

Data Path : Z:\HPCHEM1\BNA_J\DATA\BJ112712\
 Data File : BJ001301.D
 Acq On : 27 Nov 2012 16:31
 Operator : HLM
 Sample : D4921-02
 Misc : WATER BNA_J HLM
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_J
 ClientSampleId :
 CC23A-112012D

Quant Time: Dec 05 03:16:31 2012
 Quant Method : H:\VOL1\GCMSDATA\J\METHODS\BJ112712.M
 Quant Title : CWA degradation products by GCMS
 QLast Update : Tue Nov 27 14:50:43 2012
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.35	152	309702	2.50	ug/mL	0.00
6) Naphthalene-d8	5.62	136	1286196	2.50	ug/mL	0.00

System Monitoring Compounds						
10) Tripropylphosphate	6.70	99	253264	0.49	ug/mL	0.00
Spiked Amount	0.500	Range	70 - 130	Recovery	=	98.00%
12) 2-Bromothioanisole	6.91	204	375719	4.39	ug/mL	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.80%

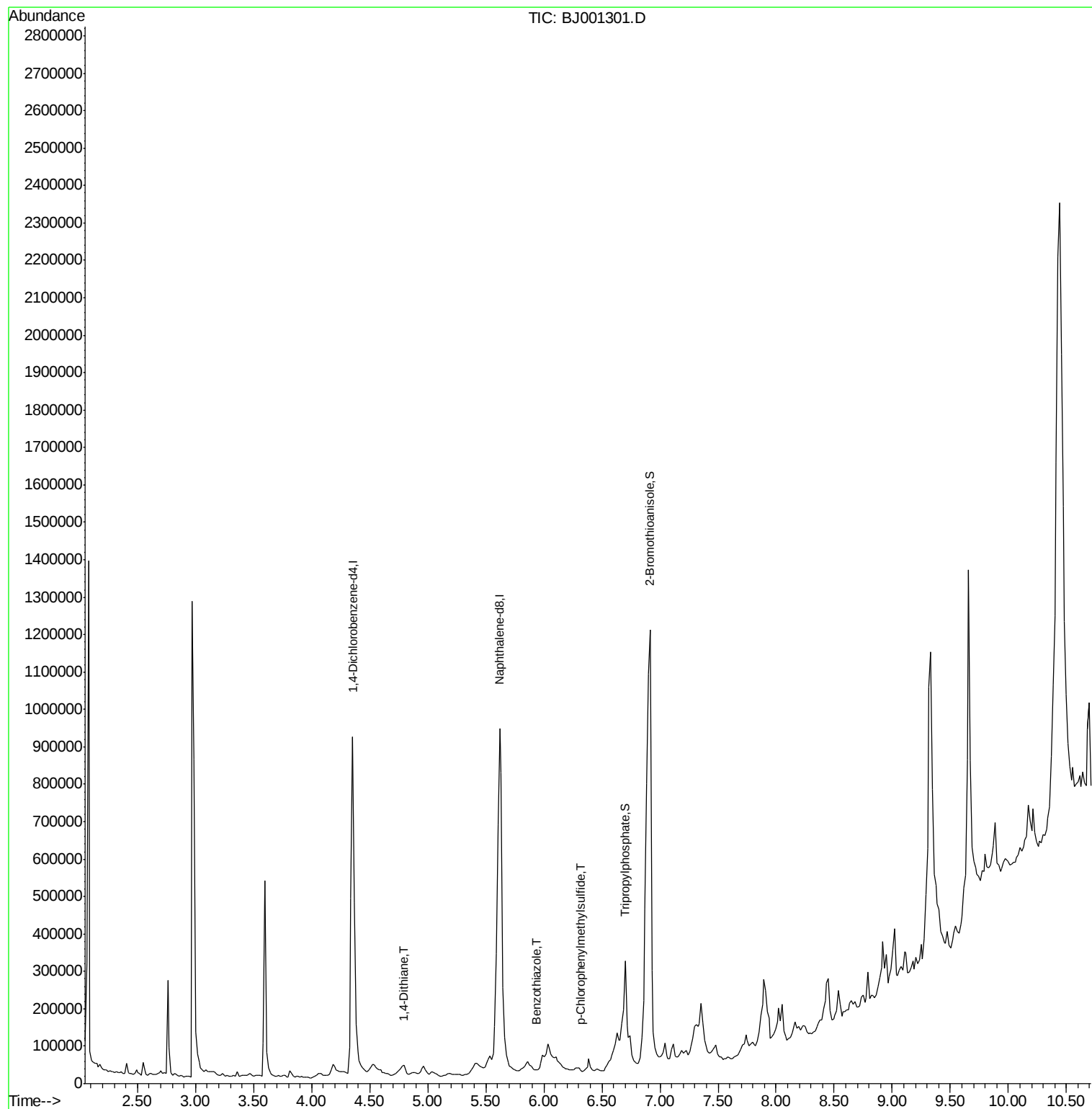
Target Compounds						Qvalue
7) 1,4-Dithiane	4.79	46	9261	0.07	ug/mL	91
9) Benzothiazole	5.93	135	2165	0.01	ug/mL#	1
11) p-Chlorophenylmethanethiol	6.32	158	1344	0.01	ug/mL#	18

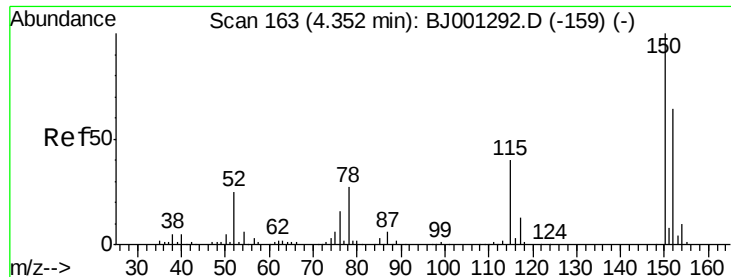
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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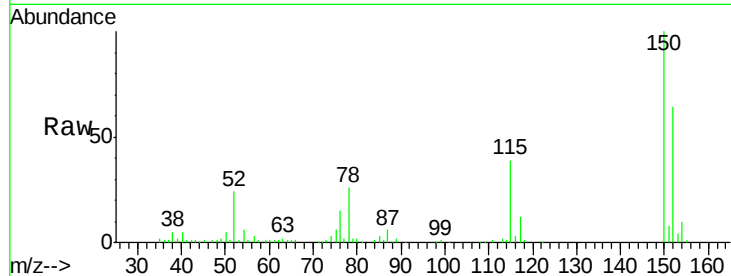


#1

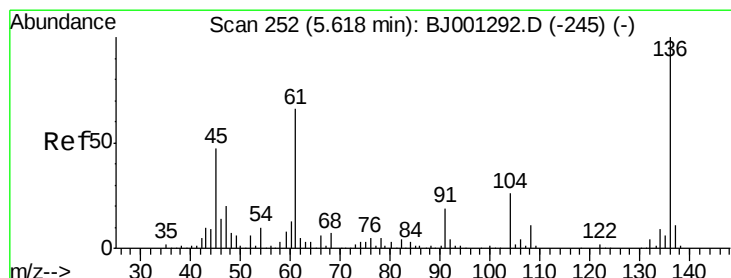
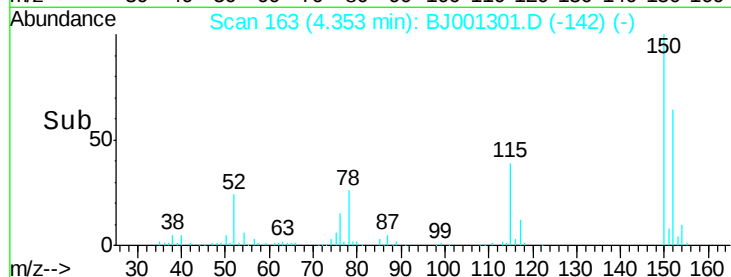
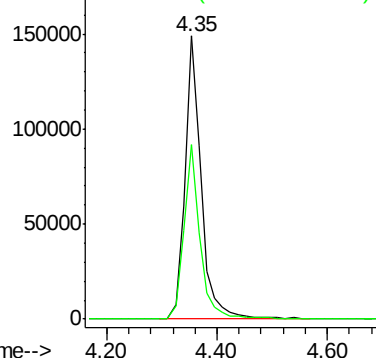
1,4-Dichlorobenzene-d4
Concen: 2.50 ug/mL
RT: 4.35 min Scan# 163
Delta R.T. 0.00 min
Lab File: BJ001301.D
Acq: 27 Nov 2012 16:31

Instrument :
BNA_J
ClientSampleId :
CC23A-112012D

Tgt Ion:152 Resp: 309702
Ion Ratio Lower Upper
152 100
115 61.6 42.9 82.9



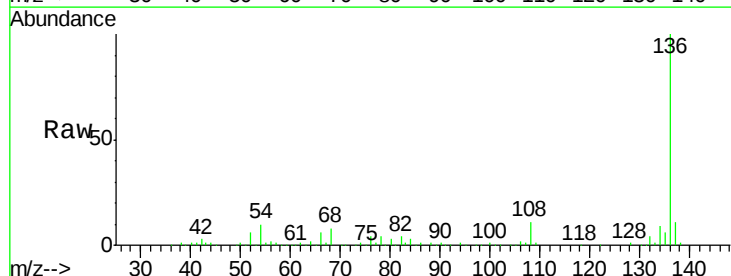
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 115.00 (114.70 to 115.70): E



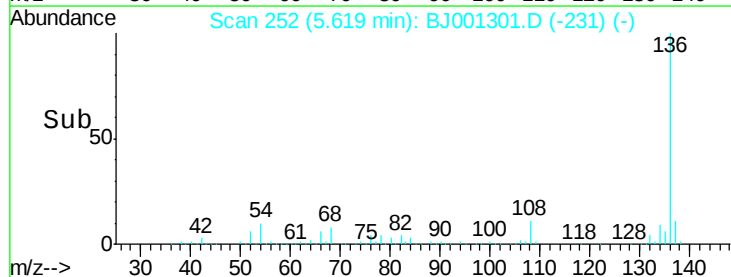
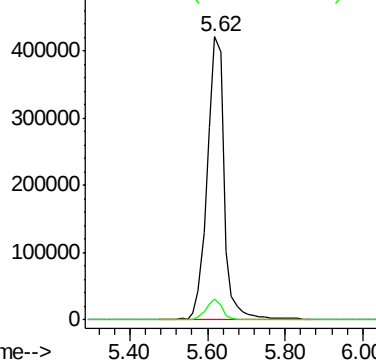
#6

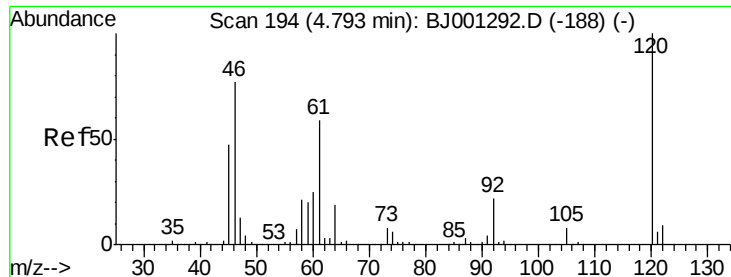
Naphthalene-d8
Concen: 2.50 ug/mL
RT: 5.62 min Scan# 252
Delta R.T. 0.00 min
Lab File: BJ001301.D
Acq: 27 Nov 2012 16:31

Tgt Ion:136 Resp: 1286196
Ion Ratio Lower Upper
136 100
68 7.5 0.0 26.8



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 68.00 (67.70 to 68.70): BJ0





#7

1,4-Dithiane

Concen: 0.07 ug/mL

RT: 4.79 min Scan# 194

Delta R.T. 0.00 min

Lab File: BJ001301.D

Acq: 27 Nov 2012 16:31

Instrument :

BNA_J

ClientSampleId :

CC23A-112012D

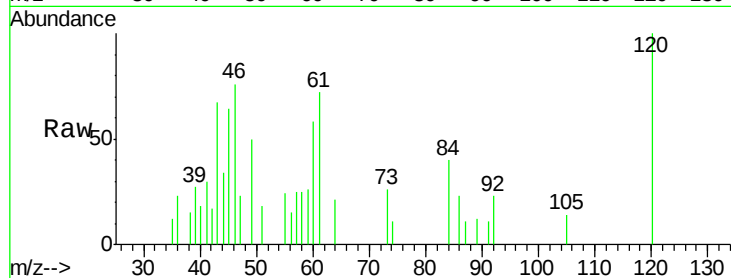
Tgt Ion: 46 Resp: 9261

Ion Ratio Lower Upper

46 100

61 94.5 56.1 96.1

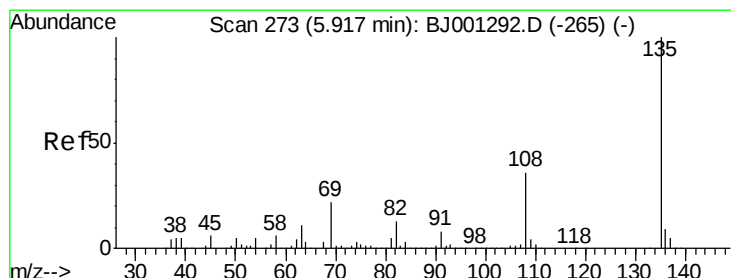
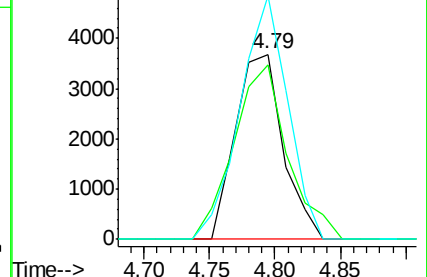
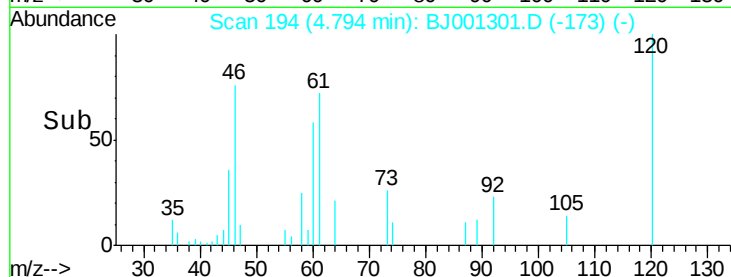
120 131.7 109.1 149.1



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



#9

Benzothiazole

Concen: 0.01 ug/mL

RT: 5.93 min Scan# 274

Delta R.T. 0.02 min

Lab File: BJ001301.D

Acq: 27 Nov 2012 16:31

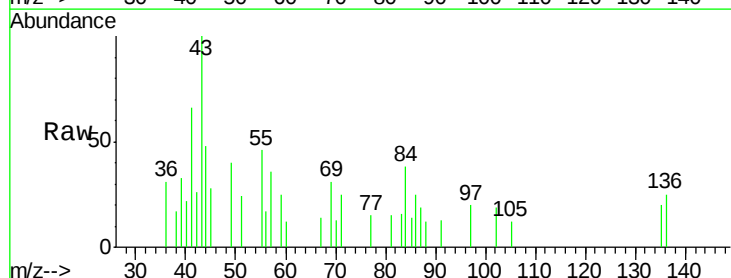
Tgt Ion: 135 Resp: 2165

Ion Ratio Lower Upper

135 100

108 0.0 15.7 55.7#

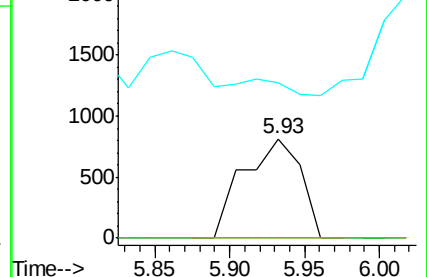
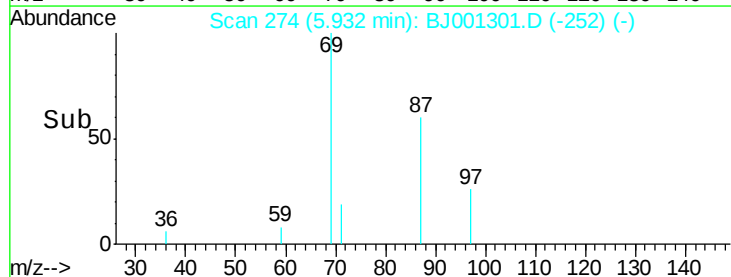
69 155.8 2.2 42.2#

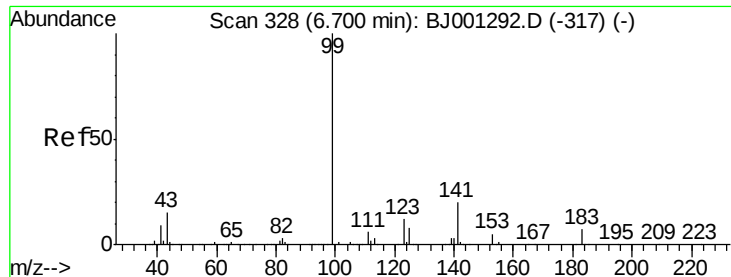


Abundance Ion 135.00 (134.70 to 135.70): BJ0

Ion 108.00 (107.70 to 108.70): BJ0

Ion 69.00 (68.70 to 69.70): BJ0





#10

Tripropylphosphate

Concen: 0.49 ug/mL

RT: 6.70 min Scan# 328

Delta R.T. 0.00 min

Lab File: BJ001301.D

Acq: 27 Nov 2012 16:31

Instrument :

BNA_J

ClientSampleId :

CC23A-112012D

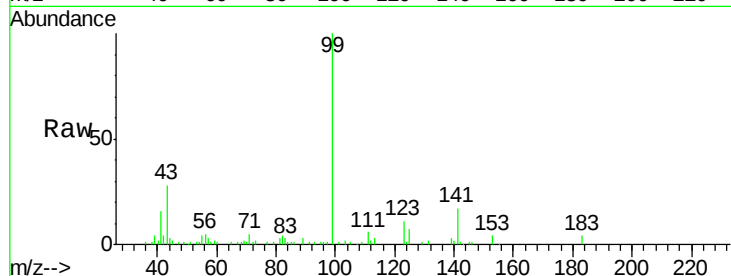
Tgt Ion: 99 Resp: 253264

Ion Ratio Lower Upper

99 100

141 17.6 13.5 20.3

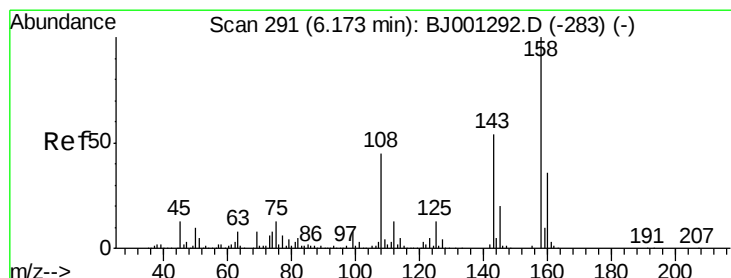
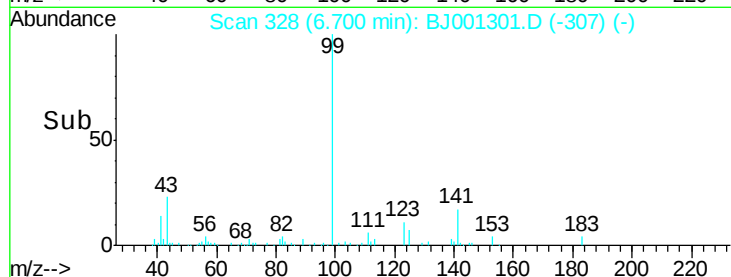
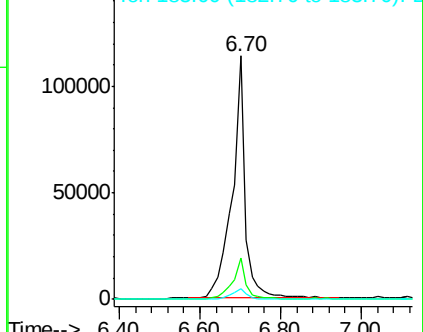
183 4.8 4.3 6.5



Abundance Ion 99.00 (98.70 to 99.70): BJ0

Ion 141.00 (140.70 to 141.70): BJ0

Ion 183.00 (182.70 to 183.70): BJ0



#11

p-Chlorophenylmethylsulfide

Concen: 0.01 ug/mL

RT: 6.32 min Scan# 301

Delta R.T. 0.14 min

Lab File: BJ001301.D

Acq: 27 Nov 2012 16:31

Tgt Ion: 158 Resp: 1344

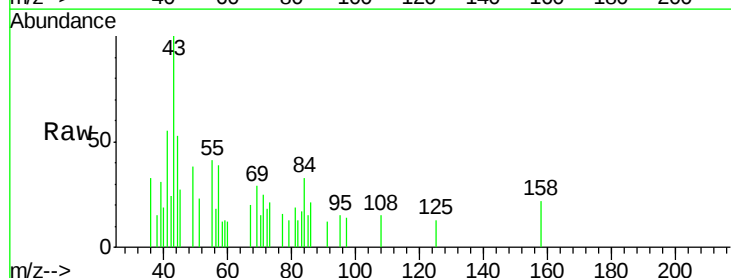
Ion Ratio Lower Upper

158 100

143 0.0 34.4 74.4#

108 67.3 25.3 65.3#

45 120.2 0.0 34.7#

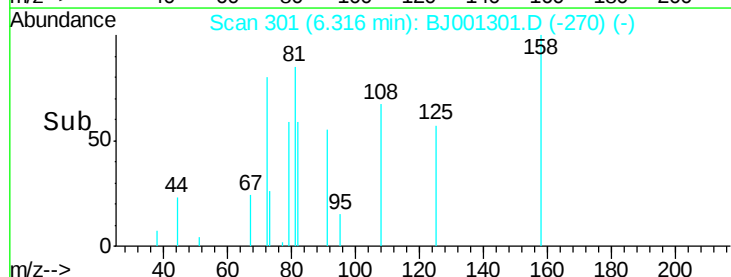
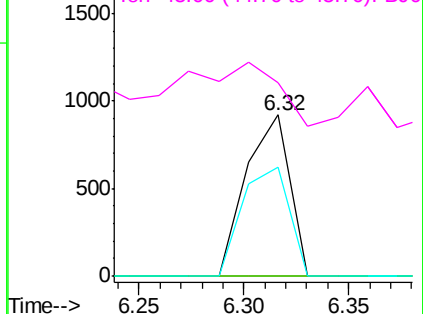


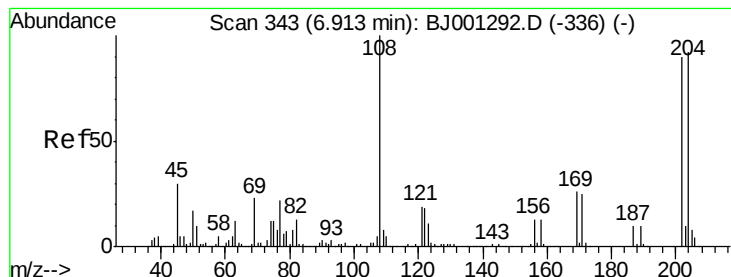
Abundance Ion 158.00 (157.70 to 158.70): BJ0

Ion 143.00 (142.70 to 143.70): BJ0

Ion 108.00 (107.70 to 108.70): BJ0

Ion 45.00 (44.70 to 45.70): BJ0

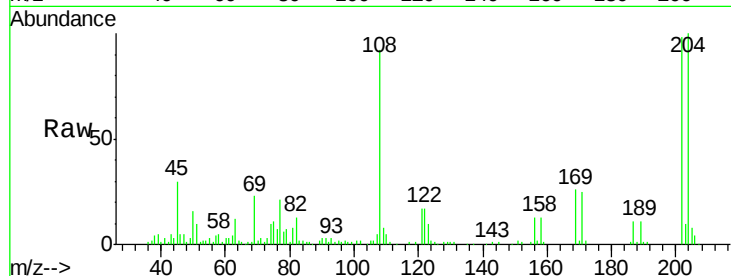




#12
 2-Bromothioanisole
 Concen: 4.39 ug/mL
 RT: 6.91 min Scan# 343
 Delta R.T. 0.00 min
 Lab File: BJ001301.D
 Acq: 27 Nov 2012 16:31

Instrument :
 BNA_J
 ClientSampleId :
 CC23A-112012D

Tgt Ion: 204 Resp: 375719
 Ion Ratio Lower Upper
 204 100
 202 98.2 77.8 117.8
 108 92.1 88.3 128.3



Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 202.00 (201.70 to 202.70): E
 Ion 108.00 (107.70 to 108.70): E

