

Data Path : Z:\HPCHEM1\BNA M\DATA\BM040715\
 Data File : BM000891.D
 Acq On : 07 Apr 2015 22:59
 Operator : TP/IZ
 Sample : PB82421BL
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB82421BL

Quant Time: Apr 08 02:10:24 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	20726	5.00	ng	-0.04
11) Naphthalene-d8	10.39	136	103768	5.00	ng	0.00
19) Acenaphthene-d10	14.26	164	56220	5.00	ng	0.00
26) Phenanthrene-d10	17.00	188	144626	5.00	ng	0.00
30) Chrysene-d12	21.19	240	106483	5.00	ng	0.00
34) Perylene-d12	23.39	264	97356	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.21	112	67111	9.65	ng	0.00
5) Phenol-d6	6.77	99	113814	8.03	ng	0.00
12) Nitrobenzene-d5	8.73	82	30316	5.86	ng	-0.04
20) 2,4,6-Tribromophenol	15.77	330	18573	7.94	ng	0.02
23) 2-Fluorobiphenyl	12.87	172	134685	7.77	ng	0.00
32) Terphenyl-d14	19.65	244	128557	9.79	ng	0.00

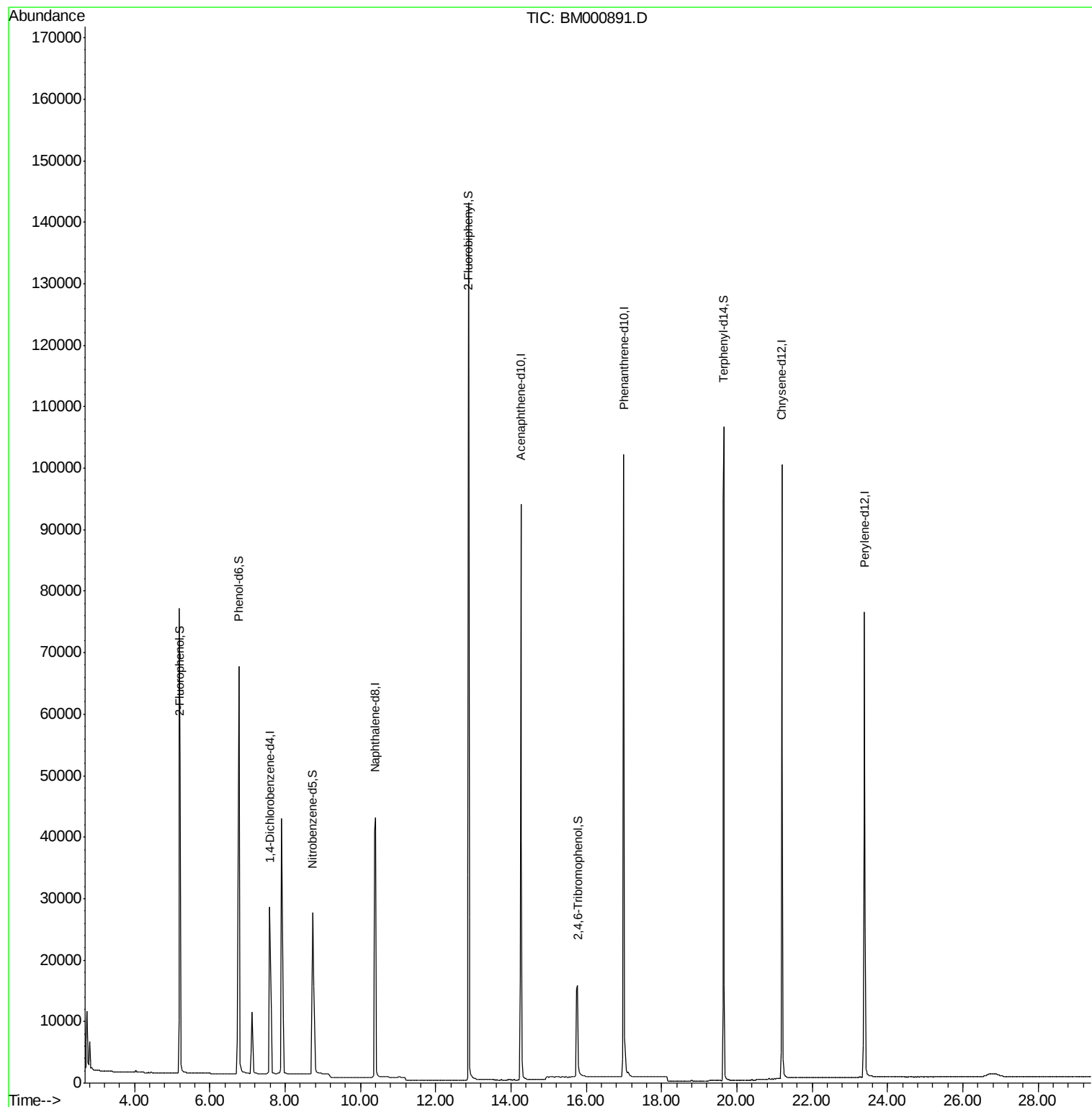
Target Compounds Qvalue

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

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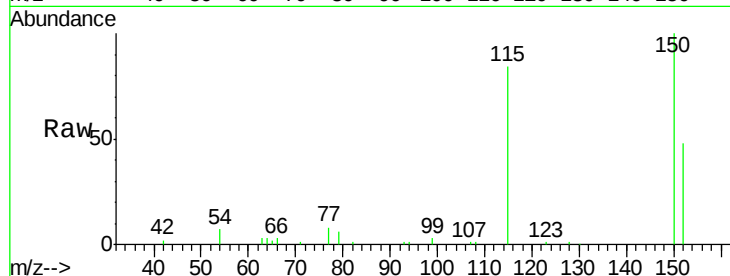


#1

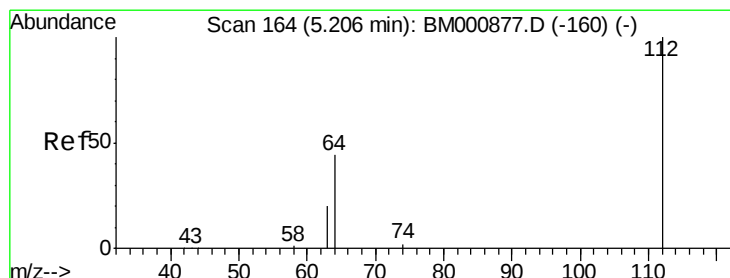
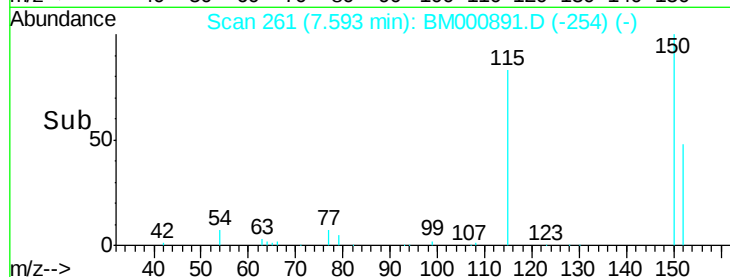
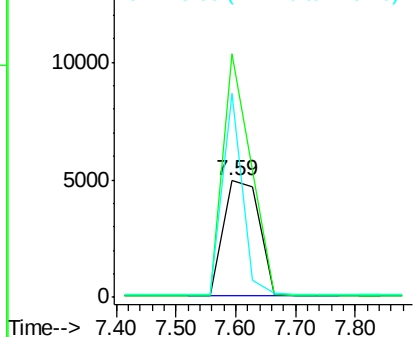
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.59 min Scan# 261
Delta R.T. -0.04 min
Lab File: BM000891.D
Acq: 07 Apr 2015 22:59

Instrument :
BNA_M
ClientSampleId :
PB82421BL

Tot Ion:152 Resp: 20726
Ion Ratio Lower Upper
152 100
150 208.8 96.5 144.7#
115 175.3 11.9 17.9#



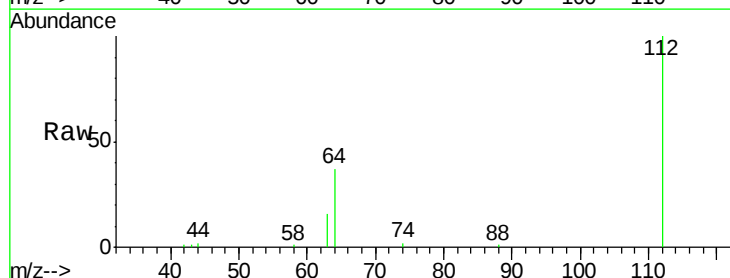
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



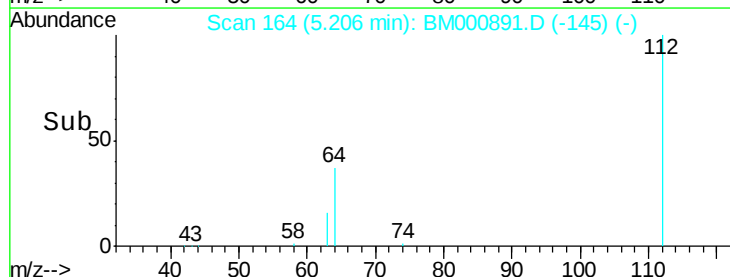
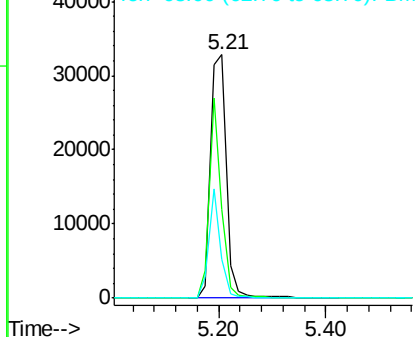
#4

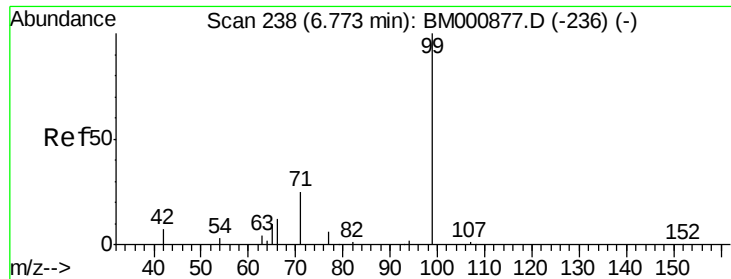
2-Fluorophenol
Concen: 9.65 ng
RT: 5.21 min Scan# 164
Delta R.T. 0.00 min
Lab File: BM000891.D
Acq: 07 Apr 2015 22:59

Tgt Ion:112 Resp: 67111
Ion Ratio Lower Upper
112 100
64 36.7 35.7 53.5
63 15.7 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: 8.03 ng

RT: 6.77 min Scan# 238

Delta R.T. 0.00 min

Lab File: BM000891.D

Acq: 07 Apr 2015 22:59

Instrument :

BNA_M

ClientSampleId :

PB82421BL

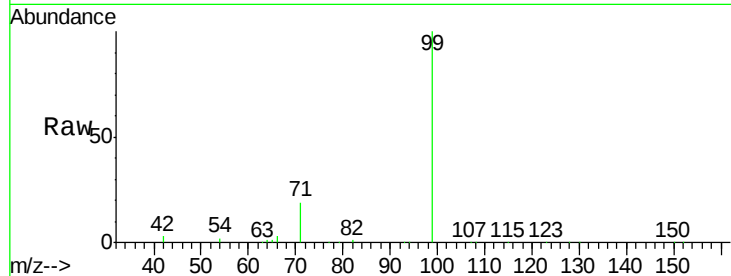
Tot Ion: 99 Resp: 113814

Ion Ratio Lower Upper

99 100

42 3.4 7.5 11.3#

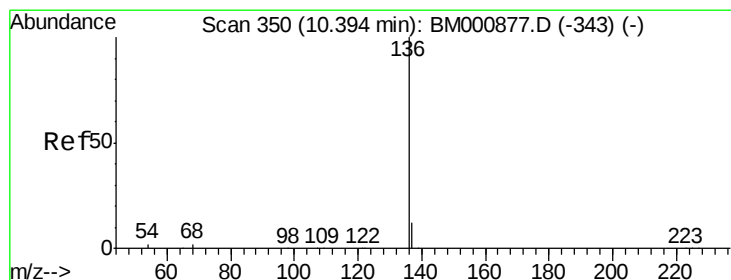
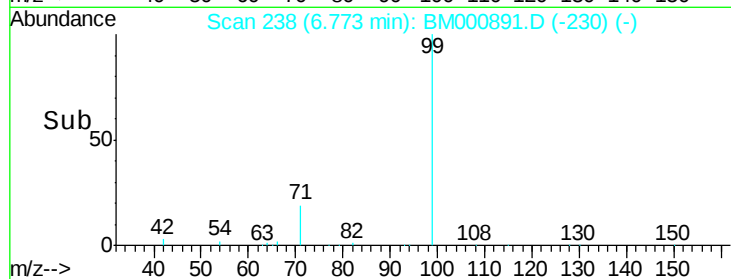
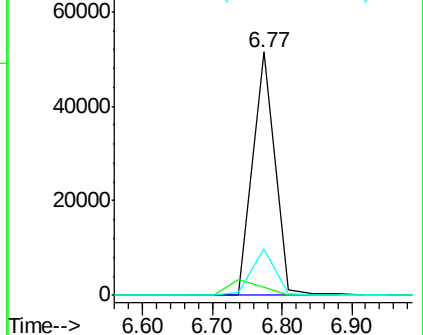
71 18.9 21.3 31.9#



Abundance Ion 99.00 (98.70 to 99.70): BM000891.D (-236) (-)

Ion 42.00 (41.70 to 42.70): BM000891.D (-236) (-)

Ion 71.00 (70.70 to 71.70): BM000891.D (-236) (-)



#11

Naphthalene-d8

Concen: 5.00 ng

RT: 10.39 min Scan# 350

Delta R.T. 0.00 min

Lab File: BM000891.D

Acq: 07 Apr 2015 22:59

Tgt Ion: 136 Resp: 103768

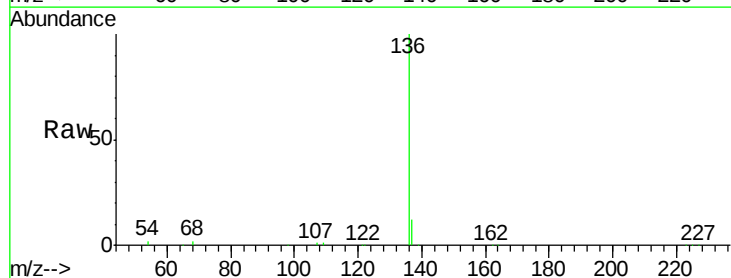
Ion Ratio Lower Upper

136 100

137 12.2 9.6 14.4

54 1.8 1.5 2.3

68 1.8 1.6 2.4

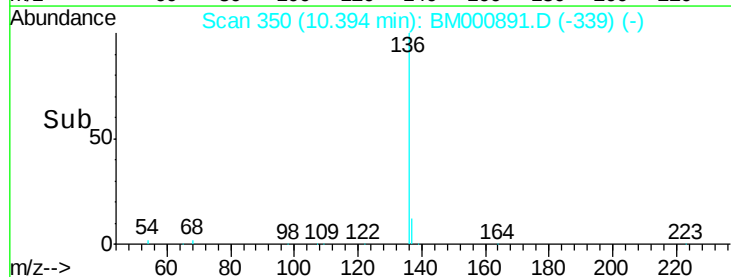
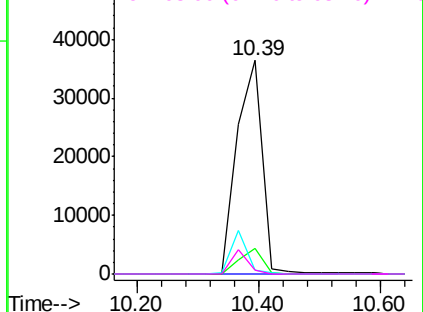


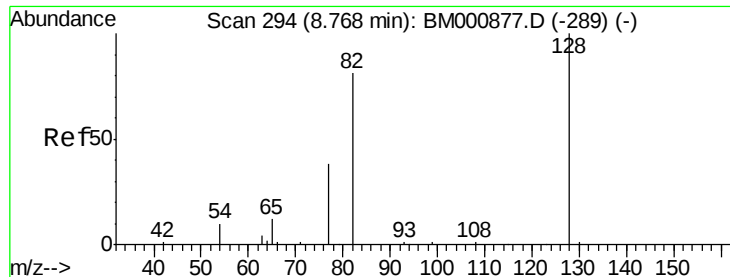
Abundance Ion 136.00 (135.70 to 136.70): BM000891.D (-339) (-)

Ion 137.00 (136.70 to 137.70): BM000891.D (-339) (-)

Ion 54.00 (53.70 to 54.70): BM000891.D (-339) (-)

Ion 68.00 (67.70 to 68.70): BM000891.D (-339) (-)





#12

Nitrobenzene-d5

Concen: 5.86 ng

RT: 8.73 min Scan# 293

Delta R.T. -0.04 min

Lab File: BM000891.D

Acq: 07 Apr 2015 22:59

Instrument :

BNA_M

ClientSampleId :

PB82421BL

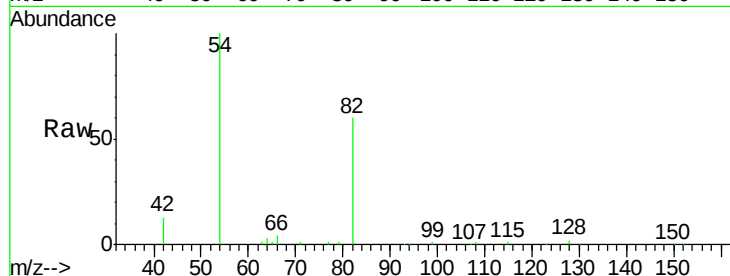
Tot Ion: 82 Resp: 30316

Ion Ratio Lower Upper

82 100

128 3.4 96.2 144.2#

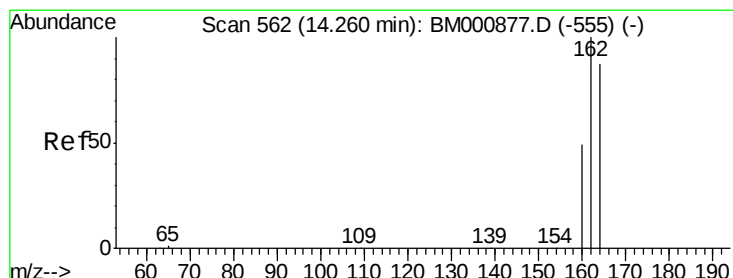
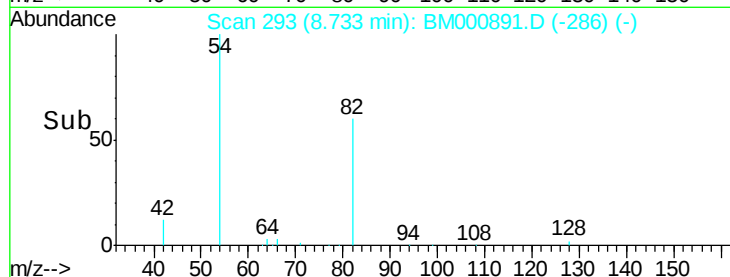
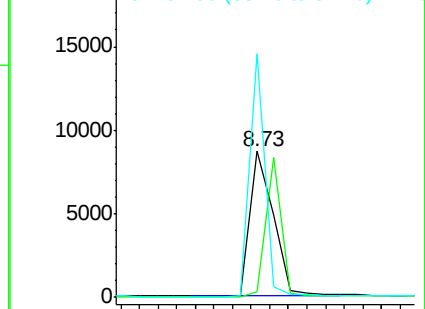
54 166.6 15.0 22.6#



Abundance Ion 82.00 (81.70 to 82.70): BM000891.D (-289) (-)

Ion 128.00 (127.70 to 128.70): BM000891.D (-289) (-)

Ion 54.00 (53.70 to 54.70): BM000891.D (-289) (-)



#19

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.26 min Scan# 562

Delta R.T. 0.00 min

Lab File: BM000891.D

Acq: 07 Apr 2015 22:59

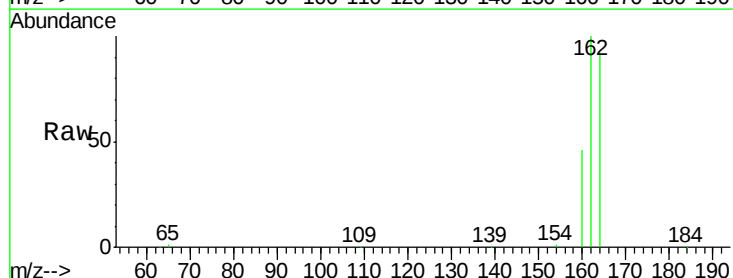
Tgt Ion: 164 Resp: 56220

Ion Ratio Lower Upper

164 100

162 109.1 91.8 137.6

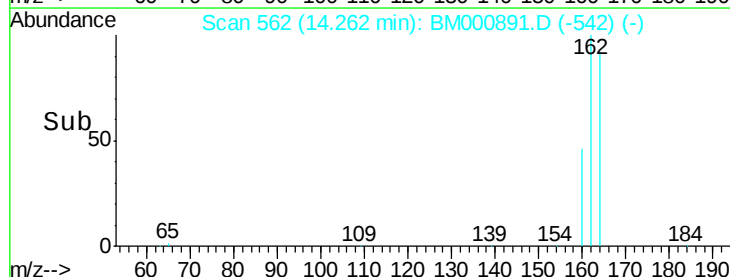
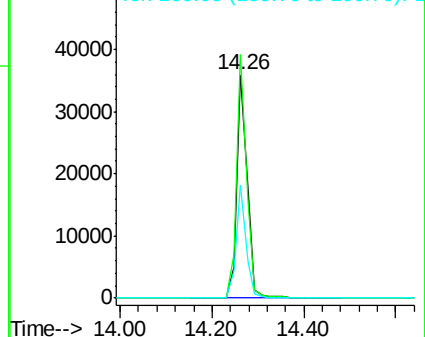
160 50.6 44.6 67.0

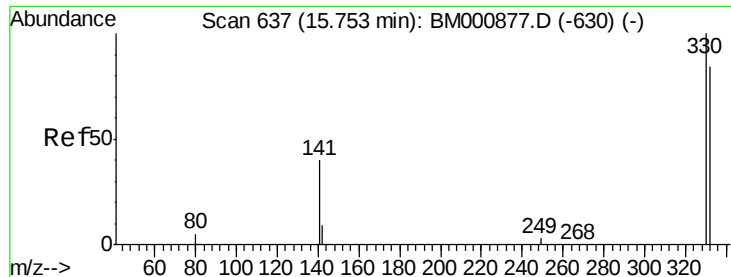


Abundance Ion 164.00 (163.70 to 164.70): BM000891.D (-542) (-)

Ion 162.00 (161.70 to 162.70): BM000891.D (-542) (-)

Ion 160.00 (159.70 to 160.70): BM000891.D (-542) (-)

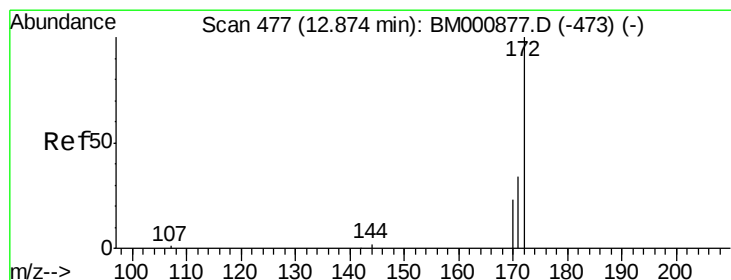
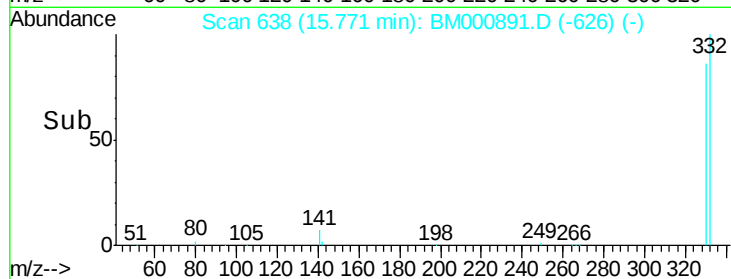
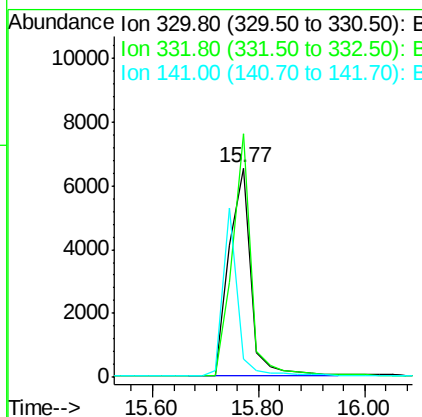
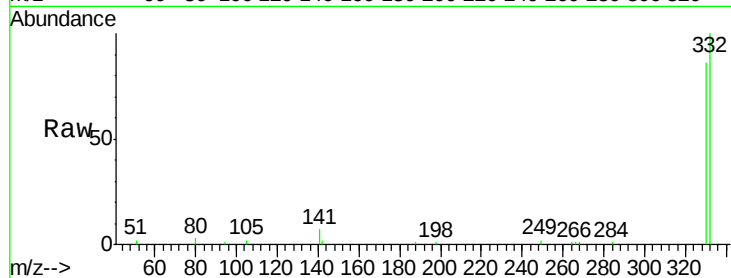




#20
 2,4,6-Tribromophenol
 Concen: 7.94 ng
 RT: 15.77 min Scan# 638
 Delta R.T. 0.02 min
 Lab File: BM000891.D
 Acq: 07 Apr 2015 22:59

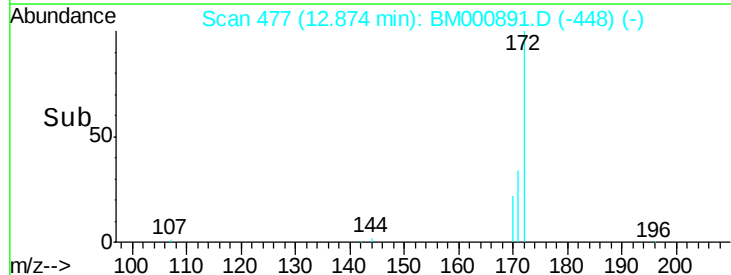
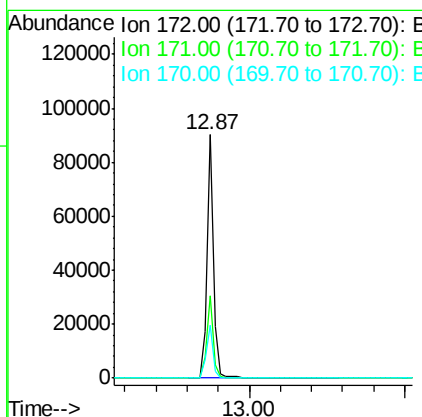
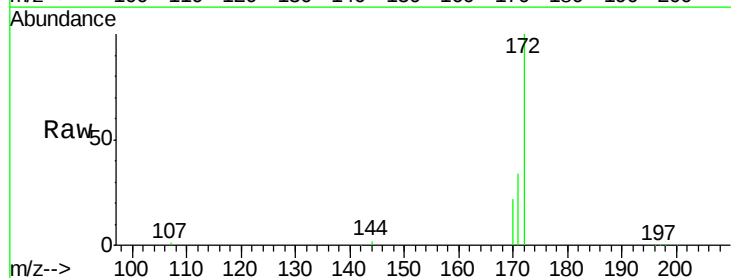
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 BNA_M
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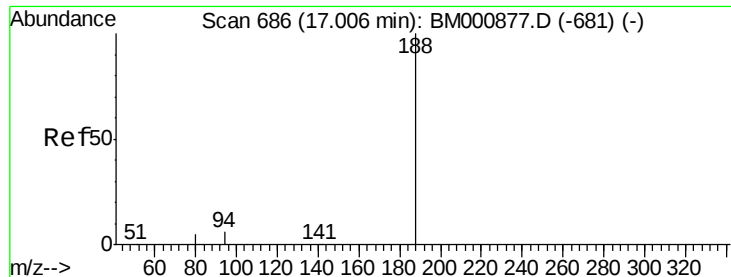
Tot Ion:330 Resp: 18573
 Ion Ratio Lower Upper
 330 100
 332 99.5 72.6 109.0
 141 0.0 29.8 44.6#



#23
 2-Fluorobiphenyl
 Concen: 7.77 ng
 RT: 12.87 min Scan# 477
 Delta R.T. 0.00 min
 Lab File: BM000891.D
 Acq: 07 Apr 2015 22:59

Tgt Ion:172 Resp: 134685
 Ion Ratio Lower Upper
 172 100
 171 33.6 27.8 41.8
 170 21.6 19.0 28.6

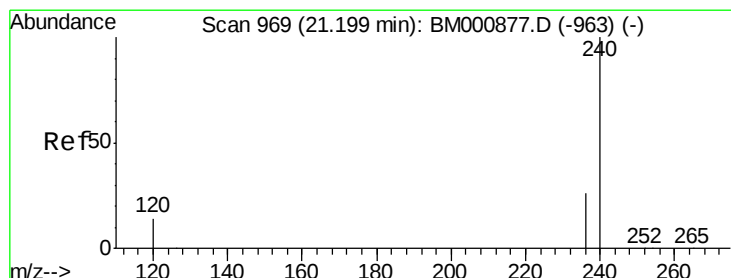
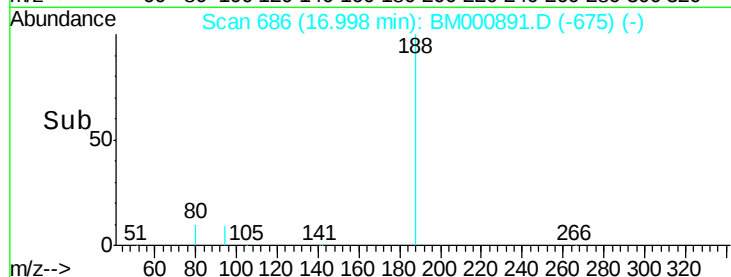
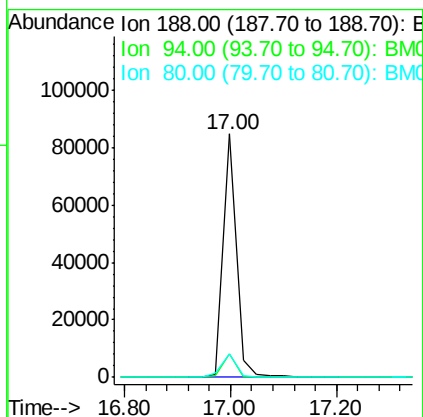
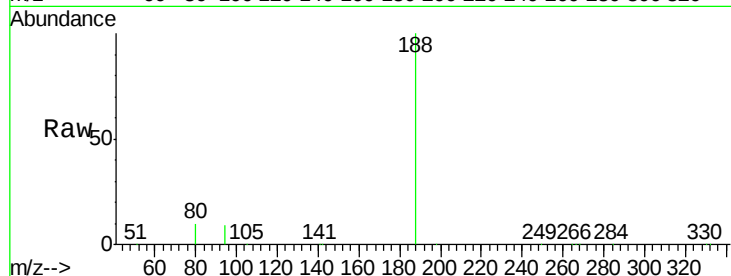




#26
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.00 min Scan# 686
Delta R.T. -0.01 min
Lab File: BM000891.D
Acq: 07 Apr 2015 22:59

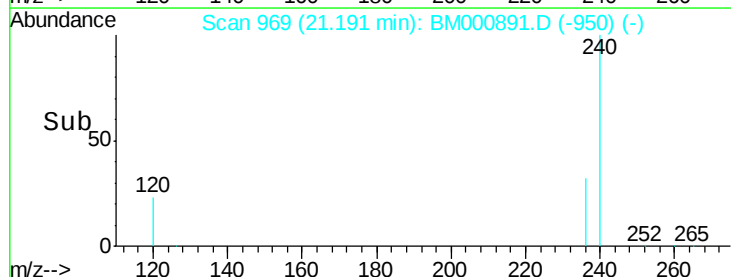
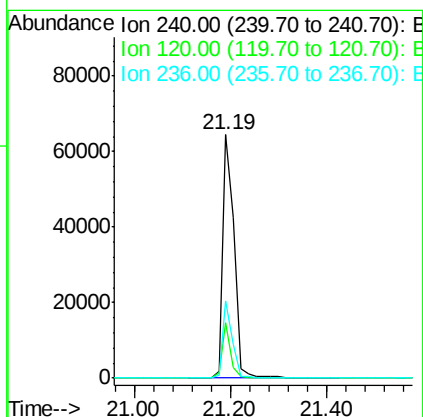
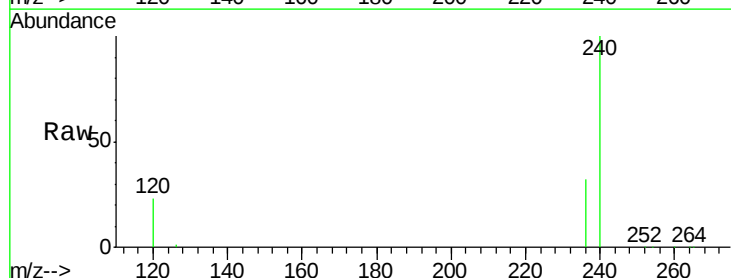
Instrument :
BNA_M
ClientSampleId :
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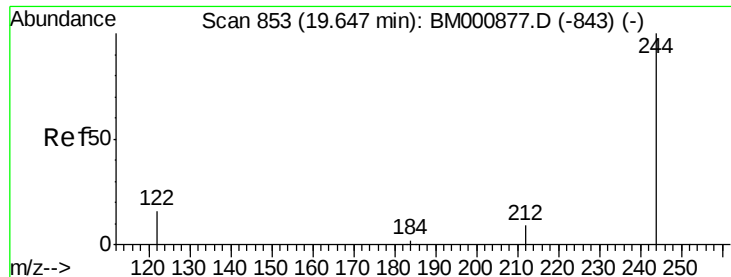
Tot Ion:188 Resp: 144626
Ion Ratio Lower Upper
188 100
94 9.5 4.9 7.3#
80 9.6 4.4 6.6#



#30
Chrysene-d12
Concen: 5.00 ng
RT: 21.19 min Scan# 969
Delta R.T. -0.01 min
Lab File: BM000891.D
Acq: 07 Apr 2015 22:59

Tgt Ion:240 Resp: 106483
Ion Ratio Lower Upper
240 100
120 22.8 11.1 16.7#
236 31.9 20.9 31.3#





#32

Terphenyl-d14

Concen: 9.79 ng

RT: 19.65 min Scan# 854

Delta R.T. 0.00 min

Lab File: BM000891.D

Acq: 07 Apr 2015 22:59

Instrument :

BNA_M

ClientSampleId :

PB82421BL

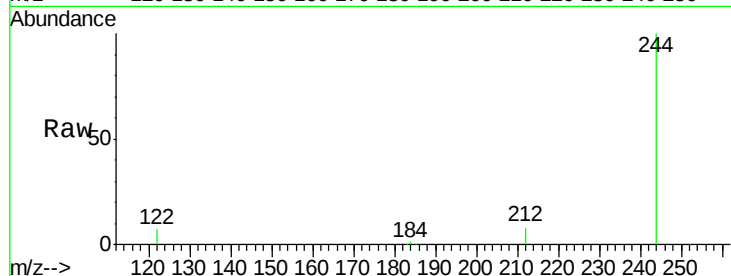
Tot Ion:244 Resp: 128557

Ion Ratio Lower Upper

244 100

212 8.1 8.1 12.1

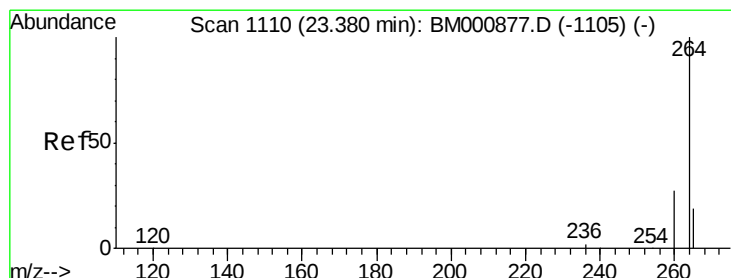
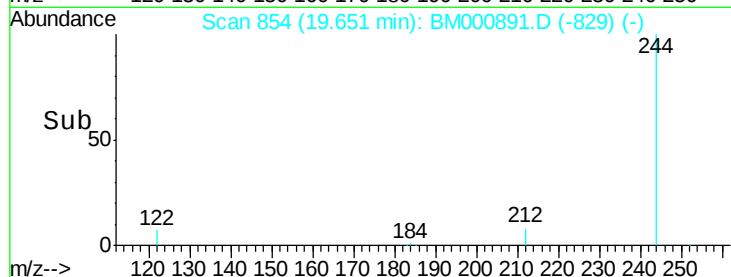
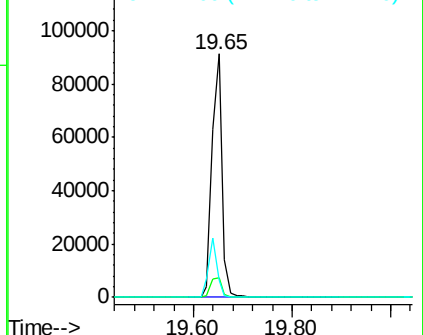
122 6.9 13.6 20.4#



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



#34

Perylene-d12

Concen: 5.00 ng

RT: 23.39 min Scan# 1111

Delta R.T. 0.01 min

Lab File: BM000891.D

Acq: 07 Apr 2015 22:59

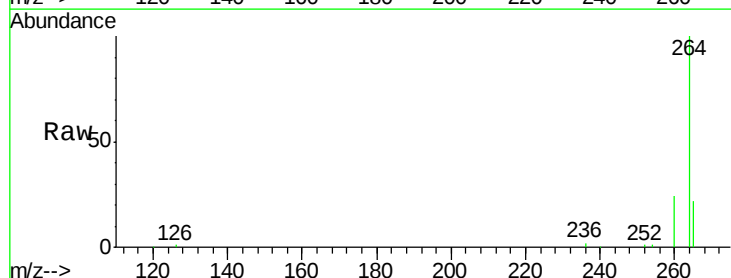
Tgt Ion:264 Resp: 97356

Ion Ratio Lower Upper

264 100

260 24.2 21.6 32.4

265 21.9 16.1 24.1



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

