

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050515\
 Data File : BM001216.D
 Acq On : 05 May 2015 20:04
 Operator : TP/IZ
 Sample : PB83182BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB83182BL

Quant Time: May 06 13:09:51 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SIMPAH-BM050515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 06 12:46:35 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	13264	5.00	ng	0.00
6) Naphthalene-d8	10.30	136	51515	5.00	ng	0.00
12) Acenaphthene-d10	14.19	164	31612	5.00	ng	0.00
18) Phenanthrene-d10	16.95	188	54230	5.00	ng	0.00
24) Chrysene-d12	21.14	240	68592	5.00	ng	0.00
30) Perylene-d12	23.29	264	56717	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.11	112	35723	12.88	ng	0.00
5) Phenol-d6	6.71	99	46192	13.10	ng	-0.02
7) Nitrobenzene-d5	8.68	82	26376	9.05	ng	0.00
13) 2,4,6-Tribromophenol	15.69	330	23126	10.17	ng	0.00
14) 2-Fluorobiphenyl	12.80	172	87348	9.04	ng	-0.01
26) Terphenyl-d14	19.59	244	86259	8.78	ng	0.00

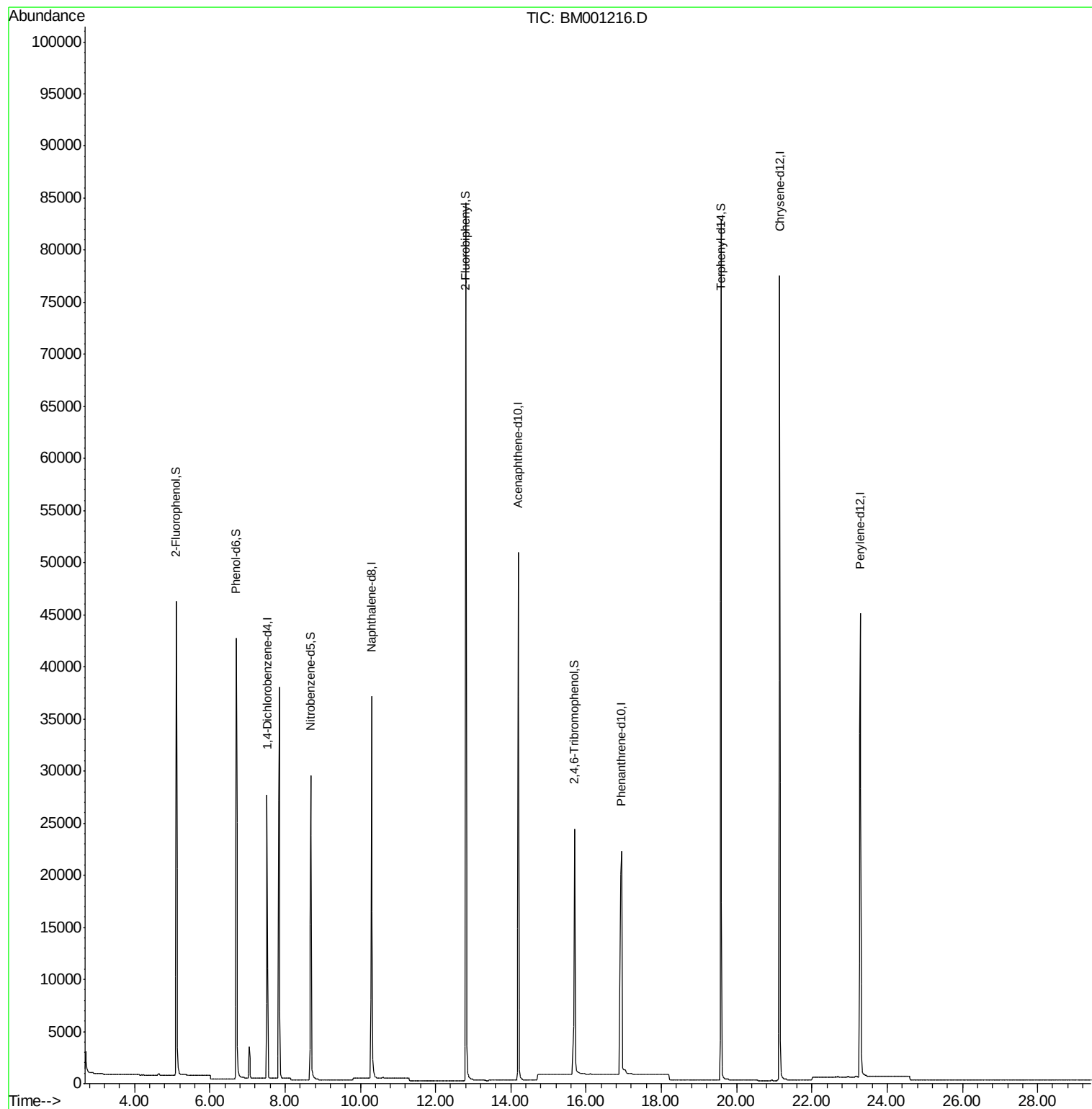
Target Compounds	Qvalue
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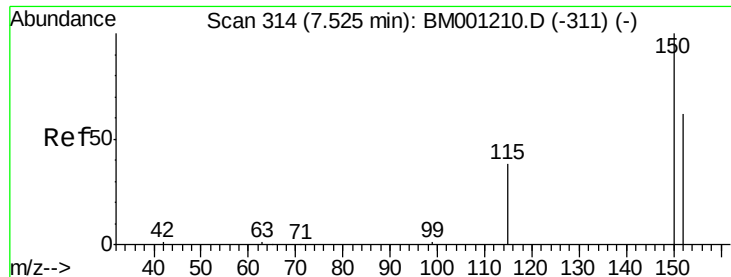
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.52 min Scan# 314

Delta R.T. 0.00 min

Lab File: BM001216.D

Acq: 05 May 2015 20:04

Instrument :

BNA_M

ClientSampleId :

PB83182BL

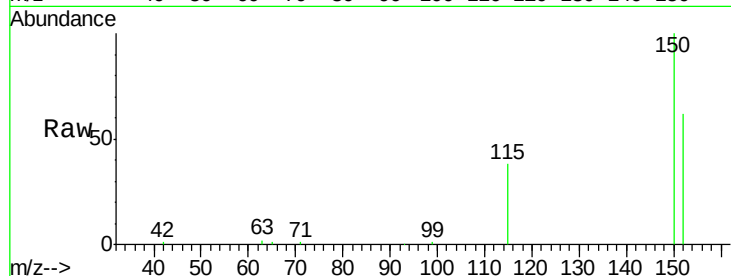
Tgt Ion:152 Resp: 13264

Ion Ratio Lower Upper

152 100

150 160.7 122.0 183.0

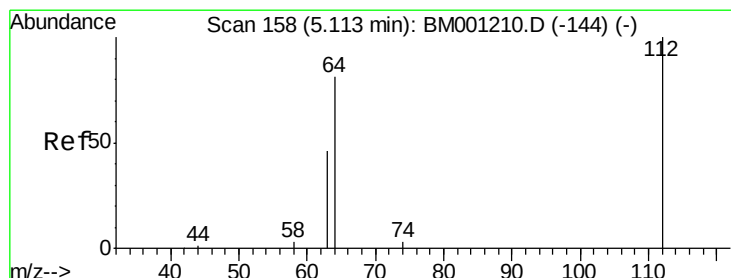
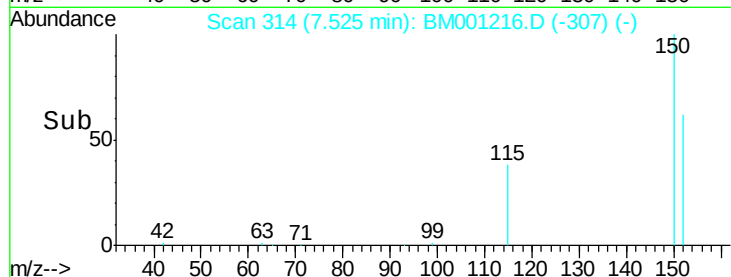
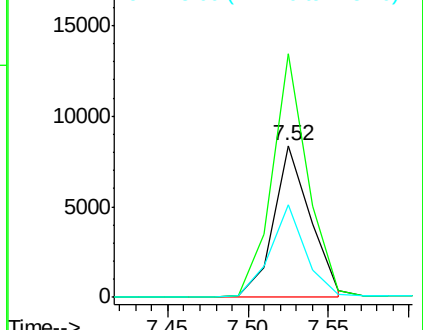
115 61.4 46.3 69.5



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: 12.88 ng

RT: 5.11 min Scan# 158

Delta R.T. 0.00 min

Lab File: BM001216.D

Acq: 05 May 2015 20:04

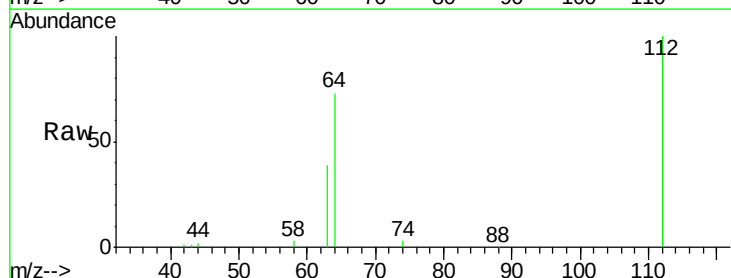
Tgt Ion:112 Resp: 35723

Ion Ratio Lower Upper

112 100

64 64.5 51.0 76.4

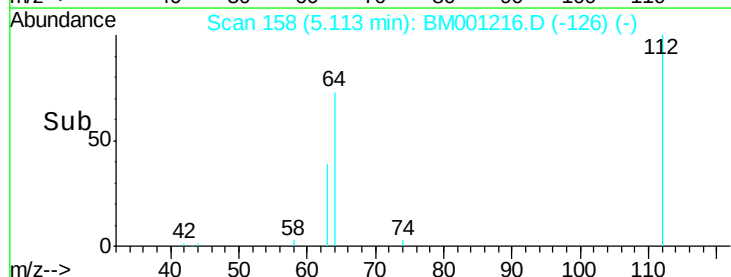
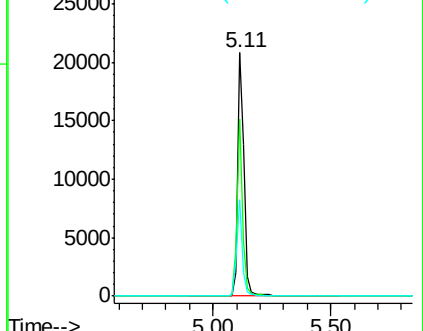
63 35.6 28.8 43.2

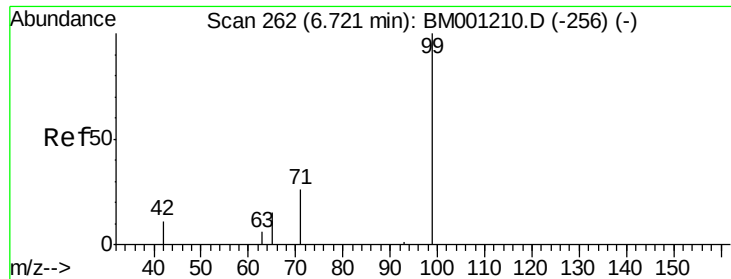


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0





#5

Phenol-d6

Concen: 13.10 ng

RT: 6.71 min Scan# 261

Delta R.T. -0.02 min

Lab File: BM001216.D

Acq: 05 May 2015 20:04

Instrument :

BNA_M

ClientSampleId :

PB83182BL

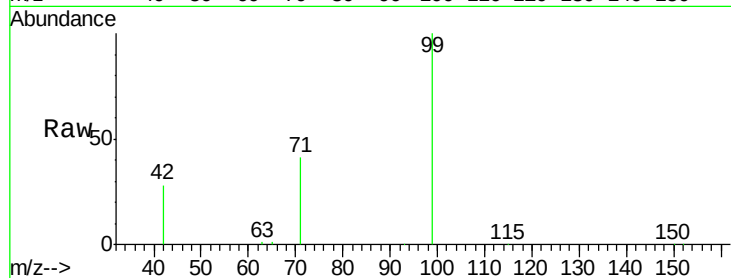
Tgt Ion: 99 Resp: 46192

Ion Ratio Lower Upper

99 100

42 24.1 19.9 29.9

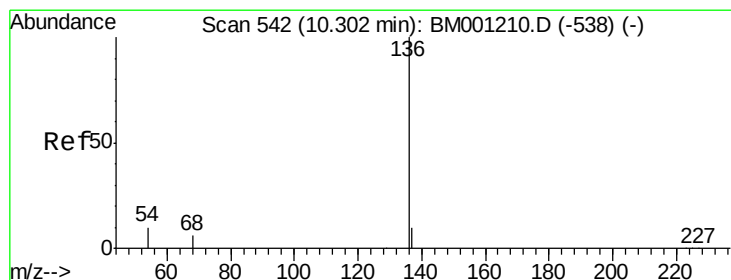
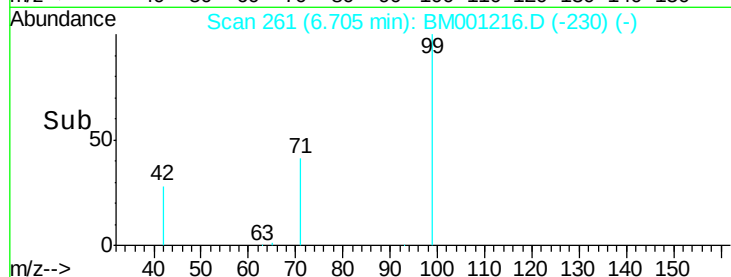
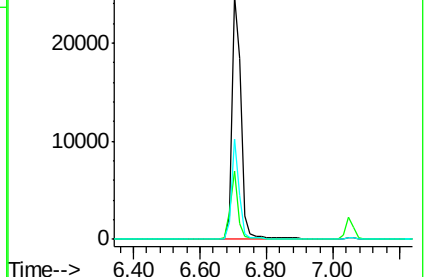
71 35.3 27.8 41.6



Abundance Ion 99.00 (98.70 to 99.70): BM001216.D (-230) (-)

Ion 42.00 (41.70 to 42.70): BM001216.D (-230) (-)

Ion 71.00 (70.70 to 71.70): BM001216.D (-230) (-)



#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.30 min Scan# 542

Delta R.T. 0.00 min

Lab File: BM001216.D

Acq: 05 May 2015 20:04

Tgt Ion: 136 Resp: 51515

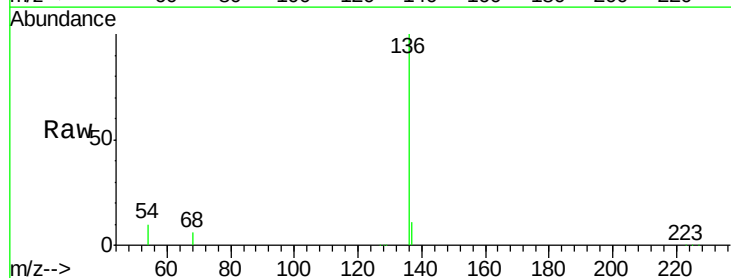
Ion Ratio Lower Upper

136 100

137 10.5 8.4 12.6

54 10.5 8.3 12.5

68 6.2 4.2 6.4

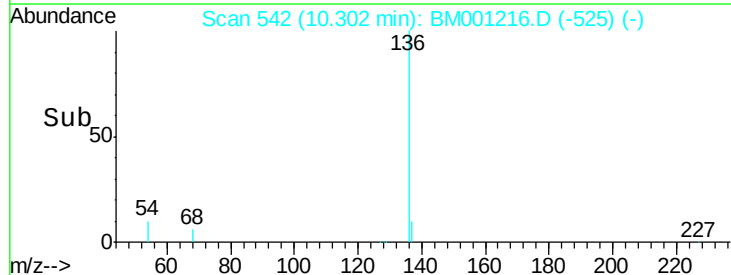
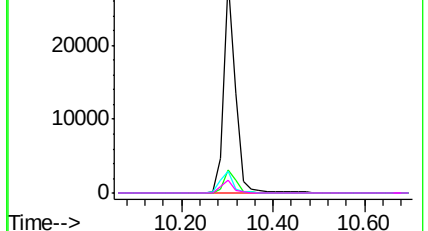


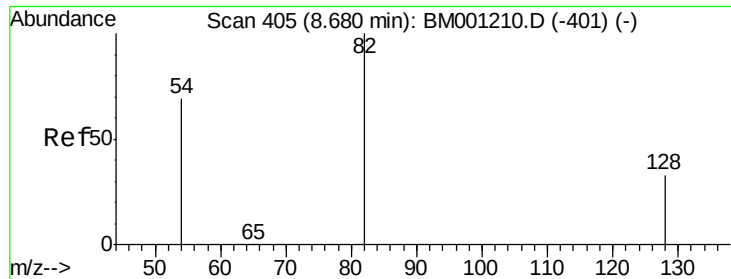
Abundance Ion 136.00 (135.70 to 136.70): BM001216.D (-525) (-)

Ion 137.00 (136.70 to 137.70): BM001216.D (-525) (-)

Ion 54.00 (53.70 to 54.70): BM001216.D (-525) (-)

Ion 68.00 (67.70 to 68.70): BM001216.D (-525) (-)





#7

Nitrobenzene-d5

Concen: 9.05 ng

RT: 8.68 min Scan# 405

Delta R.T. 0.00 min

Lab File: BM001216.D

Acq: 05 May 2015 20:04

Instrument :

BNA_M

ClientSampleId :

PB83182BL

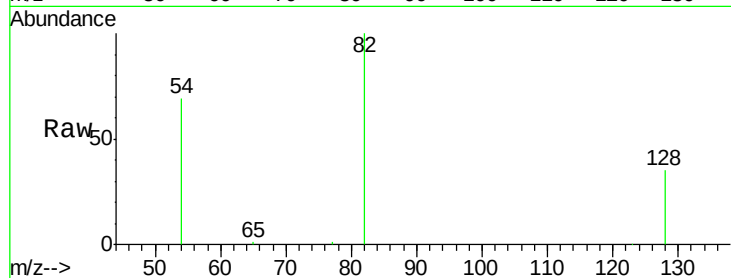
Tgt Ion: 82 Resp: 26376

Ion Ratio Lower Upper

82 100

128 34.7 27.8 41.6

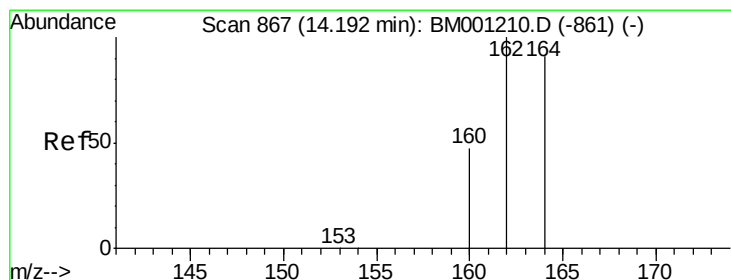
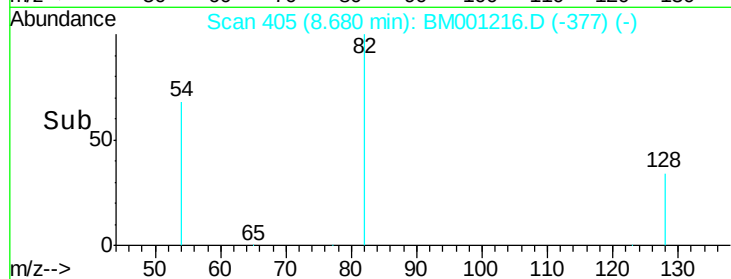
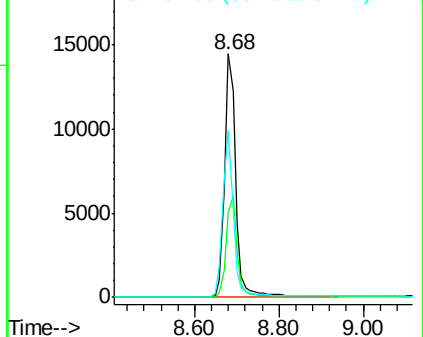
54 68.5 56.0 84.0



Abundance Ion 82.00 (81.70 to 82.70): BM001216.D (-377) (-)

Ion 128.00 (127.70 to 128.70): BM001216.D (-377) (-)

Ion 54.00 (53.70 to 54.70): BM001216.D (-377) (-)



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.19 min Scan# 867

Delta R.T. 0.00 min

Lab File: BM001216.D

Acq: 05 May 2015 20:04

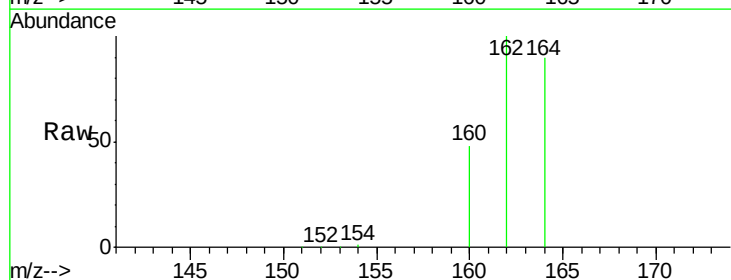
Tgt Ion: 164 Resp: 31612

Ion Ratio Lower Upper

164 100

162 111.6 82.7 124.1

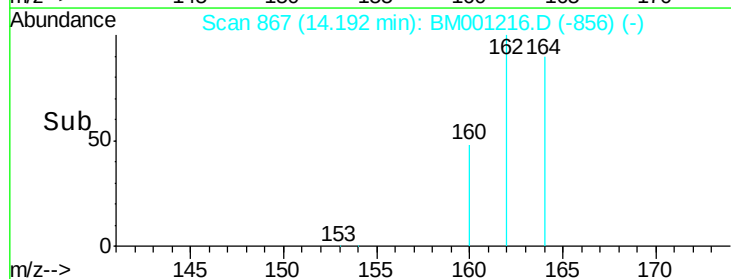
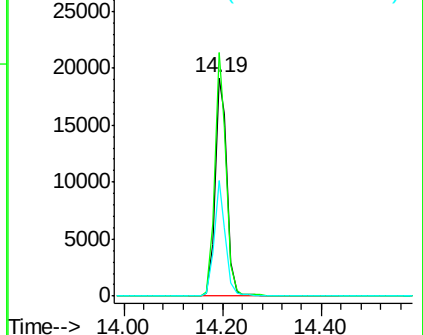
160 53.3 35.8 53.8

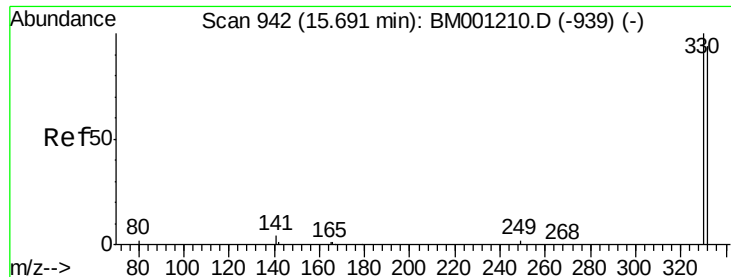


Abundance Ion 164.00 (163.70 to 164.70): BM001216.D (-856) (-)

Ion 162.00 (161.70 to 162.70): BM001216.D (-856) (-)

Ion 160.00 (159.70 to 160.70): BM001216.D (-856) (-)

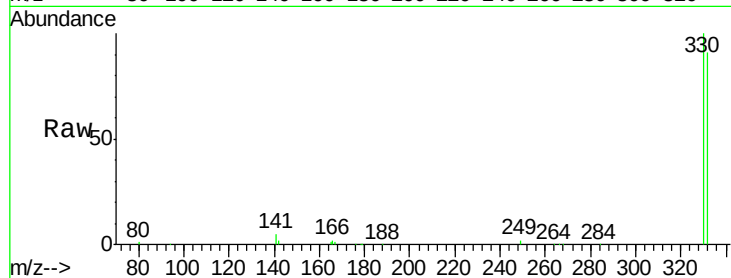




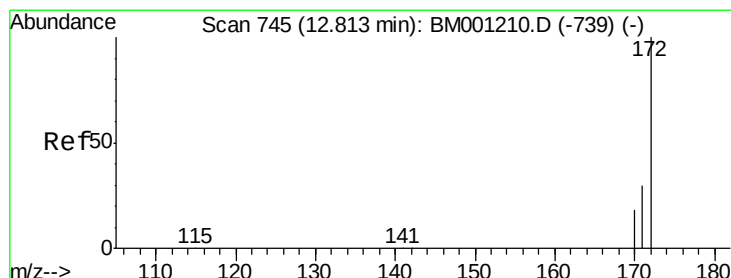
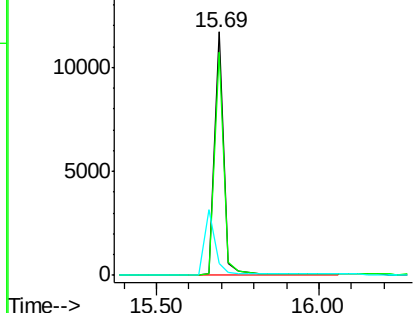
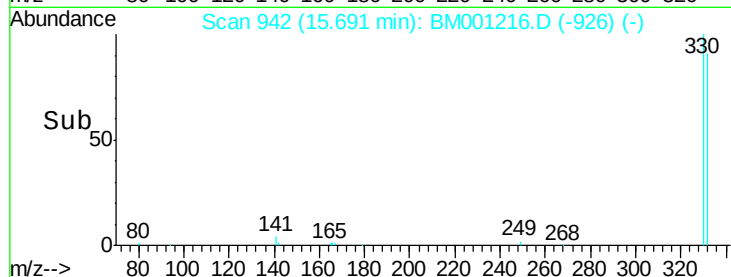
#13
 2,4,6-Tribromophenol
 Concen: 10.17 ng
 RT: 15.69 min Scan# 942
 Delta R.T. 0.00 min
 Lab File: BM001216.D
 Acq: 05 May 2015 20:04

Instrument :
 BNA_M
 ClientSampleId :
 PB83182BL

Tgt Ion:330 Resp: 23126
 Ion Ratio Lower Upper
 330 100
 332 92.5 75.4 113.2
 141 0.0 0.0 0.0

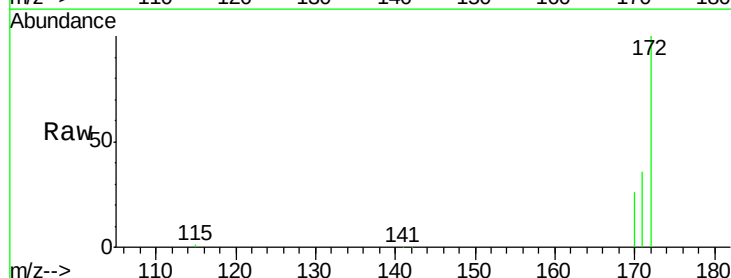


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

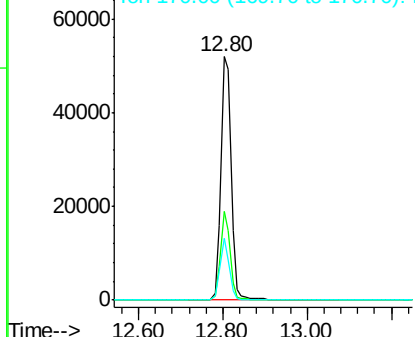
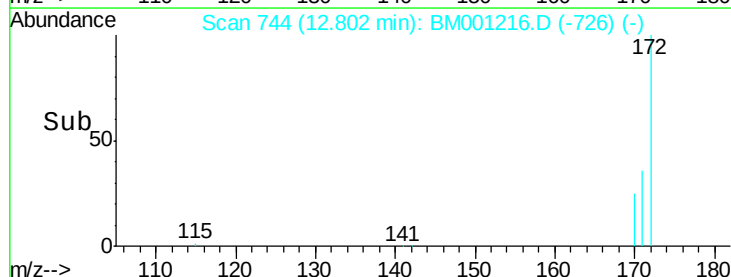


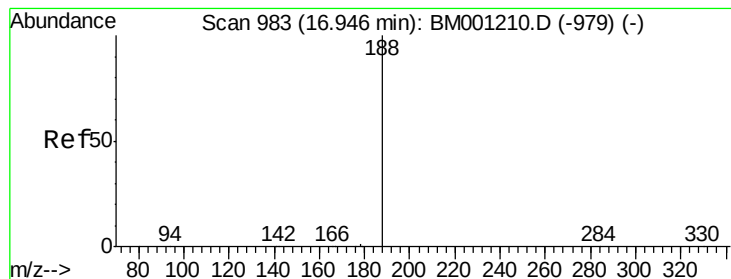
#14
 2-Fluorobiphenyl
 Concen: 9.04 ng
 RT: 12.80 min Scan# 744
 Delta R.T. -0.01 min
 Lab File: BM001216.D
 Acq: 05 May 2015 20:04

Tgt Ion:172 Resp: 87348
 Ion Ratio Lower Upper
 172 100
 171 36.2 24.6 37.0
 170 25.5 14.5 21.7#



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 16.95 min Scan# 983

Delta R.T. 0.00 min

Lab File: BM001216.D

Acq: 05 May 2015 20:04

Instrument :

BNA_M

ClientSampled :

PB83182BL

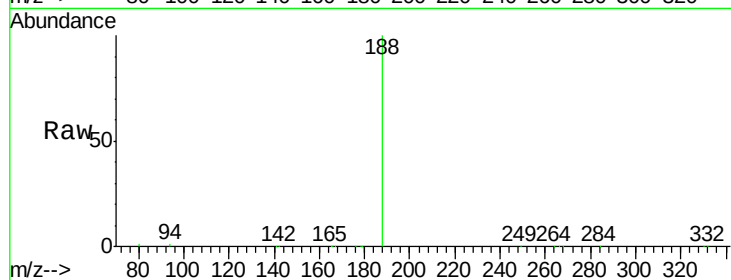
Tgt Ion:188 Resp: 54230

Ion Ratio Lower Upper

188 100

94 1.0 8.2 12.2#

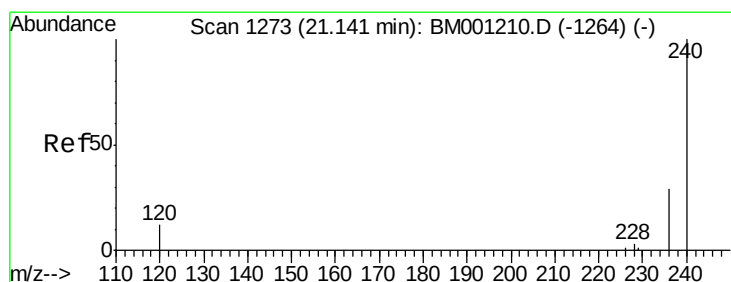
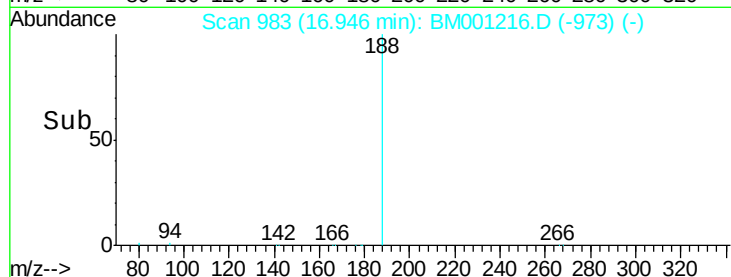
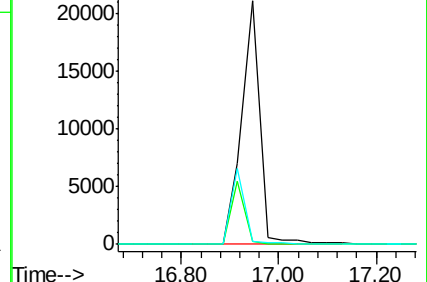
80 1.0 8.9 13.3#



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: 21.14 min Scan# 1273

Delta R.T. 0.00 min

Lab File: BM001216.D

Acq: 05 May 2015 20:04

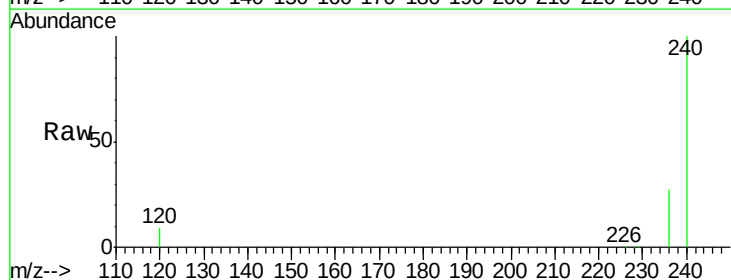
Tgt Ion:240 Resp: 68592

Ion Ratio Lower Upper

240 100

120 8.9 9.6 14.4#

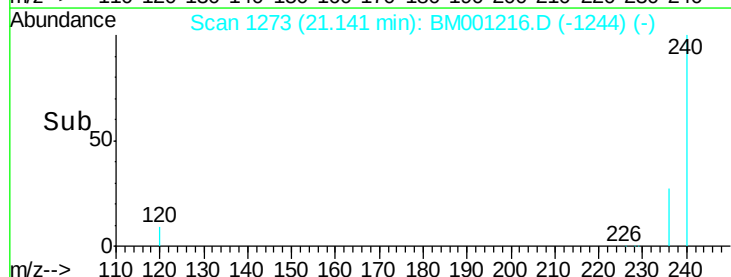
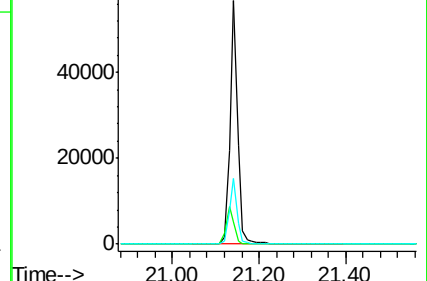
236 27.2 22.9 34.3

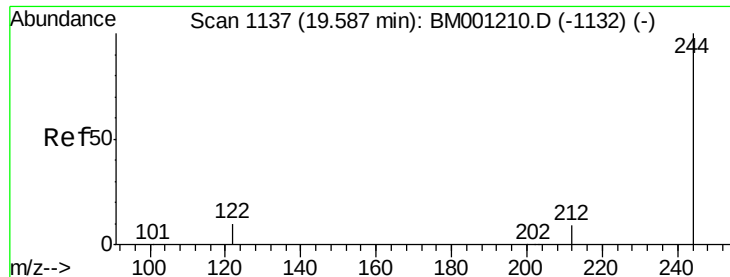


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#26

Terphenyl-d14

Concen: 8.78 ng

RT: 19.59 min Scan# 1137

Delta R.T. 0.00 min

Lab File: BM001216.D

Acq: 05 May 2015 20:04

Instrument :

BNA_M

ClientSampleId :

PB83182BL

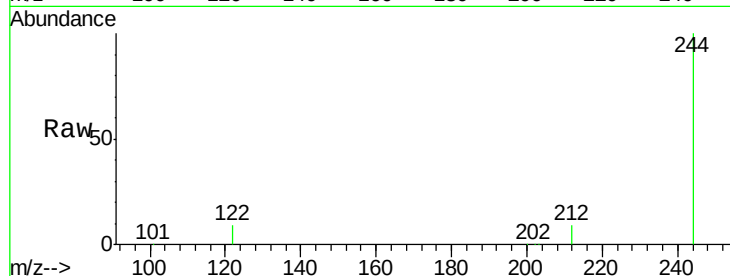
Tgt Ion:244 Resp: 86259

Ion Ratio Lower Upper

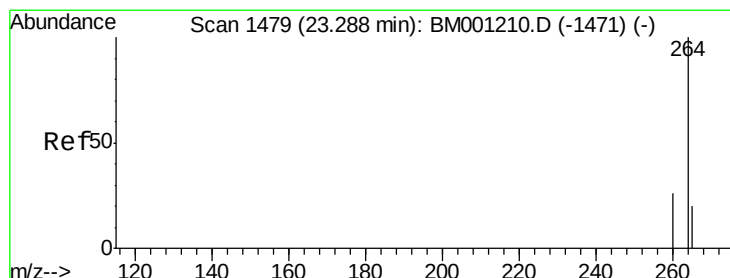
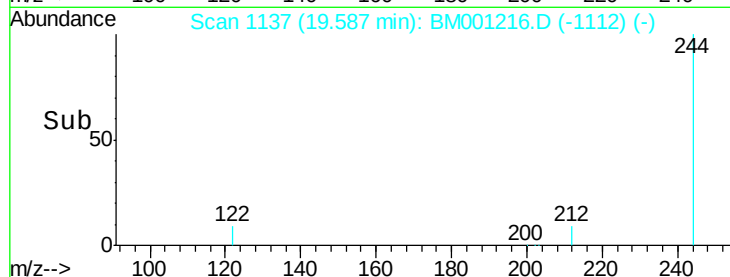
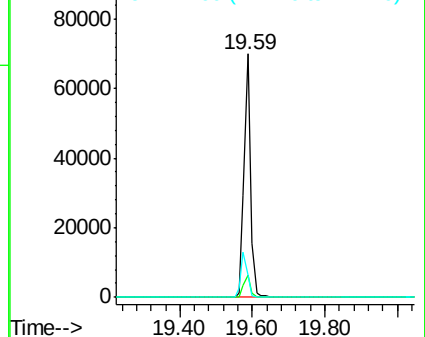
244 100

212 8.9 7.4 11.0

122 8.8 8.2 12.4



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: 23.29 min Scan# 1479

Delta R.T. 0.00 min

Lab File: BM001216.D

Acq: 05 May 2015 20:04

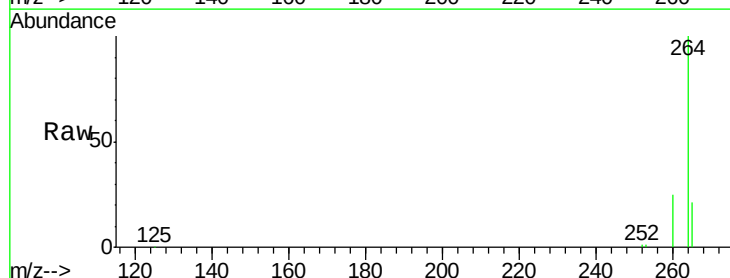
Tgt Ion:264 Resp: 56717

Ion Ratio Lower Upper

264 100

260 25.1 20.5 30.7

265 21.4 16.8 25.2



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

