

Data Path : Z:\HPCHEM1\BNA F\Data\BF012815\  
 Data File : BF077114.D  
 Acq On : 28 Jan 2015 22:06  
 Operator : TP/IZ  
 Sample : G1137-04DL 10X  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :

Quant Time: Jan 29 02:56:55 2015  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF011415.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jan 29 00:11:13 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.72  | 152  | 29389    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.63 | 136  | 119724   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 14.76 | 164  | 54532    | 20.00 | ng    | 0.01     |
| 63) Phenanthrene-d10      | 17.60 | 188  | 101024   | 20.00 | ng    | 0.01     |
| 75) Chrysene-d12          | 21.10 | 240  | 93515    | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 22.73 | 264  | 91126    | 20.00 | ng    | -0.01    |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|-------|------|----------|-------|-------|----------|
| 5) 2-Fluorophenol           | 4.76  | 112  | 19684    | 11.01 | ng    | 0.00     |
| 7) Phenol-d6                | 7.13  | 99   | 24704    | 10.96 | ng    | -0.01    |
| 23) Nitrobenzene-d5         | 9.03  | 82   | 15963    | 7.39  | ng    | 0.01     |
| 41) 2,4,6-Tribromophenol    | 16.49 | 330  | 5370     | 12.13 | ng    | 0.01     |
| 44) 2-Fluorobiphenyl        | 13.29 | 172  | 30215    | 8.43  | ng    | 0.01     |
| 78) Terphenyl-d14           | 19.84 | 244  | 29568    | 7.28  | ng    | 0.00     |

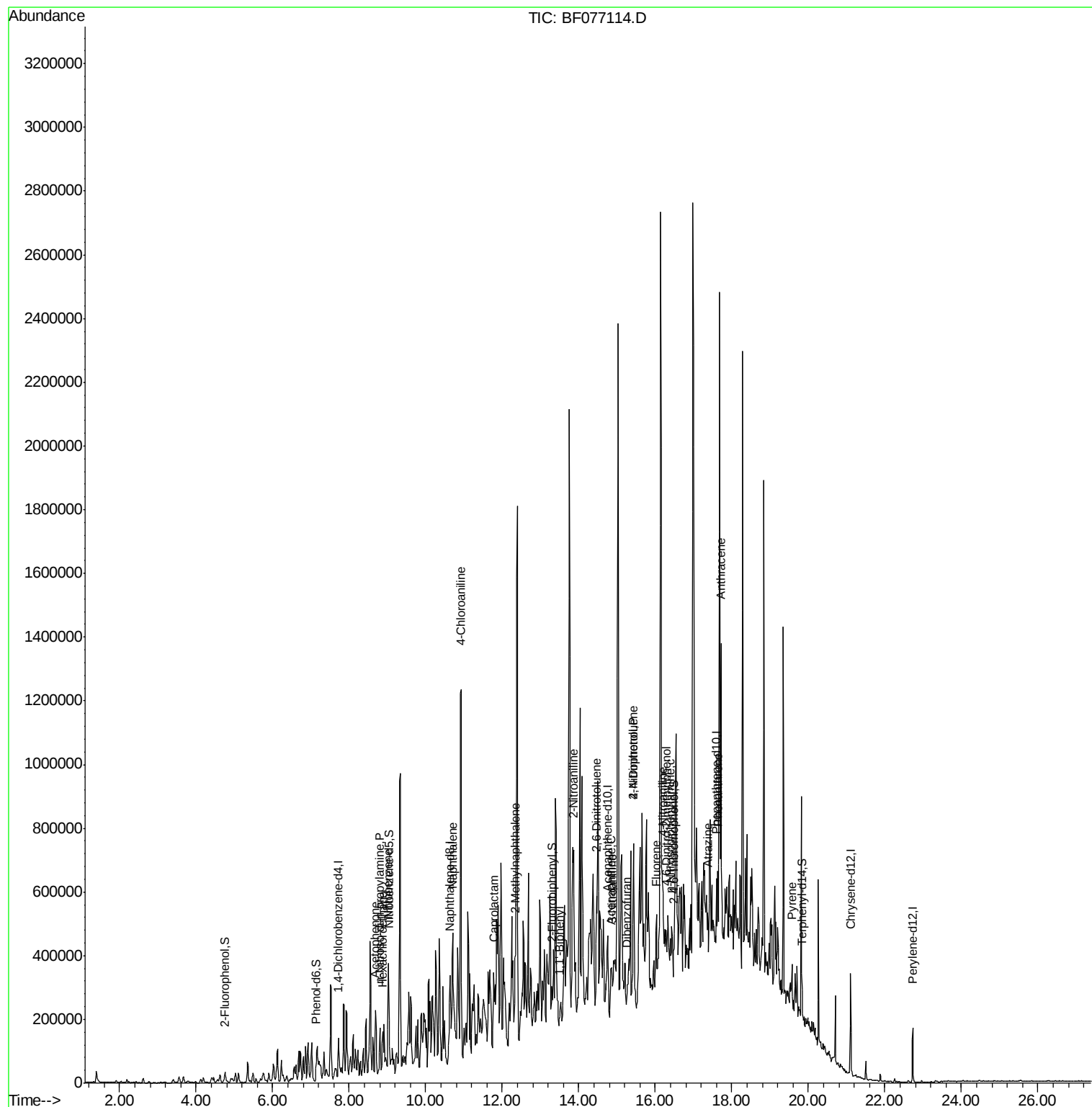
| Target Compounds               | R.T.  | QIon | Response | Conc  | Units | Qvalue |
|--------------------------------|-------|------|----------|-------|-------|--------|
| 18) Hexachloroethane           | 8.87  | 117  | 5568     | 6.44  | ng    | # 1    |
| 19) n-Nitroso-di-n-propylamine | 8.80  | 70   | 4188     | 2.65  | ng    | # 40   |
| 22) Acetophenone               | 8.68  | 105  | 88282    | 30.11 | ng    | # 55   |
| 24) Nitrobenzene               | 9.02  | 77   | 15308    | 6.95  | ng    | # 15   |
| 31) Naphthalene                | 10.71 | 128  | 35322    | 5.73  | ng    | # 1    |
| 33) 4-Chloroaniline            | 10.93 | 127  | 8561     | 3.44  | ng    | # 81   |
| 35) Caprolactam                | 11.79 | 113  | 2046     | 4.38  | ng    | # 1    |
| 37) 2-Methylnaphthalene        | 12.33 | 142  | 92150    | 21.89 | ng    | 96     |
| 45) 1,1'-Biphenyl              | 13.49 | 154  | 10045    | 2.48  | ng    | 97     |
| 47) 2-Nitroaniline             | 13.85 | 65   | 6347     | 6.29  | ng    | # 45   |
| 50) 2,6-Dinitrotoluene         | 14.46 | 165  | 2877     | 3.72  | ng    | # 1    |
| 51) Acenaphthene               | 14.84 | 154  | 20396    | 6.41  | ng    | # 87   |
| 52) 3-Nitroaniline             | 14.86 | 138  | 700      | 2.49  | ng    | # 71   |
| 54) Dibenzofuran               | 15.26 | 168  | 12355    | 2.66  | ng    | # 76   |
| 55) 4-Nitrophenol              | 15.43 | 139  | 10676    | 17.61 | ng    | # 44   |
| 56) 2,4-Dinitrotoluene         | 15.43 | 165  | 8903     | 9.46  | ng    | # 54   |
| 57) Fluorene                   | 16.01 | 166  | 40586    | 10.33 | ng    | # 85   |
| 61) 4-Nitroaniline             | 16.19 | 138  | 745      | 2.17  | ng    | # 77   |
| 64) 4,6-Dinitro-2-methylphenol | 16.29 | 198  | 306      | 3.74  | ng    | # 1    |
| 65) n-Nitrosodiphenylamine     | 16.39 | 169  | 44738    | 12.42 | ng    | # 35   |
| 68) Atrazine                   | 17.37 | 200  | 3840     | 3.51  | ng    | # 56   |
| 70) Phenanthrene               | 17.64 | 178  | 111729   | 17.73 | ng    | 96     |
| 71) Anthracene                 | 17.72 | 178  | 20299    | 3.30  | ng    | # 33   |
| 77) Pyrene                     | 19.57 | 202  | 33909    | 5.29  | ng    | # 81   |

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

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.72 min Scan# 580

Delta R.T. -0.00 min

Lab File: BF077114.D

Acq: 28 Jan 2015 22:06

Instrument :

BNA\_F

ClientSampleId :

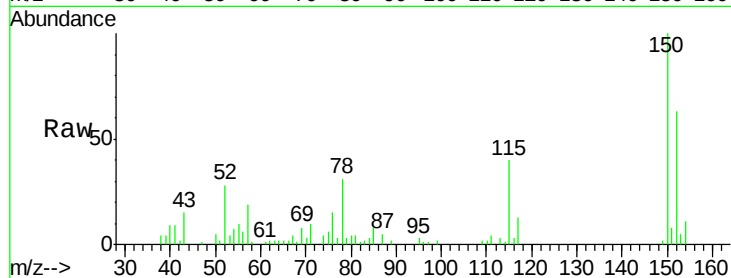
Tot Ion:152 Resp: 29389

Ion Ratio Lower Upper

152 100

150 159.0 121.7 182.5

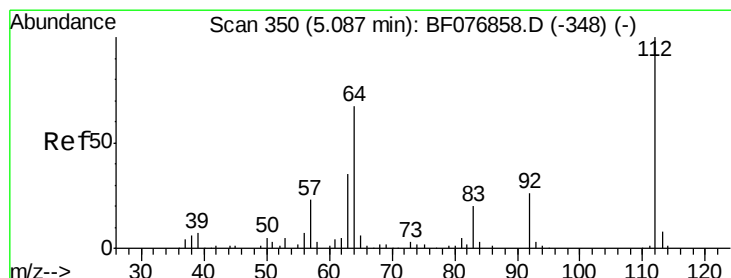
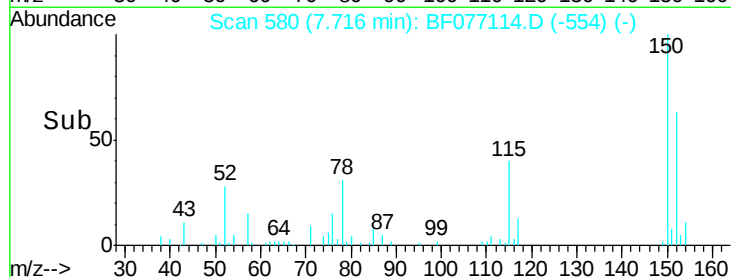
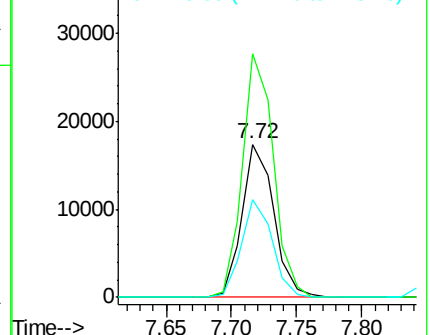
115 64.1 47.0 70.6



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



#5

2-Fluorophenol

Concen: 11.01 ng

RT: 4.76 min Scan# 321

Delta R.T. -0.00 min

Lab File: BF077114.D

Acq: 28 Jan 2015 22:06

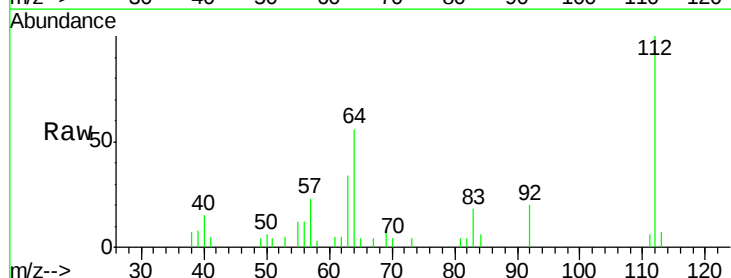
Tgt Ion:112 Resp: 19684

Ion Ratio Lower Upper

112 100

64 56.4 54.2 81.4

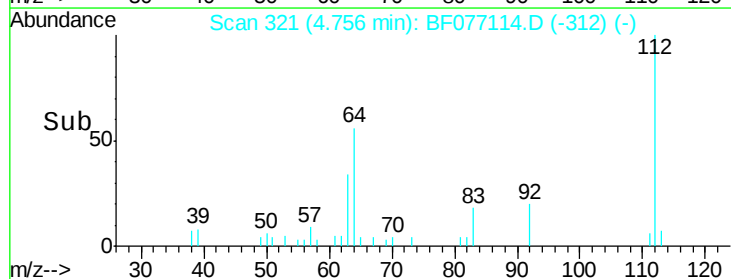
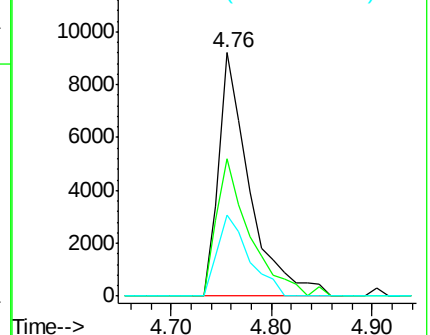
63 33.5 28.4 42.6

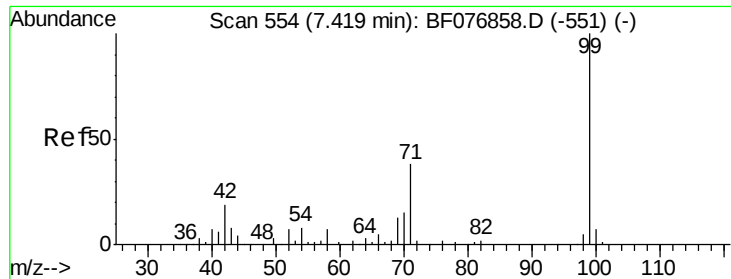


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 10.96 ng

RT: 7.13 min Scan# 529

Delta R.T. -0.01 min

Lab File: BF077114.D

Acq: 28 Jan 2015 22:06

Instrument :

BNA\_F

ClientSampled :

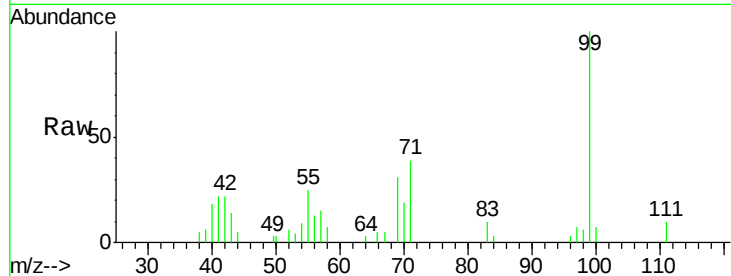
Tot Ion: 99 Resp: 24704

Ion Ratio Lower Upper

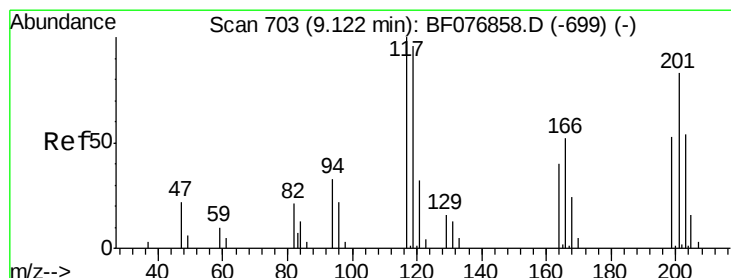
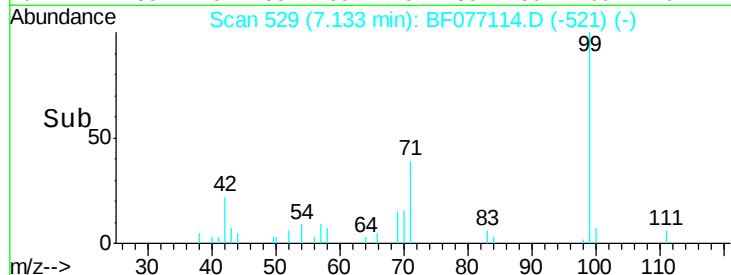
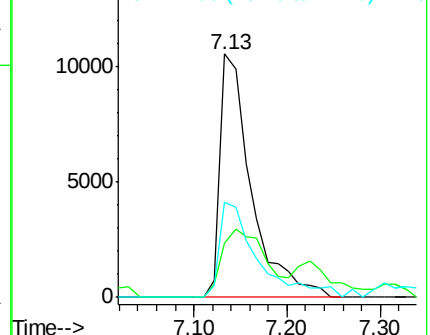
99 100

42 22.4 15.0 22.4

71 39.2 30.5 45.7



Abundance Ion 99.00 (98.70 to 99.70): BF0  
Ion 42.00 (41.70 to 42.70): BF0  
Ion 71.00 (70.70 to 71.70): BF0



#18

Hexachloroethane

Concen: 6.44 ng

RT: 8.87 min Scan# 681

Delta R.T. 0.05 min

Lab File: BF077114.D

Acq: 28 Jan 2015 22:06

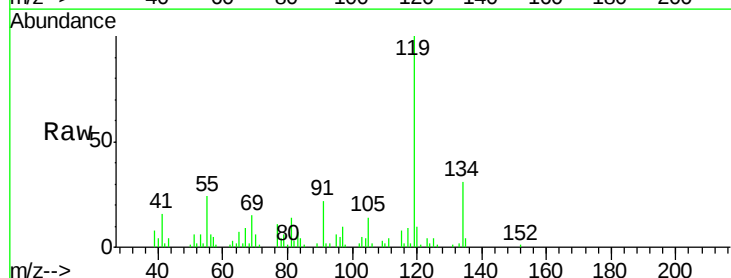
Tgt Ion: 117 Resp: 5568

Ion Ratio Lower Upper

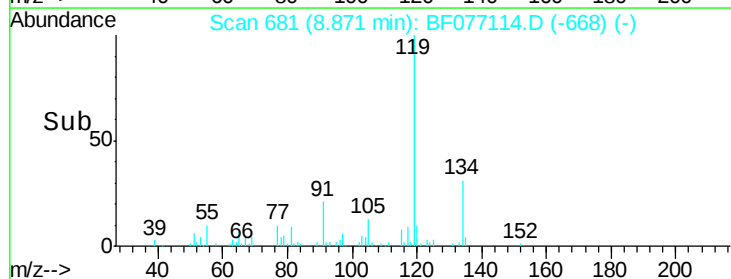
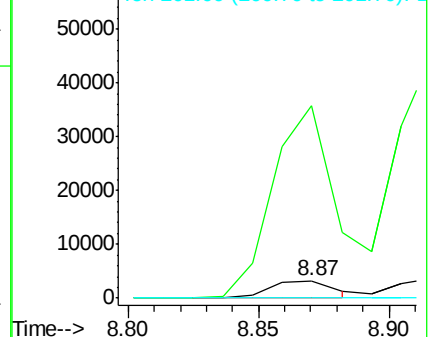
117 100

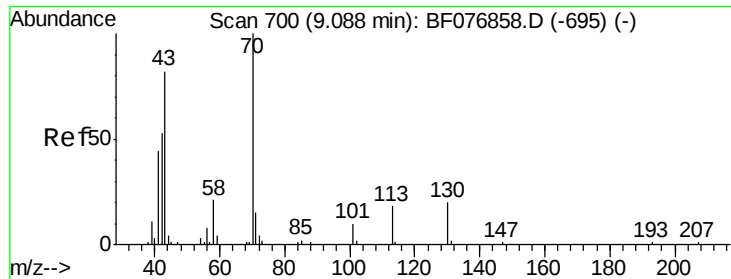
119 1101.8 77.1 115.7#

201 0.0 66.8 100.2#



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

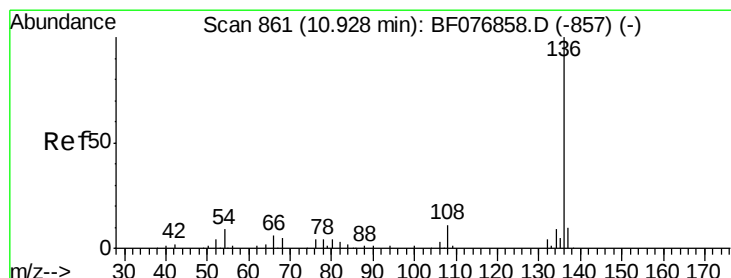
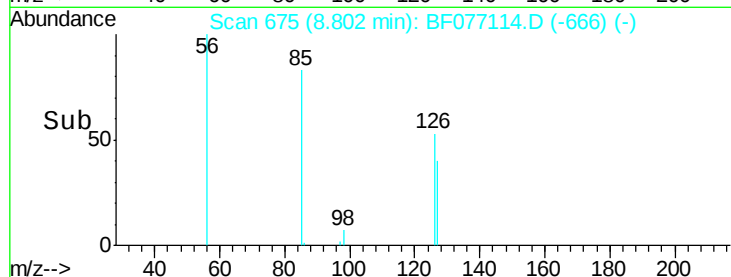
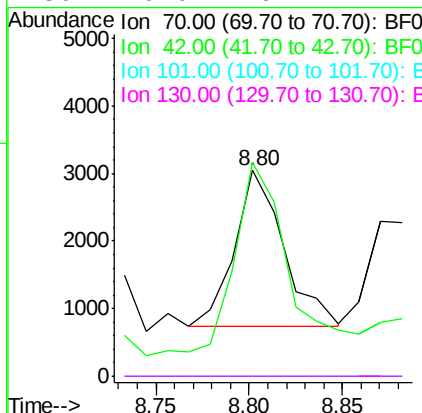
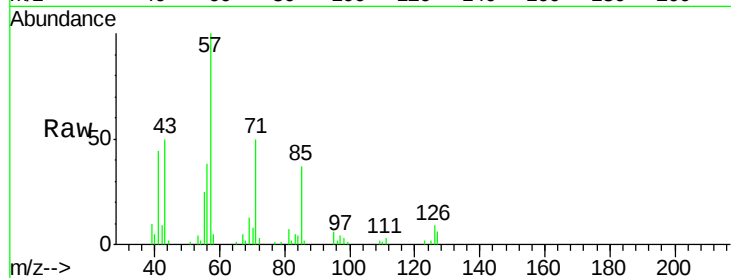




#19  
n-Nitroso-di-n-propylamine  
Concen: 2.65 ng  
RT: 8.80 min Scan# 675  
Delta R.T. -0.00 min  
Lab File: BF077114.D  
Acq: 28 Jan 2015 22:06

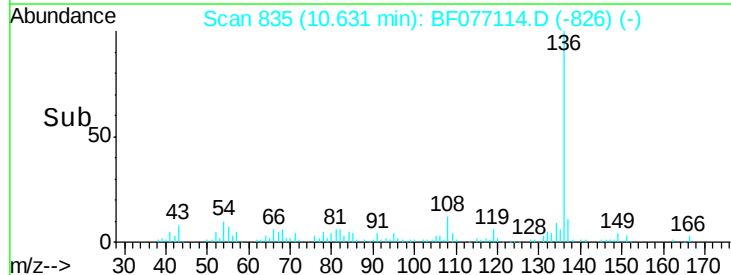
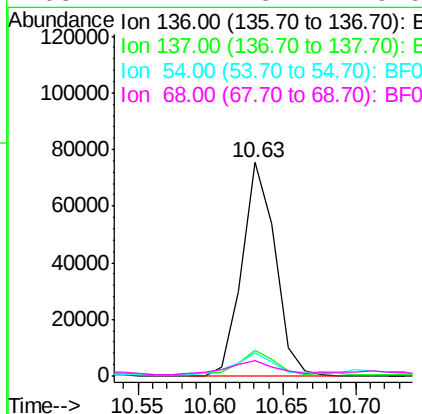
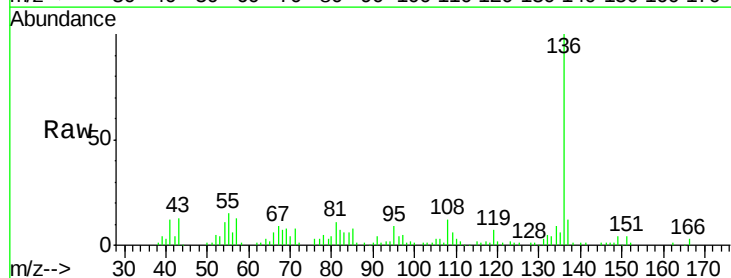
Instrument :  
BNA\_F  
ClientSampleId :

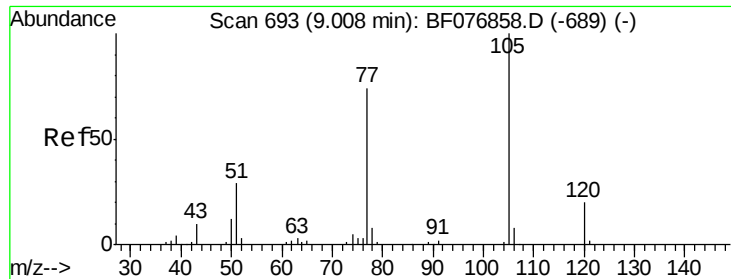
Tot Ion: 70 Resp: 4188  
Ion Ratio Lower Upper  
70 100  
42 103.7 42.1 63.1#  
101 0.0 7.8 11.8#  
130 0.0 16.2 24.4#



#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 10.63 min Scan# 835  
Delta R.T. -0.00 min  
Lab File: BF077114.D  
Acq: 28 Jan 2015 22:06

Tgt Ion: 136 Resp: 119724  
Ion Ratio Lower Upper  
136 100  
137 11.8 8.1 12.1  
54 11.0 7.0 10.4#  
68 7.1 3.7 5.5#

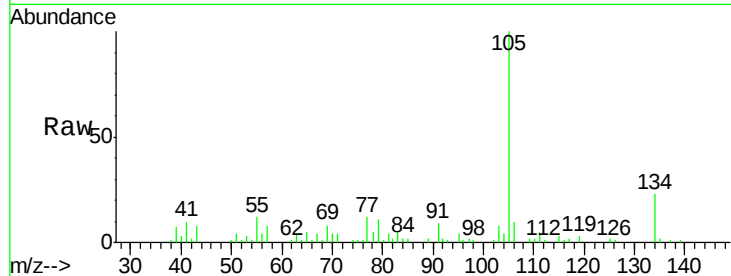




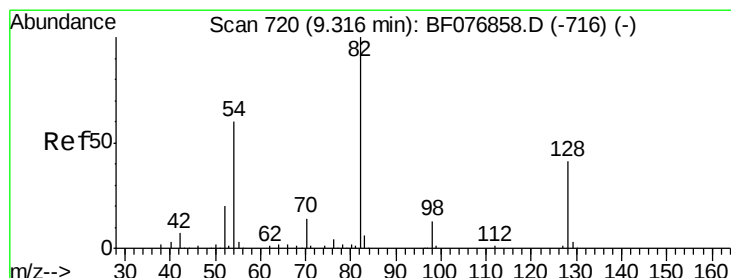
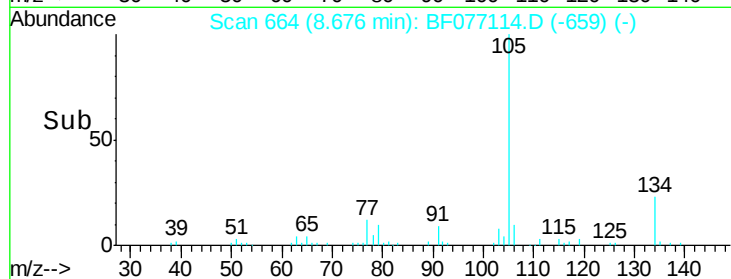
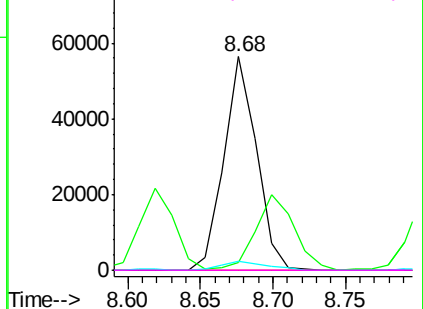
#22  
Acetophenone  
Concen: 30.11 ng  
RT: 8.68 min Scan# 664  
Delta R.T. -0.05 min  
Lab File: BF077114.D  
Acq: 28 Jan 2015 22:06

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion: 105 Resp: 88282  
Ion Ratio Lower Upper  
105 100  
71 3.7 0.0 0.0#  
51 4.3 23.3 34.9#  
120 0.0 16.1 24.1#

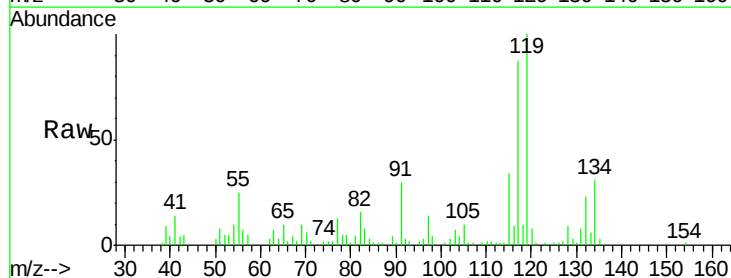


Abundance Ion 105.00 (104.70 to 105.70): E  
Ion 71.00 (70.70 to 71.70): BF0  
Ion 51.00 (50.70 to 51.70): BF0  
Ion 120.00 (119.70 to 120.70): E

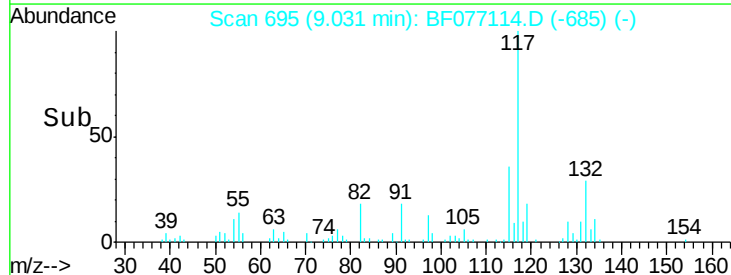
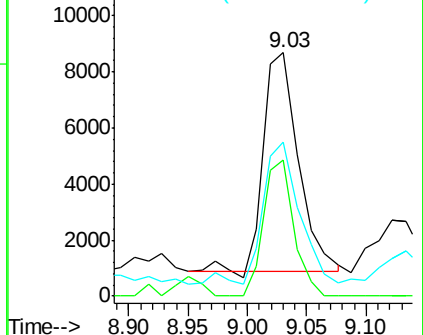


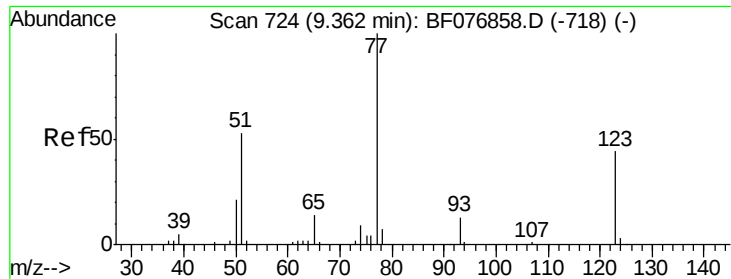
#23  
Nitrobenzene-d5  
Concen: 7.39 ng  
RT: 9.03 min Scan# 695  
Delta R.T. 0.01 min  
Lab File: BF077114.D  
Acq: 28 Jan 2015 22:06

Tgt Ion: 82 Resp: 15963  
Ion Ratio Lower Upper  
82 100  
128 55.7 33.1 49.7#  
54 63.1 48.3 72.5



Abundance Ion 82.00 (81.70 to 82.70): BF0  
Ion 128.00 (127.70 to 128.70): E  
Ion 54.00 (53.70 to 54.70): BF0

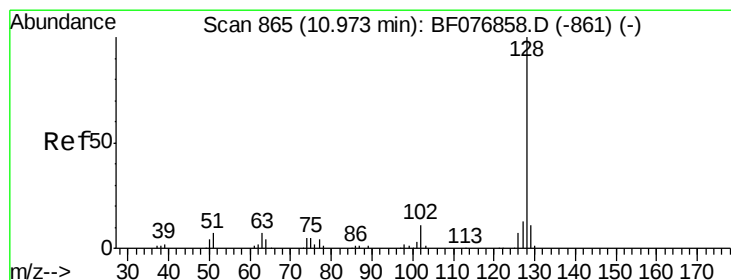
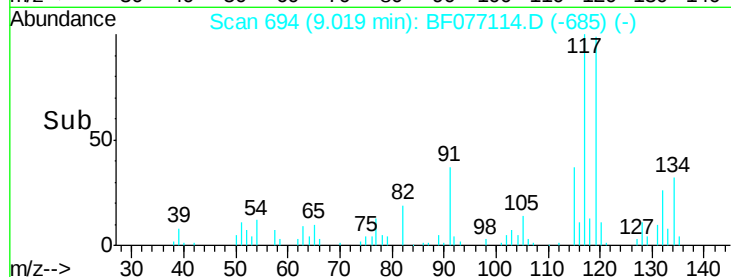
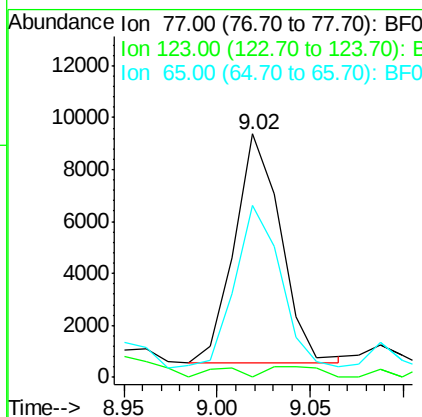
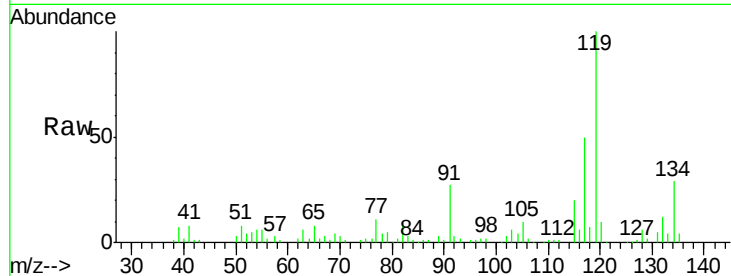




#24  
 Nitrobenzene  
 Concen: 6.95 ng  
 RT: 9.02 min Scan# 694  
 Delta R.T. -0.00 min  
 Lab File: BF077114.D  
 Acq: 28 Jan 2015 22:06

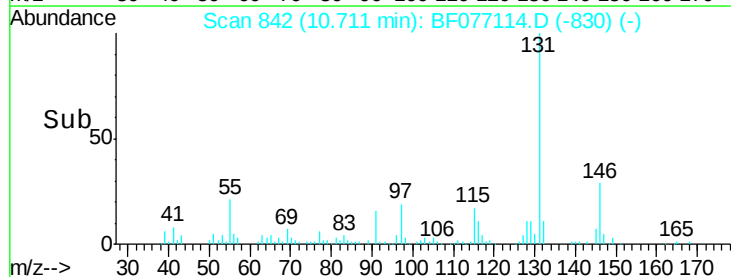
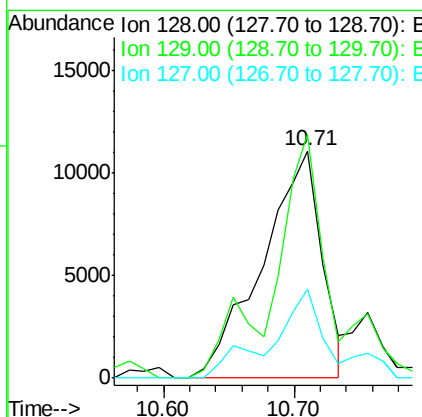
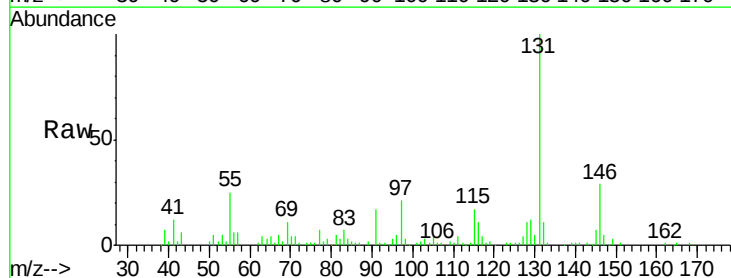
Instrument :  
 BNA\_F  
 ClientSampleId :

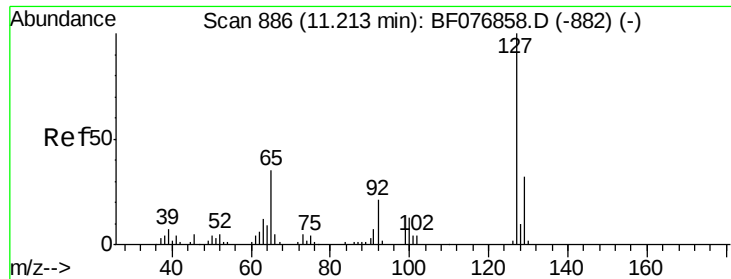
Tot Ion: 77 Resp: 15308  
 Ion Ratio Lower Upper  
 77 100  
 123 0.0 35.2 52.8#  
 65 70.8 11.4 17.2#



#31  
 Naphthalene  
 Concen: 5.73 ng  
 RT: 10.71 min Scan# 842  
 Delta R.T. 0.03 min  
 Lab File: BF077114.D  
 Acq: 28 Jan 2015 22:06

Tgt Ion: 128 Resp: 35322  
 Ion Ratio Lower Upper  
 128 100  
 129 107.0 9.0 13.6#  
 127 39.1 10.2 15.2#

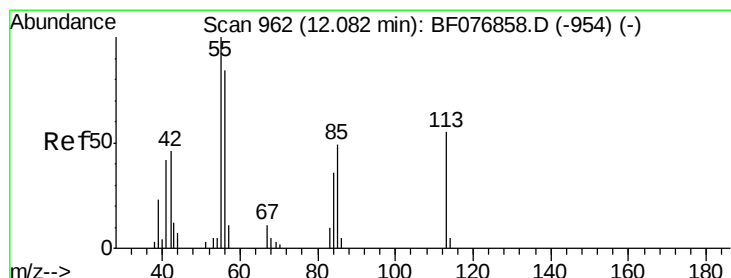
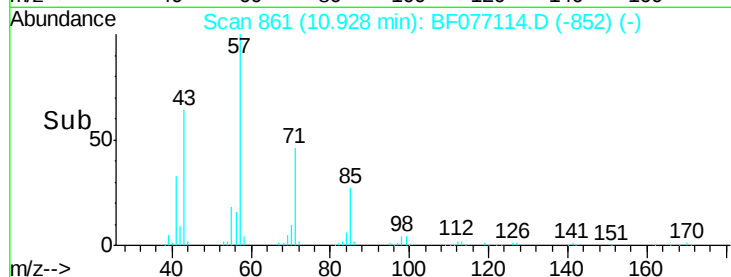
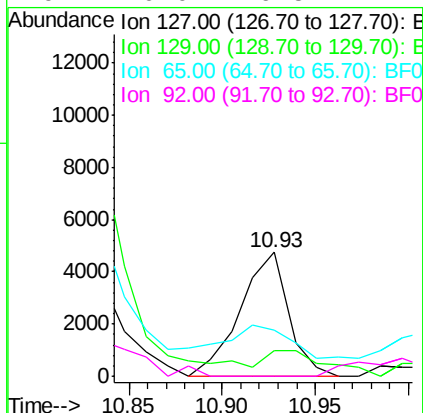
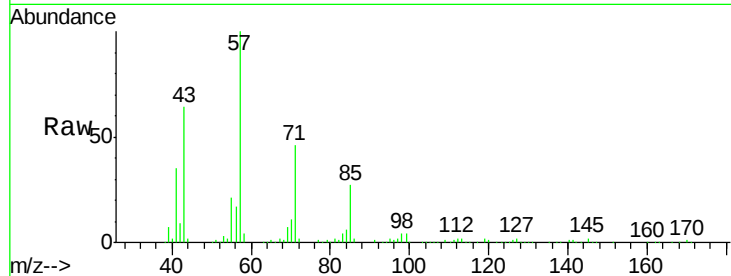




#33  
4-Chloroaniline  
Concen: 3.44 ng  
RT: 10.93 min Scan# 861  
Delta R.T. -0.00 min  
Lab File: BF077114.D  
Acq: 28 Jan 2015 22:06

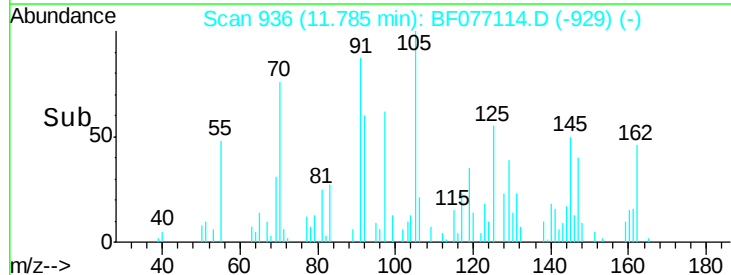
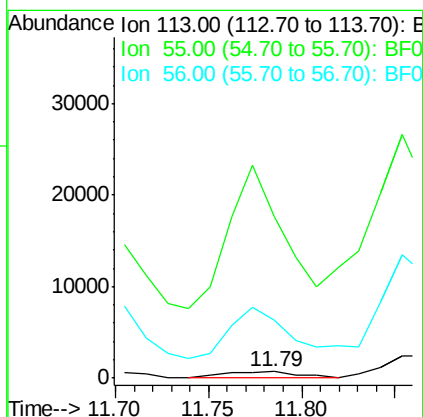
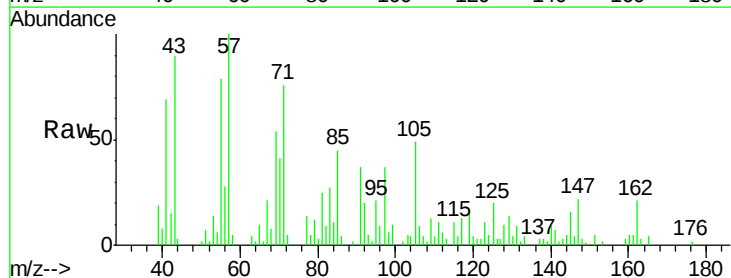
Instrument :  
BNA\_F  
ClientSampled :

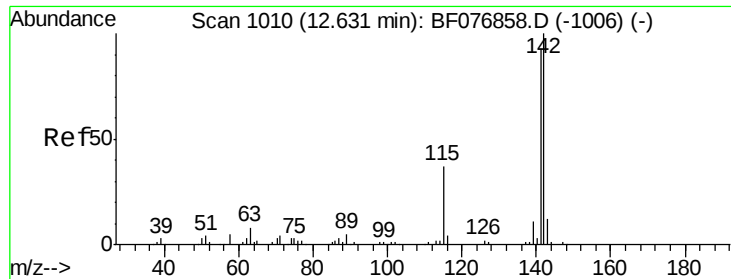
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 127     | 100   |       |       |
| 129     | 20.7  | 25.3  | 37.9# |
| 65      | 36.8  | 27.8  | 41.6  |
| 92      | 0.0   | 16.5  | 24.7# |



#35  
Caprolactam  
Concen: 4.38 ng  
RT: 11.79 min Scan# 936  
Delta R.T. -0.02 min  
Lab File: BF077114.D  
Acq: 28 Jan 2015 22:06

| Tgt Ion | Ratio  | Lower | Upper  |
|---------|--------|-------|--------|
| 113     | 100    |       |        |
| 55      | 2545.2 | 162.1 | 202.1# |
| 56      | 910.7  | 133.7 | 173.7# |

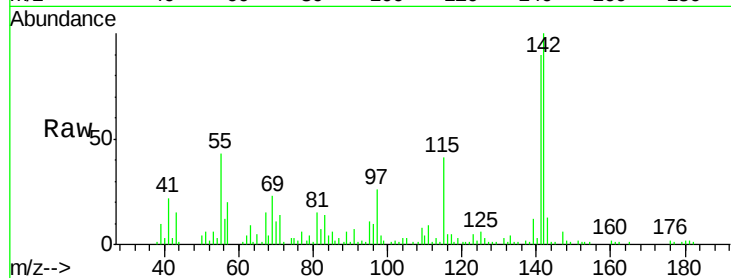




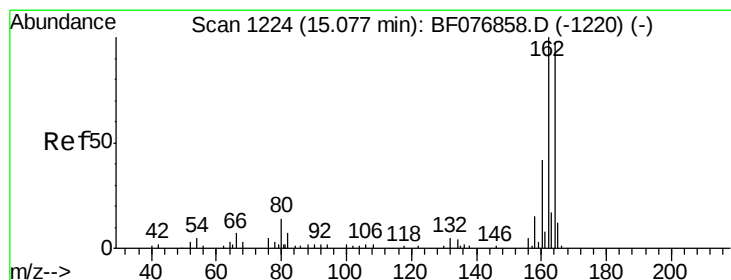
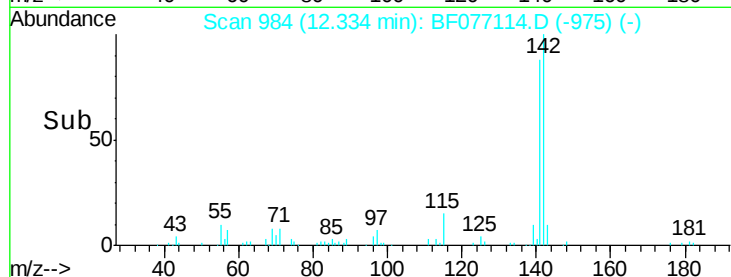
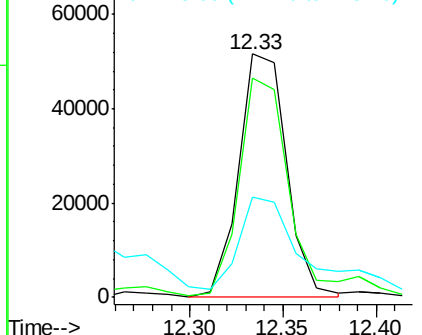
#37  
2-Methylnaphthalene  
Concen: 21.89 ng  
RT: 12.33 min Scan# 984  
Delta R.T. -0.00 min  
Lab File: BF077114.D  
Acq: 28 Jan 2015 22:06

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:142 Resp: 92150  
Ion Ratio Lower Upper  
142 100  
141 90.1 74.5 111.7  
115 41.0 29.7 44.5

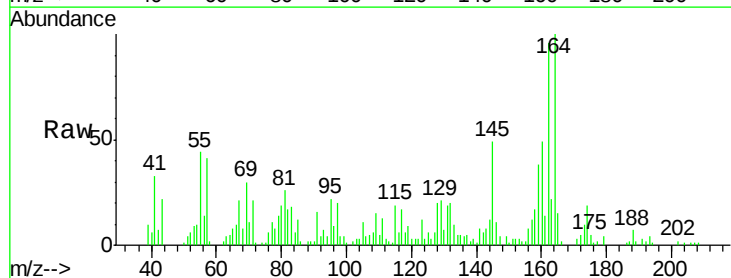


Abundance Ion 142.00 (141.70 to 142.70): E  
Ion 141.00 (140.70 to 141.70): E  
Ion 115.00 (114.70 to 115.70): E

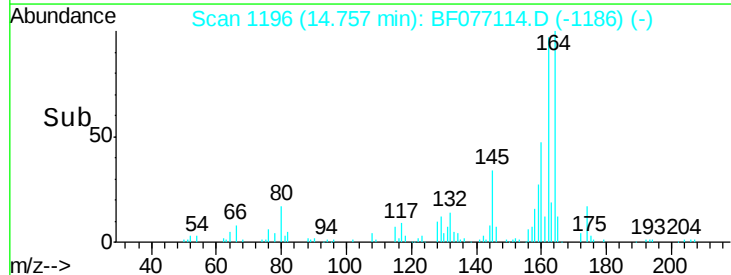
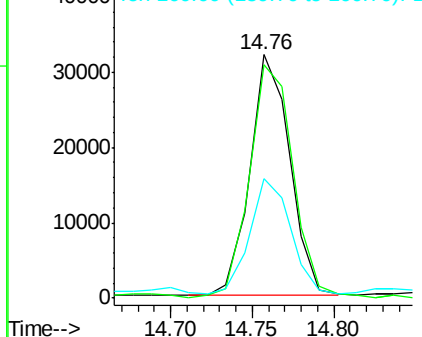


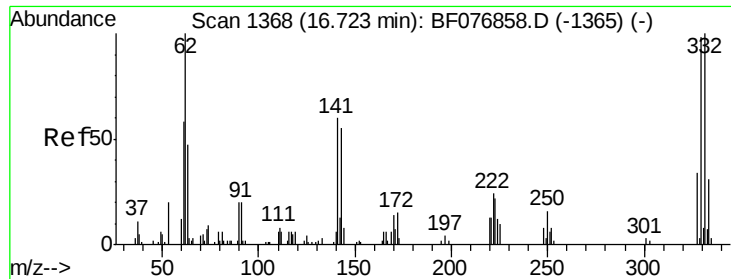
#38  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 14.76 min Scan# 1196  
Delta R.T. 0.01 min  
Lab File: BF077114.D  
Acq: 28 Jan 2015 22:06

Tgt Ion:164 Resp: 54532  
Ion Ratio Lower Upper  
164 100  
162 96.1 82.4 123.6  
160 49.0 34.8 52.2



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

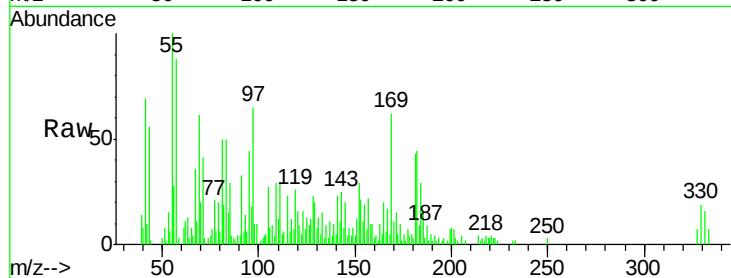




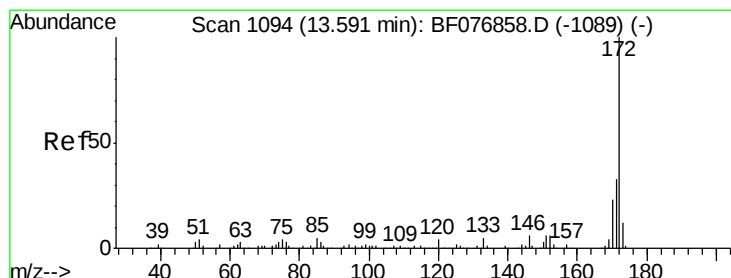
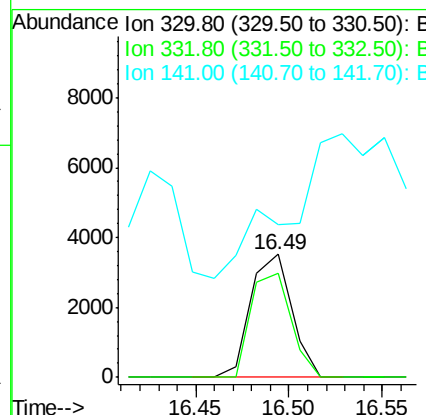
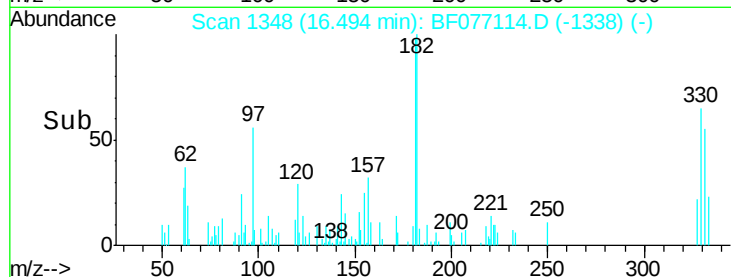
#41  
 2,4,6-Tribromophenol  
 Concen: 12.13 ng  
 RT: 16.49 min Scan# 1348  
 Delta R.T. 0.01 min  
 Lab File: BF077114.D  
 Acq: 28 Jan 2015 22:06

Instrument :  
 BNA\_F  
 ClientSampleId :

Tot Ion:330 Resp: 5370  
 Ion Ratio Lower Upper  
 330 100  
 332 82.8 77.8 116.6  
 141 0.0 38.5 57.7#

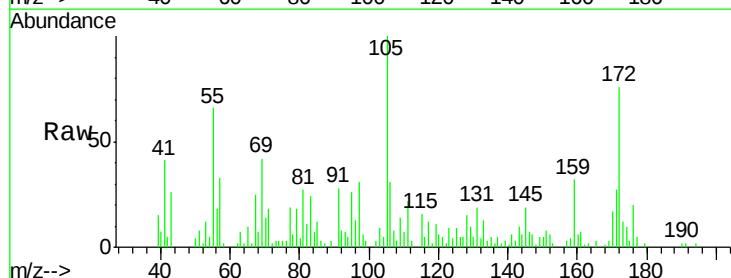


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

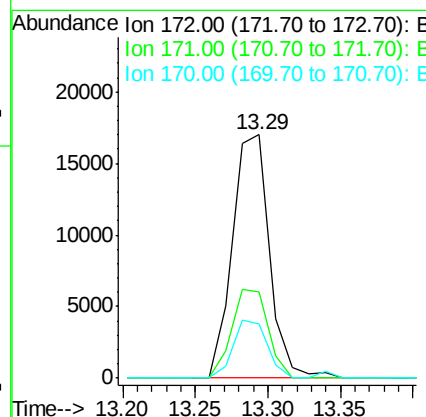
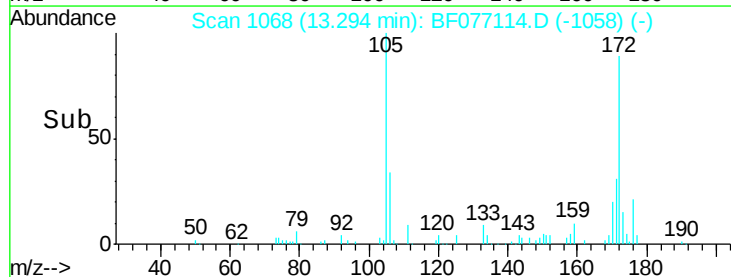


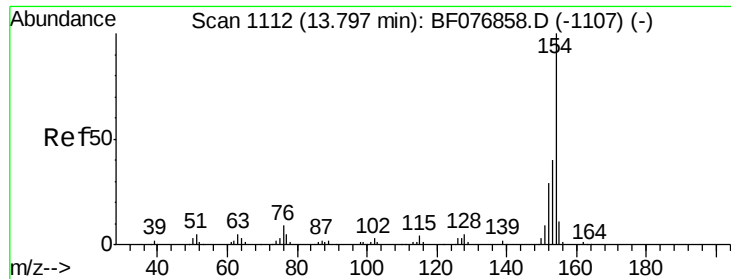
#44  
 2-Fluorobiphenyl  
 Concen: 8.43 ng  
 RT: 13.29 min Scan# 1068  
 Delta R.T. 0.01 min  
 Lab File: BF077114.D  
 Acq: 28 Jan 2015 22:06

Tgt Ion:172 Resp: 30215  
 Ion Ratio Lower Upper  
 172 100  
 171 35.1 26.6 40.0  
 170 22.2 18.0 27.0



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

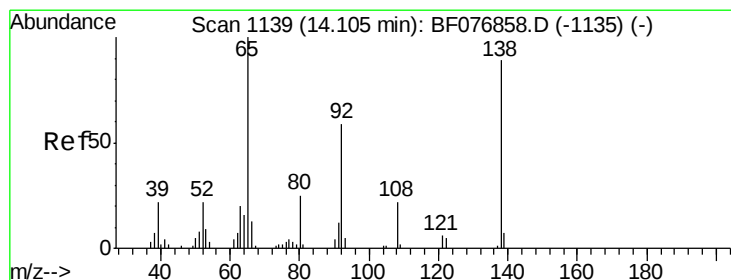
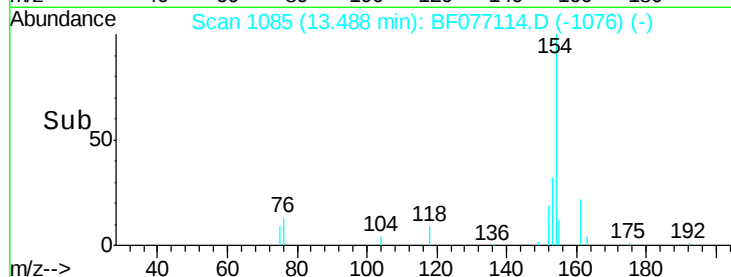
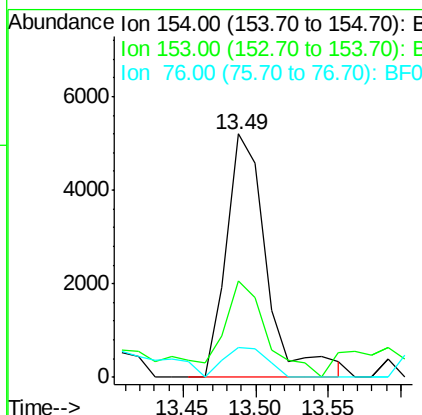
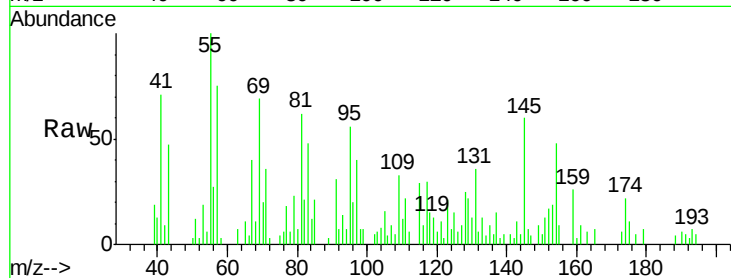




#45  
 1,1'-Biphenyl  
 Concen: 2.48 ng  
 RT: 13.49 min Scan# 1085  
 Delta R.T. -0.00 min  
 Lab File: BF077114.D  
 Acq: 28 Jan 2015 22:06

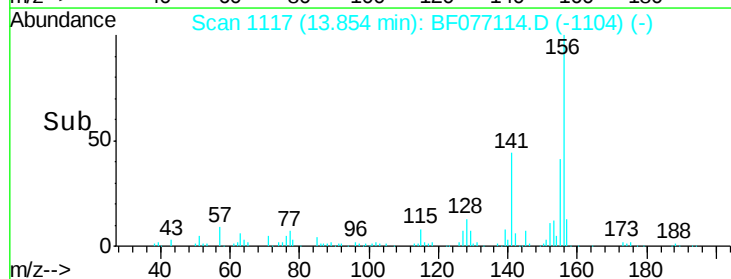
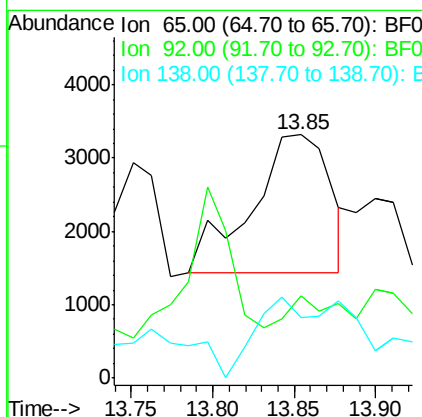
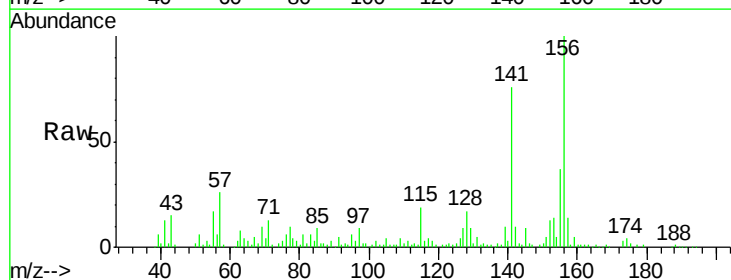
Instrument :  
 BNA\_F  
 ClientSampleId :

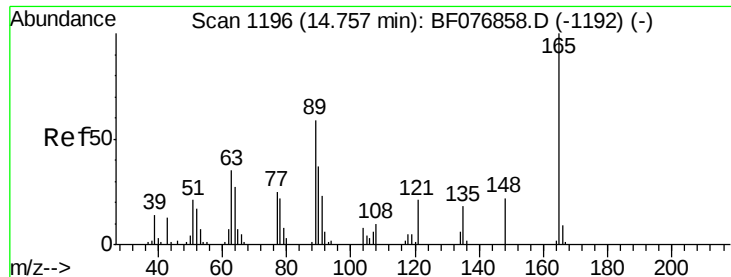
Tot Ion:154 Resp: 10045  
 Ion Ratio Lower Upper  
 154 100  
 153 39.4 20.2 60.2  
 76 12.3 0.0 29.0



#47  
 2-Nitroaniline  
 Concen: 6.29 ng  
 RT: 13.85 min Scan# 1117  
 Delta R.T. 0.05 min  
 Lab File: BF077114.D  
 Acq: 28 Jan 2015 22:06

Tgt Ion: 65 Resp: 6347  
 Ion Ratio Lower Upper  
 65 100  
 92 33.6 47.3 70.9#  
 138 24.8 71.4 107.2#

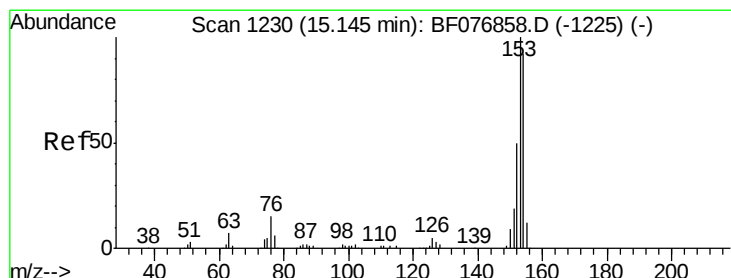
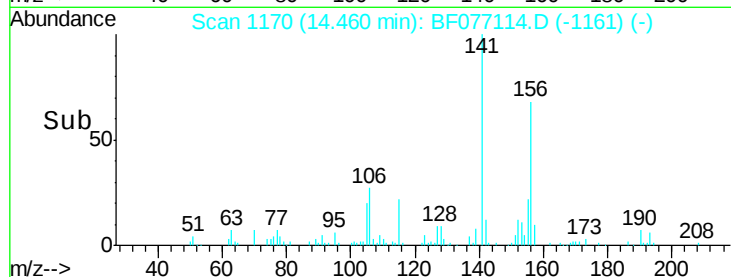
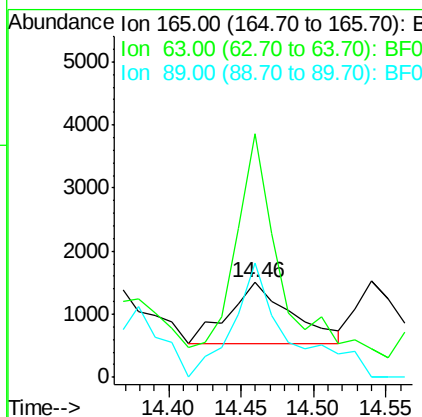
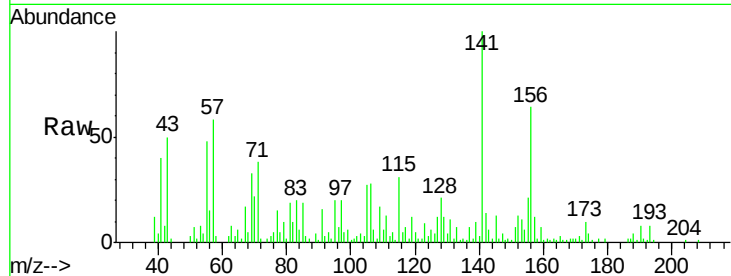




#50  
 2,6-Dinitrotoluene  
 Concen: 3.72 ng  
 RT: 14.46 min Scan# 1170  
 Delta R.T. -0.00 min  
 Lab File: BF077114.D  
 Acq: 28 Jan 2015 22:06

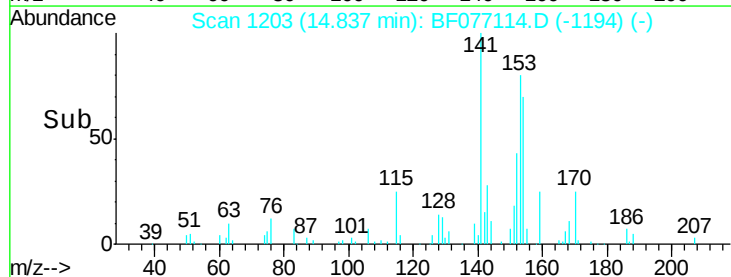
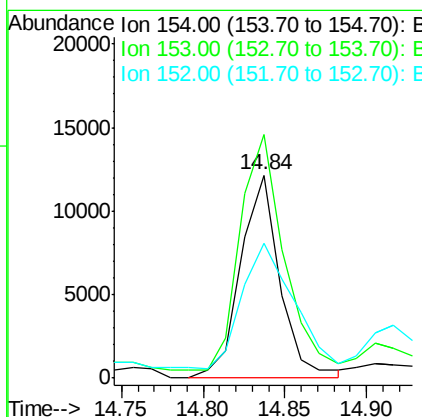
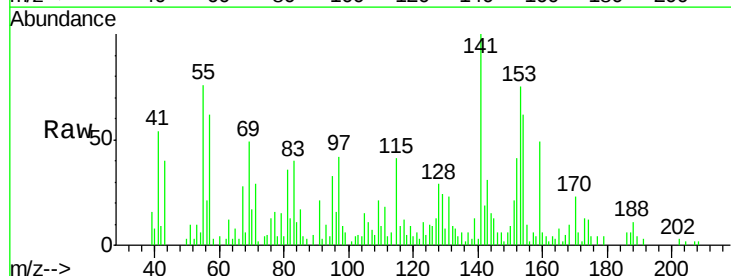
Instrument :  
 BNA\_F  
 ClientSampleId :

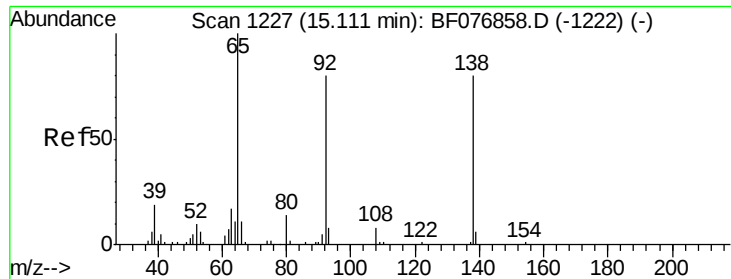
Tot Ion:165 Resp: 2877  
 Ion Ratio Lower Upper  
 165 100  
 63 257.4 48.1 72.1#  
 89 120.4 47.2 70.8#



#51  
 Acenaphthene  
 Concen: 6.41 ng  
 RT: 14.84 min Scan# 1203  
 Delta R.T. -0.00 min  
 Lab File: BF077114.D  
 Acq: 28 Jan 2015 22:06

Tgt Ion:154 Resp: 20396  
 Ion Ratio Lower Upper  
 154 100  
 153 120.0 87.0 130.6  
 152 66.3 43.5 65.3#





#52

3-Nitroaniline

Concen: 2.49 ng

RT: 14.86 min Scan# 1205

Delta R.T. 0.06 min

Lab File: BF077114.D

Acq: 28 Jan 2015 22:06

Instrument :

BNA\_F

ClientSampled :

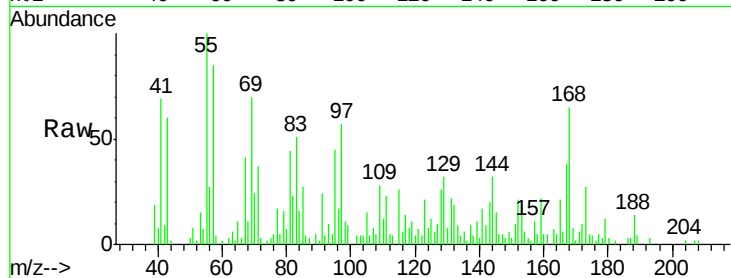
Tot Ion:138 Resp: 700

Ion Ratio Lower Upper

138 100

108 103.1 8.3 12.5#

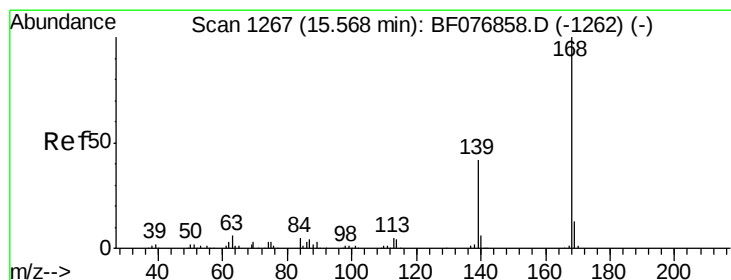
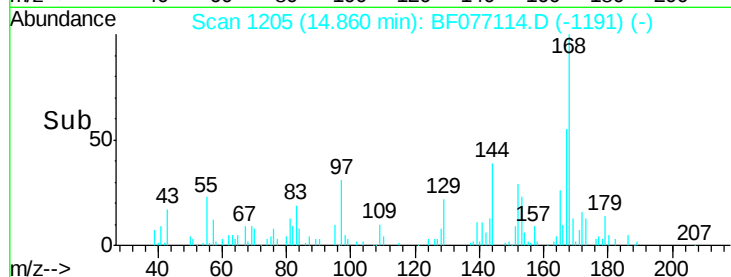
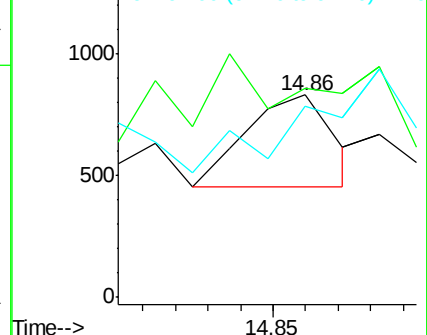
92 94.2 80.9 121.3



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): BF0



#54

Dibenzofuran

Concen: 2.66 ng

RT: 15.26 min Scan# 1240

Delta R.T. -0.00 min

Lab File: BF077114.D

Acq: 28 Jan 2015 22:06

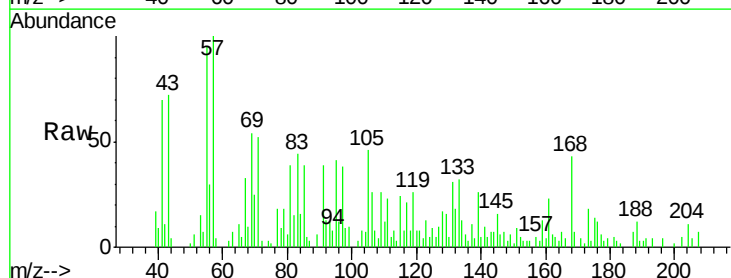
Tgt Ion:168 Resp: 12355

Ion Ratio Lower Upper

168 100

139 60.3 33.4 50.2#

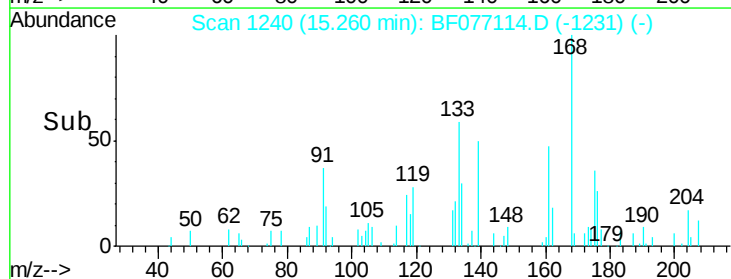
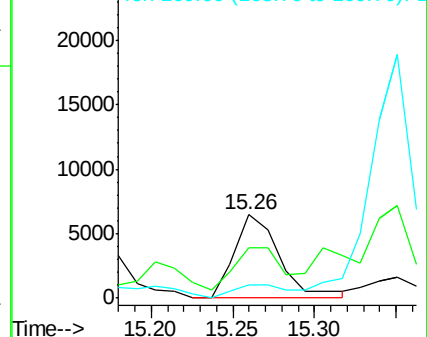
169 16.0 10.6 15.8#

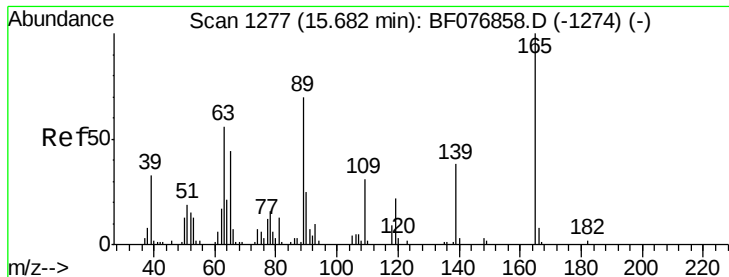


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 17.61 ng

RT: 15.43 min Scan# 1255

Delta R.T. 0.01 min

Lab File: BF077114.D

Acq: 28 Jan 2015 22:06

Instrument :

BNA\_F

ClientSampleId :

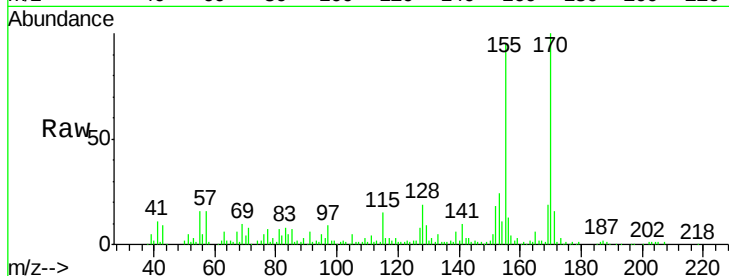
Tot Ion:139 Resp: 10676

Ion Ratio Lower Upper

139 100

109 51.4 61.0 101.0#

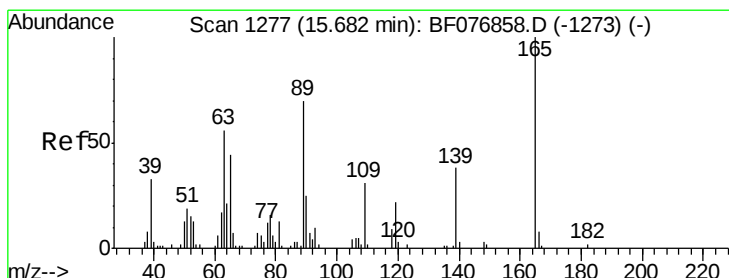
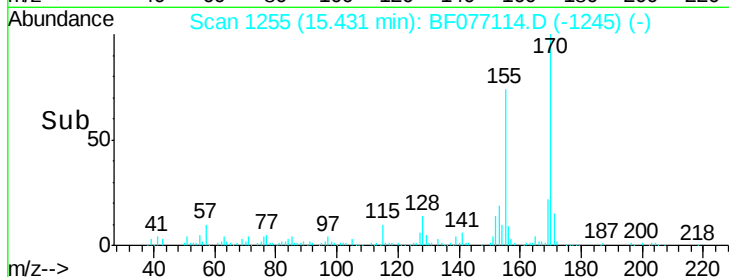
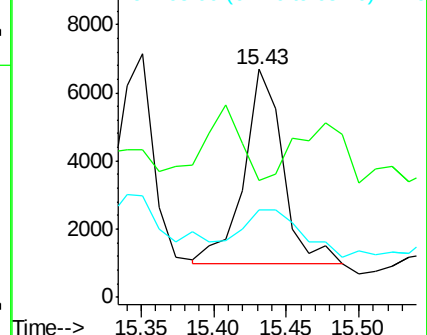
65 38.6 96.6 136.6#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 9.46 ng

RT: 15.43 min Scan# 1255

Delta R.T. 0.03 min

Lab File: BF077114.D

Acq: 28 Jan 2015 22:06

Tgt Ion:165 Resp: 8903

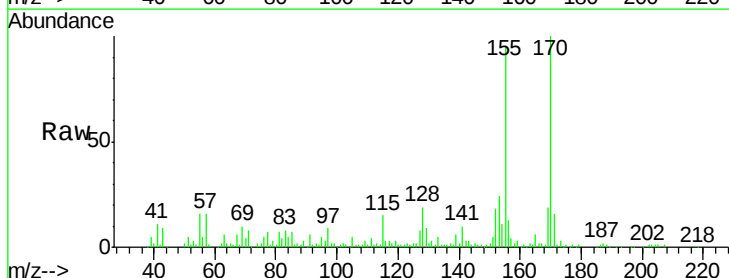
Ion Ratio Lower Upper

165 100

63 105.7 44.8 67.2#

89 46.2 56.2 84.2#

182 0.0 1.5 2.3#

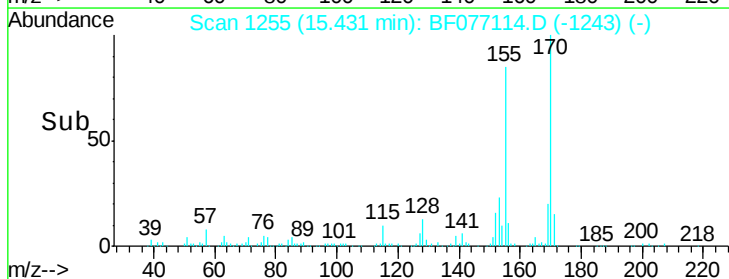
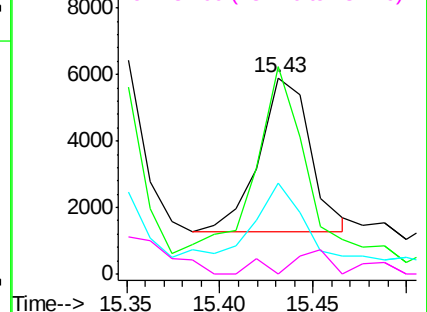


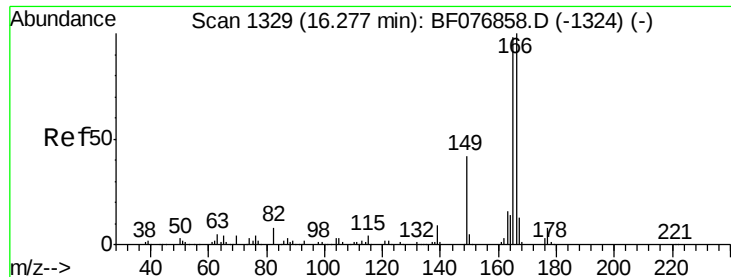
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

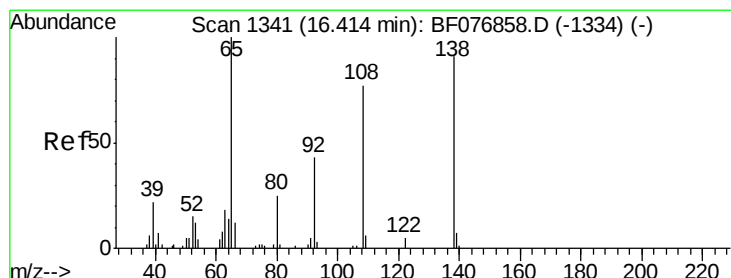
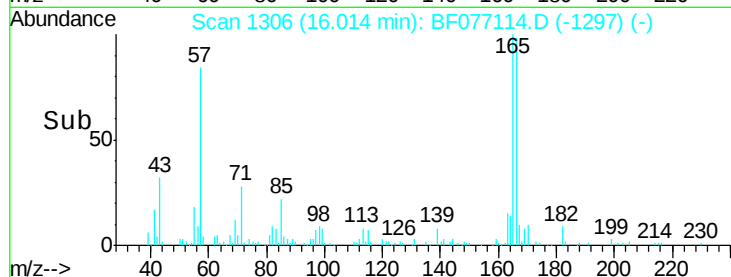
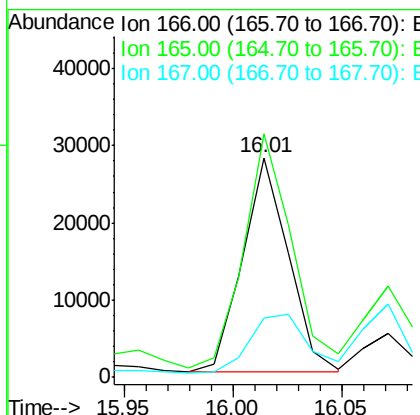
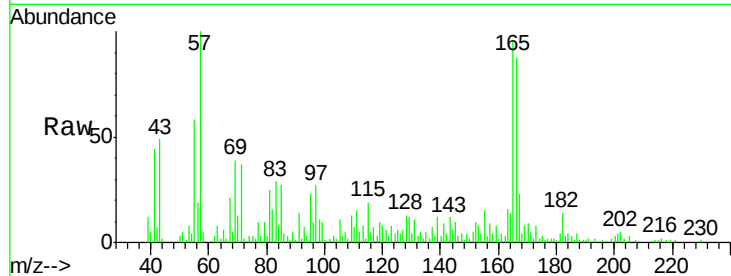




#57  
Fluorene  
Concen: 10.33 ng  
RT: 16.01 min Scan# 1306  
Delta R.T. -0.00 min  
Lab File: BF077114.D  
Acq: 28 Jan 2015 22:06

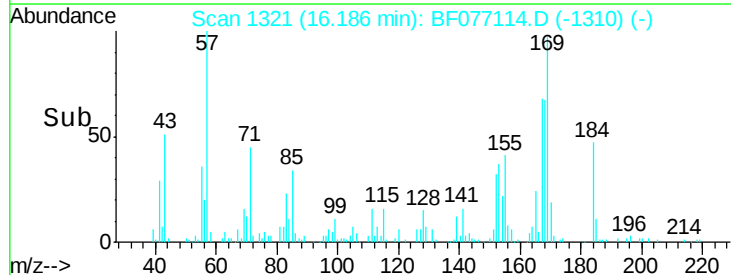
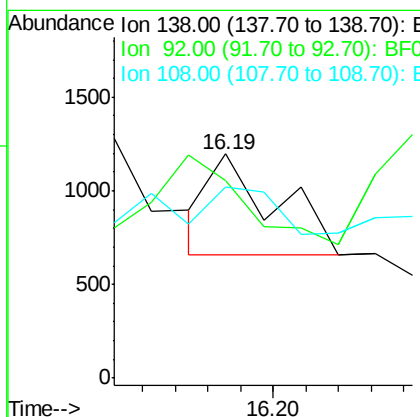
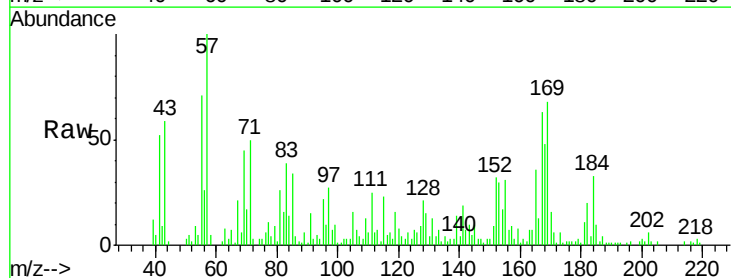
Instrument :  
BNA\_F  
ClientSampleId :

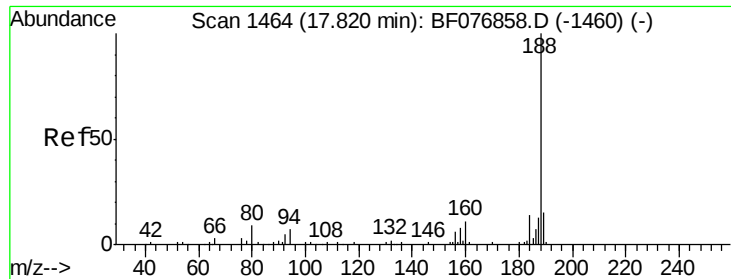
Tot Ion:166 Resp: 40586  
Ion Ratio Lower Upper  
166 100  
165 110.7 78.5 117.7  
167 26.9 10.4 15.6#



#61  
4-Nitroaniline  
Concen: 2.17 ng  
RT: 16.19 min Scan# 1321  
Delta R.T. 0.02 min  
Lab File: BF077114.D  
Acq: 28 Jan 2015 22:06

Tgt Ion:138 Resp: 745  
Ion Ratio Lower Upper  
138 100  
92 88.2 26.7 66.7#  
108 85.4 64.5 104.5

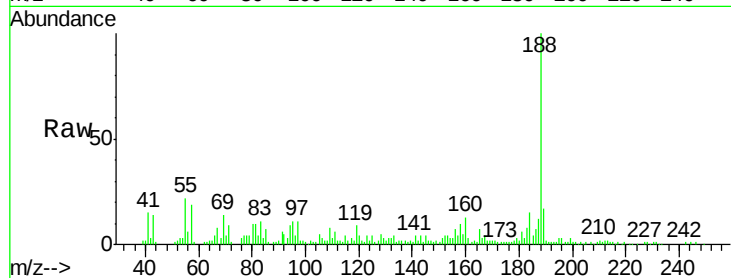




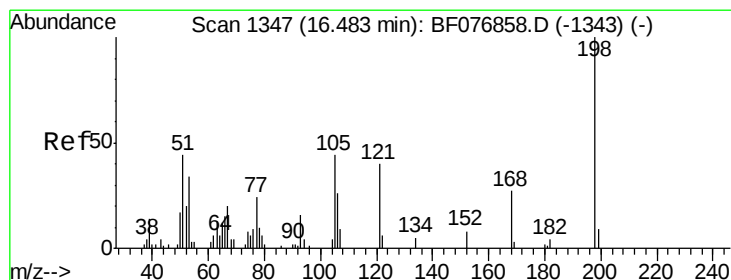
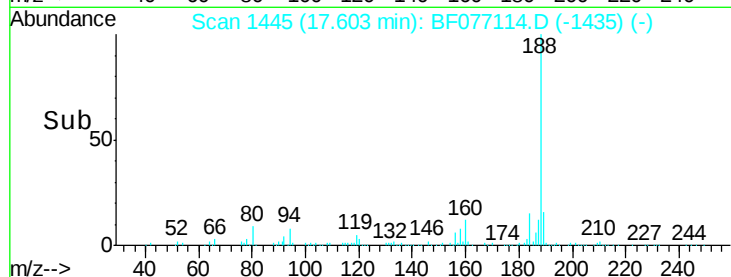
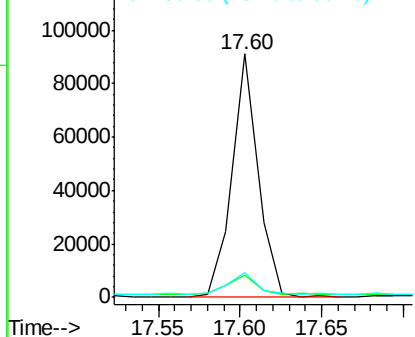
#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 17.60 min Scan# 1445  
Delta R.T. 0.01 min  
Lab File: BF077114.D  
Acq: 28 Jan 2015 22:06

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:188 Resp: 101024  
Ion Ratio Lower Upper  
188 100  
94 9.1 6.0 9.0#  
80 10.3 6.9 10.3#

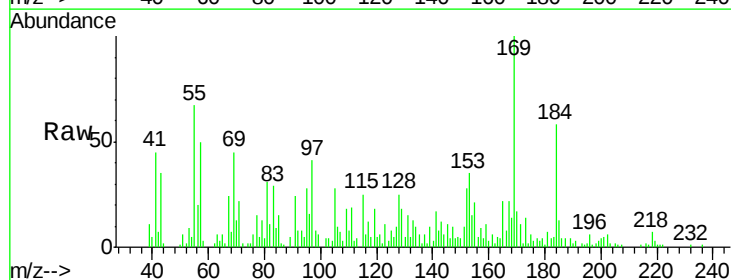


Abundance Ion 188.00 (187.70 to 188.70): E  
Ion 94.00 (93.70 to 94.70): BF0  
Ion 80.00 (79.70 to 80.70): BF0

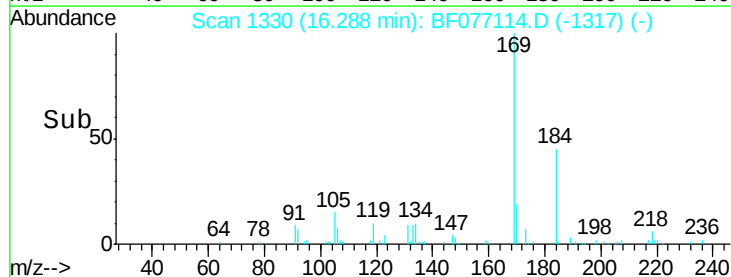
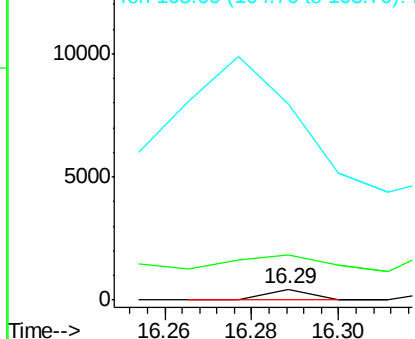


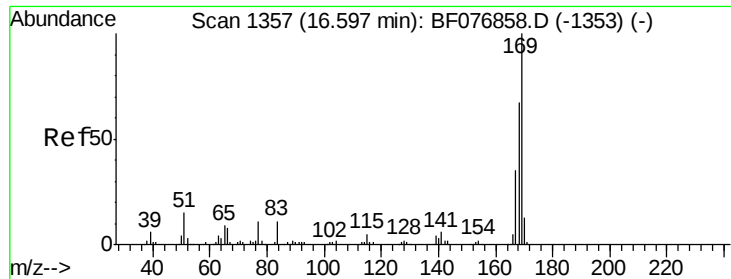
#64  
4,6-Dinitro-2-methylphenol  
Concen: 3.74 ng  
RT: 16.29 min Scan# 1330  
Delta R.T. 0.05 min  
Lab File: BF077114.D  
Acq: 28 Jan 2015 22:06

Tgt Ion:198 Resp: 306  
Ion Ratio Lower Upper  
198 100  
51 414.1 24.2 64.2#  
105 1783.9 24.0 64.0#



Abundance Ion 198.00 (197.70 to 198.70): E  
Ion 51.00 (50.70 to 51.70): BF0  
Ion 105.00 (104.70 to 105.70): E

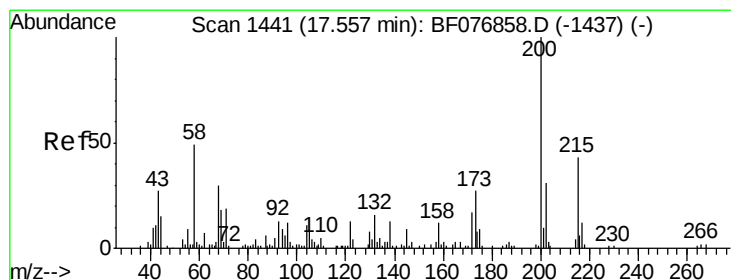
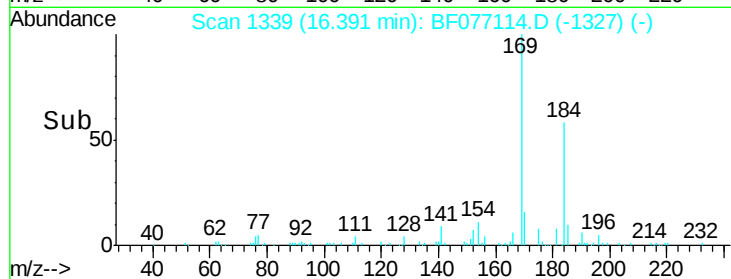
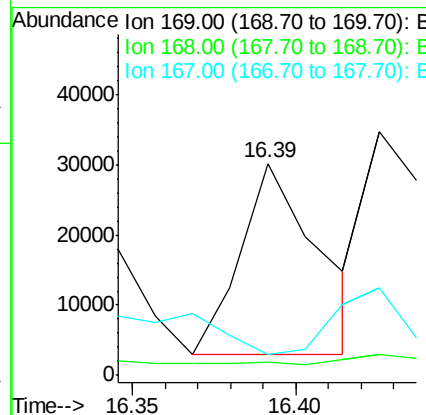
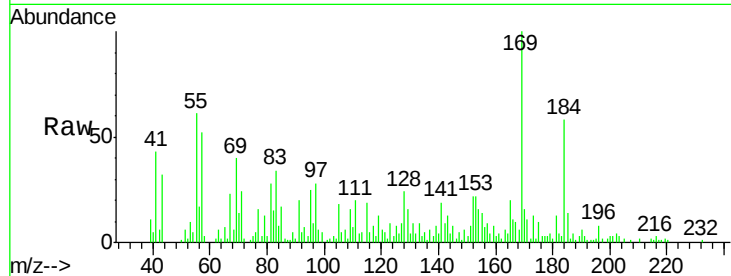




#65  
n-Nitrosodiphenylamine  
Concen: 12.42 ng  
RT: 16.39 min Scan# 1339  
Delta R.T. 0.03 min  
Lab File: BF077114.D  
Acq: 28 Jan 2015 22:06

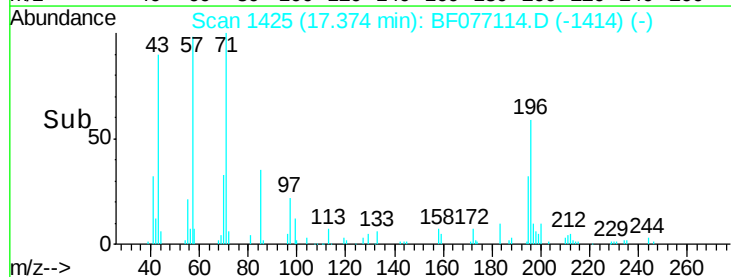
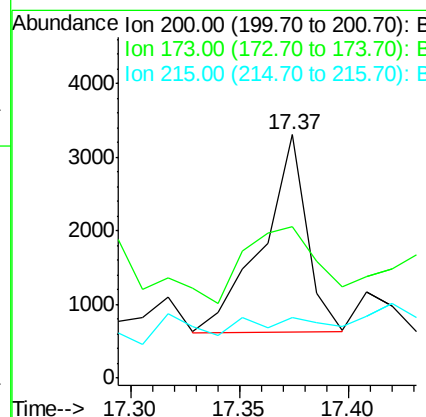
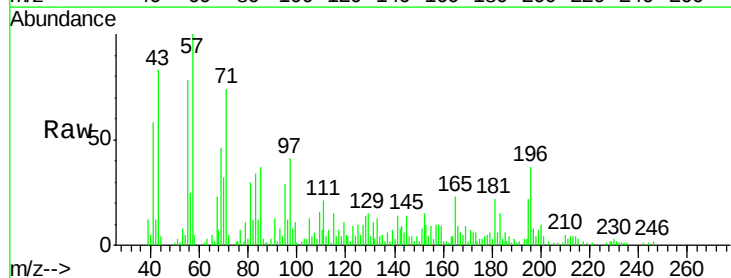
Instrument :  
BNA\_F  
ClientSampled :

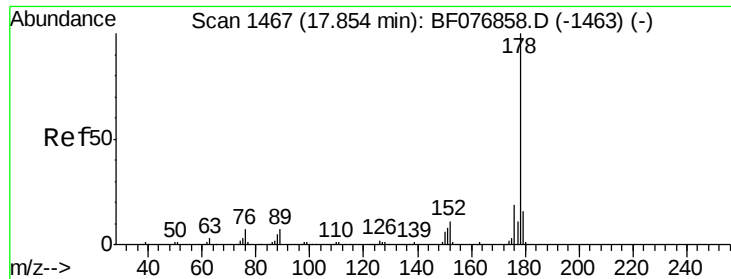
Tot Ion:169 Resp: 44738  
Ion Ratio Lower Upper  
169 100  
168 6.1 53.8 80.6#  
167 10.1 27.8 41.6#



#68  
Atrazine  
Concen: 3.51 ng  
RT: 17.37 min Scan# 1425  
Delta R.T. 0.02 min  
Lab File: BF077114.D  
Acq: 28 Jan 2015 22:06

Tgt Ion:200 Resp: 3840  
Ion Ratio Lower Upper  
200 100  
173 62.2 6.6 46.6#  
215 25.1 22.9 62.9





#70

Phenanthrene

Concen: 17.73 ng

RT: 17.64 min Scan# 1448

Delta R.T. -0.00 min

Lab File: BF077114.D

Acq: 28 Jan 2015 22:06

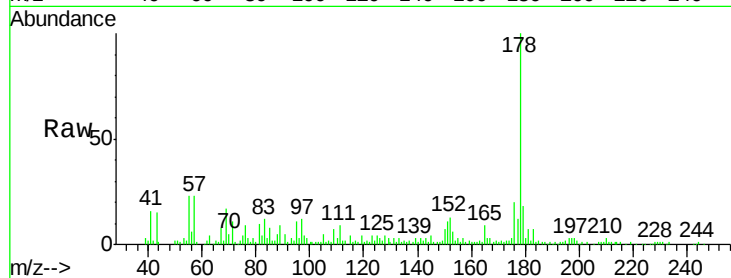
Instrument :

BNA\_F

ClientSampleId :

Tot Ion:178 Resp: 111729

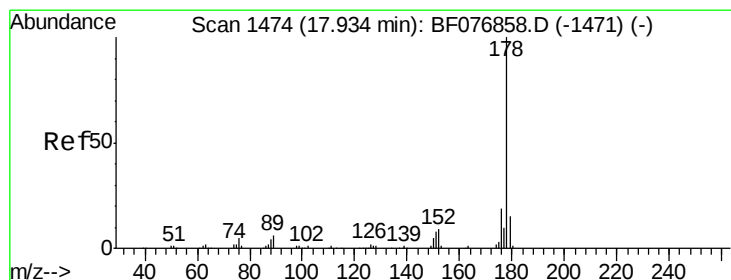
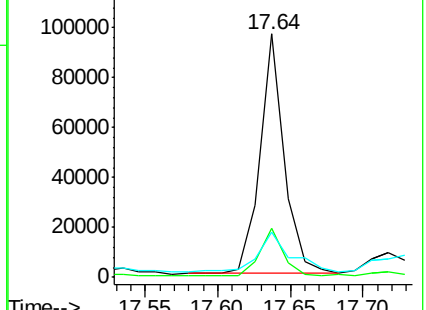
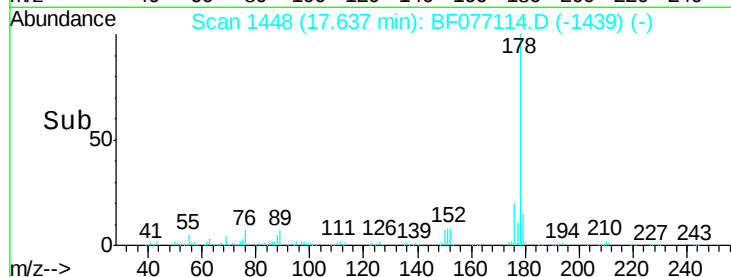
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 178 | 100   |       |       |
| 176 | 20.1  | 15.1  | 22.7  |
| 179 | 18.4  | 12.7  | 19.1  |



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 3.30 ng

RT: 17.72 min Scan# 1455

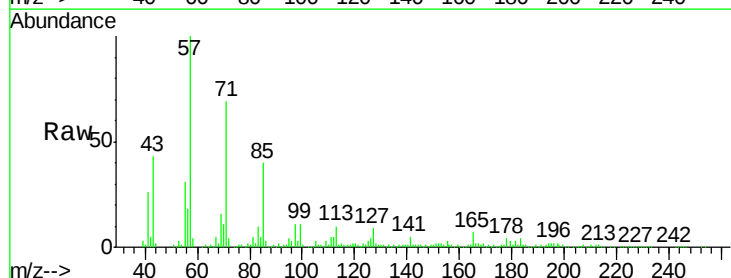
Delta R.T. -0.00 min

Lab File: BF077114.D

Acq: 28 Jan 2015 22:06

Tgt Ion:178 Resp: 20299

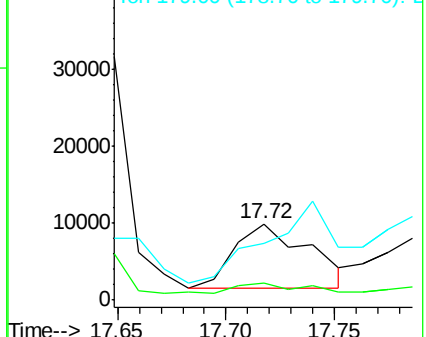
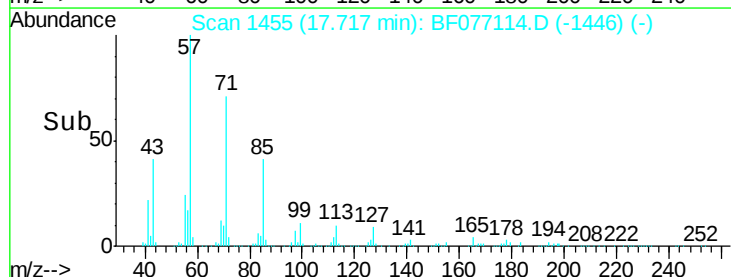
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 178 | 100   |       |       |
| 176 | 22.4  | 15.4  | 23.0  |
| 179 | 74.6  | 11.9  | 17.9# |

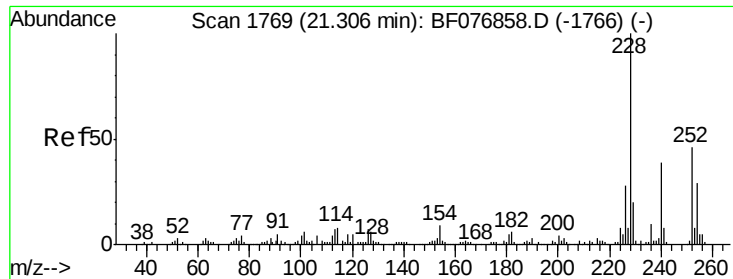


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

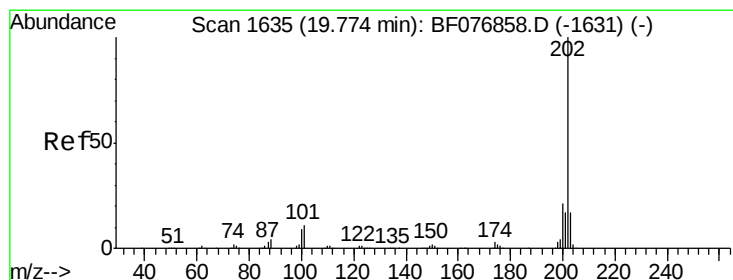
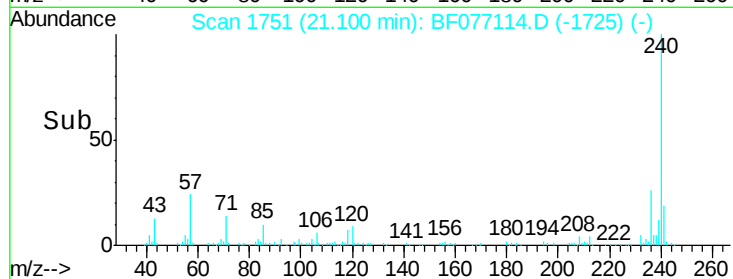
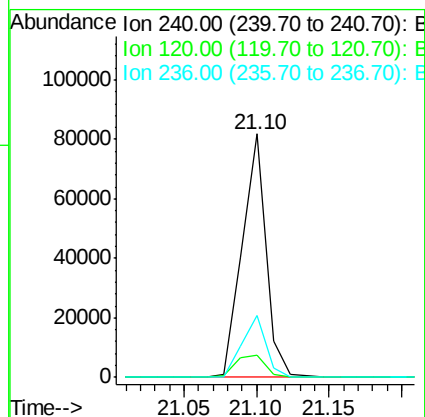
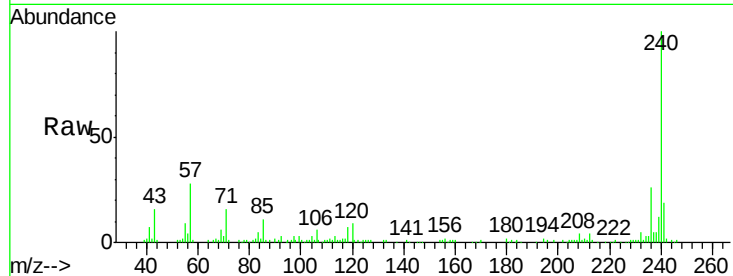




#75  
Chrysene-d12  
Concen: 20.00 ng  
RT: 21.10 min Scan# 1751  
Delta R.T. -0.00 min  
Lab File: BF077114.D  
Acq: 28 Jan 2015 22:06

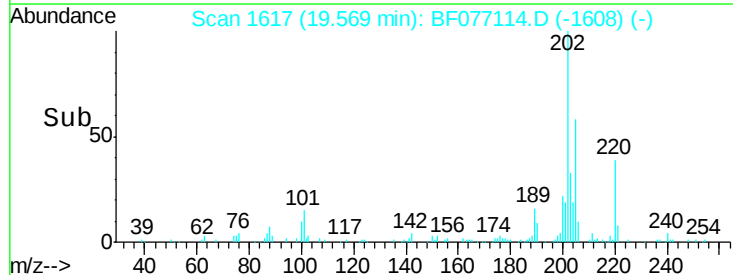
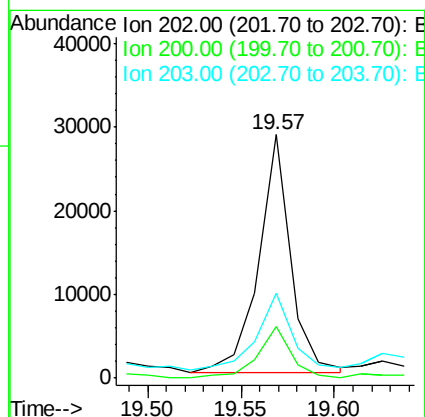
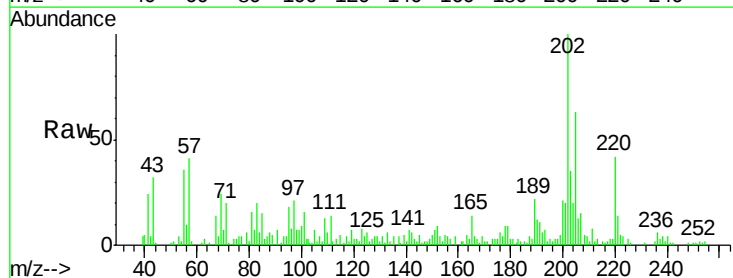
Instrument :  
BNA\_F  
ClientSampled :

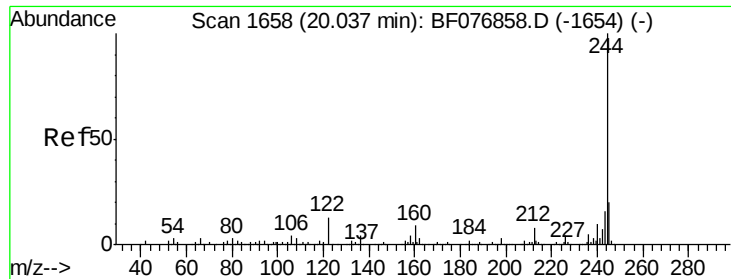
Tot Ion:240 Resp: 93515  
Ion Ratio Lower Upper  
240 100  
120 9.3 10.4 15.6#  
236 25.7 20.2 30.2



#77  
Pyrene  
Concen: 5.29 ng  
RT: 19.57 min Scan# 1617  
Delta R.T. -0.00 min  
Lab File: BF077114.D  
Acq: 28 Jan 2015 22:06

Tgt Ion:202 Resp: 33909  
Ion Ratio Lower Upper  
202 100  
200 21.3 16.7 25.1  
203 35.1 14.0 21.0#

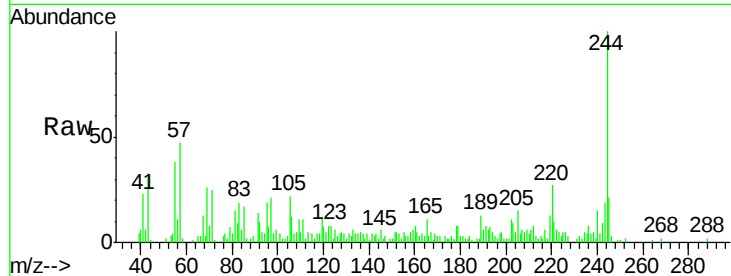




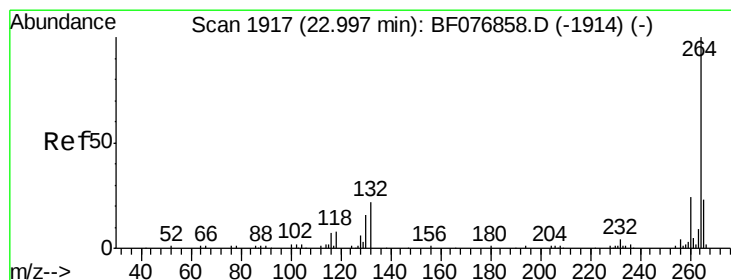
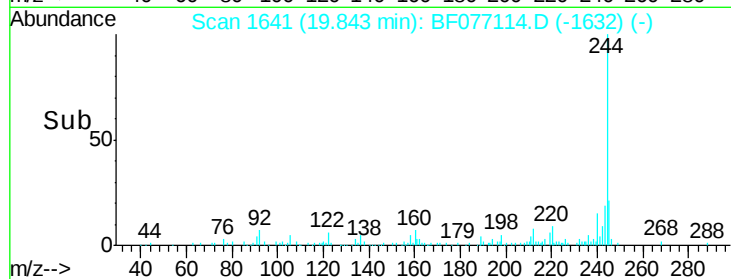
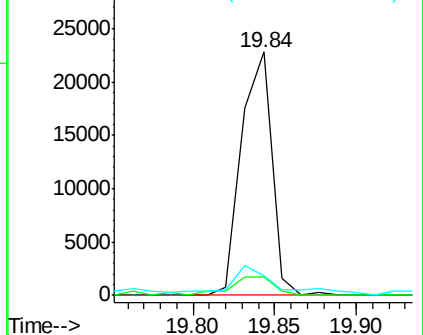
#78  
 Terphenyl-d14  
 Concen: 7.28 ng  
 RT: 19.84 min Scan# 1641  
 Delta R.T. -0.00 min  
 Lab File: BF077114.D  
 Acq: 28 Jan 2015 22:06

Instrument :  
 BNA\_F  
 ClientSampleId :

Tot Ion:244 Resp: 29568  
 Ion Ratio Lower Upper  
 244 100  
 212 7.8 6.3 9.5  
 122 7.9 10.1 15.1#

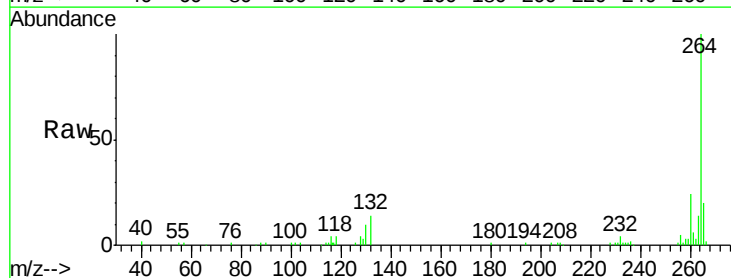


Abundance Ion 244.00 (243.70 to 244.70): E  
 Ion 212.00 (211.70 to 212.70): E  
 Ion 122.00 (121.70 to 122.70): E



#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 22.73 min Scan# 1894  
 Delta R.T. -0.01 min  
 Lab File: BF077114.D  
 Acq: 28 Jan 2015 22:06

Tgt Ion:264 Resp: 91126  
 Ion Ratio Lower Upper  
 264 100  
 260 24.5 19.0 28.4  
 265 20.4 18.1 27.1



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

