

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051815\
 Data File : BM001333.D
 Acq On : 18 May 2015 16:49
 Operator : TP/IZ
 Sample : G2274-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 051315-P03-F-U-M

Quant Time: May 19 02:38:05 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SIMPAH-BM051315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 19 02:11:49 2015
 Response via : Initial Calibration

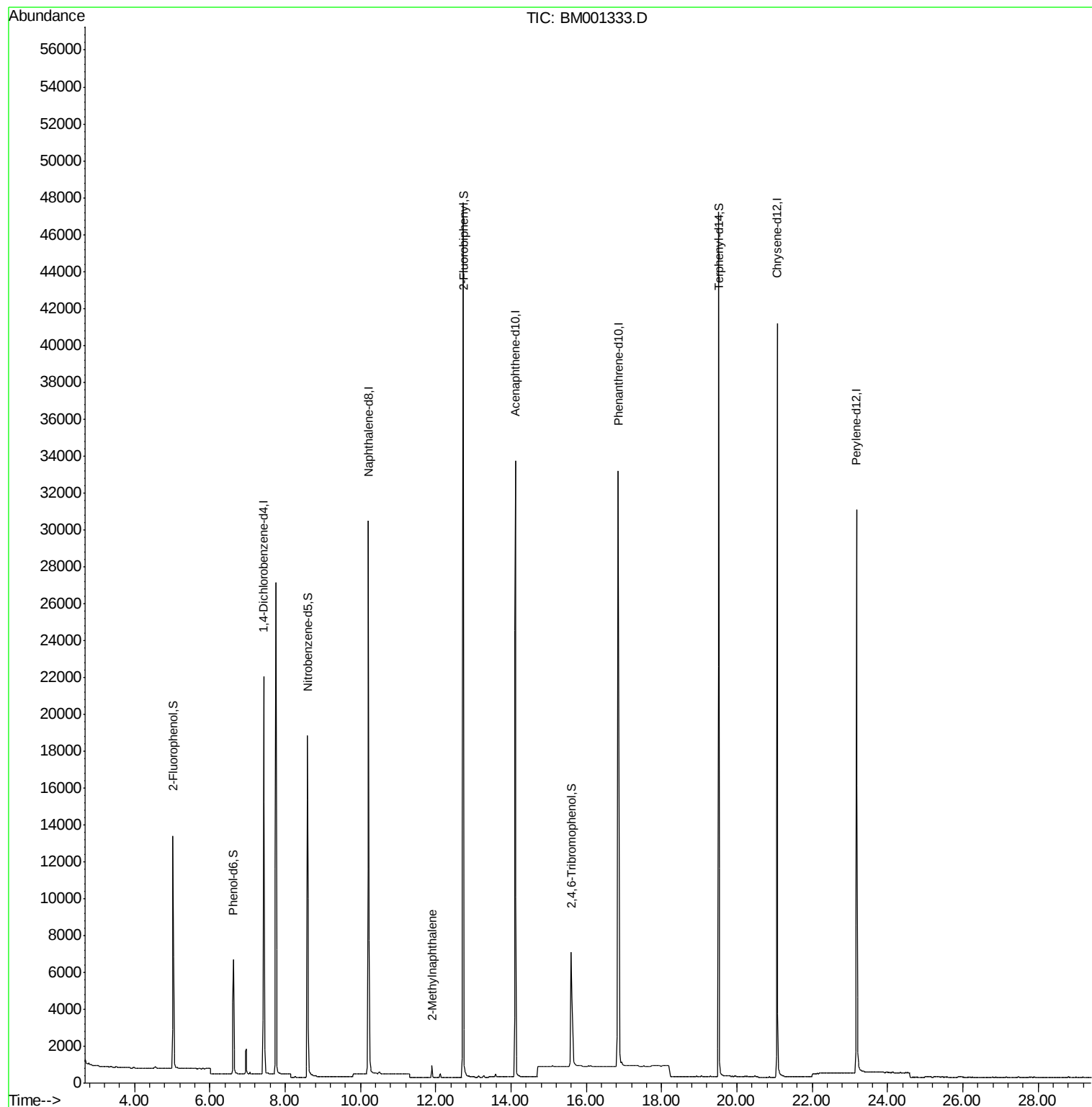
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	11712	5.00	ng	0.00
6) Naphthalene-d8	10.22	136	40556	5.00	ng	0.00
12) Acenaphthene-d10	14.12	164	20621	5.00	ng	0.00
18) Phenanthrene-d10	16.85	188	58083	5.00	ng	0.00
24) Chrysene-d12	21.07	240	37734	5.00	ng	-0.01
30) Perylene-d12	23.18	264	36962	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.02	112	10079	4.42	ng	0.00
5) Phenol-d6	6.63	99	7145	2.78	ng	0.00
7) Nitrobenzene-d5	8.60	82	16649	6.47	ng	0.00
13) 2,4,6-Tribromophenol	15.60	330	6404	9.05	ng	-0.03
14) 2-Fluorobiphenyl	12.73	172	50789	7.93	ng	0.00
26) Terphenyl-d14	19.51	244	47289	9.33	ng	0.00
Target Compounds						
11) 2-Methylnaphthalene	11.90	142	543	0.10	ng	Qvalue 95

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

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.43 min Scan# 308

Delta R.T. 0.00 min

Lab File: BM001333.D

Acq: 18 May 2015 16:49

Instrument :

BNA_M

ClientSampleId :

051315-P03-F-U-M

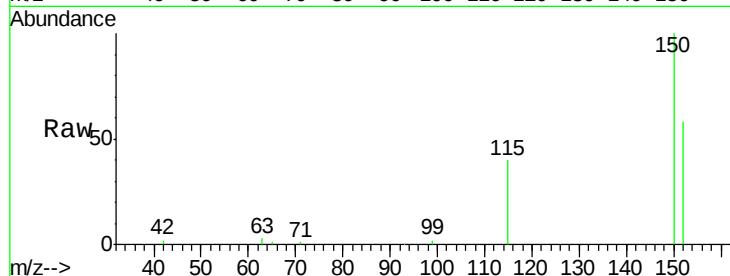
Tgt Ion:152 Resp: 11712

Ion Ratio Lower Upper

152 100

150 172.8 114.6 172.0#

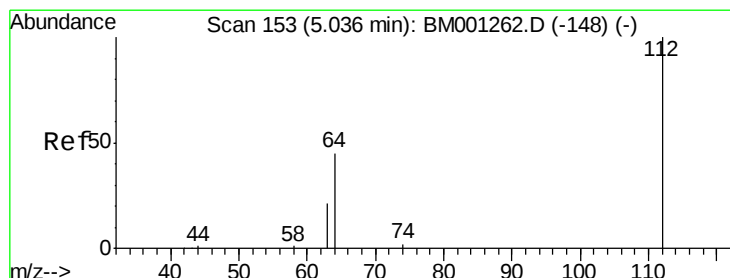
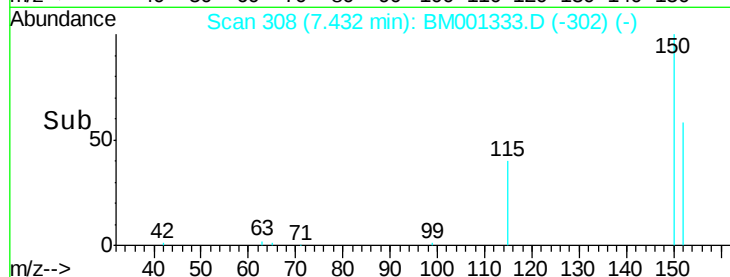
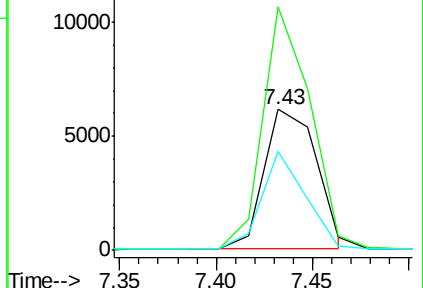
115 69.9 39.3 58.9#



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



#4

2-Fluorophenol

Concen: 4.42 ng

RT: 5.02 min Scan# 152

Delta R.T. 0.00 min

Lab File: BM001333.D

Acq: 18 May 2015 16:49

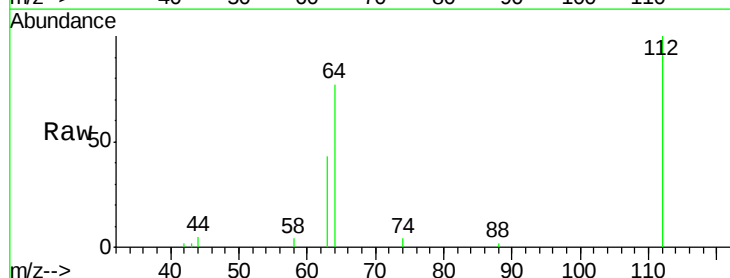
Tgt Ion:112 Resp: 10079

Ion Ratio Lower Upper

112 100

64 64.3 50.8 76.2

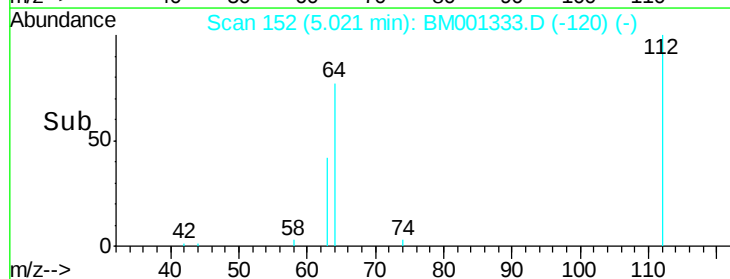
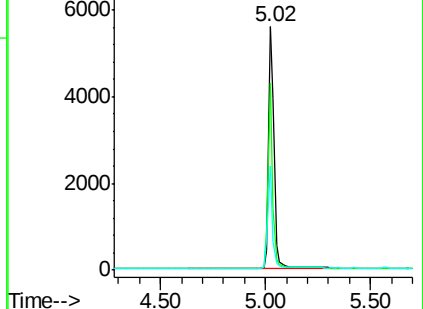
63 35.6 28.2 42.4

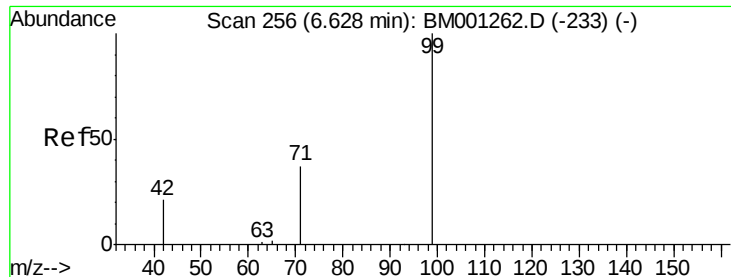


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0





#5

Phenol-d6

Concen: 2.78 ng

RT: 6.63 min Scan# 256

Delta R.T. 0.00 min

Lab File: BM001333.D

Acq: 18 May 2015 16:49

Instrument :

BNA_M

ClientSampleId :

051315-P03-F-U-M

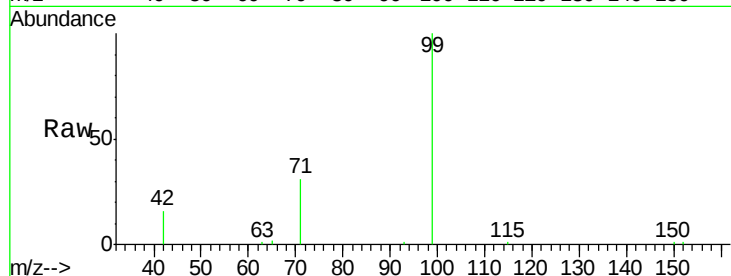
Tgt Ion: 99 Resp: 7145

Ion Ratio Lower Upper

99 100

42 24.8 19.9 29.9

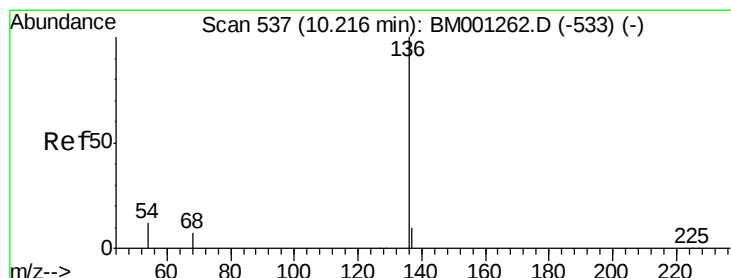
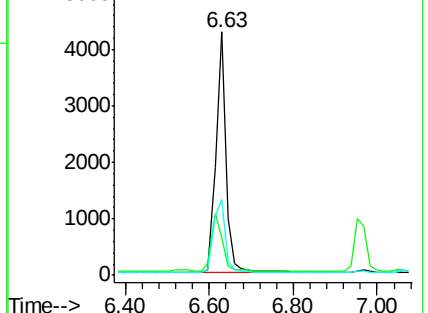
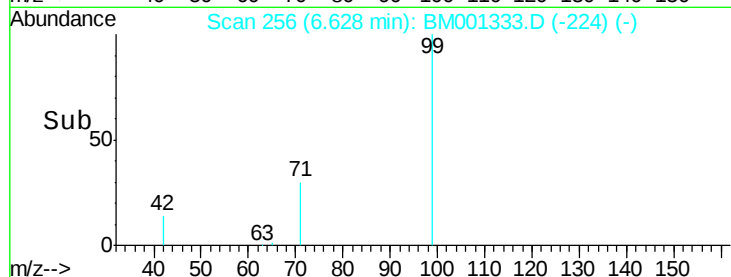
71 35.6 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BM001333.D (-224) (-)

Ion 42.00 (41.70 to 42.70): BM001333.D (-224) (-)

Ion 71.00 (70.70 to 71.70): BM001333.D (-224) (-)



#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.22 min Scan# 537

Delta R.T. 0.00 min

Lab File: BM001333.D

Acq: 18 May 2015 16:49

Tgt Ion: 136 Resp: 40556

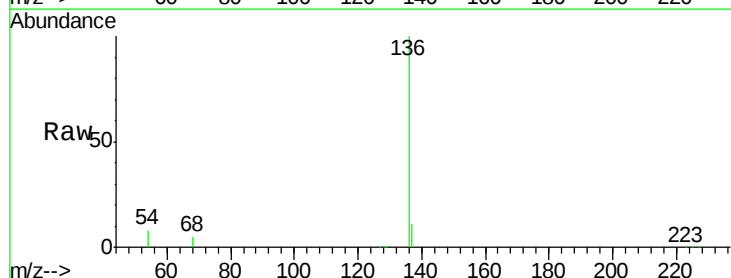
Ion Ratio Lower Upper

136 100

137 11.1 8.2 12.4

54 7.8 9.5 14.3#

68 4.8 5.5 8.3#

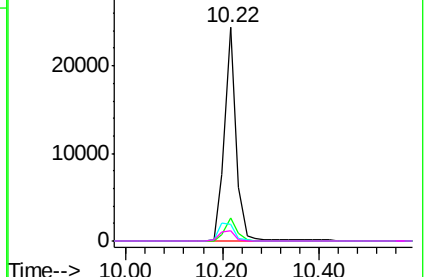
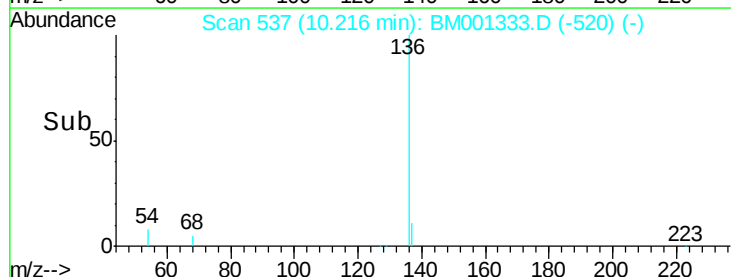


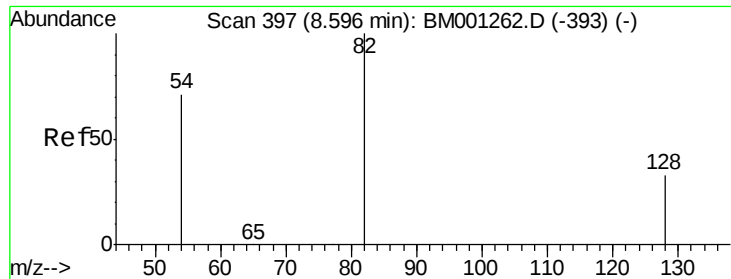
Abundance Ion 136.00 (135.70 to 136.70): BM001333.D (-520) (-)

Ion 137.00 (136.70 to 137.70): BM001333.D (-520) (-)

Ion 54.00 (53.70 to 54.70): BM001333.D (-520) (-)

Ion 68.00 (67.70 to 68.70): BM001333.D (-520) (-)





#7

Nitrobenzene-d5

Concen: 6.47 ng

RT: 8.60 min Scan# 397

Delta R.T. 0.00 min

Lab File: BM001333.D

Acq: 18 May 2015 16:49

Instrument :

BNA_M

ClientSampleId :

051315-P03-F-U-M

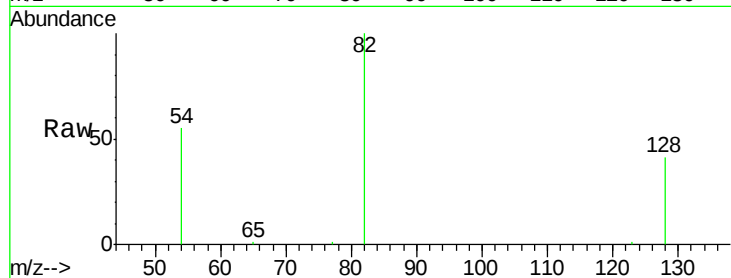
Tgt Ion: 82 Resp: 16649

Ion Ratio Lower Upper

82 100

128 41.4 28.0 42.0

54 54.8 57.3 85.9#

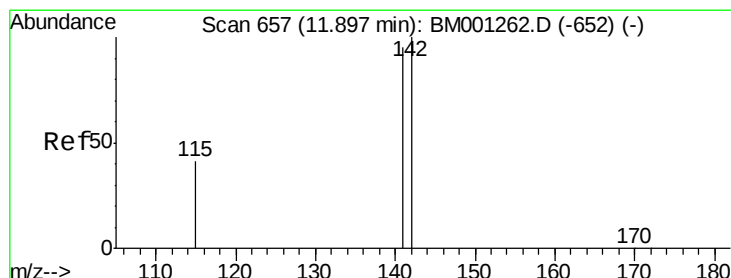
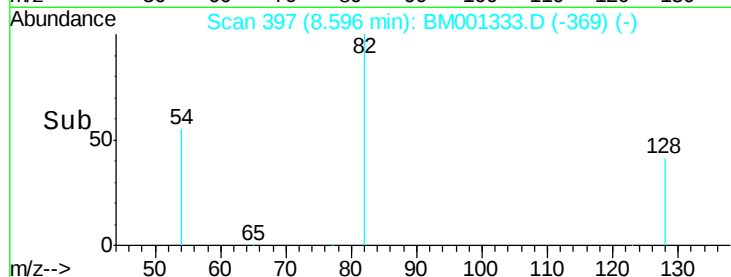


Abundance Ion 82.00 (81.70 to 82.70): BM001262.D (-393) (-)

Ion 128.00 (127.70 to 128.70): BM001262.D (-393) (-)

Ion 54.00 (53.70 to 54.70): BM001262.D (-393) (-)

Time-->



#11

2-Methylnaphthalene

Concen: 0.10 ng

RT: 11.90 min Scan# 657

Delta R.T. 0.00 min

Lab File: BM001333.D

Acq: 18 May 2015 16:49

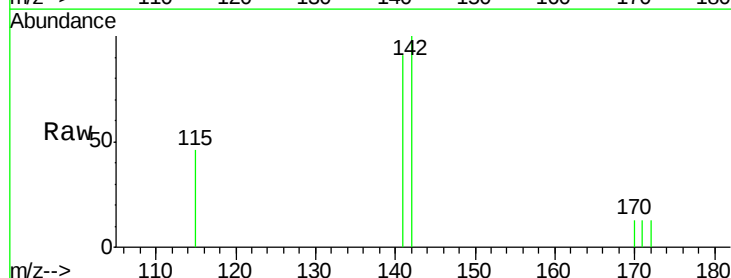
Tgt Ion: 142 Resp: 543

Ion Ratio Lower Upper

142 100

141 91.1 76.1 114.1

115 45.7 33.1 49.7

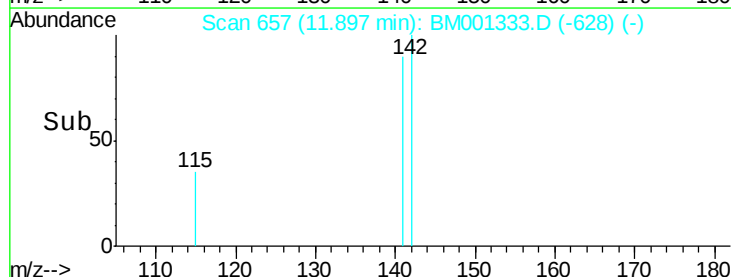


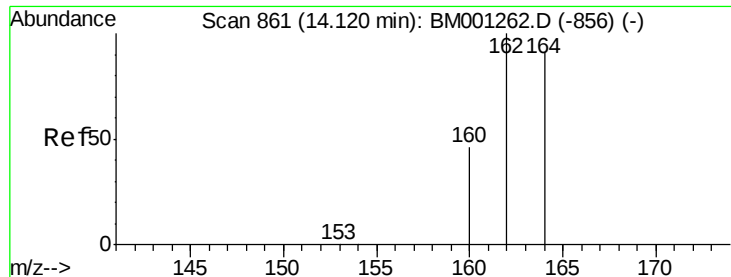
Abundance Ion 142.00 (141.70 to 142.70): BM001262.D (-652) (-)

Ion 141.00 (140.70 to 141.70): BM001262.D (-652) (-)

Ion 115.00 (114.70 to 115.70): BM001262.D (-652) (-)

Time-->





#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.12 min Scan# 861

Delta R.T. 0.00 min

Lab File: BM001333.D

Acq: 18 May 2015 16:49

Instrument :

BNA_M

ClientSampleId :

051315-P03-F-U-M

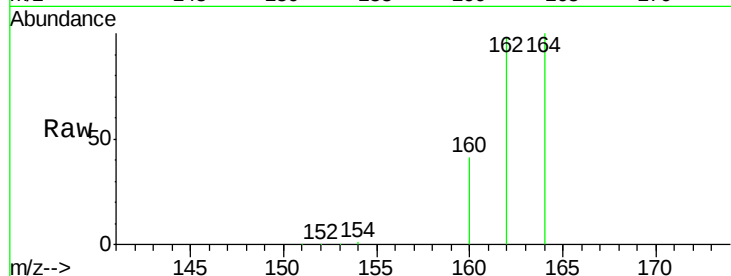
Tgt Ion:164 Resp: 20621

Ion Ratio Lower Upper

164 100

162 97.8 87.9 131.9

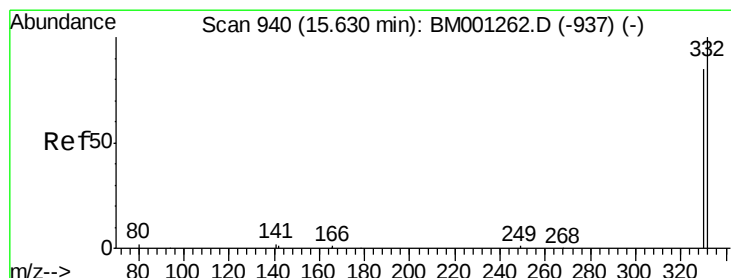
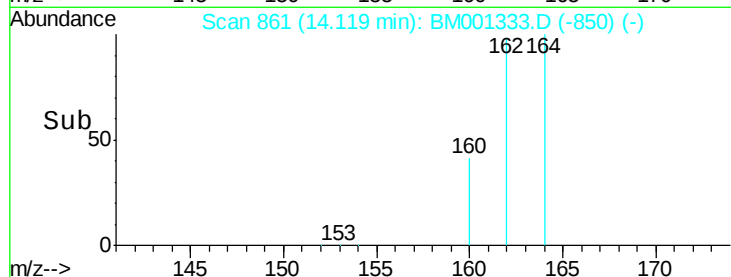
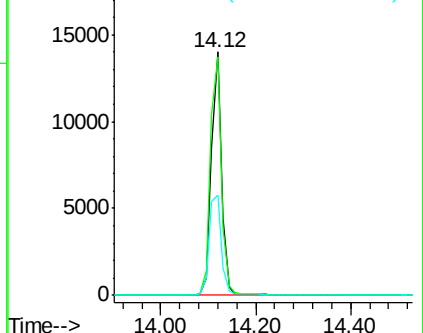
160 41.2 40.9 61.3



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: 9.05 ng

RT: 15.60 min Scan# 939

Delta R.T. -0.03 min

Lab File: BM001333.D

Acq: 18 May 2015 16:49

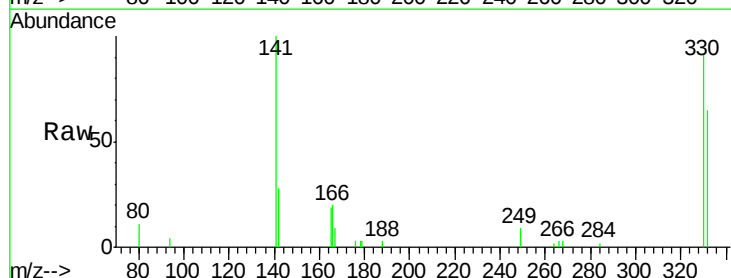
Tgt Ion:330 Resp: 6404

Ion Ratio Lower Upper

330 100

332 0.0 89.0 133.4#

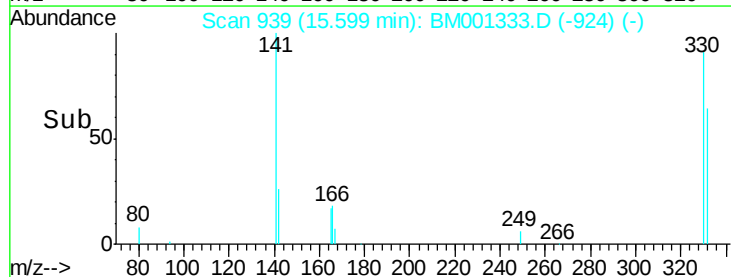
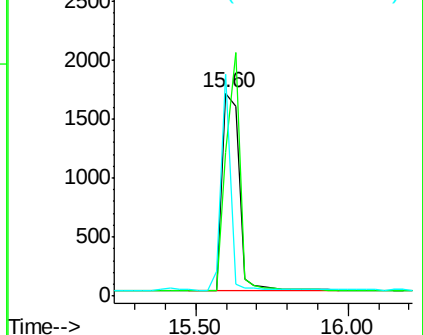
141 59.7 0.0 0.0#

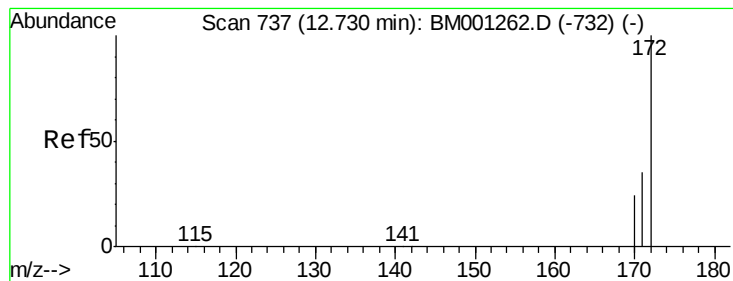


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

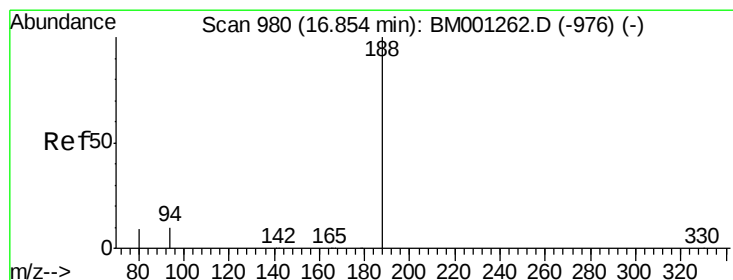
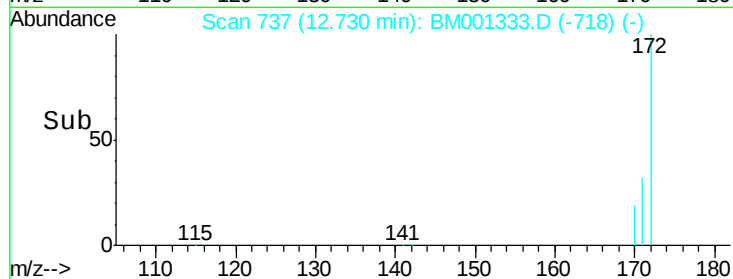
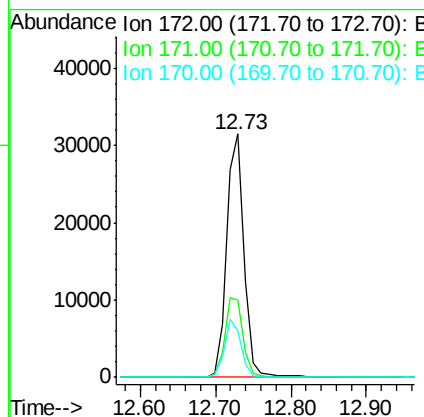
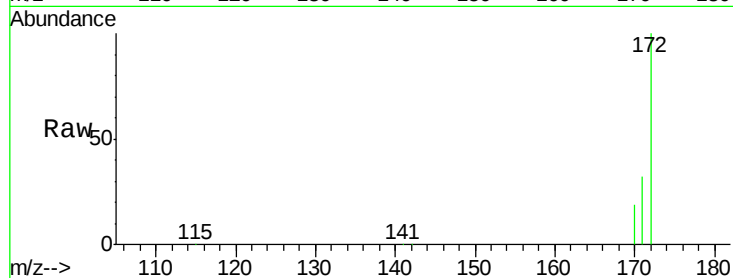




#14
 2-Fluorobiphenyl
 Concen: 7.93 ng
 RT: 12.73 min Scan# 737
 Delta R.T. 0.00 min
 Lab File: BM001333.D
 Acq: 18 May 2015 16:49

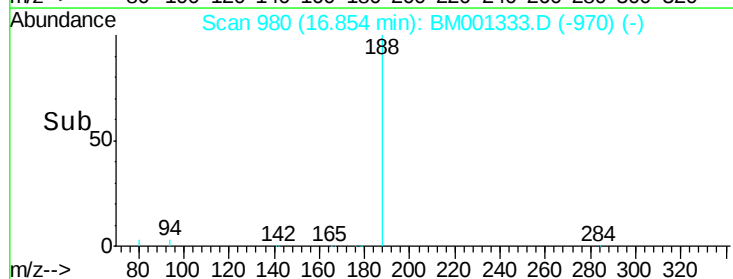
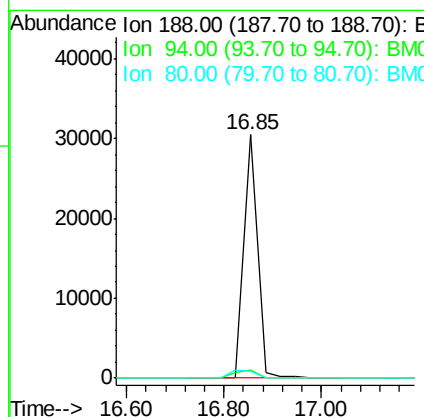
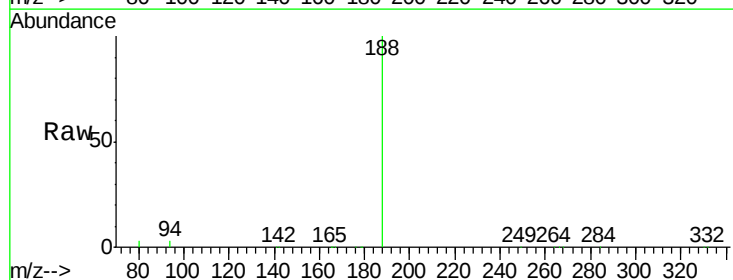
Instrument :
 BNA_M
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 051315-P03-F-U-M

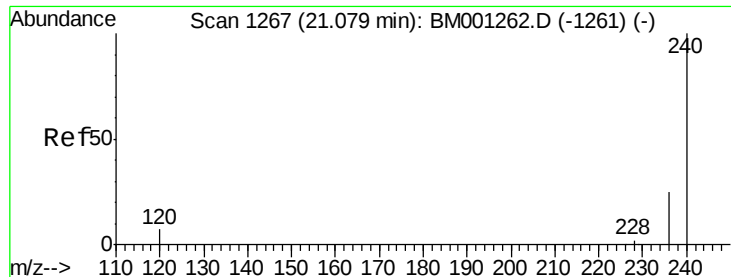
Tgt Ion:172 Resp: 50789
 Ion Ratio Lower Upper
 172 100
 171 31.6 28.7 43.1
 170 19.1 19.5 29.3#



#18
 Phenanthrene-d10
 Concen: 5.00 ng
 RT: 16.85 min Scan# 980
 Delta R.T. 0.00 min
 Lab File: BM001333.D
 Acq: 18 May 2015 16:49

Tgt Ion:188 Resp: 58083
 Ion Ratio Lower Upper
 188 100
 94 3.2 7.8 11.8#
 80 2.9 7.5 11.3#





#24

Chrysene-d12

Concen: 5.00 ng

RT: 21.07 min Scan# 1266

Delta R.T. -0.01 min

Lab File: BM001333.D

Acq: 18 May 2015 16:49

Instrument :

BNA_M

ClientSampleId :

051315-P03-F-U-M

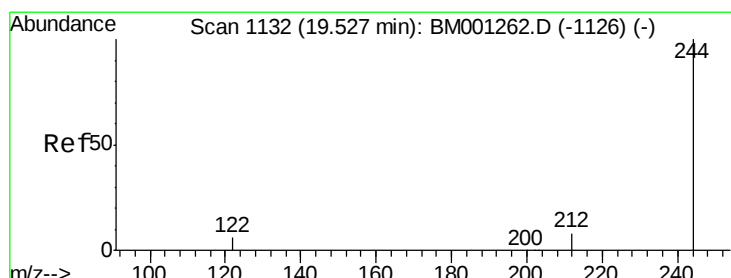
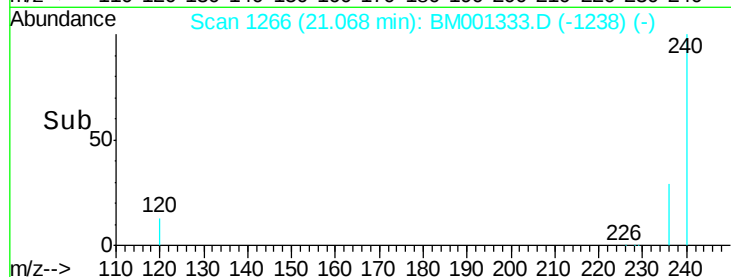
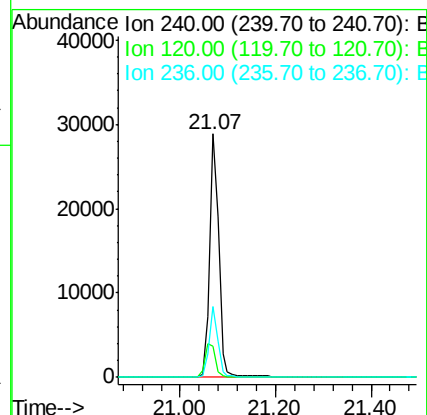
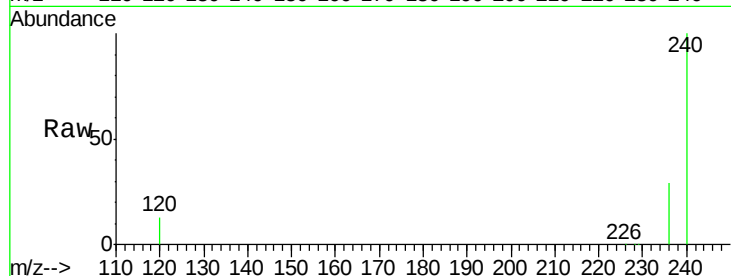
Tgt Ion:240 Resp: 37734

Ion Ratio Lower Upper

240 100

120 12.7 5.5 8.3#

236 28.9 20.4 30.6



#26

Terphenyl-d14

Concen: 9.33 ng

RT: 19.51 min Scan# 1131

Delta R.T. 0.00 min

Lab File: BM001333.D

Acq: 18 May 2015 16:49

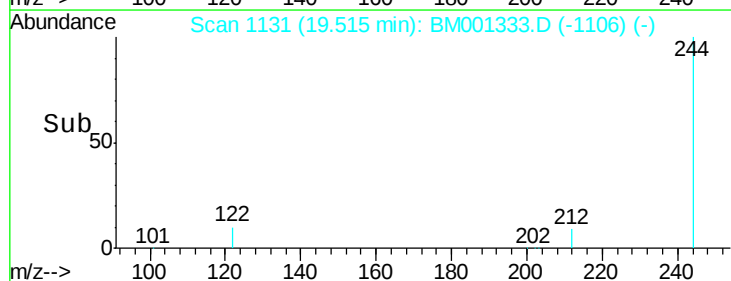
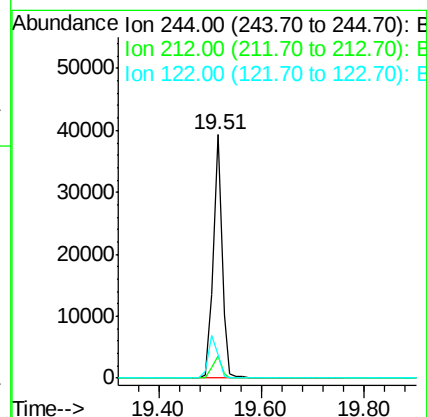
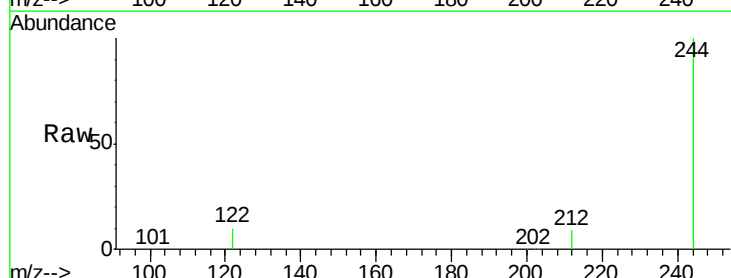
Tgt Ion:244 Resp: 47289

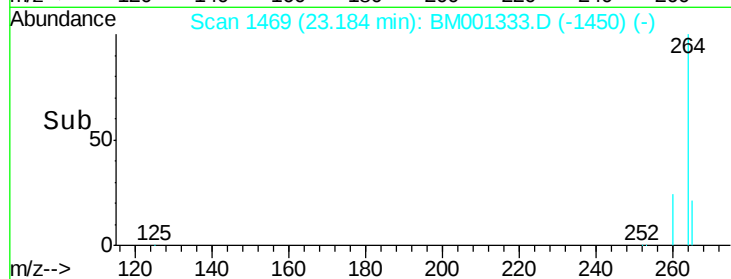
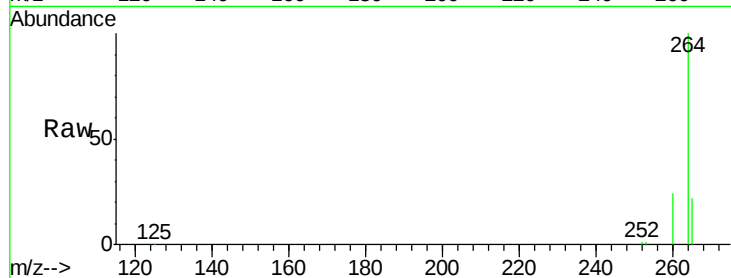
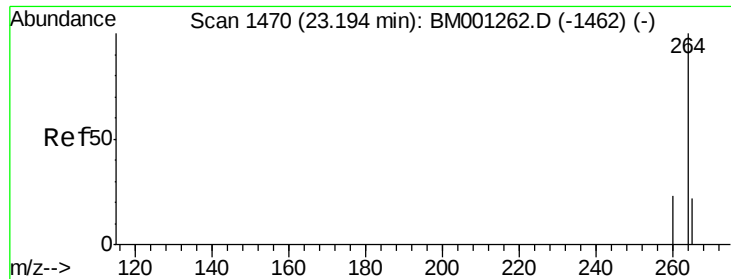
Ion Ratio Lower Upper

244 100

212 9.2 7.2 10.8

122 9.8 5.6 8.4#





#30

Perylene-d12

Concen: 5.00 ng

RT: 23.18 min Scan# 1469

Delta R.T. 0.00 min

Lab File: BM001333.D

Acq: 18 May 2015 16:49

Instrument :

BNA_M

ClientSampleId :

051315-P03-F-U-M

Tgt Ion: 264 Resp: 36962

Ion Ratio Lower Upper

264 100

260 24.2 18.9 28.3

265 22.1 18.1 27.1

