

Data Path : Z:\HPCHEM1\BNA_J\data\BJ121012\
 Data File : BJ001323.D
 Acq On : 10 Dec 2012 17:19
 Operator : HLM
 Sample : CWA-5
 Misc : BNA_J HLM
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_J
 LabSampleId :
 CWA-5

Quant Time: Dec 14 21:38:07 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)

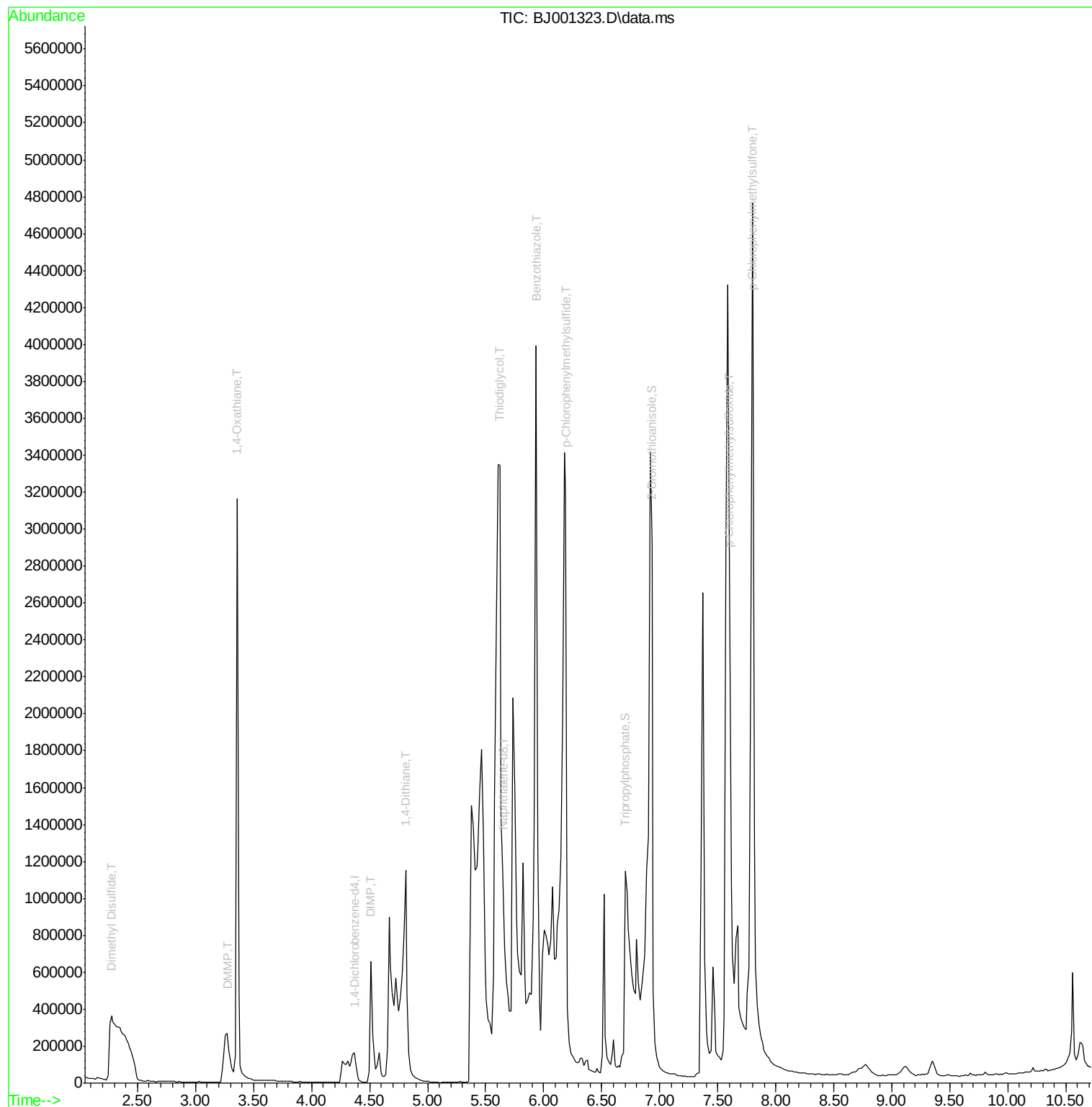
Internal Standards						
1) 1,4-Dichlorobenzene-d4	4.369	152	157052m	2.00	ug/mL	0.00
6) Naphthalene-d8	5.650	136	655638m	2.00	ug/mL	0.01
System Monitoring Compounds						
10) Tripropylphosphate	6.703	99	1551908m	4.74	ug/mL	0.01
Spiked Amount 0.500	Range 70 - 130		Recovery	=	948.00%#	
12) 2-Bromothioanisole	6.930	204	1616340m	29.62	ug/mL	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery	=	592.40%#	
Target Compounds						
						Qvalue
2) Dimethyl Disulfide	2.276	94	790837m	9.93	ug/mL	
3) DMMP	3.273	79	389321m	4.81	ug/mL	
4) DIMP	4.511	97	772551m	4.24	ug/mL	
5) 1,4-Oxathiane	3.358	46	1149209	12.12	ug/mL	91
7) 1,4-Dithiane	4.810	46	926813m	11.67	ug/mL	
8) Thiodiglycol	5.621	61	6236060m	92.68	ug/mL	
9) Benzothiazole	5.934	135	4696926m	25.65	ug/mL	
11) p-Chlorophenylmethyisu...	6.190	158	2827085m	24.65	ug/mL	
13) p-Chlorophenylmethyisu...	7.599	159	2246873m	28.99	ug/mL	
14) p-Chlorophenylmethyisu...	7.799	111	3424708m	30.46	ug/mL	

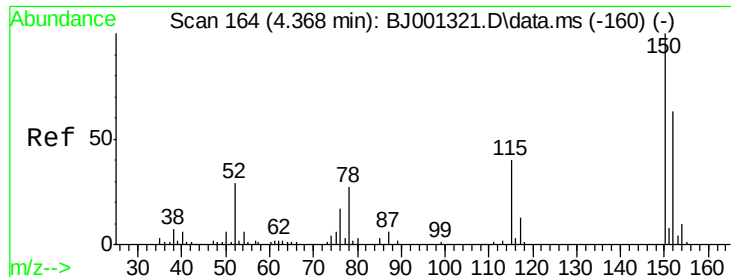
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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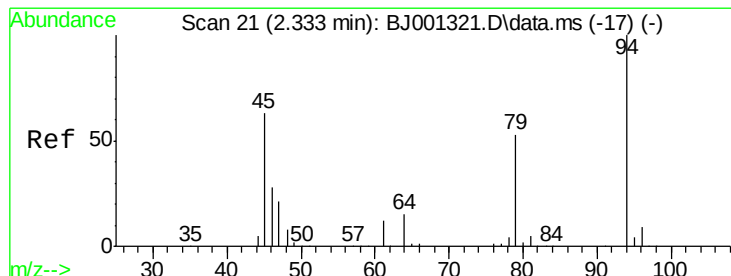
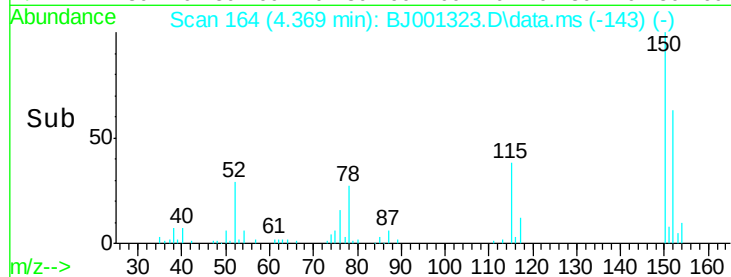
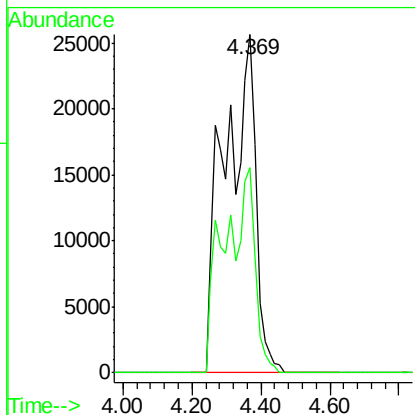
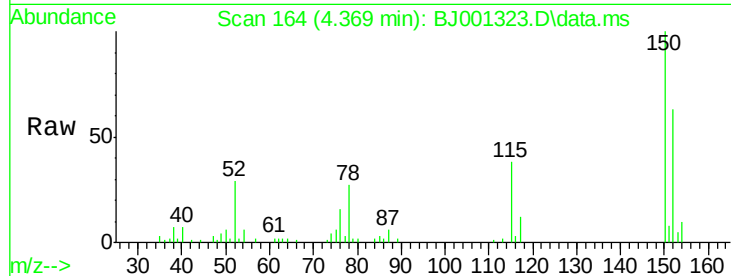


#1

1,4-Dichlorobenzene-d4
Concen: 2.00 ug/mL m
RT: 4.369 min Scan# 16
Delta R.T. -0.003 min
Lab File: BJ001323.D
Acq: 10 Dec 2012 17:19

Instrument :
BNA_J
LabSampleId :
CWA-5

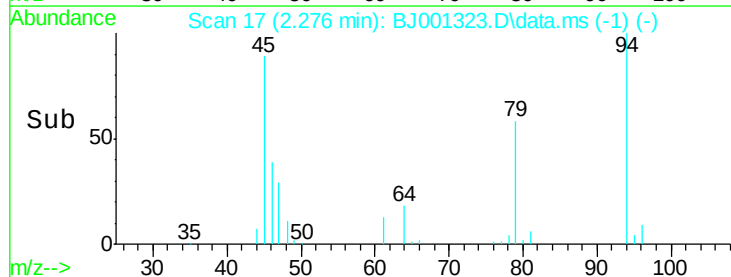
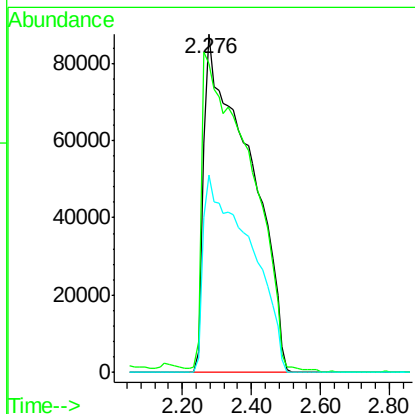
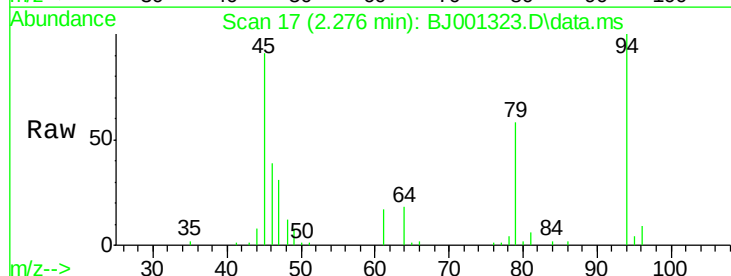
Tgt Ion:152 Resp: 157052
Ion Ratio Lower Upper
152 100
115 60.5 26.3 66.3

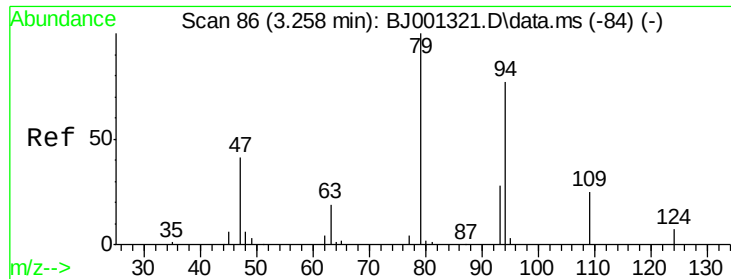


#2

Dimethyl Disulfide
Concen: 9.93 ug/mL m
RT: 2.276 min Scan# 17
Delta R.T. -0.031 min
Lab File: BJ001323.D
Acq: 10 Dec 2012 17:19

Tgt Ion: 94 Resp: 790837
Ion Ratio Lower Upper
94 100
45 91.1 26.5 66.5#
79 58.3 33.4 73.4





#3

DMMP

Concen: 4.81 ug/mL m

RT: 3.273 min Scan# 87

Delta R.T. 0.012 min

Lab File: BJ001323.D

Acq: 10 Dec 2012 17:19

Instrument :

BNA_J

LabSampleId :

CWA-5

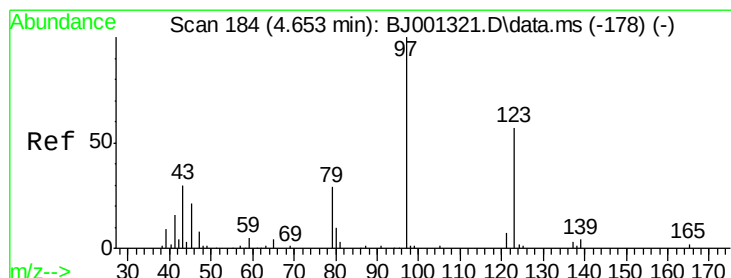
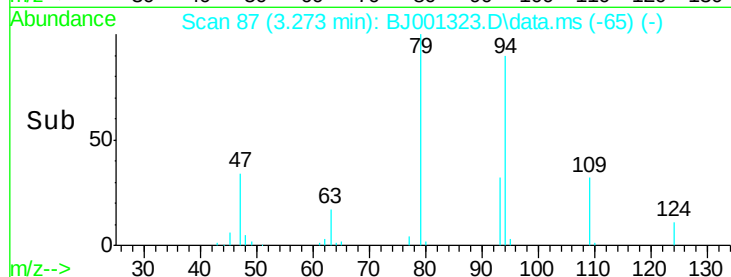
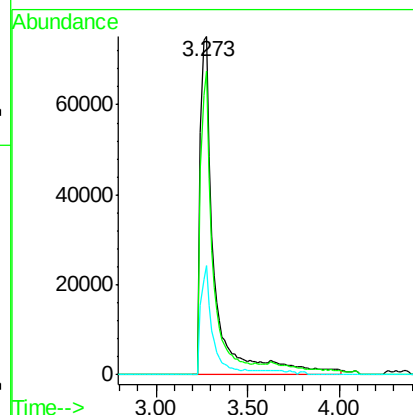
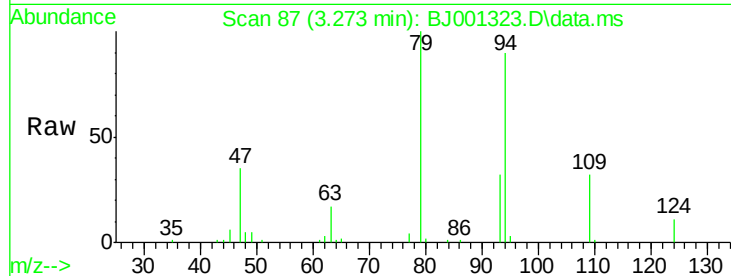
Tgt Ion: 79 Resp: 389321

Ion Ratio Lower Upper

79 100

94 89.9 69.1 109.1

109 32.3 10.5 50.5



#4

DIMP

Concen: 4.24 ug/mL m

RT: 4.511 min Scan# 174

Delta R.T. -0.146 min

Lab File: BJ001323.D

Acq: 10 Dec 2012 17:19

Tgt Ion: 97 Resp: 772551

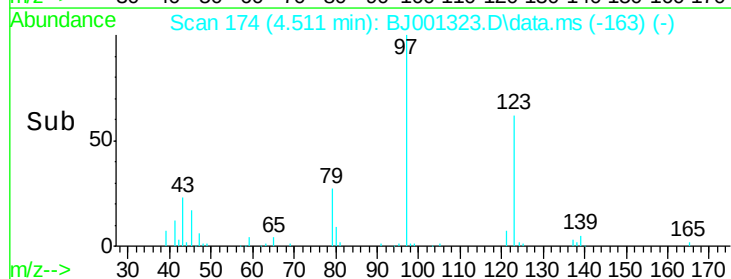
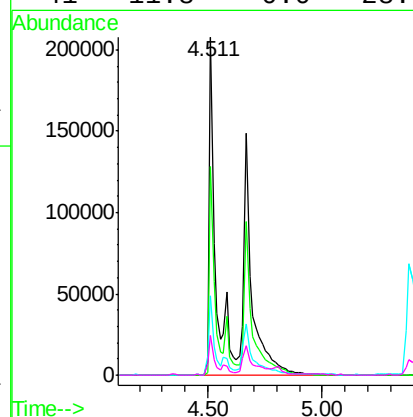
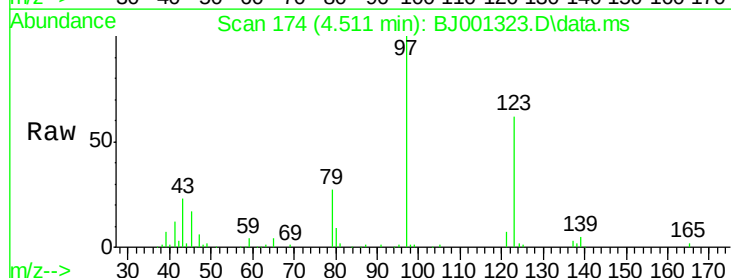
Ion Ratio Lower Upper

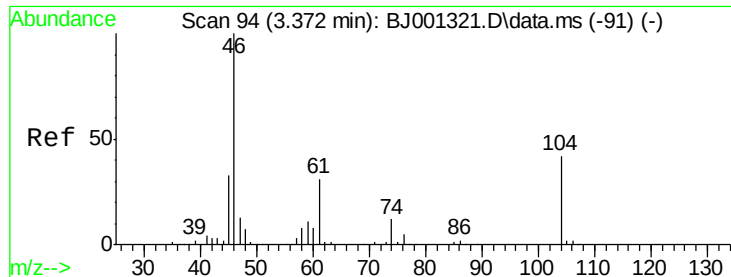
97 100

123 61.7 36.4 76.4

43 23.5 0.0 37.2

41 11.8 0.0 28.0





#5

1,4-Oxathiane

Concen: 12.12 ug/mL

RT: 3.358 min Scan# 93

Delta R.T. -0.003 min

Lab File: BJ001323.D

Acq: 10 Dec 2012 17:19

Instrument :

BNA_J

LabSampleId :

CWA-5

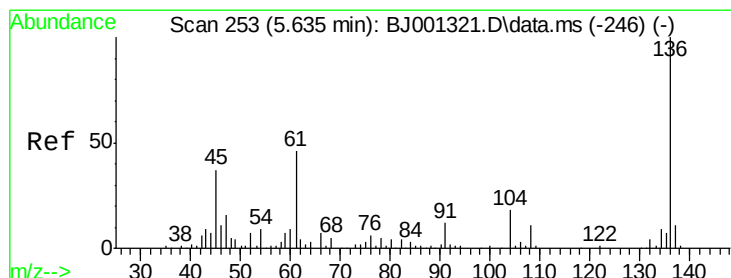
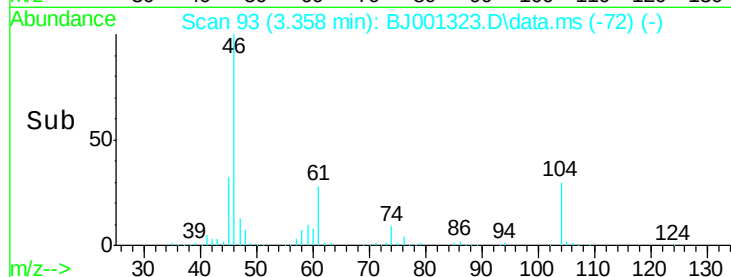
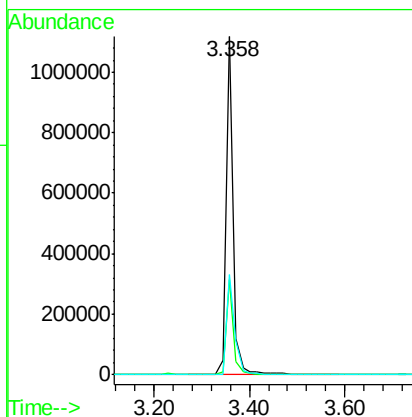
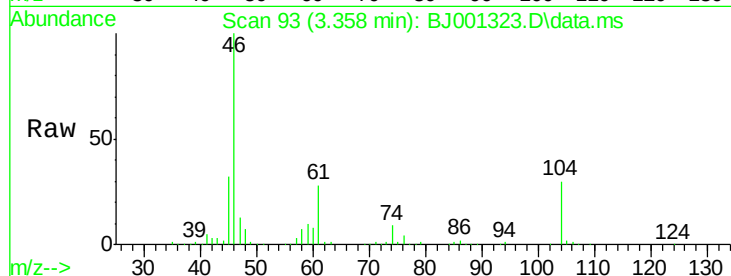
Tgt Ion: 46 Resp: 1149209

Ion Ratio Lower Upper

46 100

61 28.1 13.2 53.2

104 29.5 14.2 54.2



#6

Naphthalene-d8

Concen: 2.00 ug/mL m

RT: 5.650 min Scan# 254

Delta R.T. 0.011 min

Lab File: BJ001323.D

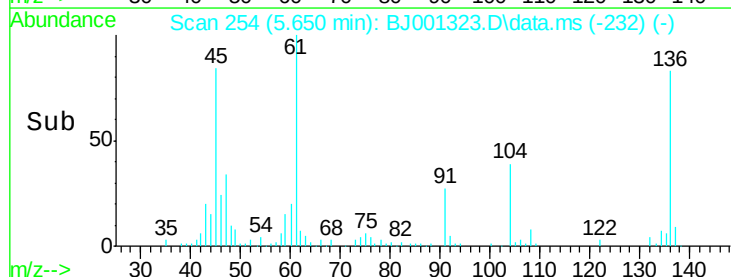
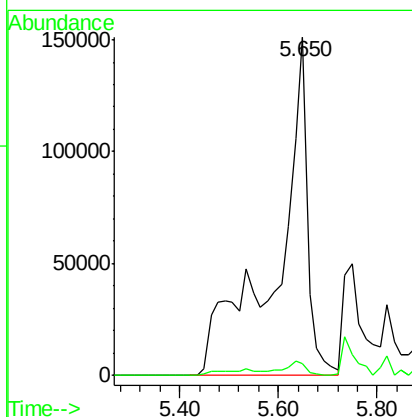
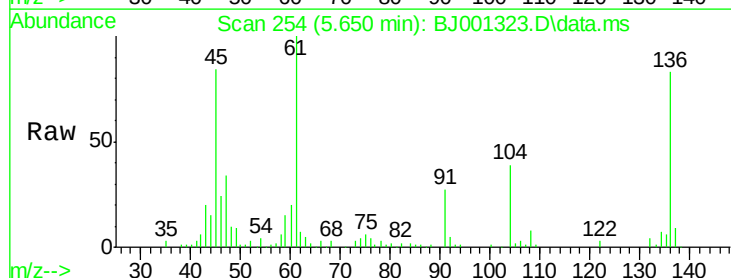
Acq: 10 Dec 2012 17:19

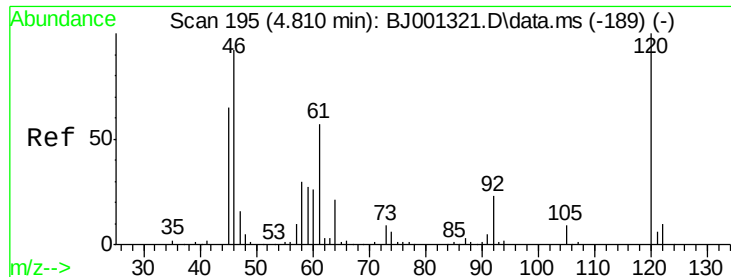
Tgt Ion: 136 Resp: 655638

Ion Ratio Lower Upper

136 100

68 3.5 0.0 25.9





#7

1,4-Dithiane

Concen: 11.67 ug/mL m

RT: 4.810 min Scan# 19

Delta R.T. 0.011 min

Lab File: BJ001323.D

Acq: 10 Dec 2012 17:19

Instrument :

BNA_J

LabSampleId :

CWA-5

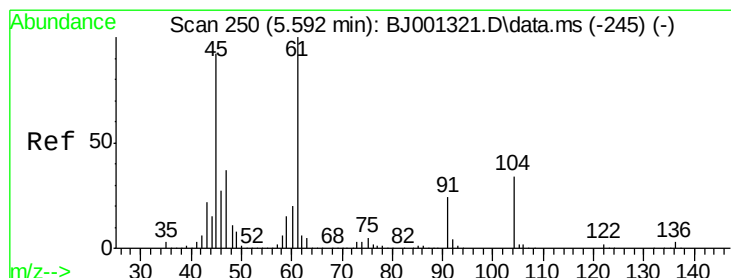
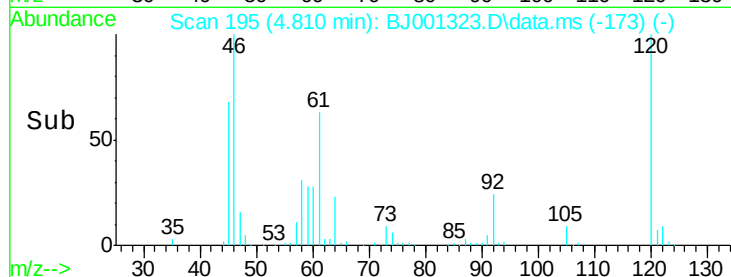
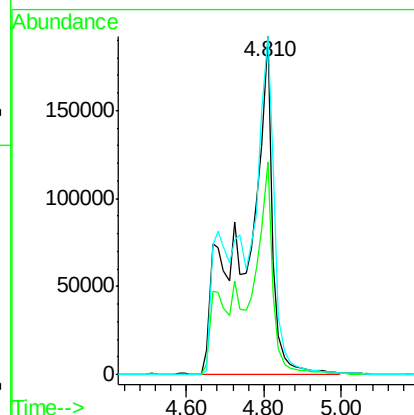
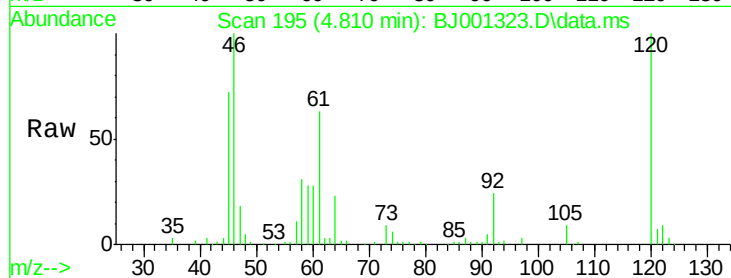
Tgt Ion: 46 Resp: 926813

Ion Ratio Lower Upper

46 100

61 62.9 57.0 97.0

120 100.1 91.5 131.5



#8

Thiodiglycol

Concen: 92.68 ug/mL m

RT: 5.621 min Scan# 252

Delta R.T. 0.025 min

Lab File: BJ001323.D

Acq: 10 Dec 2012 17:19

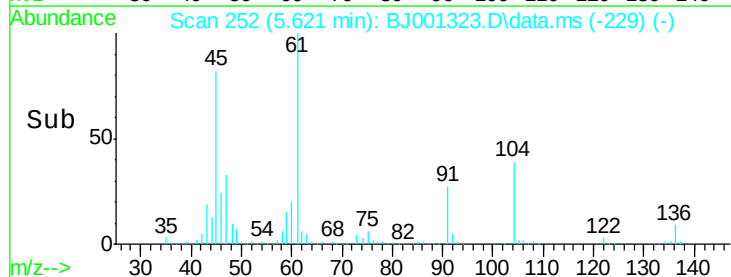
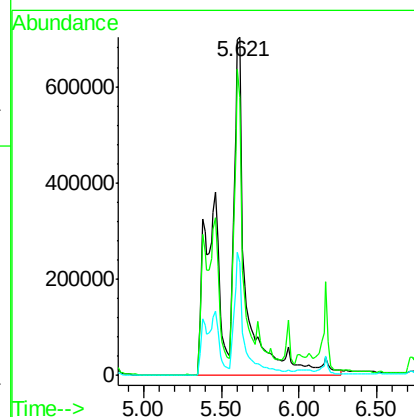
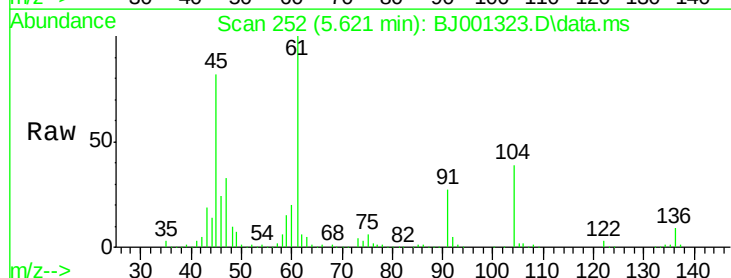
Tgt Ion: 61 Resp: 6236060

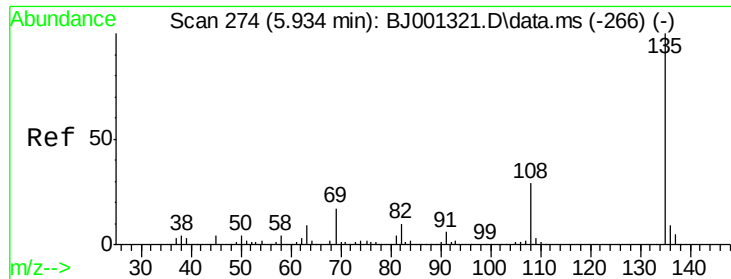
Ion Ratio Lower Upper

61 100

45 82.2 56.0 96.0

47 33.2 10.0 50.0





#9

Benzothiazole

Concen: 25.65 ug/mL m

RT: 5.934 min Scan# 27

Delta R.T. 0.010 min

Lab File: BJ001323.D

Acq: 10 Dec 2012 17:19

Instrument :

BNA_J

LabSampleId :

CWA-5

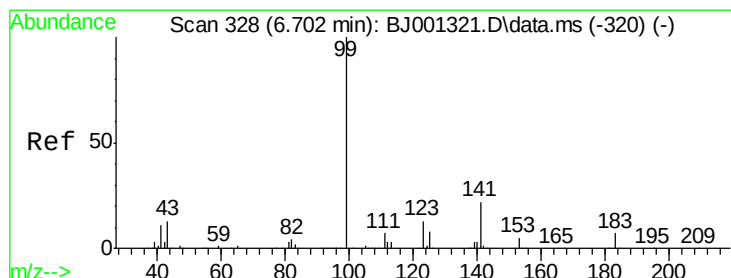
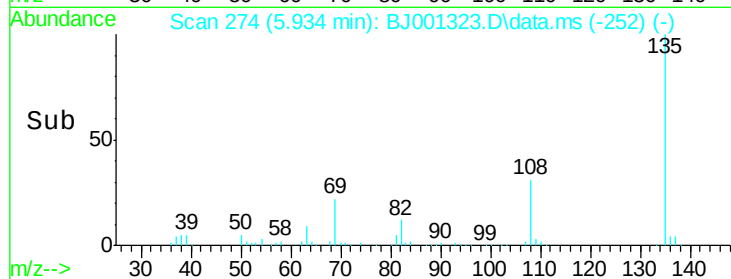
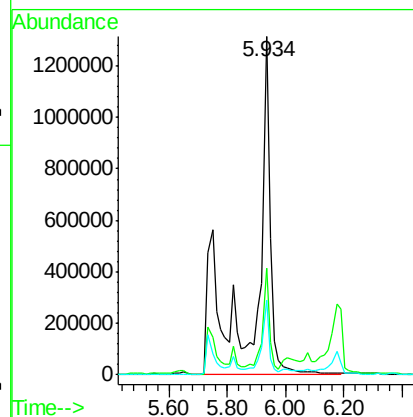
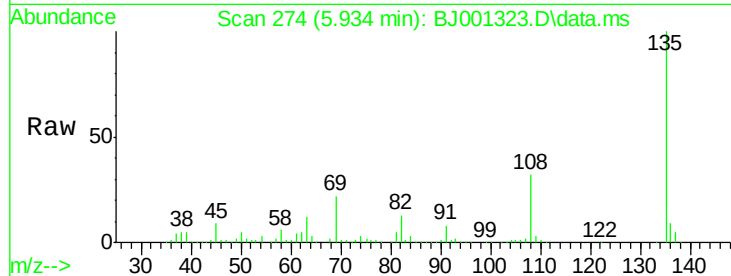
Tgt Ion:135 Resp: 4696926

Ion Ratio Lower Upper

135 100

108 31.5 12.0 52.0

69 22.0 1.1 41.1



#10

Tripropylphosphate

Concen: 4.74 ug/mL m

RT: 6.703 min Scan# 328

Delta R.T. 0.010 min

Lab File: BJ001323.D

Acq: 10 Dec 2012 17:19

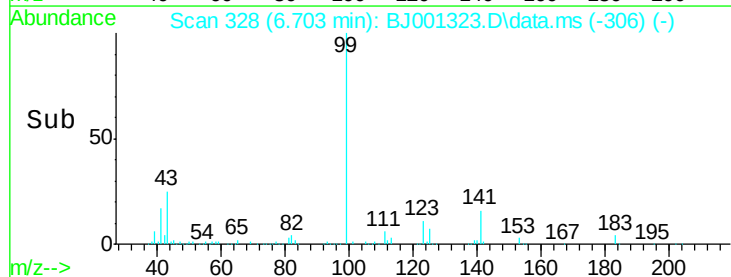
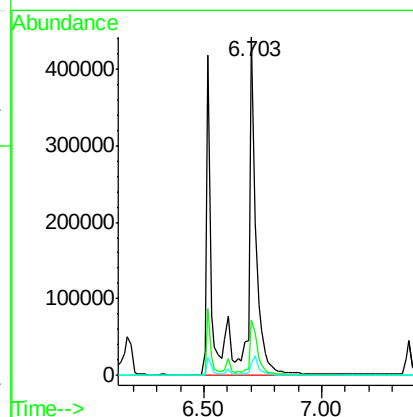
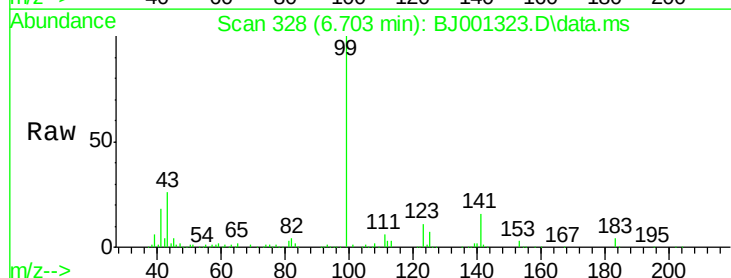
Tgt Ion: 99 Resp: 1551908

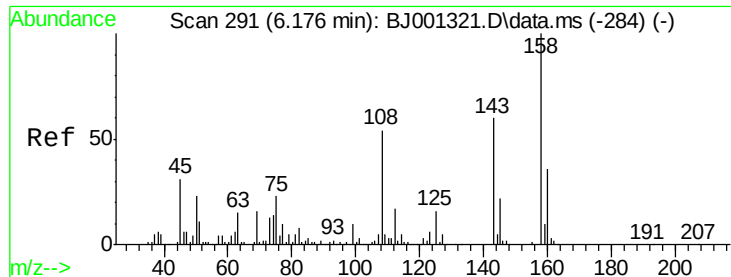
Ion Ratio Lower Upper

99 100

141 11.0 14.7 22.1#

183 3.7 4.6 6.8#

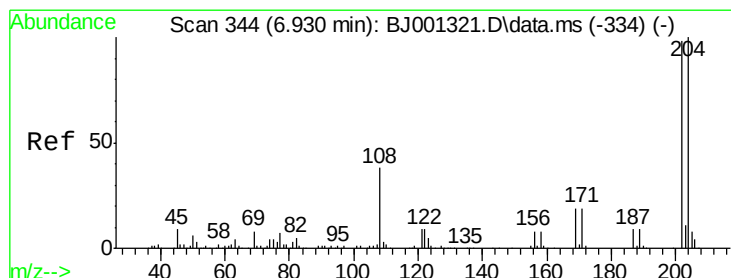
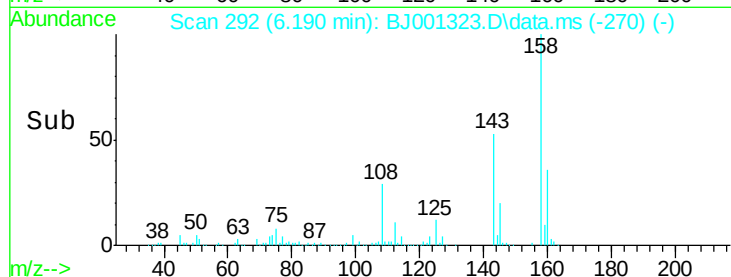
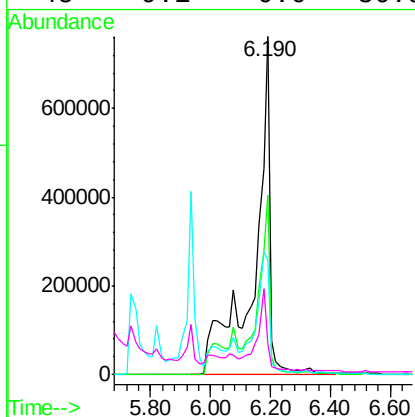
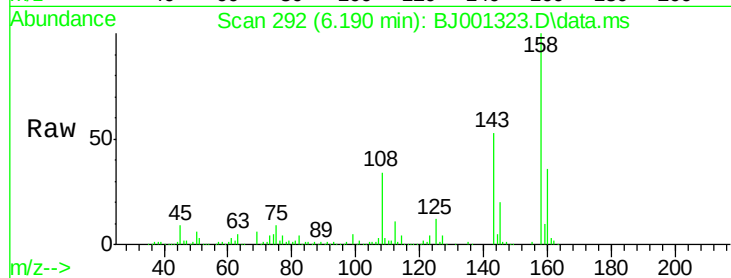




#11
p-Chlorophenylmethylsulfide
Concen: 24.65 ug/mL m
RT: 6.190 min Scan# 291
Delta R.T. 0.010 min
Lab File: BJ001323.D
Acq: 10 Dec 2012 17:19

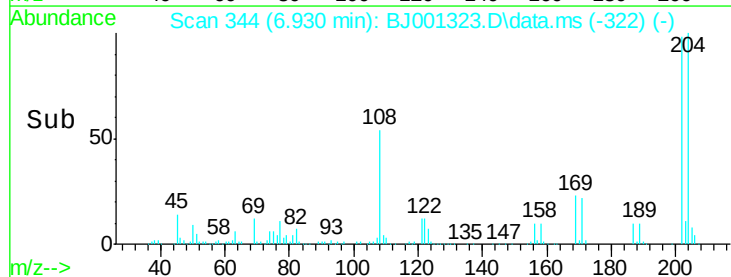
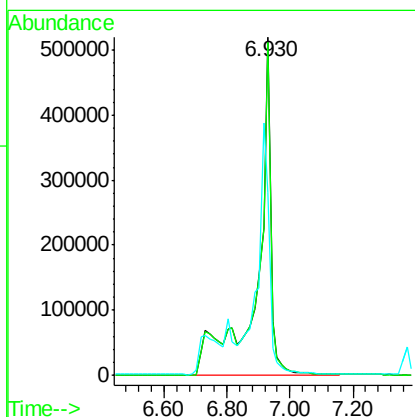
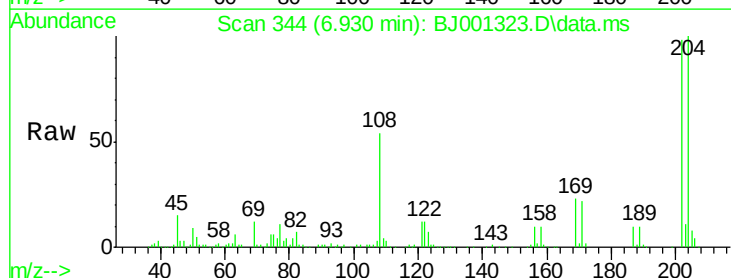
Instrument :
BNA_J
LabSampleId :
CWA-5

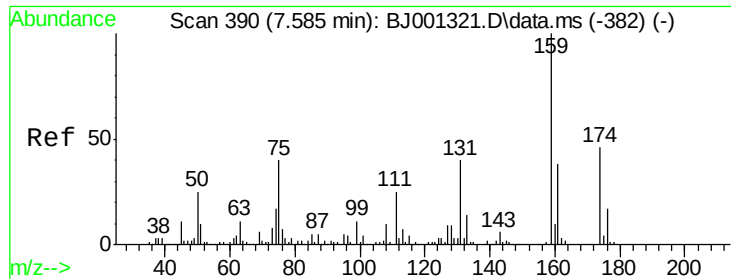
Tgt Ion:	158	Resp:	2827085
Ion	Ratio	Lower	Upper
158	100		
143	53.1	34.4	74.4
108	33.7	22.9	62.9
45	9.1	0.0	36.9



#12
2-Bromothioanisole
Concen: 29.62 ug/mL m
RT: 6.930 min Scan# 344
Delta R.T. 0.010 min
Lab File: BJ001323.D
Acq: 10 Dec 2012 17:19

Tgt Ion:	204	Resp:	1616340
Ion	Ratio	Lower	Upper
204	100		
202	98.5	80.7	120.7
108	54.4	87.3	127.3#

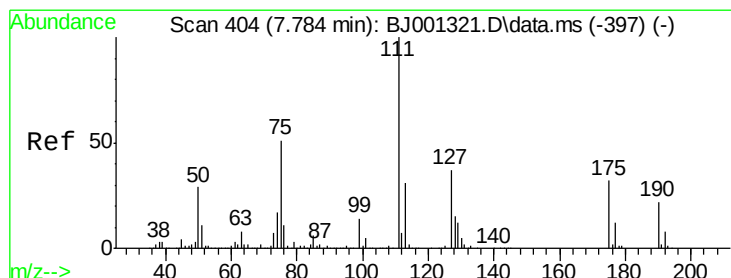
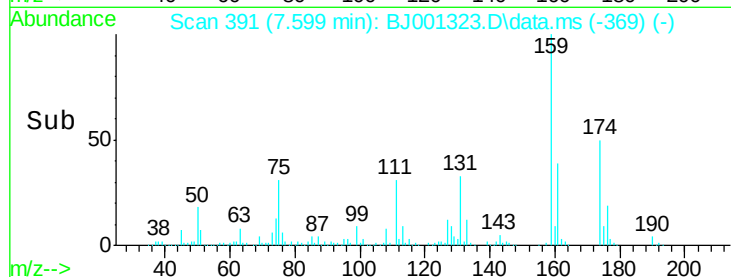
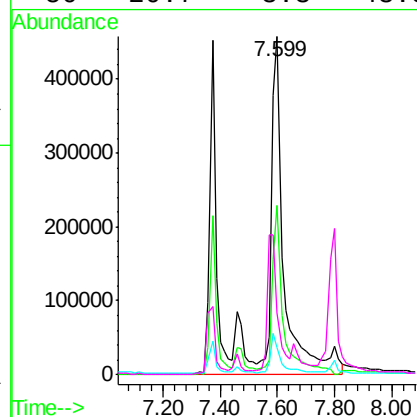
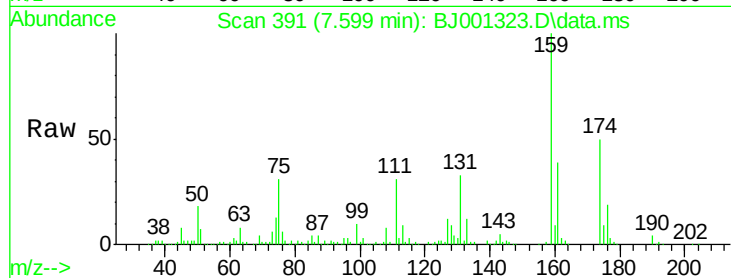




#13
p-Chlorophenylmethylsulfoxide
Concen: 28.99 ug/mL m
RT: 7.599 min Scan# 391
Delta R.T. 0.010 min
Lab File: BJ001323.D
Acq: 10 Dec 2012 17:19

Instrument :
BNA_J
LabSampleId :
CWA-5

Tgt Ion:159 Resp: 2246873
Ion Ratio Lower Upper
159 100
174 27.1 26.4 66.4
108 5.5 0.0 29.6
50 20.7 3.3 43.3



#14
p-Chlorophenylmethylsulfone
Concen: 30.46 ug/mL m
RT: 7.799 min Scan# 405
Delta R.T. 0.010 min
Lab File: BJ001323.D
Acq: 10 Dec 2012 17:19

Tgt Ion:111 Resp: 3424708
Ion Ratio Lower Upper
111 100
75 44.6 27.3 67.3
127 37.8 17.0 57.0
190 24.1 0.8 40.8

