

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061915\
 Data File : BM001765.D
 Acq On : 19 Jun 2015 17:02
 Operator : TP/IZ
 Sample : PB84123BL
 Misc : LOD/LOQ-SIM-SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB84123BL

Quant Time: Jun 20 02:10:06 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SIM-BM061915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 19 05:05:14 2015
 Response via : Initial Calibration

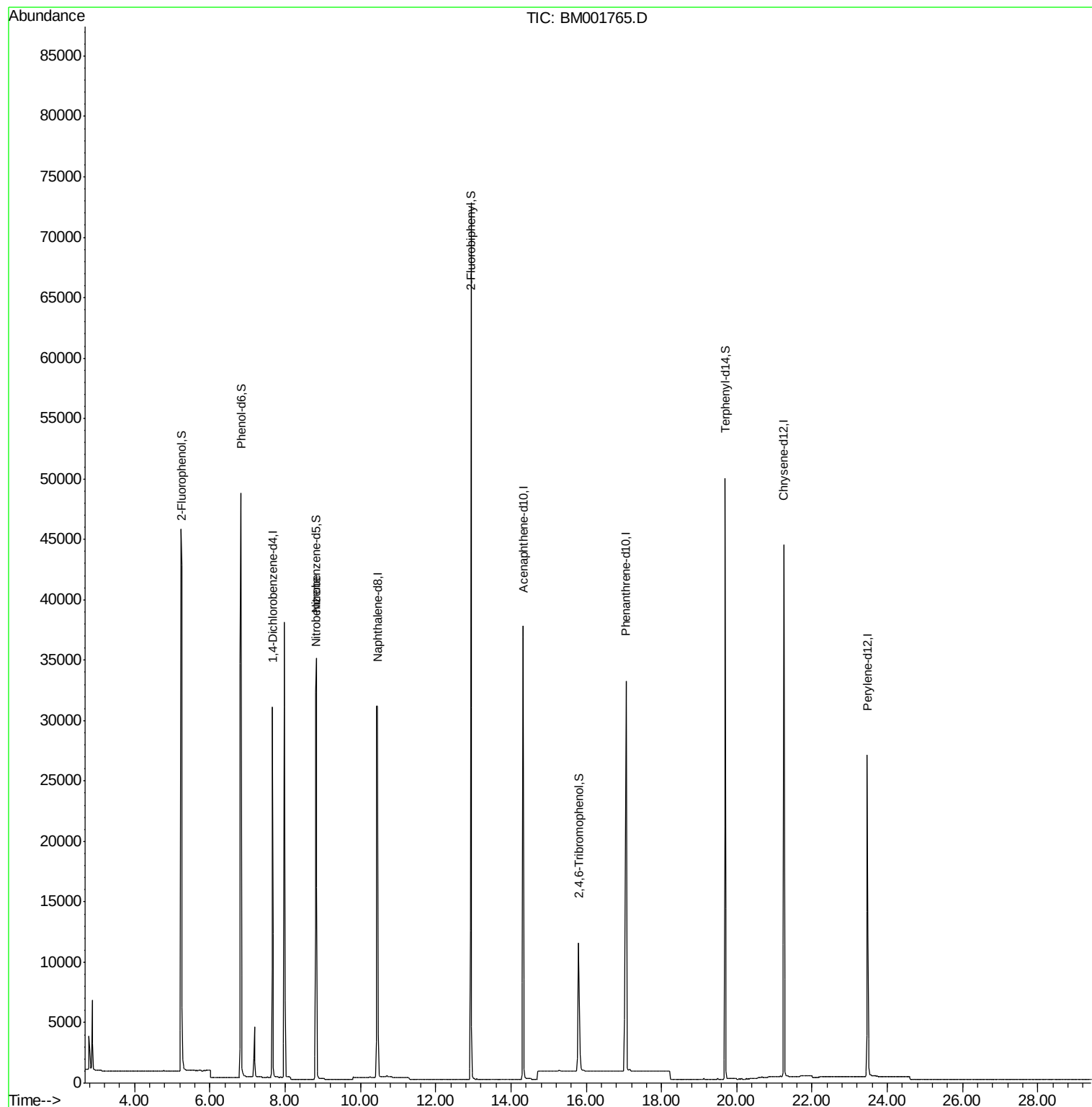
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	14858	5.00	ng	0.00
6) Naphthalene-d8	10.46	136	54364	5.00	ng	0.00
12) Acenaphthene-d10	14.32	164	25951	5.00	ng	0.00
18) Phenanthrene-d10	17.06	188	65084	5.00	ng	0.00
25) Chrysene-d12	21.25	240	40696	5.00	ng	0.00
32) Perylene-d12	23.47	264	36742	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.25	112	42032	12.10	ng	0.00
5) Phenol-d6	6.83	99	54094	12.10	ng	0.00
7) Nitrobenzene-d5	8.83	82	31707	7.47	ng	0.00
13) 2,4,6-Tribromophenol	15.80	330	9432	11.64	ng	0.00
14) 2-Fluorobiphenyl	12.94	172	69980	7.55	ng	0.00
27) Terphenyl-d14	19.70	244	47357	7.90	ng	0.00
Target Compounds						
8) Nitrobenzene	8.81	77	119	0.03	ng	Qvalue # 37

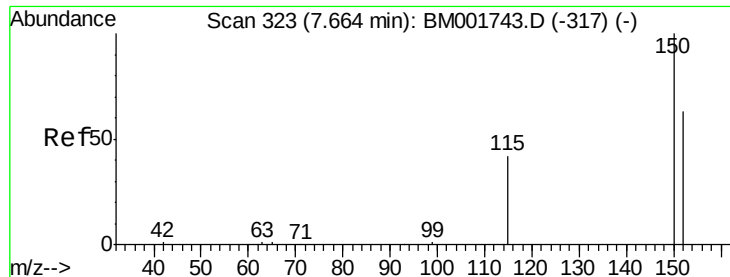
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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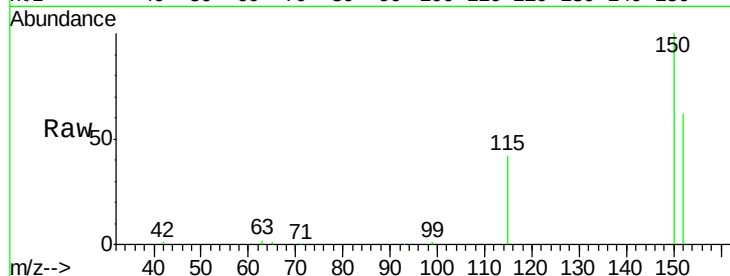




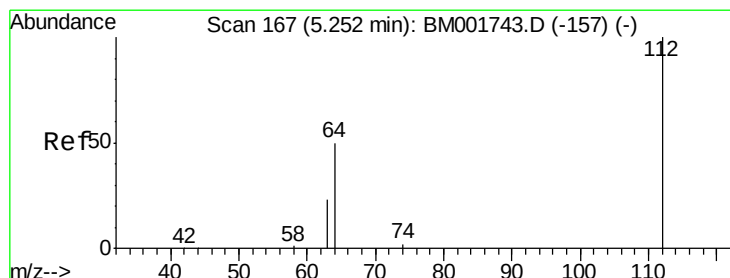
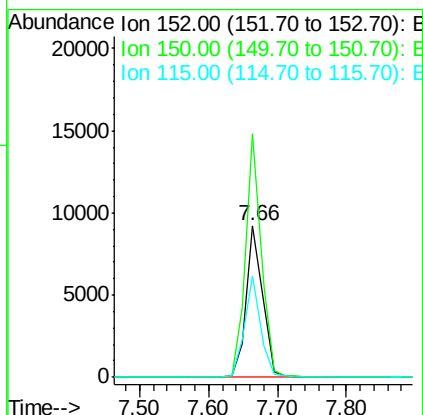
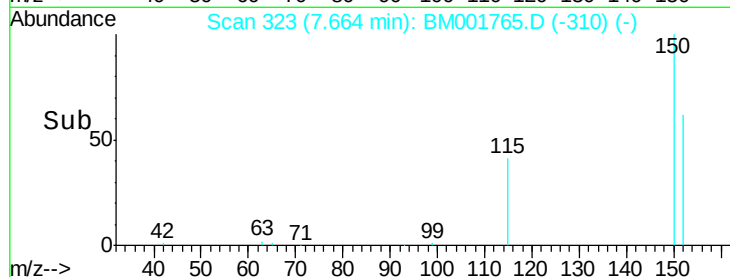
#1
 1,4-Dichlorobenzene-d4
 Concen: 5.00 ng
 RT: 7.66 min Scan# 323
 Delta R.T. -0.00 min
 Lab File: BM001765.D
 Acq: 19 Jun 2015 17:02

Instrument :
 BNA_F
 ClientSampleId :
 PB84123BL

Tgt Ion:152 Resp: 14858
 Ion Ratio Lower Upper
 152 100
 150 160.2 127.5 191.3
 115 66.8 53.2 79.8

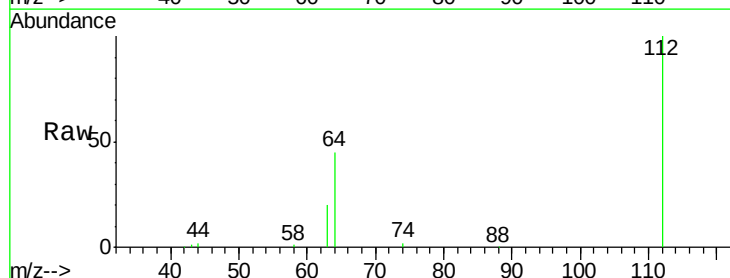


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

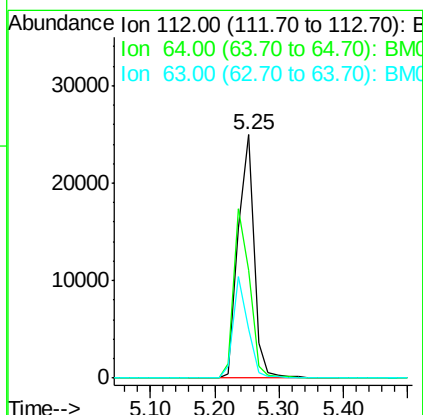
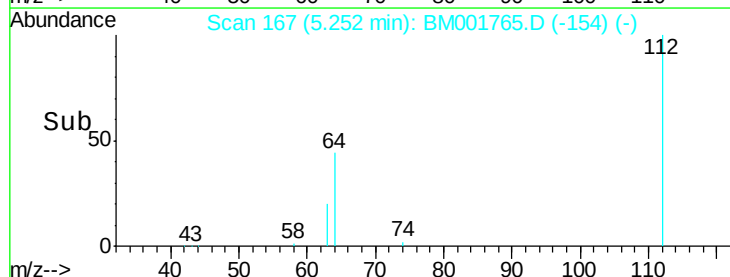


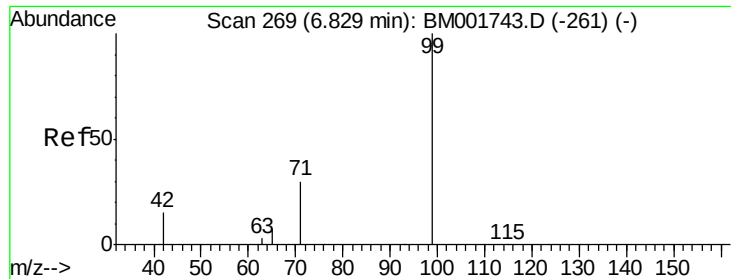
#4
 2-Fluorophenol
 Concen: 12.10 ng
 RT: 5.25 min Scan# 167
 Delta R.T. -0.00 min
 Lab File: BM001765.D
 Acq: 19 Jun 2015 17:02

Tgt Ion:112 Resp: 42032
 Ion Ratio Lower Upper
 112 100
 64 69.4 55.6 83.4
 63 38.1 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





#5

Phenol-d6

Concen: 12.10 ng

RT: 6.83 min Scan# 269

Delta R.T. -0.00 min

Lab File: BM001765.D

Acq: 19 Jun 2015 17:02

Instrument :

BNA_F

ClientSampleId :

PB84123BL

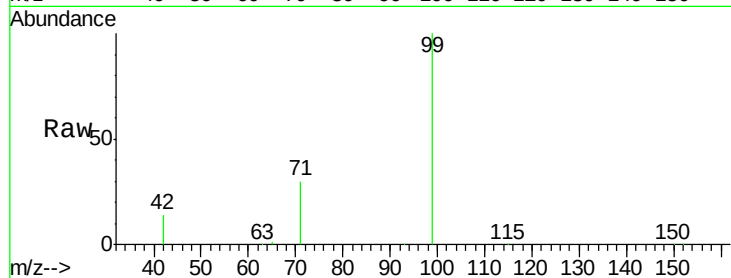
Tgt Ion: 99 Resp: 54094

Ion Ratio Lower Upper

99 100

42 25.8 21.4 32.0

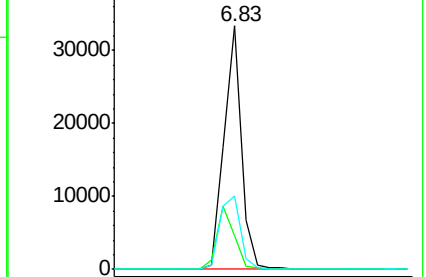
71 36.0 28.3 42.5



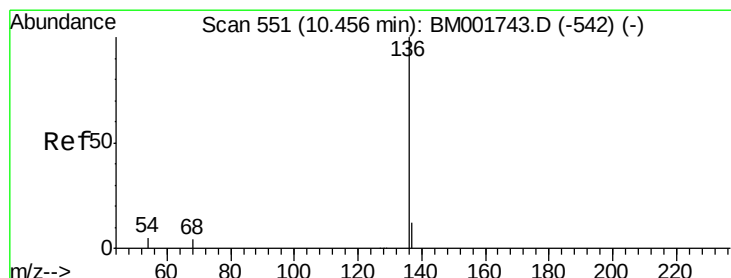
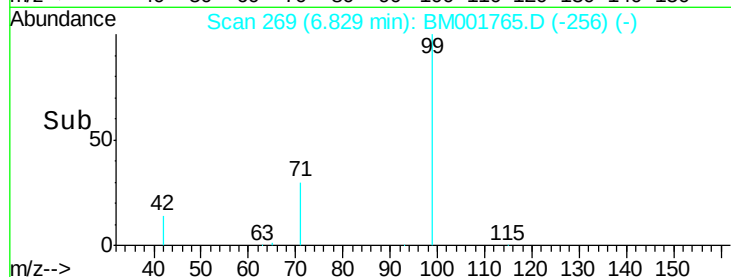
Abundance Ion 99.00 (98.70 to 99.70): BM001743.D (-261) (-)

Ion 42.00 (41.70 to 42.70): BM001743.D (-261) (-)

Ion 71.00 (70.70 to 71.70): BM001743.D (-261) (-)



Time-->



#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.46 min Scan# 551

Delta R.T. -0.00 min

Lab File: BM001765.D

Acq: 19 Jun 2015 17:02

Tgt Ion: 136 Resp: 54364

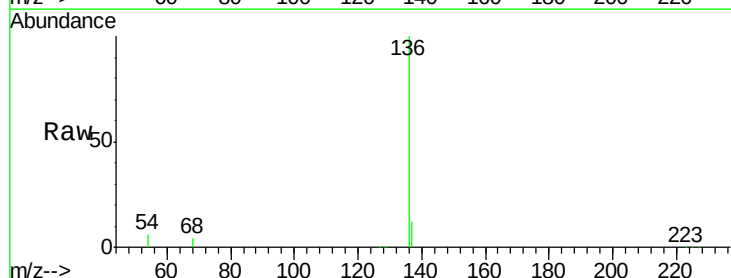
Ion Ratio Lower Upper

136 100

137 11.6 9.4 14.0

54 5.8 4.4 6.6

68 4.0 3.1 4.7

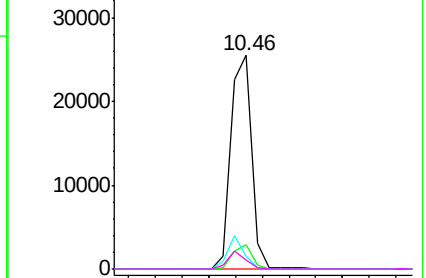


Abundance Ion 136.00 (135.70 to 136.70): BM001743.D (-542) (-)

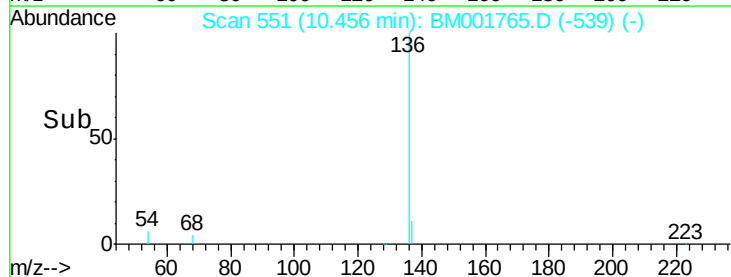
Ion 137.00 (136.70 to 137.70): BM001743.D (-542) (-)

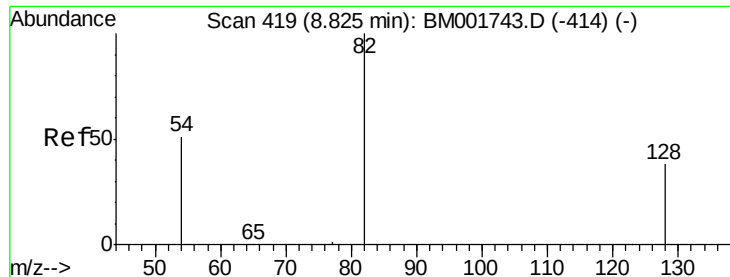
Ion 54.00 (53.70 to 54.70): BM001743.D (-542) (-)

Ion 68.00 (67.70 to 68.70): BM001743.D (-542) (-)



Time-->





#7

Nitrobenzene-d5

Concen: 7.47 ng

RT: 8.83 min Scan# 419

Delta R.T. -0.00 min

Lab File: BM001765.D

Acq: 19 Jun 2015 17:02

Instrument :

BNA_F

ClientSampleId :

PB84123BL

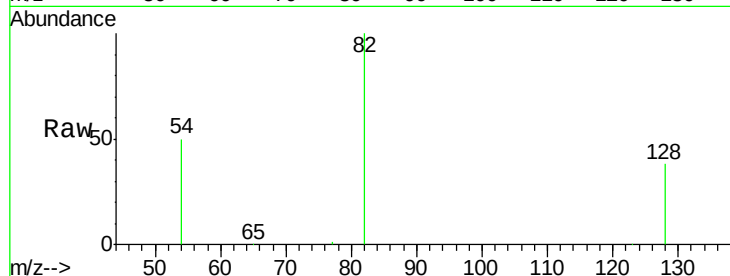
Tgt Ion: 82 Resp: 31707

Ion Ratio Lower Upper

82 100

128 38.3 31.3 46.9

54 50.4 41.9 62.9

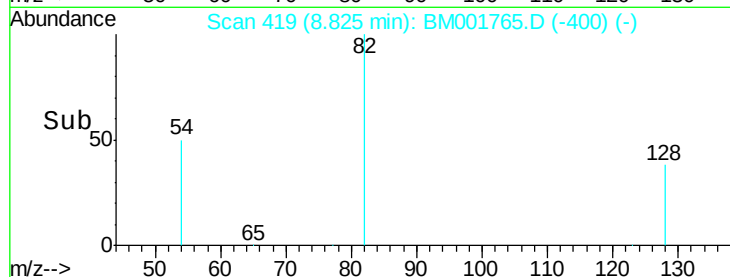


Abundance Ion 82.00 (81.70 to 82.70): BM001743.D (-414) (-)

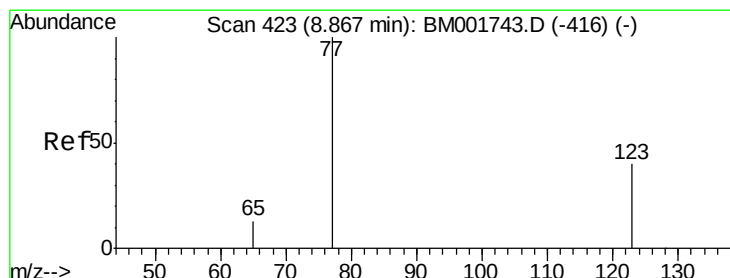
Ion 128.00 (127.70 to 128.70): BM001743.D (-414) (-)

Ion 54.00 (53.70 to 54.70): BM001743.D (-414) (-)

Time-->



Time-->



#8

Nitrobenzene

Concen: 0.03 ng

RT: 8.81 min Scan# 418

Delta R.T. -0.05 min

Lab File: BM001765.D

Acq: 19 Jun 2015 17:02

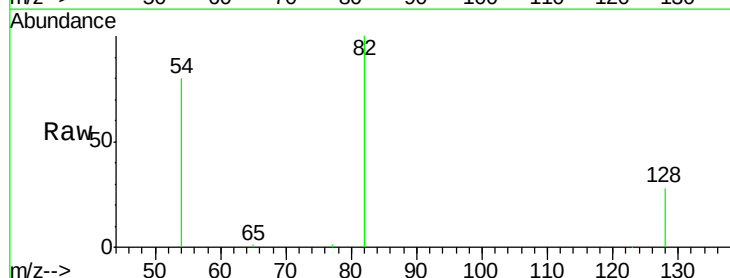
Tgt Ion: 77 Resp: 119

Ion Ratio Lower Upper

77 100

123 1.7 30.1 45.1#

65 42.9 11.3 16.9#

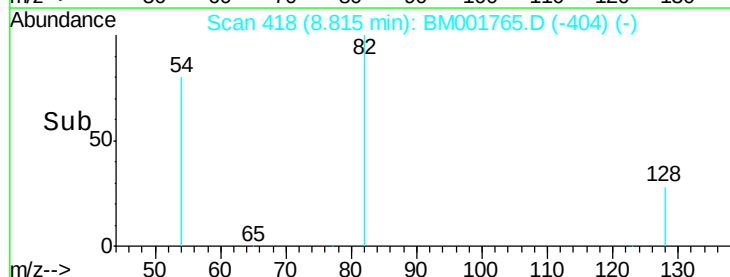


Abundance Ion 77.00 (76.70 to 77.70): BM001743.D (-416) (-)

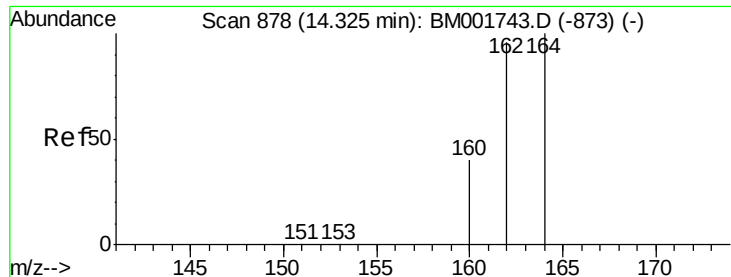
Ion 123.00 (122.70 to 123.70): BM001743.D (-416) (-)

Ion 65.00 (64.70 to 65.70): BM001743.D (-416) (-)

Time-->



Time-->



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.32 min Scan# 878

Delta R.T. -0.00 min

Lab File: BM001765.D

Acq: 19 Jun 2015 17:02

Instrument :

BNA_F

ClientSampleId :

PB84123BL

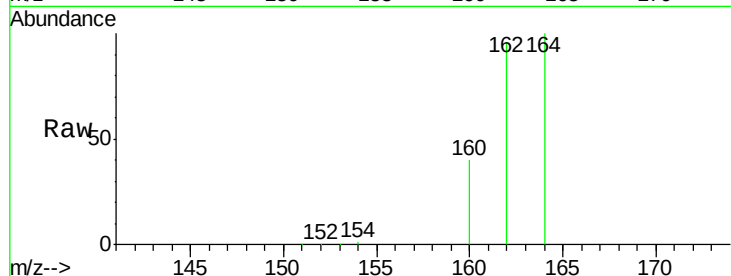
Tgt Ion:164 Resp: 25951

Ion Ratio Lower Upper

164 100

162 96.1 76.6 114.8

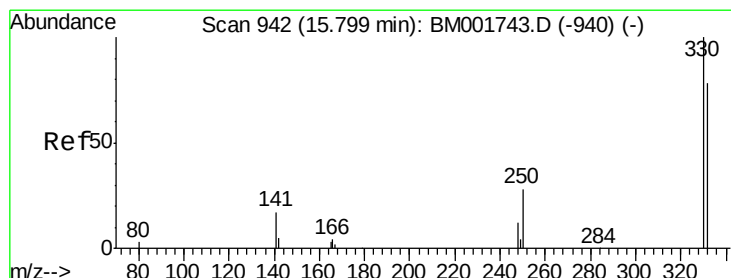
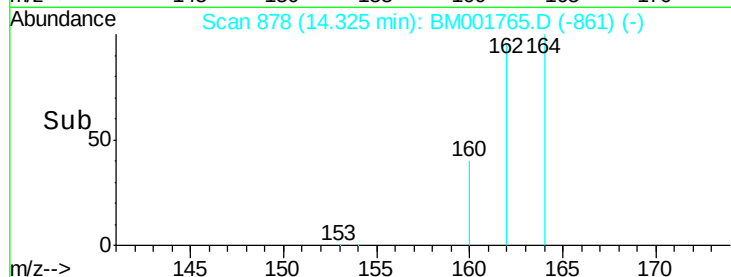
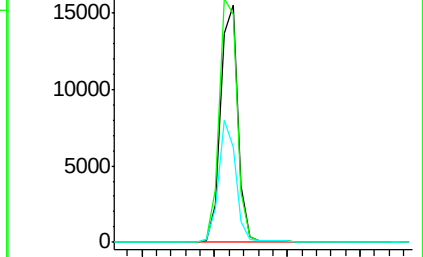
160 40.2 31.8 47.8



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: 11.64 ng

RT: 15.80 min Scan# 942

Delta R.T. 0.00 min

Lab File: BM001765.D

Acq: 19 Jun 2015 17:02

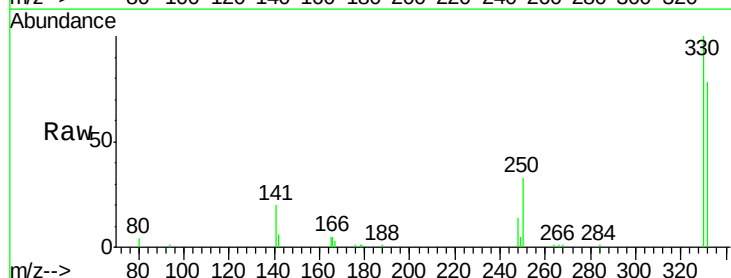
Tgt Ion:330 Resp: 9432

Ion Ratio Lower Upper

330 100

332 83.5 65.8 98.8

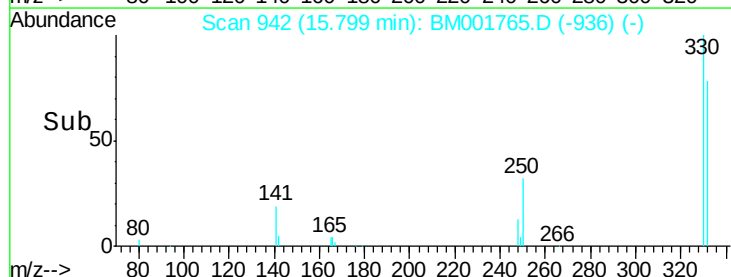
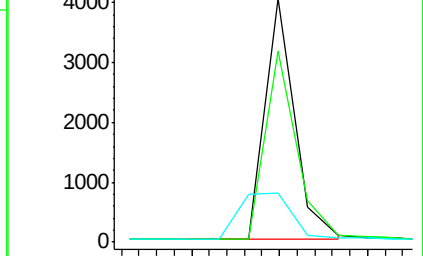
141 34.7 0.0 0.0#

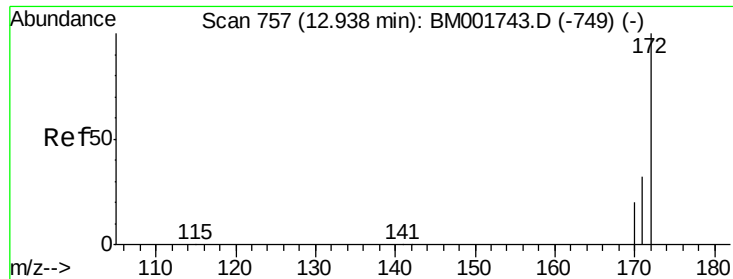


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

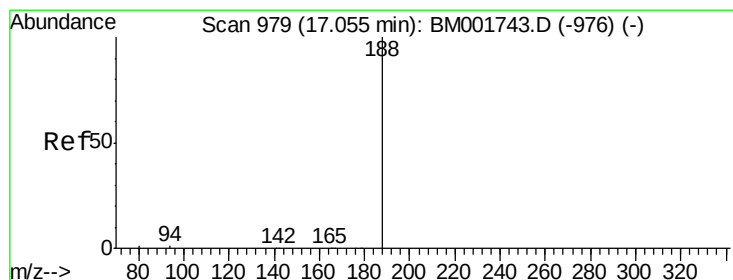
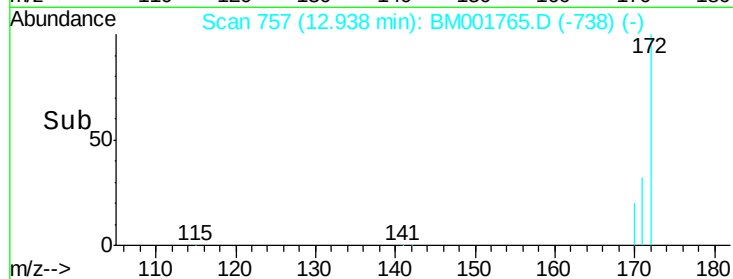
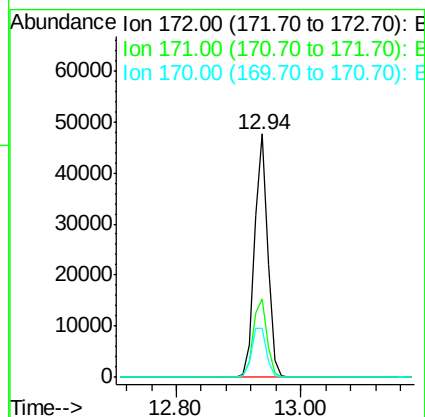
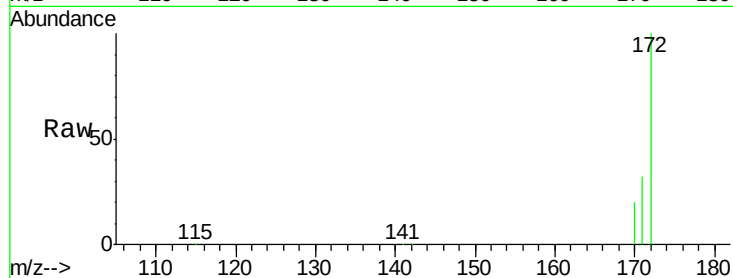




#14
2-Fluorobiphenyl
Concen: 7.55 ng
RT: 12.94 min Scan# 757
Delta R.T. -0.00 min
Lab File: BM001765.D
Acq: 19 Jun 2015 17:02

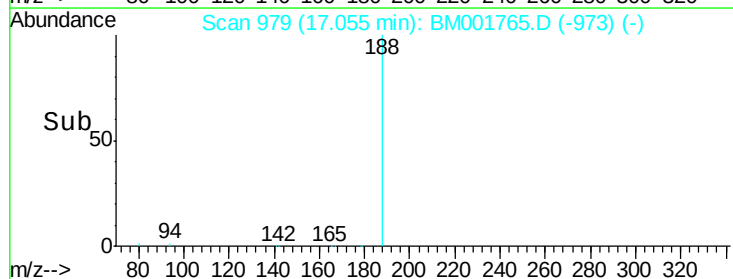
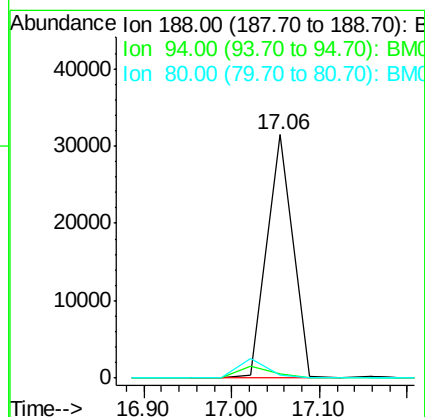
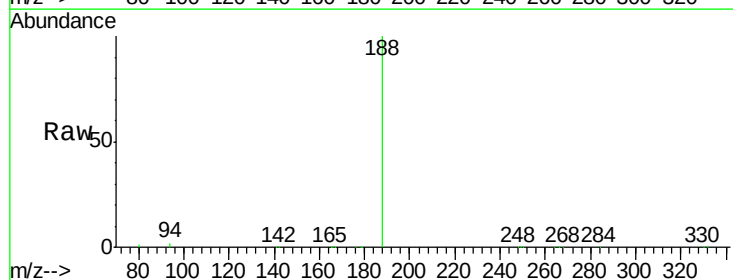
Instrument :
BNA_F
ClientSampleId :
PB84123BL

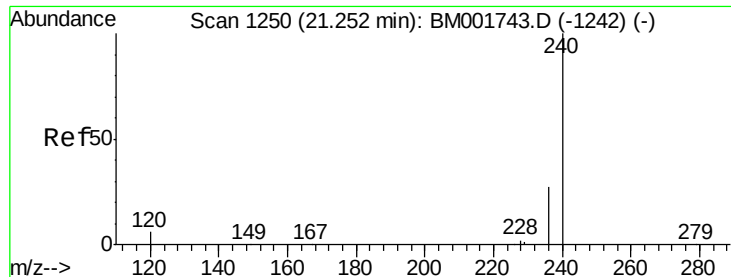
Tgt Ion:172 Resp: 69980
Ion Ratio Lower Upper
172 100
171 32.1 26.2 39.2
170 20.1 16.6 24.8



#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.06 min Scan# 979
Delta R.T. -0.00 min
Lab File: BM001765.D
Acq: 19 Jun 2015 17:02

Tgt Ion:188 Resp: 65084
Ion Ratio Lower Upper
188 100
94 1.5 1.3 1.9
80 1.4 1.0 1.6





#25

Chrysene-d12

Concen: 5.00 ng

RT: 21.25 min Scan# 1250

Delta R.T. -0.00 min

Lab File: BM001765.D

Acq: 19 Jun 2015 17:02

Instrument :

BNA_F

ClientSampleId :

PB84123BL

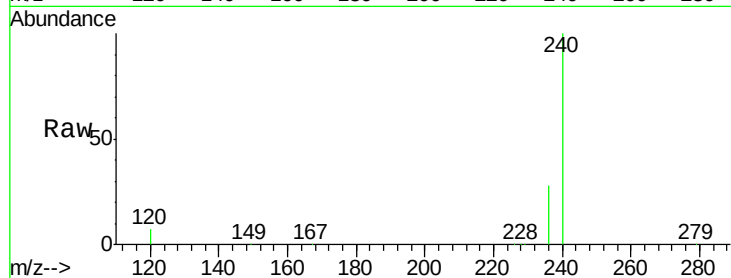
Tgt Ion:240 Resp: 40696

Ion Ratio Lower Upper

240 100

120 7.4 4.7 7.1#

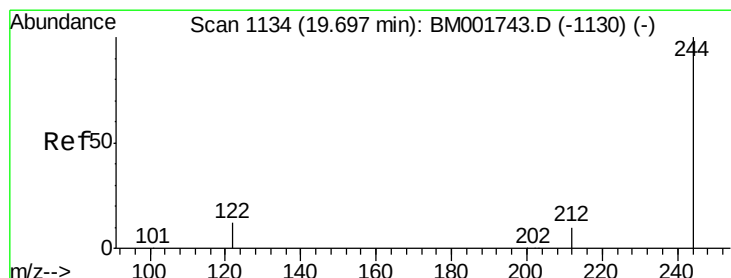
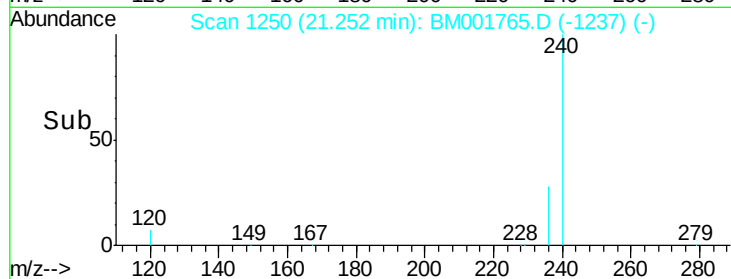
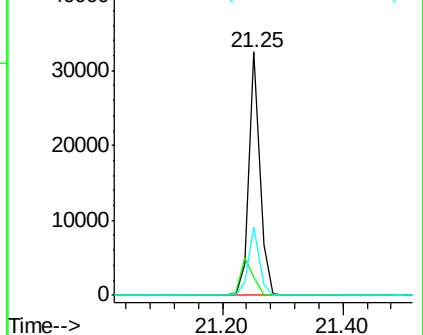
236 28.1 21.6 32.4



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



#27

Terphenyl-d14

Concen: 7.90 ng

RT: 19.70 min Scan# 1134

Delta R.T. -0.00 min

Lab File: BM001765.D

Acq: 19 Jun 2015 17:02

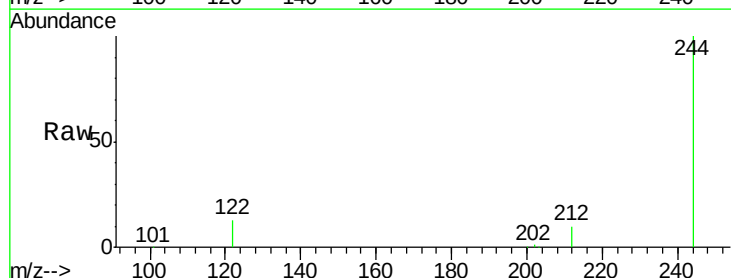
Tgt Ion:244 Resp: 47357

Ion Ratio Lower Upper

244 100

212 10.4 8.6 13.0

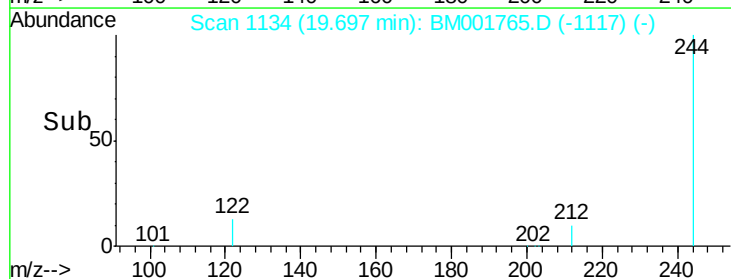
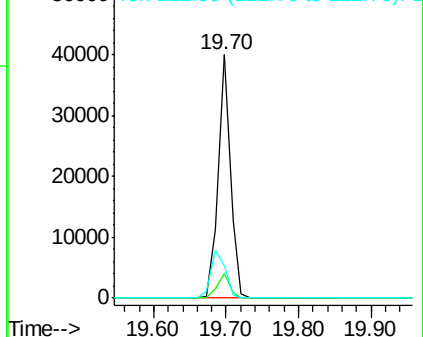
122 13.4 10.6 15.8

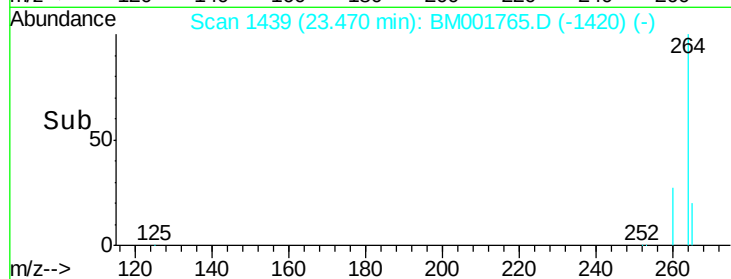
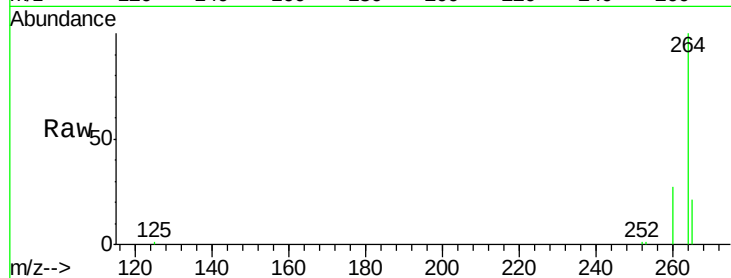
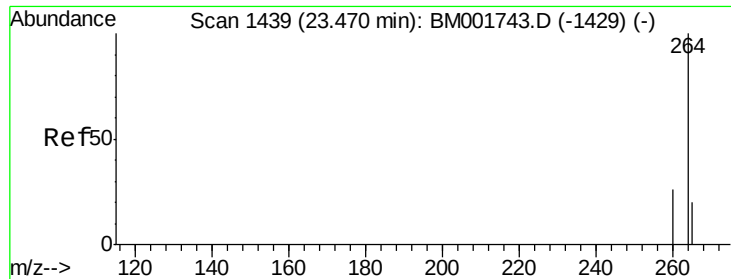


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#32

Perylene-d12

Concen: 5.00 ng

RT: 23.47 min Scan# 1439

Delta R.T. -0.00 min

Lab File: BM001765.D

Acq: 19 Jun 2015 17:02

Instrument :

BNA_F

ClientSampleId :

PB84123BL

Tgt Ion: 264 Resp: 36742

Ion Ratio Lower Upper

264 100

260 26.7 20.8 31.2

265 21.0 16.8 25.2

