

Data File : H:\VOL1\GCMSDATA\J\120427\BJ000841.D
 Acq On : 27 Apr 2012 23:25
 Sample : PB62635BS
 Misc : WATER BNA J HLM
 MS Integration Params: rteint.p
 Quant Time: Apr 30 10:31 2012

Vial: 20
 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	4.72	152	224520	2.00	ug/mL	-0.03
6) Naphthalene-d8	6.03	136	894421	2.00	ug/mL	-0.02

System Monitoring Compounds

10) Tripropylphosphate	7.08	99	178515	0.59	ug/mL	0.00
Spiked Amount	0.500	Range	70 - 130	Recovery	=	118.00%
12) 2-Bromothioanisole	7.34	204	300983	5.13	ug/mL	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.60%

Target Compounds

	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dimethyl Disulfide	2.79	94	357348	4.32	ug/mL	79
3) DMMP	3.64	79	109492	1.56	ug/mL	89
4) DIMP	5.04	97	373733	1.89	ug/mL	94
5) 1,4-Oxathiane	3.75	46	364396	4.58	ug/mL#	75
7) 1,4-Dithiane	5.18	46	273846	4.64	ug/mL	90
8) Thiodiglycol	5.95	61	2234362	37.73	ug/mL	97
9) Benzothiazole	6.33	135	2350299	10.56	ug/mL	97
11) p-Chlorophenylmethyldisulfide	6.57	158	1523067	9.89	ug/mL	98
13) p-Chlorophenylmethyldisulfox	8.01	159	676422	7.87	ug/mL	95
14) p-Chlorophenylmethyldisulfon	8.21	111	1317170	10.40	ug/mL	95

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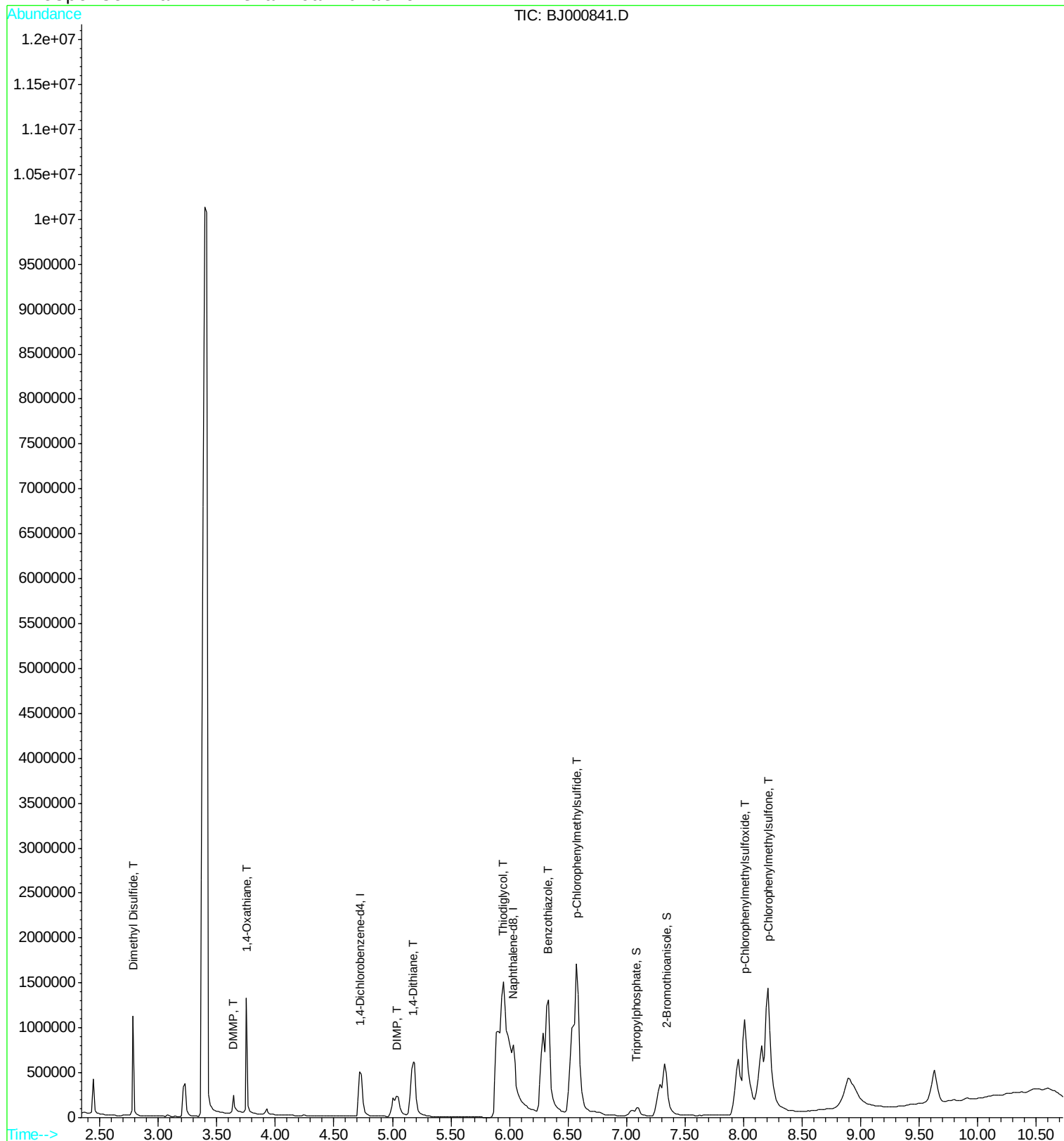
Quant Results File: BJ042612.RES

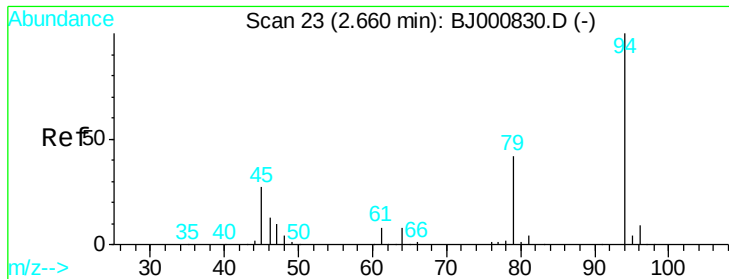
Method : H:\VOL1\GCMSDATA\J\METHODS\BJ042612.M (RTE Integrator)

Title : CWA degradation products by GCMS

Last Update : Mon Apr 30 10:31:38 2012

Response via : Initial Calibration





#2

Dimethyl Disulfide

Concen: 4.32 ug/mL

RT: 2.79 min Scan# 32

Delta R.T. 0.13 min

Lab File: BJ000841.D

Acq: 27 Apr 2012 23:25

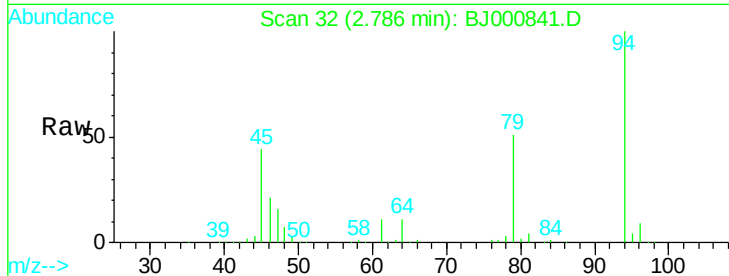
Tgt Ion: 94 Resp: 357348

Ion Ratio Lower Upper

94 100

45 44.0 7.2 47.2

79 50.5 21.6 61.6

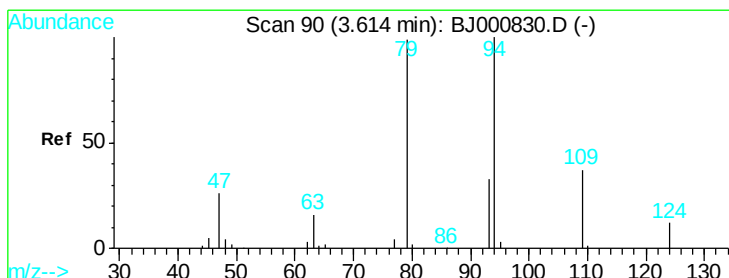
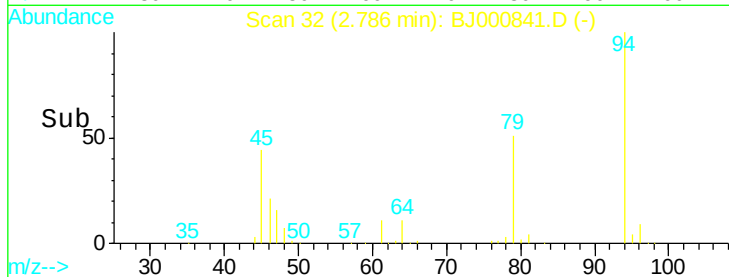
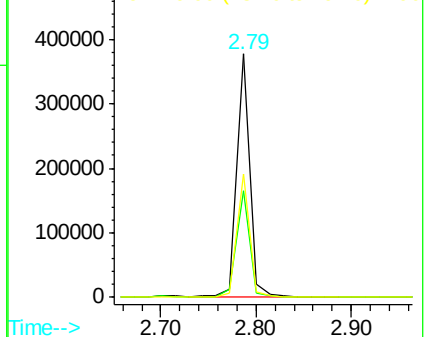


Abundance

Ion 94.00 (93.70 to 94.70): BJ0

Ion 45.00 (44.70 to 45.70): BJ0

Ion 79.00 (78.70 to 79.70): BJ0



#3

DMMP

Concen: 1.56 ug/mL

RT: 3.64 min Scan# 92

Delta R.T. 0.03 min

Lab File: BJ000841.D

Acq: 27 Apr 2012 23:25

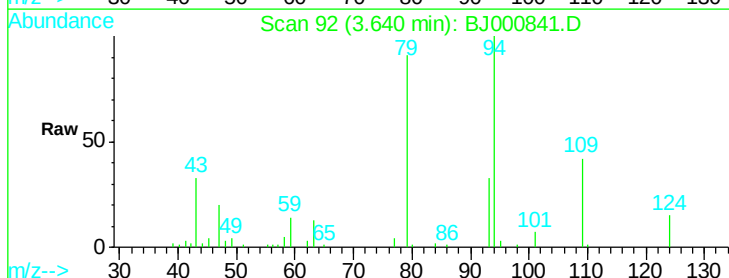
Tgt Ion: 79 Resp: 109492

Ion Ratio Lower Upper

79 100

94 110.3 80.8 120.8

109 46.1 17.5 57.5

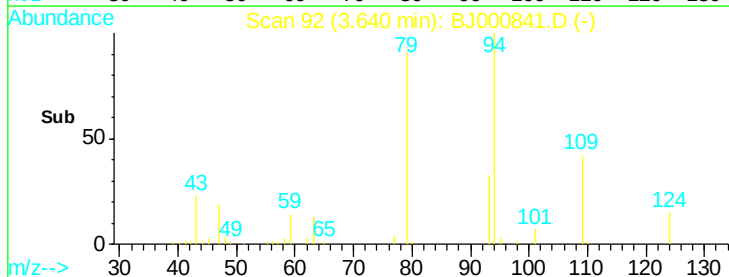
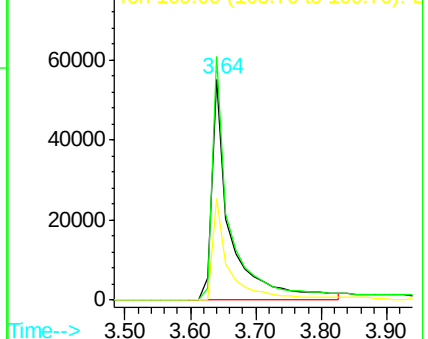


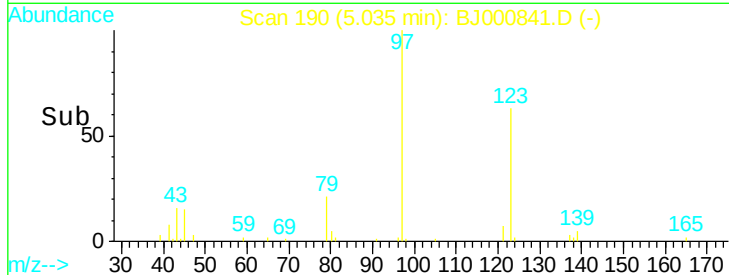
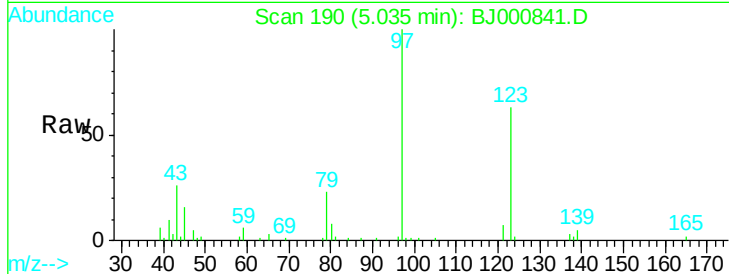
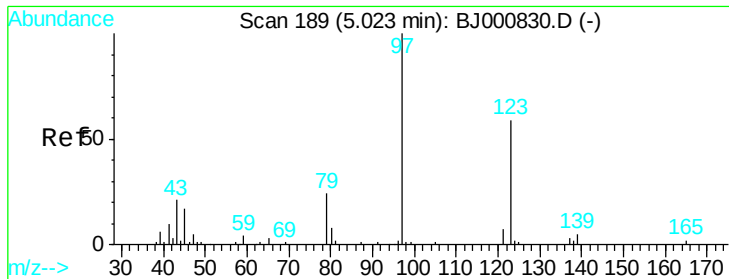
Abundance

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: 1.89 ug/mL

RT: 5.04 min Scan# 190

Delta R.T. 0.01 min

Lab File: BJ000841.D

Acq: 27 Apr 2012 23:25

Tgt Ion: 97 Resp: 373733

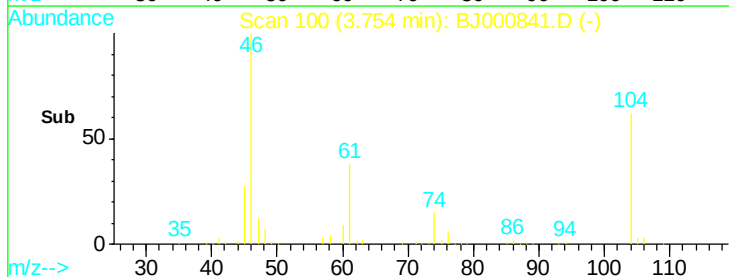
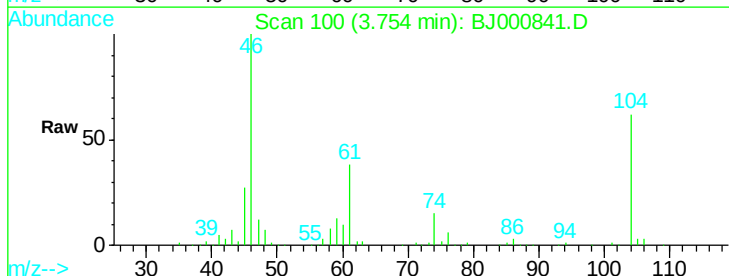
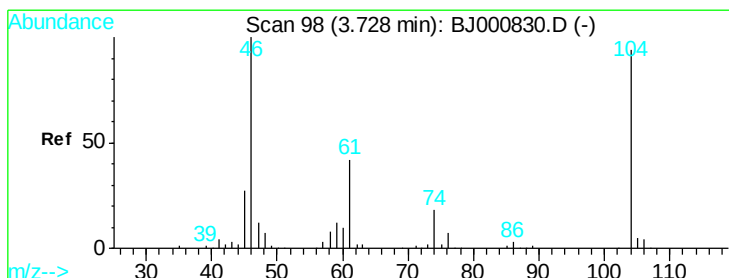
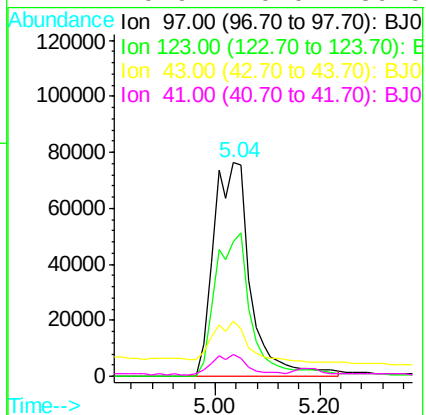
Ion Ratio Lower Upper

97 100

123 63.0 39.1 79.1

43 26.1 0.9 40.9

41 9.9 0.0 30.0



#5

1,4-Oxathiane

Concen: 4.58 ug/mL

RT: 3.75 min Scan# 100

Delta R.T. 0.03 min

Lab File: BJ000841.D

Acq: 27 Apr 2012 23:25

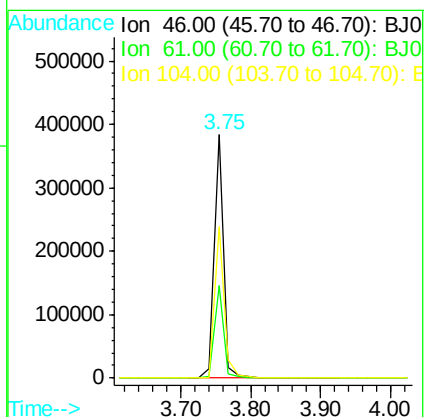
Tgt Ion: 46 Resp: 364396

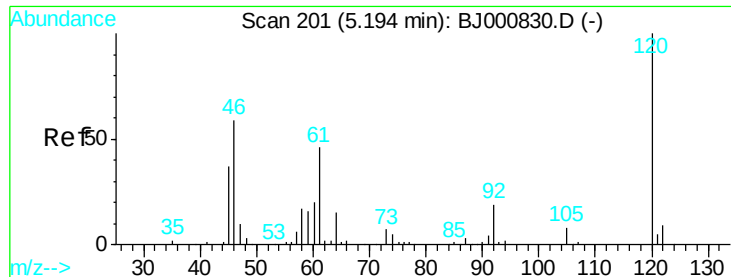
Ion Ratio Lower Upper

46 100

61 38.0 22.0 62.0

104 62.1 73.6 113.6#





#7

1,4-Dithiane

Concen: 4.64 ug/mL

RT: 5.18 min Scan# 200

Delta R.T. -0.02 min

Lab File: BJ000841.D

Acq: 27 Apr 2012 23:25

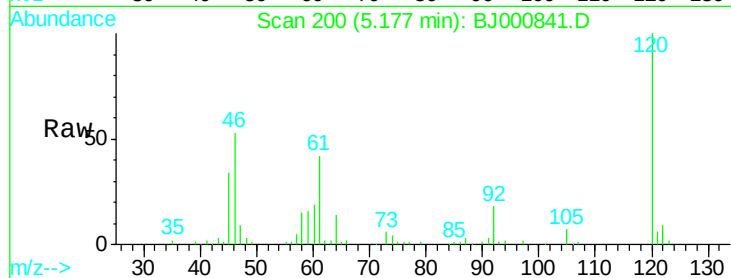
Tgt Ion: 46 Resp: 273846

Ion Ratio Lower Upper

46 100

61 78.1 56.7 96.7

120 187.8 148.6 188.6

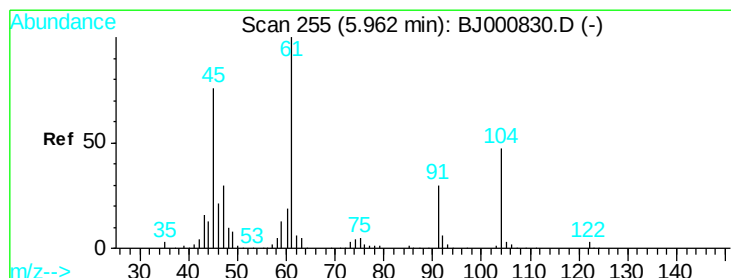
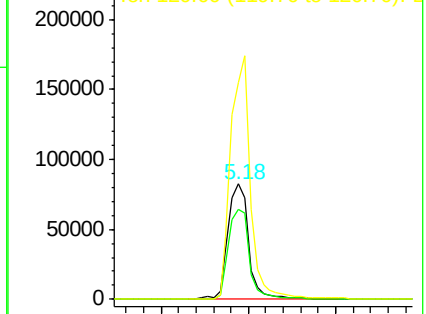
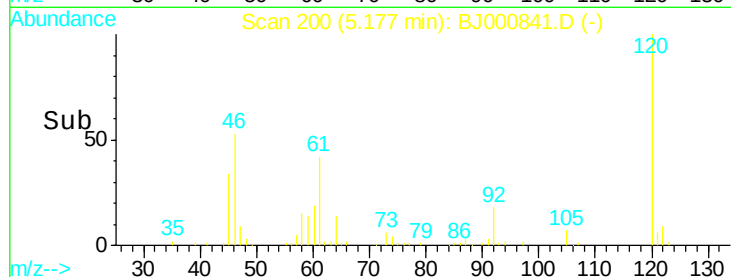


Abundance

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



#8

Thiodiglycol

Concen: 37.73 ug/mL

RT: 5.95 min Scan# 254

Delta R.T. -0.02 min

Lab File: BJ000841.D

Acq: 27 Apr 2012 23:25

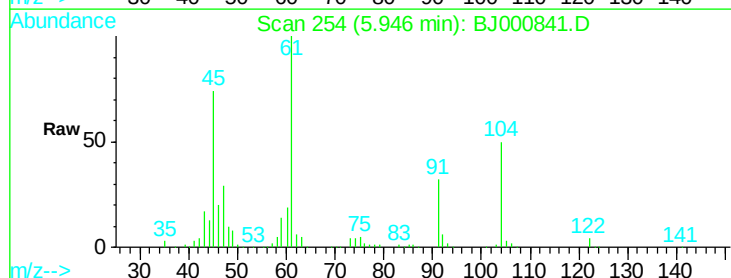
Tgt Ion: 61 Resp: 2234362

Ion Ratio Lower Upper

61 100

45 73.5 56.4 96.4

47 29.1 10.1 50.1

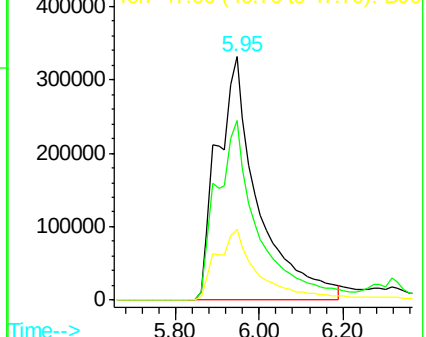
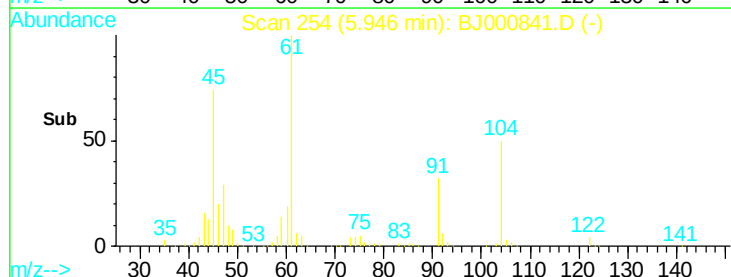


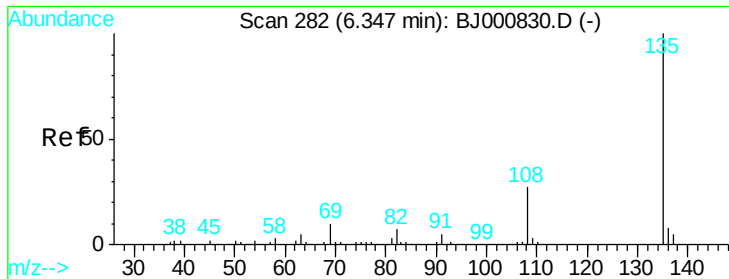
Abundance

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: 10.56 ug/mL

RT: 6.33 min Scan# 281

Delta R.T. -0.02 min

Lab File: BJ000841.D

Acq: 27 Apr 2012 23:25

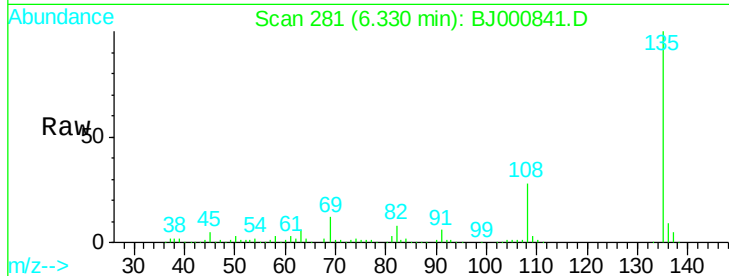
Tgt Ion:135 Resp: 2350299

Ion Ratio Lower Upper

135 100

108 28.3 7.0 47.0

69 12.1 0.0 30.4

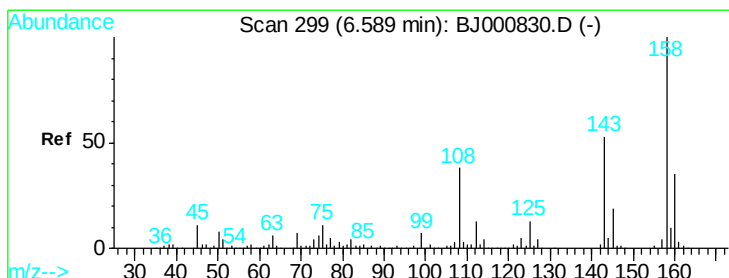
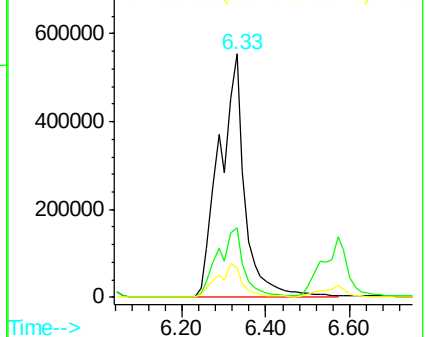
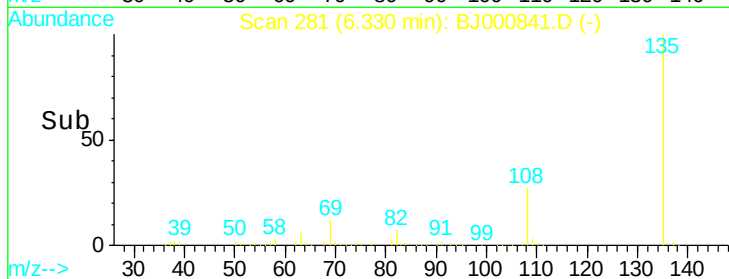


Abundance

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: 9.89 ug/mL

RT: 6.57 min Scan# 298

Delta R.T. -0.02 min

Lab File: BJ000841.D

Acq: 27 Apr 2012 23:25

Tgt Ion:158 Resp: 1523067

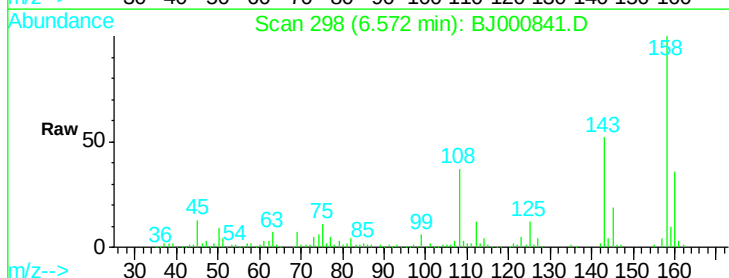
Ion Ratio Lower Upper

158 100

143 51.6 32.7 72.7

108 37.2 18.7 58.7

45 13.3 0.0 31.9



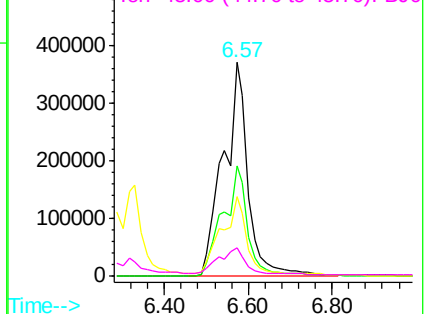
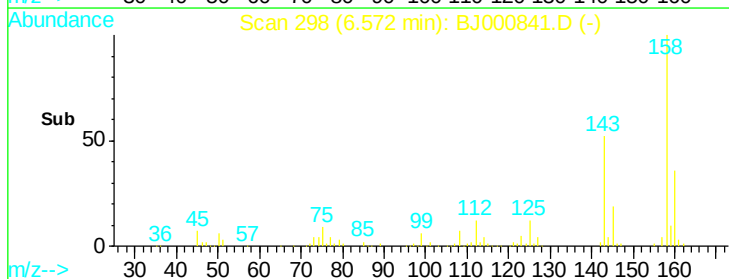
Abundance

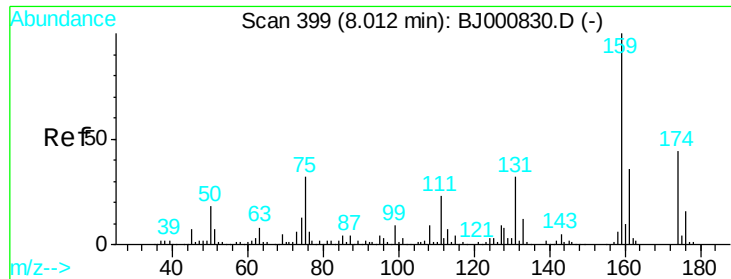
Ion 158.00 (157.70 to 158.70): E

Ion 143.00 (142.70 to 143.70): E

Ion 108.00 (107.70 to 108.70): E

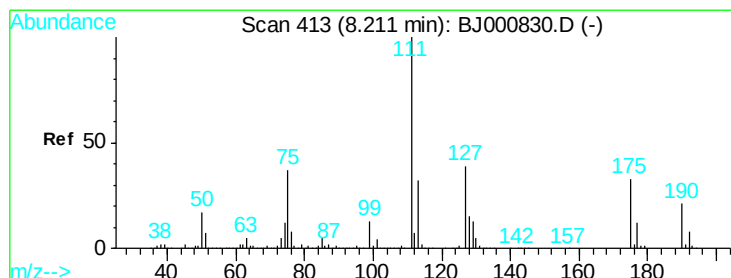
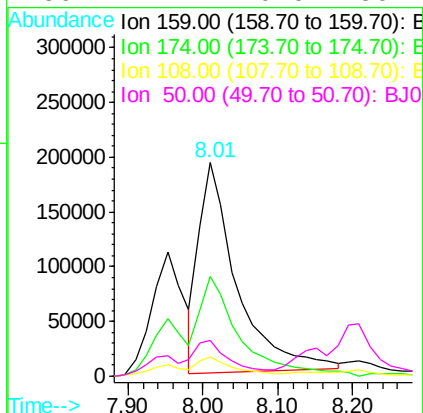
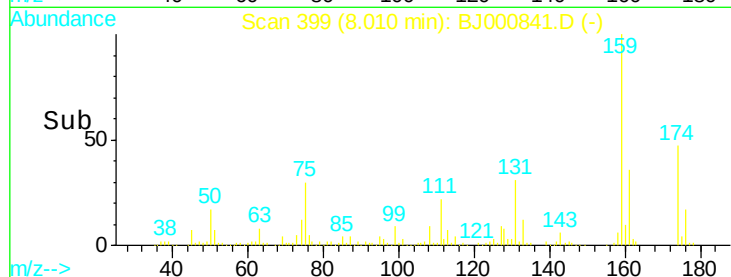
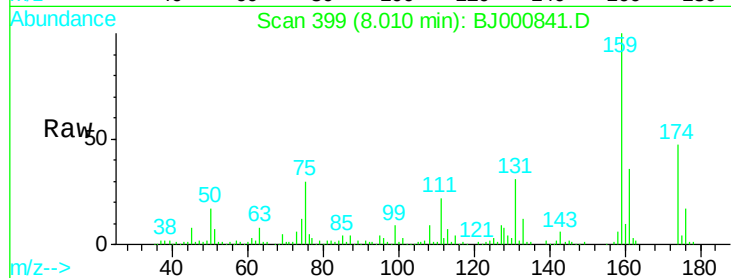
Ion 45.00 (44.70 to 45.70): BJ0





#13
p-Chlorophenylmethylsulfoxide
Concen: 7.87 ug/mL
RT: 8.01 min Scan# 399
Delta R.T. -0.00 min
Lab File: BJ000841.D
Acq: 27 Apr 2012 23:25

Tgt Ion:	159	Resp:	676422
Ion	Ratio	Lower	Upper
159	100		
174	50.7	28.0	68.0
108	7.3	0.0	28.5
50	12.2	0.0	36.1



#14
p-Chlorophenylmethylsulfone
Concen: 10.40 ug/mL
RT: 8.21 min Scan# 413
Delta R.T. -0.00 min
Lab File: BJ000841.D
Acq: 27 Apr 2012 23:25

Tgt Ion:	111	Resp:	1317170
Ion	Ratio	Lower	Upper
111	100		
75	35.3	18.5	58.5
127	40.1	19.3	59.3
190	26.8	0.9	40.9

