

Data Path : Z:\HPCHEM1\BNA_M\Data\BM051615\
 Data File : BM001295.D
 Acq On : 14 May 2015 17:12
 Operator : TP/IZ
 Sample : G2210-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 050715-P17-E-D-B

Quant Time: May 18 15:38:48 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SIMPAH-BM051315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 15 05:14:53 2015
 Response via : Initial Calibration

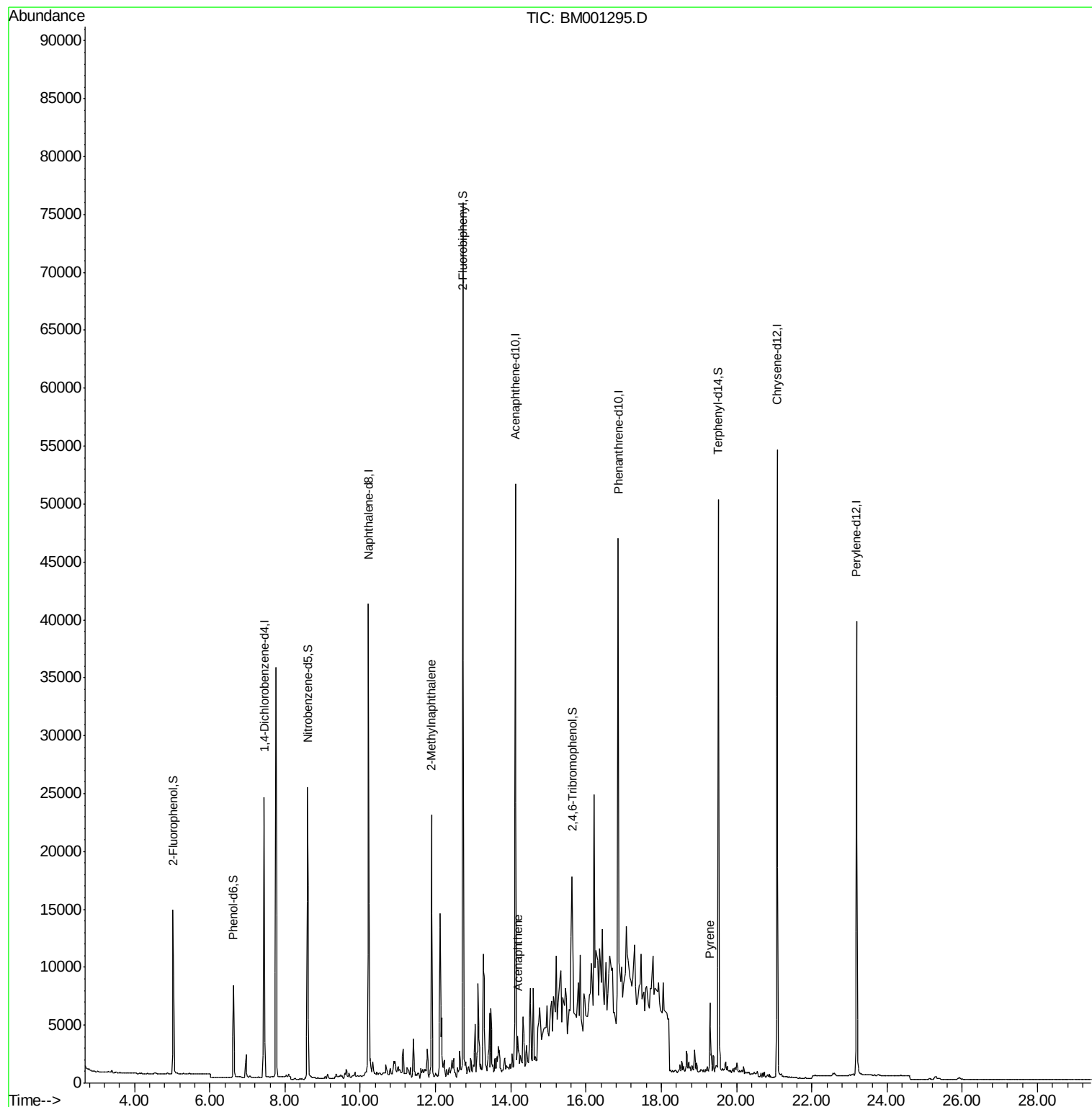
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	14745	5.00	ng	0.00
6) Naphthalene-d8	10.22	136	52327	5.00	ng	0.00
12) Acenaphthene-d10	14.12	164	27794	5.00	ng	0.00
18) Phenanthrene-d10	16.85	188	68245	5.00	ng	0.00
24) Chrysene-d12	21.08	240	49786	5.00	ng	0.00
30) Perylene-d12	23.19	264	49171	5.00	ng	0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.02	112	11727	4.08	ng	-0.02
5) Phenol-d6	6.63	99	8293	2.56	ng	0.00
7) Nitrobenzene-d5	8.60	82	21039	6.34	ng	0.00
13) 2,4,6-Tribromophenol	15.63	330	9347	9.80	ng	0.00
14) 2-Fluorobiphenyl	12.73	172	68447	7.93	ng	0.00
26) Terphenyl-d14	19.51	244	55309	8.27	ng	0.00
Target Compounds						
11) 2-Methylnaphthalene	11.90	142	15941	2.20	ng	Qvalue 96
16) Acenaphthene	14.18	154	1444	0.20	ng	# 67
25) Pyrene	19.30	202	6532	0.42	ng	# 83

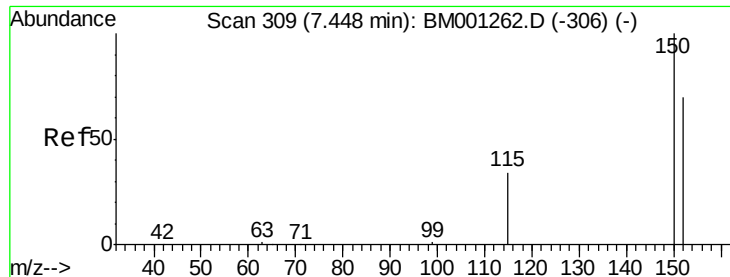
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_M\Data\BM051615\
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BNA_M
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Quant Time: May 18 15:38:48 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SIMPAH-BM051315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.45 min Scan# 309

Delta R.T. 0.00 min

Lab File: BM001295.D

Acq: 14 May 2015 17:12

Instrument :

BNA_M

ClientSampleId :

050715-P17-E-D-B

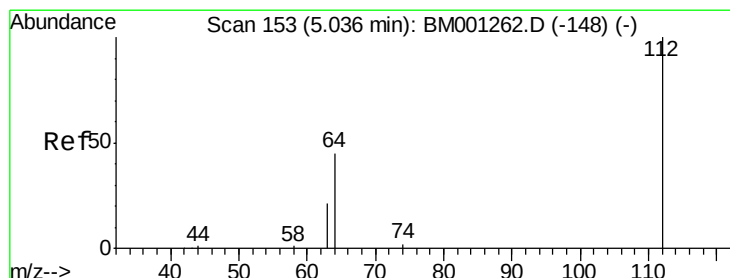
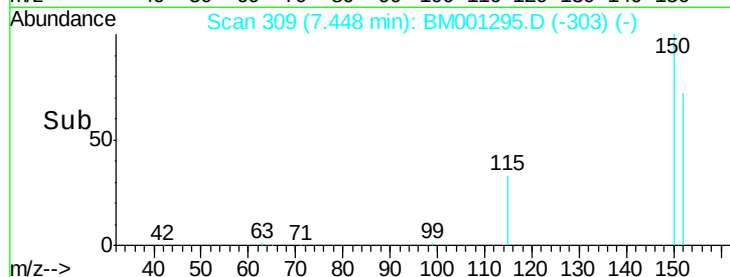
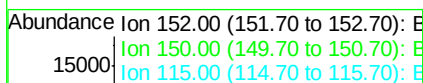
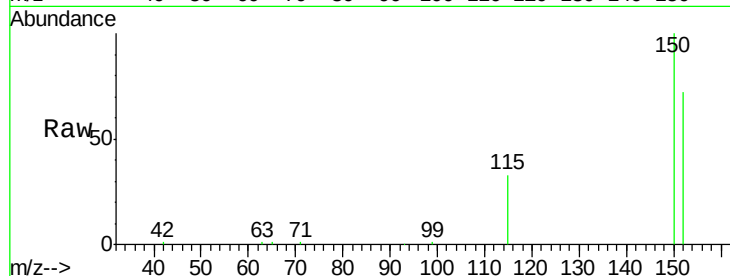
Tgt Ion:152 Resp: 14745

Ion Ratio Lower Upper

152 100

150 138.2 114.6 172.0

115 45.7 39.3 58.9



#4

2-Fluorophenol

Concen: 4.08 ng

RT: 5.02 min Scan# 152

Delta R.T. -0.02 min

Lab File: BM001295.D

Acq: 14 May 2015 17:12

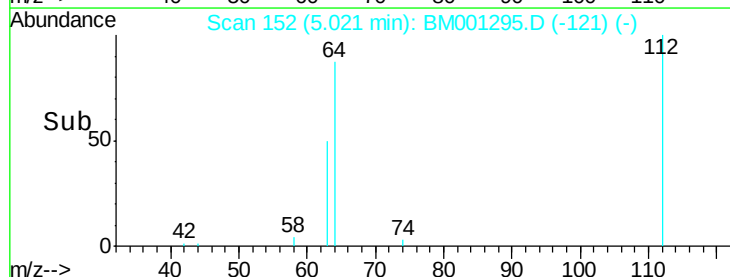
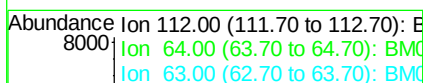
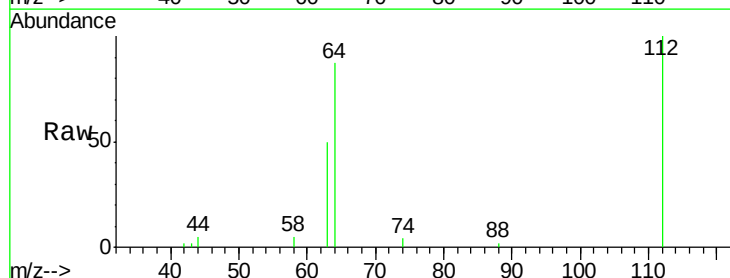
Tgt Ion:112 Resp: 11727

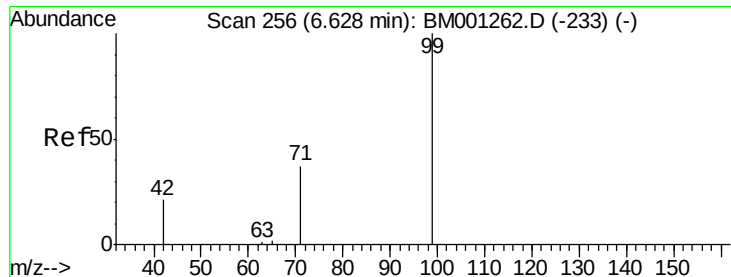
Ion Ratio Lower Upper

112 100

64 64.7 50.8 76.2

63 36.5 28.2 42.4





#5

Phenol-d6

Concen: 2.56 ng

RT: 6.63 min Scan# 256

Delta R.T. 0.00 min

Lab File: BM001295.D

Acq: 14 May 2015 17:12

Instrument :

BNA_M

ClientSampleId :

050715-P17-E-D-B

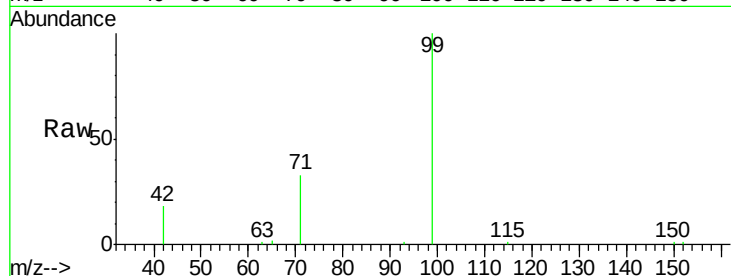
Tgt Ion: 99 Resp: 8293

Ion Ratio Lower Upper

99 100

42 24.7 19.9 29.9

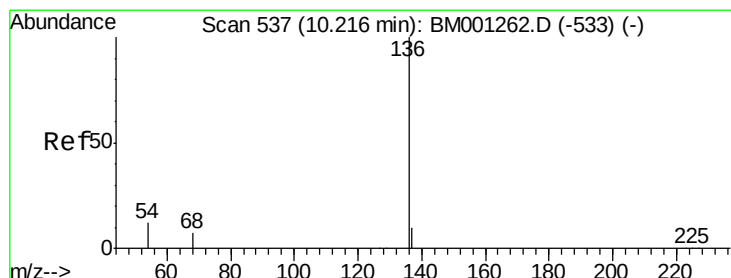
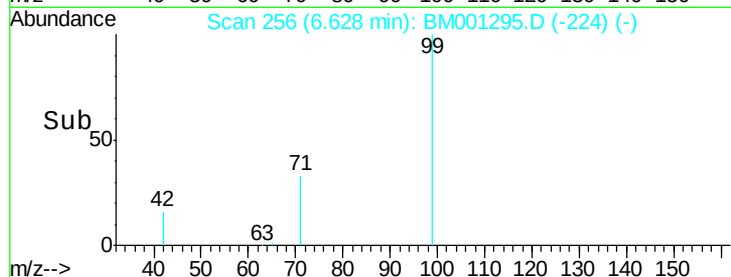
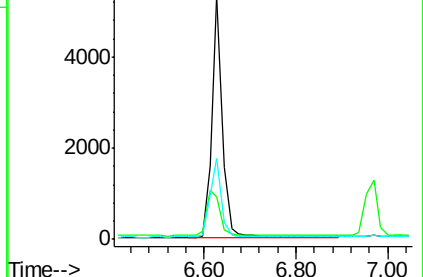
71 35.5 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BM001262.D (-233) (-)

Ion 42.00 (41.70 to 42.70): BM001262.D (-233) (-)

Ion 71.00 (70.70 to 71.70): BM001262.D (-233) (-)



#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.22 min Scan# 537

Delta R.T. 0.00 min

Lab File: BM001295.D

Acq: 14 May 2015 17:12

Tgt Ion: 136 Resp: 52327

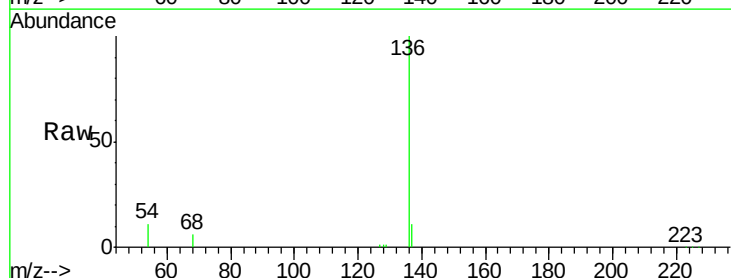
Ion Ratio Lower Upper

136 100

137 10.5 8.2 12.4

54 10.7 9.5 14.3

68 6.4 5.5 8.3

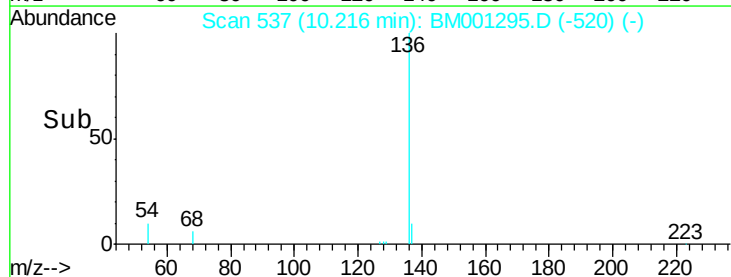
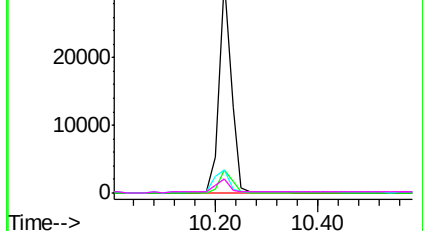


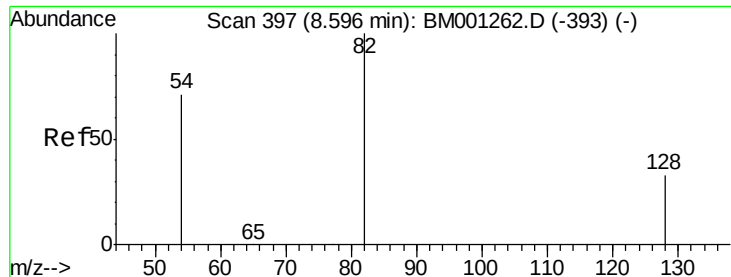
Abundance Ion 136.00 (135.70 to 136.70): BM001262.D (-533) (-)

Ion 137.00 (136.70 to 137.70): BM001262.D (-533) (-)

Ion 54.00 (53.70 to 54.70): BM001262.D (-533) (-)

Ion 68.00 (67.70 to 68.70): BM001262.D (-533) (-)





#7

Nitrobenzene-d5

Concen: 6.34 ng

RT: 8.60 min Scan# 397

Delta R.T. 0.00 min

Lab File: BM001295.D

Acq: 14 May 2015 17:12

Instrument :

BNA_M

ClientSampleId :

050715-P17-E-D-B

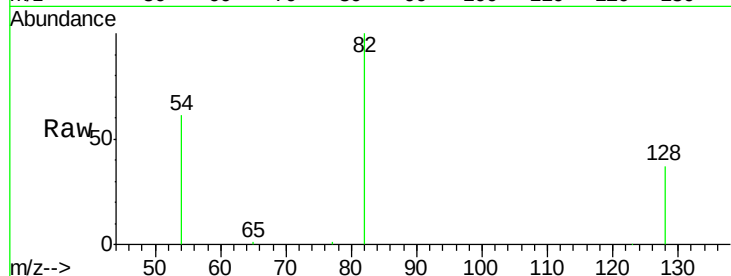
Tgt Ion: 82 Resp: 21039

Ion Ratio Lower Upper

82 100

128 37.2 28.0 42.0

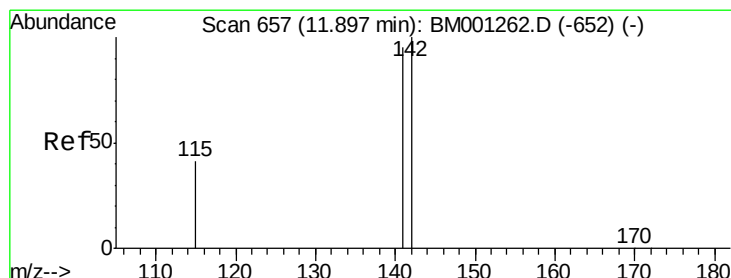
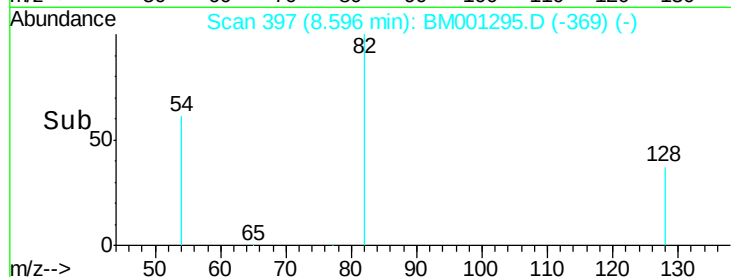
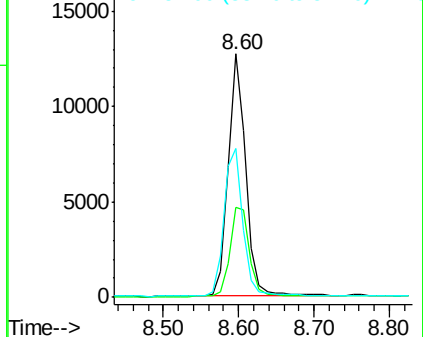
54 61.1 57.3 85.9



Abundance Ion 82.00 (81.70 to 82.70): BM001295.D (-369) (-)

Ion 128.00 (127.70 to 128.70): BM001295.D (-369) (-)

Ion 54.00 (53.70 to 54.70): BM001295.D (-369) (-)



#11

2-Methylnaphthalene

Concen: 2.20 ng

RT: 11.90 min Scan# 657

Delta R.T. 0.00 min

Lab File: BM001295.D

Acq: 14 May 2015 17:12

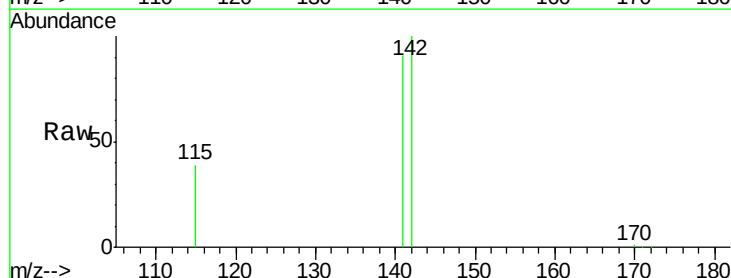
Tgt Ion: 142 Resp: 15941

Ion Ratio Lower Upper

142 100

141 91.3 76.1 114.1

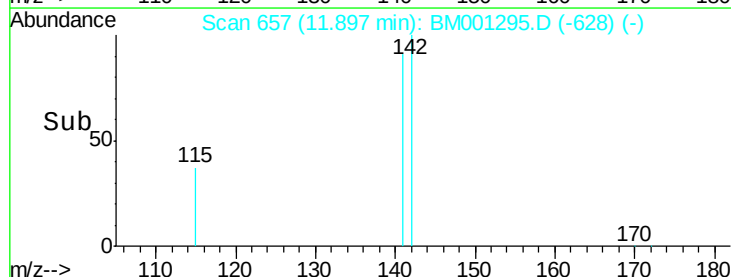
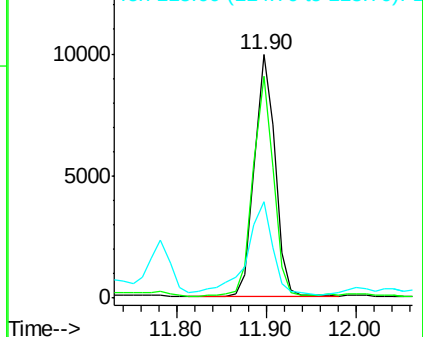
115 39.4 33.1 49.7

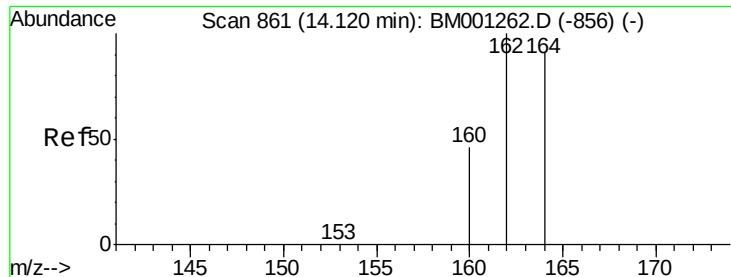


Abundance Ion 142.00 (141.70 to 142.70): BM001295.D (-628) (-)

Ion 141.00 (140.70 to 141.70): BM001295.D (-628) (-)

Ion 115.00 (114.70 to 115.70): BM001295.D (-628) (-)

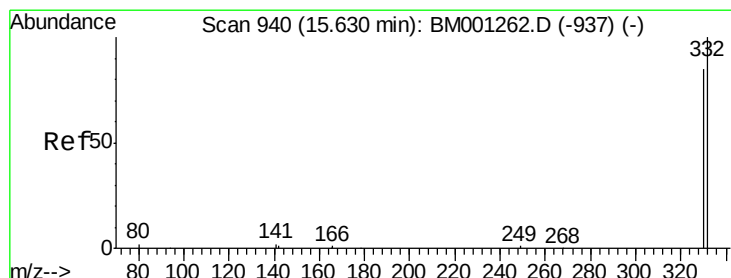
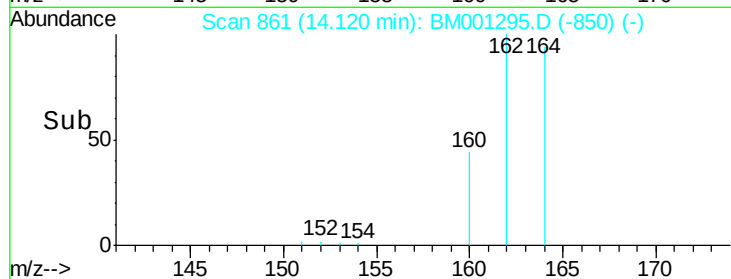
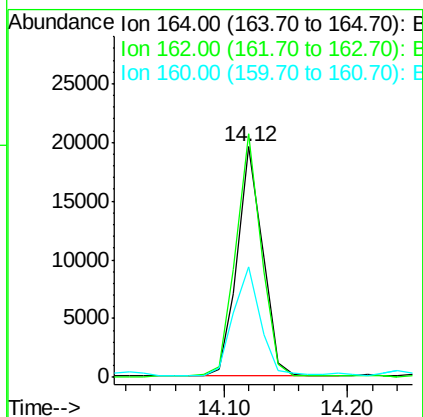
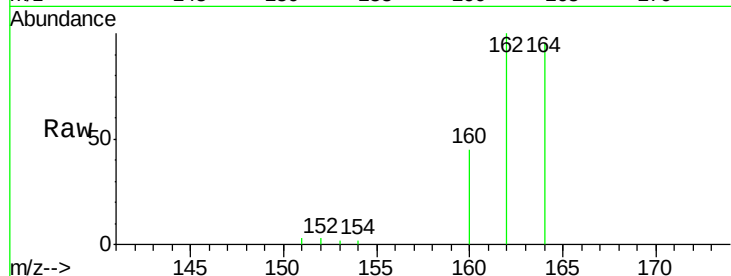




#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.12 min Scan# 861
Delta R.T. 0.00 min
Lab File: BM001295.D
Acq: 14 May 2015 17:12

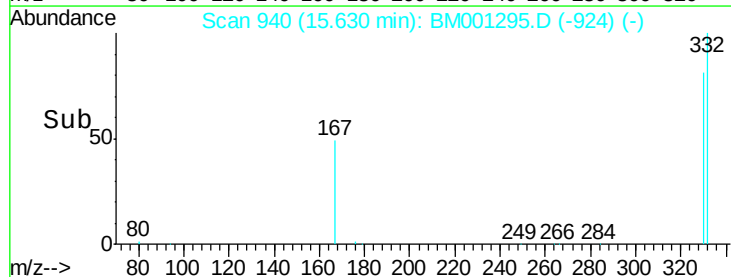
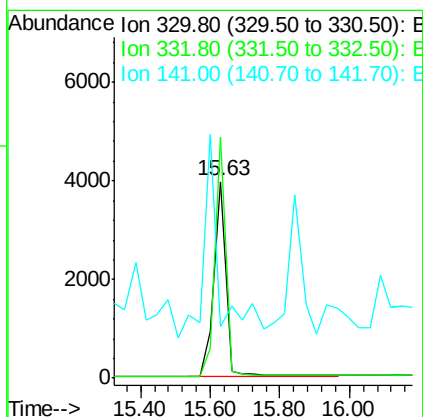
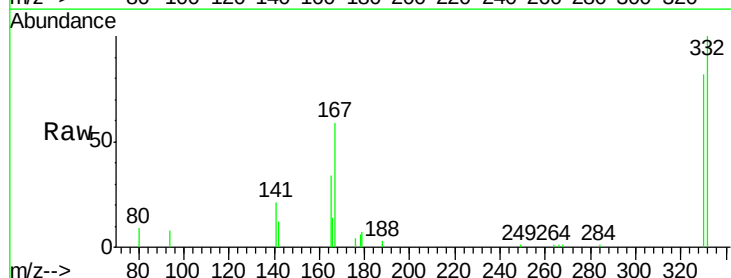
Instrument :
BNA_M
ClientSampleId :
050715-P17-E-D-B

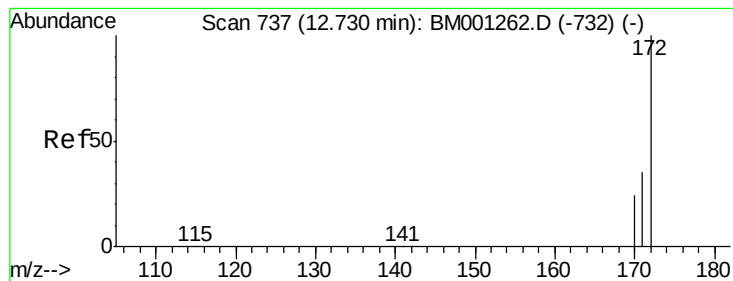
Tgt Ion:164 Resp: 27794
Ion Ratio Lower Upper
164 100
162 105.5 87.9 131.9
160 47.9 40.9 61.3



#13
2,4,6-Tribromophenol
Concen: 9.80 ng
RT: 15.63 min Scan# 940
Delta R.T. 0.00 min
Lab File: BM001295.D
Acq: 14 May 2015 17:12

Tgt Ion:330 Resp: 9347
Ion Ratio Lower Upper
330 100
332 111.2 89.0 133.4
141 0.0 0.0 0.0

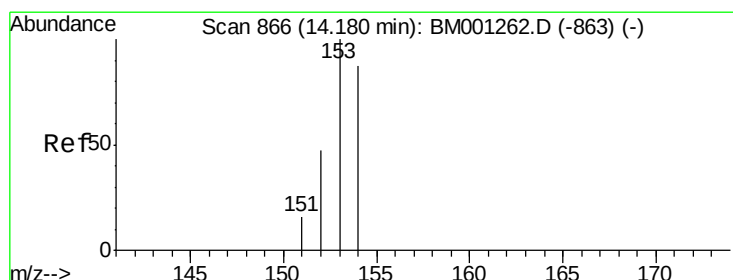
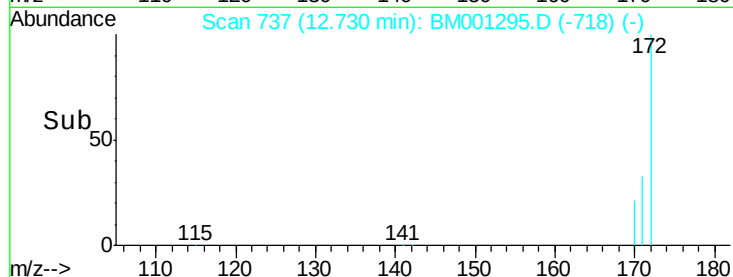
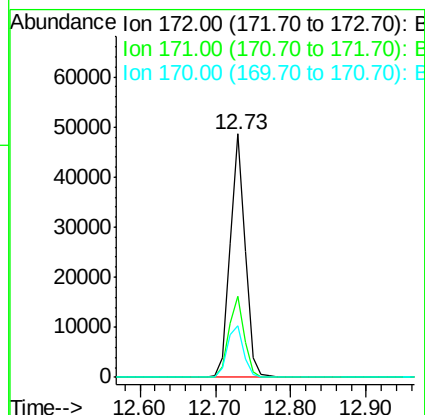
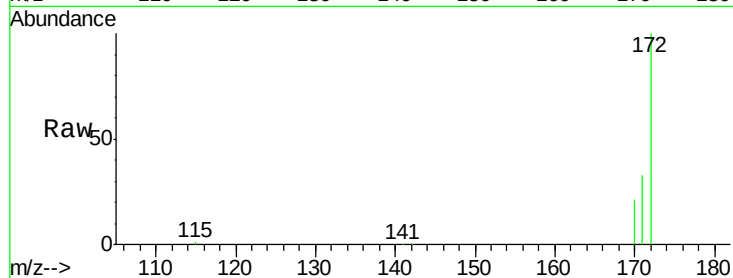




#14
2-Fluorobiphenyl
Concen: 7.93 ng
RT: 12.73 min Scan# 737
Delta R.T. 0.00 min
Lab File: BM001295.D
Acq: 14 May 2015 17:12

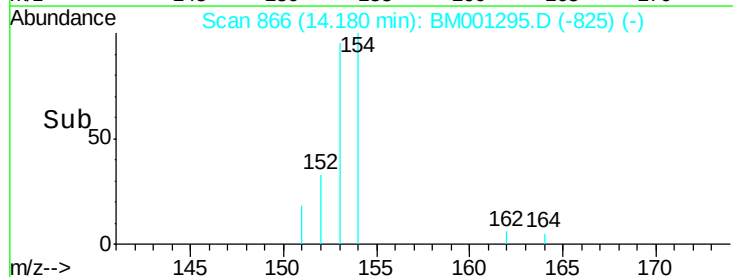
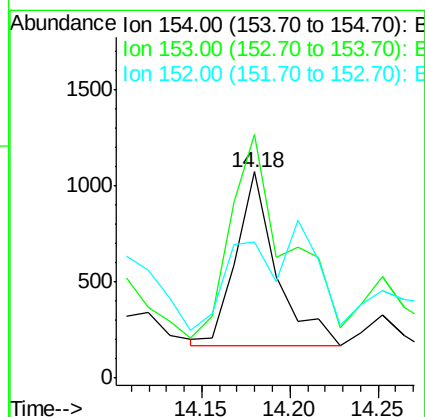
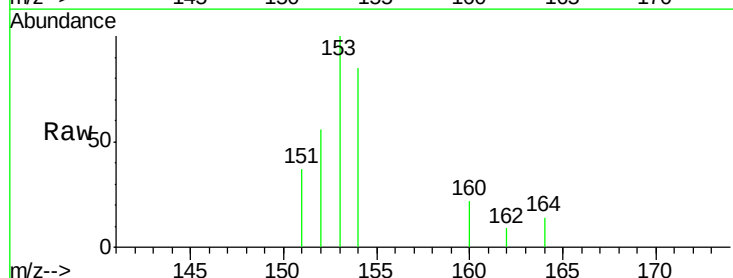
Instrument :
BNA_M
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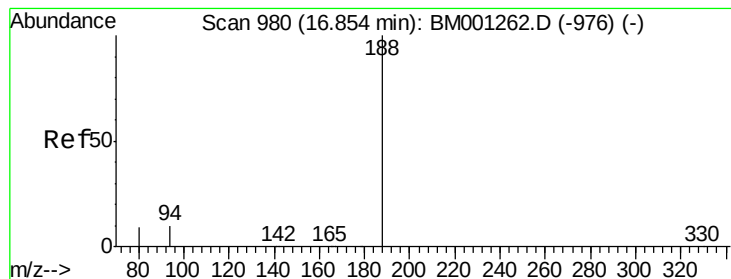
Tgt Ion:172 Resp: 68447
Ion Ratio Lower Upper
172 100
171 33.4 28.7 43.1
170 21.1 19.5 29.3



#16
Acenaphthene
Concen: 0.20 ng
RT: 14.18 min Scan# 866
Delta R.T. 0.00 min
Lab File: BM001295.D
Acq: 14 May 2015 17:12

Tgt Ion:154 Resp: 1444
Ion Ratio Lower Upper
154 100
153 162.0 91.4 137.2#
152 63.1 44.3 66.5





#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 16.85 min Scan# 980

Delta R.T. 0.00 min

Lab File: BM001295.D

Acq: 14 May 2015 17:12

Instrument :

BNA_M

ClientSampleId :

050715-P17-E-D-B

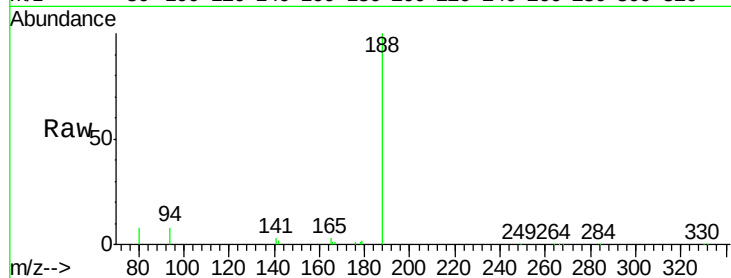
Tgt Ion:188 Resp: 68245

Ion Ratio Lower Upper

188 100

94 8.2 7.8 11.8

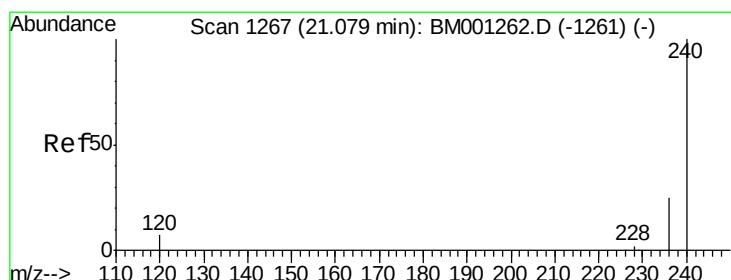
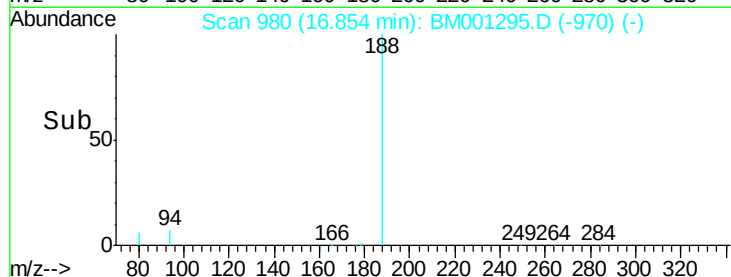
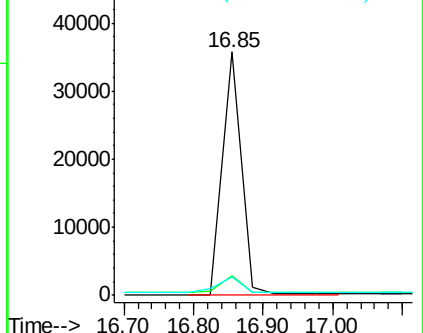
80 7.7 7.5 11.3



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



#24

Chrysene-d12

Concen: 5.00 ng

RT: 21.08 min Scan# 1267

Delta R.T. 0.00 min

Lab File: BM001295.D

Acq: 14 May 2015 17:12

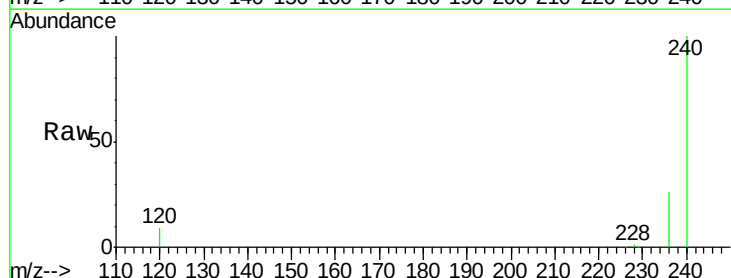
Tgt Ion:240 Resp: 49786

Ion Ratio Lower Upper

240 100

120 8.5 5.5 8.3#

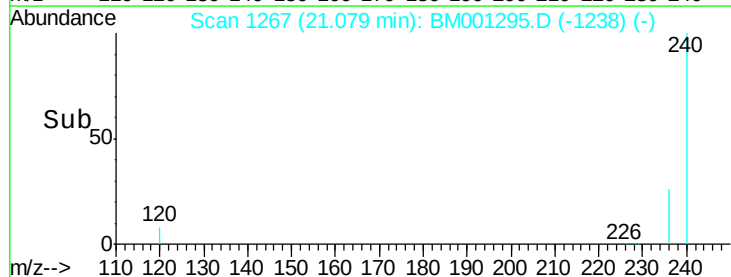
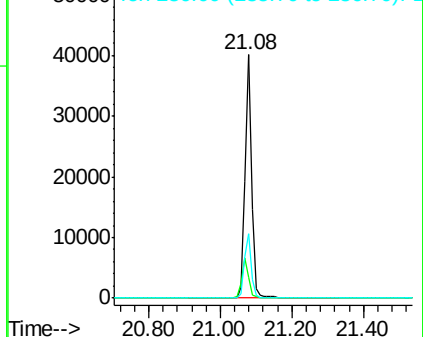
236 26.5 20.4 30.6

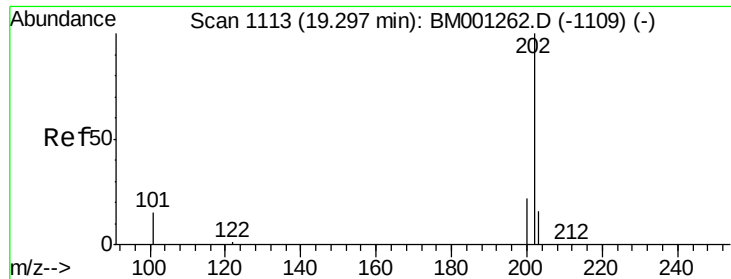


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

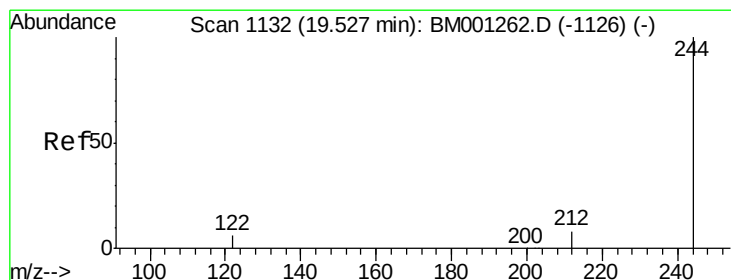
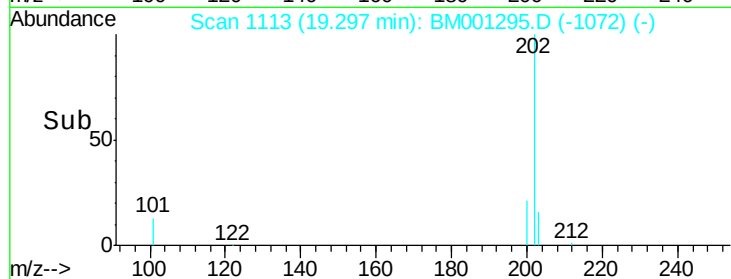
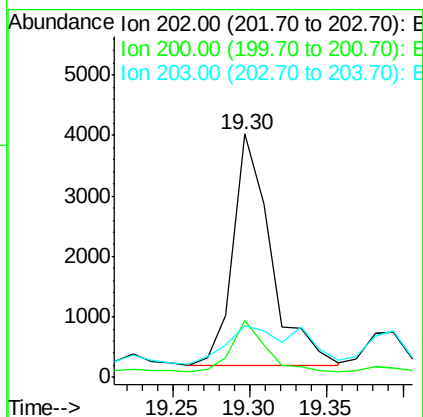
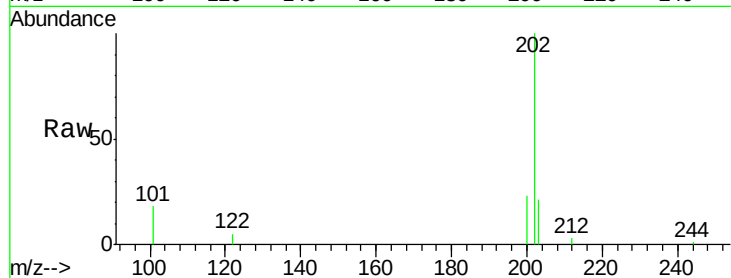




#25
 Pyrene
 Concen: 0.42 ng
 RT: 19.30 min Scan# 1113
 Delta R.T. 0.00 min
 Lab File: BM001295.D
 Acq: 14 May 2015 17:12

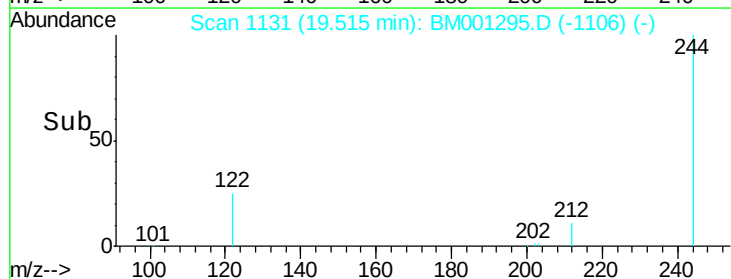
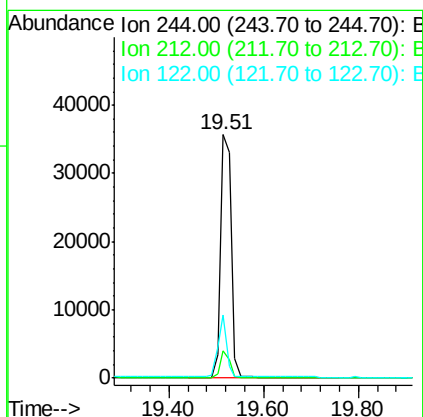
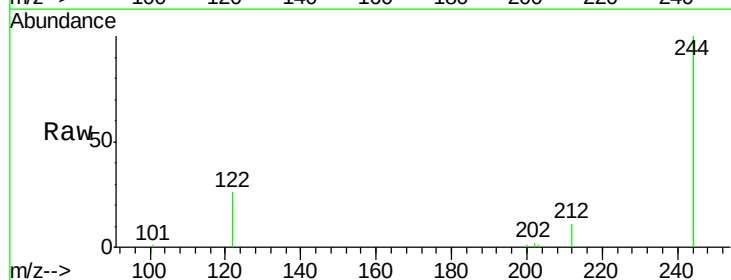
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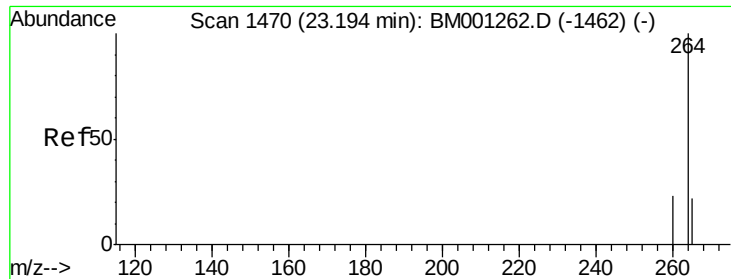
Tgt Ion:202 Resp: 6532
 Ion Ratio Lower Upper
 202 100
 200 19.3 16.4 24.6
 203 32.6 13.9 20.9#



#26
 Terphenyl-d14
 Concen: 8.27 ng
 RT: 19.51 min Scan# 1131
 Delta R.T. 0.00 min
 Lab File: BM001295.D
 Acq: 14 May 2015 17:12

Tgt Ion:244 Resp: 55309
 Ion Ratio Lower Upper
 244 100
 212 11.2 7.2 10.8#
 122 25.9 5.6 8.4#





#30

Perylene-d12

Concen: 5.00 ng

RT: 23.19 min Scan# 1470

Delta R.T. 0.01 min

Lab File: BM001295.D

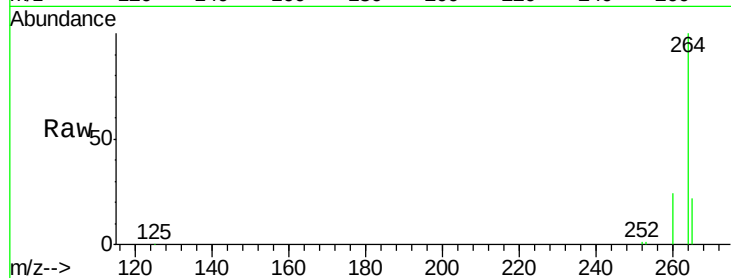
Acq: 14 May 2015 17:12

Instrument :

BNA_M

ClientSampleId :

050715-P17-E-D-B



Tgt Ion: 264 Resp: 49171

Ion Ratio Lower Upper

264 100

260 24.4 18.9 28.3

265 22.1 18.1 27.1

