

Data File : H:\VOL1\GCMSDATA\J\120427\BJ000833.D
 Acq On : 27 Apr 2012 21:01
 Sample : PB62691BSD
 Misc : WATER BNA J HLM
 MS Integration Params: rteint.p
 Quant Time: Apr 30 10:30 2012

Vial: 12
 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	217768	2.00	ug/mL	-0.01
6) Naphthalene-d8	6.04	136	850196	2.00	ug/mL	-0.01

System Monitoring Compounds

10) Tripropylphosphate	7.09	99	178055	0.61	ug/mL	0.00
Spiked Amount	0.500	Range	70 - 130	Recovery	=	122.00%
12) 2-Bromothioanisole	7.35	204	310234	5.56	ug/mL	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.20%

Target Compounds

	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dimethyl Disulfide	2.74	94	10024	0.12	ug/mL	80
3) DMMP	3.62	79	159906	2.29	ug/mL	95
4) DIMP	5.01	97	380278	1.98	ug/mL	95
5) 1,4-Oxathiane	3.76	46	384974	4.98	ug/mL#	73
7) 1,4-Dithiane	5.18	46	286675	5.10	ug/mL#	89
8) Thiodiglycol	5.95	61	2046882	36.43	ug/mL	95
9) Benzothiazole	6.34	135	2466536	11.66	ug/mL	95
11) p-Chlorophenylmethyldisulfide	6.59	158	1629151	11.13	ug/mL	94
13) p-Chlorophenylmethyldisulfox	8.02	159	984280	12.05	ug/mL	99
14) p-Chlorophenylmethyldisulfon	8.21	111	1329395	11.04	ug/mL	93

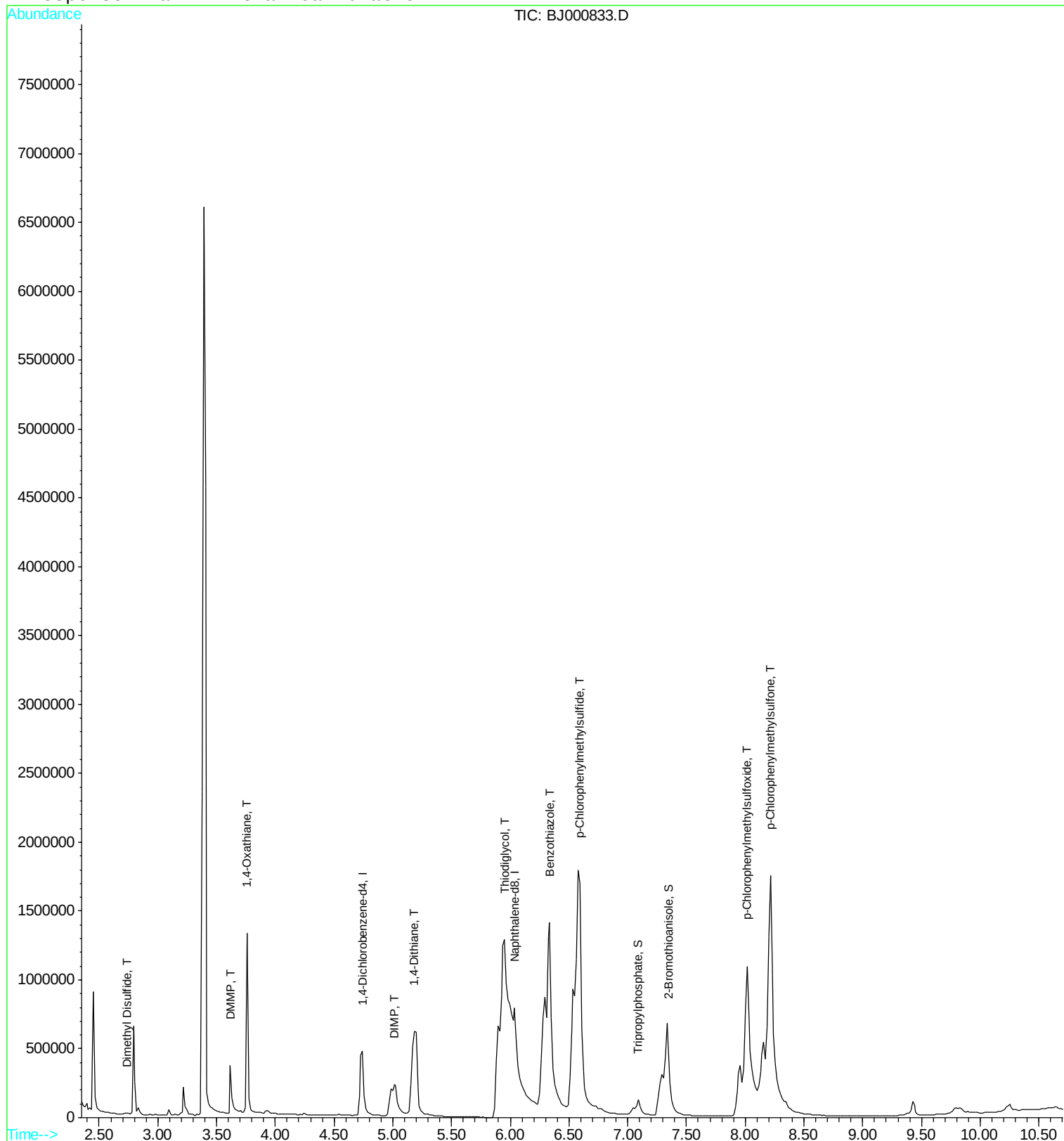
Quantitation Report

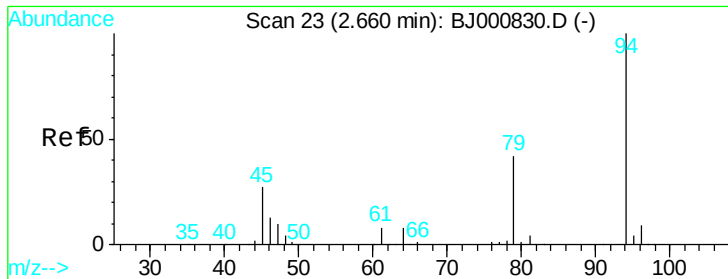
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Title : CWA degradation products by GCMS
Last Update : Mon Apr 30 10:31:38 2012
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#2

Dimethyl Disulfide

Concen: 0.12 ug/mL

RT: 2.74 min Scan# 28

Delta R.T. 0.07 min

Lab File: BJ000833.D

Acq: 27 Apr 2012 21:01

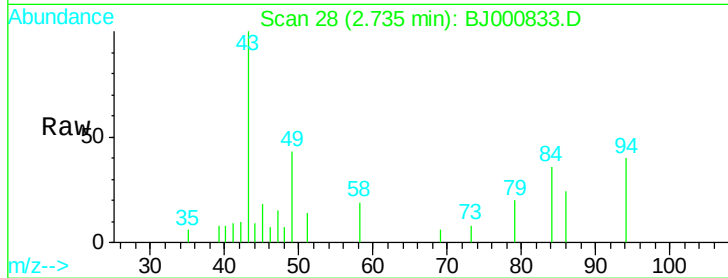
Tgt Ion: 94 Resp: 10024

Ion Ratio Lower Upper

94 100

45 44.3 7.2 47.2

79 49.2 21.6 61.6

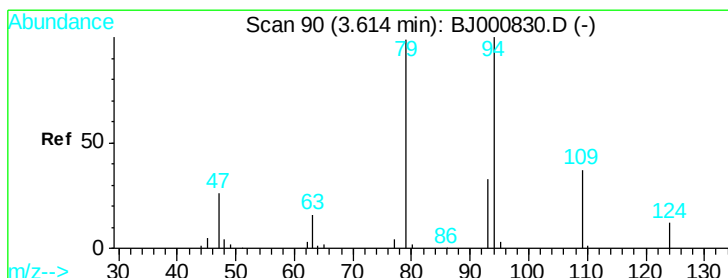
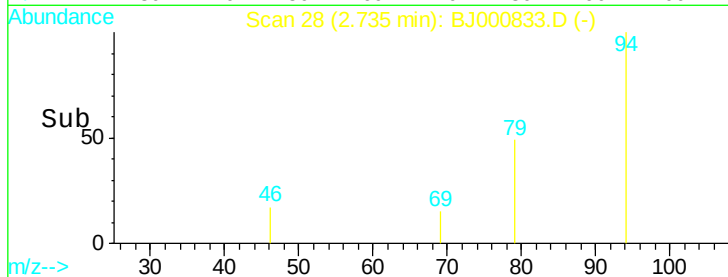
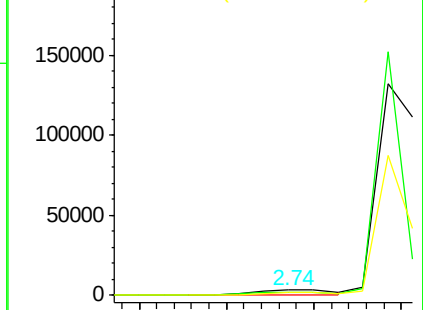


Abundance

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: 2.29 ug/mL

RT: 3.62 min Scan# 90

Delta R.T. 0.00 min

Lab File: BJ000833.D

Acq: 27 Apr 2012 21:01

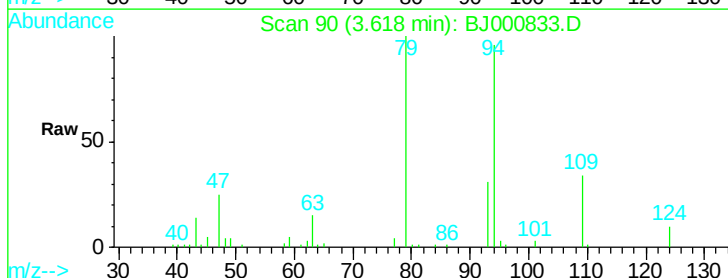
Tgt Ion: 79 Resp: 159906

Ion Ratio Lower Upper

79 100

94 96.2 80.8 120.8

109 34.0 17.5 57.5

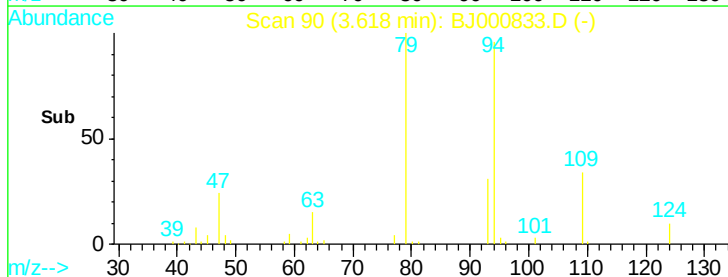
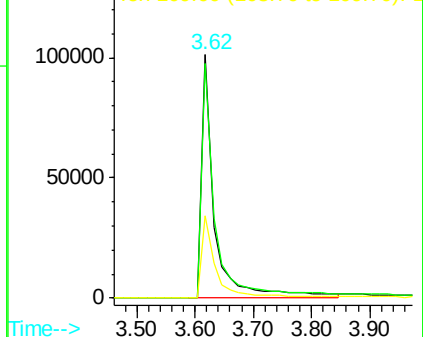


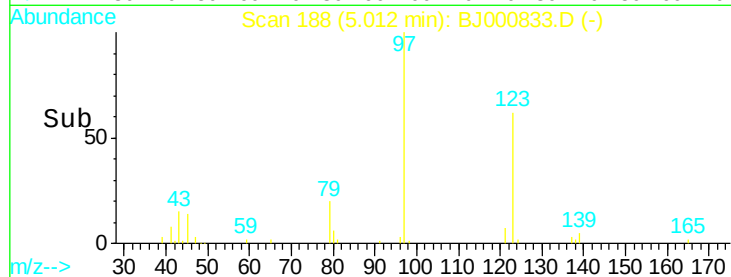
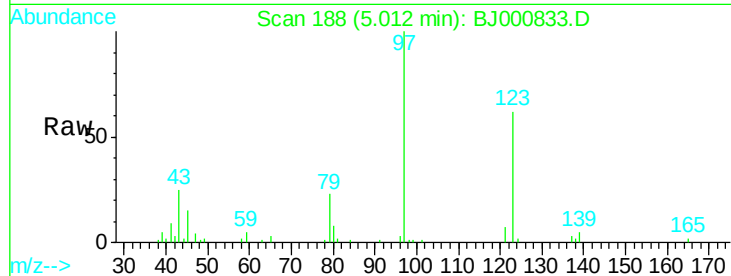
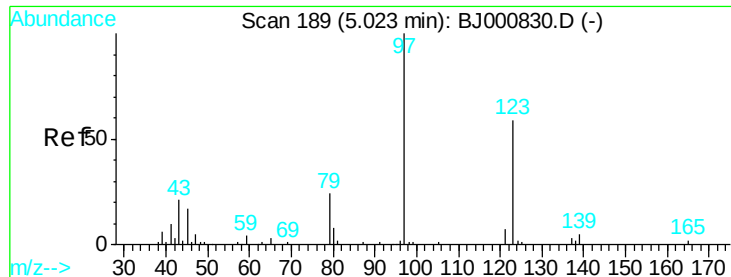
Abundance

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: 1.98 ug/mL

RT: 5.01 min Scan# 188

Delta R.T. -0.01 min

Lab File: BJ000833.D

Acq: 27 Apr 2012 21:01

Tgt Ion: 97 Resp: 380278

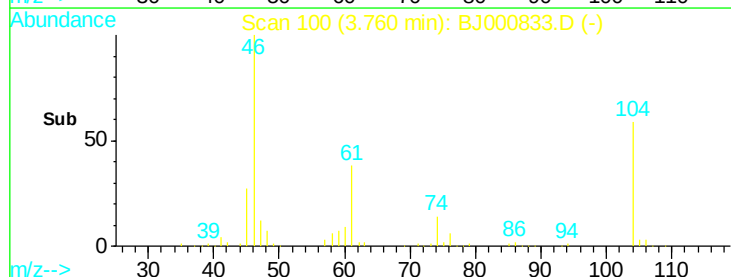
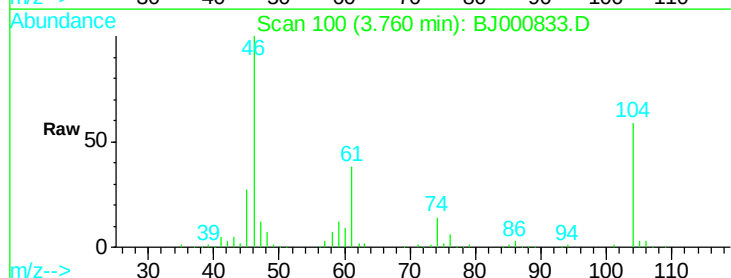
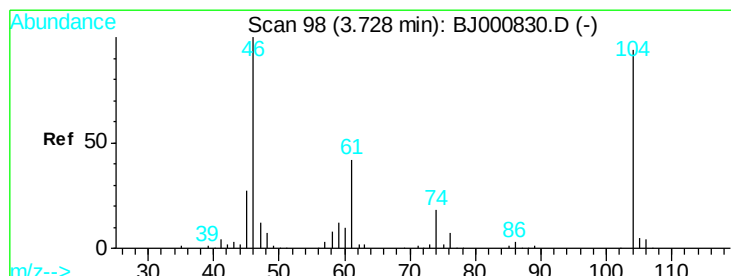
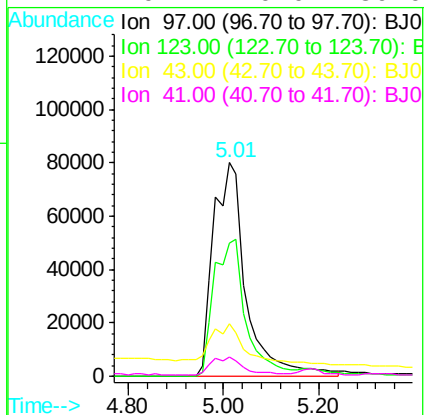
Ion Ratio Lower Upper

97 100

123 62.4 39.1 79.1

43 24.6 0.9 40.9

41 9.1 0.0 30.0



#5

1,4-Oxathiane

Concen: 4.98 ug/mL

RT: 3.76 min Scan# 100

Delta R.T. 0.03 min

Lab File: BJ000833.D

Acq: 27 Apr 2012 21:01

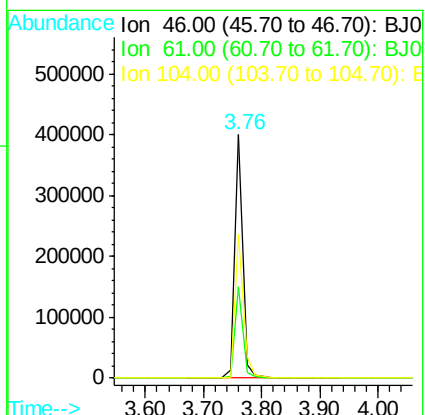
Tgt Ion: 46 Resp: 384974

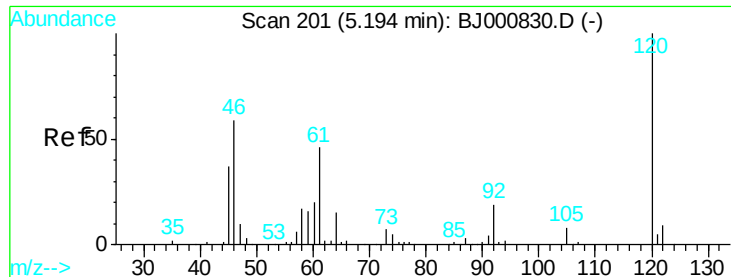
Ion Ratio Lower Upper

46 100

61 37.6 22.0 62.0

104 58.8 73.6 113.6#





#7

1,4-Dithiane

Concen: 5.10 ug/mL

RT: 5.18 min Scan# 200

Delta R.T. -0.01 min

Lab File: BJ000833.D

Acq: 27 Apr 2012 21:01

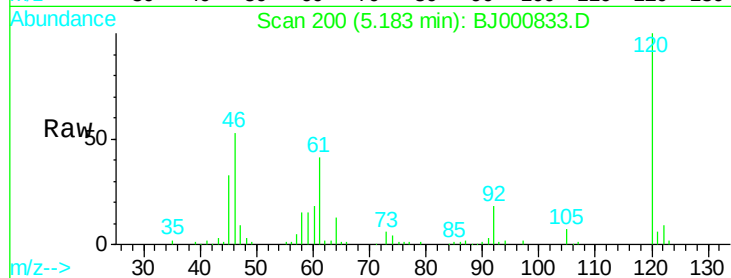
Tgt Ion: 46 Resp: 286675

Ion Ratio Lower Upper

46 100

61 78.0 56.7 96.7

120 190.2 148.6 188.6#

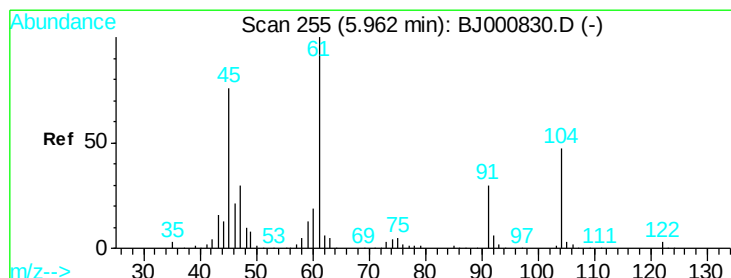
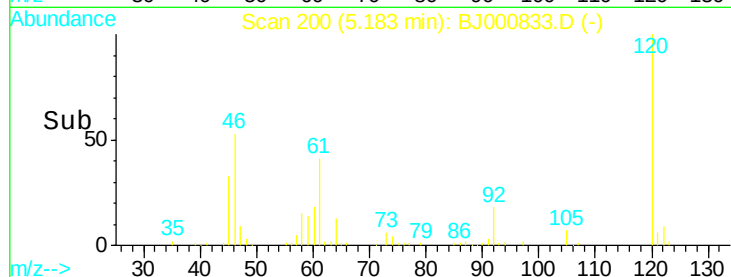
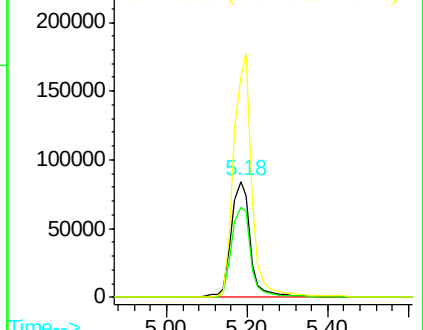


Abundance

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: 36.43 ug/mL

RT: 5.95 min Scan# 254

Delta R.T. -0.01 min

Lab File: BJ000833.D

Acq: 27 Apr 2012 21:01

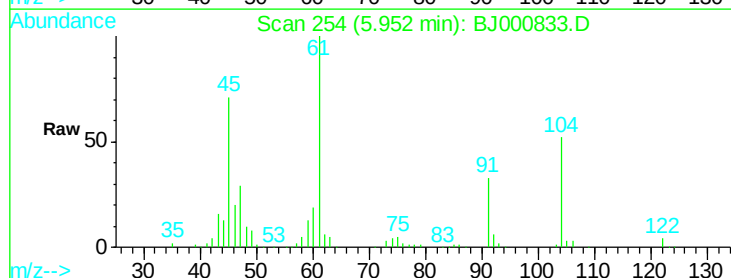
Tgt Ion: 61 Resp: 2046882

Ion Ratio Lower Upper

61 100

45 71.5 56.4 96.4

47 28.7 10.1 50.1

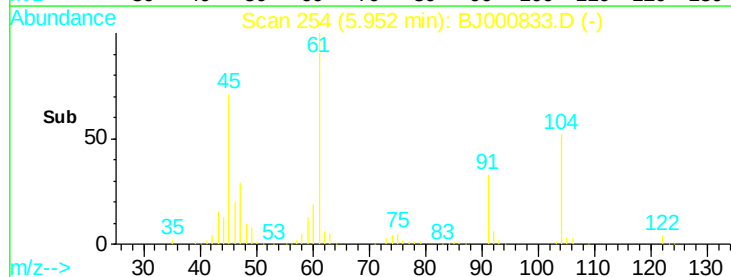
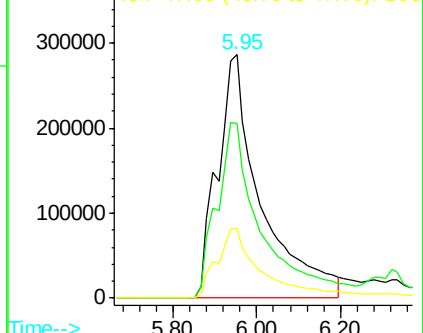


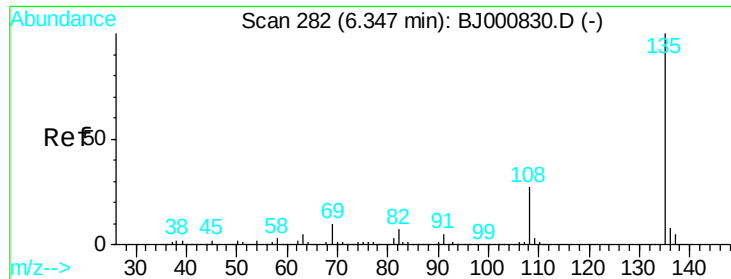
Abundance

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: 11.66 ug/mL

RT: 6.34 min Scan# 281

Delta R.T. -0.01 min

Lab File: BJ000833.D

Acq: 27 Apr 2012 21:01

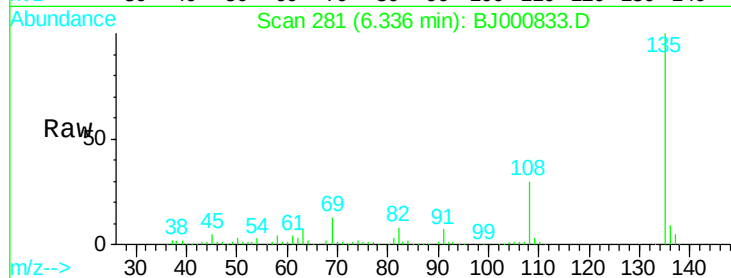
Tgt Ion:135 Resp: 2466536

Ion Ratio Lower Upper

135 100

108 29.6 7.0 47.0

69 12.7 0.0 30.4

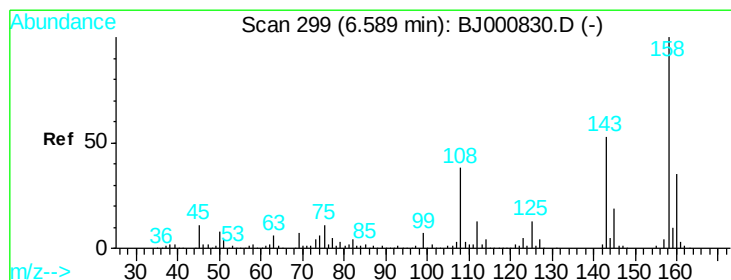
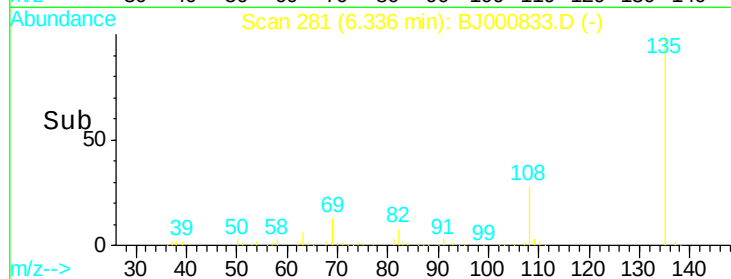
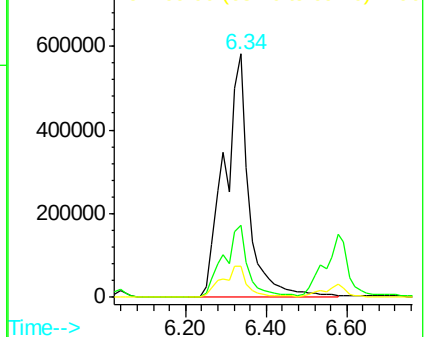


Abundance

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: 11.13 ug/mL

RT: 6.59 min Scan# 299

Delta R.T. 0.00 min

Lab File: BJ000833.D

Acq: 27 Apr 2012 21:01

Tgt Ion:158 Resp: 1629151

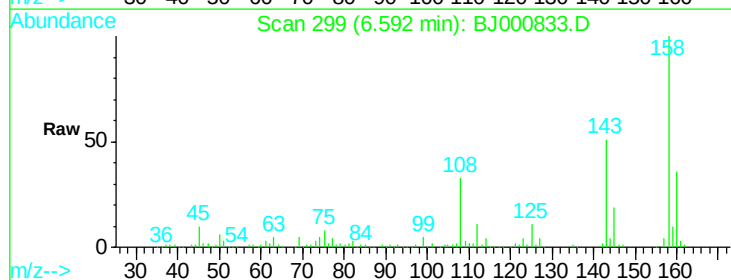
Ion Ratio Lower Upper

158 100

143 50.6 32.7 72.7

108 32.6 18.7 58.7

45 9.5 0.0 31.9



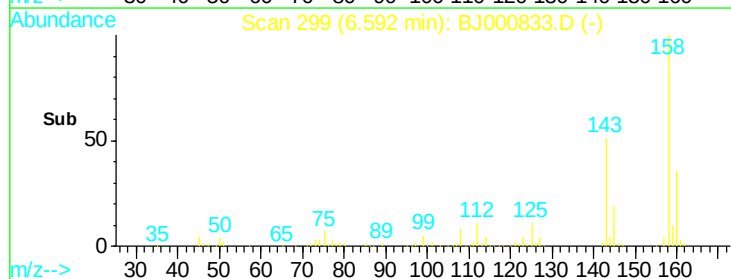
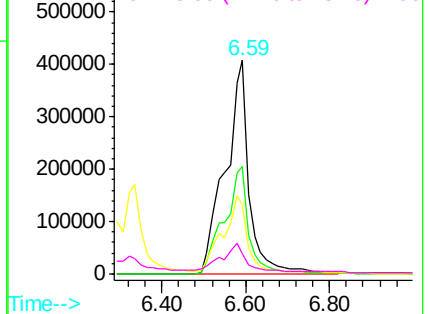
Abundance

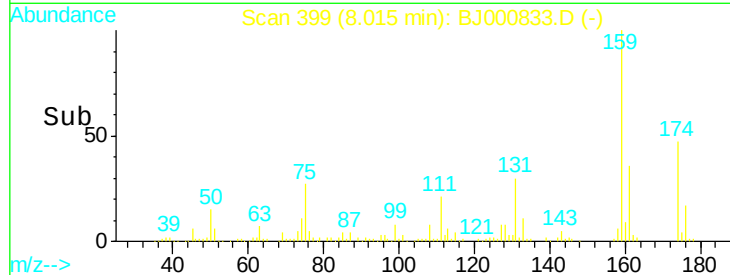
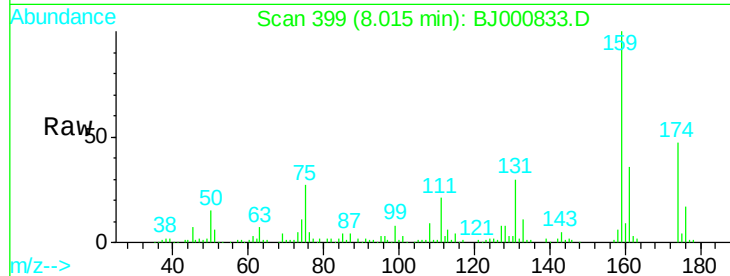
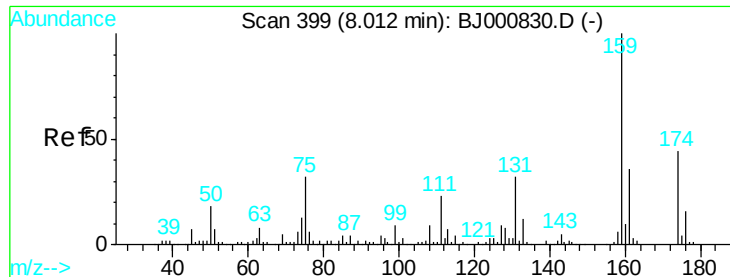
Ion 158.00 (157.70 to 158.70): E

Ion 143.00 (142.70 to 143.70): E

Ion 108.00 (107.70 to 108.70): E

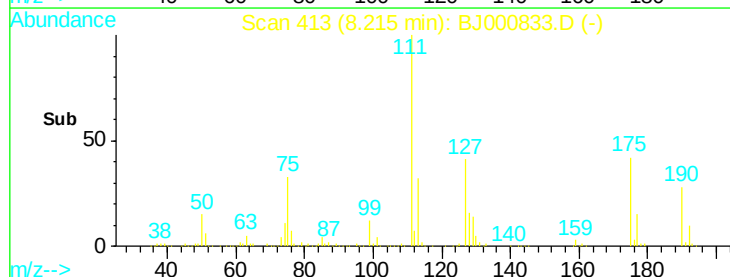
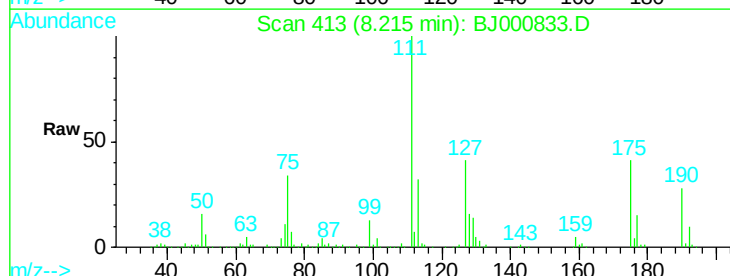
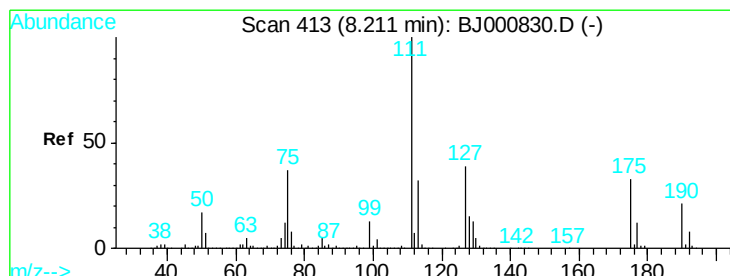
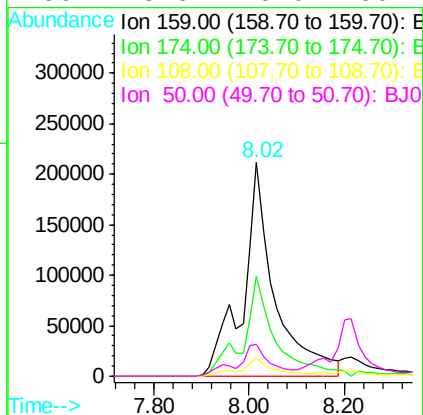
Ion 45.00 (44.70 to 45.70): BJ0





#13
p-Chlorophenylmethylsulfoxide
Concen: 12.05 ug/mL
RT: 8.02 min Scan# 399
Delta R.T. 0.00 min
Lab File: BJ000833.D
Acq: 27 Apr 2012 21:01

Tgt Ion:	159	Resp:	984280
Ion	Ratio	Lower	Upper
159	100		
174	47.0	28.0	68.0
108	9.0	0.0	28.5
50	15.6	0.0	36.1



#14
p-Chlorophenylmethylsulfone
Concen: 11.04 ug/mL
RT: 8.21 min Scan# 413
Delta R.T. 0.00 min
Lab File: BJ000833.D
Acq: 27 Apr 2012 21:01

Tgt Ion:	111	Resp:	1329395
Ion	Ratio	Lower	Upper
111	100		
75	34.2	18.5	58.5
127	41.2	19.3	59.3
190	27.7	0.9	40.9

