

Data File : H:\VOL1\GCMSDATA\J\120924\BJ001144.D
 Acq On : 24 Sep 2012 15:52
 Sample : CWA-6
 Misc : CWA STD BNA J HLM
 MS Integration Params: rteint.p
 Quant Time: Sep 27 17:01 2012

Vial: 2
 Operator: HLM
 Inst : BNA J
 Multiplr: 1.00

Instrument :
 BNA_J
 LabSampleId :
 CWA-6

Quant Results File: BJ092412.M

Quant Method : H:\VOL1\GCMSDATA\J\METHODS\BJ092412.M (RTE Integrator)
 Title : CWA degradation products by GCMS
 Last Update : Thu Sep 27 16:58:07 2012
 Response via : Initial Calibration
 DataAcq Meth : CWAJ

Manual Integrations
 APPROVED

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 10/9/2012 7:05:48 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.30	152	350823	2.00	ug/mL	-0.11
6) Naphthalene-d8	5.48	136	957817	2.00	ug/mL	-0.20

System Monitoring Compounds

10) Tripropylphosphate	6.54	99	5275327	12.75	ug/mL	-0.21
Spiked Amount	0.500	Range	70 - 130	Recovery	= 2550.00%#	
12) 2-Bromothioanisole	6.75	204	3794679	51.31	ug/mL	-0.23
Spiked Amount	5.000	Range	70 - 130	Recovery	= 1026.20%#	

Target Compounds

						Ovalue
2) Dimethyl Disulfide	2.28	94	1240837	8.04	ug/mL	96
3) DMMP	3.33	79	1973626	12.55	ug/mL	92
4) DIMP	4.54	97	3667117	9.86	ug/mL	94
5) 1,4-Oxathiane	3.46	46	4495685	30.50	ug/mL	88
7) 1,4-Dithiane	4.70	46	2272564	27.81	ug/mL	98
8) Thiodiglycol	5.50	61	17158950	221.17	ug/mL	97
9) Benzothiazole	5.77	135	19413521	74.62	ug/mL	93
11) p-Chlorophenylmethyldisulfide	6.01	158	7920520	51.49	ug/mL	79
13) p-Chlorophenylmethyldisulfox	7.39	159	7090353	72.02	ug/mL#	87
14) p-Chlorophenylmethyldisulfon	7.60	111	9456287	49.98	ug/mL	98

Quantitation Report

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 Inst : BNA J
 Multiplr: 1.00

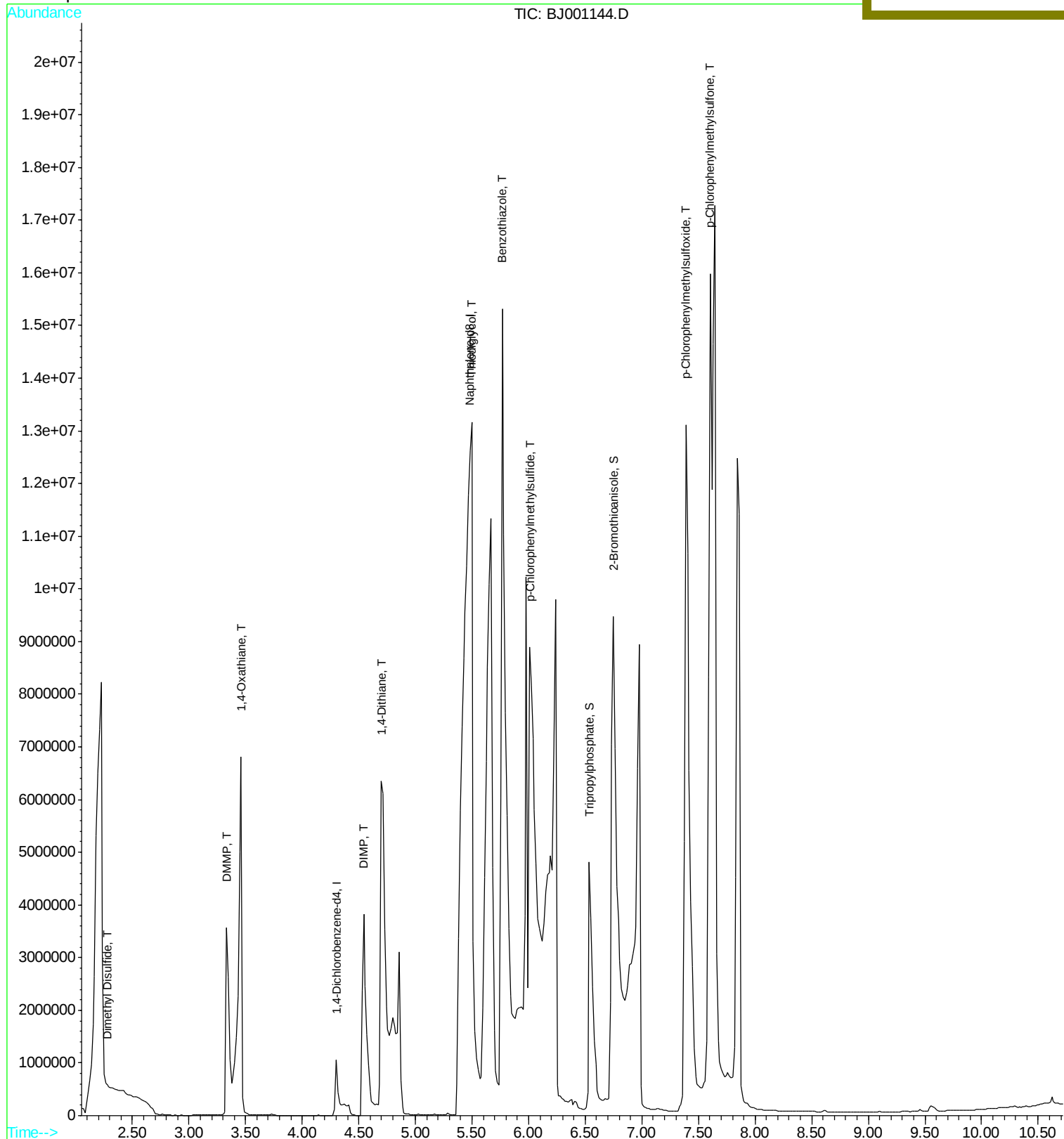
Instrument :
 BNA_J
 LabSampleId :
 CWA-6

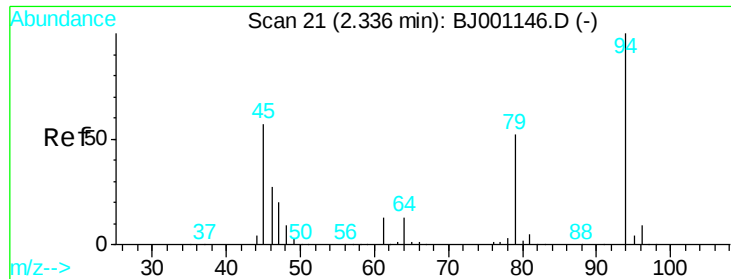
Quant Results File: BJ092412.KES

Method : H:\VOL1\GCMSDATA\J\METHODS\BJ092412.M (RTE Integrator)
 Title : CWA degradation products by GCMS
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#2

Dimethyl Disulfide

Concen: 8.04 ug/mL

RT: 2.28 min Scan# 17

Delta R.T. -0.06 min

Lab File: BJ001144.D

Acq: 24 Sep 2012 15:52

Instrument :

BNA_J

LabSampleId :

CWA-6

Tgt Ion: 94 Resp: 1240837

Ion Ratio Lower Upper

94 100

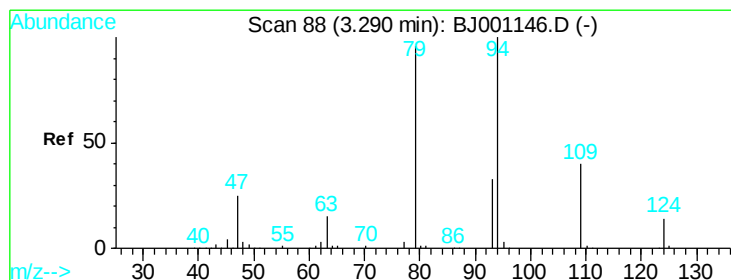
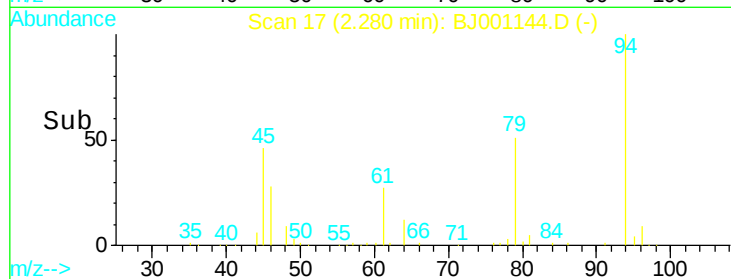
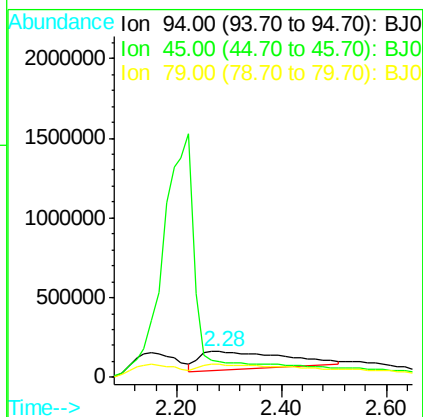
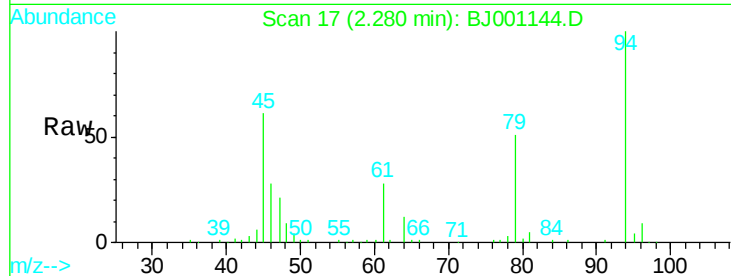
45 60.7 36.7 76.7

79 50.6 31.6 71.6

Manual Integrations
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#3

DMMP

Concen: 12.55 ug/mL

RT: 3.33 min Scan# 91

Delta R.T. 0.04 min

Lab File: BJ001144.D

Acq: 24 Sep 2012 15:52

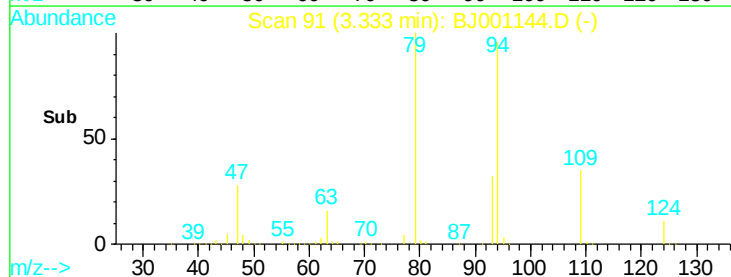
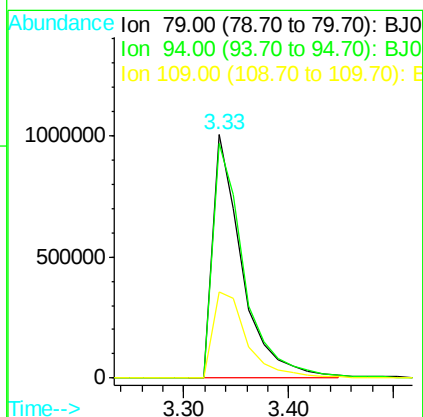
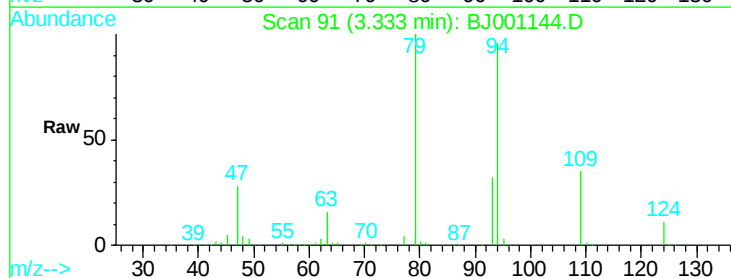
Tgt Ion: 79 Resp: 1973626

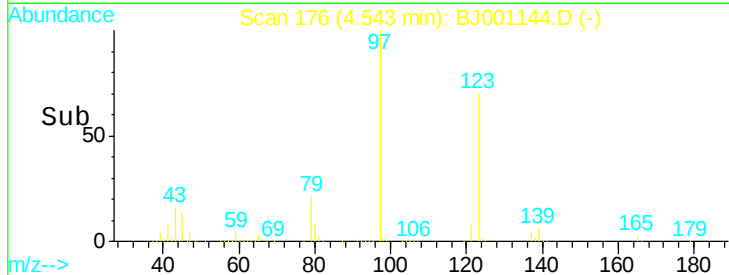
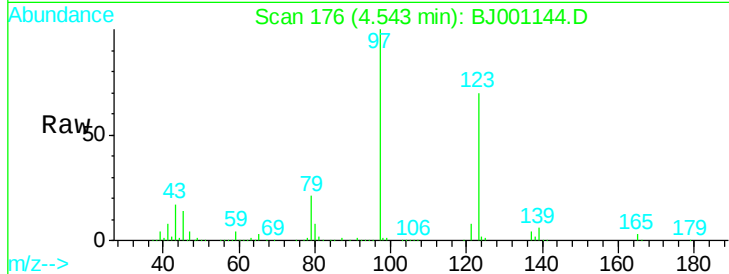
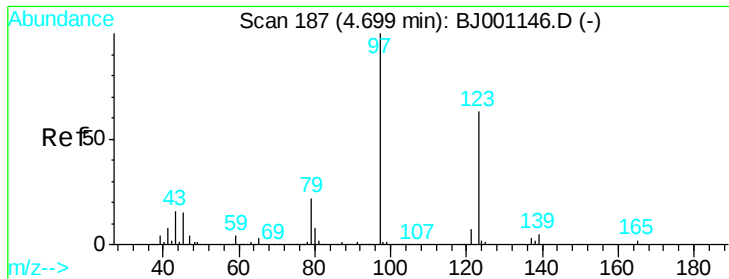
Ion Ratio Lower Upper

79 100

94 96.3 83.7 123.7

109 35.4 21.5 61.5





#4

DIMP

Concen: 9.86 ug/mL

RT: 4.54 min Scan# 176

Delta R.T. -0.16 min

Lab File: BJ001144.D

Acq: 24 Sep 2012 15:52

Tgt Ion:	97	Resp:	3667117
Ion	Ratio	Lower	Upper
97	100		
123	70.0	43.3	83.3
43	16.6	0.0	36.5
41	7.9	0.0	27.9

Instrument :

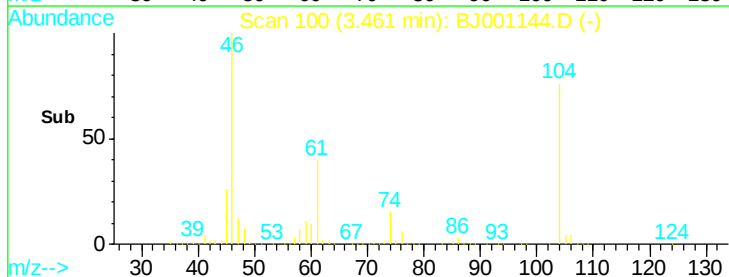
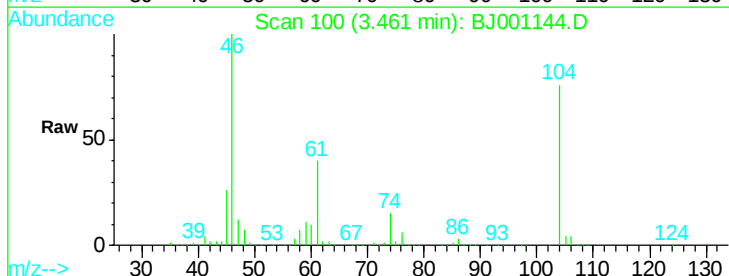
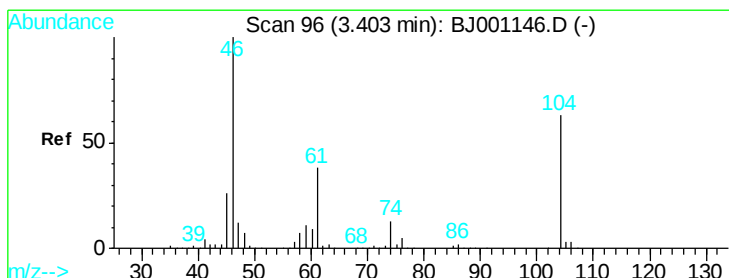
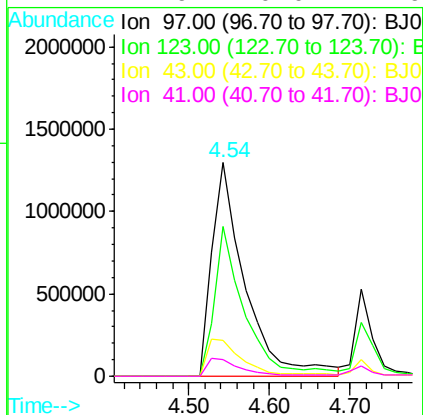
BNA_J

LabSampleId :

CWA-6

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#5

1,4-Oxathiane

Concen: 30.50 ug/mL

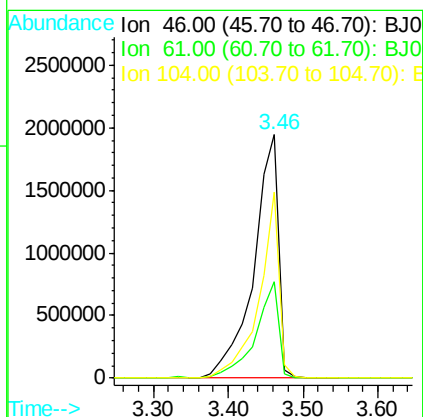
RT: 3.46 min Scan# 100

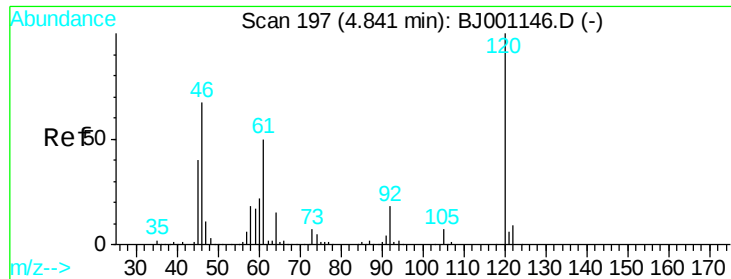
Delta R.T. 0.06 min

Lab File: BJ001144.D

Acq: 24 Sep 2012 15:52

Tgt Ion:	46	Resp:	4495685
Ion	Ratio	Lower	Upper
46	100		
61	39.6	18.0	58.0
104	76.3	43.0	83.0





#7

1,4-Dithiane

Concen: 27.81 ug/mL

RT: 4.70 min Scan# 187

Delta R.T. -0.14 min

Lab File: BJ001144.D

Acq: 24 Sep 2012 15:52

Instrument :

BNA_J

LabSampleId :

CWA-6

Tgt Ion: 46 Resp: 2272564

Ion Ratio Lower Upper

46 100

61 75.2 54.6 94.6

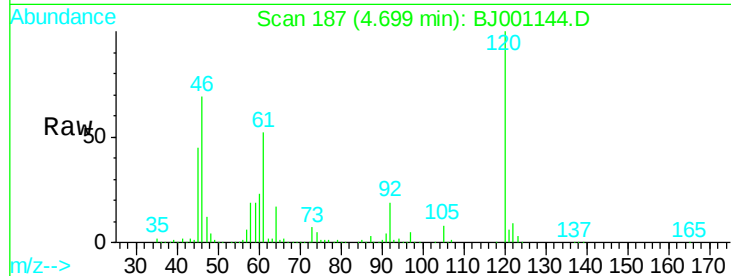
120 145.2 129.2 169.2

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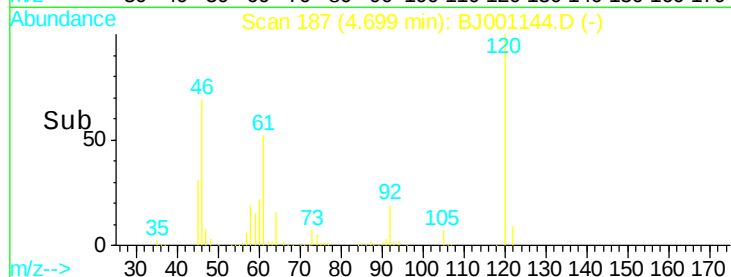
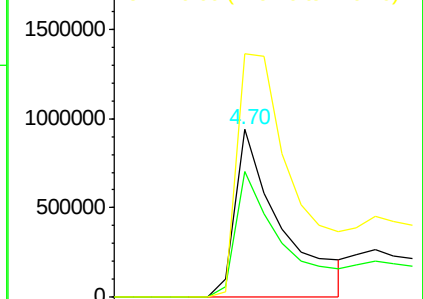


Abundance

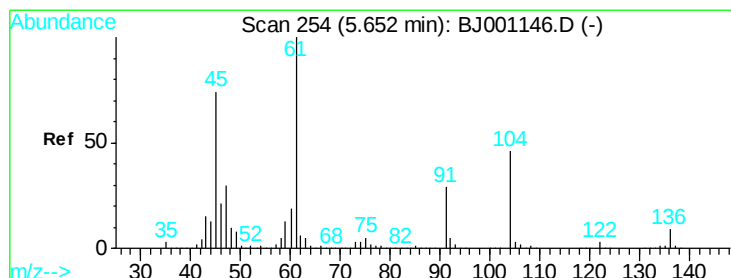
Ion 46.00 (45.70 to 46.70): BJ0

Ion 61.00 (60.70 to 61.70): BJ0

Ion 120.00 (119.70 to 120.70): BJ0



Time-->



#8

Thiodiglycol

Concen: 221.17 ug/mL

RT: 5.50 min Scan# 243

Delta R.T. -0.16 min

Lab File: BJ001144.D

Acq: 24 Sep 2012 15:52

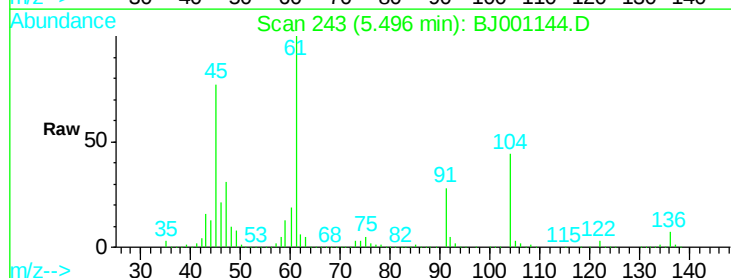
Tgt Ion: 61 Resp:17158950

Ion Ratio Lower Upper

61 100

45 76.9 54.2 94.2

47 30.5 9.7 49.7

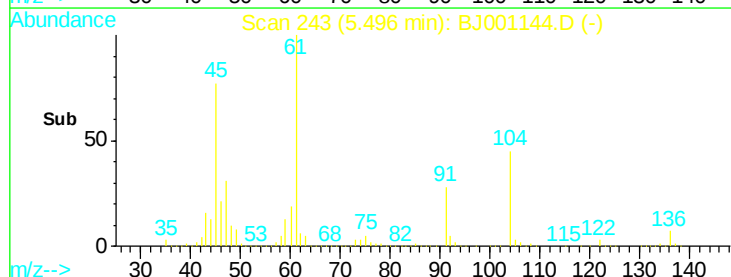
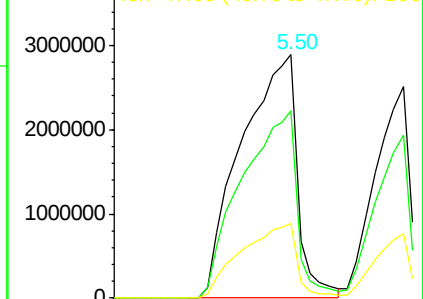


Abundance

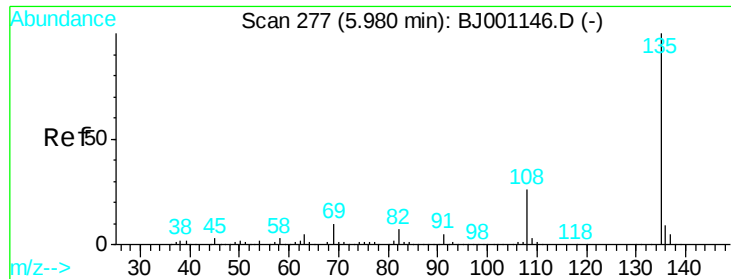
Ion 61.00 (60.70 to 61.70): BJ0

Ion 45.00 (44.70 to 45.70): BJ0

Ion 47.00 (46.70 to 47.70): BJ0



Time-->



#9

Benzothiazole

Concen: 74.62 ug/mL

RT: 5.77 min Scan# 262

Delta R.T. -0.21 min

Lab File: BJ001144.D

Acq: 24 Sep 2012 15:52

Instrument :

BNA_J

LabSampleId :

CWA-6

Tgt Ion:135 Resp:19413521

Ion Ratio Lower Upper

135 100

108 29.3 6.2 46.2

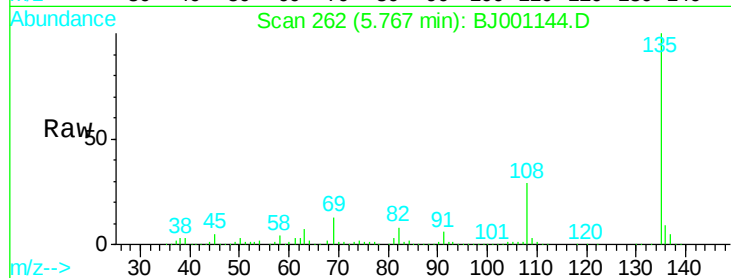
69 13.4 0.0 30.4

Manual Integrations

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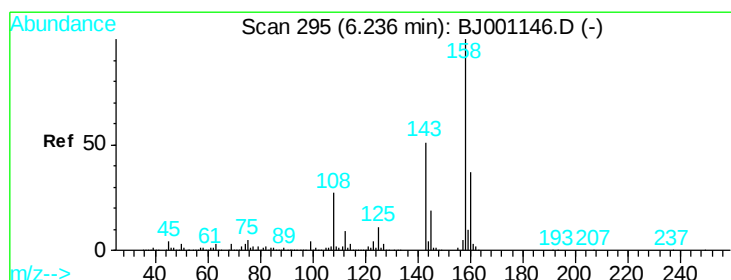
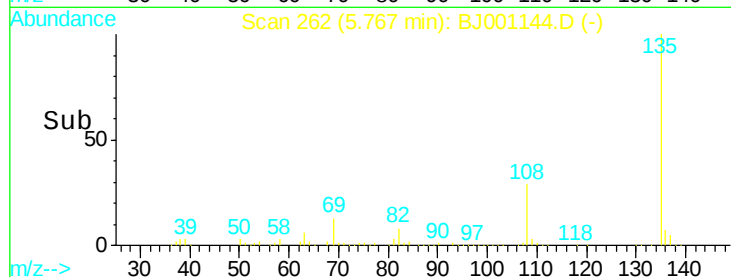
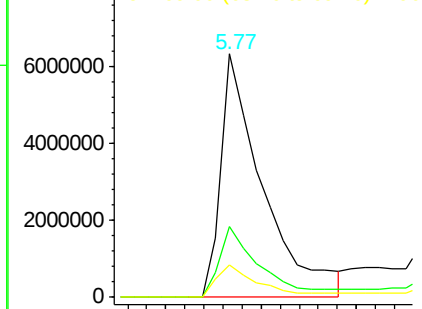


Abundance

Ion 135.00 (134.70 to 135.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 69.00 (68.70 to 69.70): BJ0



#11

p-Chlorophenylmethylsulfide

Concen: 51.49 ug/mL

RT: 6.01 min Scan# 279

Delta R.T. -0.23 min

Lab File: BJ001144.D

Acq: 24 Sep 2012 15:52

Tgt Ion:158 Resp: 7920520

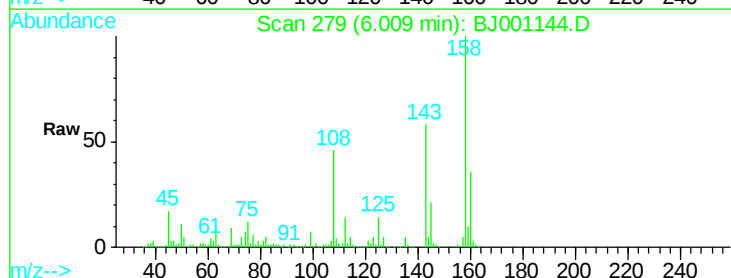
Ion Ratio Lower Upper

158 100

143 58.2 30.6 70.6

108 45.8 6.9 46.9

45 16.7 0.0 24.3



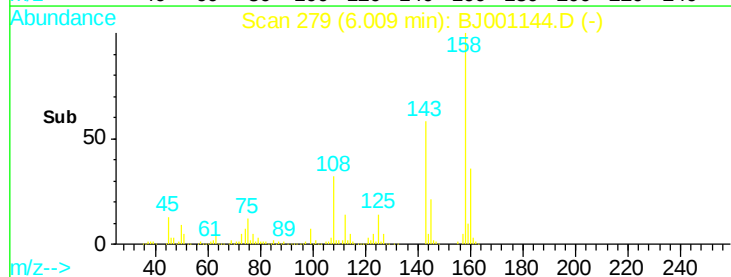
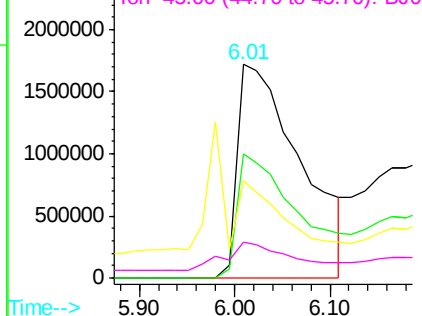
Abundance

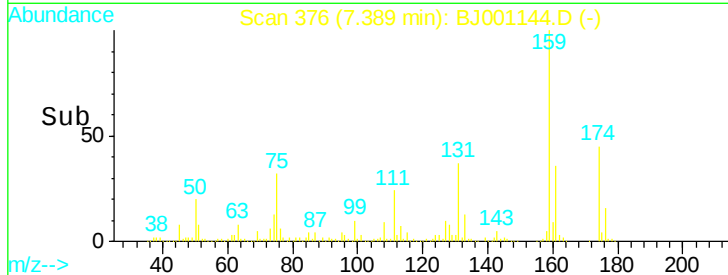
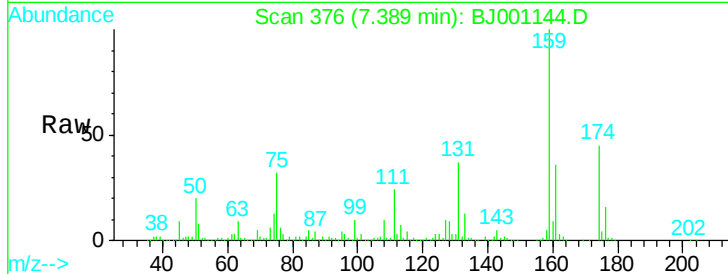
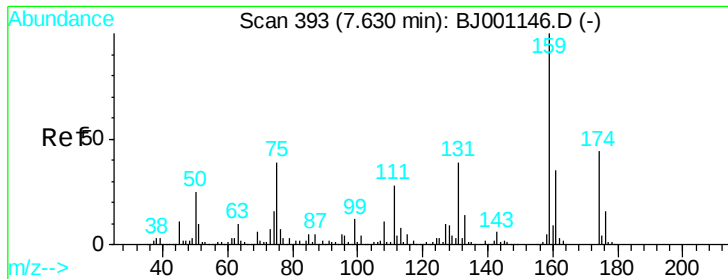
Ion 158.00 (157.70 to 158.70): E

Ion 143.00 (142.70 to 143.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 45.00 (44.70 to 45.70): BJ0





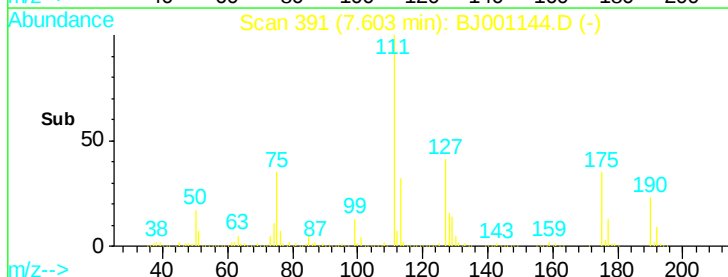
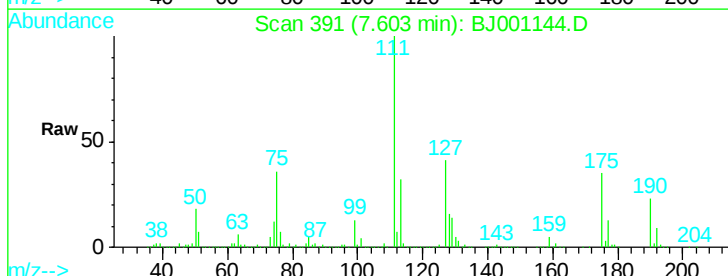
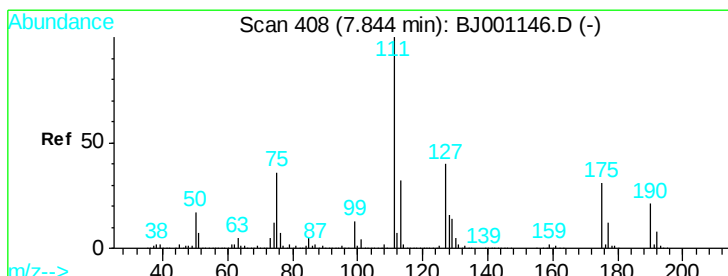
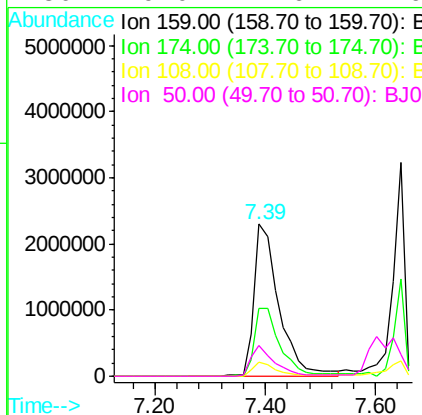
#13
p-Chlorophenylmethylsulfoxide
Concen: 72.02 ug/mL
RT: 7.39 min Scan# 376
Delta R.T. -0.24 min
Lab File: BJ001144.D
Acq: 24 Sep 2012 15:52

Instrument :
BNA_J
LabSampleId :
CWA-6

Tgt Ion:159 Resp: 7090353
Ion Ratio Lower Upper
159 100
174 46.9 0.0 20.4#
108 9.0 0.0 22.2
50 19.0 4.6 44.6

Manual Integrations
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#14
p-Chlorophenylmethylsulfone
Concen: 49.98 ug/mL
RT: 7.60 min Scan# 391
Delta R.T. -0.24 min
Lab File: BJ001144.D
Acq: 24 Sep 2012 15:52

Tgt Ion:111 Resp: 9456287
Ion Ratio Lower Upper
111 100
75 35.8 16.1 56.1
127 40.7 19.6 59.6
190 23.2 1.2 41.2

