

Data File : H:\VOL1\GCMSDATA\J\120427\BJ000843.D
 Acq On : 28 Apr 2012 00:01
 Sample : D2367-01
 Misc : WATER BNA J HLM
 MS Integration Params: rteint.p
 Quant Time: Apr 30 10:31 2012

Vial: 22
 Operator: HLM
 Inst : BNA J
 Multiplr: 1.00

Quant Results File: BJ042612.RES

Quant Method : H:\VOL1\GCMSDATA\J\METHODS\BJ042612.M (RTE Integrator)
 Title : CWA degradation products by GCMS
 Last Update : Mon Apr 30 10:31:38 2012
 Response via : Initial Calibration
 DataAcq Meth : CWAJ

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.76	152	207177	2.00	ug/mL	0.00
6) Naphthalene-d8	6.05	136	860885	2.00	ug/mL	0.00

System Monitoring Compounds

10) Tripropylphosphate	7.10	99	177655	0.61	ug/mL	0.02
Spiked Amount	0.500	Range	70 - 130	Recovery	=	122.00%
12) 2-Bromothioanisole	7.35	204	162394	2.88	ug/mL	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	57.60%#

Target Compounds

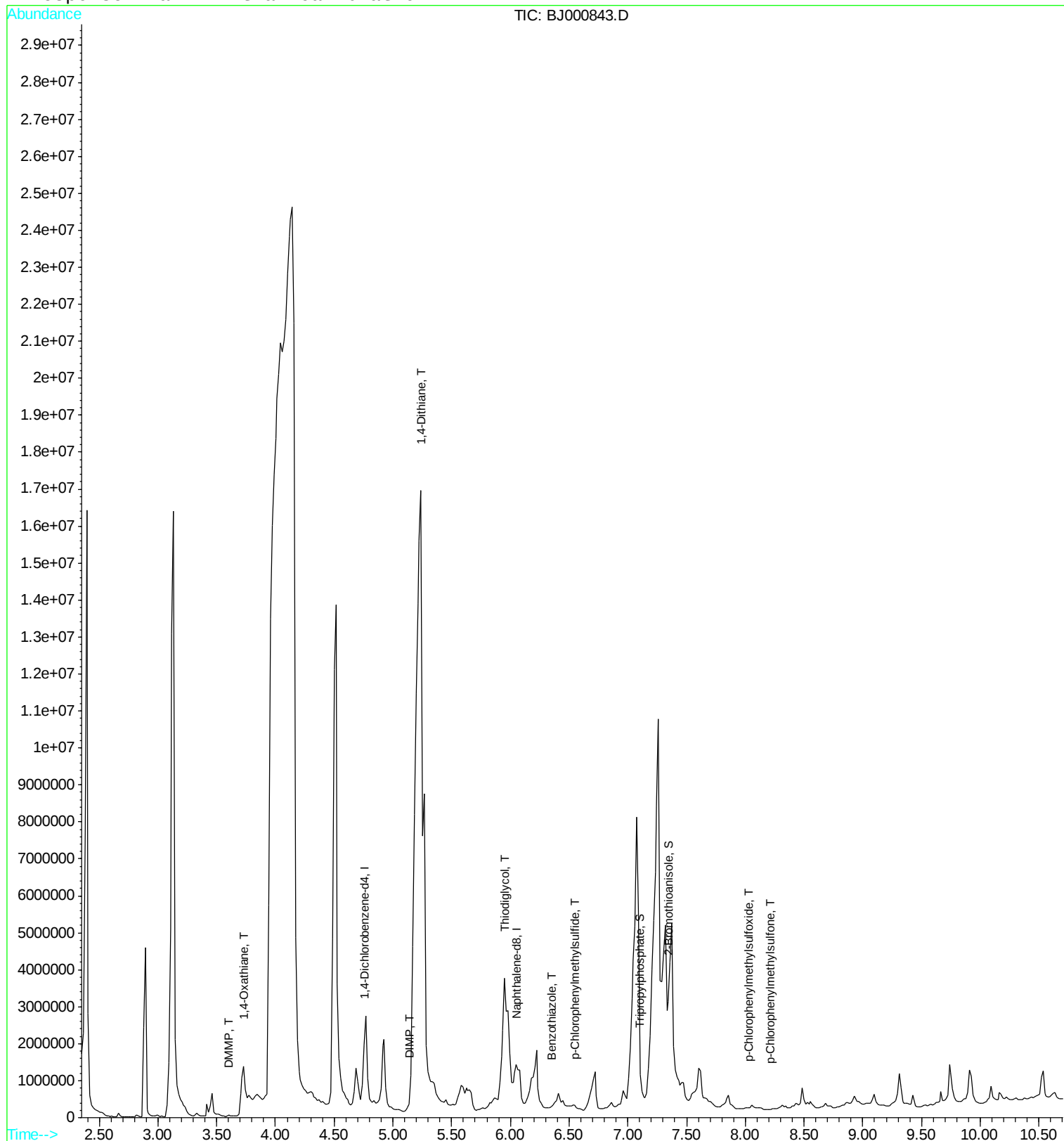
	R.T.	QIon	Response	Conc	Units	Ovalue
3) DMMP	3.60	79	1931	0.13	ug/mL#	10
4) DIMP	5.14	97	13648	0.08	ug/mL#	15
5) 1,4-Oxathiane	3.73	46	1158497	15.77	ug/mL#	79
7) 1,4-Dithiane	5.24	46	9753137	171.52	ug/mL#	86
8) Thiodiqlvcol	5.95	61	292697	6.62	ug/mL#	4
9) Benzothiazole	6.35	135	4339	0.02	ug/mL#	7
11) p-Chlorophenylmethylylsulfid	6.55	158	2096	0.01	ug/mL#	1
13) p-Chlorophenylmethylylsulfox	8.03	159	2871	0.03	ug/mL#	1
14) p-Chlorophenylmethylylsulfon	8.21	111	3684	0.03	ug/mL#	66

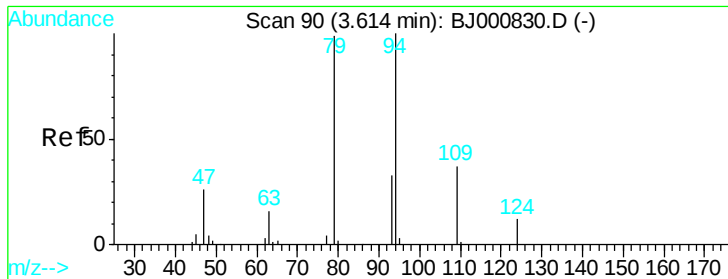
Data File : H:\VOL1\GCMSDATA\J\120427\BJ000843.D
Acq On : 28 Apr 2012 00:01
Sample : D2367-01
Misc : WATER BNA J HLM
MS Integration Params: rteint.p
Quant Time: Apr 30 10:31 2012

Vial: 22
Operator: HLM
Inst : BNA J
Multiplr: 1.00

Quant Results File: BJ042612.RES

Method : H:\VOL1\GCMSDATA\J\METHODS\BJ042612.M (RTE Integrator)
Title : CWA degradation products by GCMS
Last Update : Mon Apr 30 10:31:38 2012
Response via : Initial Calibration





#3

DMMP

Concen: 0.13 ug/mL

RT: 3.60 min Scan# 89

Delta R.T. -0.01 min

Lab File: BJ000843.D

Acq: 28 Apr 2012 00:01

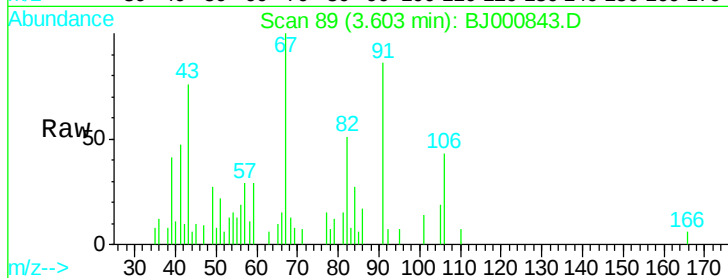
Tgt Ion: 79 Resp: 1931

Ion Ratio Lower Upper

79 100

94 0.0 80.8 120.8#

109 0.0 17.5 57.5#

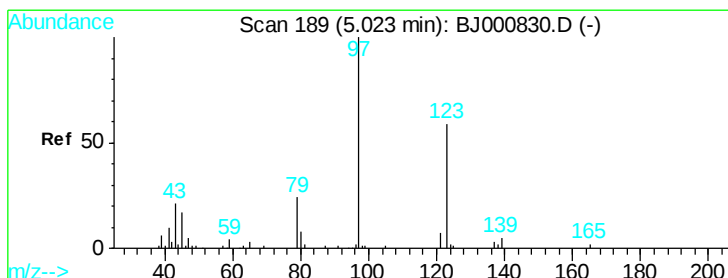
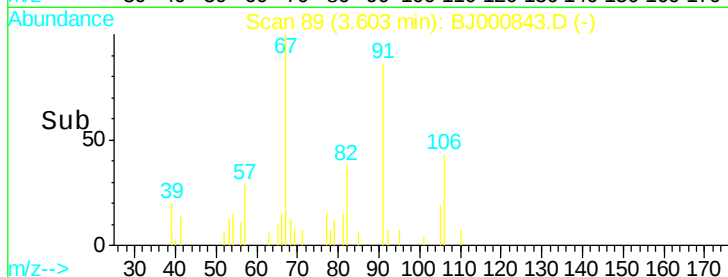
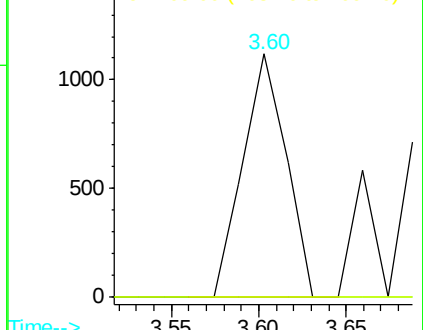


Abundance

Ion 79.00 (78.70 to 79.70): BJ0

Ion 94.00 (93.70 to 94.70): BJ0

Ion 109.00 (108.70 to 109.70): BJ0



#4

DIMP

Concen: 0.08 ug/mL

RT: 5.14 min Scan# 197

Delta R.T. 0.12 min

Lab File: BJ000843.D

Acq: 28 Apr 2012 00:01

Tgt Ion: 97 Resp: 13648

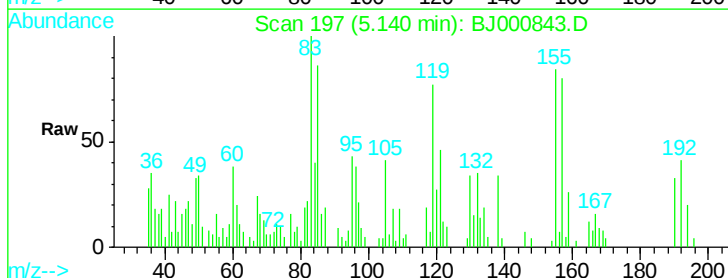
Ion Ratio Lower Upper

97 100

123 49.6 39.1 79.1

43 107.0 0.9 40.9#

41 122.5 0.0 30.0#



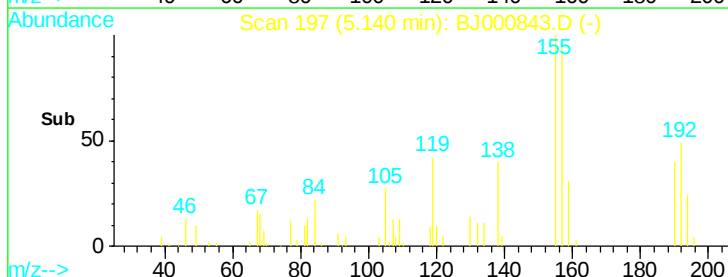
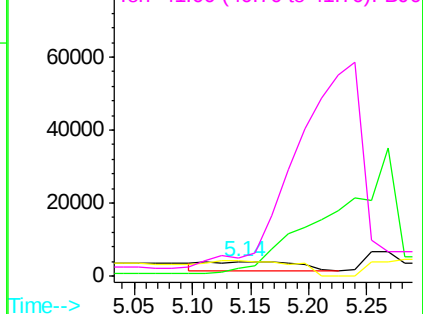
Abundance

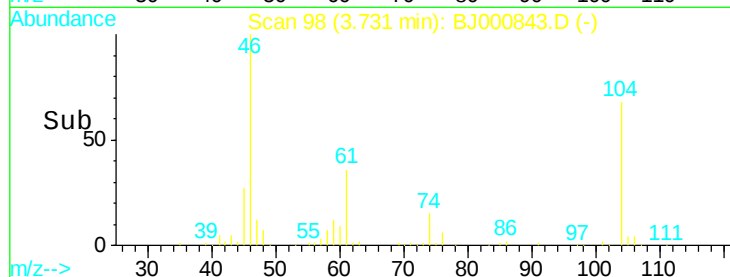
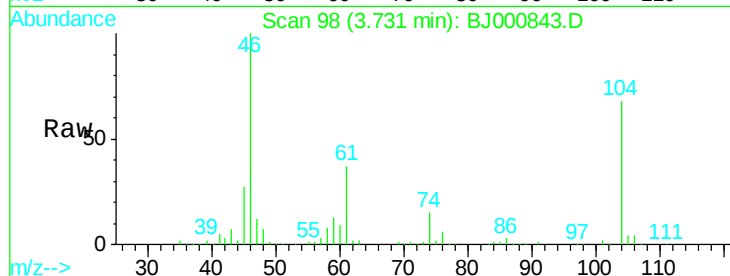
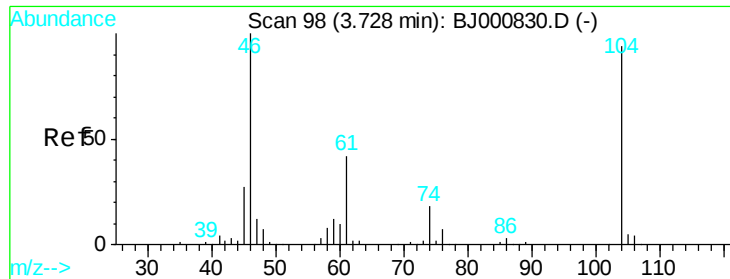
Ion 97.00 (96.70 to 97.70): BJ0

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: 15.77 ug/mL

RT: 3.73 min Scan# 98

Delta R.T. 0.00 min

Lab File: BJ000843.D

Acq: 28 Apr 2012 00:01

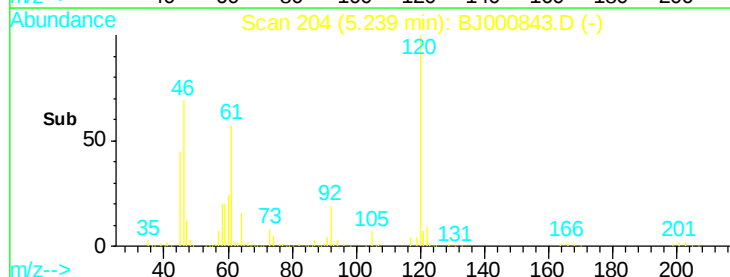
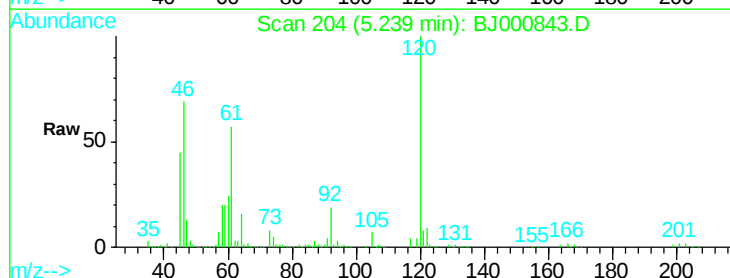
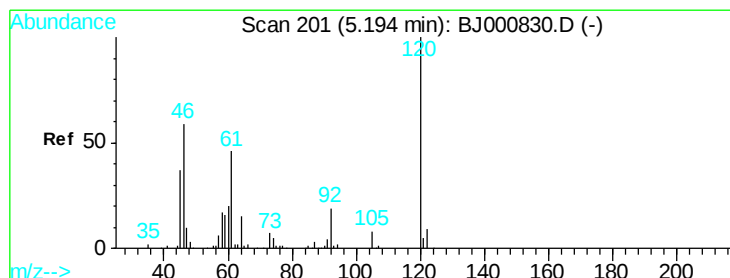
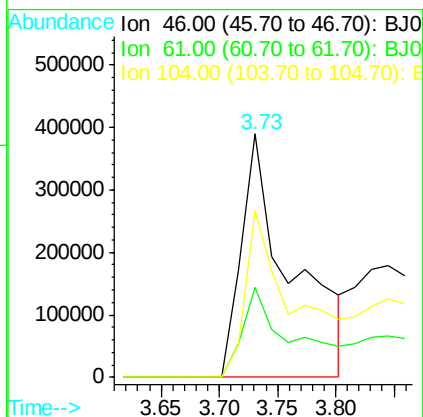
Tgt Ion: 46 Resp: 1158497

Ion Ratio Lower Upper

46 100

61 36.9 22.0 62.0

104 68.4 73.6 113.6#



#7

1,4-Dithiane

Concen: 171.52 ug/mL

RT: 5.24 min Scan# 204

Delta R.T. 0.05 min

Lab File: BJ000843.D

Acq: 28 Apr 2012 00:01

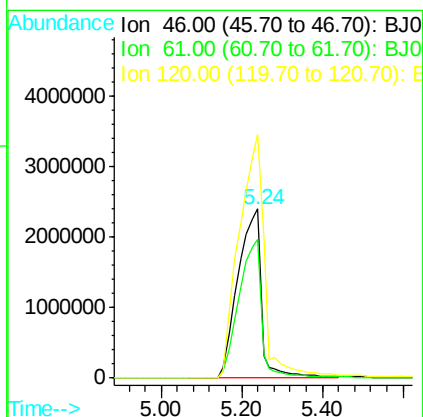
Tgt Ion: 46 Resp: 9753137

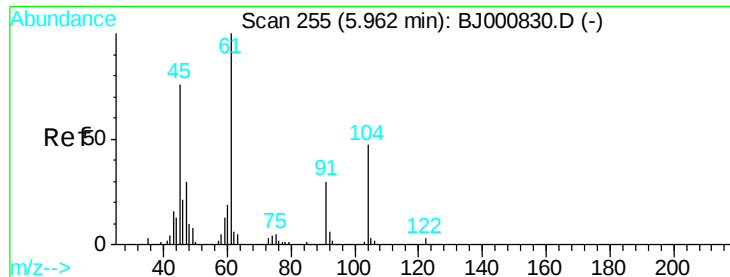
Ion Ratio Lower Upper

46 100

61 82.1 56.7 96.7

120 144.2 148.6 188.6#





#8

Thiodiglycol

Concen: 6.62 ug/mL

RT: 5.95 min Scan# 254

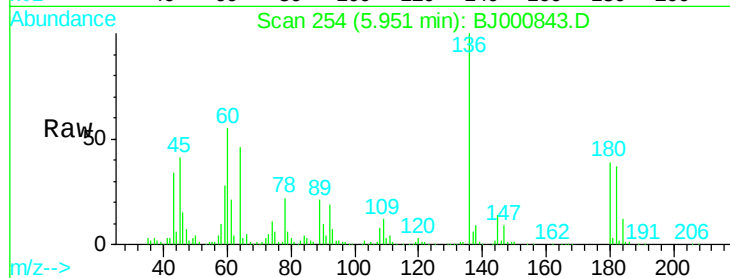
Delta R.T. -0.01 min

Lab File: BJ000843.D

Acq: 28 Apr 2012 00:01

Tgt Ion: 61 Resp: 292697

Ion	Ratio	Lower	Upper
61	100		
45	191.5	56.4	96.4#
47	30.8	10.1	50.1

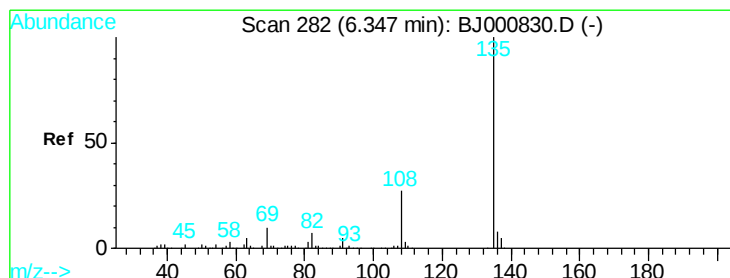
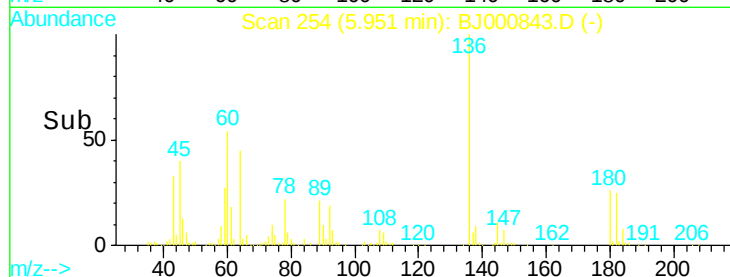
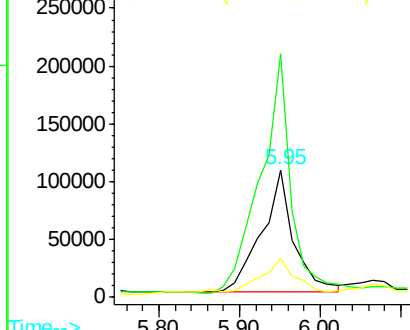


Abundance

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



#9

Benzothiazole

Concen: 0.02 ug/mL

RT: 6.35 min Scan# 282

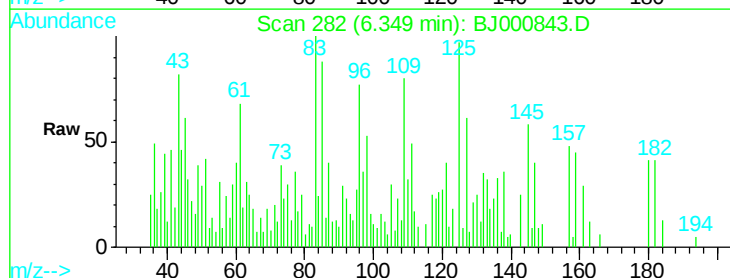
Delta R.T. 0.00 min

Lab File: BJ000843.D

Acq: 28 Apr 2012 00:01

Tgt Ion:135 Resp: 4339

Ion	Ratio	Lower	Upper
135	100		
108	57.1	7.0	47.0#
69	79.3	0.0	30.4#

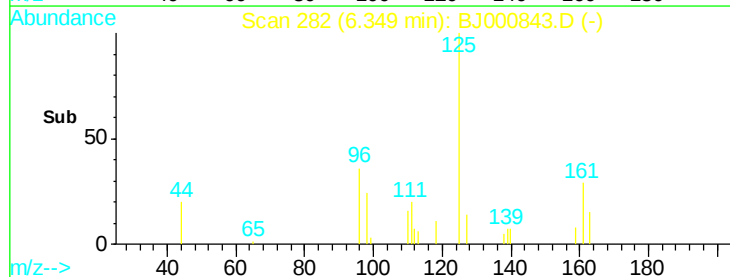
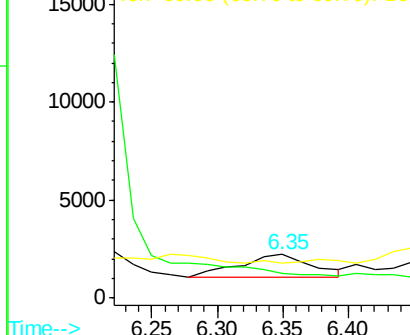


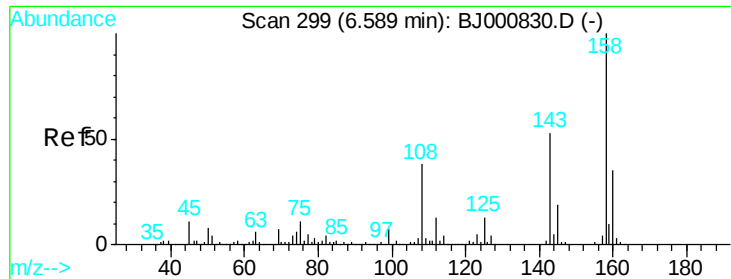
Abundance

Ion 135.00 (134.70 to 135.70): B

Ion 108.00 (107.70 to 108.70): B

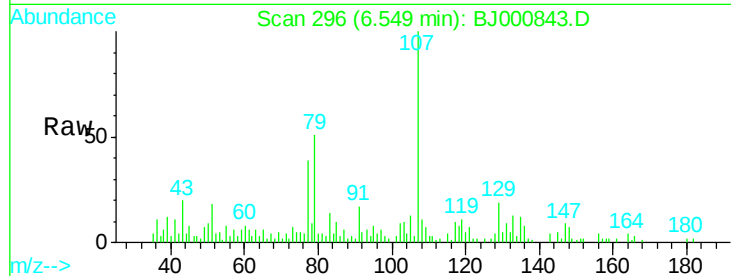
Ion 69.00 (68.70 to 69.70): BJ0





#11
p-Chlorophenylmethylsulfide
Concen: 0.01 ug/mL
RT: 6.55 min Scan# 296
Delta R.T. -0.04 min
Lab File: BJ000843.D
Acq: 28 Apr 2012 00:01

Tgt Ion:	158	Resp:	2096
Ion	Ratio	Lower	Upper
158	100		
143	222.7	32.7	72.7#
108	629.9	18.7	58.7#
45	485.1	0.0	31.9#



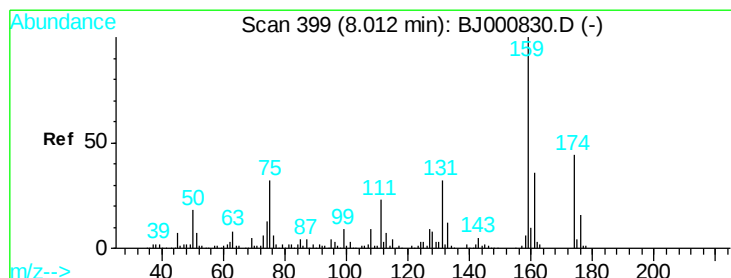
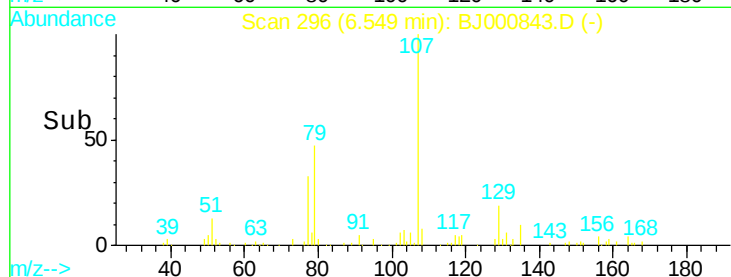
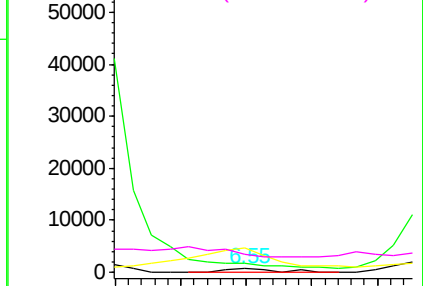
Abundance

Ion 158.00 (157.70 to 158.70): E

Ion 143.00 (142.70 to 143.70): E

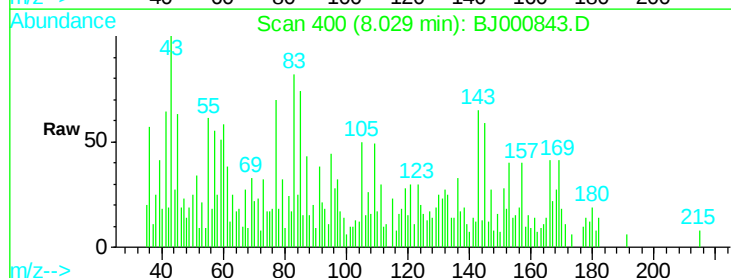
Ion 108.00 (107.70 to 108.70): E

Ion 45.00 (44.70 to 45.70): BJ0



#13
p-Chlorophenylmethylsulfoxide
Concen: 0.03 ug/mL
RT: 8.03 min Scan# 400
Delta R.T. 0.02 min
Lab File: BJ000843.D
Acq: 28 Apr 2012 00:01

Tgt Ion:	159	Resp:	2871
Ion	Ratio	Lower	Upper
159	100		
174	0.0	28.0	68.0#
108	0.0	0.0	28.5
50	213.8	0.0	36.1#



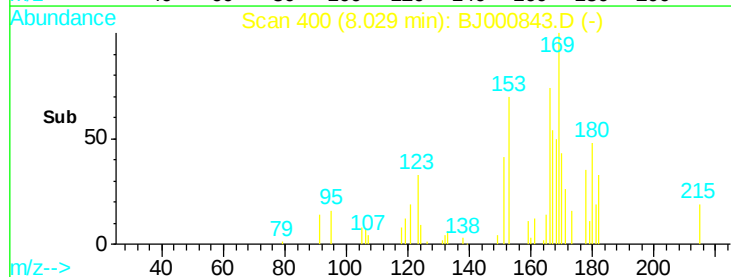
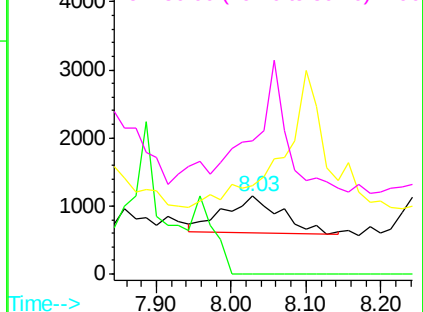
Abundance

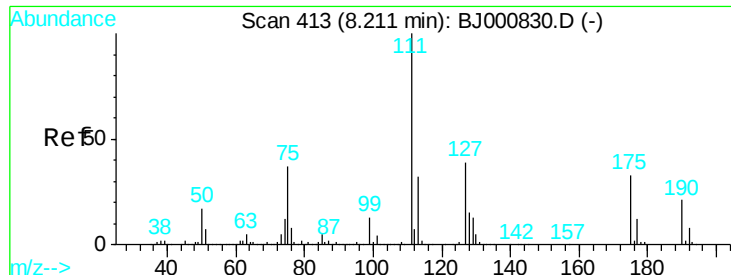
Ion 159.00 (158.70 to 159.70): E

Ion 174.00 (173.70 to 174.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 50.00 (49.70 to 50.70): BJ0





#14
 p-Chlorophenylmethylsulfone
 Concen: 0.03 ug/mL
 RT: 8.21 min Scan# 413
 Delta R.T. 0.00 min
 Lab File: BJ000843.D
 Acq: 28 Apr 2012 00:01

Tgt Ion:	111	Resp:	3684
Ion Ratio	Lower	Upper	
111	100		
75	59.6	18.5	58.5#
127	55.4	19.3	59.3
190	0.0	0.9	40.9#

