

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF090816\  
 Data File : BF090042.D  
 Acq On : 8 Sep 2016 23:36  
 Operator : UM/SJ  
 Sample : H4680-14 5X  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 DUP-A-082916

Quant Time: Sep 09 04:39:56 2016  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF083116.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Sep 08 16:07:52 2016  
 Response via : Initial Calibration

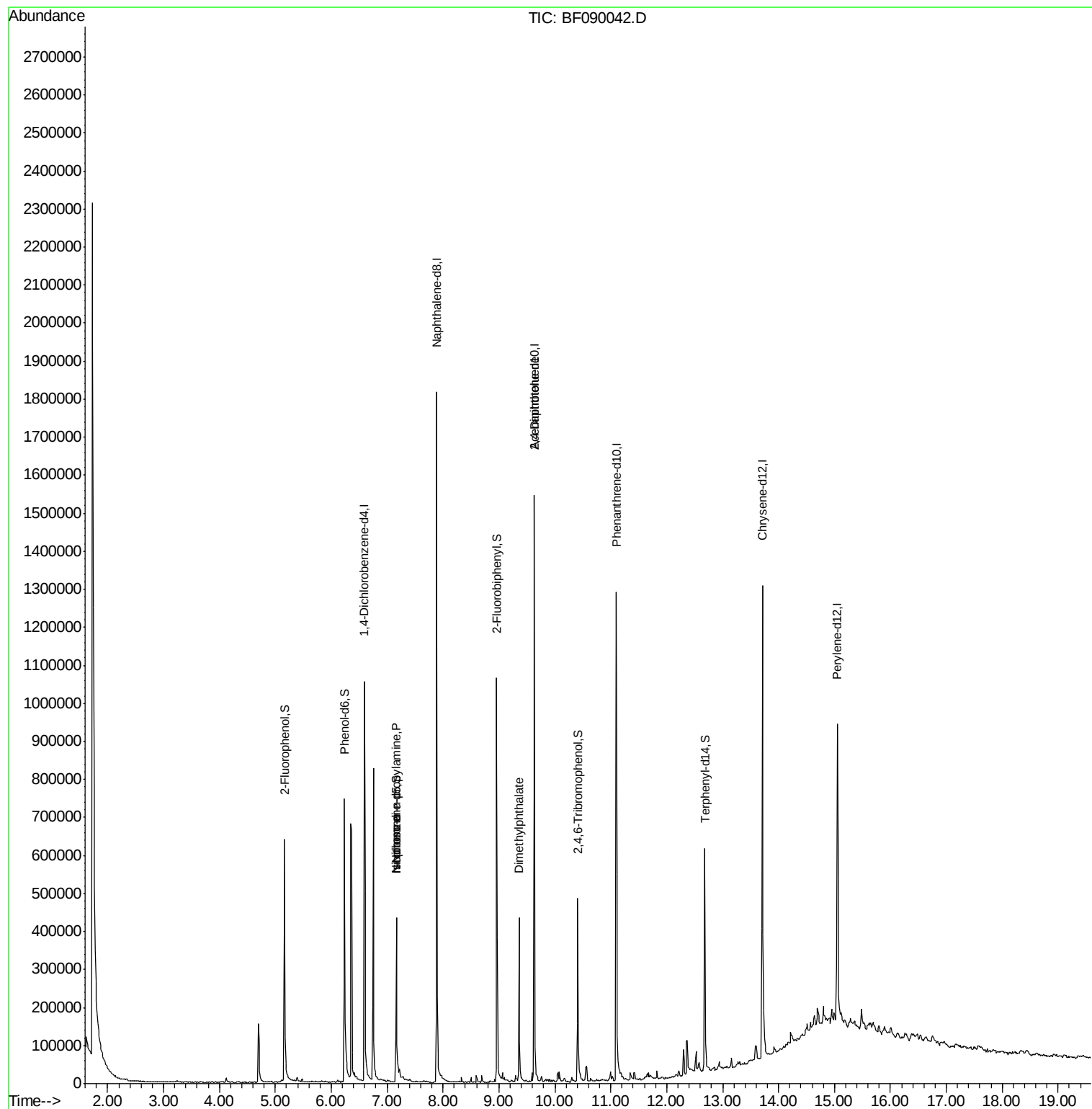
| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4      | 6.59  | 152  | 208008   | 20.00 | ng    | -0.01    |
| 21) Naphthalene-d8             | 7.88  | 136  | 843798   | 20.00 | ng    | -0.01    |
| 38) Acenaphthene-d10           | 9.63  | 164  | 387271   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10           | 11.10 | 188  | 619919   | 20.00 | ng    | -0.01    |
| 75) Chrysene-d12               | 13.71 | 240  | 506549   | 20.00 | ng    | -0.01    |
| 86) Perylene-d12               | 15.05 | 264  | 386142   | 20.00 | ng    | -0.01    |
| System Monitoring Compounds    |       |      |          |       |       |          |
| 5) 2-Fluorophenol              | 5.16  | 112  | 288375   | 22.19 | ng    | 0.00     |
| 7) Phenol-d6                   | 6.24  | 99   | 371716   | 23.54 | ng    | -0.01    |
| 23) Nitrobenzene-d5            | 7.16  | 82   | 201823   | 13.87 | ng    | -0.01    |
| 41) 2,4,6-Tribromophenol       | 10.41 | 330  | 73665    | 19.28 | ng    | -0.01    |
| 44) 2-Fluorobiphenyl           | 8.96  | 172  | 419525   | 17.78 | ng    | -0.01    |
| 78) Terphenyl-d14              | 12.69 | 244  | 308020   | 15.02 | ng    | 0.00     |
| Target Compounds               |       |      |          |       |       |          |
| 19) n-Nitroso-di-n-propylamine | 7.16  | 70   | 25671    | 2.49  | ng    | # 82     |
| 25) Isophorone                 | 7.16  | 82   | 169665   | 5.73  | ng    | # 65     |
| 49) Dimethylphthalate          | 9.36  | 163  | 192663   | 6.88  | ng    | 99       |
| 56) 2,4-Dinitrotoluene         | 9.63  | 165  | 48398    | 6.13  | ng    | # 30     |

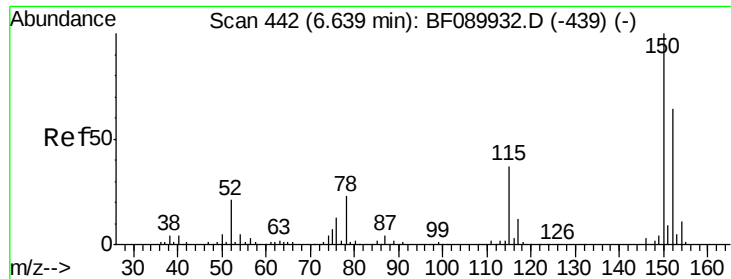
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.59 min Scan# 438

Delta R.T. -0.01 min

Lab File: BF090042.D

Acq: 8 Sep 2016 23:36

Instrument :

BNA\_F

ClientSampleId :

DUP-A-082916

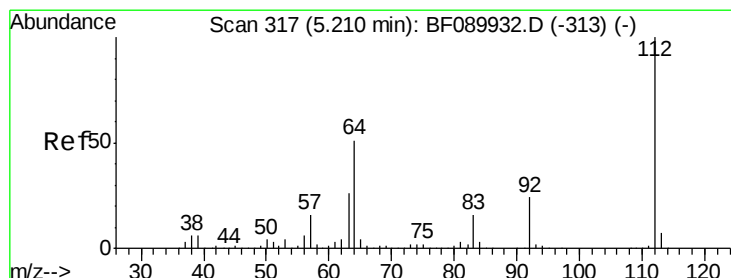
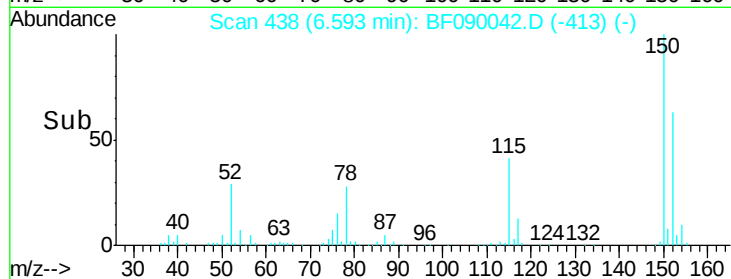
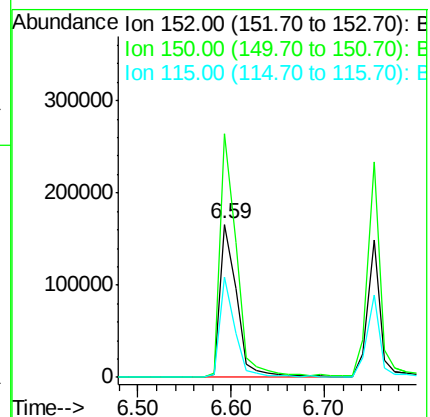
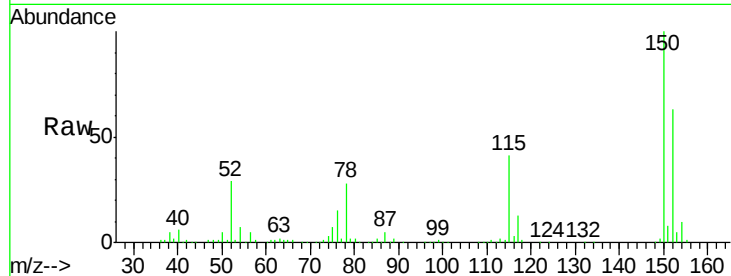
Tgt Ion:152 Resp: 208008

Ion Ratio Lower Upper

152 100

150 159.0 127.4 191.2

115 65.5 46.3 69.5



#5

2-Fluorophenol

Concen: 22.19 ng

RT: 5.16 min Scan# 313

Delta R.T. 0.00 min

Lab File: BF090042.D

Acq: 8 Sep 2016 23:36

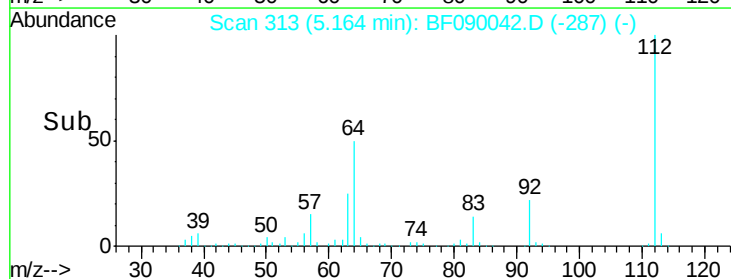
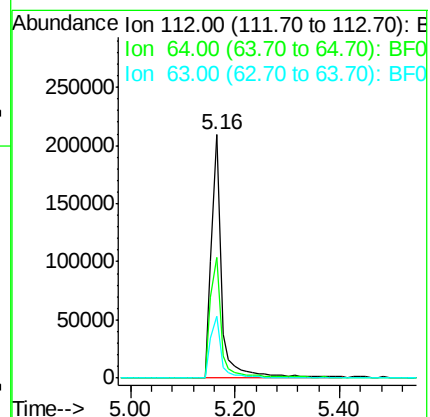
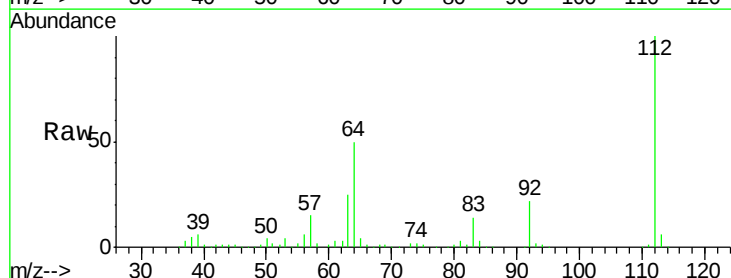
Tgt Ion:112 Resp: 288375

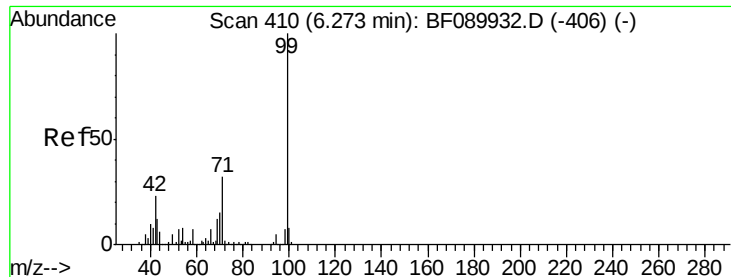
Ion Ratio Lower Upper

112 100

64 49.7 41.1 61.7

63 25.3 21.2 31.8





#7

Phenol-d6

Concen: 23.54 ng

RT: 6.24 min Scan# 407

Delta R.T. -0.01 min

Lab File: BF090042.D

Acq: 8 Sep 2016 23:36

Instrument :

BNA\_F

ClientSampleId :

DUP-A-082916

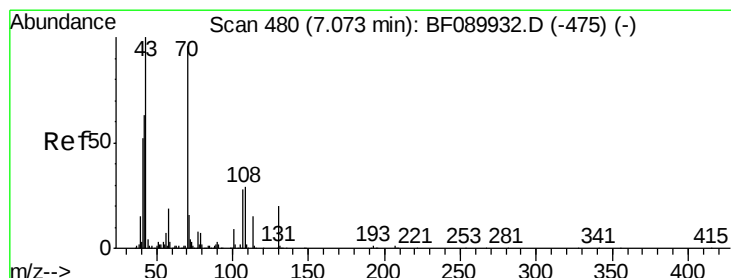
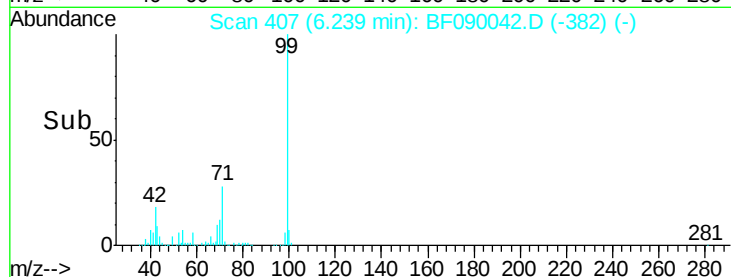
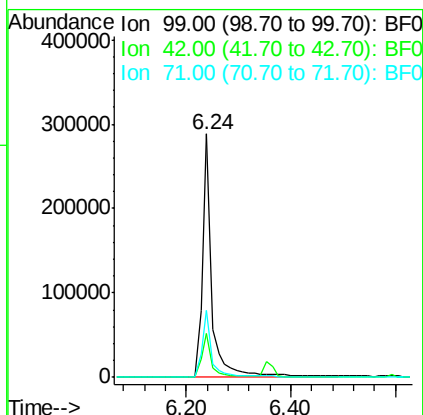
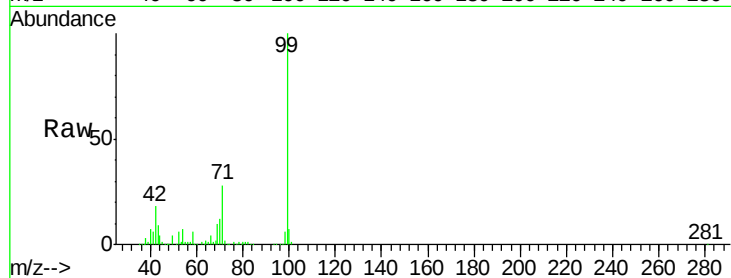
Tgt Ion: 99 Resp: 371716

Ion Ratio Lower Upper

99 100

42 18.0 18.6 27.8#

71 27.6 25.8 38.6



#19

n-Nitroso-di-n-propylamine

Concen: 2.49 ng

RT: 7.16 min Scan# 488

Delta R.T. 0.13 min

Lab File: BF090042.D

Acq: 8 Sep 2016 23:36

Tgt Ion: 70 Resp: 25671

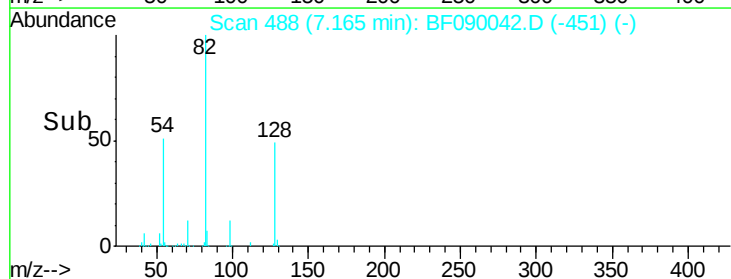
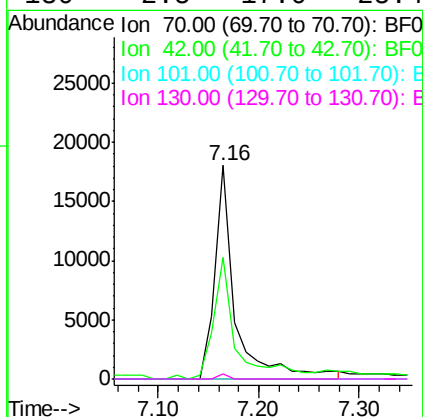
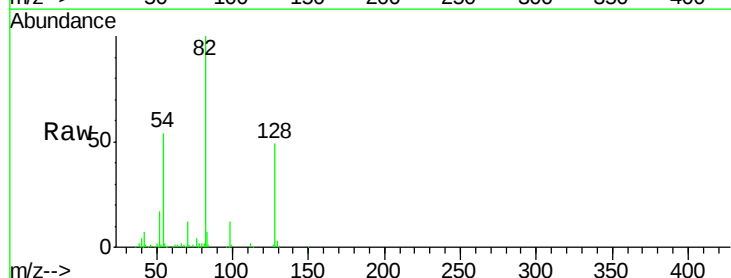
Ion Ratio Lower Upper

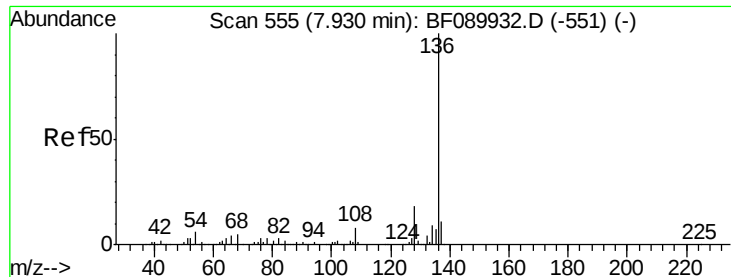
70 100

42 57.2 52.1 78.1

101 0.0 7.4 11.2#

130 2.5 17.0 25.4#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.88 min Scan# 551

Delta R.T. -0.01 min

Lab File: BF090042.D

Acq: 8 Sep 2016 23:36

Instrument :

BNA\_F

ClientSampleId :

DUP-A-082916

Tgt Ion:136 Resp: 843798

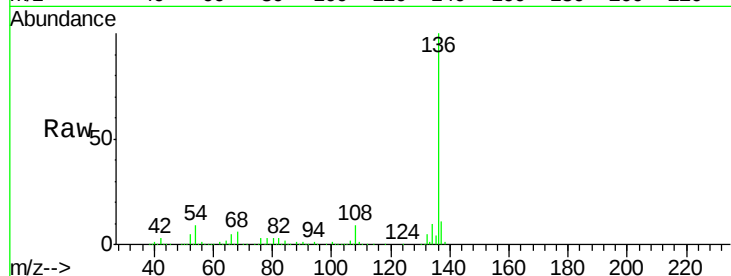
Ion Ratio Lower Upper

136 100

137 11.2 8.3 12.5

54 9.2 4.8 7.2#

68 6.0 3.7 5.5#

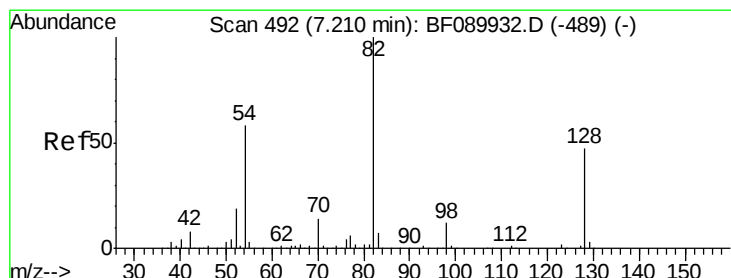
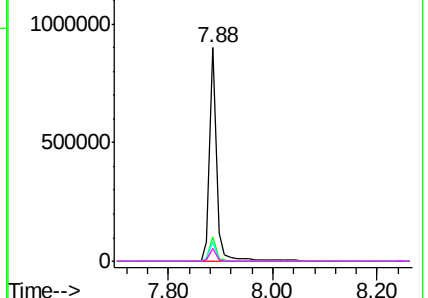
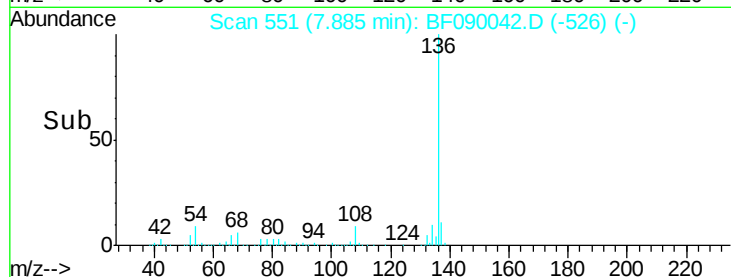


Abundance Ion 136.00 (135.70 to 136.70): E

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



#23

Nitrobenzene-d5

Concen: 13.87 ng

RT: 7.16 min Scan# 488

Delta R.T. -0.01 min

Lab File: BF090042.D

Acq: 8 Sep 2016 23:36

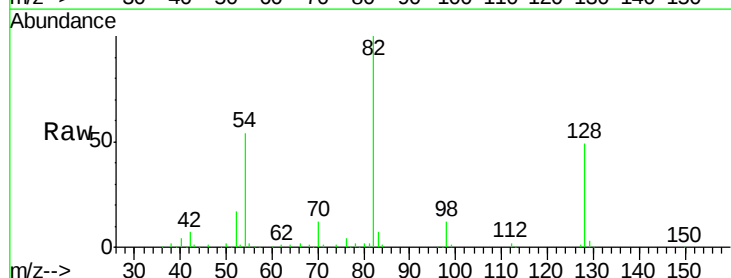
Tgt Ion: 82 Resp: 201823

Ion Ratio Lower Upper

82 100

128 48.9 37.8 56.8

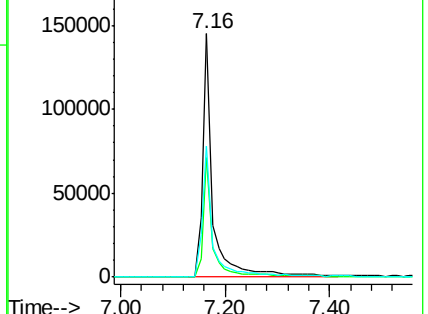
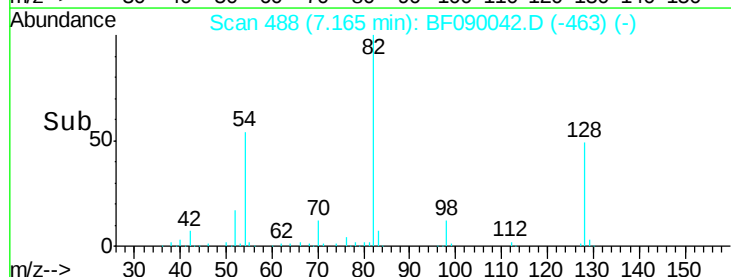
54 53.6 46.9 70.3

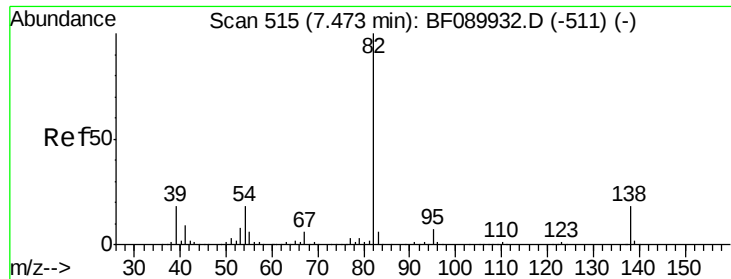


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 5.73 ng

RT: 7.16 min Scan# 488

Delta R.T. -0.27 min

Lab File: BF090042.D

Acq: 8 Sep 2016 23:36

Instrument :

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ClientSampleId :

DUP-A-082916

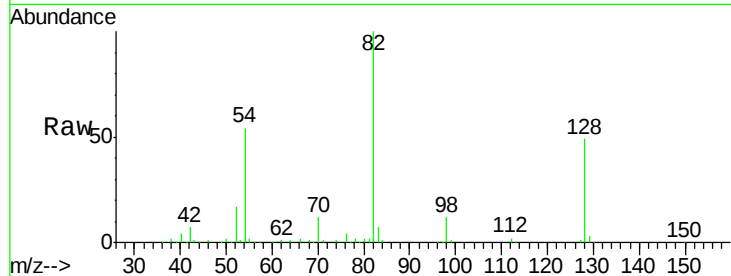
Tgt Ion: 82 Resp: 169665

Ion Ratio Lower Upper

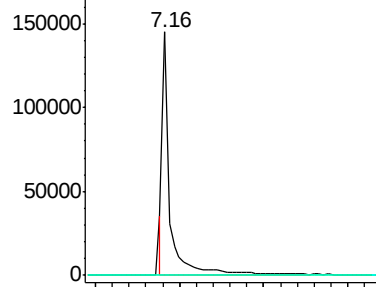
82 100

95 0.0 5.5 8.3#

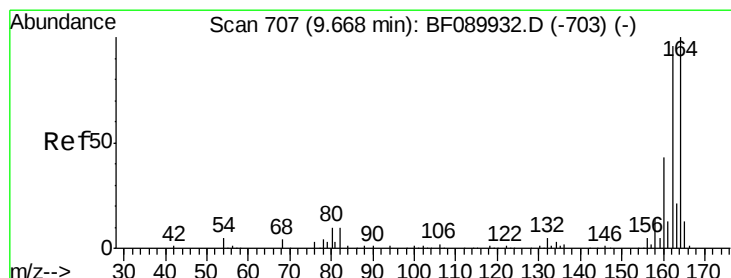
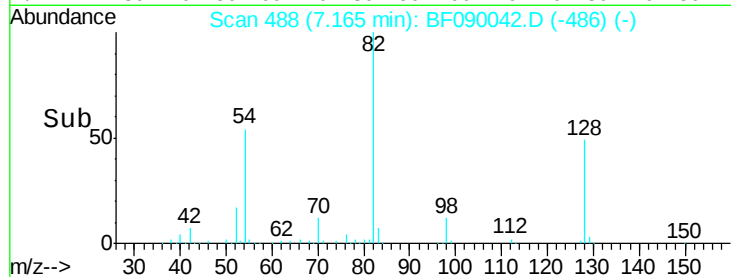
138 0.0 14.4 21.6#



Abundance Ion 82.00 (81.70 to 82.70): BF0  
Ion 95.00 (94.70 to 95.70): BF0  
Ion 138.00 (137.70 to 138.70): E



Time-->



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.63 min Scan# 704

Delta R.T. 0.00 min

Lab File: BF090042.D

Acq: 8 Sep 2016 23:36

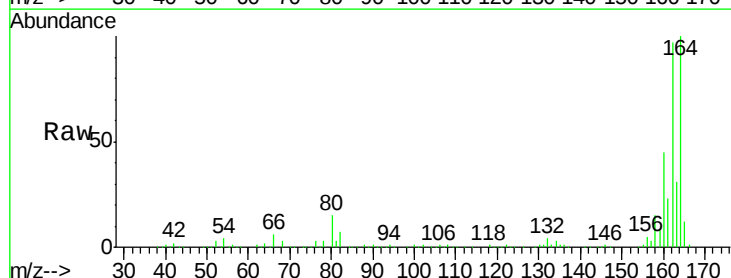
Tgt Ion: 164 Resp: 387271

Ion Ratio Lower Upper

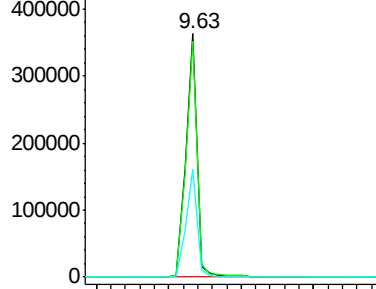
164 100

162 96.8 77.1 115.7

160 44.6 35.3 52.9



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



Time-->

