

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070616\
 Data File : BF088735.D
 Acq On : 6 Jul 2016 13:37
 Operator : UM/SJ
 Sample : PB91742TB
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB91742TB

Quant Time: Jul 06 16:20:44 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 05 17:15:08 2016
 Response via : Initial Calibration

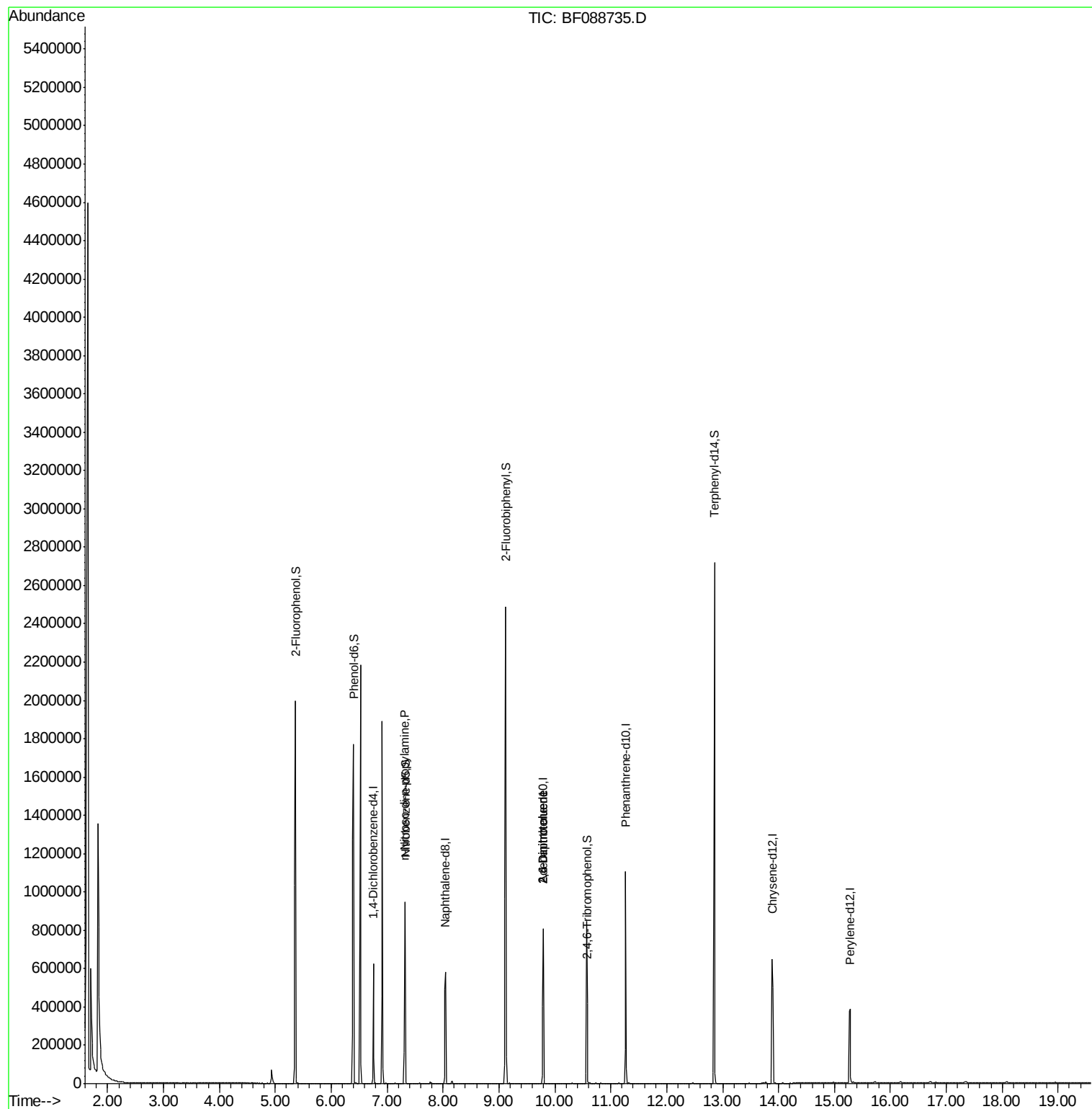
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	88358	20.00	ng	-0.02
21) Naphthalene-d8	8.04	136	382650	20.00	ng	-0.02
38) Acenaphthene-d10	9.79	164	184843	20.00	ng	-0.02
63) Phenanthrene-d10	11.27	188	364424	20.00	ng	-0.02
75) Chrysene-d12	13.89	240	291570	20.00	ng	-0.03
86) Perylene-d12	15.28	264	214335	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	609015	103.30	ng	-0.01
7) Phenol-d6	6.40	99	854565	112.18	ng	-0.01
23) Nitrobenzene-d5	7.32	82	504202	69.05	ng	-0.02
41) 2,4,6-Tribromophenol	10.58	330	115336	67.19	ng	-0.02
44) 2-Fluorobiphenyl	9.12	172	829381	70.87	ng	-0.02
78) Terphenyl-d14	12.86	244	860746	65.75	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.31	70	65820	12.86	ng	# 74
50) 2,6-Dinitrotoluene	9.79	165	23563	8.07	ng	# 39
56) 2,4-Dinitrotoluene	9.79	165	23564	6.18	ng	# 37

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

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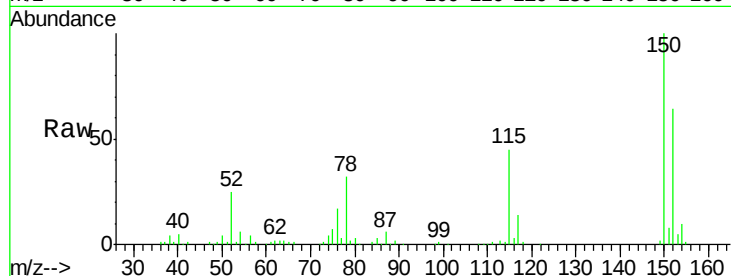


#1

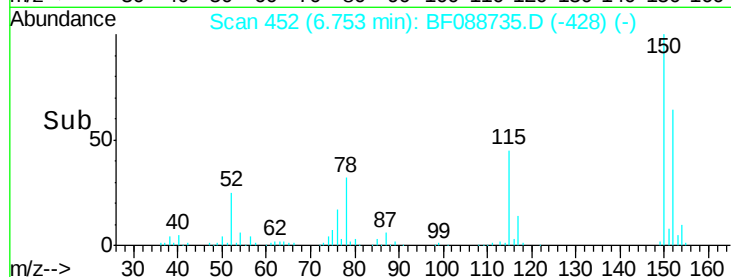
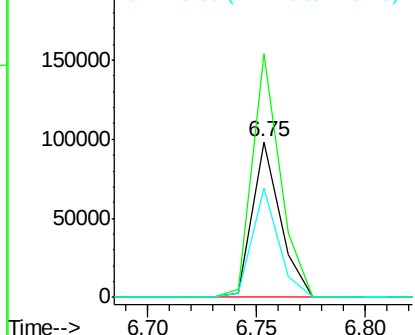
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.75 min Scan# 452
Delta R.T. -0.02 min
Lab File: BF088735.D
Acq: 6 Jul 2016 13:37

Instrument :
BNA_F
ClientSampleId :
PB91742TB

Tot Ion:152 Resp: 88358
Ion Ratio Lower Upper
152 100
150 156.4 123.8 185.6
115 70.3 39.6 59.4#



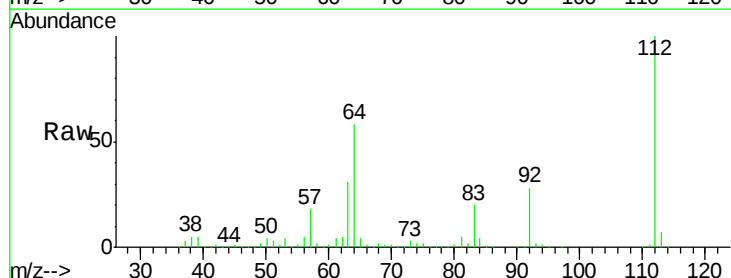
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



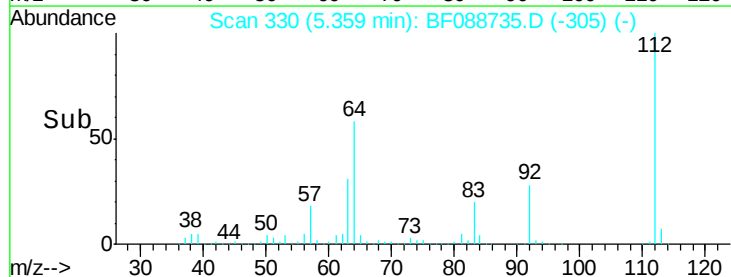
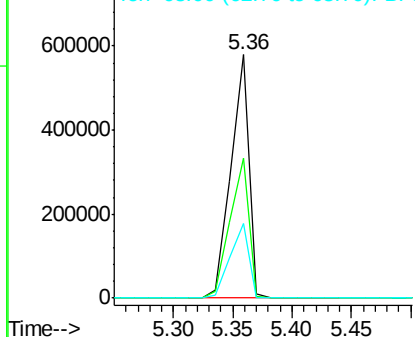
#5

2-Fluorophenol
Concen: 103.30 ng
RT: 5.36 min Scan# 330
Delta R.T. -0.01 min
Lab File: BF088735.D
Acq: 6 Jul 2016 13:37

Tgt Ion:112 Resp: 609015
Ion Ratio Lower Upper
112 100
64 57.5 42.2 63.2
63 30.5 21.8 32.8



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: 112.18 ng

RT: 6.40 min Scan# 421

Delta R.T. -0.01 min

Lab File: BF088735.D

Acq: 6 Jul 2016 13:37

Instrument :

BNA_F

ClientSampleId :

PB91742TB

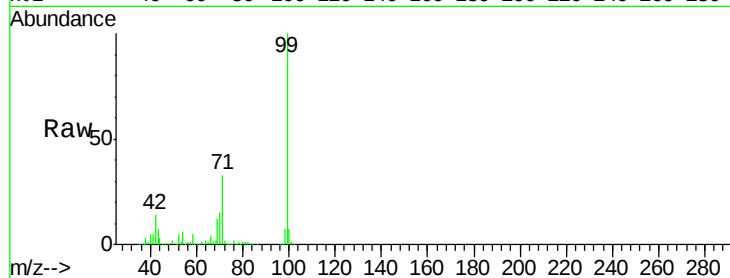
Tot Ion: 99 Resp: 854565

Ion Ratio Lower Upper

99 100

42 13.6 12.2 18.2

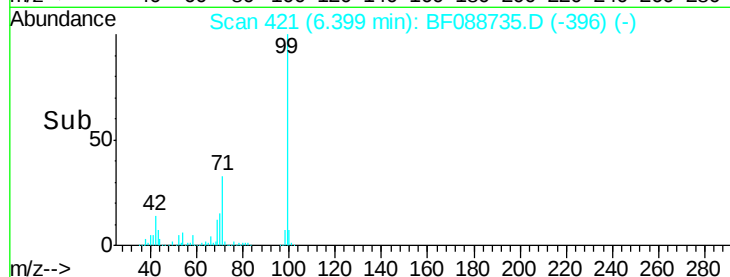
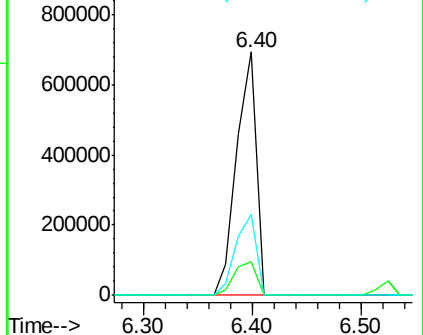
71 33.5 23.4 35.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 12.86 ng

RT: 7.31 min Scan# 501

Delta R.T. 0.11 min

Lab File: BF088735.D

Acq: 6 Jul 2016 13:37

Tgt Ion: 70 Resp: 65820

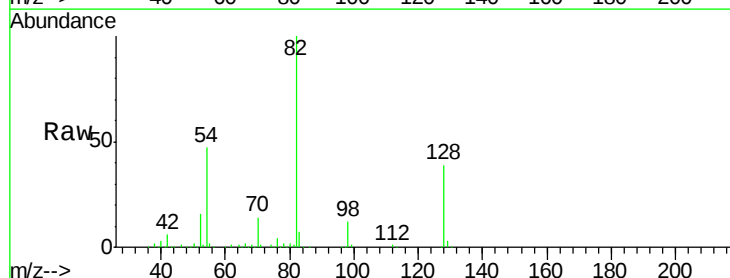
Ion Ratio Lower Upper

70 100

42 44.5 49.6 74.4#

101 0.0 7.1 10.7#

130 2.0 15.4 23.2#

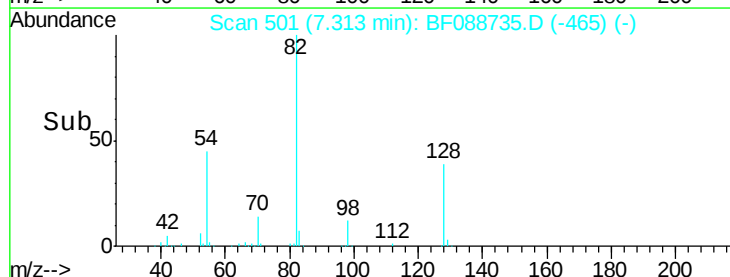
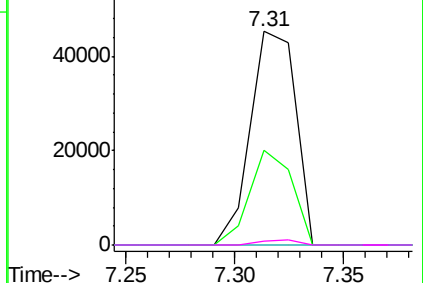


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.04 min Scan# 565

Delta R.T. -0.02 min

Lab File: BF088735.D

Acq: 6 Jul 2016 13:37

Instrument :

BNA_F

ClientSampleId :

PB91742TB

Tot Ion:136 Resp: 382650

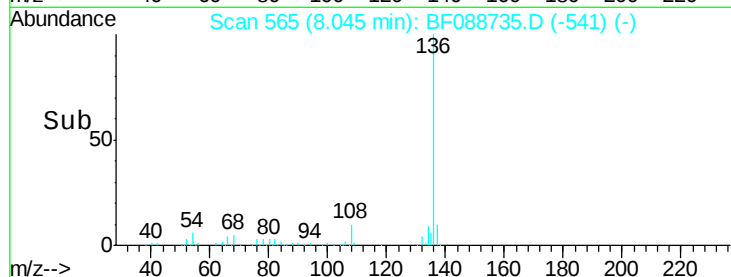
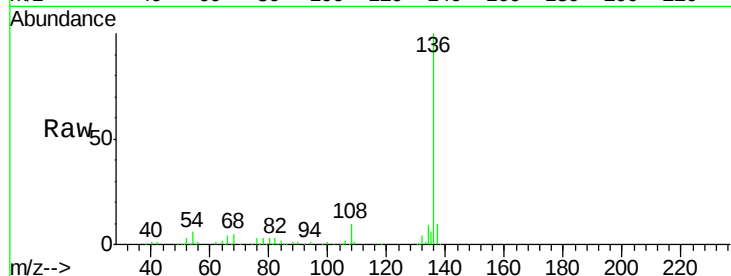
Ion Ratio Lower Upper

136 100

137 10.5 9.1 13.7

54 5.6 6.6 10.0#

68 4.9 5.1 7.7#

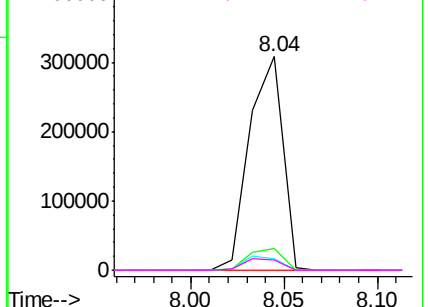


Abundance Ion 136.00 (135.70 to 136.70): E

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: 69.05 ng

RT: 7.32 min Scan# 502

Delta R.T. -0.02 min

Lab File: BF088735.D

Acq: 6 Jul 2016 13:37

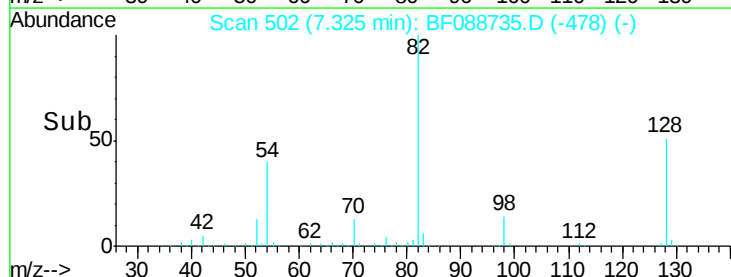
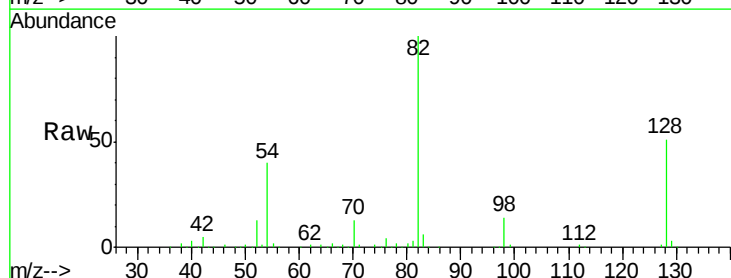
Tgt Ion: 82 Resp: 504202

Ion Ratio Lower Upper

82 100

128 51.0 35.9 53.9

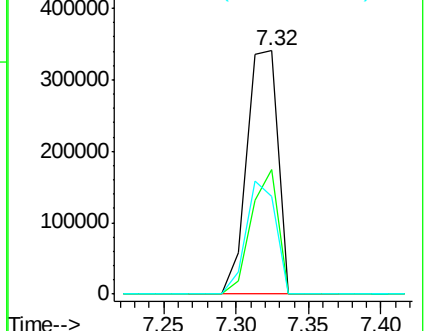
54 40.2 40.9 61.3#

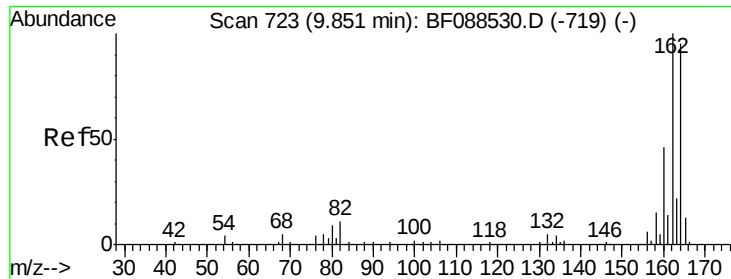


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

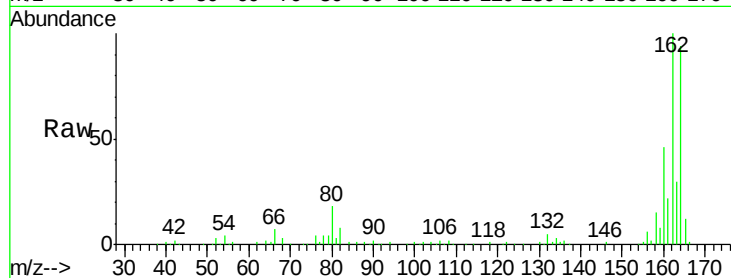




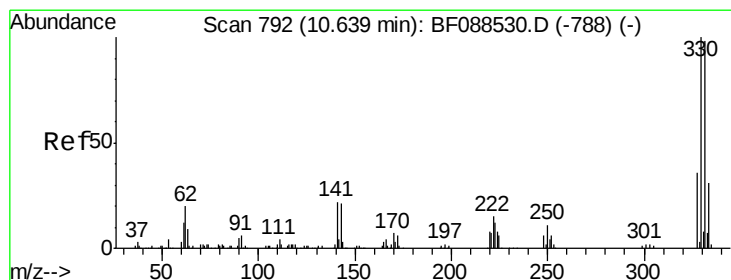
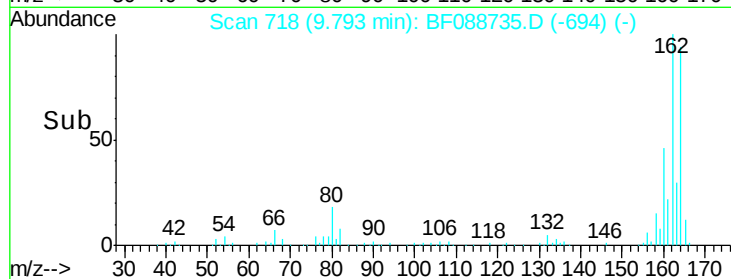
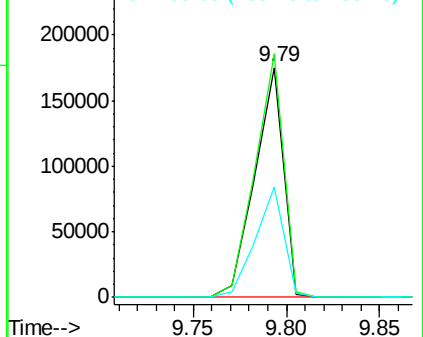
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.79 min Scan# 718
 Delta R.T. -0.02 min
 Lab File: BF088735.D
 Acq: 6 Jul 2016 13:37

Instrument :
 BNA_F
 ClientSampleID :
 PB91742TB

Tot Ion:164 Resp: 184843
 Ion Ratio Lower Upper
 164 100
 162 106.0 85.4 128.2
 160 48.2 39.5 59.3

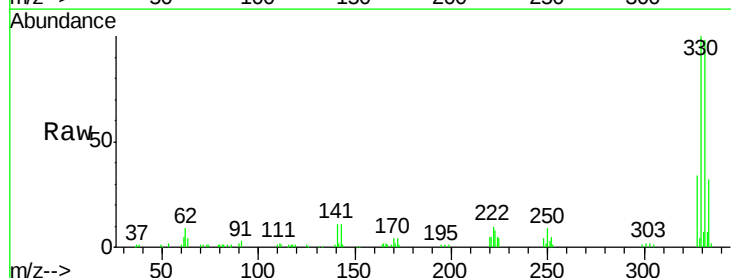


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

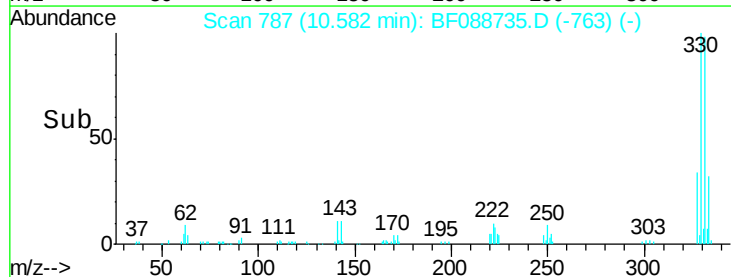
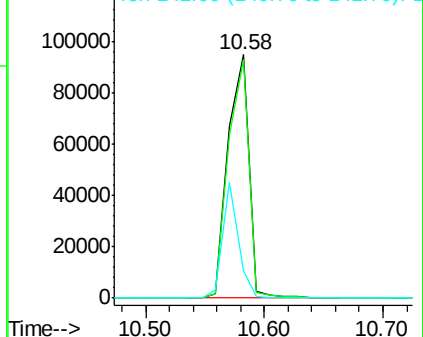


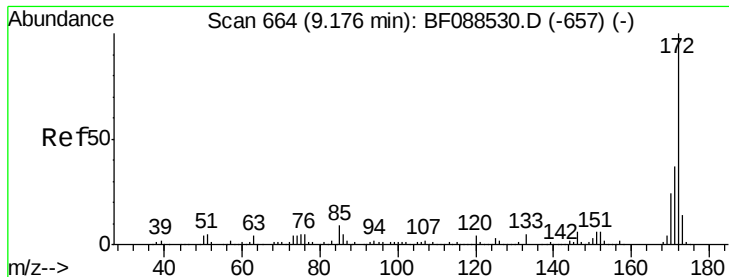
#41
 2,4,6-Tribromophenol
 Concen: 67.19 ng
 RT: 10.58 min Scan# 787
 Delta R.T. -0.02 min
 Lab File: BF088735.D
 Acq: 6 Jul 2016 13:37

Tgt Ion:330 Resp: 115336
 Ion Ratio Lower Upper
 330 100
 332 96.8 0.0 0.0#
 141 35.5 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

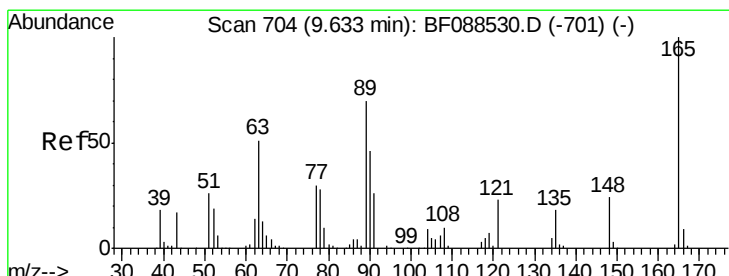
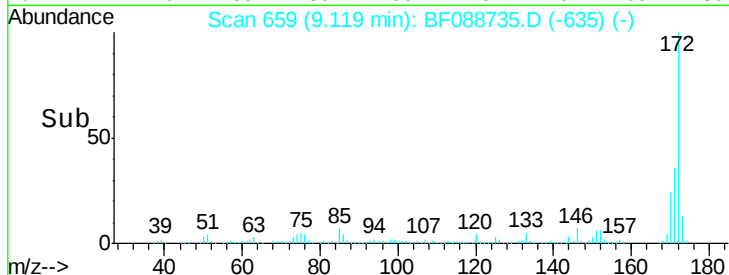
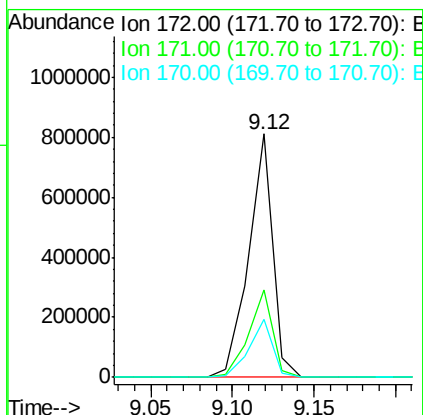
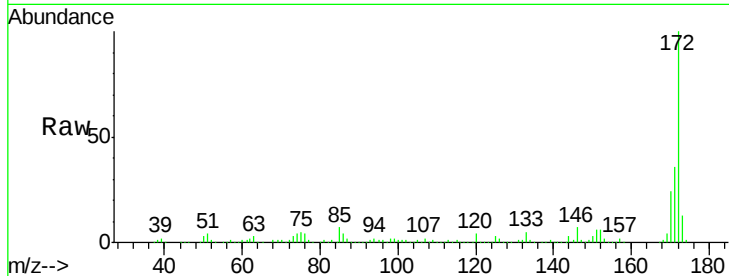




#44
 2-Fluorobiphenyl
 Concen: 70.87 ng
 RT: 9.12 min Scan# 659
 Delta R.T. -0.02 min
 Lab File: BF088735.D
 Acq: 6 Jul 2016 13:37

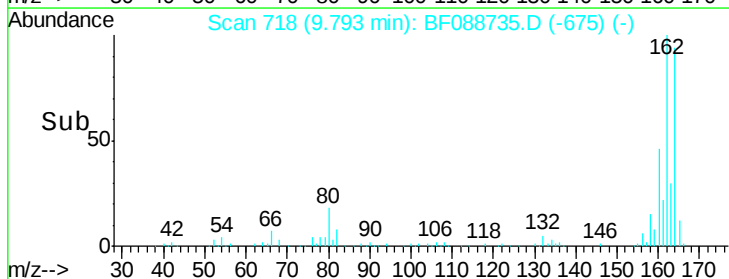
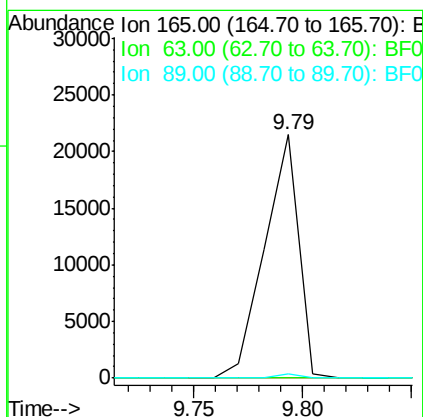
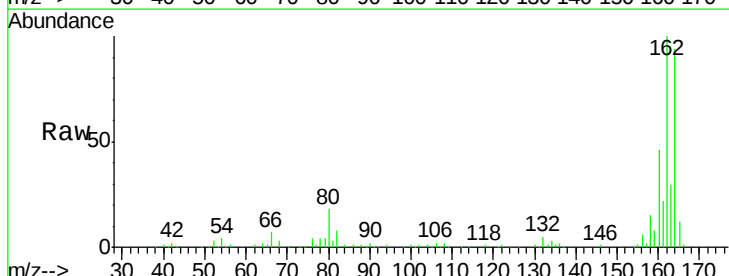
Instrument :
 BNA_F
 ClientSampleId :
 PB91742TB

Tot Ion:172 Resp: 829381
 Ion Ratio Lower Upper
 172 100
 171 35.7 28.6 43.0
 170 23.9 19.2 28.8



#50
 2,6-Dinitrotoluene
 Concen: 8.07 ng
 RT: 9.79 min Scan# 718
 Delta R.T. 0.19 min
 Lab File: BF088735.D
 Acq: 6 Jul 2016 13:37

Tgt Ion:165 Resp: 23563
 Ion Ratio Lower Upper
 165 100
 63 0.0 28.1 42.1#
 89 1.7 32.2 48.2#

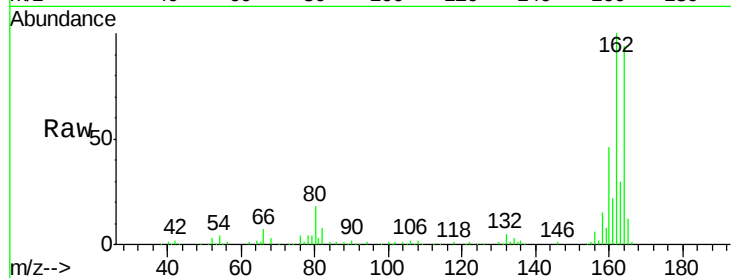




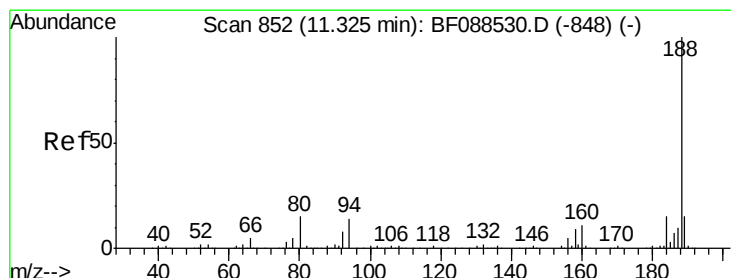
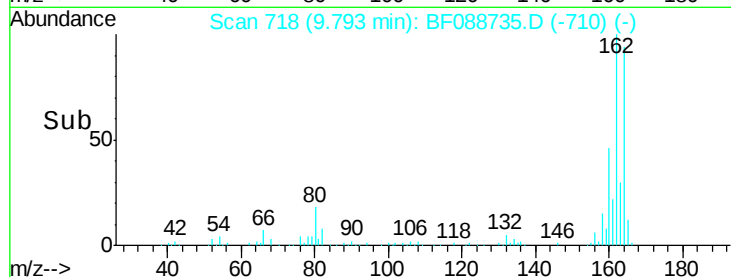
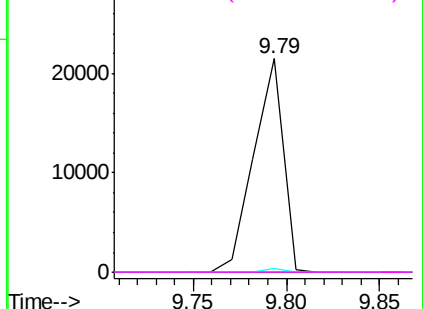
#56
 2,4-Dinitrotoluene
 Concen: 6.18 ng
 RT: 9.79 min Scan# 718
 Delta R.T. -0.21 min
 Lab File: BF088735.D
 Acq: 6 Jul 2016 13:37

Instrument :
 BNA_F
 ClientSampleId :
 PB91742TB

Tot Ion:165 Resp: 23564
 Ion Ratio Lower Upper
 165 100
 63 0.0 22.0 33.0#
 89 1.7 41.1 61.7#
 182 0.0 2.0 3.0#

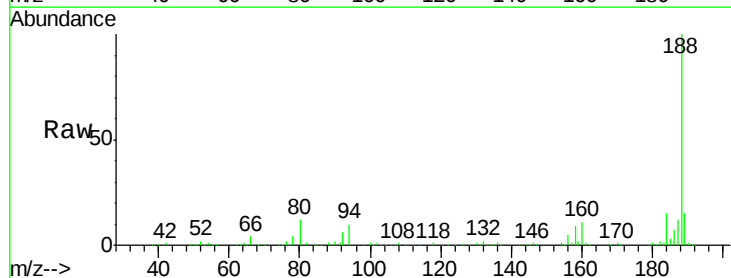


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

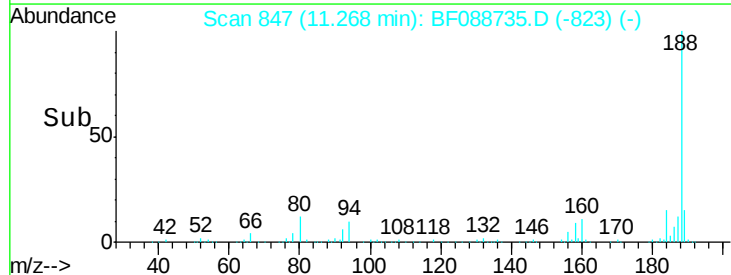
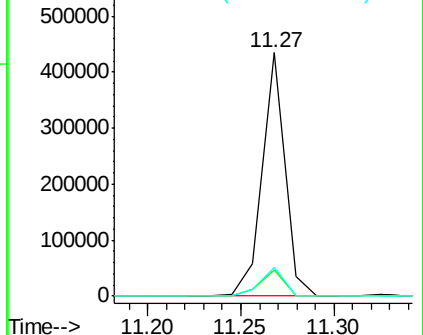


#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.27 min Scan# 847
 Delta R.T. -0.02 min
 Lab File: BF088735.D
 Acq: 6 Jul 2016 13:37

Tgt Ion:188 Resp: 364424
 Ion Ratio Lower Upper
 188 100
 94 10.5 9.0 13.6
 80 11.7 10.0 15.0



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: 13.89 min Scan# 1076

Delta R.T. -0.03 min

Lab File: BF088735.D

Acq: 6 Jul 2016 13:37

Instrument :

BNA_F

ClientSampleId :

PB91742TB

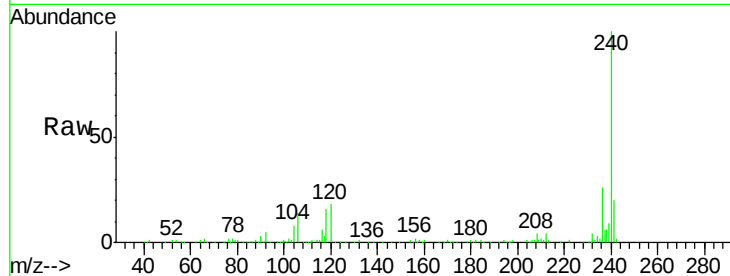
Tot Ion:240 Resp: 291570

Ion Ratio Lower Upper

240 100

120 17.5 6.8 10.2#

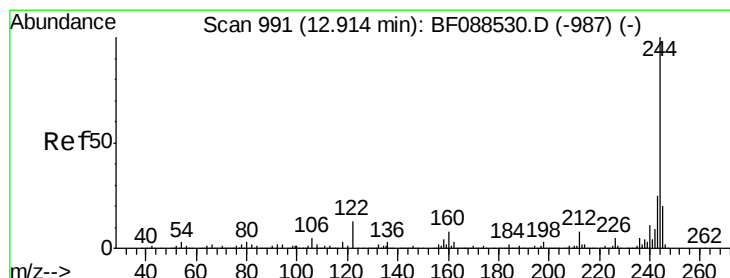
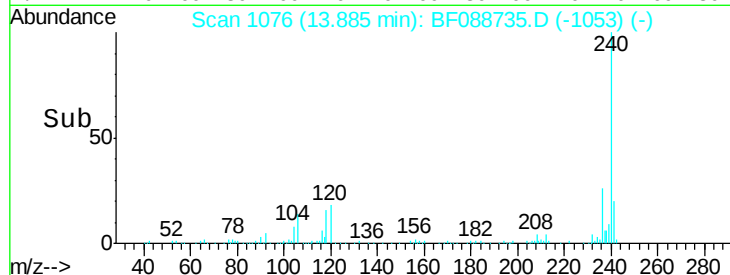
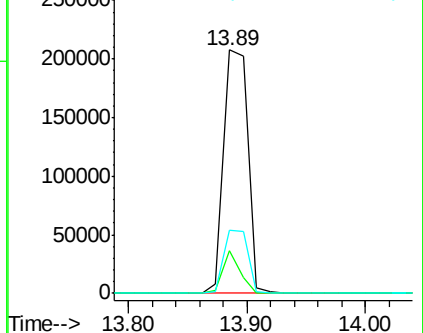
236 26.0 20.2 30.2



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: 65.75 ng

RT: 12.86 min Scan# 986

Delta R.T. -0.01 min

Lab File: BF088735.D

Acq: 6 Jul 2016 13:37

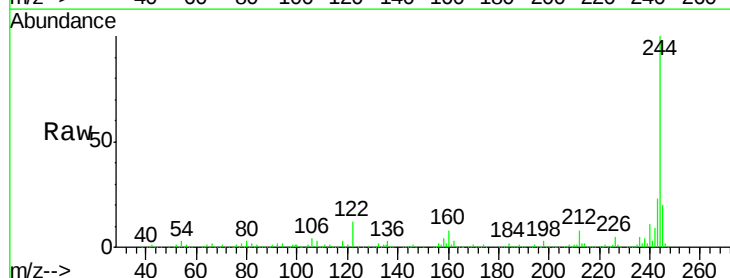
Tgt Ion:244 Resp: 860746

Ion Ratio Lower Upper

244 100

212 7.9 6.0 9.0

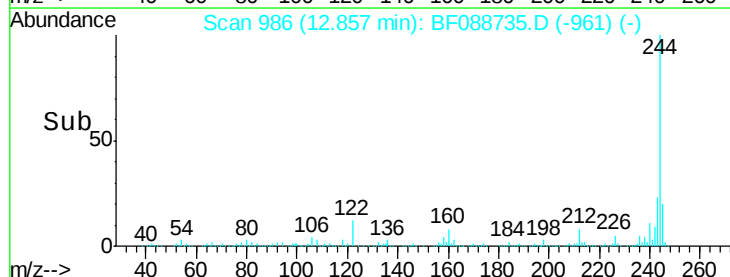
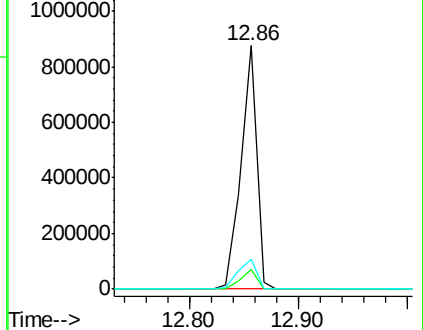
122 12.4 11.2 16.8

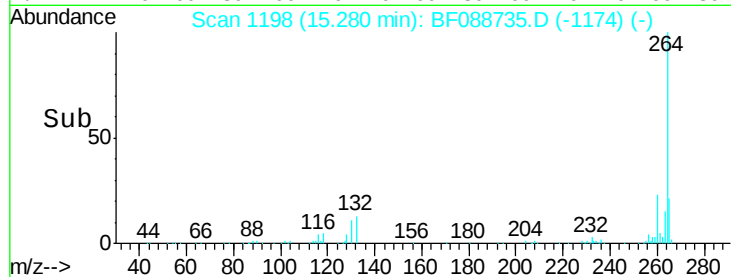
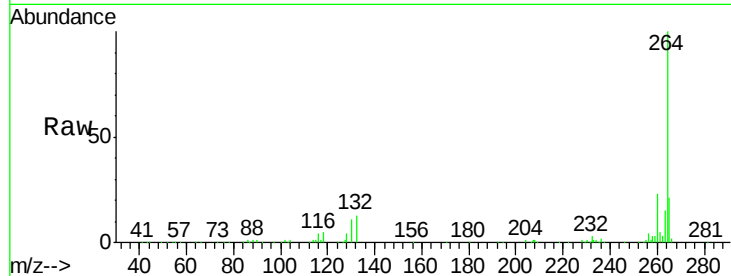
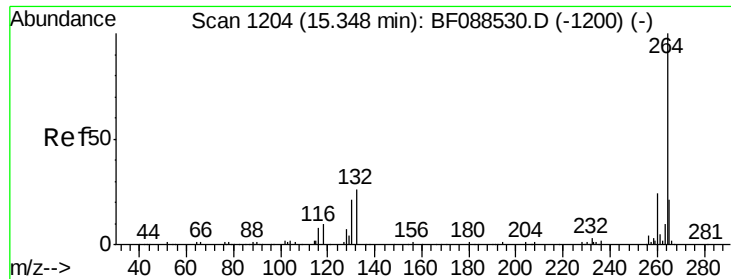


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.28 min Scan# 1198
 Delta R.T. -0.02 min
 Lab File: BF088735.D
 Acq: 6 Jul 2016 13:37

Instrument :
 BNA_F
 ClientSampleId :
 PB91742TB

Tot Ion:264	Resp:	214335
Ion	Ratio	Lower Upper
264	100	
260	23.2	19.2 28.8
265	20.9	16.9 25.3

