

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052815\
 Data File : BM001432.D
 Acq On : 28 May 2015 17:50
 Operator : TP/IZ
 Sample : PB83634BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB83634BL

Quant Time: May 29 03:38:06 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SIM-BM052815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 28 15:41:25 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	12174	5.00	ng	0.00
6) Naphthalene-d8	10.16	136	38847	5.00	ng	0.00
9) Acenaphthene-d10	14.07	164	24206	5.00	ng	0.00
15) Phenanthrene-d10	16.81	188	57713	5.00	ng	0.00
17) Chrysene-d12	21.03	240	52643	5.00	ng	0.00
21) Perylene-d12	23.12	264	47490	5.00	ng	0.00
System Monitoring Compounds						
2) 2-Fluorophenol	4.97	112	23982	12.83	ng	0.00
3) Phenol-d6	6.57	99	27058	13.80	ng	-0.03
7) Nitrobenzene-d5	8.53	82	17952	8.64	ng	0.00
10) 2,4,6-Tribromophenol	15.58	330	10012	9.94	ng	0.00
11) 2-Fluorobiphenyl	12.68	172	55149	8.21	ng	0.00
18) Terphenyl-d14	19.48	244	55162	8.43	ng	0.00

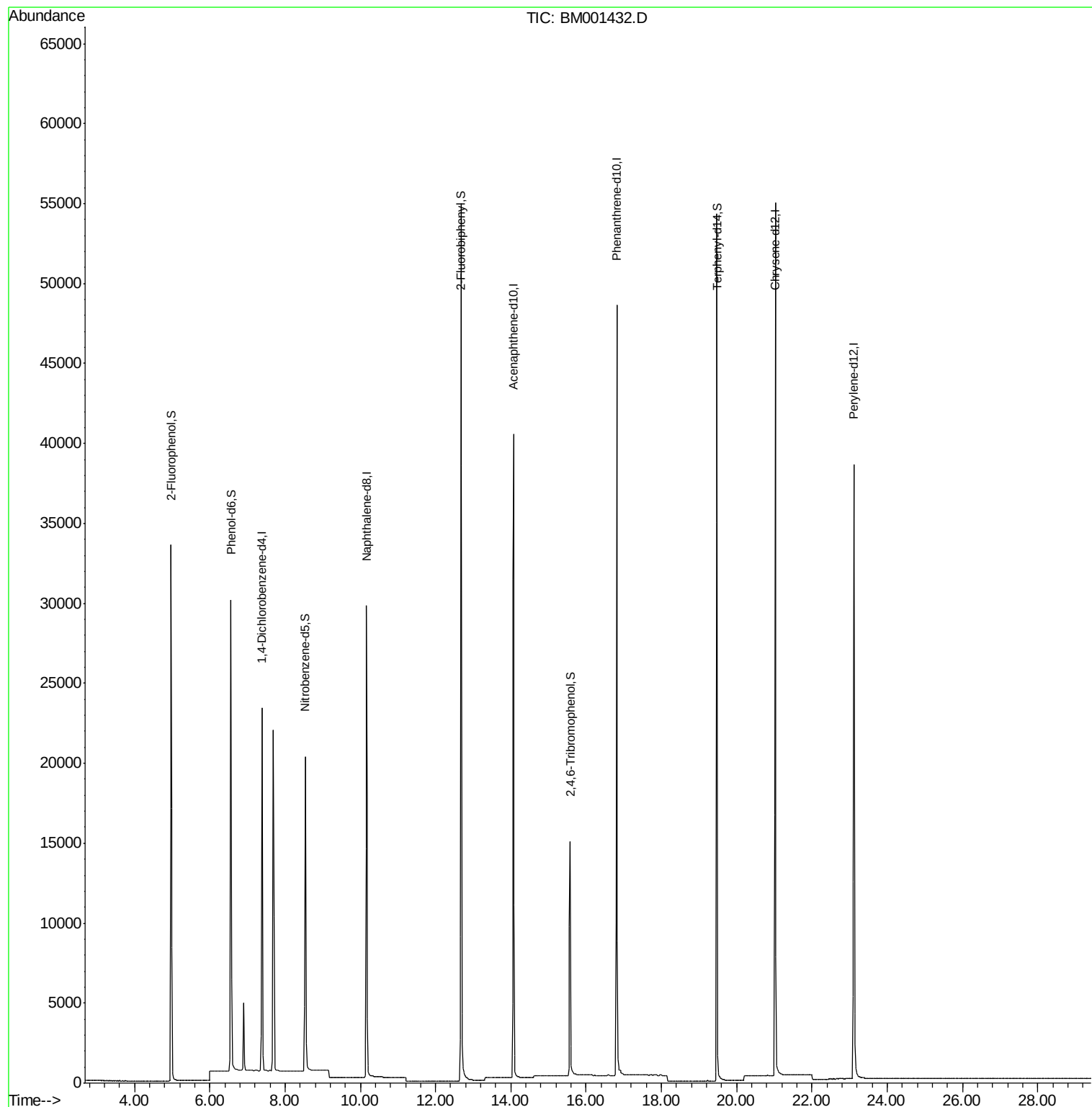
Target Compounds	Qvalue
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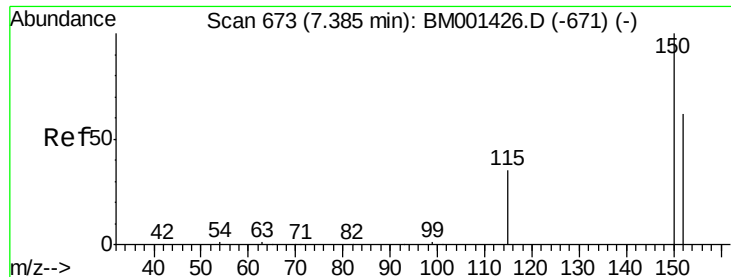
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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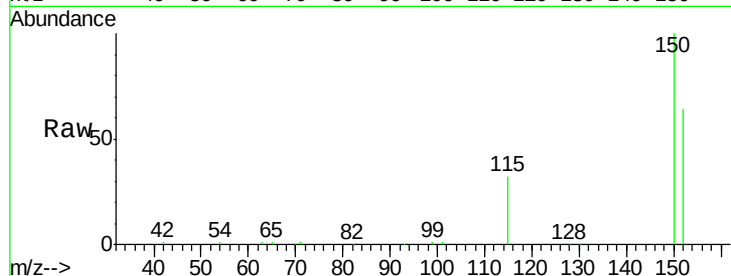


#1

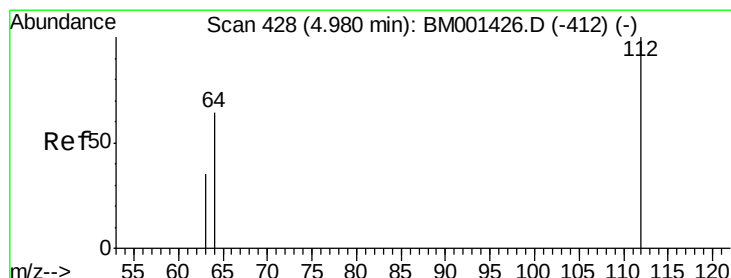
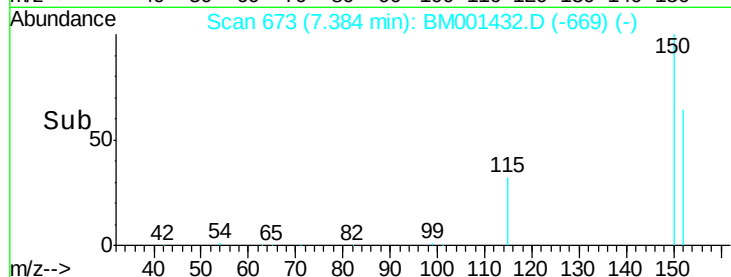
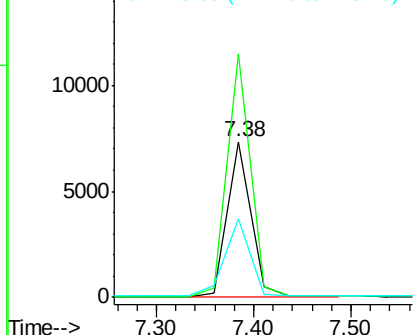
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.38 min Scan# 673
Delta R.T. -0.00 min
Lab File: BM001432.D
Acq: 28 May 2015 17:50

Instrument :
BNA_M
ClientSampleId :
PB83634BL

Tgt Ion:152 Resp: 12174
Ion Ratio Lower Upper
152 100
150 156.2 128.4 192.6
115 50.4 45.6 68.4



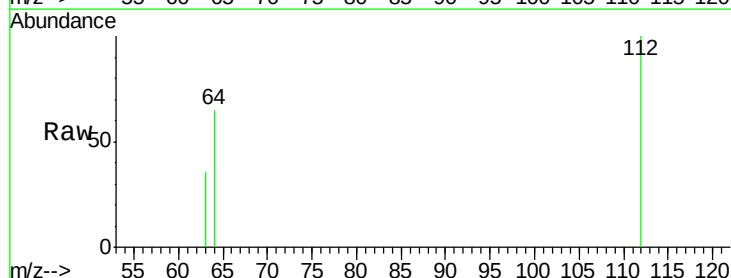
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



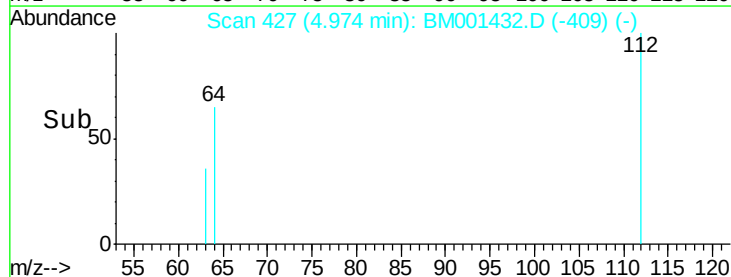
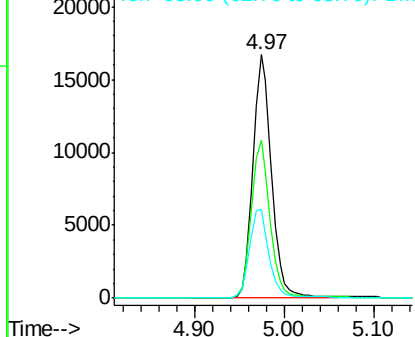
#2

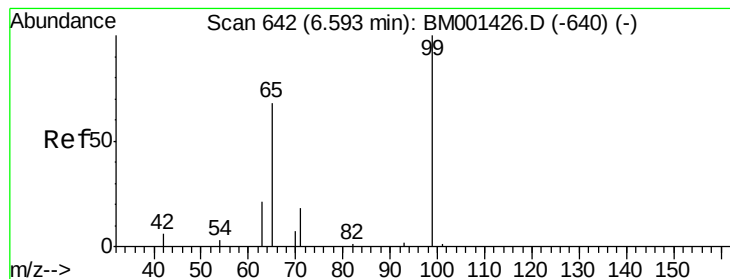
2-Fluorophenol
Concen: 12.83 ng
RT: 4.97 min Scan# 427
Delta R.T. -0.01 min
Lab File: BM001432.D
Acq: 28 May 2015 17:50

Tgt Ion:112 Resp: 23982
Ion Ratio Lower Upper
112 100
64 64.9 52.1 78.1
63 36.4 30.2 45.2



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





#3

Phenol-d6

Concen: 13.80 ng

RT: 6.57 min Scan# 641

Delta R.T. -0.03 min

Lab File: BM001432.D

Acq: 28 May 2015 17:50

Instrument :

BNA_M

ClientSampleId :

PB83634BL

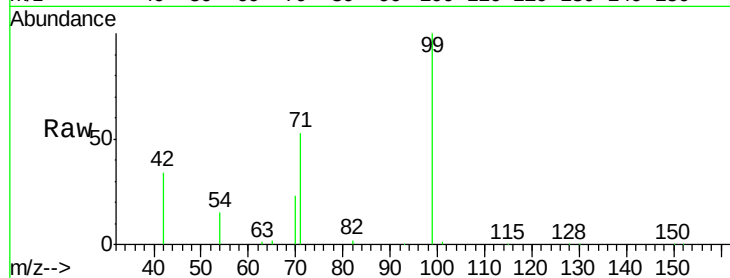
Tgt Ion: 99 Resp: 27058

Ion Ratio Lower Upper

99 100

42 34.5 13.7 20.5#

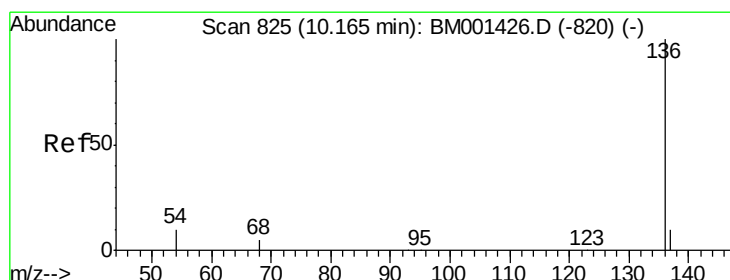
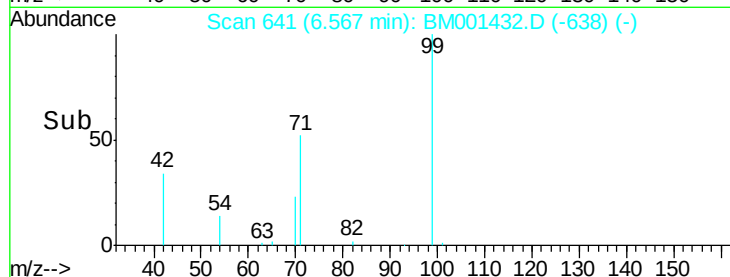
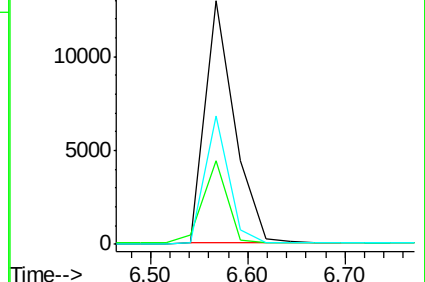
71 52.7 19.8 29.6#



Abundance Ion 99.00 (98.70 to 99.70): BM001432.D (-638) (-)

Ion 42.00 (41.70 to 42.70): BM001432.D (-638) (-)

Ion 71.00 (70.70 to 71.70): BM001432.D (-638) (-)



#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.16 min Scan# 825

Delta R.T. -0.00 min

Lab File: BM001432.D

Acq: 28 May 2015 17:50

Tgt Ion: 136 Resp: 38847

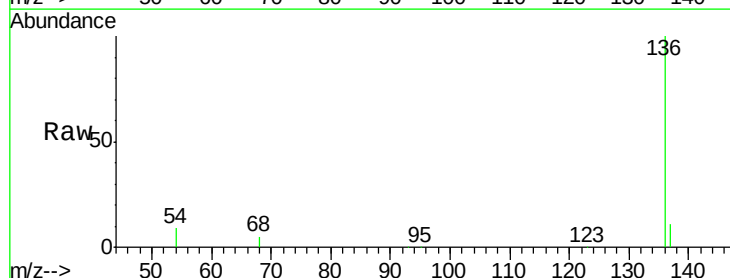
Ion Ratio Lower Upper

136 100

137 10.7 8.3 12.5

54 9.4 8.2 12.4

68 5.2 4.5 6.7

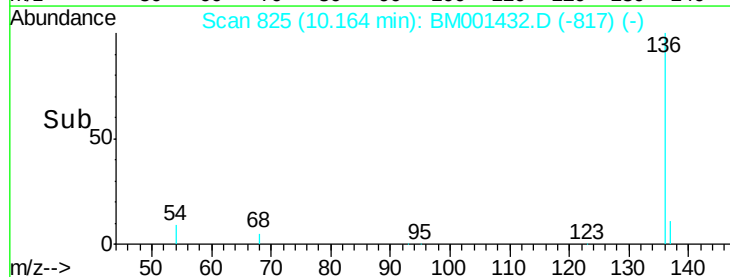
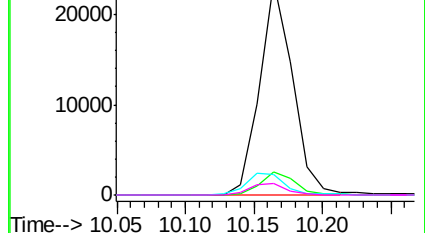


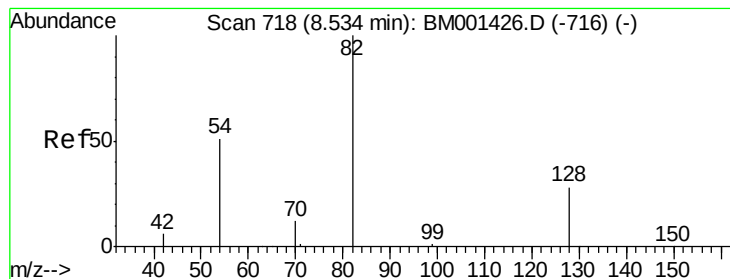
Abundance Ion 136.00 (135.70 to 136.70): BM001432.D (-817) (-)

Ion 137.00 (136.70 to 137.70): BM001432.D (-817) (-)

Ion 54.00 (53.70 to 54.70): BM001432.D (-817) (-)

Ion 68.00 (67.70 to 68.70): BM001432.D (-817) (-)





#7

Nitrobenzene-d5

Concen: 8.64 ng

RT: 8.53 min Scan# 718

Delta R.T. -0.00 min

Lab File: BM001432.D

Acq: 28 May 2015 17:50

Instrument :

BNA_M

ClientSampleId :

PB83634BL

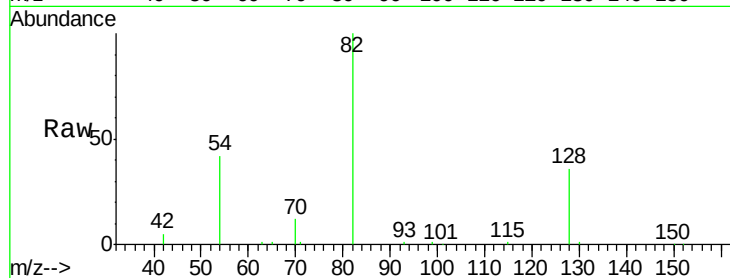
Tgt Ion: 82 Resp: 17952

Ion Ratio Lower Upper

82 100

128 35.7 24.4 36.6

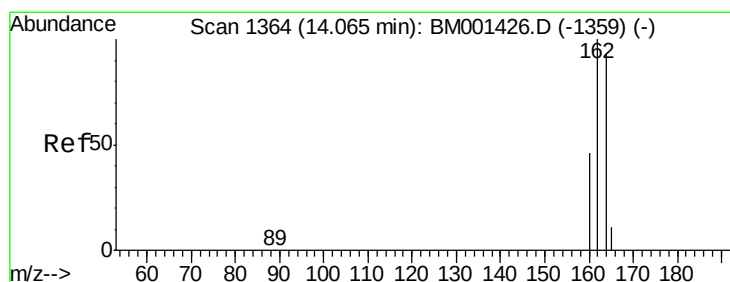
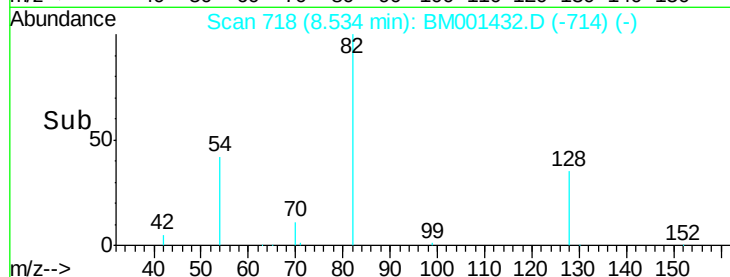
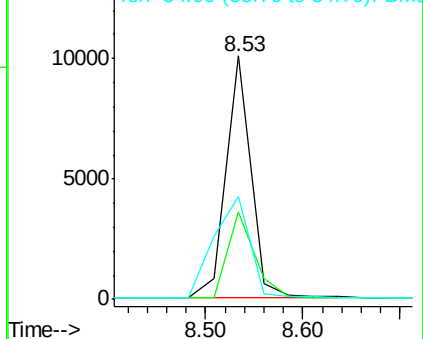
54 42.3 42.3 63.5#



Abundance Ion 82.00 (81.70 to 82.70): BM001432.D (-714) (-)

Ion 128.00 (127.70 to 128.70): BM001432.D (-714) (-)

Ion 54.00 (53.70 to 54.70): BM001432.D (-714) (-)



#9

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.07 min Scan# 1365

Delta R.T. 0.01 min

Lab File: BM001432.D

Acq: 28 May 2015 17:50

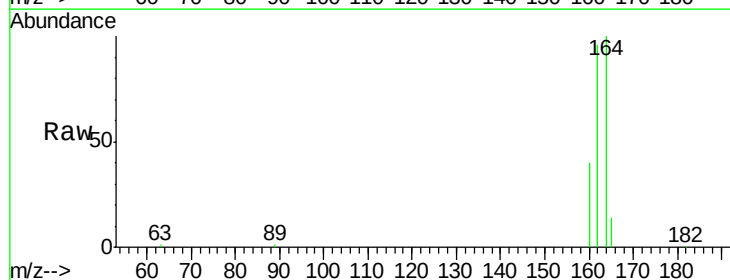
Tgt Ion: 164 Resp: 24206

Ion Ratio Lower Upper

164 100

162 96.5 86.2 129.2

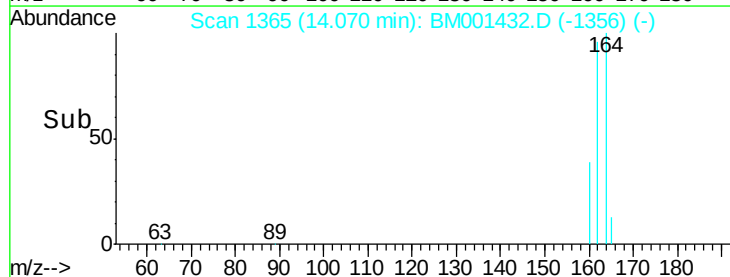
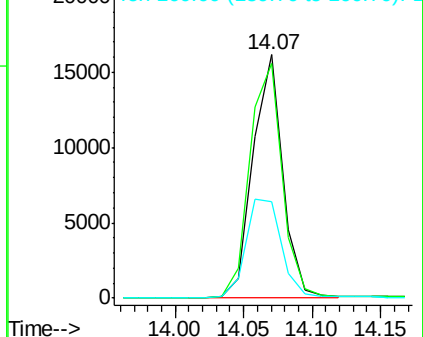
160 39.5 39.4 59.2

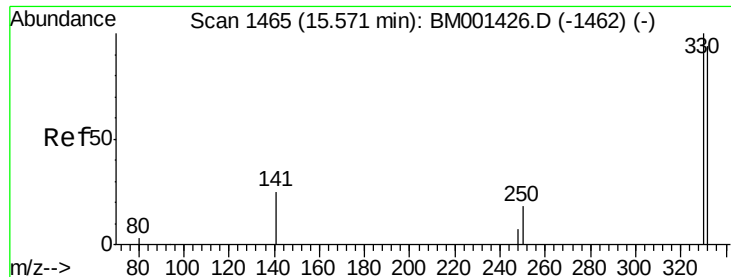


Abundance Ion 164.00 (163.70 to 164.70): BM001432.D (-1356) (-)

Ion 162.00 (161.70 to 162.70): BM001432.D (-1356) (-)

Ion 160.00 (159.70 to 160.70): BM001432.D (-1356) (-)

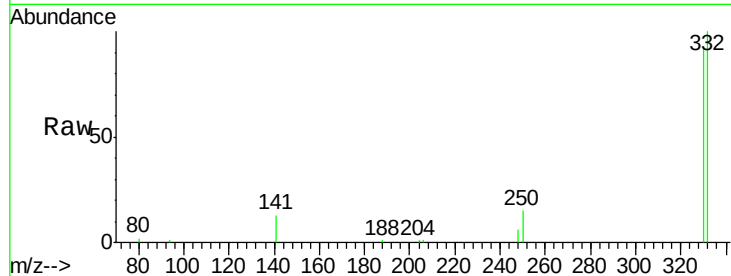




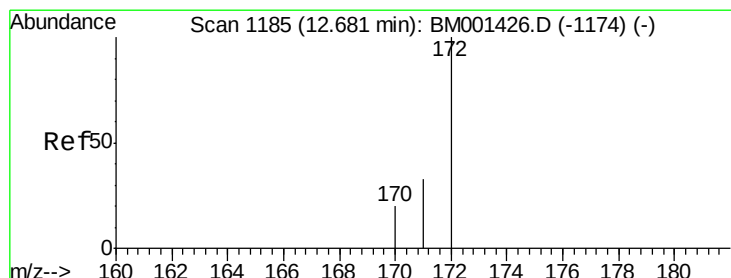
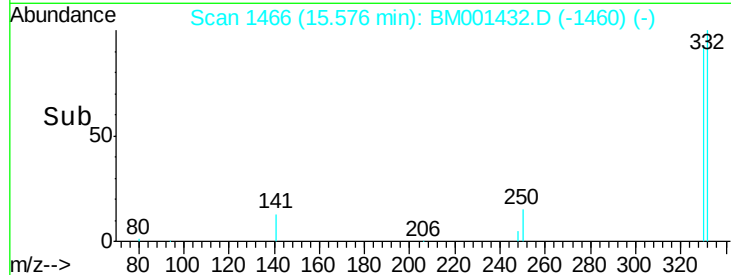
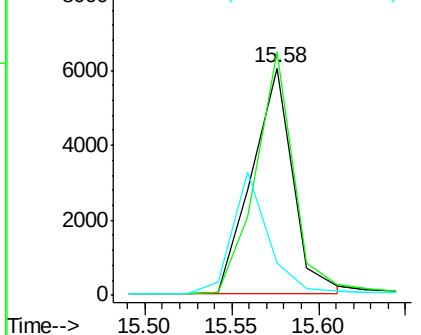
#10
 2,4,6-Tribromophenol
 Concen: 9.94 ng
 RT: 15.58 min Scan# 1466
 Delta R.T. 0.01 min
 Lab File: BM001432.D
 Acq: 28 May 2015 17:50

Instrument :
 BNA_M
 ClientSampleId :
 PB83634BL

Tgt Ion:330 Resp: 10012
 Ion Ratio Lower Upper
 330 100
 332 98.4 76.3 114.5
 141 47.1 35.0 52.4

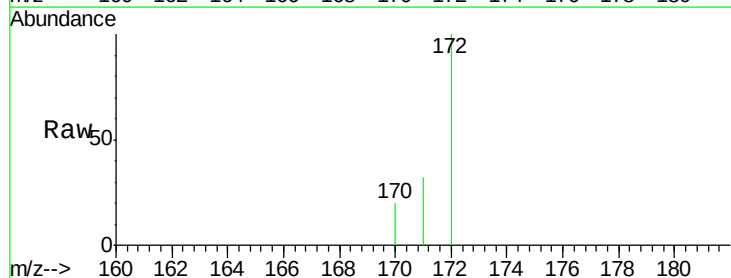


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

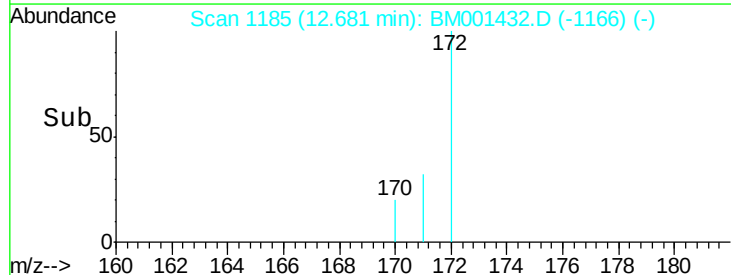
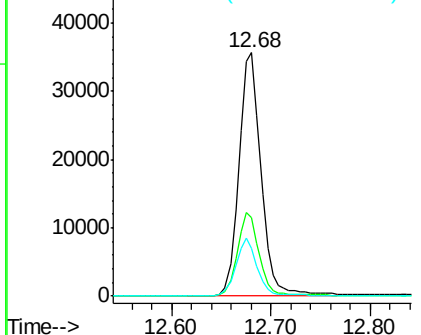


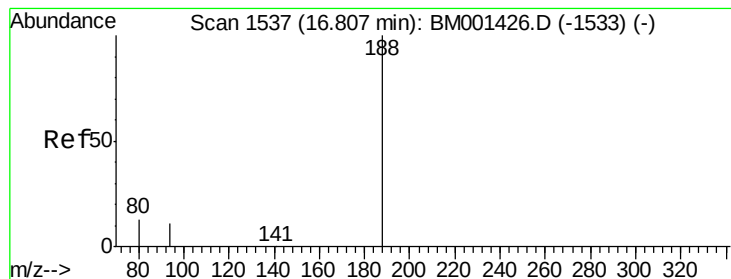
#11
 2-Fluorobiphenyl
 Concen: 8.21 ng
 RT: 12.68 min Scan# 1185
 Delta R.T. -0.00 min
 Lab File: BM001432.D
 Acq: 28 May 2015 17:50

Tgt Ion:172 Resp: 55149
 Ion Ratio Lower Upper
 172 100
 171 32.0 26.9 40.3
 170 19.6 17.1 25.7



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





#15

Phenanthrene-d10

Concen: 5.00 ng

RT: 16.81 min Scan# 1538

Delta R.T. 0.01 min

Lab File: BM001432.D

Acq: 28 May 2015 17:50

Instrument :

BNA_M

ClientSampleId :

PB83634BL

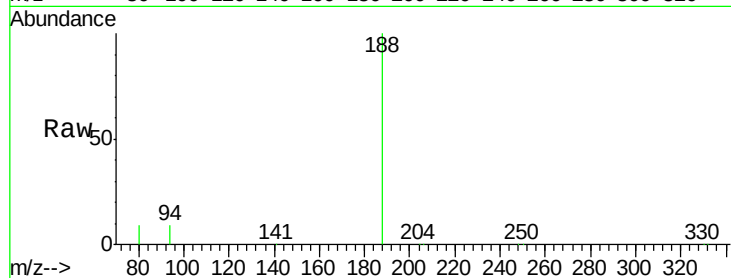
Tgt Ion:188 Resp: 57713

Ion Ratio Lower Upper

188 100

94 8.8 9.0 13.4#

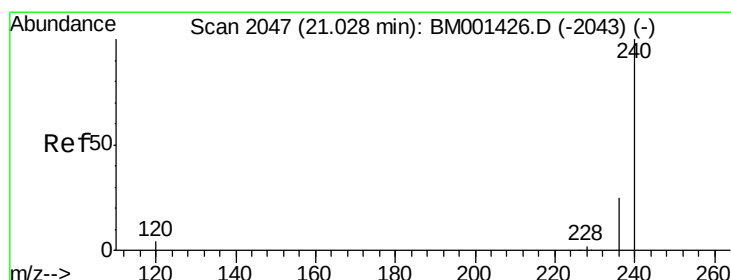
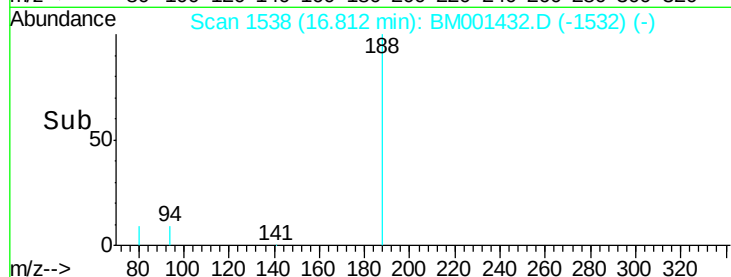
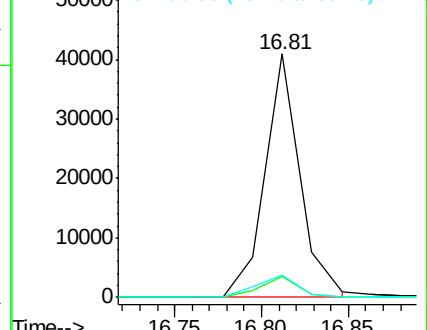
80 9.1 10.6 15.8#



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



#17

Chrysene-d12

Concen: 5.00 ng

RT: 21.03 min Scan# 2049

Delta R.T. -0.00 min

Lab File: BM001432.D

Acq: 28 May 2015 17:50

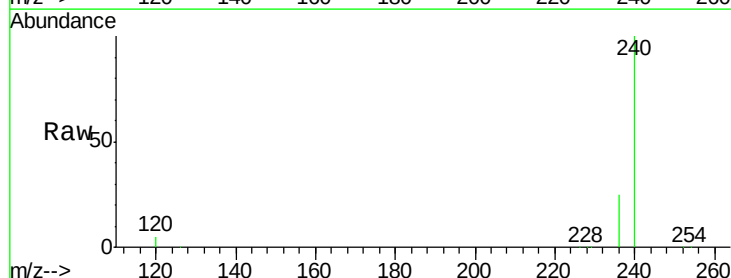
Tgt Ion:240 Resp: 52643

Ion Ratio Lower Upper

240 100

120 5.3 3.2 4.8#

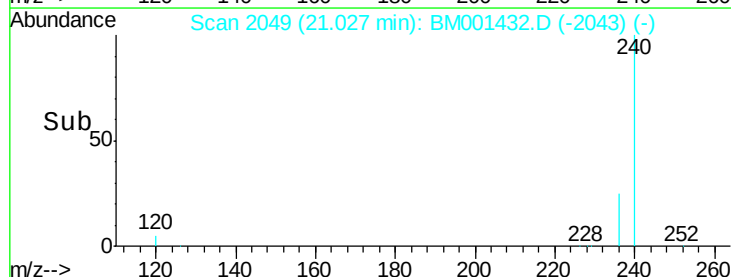
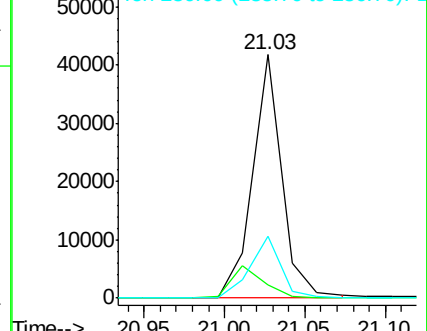
236 25.3 19.8 29.6

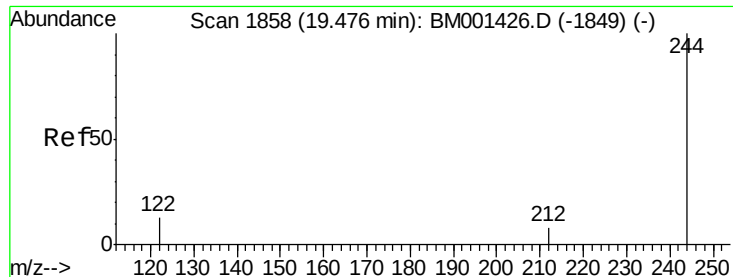


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#18

Terphenyl-d14

Concen: 8.43 ng

RT: 19.48 min Scan# 1860

Delta R.T. -0.00 min

Lab File: BM001432.D

Acq: 28 May 2015 17:50

Instrument :

BNA_M

ClientSampleId :

PB83634BL

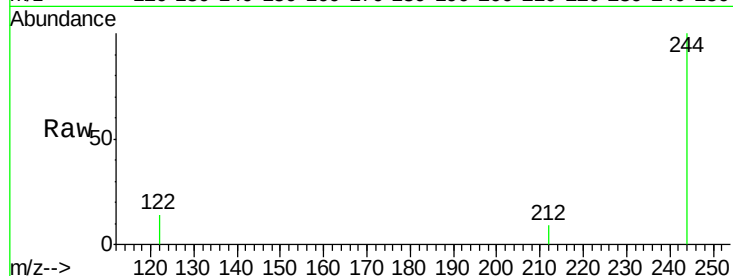
Tgt Ion:244 Resp: 55162

Ion Ratio Lower Upper

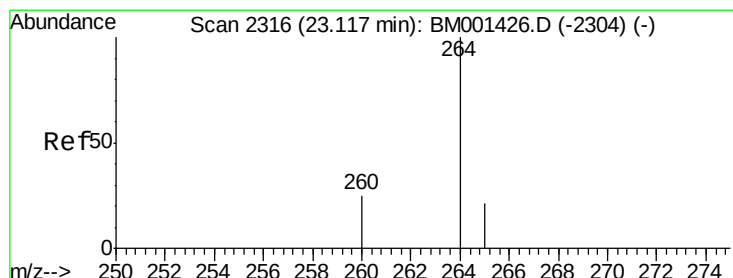
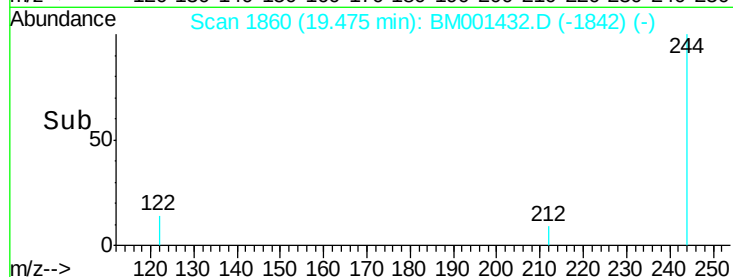
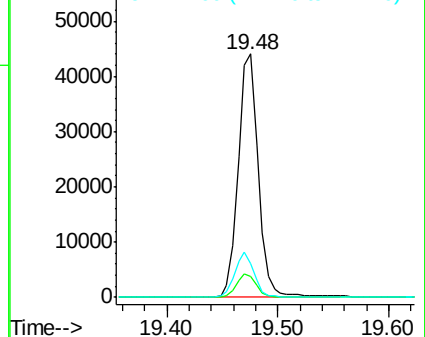
244 100

212 8.8 7.4 11.2

122 13.8 11.4 17.0



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



#21

Perylene-d12

Concen: 5.00 ng

RT: 23.12 min Scan# 2318

Delta R.T. -0.00 min

Lab File: BM001432.D

Acq: 28 May 2015 17:50

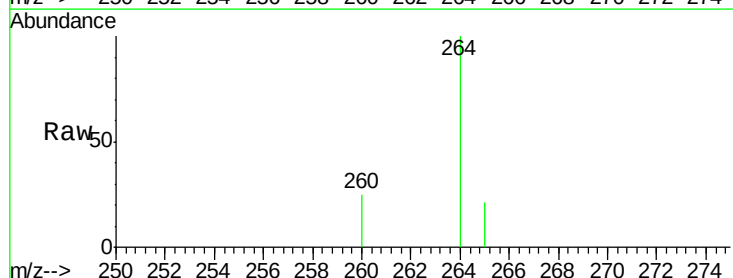
Tgt Ion:264 Resp: 47490

Ion Ratio Lower Upper

264 100

260 25.2 20.1 30.1

265 21.3 17.3 25.9



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

