

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF042915\  
 Data File : BF078818.D  
 Acq On : 29 Apr 2015 17:32  
 Operator : TP/IZ  
 Sample : G2018-01  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 S8-0441

Quant Time: Apr 30 01:15:03 2015  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF042815.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Apr 30 00:55:08 2015  
 Response via : Initial Calibration

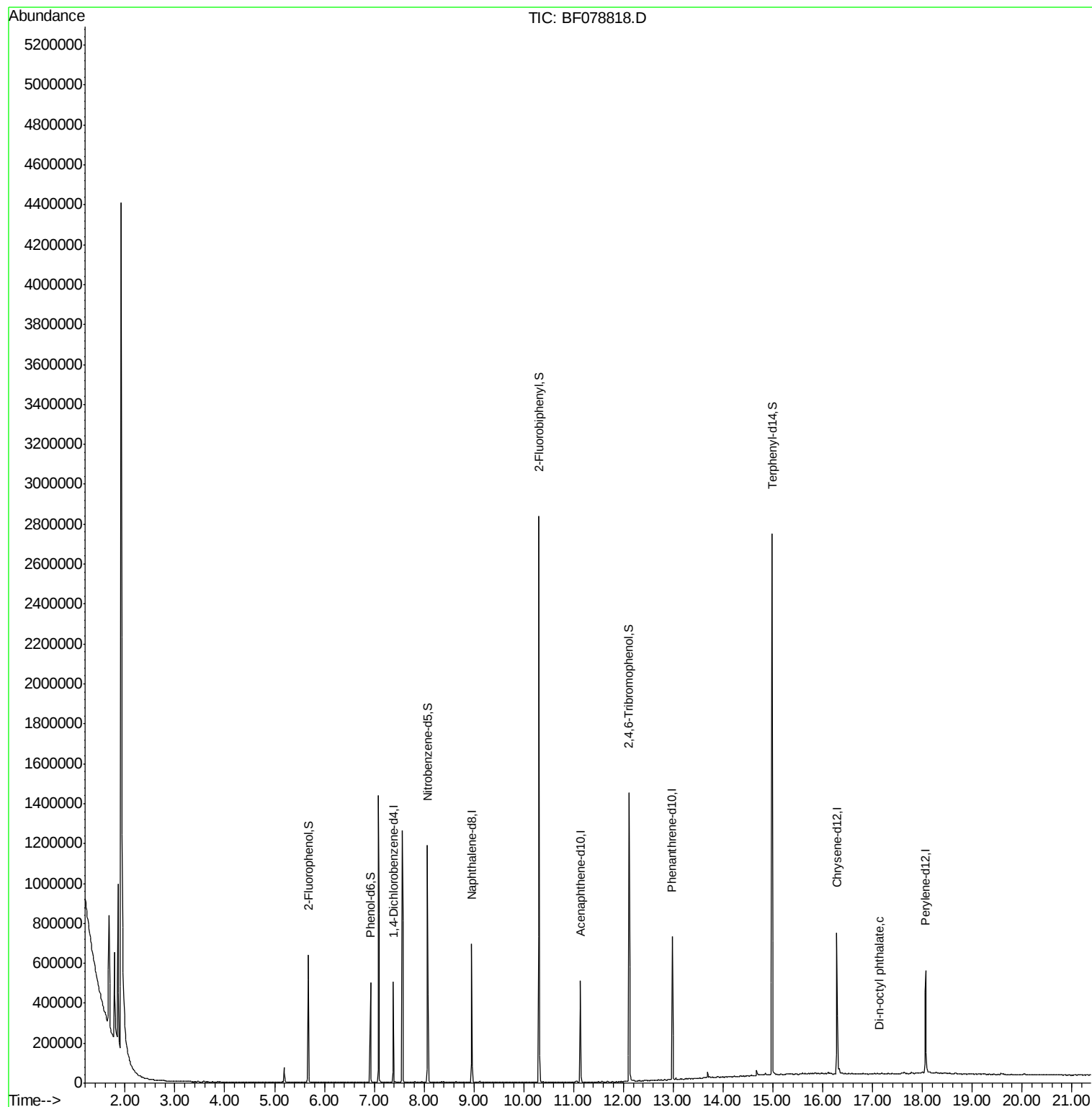
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)        |
|-----------------------------|-------|------|----------|--------|-------|-----------------|
| 1) 1,4-Dichlorobenzene-d4   | 7.38  | 152  | 69277    | 20.00  | ng    | 0.00            |
| 21) Naphthalene-d8          | 8.96  | 136  | 292099   | 20.00  | ng    | 0.00            |
| 38) Acenaphthene-d10        | 11.14 | 164  | 130289   | 20.00  | ng    | 0.00            |
| 63) Phenanthrene-d10        | 12.98 | 188  | 268698   | 20.00  | ng    | 0.00            |
| 75) Chrysene-d12            | 16.29 | 240  | 276241   | 20.00  | ng    | -0.01           |
| 86) Perylene-d12            | 18.07 | 264  | 280312   | 20.00  | ng    | -0.01           |
| System Monitoring Compounds |       |      |          |        |       |                 |
| 5) 2-Fluorophenol           | 5.68  | 112  | 234274   | 62.11  | ng    | 0.00            |
| 7) Phenol-d6                | 6.92  | 99   | 192361   | 38.19  | ng    | 0.00            |
| 23) Nitrobenzene-d5         | 8.07  | 82   | 390725   | 96.31  | ng    | 0.00            |
| 41) 2,4,6-Tribromophenol    | 12.11 | 330  | 188311   | 144.75 | ng    | -0.01           |
| 44) 2-Fluorobiphenyl        | 10.31 | 172  | 868664   | 91.30  | ng    | 0.00            |
| 78) Terphenyl-d14           | 14.98 | 244  | 903640   | 77.90  | ng    | 0.00            |
| Target Compounds            |       |      |          |        |       |                 |
| 84) Di-n-octyl phthalate    | 17.14 | 149  | 1840     | 7.04   | ng    | Qvalue<br># 100 |

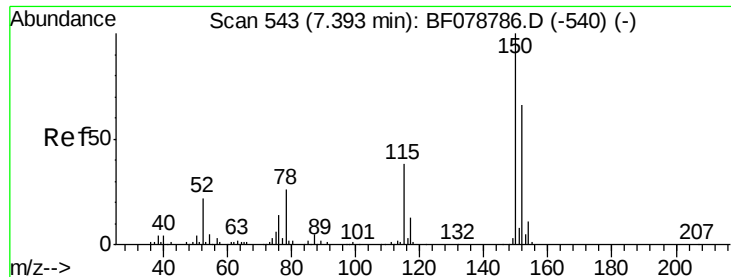
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF042915\  
Data File : BF078818.D  
Acq On : 29 Apr 2015 17:32  
Operator : TP/IZ  
Sample : G2018-01  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
S8-0441

Quant Time: Apr 30 01:15:03 2015  
Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF042815.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Apr 30 00:55:08 2015  
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.38 min Scan# 542

Delta R.T. -0.00 min

Lab File: BF078818.D

Acq: 29 Apr 2015 17:32

Instrument :

BNA\_F

ClientSampleId :

S8-0441

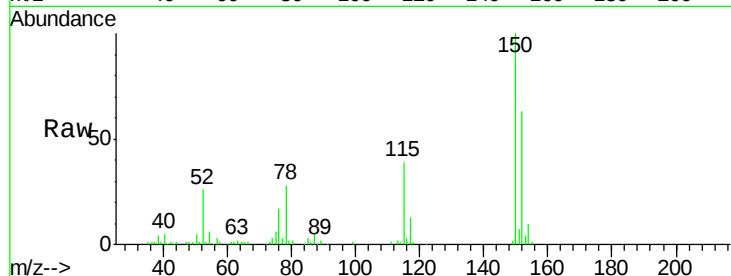
Tgt Ion:152 Resp: 69277

Ion Ratio Lower Upper

152 100

150 159.6 122.0 183.0

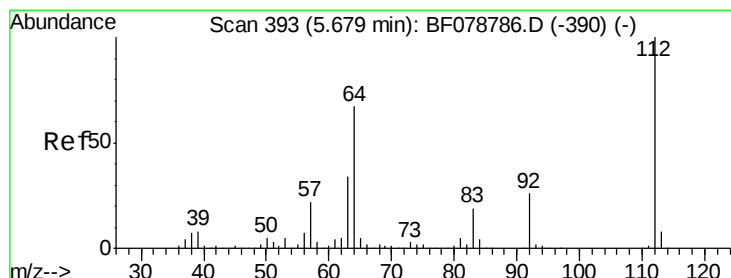
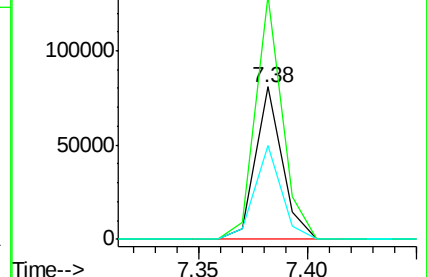
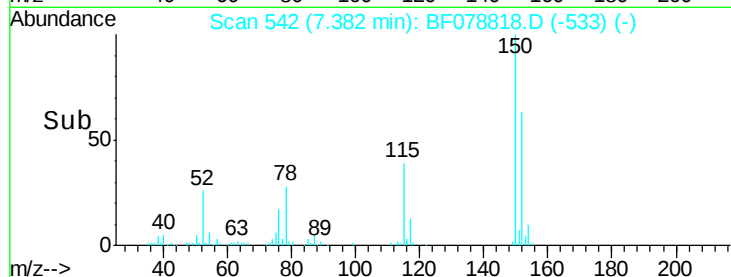
115 61.9 46.3 69.5



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: 62.11 ng

RT: 5.68 min Scan# 393

Delta R.T. -0.00 min

Lab File: BF078818.D

Acq: 29 Apr 2015 17:32

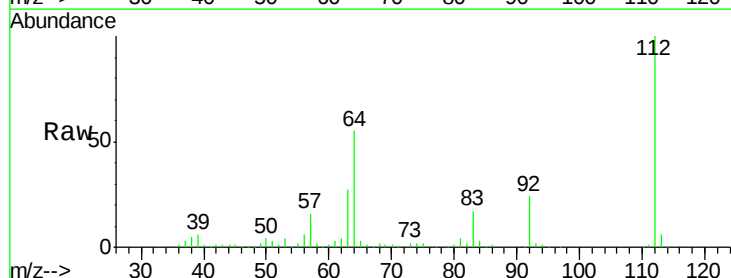
Tgt Ion:112 Resp: 234274

Ion Ratio Lower Upper

112 100

64 54.6 53.5 80.3

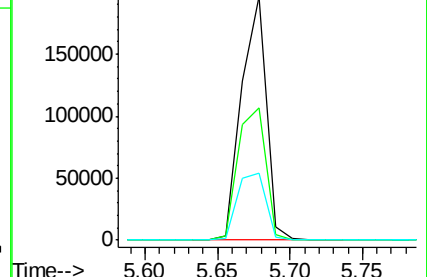
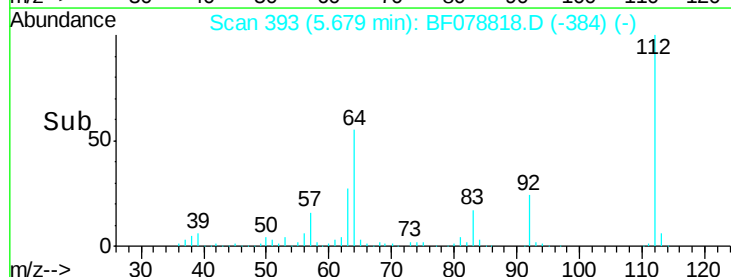
63 27.4 27.5 41.3#

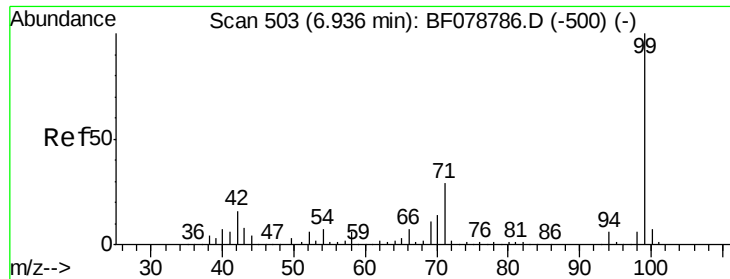


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 38.19 ng

RT: 6.92 min Scan# 502

Delta R.T. -0.00 min

Lab File: BF078818.D

Acq: 29 Apr 2015 17:32

Instrument :

BNA\_F

ClientSampled :

S8-0441

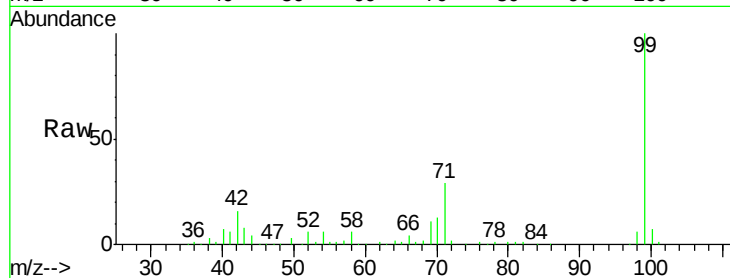
Tgt Ion: 99 Resp: 192361

Ion Ratio Lower Upper

99 100

42 15.9 12.8 19.2

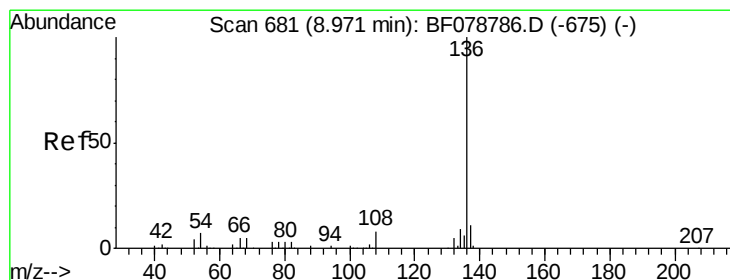
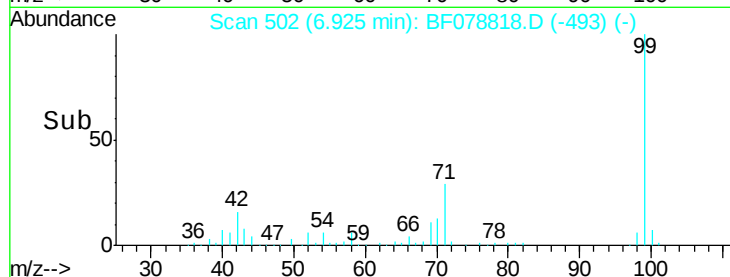
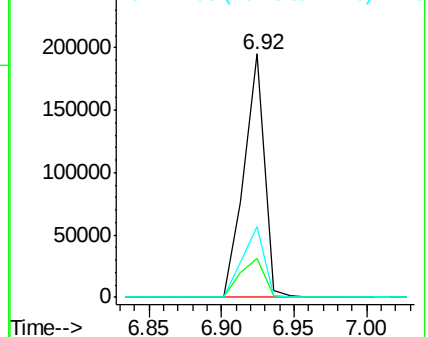
71 28.8 23.4 35.2



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: 8.96 min Scan# 680

Delta R.T. -0.00 min

Lab File: BF078818.D

Acq: 29 Apr 2015 17:32

Tgt Ion: 136 Resp: 292099

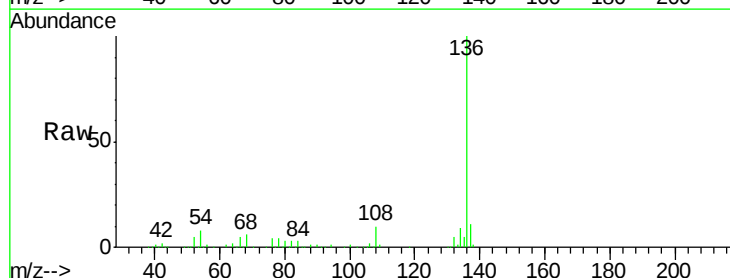
Ion Ratio Lower Upper

136 100

137 10.7 8.7 13.1

54 8.0 5.8 8.8

68 6.3 4.2 6.4

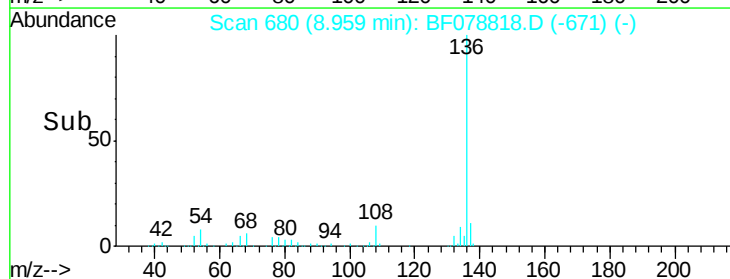
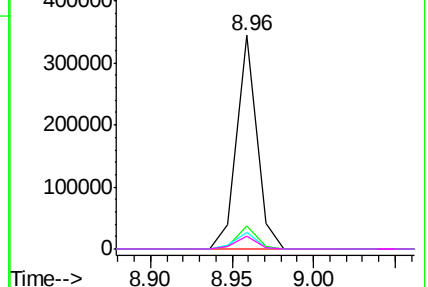


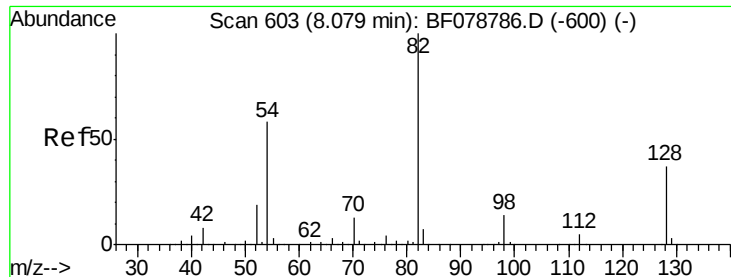
Abundance Ion 136.00 (135.70 to 136.70): E

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

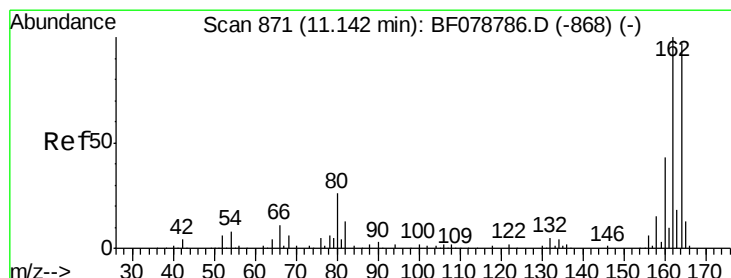
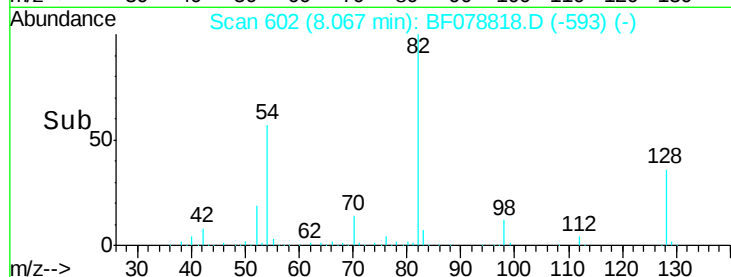
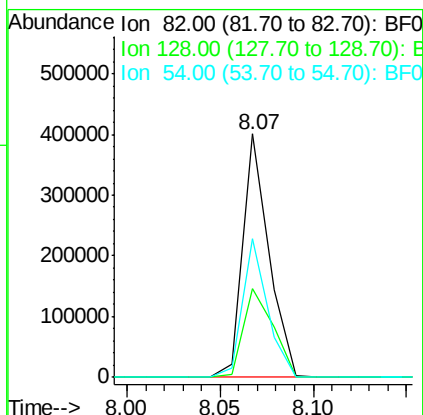
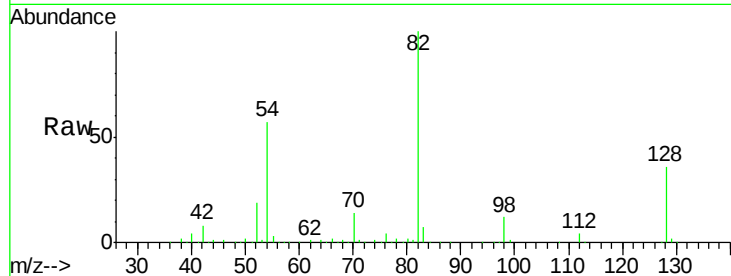




#23  
 Nitrobenzene-d5  
 Concen: 96.31 ng  
 RT: 8.07 min Scan# 602  
 Delta R.T. -0.00 min  
 Lab File: BF078818.D  
 Acq: 29 Apr 2015 17:32

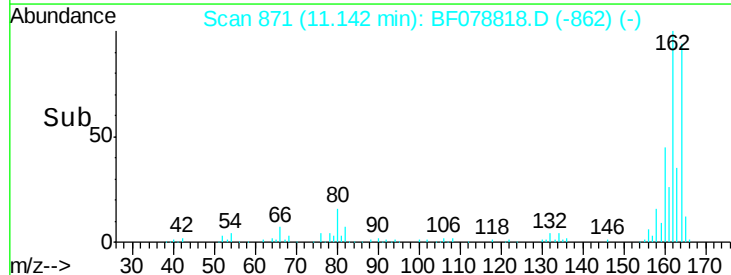
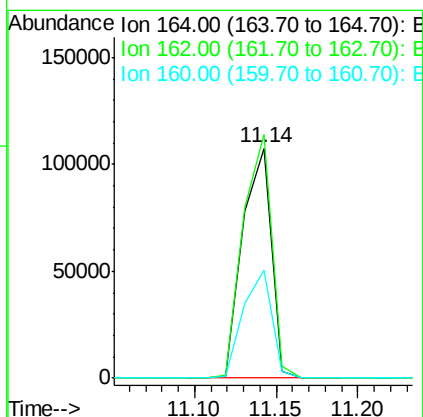
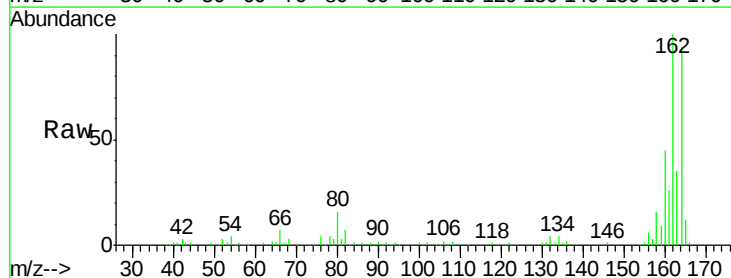
Instrument :  
 BNA\_F  
 ClientSampleId :  
 S8-0441

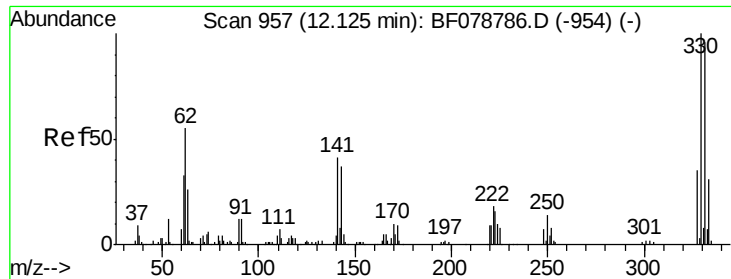
Tgt Ion: 82 Resp: 390725  
 Ion Ratio Lower Upper  
 82 100  
 128 36.5 30.0 45.0  
 54 57.1 46.4 69.6



#38  
 Acenaphthene-d10  
 Concen: 20.00 ng  
 RT: 11.14 min Scan# 871  
 Delta R.T. -0.00 min  
 Lab File: BF078818.D  
 Acq: 29 Apr 2015 17:32

Tgt Ion: 164 Resp: 130289  
 Ion Ratio Lower Upper  
 164 100  
 162 106.0 82.7 124.1  
 160 47.2 35.8 53.8

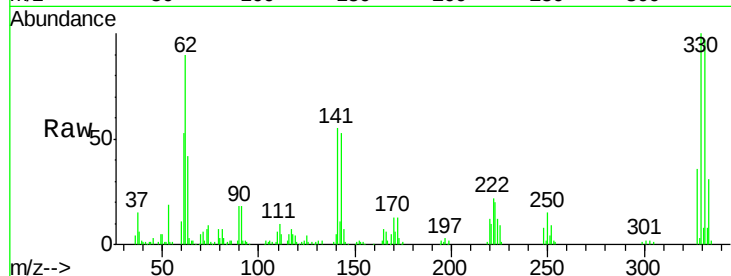




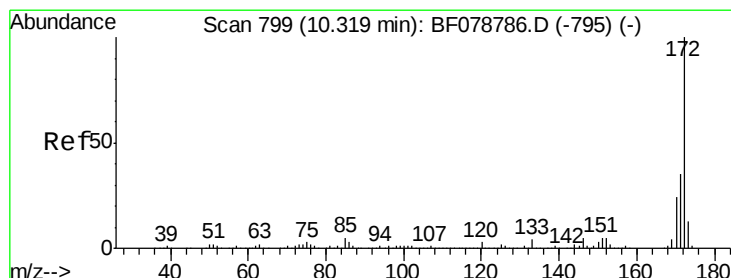
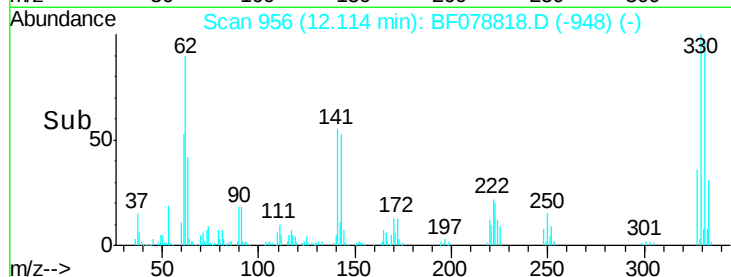
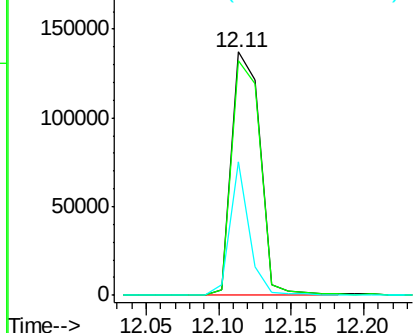
#41  
 2,4,6-Tribromophenol  
 Concen: 144.75 ng  
 RT: 12.11 min Scan# 956  
 Delta R.T. -0.01 min  
 Lab File: BF078818.D  
 Acq: 29 Apr 2015 17:32

Instrument :  
 BNA\_F  
 ClientSampleId :  
 S8-0441

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 97.2  | 0.0   | 0.0#  |
| 141     | 37.0  | 0.0   | 0.0#  |

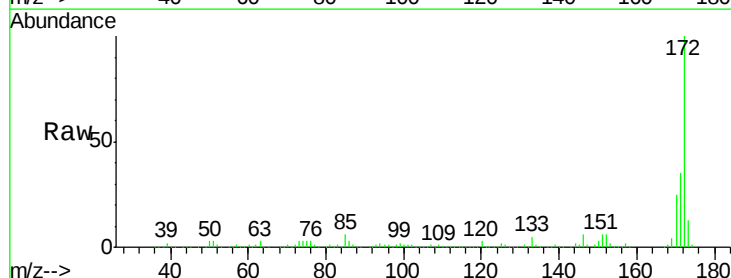


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

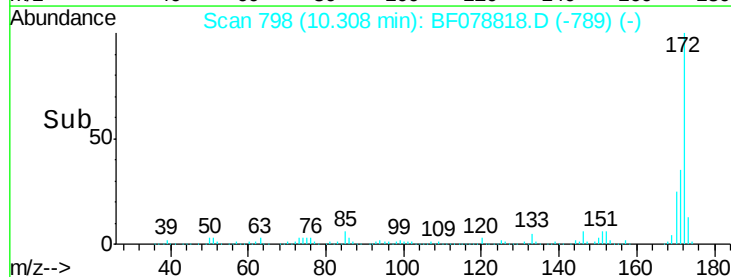
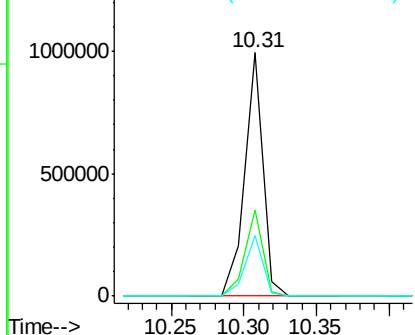


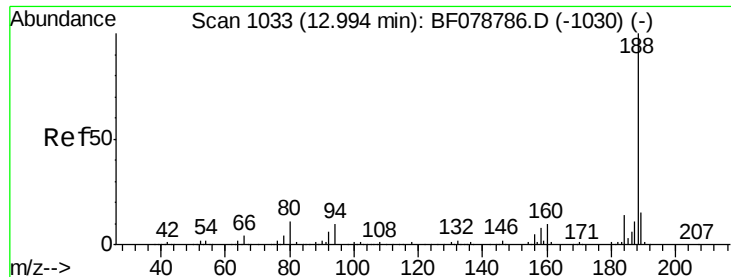
#44  
 2-Fluorobiphenyl  
 Concen: 91.30 ng  
 RT: 10.31 min Scan# 798  
 Delta R.T. -0.00 min  
 Lab File: BF078818.D  
 Acq: 29 Apr 2015 17:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 35.5  | 27.9  | 41.9  |
| 170     | 24.7  | 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

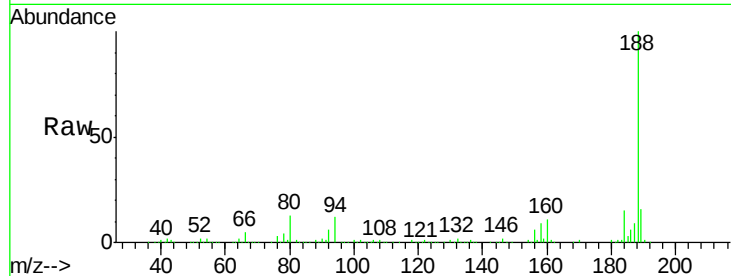




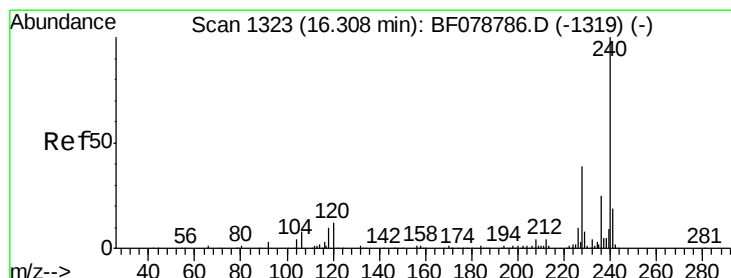
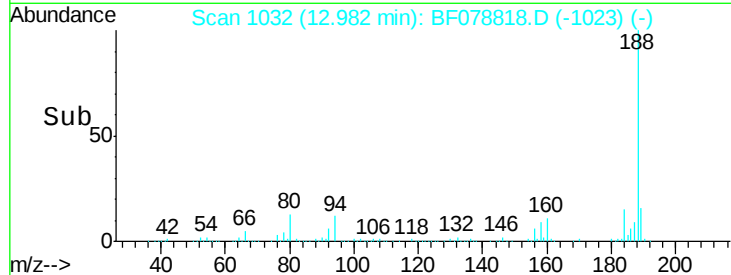
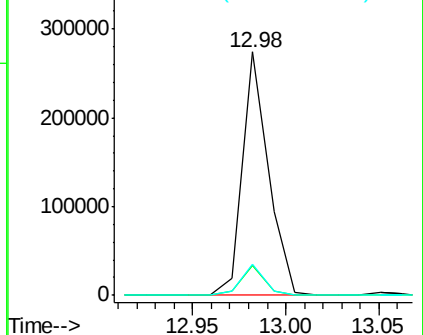
#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 12.98 min Scan# 1032  
Delta R.T. -0.00 min  
Lab File: BF078818.D  
Acq: 29 Apr 2015 17:32

Instrument :  
BNA\_F  
ClientSampleId :  
S8-0441

Tgt Ion:188 Resp: 268698  
Ion Ratio Lower Upper  
188 100  
94 12.0 8.2 12.2  
80 13.0 8.9 13.3

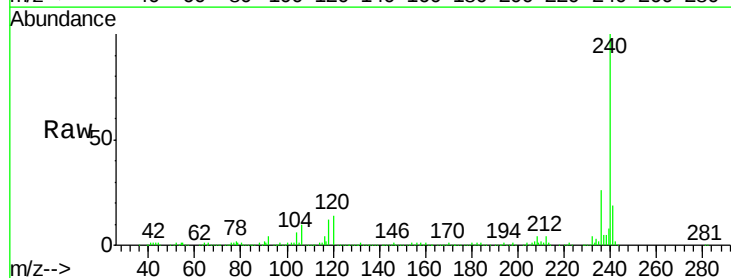


Abundance Ion 188.00 (187.70 to 188.70): E  
Ion 94.00 (93.70 to 94.70): BF0  
Ion 80.00 (79.70 to 80.70): BF0

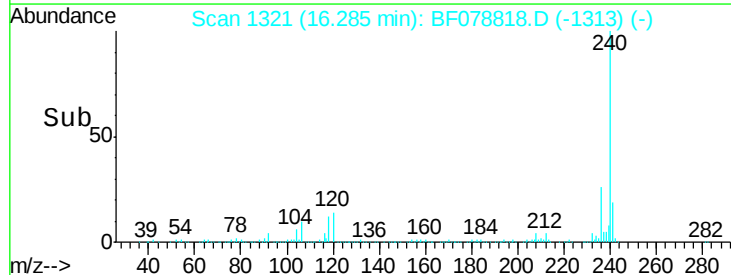
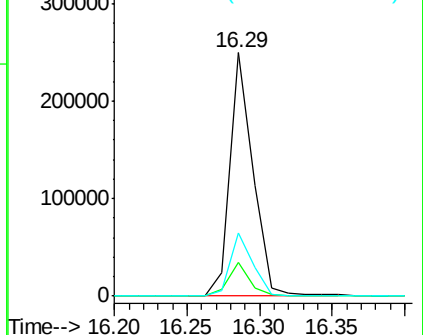


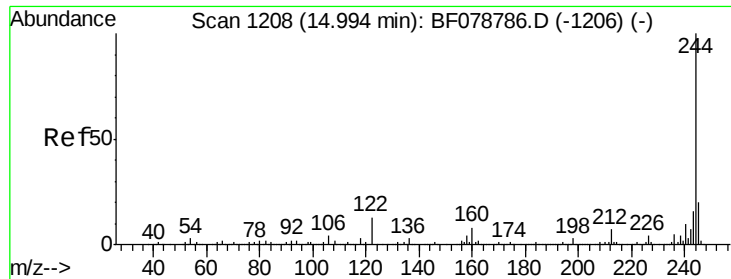
#75  
Chrysene-d12  
Concen: 20.00 ng  
RT: 16.29 min Scan# 1321  
Delta R.T. -0.01 min  
Lab File: BF078818.D  
Acq: 29 Apr 2015 17:32

Tgt Ion:240 Resp: 276241  
Ion Ratio Lower Upper  
240 100  
120 13.9 9.7 14.5  
236 25.8 20.2 30.4



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

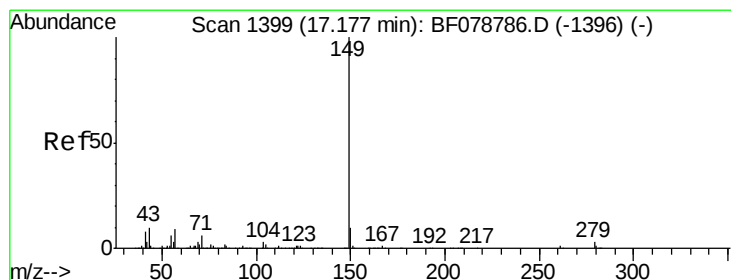
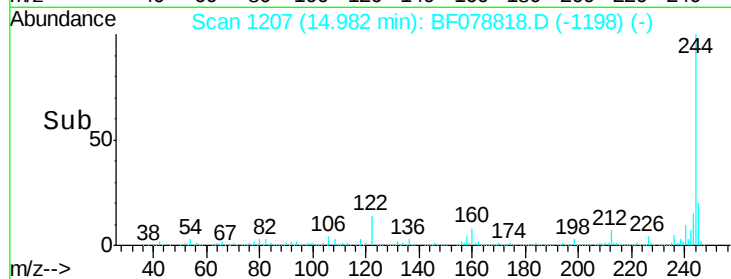
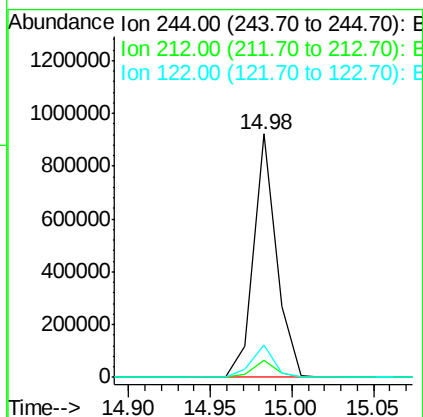
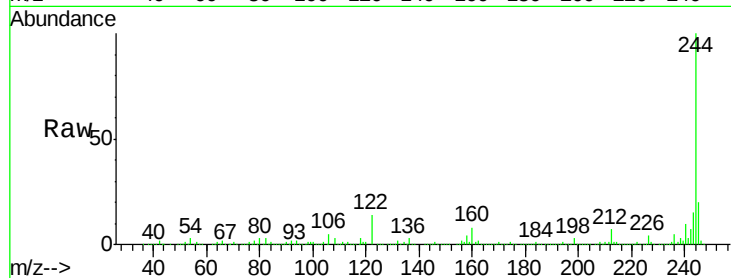




#78  
 Terphenyl-d14  
 Concen: 77.90 ng  
 RT: 14.98 min Scan# 1207  
 Delta R.T. -0.00 min  
 Lab File: BF078818.D  
 Acq: 29 Apr 2015 17:32

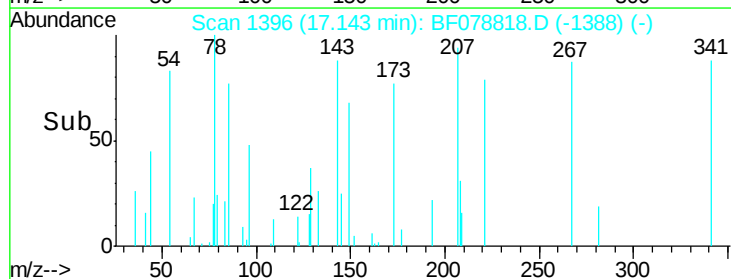
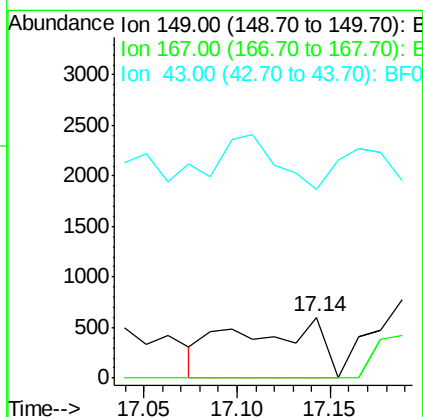
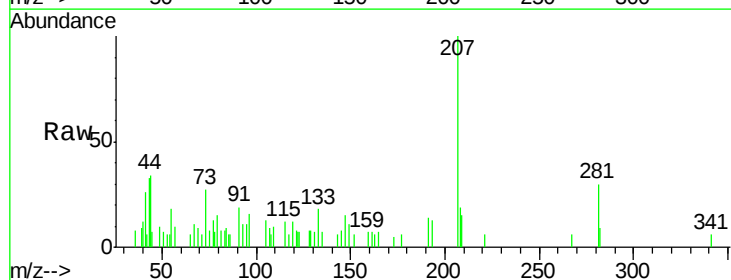
Instrument :  
 BNA\_F  
 ClientSampleId :  
 S8-0441

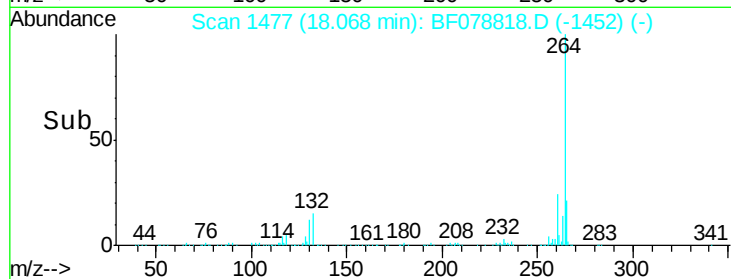
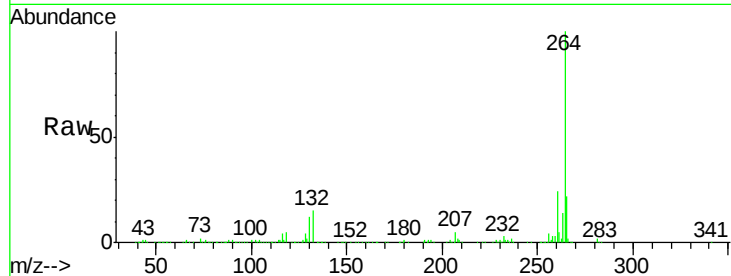
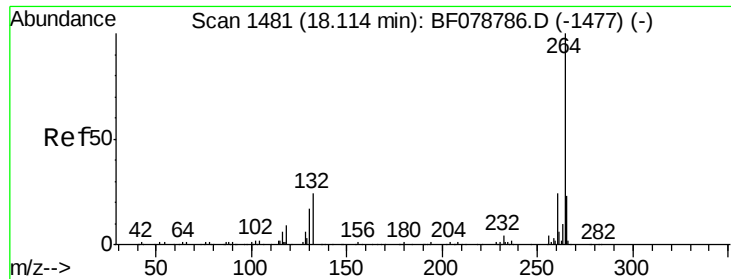
Tgt Ion:244 Resp: 903640  
 Ion Ratio Lower Upper  
 244 100  
 212 7.1 5.6 8.4  
 122 13.6 10.3 15.5



#84  
 Di-n-octyl phthalate  
 Concen: 7.04 ng  
 RT: 17.14 min Scan# 1396  
 Delta R.T. -0.01 min  
 Lab File: BF078818.D  
 Acq: 29 Apr 2015 17:32

Tgt Ion:149 Resp: 1840  
 Ion Ratio Lower Upper  
 149 100  
 167 0.0 0.0 0.0  
 43 0.0 0.0 0.0





#86

Perylene-d12

Concen: 20.00 ng

RT: 18.07 min Scan# 1477

Delta R.T. -0.01 min

Lab File: BF078818.D

Acq: 29 Apr 2015 17:32

Instrument :

BNA\_F

ClientSampleId :

S8-0441

Tgt Ion: 264 Resp: 280312

Ion Ratio Lower Upper

264 100

260 24.1 19.4 29.2

265 21.5 18.3 27.5

