

Data Path : S:\HPCHEM1\BNA_J\data\BJ100312\
 Data File : BJ001154.D
 Acq On : 3 Oct 2012 13:05
 Operator : HLM
 Sample : CWA-CCV
 Misc : BNA_J HLM
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_J
 LabSampleId :
 CWA-CCV

Manual Integrations
 APPROVED

AHPatel
 10/9/2012 7:06:18 AM

Quant Time: Oct 09 04:54:39 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	4.415	152	618136	2.00	ug/mL	0.00
6) Naphthalene-d8	5.681	136	2552179	2.00	ug/mL	0.00
System Monitoring Compounds						
10) Tripropylphosphate	6.749	99	2518397	2.62	ug/mL	0.00
Spiked Amount 0.500	Range 70 - 130		Recovery	=	524.00%#	
12) 2-Bromothioanisole	6.977	204	2376258	12.26	ug/mL	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery	=	245.20%#	
Target Compounds						
						Qvalue
2) Dimethyl Disulfide	2.351	94	1412714	6.56	ug/mL	100
3) DMMP	3.290	79	592135	2.69	ug/mL	100
4) DIMP	4.699	97	1463271	2.70	ug/mL	100
5) 1,4-Oxathiane	3.404	46	1366692	5.50	ug/mL	100
7) 1,4-Dithiane	4.856	46	1222237	6.30	ug/mL	100
8) Thiodiglycol	5.639	61	7764482m	43.32	ug/mL	
9) Benzothiazole	5.980	135	9114632	12.26	ug/mL	100
11) p-Chlorophenylmethyisu...	6.237	158	4990153	12.29	ug/mL	100
13) p-Chlorophenylmethyisu...	7.631	159	3241812m	10.38	ug/mL	
14) p-Chlorophenylmethyisu...	7.845	111	4423115	11.72	ug/mL	100

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

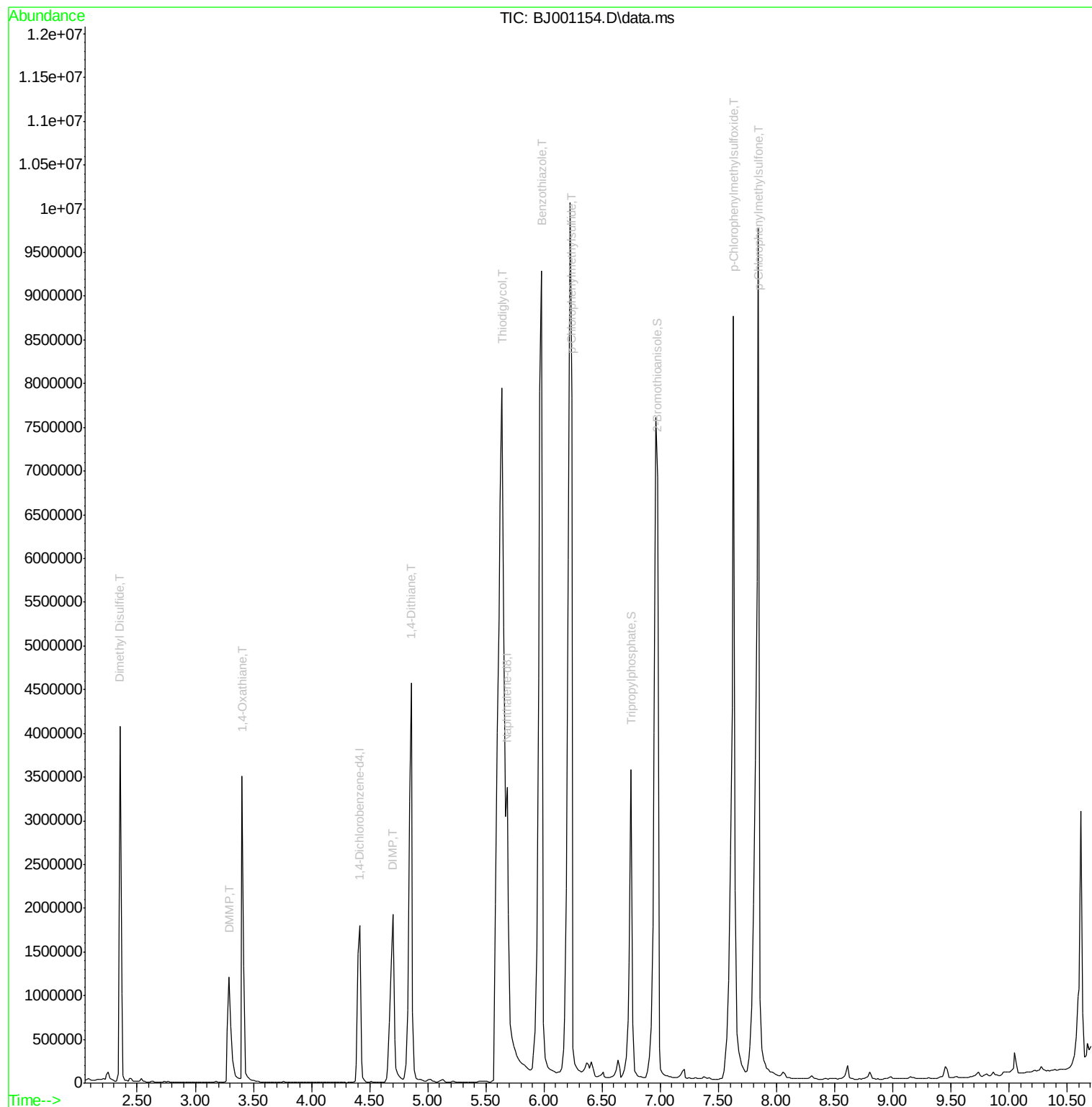
Data Path : S:\HPCHEM1\BNA_J\data\BJ100312\
Data File : BJ001154.D
Acq On : 3 Oct 2012 13:05
Operator : HLM
Sample : CWA-CCV
Misc : BNA_J HLM
ALS Vial : 2 Sample Multiplier: 1

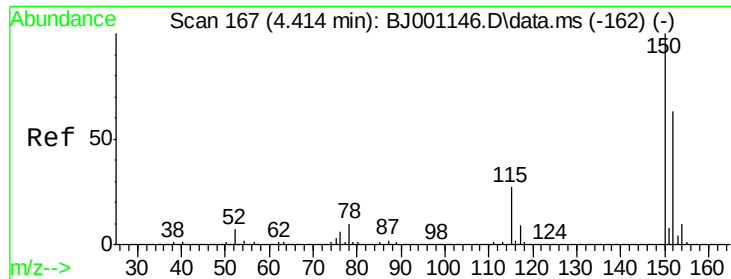
Instrument :
BNA_J
LabSampleId :
CWA-CCV

Manual Integrations
APPROVED

AHPatel
10/9/2012 7:06:18 AM

Quant Time: Oct 09 04:54:39 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: 4.415 min Scan# 16

Delta R.T. 0.000 min

Lab File: BJ001154.D

Acq: 3 Oct 2012 13:05

Instrument :

BNA_J

LabSampleId :

CWA-CCV

Tgt Ion:152 Resp: 618136

Ion Ratio Lower Upper

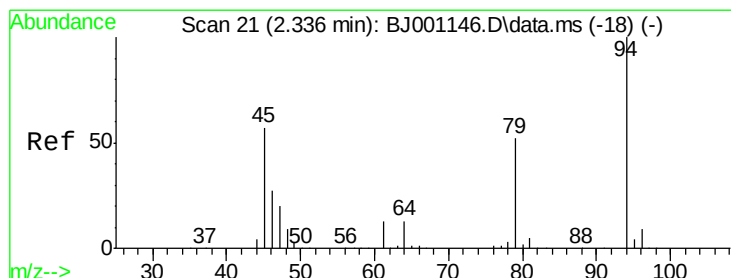
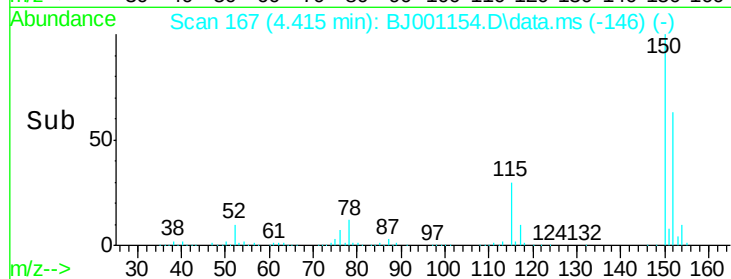
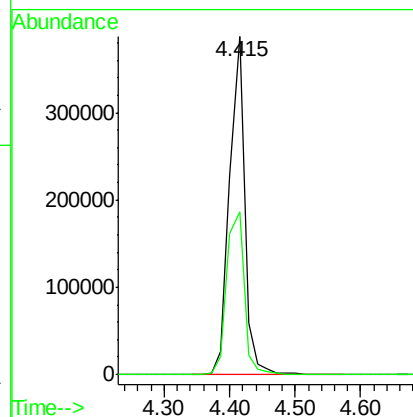
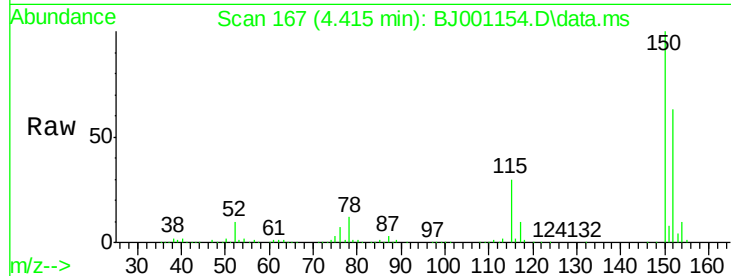
152 100

115 48.2 28.2 68.2

Manual Integrations
APPROVED

AHPatel

10/9/2012 7:06:18 AM



#2

Dimethyl Disulfide

Concen: 6.56 ug/mL

RT: 2.351 min Scan# 22

Delta R.T. 0.000 min

Lab File: BJ001154.D

Acq: 3 Oct 2012 13:05

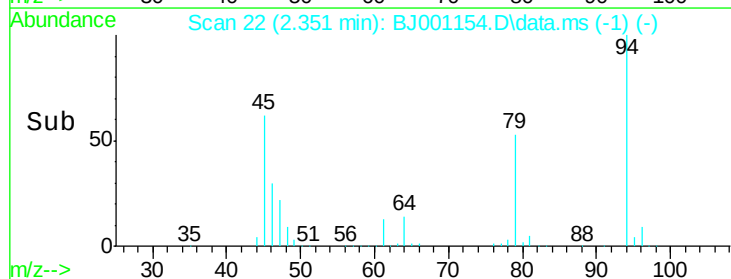
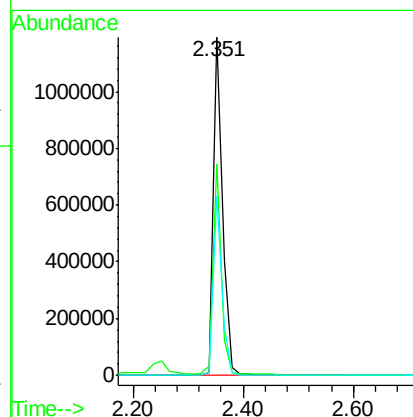
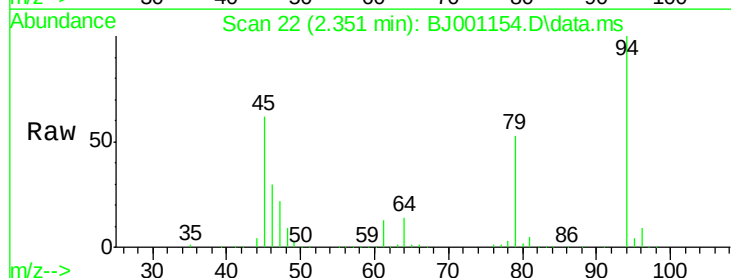
Tgt Ion: 94 Resp: 1412714

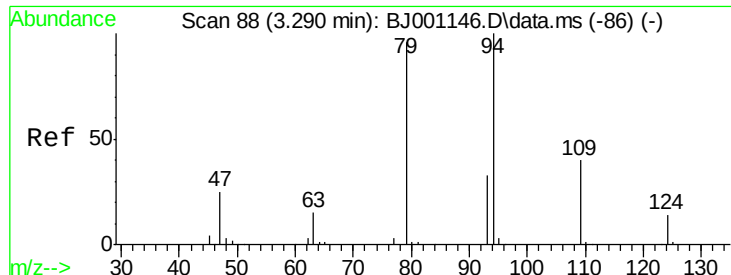
Ion Ratio Lower Upper

94 100

45 62.3 42.3 82.3

79 53.0 33.0 73.0





#3

DMMP

Concen: 2.69 ug/mL

RT: 3.290 min Scan# 88

Delta R.T. 0.000 min

Lab File: BJ001154.D

Acq: 3 Oct 2012 13:05

Instrument :

BNA_J

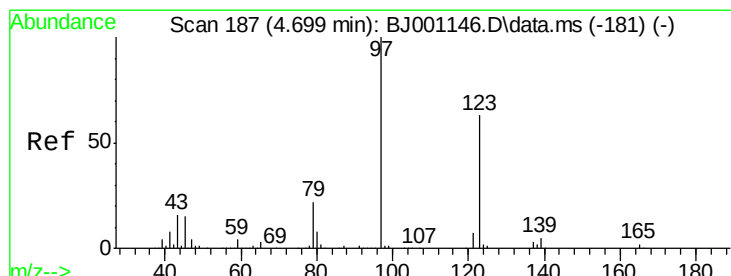
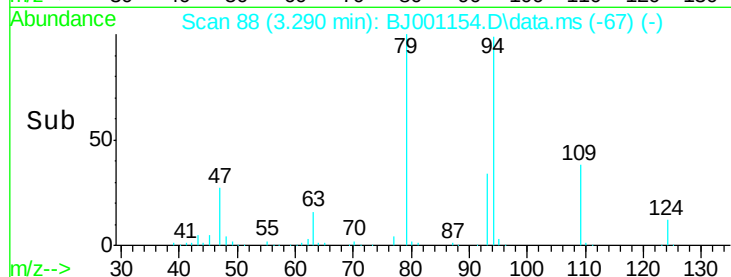
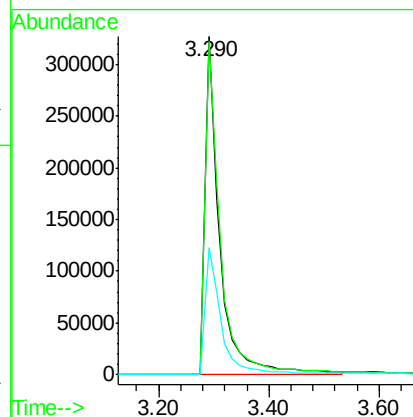
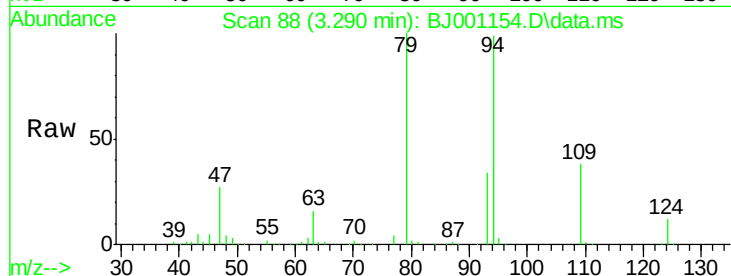
LabSampleId :

CWA-CCV

Tgt Ion:	79	Resp:	592135
Ion Ratio	Lower	Upper	
79	100		
94	98.6	78.6	118.6
109	37.6	17.6	57.6

Manual Integrations
APPROVED

AHPatel
10/9/2012 7:06:18 AM



#4

DIMP

Concen: 2.70 ug/mL

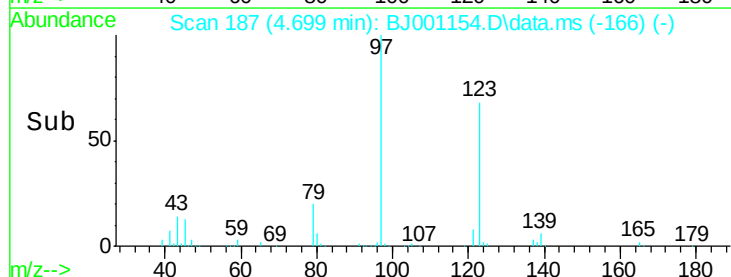
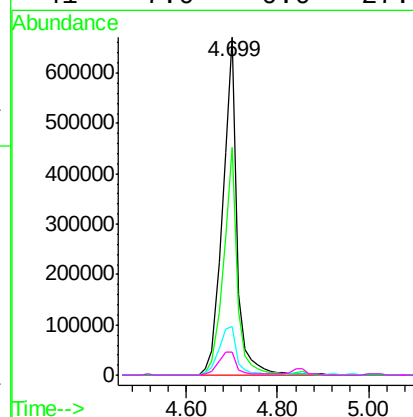
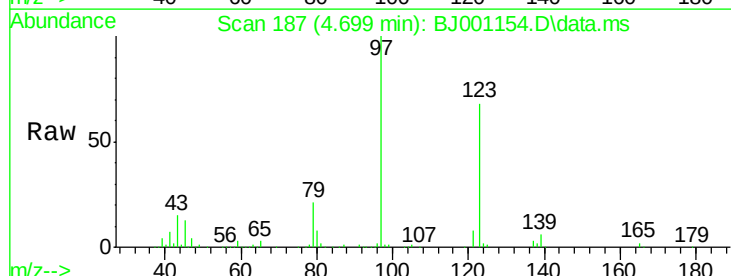
RT: 4.699 min Scan# 187

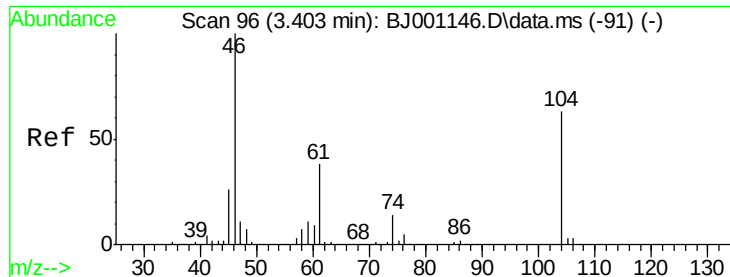
Delta R.T. 0.000 min

Lab File: BJ001154.D

Acq: 3 Oct 2012 13:05

Tgt Ion:	97	Resp:	1463271
Ion Ratio	Lower	Upper	
97	100		
123	67.5	47.5	87.5
43	14.6	0.0	34.6
41	7.0	0.0	27.0





#5

1,4-Oxathiane

Concen: 5.50 ug/mL

RT: 3.404 min Scan# 96

Delta R.T. 0.000 min

Lab File: BJ001154.D

Acq: 3 Oct 2012 13:05

Instrument :

BNA_J

LabSampleId :

CWA-CCV

Tgt Ion: 46 Resp: 1366692

Ion Ratio Lower Upper

46 100

61 31.9 11.9 51.9

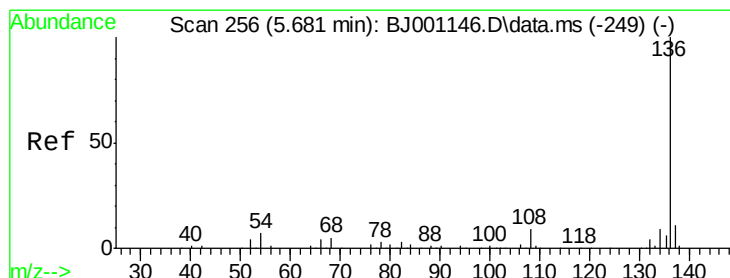
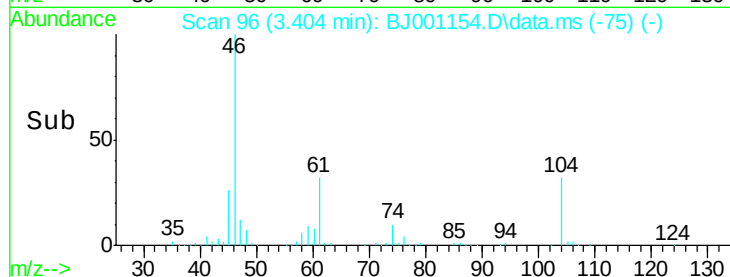
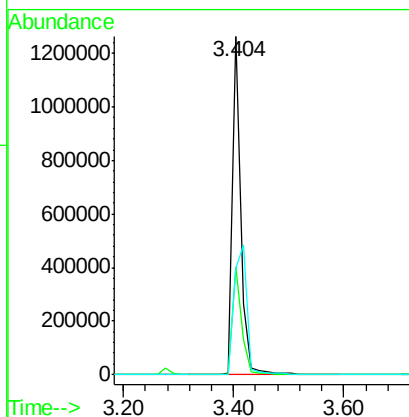
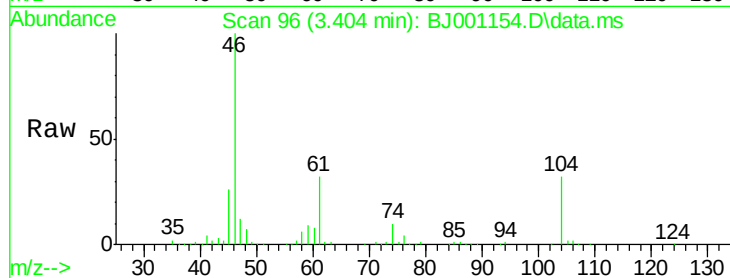
104 31.7 11.7 51.7

Manual Integrations

APPROVED

AHPatel

10/9/2012 7:06:18 AM



#6

Naphthalene-d8

Concen: 2.00 ug/mL

RT: 5.681 min Scan# 256

Delta R.T. 0.000 min

Lab File: BJ001154.D

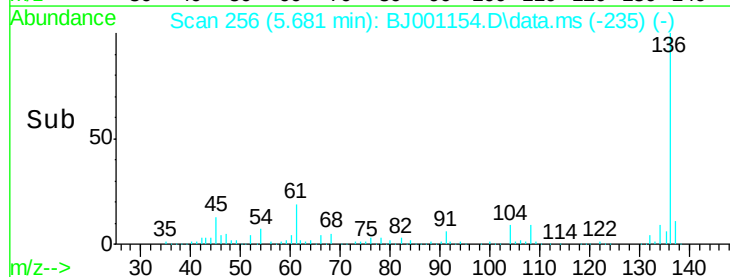
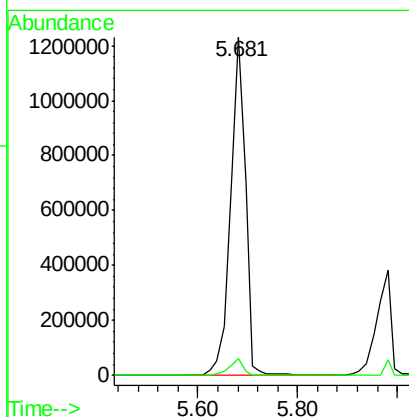
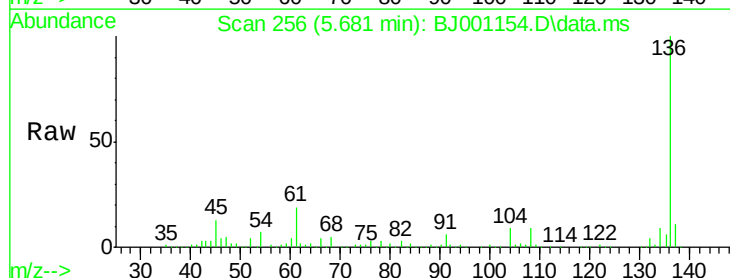
Acq: 3 Oct 2012 13:05

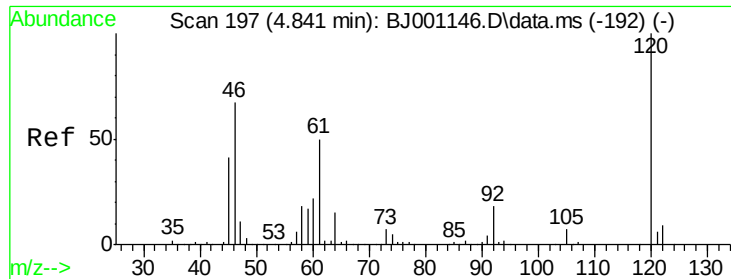
Tgt Ion: 136 Resp: 2552179

Ion Ratio Lower Upper

136 100

68 4.8 0.0 24.8





#7

1,4-Dithiane

Concen: 6.30 ug/mL

RT: 4.856 min Scan# 19

Delta R.T. 0.000 min

Lab File: BJ001154.D

Acq: 3 Oct 2012 13:05

Instrument :

BNA_J

LabSampleId :

CWA-CCV

Tgt Ion: 46 Resp: 1222237

Ion Ratio Lower Upper

46 100

61 81.8 61.8 101.8

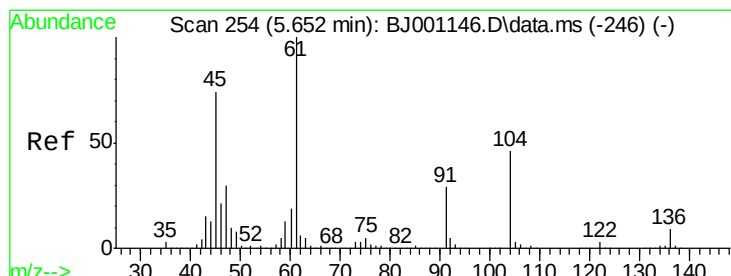
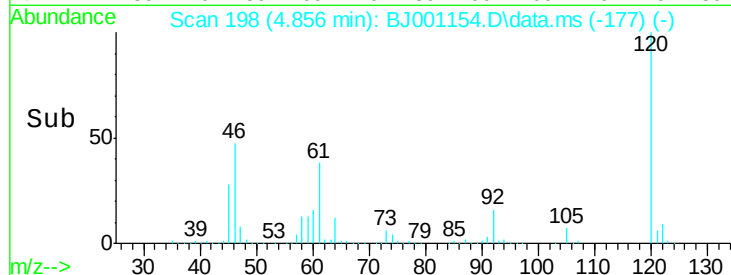
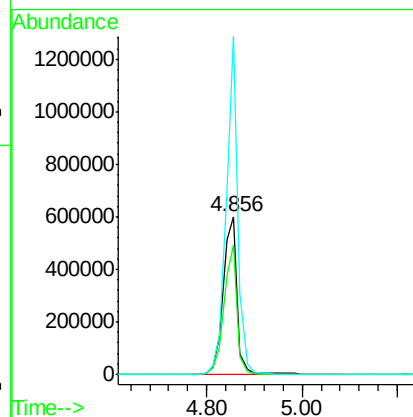
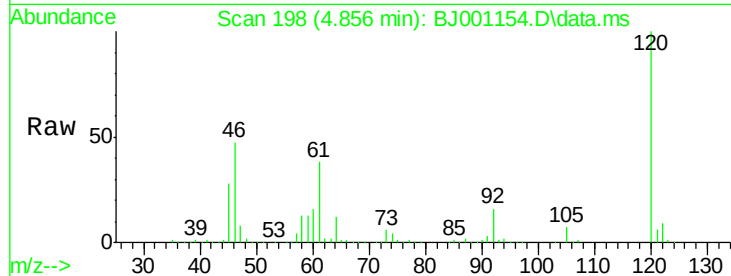
120 214.6 194.6 234.6

Manual Integrations

APPROVED

AHPatel

10/9/2012 7:06:18 AM



#8

Thiodiglycol

Concen: 43.32 ug/mL m

RT: 5.639 min Scan# 253

Delta R.T. 0.000 min

Lab File: BJ001154.D

Acq: 3 Oct 2012 13:05

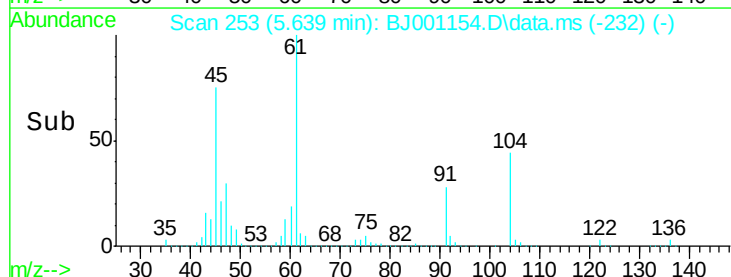
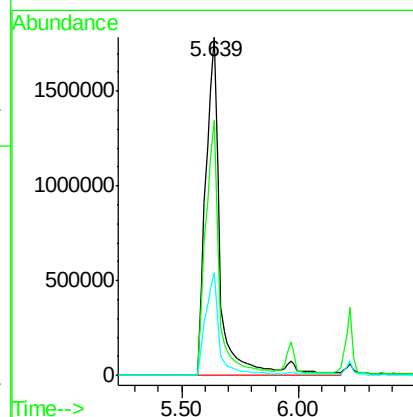
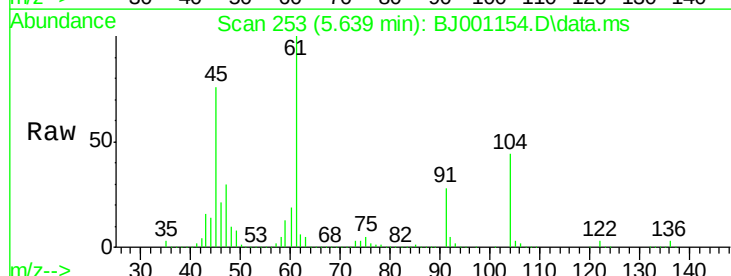
Tgt Ion: 61 Resp: 7764482

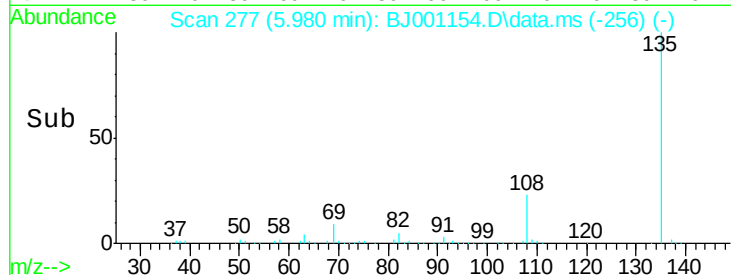
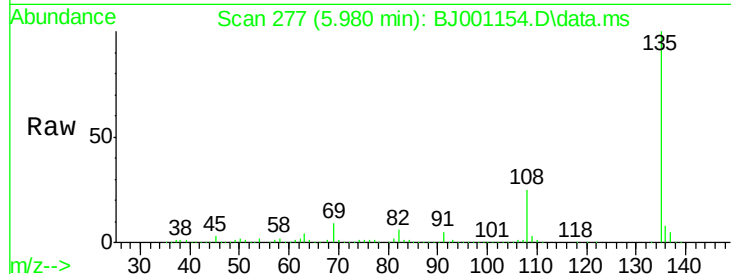
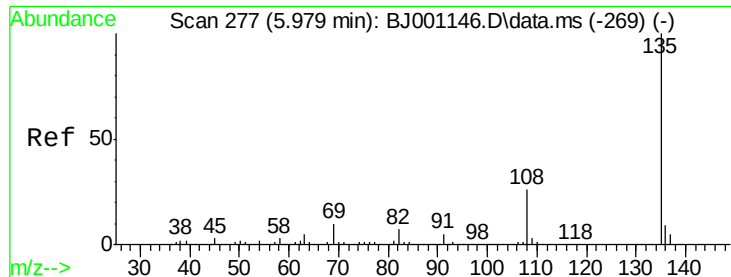
Ion Ratio Lower Upper

61 100

45 75.5 55.5 95.5

47 30.3 10.3 50.3





#9

Benzothiazole

Concen: 12.26 ug/mL

RT: 5.980 min Scan# 27

Delta R.T. 0.000 min

Lab File: BJ001154.D

Acq: 3 Oct 2012 13:05

Tgt Ion:	135	Resp:	9114632
Ion Ratio	Lower	Upper	
135	100		
108	25.2	5.2	45.2
69	9.2	0.0	29.2

Instrument :

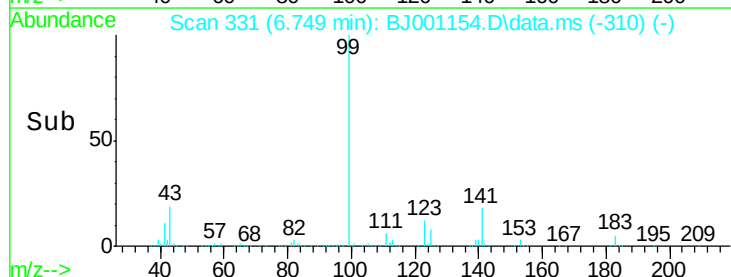
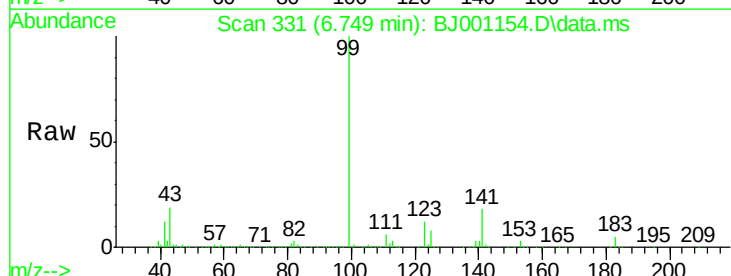
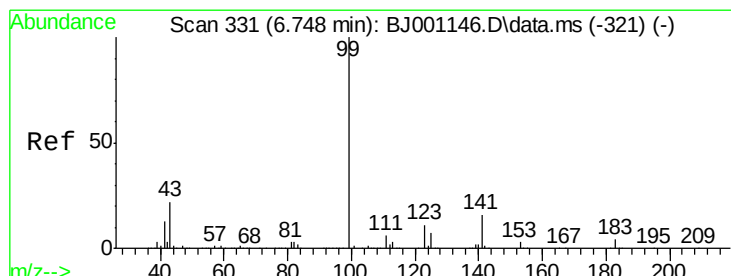
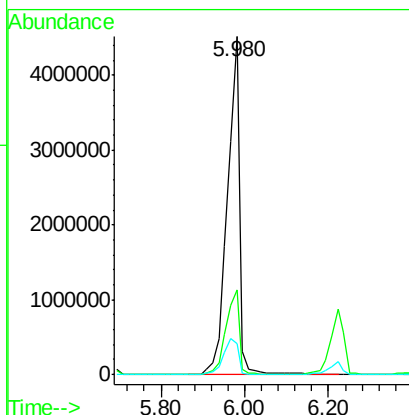
BNA_J

LabSampleId :

CWA-CCV

Manual Integrations
APPROVED

AHPatel
10/9/2012 7:06:18 AM



#10

Tripropylphosphate

Concen: 2.62 ug/mL

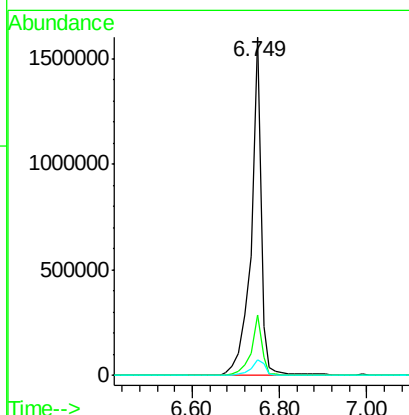
RT: 6.749 min Scan# 331

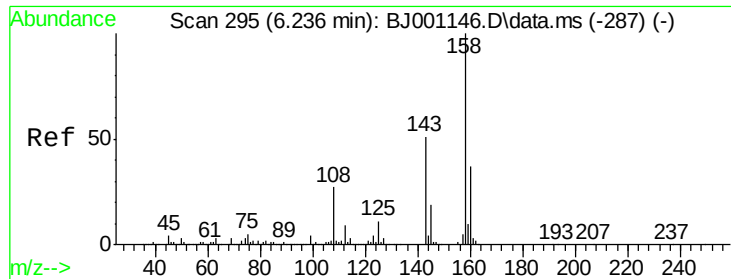
Delta R.T. 0.000 min

Lab File: BJ001154.D

Acq: 3 Oct 2012 13:05

Tgt Ion:	99	Resp:	2518397
Ion Ratio	Lower	Upper	
99	100		
141	19.4	15.5	23.3
183	6.5	5.2	7.8





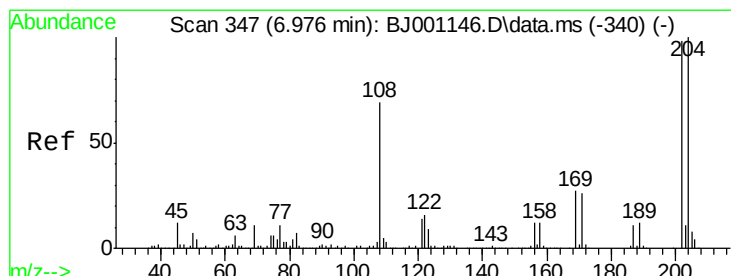
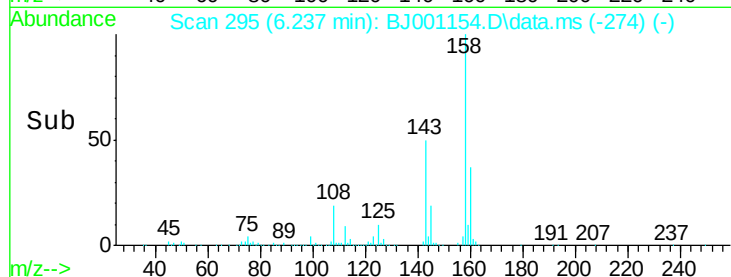
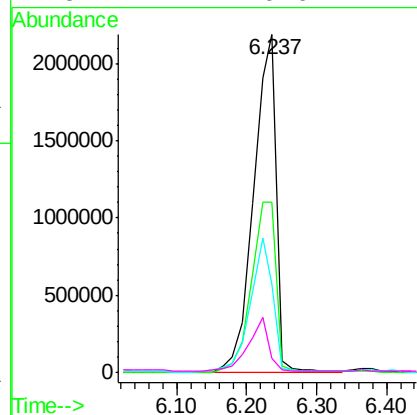
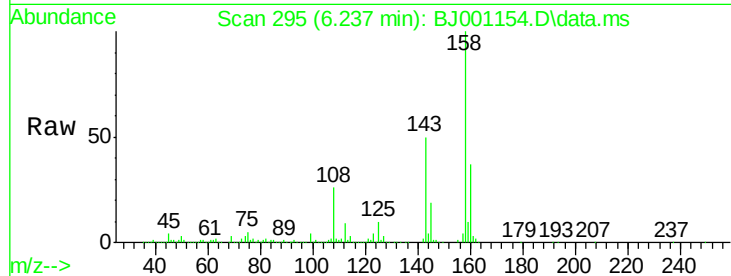
#11
p-Chlorophenylmethylsulfide
Concen: 12.29 ug/mL
RT: 6.237 min Scan# 29
Delta R.T. 0.000 min
Lab File: BJ001154.D
Acq: 3 Oct 2012 13:05

Instrument :
BNA_J
LabSampleId :
CWA-CCV

Tgt Ion:	158	Resp:	4990153
Ion Ratio		Lower	Upper
158	100		
143	50.4	30.4	70.4
108	26.0	6.0	46.0
45	4.2	0.0	24.2

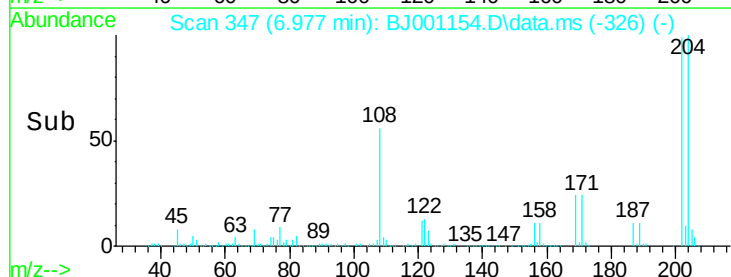
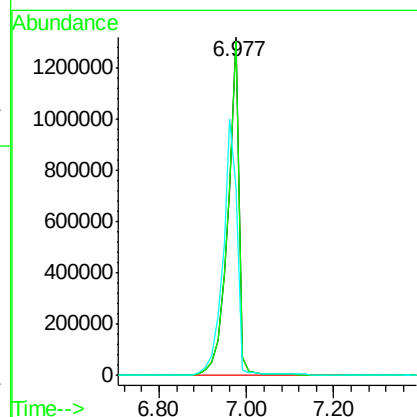
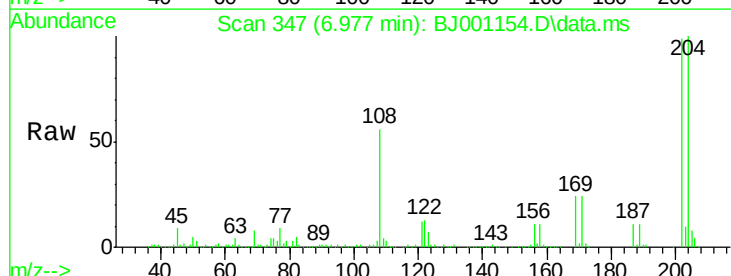
Manual Integrations
APPROVED

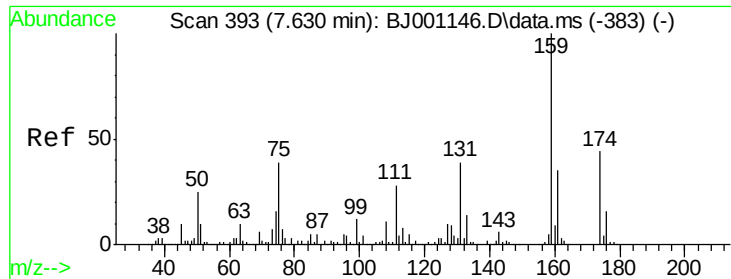
AHPatel
10/9/2012 7:06:18 AM



#12
2-Bromothioanisole
Concen: 12.26 ug/mL
RT: 6.977 min Scan# 347
Delta R.T. 0.000 min
Lab File: BJ001154.D
Acq: 3 Oct 2012 13:05

Tgt Ion:	204	Resp:	2376258
Ion Ratio		Lower	Upper
204	100		
202	99.0	79.0	119.0
108	55.7	35.7	75.7





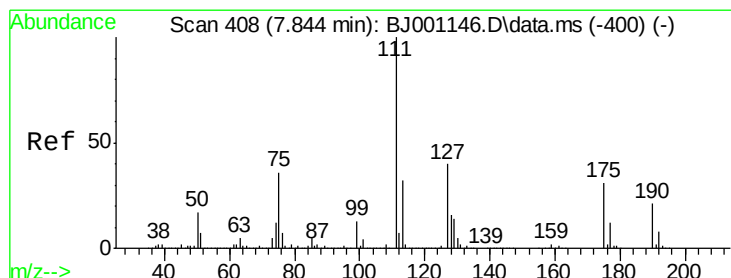
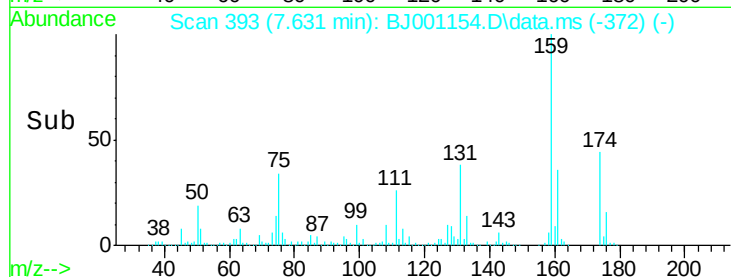
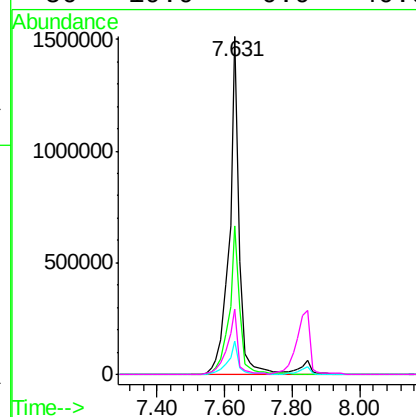
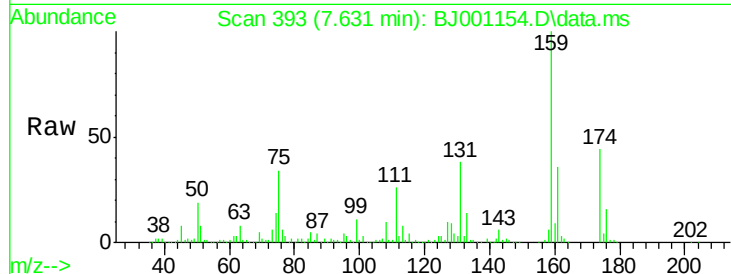
#13
p-Chlorophenylmethylsulfoxide
Concen: 10.38 ug/mL m
RT: 7.631 min Scan# 391
Delta R.T. 0.000 min
Lab File: BJ001154.D
Acq: 3 Oct 2012 13:05

Instrument :
BNA_J
LabSampleId :
CWA-CCV

Tgt Ion	Ratio	Lower	Upper
159	100		
174	44.8	27.0	67.0
108	9.4	0.0	29.9
50	19.9	0.9	40.9

Manual Integrations
APPROVED

AHPatel
10/9/2012 7:06:18 AM



#14
p-Chlorophenylmethylsulfone
Concen: 11.72 ug/mL
RT: 7.845 min Scan# 408
Delta R.T. 0.000 min
Lab File: BJ001154.D
Acq: 3 Oct 2012 13:05

Tgt Ion	Ratio	Lower	Upper
111	100		
75	31.0	11.0	51.0
127	41.3	21.3	61.3
190	23.9	3.9	43.9

