

Data File : H:\VOL1\GCMSDATA\J\120911\BJ001111.D
Acq On : 11 Sep 2012 19:46
Sample : PB65544BS
Misc : WATER BNA J HLM
MS Integration Params: rteint.p
Quant Time: Sep 12 10:47 2012

Vial: 3
Operator: HLM
Inst : BNA J
Multiplr: 1.00

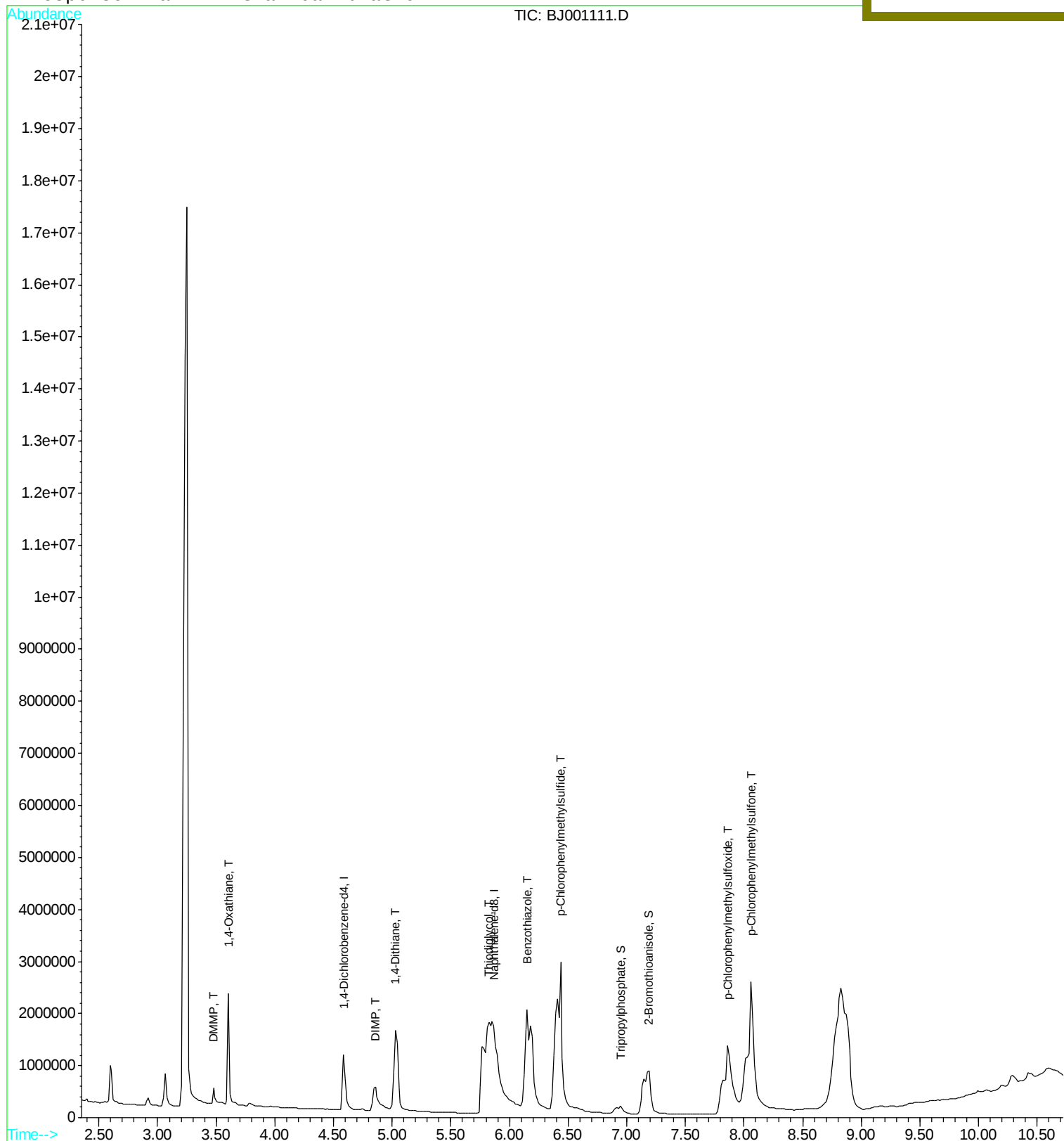
Instrument :
BNA_J
ClientSampleId :
SLCS01

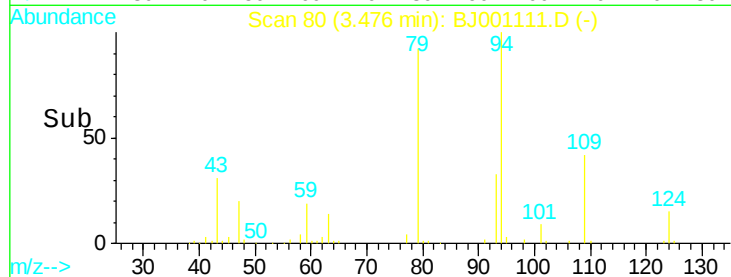
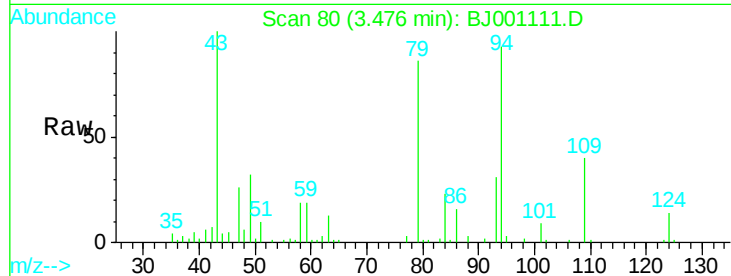
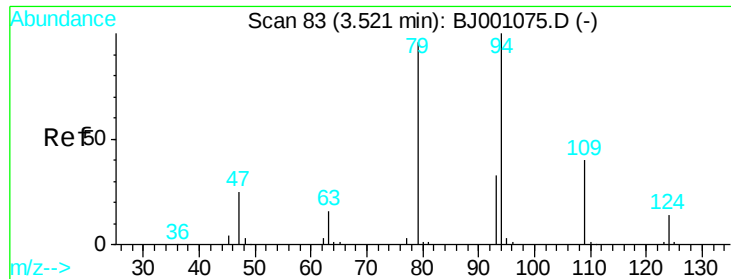
Quant Results File: BJ091112.M

Method : H:\VOL1\GCMSDATA\J\METHODS\BJ091112.M (RTE Integrator)
Title : CWA degradation products by GCMS
Last Update : Tue Sep 11 15:37:34 2012
Response via : Initial Calibration

Manual Integrations
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#3

DMMP

Concen: 1.50 ug/mL

RT: 3.48 min Scan# 80

Delta R.T. 0.00 min

Lab File: BJ001111.D

Acq: 11 Sep 2012 19:46

Tgt Ion	Ion	Ratio	Lower	Upper
79	100			
94	109.0	80.9	120.9	
109	46.1	20.3	60.3	

Instrument :

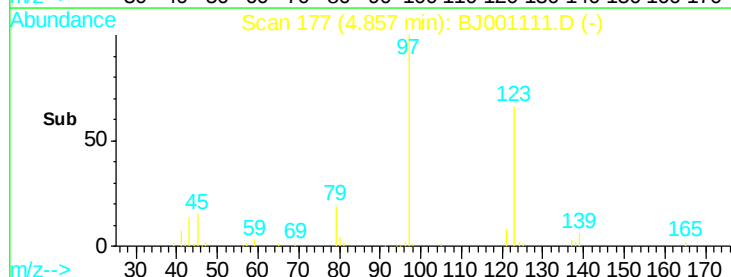
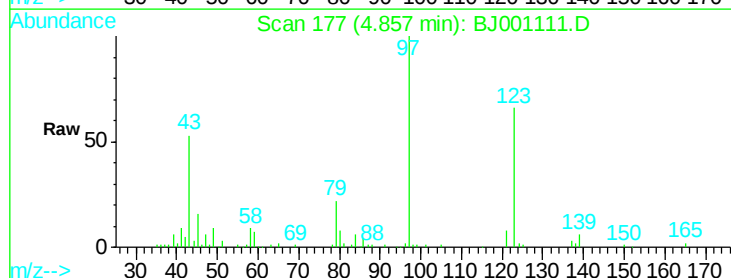
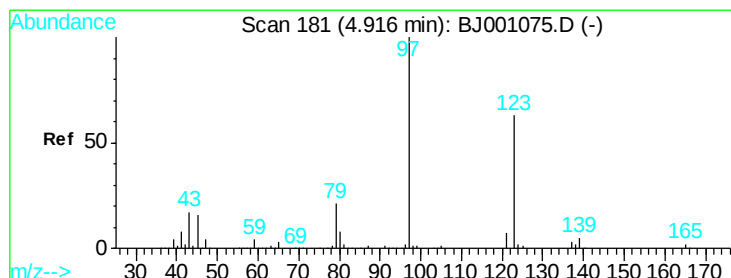
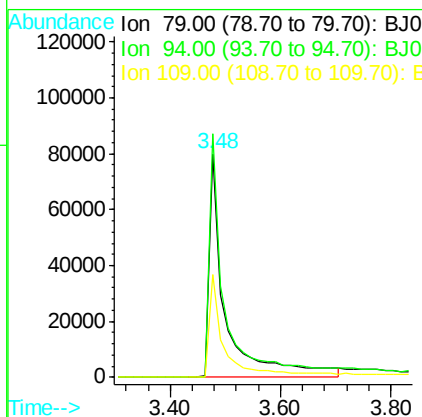
BNA_J

ClientSampled :

SLCS01

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#4

DIMP

Concen: 1.69 ug/mL

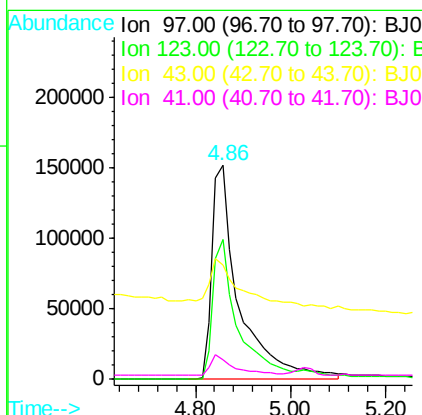
RT: 4.86 min Scan# 177

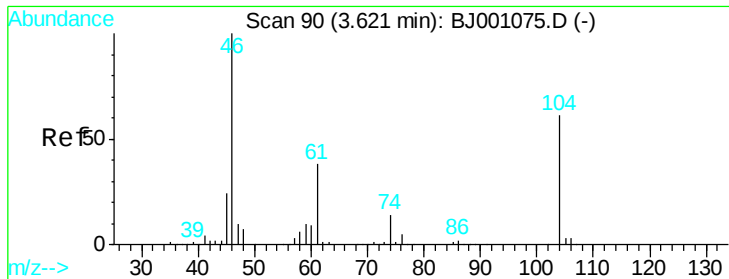
Delta R.T. -0.03 min

Lab File: BJ001111.D

Acq: 11 Sep 2012 19:46

Tgt Ion	Ion	Ratio	Lower	Upper
97	100			
123	65.6	47.2	87.2	
43	53.3	0.0	36.5	
41	9.3	0.0	28.5	





#5

1,4-Oxathiane

Concen: 4.68 ug/mL

RT: 3.60 min Scan# 89

Delta R.T. 0.03 min

Lab File: BJ001111.D

Acq: 11 Sep 2012 19:46

Instrument :

BNA_J

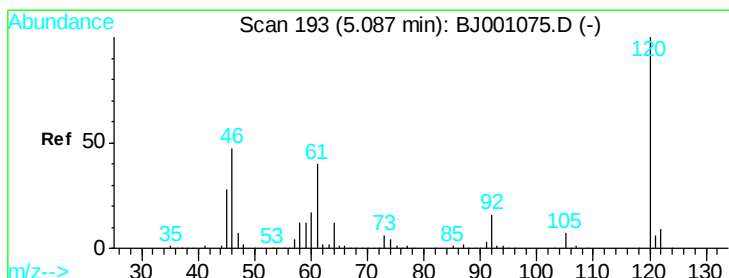
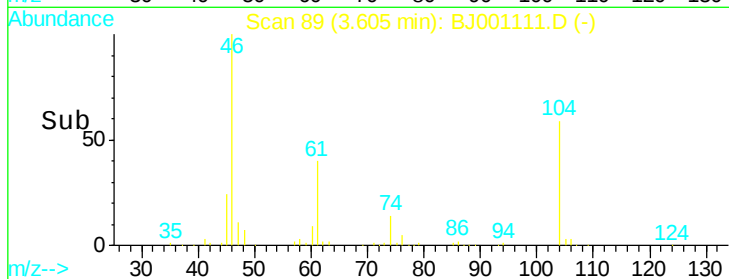
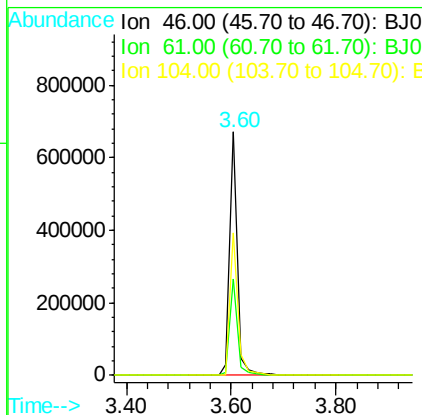
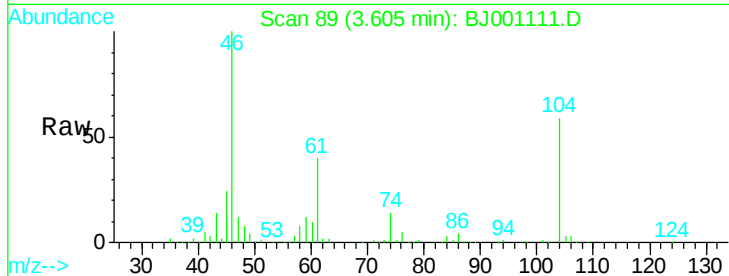
ClientSampleId :

SLCS01

Tgt Ion: 46 Resp: 683186
 Ion Ratio Lower Upper
 46 100
 61 39.9 17.1 57.1
 104 58.7 29.3 69.3

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#7

1,4-Dithiane

Concen: 4.50 ug/mL

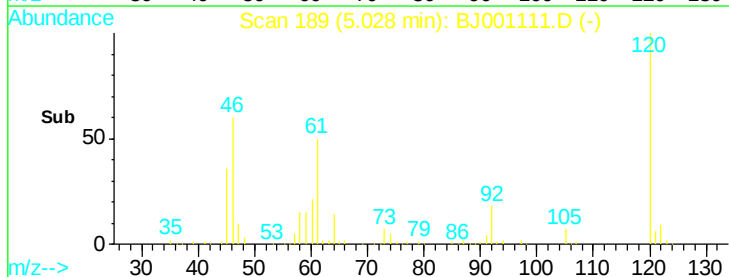
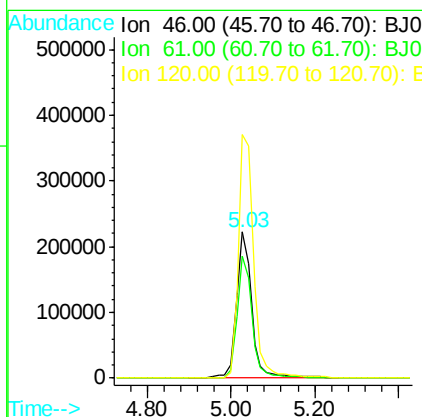
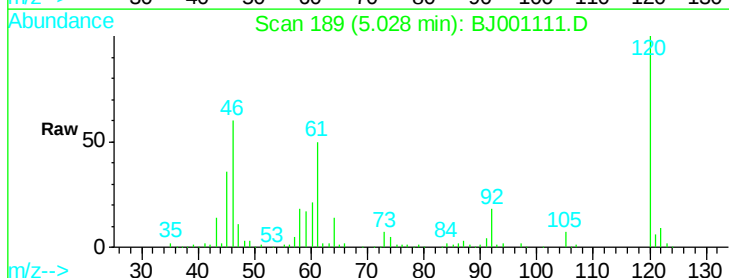
RT: 5.03 min Scan# 189

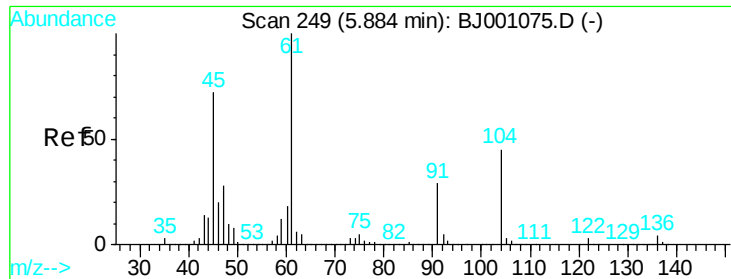
Delta R.T. -0.01 min

Lab File: BJ001111.D

Acq: 11 Sep 2012 19:46

Tgt Ion: 46 Resp: 559466
 Ion Ratio Lower Upper
 46 100
 61 83.3 60.0 100.0
 120 166.6 138.1 178.1





#8

Thiodiglycol

Concen: 26.97 ug/mL

RT: 5.82 min Scan# 245

Delta R.T. -0.01 min

Lab File: BJ001111.D

Acq: 11 Sep 2012 19:46

Instrument :

BNA_J

ClientSampleID :

SLCS01

Tgt Ion: 61 Resp: 3181060

Ion Ratio Lower Upper

61 100

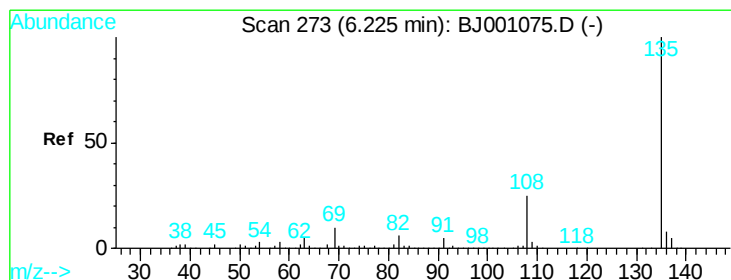
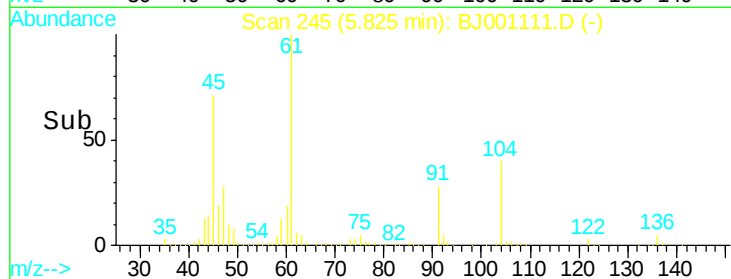
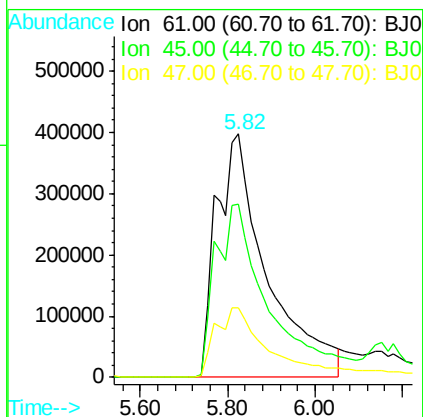
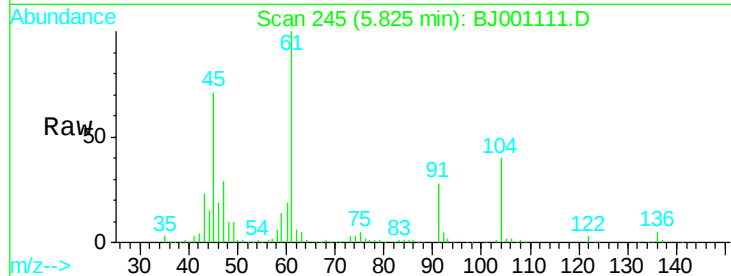
45 71.0 54.0 94.0

47 28.5 9.6 49.6

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#9

Benzothiazole

Concen: 8.74 ug/mL

RT: 6.15 min Scan# 268

Delta R.T. -0.04 min

Lab File: BJ001111.D

Acq: 11 Sep 2012 19:46

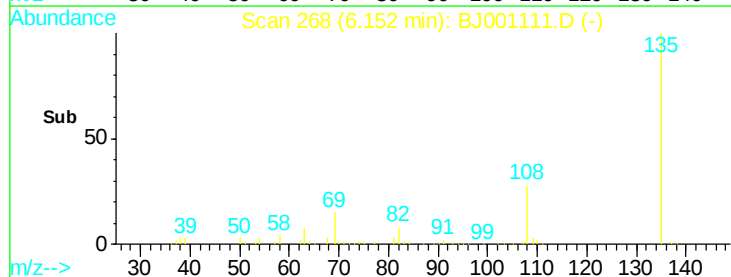
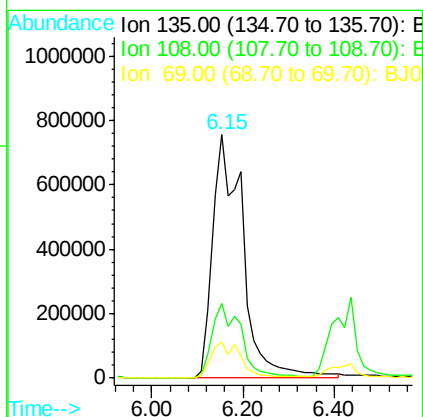
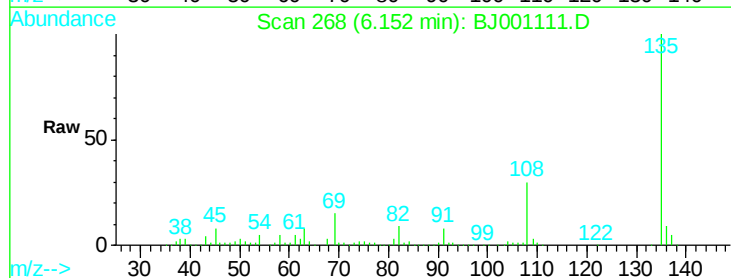
Tgt Ion: 135 Resp: 3458081

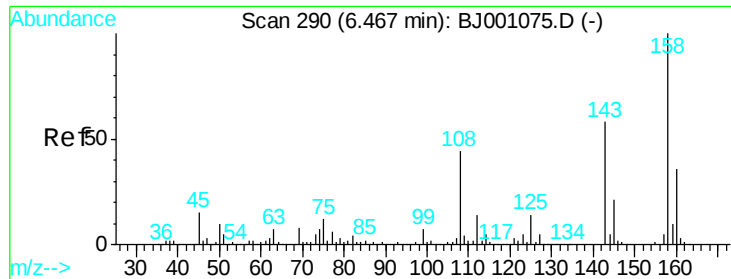
Ion Ratio Lower Upper

135 100

108 30.4 5.8 45.8

69 15.0 0.0 30.2





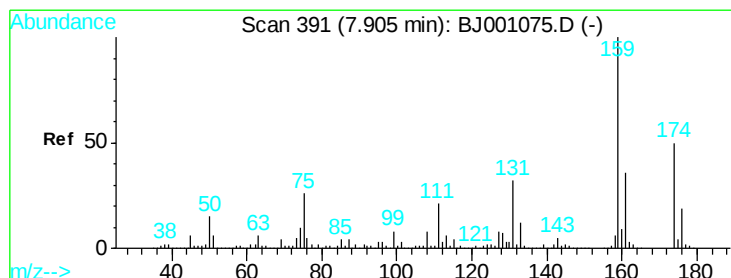
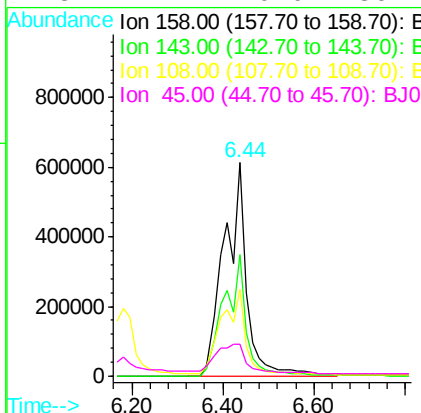
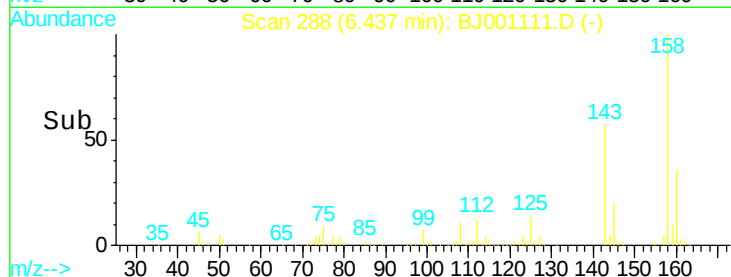
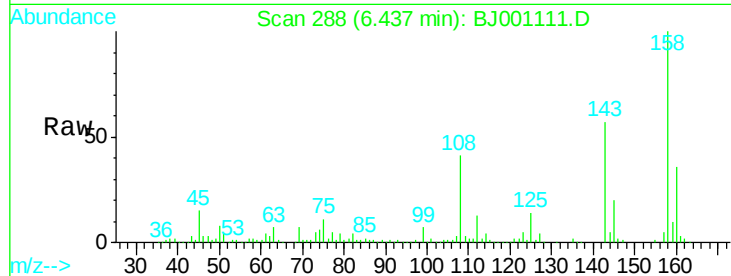
#11
p-Chlorophenylmethylsulfide
Concen: 9.13 ug/mL
RT: 6.44 min Scan# 288
Delta R.T. 0.00 min
Lab File: BJ001111.D
Acq: 11 Sep 2012 19:46

Instrument :
BNA_J
ClientSampleId :
SLCS01

Tgt Ion:	158	Resp:	2134987
Ion	Ratio	Lower	Upper
158	100		
143	56.7	39.2	79.2
108	41.0	24.9	64.9
45	14.7	0.0	36.2

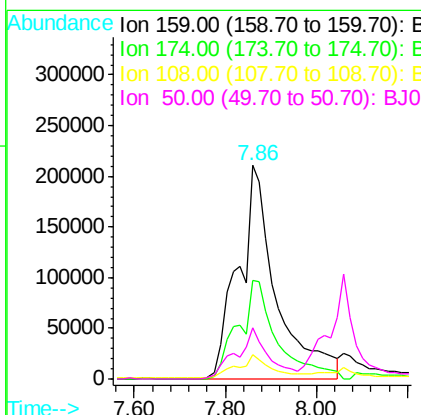
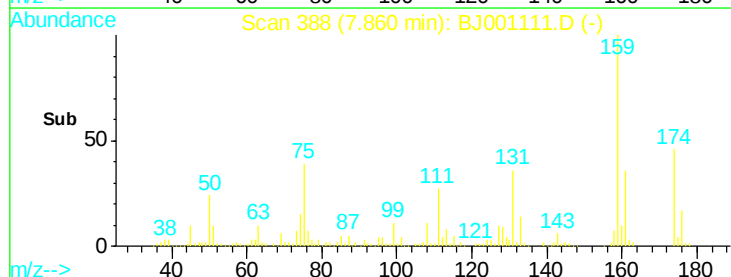
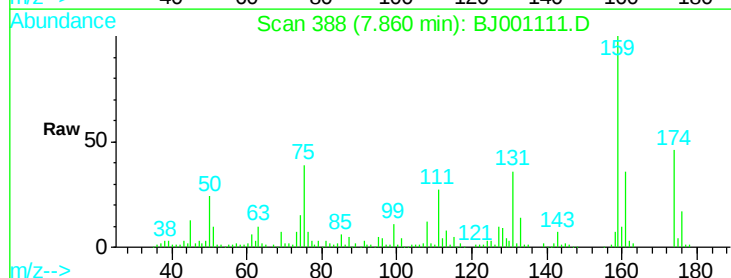
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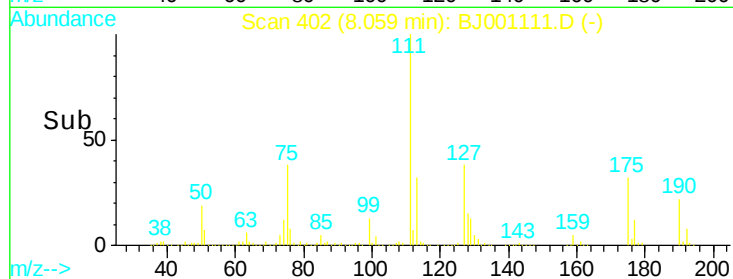
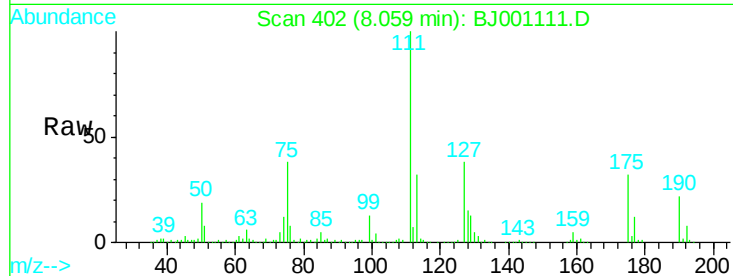
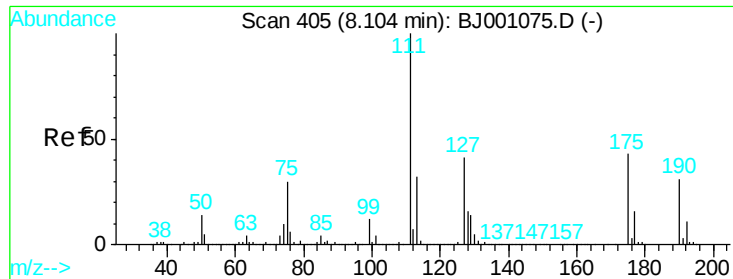
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#13
p-Chlorophenylmethylsulfoxide
Concen: 8.21 ug/mL
RT: 7.86 min Scan# 388
Delta R.T. 0.00 min
Lab File: BJ001111.D
Acq: 11 Sep 2012 19:46

Tgt Ion:	159	Resp:	1228830
Ion	Ratio	Lower	Upper
159	100		
174	47.4	27.2	67.2
108	9.2	0.0	29.4
50	20.7	0.7	40.7





#14

p-Chlorophenylmethylsulfone

Concen: 10.24 ug/mL

RT: 8.06 min Scan# 402

Delta R.T. 0.00 min

Lab File: BJ001111.D

Acq: 11 Sep 2012 19:46

Instrument :

BNA_J

ClientSampleId :

SLCS01

Tgt Ion:111 Resp: 1904278

Ion Ratio Lower Upper

111 100

75 38.2 21.3 61.3

127 37.9 16.0 56.0

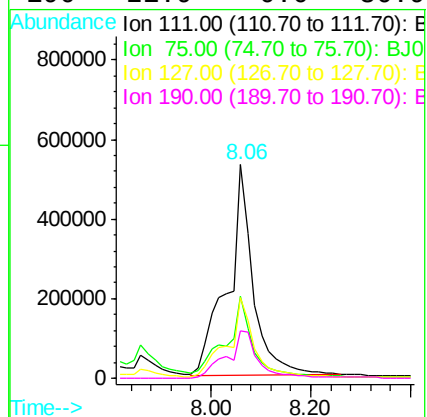
190 21.9 0.0 36.9

Manual Integrations

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Data File : H:\VOL1\GCMSDATA\J\120911\BJ001111.D
 Acq On : 11 Sep 2012 19:46
 Sample : PB65544BS
 Misc : WATER BNA J HLM
 MS Integration Params: rteint.p
 Quant Time: Sep 12 10:47 2012

Vial: 3
 Operator: HLM
 Inst : BNA J
 Multiplr: 1.00

Instrument :
 BNA_J
 ClientSampleId :
 SLCS01

Quant Results File: BJ091112.M

Quant Method : H:\VOL1\GCMSDATA\J\METHODS\BJ091112.M (RTE Integrator)
 Title : CWA degradation products by GCMS
 Last Update : Tue Sep 11 15:37:34 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	4.59	152	347432	2.00	ug/mL	-0.01
6) Naphthalene-d8	5.87	136	1456143	2.00	ug/mL	-0.03

System Monitoring Compounds

10) Tripropylphosphate	6.95	99	288511	0.46	ug/mL	0.00
Spiked Amount	0.500	Range	70 - 130	Recovery	=	92.00%
12) 2-Bromothioanisole	7.19	204	482277	4.29	ug/mL	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.80%

Target Compounds

						Ovalue
3) DMMP	3.48	79	169468	1.50	ug/mL	92
4) DIMP	4.86	97	598469	1.69	ug/mL#	83
5) 1,4-Oxathiane	3.60	46	683186	4.68	ug/mL	90
7) 1,4-Dithiane	5.03	46	559466	4.50	ug/mL	94
8) Thiodiqlvcol	5.82	61	3181060	26.97	ug/mL	97
9) Benzothiazole	6.15	135	3458081	8.74	ug/mL	90
11) p-ChlorophenylmethyIsulfid	6.44	158	2134987	9.13	ug/mL	96
13) p-ChlorophenylmethyIsulfox	7.86	159	1228830	8.21	ug/mL	100
14) p-ChlorophenylmethyIsulfon	8.06	111	1904278	10.24	ug/mL	94