

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051815\
 Data File : BM001338.D
 Acq On : 18 May 2015 19:48
 Operator : TP/IZ
 Sample : G2280-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 051515-P17-F-D-B

Quant Time: May 19 03:28:27 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SIMPAH-BM051315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 19 02:11:49 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	13554	5.00	ng	0.00
6) Naphthalene-d8	10.22	136	49100	5.00	ng	0.00
12) Acenaphthene-d10	14.12	164	26047	5.00	ng	0.00
18) Phenanthrene-d10	16.85	188	75241	5.00	ng	0.00
24) Chrysene-d12	21.07	240	40632	5.00	ng	-0.01
30) Perylene-d12	23.18	264	36130	5.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.02	112	12496	4.73	ng	0.00
5) Phenol-d6	6.63	99	9277	3.11	ng	0.00
7) Nitrobenzene-d5	8.60	82	18863	6.07	ng	0.00
13) 2,4,6-Tribromophenol	15.63	330	7865	8.80	ng	0.00
14) 2-Fluorobiphenyl	12.73	172	60110	7.43	ng	0.00
26) Terphenyl-d14	19.51	244	58430	10.70	ng	0.00

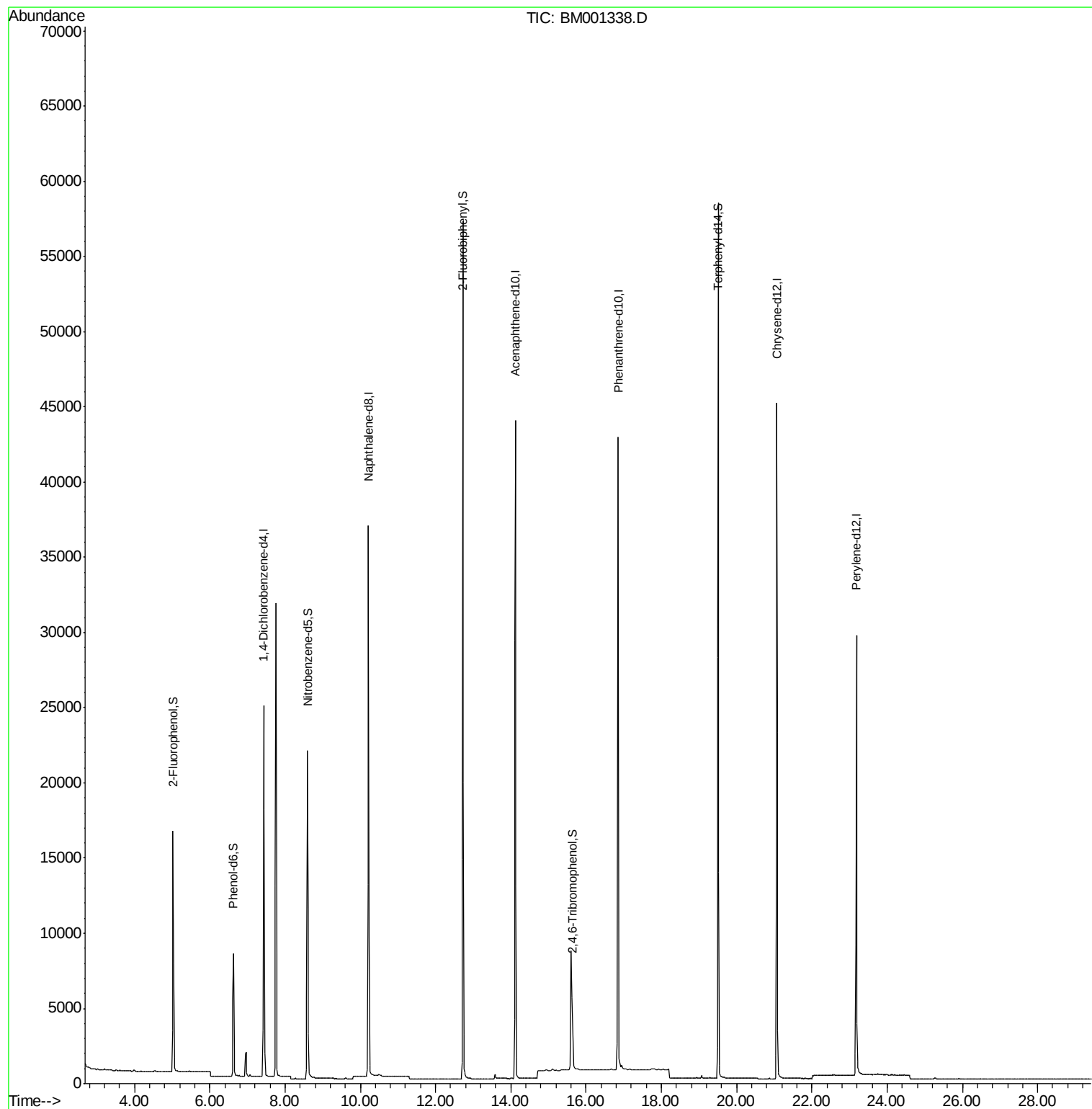
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.43 min Scan# 308

Delta R.T. -0.00 min

Lab File: BM001338.D

Acq: 18 May 2015 19:48

Instrument :

BNA_M

ClientSampleId :

051515-P17-F-D-B

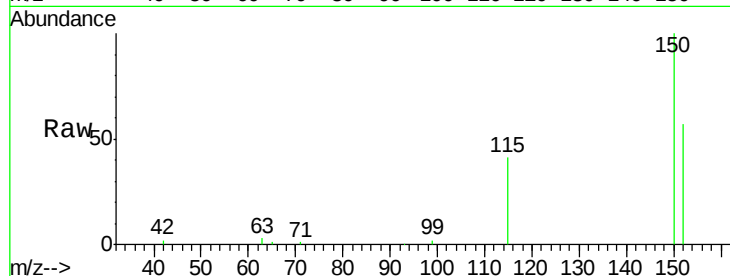
Tgt Ion:152 Resp: 13554

Ion Ratio Lower Upper

152 100

150 175.6 114.6 172.0#

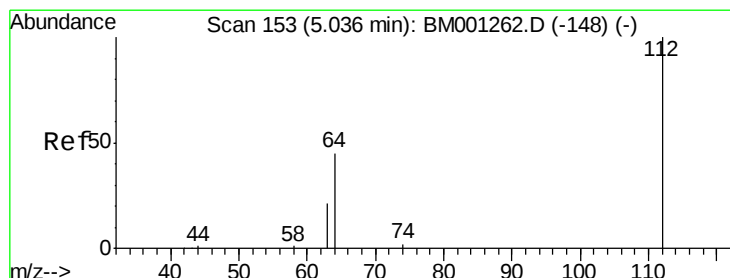
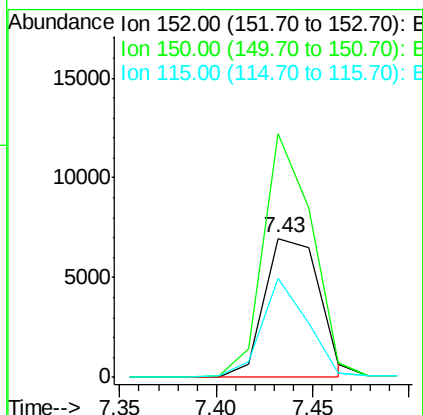
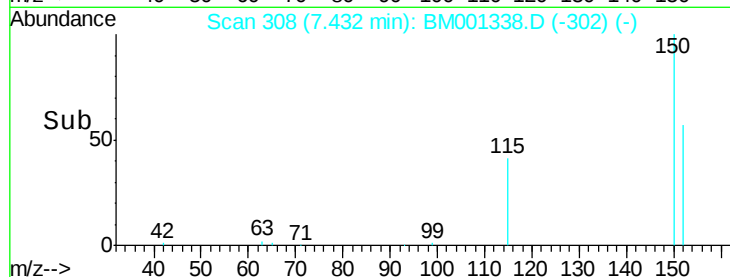
115 71.8 39.3 58.9#



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: 4.73 ng

RT: 5.02 min Scan# 152

Delta R.T. -0.00 min

Lab File: BM001338.D

Acq: 18 May 2015 19:48

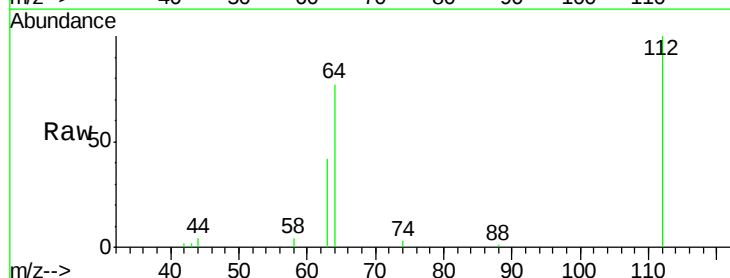
Tgt Ion:112 Resp: 12496

Ion Ratio Lower Upper

112 100

64 64.6 50.8 76.2

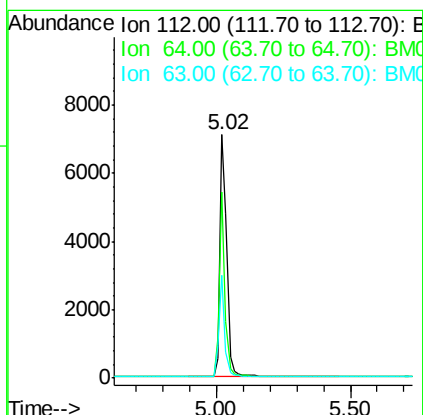
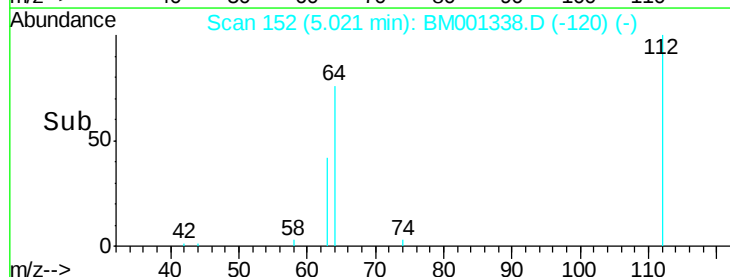
63 36.0 28.2 42.4

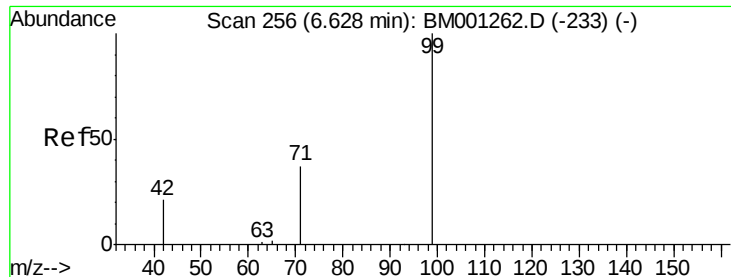


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0





#5

Phenol-d6

Concen: 3.11 ng

RT: 6.63 min Scan# 256

Delta R.T. -0.00 min

Lab File: BM001338.D

Acq: 18 May 2015 19:48

Instrument :

BNA_M

ClientSampleId :

051515-P17-F-D-B

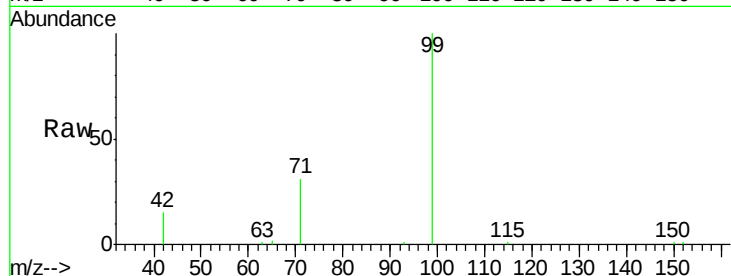
Tgt Ion: 99 Resp: 9277

Ion Ratio Lower Upper

99 100

42 26.2 19.9 29.9

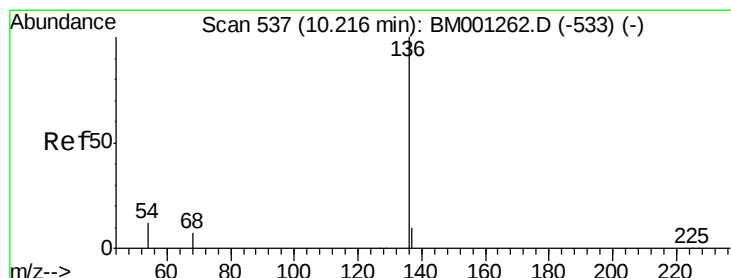
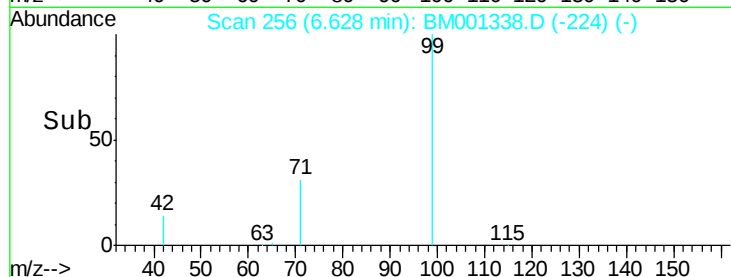
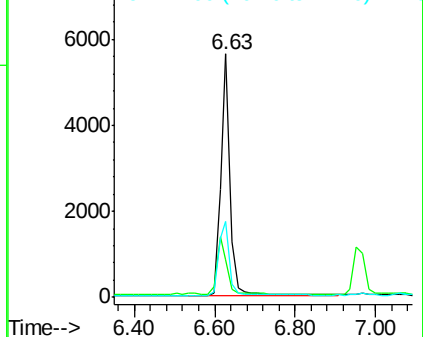
71 35.8 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BM001262.D (-233) (-)

Ion 42.00 (41.70 to 42.70): BM001262.D (-233) (-)

Ion 71.00 (70.70 to 71.70): BM001262.D (-233) (-)



#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.22 min Scan# 537

Delta R.T. -0.00 min

Lab File: BM001338.D

Acq: 18 May 2015 19:48

Tgt Ion: 136 Resp: 49100

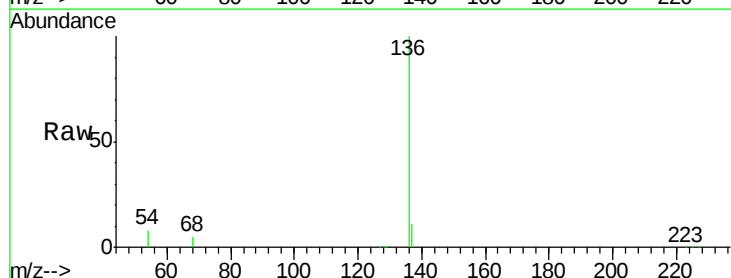
Ion Ratio Lower Upper

136 100

137 10.8 8.2 12.4

54 8.1 9.5 14.3#

68 5.0 5.5 8.3#

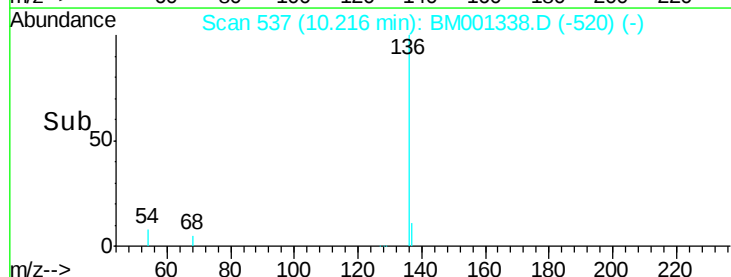
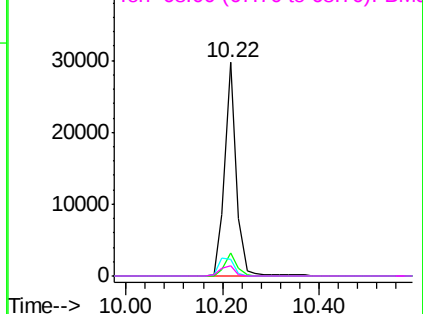


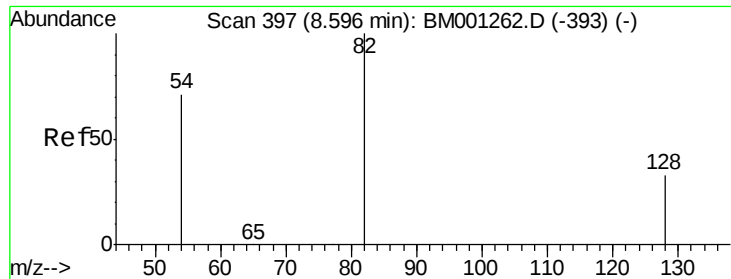
Abundance Ion 136.00 (135.70 to 136.70): BM001262.D (-533) (-)

Ion 137.00 (136.70 to 137.70): BM001262.D (-533) (-)

Ion 54.00 (53.70 to 54.70): BM001262.D (-533) (-)

Ion 68.00 (67.70 to 68.70): BM001262.D (-533) (-)





#7

Nitrobenzene-d5

Concen: 6.07 ng

RT: 8.60 min Scan# 397

Delta R.T. -0.00 min

Lab File: BM001338.D

Acq: 18 May 2015 19:48

Instrument :

BNA_M

ClientSampleId :

051515-P17-F-D-B

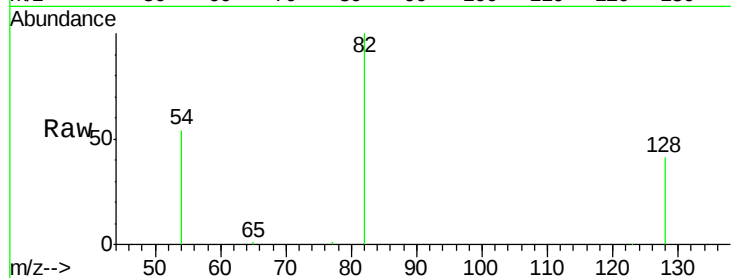
Tgt Ion: 82 Resp: 18863

Ion Ratio Lower Upper

82 100

128 41.2 28.0 42.0

54 54.0 57.3 85.9#



Abundance Ion 82.00 (81.70 to 82.70): BM001338.D (-369) (-)

Ion 128.00 (127.70 to 128.70): BM001338.D (-369) (-)

Ion 54.00 (53.70 to 54.70): BM001338.D (-369) (-)

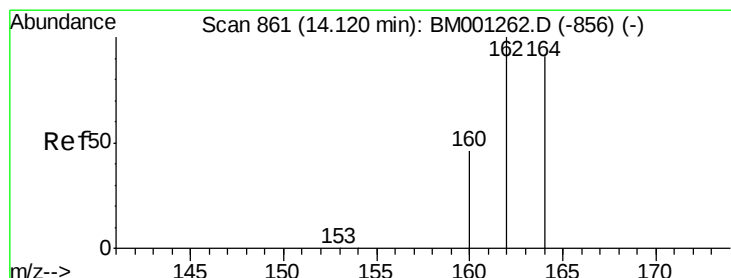
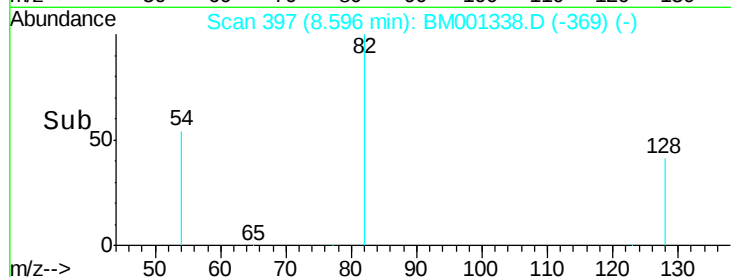
8.60

10000

5000

0

Time--> 8.40 8.50 8.60 8.70 8.80



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.12 min Scan# 861

Delta R.T. -0.00 min

Lab File: BM001338.D

Acq: 18 May 2015 19:48

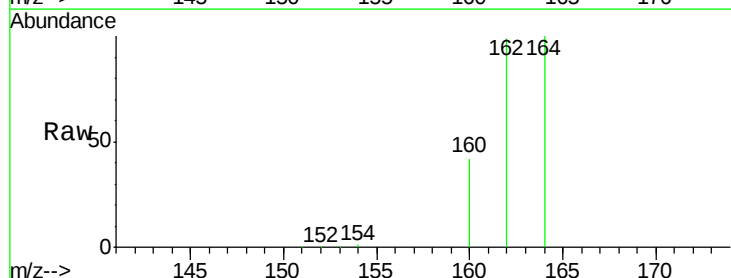
Tgt Ion: 164 Resp: 26047

Ion Ratio Lower Upper

164 100

162 98.8 87.9 131.9

160 42.1 40.9 61.3



Abundance Ion 164.00 (163.70 to 164.70): BM001338.D (-850) (-)

Ion 162.00 (161.70 to 162.70): BM001338.D (-850) (-)

Ion 160.00 (159.70 to 160.70): BM001338.D (-850) (-)

14.12

25000

20000

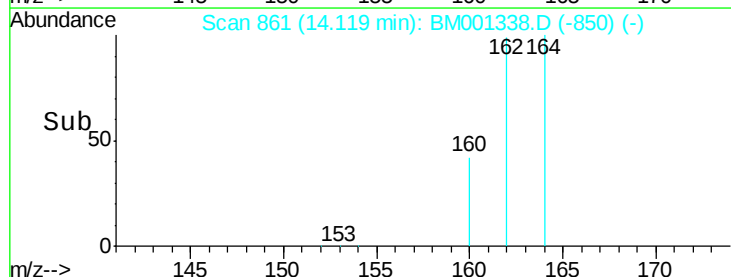
15000

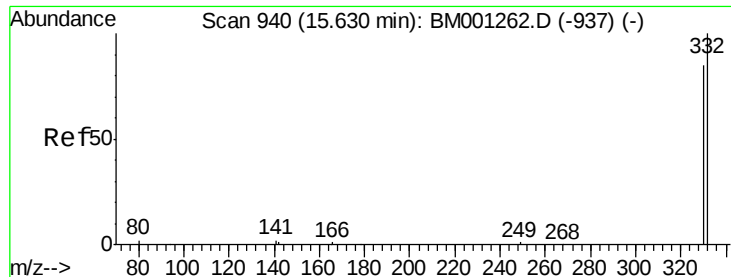
10000

5000

0

Time--> 14.00 14.20 14.40

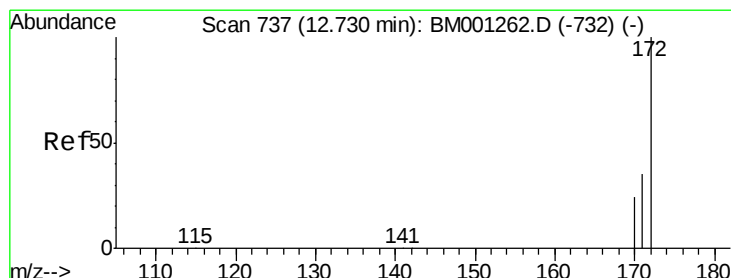
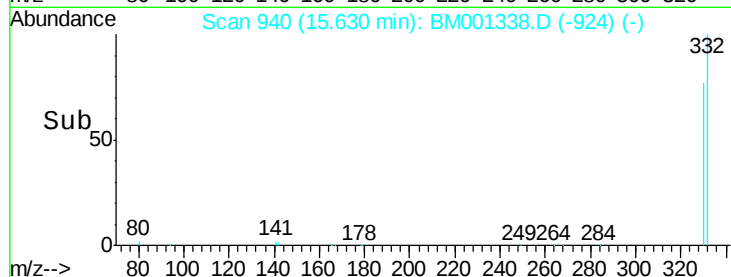
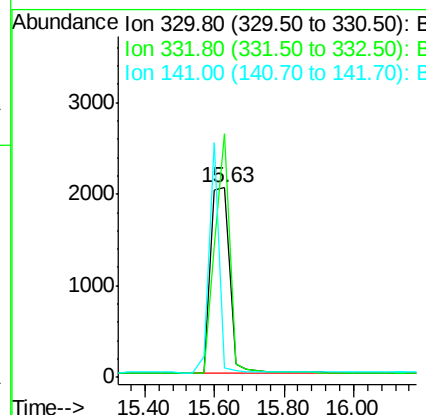
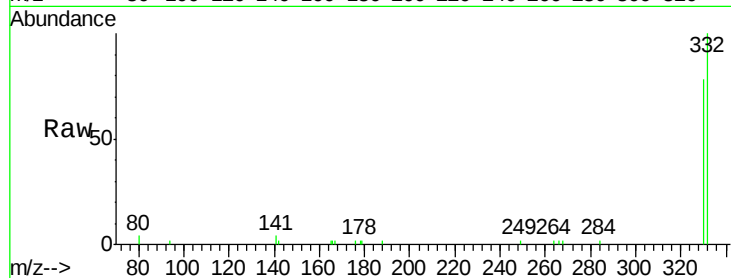




#13
 2,4,6-Tribromophenol
 Concen: 8.80 ng
 RT: 15.63 min Scan# 940
 Delta R.T. -0.00 min
 Lab File: BM001338.D
 Acq: 18 May 2015 19:48

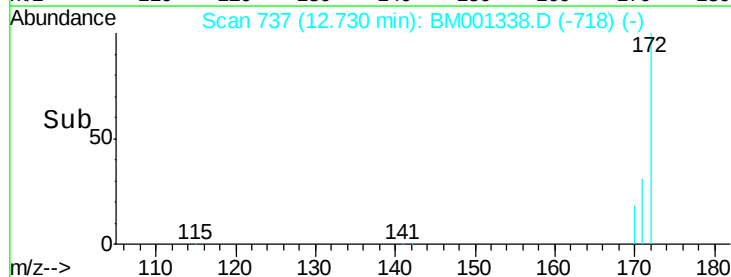
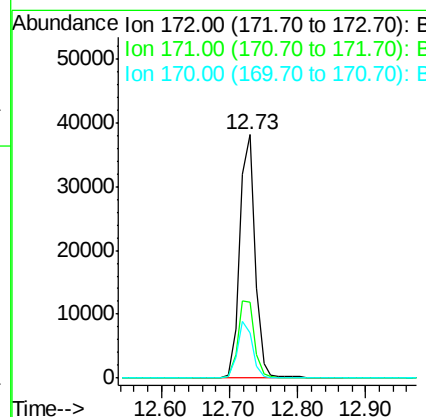
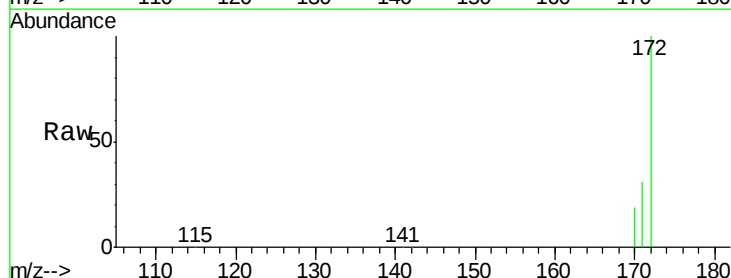
Instrument :
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 051515-P17-F-D-B

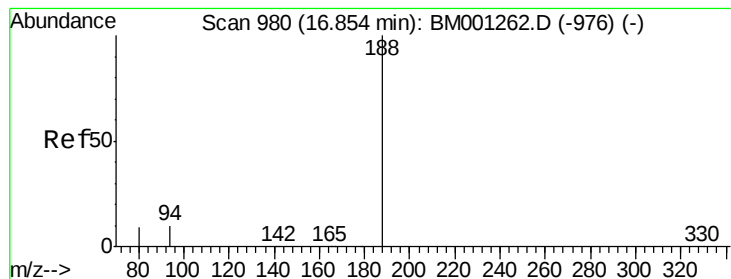
Tgt Ion:330 Resp: 7865
 Ion Ratio Lower Upper
 330 100
 332 99.5 89.0 133.4
 141 0.0 0.0 0.0



#14
 2-Fluorobiphenyl
 Concen: 7.43 ng
 RT: 12.73 min Scan# 737
 Delta R.T. -0.00 min
 Lab File: BM001338.D
 Acq: 18 May 2015 19:48

Tgt Ion:172 Resp: 60110
 Ion Ratio Lower Upper
 172 100
 171 31.0 28.7 43.1
 170 18.6 19.5 29.3#





#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 16.85 min Scan# 980

Delta R.T. -0.00 min

Lab File: BM001338.D

Acq: 18 May 2015 19:48

Instrument :

BNA_M

ClientSampleId :

051515-P17-F-D-B

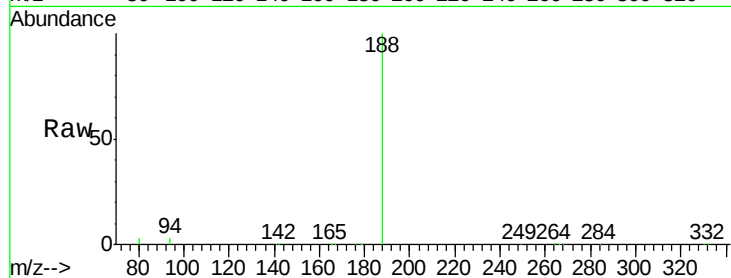
Tgt Ion:188 Resp: 75241

Ion Ratio Lower Upper

188 100

94 3.1 7.8 11.8#

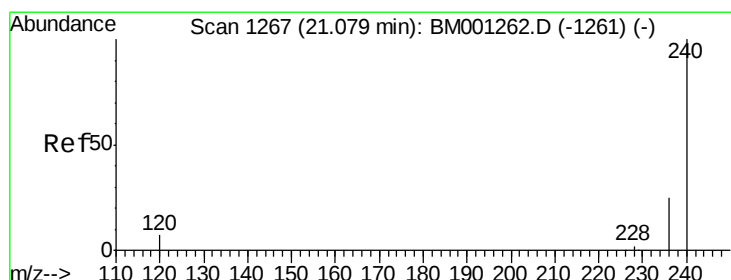
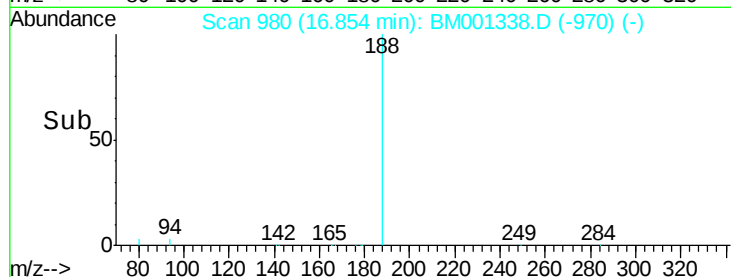
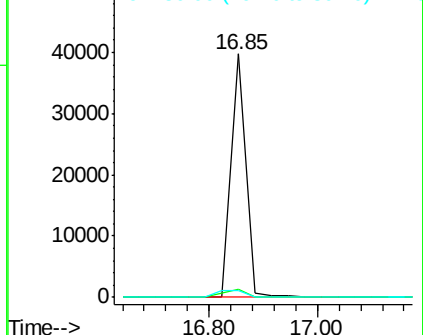
80 2.7 7.5 11.3#



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



#24

Chrysene-d12

Concen: 5.00 ng

RT: 21.07 min Scan# 1266

Delta R.T. -0.01 min

Lab File: BM001338.D

Acq: 18 May 2015 19:48

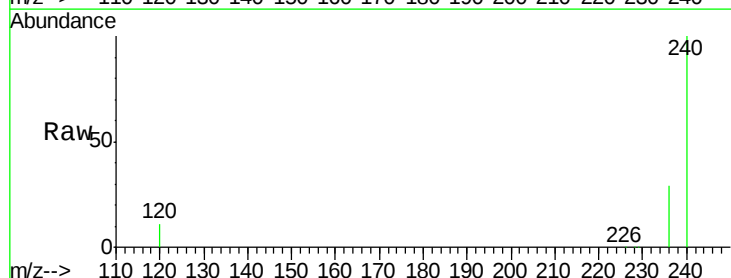
Tgt Ion:240 Resp: 40632

Ion Ratio Lower Upper

240 100

120 11.4 5.5 8.3#

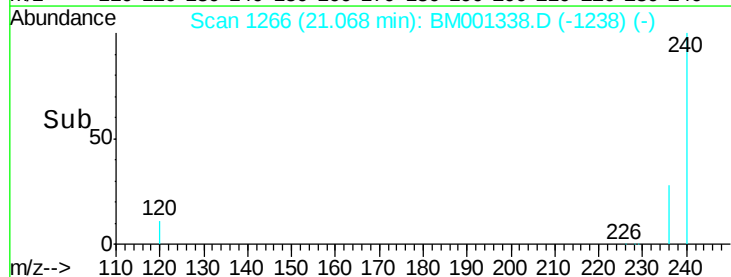
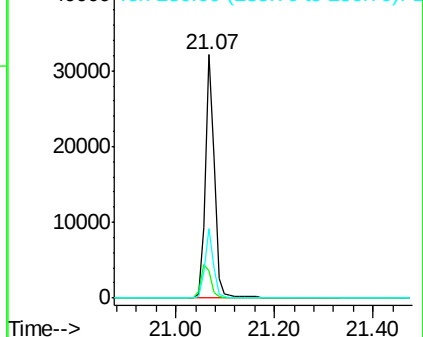
236 28.6 20.4 30.6

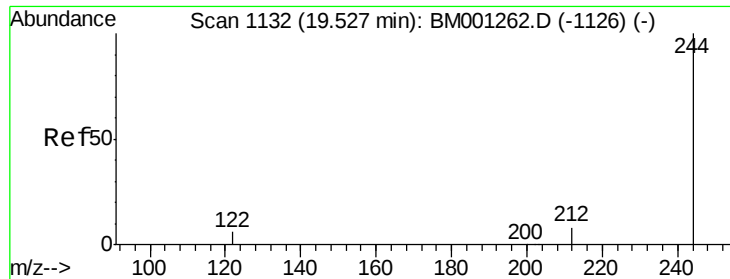


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

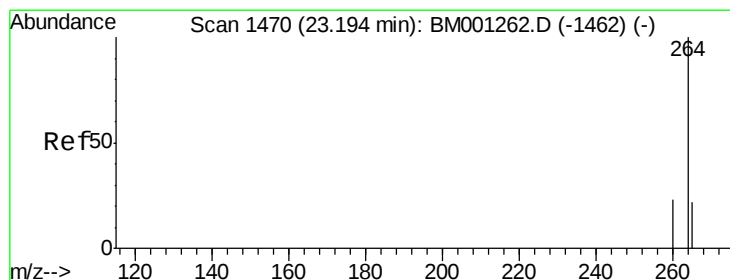
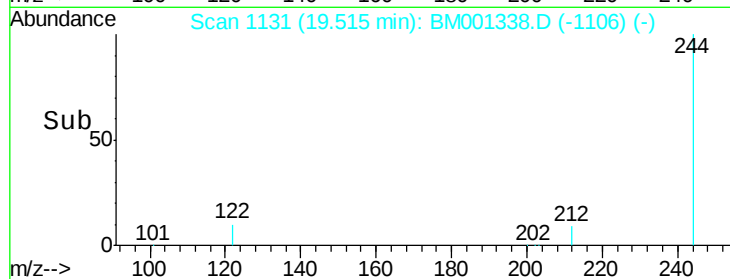
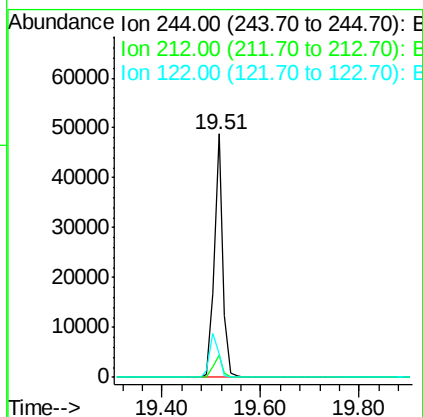
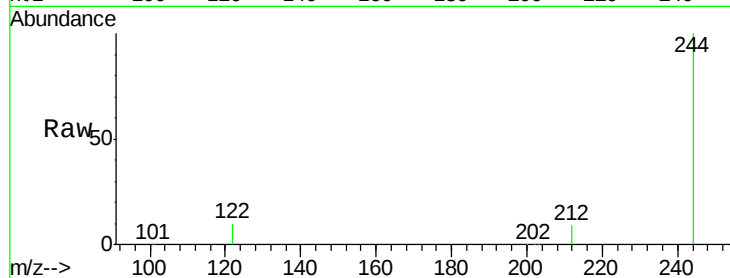




#26
 Terphenyl-d14
 Concen: 10.70 ng
 RT: 19.51 min Scan# 1131
 Delta R.T. -0.00 min
 Lab File: BM001338.D
 Acq: 18 May 2015 19:48

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Tgt Ion:244 Resp: 58430
 Ion Ratio Lower Upper
 244 100
 212 9.2 7.2 10.8
 122 9.8 5.6 8.4#



#30
 Perylene-d12
 Concen: 5.00 ng
 RT: 23.18 min Scan# 1469
 Delta R.T. -0.00 min
 Lab File: BM001338.D
 Acq: 18 May 2015 19:48

Tgt Ion:264 Resp: 36130
 Ion Ratio Lower Upper
 264 100
 260 24.1 18.9 28.3
 265 22.4 18.1 27.1

