

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091719\  
 Data File : BF117121.D  
 Acq On : 17 Sep 2019 21:44  
 Operator : HP/JU  
 Sample : K4661-06MSD  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 HD-02-091319MSD

Quant Time: Sep 18 03:53:54 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  | 62741    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.10  | 136  | 240454   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 9.85  | 164  | 126206   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 11.33 | 188  | 209556   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 13.97 | 240  | 150089   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 15.41 | 264  | 131528   | 20.00 | ng    | -0.01    |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 5) 2-Fluorophenol           | 5.46  | 112  | 501143   | 124.70 | ng    | 0.02     |
| 7) Phenol-d6                | 6.47  | 99   | 626633   | 120.66 | ng    | 0.01     |
| 23) Nitrobenzene-d5         | 7.39  | 82   | 463621   | 101.31 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.65 | 330  | 164286   | 155.75 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.17  | 172  | 820021   | 101.59 | ng    | 0.00     |
| 79) Terphenyl-d14           | 12.92 | 244  | 834408   | 103.92 | ng    | 0.00     |

| Target Compounds               | R.T. | QIon | Response | Conc   | Units | Qvalue |
|--------------------------------|------|------|----------|--------|-------|--------|
| 2) 1,4-Dioxane                 | 2.69 | 88   | 64254    | 38.210 | ng    | # 87   |
| 3) Pyridine                    | 3.43 | 79   | 99578    | 21.635 | ng    | 98     |
| 4) n-Nitrosodimethylamine      | 3.34 | 42   | 68181    | 43.165 | ng    | # 100  |
| 6) Aniline                     | 6.49 | 93   | 75767    | 11.331 | ng    | # 82   |
| 8) 2-Chlorophenol              | 6.62 | 128  | 200369   | 46.218 | ng    | 99     |
| 9) Benzaldehyde                | 6.37 | 77   | 48720    | 12.219 | ng    | 97     |
| 10) Phenol                     | 6.48 | 94   | 218628   | 38.185 | ng    | 92     |
| 11) bis(2-Chloroethyl)ether    | 6.56 | 93   | 191554   | 45.522 | ng    | 97     |
| 12) 1,3-Dichlorobenzene        | 6.77 | 146  | 193389   | 39.753 | ng    | 96     |
| 13) 1,4-Dichlorobenzene        | 6.84 | 146  | 202682   | 40.825 | ng    | 99     |
| 14) 1,2-Dichlorobenzene        | 7.00 | 146  | 187619   | 40.590 | ng    | 99     |
| 15) Benzyl Alcohol             | 6.97 | 79   | 187467   | 47.071 | ng    | 99     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.10 | 45   | 175873   | 42.304 | ng    | 85     |
| 17) 2-Methylphenol             | 7.09 | 107  | 159430   | 43.879 | ng    | 91     |
| 18) Hexachloroethane           | 7.33 | 117  | 75306    | 39.429 | ng    | 98     |
| 19) n-Nitroso-di-n-propylamine | 7.24 | 70   | 147927   | 46.776 | ng    | 98     |
| 20) 3+4-Methylphenols          | 7.24 | 107  | 205668   | 45.444 | ng    | # 83   |
| 22) Acetophenone               | 7.23 | 105  | 304352   | 49.819 | ng    | 97     |
| 24) Nitrobenzene               | 7.40 | 77   | 223122   | 49.370 | ng    | 99     |
| 25) Isophorone                 | 7.65 | 82   | 407957   | 50.347 | ng    | 98     |
| 26) 2-Nitrophenol              | 7.72 | 139  | 104404   | 53.783 | ng    | 97     |
| 27) 2,4-Dimethylphenol         | 7.76 | 122  | 176659   | 57.387 | ng    | 99     |
| 28) bis(2-Chloroethoxy)methane | 7.85 | 93   | 248239   | 49.725 | ng    | 99     |
| 29) 2,4-Dichlorophenol         | 7.97 | 162  | 171674   | 53.223 | ng    | 98     |
| 30) 1,2,4-Trichlorobenzene     | 8.05 | 180  | 163655   | 46.962 | ng    | 99     |
| 31) Naphthalene                | 8.13 | 128  | 577692   | 49.955 | ng    | 98     |
| 32) Benzoic acid               | 7.89 | 122  | 67538    | 31.658 | ng    | 95     |
| 33) 4-Chloroaniline            | 8.18 | 127  | 29152    | 5.684  | ng    | 95     |
| 34) Hexachlorobutadiene        | 8.25 | 225  | 90311    | 45.678 | ng    | 99     |
| 35) Caprolactam                | 8.55 | 113  | 25617    | 23.463 | ng    | 96     |
| 36) 4-Chloro-3-methylphenol    | 8.66 | 107  | 198860   | 52.873 | ng    | 98     |
| 37) 2-Methylnaphthalene        | 8.82 | 142  | 404407   | 51.931 | ng    | 98     |
| 38) 1-Methylnaphthalene        | 8.92 | 142  | 372621   | 51.090 | ng    | 99     |
| 40) 1,2,4,5-Tetrachlorobenzene | 8.98 | 216  | 158505   | 48.636 | ng    | 99     |

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 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

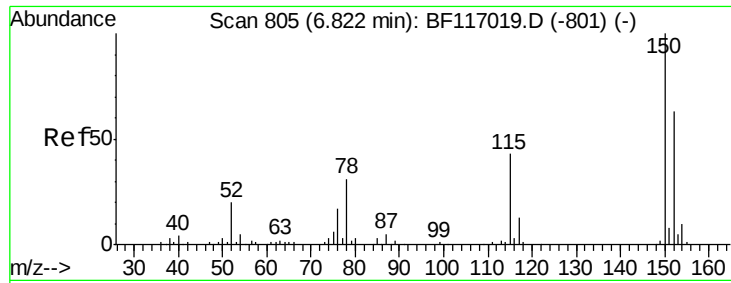
Instrument :  
 BNA\_F  
 ClientSampleId :  
 HD-02-091319MSD

Quant Time: Sep 18 03:53:54 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  | 130183   | 89.353  | nq    | 98       |
| 43) 2,4,6-Trichlorophenol      | 9.10  | 196  | 111071   | 50.221  | nq    | 97       |
| 44) 2,4,5-Trichlorophenol      | 9.15  | 196  | 122265   | 51.743  | nq    | 94       |
| 46) 1,1'-Biphenyl              | 9.27  | 154  | 480446   | 48.532  | nq    | 100      |
| 47) 2-Chloronaphthalene        | 9.30  | 162  | 380776   | 48.737  | nq    | 99       |
| 48) 2-Nitroaniline             | 9.40  | 65   | 125830   | 50.212  | nq    | 93       |
| 49) Acenaphthylene             | 9.72  | 152  | 603037   | 51.523  | nq    | 99       |
| 50) Dimethylphthalate          | 9.57  | 163  | 468820   | 52.464  | nq    | 99       |
| 51) 2,6-Dinitrotoluene         | 9.64  | 165  | 100574   | 55.261  | nq    | 92       |
| 52) Acenaphthene               | 9.89  | 154  | 344796   | 49.696  | nq    | 99       |
| 53) 3-Nitroaniline             | 9.81  | 138  | 42155    | 18.358  | nq    | 98       |
| 54) 2,4-Dinitrophenol          | 9.92  | 184  | 70119    | 88.169  | nq    | 94       |
| 55) Dibenzofuran               | 10.06 | 168  | 526236   | 51.407  | nq    | 99       |
| 56) 4-Nitrophenol              | 9.99  | 139  | 133208   | 89.507  | nq    | 94       |
| 57) 2,4-Dinitrotoluene         | 10.05 | 165  | 136842   | 57.924  | nq    | 96       |
| 58) Fluorene                   | 10.40 | 166  | 436218   | 52.901  | nq    | 97       |
| 59) 2,3,4,6-Tetrachlorophenol  | 10.18 | 232  | 95724    | 52.938  | nq    | 99       |
| 60) Diethylphthalate           | 10.27 | 149  | 463605   | 52.734  | nq    | 99       |
| 61) 4-Chlorophenyl-phenylether | 10.39 | 204  | 188115   | 52.727  | nq    | 98       |
| 62) 4-Nitroaniline             | 10.43 | 138  | 113548   | 47.549  | nq    | 97       |
| 63) Azobenzene                 | 10.55 | 77   | 465722   | 51.868  | nq    | 97       |
| 65) 4,6-Dinitro-2-methylphenol | 10.46 | 198  | 50870    | 52.518  | nq    | 90       |
| 66) n-Nitrosodiphenylamine     | 10.51 | 169  | 380318   | 52.550  | nq    | 99       |
| 67) 4-Bromophenyl-phenylether  | 10.88 | 248  | 112388   | 52.516  | nq    | 95       |
| 68) Hexachlorobenzene          | 10.95 | 284  | 116737   | 49.872  | nq    | # 92     |
| 69) Atrazine                   | 11.03 | 200  | 91042    | 53.050  | nq    | 98       |
| 70) Pentachlorophenol          | 11.15 | 266  | 120498   | 109.823 | nq    | 96       |
| 71) Phenanthrene               | 11.36 | 178  | 618916   | 51.998  | nq    | 99       |
| 72) Anthracene                 | 11.42 | 178  | 647323   | 53.270  | nq    | 99       |
| 73) Carbazole                  | 11.57 | 167  | 605733   | 52.515  | nq    | 99       |
| 74) Di-n-butylphthalate        | 11.89 | 149  | 735700   | 53.609  | nq    | 98       |
| 75) Fluoranthene               | 12.55 | 202  | 638446   | 52.203  | nq    | 99       |
| 78) Pyrene                     | 12.77 | 202  | 651352   | 51.721  | nq    | 99       |
| 80) Butylbenzylphthalate       | 13.38 | 149  | 317522   | 53.359  | nq    | 99       |
| 81) Benzo(a)anthracene         | 13.96 | 228  | 498608   | 49.723  | nq    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 13.92 | 252  | 83244    | 25.761  | nq    | 97       |
| 83) Chrysene                   | 14.00 | 228  | 505465   | 51.683  | nq    | 98       |
| 84) Bis(2-ethylhexyl)phthalate | 13.94 | 149  | 429947   | 56.037  | nq    | 98       |
| 85) Di-n-octyl phthalate       | 14.54 | 149  | 706195   | 58.479  | nq    | 99       |
| 86) Indeno(1,2,3-cd)pyrene     | 16.86 | 276  | 409602   | 57.405  | nq    | 98       |
| 88) Benzo(b)fluoranthene       | 15.00 | 252  | 413776   | 51.935  | nq    | 99       |
| 89) Benzo(k)fluoranthene       | 15.03 | 252  | 409832   | 54.304  | nq    | 98       |
| 90) Benzo(a)pyrene             | 15.36 | 252  | 387779   | 55.466  | nq    | 98       |
| 91) Dibenzo(a,h)anthracene     | 16.86 | 278  | 344530   | 61.860  | nq    | 99       |
| 92) Benzo(g,h,i)perylene       | 17.29 | 276  | 341899   | 61.604  | nq    | 98       |

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



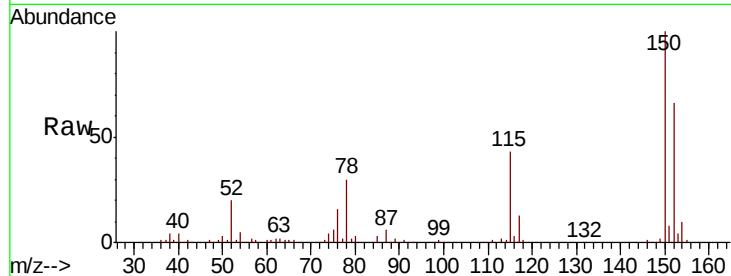


#1

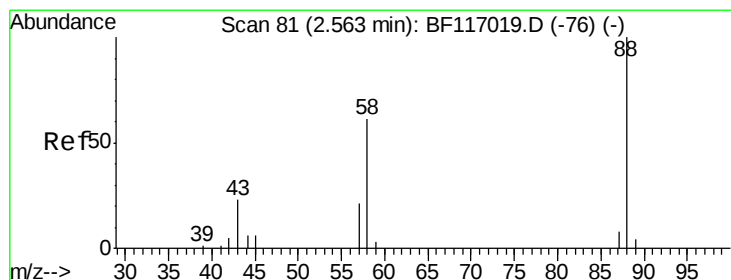
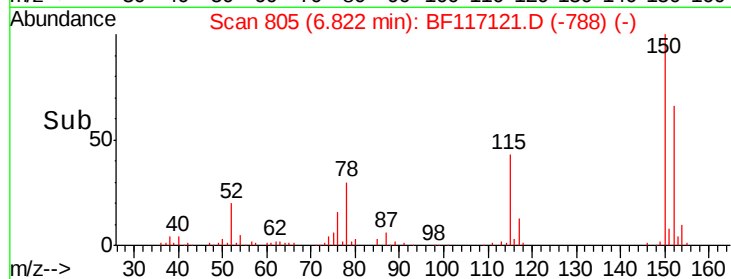
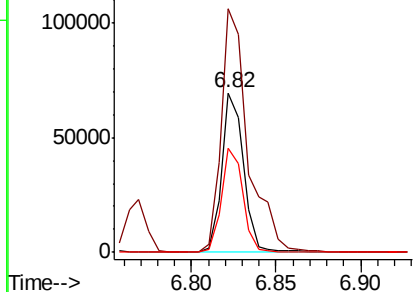
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.82 min Scan# 805  
Delta R.T. 0.00 min  
Lab File: BF117121.D  
Acq: 17 Sep 2019 21:44

Instrument :  
BNA\_F  
ClientSampleId :  
HD-02-091319MSD

Tot Ion:152 Resp: 62741  
Ion Ratio Lower Upper  
152 100  
150 152.6 127.5 191.3  
115 65.6 55.0 82.4



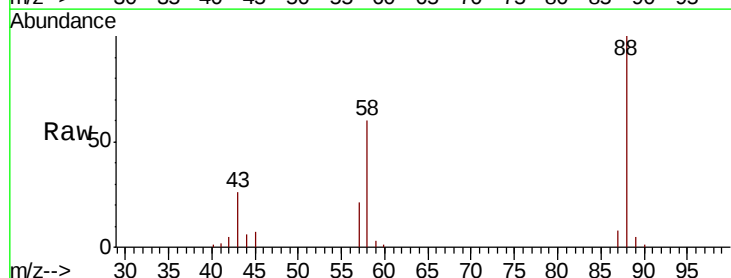
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



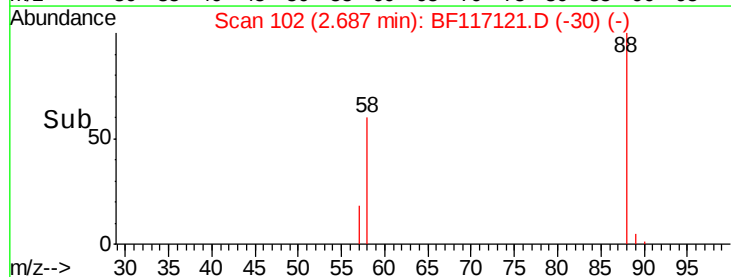
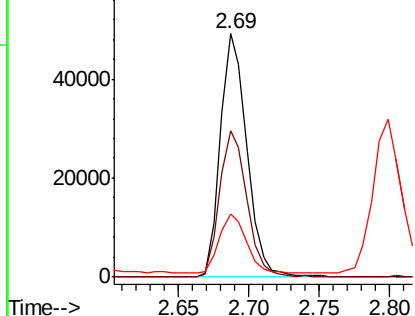
#2

1,4-Dioxane  
Concen: 38.210 ng  
RT: 2.69 min Scan# 102  
Delta R.T. 0.12 min  
Lab File: BF117121.D  
Acq: 17 Sep 2019 21:44

Tgt Ion: 88 Resp: 64254  
Ion Ratio Lower Upper  
88 100  
58 61.7 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: 21.635 ng

RT: 3.43 min Scan# 228

Delta R.T. 0.12 min

Lab File: BF117121.D

Acq: 17 Sep 2019 21:44

Instrument :

BNA\_F

ClientSampleId :

HD-02-091319MSD

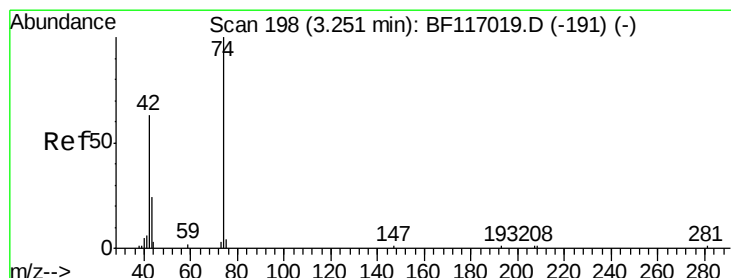
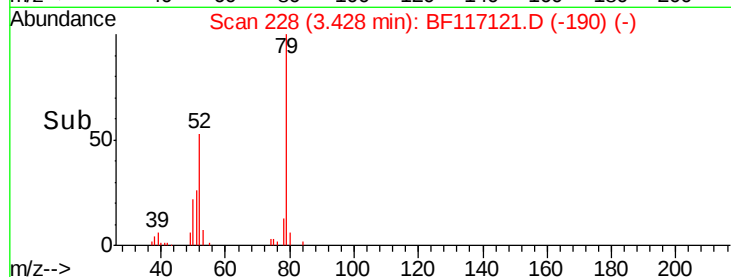
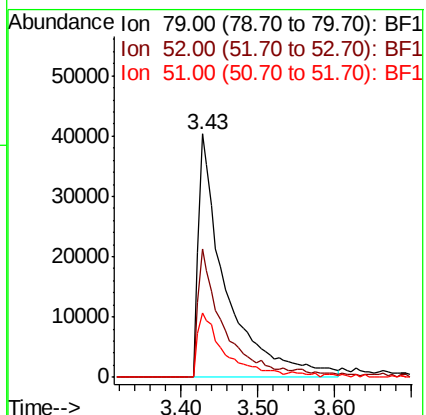
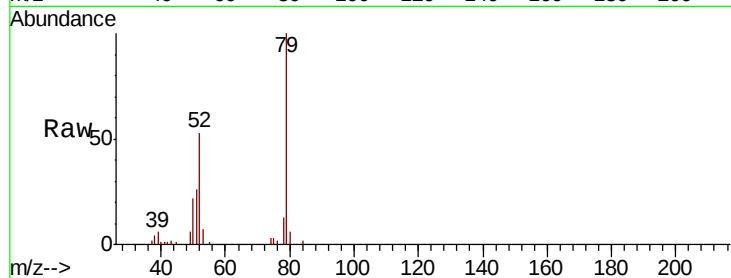
Tot Ion: 79 Resp: 99578

Ion Ratio Lower Upper

79 100

52 52.7 43.5 65.3

51 26.4 21.8 32.6



#4

n-Nitrosodimethylamine

Concen: 43.165 ng

RT: 3.34 min Scan# 213

Delta R.T. 0.09 min

Lab File: BF117121.D

Acq: 17 Sep 2019 21:44

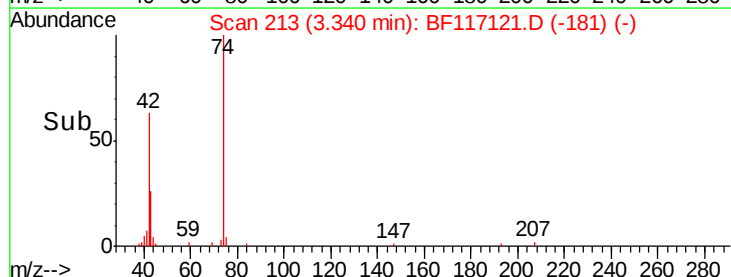
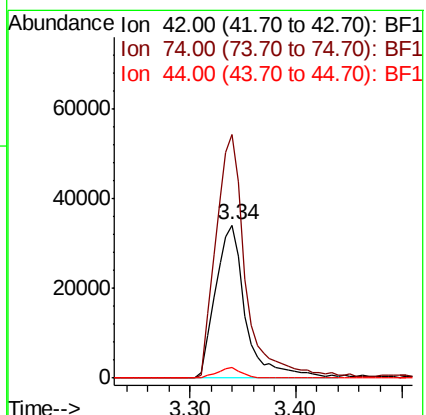
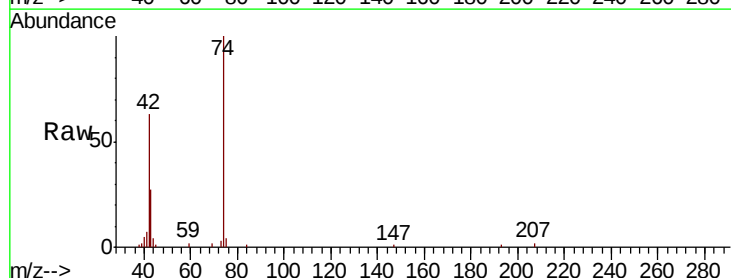
Tgt Ion: 42 Resp: 68181

Ion Ratio Lower Upper

42 100

74 159.0 127.1 190.7

44 6.7 4.3 6.5#





#5

2-Fluorophenol

Concen: 124.704 ng

RT: 5.46 min Scan# 574

Delta R.T. 0.02 min

Lab File: BF117121.D

Acq: 17 Sep 2019 21:44

Instrument :

BNA\_F

ClientSampleId :

HD-02-091319MSD

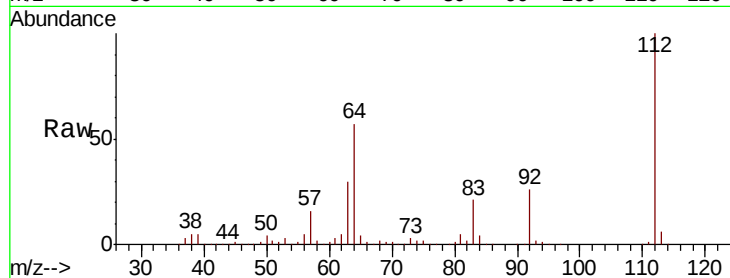
Tot Ion: 112 Resp: 501143

Ion Ratio Lower Upper

112 100

64 56.9 45.7 68.5

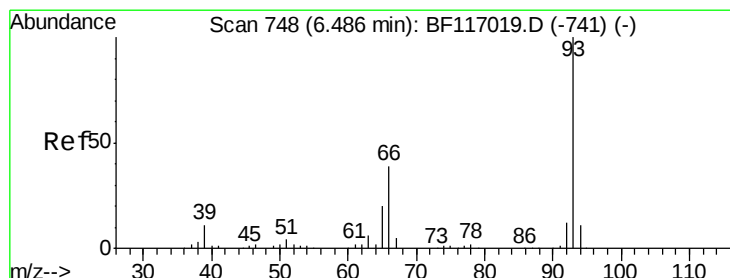
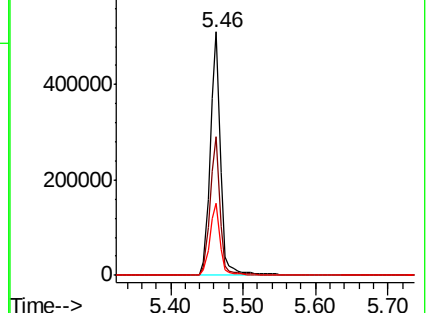
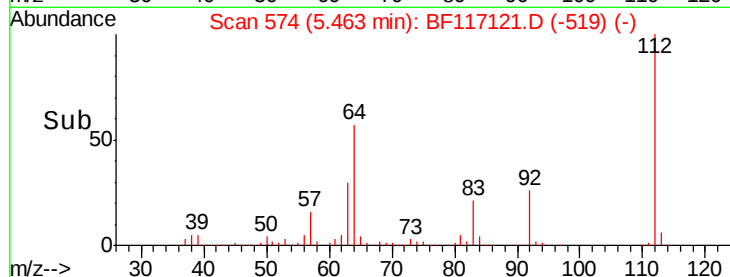
63 29.5 24.9 37.3



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 11.331 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.01 min

Lab File: BF117121.D

Acq: 17 Sep 2019 21:44

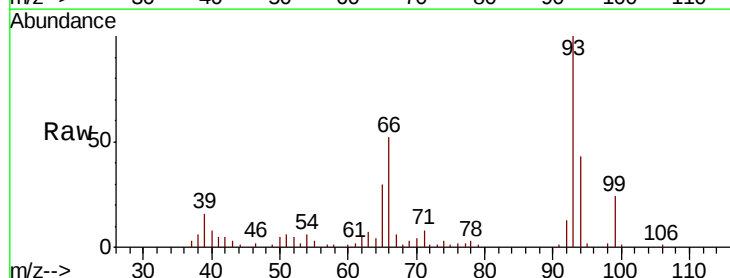
Tgt Ion: 93 Resp: 75767

Ion Ratio Lower Upper

93 100

66 51.5 32.6 49.0#

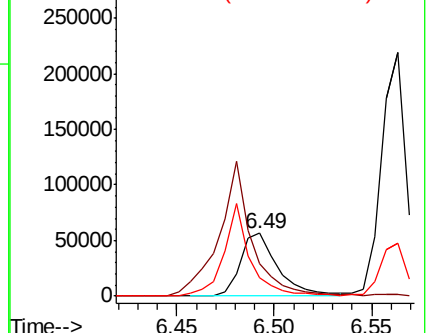
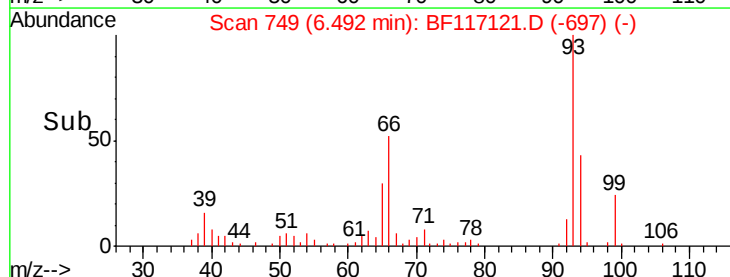
65 29.6 16.7 25.1#

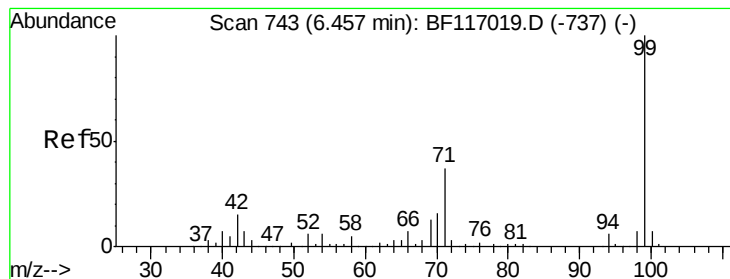


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 120.656 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.01 min

Lab File: BF117121.D

Acq: 17 Sep 2019 21:44

Instrument :

BNA\_F

ClientSampleId :

HD-02-091319MSD

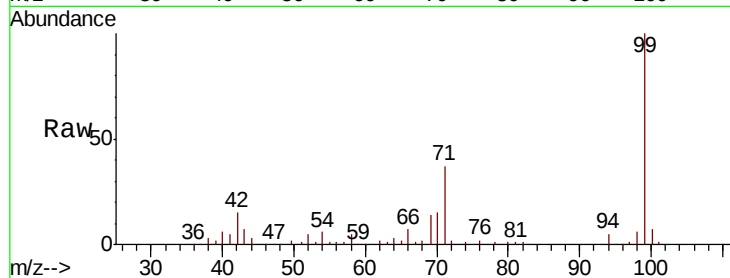
Tot Ion: 99 Resp: 626633

Ion Ratio Lower Upper

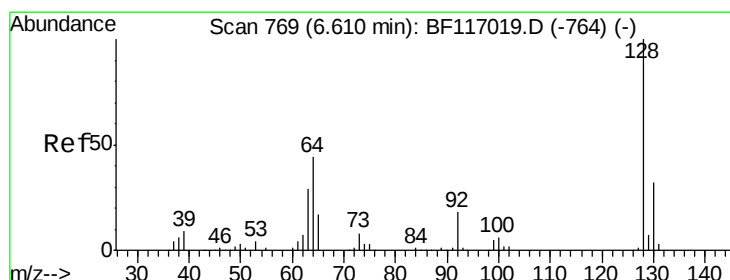
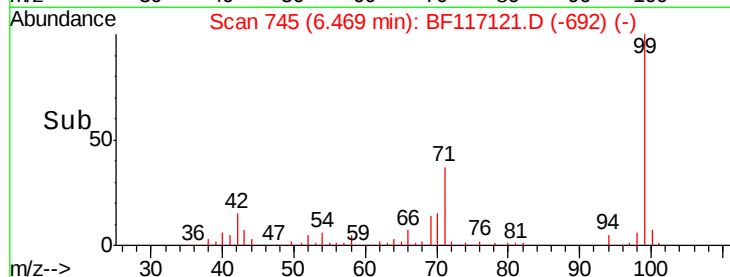
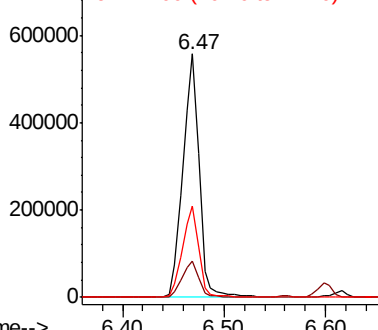
99 100

42 15.0 12.2 18.2

71 37.3 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



#8

2-Chlorophenol

Concen: 46.218 ng

RT: 6.62 min Scan# 770

Delta R.T. 0.01 min

Lab File: BF117121.D

Acq: 17 Sep 2019 21:44

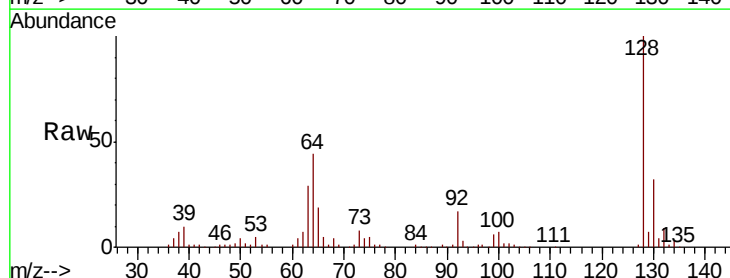
Tgt Ion: 128 Resp: 200369

Ion Ratio Lower Upper

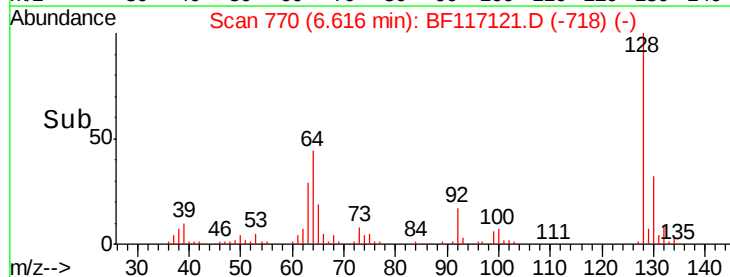
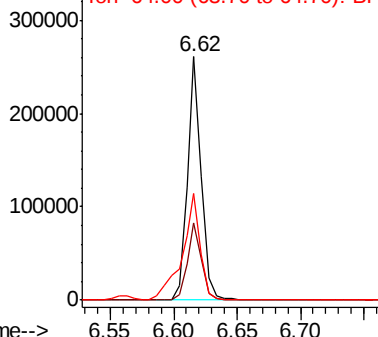
128 100

130 31.6 11.8 51.8

64 43.7 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





#9

Benzaldehyde

Concen: 12.219 ng

RT: 6.37 min Scan# 729

Delta R.T. 0.00 min

Lab File: BF117121.D

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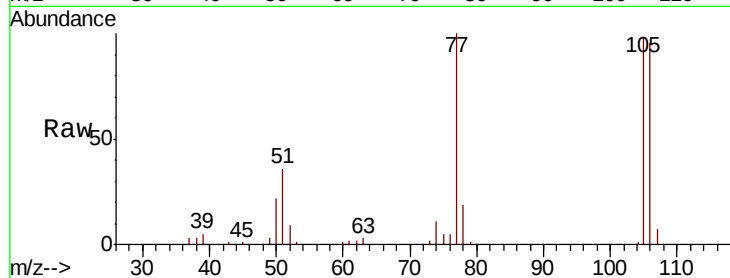
Tot Ion: 77 Resp: 48720

Ion Ratio Lower Upper

77 100

105 98.0 81.8 121.8

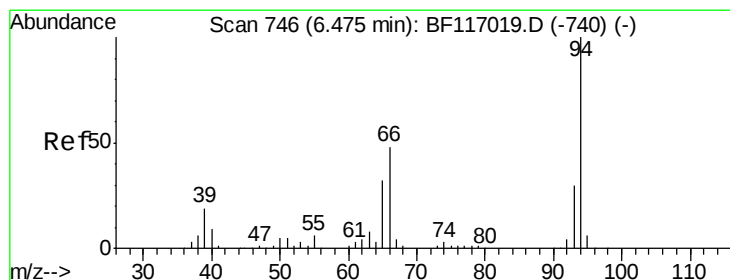
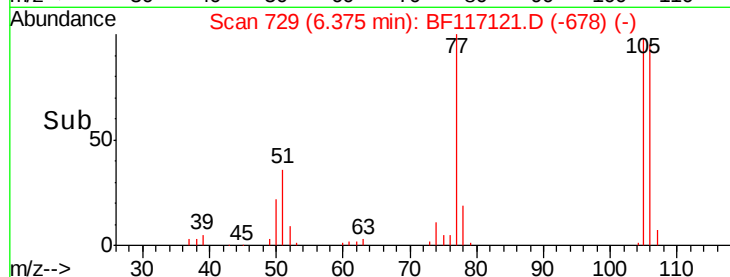
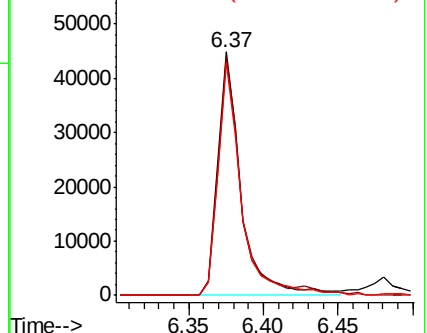
106 95.3 77.3 117.3



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: 38.185 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.01 min

Lab File: BF117121.D

Acq: 17 Sep 2019 21:44

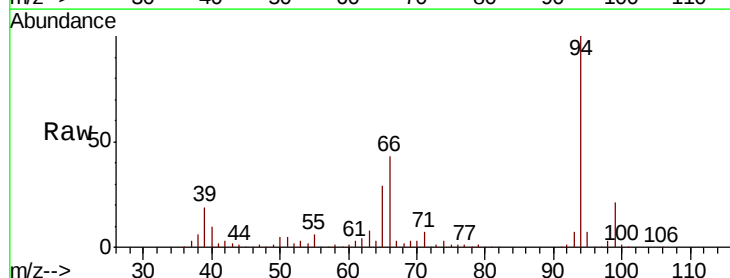
Tgt Ion: 94 Resp: 218628

Ion Ratio Lower Upper

94 100

65 29.3 12.5 52.5

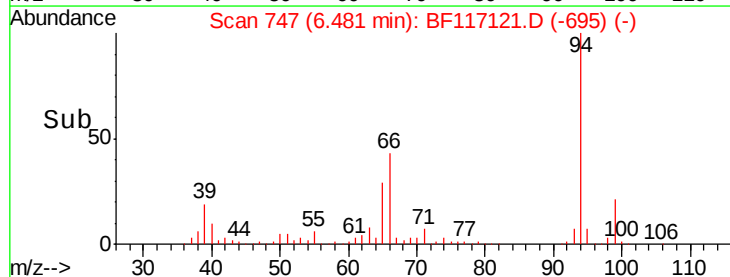
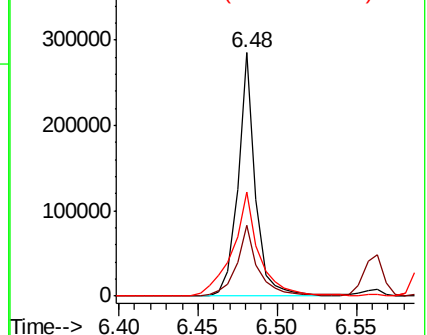
66 42.7 28.9 68.9



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

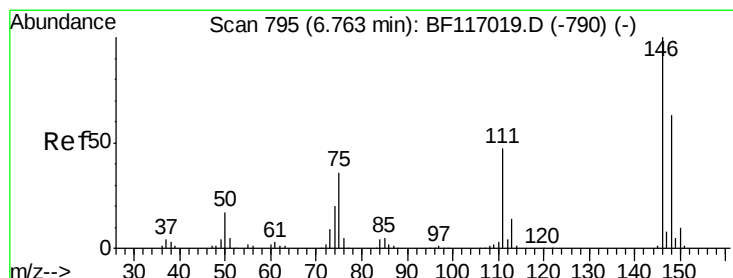
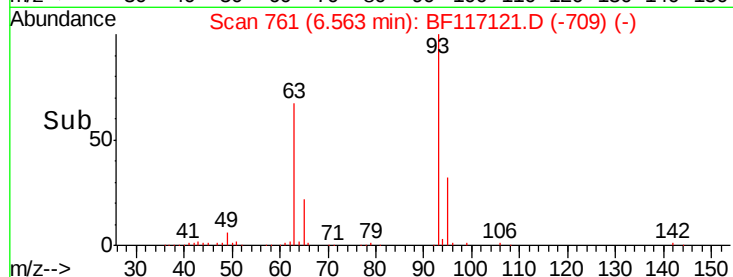
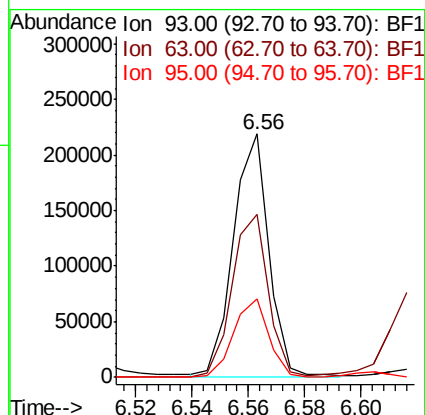
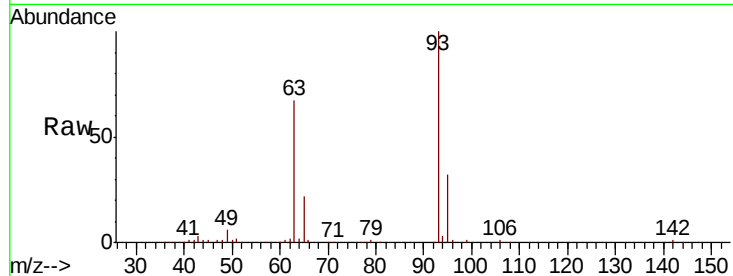




#11  
bis(2-Chloroethyl)ether  
Concen: 45.522 ng  
RT: 6.56 min Scan# 761  
Delta R.T. 0.01 min  
Lab File: BF117121.D  
Acq: 17 Sep 2019 21:44

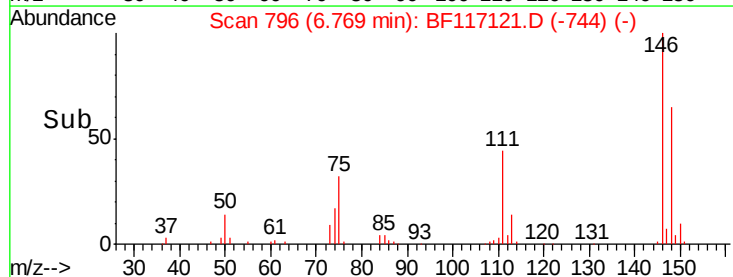
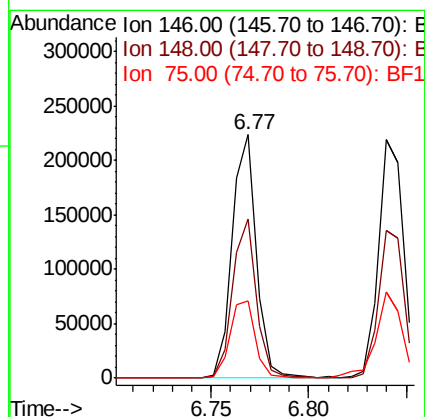
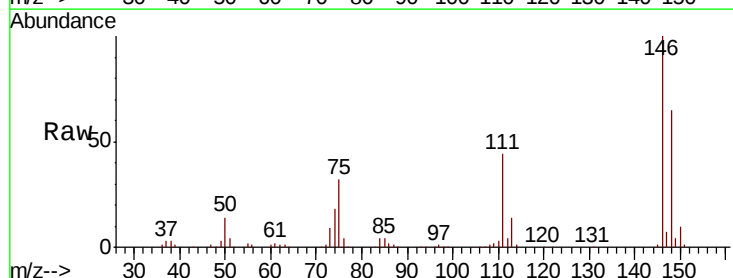
Instrument :  
BNA\_F  
ClientSampleId :  
HD-02-091319MSD

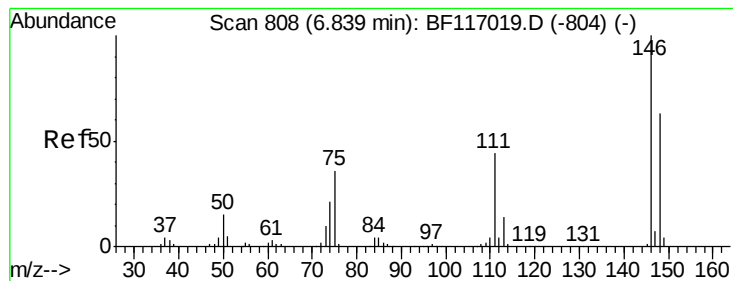
Tot Ion: 93 Resp: 191554  
Ion Ratio Lower Upper  
93 100  
63 66.7 49.3 89.3  
95 32.4 11.5 51.5



#12  
1,3-Dichlorobenzene  
Concen: 39.753 ng  
RT: 6.77 min Scan# 796  
Delta R.T. 0.01 min  
Lab File: BF117121.D  
Acq: 17 Sep 2019 21:44

Tgt Ion: 146 Resp: 193389  
Ion Ratio Lower Upper  
146 100  
148 65.5 50.8 76.2  
75 32.0 28.7 43.1





#13

1,4-Dichlorobenzene

Concen: 40.825 ng

RT: 6.84 min Scan# 808

Delta R.T. 0.00 min

Lab File: BF117121.D

Acq: 17 Sep 2019 21:44

Instrument :

BNA\_F

ClientSampleId :

HD-02-091319MSD

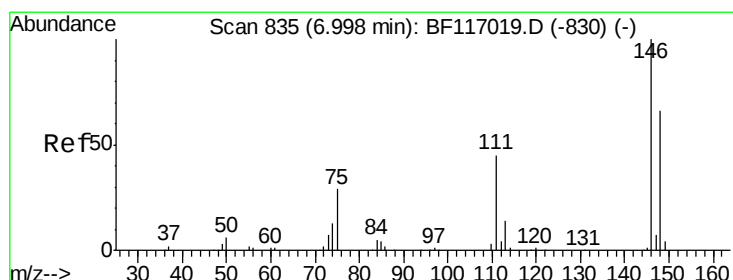
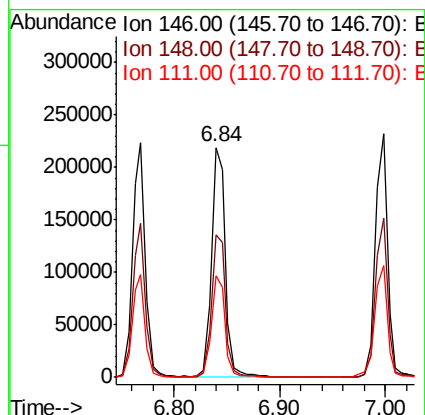
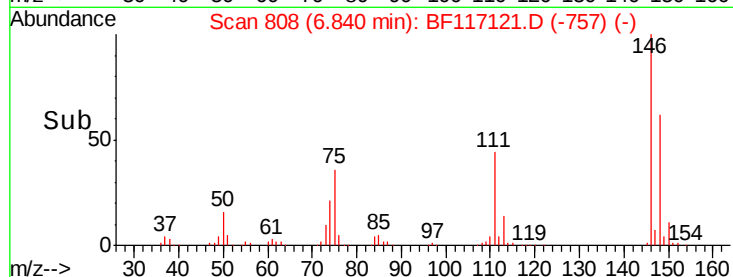
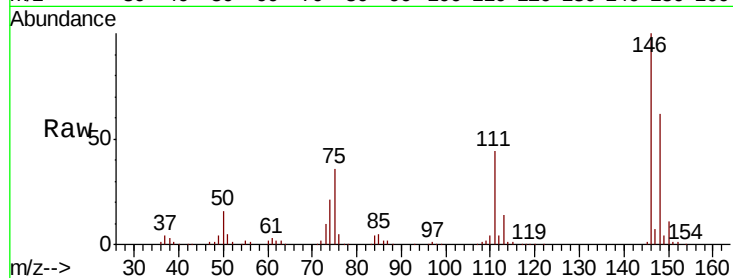
Tot Ion:146 Resp: 202682

Ion Ratio Lower Upper

146 100

148 62.0 50.6 76.0

111 44.2 35.0 52.6



#14

1,2-Dichlorobenzene

Concen: 40.590 ng

RT: 7.00 min Scan# 835

Delta R.T. 0.00 min

Lab File: BF117121.D

Acq: 17 Sep 2019 21:44

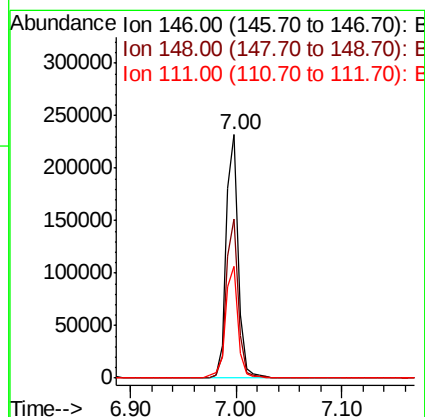
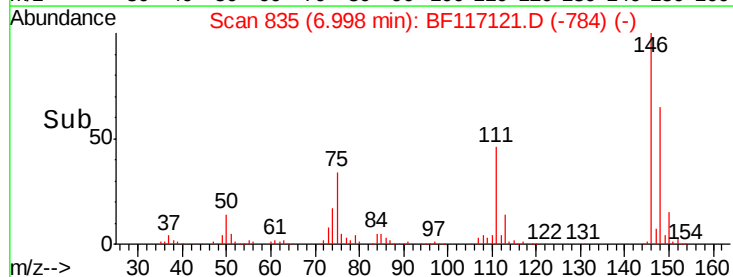
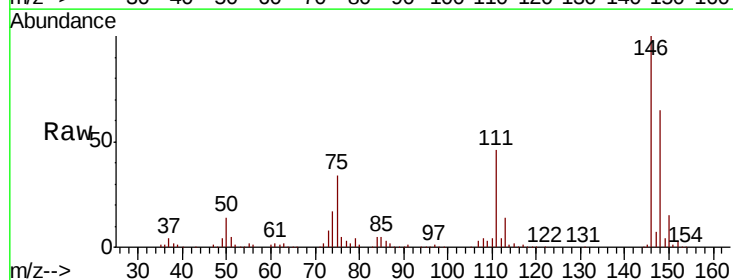
Tgt Ion:146 Resp: 187619

Ion Ratio Lower Upper

146 100

148 65.3 52.6 78.8

111 46.0 36.2 54.2





#15

Benzyl Alcohol

Concen: 47.071 ng

RT: 6.97 min Scan# 830

Delta R.T. 0.01 min

Lab File: BF117121.D

Acq: 17 Sep 2019 21:44

Instrument :

BNA\_F

ClientSampleId :

HD-02-091319MSD

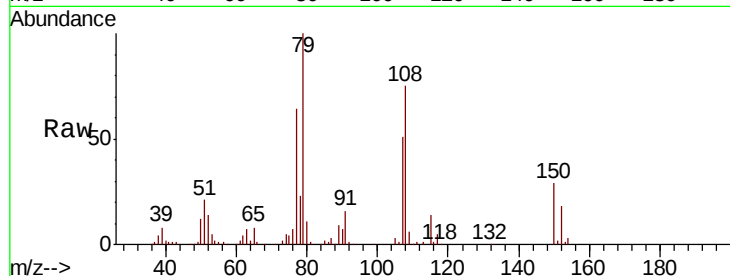
Tot Ion: 79 Resp: 187467

Ion Ratio Lower Upper

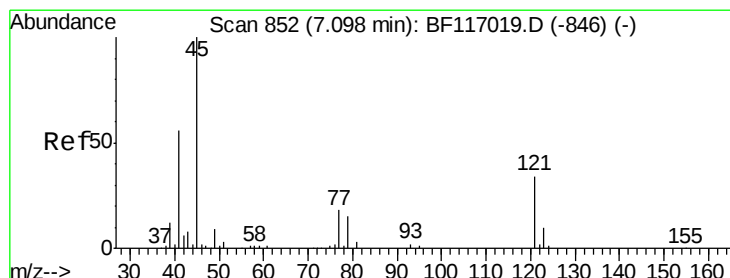
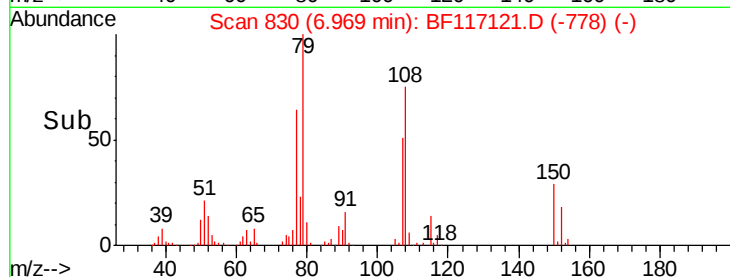
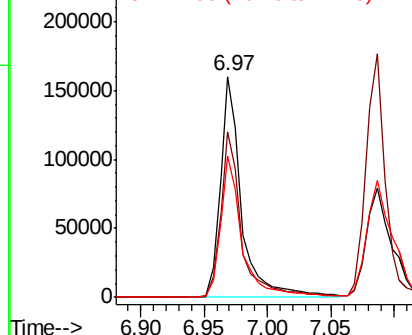
79 100

108 74.9 59.4 89.0

77 64.1 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: 42.304 ng

RT: 7.10 min Scan# 852

Delta R.T. 0.00 min

Lab File: BF117121.D

Acq: 17 Sep 2019 21:44

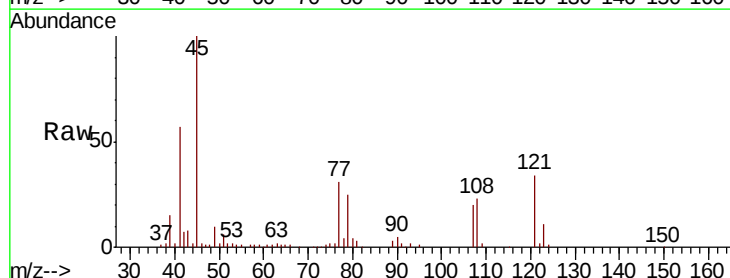
Tgt Ion: 45 Resp: 175873

Ion Ratio Lower Upper

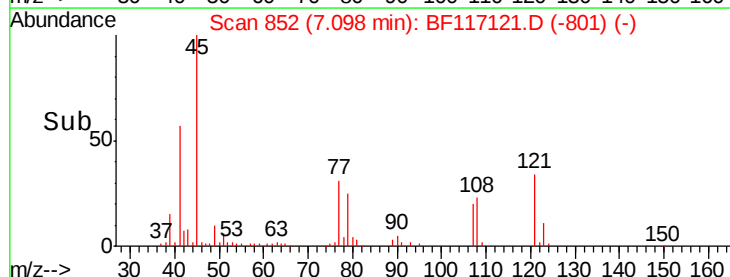
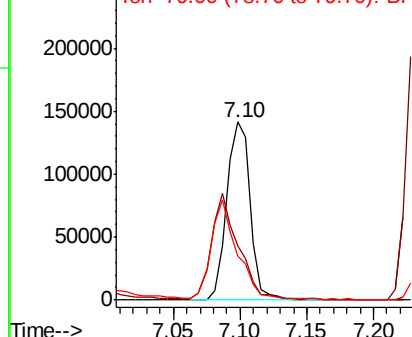
45 100

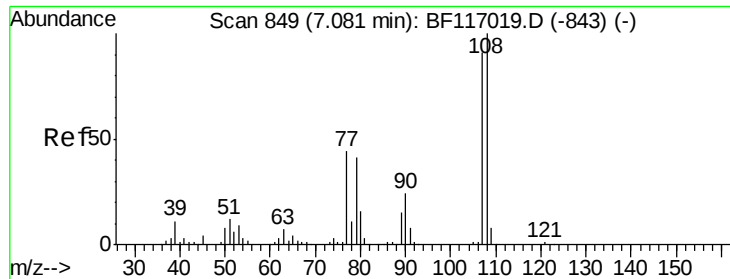
77 30.7 2.7 42.7

79 24.6 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

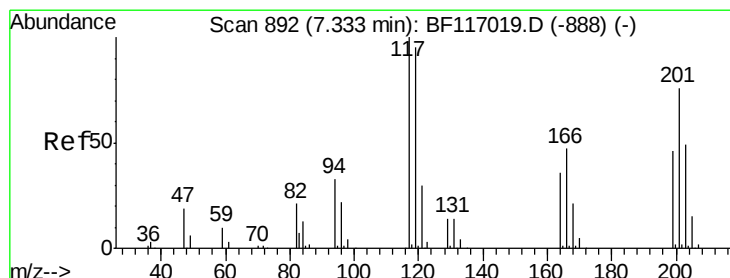
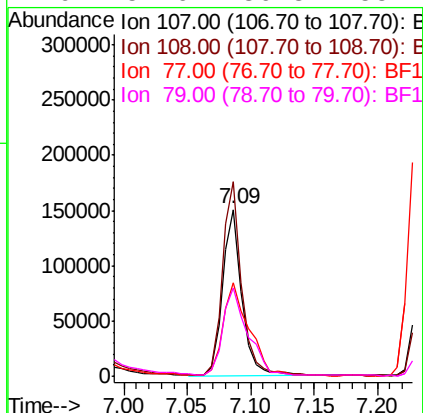
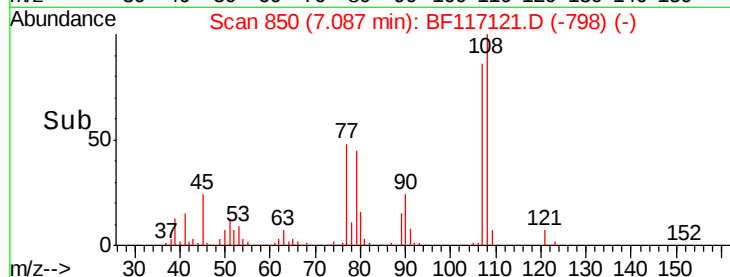
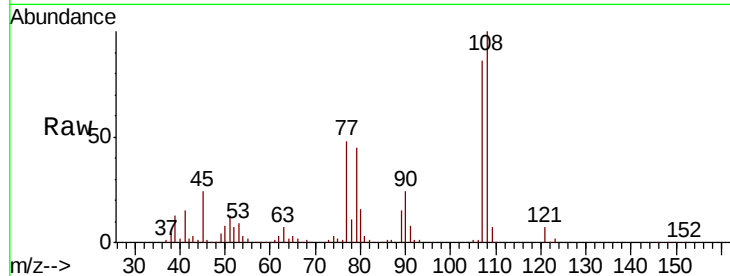




#17  
2-Methylphenol  
Concen: 43.879 ng  
RT: 7.09 min Scan# 850  
Delta R.T. 0.01 min  
Lab File: BF117121.D  
Acq: 17 Sep 2019 21:44

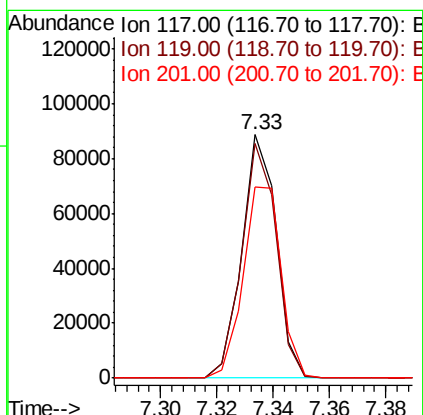
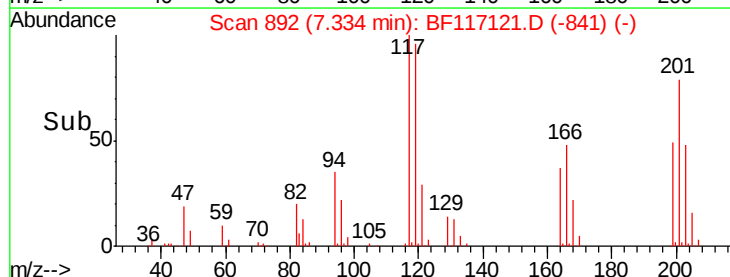
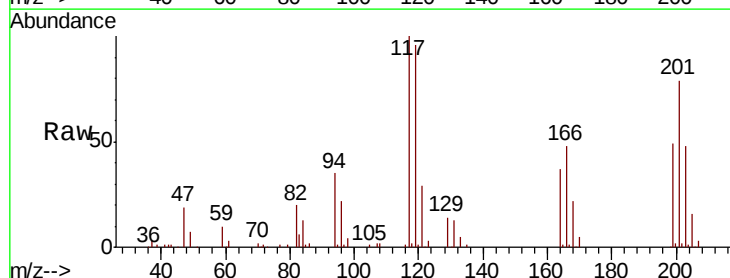
Instrument :  
BNA\_F  
ClientSampleId :  
HD-02-091319MSD

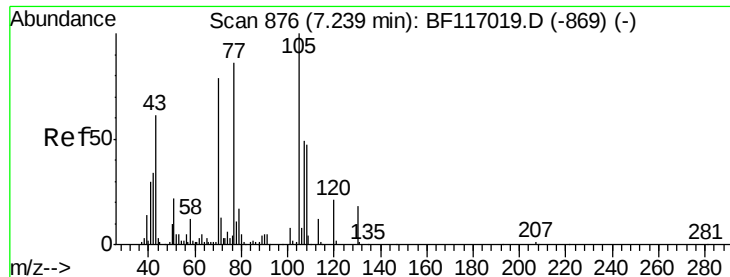
Tot Ion:107 Resp: 159430  
Ion Ratio Lower Upper  
107 100  
108 117.0 87.7 131.5  
77 56.1 38.6 58.0  
79 52.6 36.8 55.2



#18  
Hexachloroethane  
Concen: 39.429 ng  
RT: 7.33 min Scan# 892  
Delta R.T. 0.00 min  
Lab File: BF117121.D  
Acq: 17 Sep 2019 21:44

Tgt Ion:117 Resp: 75306  
Ion Ratio Lower Upper  
117 100  
119 96.5 75.8 113.8  
201 78.5 60.9 91.3

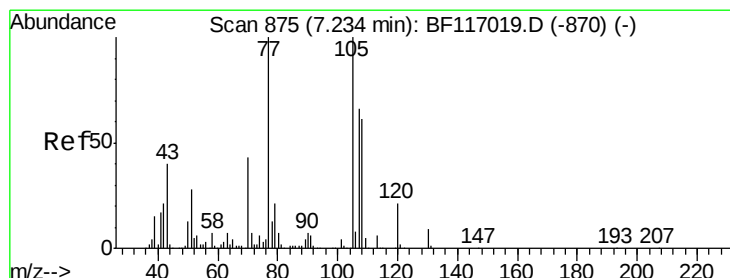
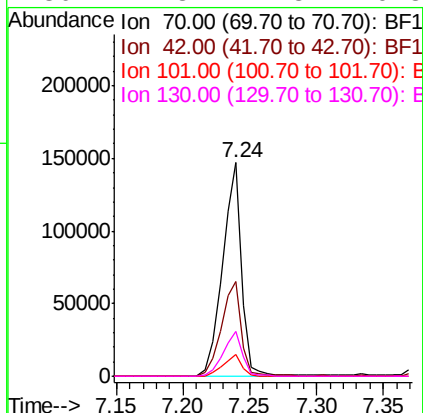
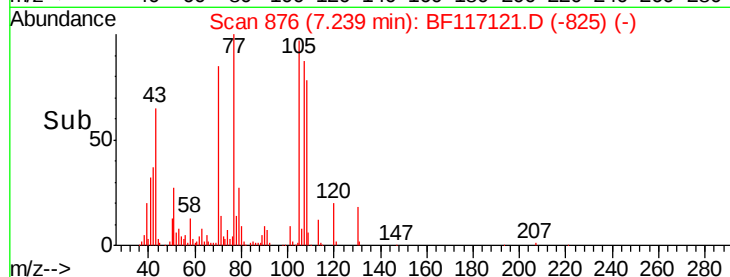
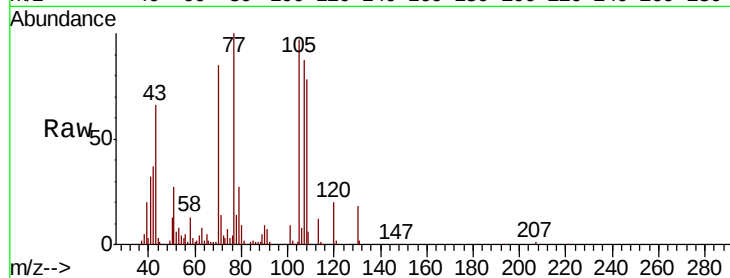




#19  
n-Nitroso-di-n-propylamine  
Concen: 46.776 ng  
RT: 7.24 min Scan# 876  
Delta R.T. 0.00 min  
Lab File: BF117121.D  
Acq: 17 Sep 2019 21:44

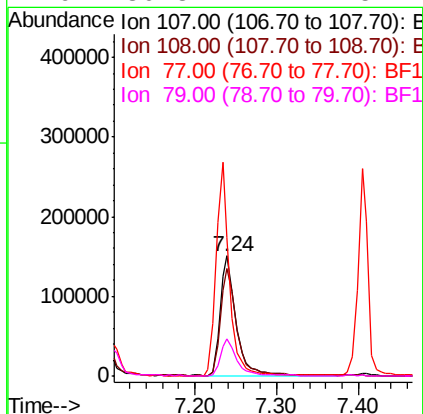
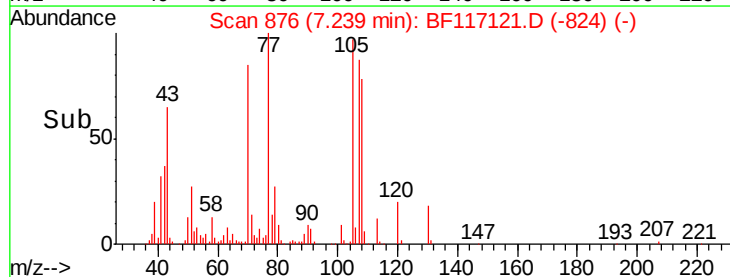
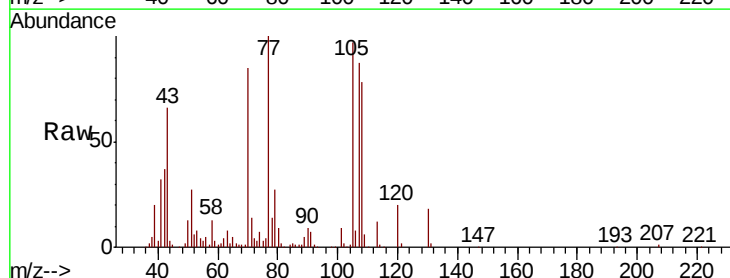
Instrument :  
BNA\_F  
ClientSampleId :  
HD-02-091319MSD

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 70    | Resp: | 147927 |
| Ion      | Ratio | Lower | Upper  |
| 70       | 100   |       |        |
| 42       | 44.1  | 34.0  | 51.0   |
| 101      | 10.2  | 7.8   | 11.6   |
| 130      | 21.3  | 17.8  | 26.8   |



#20  
3+4-Methylphenols  
Concen: 45.444 ng  
RT: 7.24 min Scan# 876  
Delta R.T. 0.01 min  
Lab File: BF117121.D  
Acq: 17 Sep 2019 21:44

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 205668 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 89.8  | 72.6  | 112.6  |
| 77       | 114.8 | 132.1 | 172.1# |
| 79       | 30.8  | 12.1  | 52.1   |

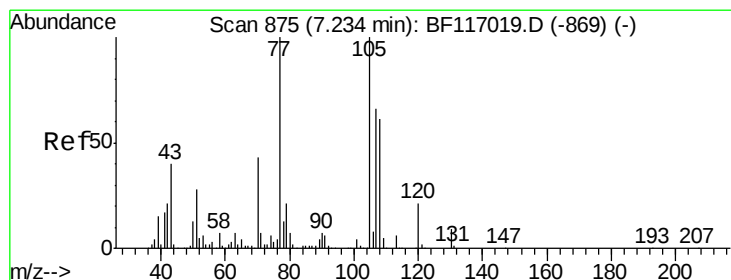
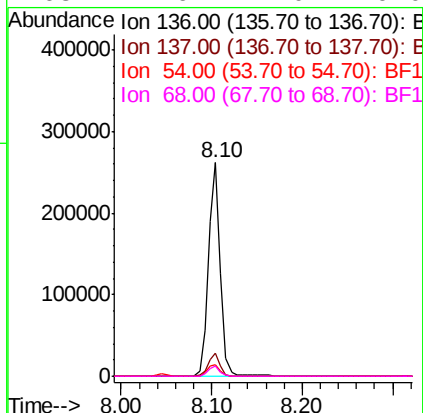
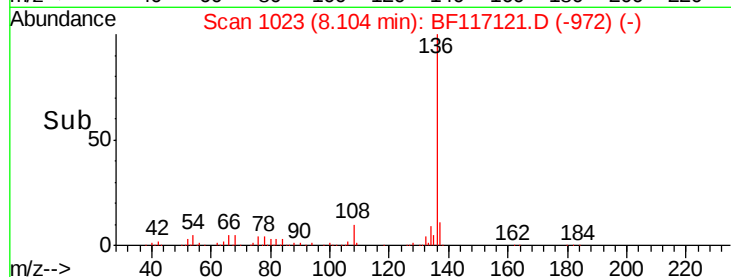
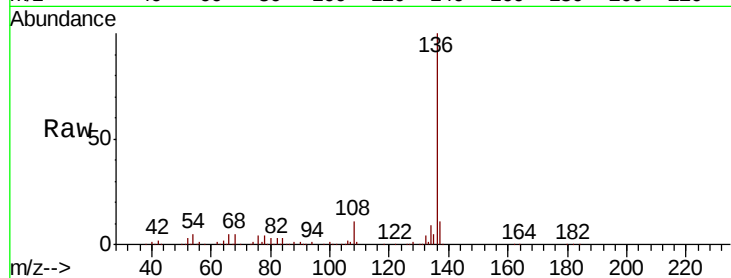




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.10 min Scan# 1023  
Delta R.T. 0.00 min  
Lab File: BF117121.D  
Acq: 17 Sep 2019 21:44

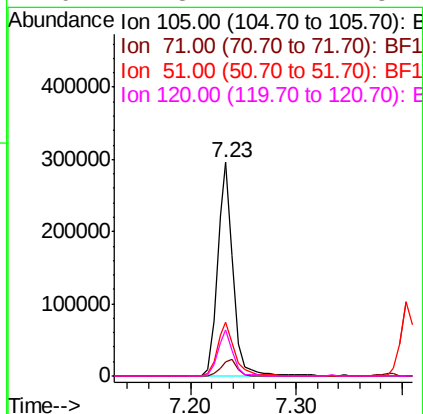
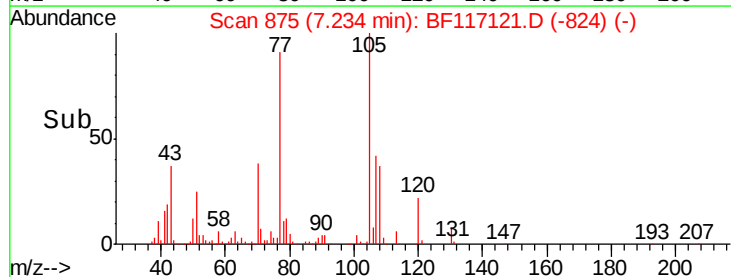
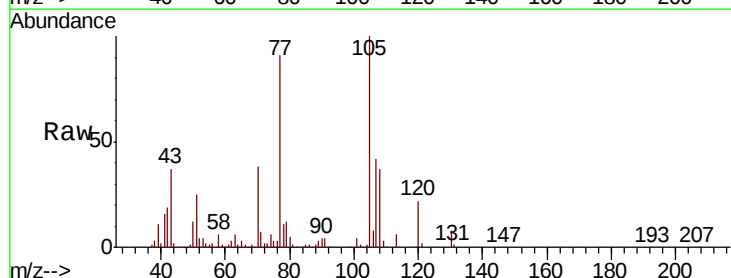
Instrument :  
BNA\_F  
ClientSampleId :  
HD-02-091319MSD

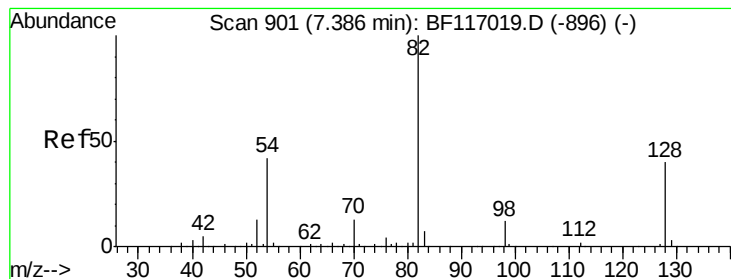
|             |       |          |
|-------------|-------|----------|
| Tot Ion:136 | Resp: | 240454   |
| Ion Ratio   | Lower | Upper    |
| 136         | 100   |          |
| 137         | 10.9  | 9.0 13.4 |
| 54          | 5.3   | 4.5 6.7  |
| 68          | 4.6   | 4.0 6.0  |



#22  
Acetophenone  
Concen: 49.819 ng  
RT: 7.23 min Scan# 875  
Delta R.T. 0.00 min  
Lab File: BF117121.D  
Acq: 17 Sep 2019 21:44

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:105 | Resp: | 304352    |
| Ion Ratio   | Lower | Upper     |
| 105         | 100   |           |
| 71          | 6.6   | 5.7 8.5   |
| 51          | 25.4  | 22.1 33.1 |
| 120         | 21.8  | 17.1 25.7 |





#23

Nitrobenzene-d5

Concen: 101.307 ng

RT: 7.39 min Scan# 901

Delta R.T. 0.00 min

Lab File: BF117121.D

Acq: 17 Sep 2019 21:44

Instrument :

BNA\_F

ClientSampleId :

HD-02-091319MSD

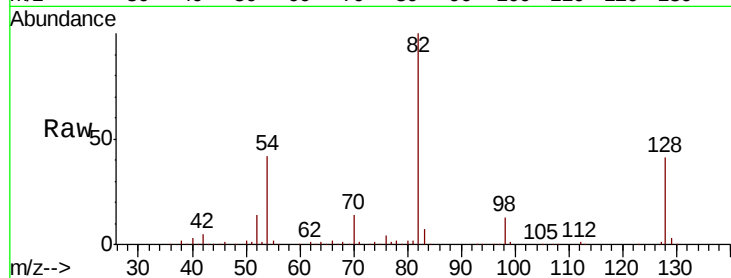
Tot Ion: 82 Resp: 463621

Ion Ratio Lower Upper

82 100

128 40.7 32.3 48.5

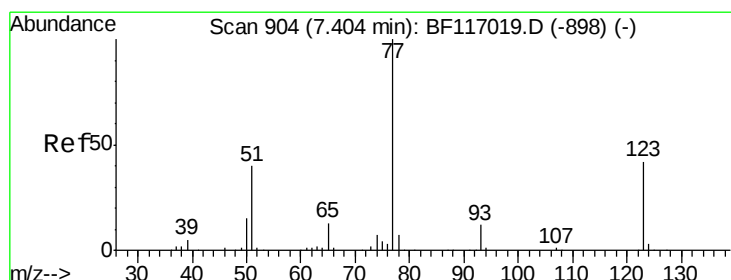
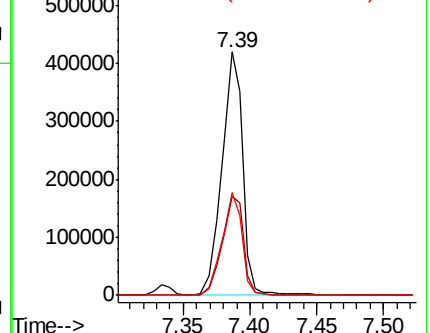
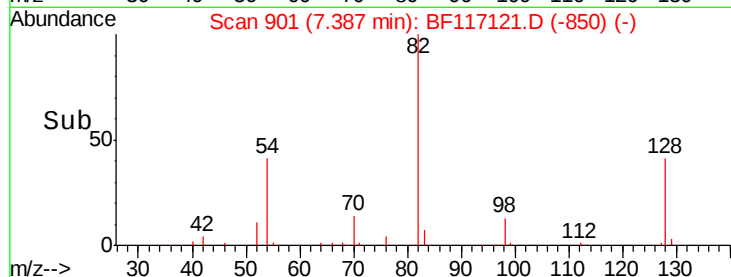
54 42.1 33.3 49.9



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#24

Nitrobenzene

Concen: 49.370 ng

RT: 7.40 min Scan# 904

Delta R.T. 0.00 min

Lab File: BF117121.D

Acq: 17 Sep 2019 21:44

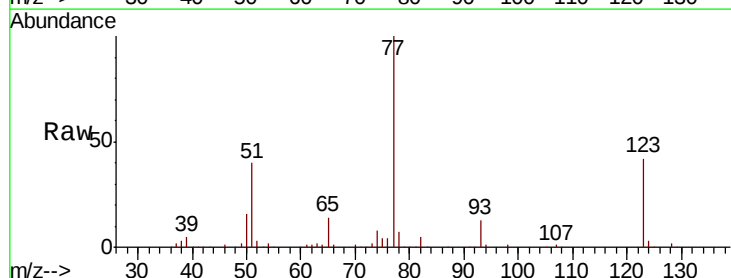
Tgt Ion: 77 Resp: 223122

Ion Ratio Lower Upper

77 100

123 41.6 33.5 50.3

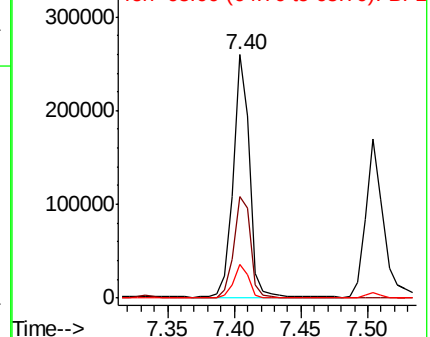
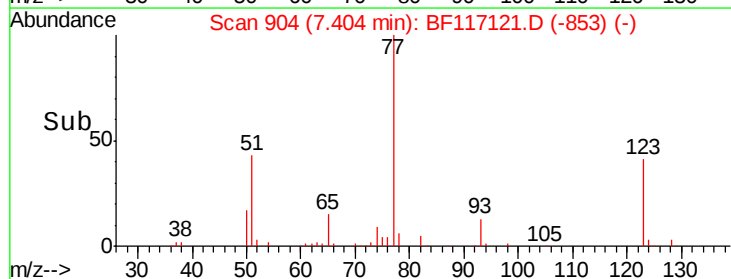
65 13.7 10.5 15.7

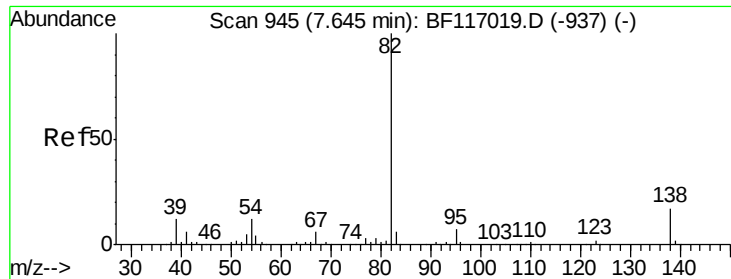


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 50.347 ng

RT: 7.65 min Scan# 945

Delta R.T. 0.00 min

Lab File: BF117121.D

Acq: 17 Sep 2019 21:44

Instrument :

BNA\_F

ClientSampleId :

HD-02-091319MSD

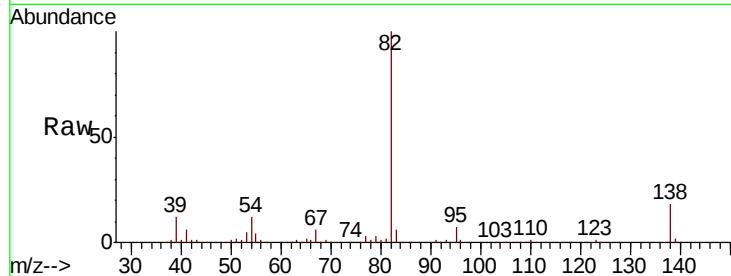
Tot Ion: 82 Resp: 407957

Ion Ratio Lower Upper

82 100

95 7.3 5.8 8.6

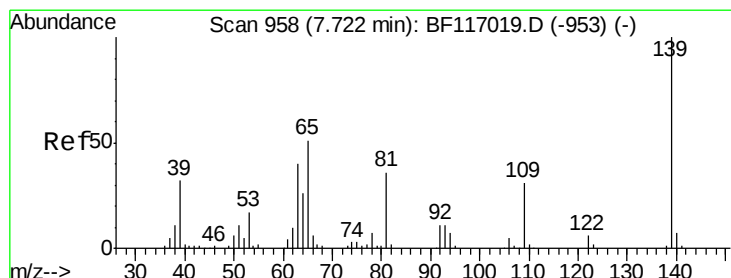
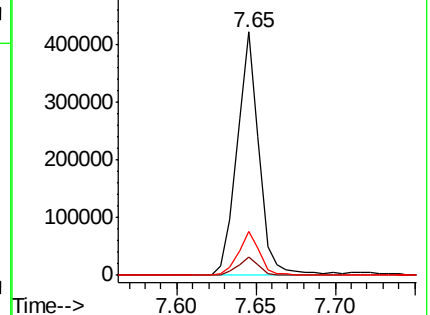
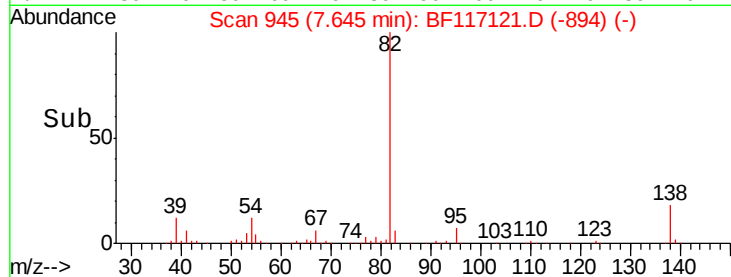
138 17.8 13.5 20.3



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 53.783 ng

RT: 7.72 min Scan# 958

Delta R.T. 0.00 min

Lab File: BF117121.D

Acq: 17 Sep 2019 21:44

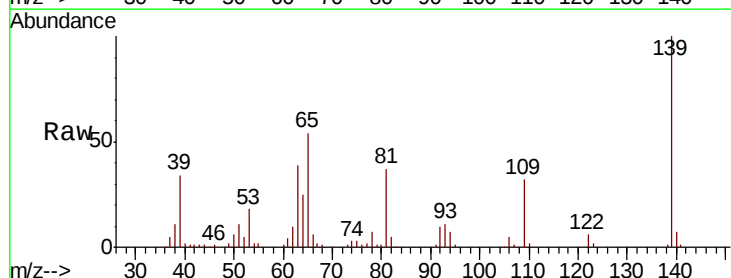
Tgt Ion: 139 Resp: 104404

Ion Ratio Lower Upper

139 100

109 31.9 24.6 36.8

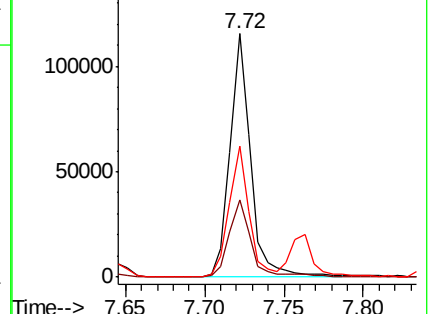
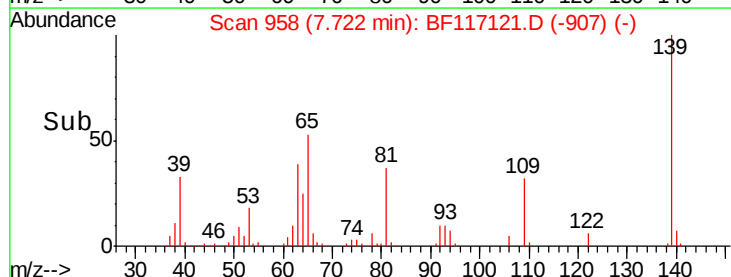
65 53.9 40.9 61.3



Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 57.387 ng

RT: 7.76 min Scan# 965

Delta R.T. 0.01 min

Lab File: BF117121.D

Acq: 17 Sep 2019 21:44

Instrument :

BNA\_F

ClientSampleId :

HD-02-091319MSD

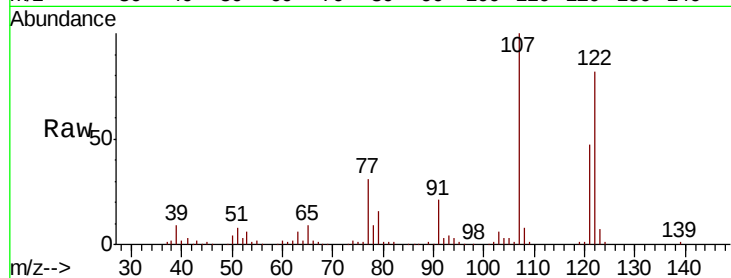
Tot Ion:122 Resp: 176659

Ion Ratio Lower Upper

122 100

107 121.5 98.9 148.3

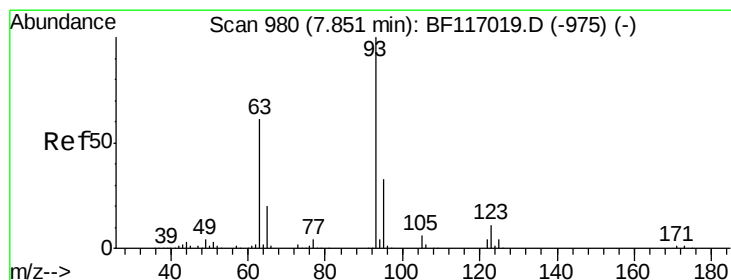
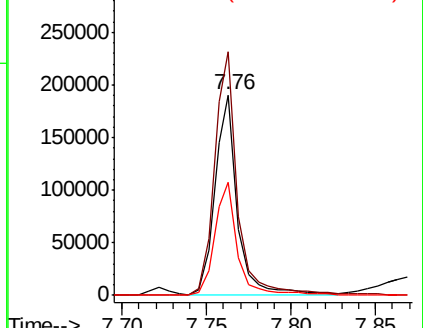
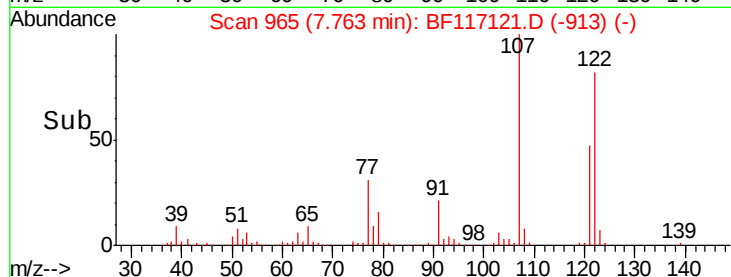
121 56.6 45.3 67.9



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: 49.725 ng

RT: 7.85 min Scan# 980

Delta R.T. 0.00 min

Lab File: BF117121.D

Acq: 17 Sep 2019 21:44

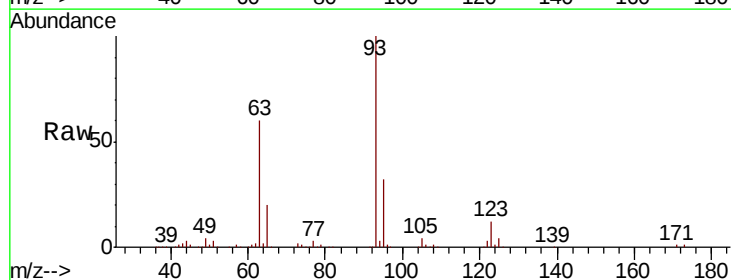
Tgt Ion: 93 Resp: 248239

Ion Ratio Lower Upper

93 100

95 32.2 26.2 39.4

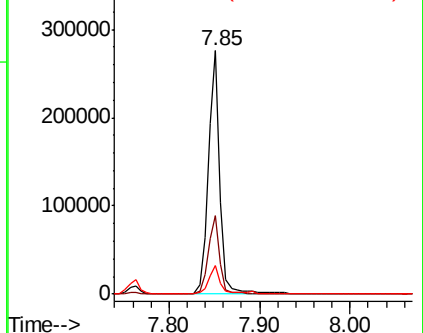
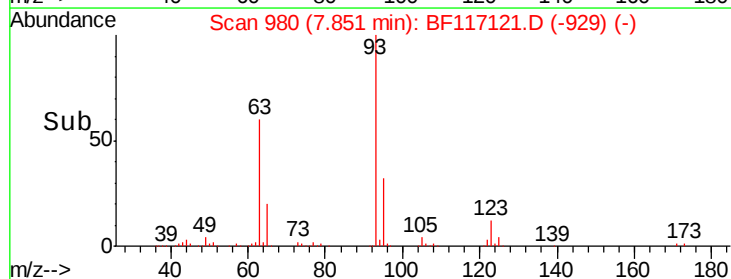
123 11.6 9.0 13.6

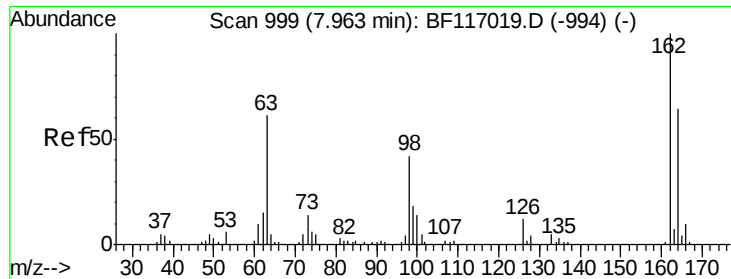


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

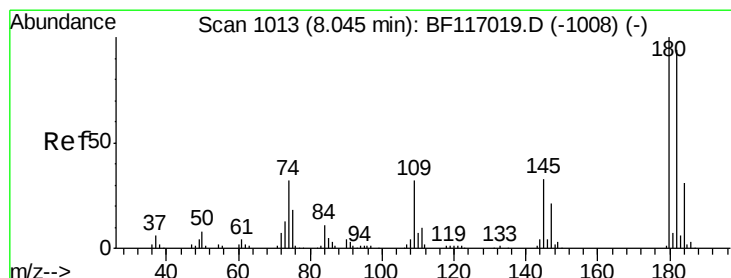
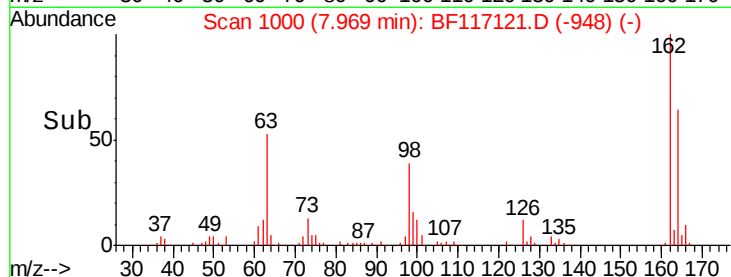
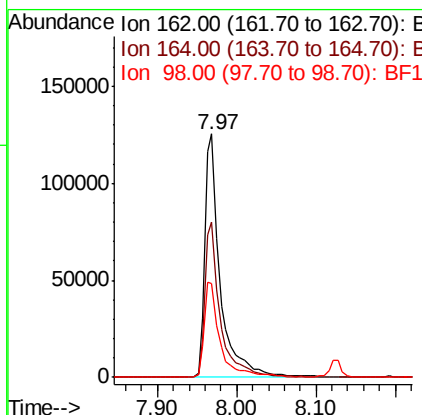
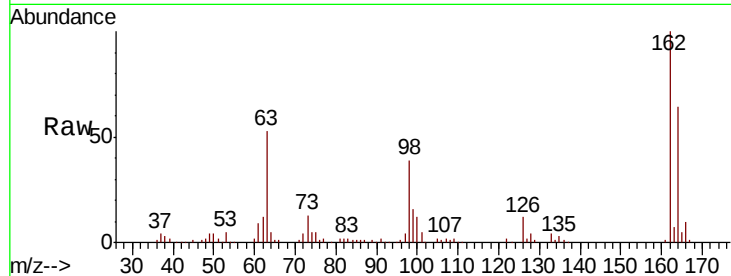




#29  
 2,4-Dichlorophenol  
 Concen: 53.223 ng  
 RT: 7.97 min Scan# 1000  
 Delta R.T. 0.01 min  
 Lab File: BF117121.D  
 Acq: 17 Sep 2019 21:44

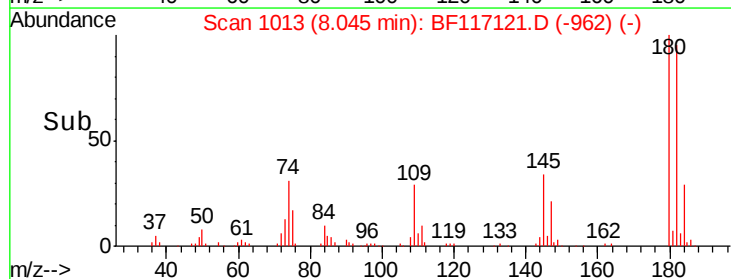
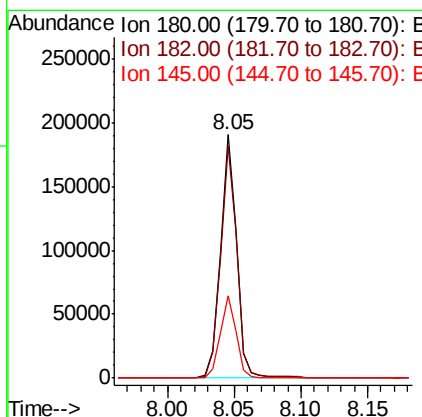
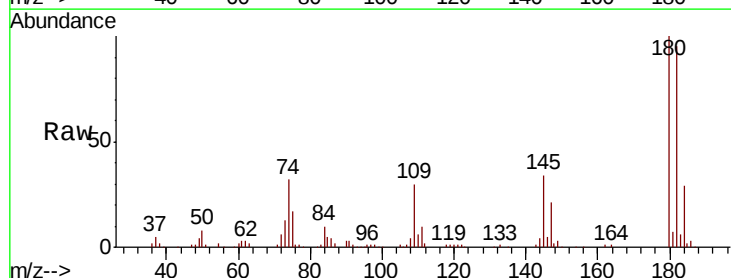
Instrument :  
 BNA\_F  
 ClientSampleId :  
 HD-02-091319MSD

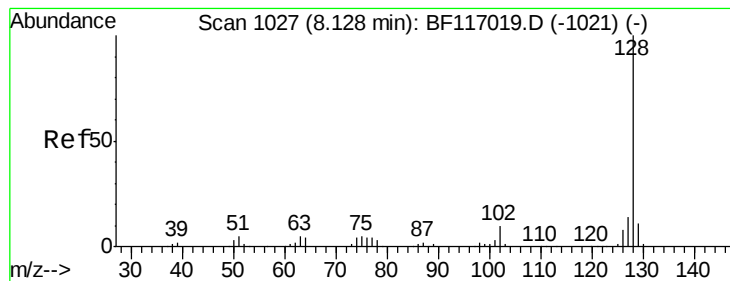
Tot Ion:162 Resp: 171674  
 Ion Ratio Lower Upper  
 162 100  
 164 63.9 43.8 83.8  
 98 38.6 22.1 62.1



#30  
 1,2,4-Trichlorobenzene  
 Concen: 46.962 ng  
 RT: 8.05 min Scan# 1013  
 Delta R.T. 0.00 min  
 Lab File: BF117121.D  
 Acq: 17 Sep 2019 21:44

Tgt Ion:180 Resp: 163655  
 Ion Ratio Lower Upper  
 180 100  
 182 95.3 75.4 113.0  
 145 33.6 26.7 40.1





#31

Naphthalene

Concen: 49.955 ng

RT: 8.13 min Scan# 1027

Delta R.T. 0.00 min

Lab File: BF117121.D

Acq: 17 Sep 2019 21:44

Instrument :

BNA\_F

ClientSampleId :

HD-02-091319MSD

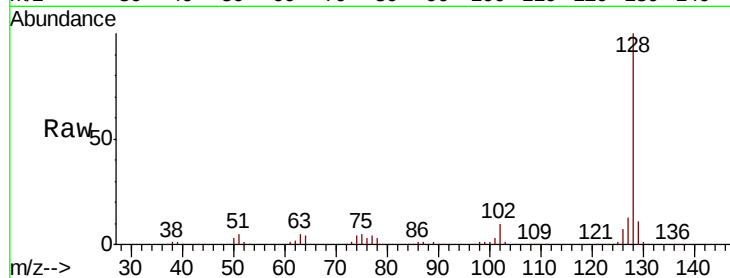
Tot Ion:128 Resp: 577692

Ion Ratio Lower Upper

128 100

129 10.5 9.0 13.4

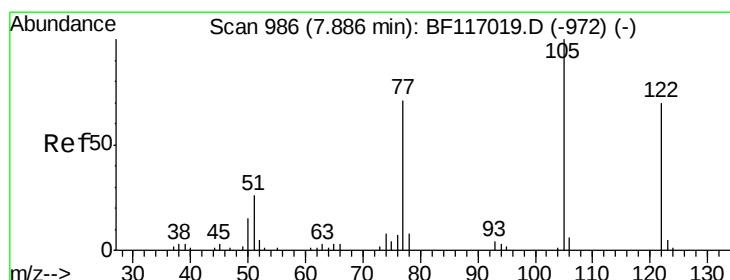
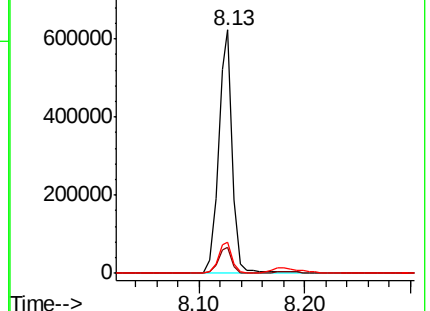
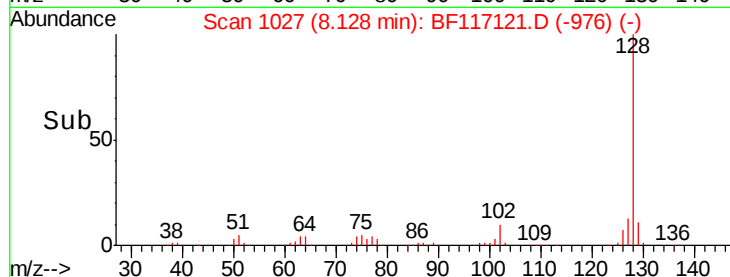
127 12.9 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 31.658 ng

RT: 7.89 min Scan# 987

Delta R.T. 0.01 min

Lab File: BF117121.D

Acq: 17 Sep 2019 21:44

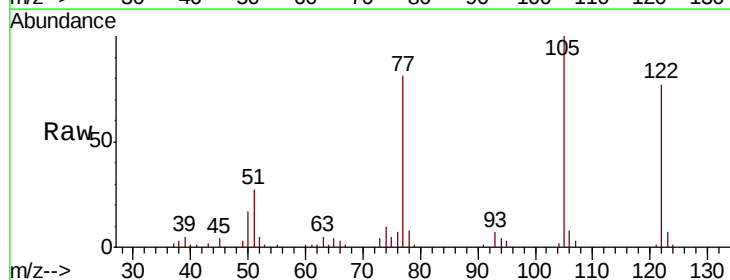
Tgt Ion:122 Resp: 67538

Ion Ratio Lower Upper

122 100

105 129.9 114.8 154.8

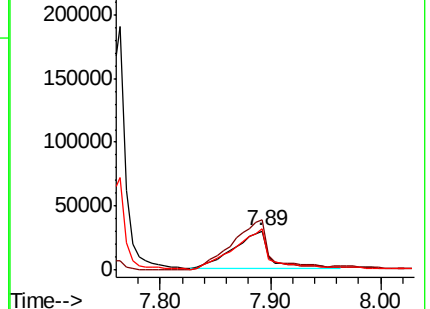
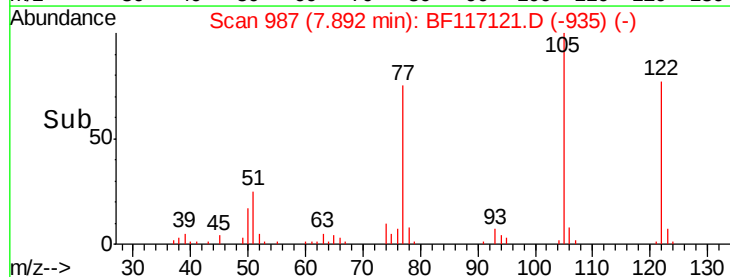
77 104.6 78.7 118.7

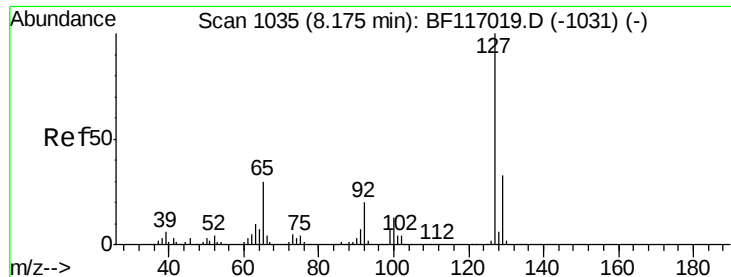


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

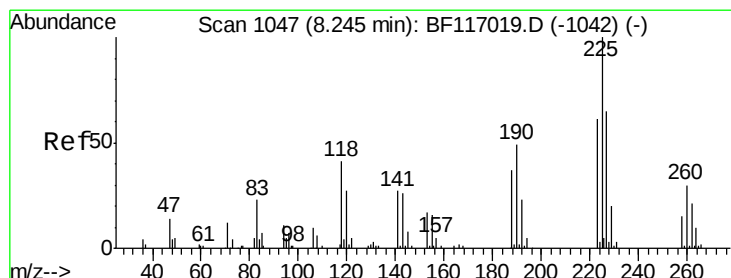
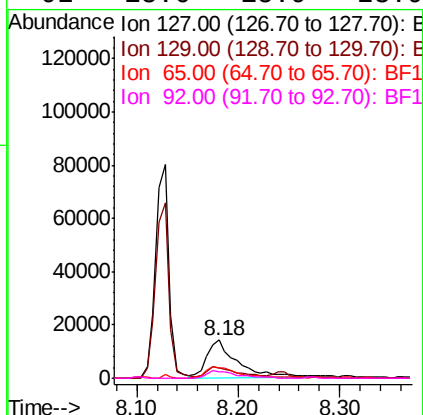
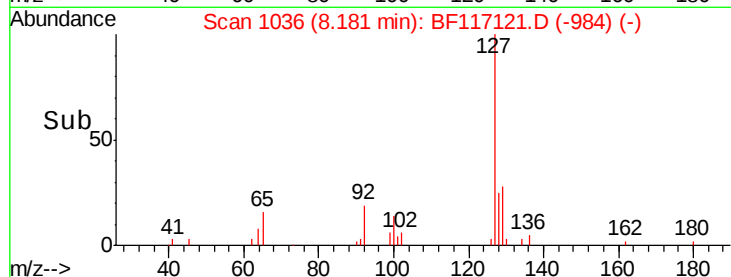
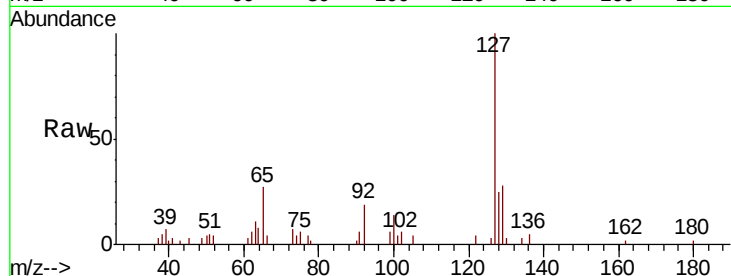




#33  
4-Chloroaniline  
Concen: 5.684 ng  
RT: 8.18 min Scan# 1036  
Delta R.T. 0.01 min  
Lab File: BF117121.D  
Acq: 17 Sep 2019 21:44

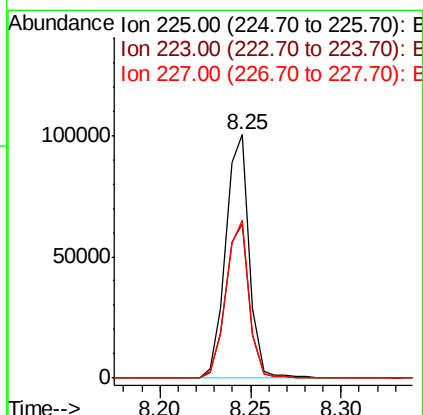
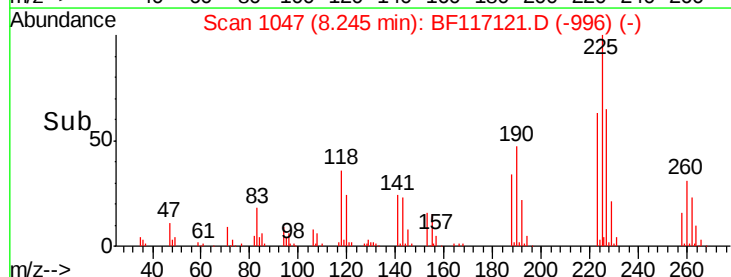
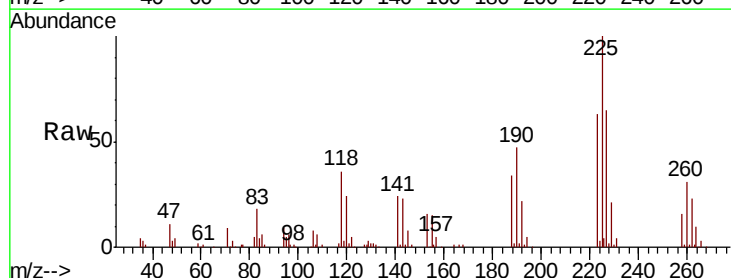
Instrument :  
BNA\_F  
ClientSampleId :  
HD-02-091319MSD

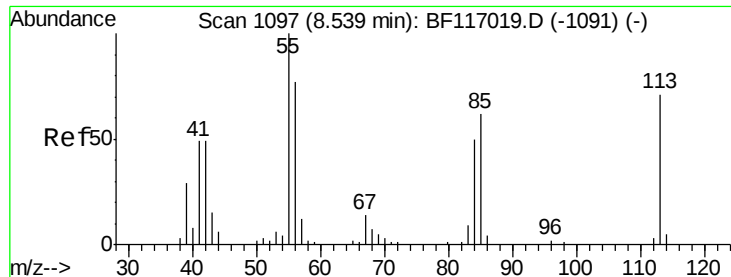
|             |       |           |
|-------------|-------|-----------|
| Tot Ion:127 | Resp: | 29152     |
| Ion Ratio   | Lower | Upper     |
| 127         | 100   |           |
| 129         | 28.5  | 26.2 39.2 |
| 65          | 27.4  | 23.5 35.3 |
| 92          | 18.6  | 15.9 23.9 |



#34  
Hexachlorobutadiene  
Concen: 45.678 ng  
RT: 8.25 min Scan# 1047  
Delta R.T. 0.00 min  
Lab File: BF117121.D  
Acq: 17 Sep 2019 21:44

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:225 | Resp: | 90311     |
| Ion Ratio   | Lower | Upper     |
| 225         | 100   |           |
| 223         | 63.4  | 49.1 73.7 |
| 227         | 64.9  | 52.2 78.2 |

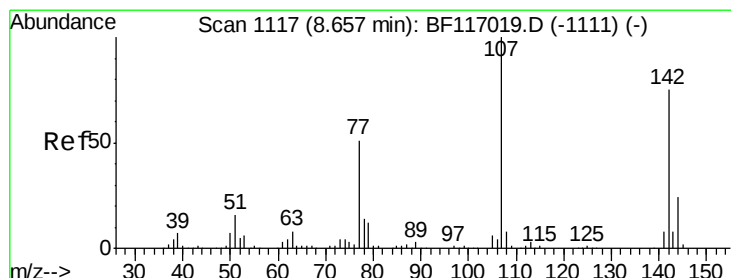
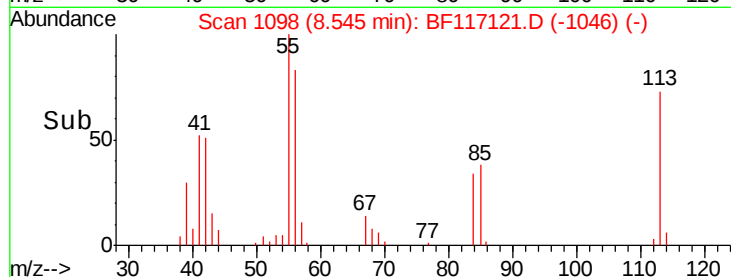
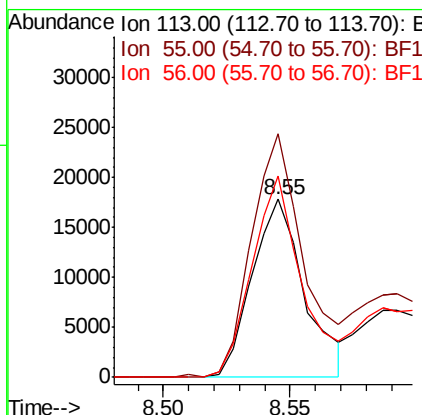
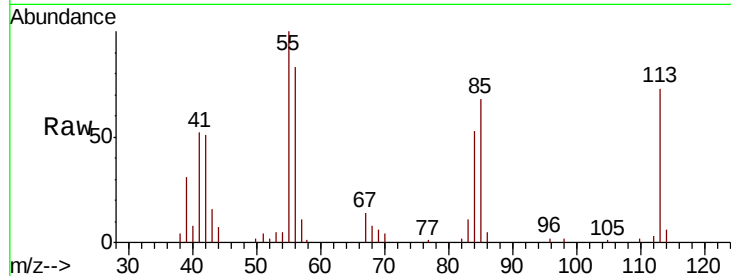




#35  
Caprolactam  
Concen: 23.463 ng  
RT: 8.55 min Scan# 1098  
Delta R.T. 0.01 min  
Lab File: BF117121.D  
Acq: 17 Sep 2019 21:44

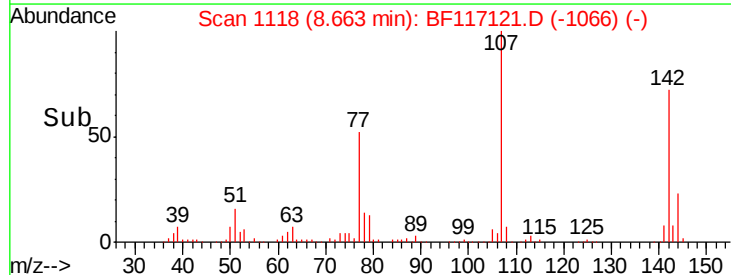
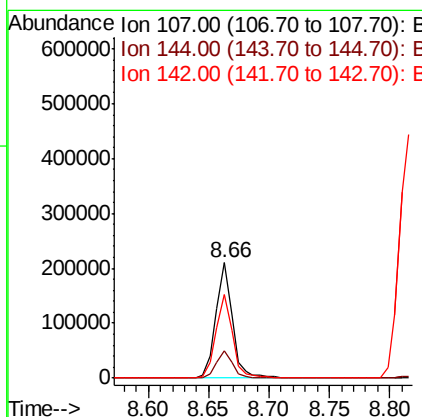
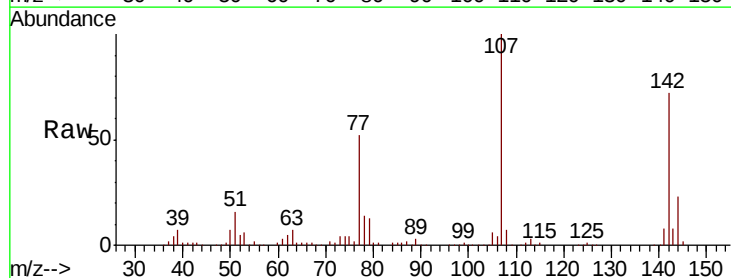
Instrument :  
BNA\_F  
ClientSampleId :  
HD-02-091319MSD

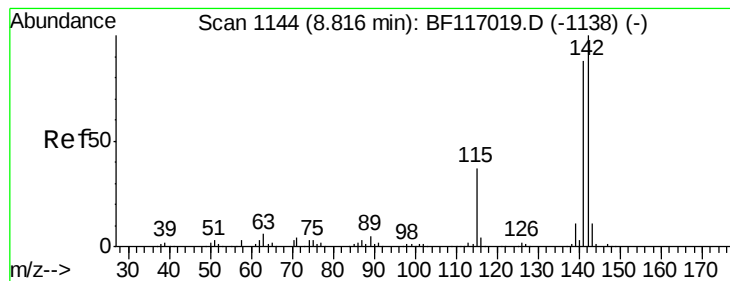
Tot Ion:113 Resp: 25617  
Ion Ratio Lower Upper  
113 100  
55 136.6 120.6 160.6  
56 112.9 88.8 128.8



#36  
4-Chloro-3-methylphenol  
Concen: 52.873 ng  
RT: 8.66 min Scan# 1118  
Delta R.T. 0.01 min  
Lab File: BF117121.D  
Acq: 17 Sep 2019 21:44

Tgt Ion:107 Resp: 198860  
Ion Ratio Lower Upper  
107 100  
144 23.4 19.2 28.8  
142 72.4 59.6 89.4

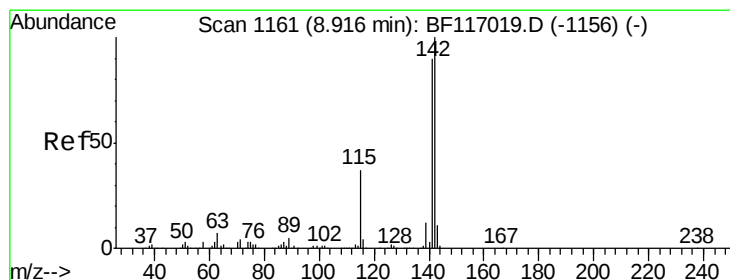
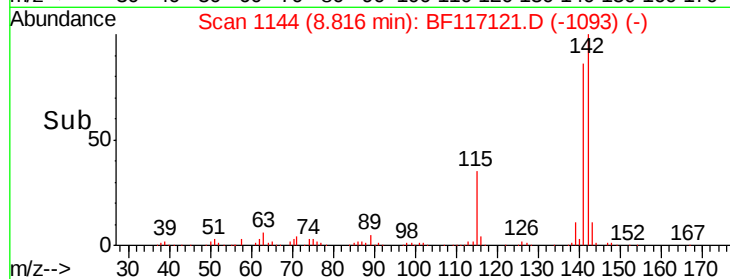
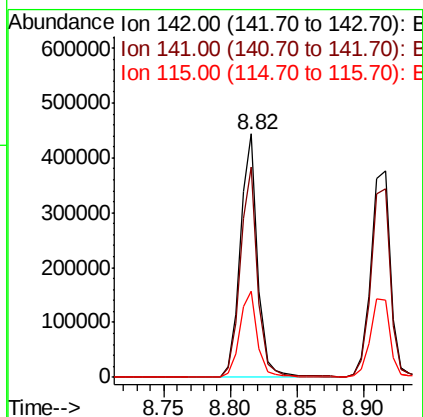
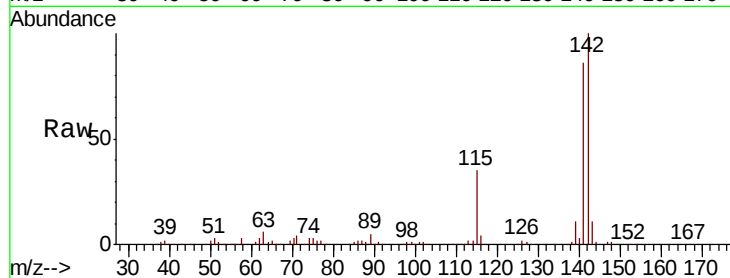




#37  
2-Methylnaphthalene  
Concen: 51.931 ng  
RT: 8.82 min Scan# 1144  
Delta R.T. 0.00 min  
Lab File: BF117121.D  
Acq: 17 Sep 2019 21:44

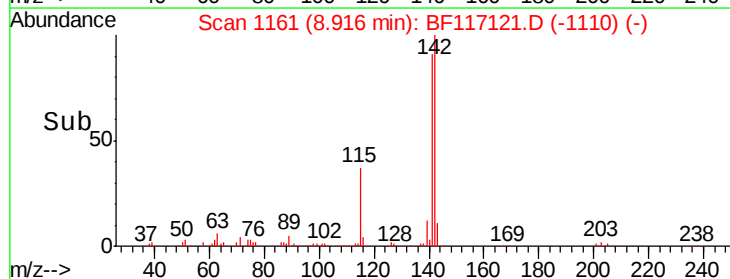
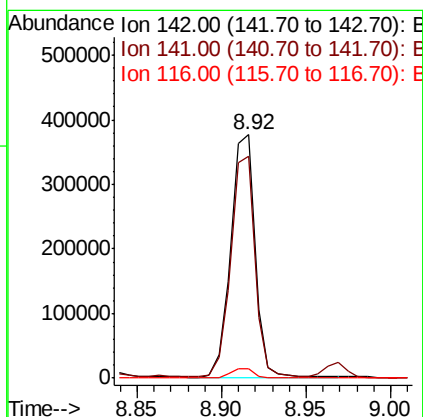
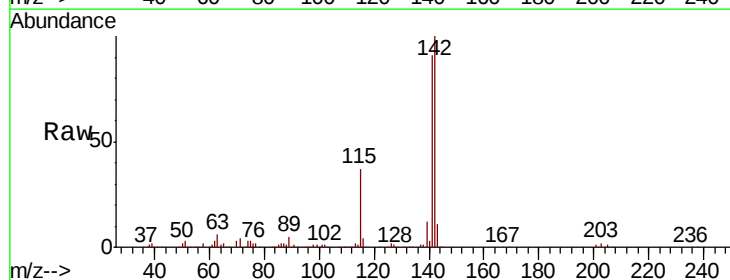
Instrument :  
BNA\_F  
ClientSampleId :  
HD-02-091319MSD

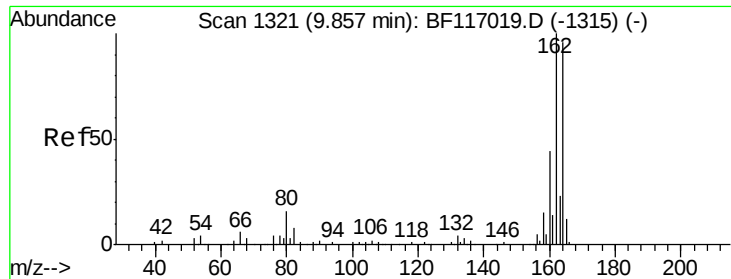
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 86.1  | 70.7  | 106.1 |
| 115     | 35.2  | 29.4  | 44.0  |



#38  
1-Methylnaphthalene  
Concen: 51.090 ng  
RT: 8.92 min Scan# 1161  
Delta R.T. 0.00 min  
Lab File: BF117121.D  
Acq: 17 Sep 2019 21:44

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 90.9  | 71.9  | 107.9 |
| 116     | 3.7   | 3.2   | 4.8   |

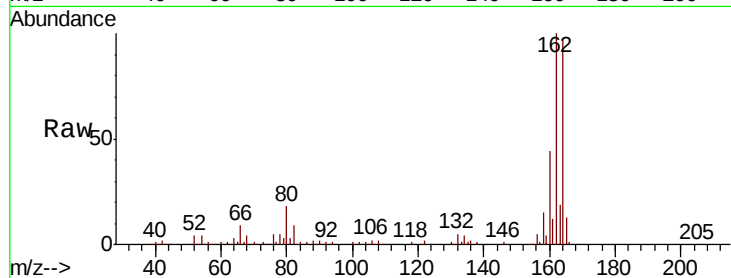




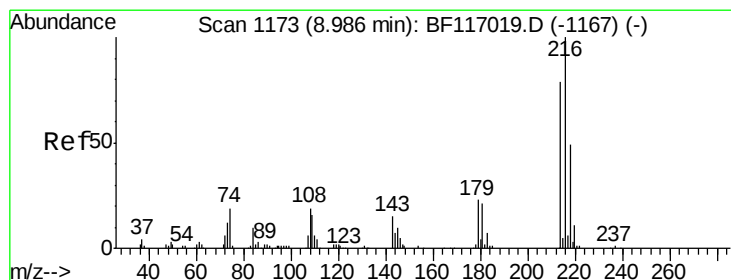
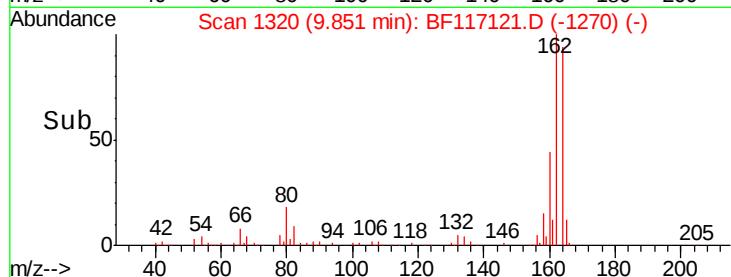
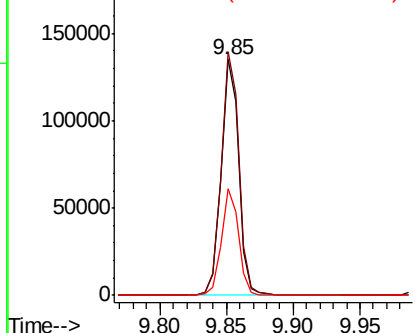
#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.85 min Scan# 1320  
Delta R.T. -0.01 min  
Lab File: BF117121.D  
Acq: 17 Sep 2019 21:44

Instrument :  
BNA\_F  
ClientSampleId :  
HD-02-091319MSD

Tot Ion:164 Resp: 126206  
Ion Ratio Lower Upper  
164 100  
162 103.3 83.4 125.2  
160 45.1 36.4 54.6

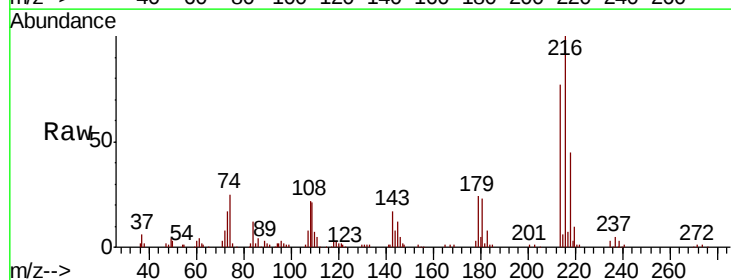


Abundance Ion 164.00 (163.70 to 164.70): E  
Ion 162.00 (161.70 to 162.70): E  
Ion 160.00 (159.70 to 160.70): E

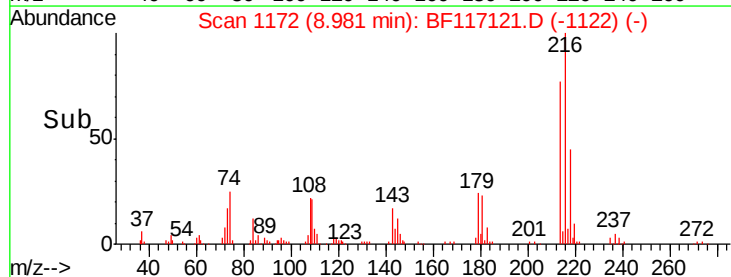
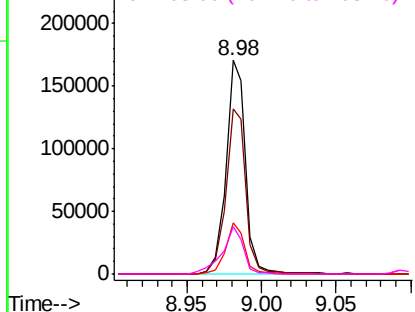


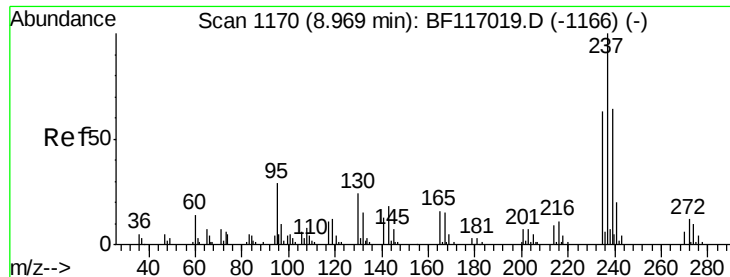
#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 48.636 ng  
RT: 8.98 min Scan# 1172  
Delta R.T. -0.01 min  
Lab File: BF117121.D  
Acq: 17 Sep 2019 21:44

Tgt Ion:216 Resp: 158505  
Ion Ratio Lower Upper  
216 100  
214 79.0 63.6 95.4  
179 23.2 18.3 27.5  
108 24.4 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: 89.353 ng

RT: 8.97 min Scan# 1170

Delta R.T. 0.00 min

Lab File: BF117121.D

Acq: 17 Sep 2019 21:44

Instrument :

BNA\_F

ClientSampleId :

HD-02-091319MSD

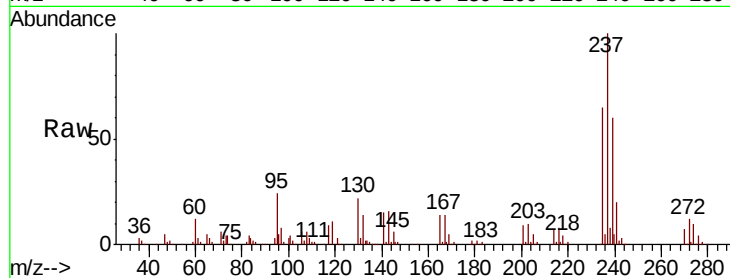
Tot Ion:237 Resp: 130183

Ion Ratio Lower Upper

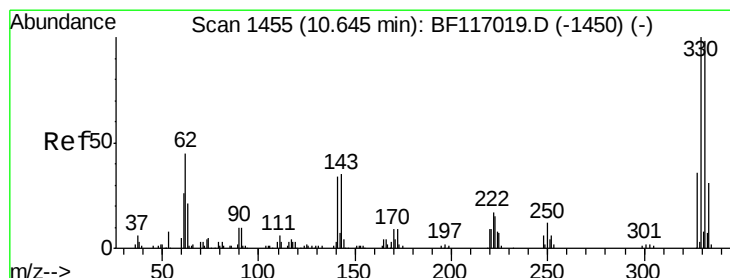
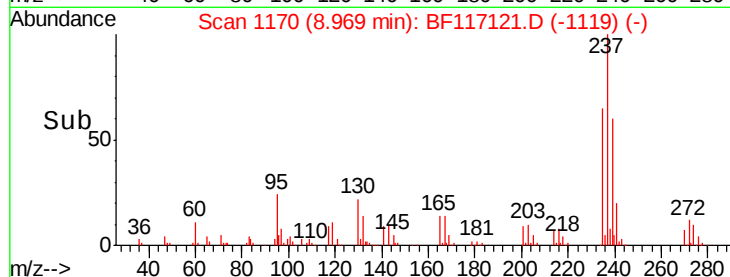
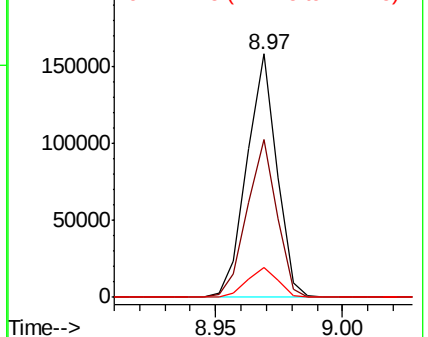
237 100

235 64.6 43.2 83.2

272 12.3 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: 155.752 ng

RT: 10.65 min Scan# 1455

Delta R.T. 0.00 min

Lab File: BF117121.D

Acq: 17 Sep 2019 21:44

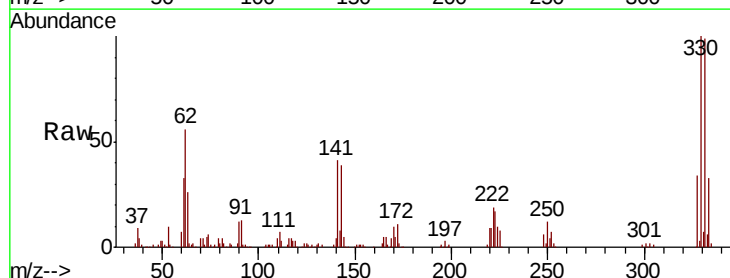
Tgt Ion:330 Resp: 164286

Ion Ratio Lower Upper

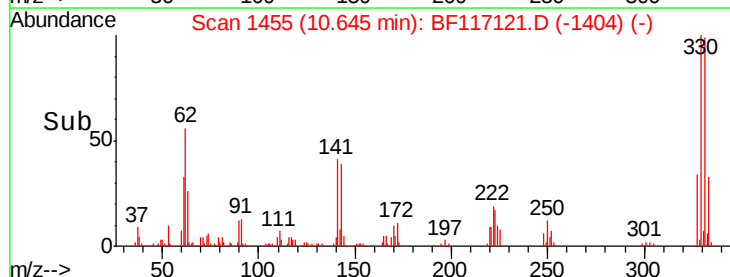
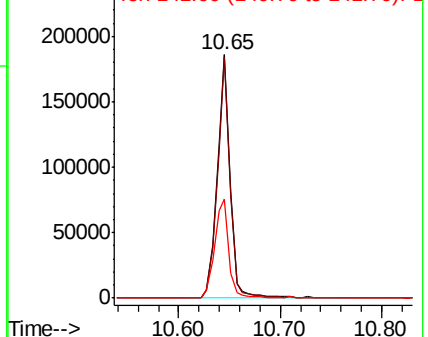
330 100

332 97.5 78.0 117.0

141 44.7 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

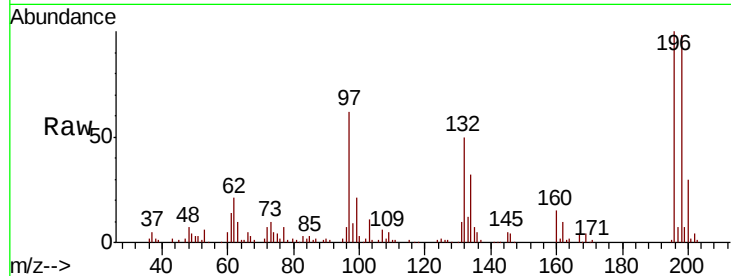




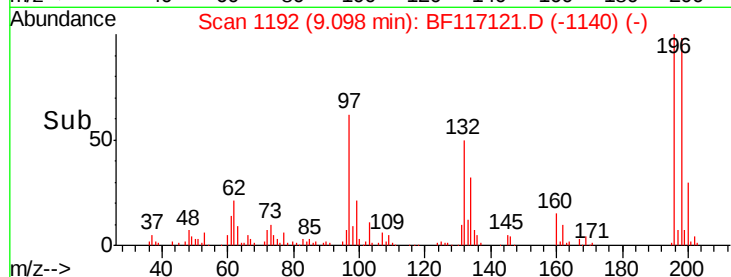
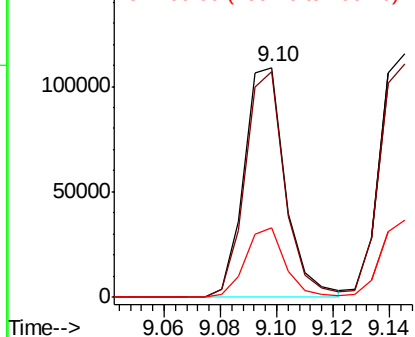
#43  
 2,4,6-Trichlorophenol  
 Concen: 50.221 ng  
 RT: 9.10 min Scan# 1192  
 Delta R.T. 0.01 min  
 Lab File: BF117121.D  
 Acq: 17 Sep 2019 21:44

Instrument :  
 BNA\_F  
 ClientSampleId :  
 HD-02-091319MSD

Tot Ion:196 Resp: 111071  
 Ion Ratio Lower Upper  
 196 100  
 198 97.8 75.7 113.5  
 200 30.5 23.3 34.9



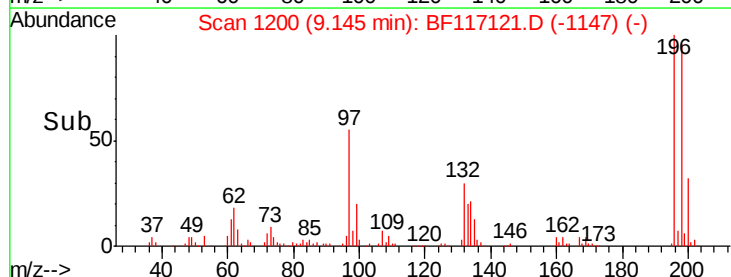
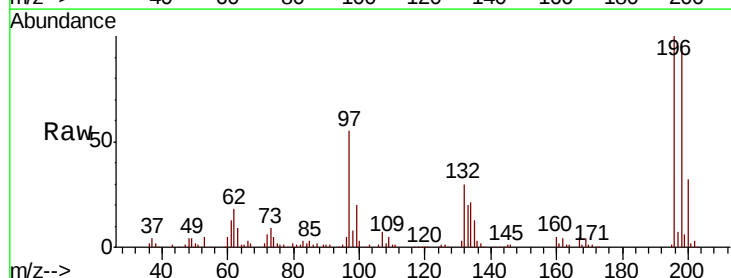
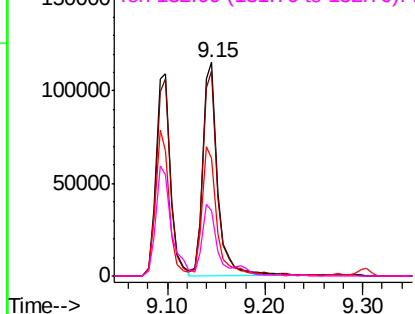
Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 200.00 (199.70 to 200.70): E

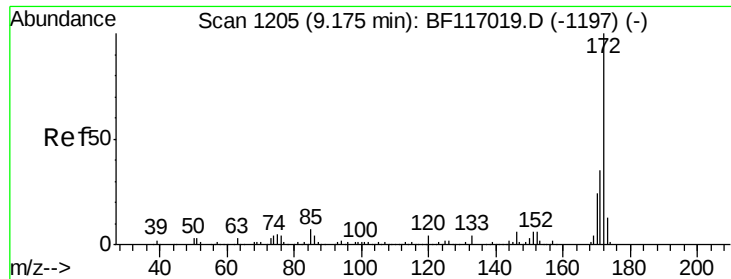


#44  
 2,4,5-Trichlorophenol  
 Concen: 51.743 ng  
 RT: 9.15 min Scan# 1200  
 Delta R.T. 0.01 min  
 Lab File: BF117121.D  
 Acq: 17 Sep 2019 21:44

Tgt Ion:196 Resp: 122265  
 Ion Ratio Lower Upper  
 196 100  
 198 96.1 74.6 112.0  
 97 55.0 49.5 74.3  
 132 30.5 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

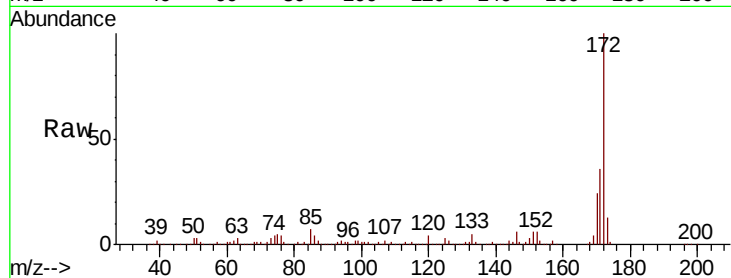




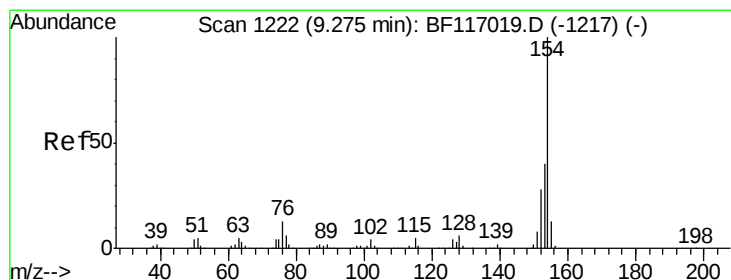
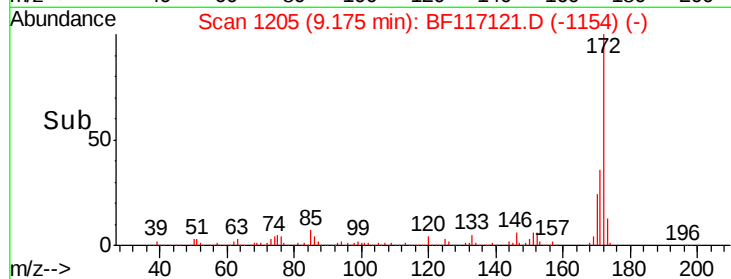
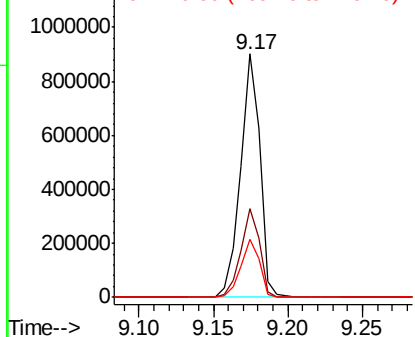
#45  
2-Fluorobiphenyl  
Concen: 101.593 ng  
RT: 9.17 min Scan# 1205  
Delta R.T. 0.00 min  
Lab File: BF117121.D  
Acq: 17 Sep 2019 21:44

Instrument :  
BNA\_F  
ClientSampleId :  
HD-02-091319MSD

Tot Ion:172 Resp: 820021  
Ion Ratio Lower Upper  
172 100  
171 36.4 28.2 42.2  
170 23.9 18.9 28.3

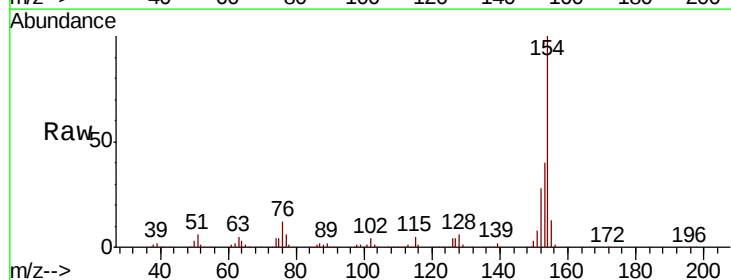


Abundance Ion 172.00 (171.70 to 172.70): E  
Ion 171.00 (170.70 to 171.70): E  
Ion 170.00 (169.70 to 170.70): E

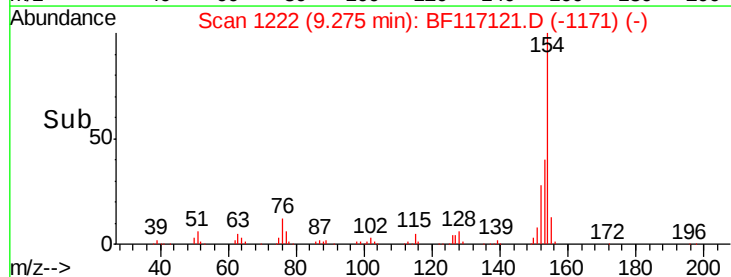
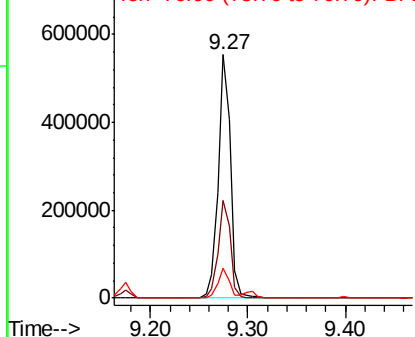


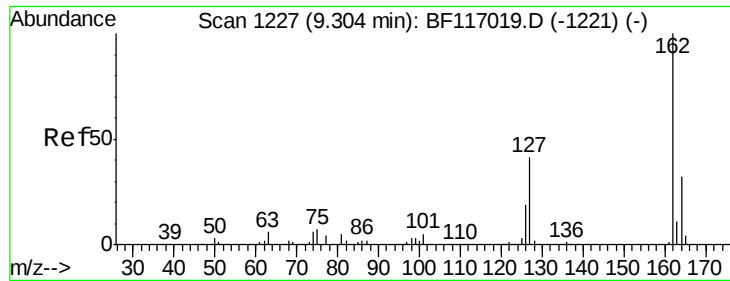
#46  
1,1'-Biphenyl  
Concen: 48.532 ng  
RT: 9.27 min Scan# 1222  
Delta R.T. 0.00 min  
Lab File: BF117121.D  
Acq: 17 Sep 2019 21:44

Tgt Ion:154 Resp: 480446  
Ion Ratio Lower Upper  
154 100  
153 40.0 20.0 60.0  
76 12.3 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

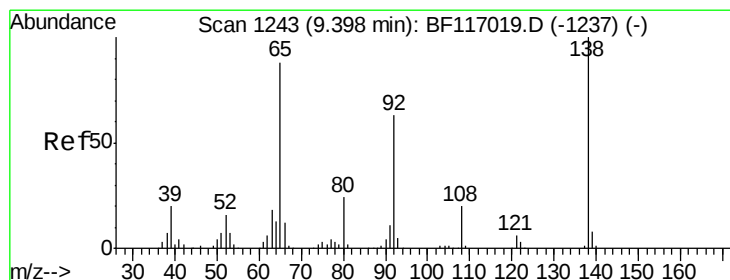
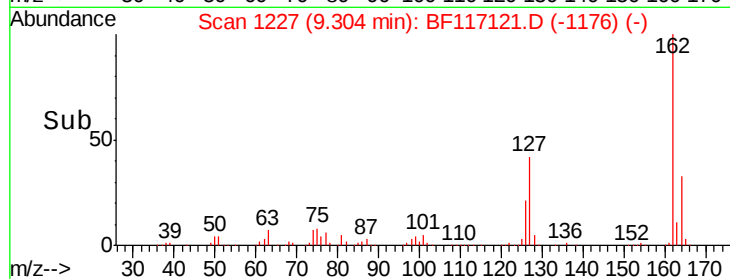
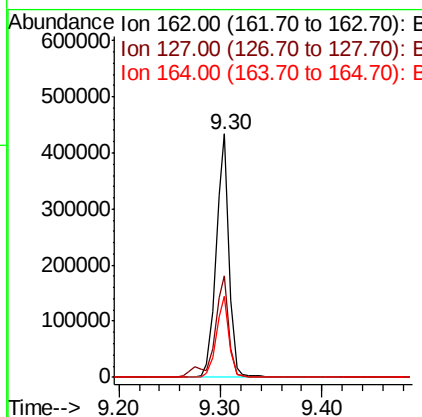
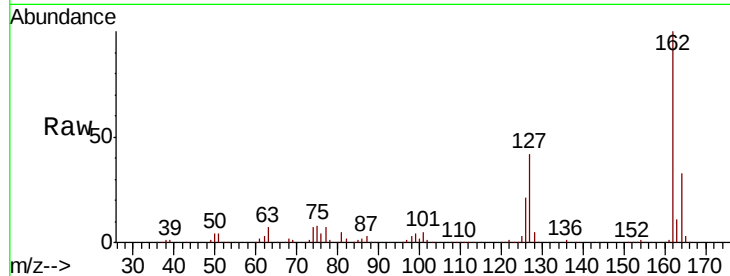




#47  
 2-Chloronaphthalene  
 Concen: 48.737 ng  
 RT: 9.30 min Scan# 1227  
 Delta R.T. 0.00 min  
 Lab File: BF117121.D  
 Acq: 17 Sep 2019 21:44

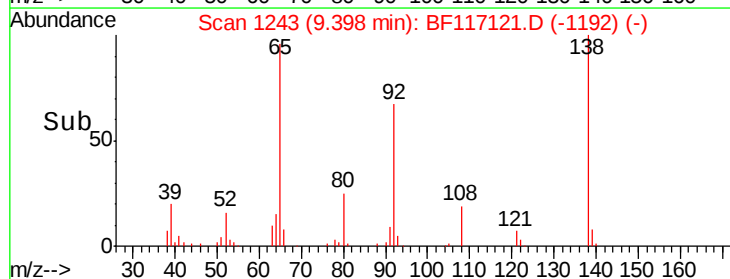
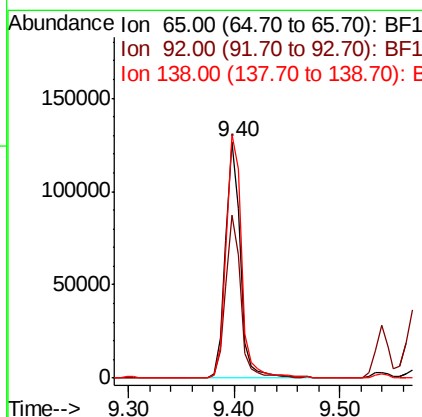
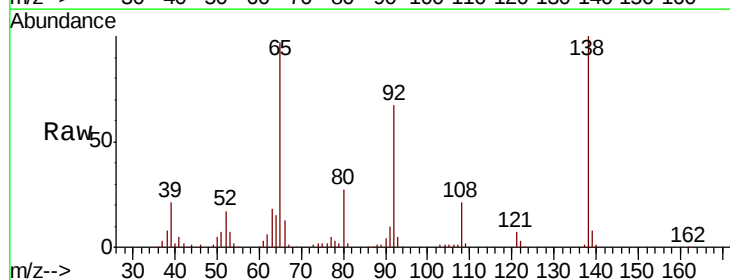
Instrument :  
 BNA\_F  
 ClientSampleId :  
 HD-02-091319MSD

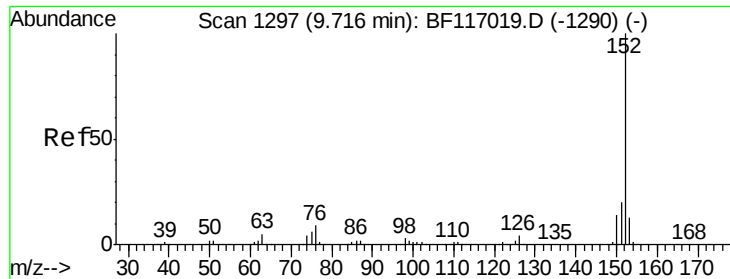
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 41.8  | 34.1  | 51.1  |
| 164     | 33.1  | 25.9  | 38.9  |



#48  
 2-Nitroaniline  
 Concen: 50.212 ng  
 RT: 9.40 min Scan# 1243  
 Delta R.T. 0.00 min  
 Lab File: BF117121.D  
 Acq: 17 Sep 2019 21:44

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 68.8  | 57.5  | 86.3  |
| 138     | 102.9 | 90.6  | 136.0 |





#49

Acenaphthylene

Concen: 51.523 ng

RT: 9.72 min Scan# 1297

Delta R.T. 0.00 min

Lab File: BF117121.D

Acq: 17 Sep 2019 21:44

Instrument :

BNA\_F

ClientSampleId :

HD-02-091319MSD

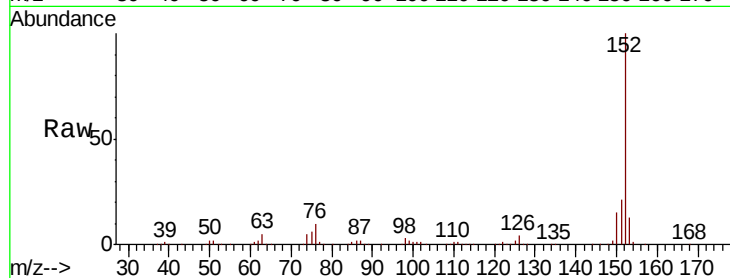
Tot Ion:152 Resp: 603037

Ion Ratio Lower Upper

152 100

151 20.8 16.2 24.2

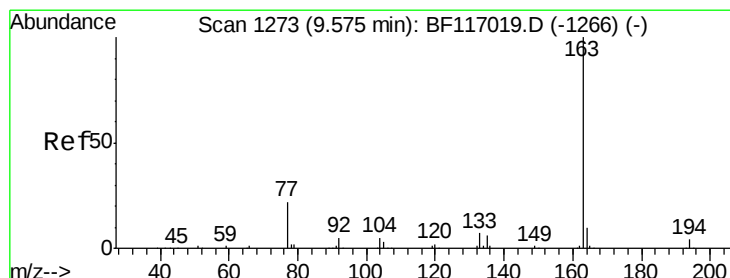
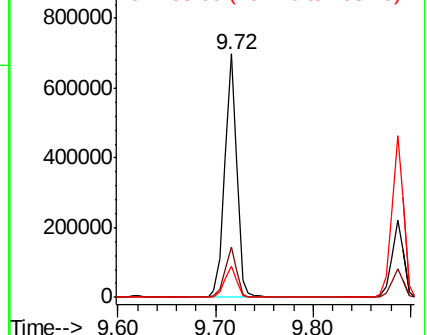
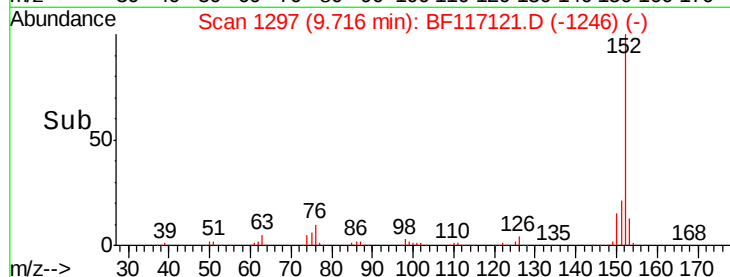
153 12.8 10.2 15.4



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: 52.464 ng

RT: 9.57 min Scan# 1273

Delta R.T. 0.00 min

Lab File: BF117121.D

Acq: 17 Sep 2019 21:44

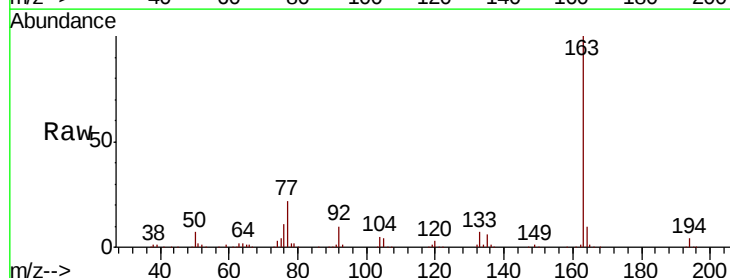
Tgt Ion:163 Resp: 468820

Ion Ratio Lower Upper

163 100

194 3.5 2.9 4.3

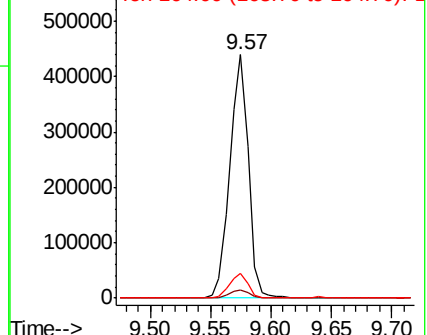
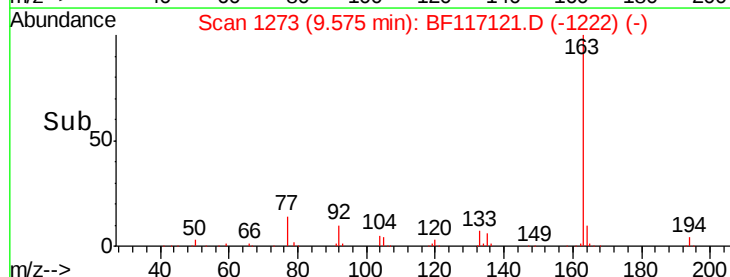
164 10.1 8.2 12.4

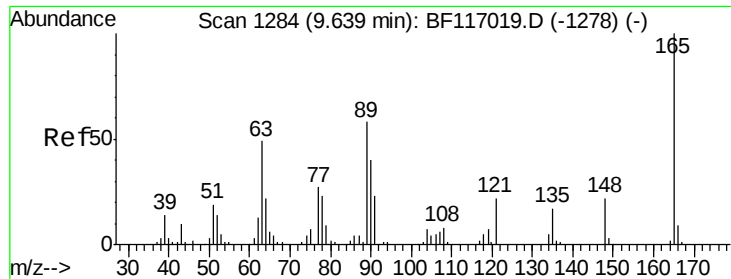


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 55.261 ng

RT: 9.64 min Scan# 1284

Delta R.T. 0.00 min

Lab File: BF117121.D

Acq: 17 Sep 2019 21:44

Instrument :

BNA\_F

ClientSampleId :

HD-02-091319MSD

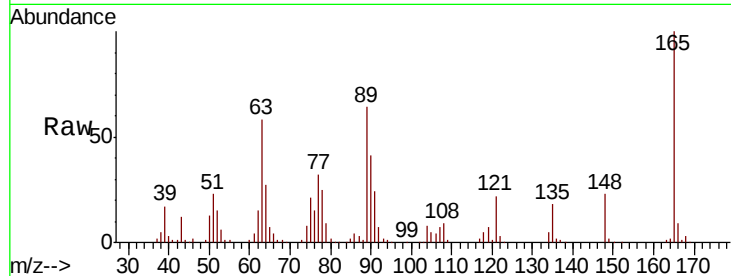
Tot Ion:165 Resp: 100574

Ion Ratio Lower Upper

165 100

63 58.0 41.8 62.8

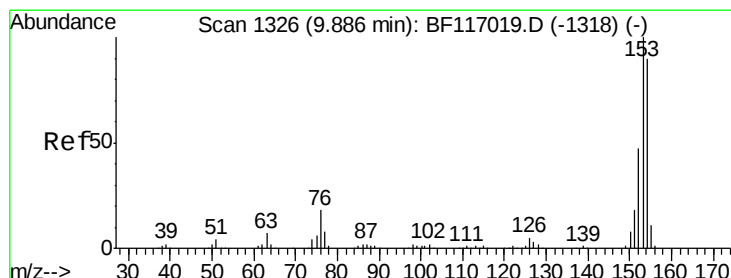
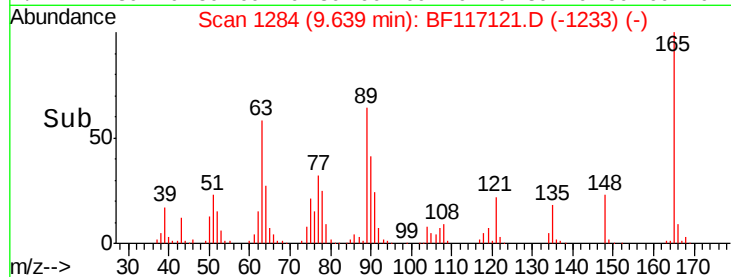
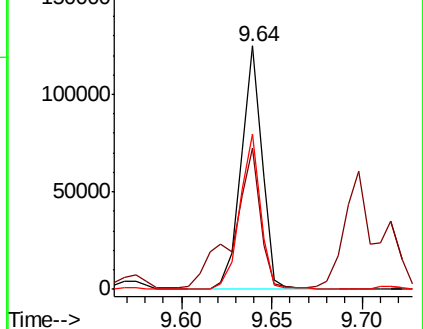
89 63.6 46.5 69.7



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: 49.696 ng

RT: 9.89 min Scan# 1326

Delta R.T. 0.00 min

Lab File: BF117121.D

Acq: 17 Sep 2019 21:44

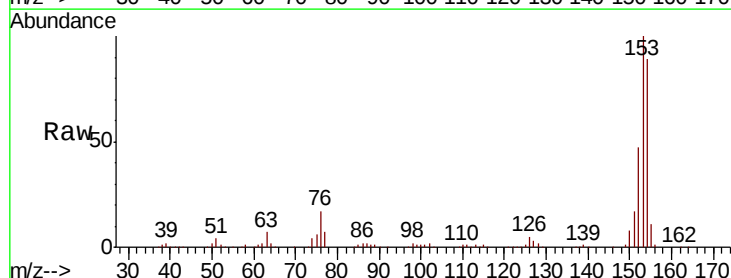
Tgt Ion:154 Resp: 344796

Ion Ratio Lower Upper

154 100

153 112.5 89.0 133.6

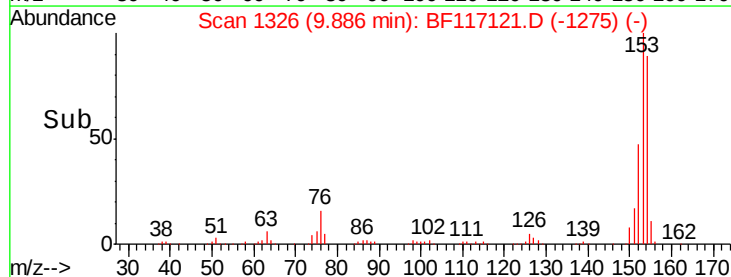
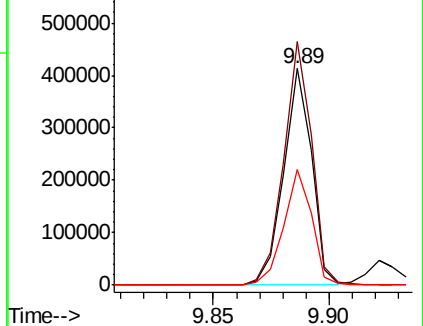
152 53.4 41.9 62.9

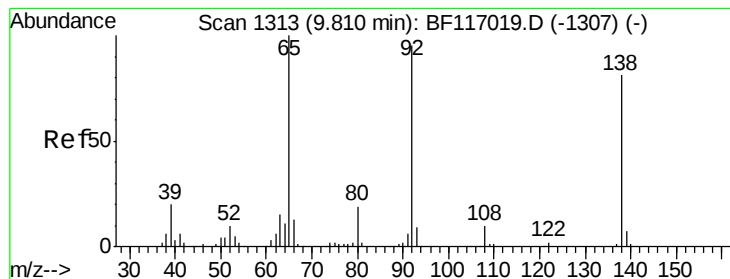


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 18.358 ng

RT: 9.81 min Scan# 1313

Delta R.T. 0.00 min

Lab File: BF117121.D

Acq: 17 Sep 2019 21:44

Instrument :

BNA\_F

ClientSampleId :

HD-02-091319MSD

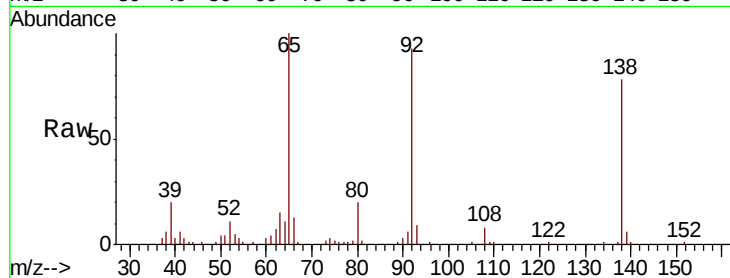
Tot Ion:138 Resp: 42155

Ion Ratio Lower Upper

138 100

108 10.9 9.5 14.3

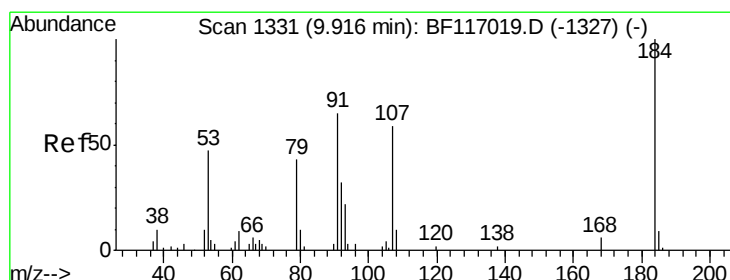
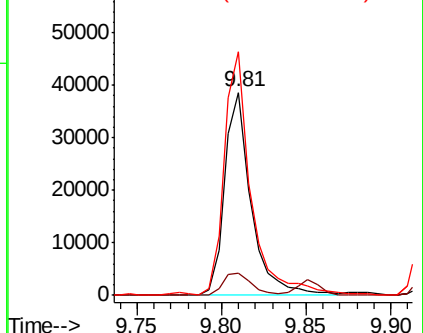
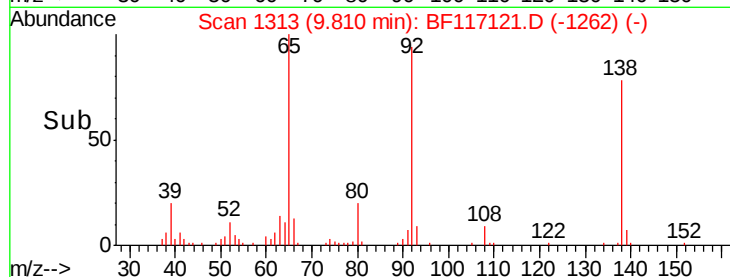
92 119.9 94.1 141.1



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: 88.169 ng

RT: 9.92 min Scan# 1332

Delta R.T. 0.01 min

Lab File: BF117121.D

Acq: 17 Sep 2019 21:44

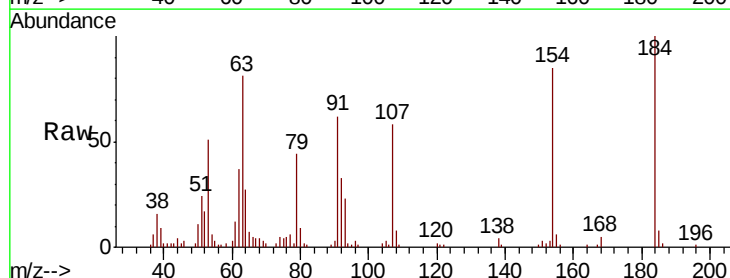
Tgt Ion:184 Resp: 70119

Ion Ratio Lower Upper

184 100

63 81.3 63.8 95.6

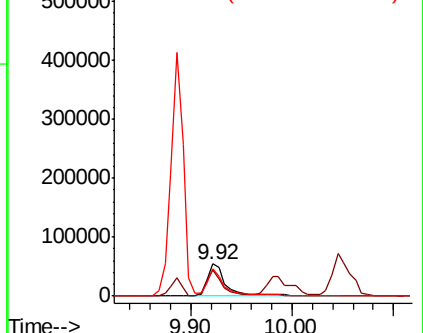
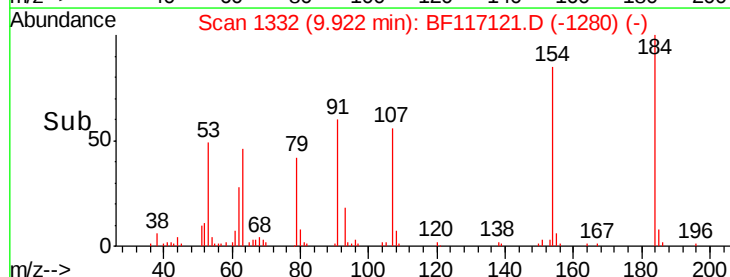
154 84.9 60.4 90.6

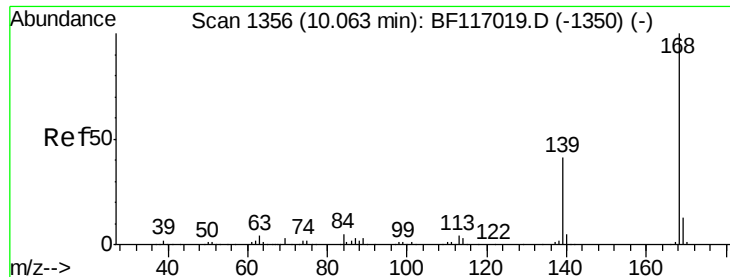


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzenofuran

Concen: 51.407 ng

RT: 10.06 min Scan# 1356

Delta R.T. 0.00 min

Lab File: BF117121.D

Acq: 17 Sep 2019 21:44

Instrument :

BNA\_F

ClientSampleId :

HD-02-091319MSD

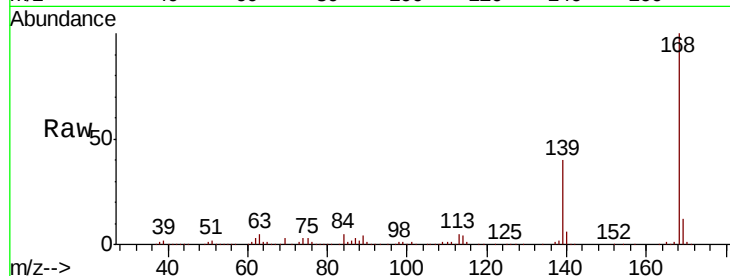
Tot Ion:168 Resp: 526236

Ion Ratio Lower Upper

168 100

139 40.4 32.8 49.2

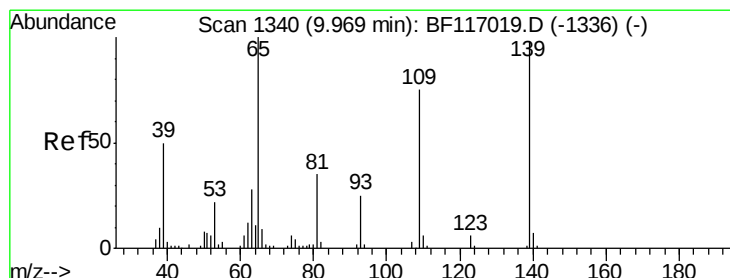
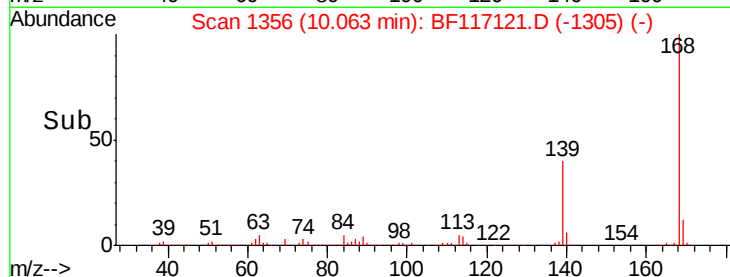
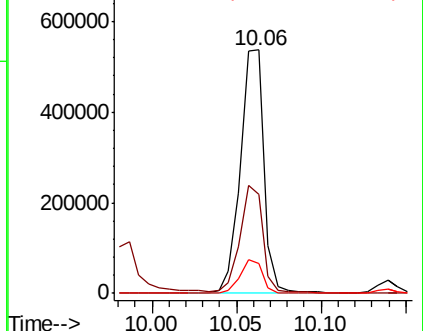
169 12.3 10.5 15.7



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: 89.507 ng

RT: 9.99 min Scan# 1343

Delta R.T. 0.02 min

Lab File: BF117121.D

Acq: 17 Sep 2019 21:44

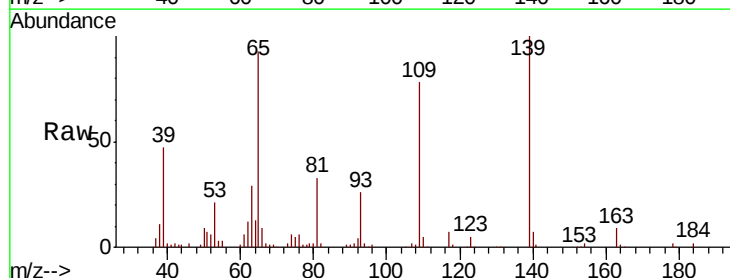
Tgt Ion:139 Resp: 133208

Ion Ratio Lower Upper

139 100

109 77.6 56.4 96.4

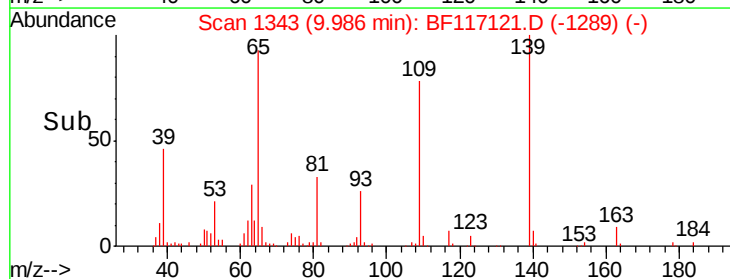
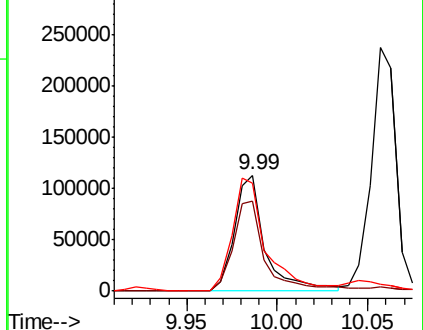
65 93.3 82.5 122.5

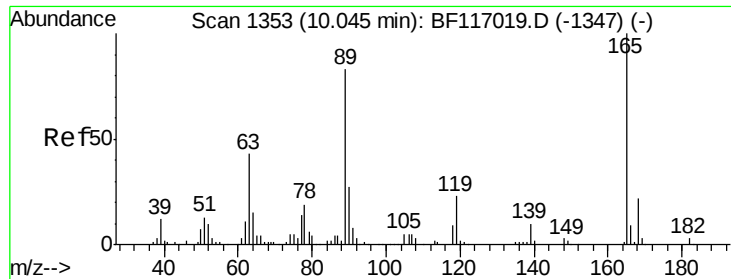


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

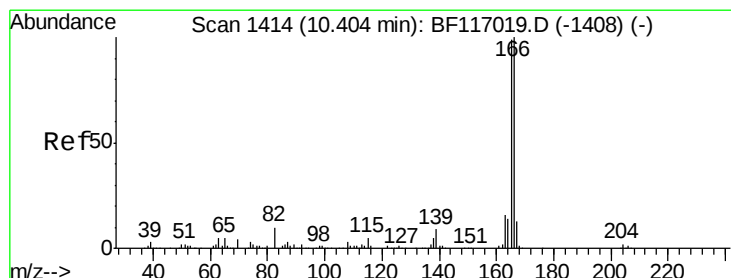
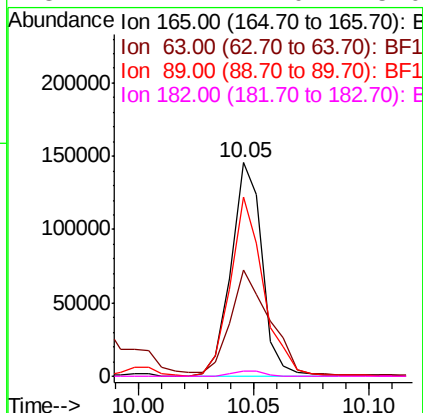
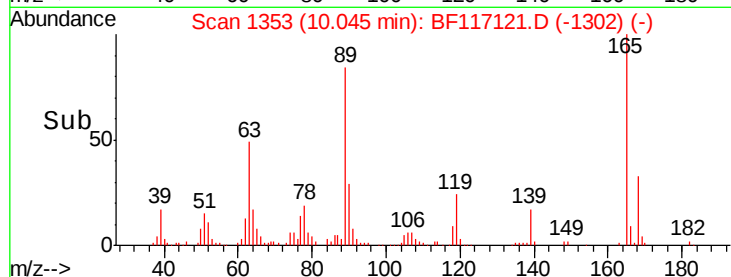
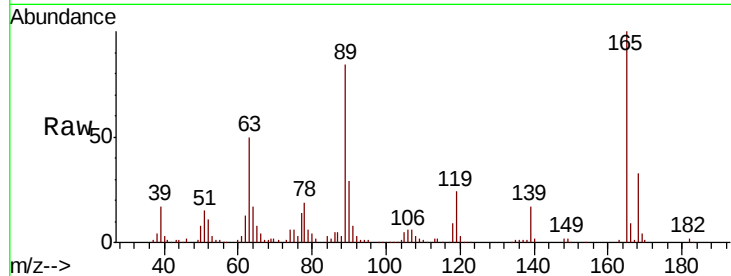




#57  
 2,4-Dinitrotoluene  
 Concen: 57.924 ng  
 RT: 10.05 min Scan# 1353  
 Delta R.T. 0.00 min  
 Lab File: BF117121.D  
 Acq: 17 Sep 2019 21:44

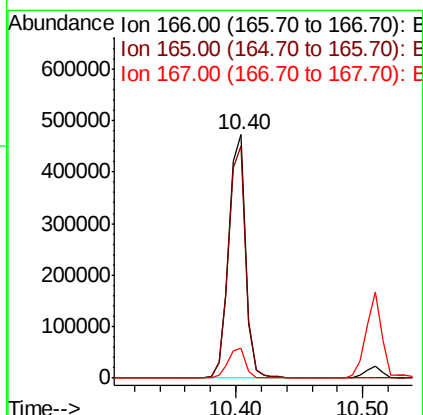
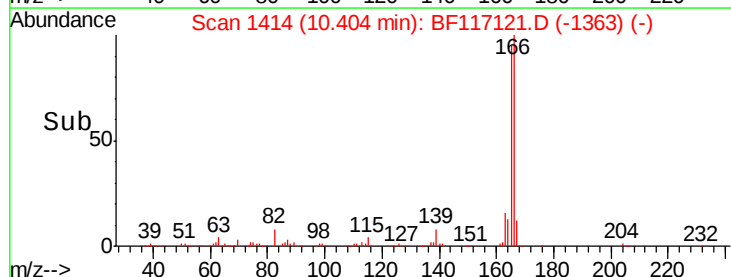
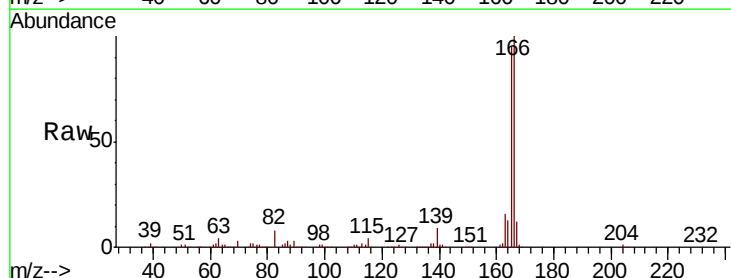
Instrument :  
 BNA\_F  
 ClientSampleId :  
 HD-02-091319MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 49.9  | 35.0  | 52.4  |
| 89      | 83.8  | 66.1  | 99.1  |
| 182     | 2.4   | 2.0   | 3.0   |



#58  
 Fluorene  
 Concen: 52.901 ng  
 RT: 10.40 min Scan# 1414  
 Delta R.T. 0.00 min  
 Lab File: BF117121.D  
 Acq: 17 Sep 2019 21:44

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 166     | 100   |       |       |
| 165     | 95.2  | 78.9  | 118.3 |
| 167     | 12.5  | 10.6  | 15.8  |

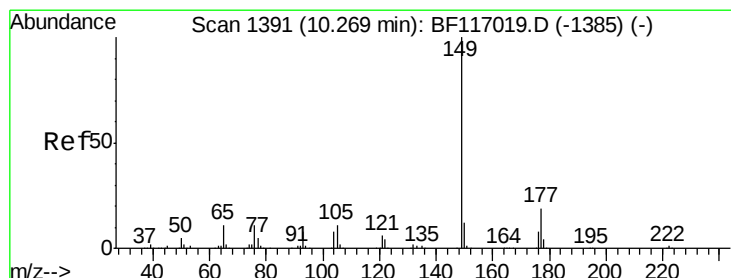
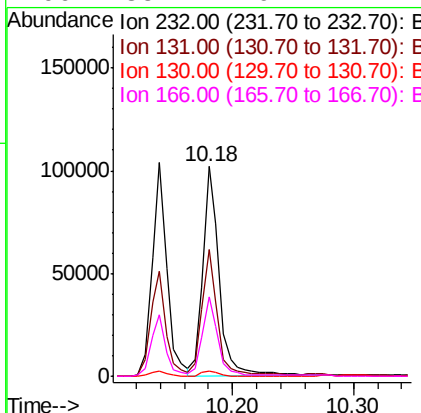
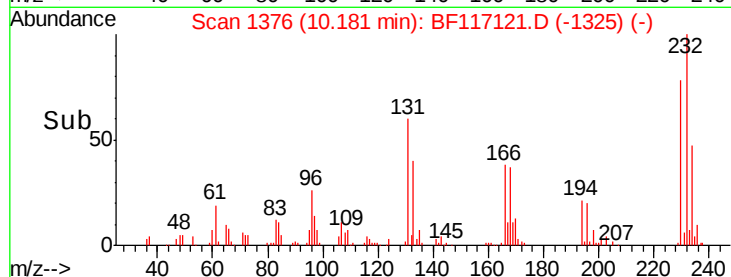
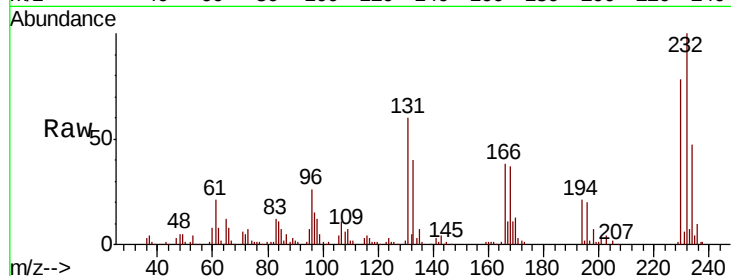




#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 52.938 ng  
 RT: 10.18 min Scan# 1376  
 Delta R.T. 0.00 min  
 Lab File: BF117121.D  
 Acq: 17 Sep 2019 21:44

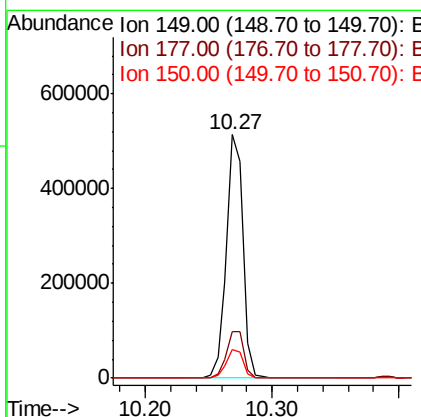
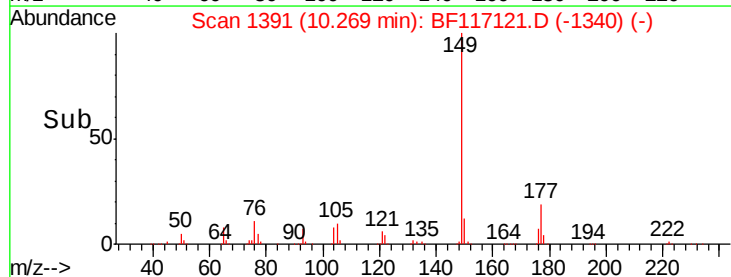
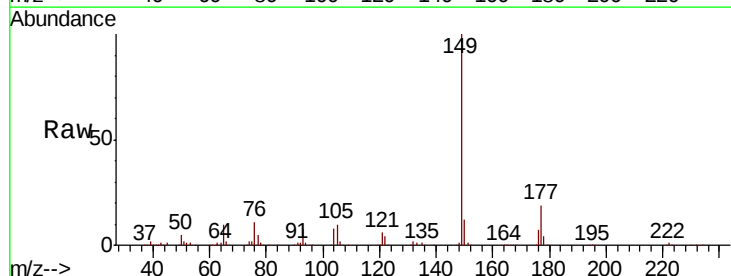
Instrument :  
 BNA\_F  
 ClientSampleId :  
 HD-02-091319MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 232     | 100   |       |       |
| 131     | 56.7  | 45.3  | 67.9  |
| 130     | 2.4   | 1.8   | 2.8   |
| 166     | 35.7  | 29.4  | 44.2  |



#60  
 Diethylphthalate  
 Concen: 52.734 ng  
 RT: 10.27 min Scan# 1391  
 Delta R.T. 0.00 min  
 Lab File: BF117121.D  
 Acq: 17 Sep 2019 21:44

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 19.3  | 15.2  | 22.8  |
| 150     | 11.7  | 9.9   | 14.9  |

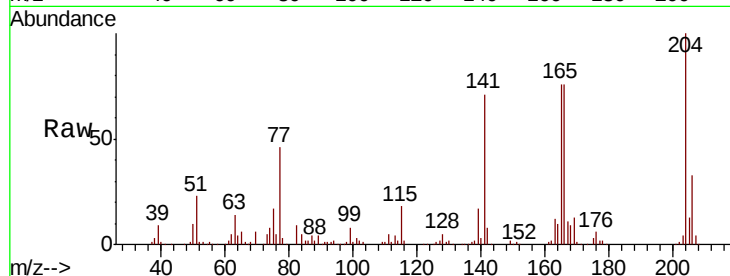




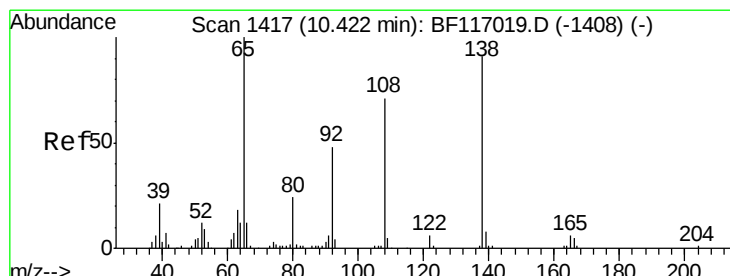
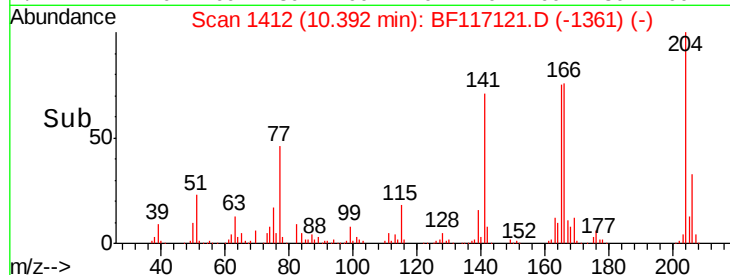
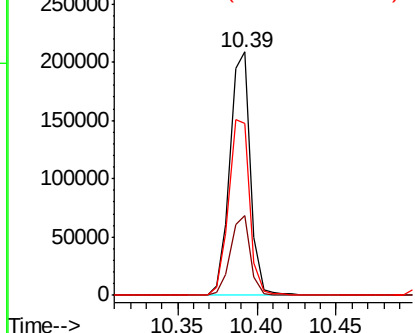
#61  
 4-Chlorophenyl-phenylether  
 Concen: 52.727 ng  
 RT: 10.39 min Scan# 1412  
 Delta R.T. 0.00 min  
 Lab File: BF117121.D  
 Acq: 17 Sep 2019 21:44

Instrument :  
 BNA\_F  
 ClientSampleId :  
 HD-02-091319MSD

Tot Ion:204 Resp: 188115  
 Ion Ratio Lower Upper  
 204 100  
 206 32.5 26.0 39.0  
 141 70.7 58.2 87.2

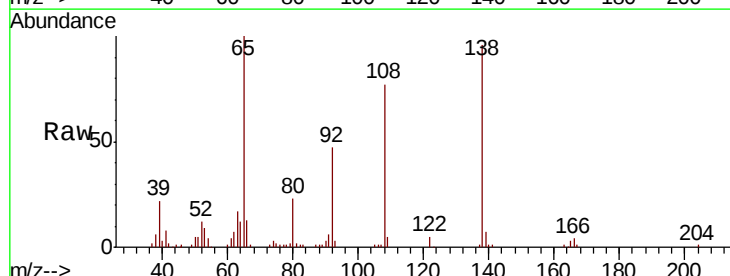


Abundance Ion 204.00 (203.70 to 204.70): E  
 Ion 206.00 (205.70 to 206.70): E  
 Ion 141.00 (140.70 to 141.70): E

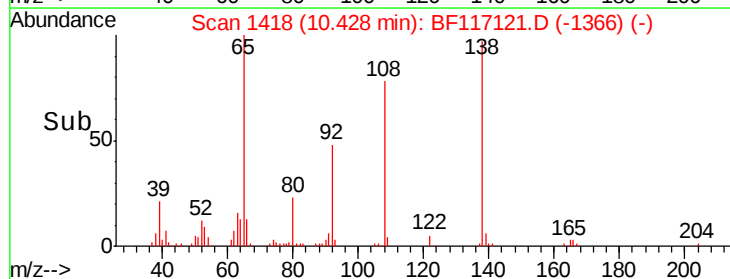
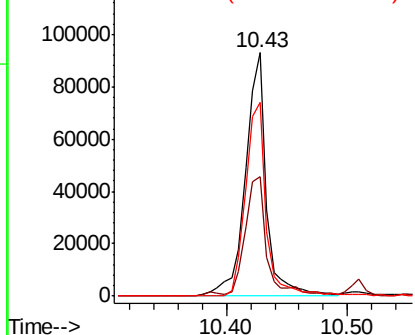


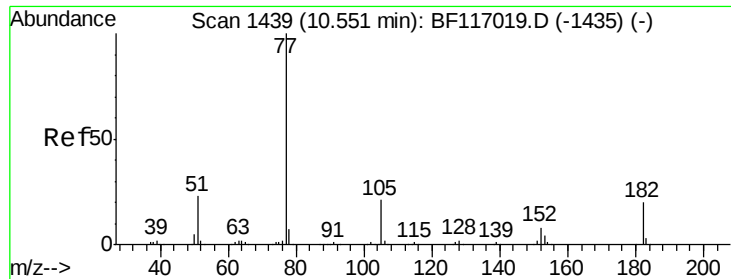
#62  
 4-Nitroaniline  
 Concen: 47.549 ng  
 RT: 10.43 min Scan# 1418  
 Delta R.T. 0.01 min  
 Lab File: BF117121.D  
 Acq: 17 Sep 2019 21:44

Tgt Ion:138 Resp: 113548  
 Ion Ratio Lower Upper  
 138 100  
 92 49.3 32.9 72.9  
 108 79.8 58.3 98.3



Abundance Ion 138.00 (137.70 to 138.70): E  
 Ion 92.00 (91.70 to 92.70): BF1  
 Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 51.868 ng

RT: 10.55 min Scan# 1439

Delta R.T. 0.00 min

Lab File: BF117121.D

Acq: 17 Sep 2019 21:44

Instrument :

BNA\_F

ClientSampleId :

HD-02-091319MSD

Tot Ion: 77 Resp: 465722

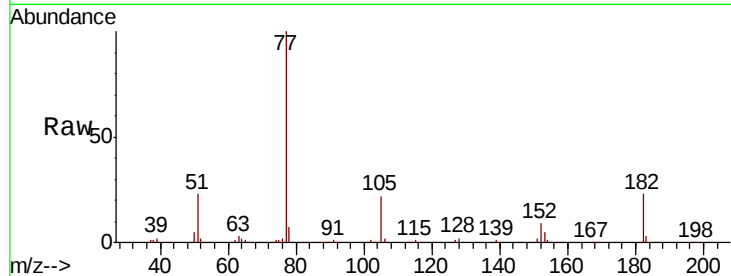
Ion Ratio Lower Upper

77 100

182 22.8 0.4 40.4

105 22.2 0.9 40.9

51 23.2 2.8 42.8

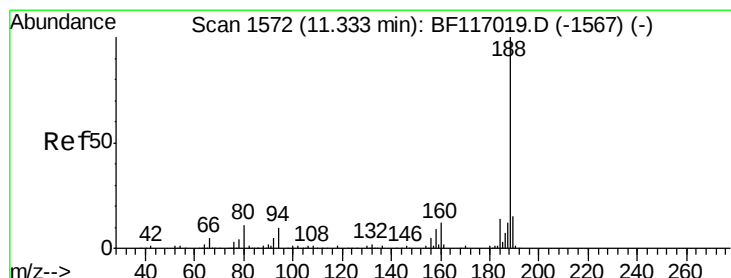
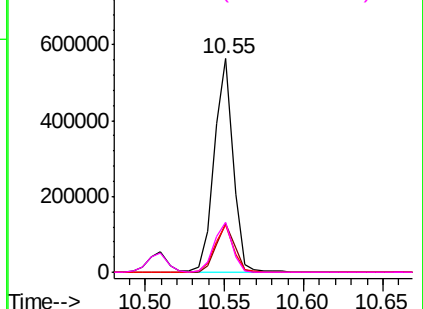
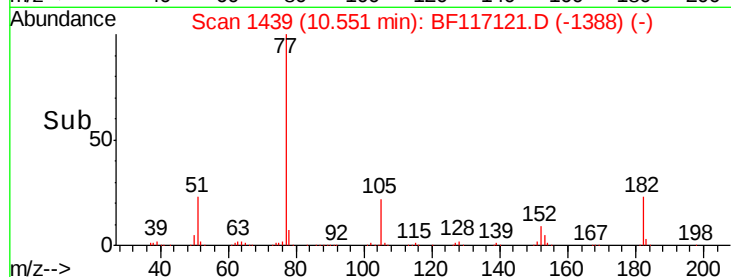


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

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: BF117121.D

Acq: 17 Sep 2019 21:44

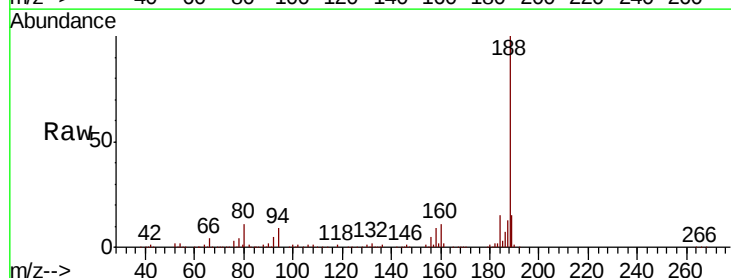
Tgt Ion: 188 Resp: 209556

Ion Ratio Lower Upper

188 100

94 8.6 8.2 12.2

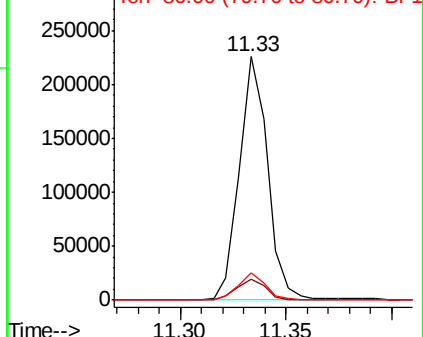
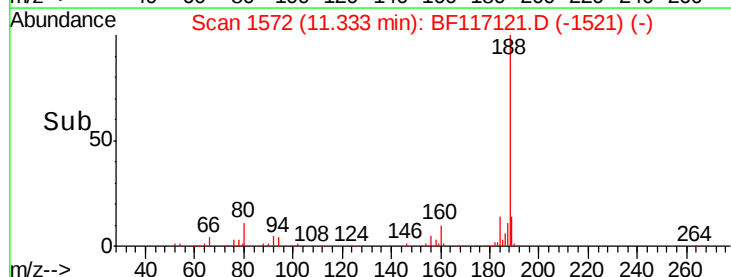
80 11.2 9.0 13.6



Abundance Ion 188.00 (187.70 to 188.70): BF1

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: 52.518 ng

RT: 10.46 min Scan# 1423

Delta R.T. 0.00 min

Lab File: BF117121.D

Acq: 17 Sep 2019 21:44

Instrument :

BNA\_F

ClientSampleId :

HD-02-091319MSD

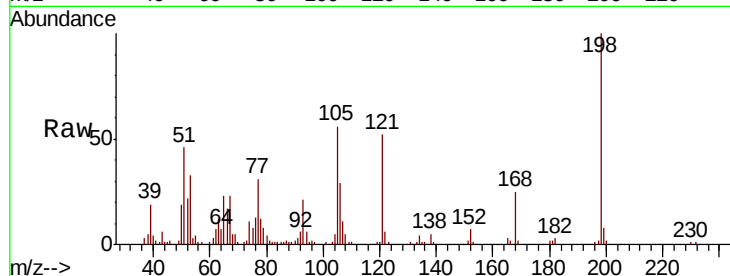
Tot Ion:198 Resp: 50870

Ion Ratio Lower Upper

198 100

51 46.5 18.7 58.7

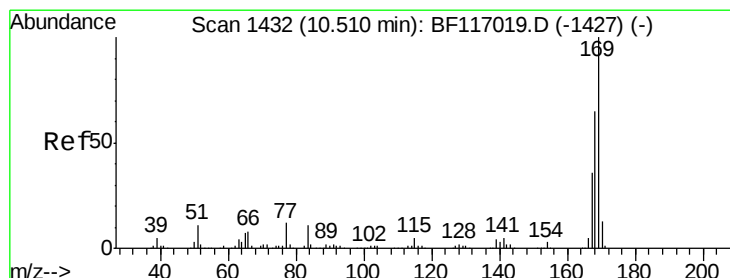
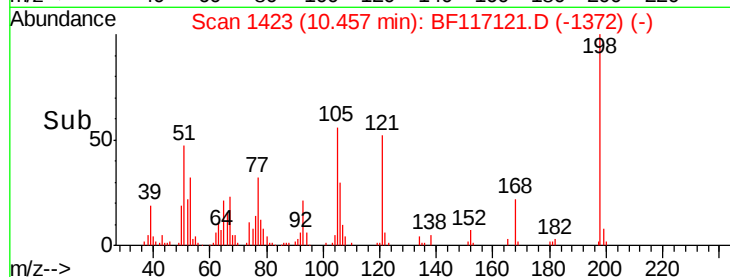
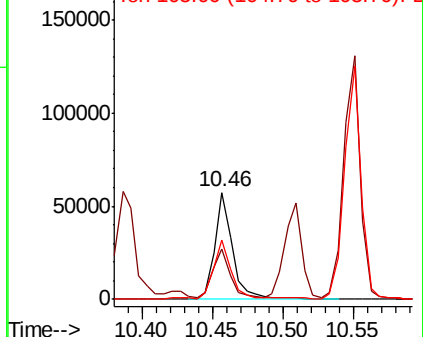
105 55.8 30.2 70.2



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 52.550 ng

RT: 10.51 min Scan# 1432

Delta R.T. 0.00 min

Lab File: BF117121.D

Acq: 17 Sep 2019 21:44

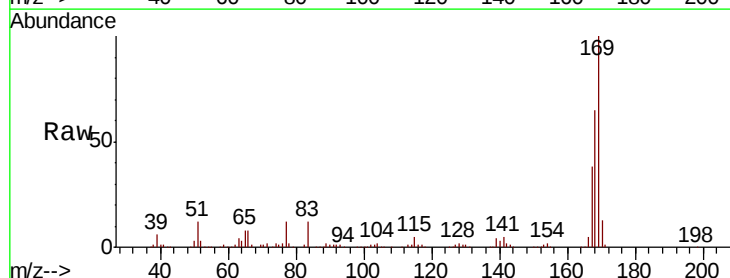
Tgt Ion:169 Resp: 380318

Ion Ratio Lower Upper

169 100

168 64.8 52.2 78.2

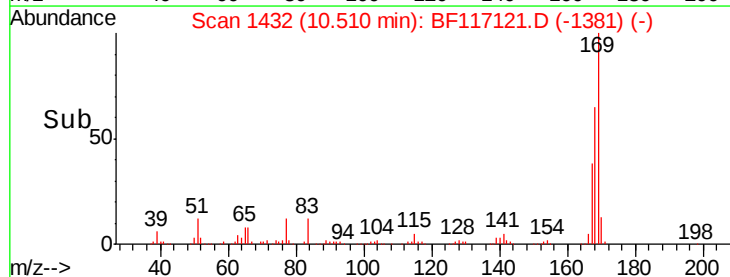
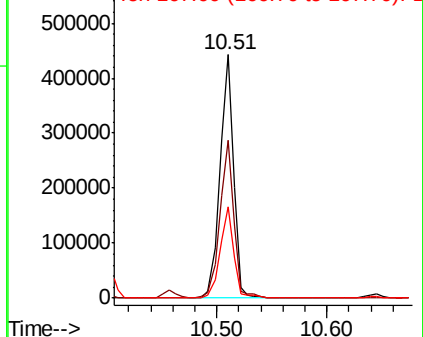
167 37.6 28.8 43.2



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

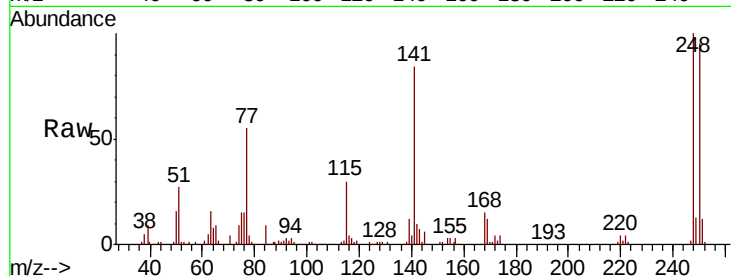




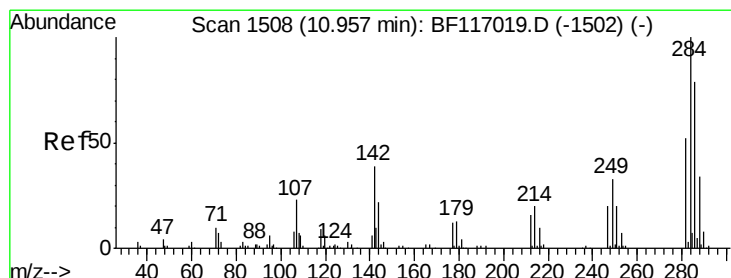
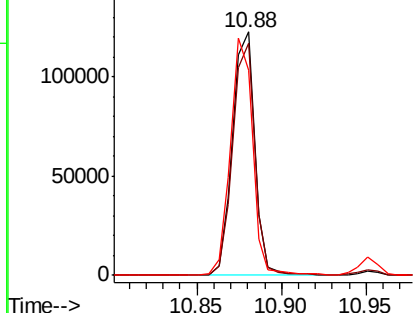
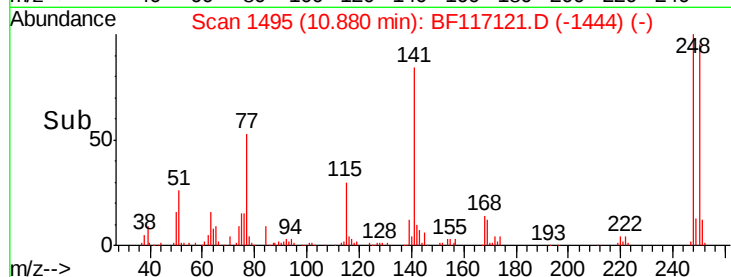
#67  
 4-Bromophenyl-phenylether  
 Concen: 52.516 ng  
 RT: 10.88 min Scan# 1495  
 Delta R.T. 0.00 min  
 Lab File: BF117121.D  
 Acq: 17 Sep 2019 21:44

Instrument :  
 BNA\_F  
 ClientSampleId :  
 HD-02-091319MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 95.4  | 76.2  | 114.4 |
| 141     | 84.2  | 75.0  | 112.4 |

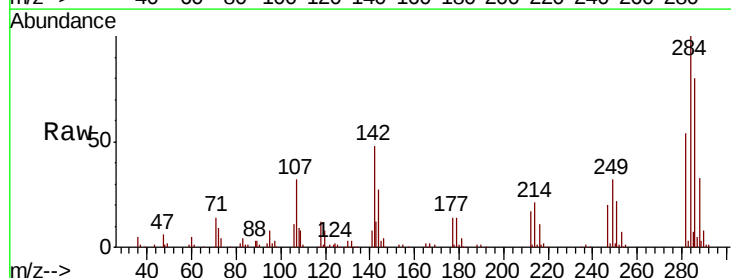


Abundance Ion 248.00 (247.70 to 248.70): E  
 Ion 250.00 (249.70 to 250.70): E  
 Ion 141.00 (140.70 to 141.70): E

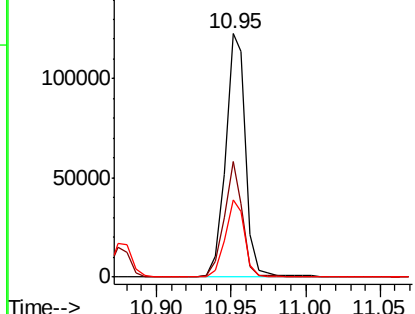
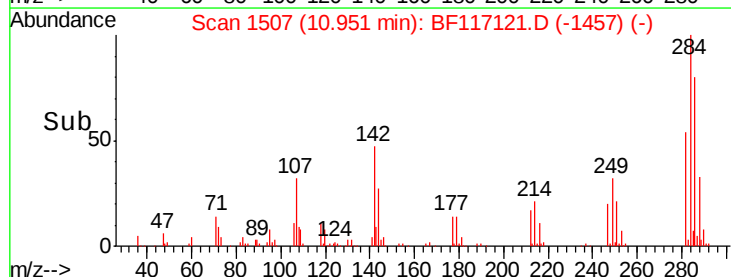


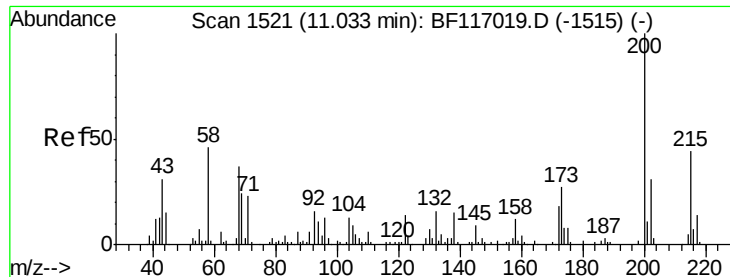
#68  
 Hexachlorobenzene  
 Concen: 49.872 ng  
 RT: 10.95 min Scan# 1507  
 Delta R.T. -0.01 min  
 Lab File: BF117121.D  
 Acq: 17 Sep 2019 21:44

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 47.6  | 31.4  | 47.2# |
| 249     | 31.9  | 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: 53.050 ng

RT: 11.03 min Scan# 1521

Delta R.T. 0.00 min

Lab File: BF117121.D

Acq: 17 Sep 2019 21:44

Instrument :

BNA\_F

ClientSampleId :

HD-02-091319MSD

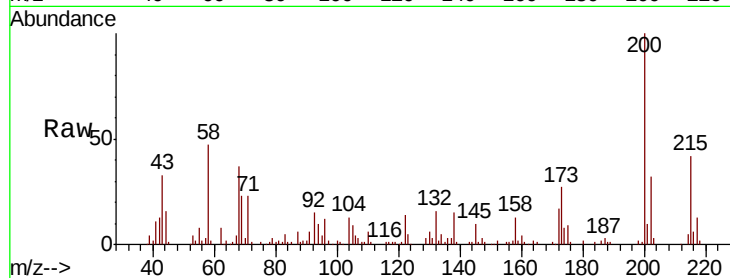
Tot Ion:200 Resp: 91042

Ion Ratio Lower Upper

200 100

173 27.4 6.9 46.9

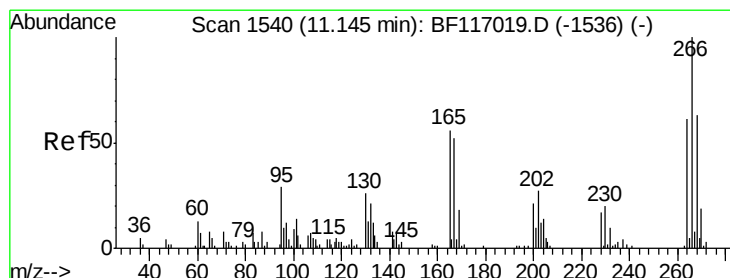
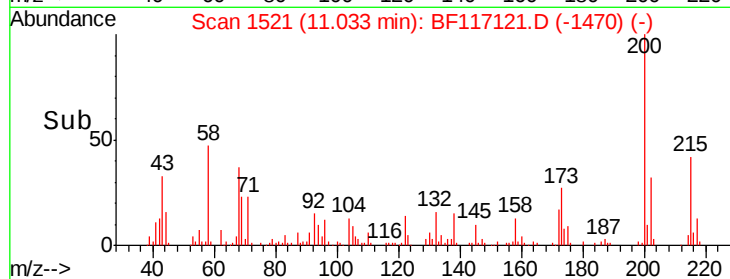
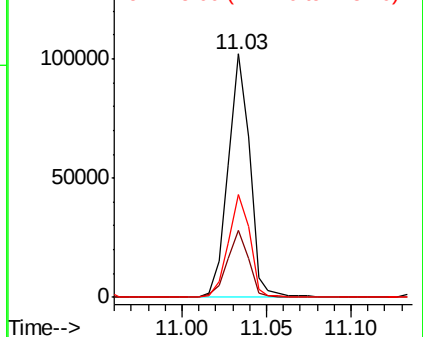
215 42.3 23.8 63.8



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: 109.823 ng

RT: 11.15 min Scan# 1540

Delta R.T. 0.00 min

Lab File: BF117121.D

Acq: 17 Sep 2019 21:44

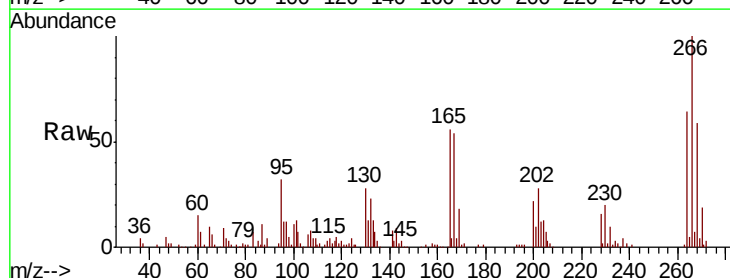
Tgt Ion:266 Resp: 120498

Ion Ratio Lower Upper

266 100

268 59.3 50.5 75.7

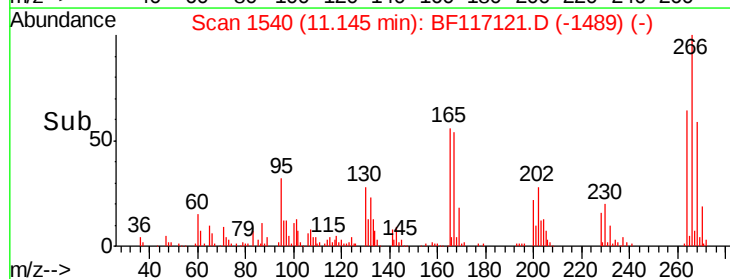
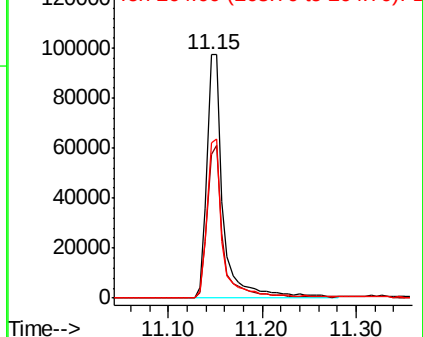
264 63.8 48.8 73.2

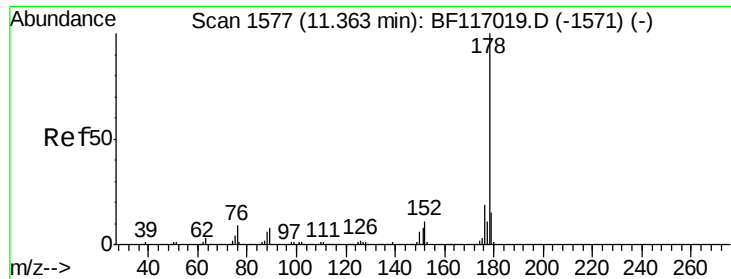


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

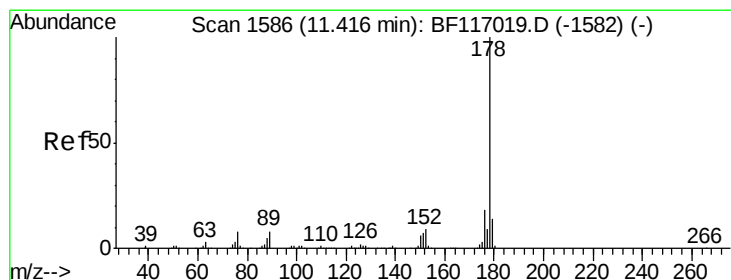
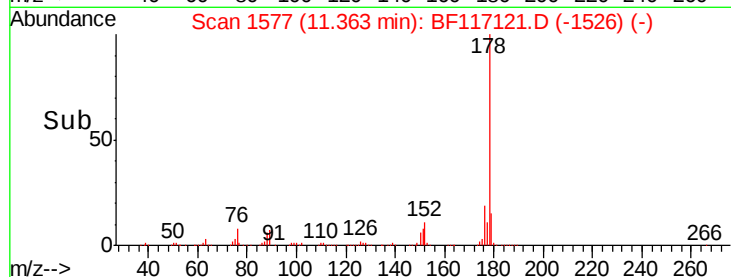
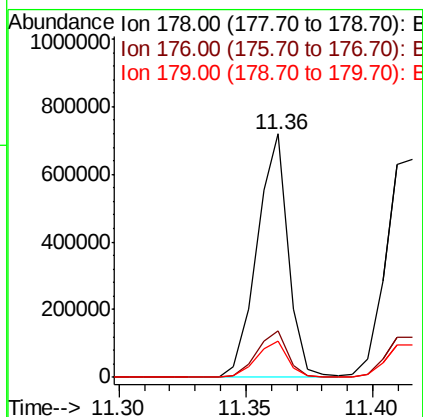
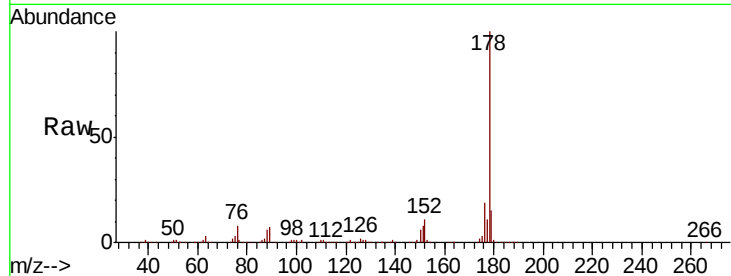




#71  
Phenanthrene  
Concen: 51.998 ng  
RT: 11.36 min Scan# 1577  
Delta R.T. 0.00 min  
Lab File: BF117121.D  
Acq: 17 Sep 2019 21:44

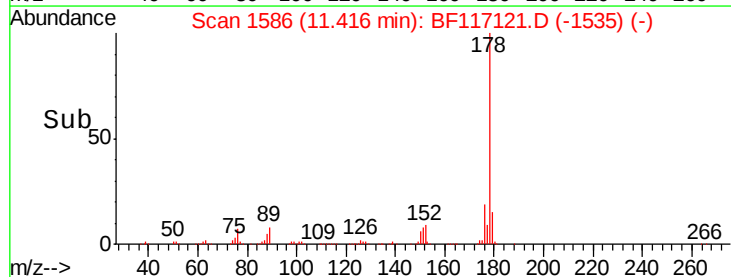
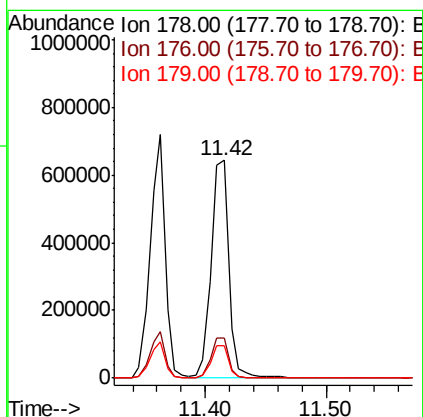
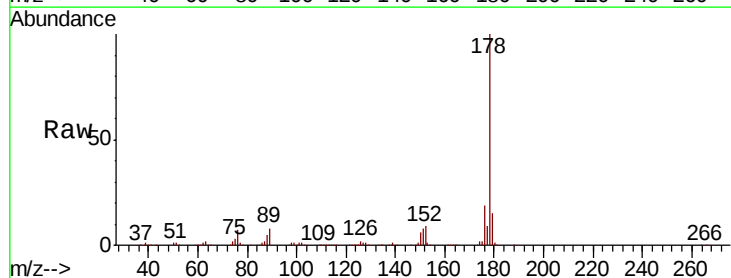
Instrument :  
BNA\_F  
ClientSampleId :  
HD-02-091319MSD

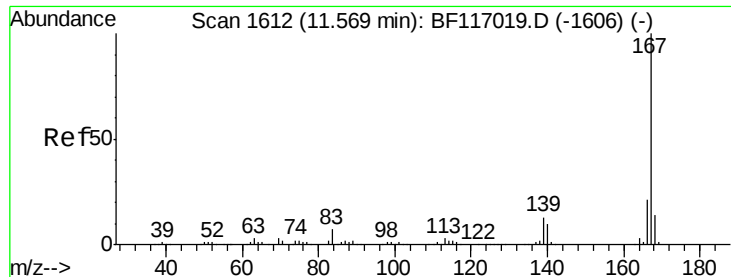
Tot Ion:178 Resp: 618916  
Ion Ratio Lower Upper  
178 100  
176 19.0 15.4 23.2  
179 15.0 12.4 18.6



#72  
Anthracene  
Concen: 53.270 ng  
RT: 11.42 min Scan# 1586  
Delta R.T. 0.00 min  
Lab File: BF117121.D  
Acq: 17 Sep 2019 21:44

Tgt Ion:178 Resp: 647323  
Ion Ratio Lower Upper  
178 100  
176 18.5 14.6 21.8  
179 15.0 11.6 17.4





#73

Carbazole

Concen: 52.515 ng

RT: 11.57 min Scan# 1612

Delta R.T. 0.00 min

Lab File: BF117121.D

Acq: 17 Sep 2019 21:44

Instrument :

BNA\_F

ClientSampleId :

HD-02-091319MSD

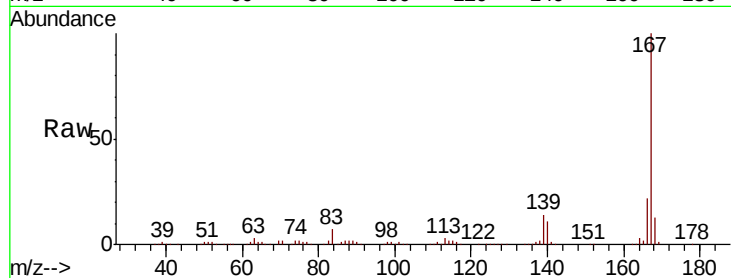
Tot Ion:167 Resp: 605733

Ion Ratio Lower Upper

167 100

166 21.8 17.2 25.8

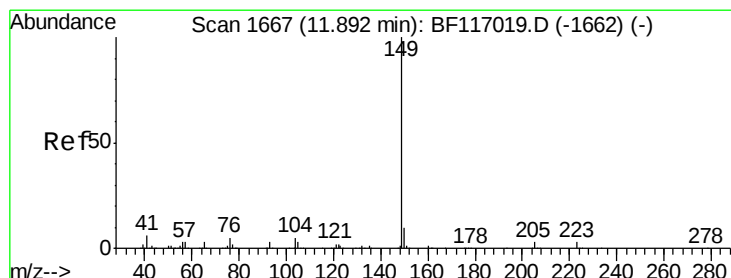
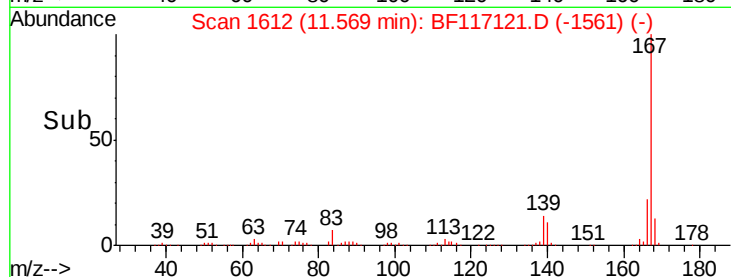
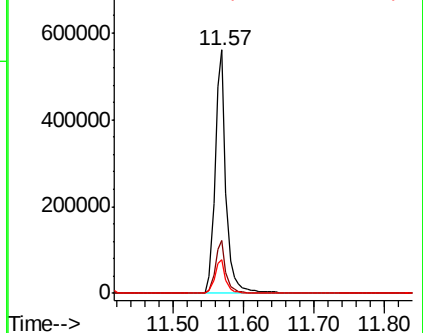
139 13.6 10.6 16.0



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 53.609 ng

RT: 11.89 min Scan# 1667

Delta R.T. 0.00 min

Lab File: BF117121.D

Acq: 17 Sep 2019 21:44

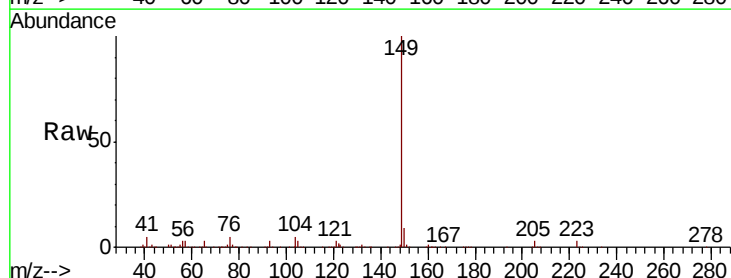
Tgt Ion:149 Resp: 735700

Ion Ratio Lower Upper

149 100

150 9.0 7.7 11.5

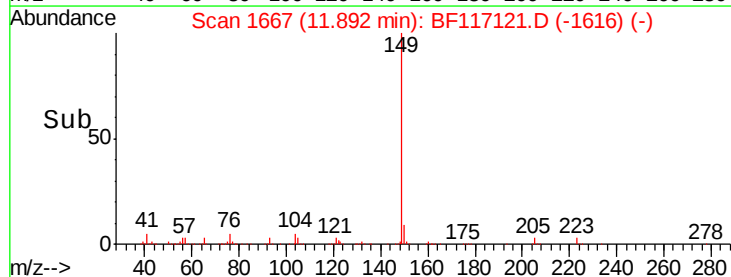
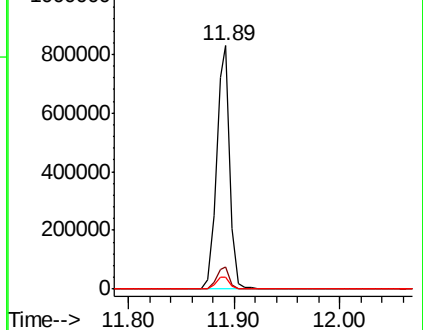
104 4.9 4.2 6.4

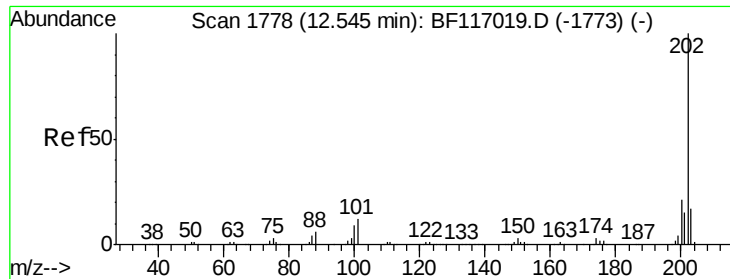


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

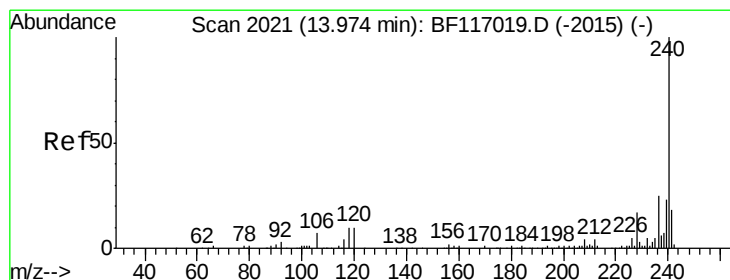
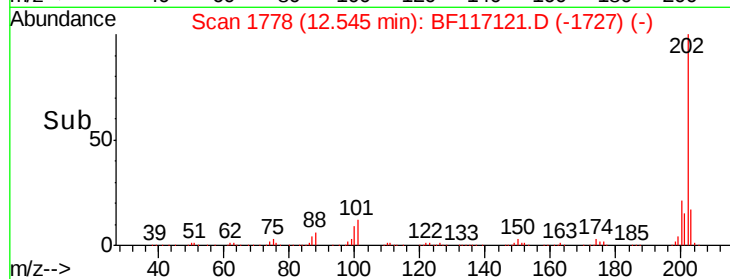
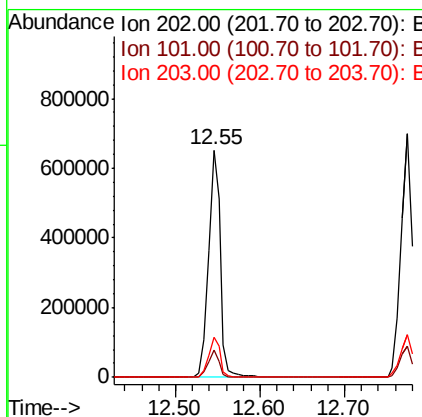
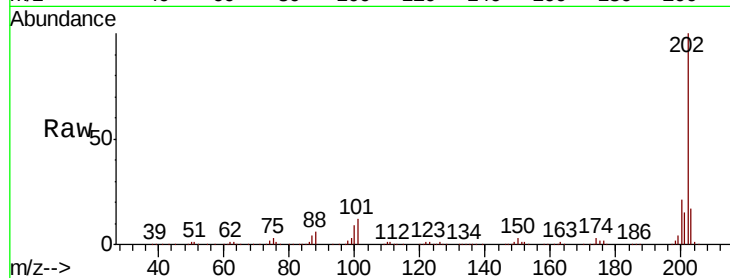




#75  
 Fluoranthene  
 Concen: 52.203 ng  
 RT: 12.55 min Scan# 1778  
 Delta R.T. 0.00 min  
 Lab File: BF117121.D  
 Acq: 17 Sep 2019 21:44

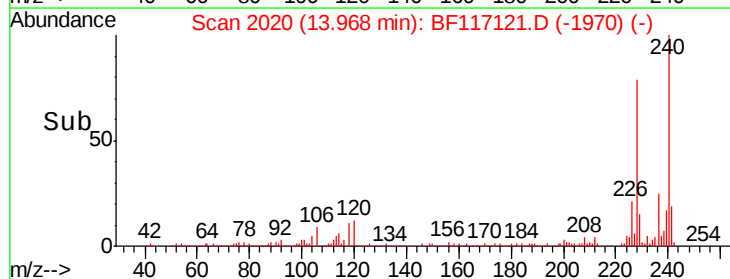
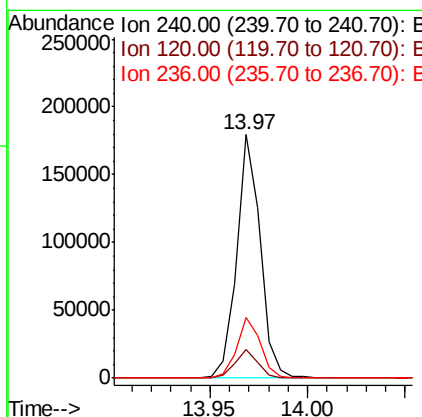
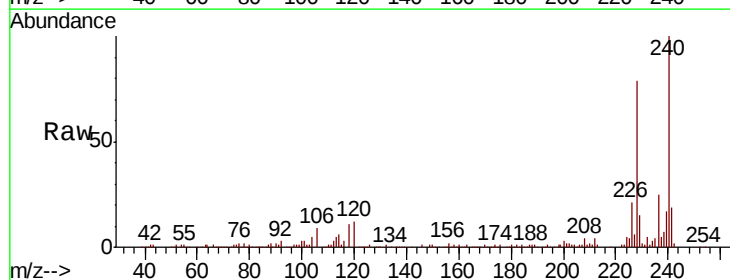
Instrument :  
 BNA\_F  
 ClientSampleId :  
 HD-02-091319MSD

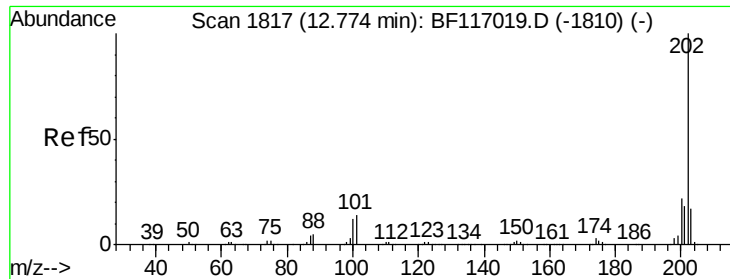
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 101     | 12.1  | 0.0   | 32.3  |
| 203     | 17.5  | 0.0   | 37.1  |



#76  
 Chrysene-d12  
 Concen: 20.000 ng  
 RT: 13.97 min Scan# 2020  
 Delta R.T. -0.01 min  
 Lab File: BF117121.D  
 Acq: 17 Sep 2019 21:44

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 240     | 100   |       |       |
| 120     | 11.6  | 8.3   | 12.5  |
| 236     | 25.0  | 20.3  | 30.5  |

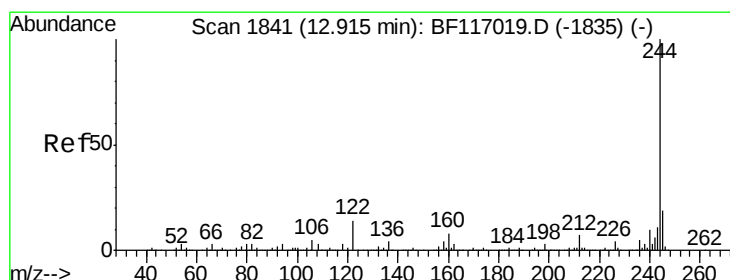
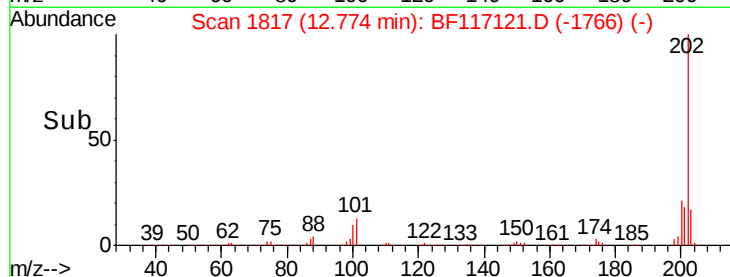
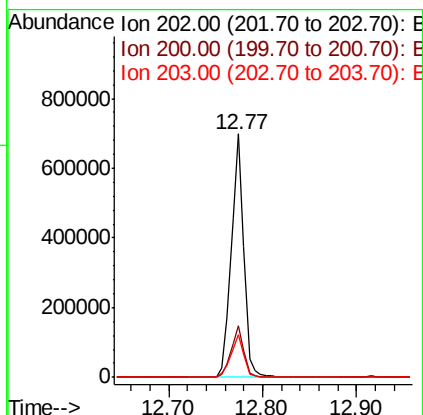
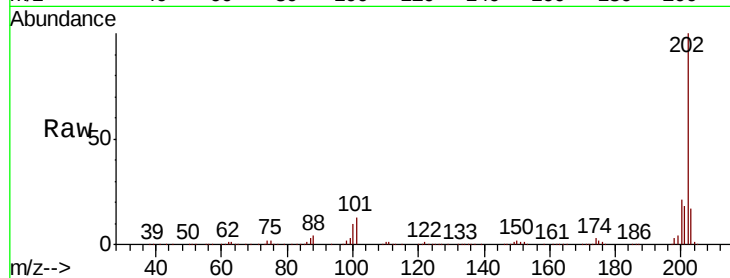




#78  
Pvrene  
Concen: 51.721 ng  
RT: 12.77 min Scan# 1817  
Delta R.T. 0.00 min  
Lab File: BF117121.D  
Acq: 17 Sep 2019 21:44

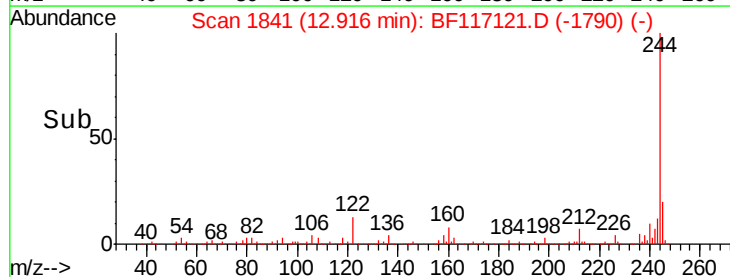
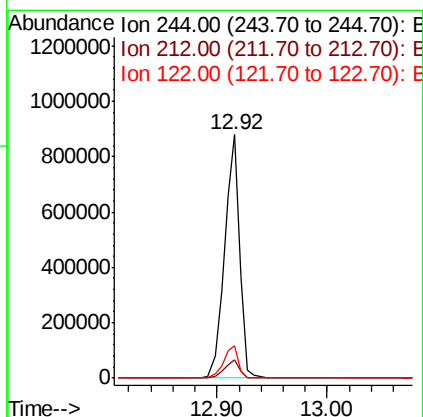
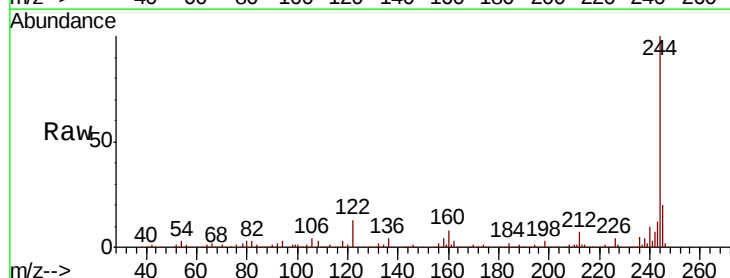
Instrument :  
BNA\_F  
ClientSampleId :  
HD-02-091319MSD

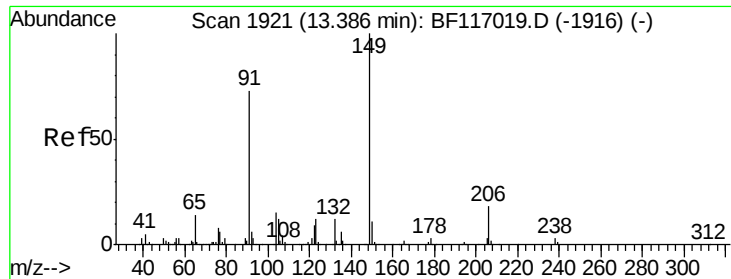
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 200     | 21.2  | 17.2  | 25.8  |
| 203     | 17.3  | 14.0  | 21.0  |



#79  
Terphenyl-d14  
Concen: 103.918 ng  
RT: 12.92 min Scan# 1841  
Delta R.T. 0.00 min  
Lab File: BF117121.D  
Acq: 17 Sep 2019 21:44

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 7.4   | 5.8   | 8.8   |
| 122     | 13.2  | 11.3  | 16.9  |

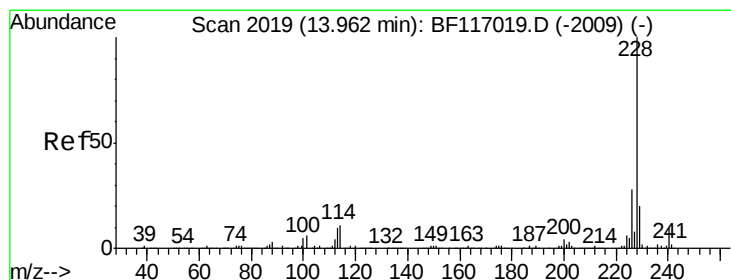
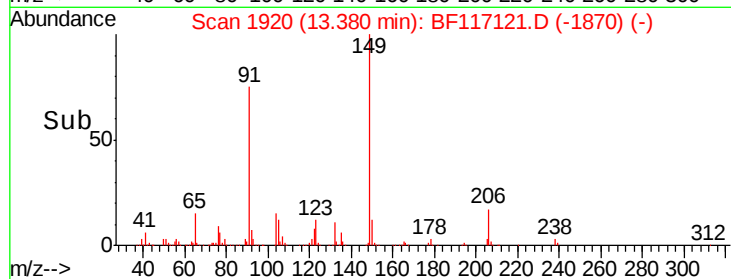
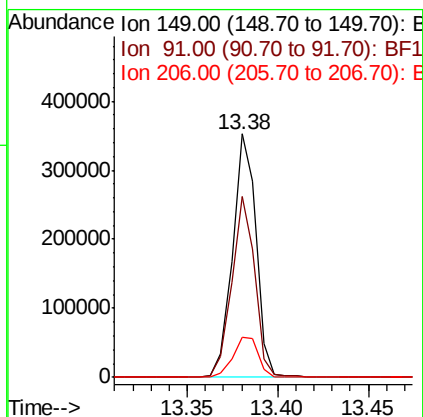
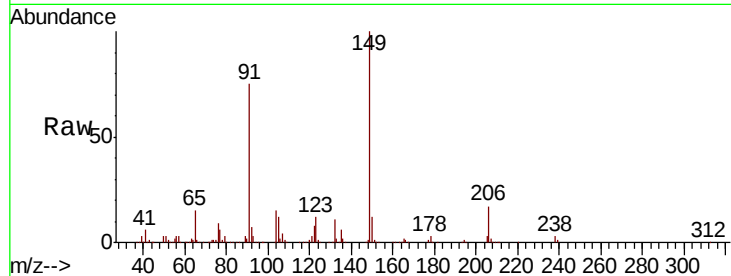




#80  
Butylbenzylphthalate  
Concen: 53.359 ng  
RT: 13.38 min Scan# 1920  
Delta R.T. -0.01 min  
Lab File: BF117121.D  
Acq: 17 Sep 2019 21:44

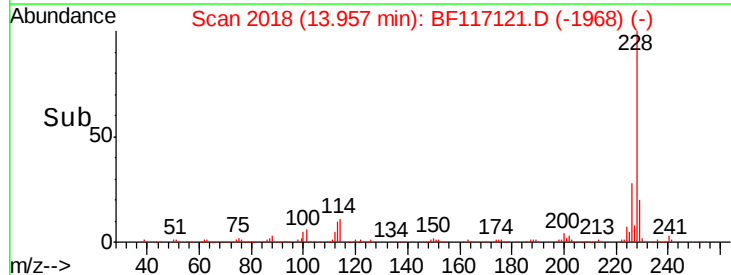
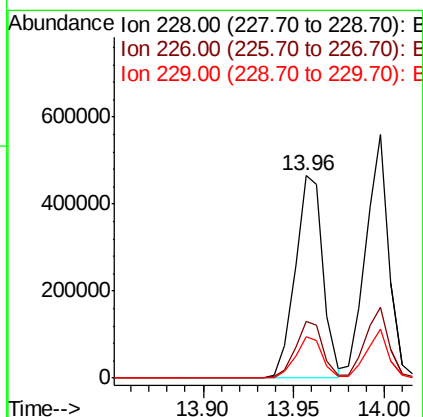
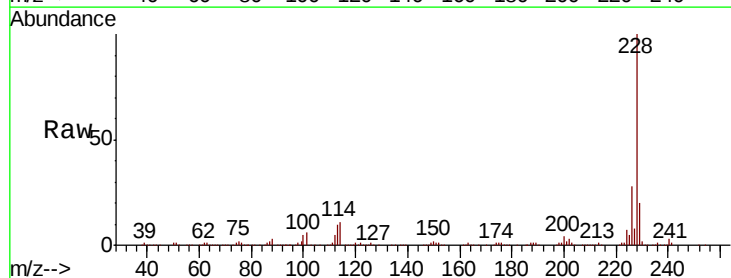
Instrument :  
BNA\_F  
ClientSampleId :  
HD-02-091319MSD

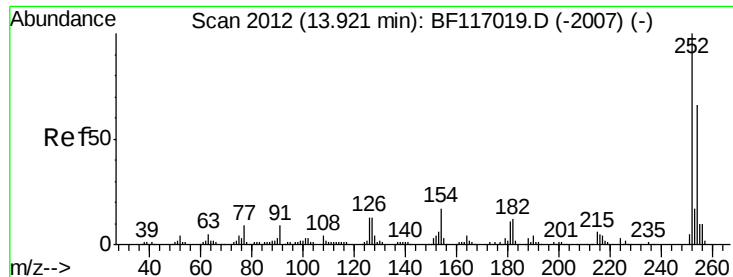
Tot Ion:149 Resp: 317522  
Ion Ratio Lower Upper  
149 100  
91 74.5 58.8 88.2  
206 16.6 14.1 21.1



#81  
Benzo(a)anthracene  
Concen: 49.723 ng  
RT: 13.96 min Scan# 2018  
Delta R.T. -0.01 min  
Lab File: BF117121.D  
Acq: 17 Sep 2019 21:44

Tgt Ion:228 Resp: 498608  
Ion Ratio Lower Upper  
228 100  
226 28.2 22.3 33.5  
229 20.2 15.9 23.9

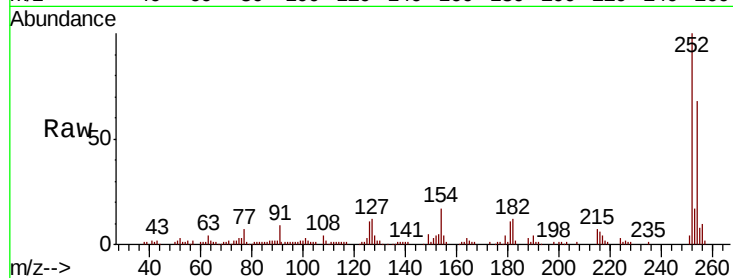




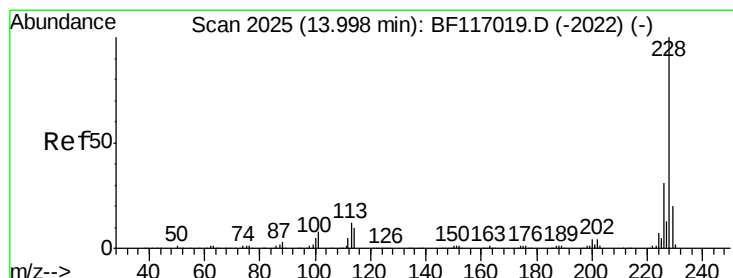
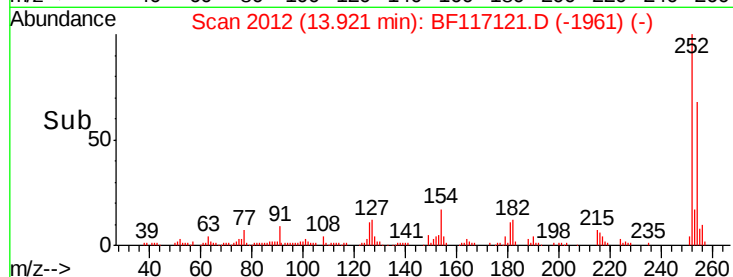
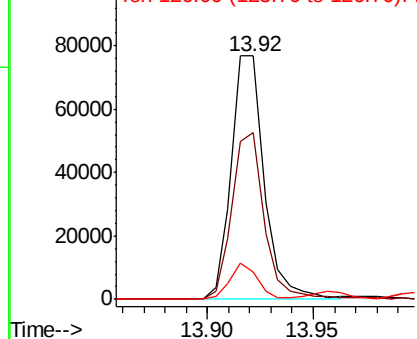
#82  
 3,3'-Dichlorobenzidine  
 Concen: 25.761 ng  
 RT: 13.92 min Scan# 2012  
 Delta R.T. 0.00 min  
 Lab File: BF117121.D  
 Acq: 17 Sep 2019 21:44

Instrument :  
 BNA\_F  
 ClientSampleId :  
 HD-02-091319MSD

Tot Ion:252 Resp: 83244  
 Ion Ratio Lower Upper  
 252 100  
 254 68.4 52.6 79.0  
 126 11.3 10.4 15.6

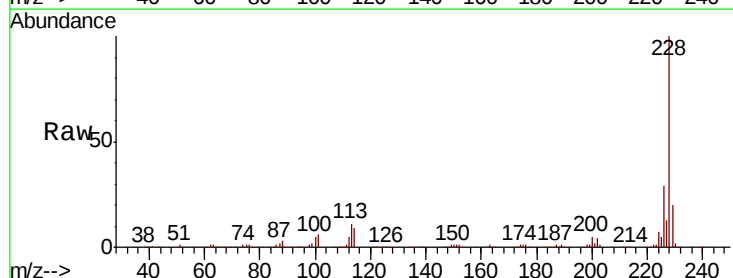


Abundance Ion 252.00 (251.70 to 252.70): E  
 Ion 254.00 (253.70 to 254.70): E  
 Ion 126.00 (125.70 to 126.70): E

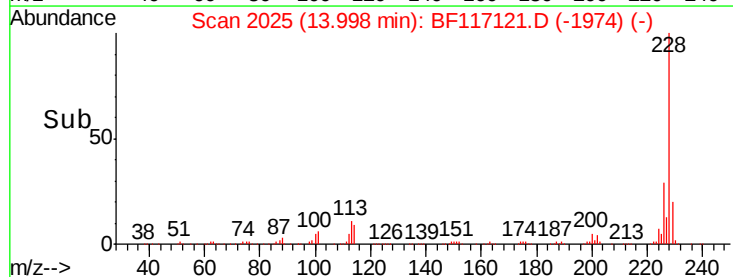
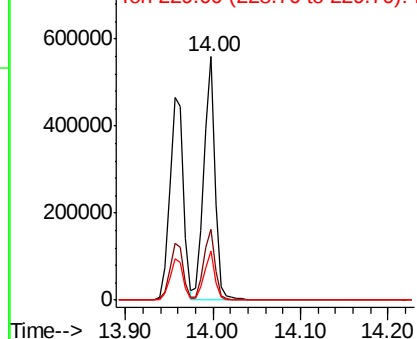


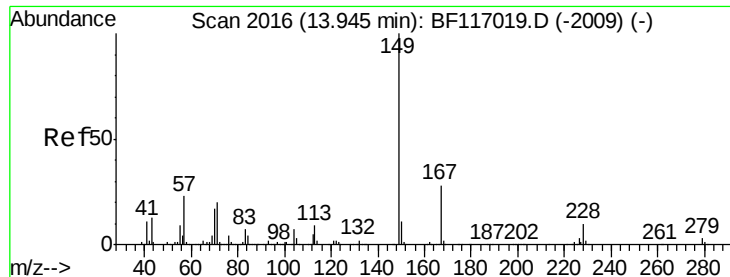
#83  
 Chrysene  
 Concen: 51.683 ng  
 RT: 14.00 min Scan# 2025  
 Delta R.T. 0.00 min  
 Lab File: BF117121.D  
 Acq: 17 Sep 2019 21:44

Tgt Ion:228 Resp: 505465  
 Ion Ratio Lower Upper  
 228 100  
 226 29.2 24.8 37.2  
 229 19.9 15.8 23.8



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





#84

Bis(2-ethylhexyl)phthalate

Concen: 56.037 ng

RT: 13.94 min Scan# 2015

Delta R.T. -0.01 min

Lab File: BF117121.D

Acq: 17 Sep 2019 21:44

Instrument :

BNA\_F

ClientSampleId :

HD-02-091319MSD

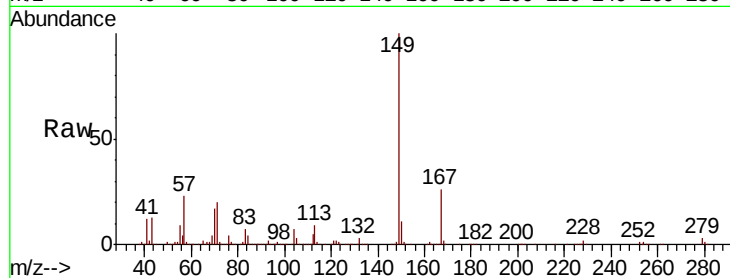
Tot Ion:149 Resp: 429947

Ion Ratio Lower Upper

149 100

167 26.4 22.2 33.2

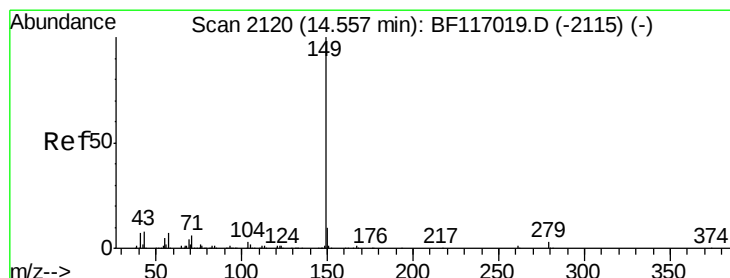
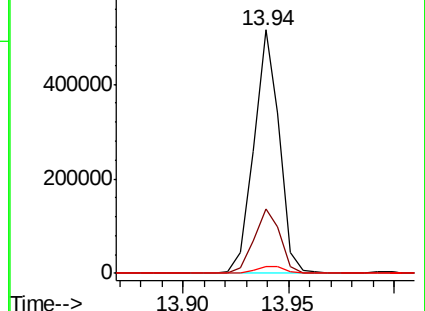
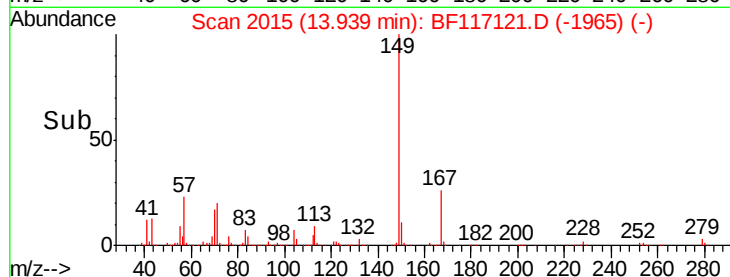
279 3.1 2.8 4.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85

Di-n-octyl phthalate

Concen: 58.479 ng

RT: 14.54 min Scan# 2118

Delta R.T. -0.01 min

Lab File: BF117121.D

Acq: 17 Sep 2019 21:44

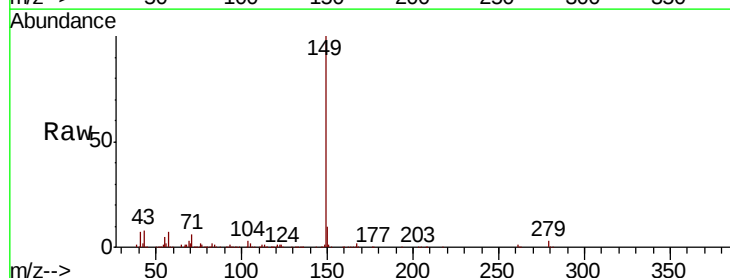
Tgt Ion:149 Resp: 706195

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

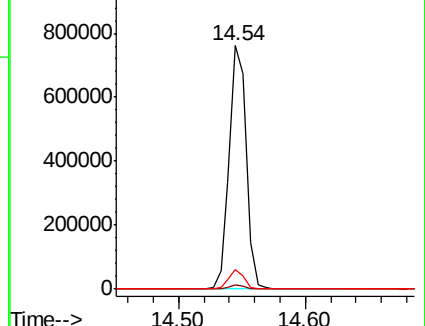
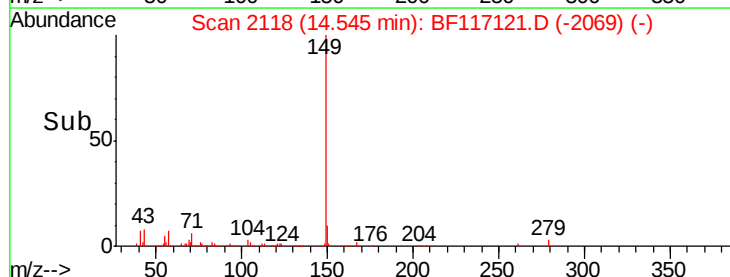
43 7.4 6.2 9.4

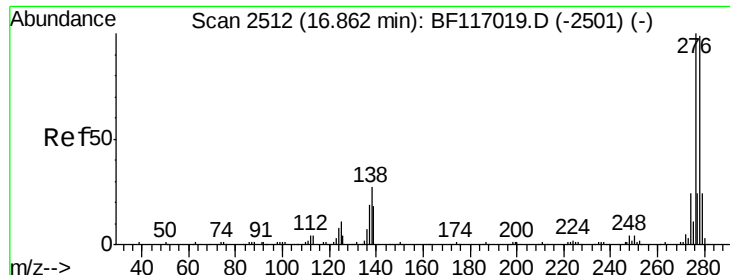


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

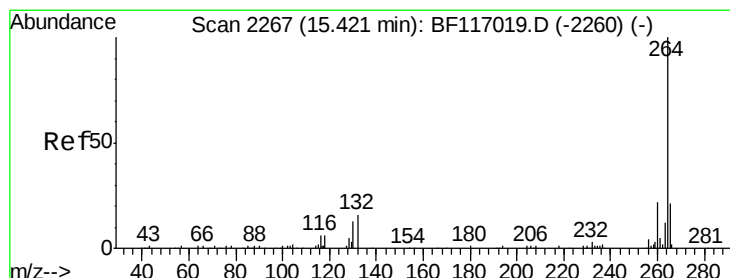
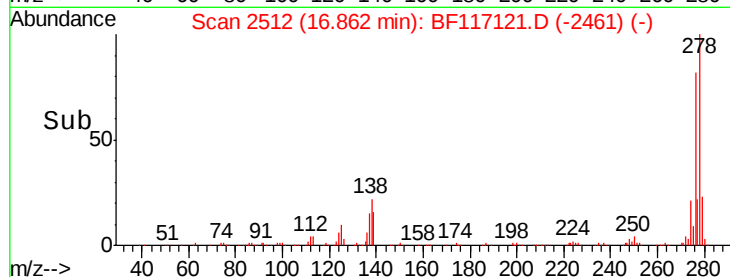
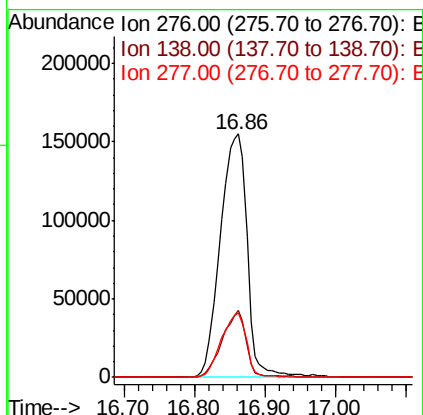
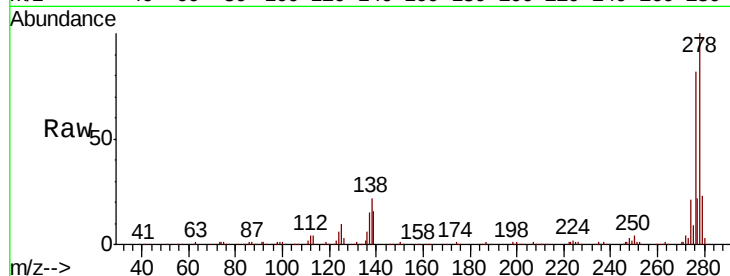




#86  
 Indeno(1,2,3-cd)pyrene  
 Concen: 57.405 ng  
 RT: 16.86 min Scan# 2512  
 Delta R.T. 0.00 min  
 Lab File: BF117121.D  
 Acq: 17 Sep 2019 21:44

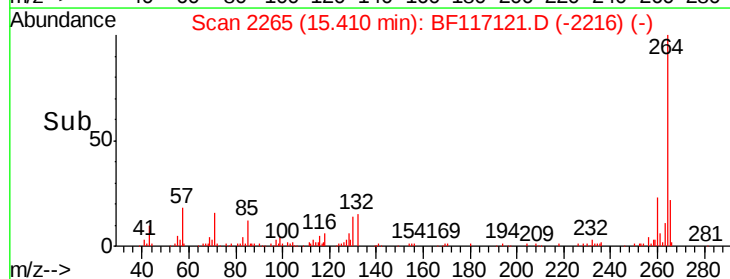
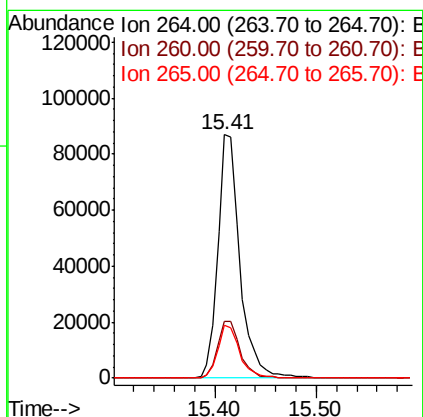
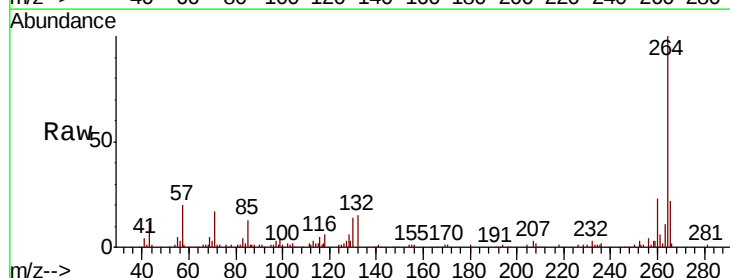
Instrument :  
 BNA\_F  
 ClientSampleId :  
 HD-02-091319MSD

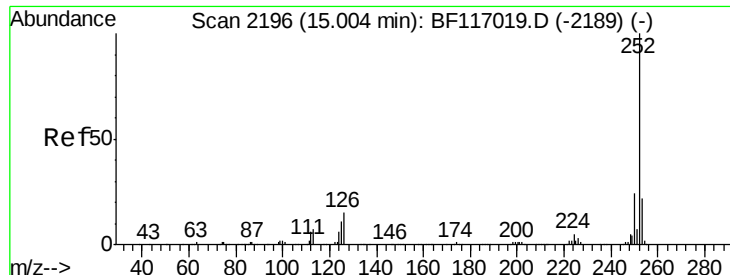
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 24.6  | 20.7  | 31.1  |
| 277     | 25.0  | 19.8  | 29.8  |



#87  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.41 min Scan# 2265  
 Delta R.T. -0.01 min  
 Lab File: BF117121.D  
 Acq: 17 Sep 2019 21:44

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 23.5  | 17.6  | 26.4  |
| 265     | 22.0  | 16.6  | 24.8  |

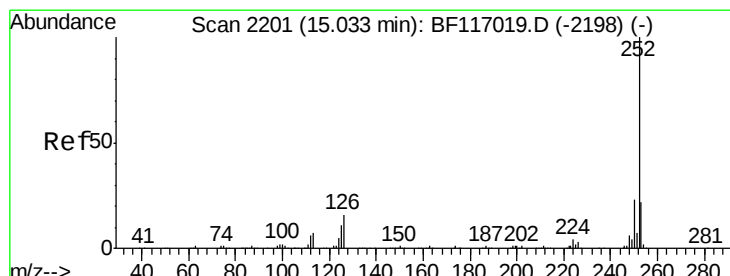
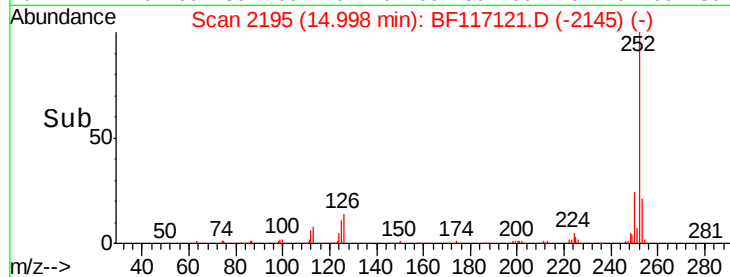
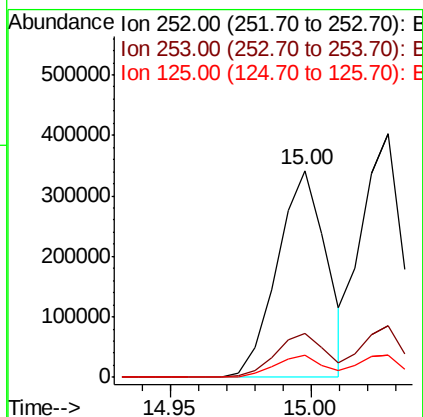
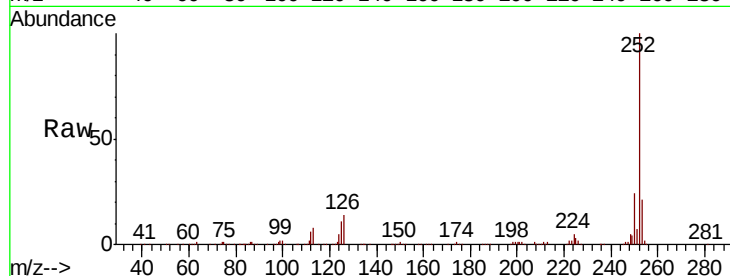




#88  
Benzo(b)fluoranthene  
Concen: 51.935 ng  
RT: 15.00 min Scan# 2195  
Delta R.T. -0.01 min  
Lab File: BF117121.D  
Acq: 17 Sep 2019 21:44

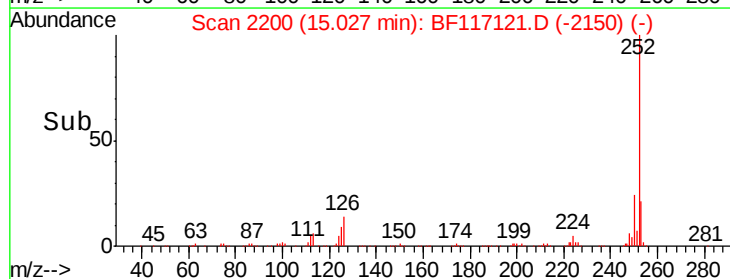
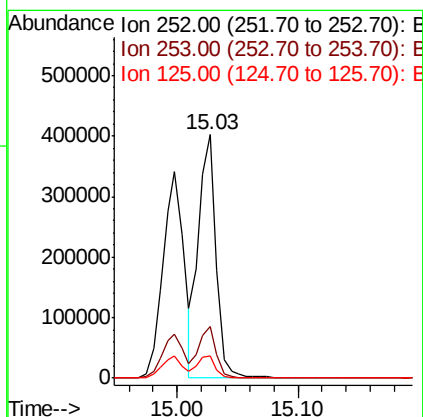
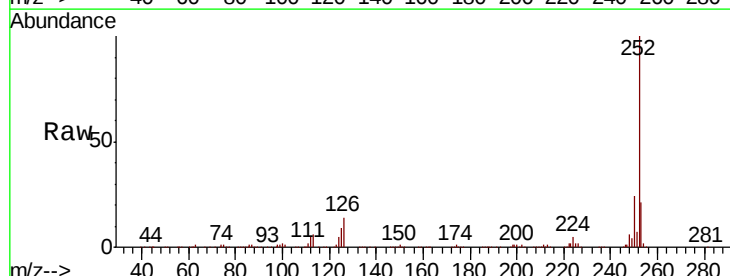
Instrument :  
BNA\_F  
ClientSampleId :  
HD-02-091319MSD

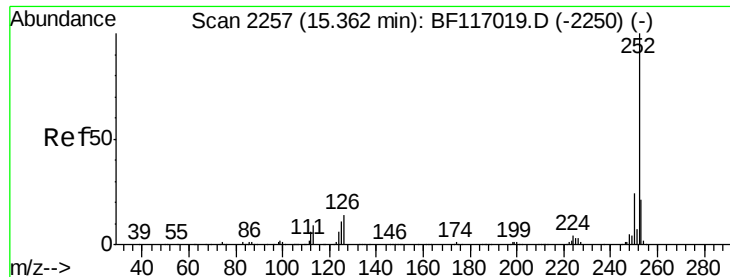
Tot Ion:252 Resp: 413776  
Ion Ratio Lower Upper  
252 100  
253 21.4 17.6 26.4  
125 10.8 8.6 12.8



#89  
Benzo(k)fluoranthene  
Concen: 54.304 ng  
RT: 15.03 min Scan# 2200  
Delta R.T. -0.01 min  
Lab File: BF117121.D  
Acq: 17 Sep 2019 21:44

Tgt Ion:252 Resp: 409832  
Ion Ratio Lower Upper  
252 100  
253 21.2 17.4 26.2  
125 9.3 8.8 13.2





#90

Benzo(a)pyrene

Concen: 55.466 ng

RT: 15.36 min Scan# 2256

Delta R.T. -0.01 min

Lab File: BF117121.D

Acq: 17 Sep 2019 21:44

Instrument :

BNA\_F

ClientSampleId :

HD-02-091319MSD

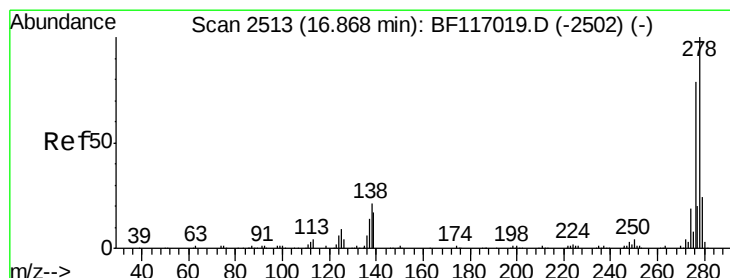
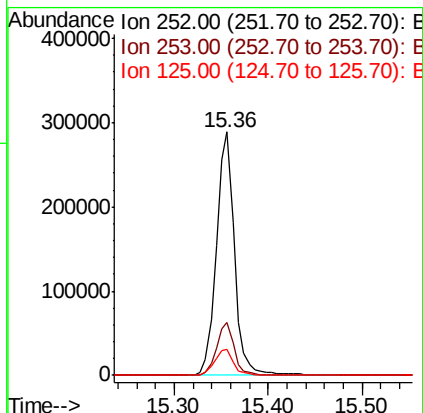
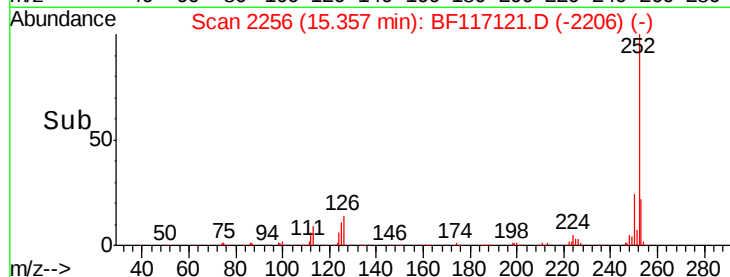
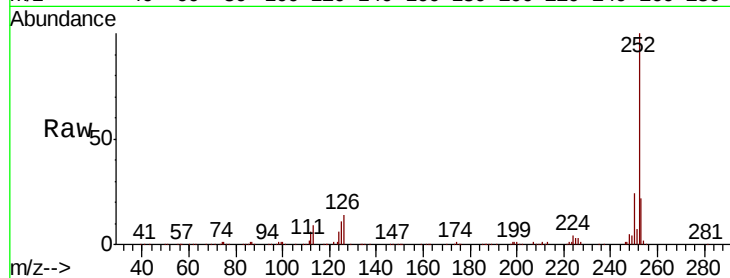
Tot Ion:252 Resp: 387779

Ion Ratio Lower Upper

252 100

253 21.7 16.6 25.0

125 10.8 8.9 13.3



#91

Dibenzo(a,h)anthracene

Concen: 61.860 ng

RT: 16.86 min Scan# 2512

Delta R.T. -0.01 min

Lab File: BF117121.D

Acq: 17 Sep 2019 21:44

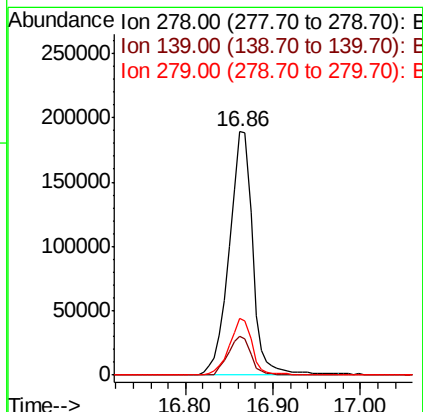
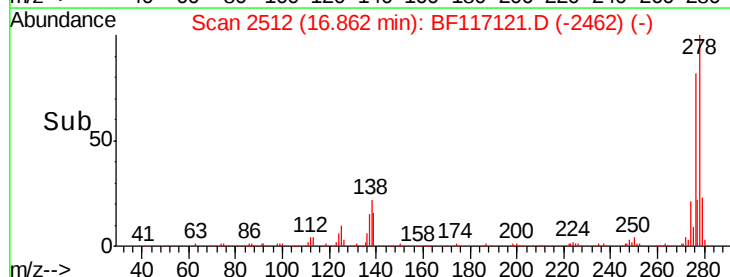
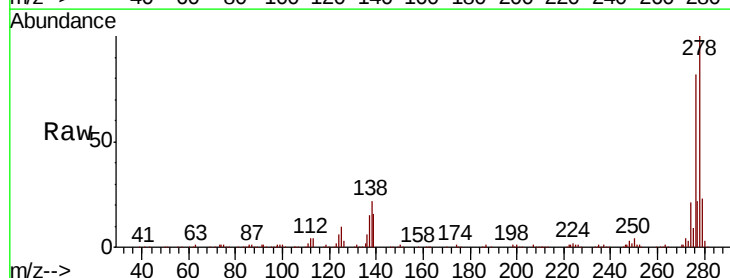
Tgt Ion:278 Resp: 344530

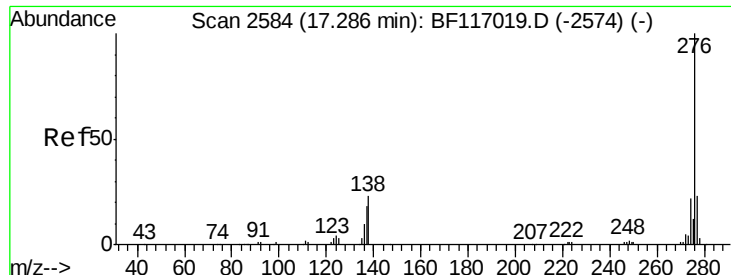
Ion Ratio Lower Upper

278 100

139 16.2 13.5 20.3

279 23.4 18.8 28.2





#92

Benzo(a,h,i)perylene

Concen: 61.604 ng

RT: 17.29 min Scan# 2584

Delta R.T. 0.00 min

Lab File: BF117121.D

Acq: 17 Sep 2019 21:44

Instrument :

BNA\_F

ClientSampleId :

HD-02-091319MSD

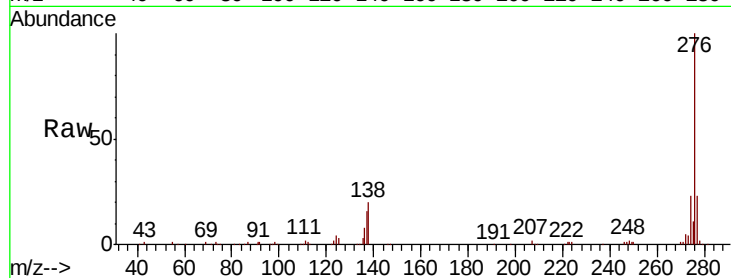
Tot Ion: 276 Resp: 341899

Ion Ratio Lower Upper

276 100

277 22.9 18.6 27.8

138 20.4 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

