

Data Path : Z:\HPCHEM1\BNA M\DATA\BM040715\
 Data File : BM000894.D
 Acq On : 08 Apr 2015 00:46
 Operator : TP/IZ
 Sample : PB82336BL
 Misc : LOD/L00-SOIL- BLK
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB82336BL

Quant Time: Apr 08 02:21:00 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SIM-BM040715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 07 15:59:39 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	20770	5.00	ng	-0.04
11) Naphthalene-d8	10.39	136	103112	5.00	ng	0.00
19) Acenaphthene-d10	14.26	164	56124	5.00	ng	0.00
26) Phenanthrene-d10	17.00	188	136972	5.00	ng	0.00
30) Chrysene-d12	21.19	240	102818	5.00	ng	0.00
34) Perylene-d12	23.39	264	96181	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.19	112	86931	12.47	ng	-0.02
5) Phenol-d6	6.77	99	149279	10.45	ng	0.00
12) Nitrobenzene-d5	8.73	82	40179	7.81	ng	-0.04
20) 2,4,6-Tribromophenol	15.77	330	20296	8.66	ng	0.02
23) 2-Fluorobiphenyl	12.87	172	166426	9.62	ng	0.00
32) Terphenyl-d14	19.65	244	129936	10.25	ng	0.00

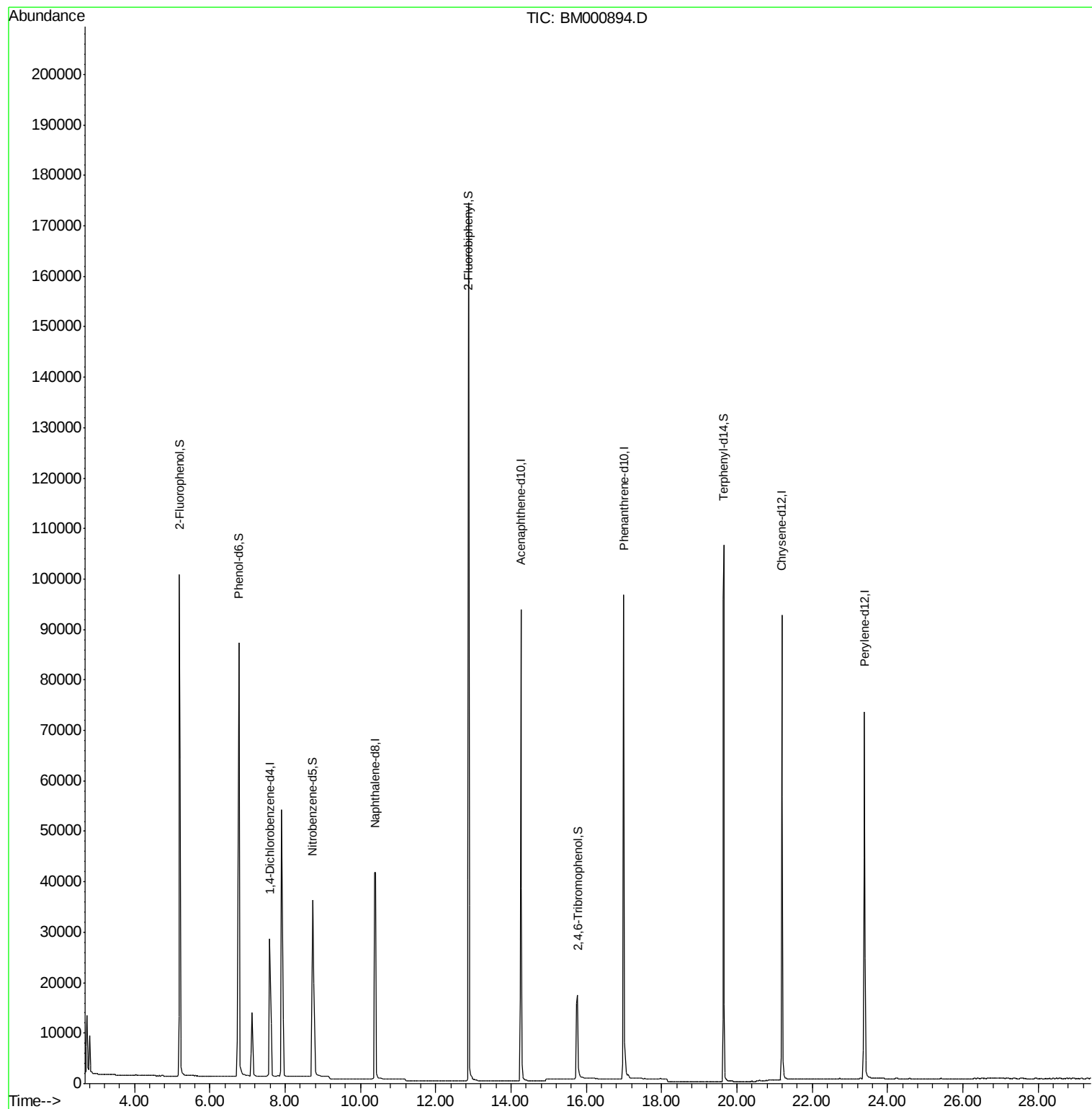
Target Compounds Qvalue

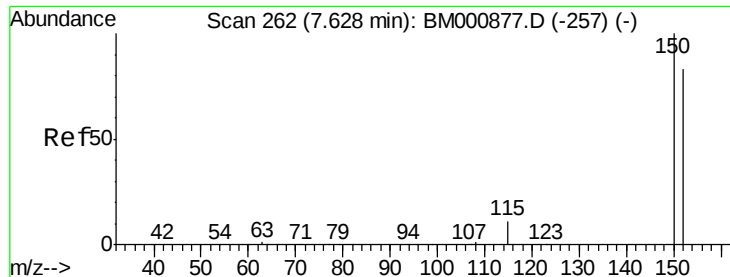
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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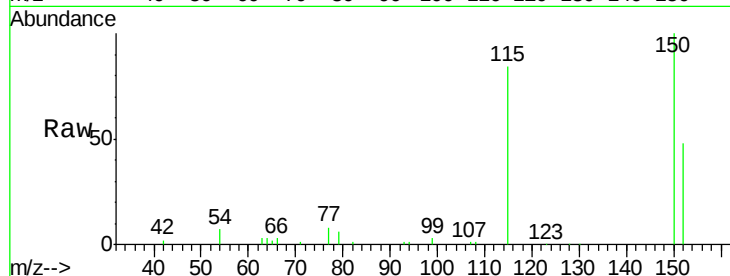


#1

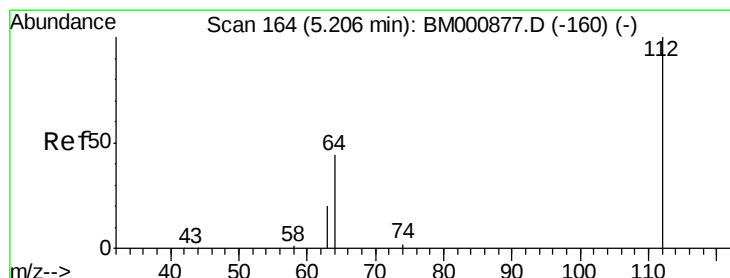
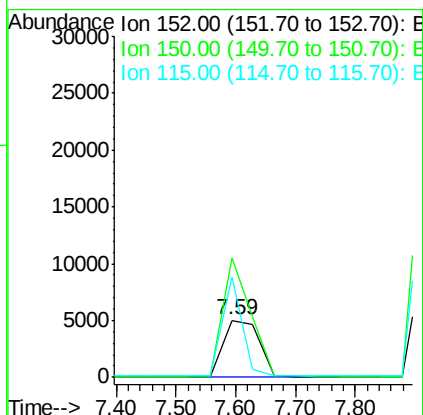
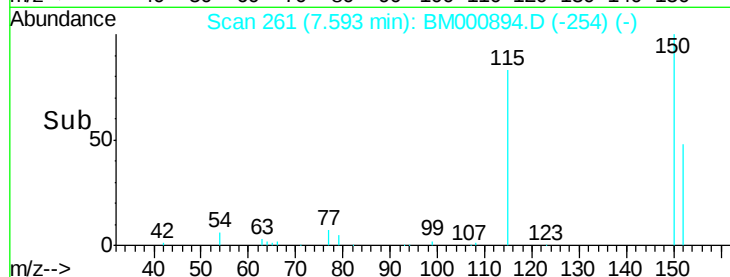
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.59 min Scan# 261
Delta R.T. -0.04 min
Lab File: BM000894.D
Acq: 08 Apr 2015 00:46

Instrument :
BNA_M
ClientSampleId :
PB82336BL

Tot Ion:152 Resp: 20770
Ion Ratio Lower Upper
152 100
150 207.9 96.5 144.7#
115 174.3 11.9 17.9#



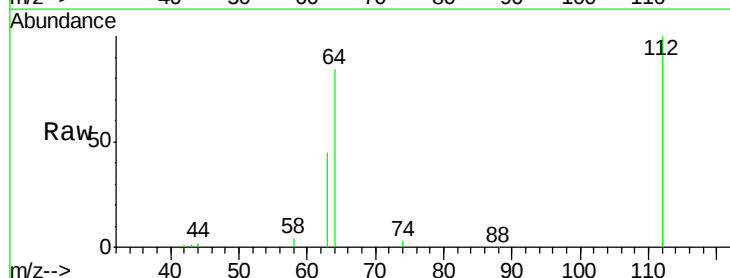
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



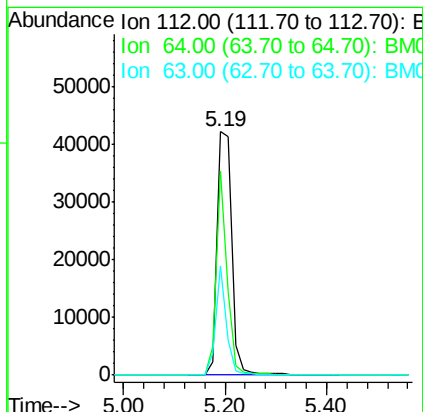
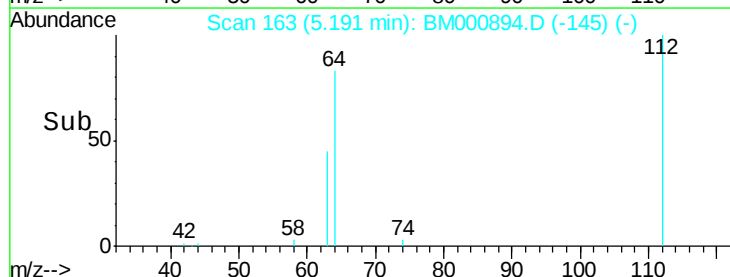
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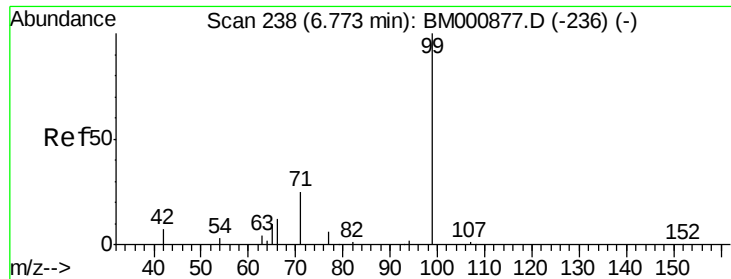
2-Fluorophenol
Concen: 12.47 ng
RT: 5.19 min Scan# 163
Delta R.T. -0.02 min
Lab File: BM000894.D
Acq: 08 Apr 2015 00:46

Tgt Ion:112 Resp: 86931
Ion Ratio Lower Upper
112 100
64 83.5 35.7 53.5#
63 45.0 17.0 25.4#



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: 10.45 ng

RT: 6.77 min Scan# 238

Delta R.T. 0.00 min

Lab File: BM000894.D

Acq: 08 Apr 2015 00:46

Instrument :

BNA_M

ClientSampleId :

PB82336BL

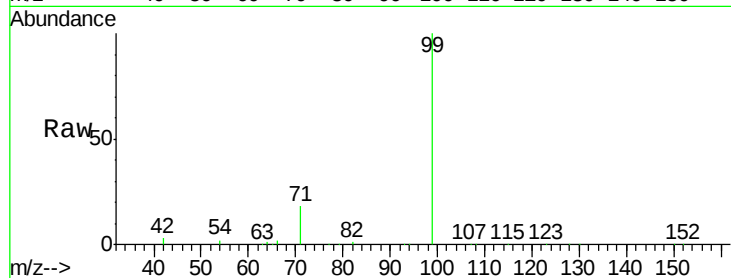
Tot Ion: 99 Resp: 149279

Ion Ratio Lower Upper

99 100

42 3.0 7.5 11.3#

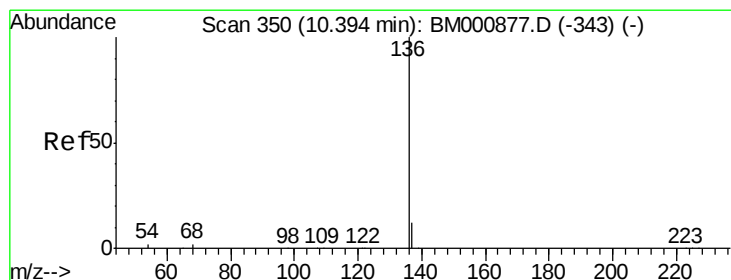
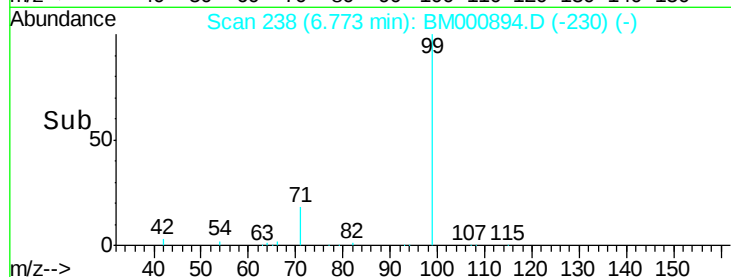
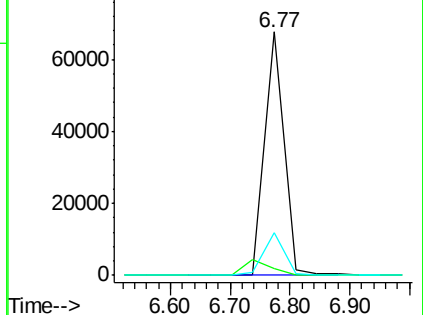
71 17.7 21.3 31.9#



Abundance Ion 99.00 (98.70 to 99.70): BM000877.D (-236) (-)

Ion 42.00 (41.70 to 42.70): BM000877.D (-236) (-)

Ion 71.00 (70.70 to 71.70): BM000877.D (-236) (-)



#11

Naphthalene-d8

Concen: 5.00 ng

RT: 10.39 min Scan# 350

Delta R.T. -0.00 min

Lab File: BM000894.D

Acq: 08 Apr 2015 00:46

Tgt Ion: 136 Resp: 103112

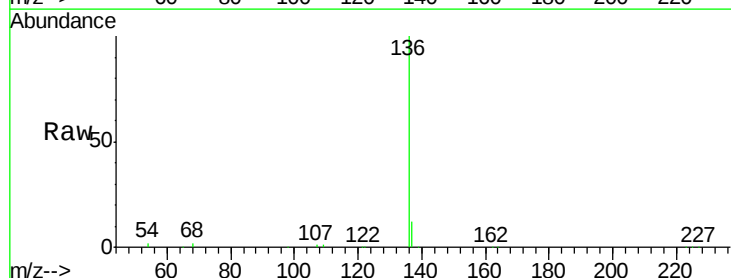
Ion Ratio Lower Upper

136 100

137 12.2 9.6 14.4

54 1.8 1.5 2.3

68 1.9 1.6 2.4

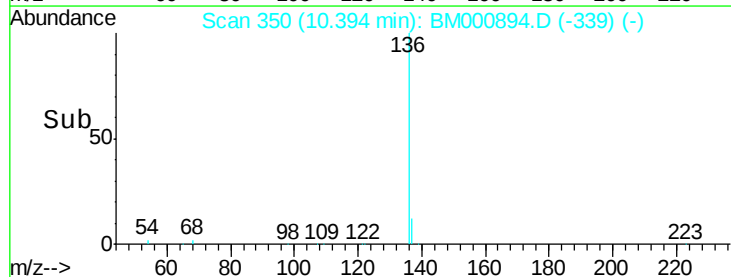
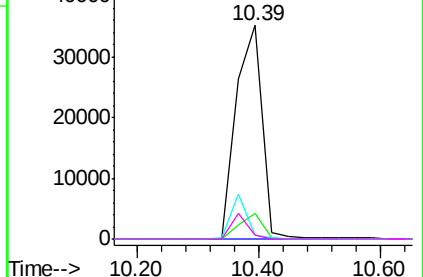


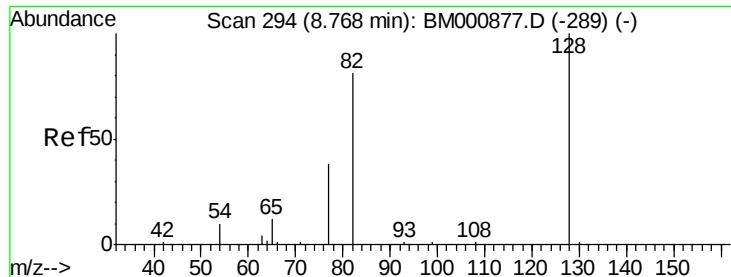
Abundance Ion 136.00 (135.70 to 136.70): BM000877.D (-343) (-)

Ion 137.00 (136.70 to 137.70): BM000877.D (-343) (-)

Ion 54.00 (53.70 to 54.70): BM000877.D (-343) (-)

Ion 68.00 (67.70 to 68.70): BM000877.D (-343) (-)

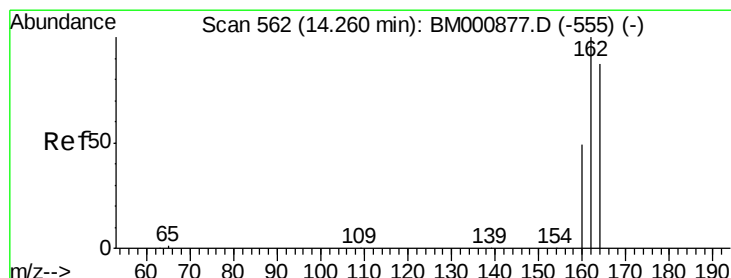
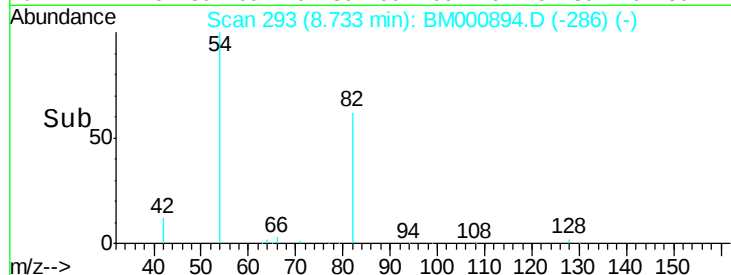
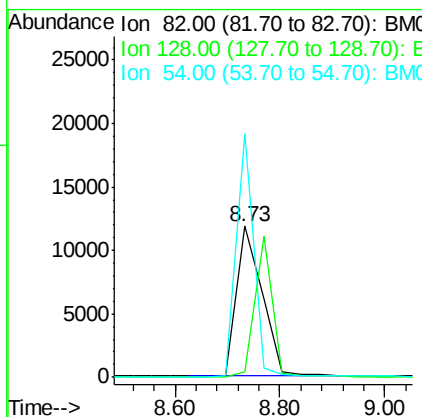
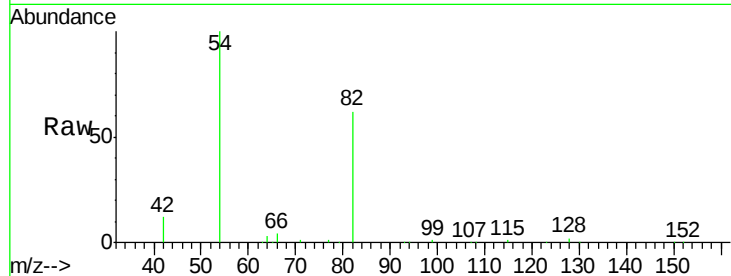




#12
Nitrobenzene-d5
Concen: 7.81 ng
RT: 8.73 min Scan# 293
Delta R.T. -0.04 min
Lab File: BM000894.D
Acq: 08 Apr 2015 00:46

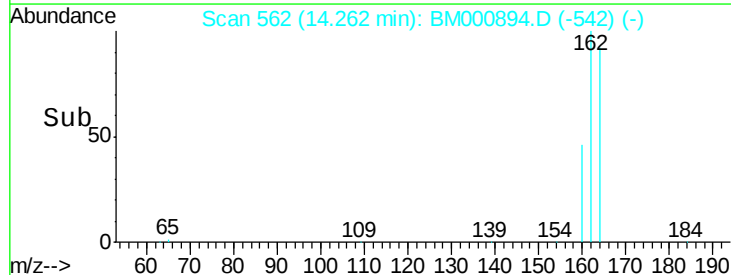
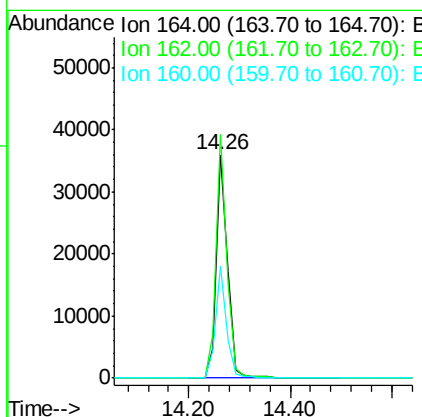
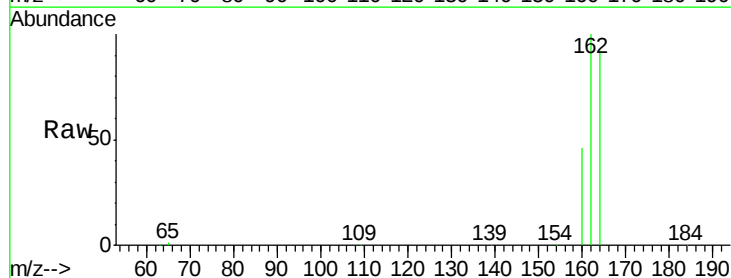
Instrument :
BNA_M
ClientSampleID :
PB82336BL

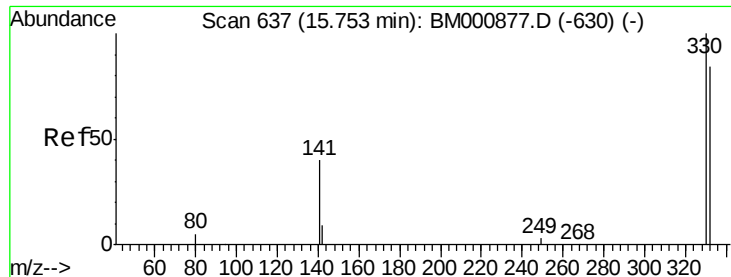
Tot Ion: 82 Resp: 40179
Ion Ratio Lower Upper
82 100
128 3.3 96.2 144.2#
54 160.9 15.0 22.6#



#19
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.26 min Scan# 562
Delta R.T. 0.00 min
Lab File: BM000894.D
Acq: 08 Apr 2015 00:46

Tgt Ion: 164 Resp: 56124
Ion Ratio Lower Upper
164 100
162 109.0 91.8 137.6
160 49.8 44.6 67.0

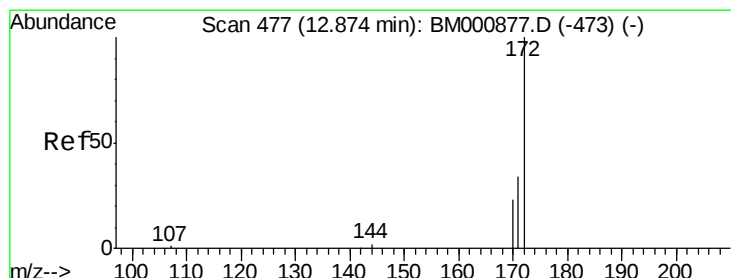
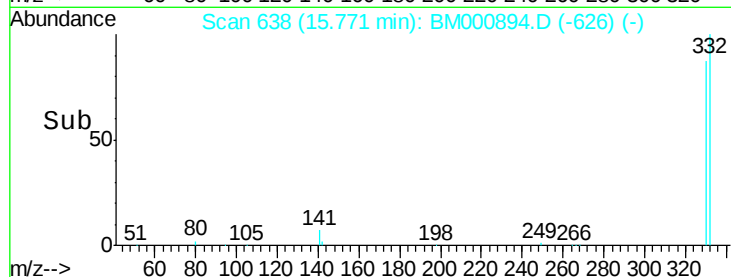
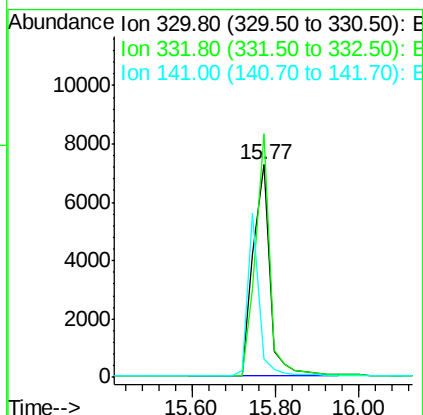
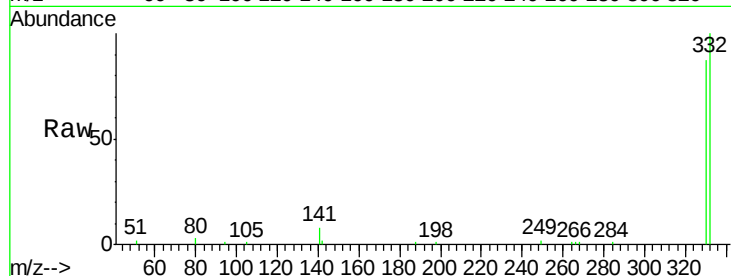




#20
 2,4,6-Tribromophenol
 Concen: 8.66 ng
 RT: 15.77 min Scan# 638
 Delta R.T. 0.02 min
 Lab File: BM000894.D
 Acq: 08 Apr 2015 00:46

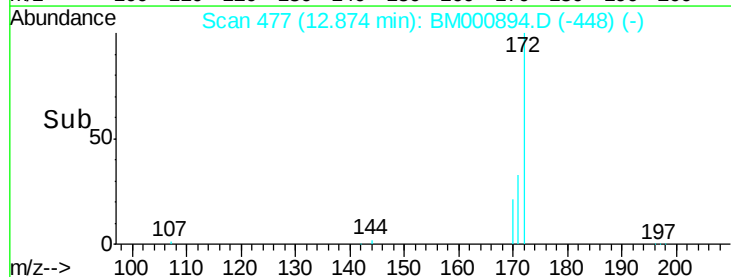
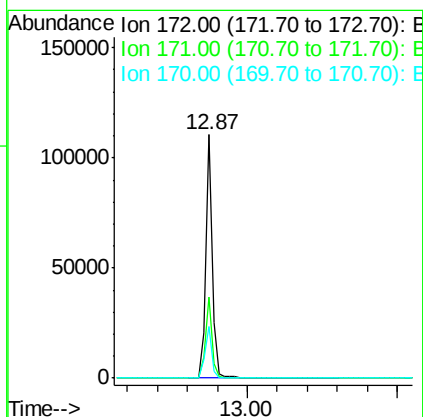
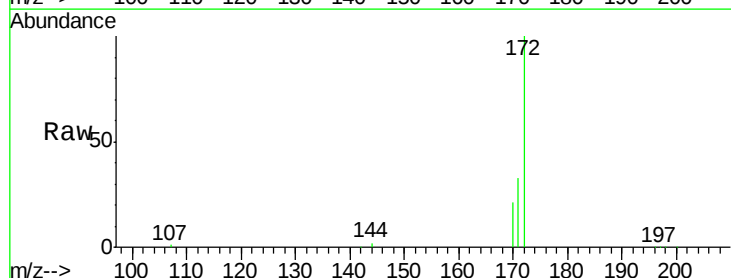
Instrument :
 BNA_M
 ClientSampleId :
 PB82336BL

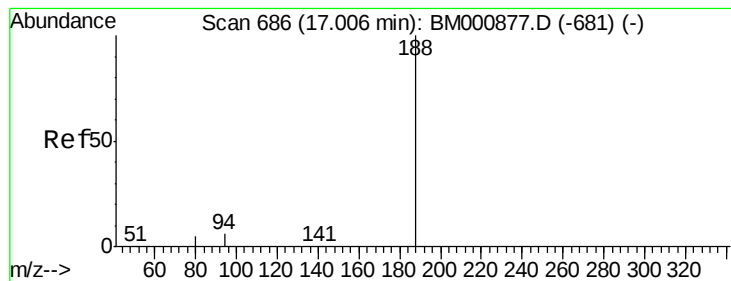
Tot Ion:330 Resp: 20296
 Ion Ratio Lower Upper
 330 100
 332 99.3 72.6 109.0
 141 0.0 29.8 44.6#



#23
 2-Fluorobiphenyl
 Concen: 9.62 ng
 RT: 12.87 min Scan# 477
 Delta R.T. -0.00 min
 Lab File: BM000894.D
 Acq: 08 Apr 2015 00:46

Tgt Ion:172 Resp: 166426
 Ion Ratio Lower Upper
 172 100
 171 33.2 27.8 41.8
 170 21.4 19.0 28.6





#26

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.00 min Scan# 686

Delta R.T. -0.01 min

Lab File: BM000894.D

Acq: 08 Apr 2015 00:46

Instrument :

BNA_M

ClientSampled :

PB82336BL

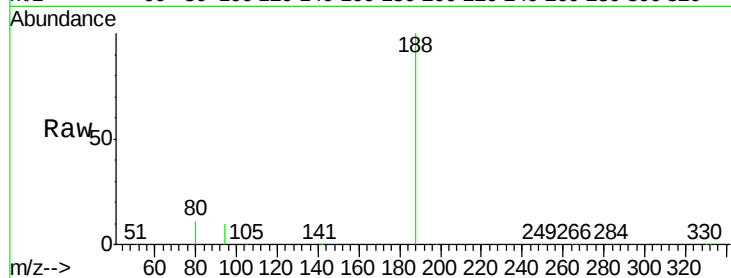
Tot Ion:188 Resp: 136972

Ion Ratio Lower Upper

188 100

94 10.4 4.9 7.3#

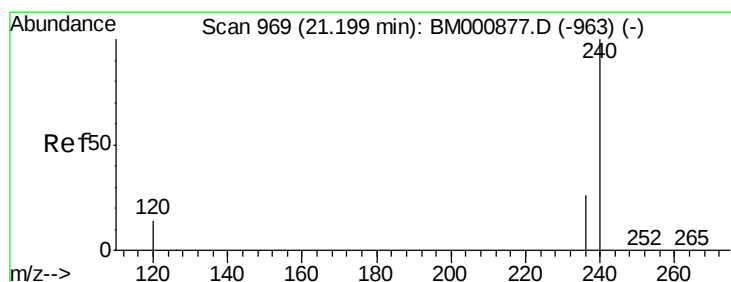
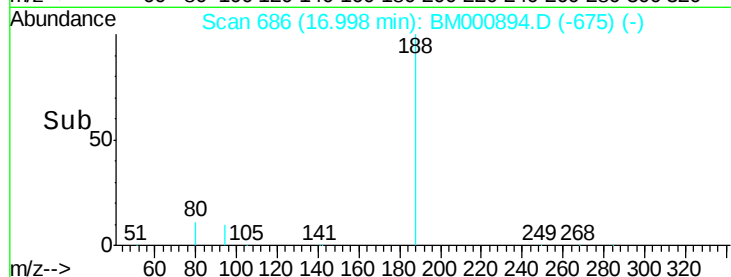
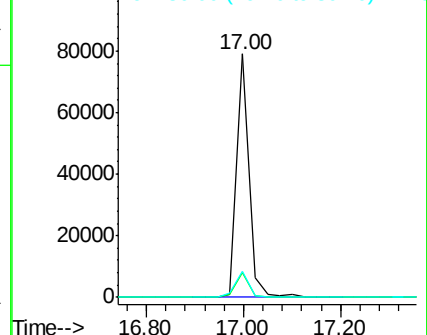
80 10.7 4.4 6.6#



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



#30

Chrysene-d12

Concen: 5.00 ng

RT: 21.19 min Scan# 969

Delta R.T. -0.01 min

Lab File: BM000894.D

Acq: 08 Apr 2015 00:46

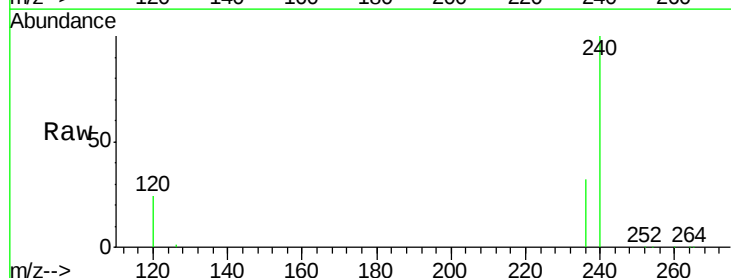
Tgt Ion:240 Resp: 102818

Ion Ratio Lower Upper

240 100

120 24.2 11.1 16.7#

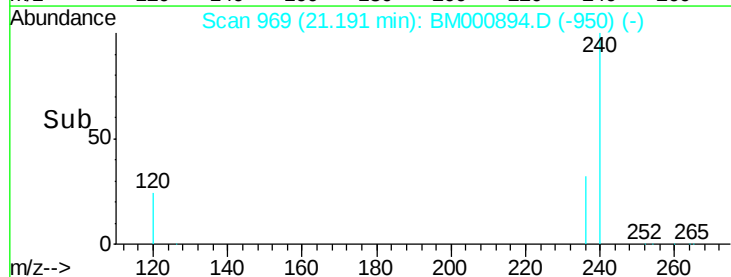
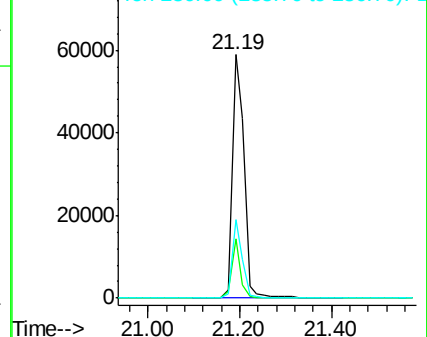
236 32.0 20.9 31.3#

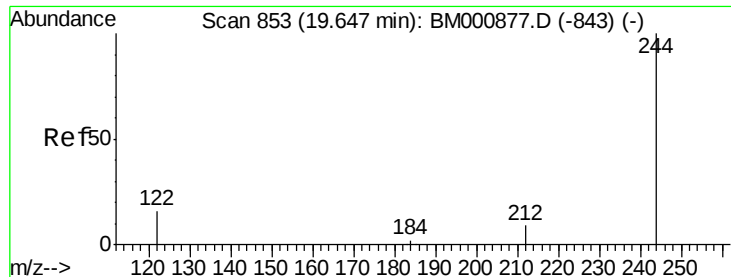


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

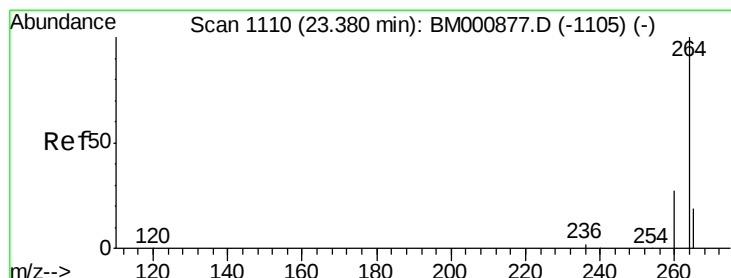
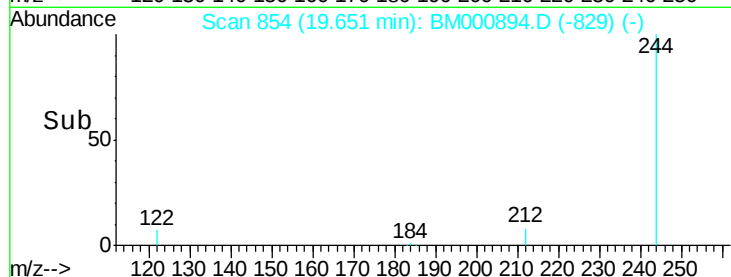
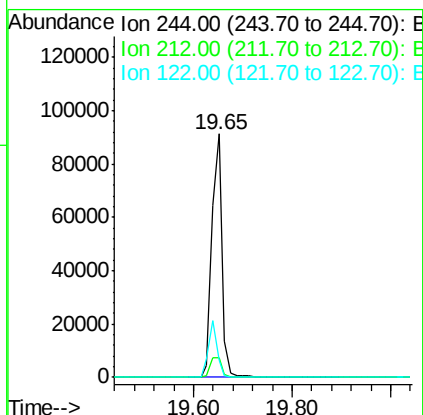
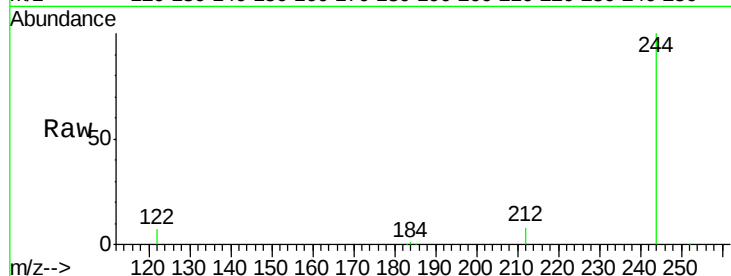




#32
 Terphenyl-d14
 Concen: 10.25 ng
 RT: 19.65 min Scan# 854
 Delta R.T. 0.00 min
 Lab File: BM000894.D
 Acq: 08 Apr 2015 00:46

Instrument :
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Tot Ion:244 Resp: 129936
 Ion Ratio Lower Upper
 244 100
 212 8.2 8.1 12.1
 122 6.8 13.6 20.4#



#34
 Perylene-d12
 Concen: 5.00 ng
 RT: 23.39 min Scan# 1111
 Delta R.T. 0.01 min
 Lab File: BM000894.D
 Acq: 08 Apr 2015 00:46

Tgt Ion:264 Resp: 96181
 Ion Ratio Lower Upper
 264 100
 260 24.1 21.6 32.4
 265 21.8 16.1 24.1

