

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052317\
 Data File : BM010136.D
 Acq On : 23 May 2017 11:43
 Operator : SJ/MA
 Sample : PB99133BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB99133BL

Quant Time: May 23 13:14:59 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM051917.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 20 04:25:49 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	151241	20.00	ng	-0.02
21) Naphthalene-d8	10.77	136	489713	20.00	ng	-0.02
38) Acenaphthene-d10	14.59	164	298780	20.00	ng	-0.02
63) Phenanthrene-d10	17.33	188	725070	20.00	ng	-0.02
75) Chrysene-d12	21.49	240	1134992	20.00	ng	-0.02
86) Perylene-d12	23.86	264	1318671	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	1185909	141.60	ng	-0.02
7) Phenol-d6	7.15	99	1413829	131.19	ng	-0.02
23) Nitrobenzene-d5	9.15	82	910662	100.33	ng	-0.02
41) 2,4,6-Tribromophenol	16.08	330	637524	140.49	ng	-0.02
44) 2-Fluorobiphenyl	13.22	172	2306492	99.24	ng	-0.02
78) Terphenyl-d14	19.93	244	4159201	83.32	ng	-0.02

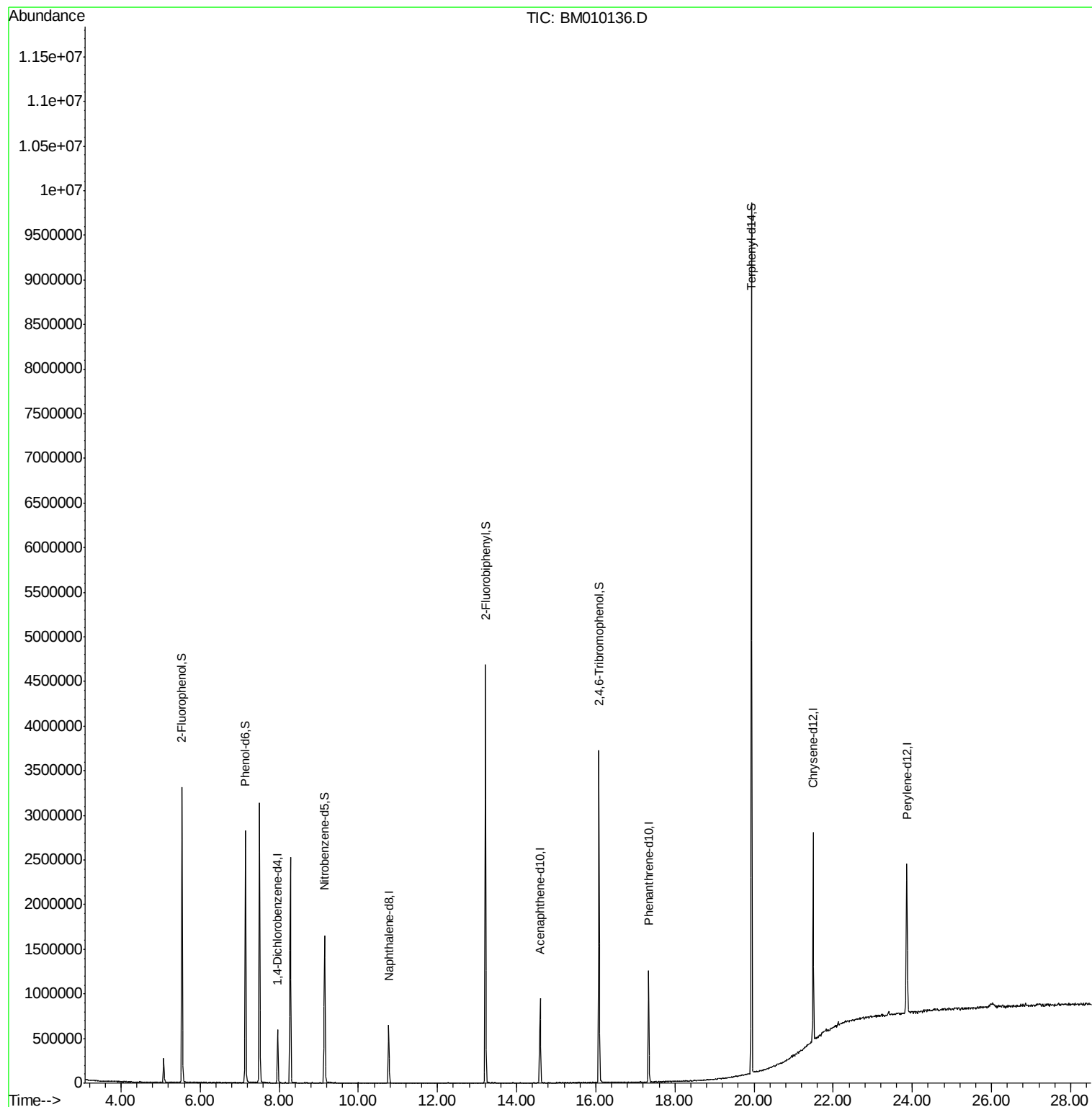
Target Compounds	Qvalue
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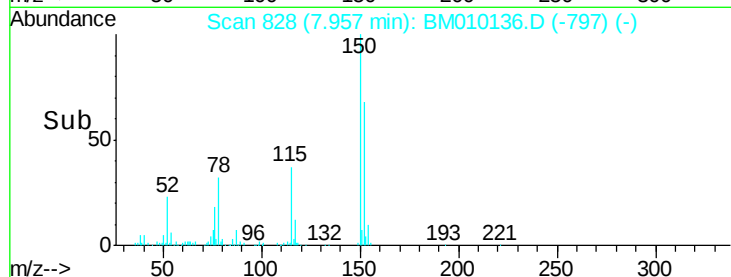
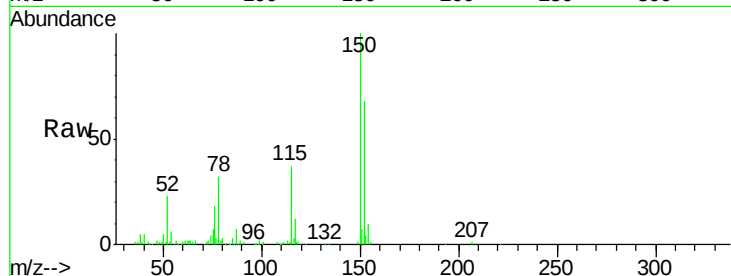
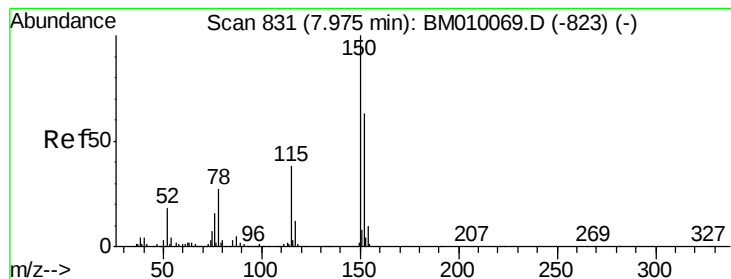
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.96 min Scan# 828

Delta R.T. -0.02 min

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Acq: 23 May 2017 11:43

Instrument :

BNA_M

ClientSampleId :

PB99133BL

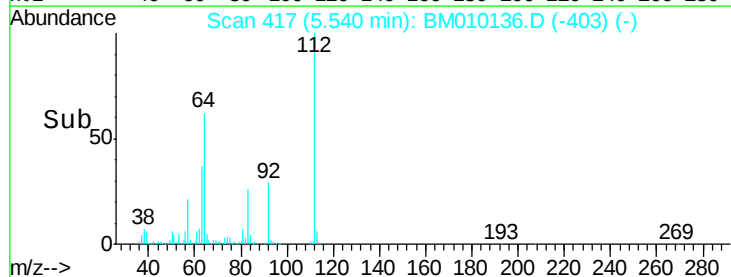
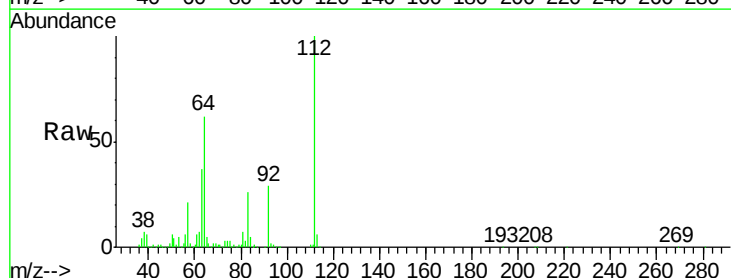
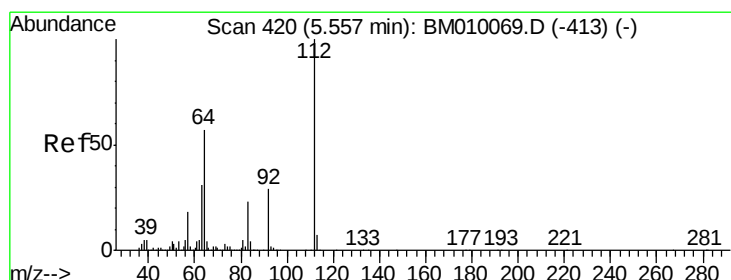
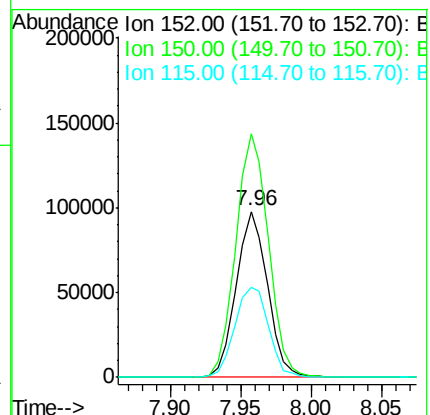
Tgt Ion:152 Resp: 151241

Ion Ratio Lower Upper

152 100

150 146.5 119.5 179.3

115 54.3 43.0 64.4



#5

2-Fluorophenol

Concen: 141.60 ng

RT: 5.54 min Scan# 417

Delta R.T. -0.02 min

Lab File: BM010136.D

Acq: 23 May 2017 11:43

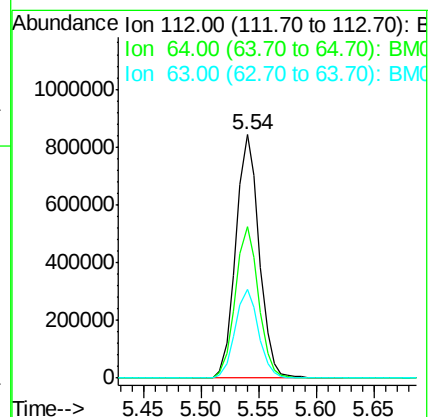
Tgt Ion:112 Resp: 1185909

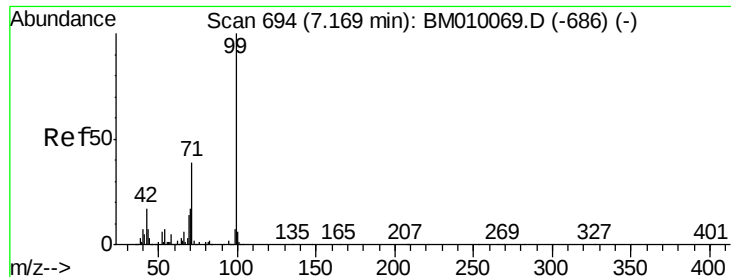
Ion Ratio Lower Upper

112 100

64 62.1 38.6 57.8#

63 36.6 19.3 28.9#





#7

Phenol-d6

Concen: 131.19 ng

RT: 7.15 min Scan# 690

Delta R.T. -0.02 min

Lab File: BM010136.D

Acq: 23 May 2017 11:43

Instrument :

BNA_M

ClientSampleId :

PB99133BL

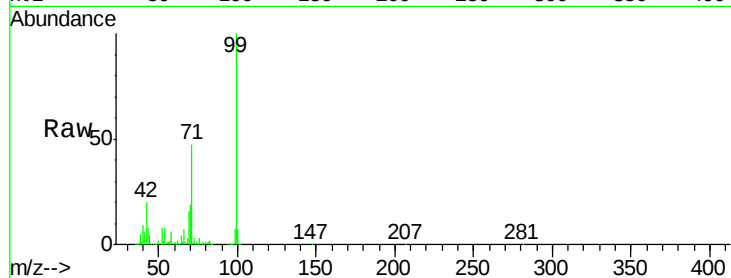
Tgt Ion: 99 Resp: 1413829

Ion Ratio Lower Upper

99 100

42 20.1 11.0 16.4#

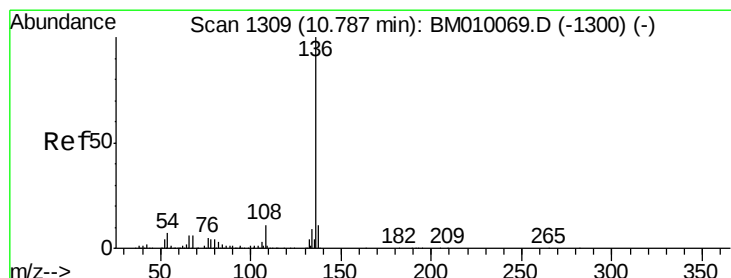
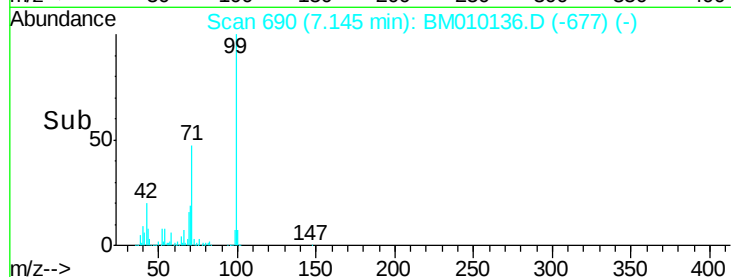
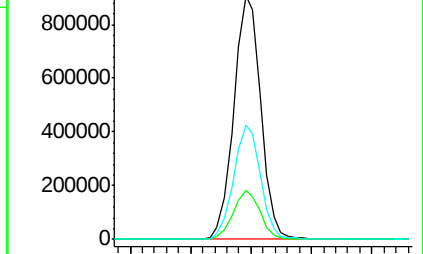
71 46.7 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM010136.D (-677) (-)

Ion 42.00 (41.70 to 42.70): BM010136.D (-677) (-)

Ion 71.00 (70.70 to 71.70): BM010136.D (-677) (-)



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.77 min Scan# 1306

Delta R.T. -0.02 min

Lab File: BM010136.D

Acq: 23 May 2017 11:43

Tgt Ion: 136 Resp: 489713

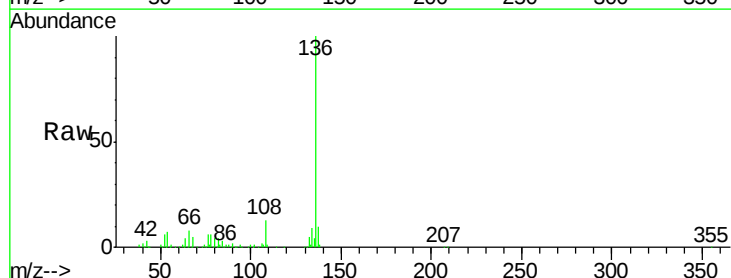
Ion Ratio Lower Upper

136 100

137 10.4 8.7 13.1

54 6.9 4.6 6.8#

68 4.9 3.7 5.5

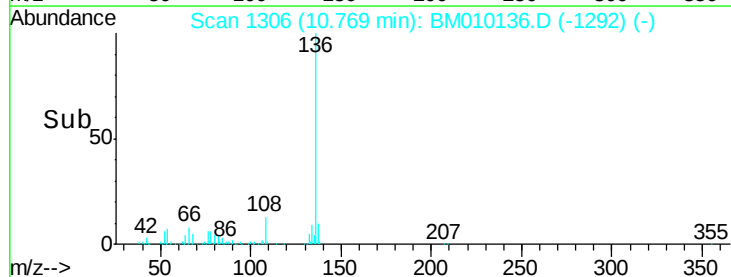
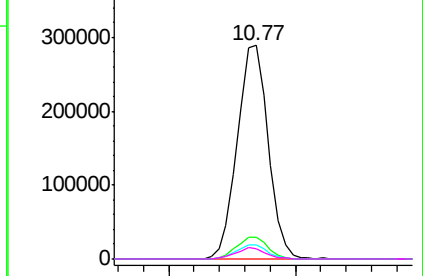


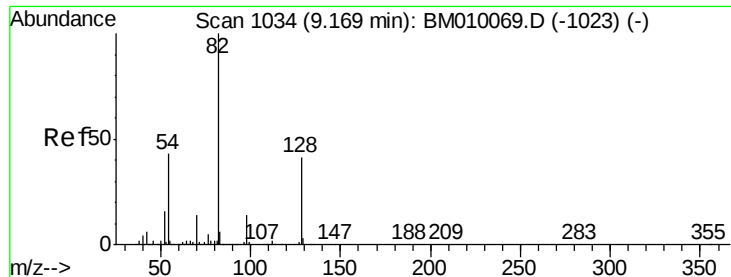
Abundance Ion 136.00 (135.70 to 136.70): BM010136.D (-1292) (-)

Ion 137.00 (136.70 to 137.70): BM010136.D (-1292) (-)

Ion 54.00 (53.70 to 54.70): BM010136.D (-1292) (-)

Ion 68.00 (67.70 to 68.70): BM010136.D (-1292) (-)





#23

Nitrobenzene-d5

Concen: 100.33 ng

RT: 9.15 min Scan# 1030

Delta R.T. -0.02 min

Lab File: BM010136.D

Acq: 23 May 2017 11:43

Instrument :

BNA_M

ClientSampleId :

PB99133BL

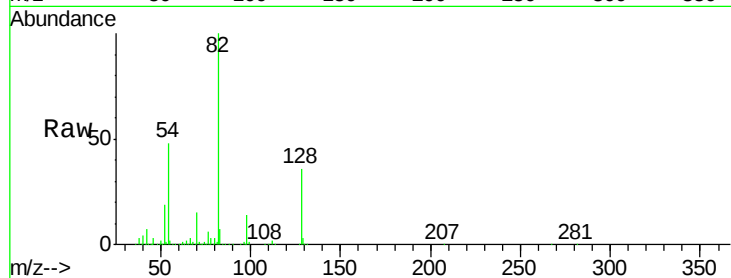
Tgt Ion: 82 Resp: 910662

Ion Ratio Lower Upper

82 100

128 36.0 32.8 49.2

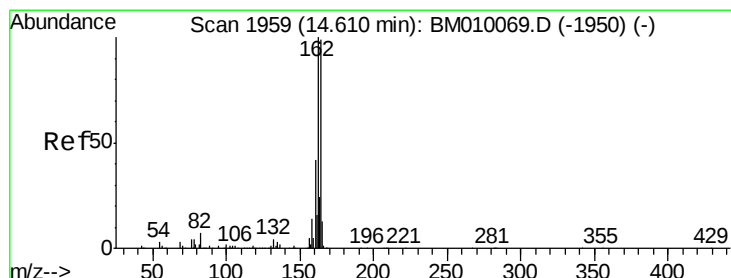
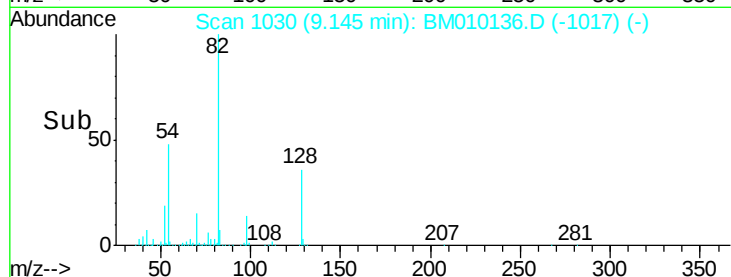
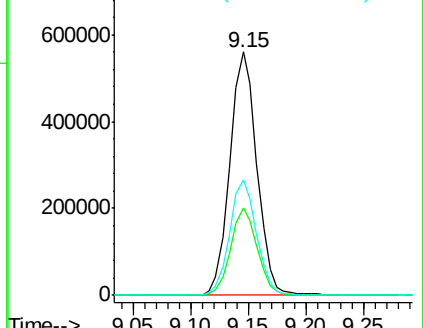
54 47.6 40.6 60.8



Abundance Ion 82.00 (81.70 to 82.70): BM010136.D (-1017) (-)

Ion 128.00 (127.70 to 128.70): BM010136.D (-1017) (-)

Ion 54.00 (53.70 to 54.70): BM010136.D (-1017) (-)



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.59 min Scan# 1956

Delta R.T. -0.02 min

Lab File: BM010136.D

Acq: 23 May 2017 11:43

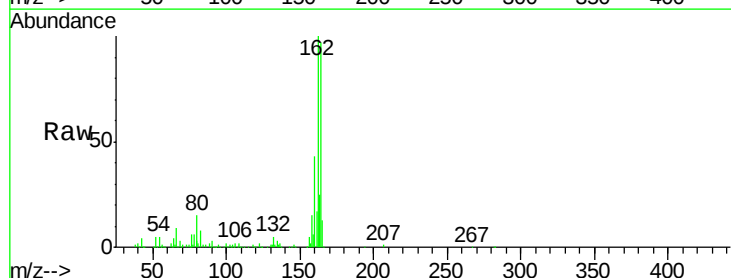
Tgt Ion: 164 Resp: 298780

Ion Ratio Lower Upper

164 100

162 103.0 82.4 123.6

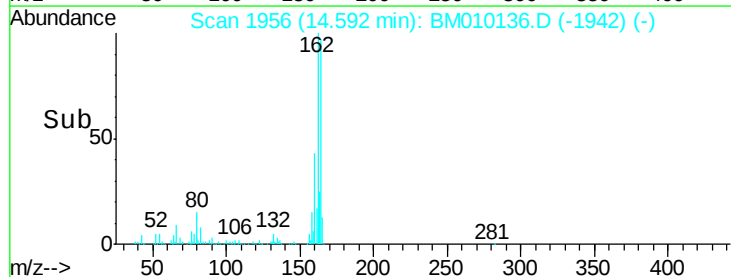
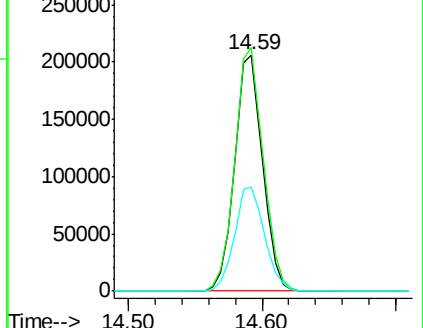
160 44.2 35.8 53.6

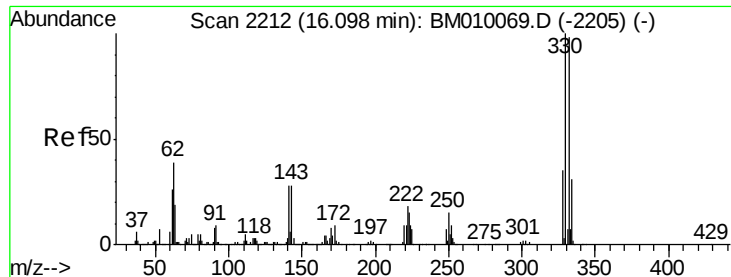


Abundance Ion 164.00 (163.70 to 164.70): BM010136.D (-1942) (-)

Ion 162.00 (161.70 to 162.70): BM010136.D (-1942) (-)

Ion 160.00 (159.70 to 160.70): BM010136.D (-1942) (-)

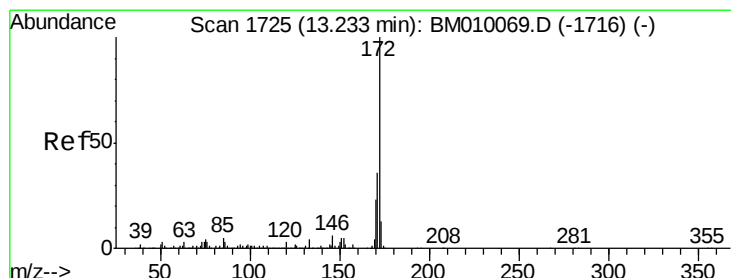
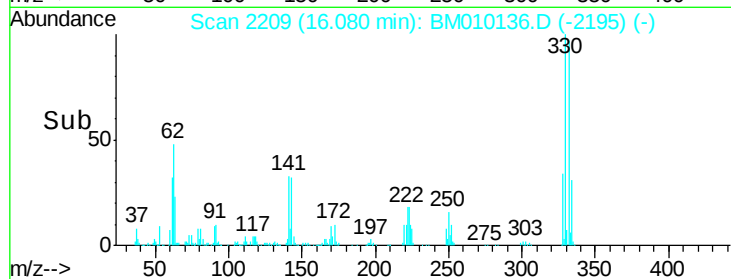
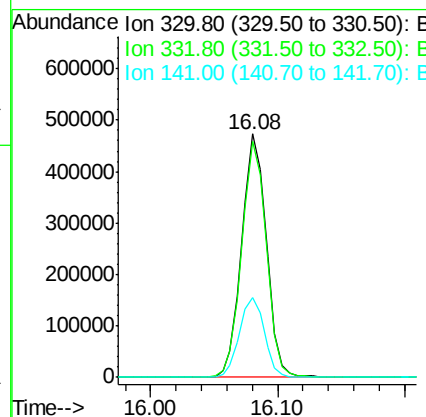
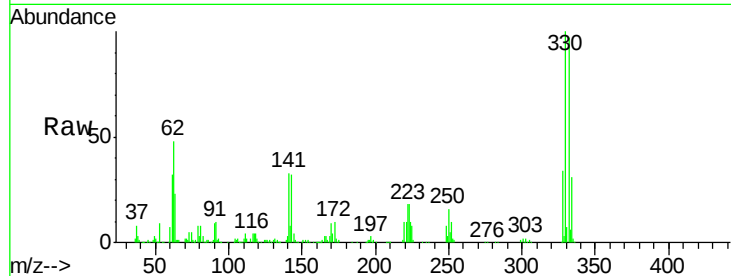




#41
 2,4,6-Tribromophenol
 Concen: 140.49 ng
 RT: 16.08 min Scan# 2209
 Delta R.T. -0.02 min
 Lab File: BM010136.D
 Acq: 23 May 2017 11:43

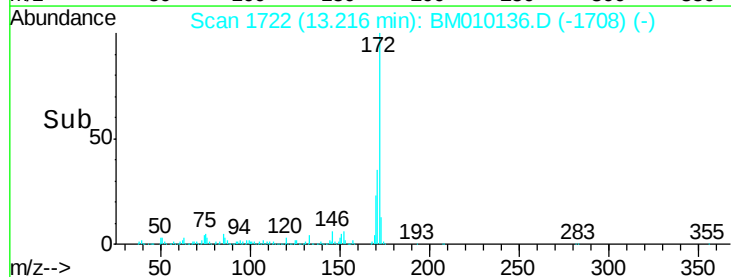
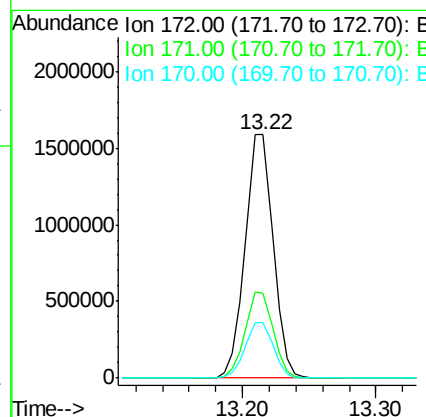
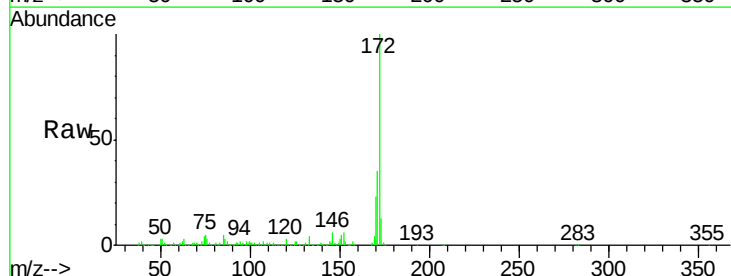
Instrument :
 BNA_M
 ClientSampleId :
 PB99133BL

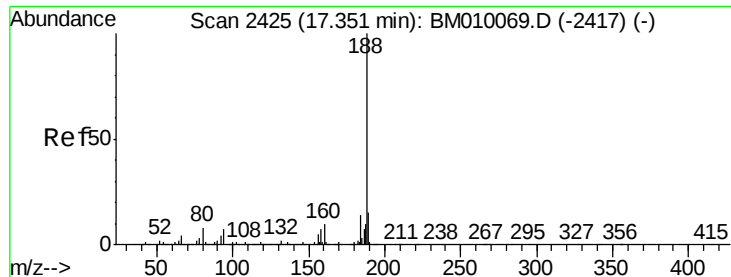
Tgt Ion: 330 Resp: 637524
 Ion Ratio Lower Upper
 330 100
 332 96.8 0.0 0.0#
 141 33.1 0.0 0.0#



#44
 2-Fluorobiphenyl
 Concen: 99.24 ng
 RT: 13.22 min Scan# 1722
 Delta R.T. -0.02 min
 Lab File: BM010136.D
 Acq: 23 May 2017 11:43

Tgt Ion: 172 Resp: 2306492
 Ion Ratio Lower Upper
 172 100
 171 34.8 28.5 42.7
 170 22.6 18.8 28.2





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.33 min Scan# 2422

Delta R.T. -0.02 min

Lab File: BM010136.D

Acq: 23 May 2017 11:43

Instrument :

BNA_M

ClientSampleId :

PB99133BL

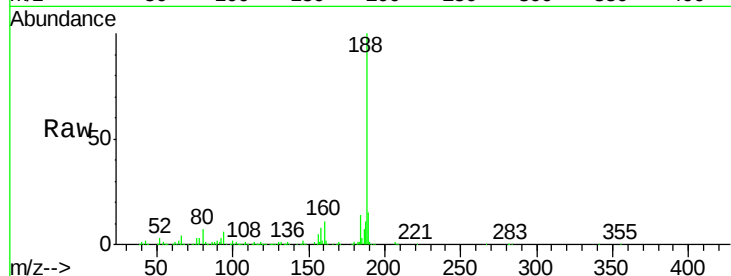
Tgt Ion:188 Resp: 725070

Ion Ratio Lower Upper

188 100

94 6.2 8.7 13.1#

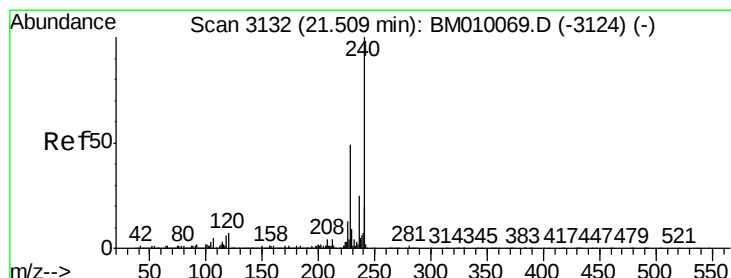
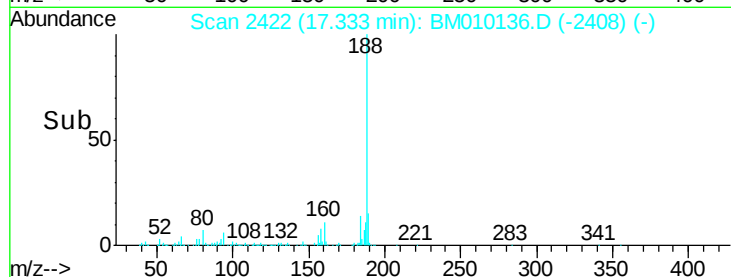
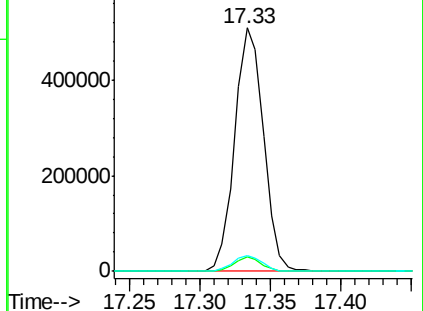
80 6.6 9.3 13.9#



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



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.49 min Scan# 3129

Delta R.T. -0.02 min

Lab File: BM010136.D

Acq: 23 May 2017 11:43

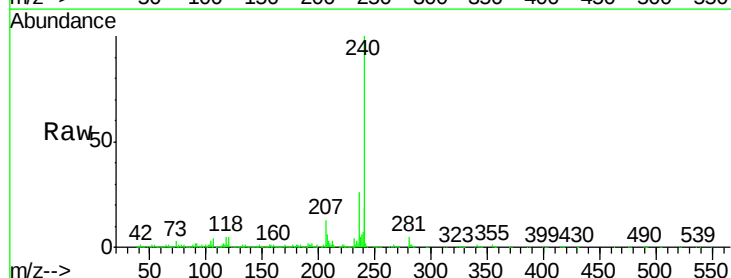
Tgt Ion:240 Resp: 1134992

Ion Ratio Lower Upper

240 100

120 5.3 8.2 12.2#

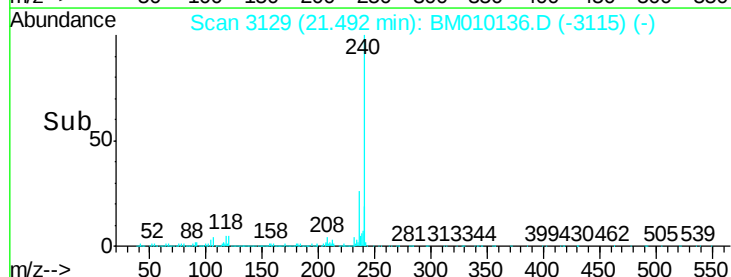
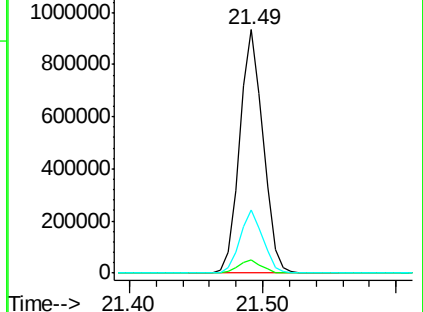
236 25.8 20.0 30.0

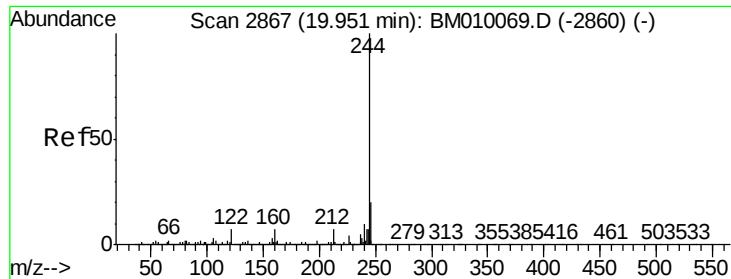


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 83.32 ng

RT: 19.93 min Scan# 2864

Delta R.T. -0.02 min

Lab File: BM010136.D

Acq: 23 May 2017 11:43

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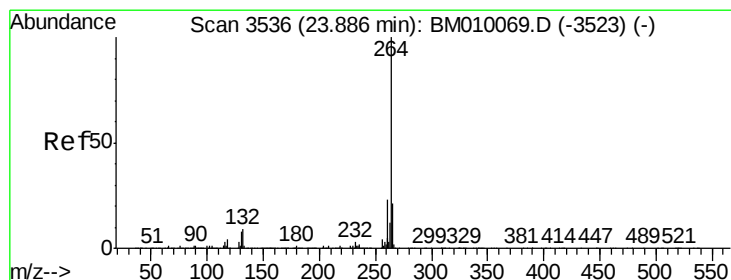
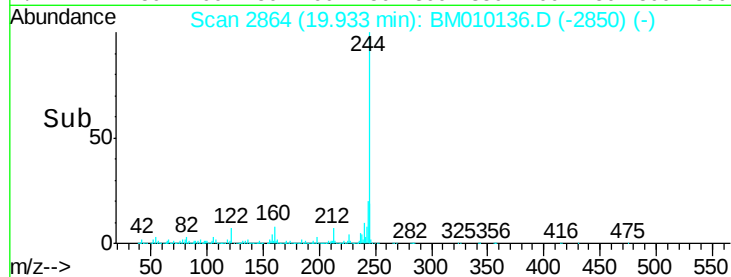
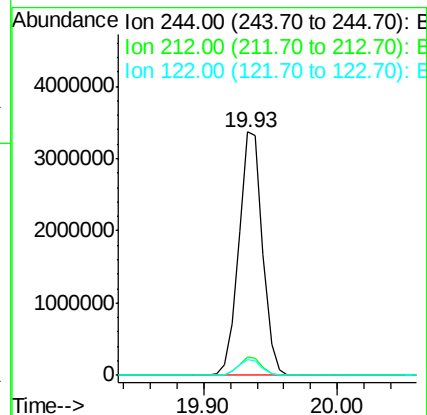
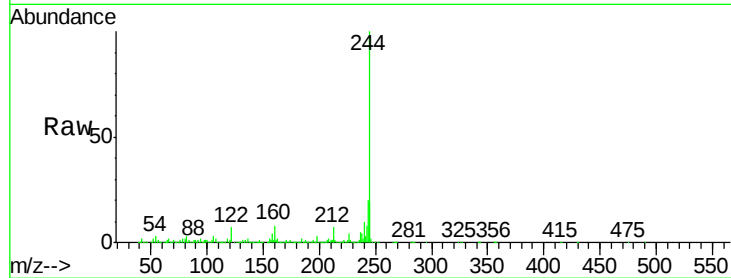
Tgt Ion:244 Resp: 4159201

Ion Ratio Lower Upper

244 100

212 7.4 4.9 7.3#

122 6.6 6.2 9.4



#86

Perylene-d12

Concen: 20.00 ng

RT: 23.86 min Scan# 3531

Delta R.T. -0.03 min

Lab File: BM010136.D

Acq: 23 May 2017 11:43

Tgt Ion:264 Resp: 1318671

Ion Ratio Lower Upper

264 100

260 22.4 18.6 27.8

265 22.7 17.3 25.9

