

Data File : H:\VOL1\GCMSDATA\J\120608\BJ000935.D

Vial: 7

Acq On : 8 Jun 2012 14:38

Operator: HLM

Sample : CWA-1

Inst : BNA J

Misc : BNA J HLM

Multiplr: 1.00

MS Integration Params: rteint.p

Quant Time: Jun 8 15:34 2012

Quant Results File: BJ060812.RES

Quant Method : H:\VOL1\GCMSDATA\J\METHODS\BJ060812.M (RTE Integrator)

Title : CWA degradation products by GCMS

Last Update : Fri Jun 08 15:35:00 2012

Response via : Initial Calibration

DataAcq Meth : CWAJ

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.71	152	242211	2.00	ug/mL	0.00
6) Naphthalene-d8	6.00	136	1023150	2.00	ug/mL	0.00

System Monitoring Compounds

10) Tripropylphosphate	7.04	99	34713	0.10	ug/mL	0.00
Spiked Amount	0.500	Range	70 - 130	Recovery	=	20.00%#
12) 2-Bromothioanisole	7.30	204	32468	0.48	ug/mL	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	9.60%#

Target Compounds

	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dimethyl Disulfide	2.66	94	19730	0.22	ug/mL#	43
3) DMMP	3.58	79	4978	0.17	ug/mL	92
4) DIMP	4.98	97	17387	0.09	ug/mL	90
5) 1,4-Oxathiane	3.68	46	19659	0.23	ug/mL	97
7) 1,4-Dithiane	5.16	46	16664	0.25	ug/mL	96
8) Thiodiglycol	5.96	61	49059	2.41	ug/mL#	69
9) Benzothiazole	6.30	135	135134	0.53	ug/mL	91
11) p-Chlorophenylmethyldisulfide	6.54	158	84870	0.48	ug/mL	88
13) p-Chlorophenylmethyldisulfox	7.98	159	40751	0.41	ug/mL	92
14) p-Chlorophenylmethyldisulfon	8.17	111	71571	0.49	ug/mL	98

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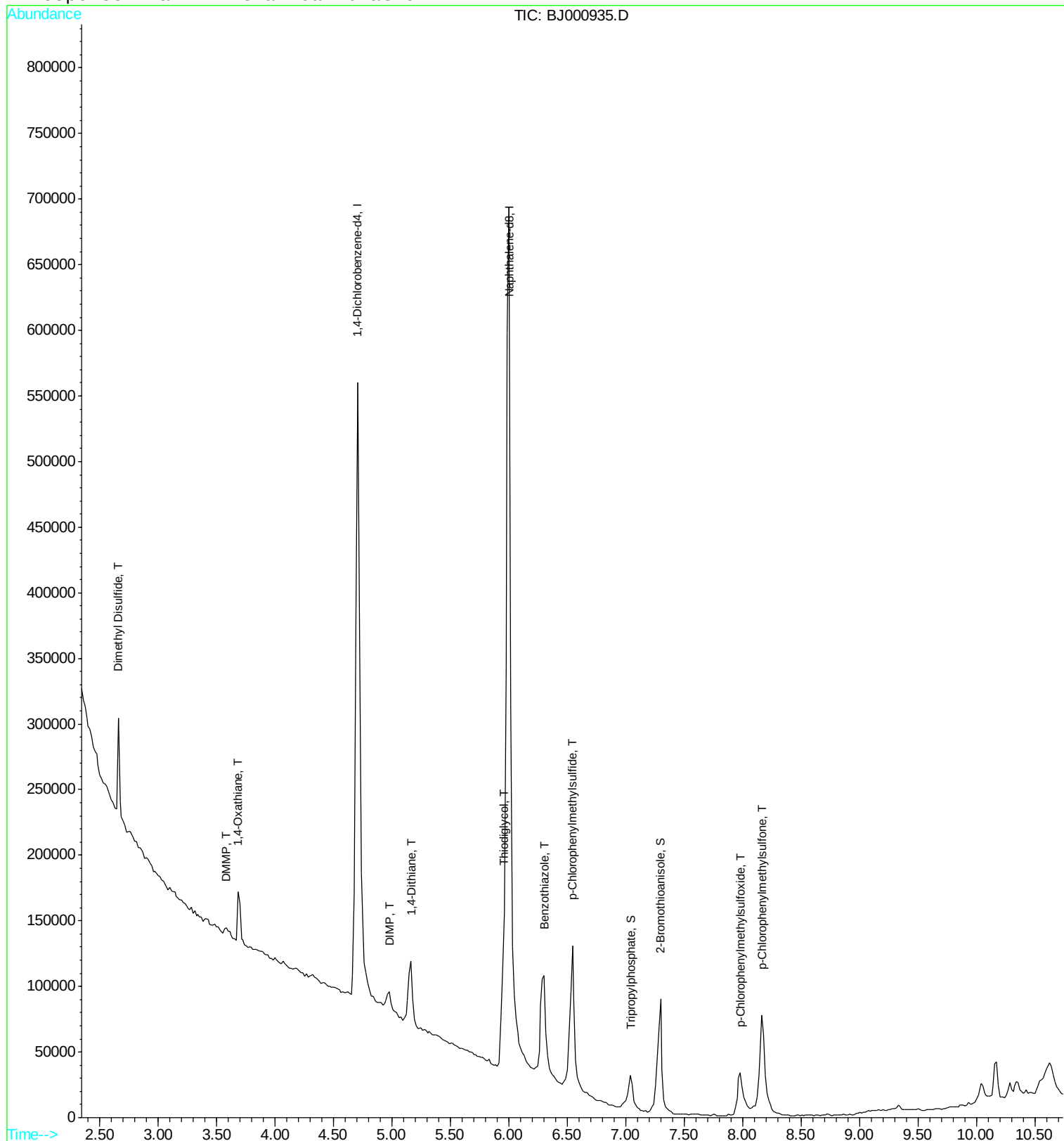
Quant Results File: BJ060812.RES

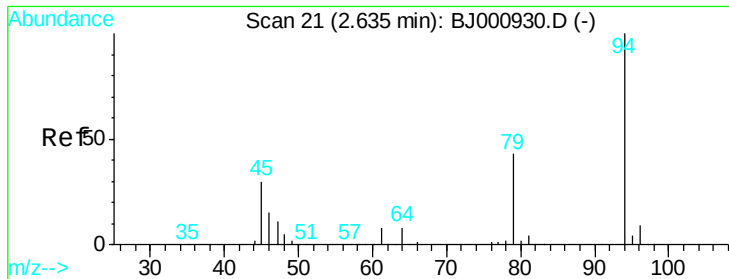
Method : H:\VOL1\GCMSDATA\J\METHODS\BJ060812.M (RTE Integrator)

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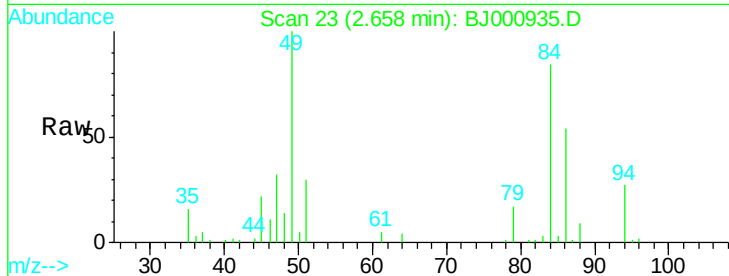




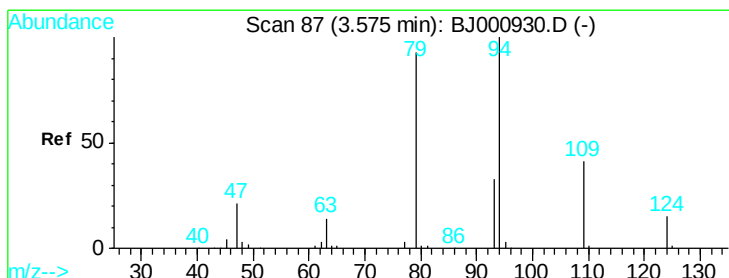
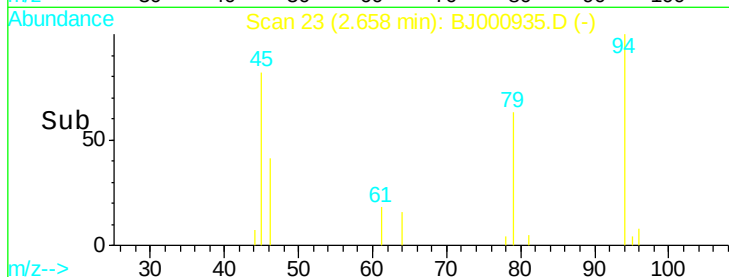
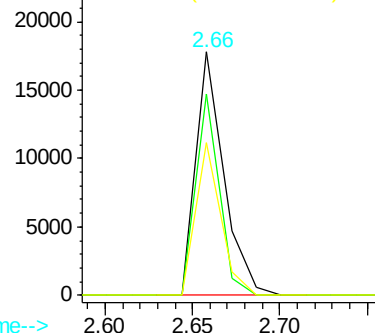
#2

Dimethyl Disulfide
 Concen: 0.22 ug/mL
 RT: 2.66 min Scan# 23
 Delta R.T. 0.02 min
 Lab File: BJ000935.D
 Acq: 8 Jun 2012 14:38

Tgt Ion: 94 Resp: 19730
 Ion Ratio Lower Upper
 94 100
 45 82.5 11.1 51.1#
 79 62.9 22.9 62.9#



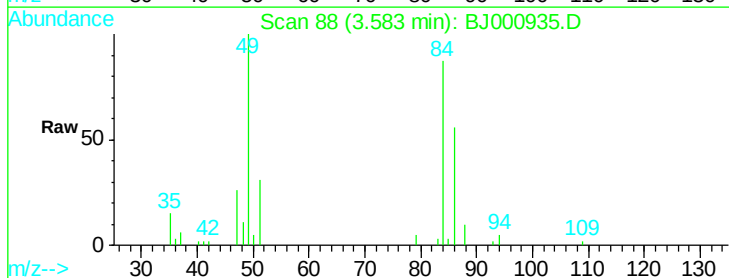
Abundance Ion 94.00 (93.70 to 94.70): BJ0
 Ion 45.00 (44.70 to 45.70): BJ0
 Ion 79.00 (78.70 to 79.70): BJ0



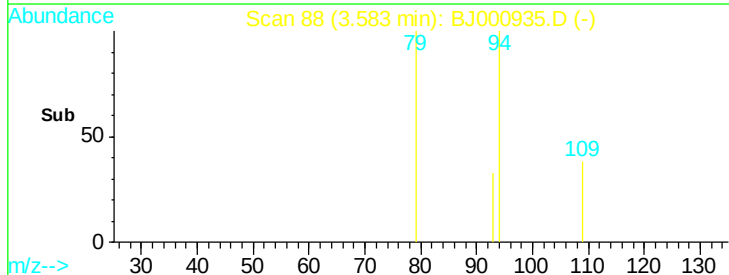
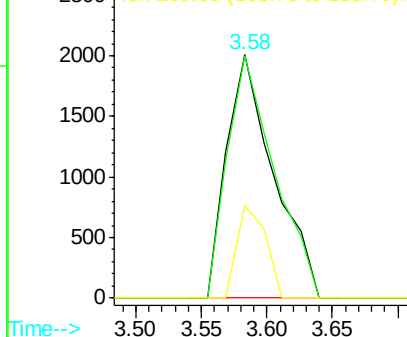
#3

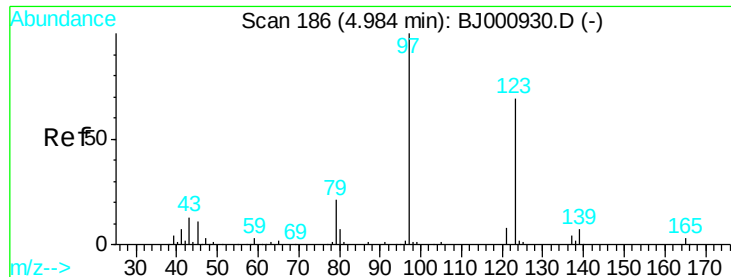
DMMP
 Concen: 0.17 ug/mL
 RT: 3.58 min Scan# 88
 Delta R.T. 0.01 min
 Lab File: BJ000935.D
 Acq: 8 Jun 2012 14:38

Tgt Ion: 79 Resp: 4978
 Ion Ratio Lower Upper
 79 100
 94 99.8 87.0 127.0
 109 38.1 24.1 64.1



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: 0.09 ug/mL

RT: 4.98 min Scan# 186

Delta R.T. -0.01 min

Lab File: BJ000935.D

Acq: 8 Jun 2012 14:38

Tgt Ion: 97 Resp: 17387

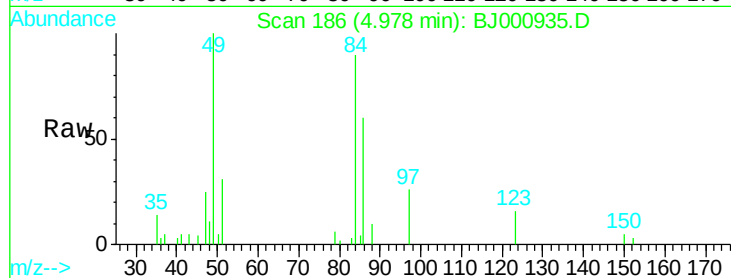
Ion Ratio Lower Upper

97 100

123 63.9 49.1 89.1

43 18.3 0.0 33.2

41 19.7 0.0 26.5

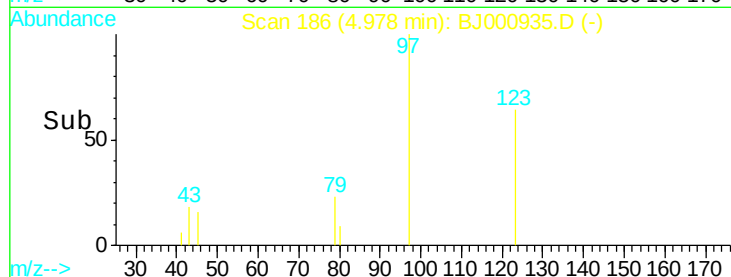


Abundance Ion 97.00 (96.70 to 97.70): BJ0

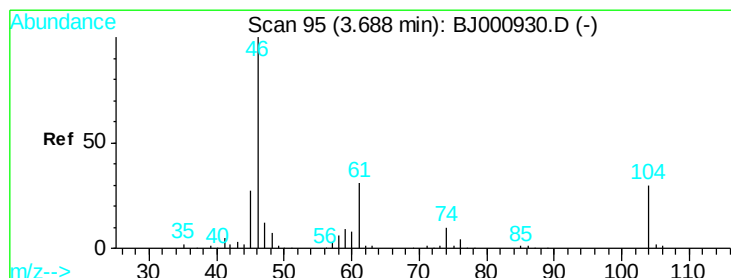
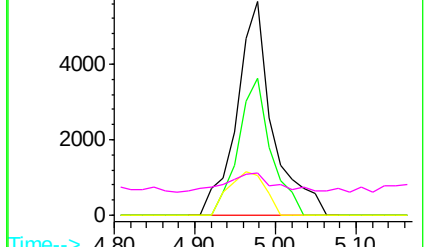
Ion 123.00 (122.70 to 123.70): BJ0

Ion 43.00 (42.70 to 43.70): BJ0

Ion 41.00 (40.70 to 41.70): BJ0



Time--> 4.80 4.90 5.00 5.10



#5

1,4-Oxathiane

Concen: 0.23 ug/mL

RT: 3.68 min Scan# 95

Delta R.T. -0.01 min

Lab File: BJ000935.D

Acq: 8 Jun 2012 14:38

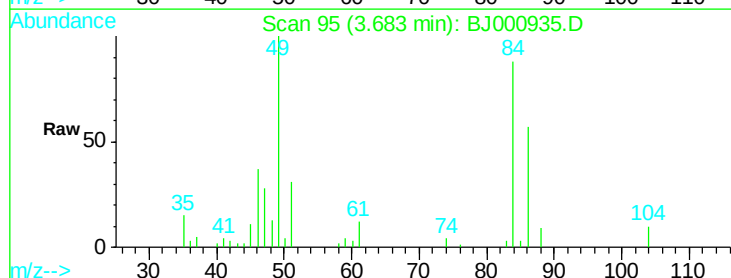
Tgt Ion: 46 Resp: 19659

Ion Ratio Lower Upper

46 100

61 31.9 11.2 51.2

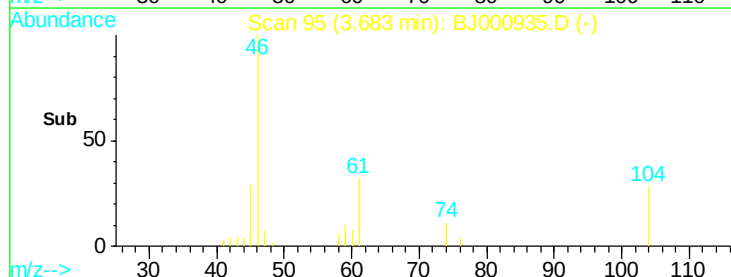
104 27.6 10.0 50.0



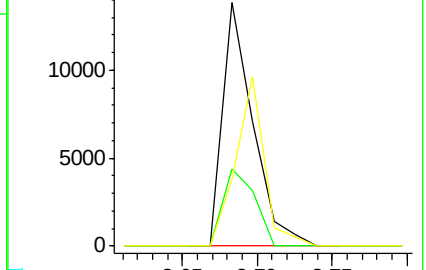
Abundance Ion 46.00 (45.70 to 46.70): BJ0

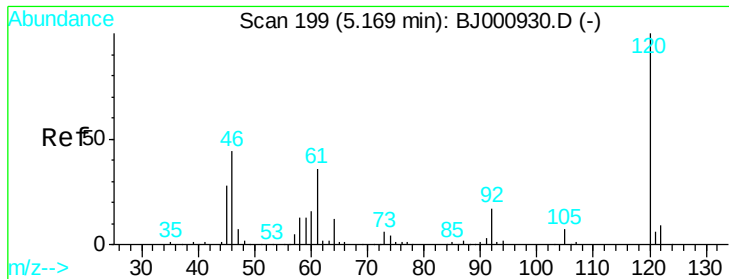
Ion 61.00 (60.70 to 61.70): BJ0

Ion 104.00 (103.70 to 104.70): BJ0



Time--> 3.65 3.70 3.75





#7

1,4-Dithiane

Concen: 0.25 ug/mL

RT: 5.16 min Scan# 199

Delta R.T. -0.01 min

Lab File: BJ000935.D

Acq: 8 Jun 2012 14:38

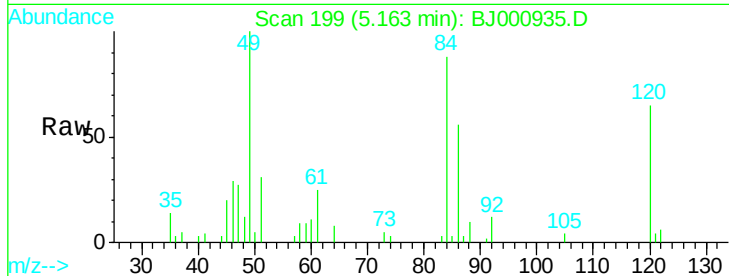
Tgt Ion: 46 Resp: 16664

Ion Ratio Lower Upper

46 100

61 85.0 61.9 101.9

120 221.7 208.1 248.1

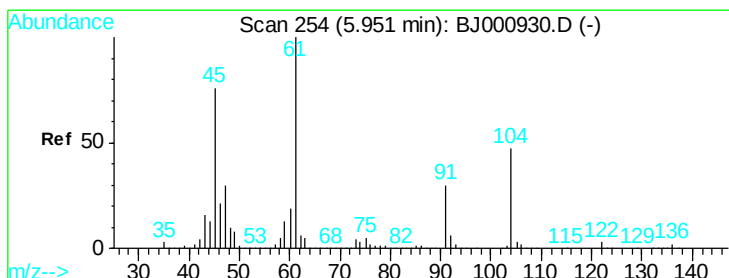
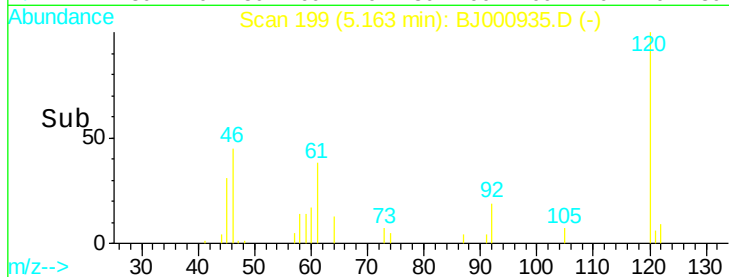
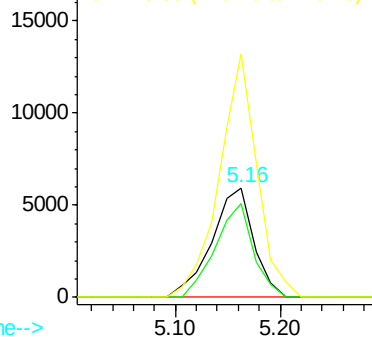


Abundance

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: 2.41 ug/mL

RT: 5.96 min Scan# 255

Delta R.T. 0.01 min

Lab File: BJ000935.D

Acq: 8 Jun 2012 14:38

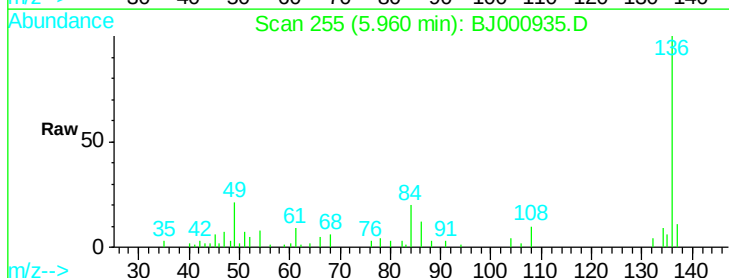
Tgt Ion: 61 Resp: 49059

Ion Ratio Lower Upper

61 100

45 70.3 56.3 96.3

47 79.9 10.1 50.1#

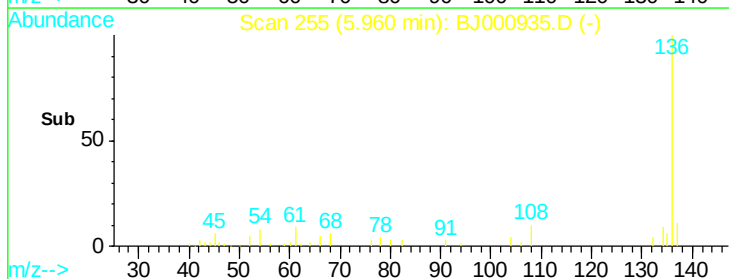
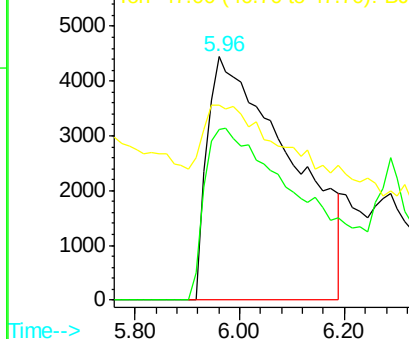


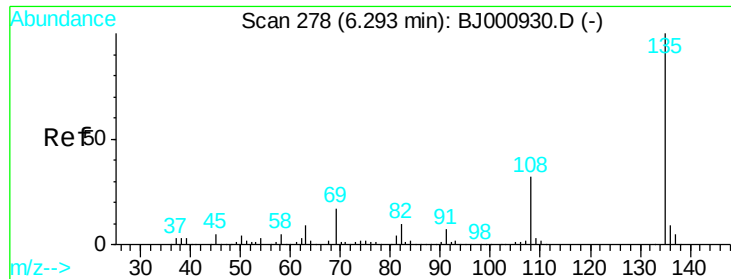
Abundance

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: 0.53 ug/mL

RT: 6.30 min Scan# 279

Delta R.T. 0.01 min

Lab File: BJ000935.D

Acq: 8 Jun 2012 14:38

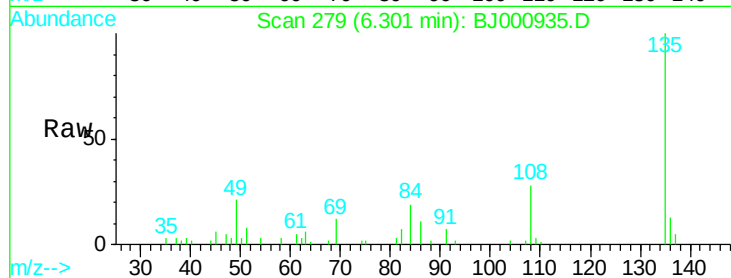
Tgt Ion:135 Resp: 135134

Ion Ratio Lower Upper

135 100

108 27.9 12.0 52.0

69 11.7 0.0 36.6

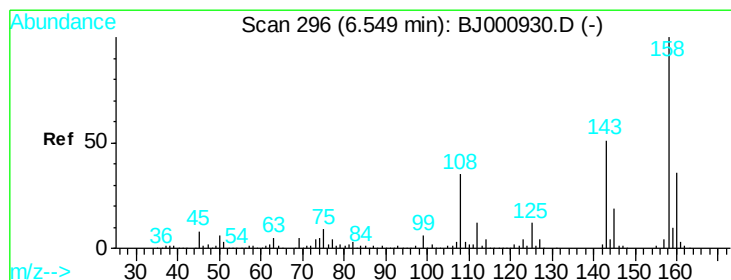
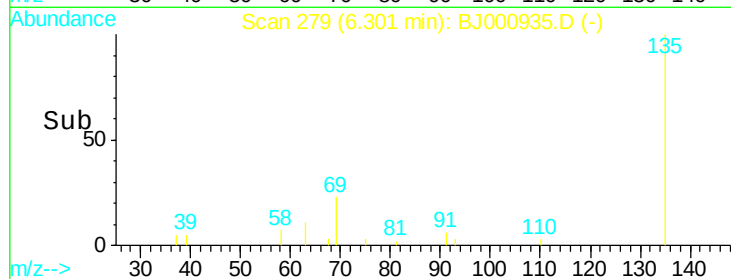
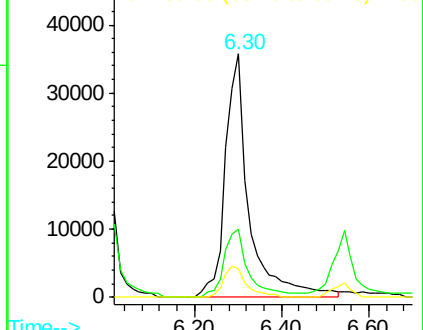


Abundance

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: 0.48 ug/mL

RT: 6.54 min Scan# 296

Delta R.T. -0.01 min

Lab File: BJ000935.D

Acq: 8 Jun 2012 14:38

Tgt Ion:158 Resp: 84870

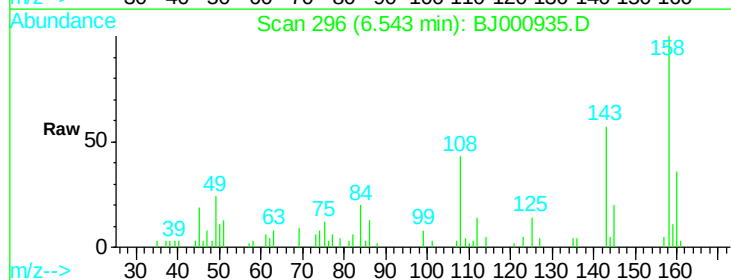
Ion Ratio Lower Upper

158 100

143 56.6 31.3 71.3

108 42.8 14.9 54.9

45 18.7 0.0 28.5



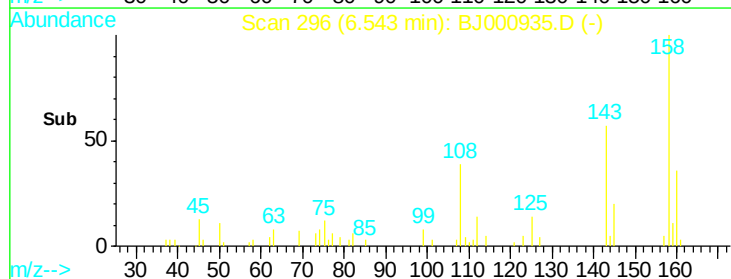
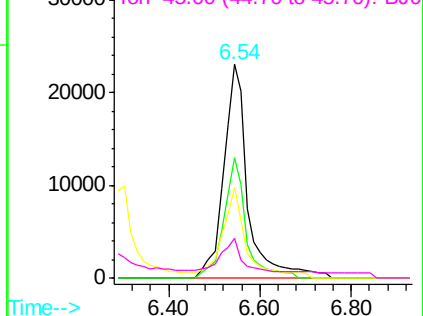
Abundance

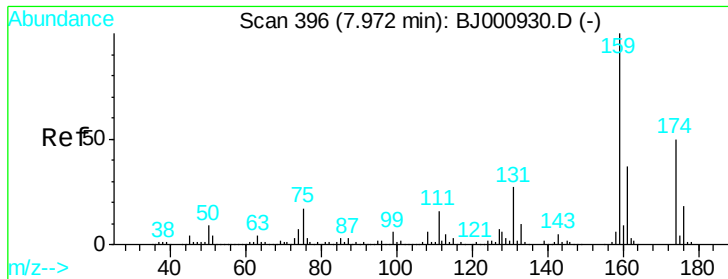
Ion 158.00 (157.70 to 158.70): E

Ion 143.00 (142.70 to 143.70): E

Ion 108.00 (107.70 to 108.70): E

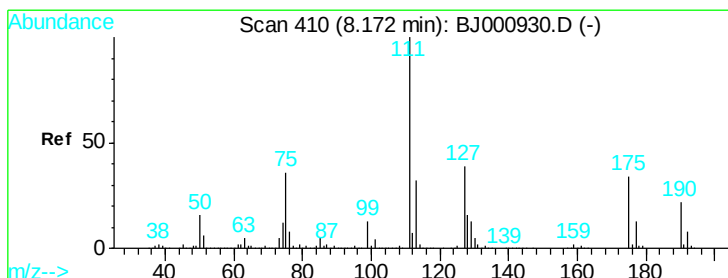
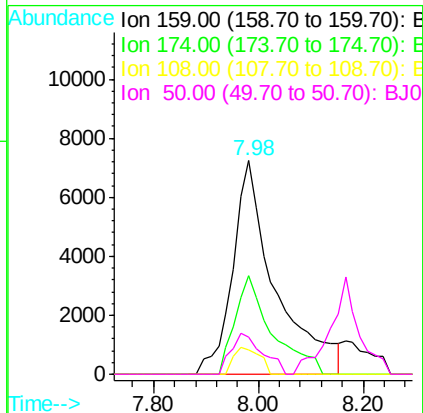
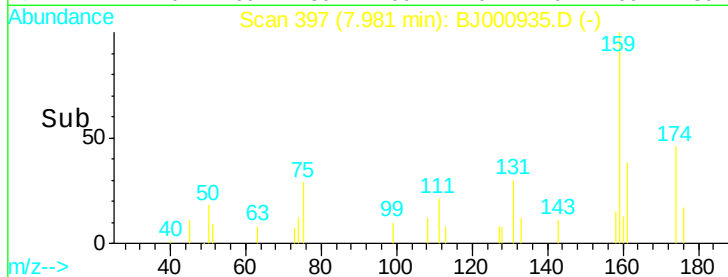
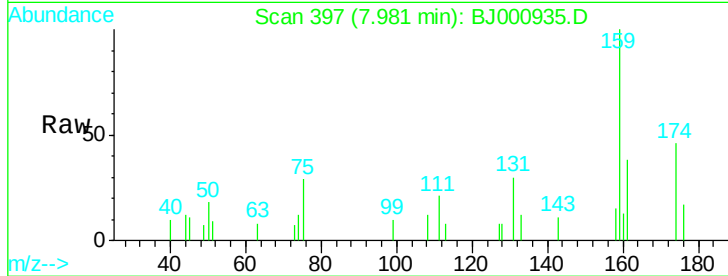
Ion 45.00 (44.70 to 45.70): BJ0





#13
p-Chlorophenylmethylsulfoxide
Concen: 0.41 ug/mL
RT: 7.98 min Scan# 397
Delta R.T. 0.01 min
Lab File: BJ000935.D
Acq: 8 Jun 2012 14:38

Tgt Ion:	159	Resp:	40751
Ion	Ratio	Lower	Upper
159	100		
174	40.1	27.0	67.0
108	7.6	0.0	28.3
50	14.1	0.0	36.8



#14
p-Chlorophenylmethylsulfone
Concen: 0.49 ug/mL
RT: 8.17 min Scan# 410
Delta R.T. -0.01 min
Lab File: BJ000935.D
Acq: 8 Jun 2012 14:38

Tgt Ion:	111	Resp:	71571
Ion	Ratio	Lower	Upper
111	100		
75	38.3	16.5	56.5
127	39.6	19.3	59.3
190	20.9	2.0	42.0

