

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051615\
 Data File : BM001302.D
 Acq On : 14 May 2015 21:22
 Operator : TP/IZ
 Sample : G2210-08
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 050815-P17-E-U-S

Quant Time: May 15 05:32:34 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

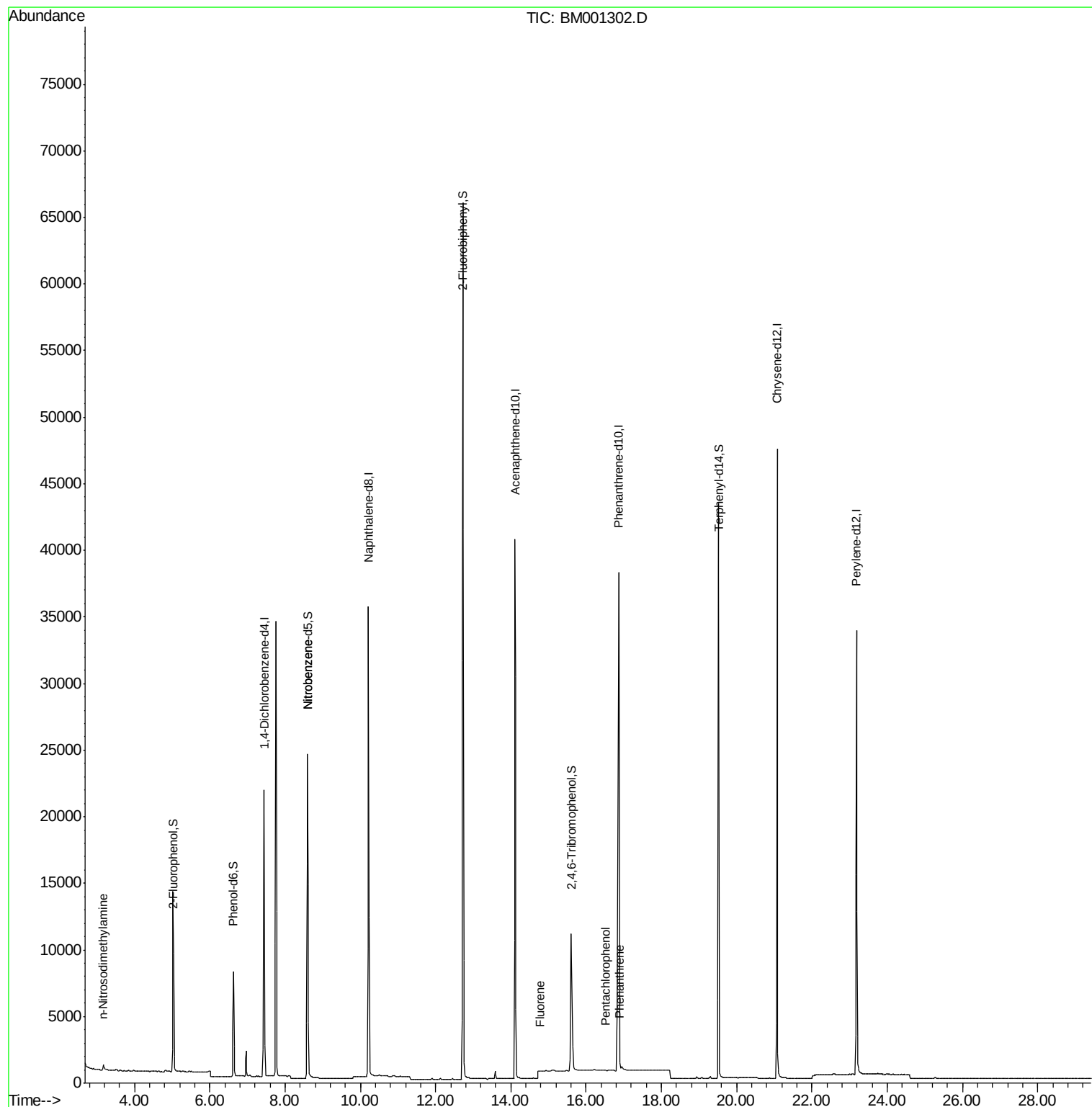
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	13620	5.00	ng	0.00
6) Naphthalene-d8	10.22	136	47381	5.00	ng	0.00
12) Acenaphthene-d10	14.11	164	24867	5.00	ng	0.00
18) Phenanthrene-d10	16.86	188	69480	5.00	ng	0.00
24) Chrysene-d12	21.07	240	44039	5.00	ng	0.00
30) Perylene-d12	23.18	264	42075	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.04	112	11647	4.39	ng	0.00
5) Phenol-d6	6.63	99	8233	2.75	ng	0.00
7) Nitrobenzene-d5	8.60	82	20731	6.89	ng	0.00
13) 2,4,6-Tribromophenol	15.61	330	9966	11.66	ng	-0.02
14) 2-Fluorobiphenyl	12.73	172	61458	7.96	ng	0.00
26) Terphenyl-d14	19.52	244	51747	8.75	ng	0.00
Target Compounds						
3) n-Nitrosodimethylamine	3.17	42	166	0.11	ng	# 1
8) Nitrobenzene	8.60	77	82	0.16	ng	# 27
17) Fluorene	14.78	166	397	0.07	ng	# 51
20) Pentachlorophenol	16.52	266	6	0.42	ng	# 71
21) Phenanthrene	16.89	178	261	0.02	ng	# 96

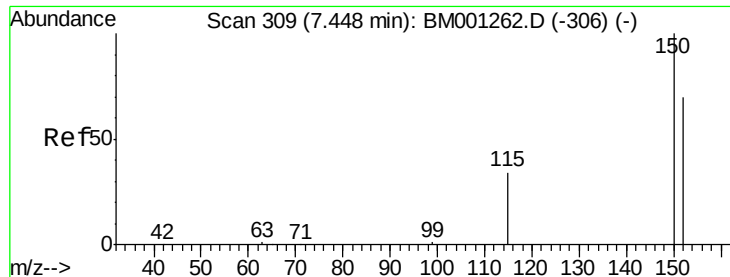
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BM001302.D

Acq: 14 May 2015 21:22

Instrument :

BNA_M

ClientSampleId :

050815-P17-E-U-S

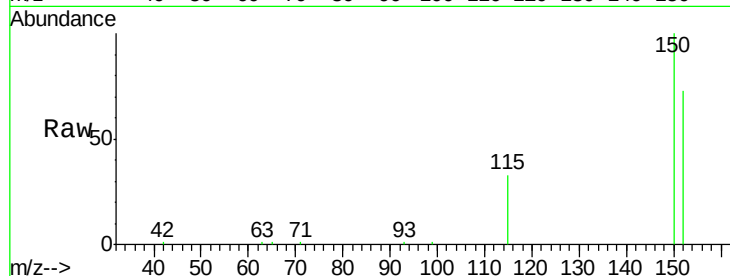
Tgt Ion: 152 Resp: 13620

Ion Ratio Lower Upper

152 100

150 136.2 114.6 172.0

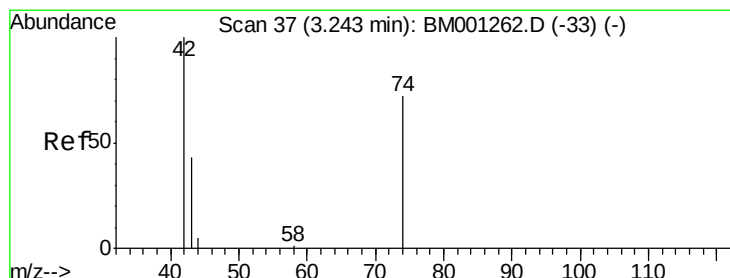
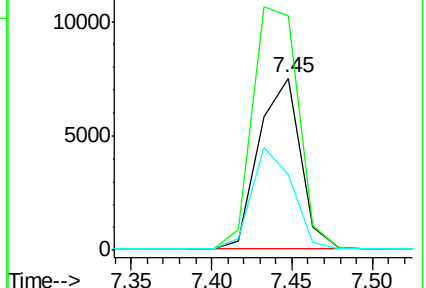
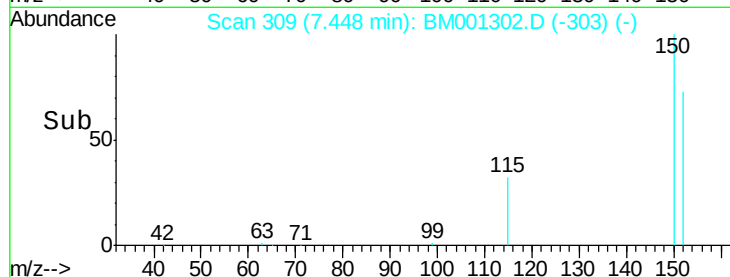
115 44.3 39.3 58.9



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



#3

n-Nitrosodimethylamine

Concen: 0.11 ng

RT: 3.17 min Scan# 32

Delta R.T. -0.08 min

Lab File: BM001302.D

Acq: 14 May 2015 21:22

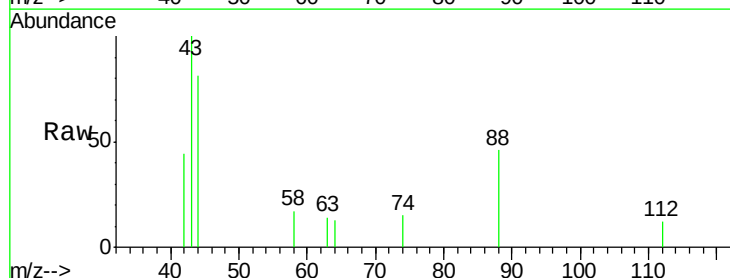
Tgt Ion: 42 Resp: 166

Ion Ratio Lower Upper

42 100

74 5.4 82.1 123.1#

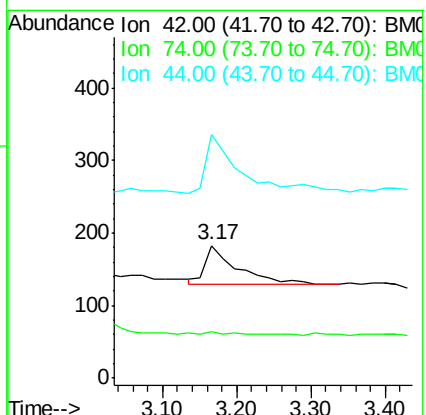
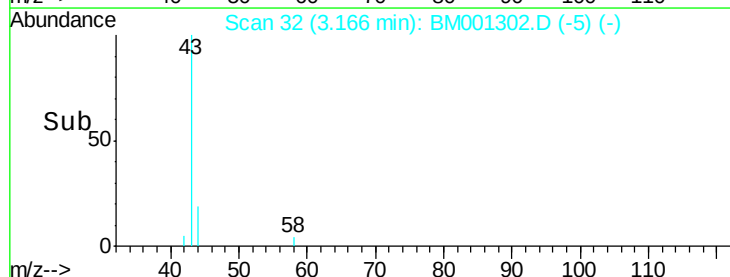
44 141.0 3.0 4.4#

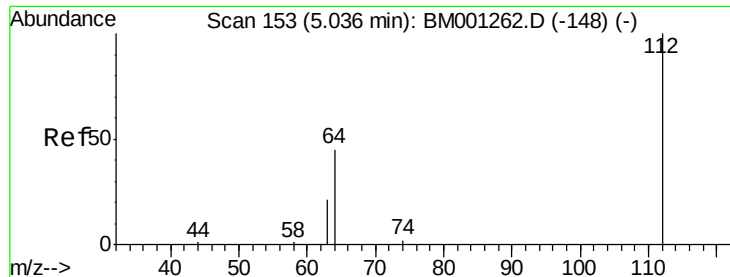


Abundance Ion 42.00 (41.70 to 42.70): BM0

Ion 74.00 (73.70 to 74.70): BM0

Ion 44.00 (43.70 to 44.70): BM0





#4

2-Fluorophenol

Concen: 4.39 ng

RT: 5.04 min Scan# 153

Delta R.T. 0.00 min

Lab File: BM001302.D

Acq: 14 May 2015 21:22

Instrument :

BNA_M

ClientSampleId :

050815-P17-E-U-S

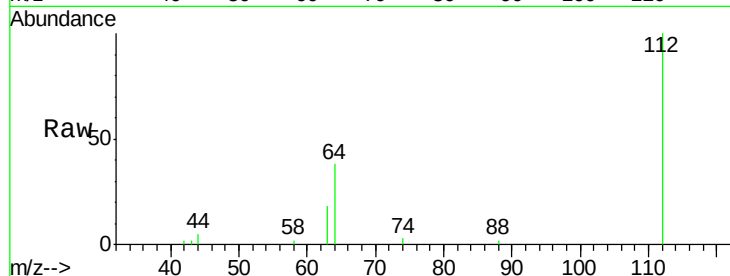
Tgt Ion: 112 Resp: 11647

Ion Ratio Lower Upper

112 100

64 63.9 50.8 76.2

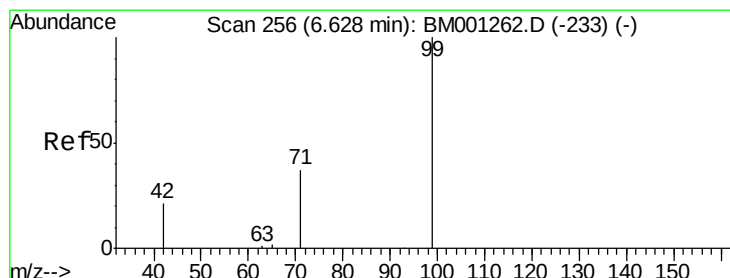
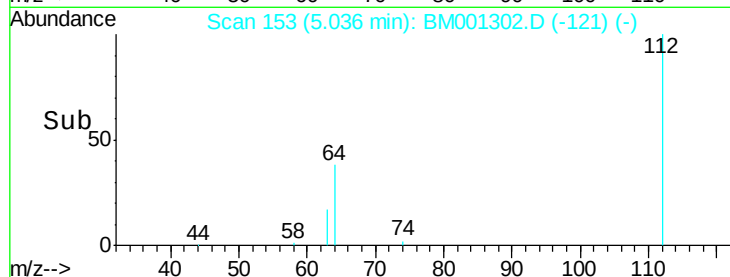
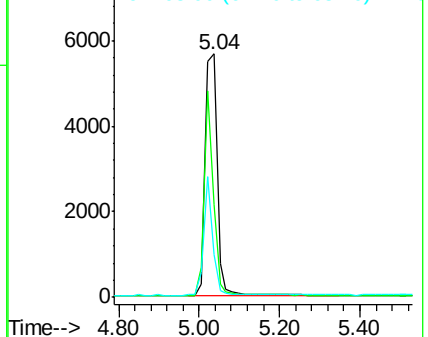
63 35.9 28.2 42.4



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: 2.75 ng

RT: 6.63 min Scan# 256

Delta R.T. 0.00 min

Lab File: BM001302.D

Acq: 14 May 2015 21:22

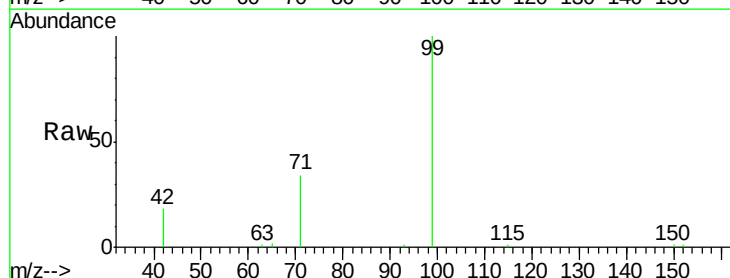
Tgt Ion: 99 Resp: 8233

Ion Ratio Lower Upper

99 100

42 24.0 19.9 29.9

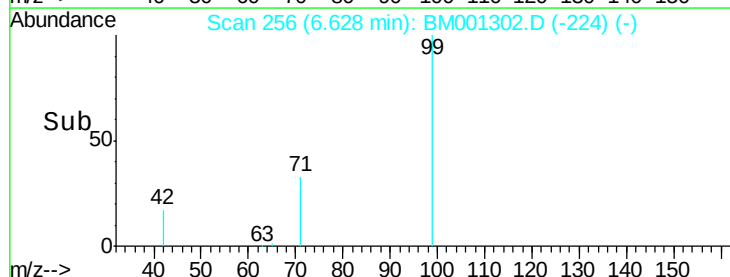
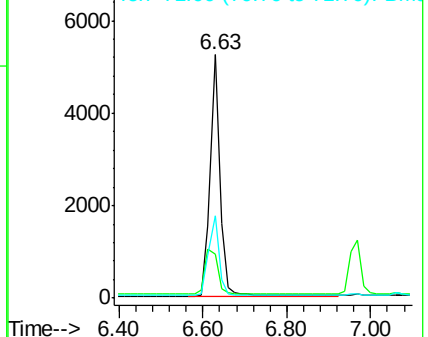
71 35.4 28.0 42.0

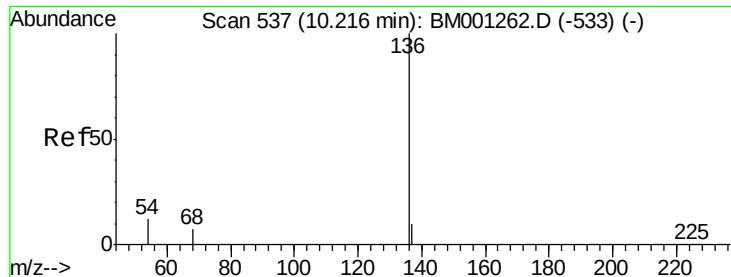


Abundance Ion 99.00 (98.70 to 99.70): BM0

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: BM001302.D

Acq: 14 May 2015 21:22

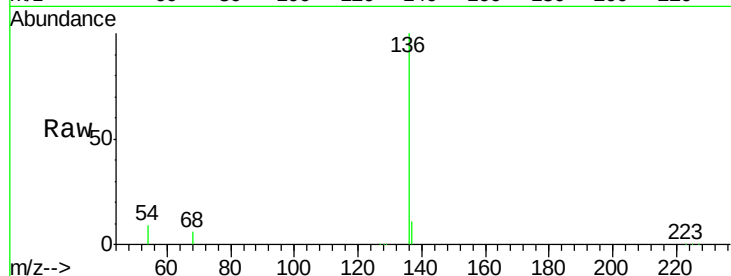
Instrument :

BNA_M

ClientSampleId :

050815-P17-E-U-S

Tgt Ion:	136	Resp:	47381
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.2	12.4
54	9.4	9.5	14.3#
68	5.7	5.5	8.3

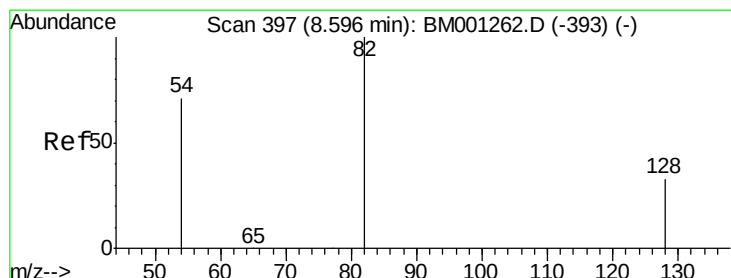
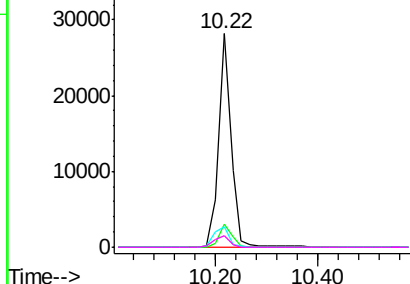
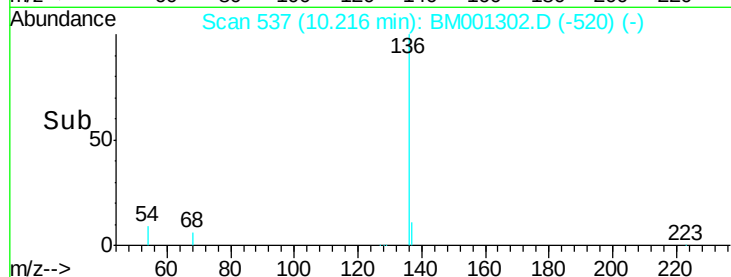


Abundance Ion 136.00 (135.70 to 136.70): E

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: 6.89 ng

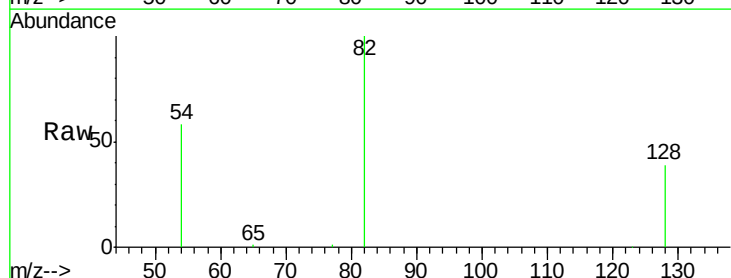
RT: 8.60 min Scan# 397

Delta R.T. 0.00 min

Lab File: BM001302.D

Acq: 14 May 2015 21:22

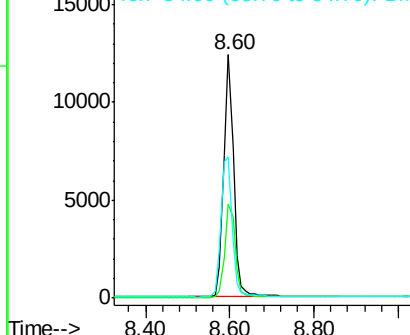
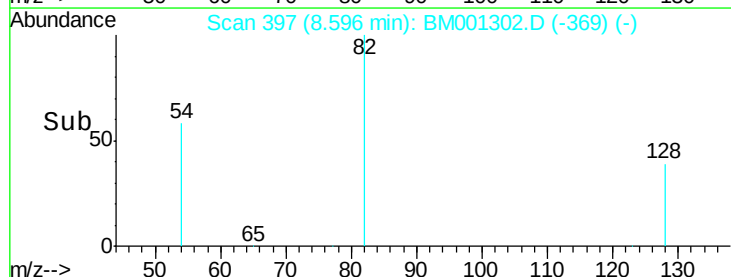
Tgt Ion:	82	Resp:	20731
Ion	Ratio	Lower	Upper
82	100		
128	38.8	28.0	42.0
54	58.1	57.3	85.9

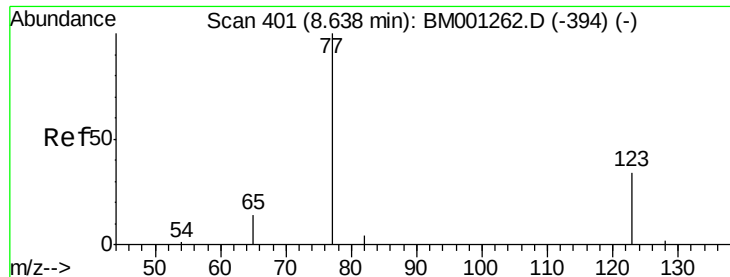


Abundance Ion 82.00 (81.70 to 82.70): BM

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: BM001302.D

Acq: 14 May 2015 21:22

Instrument :

BNA_M

ClientSampleId :

050815-P17-E-U-S

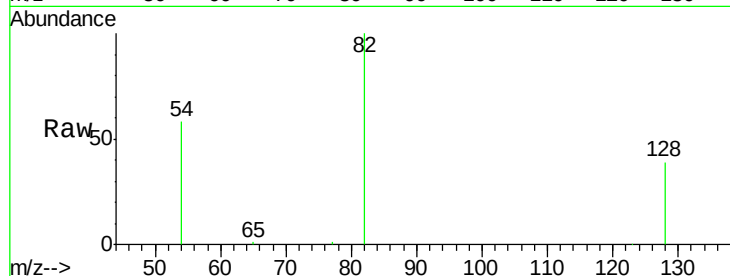
Tgt Ion: 77 Resp: 82

Ion Ratio Lower Upper

77 100

123 0.0 33.4 50.2#

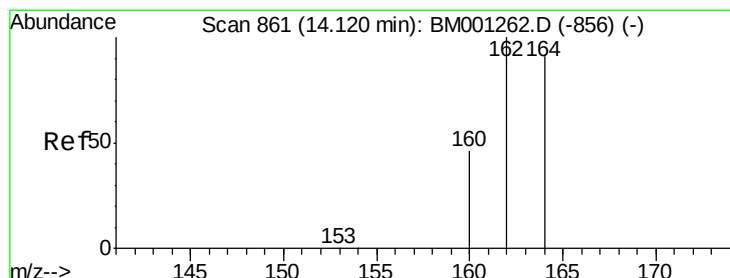
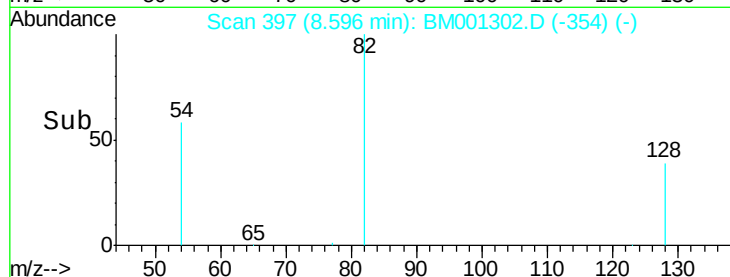
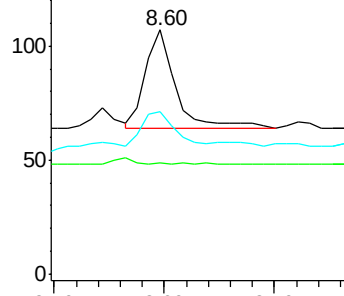
65 51.2 10.6 15.8#



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) (-)



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.11 min Scan# 860

Delta R.T. -0.01 min

Lab File: BM001302.D

Acq: 14 May 2015 21:22

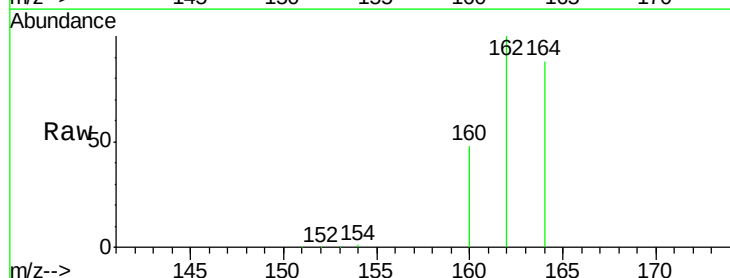
Tgt Ion: 164 Resp: 24867

Ion Ratio Lower Upper

164 100

162 113.2 87.9 131.9

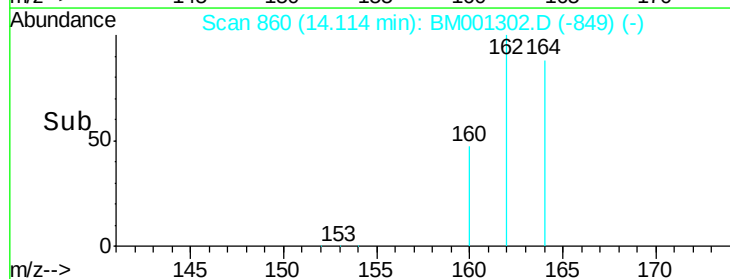
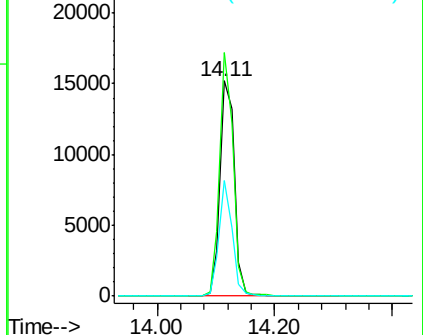
160 53.8 40.9 61.3

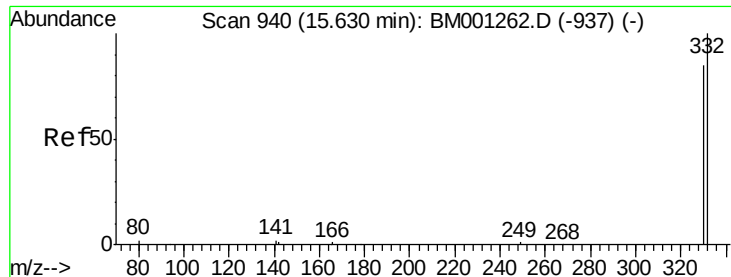


Abundance Ion 164.00 (163.70 to 164.70): BM001262.D (-856) (-)

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

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

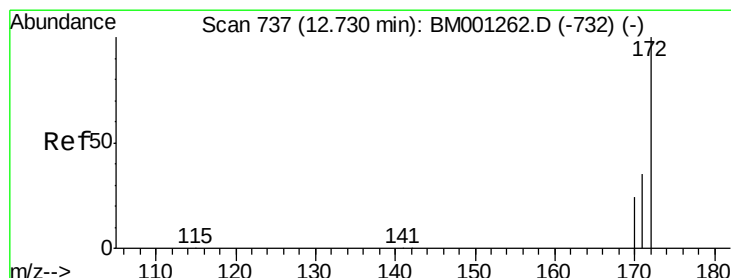
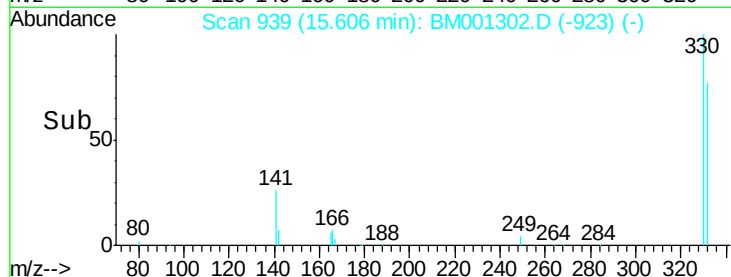
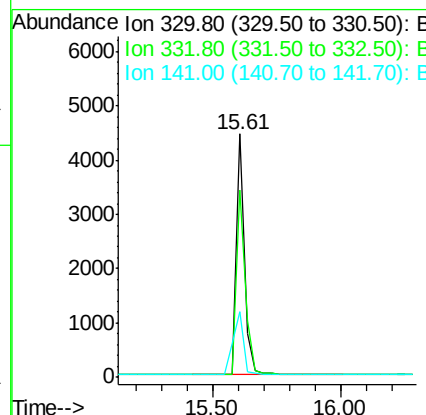
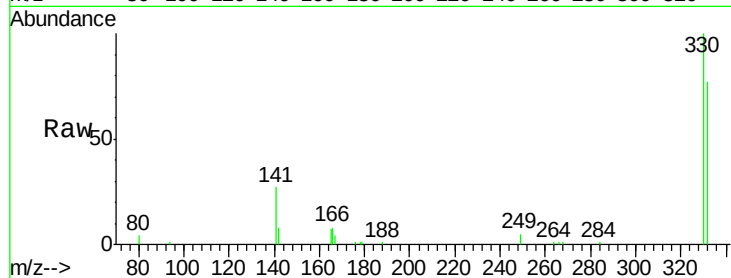




#13
 2,4,6-Tribromophenol
 Concen: 11.66 ng
 RT: 15.61 min Scan# 939
 Delta R.T. -0.02 min
 Lab File: BM001302.D
 Acq: 14 May 2015 21:22

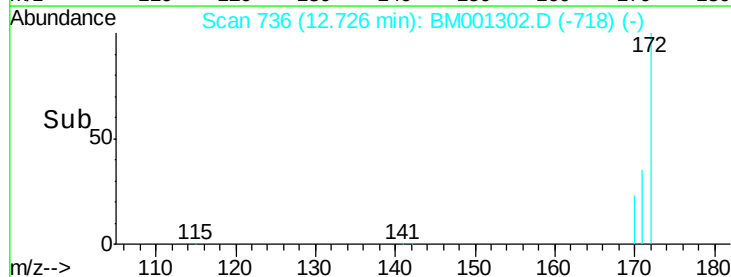
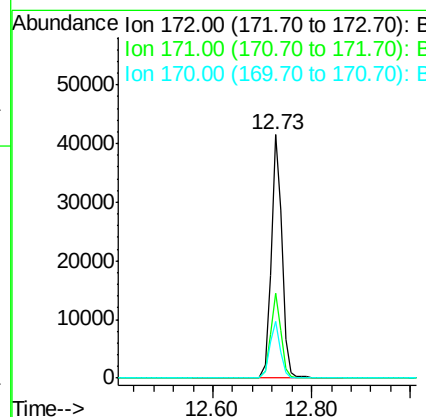
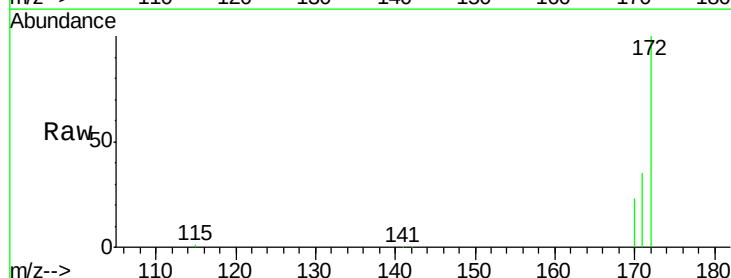
Instrument :
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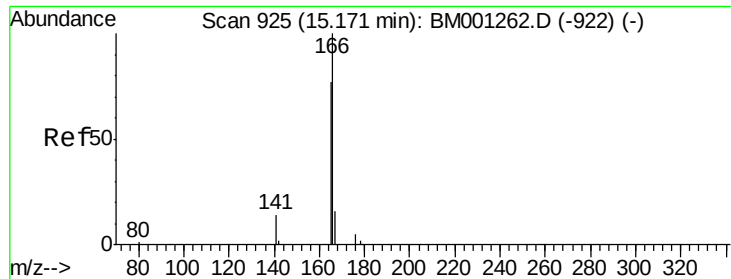
Tgt Ion:330 Resp: 9966
 Ion Ratio Lower Upper
 330 100
 332 85.3 89.0 133.4#
 141 33.9 0.0 0.0#



#14
 2-Fluorobiphenyl
 Concen: 7.96 ng
 RT: 12.73 min Scan# 736
 Delta R.T. -0.00 min
 Lab File: BM001302.D
 Acq: 14 May 2015 21:22

Tgt Ion:172 Resp: 61458
 Ion Ratio Lower Upper
 172 100
 171 34.9 28.7 43.1
 170 23.4 19.5 29.3





#17

Fluorene

Concen: 0.07 ng

RT: 14.78 min Scan# 912

Delta R.T. -0.39 min

Lab File: BM001302.D

Acq: 14 May 2015 21:22

Instrument :

BNA_M

ClientSampleId :

050815-P17-E-U-S

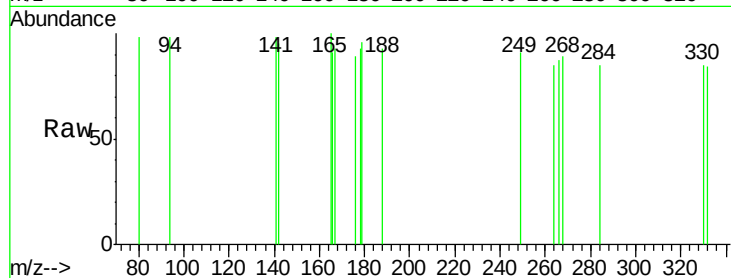
Tgt Ion:166 Resp: 397

Ion Ratio Lower Upper

166 100

165 109.3 70.6 106.0#

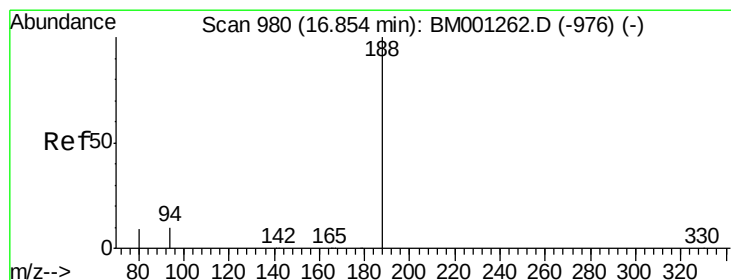
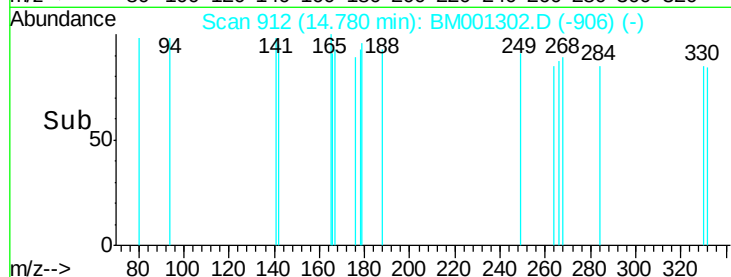
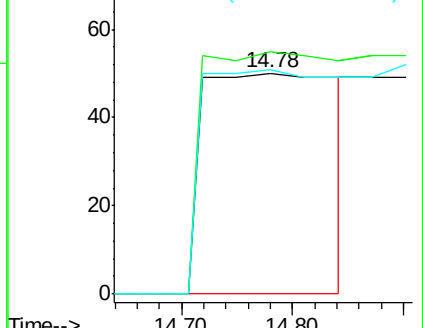
167 101.3 11.3 16.9#



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: 16.86 min Scan# 980

Delta R.T. 0.01 min

Lab File: BM001302.D

Acq: 14 May 2015 21:22

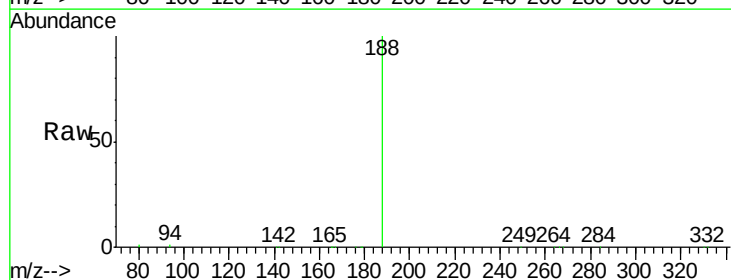
Tgt Ion:188 Resp: 69480

Ion Ratio Lower Upper

188 100

94 1.3 7.8 11.8#

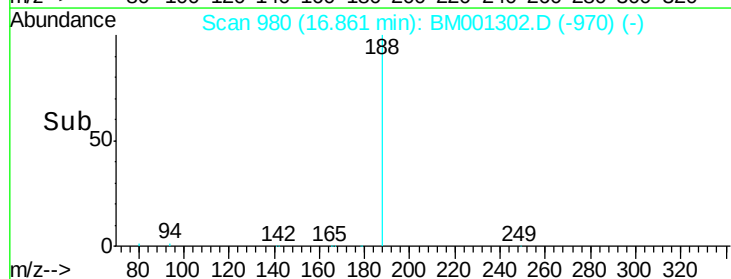
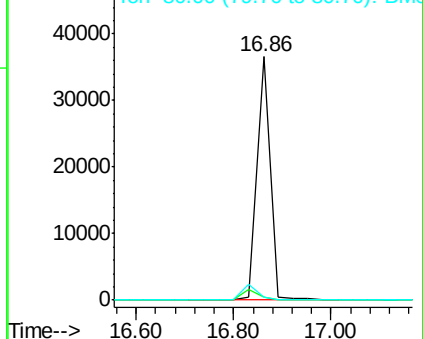
80 1.1 7.5 11.3#

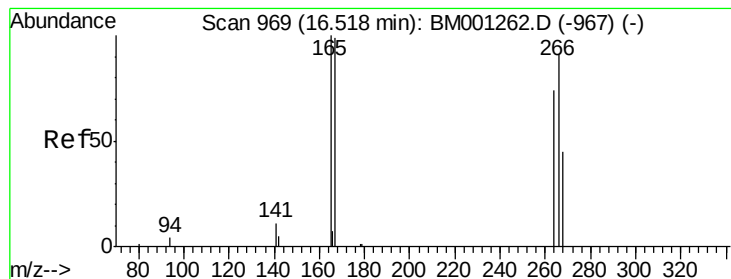


Abundance Ion 188.00 (187.70 to 188.70): E

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. 0.01 min

Lab File: BM001302.D

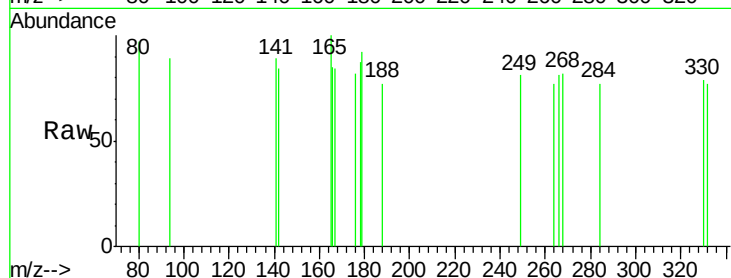
Acq: 14 May 2015 21:22

Instrument :

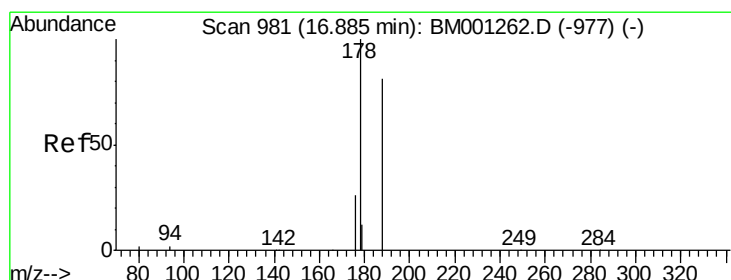
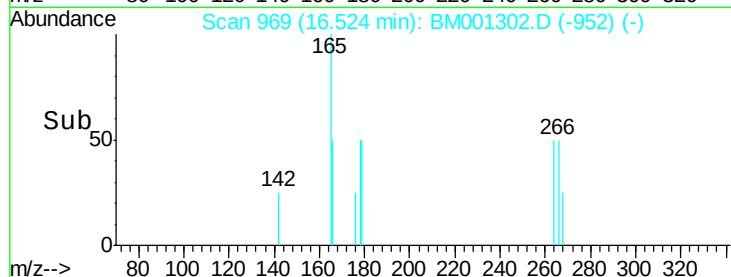
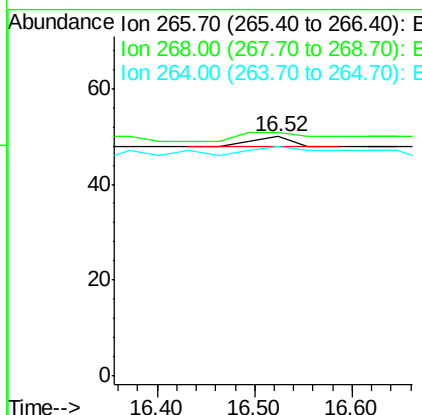
BNA_M

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Tgt Ion:	266	Resp:	6
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

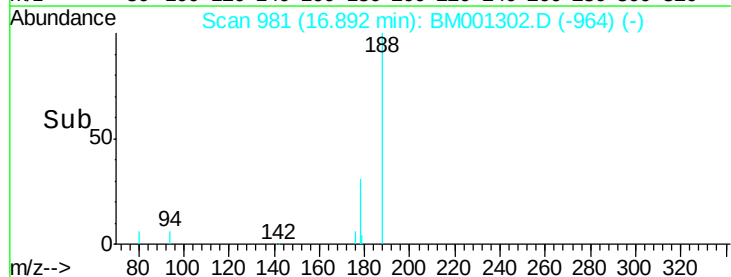
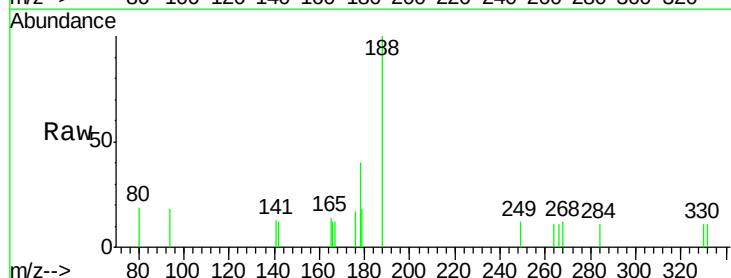
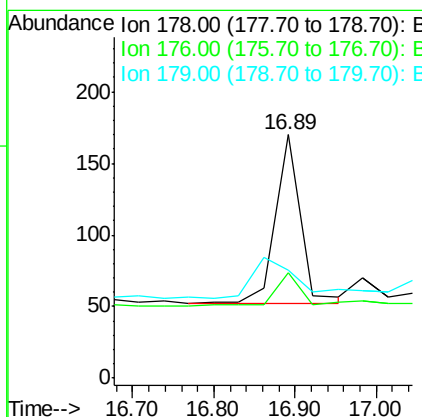
RT: 16.89 min Scan# 981

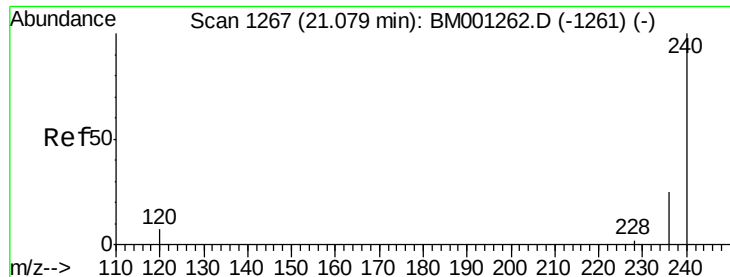
Delta R.T. 0.01 min

Lab File: BM001302.D

Acq: 14 May 2015 21:22

Tgt Ion:	178	Resp:	261
Ion	Ratio	Lower	Upper
178	100		
176	21.8	15.9	23.9
179	0.0	0.0	0.0





#24

Chrysene-d12

Concen: 5.00 ng

RT: 21.07 min Scan# 1266

Delta R.T. -0.01 min

Lab File: BM001302.D

Acq: 14 May 2015 21:22

Instrument :

BNA_M

ClientSampleId :

050815-P17-E-U-S

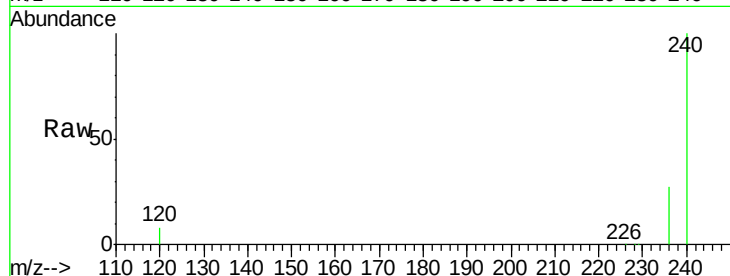
Tgt Ion:240 Resp: 44039

Ion Ratio Lower Upper

240 100

120 8.2 5.5 8.3

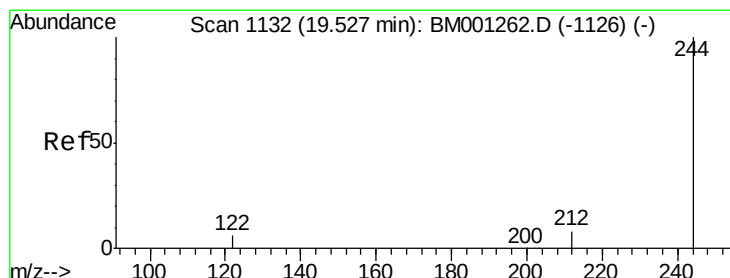
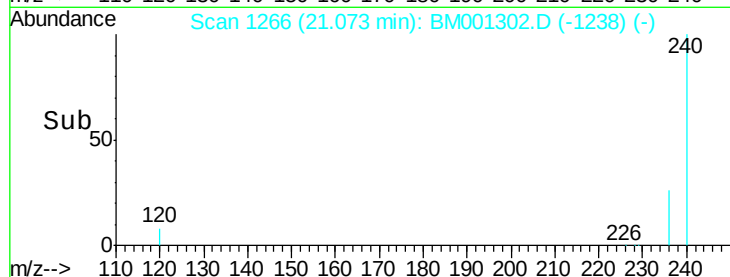
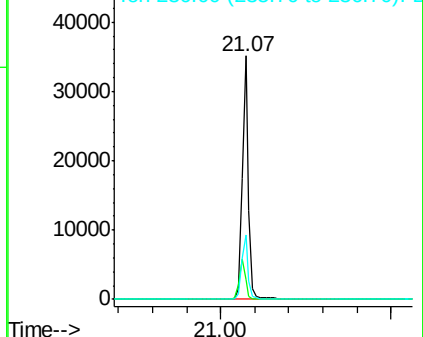
236 26.5 20.4 30.6



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



#26

Terphenyl-d14

Concen: 8.75 ng

RT: 19.52 min Scan# 1131

Delta R.T. 0.01 min

Lab File: BM001302.D

Acq: 14 May 2015 21:22

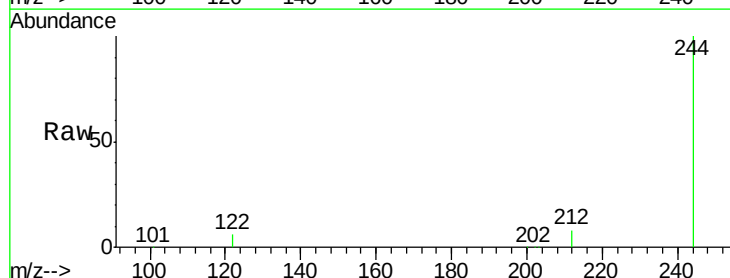
Tgt Ion:244 Resp: 51747

Ion Ratio Lower Upper

244 100

212 8.2 7.2 10.8

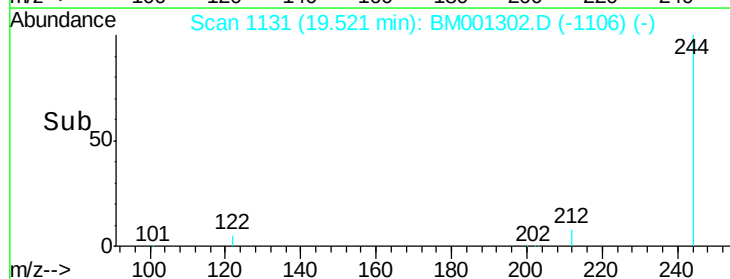
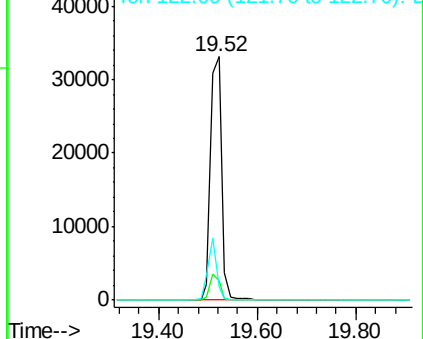
122 5.6 5.6 8.4#

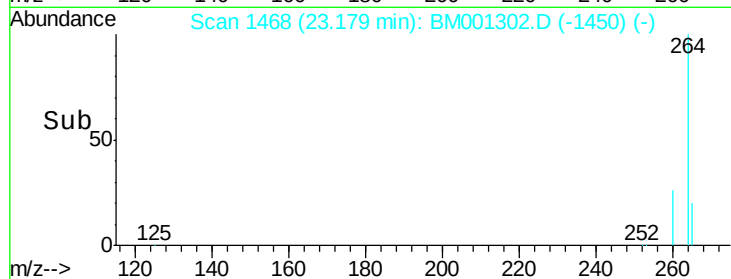
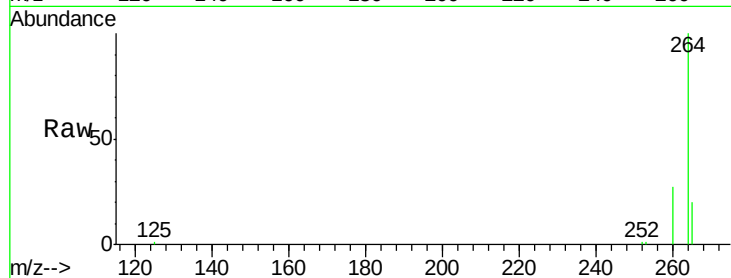
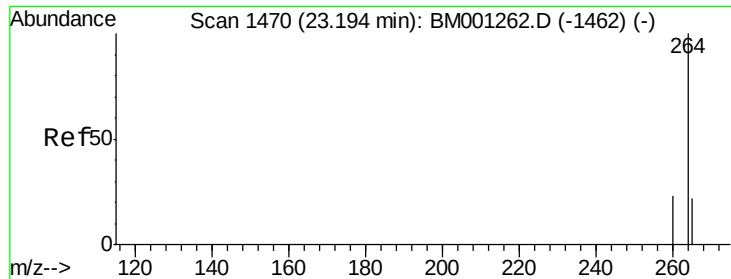


Abundance Ion 244.00 (243.70 to 244.70): E

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# 1468

Delta R.T. -0.01 min

Lab File: BM001302.D

Acq: 14 May 2015 21:22

Instrument :

BNA_M

ClientSampleId :

050815-P17-E-U-S

Tgt Ion:264 Resp: 42075

Ion Ratio Lower Upper

264 100

260 26.5 18.9 28.3

265 20.5 18.1 27.1

