

Data Path : Z:\HPCHEM1\BNA M\DATA\BM052015\
 Data File : BM001362.D
 Acq On : 21 May 2015 15:44
 Operator : TP/IZ
 Sample : G2255-06
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 LF001MW003-150512

Quant Time: May 21 16:32:54 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SIMPAH-BM052015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 21 11:08:14 2015
 Response via : Initial Calibration

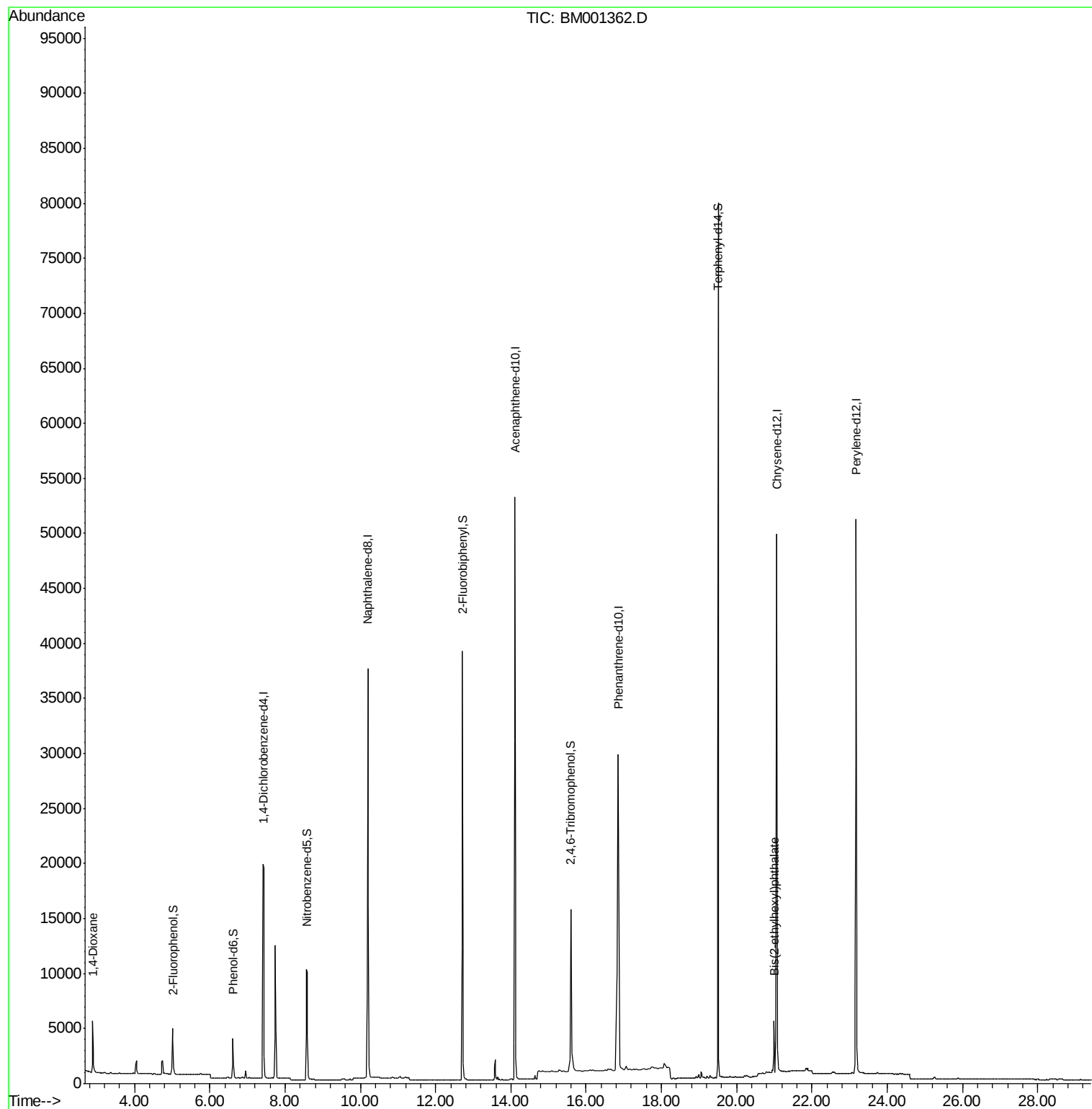
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	12277	5.00	ng	0.00
6) Naphthalene-d8	10.20	136	50461	5.00	ng	0.00
12) Acenaphthene-d10	14.11	164	30753	5.00	ng	0.00
18) Phenanthrene-d10	16.85	188	61893	5.00	ng	0.00
25) Chrysene-d12	21.07	240	65954	5.00	ng	0.00
32) Perylene-d12	23.17	264	61099	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.02	112	3828	1.61	ng	0.00
5) Phenol-d6	6.61	99	3672	1.24	ng	0.00
7) Nitrobenzene-d5	8.59	82	9321	3.42	ng	0.00
13) 2,4,6-Tribromophenol	15.59	330	13519	10.57	ng	0.00
14) 2-Fluorobiphenyl	12.72	172	41881	4.57	ng	0.00
27) Terphenyl-d14	19.50	244	77559	8.94	ng	0.00
Target Compounds						
2) 1,4-Dioxane	2.89	88	3714	3.93	ng	91
30) Bis(2-ethylhexyl)phthalate	20.99	149	5029	0.61	ng	98

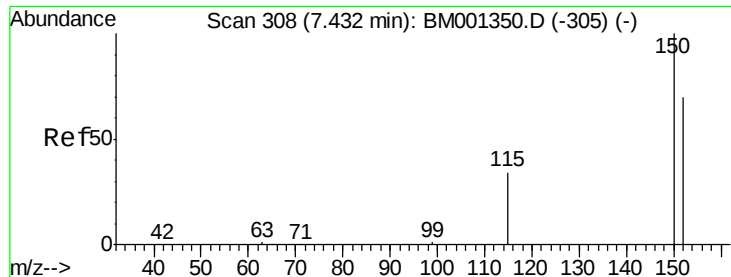
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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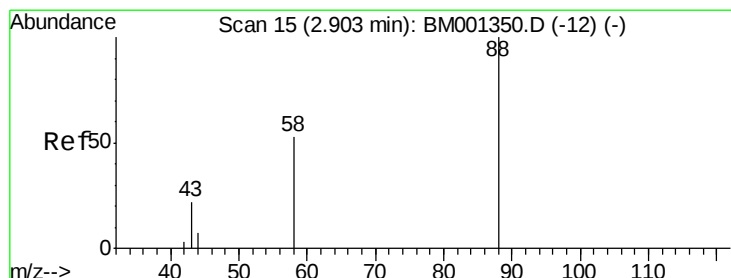
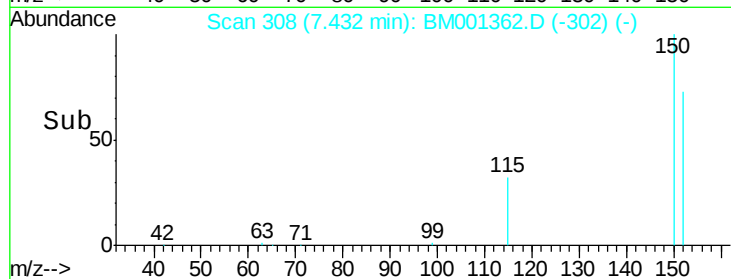
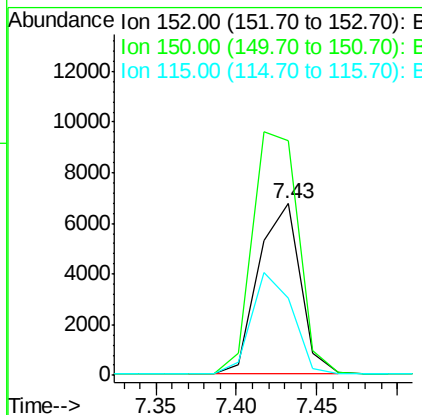
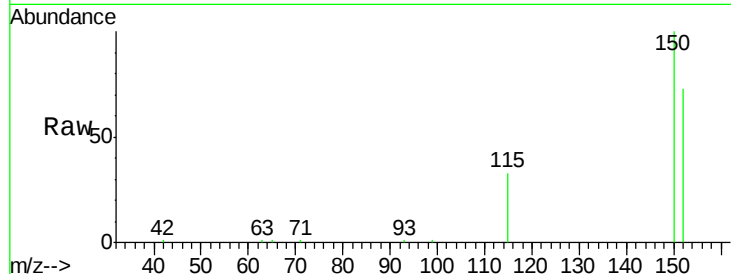


#1

1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.43 min Scan# 308
Delta R.T. 0.00 min
Lab File: BM001362.D
Acq: 21 May 2015 15:44

Instrument :
BNA_M
ClientSampleId :
LF001MW003-150512

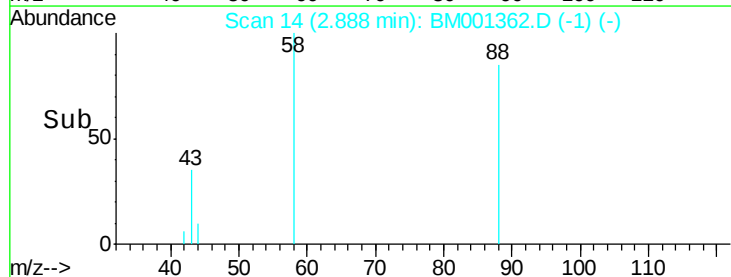
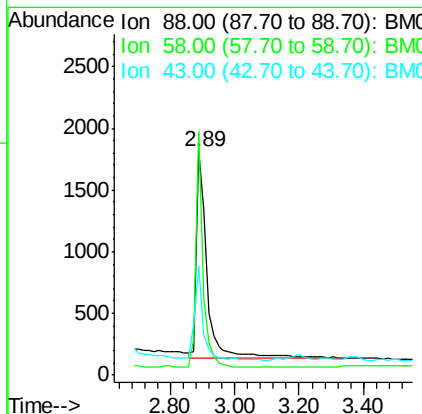
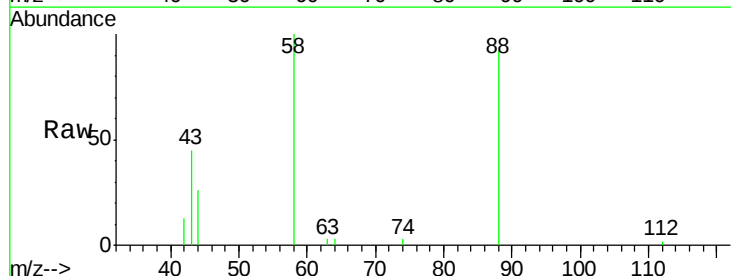
Tot Ion:152 Resp: 12277
Ion Ratio Lower Upper
152 100
150 136.3 114.1 171.1
115 44.9 39.2 58.8

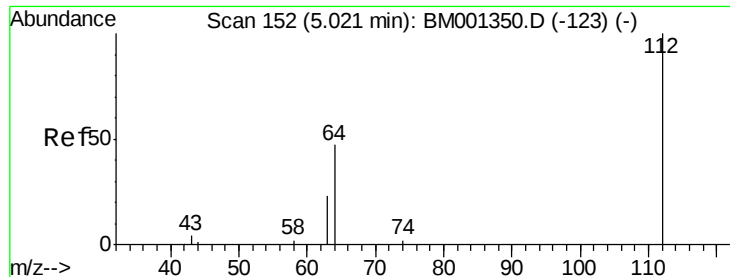


#2

1,4-Dioxane
Concen: 3.93 ng
RT: 2.89 min Scan# 14
Delta R.T. -0.02 min
Lab File: BM001362.D
Acq: 21 May 2015 15:44

Tgt Ion: 88 Resp: 3714
Ion Ratio Lower Upper
88 100
58 76.9 53.1 79.7
43 33.7 27.8 41.8





#4

2-Fluorophenol

Concen: 1.61 ng

RT: 5.02 min Scan# 152

Delta R.T. 0.00 min

Lab File: BM001362.D

Acq: 21 May 2015 15:44

Instrument :

BNA_M

ClientSampleId :

LF001MW003-150512

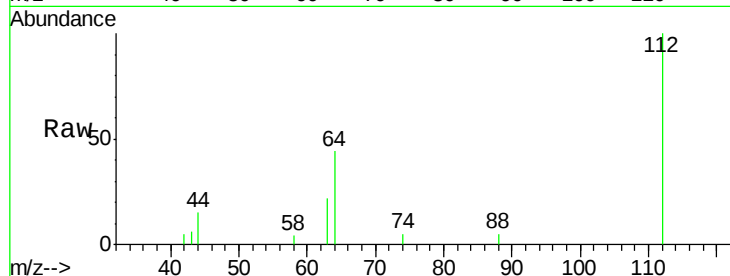
Tot Ion: 112 Resp: 3828

Ion Ratio Lower Upper

112 100

64 66.8 52.9 79.3

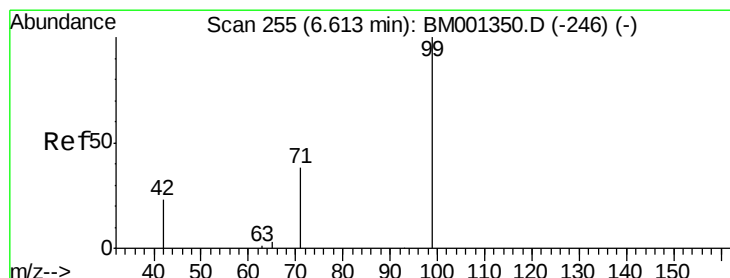
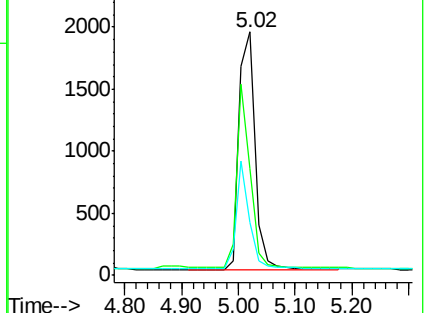
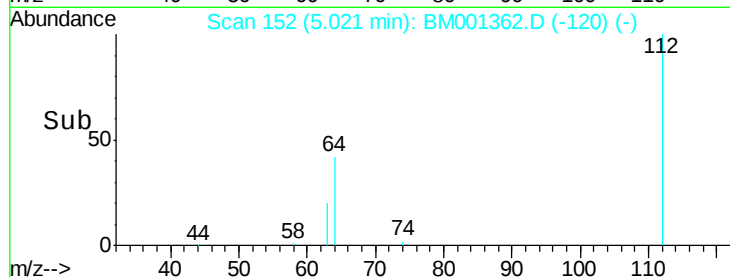
63 37.2 29.6 44.4



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: 1.24 ng

RT: 6.61 min Scan# 255

Delta R.T. 0.00 min

Lab File: BM001362.D

Acq: 21 May 2015 15:44

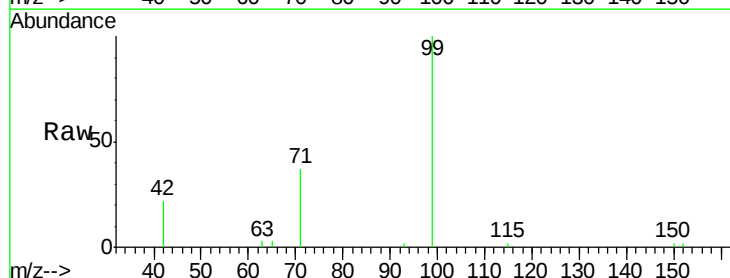
Tgt Ion: 99 Resp: 3672

Ion Ratio Lower Upper

99 100

42 25.5 21.4 32.2

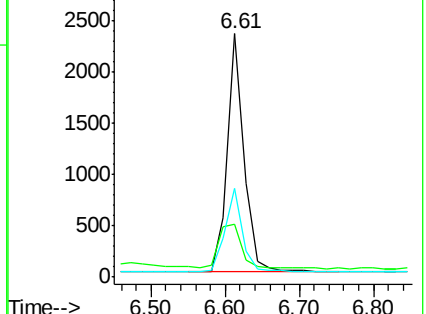
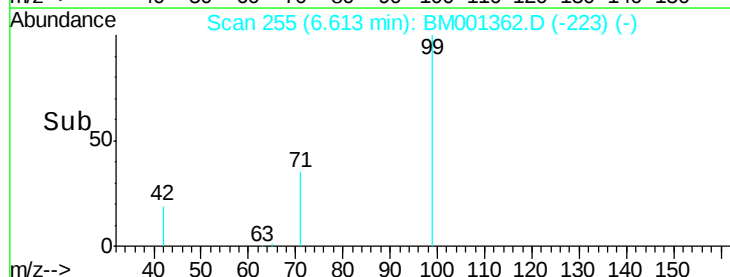
71 36.3 29.0 43.4

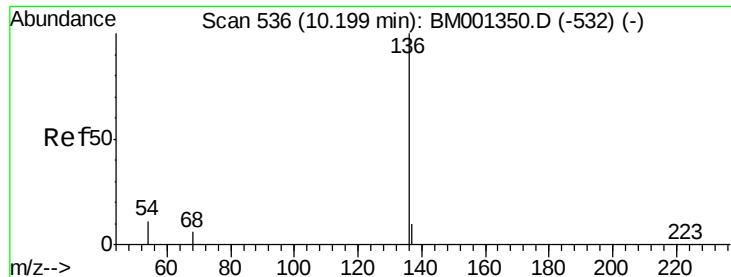


Abundance Ion 99.00 (98.70 to 99.70): B

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: 10.20 min Scan# 536

Delta R.T. 0.00 min

Lab File: BM001362.D

Acq: 21 May 2015 15:44

Instrument :

BNA_M

ClientSampleId :

LF001MW003-150512

Tot Ion:136 Resp: 50461

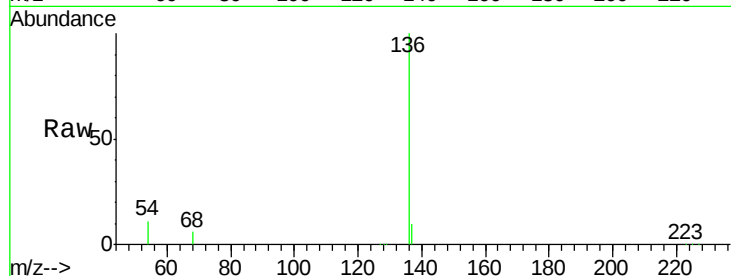
Ion Ratio Lower Upper

136 100

137 10.4 8.2 12.4

54 10.6 9.4 14.0

68 6.2 5.2 7.8

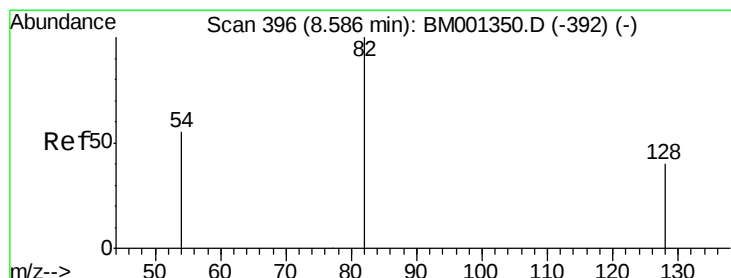
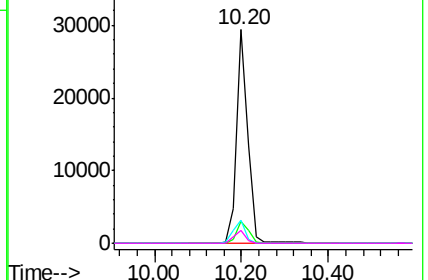
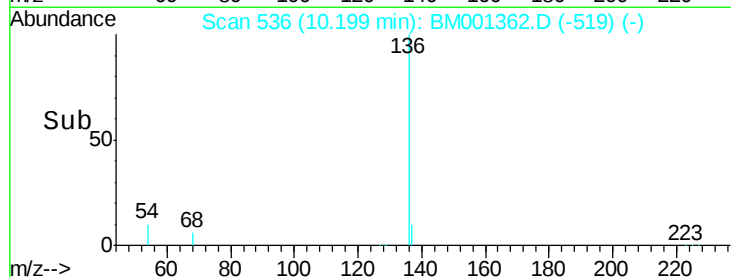


Abundance Ion 136.00 (135.70 to 136.70): E

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



#7

Nitrobenzene-d5

Concen: 3.42 ng

RT: 8.59 min Scan# 396

Delta R.T. 0.00 min

Lab File: BM001362.D

Acq: 21 May 2015 15:44

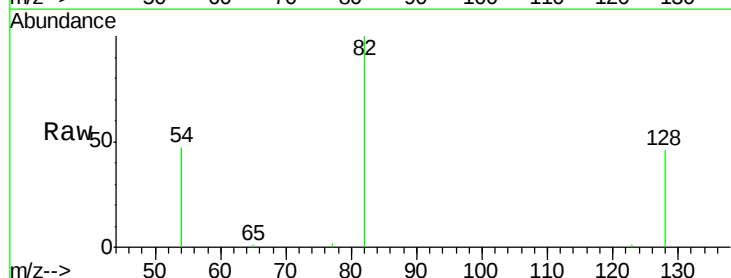
Tgt Ion: 82 Resp: 9321

Ion Ratio Lower Upper

82 100

128 46.4 33.5 50.3

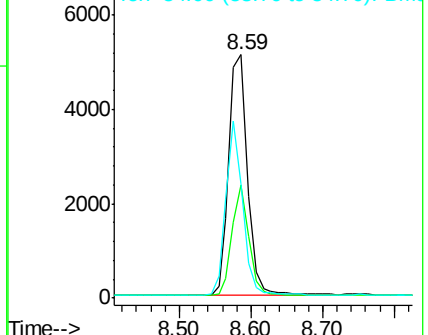
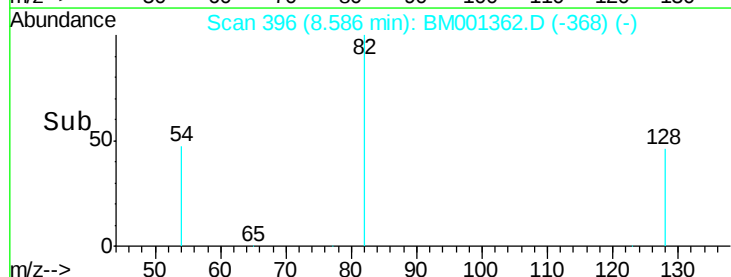
54 47.1 45.1 67.7

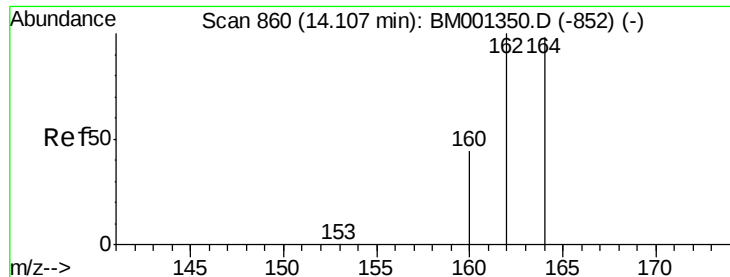


Abundance Ion 82.00 (81.70 to 82.70): BM

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM

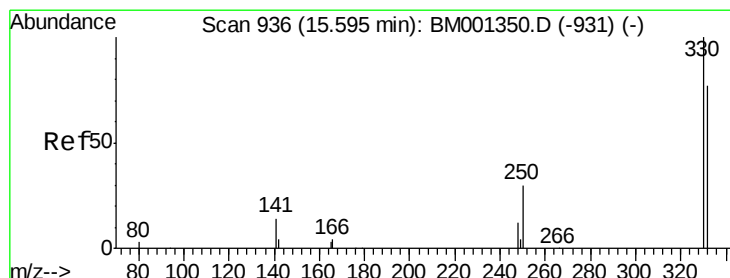
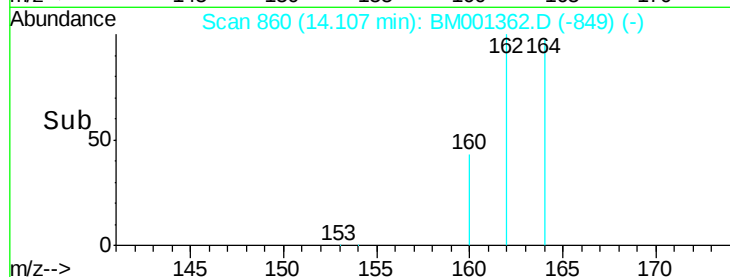
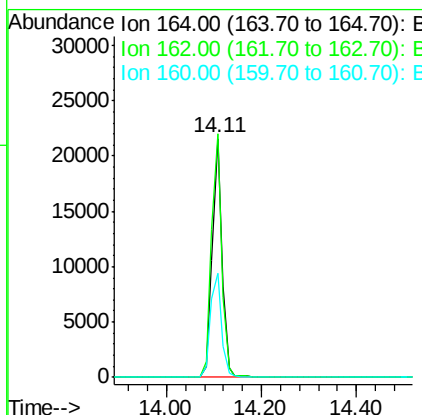
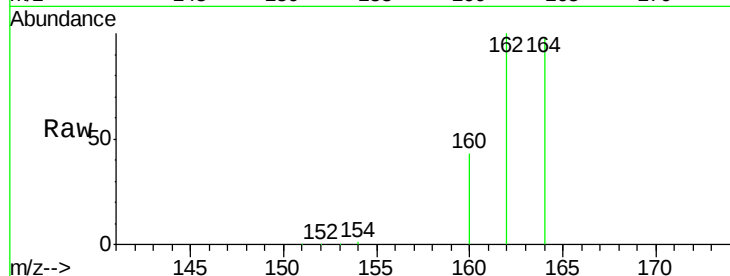




#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.11 min Scan# 860
Delta R.T. 0.00 min
Lab File: BM001362.D
Acq: 21 May 2015 15:44

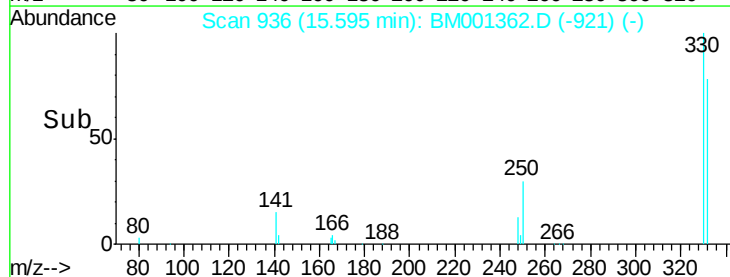
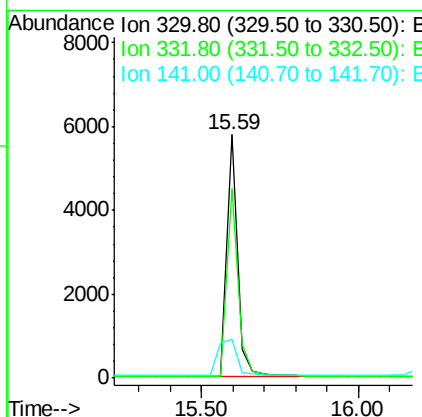
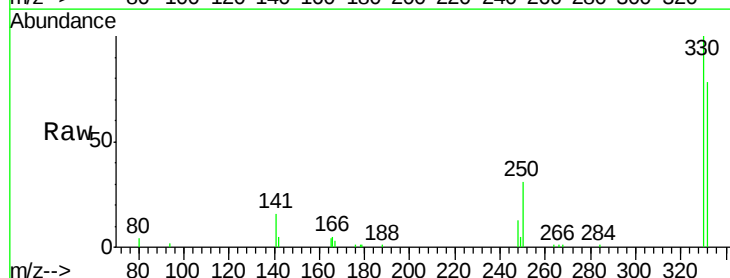
Instrument :
BNA_M
ClientSampleId :
LF001MW003-150512

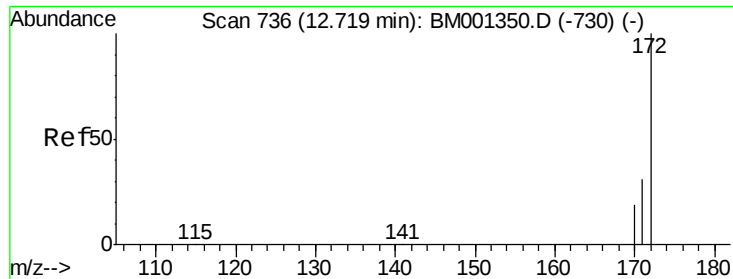
Tot Ion:164 Resp: 30753
Ion Ratio Lower Upper
164 100
162 102.0 81.8 122.8
160 43.7 35.8 53.8



#13
2,4,6-Tribromophenol
Concen: 10.57 ng
RT: 15.59 min Scan# 936
Delta R.T. 0.00 min
Lab File: BM001362.D
Acq: 21 May 2015 15:44

Tgt Ion:330 Resp: 13519
Ion Ratio Lower Upper
330 100
332 82.7 65.4 98.2
141 26.5 20.2 30.4

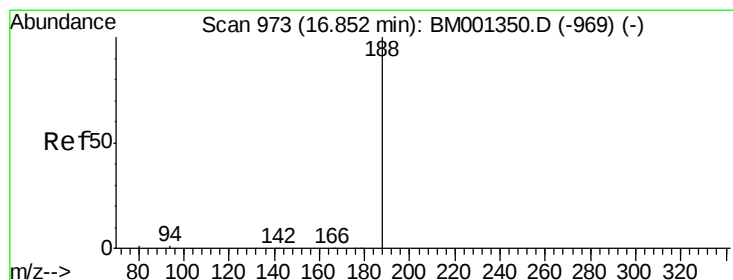
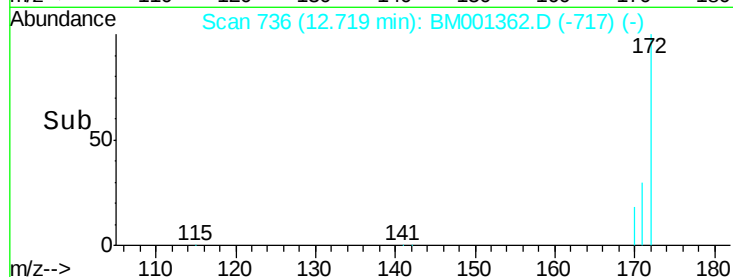
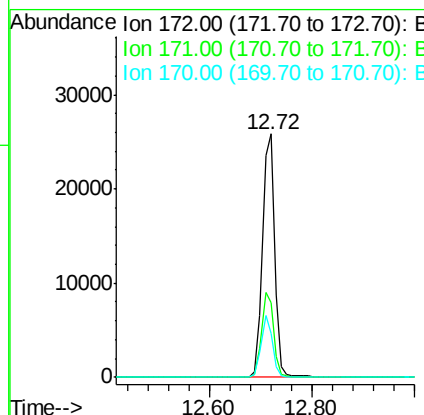
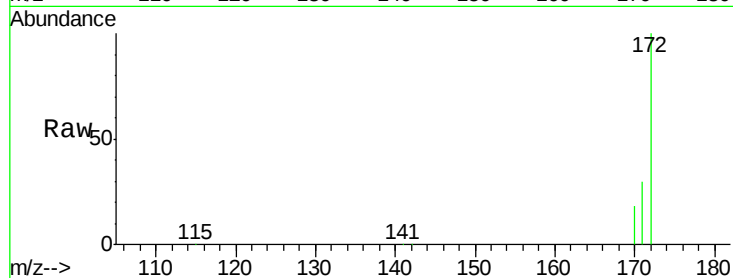




#14
2-Fluorobiphenyl
Concen: 4.57 ng
RT: 12.72 min Scan# 736
Delta R.T. 0.00 min
Lab File: BM001362.D
Acq: 21 May 2015 15:44

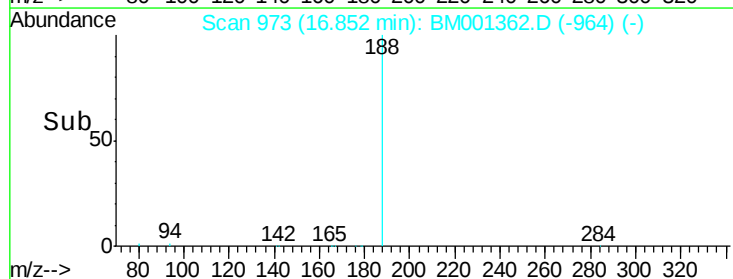
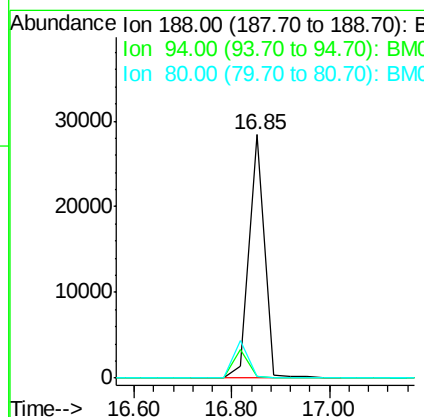
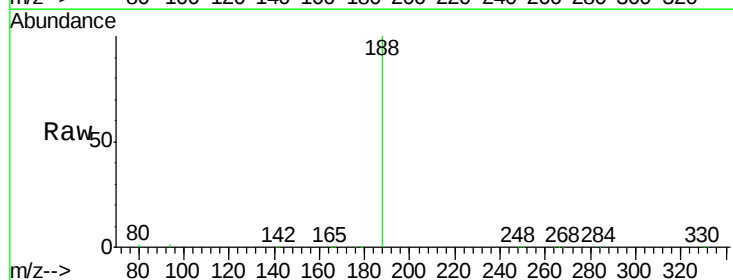
Instrument :
BNA_M
ClientSampleId :
LF001MW003-150512

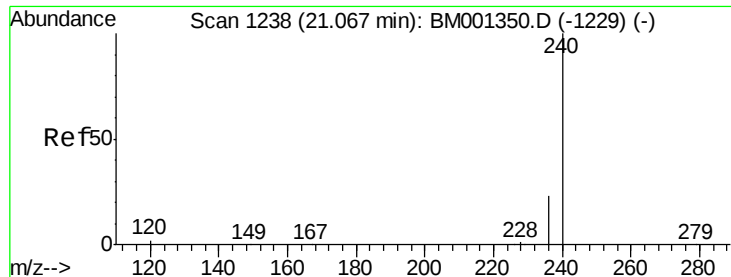
Tot Ion:172 Resp: 41881
Ion Ratio Lower Upper
172 100
171 30.5 25.4 38.2
170 17.9 15.7 23.5



#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.85 min Scan# 973
Delta R.T. 0.00 min
Lab File: BM001362.D
Acq: 21 May 2015 15:44

Tgt Ion:188 Resp: 61893
Ion Ratio Lower Upper
188 100
94 0.9 0.6 1.0
80 0.8 0.6 0.8





#25

Chrysene-d12

Concen: 5.00 ng

RT: 21.07 min Scan# 1238

Delta R.T. 0.00 min

Lab File: BM001362.D

Acq: 21 May 2015 15:44

Instrument :

BNA_M

ClientSampleId :

LF001MW003-150512

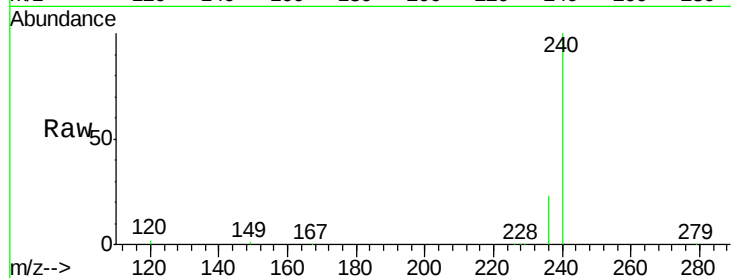
Tot Ion:240 Resp: 65954

Ion Ratio Lower Upper

240 100

120 2.0 1.6 2.4

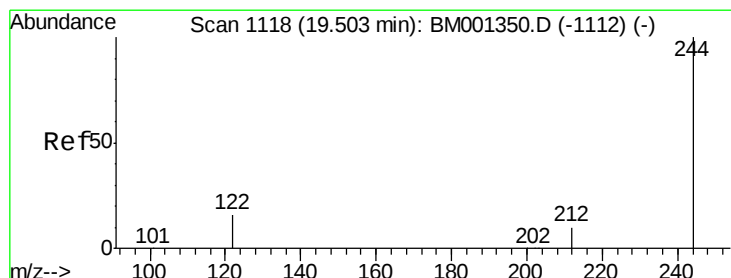
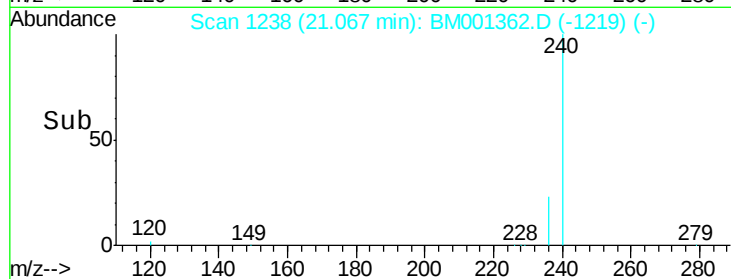
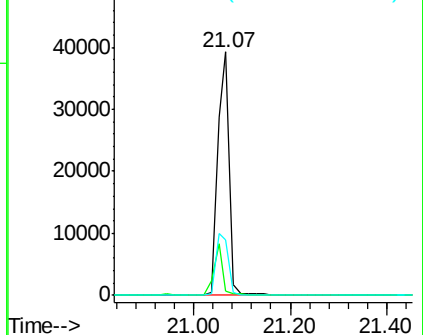
236 23.0 18.5 27.7



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: 8.94 ng

RT: 19.50 min Scan# 1118

Delta R.T. 0.00 min

Lab File: BM001362.D

Acq: 21 May 2015 15:44

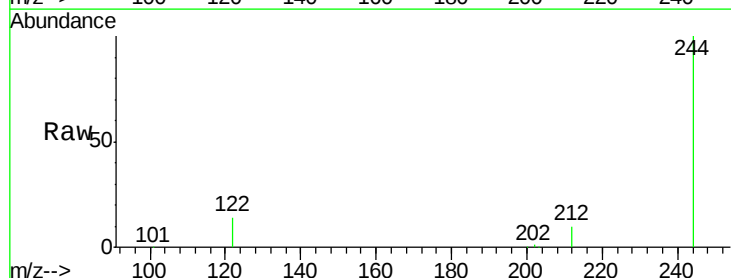
Tgt Ion:244 Resp: 77559

Ion Ratio Lower Upper

244 100

212 10.1 8.5 12.7

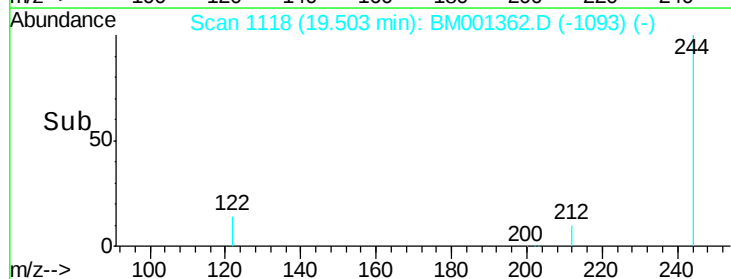
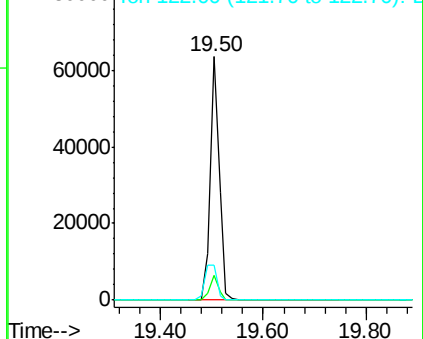
122 14.4 13.4 20.2

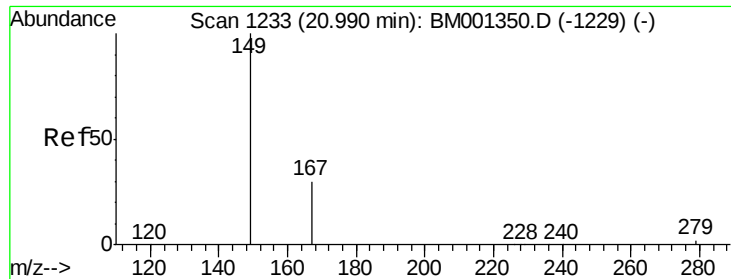


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

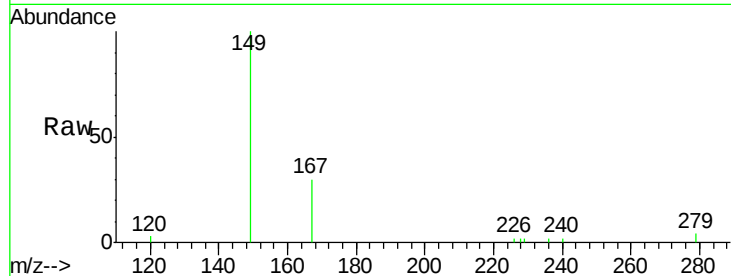




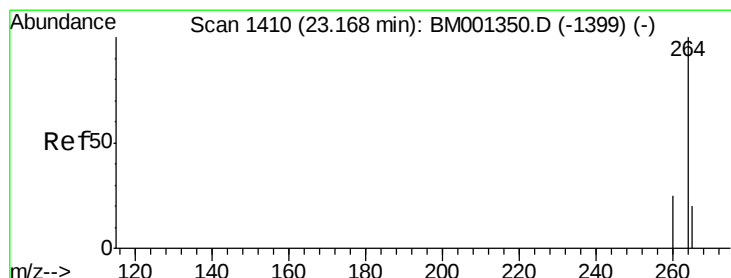
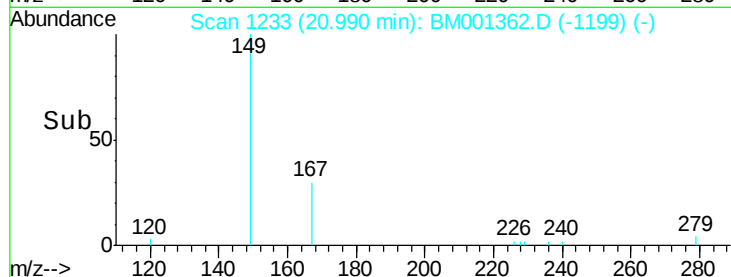
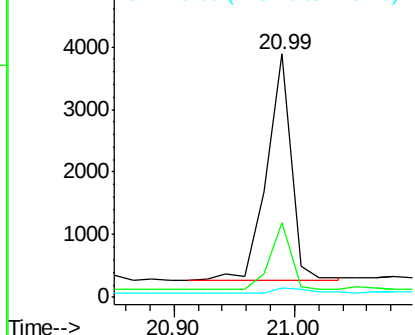
#30
 Bis(2-ethylhexyl)phthalate
 Concen: 0.61 ng
 RT: 20.99 min Scan# 1233
 Delta R.T. 0.00 min
 Lab File: BM001362.D
 Acq: 21 May 2015 15:44

Instrument :
 BNA_M
 ClientSampleId :
 LF001MW003-150512

Tot Ion:149 Resp: 5029
 Ion Ratio Lower Upper
 149 100
 167 26.1 21.6 32.4
 279 2.7 1.9 2.9

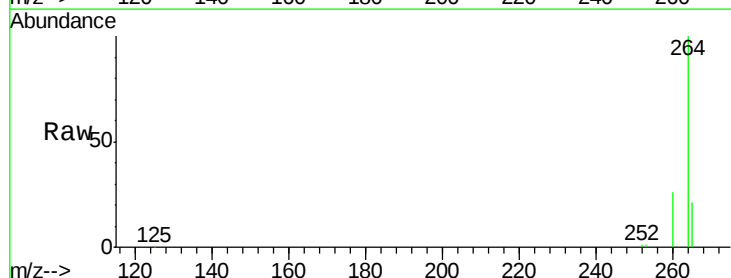


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



#32
 Perylene-d12
 Concen: 5.00 ng
 RT: 23.17 min Scan# 1410
 Delta R.T. 0.00 min
 Lab File: BM001362.D
 Acq: 21 May 2015 15:44

Tgt Ion:264 Resp: 61099
 Ion Ratio Lower Upper
 264 100
 260 25.9 20.4 30.6
 265 21.0 16.6 24.8



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

