

Data Path : Z:\HPCHEM1\BNA_J\DATA\BJ112712\
 Data File : BJ001294.D
 Acq On : 27 Nov 2012 14:16
 Operator : HLM
 Sample : CWA-2
 Misc : CWA STD BNA_J HLM
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_J
 LabSampleId :
 CWA-2

Manual Integrations
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AHPatel
 12/5/2012 3:23:05 AM

Quant Time: Dec 05 03:15:38 2012
 Quant Method : H:\VOL1\GCMSDATA\J\METHODS\BJ112712.M
 Quant Title : CWA degradation products by GCMS
 QLast Update : Tue Nov 27 14:23:32 2012
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.35	152	234902	2.00	ug/mL	0.00
6) Naphthalene-d8	5.62	136	1007125	2.00	ug/mL	0.00

System Monitoring Compounds						
10) Tripropylphosphate	6.70	99	87421	0.25	ug/mL	0.00
Spiked Amount 0.500	Range	70 - 130	Recovery	=	50.00%#	
12) 2-Bromothioanisole	6.91	204	77565	0.98	ug/mL	0.00
Spiked Amount 5.000	Range	70 - 130	Recovery	=	19.60%#	

Target Compounds						Qvalue
2) Dimethyl Disulfide	2.31	94	45465	0.34	ug/mL#	24
3) DMMP	3.27	79	14471	0.29	ug/mL	89
4) DIMP	4.65	97	38878	0.29	ug/mL	94
5) 1,4-Oxathiane	3.34	46	78965	0.87	ug/mL	94
7) 1,4-Dithiane	4.78	46	57888	0.76	ug/mL#	81
8) Thiodiglycol	5.65	61	374003m	6.38	ug/mL	
9) Benzothiazole	5.92	135	262331	0.94	ug/mL	98
11) p-Chlorophenylmethyldisulfid	6.17	158	176324	1.02	ug/mL	95
13) p-Chlorophenylmethyldisulfox	7.60	159	98603	1.17	ug/mL	95
14) p-Chlorophenylmethyldisulfon	7.78	111	155327	1.07	ug/mL	98

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

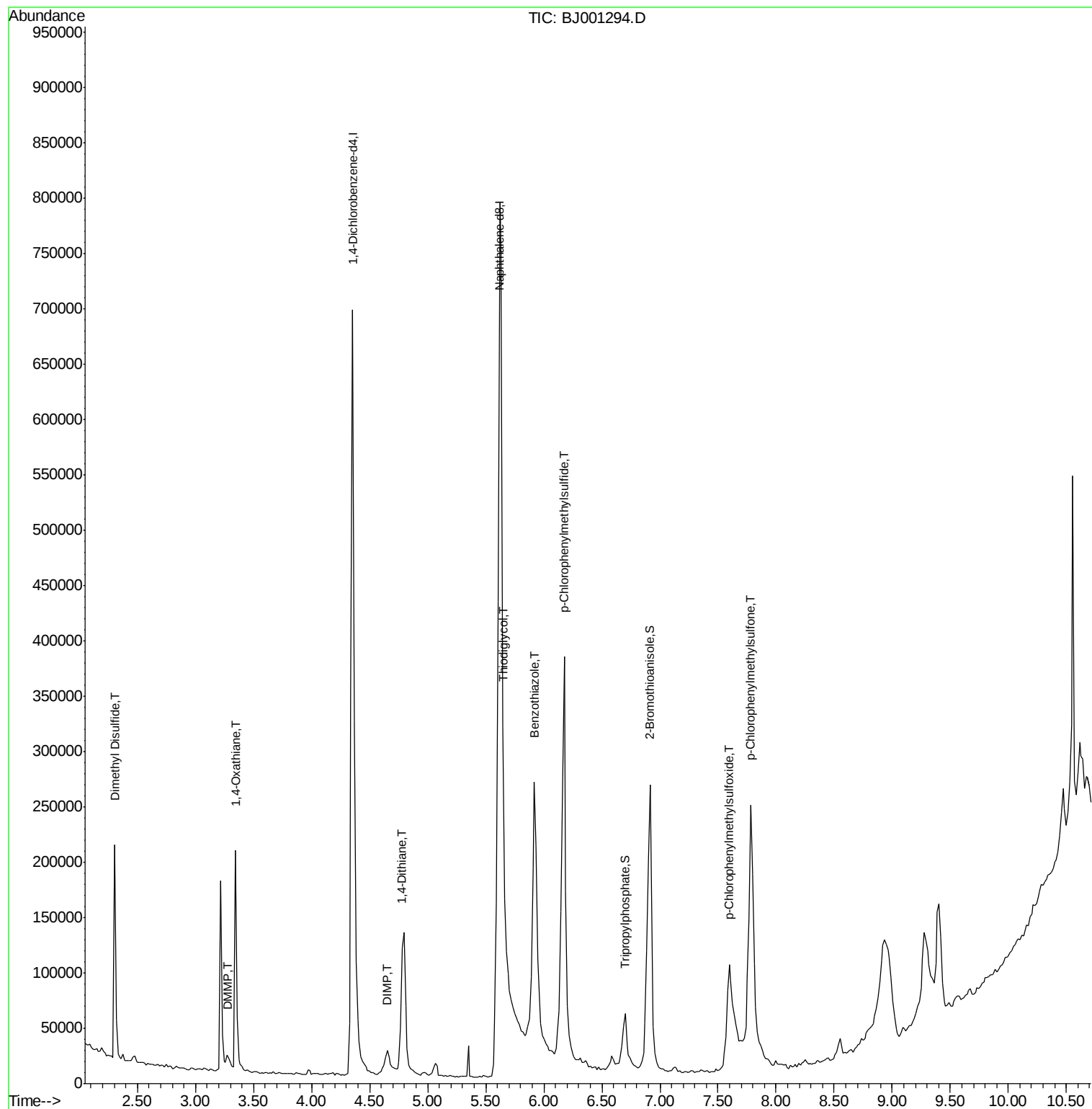
Data Path : Z:\HPCHEM1\BNA_J\DATA\BJ112712\
Data File : BJ001294.D
Acq On : 27 Nov 2012 14:16
Operator : HLM
Sample : CWA-2
Misc : CWA STD BNA_J HLM
ALS Vial : 6 Sample Multiplier: 1

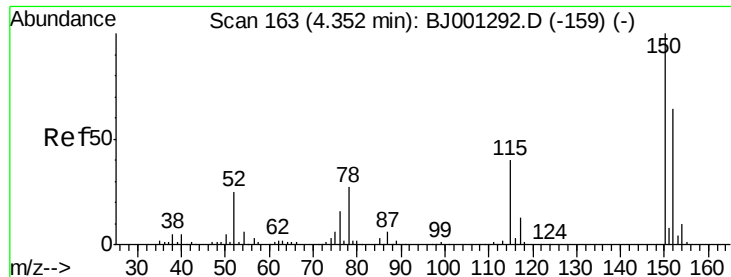
Instrument :
BNA_J
LabSampleId :
CWA-2

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Quant Time: Dec 05 03:15:38 2012
Quant Method : H:\VOL1\GCMSDATA\J\METHODS\BJ112712.M
Quant Title : CWA degradation products by GCMS
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Response via : Initial Calibration





#1

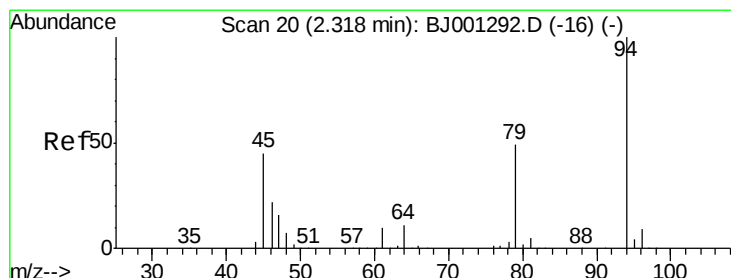
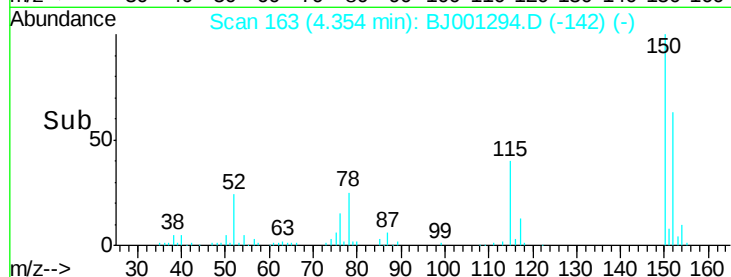
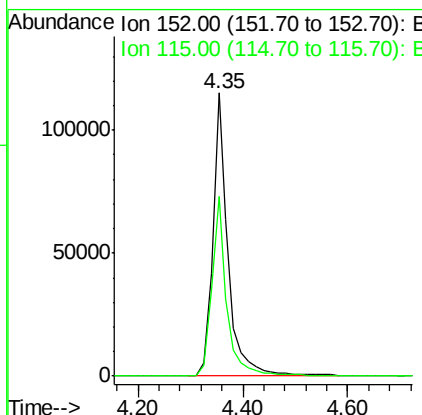
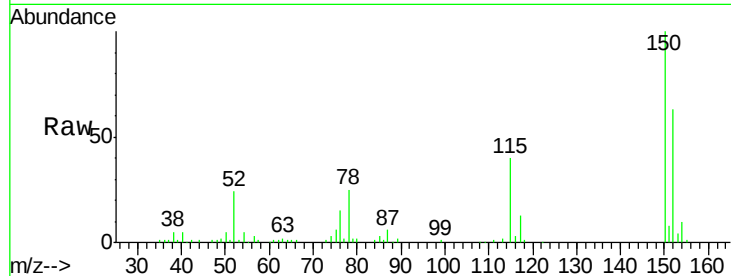
1,4-Dichlorobenzene-d4
Concen: 2.00 ug/mL
RT: 4.35 min Scan# 163
Delta R.T. 0.00 min
Lab File: BJ001294.D
Acq: 27 Nov 2012 14:16

Instrument :
BNA_J
LabSampleId :
CWA-2

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	234902		
115	63.5	42.9	82.9	

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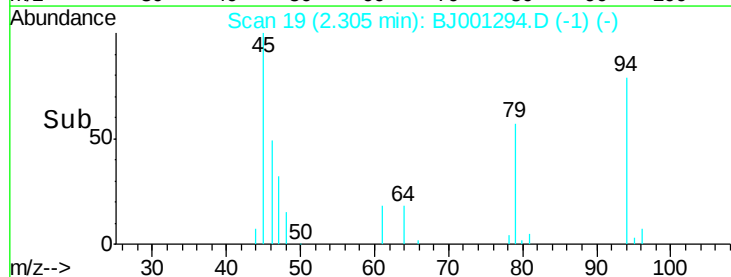
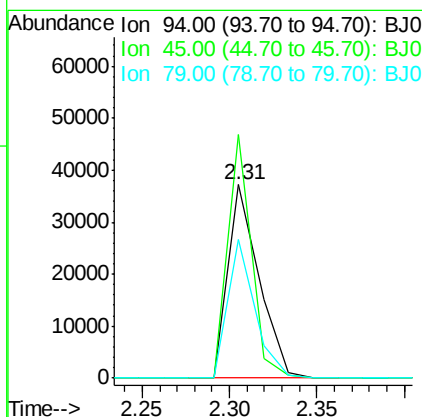
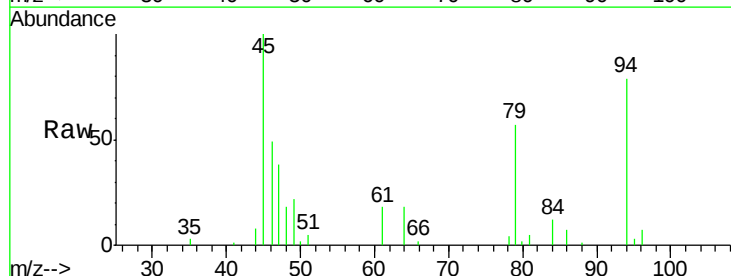
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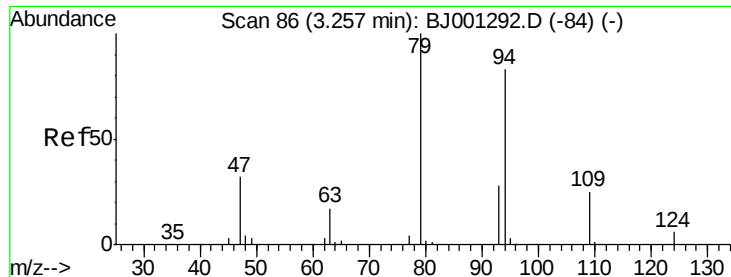


#2

Dimethyl Disulfide
Concen: 0.34 ug/mL
RT: 2.31 min Scan# 19
Delta R.T. -0.01 min
Lab File: BJ001294.D
Acq: 27 Nov 2012 14:16

Tgt Ion	Ratio	Resp	Lower	Upper
94	100	45465		
45	126.1	25.1	65.1#	
79	71.7	29.4	69.4#	





#3

DMMP

Concen: 0.29 ug/mL

RT: 3.27 min Scan# 87

Delta R.T. 0.02 min

Lab File: BJ001294.D

Acq: 27 Nov 2012 14:16

Instrument :

BNA_J

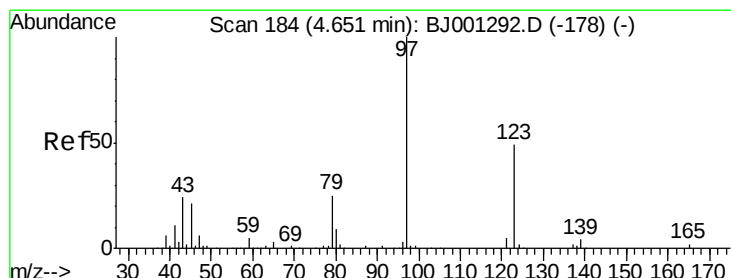
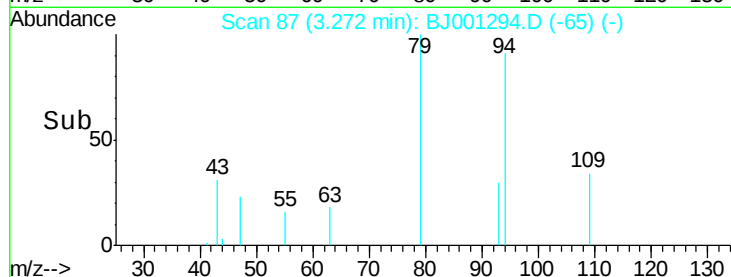
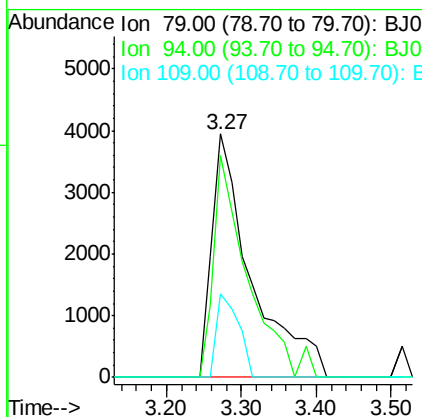
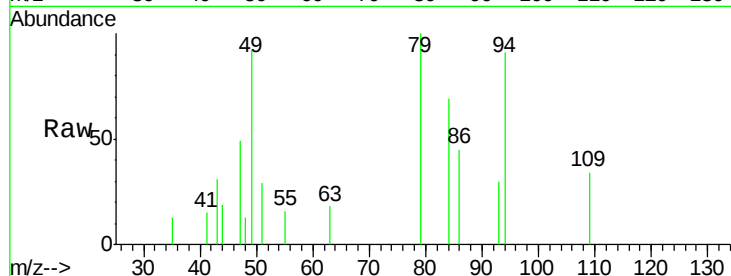
LabSampleId :

CWA-2

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Tgt Ion	Ratio	Lower	Upper
79	100		
94	91.1	63.0	103.0
109	34.5	5.3	45.3



#4

DIMP

Concen: 0.29 ug/mL

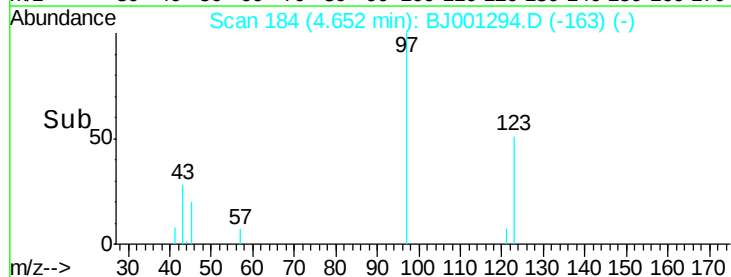
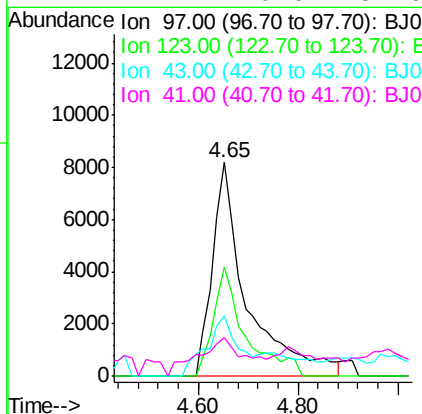
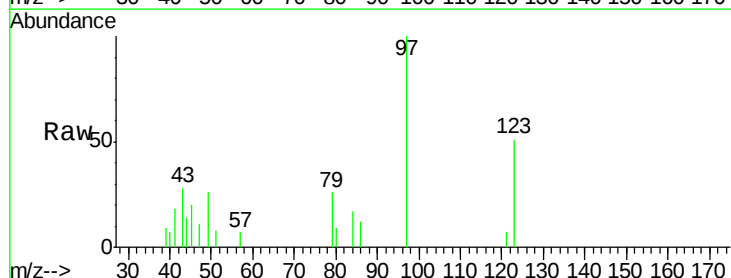
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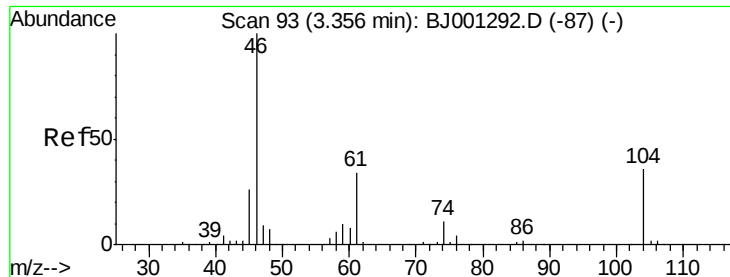
Delta R.T. 0.00 min

Lab File: BJ001294.D

Acq: 27 Nov 2012 14:16

Tgt Ion	Ratio	Lower	Upper
97	100		
123	51.0	29.2	69.2
43	28.4	4.0	44.0
41	17.7	0.0	31.6





#5

1,4-Oxathiane

Concen: 0.87 ug/mL

RT: 3.34 min Scan# 92

Delta R.T. -0.01 min

Lab File: BJ001294.D

Acq: 27 Nov 2012 14:16

Instrument :

BNA_J

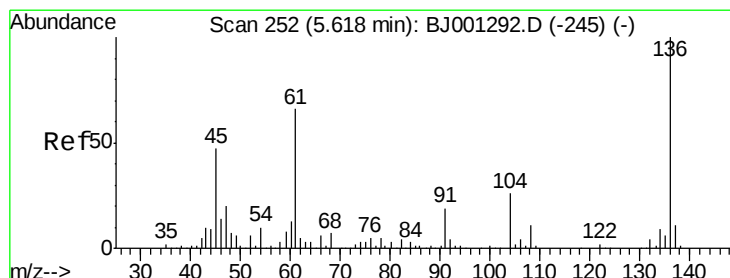
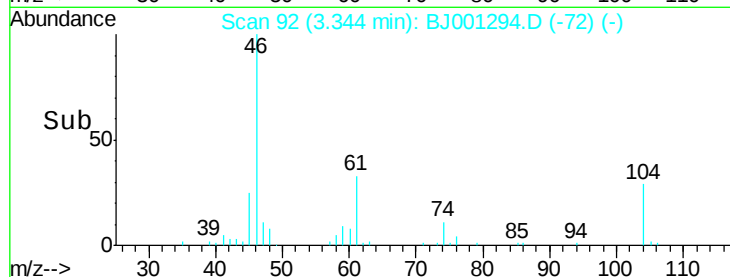
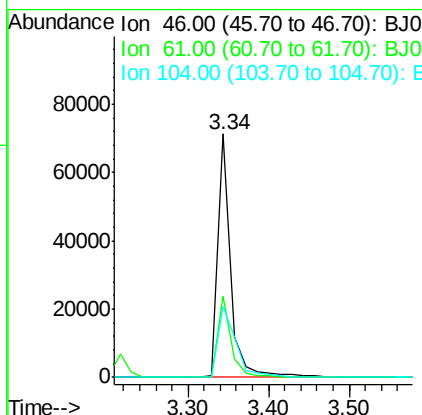
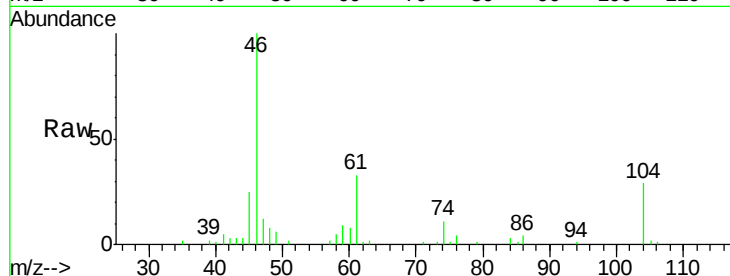
LabSampleId :

CWA-2

Tgt Ion:	46	Resp:	78965
Ion Ratio	Lower	Upper	
46	100		
61	33.5	13.6	53.6
104	29.0	16.0	56.0

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#6

Naphthalene-d8

Concen: 2.00 ug/mL

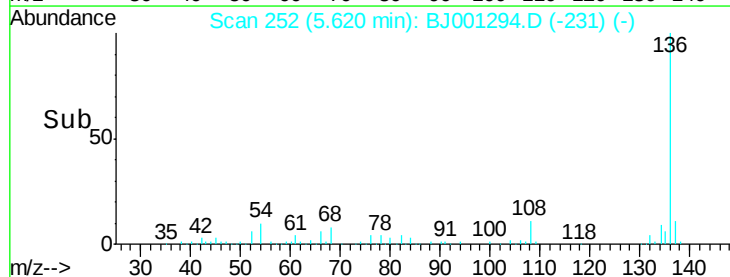
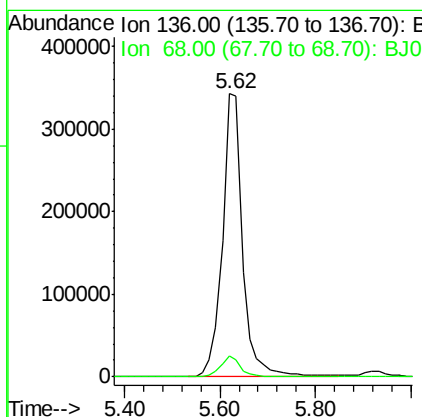
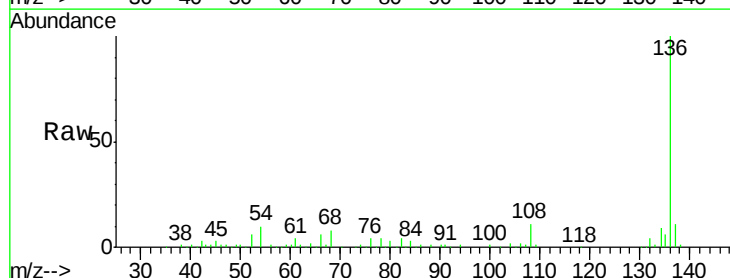
RT: 5.62 min Scan# 252

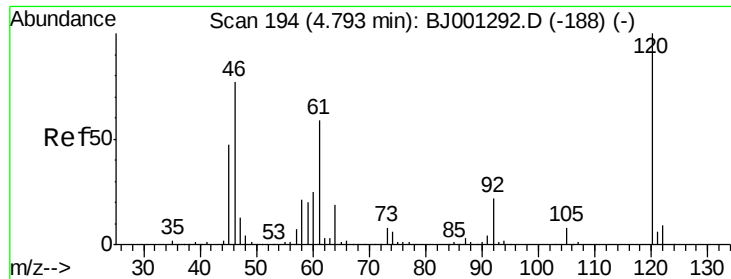
Delta R.T. 0.00 min

Lab File: BJ001294.D

Acq: 27 Nov 2012 14:16

Tgt Ion:	136	Resp:	1007125
Ion Ratio	Lower	Upper	
136	100		
68	7.5	0.0	26.8





#7

1,4-Dithiane

Concen: 0.76 ug/mL

RT: 4.78 min Scan# 193

Delta R.T. -0.01 min

Lab File: BJ001294.D

Acq: 27 Nov 2012 14:16

Instrument :

BNA_J

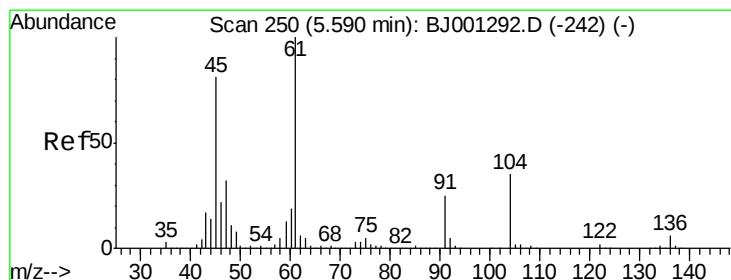
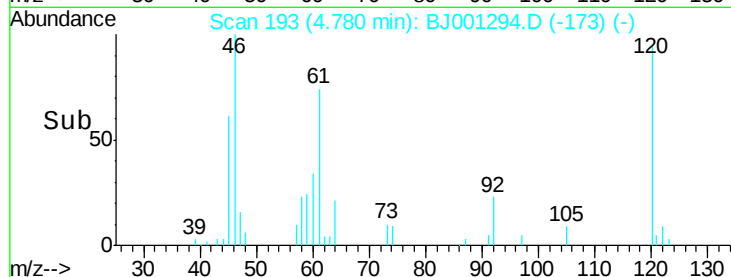
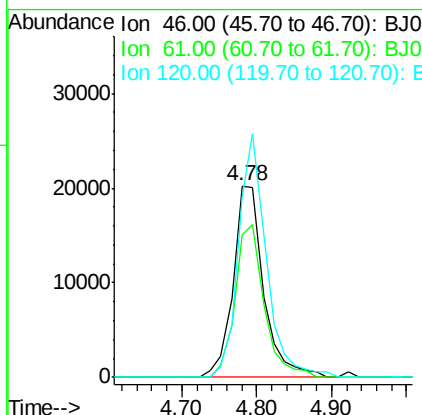
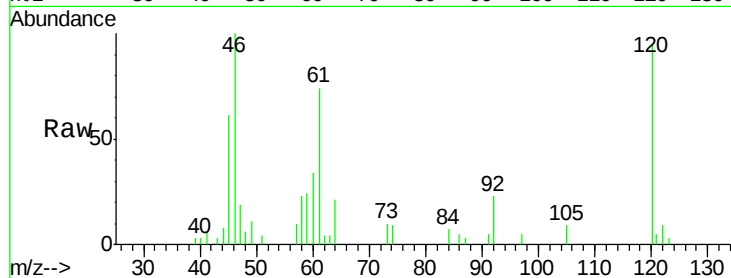
LabSampleId :

CWA-2

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Tgt Ion	Ratio	Lower	Upper
46	100		
61	74.2	56.1	96.1
120	94.9	109.1	149.1#



#8

Thiodiglycol

Concen: 6.38 ug/mL m

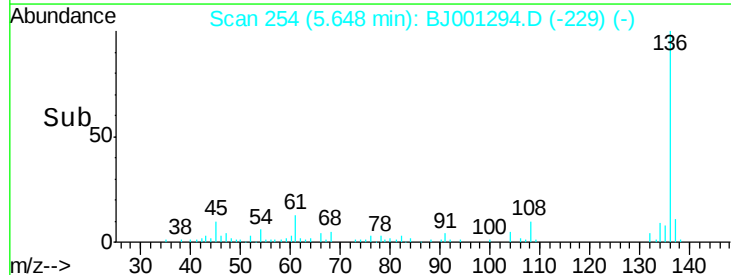
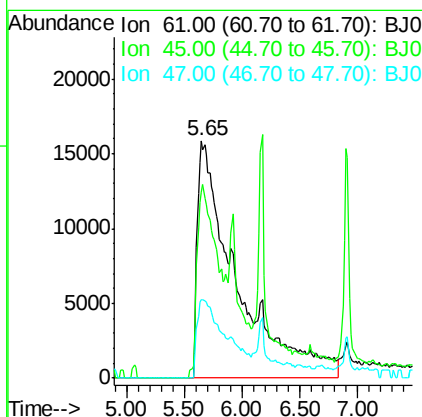
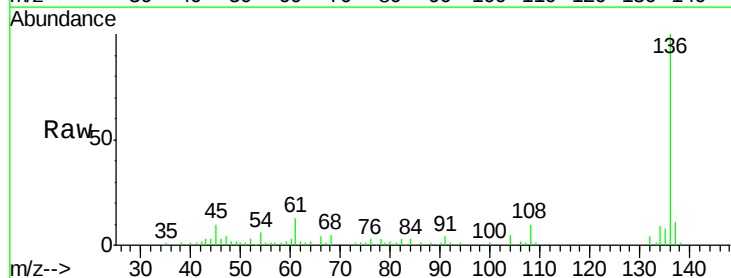
RT: 5.65 min Scan# 254

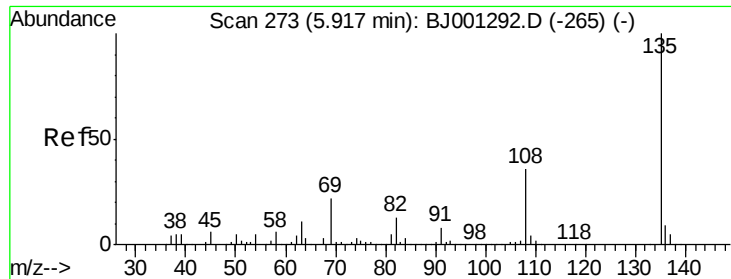
Delta R.T. 0.06 min

Lab File: BJ001294.D

Acq: 27 Nov 2012 14:16

Tgt Ion	Ratio	Lower	Upper
61	100		
45	78.1	61.0	101.0
47	32.9	12.2	52.2





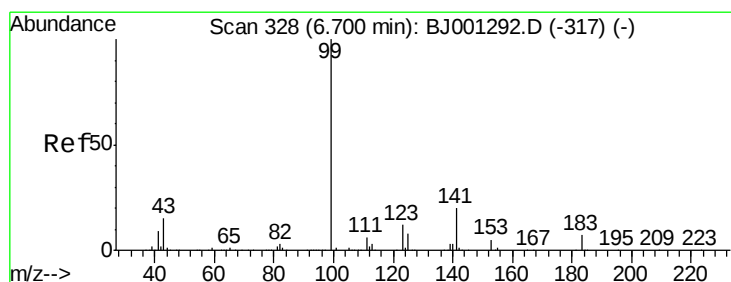
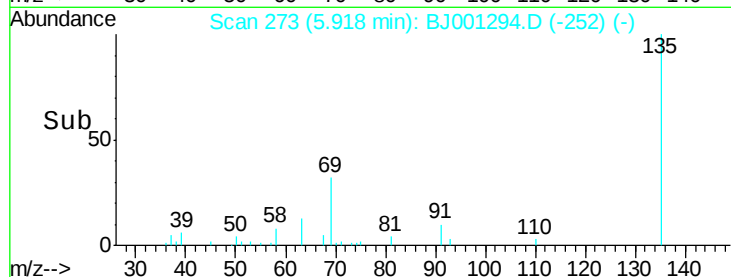
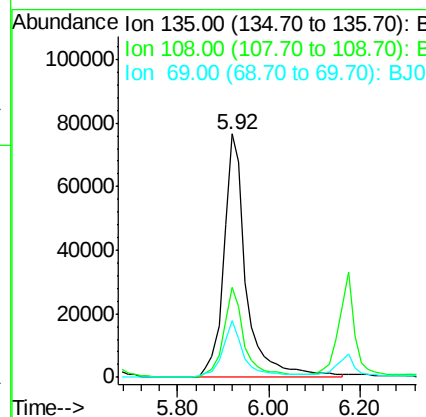
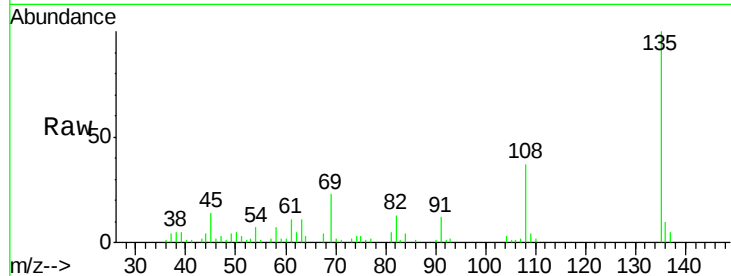
#9
Benzothiazole
Concen: 0.94 ug/mL
RT: 5.92 min Scan# 273
Delta R.T. 0.00 min
Lab File: BJ001294.D
Acq: 27 Nov 2012 14:16

Instrument :
BNA_J
LabSampleId :
CWA-2

Tgt Ion	Ratio	Resp	Lower	Upper
135	100	262331		
108	36.7	15.7	55.7	
69	23.5	2.2	42.2	

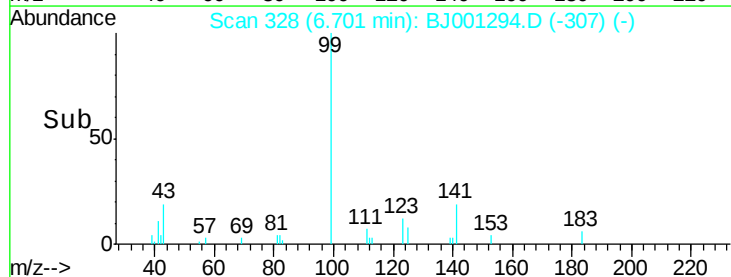
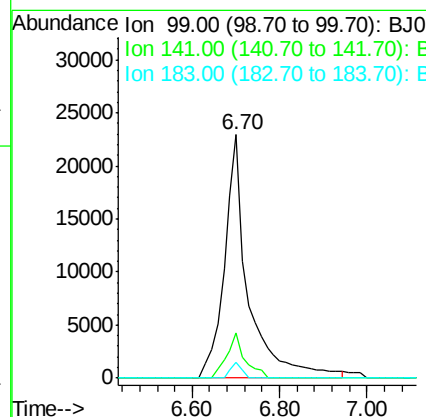
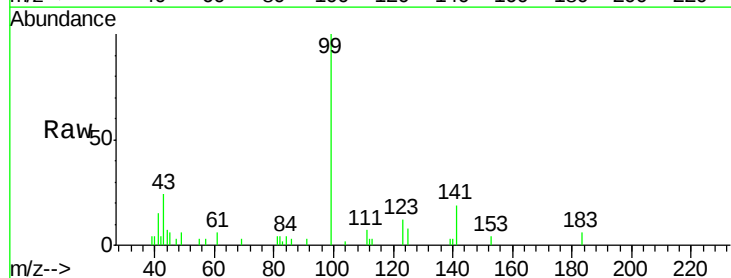
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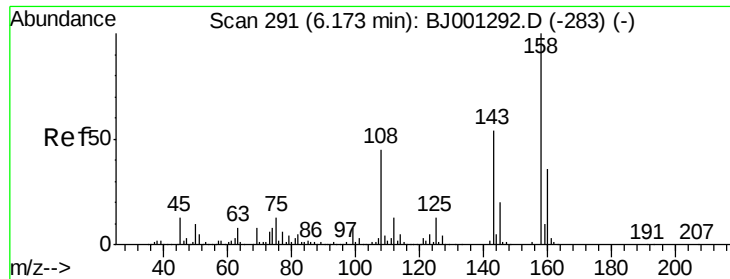
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#10
Tripropylphosphate
Concen: 0.25 ug/mL
RT: 6.70 min Scan# 328
Delta R.T. 0.00 min
Lab File: BJ001294.D
Acq: 27 Nov 2012 14:16

Tgt Ion	Ratio	Resp	Lower	Upper
99	100	87421		
141	14.1	13.5	20.3	
183	2.9	4.3	6.5#	





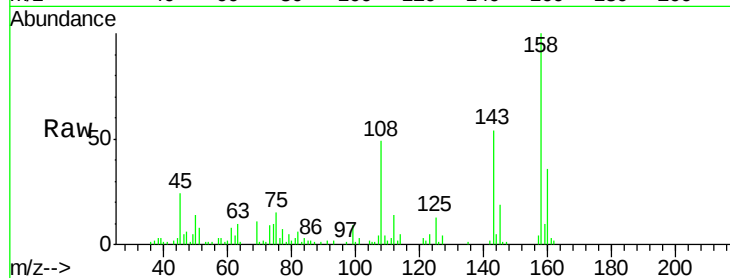
#11
p-Chlorophenylmethylsulfide
Concen: 1.02 ug/mL
RT: 6.17 min Scan# 291
Delta R.T. 0.00 min
Lab File: BJ001294.D
Acq: 27 Nov 2012 14:16

Instrument :
BNA_J
LabSampleId :
CWA-2

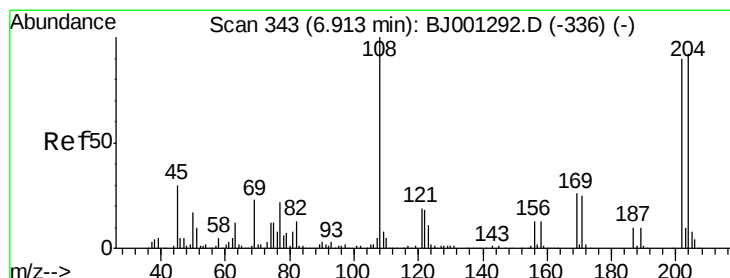
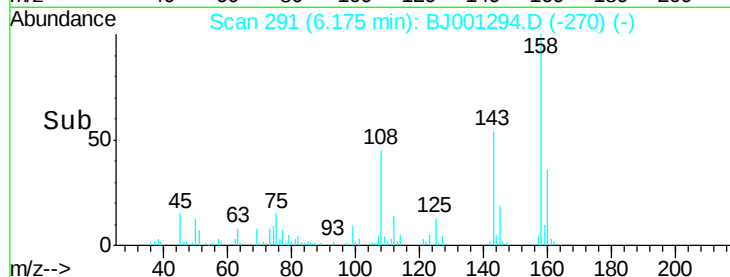
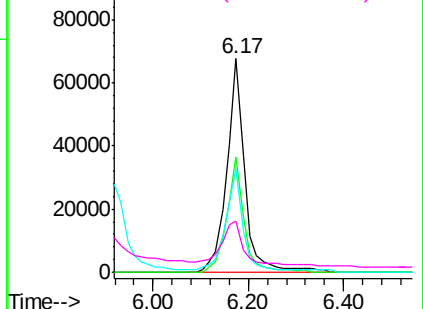
Tgt Ion	Ratio	Resp	Lower	Upper
158	100	176324		
143	54.1	34.4	74.4	
108	48.8	25.3	65.3	
45	24.1	0.0	34.7	

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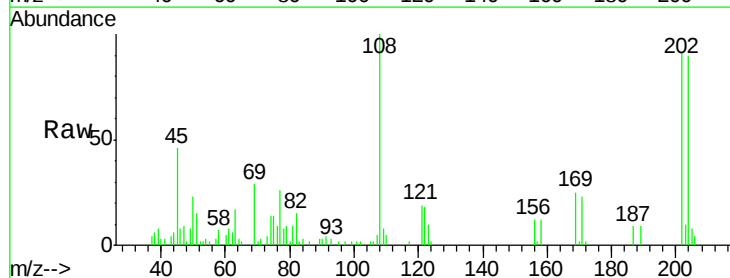


Abundance Ion 158.00 (157.70 to 158.70): E
Ion 143.00 (142.70 to 143.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 45.00 (44.70 to 45.70): BJ0

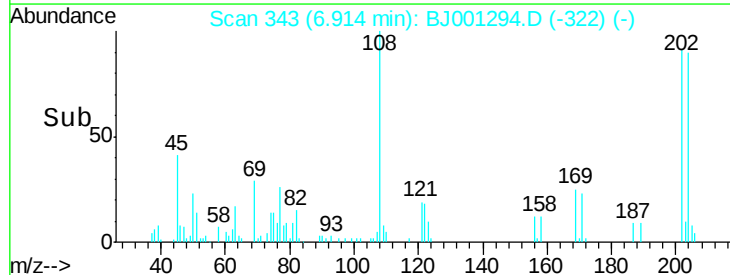
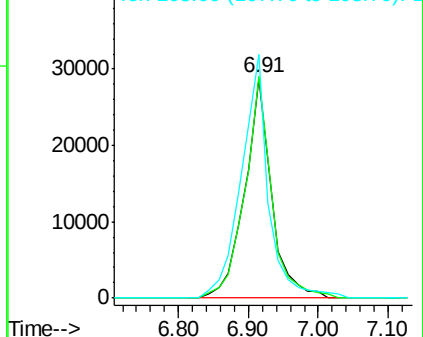


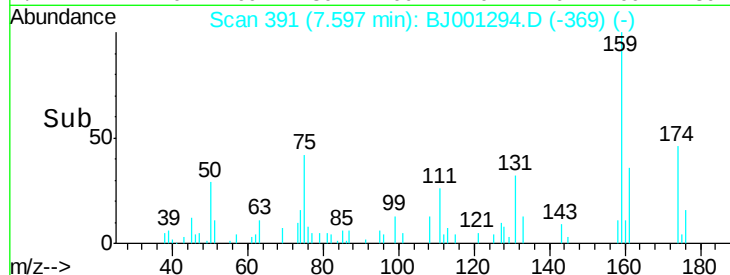
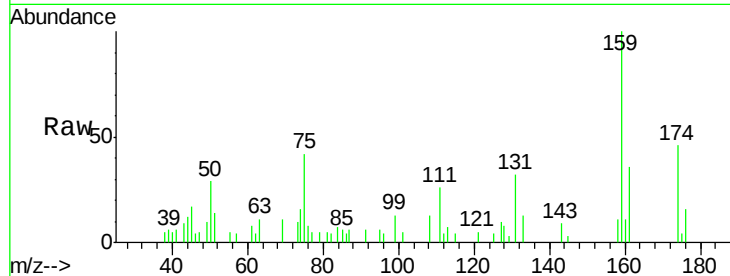
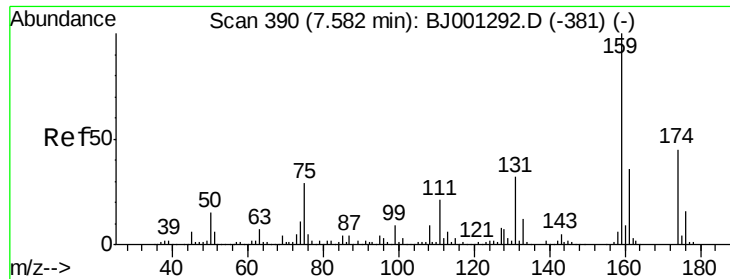
#12
2-Bromothioanisole
Concen: 0.98 ug/mL
RT: 6.91 min Scan# 343
Delta R.T. 0.00 min
Lab File: BJ001294.D
Acq: 27 Nov 2012 14:16

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	77565		
202	101.1	77.8	117.8	
108	111.0	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





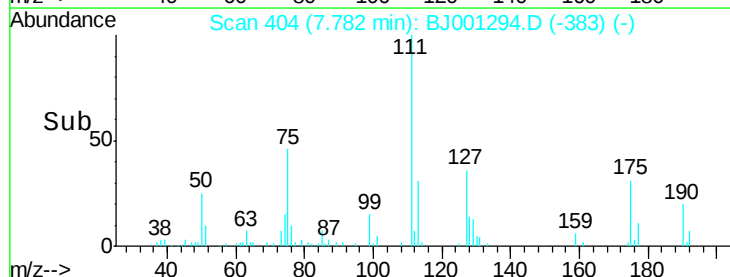
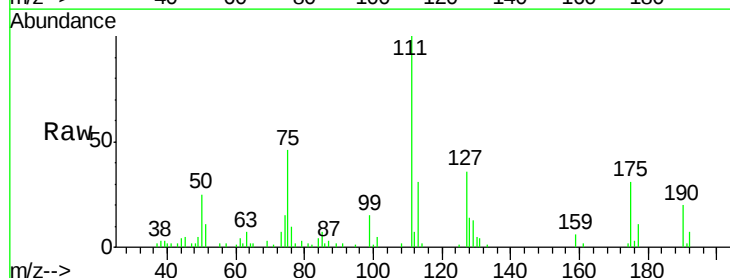
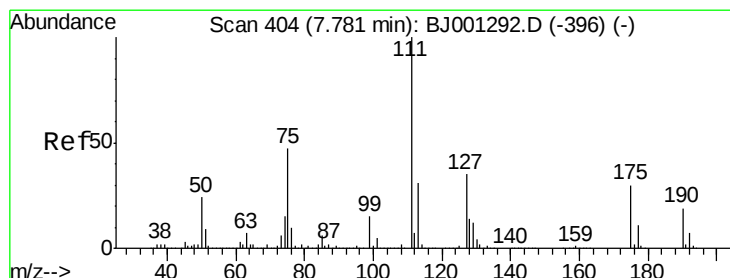
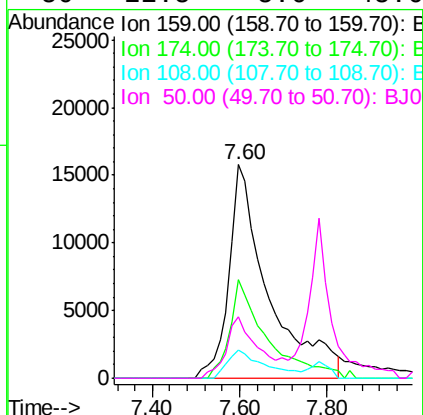
#13
p-Chlorophenylmethylsulfoxide
Concen: 1.17 ug/mL
RT: 7.60 min Scan# 391
Delta R.T. 0.02 min
Lab File: BJ001294.D
Acq: 27 Nov 2012 14:16

Instrument :
BNA_J
LabSampleId :
CWA-2

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Tgt Ion	Ion	Ratio	Resp	Lower	Upper
159	100		98603		
174	42.8	25.2	65.2		
108	12.7	0.0	30.3		
50	22.5	5.6	45.6		



#14
p-Chlorophenylmethylsulfone
Concen: 1.07 ug/mL
RT: 7.78 min Scan# 404
Delta R.T. 0.00 min
Lab File: BJ001294.D
Acq: 27 Nov 2012 14:16

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
111	100		155327		
75	46.5	27.5	67.5		
127	36.2	15.3	55.3		
190	19.7	0.0	38.6		

