

Data Path : S:\HPCHEM1\BNA_J\data\BJ092412\
 Data File : BJ001146.D
 Acq On : 24 Sep 2012 16:27
 Operator : HLM
 Sample : CWA-4
 Misc : CWA STD BNA_J HLM
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_J
 LabSampleId :
 CWA-4

Quant Time: Oct 09 04:42:09 2012
 Quant Method : H:\VOL1\GCMSDATA\J\METHODS\BJ092412.M
 Quant Title : CWA degradation products by GCMS
 QLast Update : Thu Sep 27 16:58:07 2012
 Response via : Initial Calibration

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

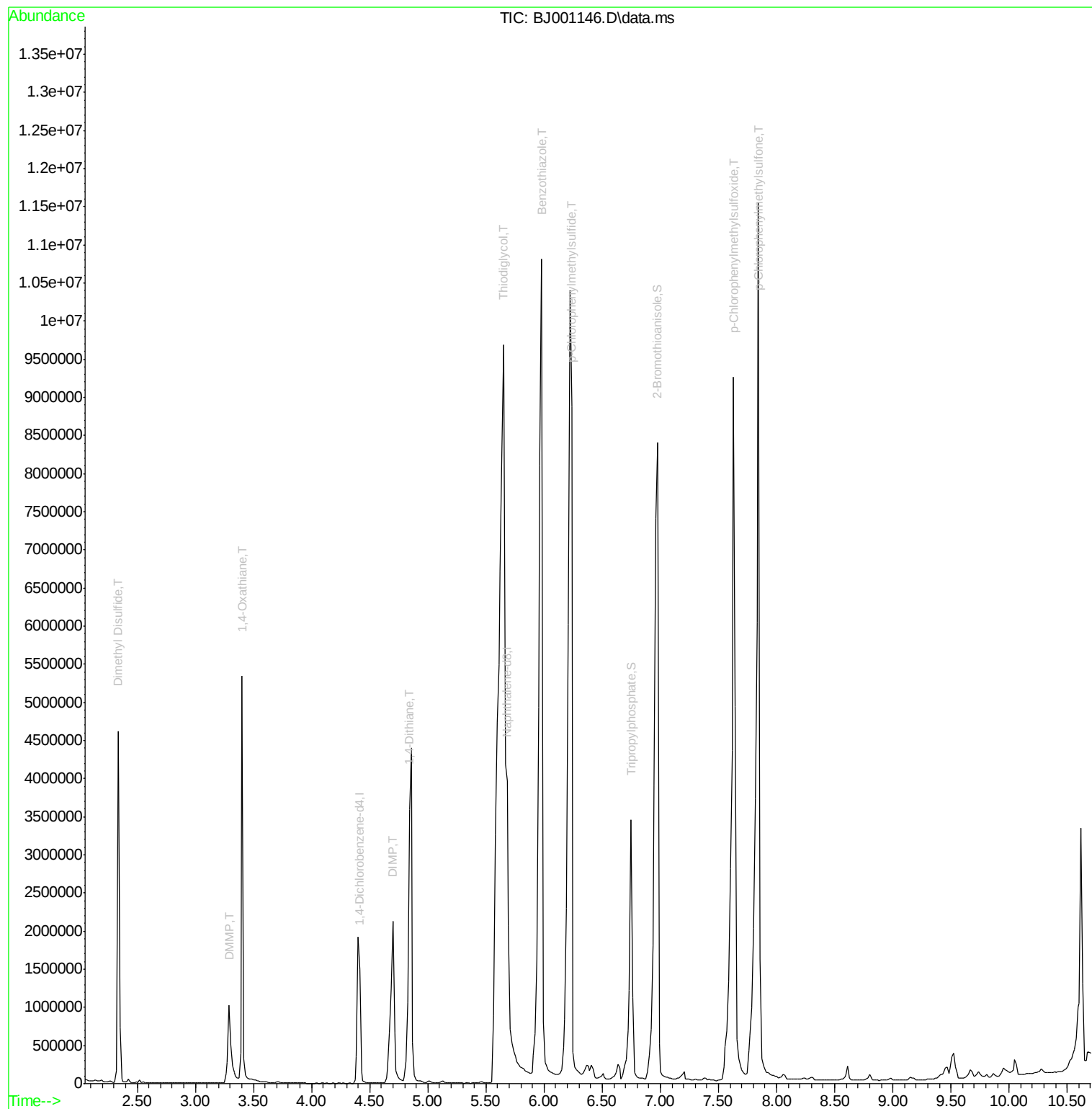
Internal Standards						
1) 1,4-Dichlorobenzene-d4	4.414	152	650587	2.00	ug/mL	0.00
6) Naphthalene-d8	5.681	136	2741125	2.00	ug/mL	0.00
System Monitoring Compounds						
10) Tripropylphosphate	6.748	99	2572980	2.17	ug/mL	0.00
Spiked Amount 0.500	Range 70 - 130		Recovery	=	434.00%#	
12) 2-Bromothioanisole	6.976	204	2504340	11.83	ug/mL	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery	=	236.60%#	
Target Compounds						
						Qvalue
2) Dimethyl Disulfide	2.336	94	1513482	5.29	ug/mL	100
3) DMMP	3.290	79	536789	2.44	ug/mL	100
4) DIMP	4.699	97	1547412	2.31	ug/mL	100
5) 1,4-Oxathiane	3.403	46	1597549	5.85	ug/mL	100
7) 1,4-Dithiane	4.841	46	1213518	5.19	ug/mL	100
8) Thiodiglycol	5.652	61	9143562	41.18	ug/mL	100
9) Benzothiazole	5.979	135	9949059	13.36	ug/mL	100
11) p-Chlorophenylmethyisu...	6.236	158	5364297	12.18	ug/mL	100
13) p-Chlorophenylmethyisu...	7.630	159	3851869	13.67	ug/mL#	88
14) p-Chlorophenylmethyisu...	7.844	111	4894583	13.50	ug/mL	100

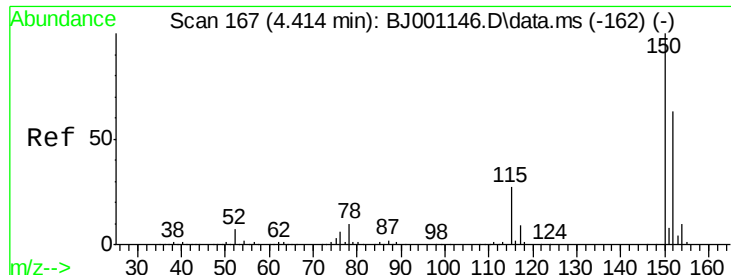
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 2.00 ug/mL

RT: 4.414 min Scan# 16

Delta R.T. 0.000 min

Lab File: BJ001146.D

Acq: 24 Sep 2012 16:27

Instrument :

BNA_J

LabSampleId :

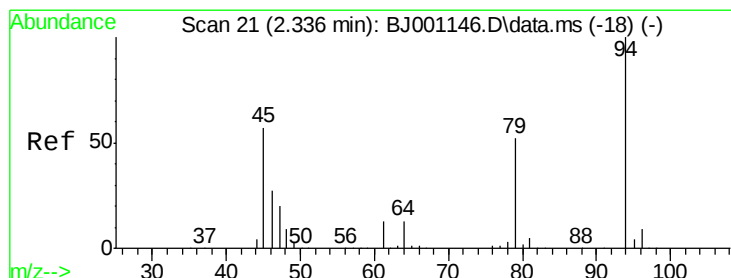
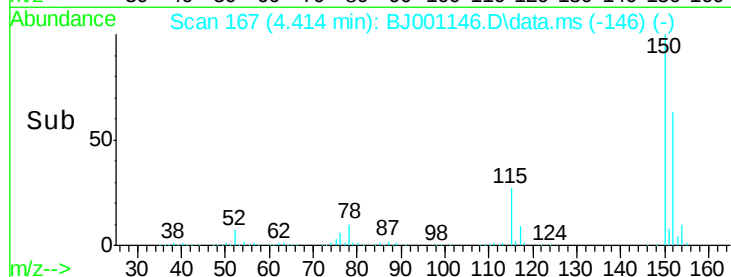
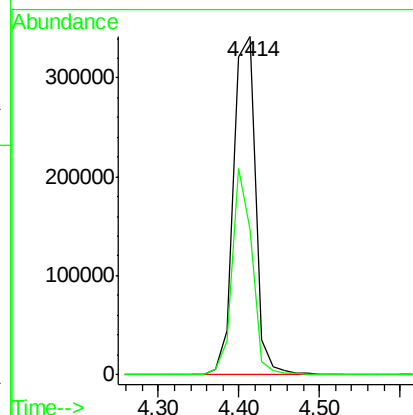
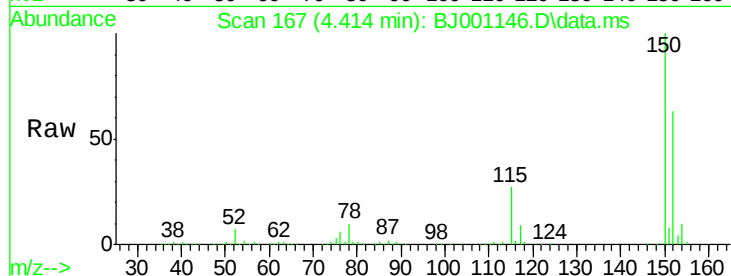
CWA-4

Tgt Ion:152 Resp: 650587

Ion Ratio Lower Upper

152 100

115 42.8 22.8 62.8



#2

Dimethyl Disulfide

Concen: 5.29 ug/mL

RT: 2.336 min Scan# 21

Delta R.T. 0.000 min

Lab File: BJ001146.D

Acq: 24 Sep 2012 16:27

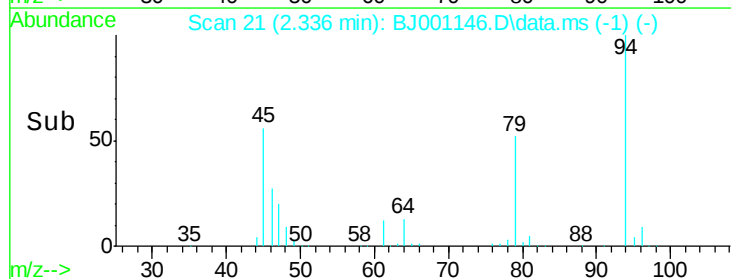
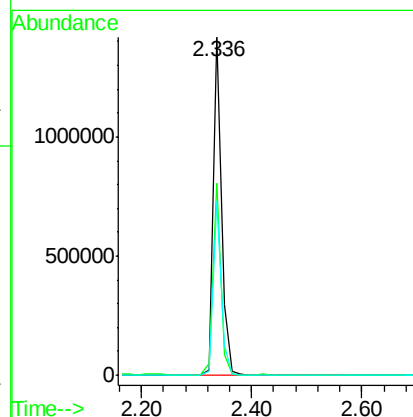
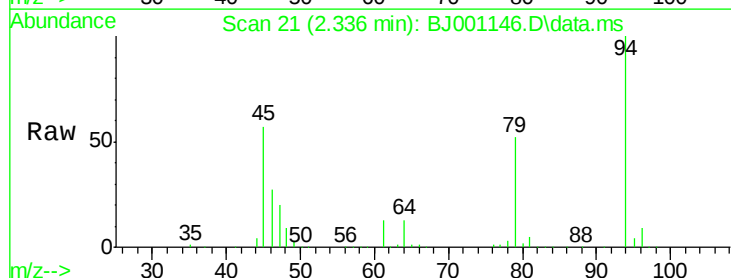
Tgt Ion: 94 Resp: 1513482

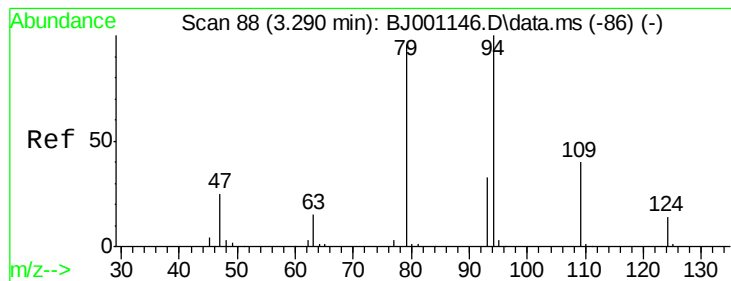
Ion Ratio Lower Upper

94 100

45 56.7 36.7 76.7

79 51.6 31.6 71.6





#3

DMMP

Concen: 2.44 ug/mL

RT: 3.290 min Scan# 88

Delta R.T. 0.000 min

Lab File: BJ001146.D

Acq: 24 Sep 2012 16:27

Instrument :

BNA_J

LabSampleId :

CWA-4

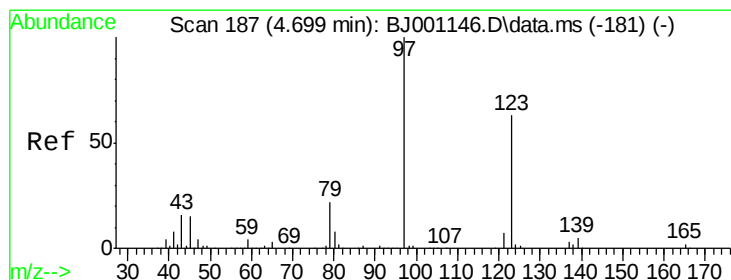
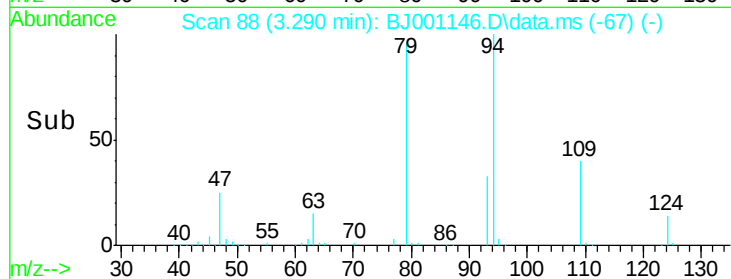
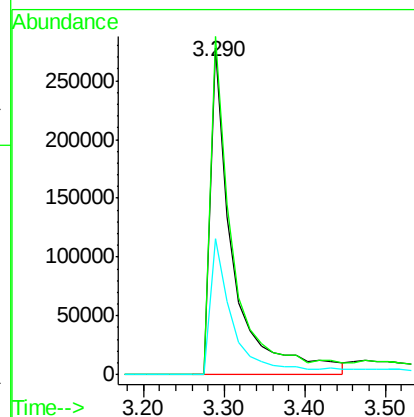
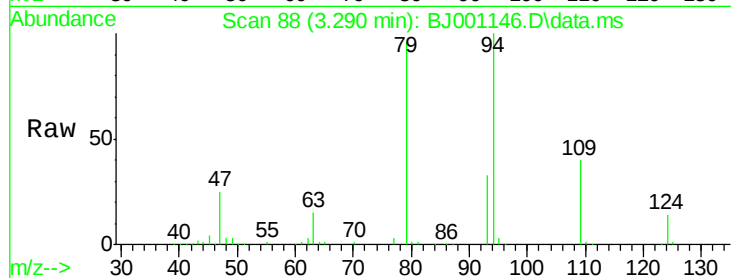
Tgt Ion: 79 Resp: 536789

Ion Ratio Lower Upper

79 100

94 103.7 83.7 123.7

109 41.5 21.5 61.5



#4

DIMP

Concen: 2.31 ug/mL

RT: 4.699 min Scan# 187

Delta R.T. 0.000 min

Lab File: BJ001146.D

Acq: 24 Sep 2012 16:27

Tgt Ion: 97 Resp: 1547412

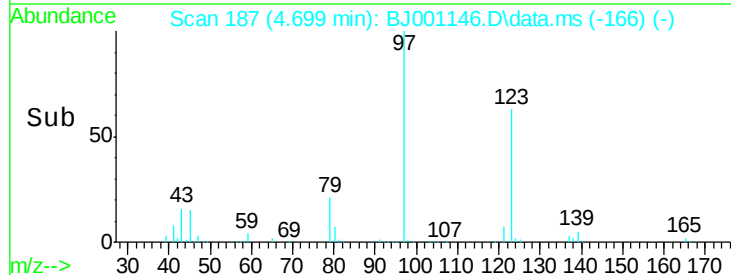
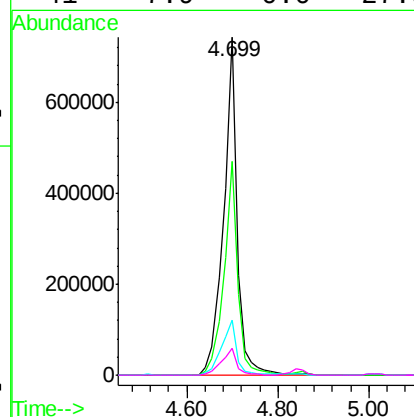
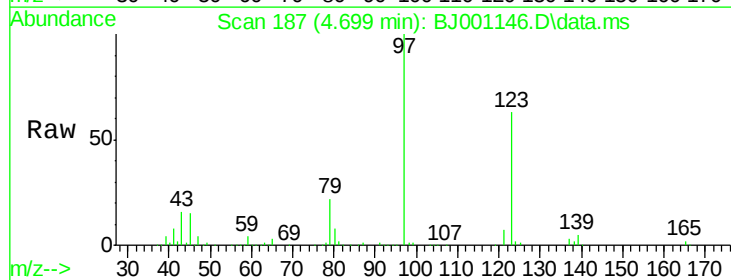
Ion Ratio Lower Upper

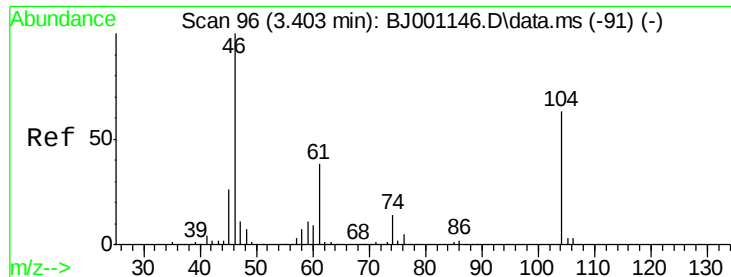
97 100

123 63.3 43.3 83.3

43 16.5 0.0 36.5

41 7.9 0.0 27.9





#5

1,4-Oxathiane

Concen: 5.85 ug/mL

RT: 3.403 min Scan# 96

Delta R.T. 0.000 min

Lab File: BJ001146.D

Acq: 24 Sep 2012 16:27

Instrument :

BNA_J

LabSampleId :

CWA-4

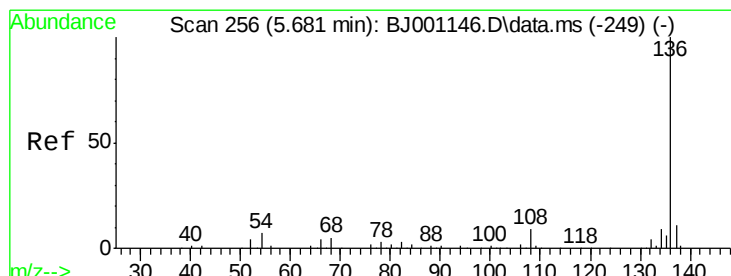
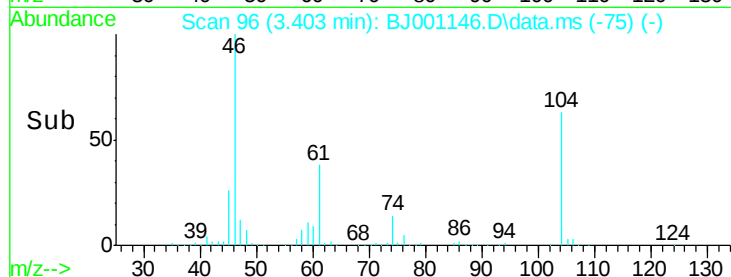
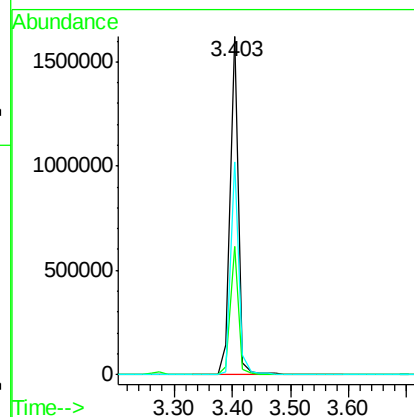
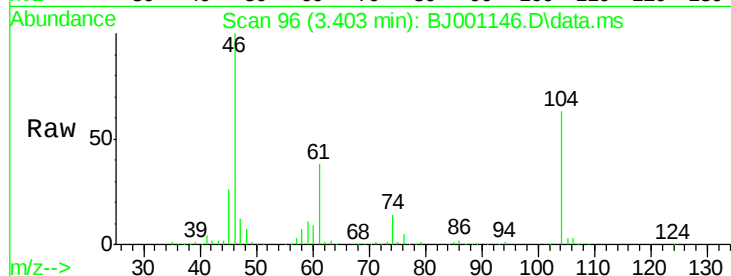
Tgt Ion: 46 Resp: 1597549

Ion Ratio Lower Upper

46 100

61 38.0 18.0 58.0

104 63.0 43.0 83.0



#6

Naphthalene-d8

Concen: 2.00 ug/mL

RT: 5.681 min Scan# 256

Delta R.T. 0.000 min

Lab File: BJ001146.D

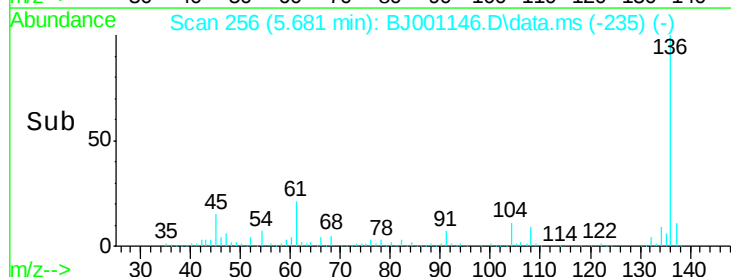
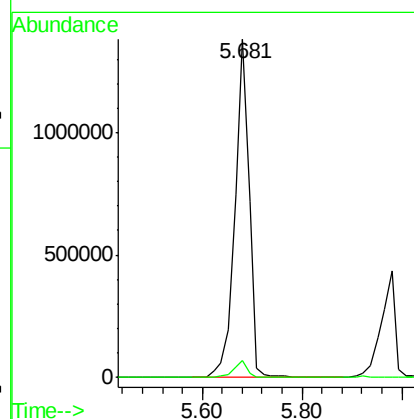
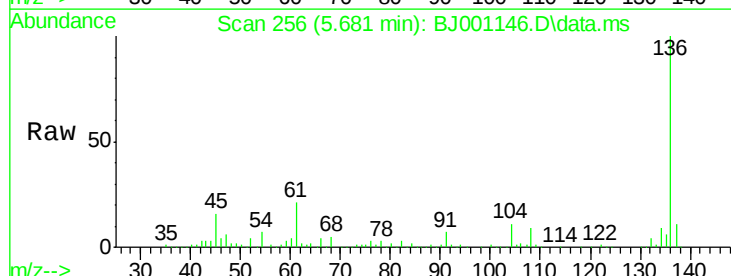
Acq: 24 Sep 2012 16:27

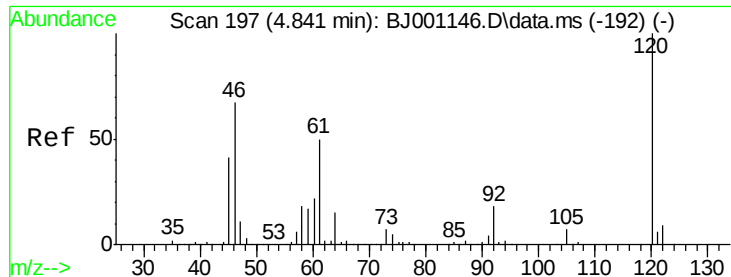
Tgt Ion: 136 Resp: 2741125

Ion Ratio Lower Upper

136 100

68 4.9 0.0 24.9





#7

1,4-Dithiane

Concen: 5.19 ug/mL

RT: 4.841 min Scan# 19

Delta R.T. 0.000 min

Lab File: BJ001146.D

Acq: 24 Sep 2012 16:27

Instrument :

BNA_J

LabSampleId :

CWA-4

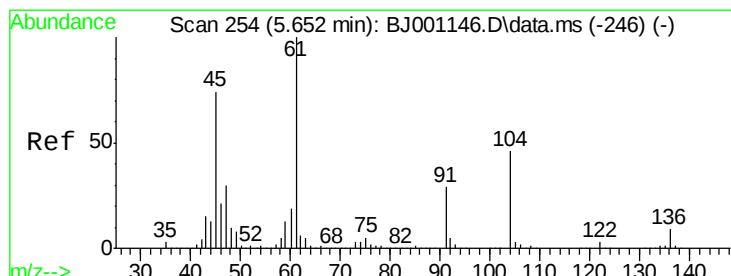
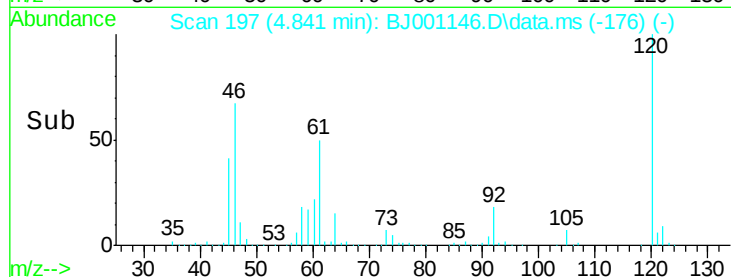
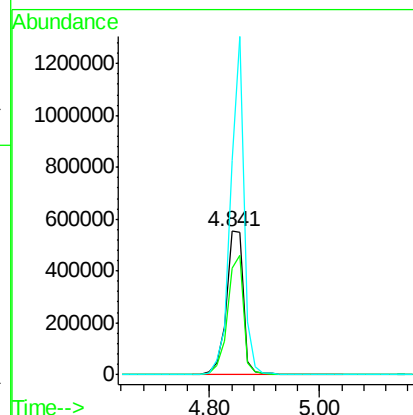
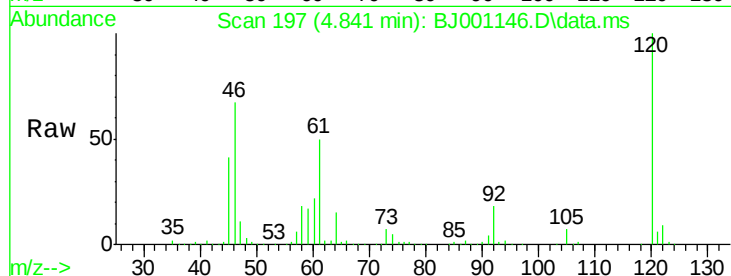
Tgt Ion: 46 Resp: 1213518

Ion Ratio Lower Upper

46 100

61 74.6 54.6 94.6

120 149.2 129.2 169.2



#8

Thiodiglycol

Concen: 41.18 ug/mL

RT: 5.652 min Scan# 254

Delta R.T. 0.000 min

Lab File: BJ001146.D

Acq: 24 Sep 2012 16:27

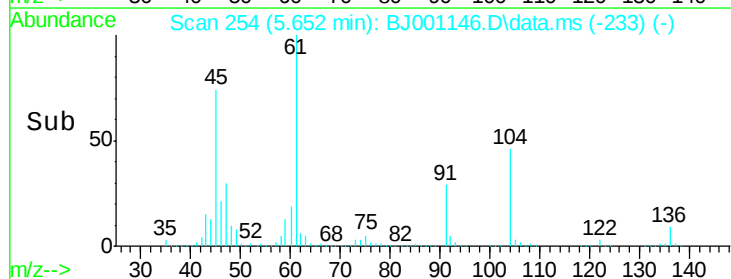
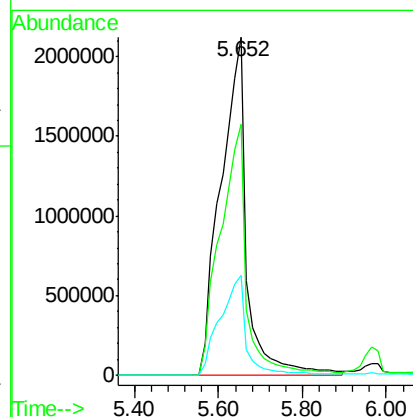
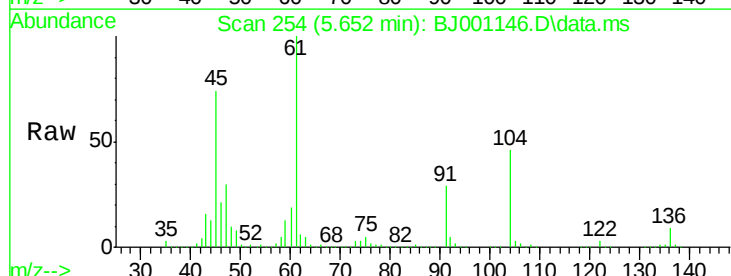
Tgt Ion: 61 Resp: 9143562

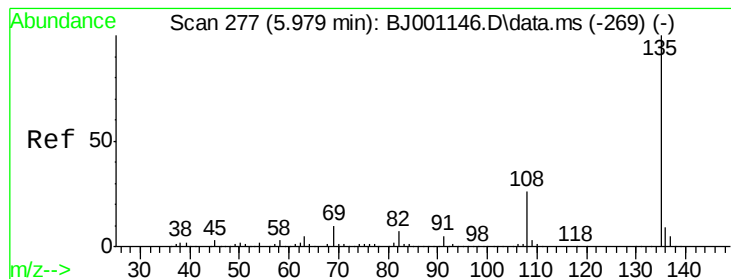
Ion Ratio Lower Upper

61 100

45 74.2 54.2 94.2

47 29.7 9.7 49.7





#9

Benzothiazole

Concen: 13.36 ug/mL

RT: 5.979 min Scan# 27

Delta R.T. 0.000 min

Lab File: BJ001146.D

Acq: 24 Sep 2012 16:27

Instrument :

BNA_J

LabSampleId :

CWA-4

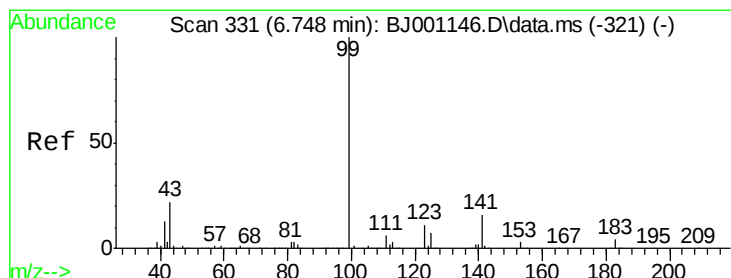
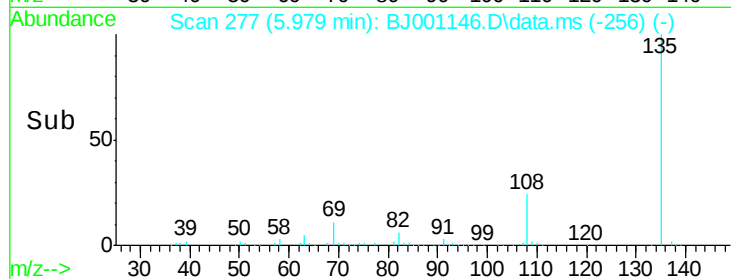
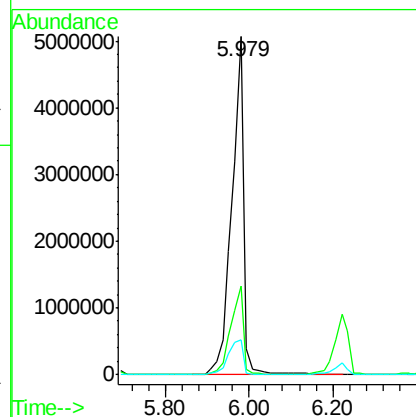
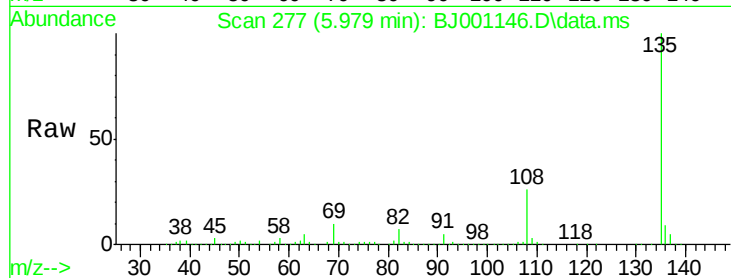
Tgt Ion:135 Resp: 9949059

Ion Ratio Lower Upper

135 100

108 26.2 6.2 46.2

69 10.4 0.0 30.4



#10

Tripropylphosphate

Concen: 2.17 ug/mL

RT: 6.748 min Scan# 331

Delta R.T. 0.000 min

Lab File: BJ001146.D

Acq: 24 Sep 2012 16:27

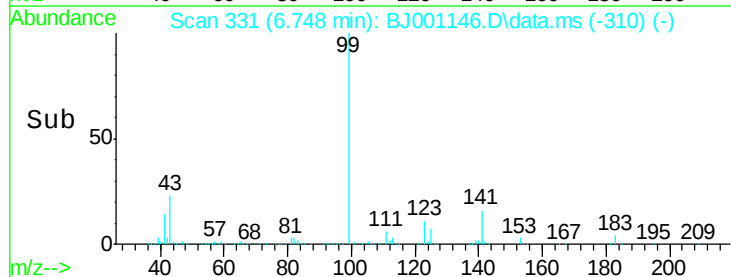
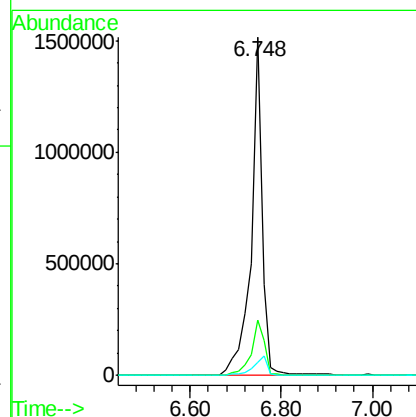
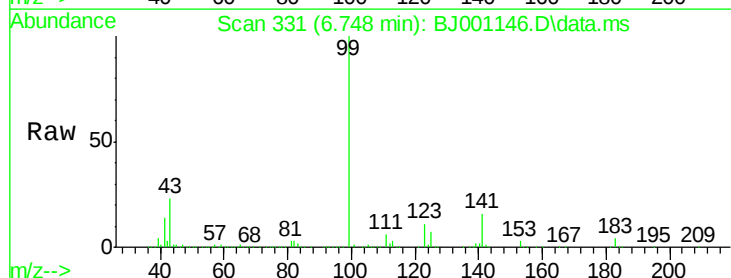
Tgt Ion: 99 Resp: 2572980

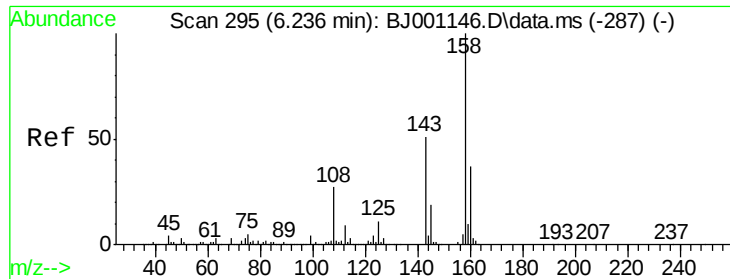
Ion Ratio Lower Upper

99 100

141 20.0 0.0 0.0#

183 6.9 0.0 0.0#

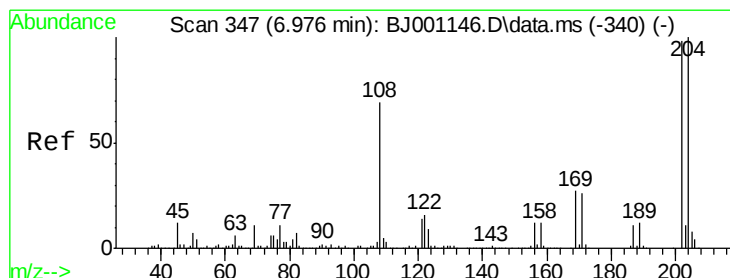
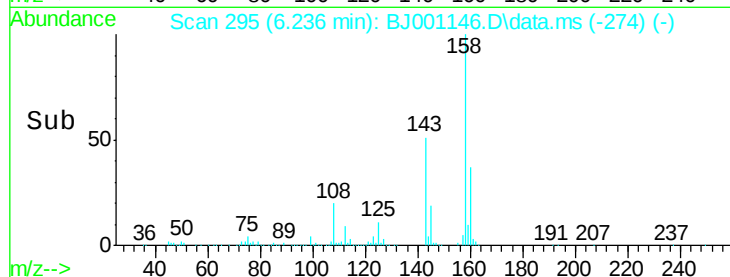
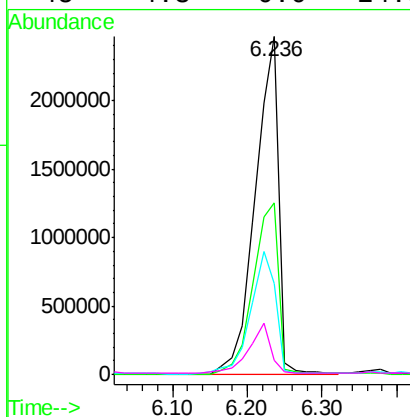
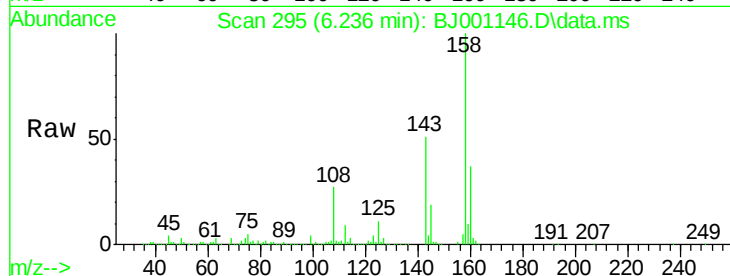




#11
p-Chlorophenylmethylsulfide
Concen: 12.18 ug/mL
RT: 6.236 min Scan# 29
Delta R.T. 0.000 min
Lab File: BJ001146.D
Acq: 24 Sep 2012 16:27

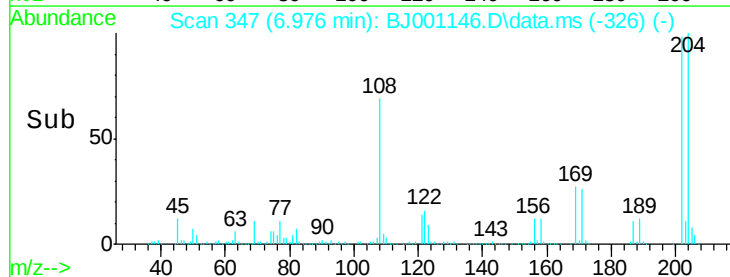
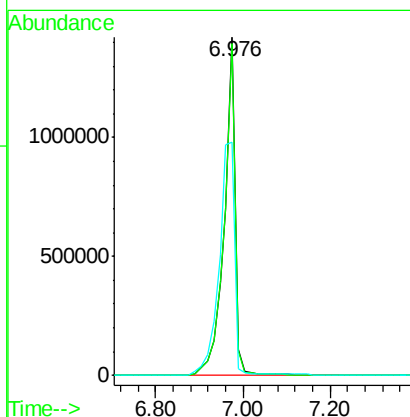
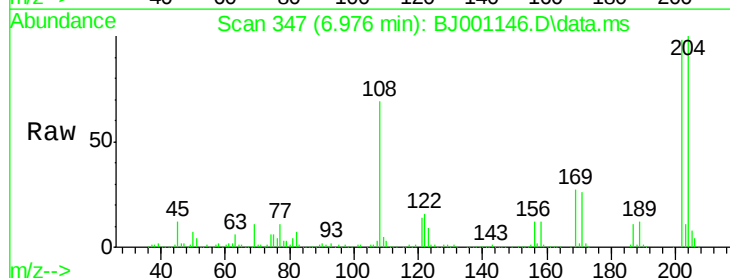
Instrument :
BNA_J
LabSampleId :
CWA-4

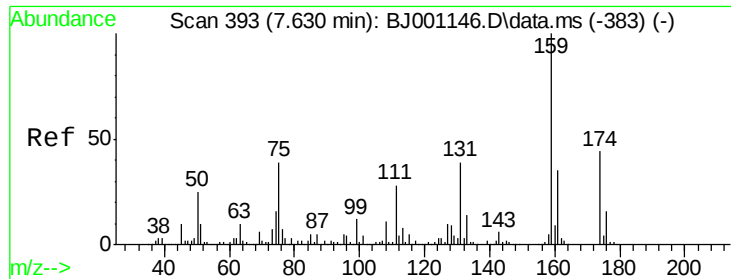
Tgt Ion:	158	Resp:	5364297
Ion	Ratio	Lower	Upper
158	100		
143	50.6	30.6	70.6
108	26.9	6.9	46.9
45	4.3	0.0	24.3



#12
2-Bromothioanisole
Concen: 11.83 ug/mL
RT: 6.976 min Scan# 347
Delta R.T. 0.000 min
Lab File: BJ001146.D
Acq: 24 Sep 2012 16:27

Tgt Ion:	204	Resp:	2504340
Ion	Ratio	Lower	Upper
204	100		
202	98.1	78.1	118.1
108	69.1	49.1	89.1

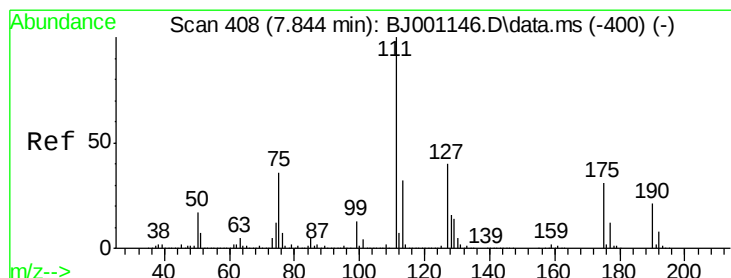
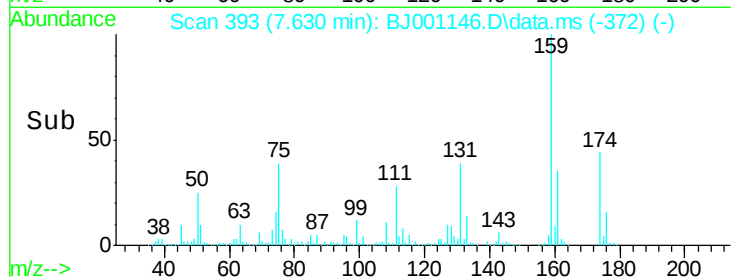
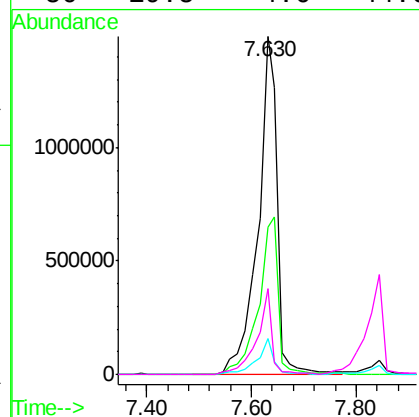
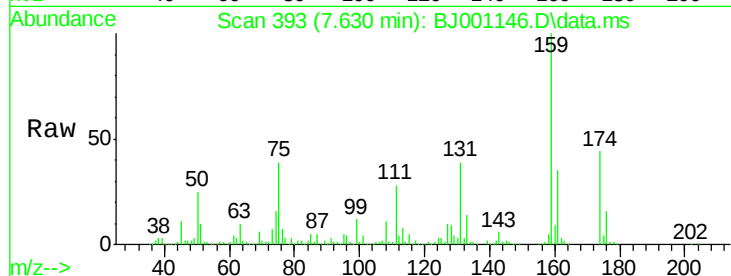




#13
p-Chlorophenylmethylsulfoxide
Concen: 13.67 ug/mL
RT: 7.630 min Scan# 391
Delta R.T. 0.000 min
Lab File: BJ001146.D
Acq: 24 Sep 2012 16:27

Instrument :
BNA_J
LabSampleId :
CWA-4

Tgt Ion:	159	Resp:	3851869
Ion	Ratio	Lower	Upper
159	100		
174	48.0	0.0	20.4#
108	9.0	0.0	22.2
50	19.5	4.6	44.6



#14
p-Chlorophenylmethylsulfone
Concen: 13.50 ug/mL
RT: 7.844 min Scan# 408
Delta R.T. 0.000 min
Lab File: BJ001146.D
Acq: 24 Sep 2012 16:27

Tgt Ion:	111	Resp:	4894583
Ion	Ratio	Lower	Upper
111	100		
75	36.1	16.1	56.1
127	39.6	19.6	59.6
190	21.2	1.2	41.2

