

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF111017\  
 Data File : BF100411.D  
 Acq On : 11 Nov 2017 00:46  
 Operator : SJ/JU  
 Sample : I6332-03MSD  
 Misc :  
 ALS Vial : 29 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :

Quant Time: Nov 13 07:14:33 2017  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Nov 10 15:44:40 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.90  | 152  | 176077   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.19  | 136  | 681806   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 9.95  | 164  | 275816   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 11.43 | 188  | 426277   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 14.07 | 240  | 330092   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 15.55 | 264  | 270720   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |        |    |      |
|--------------------------|-------|-----|---------|--------|----|------|
| 5) 2-Fluorophenol        | 5.52  | 112 | 558065  | 50.81  | ng | 0.00 |
| 7) Phenol-d6             | 6.53  | 99  | 524447  | 38.72  | ng | 0.00 |
| 23) Nitrobenzene-d5      | 7.47  | 82  | 999592  | 96.93  | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 10.73 | 330 | 295606  | 105.18 | ng | 0.00 |
| 44) 2-Fluorobiphenyl     | 9.26  | 172 | 1630978 | 90.04  | ng | 0.00 |
| 78) Terphenyl-d14        | 13.01 | 244 | 1175000 | 81.79  | ng | 0.00 |

## Target Compounds

|                                |      |     |         |        |    | Qvalue |
|--------------------------------|------|-----|---------|--------|----|--------|
| 2) 1,4-Dioxane                 | 2.75 | 88  | 89856   | 16.786 | ng | 96     |
| 3) Pyridine                    | 3.54 | 79  | 131438  | 9.000  | ng | 94     |
| 4) n-Nitrosodimethylamine      | 3.46 | 42  | 118594  | 16.725 | ng | 98     |
| 6) Aniline                     | 6.57 | 93  | 299365  | 15.644 | ng | 100    |
| 8) 2-Chlorophenol              | 6.69 | 128 | 437427  | 37.643 | ng | 99     |
| 9) Benzaldehyde                | 6.46 | 77  | 242917  | 25.112 | ng | # 32   |
| 10) Phenol                     | 6.54 | 94  | 232912  | 16.380 | ng | 99     |
| 11) bis(2-Chloroethyl)ether    | 6.64 | 93  | 525410  | 43.991 | ng | 94     |
| 12) 1,3-Dichlorobenzene        | 6.85 | 146 | 588626  | 43.936 | ng | 99     |
| 13) 1,4-Dichlorobenzene        | 6.92 | 146 | 589582  | 43.480 | ng | 99     |
| 14) 1,2-Dichlorobenzene        | 7.08 | 146 | 542375  | 43.261 | ng | 96     |
| 15) Benzyl Alcohol             | 7.05 | 79  | 288277  | 27.270 | ng | 98     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.18 | 45  | 972072  | 50.887 | ng | 99     |
| 17) 2-Methylphenol             | 7.16 | 107 | 314131  | 31.634 | ng | 99     |
| 18) Hexachloroethane           | 7.42 | 117 | 186211  | 41.650 | ng | 98     |
| 19) n-Nitroso-di-n-propylamine | 7.32 | 70  | 378269  | 40.269 | ng | 92     |
| 20) 3+4-Methylphenols          | 7.30 | 107 | 322669  | 25.678 | ng | # 79   |
| 22) Acetophenone               | 7.32 | 105 | 890033  | 53.534 | ng | 98     |
| 24) Nitrobenzene               | 7.49 | 77  | 567168  | 53.434 | ng | 99     |
| 25) Isophorone                 | 7.73 | 82  | 1053011 | 48.590 | ng | 99     |
| 26) 2-Nitrophenol              | 7.80 | 139 | 241054  | 48.388 | ng | 96     |
| 27) 2,4-Dimethylphenol         | 7.84 | 122 | 509233  | 52.418 | ng | 98     |
| 28) bis(2-Chloroethoxy)methane | 7.93 | 93  | 702086  | 49.528 | ng | 98     |
| 29) 2,4-Dichlorophenol         | 8.05 | 162 | 401417  | 43.283 | ng | 97     |
| 30) 1,2,4-Trichlorobenzene     | 8.13 | 180 | 454117  | 45.267 | ng | 97     |
| 31) Naphthalene                | 8.21 | 128 | 1432164 | 43.611 | ng | 99     |
| 32) Benzoic acid               | 7.93 | 122 | 71027   | 17.054 | ng | # 82   |
| 33) 4-Chloroaniline            | 8.26 | 127 | 269947  | 19.748 | ng | 98     |
| 34) Hexachlorobutadiene        | 8.32 | 225 | 258888  | 43.403 | ng | 98     |
| 36) 4-Chloro-3-methylphenol    | 8.73 | 107 | 388471  | 39.001 | ng | 100    |
| 37) 2-Methylnaphthalene        | 8.90 | 142 | 927622  | 42.547 | ng | 98     |
| 39) 1,2,4,5-Tetrachlorobenzene | 9.06 | 216 | 426664  | 46.643 | ng | 97     |
| 40) Hexachlorocyclopentadiene  | 9.05 | 237 | 66704   | 15.494 | ng | 99     |
| 42) 2,4,6-Trichlorophenol      | 9.17 | 196 | 279886  | 48.277 | ng | 98     |

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF111017\  
 Data File : BF100411.D  
 Acq On : 11 Nov 2017 00:46  
 Operator : SJ/JU  
 Sample : I6332-03MSD  
 Misc :  
 ALS Vial : 29 Sample Multiplier: 1

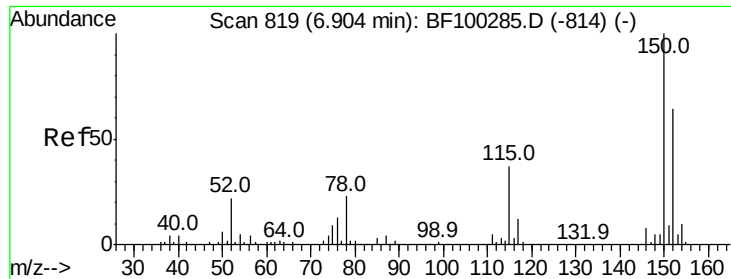
Instrument :  
 BNA\_F  
 ClientSampleId :

Quant Time: Nov 13 07:14:33 2017  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Nov 10 15:44:40 2017  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 43) 2,4,5-Trichlorophenol      | 9.22  | 196  | 284177   | 47.310 | nq    | 93       |
| 45) 1,1'-Biphenyl              | 9.36  | 154  | 1083379  | 45.415 | nq    | 100      |
| 46) 2-Chloronaphthalene        | 9.39  | 162  | 833482   | 48.161 | nq    | 97       |
| 47) 2-Nitroaniline             | 9.49  | 65   | 281480   | 54.636 | nq    | 96       |
| 48) Acenaphthylene             | 9.81  | 152  | 1233756  | 43.018 | nq    | 99       |
| 49) Dimethylphthalate          | 9.66  | 163  | 1054741  | 50.085 | nq    | 99       |
| 50) 2,6-Dinitrotoluene         | 9.73  | 165  | 213017   | 51.102 | nq    | 94       |
| 51) Acenaphthene               | 9.98  | 154  | 734724   | 42.122 | nq    | 100      |
| 52) 3-Nitroaniline             | 9.89  | 138  | 170494   | 34.637 | nq    | 98       |
| 53) 2,4-Dinitrophenol          | 9.99  | 184  | 22365    | 23.137 | nq    | # 32     |
| 54) Dibenzofuran               | 10.15 | 168  | 1079063  | 44.139 | nq    | 98       |
| 55) 4-Nitrophenol              | 10.05 | 139  | 113047   | 28.284 | nq    | 96       |
| 56) 2,4-Dinitrotoluene         | 10.13 | 165  | 256611   | 48.797 | nq    | # 94     |
| 57) Fluorene                   | 10.49 | 166  | 754973   | 42.156 | nq    | 98       |
| 58) 2,3,4,6-Tetrachlorophenol  | 10.26 | 232  | 215928   | 43.862 | nq    | # 86     |
| 59) Diethylphthalate           | 10.36 | 149  | 977025   | 46.361 | nq    | 97       |
| 60) 4-Chlorophenyl-phenylether | 10.48 | 204  | 400736   | 45.613 | nq    | 94       |
| 61) 4-Nitroaniline             | 10.51 | 138  | 191535   | 41.036 | nq    | 91       |
| 62) Azobenzene                 | 10.65 | 77   | 868494   | 43.756 | nq    | 94       |
| 64) 4,6-Dinitro-2-methylphenol | 10.53 | 198  | 19289    | 15.932 | nq    | 80       |
| 65) n-Nitrosodiphenylamine     | 10.60 | 169  | 765118   | 51.620 | nq    | 96       |
| 66) 4-Bromophenyl-phenylether  | 10.97 | 248  | 248283   | 54.333 | nq    | # 83     |
| 67) Hexachlorobenzene          | 11.04 | 284  | 242581   | 50.757 | nq    | # 85     |
| 68) Atrazine                   | 11.13 | 200  | 235347   | 52.454 | nq    | 97       |
| 69) Pentachlorophenol          | 11.23 | 266  | 246011   | 71.786 | nq    | 97       |
| 70) Phenanthrene               | 11.46 | 178  | 1047578  | 46.675 | nq    | 99       |
| 71) Anthracene                 | 11.50 | 178  | 1073002  | 47.122 | nq    | 100      |
| 72) Carbazole                  | 11.66 | 167  | 951700   | 45.296 | nq    | 99       |
| 73) Di-n-butylphthalate        | 11.99 | 149  | 1320126  | 53.691 | nq    | 99       |
| 74) Fluoranthene               | 12.64 | 202  | 1055995  | 44.395 | nq    | 96       |
| 76) Benzidine                  | 12.76 | 184  | 262386   | 19.848 | nq    | 98       |
| 77) Pyrene                     | 12.87 | 202  | 1082840  | 46.019 | nq    | 100      |
| 79) Butylbenzylphthalate       | 13.49 | 149  | 498990   | 52.000 | nq    | 93       |
| 80) Benzo(a)anthracene         | 14.06 | 228  | 959420   | 48.265 | nq    | 100      |
| 81) 3,3'-Dichlorobenzidine     | 14.02 | 252  | 321290   | 45.112 | nq    | # 98     |
| 82) Chrysene                   | 14.10 | 228  | 914789   | 47.524 | nq    | 99       |
| 83) Bis(2-ethylhexyl)phthalate | 14.04 | 149  | 685473   | 54.312 | nq    | 99       |
| 84) Di-n-octyl phthalate       | 14.65 | 149  | 1182817  | 54.553 | nq    | 99       |
| 85) Indeno(1,2,3-cd)pyrene     | 17.04 | 276  | 689522   | 44.286 | nq    | 96       |
| 87) Benzo(b)fluoranthene       | 15.12 | 252  | 787039   | 49.071 | nq    | 98       |
| 88) Benzo(k)fluoranthene       | 15.14 | 252  | 770643   | 50.853 | nq    | 99       |
| 89) Benzo(a)pyrene             | 15.49 | 252  | 699834   | 49.219 | nq    | 98       |
| 90) Dibenzo(a,h)anthracene     | 17.07 | 278  | 574431   | 49.399 | nq    | 98       |
| 91) Benzo(g,h,i)perylene       | 17.50 | 276  | 577171   | 50.705 | nq    | 96       |

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



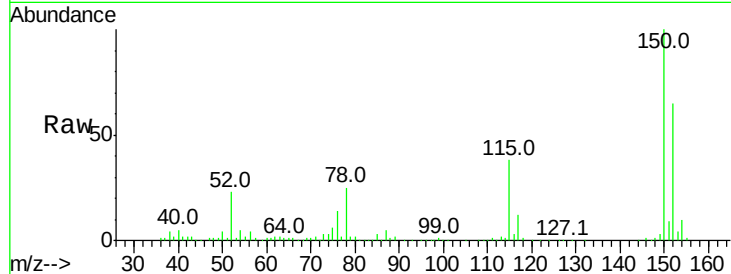


#1

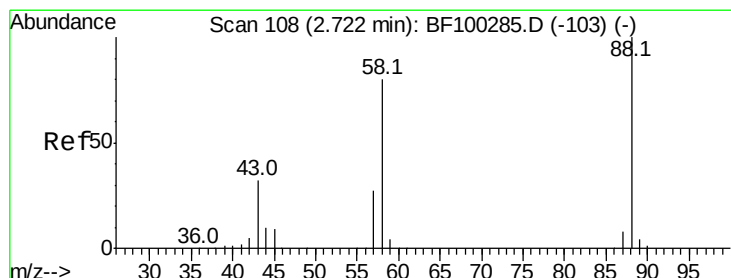
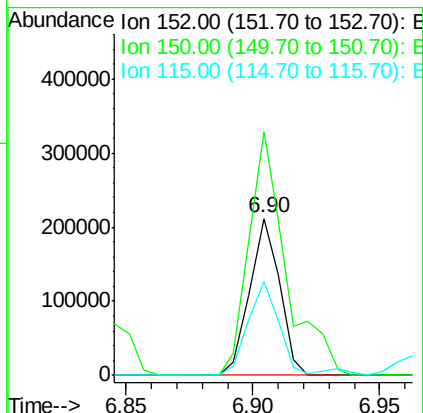
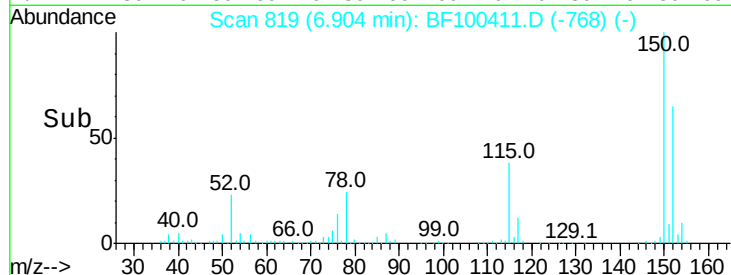
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.90 min Scan# 819  
Delta R.T. -0.00 min  
Lab File: BF100411.D  
Acq: 11 Nov 2017 00:46

Instrument :  
BNA\_F  
ClientSampled :

Tot Ion:152 Resp: 176077  
Ion Ratio Lower Upper  
152 100  
150 155.0 124.6 186.8  
115 59.4 50.1 75.1



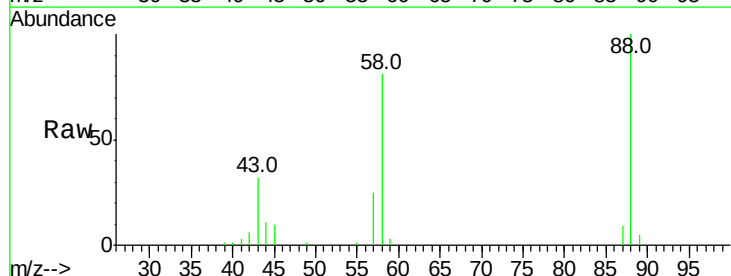
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



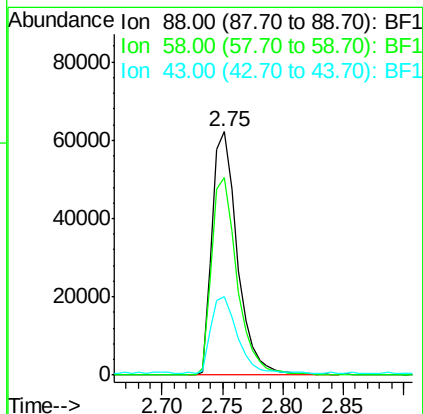
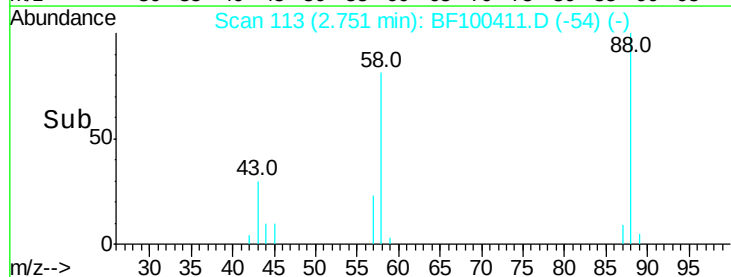
#2

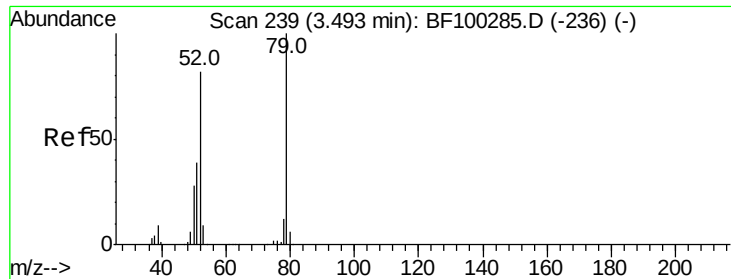
1,4-Dioxane  
Concen: 16.786 ng  
RT: 2.75 min Scan# 113  
Delta R.T. 0.05 min  
Lab File: BF100411.D  
Acq: 11 Nov 2017 00:46

Tgt Ion: 88 Resp: 89856  
Ion Ratio Lower Upper  
88 100  
58 82.2 62.6 93.8  
43 32.7 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

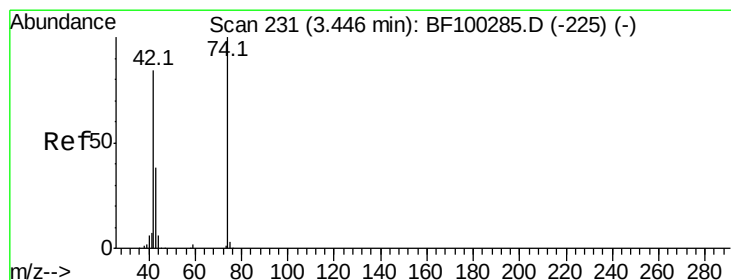
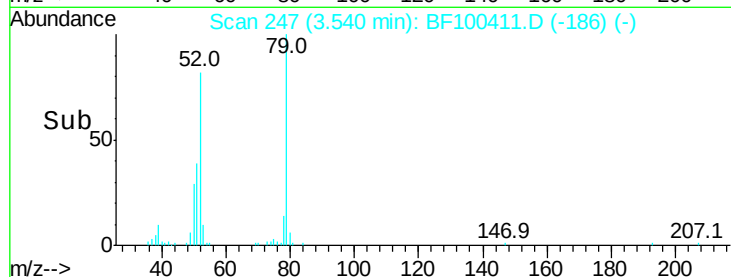
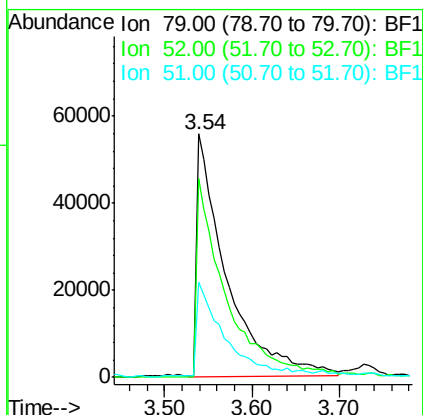
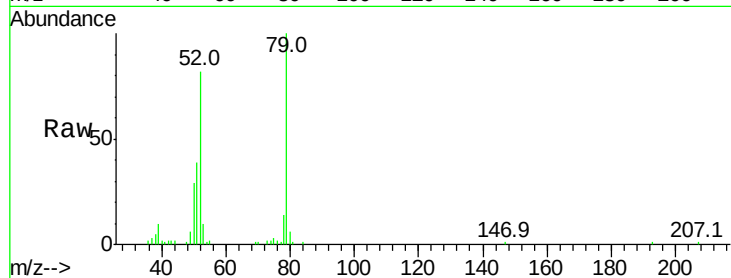




#3  
 Pvridine  
 Concen: 9.000 ng  
 RT: 3.54 min Scan# 247  
 Delta R.T. 0.06 min  
 Lab File: BF100411.D  
 Acq: 11 Nov 2017 00:46

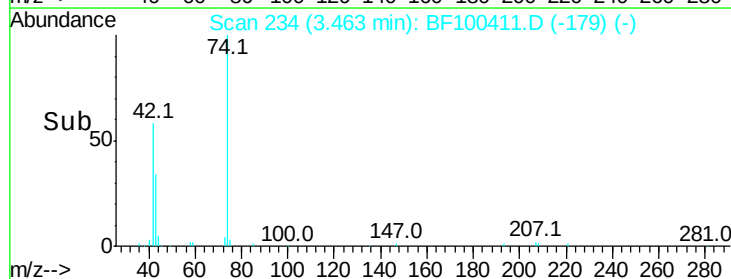
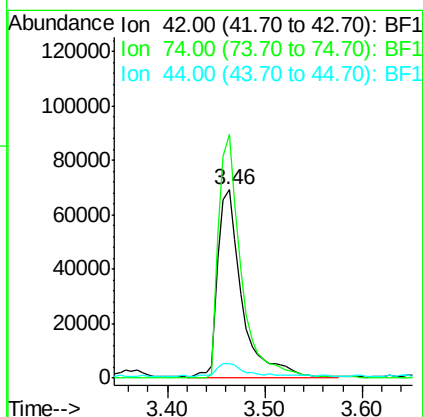
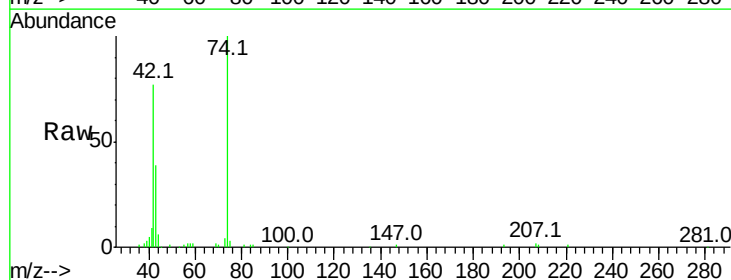
Instrument :  
 BNA\_F  
 ClientSampleId :

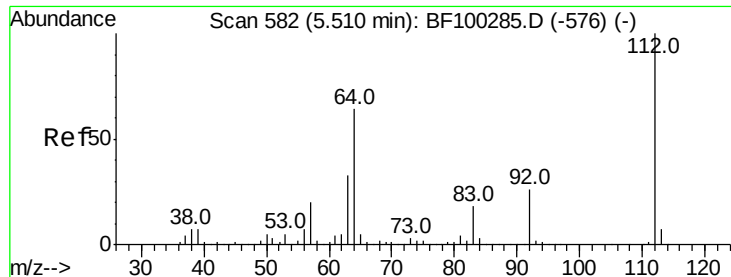
Tot Ion: 79 Resp: 131438  
 Ion Ratio Lower Upper  
 79 100  
 52 81.5 59.8 89.6  
 51 39.0 29.8 44.8



#4  
 n-Nitrosodimethylamine  
 Concen: 16.725 ng  
 RT: 3.46 min Scan# 234  
 Delta R.T. 0.02 min  
 Lab File: BF100411.D  
 Acq: 11 Nov 2017 00:46

Tgt Ion: 42 Resp: 118594  
 Ion Ratio Lower Upper  
 42 100  
 74 129.4 104.9 157.3  
 44 7.4 6.9 10.3





#5

2-Fluorophenol

Concen: 50.806 ng

RT: 5.52 min Scan# 584

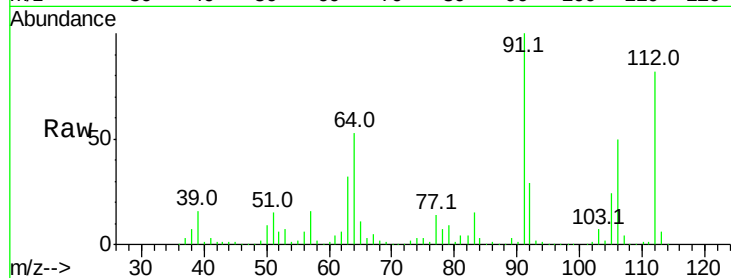
Delta R.T. 0.01 min

Lab File: BF100411.D

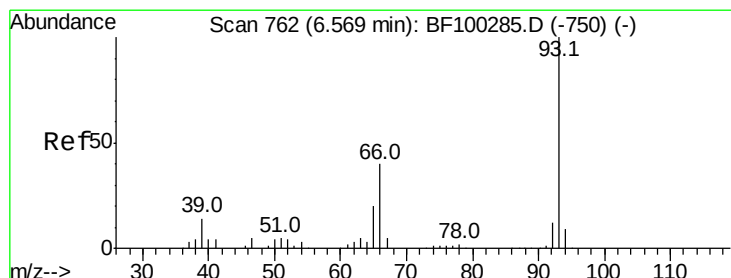
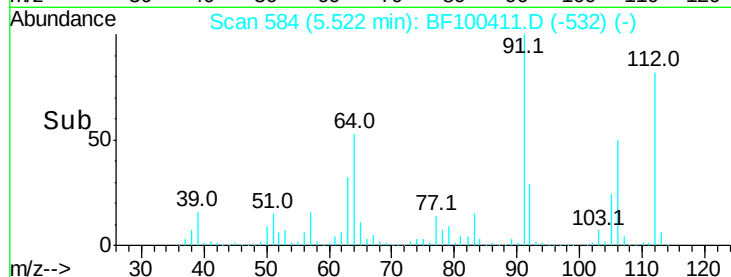
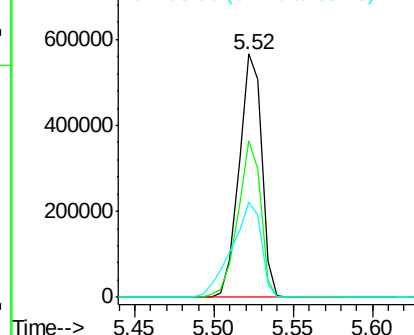
Acq: 11 Nov 2017 00:46

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:112 Resp: 558065  
Ion Ratio Lower Upper  
112 100  
64 64.3 47.9 71.9  
63 39.1 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: 15.644 ng

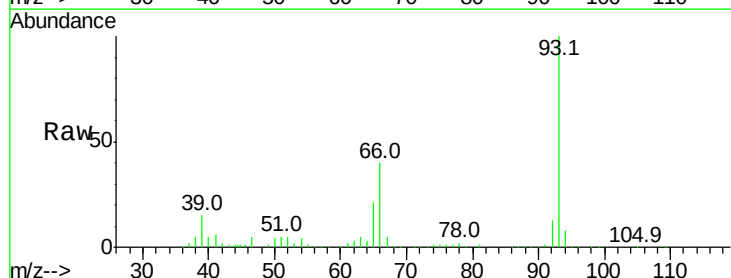
RT: 6.57 min Scan# 762

Delta R.T. -0.00 min

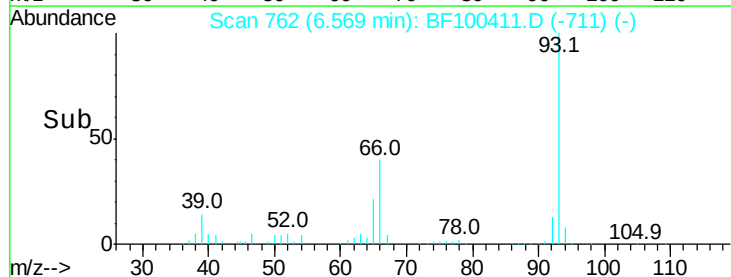
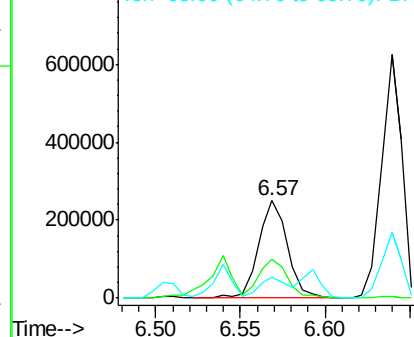
Lab File: BF100411.D

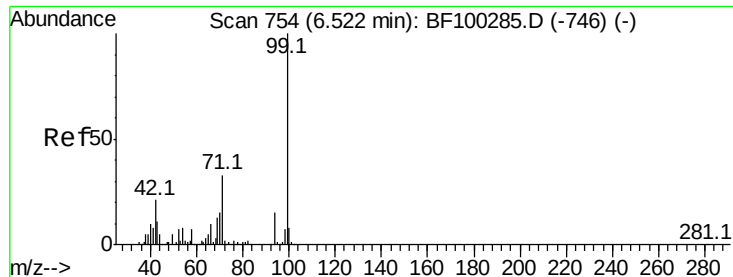
Acq: 11 Nov 2017 00:46

Tgt Ion: 93 Resp: 299365  
Ion Ratio Lower Upper  
93 100  
66 40.1 32.2 48.2  
65 20.9 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: 38.719 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.00 min

Lab File: BF100411.D

Acq: 11 Nov 2017 00:46

Instrument :

BNA\_F

ClientSampleId :

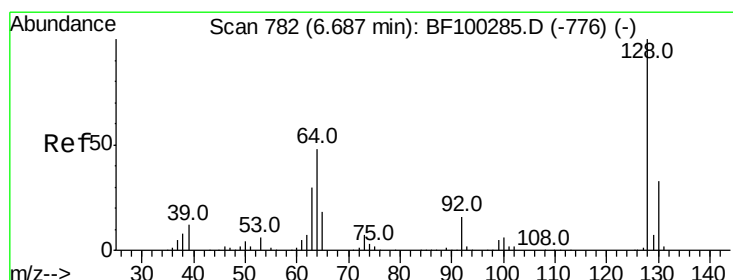
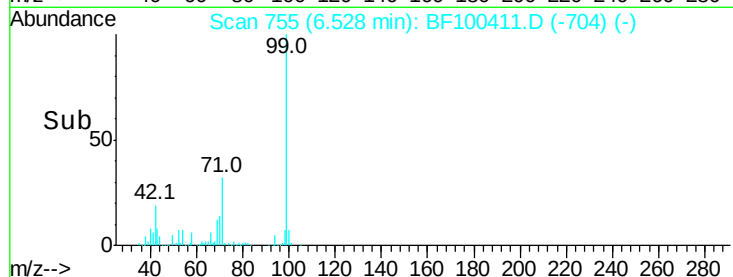
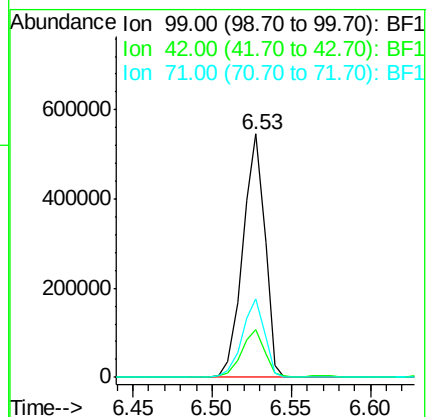
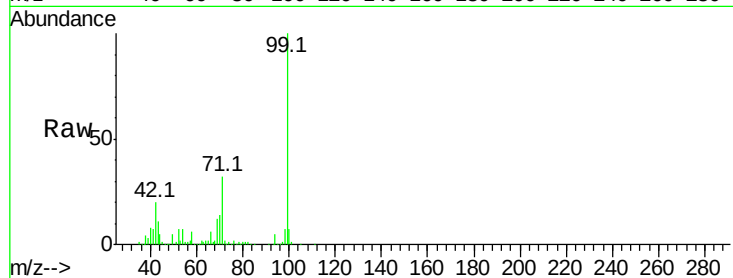
Tot Ion: 99 Resp: 524447

Ion Ratio Lower Upper

99 100

42 19.7 14.5 21.7

71 32.0 25.4 38.0



#8

2-Chlorophenol

Concen: 37.643 ng

RT: 6.69 min Scan# 783

Delta R.T. 0.01 min

Lab File: BF100411.D

Acq: 11 Nov 2017 00:46

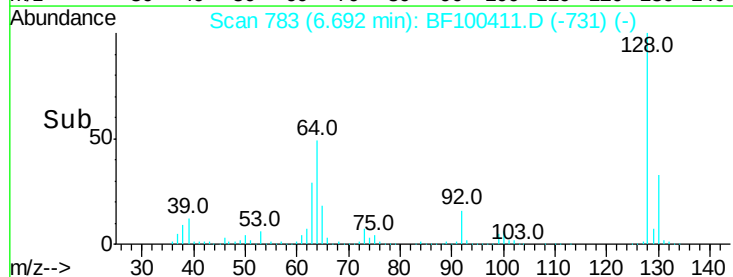
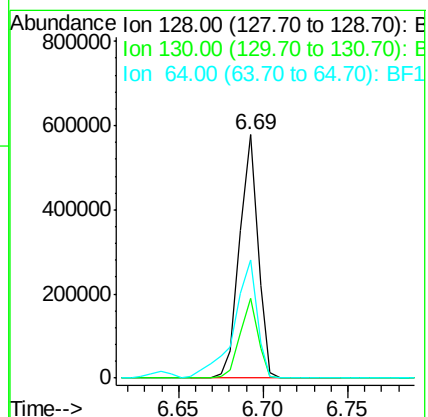
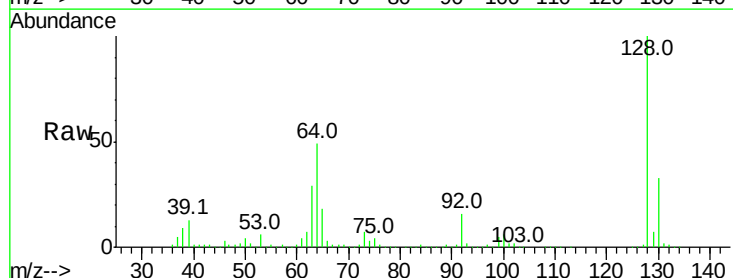
Tgt Ion: 128 Resp: 437427

Ion Ratio Lower Upper

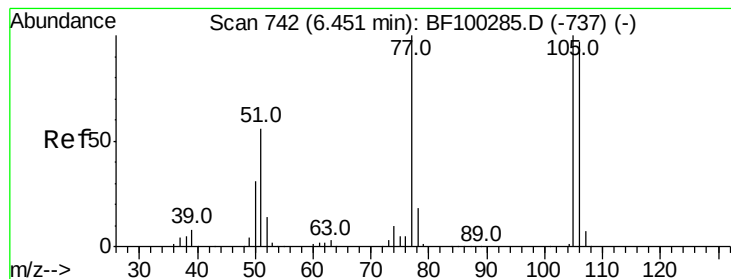
128 100

130 32.9 13.0 53.0

64 48.7 29.4 69.4







#9

Benzaldehyde

Concen: 25.112 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.00 min

Lab File: BF100411.D

Acq: 11 Nov 2017 00:46

Instrument :

BNA\_F

ClientSampleId :

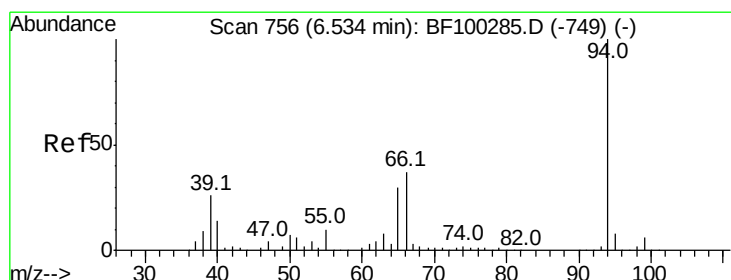
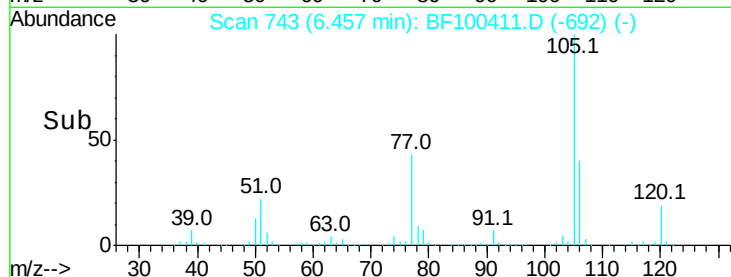
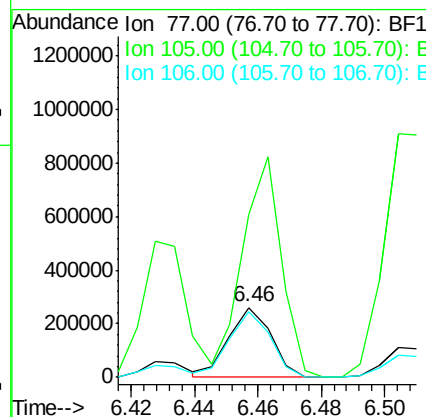
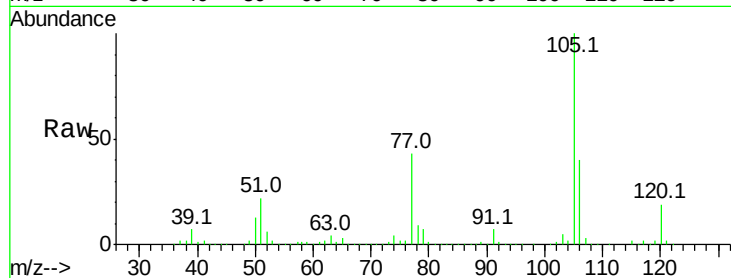
Tot Ion: 77 Resp: 242917

Ion Ratio Lower Upper

77 100

105 232.6 81.1 121.1#

106 94.1 74.5 114.5



#10

Phenol

Concen: 16.380 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.00 min

Lab File: BF100411.D

Acq: 11 Nov 2017 00:46

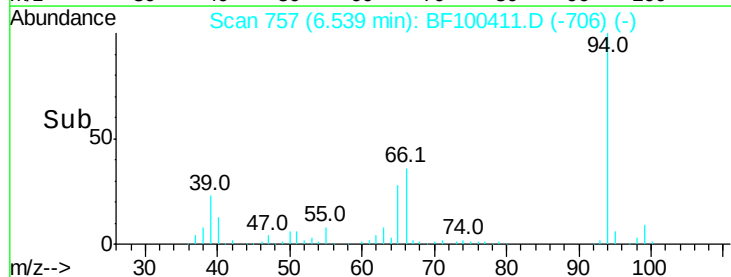
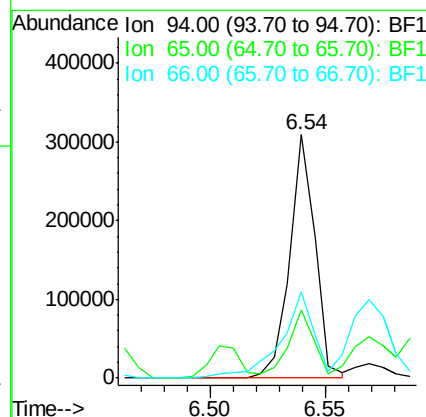
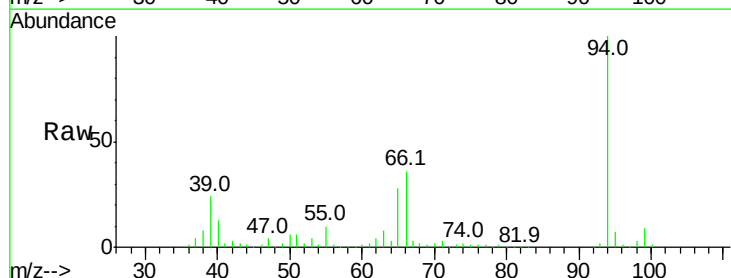
Tgt Ion: 94 Resp: 232912

Ion Ratio Lower Upper

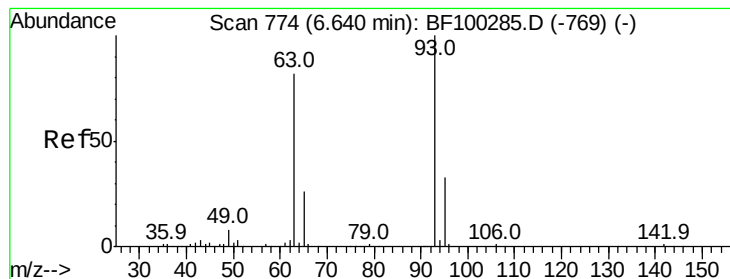
94 100

65 28.0 7.9 47.9

66 35.7 16.2 56.2







#11

bis(2-Chloroethyl)ether

Concen: 43.991 ng

RT: 6.64 min Scan# 774

Delta R.T. -0.00 min

Lab File: BF100411.D

Acq: 11 Nov 2017 00:46

Instrument :

BNA\_F

ClientSampleId :

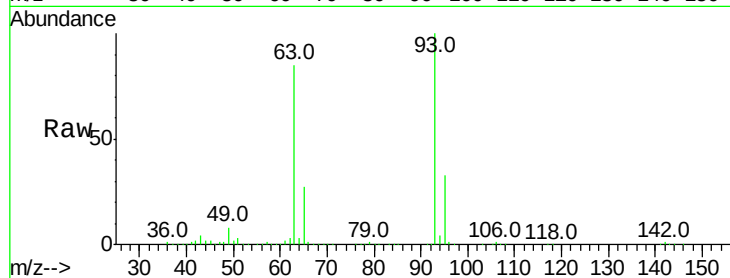
Tot Ion: 93 Resp: 525410

Ion Ratio Lower Upper

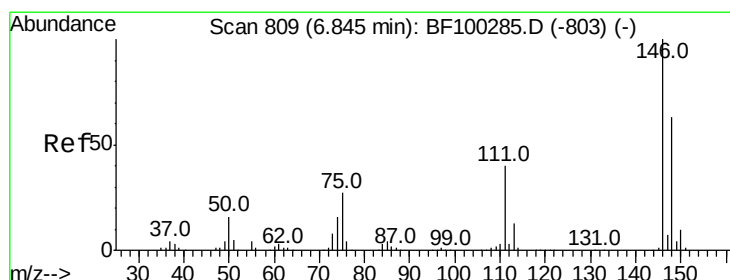
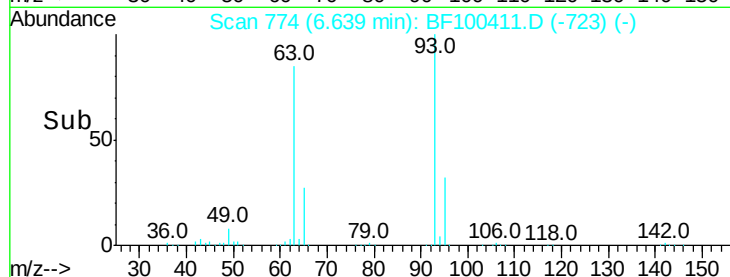
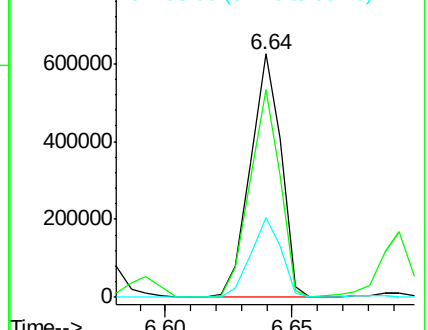
93 100

63 85.2 58.6 98.6

95 32.9 11.8 51.8



Abundance Ion 93.00 (92.70 to 93.70): BF1  
Ion 63.00 (62.70 to 63.70): BF1  
Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 43.936 ng

RT: 6.85 min Scan# 809

Delta R.T. -0.00 min

Lab File: BF100411.D

Acq: 11 Nov 2017 00:46

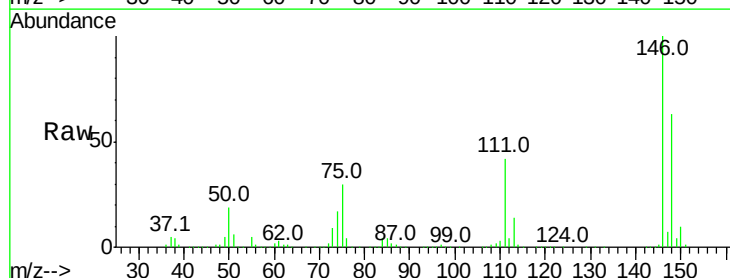
Tgt Ion: 146 Resp: 588626

Ion Ratio Lower Upper

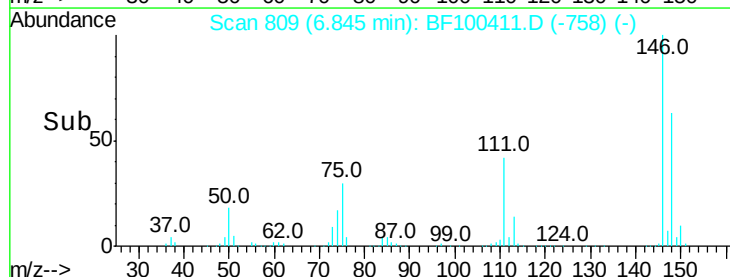
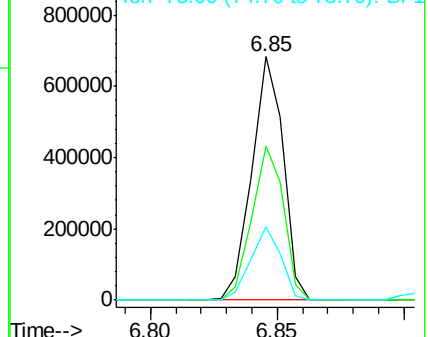
146 100

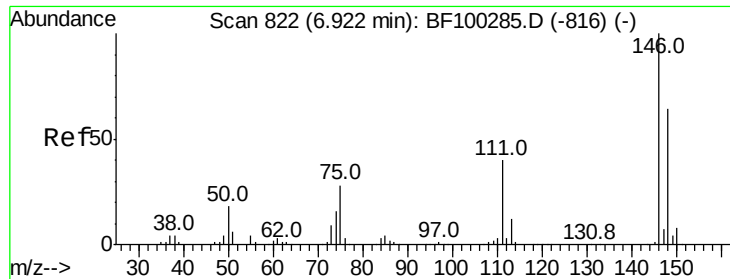
148 63.5 51.8 77.8

75 30.0 24.2 36.4



Abundance Ion 146.00 (145.70 to 146.70): E  
Ion 148.00 (147.70 to 148.70): E  
Ion 75.00 (74.70 to 75.70): BF1

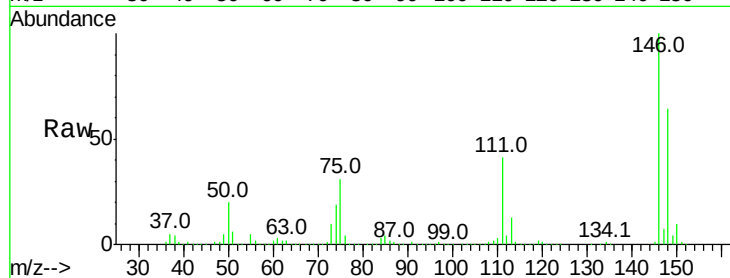




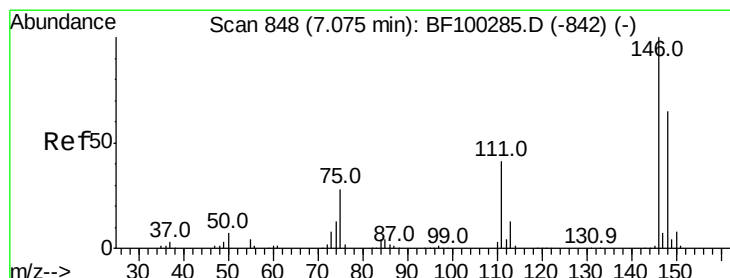
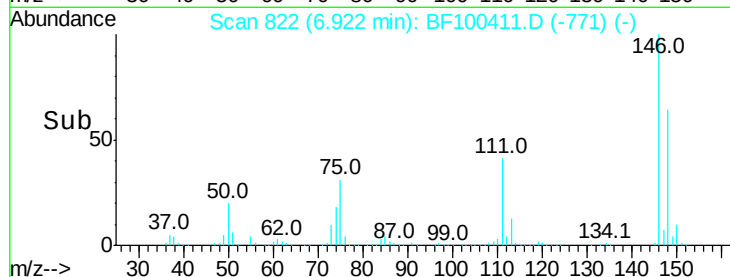
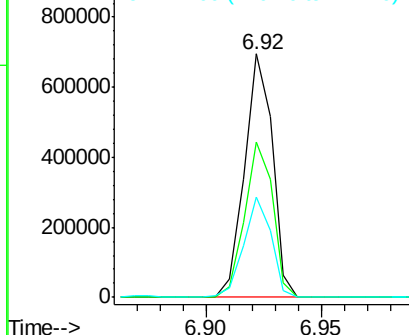
#13  
 1,4-Dichlorobenzene  
 Concen: 43.480 ng  
 RT: 6.92 min Scan# 822  
 Delta R.T. -0.00 min  
 Lab File: BF100411.D  
 Acq: 11 Nov 2017 00:46

Instrument :  
 BNA\_F  
 ClientSampled :

Tot Ion:146 Resp: 589582  
 Ion Ratio Lower Upper  
 146 100  
 148 63.6 50.8 76.2  
 111 41.0 34.2 51.2

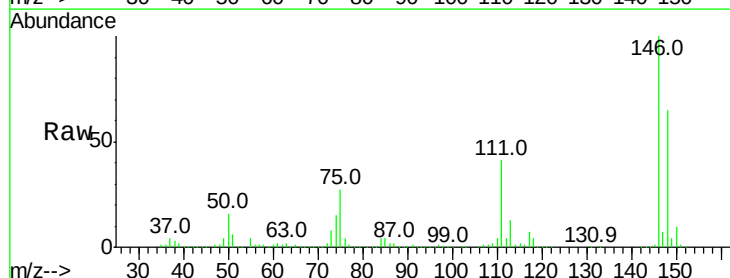


Abundance Ion 146.00 (145.70 to 146.70): E  
 Ion 148.00 (147.70 to 148.70): E  
 Ion 111.00 (110.70 to 111.70): E

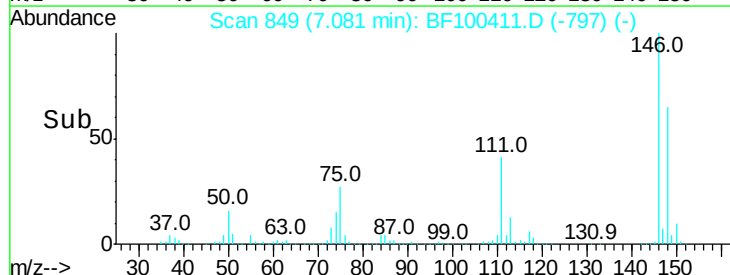
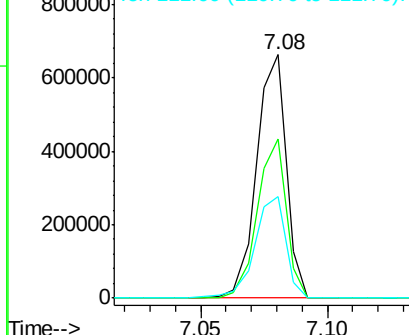


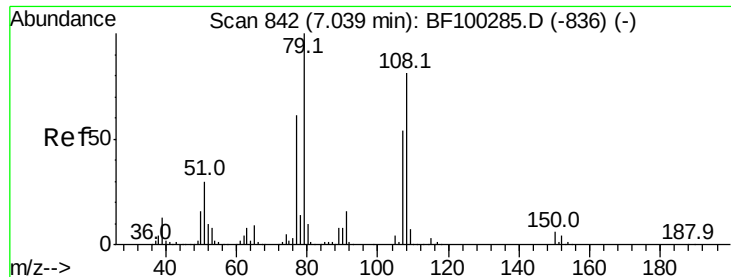
#14  
 1,2-Dichlorobenzene  
 Concen: 43.261 ng  
 RT: 7.08 min Scan# 849  
 Delta R.T. 0.01 min  
 Lab File: BF100411.D  
 Acq: 11 Nov 2017 00:46

Tgt Ion:146 Resp: 542375  
 Ion Ratio Lower Upper  
 146 100  
 148 65.4 50.6 75.8  
 111 41.5 36.0 54.0



Abundance Ion 146.00 (145.70 to 146.70): E  
 Ion 148.00 (147.70 to 148.70): E  
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 27.270 ng

RT: 7.05 min Scan# 843

Delta R.T. 0.01 min

Lab File: BF100411.D

Acq: 11 Nov 2017 00:46

Instrument :

BNA\_F

ClientSampled :

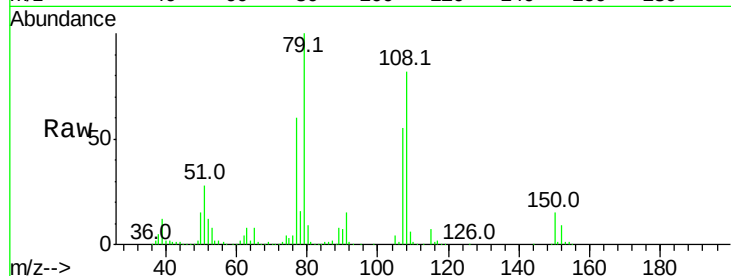
Tot Ion: 79 Resp: 288277

Ion Ratio Lower Upper

79 100

108 82.0 65.1 97.7

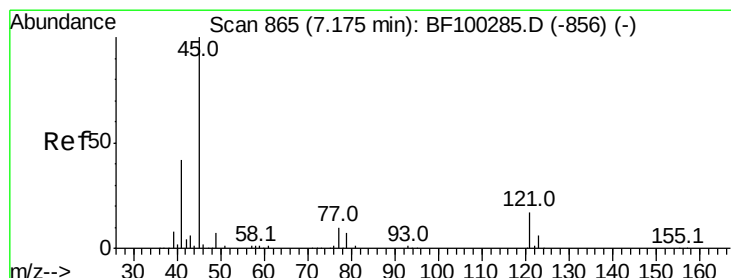
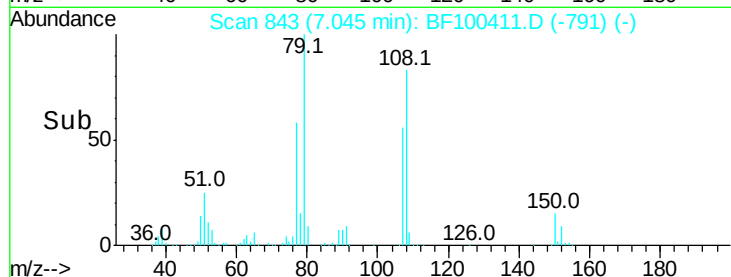
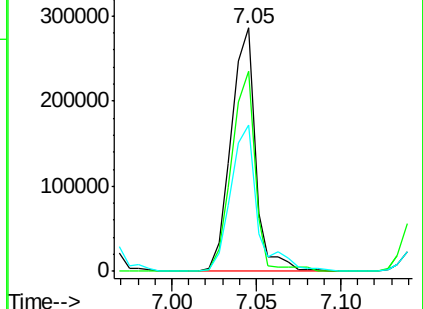
77 60.0 50.6 75.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 50.887 ng

RT: 7.18 min Scan# 866

Delta R.T. 0.01 min

Lab File: BF100411.D

Acq: 11 Nov 2017 00:46

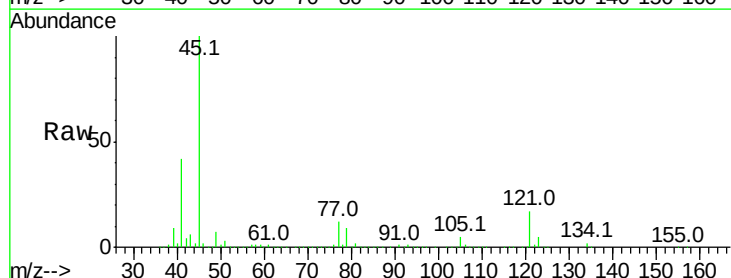
Tgt Ion: 45 Resp: 972072

Ion Ratio Lower Upper

45 100

77 12.2 0.0 32.9

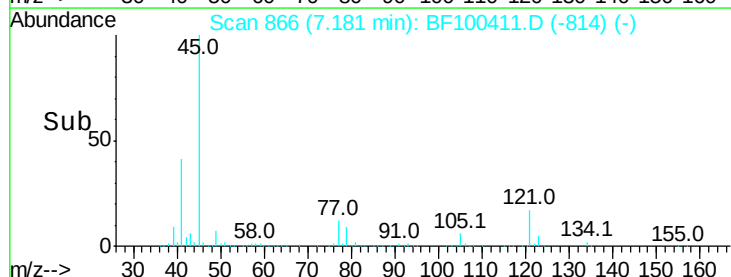
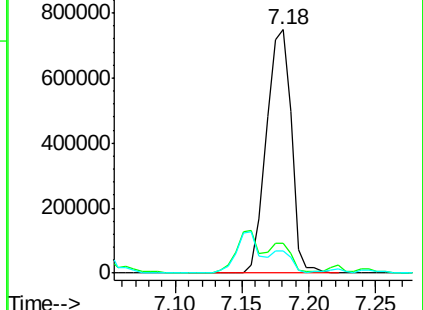
79 9.2 0.0 29.6

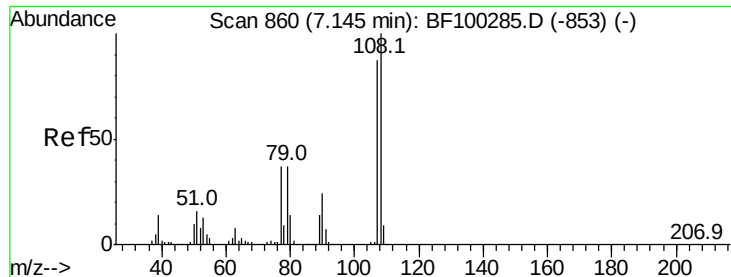


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 31.634 ng

RT: 7.16 min Scan# 862

Delta R.T. 0.01 min

Lab File: BF100411.D

Acq: 11 Nov 2017 00:46

Instrument :

BNA\_F

ClientSampleId :

Tot Ion:107 Resp: 314131

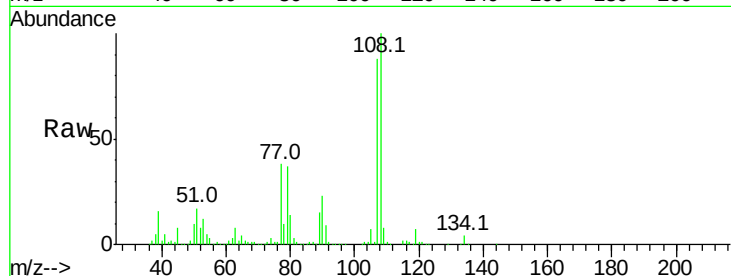
Ion Ratio Lower Upper

107 100

108 113.1 91.7 137.5

77 43.5 33.8 50.8

79 42.1 33.8 50.8

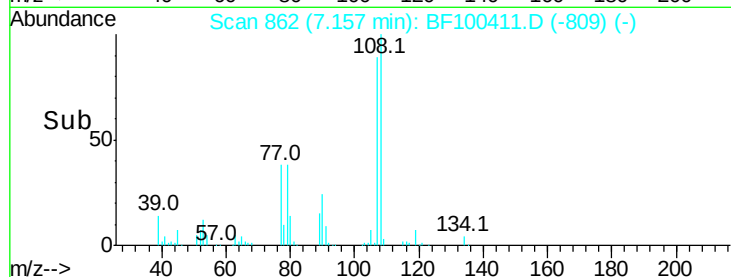


Abundance Ion 107.00 (106.70 to 107.70): E

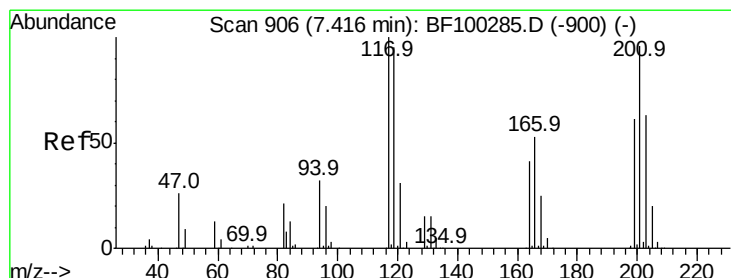
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



Time-->



#18

Hexachloroethane

Concen: 41.650 ng

RT: 7.42 min Scan# 906

Delta R.T. -0.00 min

Lab File: BF100411.D

Acq: 11 Nov 2017 00:46

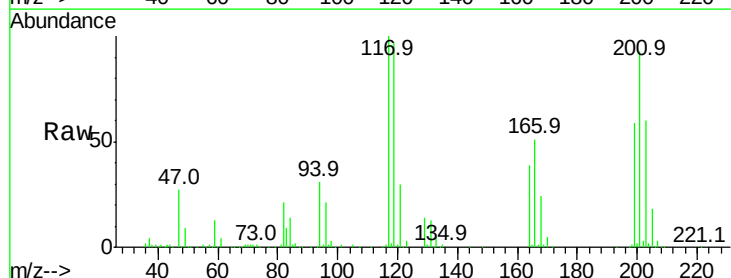
Tgt Ion:117 Resp: 186211

Ion Ratio Lower Upper

117 100

119 97.3 75.8 113.8

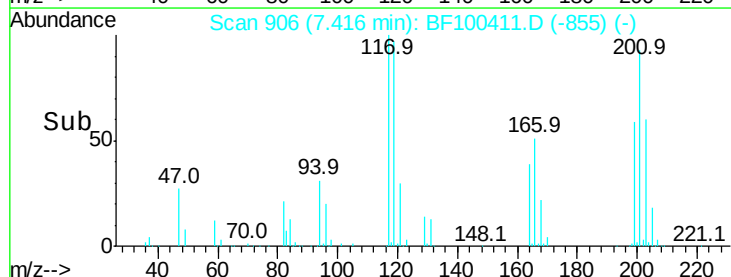
201 93.0 75.7 113.5



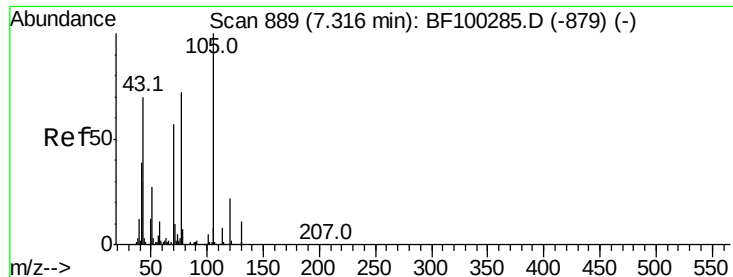
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



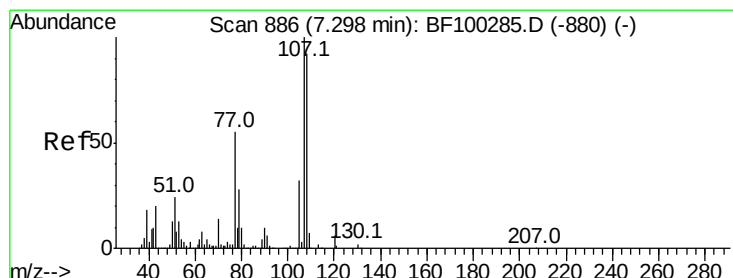
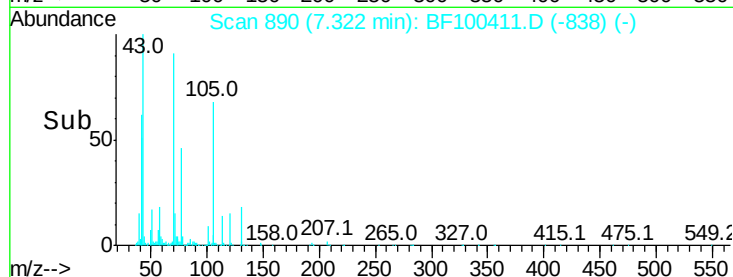
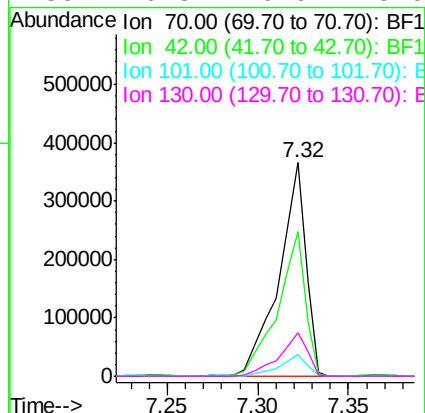
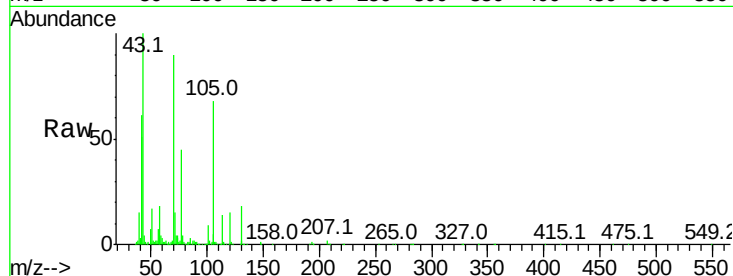
Time-->



#19  
n-Nitroso-di-n-propylamine  
Concen: 40.269 ng  
RT: 7.32 min Scan# 890  
Delta R.T. 0.01 min  
Lab File: BF100411.D  
Acq: 11 Nov 2017 00:46

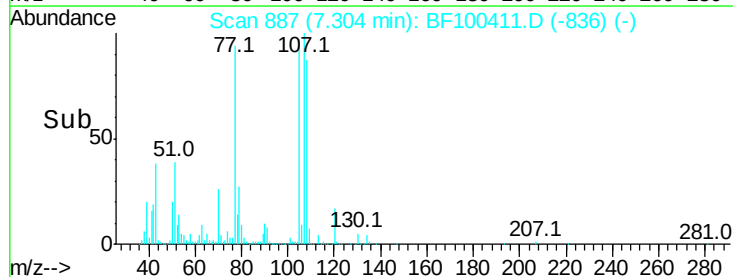
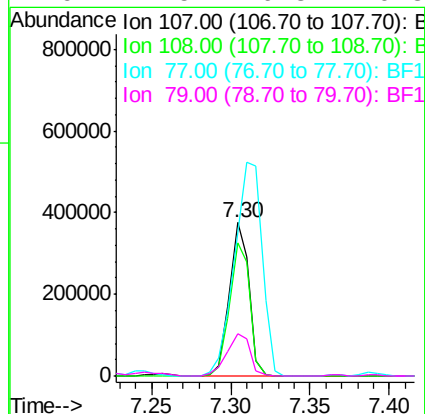
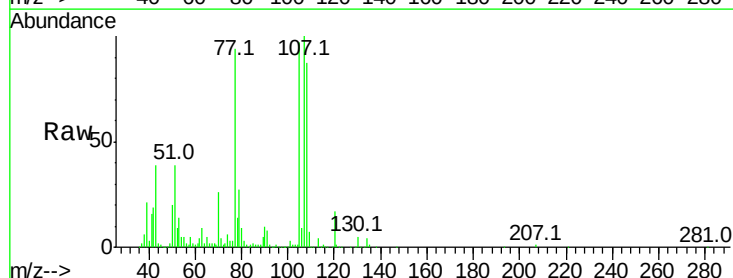
Instrument :  
BNA\_F  
ClientSampleId :

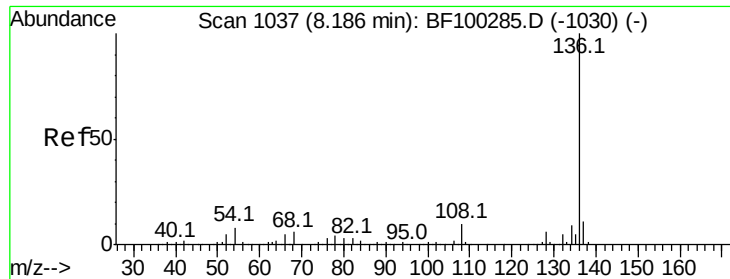
Tot Ion: 70 Resp: 378269  
Ion Ratio Lower Upper  
70 100  
42 67.9 47.5 71.3  
101 10.0 7.4 11.2  
130 20.3 16.6 25.0



#20  
3+4-Methylphenols  
Concen: 25.678 ng  
RT: 7.30 min Scan# 887  
Delta R.T. -0.00 min  
Lab File: BF100411.D  
Acq: 11 Nov 2017 00:46

Tgt Ion: 107 Resp: 322669  
Ion Ratio Lower Upper  
107 100  
108 87.3 68.2 108.2  
77 94.0 26.7 66.7#  
79 27.5 6.3 46.3

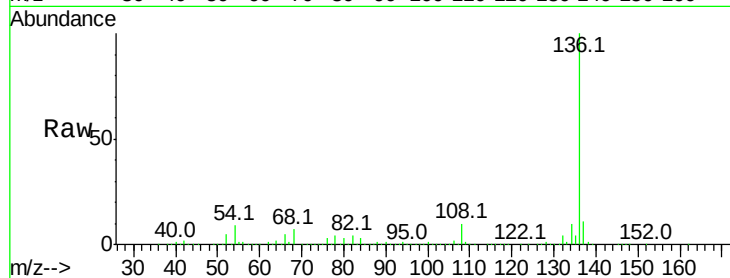




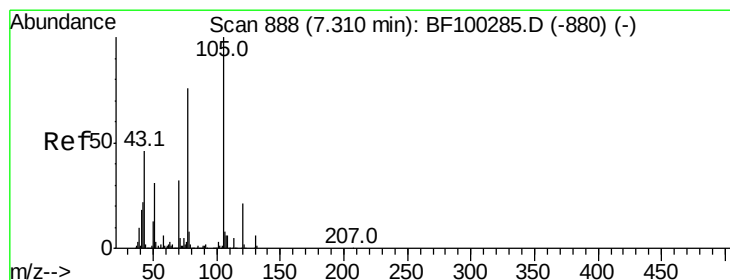
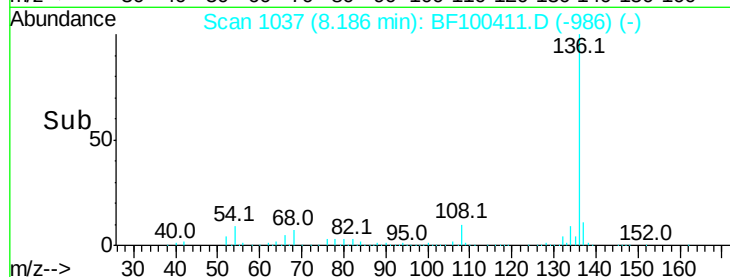
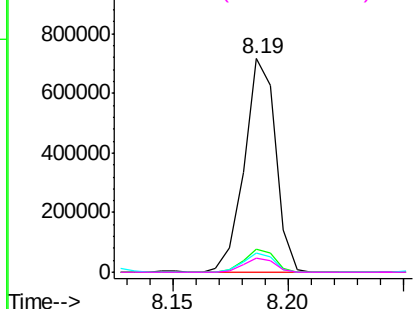
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.19 min Scan# 1037  
Delta R.T. -0.00 min  
Lab File: BF100411.D  
Acq: 11 Nov 2017 00:46

Instrument :  
BNA\_F  
ClientSampleId :

|             |              |
|-------------|--------------|
| Tot Ion:136 | Resp: 681806 |
| Ion Ratio   | Lower Upper  |
| 136 100     |              |
| 137 11.0    | 8.9 13.3     |
| 54 9.3      | 6.6 9.8      |
| 68 6.8      | 5.0 7.4      |

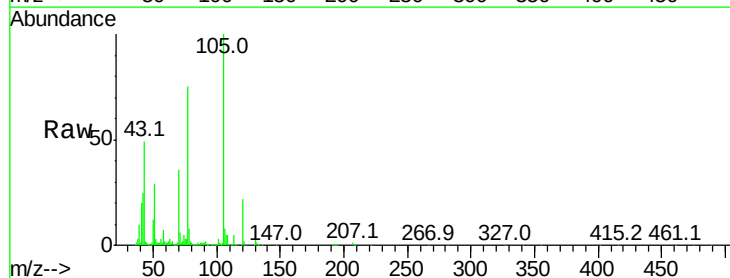


Abundance Ion 136.00 (135.70 to 136.70): E  
Ion 137.00 (136.70 to 137.70): E  
Ion 54.00 (53.70 to 54.70): BF1  
Ion 68.00 (67.70 to 68.70): BF1

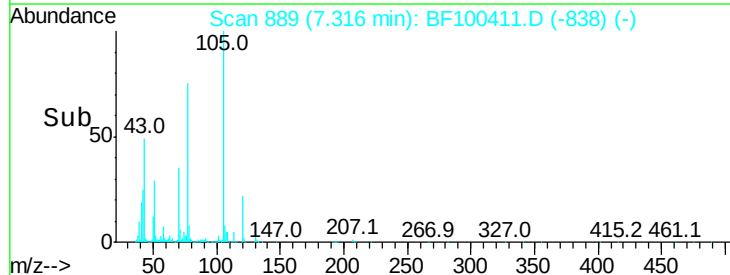
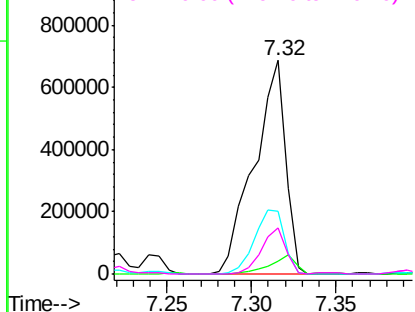


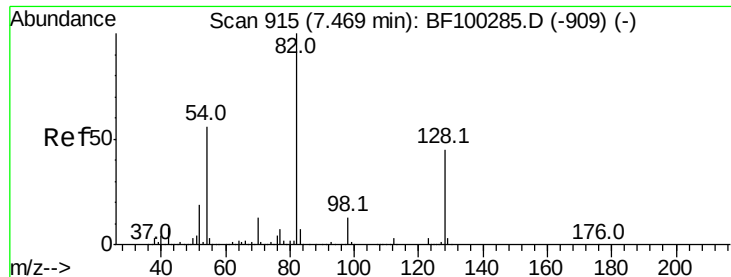
#22  
Acetophenone  
Concen: 53.534 ng  
RT: 7.32 min Scan# 889  
Delta R.T. -0.00 min  
Lab File: BF100411.D  
Acq: 11 Nov 2017 00:46

|     |         |       |        |
|-----|---------|-------|--------|
| Tgt | Ion:105 | Resp: | 890033 |
| Ion | Ratio   | Lower | Upper  |
| 105 | 100     |       |        |
| 71  | 6.0     | 4.4   | 6.6    |
| 51  | 29.1    | 22.3  | 33.5   |
| 120 | 21.9    | 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

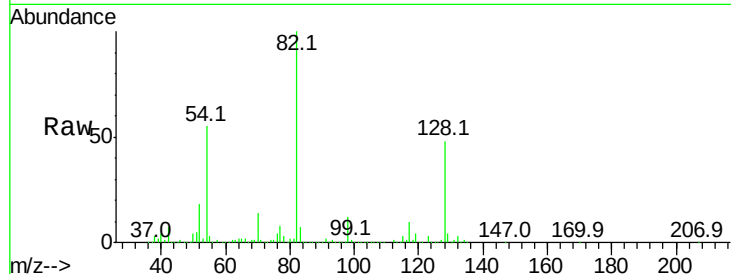




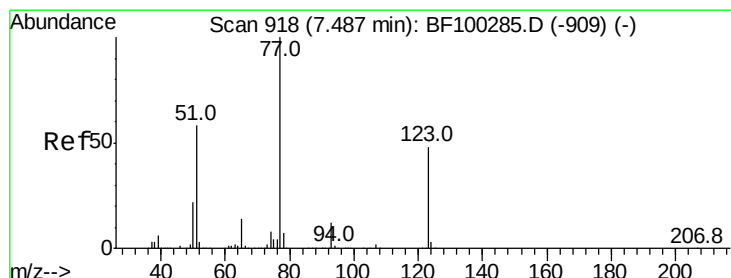
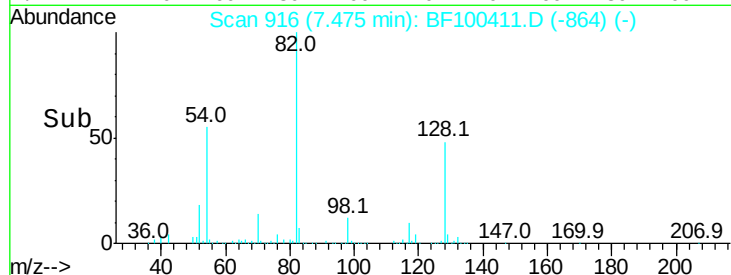
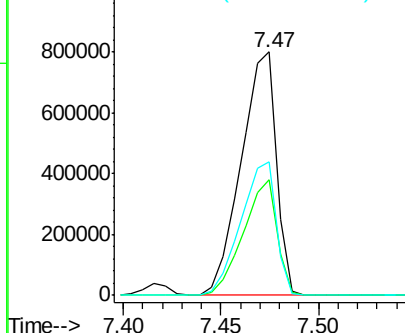
#23  
Nitrobenzene-d5  
Concen: 96.928 ng  
RT: 7.47 min Scan# 916  
Delta R.T. 0.01 min  
Lab File: BF100411.D  
Acq: 11 Nov 2017 00:46

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion: 82 Resp: 999592  
Ion Ratio Lower Upper  
82 100  
128 47.6 36.1 54.1  
54 54.9 41.4 62.2

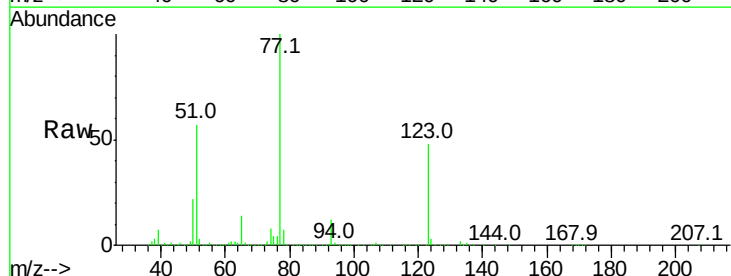


Abundance Ion 82.00 (81.70 to 82.70): BF1  
Ion 128.00 (127.70 to 128.70): BF1  
Ion 54.00 (53.70 to 54.70): BF1

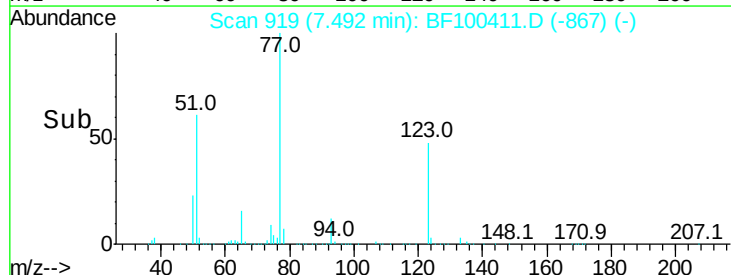
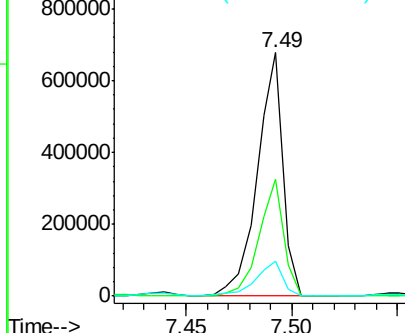


#24  
Nitrobenzene  
Concen: 53.434 ng  
RT: 7.49 min Scan# 919  
Delta R.T. 0.01 min  
Lab File: BF100411.D  
Acq: 11 Nov 2017 00:46

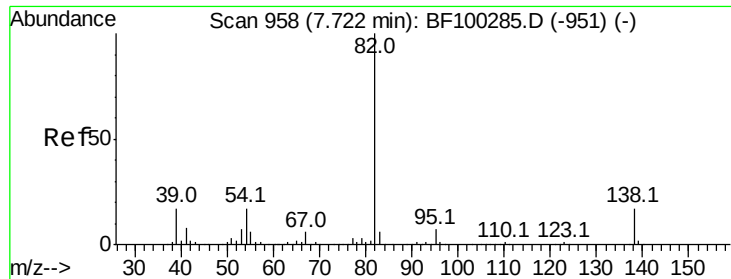
Tgt Ion: 77 Resp: 567168  
Ion Ratio Lower Upper  
77 100  
123 48.2 37.9 56.9  
65 14.4 11.0 16.4



Abundance Ion 77.00 (76.70 to 77.70): BF1  
Ion 123.00 (122.70 to 123.70): BF1  
Ion 65.00 (64.70 to 65.70): BF1







#25

Isophorone

Concen: 48.590 ng

RT: 7.73 min Scan# 959

Delta R.T. -0.00 min

Lab File: BF100411.D

Acq: 11 Nov 2017 00:46

Instrument :

BNA\_F

ClientSampleId :

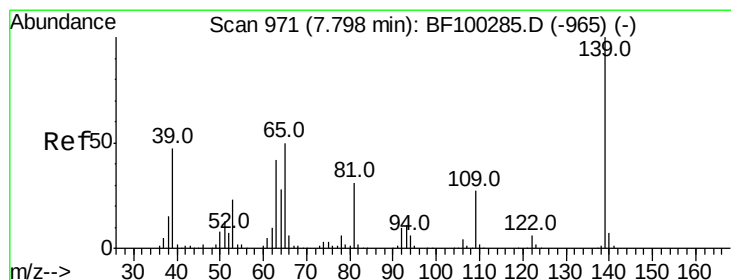
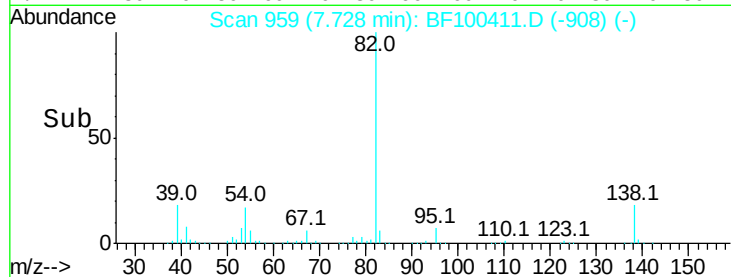
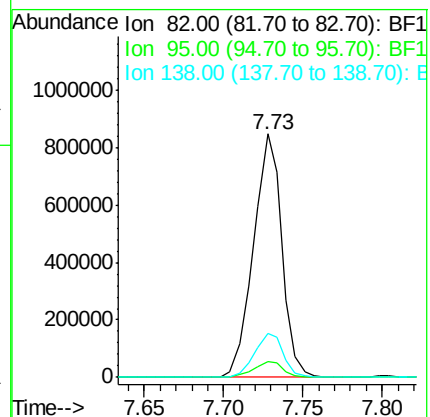
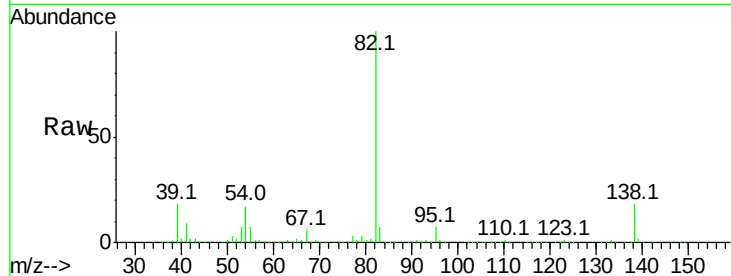
Tot Ion: 82 Resp: 1053011

Ion Ratio Lower Upper

82 100

95 6.7 5.2 7.8

138 18.1 14.9 22.3



#26

2-Nitrophenol

Concen: 48.388 ng

RT: 7.80 min Scan# 972

Delta R.T. 0.01 min

Lab File: BF100411.D

Acq: 11 Nov 2017 00:46

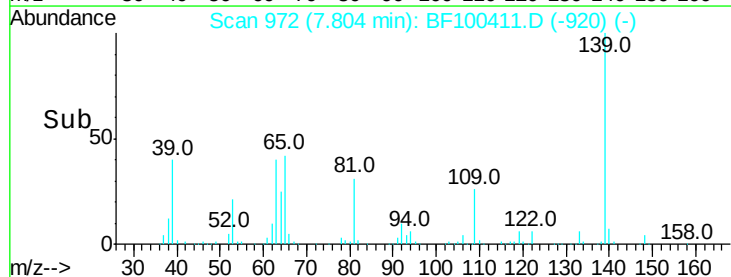
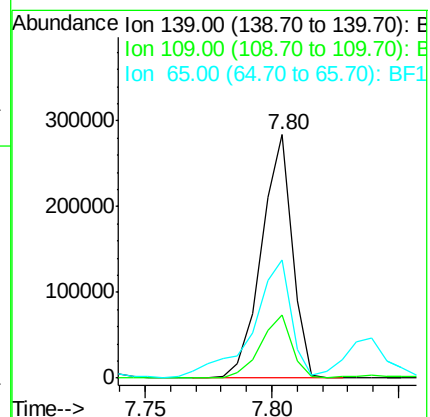
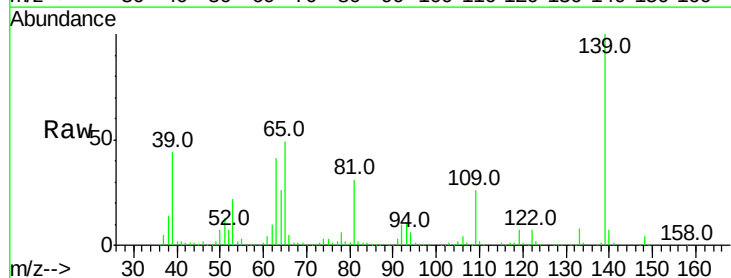
Tgt Ion:139 Resp: 241054

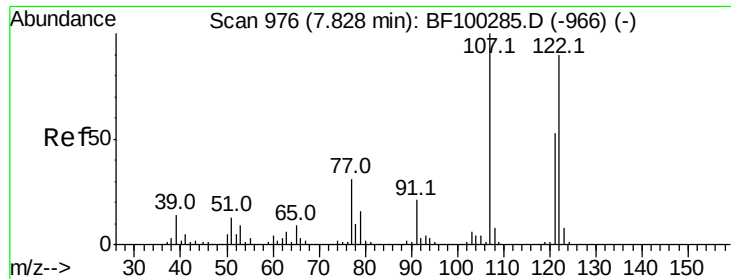
Ion Ratio Lower Upper

139 100

109 25.9 22.7 34.1

65 48.5 40.5 60.7

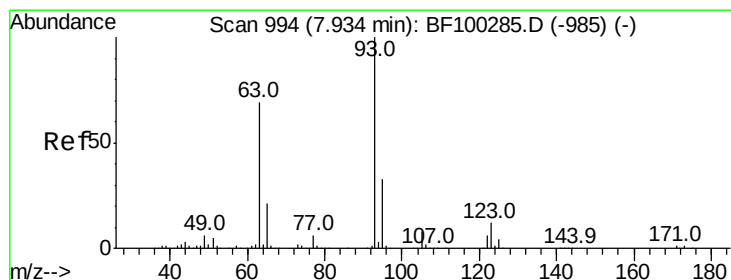
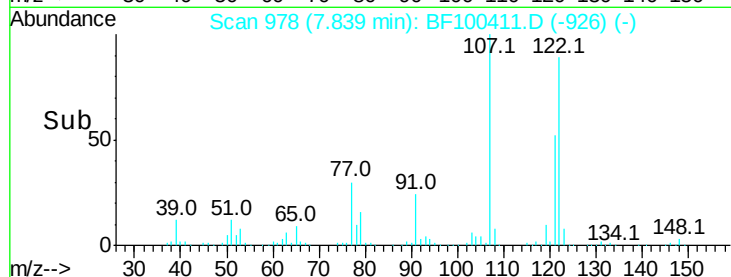
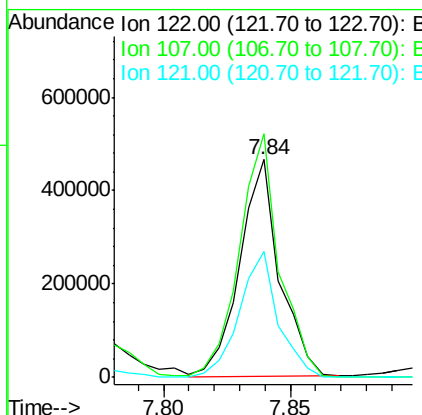
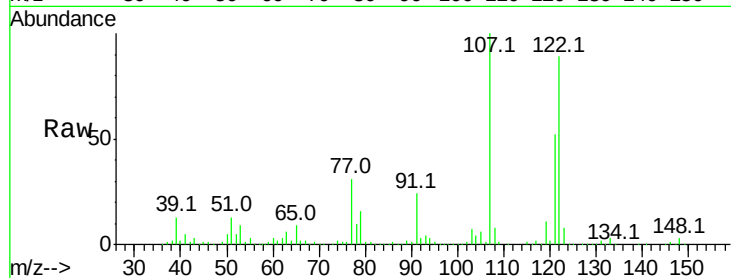




#27  
 2,4-Dimethylphenol  
 Concen: 52.418 ng  
 RT: 7.84 min Scan# 978  
 Delta R.T. 0.01 min  
 Lab File: BF100411.D  
 Acq: 11 Nov 2017 00:46

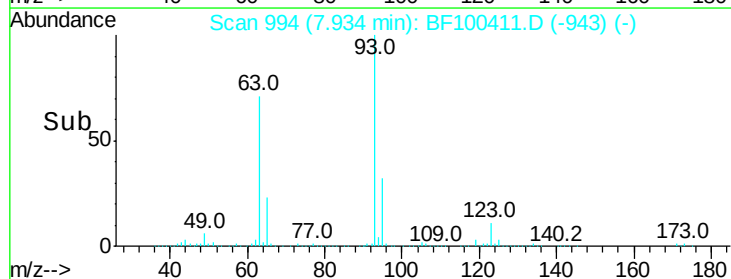
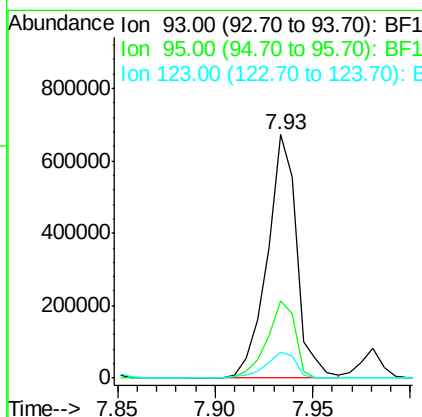
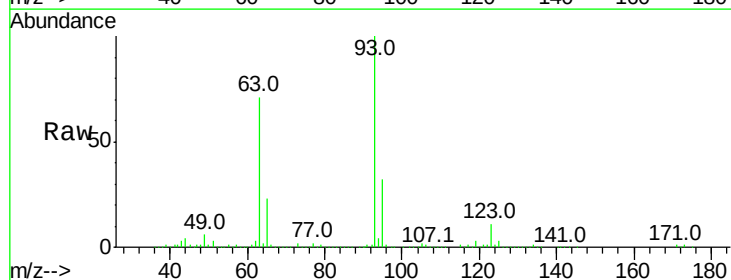
Instrument :  
 BNA\_F  
 ClientSampleId :

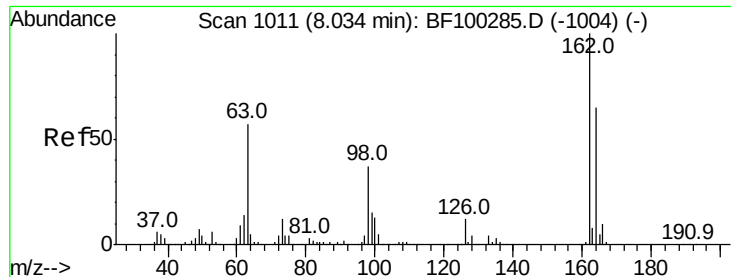
Tot Ion:122 Resp: 509233  
 Ion Ratio Lower Upper  
 122 100  
 107 111.9 91.2 136.8  
 121 57.7 47.2 70.8



#28  
 bis(2-Chloroethoxy)methane  
 Concen: 49.528 ng  
 RT: 7.93 min Scan# 994  
 Delta R.T. -0.00 min  
 Lab File: BF100411.D  
 Acq: 11 Nov 2017 00:46

Tgt Ion: 93 Resp: 702086  
 Ion Ratio Lower Upper  
 93 100  
 95 32.0 26.3 39.5  
 123 10.9 9.8 14.6





#29

2,4-Dichlorophenol

Concen: 43.283 ng

RT: 8.05 min Scan# 1013

Delta R.T. 0.01 min

Lab File: BF100411.D

Acq: 11 Nov 2017 00:46

Instrument :

BNA\_F

ClientSampled :

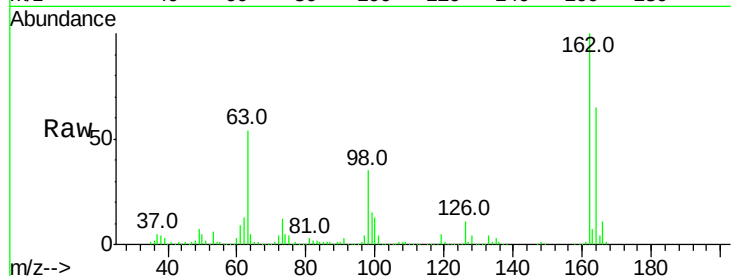
Tot Ion:162 Resp: 401417

Ion Ratio Lower Upper

162 100

164 64.6 42.7 82.7

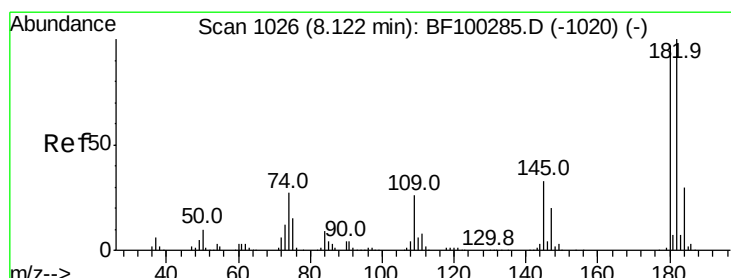
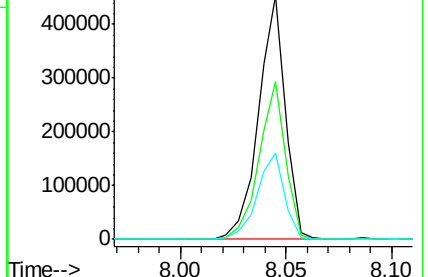
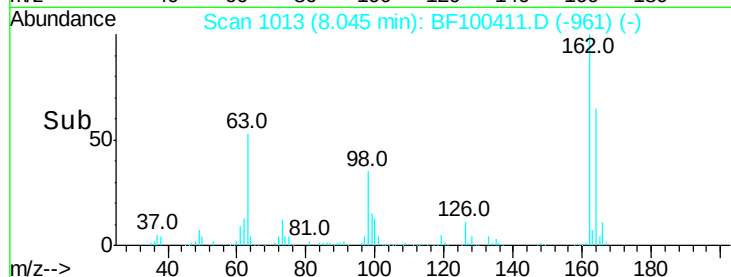
98 35.2 18.1 58.1



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: 45.267 ng

RT: 8.13 min Scan# 1027

Delta R.T. -0.00 min

Lab File: BF100411.D

Acq: 11 Nov 2017 00:46

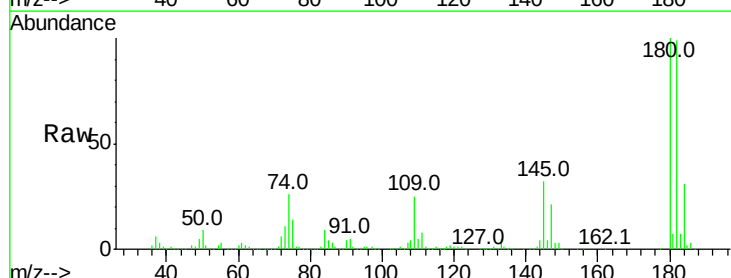
Tgt Ion:180 Resp: 454117

Ion Ratio Lower Upper

180 100

182 99.1 76.8 115.2

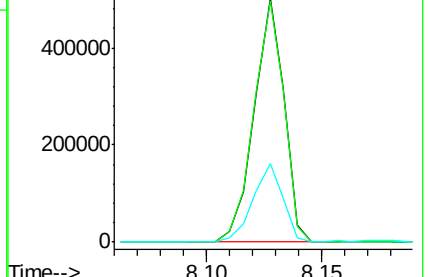
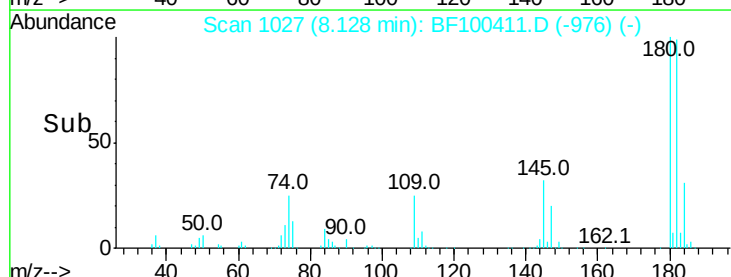
145 32.3 26.5 39.7

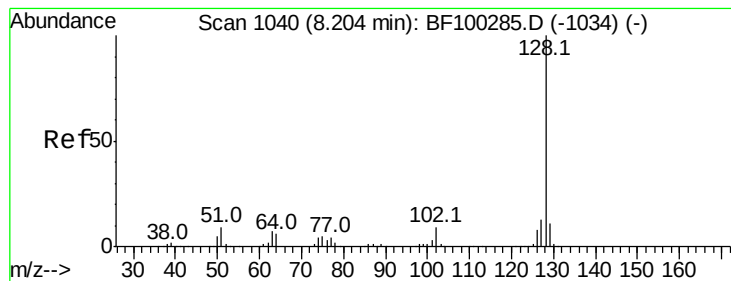


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 43.611 ng

RT: 8.21 min Scan# 1041

Delta R.T. -0.00 min

Lab File: BF100411.D

Acq: 11 Nov 2017 00:46

Instrument :

BNA\_F

ClientSampleId :

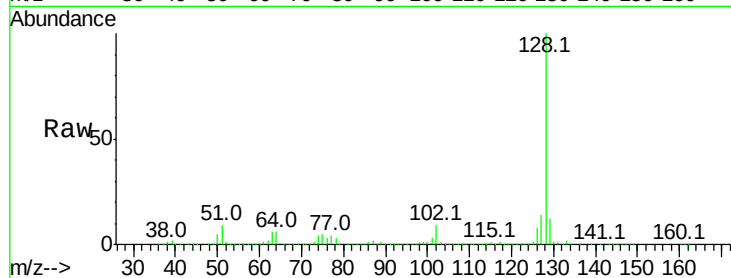
Tot Ion:128 Resp: 1432164

Ion Ratio Lower Upper

128 100

129 12.1 8.8 13.2

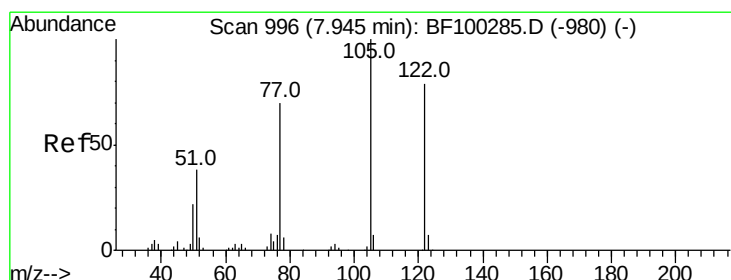
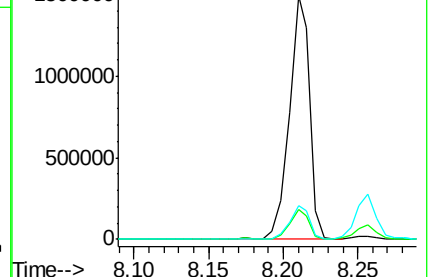
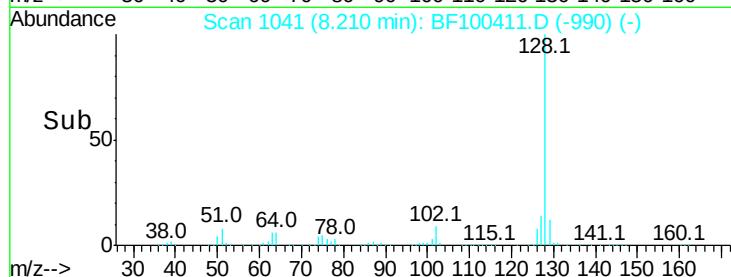
127 13.8 10.9 16.3



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: 17.054 ng

RT: 7.93 min Scan# 993

Delta R.T. -0.02 min

Lab File: BF100411.D

Acq: 11 Nov 2017 00:46

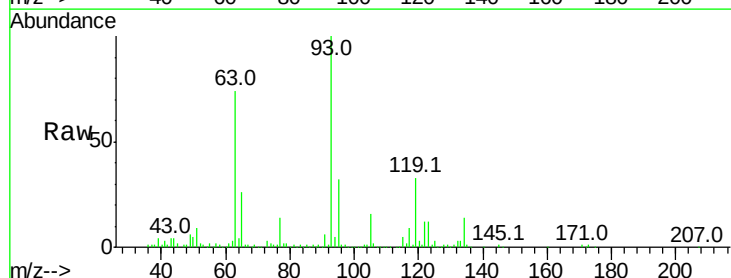
Tgt Ion:122 Resp: 71027

Ion Ratio Lower Upper

122 100

105 132.8 101.1 141.1

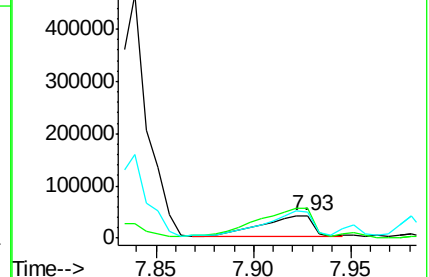
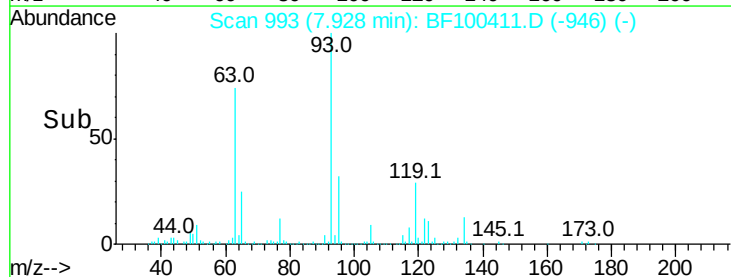
77 116.9 70.7 110.7#

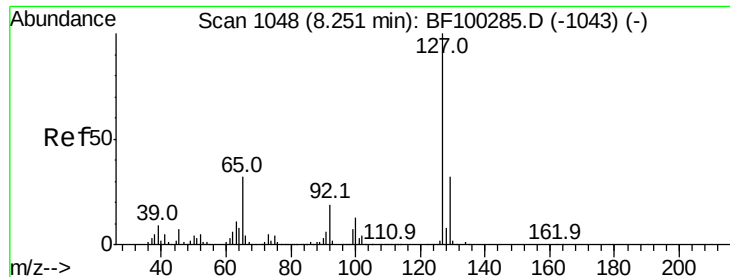


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

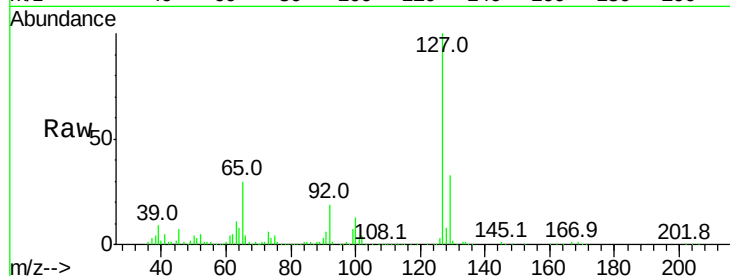




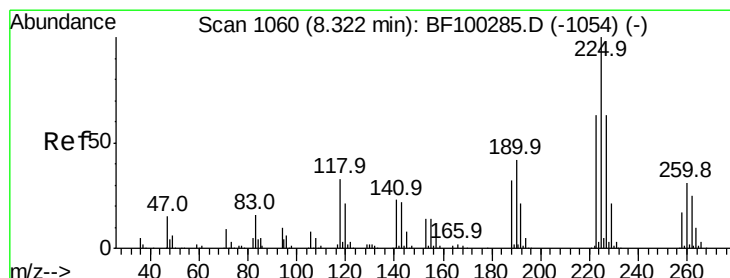
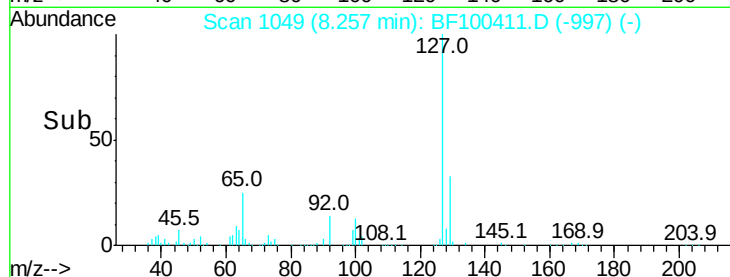
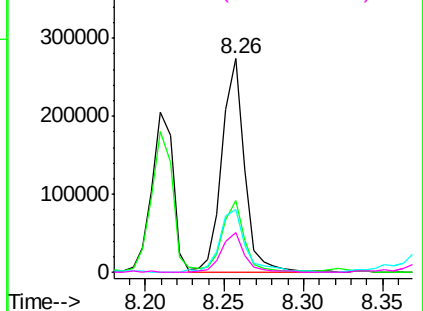
#33  
 4-Chloroaniline  
 Concen: 19.748 ng  
 RT: 8.26 min Scan# 1049  
 Delta R.T. 0.01 min  
 Lab File: BF100411.D  
 Acq: 11 Nov 2017 00:46

Instrument :  
 BNA\_F  
 ClientSampleId :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 127   | Resp: | 269947 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 33.4  | 25.9  | 38.9   |
| 65       | 29.5  | 25.0  | 37.4   |
| 92       | 18.6  | 15.2  | 22.8   |

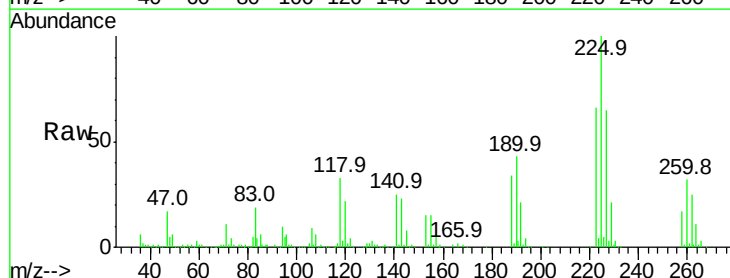


Abundance Ion 127.00 (126.70 to 127.70): E  
 Ion 129.00 (128.70 to 129.70): E  
 Ion 65.00 (64.70 to 65.70): BF1  
 Ion 92.00 (91.70 to 92.70): BF1

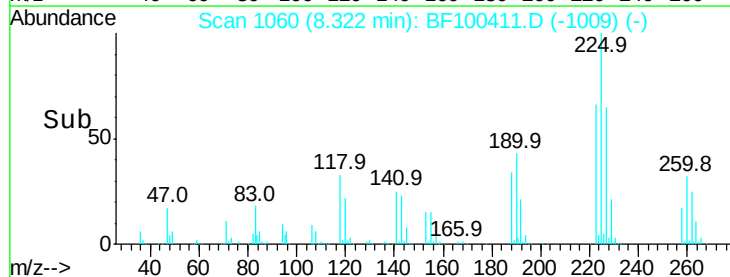
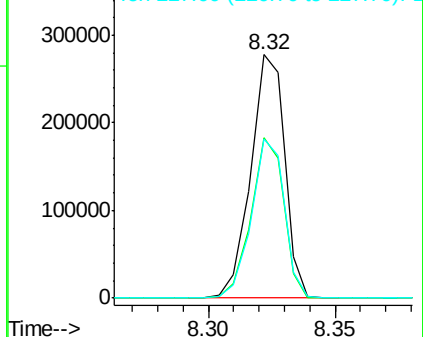


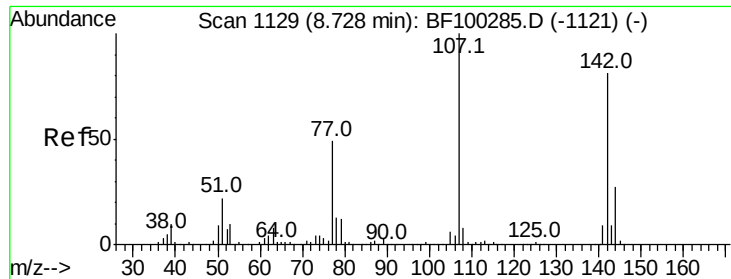
#34  
 Hexachlorobutadiene  
 Concen: 43.403 ng  
 RT: 8.32 min Scan# 1060  
 Delta R.T. -0.00 min  
 Lab File: BF100411.D  
 Acq: 11 Nov 2017 00:46

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 258888 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 65.8  | 50.6  | 76.0   |
| 227      | 65.5  | 51.9  | 77.9   |



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

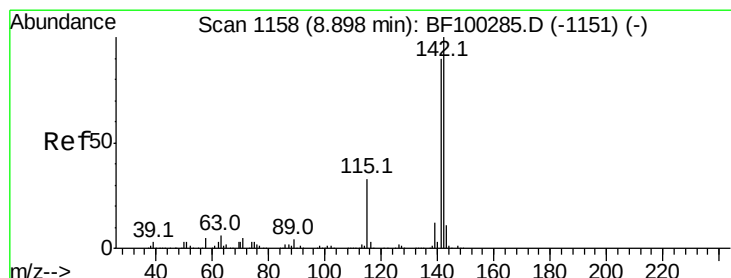
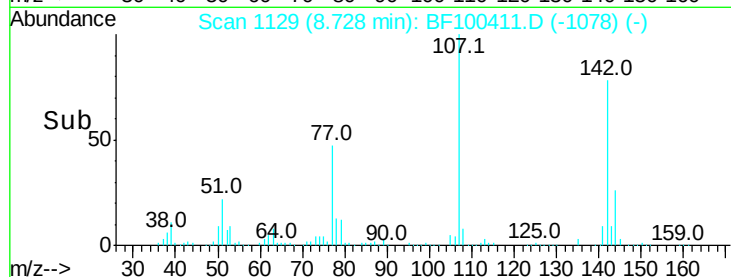
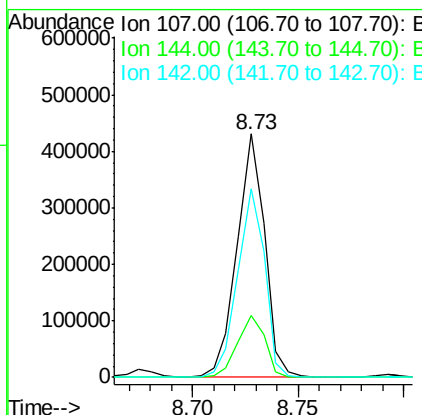
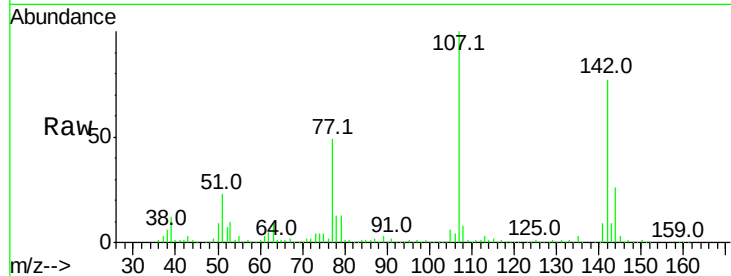




#36  
 4-Chloro-3-methylphenol  
 Concen: 39.001 ng  
 RT: 8.73 min Scan# 1129  
 Delta R.T. -0.00 min  
 Lab File: BF100411.D  
 Acq: 11 Nov 2017 00:46

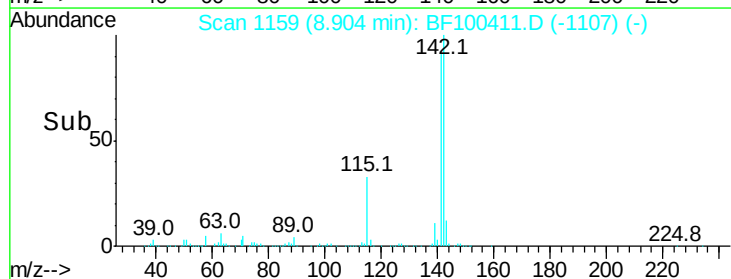
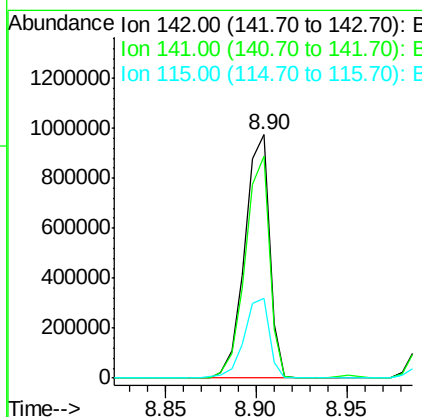
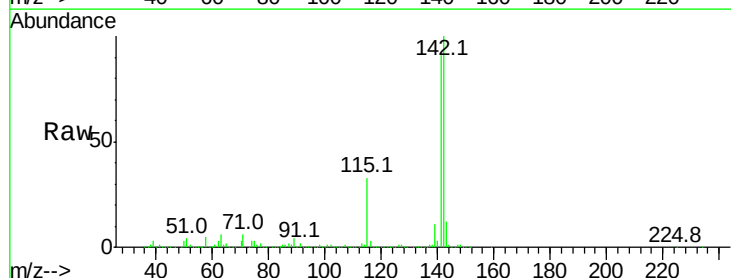
Instrument :  
 BNA\_F  
 ClientSampled :

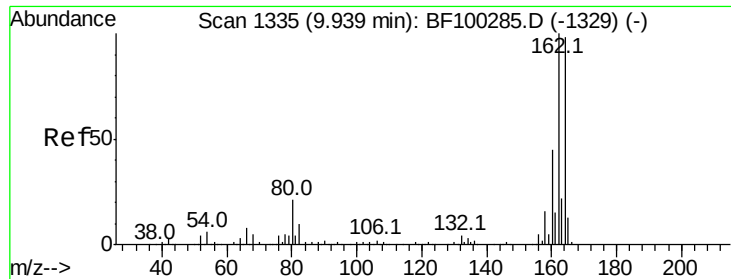
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 144     | 25.6  | 20.5  | 30.7  |
| 142     | 77.2  | 62.0  | 93.0  |



#37  
 2-Methylnaphthalene  
 Concen: 42.547 ng  
 RT: 8.90 min Scan# 1159  
 Delta R.T. 0.01 min  
 Lab File: BF100411.D  
 Acq: 11 Nov 2017 00:46

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 90.9  | 70.8  | 106.2 |
| 115     | 32.7  | 26.1  | 39.1  |





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.95 min Scan# 1336

Delta R.T. -0.00 min

Lab File: BF100411.D

Acq: 11 Nov 2017 00:46

Instrument :

BNA\_F

ClientSampleId :

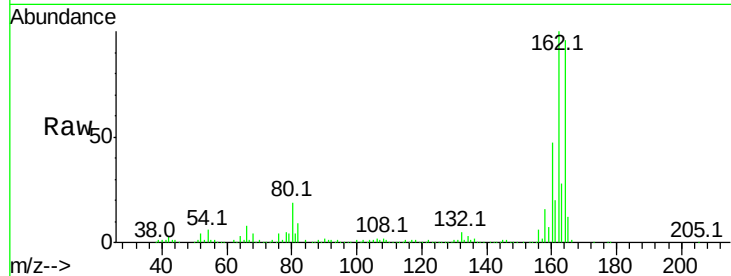
Tot Ion:164 Resp: 275816

Ion Ratio Lower Upper

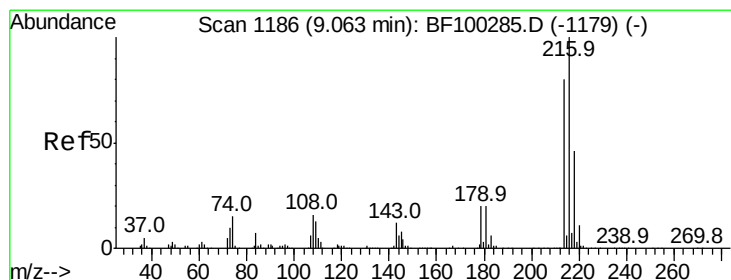
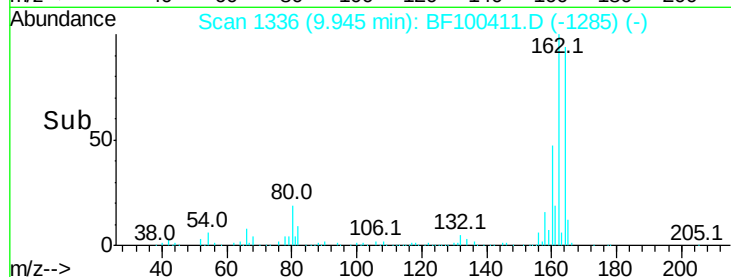
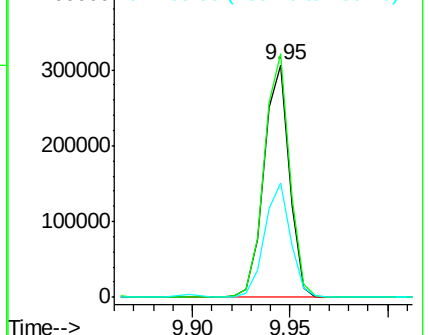
164 100

162 104.7 86.1 129.1

160 49.2 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: 46.643 ng

RT: 9.06 min Scan# 1186

Delta R.T. -0.00 min

Lab File: BF100411.D

Acq: 11 Nov 2017 00:46

Tgt Ion:216 Resp: 426664

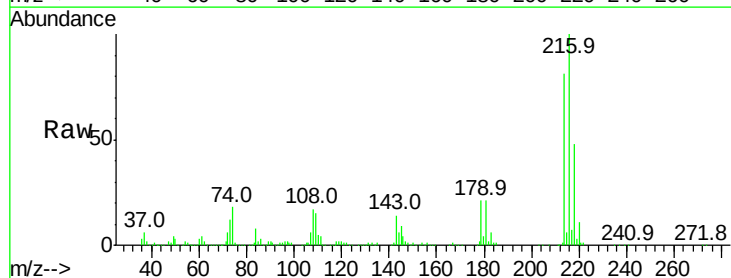
Ion Ratio Lower Upper

216 100

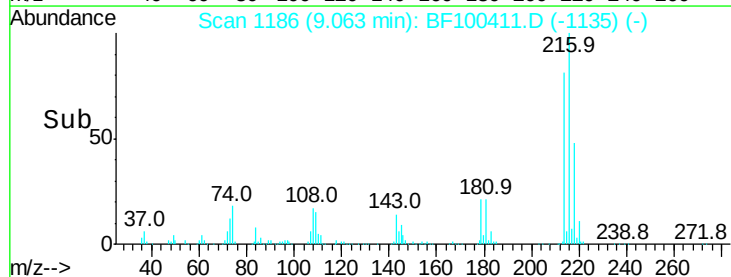
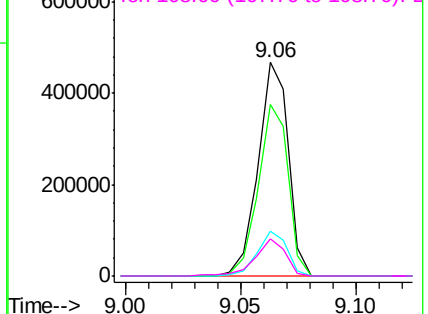
214 79.9 63.0 94.4

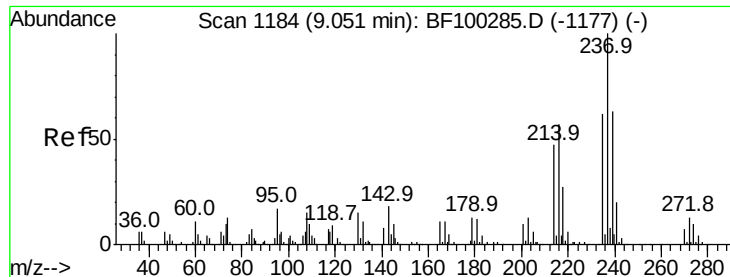
179 20.8 18.1 27.1

108 17.3 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

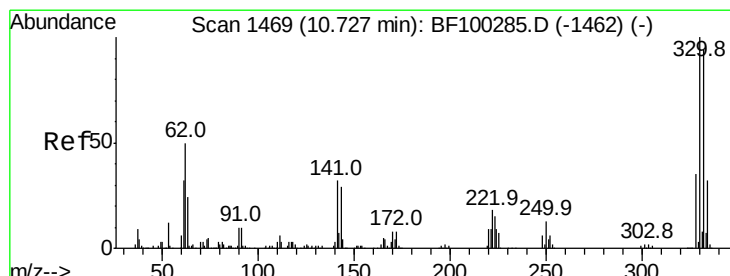
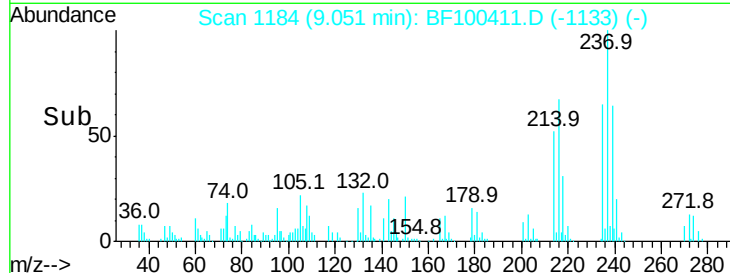
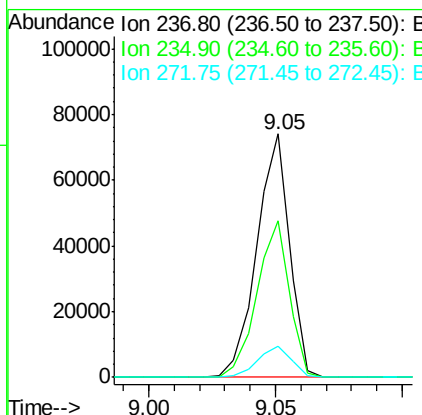
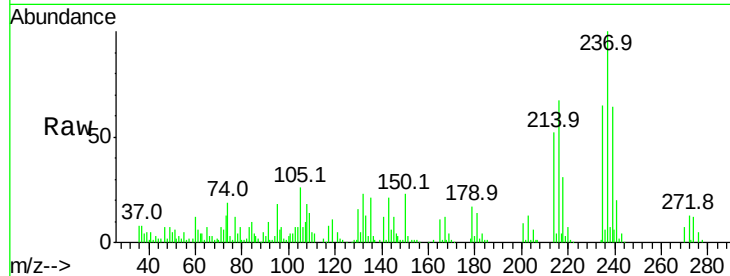




#40  
 Hexachlorocyclopentadiene  
 Concen: 15.494 ng  
 RT: 9.05 min Scan# 1184  
 Delta R.T. -0.00 min  
 Lab File: BF100411.D  
 Acq: 11 Nov 2017 00:46

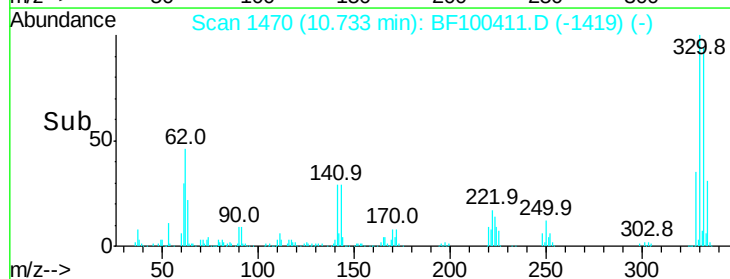
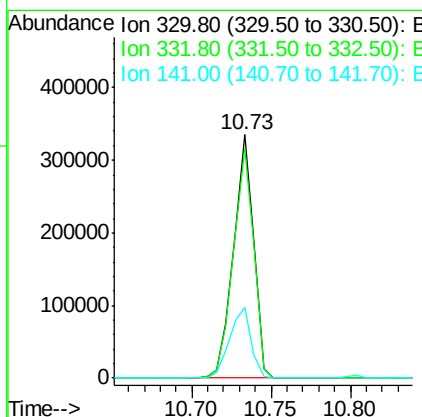
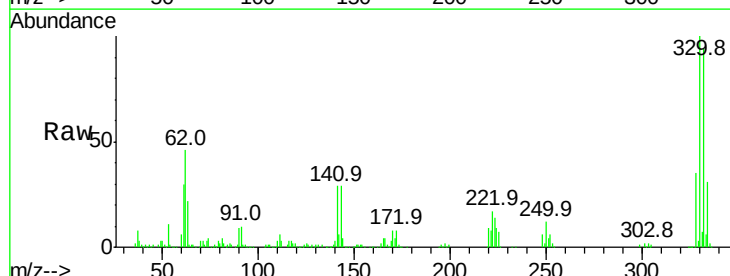
Instrument :  
 BNA\_F  
 ClientSampleId :

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 237   | Resp: | 66704 |
| Ion Ratio | Lower | Upper |       |
| 237       | 100   |       |       |
| 235       | 64.5  | 44.8  | 84.8  |
| 272       | 12.6  | 0.0   | 33.3  |

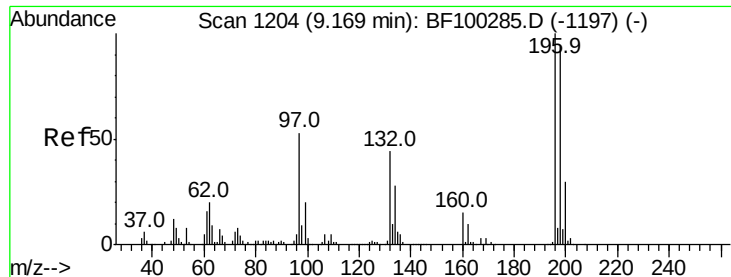


#41  
 2,4,6-Tribromophenol  
 Concen: 105.177 ng  
 RT: 10.73 min Scan# 1470  
 Delta R.T. -0.00 min  
 Lab File: BF100411.D  
 Acq: 11 Nov 2017 00:46

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 330   | Resp: | 295606 |
| Ion Ratio | Lower | Upper |        |
| 330       | 100   |       |        |
| 332       | 96.1  | 77.0  | 115.6  |
| 141       | 31.2  | 29.9  | 44.9   |



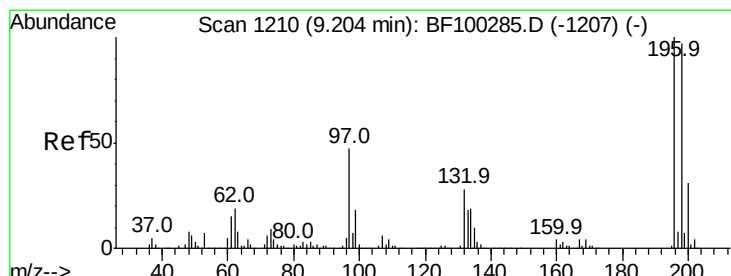
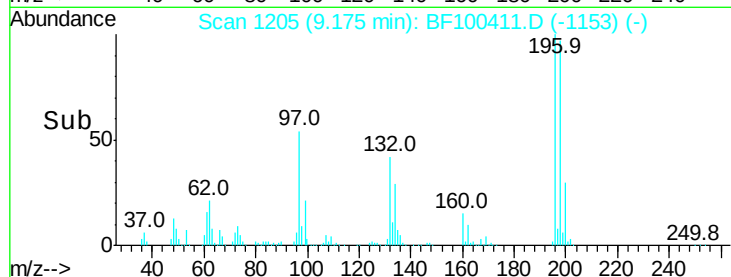
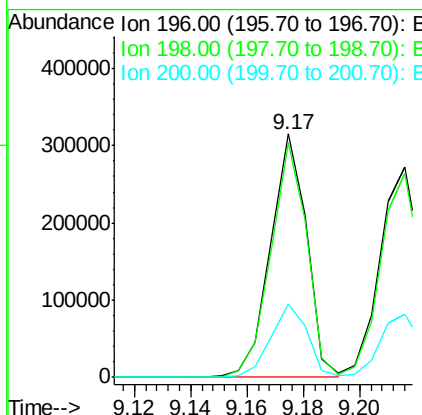
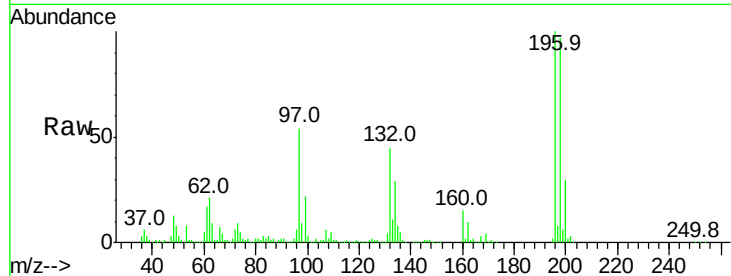




#42  
 2,4,6-Trichlorophenol  
 Concen: 48.277 ng  
 RT: 9.17 min Scan# 1205  
 Delta R.T. 0.01 min  
 Lab File: BF100411.D  
 Acq: 11 Nov 2017 00:46

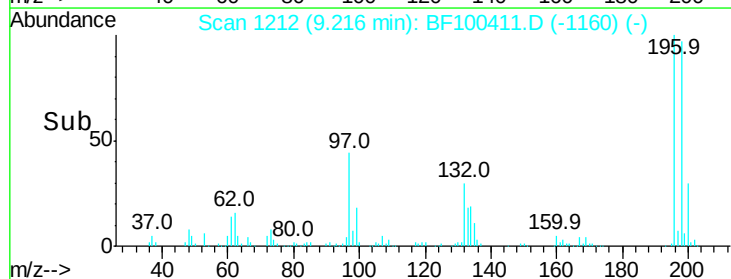
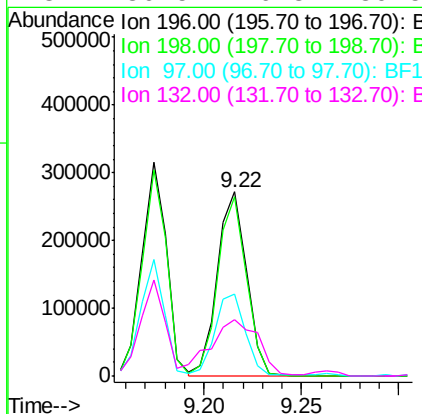
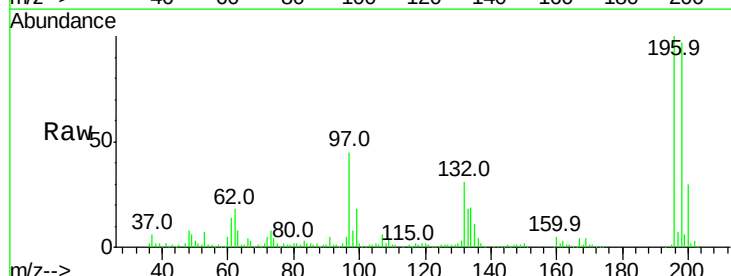
Instrument :  
 BNA\_F  
 ClientSampleId :

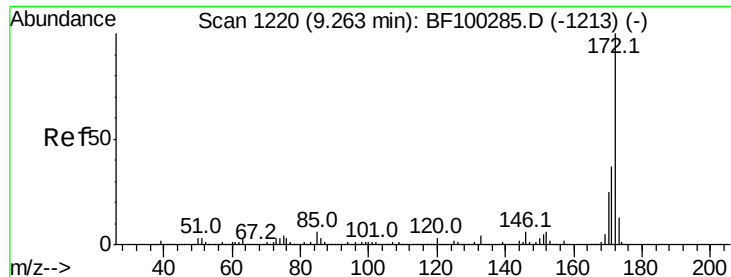
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 196   | Resp: | 279886 |
| Ion      | Ratio | Lower | Upper  |
| 196      | 100   |       |        |
| 198      | 96.5  | 75.7  | 113.5  |
| 200      | 30.2  | 24.5  | 36.7   |



#43  
 2,4,5-Trichlorophenol  
 Concen: 47.310 ng  
 RT: 9.22 min Scan# 1212  
 Delta R.T. 0.01 min  
 Lab File: BF100411.D  
 Acq: 11 Nov 2017 00:46

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 196   | Resp: | 284177 |
| Ion      | Ratio | Lower | Upper  |
| 196      | 100   |       |        |
| 198      | 97.2  | 74.6  | 112.0  |
| 97       | 44.8  | 42.9  | 64.3   |
| 132      | 30.5  | 26.3  | 39.5   |

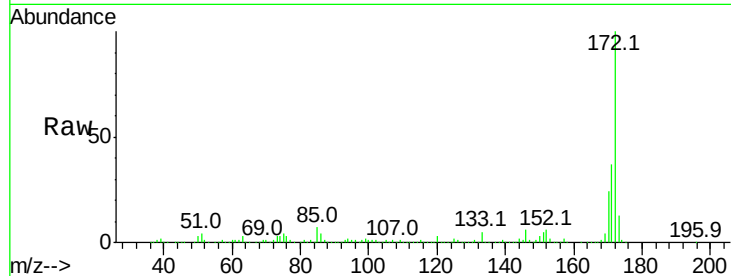




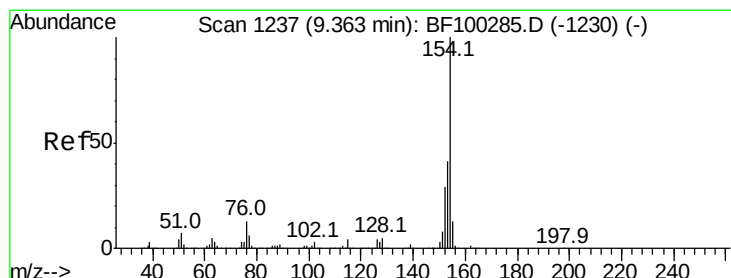
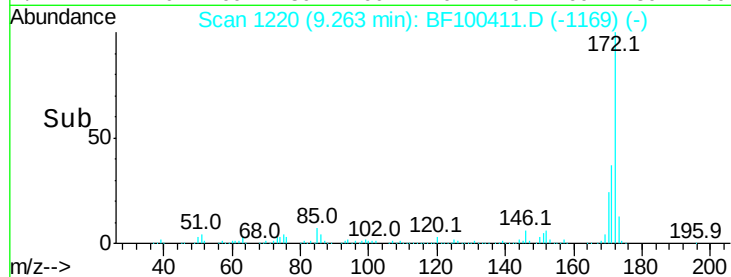
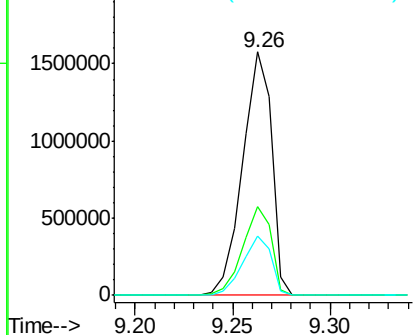
#44  
2-Fluorobiphenyl  
Concen: 90.042 ng  
RT: 9.26 min Scan# 1220  
Delta R.T. -0.00 min  
Lab File: BF100411.D  
Acq: 11 Nov 2017 00:46

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:172 Resp: 1630978  
Ion Ratio Lower Upper  
172 100  
171 36.6 29.7 44.5  
170 24.3 19.6 29.4

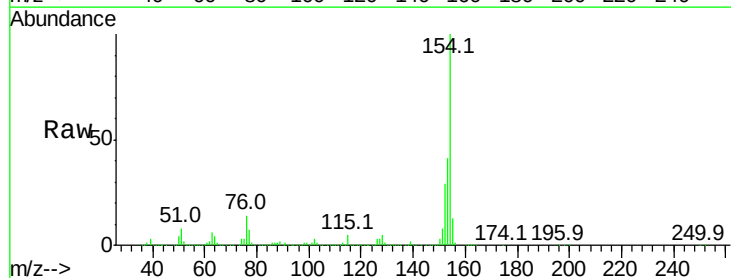


Abundance Ion 172.00 (171.70 to 172.70): E  
Ion 171.00 (170.70 to 171.70): E  
Ion 170.00 (169.70 to 170.70): E

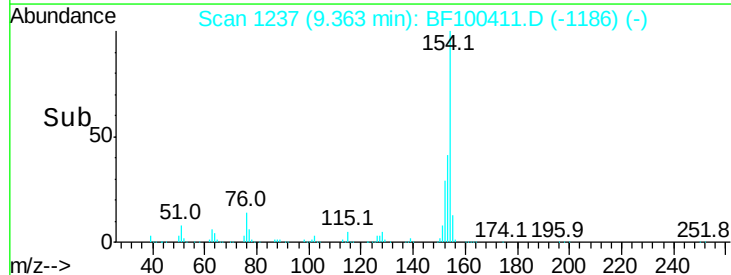
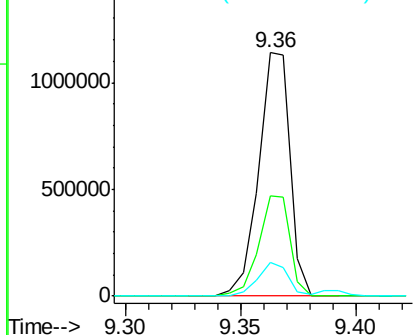


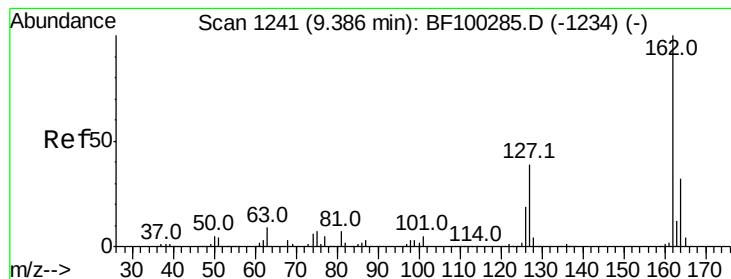
#45  
1,1'-Biphenyl  
Concen: 45.415 ng  
RT: 9.36 min Scan# 1237  
Delta R.T. -0.00 min  
Lab File: BF100411.D  
Acq: 11 Nov 2017 00:46

Tgt Ion:154 Resp: 1083379  
Ion Ratio Lower Upper  
154 100  
153 41.0 21.3 61.3  
76 14.1 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: 48.161 ng

RT: 9.39 min Scan# 1242

Delta R.T. 0.01 min

Lab File: BF100411.D

Acq: 11 Nov 2017 00:46

Instrument :

BNA\_F

ClientSampleId :

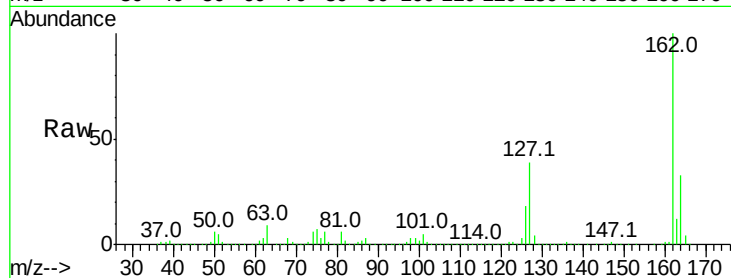
Tot Ion:162 Resp: 833482

Ion Ratio Lower Upper

162 100

127 39.3 33.9 50.9

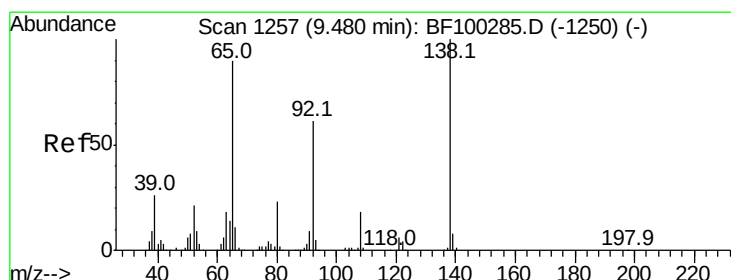
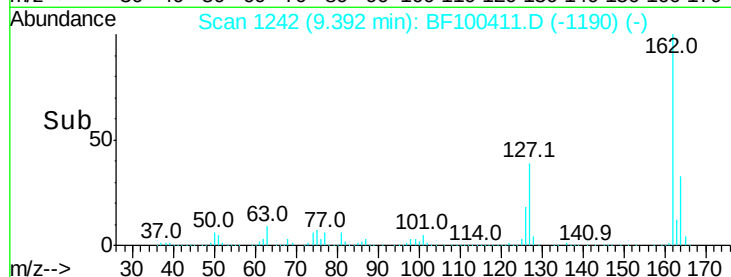
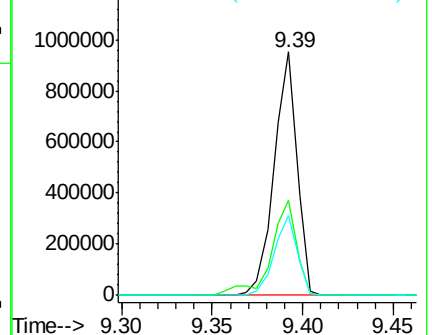
164 32.9 26.5 39.7



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: 54.636 ng

RT: 9.49 min Scan# 1258

Delta R.T. 0.01 min

Lab File: BF100411.D

Acq: 11 Nov 2017 00:46

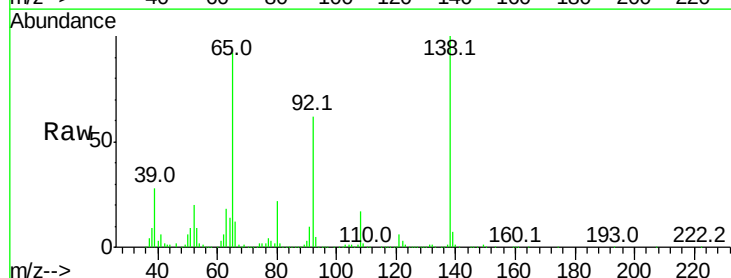
Tgt Ion: 65 Resp: 281480

Ion Ratio Lower Upper

65 100

92 67.8 55.8 83.6

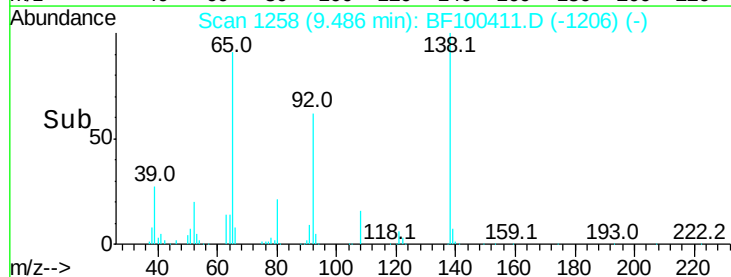
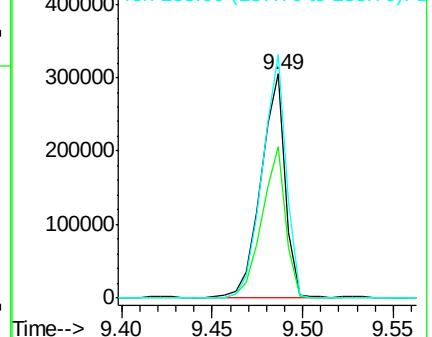
138 108.7 91.2 136.8

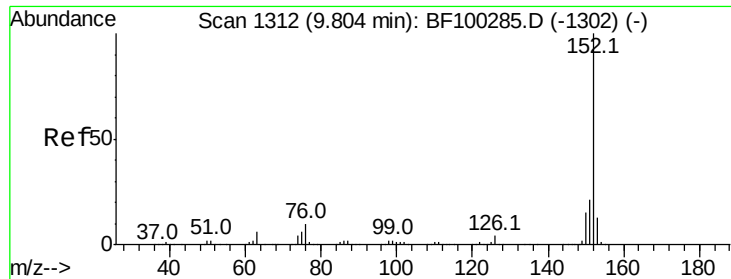


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#48

Acenaphthylene

Concen: 43.018 ng

RT: 9.81 min Scan# 1313

Delta R.T. 0.01 min

Lab File: BF100411.D

Acq: 11 Nov 2017 00:46

Instrument :  
BNA\_F  
ClientSampleId :

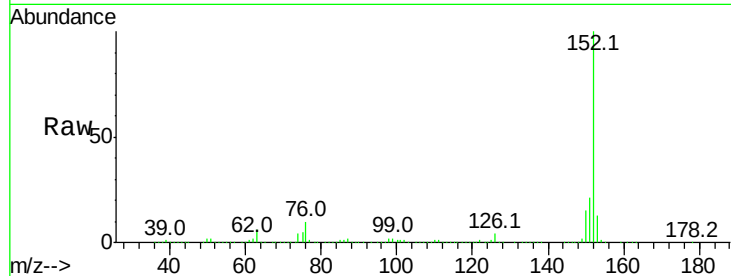
Tot Ion:152 Resp: 1233756

Ion Ratio Lower Upper

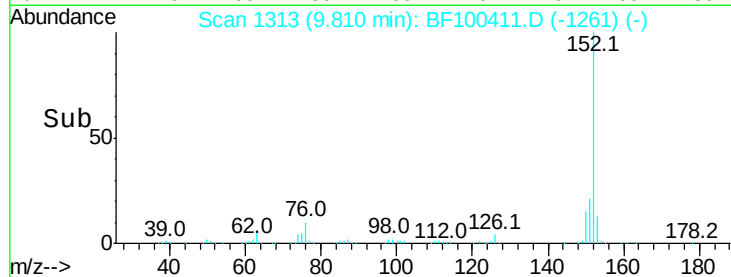
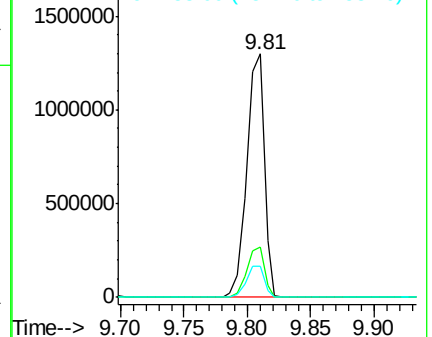
152 100

151 20.8 16.3 24.5

153 12.9 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: 50.085 ng

RT: 9.66 min Scan# 1288

Delta R.T. -0.00 min

Lab File: BF100411.D

Acq: 11 Nov 2017 00:46

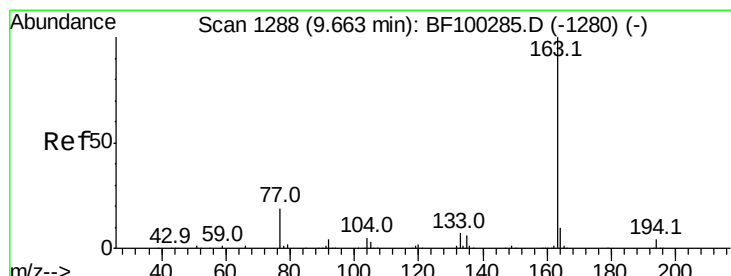
Tgt Ion:163 Resp: 1054741

Ion Ratio Lower Upper

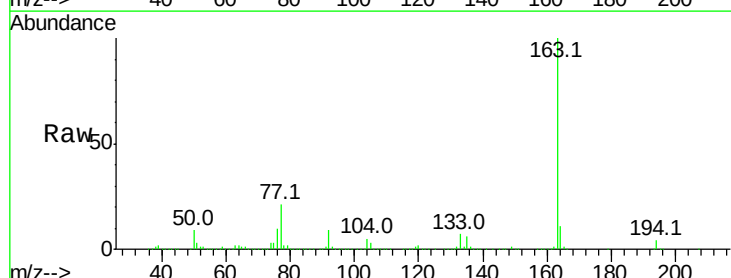
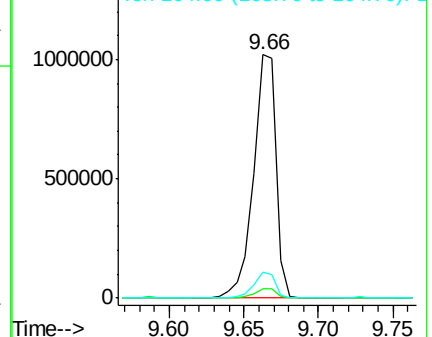
163 100

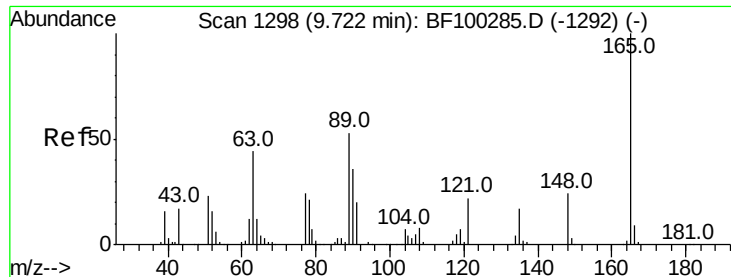
194 3.7 2.7 4.1

164 10.6 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: 51.102 ng

RT: 9.73 min Scan# 1299

Delta R.T. 0.01 min

Lab File: BF100411.D

Acq: 11 Nov 2017 00:46

Instrument :

BNA\_F

ClientSampleId :

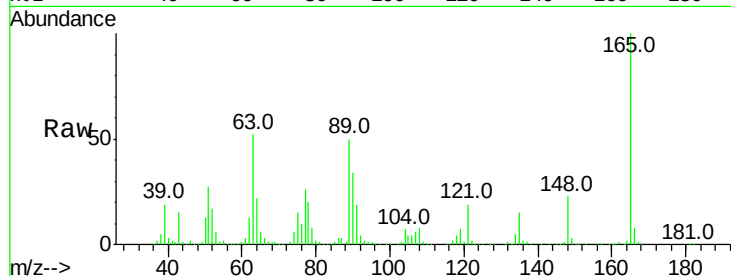
Tot Ion:165 Resp: 213017

Ion Ratio Lower Upper

165 100

63 52.0 44.7 67.1

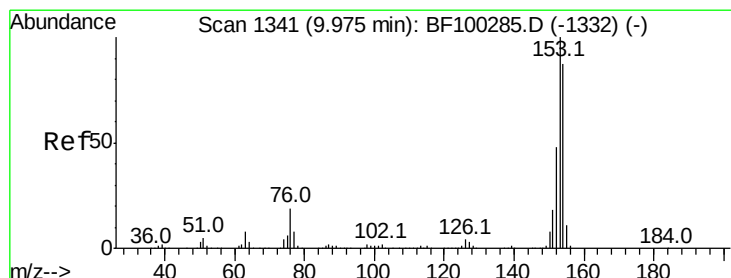
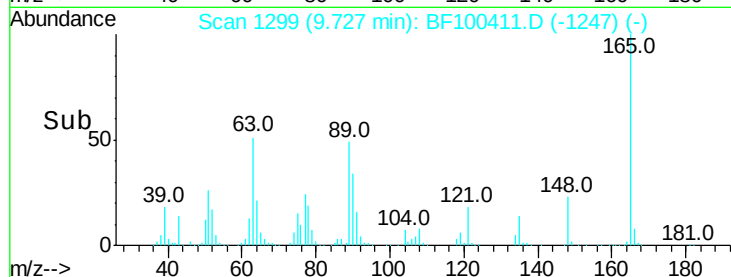
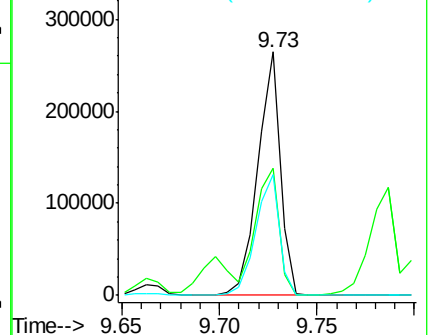
89 49.6 44.0 66.0



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#51

Acenaphthene

Concen: 42.122 ng

RT: 9.98 min Scan# 1342

Delta R.T. 0.01 min

Lab File: BF100411.D

Acq: 11 Nov 2017 00:46

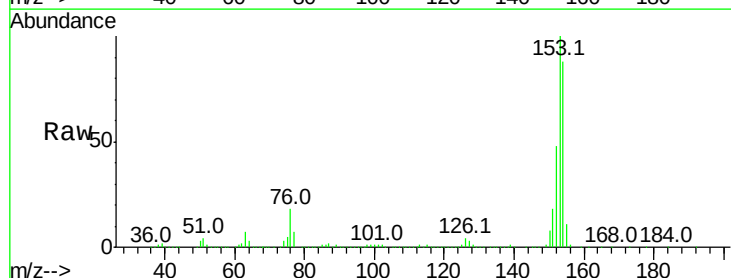
Tgt Ion:154 Resp: 734724

Ion Ratio Lower Upper

154 100

153 114.1 91.2 136.8

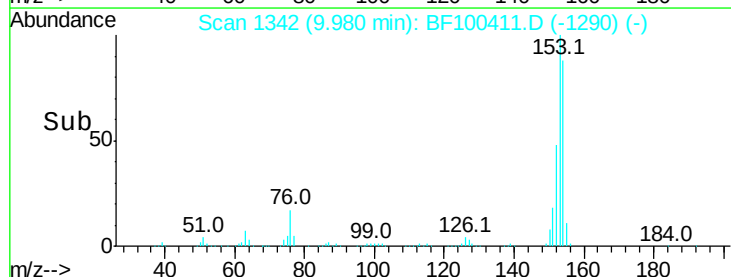
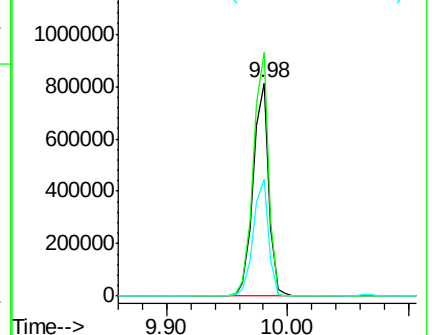
152 54.8 43.8 65.8

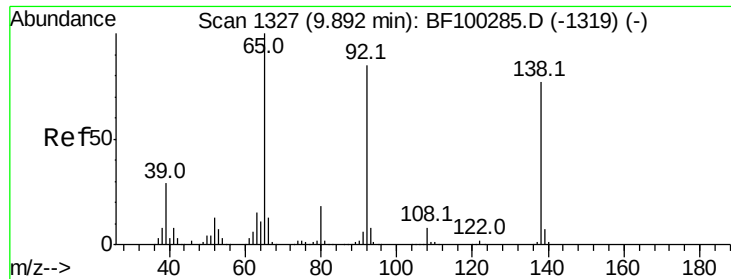


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#52

3-Nitroaniline

Concen: 34.637 ng

RT: 9.89 min Scan# 1327

Delta R.T. -0.00 min

Lab File: BF100411.D

Acq: 11 Nov 2017 00:46

Instrument :

BNA\_F

ClientSampleId :

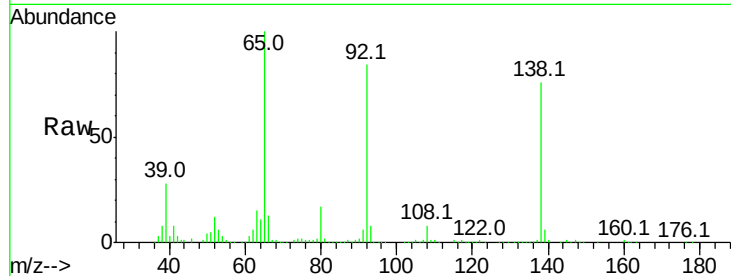
Tot Ion:138 Resp: 170494

Ion Ratio Lower Upper

138 100

108 10.1 9.4 14.0

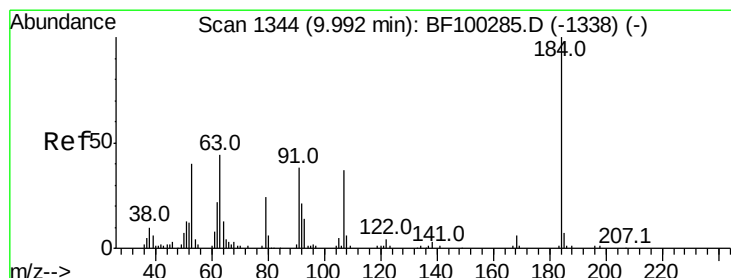
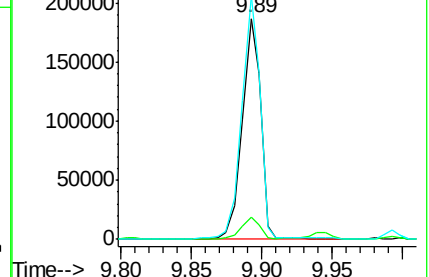
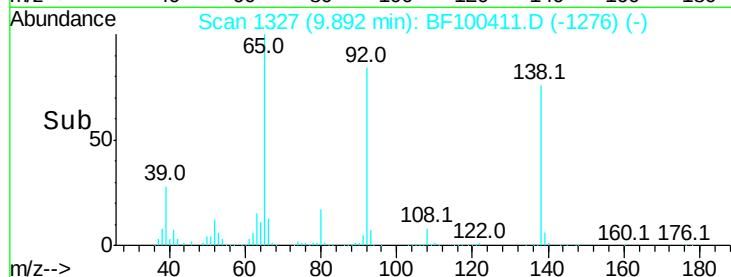
92 110.1 89.4 134.2



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: 23.137 ng

RT: 9.99 min Scan# 1344

Delta R.T. -0.00 min

Lab File: BF100411.D

Acq: 11 Nov 2017 00:46

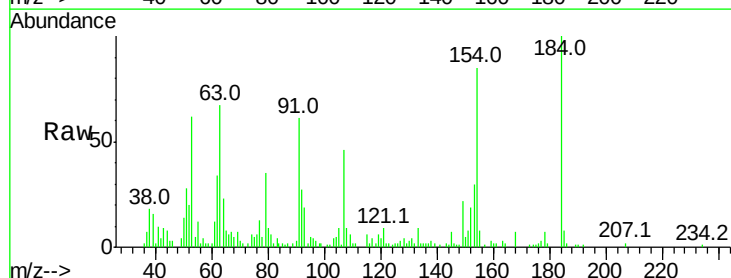
Tgt Ion:184 Resp: 22365

Ion Ratio Lower Upper

184 100

63 67.4 54.2 81.2

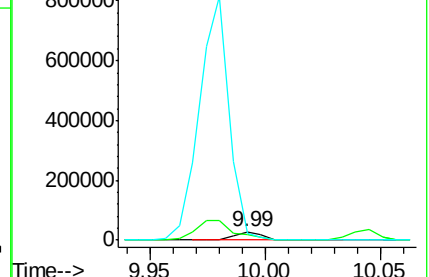
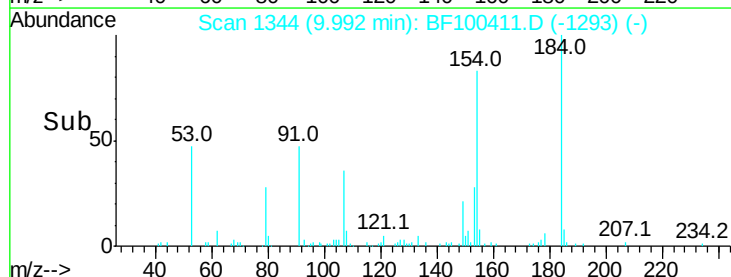
154 84.7 184.0 276.0#

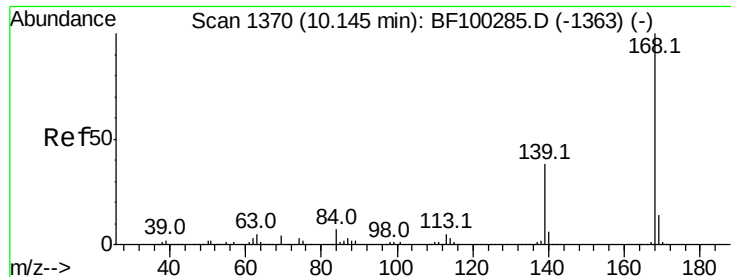


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

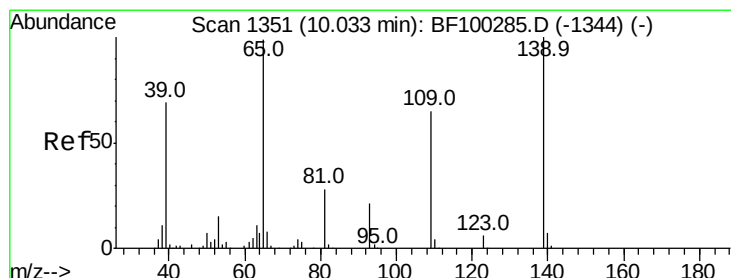
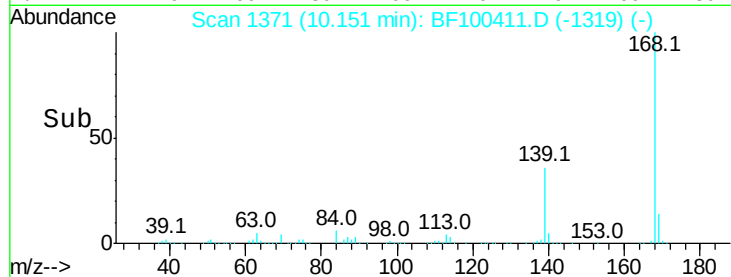
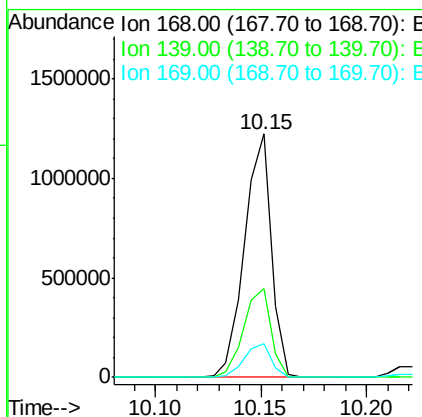
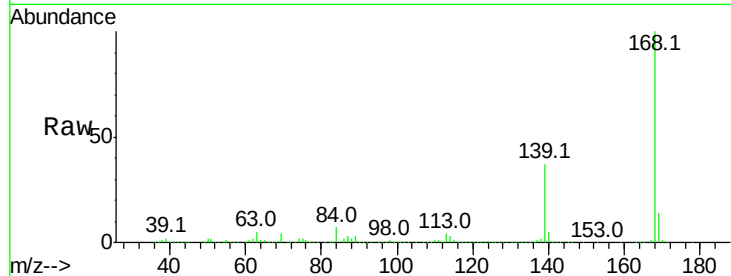




#54  
 Dibenzofuran  
 Concen: 44.139 ng  
 RT: 10.15 min Scan# 1371  
 Delta R.T. 0.01 min  
 Lab File: BF100411.D  
 Acq: 11 Nov 2017 00:46

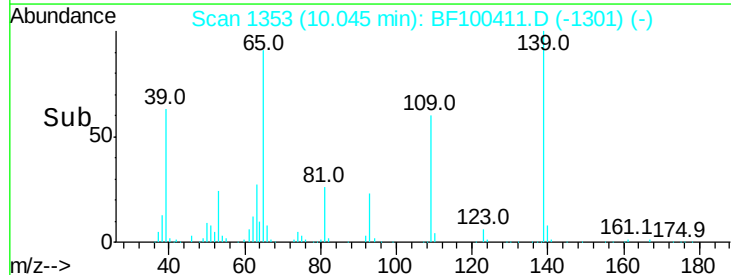
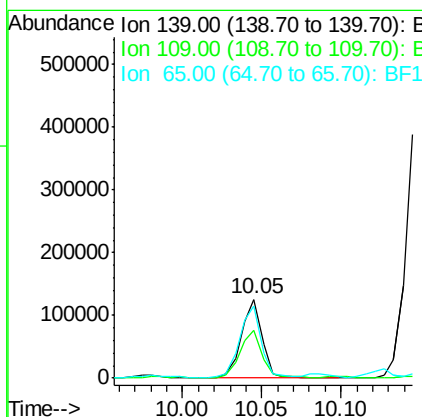
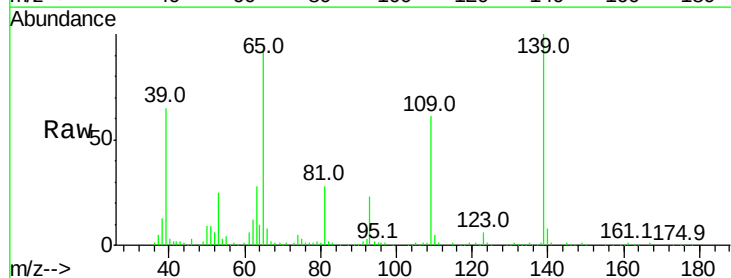
Instrument :  
 BNA\_F  
 ClientSampleId :

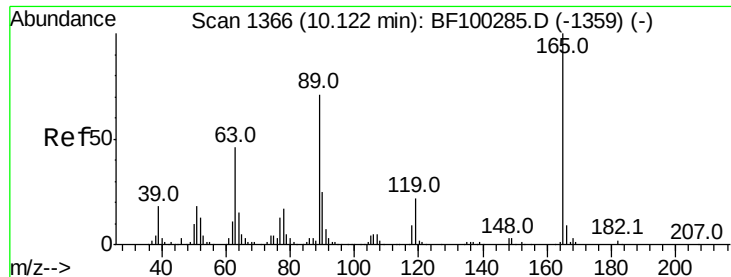
Tot Ion:168 Resp: 1079063  
 Ion Ratio Lower Upper  
 168 100  
 139 36.5 30.1 45.1  
 169 13.9 10.9 16.3



#55  
 4-Nitrophenol  
 Concen: 28.284 ng  
 RT: 10.05 min Scan# 1353  
 Delta R.T. 0.01 min  
 Lab File: BF100411.D  
 Acq: 11 Nov 2017 00:46

Tgt Ion:139 Resp: 113047  
 Ion Ratio Lower Upper  
 139 100  
 109 61.3 48.4 88.4  
 65 91.9 72.6 112.6

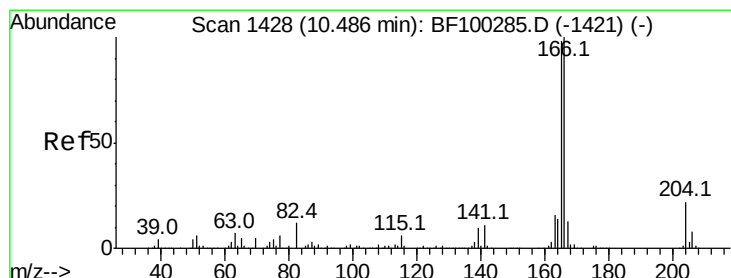
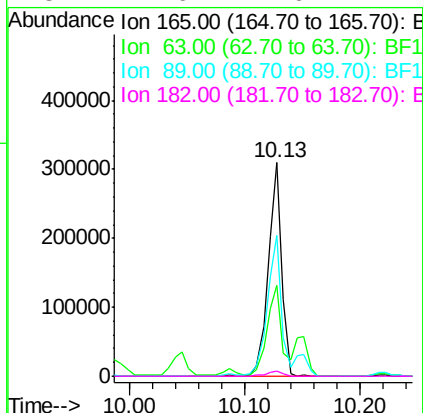
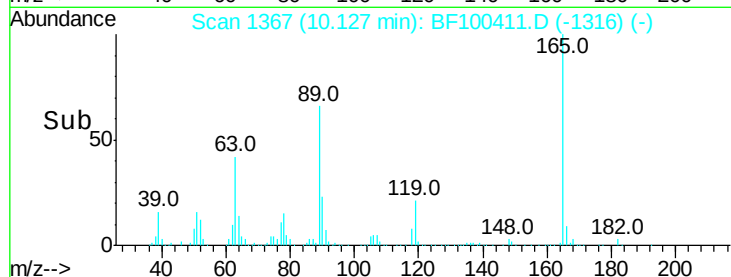
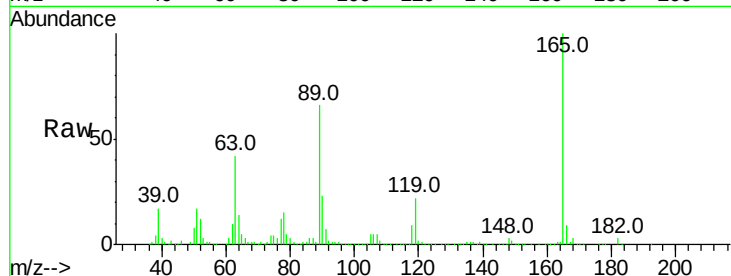




#56  
 2,4-Dinitrotoluene  
 Concen: 48.797 ng  
 RT: 10.13 min Scan# 1367  
 Delta R.T. -0.00 min  
 Lab File: BF100411.D  
 Acq: 11 Nov 2017 00:46

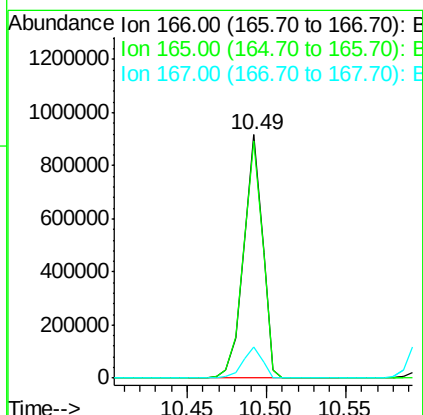
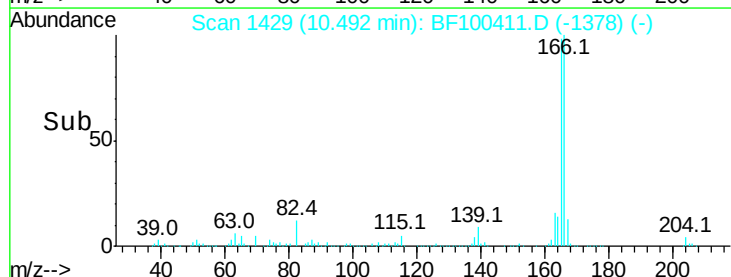
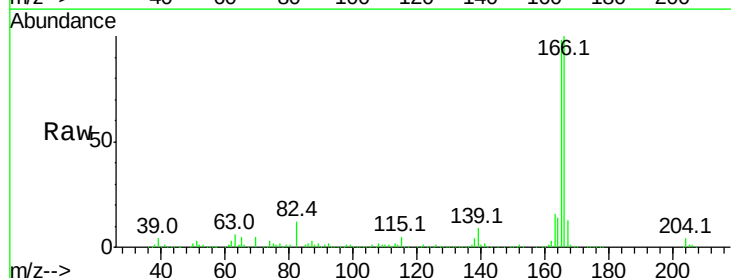
Instrument :  
 BNA\_F  
 ClientSampled :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 42.4  | 36.4  | 54.6  |
| 89      | 66.1  | 57.8  | 86.6  |
| 182     | 2.6   | 1.6   | 2.4   |

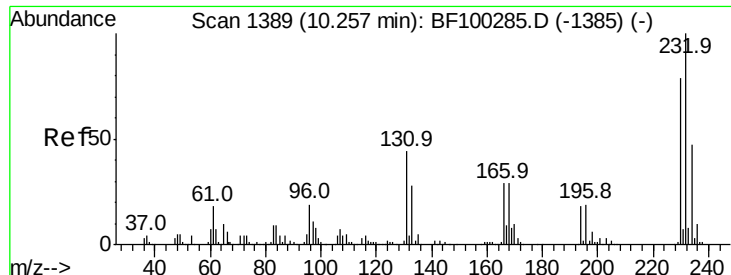


#57  
 Fluorene  
 Concen: 42.156 ng  
 RT: 10.49 min Scan# 1429  
 Delta R.T. -0.00 min  
 Lab File: BF100411.D  
 Acq: 11 Nov 2017 00:46

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 166     | 100   |       |       |
| 165     | 97.5  | 79.8  | 119.8 |
| 167     | 13.0  | 10.6  | 16.0  |



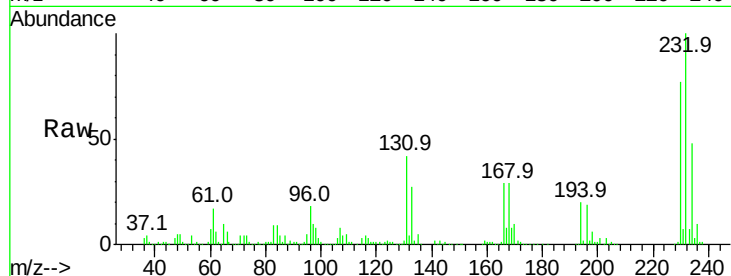




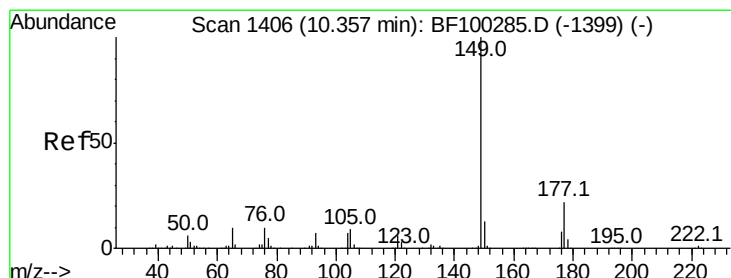
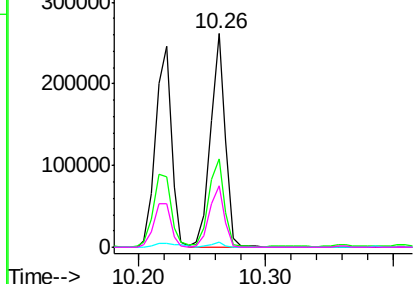
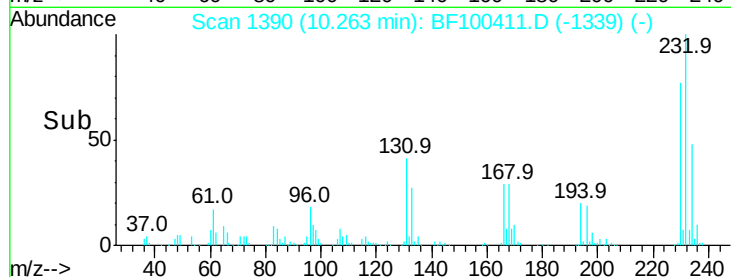
#58  
 2,3,4,6-Tetrachlorophenol  
 Concen: 43.862 ng  
 RT: 10.26 min Scan# 1390  
 Delta R.T. -0.00 min  
 Lab File: BF100411.D  
 Acq: 11 Nov 2017 00:46

Instrument :  
 BNA\_F  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 232     | 100   |       |       |
| 131     | 43.1  | 43.8  | 65.8# |
| 130     | 2.3   | 2.1   | 3.1   |
| 166     | 28.7  | 27.8  | 41.6  |

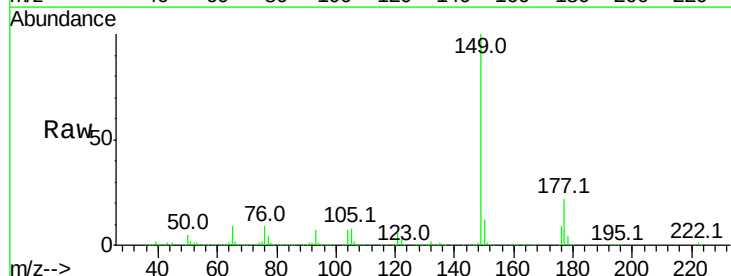


Abundance Ion 232.00 (231.70 to 232.70): E  
 Ion 131.00 (130.70 to 131.70): E  
 Ion 130.00 (129.70 to 130.70): E  
 Ion 166.00 (165.70 to 166.70): E

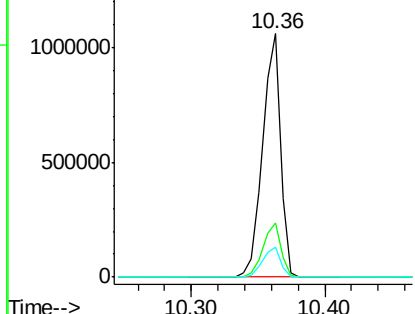
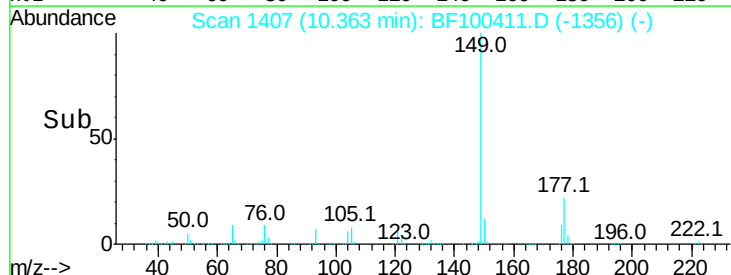


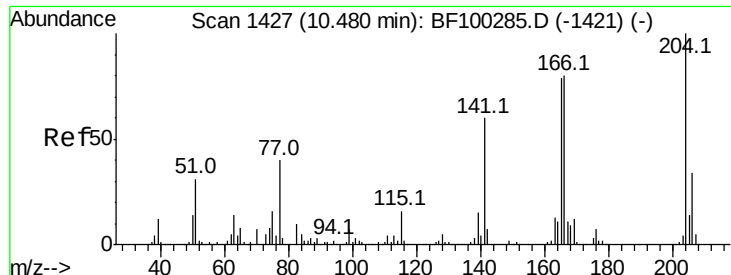
#59  
 Diethylphthalate  
 Concen: 46.361 ng  
 RT: 10.36 min Scan# 1407  
 Delta R.T. -0.00 min  
 Lab File: BF100411.D  
 Acq: 11 Nov 2017 00:46

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 22.2  | 16.1  | 24.1  |
| 150     | 12.2  | 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

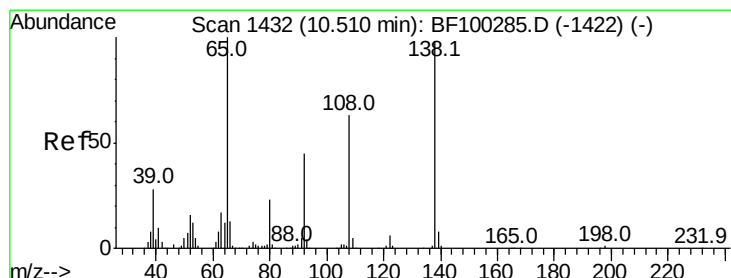
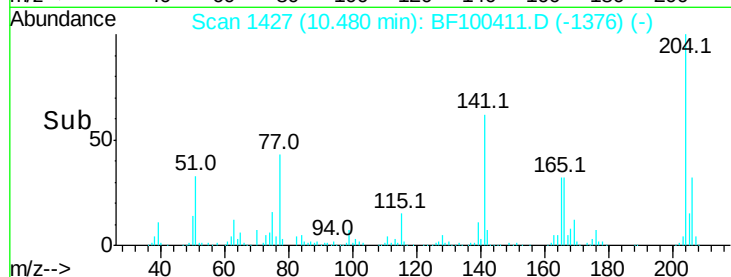
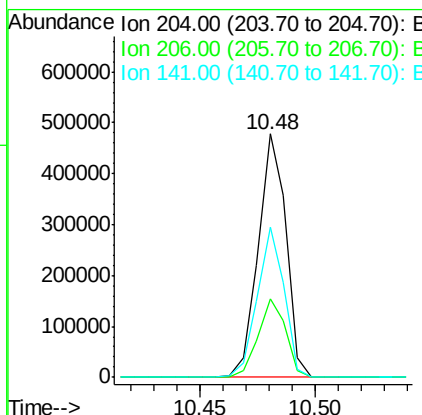
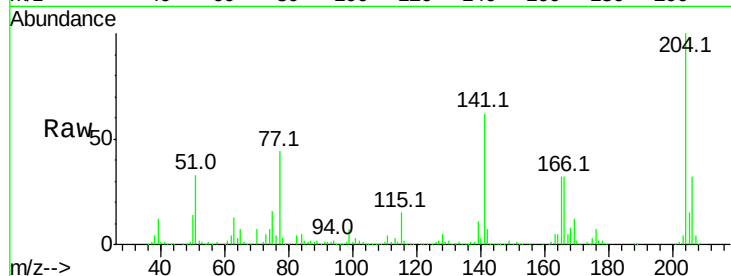




#60  
 4-Chlorophenyl-phenylether  
 Concen: 45.613 ng  
 RT: 10.48 min Scan# 1427  
 Delta R.T. -0.00 min  
 Lab File: BF100411.D  
 Acq: 11 Nov 2017 00:46

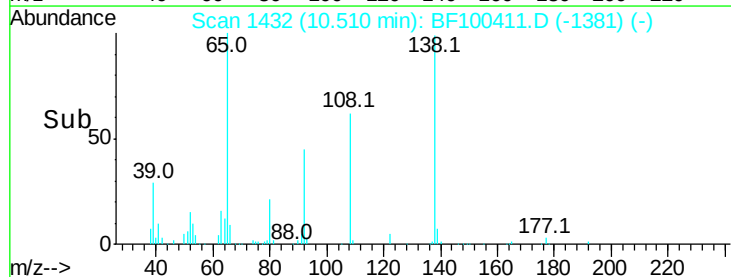
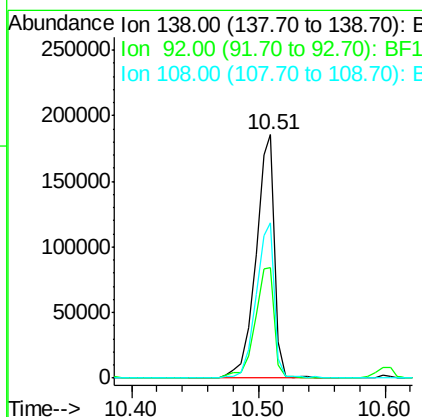
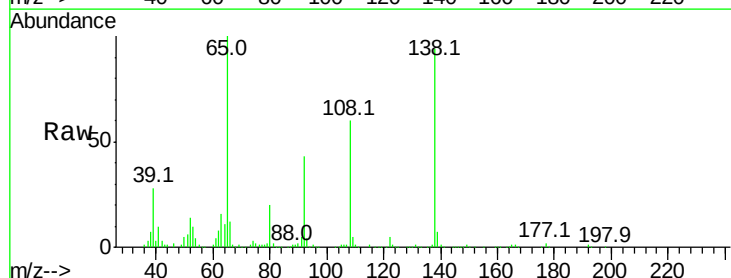
Instrument :  
 BNA\_F  
 ClientSampleId :

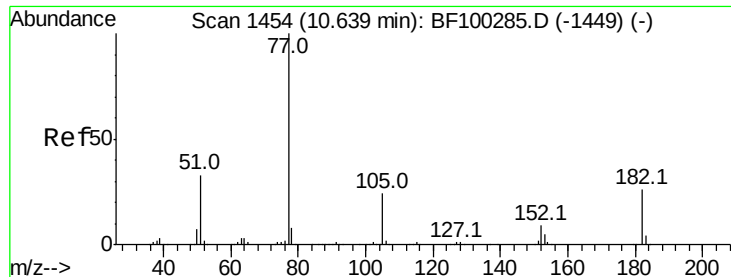
Tot Ion:204 Resp: 400736  
 Ion Ratio Lower Upper  
 204 100  
 206 32.2 26.5 39.7  
 141 61.7 54.6 81.8



#61  
 4-Nitroaniline  
 Concen: 41.036 ng  
 RT: 10.51 min Scan# 1432  
 Delta R.T. -0.00 min  
 Lab File: BF100411.D  
 Acq: 11 Nov 2017 00:46

Tgt Ion:138 Resp: 191535  
 Ion Ratio Lower Upper  
 138 100  
 92 45.5 30.2 70.2  
 108 64.0 52.5 92.5





#62

Azobenzene

Concen: 43.756 ng

RT: 10.65 min Scan# 1455

Delta R.T. 0.01 min

Lab File: BF100411.D

Acq: 11 Nov 2017 00:46

Instrument :

BNA\_F

ClientSampled :

Tot Ion: 77 Resp: 868494

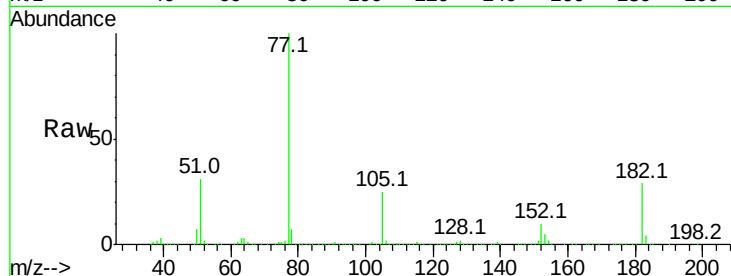
Ion Ratio Lower Upper

77 100

182 28.9 1.7 41.7

105 25.2 3.0 43.0

51 30.7 9.9 49.9

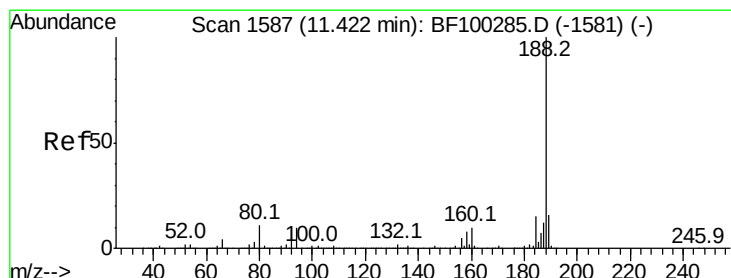
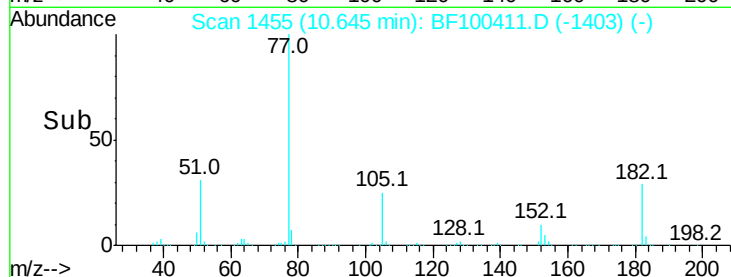
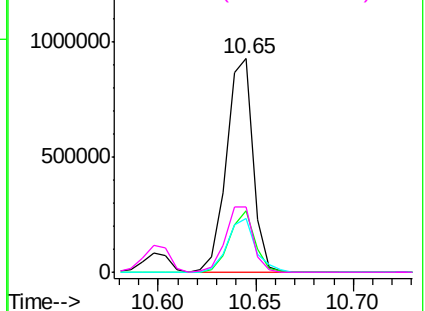


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: BF100411.D

Acq: 11 Nov 2017 00:46

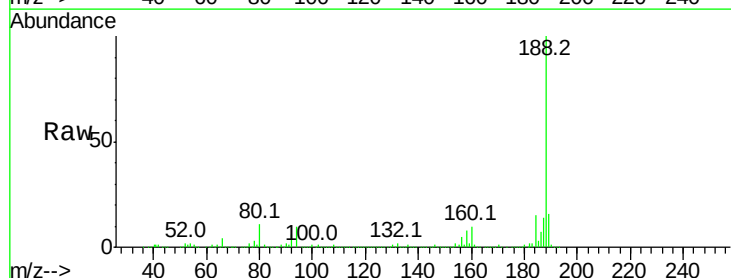
Tgt Ion: 188 Resp: 426277

Ion Ratio Lower Upper

188 100

94 10.3 8.5 12.7

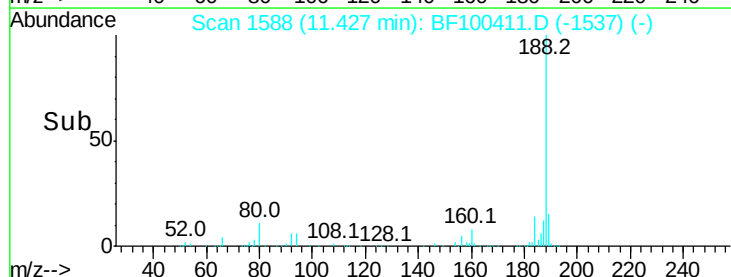
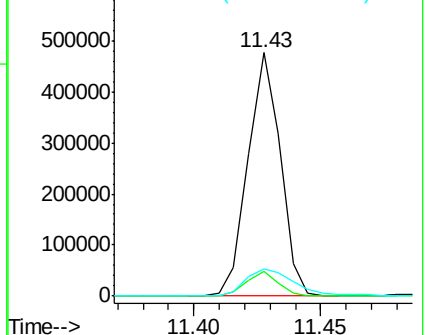
80 11.3 9.2 13.8

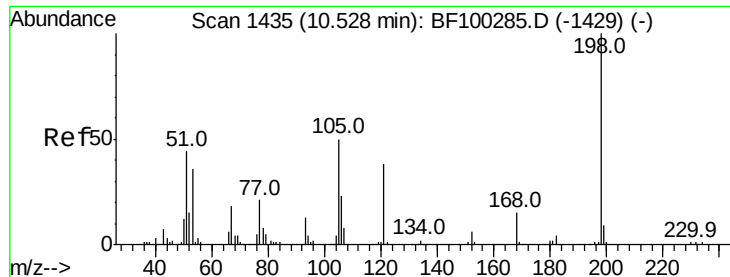


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

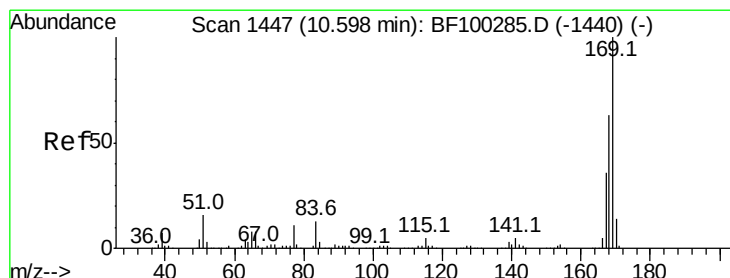
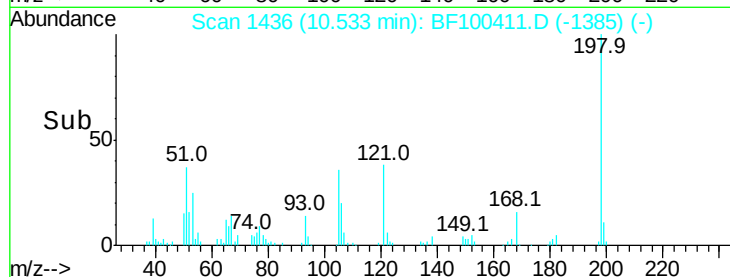
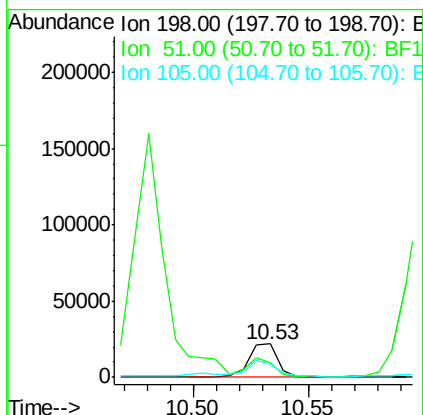
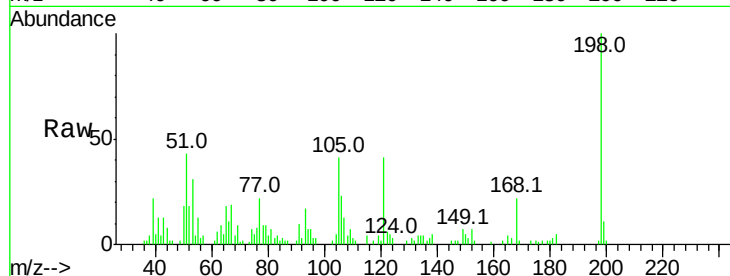




#64  
4,6-Dinitro-2-methylphenol  
Concen: 15.932 ng  
RT: 10.53 min Scan# 1436  
Delta R.T. -0.00 min  
Lab File: BF100411.D  
Acq: 11 Nov 2017 00:46

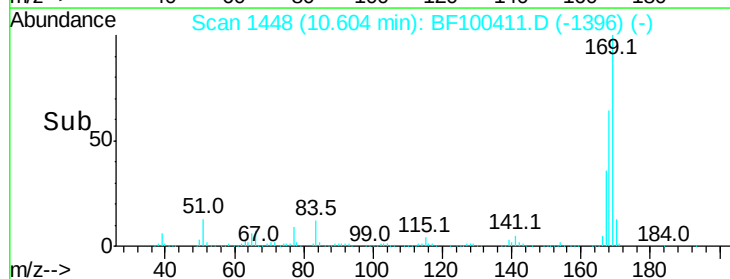
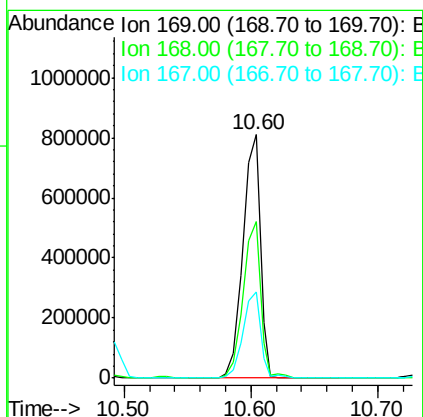
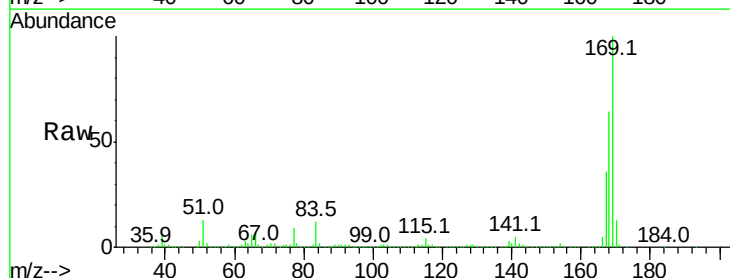
Instrument :  
BNA\_F  
ClientSampleId :

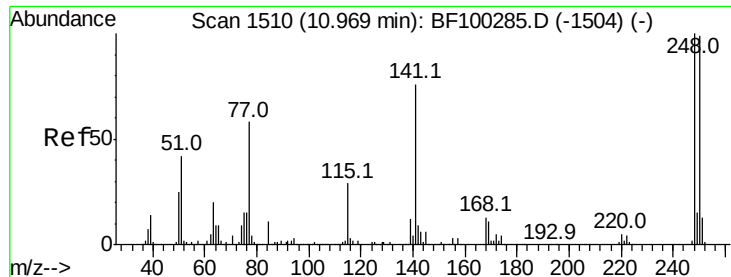
Tot Ion:198 Resp: 19289  
Ion Ratio Lower Upper  
198 100  
51 43.4 37.7 77.7  
105 40.8 36.3 76.3



#65  
n-Nitrosodiphenylamine  
Concen: 51.620 ng  
RT: 10.60 min Scan# 1448  
Delta R.T. 0.01 min  
Lab File: BF100411.D  
Acq: 11 Nov 2017 00:46

Tgt Ion:169 Resp: 765118  
Ion Ratio Lower Upper  
169 100  
168 64.2 54.4 81.6  
167 35.6 29.8 44.6

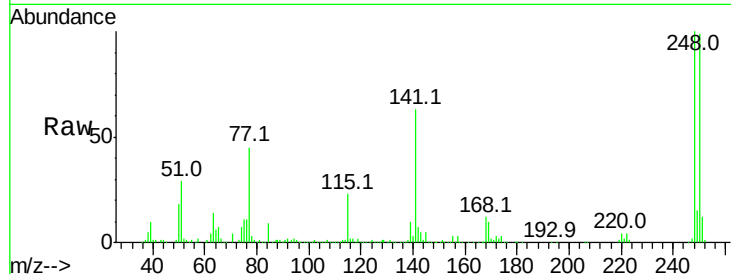




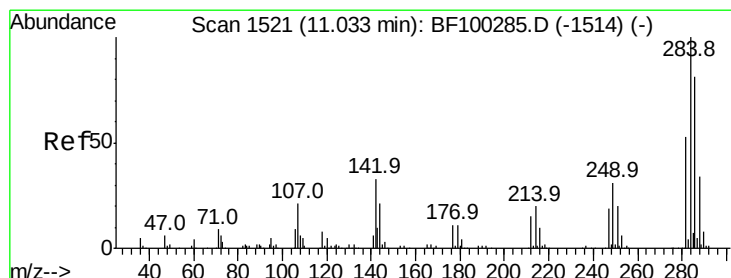
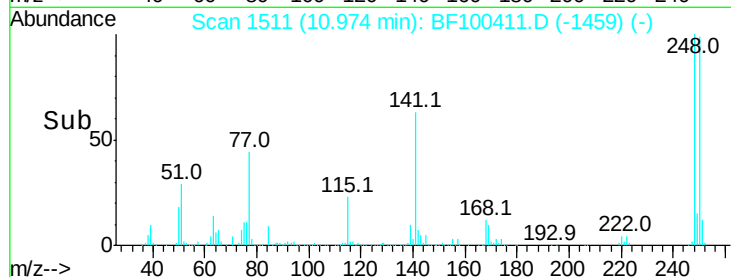
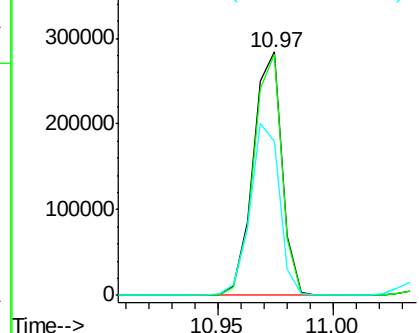
#66  
4-Bromophenyl-phenylether  
Concen: 54.333 ng  
RT: 10.97 min Scan# 1511  
Delta R.T. 0.01 min  
Lab File: BF100411.D  
Acq: 11 Nov 2017 00:46

Instrument :  
BNA\_F  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 248     | 100   |       |        |
| 250     | 98.8  | 76.9  | 115.3  |
| 141     | 63.5  | 74.4  | 111.6# |

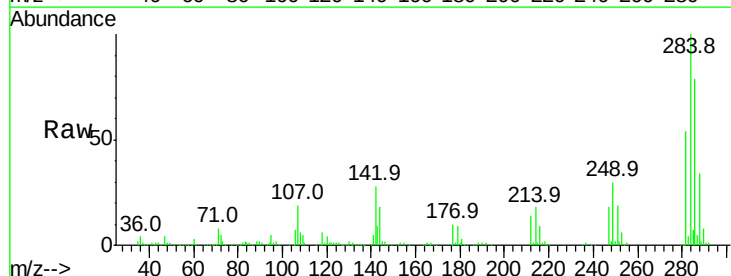


Abundance Ion 248.00 (247.70 to 248.70): E  
Ion 250.00 (249.70 to 250.70): E  
Ion 141.00 (140.70 to 141.70): E

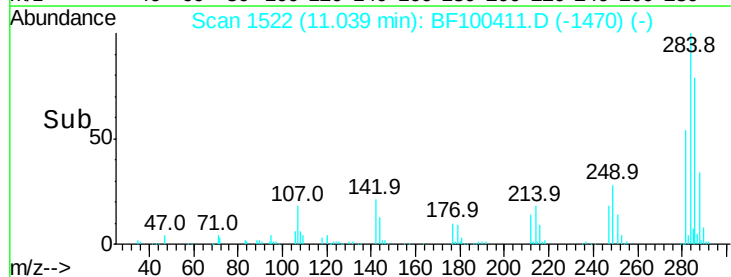
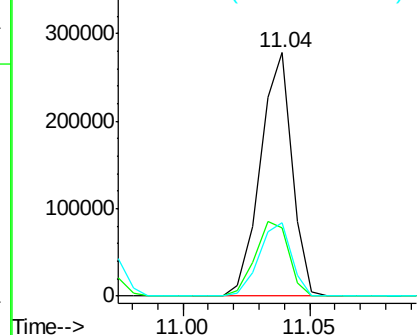


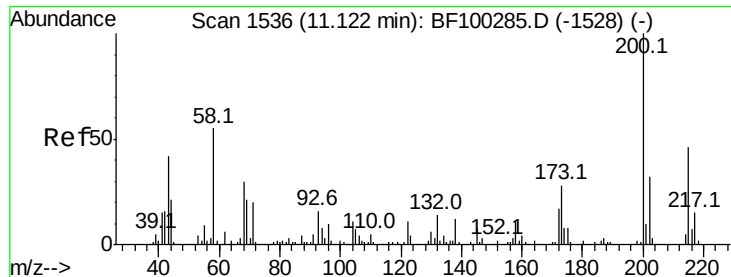
#67  
Hexachlorobenzene  
Concen: 50.757 ng  
RT: 11.04 min Scan# 1522  
Delta R.T. 0.01 min  
Lab File: BF100411.D  
Acq: 11 Nov 2017 00:46

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 28.0  | 34.6  | 52.0# |
| 249     | 30.0  | 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

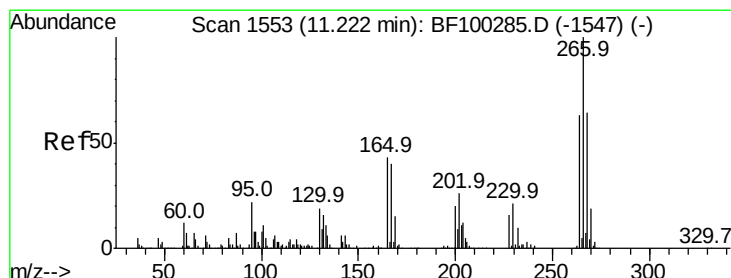
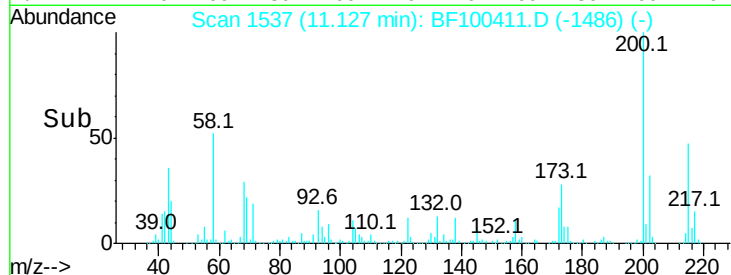
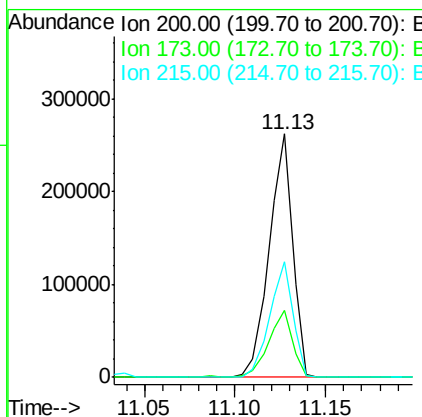
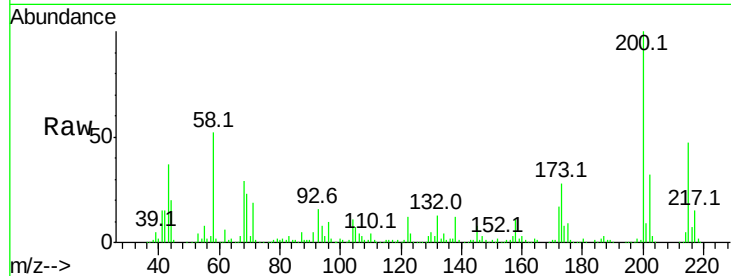




#68  
Atrazine  
Concen: 52.454 ng  
RT: 11.13 min Scan# 1537  
Delta R.T. -0.00 min  
Lab File: BF100411.D  
Acq: 11 Nov 2017 00:46

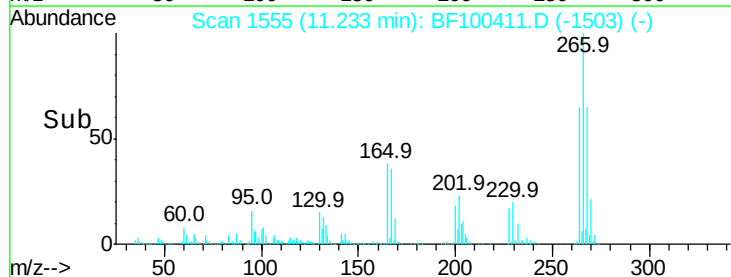
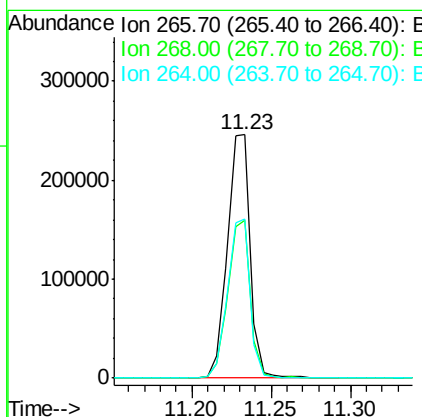
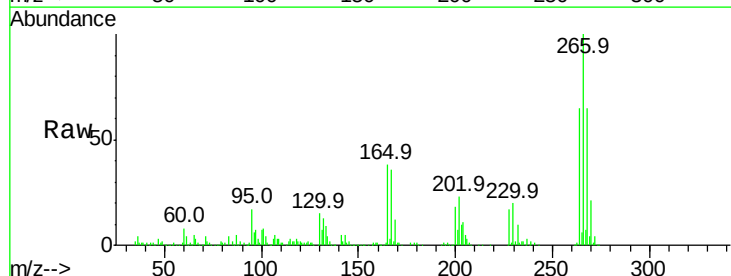
Instrument :  
BNA\_F  
ClientSampleId :

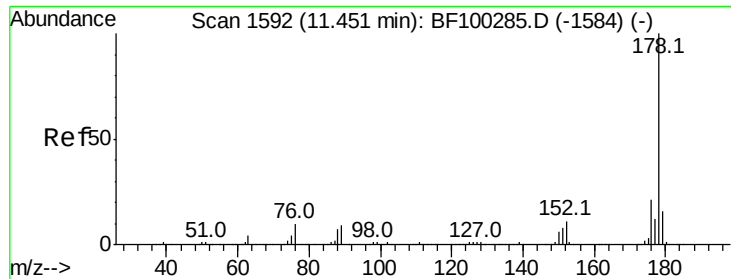
Tot Ion:200 Resp: 235347  
Ion Ratio Lower Upper  
200 100  
173 27.5 8.6 48.6  
215 47.4 25.1 65.1



#69  
Pentachlorophenol  
Concen: 71.786 ng  
RT: 11.23 min Scan# 1555  
Delta R.T. 0.01 min  
Lab File: BF100411.D  
Acq: 11 Nov 2017 00:46

Tgt Ion:266 Resp: 246011  
Ion Ratio Lower Upper  
266 100  
268 65.0 51.1 76.7  
264 65.2 49.5 74.3

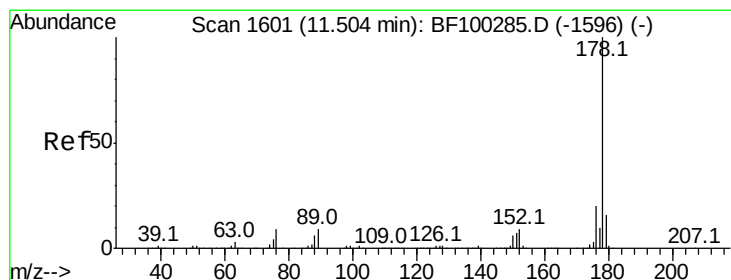
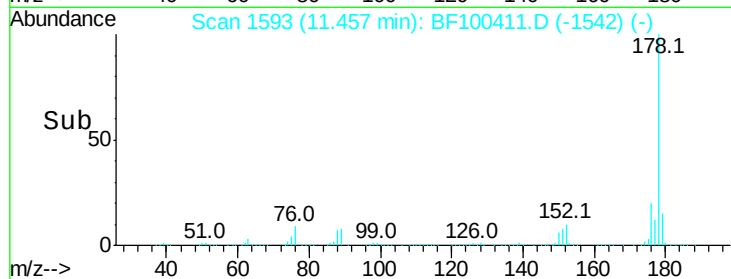
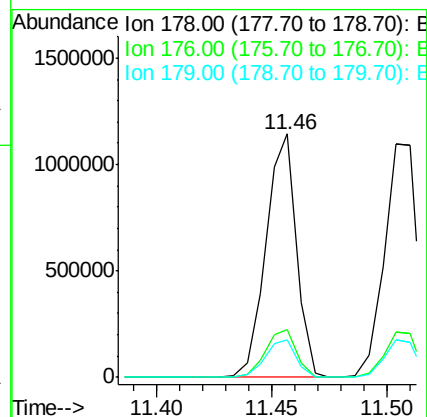
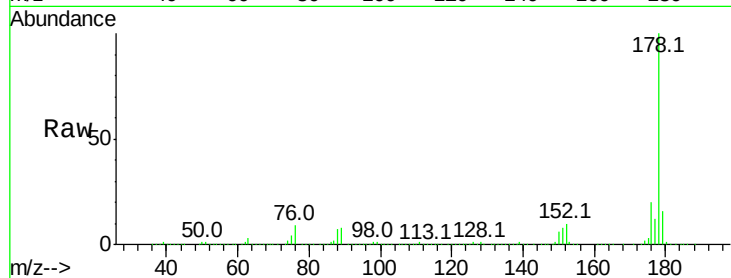




#70  
Phenanthrene  
Concen: 46.675 ng  
RT: 11.46 min Scan# 1593  
Delta R.T. -0.00 min  
Lab File: BF100411.D  
Acq: 11 Nov 2017 00:46

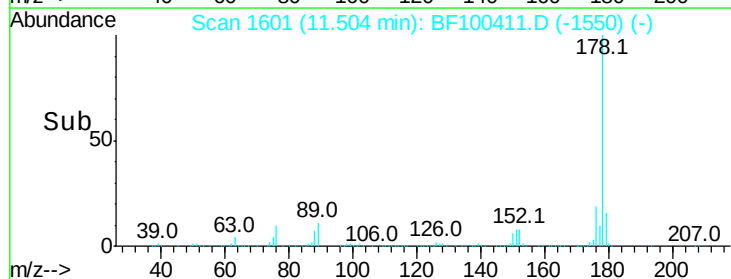
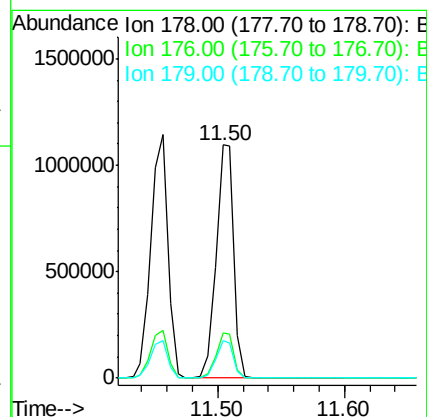
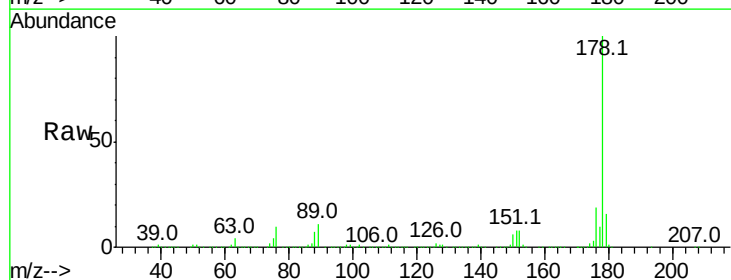
Instrument :  
BNA\_F  
ClientSampled :

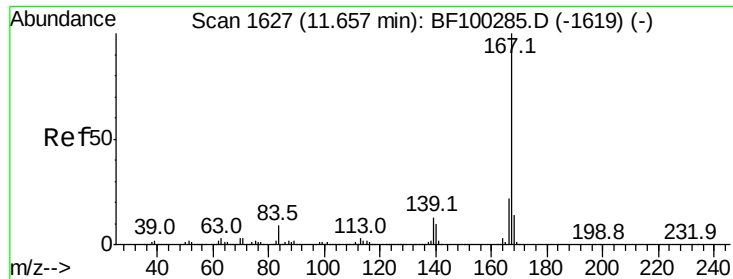
Tot Ion:178 Resp: 1047578  
Ion Ratio Lower Upper  
178 100  
176 19.7 15.8 23.8  
179 15.7 13.0 19.6



#71  
Anthracene  
Concen: 47.122 ng  
RT: 11.50 min Scan# 1601  
Delta R.T. -0.00 min  
Lab File: BF100411.D  
Acq: 11 Nov 2017 00:46

Tgt Ion:178 Resp: 1073002  
Ion Ratio Lower Upper  
178 100  
176 19.3 15.4 23.2  
179 16.1 12.6 19.0

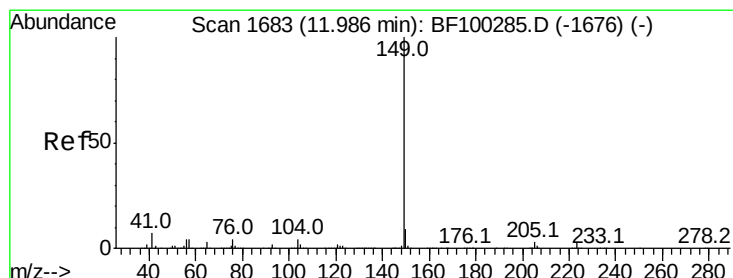
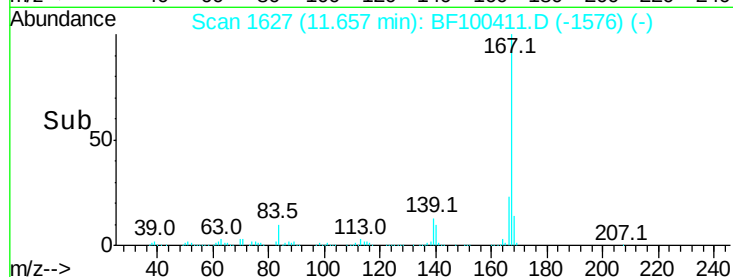
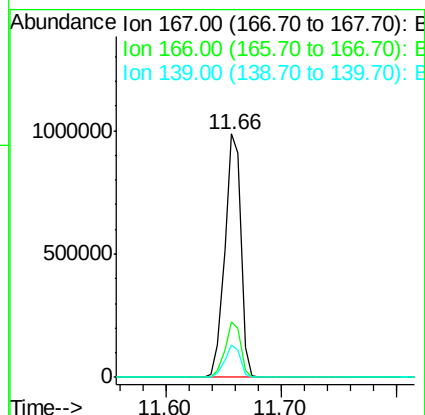
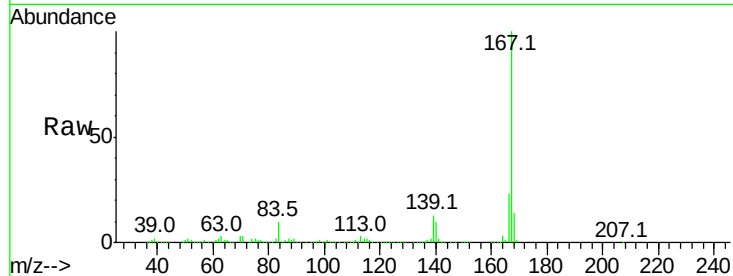




#72  
 Carbazole  
 Concen: 45.296 ng  
 RT: 11.66 min Scan# 1627  
 Delta R.T. -0.00 min  
 Lab File: BF100411.D  
 Acq: 11 Nov 2017 00:46

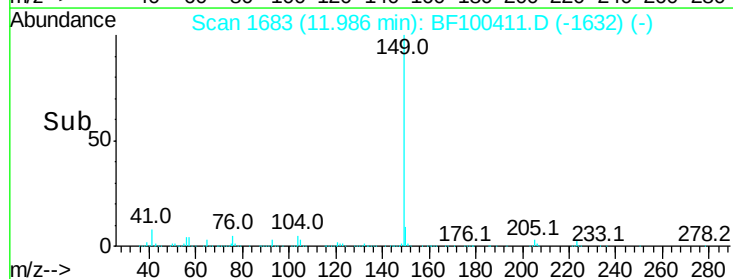
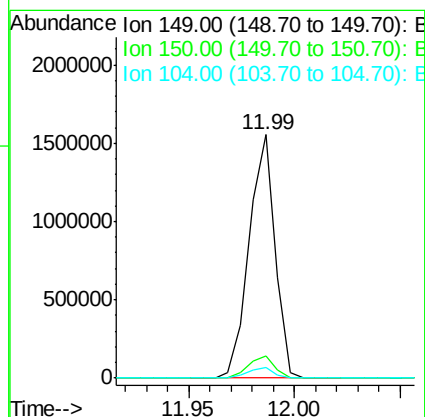
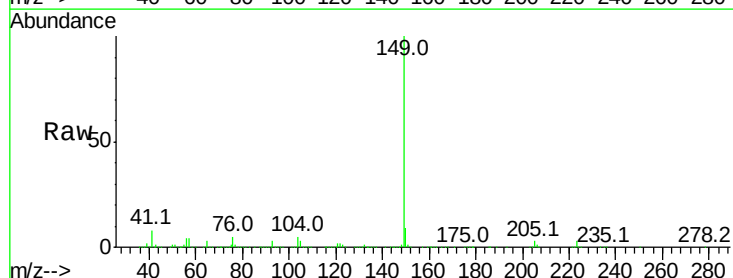
Instrument :  
 BNA\_F  
 ClientSampleId :

Tot Ion:167 Resp: 951700  
 Ion Ratio Lower Upper  
 167 100  
 166 22.7 17.6 26.4  
 139 13.4 10.9 16.3

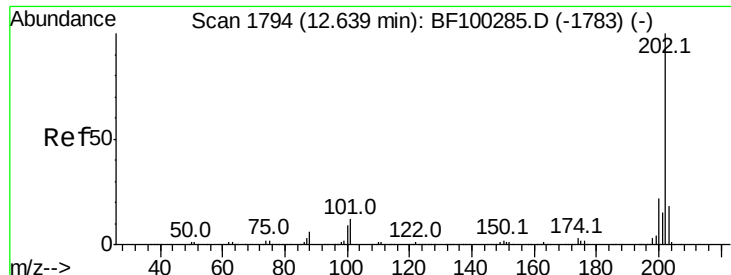


#73  
 Di-n-butylphthalate  
 Concen: 53.691 ng  
 RT: 11.99 min Scan# 1683  
 Delta R.T. -0.00 min  
 Lab File: BF100411.D  
 Acq: 11 Nov 2017 00:46

Tgt Ion:149 Resp: 1320126  
 Ion Ratio Lower Upper  
 149 100  
 150 9.1 7.8 11.6  
 104 4.5 3.8 5.8



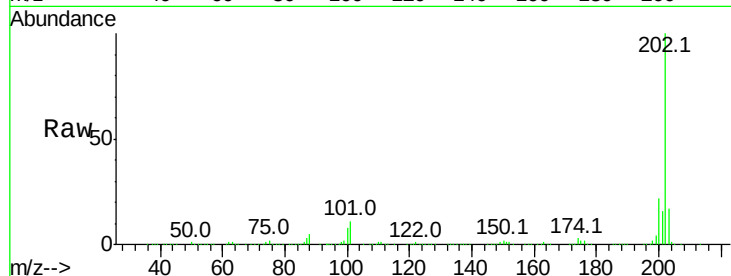




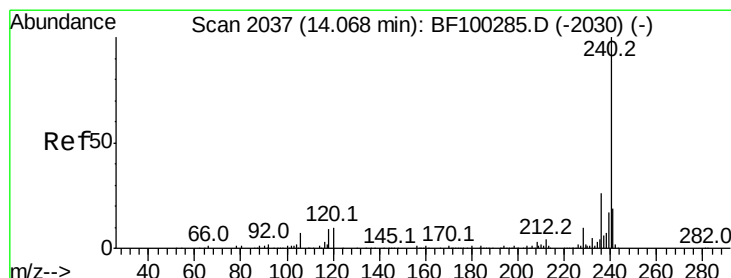
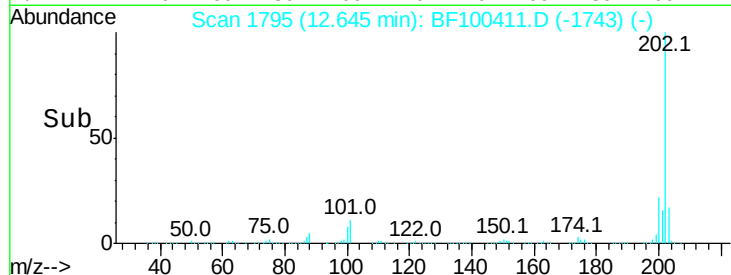
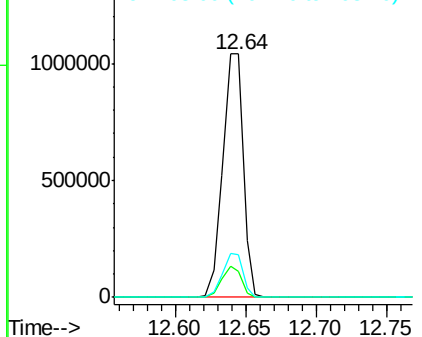
#74  
Fluoranthene  
Concen: 44.395 ng  
RT: 12.64 min Scan# 1795  
Delta R.T. 0.01 min  
Lab File: BF100411.D  
Acq: 11 Nov 2017 00:46

Instrument :  
BNA\_F  
ClientSampled :

Tot Ion:202 Resp: 1055995  
Ion Ratio Lower Upper  
202 100  
101 10.8 0.0 34.1  
203 17.4 0.0 38.1

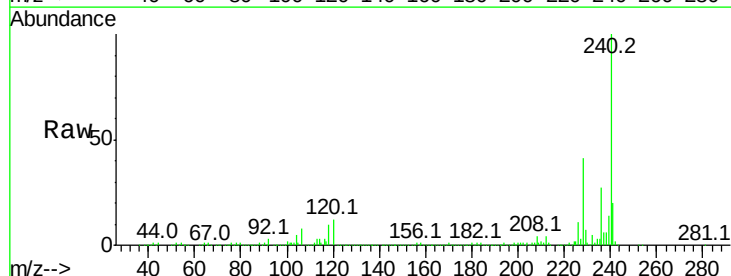


Abundance Ion 202.00 (201.70 to 202.70): E  
Ion 101.00 (100.70 to 101.70): E  
Ion 203.00 (202.70 to 203.70): E

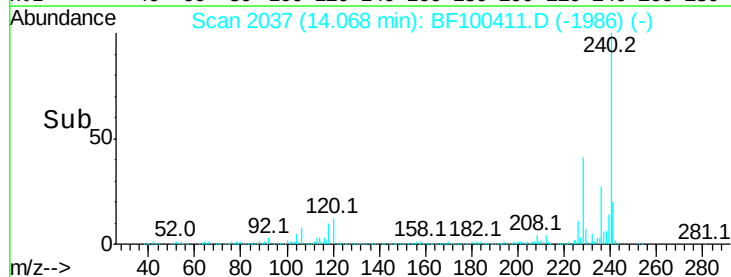
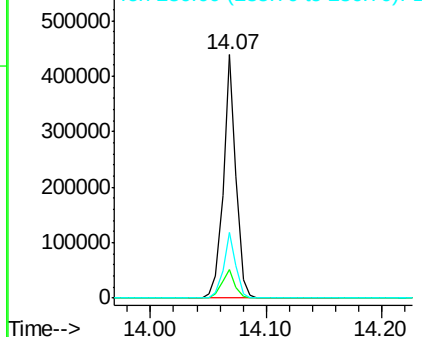


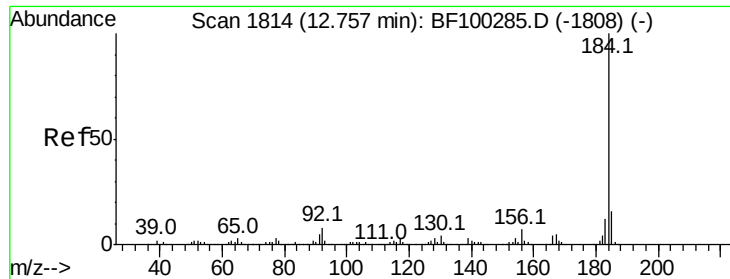
#75  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.07 min Scan# 2037  
Delta R.T. -0.00 min  
Lab File: BF100411.D  
Acq: 11 Nov 2017 00:46

Tgt Ion:240 Resp: 330092  
Ion Ratio Lower Upper  
240 100  
120 11.6 9.5 14.3  
236 26.8 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

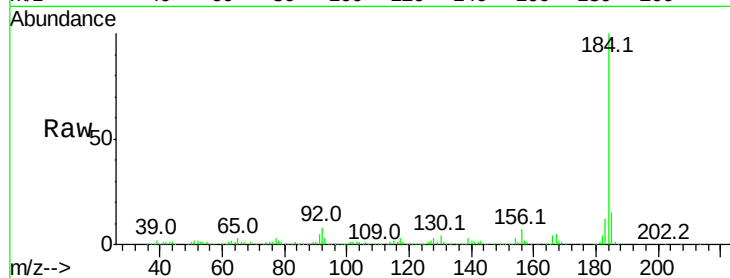




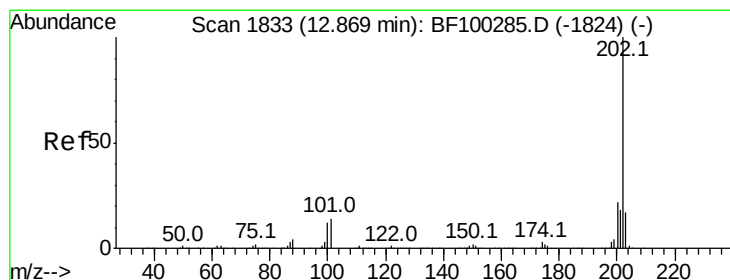
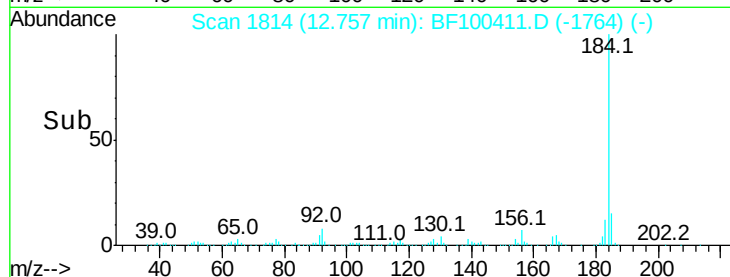
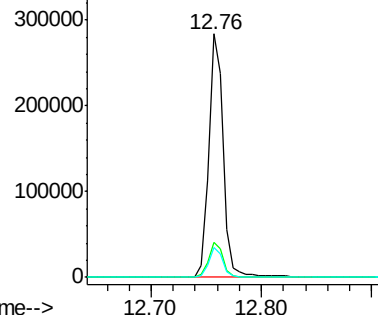
#76  
Benzidine  
Concen: 19.848 ng  
RT: 12.76 min Scan# 1814  
Delta R.T. -0.01 min  
Lab File: BF100411.D  
Acq: 11 Nov 2017 00:46

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:184 Resp: 262386  
Ion Ratio Lower Upper  
184 100  
185 14.6 12.6 18.8  
183 12.4 9.3 13.9

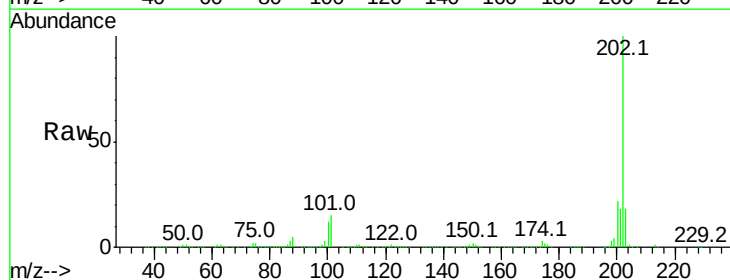


Abundance Ion 184.00 (183.70 to 184.70): E  
Ion 185.00 (184.70 to 185.70): E  
Ion 183.00 (182.70 to 183.70): E

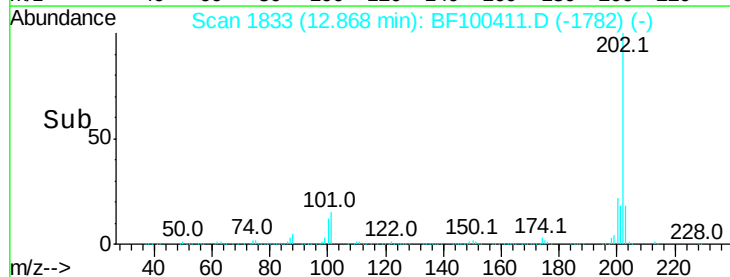
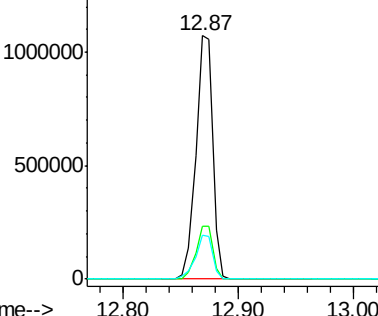


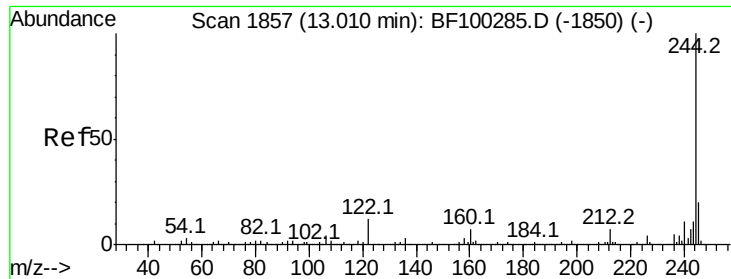
#77  
Pyrene  
Concen: 46.019 ng  
RT: 12.87 min Scan# 1833  
Delta R.T. -0.00 min  
Lab File: BF100411.D  
Acq: 11 Nov 2017 00:46

Tgt Ion:202 Resp: 1082840  
Ion Ratio Lower Upper  
202 100  
200 21.7 17.4 26.2  
203 18.0 14.3 21.5



Abundance Ion 202.00 (201.70 to 202.70): E  
Ion 200.00 (199.70 to 200.70): E  
Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 81.790 ng

RT: 13.01 min Scan# 1857

Delta R.T. -0.00 min

Lab File: BF100411.D

Acq: 11 Nov 2017 00:46

Instrument :

BNA\_F

ClientSampleId :

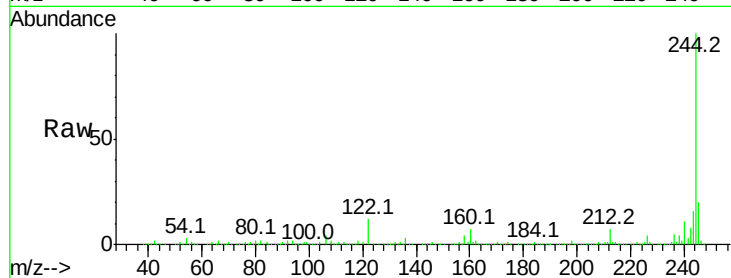
Tot Ion:244 Resp: 1175000

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

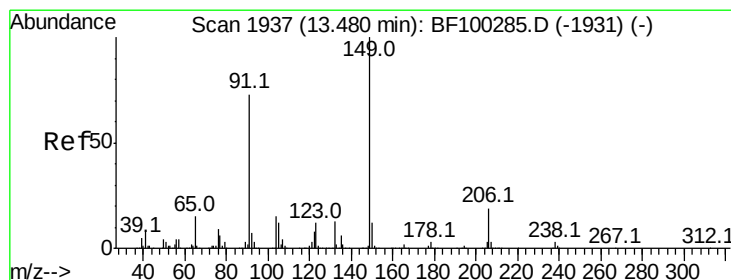
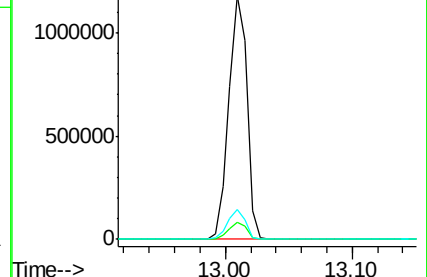
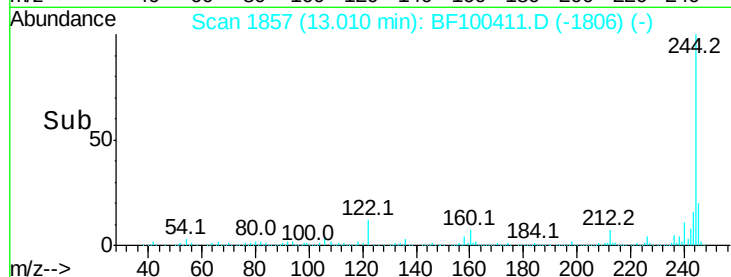
122 12.0 11.0 16.4



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: 52.000 ng

RT: 13.49 min Scan# 1938

Delta R.T. -0.00 min

Lab File: BF100411.D

Acq: 11 Nov 2017 00:46

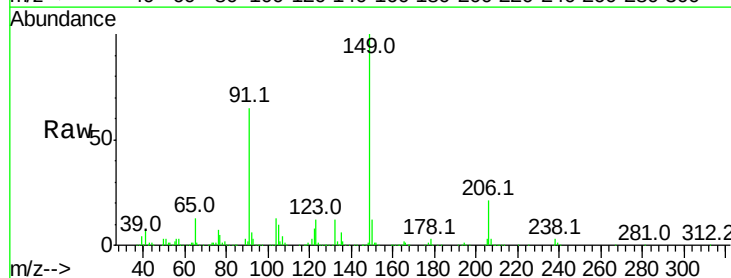
Tgt Ion:149 Resp: 498990

Ion Ratio Lower Upper

149 100

91 65.1 56.8 85.2

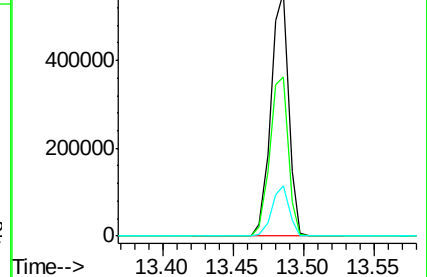
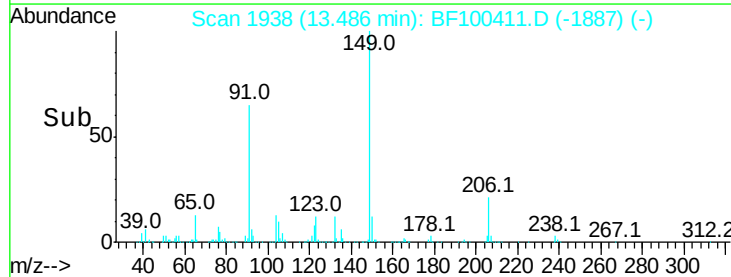
206 20.7 14.1 21.1

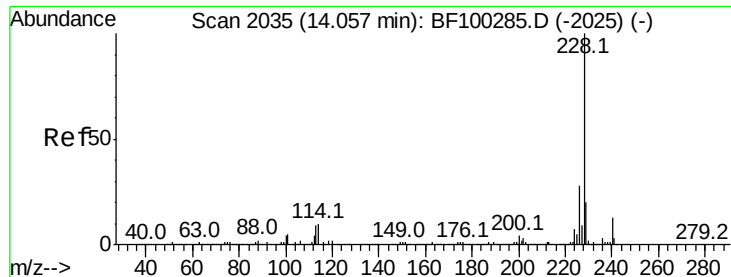


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 48.265 ng

RT: 14.06 min Scan# 2035

Delta R.T. -0.00 min

Lab File: BF100411.D

Acq: 11 Nov 2017 00:46

Instrument :

BNA\_F

ClientSampled :

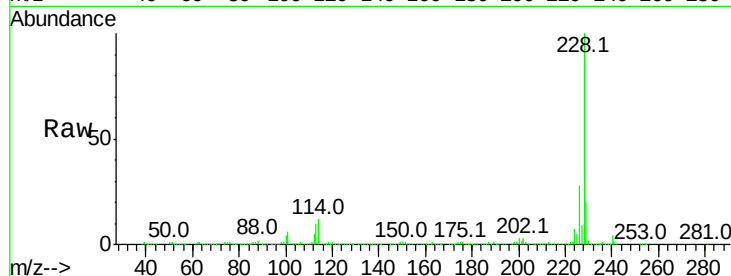
Tot Ion:228 Resp: 959420

Ion Ratio Lower Upper

228 100

226 28.4 22.6 33.8

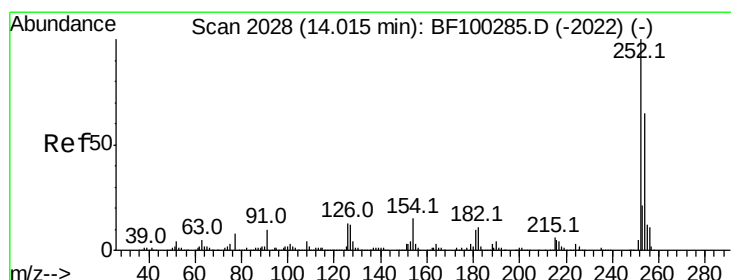
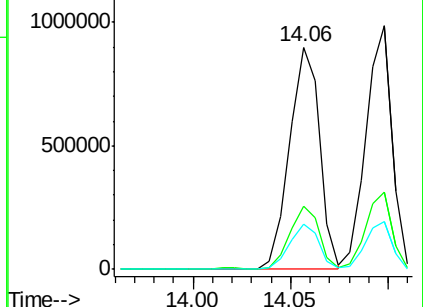
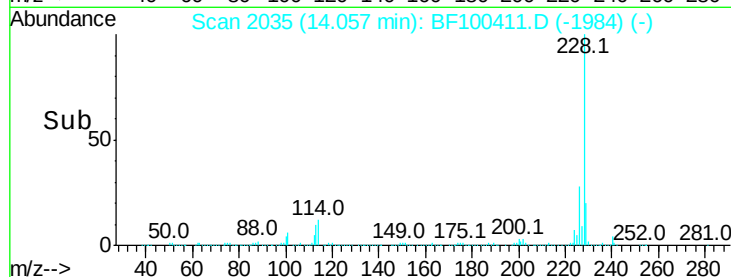
229 20.0 15.8 23.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#81

3,3'-Dichlorobenzidine

Concen: 45.112 ng

RT: 14.02 min Scan# 2029

Delta R.T. -0.00 min

Lab File: BF100411.D

Acq: 11 Nov 2017 00:46

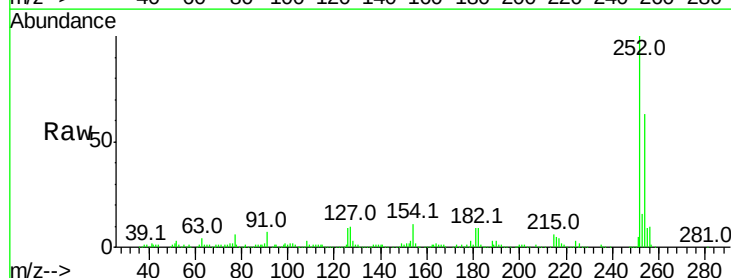
Tgt Ion:252 Resp: 321290

Ion Ratio Lower Upper

252 100

254 63.0 50.4 75.6

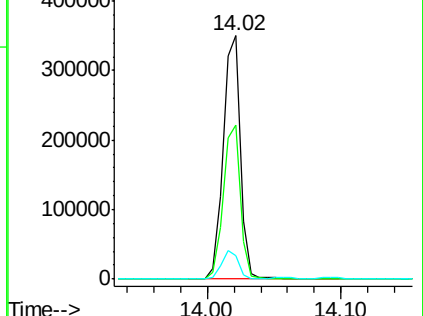
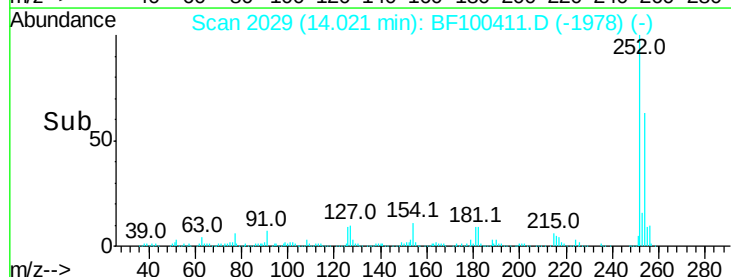
126 9.4 11.3 16.9#

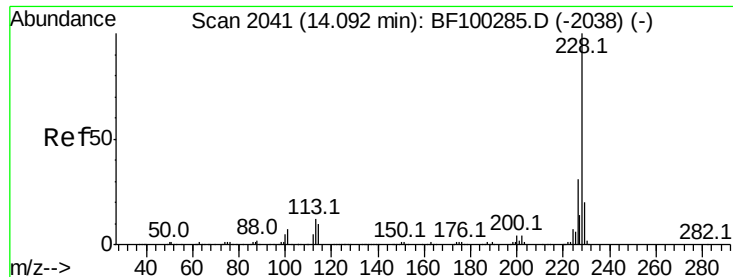


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



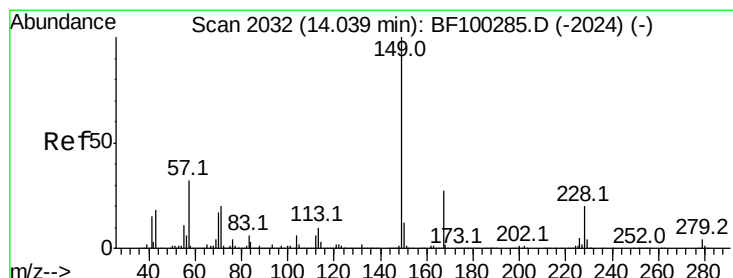
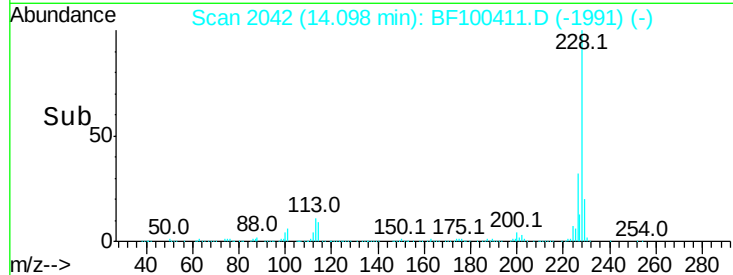
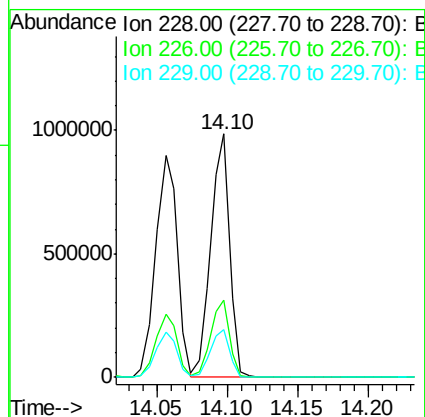
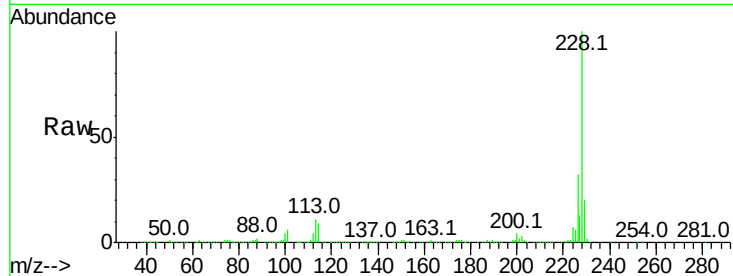


#82  
 Chrysene  
 Concen: 47.524 ng  
 RT: 14.10 min Scan# 2042  
 Delta R.T. -0.00 min  
 Lab File: BF100411.D  
 Acq: 11 Nov 2017 00:46

Instrument :  
 BNA\_F  
 ClientSampled :

Tot Ion:228 Resp: 914789  

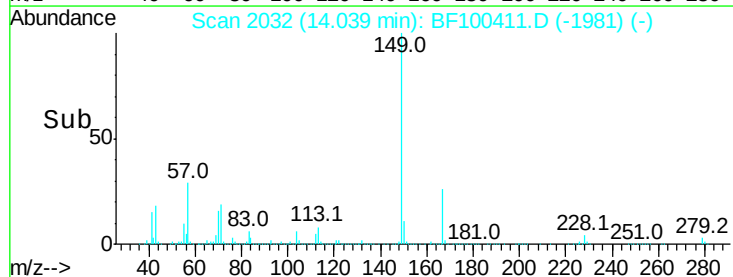
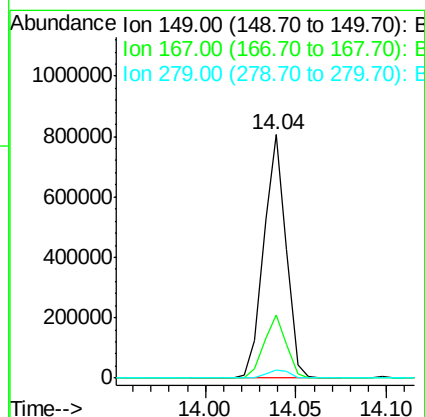
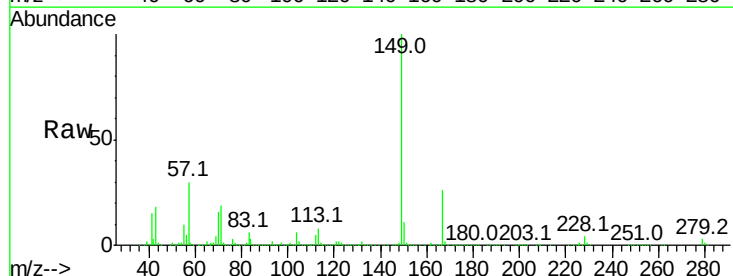
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 31.6  | 25.0  | 37.6  |
| 229 | 19.9  | 16.2  | 24.4  |

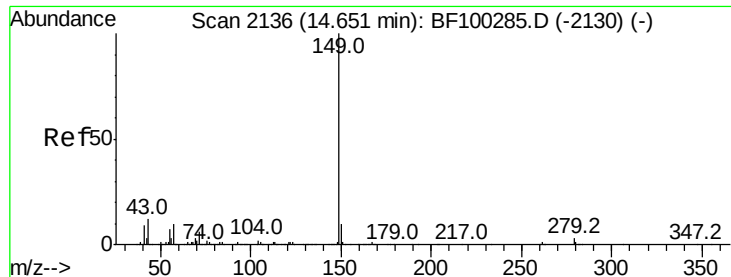


#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 54.312 ng  
 RT: 14.04 min Scan# 2032  
 Delta R.T. -0.00 min  
 Lab File: BF100411.D  
 Acq: 11 Nov 2017 00:46

Tgt Ion:149 Resp: 685473  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 167 | 26.2  | 21.3  | 31.9  |
| 279 | 3.5   | 3.0   | 4.4   |





#84

Di-n-octyl phthalate

Concen: 54.553 ng

RT: 14.65 min Scan# 2136

Delta R.T. -0.00 min

Lab File: BF100411.D

Acq: 11 Nov 2017 00:46

Instrument :

BNA\_F

ClientSampleId :

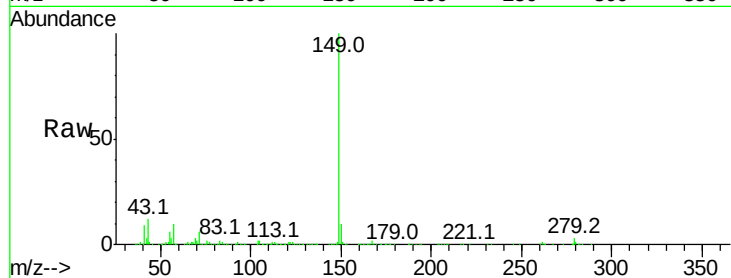
Tot Ion:149 Resp: 1182817

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

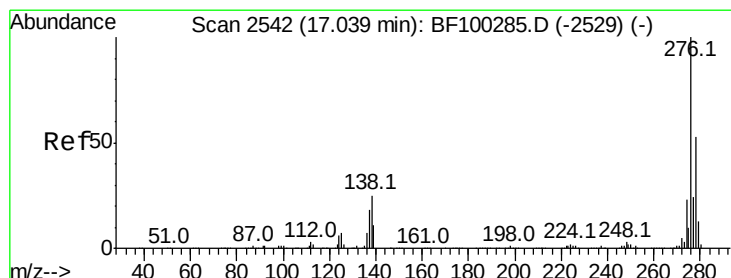
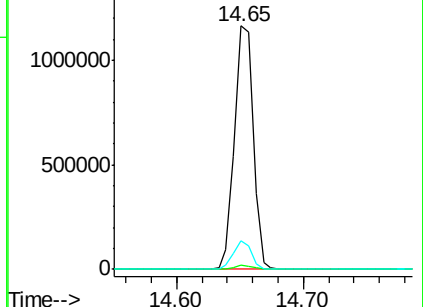
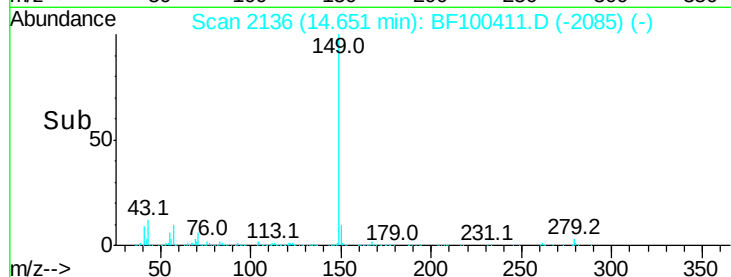
43 11.1 8.4 12.6



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: 44.286 ng

RT: 17.04 min Scan# 2543

Delta R.T. -0.00 min

Lab File: BF100411.D

Acq: 11 Nov 2017 00:46

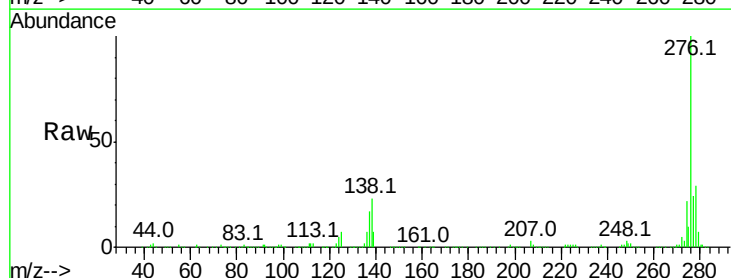
Tgt Ion:276 Resp: 689522

Ion Ratio Lower Upper

276 100

138 27.8 25.0 37.6

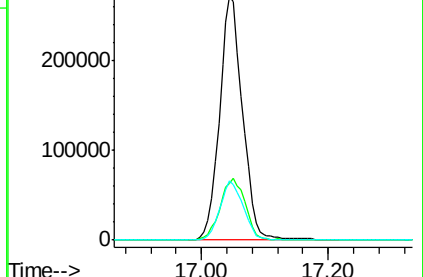
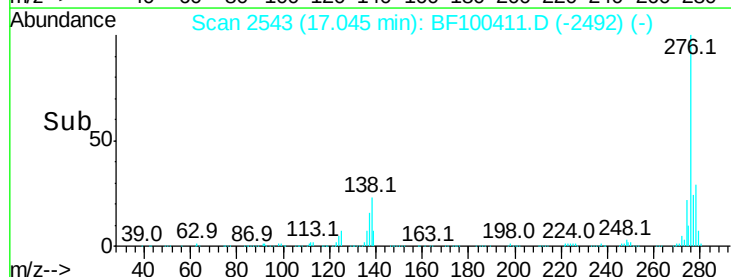
277 24.5 20.1 30.1

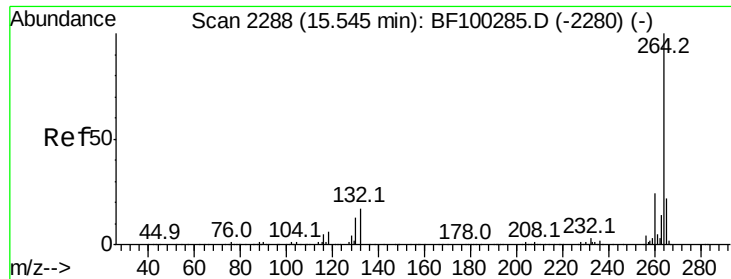


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



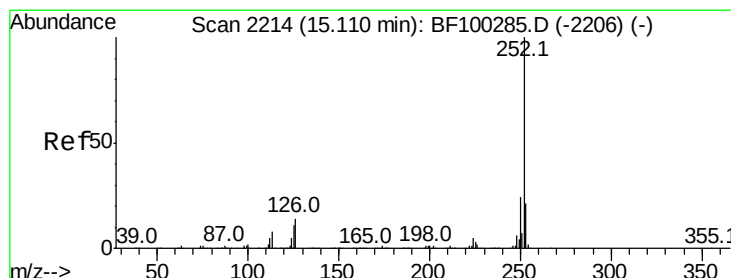
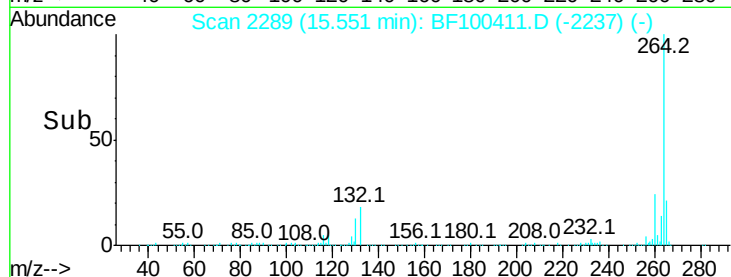
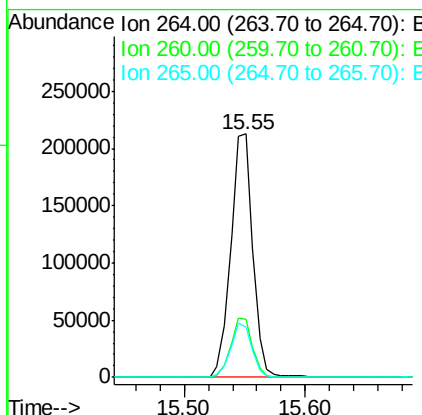
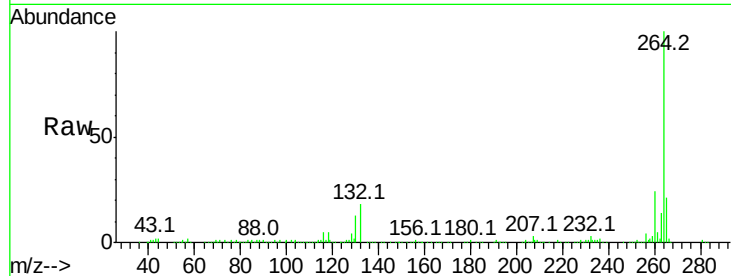


#86  
Pervlene-d12  
Concen: 20.000 ng  
RT: 15.55 min Scan# 2289  
Delta R.T. 0.01 min  
Lab File: BF100411.D  
Acq: 11 Nov 2017 00:46

Instrument :  
BNA\_F  
ClientSampled :

Tot Ion:264 Resp: 270720  

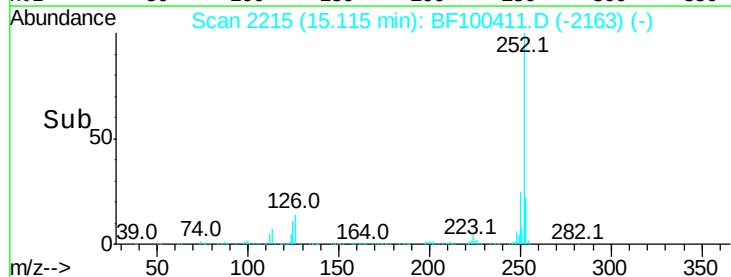
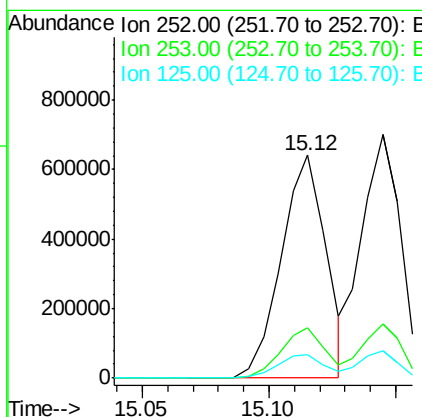
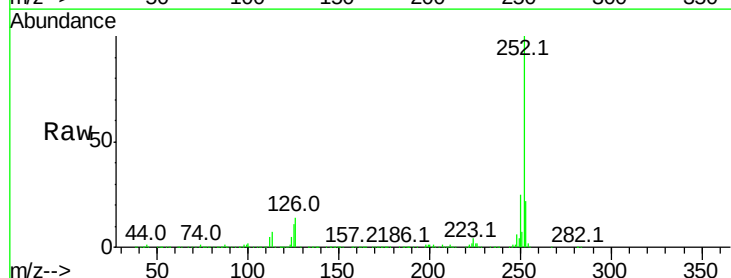
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 24.0  | 19.2  | 28.8  |
| 265 | 20.9  | 17.5  | 26.3  |

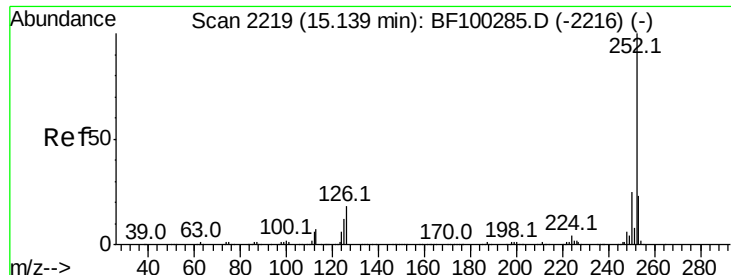


#87  
Benzo(b)fluoranthene  
Concen: 49.071 ng  
RT: 15.12 min Scan# 2215  
Delta R.T. 0.01 min  
Lab File: BF100411.D  
Acq: 11 Nov 2017 00:46

Tgt Ion:252 Resp: 787039  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 22.3  | 17.0  | 25.6  |
| 125 | 10.7  | 9.0   | 13.6  |

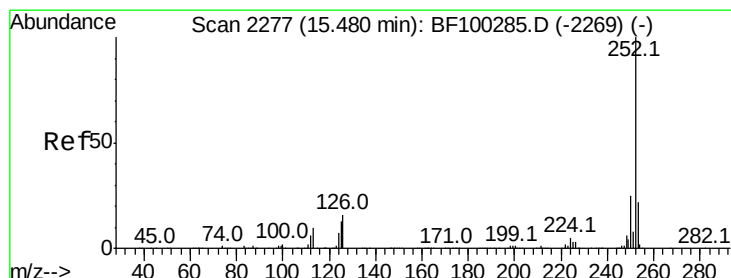
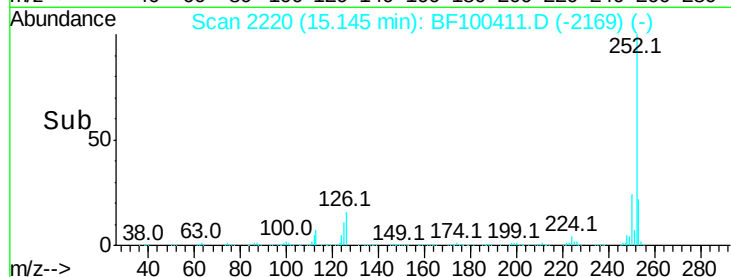
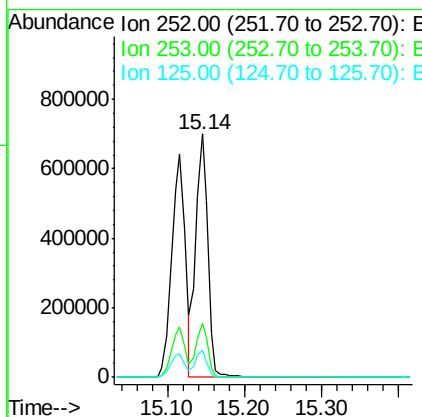
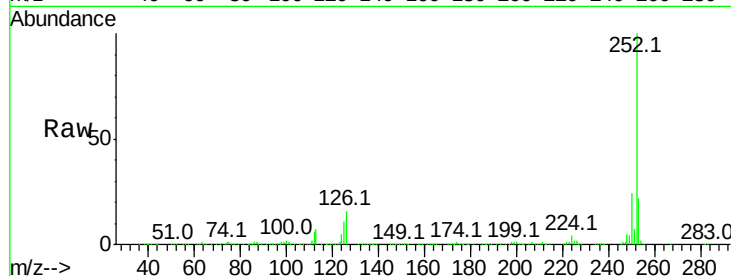




#88  
Benzo(k)fluoranthene  
Concen: 50.853 ng  
RT: 15.14 min Scan# 2220  
Delta R.T. -0.00 min  
Lab File: BF100411.D  
Acq: 11 Nov 2017 00:46

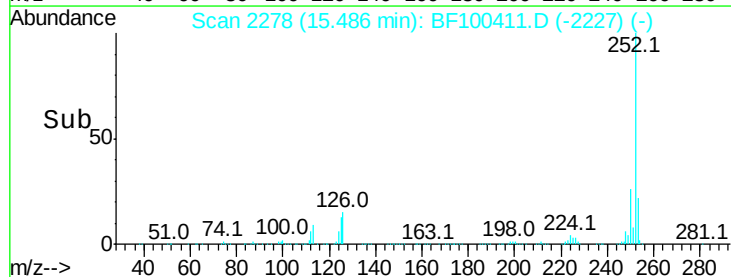
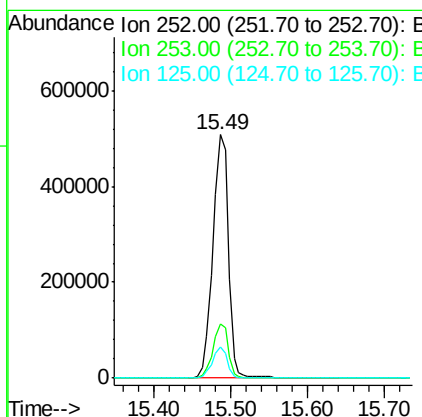
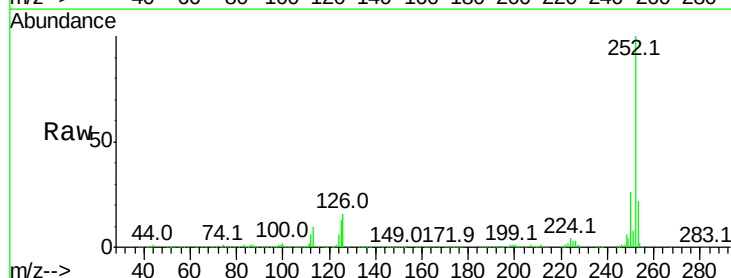
Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:252 Resp: 770643  
Ion Ratio Lower Upper  
252 100  
253 22.4 17.9 26.9  
125 11.3 10.2 15.2

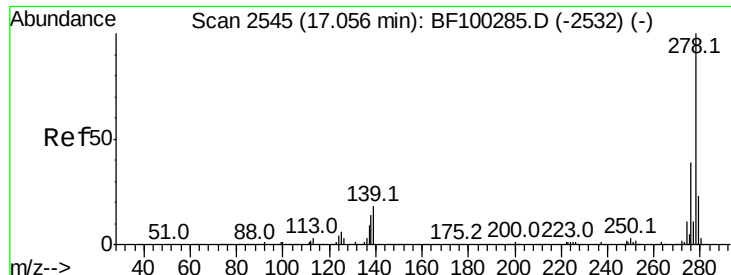


#89  
Benzo(a)pyrene  
Concen: 49.219 ng  
RT: 15.49 min Scan# 2278  
Delta R.T. -0.00 min  
Lab File: BF100411.D  
Acq: 11 Nov 2017 00:46

Tgt Ion:252 Resp: 699834  
Ion Ratio Lower Upper  
252 100  
253 22.2 17.1 25.7  
125 12.8 9.8 14.6







#90

Dibenzo(a,h)anthracene

Concen: 49.399 ng

RT: 17.07 min Scan# 2547

Delta R.T. 0.01 min

Lab File: BF100411.D

Acq: 11 Nov 2017 00:46

Instrument :

BNA\_F

ClientSampleId :

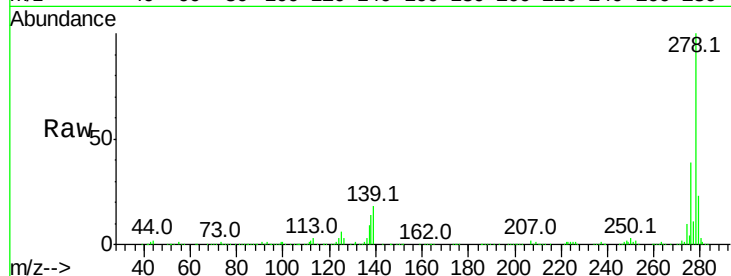
Tot Ion:278 Resp: 574431

Ion Ratio Lower Upper

278 100

139 17.7 15.9 23.9

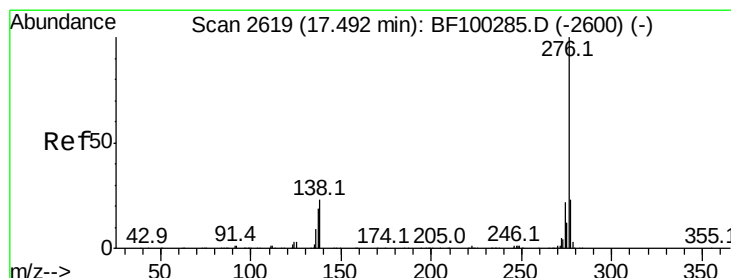
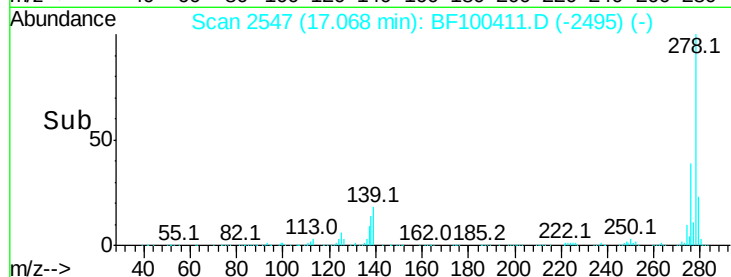
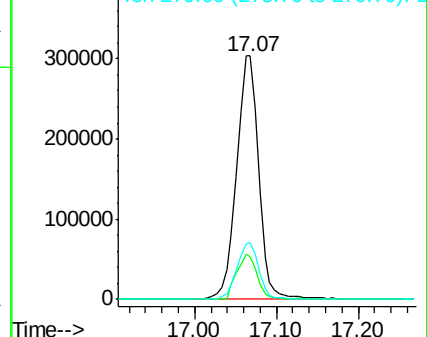
279 23.5 19.0 28.4



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: 50.705 ng

RT: 17.50 min Scan# 2621

Delta R.T. 0.01 min

Lab File: BF100411.D

Acq: 11 Nov 2017 00:46

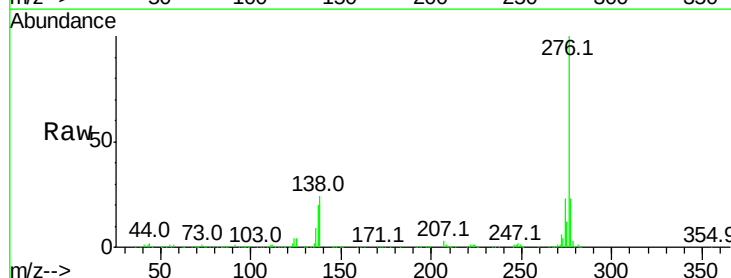
Tgt Ion:276 Resp: 577171

Ion Ratio Lower Upper

276 100

277 22.9 17.9 26.9

138 24.3 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

