

Data Path : Z:\HPCHEM1\BNA_J\data\BJ121012\
 Data File : BJ001330.D
 Acq On : 10 Dec 2012 19:28
 Operator : HLM
 Sample : PB67346BSD
 Misc : WATER BNA_J HLM
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_J
 ClientSampleId :
 PB67346BSD

Quant Time: Dec 14 21:40:59 2012
 Quant Method : H:\VOL1\GCMSDATA\J\METHODS\BJ121012.M
 Quant Title : CWA degradation products by GCMS
 QLast Update : Mon Dec 10 18:28:25 2012
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

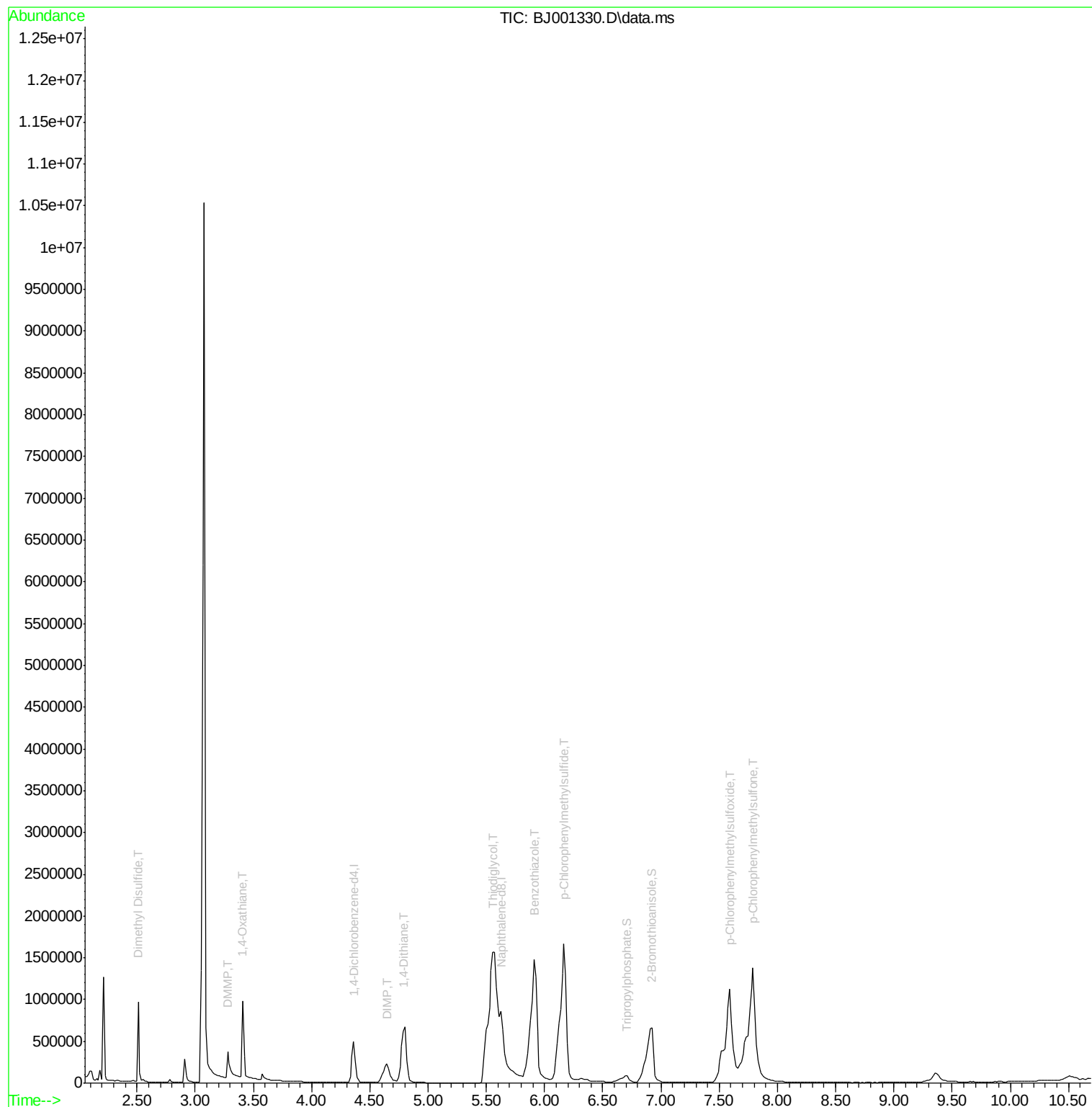
Internal Standards						
1) 1,4-Dichlorobenzene-d4	4.360	152	161683	2.00	ug/mL	0.00
6) Naphthalene-d8	5.626	136	722156	2.00	ug/mL	0.00
System Monitoring Compounds						
10) Tripropylphosphate	6.708	99	154260	0.52	ug/mL	0.00
Spiked Amount 0.500	Range 70 - 130		Recovery	=	104.00%	
12) 2-Bromothioanisole	6.922	204	331351	4.60	ug/mL	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery	=	92.00%	
Target Compounds						
						Qvalue
2) Dimethyl Disulfide	2.510	94	175050m	2.57	ug/mL	
3) DMMP	3.278	79	237794	3.03	ug/mL	83
4) DIMP	4.644	97	292258	1.86	ug/mL	86
5) 1,4-Oxathiane	3.406	46	376266	4.32	ug/mL	79
7) 1,4-Dithiane	4.787	46	329479	4.52	ug/mL	87
8) Thiodiglycol	5.555	61	2484439m	39.79	ug/mL	
9) Benzothiazole	5.911	135	1902117	9.10	ug/mL	99
11) p-Chlorophenylmethyisu...	6.167	158	1128863	8.99	ug/mL	96
13) p-Chlorophenylmethyisu...	7.590	159	997299m	9.79	ug/mL	
14) p-Chlorophenylmethyisu...	7.790	111	1193571	8.97	ug/mL	96

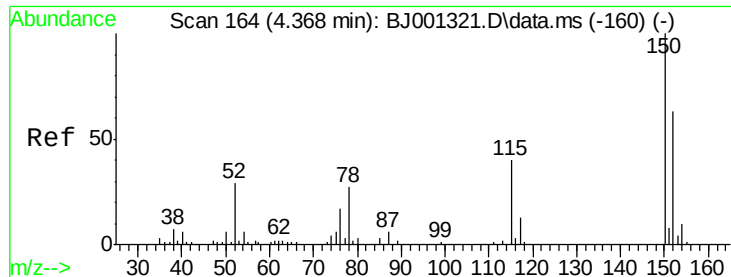
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 2.00 ug/mL

RT: 4.360 min Scan# 16

Delta R.T. -0.009 min

Lab File: BJ001330.D

Acq: 10 Dec 2012 19:28

Instrument :

BNA_J

ClientSampleId :

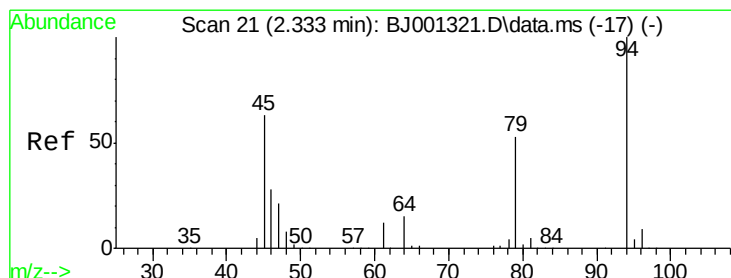
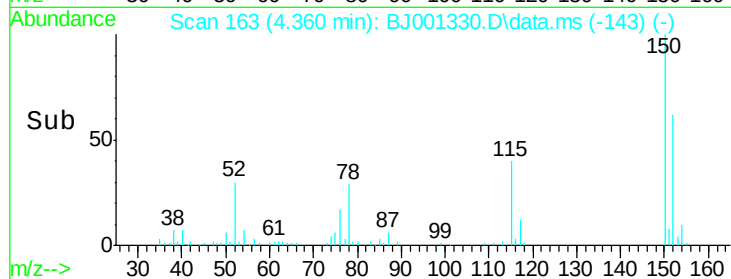
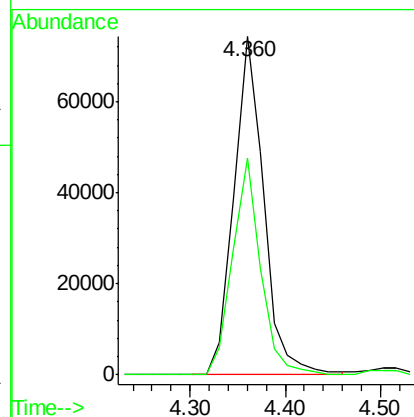
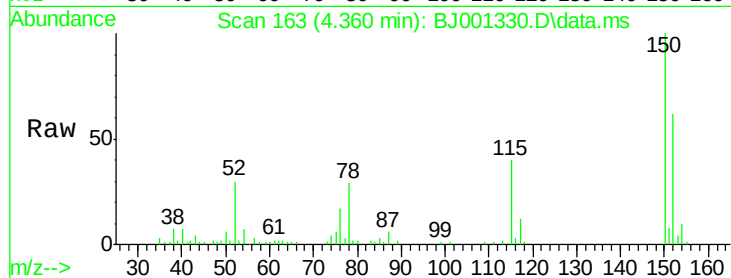
PB67346BSD

Tgt Ion:152 Resp: 161683

Ion Ratio Lower Upper

152 100

115 63.9 26.3 66.3



#2

Dimethyl Disulfide

Concen: 2.57 ug/mL m

RT: 2.510 min Scan# 33

Delta R.T. 0.177 min

Lab File: BJ001330.D

Acq: 10 Dec 2012 19:28

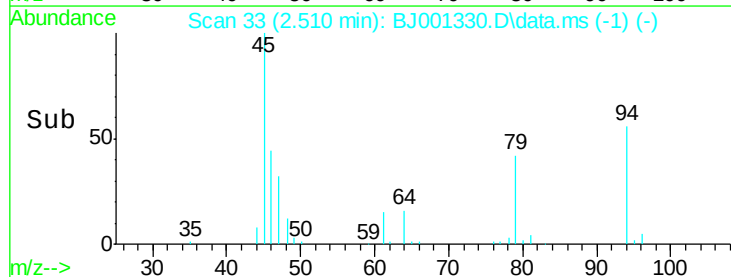
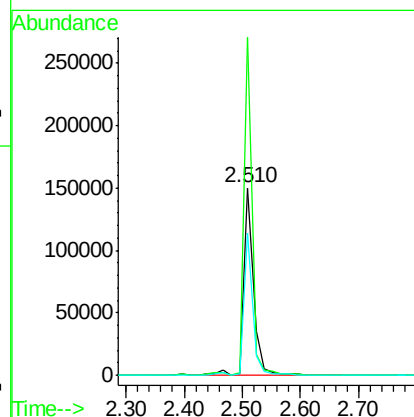
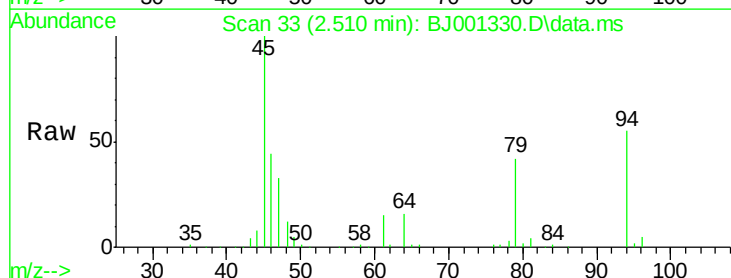
Tgt Ion: 94 Resp: 175050

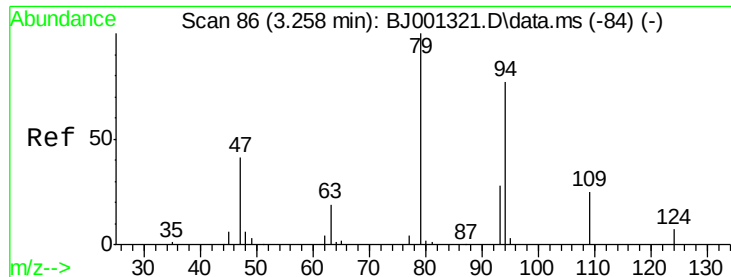
Ion Ratio Lower Upper

94 100

45 180.5 26.5 66.5#

79 76.1 33.4 73.4#

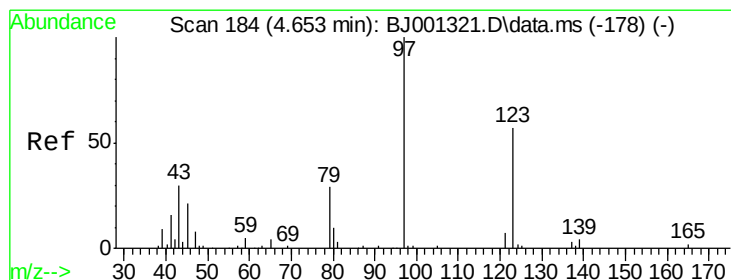
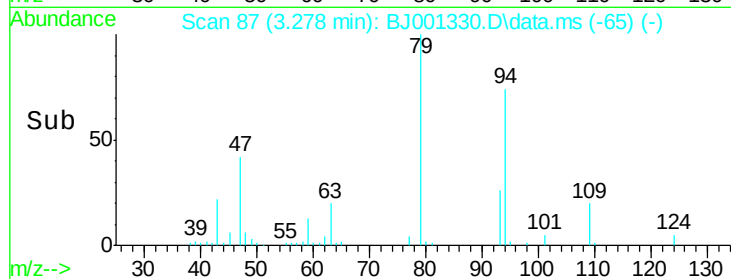
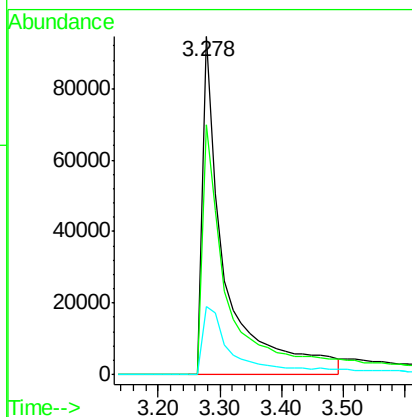
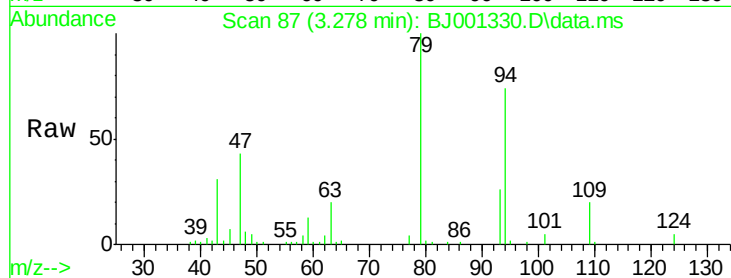




#3
DMMP
Concen: 3.03 ug/mL
RT: 3.278 min Scan# 87
Delta R.T. 0.020 min
Lab File: BJ001330.D
Acq: 10 Dec 2012 19:28

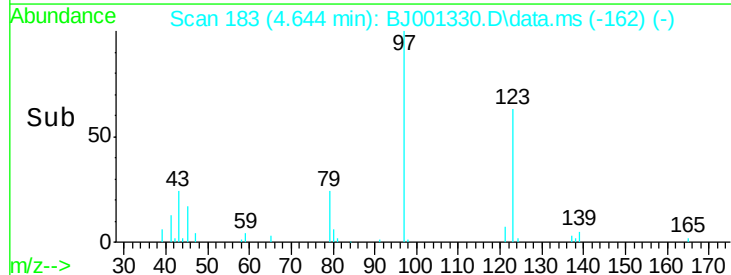
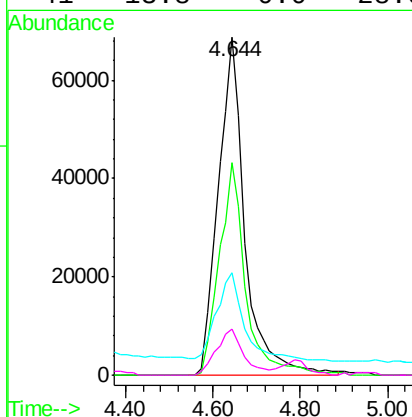
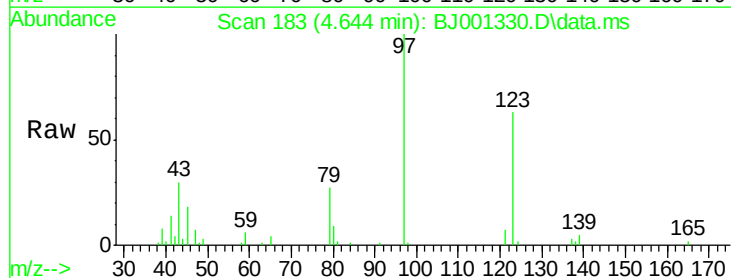
Instrument :
BNA_J
ClientSampleId :
PB67346BSD

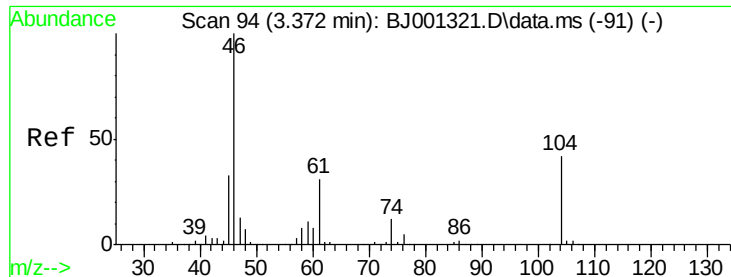
Tgt Ion: 79 Resp: 237794
Ion Ratio Lower Upper
79 100
94 74.0 69.1 109.1
109 20.3 10.5 50.5



#4
DIMP
Concen: 1.86 ug/mL
RT: 4.644 min Scan# 183
Delta R.T. -0.008 min
Lab File: BJ001330.D
Acq: 10 Dec 2012 19:28

Tgt Ion: 97 Resp: 292258
Ion Ratio Lower Upper
97 100
123 62.9 36.4 76.4
43 30.2 0.0 37.2
41 13.8 0.0 28.0





#5

1,4-Oxathiane

Concen: 4.32 ug/mL

RT: 3.406 min Scan# 96

Delta R.T. 0.034 min

Lab File: BJ001330.D

Acq: 10 Dec 2012 19:28

Instrument :

BNA_J

ClientSampleId :

PB67346BSD

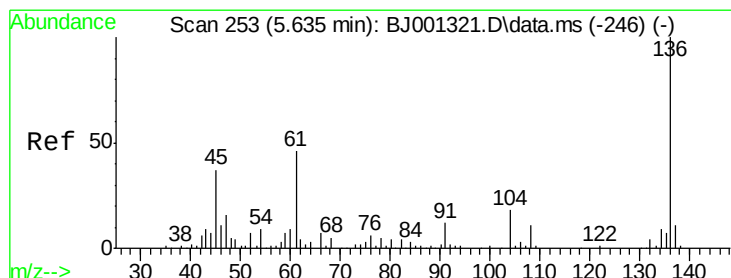
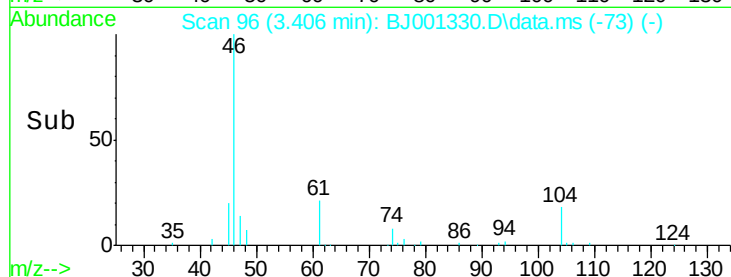
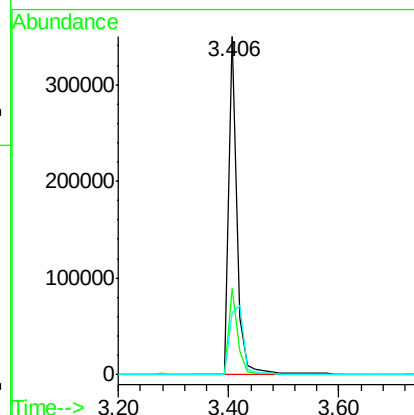
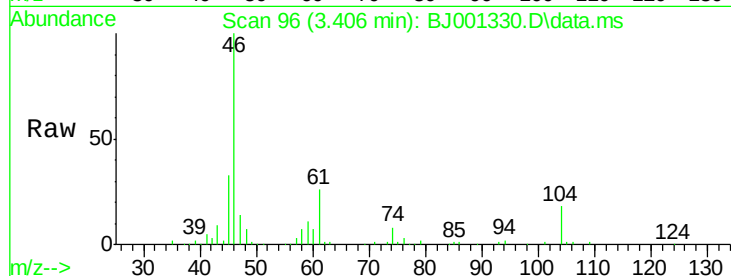
Tgt Ion: 46 Resp: 376266

Ion Ratio Lower Upper

46 100

61 25.5 13.2 53.2

104 18.3 14.2 54.2



#6

Naphthalene-d8

Concen: 2.00 ug/mL

RT: 5.626 min Scan# 252

Delta R.T. -0.009 min

Lab File: BJ001330.D

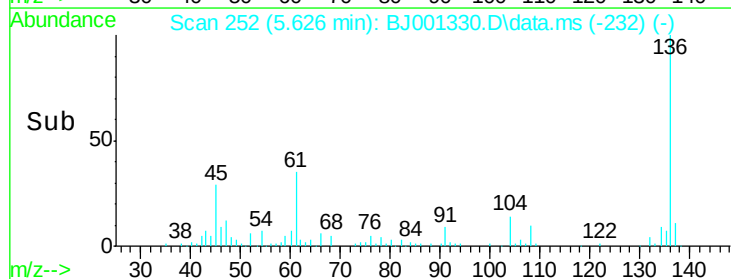
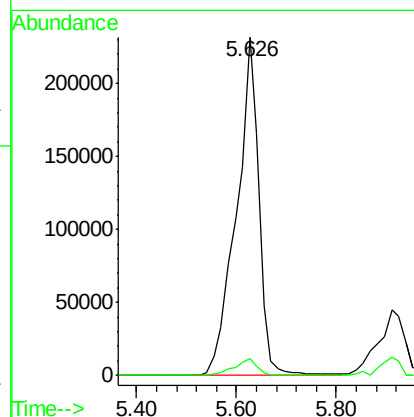
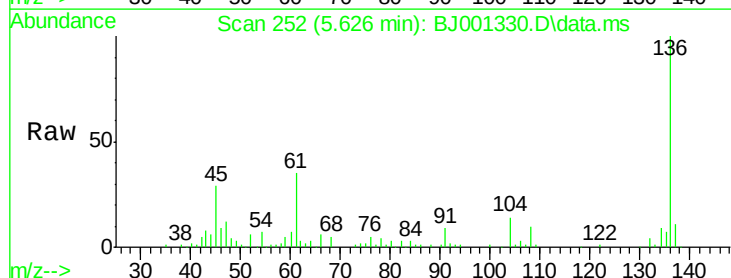
Acq: 10 Dec 2012 19:28

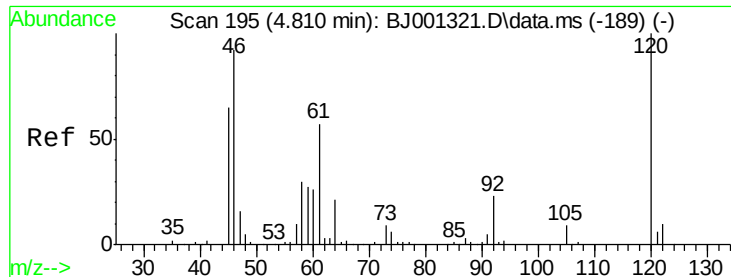
Tgt Ion: 136 Resp: 722156

Ion Ratio Lower Upper

136 100

68 4.9 0.0 25.9





#7

1,4-Dithiane

Concen: 4.52 ug/mL

RT: 4.787 min Scan# 19

Delta R.T. -0.022 min

Lab File: BJ001330.D

Acq: 10 Dec 2012 19:28

Instrument :

BNA_J

ClientSampleId :

PB67346BSD

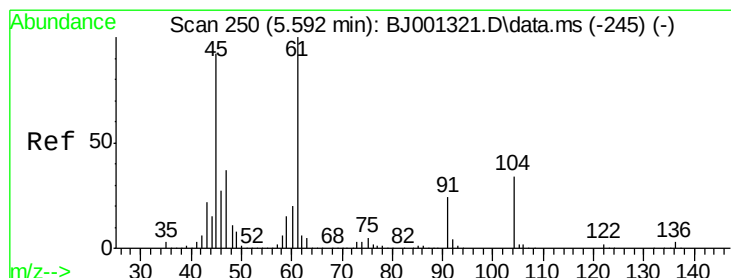
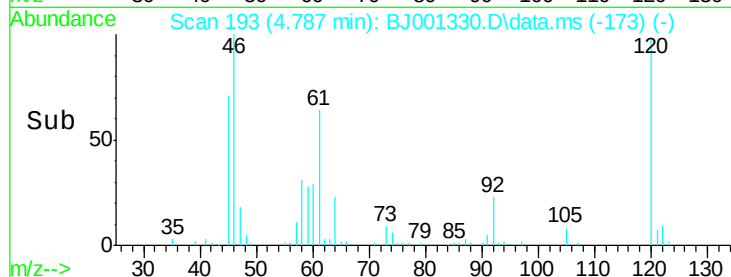
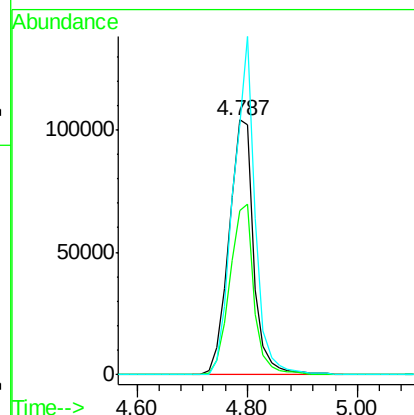
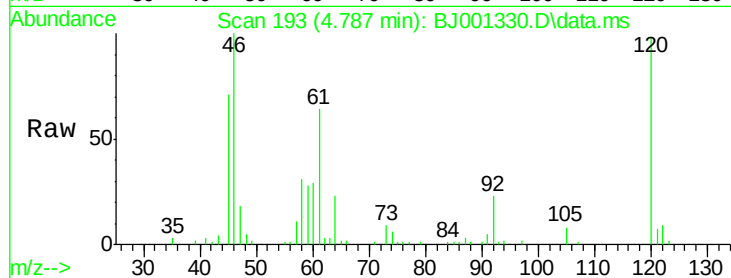
Tgt Ion: 46 Resp: 329479

Ion Ratio Lower Upper

46 100

61 64.2 57.0 97.0

120 98.1 91.5 131.5



#8

Thiodiglycol

Concen: 39.79 ug/mL m

RT: 5.555 min Scan# 247

Delta R.T. -0.037 min

Lab File: BJ001330.D

Acq: 10 Dec 2012 19:28

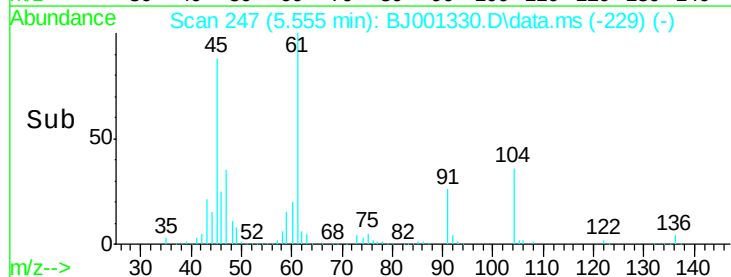
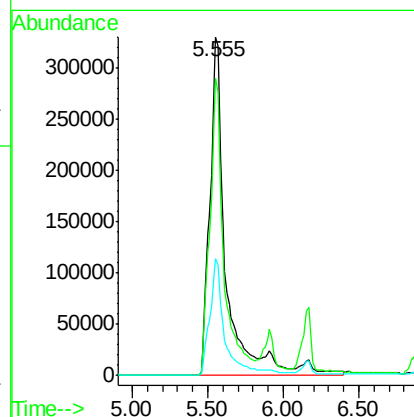
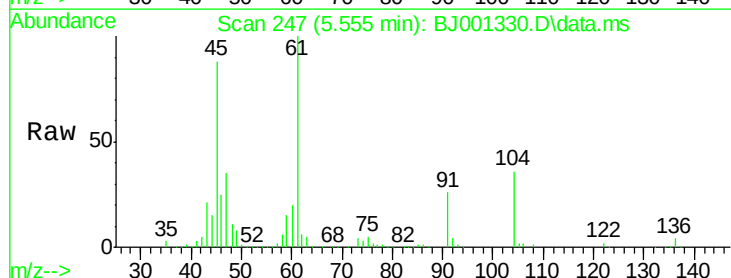
Tgt Ion: 61 Resp: 2484439

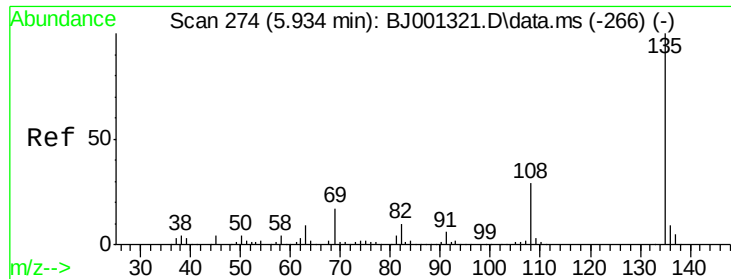
Ion Ratio Lower Upper

61 100

45 87.8 56.0 96.0

47 34.6 10.0 50.0





#9

Benzothiazole

Concen: 9.10 ug/mL

RT: 5.911 min Scan# 27

Delta R.T. -0.023 min

Lab File: BJ001330.D

Acq: 10 Dec 2012 19:28

Instrument :

BNA_J

ClientSampleId :

PB67346BSD

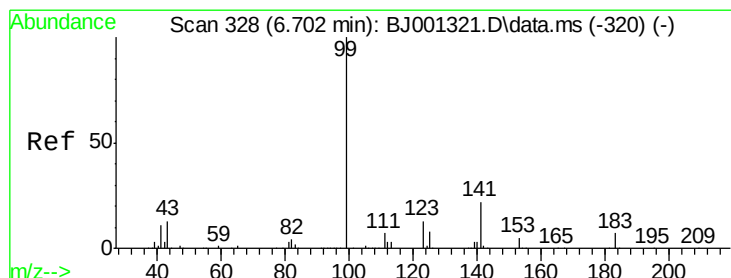
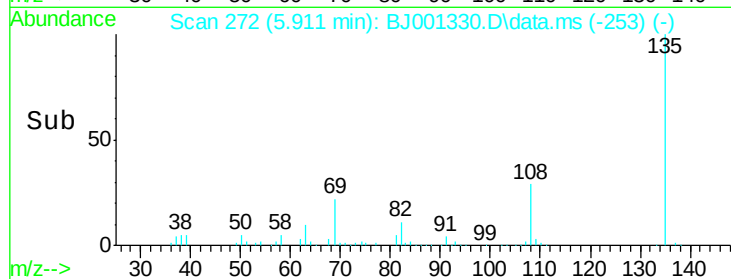
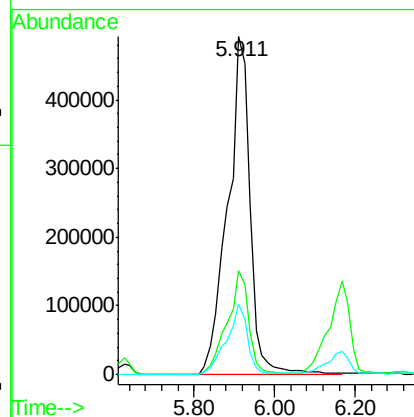
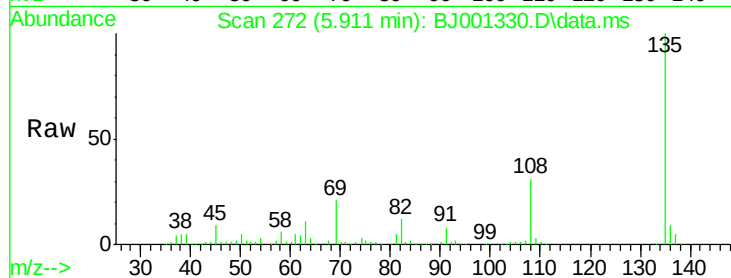
Tgt Ion:135 Resp: 1902117

Ion Ratio Lower Upper

135 100

108 30.9 12.0 52.0

69 21.0 1.1 41.1



#10

Tripropylphosphate

Concen: 0.52 ug/mL

RT: 6.708 min Scan# 328

Delta R.T. 0.006 min

Lab File: BJ001330.D

Acq: 10 Dec 2012 19:28

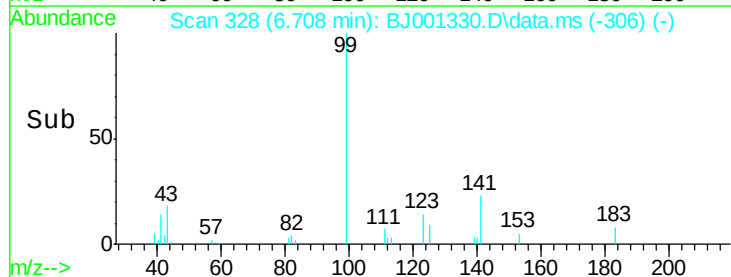
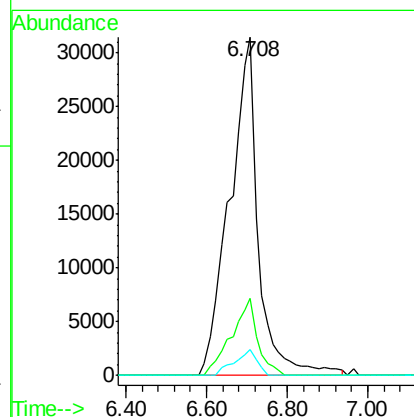
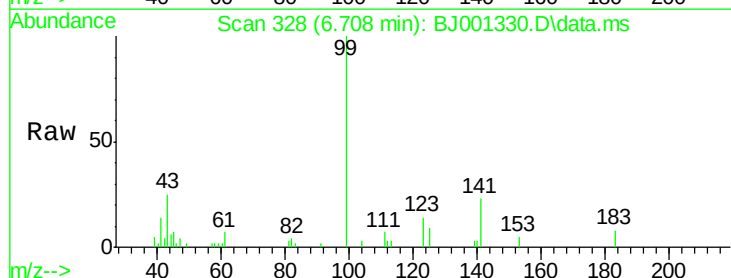
Tgt Ion: 99 Resp: 154260

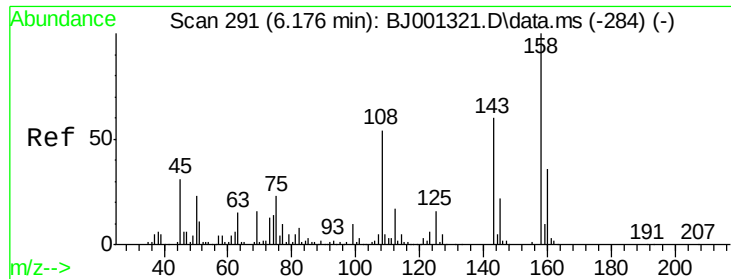
Ion Ratio Lower Upper

99 100

141 20.8 14.7 22.1

183 5.9 4.6 6.8

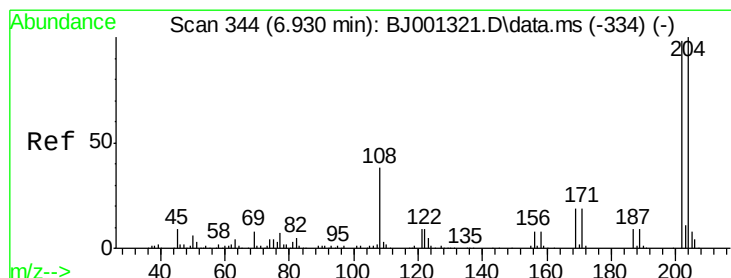
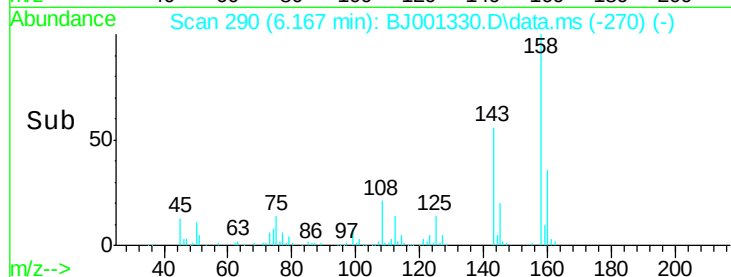
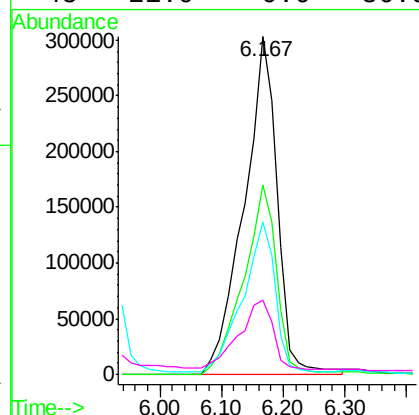
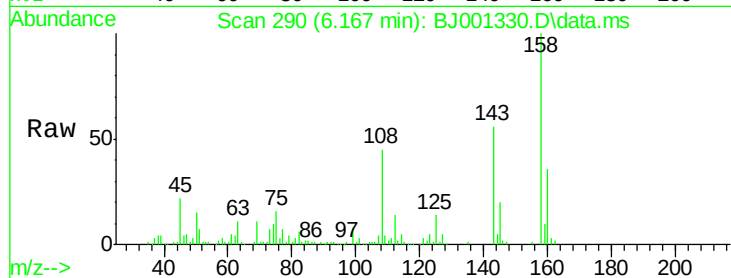




#11
p-Chlorophenylmethylsulfide
Concen: 8.99 ug/mL
RT: 6.167 min Scan# 291
Delta R.T. -0.009 min
Lab File: BJ001330.D
Acq: 10 Dec 2012 19:28

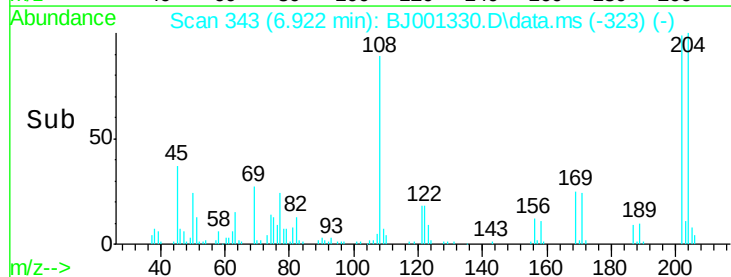
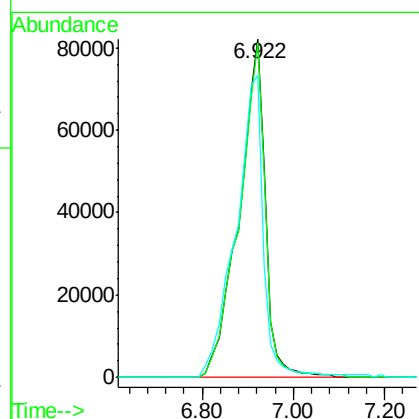
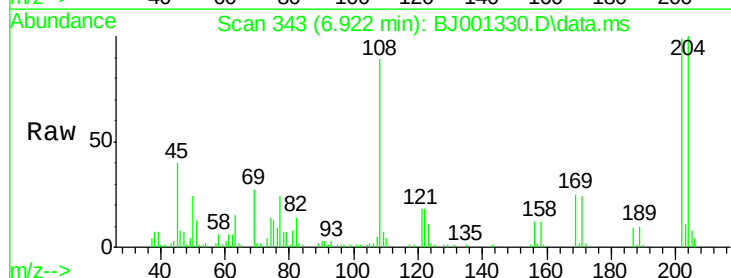
Instrument :
BNA_J
ClientSampleId :
PB67346BSD

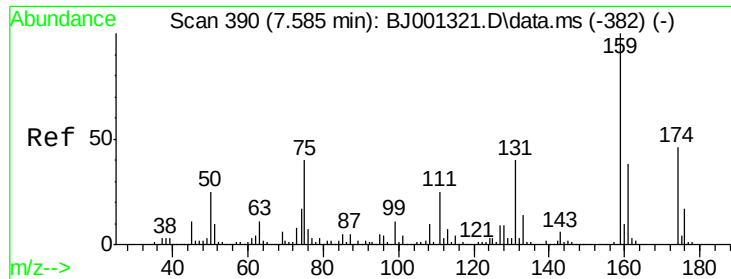
Tgt Ion:	158	Resp:	1128863
Ion	Ratio	Lower	Upper
158	100		
143	56.0	34.4	74.4
108	45.1	22.9	62.9
45	21.9	0.0	36.9



#12
2-Bromothioanisole
Concen: 4.60 ug/mL
RT: 6.922 min Scan# 343
Delta R.T. -0.009 min
Lab File: BJ001330.D
Acq: 10 Dec 2012 19:28

Tgt Ion:	204	Resp:	331351
Ion	Ratio	Lower	Upper
204	100		
202	98.9	80.7	120.7
108	89.3	87.3	127.3

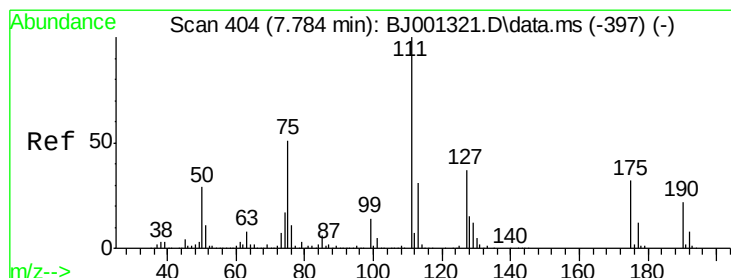
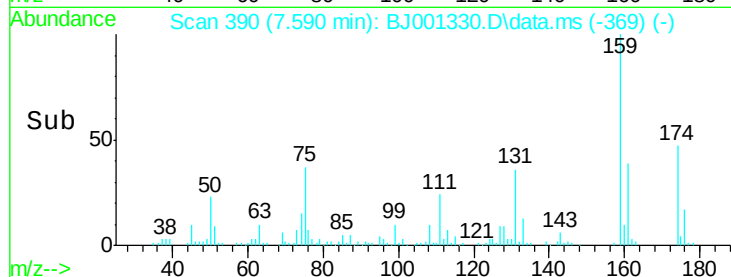
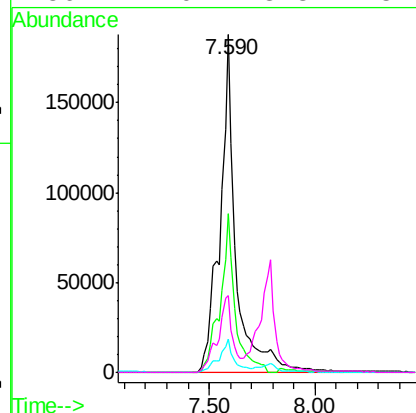
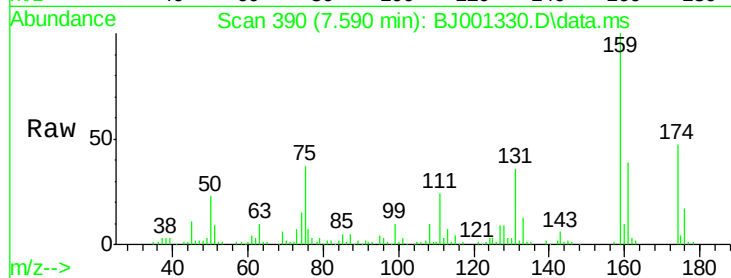




#13
p-Chlorophenylmethylsulfoxide
Concen: 9.79 ug/mL m
RT: 7.590 min Scan# 390
Delta R.T. 0.006 min
Lab File: BJ001330.D
Acq: 10 Dec 2012 19:28

Instrument :
BNA_J
ClientSampleId :
PB67346BSD

Tgt Ion:	159	Resp:	997299
Ion	Ratio	Lower	Upper
159	100		
174	43.5	26.4	66.4
108	9.1	0.0	29.6
50	21.0	3.3	43.3



#14
p-Chlorophenylmethylsulfone
Concen: 8.97 ug/mL
RT: 7.790 min Scan# 404
Delta R.T. 0.006 min
Lab File: BJ001330.D
Acq: 10 Dec 2012 19:28

Tgt Ion:	111	Resp:	1193571
Ion	Ratio	Lower	Upper
111	100		
75	45.1	27.3	67.3
127	38.7	17.0	57.0
190	24.9	0.8	40.8

