

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051615\
 Data File : BM001298.D
 Acq On : 14 May 2015 18:59
 Operator : TP/IZ
 Sample : G2210-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

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

Quant Time: May 15 05:31:44 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

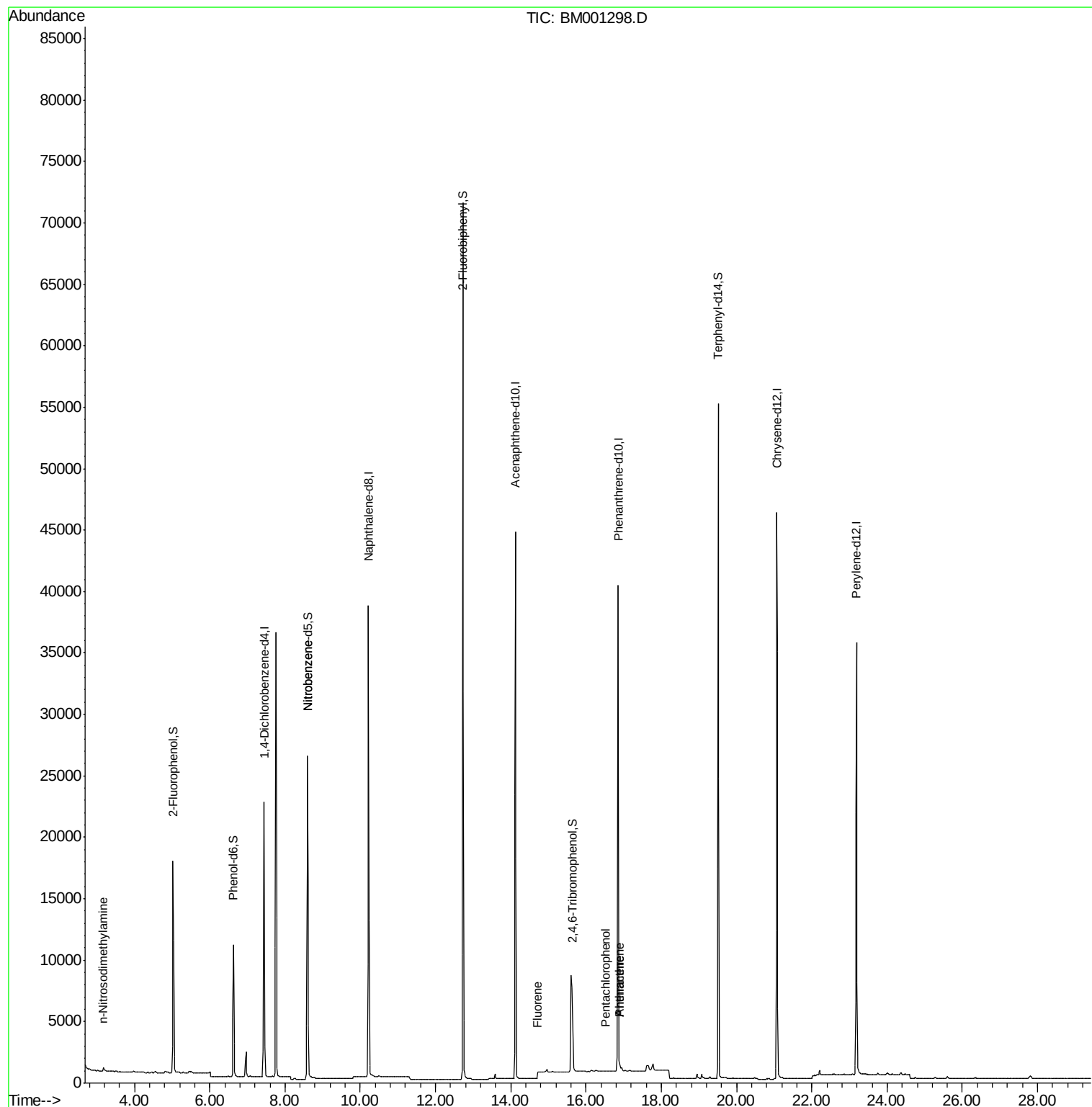
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	14225	5.00	ng	0.00
6) Naphthalene-d8	10.22	136	50329	5.00	ng	0.00
12) Acenaphthene-d10	14.12	164	25657	5.00	ng	0.00
18) Phenanthrene-d10	16.85	188	68922	5.00	ng	0.00
24) Chrysene-d12	21.07	240	44633	5.00	ng	-0.01
30) Perylene-d12	23.18	264	42482	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.02	112	14573	5.26	ng	-0.02
5) Phenol-d6	6.63	99	11222	3.59	ng	0.00
7) Nitrobenzene-d5	8.60	82	21863	6.84	ng	0.00
13) 2,4,6-Tribromophenol	15.63	330	8582	9.74	ng	0.00
14) 2-Fluorobiphenyl	12.73	172	67264	8.44	ng	0.00
26) Terphenyl-d14	19.51	244	55985	9.34	ng	0.00
Target Compounds						
3) n-Nitrosodimethylamine	3.17	42	161	0.10	ng	# 1
8) Nitrobenzene	8.60	77	76	0.15	ng	# 25
17) Fluorene	14.71	166	214	0.03	ng	# 14
20) Pentachlorophenol	16.52	266	13	0.42	ng	# 71
21) Phenanthrene	16.88	178	226	0.02	ng	# 92
22) Anthracene	16.88	178	226	0.02	ng	# 94

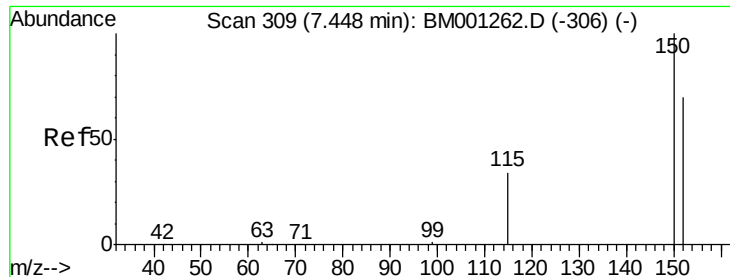
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri May 15 05:14:53 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.45 min Scan# 309

Delta R.T. 0.00 min

Lab File: BM001298.D

Acq: 14 May 2015 18:59

Instrument :

BNA_M

ClientSampleId :

050715-P17-E-U-S

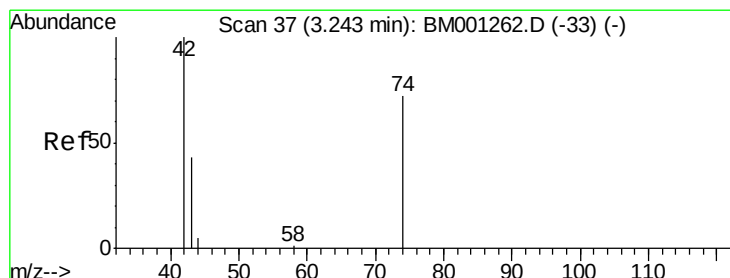
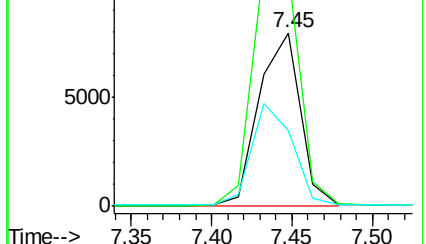
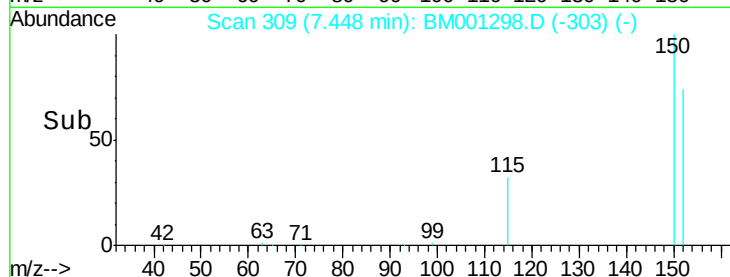
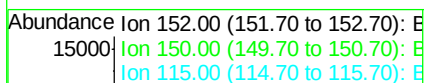
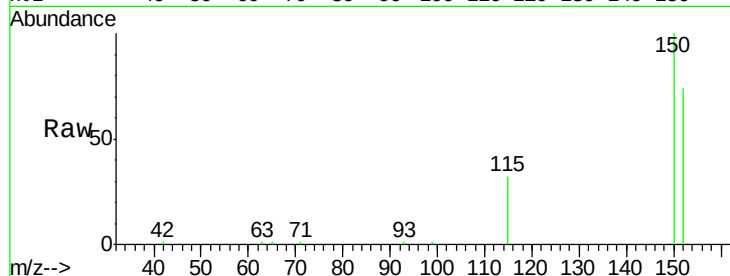
Tgt Ion:152 Resp: 14225

Ion Ratio Lower Upper

152 100

150 135.5 114.6 172.0

115 44.0 39.3 58.9



#3

n-Nitrosodimethylamine

Concen: 0.10 ng

RT: 3.17 min Scan# 32

Delta R.T. -0.08 min

Lab File: BM001298.D

Acq: 14 May 2015 18:59

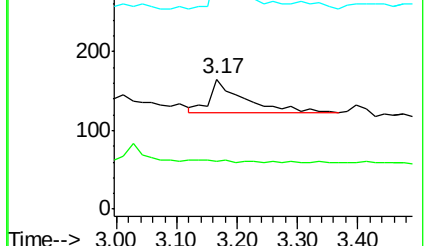
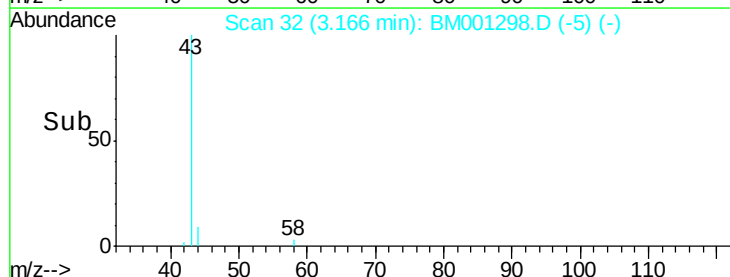
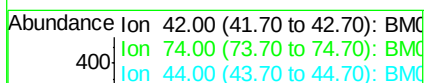
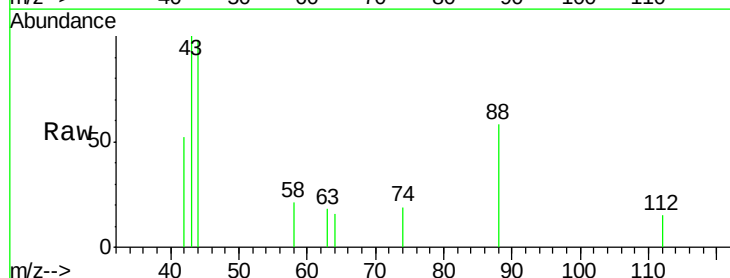
Tgt Ion: 42 Resp: 161

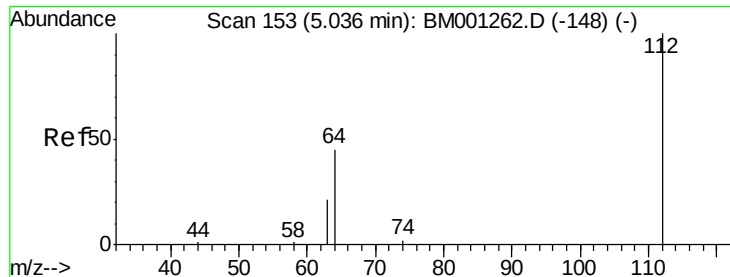
Ion Ratio Lower Upper

42 100

74 0.0 82.1 123.1#

44 116.8 3.0 4.4#





#4

2-Fluorophenol

Concen: 5.26 ng

RT: 5.02 min Scan# 152

Delta R.T. -0.02 min

Lab File: BM001298.D

Acq: 14 May 2015 18:59

Instrument :

BNA_M

ClientSampleId :

050715-P17-E-U-S

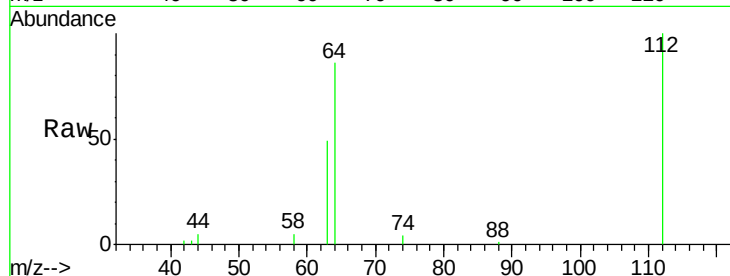
Tgt Ion: 112 Resp: 14573

Ion Ratio Lower Upper

112 100

64 64.4 50.8 76.2

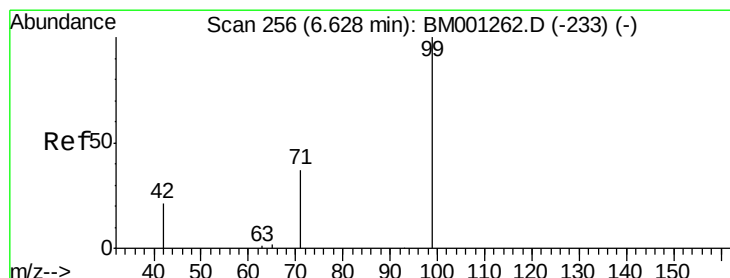
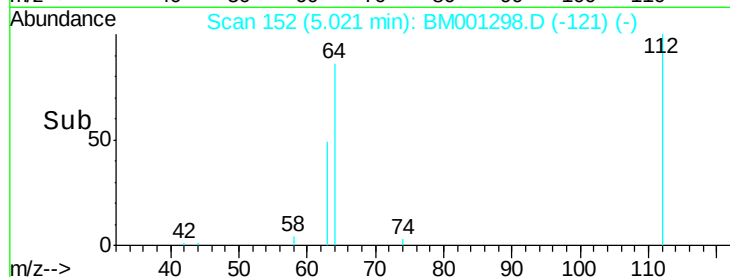
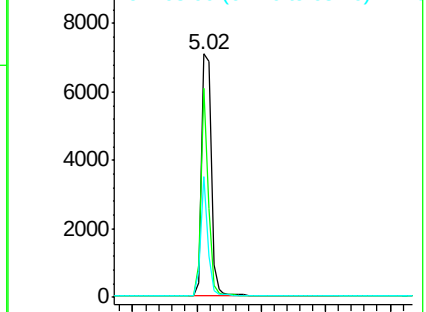
63 35.5 28.2 42.4



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: 3.59 ng

RT: 6.63 min Scan# 256

Delta R.T. 0.00 min

Lab File: BM001298.D

Acq: 14 May 2015 18:59

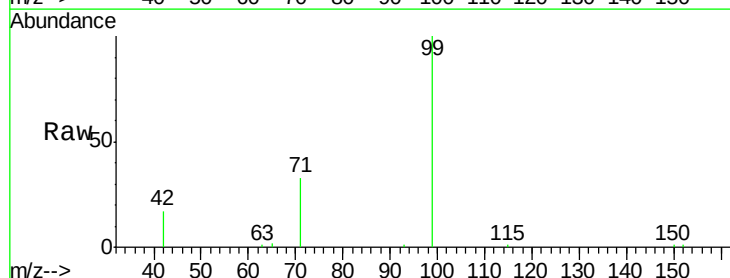
Tgt Ion: 99 Resp: 11222

Ion Ratio Lower Upper

99 100

42 24.0 19.9 29.9

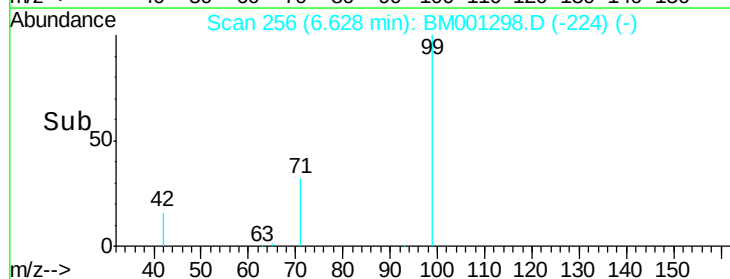
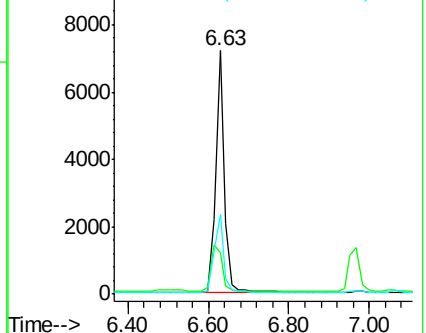
71 34.9 28.0 42.0

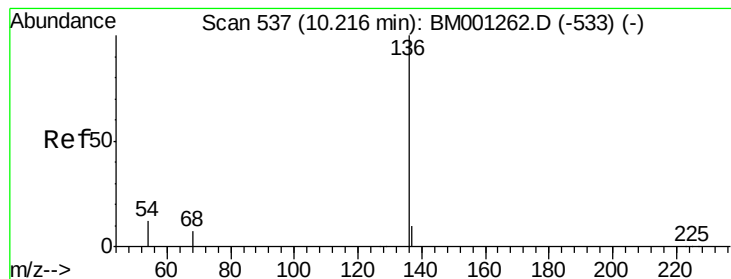


Abundance Ion 99.00 (98.70 to 99.70): BM0

Ion 42.00 (41.70 to 42.70): BM0

Ion 71.00 (70.70 to 71.70): BM0





#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.22 min Scan# 537

Delta R.T. 0.00 min

Lab File: BM001298.D

Acq: 14 May 2015 18:59

Instrument :

BNA_M

ClientSampleId :

050715-P17-E-U-S

Tgt Ion: 136 Resp: 50329

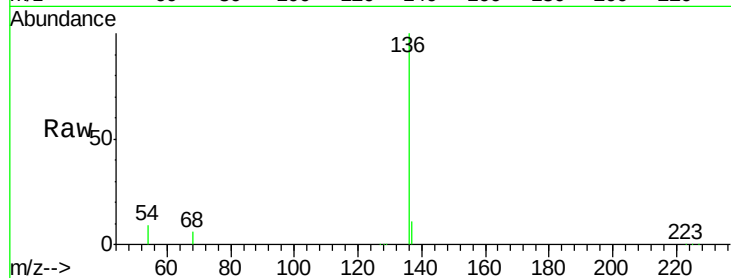
Ion Ratio Lower Upper

136 100

137 10.6 8.2 12.4

54 9.4 9.5 14.3#

68 5.7 5.5 8.3

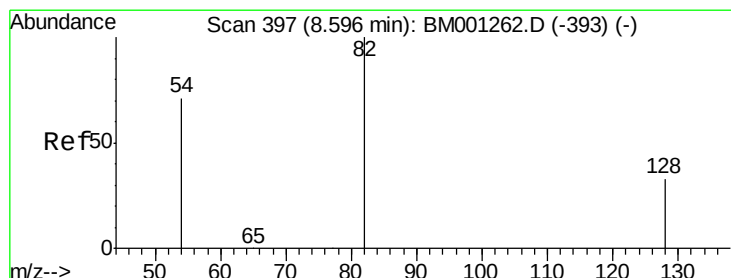
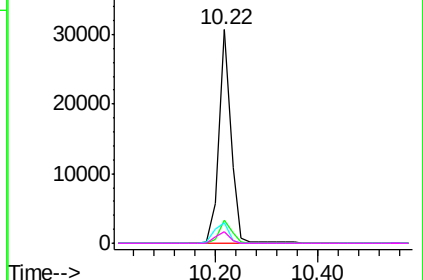
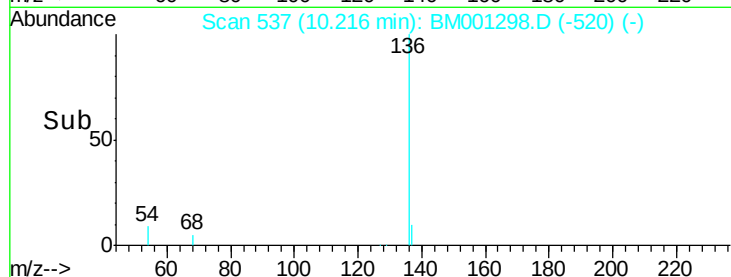


Abundance Ion 136.00 (135.70 to 136.70): E

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: 6.84 ng

RT: 8.60 min Scan# 397

Delta R.T. 0.00 min

Lab File: BM001298.D

Acq: 14 May 2015 18:59

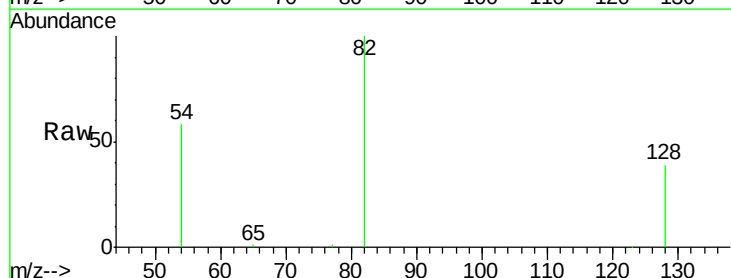
Tgt Ion: 82 Resp: 21863

Ion Ratio Lower Upper

82 100

128 38.8 28.0 42.0

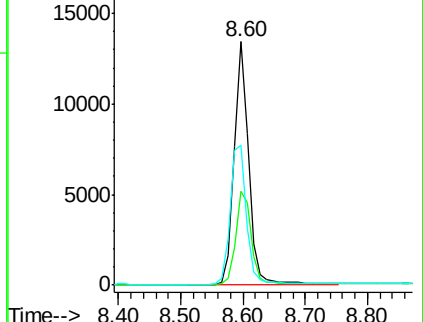
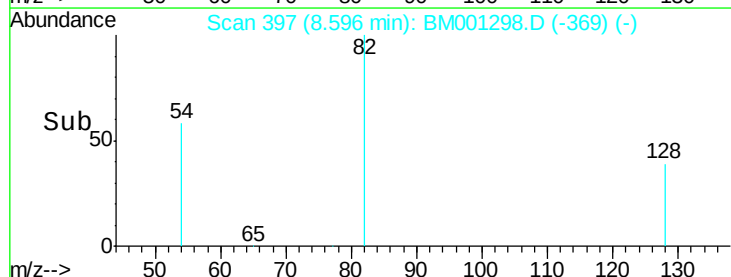
54 57.7 57.3 85.9

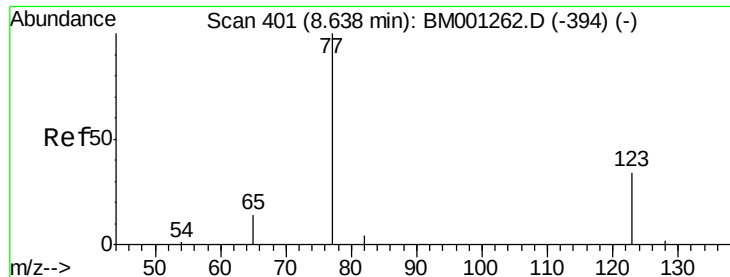


Abundance Ion 82.00 (81.70 to 82.70): BM

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM





#8

Nitrobenzene

Concen: 0.15 ng

RT: 8.60 min Scan# 397

Delta R.T. -0.04 min

Lab File: BM001298.D

Acq: 14 May 2015 18:59

Instrument :

BNA_M

ClientSampleId :

050715-P17-E-U-S

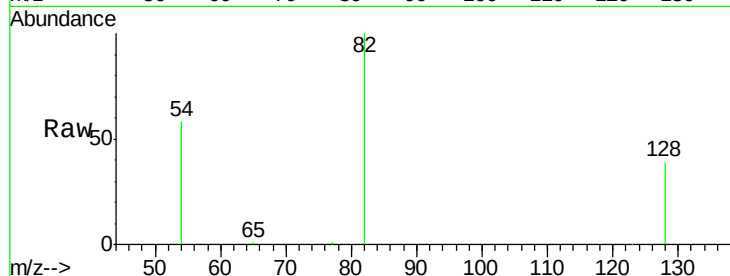
Tgt Ion: 77 Resp: 76

Ion Ratio Lower Upper

77 100

123 0.0 33.4 50.2#

65 53.9 10.6 15.8#



Abundance Ion 77.00 (76.70 to 77.70): BM001262.D (-394) (-)

Ion 123.00 (122.70 to 123.70): BM001262.D (-394) (-)

Ion 65.00 (64.70 to 65.70): BM001262.D (-394) (-)

Time-->

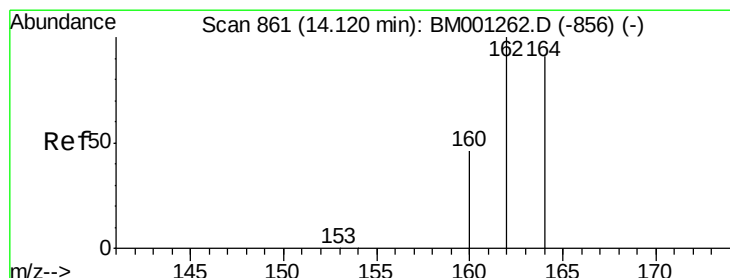
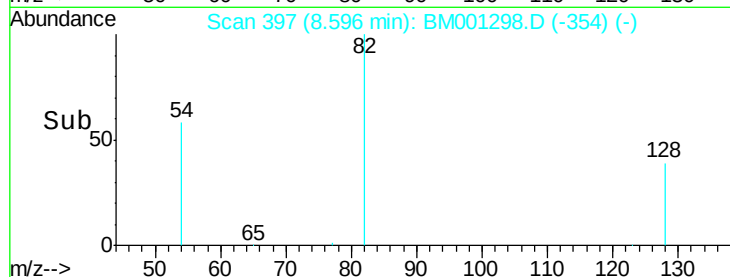
8.60

100

50

0

8.55 8.60 8.65 8.70



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.12 min Scan# 861

Delta R.T. 0.00 min

Lab File: BM001298.D

Acq: 14 May 2015 18:59

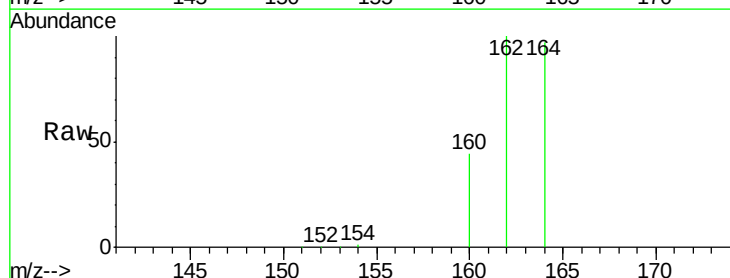
Tgt Ion: 164 Resp: 25657

Ion Ratio Lower Upper

164 100

162 102.7 87.9 131.9

160 45.3 40.9 61.3



Abundance Ion 164.00 (163.70 to 164.70): BM001262.D (-856) (-)

Ion 162.00 (161.70 to 162.70): BM001262.D (-856) (-)

Ion 160.00 (159.70 to 160.70): BM001262.D (-856) (-)

Time-->

14.12

25000

20000

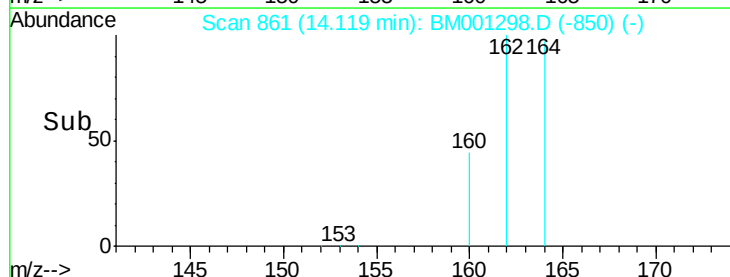
15000

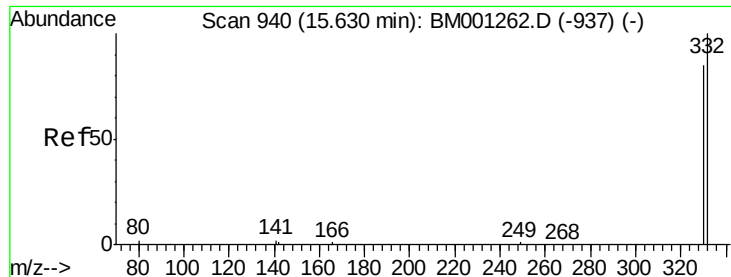
10000

5000

0

14.00 14.20

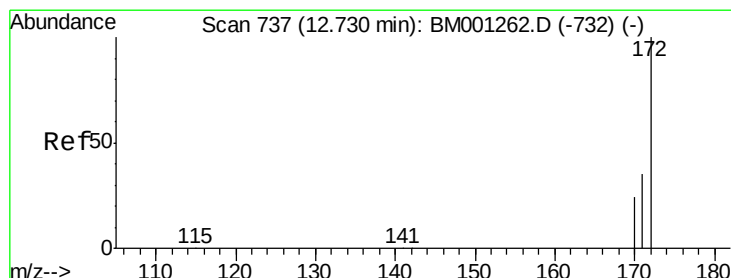
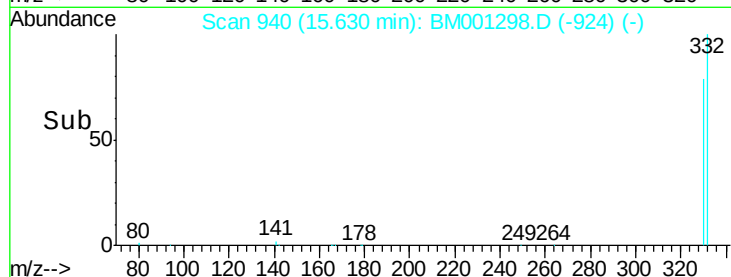
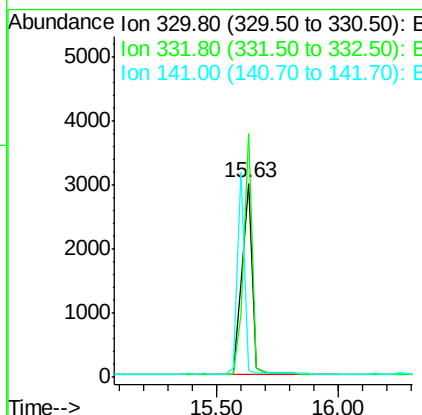
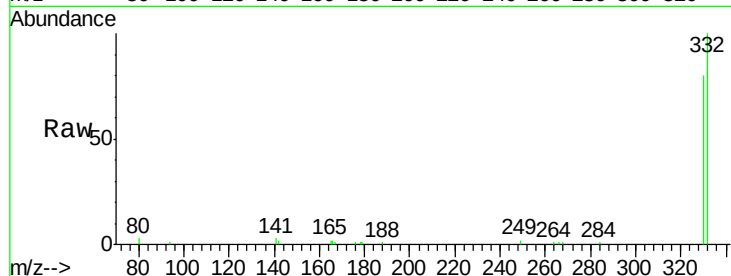




#13
 2,4,6-Tribromophenol
 Concen: 9.74 ng
 RT: 15.63 min Scan# 940
 Delta R.T. 0.00 min
 Lab File: BM001298.D
 Acq: 14 May 2015 18:59

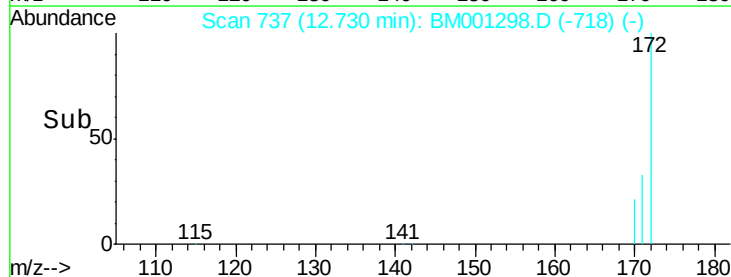
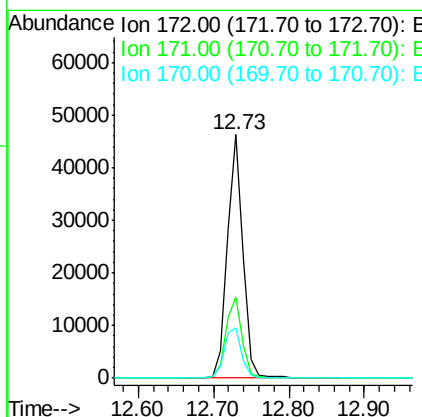
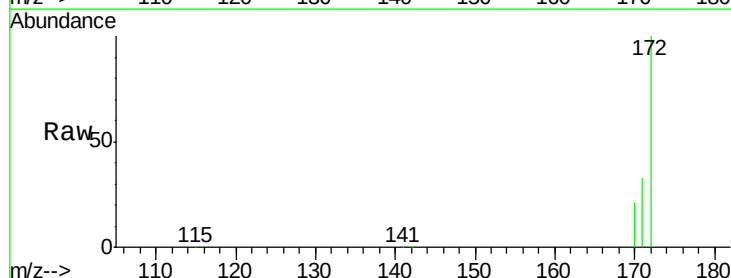
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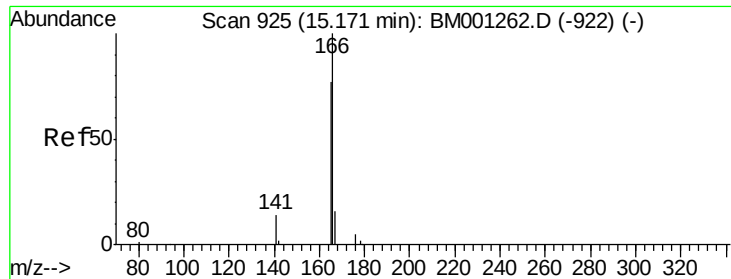
Tgt Ion:330 Resp: 8582
 Ion Ratio Lower Upper
 330 100
 332 105.9 89.0 133.4
 141 0.0 0.0 0.0



#14
 2-Fluorobiphenyl
 Concen: 8.44 ng
 RT: 12.73 min Scan# 737
 Delta R.T. 0.00 min
 Lab File: BM001298.D
 Acq: 14 May 2015 18:59

Tgt Ion:172 Resp: 67264
 Ion Ratio Lower Upper
 172 100
 171 33.1 28.7 43.1
 170 20.9 19.5 29.3

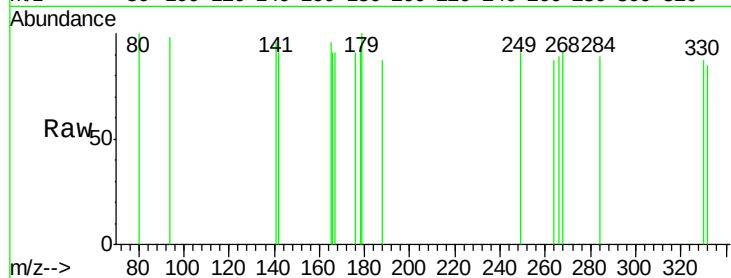




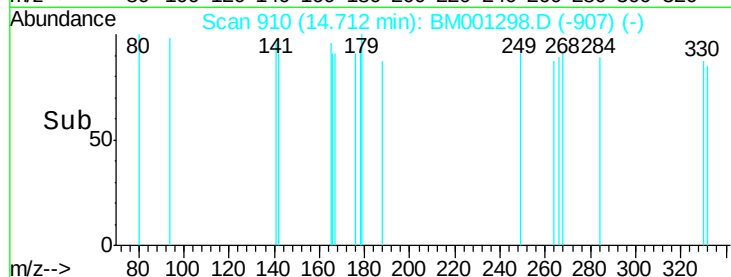
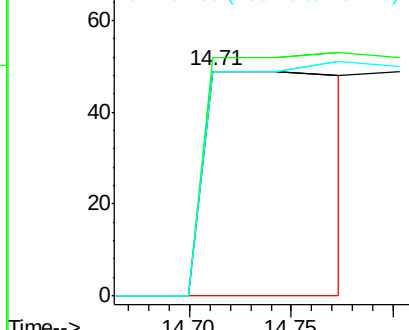
#17
Fluorene
 Concen: 0.03 ng
 RT: 14.71 min Scan# 910
 Delta R.T. -0.46 min
 Lab File: BM001298.D
 Acq: 14 May 2015 18:59

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

Tgt Ion:166 Resp: 214
 Ion Ratio Lower Upper
 166 100
 165 0.0 70.6 106.0#
 167 0.0 11.3 16.9#

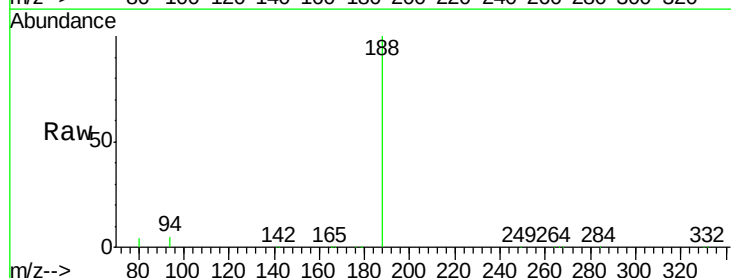
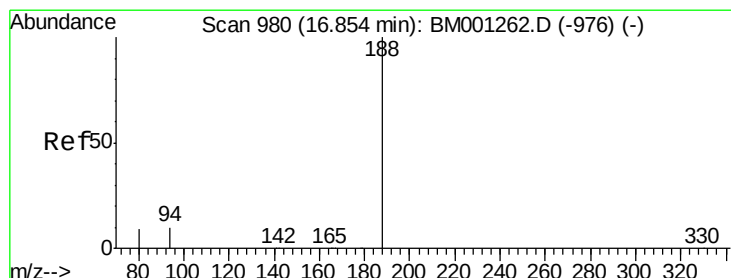


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

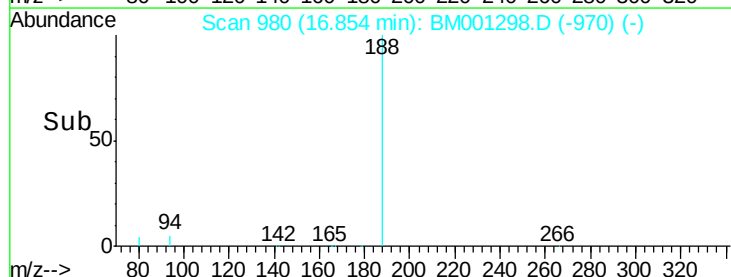
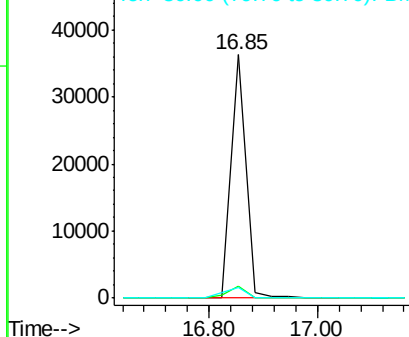


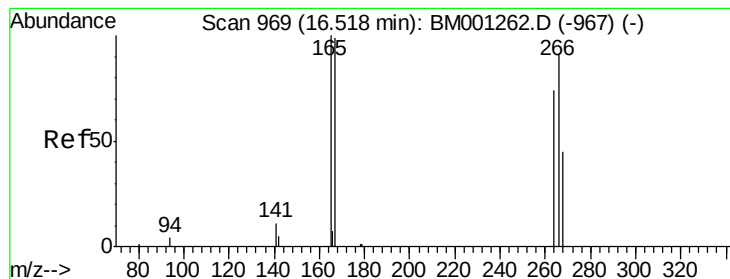
#18
Phenanthrene-d10
 Concen: 5.00 ng
 RT: 16.85 min Scan# 980
 Delta R.T. 0.00 min
 Lab File: BM001298.D
 Acq: 14 May 2015 18:59

Tgt Ion:188 Resp: 68922
 Ion Ratio Lower Upper
 188 100
 94 4.7 7.8 11.8#
 80 4.3 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





#20

Pentachlorophenol

Concen: 0.42 ng

RT: 16.52 min Scan# 969

Delta R.T. 0.00 min

Lab File: BM001298.D

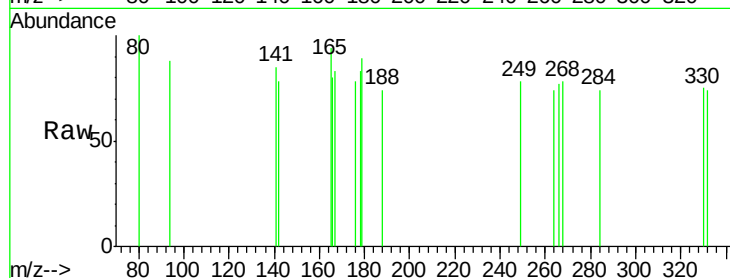
Acq: 14 May 2015 18:59

Instrument :

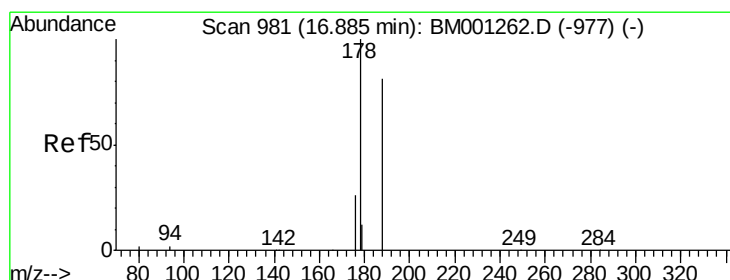
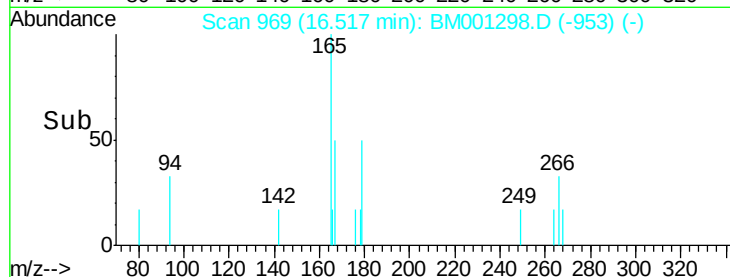
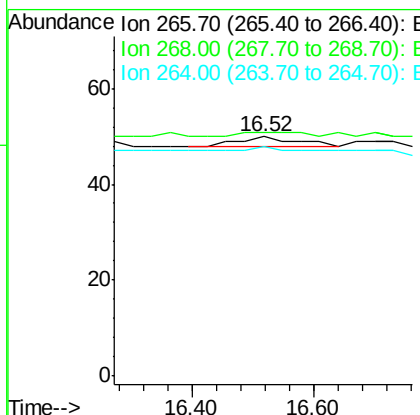
BNA_M

ClientSampleId :

050715-P17-E-U-S



Tgt Ion:	266	Resp:	13
Ion	Ratio	Lower	Upper
266	100		
268	102.0	49.4	74.0#
264	96.0	67.8	101.6



#21

Phenanthrene

Concen: 0.02 ng

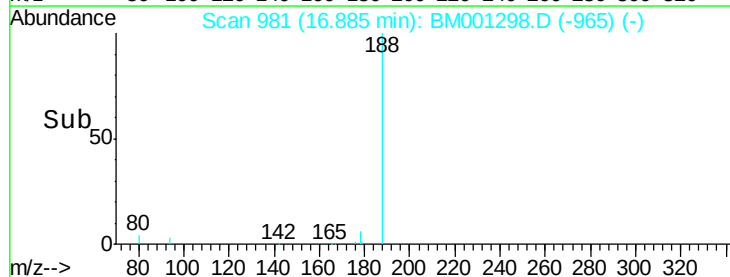
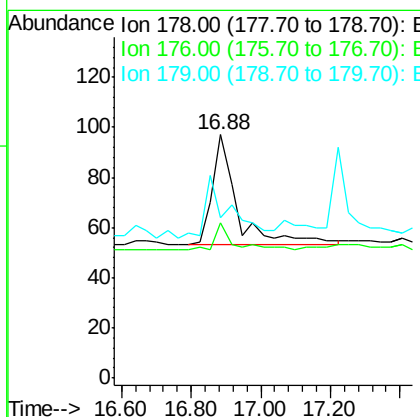
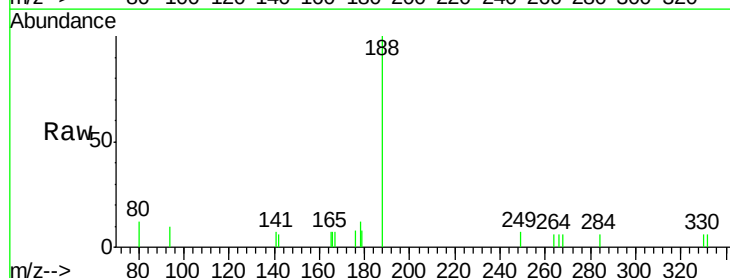
RT: 16.88 min Scan# 981

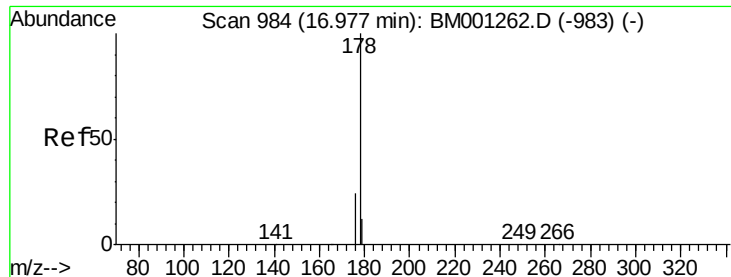
Delta R.T. 0.00 min

Lab File: BM001298.D

Acq: 14 May 2015 18:59

Tgt Ion:	178	Resp:	226
Ion	Ratio	Lower	Upper
178	100		
176	16.4	15.9	23.9
179	0.0	0.0	0.0





#22

Anthracene

Concen: 0.02 ng

RT: 16.88 min Scan# 981

Delta R.T. -0.09 min

Lab File: BM001298.D

Acq: 14 May 2015 18:59

Instrument :

BNA_M

ClientSampleId :

050715-P17-E-U-S

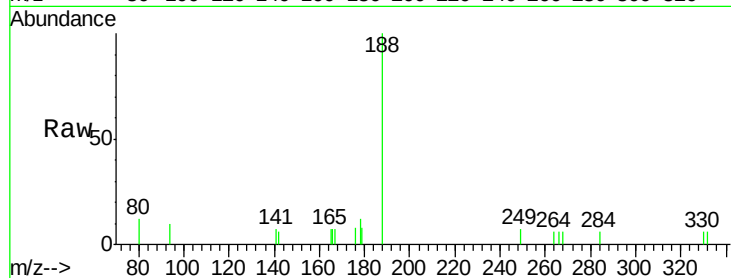
Tgt Ion:178 Resp: 226

Ion Ratio Lower Upper

178 100

176 16.4 15.3 22.9

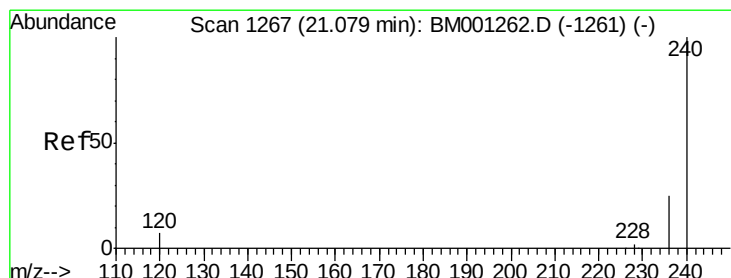
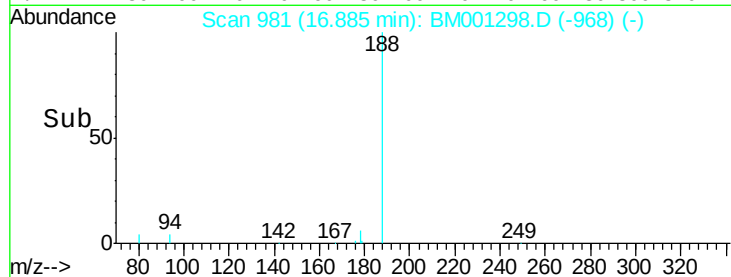
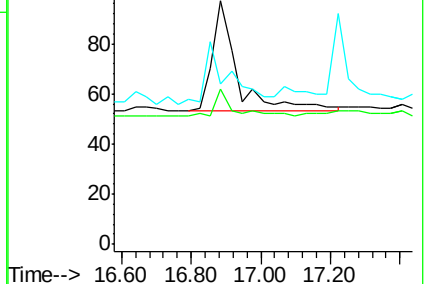
179 0.0 0.0 0.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Chrysene-d12

Concen: 5.00 ng

RT: 21.07 min Scan# 1266

Delta R.T. -0.01 min

Lab File: BM001298.D

Acq: 14 May 2015 18:59

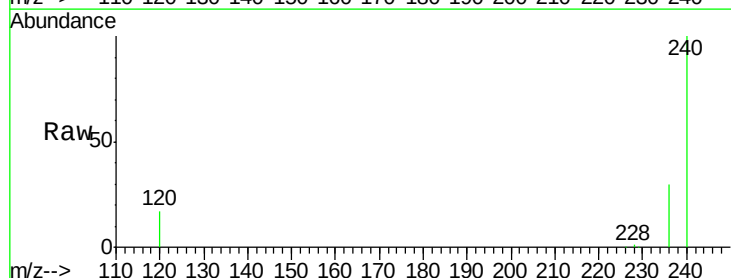
Tgt Ion:240 Resp: 44633

Ion Ratio Lower Upper

240 100

120 16.5 5.5 8.3#

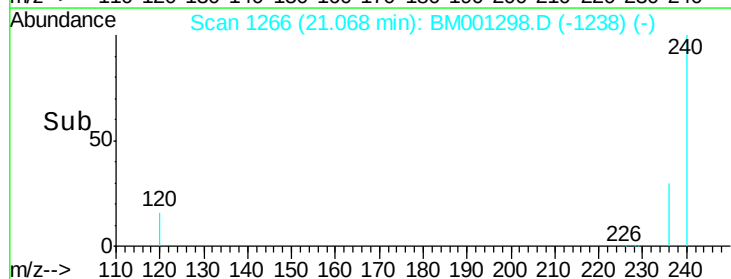
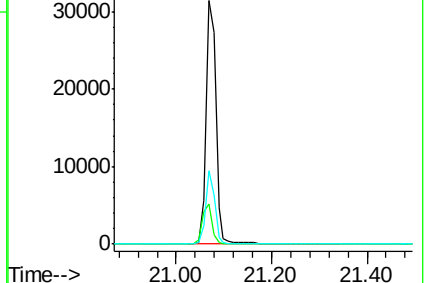
236 30.3 20.4 30.6

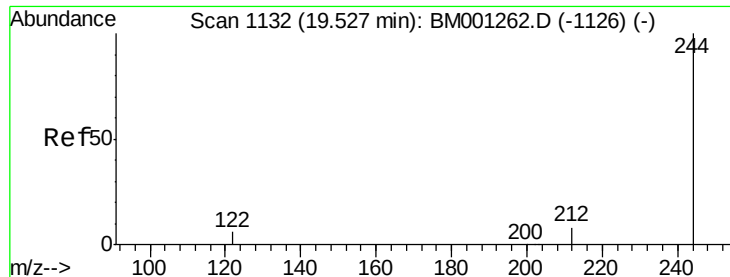


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#26

Terphenyl-d14

Concen: 9.34 ng

RT: 19.51 min Scan# 1131

Delta R.T. 0.00 min

Lab File: BM001298.D

Acq: 14 May 2015 18:59

Instrument :

BNA_M

ClientSampleId :

050715-P17-E-U-S

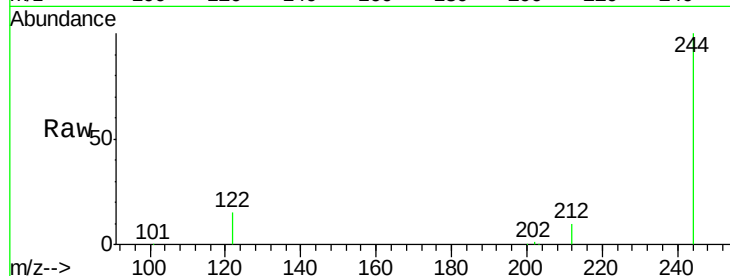
Tgt Ion:244 Resp: 55985

Ion Ratio Lower Upper

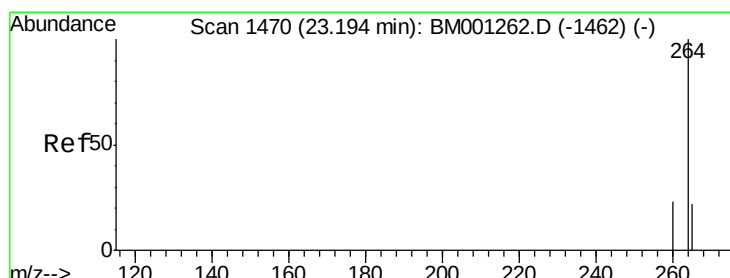
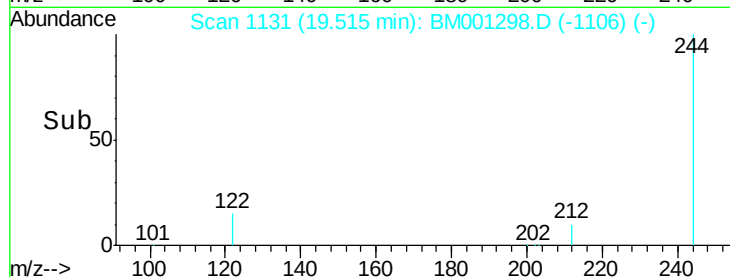
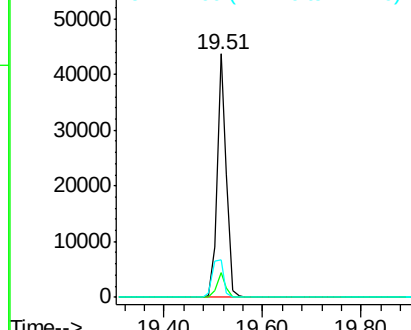
244 100

212 10.0 7.2 10.8

122 15.3 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



#30

Perylene-d12

Concen: 5.00 ng

RT: 23.18 min Scan# 1469

Delta R.T. 0.00 min

Lab File: BM001298.D

Acq: 14 May 2015 18:59

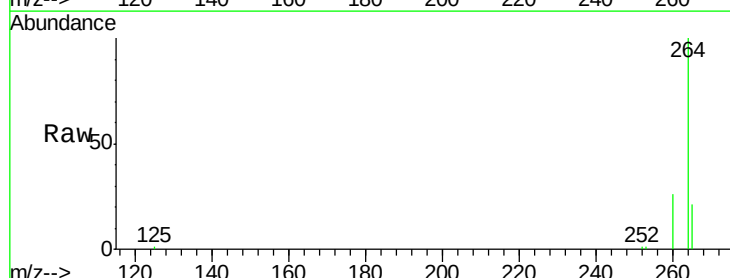
Tgt Ion:264 Resp: 42482

Ion Ratio Lower Upper

264 100

260 25.7 18.9 28.3

265 21.3 18.1 27.1



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

