

Data File : H:\VOL1\GCMSDATA\J\121127\BJ001295.D
 Acq On : 27 Nov 2012 14:33
 Sample : CWA-1
 Misc : CWA STD BNA J HLM
 MS Integration Params: rteint.p
 Quant Time: Nov 27 14:49 2012

Vial: 7
 Operator: HLM
 Inst : BNA J
 Multiplr: 1.00

Instrument :
 BNA_J
 LabSampleId :
 CWA-1

Quant Results File: BJ112712.M

Quant Method : H:\VOL1\GCMSDATA\J\METHODS\BJ112712.M (RTE Integrator)
 Title : CWA degradation products by GCMS
 Last Update : Tue Nov 27 14:34:19 2012
 Response via : Initial Calibration
 DataAcq Meth : CWAJ

Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.35	152	270953	2.00	ug/mL	0.00
6) Naphthalene-d8	5.63	136	1192521	2.00	ug/mL	0.01
System Monitoring Compounds						
10) Tripropylphosphate	6.70	99	53253	0.09	ug/mL	0.00
Spiked Amount 0.500	Range	70 - 130	Recovery	=	18.00%#	
12) 2-Bromothioanisole	6.91	204	47743	0.48	ug/mL	0.00
Spiked Amount 5.000	Range	70 - 130	Recovery	=	9.60%#	
Target Compounds						
					Ovalue	
2) Dimethyl Disulfide	2.33	94	26830	0.21	ug/mL#	30
3) DMMP	3.27	79	7044	0.04	ug/mL	87
4) DIMP	4.62	97	20768	0.07	ug/mL	82
5) 1,4-Oxathiane	3.36	46	35450	0.21	ug/mL#	59
7) 1,4-Dithiane	4.79	46	31661	0.21	ug/mL	94
8) Thiodiglycol	5.69	61	104890	0.86	ug/mL	96
9) Benzothiazole	5.93	135	168369	0.51	ug/mL	97
11) p-Chlorophenylmethyldisulfide	6.17	158	100037	0.48	ug/mL#	89
13) p-Chlorophenylmethyldisulfox	7.61	159	66348	0.47	ug/mL	95
14) p-Chlorophenylmethyldisulfon	7.80	111	94041	0.45	ug/mL	93

Quantitation Report

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Quant Time: Nov 27 14:49 2012

Vial: 7
Operator: HLM
Inst : BNA J
Multiplr: 1.00

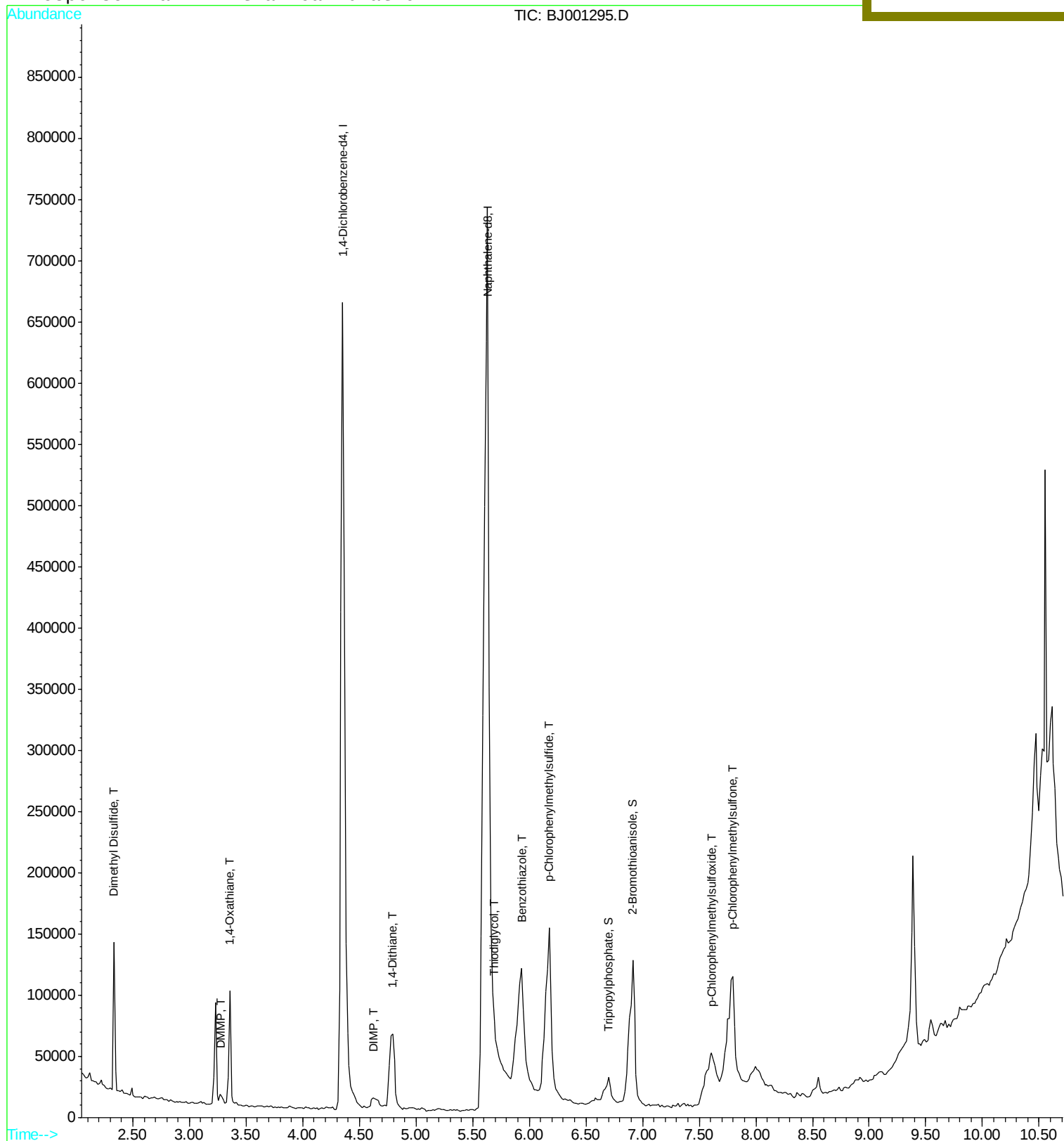
Instrument :
BNA_J
LabSampleId :
CWA-1

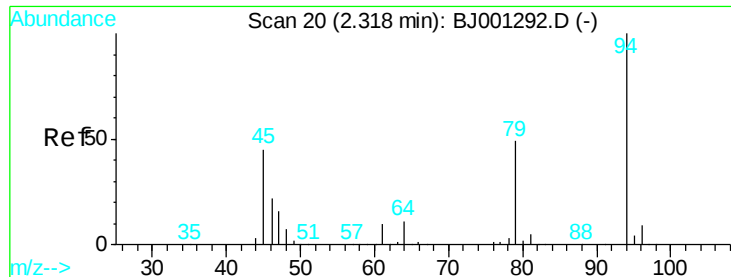
Quant Results File: BJ112712.M

Method : H:\VOL1\GCMSDATA\J\METHODS\BJ112712.M (RTE Integrator)
Title : CWA degradation products by GCMS
Last Update : Tue Nov 27 14:32:18 2012
Response via : Initial Calibration

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#2

Dimethyl Disulfide

Concen: 0.21 ug/mL

RT: 2.33 min Scan# 21

Delta R.T. 0.01 min

Lab File: BJ001295.D

Acq: 27 Nov 2012 14:33

Instrument :

BNA_J

LabSampleId :

CWA-1

Tgt Ion: 94 Resp: 26830

Ion Ratio Lower Upper

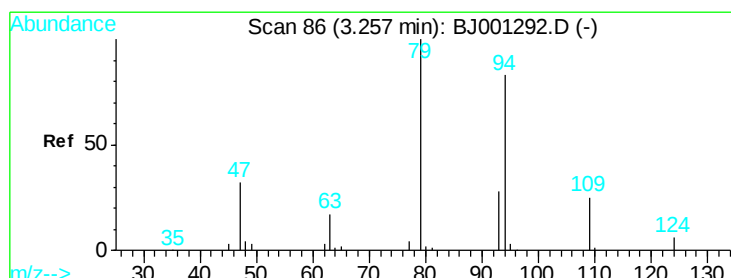
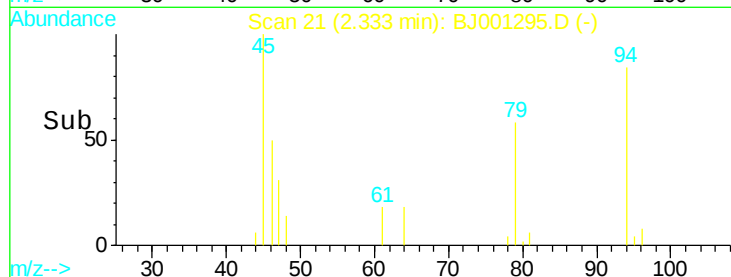
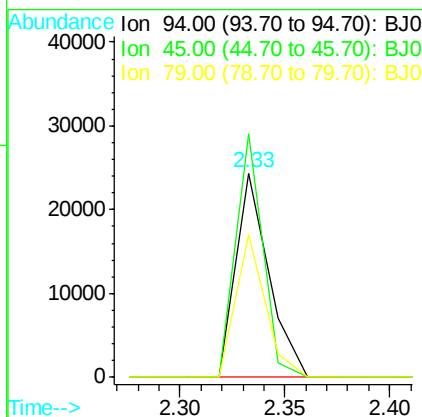
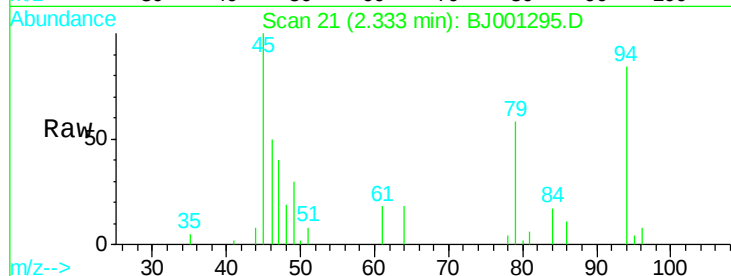
94 100

45 119.4 25.1 65.1#

79 69.8 29.4 69.4#

Manual Integrations
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#3

DMMP

Concen: 0.04 ug/mL

RT: 3.27 min Scan# 87

Delta R.T. 0.02 min

Lab File: BJ001295.D

Acq: 27 Nov 2012 14:33

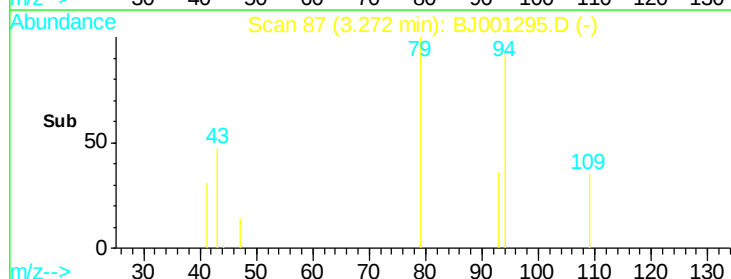
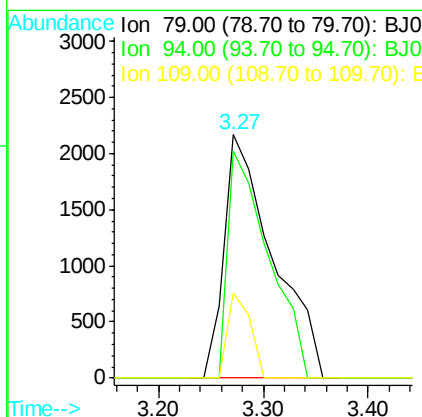
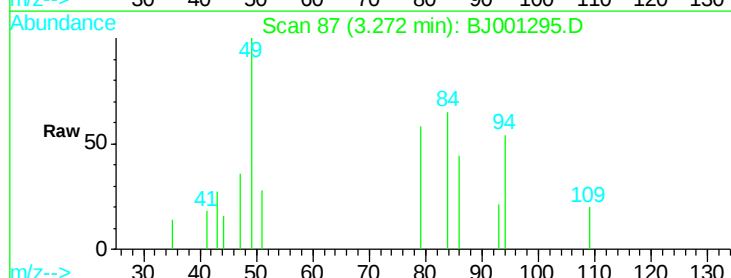
Tgt Ion: 79 Resp: 7044

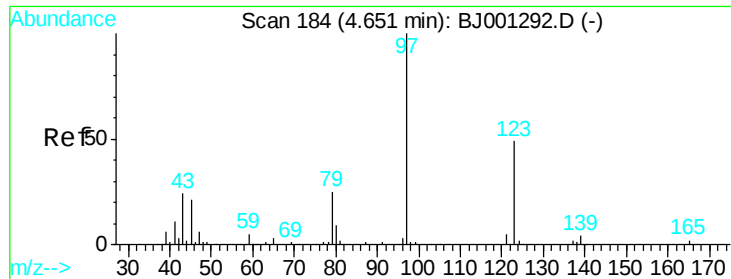
Ion Ratio Lower Upper

79 100

94 93.4 63.0 103.0

109 34.9 5.3 45.3





#4

DIMP

Concen: 0.07 ug/mL

RT: 4.62 min Scan# 182

Delta R.T. -0.03 min

Lab File: BJ001295.D

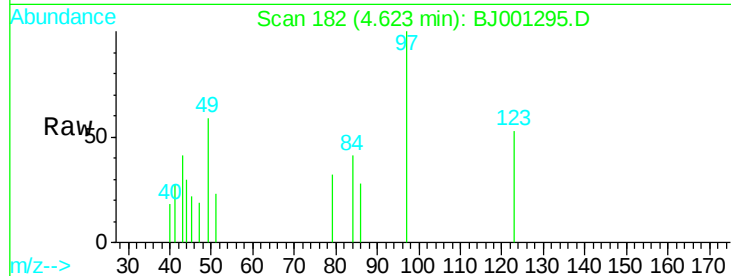
Acq: 27 Nov 2012 14:33

Instrument :

BNA_J

LabSampleId :

CWA-1



Tgt Ion: 97 Resp: 20768

Ion Ratio Lower Upper

97 100

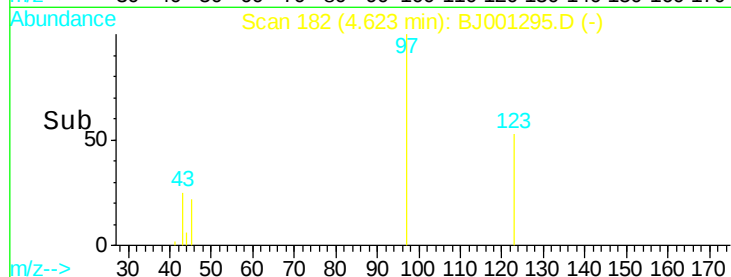
123 53.0 29.2 69.2

43 40.5 4.0 44.0

41 26.6 0.0 31.6

Manual Integrations
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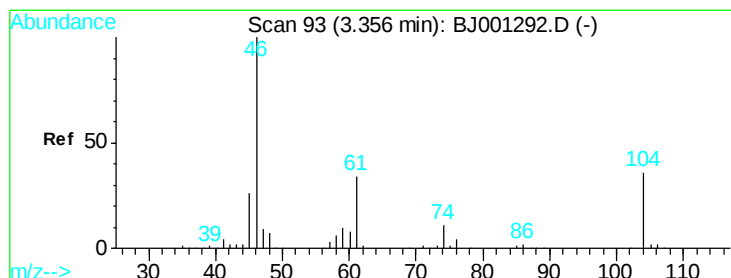
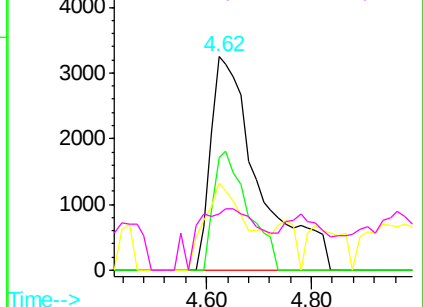
Abundance

Ion 97.00 (96.70 to 97.70): BJ0

Ion 123.00 (122.70 to 123.70): BJ0

Ion 43.00 (42.70 to 43.70): BJ0

Ion 41.00 (40.70 to 41.70): BJ0



#5

1,4-Oxathiane

Concen: 0.21 ug/mL

RT: 3.36 min Scan# 93

Delta R.T. 0.00 min

Lab File: BJ001295.D

Acq: 27 Nov 2012 14:33

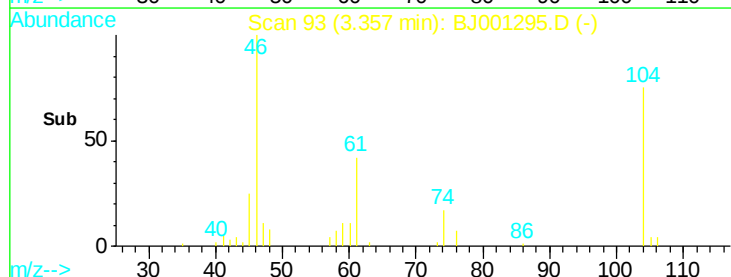
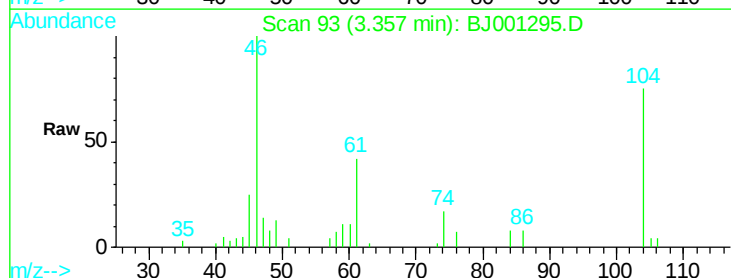
Tgt Ion: 46 Resp: 35450

Ion Ratio Lower Upper

46 100

61 41.6 13.6 53.6

104 75.0 16.0 56.0#

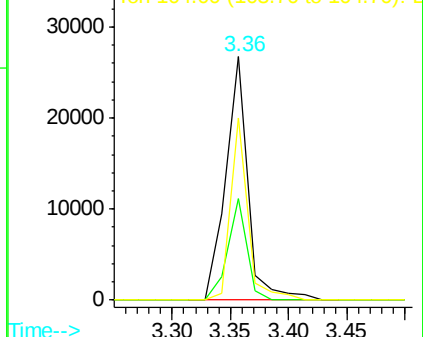


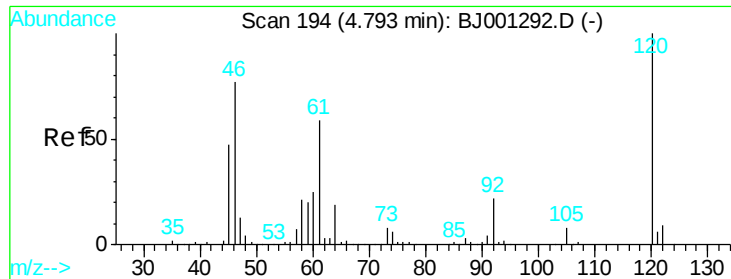
Abundance

Ion 46.00 (45.70 to 46.70): BJ0

Ion 61.00 (60.70 to 61.70): BJ0

Ion 104.00 (103.70 to 104.70): BJ0





#7

1,4-Dithiane

Concen: 0.21 ug/mL

RT: 4.79 min Scan# 194

Delta R.T. 0.00 min

Lab File: BJ001295.D

Acq: 27 Nov 2012 14:33

Instrument :

BNA_J

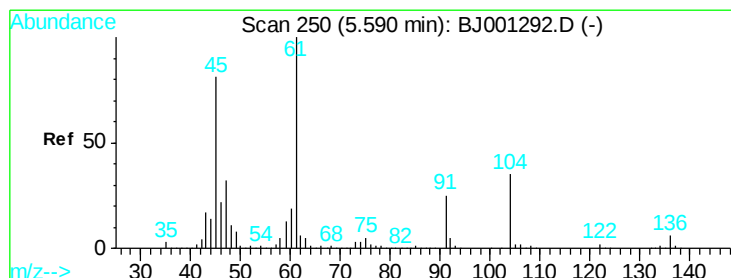
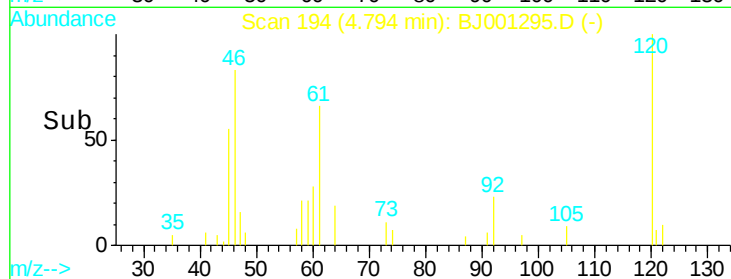
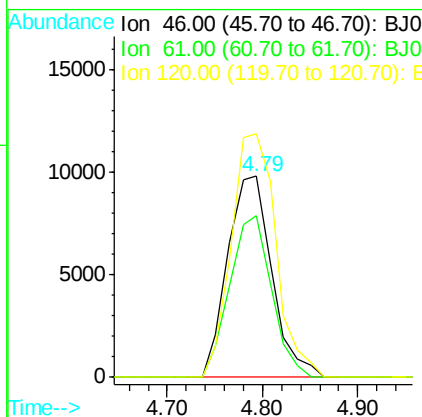
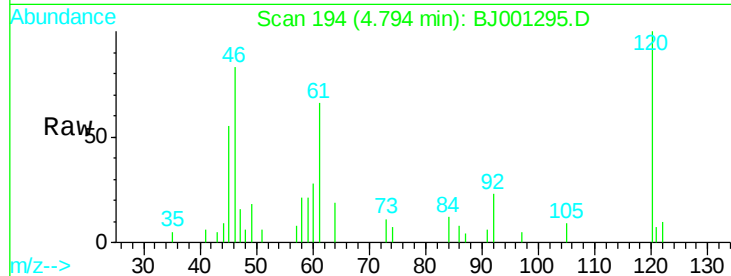
LabSampleId :

CWA-1

Tgt Ion: 46 Resp: 31661
 Ion Ratio Lower Upper
 46 100
 61 80.4 56.1 96.1
 120 121.0 109.1 149.1

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#8

Thiodiglycol

Concen: 0.86 ug/mL

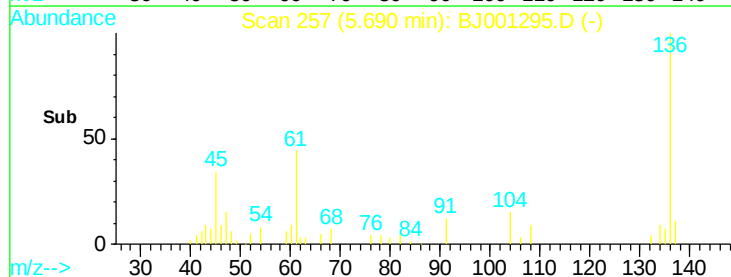
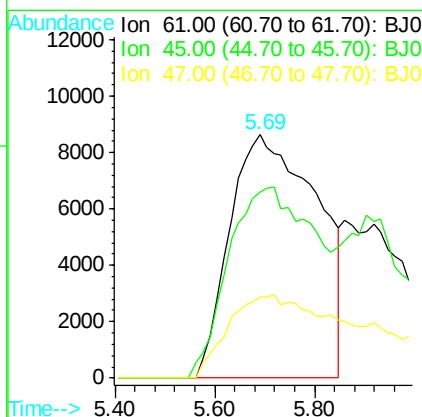
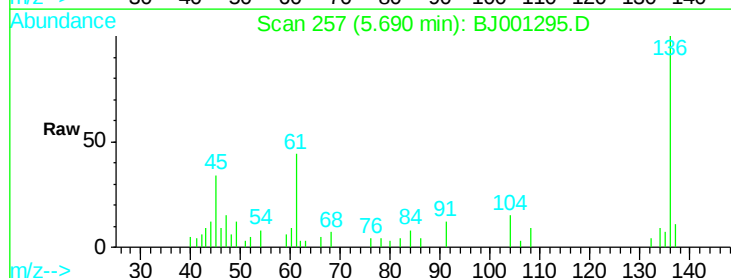
RT: 5.69 min Scan# 257

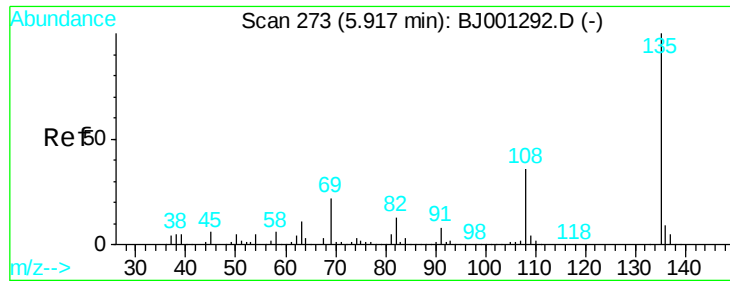
Delta R.T. 0.10 min

Lab File: BJ001295.D

Acq: 27 Nov 2012 14:33

Tgt Ion: 61 Resp: 104890
 Ion Ratio Lower Upper
 61 100
 45 76.3 61.0 101.0
 47 33.3 12.2 52.2





#9

Benzothiazole

Concen: 0.51 ug/mL

RT: 5.93 min Scan# 274

Delta R.T. 0.01 min

Lab File: BJ001295.D

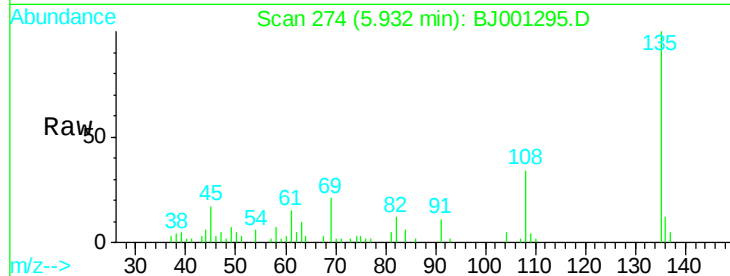
Acq: 27 Nov 2012 14:33

Instrument :

BNA_J

LabSampleId :

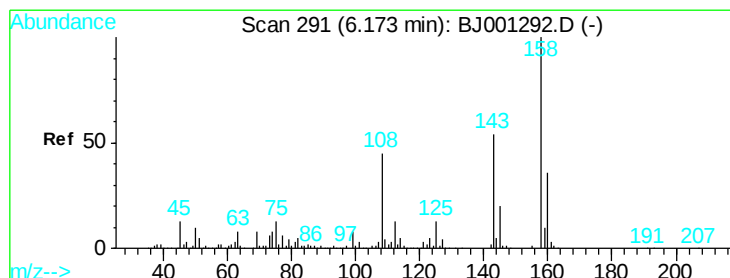
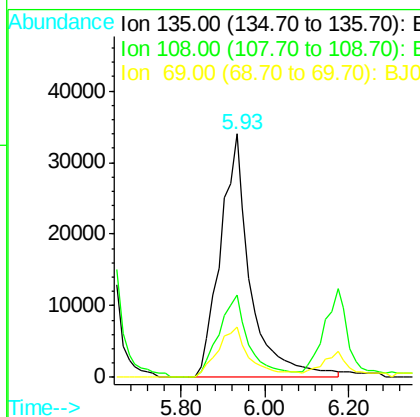
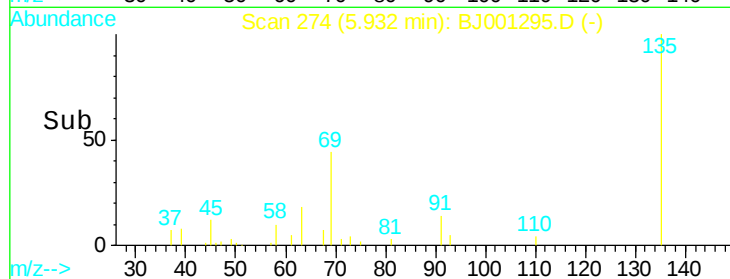
CWA-1



Tgt Ion:	135	Resp:	168369
Ion Ratio	Lower	Upper	
135	100		
108	33.7	15.7	55.7
69	20.7	2.2	42.2

Manual Integrations
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#11

p-Chlorophenylmethylsulfide

Concen: 0.48 ug/mL

RT: 6.17 min Scan# 291

Delta R.T. 0.00 min

Lab File: BJ001295.D

Acq: 27 Nov 2012 14:33

Tgt Ion:158 Resp: 100037

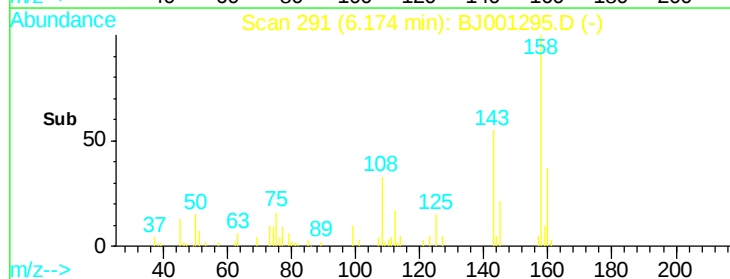
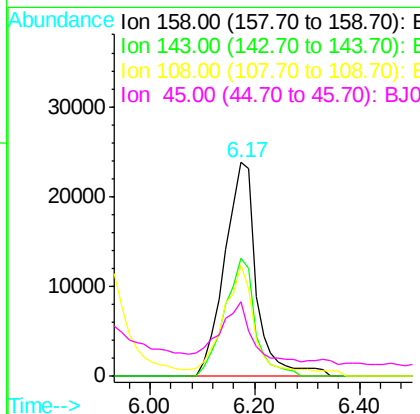
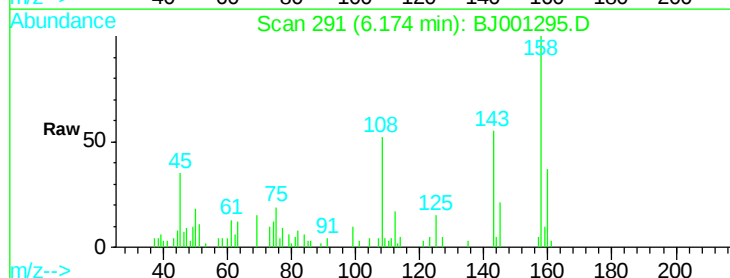
Ion Ratio Lower Upper

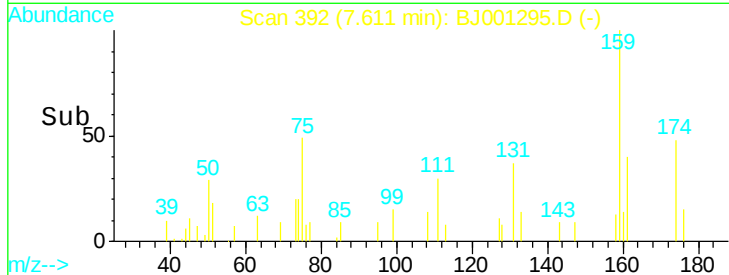
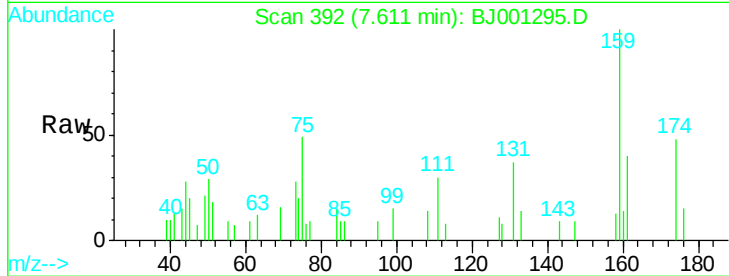
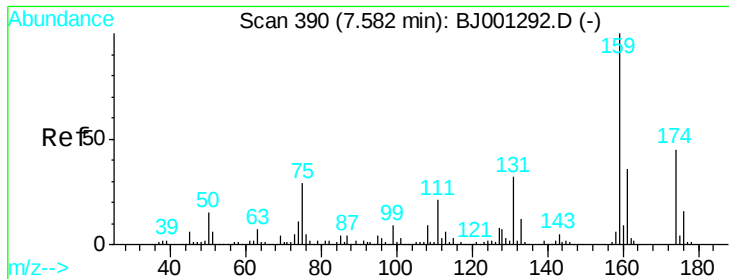
158 100

143 55.4 34.4 74.4

108 52.1 25.3 65.3

45 34.9 0.0 34.7#





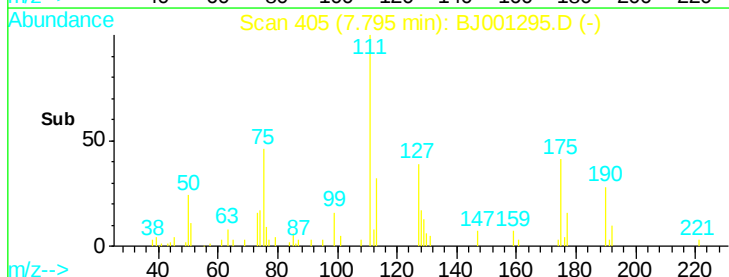
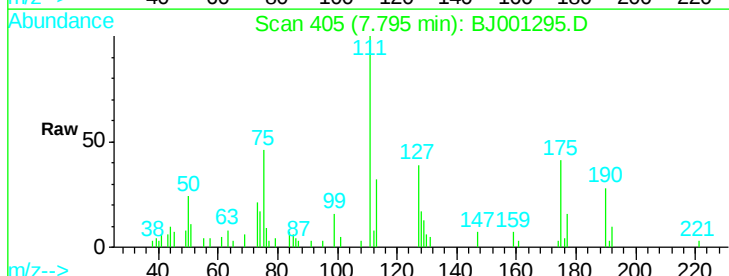
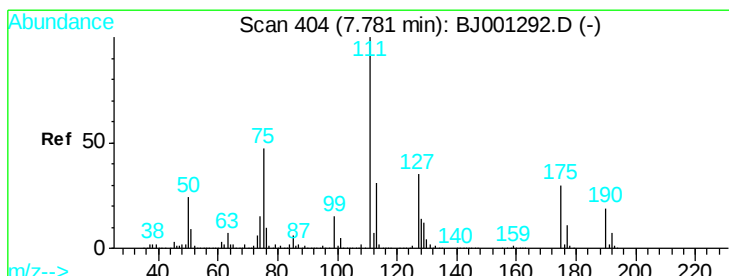
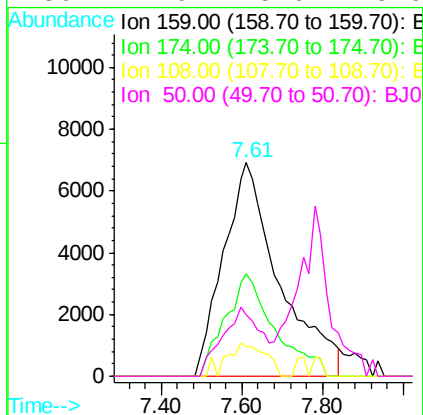
#13
p-Chlorophenylmethylsulfoxide
Concen: 0.47 ug/mL
RT: 7.61 min Scan# 392
Delta R.T. 0.03 min
Lab File: BJ001295.D
Acq: 27 Nov 2012 14:33

Instrument :
BNA_J
LabSampleId :
CWA-1

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Tgt Ion	Ion	Ratio	Resp	Lower	Upper
159	100		66348		
174	42.4	25.2	65.2		
108	10.8	0.0	30.3		
50	21.9	5.6	45.6		



#14
p-Chlorophenylmethylsulfone
Concen: 0.45 ug/mL
RT: 7.80 min Scan# 405
Delta R.T. 0.02 min
Lab File: BJ001295.D
Acq: 27 Nov 2012 14:33

Tgt Ion	Ion	Ratio	Lower	Upper
111	100			
75	45.8	27.5	67.5	
127	39.4	15.3	55.3	
190	27.9	0.0	38.6	

