

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052215\
 Data File : BM001401.D
 Acq On : 23 May 2015 03:26
 Operator : TP/IZ
 Sample : G2255-10 20X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 KY032MW006-150512

Quant Time: May 26 10:59:36 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

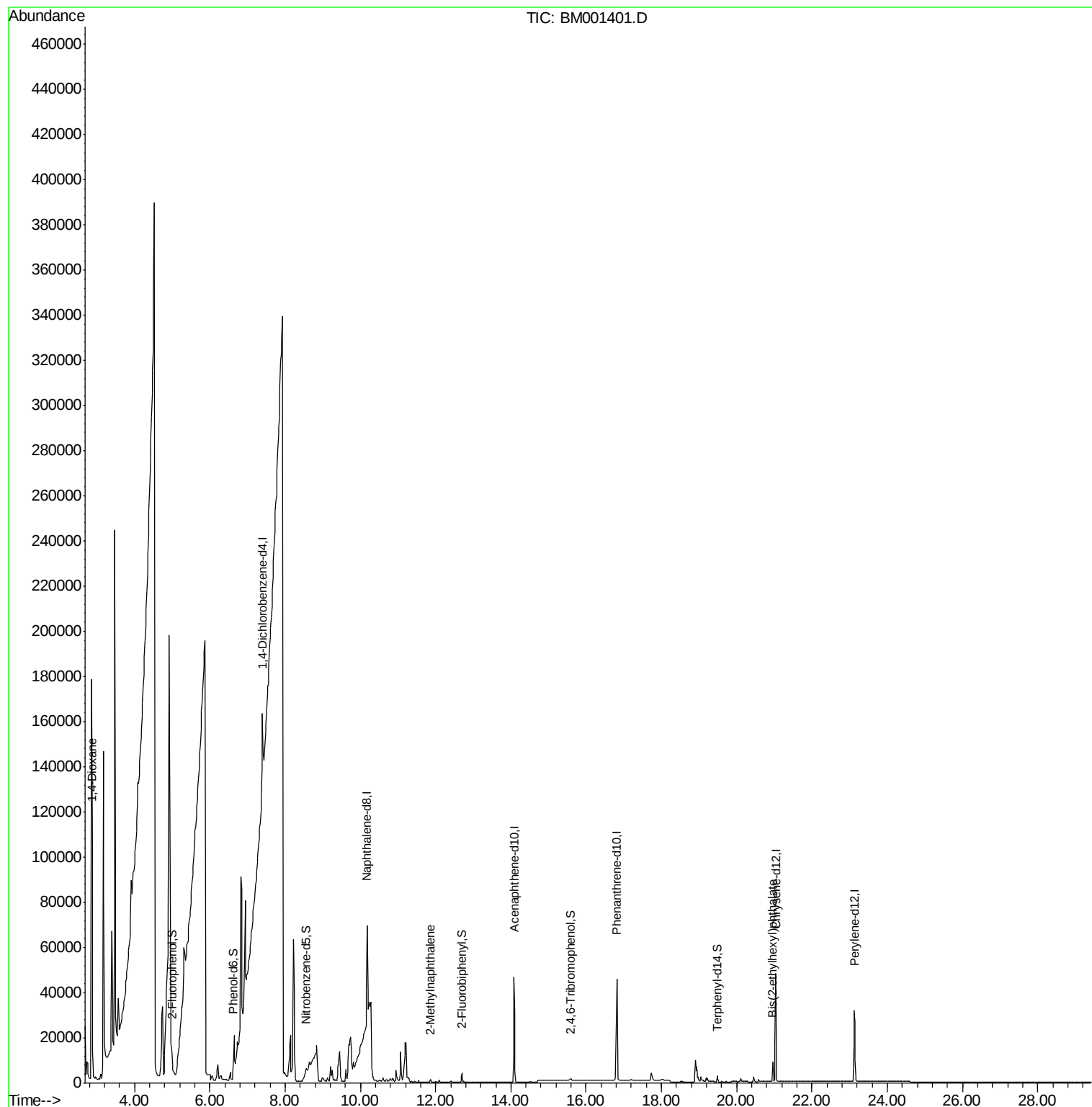
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	14935	5.00	ng	0.00
6) Naphthalene-d8	10.18	136	56514	5.00	ng	0.00
12) Acenaphthene-d10	14.08	164	27483	5.00	ng	0.00
18) Phenanthrene-d10	16.82	188	87825	5.00	ng	0.00
25) Chrysene-d12	21.04	240	45436	5.00	ng	0.00
32) Perylene-d12	23.13	264	38734	5.00	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.01	112	1039	0.35	ng	0.02
5) Phenol-d6	6.63	99	1313	0.38	ng	0.03
7) Nitrobenzene-d5	8.57	82	2873	0.88	ng	0.01
13) 2,4,6-Tribromophenol	15.60	330	669	0.78	ng	0.00
14) 2-Fluorobiphenyl	12.70	172	3772	0.45	ng	0.01
27) Terphenyl-d14	19.48	244	2769	0.45	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	2.87	88	110903	102.66	ng	Qvalue 96
11) 2-Methylnaphthalene	11.87	142	973	0.12	ng	# 90
30) Bis(2-ethylhexyl)phthalate	20.96	149	8024	1.11	ng	98

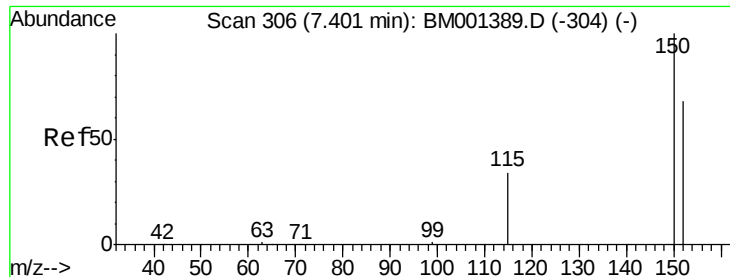
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BM001401.D

Acq: 23 May 2015 03:26

Instrument :

BNA_M

ClientSampleId :

KY032MW006-150512

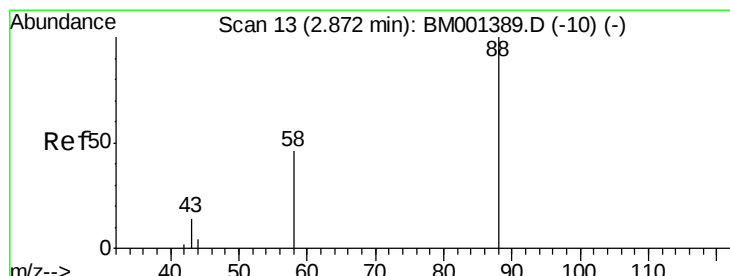
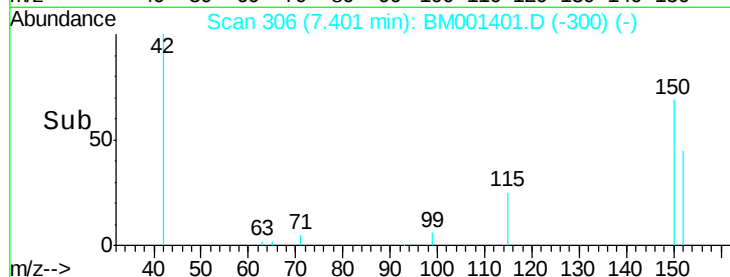
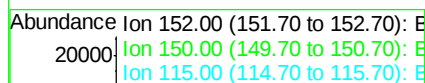
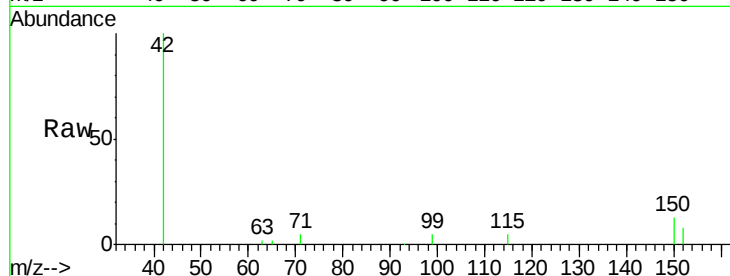
Tgt Ion: 152 Resp: 14935

Ion Ratio Lower Upper

152 100

150 153.3 119.0 178.6

115 60.0 41.8 62.8



#2

1,4-Dioxane

Concen: 102.66 ng

RT: 2.87 min Scan# 13

Delta R.T. 0.00 min

Lab File: BM001401.D

Acq: 23 May 2015 03:26

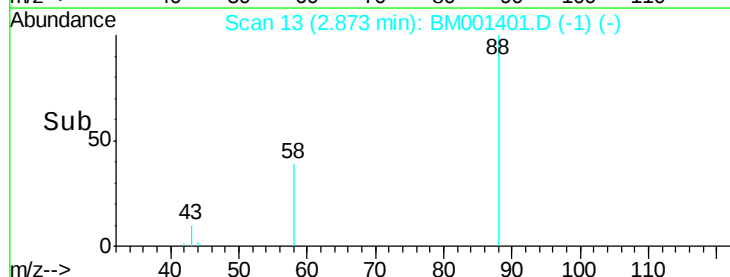
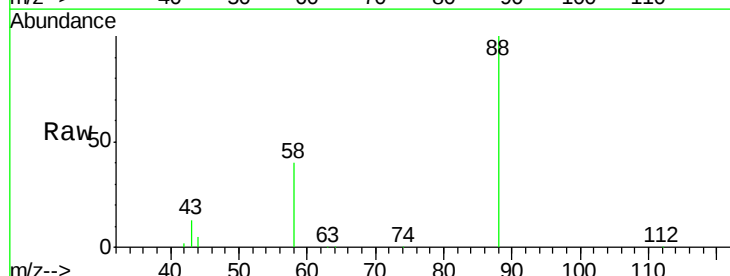
Tgt Ion: 88 Resp: 110903

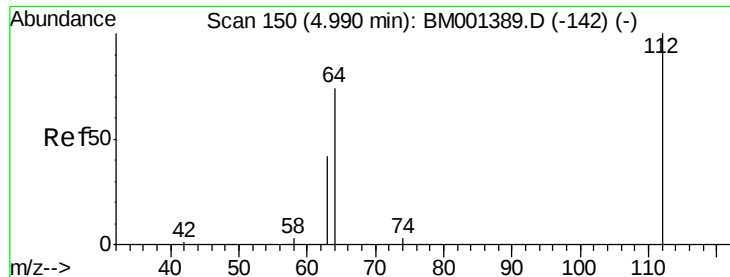
Ion Ratio Lower Upper

88 100

58 94.1 71.3 106.9

43 44.7 35.5 53.3





#4

2-Fluorophenol

Concen: 0.35 ng

RT: 5.01 min Scan# 151

Delta R.T. 0.02 min

Lab File: BM001401.D

Acq: 23 May 2015 03:26

Instrument :

BNA_M

ClientSampleId :

KY032MW006-150512

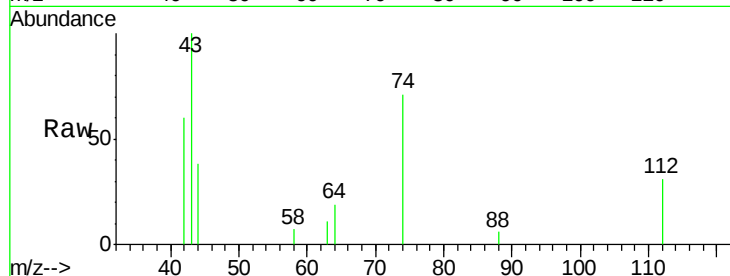
Tgt Ion: 112 Resp: 1039

Ion Ratio Lower Upper

112 100

64 70.2 51.7 77.5

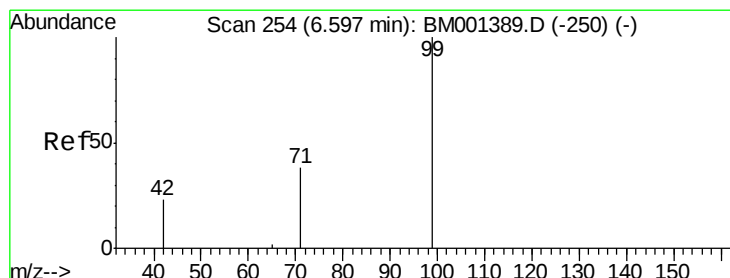
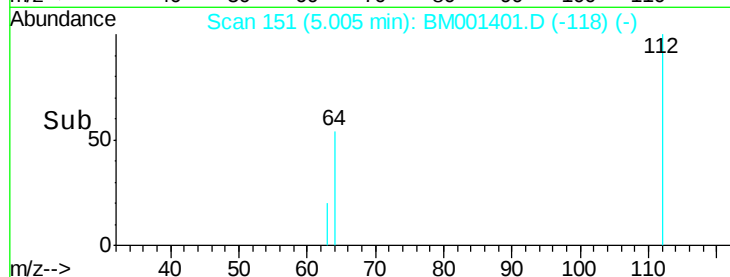
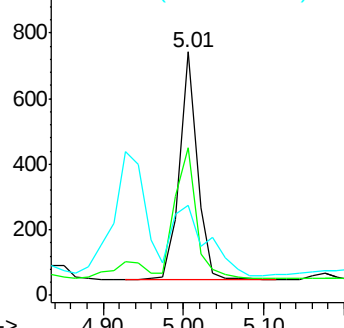
63 61.1 29.7 44.5#



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B



#5

Phenol-d6

Concen: 0.38 ng

RT: 6.63 min Scan# 256

Delta R.T. 0.03 min

Lab File: BM001401.D

Acq: 23 May 2015 03:26

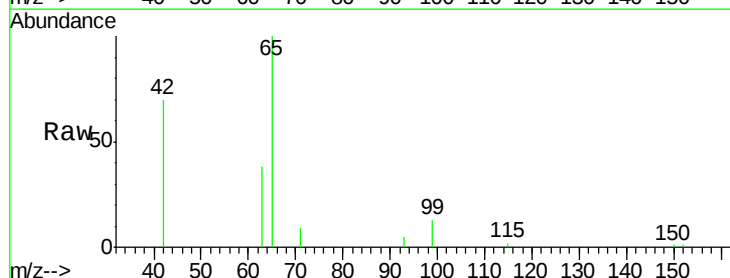
Tgt Ion: 99 Resp: 1313

Ion Ratio Lower Upper

99 100

42 0.0 21.8 32.6#

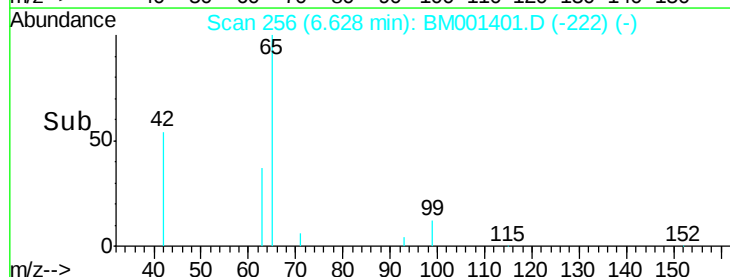
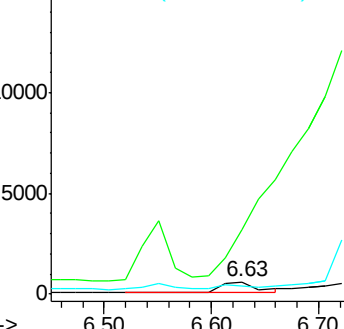
71 0.0 29.2 43.8#

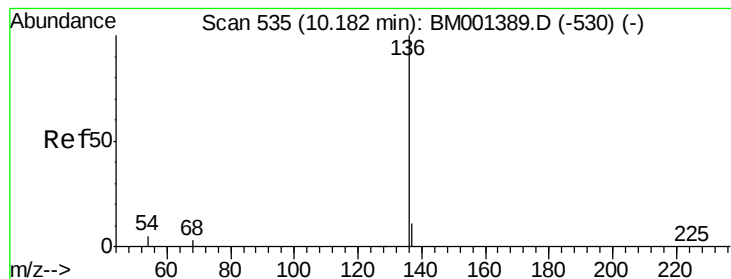


Abundance Ion 99.00 (98.70 to 99.70): B

Ion 42.00 (41.70 to 42.70): B

Ion 71.00 (70.70 to 71.70): B





#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.18 min Scan# 535

Delta R.T. 0.00 min

Lab File: BM001401.D

Acq: 23 May 2015 03:26

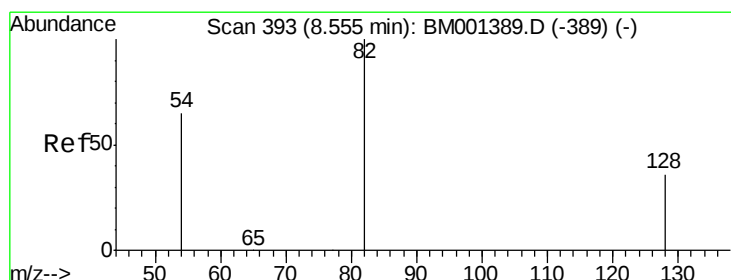
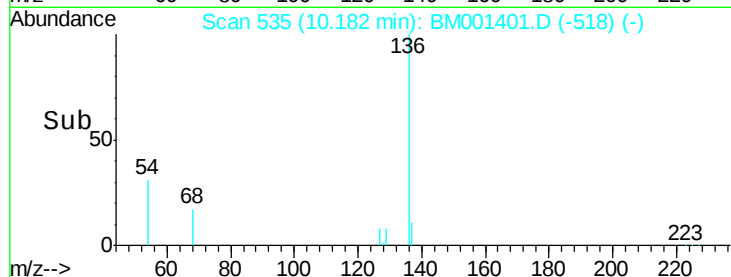
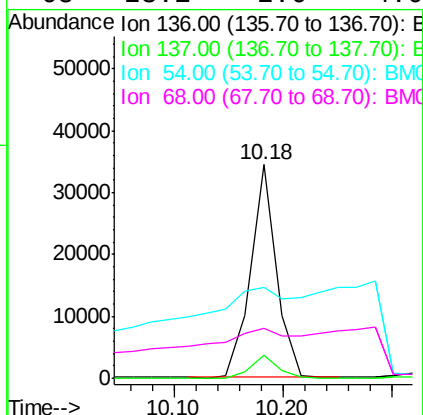
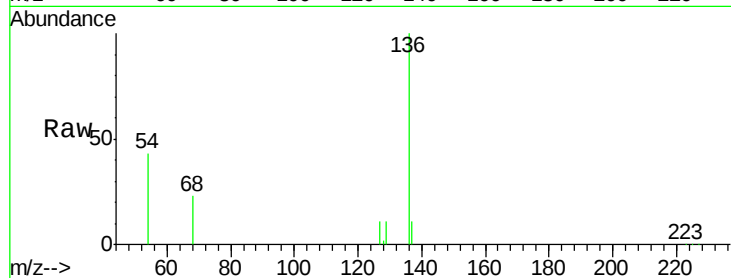
Instrument :

BNA_M

ClientSampleId :

KY032MW006-150512

Tgt Ion:136	Resp:	56514
Ion Ratio	Lower	Upper
136	100	
137	11.0	9.1 13.7
54	42.6	4.3 6.5#
68	23.1	2.6 4.0#



#7

Nitrobenzene-d5

Concen: 0.88 ng

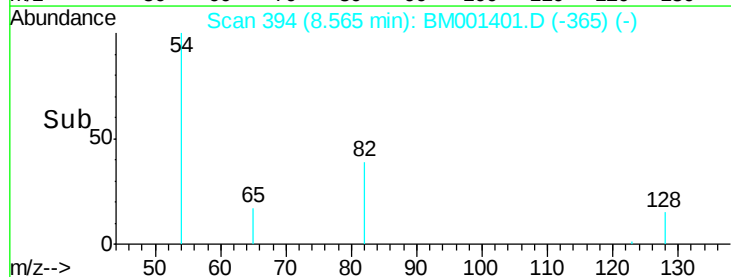
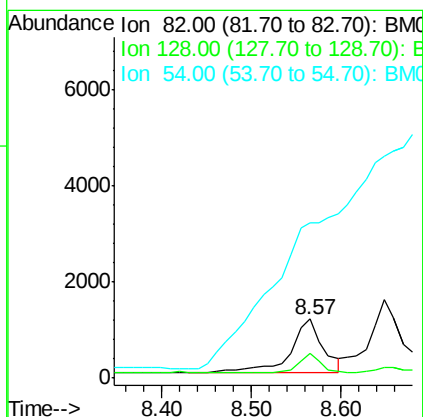
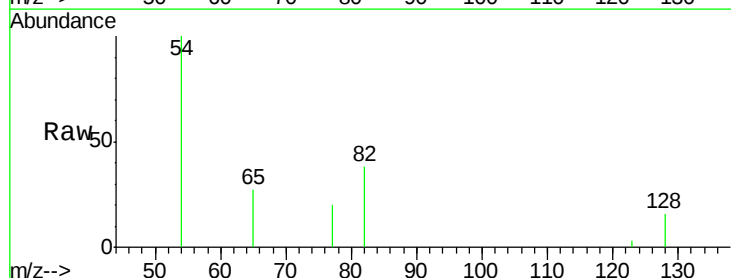
RT: 8.57 min Scan# 394

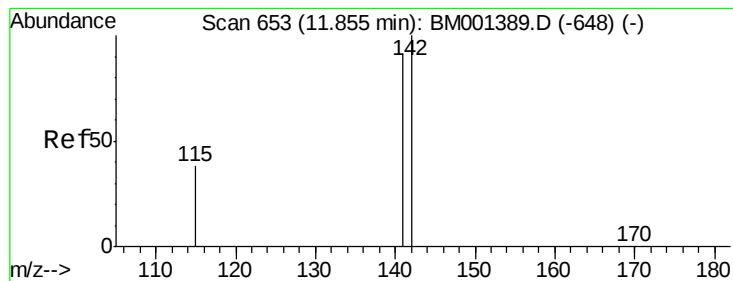
Delta R.T. 0.01 min

Lab File: BM001401.D

Acq: 23 May 2015 03:26

Tgt Ion: 82	Resp:	2873
Ion Ratio	Lower	Upper
82	100	
128	41.8	30.2 45.4
54	262.3	52.9 79.3#





#11

2-Methylnaphthalene

Concen: 0.12 ng

RT: 11.87 min Scan# 654

Delta R.T. 0.01 min

Lab File: BM001401.D

Acq: 23 May 2015 03:26

Instrument :

BNA_M

ClientSampleId :

KY032MW006-150512

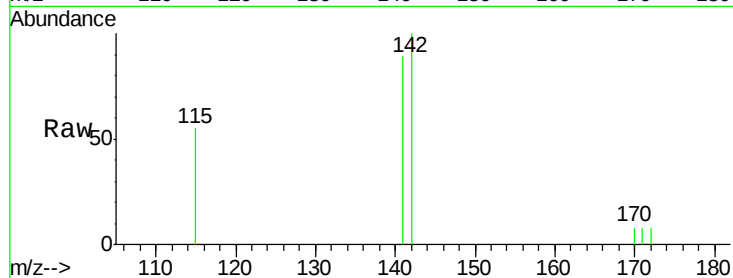
Tgt Ion:142 Resp: 973

Ion Ratio Lower Upper

142 100

141 88.8 72.6 109.0

115 55.4 31.2 46.8#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

11.87

600

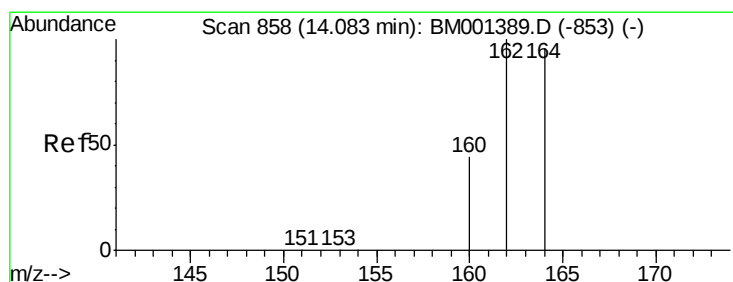
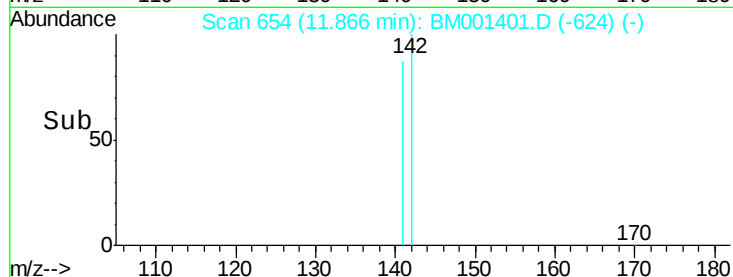
400

200

0

11.80 11.85 11.90 11.95

Time-->



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.08 min Scan# 858

Delta R.T. 0.00 min

Lab File: BM001401.D

Acq: 23 May 2015 03:26

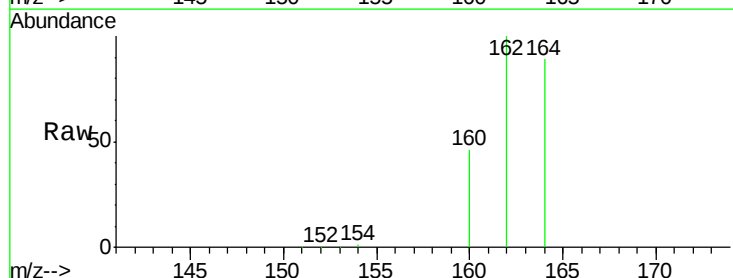
Tgt Ion:164 Resp: 27483

Ion Ratio Lower Upper

164 100

162 112.0 83.4 125.2

160 51.5 36.9 55.3



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

14.08

25000

20000

15000

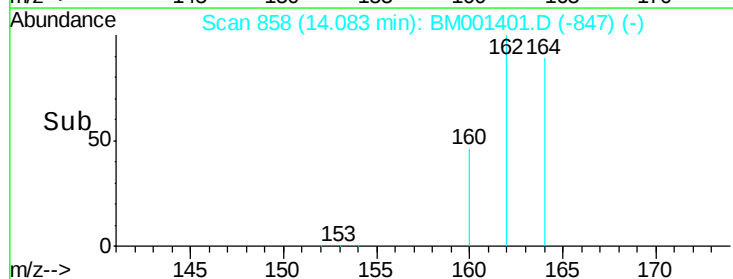
10000

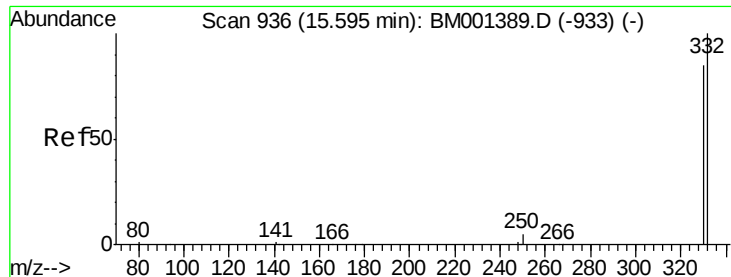
5000

0

14.00 14.20

Time-->

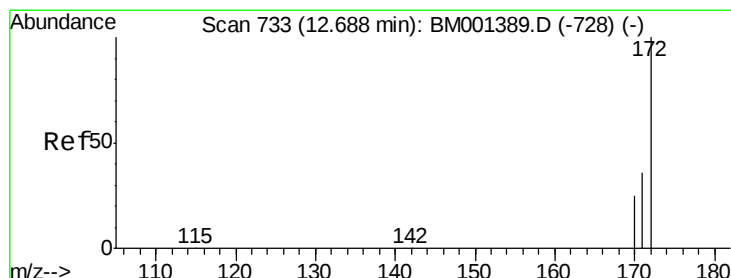
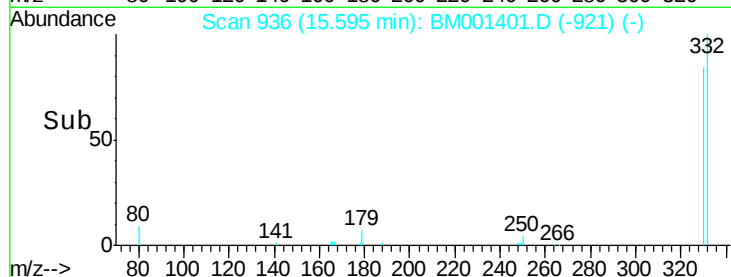
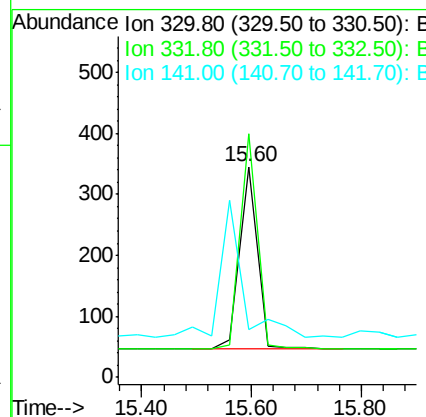
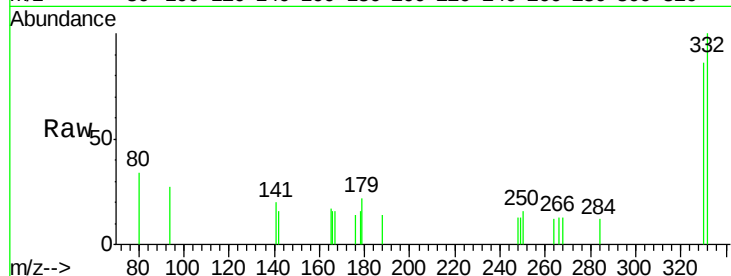




#13
 2,4,6-Tribromophenol
 Concen: 0.78 ng
 RT: 15.60 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: BM001401.D
 Acq: 23 May 2015 03:26

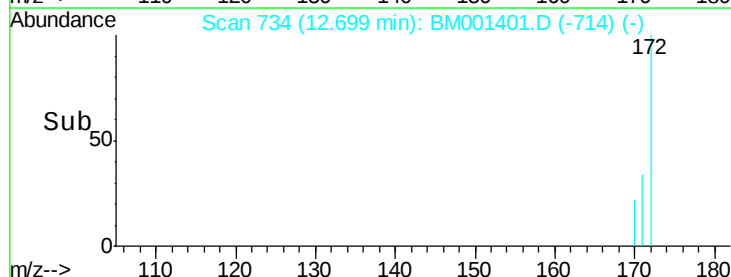
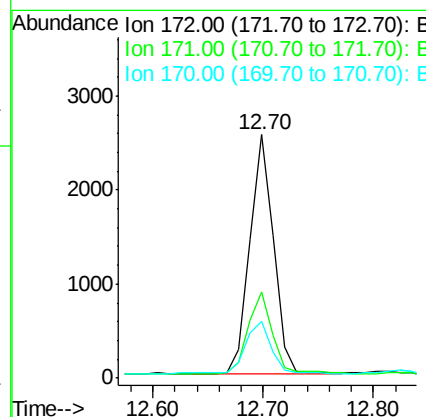
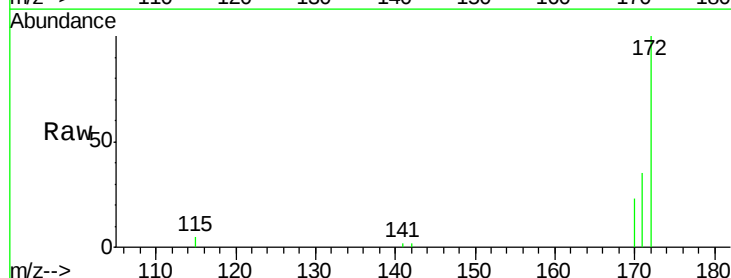
Instrument :
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 KY032MW006-150512

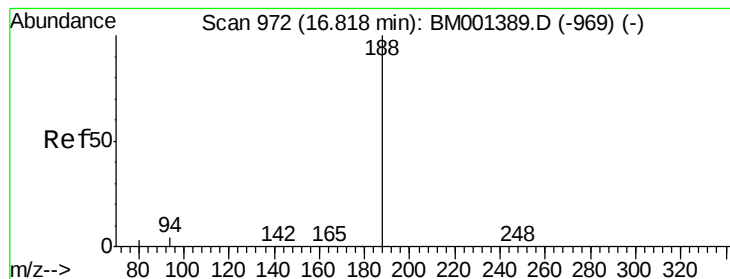
Tgt Ion:330 Resp: 669
 Ion Ratio Lower Upper
 330 100
 332 114.2 90.3 135.5
 141 0.0 0.0 0.0



#14
 2-Fluorobiphenyl
 Concen: 0.45 ng
 RT: 12.70 min Scan# 734
 Delta R.T. 0.01 min
 Lab File: BM001401.D
 Acq: 23 May 2015 03:26

Tgt Ion:172 Resp: 3772
 Ion Ratio Lower Upper
 172 100
 171 35.2 29.4 44.0
 170 23.3 20.2 30.4





#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 16.82 min Scan# 972

Delta R.T. 0.00 min

Lab File: BM001401.D

Acq: 23 May 2015 03:26

Instrument :

BNA_M

ClientSampleId :

KY032MW006-150512

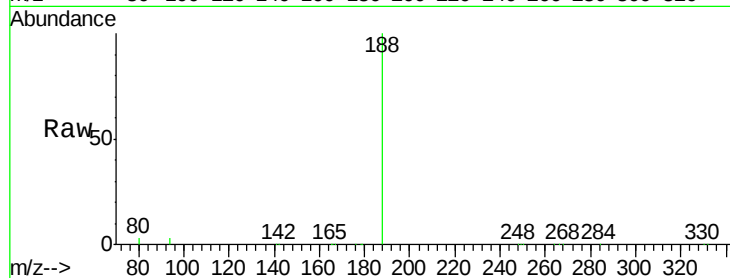
Tgt Ion:188 Resp: 87825

Ion Ratio Lower Upper

188 100

94 3.0 3.0 4.4

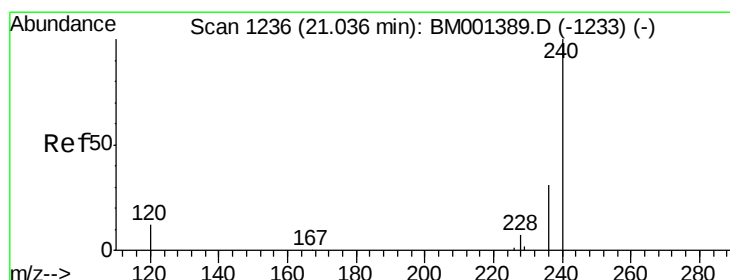
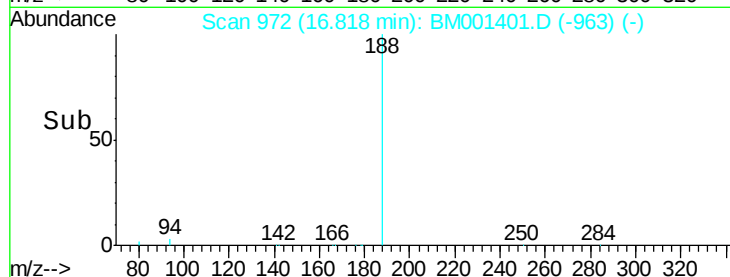
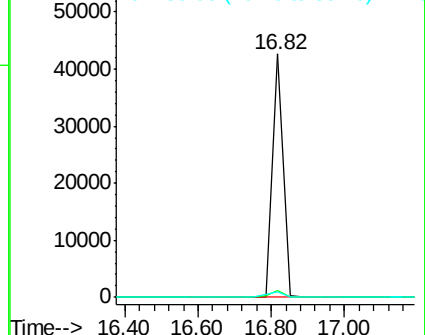
80 2.5 2.5 3.7



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0



#25

Chrysene-d12

Concen: 5.00 ng

RT: 21.04 min Scan# 1236

Delta R.T. 0.00 min

Lab File: BM001401.D

Acq: 23 May 2015 03:26

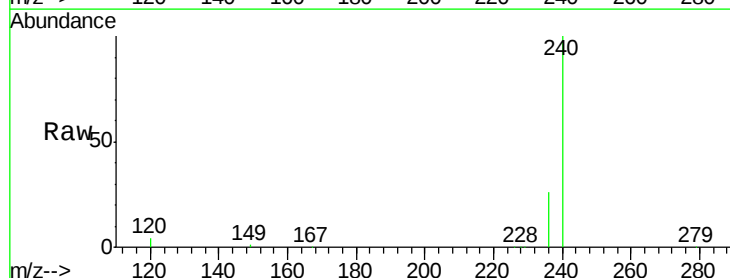
Tgt Ion:240 Resp: 45436

Ion Ratio Lower Upper

240 100

120 4.2 9.7 14.5#

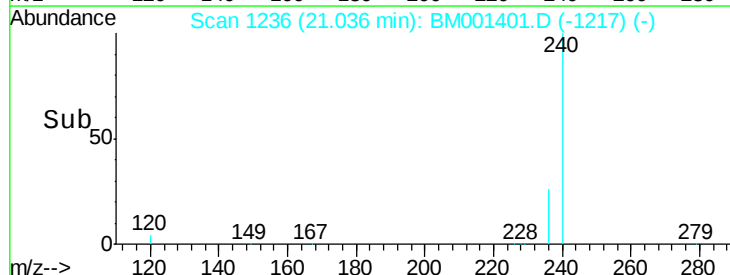
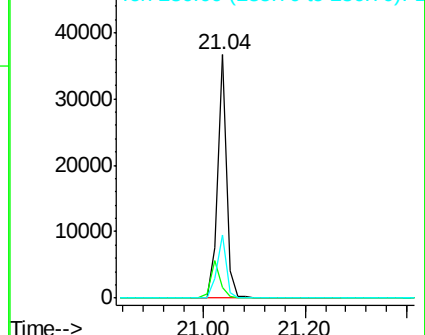
236 25.8 24.8 37.2

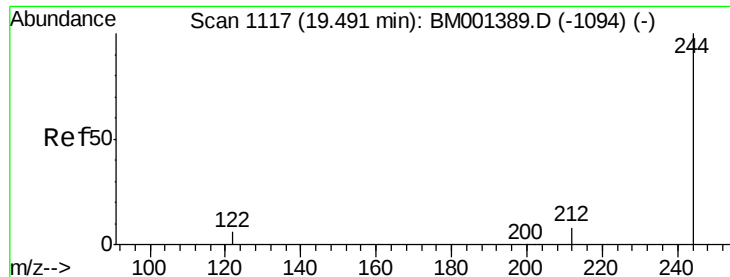


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#27

Terphenyl-d14

Concen: 0.45 ng

RT: 19.48 min Scan# 1116

Delta R.T. -0.01 min

Lab File: BM001401.D

Acq: 23 May 2015 03:26

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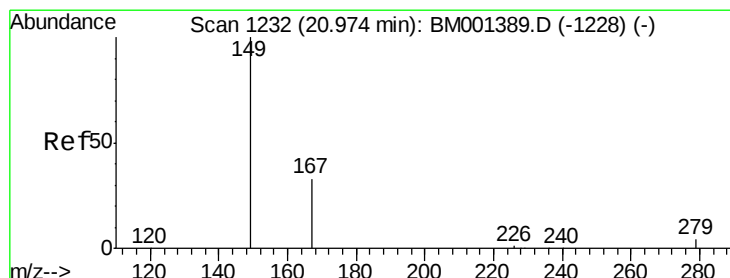
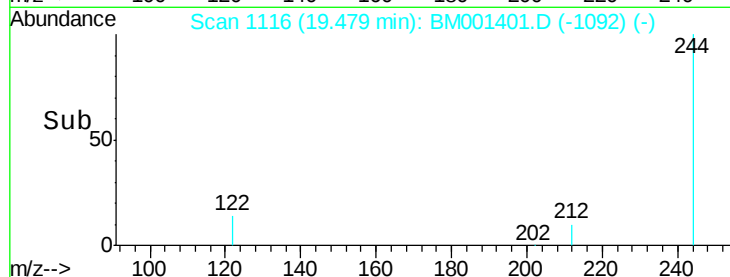
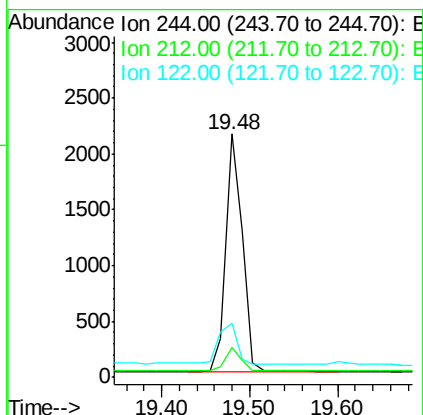
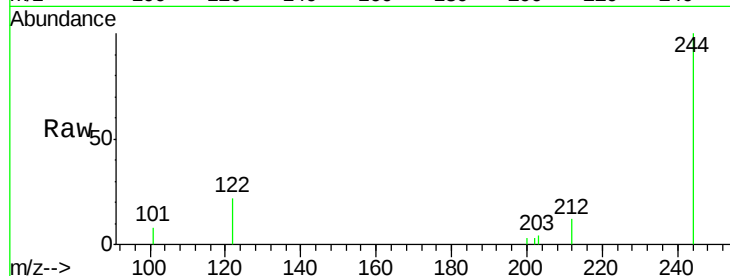
Tgt Ion: 244 Resp: 2769

Ion Ratio Lower Upper

244 100

212 12.4 7.2 10.8#

122 22.2 5.1 7.7#



#30

Bis(2-ethylhexyl)phthalate

Concen: 1.11 ng

RT: 20.96 min Scan# 1231

Delta R.T. -0.02 min

Lab File: BM001401.D

Acq: 23 May 2015 03:26

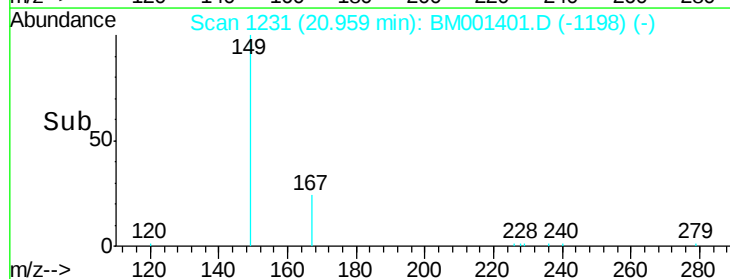
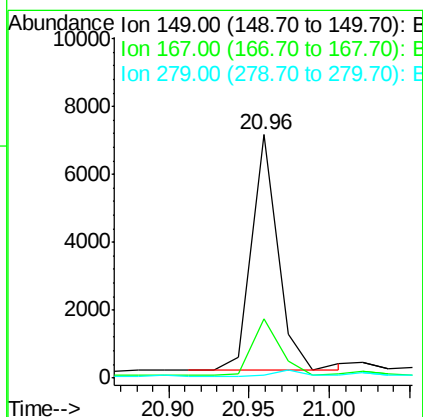
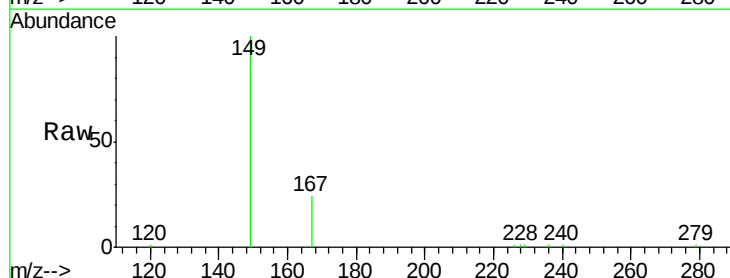
Tgt Ion: 149 Resp: 8024

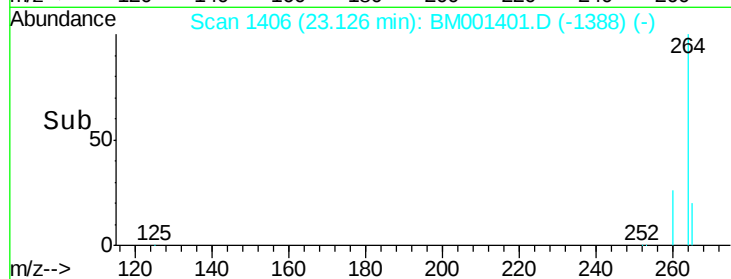
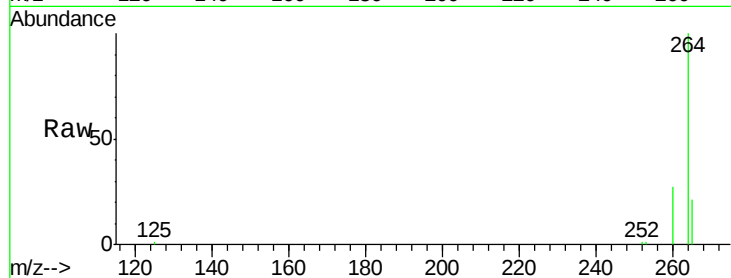
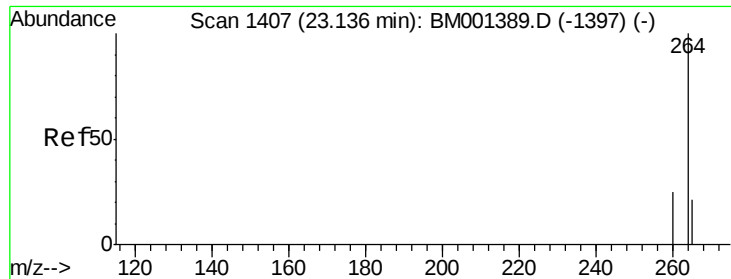
Ion Ratio Lower Upper

149 100

167 25.3 21.0 31.6

279 2.6 2.2 3.2





#32

Perylene-d12

Concen: 5.00 ng

RT: 23.13 min Scan# 1406

Delta R.T. -0.01 min

Lab File: BM001401.D

Acq: 23 May 2015 03:26

Instrument :

BNA_M

ClientSampleId :

KY032MW006-150512

Tgt Ion: 264 Resp: 38734

Ion Ratio Lower Upper

264 100

260 26.5 20.1 30.1

265 21.2 17.1 25.7

