

Data File : H:\VOL1\GCMSDATA\J\120911\BJ001112.D

Vial: 4

Acq On : 11 Sep 2012 20:04

Operator: HLM

Sample : PB65544BSD

Inst : BNA J

Misc : WATER BNA J HLM

Multiplr: 1.00

MS Integration Params: rteint.p

Quant Time: Sep 12 10:47 2012

Quant Results File: BJ091112.M

Instrument :

BNA_J

ClientSampleId :

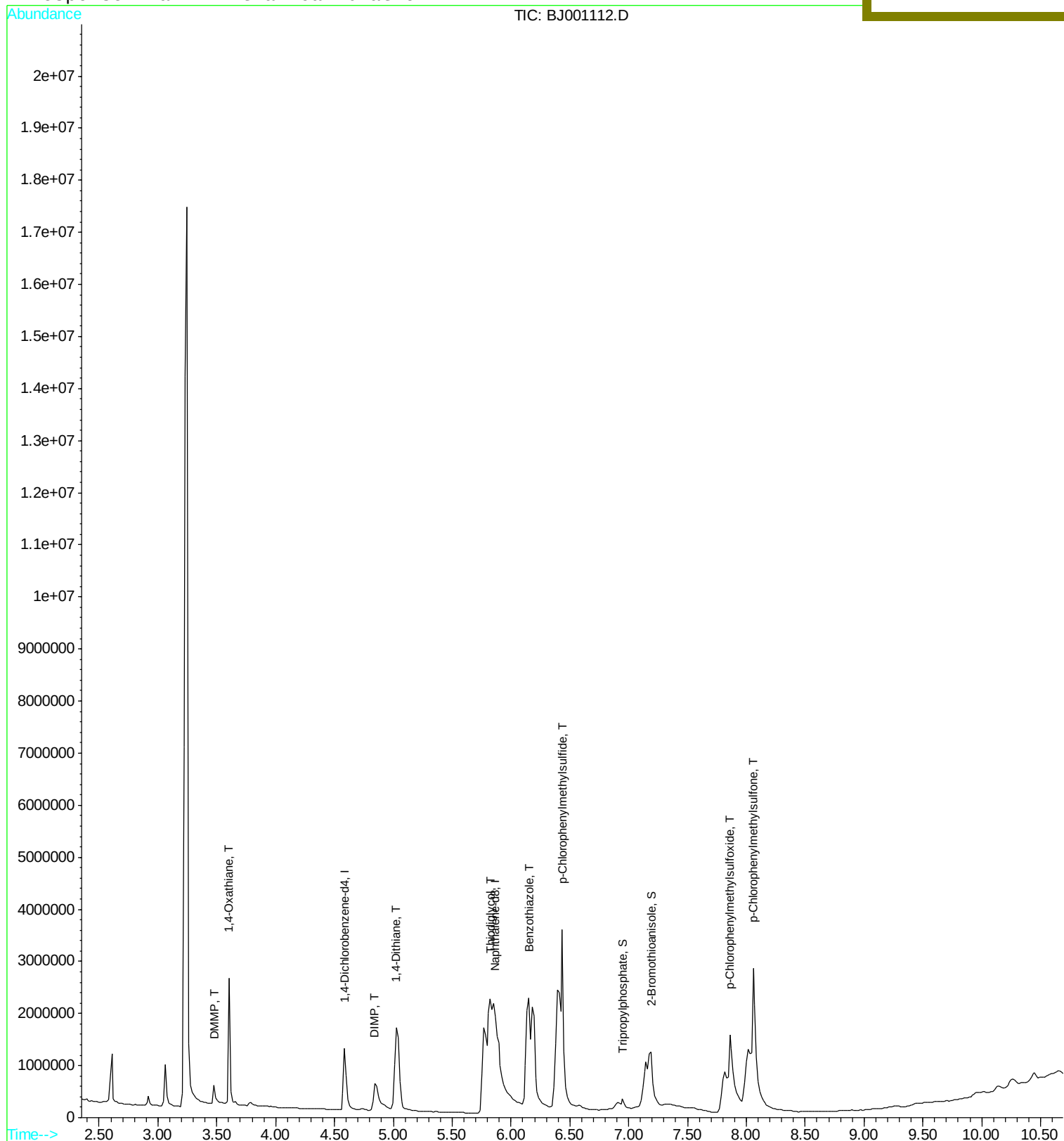
SLCSD01

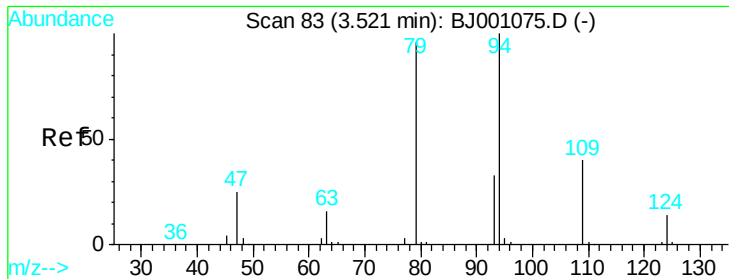
Method : H:\VOL1\GCMSDATA\J\METHODS\BJ091112.M (RTE Integrator)

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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9/20/2012 5:29:33 AM



#3

DMMP

Concen: 1.53 ug/mL

RT: 3.48 min Scan# 80

Delta R.T. 0.00 min

Lab File: BJ001112.D

Acq: 11 Sep 2012 20:04

Instrument :

BNA_J

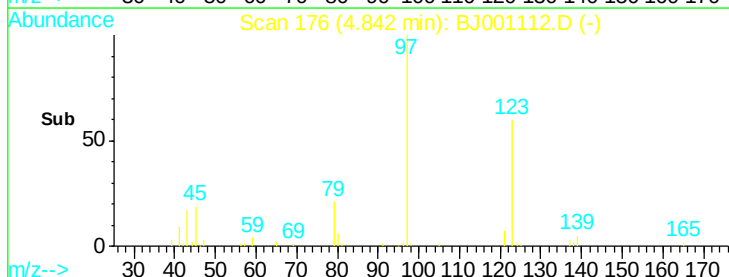
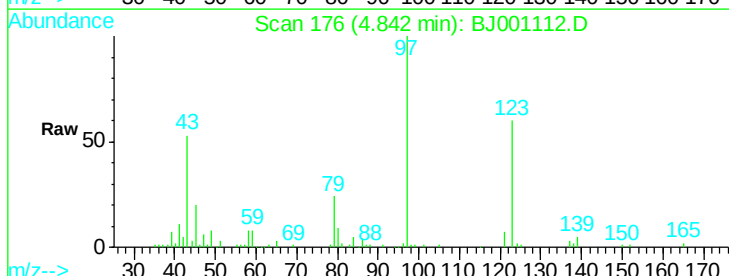
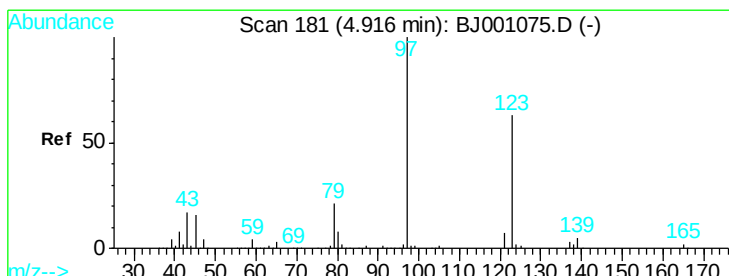
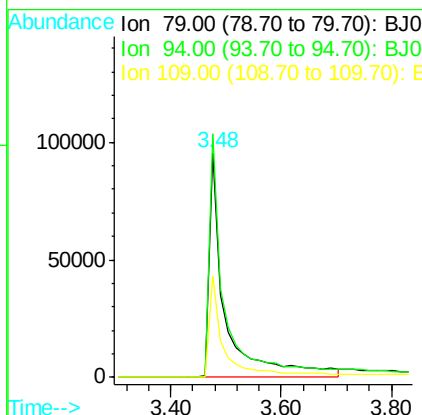
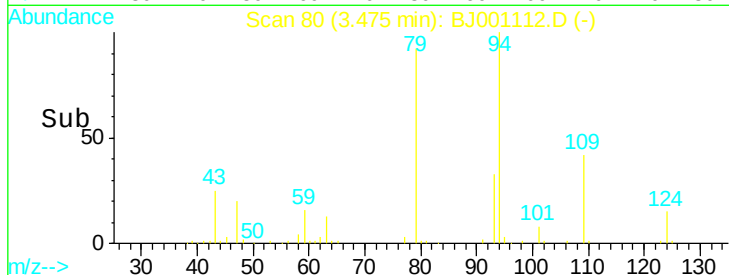
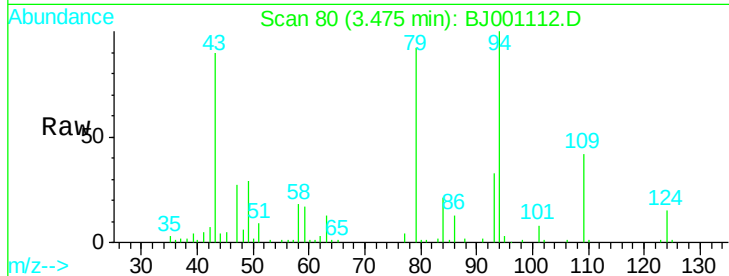
ClientSampled :

SLCSD01

Tgt Ion: 79 Resp: 198440
 Ion Ratio Lower Upper
 79 100
 94 108.3 80.9 120.9
 109 45.0 20.3 60.3

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#4

DIMP

Concen: 1.69 ug/mL

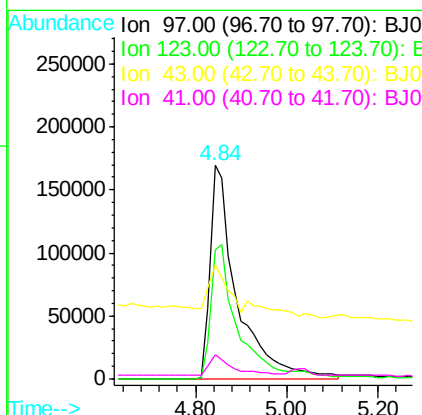
RT: 4.84 min Scan# 176

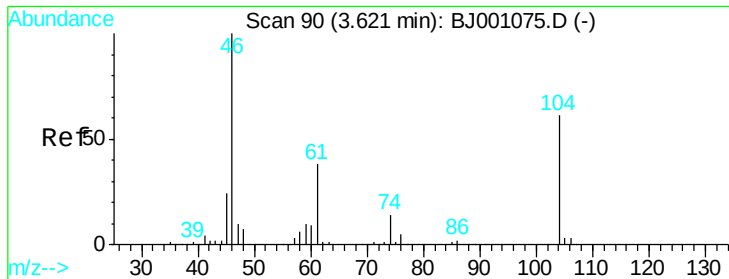
Delta R.T. -0.04 min

Lab File: BJ001112.D

Acq: 11 Sep 2012 20:04

Tgt Ion: 97 Resp: 686906
 Ion Ratio Lower Upper
 97 100
 123 60.4 47.2 87.2
 43 53.1 0.0 36.5#
 41 11.5 0.0 28.5





#5

1,4-Oxathiane

Concen: 4.69 ug/mL

RT: 3.60 min Scan# 89

Delta R.T. 0.03 min

Lab File: BJ001112.D

Acq: 11 Sep 2012 20:04

Instrument :

BNA_J

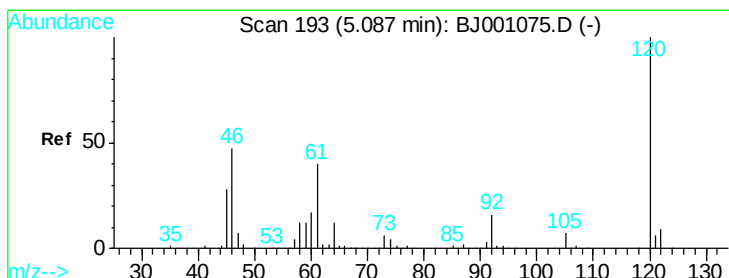
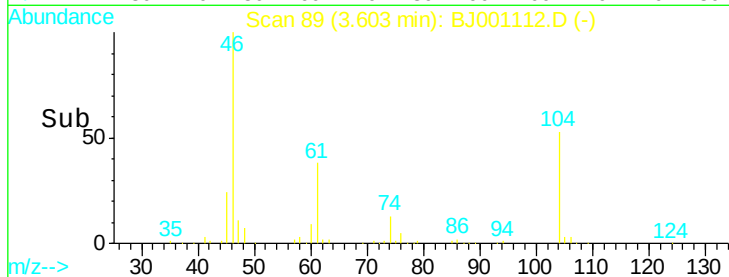
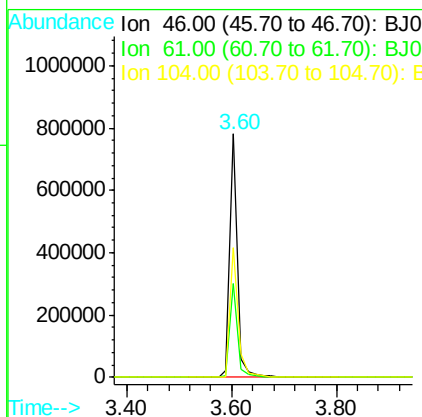
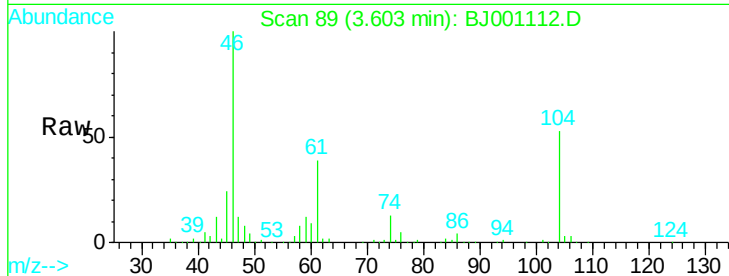
ClientSampleId :

SLCSD01

Tgt Ion: 46 Resp: 786549
 Ion Ratio Lower Upper
 46 100
 61 38.6 17.1 57.1
 104 53.4 29.3 69.3

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#7

1,4-Dithiane

Concen: 4.43 ug/mL

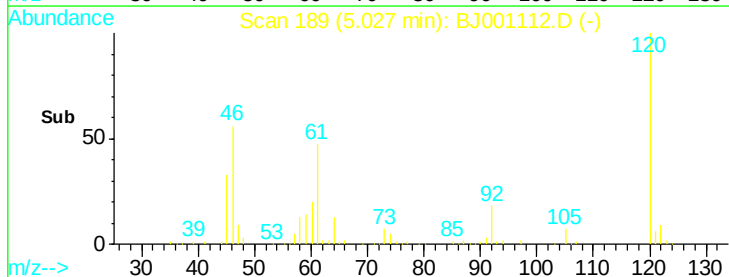
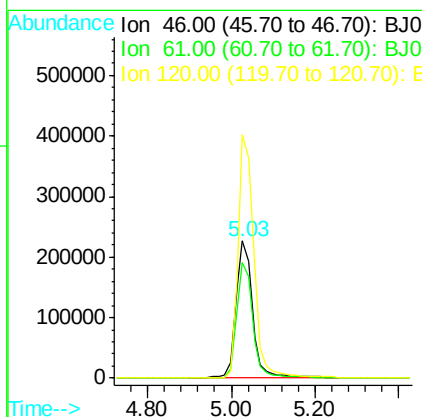
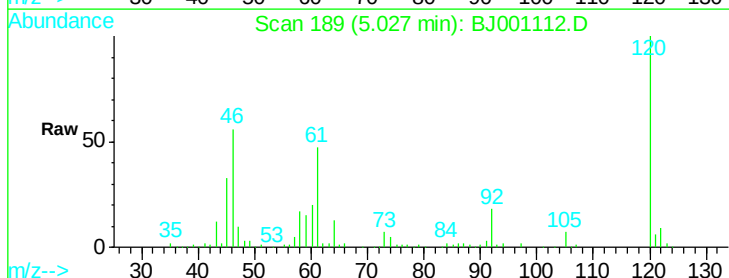
RT: 5.03 min Scan# 189

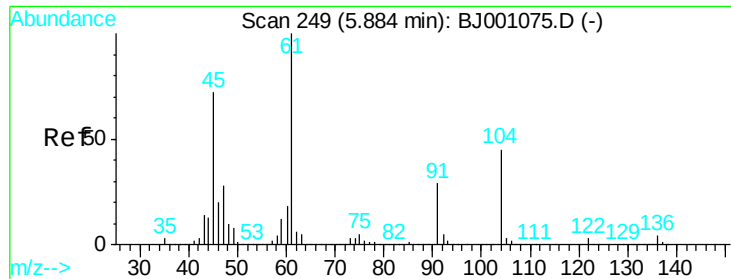
Delta R.T. -0.01 min

Lab File: BJ001112.D

Acq: 11 Sep 2012 20:04

Tgt Ion: 46 Resp: 622616
 Ion Ratio Lower Upper
 46 100
 61 84.1 60.0 100.0
 120 177.4 138.1 178.1





#8

Thiodiglycol

Concen: 28.56 ug/mL

RT: 5.82 min Scan# 245

Delta R.T. -0.01 min

Lab File: BJ001112.D

Acq: 11 Sep 2012 20:04

Instrument :

BNA_J

ClientSampleId :

SLCSD01

Tgt Ion: 61 Resp: 3812212

Ion Ratio Lower Upper

61 100

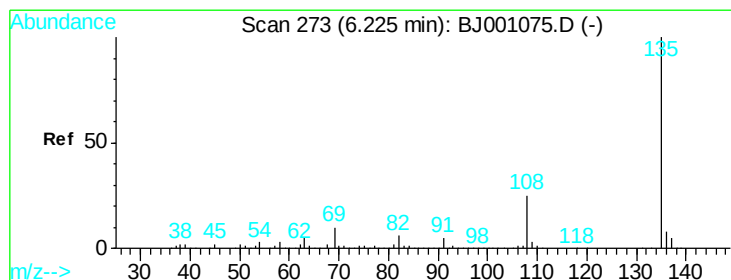
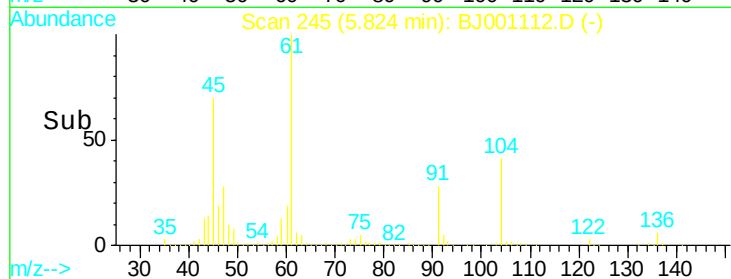
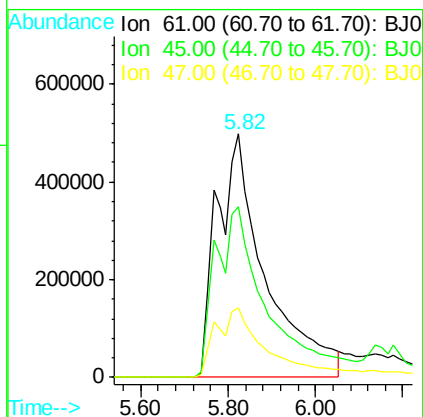
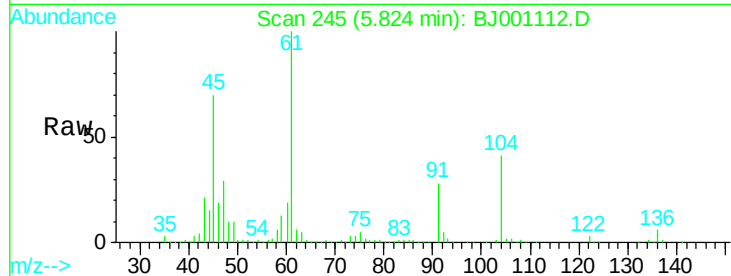
45 70.3 54.0 94.0

47 28.6 9.6 49.6

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#9

Benzothiazole

Concen: 8.94 ug/mL

RT: 6.15 min Scan# 268

Delta R.T. -0.04 min

Lab File: BJ001112.D

Acq: 11 Sep 2012 20:04

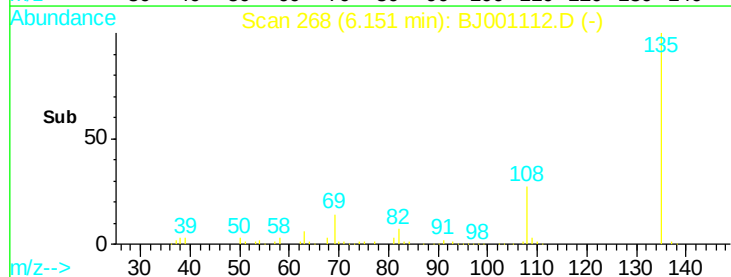
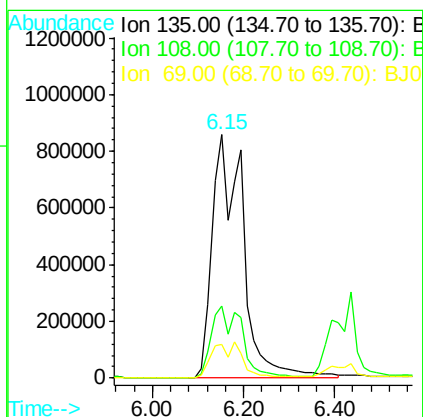
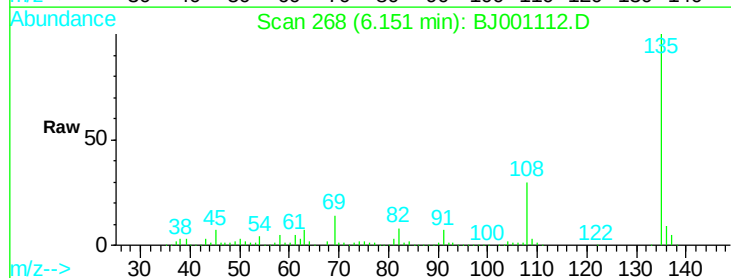
Tgt Ion: 135 Resp: 4003748

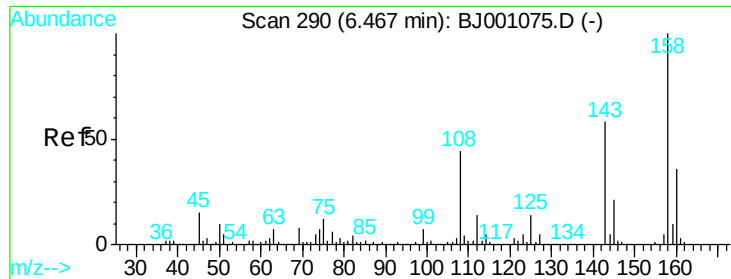
Ion Ratio Lower Upper

135 100

108 29.7 5.8 45.8

69 14.0 0.0 30.2





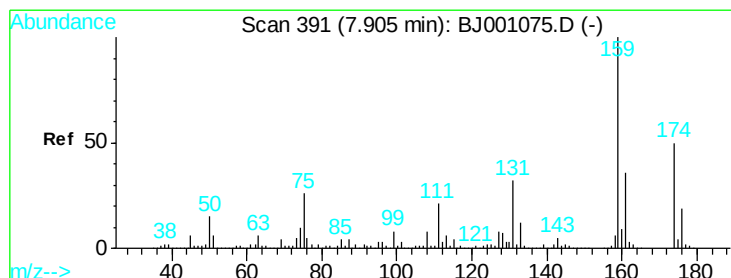
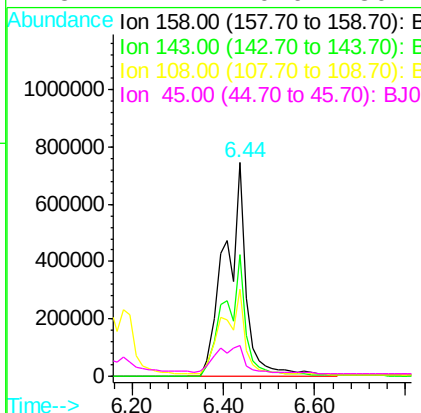
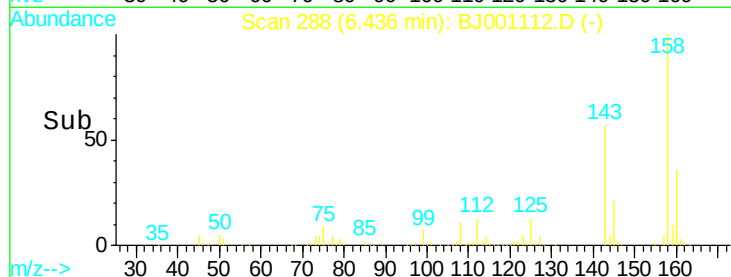
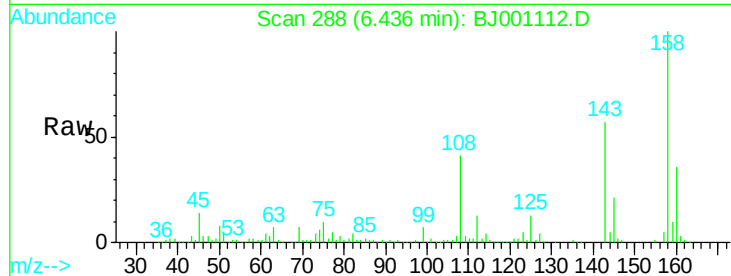
#11
p-Chlorophenylmethylsulfide
Concen: 9.20 ug/mL
RT: 6.44 min Scan# 288
Delta R.T. 0.00 min
Lab File: BJ001112.D
Acq: 11 Sep 2012 20:04

Instrument :
BNA_J
ClientSampled :
SLCSD01

Tgt Ion:	158	Resp:	2434024
Ion	Ratio	Lower	Upper
158	100		
143	56.8	39.2	79.2
108	40.8	24.9	64.9
45	14.2	0.0	36.2

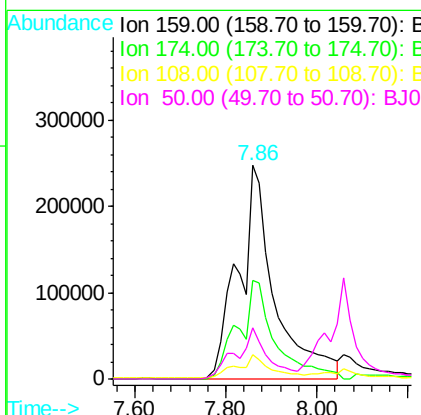
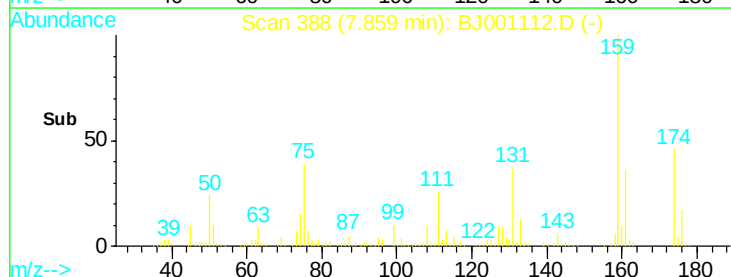
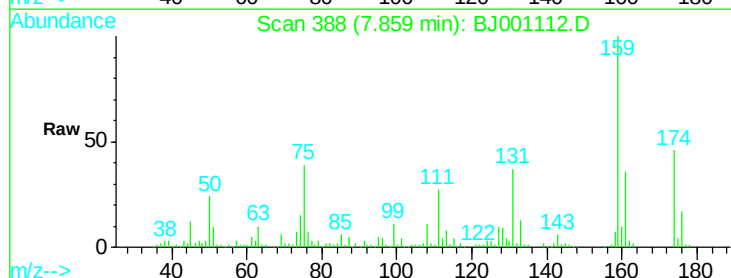
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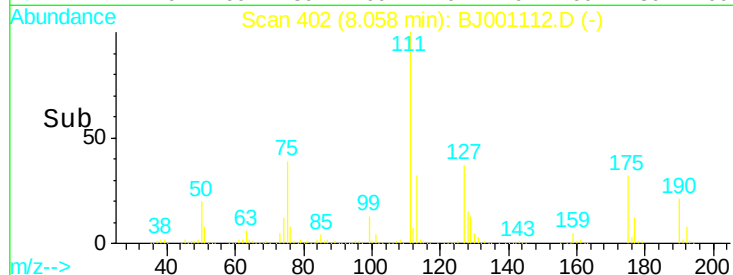
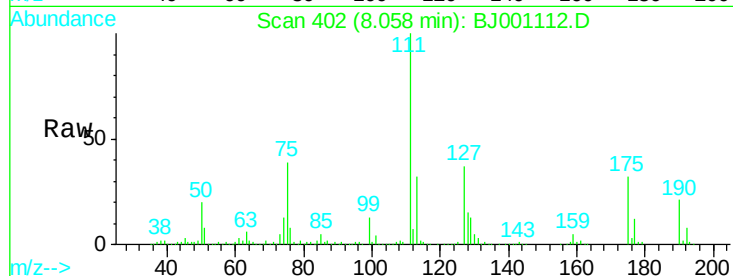
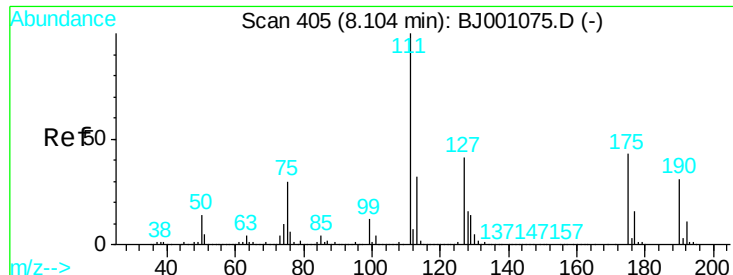
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#13
p-Chlorophenylmethylsulfoxide
Concen: 8.12 ug/mL
RT: 7.86 min Scan# 388
Delta R.T. 0.00 min
Lab File: BJ001112.D
Acq: 11 Sep 2012 20:04

Tgt Ion:	159	Resp:	1375645
Ion	Ratio	Lower	Upper
159	100		
174	47.0	27.2	67.2
108	9.4	0.0	29.4
50	21.2	0.7	40.7





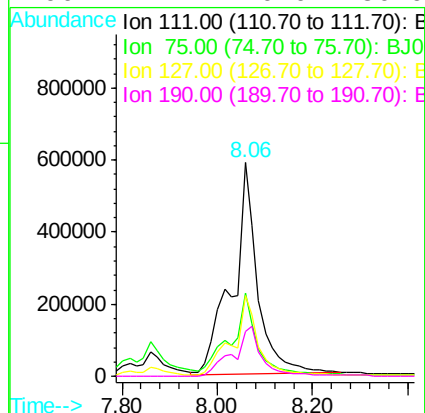
#14
 p-Chlorophenylmethylsulfone
 Concen: 10.15 ug/mL
 RT: 8.06 min Scan# 402
 Delta R.T. 0.00 min
 Lab File: BJ001112.D
 Acq: 11 Sep 2012 20:04

Instrument :
 BNA_J
 ClientSampleId :
 SLCSD01

Tgt Ion:	111	Resp:	2133597
Ion Ratio	Lower	Upper	
111	100		
75	38.8	21.3	61.3
127	37.5	16.0	56.0
190	21.2	0.0	36.9

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Data File : H:\VOL1\GCMSDATA\J\120911\BJ001112.D
 Acq On : 11 Sep 2012 20:04
 Sample : PB65544BSD
 Misc : WATER BNA J HLM
 MS Integration Params: rteint.p
 Quant Time: Sep 12 10:47 2012

Vial: 4
 Operator: HLM
 Inst : BNA J
 Multiplr: 1.00

Instrument :
 BNA_J
 ClientSampleId :
 SLCS001

Quant Results File: BJ091112.FRES

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

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.59	152	398821	2.00	ug/mL	-0.01
6) Naphthalene-d8	5.87	136	1648022	2.00	ug/mL	-0.03

System Monitoring Compounds

10) Tripropylphosphate	6.95	99	343226	0.48	ug/mL	0.00
Spiked Amount	0.500	Range	70 - 130	Recovery	=	96.00%
12) 2-Bromothioanisole	7.19	204	555178	4.36	ug/mL	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.20%

Target Compounds

						Ovalue
3) DMMP	3.48	79	198440	1.53	ug/mL	93
4) DIMP	4.84	97	686906	1.69	ug/mL#	78
5) 1,4-Oxathiane	3.60	46	786549	4.69	ug/mL	96
7) 1,4-Dithiane	5.03	46	622616	4.43	ug/mL	89
8) Thiodiglycol	5.82	61	3812212	28.56	ug/mL	96
9) Benzothiazole	6.15	135	4003748	8.94	ug/mL	92
11) p-Chlorophenylmethyldisulfide	6.44	158	2434024	9.20	ug/mL	95
13) p-Chlorophenylmethyldisulfox	7.86	159	1375645	8.12	ug/mL	100
14) p-Chlorophenylmethyldisulfon	8.06	111	2133597	10.15	ug/mL	96