

Data Path : S:\HPCHEM1\BNA_M\DATA\BM041015\
 Data File : BM000940.D
 Acq On : 10 Apr 2015 15:38
 Operator : TP/IZ
 Sample : PB82531BL
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB82531BL

Quant Time: Apr 10 23:32:27 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SIM-BM040915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 10 23:03:27 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	26212	5.00	ng	0.00
8) Naphthalene-d8	10.38	136	96419	5.00	ng	0.00
17) Acenaphthene-d10	14.26	164	50069	5.00	ng	0.00
24) Phenanthrene-d10	17.00	188	103201	5.00	ng	0.00
30) Chrysene-d12	21.21	240	82348	5.00	ng	0.00
38) Perylene-d12	23.39	264	74081	5.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.19	112	63936	11.52	ng	0.00
5) Phenol-d6	6.78	99	78272	11.79	ng	0.00
9) Nitrobenzene-d5	8.76	82	39804	8.55	ng	0.00
18) 2,4,6-Tribromophenol	15.76	330	18547	8.92	ng	0.00
19) 2-Fluorobiphenyl	12.88	172	121833	8.69	ng	0.00
33) Terphenyl-d14	19.65	244	110210	10.99	ng	0.00

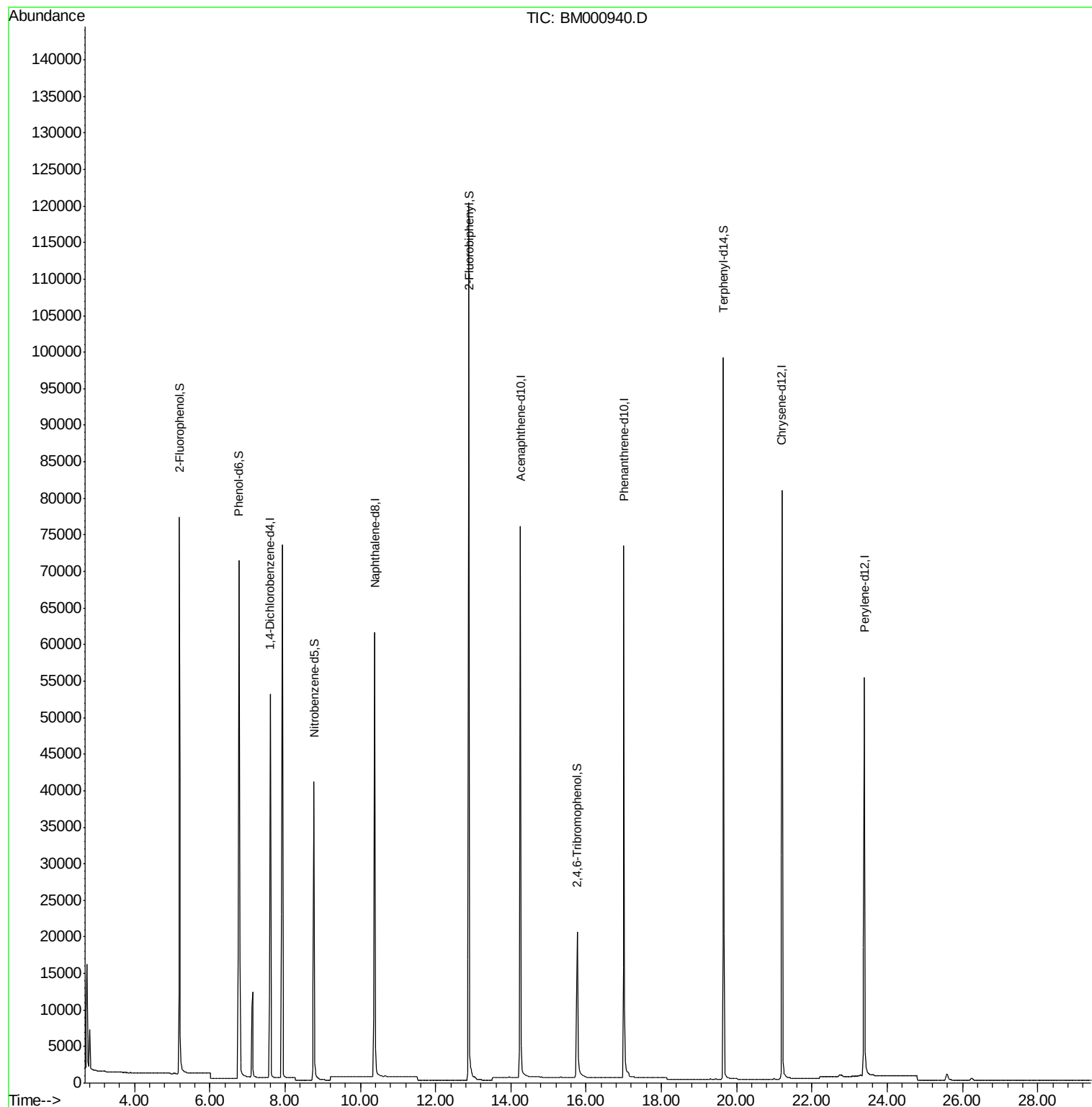
Target Compounds	Qvalue
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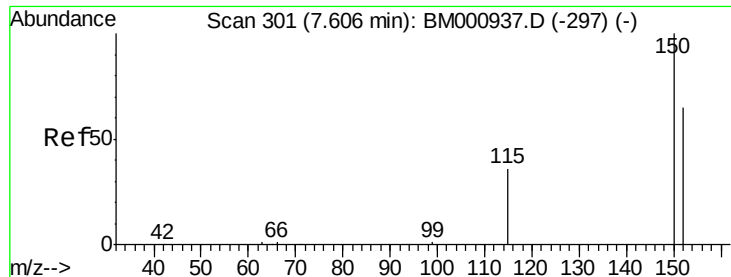
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Apr 10 23:03:27 2015
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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.61 min Scan# 301

Delta R.T. -0.00 min

Lab File: BM000940.D

Acq: 10 Apr 2015 15:38

Instrument :

BNA_M

ClientSampleId :

PB82531BL

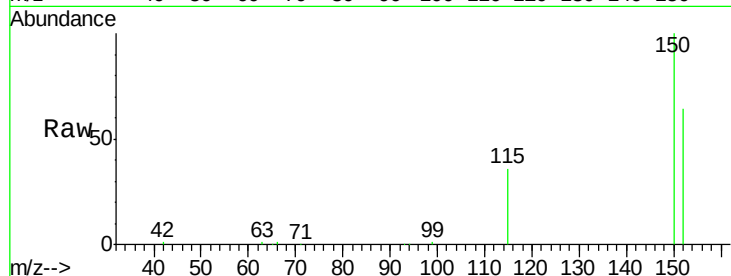
Tgt Ion:152 Resp: 26212

Ion Ratio Lower Upper

152 100

150 155.5 125.4 188.2

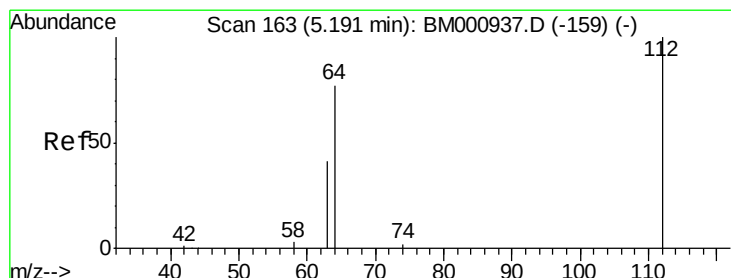
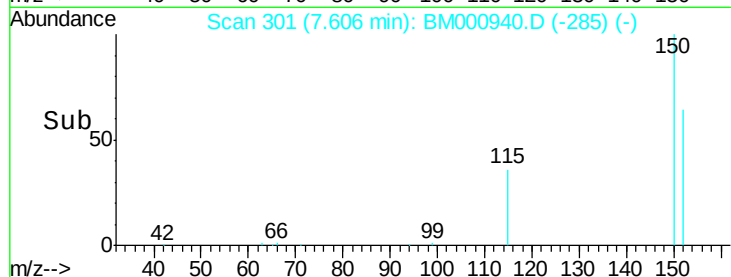
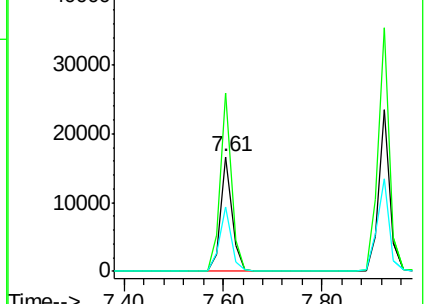
115 56.7 45.9 68.9



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: 11.52 ng

RT: 5.19 min Scan# 163

Delta R.T. -0.00 min

Lab File: BM000940.D

Acq: 10 Apr 2015 15:38

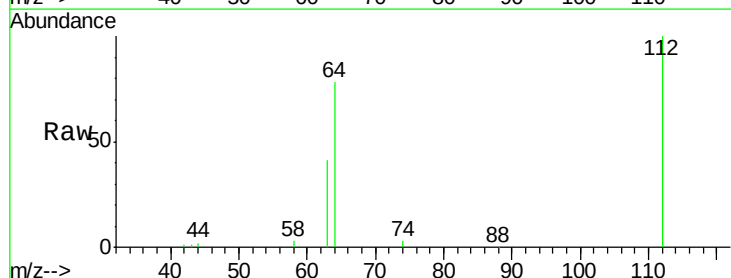
Tgt Ion:112 Resp: 63936

Ion Ratio Lower Upper

112 100

64 77.6 31.8 47.8#

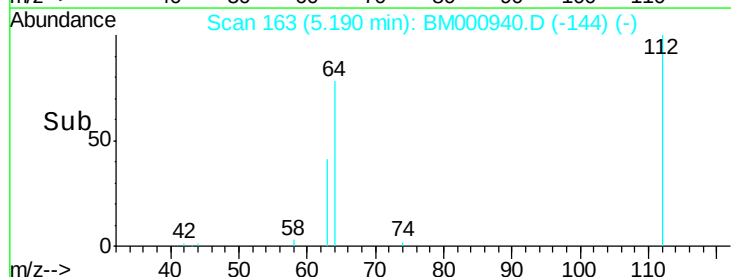
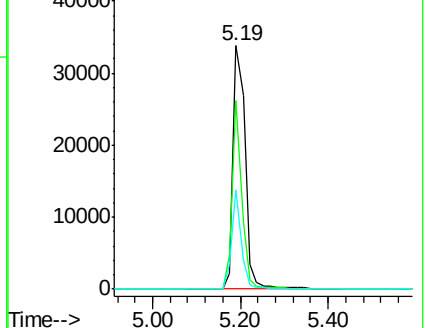
63 40.8 14.5 21.7#

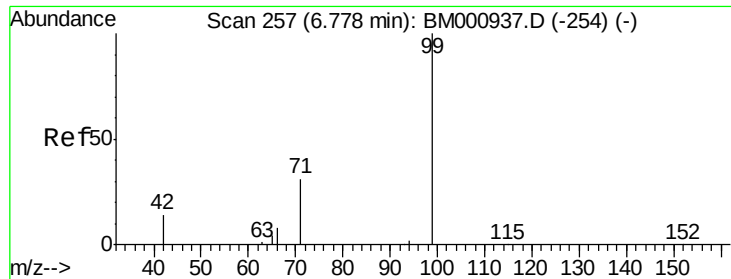


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0





#5

Phenol-d6

Concen: 11.79 ng

RT: 6.78 min Scan# 257

Delta R.T. -0.00 min

Lab File: BM000940.D

Acq: 10 Apr 2015 15:38

Instrument :

BNA_M

ClientSampleId :

PB82531BL

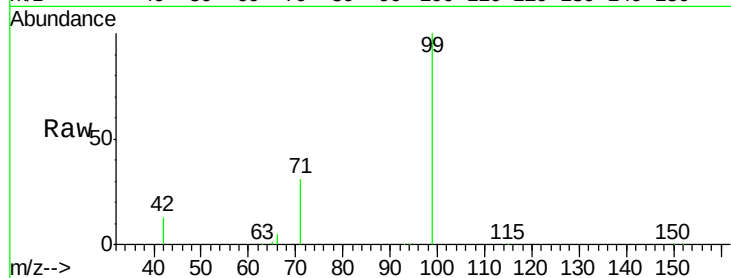
Tgt Ion: 99 Resp: 78272

Ion Ratio Lower Upper

99 100

42 12.9 14.1 21.1#

71 31.2 28.0 42.0



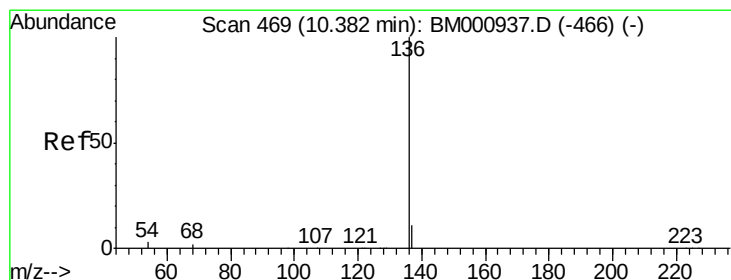
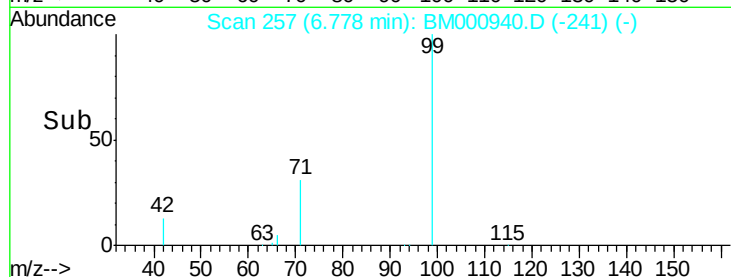
Abundance Ion 99.00 (98.70 to 99.70): BM000940.D (-254) (-)

Ion 42.00 (41.70 to 42.70): BM000940.D (-254) (-)

Ion 71.00 (70.70 to 71.70): BM000940.D (-254) (-)

6.78

Time-->



#8

Naphthalene-d8

Concen: 5.00 ng

RT: 10.38 min Scan# 469

Delta R.T. -0.00 min

Lab File: BM000940.D

Acq: 10 Apr 2015 15:38

Tgt Ion: 136 Resp: 96419

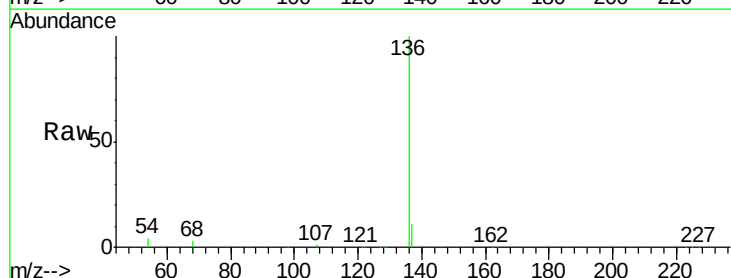
Ion Ratio Lower Upper

136 100

137 10.9 8.6 13.0

54 3.9 2.9 4.3

68 2.9 2.2 3.2



Abundance Ion 136.00 (135.70 to 136.70): BM000940.D (-466) (-)

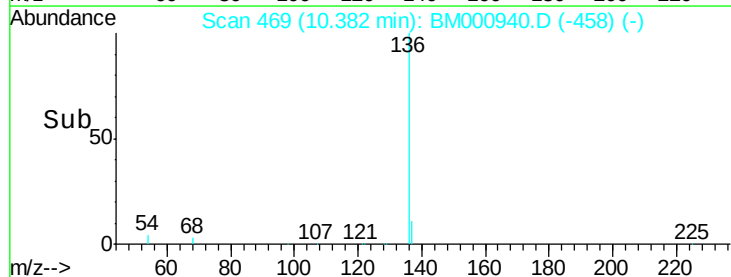
Ion 137.00 (136.70 to 137.70): BM000940.D (-466) (-)

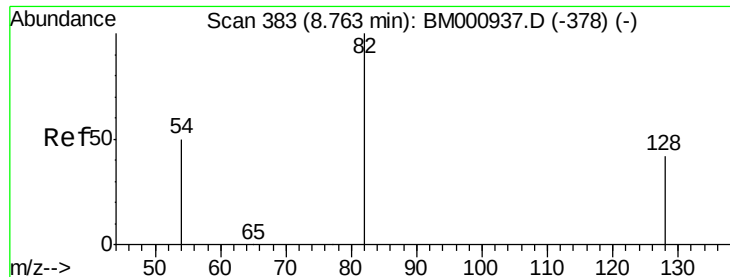
Ion 54.00 (53.70 to 54.70): BM000940.D (-466) (-)

Ion 68.00 (67.70 to 68.70): BM000940.D (-466) (-)

10.38

Time-->





#9

Nitrobenzene-d5

Concen: 8.55 ng

RT: 8.76 min Scan# 383

Delta R.T. -0.00 min

Lab File: BM000940.D

Acq: 10 Apr 2015 15:38

Instrument :

BNA_M

ClientSampled :

PB82531BL

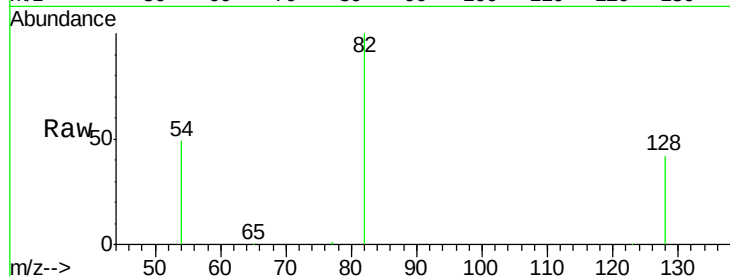
Tgt Ion: 82 Resp: 39804

Ion Ratio Lower Upper

82 100

128 42.3 33.4 50.0

54 49.2 40.5 60.7

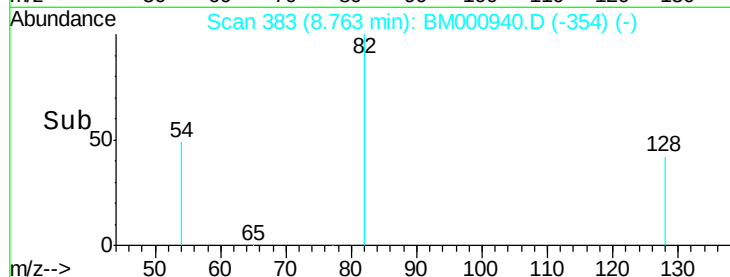


Abundance Ion 82.00 (81.70 to 82.70): BM000937.D (-378) (-)

Ion 128.00 (127.70 to 128.70): BM000937.D (-378) (-)

Ion 54.00 (53.70 to 54.70): BM000937.D (-378) (-)

Time-->

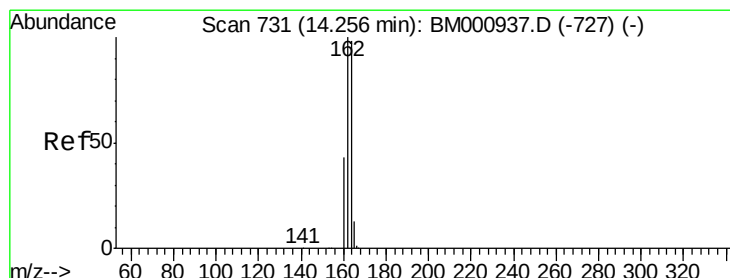


Abundance Ion 82.00 (81.70 to 82.70): BM000940.D (-354) (-)

Ion 128.00 (127.70 to 128.70): BM000940.D (-354) (-)

Ion 54.00 (53.70 to 54.70): BM000940.D (-354) (-)

Time-->



#17

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.26 min Scan# 731

Delta R.T. -0.00 min

Lab File: BM000940.D

Acq: 10 Apr 2015 15:38

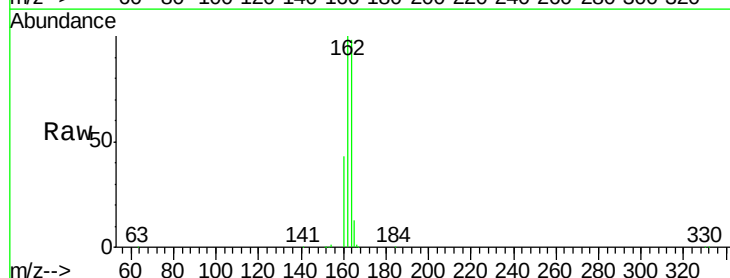
Tgt Ion: 164 Resp: 50069

Ion Ratio Lower Upper

164 100

162 101.7 96.1 144.1

160 43.8 48.2 72.2#

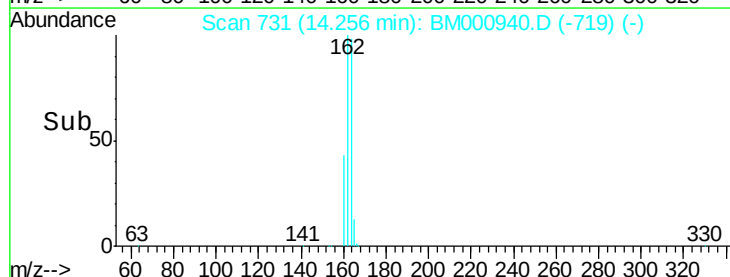


Abundance Ion 164.00 (163.70 to 164.70): BM000937.D (-727) (-)

Ion 162.00 (161.70 to 162.70): BM000937.D (-727) (-)

Ion 160.00 (159.70 to 160.70): BM000937.D (-727) (-)

Time-->

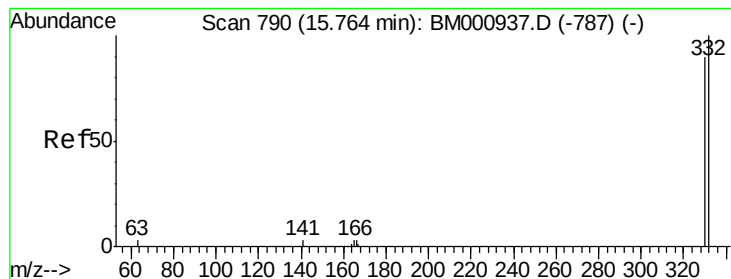


Abundance Ion 164.00 (163.70 to 164.70): BM000940.D (-719) (-)

Ion 162.00 (161.70 to 162.70): BM000940.D (-719) (-)

Ion 160.00 (159.70 to 160.70): BM000940.D (-719) (-)

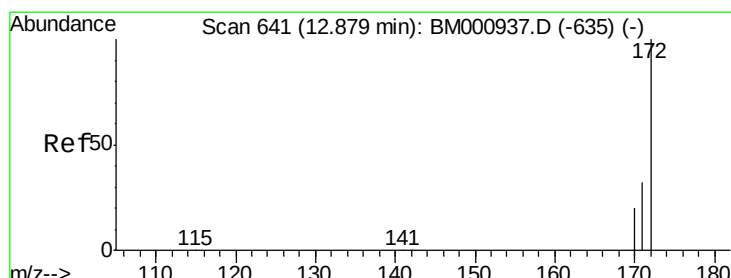
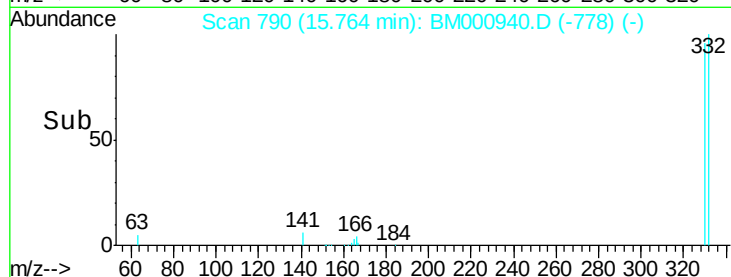
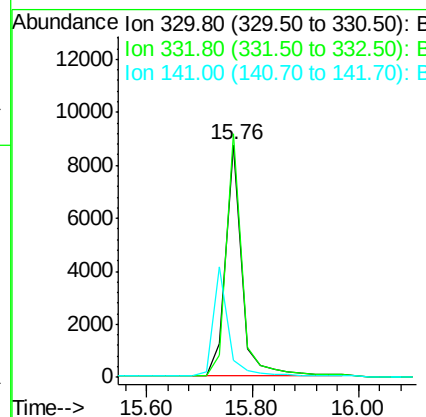
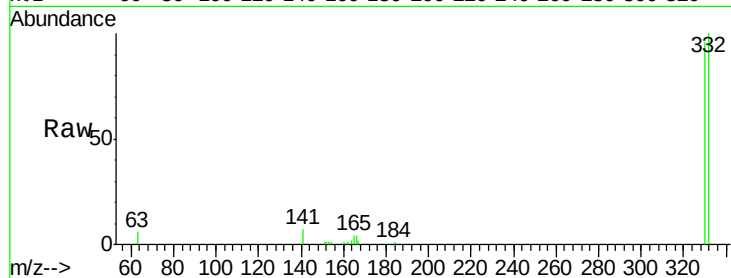
Time-->



#18
 2,4,6-Tribromophenol
 Concen: 8.92 ng
 RT: 15.76 min Scan# 790
 Delta R.T. -0.00 min
 Lab File: BM000940.D
 Acq: 10 Apr 2015 15:38

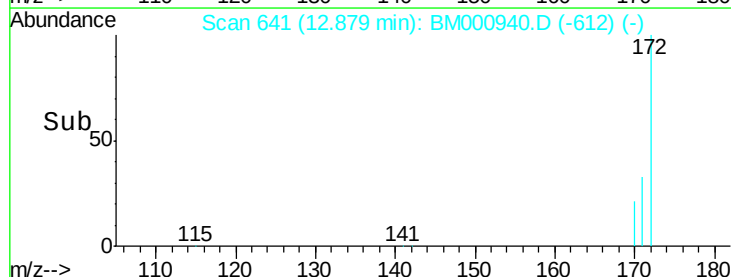
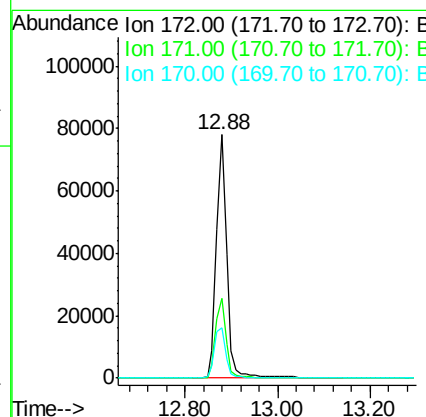
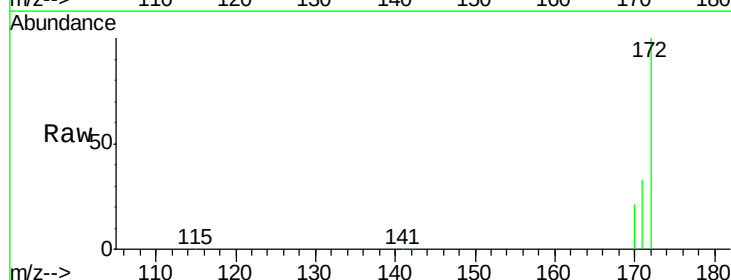
Instrument :
 BNA_M
 ClientSampleId :
 PB82531BL

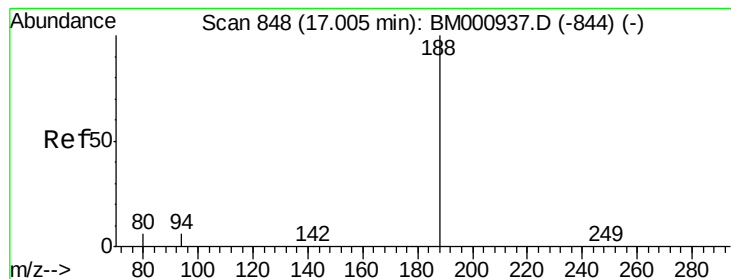
Tgt Ion:330 Resp: 18547
 Ion Ratio Lower Upper
 330 100
 332 100.5 75.4 113.2
 141 0.0 0.0 0.0



#19
 2-Fluorobiphenyl
 Concen: 8.69 ng
 RT: 12.88 min Scan# 641
 Delta R.T. -0.00 min
 Lab File: BM000940.D
 Acq: 10 Apr 2015 15:38

Tgt Ion:172 Resp: 121833
 Ion Ratio Lower Upper
 172 100
 171 33.0 26.7 40.1
 170 20.7 17.0 25.4





#24

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.00 min Scan# 848

Delta R.T. -0.00 min

Lab File: BM000940.D

Acq: 10 Apr 2015 15:38

Instrument :

BNA_M

ClientSampleId :

PB82531BL

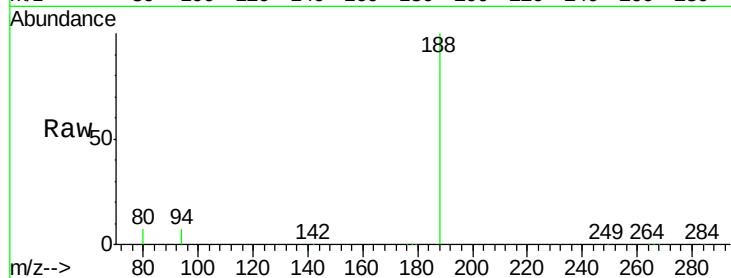
Tgt Ion:188 Resp: 103201

Ion Ratio Lower Upper

188 100

94 7.3 12.2 18.4#

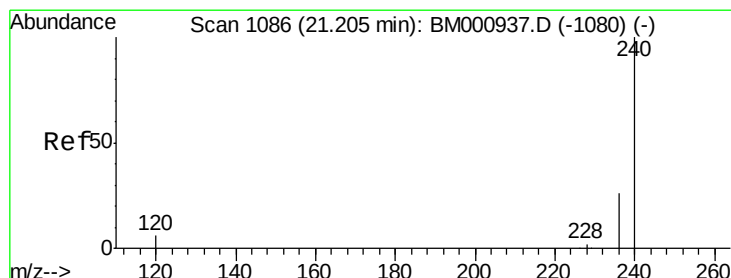
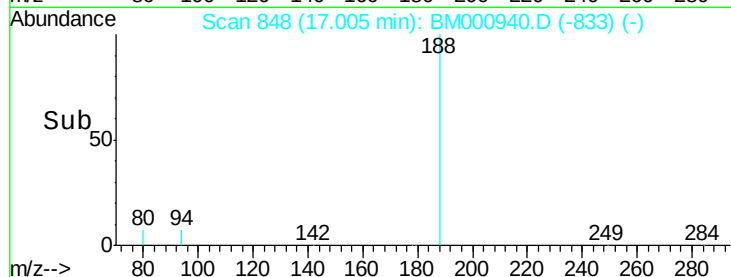
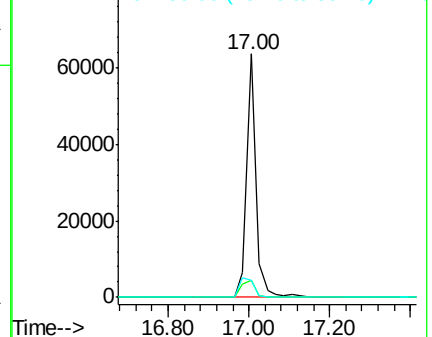
80 6.9 13.4 20.0#



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



#30

Chrysene-d12

Concen: 5.00 ng

RT: 21.21 min Scan# 1086

Delta R.T. -0.00 min

Lab File: BM000940.D

Acq: 10 Apr 2015 15:38

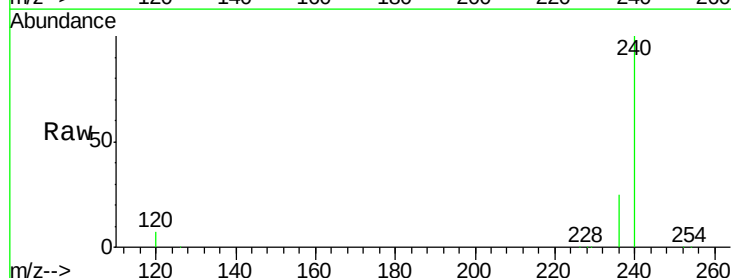
Tgt Ion:240 Resp: 82348

Ion Ratio Lower Upper

240 100

120 6.7 6.8 10.2#

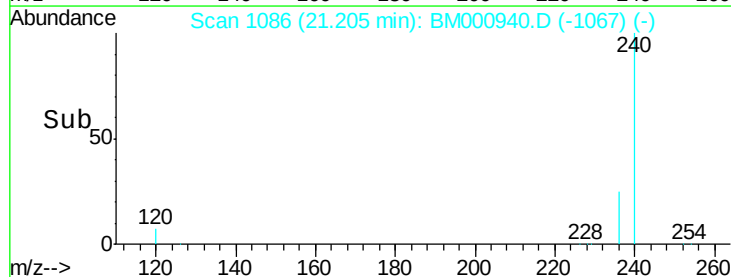
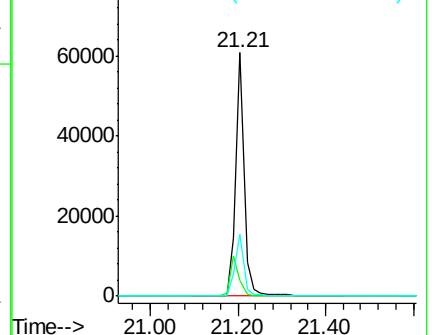
236 25.5 22.1 33.1

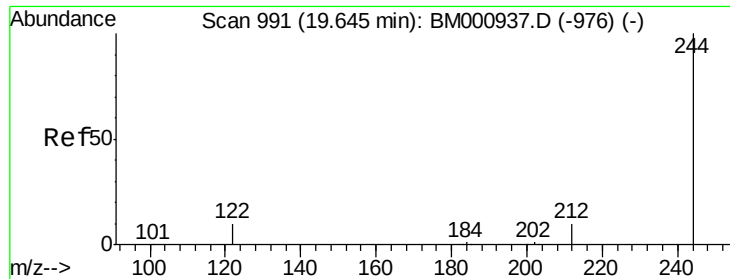


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

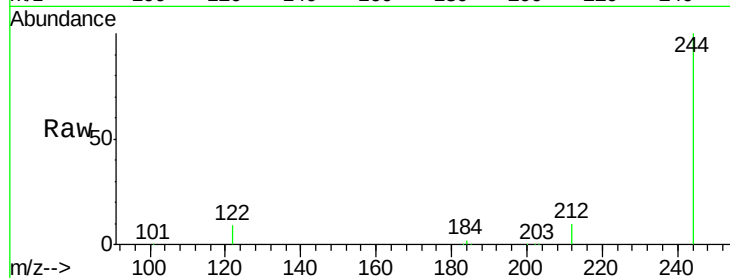




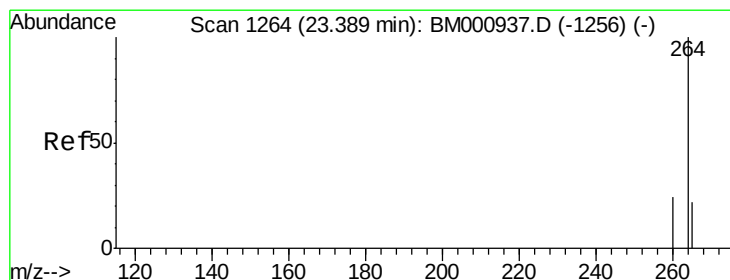
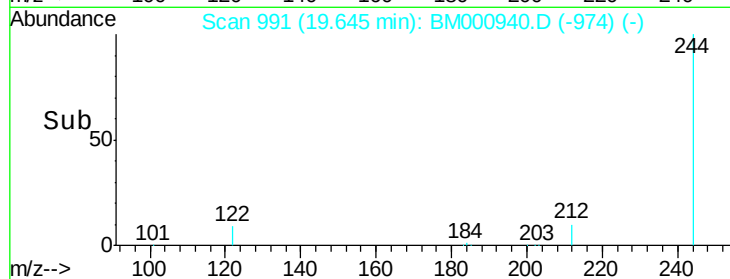
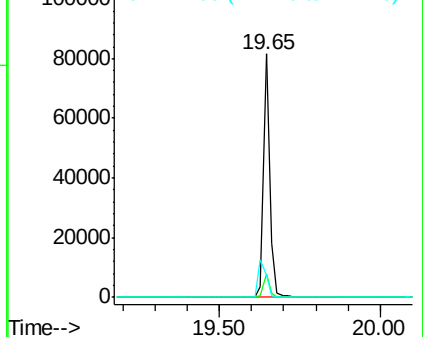
#33
 Terphenyl-d14
 Concen: 10.99 ng
 RT: 19.65 min Scan# 991
 Delta R.T. -0.00 min
 Lab File: BM000940.D
 Acq: 10 Apr 2015 15:38

Instrument :
 BNA_M
 ClientSampled :
 PB82531BL

Tgt Ion:244 Resp: 110210
 Ion Ratio Lower Upper
 244 100
 212 9.6 9.4 14.0
 122 9.0 20.9 31.3#

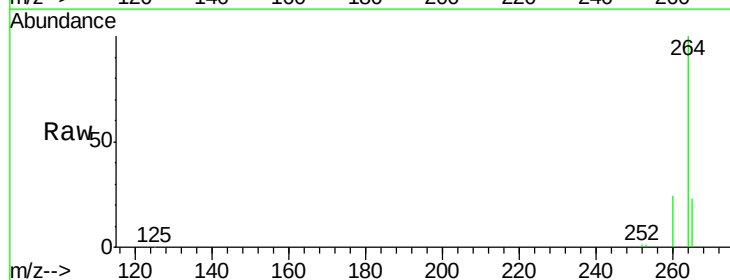


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#38
 Perylene-d12
 Concen: 5.00 ng
 RT: 23.39 min Scan# 1264
 Delta R.T. -0.00 min
 Lab File: BM000940.D
 Acq: 10 Apr 2015 15:38

Tgt Ion:264 Resp: 74081
 Ion Ratio Lower Upper
 264 100
 260 23.9 20.6 30.8
 265 22.5 16.4 24.6



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

