

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051615\
 Data File : BM001297.D
 Acq On : 14 May 2015 18:24
 Operator : TP/IZ
 Sample : G2210-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

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

Quant Time: May 15 05:31:31 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

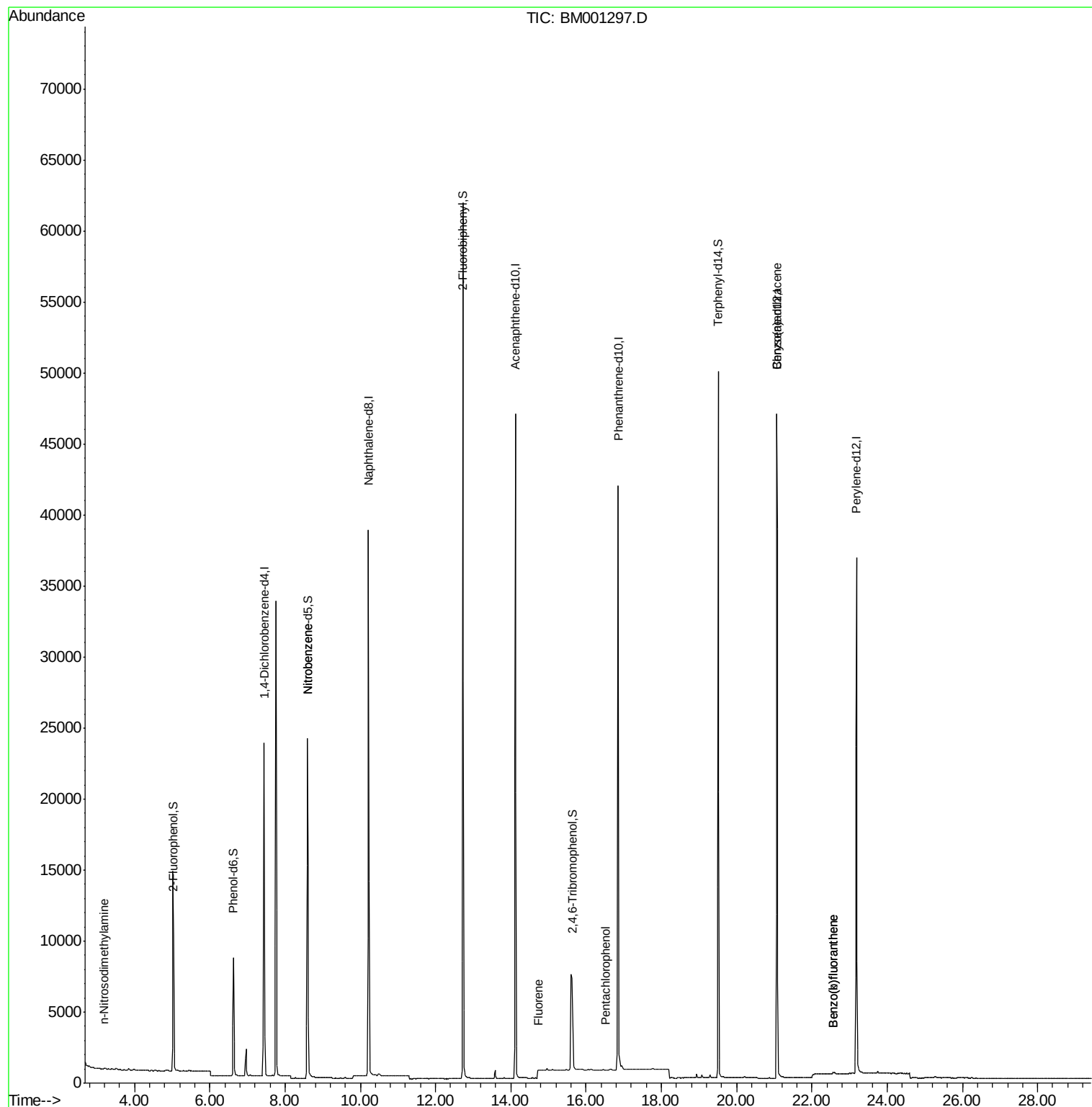
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	14746	5.00	ng	0.00
6) Naphthalene-d8	10.22	136	51740	5.00	ng	0.00
12) Acenaphthene-d10	14.12	164	26740	5.00	ng	0.00
18) Phenanthrene-d10	16.85	188	71319	5.00	ng	0.00
24) Chrysene-d12	21.07	240	46800	5.00	ng	-0.01
30) Perylene-d12	23.18	264	44528	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.04	112	12213	4.25	ng	0.00
5) Phenol-d6	6.63	99	8653	2.67	ng	0.00
7) Nitrobenzene-d5	8.60	82	19952	6.09	ng	0.00
13) 2,4,6-Tribromophenol	15.63	330	7645	8.34	ng	0.00
14) 2-Fluorobiphenyl	12.73	172	58337	7.03	ng	0.00
26) Terphenyl-d14	19.51	244	48460	7.71	ng	0.00
Target Compounds						
3) n-Nitrosodimethylamine	3.20	42	59	0.04	ng	# 1
8) Nitrobenzene	8.60	77	87	0.16	ng	# 36
17) Fluorene	14.74	166	485	0.08	ng	# 14
20) Pentachlorophenol	16.52	266	7	0.42	ng	# 68
27) Benzo(a)anthracene	21.07	228	265	0.02	ng	# 60
31) Benzo(b)fluoranthene	22.56	252	296	0.02	ng	# 1
32) Benzo(k)fluoranthene	22.56	252	296	0.02	ng	# 1

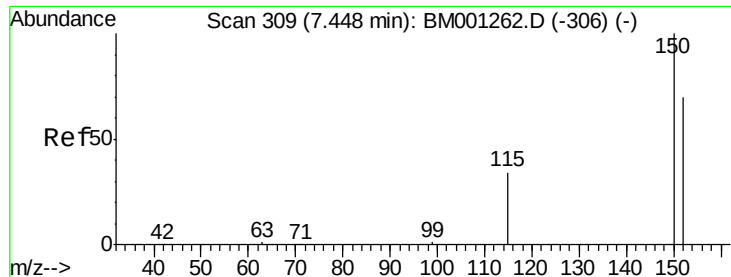
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051615\
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 15 05:14:53 2015
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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: BM001297.D

Acq: 14 May 2015 18:24

Instrument :

BNA_M

ClientSampleId :

050715-P17-E-U-B

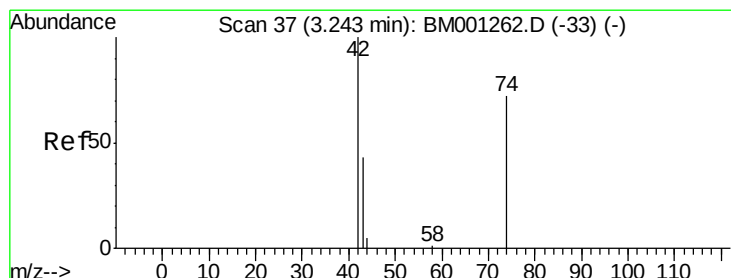
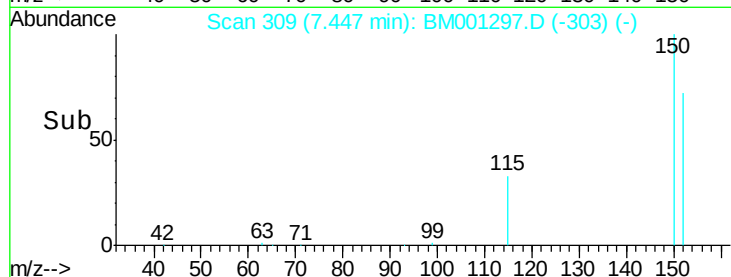
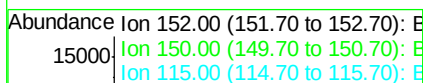
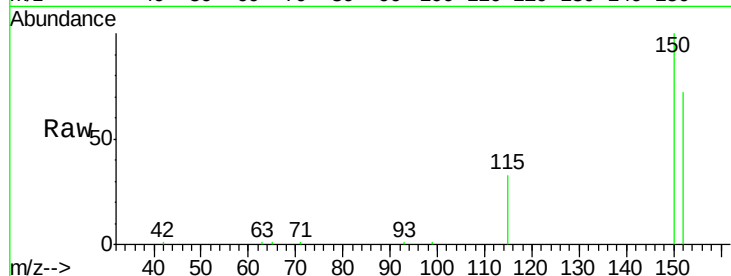
Tgt Ion:152 Resp: 14746

Ion Ratio Lower Upper

152 100

150 138.0 114.6 172.0

115 45.4 39.3 58.9



#3

n-Nitrosodimethylamine

Concen: 0.04 ng

RT: 3.20 min Scan# 34

Delta R.T. -0.05 min

Lab File: BM001297.D

Acq: 14 May 2015 18:24

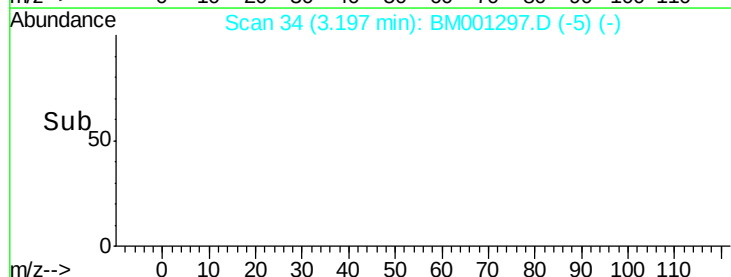
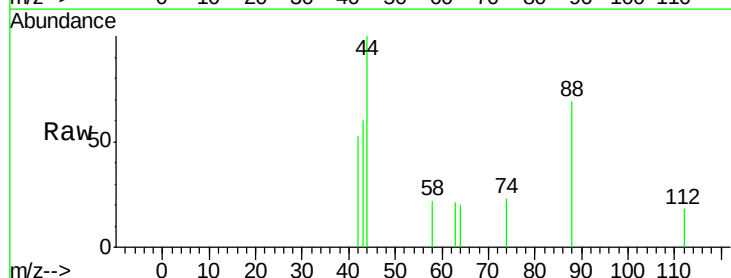
Tgt Ion: 42 Resp: 59

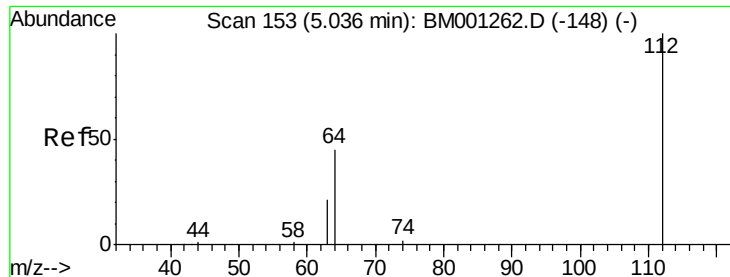
Ion Ratio Lower Upper

42 100

74 0.0 82.1 123.1#

44 69.5 3.0 4.4#





#4

2-Fluorophenol

Concen: 4.25 ng

RT: 5.04 min Scan# 153

Delta R.T. -0.00 min

Lab File: BM001297.D

Acq: 14 May 2015 18:24

Instrument :

BNA_M

ClientSampleId :

050715-P17-E-U-B

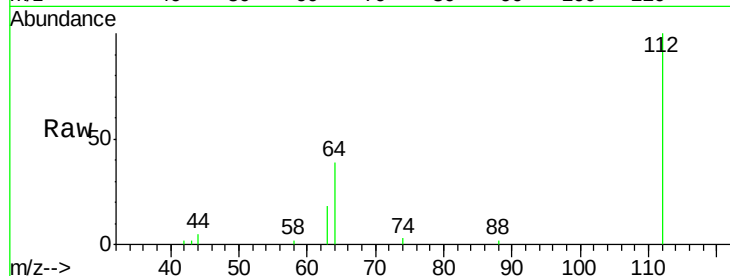
Tgt Ion: 112 Resp: 12213

Ion Ratio Lower Upper

112 100

64 64.3 50.8 76.2

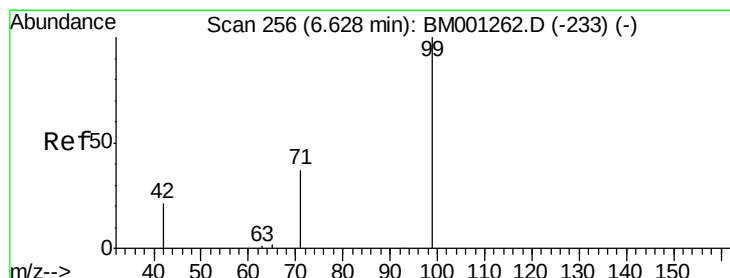
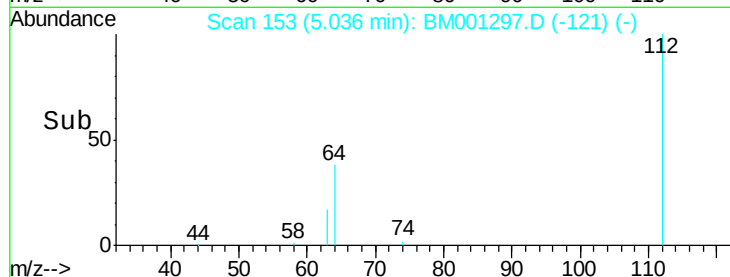
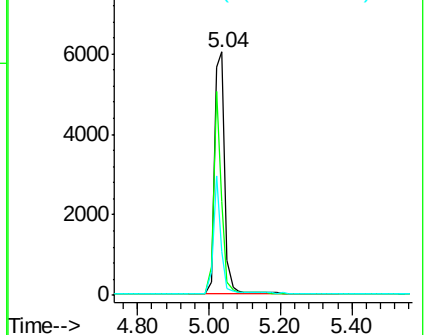
63 35.9 28.2 42.4



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: 2.67 ng

RT: 6.63 min Scan# 256

Delta R.T. -0.00 min

Lab File: BM001297.D

Acq: 14 May 2015 18:24

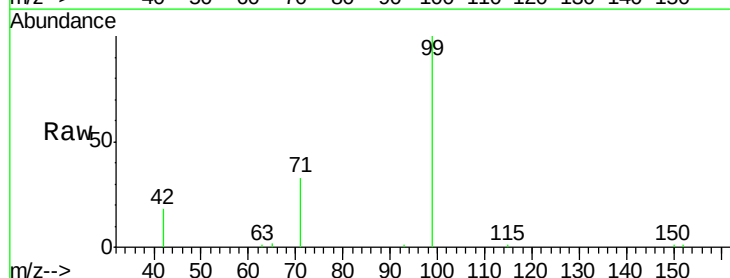
Tgt Ion: 99 Resp: 8653

Ion Ratio Lower Upper

99 100

42 23.6 19.9 29.9

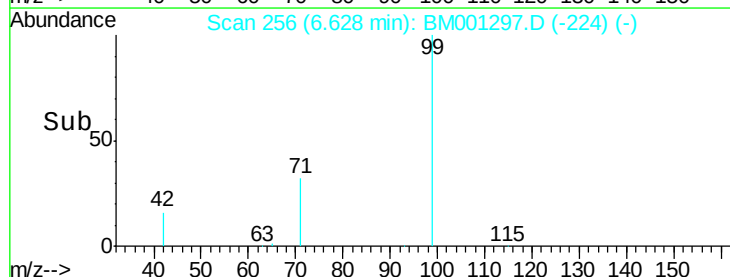
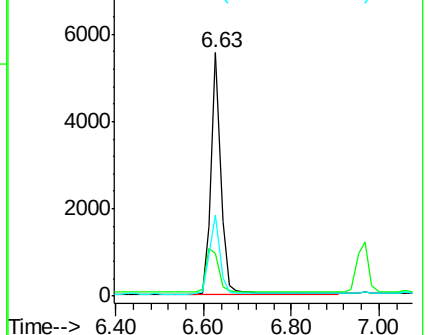
71 35.1 28.0 42.0

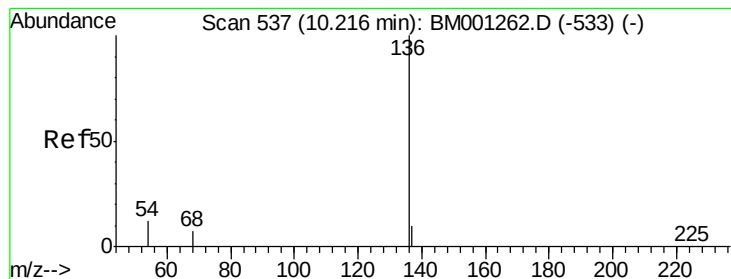


Abundance Ion 99.00 (98.70 to 99.70): B

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: 10.22 min Scan# 537

Delta R.T. -0.00 min

Lab File: BM001297.D

Acq: 14 May 2015 18:24

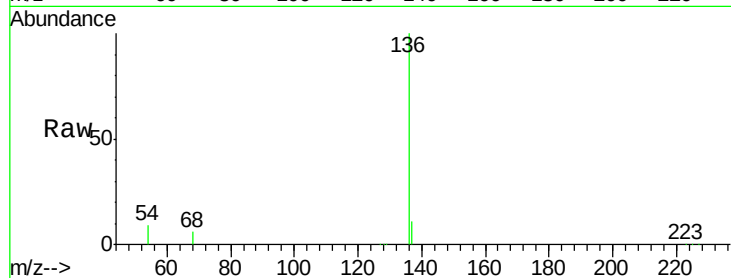
Instrument :

BNA_M

ClientSampleId :

050715-P17-E-U-B

Tgt Ion:136	Resp:	51740
Ion Ratio	Lower	Upper
136	100	
137	10.6	8.2 12.4
54	9.2	9.5 14.3#
68	5.6	5.5 8.3

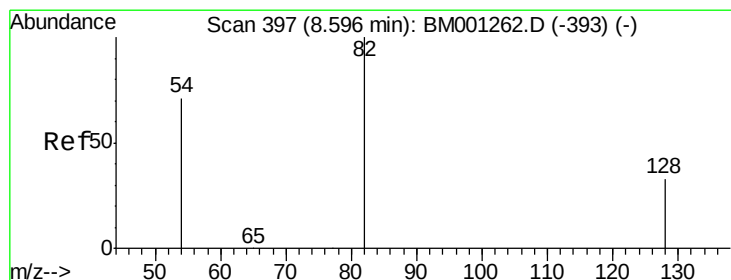
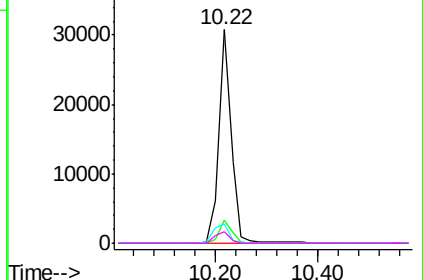
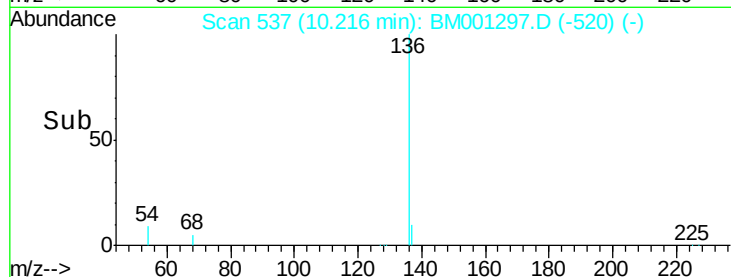


Abundance Ion 136.00 (135.70 to 136.70): E

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: 6.09 ng

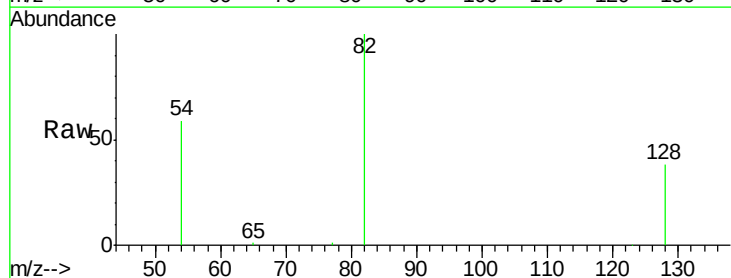
RT: 8.60 min Scan# 397

Delta R.T. -0.00 min

Lab File: BM001297.D

Acq: 14 May 2015 18:24

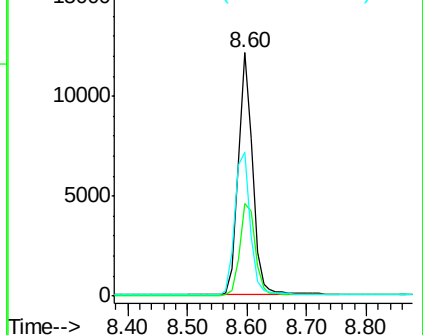
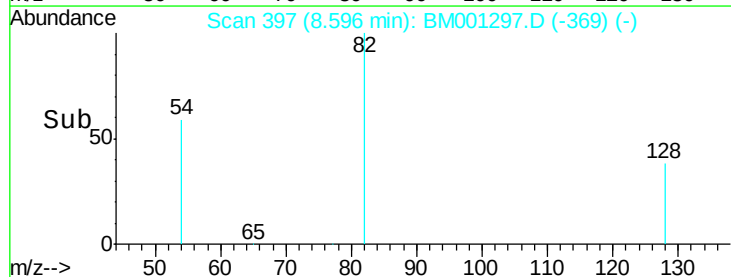
Tgt Ion: 82	Resp:	19952
Ion Ratio	Lower	Upper
82	100	
128	38.1	28.0 42.0
54	59.1	57.3 85.9

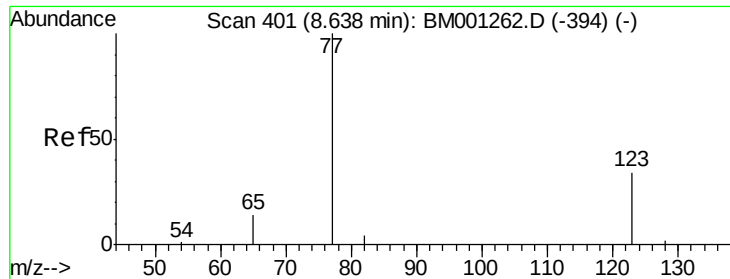


Abundance Ion 82.00 (81.70 to 82.70): BM

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM

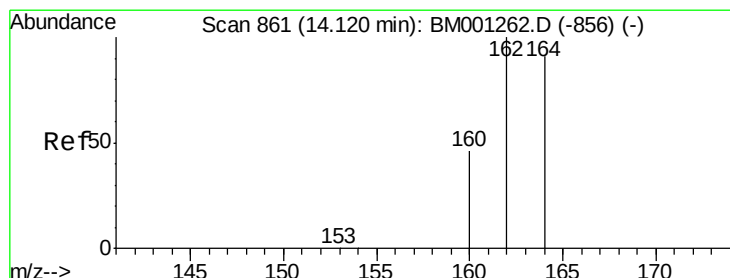
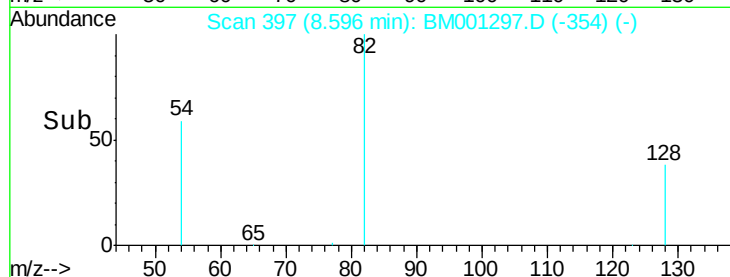
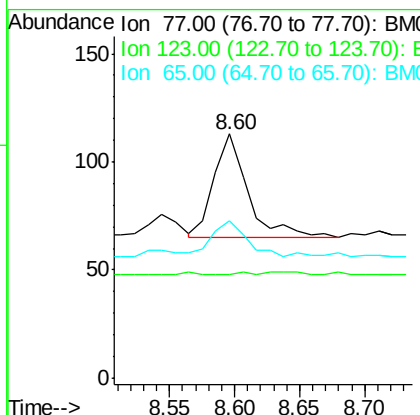
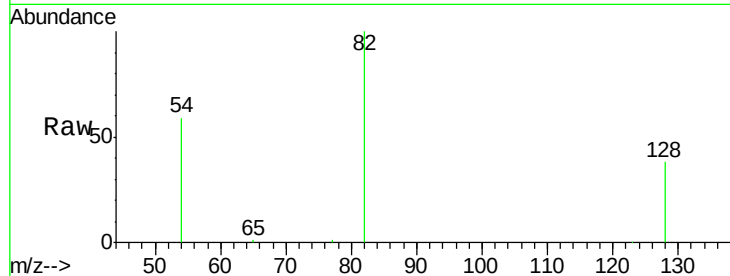




#8
 Nitrobenzene
 Concen: 0.16 ng
 RT: 8.60 min Scan# 397
 Delta R.T. -0.04 min
 Lab File: BM001297.D
 Acq: 14 May 2015 18:24

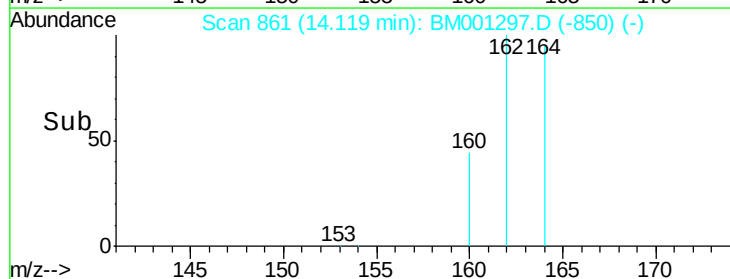
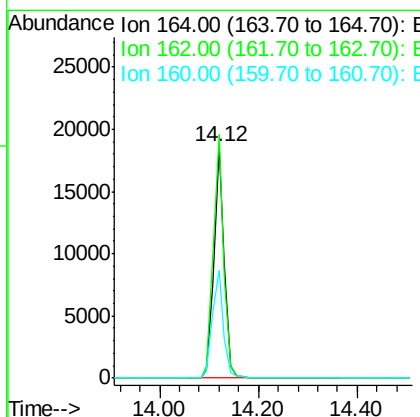
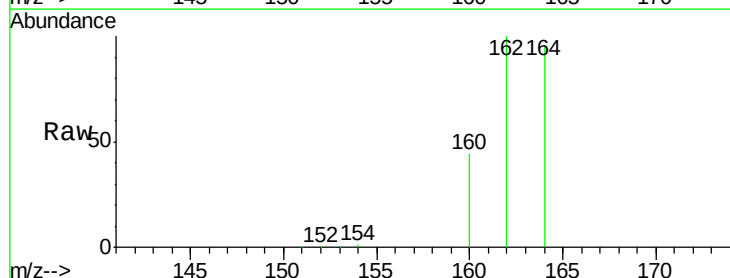
Instrument :
 BNA_M
 ClientSampleId :
 050715-P17-E-U-B

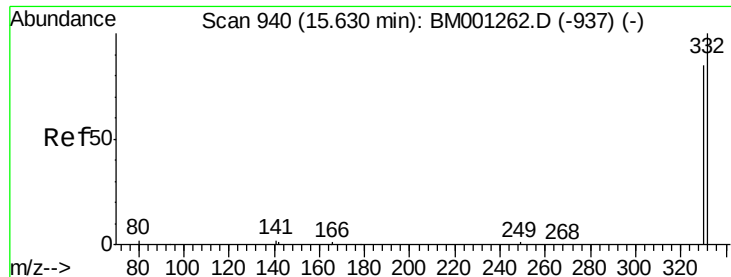
Tgt Ion: 77 Resp: 87
 Ion Ratio Lower Upper
 77 100
 123 0.0 33.4 50.2#
 65 35.6 10.6 15.8#



#12
 Acenaphthene-d10
 Concen: 5.00 ng
 RT: 14.12 min Scan# 861
 Delta R.T. -0.00 min
 Lab File: BM001297.D
 Acq: 14 May 2015 18:24

Tgt Ion: 164 Resp: 26740
 Ion Ratio Lower Upper
 164 100
 162 105.3 87.9 131.9
 160 46.7 40.9 61.3

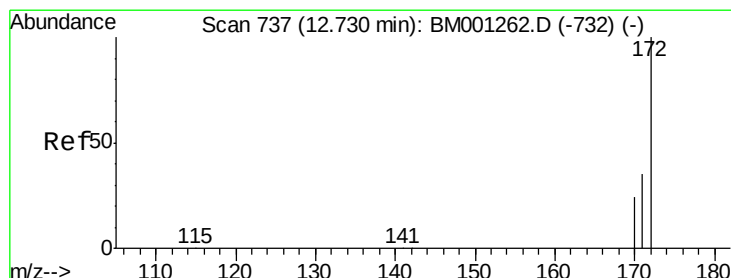
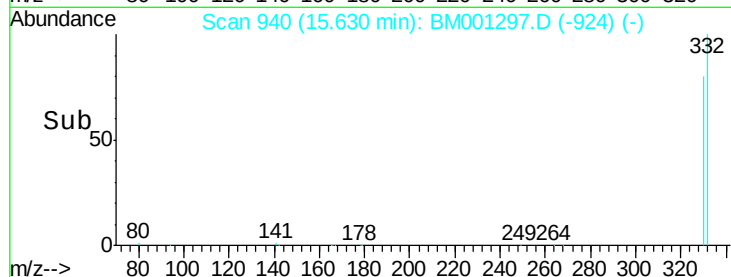
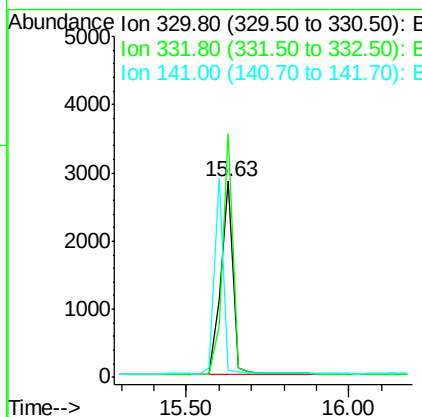
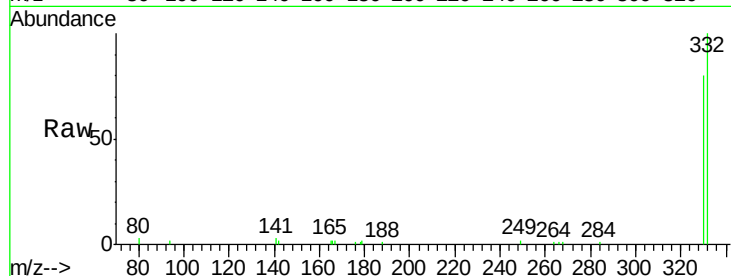




#13
 2,4,6-Tribromophenol
 Concen: 8.34 ng
 RT: 15.63 min Scan# 940
 Delta R.T. -0.00 min
 Lab File: BM001297.D
 Acq: 14 May 2015 18:24

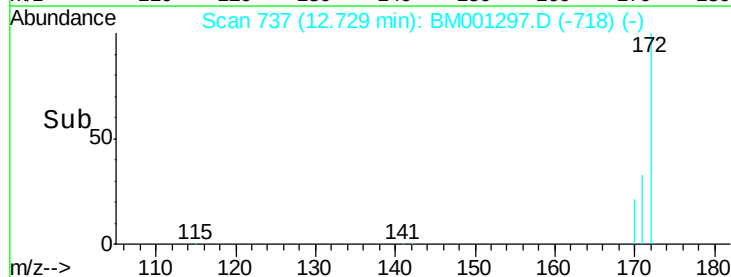
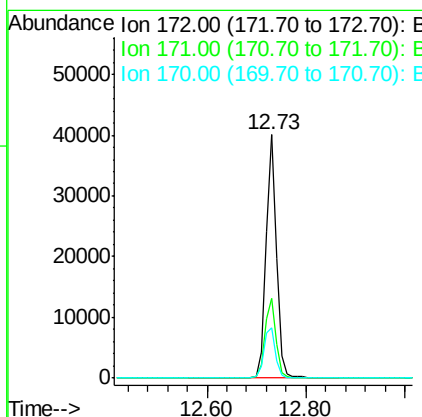
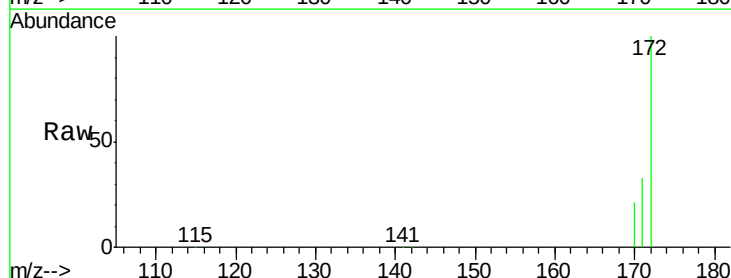
Instrument :
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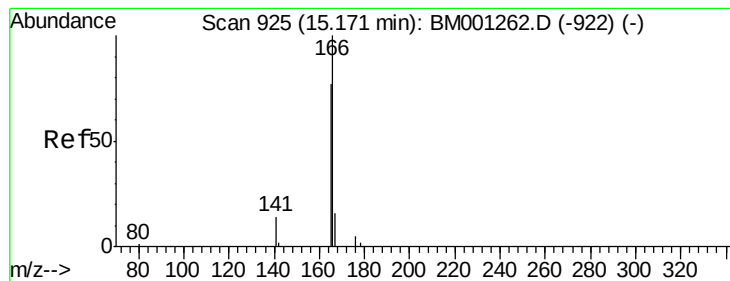
Tgt Ion:330 Resp: 7645
 Ion Ratio Lower Upper
 330 100
 332 107.8 89.0 133.4
 141 0.0 0.0 0.0



#14
 2-Fluorobiphenyl
 Concen: 7.03 ng
 RT: 12.73 min Scan# 737
 Delta R.T. -0.00 min
 Lab File: BM001297.D
 Acq: 14 May 2015 18:24

Tgt Ion:172 Resp: 58337
 Ion Ratio Lower Upper
 172 100
 171 33.0 28.7 43.1
 170 20.8 19.5 29.3





#17

Fluorene

Concen: 0.08 ng

RT: 14.74 min Scan# 911

Delta R.T. -0.43 min

Lab File: BM001297.D

Acq: 14 May 2015 18:24

Instrument :

BNA_M

ClientSampleId :

050715-P17-E-U-B

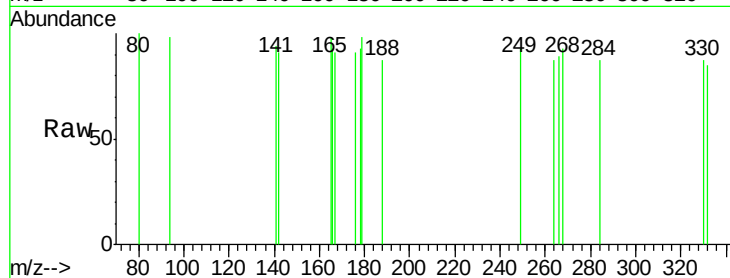
Tgt Ion:166 Resp: 485

Ion Ratio Lower Upper

166 100

165 0.0 70.6 106.0#

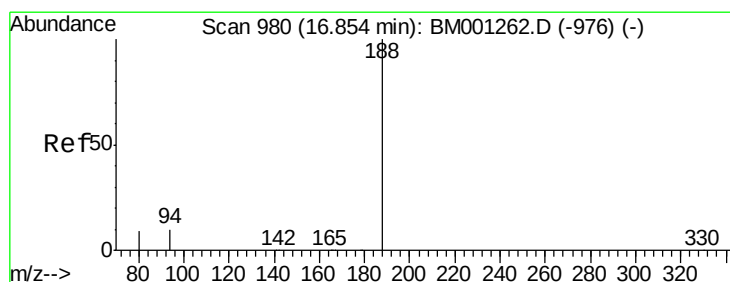
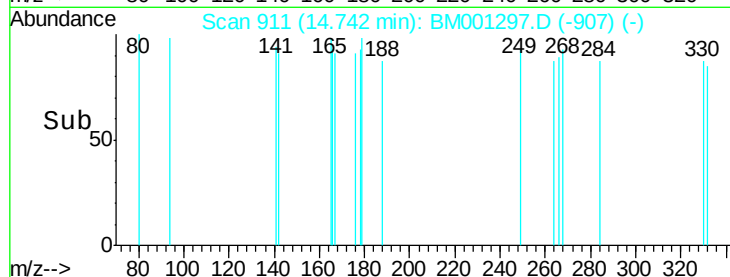
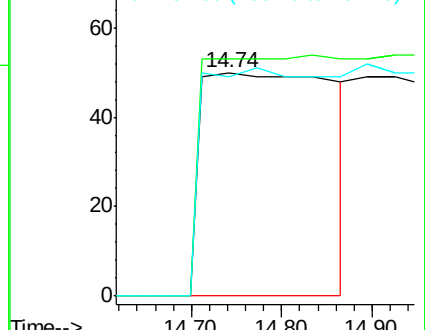
167 0.0 11.3 16.9#



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 16.85 min Scan# 980

Delta R.T. -0.00 min

Lab File: BM001297.D

Acq: 14 May 2015 18:24

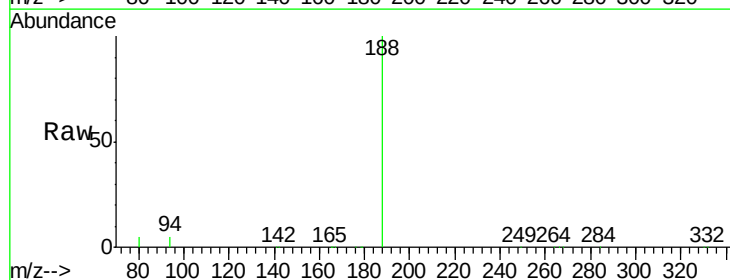
Tgt Ion:188 Resp: 71319

Ion Ratio Lower Upper

188 100

94 5.4 7.8 11.8#

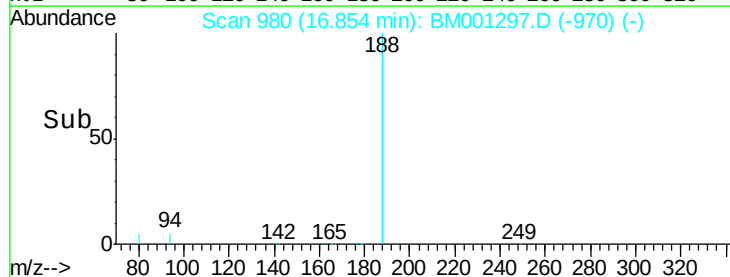
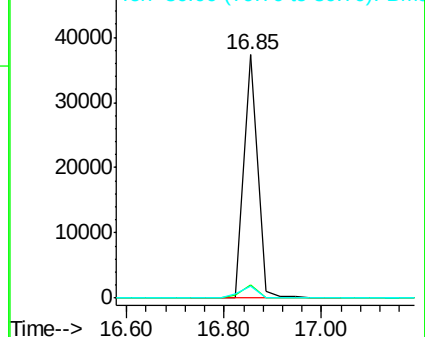
80 4.9 7.5 11.3#

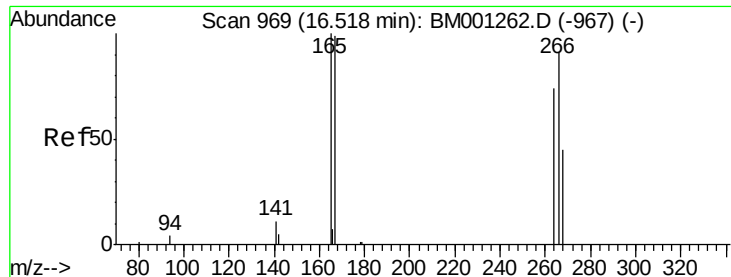


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM

Ion 80.00 (79.70 to 80.70): BM





#20

Pentachlorophenol

Concen: 0.42 ng

RT: 16.52 min Scan# 969

Delta R.T. -0.00 min

Lab File: BM001297.D

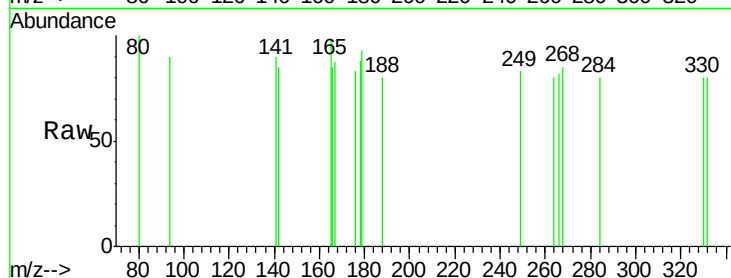
Acq: 14 May 2015 18:24

Instrument :

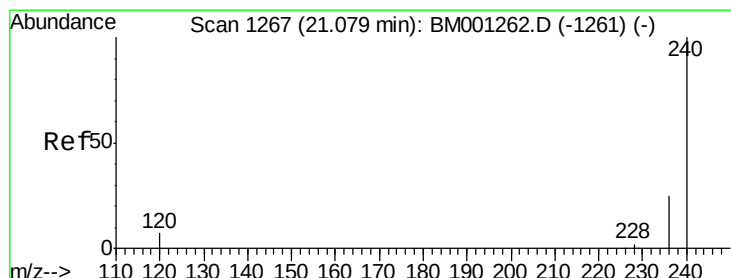
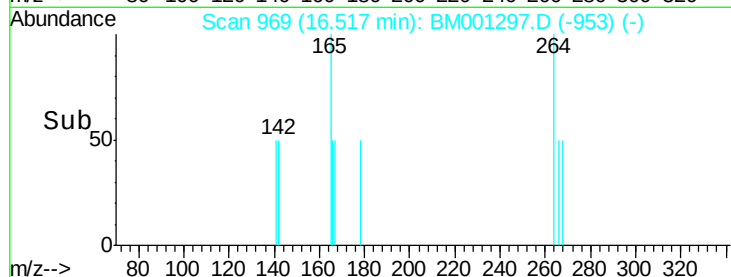
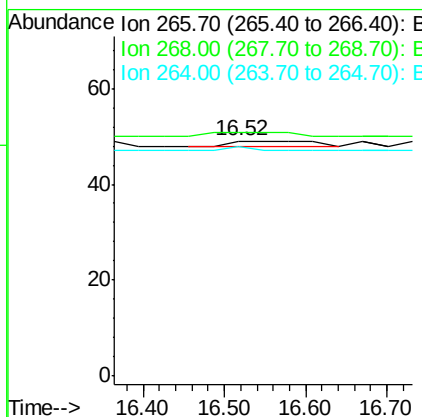
BNA_M

ClientSampleId :

050715-P17-E-U-B



Tgt Ion:	266	Resp:	7
Ion	Ratio	Lower	Upper
266	100		
268	104.1	49.4	74.0#
264	98.0	67.8	101.6



#24

Chrysene-d12

Concen: 5.00 ng

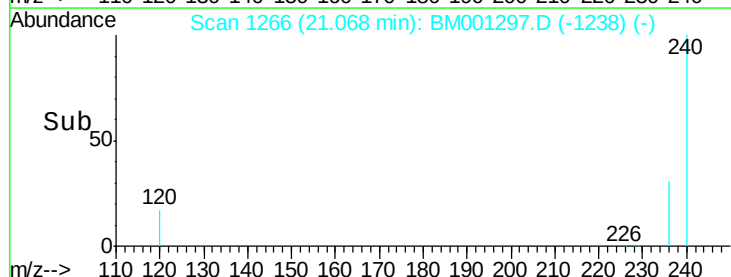
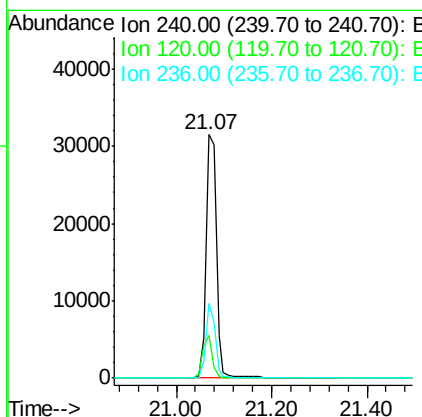
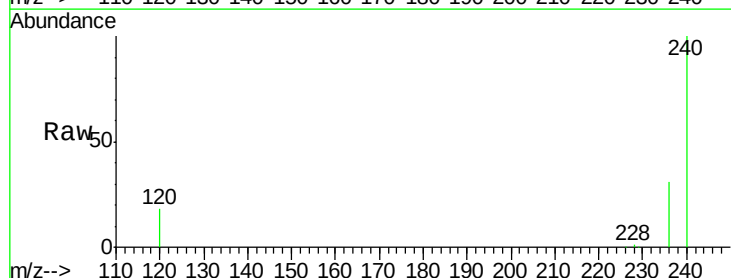
RT: 21.07 min Scan# 1266

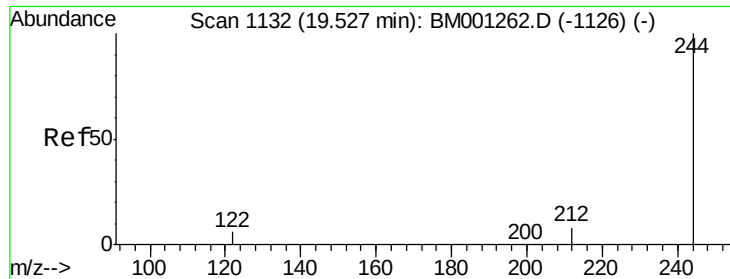
Delta R.T. -0.01 min

Lab File: BM001297.D

Acq: 14 May 2015 18:24

Tgt Ion:	240	Resp:	46800
Ion	Ratio	Lower	Upper
240	100		
120	17.5	5.5	8.3#
236	30.8	20.4	30.6#





#26

Terphenyl-d14

Concen: 7.71 ng

RT: 19.51 min Scan# 1131

Delta R.T. -0.00 min

Lab File: BM001297.D

Acq: 14 May 2015 18:24

Instrument :

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ClientSampleId :

050715-P17-E-U-B

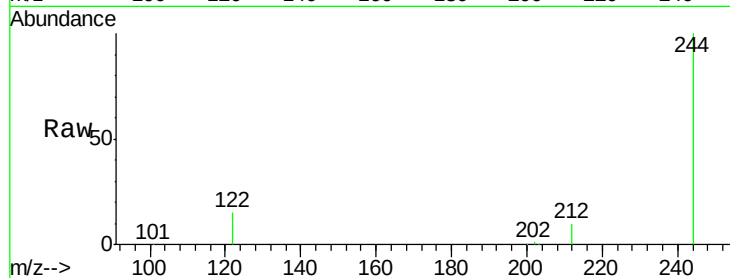
Tgt Ion:244 Resp: 48460

Ion Ratio Lower Upper

244 100

212 10.1 7.2 10.8

122 15.0 5.6 8.4#

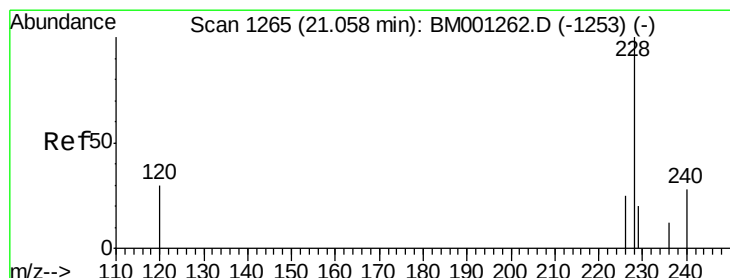
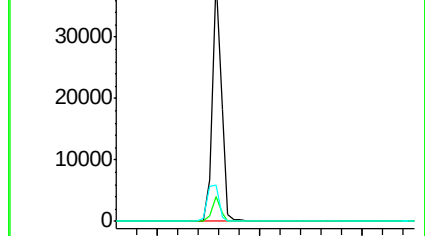
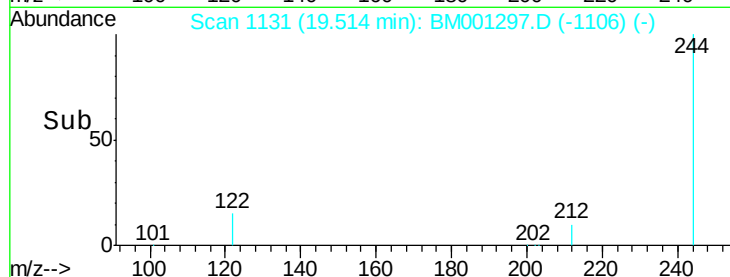


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

Time-->



#27

Benzo(a)anthracene

Concen: 0.02 ng

RT: 21.07 min Scan# 1266

Delta R.T. 0.01 min

Lab File: BM001297.D

Acq: 14 May 2015 18:24

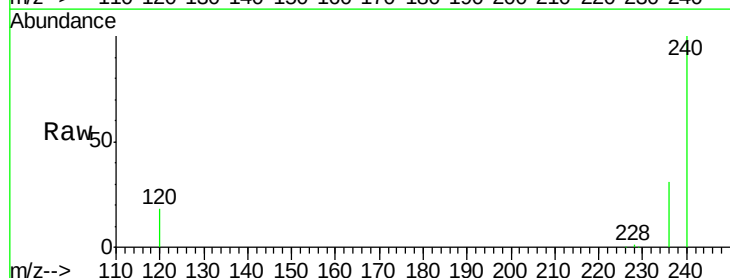
Tgt Ion:228 Resp: 265

Ion Ratio Lower Upper

228 100

226 38.0 20.5 30.7#

229 47.4 16.2 24.4#

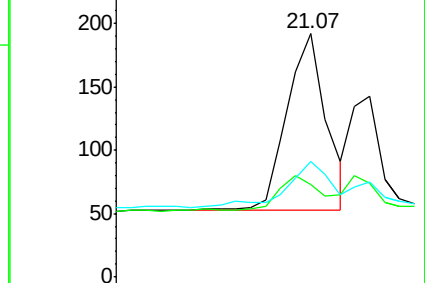
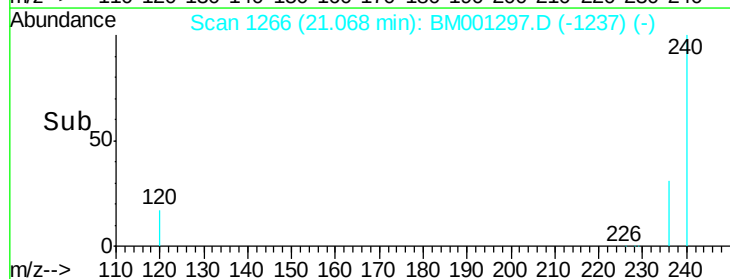


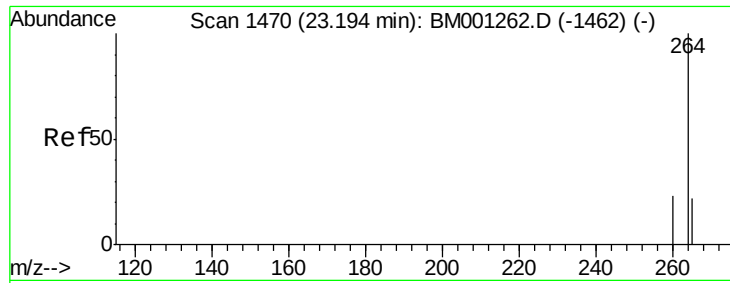
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

Time-->





#30

Perylene-d12

Concen: 5.00 ng

RT: 23.18 min Scan# 1469

Delta R.T. -0.00 min

Lab File: BM001297.D

Acq: 14 May 2015 18:24

Instrument :

BNA_M

ClientSampleId :

050715-P17-E-U-B

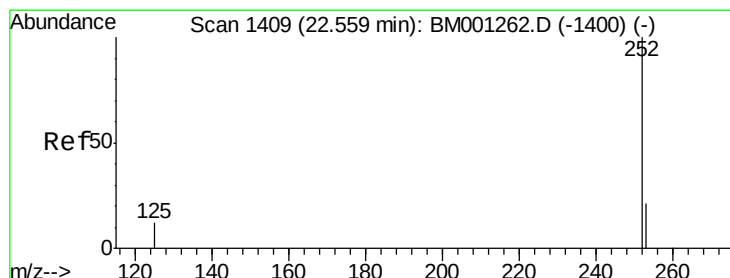
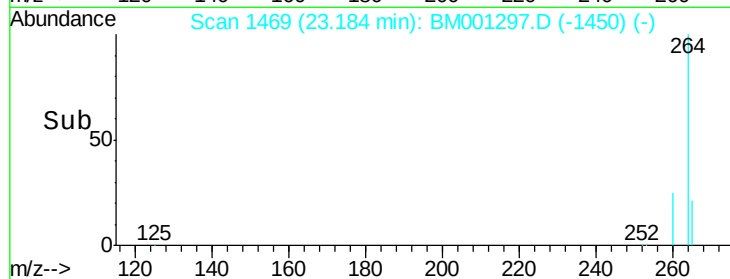
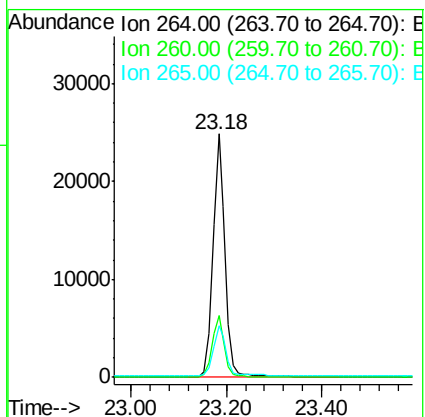
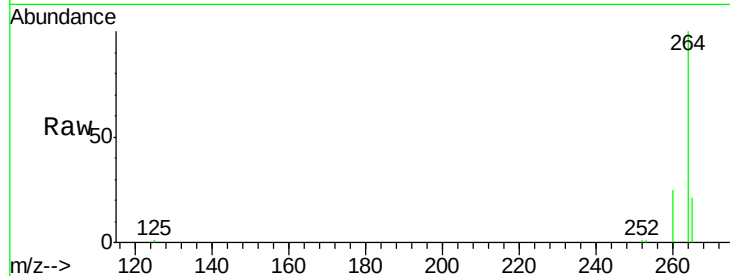
Tgt Ion:264 Resp: 44528

Ion Ratio Lower Upper

264 100

260 25.3 18.9 28.3

265 21.4 18.1 27.1



#31

Benzo(b)fluoranthene

Concen: 0.02 ng

RT: 22.56 min Scan# 1409

Delta R.T. -0.00 min

Lab File: BM001297.D

Acq: 14 May 2015 18:24

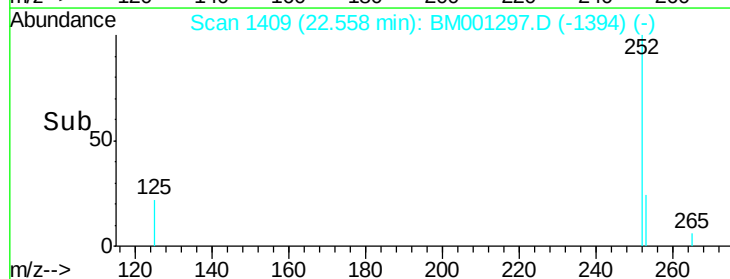
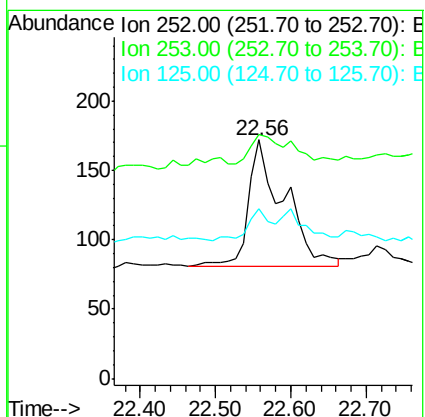
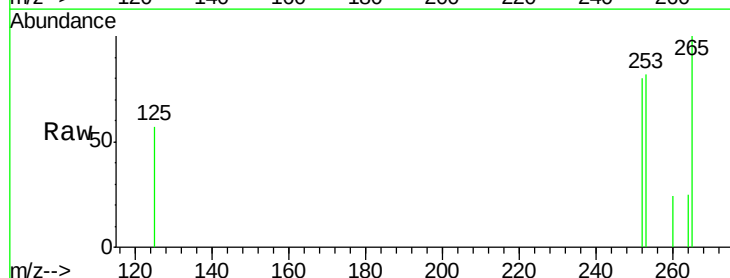
Tgt Ion:252 Resp: 296

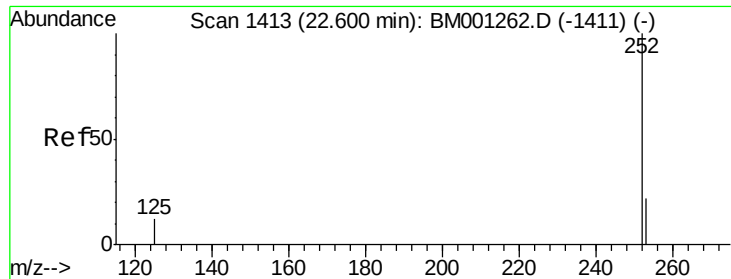
Ion Ratio Lower Upper

252 100

253 102.3 17.8 26.6#

125 70.9 10.4 15.6#





#32

Benzo(k)fluoranthene

Concen: 0.02 ng

RT: 22.56 min Scan# 1409

Delta R.T. -0.04 min

Lab File: BM001297.D

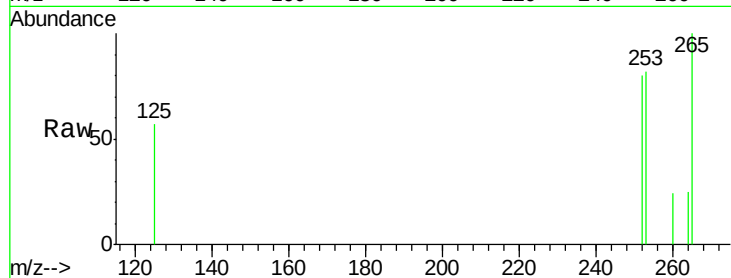
Acq: 14 May 2015 18:24

Instrument :

BNA_M

ClientSampleId :

050715-P17-E-U-B



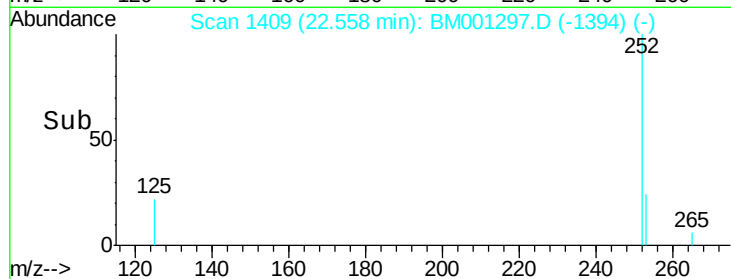
Tgt Ion: 252 Resp: 296

Ion Ratio Lower Upper

252 100

253 102.3 18.6 27.8#

125 70.9 10.2 15.4#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

