

Data Path : Z:\HPCHEM1\BNA_J\DATA\BJ112712\
 Data File : BJ001298.D
 Acq On : 27 Nov 2012 15:39
 Operator : HLM
 Sample : PB67010BS
 Misc : WATER BNA_J HLM
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_J
 ClientSampleId :
 SLCS01

Manual Integrations
 APPROVED

AHPatel
 12/5/2012 3:23:15 AM

Quant Time: Dec 05 03:16:06 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	4.34	152	387704	2.50	ug/mL	0.00
6) Naphthalene-d8	5.61	136	1591863	2.50	ug/mL	0.00

System Monitoring Compounds

10) Tripropylphosphate	6.69	99	279940	0.44	ug/mL	0.00
Spiked Amount 0.500	Range	70 - 130	Recovery	=	88.00%	
12) 2-Bromothioanisole	6.92	204	450987	4.25	ug/mL	0.00
Spiked Amount 5.000	Range	70 - 130	Recovery	=	85.00%	

Target Compounds

						Qvalue
2) Dimethyl Disulfide	2.49	94	338612m	2.06	ug/mL	
3) DMMP	3.28	79	485513	3.04	ug/mL	84
4) DIMP	4.63	97	611237	1.70	ug/mL	98
5) 1,4-Oxathiane	3.39	46	645298	3.45	ug/mL#	78
7) 1,4-Dithiane	4.79	46	620341	4.02	ug/mL	97
8) Thiodiglycol	5.55	61	5025956m	38.45	ug/mL	
9) Benzothiazole	5.89	135	3062839	8.61	ug/mL	98
11) p-Chlorophenylmethyldisulfid	6.15	158	1859550	8.35	ug/mL	96
13) p-Chlorophenylmethyldisulfox	7.57	159	1366946	9.08	ug/mL	99
14) p-Chlorophenylmethyldisulfon	7.77	111	1841787	8.43	ug/mL	97

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

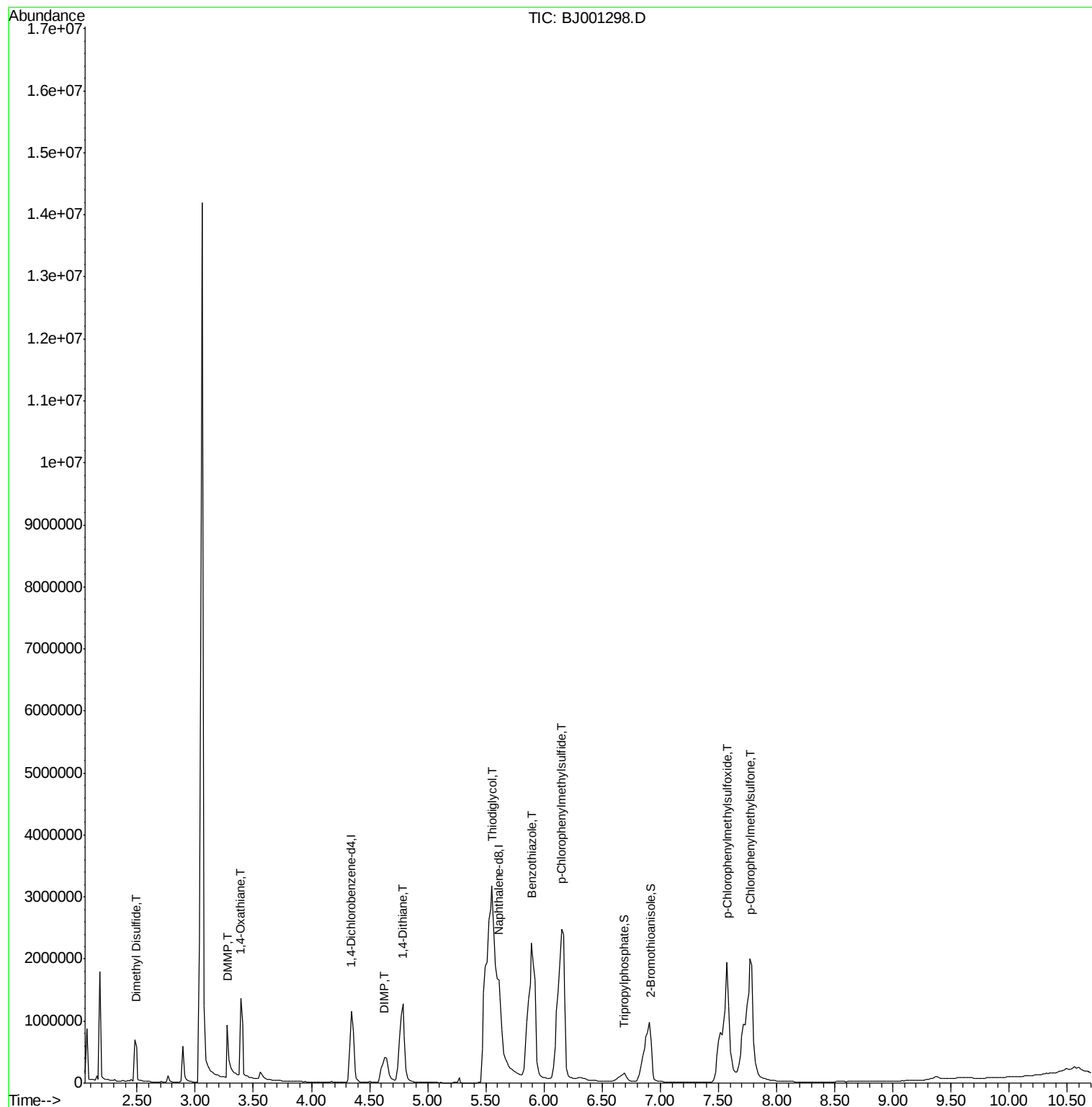
Data Path : Z:\HPCHEM1\BNA_J\DATA\BJ112712\
Data File : BJ001298.D
Acq On : 27 Nov 2012 15:39
Operator : HLM
Sample : PB67010BS
Misc : WATER BNA_J HLM
ALS Vial : 10 Sample Multiplier: 1

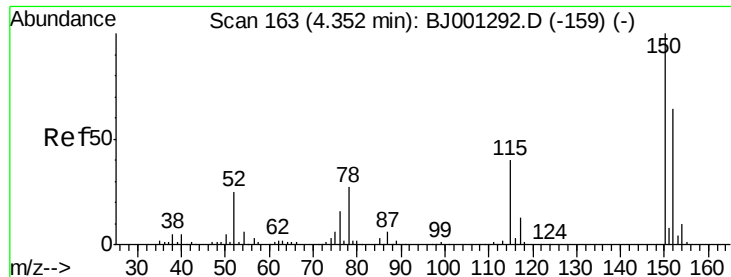
Instrument :
BNA_J
ClientSampleId :
SLCS01

Manual Integrations
APPROVED

AHPatel
12/5/2012 3:23:15 AM

Quant Time: Dec 05 03:16:06 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





#1

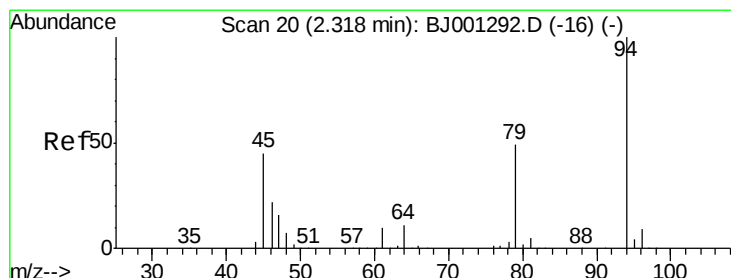
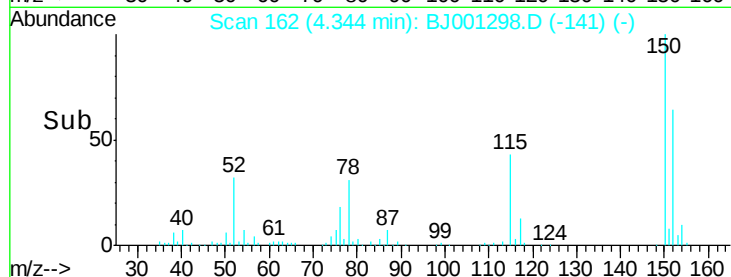
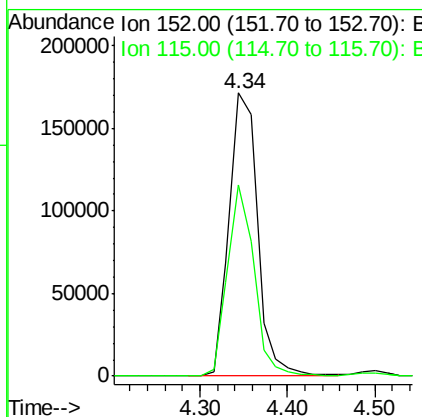
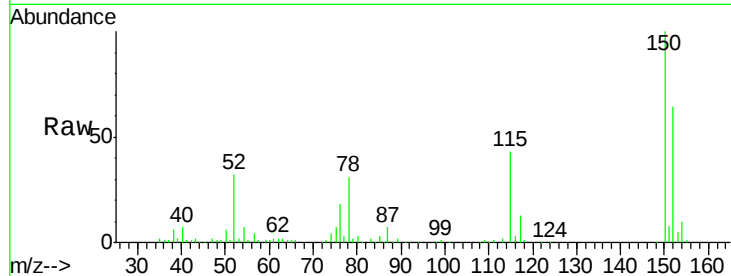
1,4-Dichlorobenzene-d4
 Concen: 2.50 ug/mL
 RT: 4.34 min Scan# 162
 Delta R.T. -0.01 min
 Lab File: BJ001298.D
 Acq: 27 Nov 2012 15:39

Instrument :
 BNA_J
 ClientSampleId :
 SLCS01

Tgt Ion: 152 Resp: 387704
 Ion Ratio Lower Upper
 152 100
 115 67.7 42.9 82.9

Manual Integrations
 APPROVED

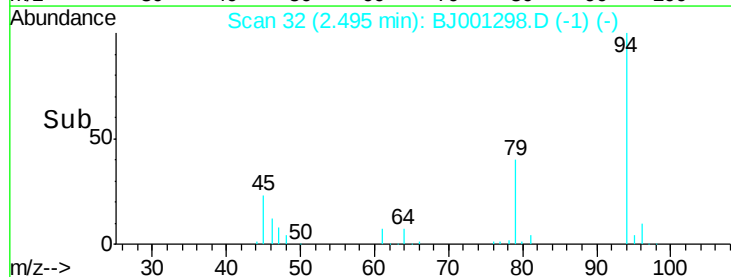
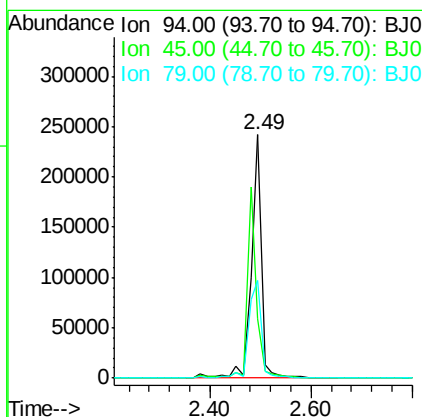
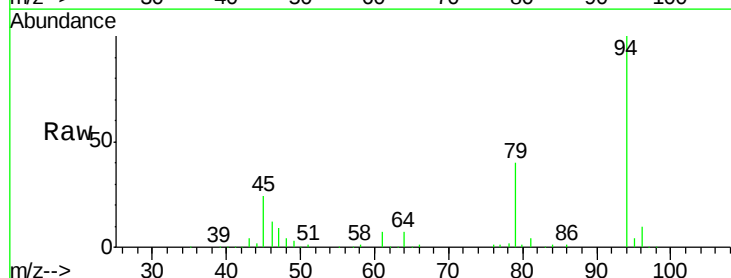
AHPatel
 12/5/2012 3:23:15 AM

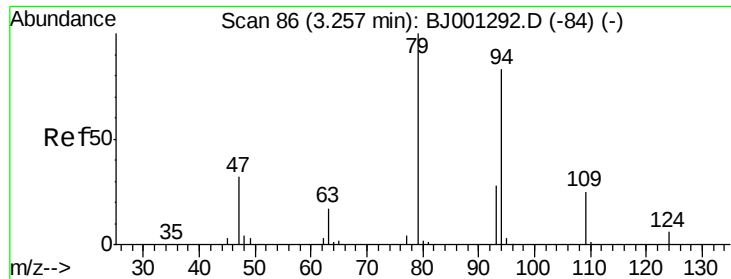


#2

Dimethyl Disulfide
 Concen: 2.06 ug/mL m
 RT: 2.49 min Scan# 32
 Delta R.T. 0.18 min
 Lab File: BJ001298.D
 Acq: 27 Nov 2012 15:39

Tgt Ion: 94 Resp: 338612
 Ion Ratio Lower Upper
 94 100
 45 24.2 25.1 65.1#
 79 40.0 29.4 69.4





#3

DMMP

Concen: 3.04 ug/mL

RT: 3.28 min Scan# 87

Delta R.T. 0.02 min

Lab File: BJ001298.D

Acq: 27 Nov 2012 15:39

Instrument :

BNA_J

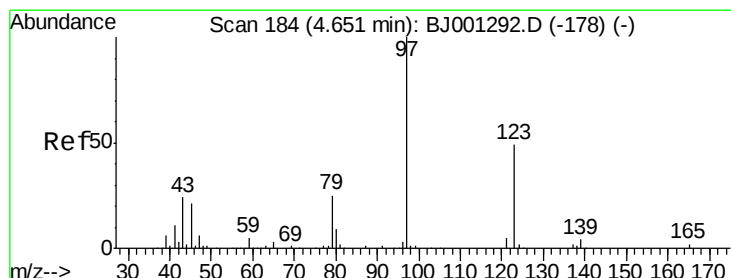
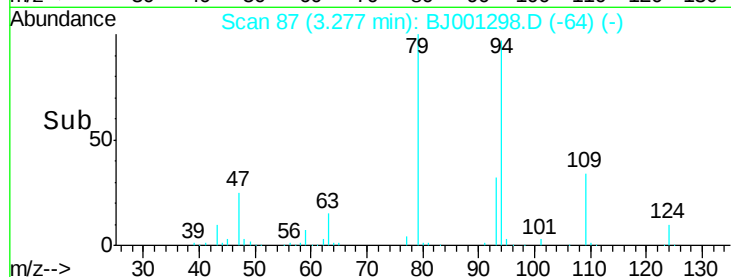
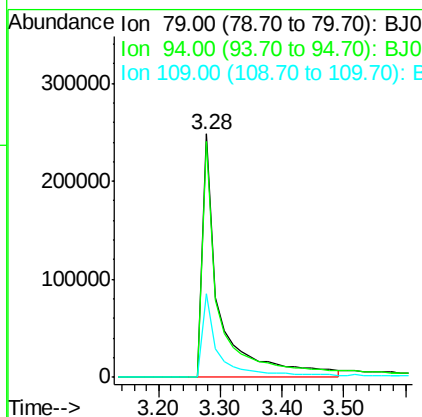
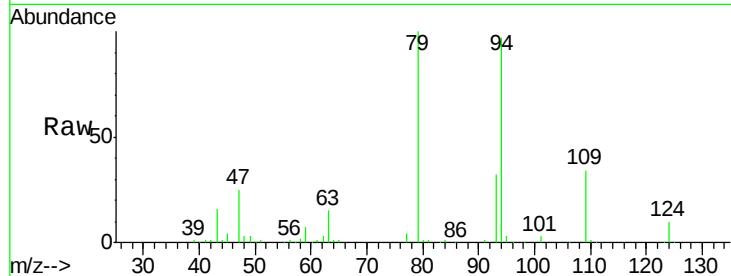
ClientSampleId :

SLCS01

Manual Integrations
APPROVED

AHPatel
12/5/2012 3:23:15 AM

Tgt Ion:	79	Resp:	485513
Ion Ratio	Lower	Upper	
79	100		
94	96.7	63.0	103.0
109	34.3	5.3	45.3



#4

DIMP

Concen: 1.70 ug/mL

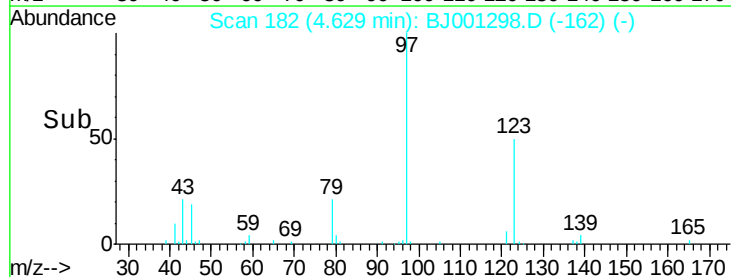
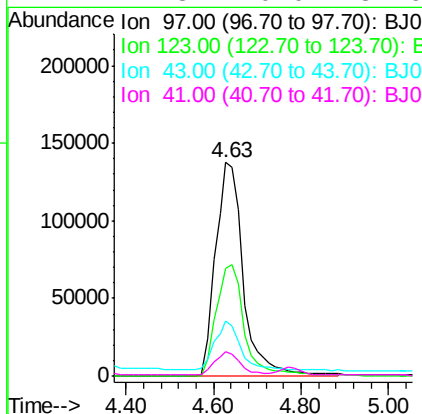
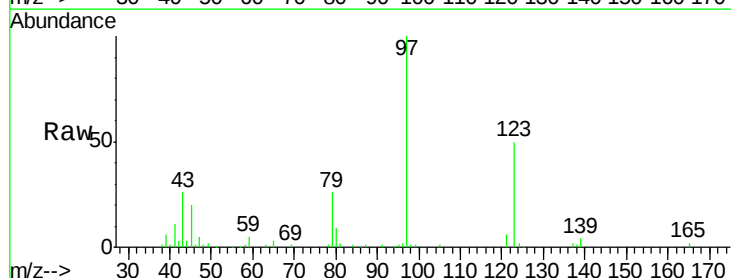
RT: 4.63 min Scan# 182

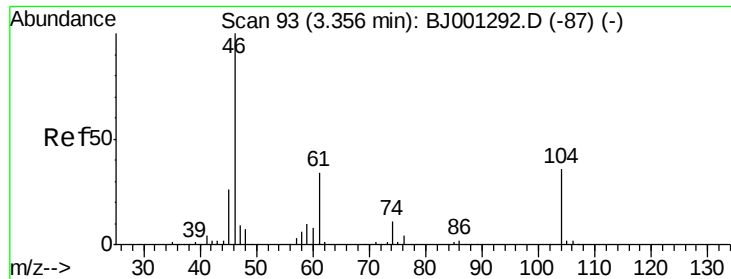
Delta R.T. -0.02 min

Lab File: BJ001298.D

Acq: 27 Nov 2012 15:39

Tgt Ion:	97	Resp:	611237
Ion Ratio	Lower	Upper	
97	100		
123	50.5	29.2	69.2
43	25.6	4.0	44.0
41	11.3	0.0	31.6





#5

1,4-Oxathiane

Concen: 3.45 ug/mL

RT: 3.39 min Scan# 95

Delta R.T. 0.03 min

Lab File: BJ001298.D

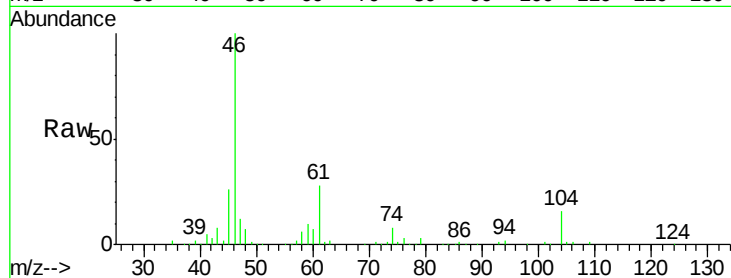
Acq: 27 Nov 2012 15:39

Instrument :

BNA_J

ClientSampleId :

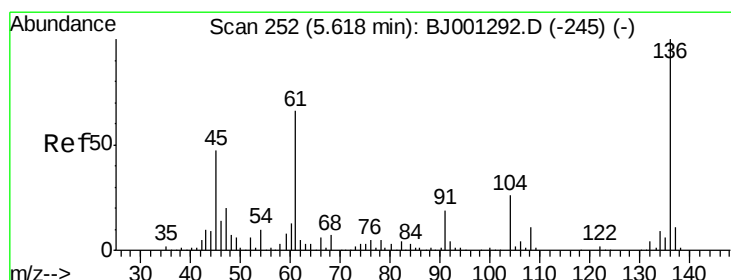
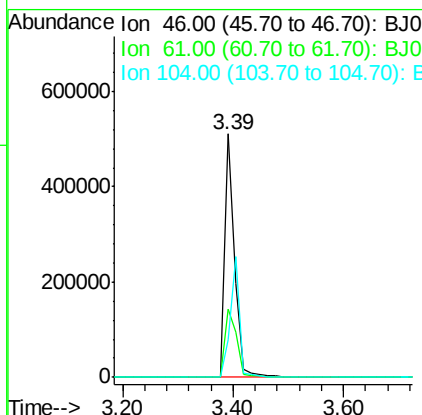
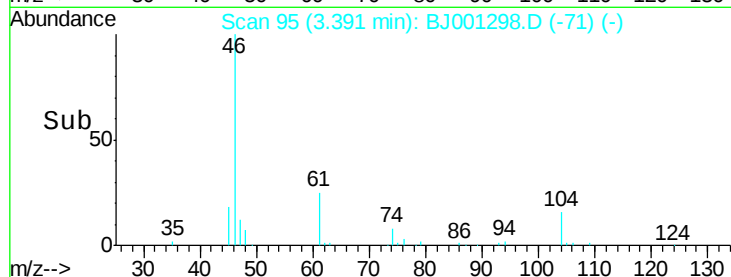
SLCS01



Tgt Ion:	46	Resp:	645298
Ion Ratio	Lower	Upper	
46	100		
61	28.2	13.6	53.6
104	15.6	16.0	56.0#

Manual Integrations
APPROVED

AHPatel
12/5/2012 3:23:15 AM



#6

Naphthalene-d8

Concen: 2.50 ug/mL

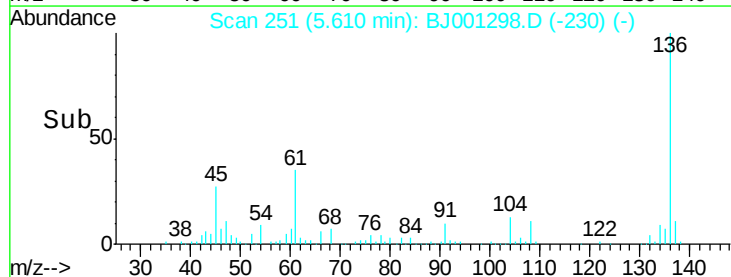
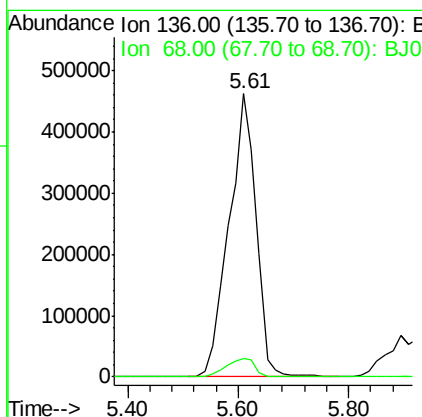
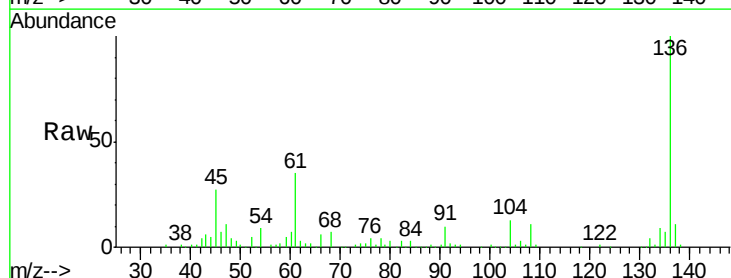
RT: 5.61 min Scan# 251

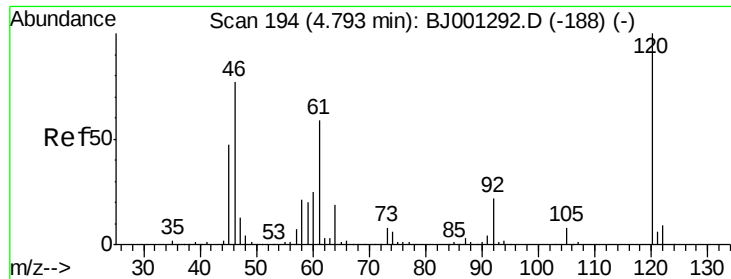
Delta R.T. -0.01 min

Lab File: BJ001298.D

Acq: 27 Nov 2012 15:39

Tgt Ion:	136	Resp:	1591863
Ion Ratio	Lower	Upper	
136	100		
68	6.6	0.0	26.8





#7

1,4-Dithiane

Concen: 4.02 ug/mL

RT: 4.79 min Scan# 193

Delta R.T. -0.01 min

Lab File: BJ001298.D

Acq: 27 Nov 2012 15:39

Instrument :

BNA_J

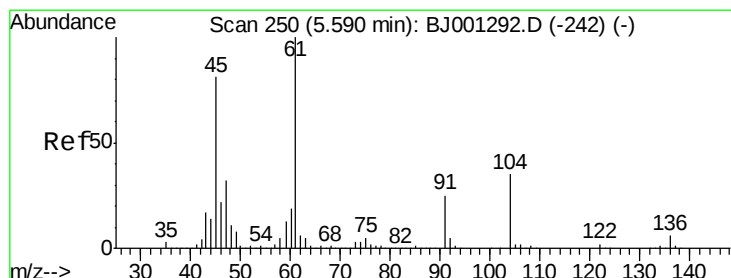
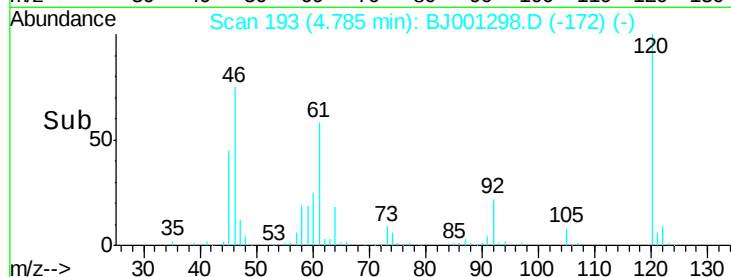
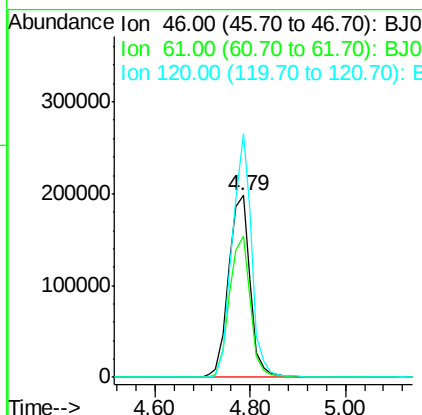
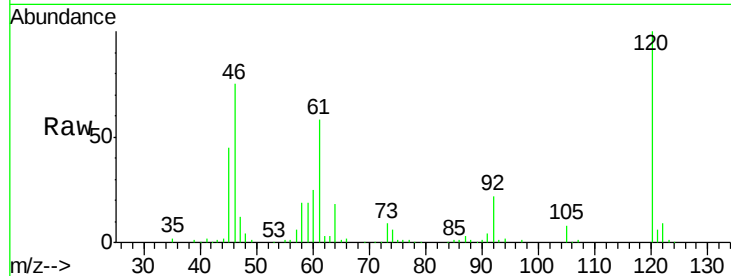
ClientSampled :

SLCS01

Manual Integrations
APPROVED

AHPatel
12/5/2012 3:23:15 AM

Tgt Ion	Ratio	Lower	Upper
46	100		
61	77.8	56.1	96.1
120	134.0	109.1	149.1



#8

Thiodiglycol

Concen: 38.45 ug/mL m

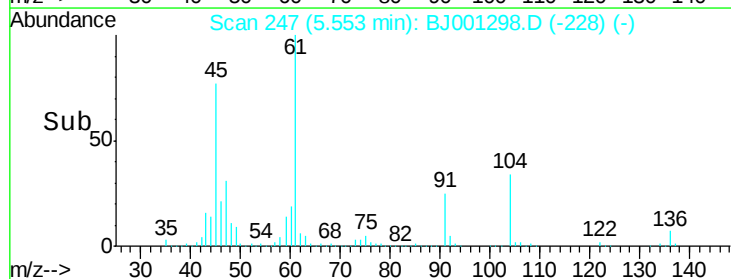
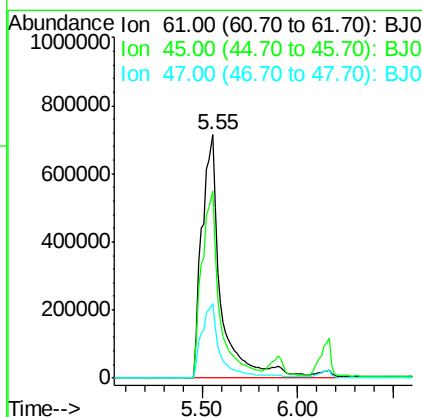
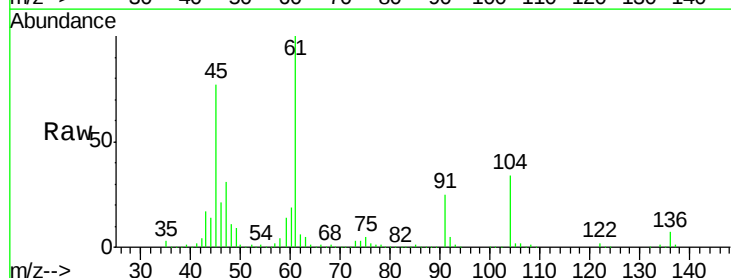
RT: 5.55 min Scan# 247

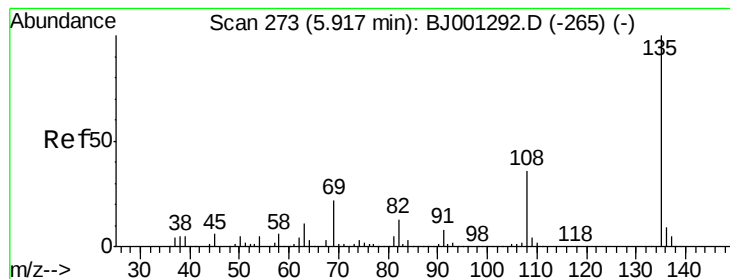
Delta R.T. -0.04 min

Lab File: BJ001298.D

Acq: 27 Nov 2012 15:39

Tgt Ion	Ratio	Lower	Upper
61	100		
45	76.9	61.0	101.0
47	30.9	12.2	52.2





#9

Benzothiazole

Concen: 8.61 ug/mL

RT: 5.89 min Scan# 271

Delta R.T. -0.02 min

Lab File: BJ001298.D

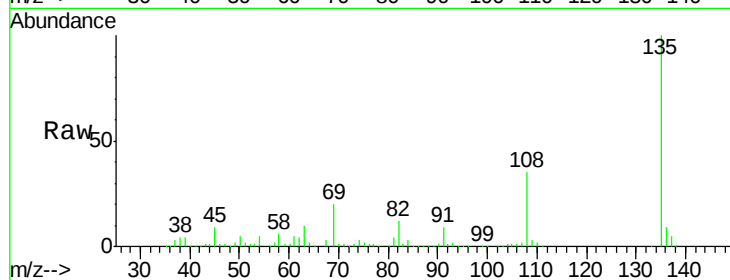
Acq: 27 Nov 2012 15:39

Instrument :

BNA_J

ClientSampleId :

SLCS01



Tgt Ion: 135 Resp: 3062839

Ion Ratio Lower Upper

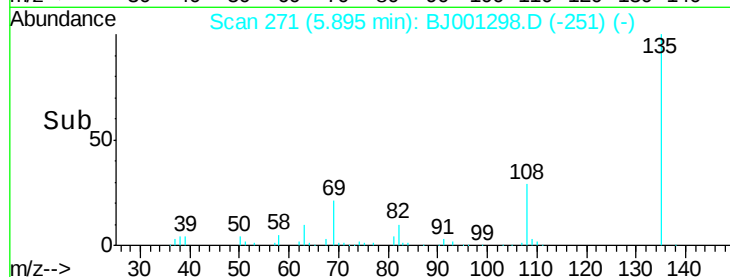
135 100

108 34.7 15.7 55.7

69 20.5 2.2 42.2

Manual Integrations
APPROVED

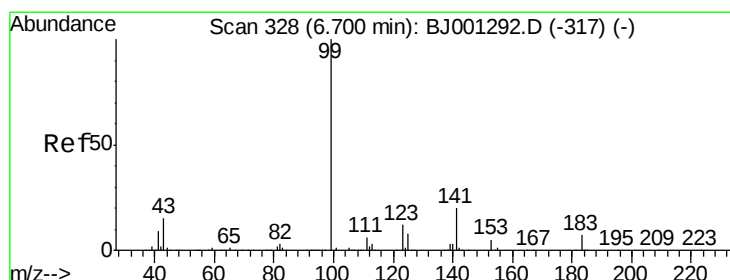
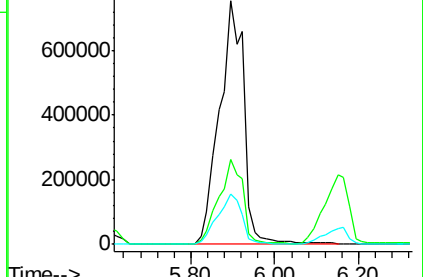
AHPatel
12/5/2012 3:23:15 AM



Abundance Ion 135.00 (134.70 to 135.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 69.00 (68.70 to 69.70): BJO



#10

Tripropylphosphate

Concen: 0.44 ug/mL

RT: 6.69 min Scan# 327

Delta R.T. -0.01 min

Lab File: BJ001298.D

Acq: 27 Nov 2012 15:39

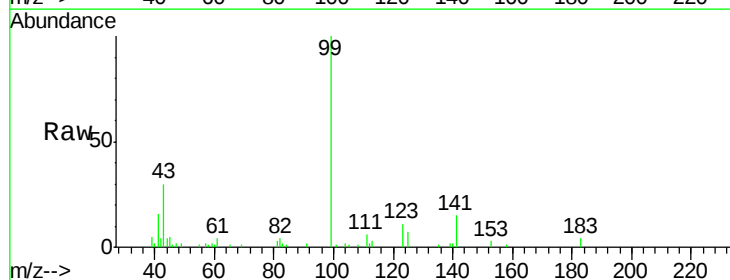
Tgt Ion: 99 Resp: 279940

Ion Ratio Lower Upper

99 100

141 16.0 13.5 20.3

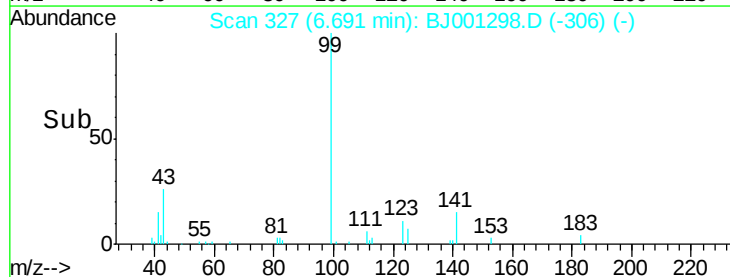
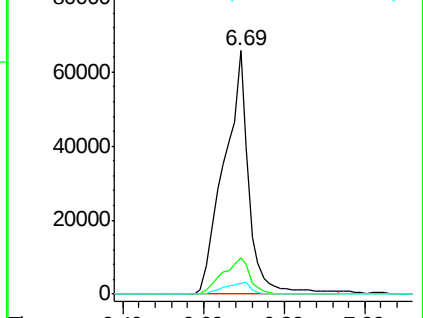
183 4.9 4.3 6.5

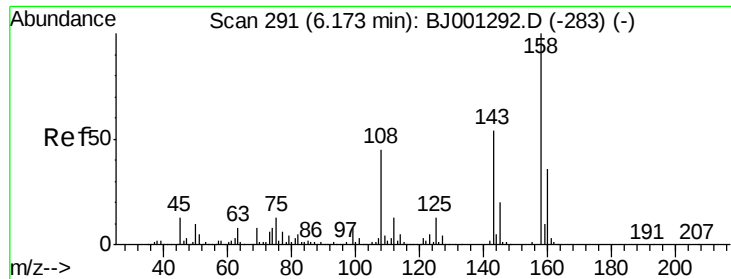


Abundance Ion 99.00 (98.70 to 99.70): BJO

Ion 141.00 (140.70 to 141.70): E

Ion 183.00 (182.70 to 183.70): E





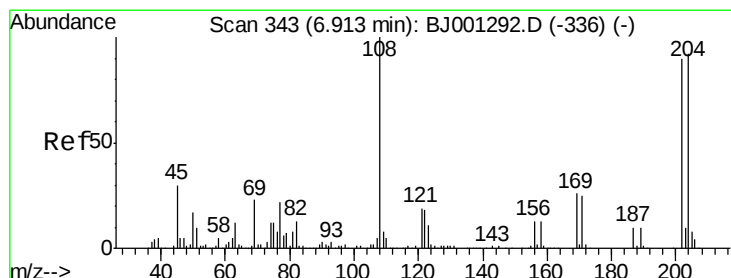
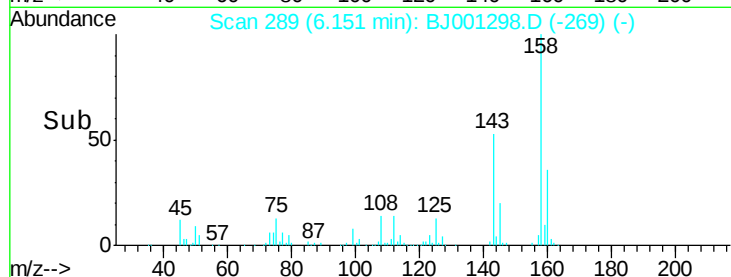
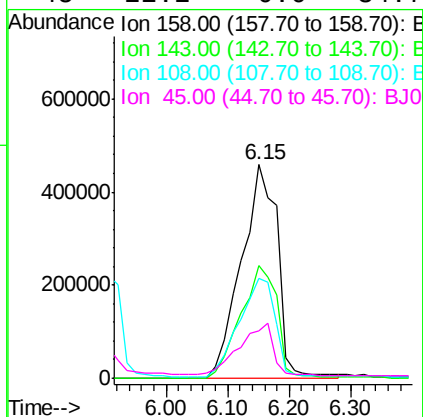
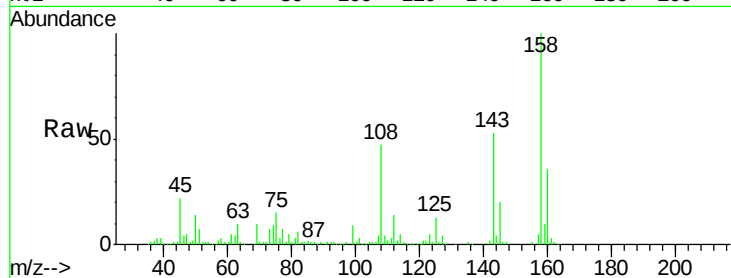
#11
p-Chlorophenylmethylsulfide
Concen: 8.35 ug/mL
RT: 6.15 min Scan# 289
Delta R.T. -0.02 min
Lab File: BJ001298.D
Acq: 27 Nov 2012 15:39

Instrument :
BNA_J
ClientSampleId :
SLCS01

Tgt Ion	Ratio	Lower	Upper
158	100		
143	53.0	34.4	74.4
108	46.7	25.3	65.3
45	22.2	0.0	34.7

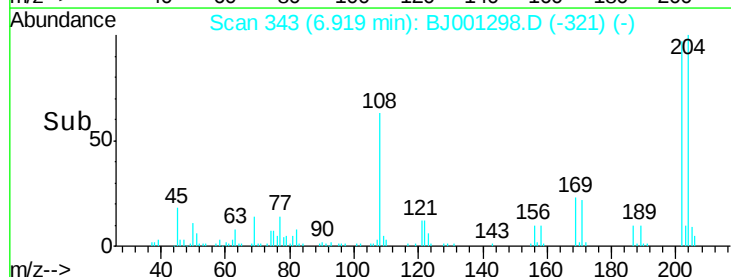
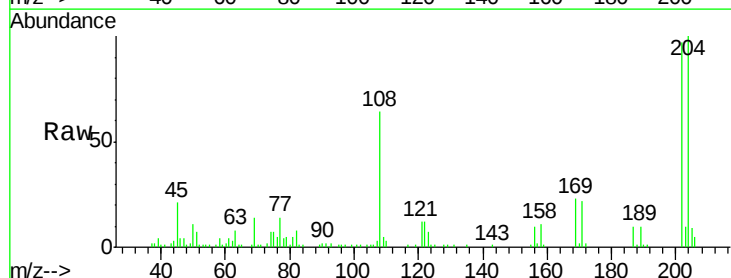
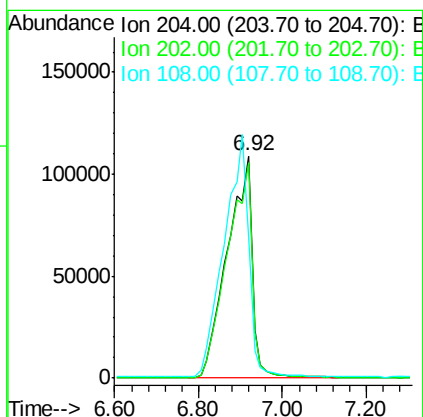
Manual Integrations
APPROVED

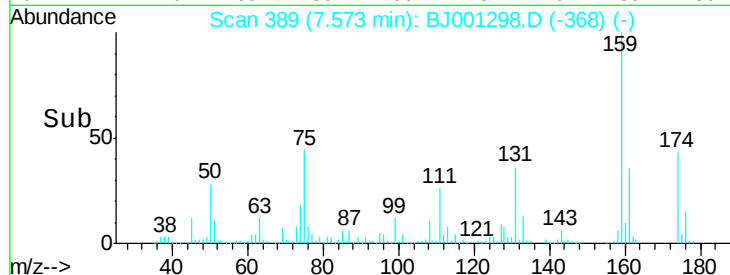
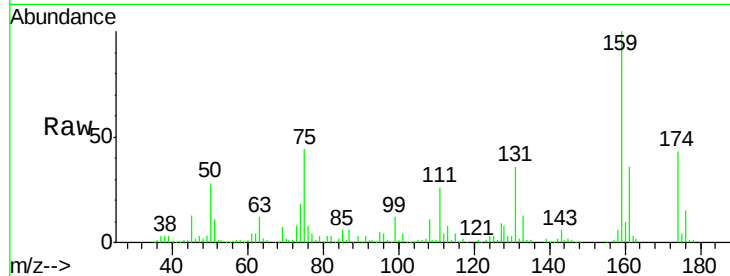
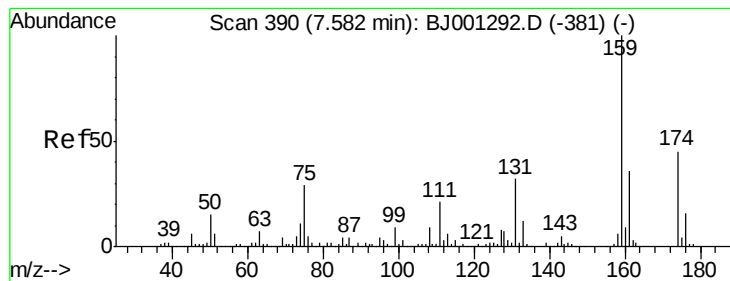
AHPatel
12/5/2012 3:23:15 AM



#12
2-Bromothioanisole
Concen: 4.25 ug/mL
RT: 6.92 min Scan# 343
Delta R.T. 0.01 min
Lab File: BJ001298.D
Acq: 27 Nov 2012 15:39

Tgt Ion	Ratio	Lower	Upper
204	100		
202	96.8	77.8	117.8
108	63.6	88.3	128.3#





#13

p-Chlorophenylmethylsulfoxide

Concen: 9.08 ug/mL

RT: 7.57 min Scan# 389

Delta R.T. -0.01 min

Lab File: BJ001298.D

Acq: 27 Nov 2012 15:39

Instrument :

BNA_J

ClientSampleId :

SLCS01

Manual Integrations
APPROVED

AHPatel
12/5/2012 3:23:15 AM

Tgt Ion:159 Resp: 1366946

Ion Ratio Lower Upper

159 100

174 45.1 25.2 65.2

108 10.8 0.0 30.3

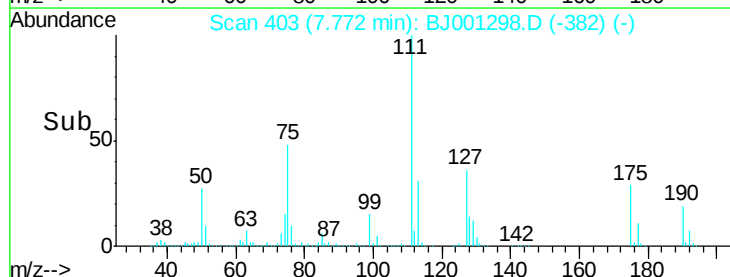
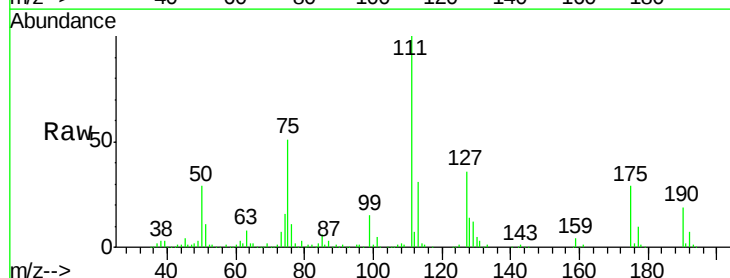
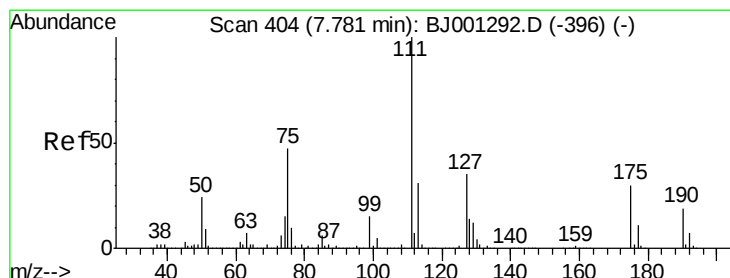
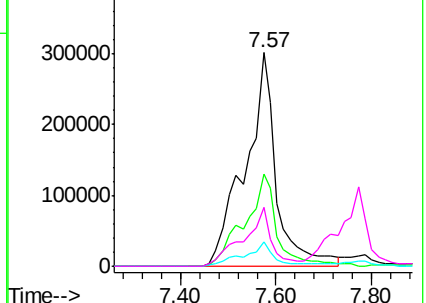
50 24.8 5.6 45.6

Abundance Ion 159.00 (158.70 to 159.70): E

Ion 174.00 (173.70 to 174.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 50.00 (49.70 to 50.70): BJ0



#14

p-Chlorophenylmethylsulfone

Concen: 8.43 ug/mL

RT: 7.77 min Scan# 403

Delta R.T. -0.01 min

Lab File: BJ001298.D

Acq: 27 Nov 2012 15:39

Tgt Ion:111 Resp: 1841787

Ion Ratio Lower Upper

111 100

75 50.8 27.5 67.5

127 36.0 15.3 55.3

190 18.7 0.0 38.6

Abundance Ion 111.00 (110.70 to 111.70): E

Ion 75.00 (74.70 to 75.70): BJ0

Ion 127.00 (126.70 to 127.70): E

Ion 190.00 (189.70 to 190.70): E

