

Data File : H:\VOL1\GCMSDATA\J\121127\BJ001290.D
 Acq On : 27 Nov 2012 13:07
 Sample : CWA-6
 Misc : CWA STD BNA J HLM
 MS Integration Params: rteint.p
 Quant Time: Nov 27 14:24 2012

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

Instrument :
 BNA_J
 LabSampleId :
 CWA-6

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 14:23:24 2012
 Response via : Initial Calibration
 DataAcq Meth : CWAJ

Manual Integrations
 APPROVED

AHPatel
 12/5/2012 3:22:56 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.31	152	109087	2.00	ug/mL	-0.04
6) Naphthalene-d8	5.56	136	212804	2.00	ug/mL	-0.06

System Monitoring Compounds

10) Tripropylphosphate	6.61	99	341331	4.10	ug/mL	-0.08
Spiked Amount	0.500	Range	70 - 130	Recovery	=	820.00%#
12) 2-Bromothioanisole	6.83	204	953883	57.23	ug/mL	-0.08
Spiked Amount	5.000	Range	70 - 130	Recovery	=	1144.60%#

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dimethyl Disulfide	2.30	94	707268	17.96	ug/mL#	49
3) DMMP	3.30	79	1423908	32.44	ug/mL	93
4) DIMP	4.61	97	197648	1.94	ug/mL	95
5) 1,4-Oxathiane	3.40	46	3668531	86.78	ug/mL	99
7) 1,4-Dithiane	4.62	46	1844921	114.34	ug/mL	97
8) Thiodiglycol	5.62	61	7383789	343.34	ug/mL	100
9) Benzothiazole	5.85	135	1716782	28.99	ug/mL	98
11) p-Chlorophenylmethyldisulfide	6.10	158	2219418	60.60	ug/mL	92
13) p-Chlorophenylmethyldisulfox	7.58	159	2258890	62.83	ug/mL	94
14) p-Chlorophenylmethyldisulfon	7.68	111	451409	14.95	ug/mL	95

Data File : H:\VOL1\GCMSDATA\J\121127\BJ001290.D
Acq On : 27 Nov 2012 13:07
Sample : CWA-6
Misc : CWA STD BNA_J HLM
MS Integration Params: rteint.p
Quant Time: Nov 27 14:24 2012

Vial: 2
Operator: HLM
Inst : BNA_J
Multiplr: 1.00

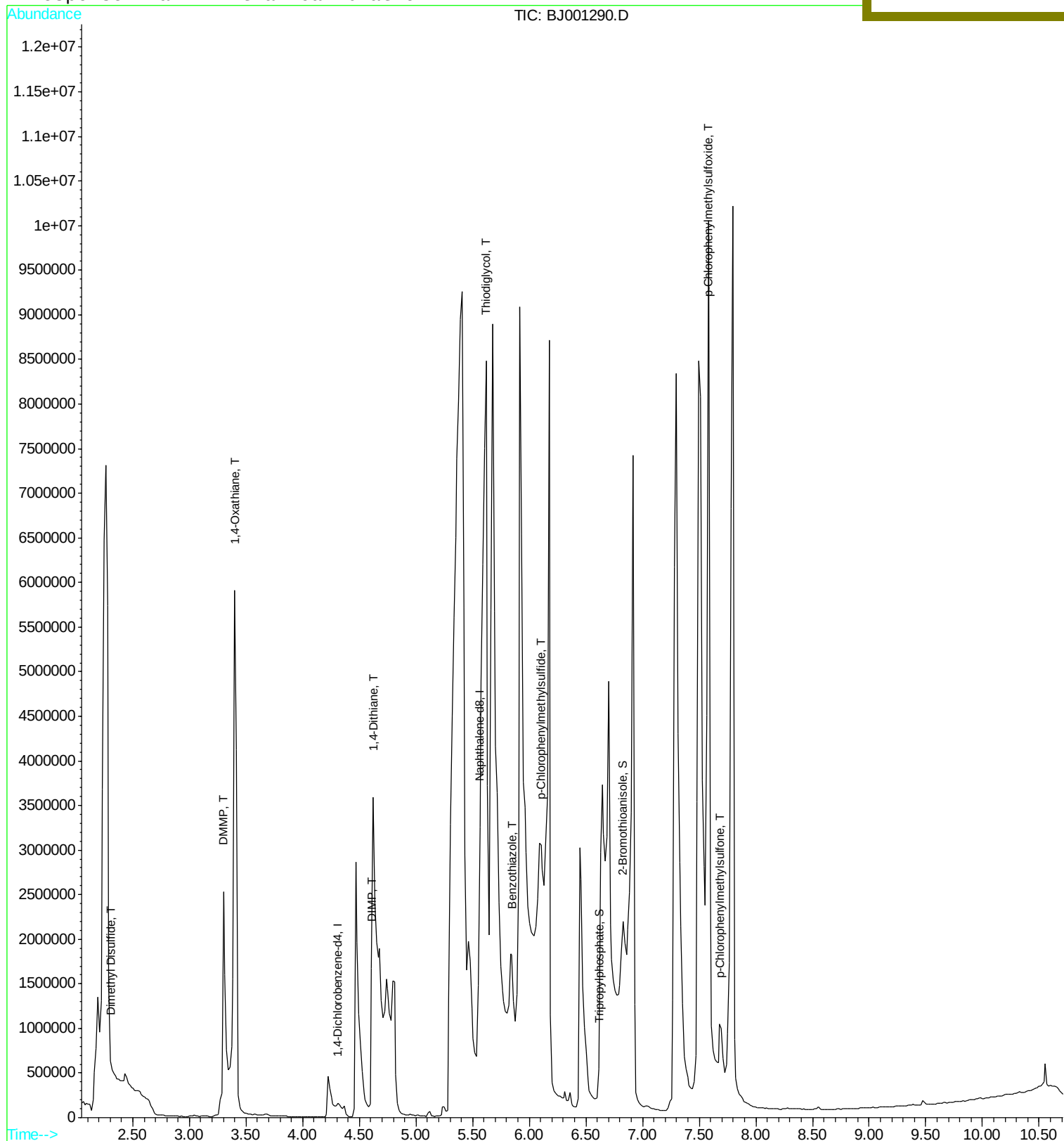
Instrument :
BNA_J
LabSampleId :
CWA-6
PKES

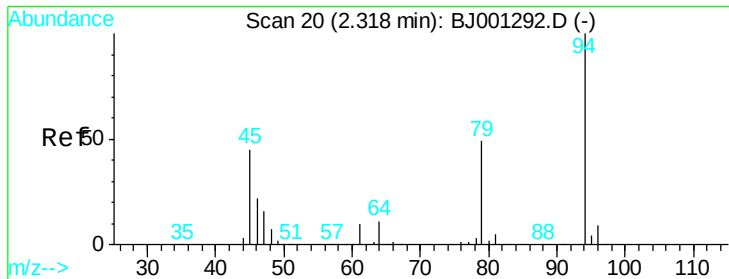
Quant Results File: BJ112712.PKES

Method : H:\VOL1\GCMSDATA\J\METHODS\BJ112712.M (RTE Integrator)
Title : CWA degradation products by GCMS
Last Update : Tue Nov 27 14:23:24 2012
Response via : Initial Calibration

Manual Integrations
APPROVED

AHPatel
12/5/2012 3:22:56 AM





#2

Dimethyl Disulfide

Concen: 17.96 ug/mL

RT: 2.30 min Scan# 19

Delta R.T. -0.01 min

Lab File: BJ001290.D

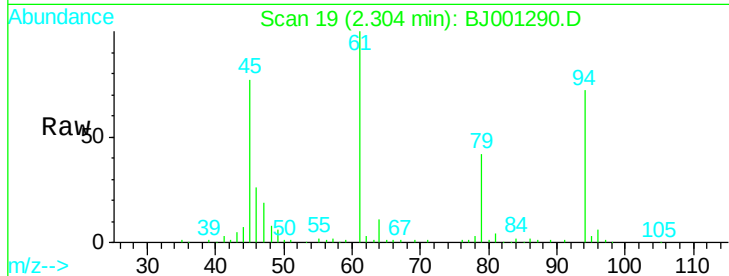
Acq: 27 Nov 2012 13:07

Instrument :

BNA_J

LabSampleId :

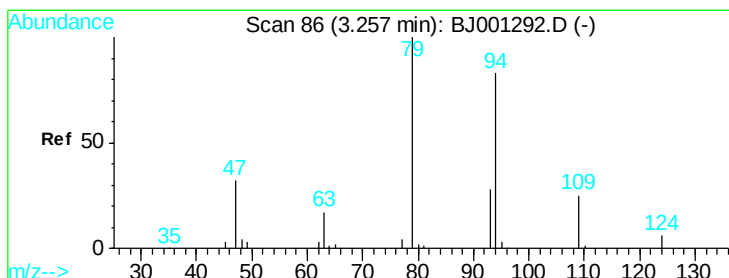
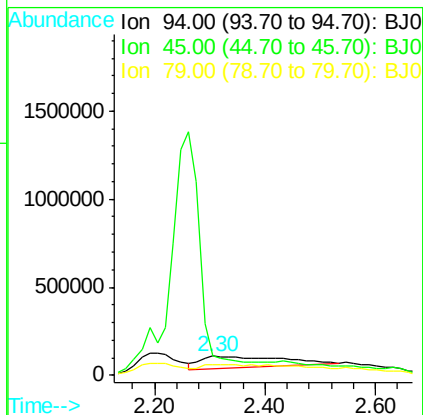
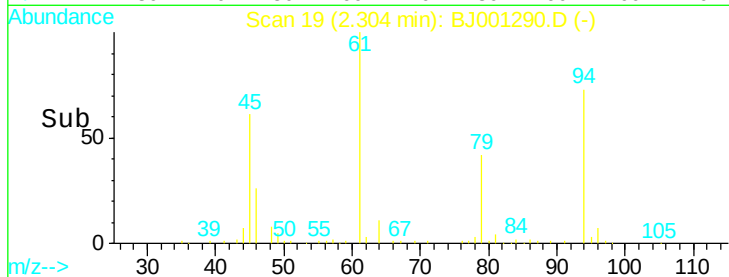
CWA-6



Tgt Ion:	94	Resp:	707268
Ion Ratio	Lower	Upper	
94	100		
45	106.0	25.1	65.1#
79	58.6	29.4	69.4

Manual Integrations
APPROVED

AHPatel
12/5/2012 3:22:56 AM



#3

DMMP

Concen: 32.44 ug/mL

RT: 3.30 min Scan# 89

Delta R.T. 0.04 min

Lab File: BJ001290.D

Acq: 27 Nov 2012 13:07

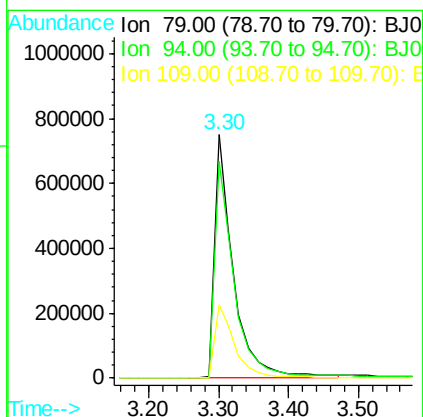
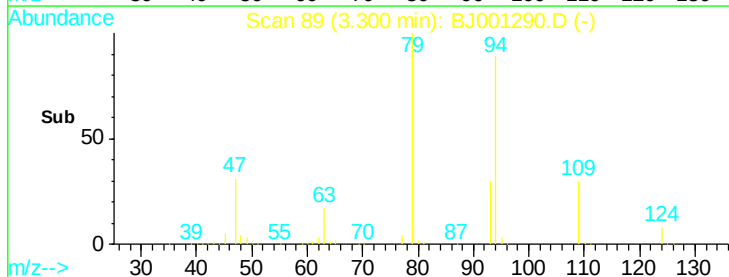
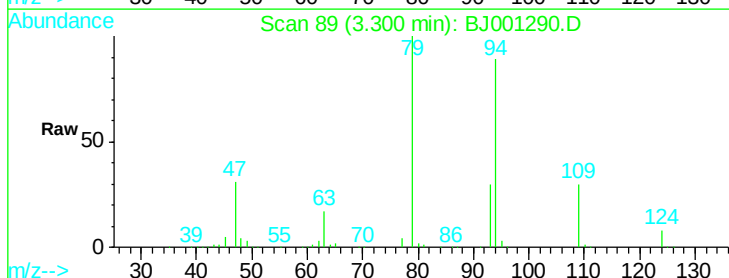
Tgt Ion: 79 Resp: 1423908

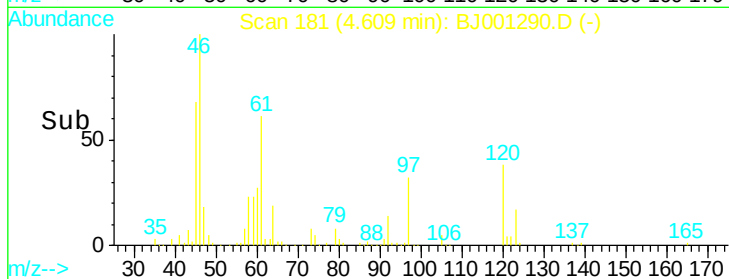
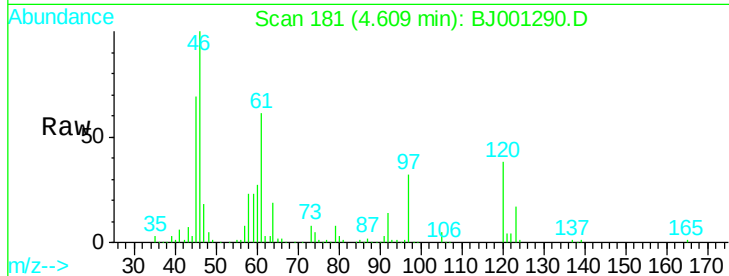
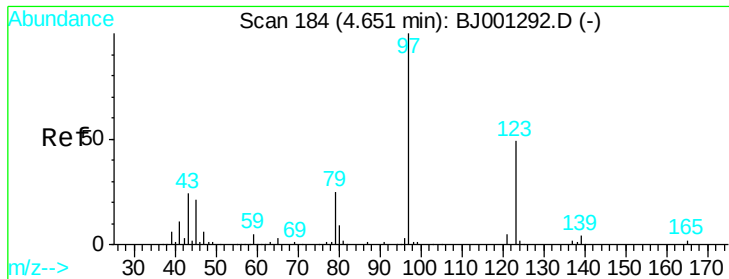
Ion Ratio Lower Upper

79 100

94 89.1 63.0 103.0

109 30.0 5.3 45.3





#4

DIMP

Concen: 1.94 ug/mL

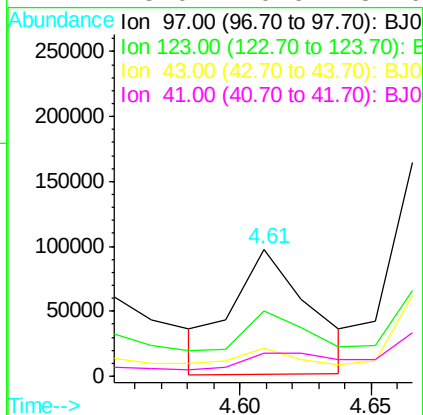
RT: 4.61 min Scan# 181

Delta R.T. -0.04 min

Lab File: BJ001290.D

Acq: 27 Nov 2012 13:07

Tgt Ion:	97	Resp:	197648
Ion	Ratio	Lower	Upper
97	100		
123	51.8	29.2	69.2
43	22.6	4.0	44.0
41	18.0	0.0	31.6



Instrument :

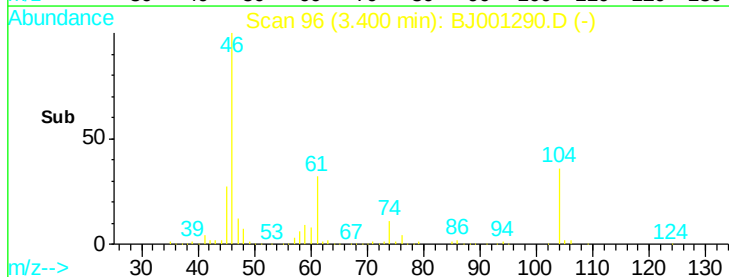
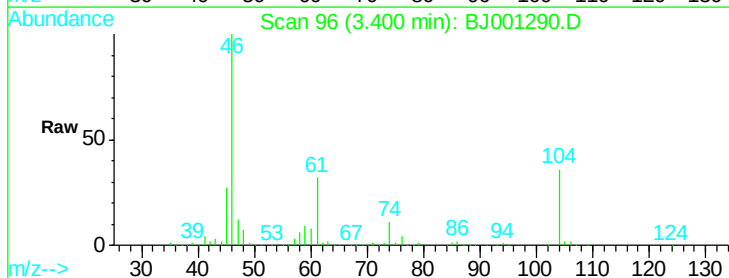
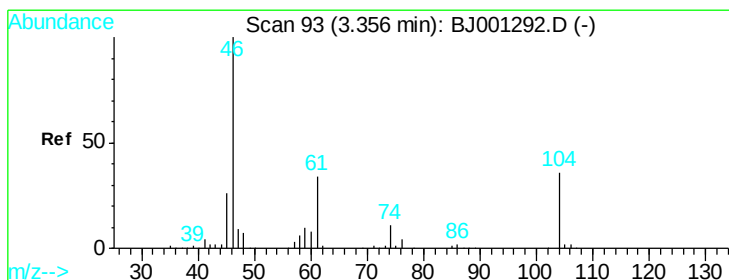
BNA_J

LabSampleId :

CWA-6

Manual Integrations
APPROVED

AHPatel
12/5/2012 3:22:56 AM



#5

1,4-Oxathiane

Concen: 86.78 ug/mL

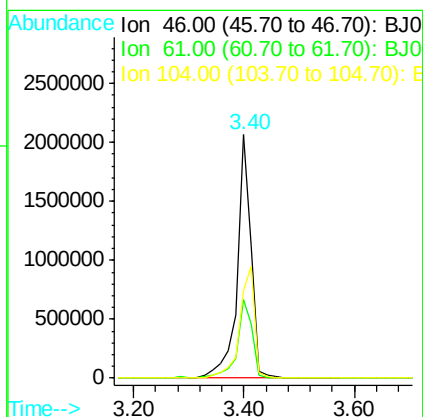
RT: 3.40 min Scan# 96

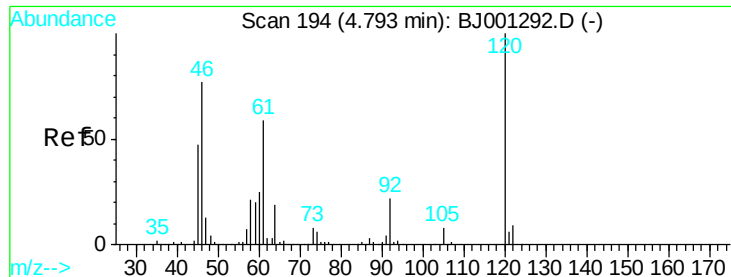
Delta R.T. 0.04 min

Lab File: BJ001290.D

Acq: 27 Nov 2012 13:07

Tgt Ion:	46	Resp:	3668531
Ion	Ratio	Lower	Upper
46	100		
61	32.1	13.6	53.6
104	36.1	16.0	56.0





#7

1,4-Dithiane

Concen: 114.34 ug/mL

RT: 4.62 min Scan# 182

Delta R.T. -0.17 min

Lab File: BJ001290.D

Acq: 27 Nov 2012 13:07

Instrument :

BNA_J

LabSampleId :

CWA-6

Tgt Ion: 46 Resp: 1844921

Ion Ratio Lower Upper

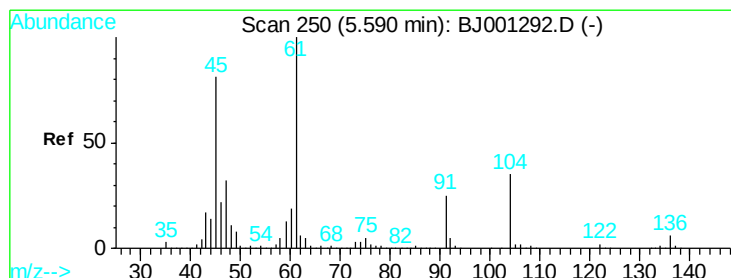
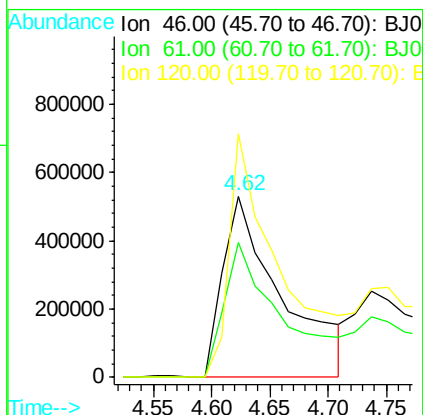
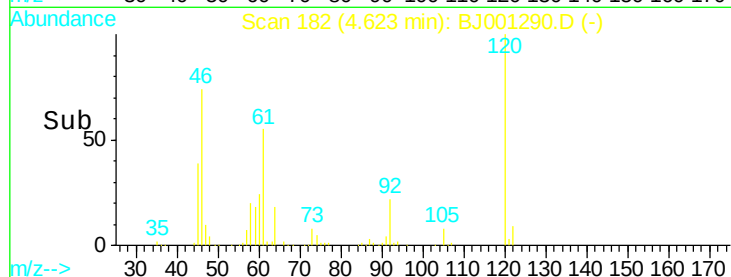
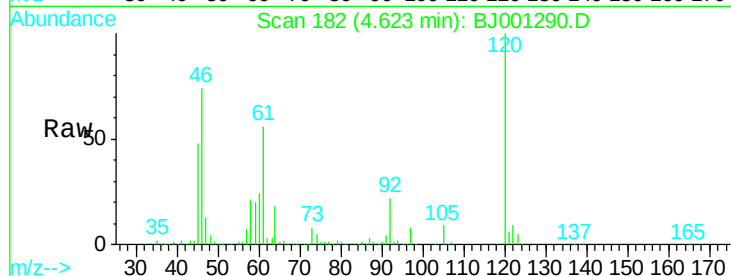
46 100

61 74.6 56.1 96.1

120 134.3 109.1 149.1

Manual Integrations
APPROVED

AHPatel
12/5/2012 3:22:56 AM



#8

Thiodiglycol

Concen: 343.34 ug/mL

RT: 5.62 min Scan# 252

Delta R.T. 0.03 min

Lab File: BJ001290.D

Acq: 27 Nov 2012 13:07

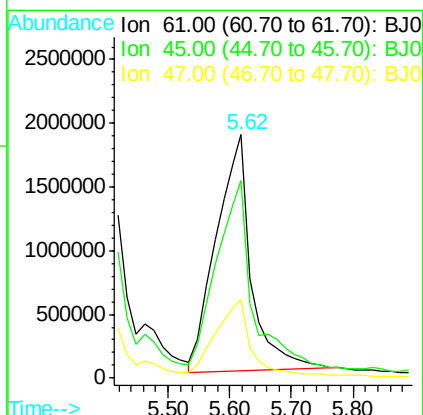
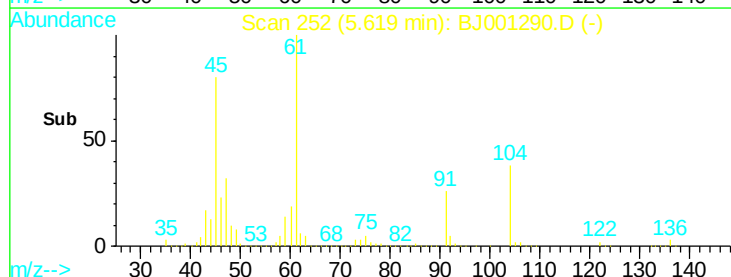
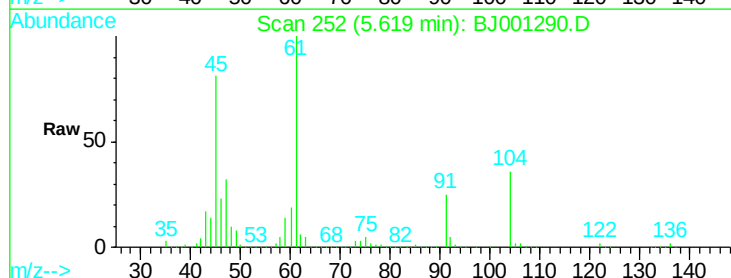
Tgt Ion: 61 Resp: 7383789

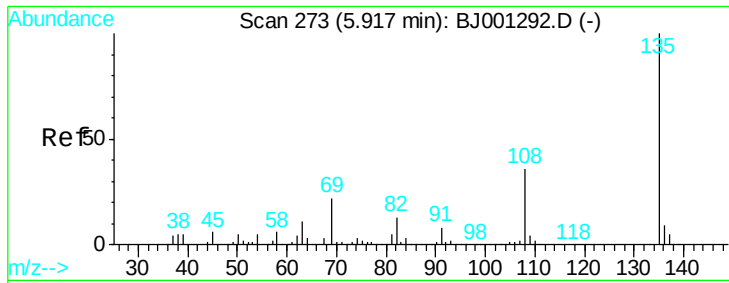
Ion Ratio Lower Upper

61 100

45 81.0 61.0 101.0

47 32.3 12.2 52.2





#9

Benzothiazole

Concen: 28.99 ug/mL

RT: 5.85 min Scan# 268

Delta R.T. -0.07 min

Lab File: BJ001290.D

Acq: 27 Nov 2012 13:07

Instrument :

BNA_J

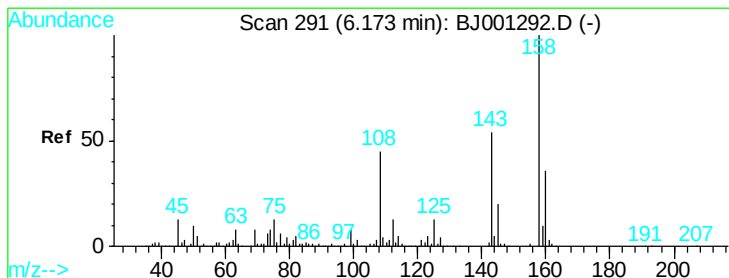
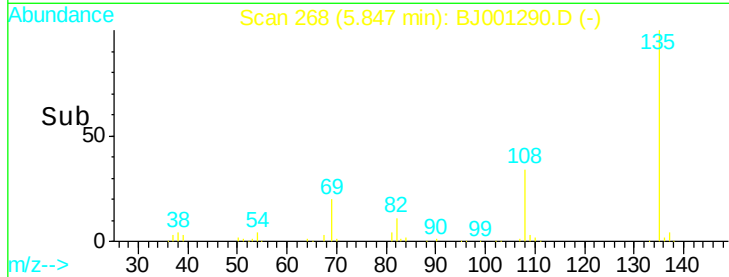
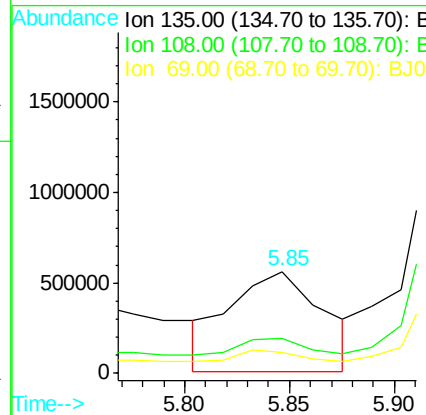
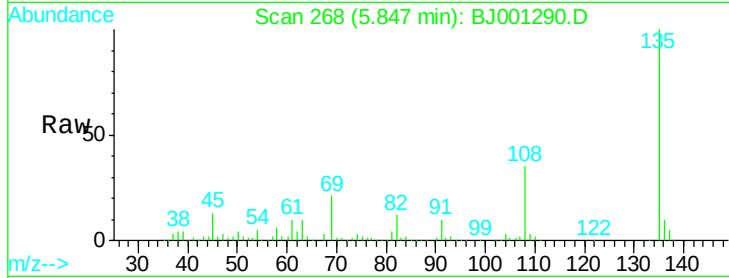
LabSampleId :

CWA-6

Manual Integrations
APPROVED

AHPatel
12/5/2012 3:22:56 AM

Tgt Ion:135 Resp: 1716782
Ion Ratio Lower Upper
135 100
108 34.7 15.7 55.7
69 20.6 2.2 42.2



#11

p-Chlorophenylmethylsulfide

Concen: 60.60 ug/mL

RT: 6.10 min Scan# 286

Delta R.T. -0.07 min

Lab File: BJ001290.D

Acq: 27 Nov 2012 13:07

Tgt Ion:158 Resp: 2219418

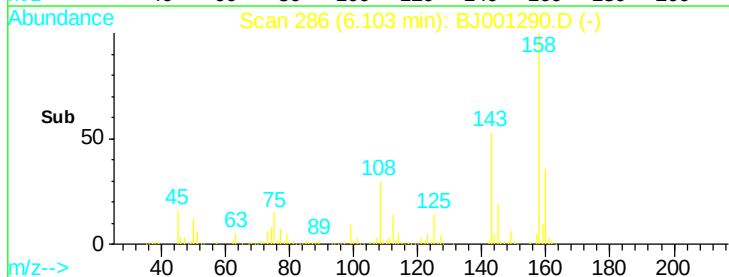
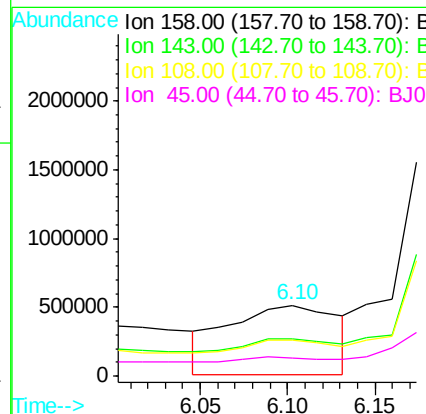
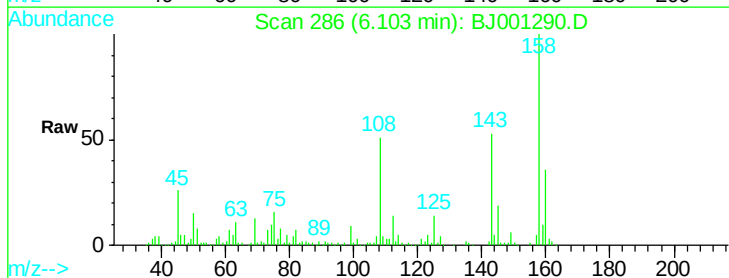
Ion Ratio Lower Upper

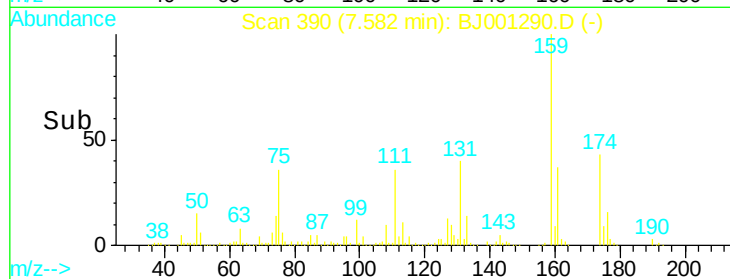
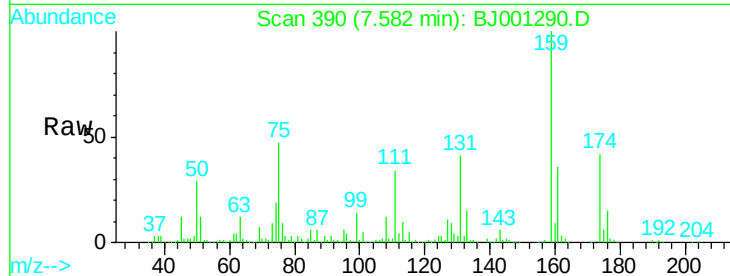
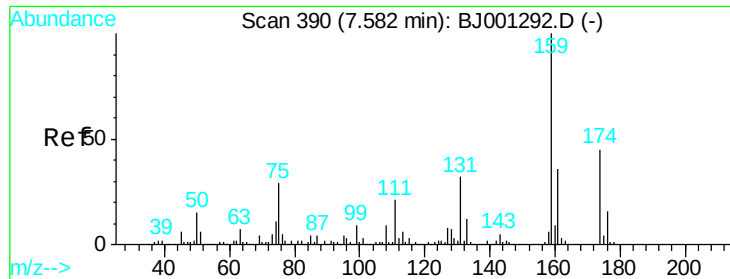
158 100

143 52.7 34.4 74.4

108 51.0 25.3 65.3

45 25.8 0.0 34.7





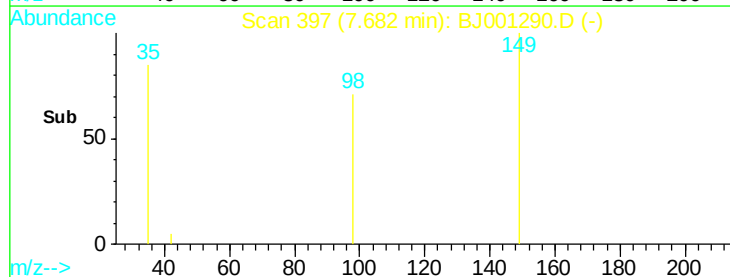
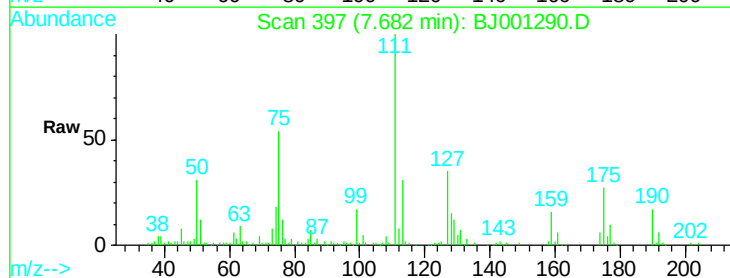
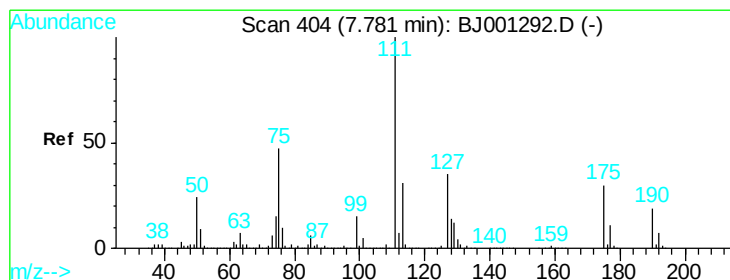
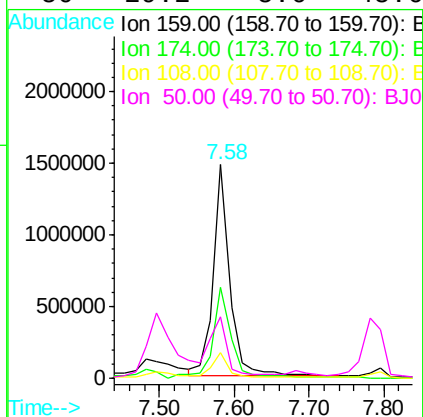
#13
p-Chlorophenylmethylsulfoxide
Concen: 62.83 ug/mL
RT: 7.58 min Scan# 390
Delta R.T. 0.00 min
Lab File: BJ001290.D
Acq: 27 Nov 2012 13:07

Instrument :
BNA_J
LabSampleId :
CWA-6

Manual Integrations
APPROVED

AHPatel
12/5/2012 3:22:56 AM

Tgt Ion	Ion	Ratio	Lower	Upper
159	100			
174	49.6	25.2	65.2	
108	11.5	0.0	30.3	
50	29.2	5.6	45.6	



#14
p-Chlorophenylmethylsulfone
Concen: 14.95 ug/mL
RT: 7.68 min Scan# 397
Delta R.T. -0.10 min
Lab File: BJ001290.D
Acq: 27 Nov 2012 13:07

Tgt Ion	Ion	Ratio	Lower	Upper
111	100			
75	53.8	27.5	67.5	
127	34.8	15.3	55.3	
190	16.6	0.0	38.6	

