

Data Path : Z:\HPCHEM1\BNA M\DATA\BM111615\
 Data File : BM003137.D
 Acq On : 16 Nov 2015 11:30
 Operator : UM/IZ
 Sample : PB86422BL
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB86422BL

Quant Time: Nov 16 18:50:34 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-SIM-BM110415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 05 10:29:18 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	70137	5.00	ng	-0.02
7) Naphthalene-d8	10.53	136	269935	5.00	ng	-0.01
13) Acenaphthene-d10	14.39	164	121985	5.00	ng	0.00
19) Phenanthrene-d10	17.14	188	228912	5.00	ng	0.00
26) Chrysene-d12	21.33	240	234724	5.00	ng	-0.01
35) Perylene-d12	23.59	264	192616	5.00	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.33	112	95722	6.45	ng	-0.02
5) Phenol-d6	6.90	99	114985	6.64	ng	-0.02
8) Nitrobenzene-d5	8.90	82	41833	3.36	ng	-0.02
14) 2,4,6-Tribromophenol	15.88	330	20223	6.40	ng	0.00
15) 2-Fluorobiphenyl	13.01	172	147924	3.85	ng	-0.02
29) Terphenyl-d14	19.77	244	105570	3.12	ng	0.00

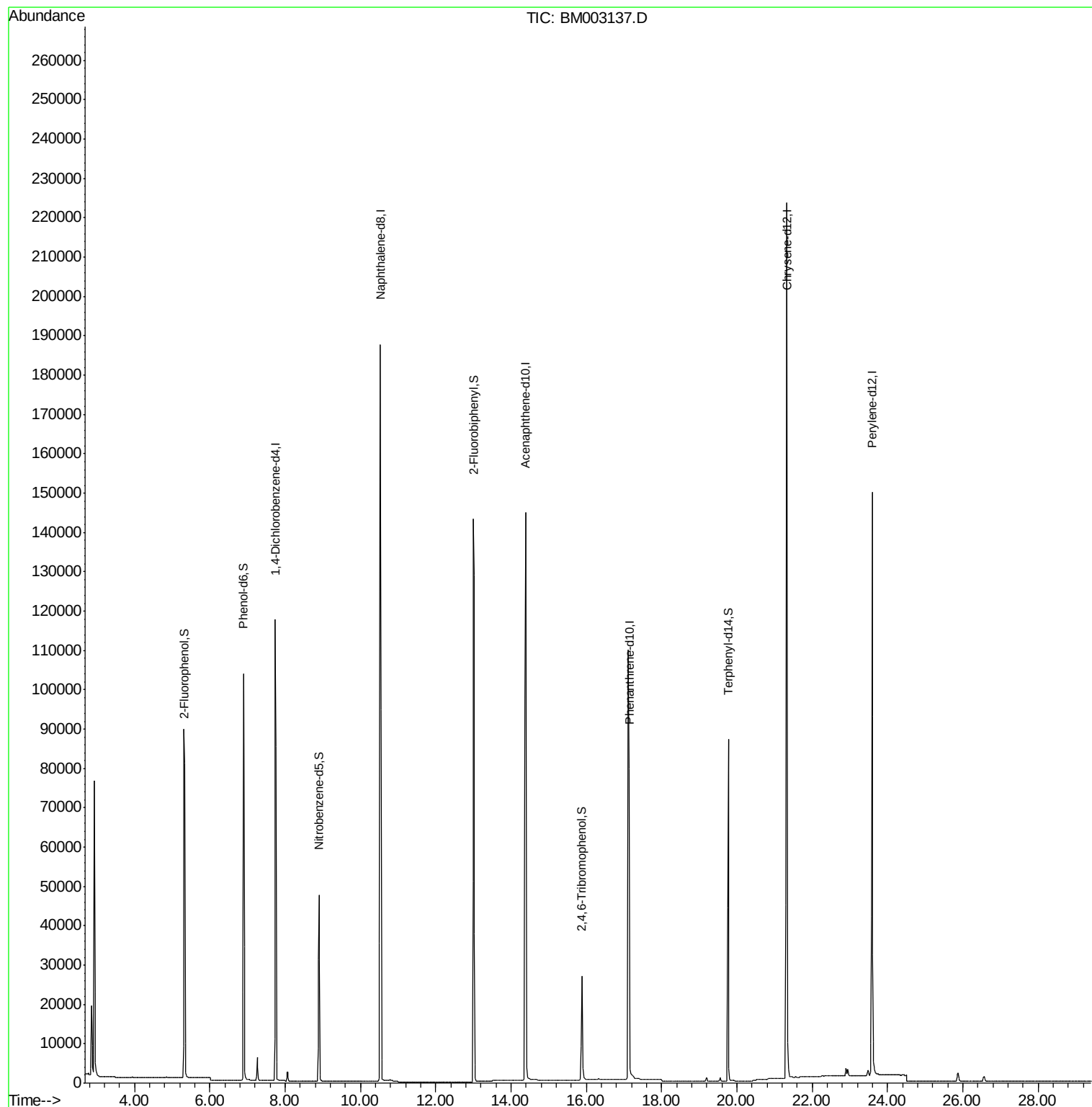
Target Compounds Qvalue

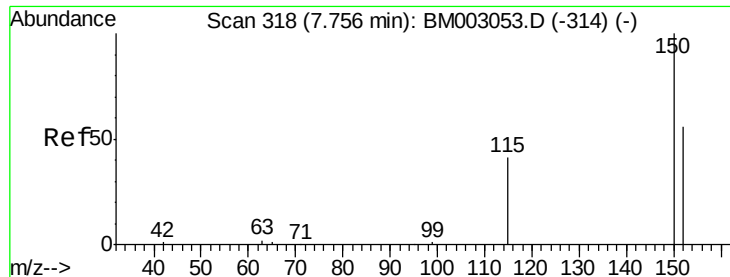
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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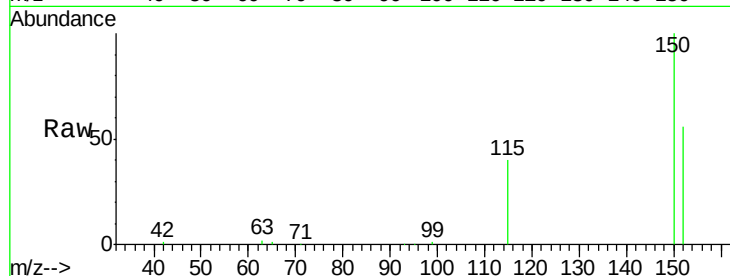


#1

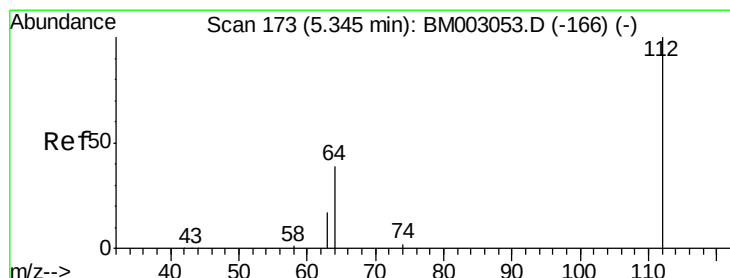
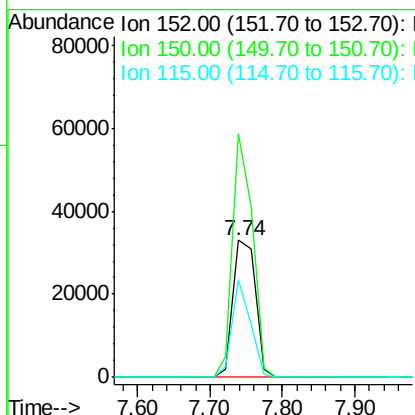
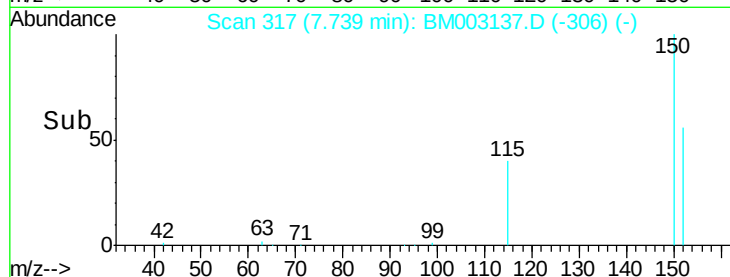
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.74 min Scan# 317
Delta R.T. -0.02 min
Lab File: BM003137.D
Acq: 16 Nov 2015 11:30

Instrument :
BNA_M
ClientSampleId :
PB86422BL

Tot Ion:152 Resp: 70137
Ion Ratio Lower Upper
152 100
150 177.9 143.6 215.4
115 71.7 58.5 87.7



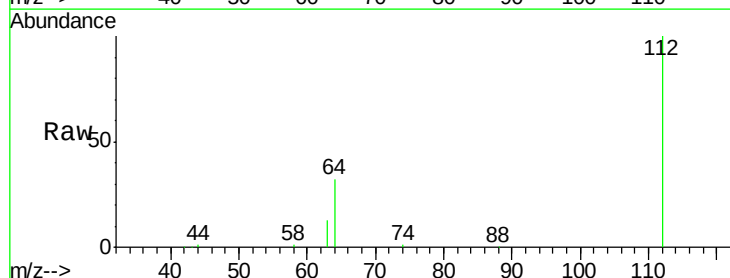
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



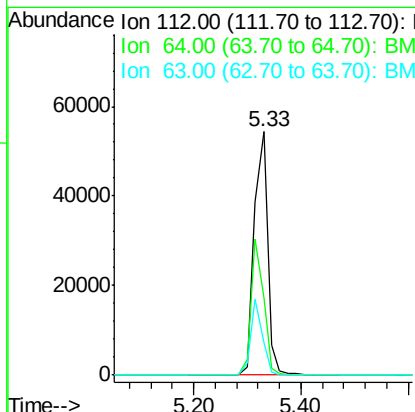
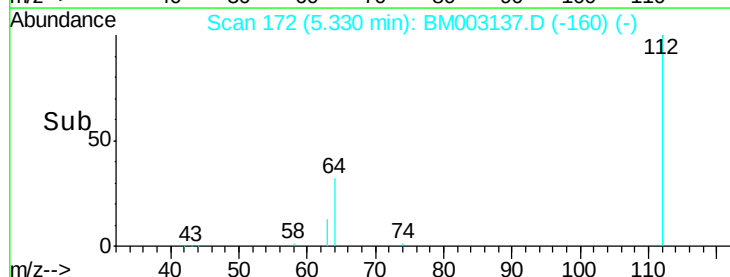
#4

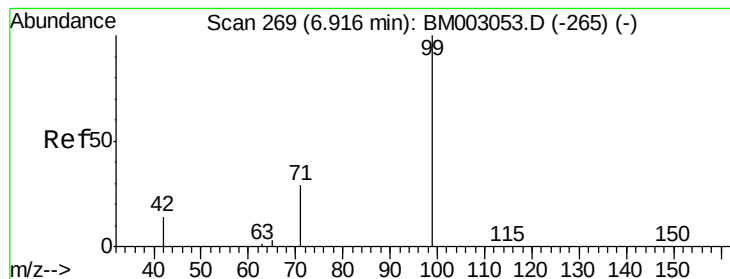
2-Fluorophenol
Concen: 6.45 ng
RT: 5.33 min Scan# 172
Delta R.T. -0.02 min
Lab File: BM003137.D
Acq: 16 Nov 2015 11:30

Tgt Ion:112 Resp: 95722
Ion Ratio Lower Upper
112 100
64 51.3 41.2 61.8
63 26.6 21.2 31.8



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: 6.64 ng

RT: 6.90 min Scan# 268

Delta R.T. -0.02 min

Lab File: BM003137.D

Acq: 16 Nov 2015 11:30

Instrument :

BNA_M

ClientSampleId :

PB86422BL

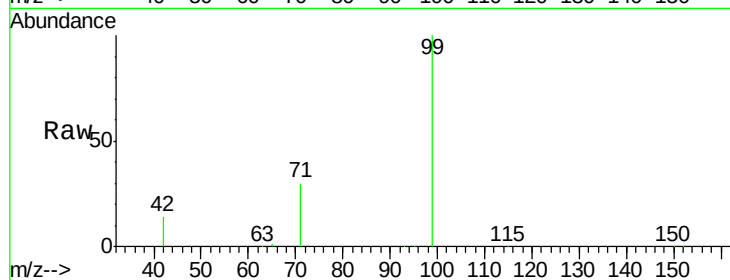
Tot Ion: 99 Resp: 114985

Ion Ratio Lower Upper

99 100

42 16.9 14.6 22.0

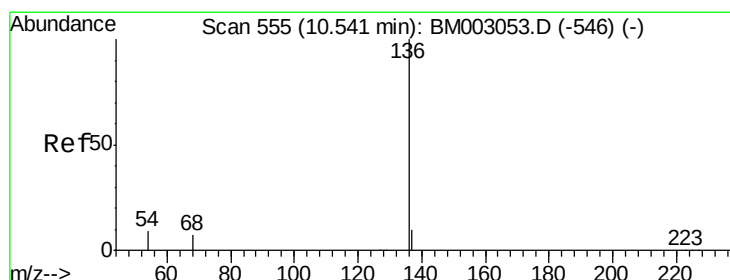
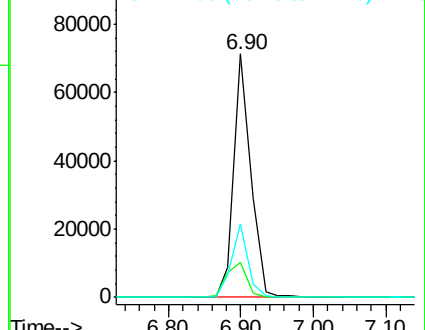
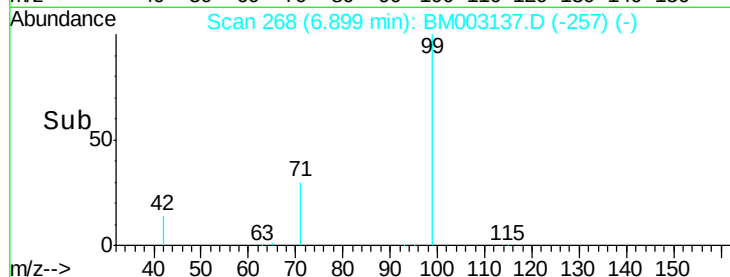
71 28.9 23.3 34.9



Abundance Ion 99.00 (98.70 to 99.70): BM003137.D (-268) (-)

Ion 42.00 (41.70 to 42.70): BM003137.D (-268) (-)

Ion 71.00 (70.70 to 71.70): BM003137.D (-268) (-)



#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.53 min Scan# 555

Delta R.T. -0.01 min

Lab File: BM003137.D

Acq: 16 Nov 2015 11:30

Tgt Ion: 136 Resp: 269935

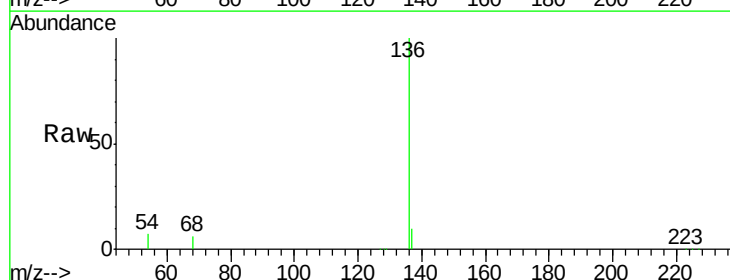
Ion Ratio Lower Upper

136 100

137 10.3 8.0 12.0

54 7.1 7.4 11.0#

68 5.8 5.8 8.6

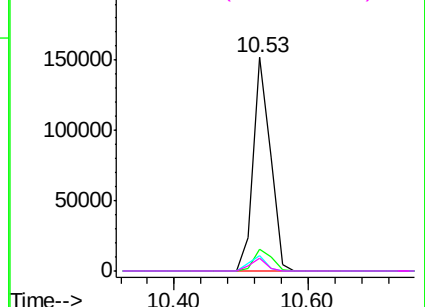
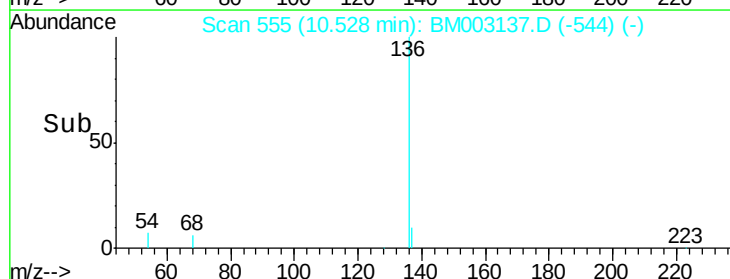


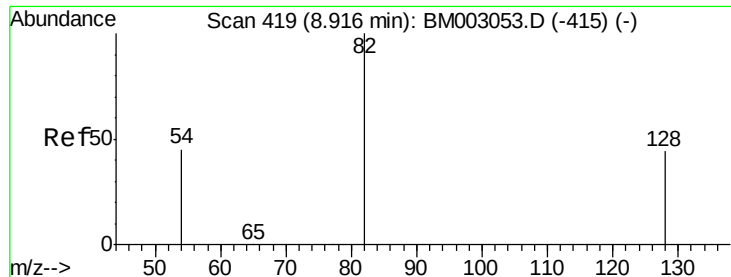
Abundance Ion 136.00 (135.70 to 136.70): BM003137.D (-548) (-)

Ion 137.00 (136.70 to 137.70): BM003137.D (-548) (-)

Ion 54.00 (53.70 to 54.70): BM003137.D (-548) (-)

Ion 68.00 (67.70 to 68.70): BM003137.D (-548) (-)





#8

Nitrobenzene-d5

Concen: 3.36 ng

RT: 8.90 min Scan# 418

Delta R.T. -0.02 min

Lab File: BM003137.D

Acq: 16 Nov 2015 11:30

Instrument :

BNA_M

ClientSampleId :

PB86422BL

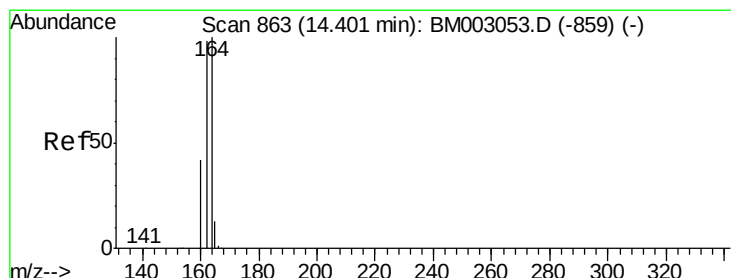
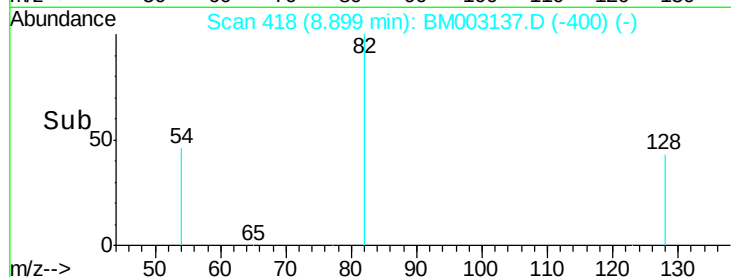
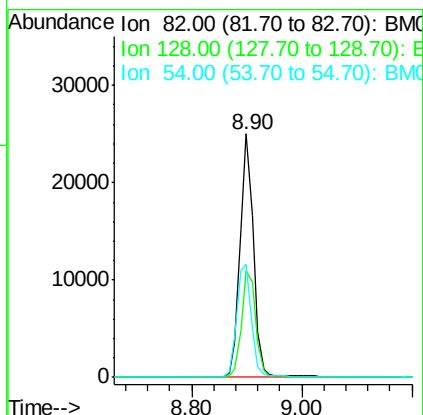
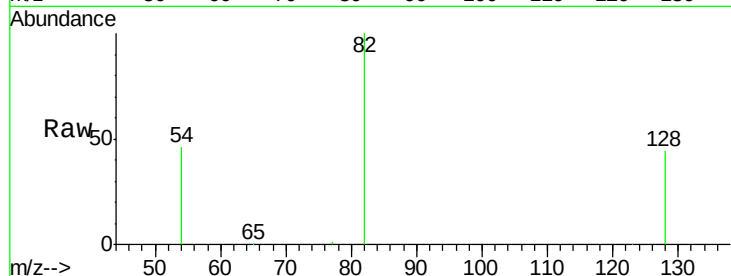
Tot Ion: 82 Resp: 41833

Ion Ratio Lower Upper

82 100

128 43.6 35.2 52.8

54 46.4 36.4 54.6



#13

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.39 min Scan# 863

Delta R.T. -0.01 min

Lab File: BM003137.D

Acq: 16 Nov 2015 11:30

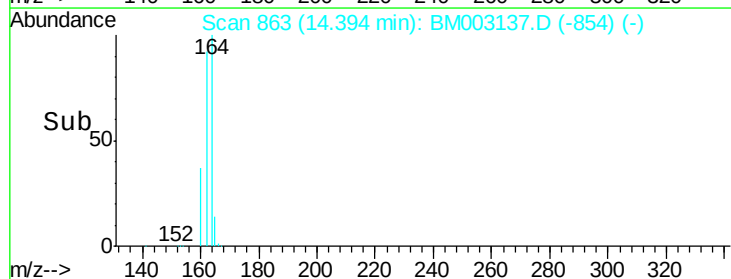
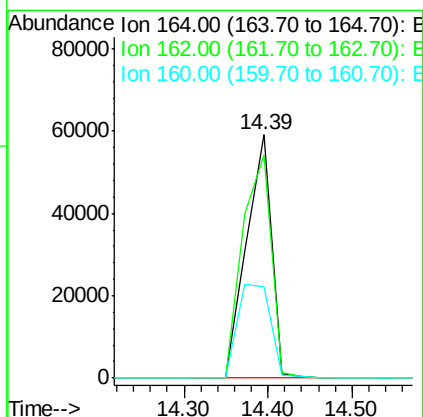
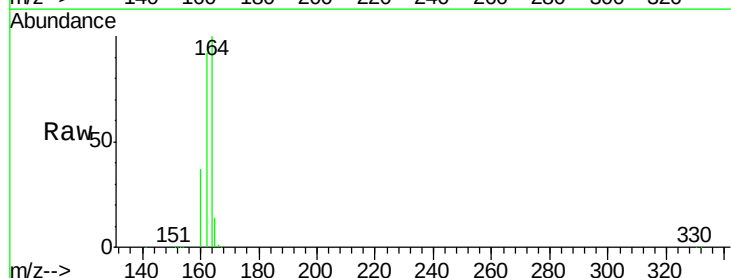
Tgt Ion: 164 Resp: 121985

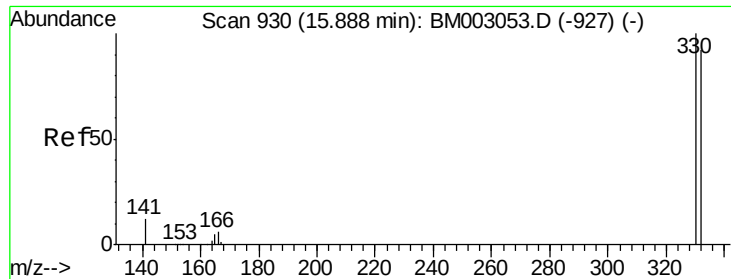
Ion Ratio Lower Upper

164 100

162 91.9 78.3 117.5

160 37.4 33.8 50.6

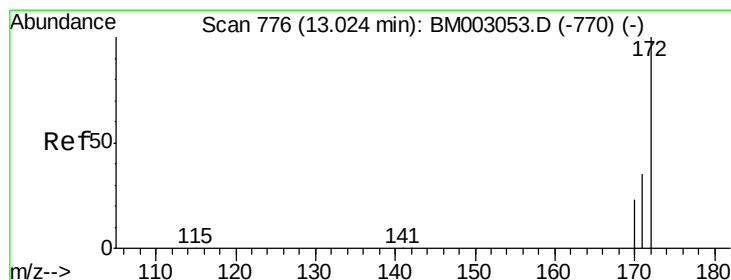
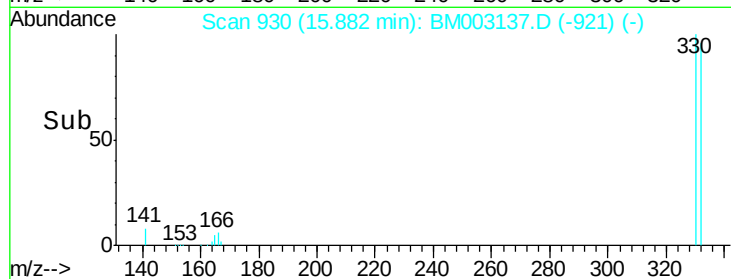
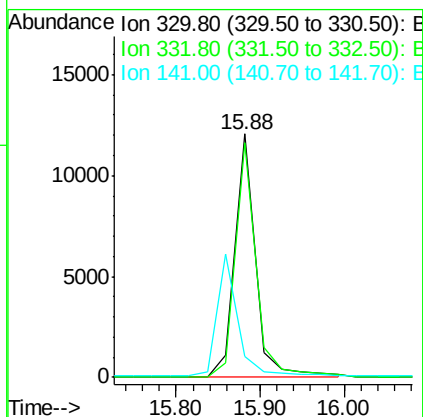
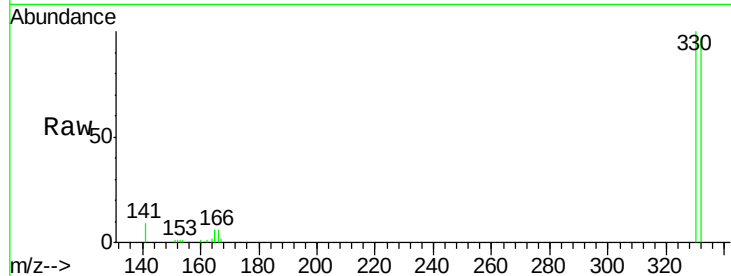




#14
 2,4,6-Tribromophenol
 Concen: 6.40 ng
 RT: 15.88 min Scan# 930
 Delta R.T. -0.01 min
 Lab File: BM003137.D
 Acq: 16 Nov 2015 11:30

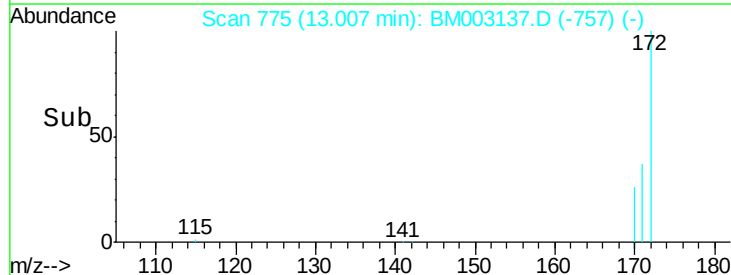
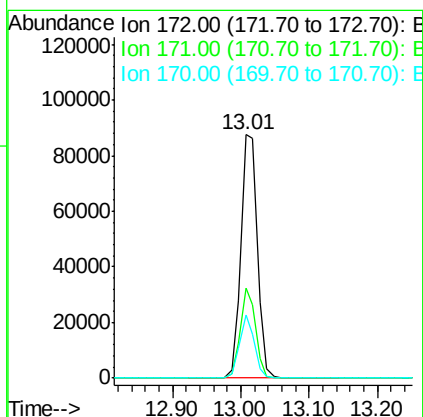
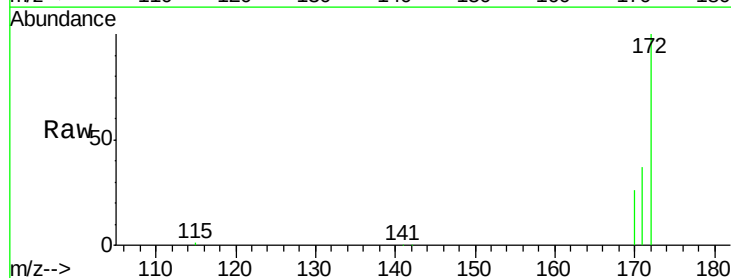
Instrument :
 BNA_M
 ClientSampleId :
 PB86422BL

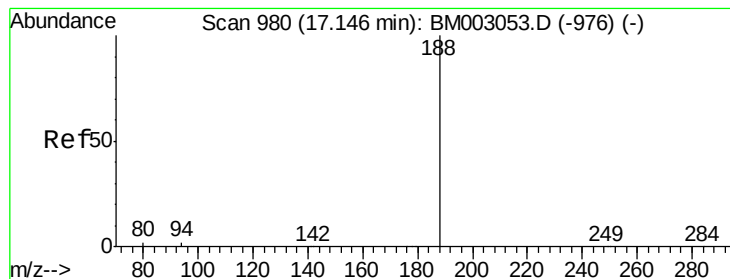
Tot Ion:330 Resp: 20223
 Ion Ratio Lower Upper
 330 100
 332 96.1 76.0 114.0
 141 0.0 0.0 0.0



#15
 2-Fluorobiphenyl
 Concen: 3.85 ng
 RT: 13.01 min Scan# 775
 Delta R.T. -0.02 min
 Lab File: BM003137.D
 Acq: 16 Nov 2015 11:30

Tgt Ion:172 Resp: 147924
 Ion Ratio Lower Upper
 172 100
 171 36.8 28.0 42.0
 170 26.2 18.9 28.3





#19

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.14 min Scan# 980

Delta R.T. -0.01 min

Lab File: BM003137.D

Acq: 16 Nov 2015 11:30

Instrument :

BNA_M

ClientSampleId :

PB86422BL

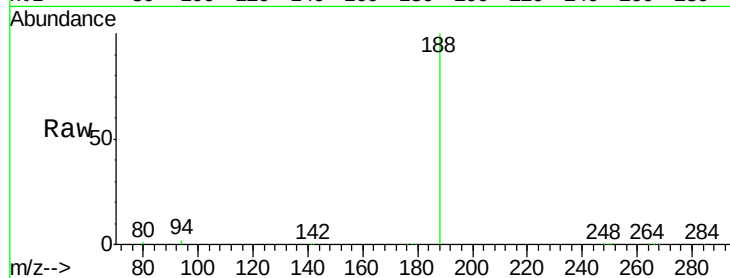
Tot Ion:188 Resp: 228912

Ion Ratio Lower Upper

188 100

94 1.8 1.8 2.6

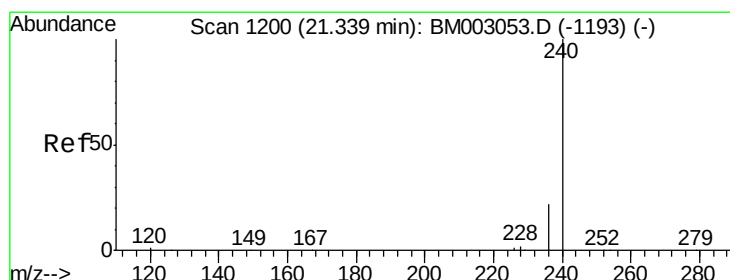
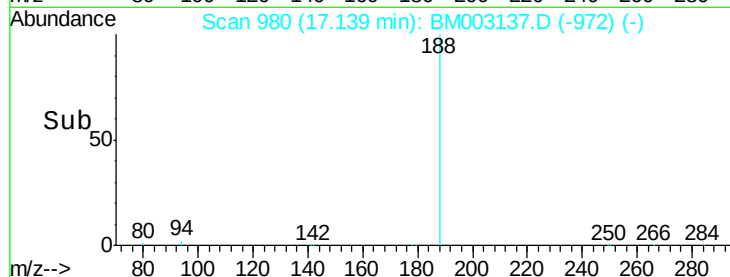
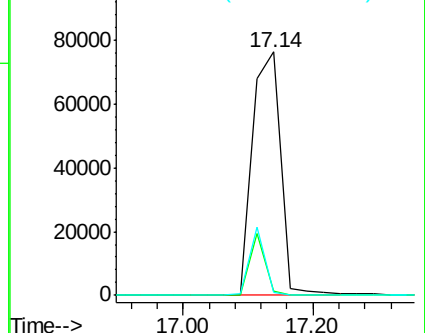
80 1.5 1.4 2.0



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



#26

Chrysene-d12

Concen: 5.00 ng

RT: 21.33 min Scan# 1200

Delta R.T. -0.01 min

Lab File: BM003137.D

Acq: 16 Nov 2015 11:30

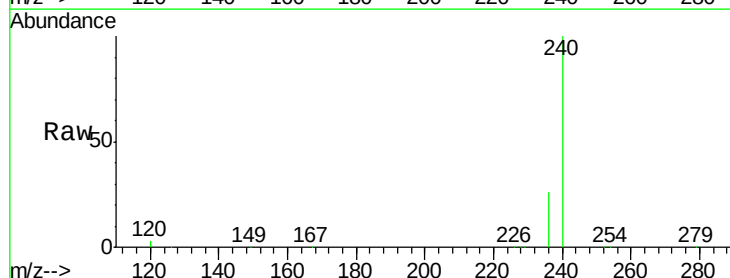
Tgt Ion:240 Resp: 234724

Ion Ratio Lower Upper

240 100

120 3.0 1.0 1.4#

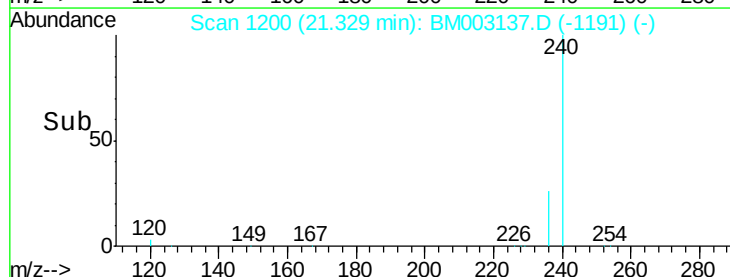
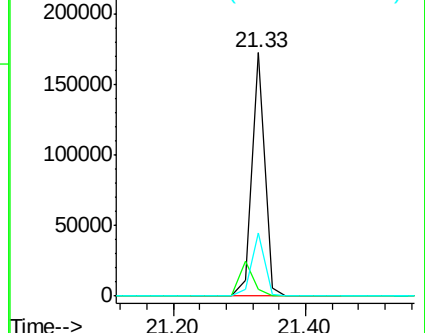
236 25.8 17.9 26.9

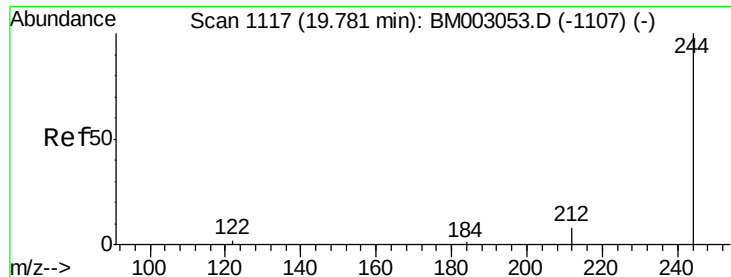


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 3.12 ng

RT: 19.77 min Scan# 1117

Delta R.T. -0.01 min

Lab File: BM003137.D

Acq: 16 Nov 2015 11:30

Instrument :

BNA_M

ClientSampleId :

PB86422BL

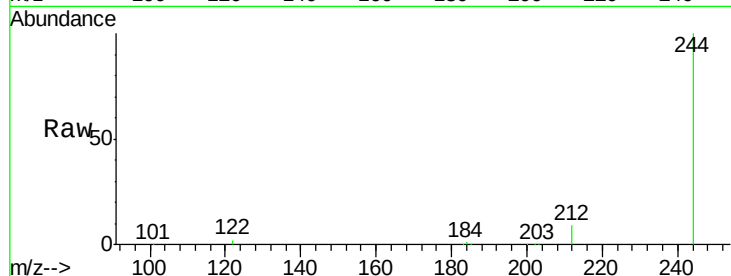
Tot Ion:244 Resp: 105570

Ion Ratio Lower Upper

244 100

212 8.5 6.5 9.7

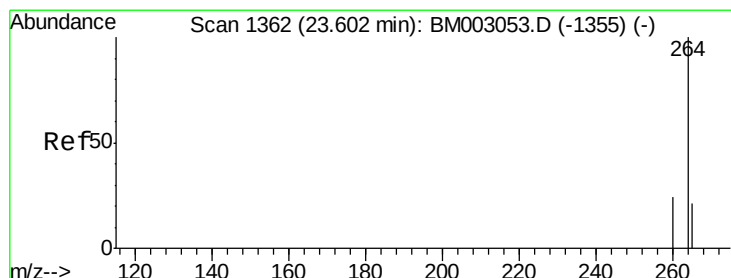
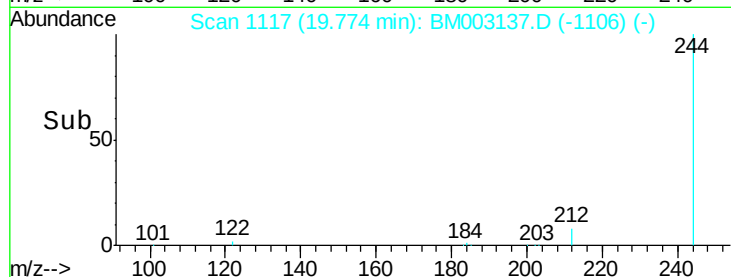
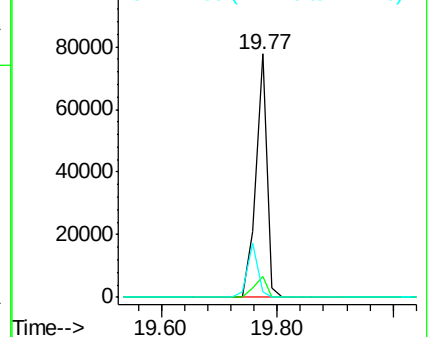
122 2.1 2.0 3.0



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



#35

Perylene-d12

Concen: 5.00 ng

RT: 23.59 min Scan# 1361

Delta R.T. -0.01 min

Lab File: BM003137.D

Acq: 16 Nov 2015 11:30

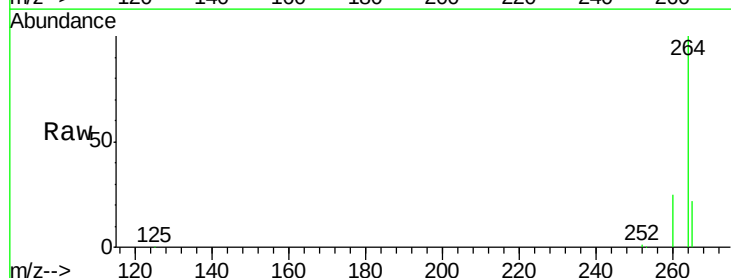
Tgt Ion:264 Resp: 192616

Ion Ratio Lower Upper

264 100

260 24.7 19.6 29.4

265 22.3 18.4 27.6



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

