

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110917\  
 Data File : BF100362.D  
 Acq On : 10 Nov 2017 1:05  
 Operator : SJ/JU  
 Sample : I6388-05MSD  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :

Quant Time: Nov 10 03:22:05 2017  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Nov 09 16:04:38 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.90  | 152  | 197604   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.19  | 136  | 779607   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 9.95  | 164  | 337735   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 11.43 | 188  | 552850   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 14.07 | 240  | 370613   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 15.55 | 264  | 390181   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |       |    |      |
|--------------------------|-------|-----|---------|-------|----|------|
| 5) 2-Fluorophenol        | 5.53  | 112 | 1184387 | 96.08 | ng | 0.02 |
| 7) Phenol-d6             | 6.53  | 99  | 1476450 | 97.13 | ng | 0.01 |
| 23) Nitrobenzene-d5      | 7.47  | 82  | 923931  | 78.35 | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 10.73 | 330 | 314602  | 91.41 | ng | 0.00 |
| 44) 2-Fluorobiphenyl     | 9.26  | 172 | 1460256 | 65.84 | ng | 0.00 |
| 78) Terphenyl-d14        | 13.01 | 244 | 1018053 | 63.12 | ng | 0.00 |

## Target Compounds

|                                |      |     |         |        |    | Qvalue |
|--------------------------------|------|-----|---------|--------|----|--------|
| 2) 1,4-Dioxane                 | 2.77 | 88  | 174988  | 29.128 | ng | 94     |
| 3) Pyridine                    | 3.55 | 79  | 470669  | 28.717 | ng | 93     |
| 4) n-Nitrosodimethylamine      | 3.49 | 42  | 272609  | 34.258 | ng | 97     |
| 6) Aniline                     | 6.57 | 93  | 557309  | 25.951 | ng | 99     |
| 8) 2-Chlorophenol              | 6.69 | 128 | 469689  | 36.016 | ng | 99     |
| 9) Benzaldehyde                | 6.46 | 77  | 273379  | 25.183 | ng | 98     |
| 10) Phenol                     | 6.55 | 94  | 609588  | 38.200 | ng | 97     |
| 11) bis(2-Chloroethyl)ether    | 6.64 | 93  | 469603  | 35.035 | ng | 93     |
| 12) 1,3-Dichlorobenzene        | 6.85 | 146 | 518999  | 34.519 | ng | 99     |
| 13) 1,4-Dichlorobenzene        | 6.92 | 146 | 519286  | 34.124 | ng | 99     |
| 14) 1,2-Dichlorobenzene        | 7.07 | 146 | 486613  | 34.585 | ng | 98     |
| 15) Benzyl Alcohol             | 7.05 | 79  | 427805  | 36.060 | ng | 98     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.18 | 45  | 872269  | 40.688 | ng | 98     |
| 17) 2-Methylphenol             | 7.15 | 107 | 413689  | 37.121 | ng | 100    |
| 18) Hexachloroethane           | 7.42 | 117 | 176232  | 35.124 | ng | 99     |
| 19) n-Nitroso-di-n-propylamine | 7.32 | 70  | 337163  | 31.983 | ng | 91     |
| 20) 3+4-Methylphenols          | 7.30 | 107 | 494020  | 35.031 | ng | # 89   |
| 22) Acetophenone               | 7.32 | 105 | 629237  | 33.099 | ng | # 97   |
| 24) Nitrobenzene               | 7.49 | 77  | 514769  | 42.414 | ng | 97     |
| 25) Isophorone                 | 7.73 | 82  | 944500  | 38.116 | ng | 100    |
| 26) 2-Nitrophenol              | 7.80 | 139 | 260304  | 45.997 | ng | 93     |
| 27) 2,4-Dimethylphenol         | 7.83 | 122 | 454281  | 40.896 | ng | 99     |
| 28) bis(2-Chloroethoxy)methane | 7.93 | 93  | 599984  | 37.016 | ng | 99     |
| 29) 2,4-Dichlorophenol         | 8.04 | 162 | 406504  | 38.333 | ng | 98     |
| 30) 1,2,4-Trichlorobenzene     | 8.13 | 180 | 411528  | 35.876 | ng | 96     |
| 31) Naphthalene                | 8.21 | 128 | 1302254 | 34.680 | ng | 100    |
| 32) Benzoic acid               | 7.92 | 122 | 121088  | 20.827 | ng | 97     |
| 33) 4-Chloroaniline            | 8.25 | 127 | 228800  | 14.638 | ng | 99     |
| 34) Hexachlorobutadiene        | 8.32 | 225 | 235390  | 34.513 | ng | 98     |
| 35) Caprolactam                | 8.62 | 113 | 90428   | 24.848 | ng | # 89   |
| 36) 4-Chloro-3-methylphenol    | 8.73 | 107 | 418655  | 36.759 | ng | 98     |
| 37) 2-Methylnaphthalene        | 8.90 | 142 | 865144  | 34.704 | ng | 98     |
| 39) 1,2,4,5-Tetrachlorobenzene | 9.06 | 216 | 391470  | 34.950 | ng | 98     |
| 40) Hexachlorocyclopentadiene  | 9.05 | 237 | 238004  | 45.147 | ng | 97     |

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 Sample : I6388-05MSD  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

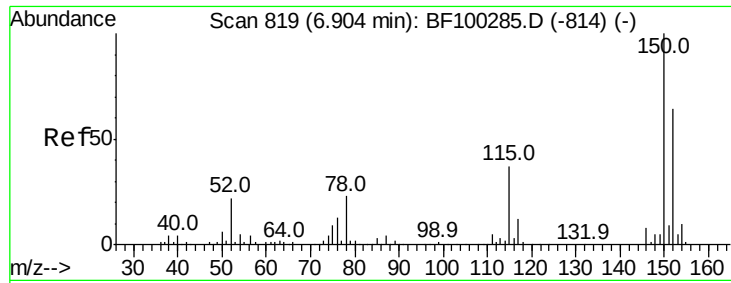
Instrument :  
 BNA\_F  
 ClientSampleId :

Quant Time: Nov 10 03:22:05 2017  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Nov 09 16:04:38 2017  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 9.17  | 196  | 288317   | 40.614 | nq    | 99       |
| 43) 2,4,5-Trichlorophenol      | 9.21  | 196  | 293521   | 39.907 | nq    | 96       |
| 45) 1,1'-Biphenyl              | 9.36  | 154  | 1008323  | 34.519 | nq    | 100      |
| 46) 2-Chloronaphthalene        | 9.39  | 162  | 788107   | 37.190 | nq    | 98       |
| 47) 2-Nitroaniline             | 9.48  | 65   | 266390   | 42.860 | nq    | 91       |
| 48) Acenaphthylene             | 9.80  | 152  | 1204966  | 34.311 | nq    | 99       |
| 49) Dimethylphthalate          | 9.66  | 163  | 1026532  | 39.809 | nq    | 100      |
| 50) 2,6-Dinitrotoluene         | 9.72  | 165  | 211850   | 41.504 | nq    | 96       |
| 51) Acenaphthene               | 9.98  | 154  | 739209   | 34.610 | nq    | 100      |
| 52) 3-Nitroaniline             | 9.89  | 138  | 170756   | 28.330 | nq    | 96       |
| 53) 2,4-Dinitrophenol          | 9.99  | 184  | 90334    | 50.439 | nq    | # 19     |
| 54) Dibenzofuran               | 10.15 | 168  | 1043244  | 34.850 | nq    | 98       |
| 55) 4-Nitrophenol              | 10.05 | 139  | 338257   | 69.114 | nq    | 94       |
| 56) 2,4-Dinitrotoluene         | 10.13 | 165  | 274672   | 42.656 | nq    | 91       |
| 57) Fluorene                   | 10.49 | 166  | 760472   | 34.678 | nq    | 99       |
| 58) 2,3,4,6-Tetrachlorophenol  | 10.26 | 232  | 230248   | 38.196 | nq    | 88       |
| 59) Diethylphthalate           | 10.36 | 149  | 902730   | 34.983 | nq    | 97       |
| 60) 4-Chlorophenyl-phenylether | 10.48 | 204  | 381355   | 35.449 | nq    | 94       |
| 61) 4-Nitroaniline             | 10.51 | 138  | 194747   | 34.075 | nq    | 90       |
| 62) Azobenzene                 | 10.65 | 77   | 866058   | 35.634 | nq    | 94       |
| 64) 4,6-Dinitro-2-methylphenol | 10.53 | 198  | 75798    | 30.876 | nq    | 94       |
| 65) n-Nitrosodiphenylamine     | 10.60 | 169  | 753999   | 39.224 | nq    | 96       |
| 66) 4-Bromophenyl-phenylether  | 10.97 | 248  | 240096   | 40.512 | nq    | # 82     |
| 67) Hexachlorobenzene          | 11.03 | 284  | 235290   | 37.960 | nq    | 94       |
| 68) Atrazine                   | 11.13 | 200  | 236666   | 40.672 | nq    | 96       |
| 69) Pentachlorophenol          | 11.23 | 266  | 258719   | 58.210 | nq    | 98       |
| 70) Phenanthrene               | 11.46 | 178  | 1032387  | 35.467 | nq    | 99       |
| 71) Anthracene                 | 11.50 | 178  | 1054256  | 35.699 | nq    | 100      |
| 72) Carbazole                  | 11.66 | 167  | 931420   | 34.182 | nq    | 99       |
| 73) Di-n-butylphthalate        | 11.99 | 149  | 1257259  | 39.427 | nq    | 99       |
| 74) Fluoranthene               | 12.64 | 202  | 921963   | 29.886 | nq    | 98       |
| 76) Benzidine                  | 12.76 | 184  | 494219   | 33.298 | nq    | 98       |
| 77) Pyrene                     | 12.87 | 202  | 922355   | 34.913 | nq    | 99       |
| 79) Butylbenzylphthalate       | 13.49 | 149  | 418595   | 38.852 | nq    | 92       |
| 80) Benzo(a)anthracene         | 14.06 | 228  | 814631   | 36.501 | nq    | 100      |
| 81) 3,3'-Dichlorobenzidine     | 14.02 | 252  | 284168   | 35.537 | nq    | 98       |
| 82) Chrysene                   | 14.09 | 228  | 779017   | 36.045 | nq    | 99       |
| 83) Bis(2-ethylhexyl)phthalate | 14.04 | 149  | 580389   | 40.958 | nq    | 99       |
| 84) Di-n-octyl phthalate       | 14.65 | 149  | 1008644  | 41.434 | nq    | 99       |
| 85) Indeno(1,2,3-cd)pyrene     | 17.04 | 276  | 683071   | 39.075 | nq    | 96       |
| 87) Benzo(b)fluoranthene       | 15.12 | 252  | 789815   | 34.167 | nq    | 98       |
| 88) Benzo(k)fluoranthene       | 15.14 | 252  | 761294   | 34.855 | nq    | 98       |
| 89) Benzo(a)pyrene             | 15.49 | 252  | 733809   | 35.807 | nq    | 99       |
| 90) Dibenzo(a,h)anthracene     | 17.06 | 278  | 576374   | 34.391 | nq    | 97       |
| 91) Benzo(g,h,i)perylene       | 17.50 | 276  | 528882   | 32.237 | nq    | 95       |

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



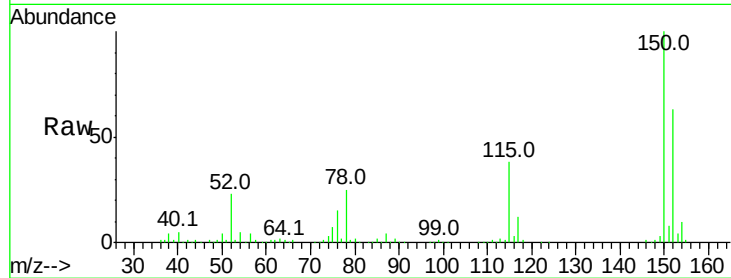


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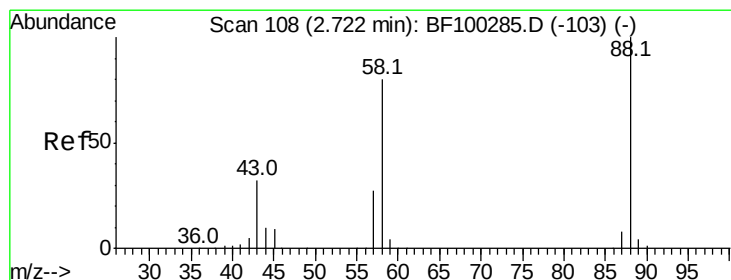
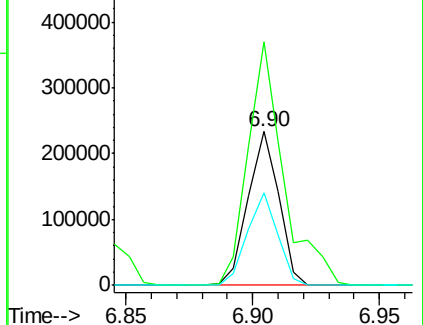
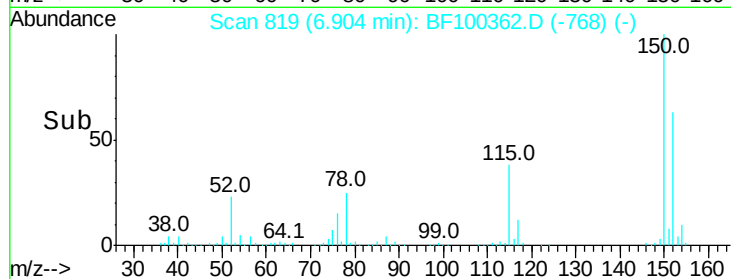
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.90 min Scan# 819  
Delta R.T. 0.00 min  
Lab File: BF100362.D  
Acq: 10 Nov 2017 1:05

Instrument :  
BNA\_F  
ClientSampled :

Tot Ion:152 Resp: 197604  
Ion Ratio Lower Upper  
152 100  
150 158.6 124.6 186.8  
115 60.4 50.1 75.1



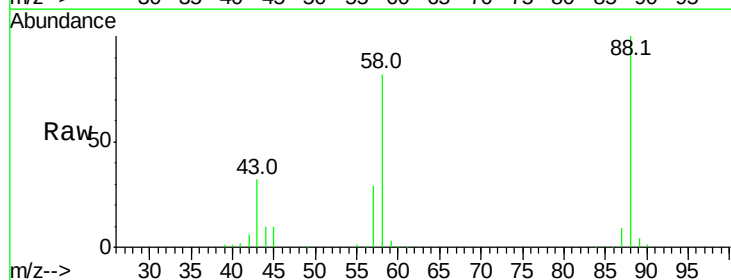
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



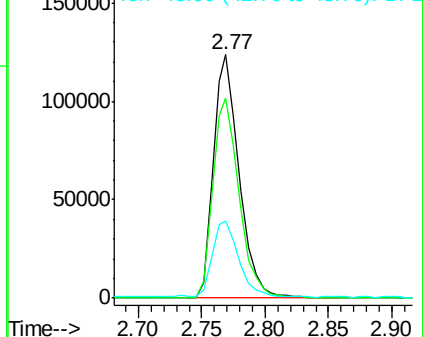
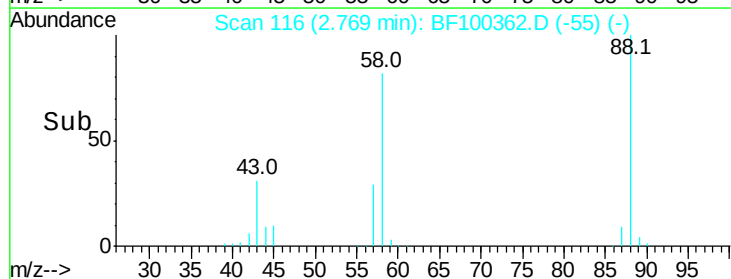
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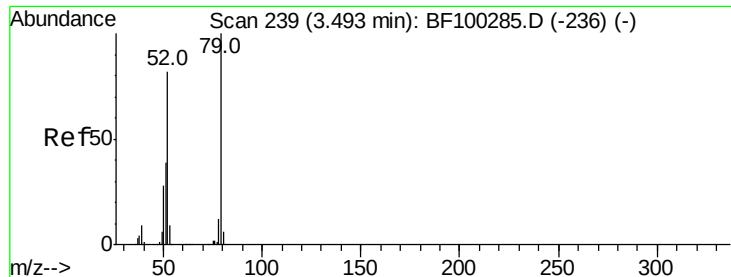
1,4-Dioxane  
Concen: 29.128 ng  
RT: 2.77 min Scan# 116  
Delta R.T. 0.06 min  
Lab File: BF100362.D  
Acq: 10 Nov 2017 1:05

Tgt Ion: 88 Resp: 174988  
Ion Ratio Lower Upper  
88 100  
58 84.1 62.6 93.8  
43 32.4 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: 28.717 ng

RT: 3.55 min Scan# 248

Delta R.T. 0.06 min

Lab File: BF100362.D

Acq: 10 Nov 2017 1:05

Instrument :

BNA\_F

ClientSampled :

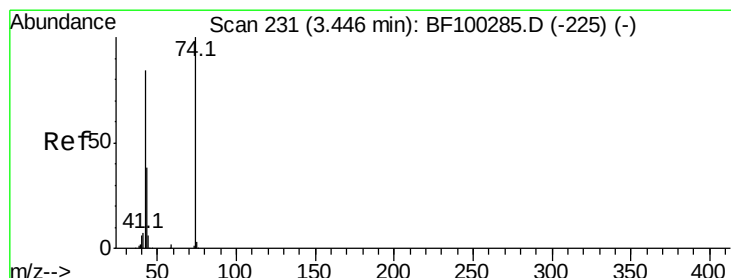
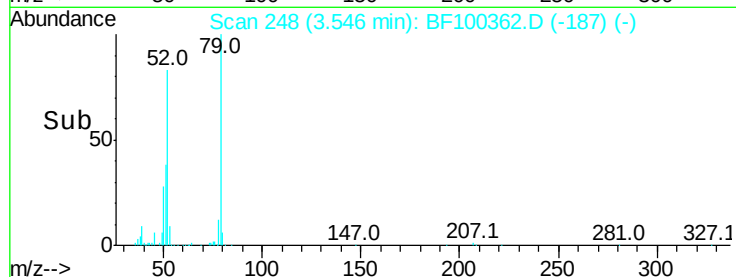
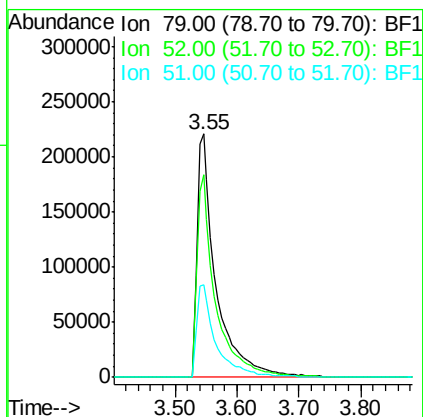
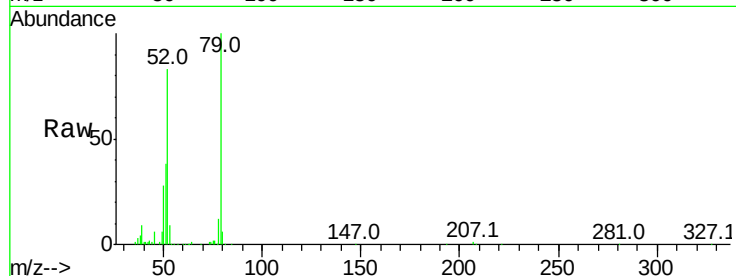
Tot Ion: 79 Resp: 470669

Ion Ratio Lower Upper

79 100

52 83.0 59.8 89.6

51 38.3 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 34.258 ng

RT: 3.49 min Scan# 239

Delta R.T. 0.05 min

Lab File: BF100362.D

Acq: 10 Nov 2017 1:05

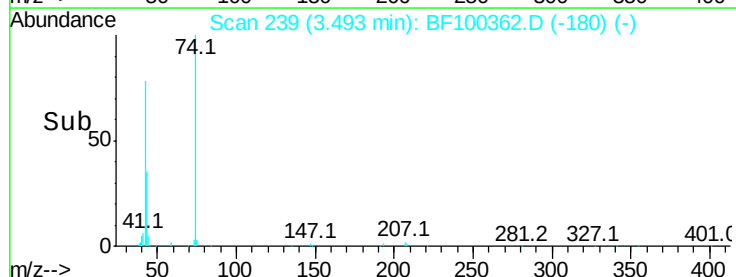
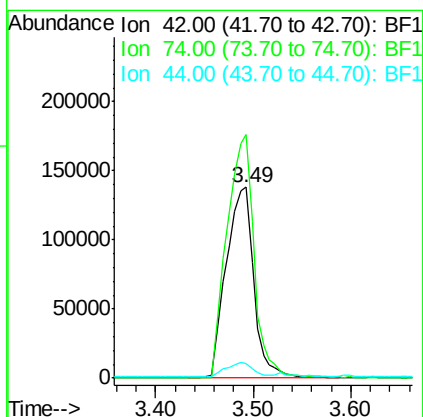
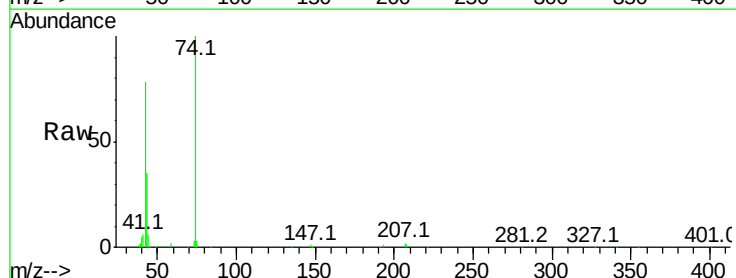
Tgt Ion: 42 Resp: 272609

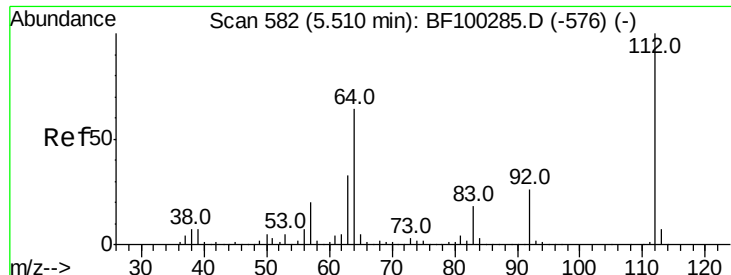
Ion Ratio Lower Upper

42 100

74 127.7 104.9 157.3

44 7.4 6.9 10.3





#5

2-Fluorophenol

Concen: 96.079 ng

RT: 5.53 min Scan# 585

Delta R.T. 0.02 min

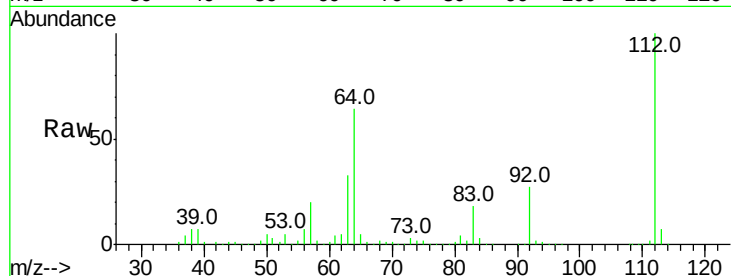
Lab File: BF100362.D

Acq: 10 Nov 2017 1:05

Instrument :  
BNA\_F  
ClientSampled :

Tot Ion:112 Resp: 1184387

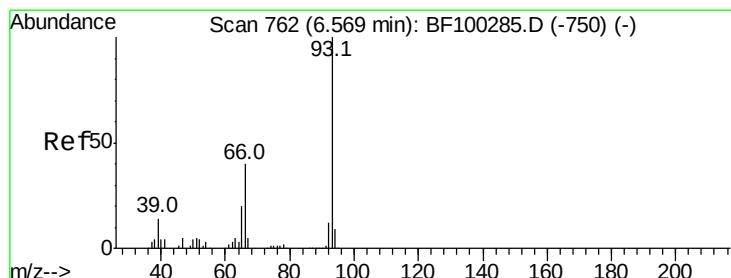
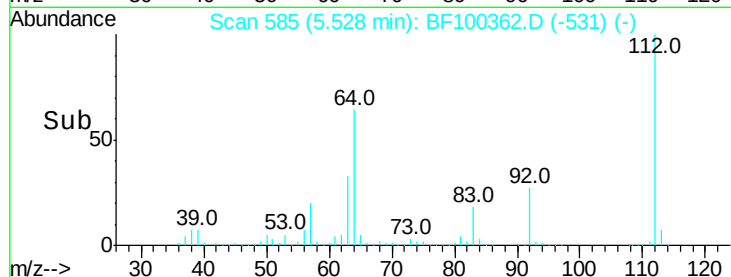
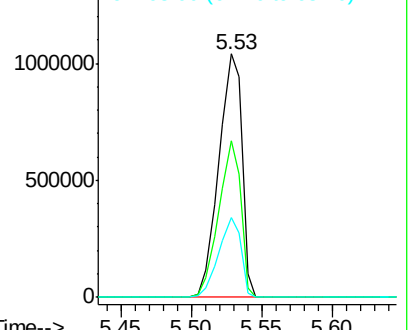
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 112 | 100   |       |       |
| 64  | 64.1  | 47.9  | 71.9  |
| 63  | 32.8  | 23.7  | 35.5  |



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: 25.951 ng

RT: 6.57 min Scan# 762

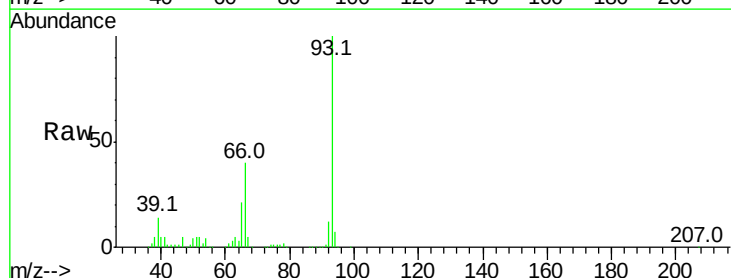
Delta R.T. 0.00 min

Lab File: BF100362.D

Acq: 10 Nov 2017 1:05

Tgt Ion: 93 Resp: 557309

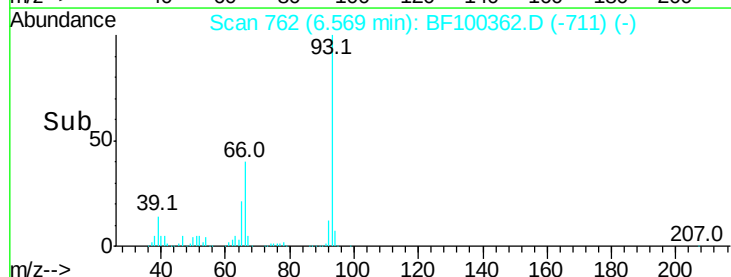
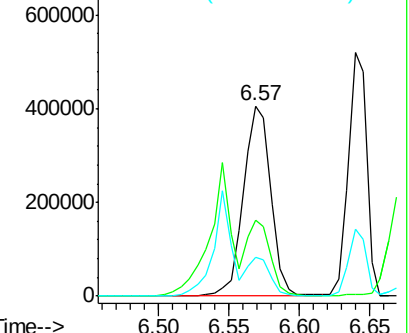
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 93  | 100   |       |       |
| 66  | 39.6  | 32.2  | 48.2  |
| 65  | 20.6  | 16.4  | 24.6  |

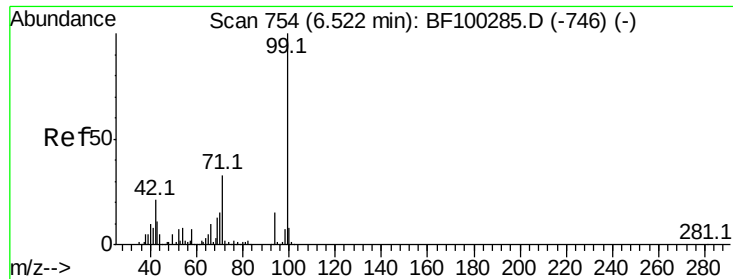


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 97.128 ng

RT: 6.53 min Scan# 756

Delta R.T. 0.01 min

Lab File: BF100362.D

Acq: 10 Nov 2017 1:05

Instrument :

BNA\_F

ClientSampled :

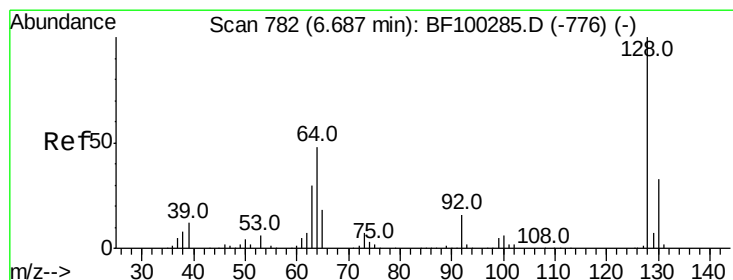
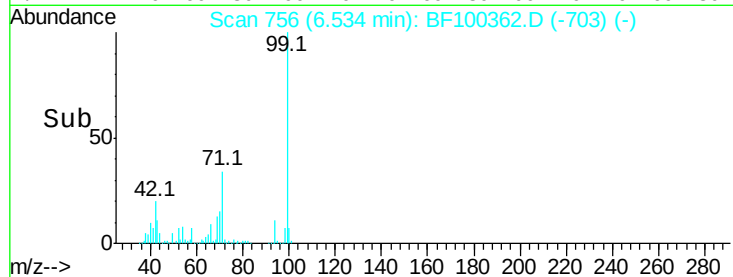
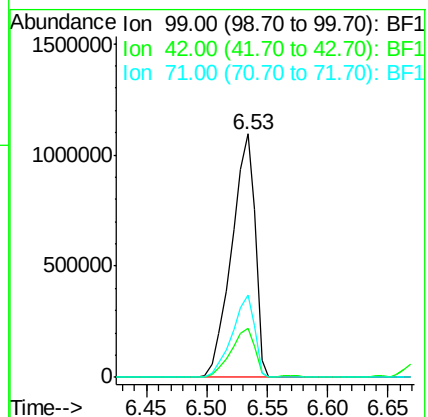
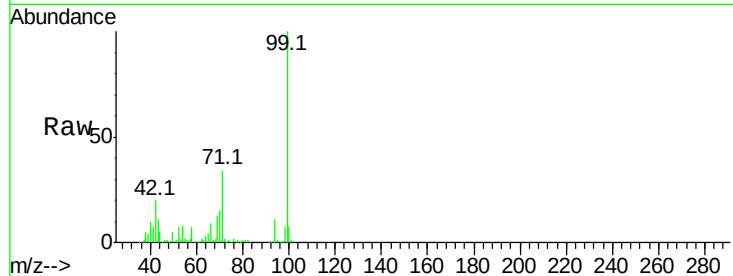
Tot Ion: 99 Resp: 1476450

Ion Ratio Lower Upper

99 100

42 20.3 14.5 21.7

71 34.0 25.4 38.0



#8

2-Chlorophenol

Concen: 36.016 ng

RT: 6.69 min Scan# 783

Delta R.T. 0.01 min

Lab File: BF100362.D

Acq: 10 Nov 2017 1:05

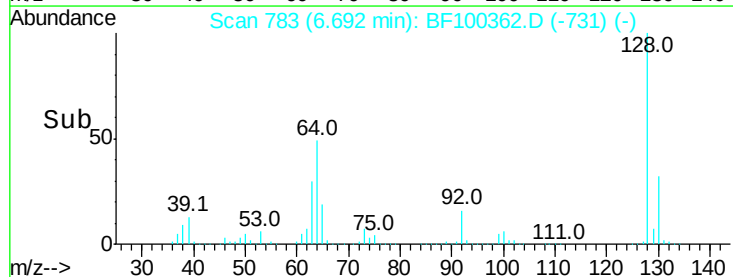
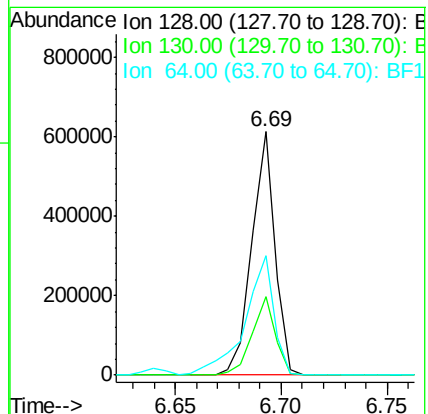
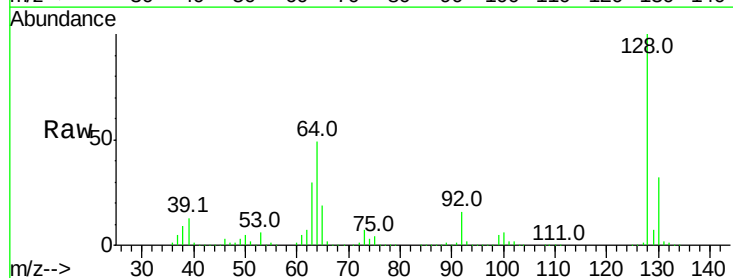
Tgt Ion: 128 Resp: 469689

Ion Ratio Lower Upper

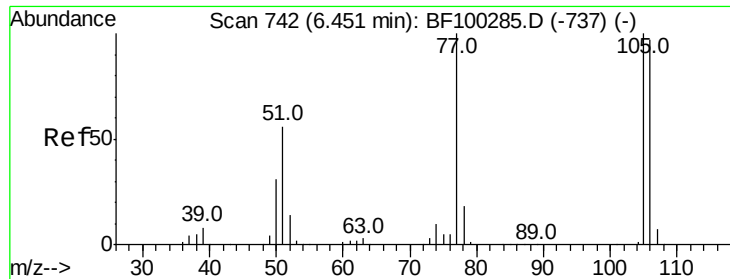
128 100

130 32.3 13.0 53.0

64 49.0 29.4 69.4



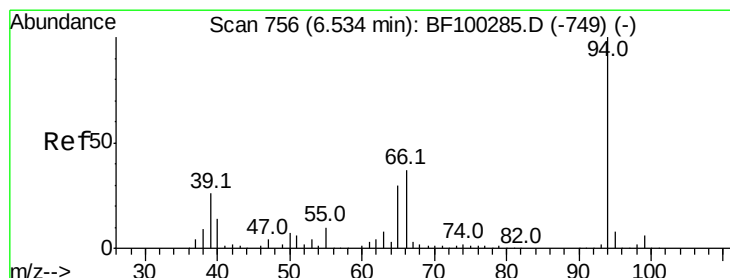
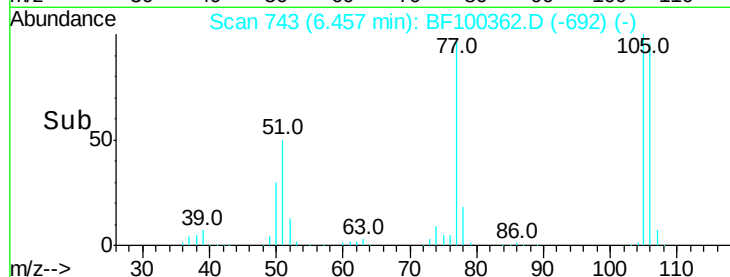
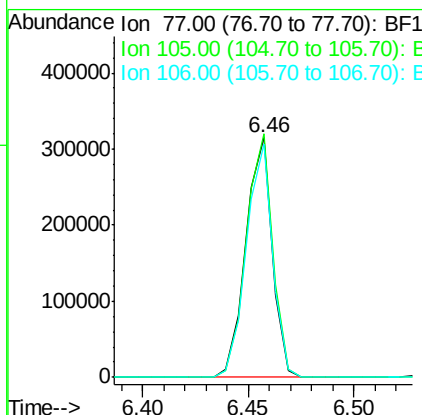
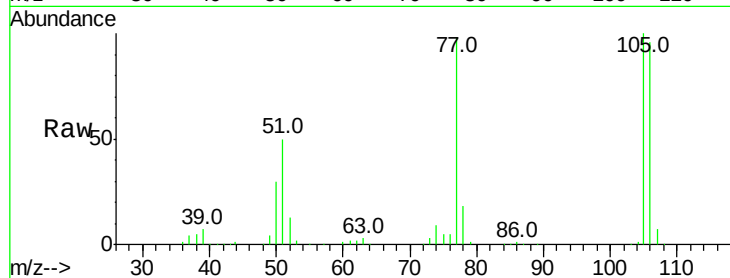




#9  
Benzaldehyde  
Concen: 25.183 ng  
RT: 6.46 min Scan# 743  
Delta R.T. 0.00 min  
Lab File: BF100362.D  
Acq: 10 Nov 2017 1:05

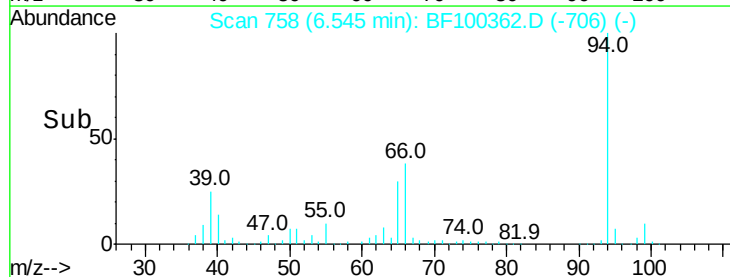
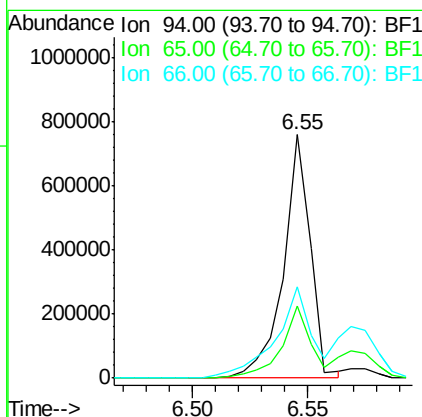
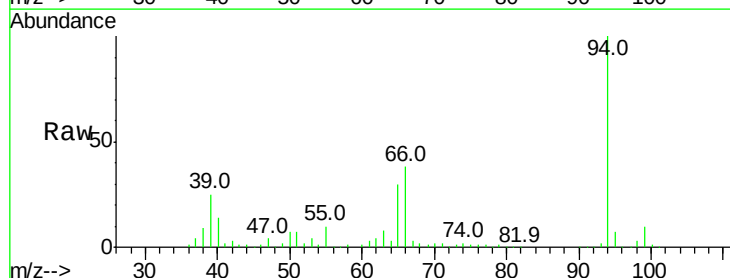
Instrument :  
BNA\_F  
ClientSampled :

Tot Ion: 77 Resp: 273379  
Ion Ratio Lower Upper  
77 100  
105 101.7 81.1 121.1  
106 97.7 74.5 114.5

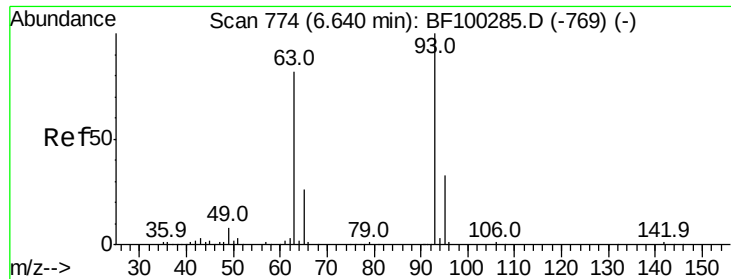


#10  
Phenol  
Concen: 38.200 ng  
RT: 6.55 min Scan# 758  
Delta R.T. 0.01 min  
Lab File: BF100362.D  
Acq: 10 Nov 2017 1:05

Tgt Ion: 94 Resp: 609588  
Ion Ratio Lower Upper  
94 100  
65 29.5 7.9 47.9  
66 37.6 16.2 56.2



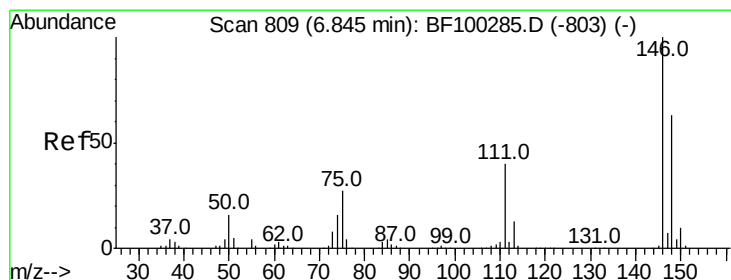
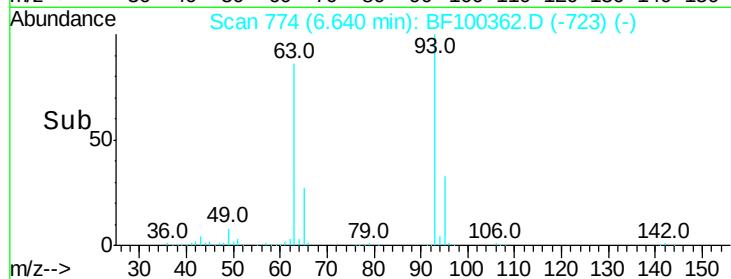
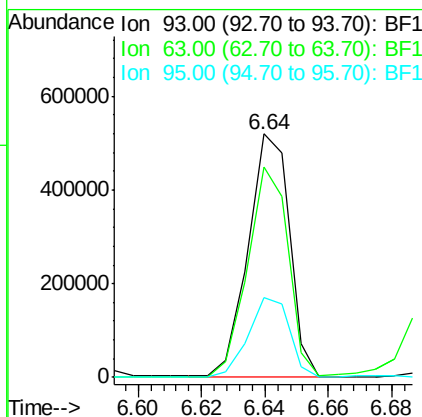
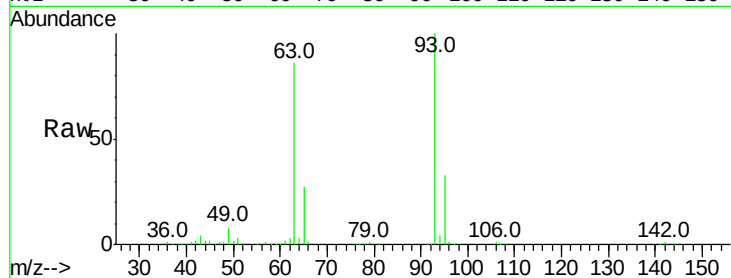




#11  
 bis(2-Chloroethyl)ether  
 Concen: 35.035 ng  
 RT: 6.64 min Scan# 774  
 Delta R.T. 0.00 min  
 Lab File: BF100362.D  
 Acq: 10 Nov 2017 1:05

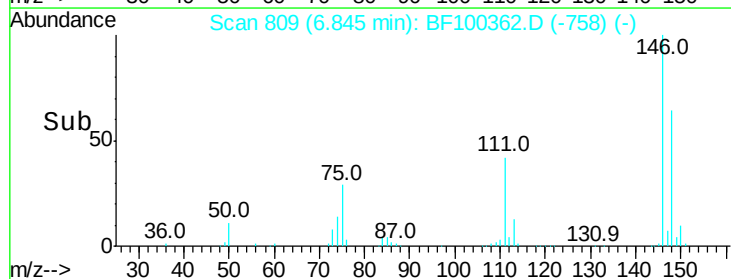
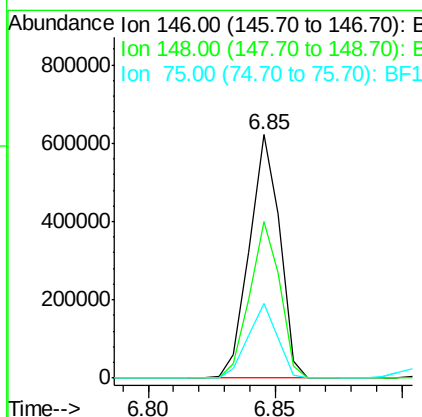
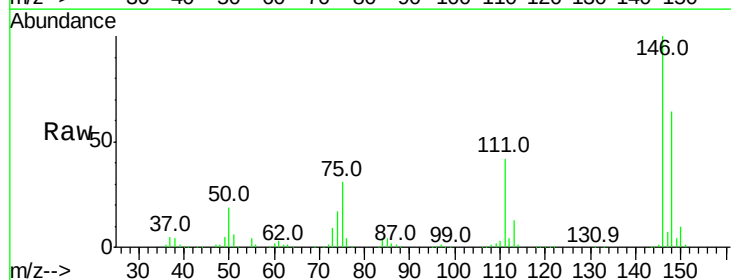
Instrument :  
 BNA\_F  
 ClientSampleId :

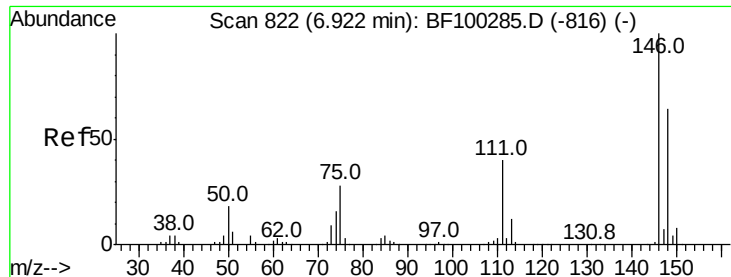
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 93    | Resp: | 469603 |
| Ion      | Ratio | Lower | Upper  |
| 93       | 100   |       |        |
| 63       | 86.4  | 58.6  | 98.6   |
| 95       | 32.6  | 11.8  | 51.8   |



#12  
 1,3-Dichlorobenzene  
 Concen: 34.519 ng  
 RT: 6.85 min Scan# 809  
 Delta R.T. 0.00 min  
 Lab File: BF100362.D  
 Acq: 10 Nov 2017 1:05

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 146   | Resp: | 518999 |
| Ion      | Ratio | Lower | Upper  |
| 146      | 100   |       |        |
| 148      | 64.1  | 51.8  | 77.8   |
| 75       | 30.5  | 24.2  | 36.4   |

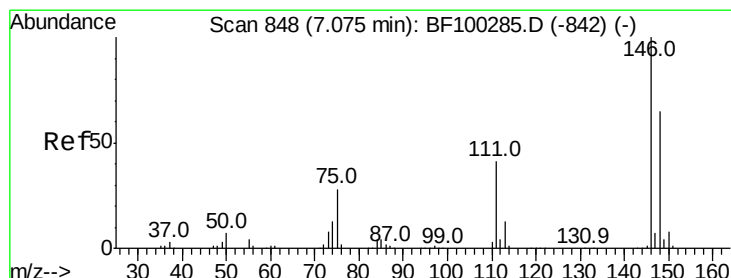
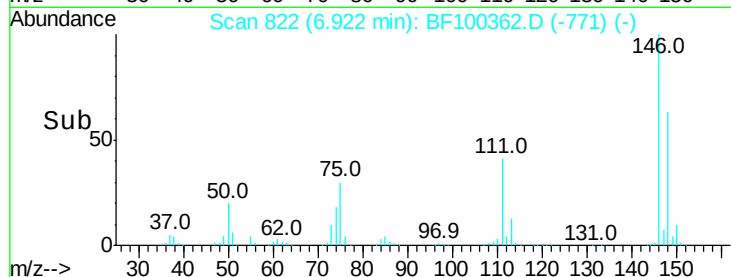
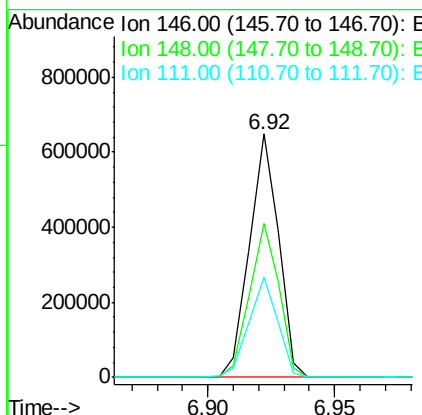
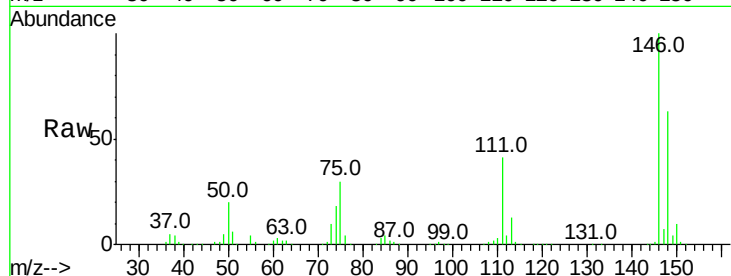




#13  
 1,4-Dichlorobenzene  
 Concen: 34.124 ng  
 RT: 6.92 min Scan# 822  
 Delta R.T. 0.00 min  
 Lab File: BF100362.D  
 Acq: 10 Nov 2017 1:05

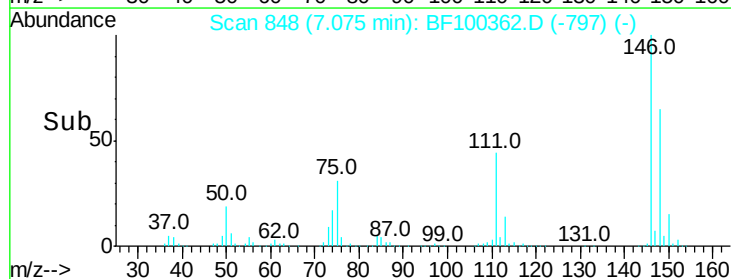
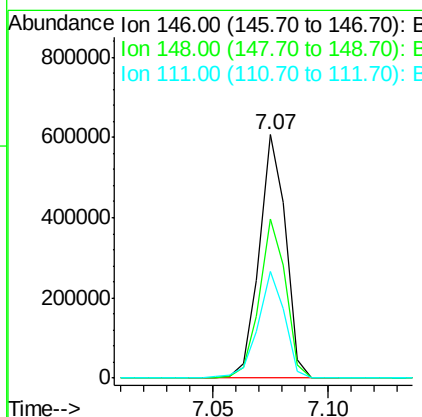
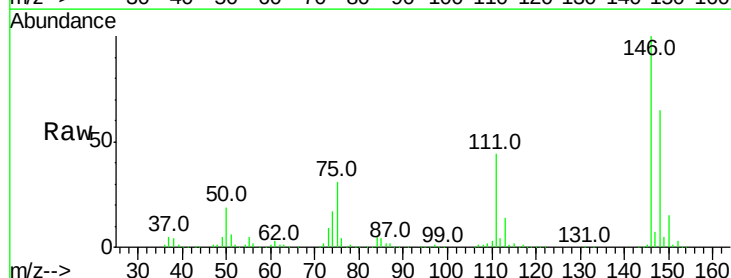
Instrument :  
 BNA\_F  
 ClientSampled :

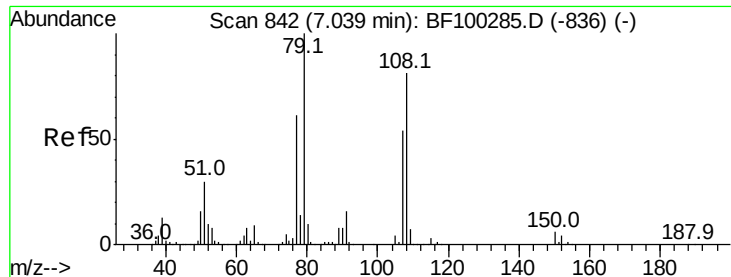
Tot Ion:146 Resp: 519286  
 Ion Ratio Lower Upper  
 146 100  
 148 63.2 50.8 76.2  
 111 41.0 34.2 51.2



#14  
 1,2-Dichlorobenzene  
 Concen: 34.585 ng  
 RT: 7.07 min Scan# 848  
 Delta R.T. 0.00 min  
 Lab File: BF100362.D  
 Acq: 10 Nov 2017 1:05

Tgt Ion:146 Resp: 486613  
 Ion Ratio Lower Upper  
 146 100  
 148 65.1 50.6 75.8  
 111 43.7 36.0 54.0





#15

Benzyl Alcohol

Concen: 36.060 ng

RT: 7.05 min Scan# 843

Delta R.T. 0.01 min

Lab File: BF100362.D

Acq: 10 Nov 2017 1:05

Instrument :

BNA\_F

ClientSampleId :

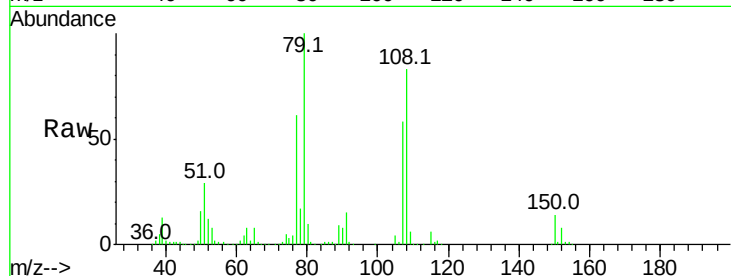
Tot Ion: 79 Resp: 427805

Ion Ratio Lower Upper

79 100

108 82.8 65.1 97.7

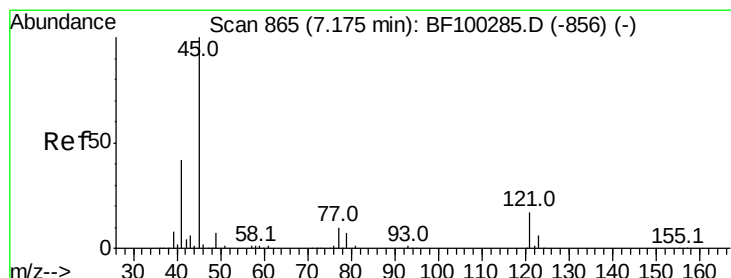
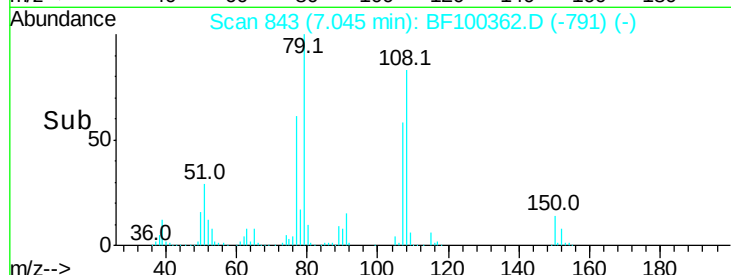
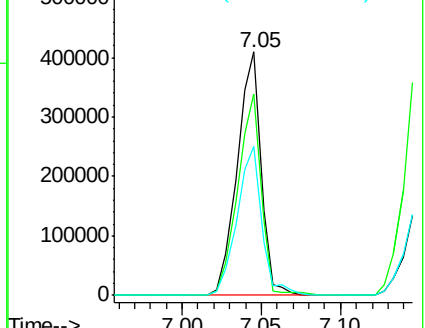
77 61.3 50.6 75.8



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: 40.688 ng

RT: 7.18 min Scan# 866

Delta R.T. 0.01 min

Lab File: BF100362.D

Acq: 10 Nov 2017 1:05

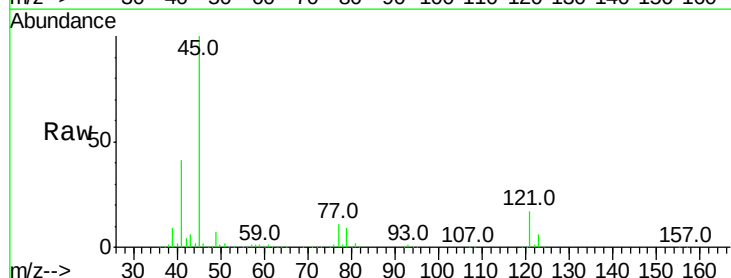
Tgt Ion: 45 Resp: 872269

Ion Ratio Lower Upper

45 100

77 11.4 0.0 32.9

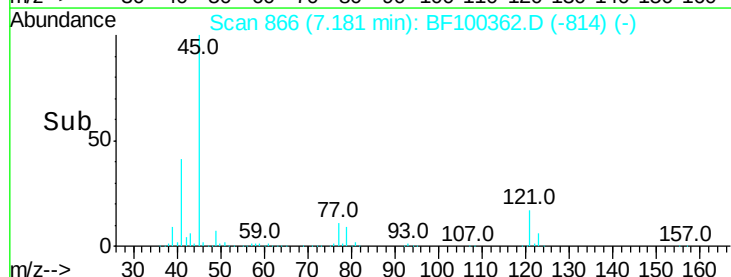
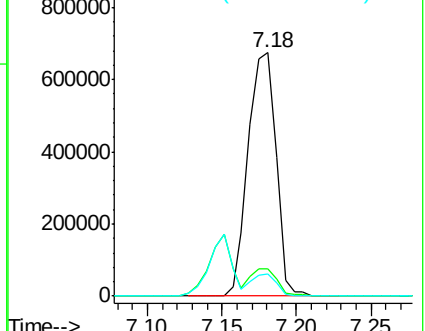
79 9.3 0.0 29.6

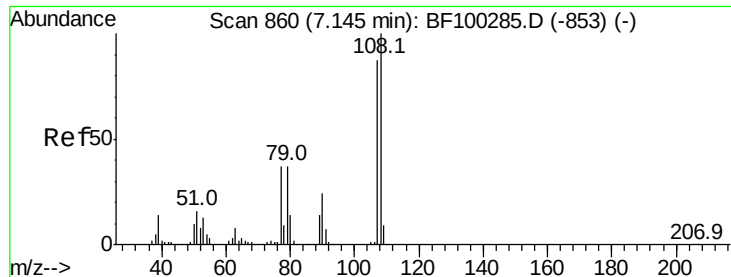


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

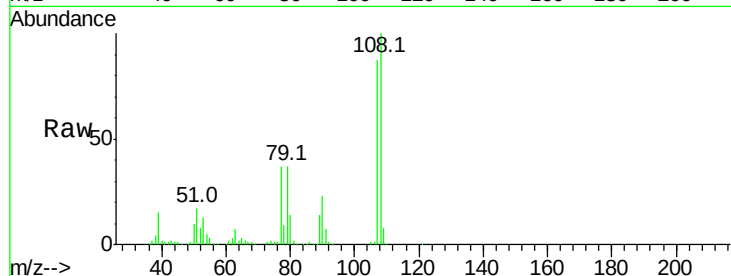




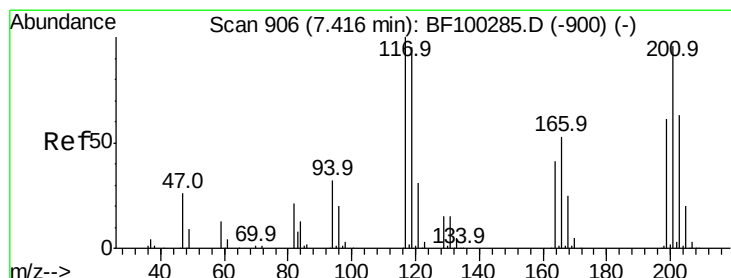
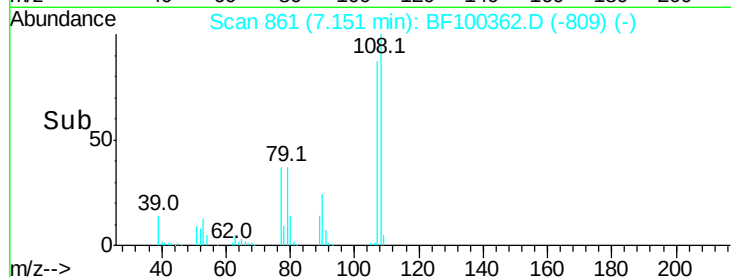
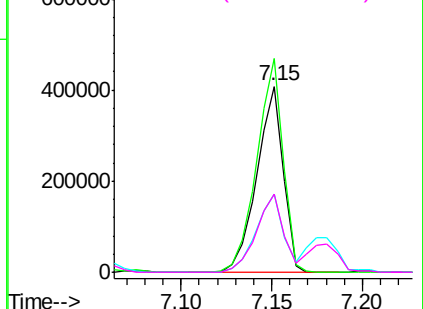
#17  
2-Methylphenol  
Concen: 37.121 ng  
RT: 7.15 min Scan# 861  
Delta R.T. 0.01 min  
Lab File: BF100362.D  
Acq: 10 Nov 2017 1:05

Instrument :  
BNA\_F  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 114.8 | 91.7  | 137.5 |
| 77      | 42.1  | 33.8  | 50.8  |
| 79      | 42.1  | 33.8  | 50.8  |

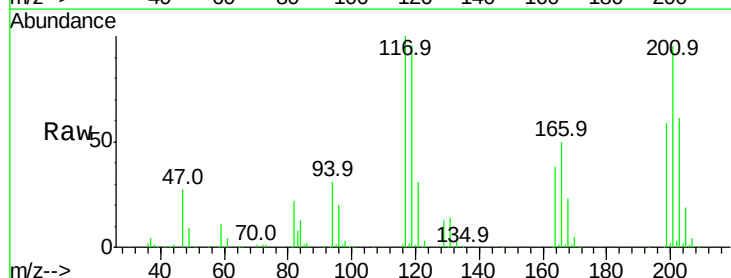


Abundance Ion 107.00 (106.70 to 107.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 77.00 (76.70 to 77.70): BF1  
Ion 79.00 (78.70 to 79.70): BF1

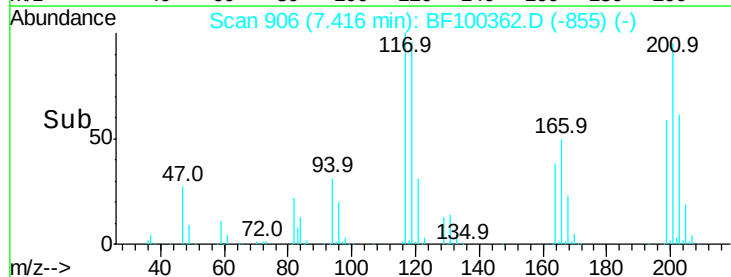
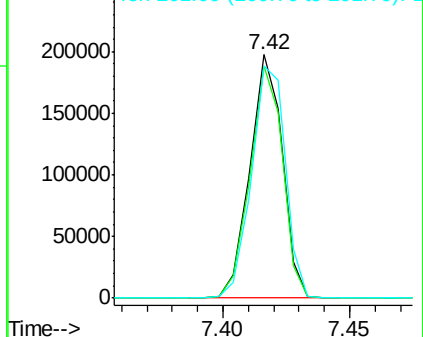


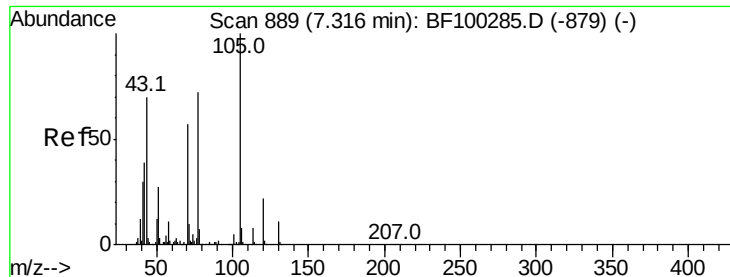
#18  
Hexachloroethane  
Concen: 35.124 ng  
RT: 7.42 min Scan# 906  
Delta R.T. 0.00 min  
Lab File: BF100362.D  
Acq: 10 Nov 2017 1:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 95.6  | 75.8  | 113.8 |
| 201     | 95.4  | 75.7  | 113.5 |



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





#19

n-Nitroso-di-n-propylamine

Concen: 31.983 ng

RT: 7.32 min Scan# 889

Delta R.T. 0.00 min

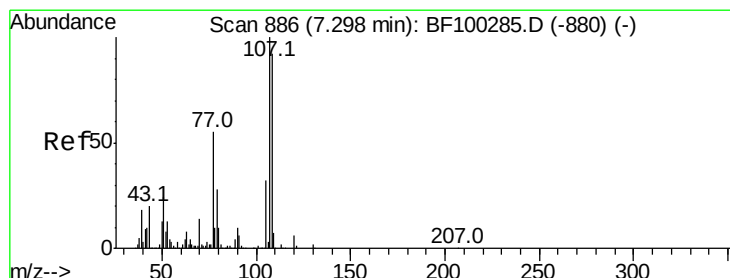
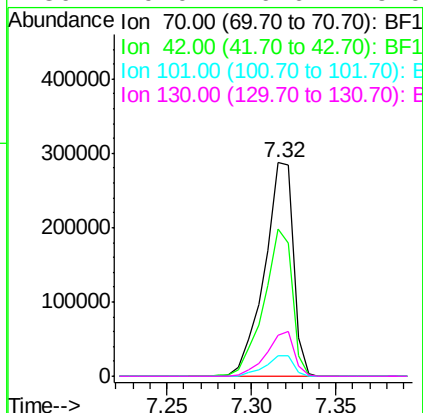
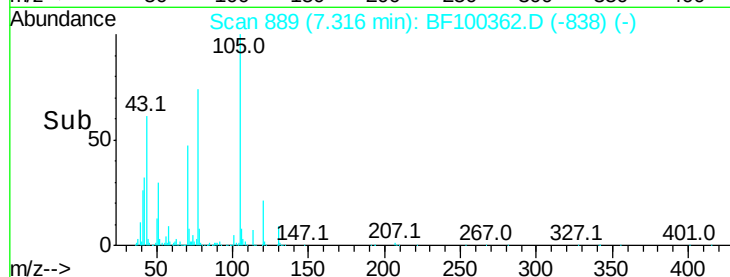
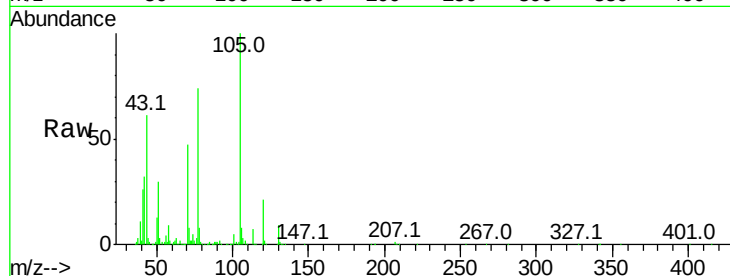
Lab File: BF100362.D

Acq: 10 Nov 2017 1:05

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion: 70 Resp: 337163

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 70  | 100   |       |       |
| 42  | 68.7  | 47.5  | 71.3  |
| 101 | 9.7   | 7.4   | 11.2  |
| 130 | 19.0  | 16.6  | 25.0  |



#20

3+4-Methylphenols

Concen: 35.031 ng

RT: 7.30 min Scan# 887

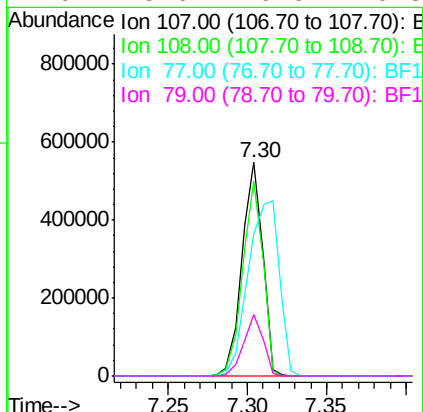
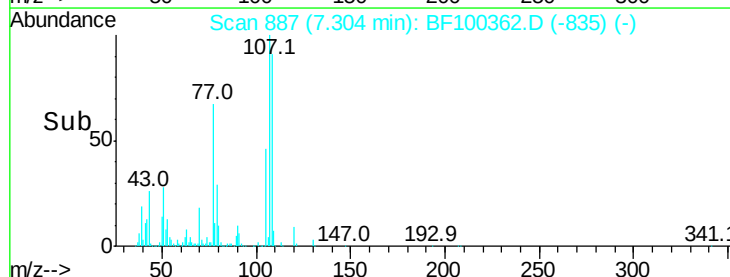
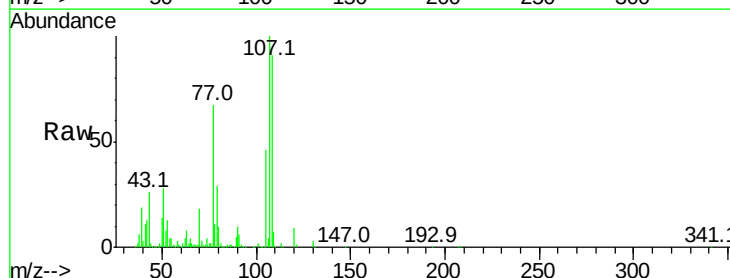
Delta R.T. 0.01 min

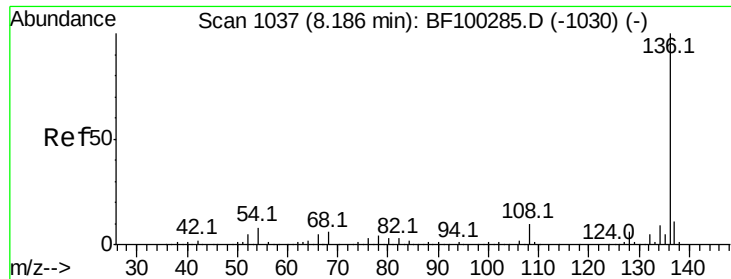
Lab File: BF100362.D

Acq: 10 Nov 2017 1:05

Tgt Ion: 107 Resp: 494020

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 107 | 100   |       |       |
| 108 | 90.9  | 68.2  | 108.2 |
| 77  | 66.8  | 26.7  | 66.7# |
| 79  | 28.6  | 6.3   | 46.3  |

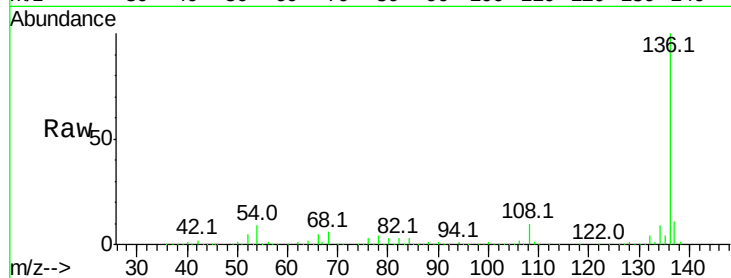




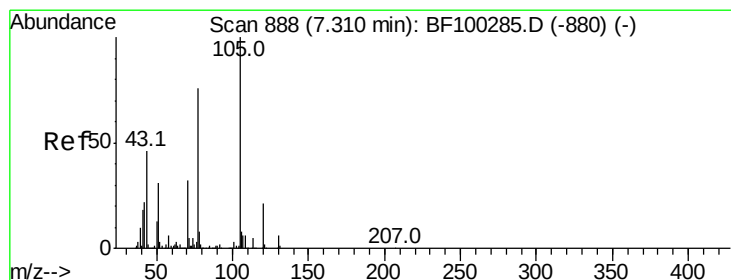
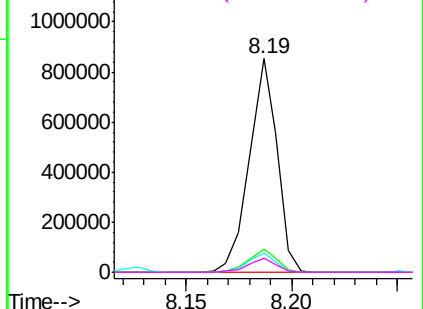
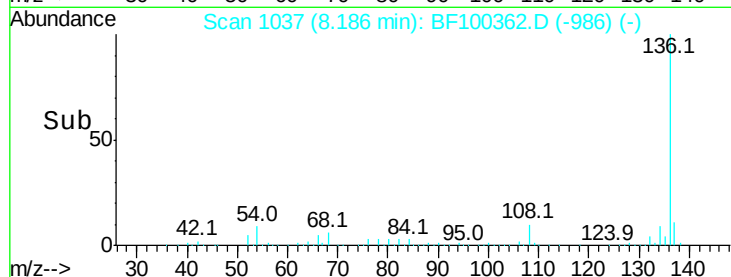
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.19 min Scan# 1037  
Delta R.T. 0.00 min  
Lab File: BF100362.D  
Acq: 10 Nov 2017 1:05

Instrument :  
BNA\_F  
ClientSampleId :

|             |       |        |
|-------------|-------|--------|
| Tot Ion:136 | Resp: | 779607 |
| Ion Ratio   | Lower | Upper  |
| 136 100     |       |        |
| 137 10.9    | 8.9   | 13.3   |
| 54 9.0      | 6.6   | 9.8    |
| 68 6.5      | 5.0   | 7.4    |

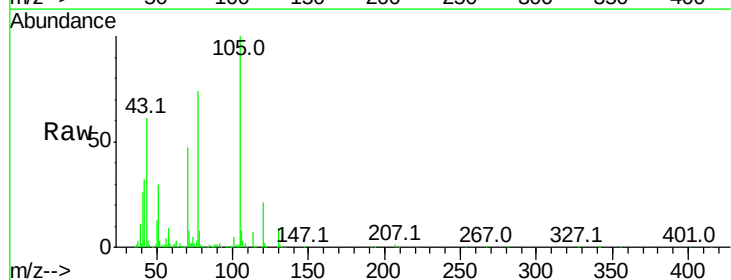


Abundance Ion 136.00 (135.70 to 136.70): E  
Ion 137.00 (136.70 to 137.70): E  
Ion 54.00 (53.70 to 54.70): BF1  
Ion 68.00 (67.70 to 68.70): BF1

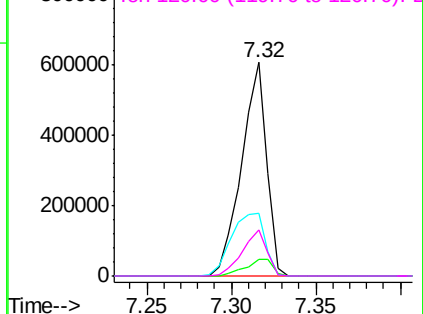
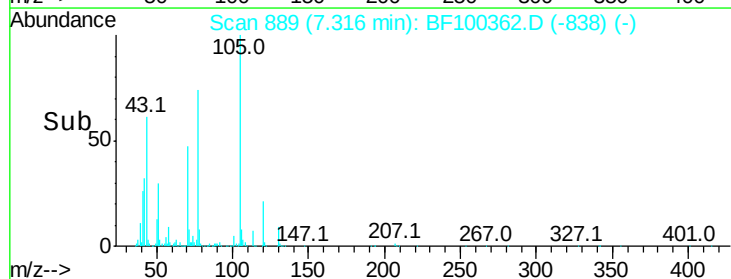


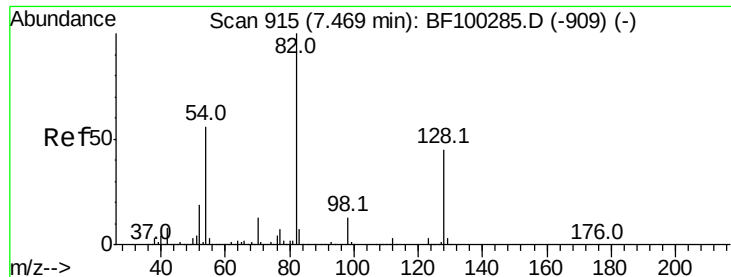
#22  
Acetophenone  
Concen: 33.099 ng  
RT: 7.32 min Scan# 889  
Delta R.T. 0.00 min  
Lab File: BF100362.D  
Acq: 10 Nov 2017 1:05

|             |       |        |
|-------------|-------|--------|
| Tgt Ion:105 | Resp: | 629237 |
| Ion Ratio   | Lower | Upper  |
| 105 100     |       |        |
| 71 7.9      | 4.4   | 6.6#   |
| 51 29.6     | 22.3  | 33.5   |
| 120 21.3    | 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

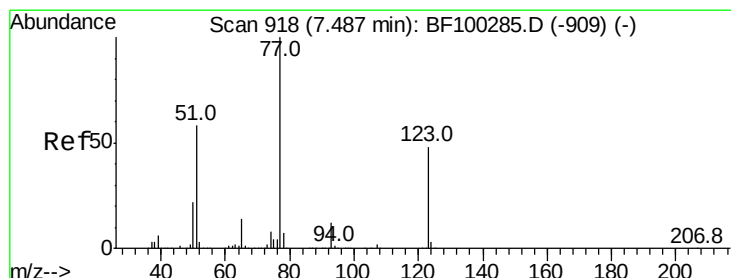
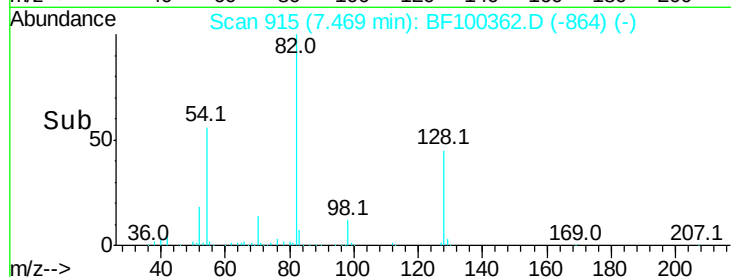
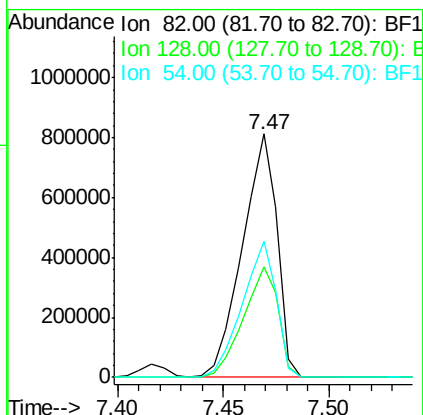
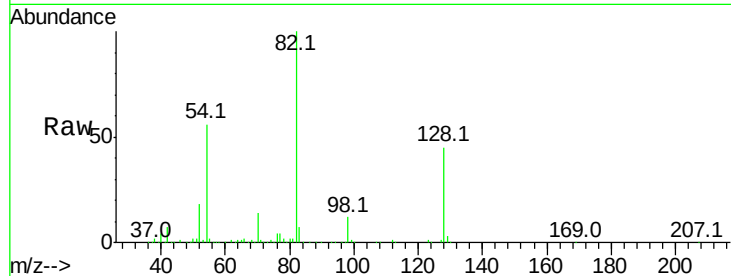




#23  
Nitrobenzene-d5  
Concen: 78.353 ng  
RT: 7.47 min Scan# 915  
Delta R.T. 0.00 min  
Lab File: BF100362.D  
Acq: 10 Nov 2017 1:05

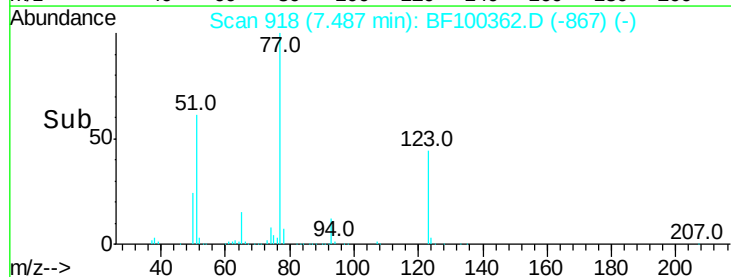
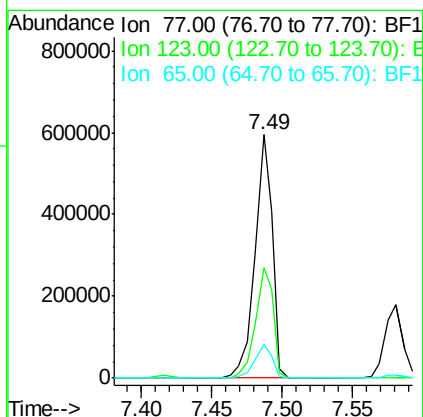
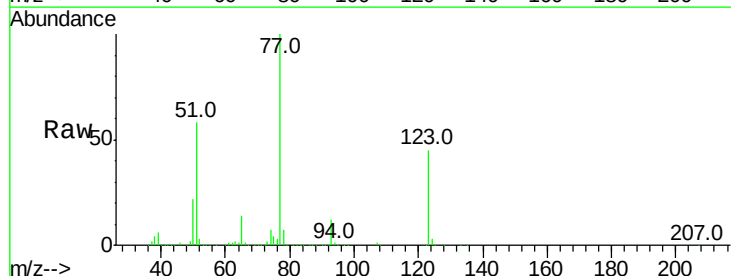
Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion: 82 Resp: 923931  
Ion Ratio Lower Upper  
82 100  
128 45.4 36.1 54.1  
54 56.0 41.4 62.2

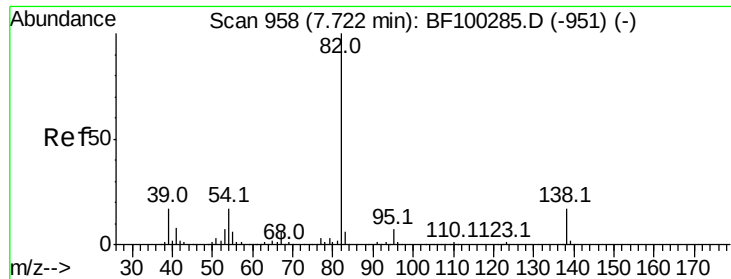


#24  
Nitrobenzene  
Concen: 42.414 ng  
RT: 7.49 min Scan# 918  
Delta R.T. 0.00 min  
Lab File: BF100362.D  
Acq: 10 Nov 2017 1:05

Tgt Ion: 77 Resp: 514769  
Ion Ratio Lower Upper  
77 100  
123 45.2 37.9 56.9  
65 13.9 11.0 16.4



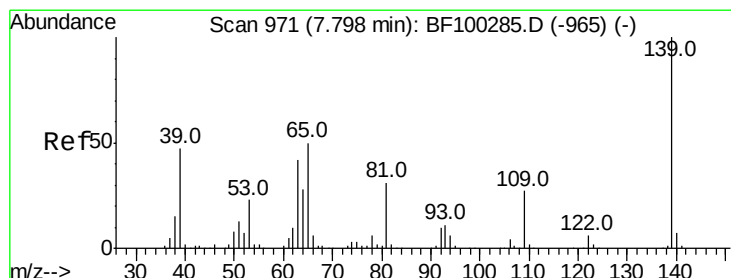
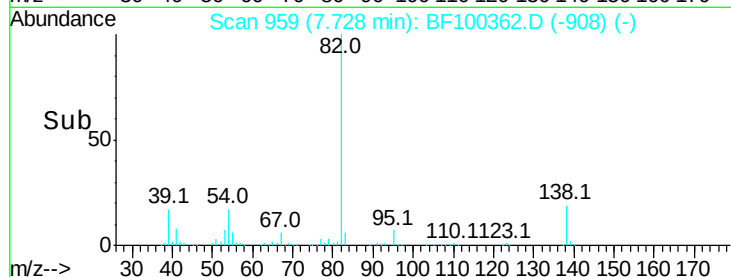
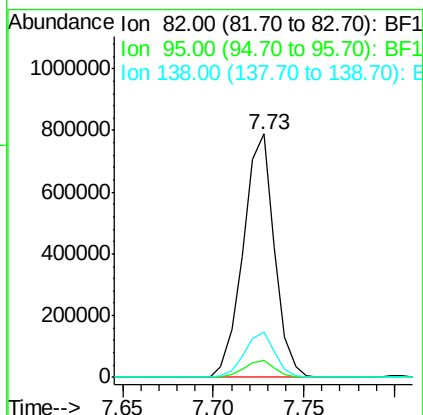
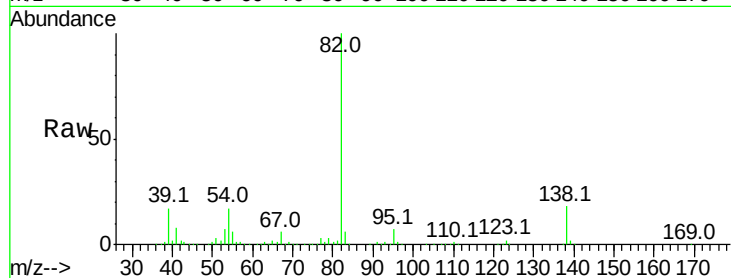




#25  
Isophorone  
Concen: 38.116 ng  
RT: 7.73 min Scan# 959  
Delta R.T. 0.00 min  
Lab File: BF100362.D  
Acq: 10 Nov 2017 1:05

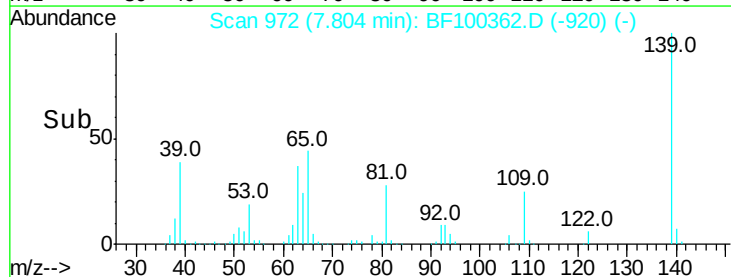
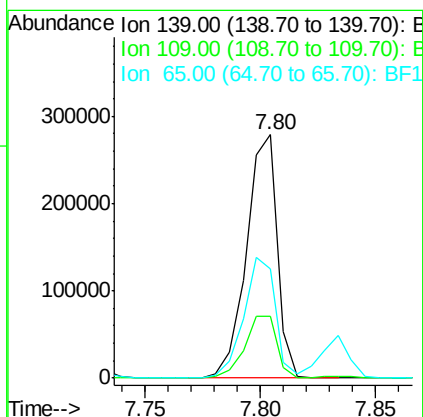
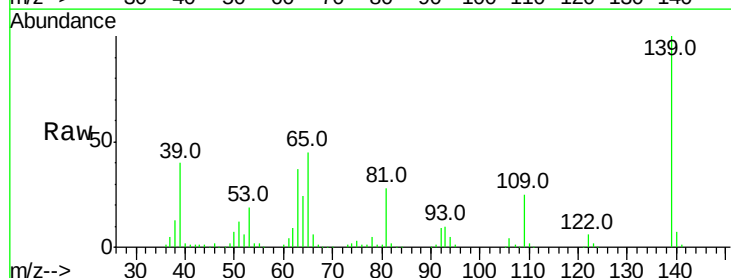
Instrument :  
BNA\_F  
ClientSampleId :

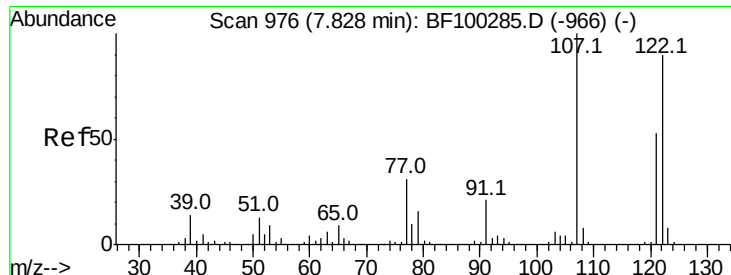
Tot Ion: 82 Resp: 944500  
Ion Ratio Lower Upper  
82 100  
95 6.8 5.2 7.8  
138 18.5 14.9 22.3



#26  
2-Nitrophenol  
Concen: 45.997 ng  
RT: 7.80 min Scan# 972  
Delta R.T. 0.01 min  
Lab File: BF100362.D  
Acq: 10 Nov 2017 1:05

Tgt Ion: 139 Resp: 260304  
Ion Ratio Lower Upper  
139 100  
109 25.3 22.7 34.1  
65 45.0 40.5 60.7

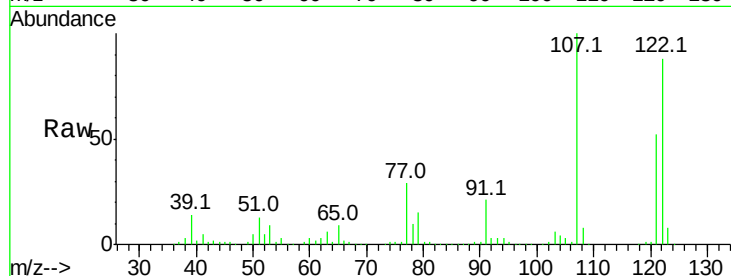




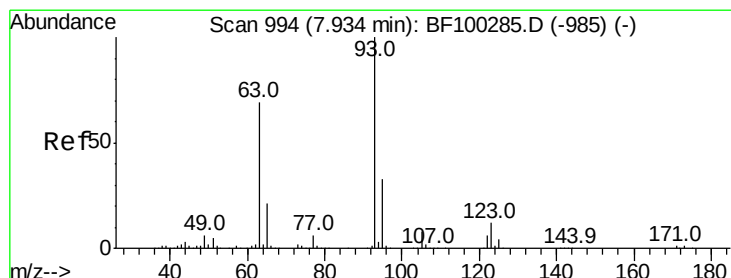
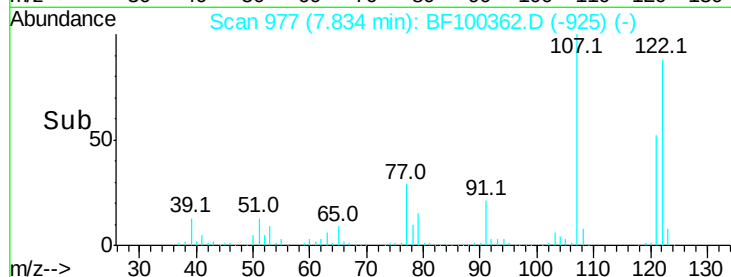
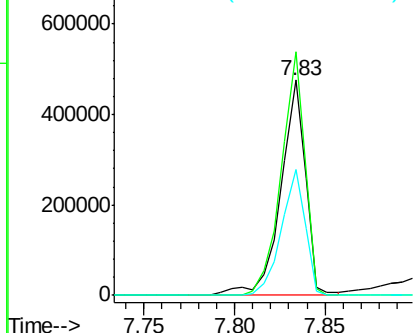
#27  
 2,4-Dimethylphenol  
 Concen: 40.896 ng  
 RT: 7.83 min Scan# 977  
 Delta R.T. 0.01 min  
 Lab File: BF100362.D  
 Acq: 10 Nov 2017 1:05

Instrument :  
 BNA\_F  
 ClientSampleId :

Tot Ion:122 Resp: 454281  
 Ion Ratio Lower Upper  
 122 100  
 107 113.3 91.2 136.8  
 121 58.8 47.2 70.8

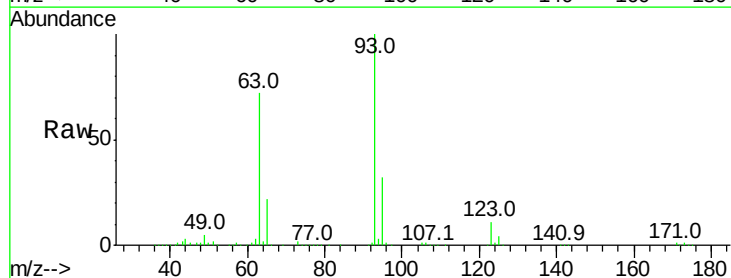


Abundance Ion 122.00 (121.70 to 122.70): E  
 Ion 107.00 (106.70 to 107.70): E  
 Ion 121.00 (120.70 to 121.70): E

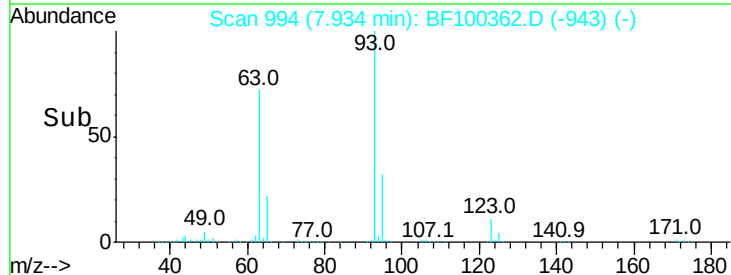
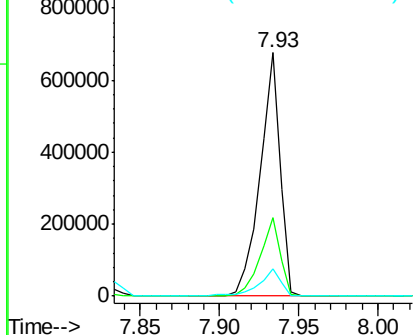


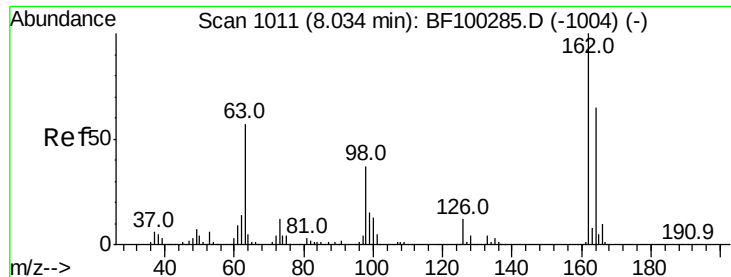
#28  
 bis(2-Chloroethoxy)methane  
 Concen: 37.016 ng  
 RT: 7.93 min Scan# 994  
 Delta R.T. 0.00 min  
 Lab File: BF100362.D  
 Acq: 10 Nov 2017 1:05

Tgt Ion: 93 Resp: 599984  
 Ion Ratio Lower Upper  
 93 100  
 95 32.5 26.3 39.5  
 123 11.0 9.8 14.6



Abundance Ion 93.00 (92.70 to 93.70): BF1  
 Ion 95.00 (94.70 to 95.70): BF1  
 Ion 123.00 (122.70 to 123.70): E

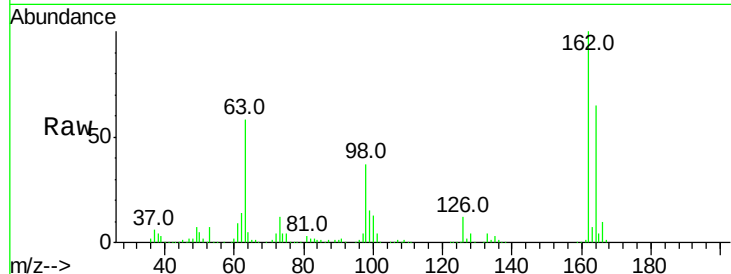




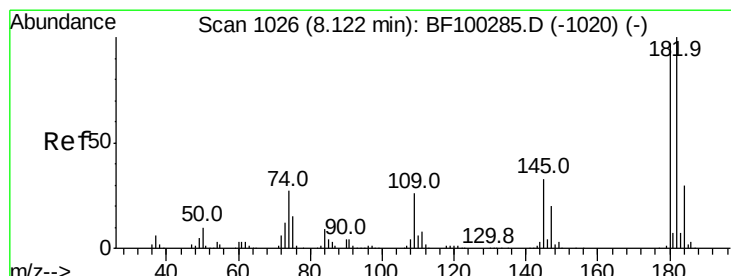
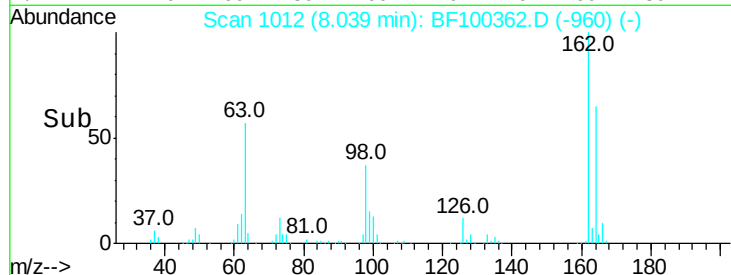
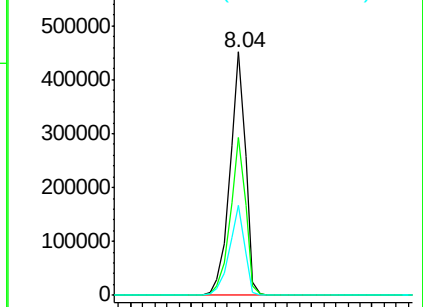
#29  
2,4-Dichlorophenol  
Concen: 38.333 ng  
RT: 8.04 min Scan# 1012  
Delta R.T. 0.01 min  
Lab File: BF100362.D  
Acq: 10 Nov 2017 1:05

Instrument :  
BNA\_F  
ClientSampled :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 64.8  | 42.7  | 82.7  |
| 98      | 36.9  | 18.1  | 58.1  |

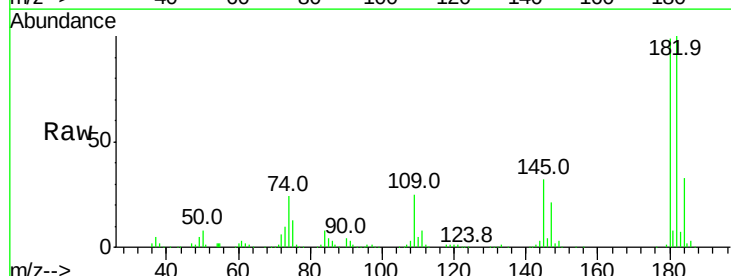


Abundance Ion 162.00 (161.70 to 162.70): E  
Ion 164.00 (163.70 to 164.70): E  
Ion 98.00 (97.70 to 98.70): BF1

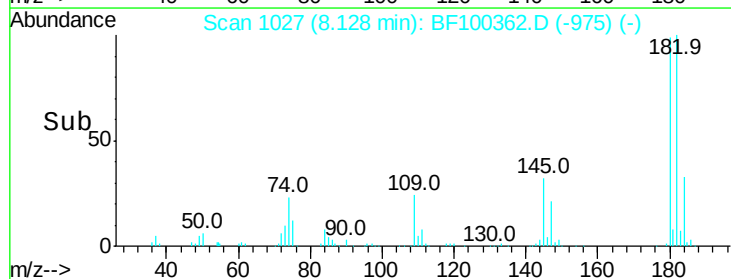
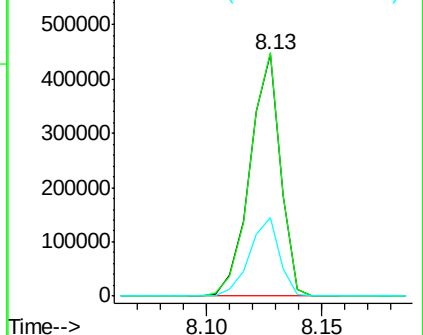


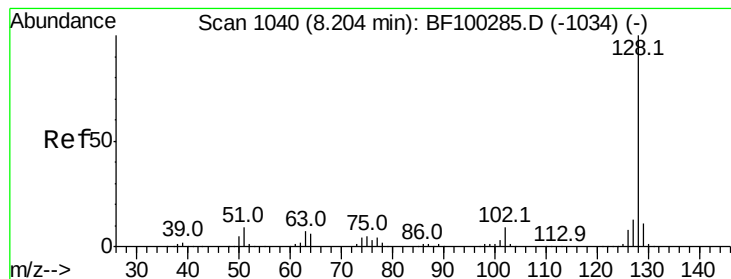
#30  
1,2,4-Trichlorobenzene  
Concen: 35.876 ng  
RT: 8.13 min Scan# 1027  
Delta R.T. 0.01 min  
Lab File: BF100362.D  
Acq: 10 Nov 2017 1:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 100.5 | 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: 34.680 ng

RT: 8.21 min Scan# 1041

Delta R.T. 0.00 min

Lab File: BF100362.D

Acq: 10 Nov 2017 1:05

Instrument :

BNA\_F

ClientSampleId :

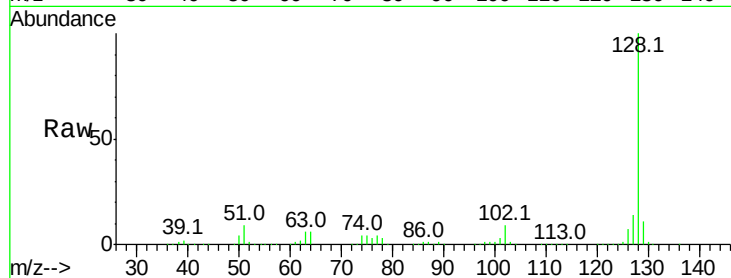
Tot Ion:128 Resp: 1302254

Ion Ratio Lower Upper

128 100

129 11.3 8.8 13.2

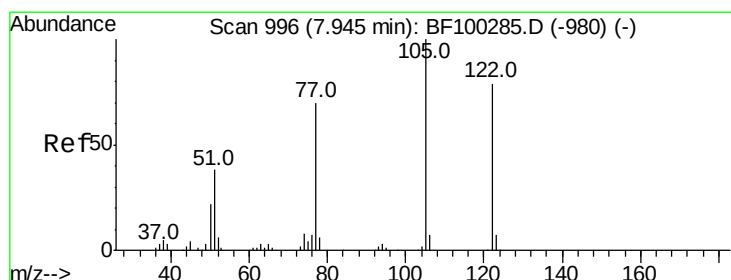
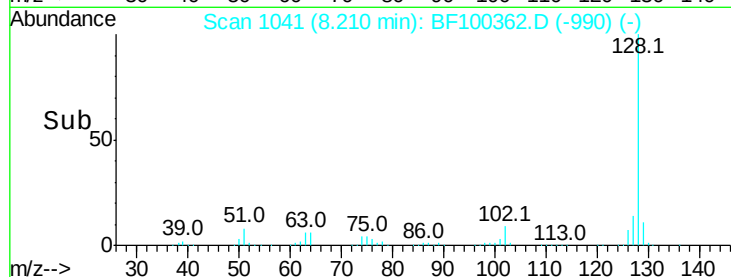
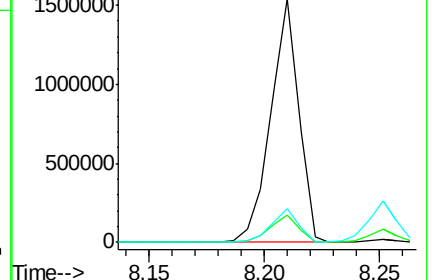
127 13.6 10.9 16.3



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: 20.827 ng

RT: 7.92 min Scan# 991

Delta R.T. -0.04 min

Lab File: BF100362.D

Acq: 10 Nov 2017 1:05

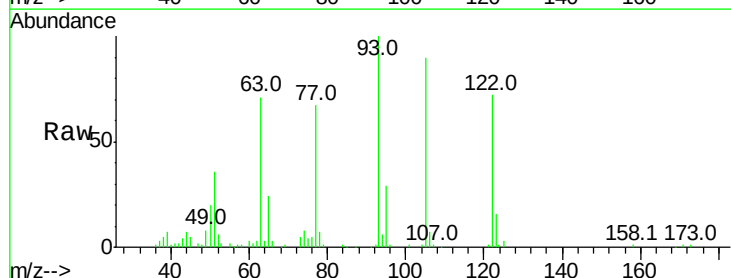
Tgt Ion:122 Resp: 121088

Ion Ratio Lower Upper

122 100

105 125.3 101.1 141.1

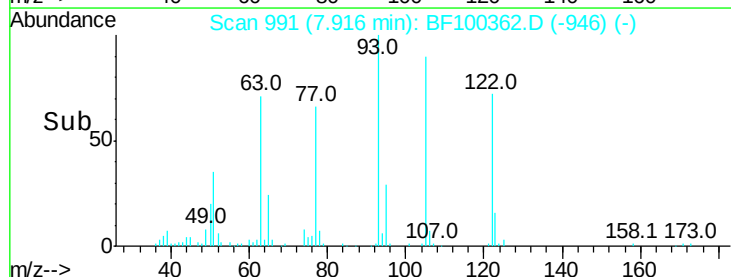
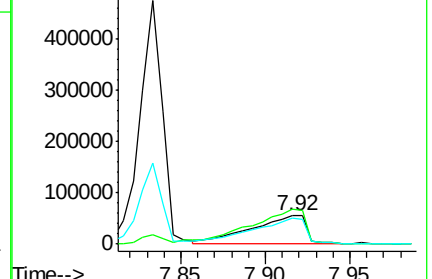
77 93.5 70.7 110.7

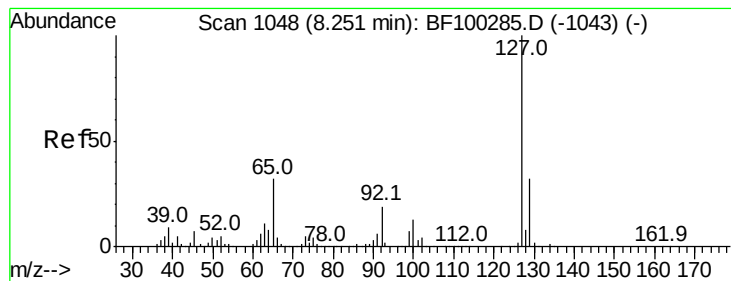


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





#33

4-Chloroaniline

Concen: 14.638 ng

RT: 8.25 min Scan# 1048

Delta R.T. 0.00 min

Lab File: BF100362.D

Acq: 10 Nov 2017 1:05

Instrument :

BNA\_F

ClientSampleId :

Tot Ion:127 Resp: 228800

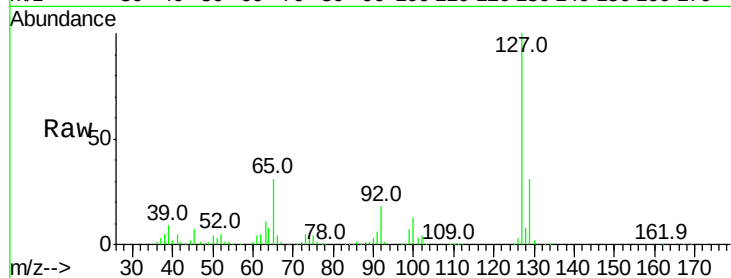
Ion Ratio Lower Upper

127 100

129 31.3 25.9 38.9

65 31.4 25.0 37.4

92 18.4 15.2 22.8

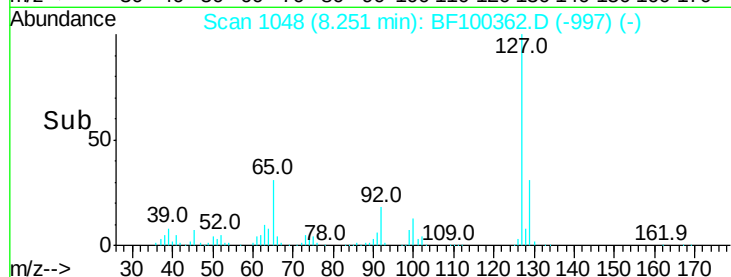


Abundance Ion 127.00 (126.70 to 127.70): E

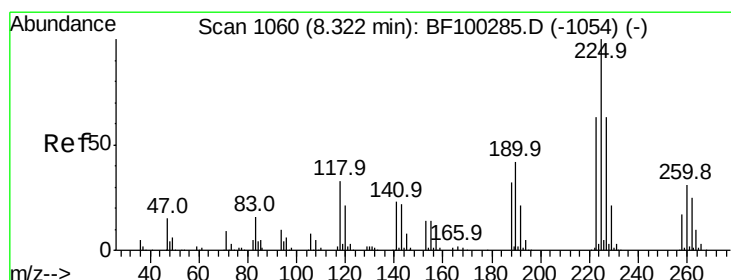
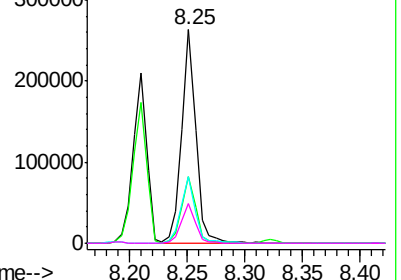
Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



Time-->



#34

Hexachlorobutadiene

Concen: 34.513 ng

RT: 8.32 min Scan# 1060

Delta R.T. 0.00 min

Lab File: BF100362.D

Acq: 10 Nov 2017 1:05

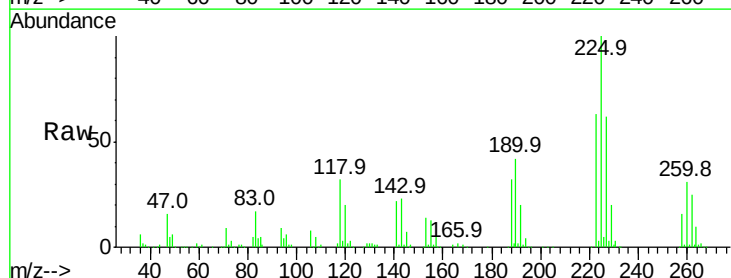
Tgt Ion:225 Resp: 235390

Ion Ratio Lower Upper

225 100

223 63.2 50.6 76.0

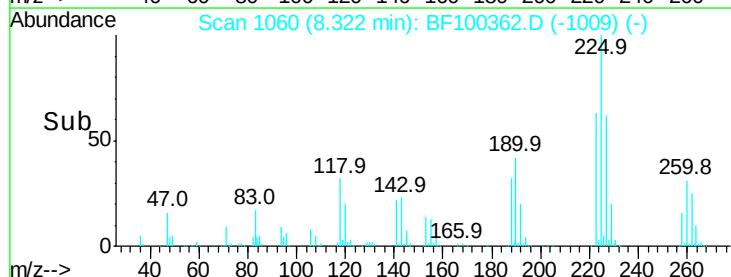
227 61.6 51.9 77.9



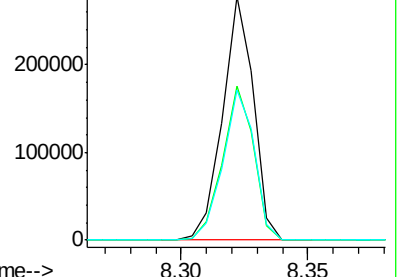
Abundance Ion 225.00 (224.70 to 225.70): E

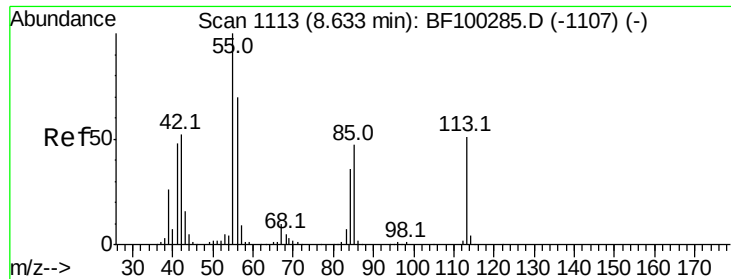
Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



Time-->

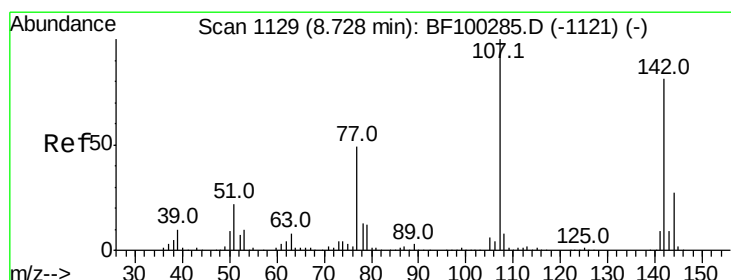
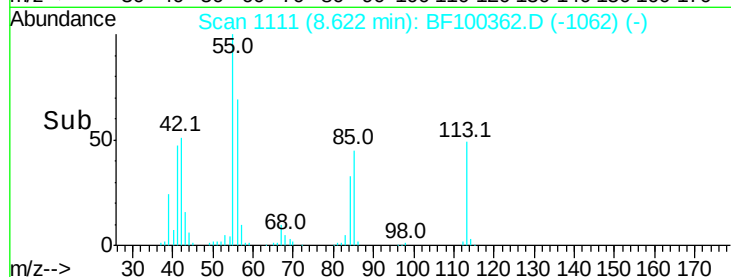
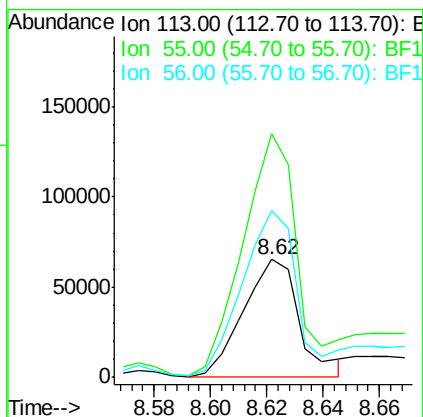
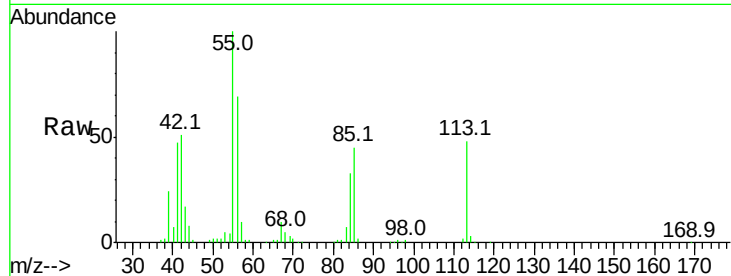




#35  
 Caprolactam  
 Concen: 24.848 ng  
 RT: 8.62 min Scan# 1111  
 Delta R.T. -0.01 min  
 Lab File: BF100362.D  
 Acq: 10 Nov 2017 1:05

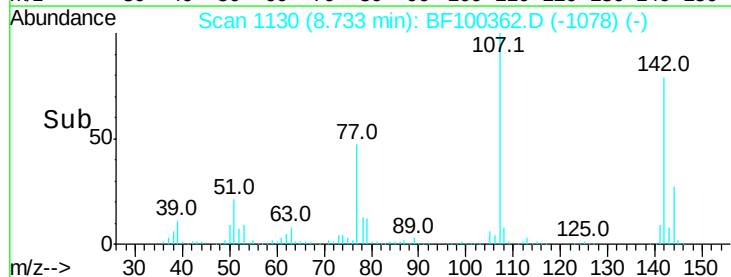
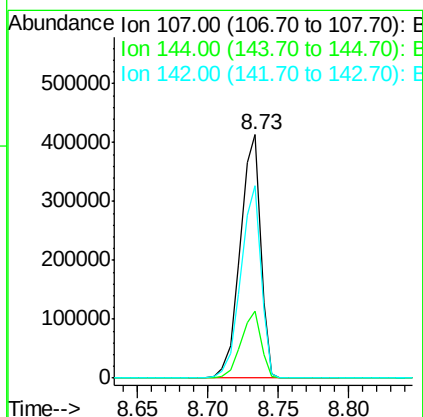
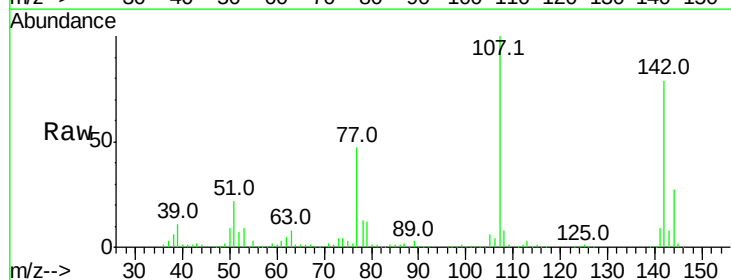
Instrument :  
 BNA\_F  
 ClientSampleId :

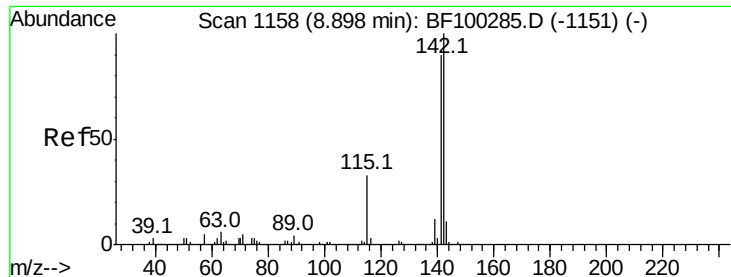
Tot Ion:113 Resp: 90428  
 Ion Ratio Lower Upper  
 113 100  
 55 206.5 163.3 203.3#  
 56 141.6 115.7 155.7



#36  
 4-Chloro-3-methylphenol  
 Concen: 36.759 ng  
 RT: 8.73 min Scan# 1130  
 Delta R.T. 0.01 min  
 Lab File: BF100362.D  
 Acq: 10 Nov 2017 1:05

Tgt Ion:107 Resp: 418655  
 Ion Ratio Lower Upper  
 107 100  
 144 27.5 20.5 30.7  
 142 79.0 62.0 93.0

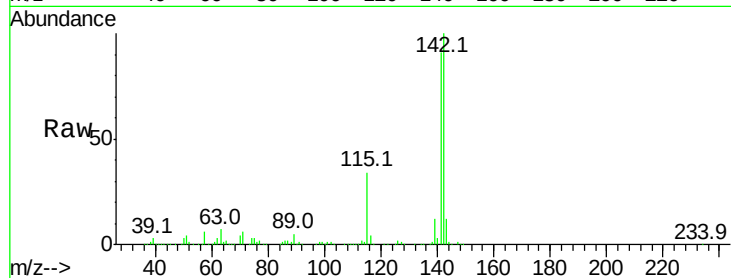




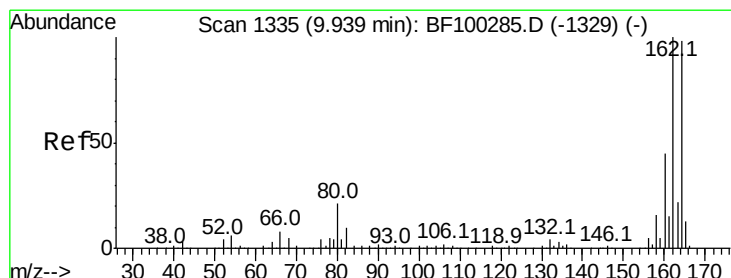
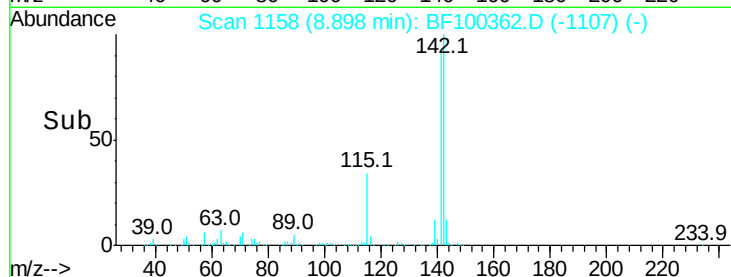
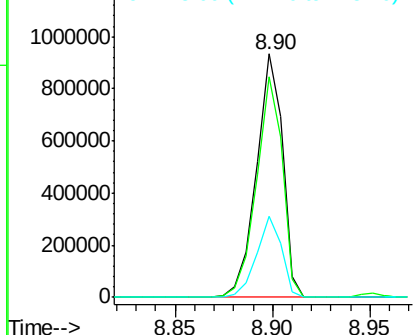
#37  
 2-Methylnaphthalene  
 Concen: 34.704 ng  
 RT: 8.90 min Scan# 1158  
 Delta R.T. 0.00 min  
 Lab File: BF100362.D  
 Acq: 10 Nov 2017 1:05

Instrument :  
 BNA\_F  
 ClientSampleId :

Tot Ion:142 Resp: 865144  
 Ion Ratio Lower Upper  
 142 100  
 141 90.7 70.8 106.2  
 115 33.5 26.1 39.1

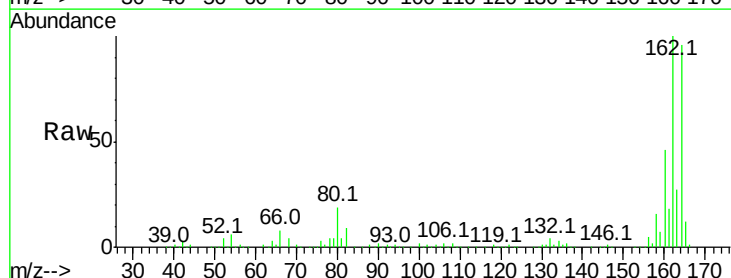


Abundance Ion 142.00 (141.70 to 142.70): E  
 Ion 141.00 (140.70 to 141.70): E  
 Ion 115.00 (114.70 to 115.70): E

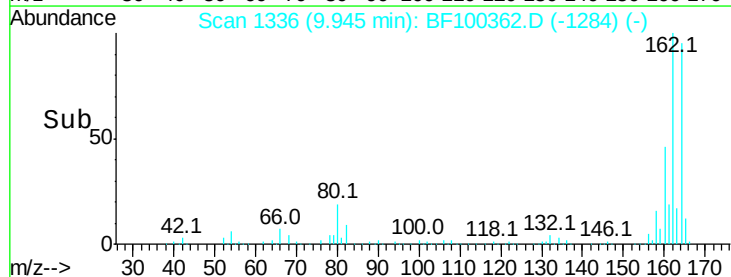
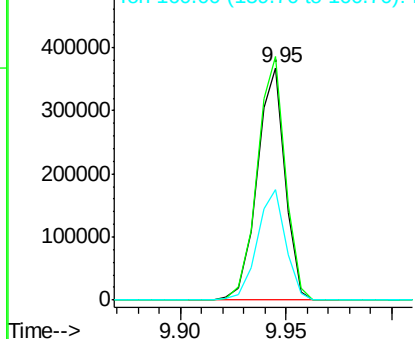


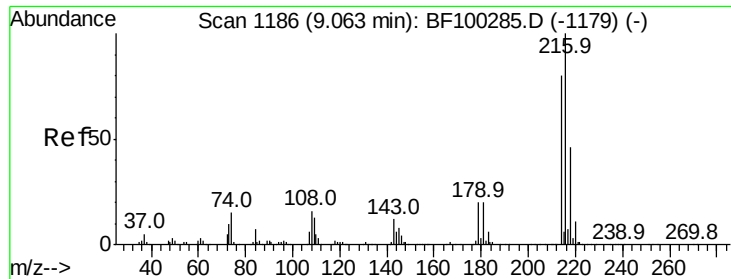
#38  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 9.95 min Scan# 1336  
 Delta R.T. 0.01 min  
 Lab File: BF100362.D  
 Acq: 10 Nov 2017 1:05

Tgt Ion:164 Resp: 337735  
 Ion Ratio Lower Upper  
 164 100  
 162 104.6 86.1 129.1  
 160 47.6 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: 34.950 ng

RT: 9.06 min Scan# 1186

Delta R.T. 0.00 min

Lab File: BF100362.D

Acq: 10 Nov 2017 1:05

Instrument :

BNA\_F

ClientSampleId :

Tot Ion:216 Resp: 391470

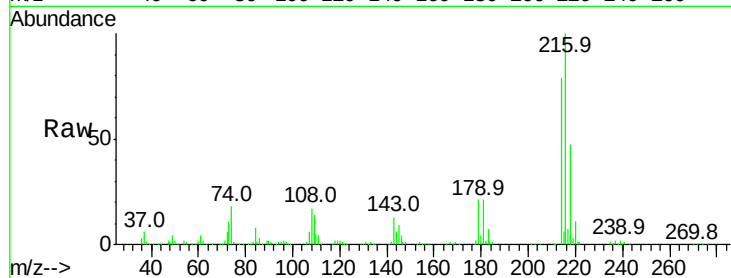
Ion Ratio Lower Upper

216 100

214 79.1 63.0 94.4

179 20.2 18.1 27.1

108 18.2 17.2 25.8

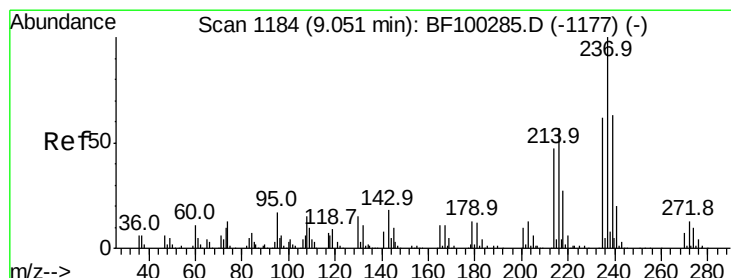
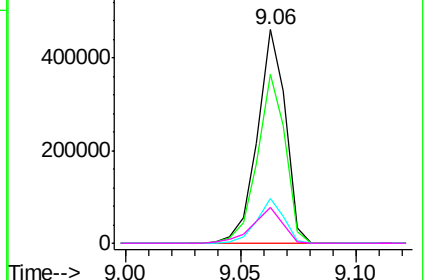
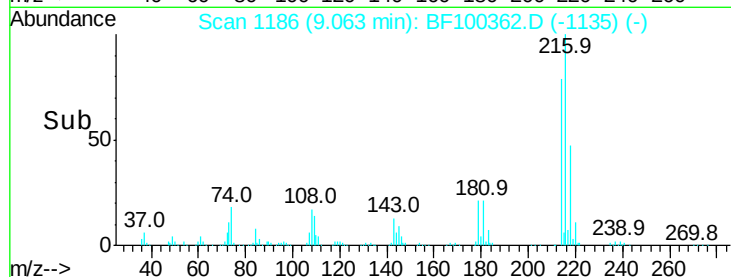


Abundance Ion 216.00 (215.70 to 216.70): E

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: 45.147 ng

RT: 9.05 min Scan# 1184

Delta R.T. 0.00 min

Lab File: BF100362.D

Acq: 10 Nov 2017 1:05

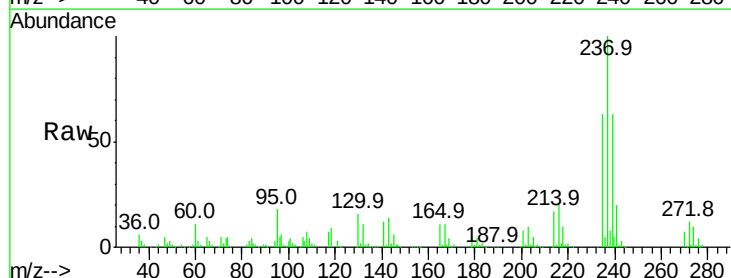
Tgt Ion:237 Resp: 238004

Ion Ratio Lower Upper

237 100

235 62.7 44.8 84.8

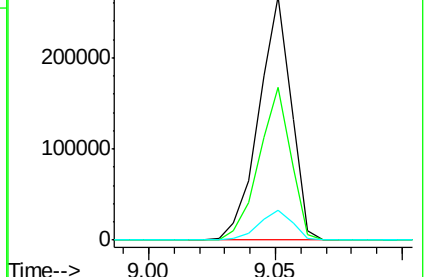
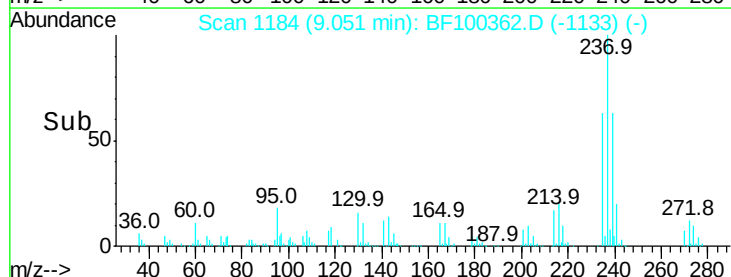
272 12.2 0.0 33.3



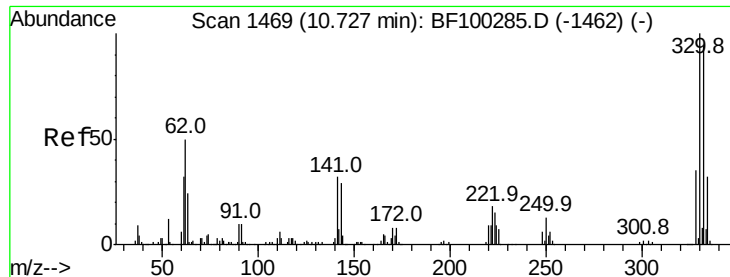
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



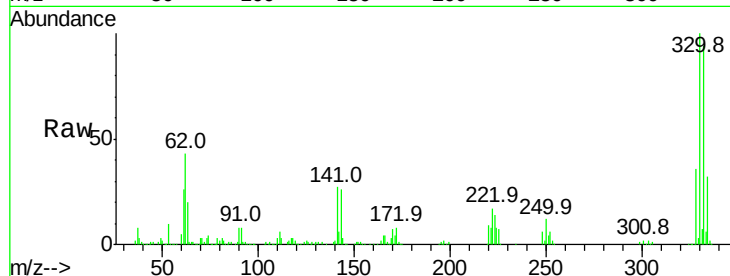




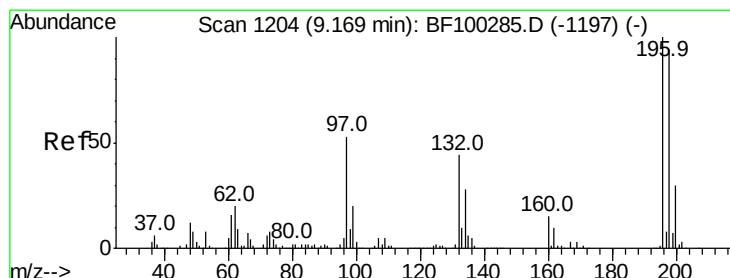
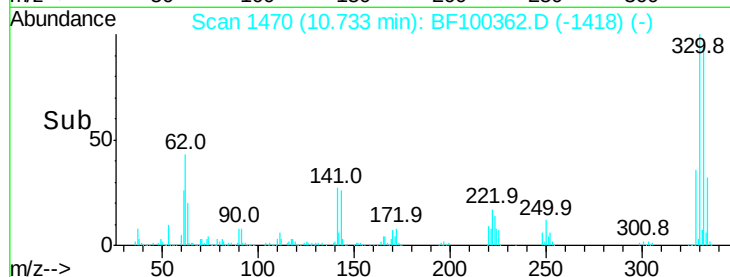
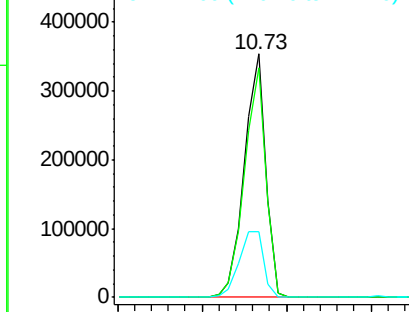
#41  
 2,4,6-Tribromophenol  
 Concen: 91.414 ng  
 RT: 10.73 min Scan# 1470  
 Delta R.T. 0.01 min  
 Lab File: BF100362.D  
 Acq: 10 Nov 2017 1:05

Instrument :  
 BNA\_F  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 94.8  | 77.0  | 115.6 |
| 141     | 30.8  | 29.9  | 44.9  |

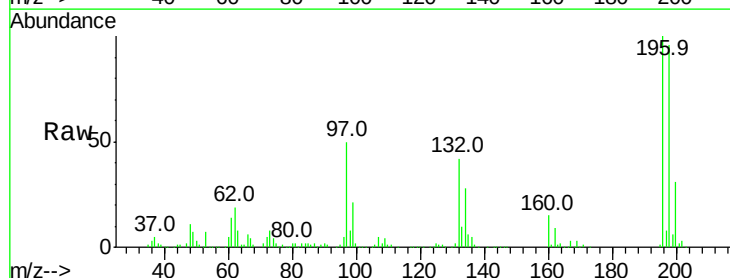


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

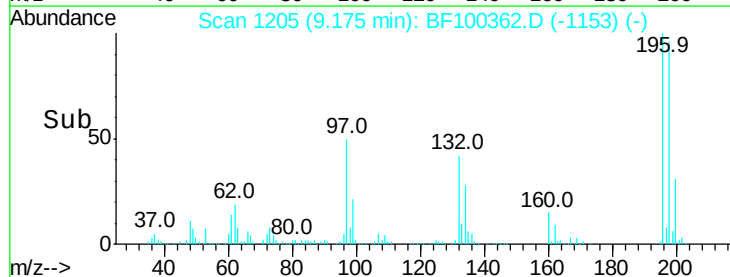
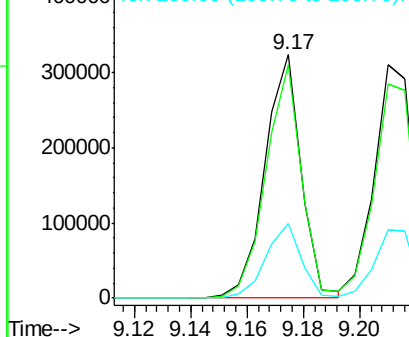


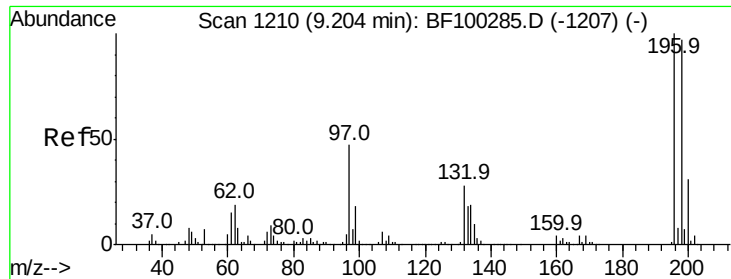
#42  
 2,4,6-Trichlorophenol  
 Concen: 40.614 ng  
 RT: 9.17 min Scan# 1205  
 Delta R.T. 0.01 min  
 Lab File: BF100362.D  
 Acq: 10 Nov 2017 1:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 95.7  | 75.7  | 113.5 |
| 200     | 30.7  | 24.5  | 36.7  |



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

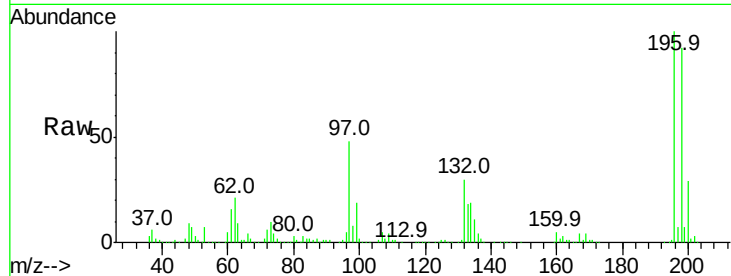




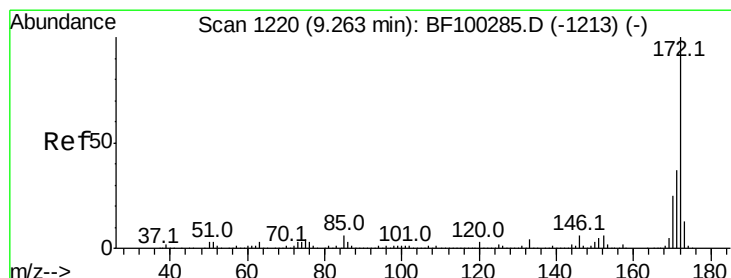
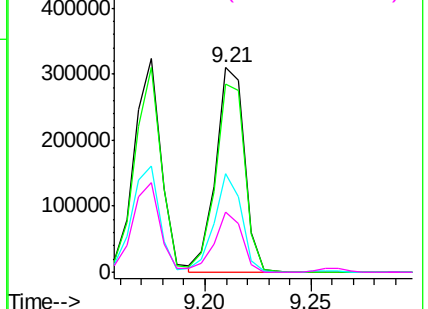
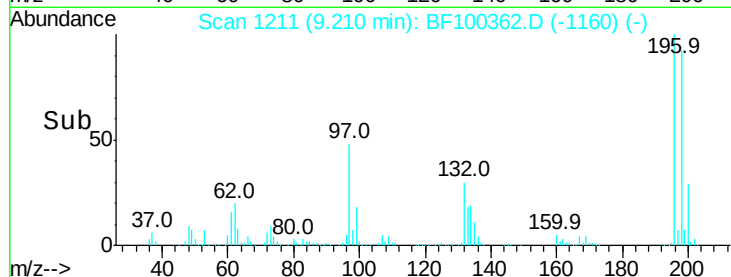
#43  
 2,4,5-Trichlorophenol  
 Concen: 39.907 ng  
 RT: 9.21 min Scan# 1211  
 Delta R.T. 0.00 min  
 Lab File: BF100362.D  
 Acq: 10 Nov 2017 1:05

Instrument :  
 BNA\_F  
 ClientSampled :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 91.7  | 74.6  | 112.0 |
| 97      | 48.5  | 42.9  | 64.3  |
| 132     | 29.7  | 26.3  | 39.5  |

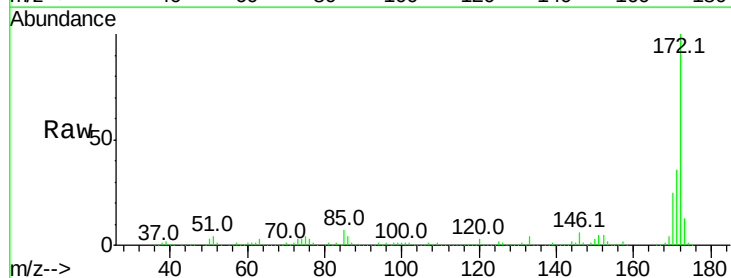


Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 97.00 (96.70 to 97.70): BF1  
 Ion 132.00 (131.70 to 132.70): E

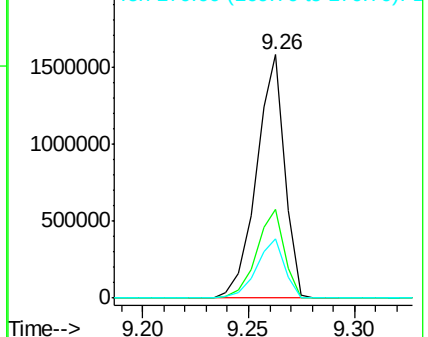
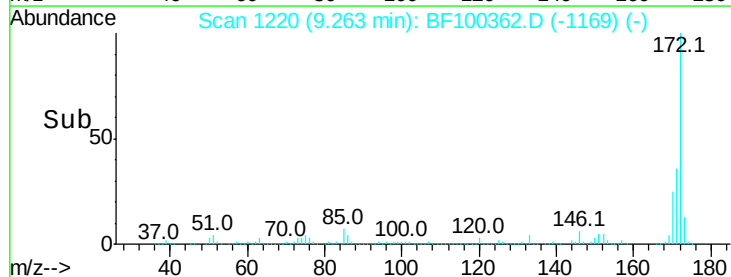


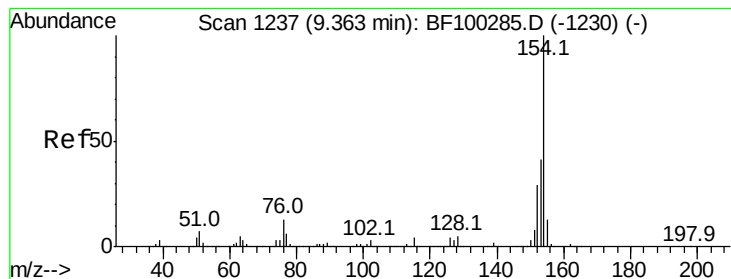
#44  
 2-Fluorobiphenyl  
 Concen: 65.837 ng  
 RT: 9.26 min Scan# 1220  
 Delta R.T. 0.00 min  
 Lab File: BF100362.D  
 Acq: 10 Nov 2017 1:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 36.4  | 29.7  | 44.5  |
| 170     | 24.5  | 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: 34.519 ng

RT: 9.36 min Scan# 1237

Delta R.T. 0.00 min

Lab File: BF100362.D

Acq: 10 Nov 2017 1:05

Instrument :

BNA\_F

ClientSampleId :

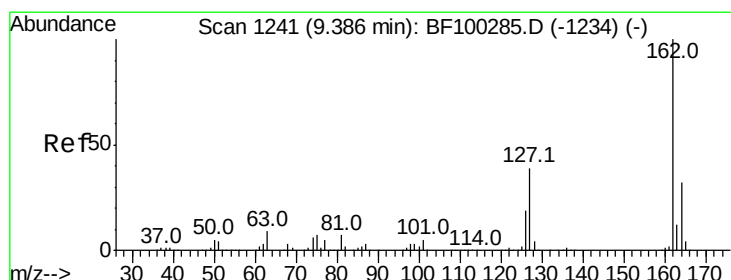
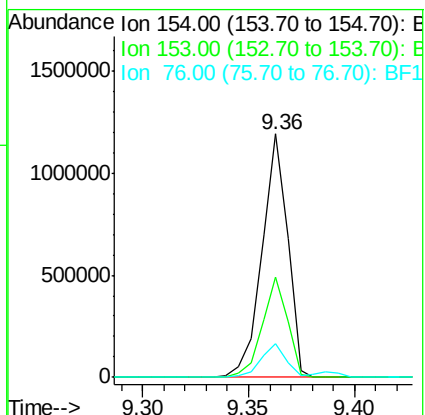
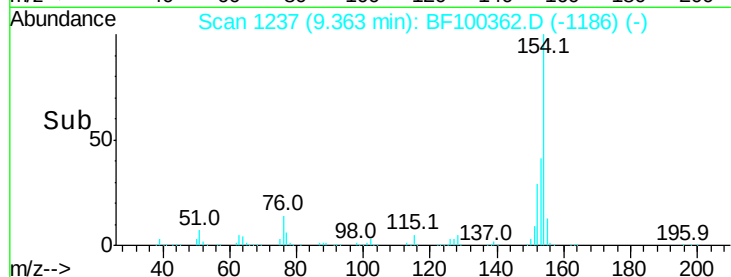
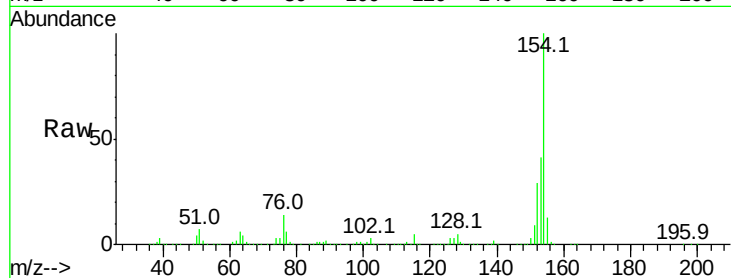
Tot Ion:154 Resp: 1008323

Ion Ratio Lower Upper

154 100

153 41.2 21.3 61.3

76 13.8 0.0 34.0



#46

2-Chloronaphthalene

Concen: 37.190 ng

RT: 9.39 min Scan# 1241

Delta R.T. 0.00 min

Lab File: BF100362.D

Acq: 10 Nov 2017 1:05

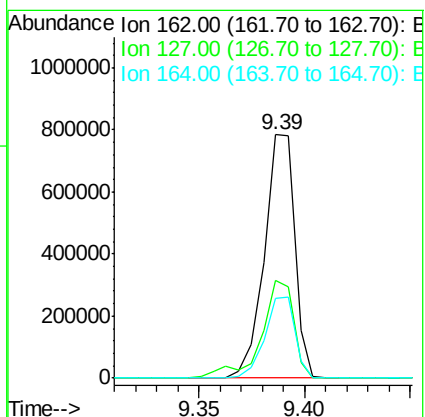
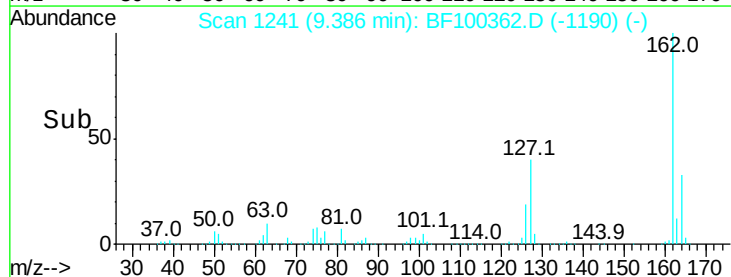
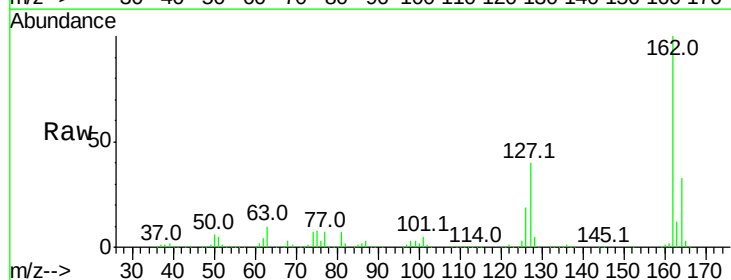
Tgt Ion:162 Resp: 788107

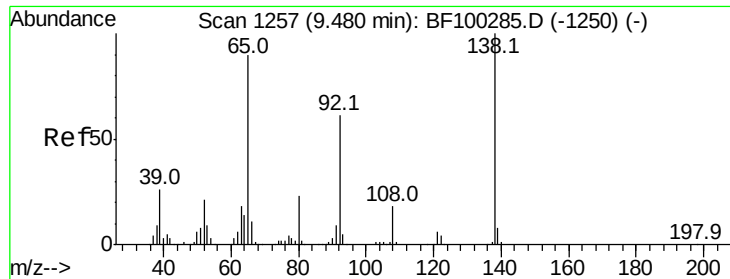
Ion Ratio Lower Upper

162 100

127 40.1 33.9 50.9

164 32.6 26.5 39.7

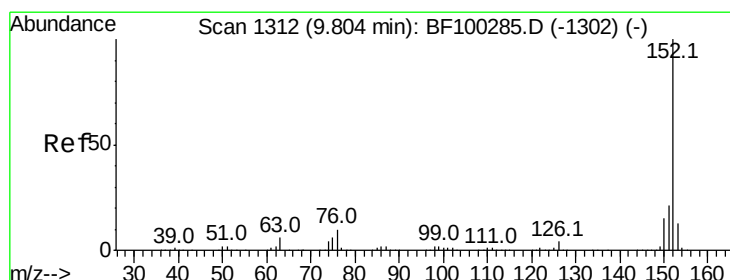
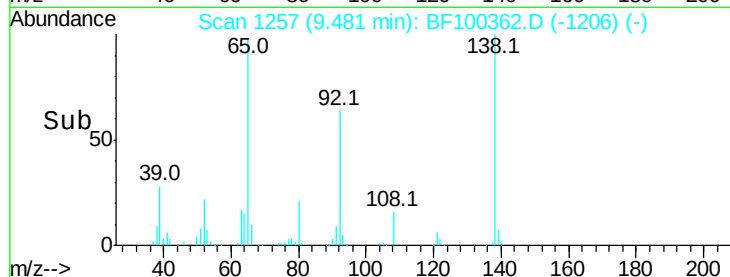
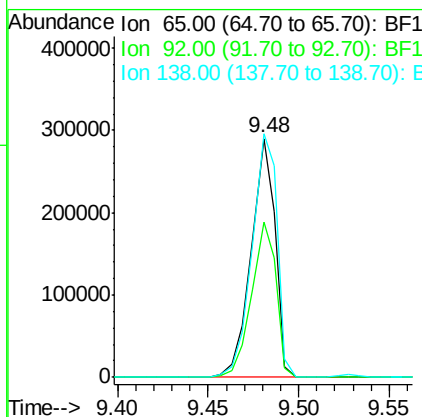
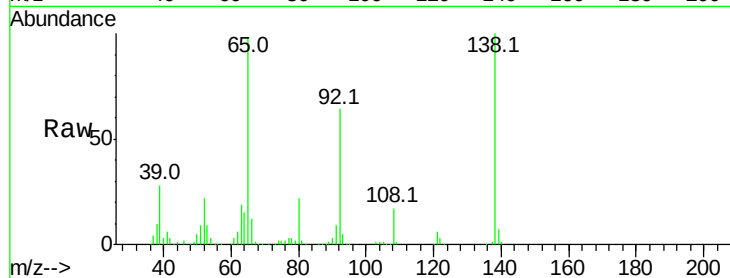




#47  
2-Nitroaniline  
Concen: 42.860 ng  
RT: 9.48 min Scan# 1257  
Delta R.T. 0.00 min  
Lab File: BF100362.D  
Acq: 10 Nov 2017 1:05

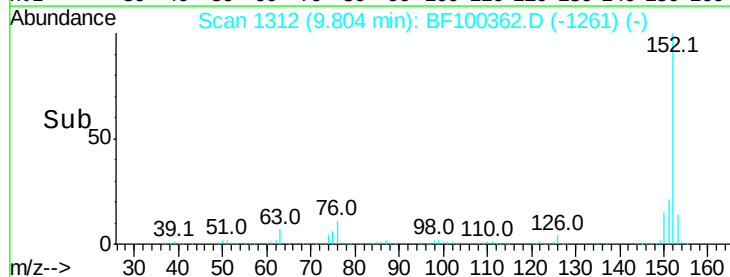
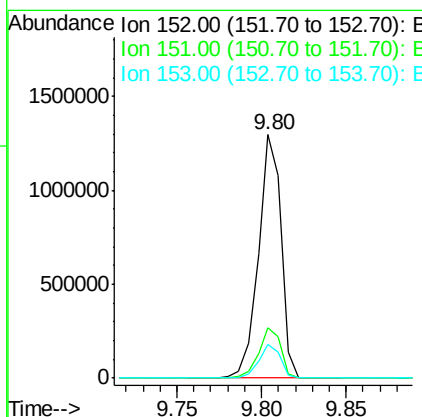
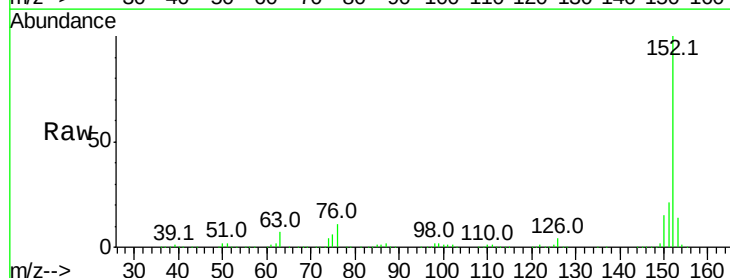
Instrument :  
BNA\_F  
ClientSampleId :

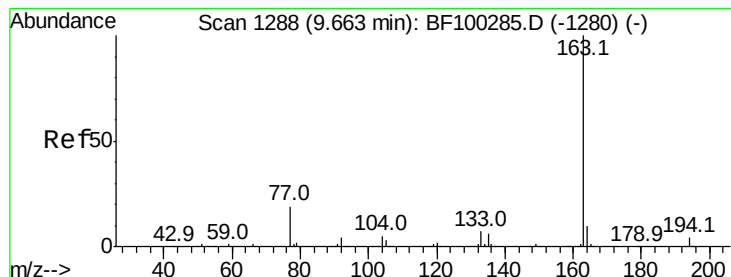
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 64.8  | 55.8  | 83.6  |
| 138     | 101.9 | 91.2  | 136.8 |



#48  
Acenaphthylene  
Concen: 34.311 ng  
RT: 9.80 min Scan# 1312  
Delta R.T. 0.00 min  
Lab File: BF100362.D  
Acq: 10 Nov 2017 1:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 151     | 20.8  | 16.3  | 24.5  |
| 153     | 13.6  | 10.7  | 16.1  |





#49

Dimethylphthalate

Concen: 39.809 ng

RT: 9.66 min Scan# 1288

Delta R.T. 0.00 min

Lab File: BF100362.D

Acq: 10 Nov 2017 1:05

Instrument :

BNA\_F

ClientSampleId :

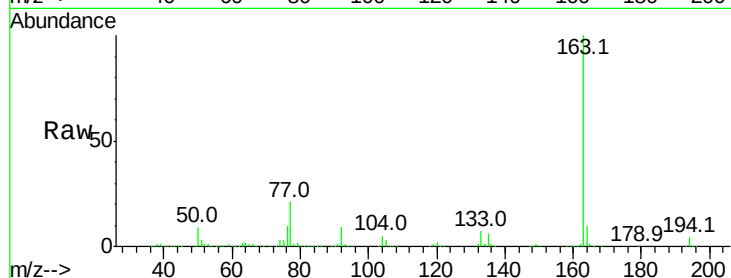
Tot Ion:163 Resp: 1026532

Ion Ratio Lower Upper

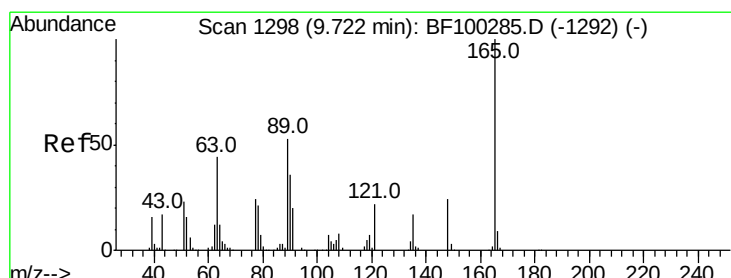
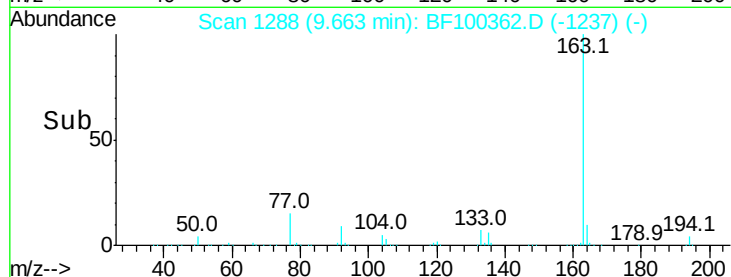
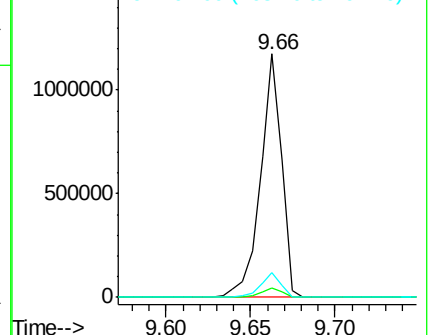
163 100

194 3.6 2.7 4.1

164 10.1 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: 41.504 ng

RT: 9.72 min Scan# 1298

Delta R.T. 0.00 min

Lab File: BF100362.D

Acq: 10 Nov 2017 1:05

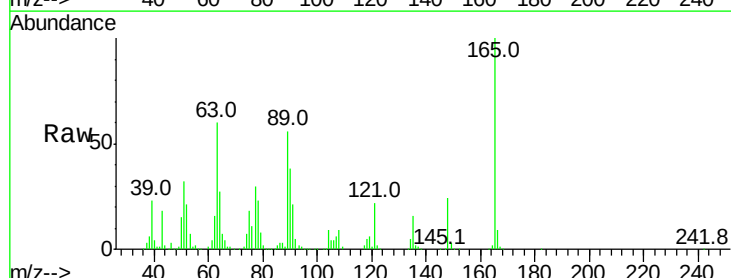
Tgt Ion:165 Resp: 211850

Ion Ratio Lower Upper

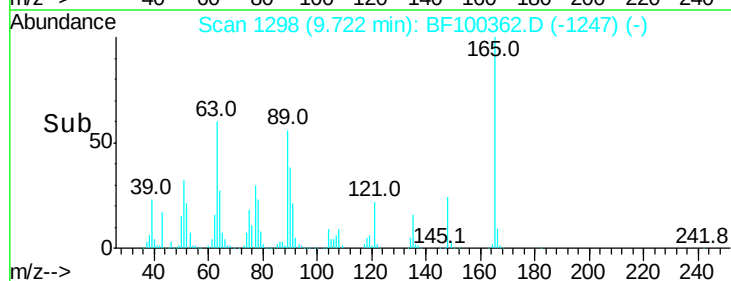
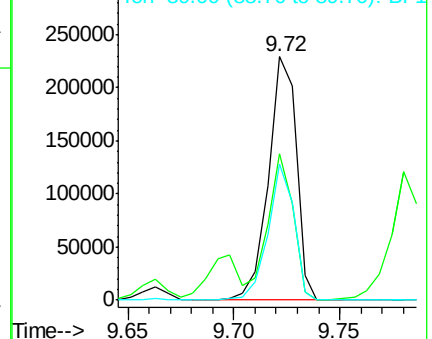
165 100

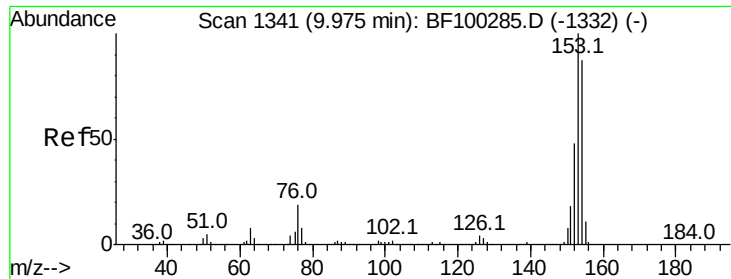
63 59.9 44.7 67.1

89 56.2 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: 34.610 ng

RT: 9.98 min Scan# 1342

Delta R.T. 0.01 min

Lab File: BF100362.D

Acq: 10 Nov 2017 1:05

Instrument :

BNA\_F

ClientSampleId :

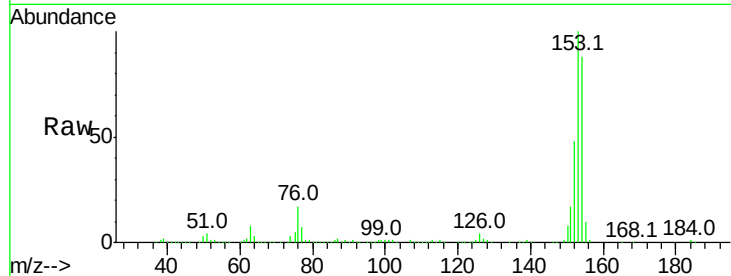
Tot Ion:154 Resp: 739209

Ion Ratio Lower Upper

154 100

153 113.6 91.2 136.8

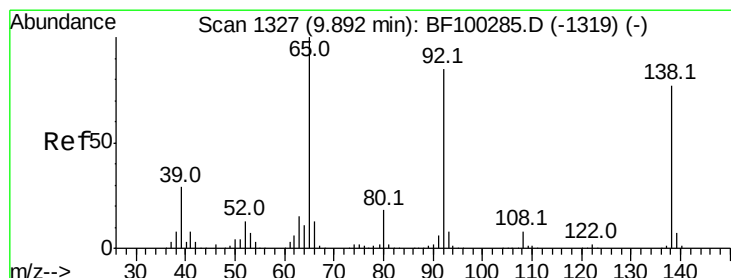
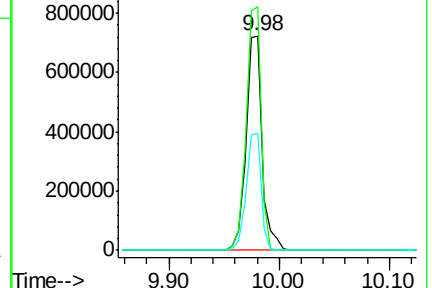
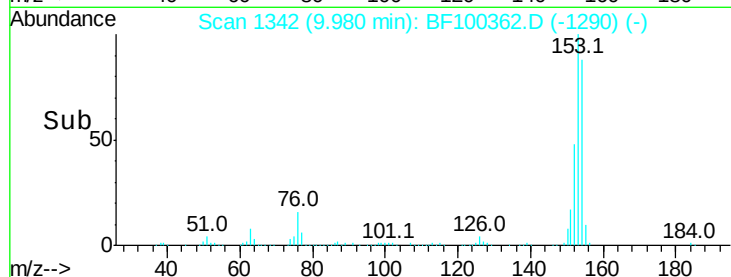
152 54.3 43.8 65.8



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: 28.330 ng

RT: 9.89 min Scan# 1327

Delta R.T. 0.00 min

Lab File: BF100362.D

Acq: 10 Nov 2017 1:05

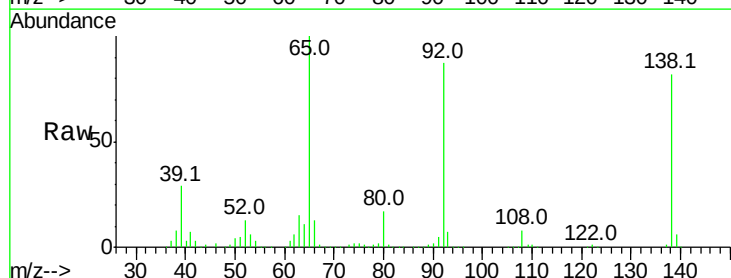
Tgt Ion:138 Resp: 170756

Ion Ratio Lower Upper

138 100

108 10.1 9.4 14.0

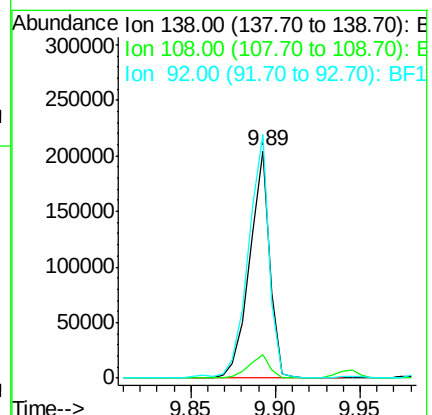
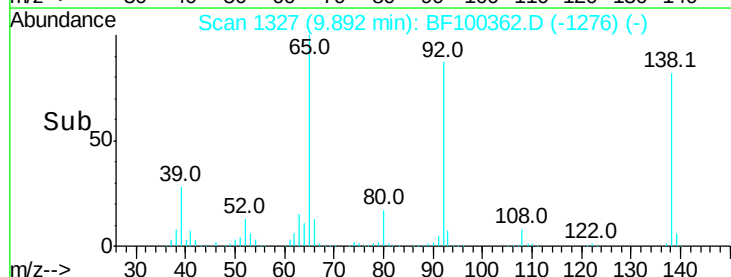
92 107.0 89.4 134.2

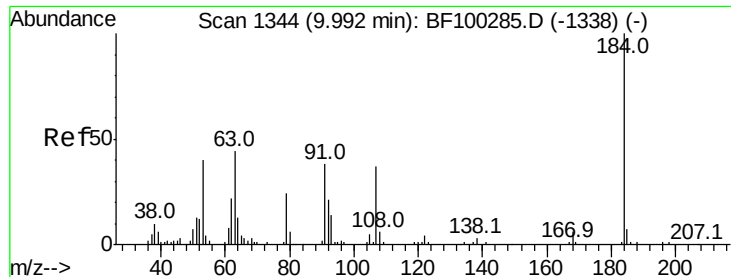


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

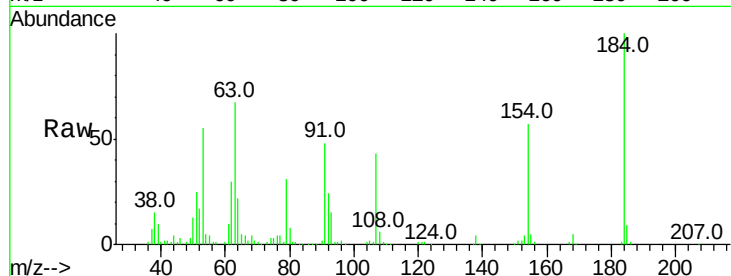




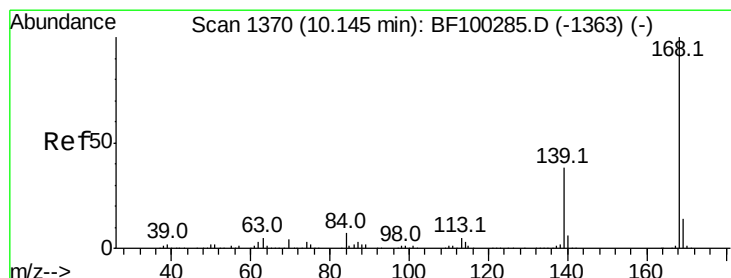
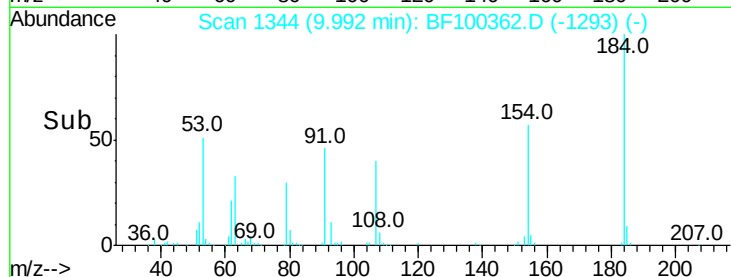
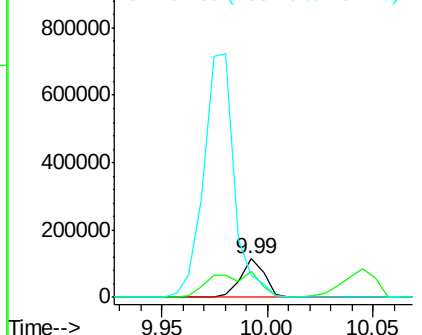
#53  
 2,4-Dinitrophenol  
 Concen: 50.439 ng  
 RT: 9.99 min Scan# 1344  
 Delta R.T. 0.00 min  
 Lab File: BF100362.D  
 Acq: 10 Nov 2017 1:05

Instrument :  
 BNA\_F  
 ClientSampleID :

Tot Ion:184 Resp: 90334  
 Ion Ratio Lower Upper  
 184 100  
 63 67.3 54.2 81.2  
 154 56.6 184.0 276.0#

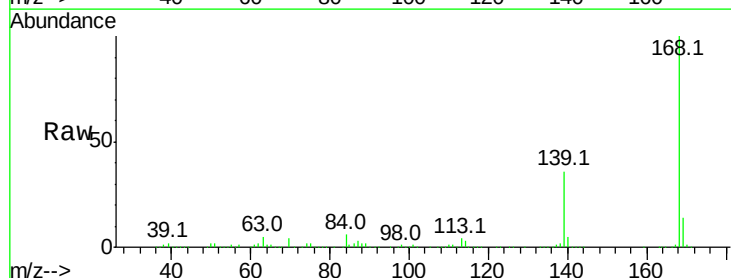


Abundance Ion 184.00 (183.70 to 184.70): E  
 Ion 63.00 (62.70 to 63.70): BF1  
 Ion 154.00 (153.70 to 154.70): E

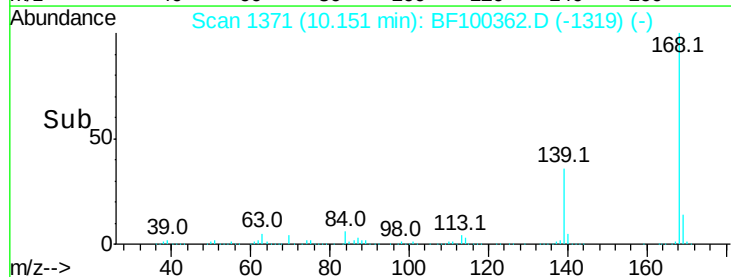
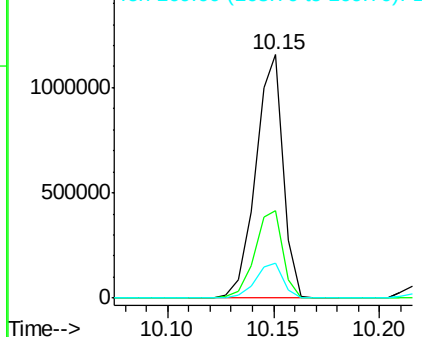


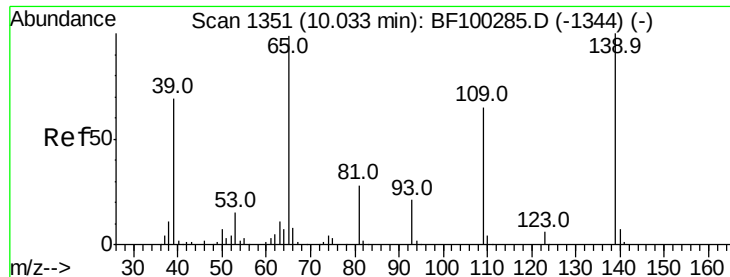
#54  
 Dibenzofuran  
 Concen: 34.850 ng  
 RT: 10.15 min Scan# 1371  
 Delta R.T. 0.01 min  
 Lab File: BF100362.D  
 Acq: 10 Nov 2017 1:05

Tgt Ion:168 Resp: 1043244  
 Ion Ratio Lower Upper  
 168 100  
 139 36.0 30.1 45.1  
 169 14.1 10.9 16.3



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

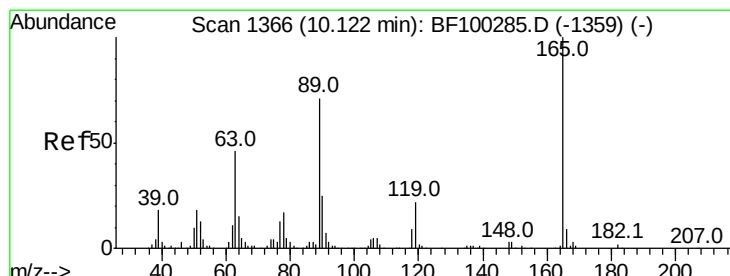
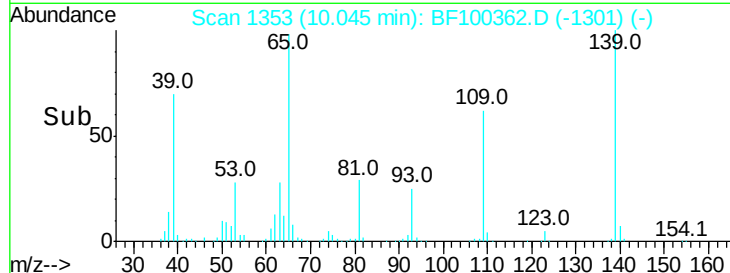
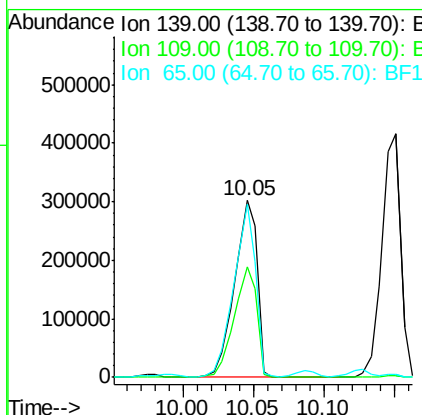
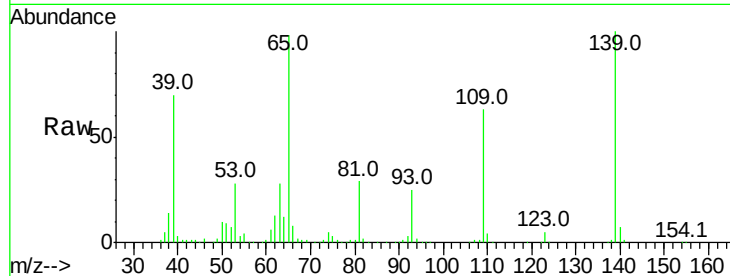




#55  
 4-Nitrophenol  
 Concen: 69.114 ng  
 RT: 10.05 min Scan# 1353  
 Delta R.T. 0.01 min  
 Lab File: BF100362.D  
 Acq: 10 Nov 2017 1:05

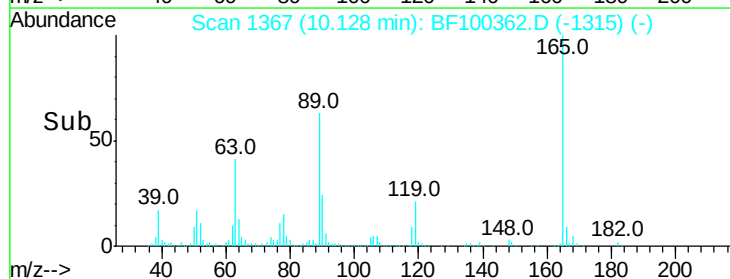
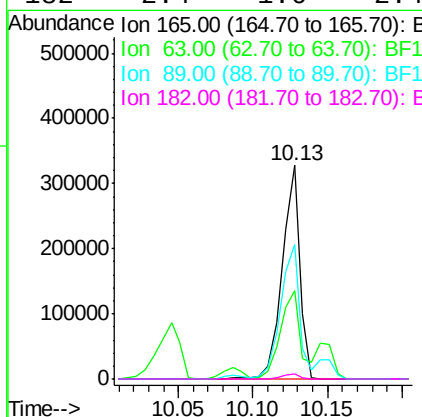
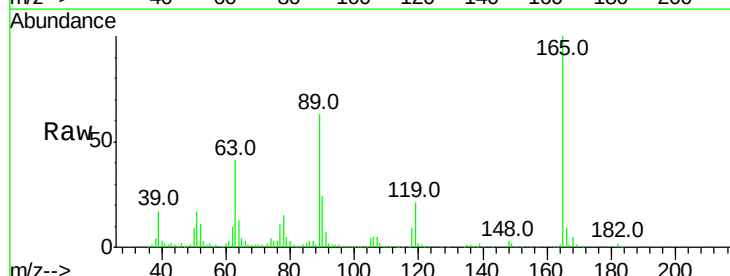
Instrument :  
 BNA\_F  
 ClientSampleId :

Tot Ion:139 Resp: 338257  
 Ion Ratio Lower Upper  
 139 100  
 109 62.5 48.4 88.4  
 65 98.1 72.6 112.6

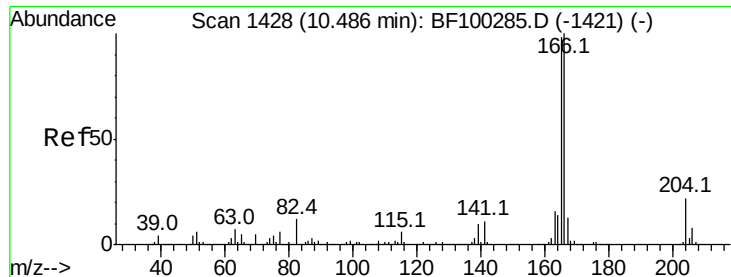


#56  
 2,4-Dinitrotoluene  
 Concen: 42.656 ng  
 RT: 10.13 min Scan# 1367  
 Delta R.T. 0.01 min  
 Lab File: BF100362.D  
 Acq: 10 Nov 2017 1:05

Tgt Ion:165 Resp: 274672  
 Ion Ratio Lower Upper  
 165 100  
 63 41.2 36.4 54.6  
 89 63.2 57.8 86.6  
 182 2.4 1.6 2.4







#57

Fluorene

Concen: 34.678 ng

RT: 10.49 min Scan# 1429

Delta R.T. 0.00 min

Lab File: BF100362.D

Acq: 10 Nov 2017 1:05

Instrument :

BNA\_F

ClientSampleId :

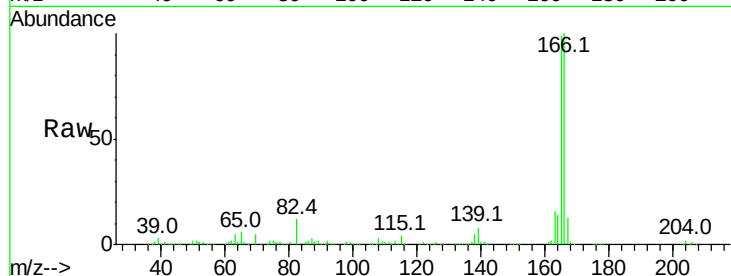
Tot Ion:166 Resp: 760472

Ion Ratio Lower Upper

166 100

165 99.1 79.8 119.8

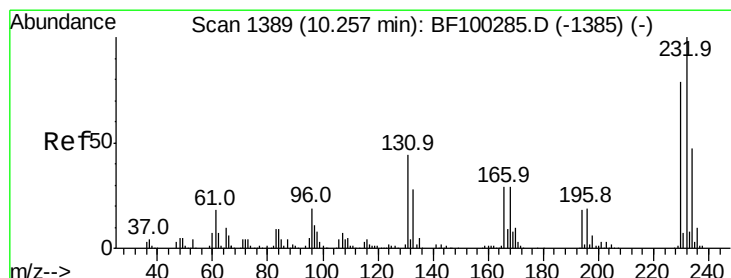
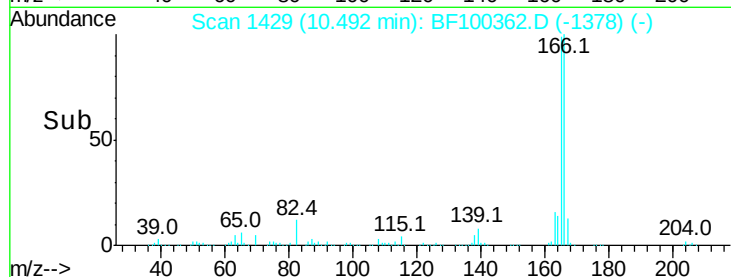
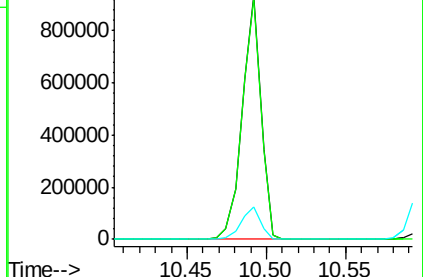
167 13.5 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 38.196 ng

RT: 10.26 min Scan# 1390

Delta R.T. 0.01 min

Lab File: BF100362.D

Acq: 10 Nov 2017 1:05

Tgt Ion:232 Resp: 230248

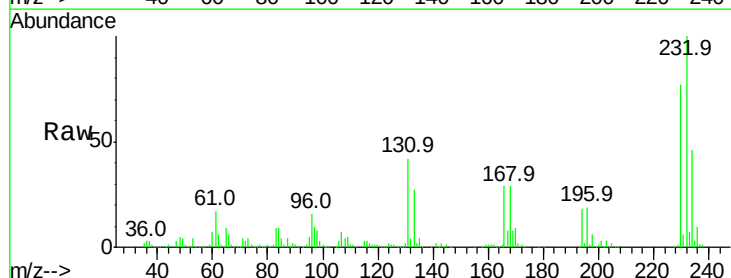
Ion Ratio Lower Upper

232 100

131 44.0 43.8 65.8

130 2.1 2.1 3.1

166 29.4 27.8 41.6

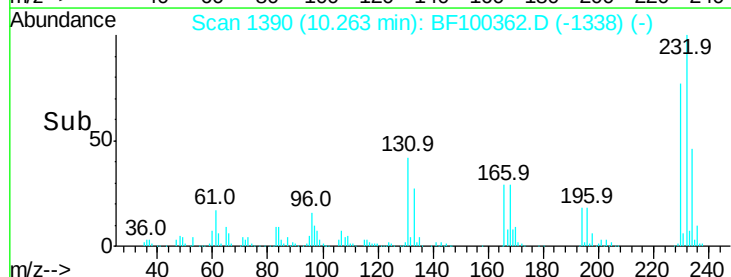
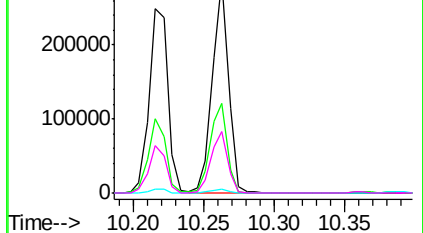


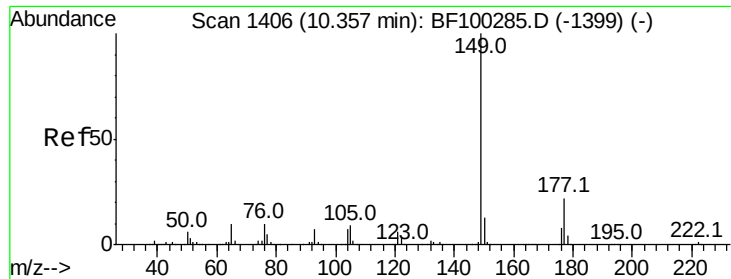
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

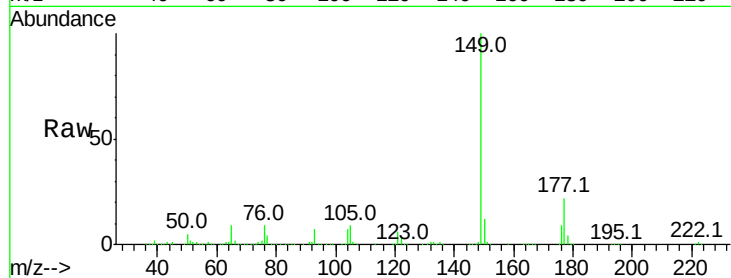




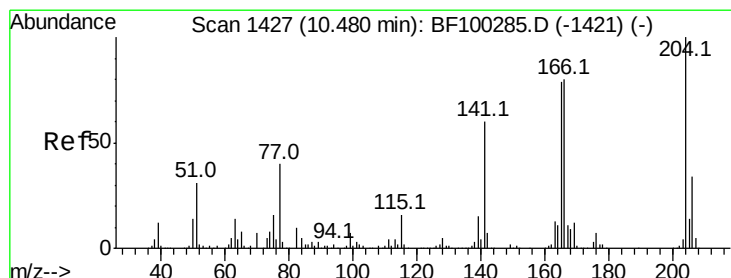
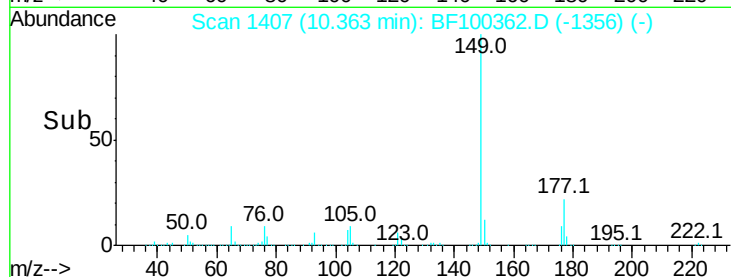
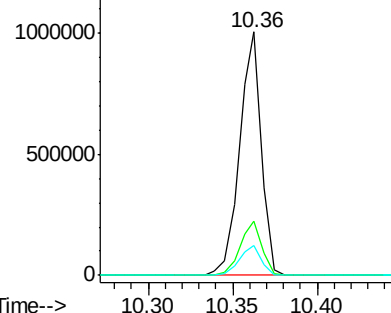
#59  
Diethylphthalate  
Concen: 34.983 ng  
RT: 10.36 min Scan# 1407  
Delta R.T. 0.00 min  
Lab File: BF100362.D  
Acq: 10 Nov 2017 1:05

Instrument :  
BNA\_F  
ClientSampled :

Tot Ion:149 Resp: 902730  
Ion Ratio Lower Upper  
149 100  
177 22.3 16.1 24.1  
150 12.1 10.1 15.1

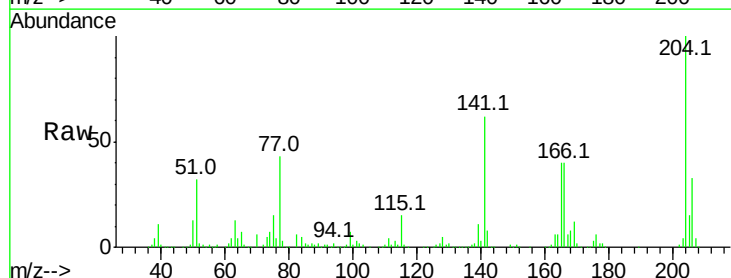


Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 177.00 (176.70 to 177.70): E  
Ion 150.00 (149.70 to 150.70): E

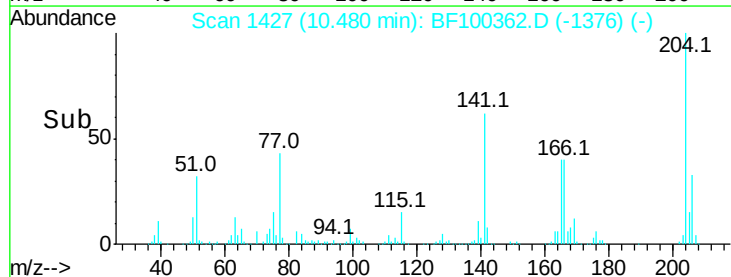
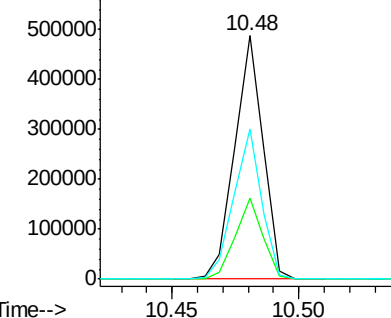


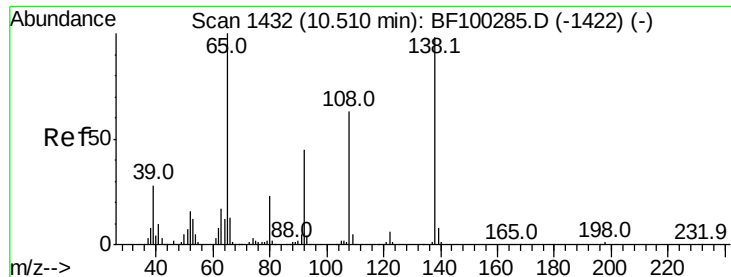
#60  
4-Chlorophenyl-phenylether  
Concen: 35.449 ng  
RT: 10.48 min Scan# 1427  
Delta R.T. 0.00 min  
Lab File: BF100362.D  
Acq: 10 Nov 2017 1:05

Tgt Ion:204 Resp: 381355  
Ion Ratio Lower Upper  
204 100  
206 33.2 26.5 39.7  
141 61.6 54.6 81.8



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

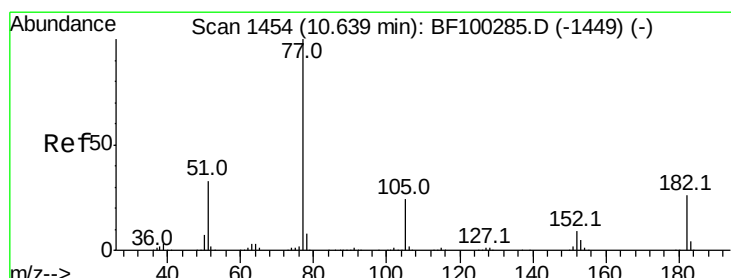
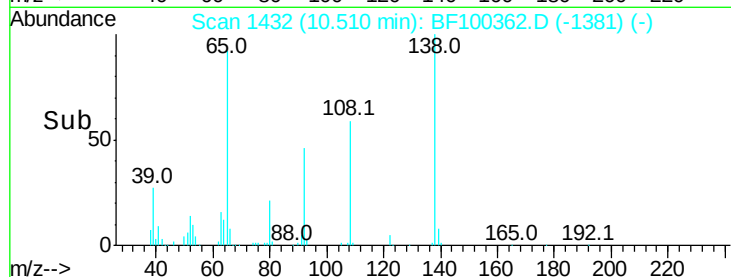
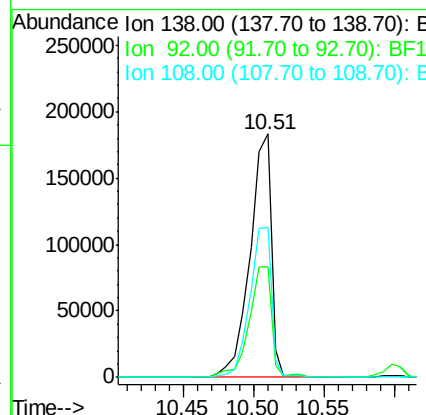
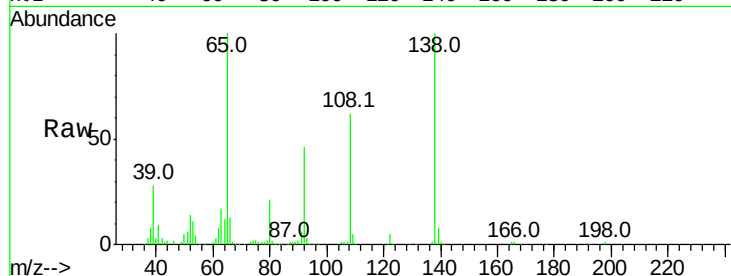




#61  
4-Nitroaniline  
Concen: 34.075 ng  
RT: 10.51 min Scan# 1432  
Delta R.T. 0.00 min  
Lab File: BF100362.D  
Acq: 10 Nov 2017 1:05

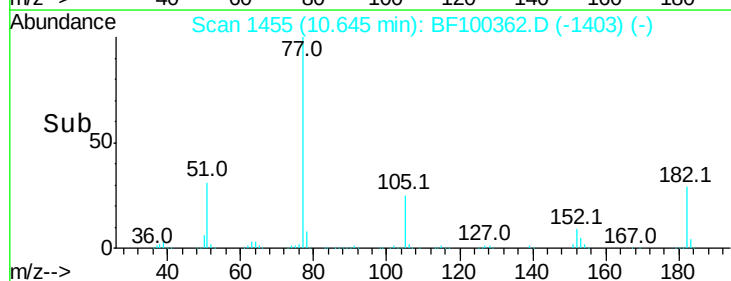
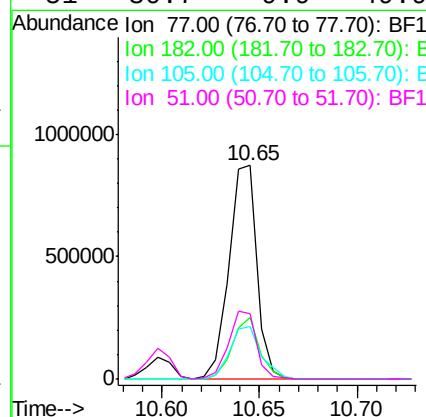
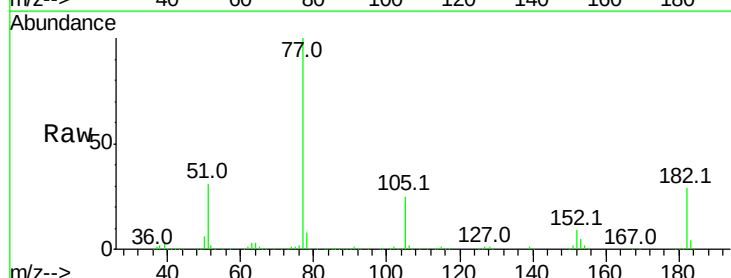
Instrument :  
BNA\_F  
ClientSampled :

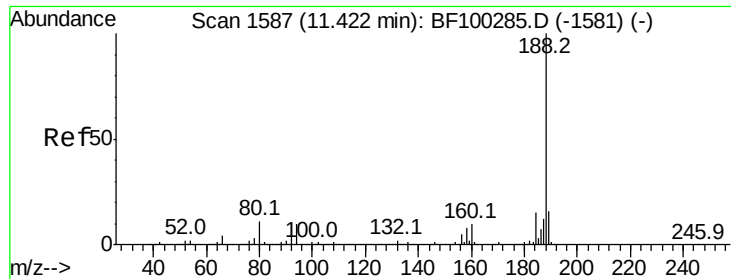
Tot Ion:138 Resp: 194747  
Ion Ratio Lower Upper  
138 100  
92 45.6 30.2 70.2  
108 61.5 52.5 92.5



#62  
Azobenzene  
Concen: 35.634 ng  
RT: 10.65 min Scan# 1455  
Delta R.T. 0.01 min  
Lab File: BF100362.D  
Acq: 10 Nov 2017 1:05

Tgt Ion: 77 Resp: 866058  
Ion Ratio Lower Upper  
77 100  
182 29.0 1.7 41.7  
105 24.8 3.0 43.0  
51 30.7 9.9 49.9





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.43 min Scan# 1588

Delta R.T. 0.00 min

Lab File: BF100362.D

Acq: 10 Nov 2017 1:05

Instrument :

BNA\_F

ClientSampleId :

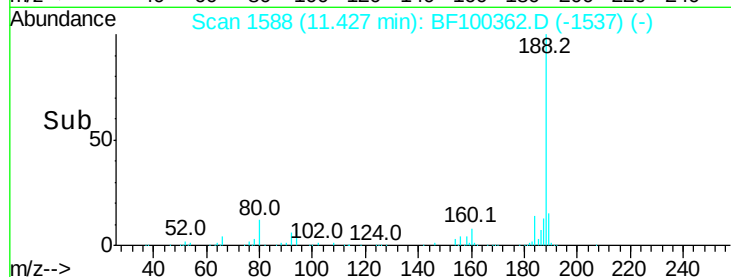
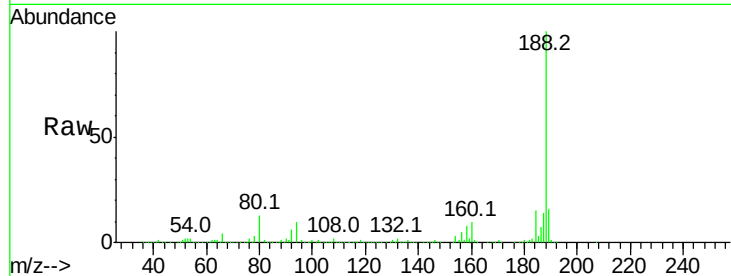
Tot Ion:188 Resp: 552850

Ion Ratio Lower Upper

188 100

94 9.8 8.5 12.7

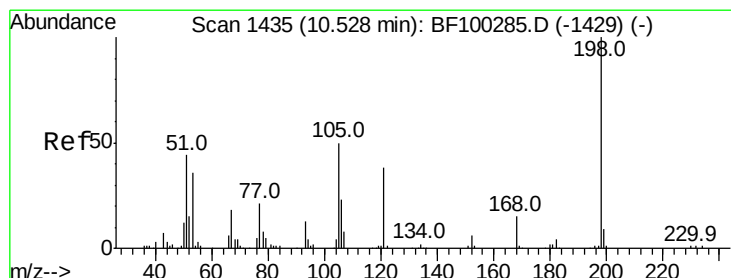
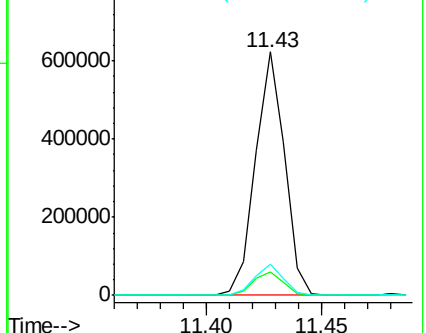
80 12.6 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#64

4,6-Dinitro-2-methylphenol

Concen: 30.876 ng

RT: 10.53 min Scan# 1435

Delta R.T. -0.01 min

Lab File: BF100362.D

Acq: 10 Nov 2017 1:05

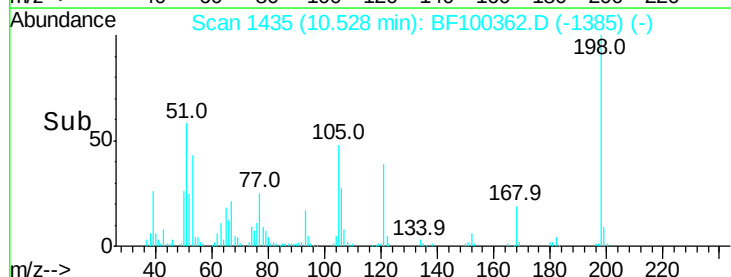
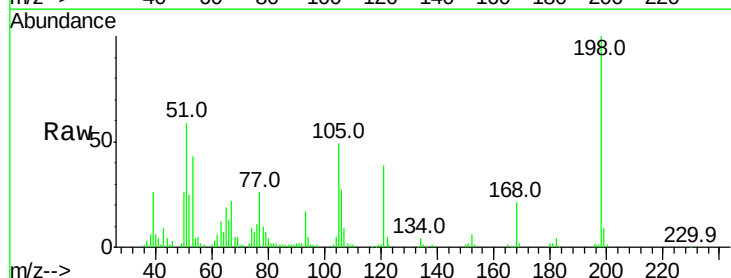
Tgt Ion:198 Resp: 75798

Ion Ratio Lower Upper

198 100

51 59.1 37.7 77.7

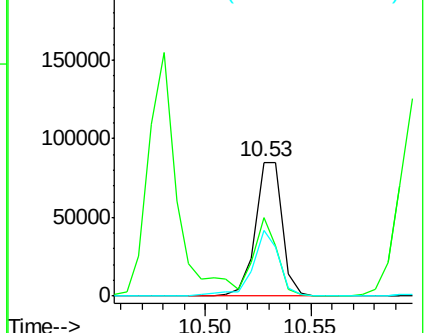
105 48.7 36.3 76.3

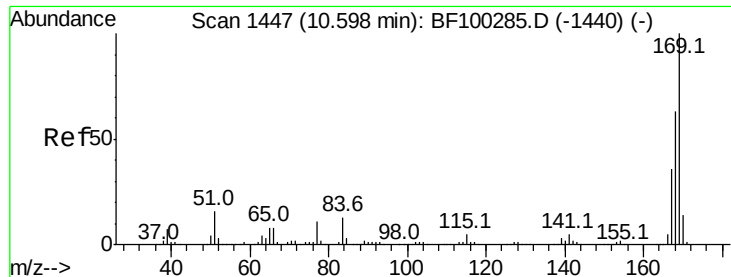


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

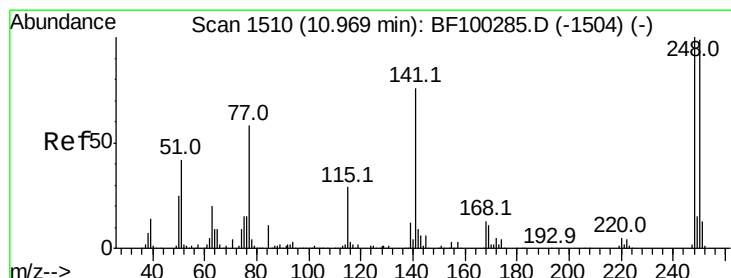
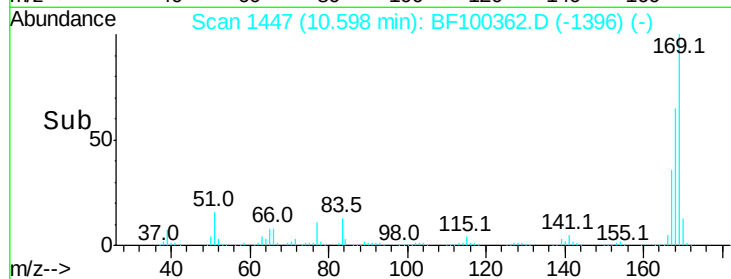
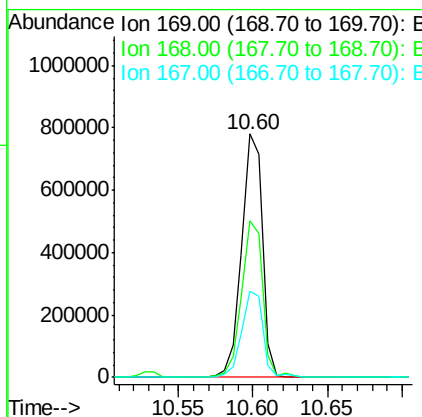
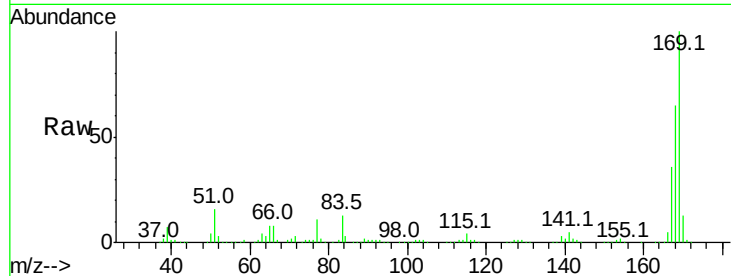




#65  
 n-Nitrosodiphenylamine  
 Concen: 39.224 ng  
 RT: 10.60 min Scan# 1447  
 Delta R.T. 0.00 min  
 Lab File: BF100362.D  
 Acq: 10 Nov 2017 1:05

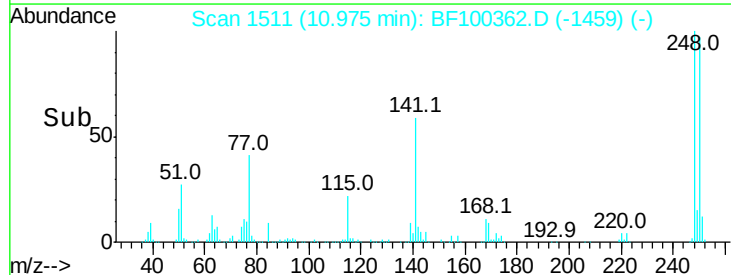
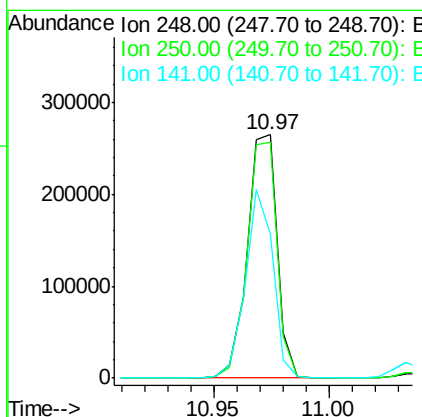
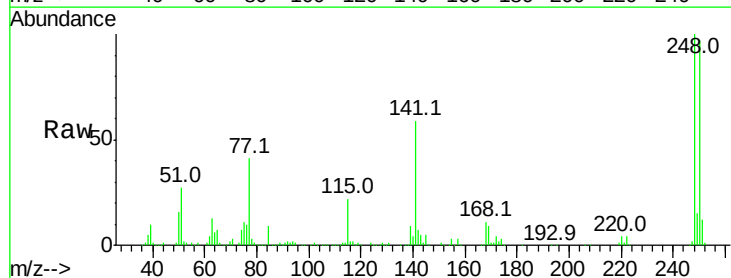
Instrument :  
 BNA\_F  
 ClientSampled :

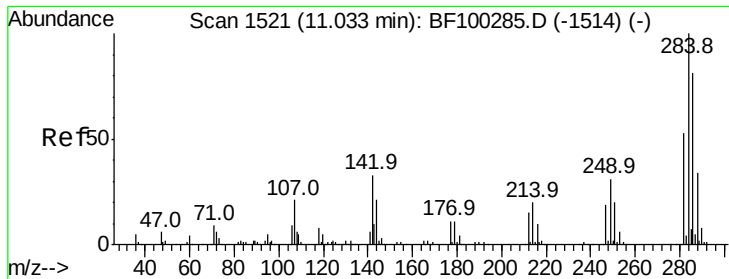
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 169     | 100   |       |       |
| 168     | 64.5  | 54.4  | 81.6  |
| 167     | 35.6  | 29.8  | 44.6  |



#66  
 4-Bromophenyl-phenylether  
 Concen: 40.512 ng  
 RT: 10.97 min Scan# 1511  
 Delta R.T. 0.01 min  
 Lab File: BF100362.D  
 Acq: 10 Nov 2017 1:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 97.1  | 76.9  | 115.3 |
| 141     | 59.1  | 74.4  | 111.6 |





#67

Hexachlorobenzene

Concen: 37.960 ng

RT: 11.03 min Scan# 1521

Delta R.T. 0.00 min

Lab File: BF100362.D

Acq: 10 Nov 2017 1:05

Instrument :

BNA\_F

ClientSampleId :

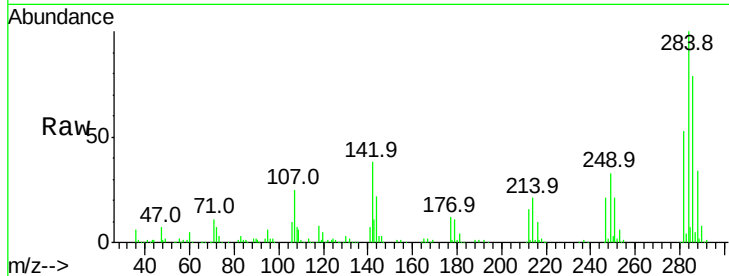
Tot Ion:284 Resp: 235290

Ion Ratio Lower Upper

284 100

142 37.6 34.6 52.0

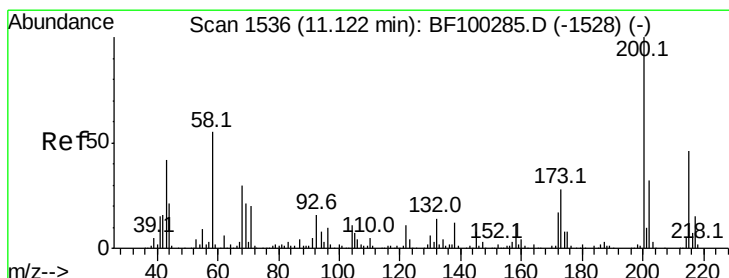
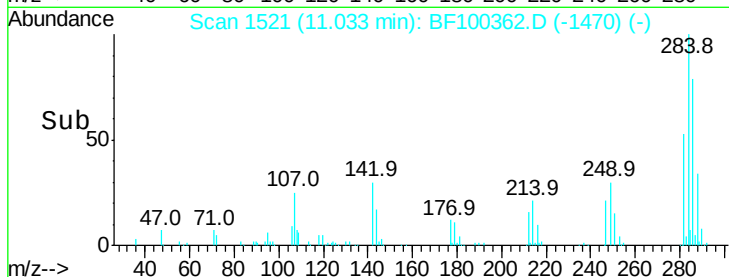
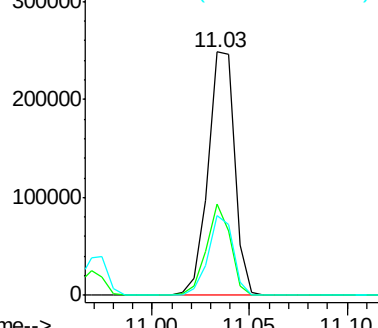
249 32.6 24.8 37.2



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 40.672 ng

RT: 11.13 min Scan# 1537

Delta R.T. 0.01 min

Lab File: BF100362.D

Acq: 10 Nov 2017 1:05

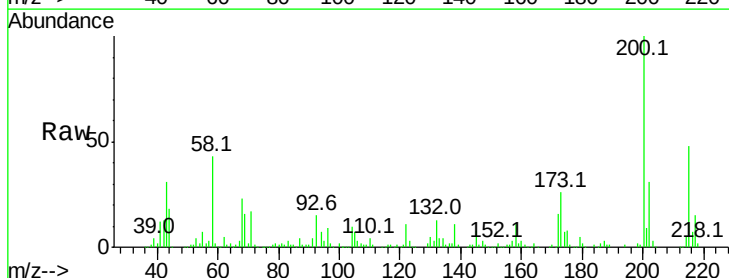
Tgt Ion:200 Resp: 236666

Ion Ratio Lower Upper

200 100

173 26.4 8.6 48.6

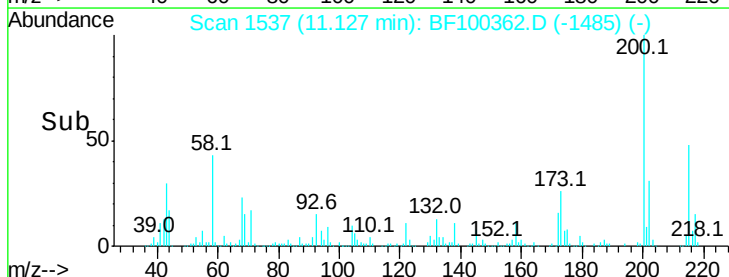
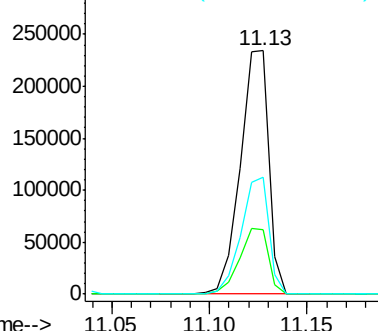
215 48.0 25.1 65.1

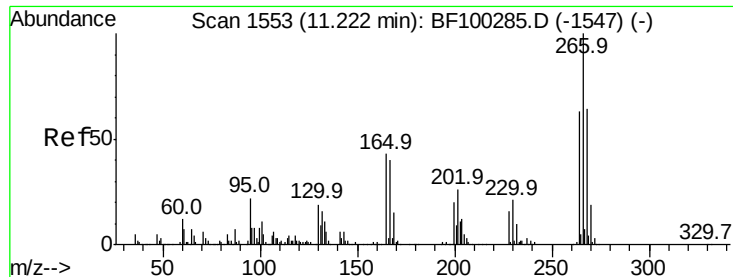


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

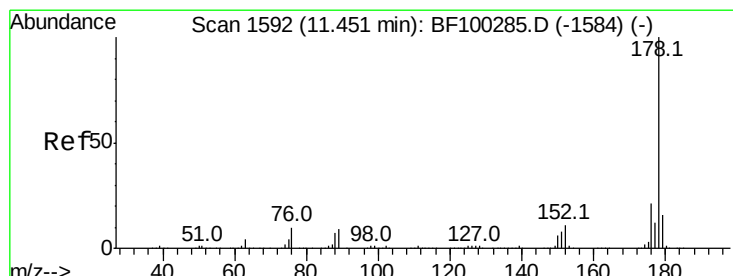
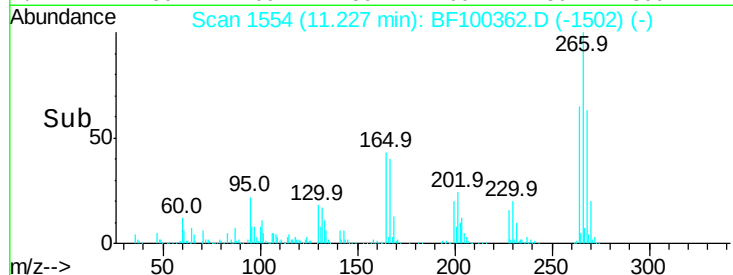
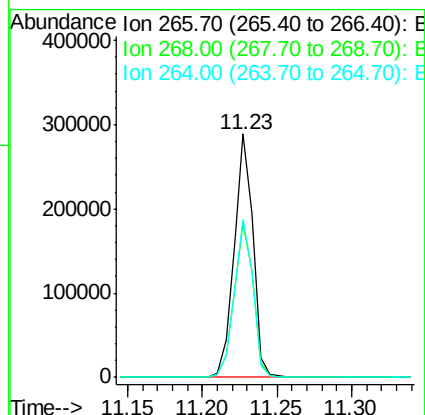
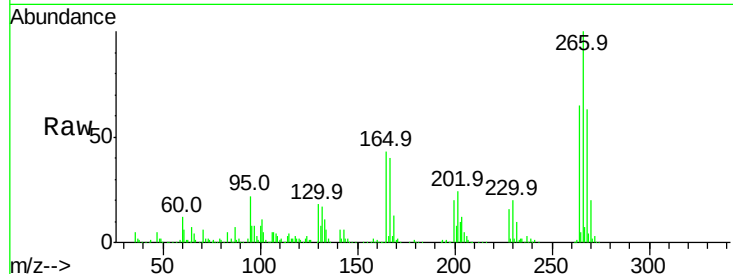




#69  
 Pentachlorophenol  
 Concen: 58.210 ng  
 RT: 11.23 min Scan# 1554  
 Delta R.T. 0.01 min  
 Lab File: BF100362.D  
 Acq: 10 Nov 2017 1:05

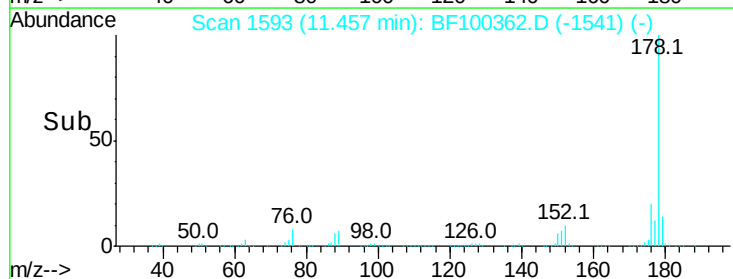
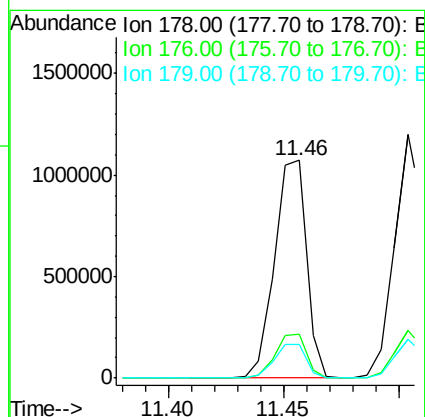
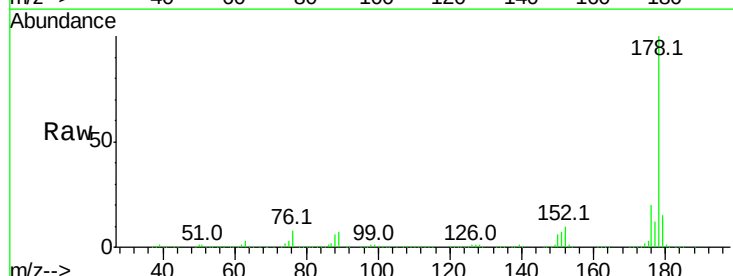
Instrument :  
 BNA\_F  
 ClientSampleId :

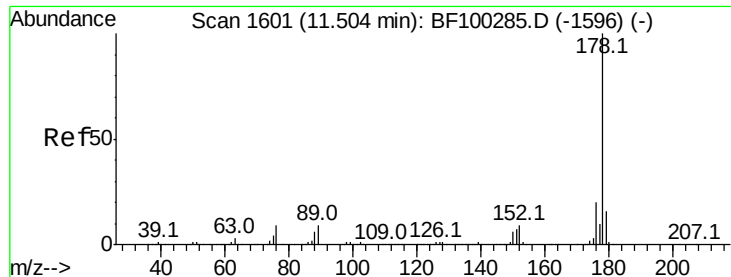
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 63.3  | 51.1  | 76.7  |
| 264     | 64.6  | 49.5  | 74.3  |



#70  
 Phenanthrene  
 Concen: 35.467 ng  
 RT: 11.46 min Scan# 1593  
 Delta R.T. 0.01 min  
 Lab File: BF100362.D  
 Acq: 10 Nov 2017 1:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 20.0  | 15.8  | 23.8  |
| 179     | 15.5  | 13.0  | 19.6  |



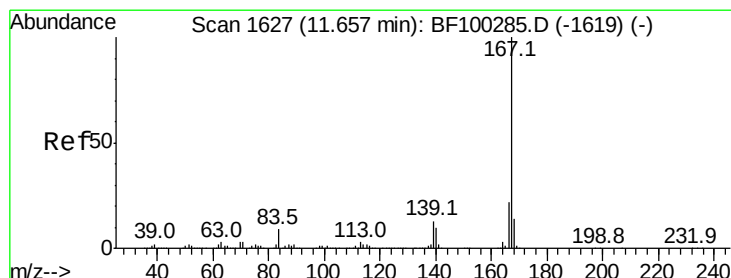
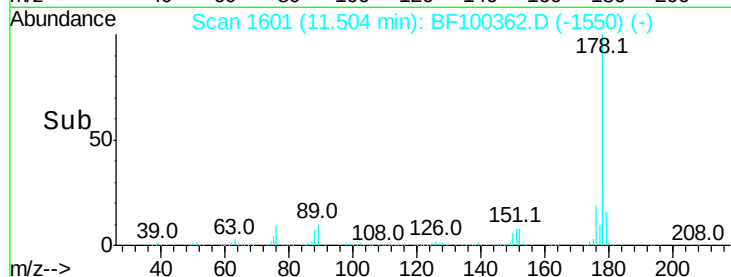
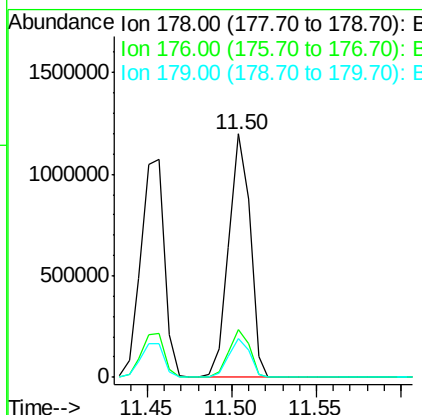
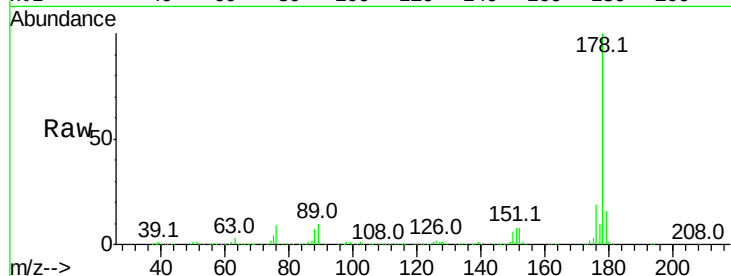


#71  
 Anthracene  
 Concen: 35.699 ng  
 RT: 11.50 min Scan# 1601  
 Delta R.T. 0.00 min  
 Lab File: BF100362.D  
 Acq: 10 Nov 2017 1:05

Instrument :  
 BNA\_F  
 ClientSampleId :

Tot Ion:178 Resp: 1054256  

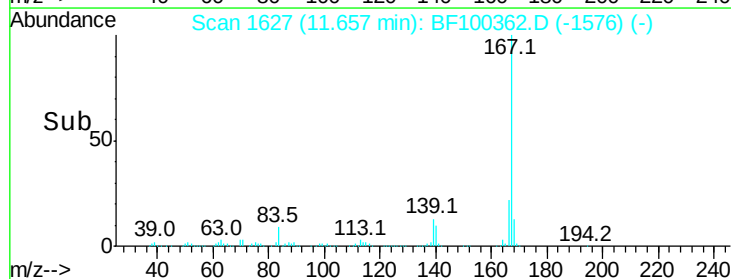
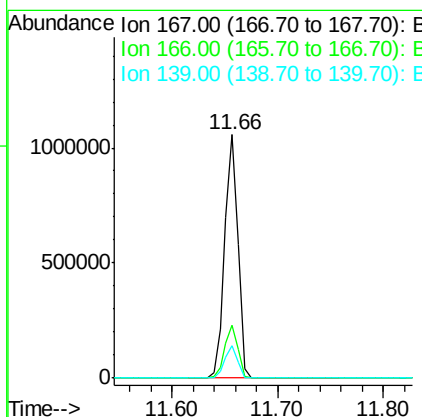
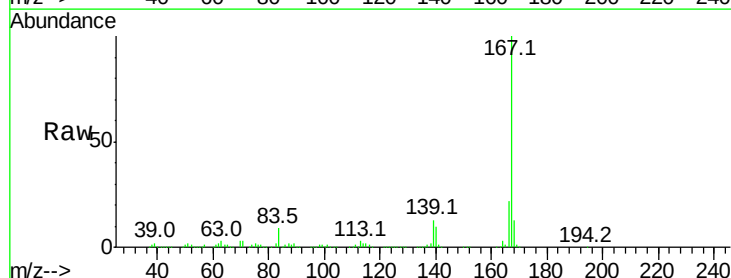
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 178 | 100   |       |       |
| 176 | 19.4  | 15.4  | 23.2  |
| 179 | 15.9  | 12.6  | 19.0  |



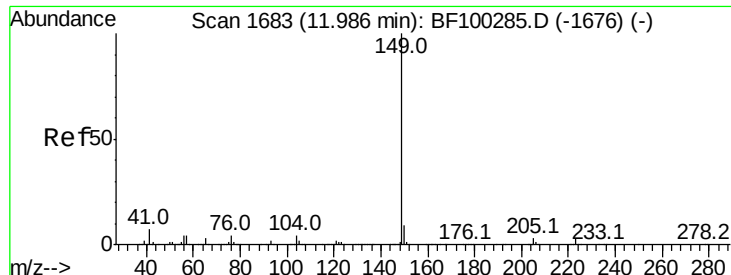
#72  
 Carbazole  
 Concen: 34.182 ng  
 RT: 11.66 min Scan# 1627  
 Delta R.T. 0.00 min  
 Lab File: BF100362.D  
 Acq: 10 Nov 2017 1:05

Tgt Ion:167 Resp: 931420  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 167 | 100   |       |       |
| 166 | 21.8  | 17.6  | 26.4  |
| 139 | 13.1  | 10.9  | 16.3  |







#73

Di-n-butylphthalate

Concen: 39.427 ng

RT: 11.99 min Scan# 1683

Delta R.T. 0.00 min

Lab File: BF100362.D

Acq: 10 Nov 2017 1:05

Instrument :

BNA\_F

ClientSampleId :

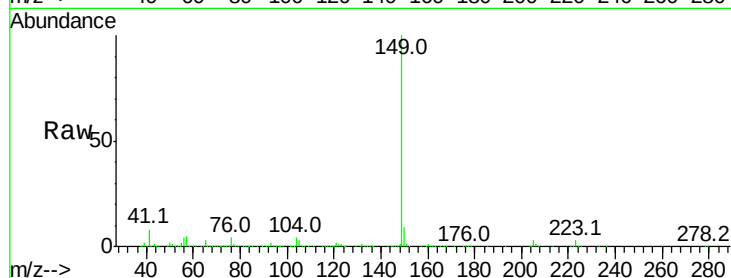
Tot Ion:149 Resp: 1257259

Ion Ratio Lower Upper

149 100

150 9.2 7.8 11.6

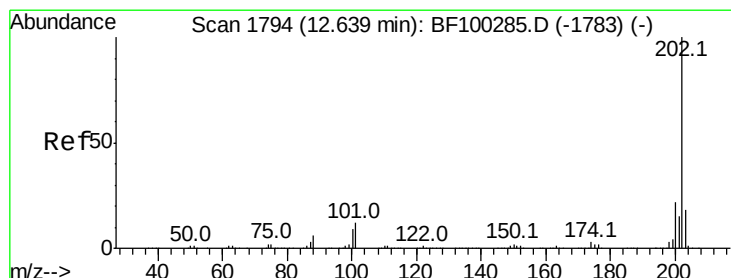
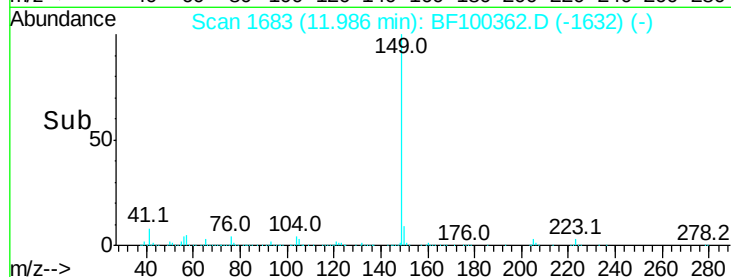
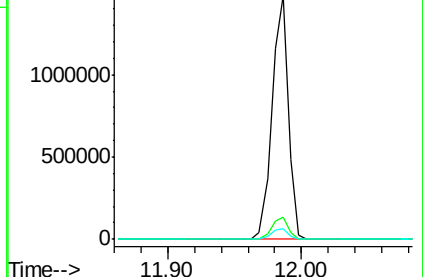
104 4.4 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 29.886 ng

RT: 12.64 min Scan# 1794

Delta R.T. 0.00 min

Lab File: BF100362.D

Acq: 10 Nov 2017 1:05

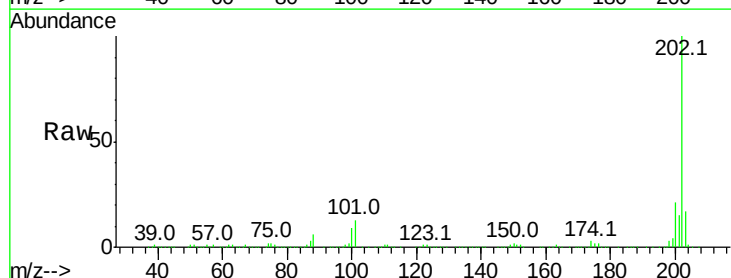
Tgt Ion:202 Resp: 921963

Ion Ratio Lower Upper

202 100

101 12.6 0.0 34.1

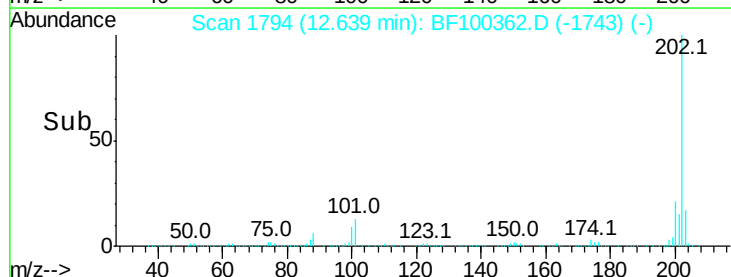
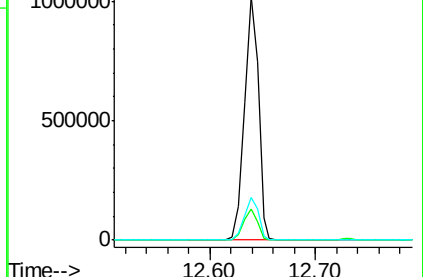
203 17.5 0.0 38.1

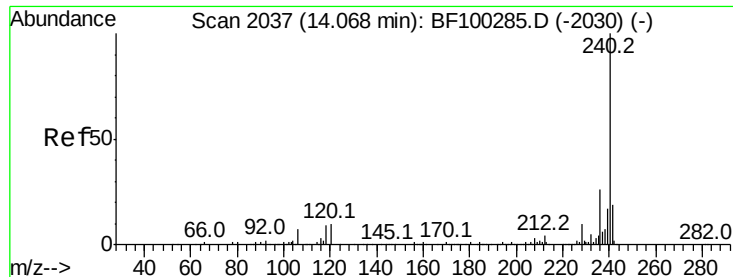


Abundance Ion 202.00 (201.70 to 202.70): E

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: BF100362.D

Acq: 10 Nov 2017 1:05

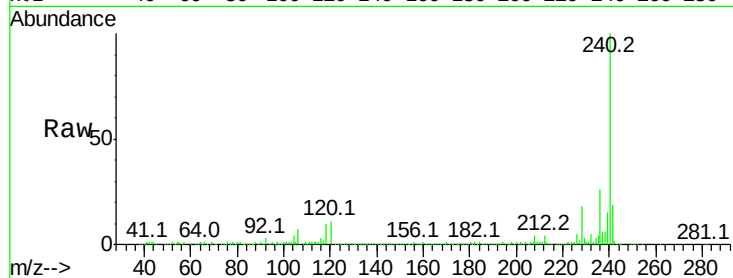
Instrument :

BNA\_F

ClientSampleId :

Tot Ion:240 Resp: 370613

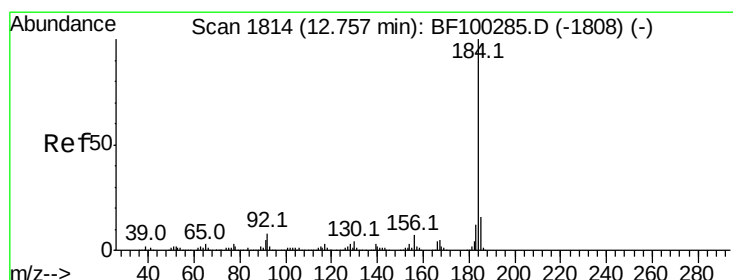
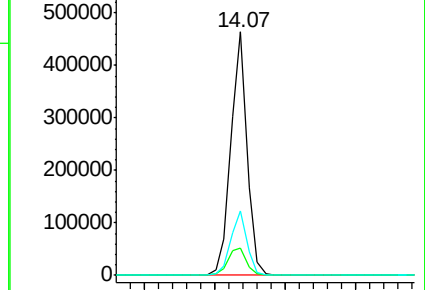
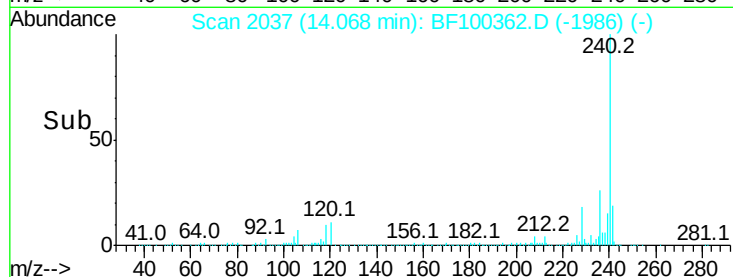
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 240 | 100   |       |       |
| 120 | 11.4  | 9.5   | 14.3  |
| 236 | 26.4  | 20.7  | 31.1  |



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 33.298 ng

RT: 12.76 min Scan# 1815

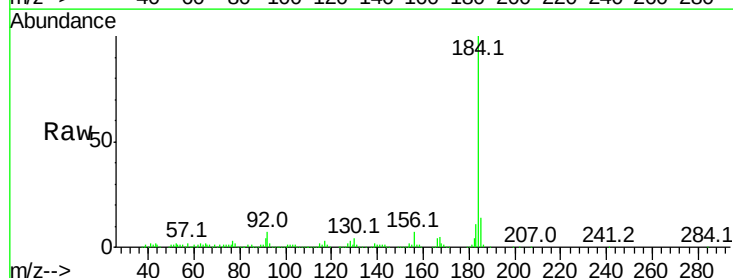
Delta R.T. 0.01 min

Lab File: BF100362.D

Acq: 10 Nov 2017 1:05

Tgt Ion:184 Resp: 494219

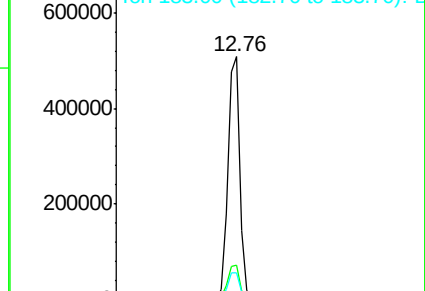
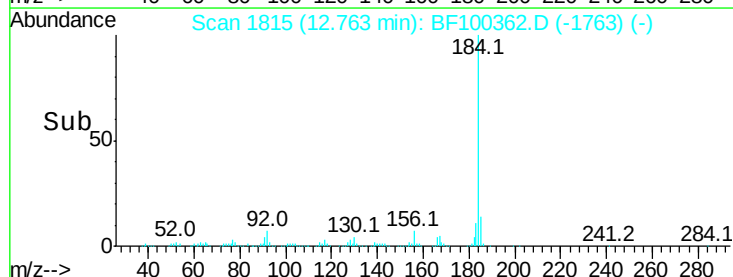
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 184 | 100   |       |       |
| 185 | 14.2  | 12.6  | 18.8  |
| 183 | 11.2  | 9.3   | 13.9  |

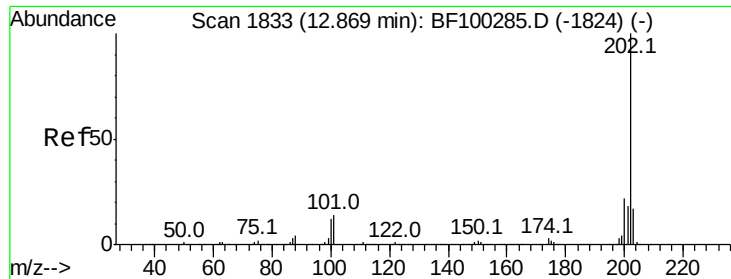


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 34.913 ng

RT: 12.87 min Scan# 1833

Delta R.T. 0.00 min

Lab File: BF100362.D

Acq: 10 Nov 2017 1:05

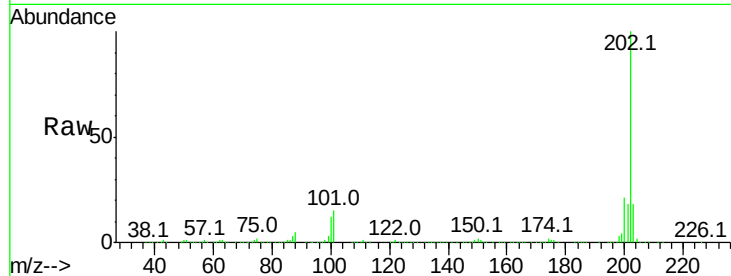
Instrument :

BNA\_F

ClientSampleId :

Tot Ion:202 Resp: 922355

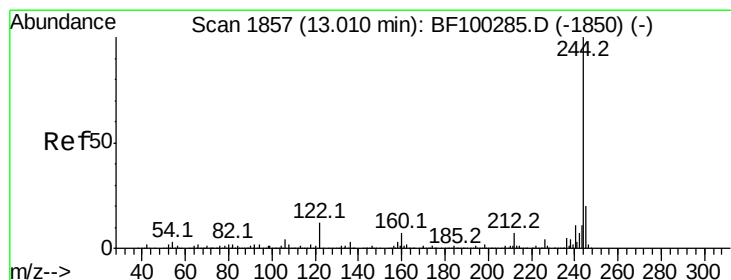
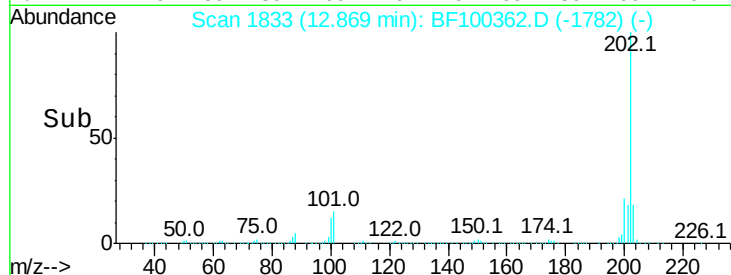
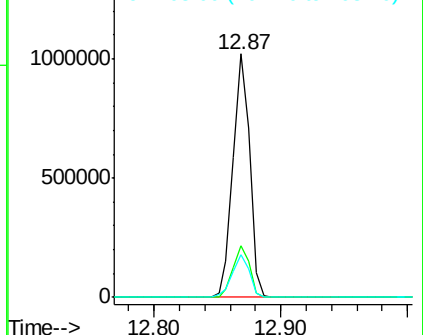
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 202 | 100   |       |       |
| 200 | 21.2  | 17.4  | 26.2  |
| 203 | 17.8  | 14.3  | 21.5  |



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: 63.117 ng

RT: 13.01 min Scan# 1857

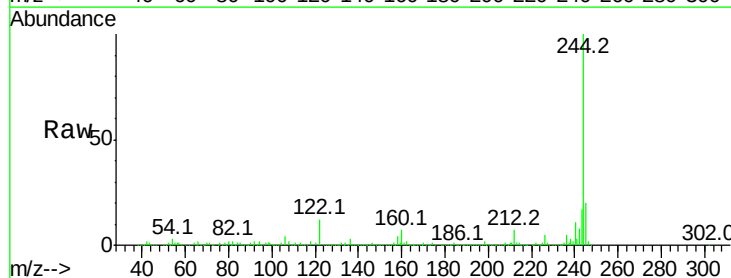
Delta R.T. 0.00 min

Lab File: BF100362.D

Acq: 10 Nov 2017 1:05

Tgt Ion:244 Resp: 1018053

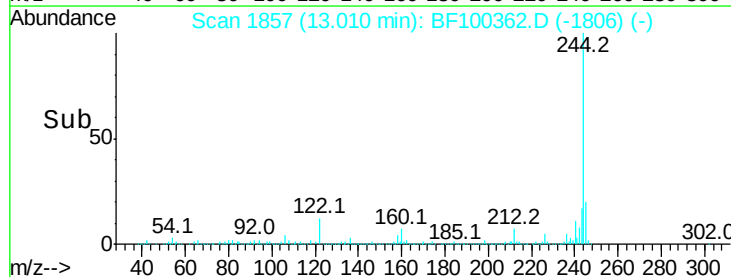
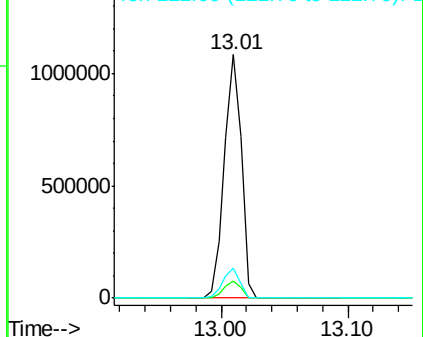
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 244 | 100   |       |       |
| 212 | 7.2   | 5.4   | 8.0   |
| 122 | 12.1  | 11.0  | 16.4  |

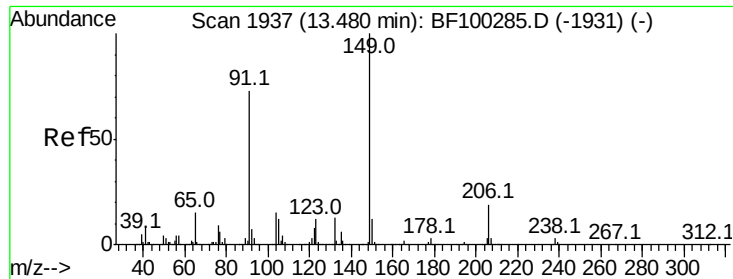


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

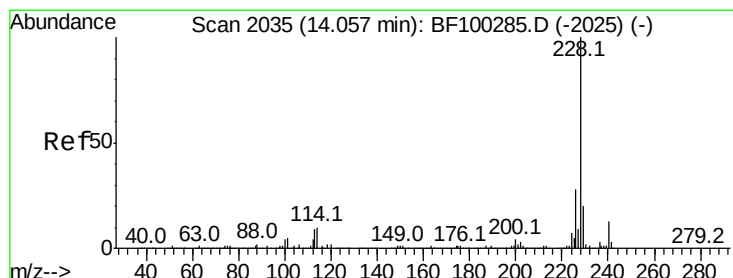
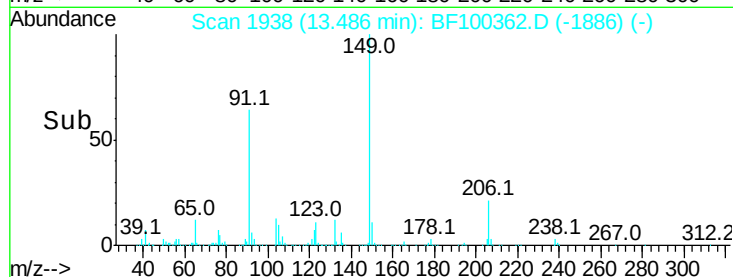
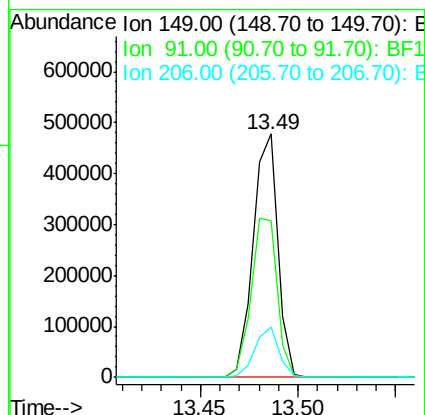
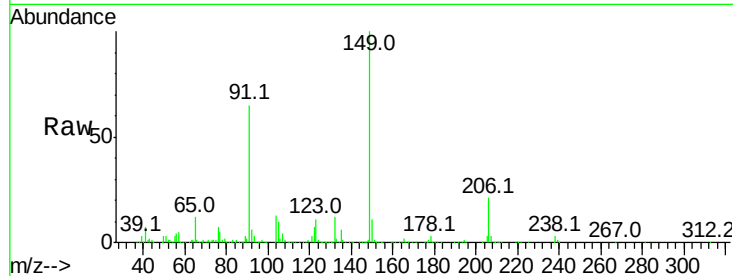




#79  
Butylbenzylphthalate  
Concen: 38.852 ng  
RT: 13.49 min Scan# 1938  
Delta R.T. 0.01 min  
Lab File: BF100362.D  
Acq: 10 Nov 2017 1:05

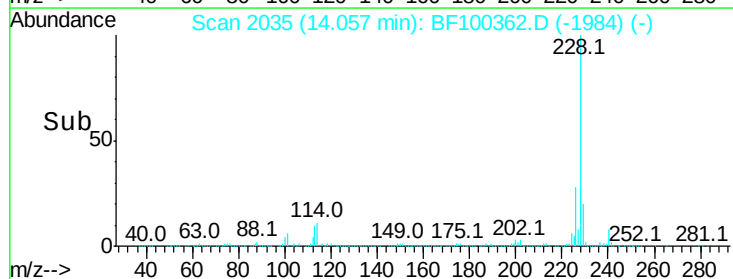
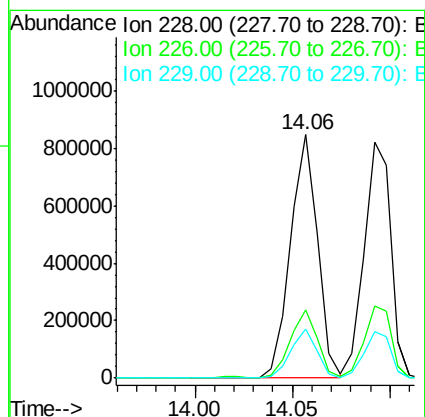
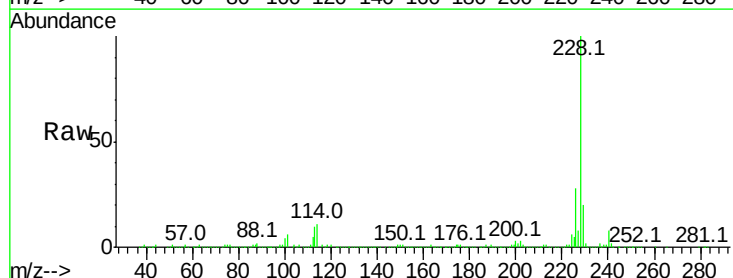
Instrument :  
BNA\_F  
ClientSampleId :

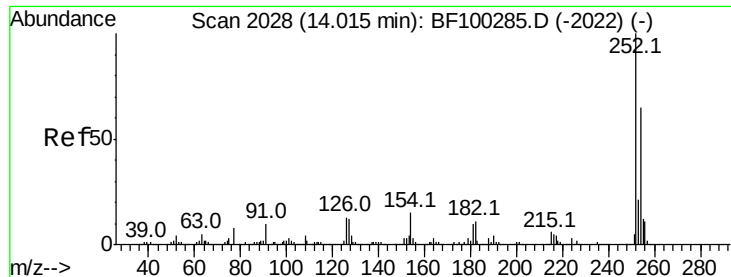
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 91      | 64.6  | 56.8  | 85.2  |
| 206     | 20.6  | 14.1  | 21.1  |



#80  
Benzo(a)anthracene  
Concen: 36.501 ng  
RT: 14.06 min Scan# 2035  
Delta R.T. 0.00 min  
Lab File: BF100362.D  
Acq: 10 Nov 2017 1:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 28.0  | 22.6  | 33.8  |
| 229     | 19.9  | 15.8  | 23.6  |

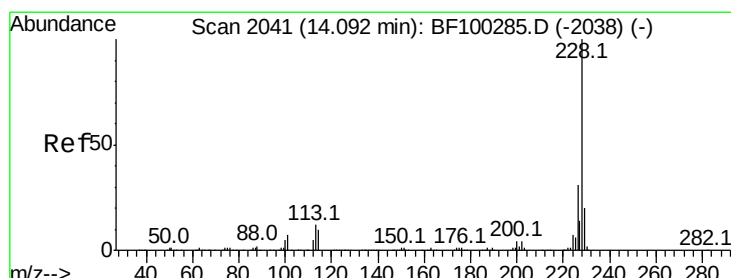
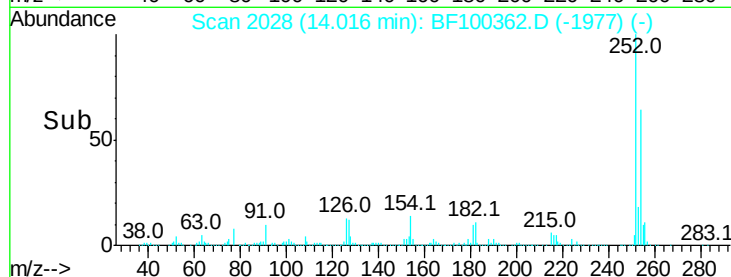
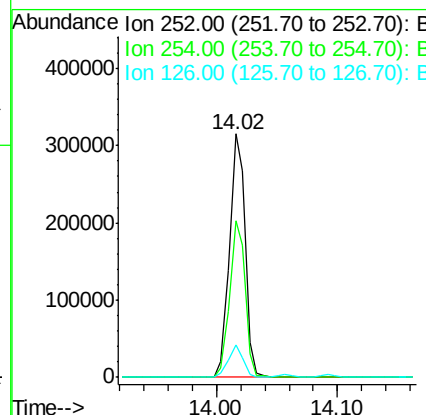
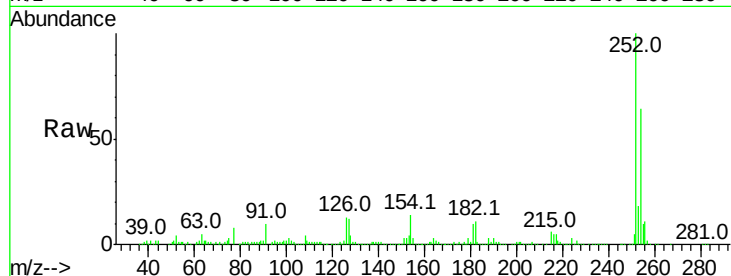




#81  
 3,3'-Dichlorobenzidine  
 Concen: 35.537 ng  
 RT: 14.02 min Scan# 2028  
 Delta R.T. 0.00 min  
 Lab File: BF100362.D  
 Acq: 10 Nov 2017 1:05

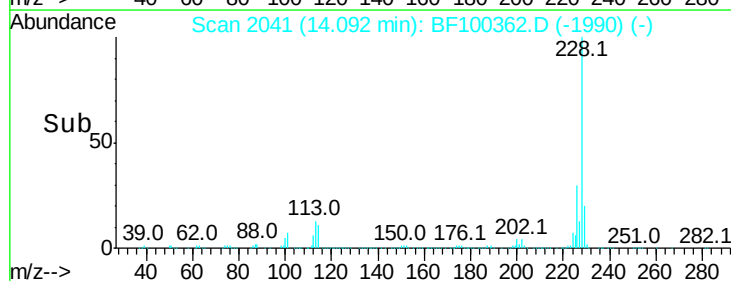
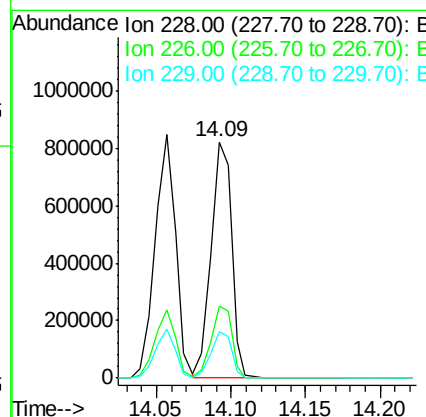
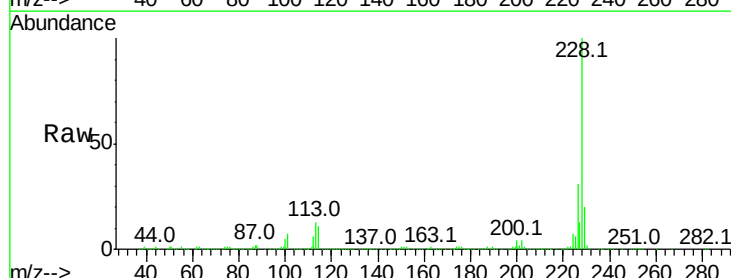
Instrument :  
 BNA\_F  
 ClientSampleId :

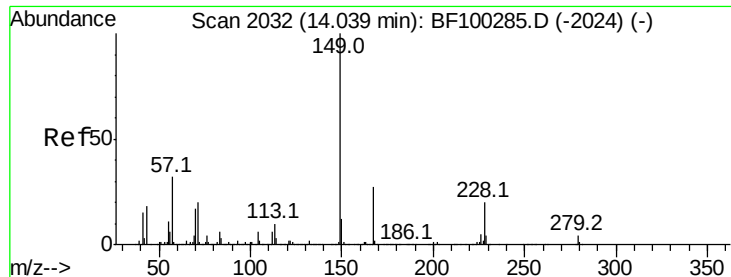
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 64.5  | 50.4  | 75.6  |
| 126     | 13.4  | 11.3  | 16.9  |



#82  
 Chrysene  
 Concen: 36.045 ng  
 RT: 14.09 min Scan# 2041  
 Delta R.T. 0.00 min  
 Lab File: BF100362.D  
 Acq: 10 Nov 2017 1:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 30.5  | 25.0  | 37.6  |
| 229     | 19.7  | 16.2  | 24.4  |

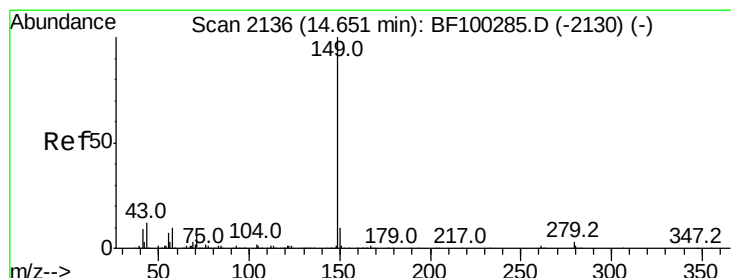
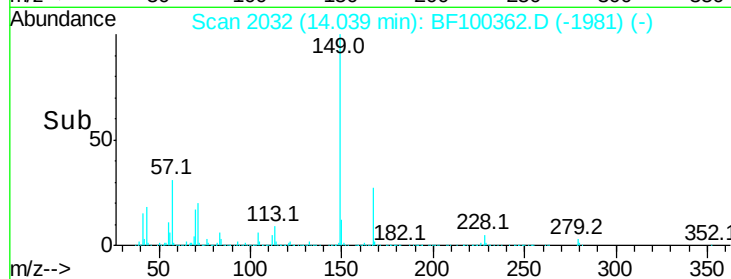
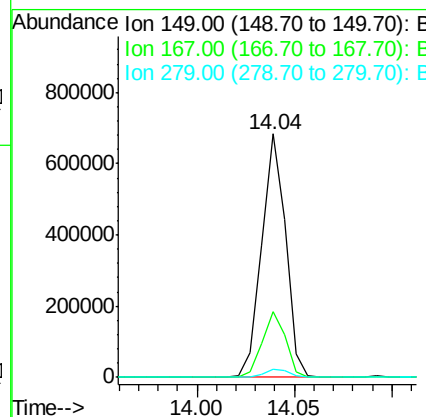
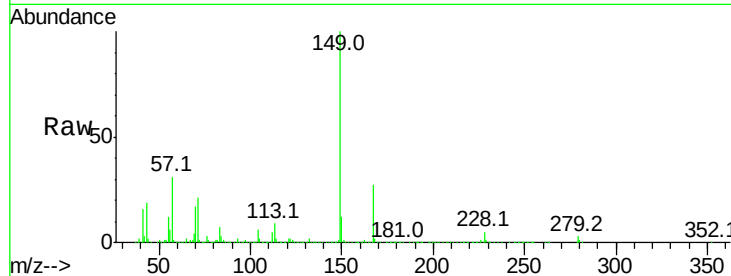




#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 40.958 ng  
 RT: 14.04 min Scan# 2032  
 Delta R.T. 0.00 min  
 Lab File: BF100362.D  
 Acq: 10 Nov 2017 1:05

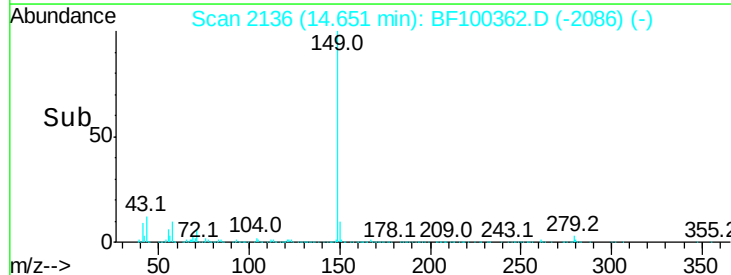
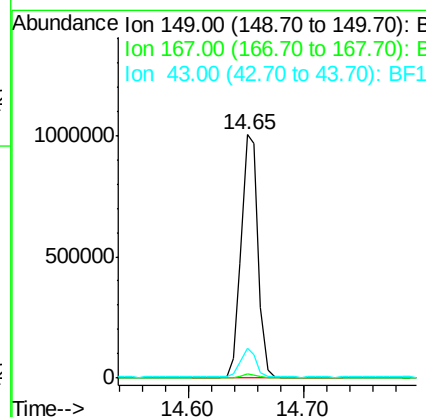
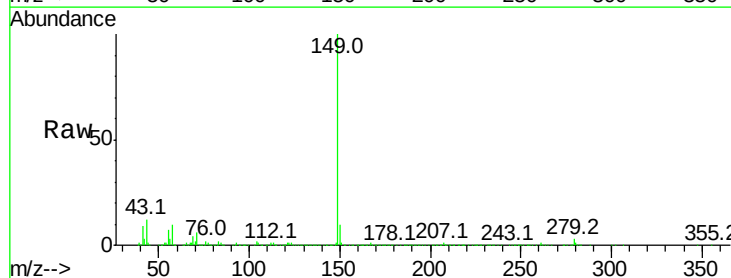
Instrument :  
 BNA\_F  
 ClientSampleId :

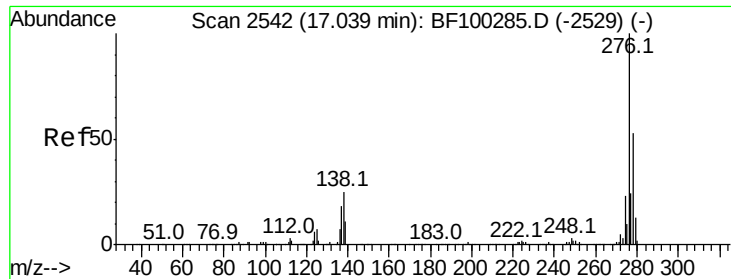
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 27.0  | 21.3  | 31.9  |
| 279     | 3.5   | 3.0   | 4.4   |



#84  
 Di-n-octyl phthalate  
 Concen: 41.434 ng  
 RT: 14.65 min Scan# 2136  
 Delta R.T. -0.01 min  
 Lab File: BF100362.D  
 Acq: 10 Nov 2017 1:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 1.5   | 1.2   | 1.8   |
| 43      | 10.9  | 8.4   | 12.6  |

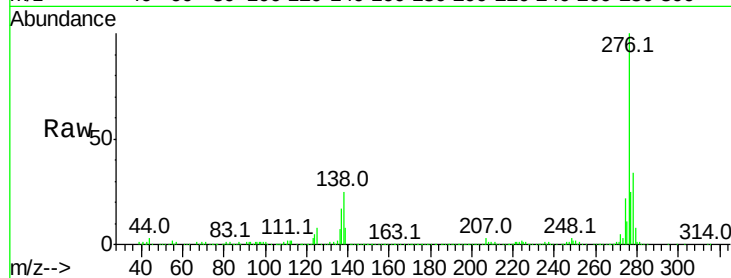




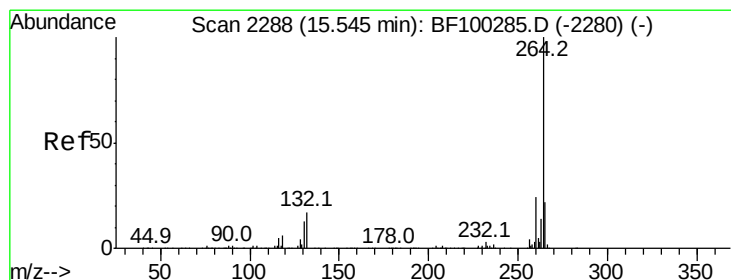
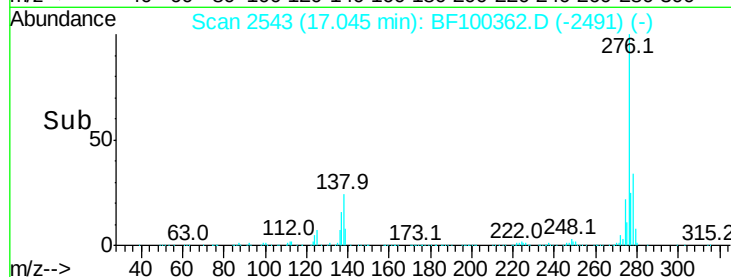
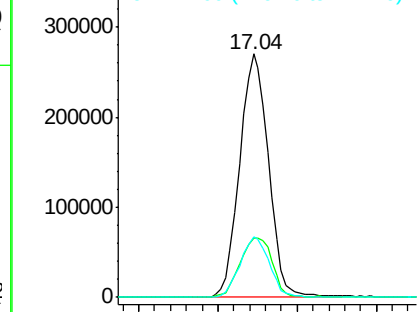
#85  
 Indeno(1,2,3-cd)pyrene  
 Concen: 39.075 ng  
 RT: 17.04 min Scan# 2543  
 Delta R.T. 0.01 min  
 Lab File: BF100362.D  
 Acq: 10 Nov 2017 1:05

Instrument :  
 BNA\_F  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 27.7  | 25.0  | 37.6  |
| 277     | 25.0  | 20.1  | 30.1  |

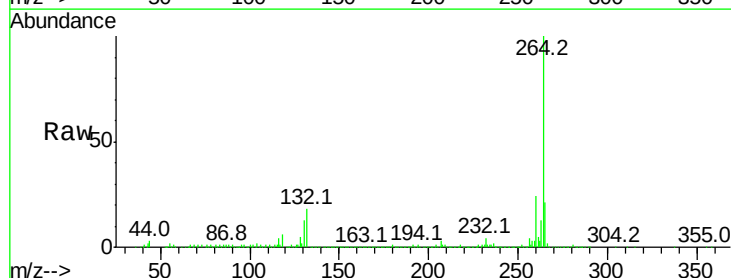


Abundance Ion 276.00 (275.70 to 276.70): E  
 Ion 138.00 (137.70 to 138.70): E  
 Ion 277.00 (276.70 to 277.70): E

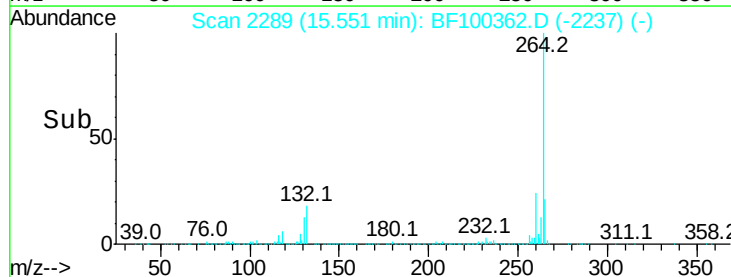
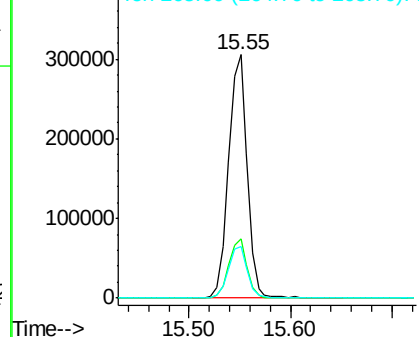


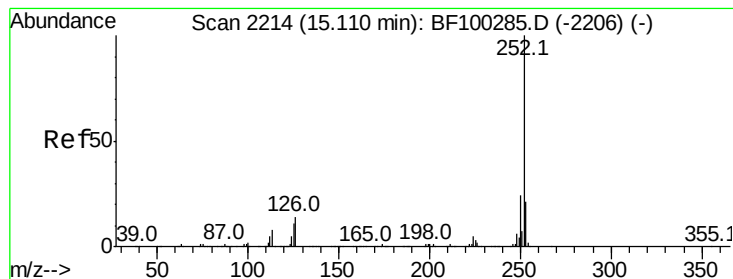
#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.55 min Scan# 2289  
 Delta R.T. 0.01 min  
 Lab File: BF100362.D  
 Acq: 10 Nov 2017 1:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 24.3  | 19.2  | 28.8  |
| 265     | 21.3  | 17.5  | 26.3  |



Abundance Ion 264.00 (263.70 to 264.70): E  
 Ion 260.00 (259.70 to 260.70): E  
 Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 34.167 ng

RT: 15.12 min Scan# 2215

Delta R.T. 0.01 min

Lab File: BF100362.D

Acq: 10 Nov 2017 1:05

Instrument :

BNA\_F

ClientSampled :

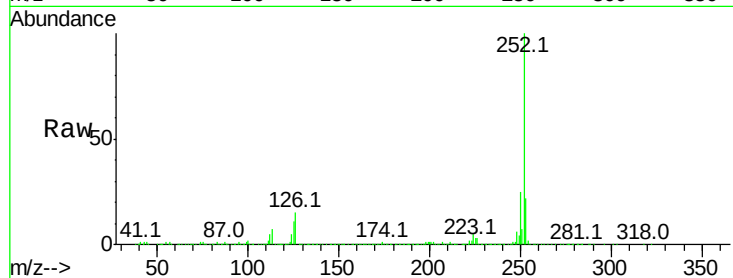
Tot Ion:252 Resp: 789815

Ion Ratio Lower Upper

252 100

253 22.3 17.0 25.6

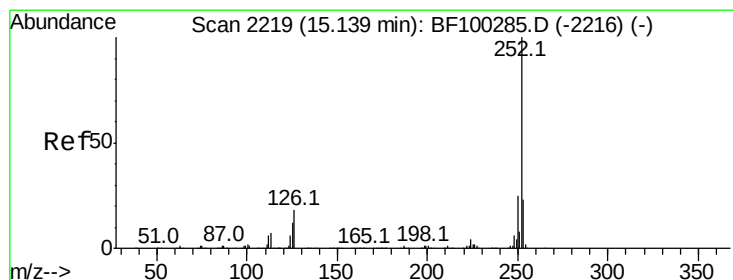
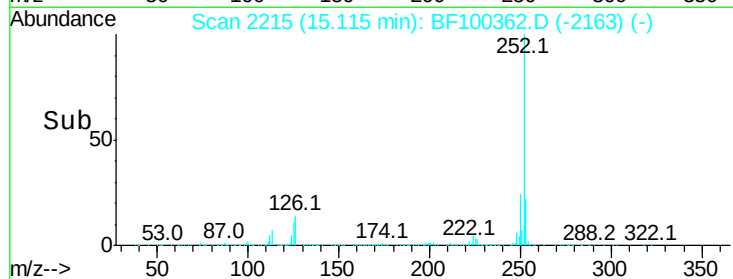
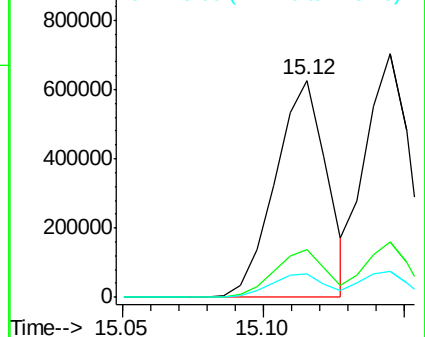
125 10.8 9.0 13.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 34.855 ng

RT: 15.14 min Scan# 2220

Delta R.T. 0.00 min

Lab File: BF100362.D

Acq: 10 Nov 2017 1:05

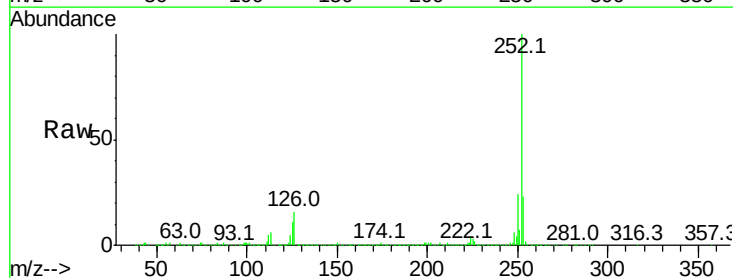
Tgt Ion:252 Resp: 761294

Ion Ratio Lower Upper

252 100

253 22.9 17.9 26.9

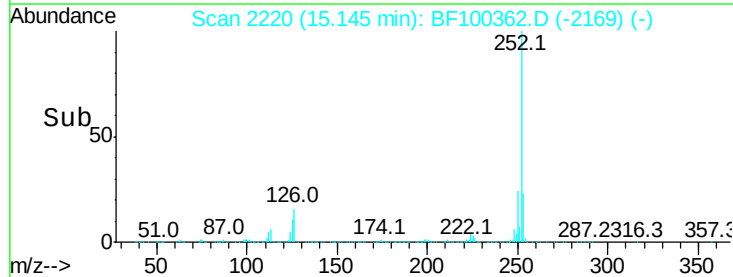
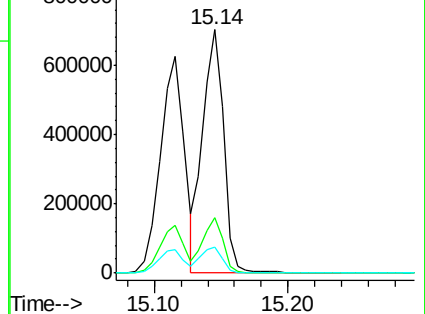
125 10.8 10.2 15.2



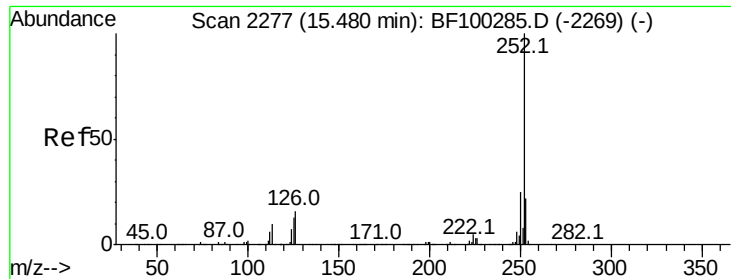
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



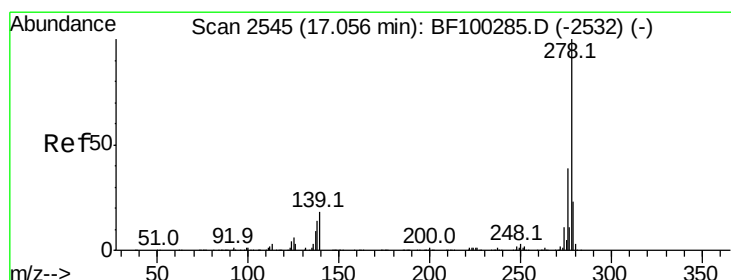
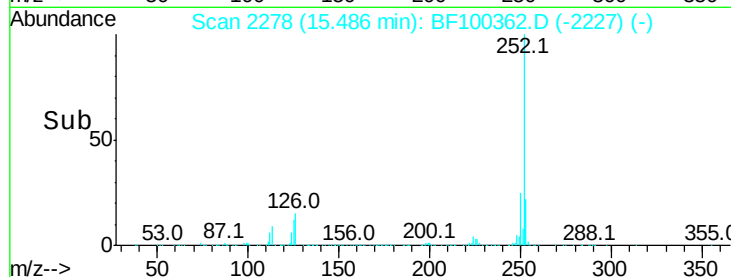
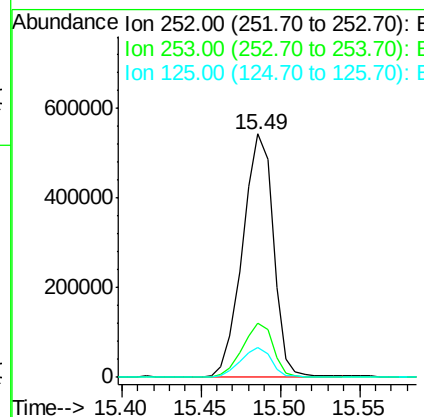
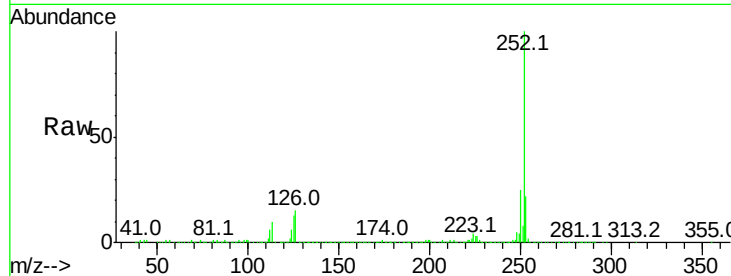




#89  
Benzo(a)pyrene  
Concen: 35.807 ng  
RT: 15.49 min Scan# 2278  
Delta R.T. 0.00 min  
Lab File: BF100362.D  
Acq: 10 Nov 2017 1:05

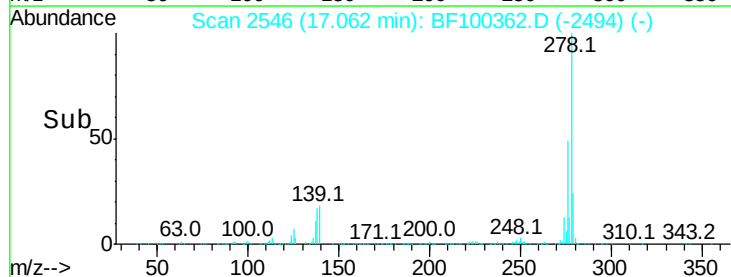
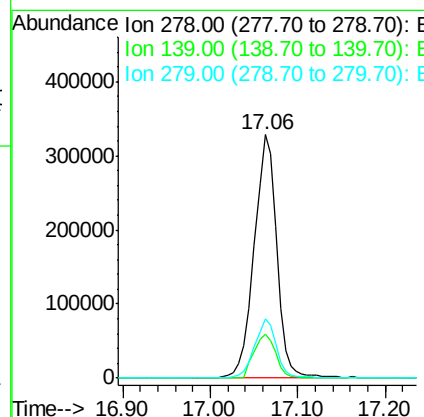
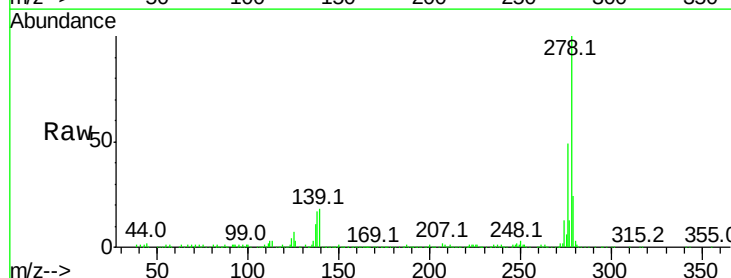
Instrument :  
BNA\_F  
ClientSampleId :

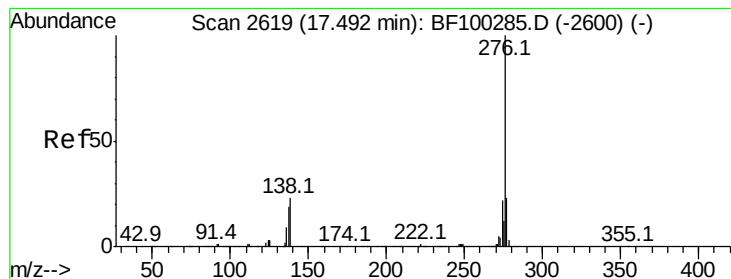
Tot Ion:252 Resp: 733809  
Ion Ratio Lower Upper  
252 100  
253 22.0 17.1 25.7  
125 12.5 9.8 14.6



#90  
Dibenzo(a,h)anthracene  
Concen: 34.391 ng  
RT: 17.06 min Scan# 2546  
Delta R.T. 0.01 min  
Lab File: BF100362.D  
Acq: 10 Nov 2017 1:05

Tgt Ion:278 Resp: 576374  
Ion Ratio Lower Upper  
278 100  
139 17.9 15.9 23.9  
279 24.2 19.0 28.4





#91

Benzo(a,h,i)perylene

Concen: 32.237 ng

RT: 17.50 min Scan# 2620

Delta R.T. 0.01 min

Lab File: BF100362.D

Acq: 10 Nov 2017 1:05

Instrument :

BNA\_F

ClientSampleId :

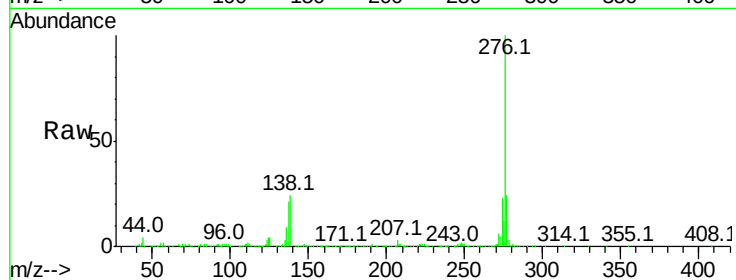
Tot Ion:276 Resp: 528882

Ion Ratio Lower Upper

276 100

277 24.2 17.9 26.9

138 24.5 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

