

Data File : H:\VOL1\GCMSDATA\J\120427\BJ000832.D
 Acq On : 27 Apr 2012 20:43
 Sample : PB62691BS
 Misc : WATER BNA J HLM
 MS Integration Params: rteint.p
 Quant Time: Apr 30 10:30 2012

Vial: 11
 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	4.74	152	244680	2.00	ug/mL	-0.01
6) Naphthalene-d8	6.04	136	947421	2.00	ug/mL	-0.01

System Monitoring Compounds

10) Tripropylphosphate	7.09	99	168765	0.52	ug/mL	0.00
Spiked Amount	0.500	Range	70 - 130	Recovery	=	104.00%
12) 2-Bromothioanisole	7.35	204	297439	4.79	ug/mL	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.80%

Target Compounds

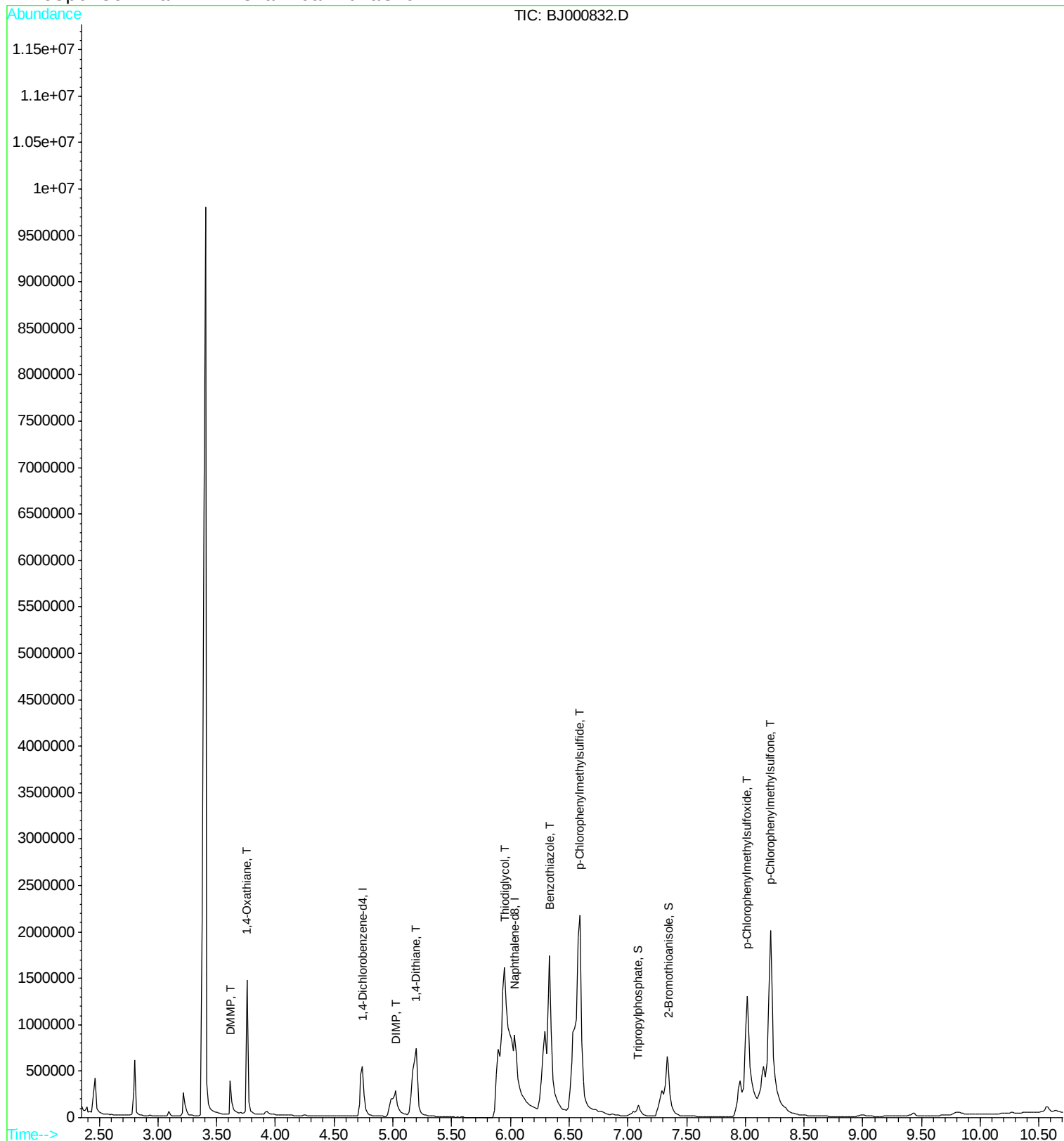
	R.T.	QIon	Response	Conc	Units	Ovalue
3) DMMP	3.62	79	175674	2.24	ug/mL	95
4) DIMP	5.03	97	423204	1.97	ug/mL	91
5) 1,4-Oxathiane	3.76	46	427076	4.92	ug/mL#	71
7) 1,4-Dithiane	5.20	46	314719	5.03	ug/mL#	78
8) Thiodiglycol	5.95	61	2289628	36.56	ug/mL	97
9) Benzothiazole	6.33	135	2694216	11.43	ug/mL	93
11) p-Chlorophenylmethylsulfid	6.59	158	1796484	11.01	ug/mL	95
13) p-Chlorophenylmethylsulfox	8.01	159	1074793	11.81	ug/mL	99
14) p-Chlorophenylmethylsulfon	8.21	111	1432679	10.68	ug/mL	94

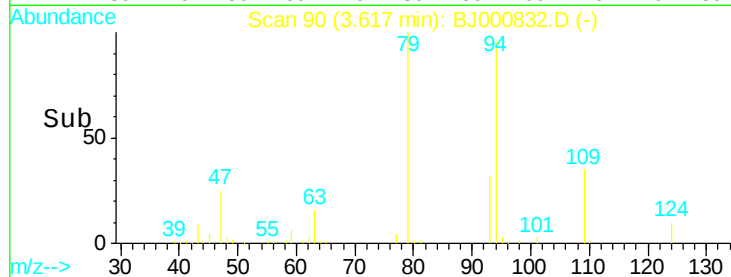
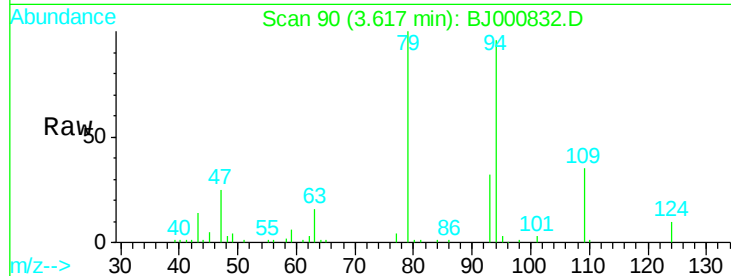
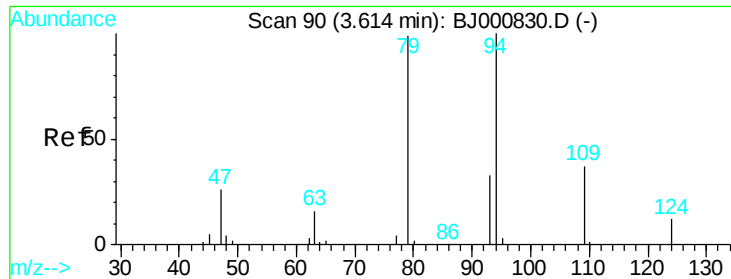
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Quant Results File: BJ042612.RES

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Title : CWA degradation products by GCMS
Last Update : Mon Apr 30 10:31:38 2012
Response via : Initial Calibration





#3

DMMP

Concen: 2.24 ug/mL

RT: 3.62 min Scan# 90

Delta R.T. 0.00 min

Lab File: BJ000832.D

Acq: 27 Apr 2012 20:43

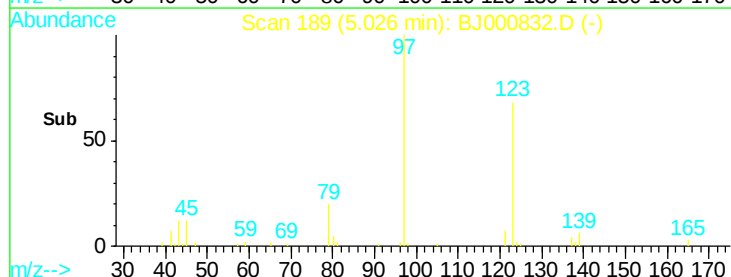
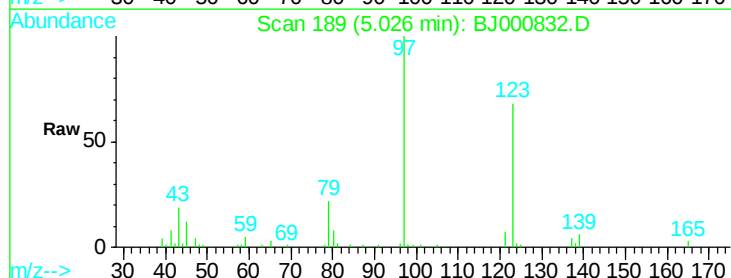
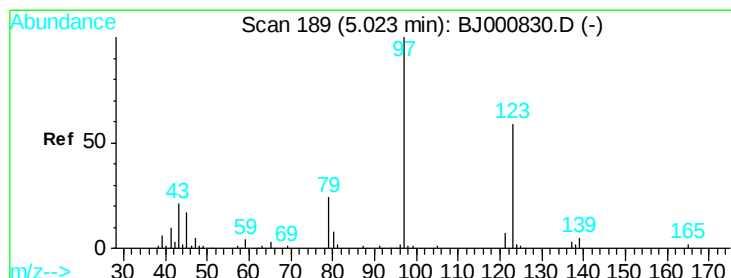
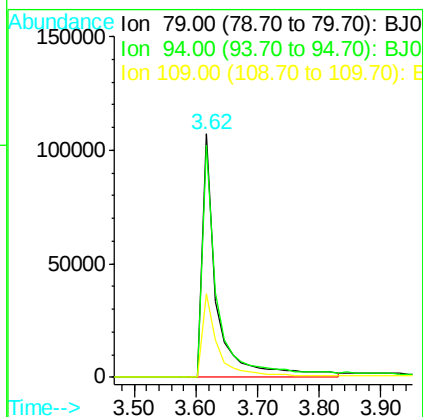
Tgt Ion: 79 Resp: 175674

Ion Ratio Lower Upper

79 100

94 95.5 80.8 120.8

109 34.6 17.5 57.5



#4

DIMP

Concen: 1.97 ug/mL

RT: 5.03 min Scan# 189

Delta R.T. 0.00 min

Lab File: BJ000832.D

Acq: 27 Apr 2012 20:43

Tgt Ion: 97 Resp: 423204

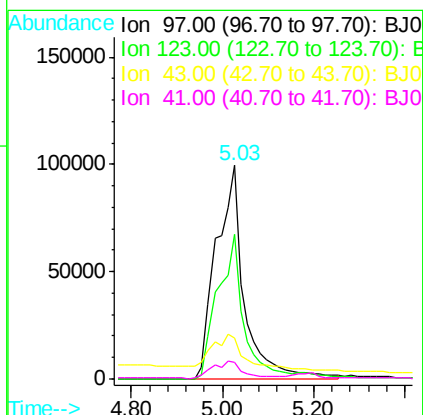
Ion Ratio Lower Upper

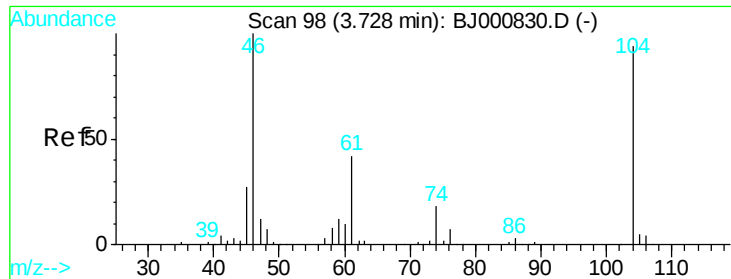
97 100

123 67.7 39.1 79.1

43 19.5 0.9 40.9

41 7.6 0.0 30.0





#5

1,4-Oxathiane

Concen: 4.92 ug/mL

RT: 3.76 min Scan# 100

Delta R.T. 0.03 min

Lab File: BJ000832.D

Acq: 27 Apr 2012 20:43

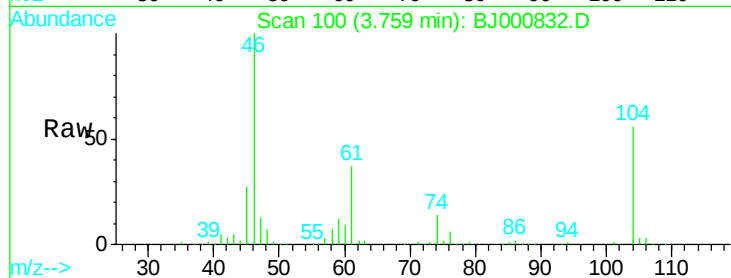
Tgt Ion: 46 Resp: 427076

Ion Ratio Lower Upper

46 100

61 37.4 22.0 62.0

104 55.8 73.6 113.6#

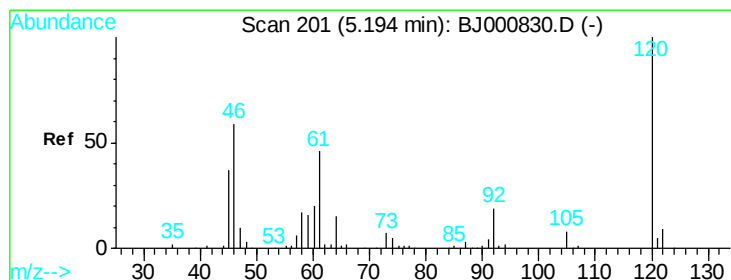
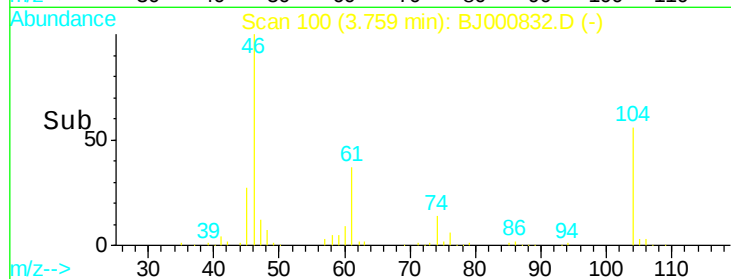
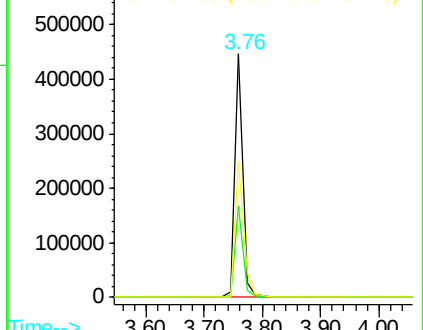


Abundance

Ion 46.00 (45.70 to 46.70): BJ0

Ion 61.00 (60.70 to 61.70): BJ0

Ion 104.00 (103.70 to 104.70): BJ0



#7

1,4-Dithiane

Concen: 5.03 ug/mL

RT: 5.20 min Scan# 201

Delta R.T. 0.00 min

Lab File: BJ000832.D

Acq: 27 Apr 2012 20:43

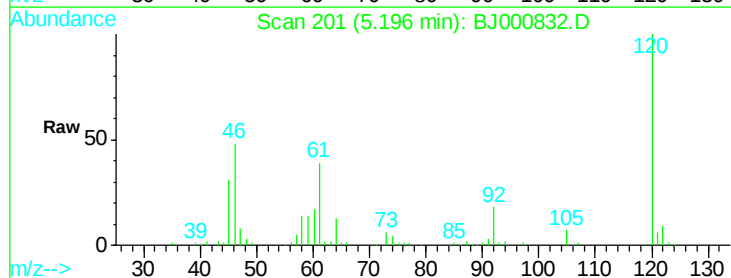
Tgt Ion: 46 Resp: 314719

Ion Ratio Lower Upper

46 100

61 81.9 56.7 96.7

120 208.1 148.6 188.6#

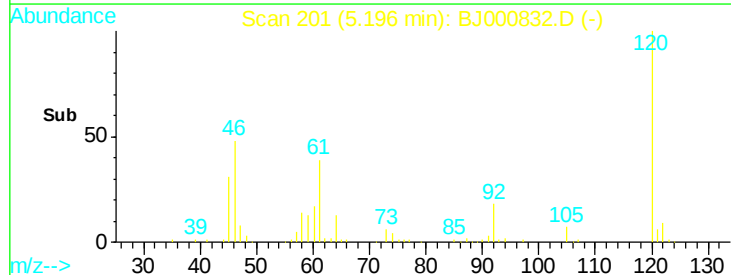
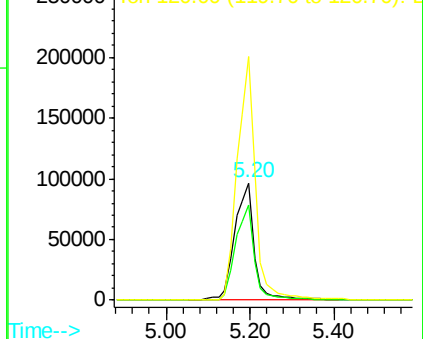


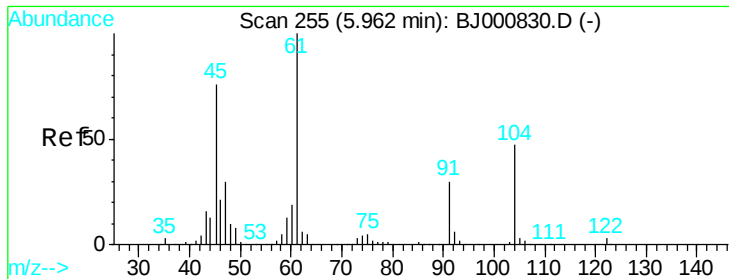
Abundance

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: 36.56 ug/mL

RT: 5.95 min Scan# 254

Delta R.T. -0.01 min

Lab File: BJ000832.D

Acq: 27 Apr 2012 20:43

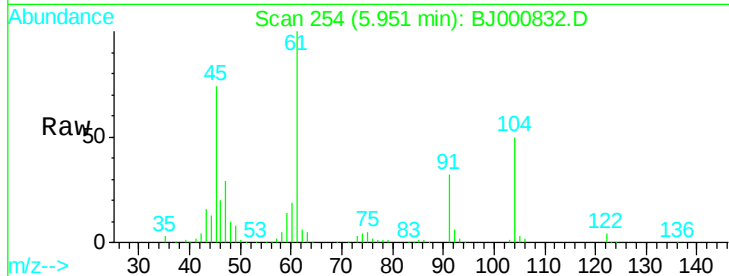
Tgt Ion: 61 Resp: 2289628

Ion Ratio Lower Upper

61 100

45 73.6 56.4 96.4

47 29.3 10.1 50.1

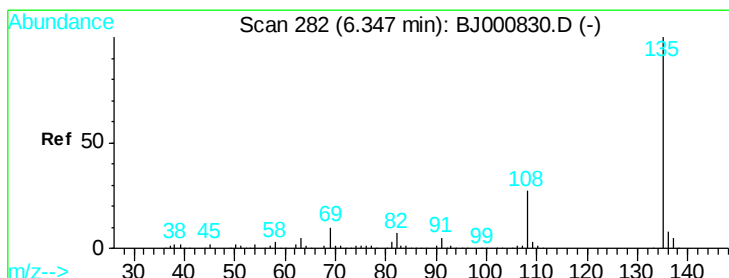
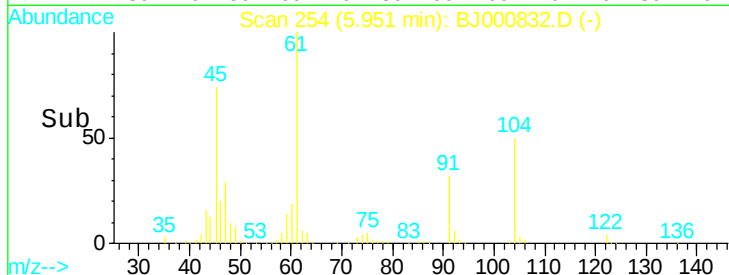
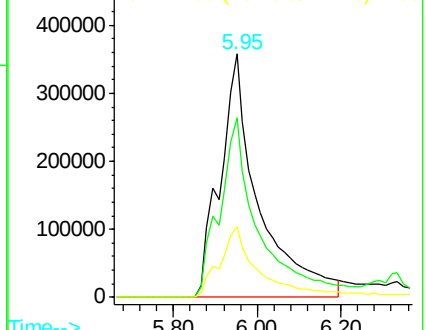


Abundance

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: 11.43 ug/mL

RT: 6.33 min Scan# 281

Delta R.T. -0.01 min

Lab File: BJ000832.D

Acq: 27 Apr 2012 20:43

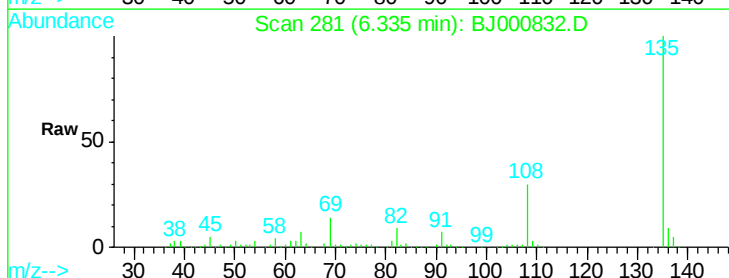
Tgt Ion: 135 Resp: 2694216

Ion Ratio Lower Upper

135 100

108 30.4 7.0 47.0

69 13.8 0.0 30.4

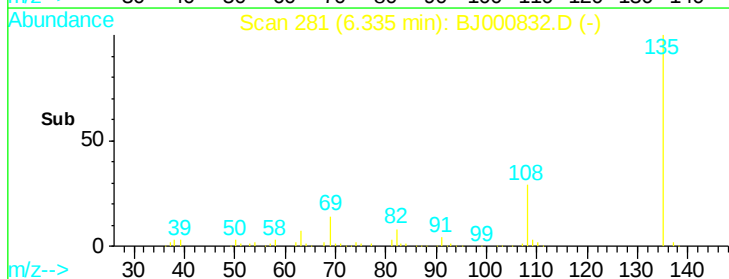
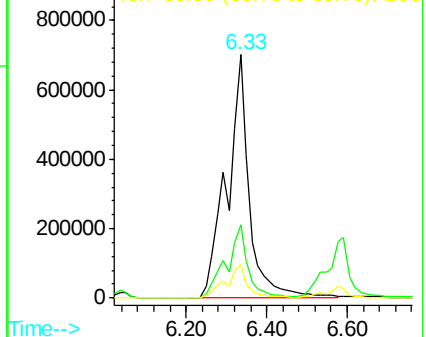


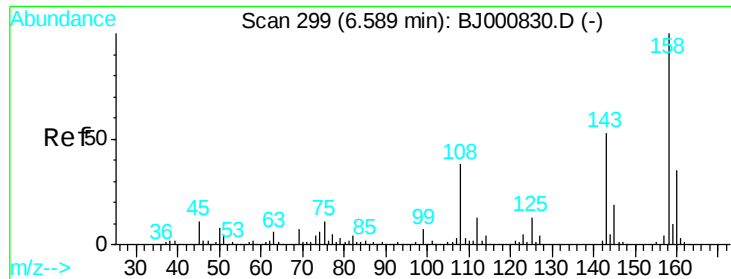
Abundance

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

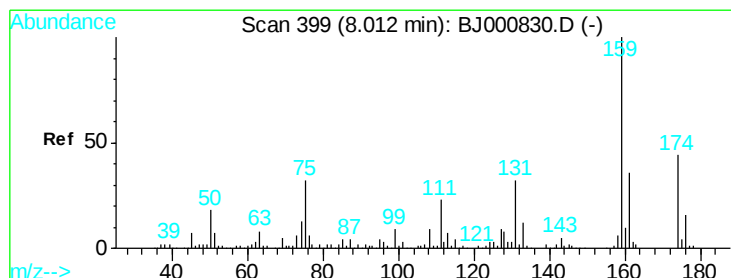
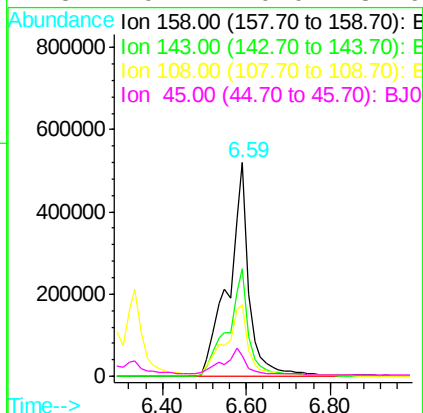
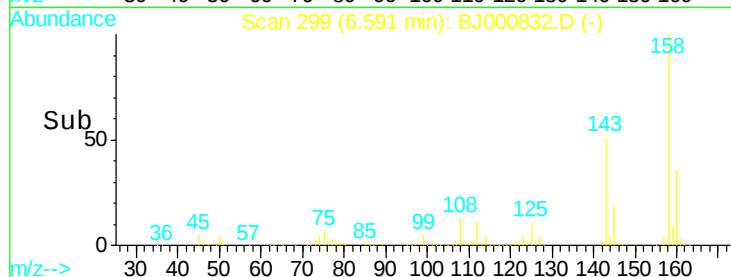
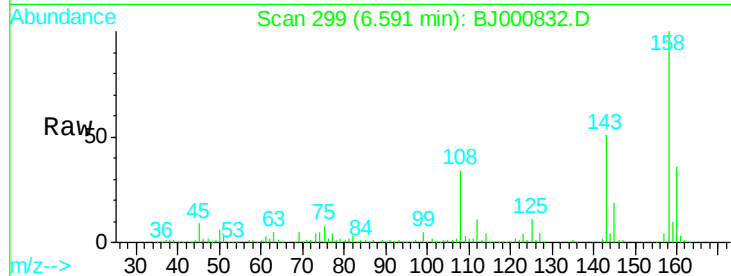




#11
p-Chlorophenylmethylsulfide
Concen: 11.01 ug/mL
RT: 6.59 min Scan# 299
Delta R.T. 0.00 min
Lab File: BJ000832.D
Acq: 27 Apr 2012 20:43

Tgt Ion:158 Resp: 1796484

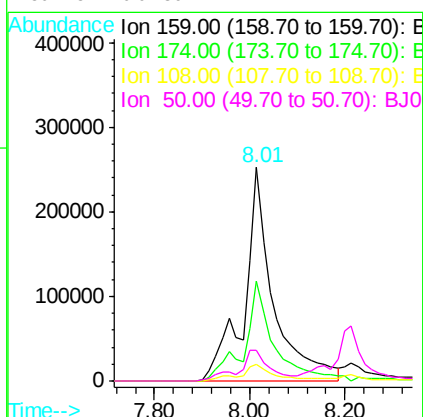
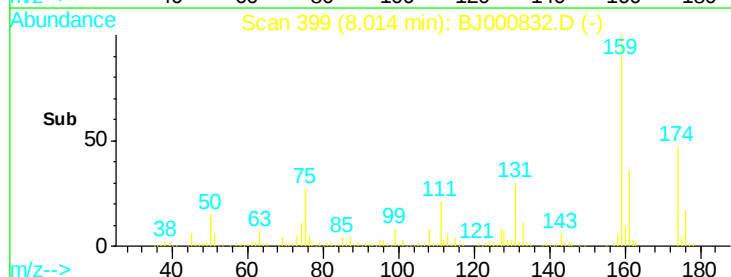
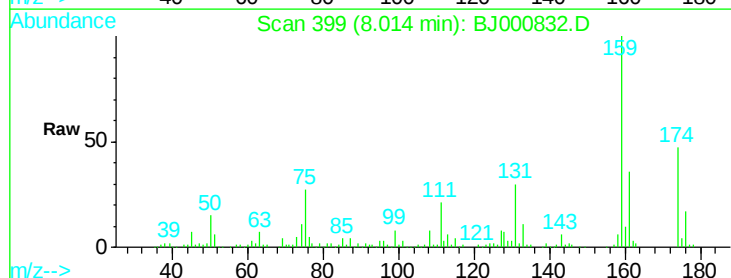
Ion	Ratio	Lower	Upper
158	100		
143	50.5	32.7	72.7
108	33.7	18.7	58.7
45	9.4	0.0	31.9

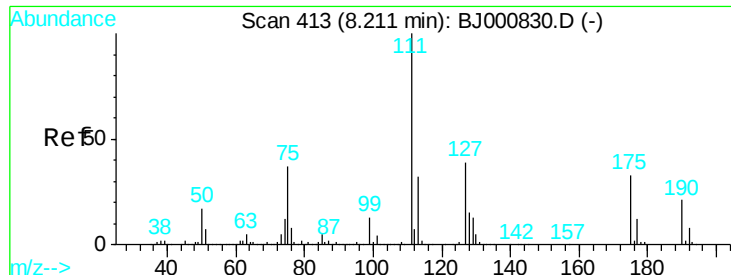


#13
p-Chlorophenylmethylsulfoxide
Concen: 11.81 ug/mL
RT: 8.01 min Scan# 399
Delta R.T. 0.00 min
Lab File: BJ000832.D
Acq: 27 Apr 2012 20:43

Tgt Ion:159 Resp: 1074793

Ion	Ratio	Lower	Upper
159	100		
174	47.2	28.0	68.0
108	9.2	0.0	28.5
50	15.7	0.0	36.1





#14
 p-Chlorophenylmethylsulfone
 Concen: 10.68 ug/mL
 RT: 8.21 min Scan# 413
 Delta R.T. 0.00 min
 Lab File: BJ000832.D
 Acq: 27 Apr 2012 20:43

Tgt Ion:111 Resp: 1432679

Ion	Ratio	Lower	Upper
111	100		
75	35.1	18.5	58.5
127	41.2	19.3	59.3
190	27.5	0.9	40.9

