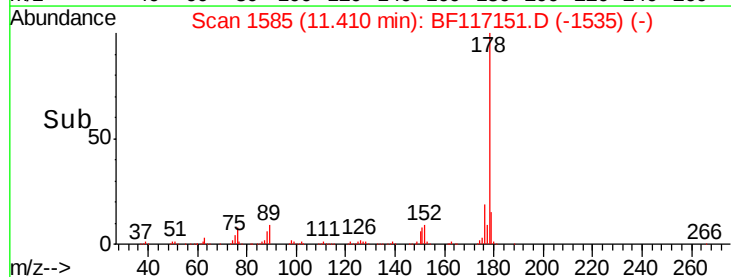
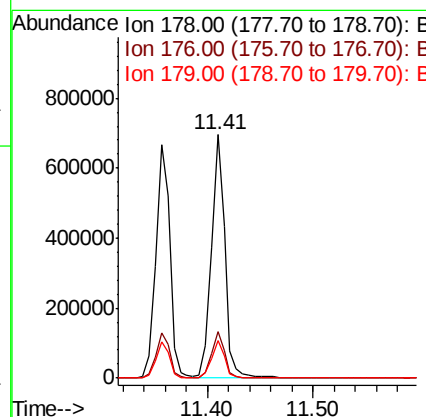
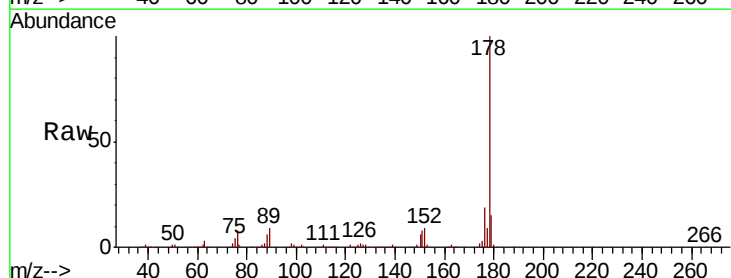
Instrument :  
BNA\_F  
ClientSampleId :

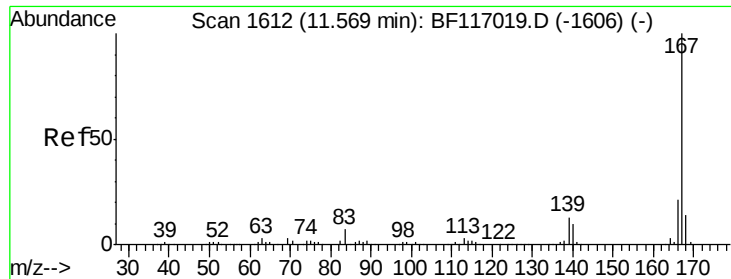
Tot Ion:178 Resp: 595315  
Ion Ratio Lower Upper  
178 100  
176 19.3 15.4 23.2  
179 15.5 12.4 18.6



#72  
Anthracene  
Concen: 51.263 ng  
RT: 11.41 min Scan# 1585  
Delta R.T. -0.01 min  
Lab File: BF117151.D  
Acq: 18 Sep 2019 18:14

Tgt Ion:178 Resp: 618615  
Ion Ratio Lower Upper  
178 100  
176 18.8 14.6 21.8  
179 15.5 11.6 17.4

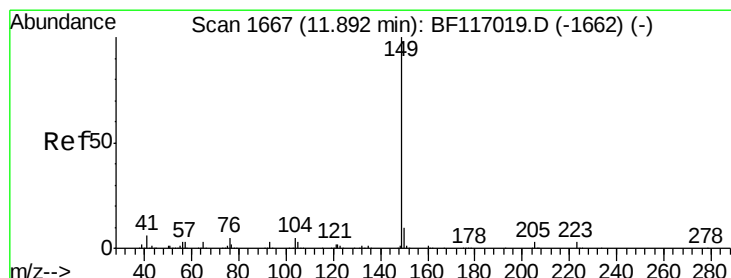
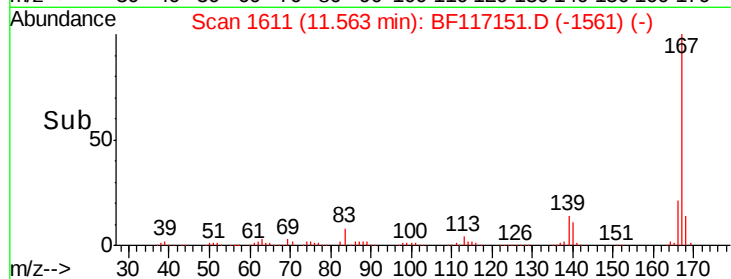
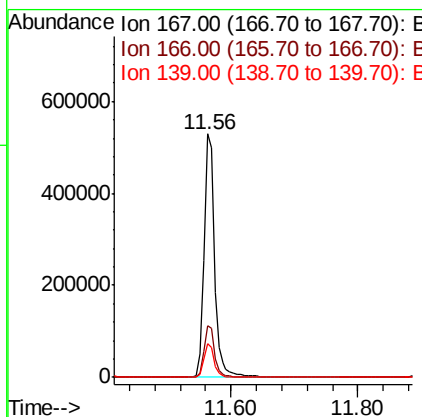
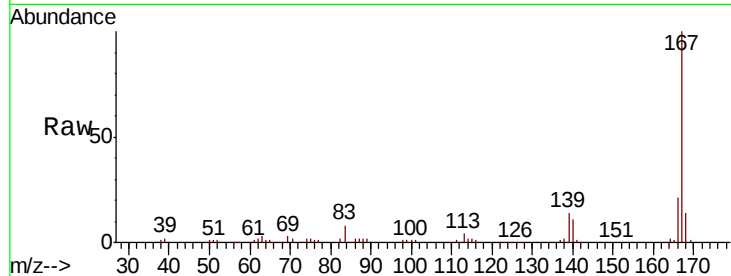




#73  
 Carbazole  
 Concen: 52.614 ng  
 RT: 11.56 min Scan# 1611  
 Delta R.T. -0.01 min  
 Lab File: BF117151.D  
 Acq: 18 Sep 2019 18:14

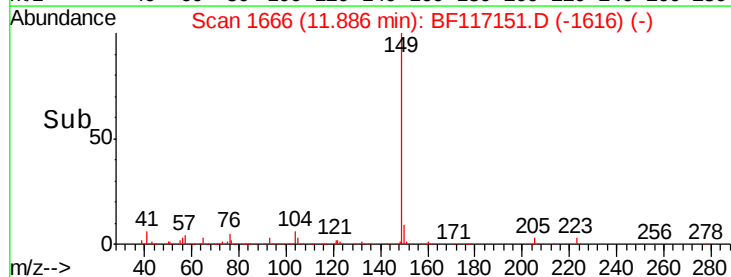
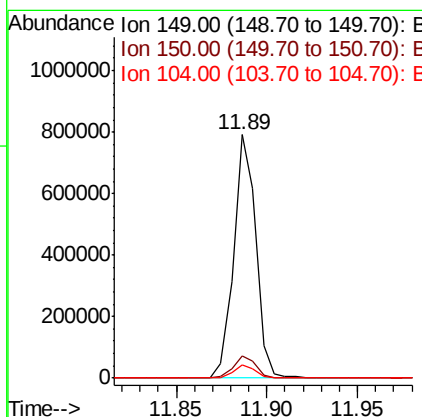
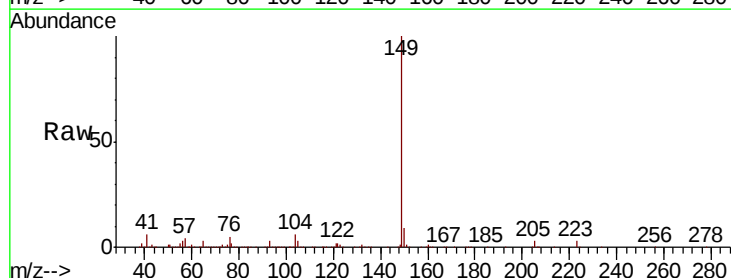
Instrument :  
 BNA\_F  
 ClientSampleId :

Tot Ion:167 Resp: 602660  
 Ion Ratio Lower Upper  
 167 100  
 166 21.2 17.2 25.8  
 139 14.0 10.6 16.0



#74  
 Di-n-butylphthalate  
 Concen: 49.547 ng  
 RT: 11.89 min Scan# 1666  
 Delta R.T. -0.01 min  
 Lab File: BF117151.D  
 Acq: 18 Sep 2019 18:14

Tgt Ion:149 Resp: 675236  
 Ion Ratio Lower Upper  
 149 100  
 150 9.4 7.7 11.5  
 104 5.6 4.2 6.4

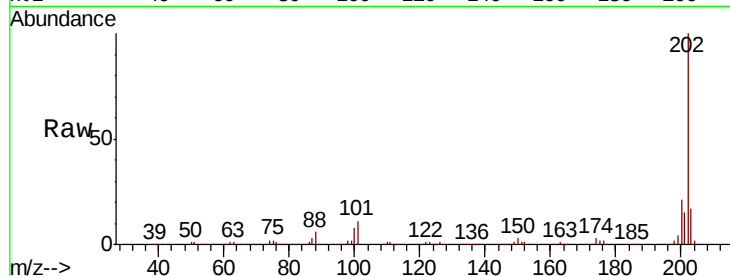




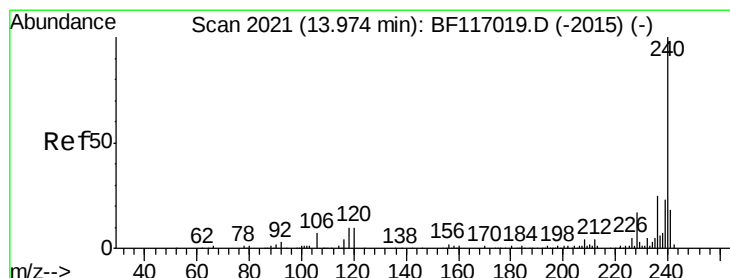
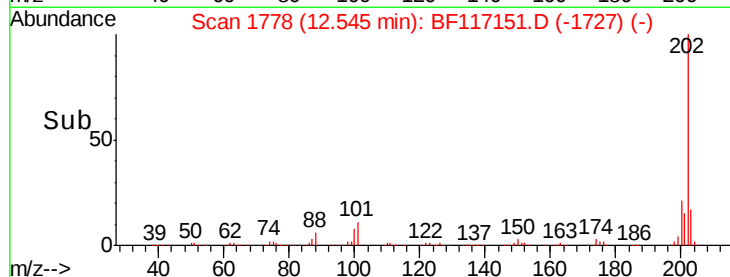
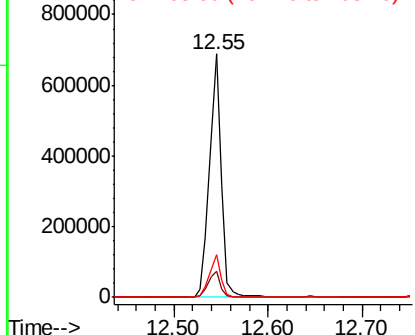
#75  
 Fluoranthene  
 Concen: 51.076 ng  
 RT: 12.55 min Scan# 1778  
 Delta R.T. 0.00 min  
 Lab File: BF117151.D  
 Acq: 18 Sep 2019 18:14

Instrument :  
 BNA\_F  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 101     | 10.9  | 0.0   | 32.3  |
| 203     | 17.4  | 0.0   | 37.1  |

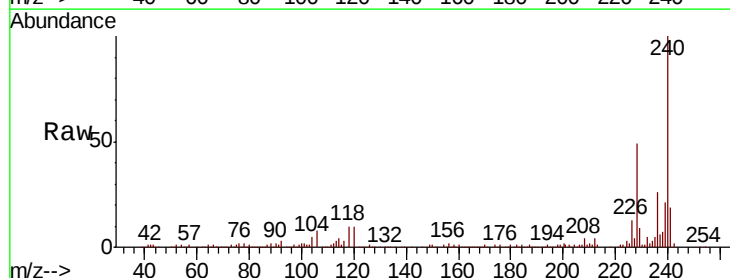


Abundance Ion 202.00 (201.70 to 202.70): E  
 Ion 101.00 (100.70 to 101.70): E  
 Ion 203.00 (202.70 to 203.70): E

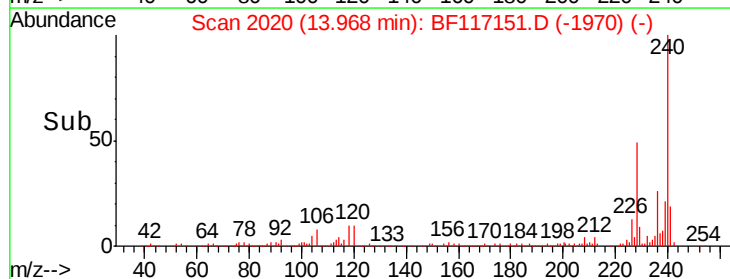
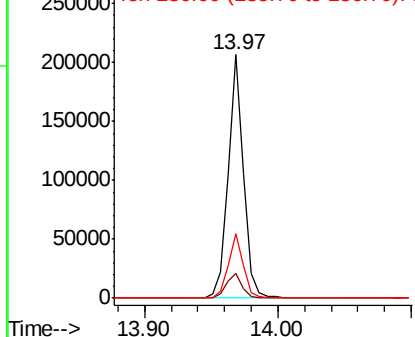


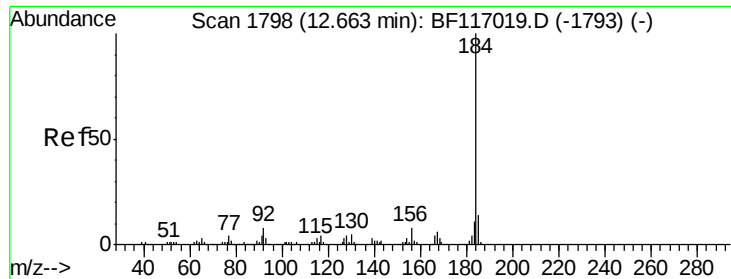
#76  
 Chrysene-d12  
 Concen: 20.000 ng  
 RT: 13.97 min Scan# 2020  
 Delta R.T. -0.01 min  
 Lab File: BF117151.D  
 Acq: 18 Sep 2019 18:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 240     | 100   |       |       |
| 120     | 10.2  | 8.3   | 12.5  |
| 236     | 26.4  | 20.3  | 30.5  |



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: 13.489 ng

RT: 12.66 min Scan# 1798

Delta R.T. 0.00 min

Lab File: BF117151.D

Acq: 18 Sep 2019 18:14

Instrument :

BNA\_F

ClientSampleId :

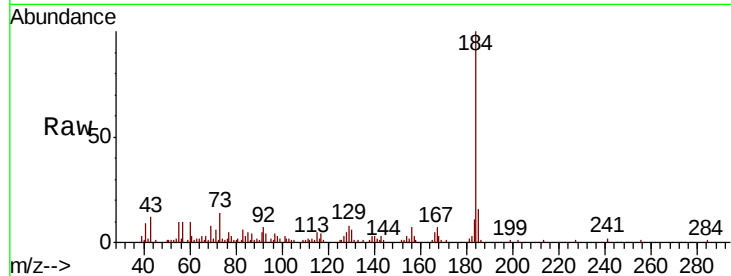
Tot Ion:184 Resp: 72773

Ion Ratio Lower Upper

184 100

185 16.5 11.6 17.4

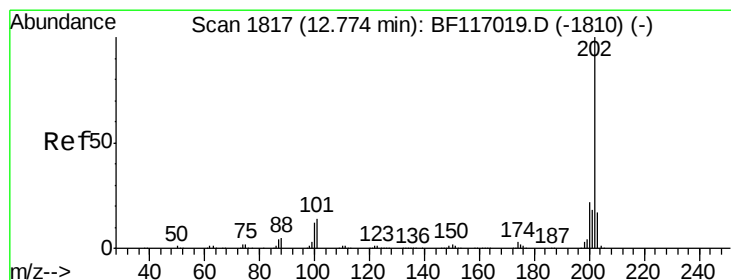
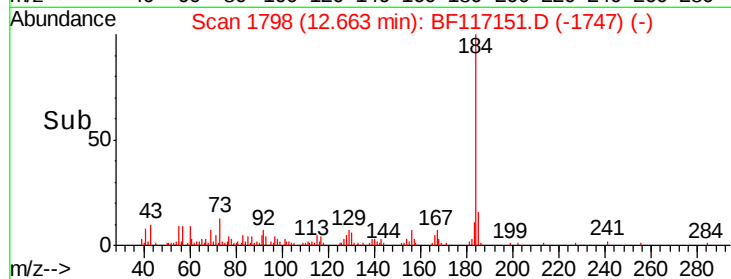
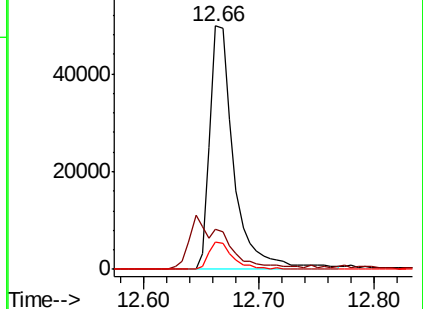
183 11.4 9.0 13.4



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: 45.226 ng

RT: 12.77 min Scan# 1817

Delta R.T. 0.00 min

Lab File: BF117151.D

Acq: 18 Sep 2019 18:14

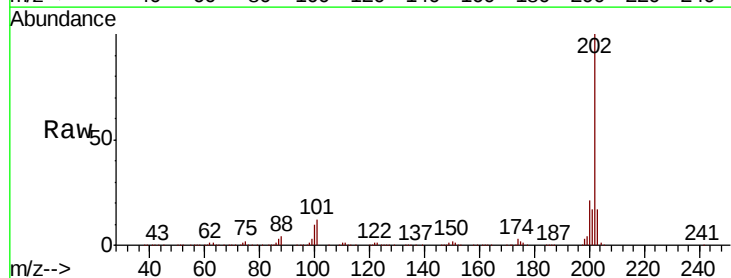
Tgt Ion:202 Resp: 635547

Ion Ratio Lower Upper

202 100

200 21.2 17.2 25.8

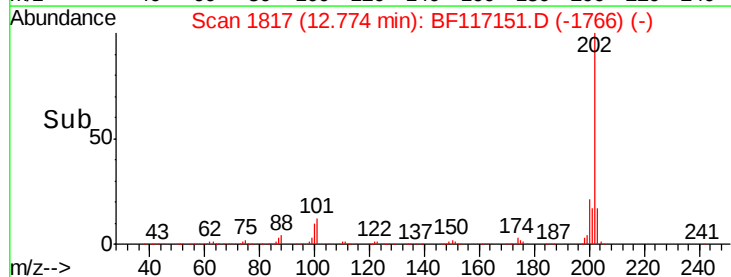
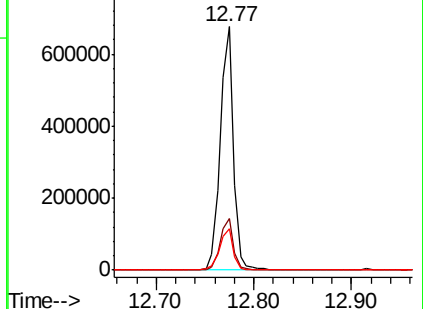
203 17.3 14.0 21.0

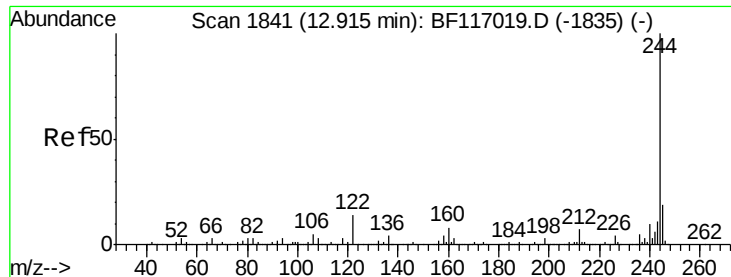


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

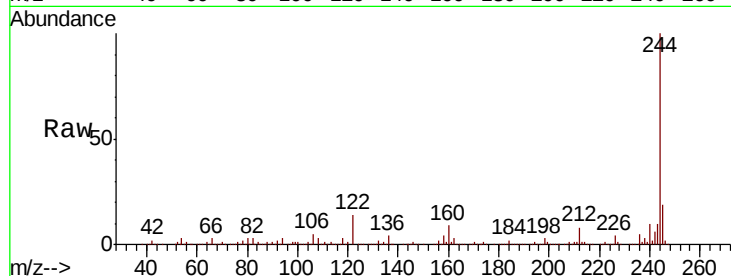




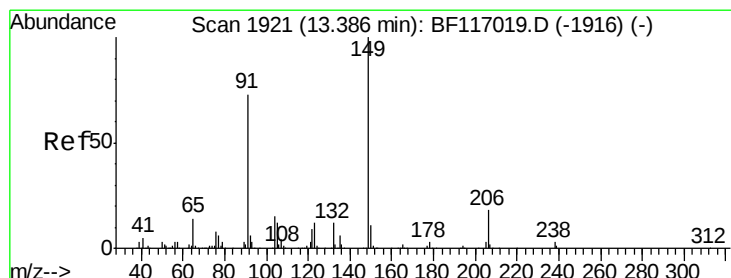
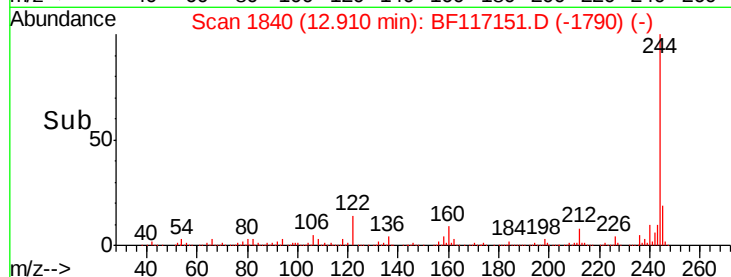
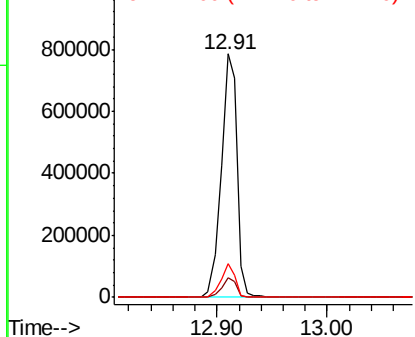
#79  
 Terphenyl-d14  
 Concen: 87.250 ng  
 RT: 12.91 min Scan# 1840  
 Delta R.T. -0.01 min  
 Lab File: BF117151.D  
 Acq: 18 Sep 2019 18:14

Instrument :  
 BNA\_F  
 ClientSampled :

Tot Ion:244 Resp: 781742  
 Ion Ratio Lower Upper  
 244 100  
 212 7.8 5.8 8.8  
 122 13.9 11.3 16.9

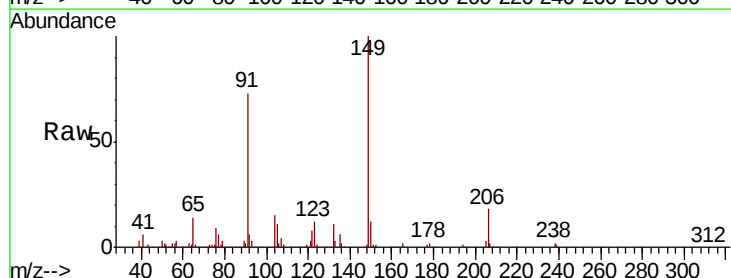


Abundance Ion 244.00 (243.70 to 244.70): E  
 Ion 212.00 (211.70 to 212.70): E  
 Ion 122.00 (121.70 to 122.70): E

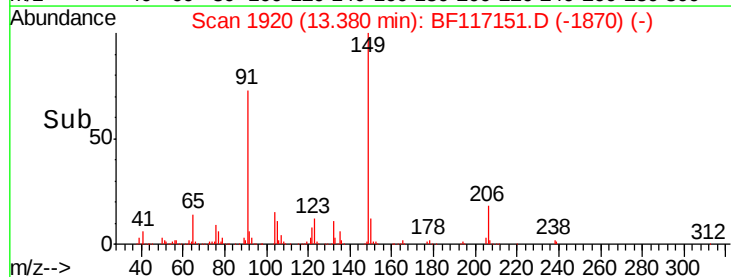
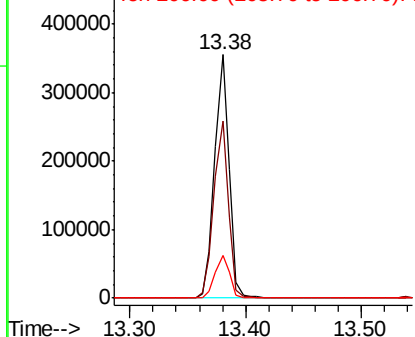


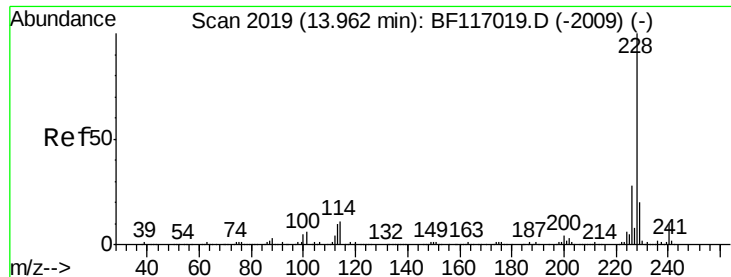
#80  
 Butylbenzylphthalate  
 Concen: 46.715 ng  
 RT: 13.38 min Scan# 1920  
 Delta R.T. -0.01 min  
 Lab File: BF117151.D  
 Acq: 18 Sep 2019 18:14

Tgt Ion:149 Resp: 310191  
 Ion Ratio Lower Upper  
 149 100  
 91 72.8 58.8 88.2  
 206 17.7 14.1 21.1



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

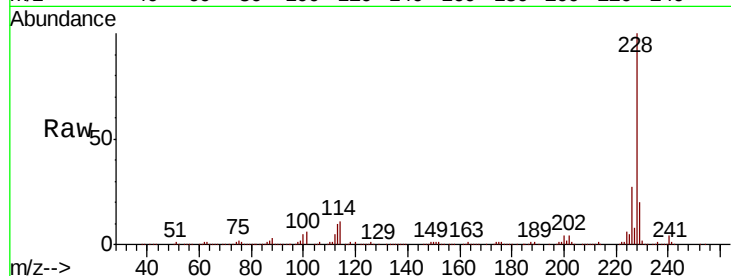




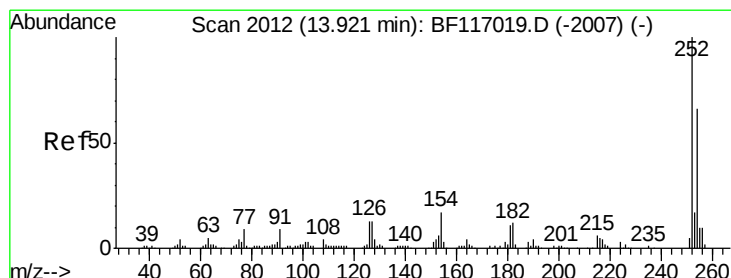
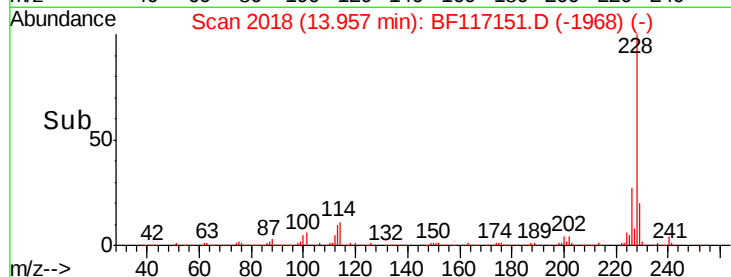
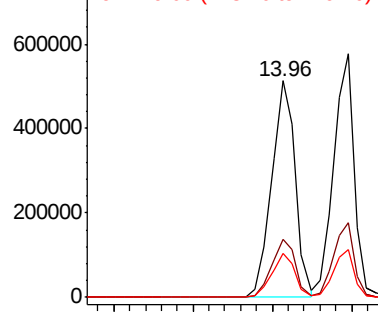
#81  
Benzo(a)anthracene  
Concen: 47.757 ng  
RT: 13.96 min Scan# 2018  
Delta R.T. -0.01 min  
Lab File: BF117151.D  
Acq: 18 Sep 2019 18:14

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:228 Resp: 534372  
Ion Ratio Lower Upper  
228 100  
226 27.1 22.3 33.5  
229 20.3 15.9 23.9

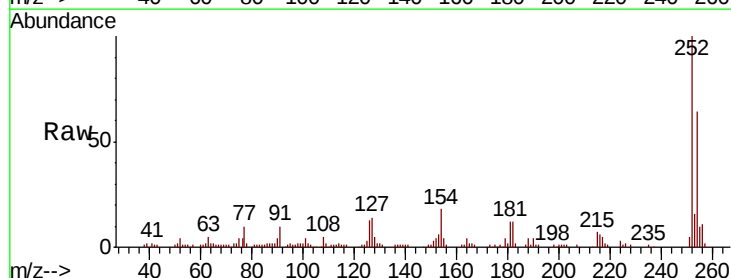


Abundance Ion 228.00 (227.70 to 228.70): E  
Ion 226.00 (225.70 to 226.70): E  
Ion 229.00 (228.70 to 229.70): E

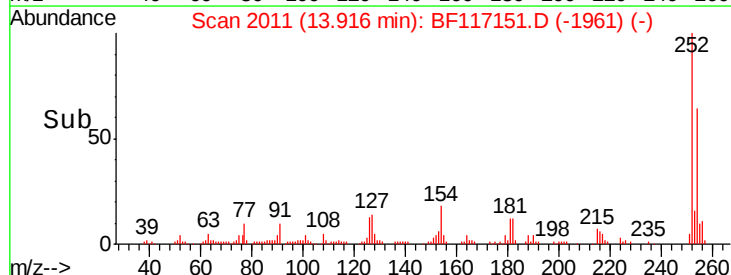
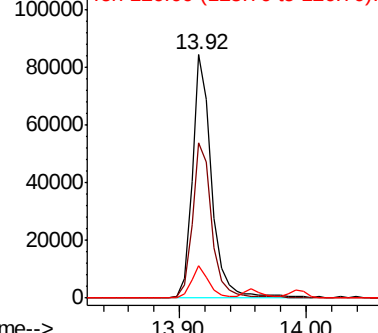


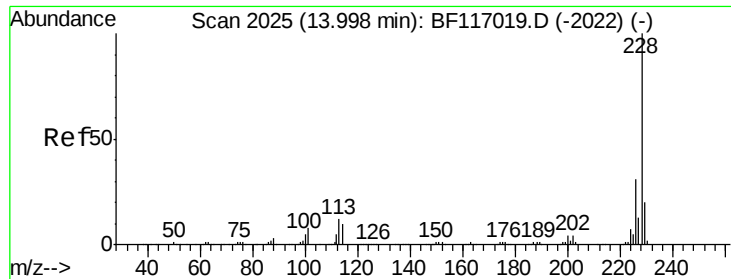
#82  
3,3'-Dichlorobenzidine  
Concen: 24.948 ng  
RT: 13.92 min Scan# 2011  
Delta R.T. -0.01 min  
Lab File: BF117151.D  
Acq: 18 Sep 2019 18:14

Tgt Ion:252 Resp: 89956  
Ion Ratio Lower Upper  
252 100  
254 63.9 52.6 79.0  
126 13.2 10.4 15.6



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

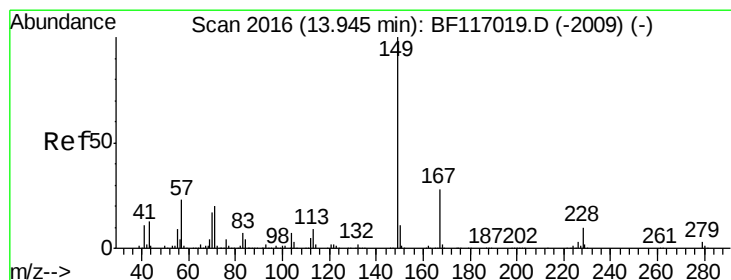
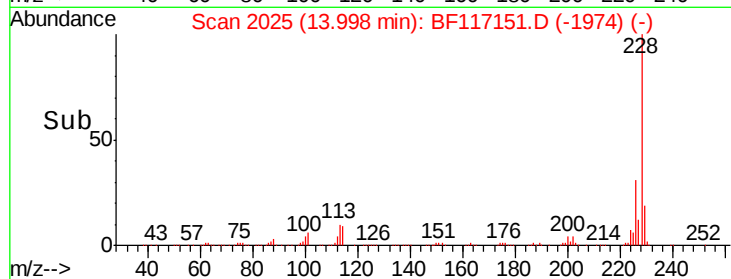
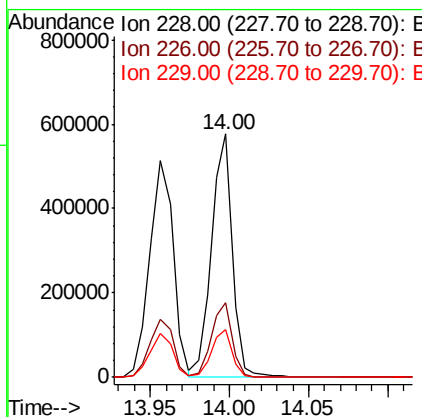
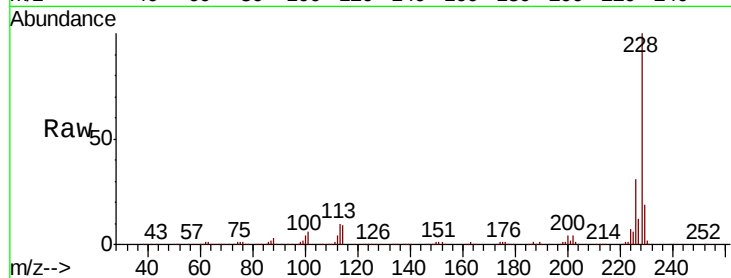




#83  
 Chrysene  
 Concen: 48.327 ng  
 RT: 14.00 min Scan# 2025  
 Delta R.T. 0.00 min  
 Lab File: BF117151.D  
 Acq: 18 Sep 2019 18:14

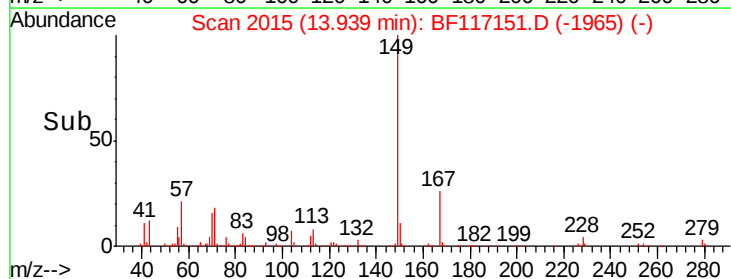
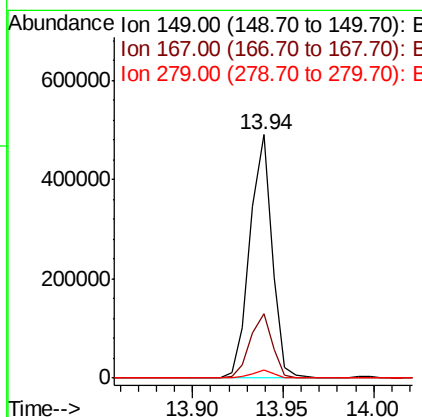
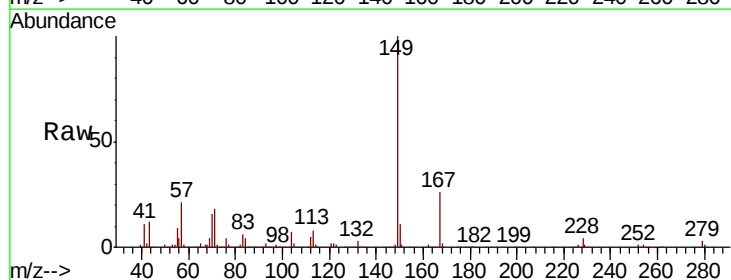
Instrument :  
 BNA\_F  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 30.5  | 24.8  | 37.2  |
| 229     | 19.4  | 15.8  | 23.8  |



#84  
 Bis(2-ethylhexyl)phthalate  
 Concen: 48.931 ng  
 RT: 13.94 min Scan# 2015  
 Delta R.T. -0.01 min  
 Lab File: BF117151.D  
 Acq: 18 Sep 2019 18:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 26.5  | 22.2  | 33.2  |
| 279     | 3.5   | 2.8   | 4.2   |

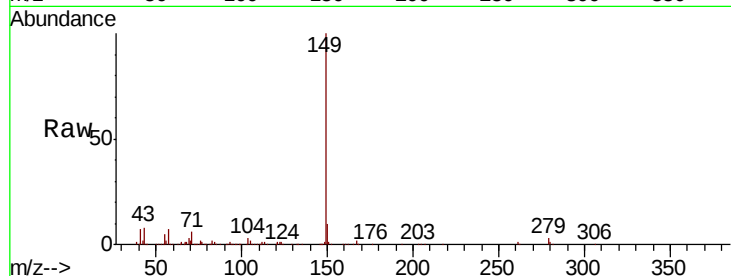




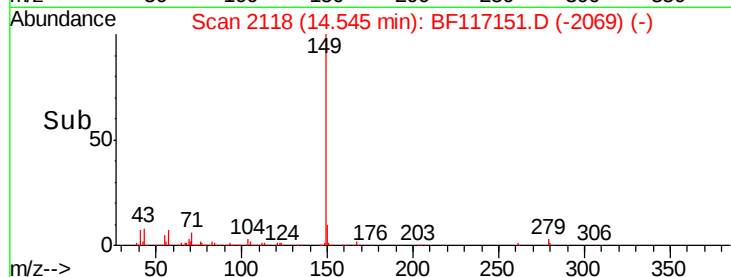
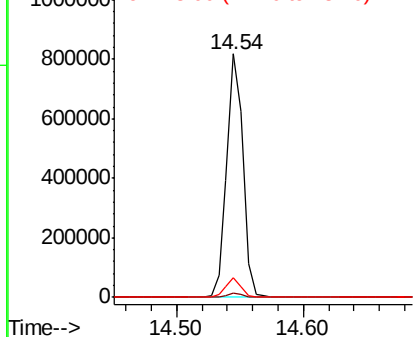
#85  
Di-n-octyl phthalate  
Concen: 53.858 ng  
RT: 14.54 min Scan# 2118  
Delta R.T. -0.01 min  
Lab File: BF117151.D  
Acq: 18 Sep 2019 18:14

Instrument :  
BNA\_F  
ClientSampled :

Tot Ion:149 Resp: 725740  
Ion Ratio Lower Upper  
149 100  
167 1.6 1.2 1.8  
43 7.4 6.2 9.4

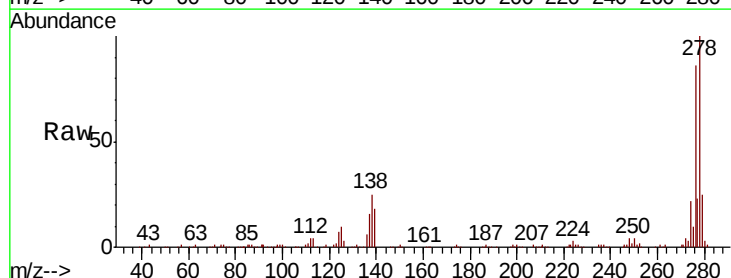


Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 167.00 (166.70 to 167.70): E  
Ion 43.00 (42.70 to 43.70): BF1

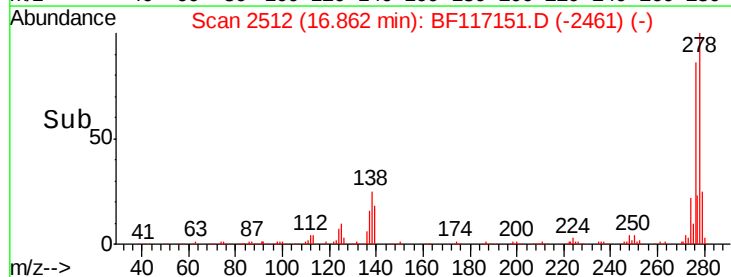
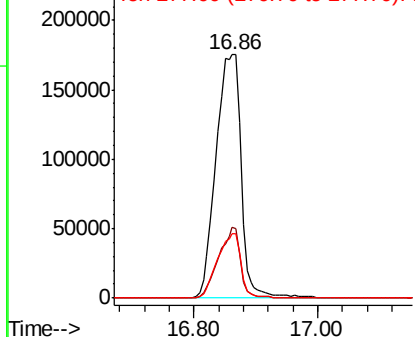


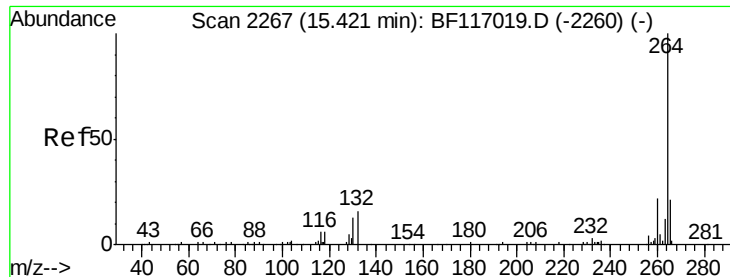
#86  
Indeno(1,2,3-cd)pyrene  
Concen: 62.273 ng  
RT: 16.86 min Scan# 2512  
Delta R.T. 0.00 min  
Lab File: BF117151.D  
Acq: 18 Sep 2019 18:14

Tgt Ion:276 Resp: 495810  
Ion Ratio Lower Upper  
276 100  
138 25.3 20.7 31.1  
277 24.8 19.8 29.8



Abundance Ion 276.00 (275.70 to 276.70): E  
Ion 138.00 (137.70 to 138.70): E  
Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.41 min Scan# 2265

Delta R.T. -0.01 min

Lab File: BF117151.D

Acq: 18 Sep 2019 18:14

Instrument :

BNA\_F

ClientSampleId :

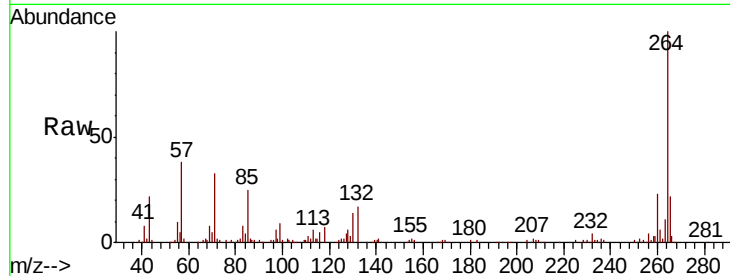
Tot Ion:264 Resp: 173852

Ion Ratio Lower Upper

264 100

260 23.1 17.6 26.4

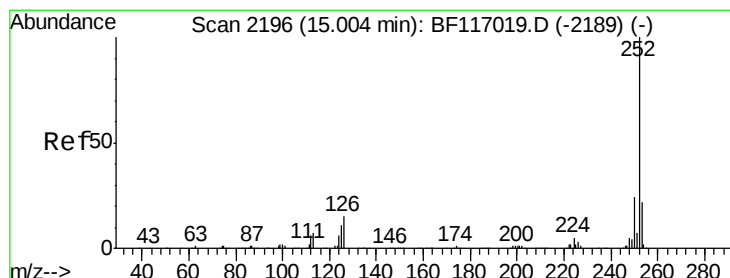
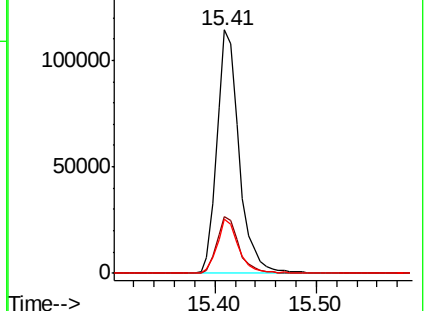
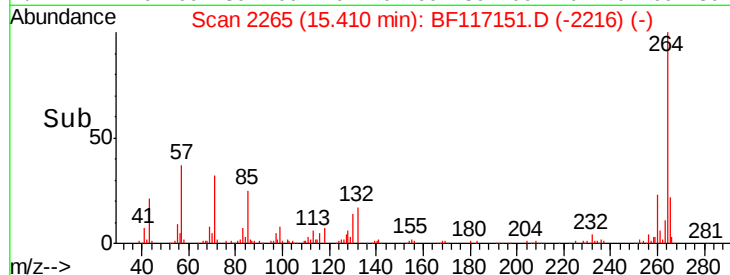
265 22.4 16.6 24.8



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 45.554 ng

RT: 15.00 min Scan# 2195

Delta R.T. -0.01 min

Lab File: BF117151.D

Acq: 18 Sep 2019 18:14

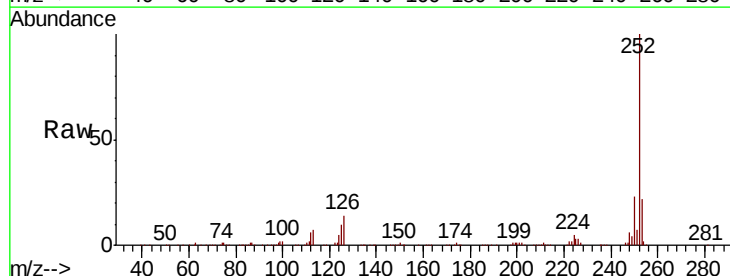
Tgt Ion:252 Resp: 479720

Ion Ratio Lower Upper

252 100

253 21.8 17.6 26.4

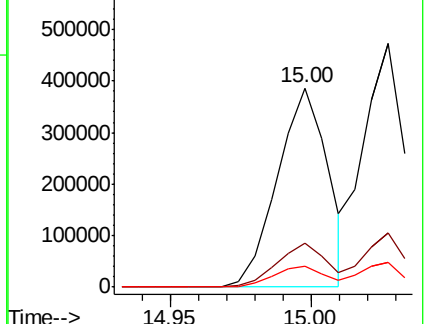
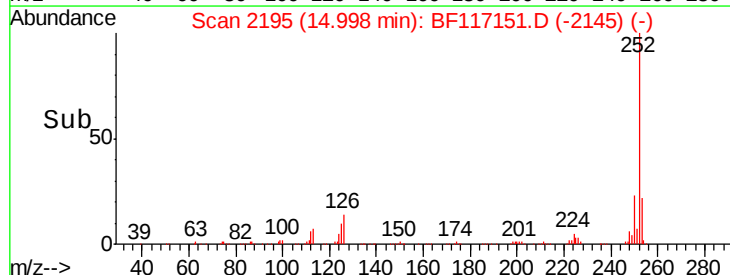
125 10.3 8.6 12.8

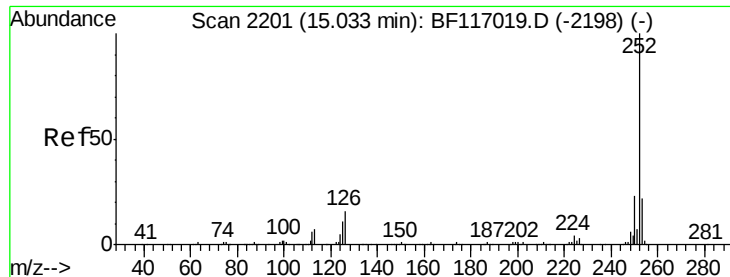


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

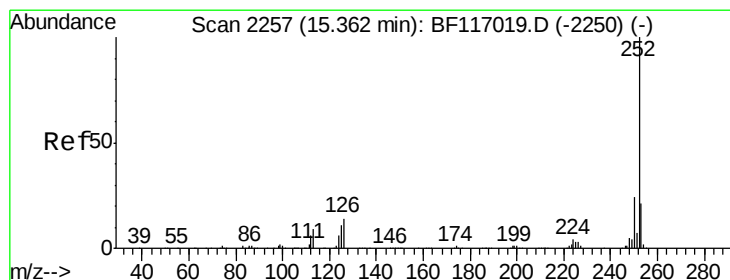
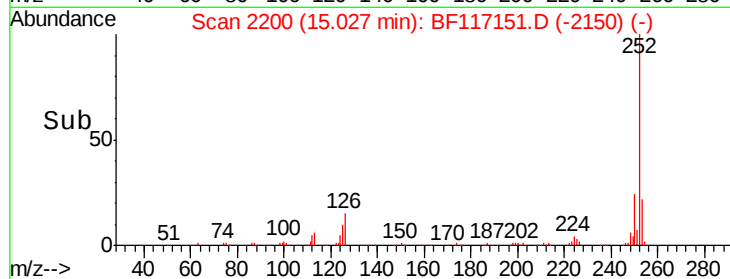
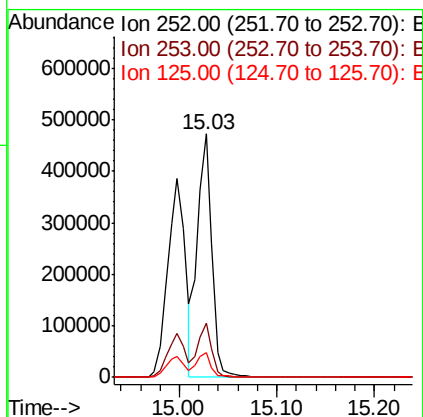
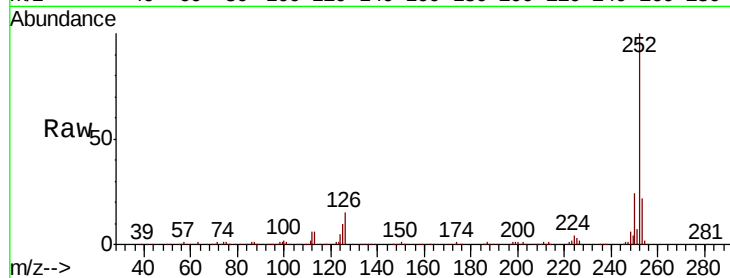




#89  
Benzo(k)fluoranthene  
Concen: 48.654 ng  
RT: 15.03 min Scan# 2200  
Delta R.T. -0.01 min  
Lab File: BF117151.D  
Acq: 18 Sep 2019 18:14

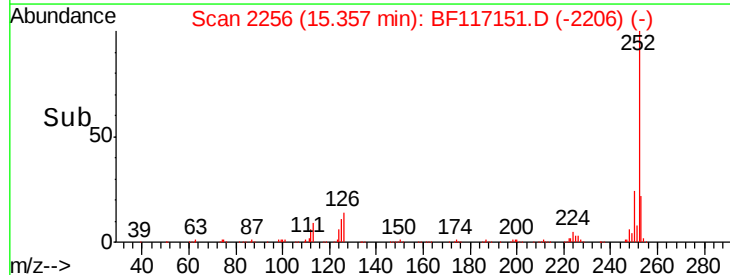
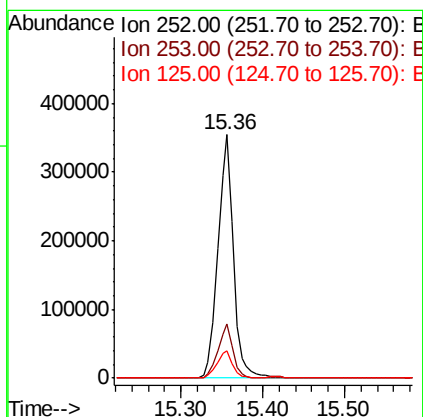
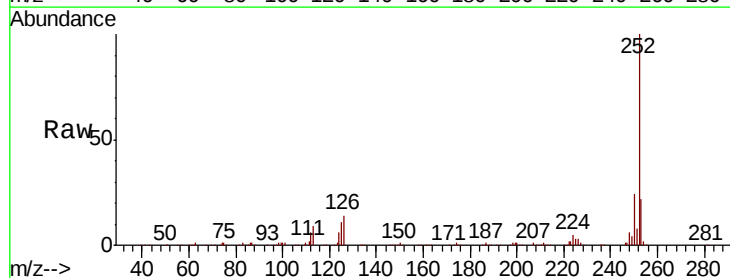
Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:252 Resp: 485358  
Ion Ratio Lower Upper  
252 100  
253 22.5 17.4 26.2  
125 10.3 8.8 13.2



#90  
Benzo(a)pyrene  
Concen: 51.046 ng  
RT: 15.36 min Scan# 2256  
Delta R.T. -0.01 min  
Lab File: BF117151.D  
Acq: 18 Sep 2019 18:14

Tgt Ion:252 Resp: 471717  
Ion Ratio Lower Upper  
252 100  
253 22.3 16.6 25.0  
125 11.2 8.9 13.3





#91

Dibenzo(a,h)anthracene

Concen: 55.997 ng

RT: 16.87 min Scan# 2513

Delta R.T. 0.00 min

Lab File: BF117151.D

Acq: 18 Sep 2019 18:14

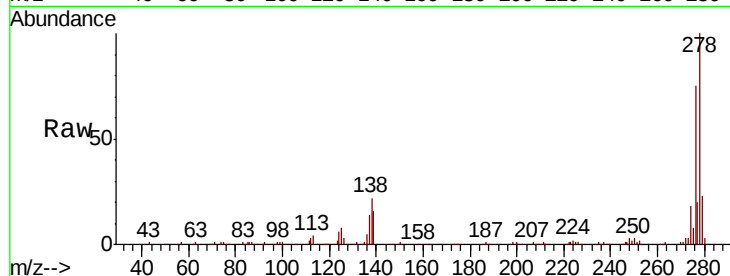
Instrument :

BNA\_F

ClientSampleId :

Tot Ion:278 Resp: 412230

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 278 | 100   |       |       |
| 139 | 16.0  | 13.5  | 20.3  |
| 279 | 23.4  | 18.8  | 28.2  |

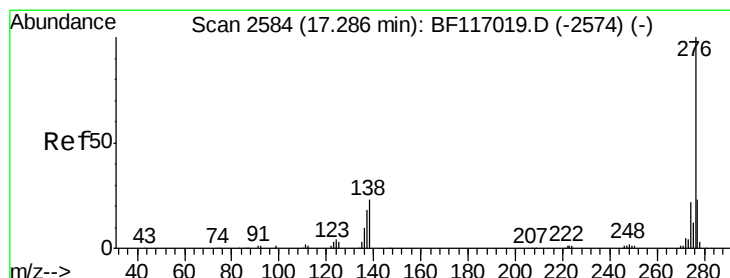
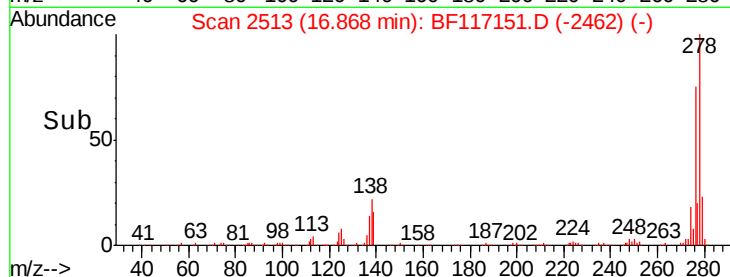
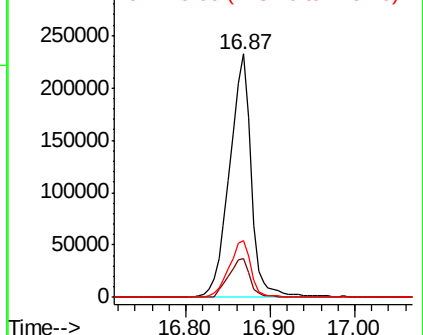


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 56.260 ng

RT: 17.29 min Scan# 2585

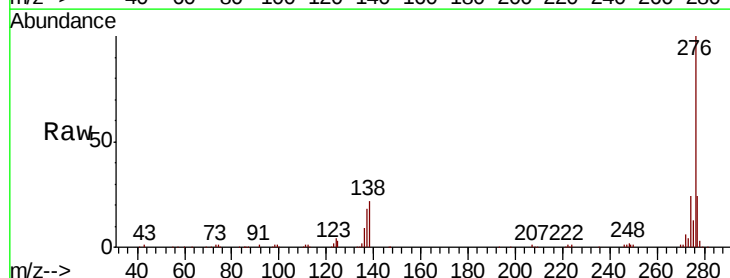
Delta R.T. 0.01 min

Lab File: BF117151.D

Acq: 18 Sep 2019 18:14

Tgt Ion:276 Resp: 412712

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 276 | 100   |       |       |
| 277 | 23.9  | 18.6  | 27.8  |
| 138 | 22.5  | 18.0  | 27.0  |



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

