

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF050815\  
 Data File : BF079098.D  
 Acq On : 9 May 2015 23:45  
 Operator : TP/IZ  
 Sample : G2038-04  
 Misc :  
 ALS Vial : 57 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 DBMW-02

Quant Time: May 11 02:10:08 2015  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF043015.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon May 11 01:50:36 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.32  | 152  | 85801    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.90  | 136  | 345175   | 20.00 | ng    | 0.01     |
| 38) Acenaphthene-d10      | 11.07 | 164  | 166816   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 12.93 | 188  | 298496   | 20.00 | ng    | 0.01     |
| 75) Chrysene-d12          | 16.22 | 240  | 297464   | 20.00 | ng    | 0.01     |
| 86) Perylene-d12          | 17.97 | 264  | 301092   | 20.00 | ng    | 0.05     |

|                             |       |     |         |        |    |      |
|-----------------------------|-------|-----|---------|--------|----|------|
| System Monitoring Compounds |       |     |         |        |    |      |
| 5) 2-Fluorophenol           | 5.62  | 112 | 354587  | 71.14  | ng | 0.00 |
| 7) Phenol-d6                | 6.88  | 99  | 305491  | 46.37  | ng | 0.00 |
| 23) Nitrobenzene-d5         | 8.01  | 82  | 516026  | 85.92  | ng | 0.00 |
| 41) 2,4,6-Tribromophenol    | 12.06 | 330 | 253311  | 140.37 | ng | 0.00 |
| 44) 2-Fluorobiphenyl        | 10.24 | 172 | 1039411 | 86.81  | ng | 0.00 |
| 78) Terphenyl-d14           | 14.91 | 244 | 952395  | 76.65  | ng | 0.00 |

|                                |       |     |         |        |    |        |
|--------------------------------|-------|-----|---------|--------|----|--------|
| Target Compounds               |       |     |         |        |    | Qvalue |
| 2) 1,4-Dioxane                 | 2.30  | 88  | 10813   | 4.99   | ng | # 39   |
| 3) Pyridine                    | 3.06  | 79  | 84973   | 13.40  | ng | 96     |
| 6) Aniline                     | 6.91  | 93  | 80279   | 8.63   | ng | 97     |
| 9) Benzaldehyde                | 6.78  | 77  | 40474   | 9.12   | ng | # 1    |
| 10) Phenol                     | 6.90  | 94  | 226417  | 29.62  | ng | 98     |
| 11) bis(2-Chloroethyl)ether    | 7.00  | 93  | 16917   | 3.02   | ng | 94     |
| 15) Benzyl Alcohol             | 7.51  | 79  | 62496   | 12.78  | ng | 95     |
| 17) 2-Methylphenol             | 7.64  | 107 | 102705  | 22.58  | ng | # 96   |
| 18) Hexachloroethane           | 7.88  | 117 | 10927   | 4.85   | ng | # 13   |
| 19) n-Nitroso-di-n-propylamine | 7.83  | 70  | 10487   | 2.36   | ng | 88     |
| 20) 3+4-Methylphenols          | 7.84  | 107 | 26526   | 4.38   | ng | # 52   |
| 22) Acetophenone               | 7.83  | 105 | 56971   | 7.31   | ng | 95     |
| 25) Isophorone                 | 8.33  | 82  | 25730   | 2.31   | ng | # 97   |
| 27) 2,4-Dimethylphenol         | 8.50  | 122 | 68609   | 13.91  | ng | 93     |
| 28) bis(2-Chloroethoxy)methane | 8.63  | 93  | 19779   | 2.88   | ng | # 93   |
| 31) Naphthalene                | 8.96  | 128 | 8859448 | 538.66 | ng | # 92   |
| 32) Benzoic acid               | 8.58  | 122 | 2104    | 6.90   | ng | # 1    |
| 33) 4-Chloroaniline            | 8.99  | 127 | 43675   | 6.28   | ng | # 83   |
| 37) 2-Methylnaphthalene        | 9.78  | 142 | 1220771 | 107.11 | ng | 99     |
| 45) 1,1'-Biphenyl              | 10.36 | 154 | 244000  | 18.40  | ng | 97     |
| 47) 2-Nitroaniline             | 10.51 | 65  | 19234   | 6.42   | ng | 89     |
| 48) Acenaphthylene             | 10.90 | 152 | 952817  | 56.10  | ng | 99     |
| 49) Dimethylphthalate          | 10.75 | 163 | 38063   | 3.11   | ng | # 78   |
| 50) 2,6-Dinitrotoluene         | 10.82 | 165 | 7568    | 3.13   | ng | # 66   |
| 51) Acenaphthene               | 11.12 | 154 | 367063  | 36.24  | ng | 99     |
| 52) 3-Nitroaniline             | 11.03 | 138 | 11686   | 3.87   | ng | 93     |
| 54) Dibenzofuran               | 11.32 | 168 | 54326   | 3.71   | ng | 94     |
| 57) Fluorene                   | 11.76 | 166 | 235940  | 19.65  | ng | 96     |
| 61) 4-Nitroaniline             | 11.78 | 138 | 11840   | 3.92   | ng | 89     |
| 68) Atrazine                   | 12.61 | 200 | 6559    | 2.27   | ng | 95     |
| 69) Pentachlorophenol          | 12.69 | 266 | 240     | 6.95   | ng | # 18   |
| 70) Phenanthrene               | 12.95 | 178 | 383591  | 22.97  | ng | 99     |
| 71) Anthracene                 | 13.02 | 178 | 100179  | 6.12   | ng | 98     |
| 72) Carbazole                  | 13.22 | 167 | 178387  | 11.42  | ng | 98     |

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QLast Update : Mon May 11 01:50:36 2015  
Response via : Initial Calibration

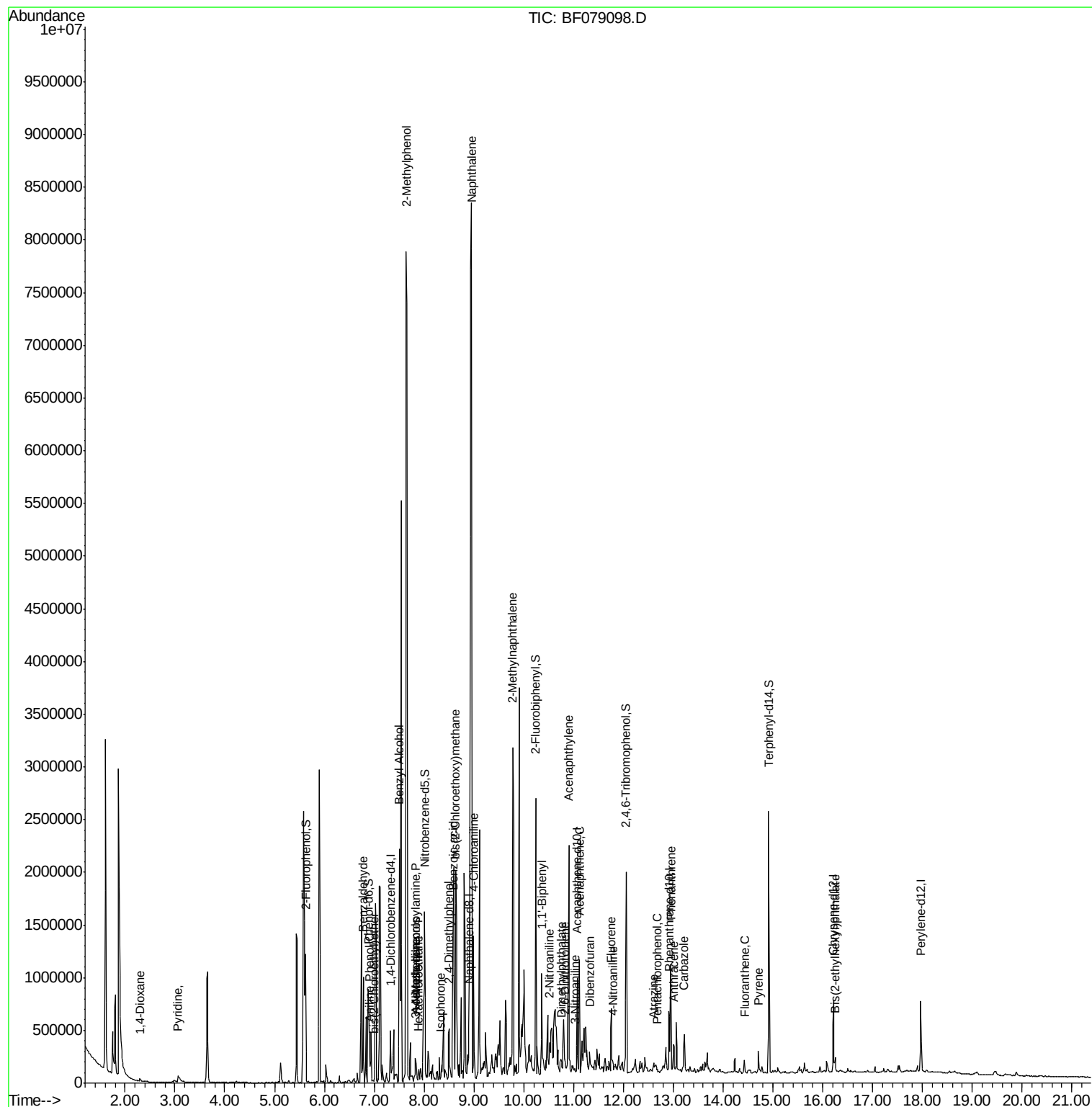
| Internal Standards             | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|--------------------------------|-------|------|----------|------|-------|----------|
| 74) Fluoranthene               | 14.43 | 202  | 75295    | 4.33 | ng    | 94       |
| 77) Pyrene                     | 14.71 | 202  | 92074    | 5.37 | ng    | 98       |
| 83) Bis(2-ethylhexyl)phthalate | 16.25 | 149  | 22830    | 2.01 | ng #  | 97       |

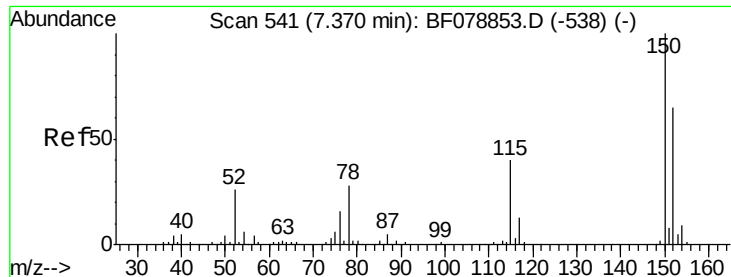
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.32 min Scan# 537

Delta R.T. -0.00 min

Lab File: BF079098.D

Acq: 9 May 2015 23:45

Instrument :

BNA\_F

ClientSampleId :

DBMW-02

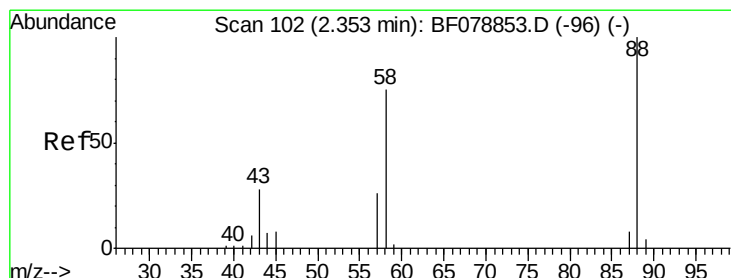
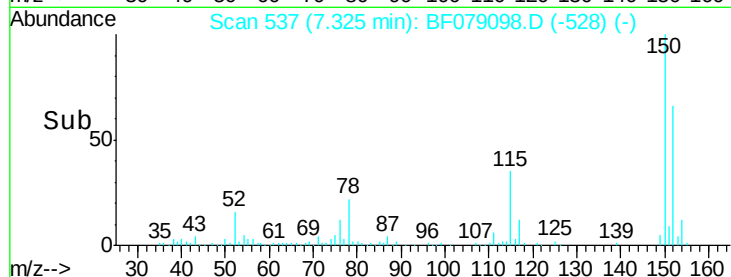
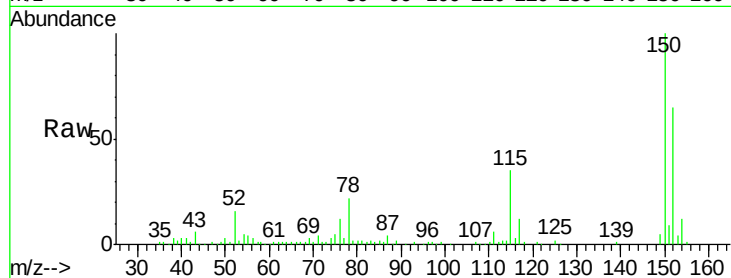
Tgt Ion:152 Resp: 85801

Ion Ratio Lower Upper

152 100

150 152.9 122.0 183.0

115 53.2 46.3 69.5



#2

1,4-Dioxane

Concen: 4.99 ng

RT: 2.30 min Scan# 97

Delta R.T. 0.02 min

Lab File: BF079098.D

Acq: 9 May 2015 23:45

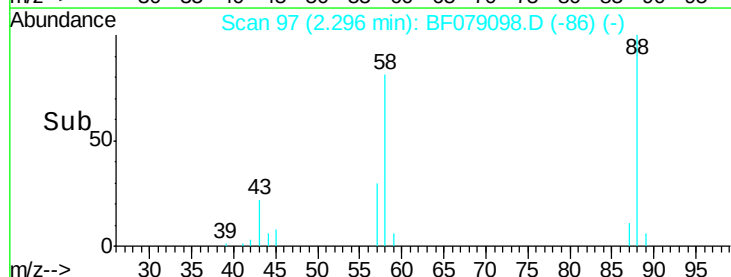
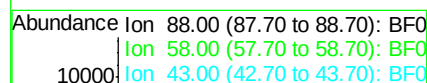
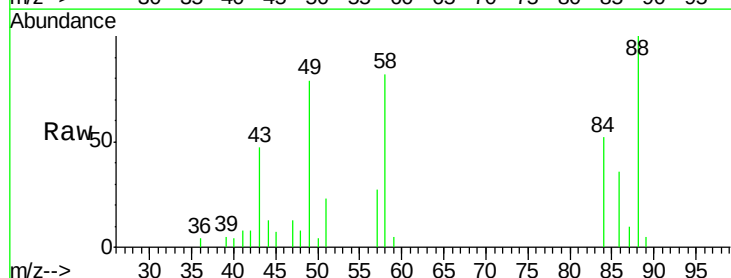
Tgt Ion: 88 Resp: 10813

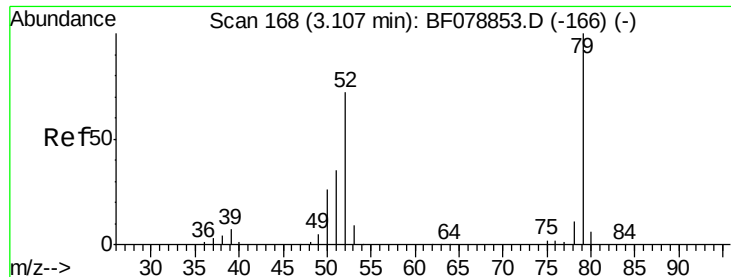
Ion Ratio Lower Upper

88 100

58 82.7 0.0 0.0#

43 24.2 3.3 4.9#





#3

Pyridine

Concen: 13.40 ng

RT: 3.06 min Scan# 164

Delta R.T. 0.05 min

Lab File: BF079098.D

Acq: 9 May 2015 23:45

Instrument :

BNA\_F

ClientSampled :

DBMW-02

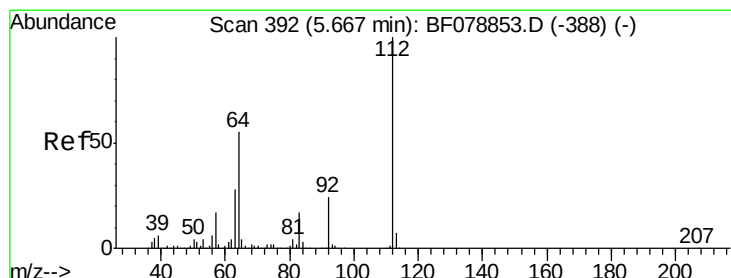
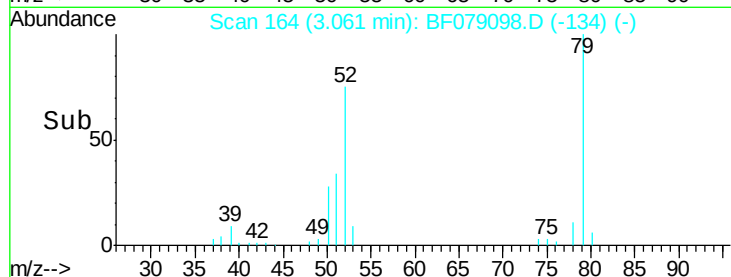
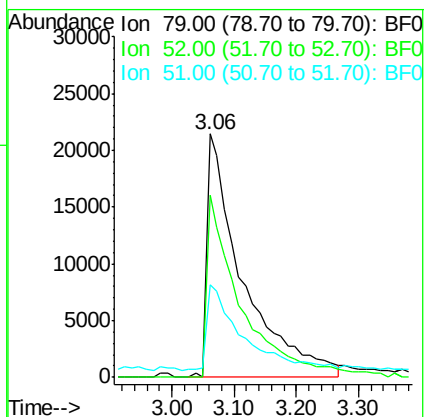
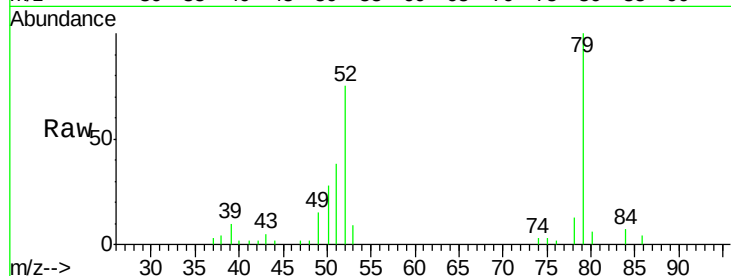
Tgt Ion: 79 Resp: 84973

Ion Ratio Lower Upper

79 100

52 75.0 57.2 85.8

51 38.2 28.9 43.3



#5

2-Fluorophenol

Concen: 71.14 ng

RT: 5.62 min Scan# 388

Delta R.T. -0.00 min

Lab File: BF079098.D

Acq: 9 May 2015 23:45

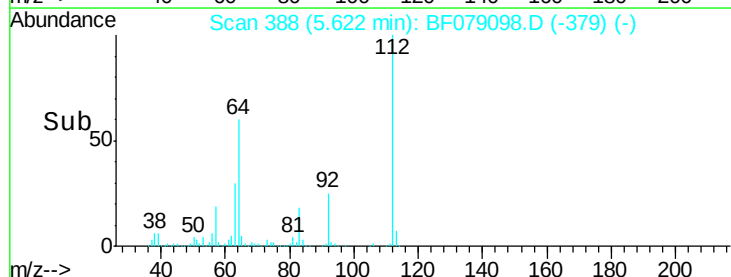
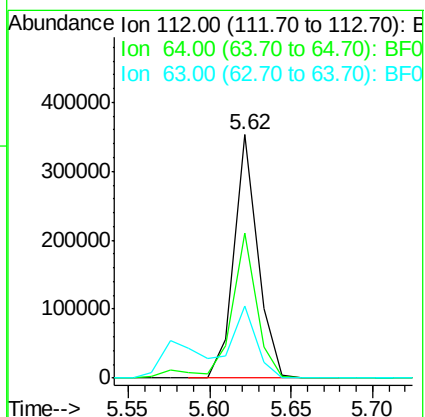
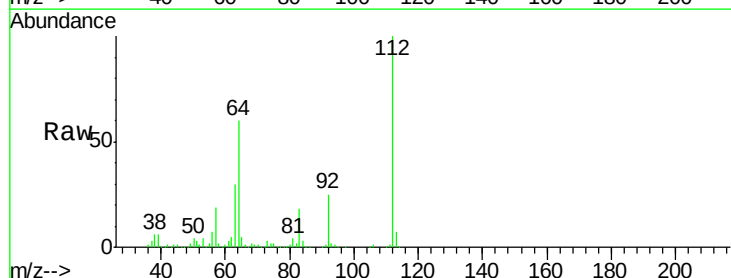
Tgt Ion: 112 Resp: 354587

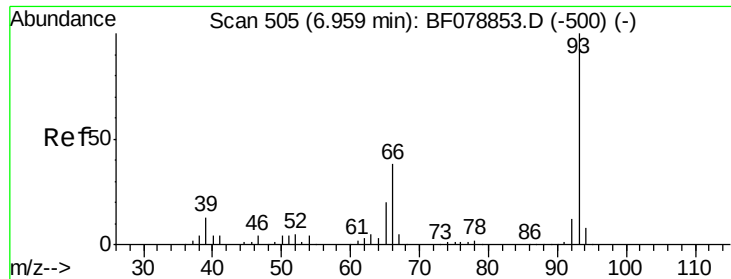
Ion Ratio Lower Upper

112 100

64 59.6 53.5 80.3

63 29.7 27.5 41.3





#6

Aniline

Concen: 8.63 ng

RT: 6.91 min Scan# 501

Delta R.T. 0.01 min

Lab File: BF079098.D

Acq: 9 May 2015 23:45

Instrument :

BNA\_F

ClientSampleId :

DBMW-02

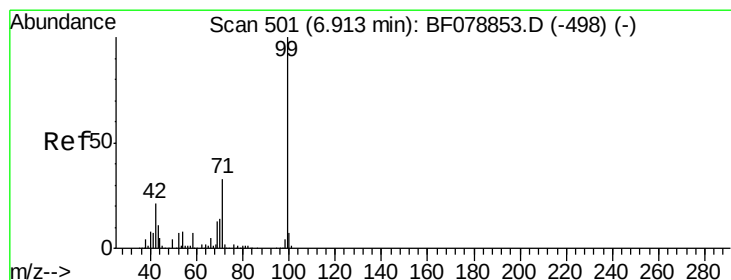
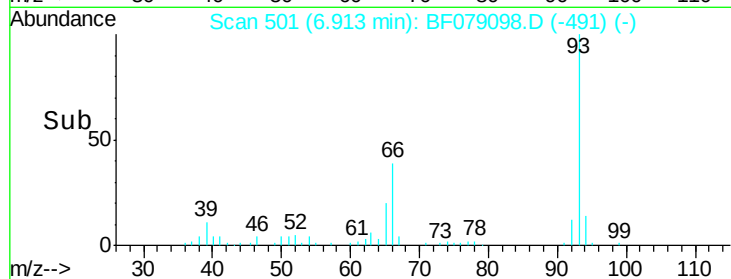
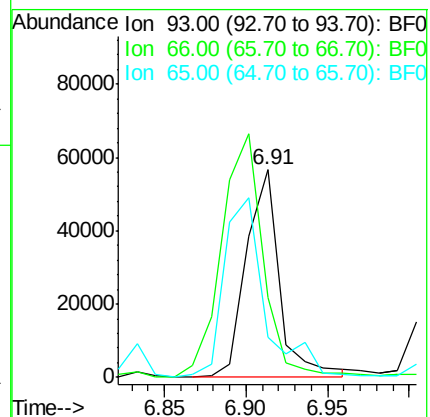
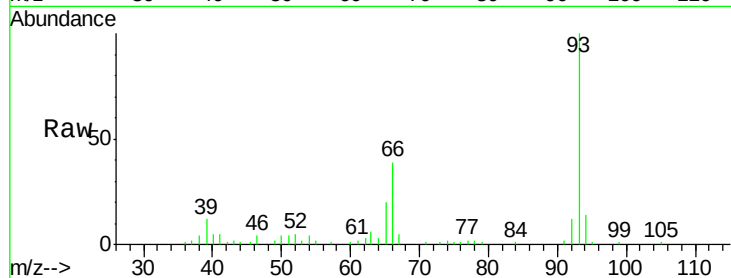
Tgt Ion: 93 Resp: 80279

Ion Ratio Lower Upper

93 100

66 38.5 29.7 44.5

65 19.6 14.6 22.0



#7

Phenol-d6

Concen: 46.37 ng

RT: 6.88 min Scan# 498

Delta R.T. -0.00 min

Lab File: BF079098.D

Acq: 9 May 2015 23:45

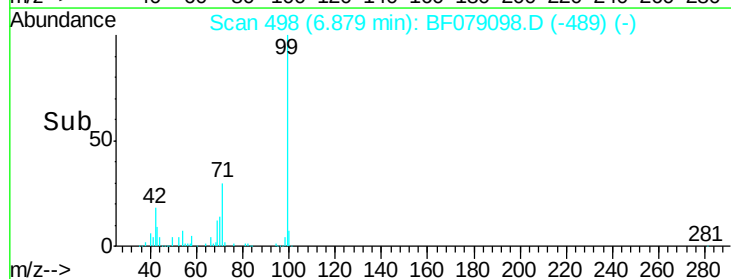
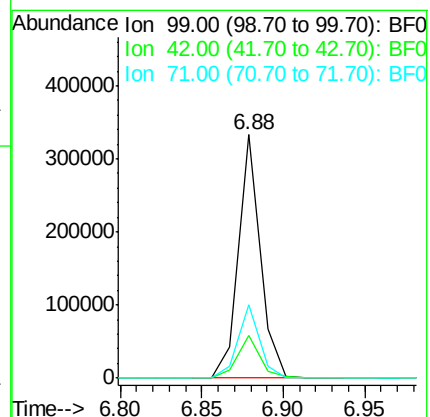
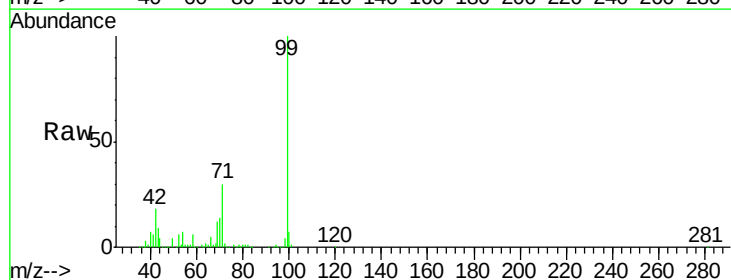
Tgt Ion: 99 Resp: 305491

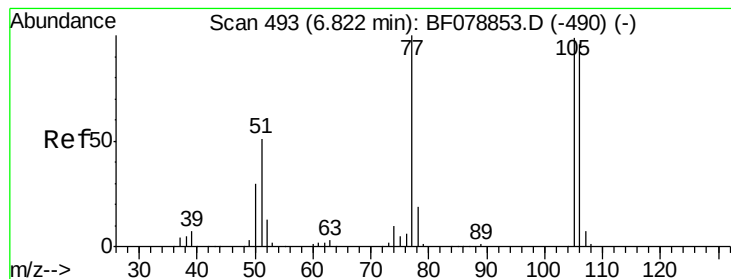
Ion Ratio Lower Upper

99 100

42 17.7 12.8 19.2

71 30.3 23.4 35.2





#9

Benzaldehyde

Concen: 9.12 ng

RT: 6.78 min Scan# 489

Delta R.T. 0.01 min

Lab File: BF079098.D

Acq: 9 May 2015 23:45

Instrument :

BNA\_F

ClientSampleId :

DBMW-02

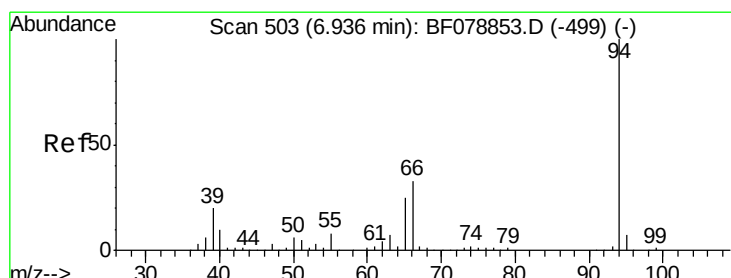
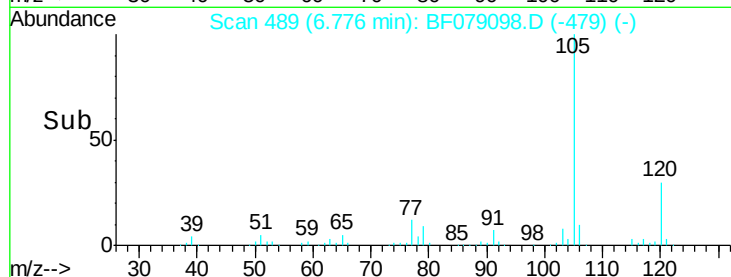
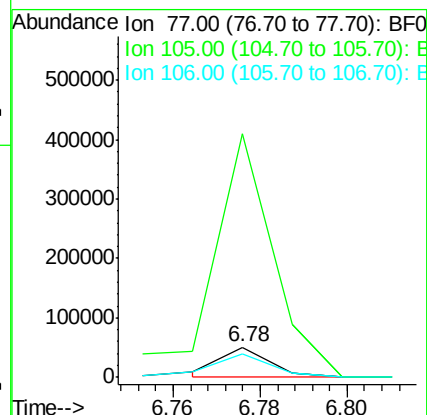
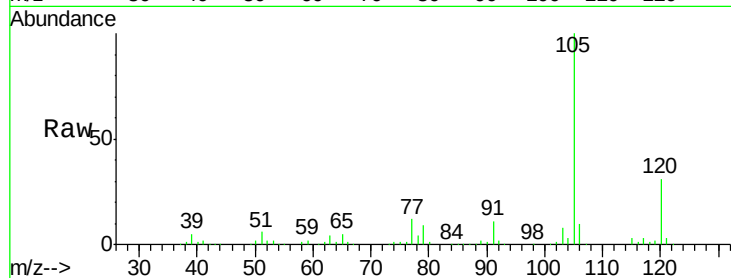
Tgt Ion: 77 Resp: 40474

Ion Ratio Lower Upper

77 100

105 806.6 81.7 121.7#

106 78.0 79.0 119.0#



#10

Phenol

Concen: 29.62 ng

RT: 6.90 min Scan# 500

Delta R.T. 0.01 min

Lab File: BF079098.D

Acq: 9 May 2015 23:45

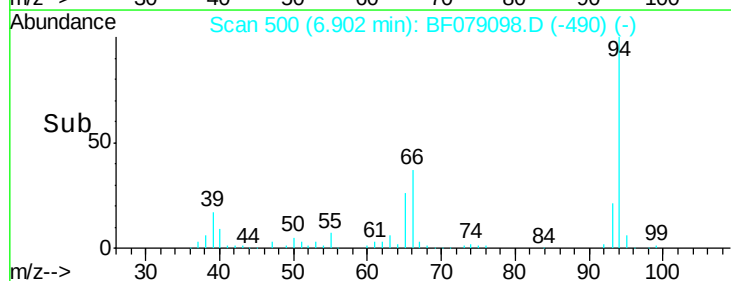
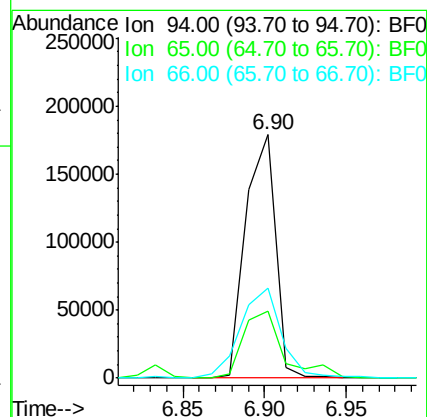
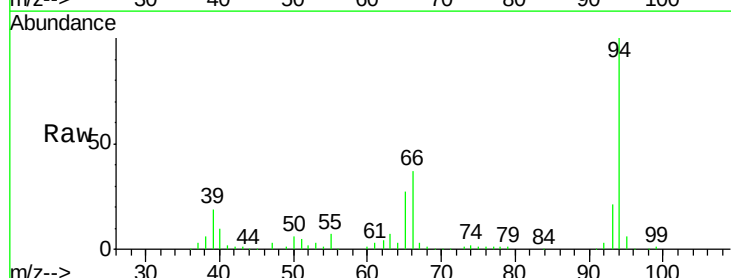
Tgt Ion: 94 Resp: 226417

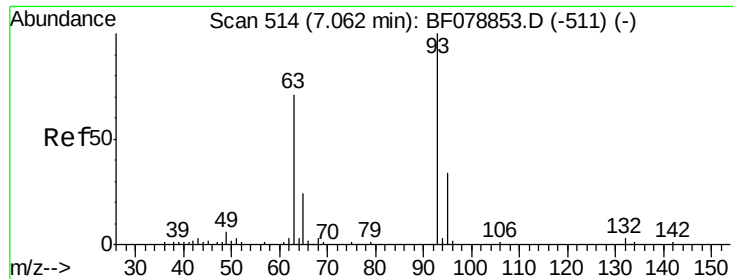
Ion Ratio Lower Upper

94 100

65 27.4 8.5 48.5

66 37.1 16.0 56.0

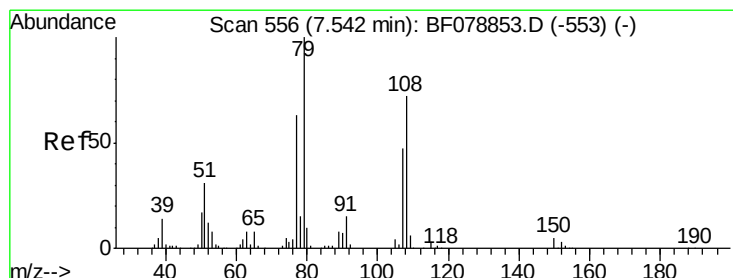
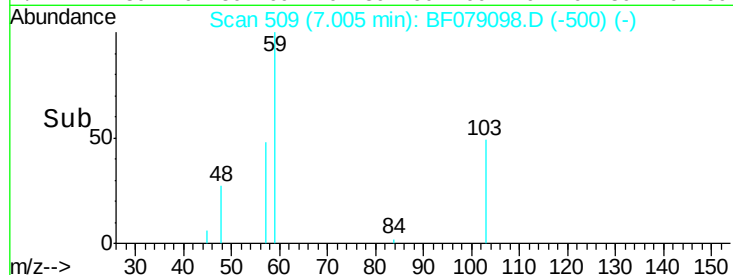
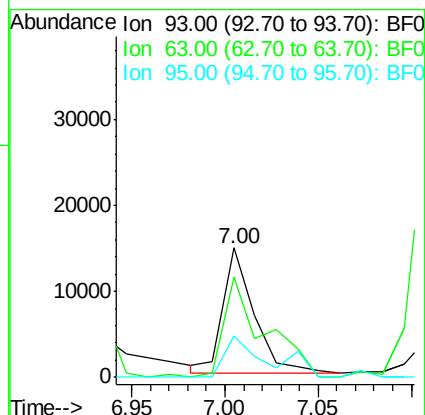
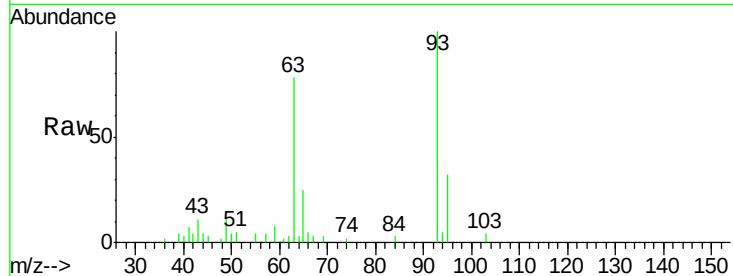




#11  
bis(2-Chloroethyl)ether  
Concen: 3.02 ng  
RT: 7.00 min Scan# 509  
Delta R.T. -0.00 min  
Lab File: BF079098.D  
Acq: 9 May 2015 23:45

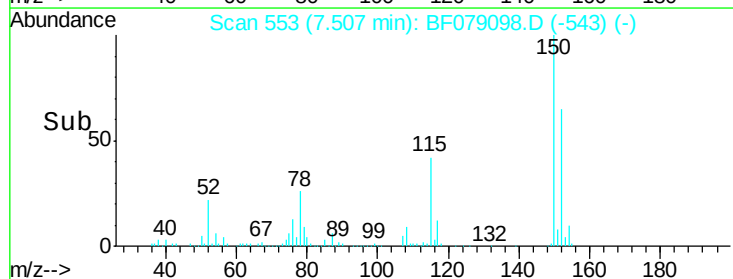
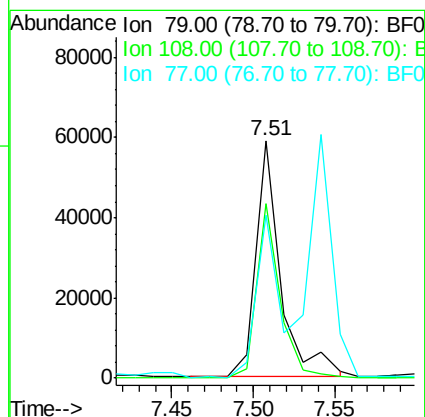
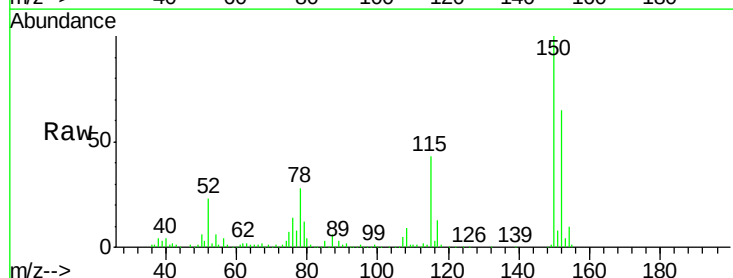
Instrument :  
BNA\_F  
ClientSampleId :  
DBMW-02

Tgt Ion: 93 Resp: 16917  
Ion Ratio Lower Upper  
93 100  
63 77.6 64.8 104.8  
95 32.2 12.4 52.4

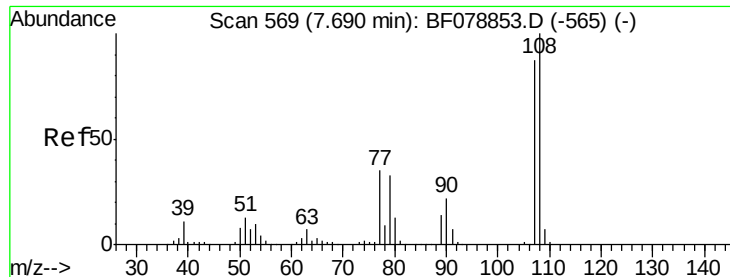


#15  
Benzyl Alcohol  
Concen: 12.78 ng  
RT: 7.51 min Scan# 553  
Delta R.T. 0.01 min  
Lab File: BF079098.D  
Acq: 9 May 2015 23:45

Tgt Ion: 79 Resp: 62496  
Ion Ratio Lower Upper  
79 100  
108 73.4 62.5 93.7  
77 68.8 52.2 78.4







#17

2-Methylphenol

Concen: 22.58 ng

RT: 7.64 min Scan# 565

Delta R.T. -0.00 min

Lab File: BF079098.D

Acq: 9 May 2015 23:45

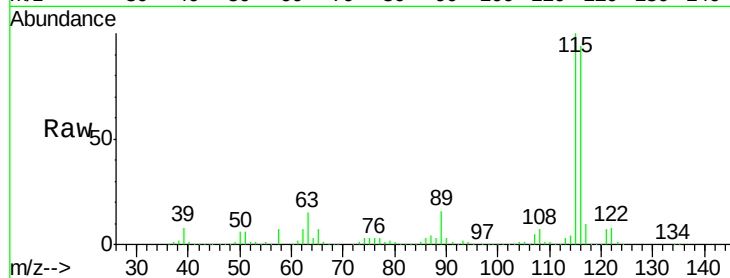
Instrument :

BNA\_F

ClientSampleId :

DBMW-02

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 102705 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 119.1 | 94.9  | 142.3  |
| 77       | 57.2  | 36.2  | 54.4#  |
| 79       | 44.3  | 35.2  | 52.8   |

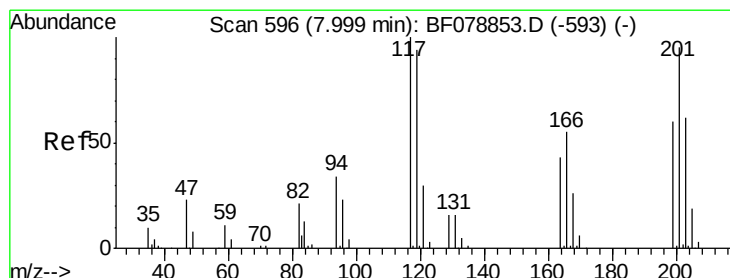
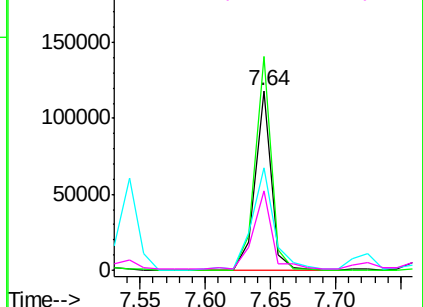
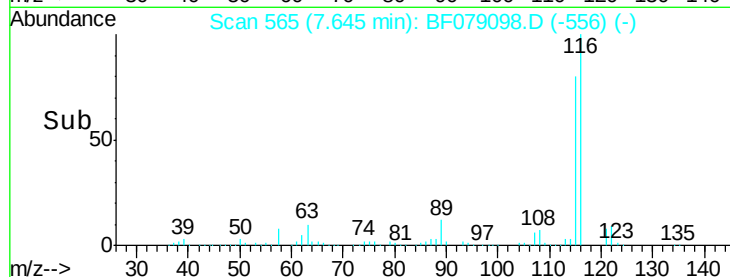


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 4.85 ng

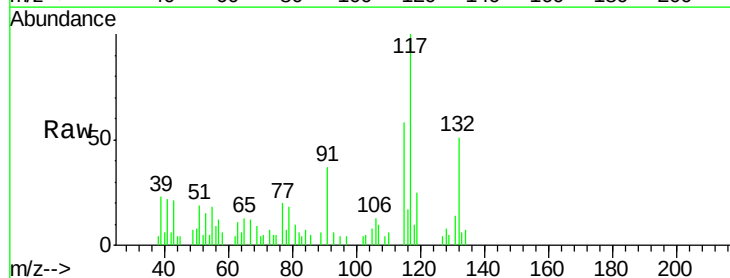
RT: 7.88 min Scan# 586

Delta R.T. -0.06 min

Lab File: BF079098.D

Acq: 9 May 2015 23:45

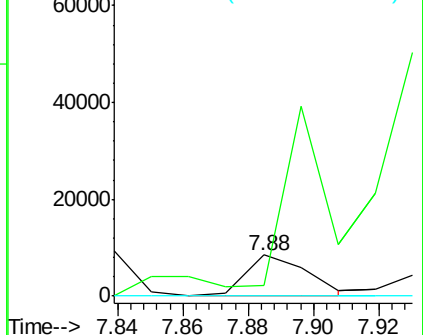
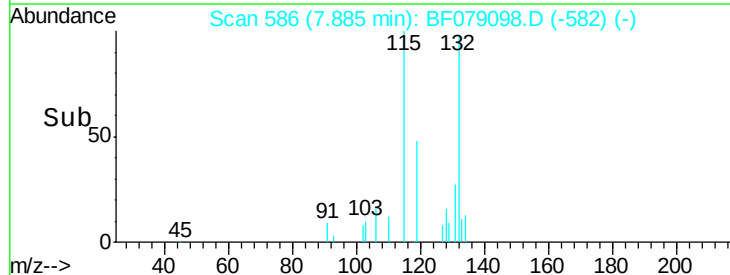
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 10927  |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 25.0  | 75.4  | 113.0# |
| 201      | 0.0   | 83.2  | 124.8# |

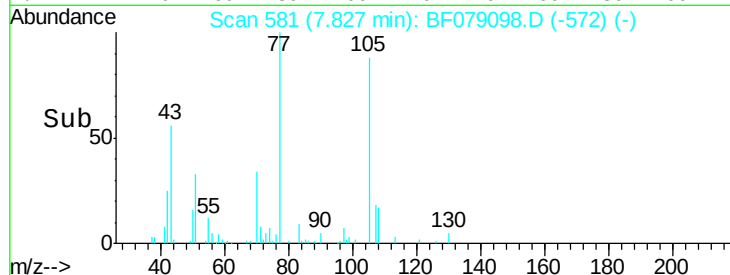
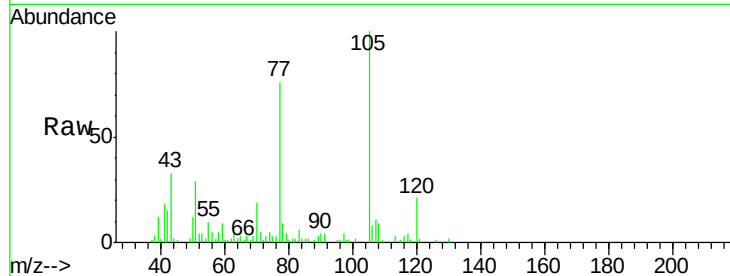
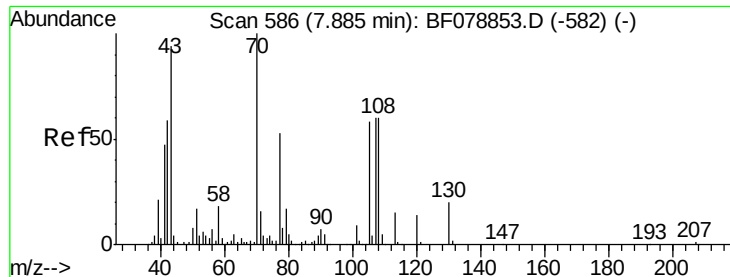


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

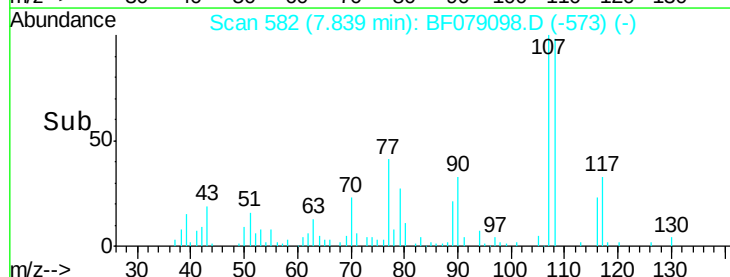
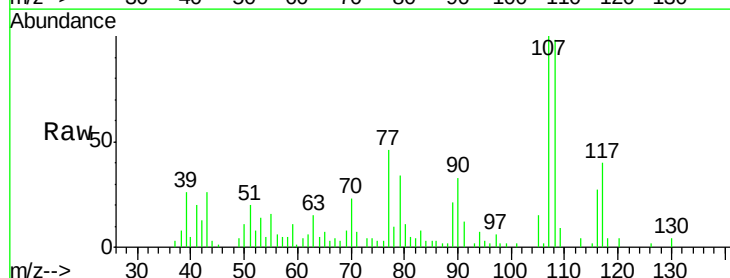
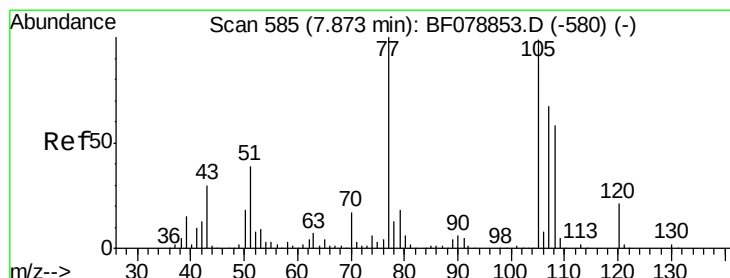
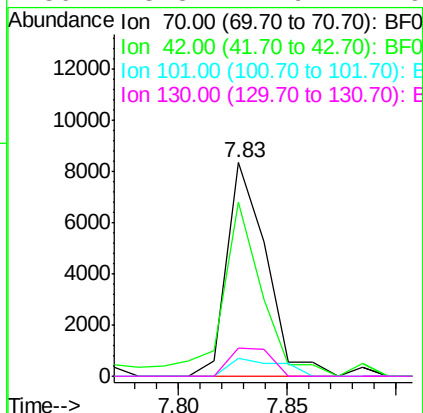




#19  
n-Nitroso-di-n-propylamine  
Concen: 2.36 ng  
RT: 7.83 min Scan# 581  
Delta R.T. -0.00 min  
Lab File: BF079098.D  
Acq: 9 May 2015 23:45

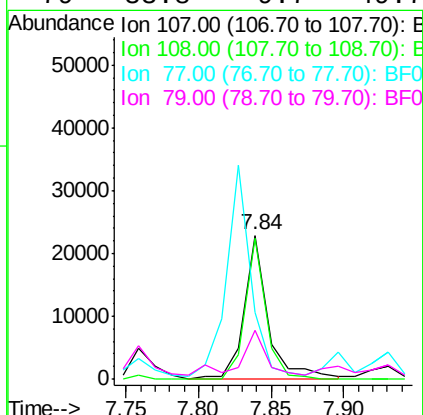
Instrument :  
BNA\_F  
ClientSampleId :  
DBMW-02

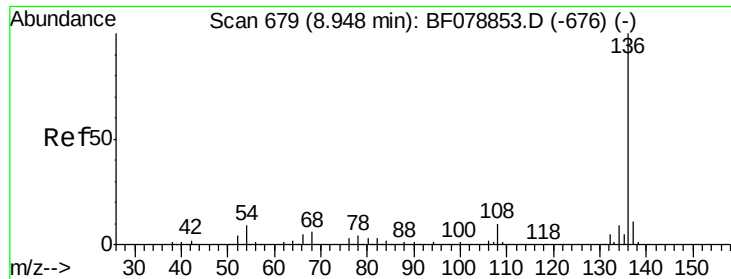
Tgt Ion: 70 Resp: 10487  
Ion Ratio Lower Upper  
70 100  
42 81.2 55.4 83.0  
101 8.5 6.6 10.0  
130 13.3 11.9 17.9



#20  
3+4-Methylphenols  
Concen: 4.38 ng  
RT: 7.84 min Scan# 582  
Delta R.T. -0.00 min  
Lab File: BF079098.D  
Acq: 9 May 2015 23:45

Tgt Ion: 107 Resp: 26526  
Ion Ratio Lower Upper  
107 100  
108 97.6 76.9 116.9  
77 46.1 136.8 176.8#  
79 33.8 9.7 49.7

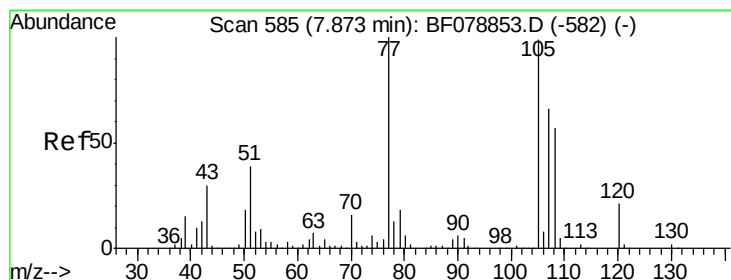
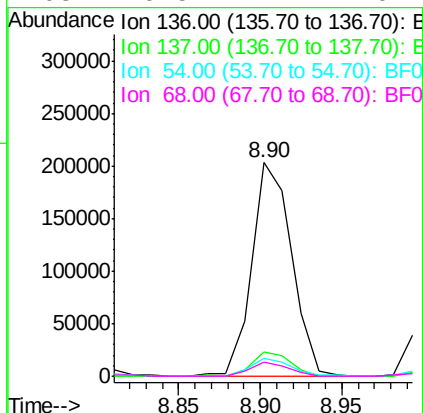
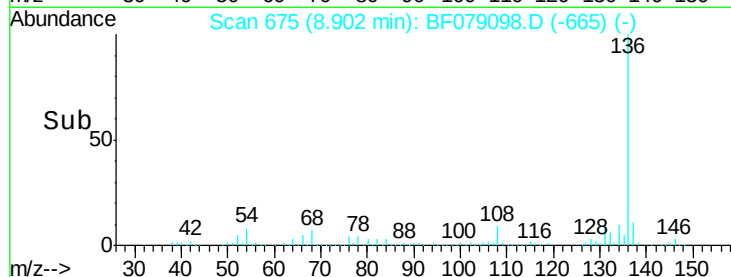
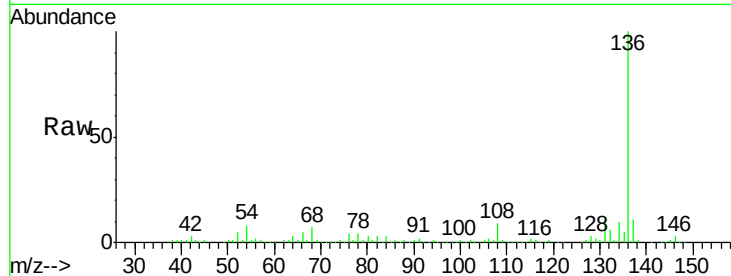




#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 8.90 min Scan# 675  
Delta R.T. 0.01 min  
Lab File: BF079098.D  
Acq: 9 May 2015 23:45

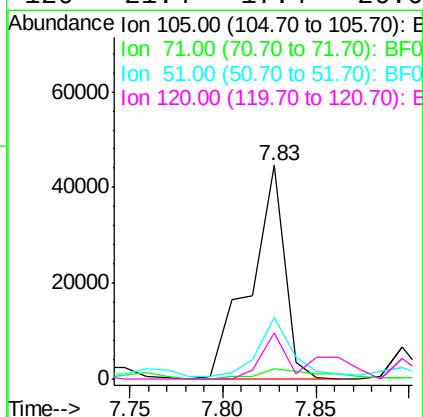
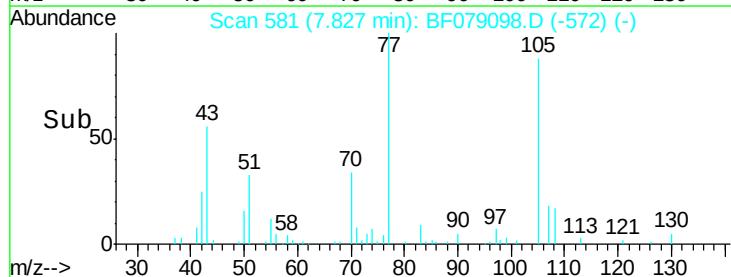
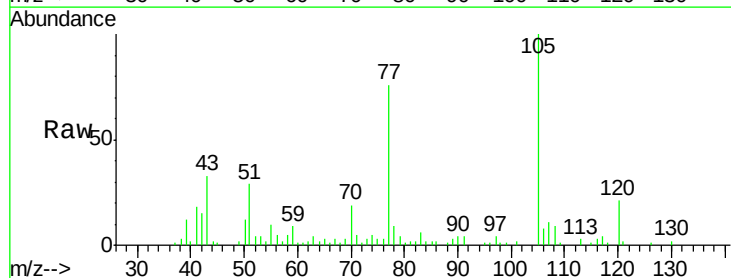
Instrument :  
BNA\_F  
ClientSampleId :  
DBMW-02

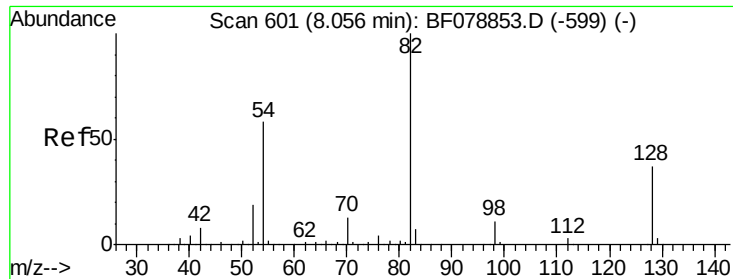
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 136   | Resp: | 345175 |
| Ion Ratio | Lower | Upper |        |
| 136       | 100   |       |        |
| 137       | 11.2  | 8.7   | 13.1   |
| 54        | 8.4   | 5.8   | 8.8    |
| 68        | 6.5   | 4.2   | 6.4#   |



#22  
Acetophenone  
Concen: 7.31 ng  
RT: 7.83 min Scan# 581  
Delta R.T. -0.00 min  
Lab File: BF079098.D  
Acq: 9 May 2015 23:45

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 105   | Resp: | 56971 |
| Ion Ratio | Lower | Upper |       |
| 105       | 100   |       |       |
| 71        | 5.0   | 4.6   | 6.8   |
| 51        | 28.6  | 26.7  | 40.1  |
| 120       | 21.4  | 17.4  | 26.0  |

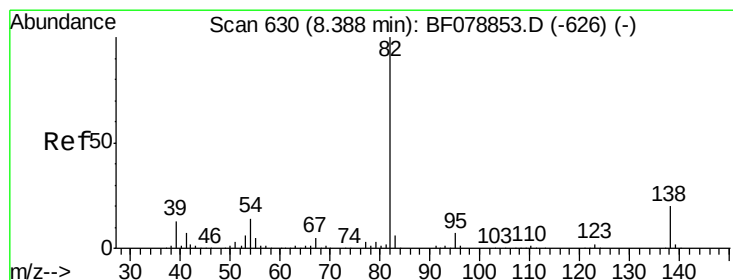
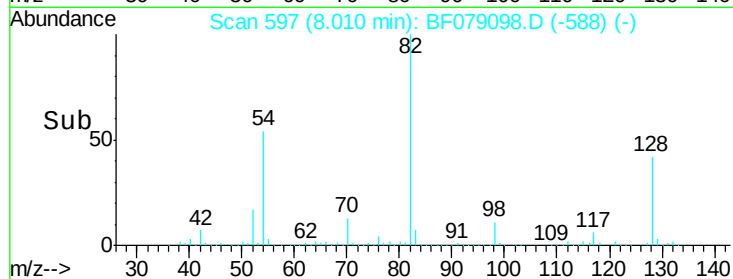
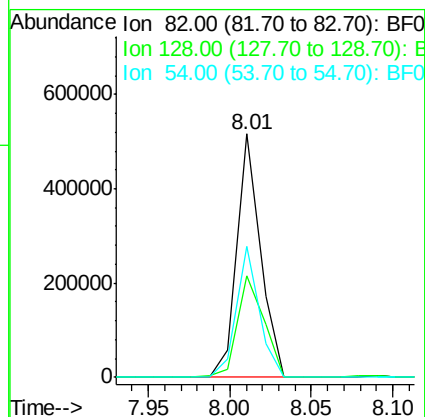
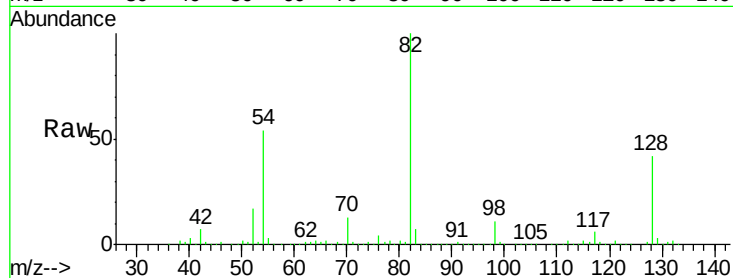




#23  
Nitrobenzene-d5  
Concen: 85.92 ng  
RT: 8.01 min Scan# 597  
Delta R.T. -0.00 min  
Lab File: BF079098.D  
Acq: 9 May 2015 23:45

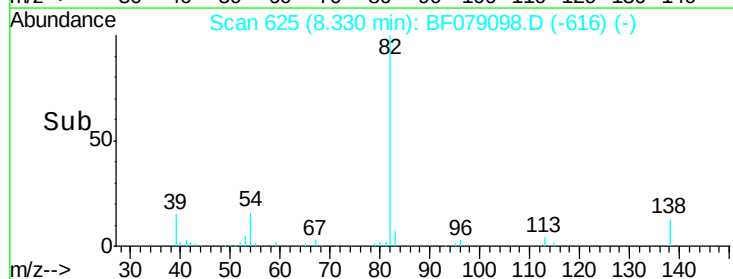
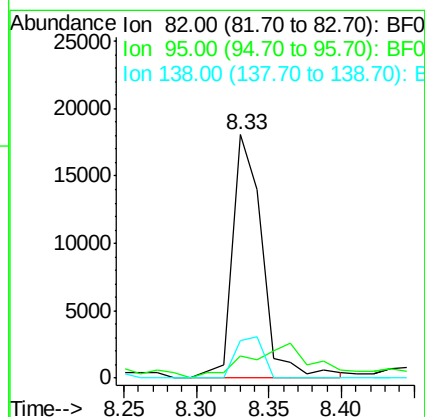
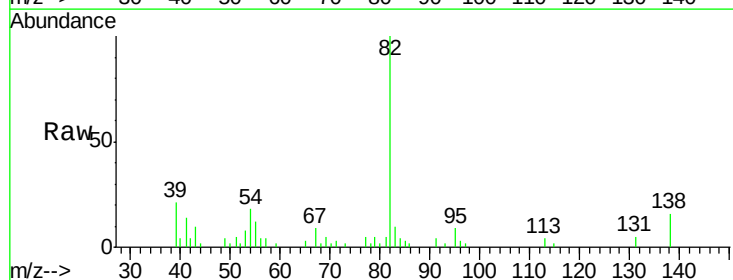
Instrument :  
BNA\_F  
ClientSampleId :  
DBMW-02

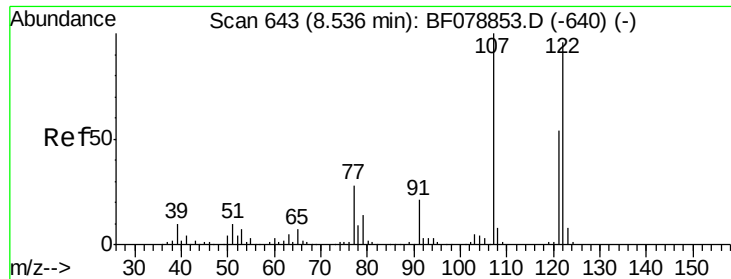
Tgt Ion: 82 Resp: 516026  
Ion Ratio Lower Upper  
82 100  
128 41.6 30.0 45.0  
54 54.0 46.4 69.6



#25  
Isophorone  
Concen: 2.31 ng  
RT: 8.33 min Scan# 625  
Delta R.T. -0.00 min  
Lab File: BF079098.D  
Acq: 9 May 2015 23:45

Tgt Ion: 82 Resp: 25730  
Ion Ratio Lower Upper  
82 100  
95 9.4 5.3 7.9#  
138 15.6 12.0 18.0

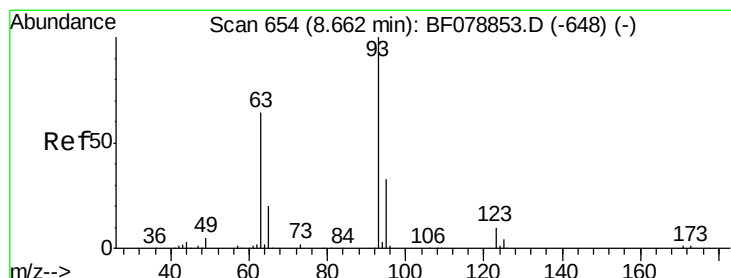
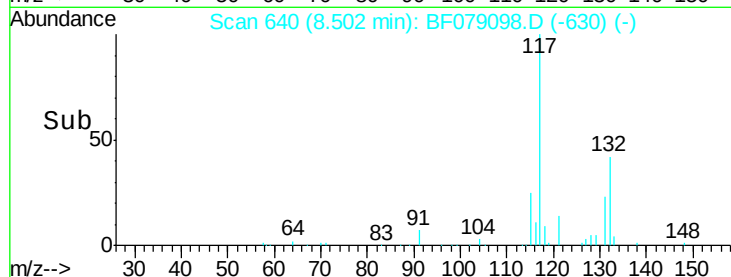
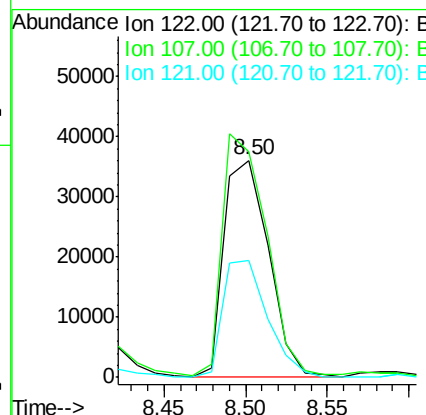
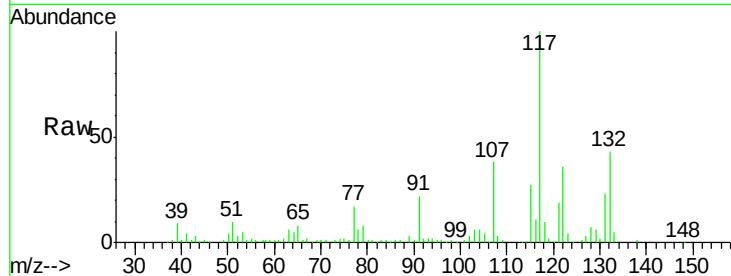




#27  
 2,4-Dimethylphenol  
 Concen: 13.91 ng  
 RT: 8.50 min Scan# 640  
 Delta R.T. 0.01 min  
 Lab File: BF079098.D  
 Acq: 9 May 2015 23:45

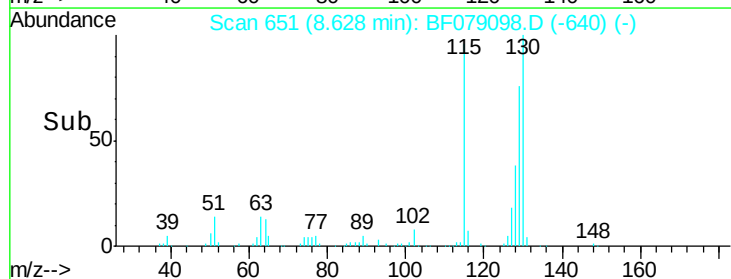
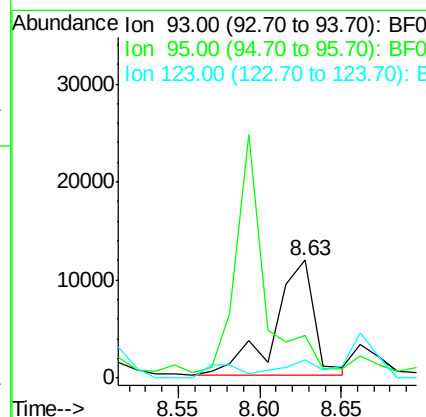
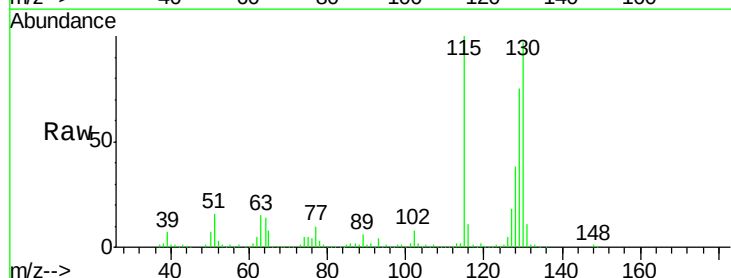
Instrument :  
 BNA\_F  
 ClientSampleId :  
 DBMW-02

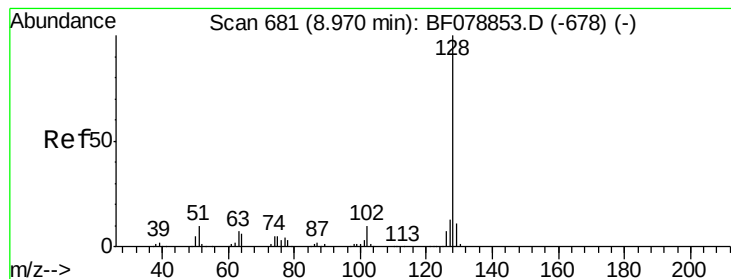
Tgt Ion: 122 Resp: 68609  
 Ion Ratio Lower Upper  
 122 100  
 107 103.8 90.6 135.8  
 121 53.8 45.4 68.2



#28  
 bis(2-Chloroethoxy)methane  
 Concen: 2.88 ng  
 RT: 8.63 min Scan# 651  
 Delta R.T. 0.02 min  
 Lab File: BF079098.D  
 Acq: 9 May 2015 23:45

Tgt Ion: 93 Resp: 19779  
 Ion Ratio Lower Upper  
 93 100  
 95 36.3 26.7 40.1  
 123 16.0 9.1 13.7#





#31

Naphthalene

Concen: 538.66 ng

RT: 8.96 min Scan# 680

Delta R.T. 0.03 min

Lab File: BF079098.D

Acq: 9 May 2015 23:45

Instrument :

BNA\_F

ClientSampleId :

DBMW-02

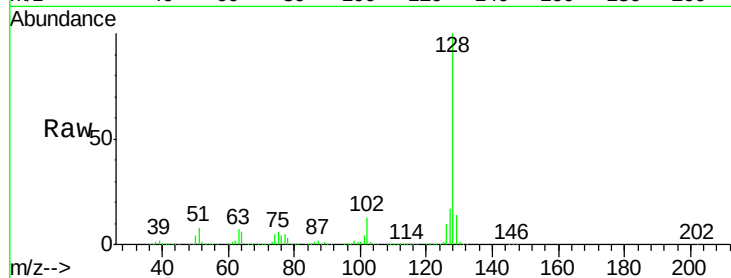
Tgt Ion:128 Resp: 8859448

Ion Ratio Lower Upper

128 100

129 13.6 9.3 13.9

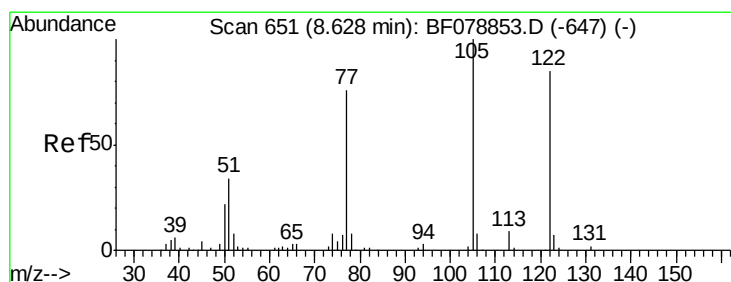
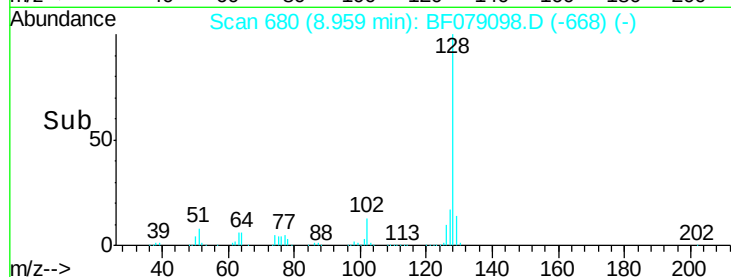
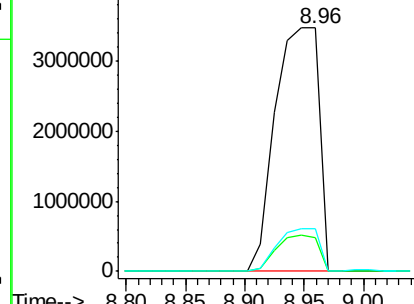
127 17.5 10.7 16.1#



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: 6.90 ng

RT: 8.58 min Scan# 647

Delta R.T. -0.01 min

Lab File: BF079098.D

Acq: 9 May 2015 23:45

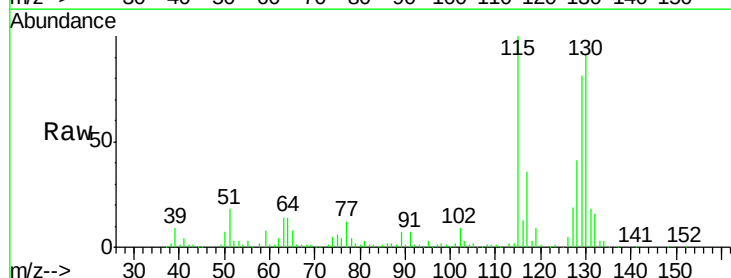
Tgt Ion:122 Resp: 2104

Ion Ratio Lower Upper

122 100

105 365.4 107.1 147.1#

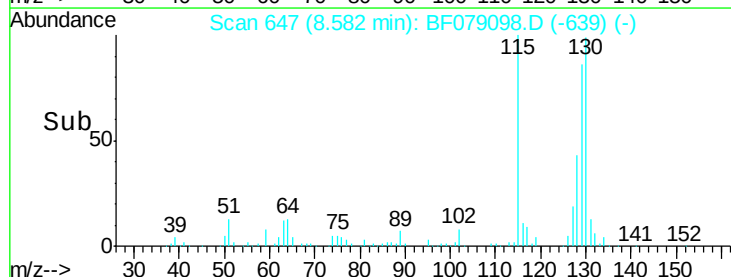
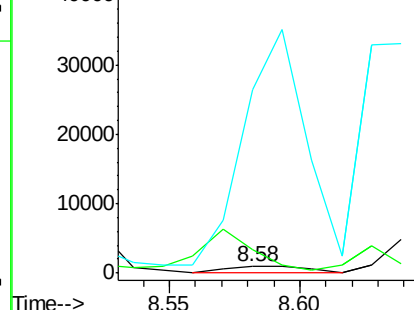
77 2824.3 73.9 113.9#

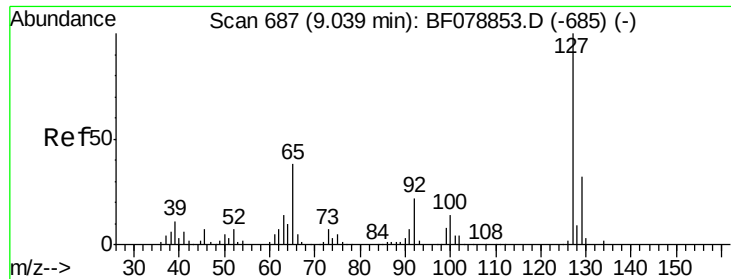


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

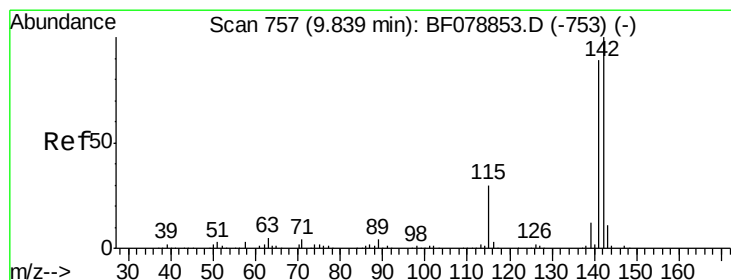
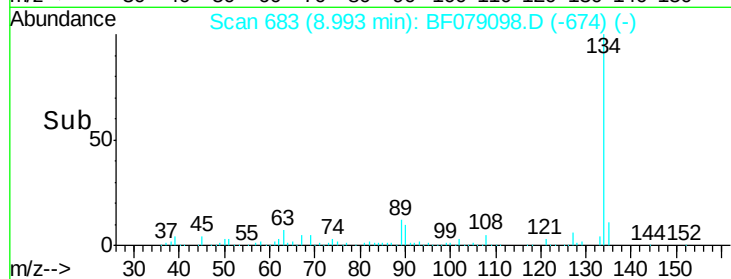
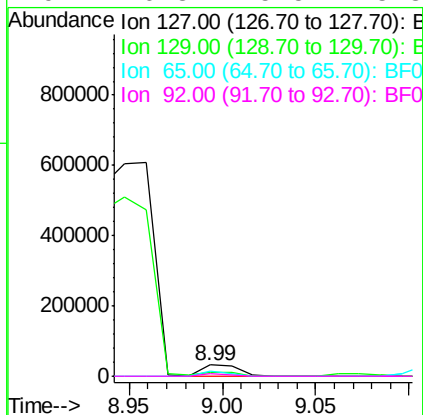
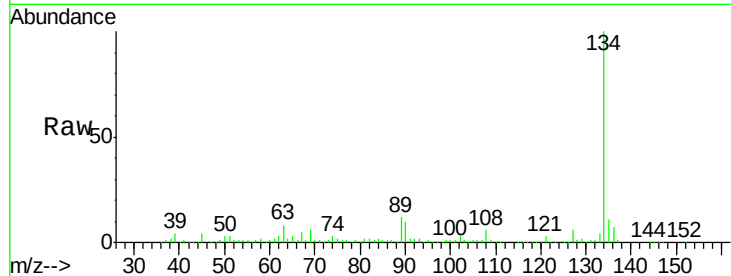




#33  
 4-Chloroaniline  
 Concen: 6.28 ng  
 RT: 8.99 min Scan# 683  
 Delta R.T. -0.00 min  
 Lab File: BF079098.D  
 Acq: 9 May 2015 23:45

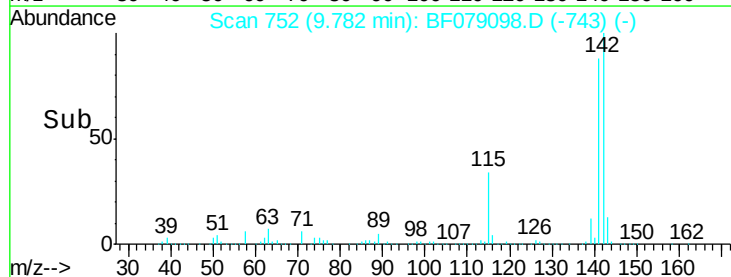
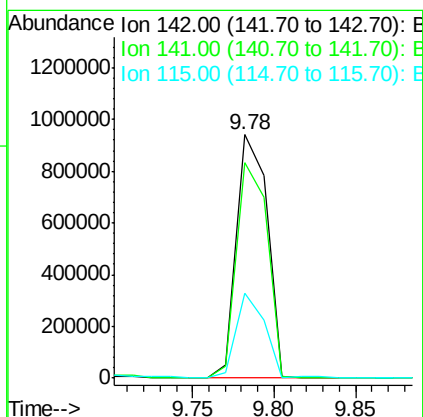
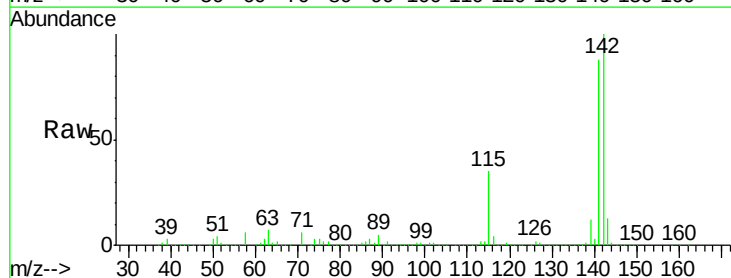
Instrument :  
 BNA\_F  
 ClientSampleId :  
 DBMW-02

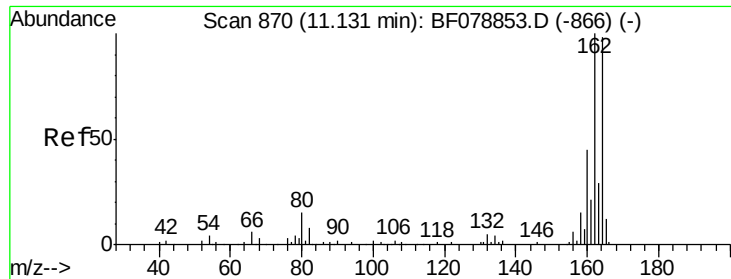
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 127   | Resp: | 43675 |
| Ion      | Ratio | Lower | Upper |
| 127      | 100   |       |       |
| 129      | 37.4  | 25.8  | 38.8  |
| 65       | 47.1  | 25.8  | 38.6# |
| 92       | 26.3  | 15.5  | 23.3# |



#37  
 2-Methylnaphthalene  
 Concen: 107.11 ng  
 RT: 9.78 min Scan# 752  
 Delta R.T. -0.00 min  
 Lab File: BF079098.D  
 Acq: 9 May 2015 23:45

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 142   | Resp: | 1220771 |
| Ion      | Ratio | Lower | Upper   |
| 142      | 100   |       |         |
| 141      | 88.4  | 70.9  | 106.3   |
| 115      | 34.6  | 28.5  | 42.7    |

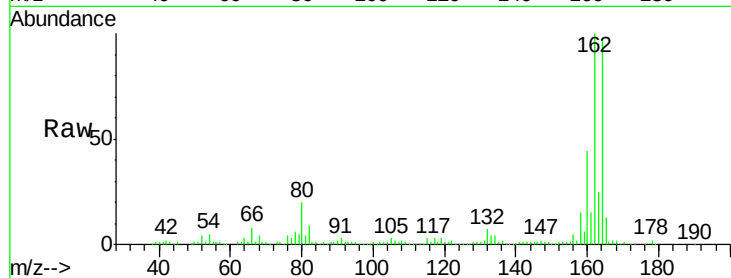




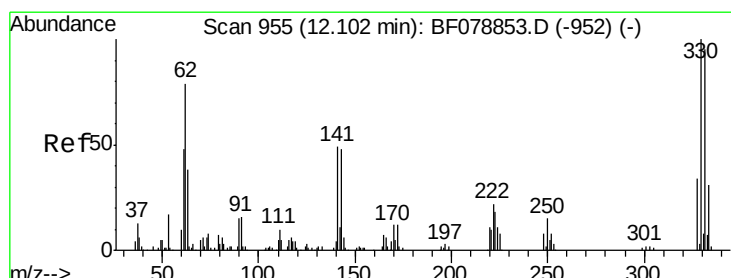
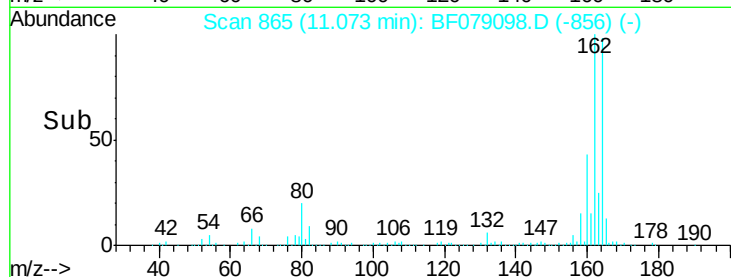
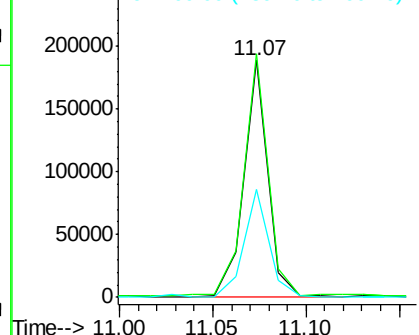
#38  
 Acenaphthene-d10  
 Concen: 20.00 ng  
 RT: 11.07 min Scan# 865  
 Delta R.T. -0.00 min  
 Lab File: BF079098.D  
 Acq: 9 May 2015 23:45

Instrument :  
 BNA\_F  
 ClientSampleId :  
 DBMW-02

Tgt Ion:164 Resp: 166816  
 Ion Ratio Lower Upper  
 164 100  
 162 102.8 82.7 124.1  
 160 45.3 35.8 53.8

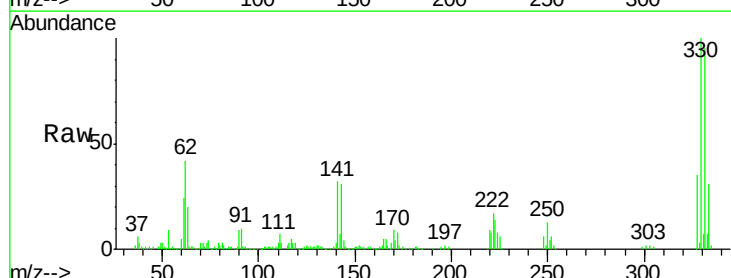


Abundance Ion 164.00 (163.70 to 164.70): E  
 Ion 162.00 (161.70 to 162.70): E  
 Ion 160.00 (159.70 to 160.70): E

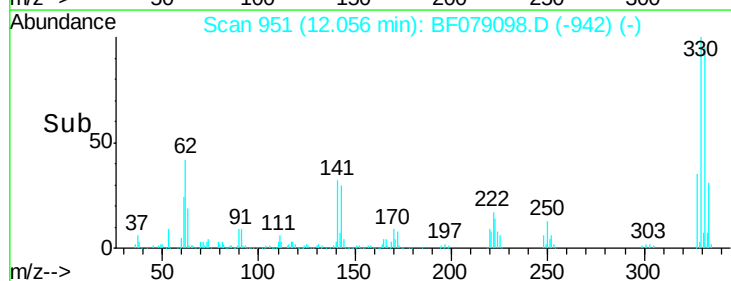
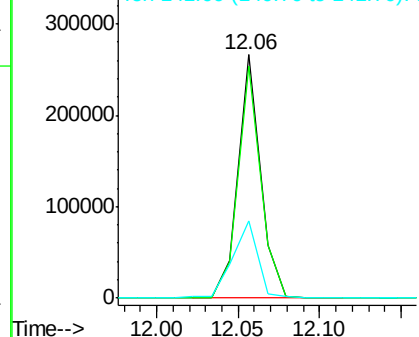


#41  
 2,4,6-Tribromophenol  
 Concen: 140.37 ng  
 RT: 12.06 min Scan# 951  
 Delta R.T. -0.00 min  
 Lab File: BF079098.D  
 Acq: 9 May 2015 23:45

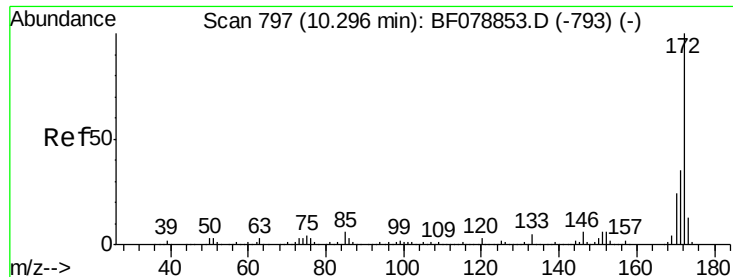
Tgt Ion:330 Resp: 253311  
 Ion Ratio Lower Upper  
 330 100  
 332 95.9 0.0 0.0#  
 141 35.0 0.0 0.0#



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



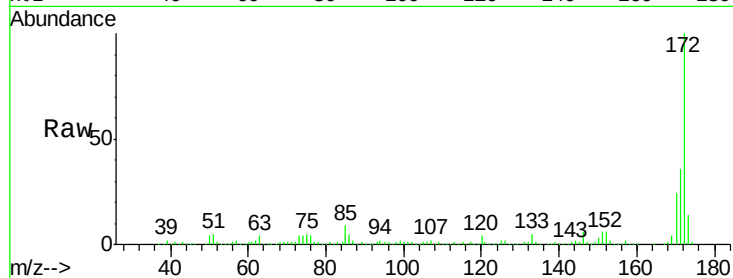




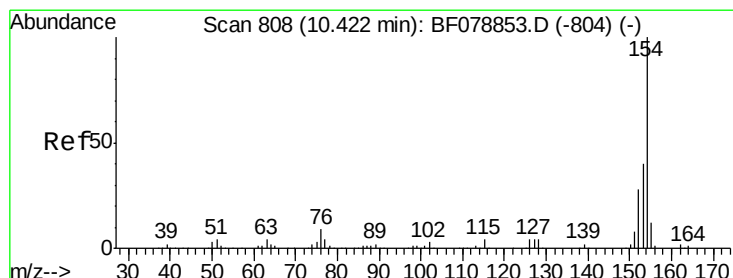
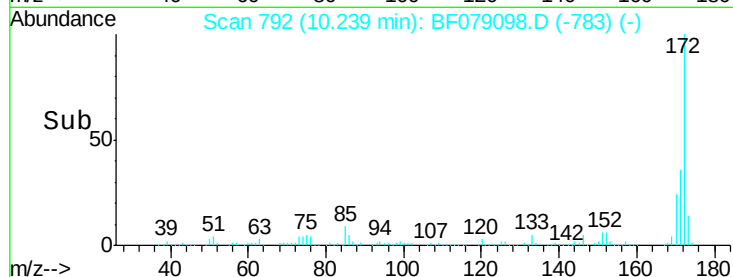
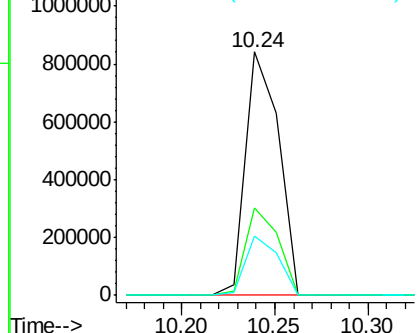
#44  
 2-Fluorobiphenyl  
 Concen: 86.81 ng  
 RT: 10.24 min Scan# 792  
 Delta R.T. -0.00 min  
 Lab File: BF079098.D  
 Acq: 9 May 2015 23:45

Instrument :  
 BNA\_F  
 ClientSampleId :  
 DBMW-02

Tgt Ion:172 Resp: 1039411  
 Ion Ratio Lower Upper  
 172 100  
 171 35.8 27.9 41.9  
 170 24.2 19.4 29.0

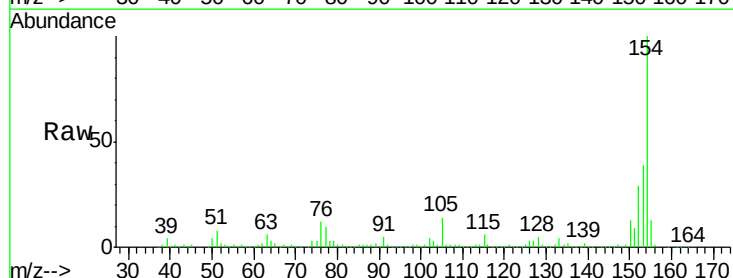


Abundance Ion 172.00 (171.70 to 172.70): E  
 Ion 171.00 (170.70 to 171.70): E  
 Ion 170.00 (169.70 to 170.70): E

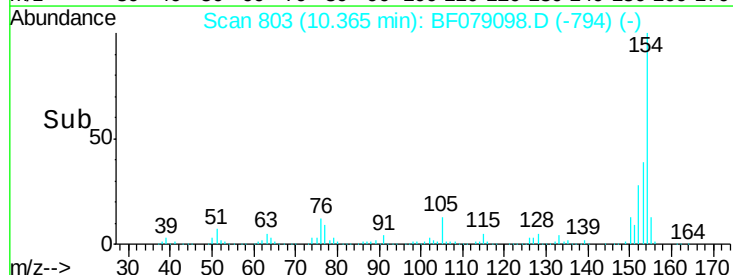
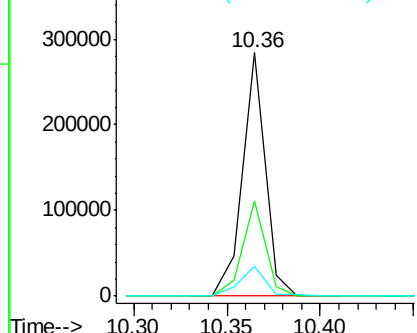


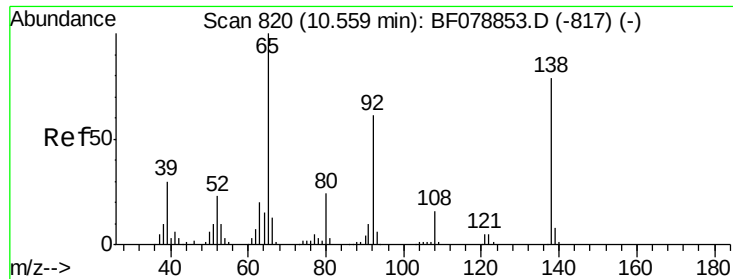
#45  
 1,1'-Biphenyl  
 Concen: 18.40 ng  
 RT: 10.36 min Scan# 803  
 Delta R.T. -0.00 min  
 Lab File: BF079098.D  
 Acq: 9 May 2015 23:45

Tgt Ion:154 Resp: 244000  
 Ion Ratio Lower Upper  
 154 100  
 153 39.1 19.9 59.9  
 76 12.4 0.0 35.0



Abundance Ion 154.00 (153.70 to 154.70): E  
 Ion 153.00 (152.70 to 153.70): E  
 Ion 76.00 (75.70 to 76.70): BF0

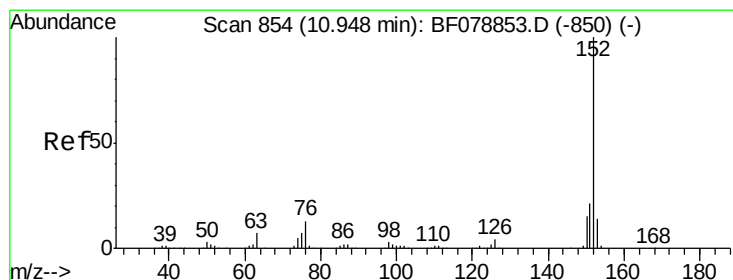
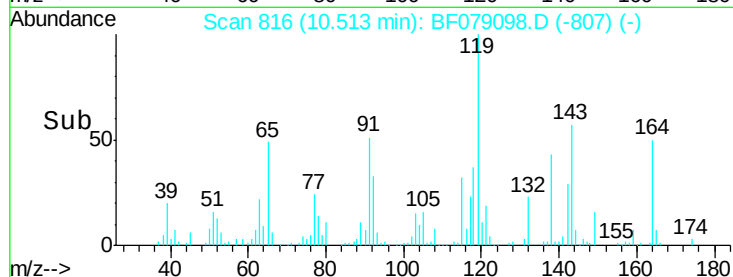
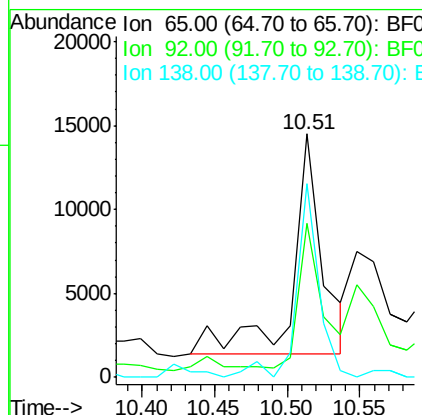
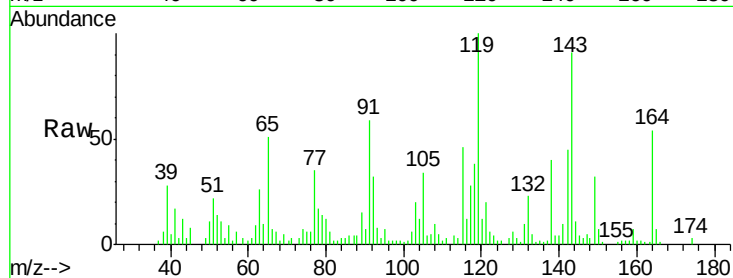




#47  
2-Nitroaniline  
Concen: 6.42 ng  
RT: 10.51 min Scan# 816  
Delta R.T. -0.00 min  
Lab File: BF079098.D  
Acq: 9 May 2015 23:45

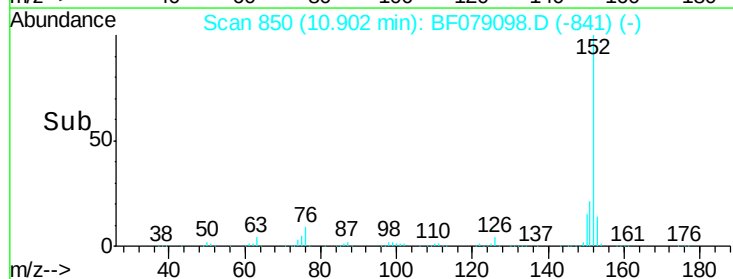
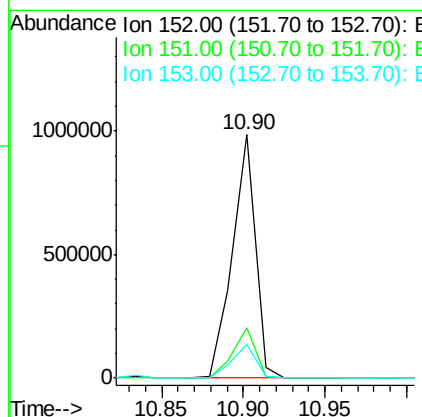
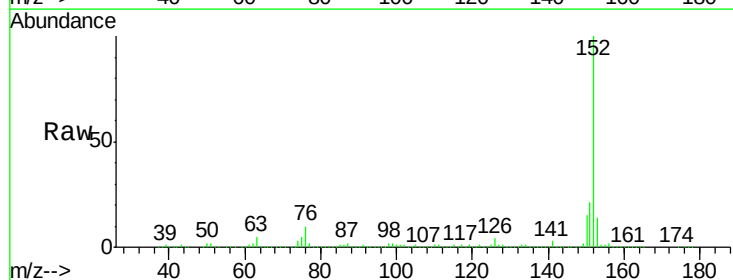
Instrument :  
BNA\_F  
ClientSampleId :  
DBMW-02

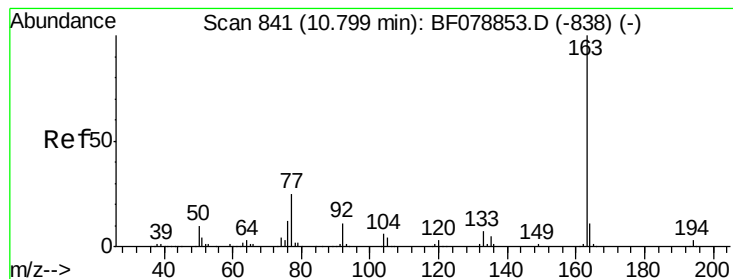
Tgt Ion: 65 Resp: 19234  
Ion Ratio Lower Upper  
65 100  
92 63.3 54.0 81.0  
138 79.5 75.0 112.6



#48  
Acenaphthylene  
Concen: 56.10 ng  
RT: 10.90 min Scan# 850  
Delta R.T. -0.00 min  
Lab File: BF079098.D  
Acq: 9 May 2015 23:45

Tgt Ion: 152 Resp: 952817  
Ion Ratio Lower Upper  
152 100  
151 20.7 16.2 24.4  
153 14.1 10.9 16.3





#49

Dimethylphthalate

Concen: 3.11 ng

RT: 10.75 min Scan# 837

Delta R.T. -0.00 min

Lab File: BF079098.D

Acq: 9 May 2015 23:45

Instrument :

BNA\_F

ClientSampleId :

DBMW-02

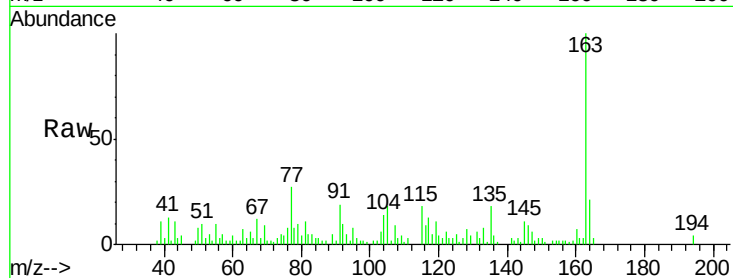
Tgt Ion:163 Resp: 38063

Ion Ratio Lower Upper

163 100

194 3.7 2.6 4.0

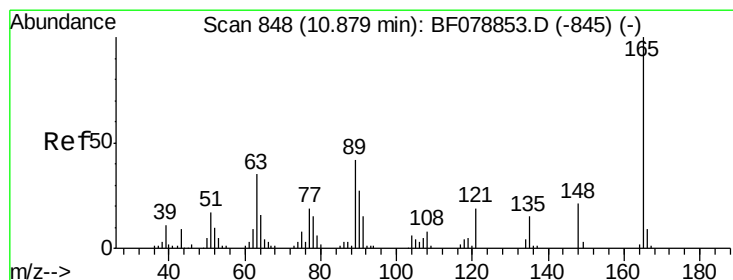
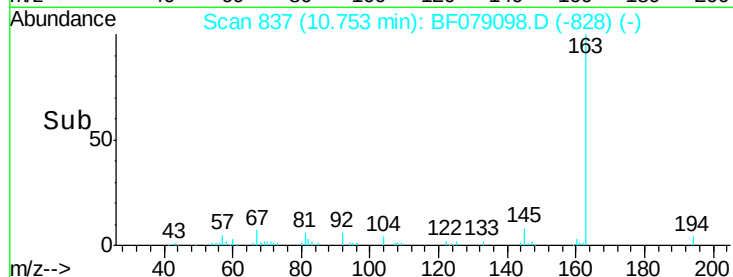
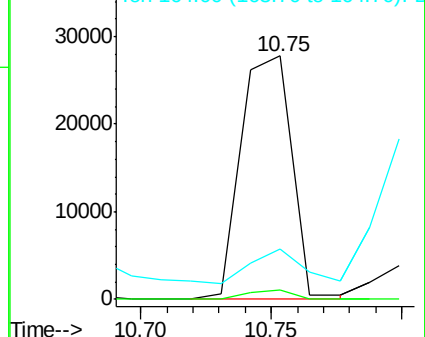
164 20.7 8.1 12.1#



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: 3.13 ng

RT: 10.82 min Scan# 843

Delta R.T. -0.00 min

Lab File: BF079098.D

Acq: 9 May 2015 23:45

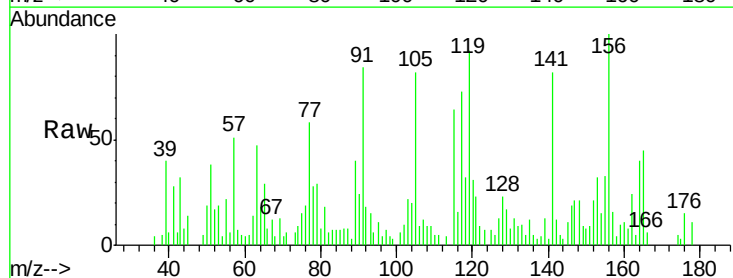
Tgt Ion:165 Resp: 7568

Ion Ratio Lower Upper

165 100

63 104.2 54.4 81.6#

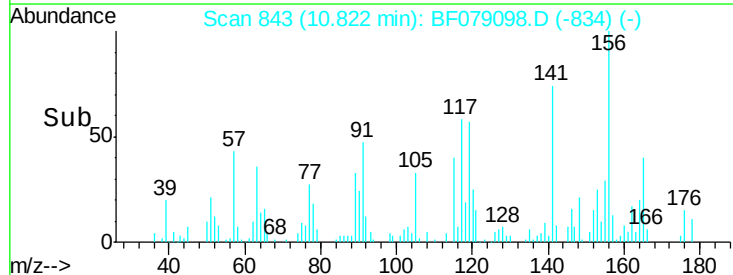
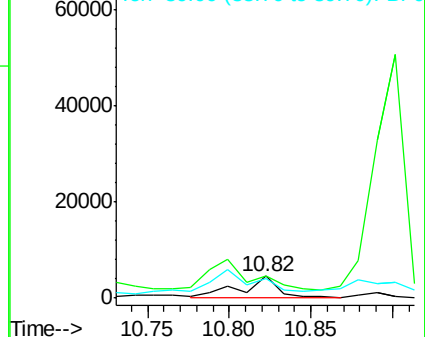
89 89.4 55.7 83.5#

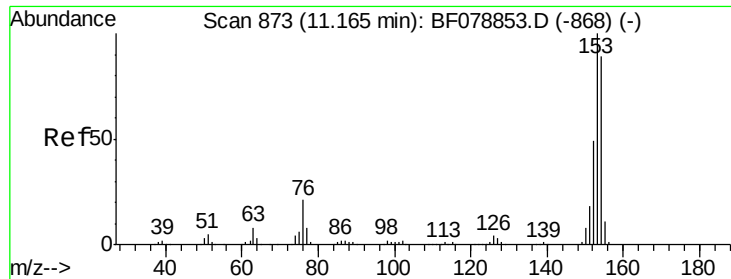


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 36.24 ng

RT: 11.12 min Scan# 869

Delta R.T. 0.01 min

Lab File: BF079098.D

Acq: 9 May 2015 23:45

Instrument :

BNA\_F

ClientSampleId :

DBMW-02

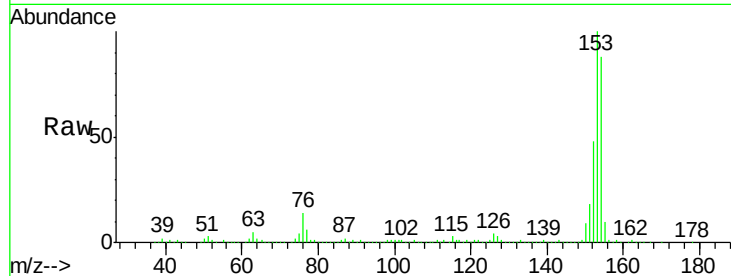
Tgt Ion:154 Resp: 367063

Ion Ratio Lower Upper

154 100

153 113.9 91.5 137.3

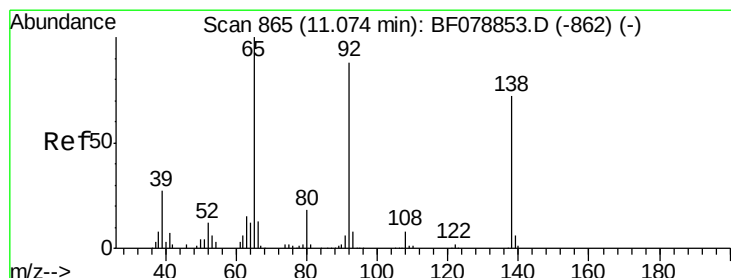
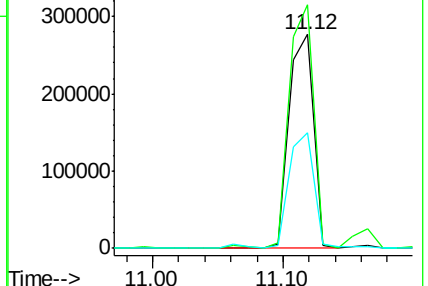
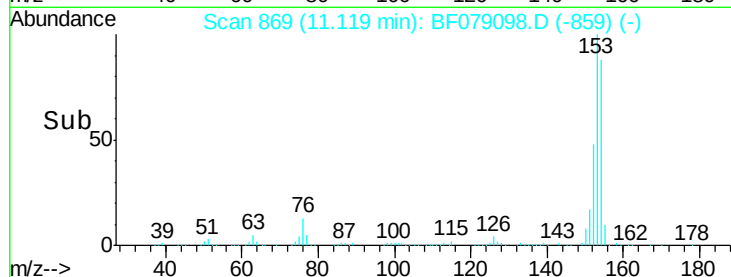
152 54.1 44.2 66.4



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: 3.87 ng

RT: 11.03 min Scan# 861

Delta R.T. -0.00 min

Lab File: BF079098.D

Acq: 9 May 2015 23:45

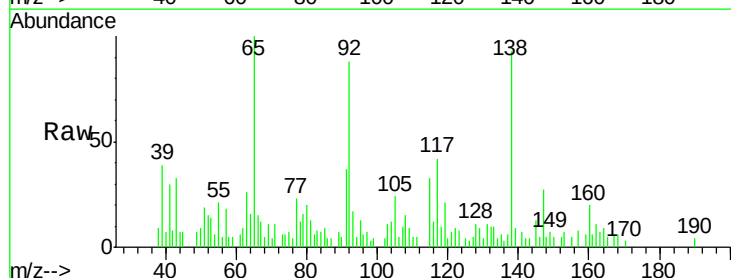
Tgt Ion:138 Resp: 11686

Ion Ratio Lower Upper

138 100

108 15.7 10.6 16.0

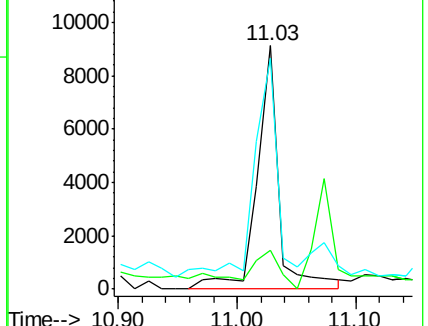
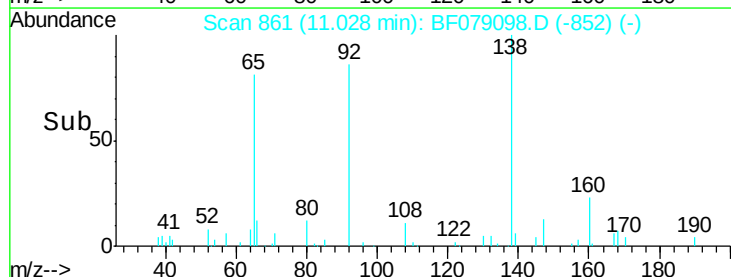
92 94.7 81.8 122.6

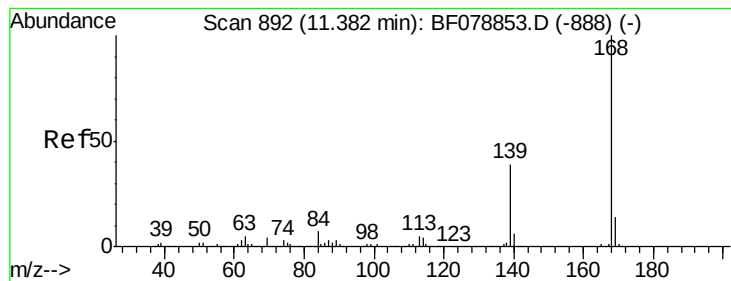


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





#54

Dibenzenofuran

Concen: 3.71 ng

RT: 11.32 min Scan# 887

Delta R.T. -0.00 min

Lab File: BF079098.D

Acq: 9 May 2015 23:45

Instrument :

BNA\_F

ClientSampleId :

DBMW-02

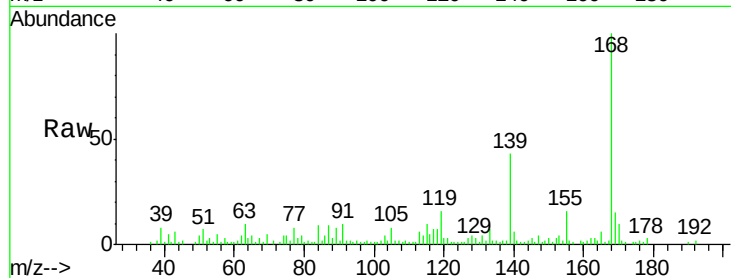
Tgt Ion:168 Resp: 54326

Ion Ratio Lower Upper

168 100

139 42.8 31.0 46.4

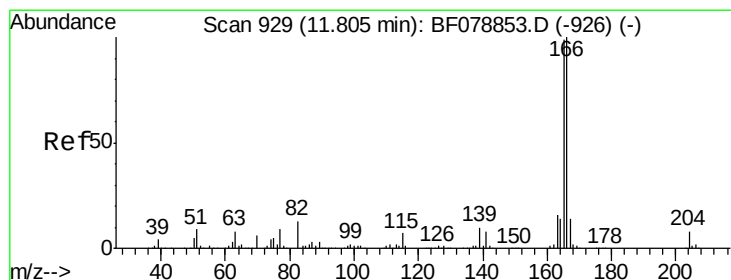
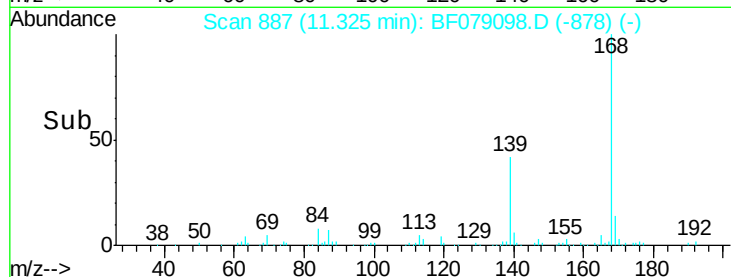
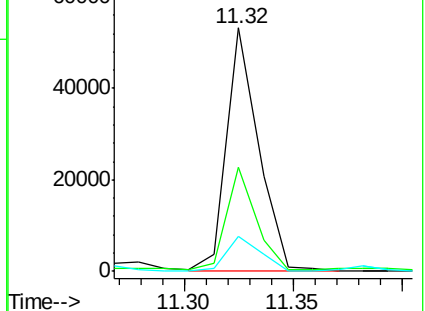
169 14.5 10.6 16.0



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



#57

Fluorene

Concen: 19.65 ng

RT: 11.76 min Scan# 925

Delta R.T. -0.00 min

Lab File: BF079098.D

Acq: 9 May 2015 23:45

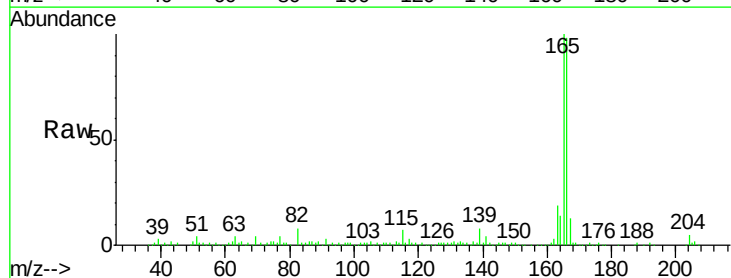
Tgt Ion:166 Resp: 235940

Ion Ratio Lower Upper

166 100

165 102.1 78.5 117.7

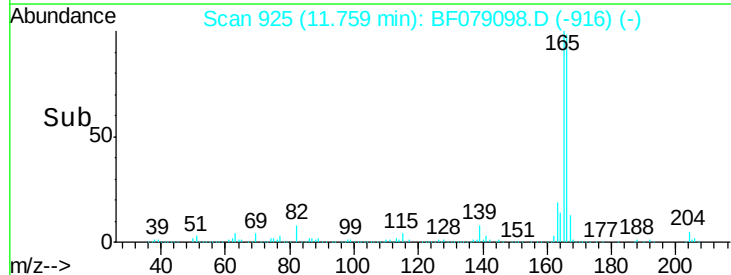
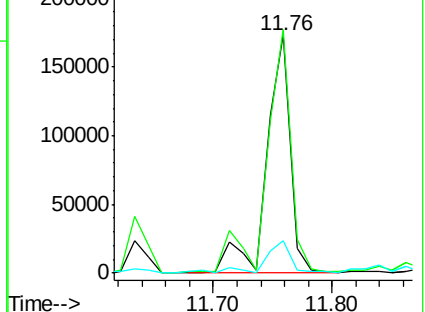
167 13.5 11.0 16.6

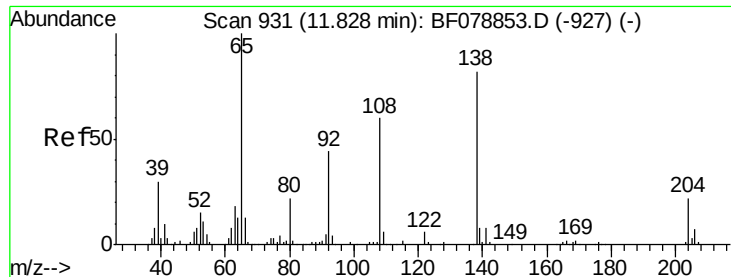


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

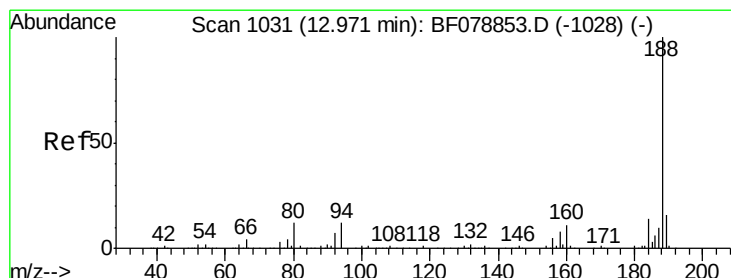
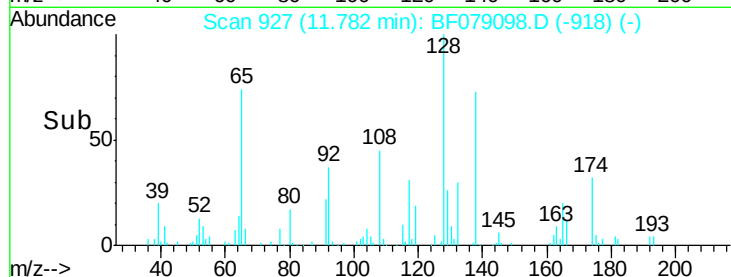
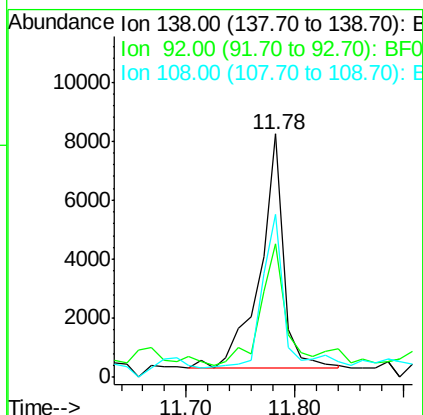
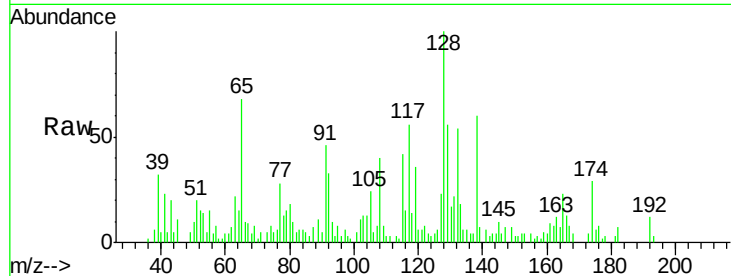




#61  
4-Nitroaniline  
Concen: 3.92 ng  
RT: 11.78 min Scan# 927  
Delta R.T. -0.00 min  
Lab File: BF079098.D  
Acq: 9 May 2015 23:45

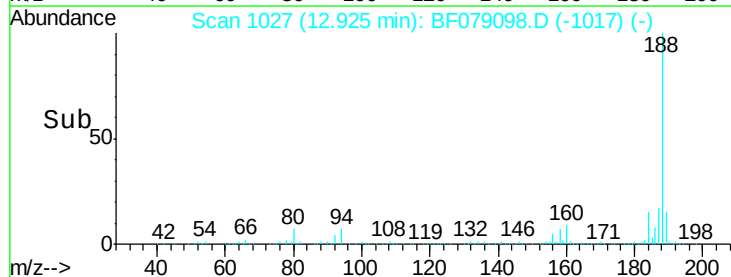
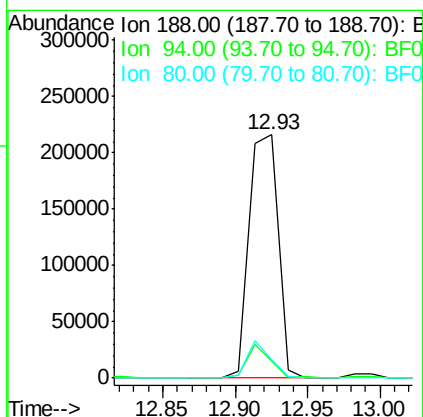
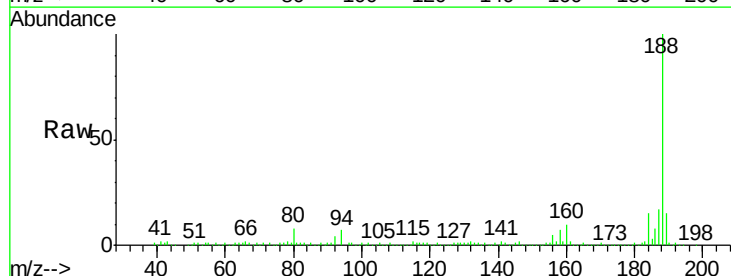
Instrument :  
BNA\_F  
ClientSampleId :  
DBMW-02

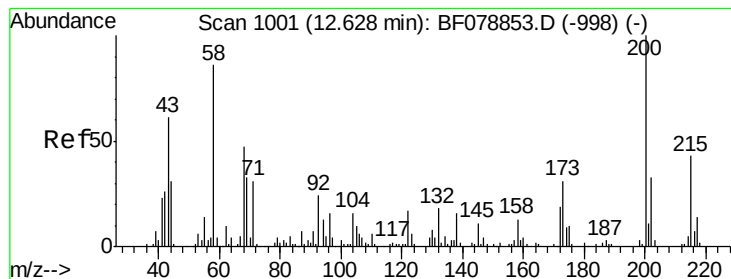
Tgt Ion:138 Resp: 11840  
Ion Ratio Lower Upper  
138 100  
92 55.1 28.0 68.0  
108 66.9 56.3 96.3



#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 12.93 min Scan# 1027  
Delta R.T. 0.01 min  
Lab File: BF079098.D  
Acq: 9 May 2015 23:45

Tgt Ion:188 Resp: 298496  
Ion Ratio Lower Upper  
188 100  
94 7.2 8.2 12.2#  
80 7.6 8.9 13.3#





#68

Atrazine

Concen: 2.27 ng

RT: 12.61 min Scan# 999

Delta R.T. 0.02 min

Lab File: BF079098.D

Acq: 9 May 2015 23:45

Instrument :

BNA\_F

ClientSampleId :

DBMW-02

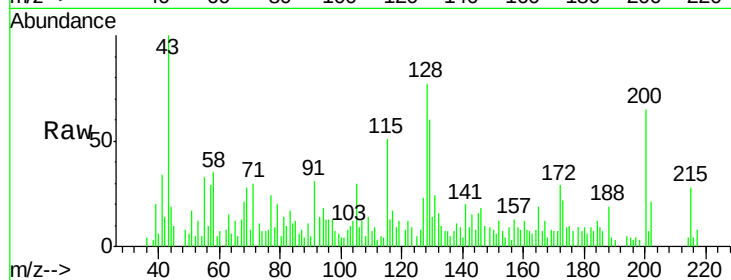
Tgt Ion:200 Resp: 6559

Ion Ratio Lower Upper

200 100

173 34.0 8.1 48.1

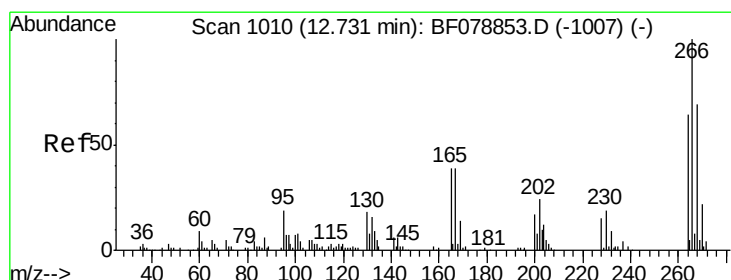
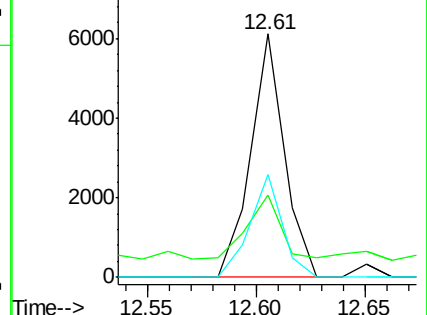
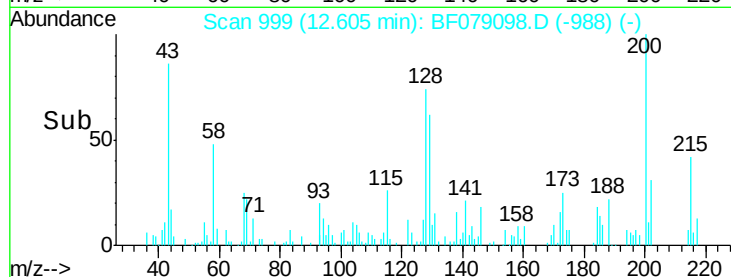
215 42.3 22.9 62.9



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: 6.95 ng

RT: 12.69 min Scan# 1006

Delta R.T. 0.01 min

Lab File: BF079098.D

Acq: 9 May 2015 23:45

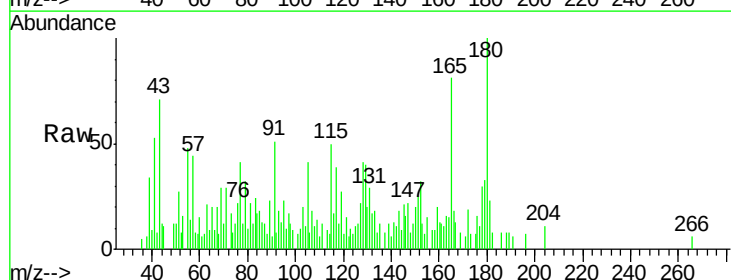
Tgt Ion:266 Resp: 240

Ion Ratio Lower Upper

266 100

268 0.0 55.0 82.6#

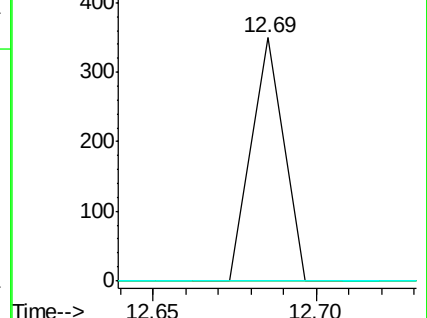
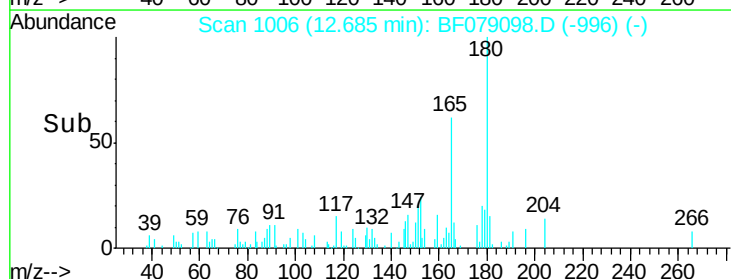
264 0.0 48.2 72.2#

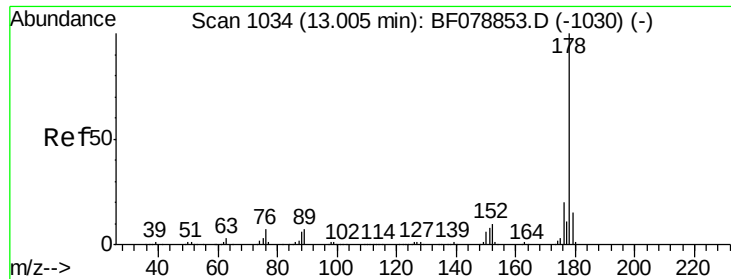


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

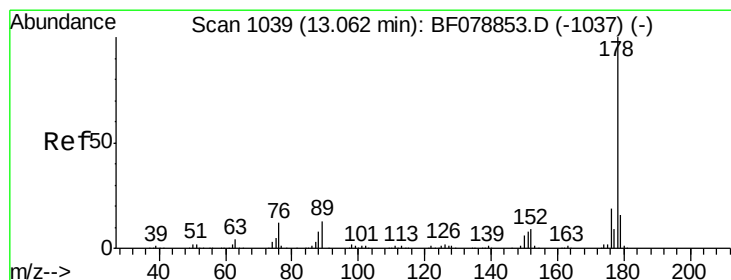
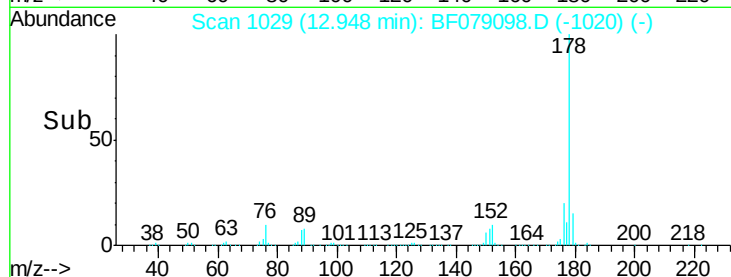
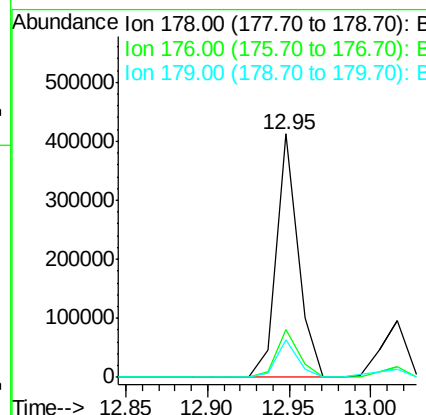
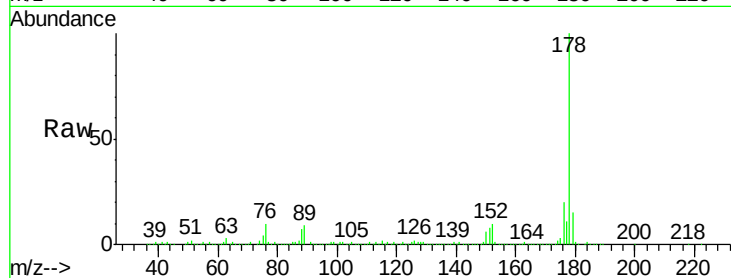




#70  
Phenanthrene  
Concen: 22.97 ng  
RT: 12.95 min Scan# 1029  
Delta R.T. -0.00 min  
Lab File: BF079098.D  
Acq: 9 May 2015 23:45

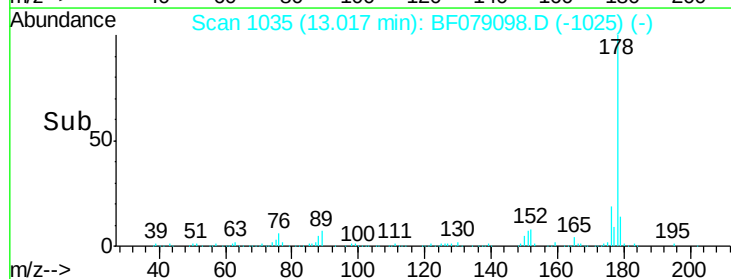
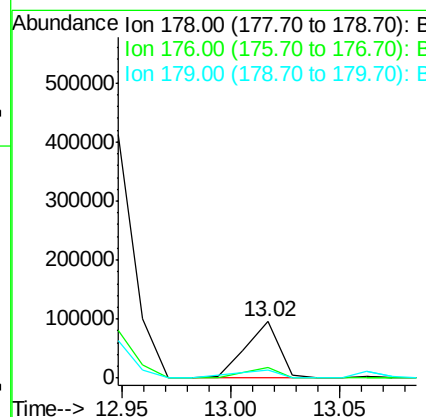
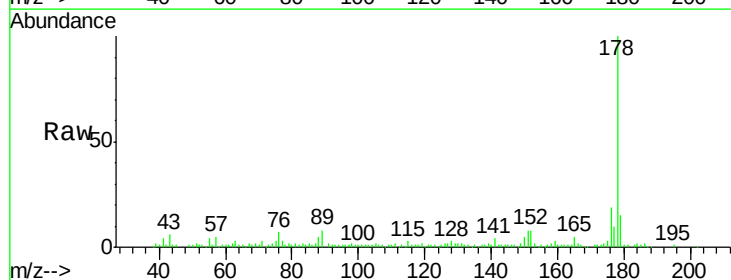
Instrument :  
BNA\_F  
ClientSampleId :  
DBMW-02

Tgt Ion:178 Resp: 383591  
Ion Ratio Lower Upper  
178 100  
176 19.6 15.8 23.8  
179 15.3 12.5 18.7

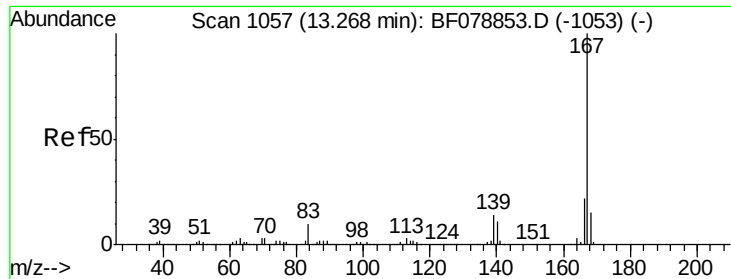


#71  
Anthracene  
Concen: 6.12 ng  
RT: 13.02 min Scan# 1035  
Delta R.T. 0.01 min  
Lab File: BF079098.D  
Acq: 9 May 2015 23:45

Tgt Ion:178 Resp: 100179  
Ion Ratio Lower Upper  
178 100  
176 18.6 15.5 23.3  
179 14.7 12.7 19.1







#72

Carbazole

Concen: 11.42 ng

RT: 13.22 min Scan# 1053

Delta R.T. 0.01 min

Lab File: BF079098.D

Acq: 9 May 2015 23:45

Instrument :

BNA\_F

ClientSampleId :

DBMW-02

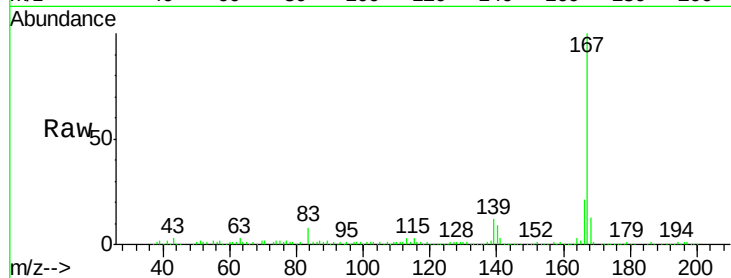
Tgt Ion:167 Resp: 178387

Ion Ratio Lower Upper

167 100

166 21.4 17.8 26.8

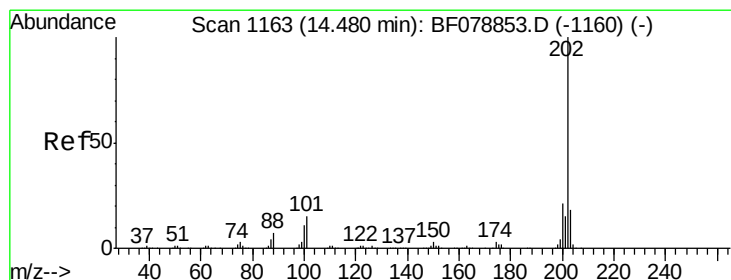
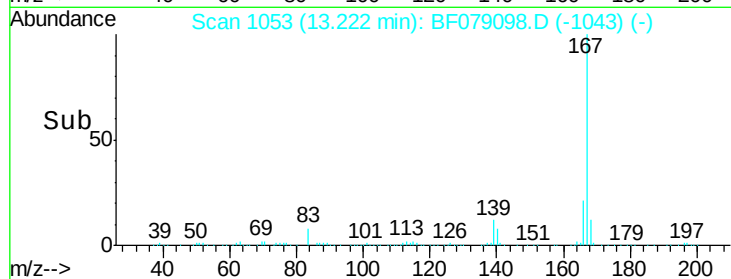
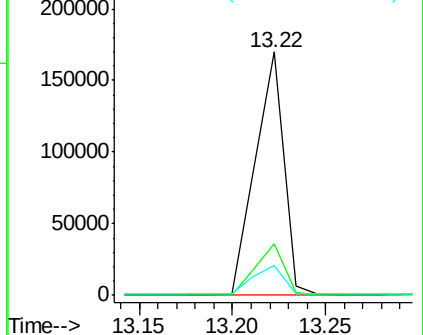
139 12.4 10.6 16.0



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Fluoranthene

Concen: 4.33 ng

RT: 14.43 min Scan# 1159

Delta R.T. 0.01 min

Lab File: BF079098.D

Acq: 9 May 2015 23:45

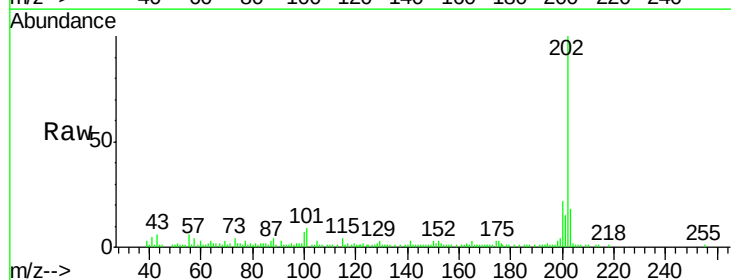
Tgt Ion:202 Resp: 75295

Ion Ratio Lower Upper

202 100

101 9.2 0.0 34.6

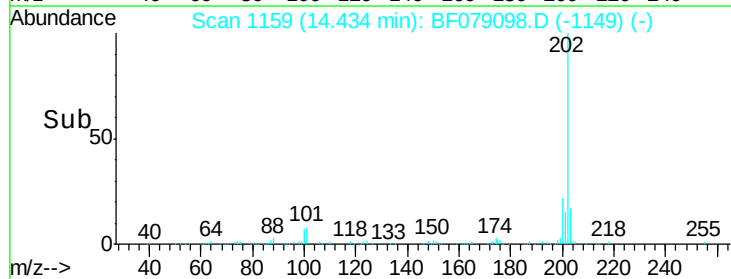
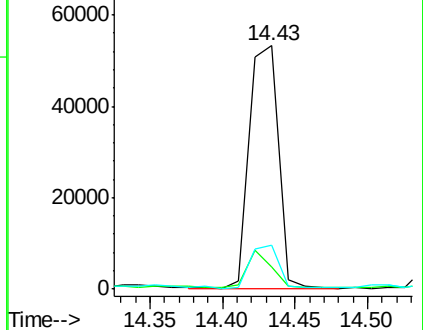
203 18.1 0.0 38.4

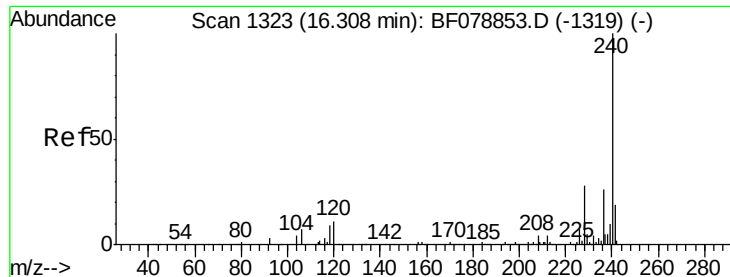


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

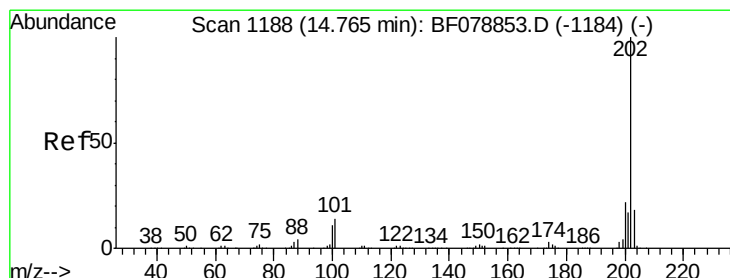
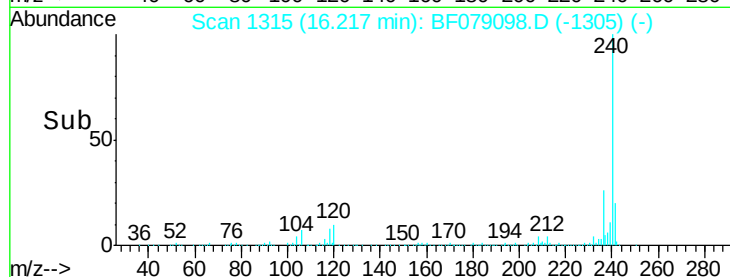
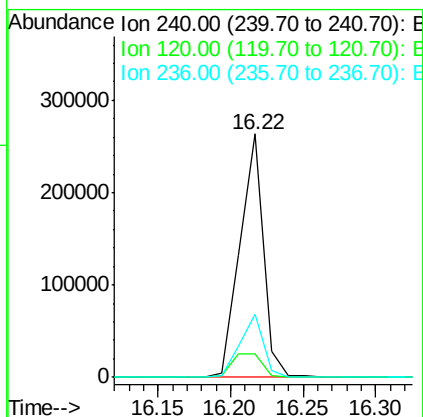
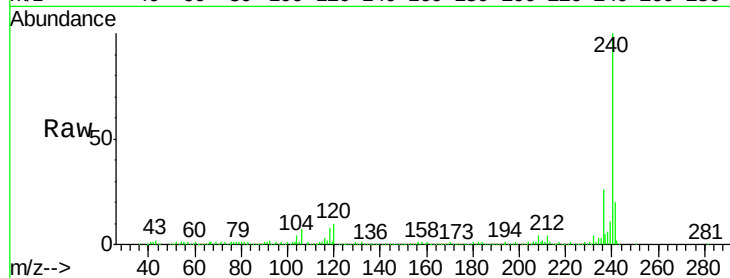




#75  
Chrysene-d12  
Concen: 20.00 ng  
RT: 16.22 min Scan# 1315  
Delta R.T. 0.01 min  
Lab File: BF079098.D  
Acq: 9 May 2015 23:45

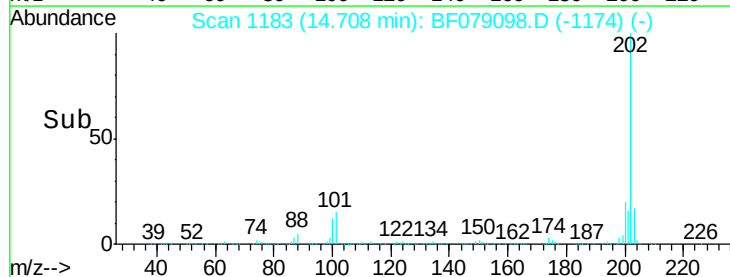
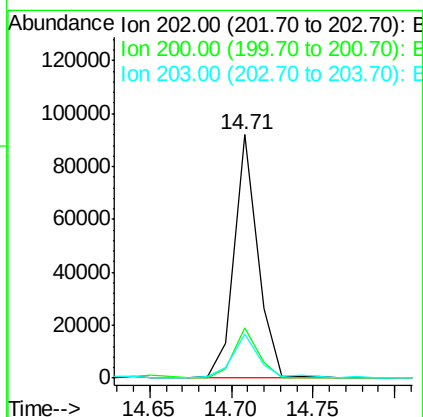
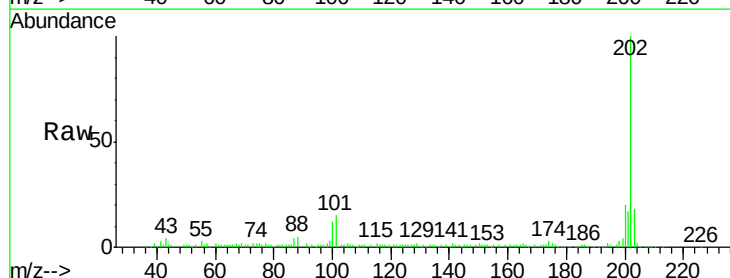
Instrument :  
BNA\_F  
ClientSampleId :  
DBMW-02

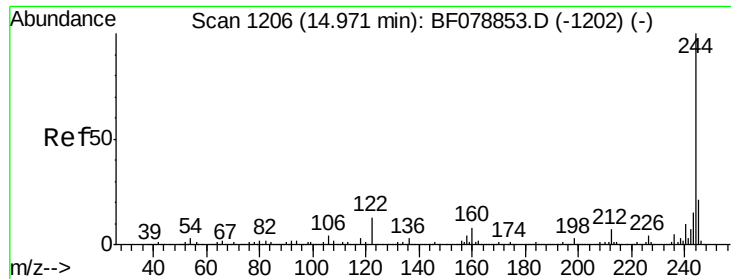
Tgt Ion:240 Resp: 297464  
Ion Ratio Lower Upper  
240 100  
120 9.8 9.7 14.5  
236 26.1 20.2 30.4



#77  
Pyrene  
Concen: 5.37 ng  
RT: 14.71 min Scan# 1183  
Delta R.T. -0.00 min  
Lab File: BF079098.D  
Acq: 9 May 2015 23:45

Tgt Ion:202 Resp: 92074  
Ion Ratio Lower Upper  
202 100  
200 20.5 17.5 26.3  
203 18.1 13.9 20.9

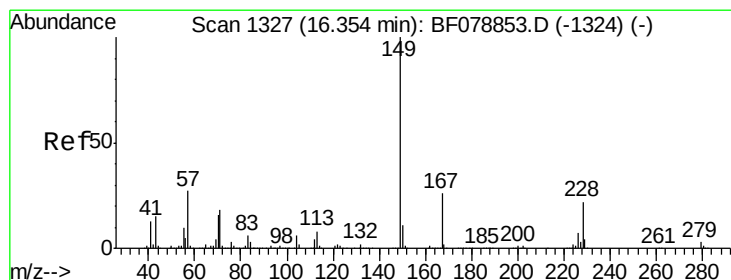
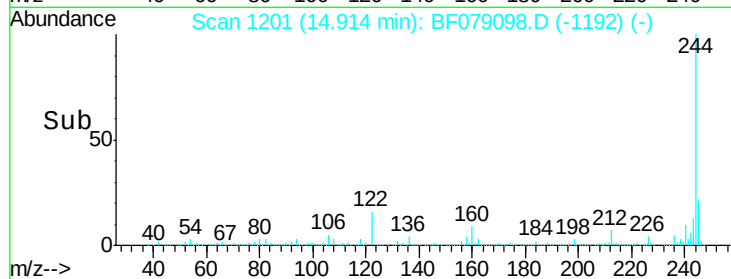
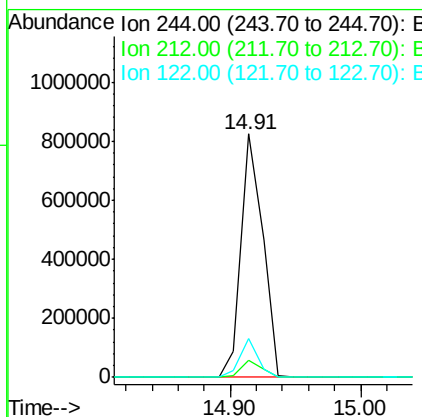
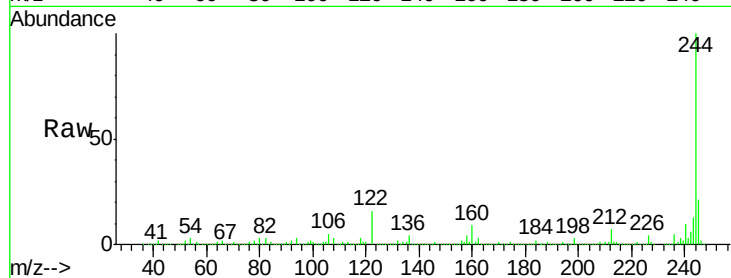




#78  
 Terphenyl-d14  
 Concen: 76.65 ng  
 RT: 14.91 min Scan# 1201  
 Delta R.T. -0.00 min  
 Lab File: BF079098.D  
 Acq: 9 May 2015 23:45

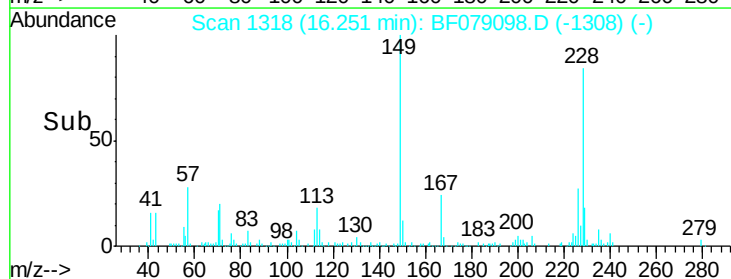
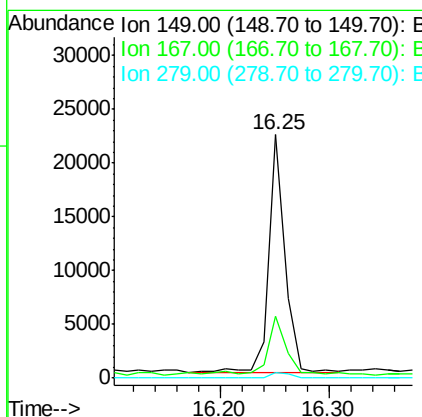
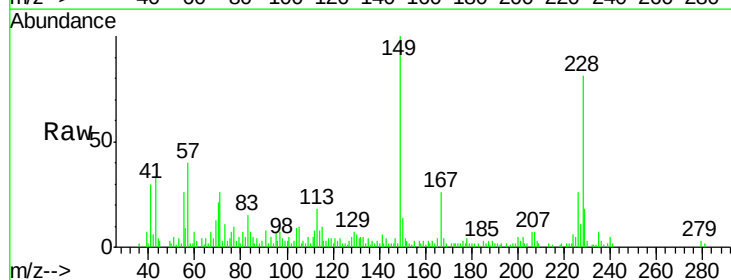
Instrument :  
 BNA\_F  
 ClientSampleId :  
 DBMW-02

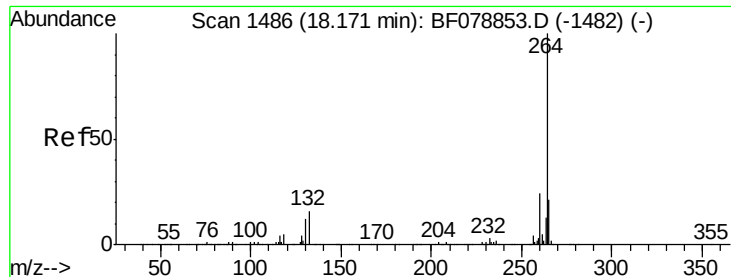
Tgt Ion: 244 Resp: 952395  
 Ion Ratio Lower Upper  
 244 100  
 212 7.1 5.6 8.4  
 122 15.7 10.3 15.5#



#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 2.01 ng  
 RT: 16.25 min Scan# 1318  
 Delta R.T. 0.01 min  
 Lab File: BF079098.D  
 Acq: 9 May 2015 23:45

Tgt Ion: 149 Resp: 22830  
 Ion Ratio Lower Upper  
 149 100  
 167 25.6 21.8 32.8  
 279 2.5 2.9 4.3#





#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 17.97 min Scan# 1468  
Delta R.T. 0.05 min  
Lab File: BF079098.D  
Acq: 9 May 2015 23:45

Instrument :  
BNA\_F  
ClientSampleId :  
DBMW-02

Tgt Ion: 264 Resp: 301092  
Ion Ratio Lower Upper  
264 100  
260 24.3 19.4 29.2  
265 22.0 18.3 27.5

