

Data Path : Z:\HPCHEM1\BNA_J\data\BJ121012\
 Data File : BJ001324.D
 Acq On : 10 Dec 2012 17:36
 Operator : HLM
 Sample : CWA-3
 Misc : BNA_J HLM
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_J
 LabSampleId :
 CWA-3

Quant Time: Dec 14 21:38:15 2012
 Quant Method : H:\VOL1\GCMSDATA\J\METHODS\BJ121012.M
 Quant Title : CWA degradation products by GCMS
 QLast Update : Wed Dec 05 11:26:13 2012
 Response via : Initial Calibration

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

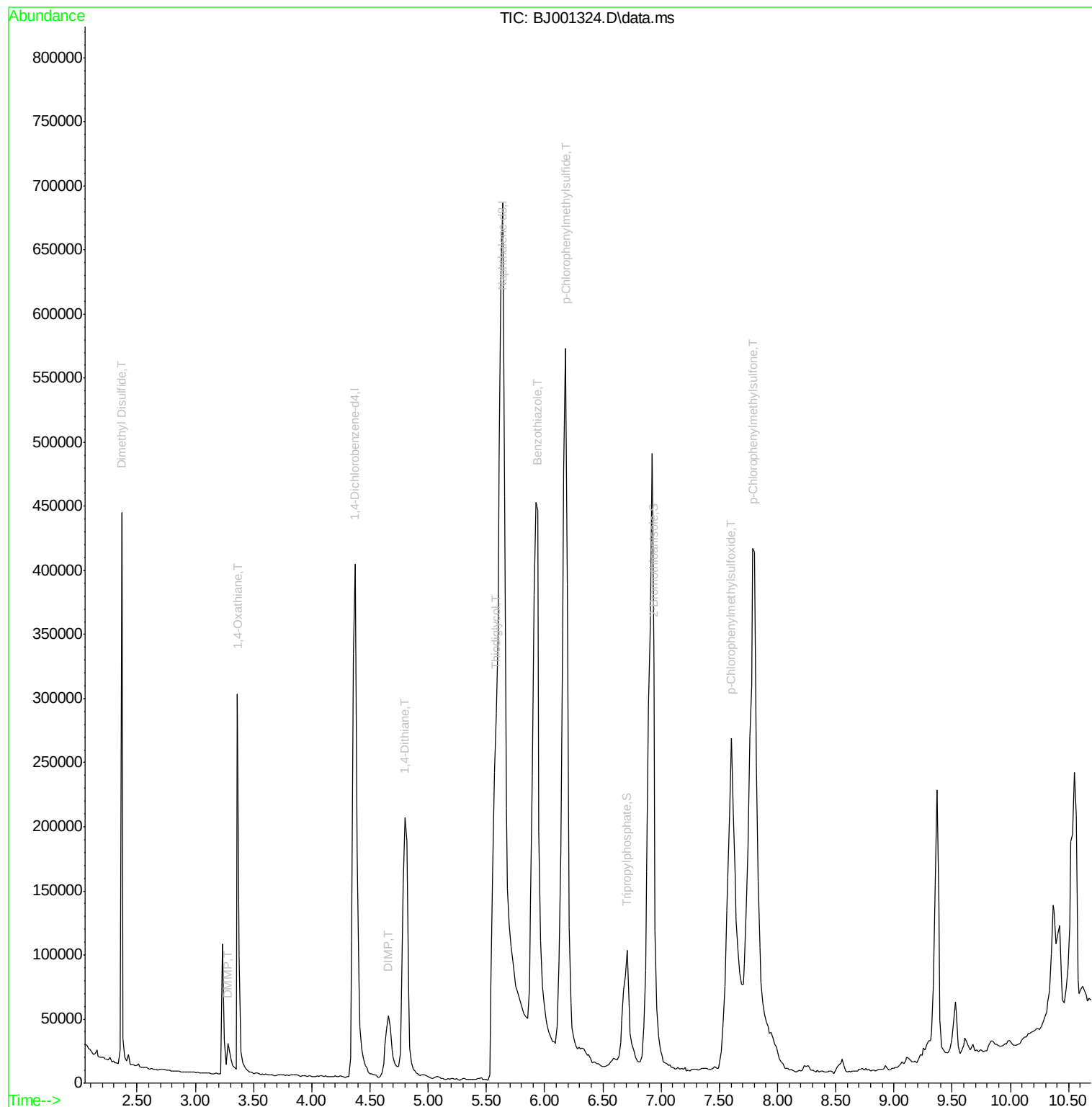
Internal Standards						
1) 1,4-Dichlorobenzene-d4	4.373	152	170822	2.00	ug/mL	0.00
6) Naphthalene-d8	5.640	136	810503	2.00	ug/mL	0.00
System Monitoring Compounds						
10) Tripropylphosphate	6.707	99	161599	0.40	ug/mL	0.01
Spiked Amount 0.500	Range 70 - 130		Recovery	=	80.00%	
12) 2-Bromothioanisole	6.935	204	197690	2.93	ug/mL	0.01
Spiked Amount 5.000	Range 70 - 130		Recovery	=	58.60%#	
Target Compounds						
						Qvalue
2) Dimethyl Disulfide	2.366	94	111064	1.27	ug/mL#	81
3) DMMP	3.277	79	29972m	0.34	ug/mL	
4) DIMP	4.657	97	74309	0.38	ug/mL	89
5) 1,4-Oxathiane	3.362	46	125917	1.22	ug/mL	83
7) 1,4-Dithiane	4.800	46	103170	1.05	ug/mL	92
8) Thiodiglycol	5.583	61	733817m	8.82	ug/mL	
9) Benzothiazole	5.938	135	591695	2.61	ug/mL	92
11) p-Chlorophenylmethyisu...	6.180	158	351246	2.48	ug/mL	92
13) p-Chlorophenylmethyisu...	7.604	159	305865m	3.19	ug/mL	
14) p-Chlorophenylmethyisu...	7.789	111	368547	2.65	ug/mL	98

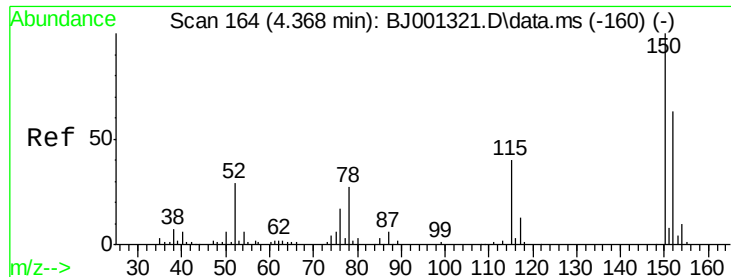
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 2.00 ug/mL

RT: 4.373 min Scan# 16

Delta R.T. 0.001 min

Lab File: BJ001324.D

Acq: 10 Dec 2012 17:36

Instrument :

BNA_J

LabSampleId :

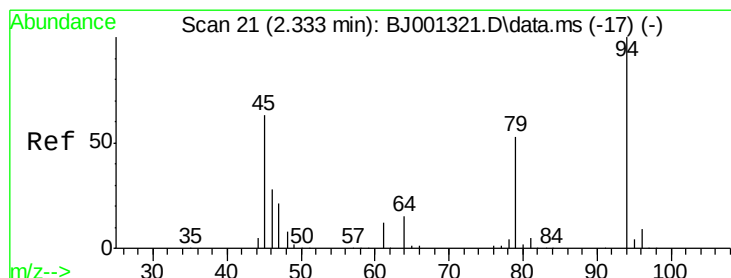
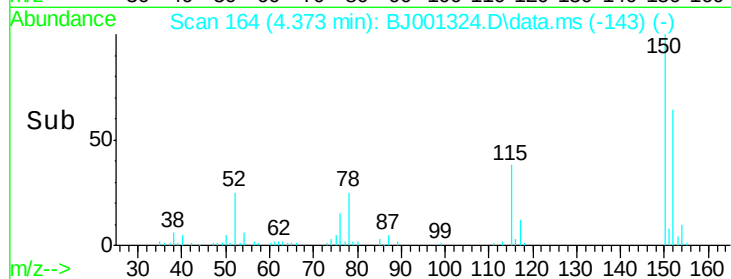
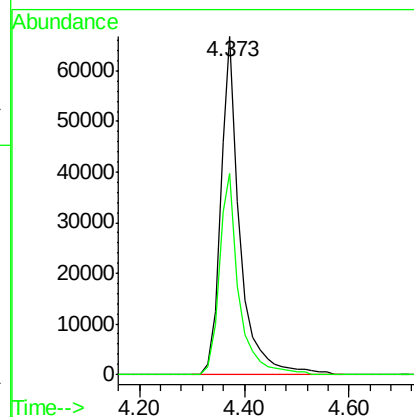
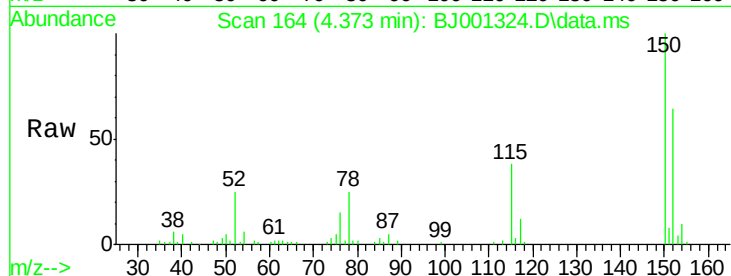
CWA-3

Tgt Ion:152 Resp: 170822

Ion Ratio Lower Upper

152 100

115 59.6 26.3 66.3



#2

Dimethyl Disulfide

Concen: 1.27 ug/mL

RT: 2.366 min Scan# 23

Delta R.T. 0.059 min

Lab File: BJ001324.D

Acq: 10 Dec 2012 17:36

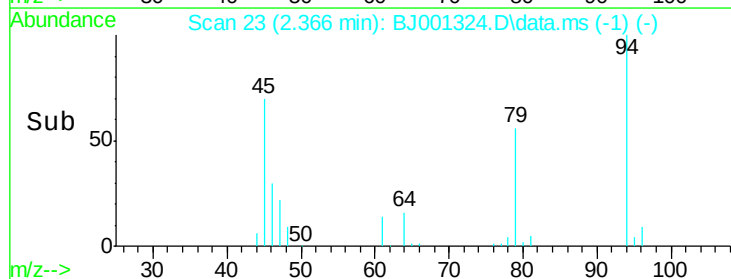
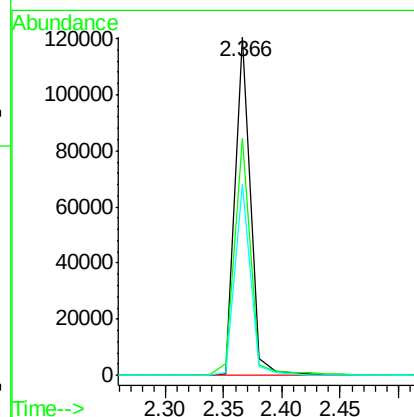
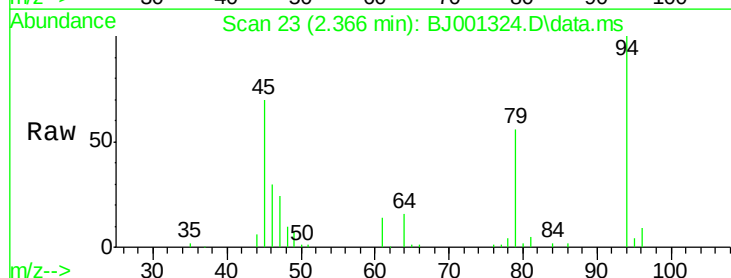
Tgt Ion: 94 Resp: 111064

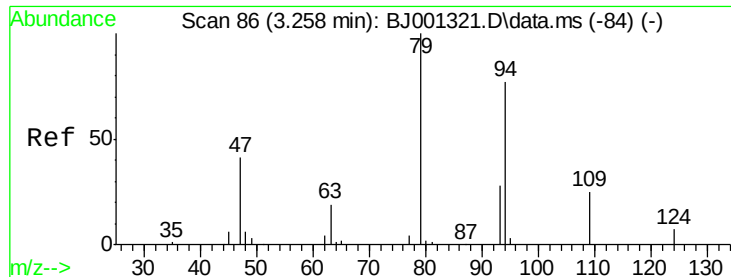
Ion Ratio Lower Upper

94 100

45 70.0 26.5 66.5#

79 56.4 33.4 73.4





#3

DMMP

Concen: 0.34 ug/mL m

RT: 3.277 min Scan# 87

Delta R.T. 0.016 min

Lab File: BJ001324.D

Acq: 10 Dec 2012 17:36

Instrument :

BNA_J

LabSampleId :

CWA-3

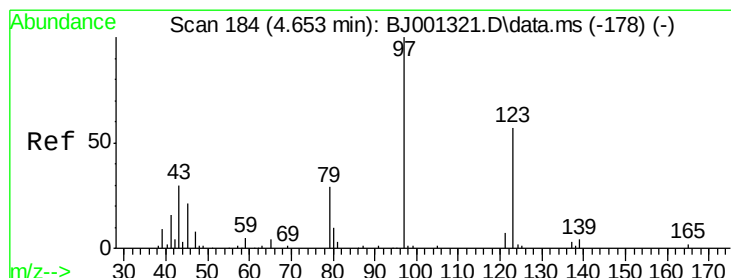
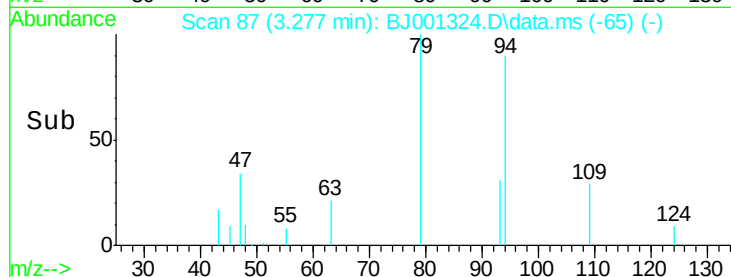
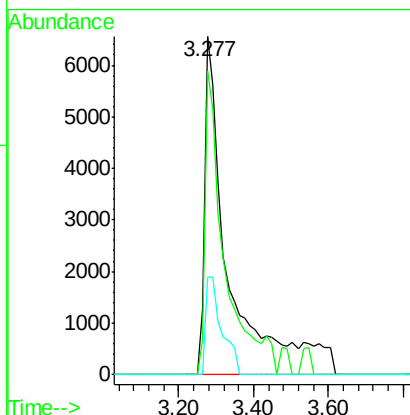
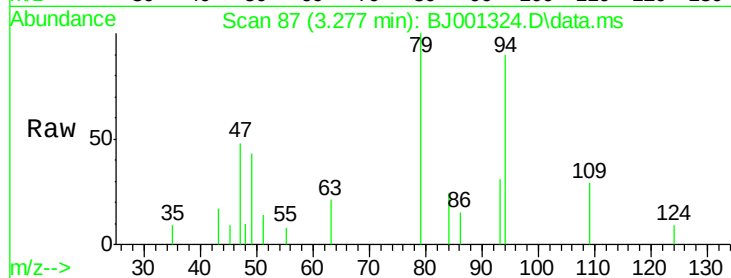
Tgt Ion: 79 Resp: 29972

Ion Ratio Lower Upper

79 100

94 89.9 69.1 109.1

109 28.8 10.5 50.5



#4

DIMP

Concen: 0.38 ug/mL

RT: 4.657 min Scan# 184

Delta R.T. 0.001 min

Lab File: BJ001324.D

Acq: 10 Dec 2012 17:36

Tgt Ion: 97 Resp: 74309

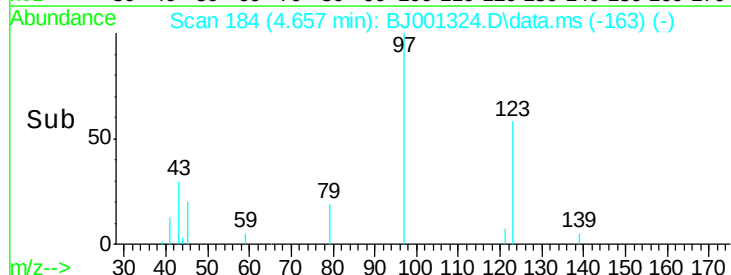
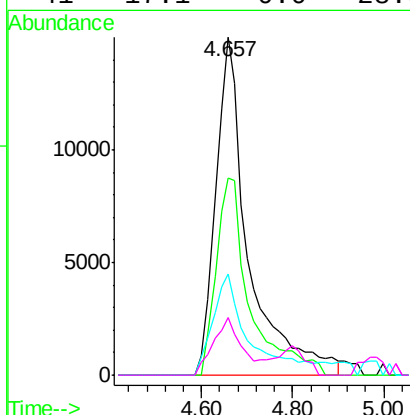
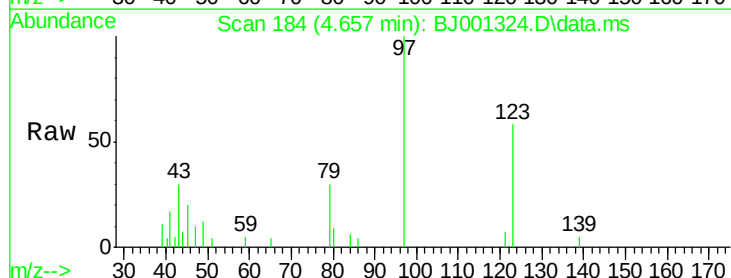
Ion Ratio Lower Upper

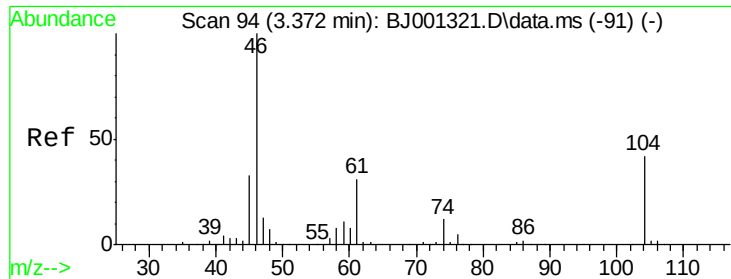
97 100

123 58.5 36.4 76.4

43 29.9 0.0 37.2

41 17.1 0.0 28.0





#5

1,4-Oxathiane

Concen: 1.22 ug/mL

RT: 3.362 min Scan# 93

Delta R.T. 0.002 min

Lab File: BJ001324.D

Acq: 10 Dec 2012 17:36

Instrument :

BNA_J

LabSampleId :

CWA-3

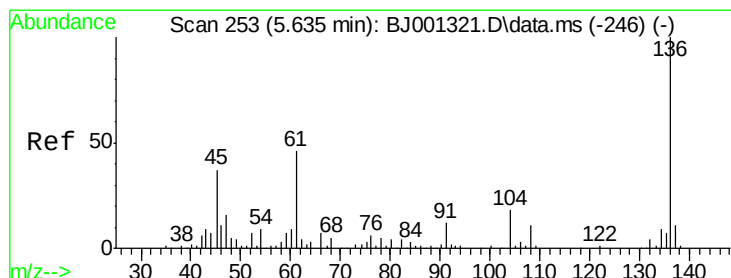
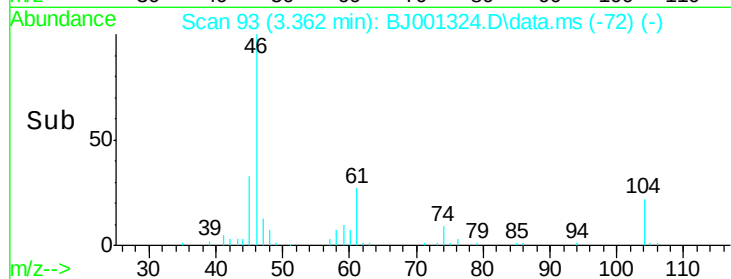
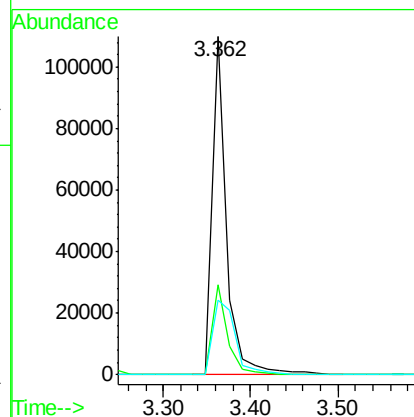
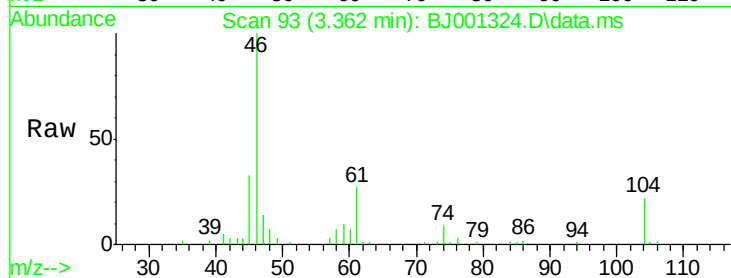
Tgt Ion: 46 Resp: 125917

Ion Ratio Lower Upper

46 100

61 26.7 13.2 53.2

104 21.8 14.2 54.2



#6

Naphthalene-d8

Concen: 2.00 ug/mL

RT: 5.640 min Scan# 253

Delta R.T. 0.000 min

Lab File: BJ001324.D

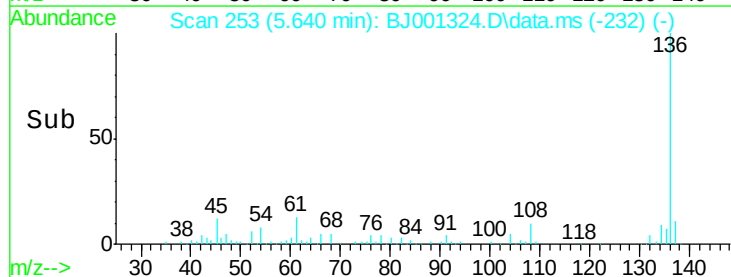
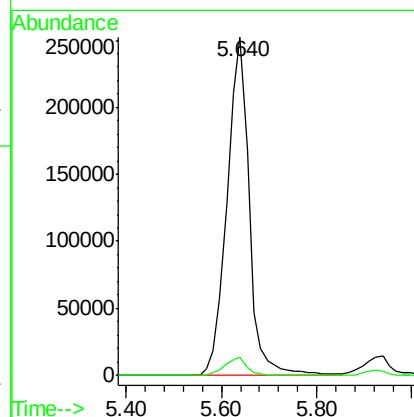
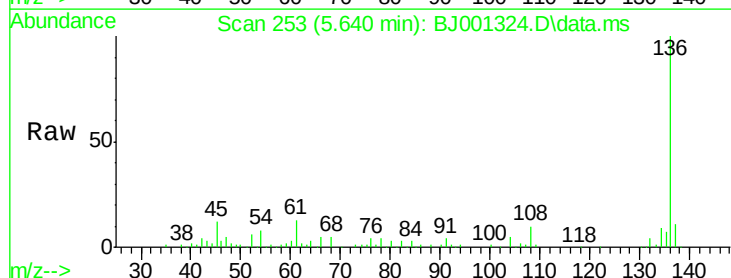
Acq: 10 Dec 2012 17:36

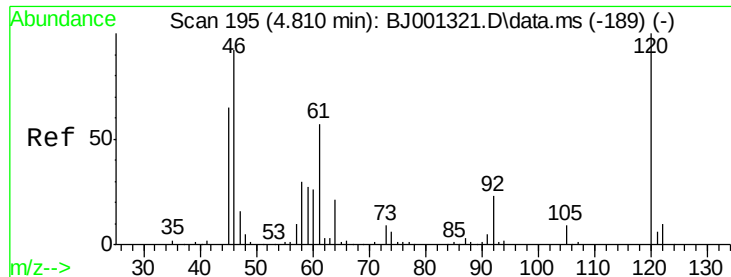
Tgt Ion: 136 Resp: 810503

Ion Ratio Lower Upper

136 100

68 5.4 0.0 25.9





#7

1,4-Dithiane

Concen: 1.05 ug/mL

RT: 4.800 min Scan# 19

Delta R.T. 0.001 min

Lab File: BJ001324.D

Acq: 10 Dec 2012 17:36

Instrument :

BNA_J

LabSampleId :

CWA-3

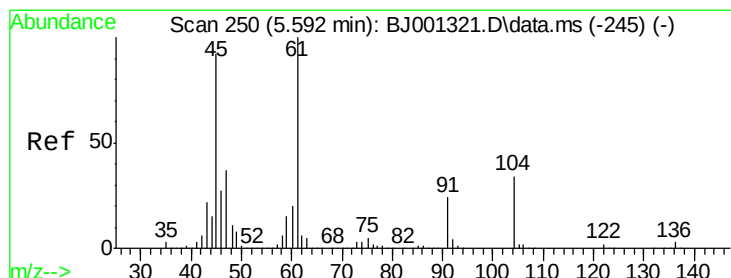
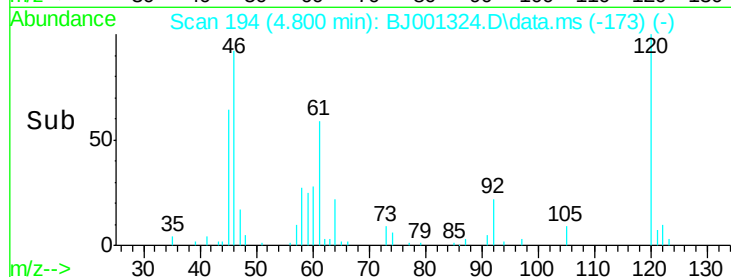
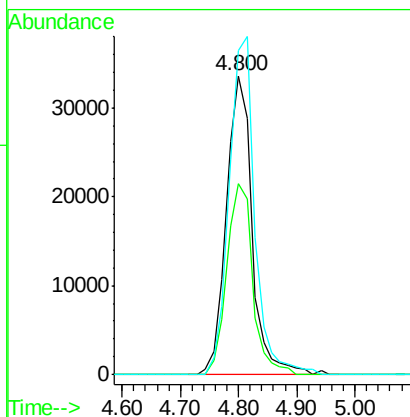
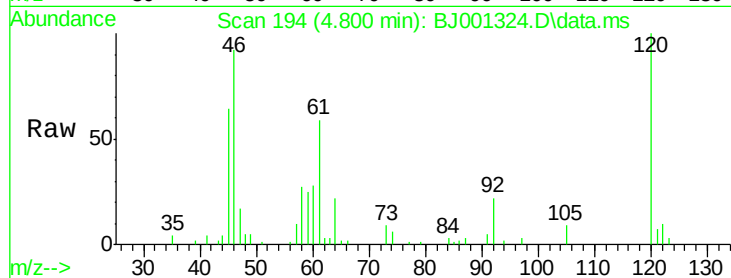
Tgt Ion: 46 Resp: 103170

Ion Ratio Lower Upper

46 100

61 64.0 57.0 97.0

120 108.3 91.5 131.5



#8

Thiodiglycol

Concen: 8.82 ug/mL m

RT: 5.583 min Scan# 249

Delta R.T. -0.014 min

Lab File: BJ001324.D

Acq: 10 Dec 2012 17:36

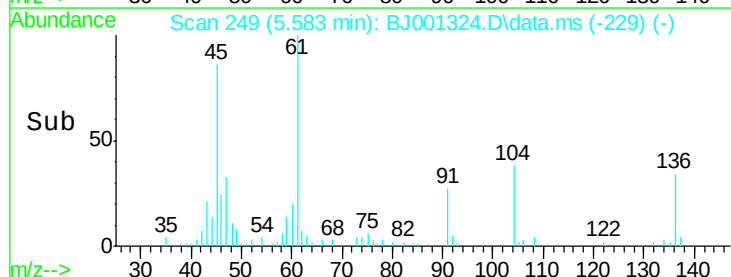
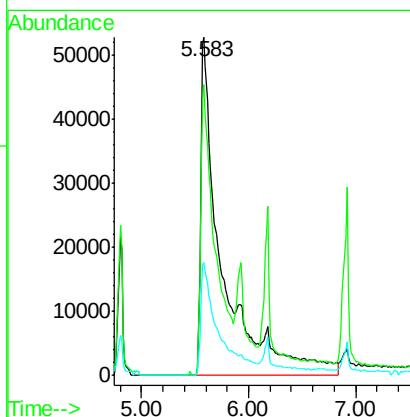
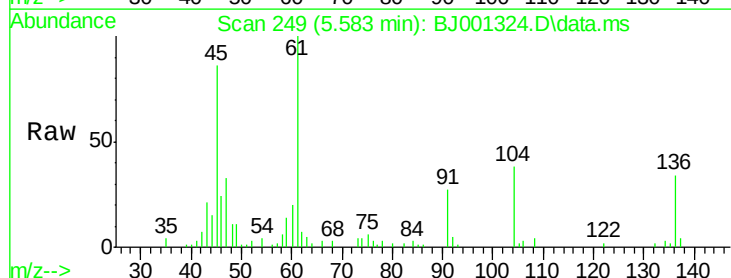
Tgt Ion: 61 Resp: 733817

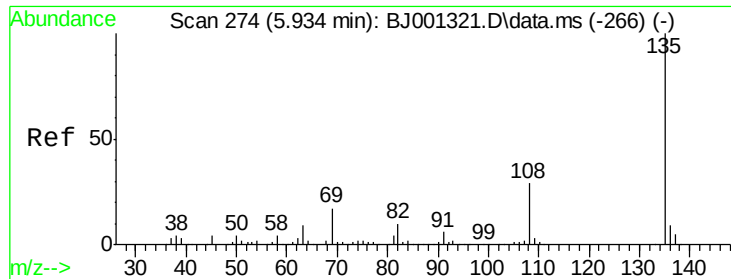
Ion Ratio Lower Upper

61 100

45 86.1 56.0 96.0

47 33.2 10.0 50.0





#9

Benzothiazole

Concen: 2.61 ug/mL

RT: 5.938 min Scan# 27

Delta R.T. 0.015 min

Lab File: BJ001324.D

Acq: 10 Dec 2012 17:36

Instrument :

BNA_J

LabSampleId :

CWA-3

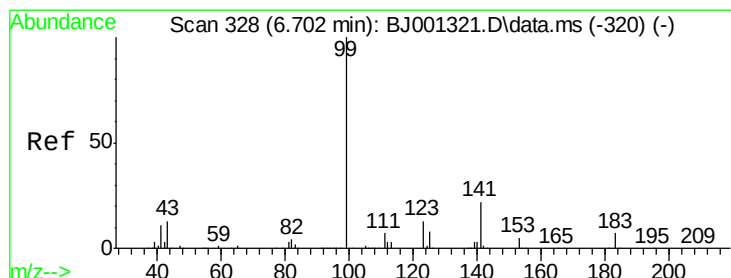
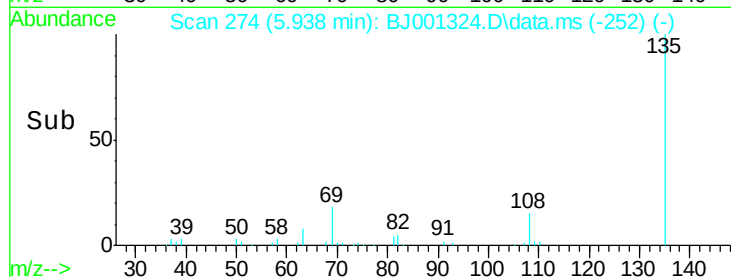
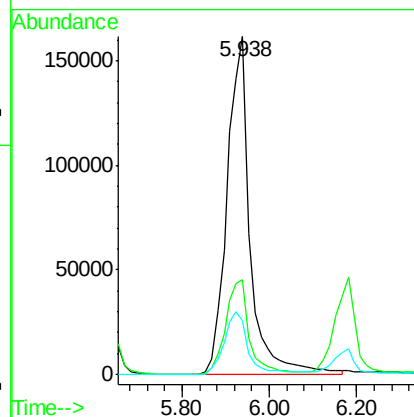
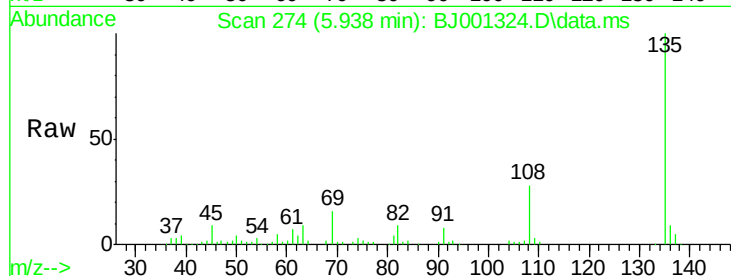
Tgt Ion:135 Resp: 591695

Ion Ratio Lower Upper

135 100

108 28.2 12.0 52.0

69 16.0 1.1 41.1



#10

Tripropylphosphate

Concen: 0.40 ug/mL

RT: 6.707 min Scan# 328

Delta R.T. 0.014 min

Lab File: BJ001324.D

Acq: 10 Dec 2012 17:36

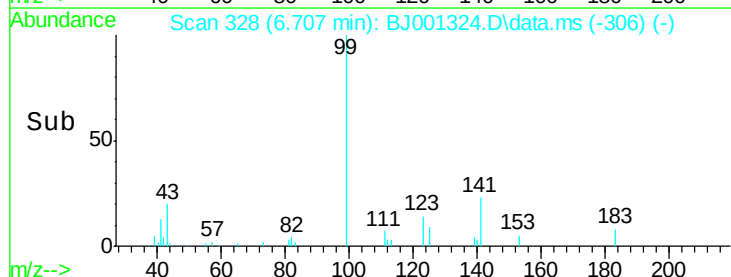
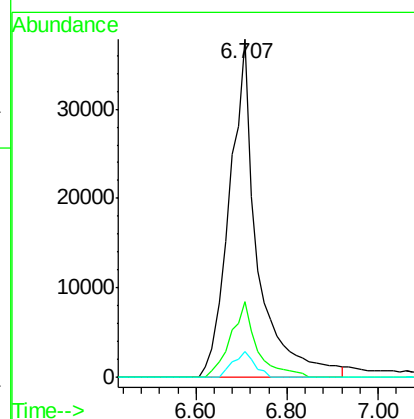
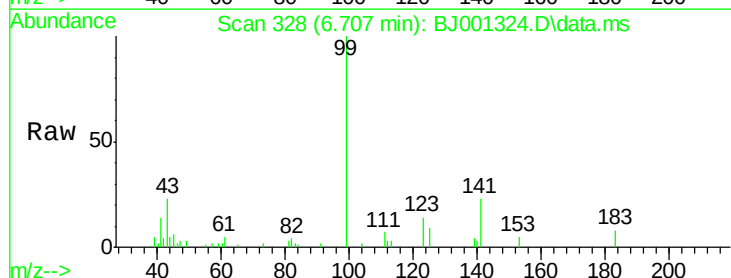
Tgt Ion: 99 Resp: 161599

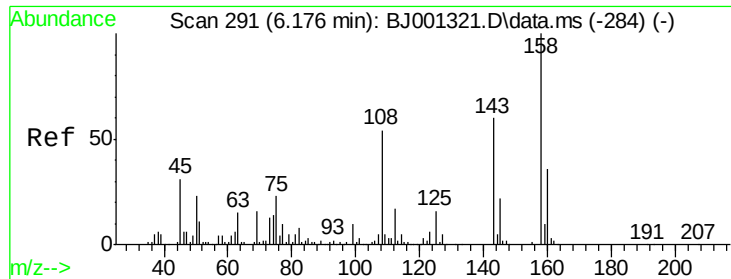
Ion Ratio Lower Upper

99 100

141 21.1 14.7 22.1

183 6.0 4.6 6.8

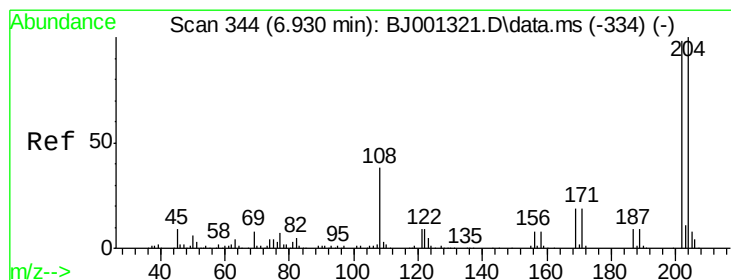
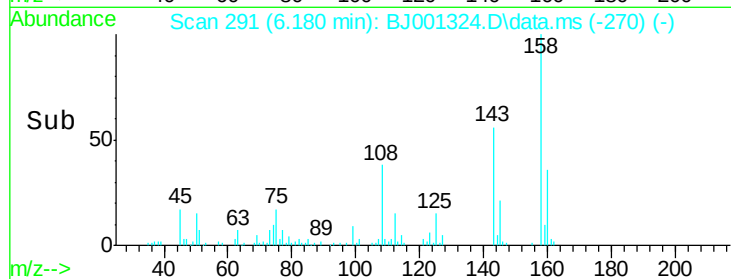
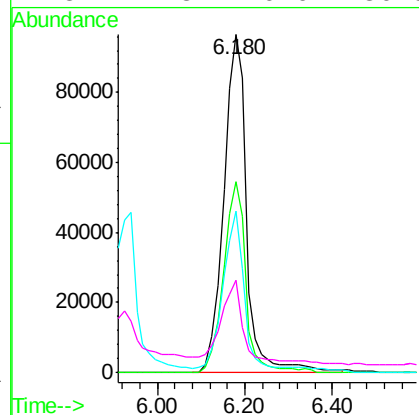
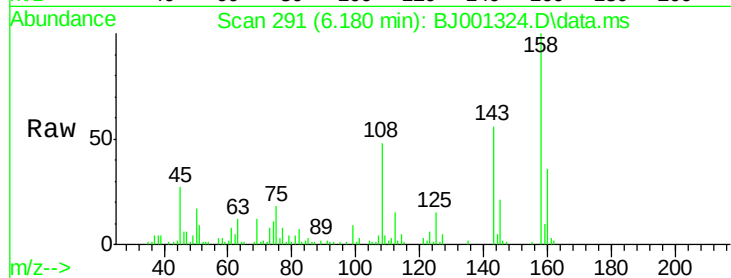




#11
p-Chlorophenylmethylsulfide
Concen: 2.48 ug/mL
RT: 6.180 min Scan# 291
Delta R.T. 0.000 min
Lab File: BJ001324.D
Acq: 10 Dec 2012 17:36

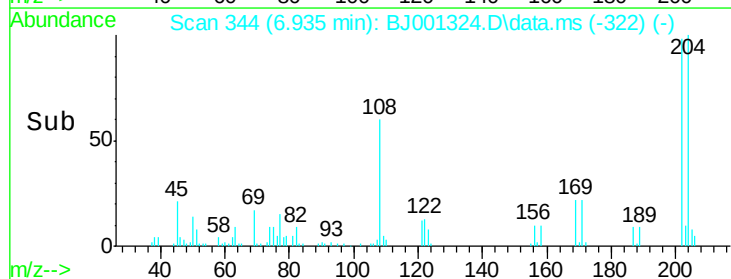
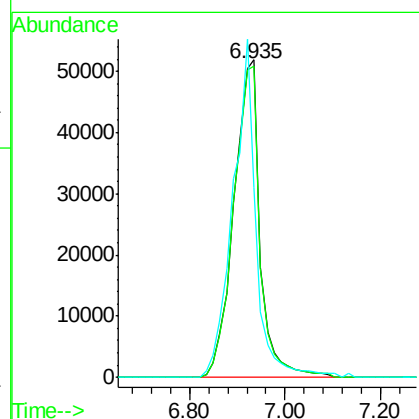
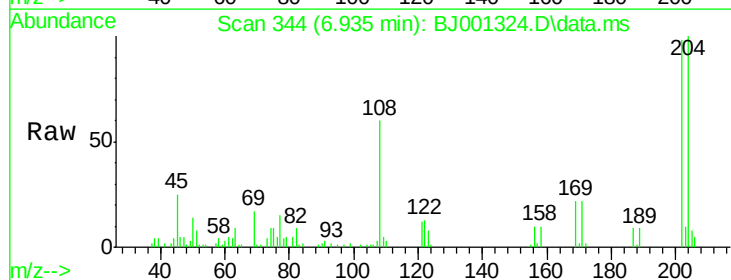
Instrument :
BNA_J
LabSampleId :
CWA-3

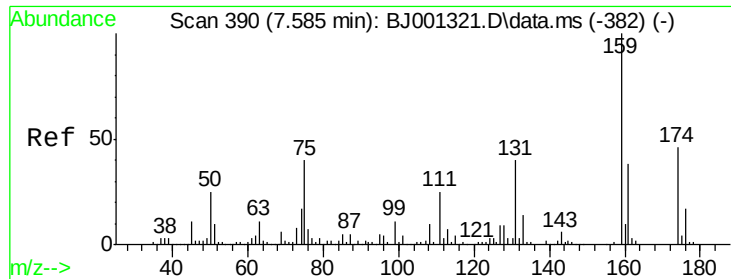
Tgt Ion:	158	Resp:	351246
Ion Ratio	Lower	Upper	
158	100		
143	56.4	34.4	74.4
108	47.9	22.9	62.9
45	27.3	0.0	36.9



#12
2-Bromothioanisole
Concen: 2.93 ug/mL
RT: 6.935 min Scan# 344
Delta R.T. 0.014 min
Lab File: BJ001324.D
Acq: 10 Dec 2012 17:36

Tgt Ion:	204	Resp:	197690
Ion Ratio	Lower	Upper	
204	100		
202	98.1	80.7	120.7
108	59.7	87.3	127.3#

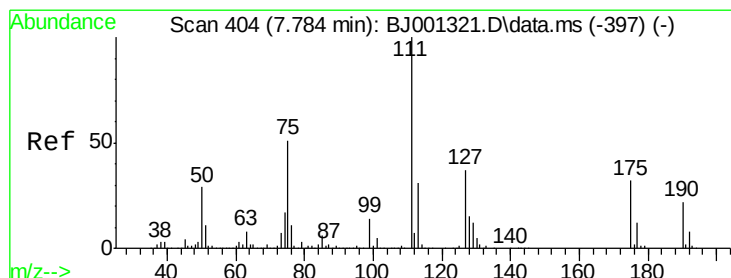
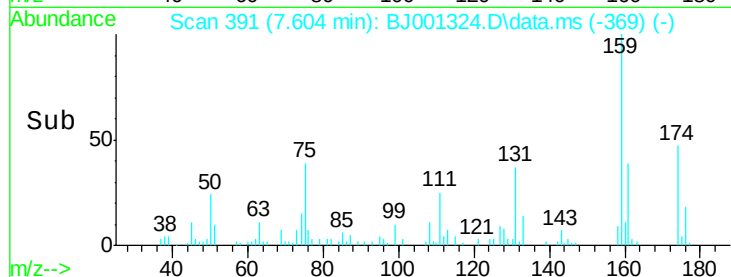
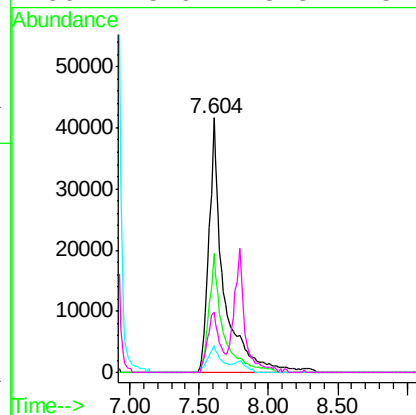
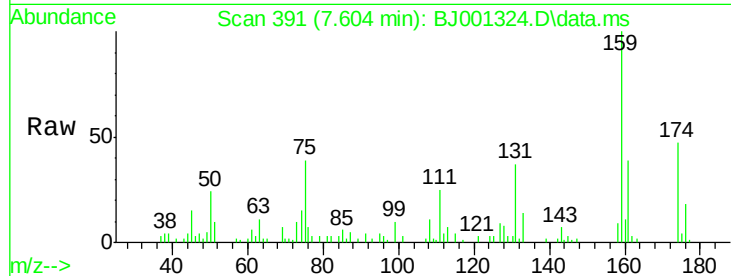




#13
p-Chlorophenylmethylsulfoxide
Concen: 3.19 ug/mL m
RT: 7.604 min Scan# 391
Delta R.T. 0.014 min
Lab File: BJ001324.D
Acq: 10 Dec 2012 17:36

Instrument :
BNA_J
LabSampleId :
CWA-3

Tgt Ion:	159	Resp:	305865
Ion Ratio	Lower	Upper	
159	100		
174	41.0	26.4	66.4
108	9.2	0.0	29.6
50	18.9	3.3	43.3



#14
p-Chlorophenylmethylsulfone
Concen: 2.65 ug/mL
RT: 7.789 min Scan# 404
Delta R.T. -0.000 min
Lab File: BJ001324.D
Acq: 10 Dec 2012 17:36

Tgt Ion:	111	Resp:	368547
Ion Ratio	Lower	Upper	
111	100		
75	48.3	27.3	67.3
127	38.0	17.0	57.0
190	22.2	0.8	40.8

