

Data Path : Z:\HPCHEM1\BNA_M\Data\BM052815\
 Data File : BM001432.D
 Acq On : 28 May 2015 17:50
 Operator : TP/IZ
 Sample : PB83634BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB83634BL

Quant Time: May 29 03:36:13 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SIM-BM052815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 28 15:41:25 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	12174	5.00	ng	0.00
6) Naphthalene-d8	10.16	136	38847	5.00	ng	0.00
9) Acenaphthene-d10	14.07	164	24206	5.00	ng	0.00
15) Phenanthrene-d10	16.81	188	57713	5.00	ng	0.00
17) Chrysene-d12	21.03	240	52643	5.00	ng	0.00
21) Perylene-d12	23.12	264	47490	5.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
2) 2-Fluorophenol	4.97	112	23982	12.83	ng	0.00
3) Phenol-d6	6.57	99	27058	13.80	ng	-0.03
7) Nitrobenzene-d5	8.53	82	17952	8.64	ng	0.00
10) 2,4,6-Tribromophenol	15.58	330	10012	9.94	ng	0.00
11) 2-Fluorobiphenyl	12.68	172	55149	8.21	ng	0.00
18) Terphenyl-d14	19.48	244	55162	8.43	ng	0.00

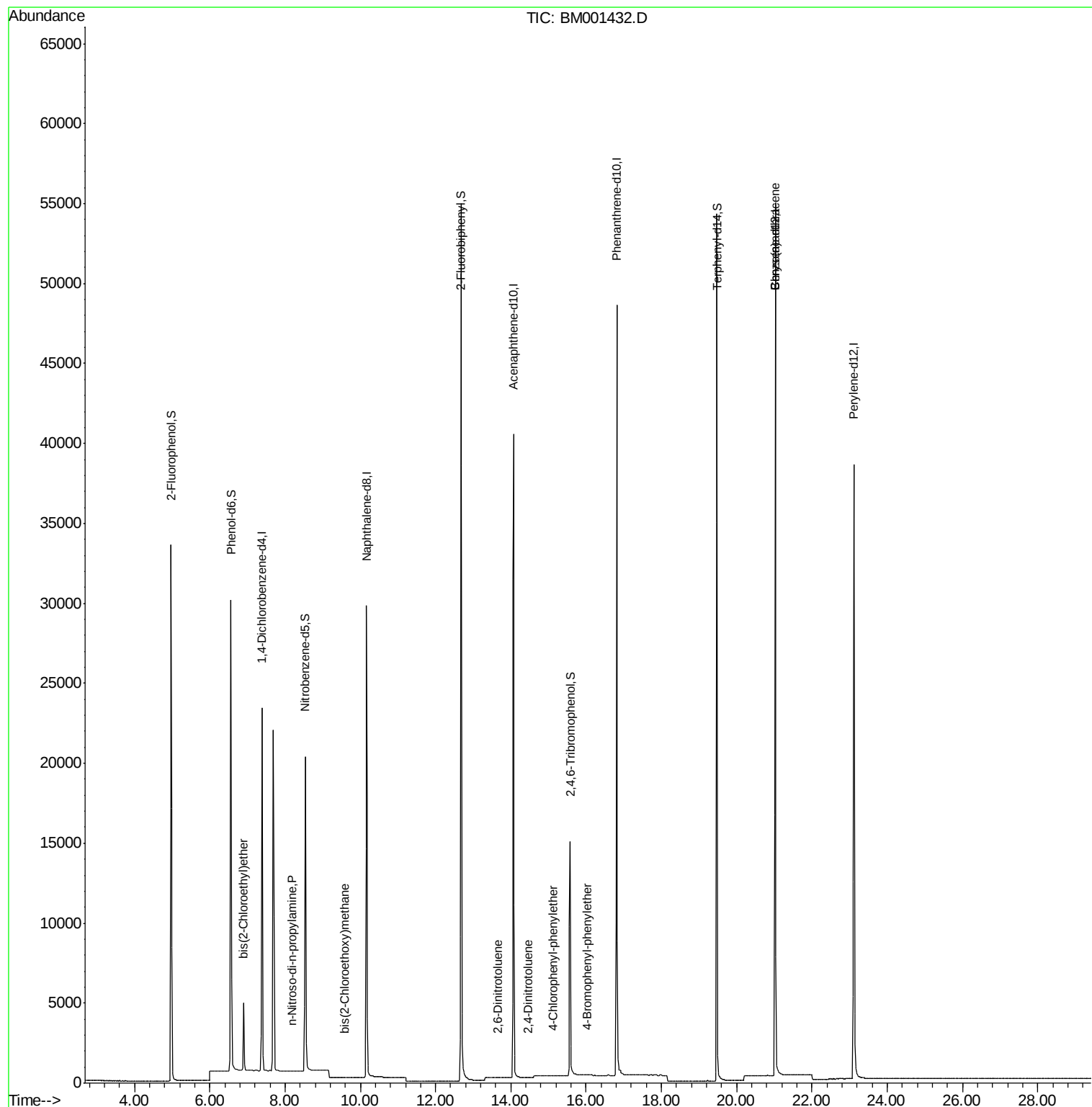
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) bis(2-Chloroethyl)ether	6.90	93	37	0.02	ng	# 1
5) n-Nitroso-di-n-propylamine	8.18	70	3	0.00	ng	# 69
8) bis(2-Chloroethoxy)methane	9.58	93	1	0.15	ng	# 1
12) 2,6-Dinitrotoluene	13.66	165	4	0.28	ng	# 1
13) 2,4-Dinitrotoluene	14.47	165	1	0.25	ng	# 81
14) 4-Chlorophenyl-phenylether	15.13	204	1	0.00	ng	# 6
16) 4-Bromophenyl-phenylether	16.02	248	1	0.00	ng	# 71
19) Benzo(a)anthracene	21.03	228	166	0.01	ng	# 49

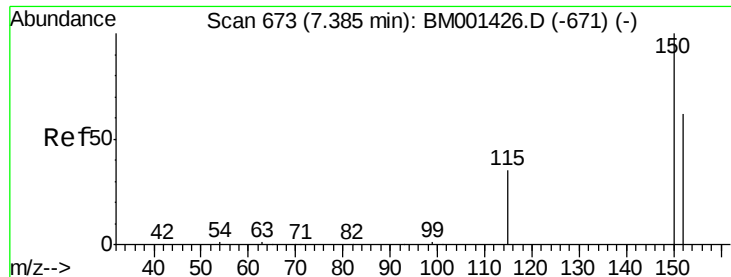
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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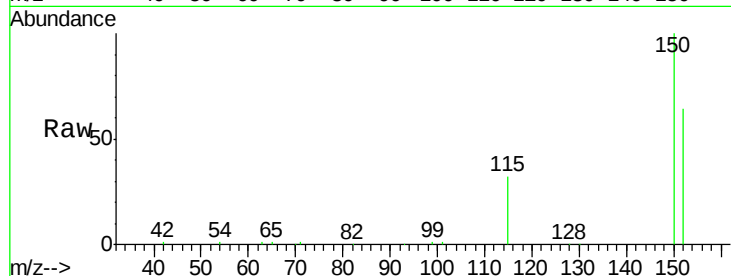


#1

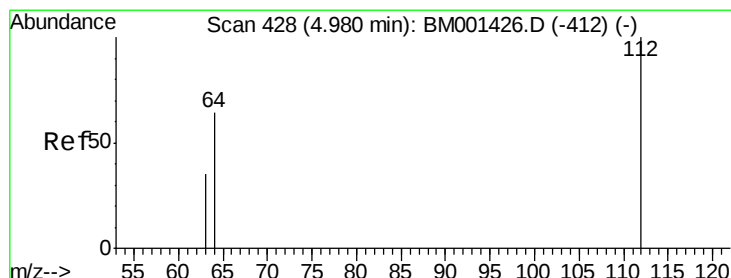
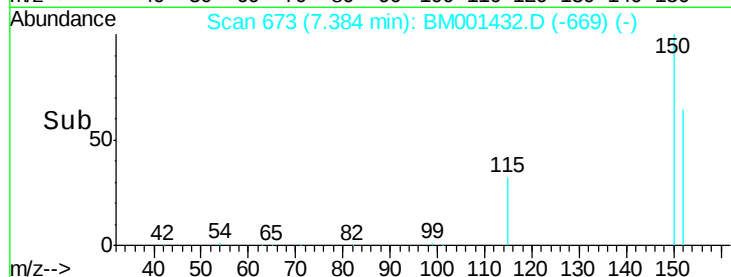
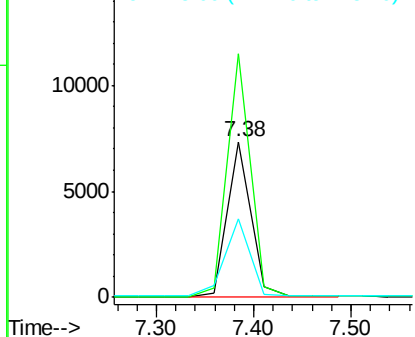
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.38 min Scan# 673
Delta R.T. -0.00 min
Lab File: BM001432.D
Acq: 28 May 2015 17:50

Instrument :
BNA_M
ClientSampleId :
PB83634BL

Tgt Ion:152 Resp: 12174
Ion Ratio Lower Upper
152 100
150 156.2 128.4 192.6
115 50.4 45.6 68.4



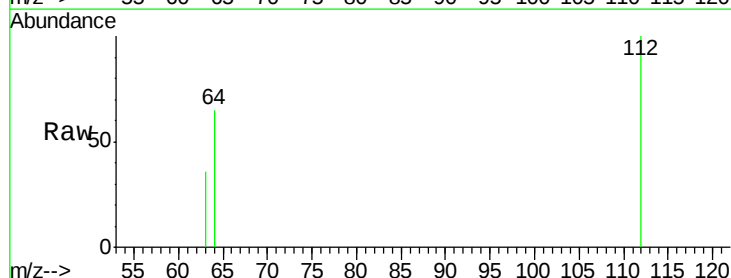
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



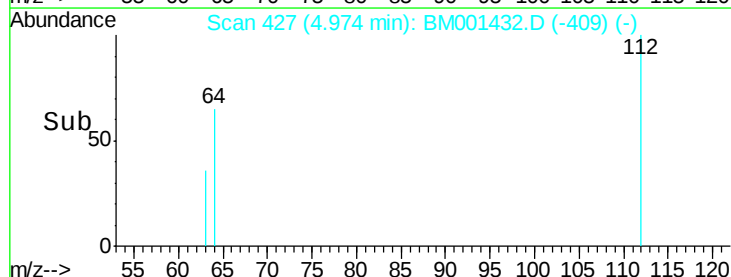
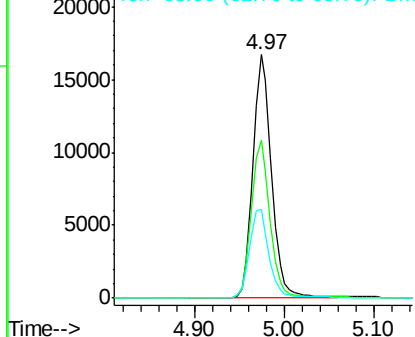
#2

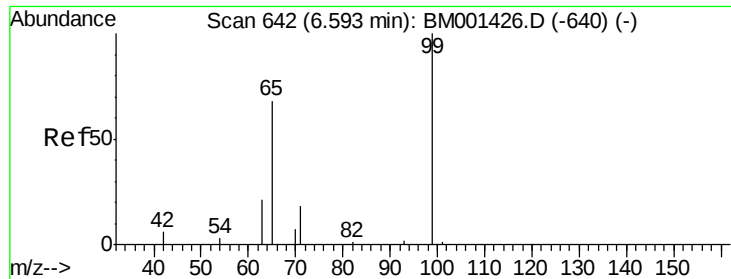
2-Fluorophenol
Concen: 12.83 ng
RT: 4.97 min Scan# 427
Delta R.T. -0.01 min
Lab File: BM001432.D
Acq: 28 May 2015 17:50

Tgt Ion:112 Resp: 23982
Ion Ratio Lower Upper
112 100
64 64.9 52.1 78.1
63 36.4 30.2 45.2



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BM0
Ion 63.00 (62.70 to 63.70): BM0





#3

Phenol-d6

Concen: 13.80 ng

RT: 6.57 min Scan# 641

Delta R.T. -0.03 min

Lab File: BM001432.D

Acq: 28 May 2015 17:50

Instrument :

BNA_M

ClientSampleId :

PB83634BL

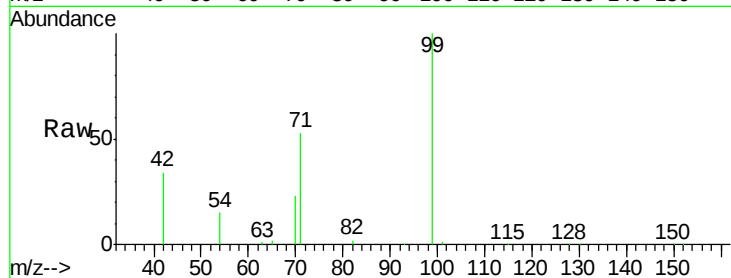
Tgt Ion: 99 Resp: 27058

Ion Ratio Lower Upper

99 100

42 34.5 13.7 20.5#

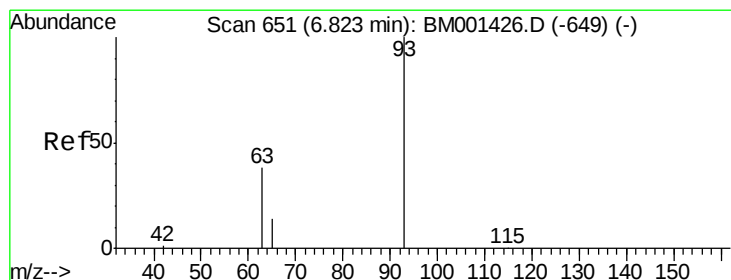
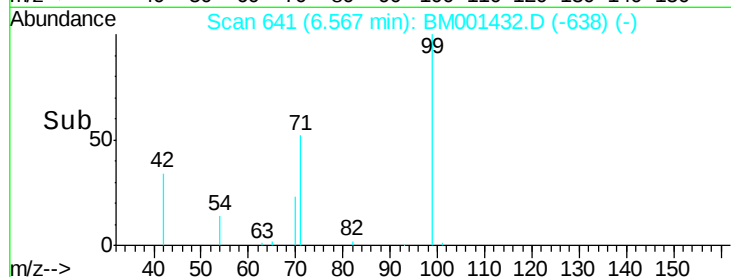
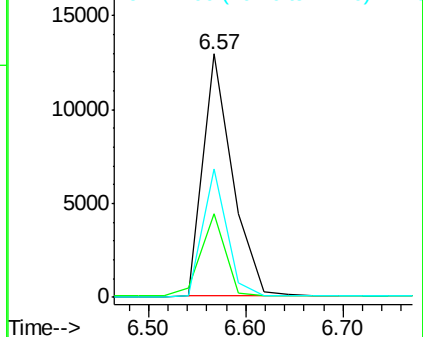
71 52.7 19.8 29.6#



Abundance Ion 99.00 (98.70 to 99.70): BM001426.D (-640) (-)

Ion 42.00 (41.70 to 42.70): BM001426.D (-640) (-)

Ion 71.00 (70.70 to 71.70): BM001426.D (-640) (-)



#4

bis(2-Chloroethyl)ether

Concen: 0.02 ng

RT: 6.90 min Scan# 654

Delta R.T. 0.08 min

Lab File: BM001432.D

Acq: 28 May 2015 17:50

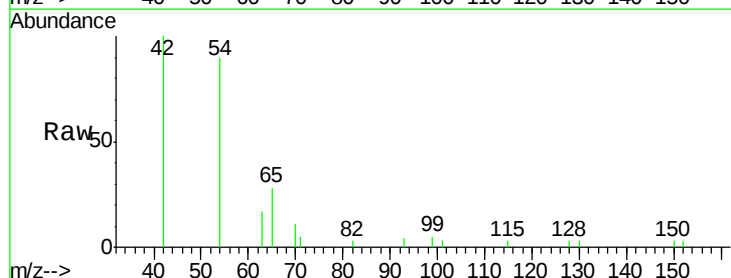
Tgt Ion: 93 Resp: 37

Ion Ratio Lower Upper

93 100

63 459.7 20.0 60.0#

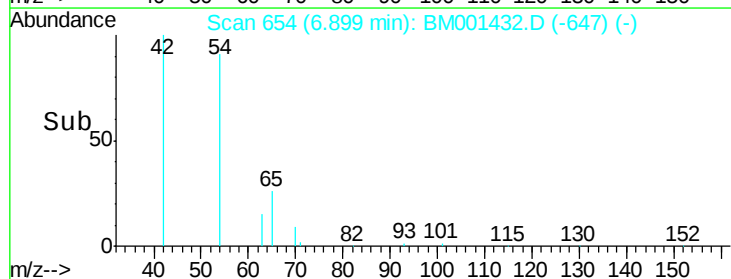
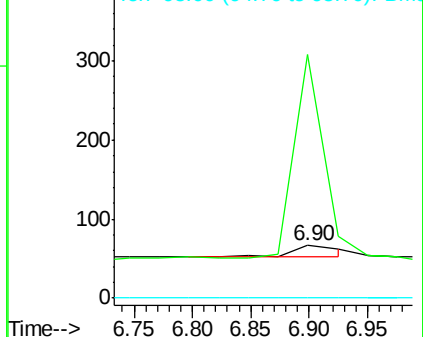
95 0.0 0.0 20.0

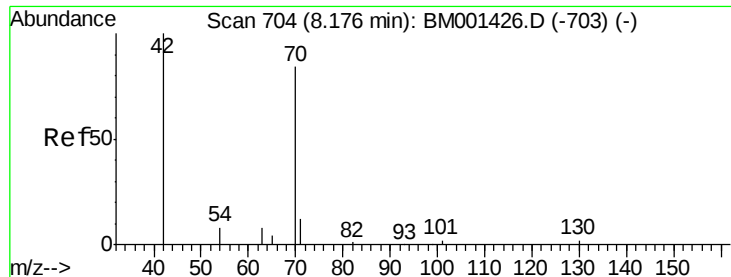


Abundance Ion 93.00 (92.70 to 93.70): BM001426.D (-649) (-)

Ion 63.00 (62.70 to 63.70): BM001426.D (-649) (-)

Ion 95.00 (94.70 to 95.70): BM001426.D (-649) (-)





#5

n-Nitroso-di-n-propylamine

Concen: 0.00 ng

RT: 8.18 min Scan# 704

Delta R.T. -0.00 min

Lab File: BM001432.D

Acq: 28 May 2015 17:50

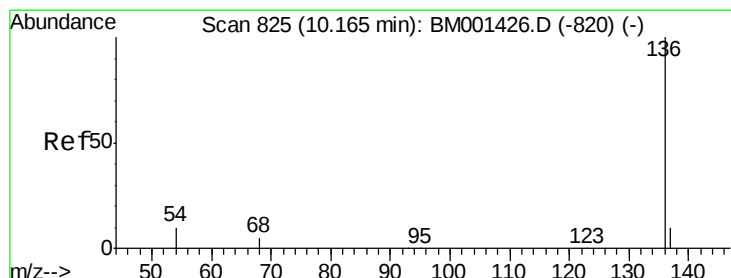
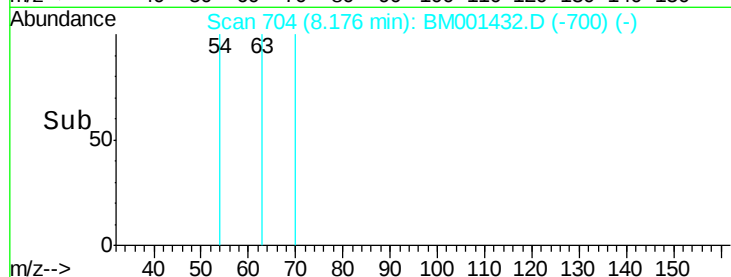
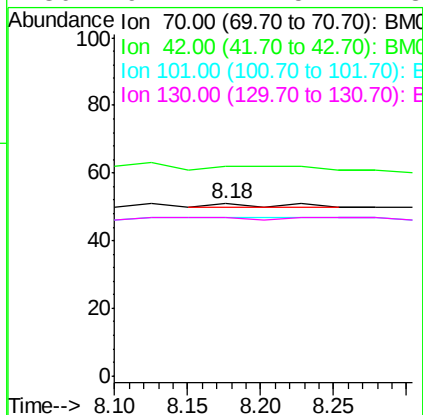
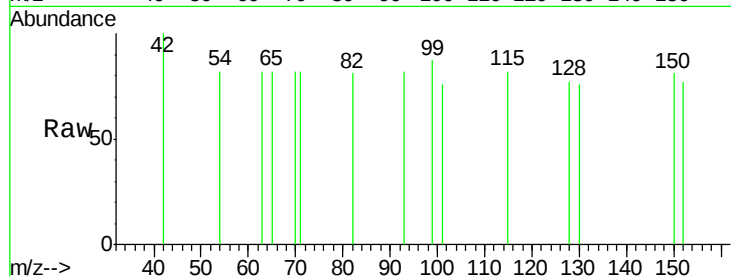
Instrument :

BNA_M

ClientSampleId :

PB83634BL

Tgt Ion:	70	Resp:	3
Ion	Ratio	Lower	Upper
70	100		
42	121.6	97.8	146.6
101	92.2	8.2	12.2#
130	92.2	7.5	11.3#



#6

Naphthalene-d8

Concen: 5.00 ng

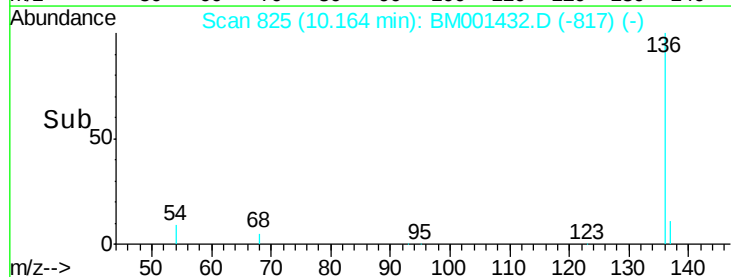
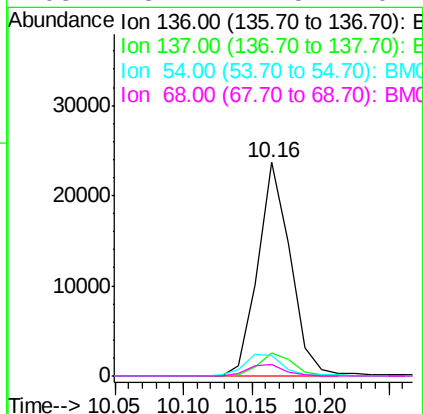
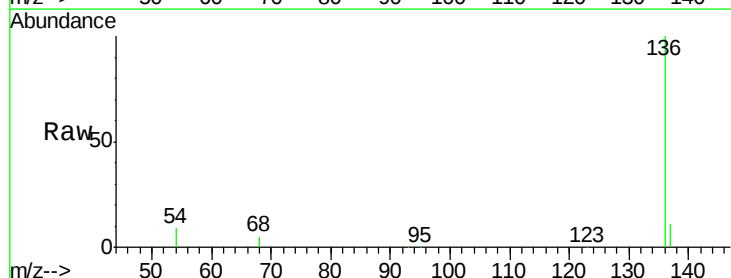
RT: 10.16 min Scan# 825

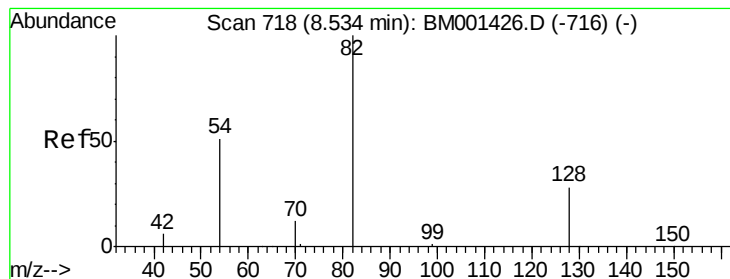
Delta R.T. -0.00 min

Lab File: BM001432.D

Acq: 28 May 2015 17:50

Tgt Ion:	136	Resp:	38847
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.3	12.5
54	9.4	8.2	12.4
68	5.2	4.5	6.7





#7

Nitrobenzene-d5

Concen: 8.64 ng

RT: 8.53 min Scan# 718

Delta R.T. -0.00 min

Lab File: BM001432.D

Acq: 28 May 2015 17:50

Instrument :

BNA_M

ClientSampleId :

PB83634BL

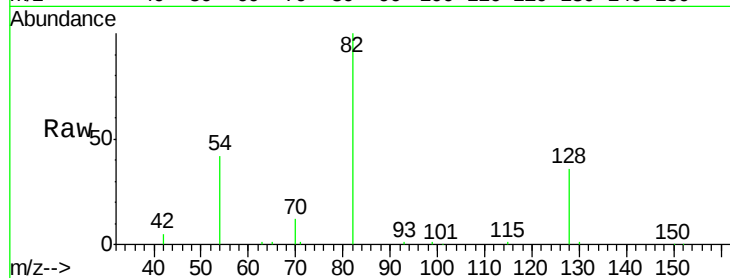
Tgt Ion: 82 Resp: 17952

Ion Ratio Lower Upper

82 100

128 35.7 24.4 36.6

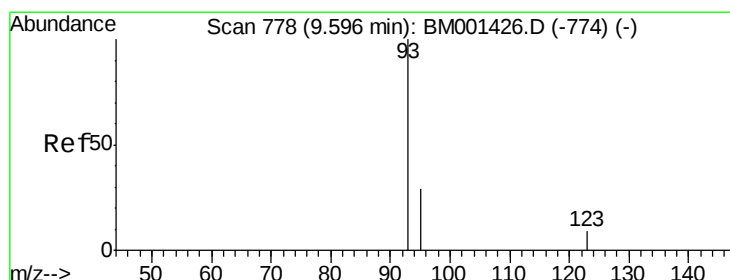
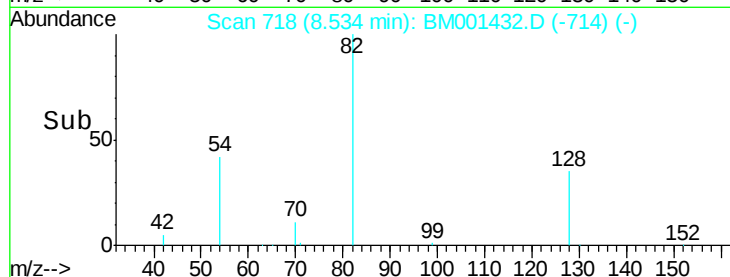
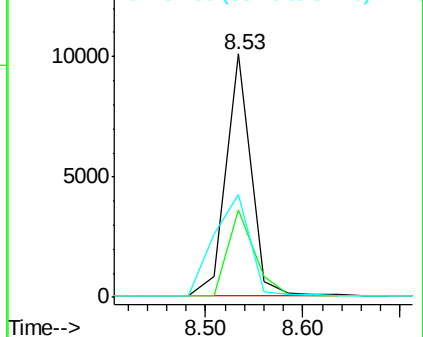
54 42.3 42.3 63.5#



Abundance Ion 82.00 (81.70 to 82.70): BM001432.D (-714) (-)

Ion 128.00 (127.70 to 128.70): BM001432.D (-714) (-)

Ion 54.00 (53.70 to 54.70): BM001432.D (-714) (-)



#8

bis(2-Chloroethoxy)methane

Concen: 0.15 ng

RT: 9.58 min Scan# 777

Delta R.T. -0.01 min

Lab File: BM001432.D

Acq: 28 May 2015 17:50

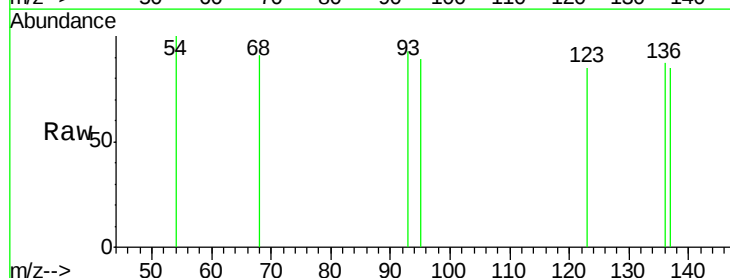
Tgt Ion: 93 Resp: 1

Ion Ratio Lower Upper

93 100

95 96.1 25.3 37.9#

123 92.2 10.2 15.2#



Abundance Ion 93.00 (92.70 to 93.70): BM001432.D (-770) (-)

Ion 95.00 (94.70 to 95.70): BM001432.D (-770) (-)

Ion 123.00 (122.70 to 123.70): BM001432.D (-770) (-)

