

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF040915\  
 Data File : BF078366.D  
 Acq On : 9 Apr 2015 18:52  
 Operator : TP/IZ  
 Sample : G1782-06  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB11

Quant Time: Apr 10 01:16:43 2015  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF040115.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Apr 10 00:58:40 2015  
 Response via : Initial Calibration

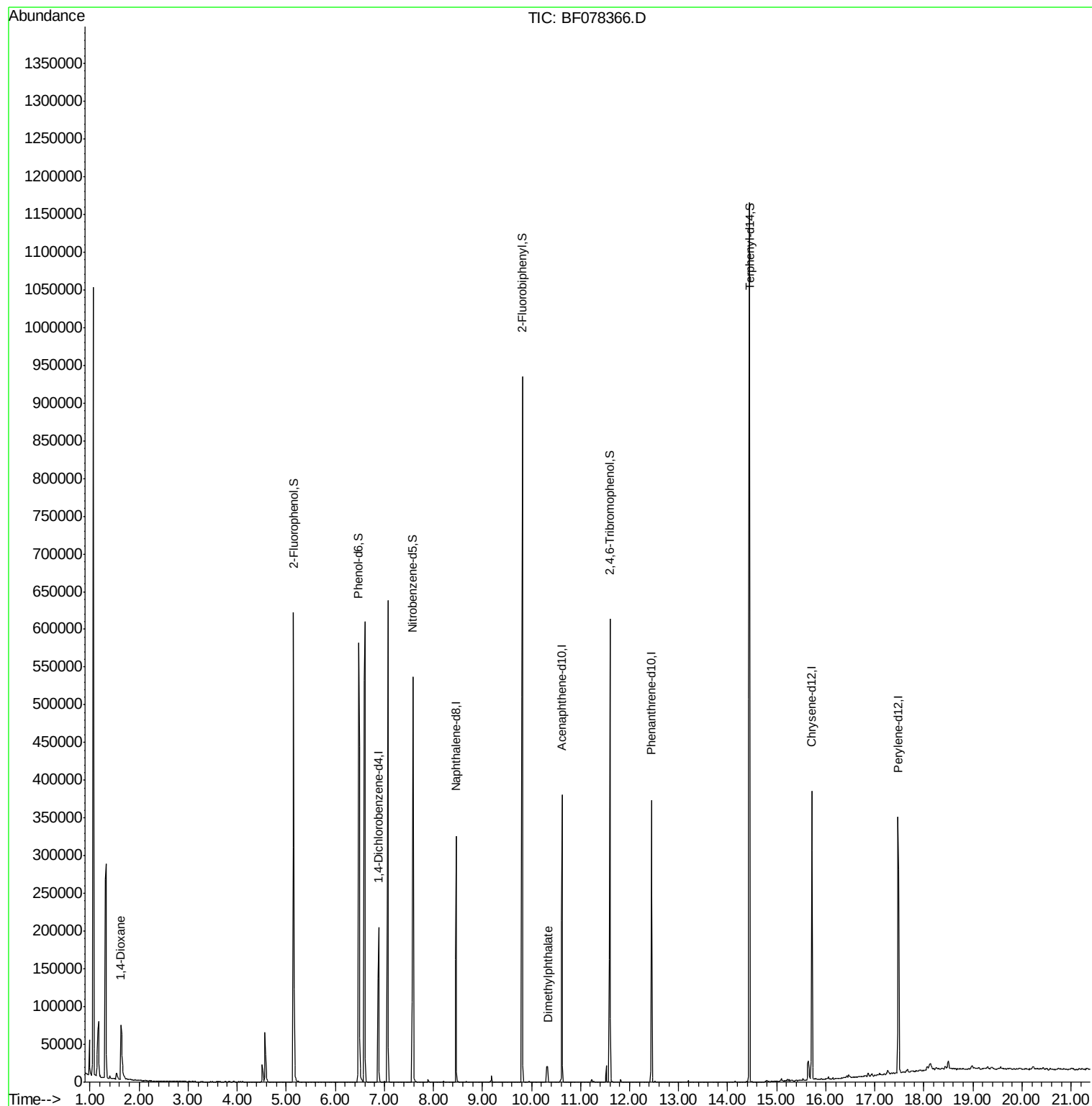
| Internal Standards          | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.89  | 152  | 43608    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.46  | 136  | 179229   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10        | 10.62 | 164  | 92845    | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10        | 12.44 | 188  | 183959   | 20.00 | ng    | -0.01    |
| 75) Chrysene-d12            | 15.71 | 240  | 195366   | 20.00 | ng    | -0.01    |
| 86) Perylene-d12            | 17.47 | 264  | 183710   | 20.00 | ng    | -0.01    |
| System Monitoring Compounds |       |      |          |       |       |          |
| 5) 2-Fluorophenol           | 5.15  | 112  | 230405   | 87.11 | ng    | 0.00     |
| 7) Phenol-d6                | 6.48  | 99   | 290633   | 87.68 | ng    | -0.01    |
| 23) Nitrobenzene-d5         | 7.58  | 82   | 170447   | 57.64 | ng    | 0.00     |
| 41) 2,4,6-Tribromophenol    | 11.60 | 330  | 71350    | 92.66 | ng    | -0.01    |
| 44) 2-Fluorobiphenyl        | 9.81  | 172  | 366579   | 56.44 | ng    | 0.00     |
| 78) Terphenyl-d14           | 14.44 | 244  | 440261   | 50.92 | ng    | 0.00     |
| Target Compounds            |       |      |          |       |       |          |
| 2) 1,4-Dioxane              | 1.63  | 88   | 3605     | 3.01  | ng    | # 23     |
| 49) Dimethylphthalate       | 10.33 | 163  | 15500    | 2.22  | ng    | # 97     |

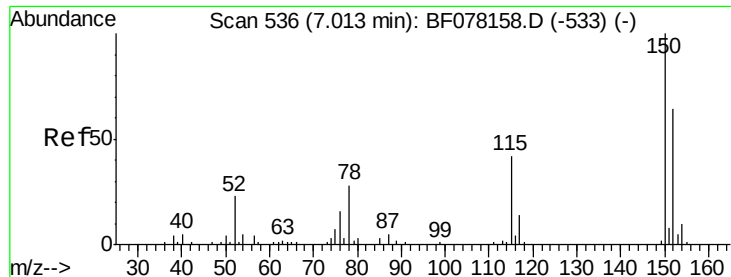
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.89 min Scan# 525

Delta R.T. 0.00 min

Lab File: BF078366.D

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ClientSampleId :

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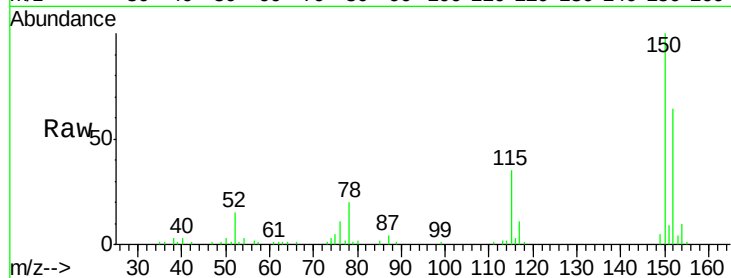
Tgt Ion:152 Resp: 43608

Ion Ratio Lower Upper

152 100

150 155.4 125.9 188.9

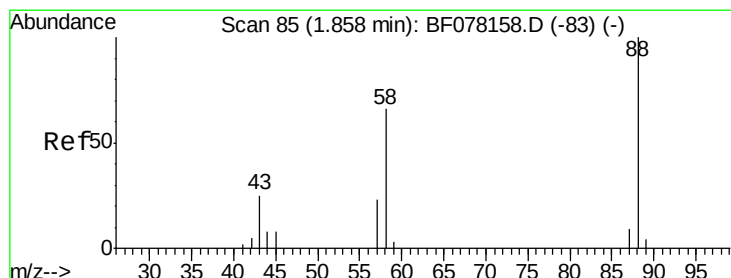
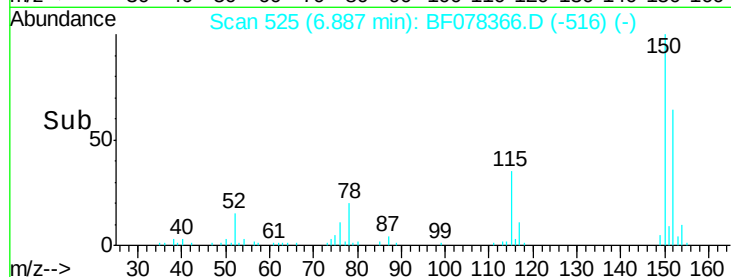
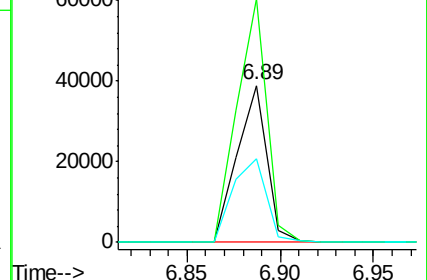
115 53.6 52.7 79.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 3.01 ng

RT: 1.63 min Scan# 65

Delta R.T. -0.06 min

Lab File: BF078366.D

Acq: 9 Apr 2015 18:52

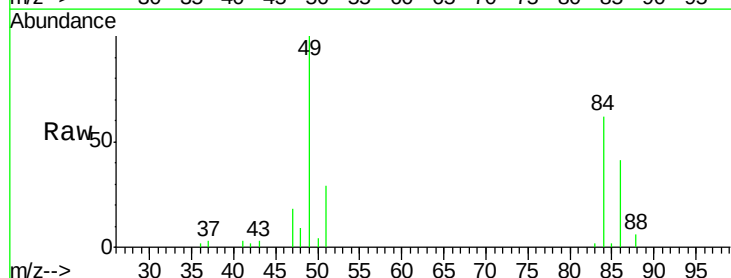
Tgt Ion: 88 Resp: 3605

Ion Ratio Lower Upper

88 100

58 0.0 56.9 85.3#

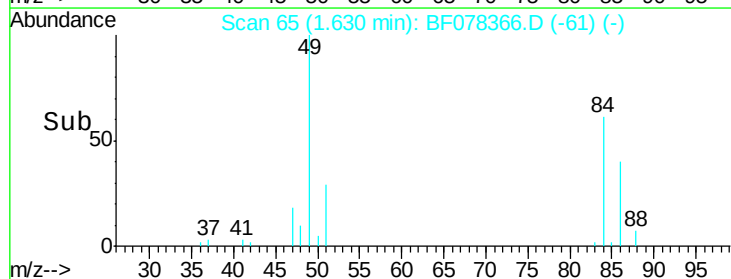
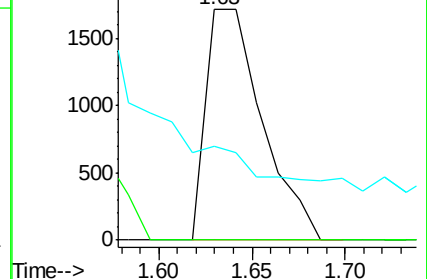
43 0.0 21.4 32.2#

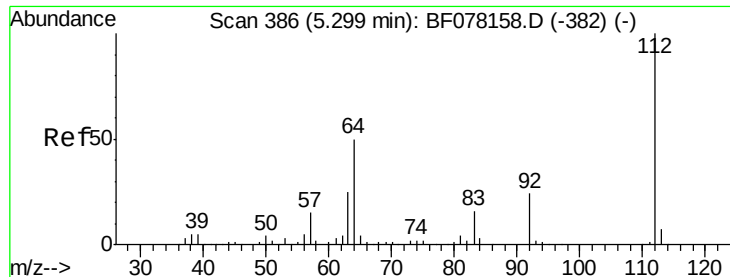


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 87.11 ng

RT: 5.15 min Scan# 373

Delta R.T. 0.00 min

Lab File: BF078366.D

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BNA\_F

ClientSampleId :

SB11

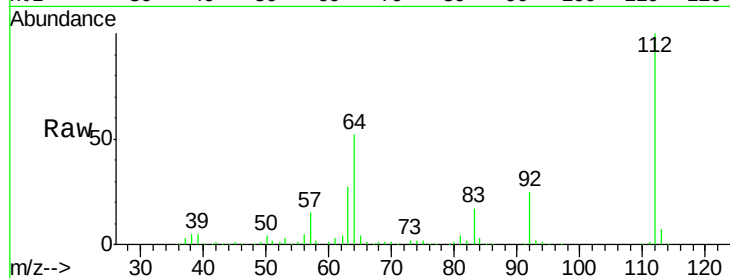
Tgt Ion: 112 Resp: 230405

Ion Ratio Lower Upper

112 100

64 51.5 39.9 59.9

63 26.9 20.2 30.4



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

250000

200000

150000

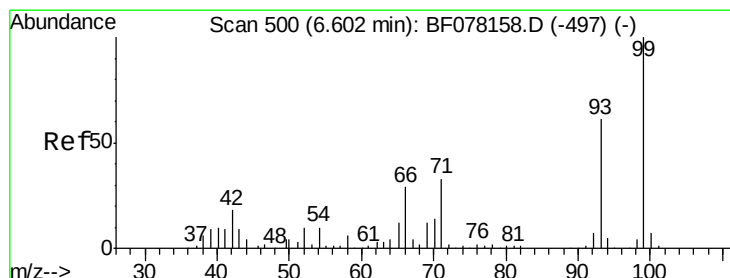
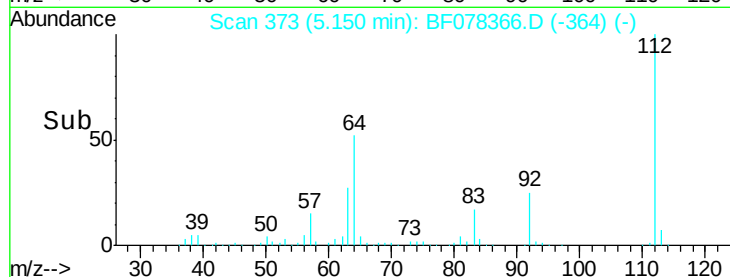
100000

50000

0

5.10 5.15 5.20

Time-->



#7

Phenol-d6

Concen: 87.68 ng

RT: 6.48 min Scan# 489

Delta R.T. -0.01 min

Lab File: BF078366.D

Acq: 9 Apr 2015 18:52

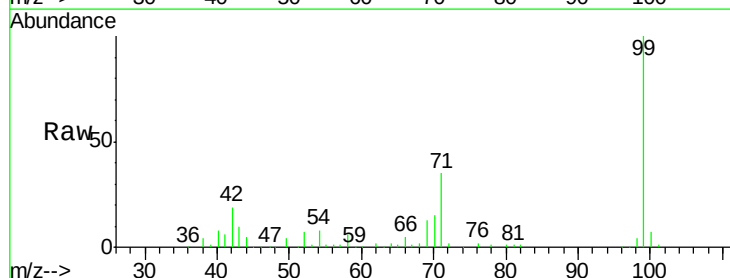
Tgt Ion: 99 Resp: 290633

Ion Ratio Lower Upper

99 100

42 19.2 14.8 22.2

71 34.6 26.6 39.8



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

250000

200000

150000

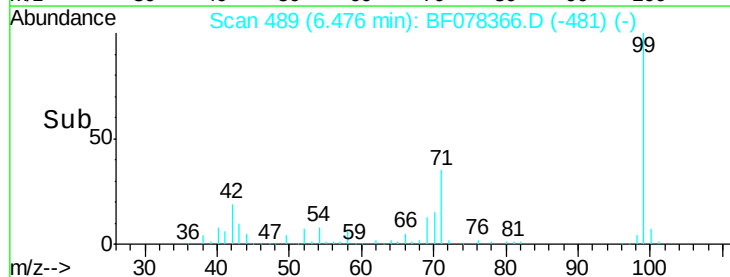
100000

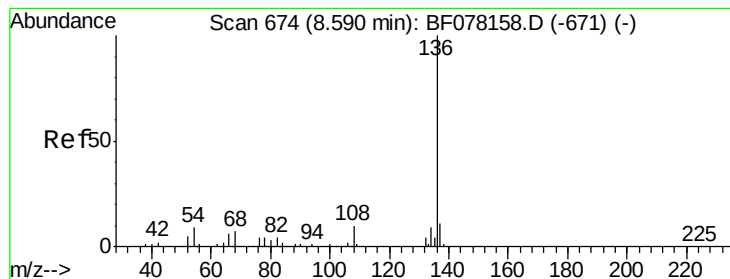
50000

0

6.40 6.45 6.50 6.55

Time-->





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.46 min Scan# 663

Delta R.T. 0.00 min

Lab File: BF078366.D

Acq: 9 Apr 2015 18:52

Instrument :

BNA\_F

ClientSampleId :

SB11

Tgt Ion: 136 Resp: 179229

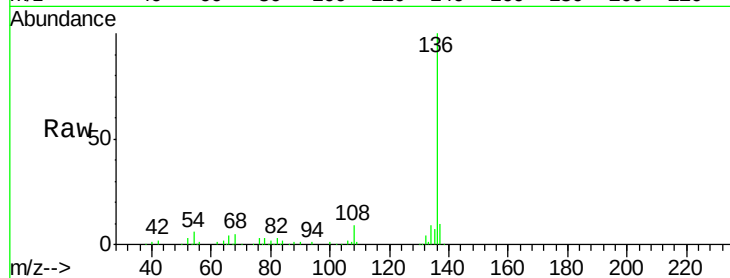
Ion Ratio Lower Upper

136 100

137 10.3 9.0 13.4

54 5.8 7.0 10.6#

68 4.5 5.4 8.2#

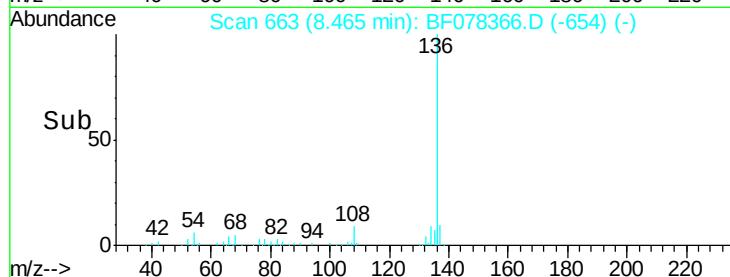


Abundance Ion 136.00 (135.70 to 136.70): E

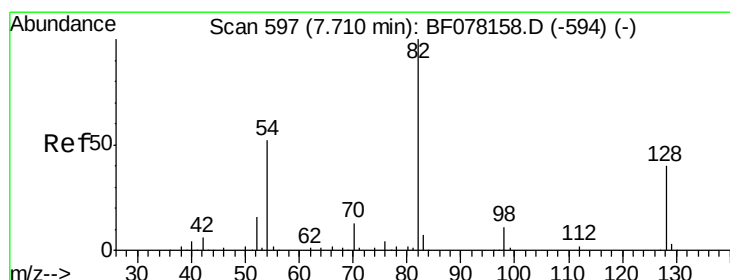
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#23

Nitrobenzene-d5

Concen: 57.64 ng

RT: 7.58 min Scan# 586

Delta R.T. 0.00 min

Lab File: BF078366.D

Acq: 9 Apr 2015 18:52

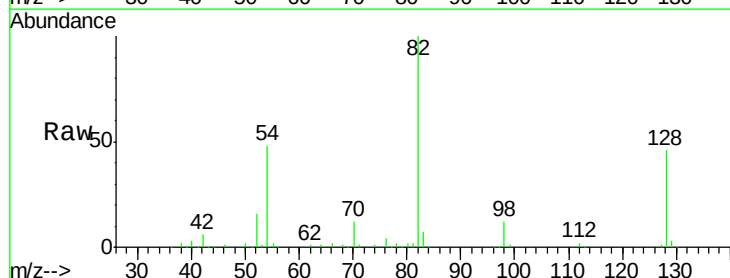
Tgt Ion: 82 Resp: 170447

Ion Ratio Lower Upper

82 100

128 46.4 31.8 47.8

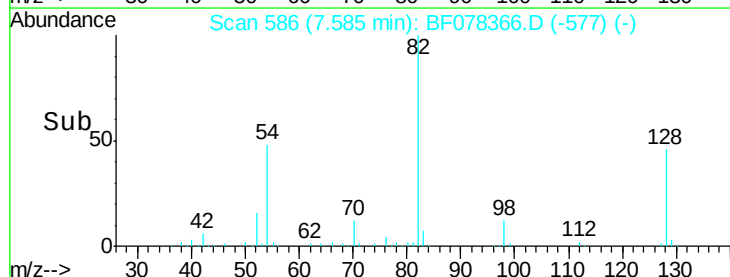
54 47.7 41.5 62.3



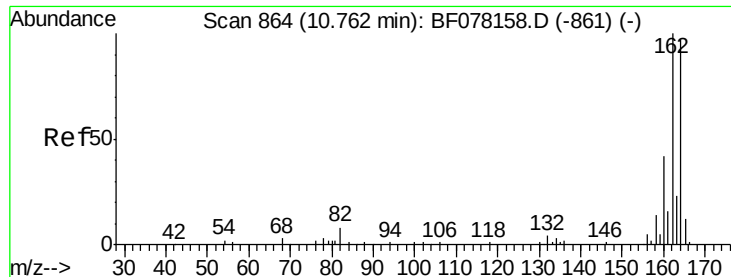
Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



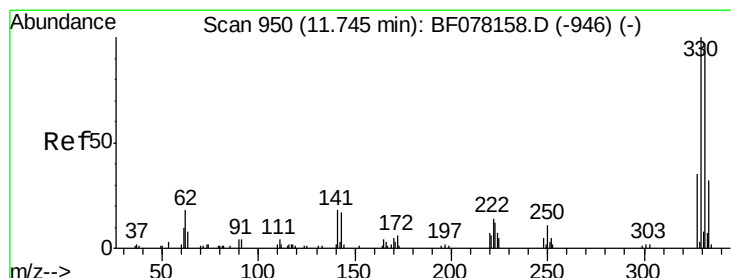
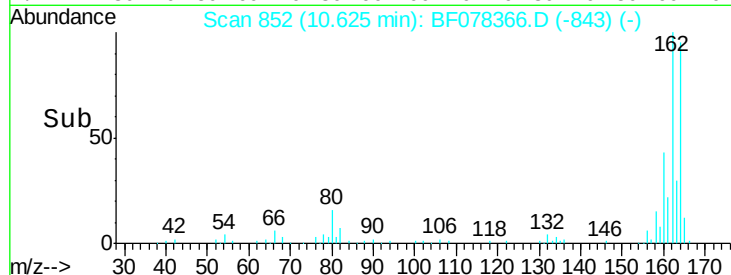
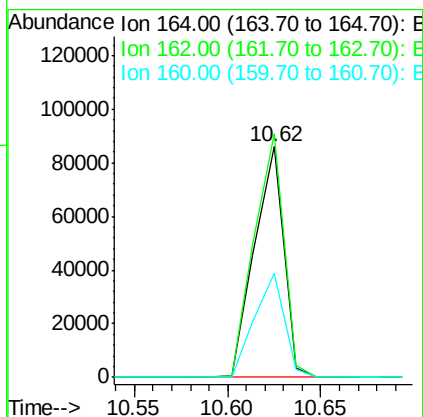
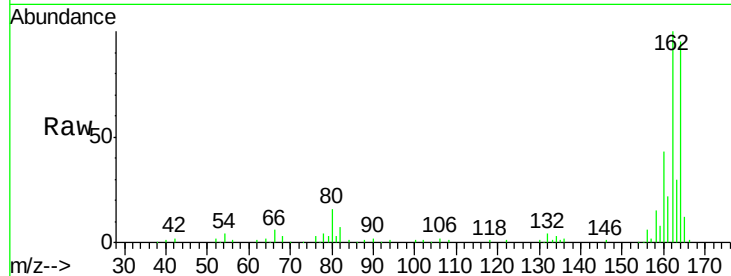
Time-->



#38  
 Acenaphthene-d10  
 Concen: 20.00 ng  
 RT: 10.62 min Scan# 852  
 Delta R.T. 0.00 min  
 Lab File: BF078366.D  
 Acq: 9 Apr 2015 18:52

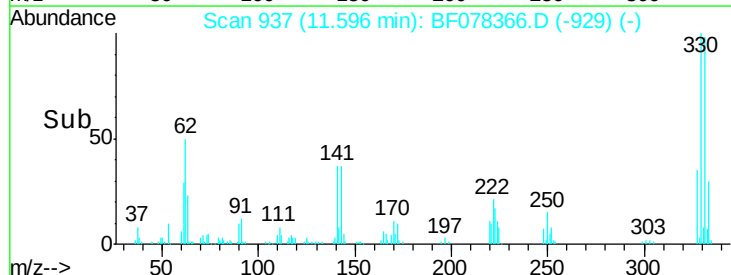
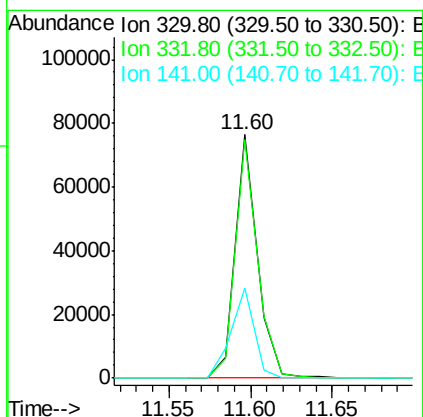
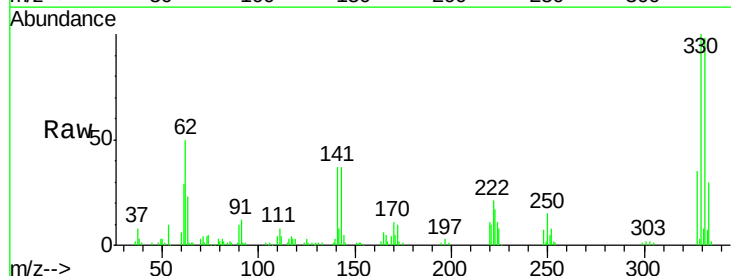
Instrument :  
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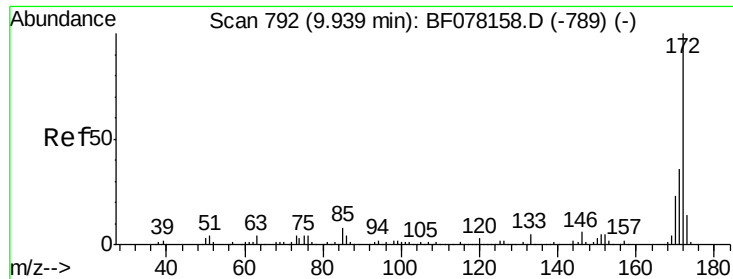
Tgt Ion:164 Resp: 92845  
 Ion Ratio Lower Upper  
 164 100  
 162 105.7 82.2 123.2  
 160 45.4 34.7 52.1



#41  
 2,4,6-Tribromophenol  
 Concen: 92.66 ng  
 RT: 11.60 min Scan# 937  
 Delta R.T. -0.01 min  
 Lab File: BF078366.D  
 Acq: 9 Apr 2015 18:52

Tgt Ion:330 Resp: 71350  
 Ion Ratio Lower Upper  
 330 100  
 332 98.4 78.6 117.8  
 141 39.1 31.2 46.8

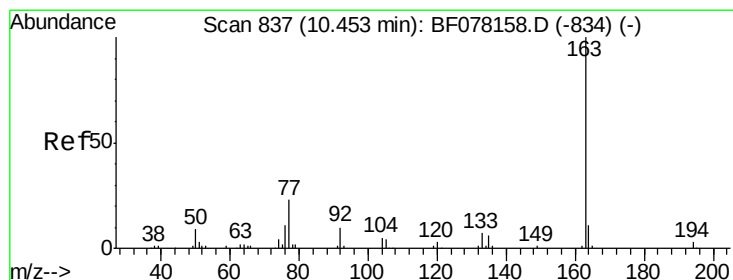
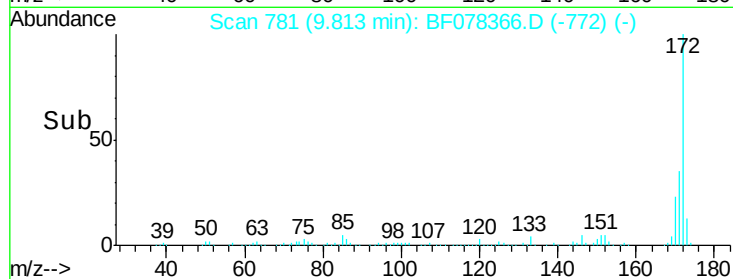
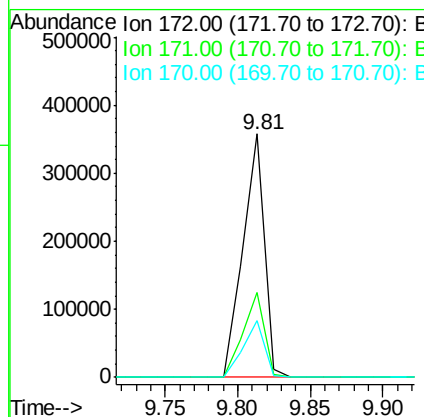
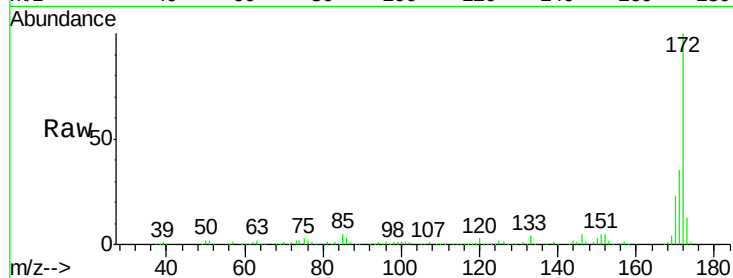




#44  
 2-Fluorobiphenyl  
 Concen: 56.44 ng  
 RT: 9.81 min Scan# 781  
 Delta R.T. 0.00 min  
 Lab File: BF078366.D  
 Acq: 9 Apr 2015 18:52

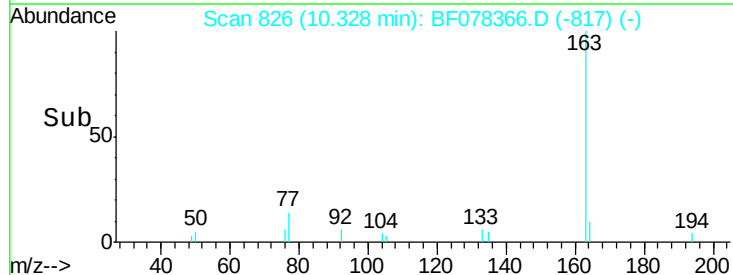
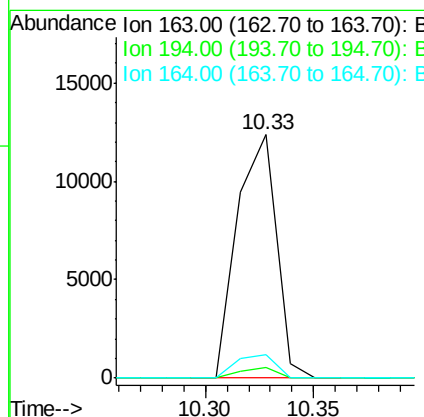
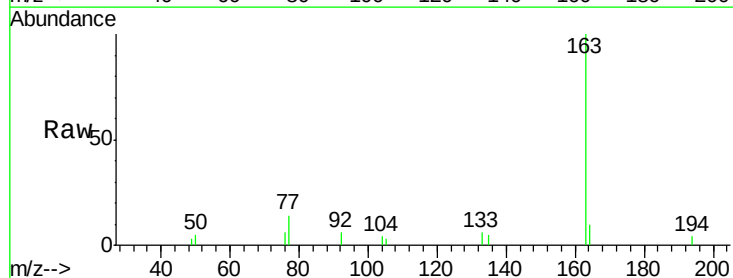
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB11

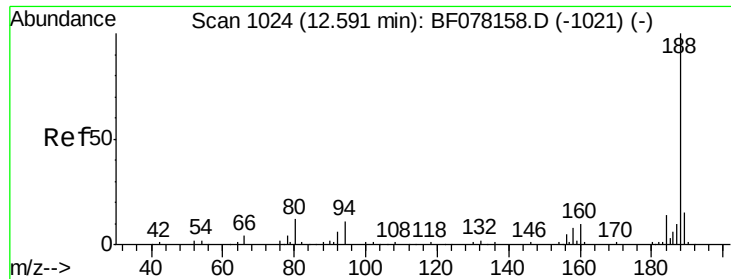
Tgt Ion:172 Resp: 366579  
 Ion Ratio Lower Upper  
 172 100  
 171 34.9 28.6 42.8  
 170 23.3 18.5 27.7



#49  
 Dimethylphthalate  
 Concen: 2.22 ng  
 RT: 10.33 min Scan# 826  
 Delta R.T. 0.00 min  
 Lab File: BF078366.D  
 Acq: 9 Apr 2015 18:52

Tgt Ion:163 Resp: 15500  
 Ion Ratio Lower Upper  
 163 100  
 194 4.3 2.3 3.5#  
 164 9.6 8.6 13.0

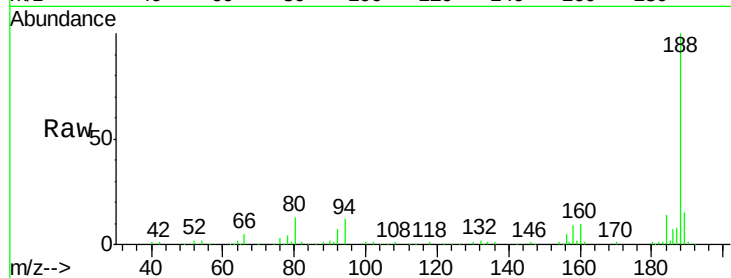




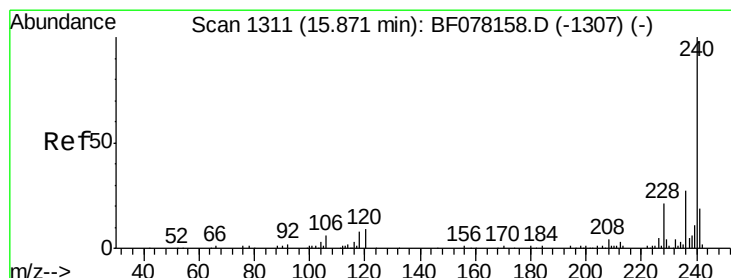
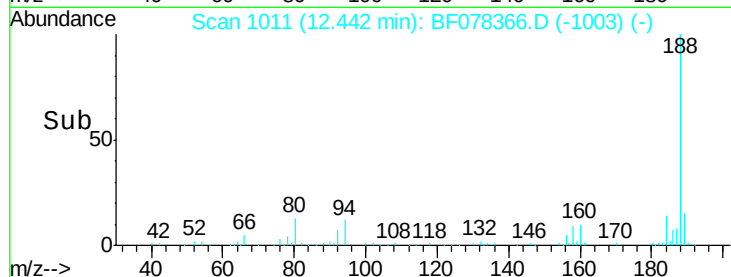
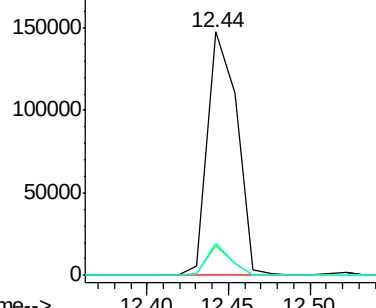
#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 12.44 min Scan# 1011  
Delta R.T. -0.01 min  
Lab File: BF078366.D  
Acq: 9 Apr 2015 18:52

Instrument :  
BNA\_F  
ClientSampleId :  
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Tgt Ion:188 Resp: 183959  
Ion Ratio Lower Upper  
188 100  
94 12.2 9.0 13.4  
80 13.4 9.5 14.3

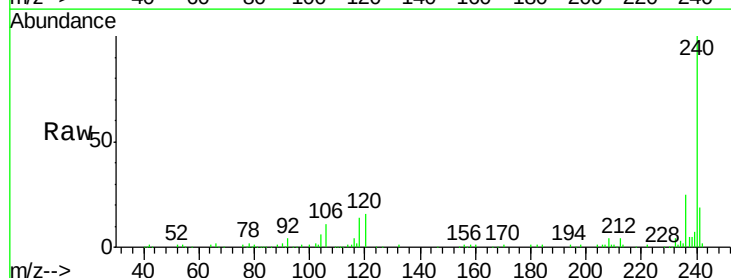


Abundance Ion 188.00 (187.70 to 188.70): E  
Ion 94.00 (93.70 to 94.70): BF0  
Ion 80.00 (79.70 to 80.70): BF0

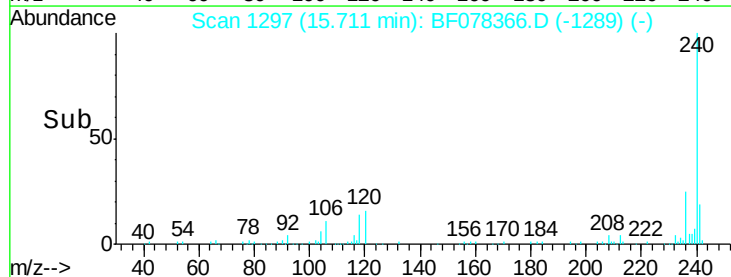
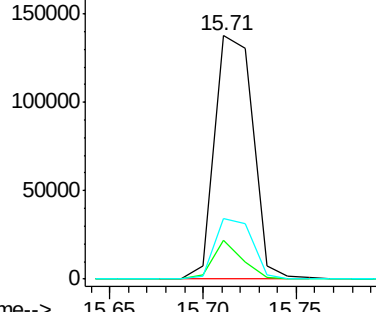


#75  
Chrysene-d12  
Concen: 20.00 ng  
RT: 15.71 min Scan# 1297  
Delta R.T. -0.01 min  
Lab File: BF078366.D  
Acq: 9 Apr 2015 18:52

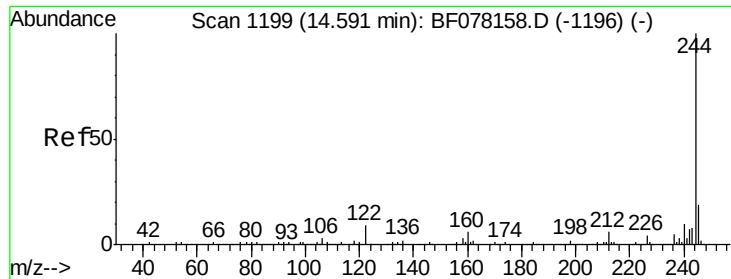
Tgt Ion:240 Resp: 195366  
Ion Ratio Lower Upper  
240 100  
120 15.8 7.1 10.7#  
236 25.1 21.4 32.2



Abundance Ion 240.00 (239.70 to 240.70): E  
Ion 120.00 (119.70 to 120.70): E  
Ion 236.00 (235.70 to 236.70): E



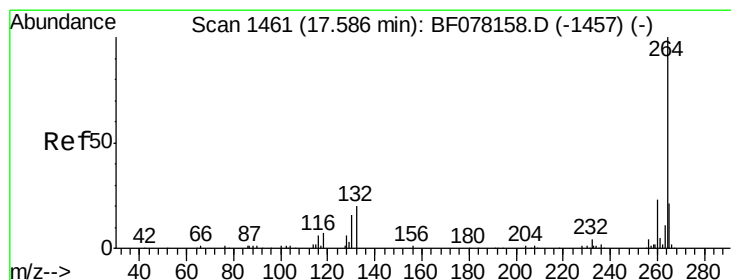
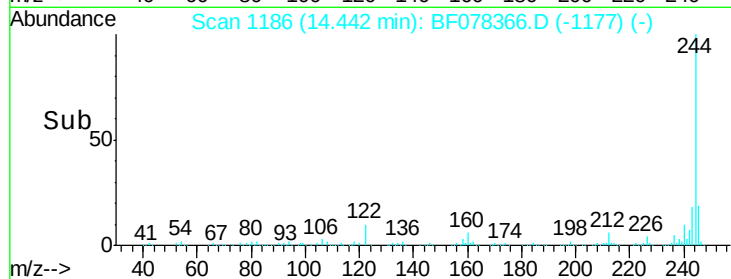
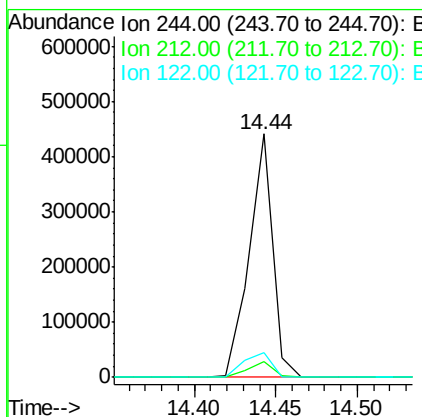
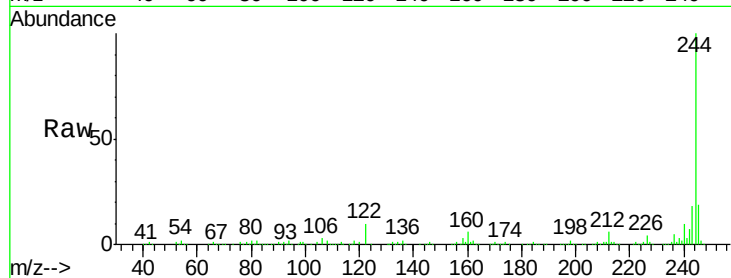




#78  
 Terphenyl-d14  
 Concen: 50.92 ng  
 RT: 14.44 min Scan# 1186  
 Delta R.T. 0.00 min  
 Lab File: BF078366.D  
 Acq: 9 Apr 2015 18:52

Instrument :  
 BNA\_F  
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 SB11

Tgt Ion:244 Resp: 440261  
 Ion Ratio Lower Upper  
 244 100  
 212 6.4 5.0 7.4  
 122 10.0 7.1 10.7



#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 17.47 min Scan# 1451  
 Delta R.T. -0.01 min  
 Lab File: BF078366.D  
 Acq: 9 Apr 2015 18:52

Tgt Ion:264 Resp: 183710  
 Ion Ratio Lower Upper  
 264 100  
 260 23.3 18.6 27.8  
 265 21.6 17.0 25.6

