

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110917\  
 Data File : BF100338.D  
 Acq On : 9 Nov 2017 13:29  
 Operator : SJ/JU  
 Sample : I6354-03MSD  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :

Quant Time: Nov 09 16:07:05 2017  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Nov 09 16:04:38 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.90  | 152  | 188181   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.19  | 136  | 713595   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 9.95  | 164  | 278830   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 11.43 | 188  | 460119   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 14.07 | 240  | 362114   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 15.55 | 264  | 269553   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |       |    |      |
|--------------------------|-------|-----|---------|-------|----|------|
| 5) 2-Fluorophenol        | 5.53  | 112 | 1135153 | 96.70 | ng | 0.02 |
| 7) Phenol-d6             | 6.53  | 99  | 1374391 | 94.94 | ng | 0.01 |
| 23) Nitrobenzene-d5      | 7.47  | 82  | 854472  | 79.17 | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 10.73 | 330 | 249084  | 87.67 | ng | 0.00 |
| 44) 2-Fluorobiphenyl     | 9.26  | 172 | 1394242 | 76.14 | ng | 0.00 |
| 78) Terphenyl-d14        | 13.01 | 244 | 1056302 | 67.03 | ng | 0.00 |

## Target Compounds

|                                |      |     |         |        |    | Qvalue |
|--------------------------------|------|-----|---------|--------|----|--------|
| 2) 1,4-Dioxane                 | 2.77 | 88  | 182570  | 31.912 | ng | 96     |
| 3) Pyridine                    | 3.55 | 79  | 458384  | 29.368 | ng | 93     |
| 4) n-Nitrosodimethylamine      | 3.49 | 42  | 261218  | 34.470 | ng | 95     |
| 6) Aniline                     | 6.57 | 93  | 186064  | 9.098  | ng | 99     |
| 8) 2-Chlorophenol              | 6.69 | 128 | 434737  | 35.005 | ng | 99     |
| 9) Benzaldehyde                | 6.46 | 77  | 277643  | 26.856 | ng | 97     |
| 10) Phenol                     | 6.55 | 94  | 537899  | 35.395 | ng | 98     |
| 11) bis(2-Chloroethyl)ether    | 6.64 | 93  | 441279  | 34.570 | ng | 94     |
| 12) 1,3-Dichlorobenzene        | 6.85 | 146 | 495854  | 34.631 | ng | 99     |
| 13) 1,4-Dichlorobenzene        | 6.92 | 146 | 499637  | 34.477 | ng | 98     |
| 14) 1,2-Dichlorobenzene        | 7.07 | 146 | 458133  | 34.192 | ng | 99     |
| 15) Benzyl Alcohol             | 7.05 | 79  | 384212  | 34.007 | ng | 97     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.18 | 45  | 789457  | 38.669 | ng | 98     |
| 17) 2-Methylphenol             | 7.15 | 107 | 367073  | 34.587 | ng | 99     |
| 18) Hexachloroethane           | 7.42 | 117 | 144013  | 30.140 | ng | 98     |
| 19) n-Nitroso-di-n-propylamine | 7.32 | 70  | 304792  | 30.360 | ng | 93     |
| 20) 3+4-Methylphenols          | 7.30 | 107 | 435198  | 32.405 | ng | # 85   |
| 22) Acetophenone               | 7.32 | 105 | 578588  | 33.251 | ng | # 97   |
| 24) Nitrobenzene               | 7.49 | 77  | 458083  | 41.234 | ng | 98     |
| 25) Isophorone                 | 7.72 | 82  | 822191  | 36.249 | ng | 98     |
| 26) 2-Nitrophenol              | 7.80 | 139 | 212920  | 41.676 | ng | 94     |
| 27) 2,4-Dimethylphenol         | 7.83 | 122 | 392877  | 38.640 | ng | 98     |
| 28) bis(2-Chloroethoxy)methane | 7.93 | 93  | 540628  | 36.439 | ng | 99     |
| 29) 2,4-Dichlorophenol         | 8.04 | 162 | 347494  | 35.800 | ng | 99     |
| 30) 1,2,4-Trichlorobenzene     | 8.13 | 180 | 372945  | 35.520 | ng | 97     |
| 31) Naphthalene                | 8.21 | 128 | 1187530 | 34.551 | ng | 99     |
| 32) Benzoic acid               | 7.89 | 122 | 25818   | 12.039 | ng | 94     |
| 33) 4-Chloroaniline            | 8.25 | 127 | 94765   | 6.624  | ng | 97     |
| 34) Hexachlorobutadiene        | 8.32 | 225 | 218318  | 34.971 | ng | 99     |
| 36) 4-Chloro-3-methylphenol    | 8.73 | 107 | 333723  | 32.012 | ng | 98     |
| 37) 2-Methylnaphthalene        | 8.90 | 142 | 766779  | 33.603 | ng | 99     |
| 39) 1,2,4,5-Tetrachlorobenzene | 9.06 | 216 | 345133  | 37.322 | ng | 97     |
| 40) Hexachlorocyclopentadiene  | 9.05 | 237 | 95610   | 21.968 | ng | 99     |
| 42) 2,4,6-Trichlorophenol      | 9.17 | 196 | 227800  | 38.868 | ng | 98     |

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110917\  
 Data File : BF100338.D  
 Acq On : 9 Nov 2017 13:29  
 Operator : SJ/JU  
 Sample : I6354-03MSD  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

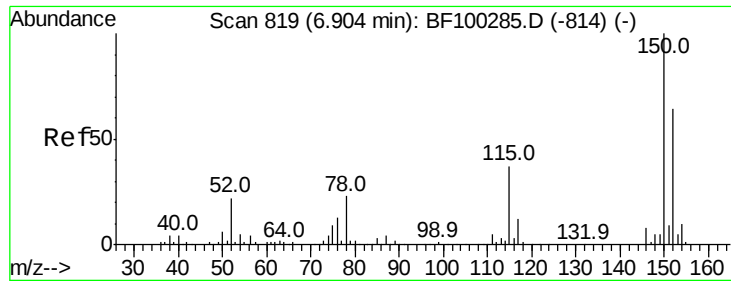
Instrument :  
 BNA\_F  
 ClientSampleId :

Quant Time: Nov 09 16:07:05 2017  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Nov 09 16:04:38 2017  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 43) 2,4,5-Trichlorophenol      | 9.21  | 196  | 222180   | 36.589 | nq    | 95       |
| 45) 1,1'-Biphenyl              | 9.36  | 154  | 868379   | 36.008 | nq    | 99       |
| 46) 2-Chloronaphthalene        | 9.39  | 162  | 661601   | 37.816 | nq    | 98       |
| 47) 2-Nitroaniline             | 9.48  | 65   | 216276   | 42.194 | nq    | 91       |
| 48) Acenaphthylene             | 9.80  | 152  | 970740   | 33.481 | nq    | 99       |
| 49) Dimethylphthalate          | 9.66  | 163  | 817833   | 38.416 | nq    | 99       |
| 50) 2,6-Dinitrotoluene         | 9.72  | 165  | 154841   | 36.744 | nq    | 98       |
| 51) Acenaphthene               | 9.97  | 154  | 579203   | 32.847 | nq    | 99       |
| 52) 3-Nitroaniline             | 9.89  | 138  | 128818   | 25.887 | nq    | 91       |
| 53) 2,4-Dinitrophenol          | 9.99  | 184  | 16396    | 19.229 | nq    | # 18     |
| 54) Dibenzofuran               | 10.15 | 168  | 847280   | 34.283 | nq    | 98       |
| 55) 4-Nitrophenol              | 10.05 | 139  | 231357   | 57.259 | nq    | 95       |
| 56) 2,4-Dinitrotoluene         | 10.12 | 165  | 182512   | 34.331 | nq    | 97       |
| 57) Fluorene                   | 10.49 | 166  | 598451   | 33.055 | nq    | 98       |
| 58) 2,3,4,6-Tetrachlorophenol  | 10.26 | 232  | 167132   | 33.583 | nq    | # 89     |
| 59) Diethylphthalate           | 10.36 | 149  | 728651   | 34.202 | nq    | 97       |
| 60) 4-Chlorophenyl-phenylether | 10.48 | 204  | 305922   | 34.445 | nq    | 91       |
| 61) 4-Nitroaniline             | 10.50 | 138  | 144333   | 30.589 | nq    | 92       |
| 62) Azobenzene                 | 10.64 | 77   | 704014   | 35.086 | nq    | 96       |
| 64) 4,6-Dinitro-2-methylphenol | 10.53 | 198  | 22733    | 16.608 | nq    | 90       |
| 65) n-Nitrosodiphenylamine     | 10.60 | 169  | 582927   | 36.436 | nq    | 95       |
| 66) 4-Bromophenyl-phenylether  | 10.97 | 248  | 185278   | 37.563 | nq    | # 84     |
| 67) Hexachlorobenzene          | 11.04 | 284  | 187100   | 36.269 | nq    | # 85     |
| 68) Atrazine                   | 11.12 | 200  | 171126   | 35.336 | nq    | 96       |
| 69) Pentachlorophenol          | 11.23 | 266  | 205017   | 55.424 | nq    | 97       |
| 70) Phenanthrene               | 11.45 | 178  | 846097   | 34.925 | nq    | 99       |
| 71) Anthracene                 | 11.50 | 178  | 865482   | 35.213 | nq    | 99       |
| 72) Carbazole                  | 11.66 | 167  | 762666   | 33.629 | nq    | 99       |
| 73) Di-n-butylphthalate        | 11.99 | 149  | 1033575  | 38.945 | nq    | 99       |
| 74) Fluoranthene               | 12.64 | 202  | 892731   | 34.771 | nq    | 98       |
| 76) Benzidine                  | 12.76 | 184  | 64735    | 4.464  | nq    | 98       |
| 77) Pyrene                     | 12.87 | 202  | 907693   | 35.164 | nq    | 99       |
| 79) Butylbenzylphthalate       | 13.49 | 149  | 424615   | 40.336 | nq    | # 94     |
| 80) Benzo(a)anthracene         | 14.06 | 228  | 764765   | 35.071 | nq    | 99       |
| 81) 3,3'-Dichlorobenzidine     | 14.02 | 252  | 142976   | 18.300 | nq    | 100      |
| 82) Chrysene                   | 14.10 | 228  | 724975   | 34.332 | nq    | 100      |
| 83) Bis(2-ethylhexyl)phthalate | 14.04 | 149  | 569386   | 41.125 | nq    | 100      |
| 84) Di-n-octyl phthalate       | 14.66 | 149  | 953305   | 40.080 | nq    | 99       |
| 85) Indeno(1,2,3-cd)pyrene     | 17.05 | 276  | 515761   | 30.197 | nq    | 96       |
| 87) Benzo(b)fluoranthene       | 15.12 | 252  | 608961   | 38.133 | nq    | 98       |
| 88) Benzo(k)fluoranthene       | 15.14 | 252  | 513477   | 34.030 | nq    | 98       |
| 89) Benzo(a)pyrene             | 15.49 | 252  | 515420   | 36.406 | nq    | 99       |
| 90) Dibenzo(a,h)anthracene     | 17.07 | 278  | 437482   | 37.785 | nq    | 97       |
| 91) Benzo(g,h,i)perylene       | 17.51 | 276  | 428753   | 37.830 | nq    | 95       |

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



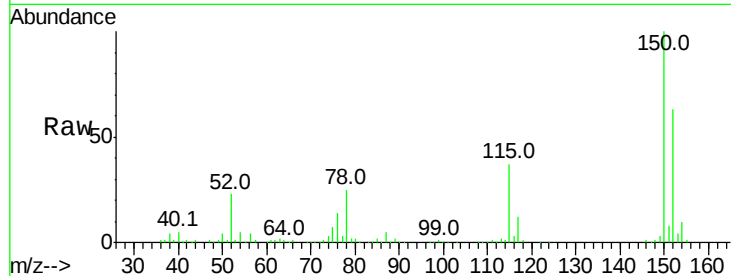


#1

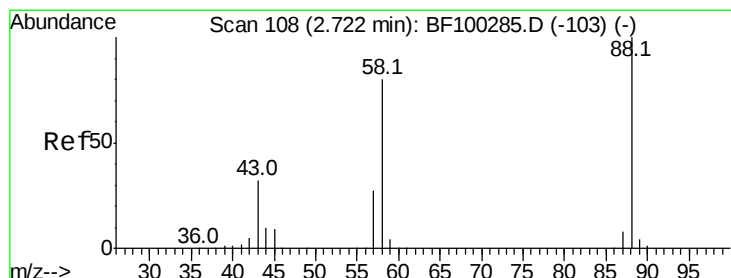
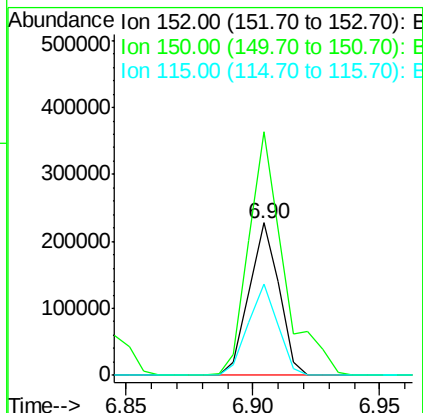
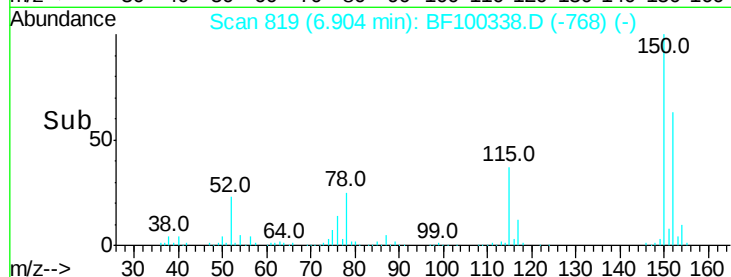
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.90 min Scan# 819  
Delta R.T. 0.00 min  
Lab File: BF100338.D  
Acq: 9 Nov 2017 13:29

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:152 Resp: 188181  
Ion Ratio Lower Upper  
152 100  
150 159.6 124.6 186.8  
115 59.5 50.1 75.1



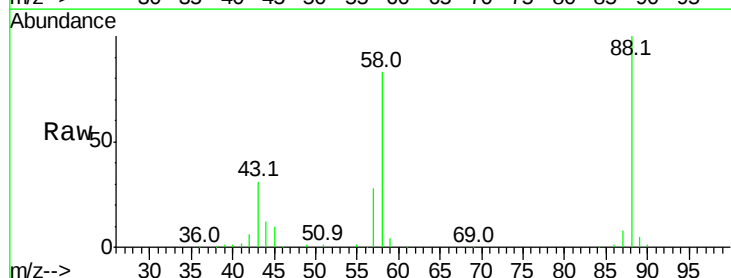
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



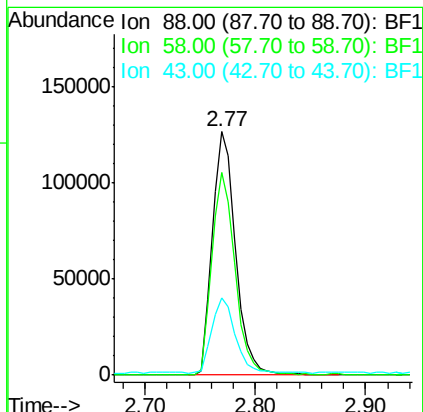
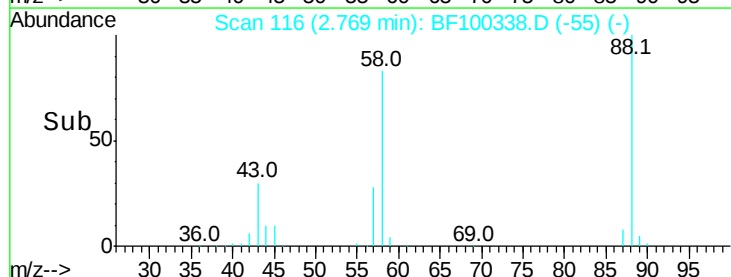
#2

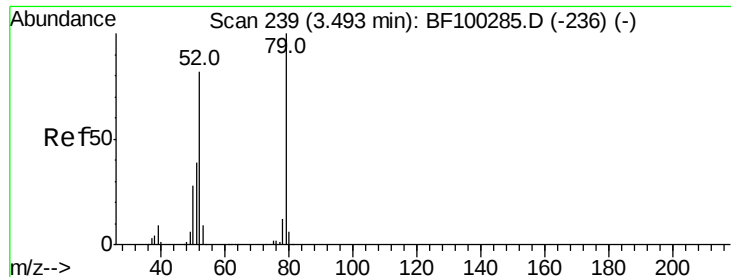
1,4-Dioxane  
Concen: 31.912 ng  
RT: 2.77 min Scan# 116  
Delta R.T. 0.06 min  
Lab File: BF100338.D  
Acq: 9 Nov 2017 13:29

Tgt Ion: 88 Resp: 182570  
Ion Ratio Lower Upper  
88 100  
58 83.2 62.6 93.8  
43 30.9 24.6 37.0



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

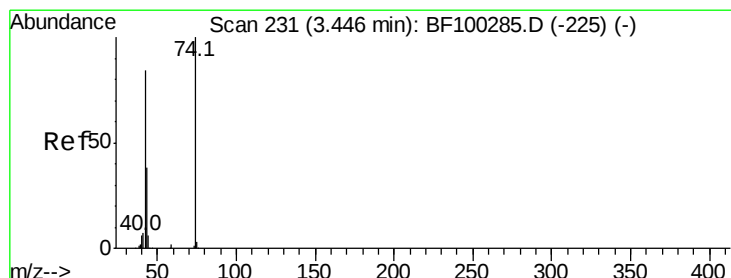
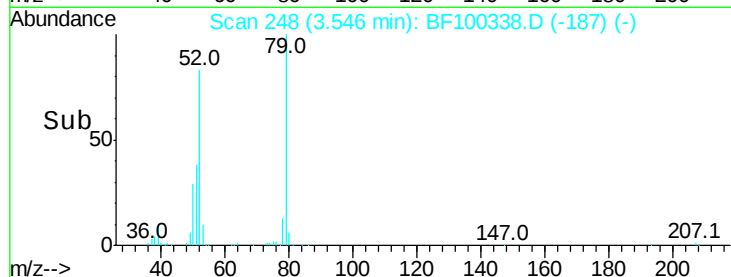
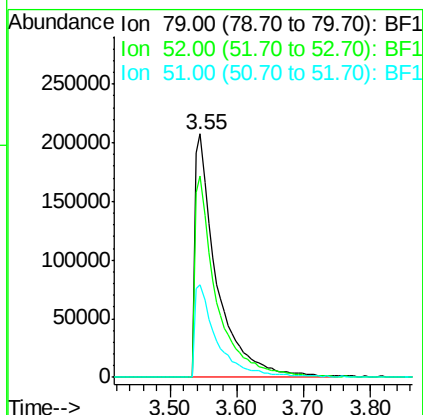
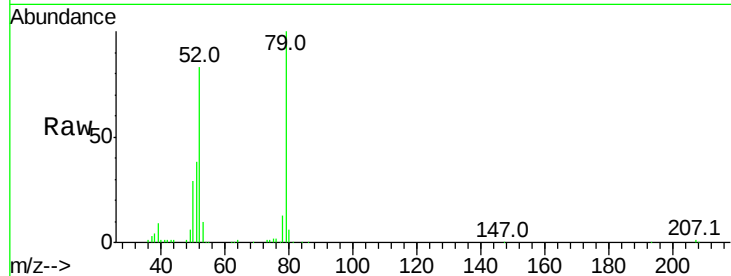




#3  
 Pvridine  
 Concen: 29.368 ng  
 RT: 3.55 min Scan# 248  
 Delta R.T. 0.06 min  
 Lab File: BF100338.D  
 Acq: 9 Nov 2017 13:29

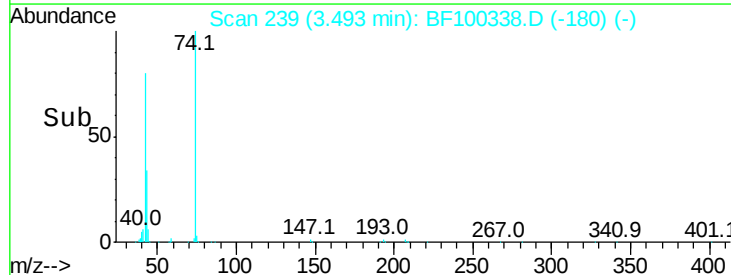
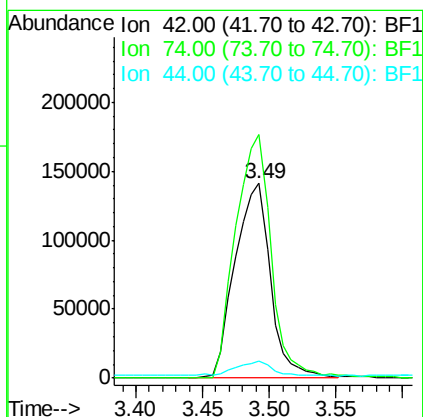
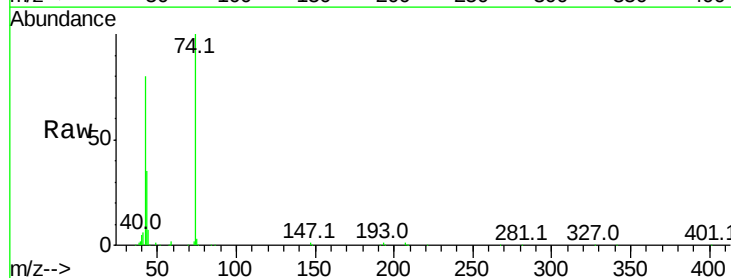
Instrument :  
 BNA\_F  
 ClientSampled :

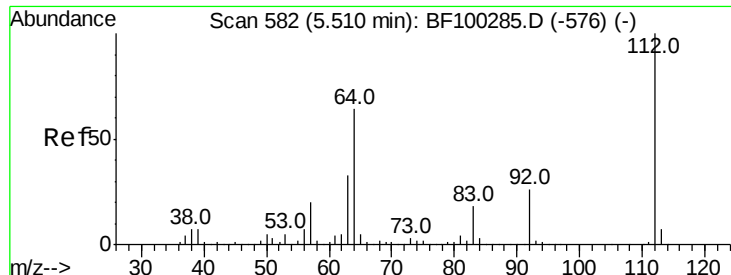
Tot Ion: 79 Resp: 458384  
 Ion Ratio Lower Upper  
 79 100  
 52 82.5 59.8 89.6  
 51 38.0 29.8 44.8



#4  
 n-Nitrosodimethylamine  
 Concen: 34.470 ng  
 RT: 3.49 min Scan# 239  
 Delta R.T. 0.05 min  
 Lab File: BF100338.D  
 Acq: 9 Nov 2017 13:29

Tgt Ion: 42 Resp: 261218  
 Ion Ratio Lower Upper  
 42 100  
 74 125.2 104.9 157.3  
 44 8.7 6.9 10.3





#5

2-Fluorophenol

Concen: 96.696 ng

RT: 5.53 min Scan# 586

Delta R.T. 0.02 min

Lab File: BF100338.D

Acq: 9 Nov 2017 13:29

Instrument :  
BNA\_F  
ClientSampleId :

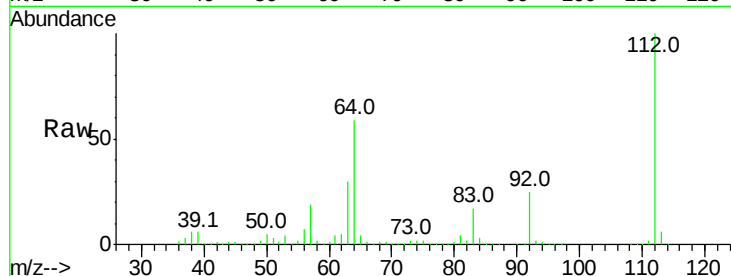
Tot Ion:112 Resp: 1135153

Ion Ratio Lower Upper

112 100

64 59.1 47.9 71.9

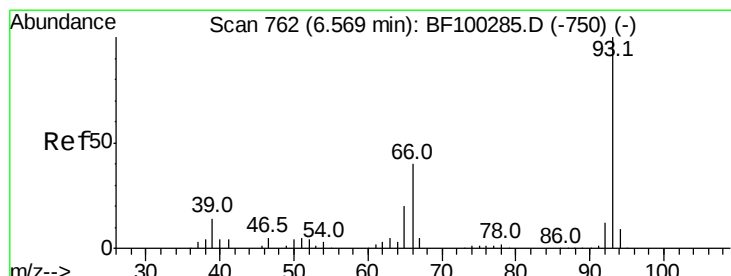
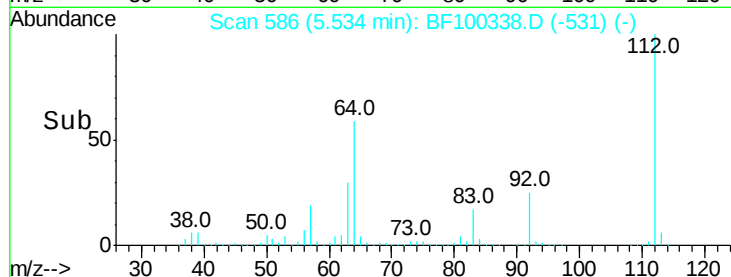
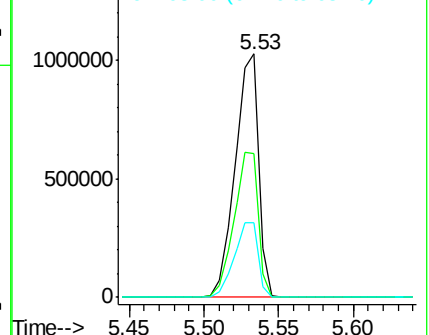
63 30.5 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 9.098 ng

RT: 6.57 min Scan# 762

Delta R.T. 0.00 min

Lab File: BF100338.D

Acq: 9 Nov 2017 13:29

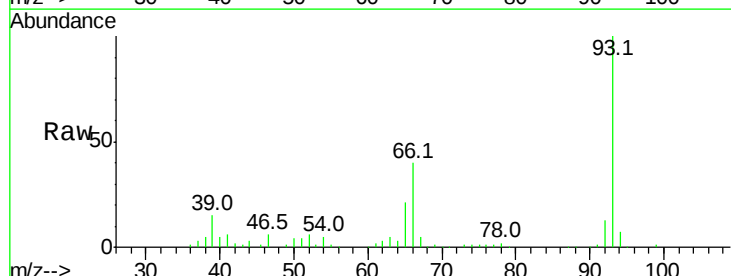
Tgt Ion: 93 Resp: 186064

Ion Ratio Lower Upper

93 100

66 40.5 32.2 48.2

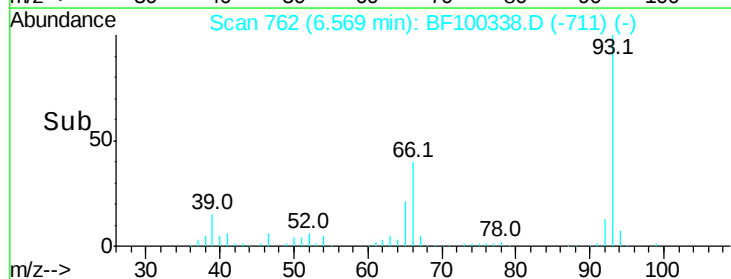
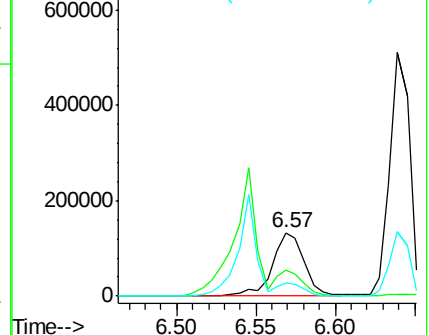
65 21.0 16.4 24.6



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: 94.941 ng

RT: 6.53 min Scan# 756

Delta R.T. 0.01 min

Lab File: BF100338.D

Acq: 9 Nov 2017 13:29

Instrument :

BNA\_F

ClientSampleId :

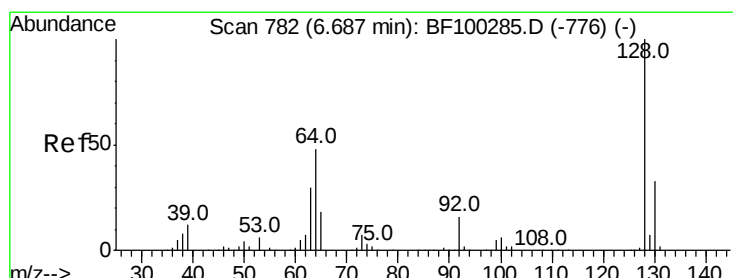
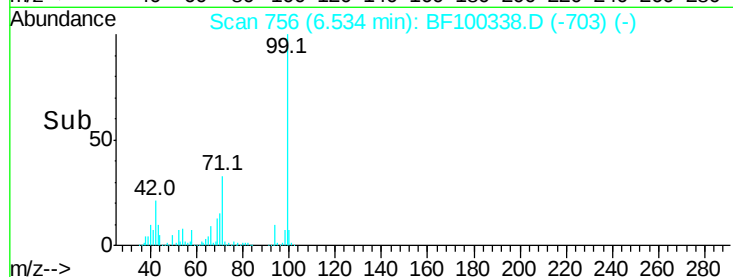
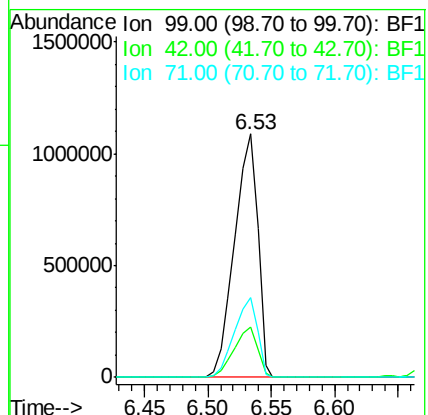
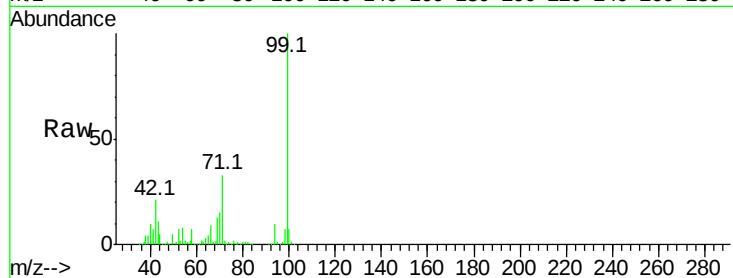
Tot Ion: 99 Resp: 1374391

Ion Ratio Lower Upper

99 100

42 20.6 14.5 21.7

71 32.9 25.4 38.0



#8

2-Chlorophenol

Concen: 35.005 ng

RT: 6.69 min Scan# 783

Delta R.T. 0.01 min

Lab File: BF100338.D

Acq: 9 Nov 2017 13:29

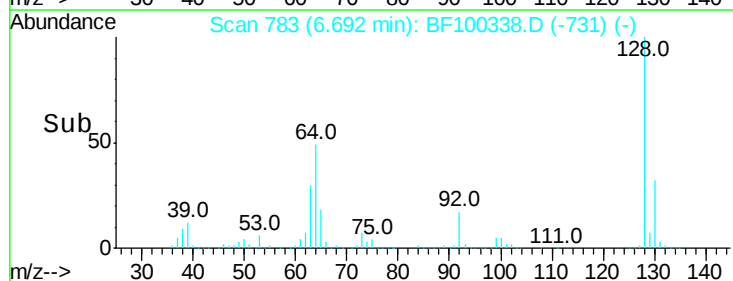
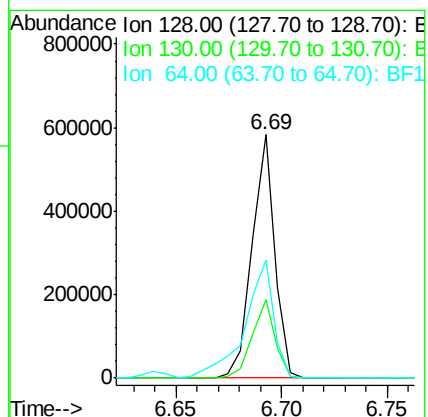
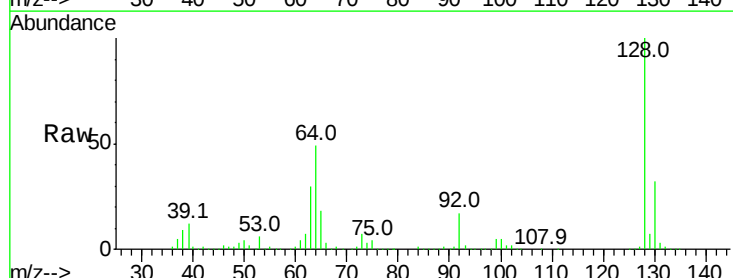
Tgt Ion: 128 Resp: 434737

Ion Ratio Lower Upper

128 100

130 32.1 13.0 53.0

64 48.8 29.4 69.4





#9

Benzaldehyde

Concen: 26.856 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.00 min

Lab File: BF100338.D

Acq: 9 Nov 2017 13:29

Instrument :

BNA\_F

ClientSampled :

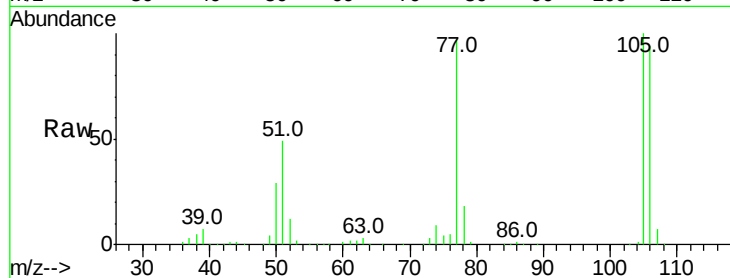
Tot Ion: 77 Resp: 277643

Ion Ratio Lower Upper

77 100

105 103.6 81.1 121.1

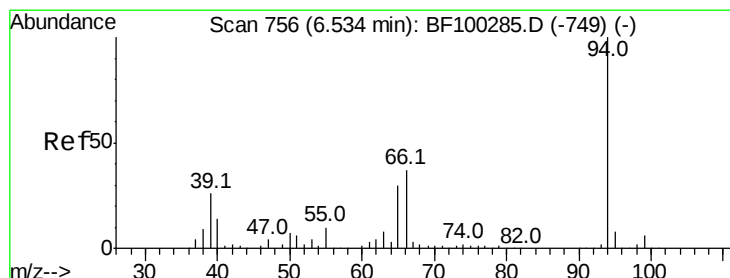
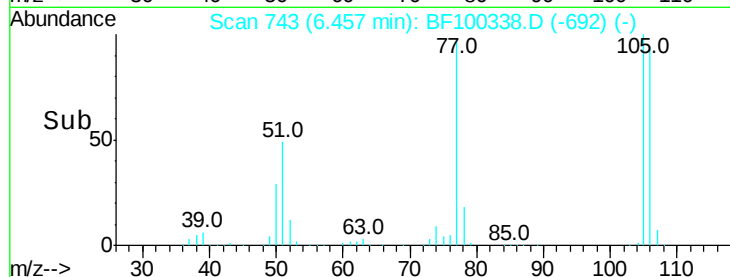
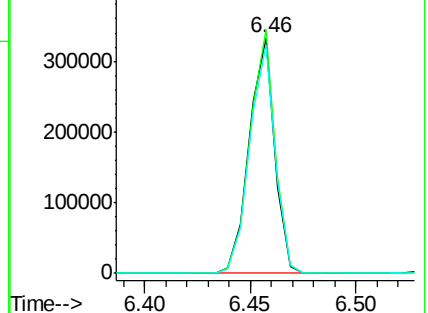
106 97.1 74.5 114.5



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: 35.395 ng

RT: 6.55 min Scan# 758

Delta R.T. 0.01 min

Lab File: BF100338.D

Acq: 9 Nov 2017 13:29

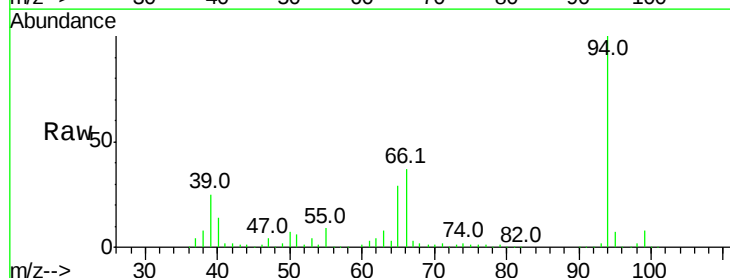
Tgt Ion: 94 Resp: 537899

Ion Ratio Lower Upper

94 100

65 29.4 7.9 47.9

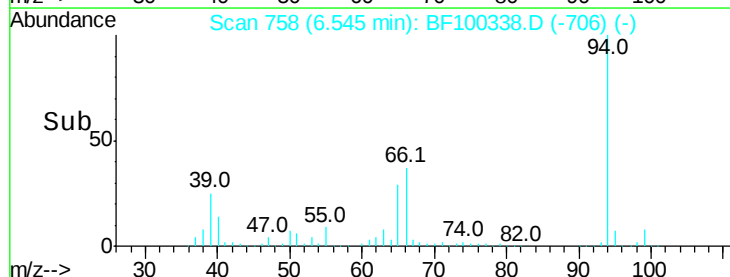
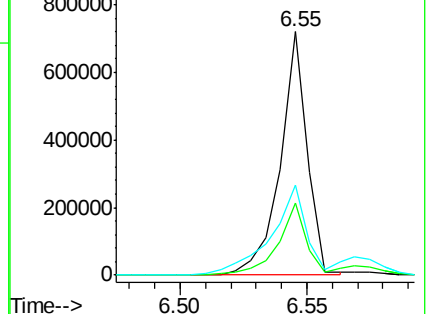
66 37.2 16.2 56.2



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

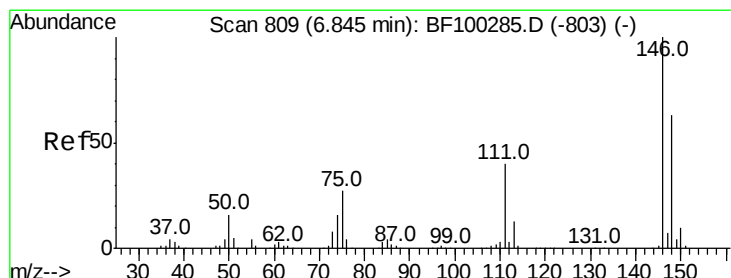
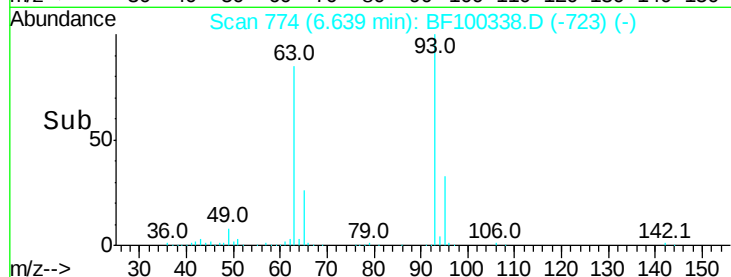
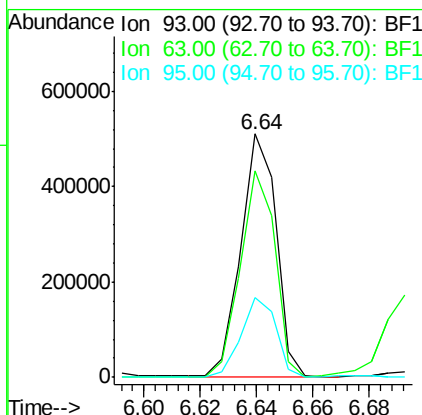
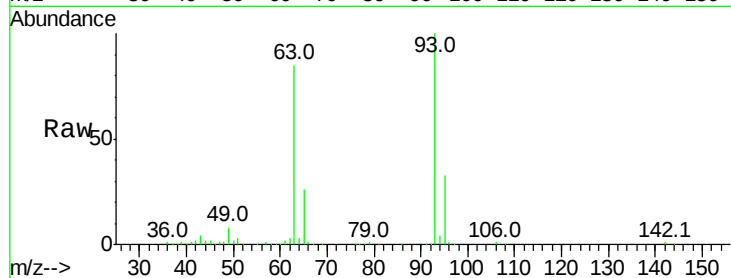




#11  
bis(2-Chloroethyl)ether  
Concen: 34.570 ng  
RT: 6.64 min Scan# 774  
Delta R.T. 0.00 min  
Lab File: BF100338.D  
Acq: 9 Nov 2017 13:29

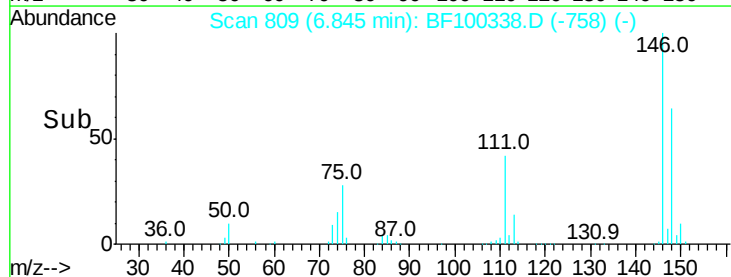
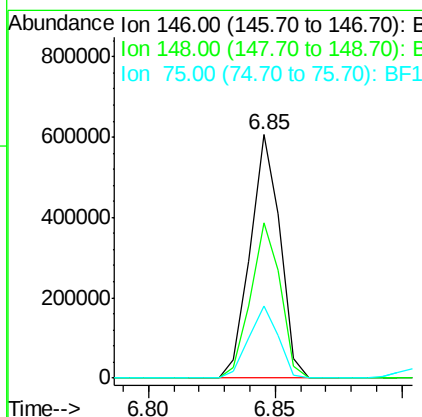
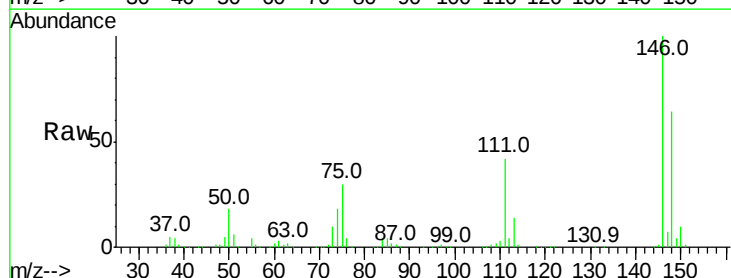
Instrument :  
BNA\_F  
ClientSampleId :

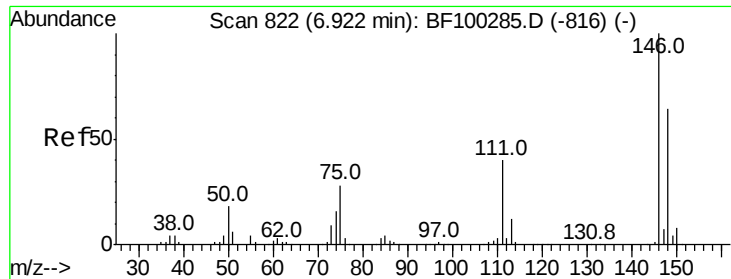
Tot Ion: 93 Resp: 441279  
Ion Ratio Lower Upper  
93 100  
63 84.9 58.6 98.6  
95 33.0 11.8 51.8



#12  
1,3-Dichlorobenzene  
Concen: 34.631 ng  
RT: 6.85 min Scan# 809  
Delta R.T. 0.00 min  
Lab File: BF100338.D  
Acq: 9 Nov 2017 13:29

Tgt Ion: 146 Resp: 495854  
Ion Ratio Lower Upper  
146 100  
148 63.7 51.8 77.8  
75 29.5 24.2 36.4

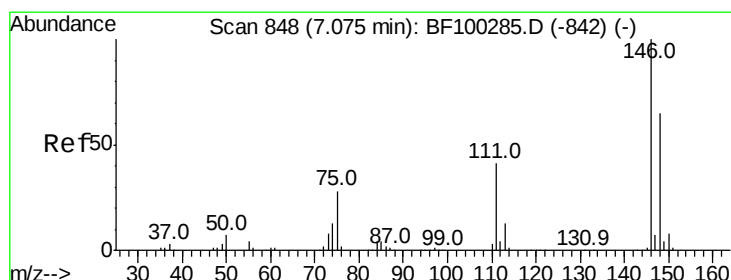
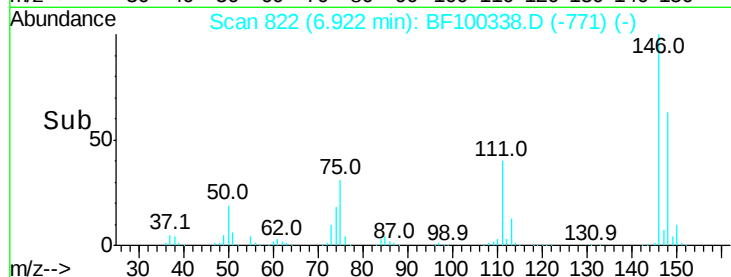
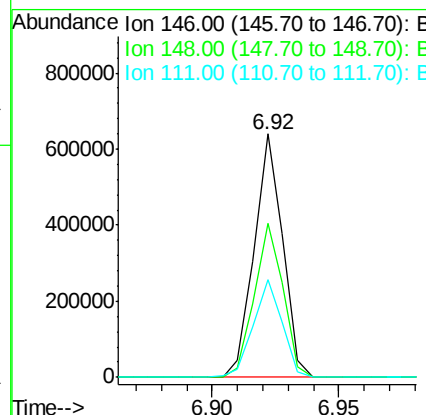
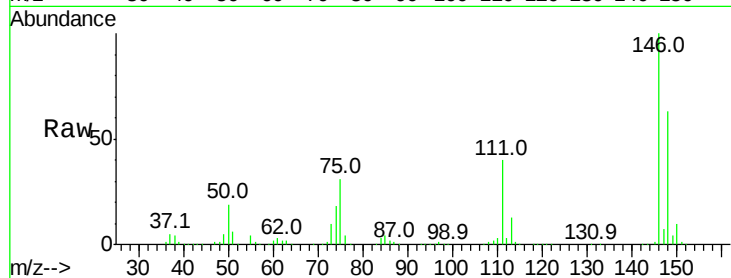




#13  
 1,4-Dichlorobenzene  
 Concen: 34.477 ng  
 RT: 6.92 min Scan# 822  
 Delta R.T. 0.00 min  
 Lab File: BF100338.D  
 Acq: 9 Nov 2017 13:29

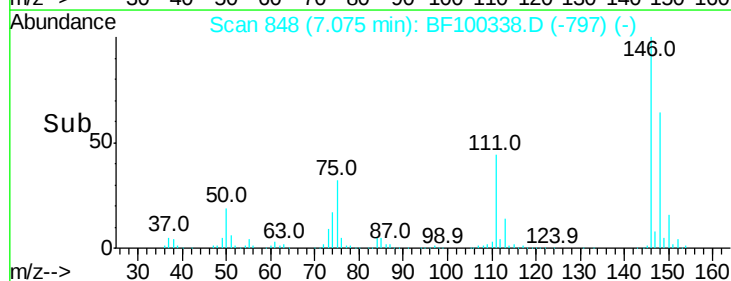
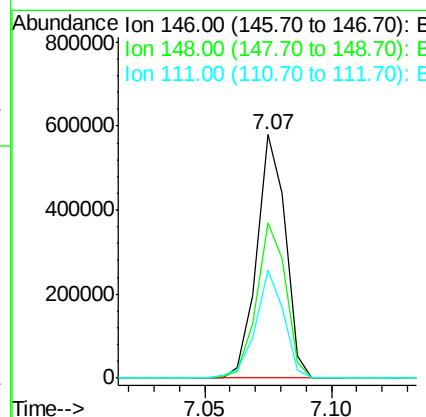
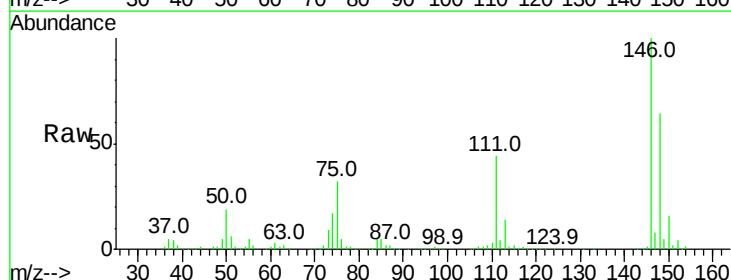
Instrument :  
 BNA\_F  
 ClientSampleId :

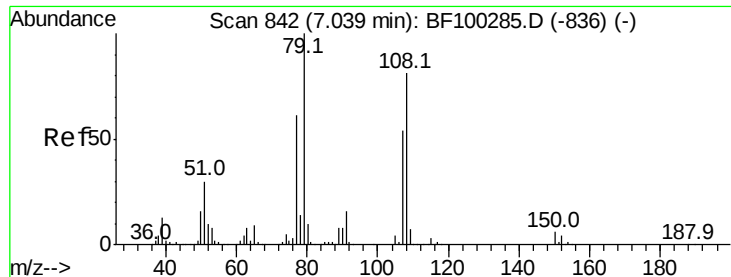
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 63.3  | 50.8  | 76.2  |
| 111     | 40.3  | 34.2  | 51.2  |



#14  
 1,2-Dichlorobenzene  
 Concen: 34.192 ng  
 RT: 7.07 min Scan# 848  
 Delta R.T. 0.00 min  
 Lab File: BF100338.D  
 Acq: 9 Nov 2017 13:29

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 64.0  | 50.6  | 75.8  |
| 111     | 44.2  | 36.0  | 54.0  |





#15

Benzyl Alcohol

Concen: 34.007 ng

RT: 7.05 min Scan# 843

Delta R.T. 0.01 min

Lab File: BF100338.D

Acq: 9 Nov 2017 13:29

Instrument :  
BNA\_F  
ClientSampleId :

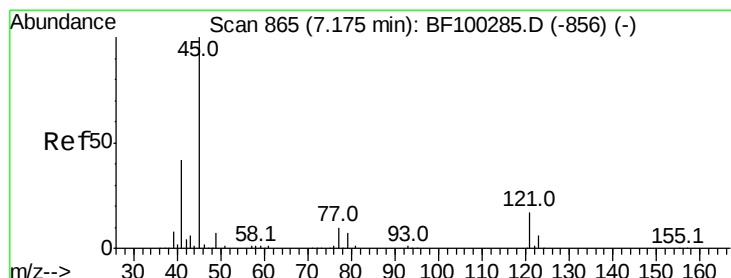
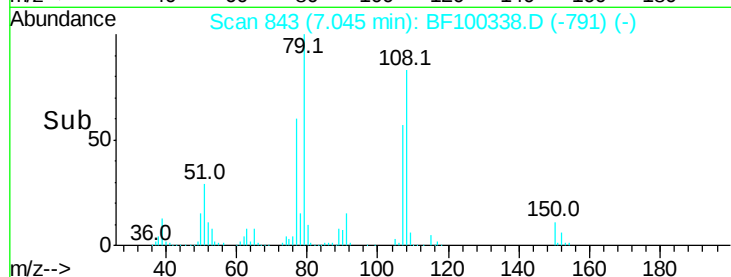
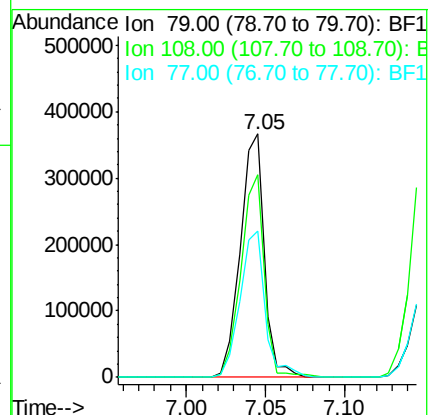
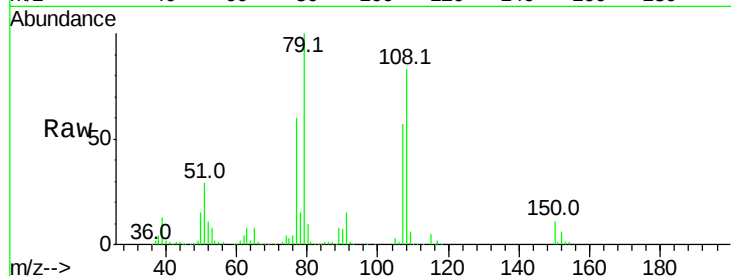
Tot Ion: 79 Resp: 384212

Ion Ratio Lower Upper

79 100

108 83.0 65.1 97.7

77 60.0 50.6 75.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.669 ng

RT: 7.18 min Scan# 866

Delta R.T. 0.01 min

Lab File: BF100338.D

Acq: 9 Nov 2017 13:29

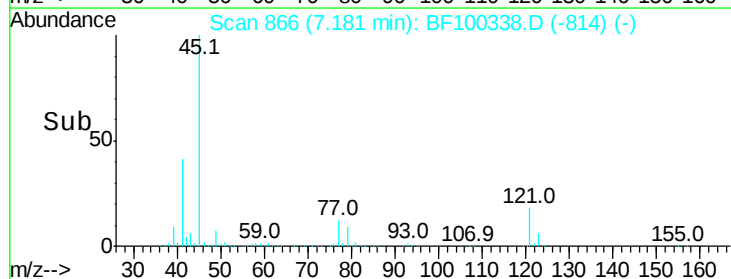
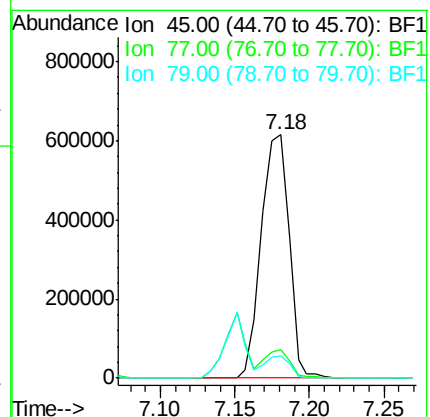
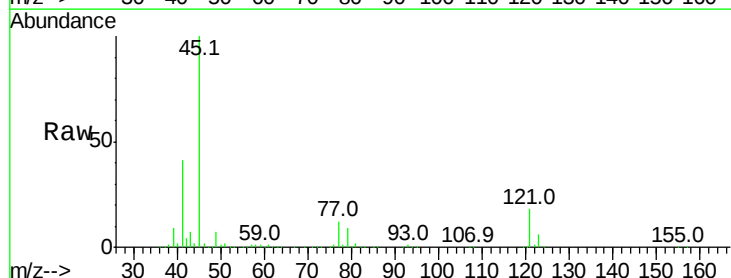
Tgt Ion: 45 Resp: 789457

Ion Ratio Lower Upper

45 100

77 11.6 0.0 32.9

79 9.0 0.0 29.6

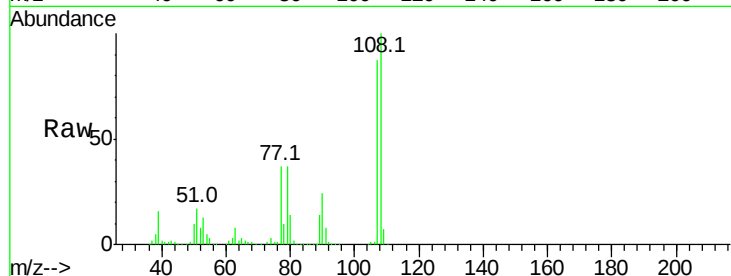




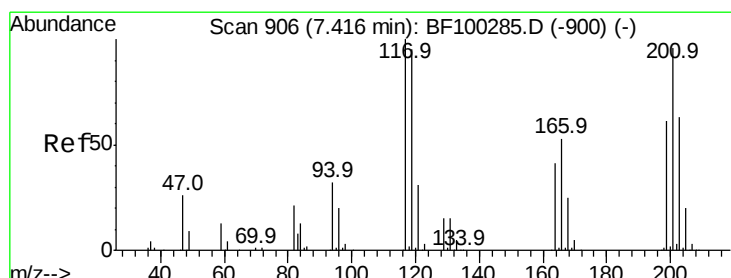
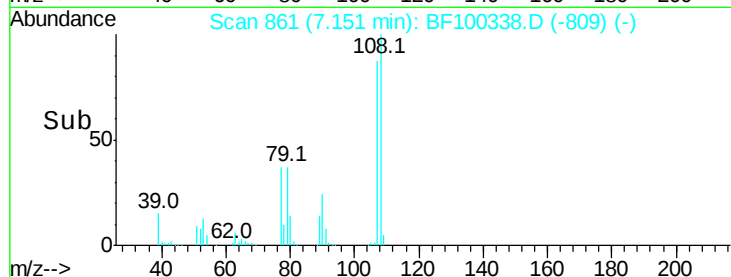
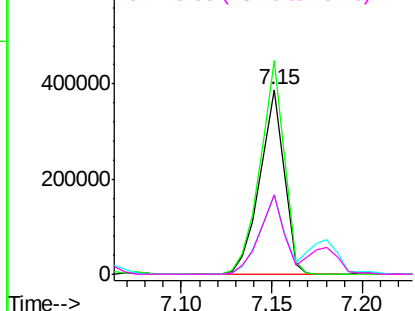
#17  
2-Methylphenol  
Concen: 34.587 ng  
RT: 7.15 min Scan# 861  
Delta R.T. 0.01 min  
Lab File: BF100338.D  
Acq: 9 Nov 2017 13:29

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:107 Resp: 367073  
Ion Ratio Lower Upper  
107 100  
108 115.6 91.7 137.5  
77 42.7 33.8 50.8  
79 42.7 33.8 50.8

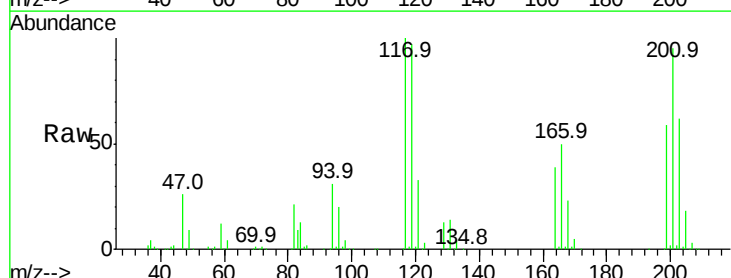


Abundance Ion 107.00 (106.70 to 107.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 77.00 (76.70 to 77.70): BF1  
Ion 79.00 (78.70 to 79.70): BF1

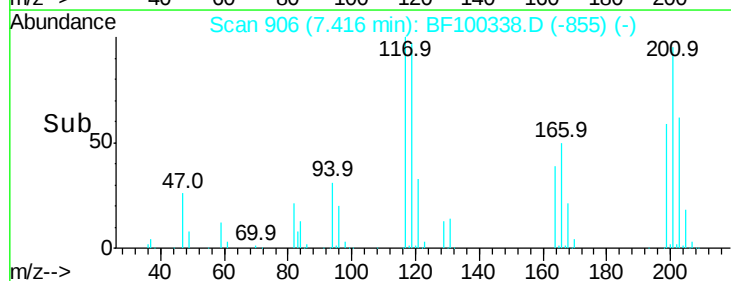
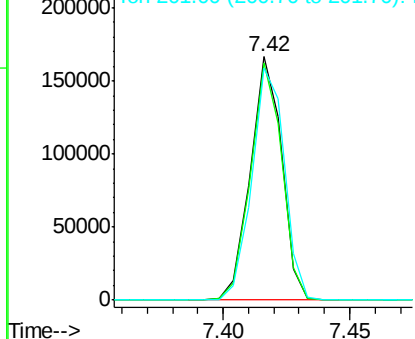


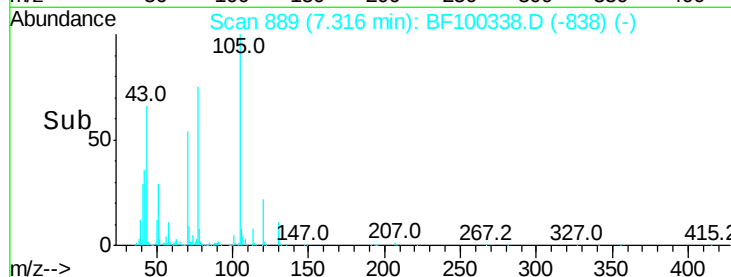
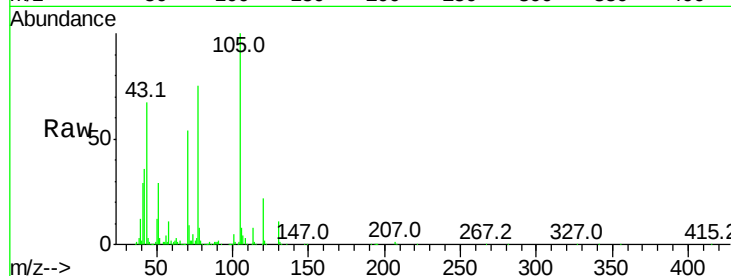
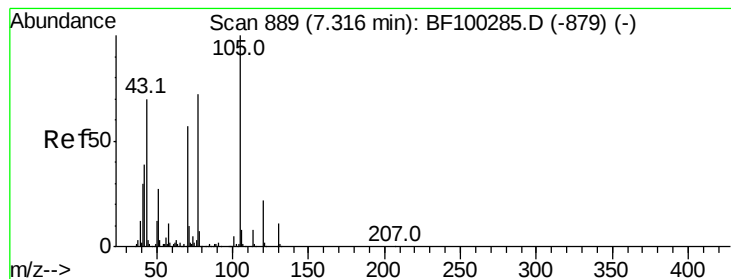
#18  
Hexachloroethane  
Concen: 30.140 ng  
RT: 7.42 min Scan# 906  
Delta R.T. 0.00 min  
Lab File: BF100338.D  
Acq: 9 Nov 2017 13:29

Tgt Ion:117 Resp: 144013  
Ion Ratio Lower Upper  
117 100  
119 97.4 75.8 113.8  
201 95.5 75.7 113.5



Abundance Ion 117.00 (116.70 to 117.70): E  
Ion 119.00 (118.70 to 119.70): E  
Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 30.360 ng

RT: 7.32 min Scan# 889

Delta R.T. 0.00 min

Lab File: BF100338.D

Acq: 9 Nov 2017 13:29

Instrument :

BNA\_F

ClientSampleId :

Tot Ion: 70 Resp: 304792

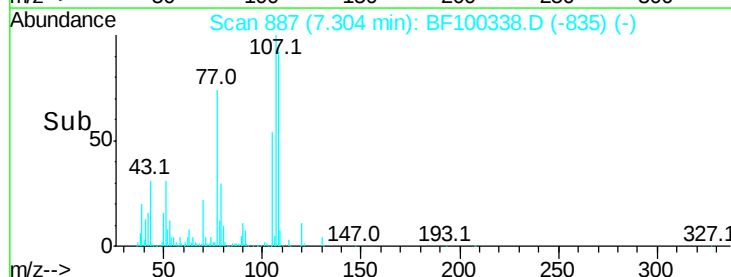
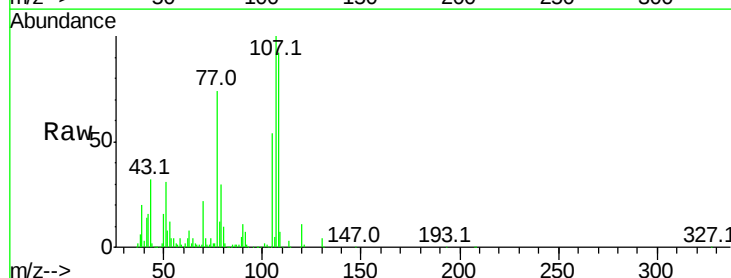
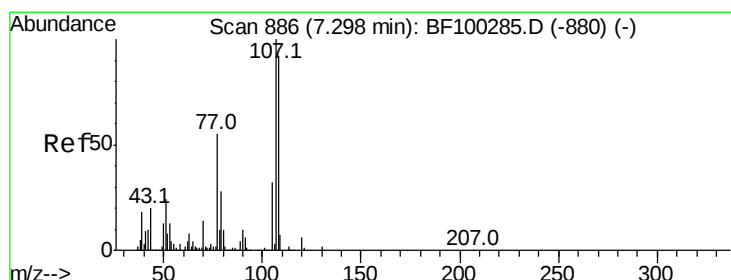
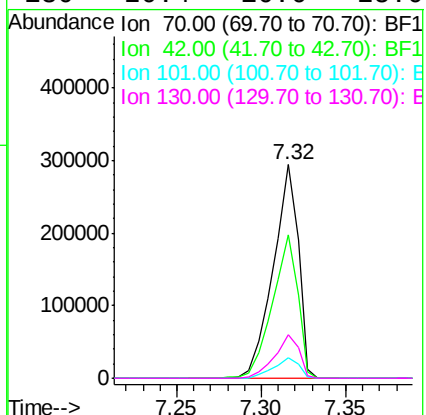
Ion Ratio Lower Upper

70 100

42 67.3 47.5 71.3

101 9.9 7.4 11.2

130 20.4 16.6 25.0



#20

3+4-Methylphenols

Concen: 32.405 ng

RT: 7.30 min Scan# 887

Delta R.T. 0.01 min

Lab File: BF100338.D

Acq: 9 Nov 2017 13:29

Tgt Ion: 107 Resp: 435198

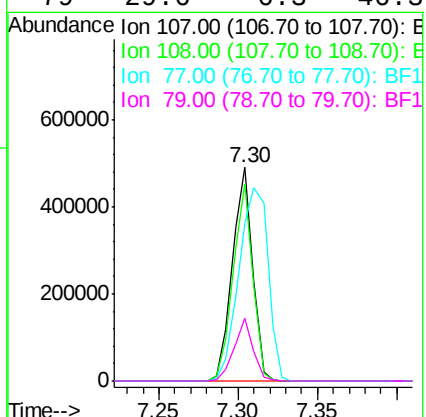
Ion Ratio Lower Upper

107 100

108 92.4 68.2 108.2

77 73.8 26.7 66.7#

79 29.6 6.3 46.3

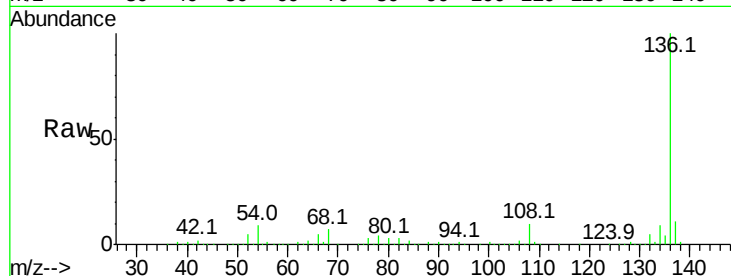




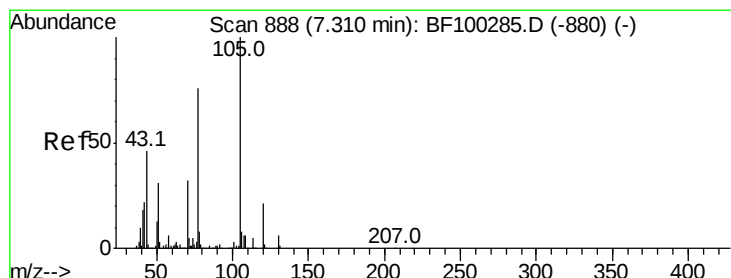
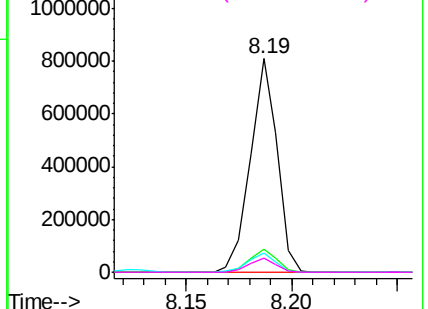
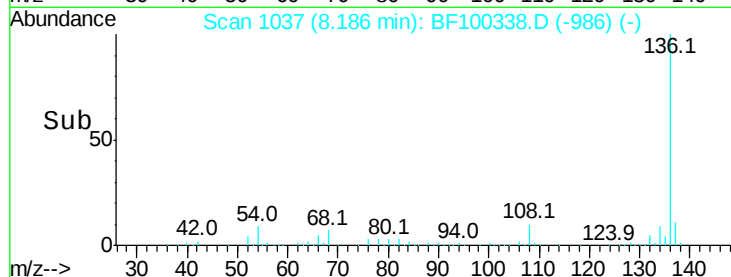
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.19 min Scan# 1037  
Delta R.T. 0.00 min  
Lab File: BF100338.D  
Acq: 9 Nov 2017 13:29

Instrument :  
BNA\_F  
ClientSampleId :

|             |       |          |
|-------------|-------|----------|
| Tot Ion:136 | Resp: | 713595   |
| Ion Ratio   | Lower | Upper    |
| 136         | 100   |          |
| 137         | 11.0  | 8.9 13.3 |
| 54          | 9.0   | 6.6 9.8  |
| 68          | 6.8   | 5.0 7.4  |

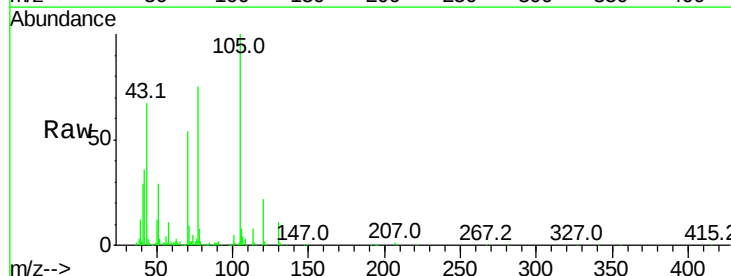


Abundance Ion 136.00 (135.70 to 136.70): E  
Ion 137.00 (136.70 to 137.70): E  
Ion 54.00 (53.70 to 54.70): BF1  
Ion 68.00 (67.70 to 68.70): BF1

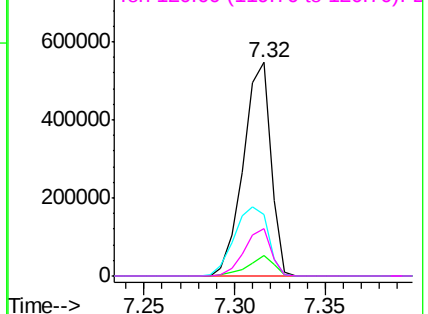
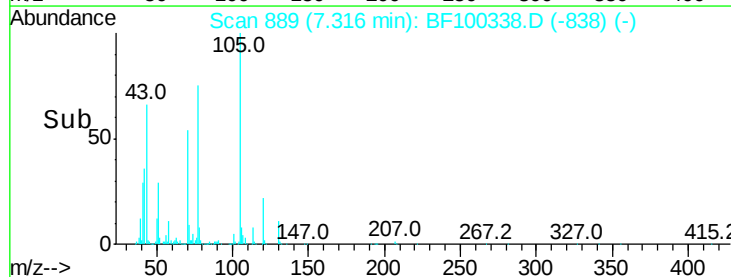


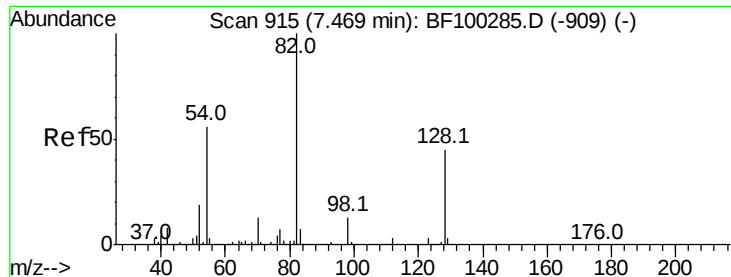
#22  
Acetophenone  
Concen: 33.251 ng  
RT: 7.32 min Scan# 889  
Delta R.T. 0.00 min  
Lab File: BF100338.D  
Acq: 9 Nov 2017 13:29

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:105 | Resp: | 578588    |
| Ion Ratio   | Lower | Upper     |
| 105         | 100   |           |
| 71          | 9.3   | 4.4 6.6#  |
| 51          | 29.0  | 22.3 33.5 |
| 120         | 22.0  | 16.9 25.3 |



Abundance Ion 105.00 (104.70 to 105.70): E  
Ion 71.00 (70.70 to 71.70): BF1  
Ion 51.00 (50.70 to 51.70): BF1  
Ion 120.00 (119.70 to 120.70): E

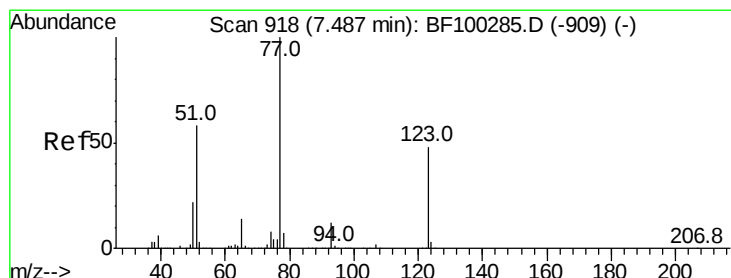
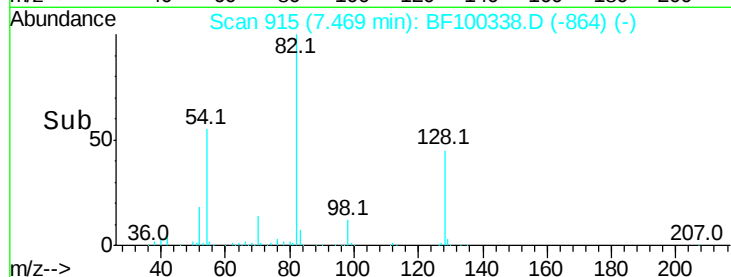
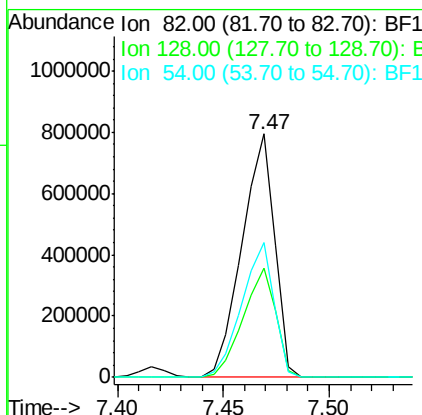
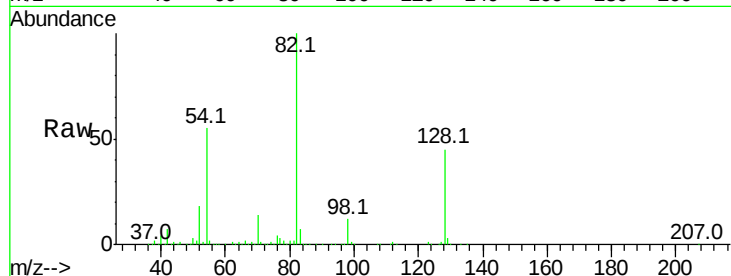




#23  
Nitrobenzene-d5  
Concen: 79.165 ng  
RT: 7.47 min Scan# 915  
Delta R.T. 0.00 min  
Lab File: BF100338.D  
Acq: 9 Nov 2017 13:29

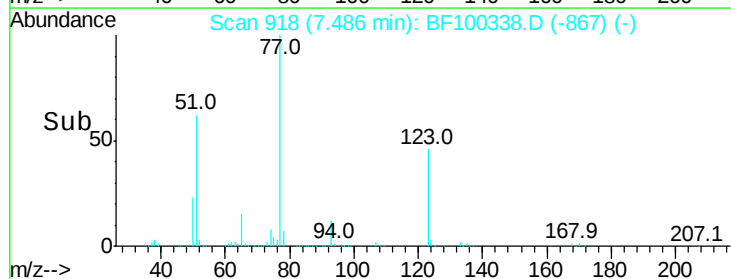
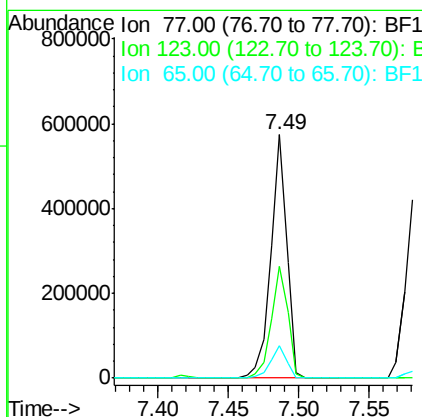
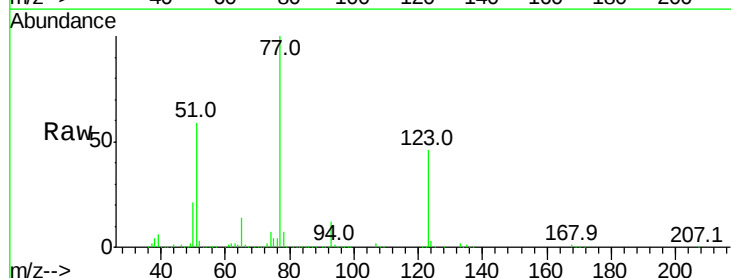
Instrument :  
BNA\_F  
ClientSampleId :

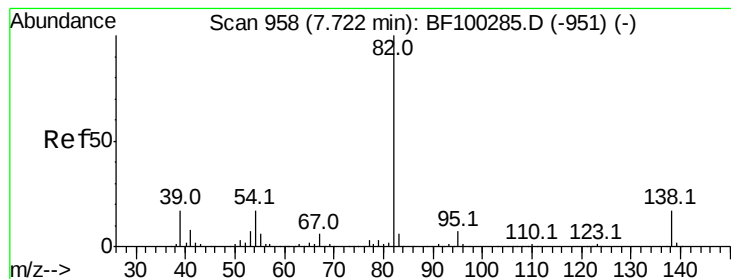
Tot Ion: 82 Resp: 854472  
Ion Ratio Lower Upper  
82 100  
128 44.9 36.1 54.1  
54 55.5 41.4 62.2



#24  
Nitrobenzene  
Concen: 41.234 ng  
RT: 7.49 min Scan# 918  
Delta R.T. 0.00 min  
Lab File: BF100338.D  
Acq: 9 Nov 2017 13:29

Tgt Ion: 77 Resp: 458083  
Ion Ratio Lower Upper  
77 100  
123 46.0 37.9 56.9  
65 13.6 11.0 16.4





#25

Isophorone

Concen: 36.249 ng

RT: 7.72 min Scan# 958

Delta R.T. -0.01 min

Lab File: BF100338.D

Acq: 9 Nov 2017 13:29

Instrument :

BNA\_F

ClientSampleId :

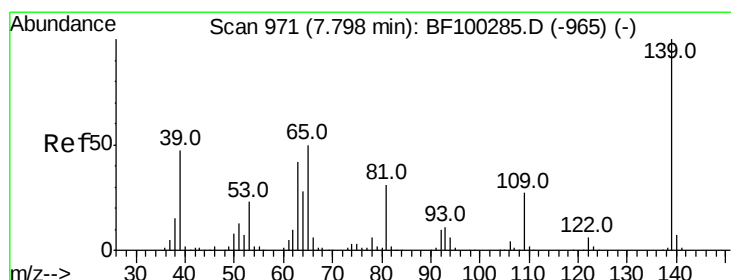
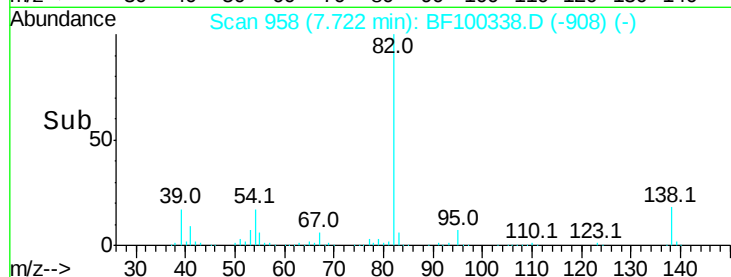
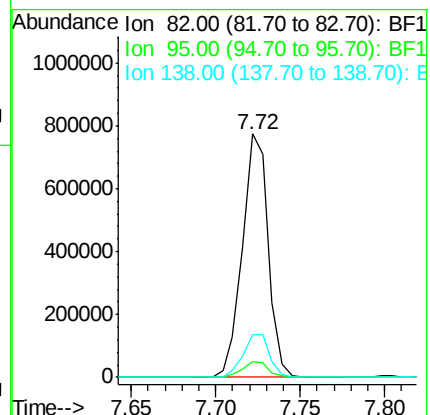
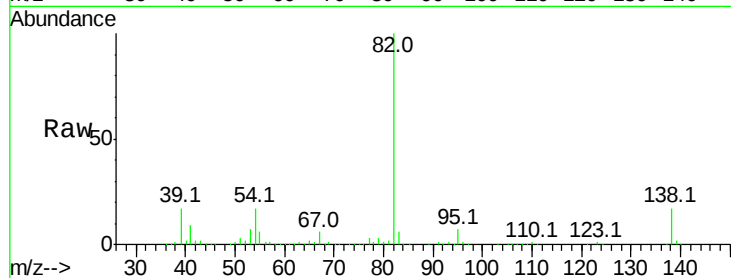
Tot Ion: 82 Resp: 822191

Ion Ratio Lower Upper

82 100

95 6.6 5.2 7.8

138 17.5 14.9 22.3



#26

2-Nitrophenol

Concen: 41.676 ng

RT: 7.80 min Scan# 972

Delta R.T. 0.01 min

Lab File: BF100338.D

Acq: 9 Nov 2017 13:29

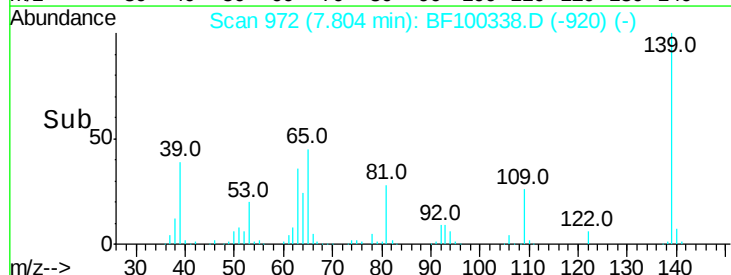
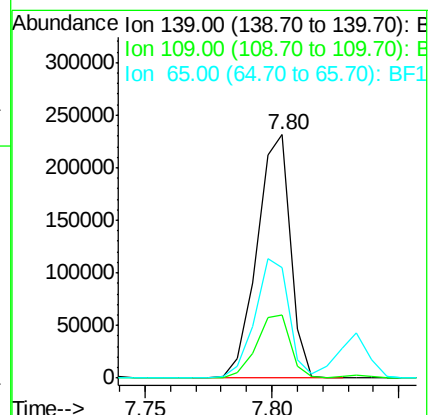
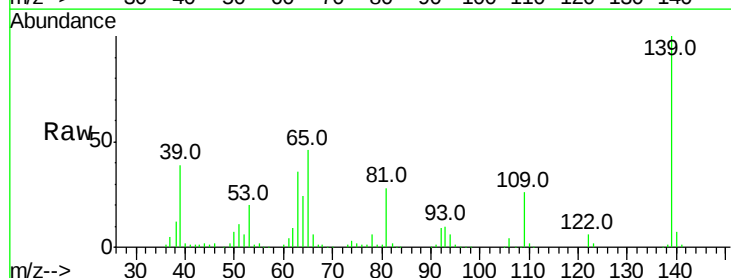
Tgt Ion: 139 Resp: 212920

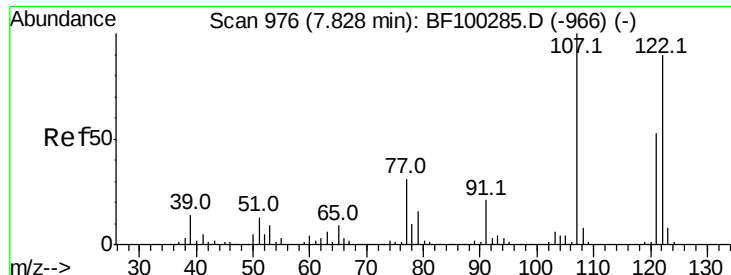
Ion Ratio Lower Upper

139 100

109 25.8 22.7 34.1

65 45.6 40.5 60.7

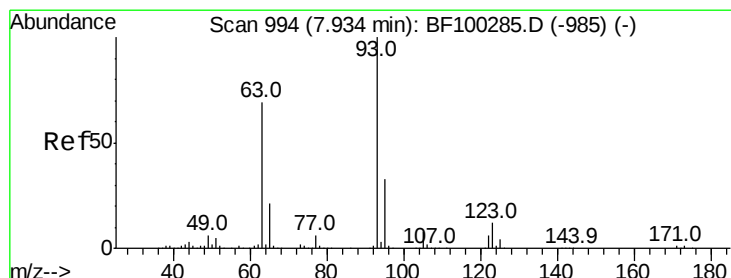
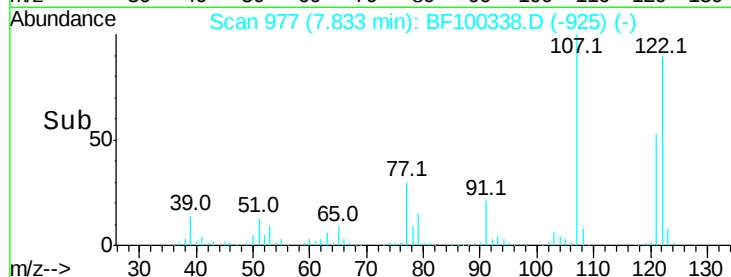
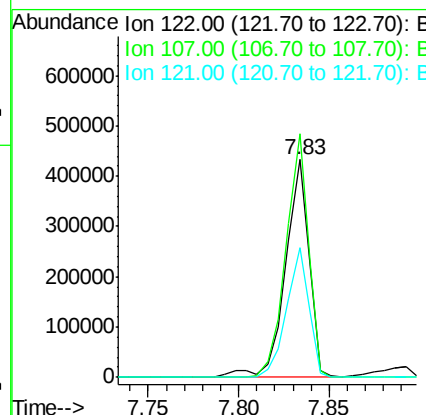
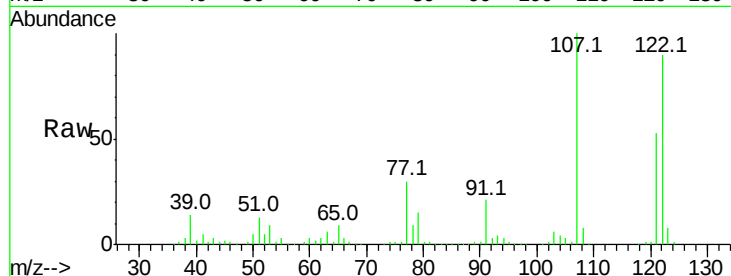




#27  
 2,4-Dimethylphenol  
 Concen: 38.640 ng  
 RT: 7.83 min Scan# 977  
 Delta R.T. 0.01 min  
 Lab File: BF100338.D  
 Acq: 9 Nov 2017 13:29

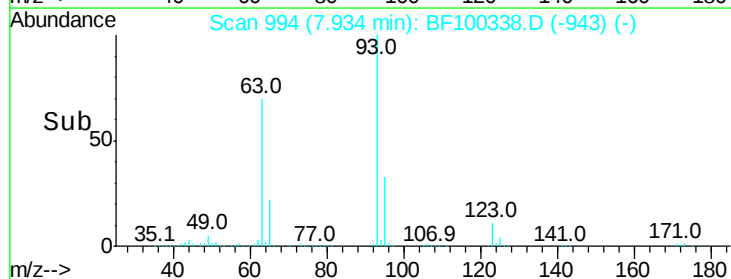
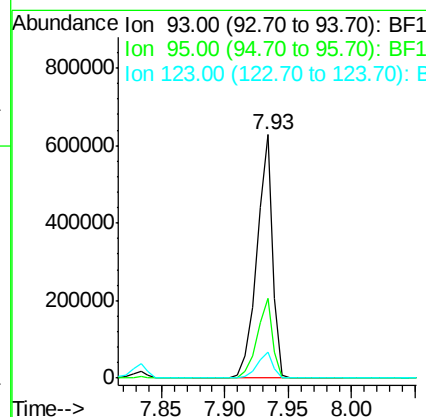
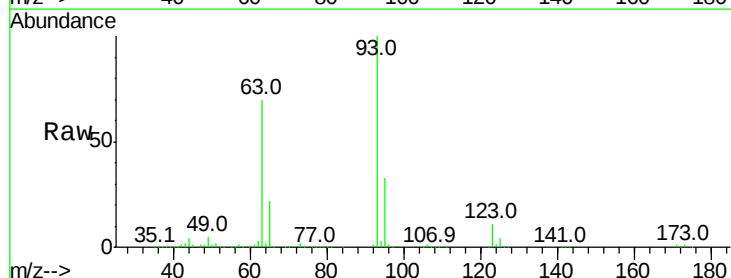
Instrument :  
 BNA\_F  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 111.7 | 91.2  | 136.8 |
| 121     | 59.5  | 47.2  | 70.8  |



#28  
 bis(2-Chloroethoxy)methane  
 Concen: 36.439 ng  
 RT: 7.93 min Scan# 994  
 Delta R.T. 0.00 min  
 Lab File: BF100338.D  
 Acq: 9 Nov 2017 13:29

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 32.6  | 26.3  | 39.5  |
| 123     | 10.9  | 9.8   | 14.6  |

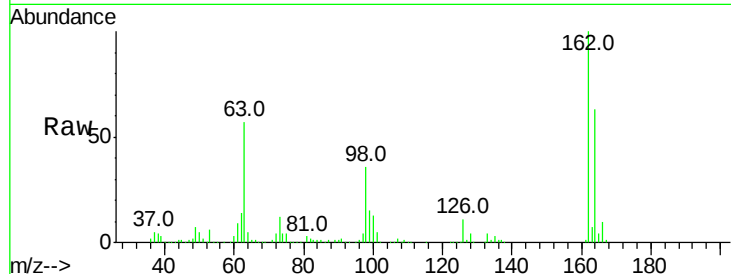




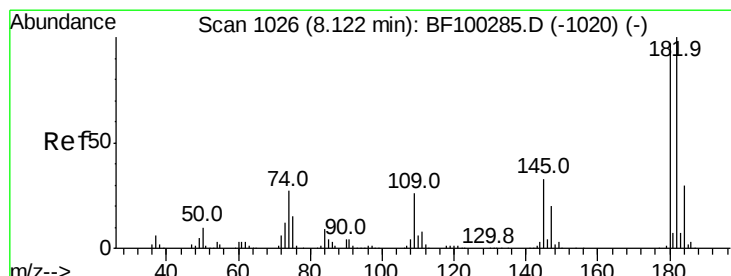
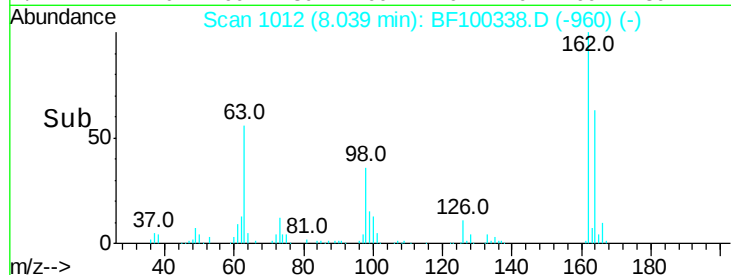
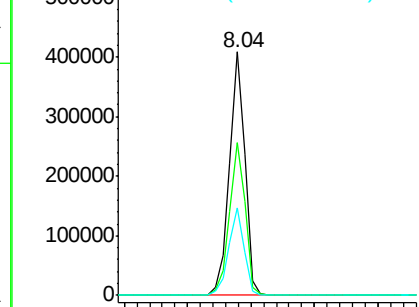
#29  
 2,4-Dichlorophenol  
 Concen: 35.800 ng  
 RT: 8.04 min Scan# 1012  
 Delta R.T. 0.01 min  
 Lab File: BF100338.D  
 Acq: 9 Nov 2017 13:29

Instrument :  
 BNA\_F  
 ClientSampleId :

Tot Ion:162 Resp: 347494  
 Ion Ratio Lower Upper  
 162 100  
 164 62.7 42.7 82.7  
 98 35.9 18.1 58.1

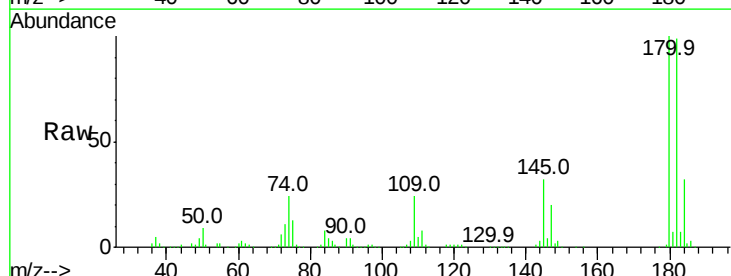


Abundance Ion 162.00 (161.70 to 162.70): E  
 Ion 164.00 (163.70 to 164.70): E  
 Ion 98.00 (97.70 to 98.70): BF1

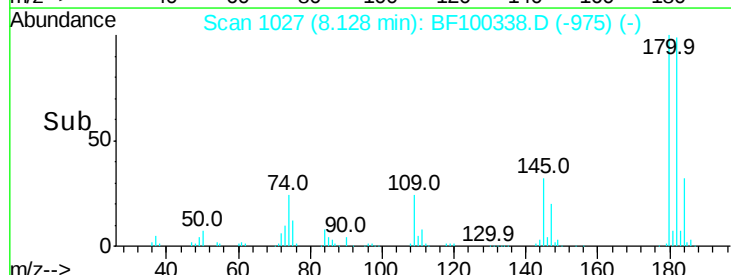
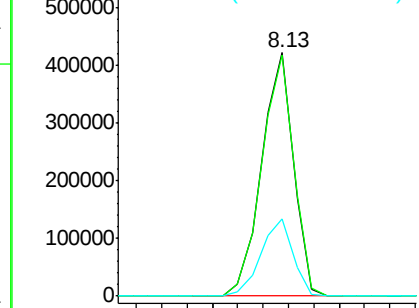


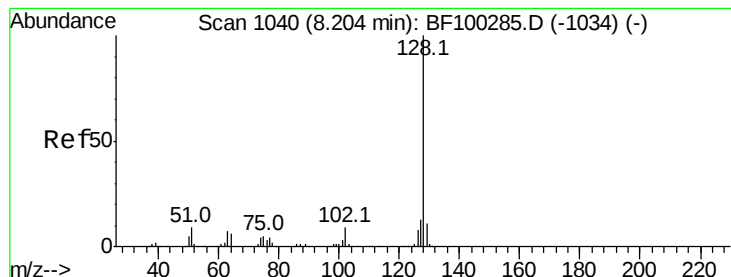
#30  
 1,2,4-Trichlorobenzene  
 Concen: 35.520 ng  
 RT: 8.13 min Scan# 1027  
 Delta R.T. 0.01 min  
 Lab File: BF100338.D  
 Acq: 9 Nov 2017 13:29

Tgt Ion:180 Resp: 372945  
 Ion Ratio Lower Upper  
 180 100  
 182 99.2 76.8 115.2  
 145 31.7 26.5 39.7



Abundance Ion 180.00 (179.70 to 180.70): E  
 Ion 182.00 (181.70 to 182.70): E  
 Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 34.551 ng

RT: 8.21 min Scan# 1041

Delta R.T. 0.00 min

Lab File: BF100338.D

Acq: 9 Nov 2017 13:29

Instrument :

BNA\_F

ClientSampleId :

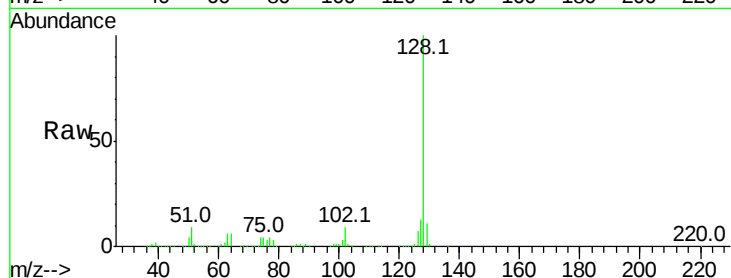
Tot Ion:128 Resp: 1187530

Ion Ratio Lower Upper

128 100

129 11.3 8.8 13.2

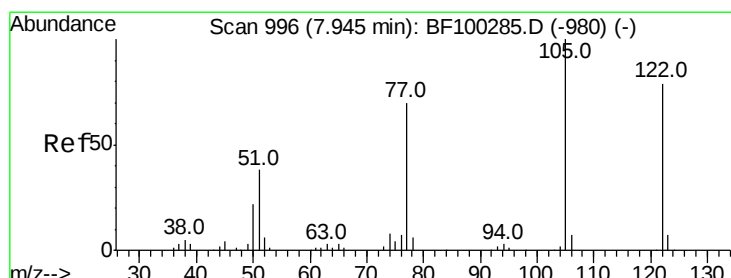
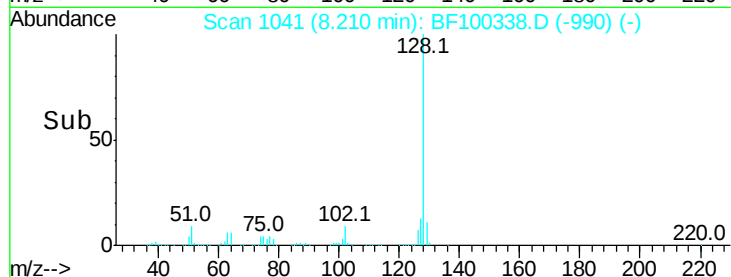
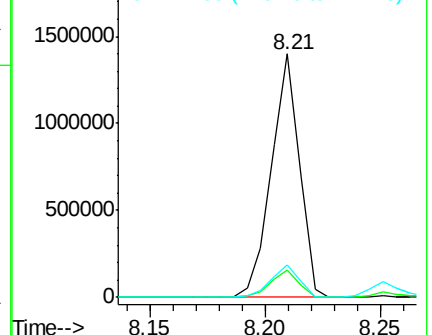
127 13.2 10.9 16.3



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: 12.039 ng

RT: 7.89 min Scan# 987

Delta R.T. -0.06 min

Lab File: BF100338.D

Acq: 9 Nov 2017 13:29

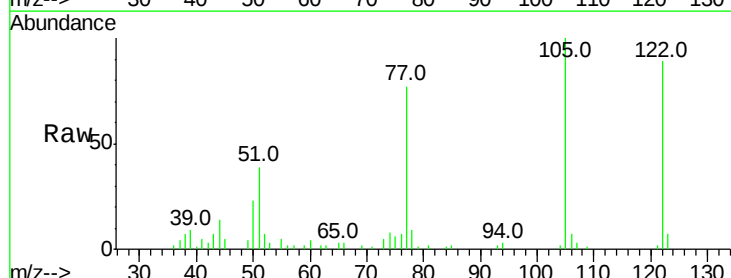
Tgt Ion:122 Resp: 25818

Ion Ratio Lower Upper

122 100

105 112.8 101.1 141.1

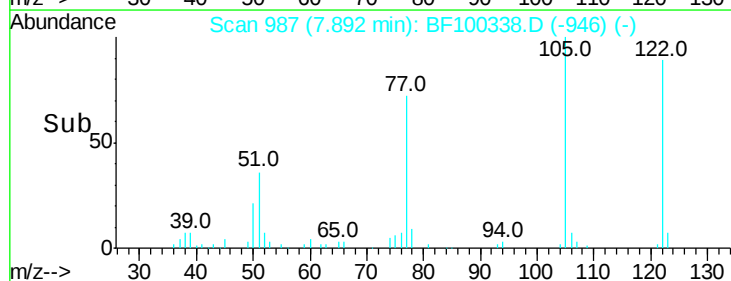
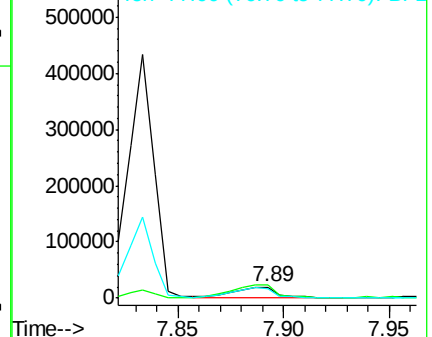
77 86.4 70.7 110.7

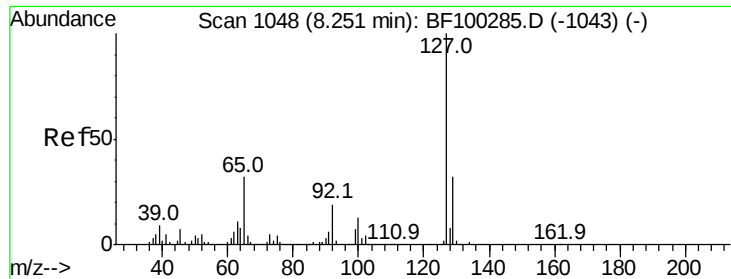


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

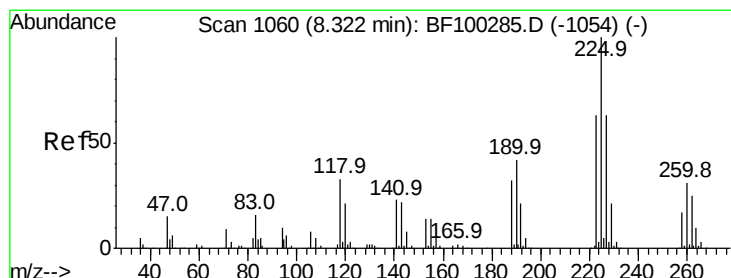
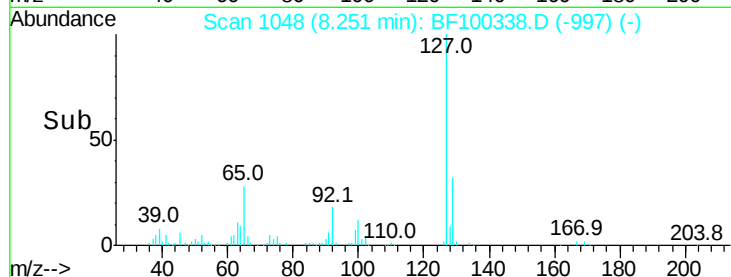
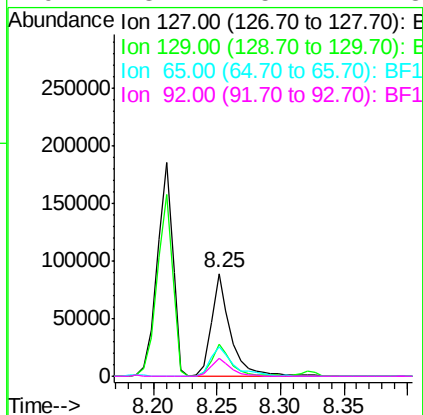
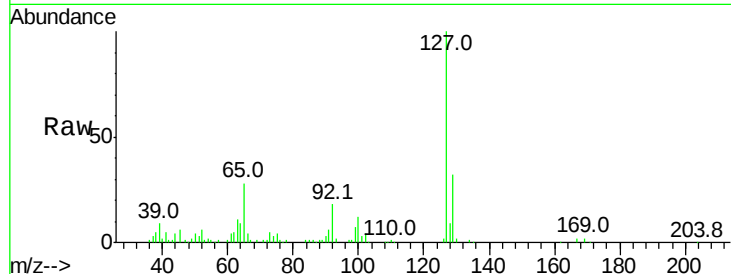




#33  
4-Chloroaniline  
Concen: 6.624 ng  
RT: 8.25 min Scan# 1048  
Delta R.T. 0.00 min  
Lab File: BF100338.D  
Acq: 9 Nov 2017 13:29

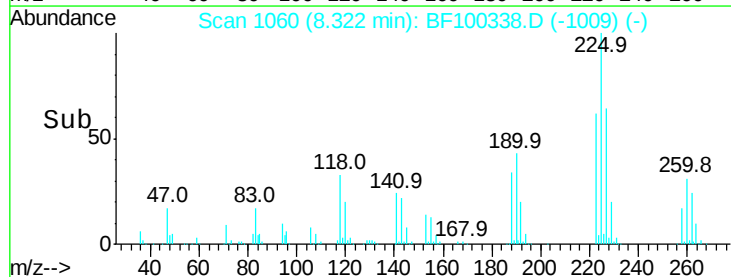
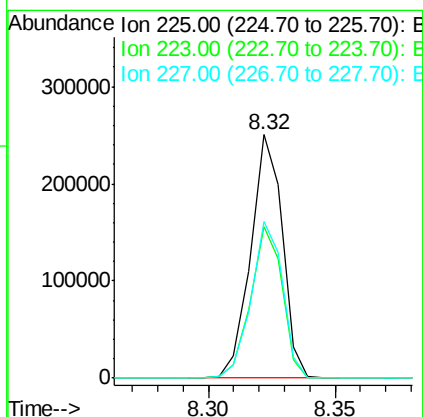
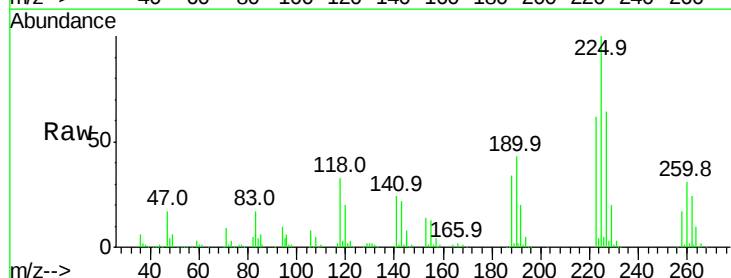
Instrument :  
BNA\_F  
ClientSampleId :

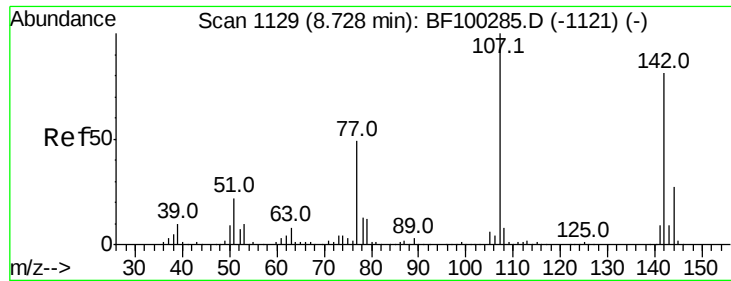
|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 127   | Resp: | 94765 |
| Ion      | Ratio | Lower | Upper |
| 127      | 100   |       |       |
| 129      | 31.9  | 25.9  | 38.9  |
| 65       | 28.4  | 25.0  | 37.4  |
| 92       | 18.1  | 15.2  | 22.8  |



#34  
Hexachlorobutadiene  
Concen: 34.971 ng  
RT: 8.32 min Scan# 1060  
Delta R.T. 0.00 min  
Lab File: BF100338.D  
Acq: 9 Nov 2017 13:29

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 218318 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 62.5  | 50.6  | 76.0   |
| 227      | 64.2  | 51.9  | 77.9   |

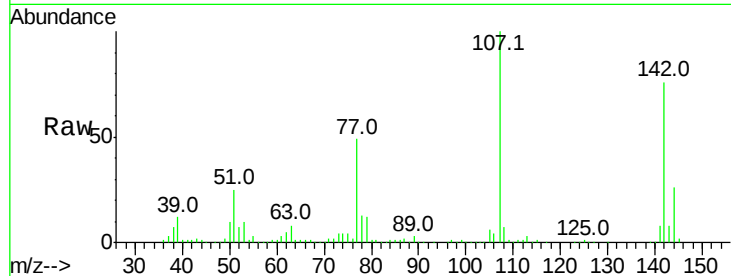




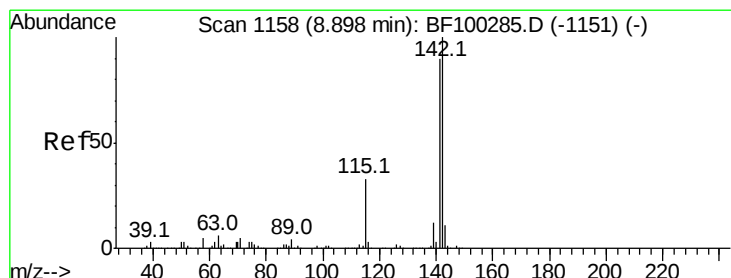
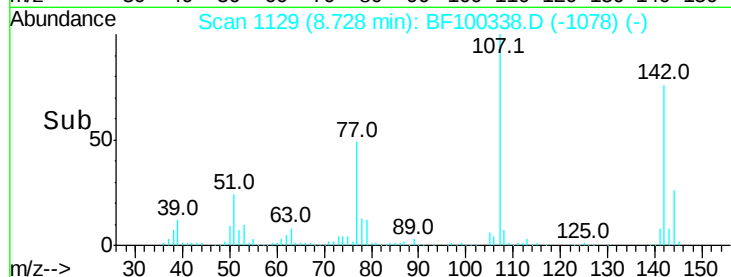
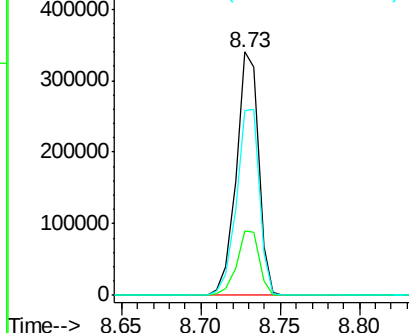
#36  
 4-Chloro-3-methylphenol  
 Concen: 32.012 ng  
 RT: 8.73 min Scan# 1129  
 Delta R.T. 0.00 min  
 Lab File: BF100338.D  
 Acq: 9 Nov 2017 13:29

Instrument :  
 BNA\_F  
 ClientSampleId :

Tot Ion:107 Resp: 333723  
 Ion Ratio Lower Upper  
 107 100  
 144 26.5 20.5 30.7  
 142 75.9 62.0 93.0

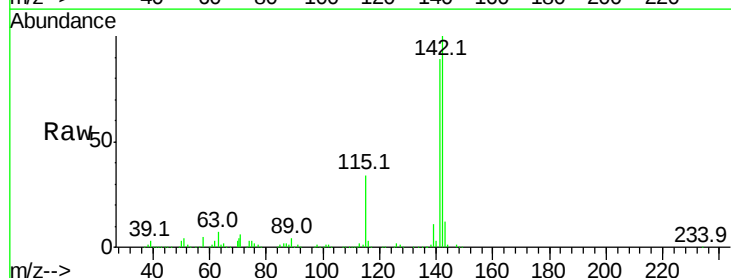


Abundance Ion 107.00 (106.70 to 107.70): E  
 Ion 144.00 (143.70 to 144.70): E  
 Ion 142.00 (141.70 to 142.70): E

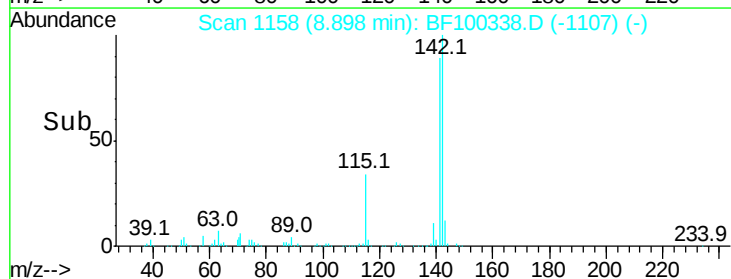
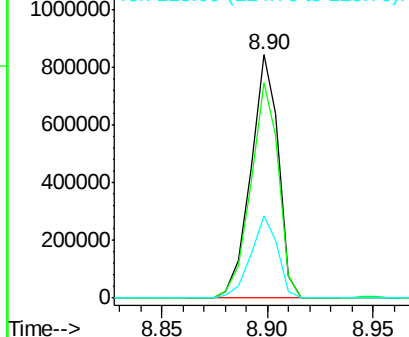


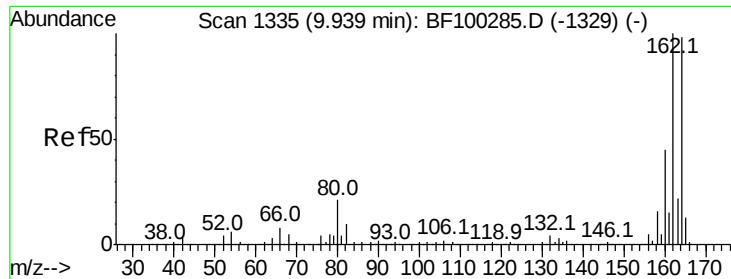
#37  
 2-Methylnaphthalene  
 Concen: 33.603 ng  
 RT: 8.90 min Scan# 1158  
 Delta R.T. 0.00 min  
 Lab File: BF100338.D  
 Acq: 9 Nov 2017 13:29

Tgt Ion:142 Resp: 766779  
 Ion Ratio Lower Upper  
 142 100  
 141 88.6 70.8 106.2  
 115 33.6 26.1 39.1



Abundance Ion 142.00 (141.70 to 142.70): E  
 Ion 141.00 (140.70 to 141.70): E  
 Ion 115.00 (114.70 to 115.70): E

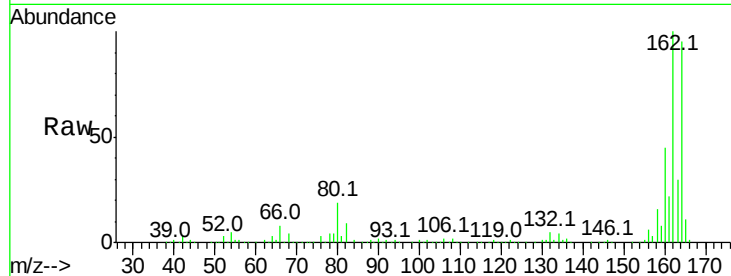




#38  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 9.95 min Scan# 1336  
 Delta R.T. 0.01 min  
 Lab File: BF100338.D  
 Acq: 9 Nov 2017 13:29

Instrument :  
 BNA\_F  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 104.9 | 86.1  | 129.1 |
| 160     | 47.5  | 38.3  | 57.5  |

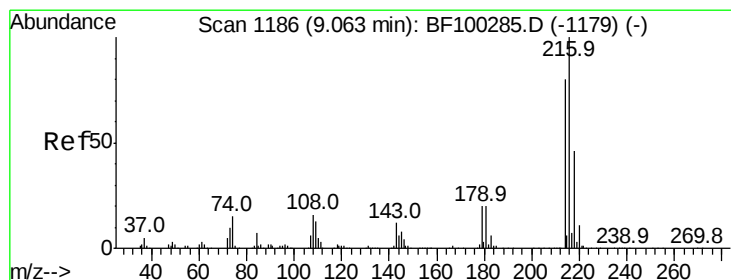
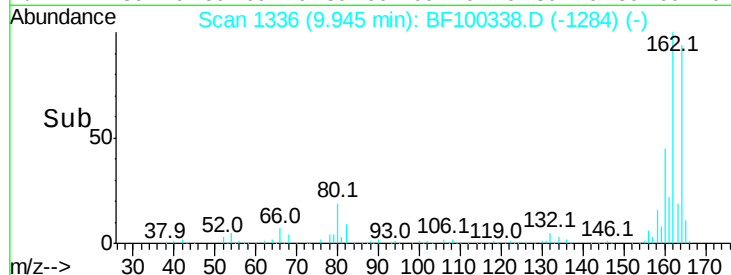
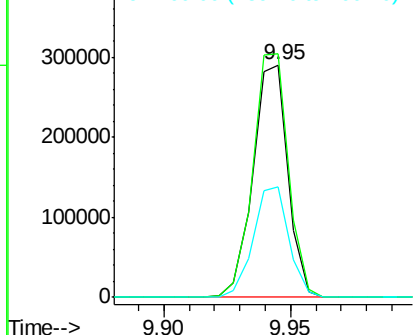


Abundance

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



#39  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 37.322 ng  
 RT: 9.06 min Scan# 1186  
 Delta R.T. 0.00 min  
 Lab File: BF100338.D  
 Acq: 9 Nov 2017 13:29

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 216     | 100   |       |       |
| 214     | 79.0  | 63.0  | 94.4  |
| 179     | 20.2  | 18.1  | 27.1  |
| 108     | 17.4  | 17.2  | 25.8  |

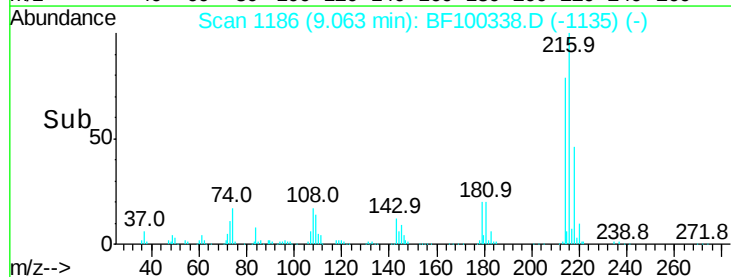
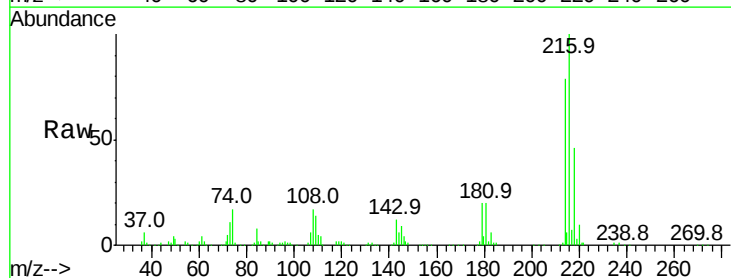
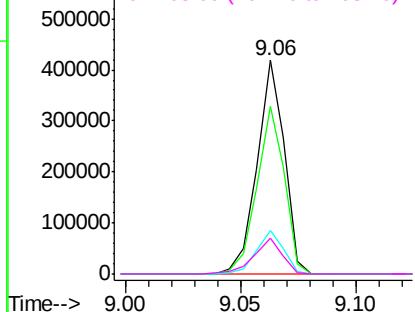
Abundance

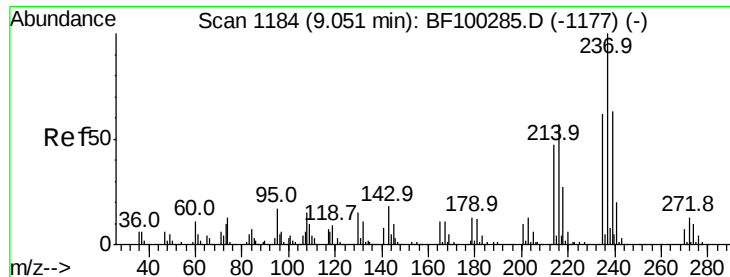
Ion 216.00 (215.70 to 216.70): E

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

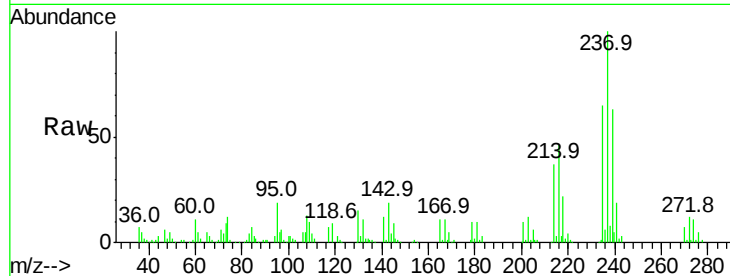




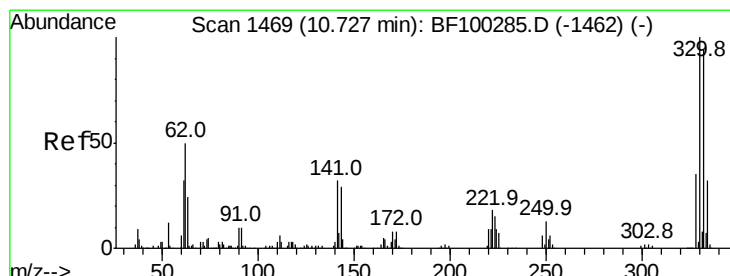
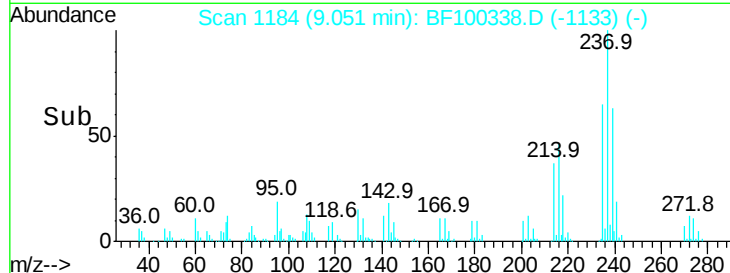
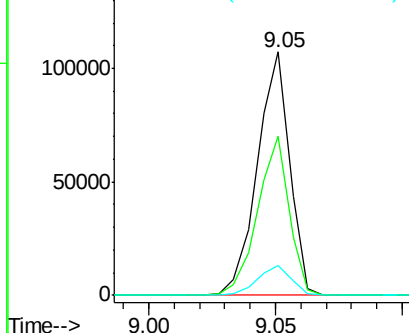
#40  
Hexachlorocyclopentadiene  
Concen: 21.968 ng  
RT: 9.05 min Scan# 1184  
Delta R.T. 0.00 min  
Lab File: BF100338.D  
Acq: 9 Nov 2017 13:29

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:237 Resp: 95610  
Ion Ratio Lower Upper  
237 100  
235 65.4 44.8 84.8  
272 12.3 0.0 33.3

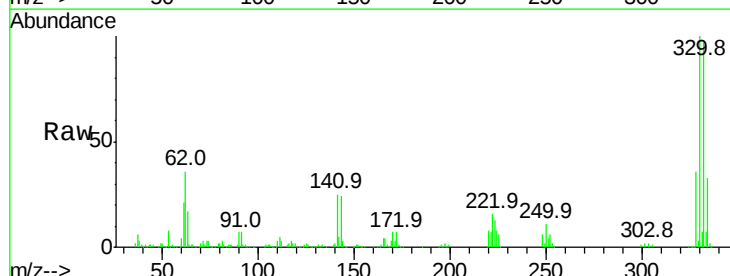


Abundance Ion 236.80 (236.50 to 237.50): E  
Ion 234.90 (234.60 to 235.60): E  
Ion 271.75 (271.45 to 272.45): E

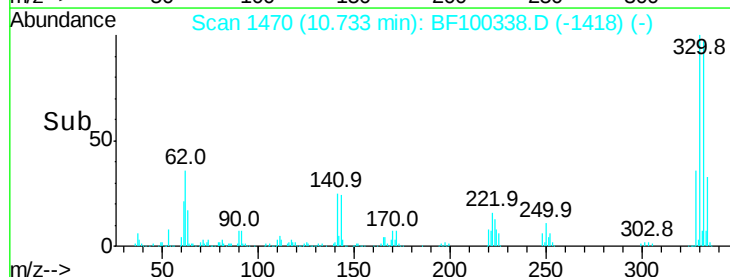
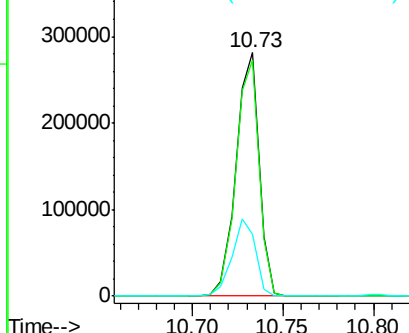


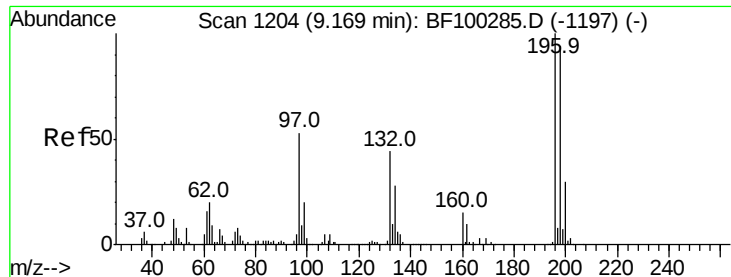
#41  
2,4,6-Tribromophenol  
Concen: 87.666 ng  
RT: 10.73 min Scan# 1470  
Delta R.T. 0.01 min  
Lab File: BF100338.D  
Acq: 9 Nov 2017 13:29

Tgt Ion:330 Resp: 249084  
Ion Ratio Lower Upper  
330 100  
332 97.5 77.0 115.6  
141 32.4 29.9 44.9



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





#42

2,4,6-Trichlorophenol

Concen: 38.868 ng

RT: 9.17 min Scan# 1205

Delta R.T. 0.01 min

Lab File: BF100338.D

Acq: 9 Nov 2017 13:29

Instrument :

BNA\_F

ClientSampleId :

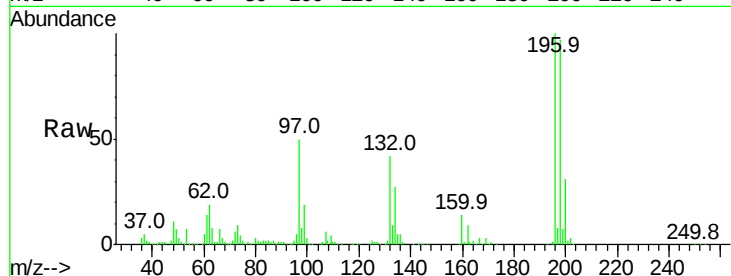
Tot Ion:196 Resp: 227800

Ion Ratio Lower Upper

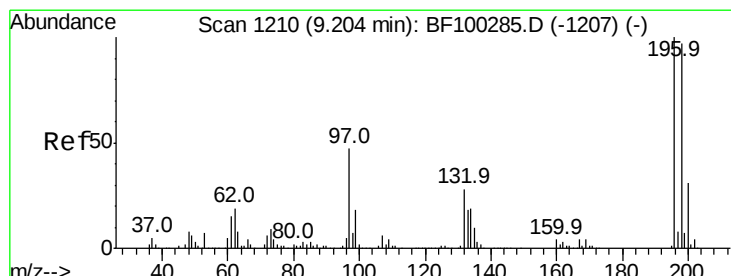
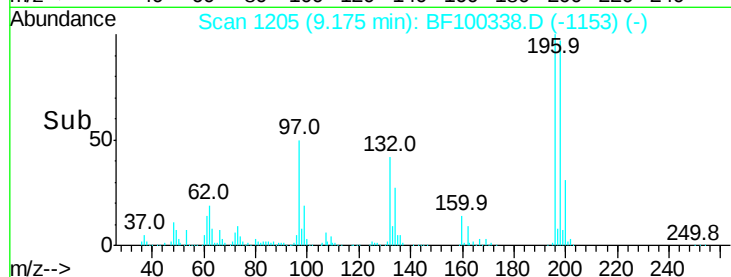
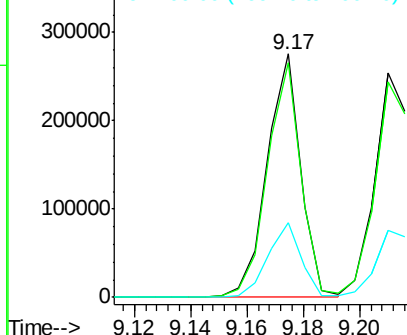
196 100

198 96.6 75.7 113.5

200 30.6 24.5 36.7



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



#43

2,4,5-Trichlorophenol

Concen: 36.589 ng

RT: 9.21 min Scan# 1211

Delta R.T. 0.00 min

Lab File: BF100338.D

Acq: 9 Nov 2017 13:29

Tgt Ion:196 Resp: 222180

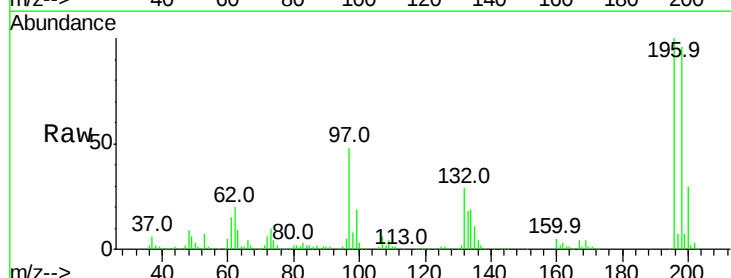
Ion Ratio Lower Upper

196 100

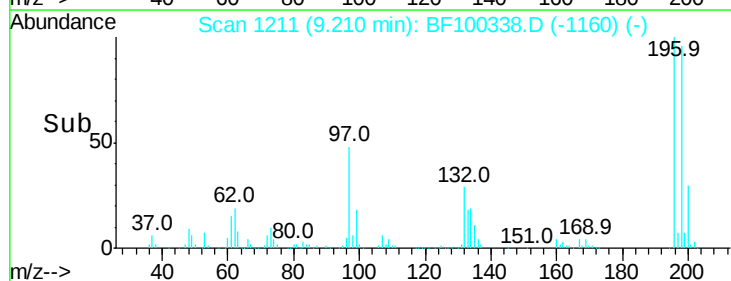
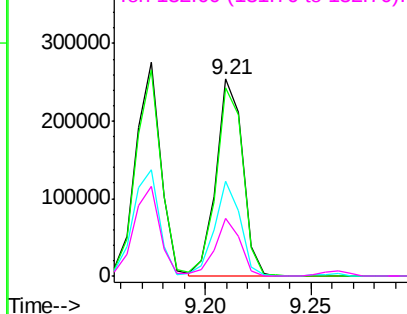
198 96.0 74.6 112.0

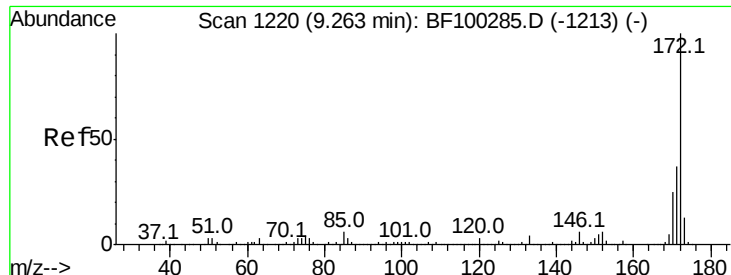
97 48.3 42.9 64.3

132 29.4 26.3 39.5



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

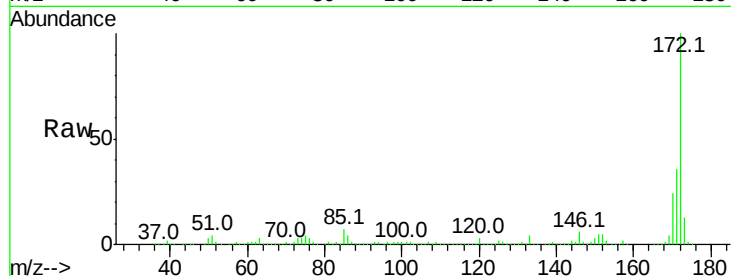




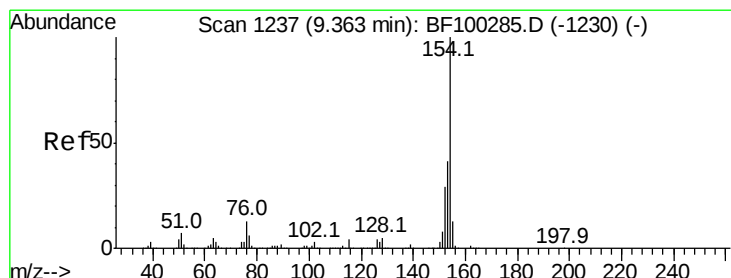
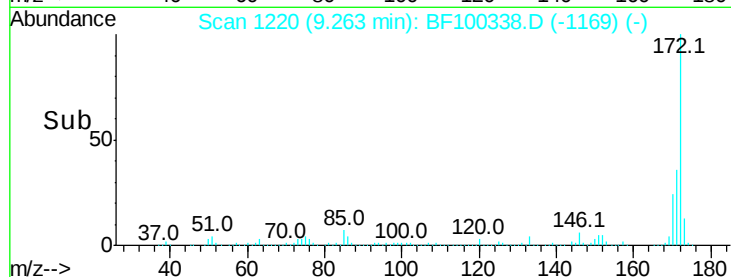
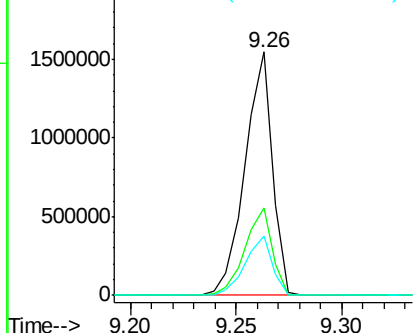
#44  
2-Fluorobiphenyl  
Concen: 76.141 ng  
RT: 9.26 min Scan# 1220  
Delta R.T. 0.00 min  
Lab File: BF100338.D  
Acq: 9 Nov 2017 13:29

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:172 Resp: 1394242  
Ion Ratio Lower Upper  
172 100  
171 36.1 29.7 44.5  
170 24.3 19.6 29.4

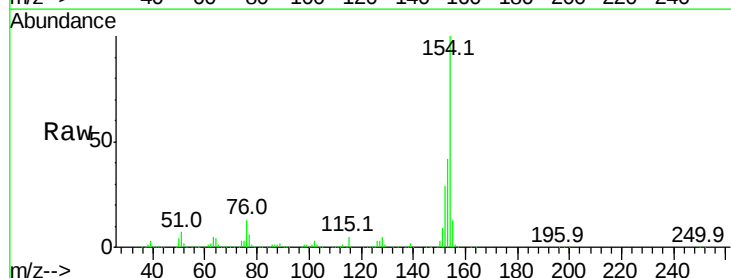


Abundance Ion 172.00 (171.70 to 172.70): E  
Ion 171.00 (170.70 to 171.70): E  
Ion 170.00 (169.70 to 170.70): E

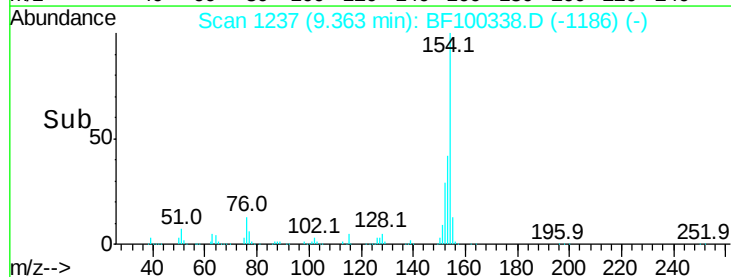
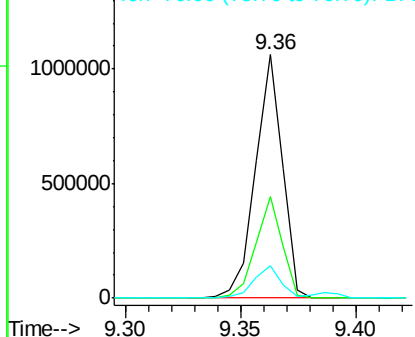


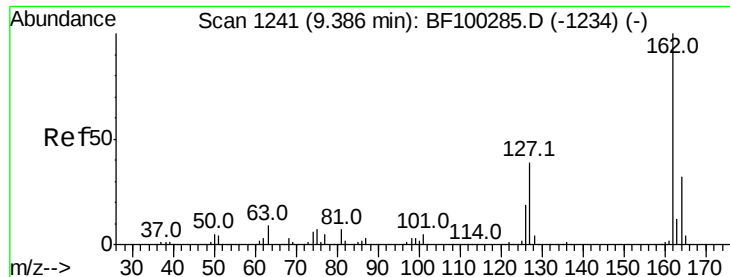
#45  
1,1'-Biphenyl  
Concen: 36.008 ng  
RT: 9.36 min Scan# 1237  
Delta R.T. 0.00 min  
Lab File: BF100338.D  
Acq: 9 Nov 2017 13:29

Tgt Ion:154 Resp: 868379  
Ion Ratio Lower Upper  
154 100  
153 41.5 21.3 61.3  
76 13.3 0.0 34.0



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

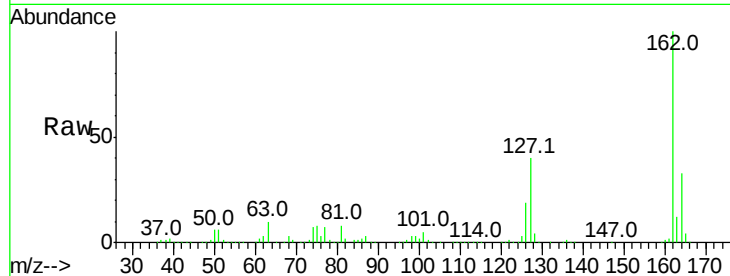




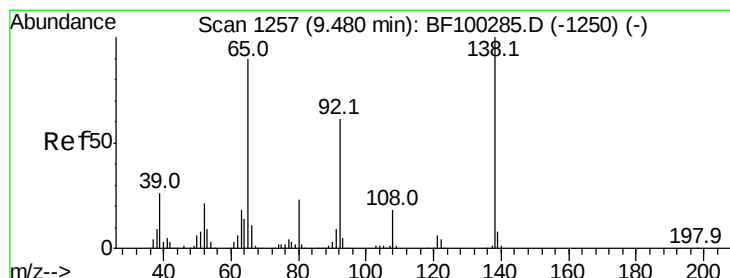
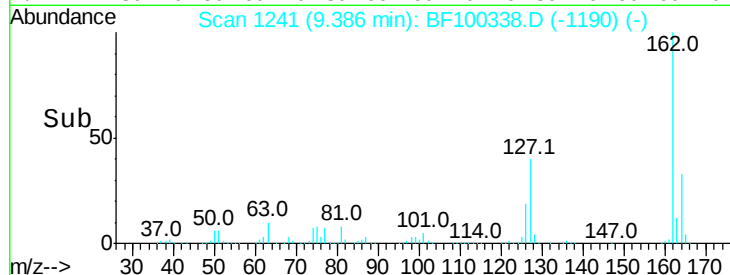
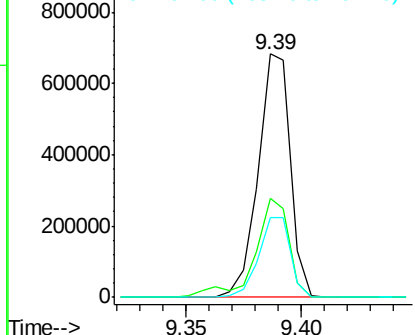
#46  
2-Chloronaphthalene  
Concen: 37.816 ng  
RT: 9.39 min Scan# 1241  
Delta R.T. 0.00 min  
Lab File: BF100338.D  
Acq: 9 Nov 2017 13:29

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:162 Resp: 661601  
Ion Ratio Lower Upper  
162 100  
127 40.5 33.9 50.9  
164 32.8 26.5 39.7

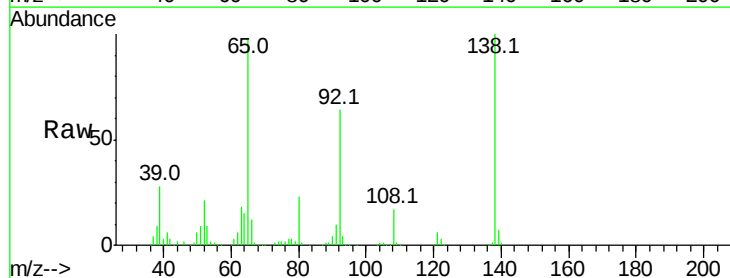


Abundance Ion 162.00 (161.70 to 162.70): E  
Ion 127.00 (126.70 to 127.70): E  
Ion 164.00 (163.70 to 164.70): E

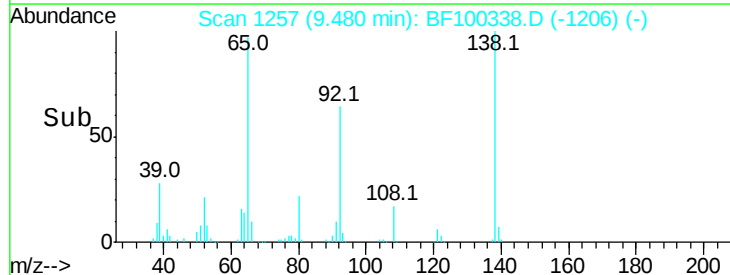
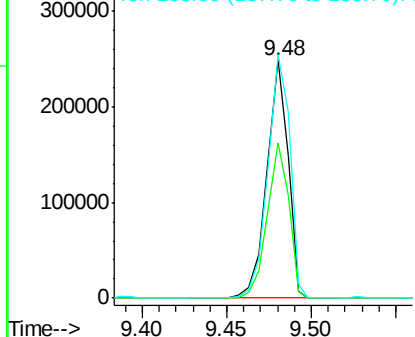


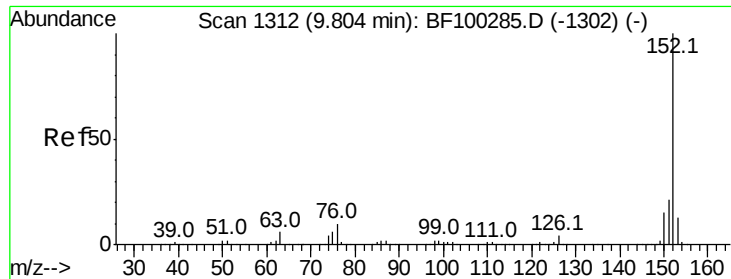
#47  
2-Nitroaniline  
Concen: 42.194 ng  
RT: 9.48 min Scan# 1257  
Delta R.T. 0.00 min  
Lab File: BF100338.D  
Acq: 9 Nov 2017 13:29

Tgt Ion: 65 Resp: 216276  
Ion Ratio Lower Upper  
65 100  
92 65.3 55.8 83.6  
138 102.2 91.2 136.8



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





#48

Acenaphthylene

Concen: 33.481 ng

RT: 9.80 min Scan# 1312

Delta R.T. 0.00 min

Lab File: BF100338.D

Acq: 9 Nov 2017 13:29

Instrument :

BNA\_F

ClientSampleId :

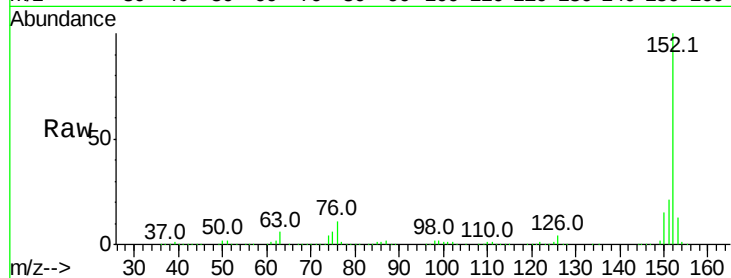
Tot Ion:152 Resp: 970740

Ion Ratio Lower Upper

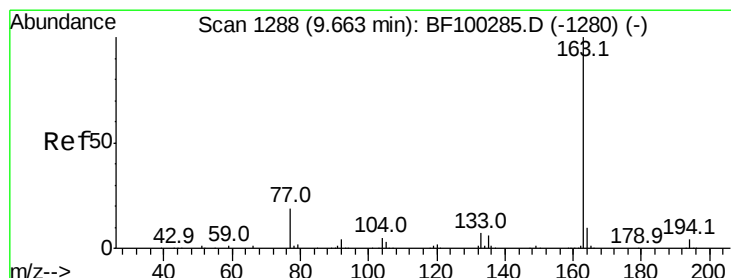
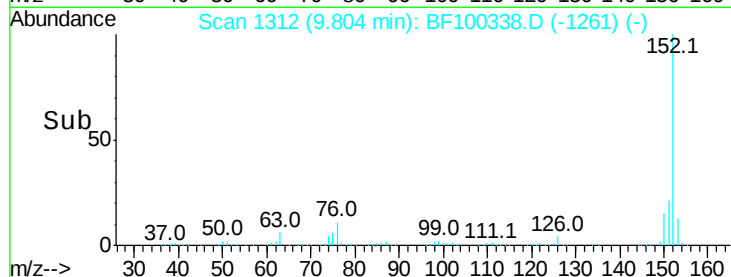
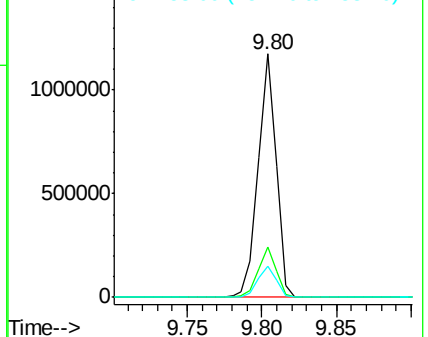
152 100

151 20.6 16.3 24.5

153 13.0 10.7 16.1



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



#49

Dimethylphthalate

Concen: 38.416 ng

RT: 9.66 min Scan# 1288

Delta R.T. 0.00 min

Lab File: BF100338.D

Acq: 9 Nov 2017 13:29

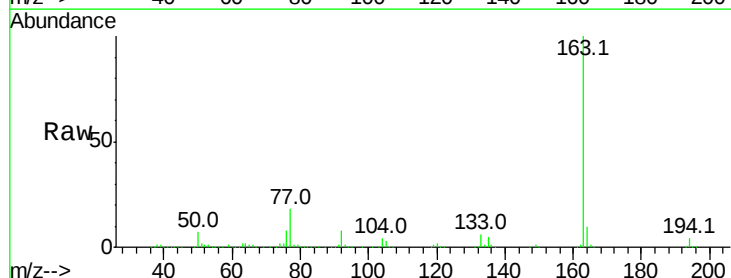
Tgt Ion:163 Resp: 817833

Ion Ratio Lower Upper

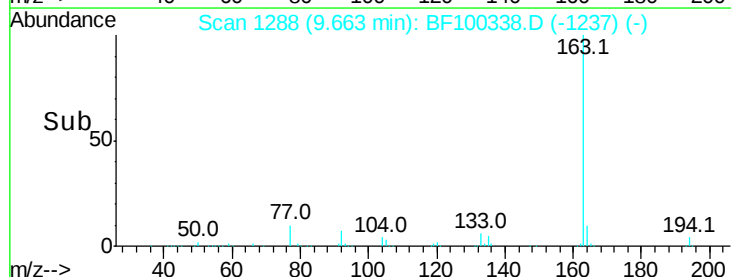
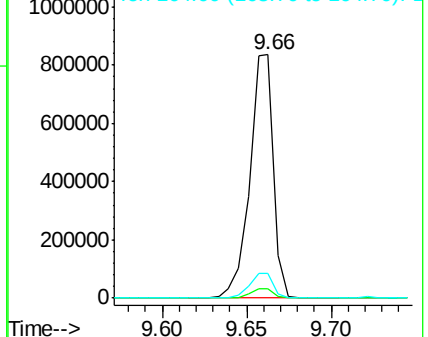
163 100

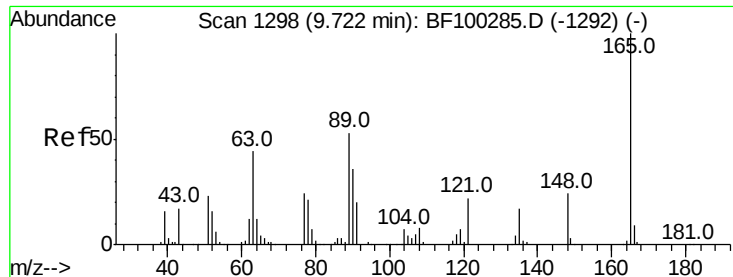
194 3.9 2.7 4.1

164 10.0 8.2 12.2



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

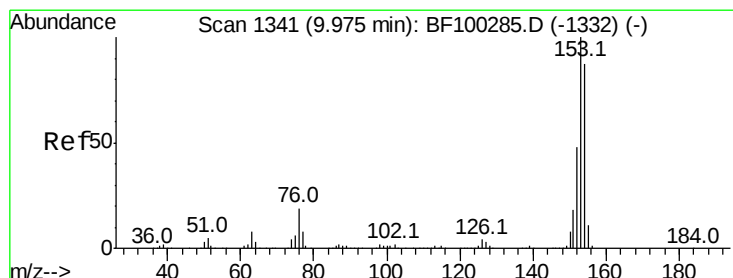
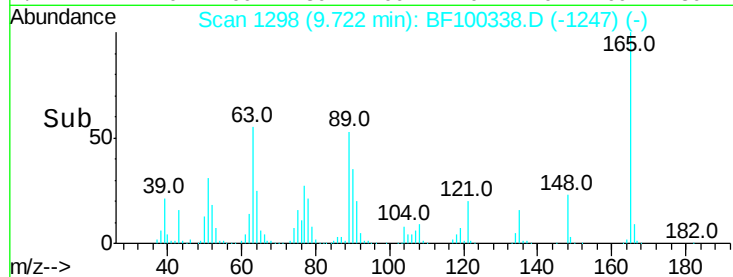
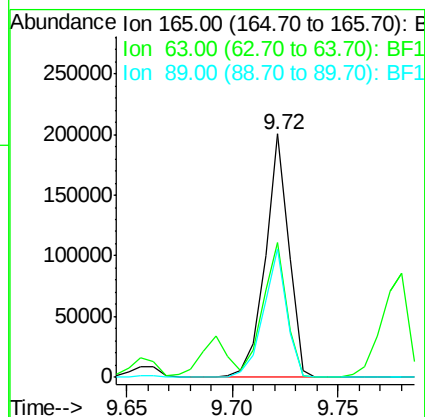
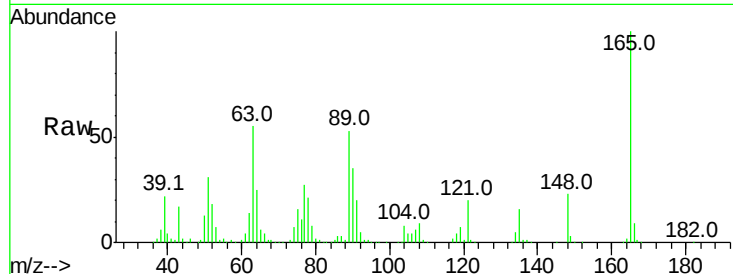




#50  
 2,6-Dinitrotoluene  
 Concen: 36.744 ng  
 RT: 9.72 min Scan# 1298  
 Delta R.T. 0.00 min  
 Lab File: BF100338.D  
 Acq: 9 Nov 2017 13:29

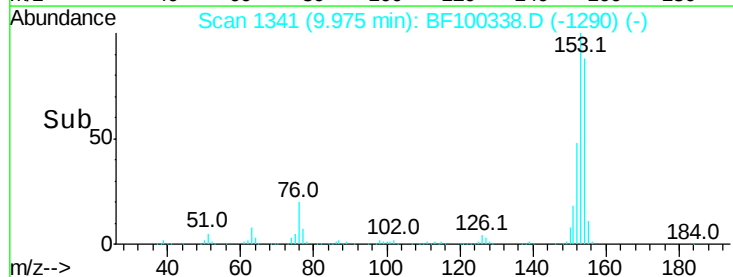
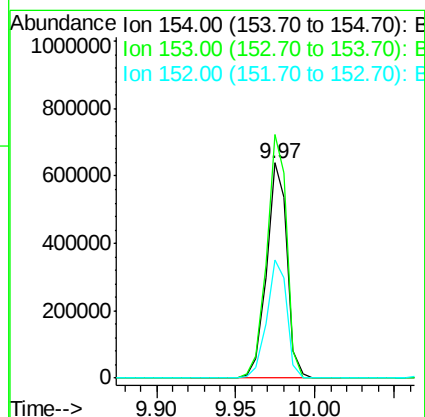
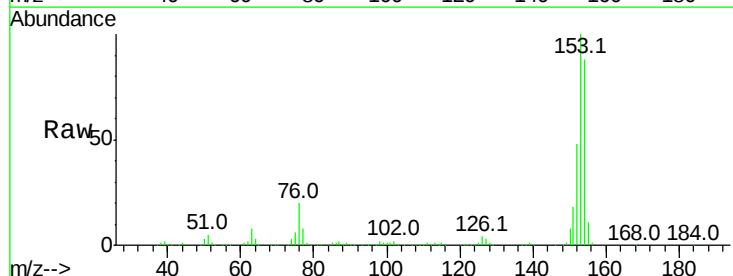
Instrument :  
 BNA\_F  
 ClientSampleId :

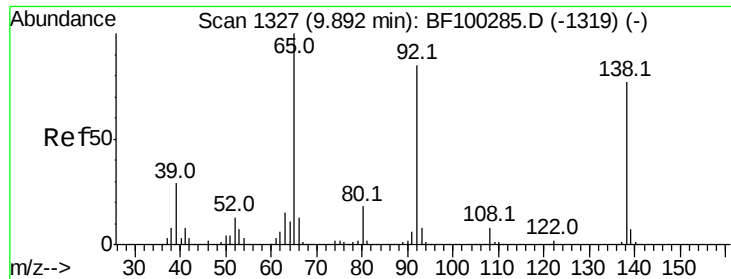
Tot Ion:165 Resp: 154841  
 Ion Ratio Lower Upper  
 165 100  
 63 55.2 44.7 67.1  
 89 52.8 44.0 66.0



#51  
 Acenaphthene  
 Concen: 32.847 ng  
 RT: 9.97 min Scan# 1341  
 Delta R.T. 0.00 min  
 Lab File: BF100338.D  
 Acq: 9 Nov 2017 13:29

Tgt Ion:154 Resp: 579203  
 Ion Ratio Lower Upper  
 154 100  
 153 113.0 91.2 136.8  
 152 54.7 43.8 65.8

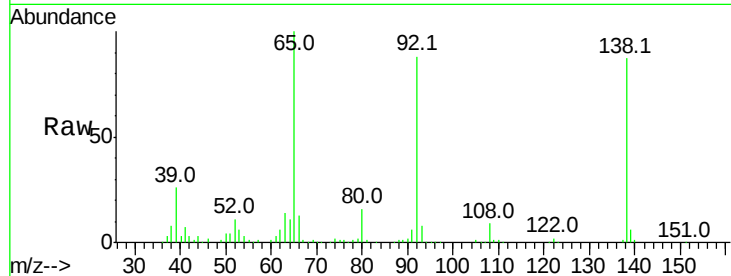




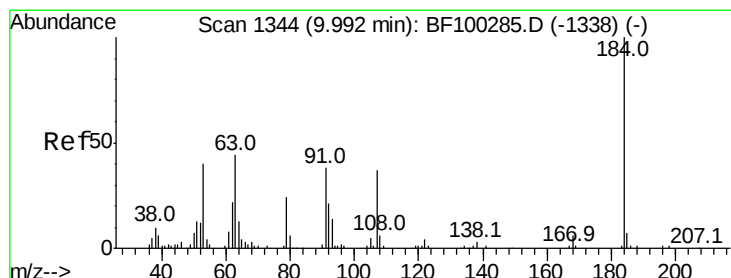
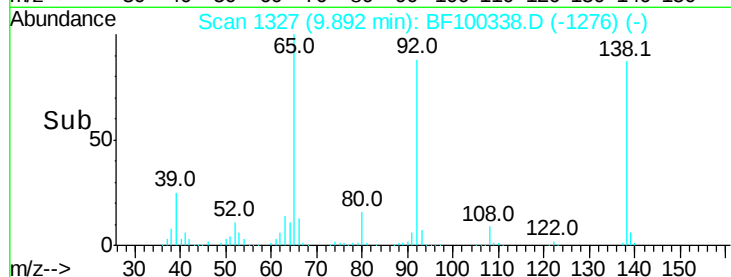
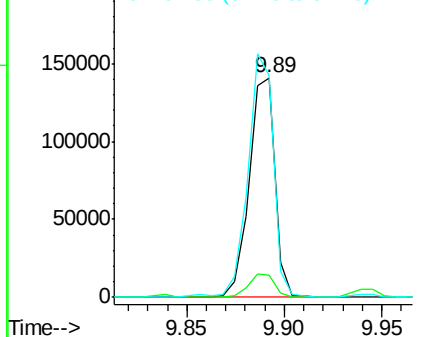
#52  
3-Nitroaniline  
Concen: 25.887 ng  
RT: 9.89 min Scan# 1327  
Delta R.T. 0.00 min  
Lab File: BF100338.D  
Acq: 9 Nov 2017 13:29

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:138 Resp: 128818  
Ion Ratio Lower Upper  
138 100  
108 10.1 9.4 14.0  
92 101.1 89.4 134.2

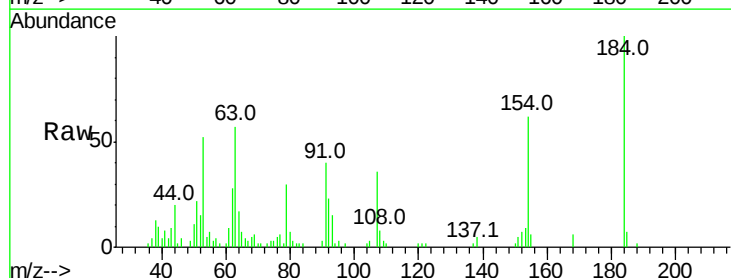


Abundance Ion 138.00 (137.70 to 138.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 92.00 (91.70 to 92.70): BF1

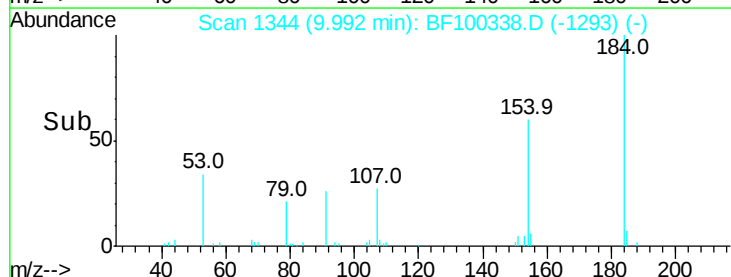
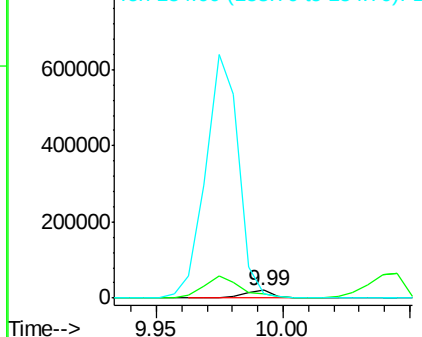


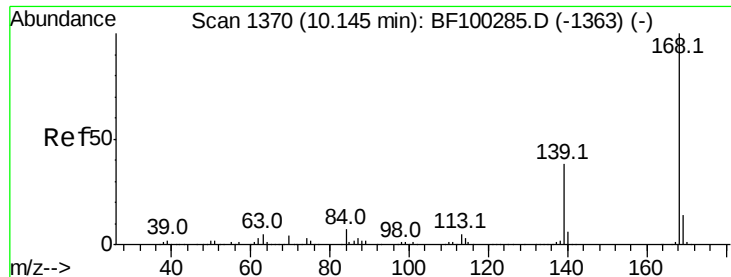
#53  
2,4-Dinitrophenol  
Concen: 19.229 ng  
RT: 9.99 min Scan# 1344  
Delta R.T. 0.00 min  
Lab File: BF100338.D  
Acq: 9 Nov 2017 13:29

Tgt Ion:184 Resp: 16396  
Ion Ratio Lower Upper  
184 100  
63 56.5 54.2 81.2  
154 62.0 184.0 276.0#



Abundance Ion 184.00 (183.70 to 184.70): E  
Ion 63.00 (62.70 to 63.70): BF1  
Ion 154.00 (153.70 to 154.70): E

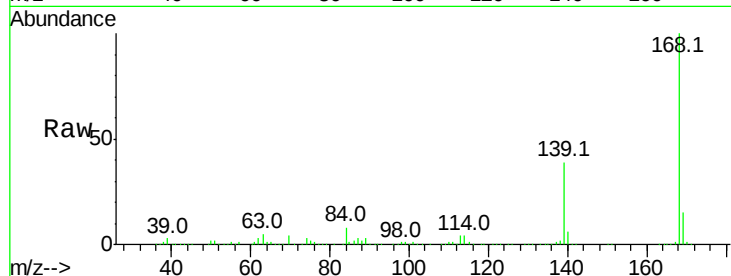




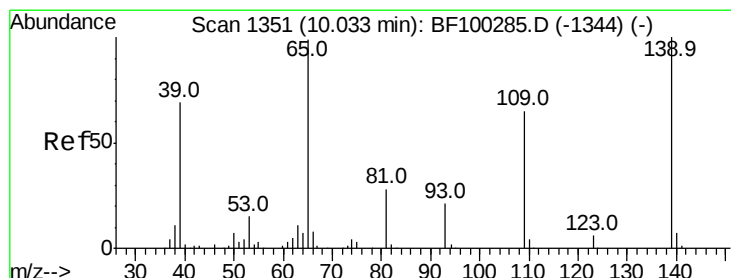
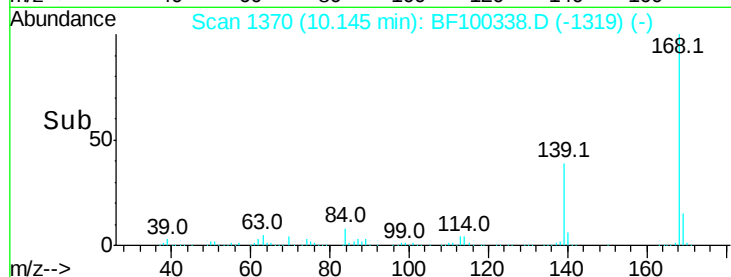
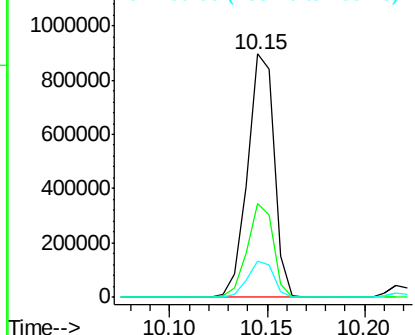
#54  
Dibenzenofuran  
Concen: 34.283 ng  
RT: 10.15 min Scan# 1370  
Delta R.T. 0.00 min  
Lab File: BF100338.D  
Acq: 9 Nov 2017 13:29

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:168 Resp: 847280  
Ion Ratio Lower Upper  
168 100  
139 38.6 30.1 45.1  
169 14.9 10.9 16.3

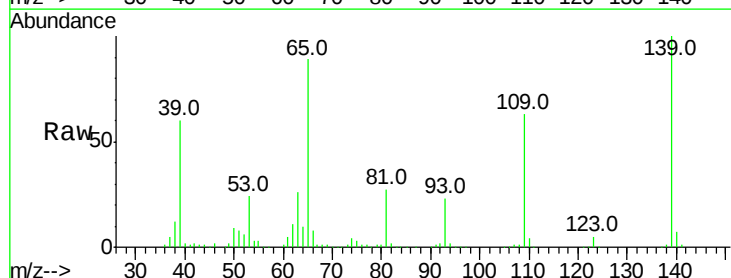


Abundance Ion 168.00 (167.70 to 168.70): E  
Ion 139.00 (138.70 to 139.70): E  
Ion 169.00 (168.70 to 169.70): E

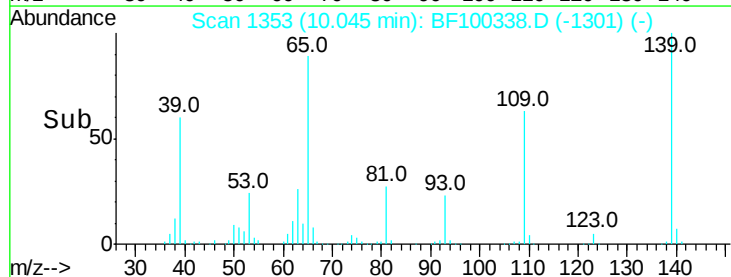
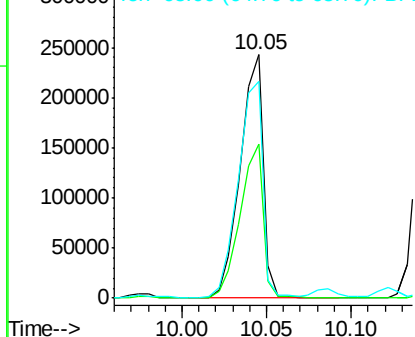


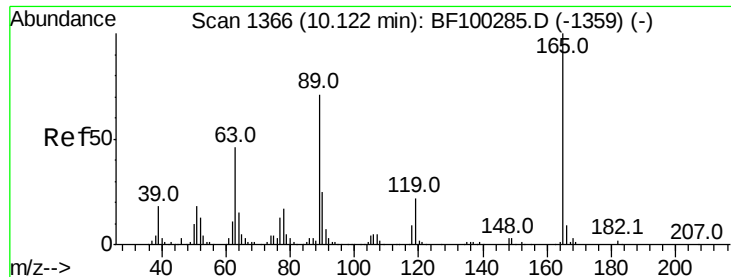
#55  
4-Nitrophenol  
Concen: 57.259 ng  
RT: 10.05 min Scan# 1353  
Delta R.T. 0.01 min  
Lab File: BF100338.D  
Acq: 9 Nov 2017 13:29

Tgt Ion:139 Resp: 231357  
Ion Ratio Lower Upper  
139 100  
109 63.1 48.4 88.4  
65 89.0 72.6 112.6



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

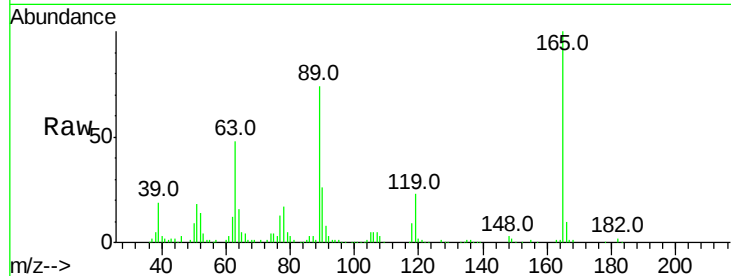




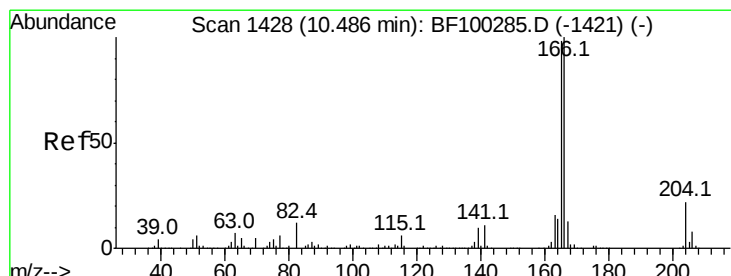
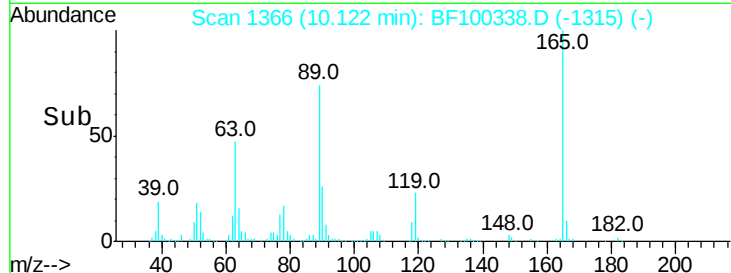
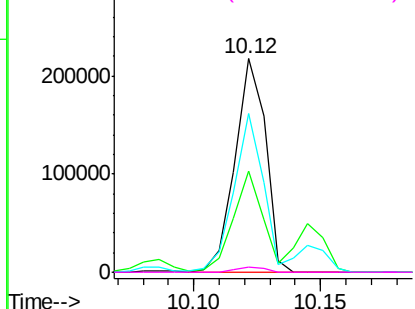
#56  
2,4-Dinitrotoluene  
Concen: 34.331 ng  
RT: 10.12 min Scan# 1366  
Delta R.T. 0.00 min  
Lab File: BF100338.D  
Acq: 9 Nov 2017 13:29

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:165 Resp: 182512  
Ion Ratio Lower Upper  
165 100  
63 47.6 36.4 54.6  
89 74.2 57.8 86.6  
182 2.2 1.6 2.4

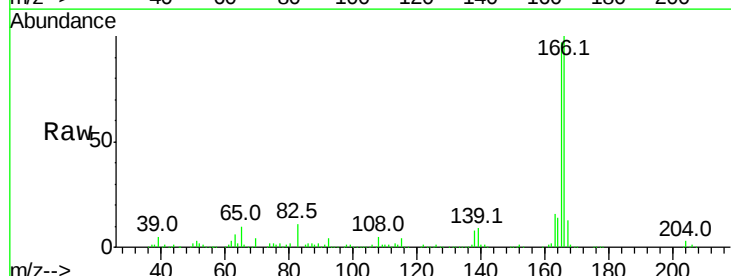


Abundance Ion 165.00 (164.70 to 165.70): E  
Ion 63.00 (62.70 to 63.70): BF1  
Ion 89.00 (88.70 to 89.70): BF1  
Ion 182.00 (181.70 to 182.70): E

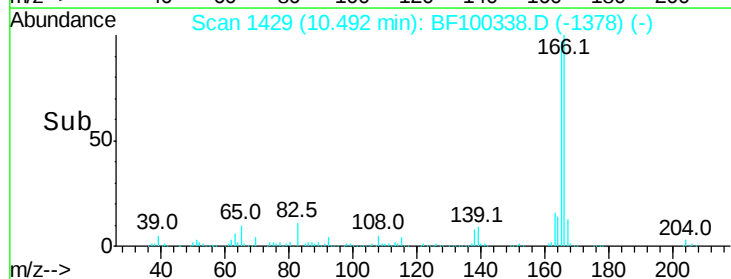
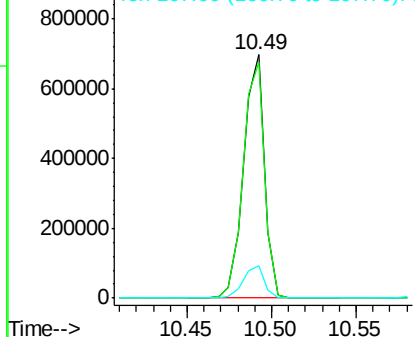


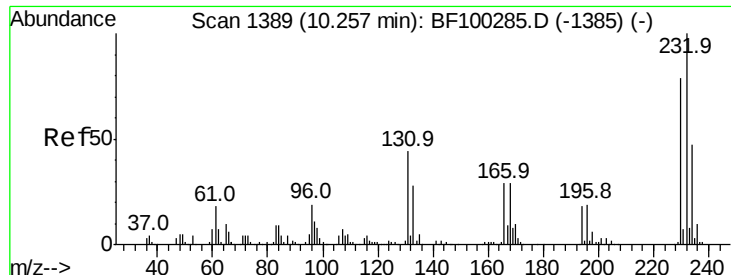
#57  
Fluorene  
Concen: 33.055 ng  
RT: 10.49 min Scan# 1429  
Delta R.T. 0.00 min  
Lab File: BF100338.D  
Acq: 9 Nov 2017 13:29

Tgt Ion:166 Resp: 598451  
Ion Ratio Lower Upper  
166 100  
165 97.0 79.8 119.8  
167 13.3 10.6 16.0



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





#58

2,3,4,6-Tetrachlorophenol

Concen: 33.583 ng

RT: 10.26 min Scan# 1390

Delta R.T. 0.01 min

Lab File: BF100338.D

Acq: 9 Nov 2017 13:29

Instrument :

BNA\_F

ClientSampleId :

Tot Ion:232 Resp: 167132

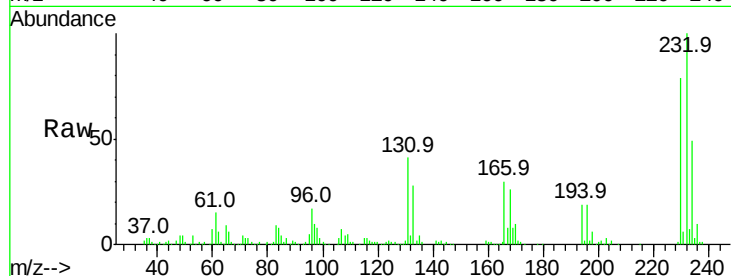
Ion Ratio Lower Upper

232 100

131 44.6 43.8 65.8

130 2.1 2.1 3.1#

166 31.5 27.8 41.6

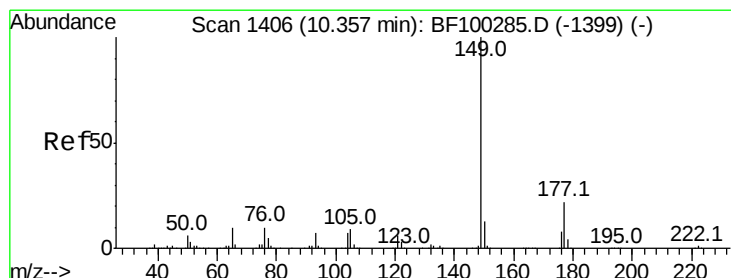
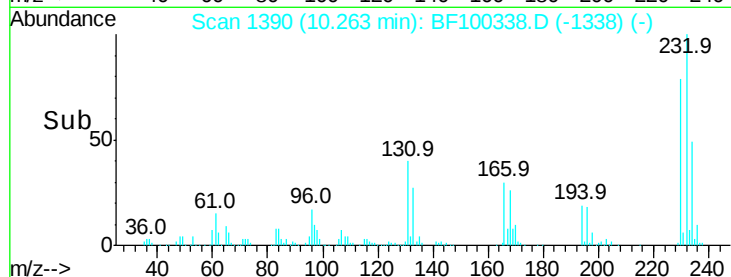
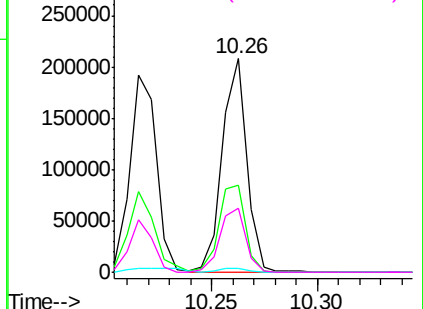


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#59

Diethylphthalate

Concen: 34.202 ng

RT: 10.36 min Scan# 1406

Delta R.T. -0.01 min

Lab File: BF100338.D

Acq: 9 Nov 2017 13:29

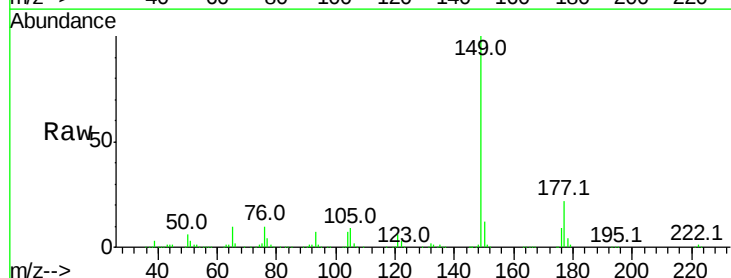
Tgt Ion:149 Resp: 728651

Ion Ratio Lower Upper

149 100

177 21.7 16.1 24.1

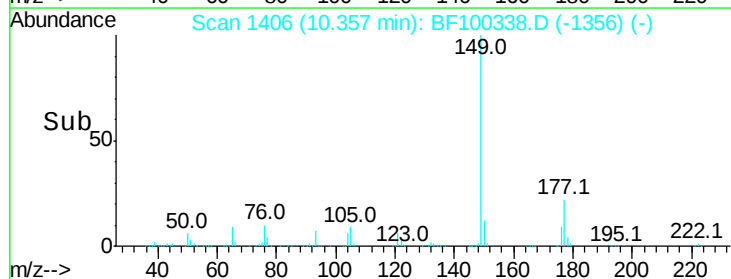
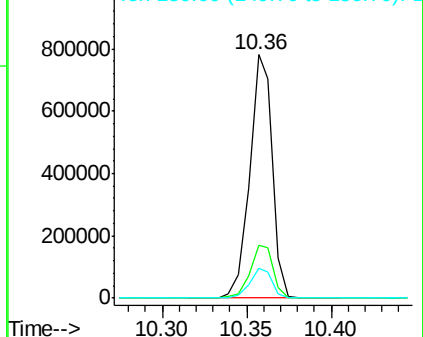
150 12.1 10.1 15.1

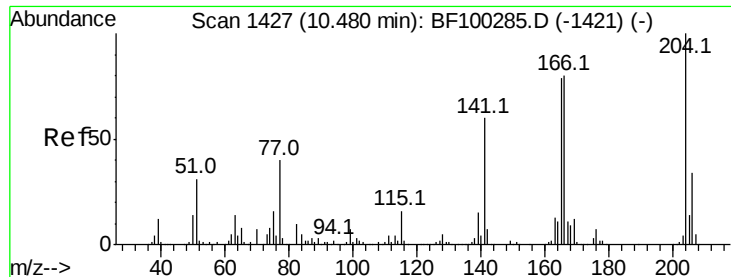


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

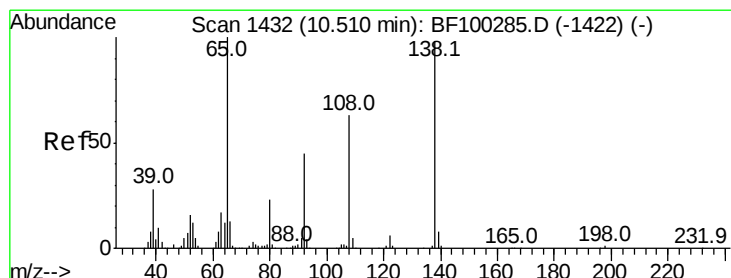
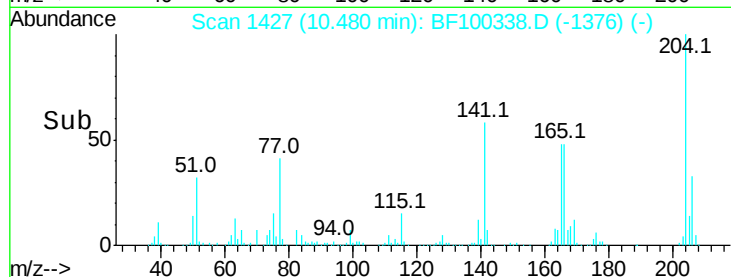
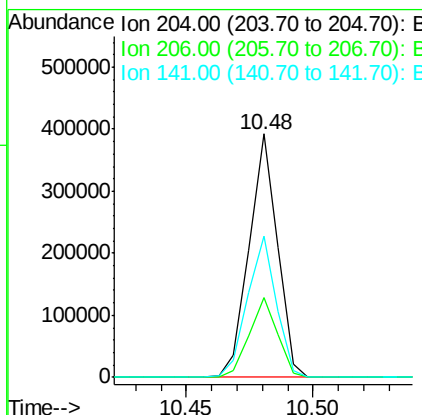
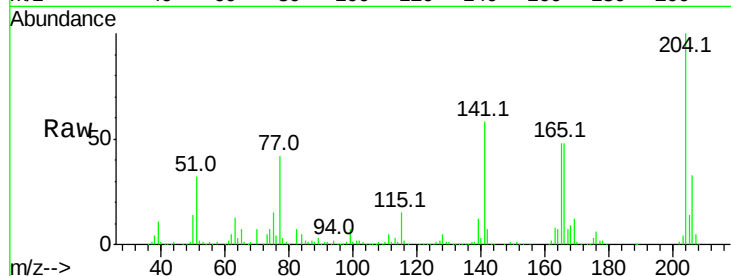




#60  
 4-Chlorophenyl-phenylether  
 Concen: 34.445 ng  
 RT: 10.48 min Scan# 1427  
 Delta R.T. 0.00 min  
 Lab File: BF100338.D  
 Acq: 9 Nov 2017 13:29

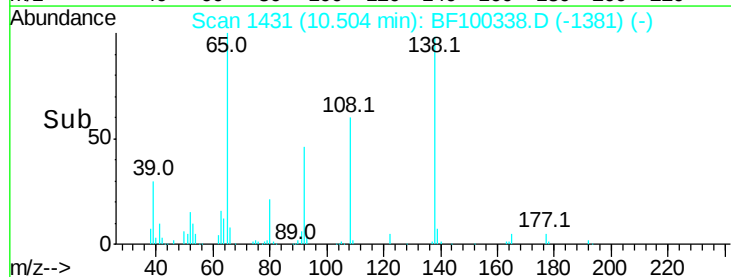
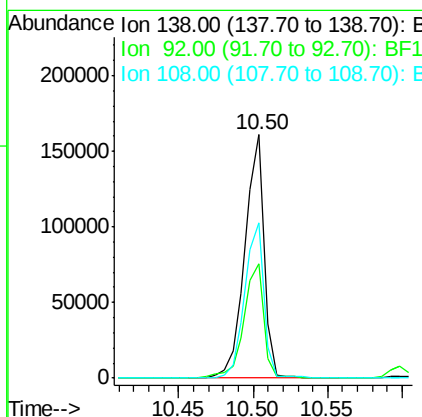
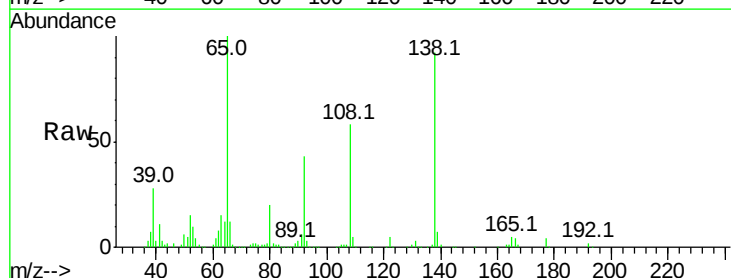
Instrument :  
 BNA\_F  
 ClientSampleId :

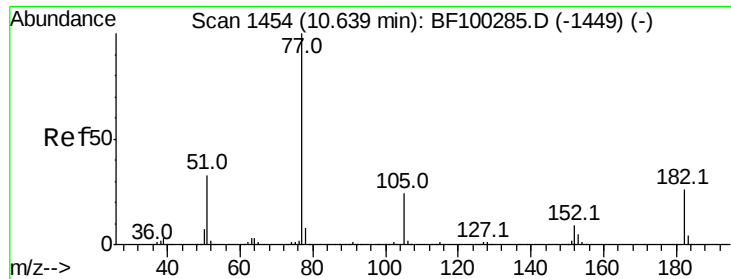
Tot Ion:204 Resp: 305922  
 Ion Ratio Lower Upper  
 204 100  
 206 32.6 26.5 39.7  
 141 57.9 54.6 81.8



#61  
 4-Nitroaniline  
 Concen: 30.589 ng  
 RT: 10.50 min Scan# 1431  
 Delta R.T. -0.01 min  
 Lab File: BF100338.D  
 Acq: 9 Nov 2017 13:29

Tgt Ion:138 Resp: 144333  
 Ion Ratio Lower Upper  
 138 100  
 92 47.1 30.2 70.2  
 108 63.8 52.5 92.5





#62

Azobenzene

Concen: 35.086 ng

RT: 10.64 min Scan# 1454

Delta R.T. 0.00 min

Lab File: BF100338.D

Acq: 9 Nov 2017 13:29

Instrument :

BNA\_F

ClientSampled :

Tot Ion: 77 Resp: 704014

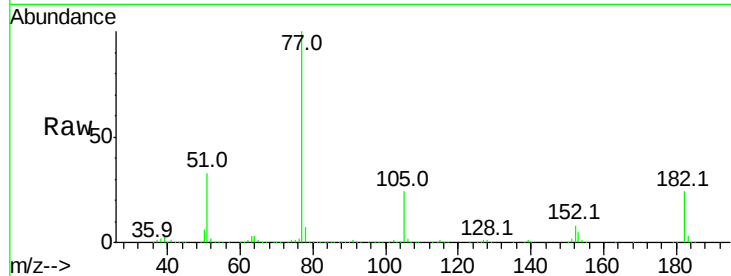
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 182 | 24.0  | 1.7   | 41.7  |
| 105 | 23.6  | 3.0   | 43.0  |
| 51  | 32.5  | 9.9   | 49.9  |

77 100

182 24.0 1.7 41.7

105 23.6 3.0 43.0

51 32.5 9.9 49.9

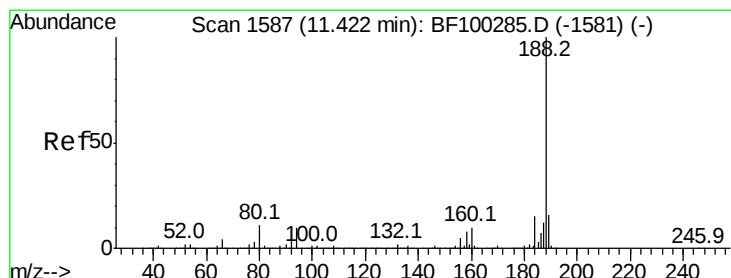
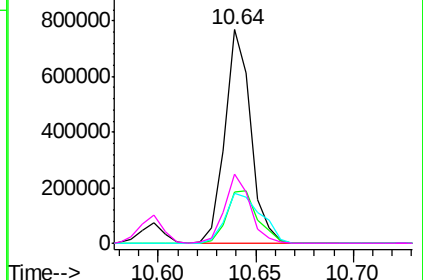
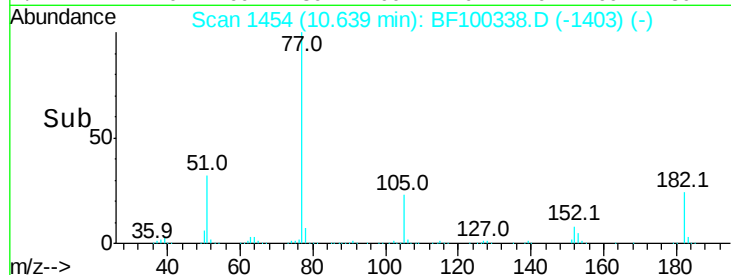


Abundance Ion 77.00 (76.70 to 77.70): BF1

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



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.43 min Scan# 1588

Delta R.T. 0.00 min

Lab File: BF100338.D

Acq: 9 Nov 2017 13:29

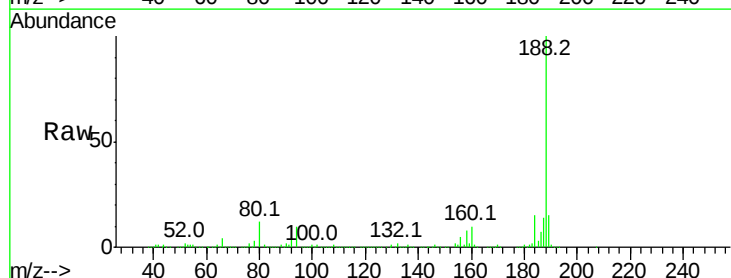
Tgt Ion: 188 Resp: 460119

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 188 | 100   |       |       |
| 94  | 9.7   | 8.5   | 12.7  |
| 80  | 11.7  | 9.2   | 13.8  |

188 100

94 9.7 8.5 12.7

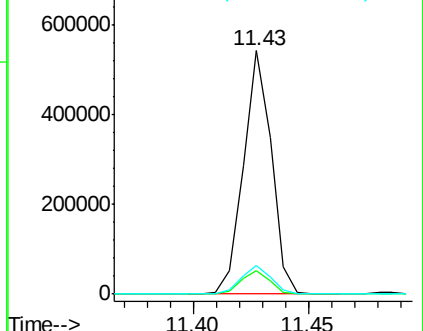
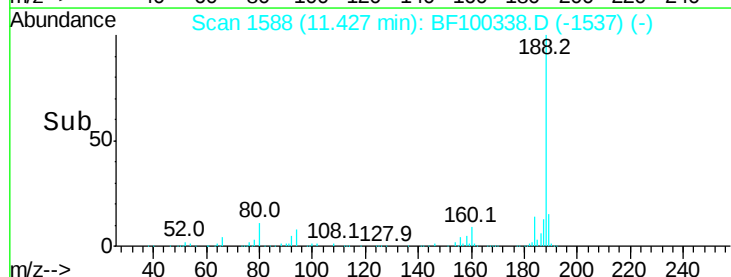
80 11.7 9.2 13.8

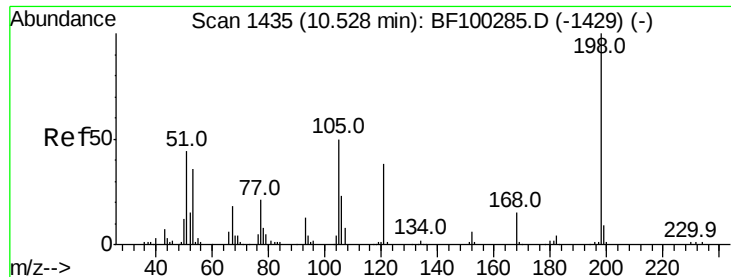


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#64

4,6-Dinitro-2-methylphenol

Concen: 16.608 ng

RT: 10.53 min Scan# 1435

Delta R.T. -0.01 min

Lab File: BF100338.D

Acq: 9 Nov 2017 13:29

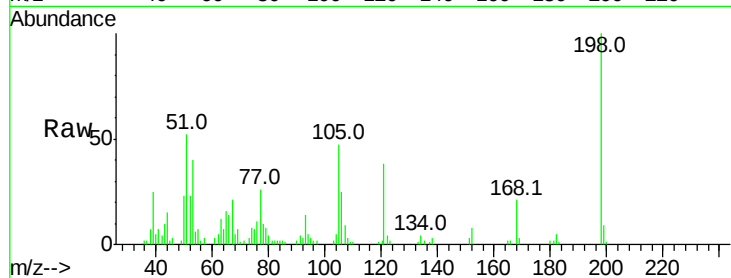
Instrument :

BNA\_F

ClientSampleId :

Tot Ion:198 Resp: 22733

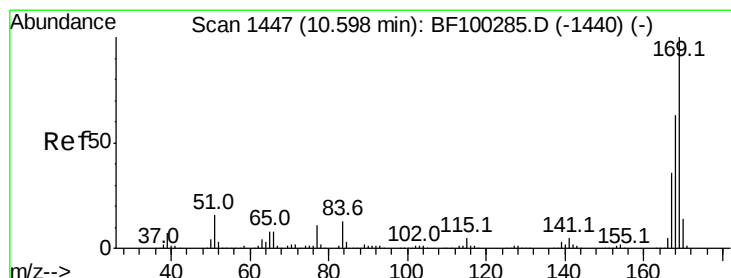
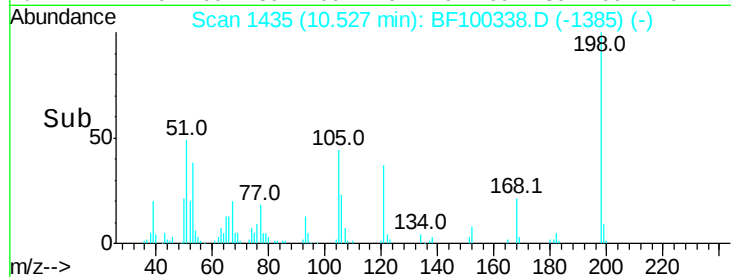
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 198 | 100   |       |       |
| 51  | 52.4  | 37.7  | 77.7  |
| 105 | 46.7  | 36.3  | 76.3  |



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



#65

n-Nitrosodiphenylamine

Concen: 36.436 ng

RT: 10.60 min Scan# 1447

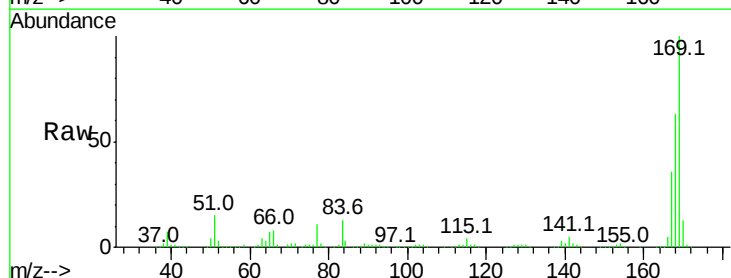
Delta R.T. 0.00 min

Lab File: BF100338.D

Acq: 9 Nov 2017 13:29

Tgt Ion:169 Resp: 582927

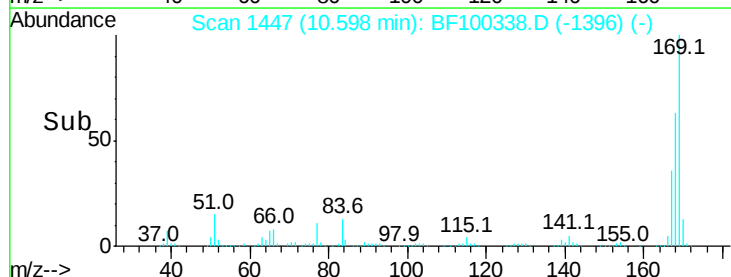
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 169 | 100   |       |       |
| 168 | 63.3  | 54.4  | 81.6  |
| 167 | 36.0  | 29.8  | 44.6  |

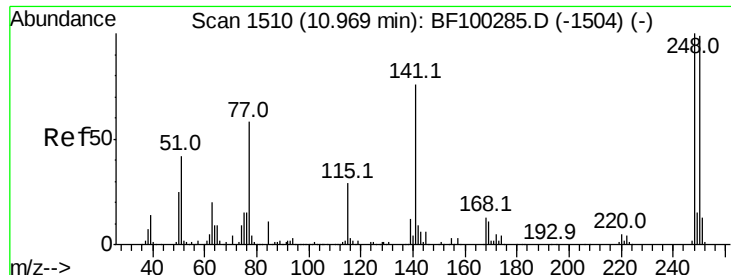


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

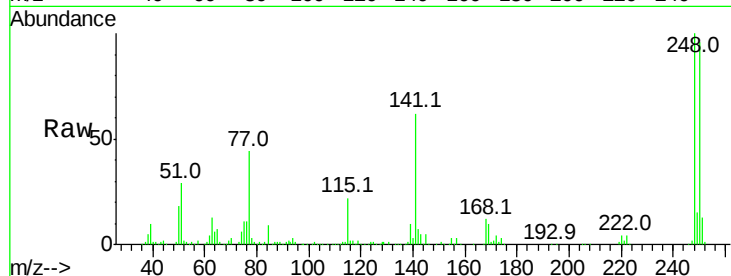




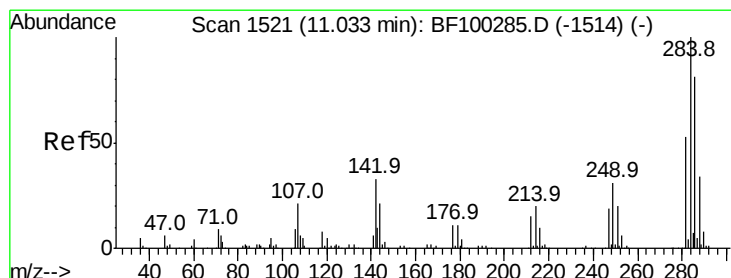
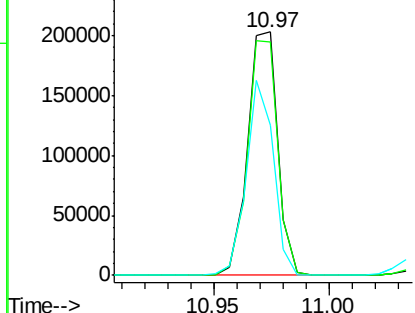
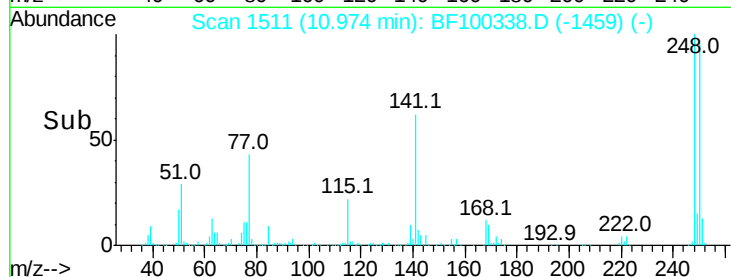
#66  
4-Bromophenyl-phenylether  
Concen: 37.563 ng  
RT: 10.97 min Scan# 1511  
Delta R.T. 0.01 min  
Lab File: BF100338.D  
Acq: 9 Nov 2017 13:29

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:248 Resp: 185278  
Ion Ratio Lower Upper  
248 100  
250 95.8 76.9 115.3  
141 61.8 74.4 111.6#

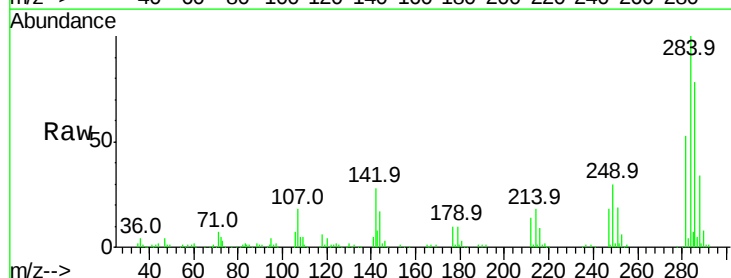


Abundance Ion 248.00 (247.70 to 248.70): E  
Ion 250.00 (249.70 to 250.70): E  
Ion 141.00 (140.70 to 141.70): E

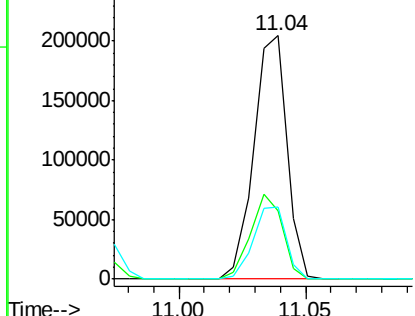
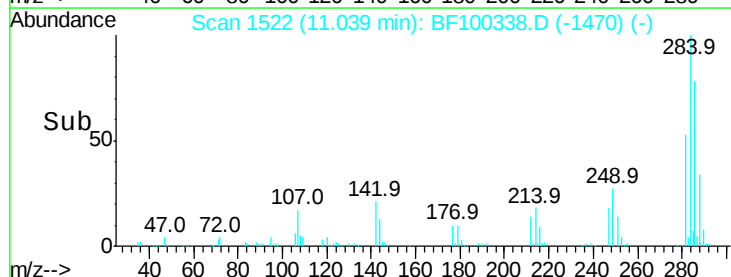


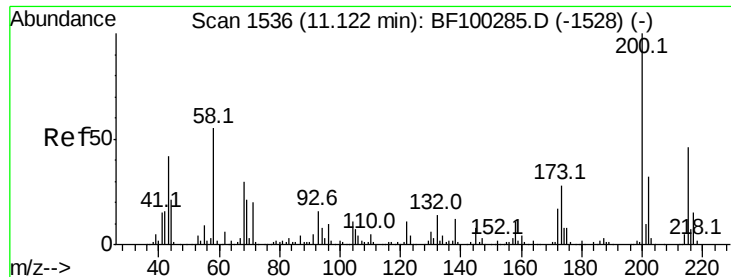
#67  
Hexachlorobenzene  
Concen: 36.269 ng  
RT: 11.04 min Scan# 1522  
Delta R.T. 0.01 min  
Lab File: BF100338.D  
Acq: 9 Nov 2017 13:29

Tgt Ion:284 Resp: 187100  
Ion Ratio Lower Upper  
284 100  
142 27.8 34.6 52.0#  
249 29.6 24.8 37.2



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

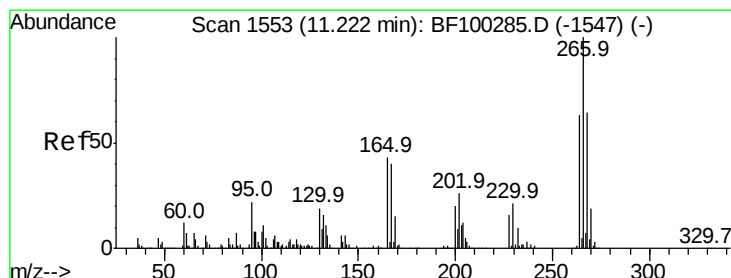
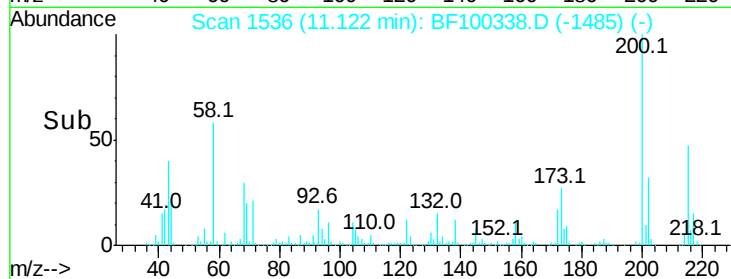
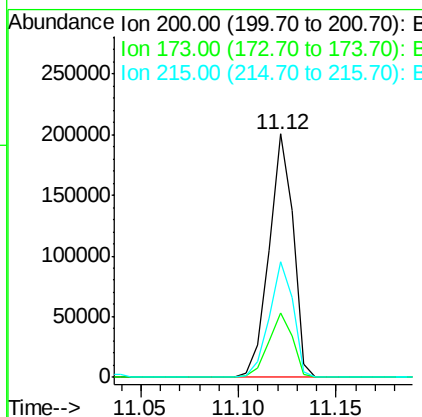
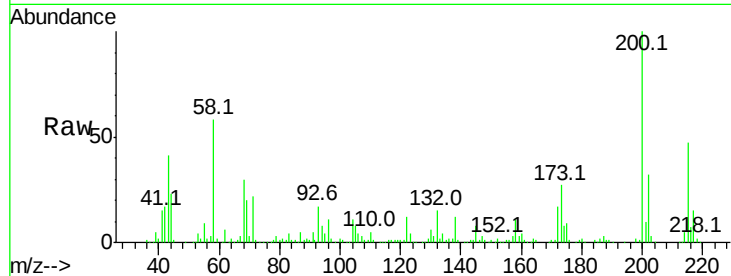




#68  
Atrazine  
Concen: 35.336 ng  
RT: 11.12 min Scan# 1536  
Delta R.T. 0.00 min  
Lab File: BF100338.D  
Acq: 9 Nov 2017 13:29

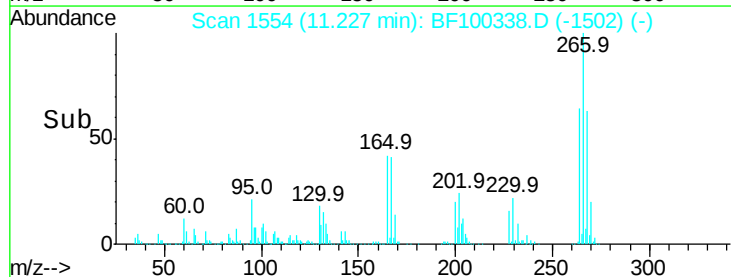
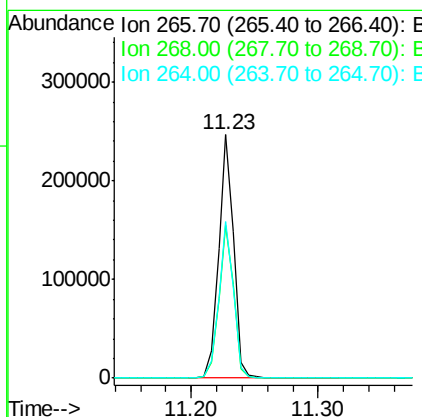
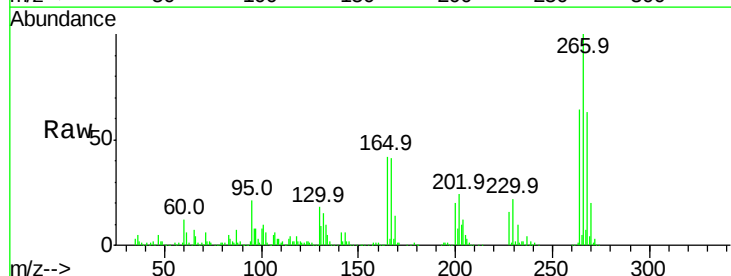
Instrument :  
BNA\_F  
ClientSampleId :

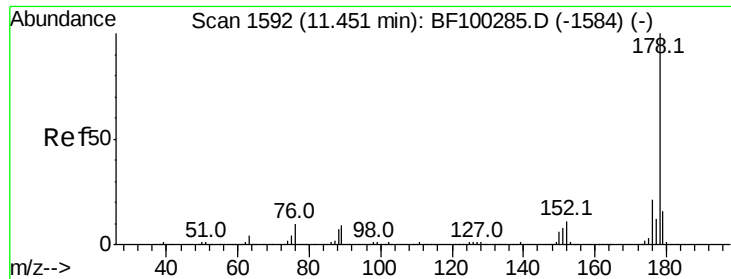
Tot Ion:200 Resp: 171126  
Ion Ratio Lower Upper  
200 100  
173 26.6 8.6 48.6  
215 47.4 25.1 65.1



#69  
Pentachlorophenol  
Concen: 55.424 ng  
RT: 11.23 min Scan# 1554  
Delta R.T. 0.01 min  
Lab File: BF100338.D  
Acq: 9 Nov 2017 13:29

Tgt Ion:266 Resp: 205017  
Ion Ratio Lower Upper  
266 100  
268 62.6 51.1 76.7  
264 64.5 49.5 74.3





#70

Phenanthrene

Concen: 34.925 ng

RT: 11.45 min Scan# 1592

Delta R.T. 0.00 min

Lab File: BF100338.D

Acq: 9 Nov 2017 13:29

Instrument :

BNA\_F

ClientSampleId :

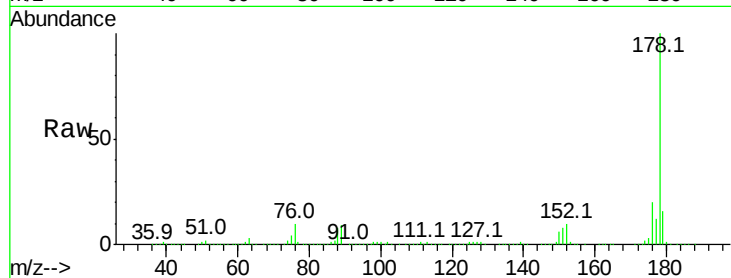
Tot Ion:178 Resp: 846097

Ion Ratio Lower Upper

178 100

176 20.1 15.8 23.8

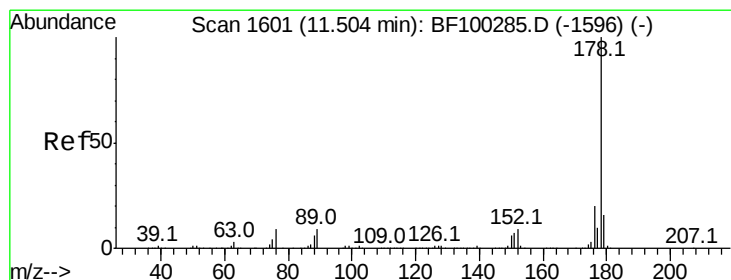
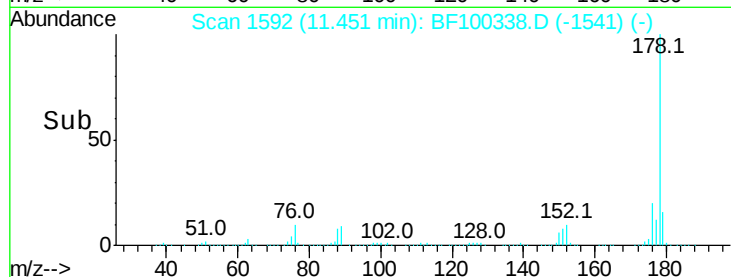
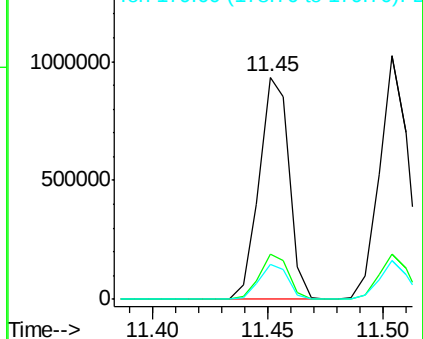
179 15.9 13.0 19.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 35.213 ng

RT: 11.50 min Scan# 1601

Delta R.T. 0.00 min

Lab File: BF100338.D

Acq: 9 Nov 2017 13:29

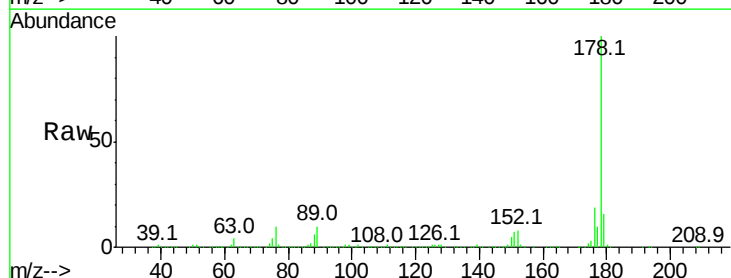
Tgt Ion:178 Resp: 865482

Ion Ratio Lower Upper

178 100

176 18.8 15.4 23.2

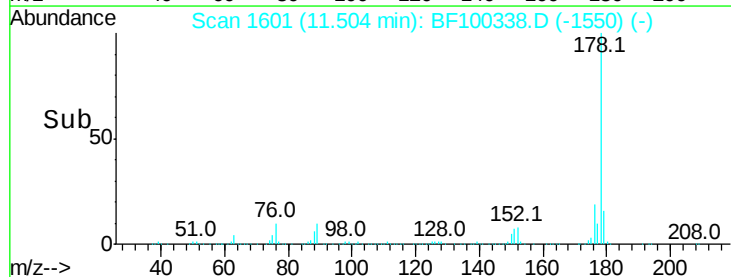
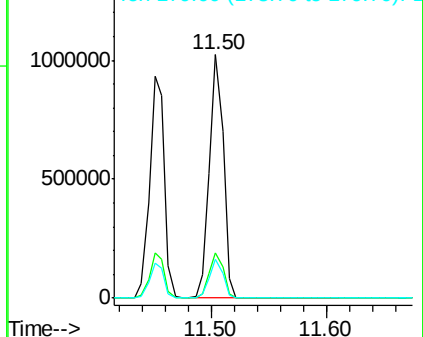
179 16.1 12.6 19.0

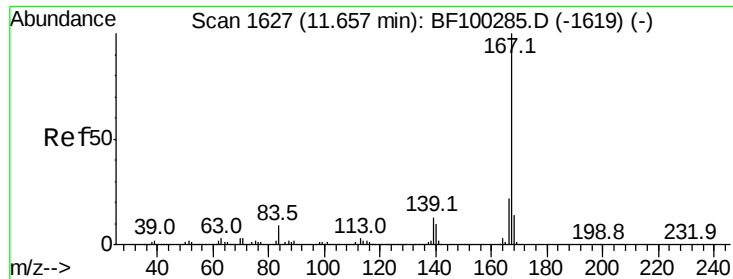


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 33.629 ng

RT: 11.66 min Scan# 1627

Delta R.T. 0.00 min

Lab File: BF100338.D

Acq: 9 Nov 2017 13:29

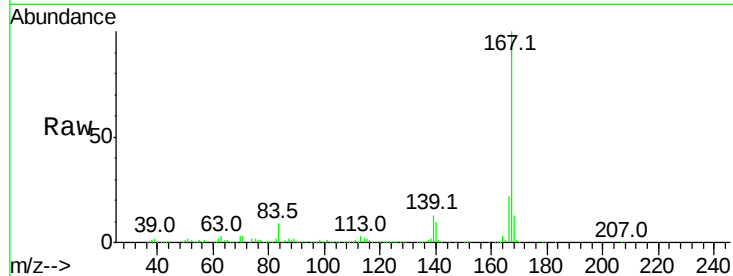
Instrument :

BNA\_F

ClientSampleId :

Tot Ion:167 Resp: 762666

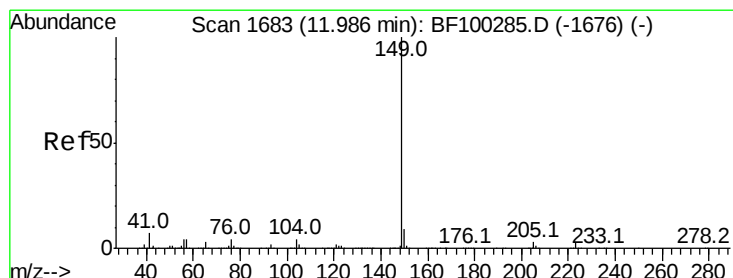
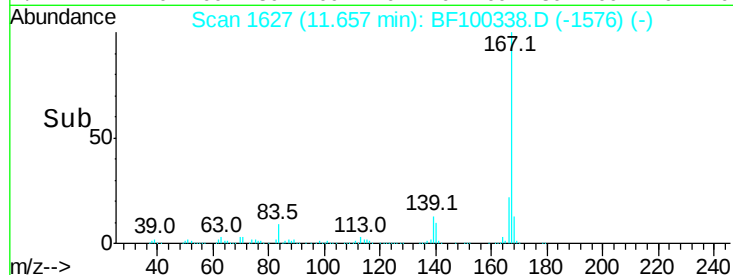
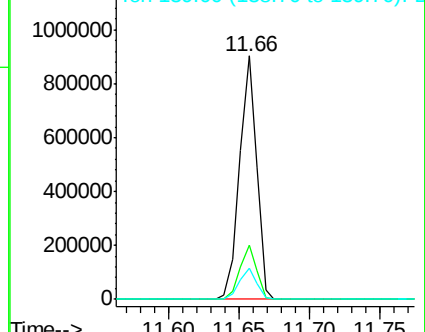
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 167 | 100   |       |       |
| 166 | 22.4  | 17.6  | 26.4  |
| 139 | 12.9  | 10.9  | 16.3  |



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



#73

Di-n-butylphthalate

Concen: 38.945 ng

RT: 11.99 min Scan# 1683

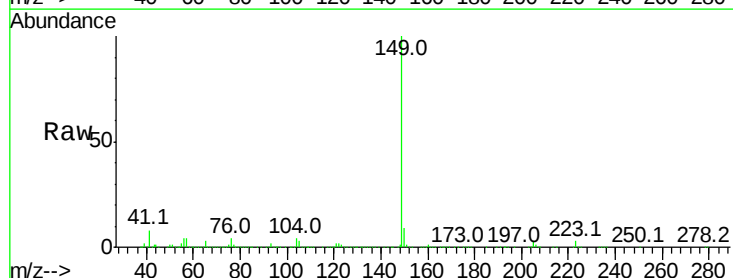
Delta R.T. 0.00 min

Lab File: BF100338.D

Acq: 9 Nov 2017 13:29

Tgt Ion:149 Resp: 1033575

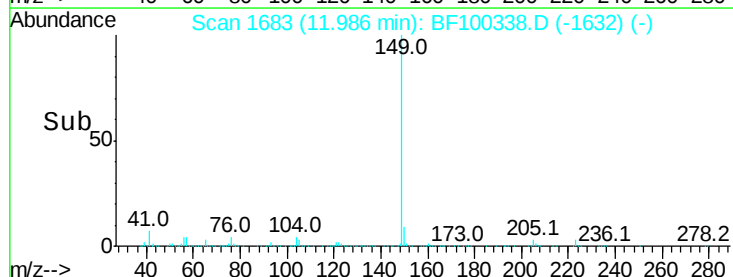
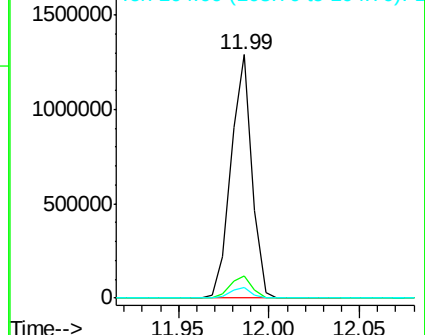
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 150 | 9.3   | 7.8   | 11.6  |
| 104 | 4.4   | 3.8   | 5.8   |

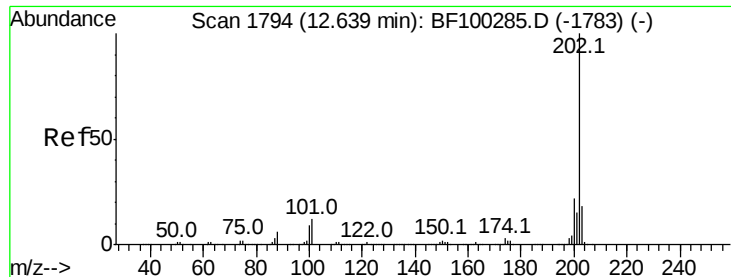


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 34.771 ng

RT: 12.64 min Scan# 1794

Delta R.T. 0.00 min

Lab File: BF100338.D

Acq: 9 Nov 2017 13:29

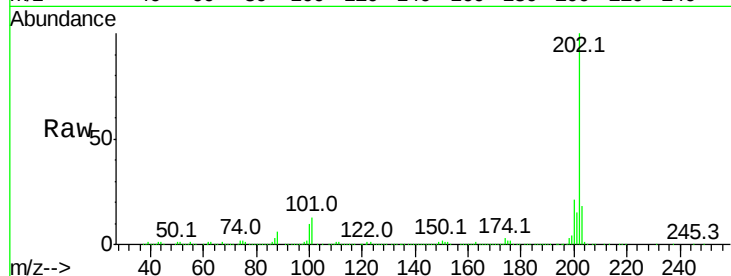
Instrument :

BNA\_F

ClientSampleId :

Tot Ion:202 Resp: 892731

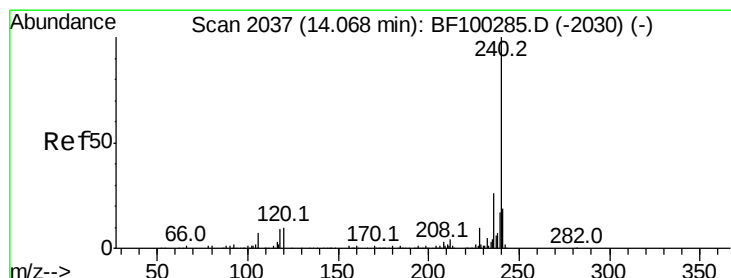
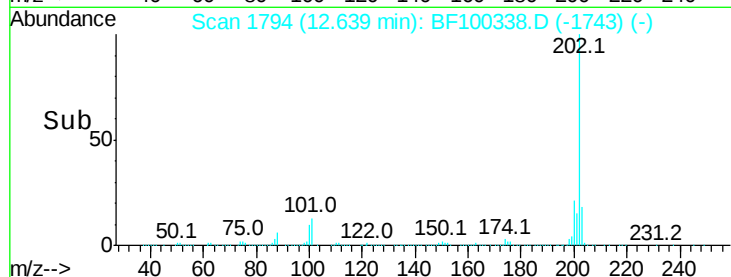
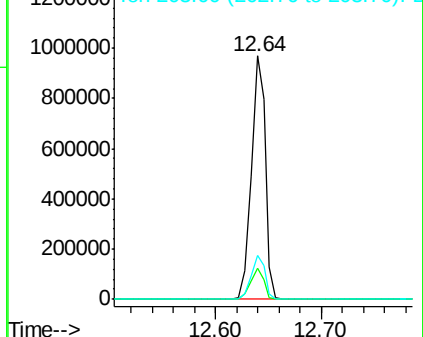
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 202 | 100   |       |       |
| 101 | 12.8  | 0.0   | 34.1  |
| 203 | 17.9  | 0.0   | 38.1  |



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.07 min Scan# 2037

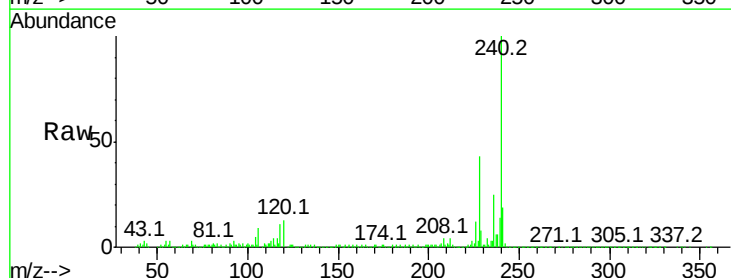
Delta R.T. 0.00 min

Lab File: BF100338.D

Acq: 9 Nov 2017 13:29

Tgt Ion:240 Resp: 362114

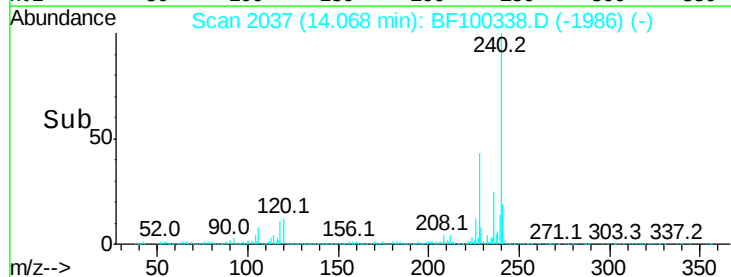
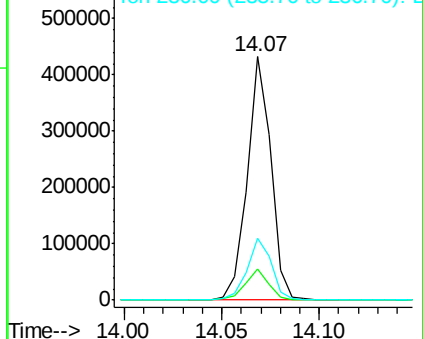
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 240 | 100   |       |       |
| 120 | 12.5  | 9.5   | 14.3  |
| 236 | 25.4  | 20.7  | 31.1  |

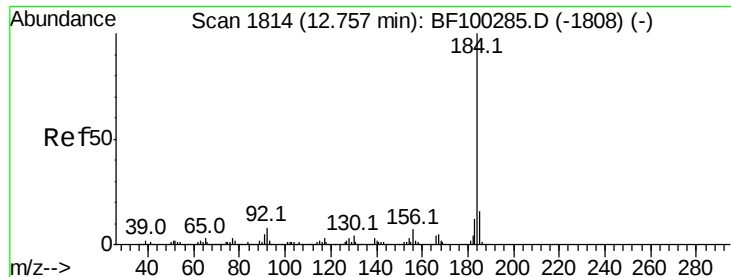


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

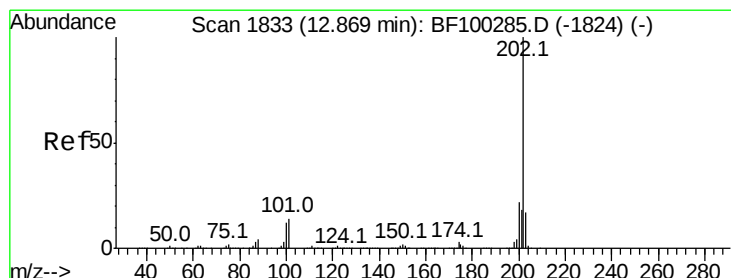
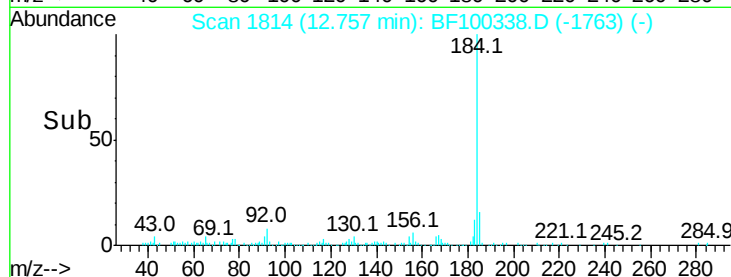
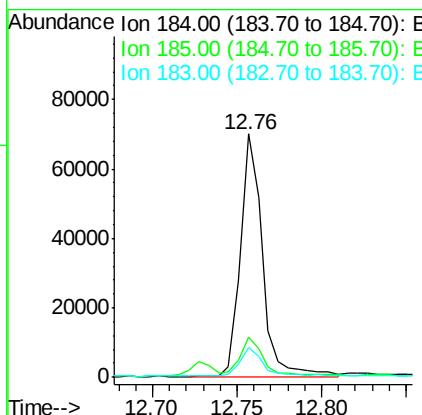
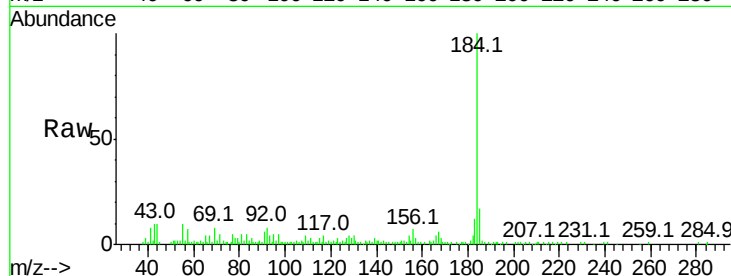




#76  
Benzidine  
Concen: 4.464 ng  
RT: 12.76 min Scan# 1814  
Delta R.T. 0.00 min  
Lab File: BF100338.D  
Acq: 9 Nov 2017 13:29

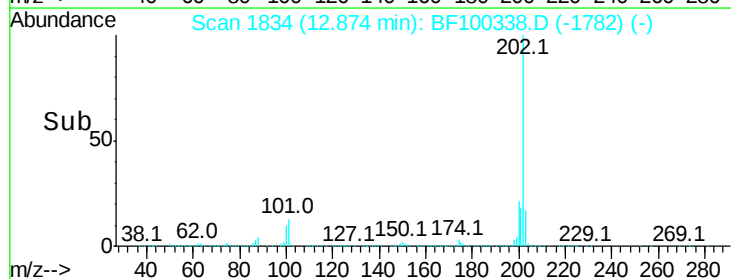
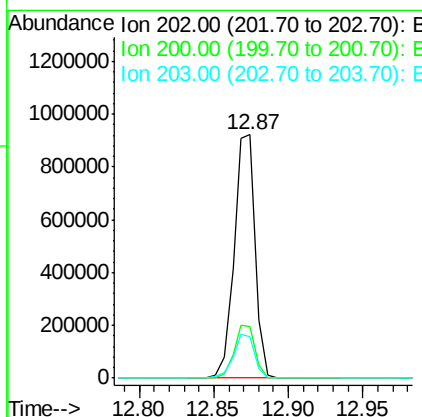
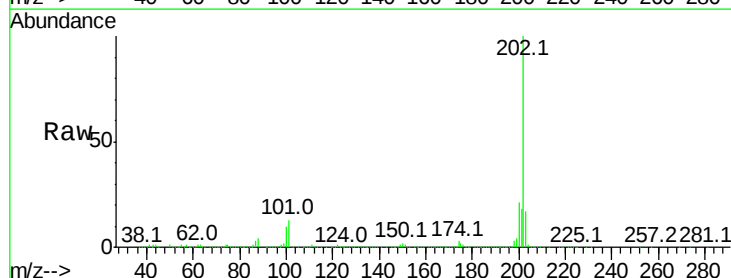
Instrument :  
BNA\_F  
ClientSampleId :

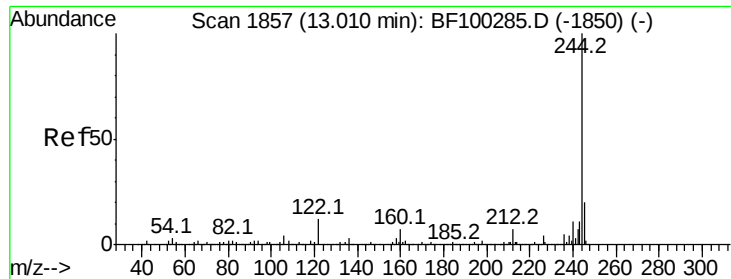
Tot Ion:184 Resp: 64735  
Ion Ratio Lower Upper  
184 100  
185 16.6 12.6 18.8  
183 12.3 9.3 13.9



#77  
Pyrene  
Concen: 35.164 ng  
RT: 12.87 min Scan# 1834  
Delta R.T. 0.01 min  
Lab File: BF100338.D  
Acq: 9 Nov 2017 13:29

Tgt Ion:202 Resp: 907693  
Ion Ratio Lower Upper  
202 100  
200 21.3 17.4 26.2  
203 17.2 14.3 21.5





#78

Terphenyl-d14

Concen: 67.025 ng

RT: 13.01 min Scan# 1857

Delta R.T. 0.00 min

Lab File: BF100338.D

Acq: 9 Nov 2017 13:29

Instrument :

BNA\_F

ClientSampled :

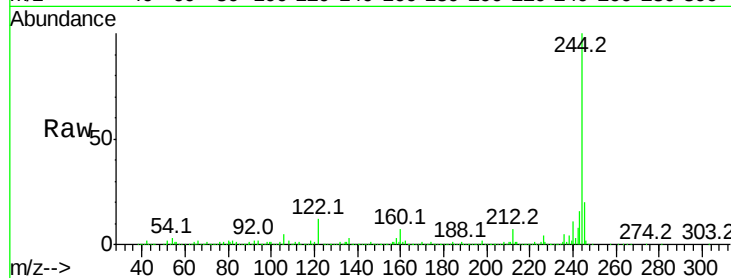
Tot Ion:244 Resp: 1056302

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

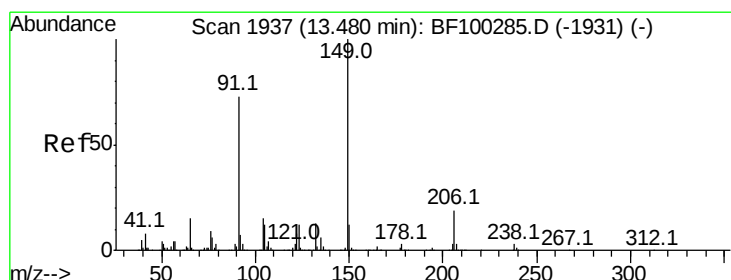
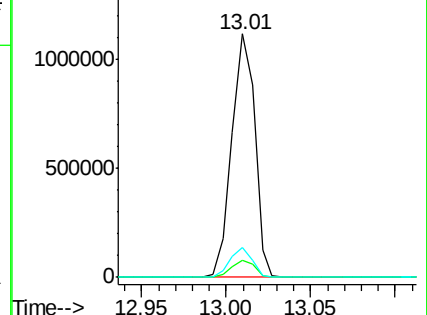
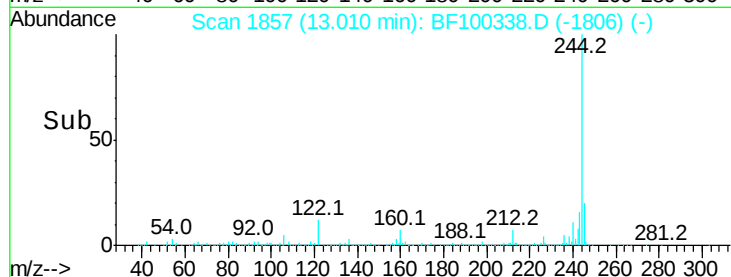
122 12.3 11.0 16.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 40.336 ng

RT: 13.49 min Scan# 1938

Delta R.T. 0.01 min

Lab File: BF100338.D

Acq: 9 Nov 2017 13:29

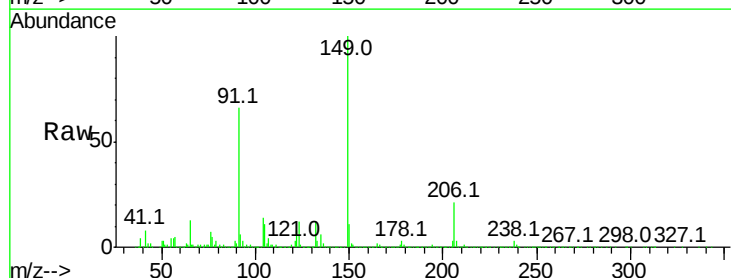
Tgt Ion:149 Resp: 424615

Ion Ratio Lower Upper

149 100

91 66.5 56.8 85.2

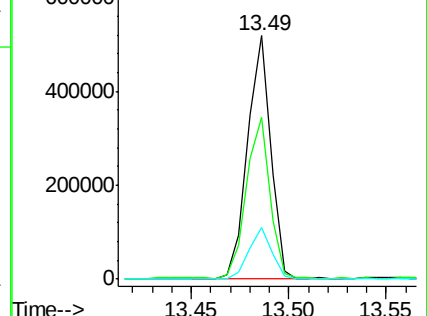
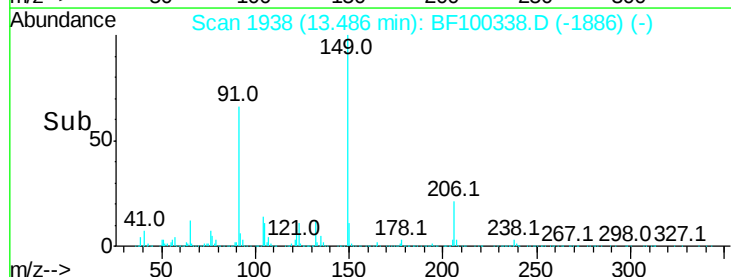
206 21.2 14.1 21.1#

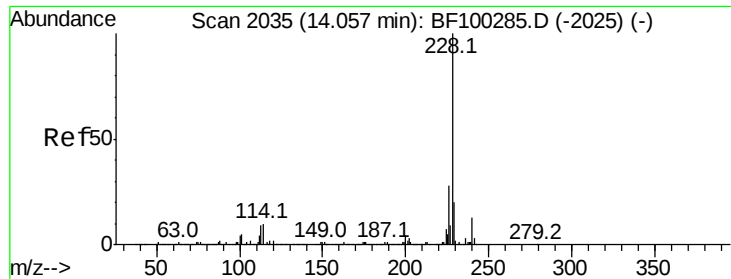


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

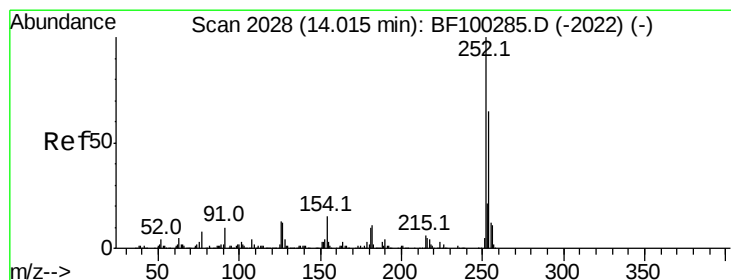
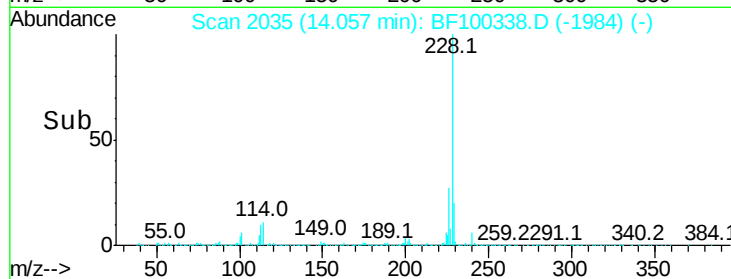
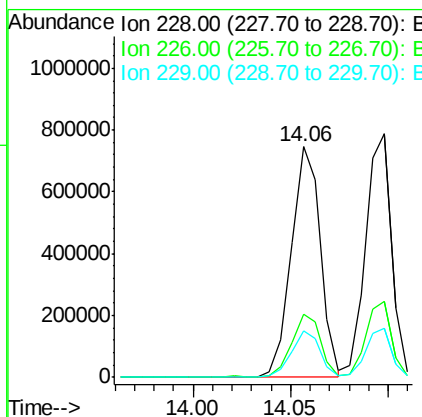
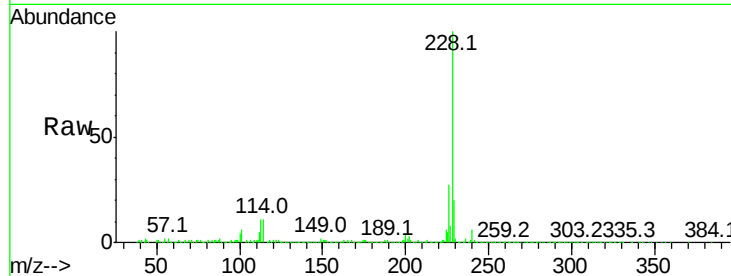




#80  
Benzo(a)anthracene  
Concen: 35.071 ng  
RT: 14.06 min Scan# 2035  
Delta R.T. 0.00 min  
Lab File: BF100338.D  
Acq: 9 Nov 2017 13:29

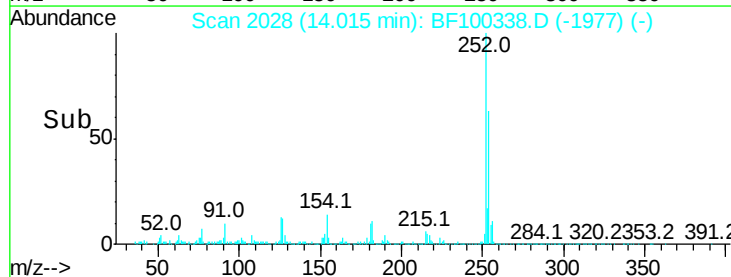
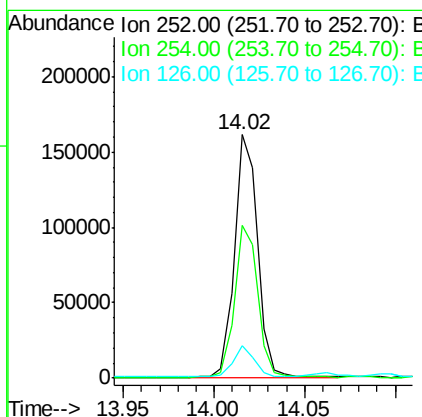
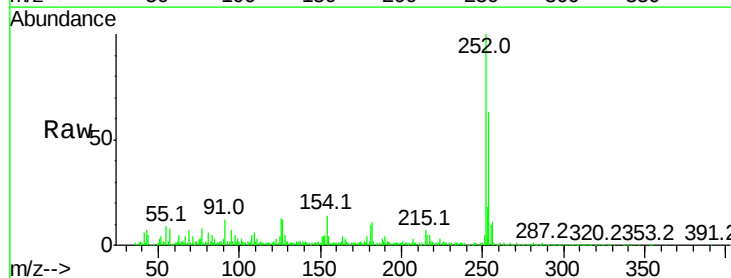
Instrument :  
BNA\_F  
ClientSampleId :

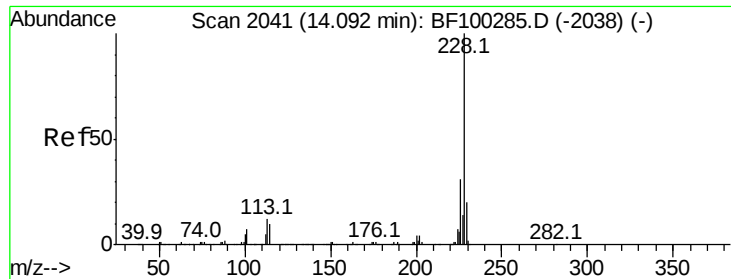
Tot Ion:228 Resp: 764765  
Ion Ratio Lower Upper  
228 100  
226 27.4 22.6 33.8  
229 20.3 15.8 23.6



#81  
3,3'-Dichlorobenzidine  
Concen: 18.300 ng  
RT: 14.02 min Scan# 2028  
Delta R.T. 0.00 min  
Lab File: BF100338.D  
Acq: 9 Nov 2017 13:29

Tgt Ion:252 Resp: 142976  
Ion Ratio Lower Upper  
252 100  
254 63.0 50.4 75.6  
126 13.2 11.3 16.9

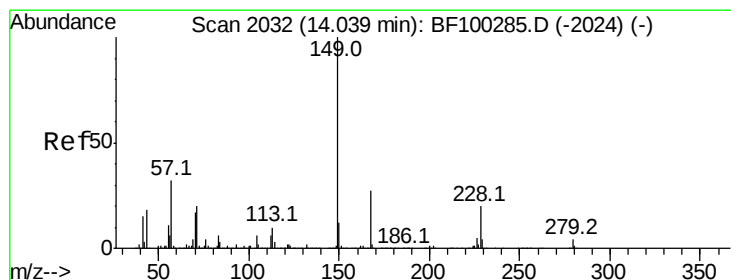
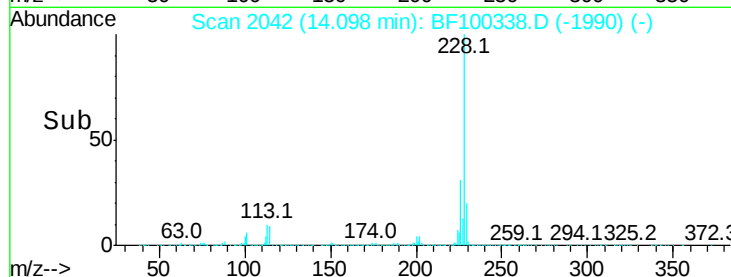
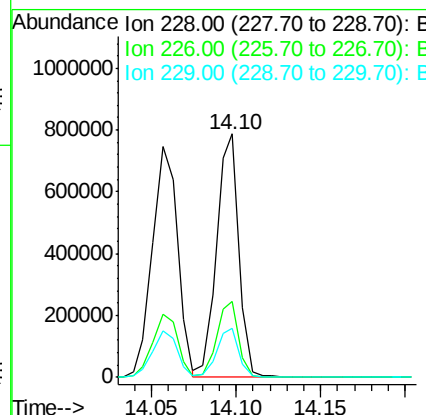
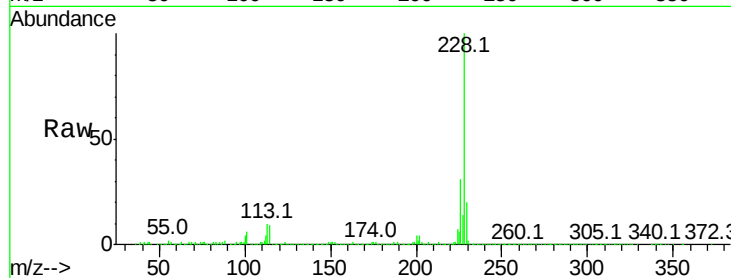




#82  
Chrysene  
Concen: 34.332 ng  
RT: 14.10 min Scan# 2042  
Delta R.T. 0.01 min  
Lab File: BF100338.D  
Acq: 9 Nov 2017 13:29

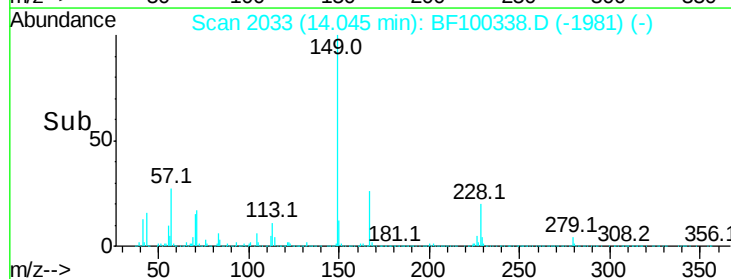
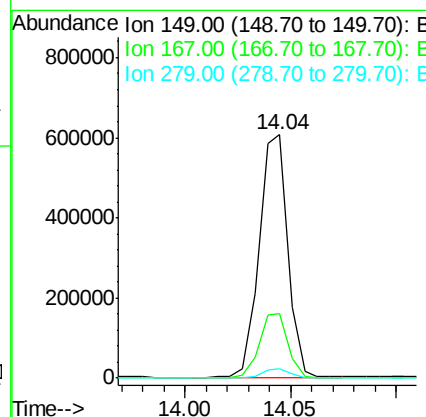
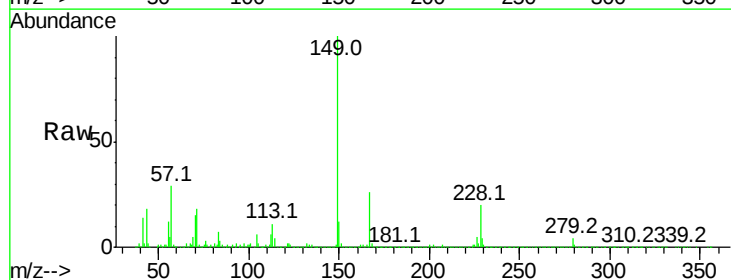
Instrument :  
BNA\_F  
ClientSampleId :

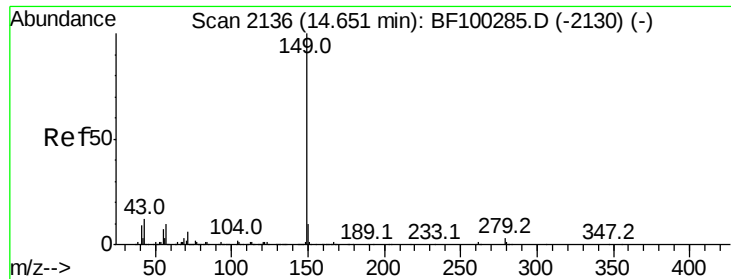
Tot Ion:228 Resp: 724975  
Ion Ratio Lower Upper  
228 100  
226 31.3 25.0 37.6  
229 19.9 16.2 24.4



#83  
Bis(2-ethylhexyl)phthalate  
Concen: 41.125 ng  
RT: 14.04 min Scan# 2033  
Delta R.T. 0.01 min  
Lab File: BF100338.D  
Acq: 9 Nov 2017 13:29

Tgt Ion:149 Resp: 569386  
Ion Ratio Lower Upper  
149 100  
167 26.5 21.3 31.9  
279 3.9 3.0 4.4





#84

Di-n-octyl phthalate

Concen: 40.080 ng

RT: 14.66 min Scan# 2137

Delta R.T. 0.00 min

Lab File: BF100338.D

Acq: 9 Nov 2017 13:29

Instrument :

BNA\_F

ClientSampled :

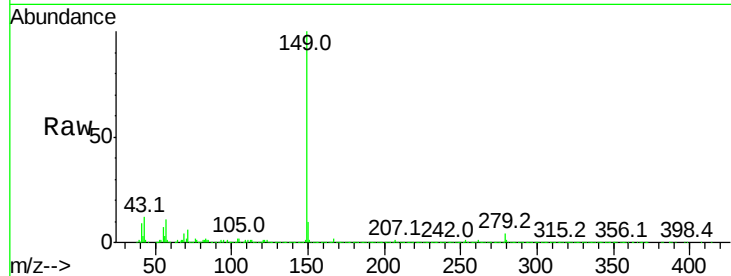
Tot Ion:149 Resp: 953305

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

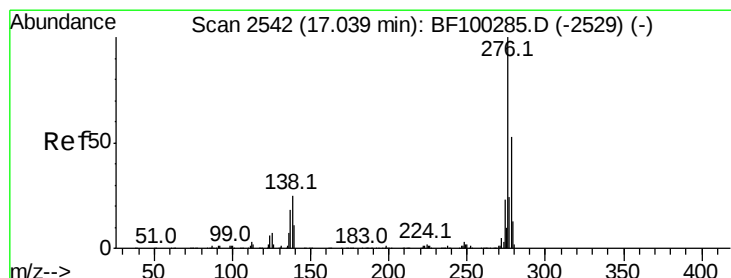
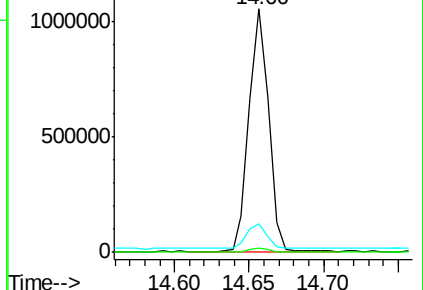
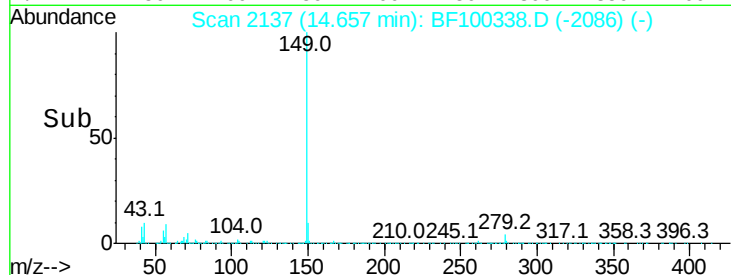
43 11.1 8.4 12.6



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



#85

Indeno(1,2,3-cd)pyrene

Concen: 30.197 ng

RT: 17.05 min Scan# 2544

Delta R.T. 0.01 min

Lab File: BF100338.D

Acq: 9 Nov 2017 13:29

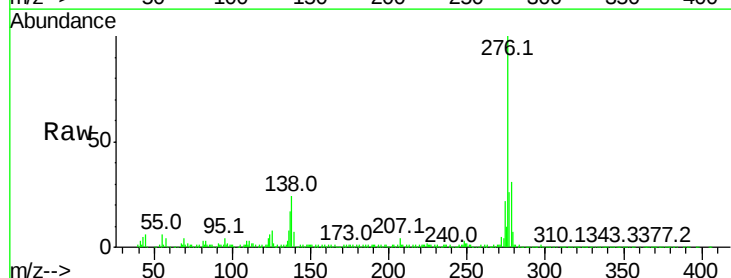
Tgt Ion:276 Resp: 515761

Ion Ratio Lower Upper

276 100

138 27.6 25.0 37.6

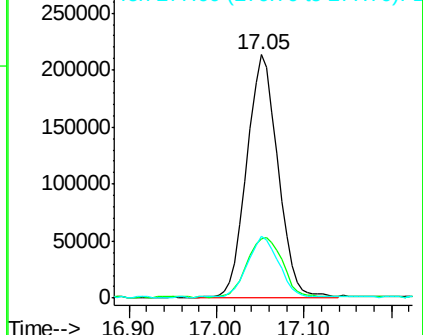
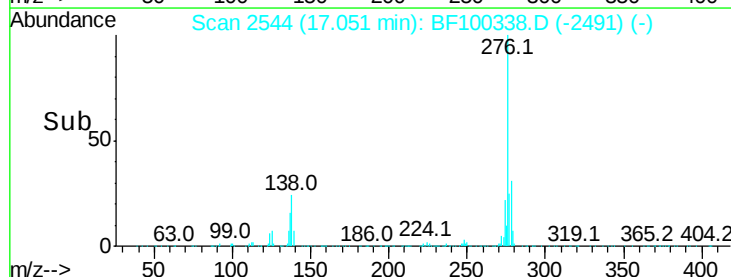
277 25.1 20.1 30.1

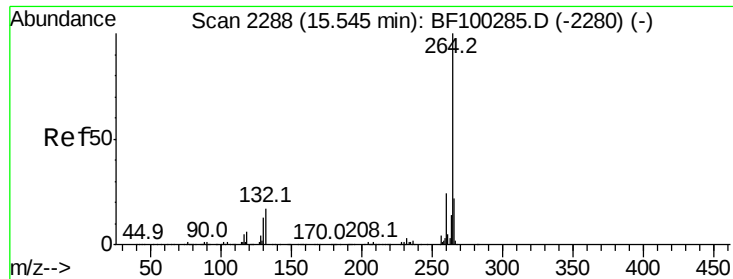


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

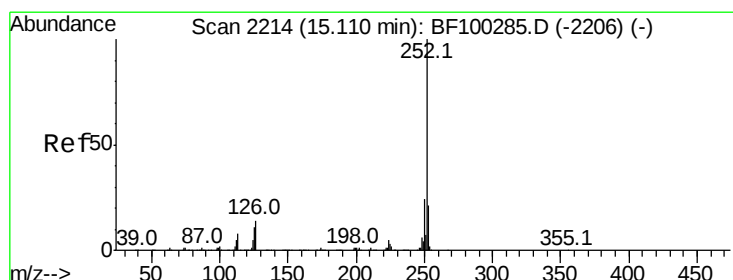
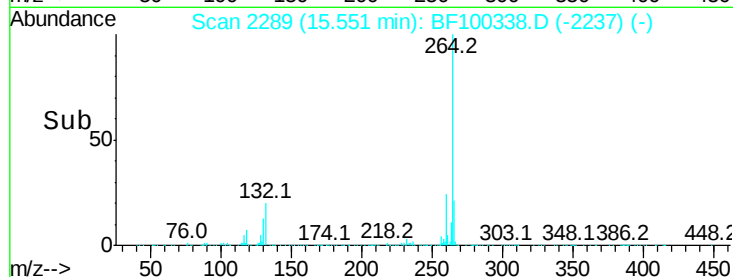
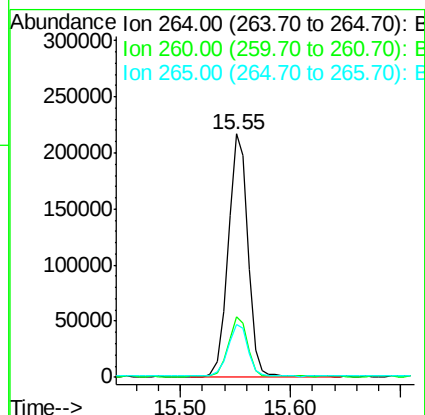
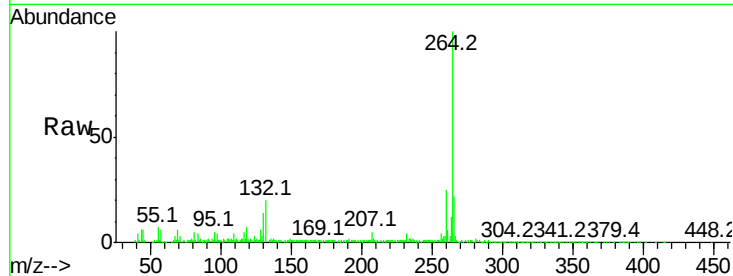




#86  
Pervlène-d12  
Concen: 20.000 ng  
RT: 15.55 min Scan# 2289  
Delta R.T. 0.01 min  
Lab File: BF100338.D  
Acq: 9 Nov 2017 13:29

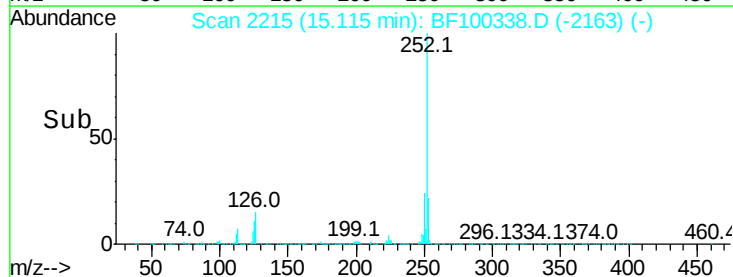
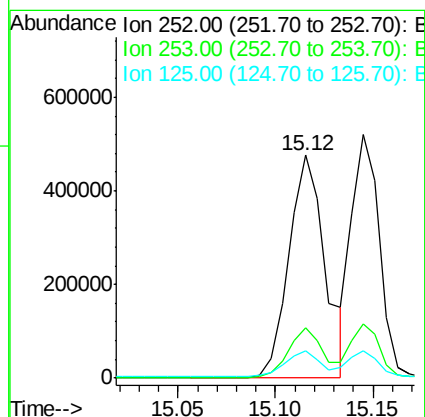
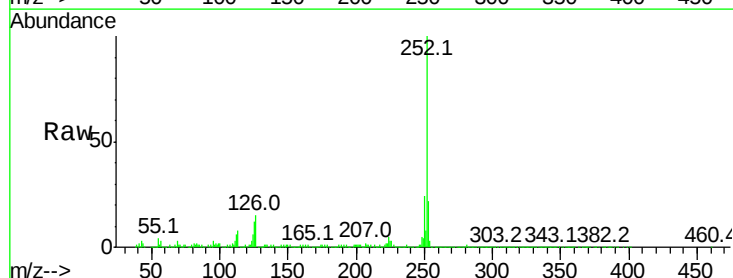
Instrument :  
BNA\_F  
ClientSampleId :

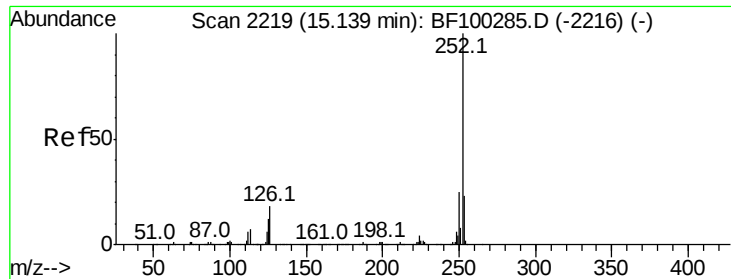
Tot Ion:264 Resp: 269553  
Ion Ratio Lower Upper  
264 100  
260 24.7 19.2 28.8  
265 21.9 17.5 26.3



#87  
Benzo(b)fluoranthene  
Concen: 38.133 ng  
RT: 15.12 min Scan# 2215  
Delta R.T. 0.01 min  
Lab File: BF100338.D  
Acq: 9 Nov 2017 13:29

Tgt Ion:252 Resp: 608961  
Ion Ratio Lower Upper  
252 100  
253 22.4 17.0 25.6  
125 12.0 9.0 13.6





#88

Benzo(k)fluoranthene

Concen: 34.030 ng

RT: 15.14 min Scan# 2220

Delta R.T. 0.00 min

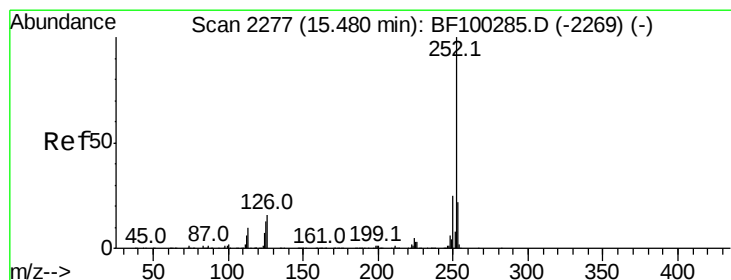
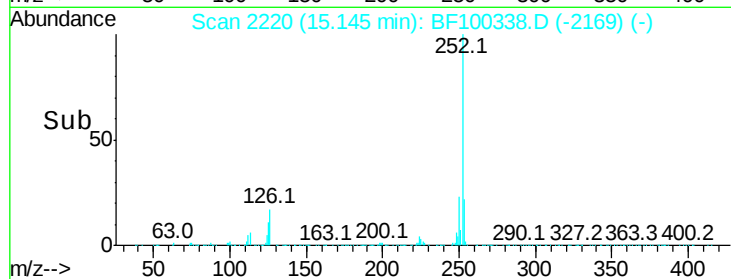
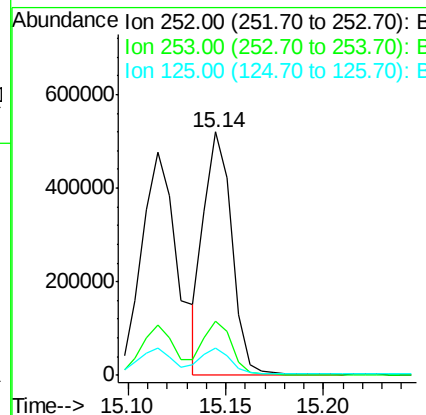
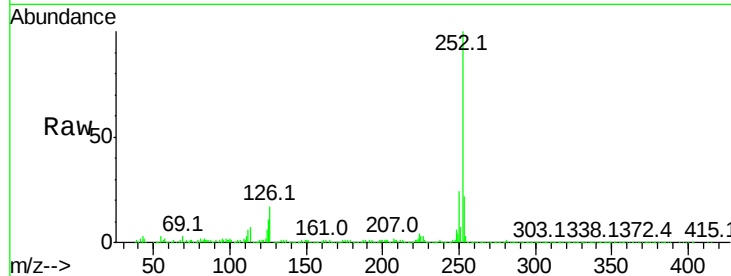
Lab File: BF100338.D

Acq: 9 Nov 2017 13:29

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:252 Resp: 513477

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 22.2  | 17.9  | 26.9  |
| 125 | 11.3  | 10.2  | 15.2  |



#89

Benzo(a)pyrene

Concen: 36.406 ng

RT: 15.49 min Scan# 2279

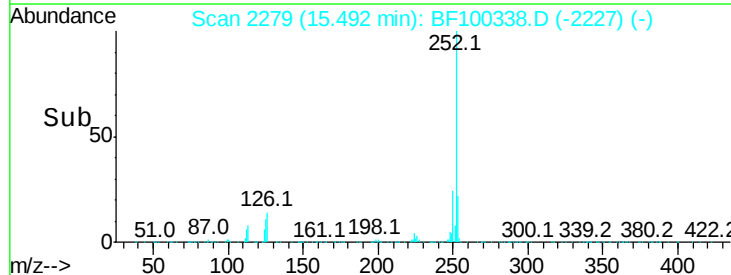
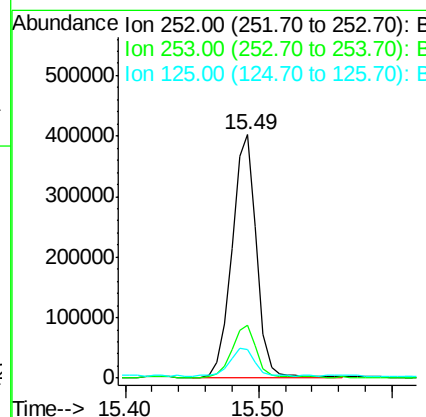
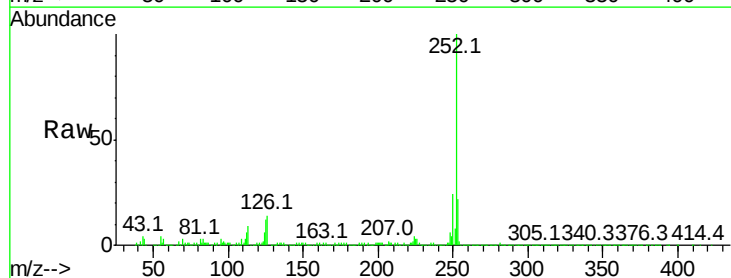
Delta R.T. 0.01 min

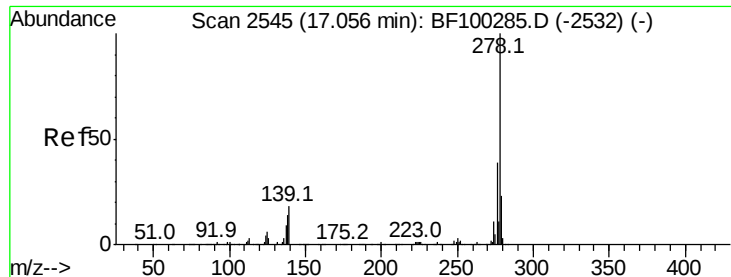
Lab File: BF100338.D

Acq: 9 Nov 2017 13:29

Tgt Ion:252 Resp: 515420

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 21.9  | 17.1  | 25.7  |
| 125 | 11.8  | 9.8   | 14.6  |

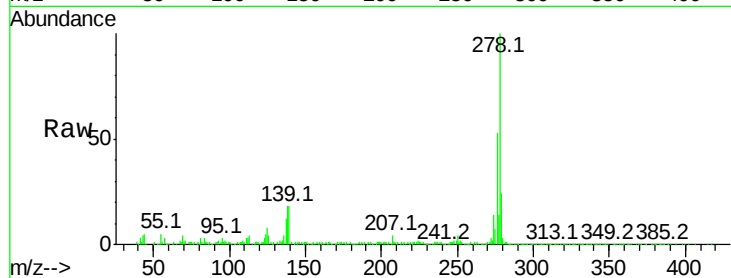




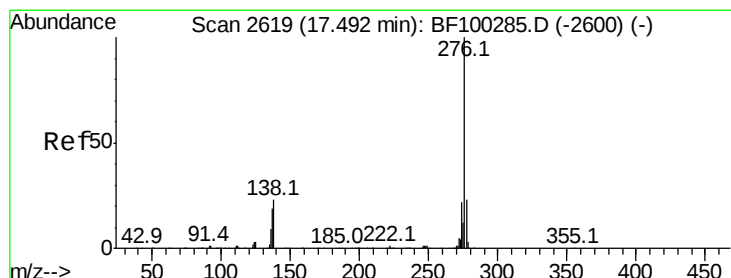
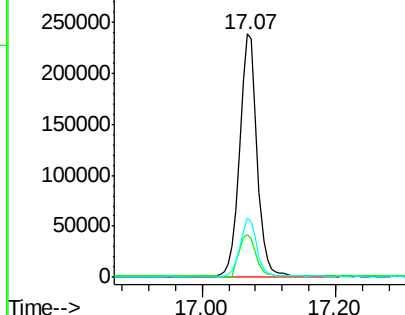
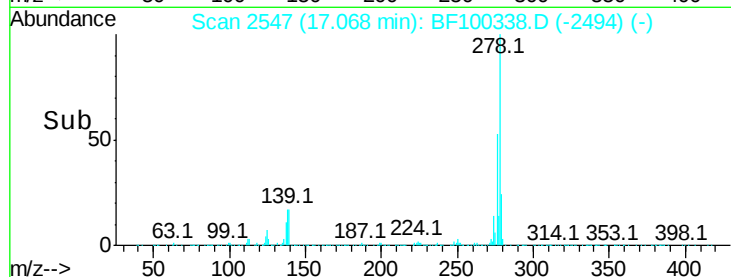
#90  
Dibenzo(a,h)anthracene  
Concen: 37.785 ng  
RT: 17.07 min Scan# 2547  
Delta R.T. 0.01 min  
Lab File: BF100338.D  
Acq: 9 Nov 2017 13:29

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:278 Resp: 437482  
Ion Ratio Lower Upper  
278 100  
139 17.7 15.9 23.9  
279 24.5 19.0 28.4

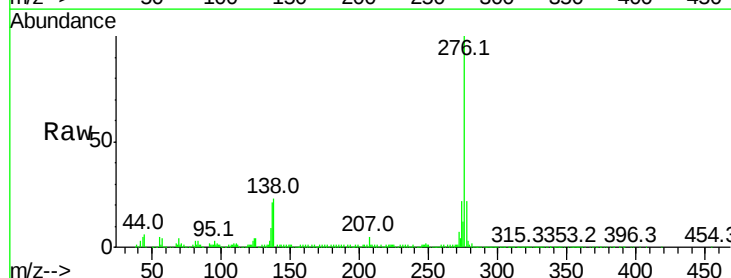


Abundance Ion 278.00 (277.70 to 278.70): E  
Ion 139.00 (138.70 to 139.70): E  
Ion 279.00 (278.70 to 279.70): E



#91  
Benzo(g,h,i)perylene  
Concen: 37.830 ng  
RT: 17.51 min Scan# 2622  
Delta R.T. 0.02 min  
Lab File: BF100338.D  
Acq: 9 Nov 2017 13:29

Tgt Ion:276 Resp: 428753  
Ion Ratio Lower Upper  
276 100  
277 22.4 17.9 26.9  
138 22.6 21.8 32.8



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

