

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051315\
 Data File : BM001268.D
 Acq On : 13 May 2015 01:29
 Operator : TP/IZ
 Sample : PB83325BL
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB83325BL

Quant Time: May 13 05:55:40 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SIMPAH-BM051315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 13 05:24:15 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	13197	5.00	ng	0.00
6) Naphthalene-d8	10.22	136	45603	5.00	ng	0.00
12) Acenaphthene-d10	14.12	164	23937	5.00	ng	0.00
18) Phenanthrene-d10	16.85	188	58494	5.00	ng	0.00
24) Chrysene-d12	21.08	240	42672	5.00	ng	0.00
30) Perylene-d12	23.18	264	41395	5.00	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.04	112	31416	12.22	ng	0.00
5) Phenol-d6	6.63	99	36272	12.51	ng	0.00
7) Nitrobenzene-d5	8.60	82	20261	7.00	ng	0.00
13) 2,4,6-Tribromophenol	15.63	330	7845	9.55	ng	0.00
14) 2-Fluorobiphenyl	12.73	172	62185	8.37	ng	0.00
26) Terphenyl-d14	19.51	244	48216	8.41	ng	-0.01

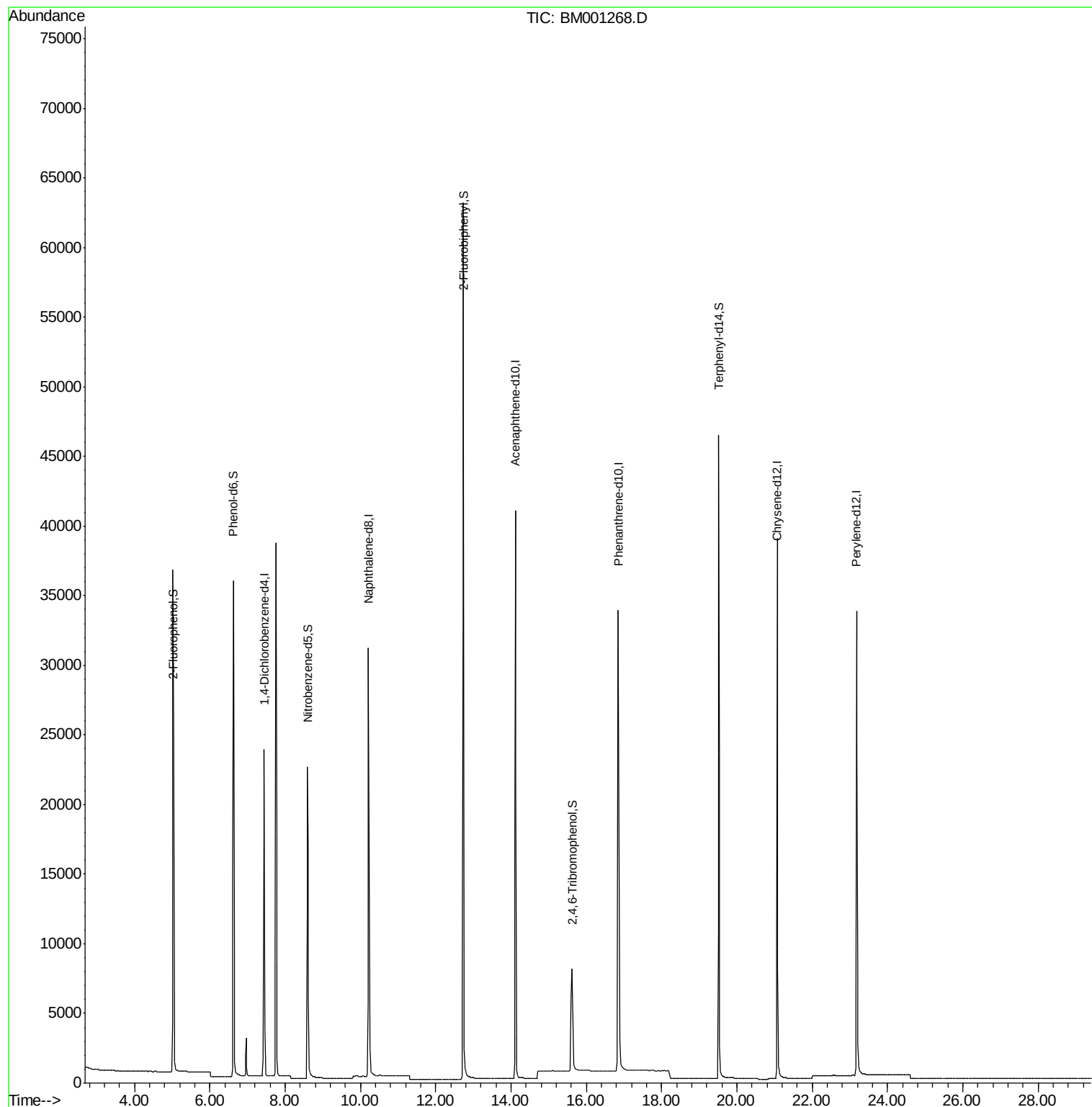
Target Compounds	Qvalue
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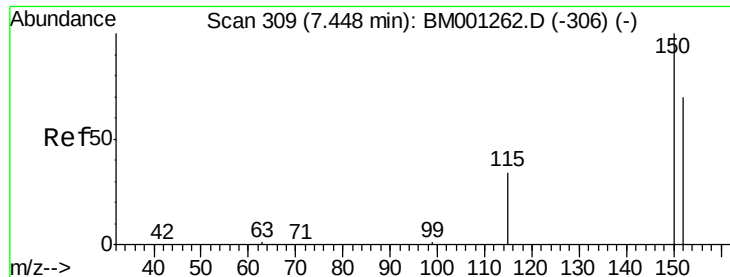
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BM001268.D

Acq: 13 May 2015 01:29

Instrument :

BNA_M

ClientSampleId :

PB83325BL

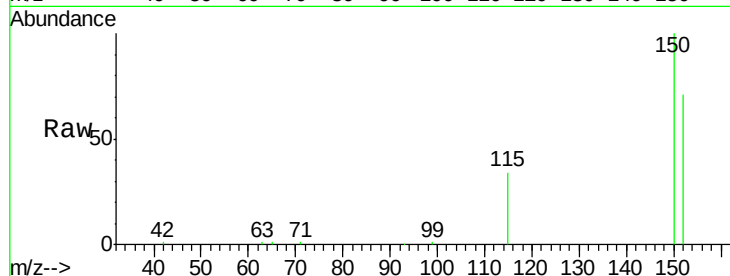
Tgt Ion:152 Resp: 13197

Ion Ratio Lower Upper

152 100

150 140.9 114.6 172.0

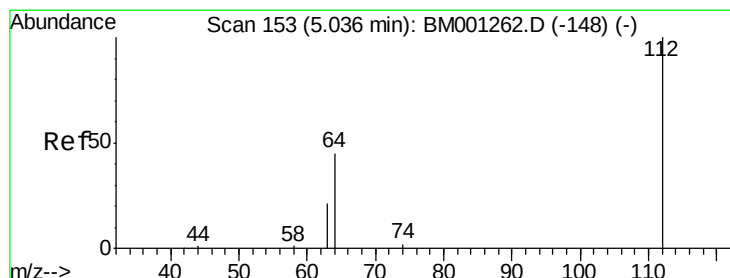
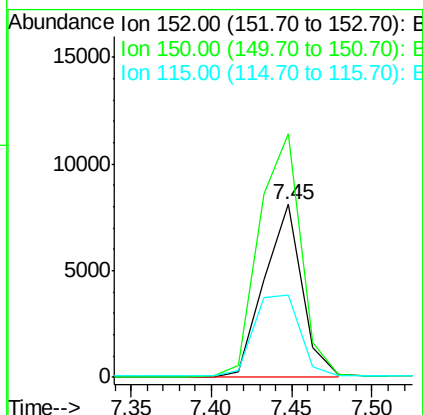
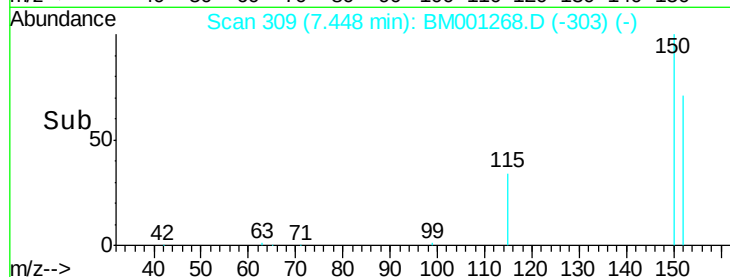
115 47.7 39.3 58.9



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: 12.22 ng

RT: 5.04 min Scan# 153

Delta R.T. 0.00 min

Lab File: BM001268.D

Acq: 13 May 2015 01:29

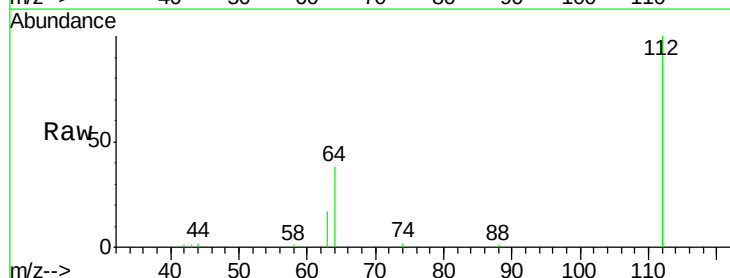
Tgt Ion:112 Resp: 31416

Ion Ratio Lower Upper

112 100

64 64.4 50.8 76.2

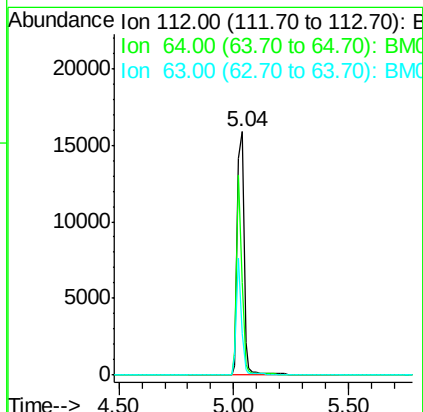
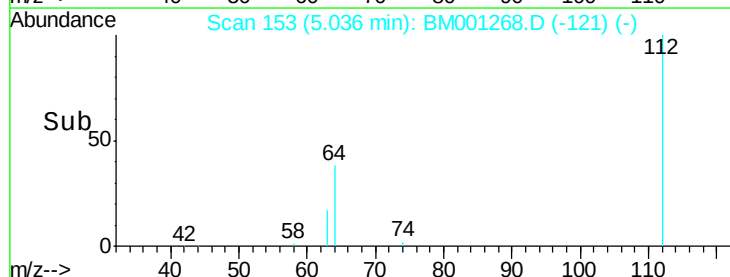
63 35.9 28.2 42.4

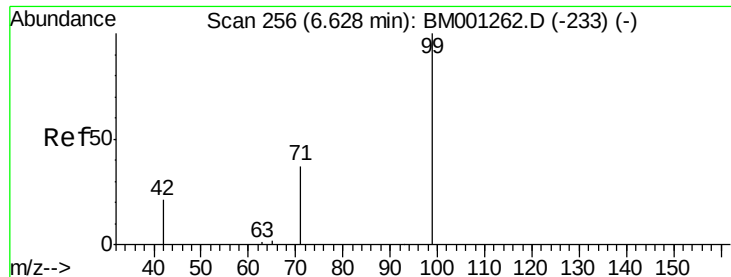


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0





#5

Phenol-d6

Concen: 12.51 ng

RT: 6.63 min Scan# 256

Delta R.T. 0.00 min

Lab File: BM001268.D

Acq: 13 May 2015 01:29

Instrument :

BNA_M

ClientSampleId :

PB83325BL

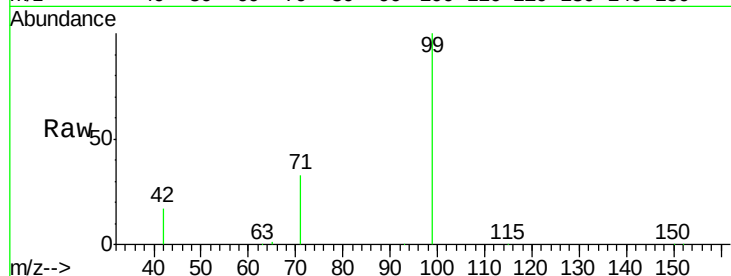
Tgt Ion: 99 Resp: 36272

Ion Ratio Lower Upper

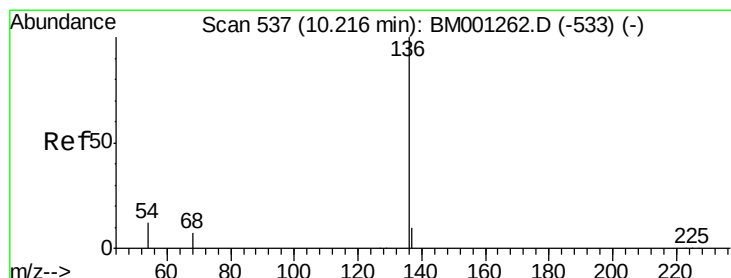
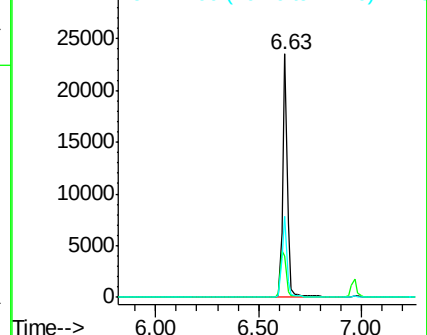
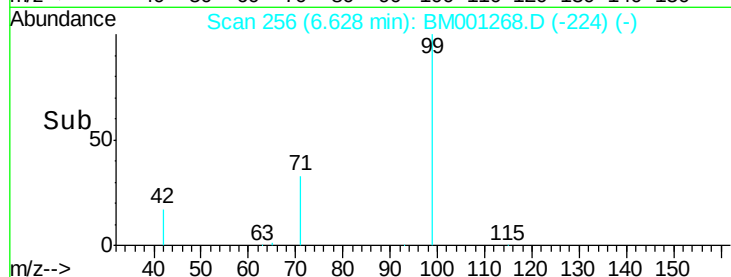
99 100

42 24.5 19.9 29.9

71 35.5 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BM001268.D (-224) (-)



#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.22 min Scan# 537

Delta R.T. 0.00 min

Lab File: BM001268.D

Acq: 13 May 2015 01:29

Tgt Ion: 136 Resp: 45603

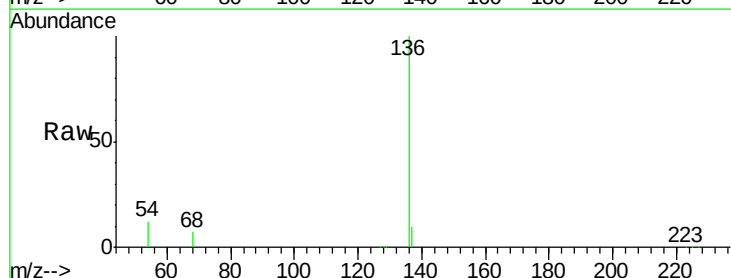
Ion Ratio Lower Upper

136 100

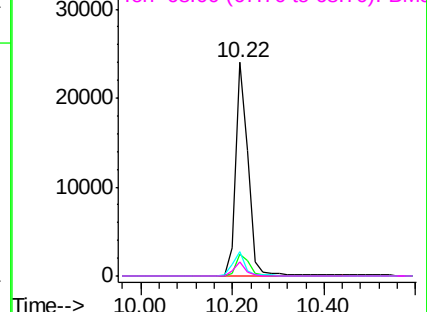
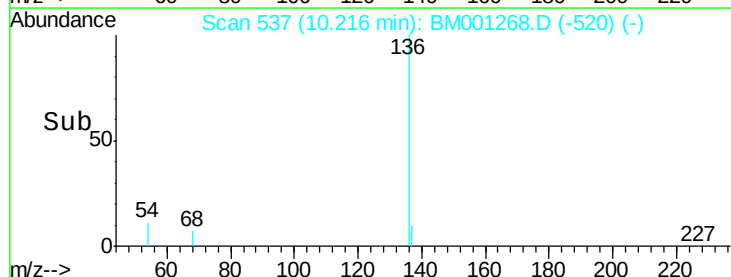
137 10.5 8.2 12.4

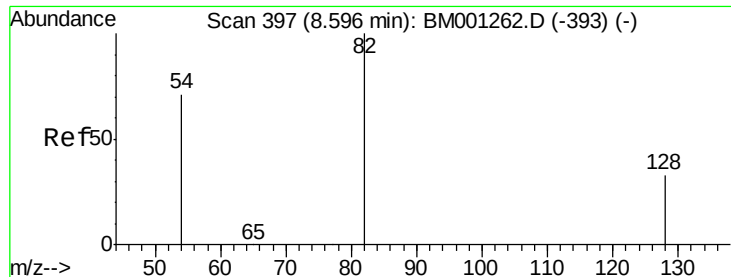
54 11.7 9.5 14.3

68 6.7 5.5 8.3



Abundance Ion 136.00 (135.70 to 136.70): BM001268.D (-520) (-)





#7

Nitrobenzene-d5

Concen: 7.00 ng

RT: 8.60 min Scan# 397

Delta R.T. 0.00 min

Lab File: BM001268.D

Acq: 13 May 2015 01:29

Instrument :

BNA_M

ClientSampleId :

PB83325BL

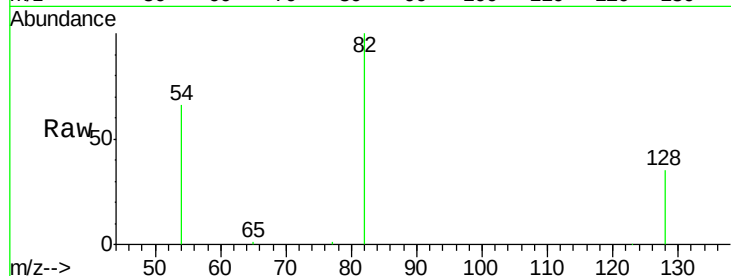
Tgt Ion: 82 Resp: 20261

Ion Ratio Lower Upper

82 100

128 35.0 28.0 42.0

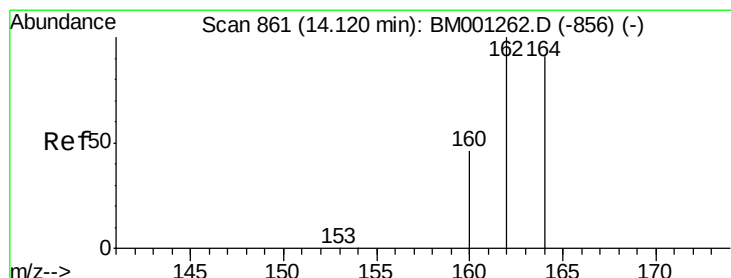
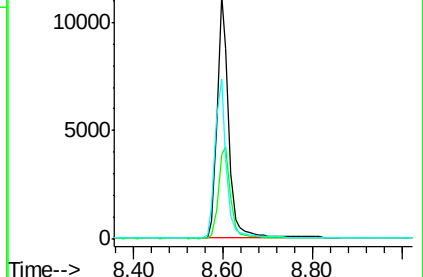
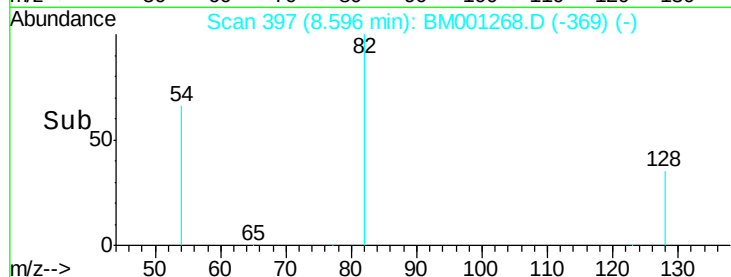
54 65.7 57.3 85.9



Abundance Ion 82.00 (81.70 to 82.70): BM001268.D (-369) (-)

Ion 128.00 (127.70 to 128.70): BM001268.D (-369) (-)

Ion 54.00 (53.70 to 54.70): BM001268.D (-369) (-)



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.12 min Scan# 861

Delta R.T. 0.00 min

Lab File: BM001268.D

Acq: 13 May 2015 01:29

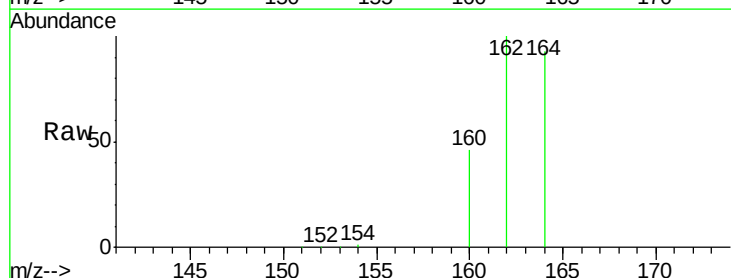
Tgt Ion: 164 Resp: 23937

Ion Ratio Lower Upper

164 100

162 107.1 87.9 131.9

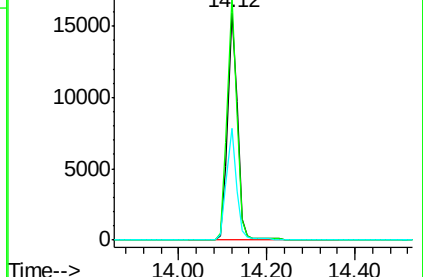
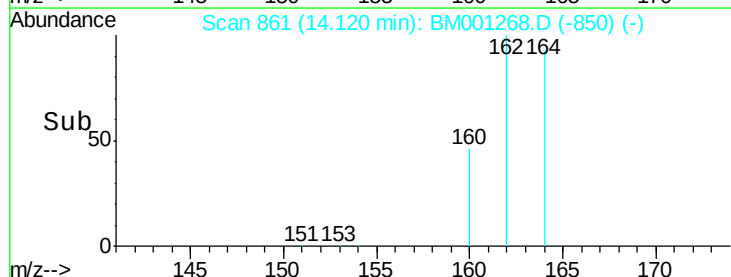
160 49.2 40.9 61.3

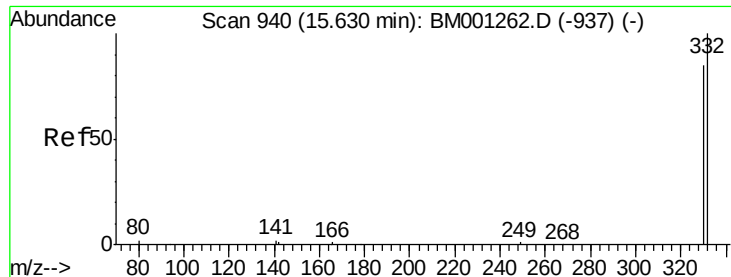


Abundance Ion 164.00 (163.70 to 164.70): BM001268.D (-850) (-)

Ion 162.00 (161.70 to 162.70): BM001268.D (-850) (-)

Ion 160.00 (159.70 to 160.70): BM001268.D (-850) (-)

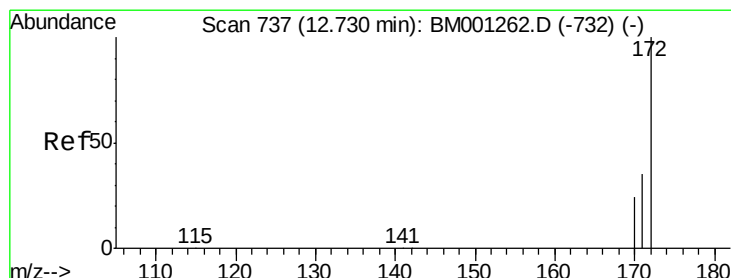
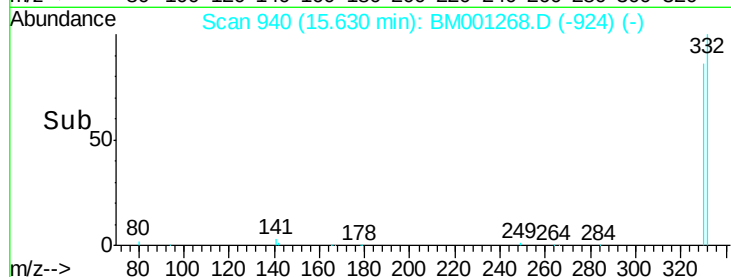
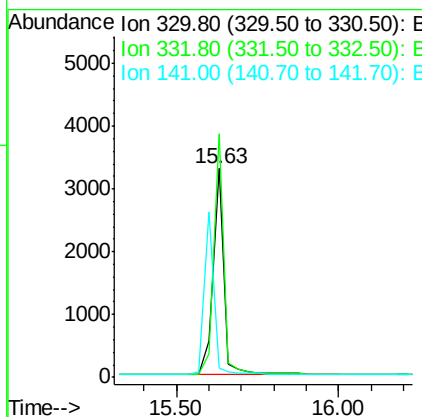
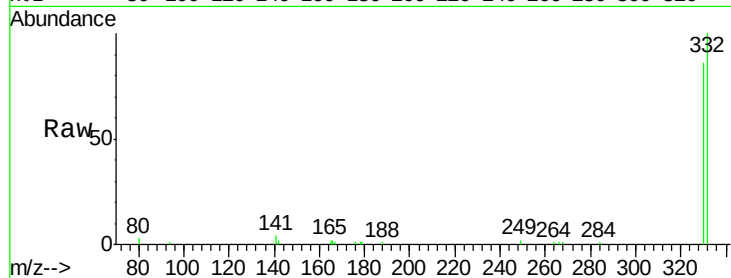




#13
 2,4,6-Tribromophenol
 Concen: 9.55 ng
 RT: 15.63 min Scan# 940
 Delta R.T. 0.00 min
 Lab File: BM001268.D
 Acq: 13 May 2015 01:29

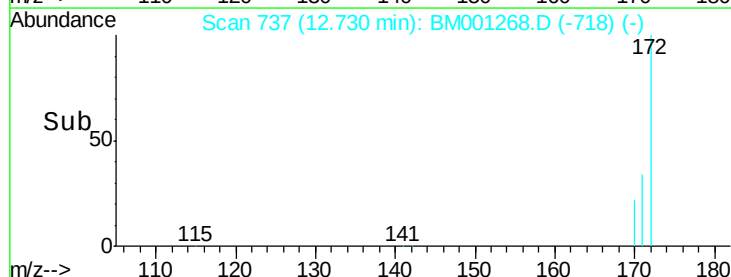
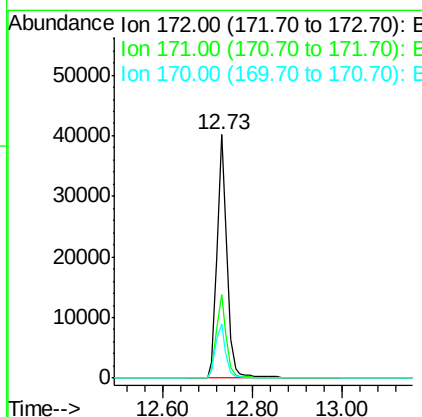
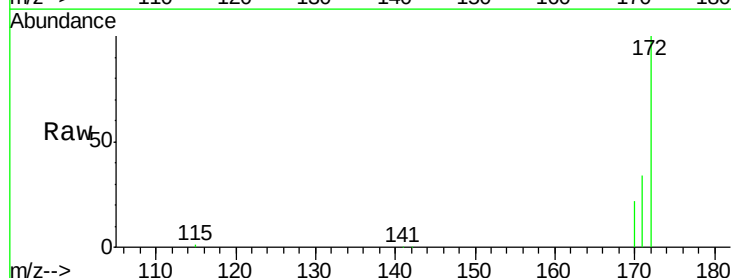
Instrument :
 BNA_M
 ClientSampleId :
 PB83325BL

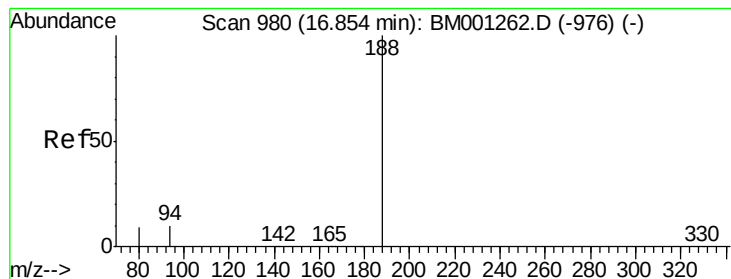
Tgt Ion:330 Resp: 7845
 Ion Ratio Lower Upper
 330 100
 332 107.9 89.0 133.4
 141 0.0 0.0 0.0



#14
 2-Fluorobiphenyl
 Concen: 8.37 ng
 RT: 12.73 min Scan# 737
 Delta R.T. 0.00 min
 Lab File: BM001268.D
 Acq: 13 May 2015 01:29

Tgt Ion:172 Resp: 62185
 Ion Ratio Lower Upper
 172 100
 171 34.1 28.7 43.1
 170 22.4 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: BM001268.D

Acq: 13 May 2015 01:29

Instrument :

BNA_M

ClientSampleId :

PB83325BL

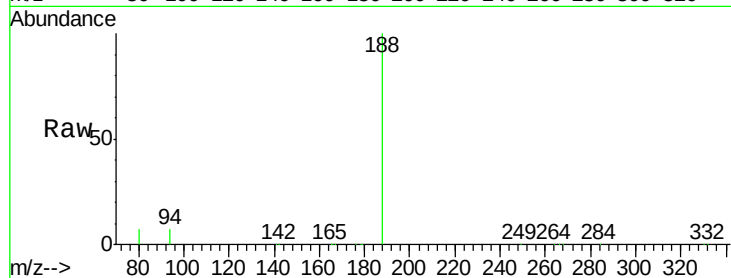
Tgt Ion:188 Resp: 58494

Ion Ratio Lower Upper

188 100

94 7.5 7.8 11.8#

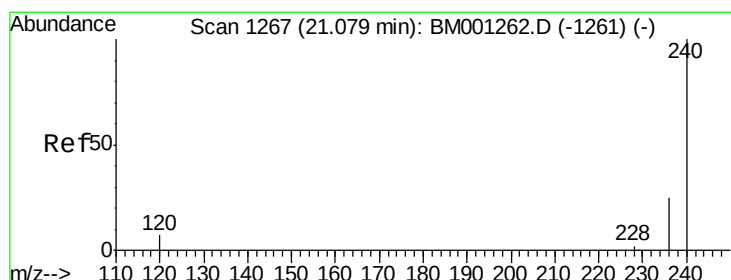
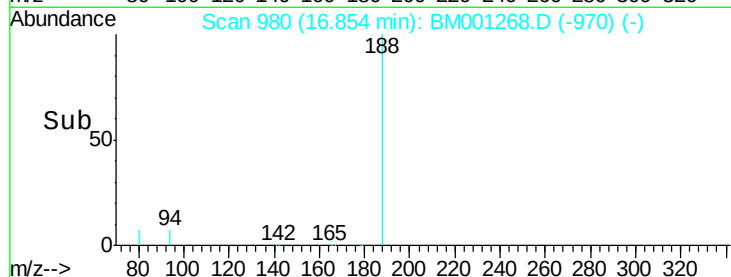
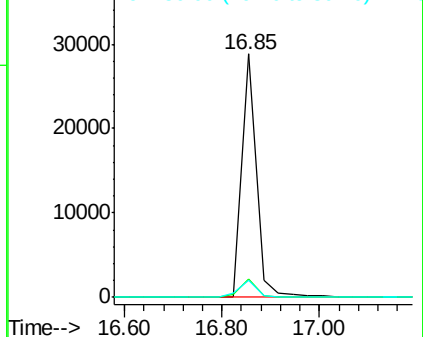
80 7.1 7.5 11.3#



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



#24

Chrysene-d12

Concen: 5.00 ng

RT: 21.08 min Scan# 1267

Delta R.T. 0.00 min

Lab File: BM001268.D

Acq: 13 May 2015 01:29

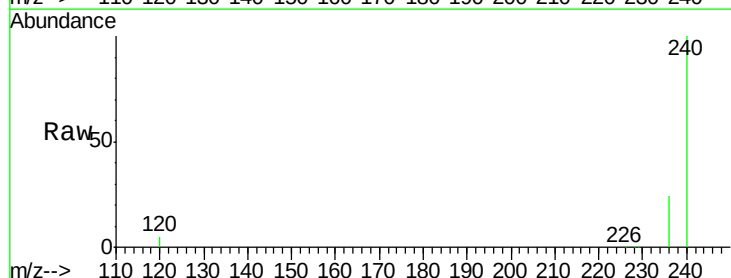
Tgt Ion:240 Resp: 42672

Ion Ratio Lower Upper

240 100

120 5.5 5.5 8.3#

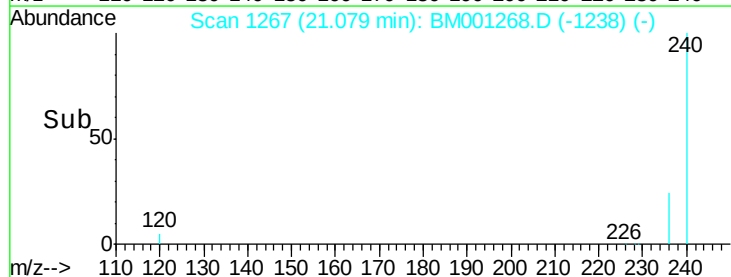
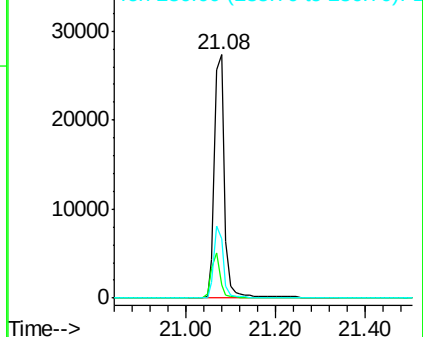
236 24.4 20.4 30.6

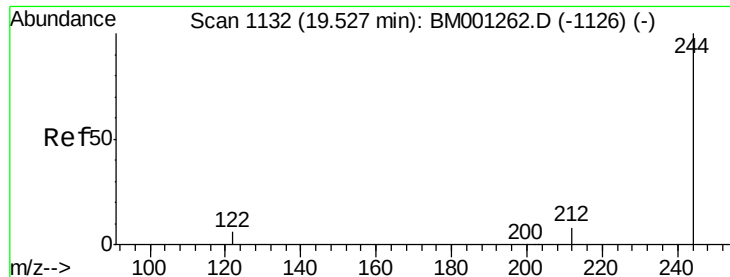


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#26

Terphenyl-d14

Concen: 8.41 ng

RT: 19.51 min Scan# 1131

Delta R.T. -0.01 min

Lab File: BM001268.D

Acq: 13 May 2015 01:29

Instrument :

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PB83325BL

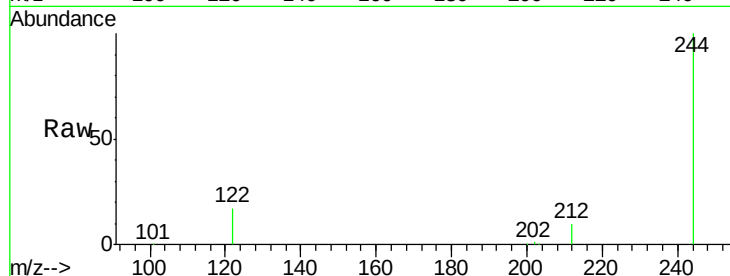
Tgt Ion:244 Resp: 48216

Ion Ratio Lower Upper

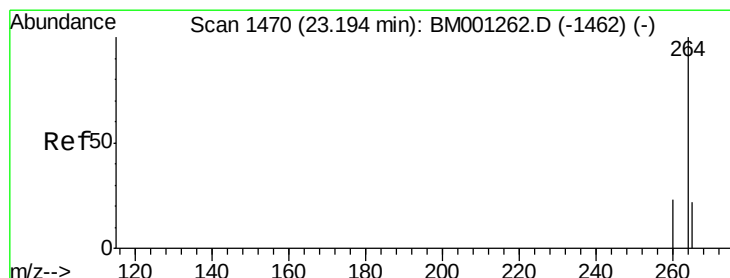
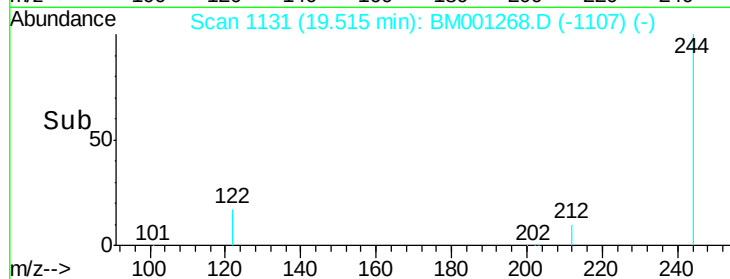
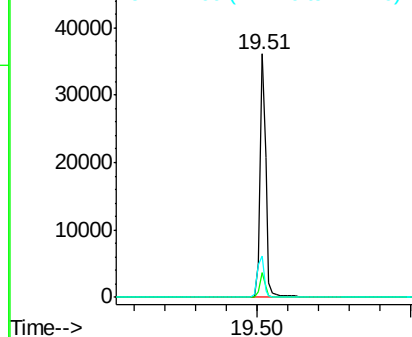
244 100

212 10.2 7.2 10.8

122 17.2 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. -0.01 min

Lab File: BM001268.D

Acq: 13 May 2015 01:29

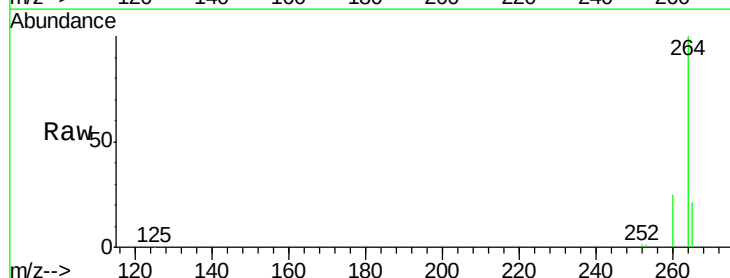
Tgt Ion:264 Resp: 41395

Ion Ratio Lower Upper

264 100

260 25.5 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

