

Data File : H:\VOL1\GCMSDATA\J\120427\BJ000842.D
 Acq On : 27 Apr 2012 23:43
 Sample : PB62635BSD
 Misc : WATER BNA J HLM
 MS Integration Params: rteint.p
 Quant Time: Apr 30 10:31 2012

Vial: 21
 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	4.73	152	242572	2.00	ug/mL	-0.02
6) Naphthalene-d8	6.04	136	986438	2.00	ug/mL	-0.01

System Monitoring Compounds

10) Tripropylphosphate	7.09	99	192042	0.57	ug/mL	0.00
Spiked Amount	0.500	Range	70 - 130	Recovery	=	114.00%
12) 2-Bromothioanisole	7.33	204	320848	4.96	ug/mL	-0.01
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.20%

Target Compounds

	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dimethyl Disulfide	2.78	94	357709	4.00	ug/mL#	69
3) DMMP	3.63	79	121020	1.59	ug/mL	91
4) DIMP	5.04	97	397222	1.86	ug/mL	92
5) 1,4-Oxathiane	3.75	46	316862	3.68	ug/mL#	48
7) 1,4-Dithiane	5.18	46	293291	4.50	ug/mL#	83
8) Thiodiglycol	5.94	61	2429012	37.22	ug/mL	98
9) Benzothiazole	6.32	135	2523868	10.28	ug/mL	93
11) p-Chlorophenylmethyldisulfide	6.58	158	1607319	9.46	ug/mL	98
13) p-Chlorophenylmethyldisulfox	8.02	159	774294	8.17	ug/mL	95
14) p-Chlorophenylmethyldisulfon	8.20	111	1442168	10.32	ug/mL	98

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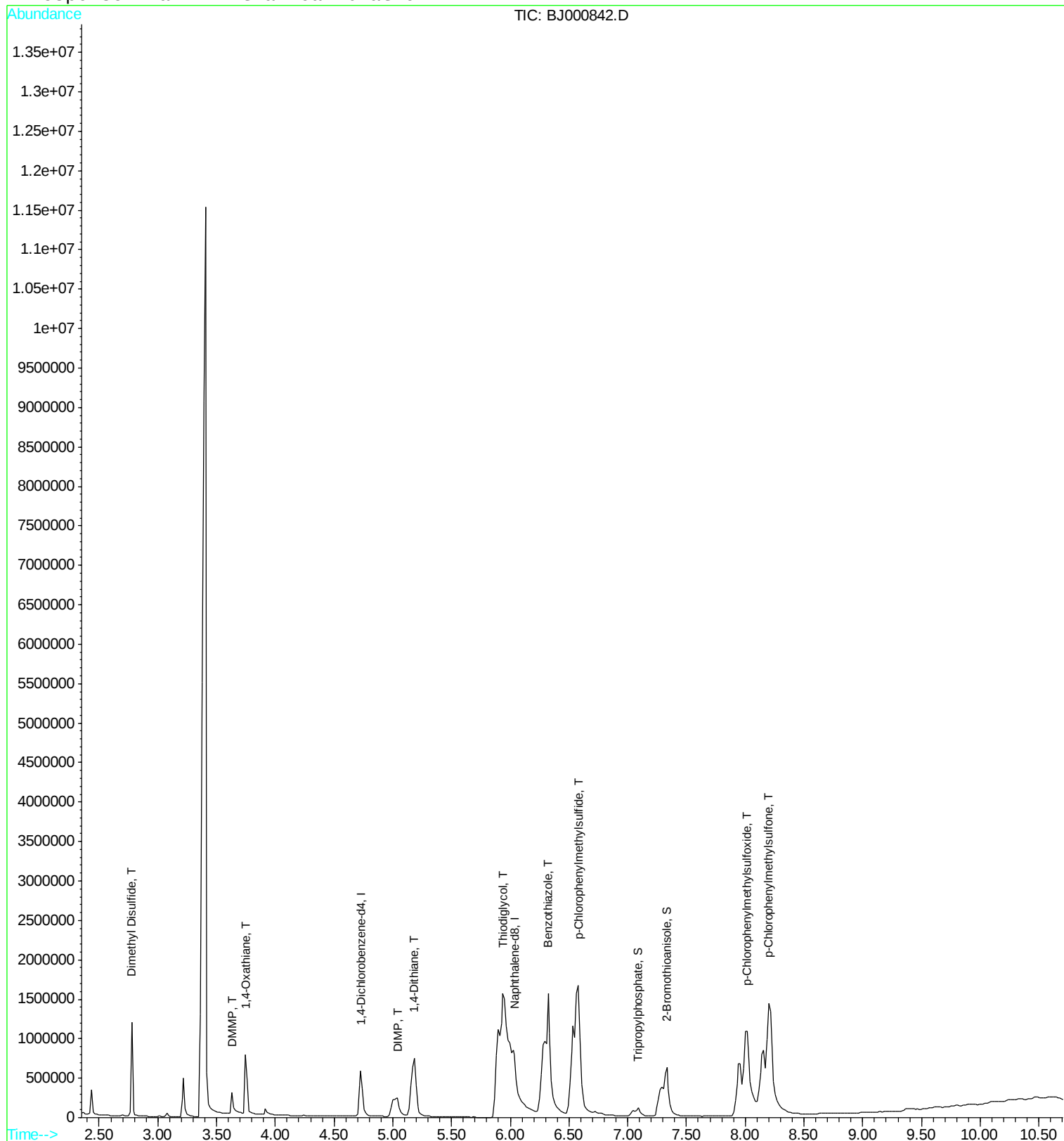
Quant Results File: BJ042612.RES

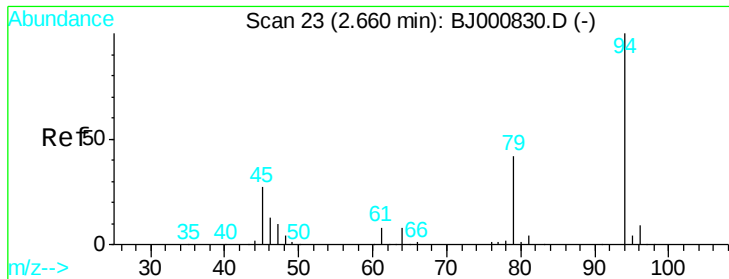
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Response via : Initial Calibration





#2

Dimethyl Disulfide

Concen: 4.00 ug/mL

RT: 2.78 min Scan# 31

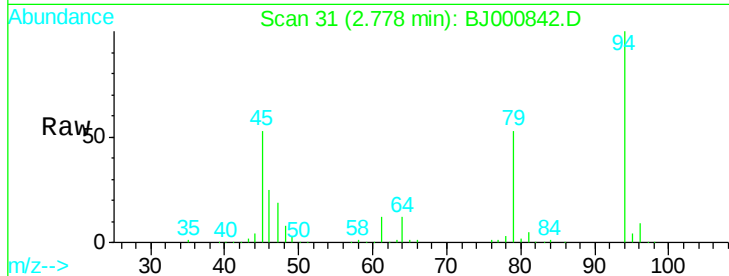
Delta R.T. 0.12 min

Lab File: BJ000842.D

Acq: 27 Apr 2012 23:43

Tgt Ion: 94 Resp: 357709

Ion	Ratio	Lower	Upper
94	100		
45	53.3	7.2	47.2#
79	53.5	21.6	61.6

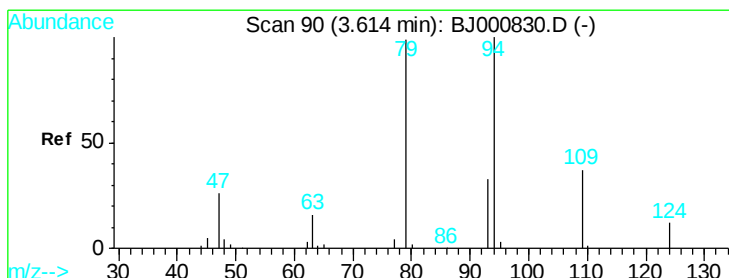
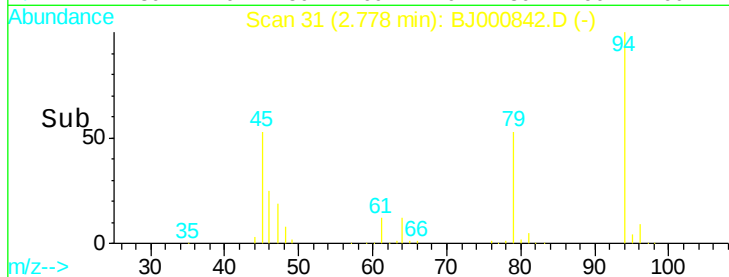
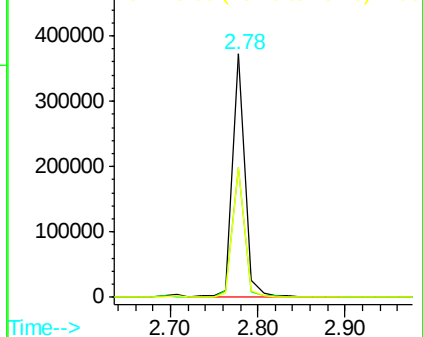


Abundance

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: 1.59 ug/mL

RT: 3.63 min Scan# 91

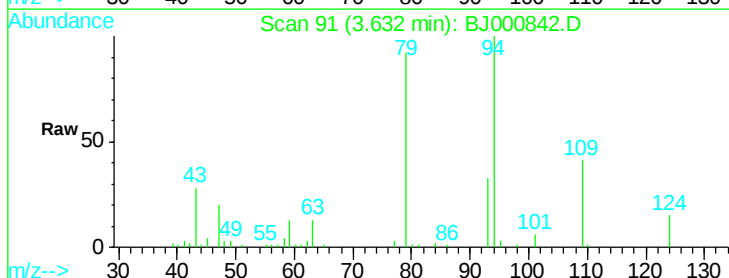
Delta R.T. 0.02 min

Lab File: BJ000842.D

Acq: 27 Apr 2012 23:43

Tgt Ion: 79 Resp: 121020

Ion	Ratio	Lower	Upper
79	100		
94	108.6	80.8	120.8
109	44.5	17.5	57.5

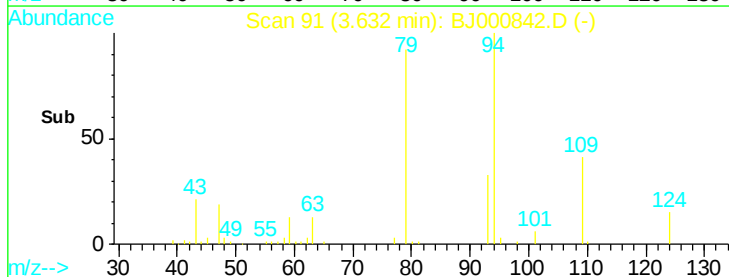
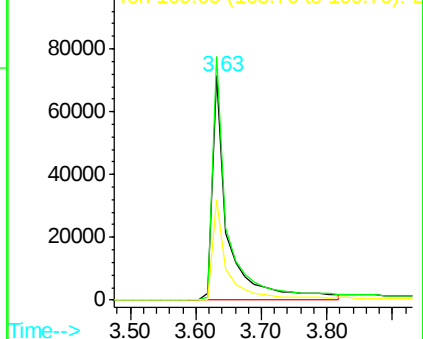


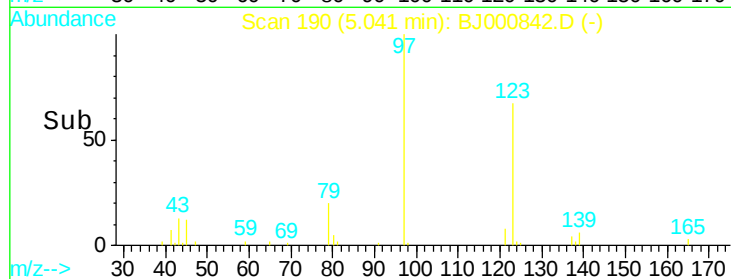
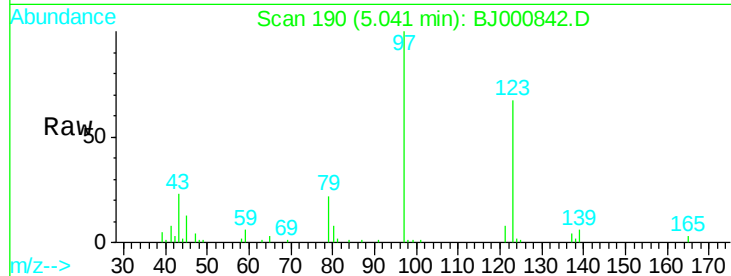
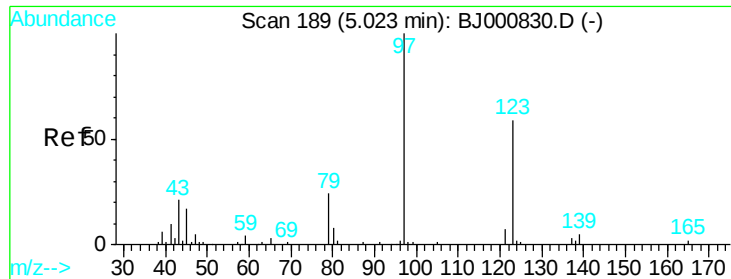
Abundance

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: 1.86 ug/mL

RT: 5.04 min Scan# 190

Delta R.T. 0.02 min

Lab File: BJ000842.D

Acq: 27 Apr 2012 23:43

Tgt Ion: 97 Resp: 397222

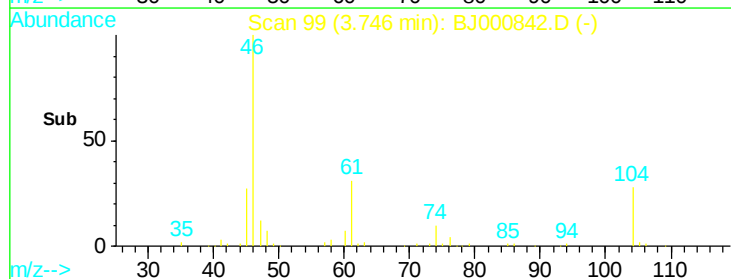
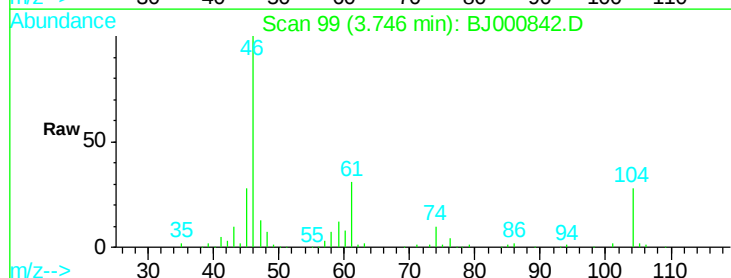
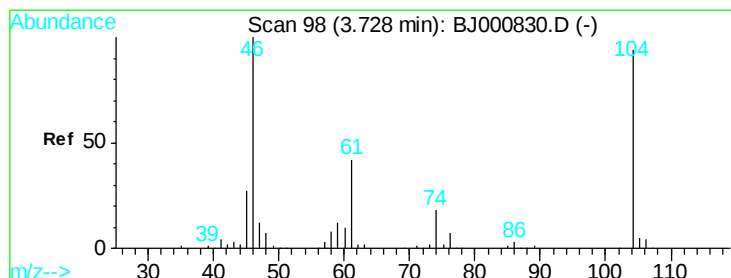
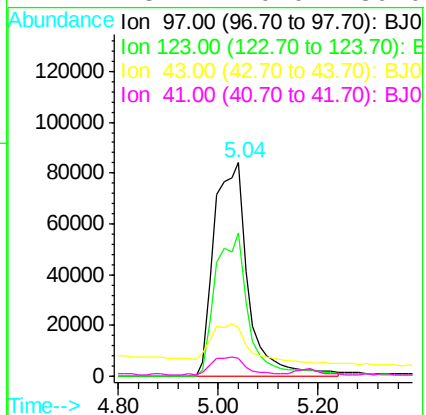
Ion Ratio Lower Upper

97 100

123 67.0 39.1 79.1

43 22.8 0.9 40.9

41 8.4 0.0 30.0



#5

1,4-Oxathiane

Concen: 3.68 ug/mL

RT: 3.75 min Scan# 99

Delta R.T. 0.02 min

Lab File: BJ000842.D

Acq: 27 Apr 2012 23:43

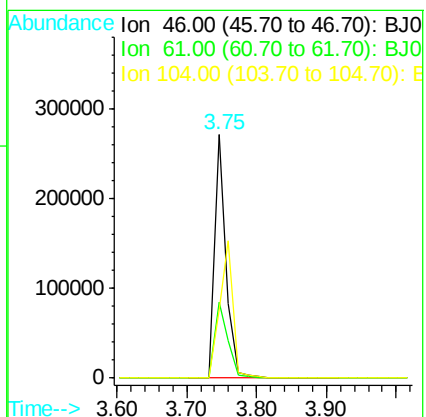
Tgt Ion: 46 Resp: 316862

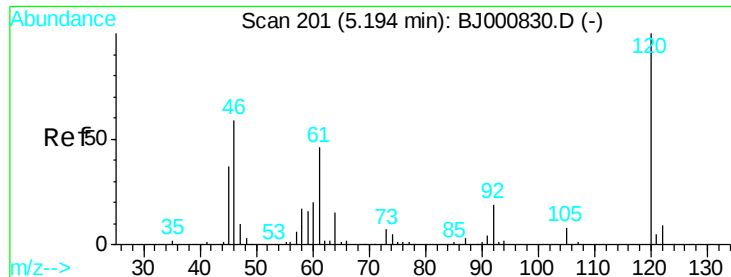
Ion Ratio Lower Upper

46 100

61 31.3 22.0 62.0

104 28.2 73.6 113.6#





#7

1,4-Dithiane

Concen: 4.50 ug/mL

RT: 5.18 min Scan# 200

Delta R.T. -0.01 min

Lab File: BJ000842.D

Acq: 27 Apr 2012 23:43

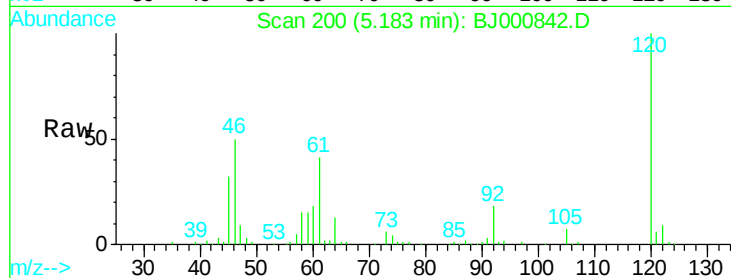
Tgt Ion: 46 Resp: 293291

Ion Ratio Lower Upper

46 100

61 81.1 56.7 96.7

120 200.0 148.6 188.6#

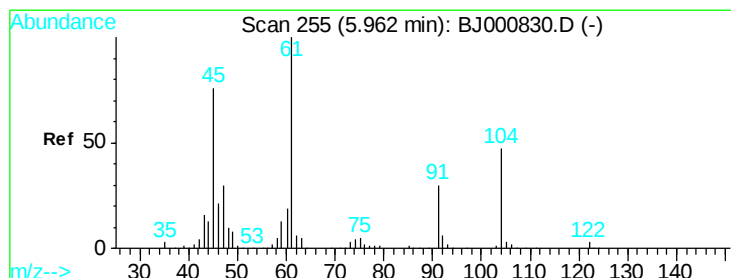
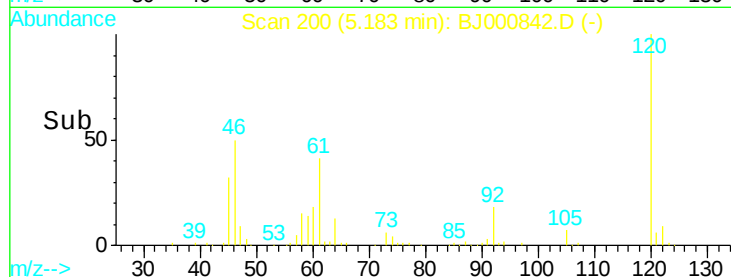
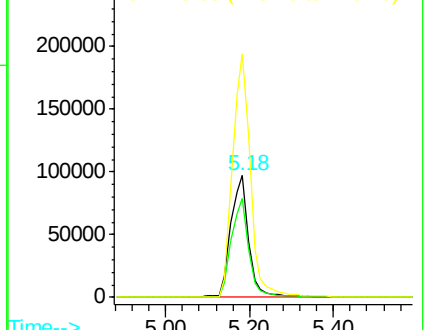


Abundance

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: 37.22 ug/mL

RT: 5.94 min Scan# 253

Delta R.T. -0.02 min

Lab File: BJ000842.D

Acq: 27 Apr 2012 23:43

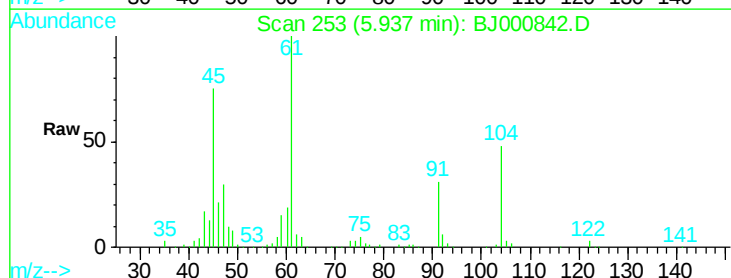
Tgt Ion: 61 Resp: 2429012

Ion Ratio Lower Upper

61 100

45 74.7 56.4 96.4

47 29.6 10.1 50.1

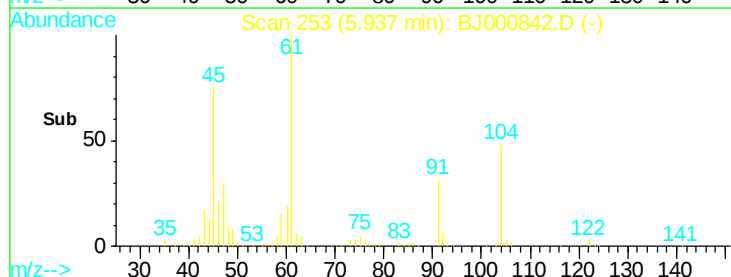
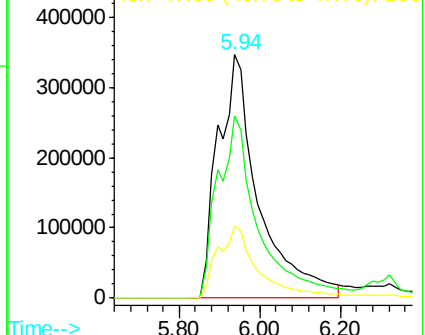


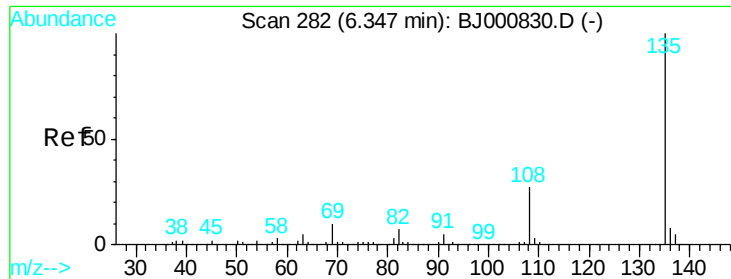
Abundance

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: 10.28 ug/mL

RT: 6.32 min Scan# 280

Delta R.T. -0.02 min

Lab File: BJ000842.D

Acq: 27 Apr 2012 23:43

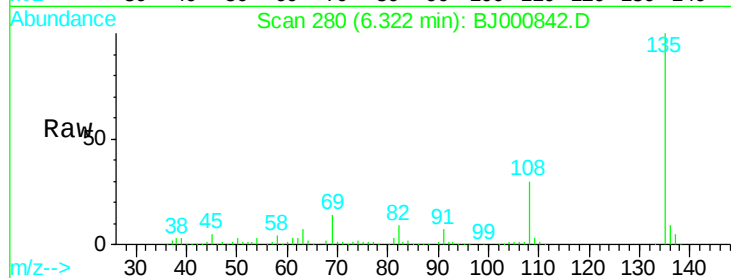
Tgt Ion:135 Resp: 2523868

Ion Ratio Lower Upper

135 100

108 30.0 7.0 47.0

69 13.8 0.0 30.4

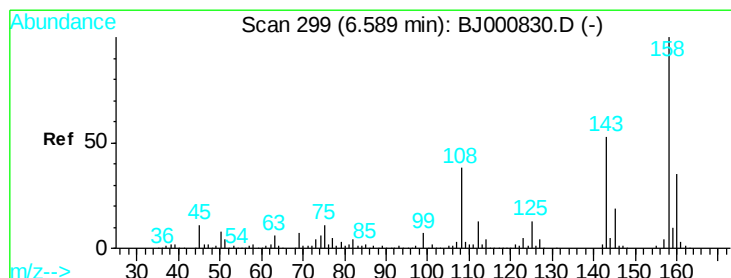
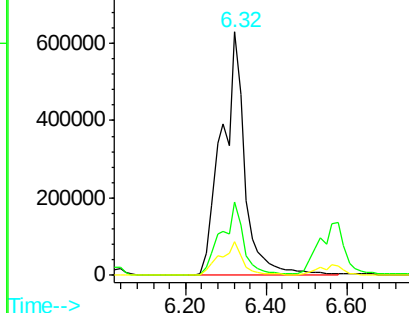
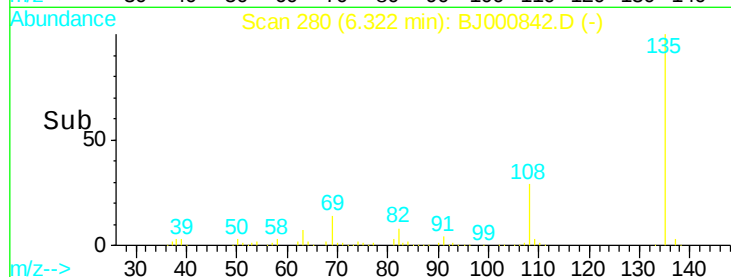


Abundance

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: 9.46 ug/mL

RT: 6.58 min Scan# 298

Delta R.T. -0.01 min

Lab File: BJ000842.D

Acq: 27 Apr 2012 23:43

Tgt Ion:158 Resp: 1607319

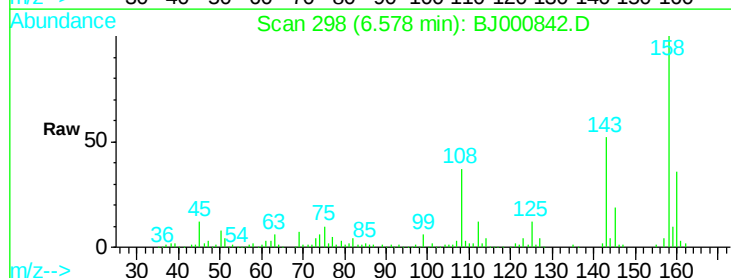
Ion Ratio Lower Upper

158 100

143 51.5 32.7 72.7

108 36.8 18.7 58.7

45 12.5 0.0 31.9



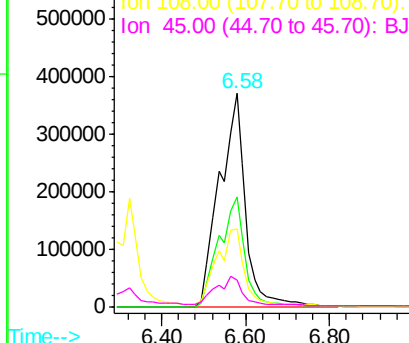
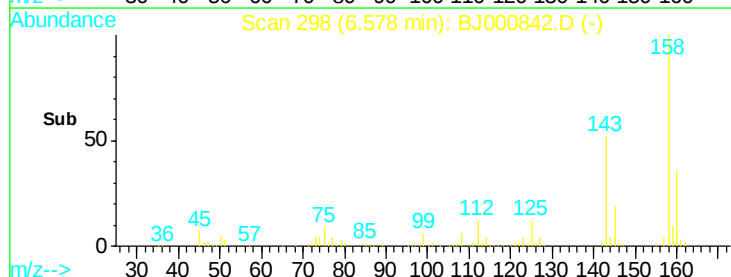
Abundance

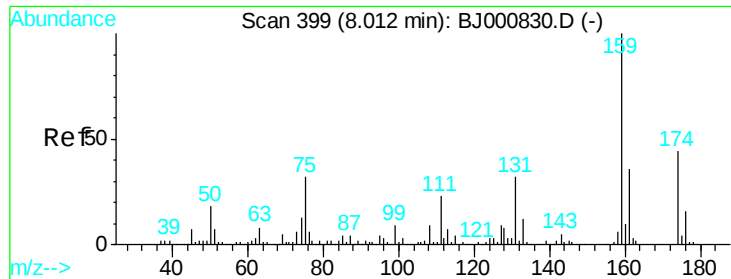
Ion 158.00 (157.70 to 158.70): E

Ion 143.00 (142.70 to 143.70): E

Ion 108.00 (107.70 to 108.70): E

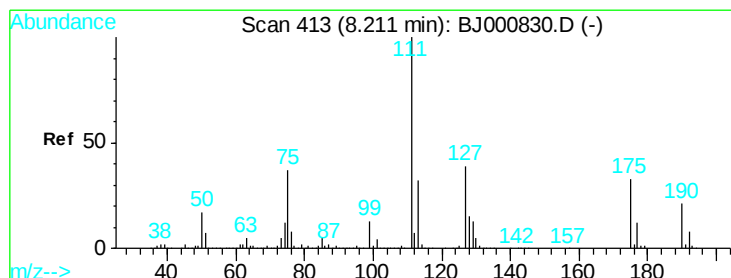
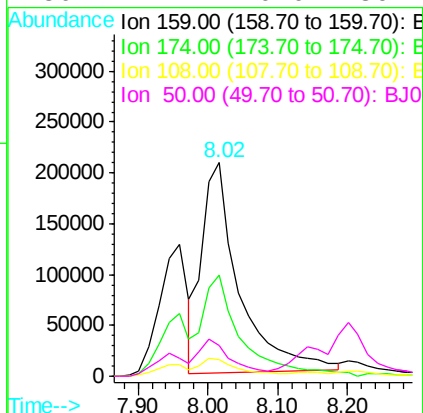
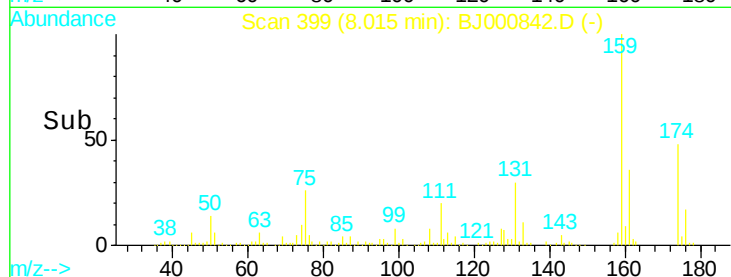
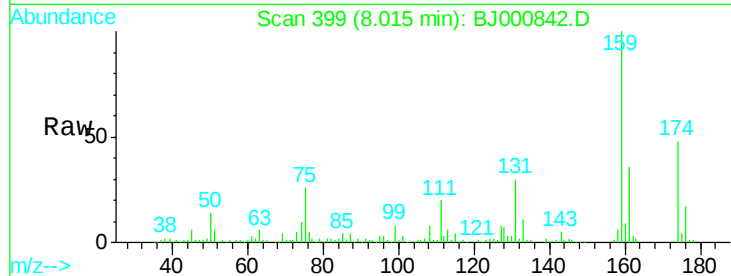
Ion 45.00 (44.70 to 45.70): BJ0





#13
p-Chlorophenylmethylsulfoxide
Concen: 8.17 ug/mL
RT: 8.02 min Scan# 399
Delta R.T. 0.00 min
Lab File: BJ000842.D
Acq: 27 Apr 2012 23:43

Tgt Ion:	159	Resp:	774294
Ion	Ratio	Lower	Upper
159	100		
174	50.1	28.0	68.0
108	7.7	0.0	28.5
50	11.7	0.0	36.1



#14
p-Chlorophenylmethylsulfone
Concen: 10.32 ug/mL
RT: 8.20 min Scan# 412
Delta R.T. -0.01 min
Lab File: BJ000842.D
Acq: 27 Apr 2012 23:43

Tgt Ion:	111	Resp:	1442168
Ion	Ratio	Lower	Upper
111	100		
75	38.3	18.5	58.5
127	39.8	19.3	59.3
190	25.3	0.9	40.9

