

Data Path : S:\HPCHEM1\BNA_J\data\BJ100312\
 Data File : BJ001156.D
 Acq On : 3 Oct 2012 15:28
 Operator : HLM
 Sample : PB66007BS
 Misc : SOIL BNA_J HLM
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_J
 ClientSampleId :
 PB66007BS

Manual Integrations
 APPROVED

AHPatel
 10/9/2012 7:06:20 AM

Quant Time: Oct 05 08:59:19 2012
 Quant Method : H:\VOL1\GCMSDATA\J\METHODS\BJ092412.M
 Quant Title : CWA degradation products by GCMS
 QLast Update : Wed Oct 03 18:08:25 2012
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	4.402	152	448790	2.00	ug/mL	-0.01
6) Naphthalene-d8	5.669	136	1803706	2.00	ug/mL	-0.01
System Monitoring Compounds						
10) Tripropylphosphate	6.751	99	311595	0.46	ug/mL	0.00
Spiked Amount 0.500	Range 70 - 130		Recovery	=	92.00%	
12) 2-Bromothioanisole	6.979	204	578245	4.22	ug/mL	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery	=	84.40%	
Target Compounds						
					Qvalue	
2) Dimethyl Disulfide	2.510	94	623080m	3.87	ug/mL	
3) DMMP	3.307	79	311466	1.95	ug/mL#	78
4) DIMP	4.687	97	1125680	2.86	ug/mL	97
5) 1,4-Oxathiane	3.449	46	737043	4.08	ug/mL#	46
7) 1,4-Dithiane	4.844	46	628479	4.59	ug/mL#	81
8) Thiodiglycol	5.598	61	4582755m	36.17	ug/mL	
9) Benzothiazole	5.968	135	4466807	8.50	ug/mL	92
11) p-Chlorophenylmethyisu...	6.210	158	2427681	8.46	ug/mL	79
13) p-Chlorophenylmethyisu...	7.633	159	1632538	7.61	ug/mL	99
14) p-Chlorophenylmethyisu...	7.832	111	2123630	7.96	ug/mL	90

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

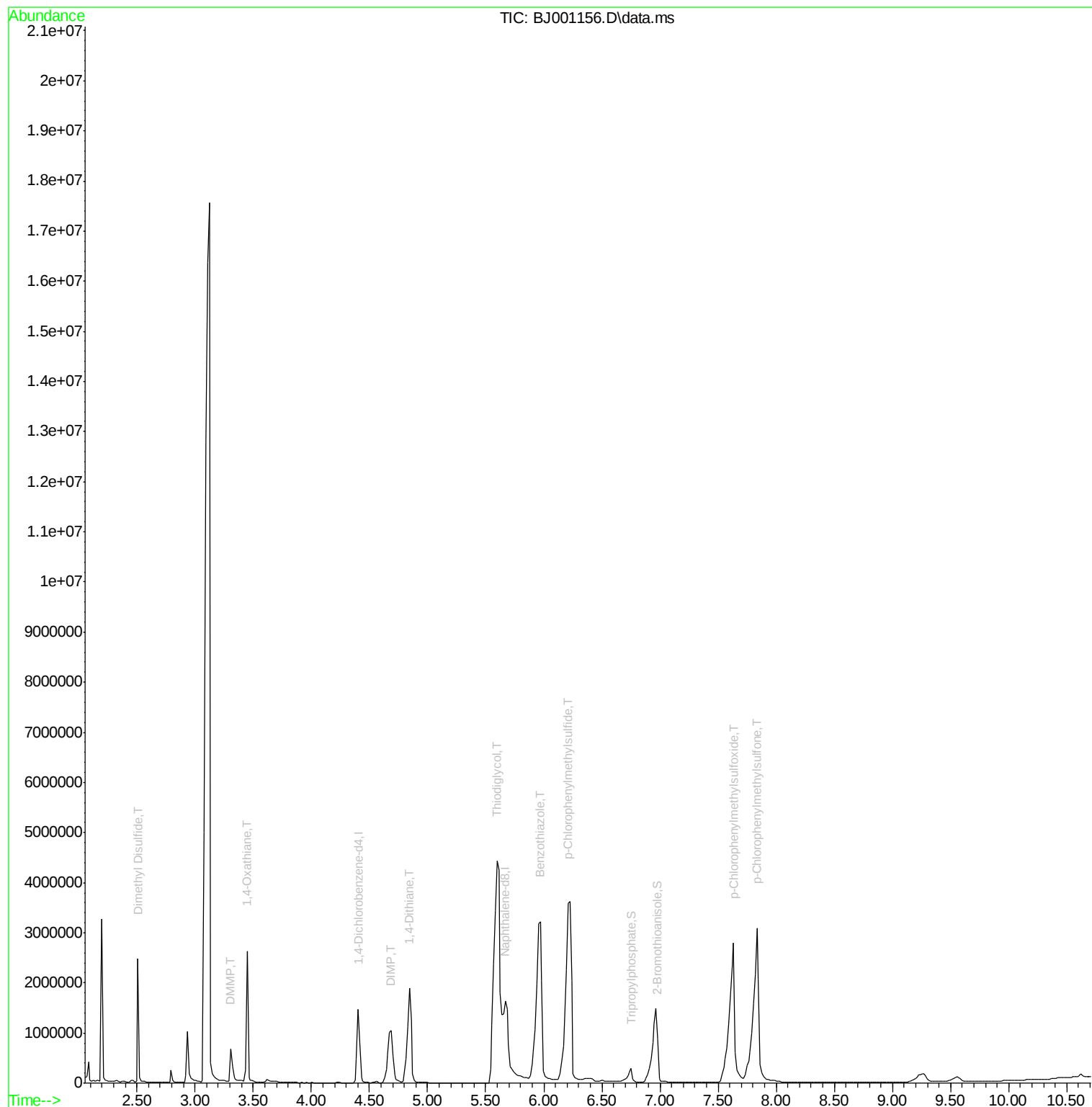
Data Path : S:\HPCHEM1\BNA_J\data\BJ100312\
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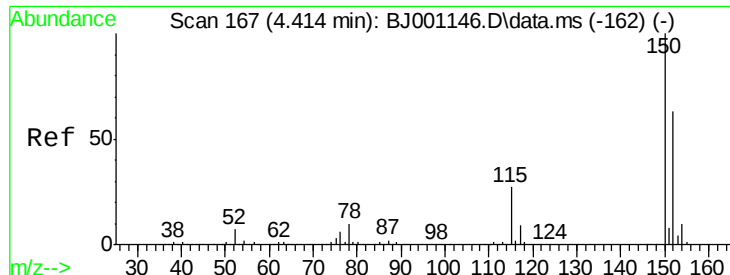
Instrument :
BNA_J
ClientSampleId :
PB66007BS

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Quant Time: Oct 05 08:59:19 2012
Quant Method : H:\VOL1\GCMSDATA\J\METHODS\BJ092412.M
Quant Title : CWA degradation products by GCMS
QLast Update : Wed Oct 03 18:08:25 2012
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 2.00 ug/mL

RT: 4.402 min Scan# 16

Delta R.T. -0.012 min

Lab File: BJ001156.D

Acq: 3 Oct 2012 15:28

Instrument :

BNA_J

ClientSampleId :

PB66007BS

Tgt Ion:152 Resp: 448790

Ion Ratio Lower Upper

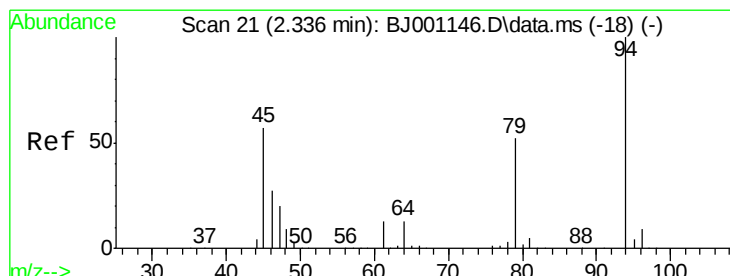
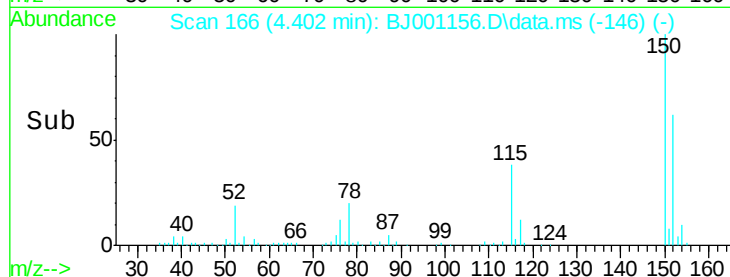
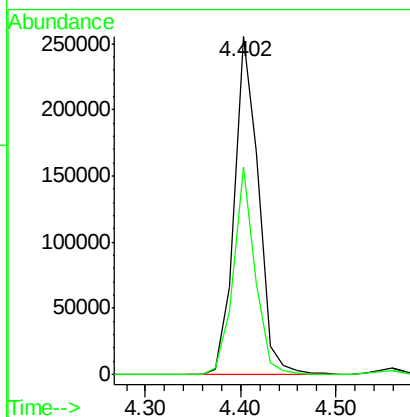
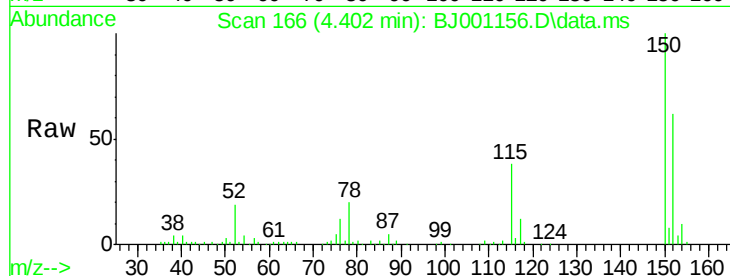
152 100

115 61.5 28.2 68.2

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#2

Dimethyl Disulfide

Concen: 3.87 ug/mL m

RT: 2.510 min Scan# 33

Delta R.T. 0.158 min

Lab File: BJ001156.D

Acq: 3 Oct 2012 15:28

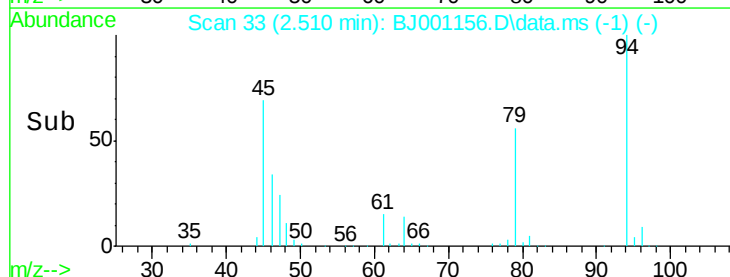
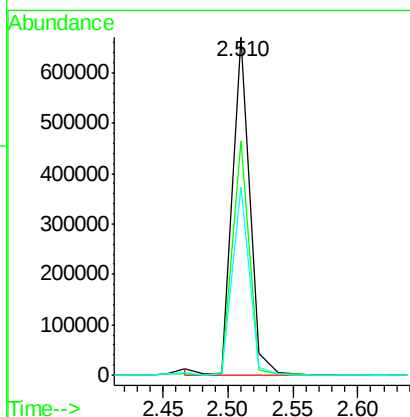
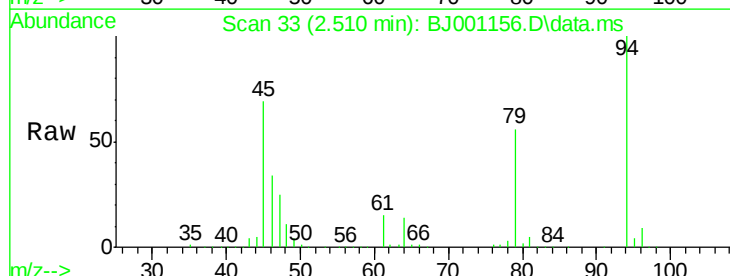
Tgt Ion: 94 Resp: 623080

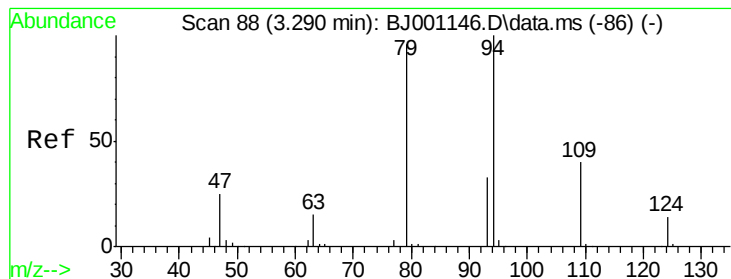
Ion Ratio Lower Upper

94 100

45 69.5 42.3 82.3

79 55.9 33.0 73.0





#3

DMMP

Concen: 1.95 ug/mL

RT: 3.307 min Scan# 89

Delta R.T. 0.016 min

Lab File: BJ001156.D

Acq: 3 Oct 2012 15:28

Instrument :

BNA_J

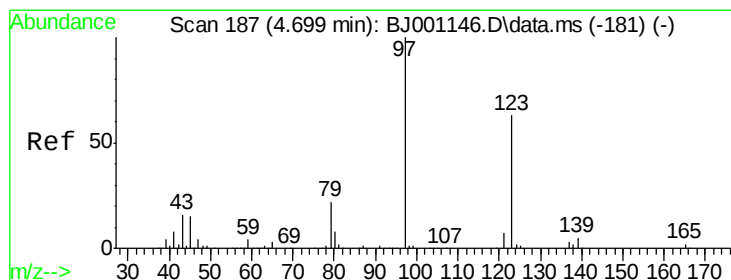
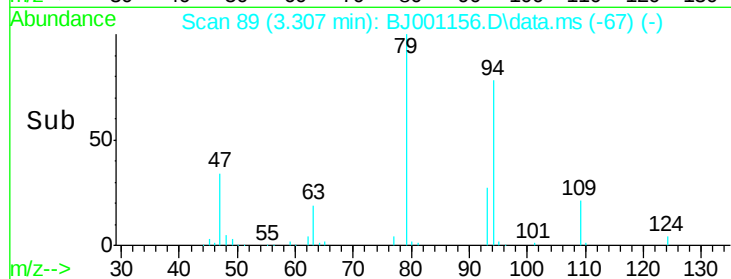
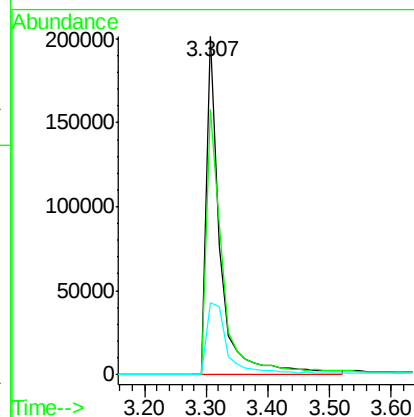
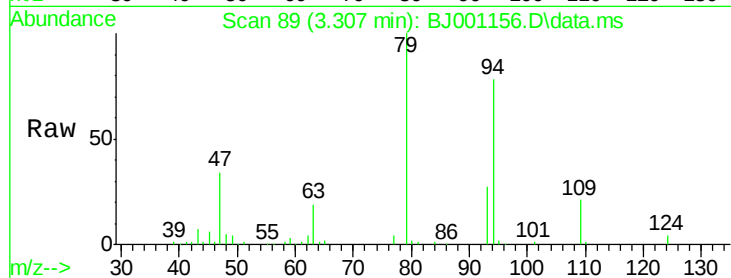
ClientSampleId :

PB66007BS

Tgt Ion	Ratio	Resp	Lower	Upper
79	100	311466		
94	78.4	78.6	118.6	#
109	21.3	17.6	57.6	

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#4

DIMP

Concen: 2.86 ug/mL

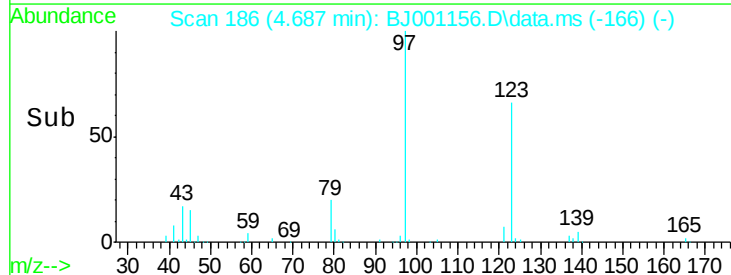
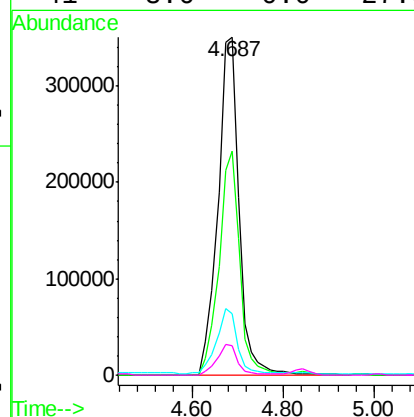
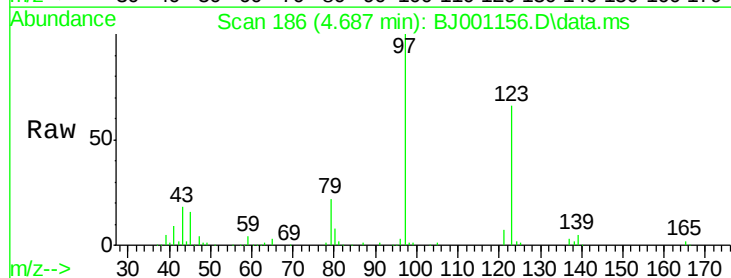
RT: 4.687 min Scan# 186

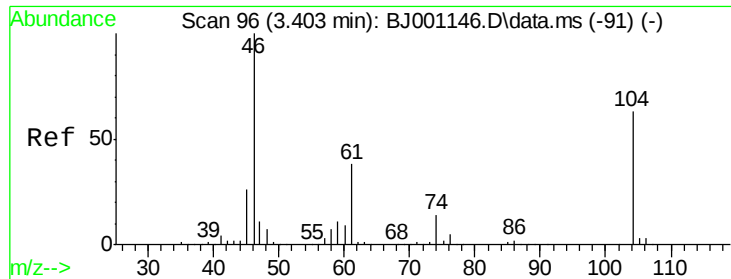
Delta R.T. -0.012 min

Lab File: BJ001156.D

Acq: 3 Oct 2012 15:28

Tgt Ion	Ratio	Resp	Lower	Upper
97	100	1125680		
123	66.4	47.5	87.5	
43	18.2	0.0	34.6	
41	8.6	0.0	27.0	





#5

1,4-Oxathiane

Concen: 4.08 ug/mL

RT: 3.449 min Scan# 99

Delta R.T. 0.045 min

Lab File: BJ001156.D

Acq: 3 Oct 2012 15:28

Instrument :

BNA_J

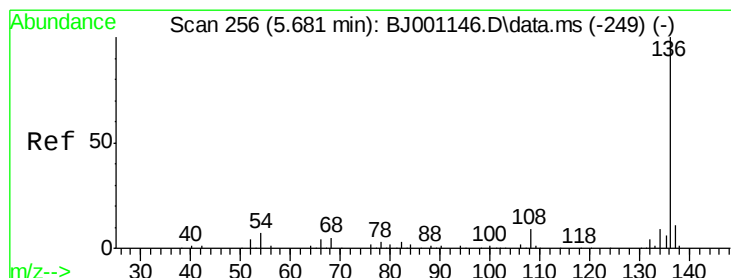
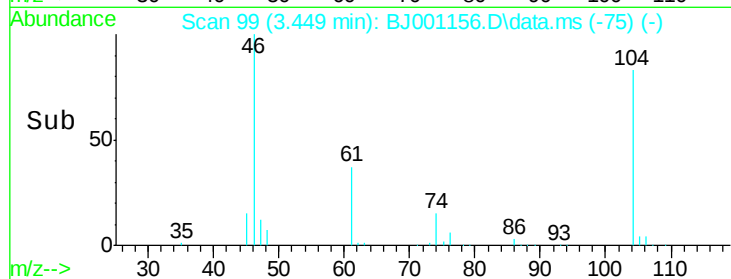
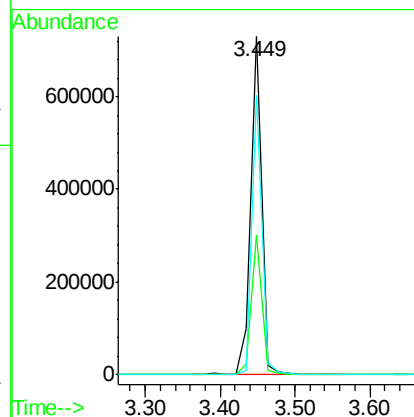
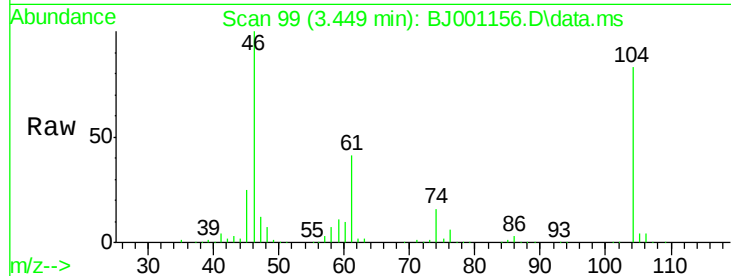
ClientSampleId :

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Tgt Ion	Ratio	Lower	Upper
46	100		
61	41.3	11.9	51.9
104	82.7	11.7	51.7#

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#6

Naphthalene-d8

Concen: 2.00 ug/mL

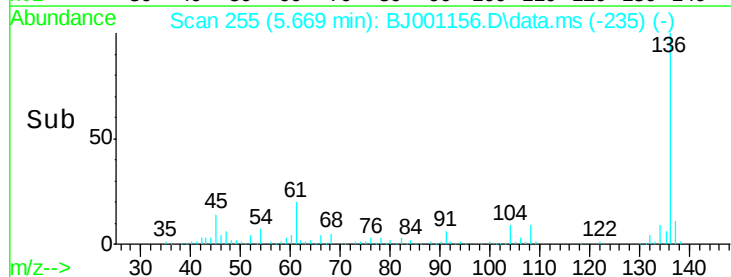
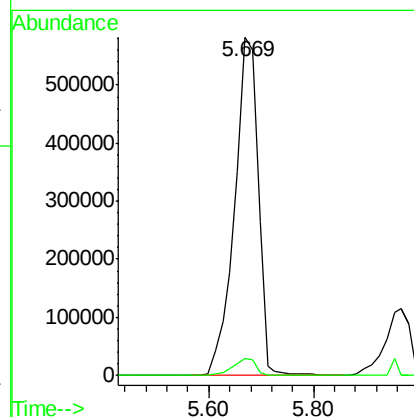
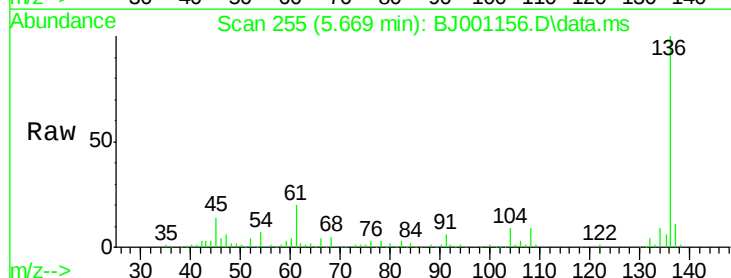
RT: 5.669 min Scan# 255

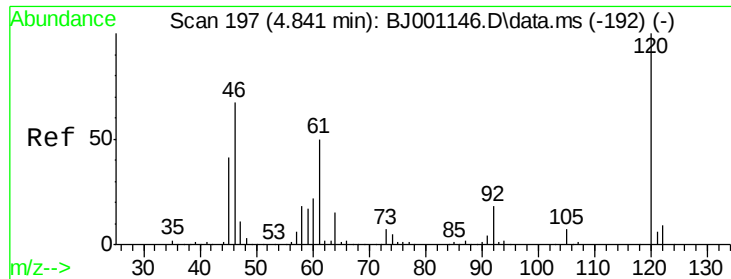
Delta R.T. -0.012 min

Lab File: BJ001156.D

Acq: 3 Oct 2012 15:28

Tgt Ion	Ratio	Lower	Upper
136	100		
68	5.1	0.0	24.8





#7

1,4-Dithiane

Concen: 4.59 ug/mL

RT: 4.844 min Scan# 197

Delta R.T. -0.012 min

Lab File: BJ001156.D

Acq: 3 Oct 2012 15:28

Instrument :

BNA_J

ClientSampleId :

PB66007BS

Tgt Ion: 46 Resp: 628479

Ion Ratio Lower Upper

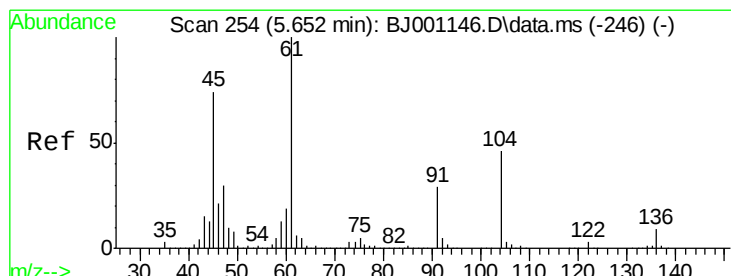
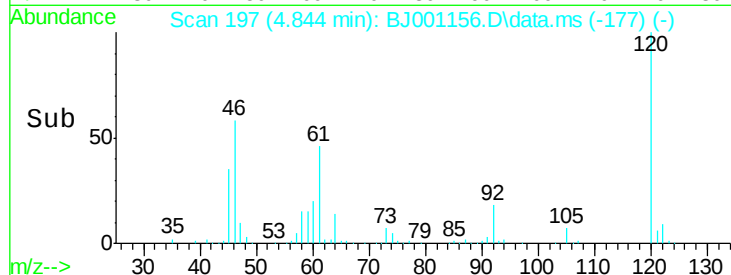
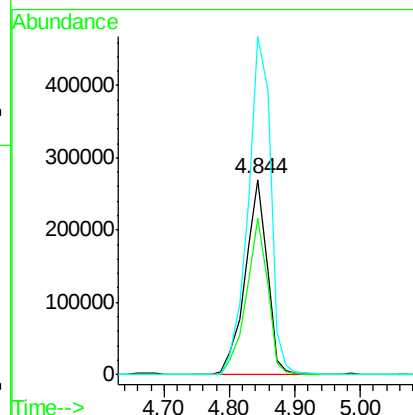
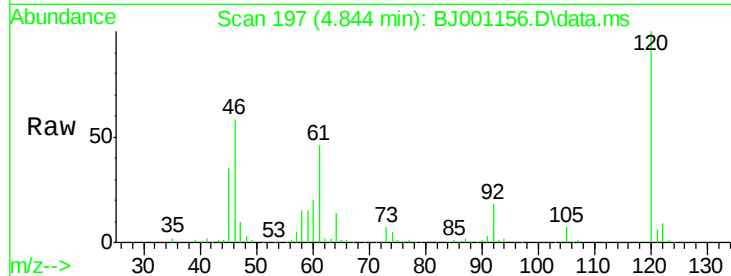
46 100

61 79.8 61.8 101.8

120 173.3 194.6 234.6#

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#8

Thiodiglycol

Concen: 36.17 ug/mL m

RT: 5.598 min Scan# 250

Delta R.T. -0.041 min

Lab File: BJ001156.D

Acq: 3 Oct 2012 15:28

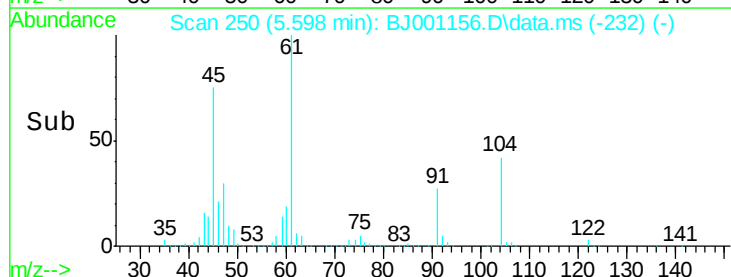
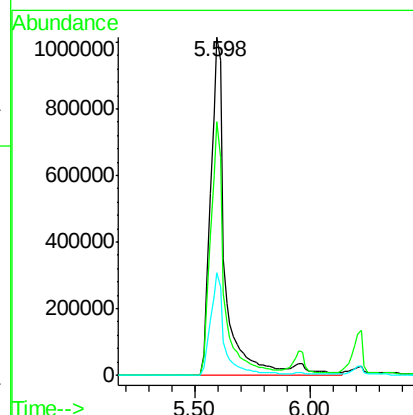
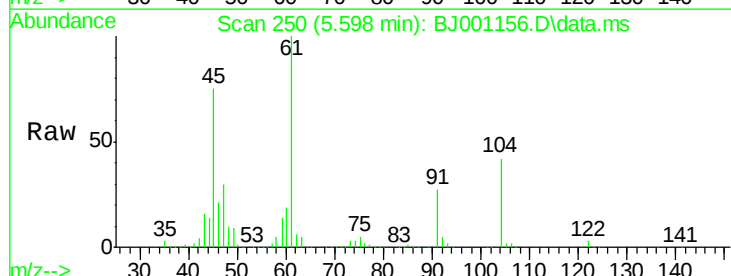
Tgt Ion: 61 Resp: 4582755

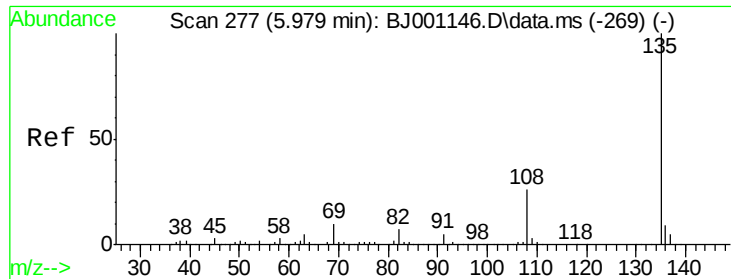
Ion Ratio Lower Upper

61 100

45 74.9 55.5 95.5

47 30.2 10.3 50.3





#9

Benzothiazole

Concen: 8.50 ug/mL

RT: 5.968 min Scan# 27

Delta R.T. -0.012 min

Lab File: BJ001156.D

Acq: 3 Oct 2012 15:28

Instrument :

BNA_J

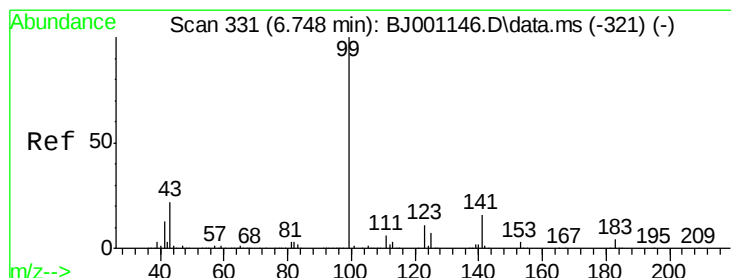
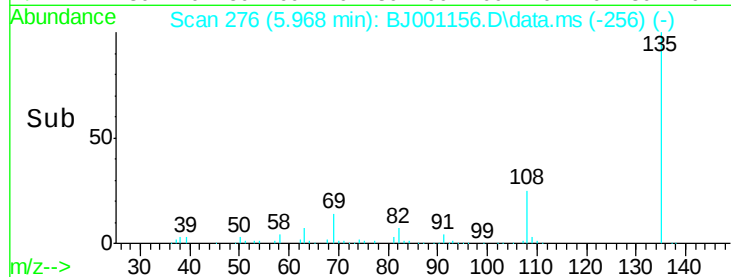
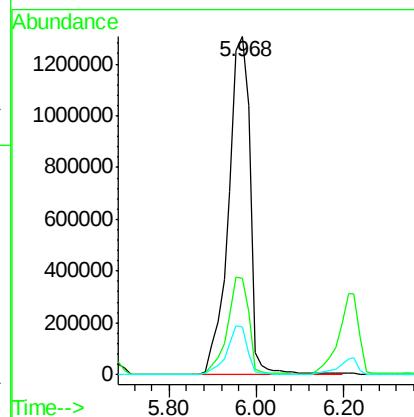
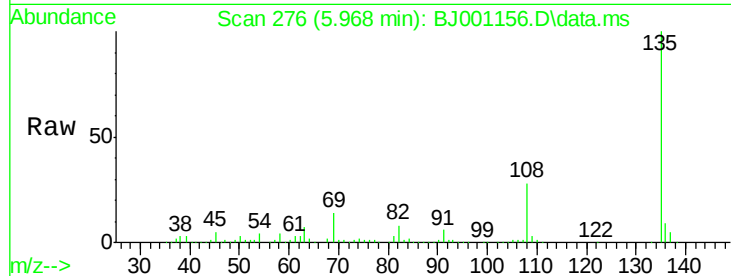
ClientSampleId :

PB66007BS

Tgt Ion:	135	Resp:	4466807
Ion Ratio	Lower	Upper	
135	100		
108	28.4	5.2	45.2
69	13.9	0.0	29.2

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#10

Tripropylphosphate

Concen: 0.46 ug/mL

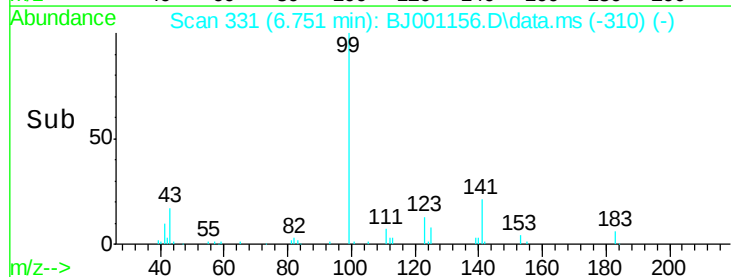
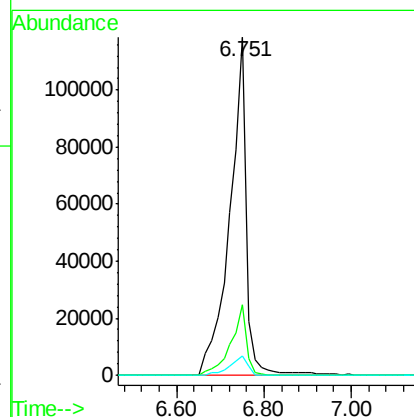
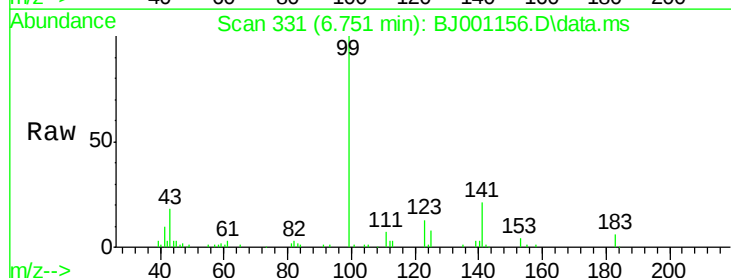
RT: 6.751 min Scan# 331

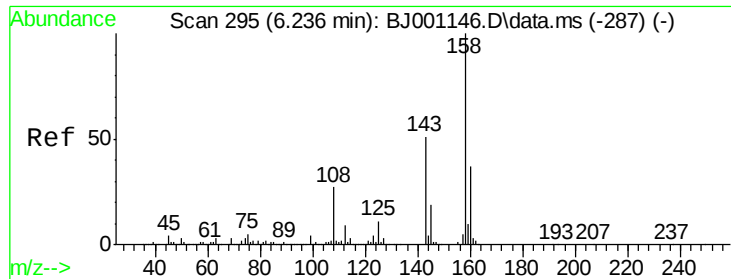
Delta R.T. 0.002 min

Lab File: BJ001156.D

Acq: 3 Oct 2012 15:28

Tgt Ion:	99	Resp:	311595
Ion Ratio	Lower	Upper	
99	100		
141	19.7	15.5	23.3
183	6.1	5.2	7.8





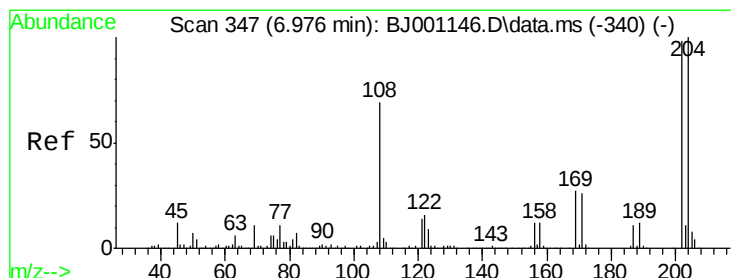
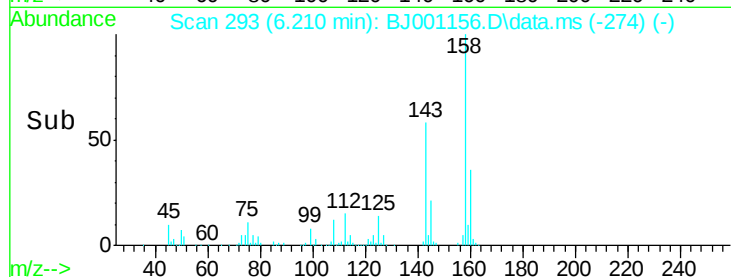
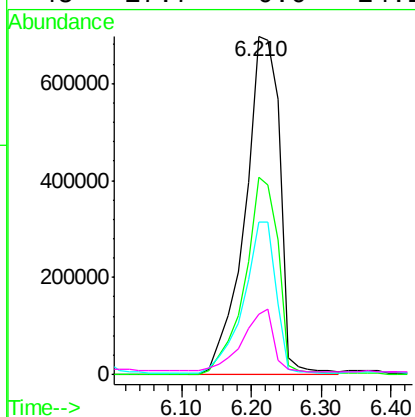
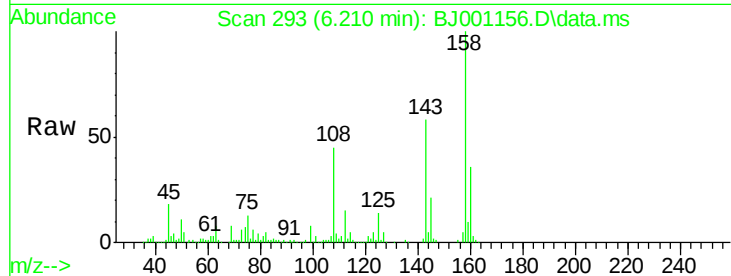
#11
p-Chlorophenylmethylsulfide
Concen: 8.46 ug/mL
RT: 6.210 min Scan# 29
Delta R.T. -0.027 min
Lab File: BJ001156.D
Acq: 3 Oct 2012 15:28

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Tgt Ion:	158	Resp:	2427681
Ion Ratio	Lower	Upper	
158	100		
143	58.2	30.4	70.4
108	45.1	6.0	46.0
45	17.7	0.0	24.2

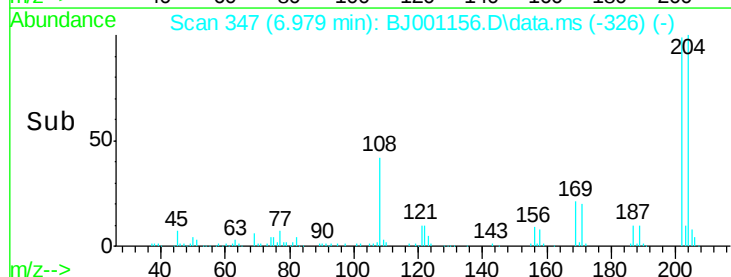
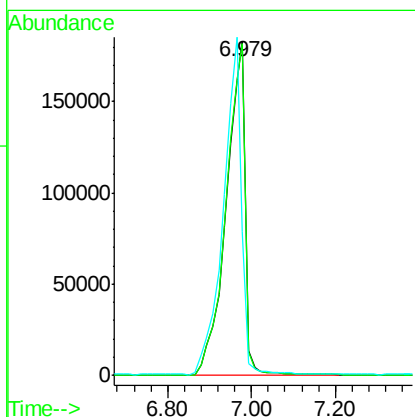
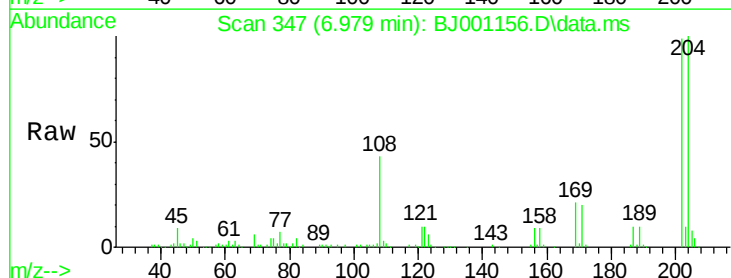
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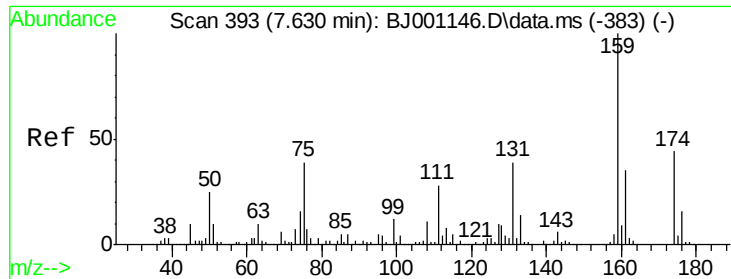
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#12
2-Bromothioanisole
Concen: 4.22 ug/mL
RT: 6.979 min Scan# 347
Delta R.T. 0.002 min
Lab File: BJ001156.D
Acq: 3 Oct 2012 15:28

Tgt Ion:	204	Resp:	578245
Ion Ratio	Lower	Upper	
204	100		
202	99.2	79.0	119.0
108	42.8	35.7	75.7





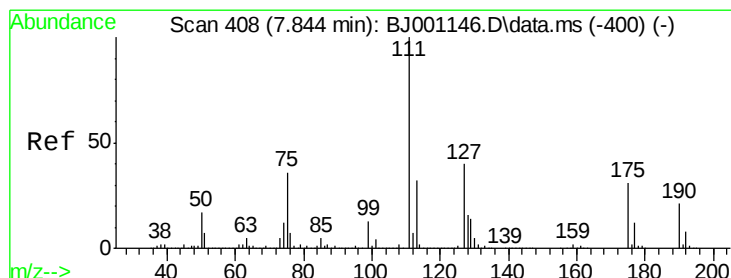
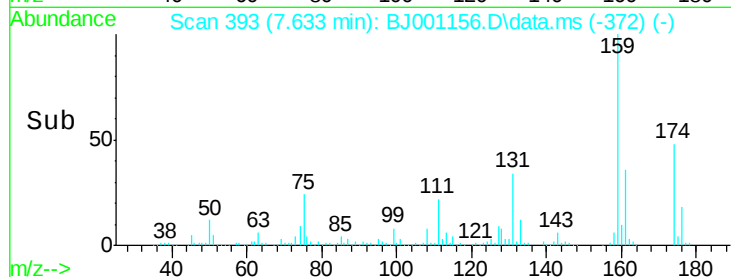
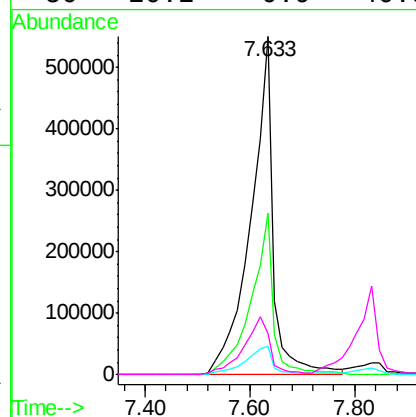
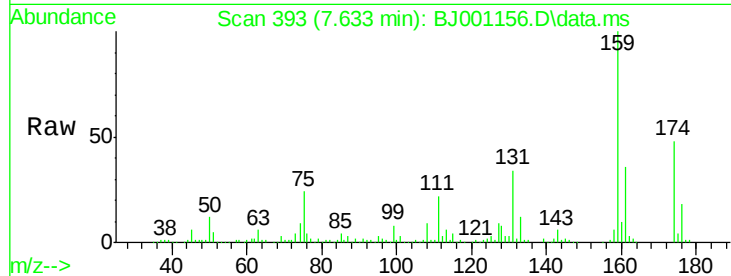
#13
p-Chlorophenylmethylsulfoxide
Concen: 7.61 ug/mL
RT: 7.633 min Scan# 391
Delta R.T. 0.002 min
Lab File: BJ001156.D
Acq: 3 Oct 2012 15:28

Instrument :
BNA_J
ClientSampleId :
PB66007BS

Tgt Ion	Ratio	Resp	Lower	Upper
159	100	1632538		
174	47.2	27.0	67.0	
108	10.5	0.0	29.9	
50	20.2	0.9	40.9	

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#14
p-Chlorophenylmethylsulfone
Concen: 7.96 ug/mL
RT: 7.832 min Scan# 407
Delta R.T. -0.012 min
Lab File: BJ001156.D
Acq: 3 Oct 2012 15:28

Tgt Ion	Ratio	Resp	Lower	Upper
111	100	2123630		
75	41.1	11.0	51.0	
127	37.3	21.3	61.3	
190	21.2	3.9	43.9	

