

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF041315\  
 Data File : BF078462.D  
 Acq On : 13 Apr 2015 16:13  
 Operator : TP/IZ  
 Sample : G1787-13  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 LS-SD06A

Quant Time: Apr 14 01:27:53 2015  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF040115.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Apr 14 01:02:55 2015  
 Response via : Initial Calibration

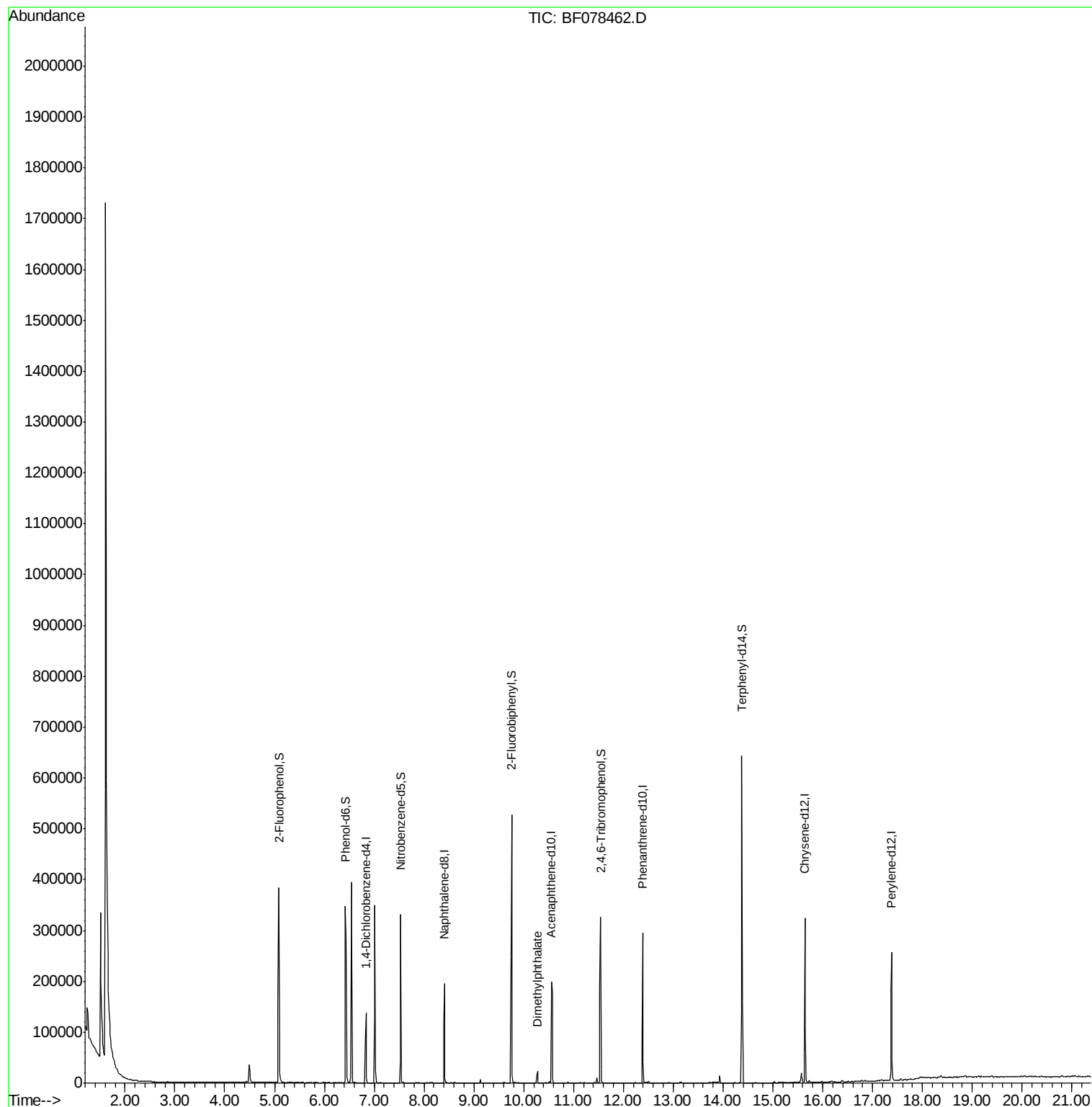
| Internal Standards          | R.T.  | QIon | Response | Conc  | Units | Dev(Min)       |
|-----------------------------|-------|------|----------|-------|-------|----------------|
| 1) 1,4-Dichlorobenzene-d4   | 6.83  | 152  | 28646    | 20.00 | ng    | 0.00           |
| 21) Naphthalene-d8          | 8.41  | 136  | 115831   | 20.00 | ng    | 0.00           |
| 38) Acenaphthene-d10        | 10.56 | 164  | 58479    | 20.00 | ng    | -0.01          |
| 63) Phenanthrene-d10        | 12.39 | 188  | 118023   | 20.00 | ng    | 0.00           |
| 75) Chrysene-d12            | 15.65 | 240  | 135010   | 20.00 | ng    | -0.01          |
| 86) Perylene-d12            | 17.38 | 264  | 131244   | 20.00 | ng    | -0.01          |
| System Monitoring Compounds |       |      |          |       |       |                |
| 5) 2-Fluorophenol           | 5.08  | 112  | 143823   | 82.78 | ng    | 0.00           |
| 7) Phenol-d6                | 6.42  | 99   | 179249   | 82.32 | ng    | -0.01          |
| 23) Nitrobenzene-d5         | 7.53  | 82   | 103759   | 54.30 | ng    | -0.01          |
| 41) 2,4,6-Tribromophenol    | 11.54 | 330  | 45601    | 94.02 | ng    | 0.00           |
| 44) 2-Fluorobiphenyl        | 9.76  | 172  | 195639   | 47.82 | ng    | 0.00           |
| 78) Terphenyl-d14           | 14.38 | 244  | 238198   | 39.87 | ng    | -0.01          |
| Target Compounds            |       |      |          |       |       |                |
| 49) Dimethylphthalate       | 10.27 | 163  | 14501    | 3.30  | ng    | Qvalue<br># 98 |

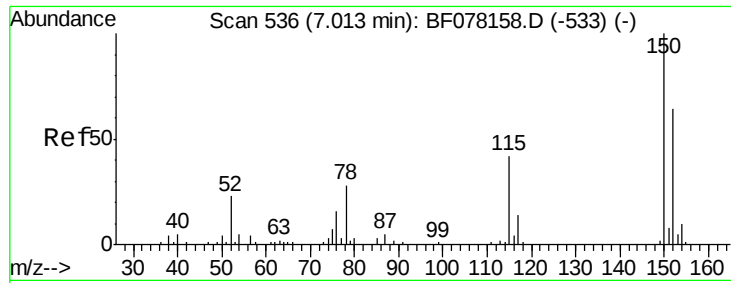
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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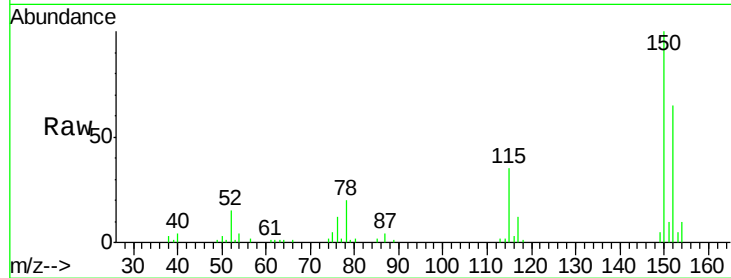


#1

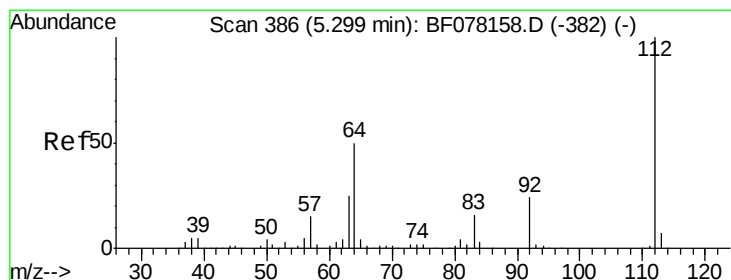
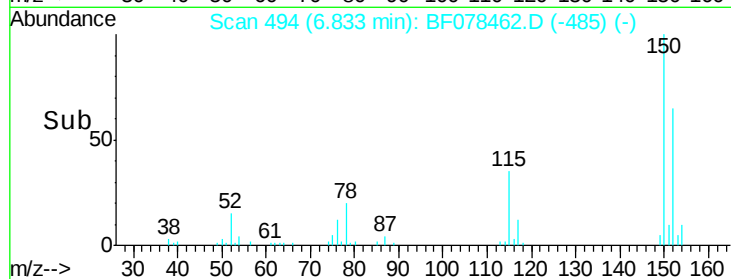
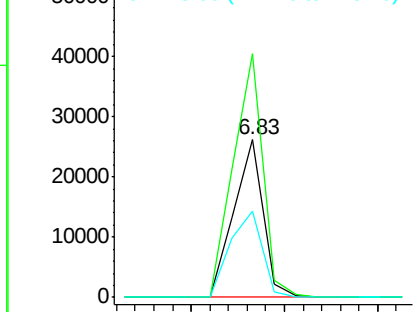
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 6.83 min Scan# 494  
Delta R.T. 0.00 min  
Lab File: BF078462.D  
Acq: 13 Apr 2015 16:13

Instrument :  
BNA\_F  
ClientSampleId :  
LS-SD06A

Tgt Ion:152 Resp: 28646  
Ion Ratio Lower Upper  
152 100  
150 154.7 125.9 188.9  
115 54.6 52.7 79.1



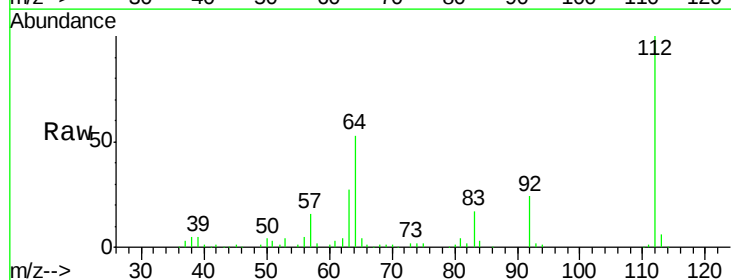
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



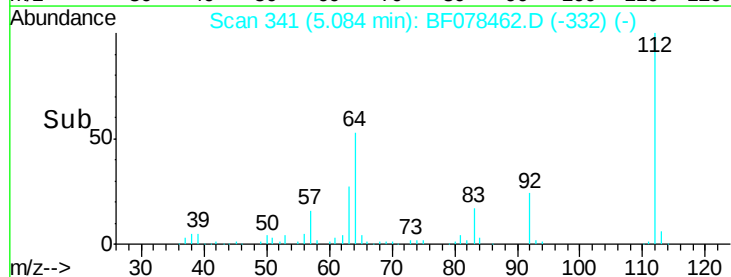
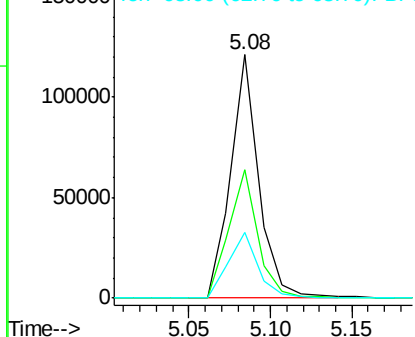
#5

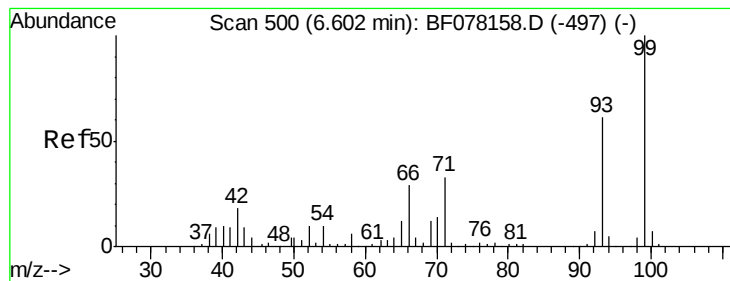
2-Fluorophenol  
Concen: 82.78 ng  
RT: 5.08 min Scan# 341  
Delta R.T. 0.00 min  
Lab File: BF078462.D  
Acq: 13 Apr 2015 16:13

Tgt Ion:112 Resp: 143823  
Ion Ratio Lower Upper  
112 100  
64 52.7 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





#7

Phenol-d6

Concen: 82.32 ng

RT: 6.42 min Scan# 458

Delta R.T. -0.01 min

Lab File: BF078462.D

Acq: 13 Apr 2015 16:13

Instrument :

BNA\_F

ClientSampleId :

LS-SD06A

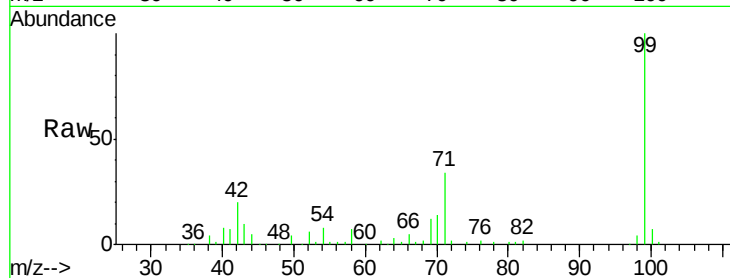
Tgt Ion: 99 Resp: 179249

Ion Ratio Lower Upper

99 100

42 19.8 14.8 22.2

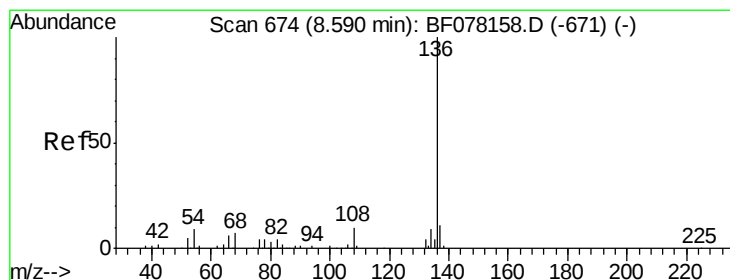
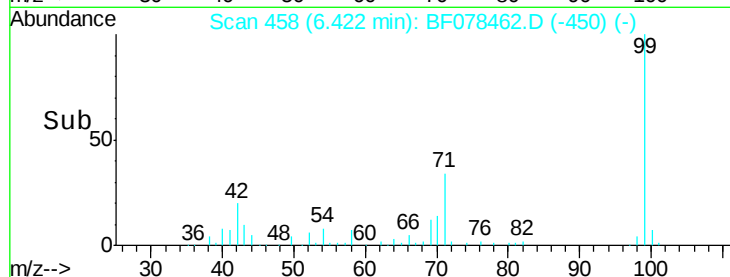
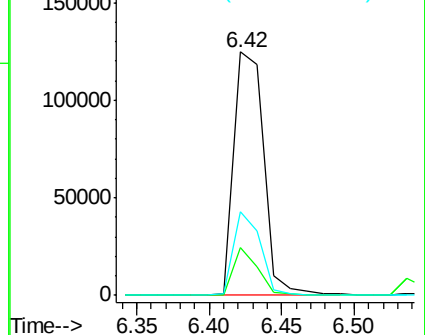
71 34.4 26.6 39.8



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.41 min Scan# 632

Delta R.T. 0.00 min

Lab File: BF078462.D

Acq: 13 Apr 2015 16:13

Tgt Ion: 136 Resp: 115831

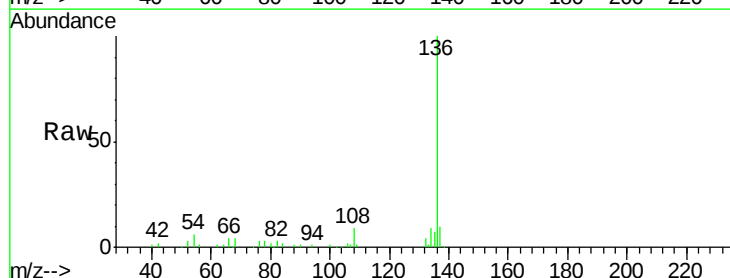
Ion Ratio Lower Upper

136 100

137 10.2 9.0 13.4

54 5.6 7.0 10.6#

68 4.5 5.4 8.2#

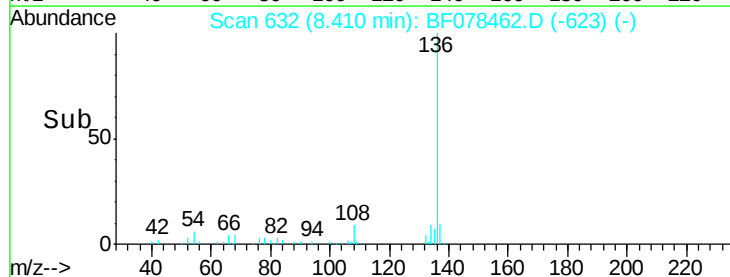
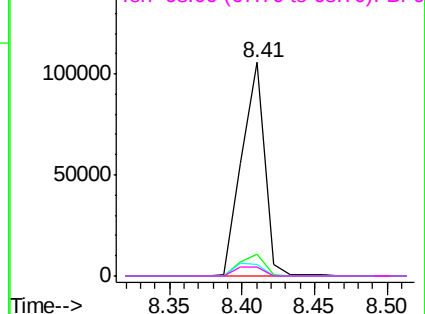


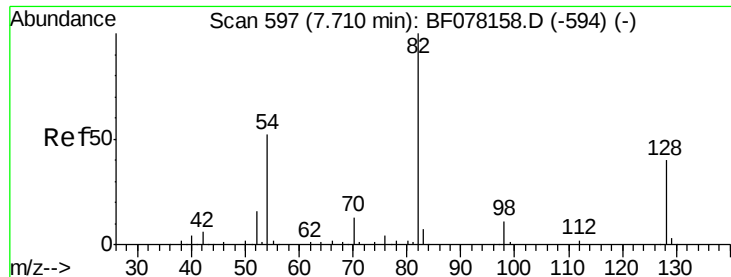
Abundance Ion 136.00 (135.70 to 136.70): E

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

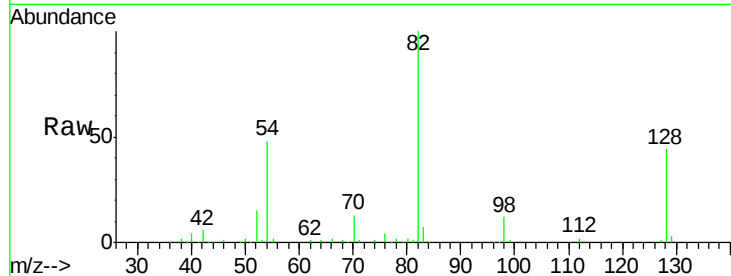




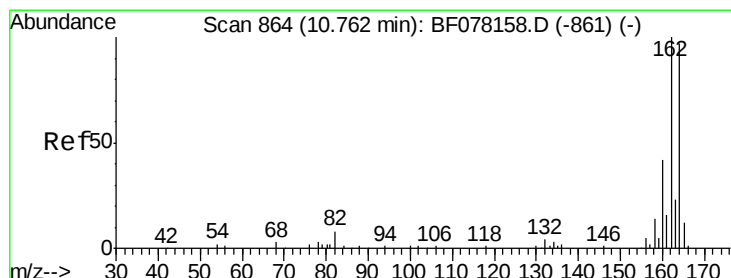
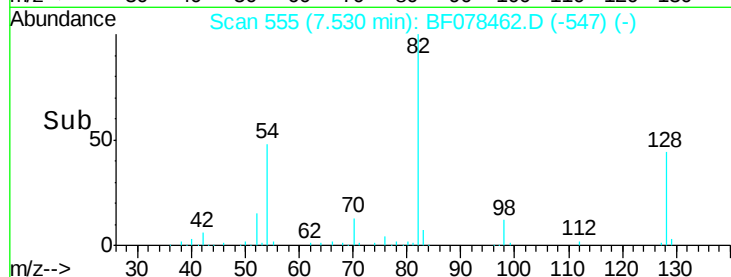
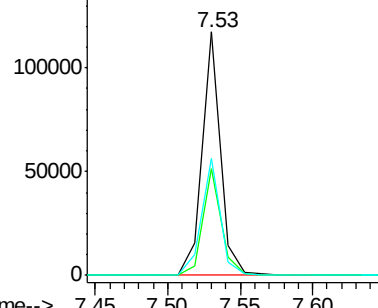
#23  
 Nitrobenzene-d5  
 Concen: 54.30 ng  
 RT: 7.53 min Scan# 555  
 Delta R.T. -0.01 min  
 Lab File: BF078462.D  
 Acq: 13 Apr 2015 16:13

Instrument :  
 BNA\_F  
 ClientSampleId :  
 LS-SD06A

Tgt Ion: 82 Resp: 103759  
 Ion Ratio Lower Upper  
 82 100  
 128 44.0 31.8 47.8  
 54 47.8 41.5 62.3

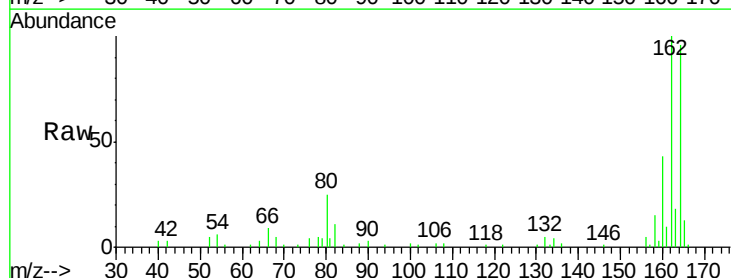


Abundance Ion 82.00 (81.70 to 82.70): BF0  
 Ion 128.00 (127.70 to 128.70): B  
 Ion 54.00 (53.70 to 54.70): BF0

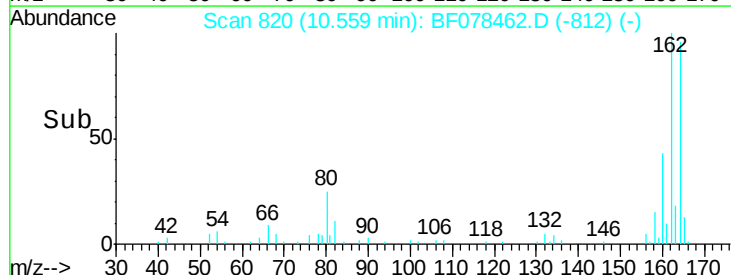
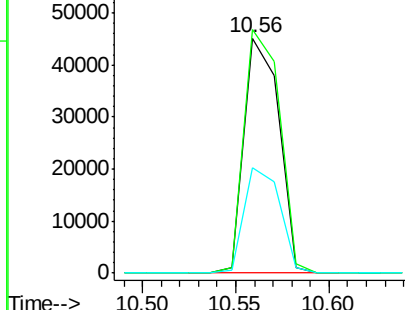


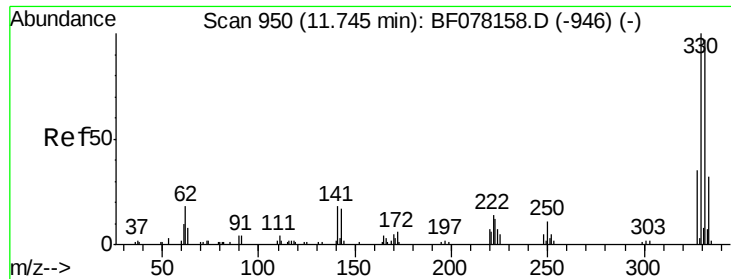
#38  
 Acenaphthene-d10  
 Concen: 20.00 ng  
 RT: 10.56 min Scan# 820  
 Delta R.T. -0.01 min  
 Lab File: BF078462.D  
 Acq: 13 Apr 2015 16:13

Tgt Ion: 164 Resp: 58479  
 Ion Ratio Lower Upper  
 164 100  
 162 103.7 82.2 123.2  
 160 45.0 34.7 52.1



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

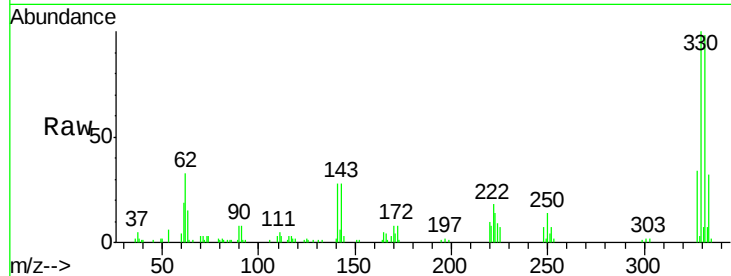




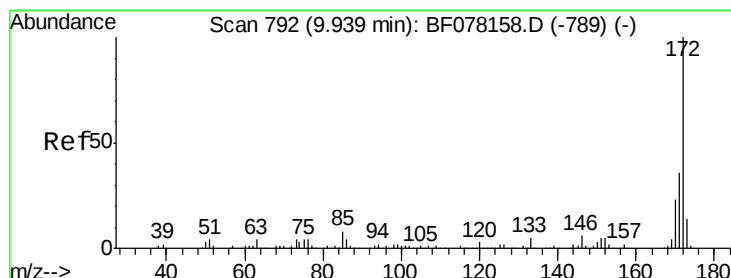
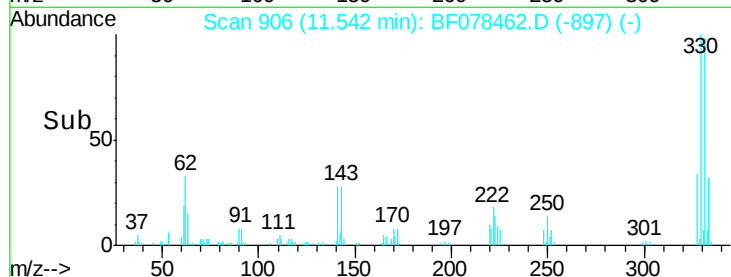
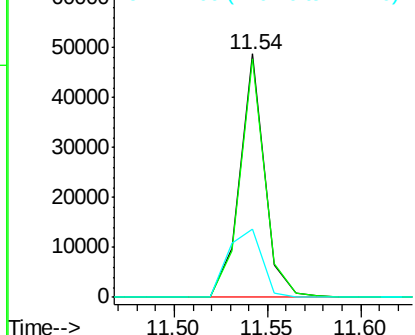
#41  
 2,4,6-Tribromophenol  
 Concen: 94.02 ng  
 RT: 11.54 min Scan# 906  
 Delta R.T. 0.00 min  
 Lab File: BF078462.D  
 Acq: 13 Apr 2015 16:13

Instrument :  
 BNA\_F  
 ClientSampleId :  
 LS-SD06A

Tgt Ion:330 Resp: 45601  
 Ion Ratio Lower Upper  
 330 100  
 332 97.8 78.6 117.8  
 141 38.2 31.2 46.8

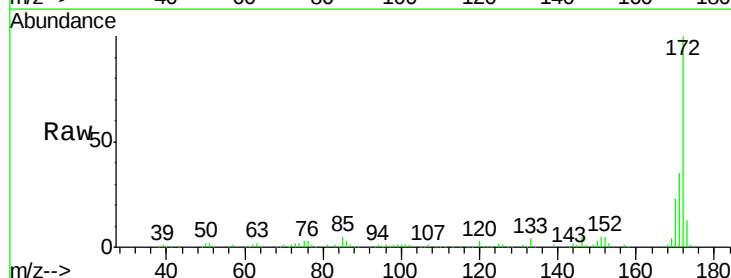


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

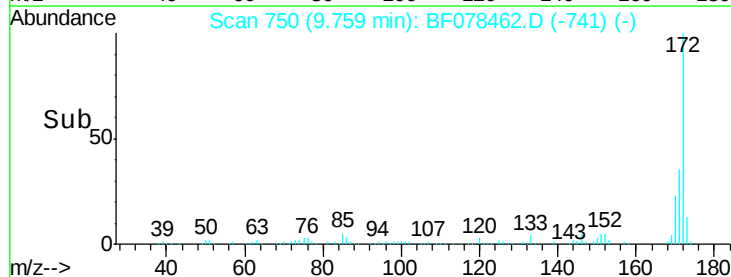
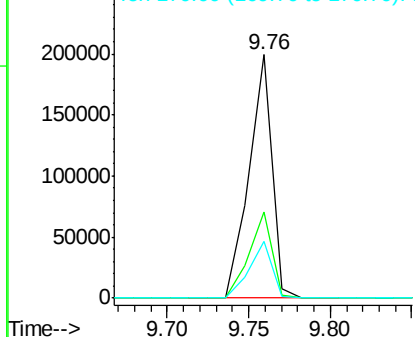


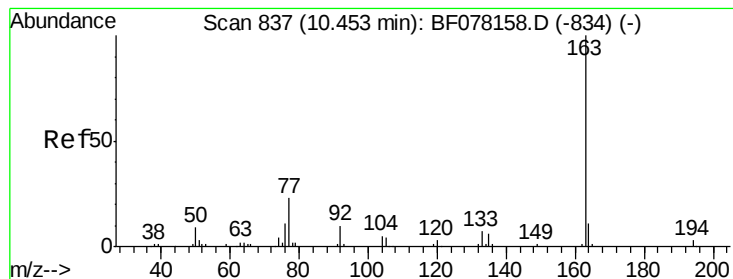
#44  
 2-Fluorobiphenyl  
 Concen: 47.82 ng  
 RT: 9.76 min Scan# 750  
 Delta R.T. 0.00 min  
 Lab File: BF078462.D  
 Acq: 13 Apr 2015 16:13

Tgt Ion:172 Resp: 195639  
 Ion Ratio Lower Upper  
 172 100  
 171 35.4 28.6 42.8  
 170 23.2 18.5 27.7



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





#49

Dimethylphthalate

Concen: 3.30 ng

RT: 10.27 min Scan# 795

Delta R.T. -0.01 min

Lab File: BF078462.D

Acq: 13 Apr 2015 16:13

Instrument :

BNA\_F

ClientSampleId :

LS-SD06A

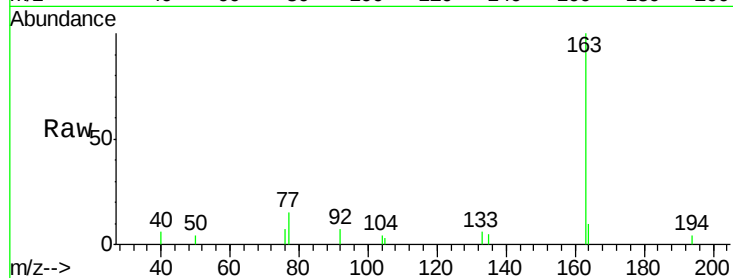
Tgt Ion:163 Resp: 14501

Ion Ratio Lower Upper

163 100

194 3.7 2.3 3.5#

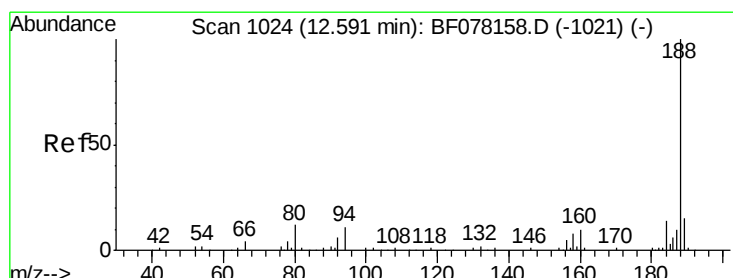
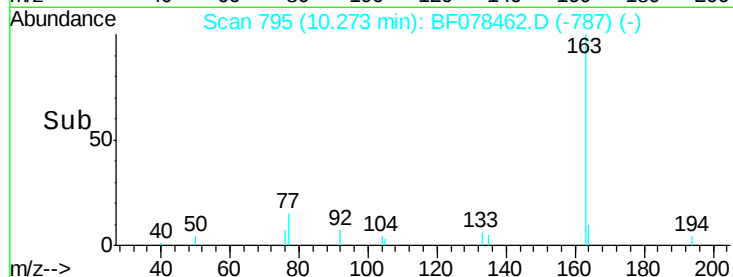
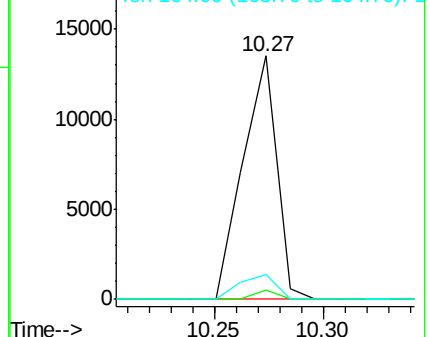
164 10.1 8.6 13.0



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 12.39 min Scan# 980

Delta R.T. 0.00 min

Lab File: BF078462.D

Acq: 13 Apr 2015 16:13

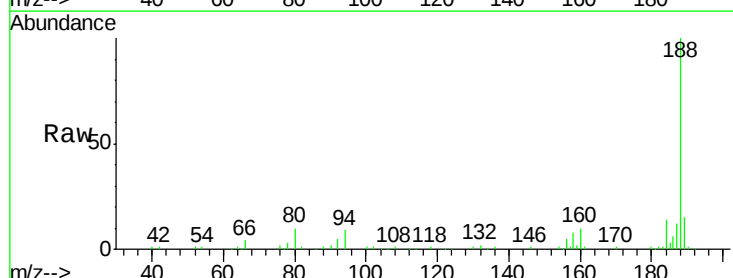
Tgt Ion:188 Resp: 118023

Ion Ratio Lower Upper

188 100

94 9.2 9.0 13.4

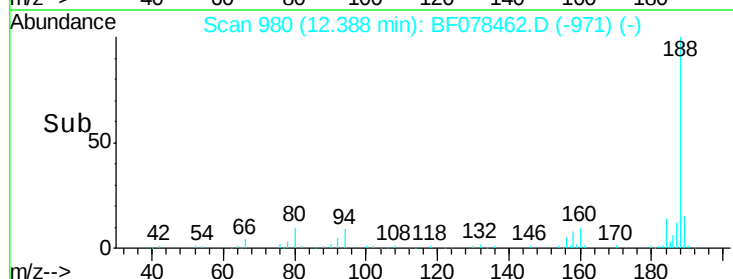
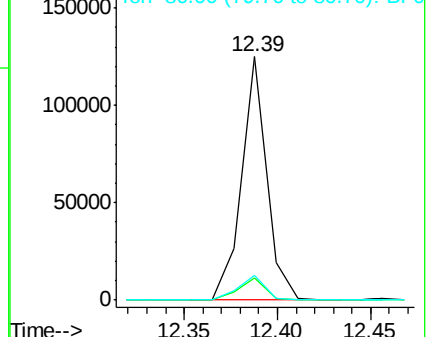
80 10.1 9.5 14.3

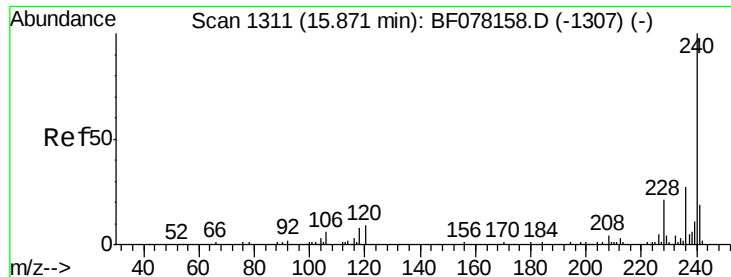


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

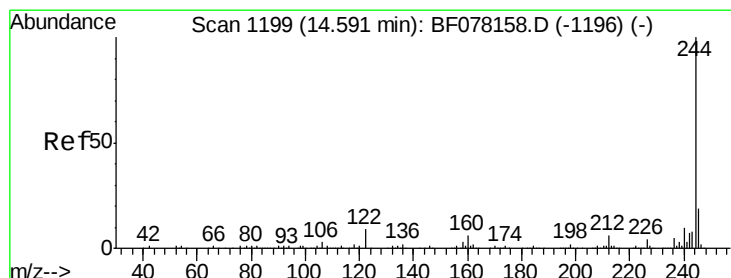
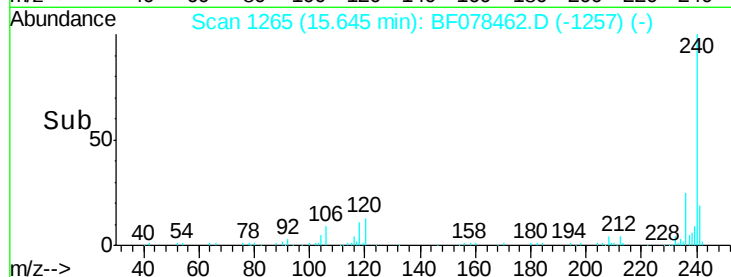
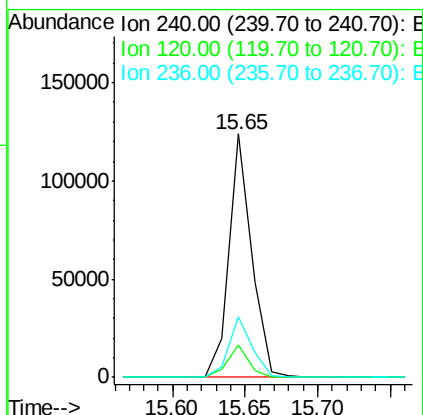
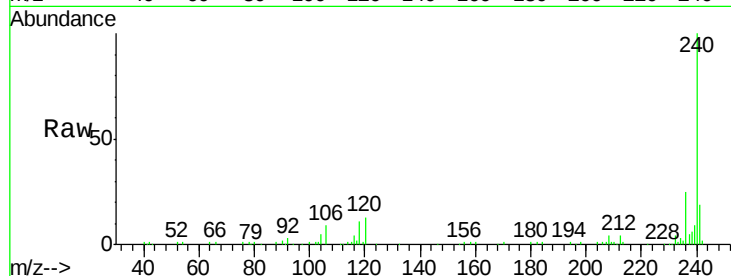




#75  
 Chrysene-d12  
 Concen: 20.00 ng  
 RT: 15.65 min Scan# 1265  
 Delta R.T. -0.01 min  
 Lab File: BF078462.D  
 Acq: 13 Apr 2015 16:13

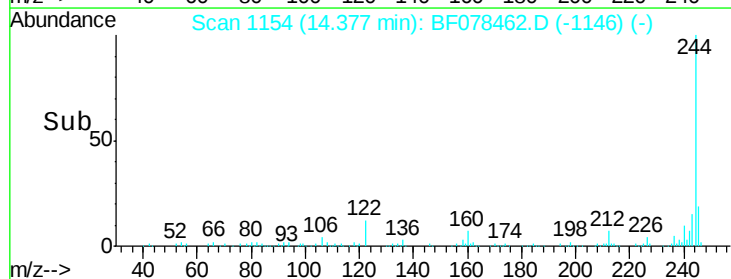
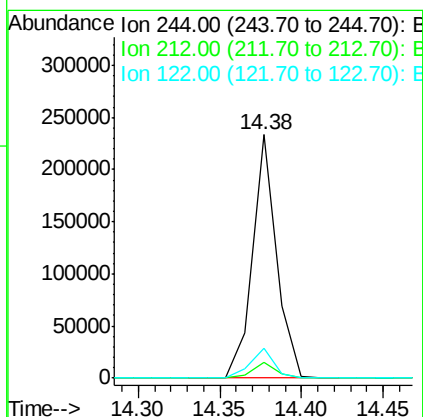
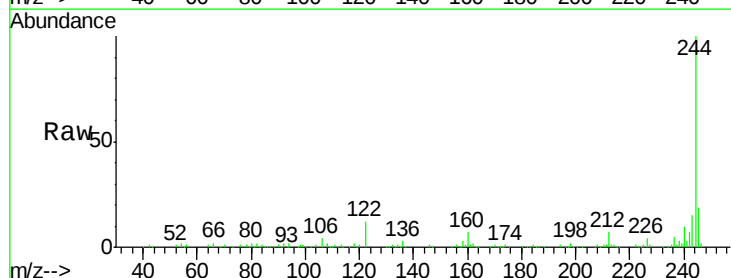
Instrument :  
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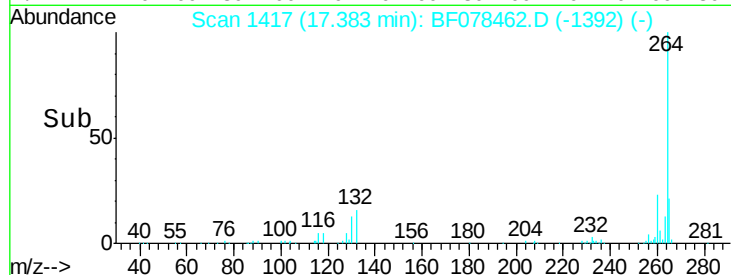
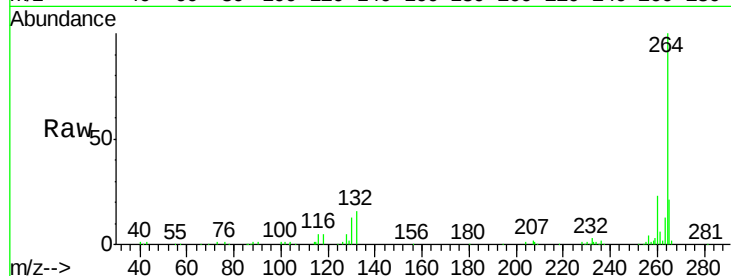
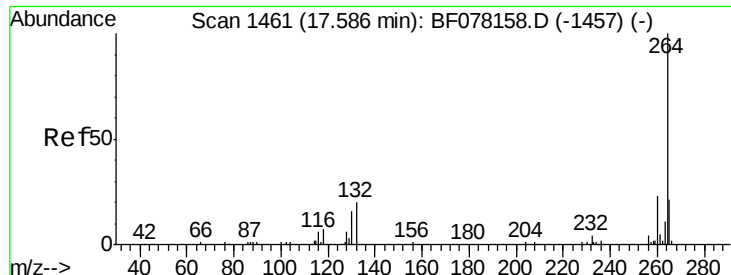
Tgt Ion: 240 Resp: 135010  
 Ion Ratio Lower Upper  
 240 100  
 120 13.1 7.1 10.7#  
 236 25.0 21.4 32.2



#78  
 Terphenyl-d14  
 Concen: 39.87 ng  
 RT: 14.38 min Scan# 1154  
 Delta R.T. -0.01 min  
 Lab File: BF078462.D  
 Acq: 13 Apr 2015 16:13

Tgt Ion: 244 Resp: 238198  
 Ion Ratio Lower Upper  
 244 100  
 212 6.5 5.0 7.4  
 122 12.0 7.1 10.7#





#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 17.38 min Scan# 1417  
Delta R.T. -0.01 min  
Lab File: BF078462.D  
Acq: 13 Apr 2015 16:13

Instrument :  
BNA\_F  
ClientSampleId :  
LS-SD06A

Tgt Ion: 264 Resp: 131244  
Ion Ratio Lower Upper  
264 100  
260 23.0 18.6 27.8  
265 20.9 17.0 25.6

