

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_M
 ClientSampleId :
 PB84123BL

Quant Time: Jun 20 02:26:24 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

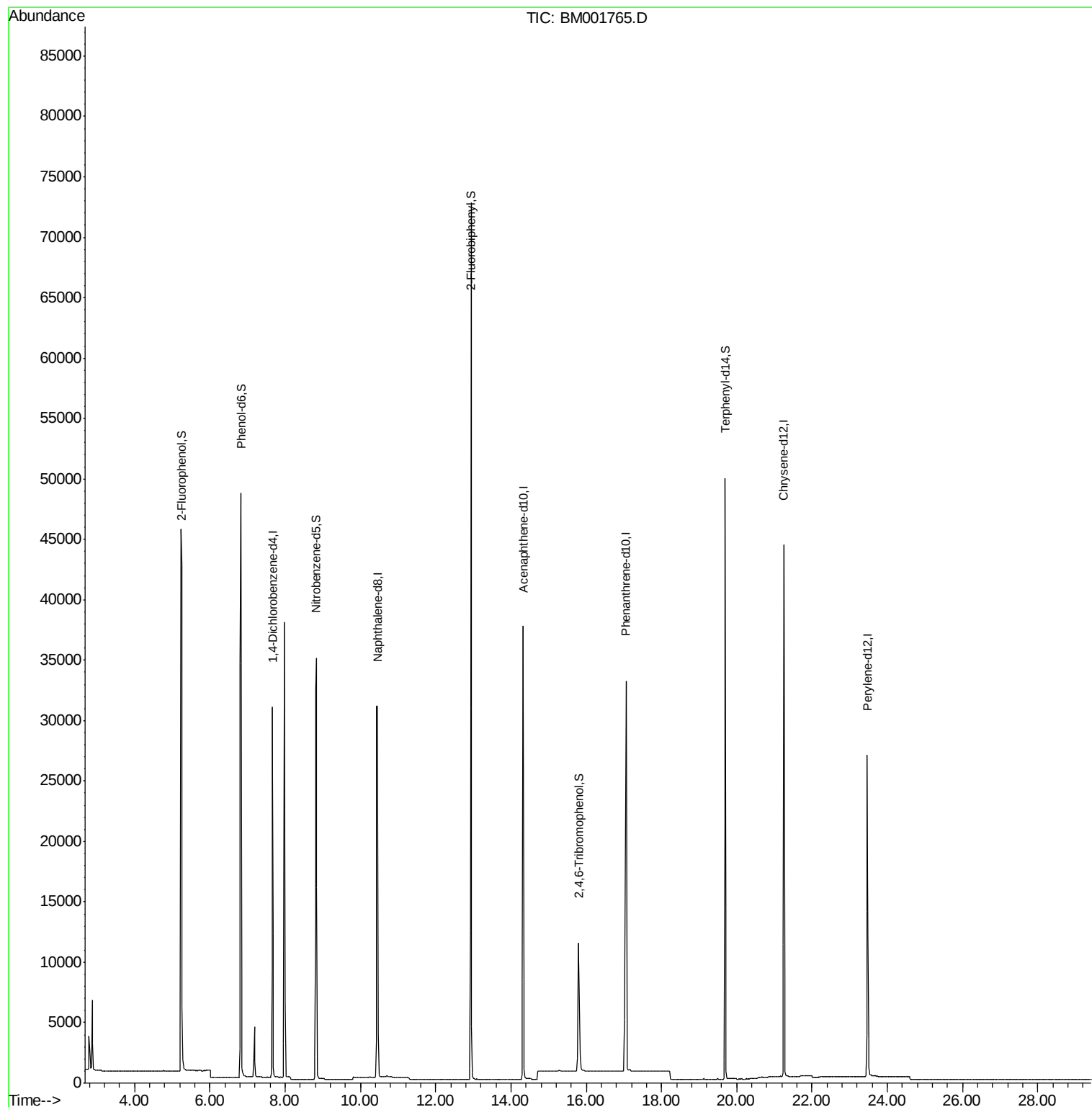
Target Compounds	Qvalue
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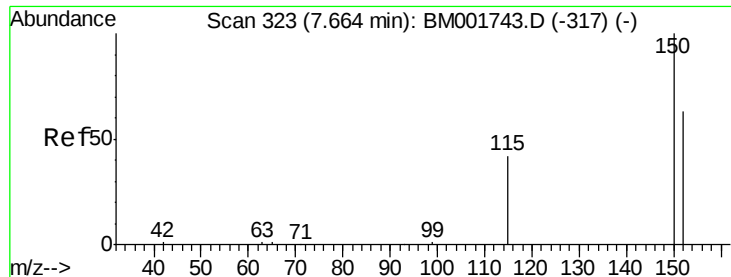
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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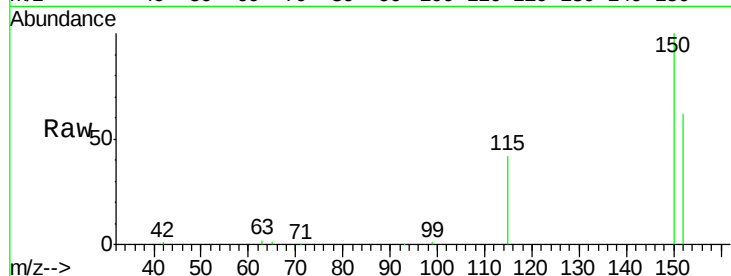


#1

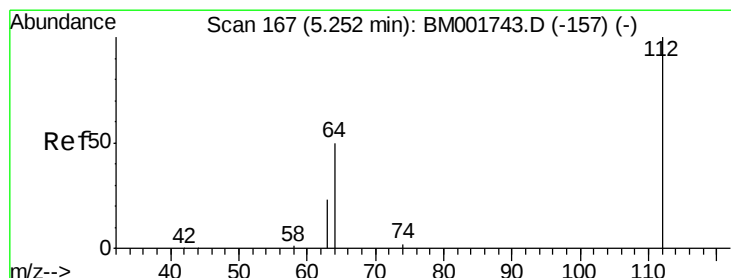
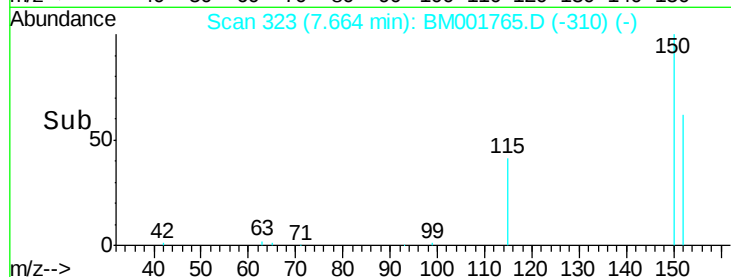
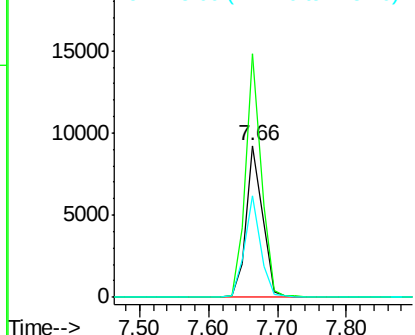
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.66 min Scan# 323
Delta R.T. -0.00 min
Lab File: BM001765.D
Acq: 19 Jun 2015 17:02

Instrument :
BNA_M
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



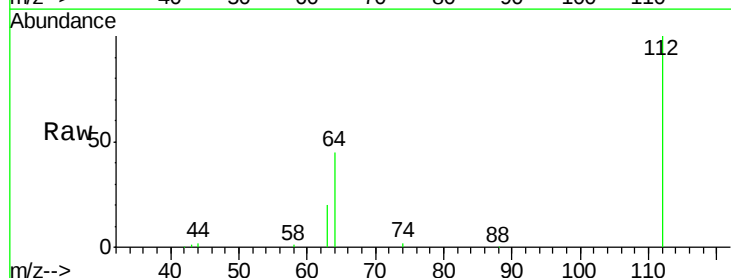
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



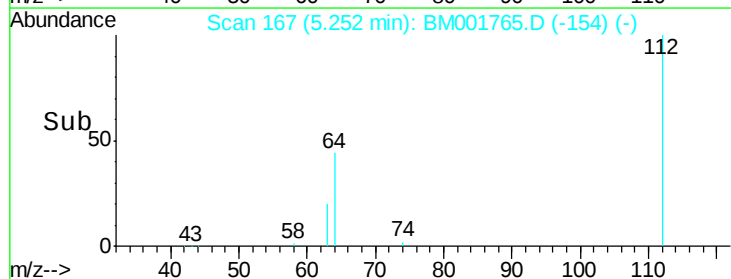
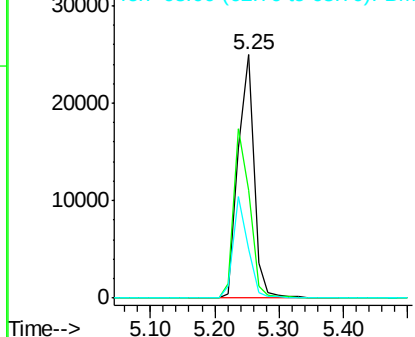
#4

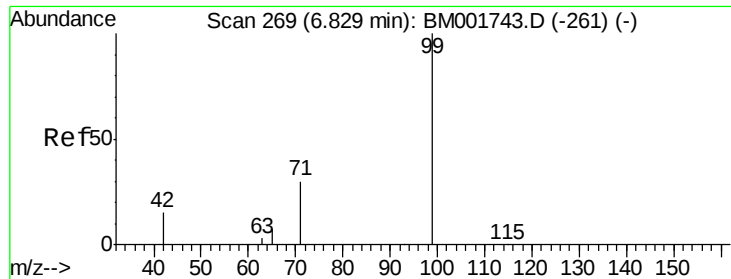
2-Fluorophenol
Concen: 12.10 ng
RT: 5.25 min Scan# 167
Delta R.T. -0.00 min
Lab File: BM001765.D
Acq: 19 Jun 2015 17:02

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_M

ClientSampleId :

PB84123BL

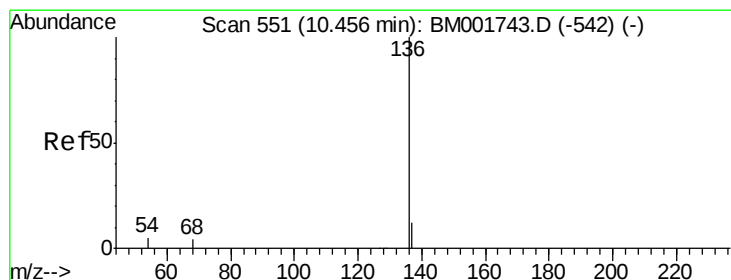
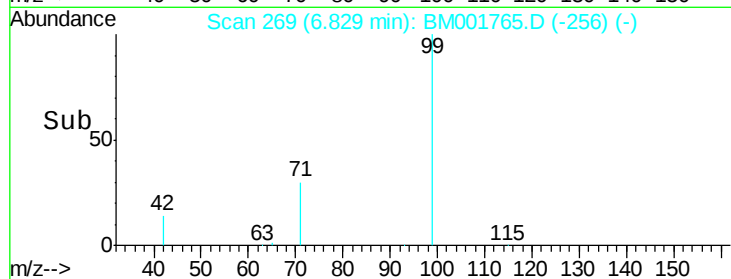
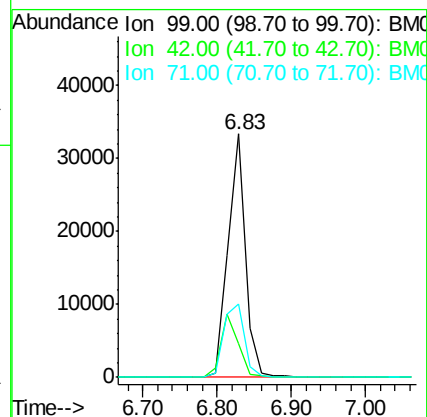
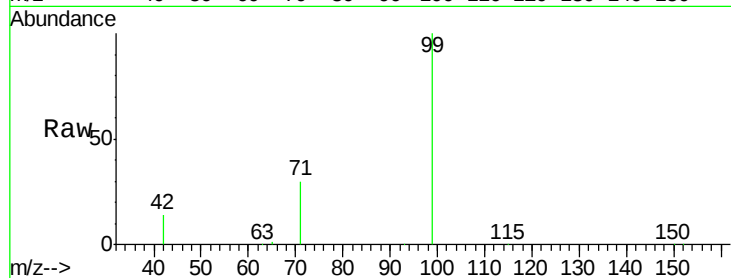
Tgt Ion: 99 Resp: 54094

Ion Ratio Lower Upper

99 100

42 25.8 21.4 32.0

71 36.0 28.3 42.5



#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

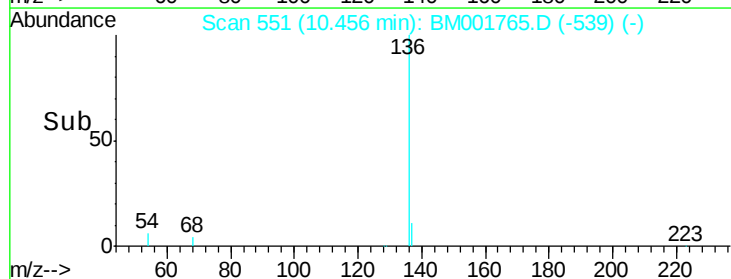
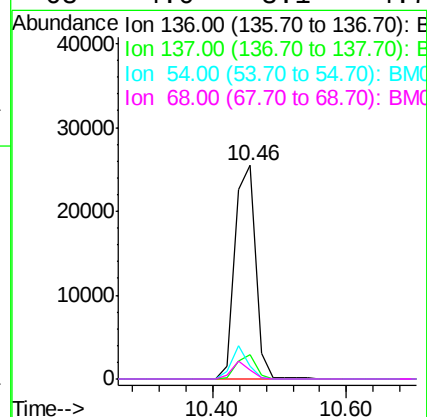
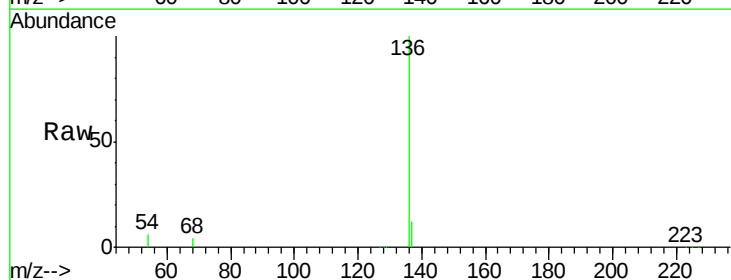
Ion Ratio Lower Upper

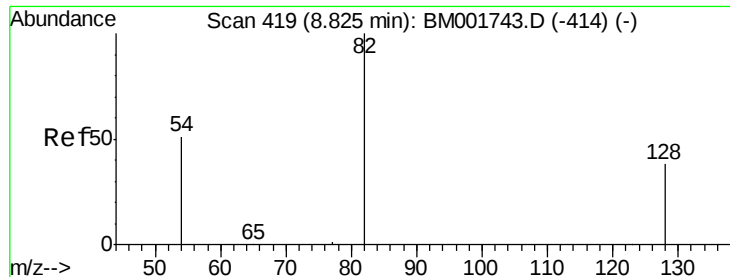
136 100

137 11.6 9.4 14.0

54 5.8 4.4 6.6

68 4.0 3.1 4.7





#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_M

ClientSampleId :

PB84123BL

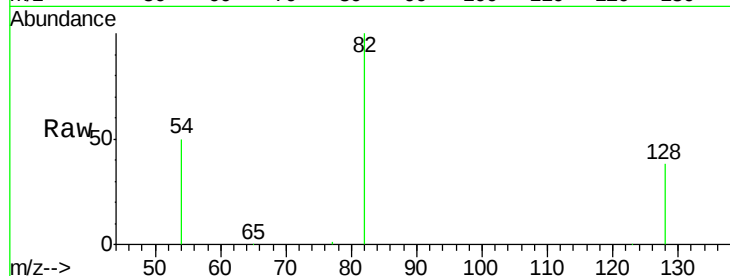
Tgt Ion: 82 Resp: 31707

Ion Ratio Lower Upper

82 100

128 38.3 31.3 46.9

54 50.4 41.9 62.9

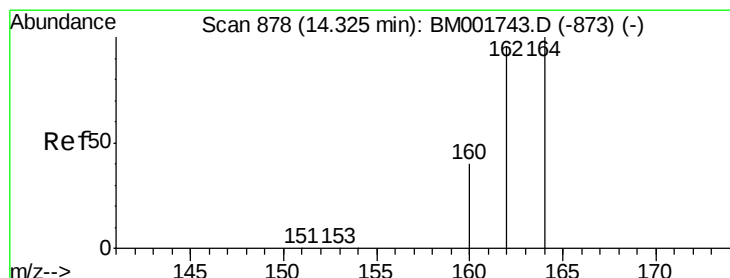
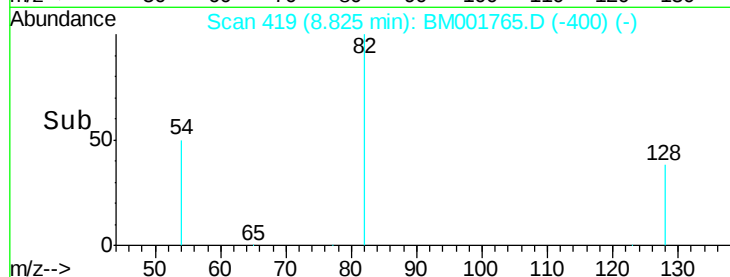


Abundance Ion 82.00 (81.70 to 82.70): BM001743.D (-414) (-)

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

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

Time-->



#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

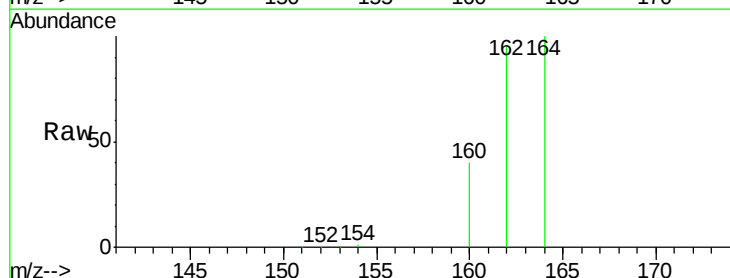
Tgt Ion: 164 Resp: 25951

Ion Ratio Lower Upper

164 100

162 96.1 76.6 114.8

160 40.2 31.8 47.8

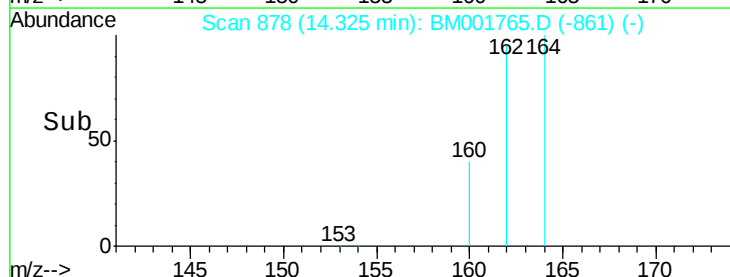


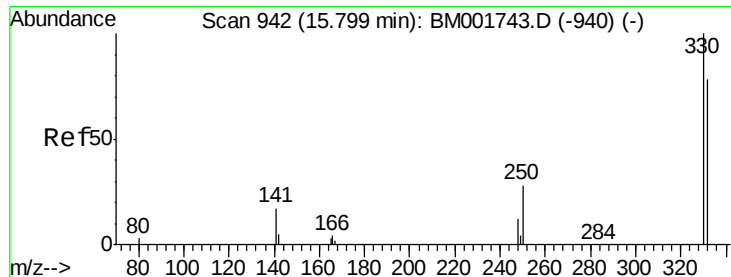
Abundance Ion 164.00 (163.70 to 164.70): BM001743.D (-873) (-)

Ion 162.00 (161.70 to 162.70): BM001743.D (-873) (-)

Ion 160.00 (159.70 to 160.70): BM001743.D (-873) (-)

Time-->

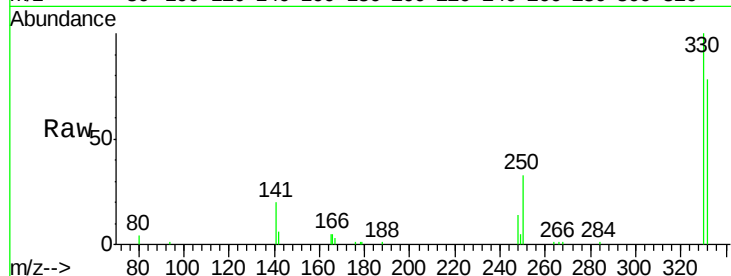




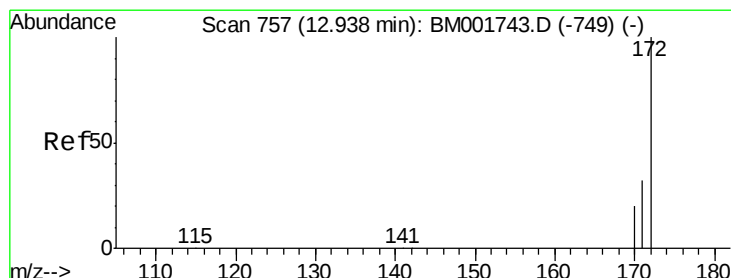
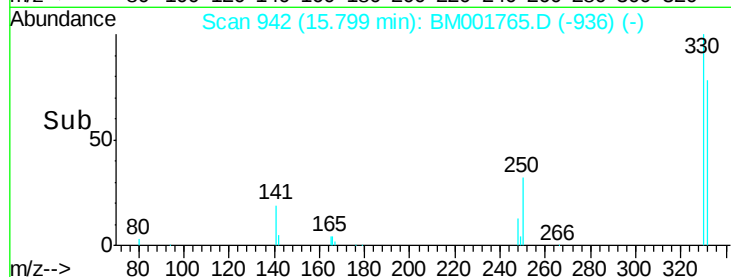
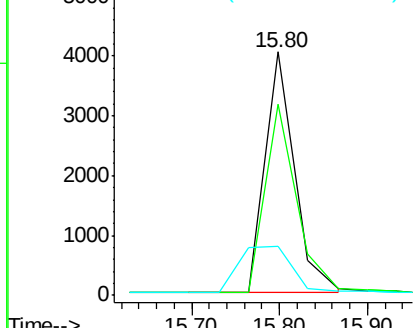
#13
 2,4,6-Tribromophenol
 Concen: 11.64 ng
 RT: 15.80 min Scan# 942
 Delta R.T. 0.00 min
 Lab File: BM001765.D
 Acq: 19 Jun 2015 17:02

Instrument :
 BNA_M
 ClientSampleId :
 PB84123BL

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#

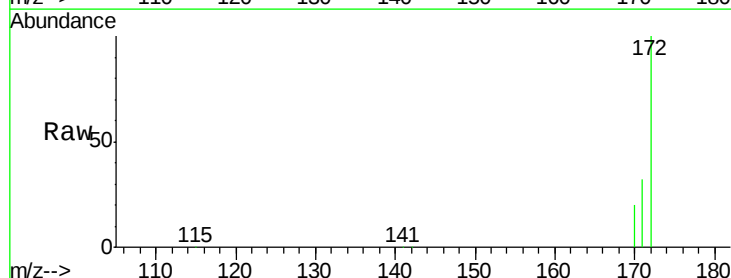


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

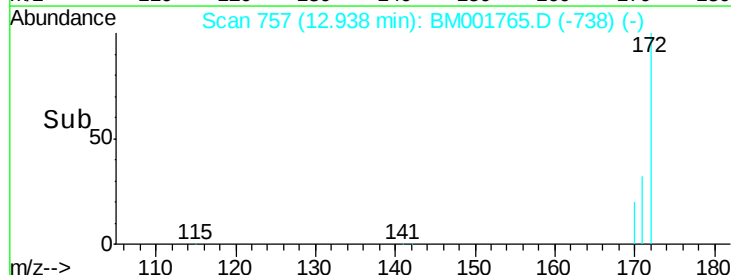
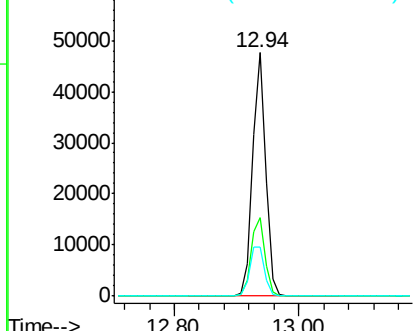


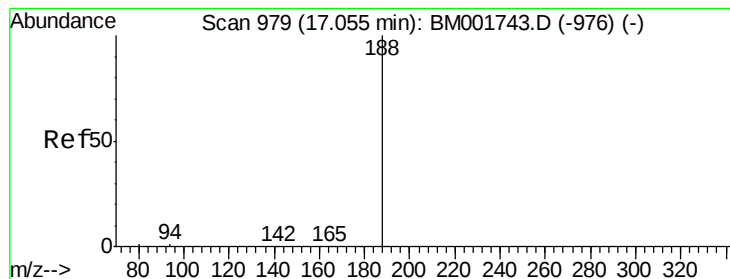
#14
 2-Fluorobiphenyl
 Concen: 7.55 ng
 RT: 12.94 min Scan# 757
 Delta R.T. -0.00 min
 Lab File: BM001765.D
 Acq: 19 Jun 2015 17:02

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



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: 17.06 min Scan# 979

Delta R.T. -0.00 min

Lab File: BM001765.D

Acq: 19 Jun 2015 17:02

Instrument :

BNA_M

ClientSampleId :

PB84123BL

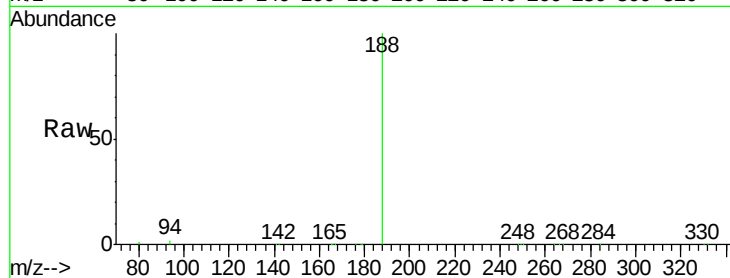
Tgt Ion:188 Resp: 65084

Ion Ratio Lower Upper

188 100

94 1.5 1.3 1.9

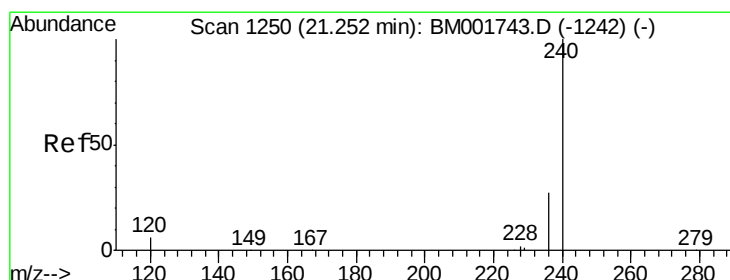
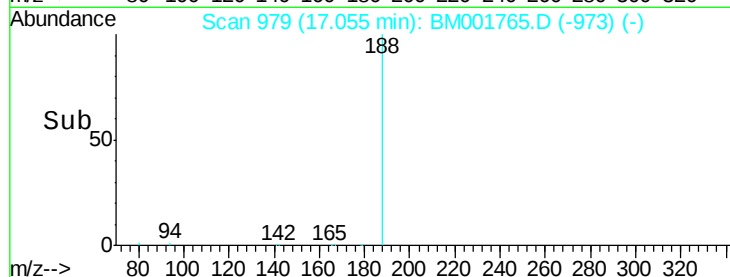
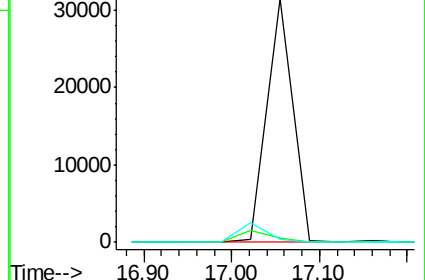
80 1.4 1.0 1.6



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



#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

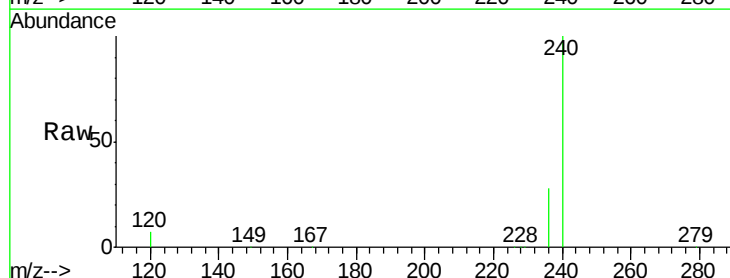
Tgt Ion:240 Resp: 40696

Ion Ratio Lower Upper

240 100

120 7.4 4.7 7.1#

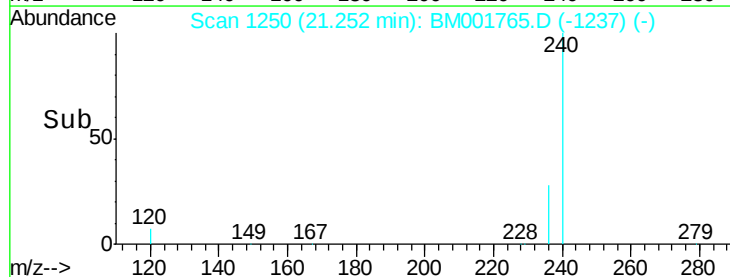
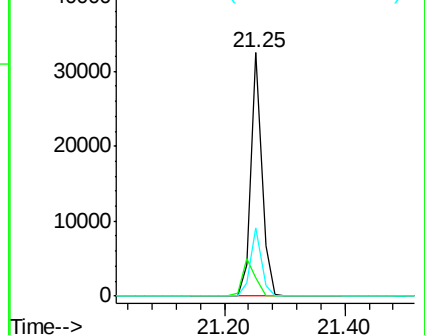
236 28.1 21.6 32.4

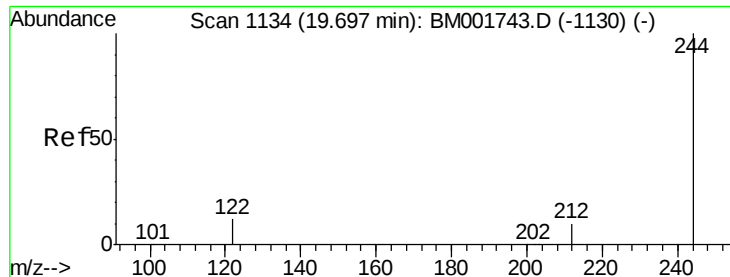


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

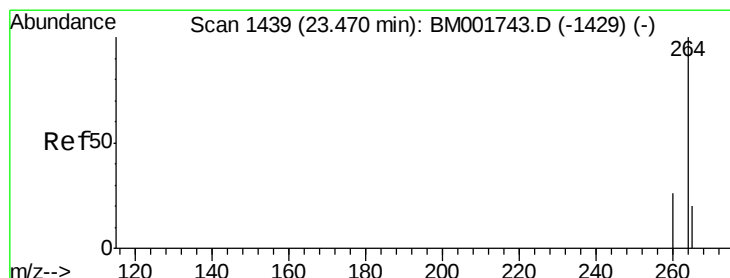
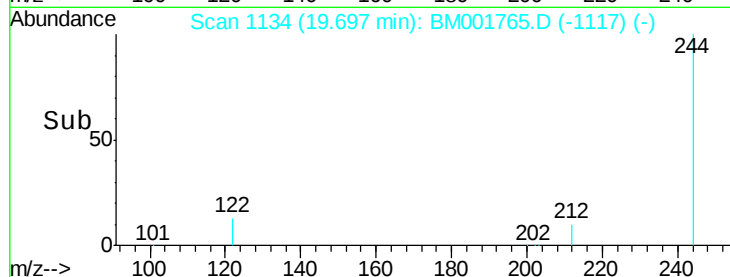
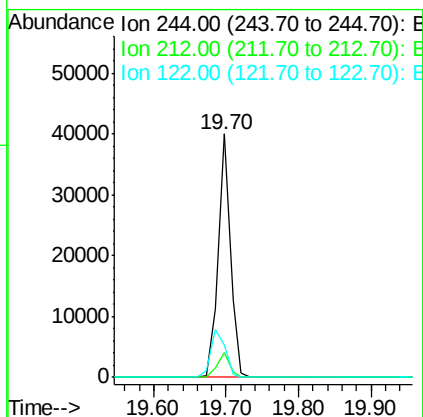
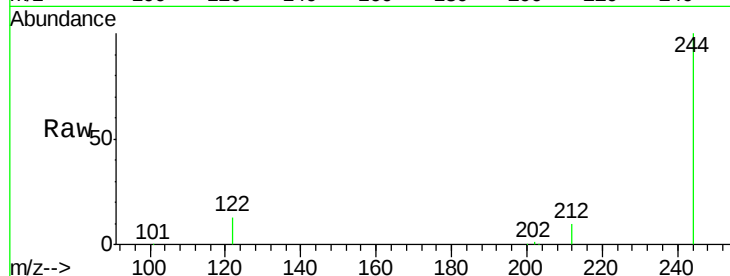




#27
 Terphenyl-d14
 Concen: 7.90 ng
 RT: 19.70 min Scan# 1134
 Delta R.T. -0.00 min
 Lab File: BM001765.D
 Acq: 19 Jun 2015 17:02

Instrument :
 BNA_M
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 PB84123BL

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



#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

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

