

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050415\
 Data File : BM001200.D
 Acq On : 05 May 2015 01:01
 Operator : TP/IZ
 Sample : G2104-07
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MW-102

Quant Time: May 05 04:53:36 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SIMPAH-BM050115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 05 03:49:45 2015
 Response via : Initial Calibration

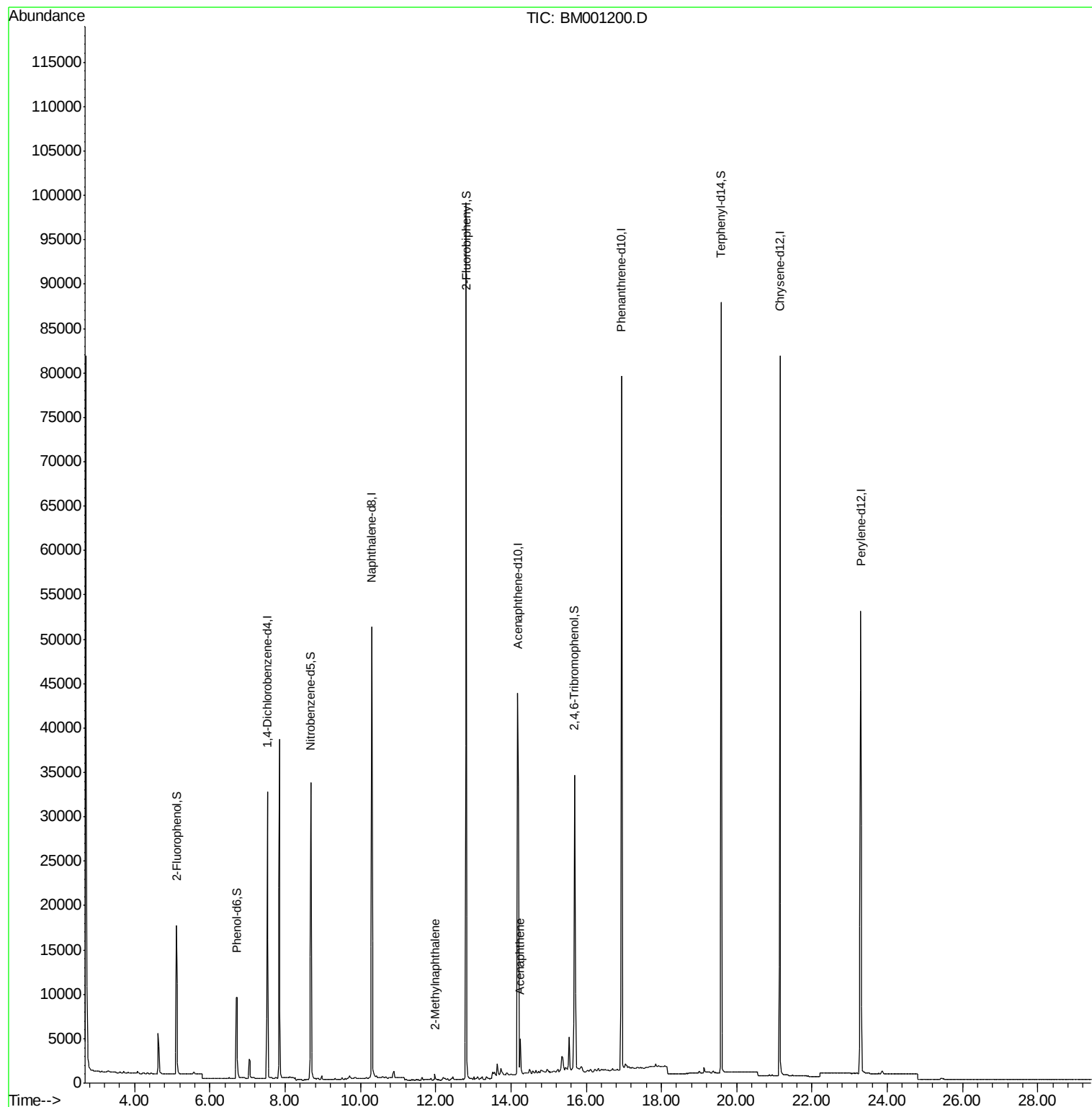
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	16197	5.00	ng	0.00
6) Naphthalene-d8	10.31	136	66914	5.00	ng	0.00
12) Acenaphthene-d10	14.18	164	37154	5.00	ng	-0.02
18) Phenanthrene-d10	16.94	188	96489	5.00	ng	0.00
24) Chrysene-d12	21.15	240	80608	5.00	ng	0.00
30) Perylene-d12	23.29	264	65615	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.11	112	14137	4.49	ng	0.00
5) Phenol-d6	6.72	99	12161	3.13	ng	0.02
7) Nitrobenzene-d5	8.69	82	30606	8.07	ng	0.00
13) 2,4,6-Tribromophenol	15.69	330	25421	13.89	ng	0.00
14) 2-Fluorobiphenyl	12.80	172	95607	7.78	ng	0.00
26) Terphenyl-d14	19.58	244	97046	8.73	ng	-0.01
Target Compounds						
11) 2-Methylnaphthalene	11.98	142	485	0.05	ng	Qvalue # 74
16) Acenaphthene	14.24	154	2277	0.20	ng	95

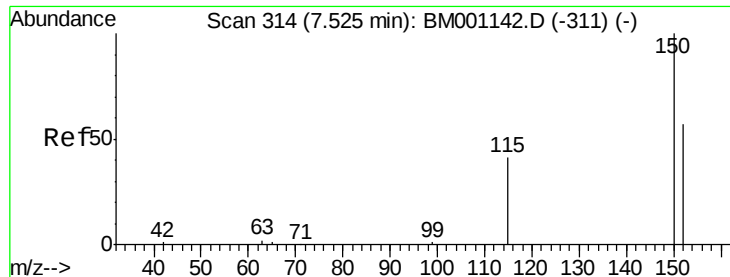
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.52 min Scan# 314

Delta R.T. -0.00 min

Lab File: BM001200.D

Acq: 05 May 2015 01:01

Instrument :

BNA_M

ClientSampleId :

MW-102

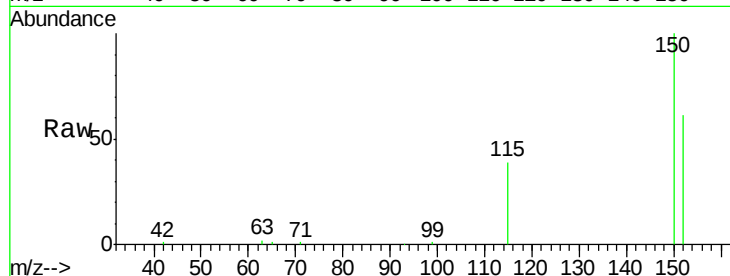
Tgt Ion:152 Resp: 16197

Ion Ratio Lower Upper

152 100

150 164.4 140.1 210.1

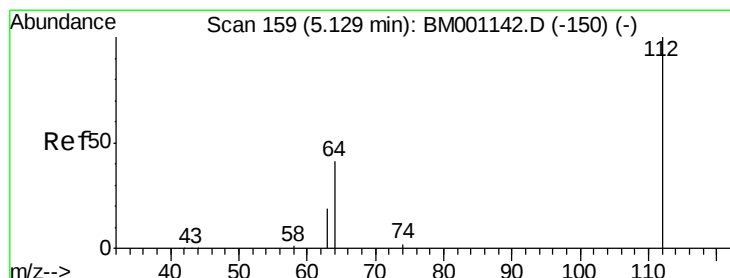
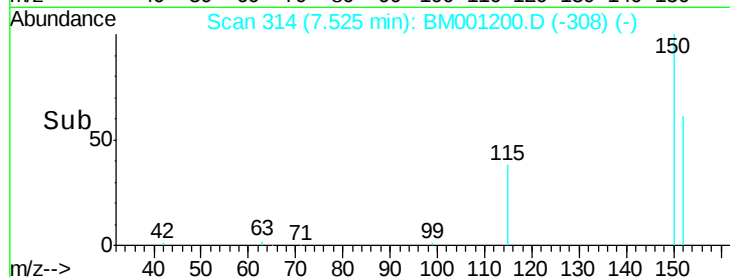
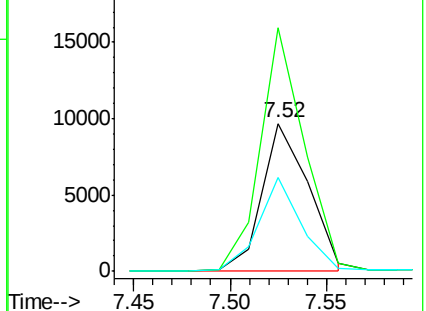
115 63.6 57.8 86.6



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



#4

2-Fluorophenol

Concen: 4.49 ng

RT: 5.11 min Scan# 158

Delta R.T. -0.00 min

Lab File: BM001200.D

Acq: 05 May 2015 01:01

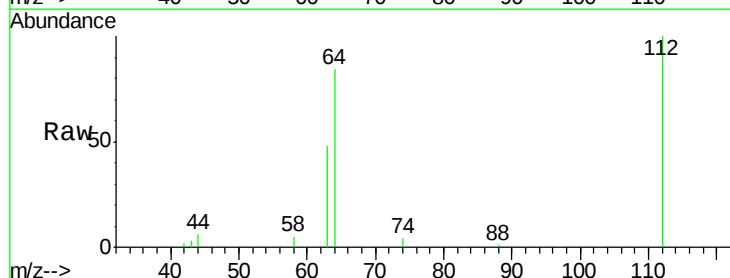
Tgt Ion:112 Resp: 14137

Ion Ratio Lower Upper

112 100

64 64.1 52.6 79.0

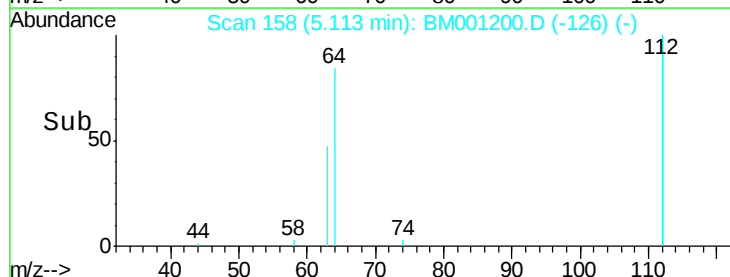
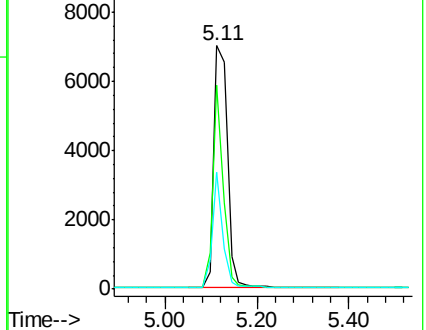
63 35.7 29.5 44.3

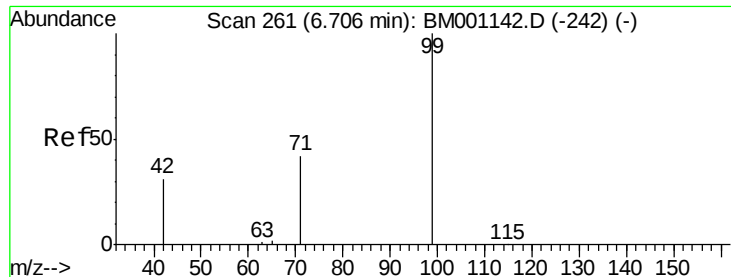


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0





#5

Phenol-d6

Concen: 3.13 ng

RT: 6.72 min Scan# 262

Delta R.T. 0.02 min

Lab File: BM001200.D

Acq: 05 May 2015 01:01

Instrument :

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ClientSampleId :

MW-102

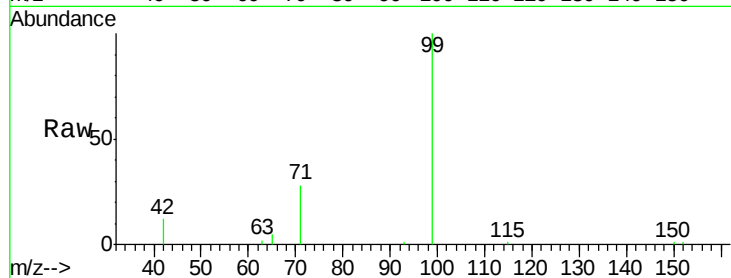
Tgt Ion: 99 Resp: 12161

Ion Ratio Lower Upper

99 100

42 23.7 20.9 31.3

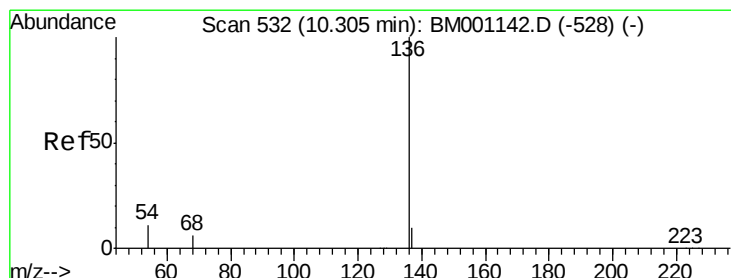
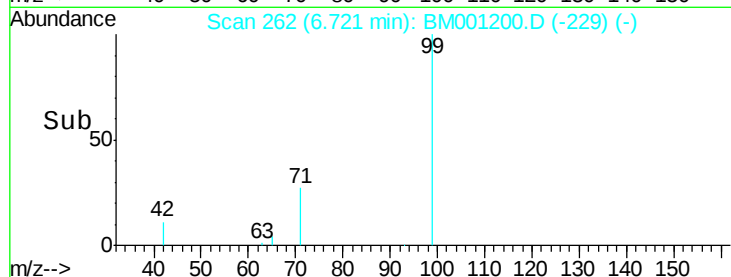
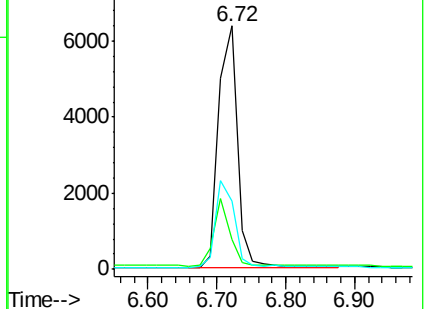
71 35.4 28.5 42.7



Abundance Ion 99.00 (98.70 to 99.70): BM001142.D (-242) (-)

Ion 42.00 (41.70 to 42.70): BM001142.D (-242) (-)

Ion 71.00 (70.70 to 71.70): BM001142.D (-242) (-)



#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.31 min Scan# 532

Delta R.T. -0.00 min

Lab File: BM001200.D

Acq: 05 May 2015 01:01

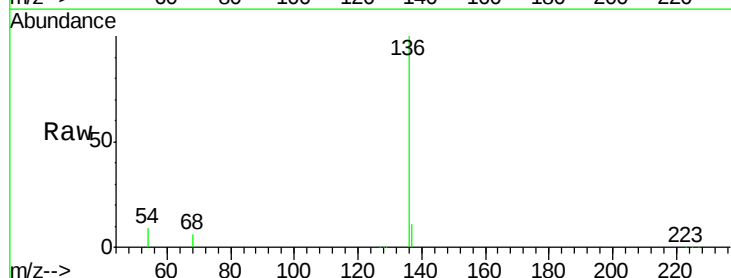
Tgt Ion: 136 Resp: 66914

Ion Ratio Lower Upper

136 100

137 10.6 8.2 12.4

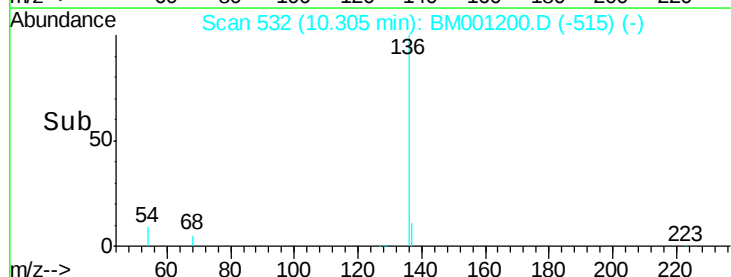
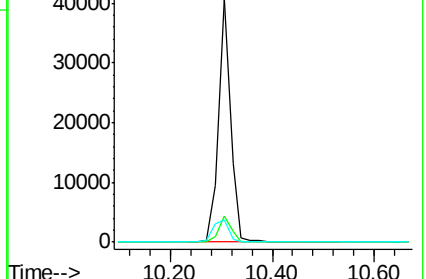
54 8.9 9.0 13.4#

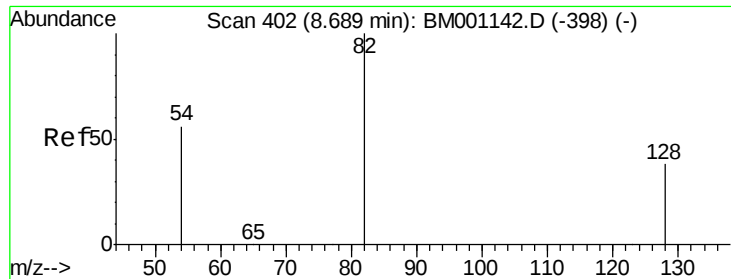


Abundance Ion 136.00 (135.70 to 136.70): BM001142.D (-528) (-)

Ion 137.00 (136.70 to 137.70): BM001142.D (-528) (-)

Ion 54.00 (53.70 to 54.70): BM001142.D (-528) (-)





#7

Nitrobenzene-d5

Concen: 8.07 ng

RT: 8.69 min Scan# 402

Delta R.T. -0.00 min

Lab File: BM001200.D

Acq: 05 May 2015 01:01

Instrument :

BNA_M

ClientSampleId :

MW-102

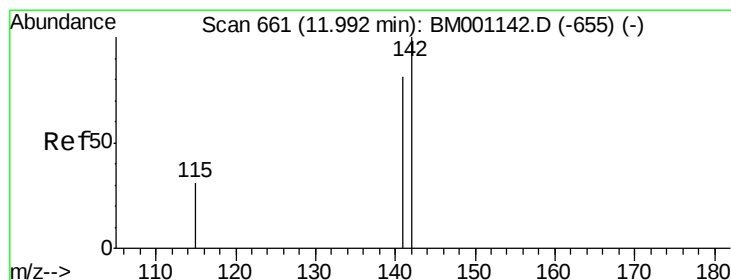
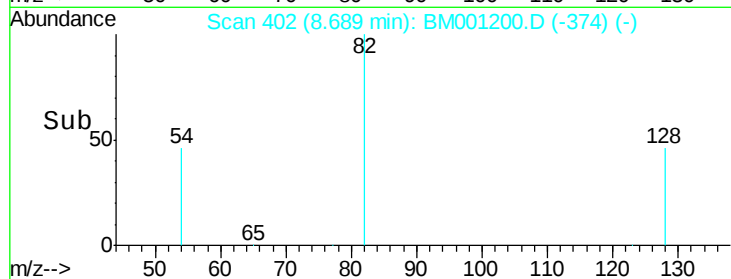
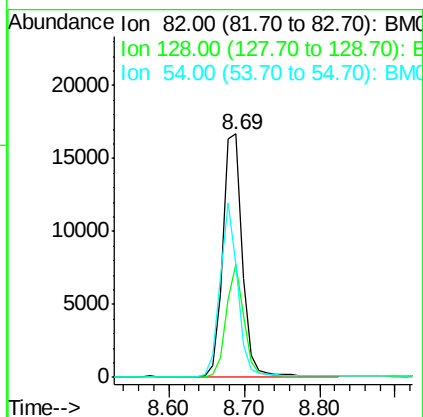
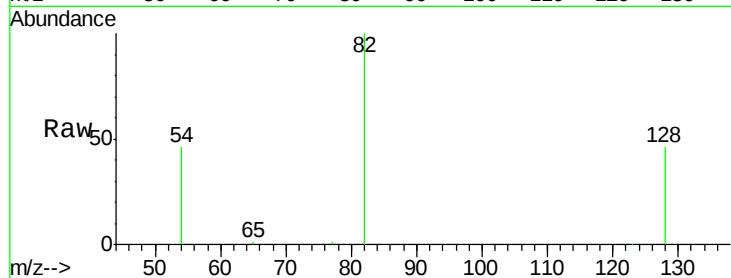
Tgt Ion: 82 Resp: 30606

Ion Ratio Lower Upper

82 100

128 46.3 31.9 47.9

54 46.2 46.2 69.2



#11

2-Methylnaphthalene

Concen: 0.05 ng

RT: 11.98 min Scan# 660

Delta R.T. -0.00 min

Lab File: BM001200.D

Acq: 05 May 2015 01:01

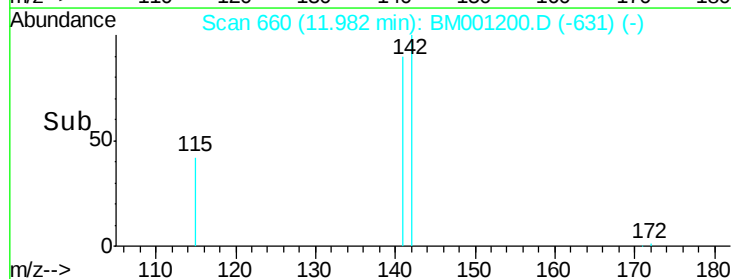
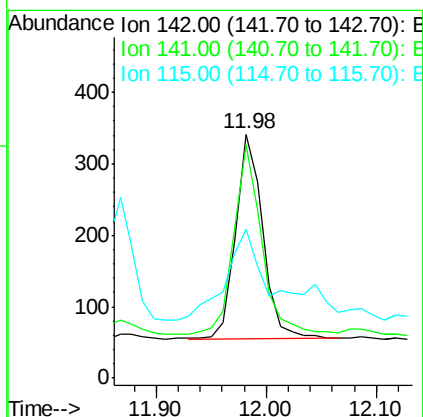
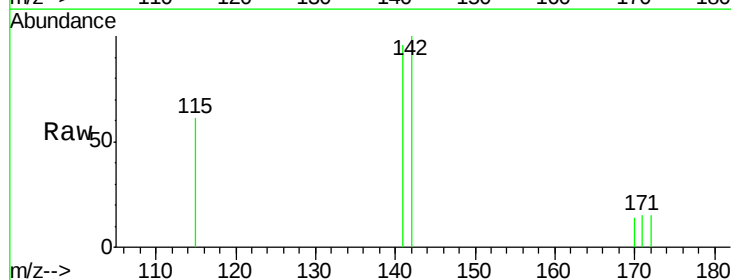
Tgt Ion: 142 Resp: 485

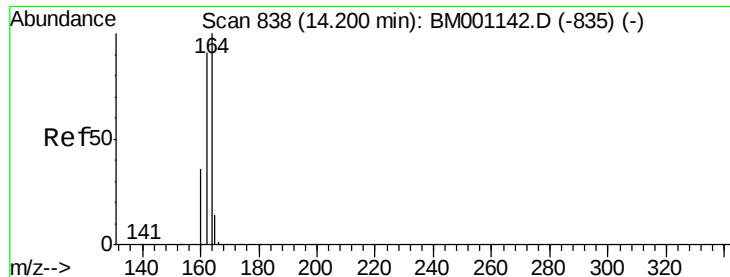
Ion Ratio Lower Upper

142 100

141 95.6 65.1 97.7

115 61.0 25.1 37.7#





#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.18 min Scan# 837

Delta R.T. -0.02 min

Lab File: BM001200.D

Acq: 05 May 2015 01:01

Instrument :

BNA_M

ClientSampleId :

MW-102

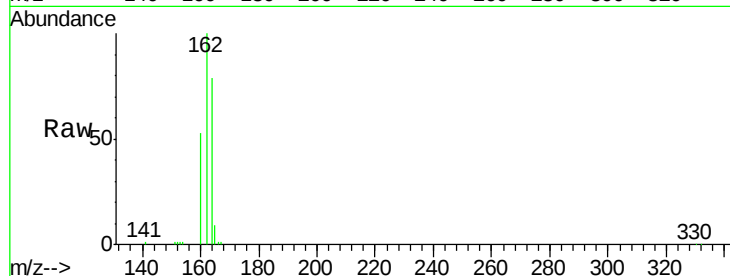
Tgt Ion:164 Resp: 37154

Ion Ratio Lower Upper

164 100

162 126.0 72.7 109.1#

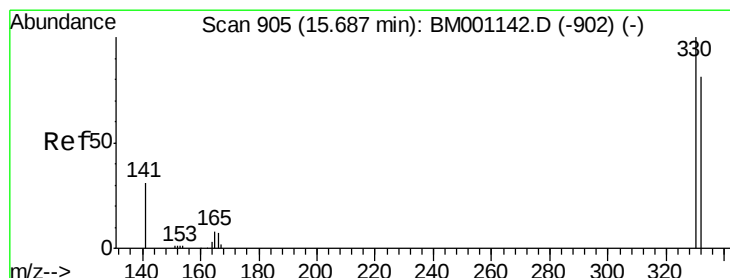
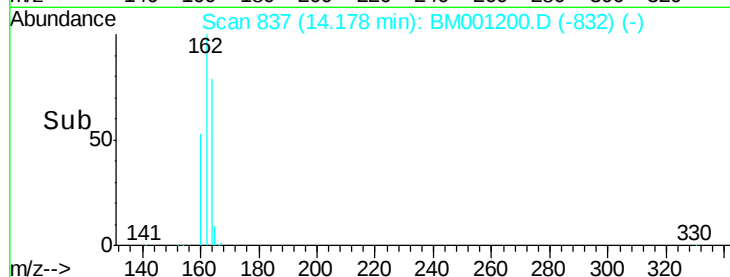
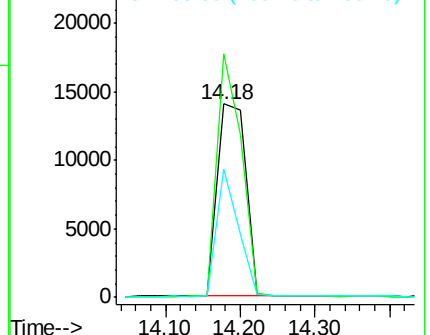
160 66.6 28.7 43.1#



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



#13

2,4,6-Tribromophenol

Concen: 13.89 ng

RT: 15.69 min Scan# 905

Delta R.T. -0.00 min

Lab File: BM001200.D

Acq: 05 May 2015 01:01

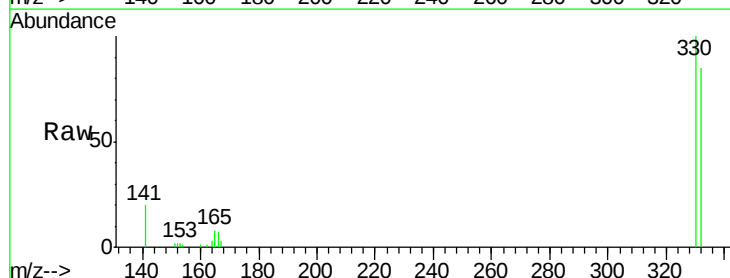
Tgt Ion:330 Resp: 25421

Ion Ratio Lower Upper

330 100

332 93.7 74.5 111.7

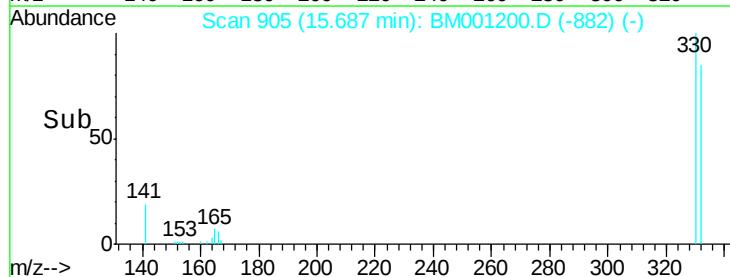
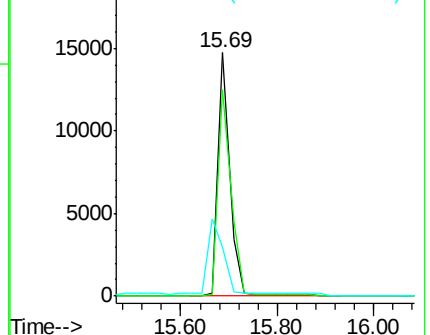
141 0.0 21.0 31.4#

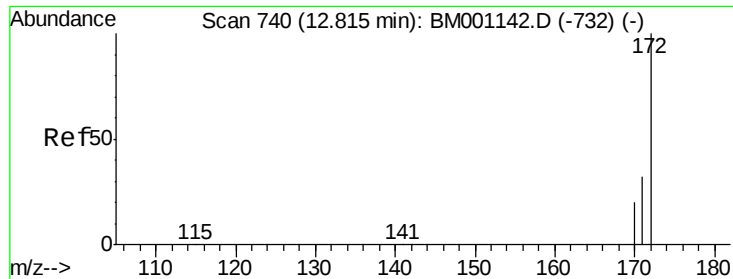


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

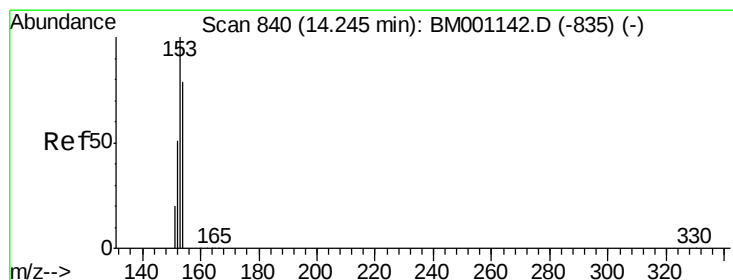
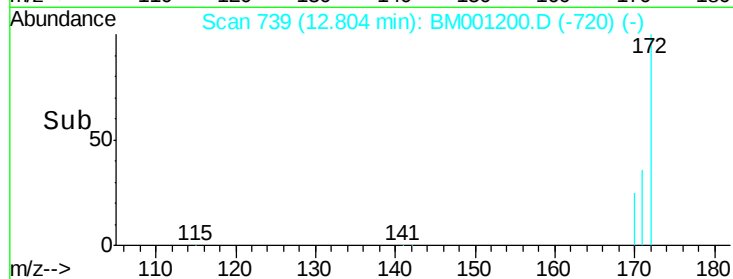
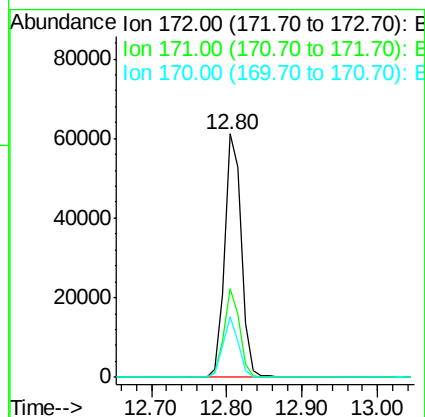
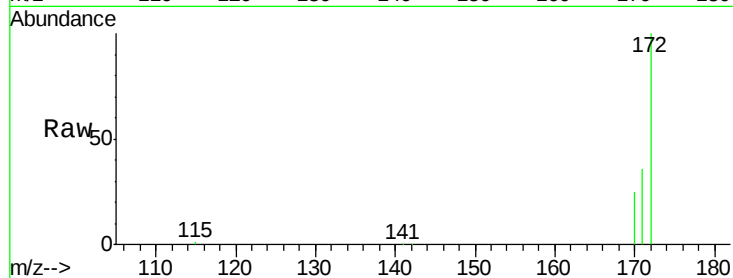




#14
2-Fluorobiphenyl
Concen: 7.78 ng
RT: 12.80 min Scan# 739
Delta R.T. -0.00 min
Lab File: BM001200.D
Acq: 05 May 2015 01:01

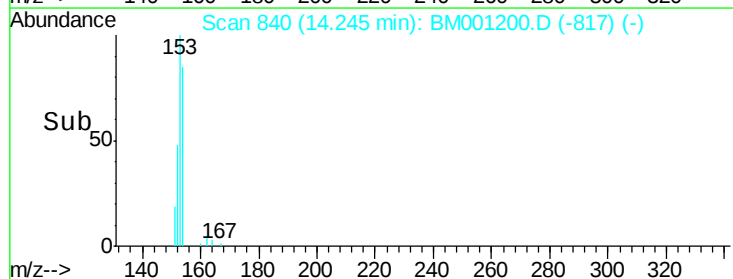
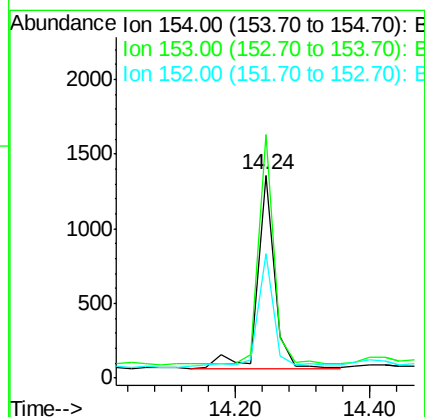
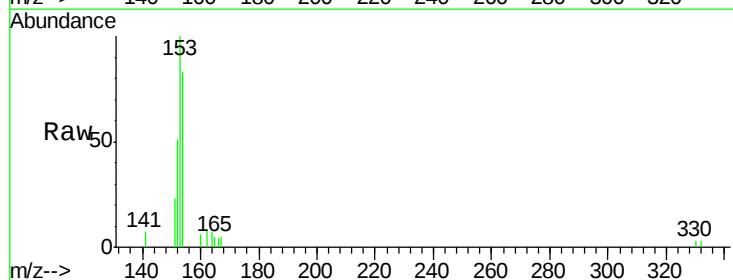
Instrument :
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MW-102

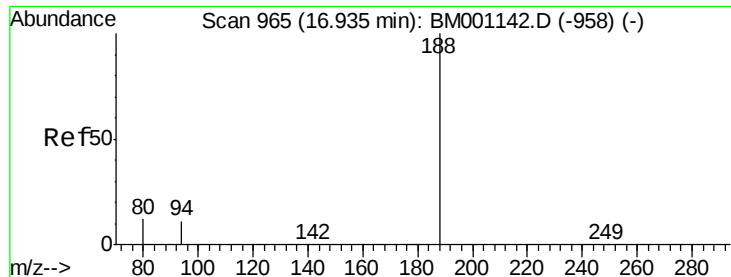
Tgt Ion:172 Resp: 95607
Ion Ratio Lower Upper
172 100
171 36.3 25.8 38.6
170 24.9 16.1 24.1#



#16
Acenaphthene
Concen: 0.20 ng
RT: 14.24 min Scan# 840
Delta R.T. -0.00 min
Lab File: BM001200.D
Acq: 05 May 2015 01:01

Tgt Ion:154 Resp: 2277
Ion Ratio Lower Upper
154 100
153 106.9 90.6 136.0
152 59.5 45.0 67.4

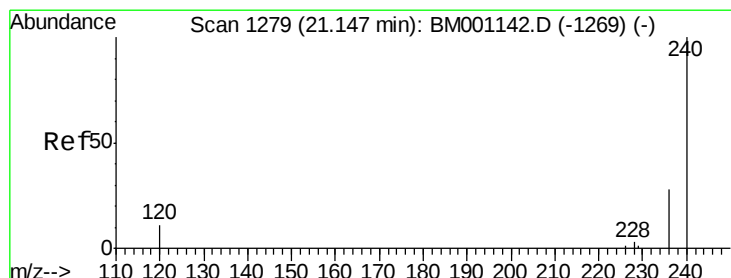
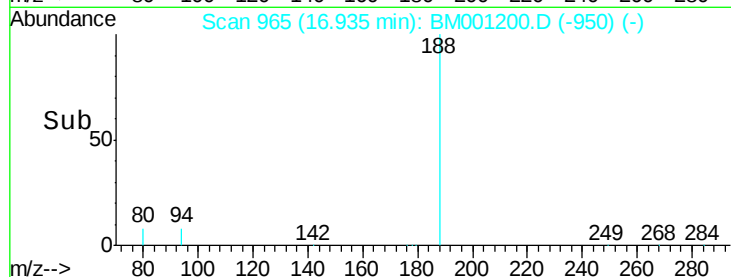
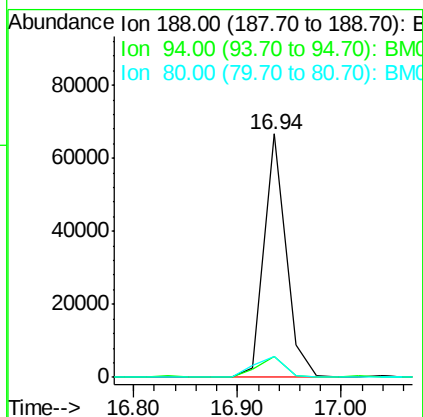
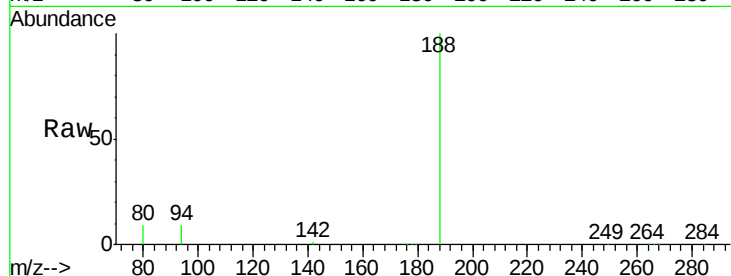




#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.94 min Scan# 965
Delta R.T. -0.00 min
Lab File: BM001200.D
Acq: 05 May 2015 01:01

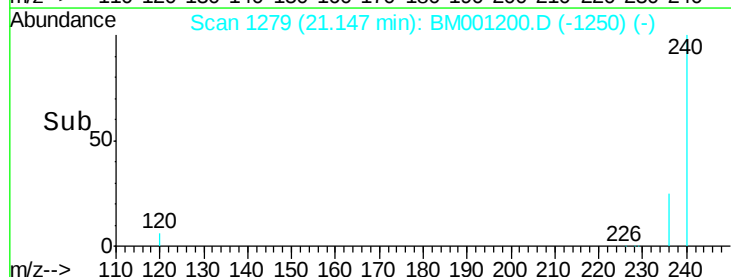
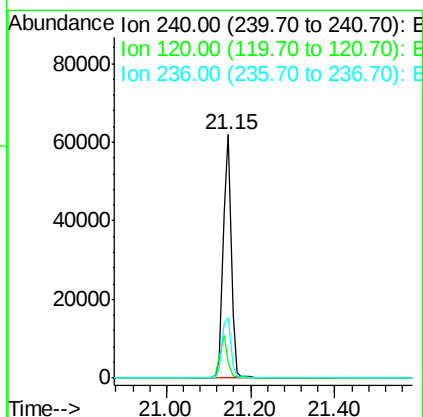
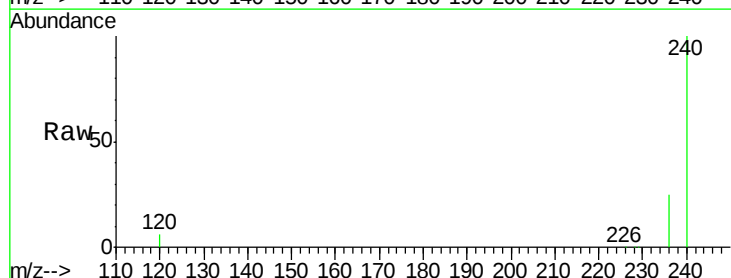
Instrument :
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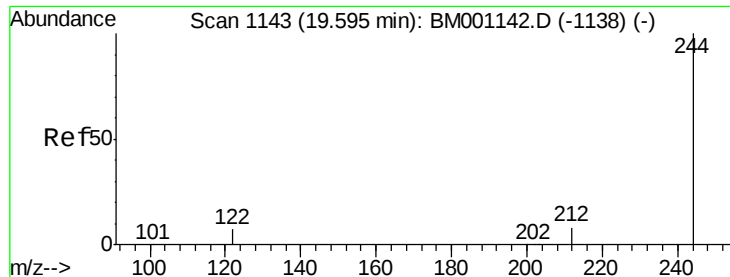
Tgt Ion:188 Resp: 96489
Ion Ratio Lower Upper
188 100
94 8.8 9.3 13.9#
80 8.8 9.8 14.6#



#24
Chrysene-d12
Concen: 5.00 ng
RT: 21.15 min Scan# 1279
Delta R.T. -0.00 min
Lab File: BM001200.D
Acq: 05 May 2015 01:01

Tgt Ion:240 Resp: 80608
Ion Ratio Lower Upper
240 100
120 6.4 9.2 13.8#
236 25.0 22.4 33.6

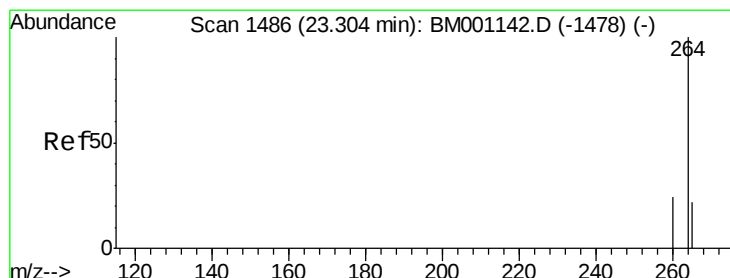
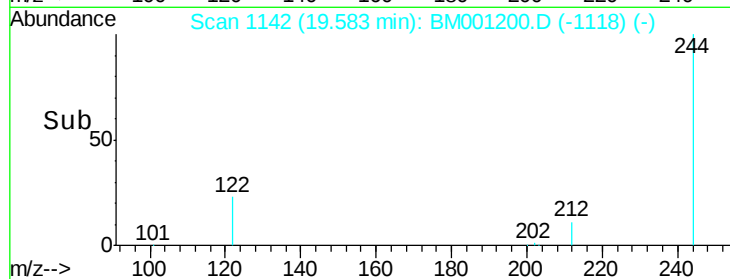
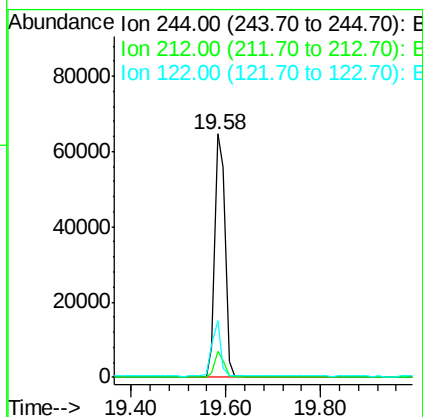
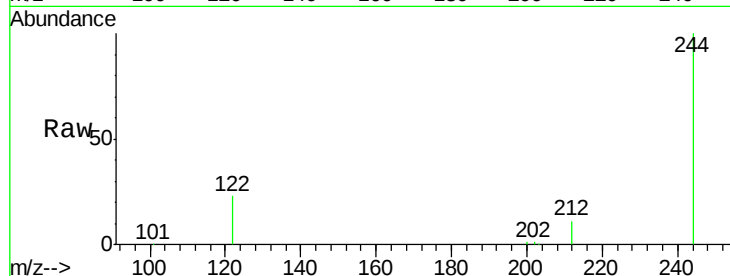




#26
 Terphenyl-d14
 Concen: 8.73 ng
 RT: 19.58 min Scan# 1142
 Delta R.T. -0.01 min
 Lab File: BM001200.D
 Acq: 05 May 2015 01:01

Instrument :
 BNA_M
 ClientSampleId :
 MW-102

Tgt Ion:244 Resp: 97046
 Ion Ratio Lower Upper
 244 100
 212 10.7 7.1 10.7#
 122 23.1 6.2 9.4#



#30
 Perylene-d12
 Concen: 5.00 ng
 RT: 23.29 min Scan# 1485
 Delta R.T. -0.00 min
 Lab File: BM001200.D
 Acq: 05 May 2015 01:01

Tgt Ion:264 Resp: 65615
 Ion Ratio Lower Upper
 264 100
 260 24.3 18.9 28.3
 265 22.4 18.1 27.1

