

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052215\
 Data File : BM001402.D
 Acq On : 23 May 2015 04:01
 Operator : TP/IZ
 Sample : G2255-06RE
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 LF001MW003-150512RE

Quant Time: May 25 08:41:56 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SIMPAH-BM052215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 23 04:45:39 2015
 Response via : Initial Calibration

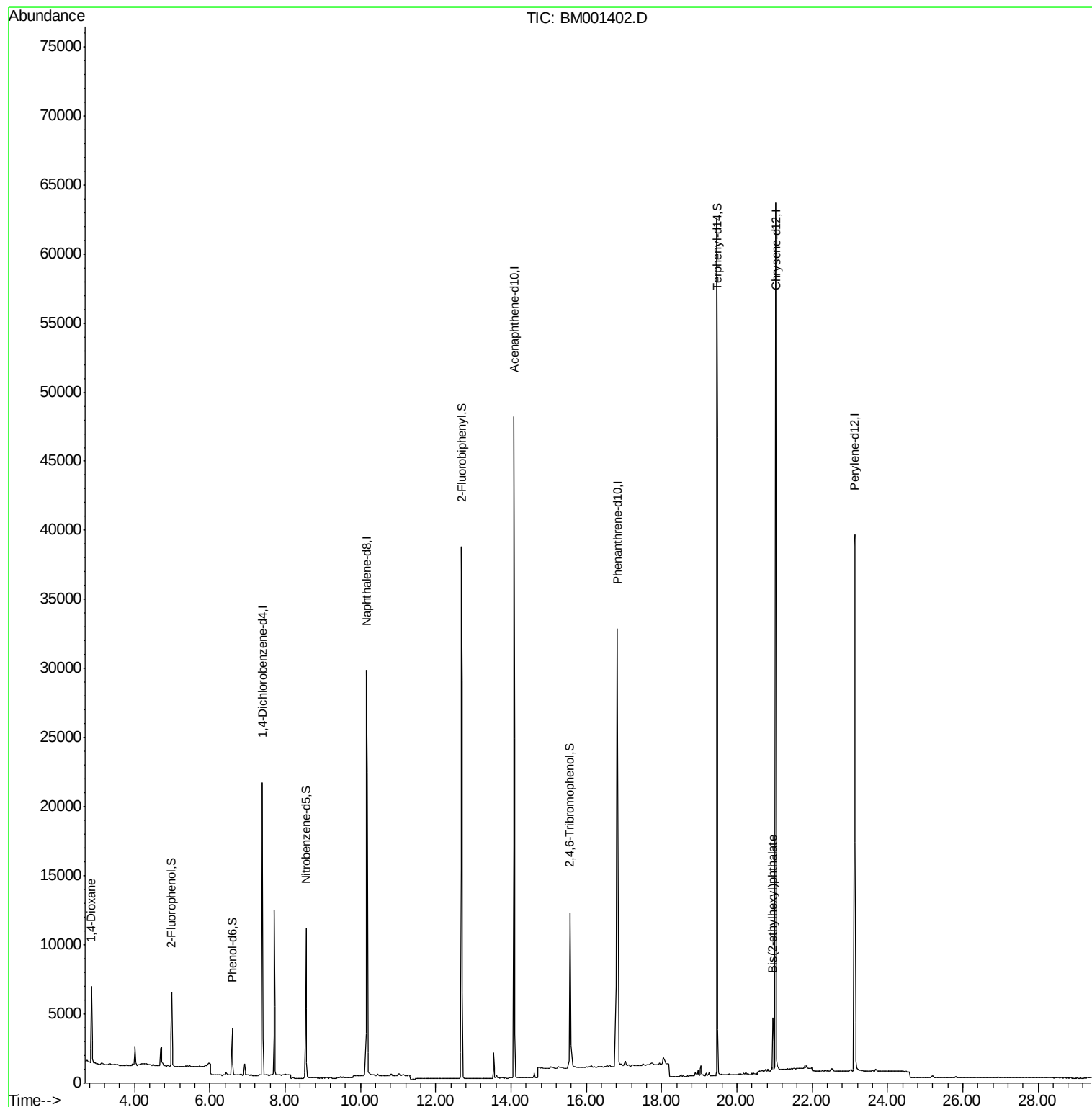
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	12315	5.00	ng	0.00
6) Naphthalene-d8	10.16	136	45889	5.00	ng	-0.02
12) Acenaphthene-d10	14.08	164	26849	5.00	ng	0.00
18) Phenanthrene-d10	16.82	188	65664	5.00	ng	0.00
25) Chrysene-d12	21.03	240	58122	5.00	ng	0.00
32) Perylene-d12	23.13	264	49809	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.99	112	4107	1.69	ng	0.00
5) Phenol-d6	6.60	99	3655	1.29	ng	0.00
7) Nitrobenzene-d5	8.55	82	9177	3.46	ng	0.00
13) 2,4,6-Tribromophenol	15.57	330	9269	11.11	ng	-0.03
14) 2-Fluorobiphenyl	12.68	172	36494	4.42	ng	0.00
27) Terphenyl-d14	19.48	244	69405	8.82	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	2.86	88	3566	3.75	ng	94
30) Bis(2-ethylhexyl)phthalate	20.96	149	4727	0.51	ng	95

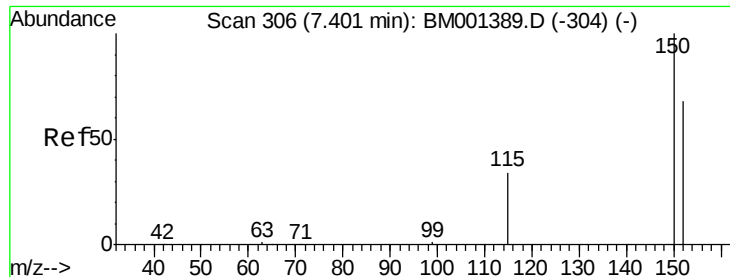
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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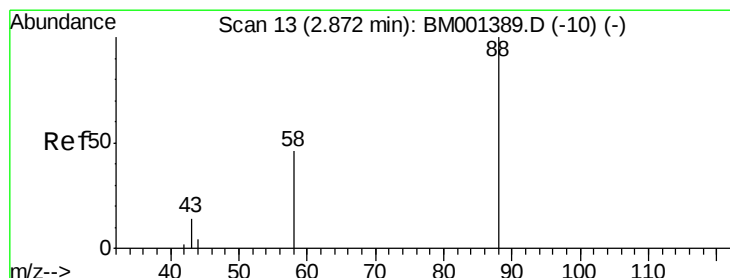
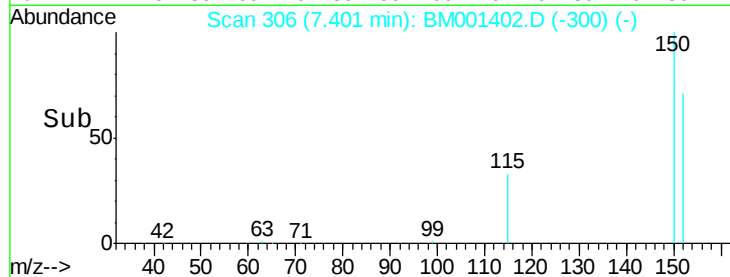
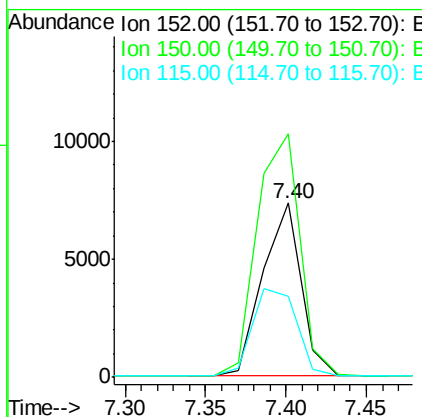
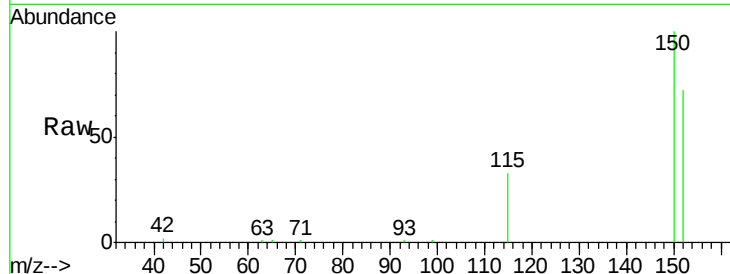




#1
 1,4-Dichlorobenzene-d4
 Concen: 5.00 ng
 RT: 7.40 min Scan# 306
 Delta R.T. 0.00 min
 Lab File: BM001402.D
 Acq: 23 May 2015 04:01

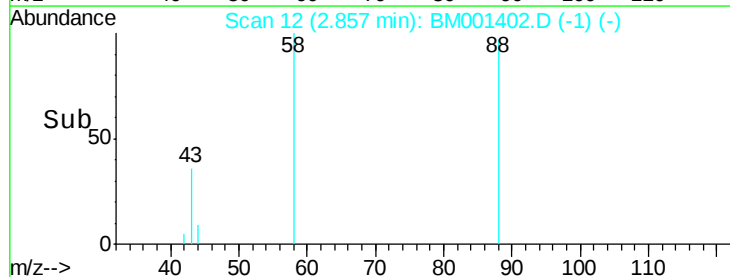
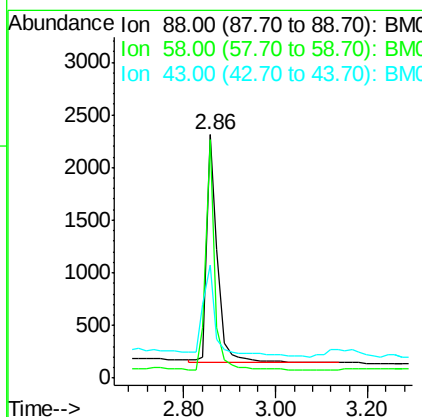
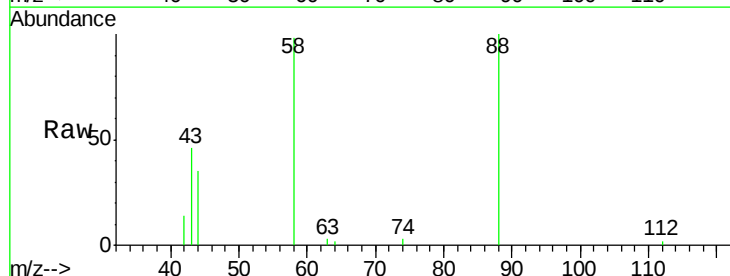
Instrument :
 BNA_M
 ClientSampleId :
 LF001MW003-150512RE

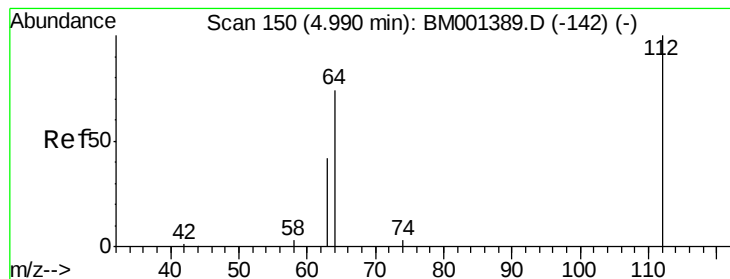
Tgt Ion: 152 Resp: 12315
 Ion Ratio Lower Upper
 152 100
 150 139.6 119.0 178.6
 115 46.5 41.8 62.8



#2
 1,4-Dioxane
 Concen: 3.75 ng
 RT: 2.86 min Scan# 12
 Delta R.T. -0.01 min
 Lab File: BM001402.D
 Acq: 23 May 2015 04:01

Tgt Ion: 88 Resp: 3566
 Ion Ratio Lower Upper
 88 100
 58 83.1 71.3 106.9
 43 48.5 35.5 53.3





#4

2-Fluorophenol

Concen: 1.69 ng

RT: 4.99 min Scan# 150

Delta R.T. 0.00 min

Lab File: BM001402.D

Acq: 23 May 2015 04:01

Instrument :

BNA_M

ClientSampleId :

LF001MW003-150512RE

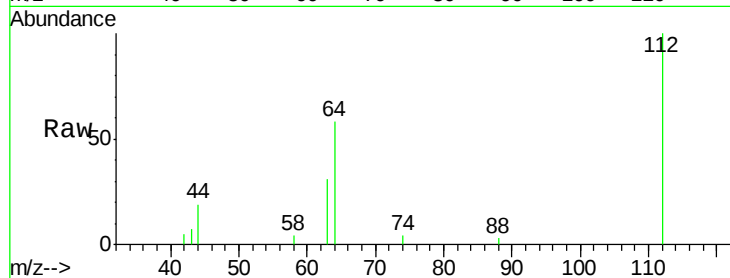
Tgt Ion: 112 Resp: 4107

Ion Ratio Lower Upper

112 100

64 63.8 51.7 77.5

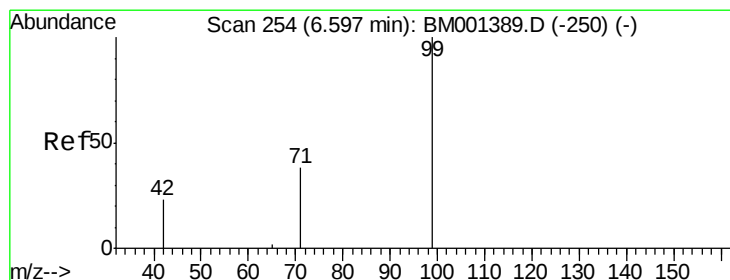
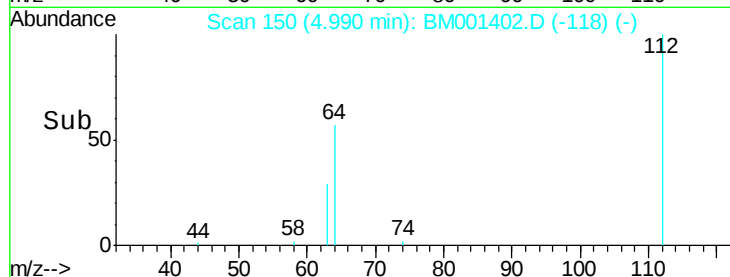
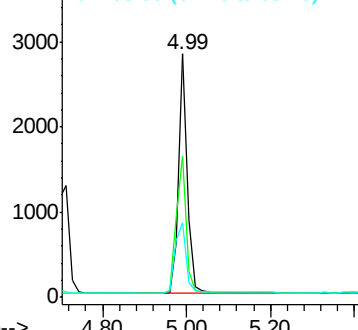
63 36.8 29.7 44.5



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#5

Phenol-d6

Concen: 1.29 ng

RT: 6.60 min Scan# 254

Delta R.T. 0.00 min

Lab File: BM001402.D

Acq: 23 May 2015 04:01

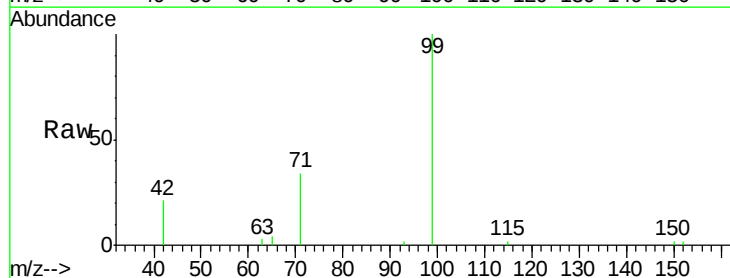
Tgt Ion: 99 Resp: 3655

Ion Ratio Lower Upper

99 100

42 27.5 21.8 32.6

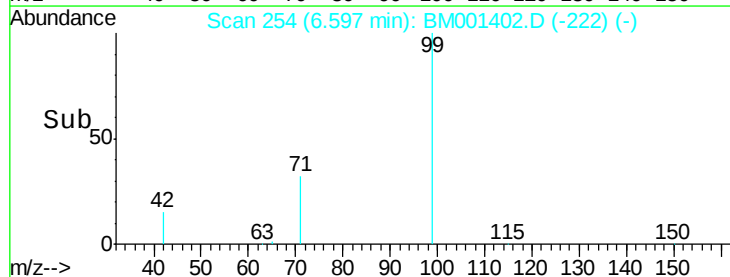
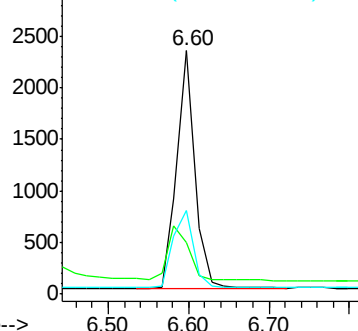
71 36.2 29.2 43.8

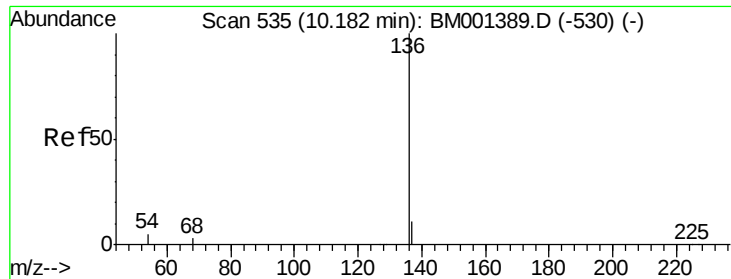


Abundance Ion 99.00 (98.70 to 99.70): BM

Ion 42.00 (41.70 to 42.70): BM

Ion 71.00 (70.70 to 71.70): BM





#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.16 min Scan# 534

Delta R.T. -0.02 min

Lab File: BM001402.D

Acq: 23 May 2015 04:01

Instrument :

BNA_M

ClientSampleId :

LF001MW003-150512RE

Tgt Ion:136 Resp: 45889

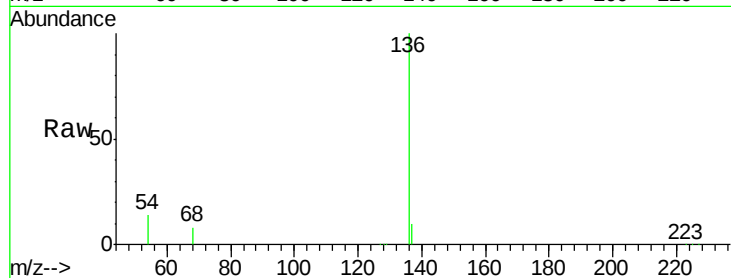
Ion Ratio Lower Upper

136 100

137 10.0 9.1 13.7

54 14.3 4.3 6.5#

68 7.7 2.6 4.0#

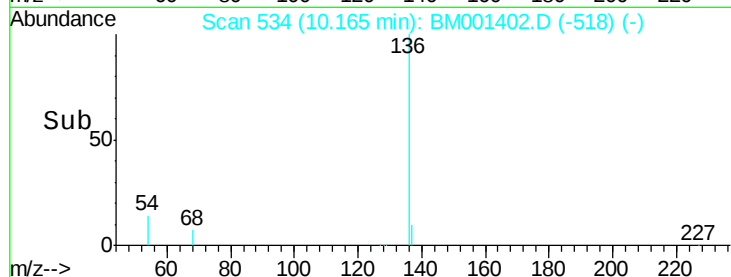


Abundance Ion 136.00 (135.70 to 136.70): E

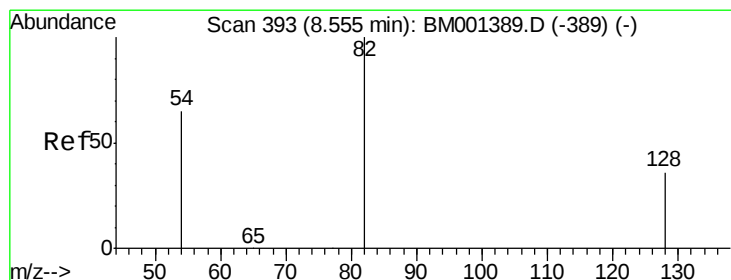
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



Time-->



#7

Nitrobenzene-d5

Concen: 3.46 ng

RT: 8.55 min Scan# 393

Delta R.T. 0.00 min

Lab File: BM001402.D

Acq: 23 May 2015 04:01

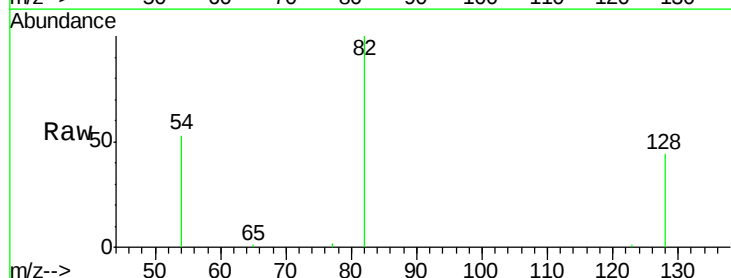
Tgt Ion: 82 Resp: 9177

Ion Ratio Lower Upper

82 100

128 43.9 30.2 45.4

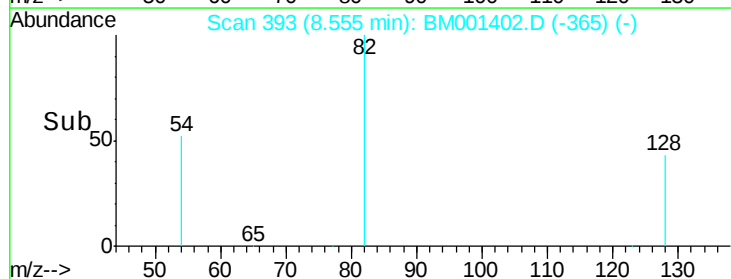
54 53.0 52.9 79.3



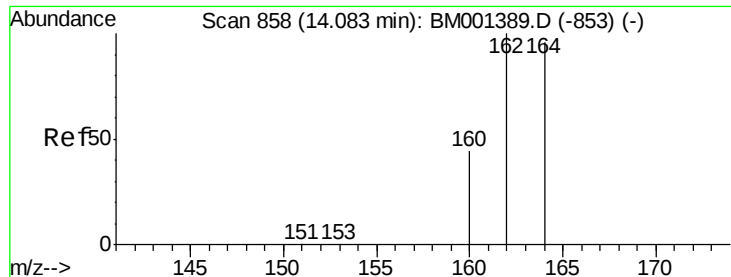
Abundance Ion 82.00 (81.70 to 82.70): BM

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM



Time-->



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.08 min Scan# 857

Delta R.T. -0.01 min

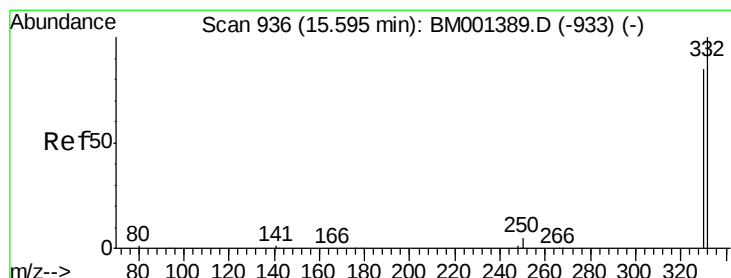
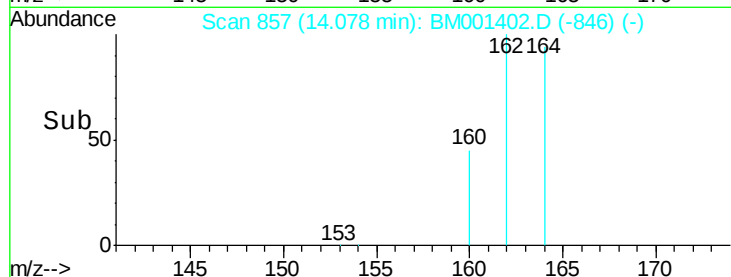
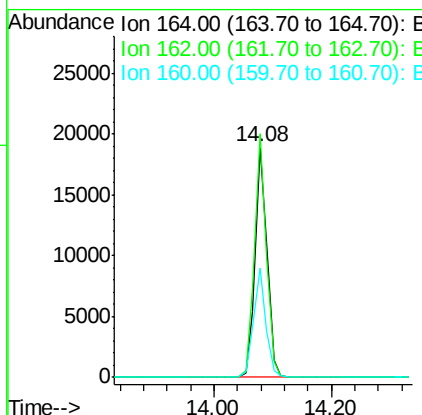
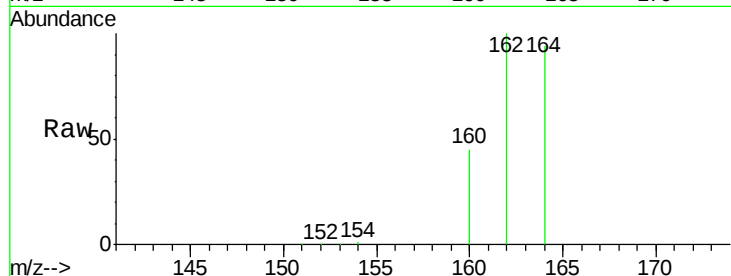
Lab File: BM001402.D

Acq: 23 May 2015 04:01

Instrument :
BNA_M
ClientSampleId :
LF001MW003-150512RE

Tgt Ion:164 Resp: 26849

Ion	Ratio	Lower	Upper
164	100		
162	105.8	83.4	125.2
160	47.6	36.9	55.3



#13

2,4,6-Tribromophenol

Concen: 11.11 ng

RT: 15.57 min Scan# 935

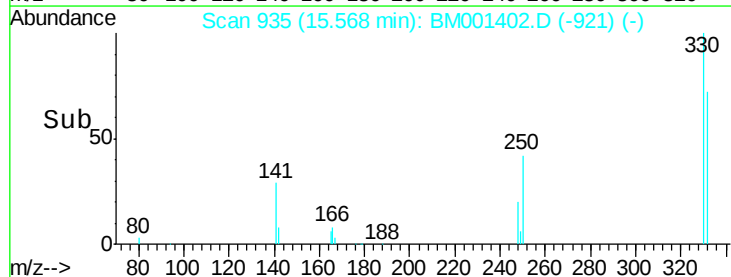
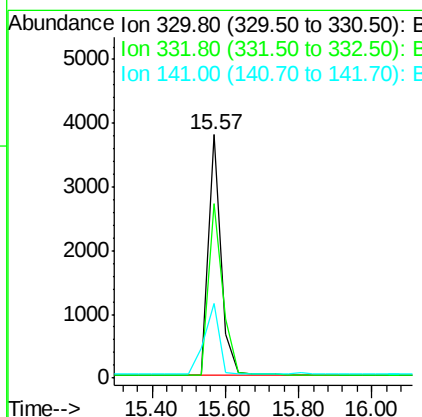
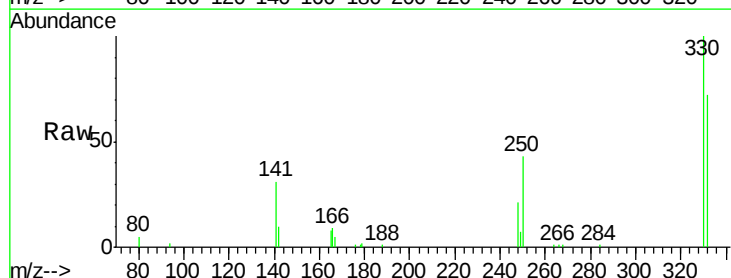
Delta R.T. -0.03 min

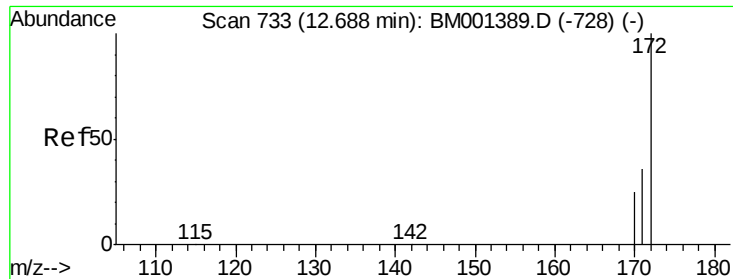
Lab File: BM001402.D

Acq: 23 May 2015 04:01

Tgt Ion:330 Resp: 9269

Ion	Ratio	Lower	Upper
330	100		
332	81.8	90.3	135.5#
141	34.4	0.0	0.0#

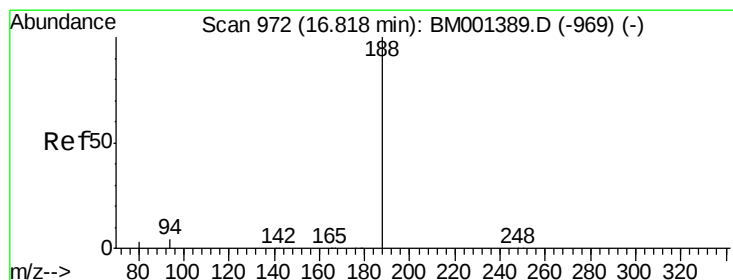
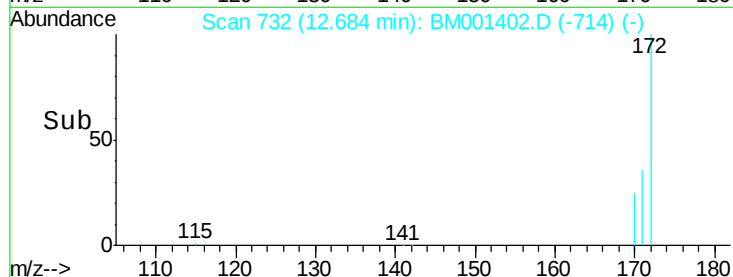
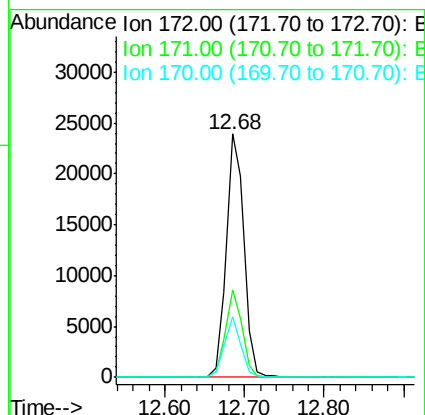
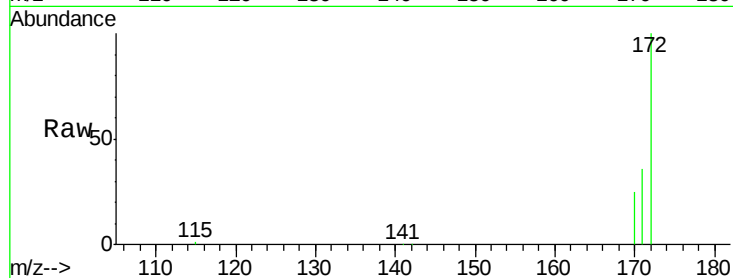




#14
2-Fluorobiphenyl
Concen: 4.42 ng
RT: 12.68 min Scan# 732
Delta R.T. -0.00 min
Lab File: BM001402.D
Acq: 23 May 2015 04:01

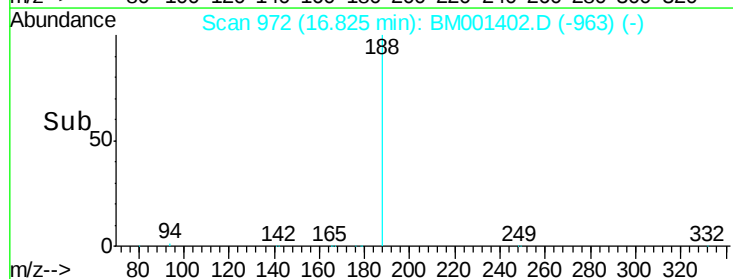
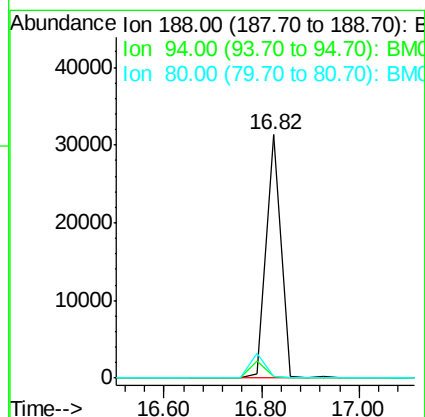
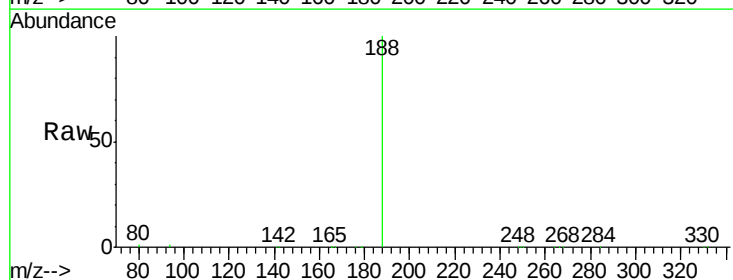
Instrument :
BNA_M
ClientSampleId :
LF001MW003-150512RE

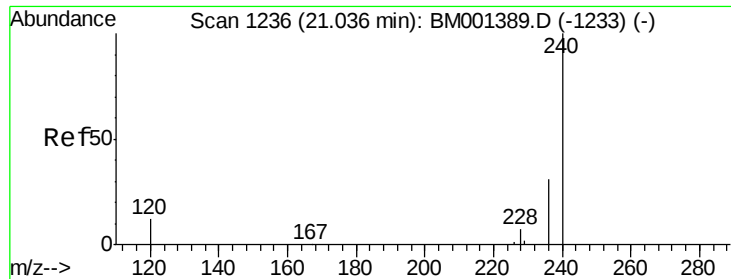
Tgt Ion:172 Resp: 36494
Ion Ratio Lower Upper
172 100
171 36.1 29.4 44.0
170 24.9 20.2 30.4



#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.82 min Scan# 972
Delta R.T. 0.01 min
Lab File: BM001402.D
Acq: 23 May 2015 04:01

Tgt Ion:188 Resp: 65664
Ion Ratio Lower Upper
188 100
94 0.9 3.0 4.4#
80 0.7 2.5 3.7#





#25

Chrysene-d12

Concen: 5.00 ng

RT: 21.03 min Scan# 1237

Delta R.T. -0.00 min

Lab File: BM001402.D

Acq: 23 May 2015 04:01

Instrument :

BNA_M

ClientSampleId :

LF001MW003-150512RE

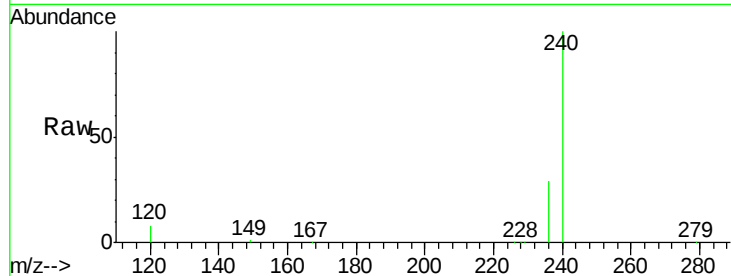
Tgt Ion:240 Resp: 58122

Ion Ratio Lower Upper

240 100

120 8.4 9.7 14.5#

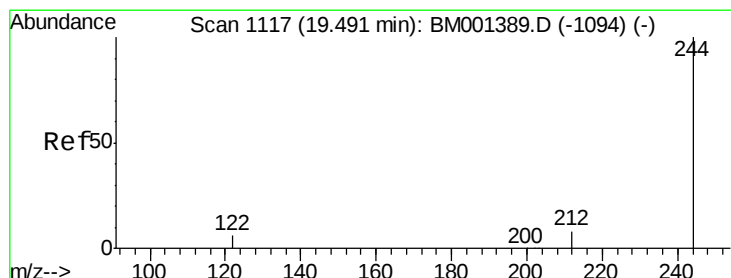
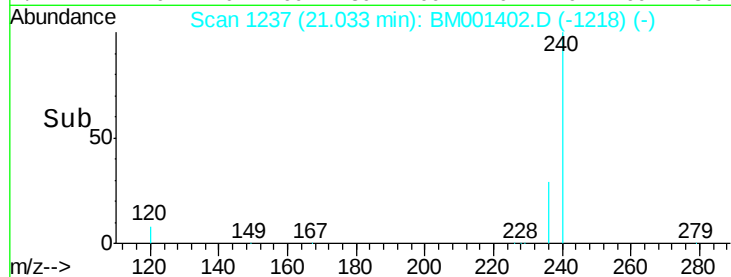
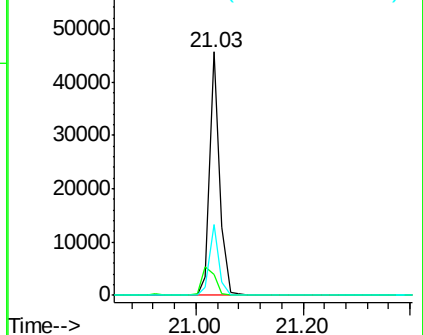
236 29.1 24.8 37.2



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#27

Terphenyl-d14

Concen: 8.82 ng

RT: 19.48 min Scan# 1117

Delta R.T. -0.01 min

Lab File: BM001402.D

Acq: 23 May 2015 04:01

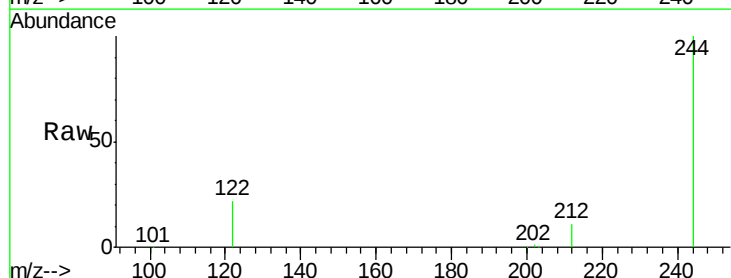
Tgt Ion:244 Resp: 69405

Ion Ratio Lower Upper

244 100

212 10.9 7.2 10.8#

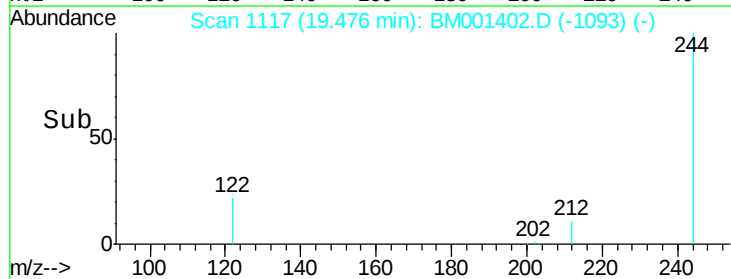
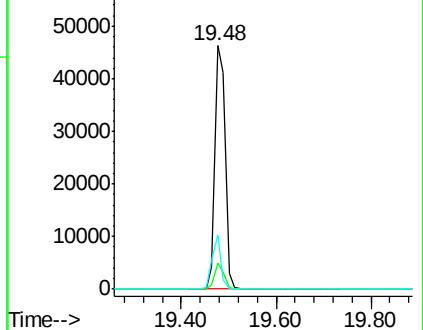
122 22.3 5.1 7.7#

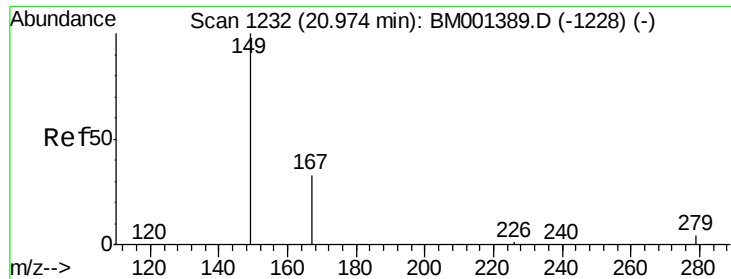


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

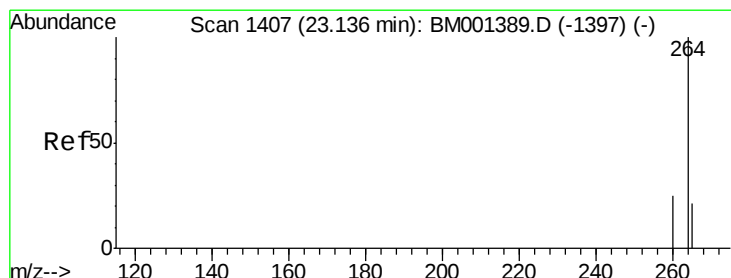
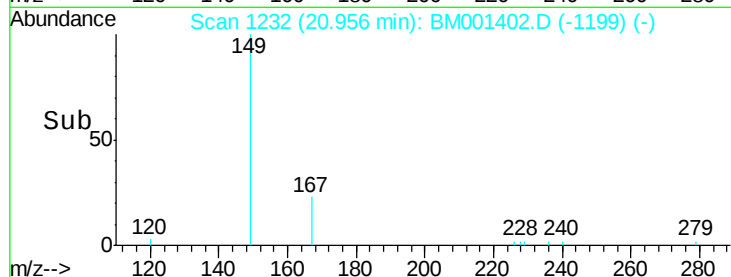
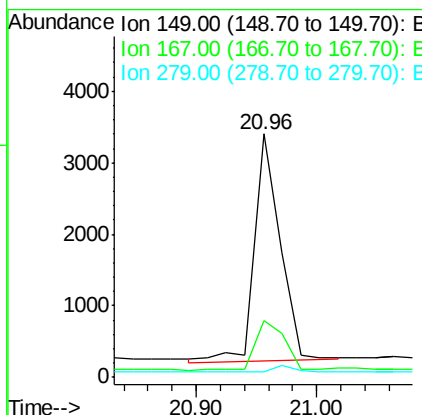
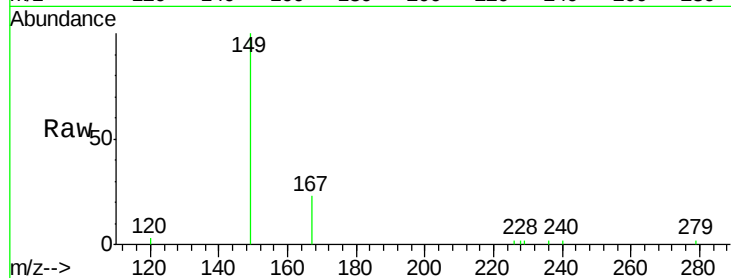




#30
 Bis(2-ethylhexyl)phthalate
 Concen: 0.51 ng
 RT: 20.96 min Scan# 1232
 Delta R.T. -0.02 min
 Lab File: BM001402.D
 Acq: 23 May 2015 04:01

Instrument :
 BNA_M
 ClientSampleId :
 LF001MW003-150512RE

Tgt Ion:149 Resp: 4727
 Ion Ratio Lower Upper
 149 100
 167 23.6 21.0 31.6
 279 2.9 2.2 3.2



#32
 Perylene-d12
 Concen: 5.00 ng
 RT: 23.13 min Scan# 1408
 Delta R.T. -0.00 min
 Lab File: BM001402.D
 Acq: 23 May 2015 04:01

Tgt Ion:264 Resp: 49809
 Ion Ratio Lower Upper
 264 100
 260 23.4 20.1 30.1
 265 23.1 17.1 25.7

