

Data Path : S:\HPCHEM1\BNA_J\data\BJ092412\
 Data File : BJ001147.D
 Acq On : 24 Sep 2012 16:44
 Operator : HLM
 Sample : CWA-3
 Misc : CWA STD BNA_J HLM
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_J
 LabSampleId :
 CWA-3

Manual Integrations
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 10/9/2012 7:05:51 AM

Quant Time: Oct 09 04:42:48 2012
 Quant Method : H:\VOL1\GCMSDATA\J\METHODS\BJ092412.M
 Quant Title : CWA degradation products by GCMS
 QLast Update : Thu Sep 27 16:58:07 2012
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	4.413	152	457386	2.00	ug/mL	0.00
6) Naphthalene-d8	5.680	136	2029293	2.00	ug/mL	0.00
System Monitoring Compounds						
10) Tripropylphosphate	6.747	99	361588	0.41	ug/mL	0.00
Spiked Amount 0.500	Range 70 - 130		Recovery	=	82.00%	
12) 2-Bromothioanisole	6.975	204	382142	2.44	ug/mL	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery	=	48.80%#	
Target Compounds						
						Qvalue
2) Dimethyl Disulfide	2.378	94	168346	0.84	ug/mL#	48
3) DMMP	3.303	79	86323	0.63	ug/mL	99
4) DIMP	4.698	97	205411	0.50	ug/mL	97
5) 1,4-Oxathiane	3.402	46	250697	1.30	ug/mL	93
7) 1,4-Dithiane	4.840	46	199421	1.15	ug/mL	95
8) Thiodiglycol	5.594	61	1415360m	8.61	ug/mL	
9) Benzothiazole	5.978	135	1441129	2.61	ug/mL	99
11) p-Chlorophenylmethyisu...	6.235	158	801580	2.46	ug/mL	95
13) p-Chlorophenylmethyisu...	7.629	159	469513	2.25	ug/mL#	91
14) p-Chlorophenylmethyisu...	7.829	111	678040	2.50	ug/mL	93

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

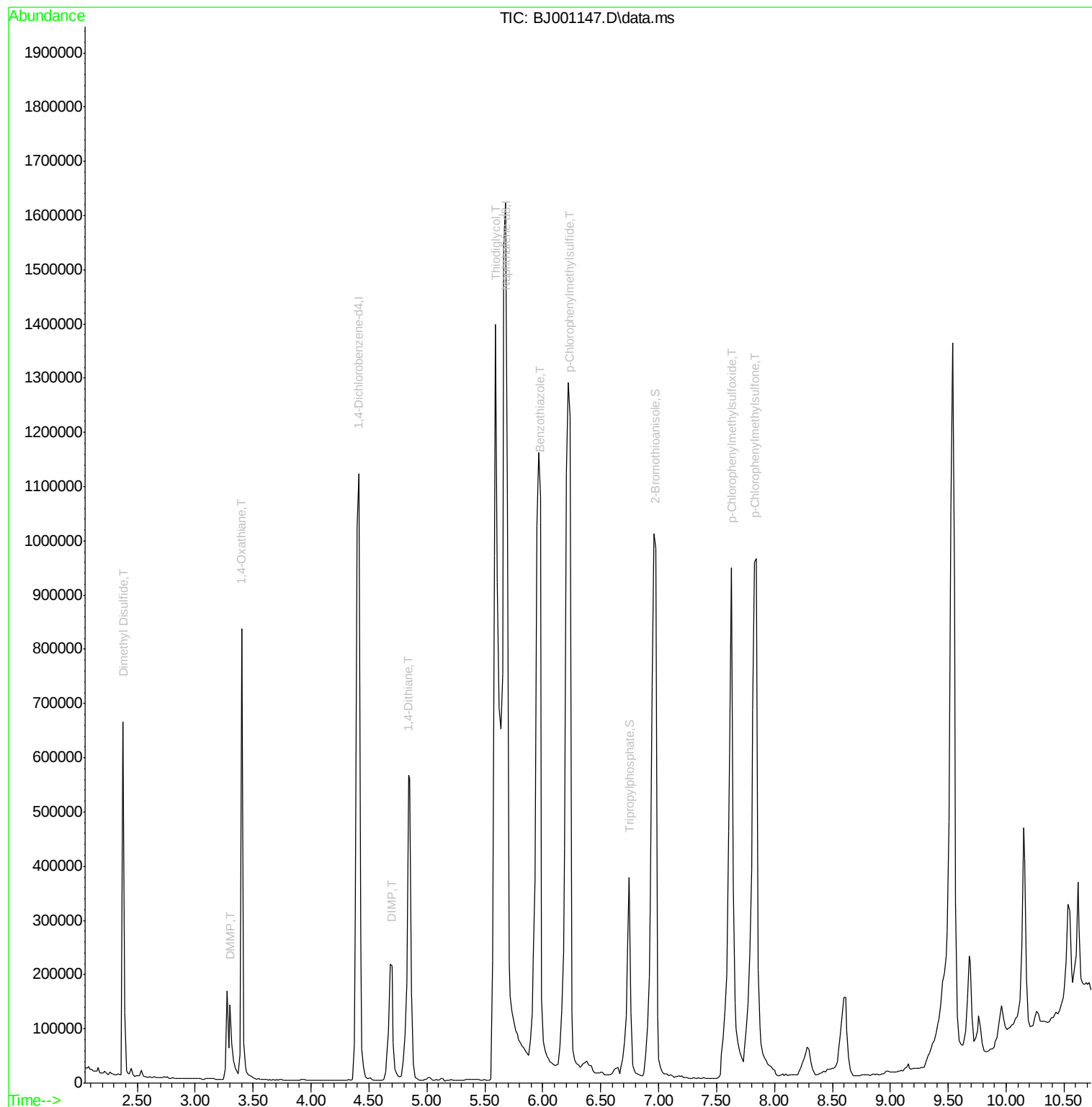
Data Path : S:\HPCHEM1\BNA_J\data\BJ092412\
Data File : BJ001147.D
Acq On : 24 Sep 2012 16:44
Operator : HLM
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ALS Vial : 5 Sample Multiplier: 1

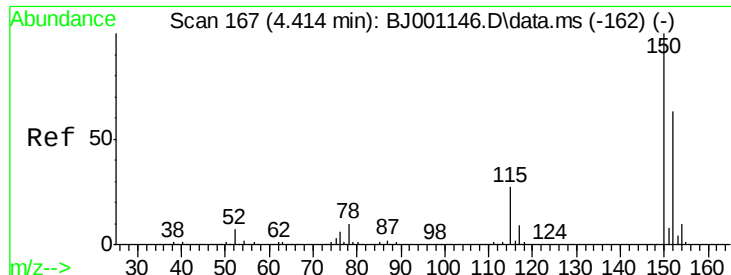
Instrument :
BNA_J
LabSampleId :
CWA-3

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Quant Time: Oct 09 04:42:48 2012
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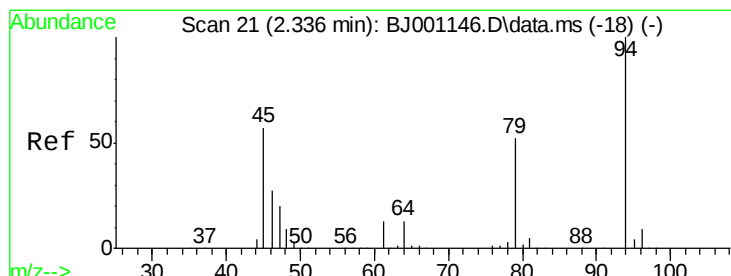
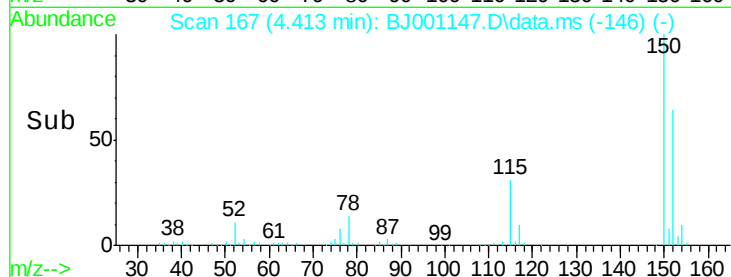
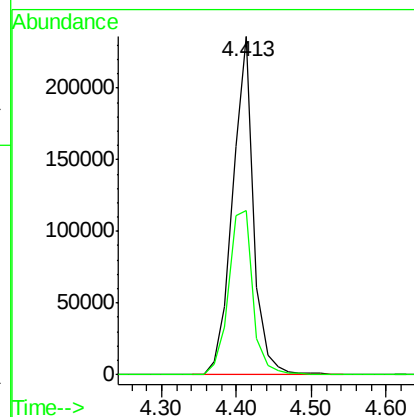
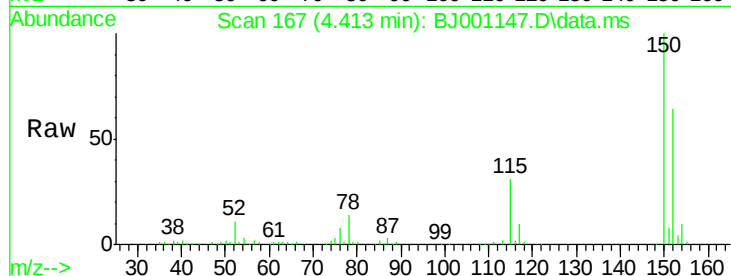
#1
 1,4-Dichlorobenzene-d4
 Concen: 2.00 ug/mL
 RT: 4.413 min Scan# 16
 Delta R.T. -0.001 min
 Lab File: BJ001147.D
 Acq: 24 Sep 2012 16:44

Instrument :
 BNA_J
 LabSampleId :
 CWA-3

Tgt Ion:152 Resp: 457386
 Ion Ratio Lower Upper
 152 100
 115 48.4 22.8 62.8

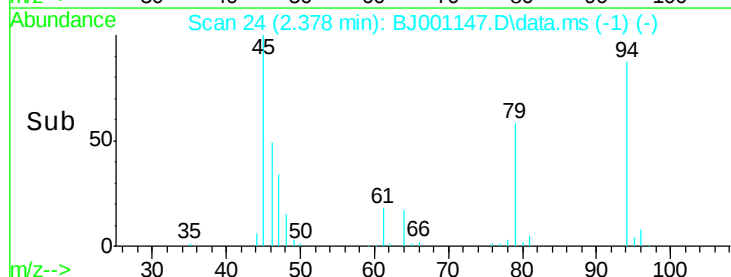
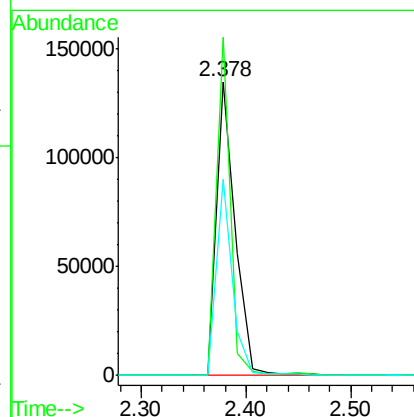
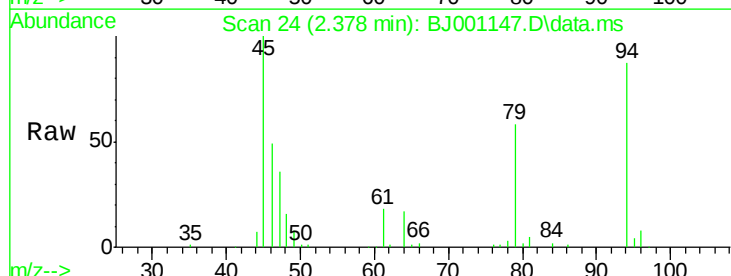
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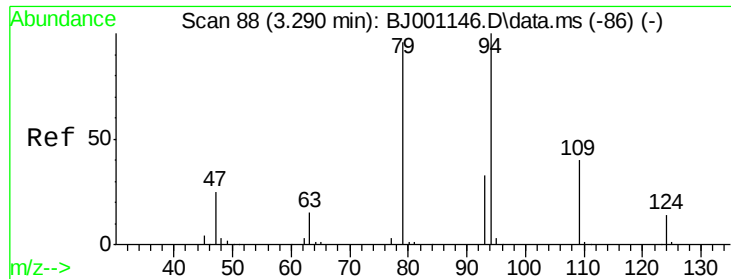
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#2
 Dimethyl Disulfide
 Concen: 0.84 ug/mL
 RT: 2.378 min Scan# 24
 Delta R.T. 0.042 min
 Lab File: BJ001147.D
 Acq: 24 Sep 2012 16:44

Tgt Ion: 94 Resp: 168346
 Ion Ratio Lower Upper
 94 100
 45 115.2 36.7 76.7#
 79 66.7 31.6 71.6





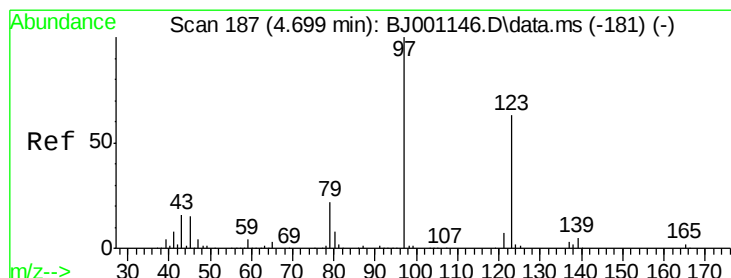
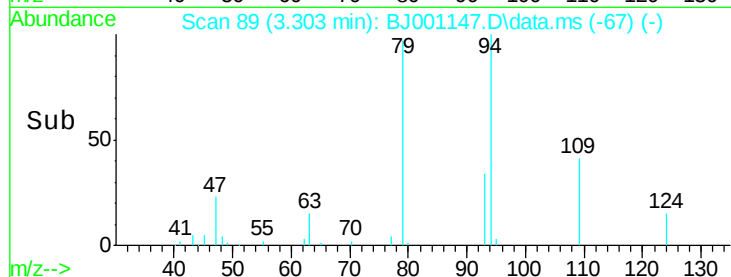
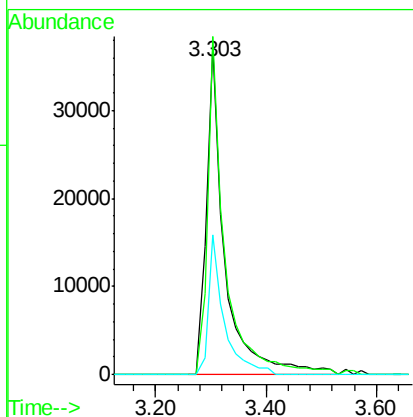
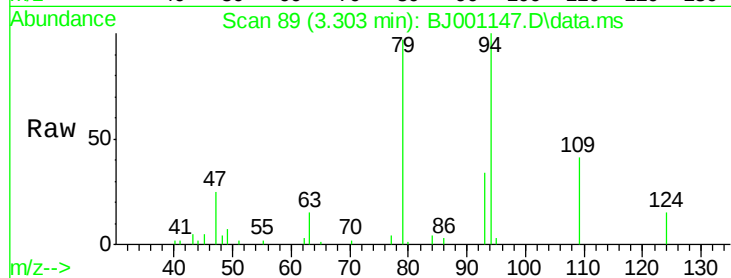
#3
DMMP
Concen: 0.63 ug/mL
RT: 3.303 min Scan# 89
Delta R.T. 0.013 min
Lab File: BJ001147.D
Acq: 24 Sep 2012 16:44

Instrument :
BNA_J
LabSampleId :
CWA-3

Tgt Ion: 79 Resp: 86323
Ion Ratio Lower Upper
79 100
94 103.1 83.7 123.7
109 42.8 21.5 61.5

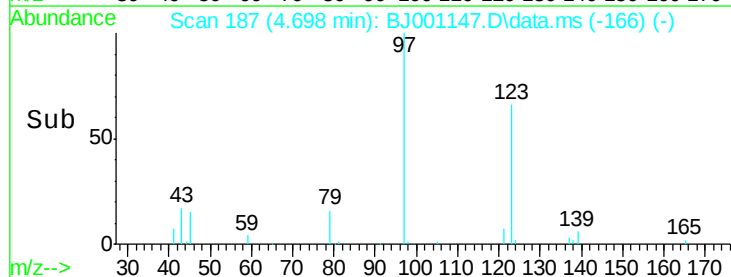
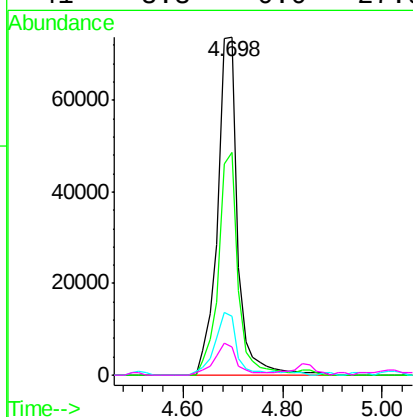
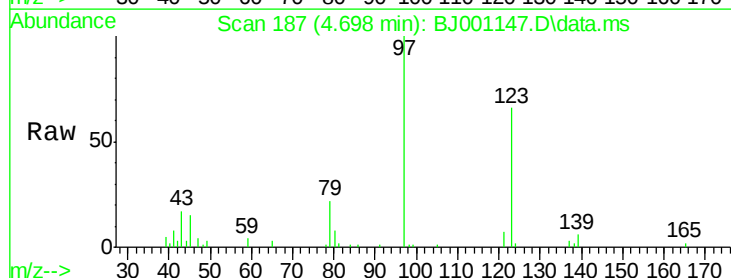
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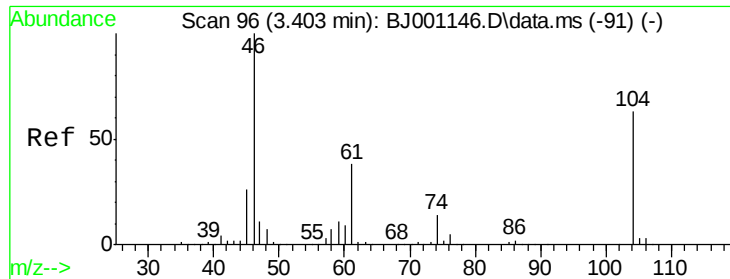
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#4
DIMP
Concen: 0.50 ug/mL
RT: 4.698 min Scan# 187
Delta R.T. -0.001 min
Lab File: BJ001147.D
Acq: 24 Sep 2012 16:44

Tgt Ion: 97 Resp: 205411
Ion Ratio Lower Upper
97 100
123 65.9 43.3 83.3
43 17.4 0.0 36.5
41 8.3 0.0 27.9





#5

1,4-Oxathiane

Concen: 1.30 ug/mL

RT: 3.402 min Scan# 96

Delta R.T. -0.001 min

Lab File: BJ001147.D

Acq: 24 Sep 2012 16:44

Instrument :

BNA_J

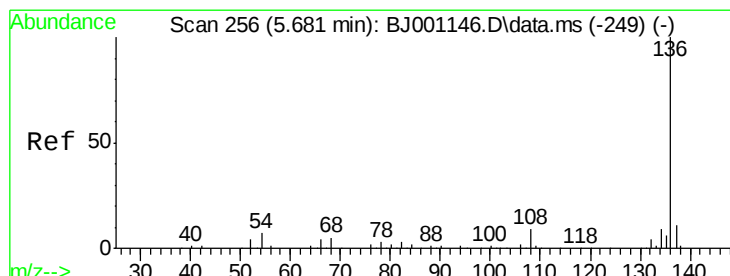
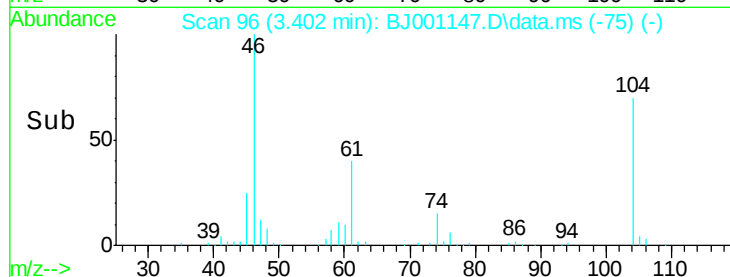
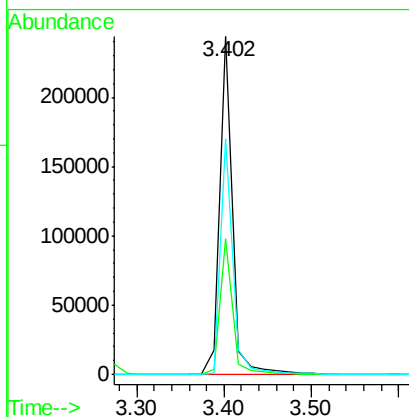
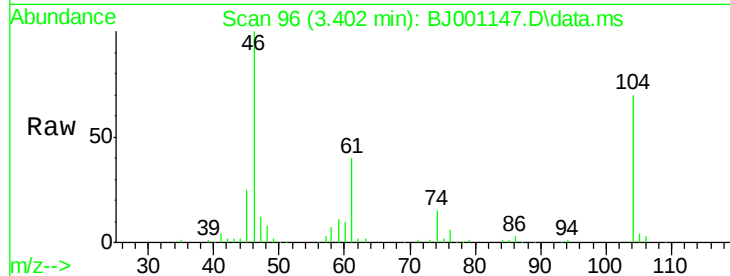
LabSampleId :

CWA-3

Tgt Ion:	46	Resp:	250697
Ion Ratio	Lower	Upper	
46	100		
61	40.0	18.0	58.0
104	69.7	43.0	83.0

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#6

Naphthalene-d8

Concen: 2.00 ug/mL

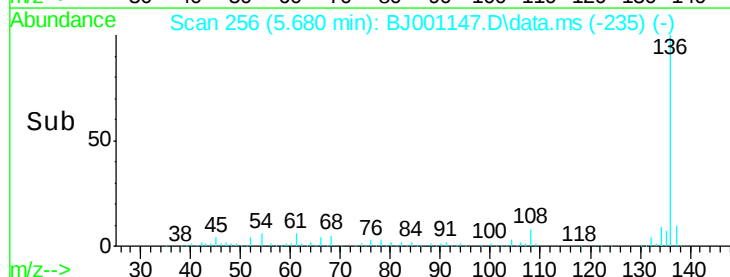
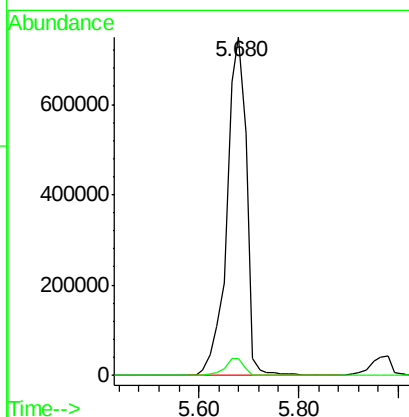
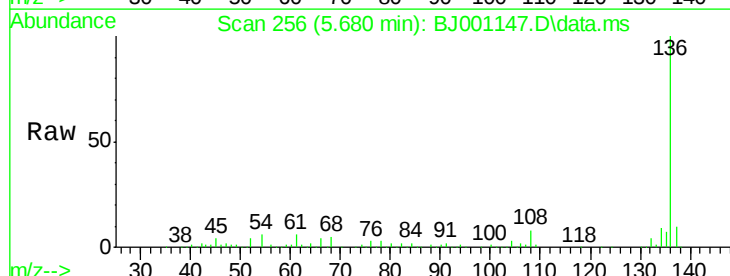
RT: 5.680 min Scan# 256

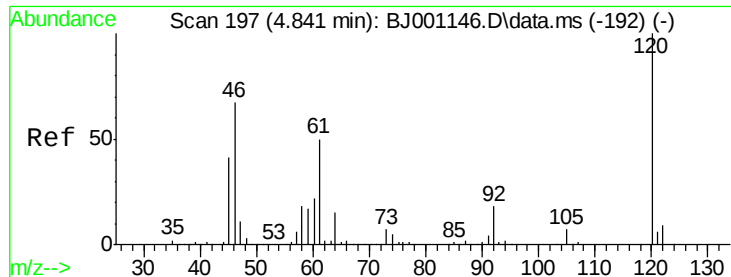
Delta R.T. -0.001 min

Lab File: BJ001147.D

Acq: 24 Sep 2012 16:44

Tgt Ion:	136	Resp:	2029293
Ion Ratio	Lower	Upper	
136	100		
68	4.9	0.0	24.9





#7

1,4-Dithiane

Concen: 1.15 ug/mL

RT: 4.840 min Scan# 19

Delta R.T. -0.001 min

Lab File: BJ001147.D

Acq: 24 Sep 2012 16:44

Instrument :

BNA_J

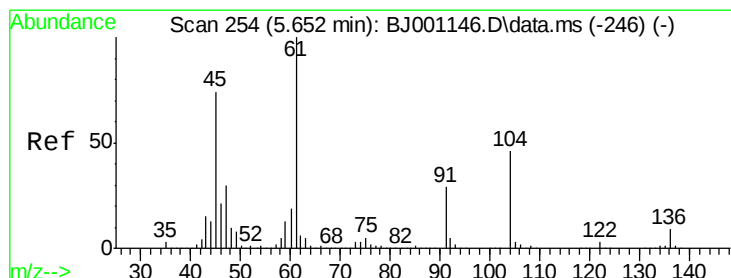
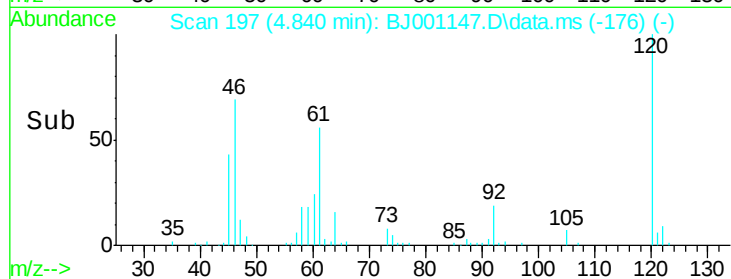
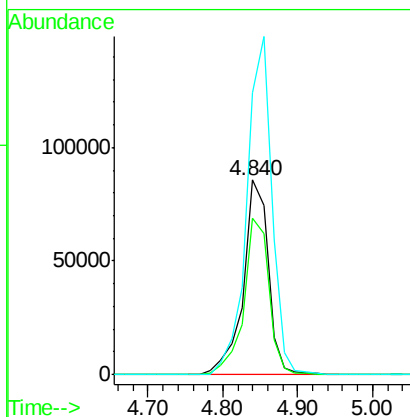
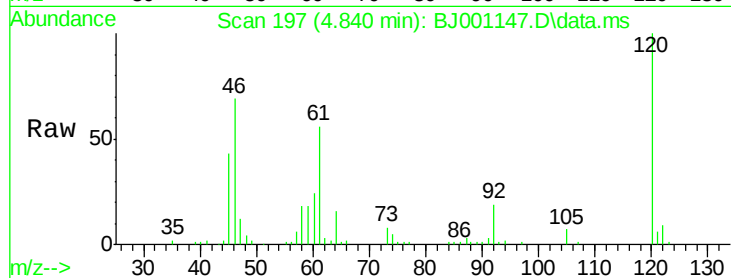
LabSampleId :

CWA-3

Tgt Ion:	46	Resp:	199421
Ion Ratio	Lower	Upper	
46	100		
61	80.7	54.6	94.6
120	144.9	129.2	169.2

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#8

Thiodiglycol

Concen: 8.61 ug/mL m

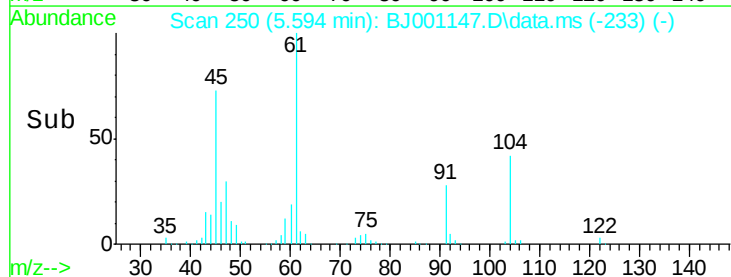
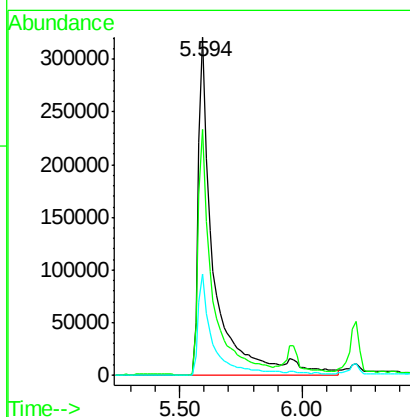
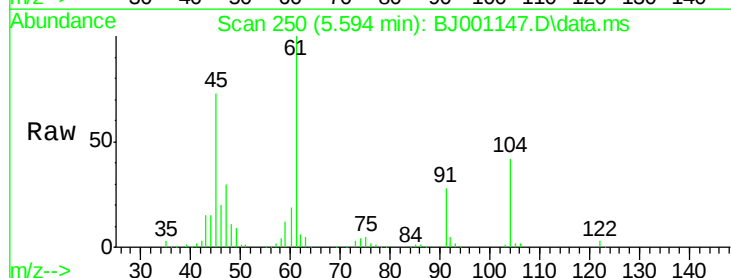
RT: 5.594 min Scan# 250

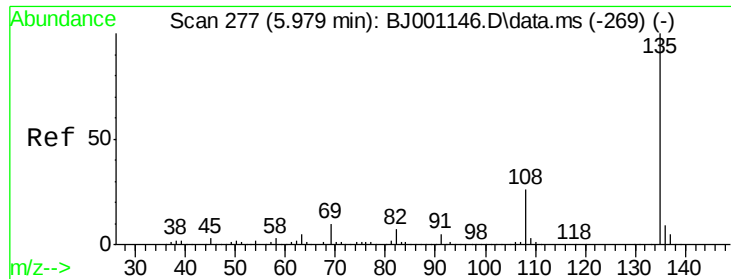
Delta R.T. -0.058 min

Lab File: BJ001147.D

Acq: 24 Sep 2012 16:44

Tgt Ion:	61	Resp:	1415360
Ion Ratio	Lower	Upper	
61	100		
45	72.8	54.2	94.2
47	30.0	9.7	49.7





#9

Benzothiazole

Concen: 2.61 ug/mL

RT: 5.978 min Scan# 27

Delta R.T. -0.001 min

Lab File: BJ001147.D

Acq: 24 Sep 2012 16:44

Instrument :

BNA_J

LabSampleId :

CWA-3

Tgt Ion:135 Resp: 1441129

Ion Ratio Lower Upper

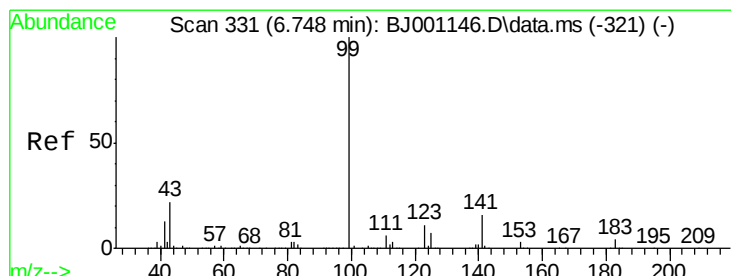
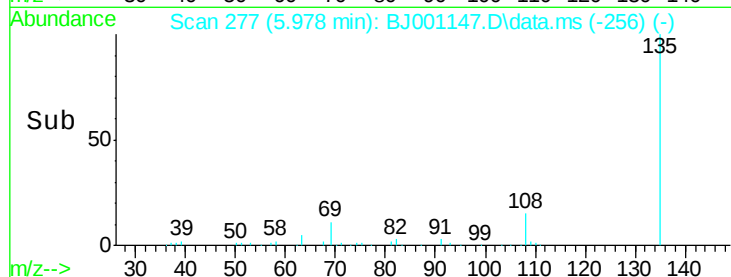
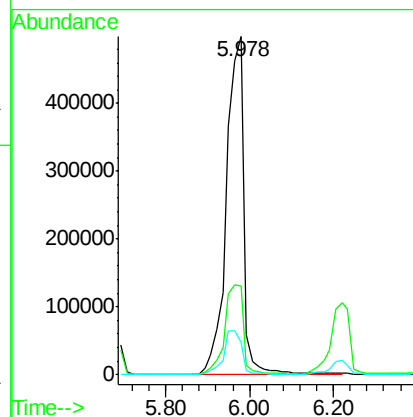
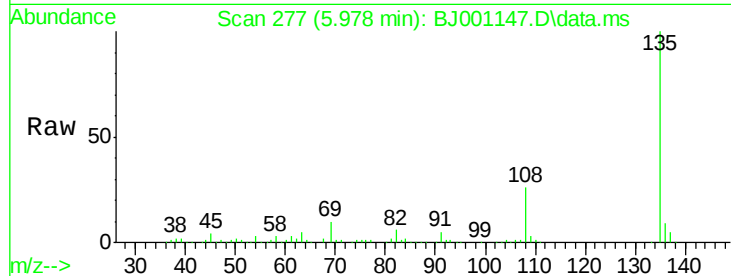
135 100

108 26.1 6.2 46.2

69 9.6 0.0 30.4

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#10

Tripropylphosphate

Concen: 0.41 ug/mL

RT: 6.747 min Scan# 331

Delta R.T. -0.001 min

Lab File: BJ001147.D

Acq: 24 Sep 2012 16:44

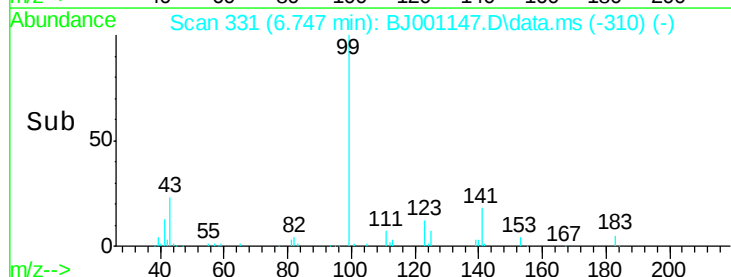
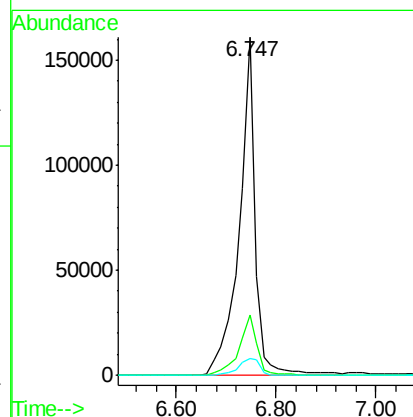
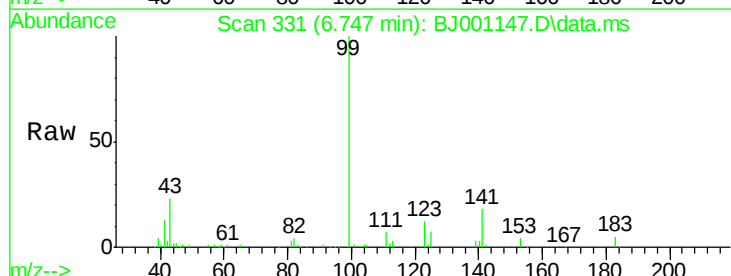
Tgt Ion: 99 Resp: 361588

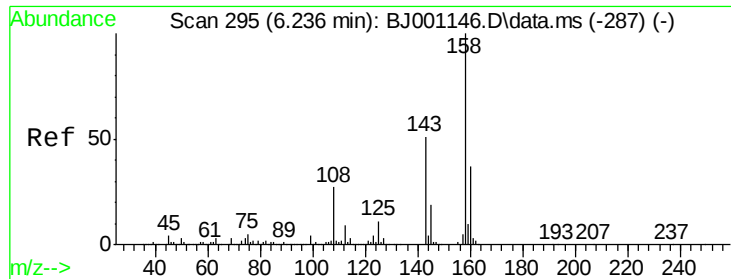
Ion Ratio Lower Upper

99 100

141 19.7 0.0 0.0#

183 6.4 0.0 0.0#





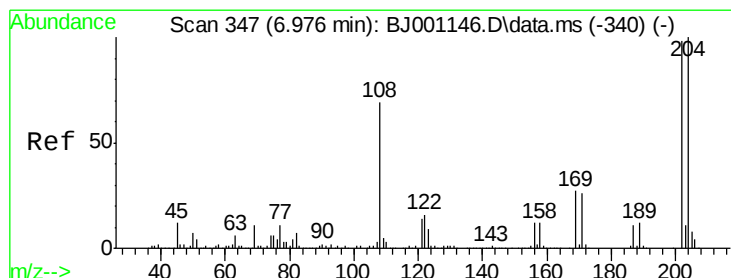
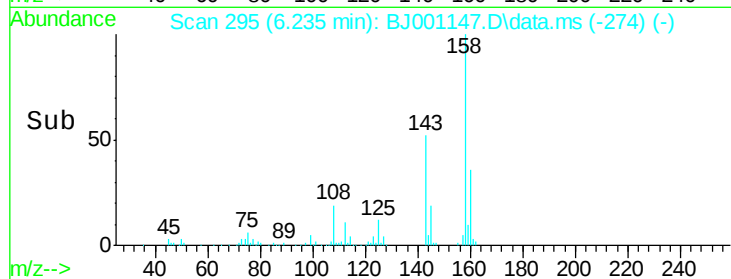
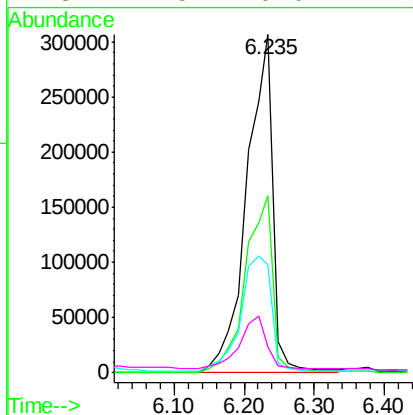
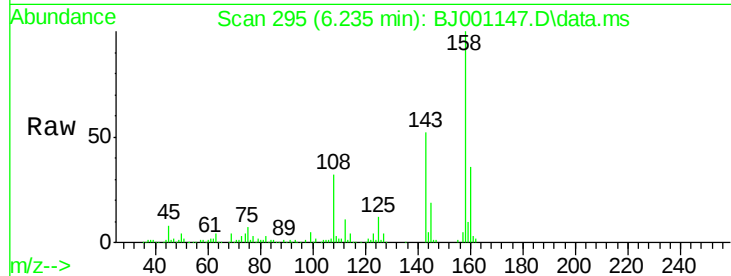
#11
p-Chlorophenylmethylsulfide
Concen: 2.46 ug/mL
RT: 6.235 min Scan# 29
Delta R.T. -0.001 min
Lab File: BJ001147.D
Acq: 24 Sep 2012 16:44

Instrument :
BNA_J
LabSampleId :
CWA-3

Tgt Ion:	158	Resp:	801580
Ion Ratio	Lower	Upper	
158	100		
143	52.5	30.6	70.6
108	31.7	6.9	46.9
45	7.5	0.0	24.3

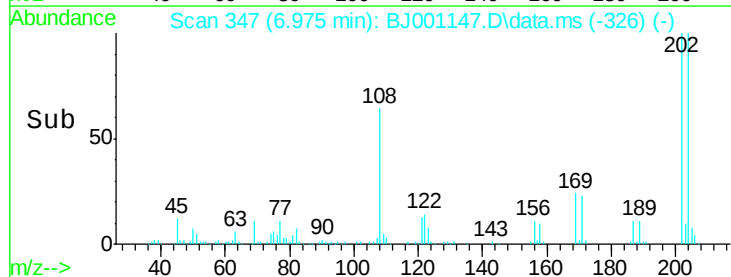
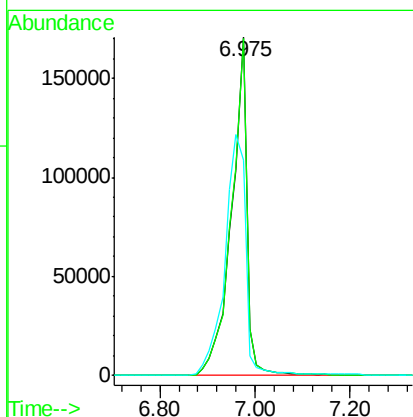
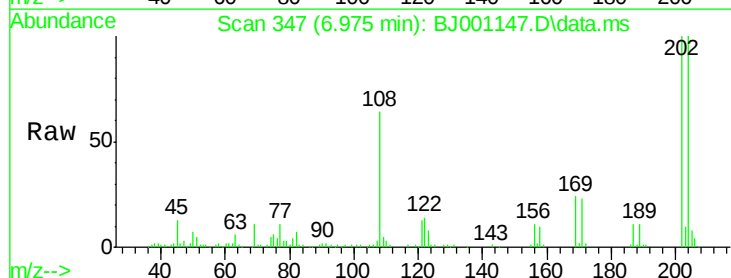
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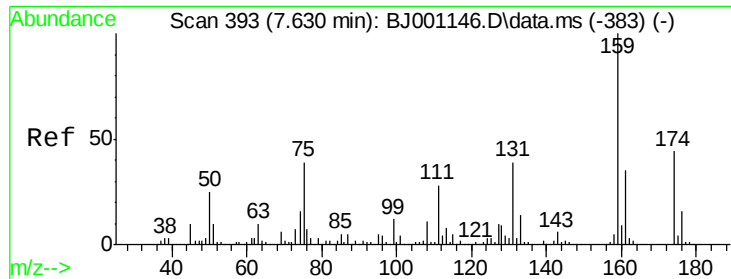
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#12
2-Bromothioanisole
Concen: 2.44 ug/mL
RT: 6.975 min Scan# 347
Delta R.T. -0.001 min
Lab File: BJ001147.D
Acq: 24 Sep 2012 16:44

Tgt Ion:	204	Resp:	382142
Ion Ratio	Lower	Upper	
204	100		
202	99.8	78.1	118.1
108	63.8	49.1	89.1





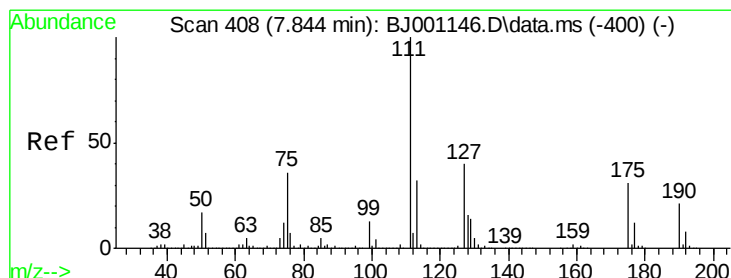
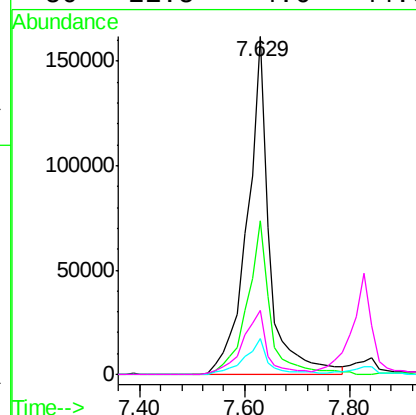
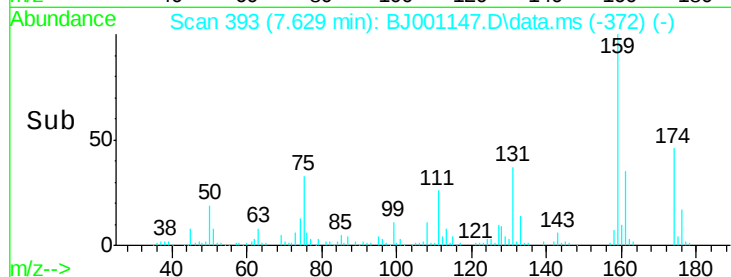
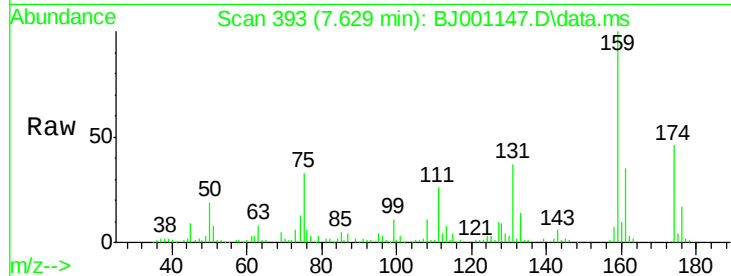
#13
p-Chlorophenylmethylsulfoxide
Concen: 2.25 ug/mL
RT: 7.629 min Scan# 391
Delta R.T. -0.001 min
Lab File: BJ001147.D
Acq: 24 Sep 2012 16:44

Instrument :
BNA_J
LabSampleId :
CWA-3

Tgt Ion	Ratio	Resp Lower	Resp Upper
159	100		
174	47.7	0.0	20.4#
108	11.8	0.0	22.2
50	21.5	4.6	44.6

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#14
p-Chlorophenylmethylsulfone
Concen: 2.50 ug/mL
RT: 7.829 min Scan# 407
Delta R.T. -0.015 min
Lab File: BJ001147.D
Acq: 24 Sep 2012 16:44

Tgt Ion	Ratio	Resp Lower	Resp Upper
111	100		
75	42.7	16.1	56.1
127	36.3	19.6	59.6
190	20.6	1.2	41.2

