

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051815\
 Data File : BM001337.D
 Acq On : 18 May 2015 19:12
 Operator : TP/IZ
 Sample : G2280-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 051515-P17-F-U-S

Quant Time: May 19 03:26:59 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	10757	5.00	ng	0.00
6) Naphthalene-d8	10.22	136	37483	5.00	ng	0.00
12) Acenaphthene-d10	14.12	164	19788	5.00	ng	0.00
18) Phenanthrene-d10	16.85	188	59086	5.00	ng	0.00
24) Chrysene-d12	21.07	240	37492	5.00	ng	-0.01
30) Perylene-d12	23.18	264	35612	5.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.02	112	9084	4.33	ng	0.00
5) Phenol-d6	6.63	99	6593	2.79	ng	0.00
7) Nitrobenzene-d5	8.60	82	14092	5.94	ng	0.00
13) 2,4,6-Tribromophenol	15.63	330	6163	9.08	ng	0.00
14) 2-Fluorobiphenyl	12.73	172	45280	7.37	ng	0.00
26) Terphenyl-d14	19.51	244	51177	10.16	ng	0.00

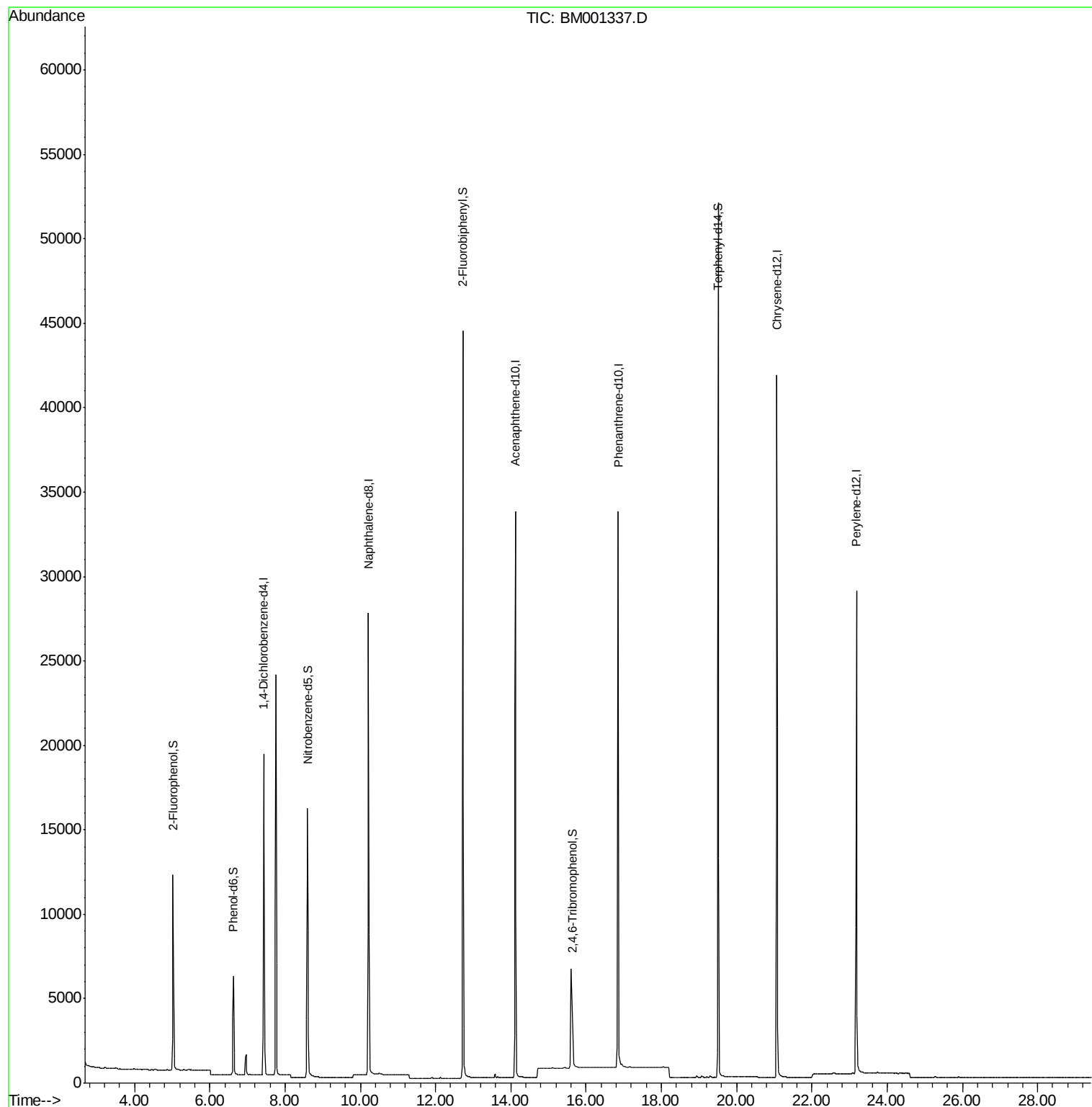
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BM001337.D

Acq: 18 May 2015 19:12

Instrument :

BNA_M

ClientSampleId :

051515-P17-F-U-S

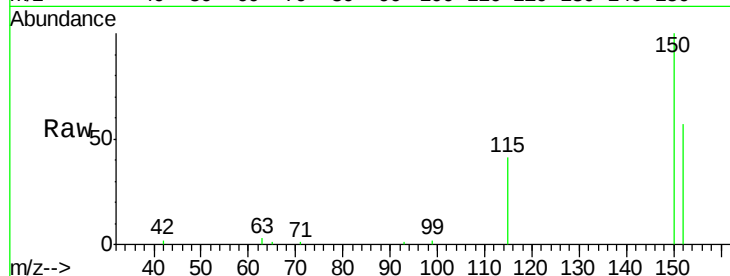
Tgt Ion:152 Resp: 10757

Ion Ratio Lower Upper

152 100

150 175.8 114.6 172.0#

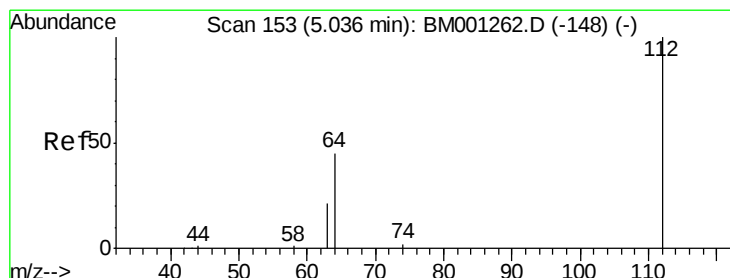
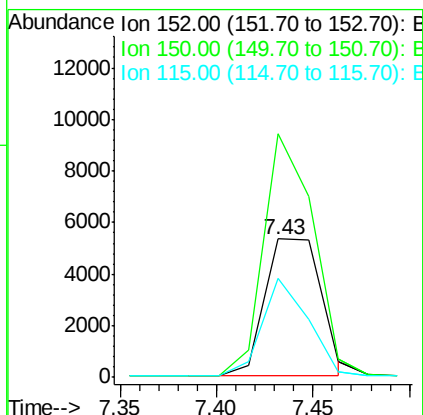
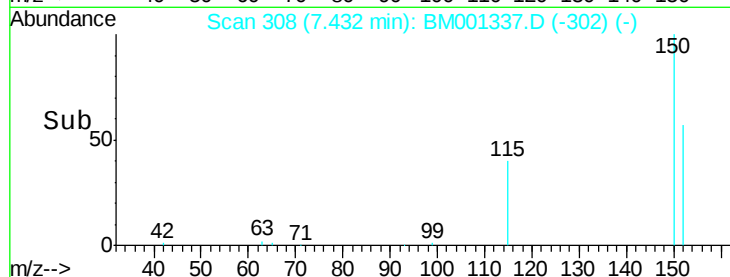
115 71.6 39.3 58.9#



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: 4.33 ng

RT: 5.02 min Scan# 152

Delta R.T. -0.00 min

Lab File: BM001337.D

Acq: 18 May 2015 19:12

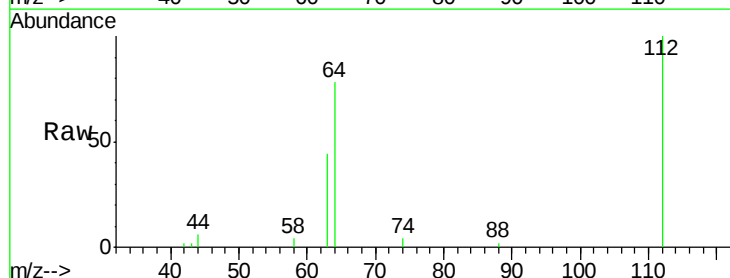
Tgt Ion:112 Resp: 9084

Ion Ratio Lower Upper

112 100

64 64.2 50.8 76.2

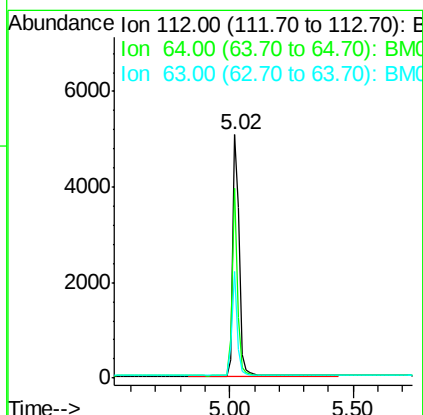
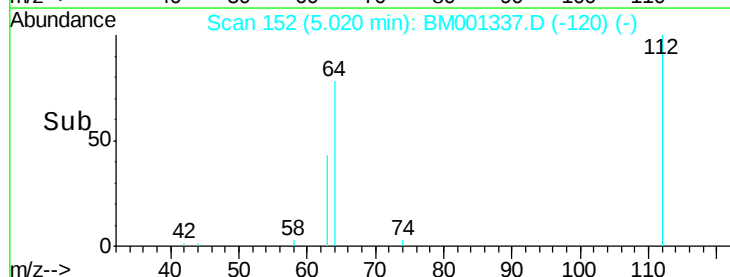
63 36.0 28.2 42.4

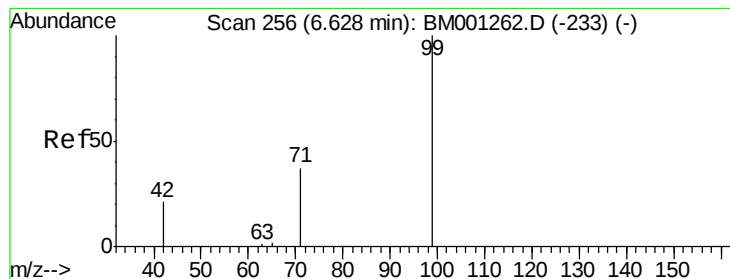


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0





#5

Phenol-d6

Concen: 2.79 ng

RT: 6.63 min Scan# 256

Delta R.T. -0.00 min

Lab File: BM001337.D

Acq: 18 May 2015 19:12

Instrument :

BNA_M

ClientSampleId :

051515-P17-F-U-S

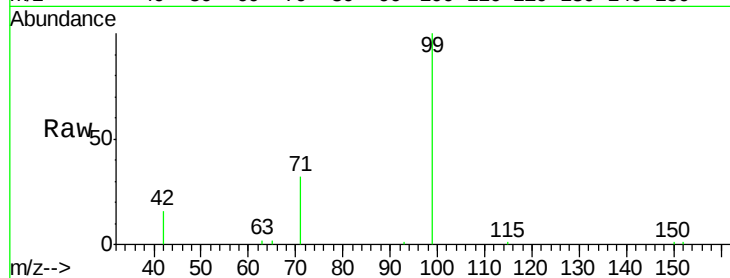
Tgt Ion: 99 Resp: 6593

Ion Ratio Lower Upper

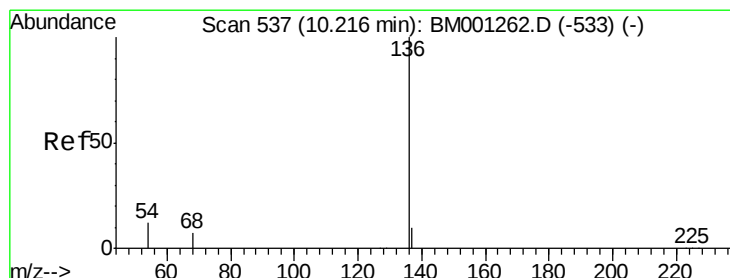
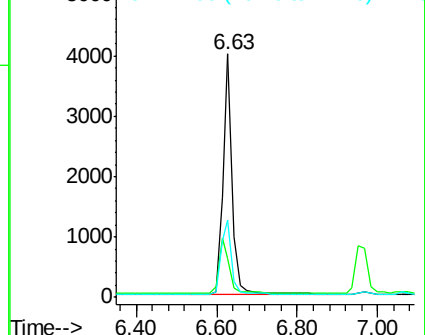
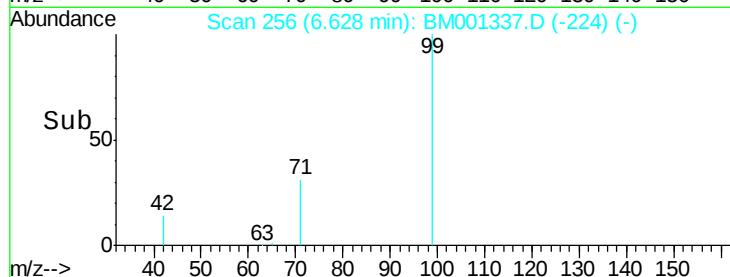
99 100

42 24.2 19.9 29.9

71 36.1 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BM001337.D (-224) (-)



#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.22 min Scan# 537

Delta R.T. -0.00 min

Lab File: BM001337.D

Acq: 18 May 2015 19:12

Tgt Ion: 136 Resp: 37483

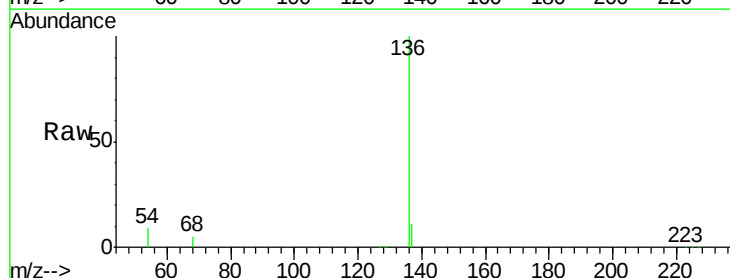
Ion Ratio Lower Upper

136 100

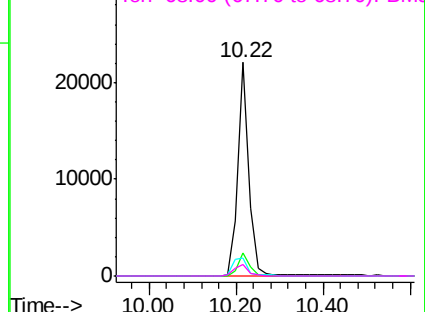
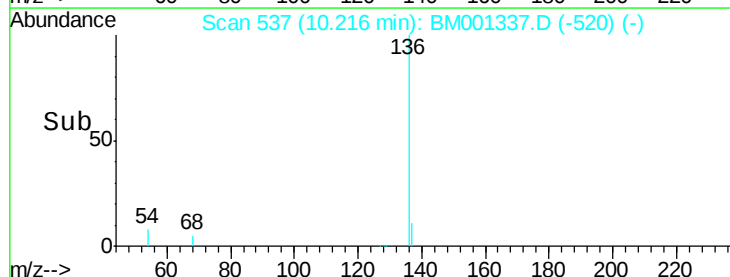
137 10.8 8.2 12.4

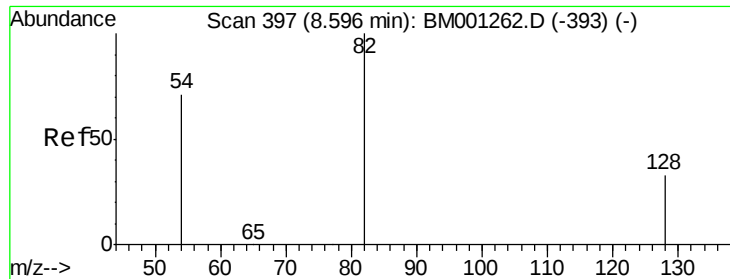
54 8.7 9.5 14.3#

68 5.2 5.5 8.3#



Abundance Ion 136.00 (135.70 to 136.70): BM001337.D (-520) (-)





#7

Nitrobenzene-d5

Concen: 5.94 ng

RT: 8.60 min Scan# 397

Delta R.T. -0.00 min

Lab File: BM001337.D

Acq: 18 May 2015 19:12

Instrument :

BNA_M

ClientSampleId :

051515-P17-F-U-S

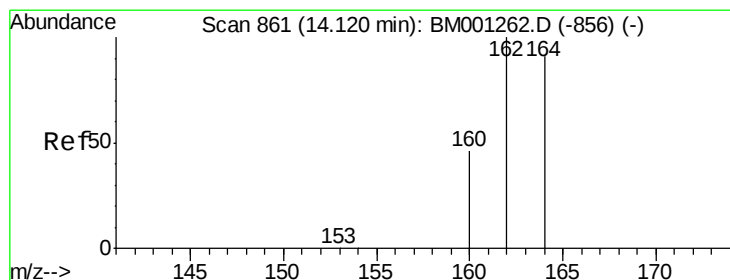
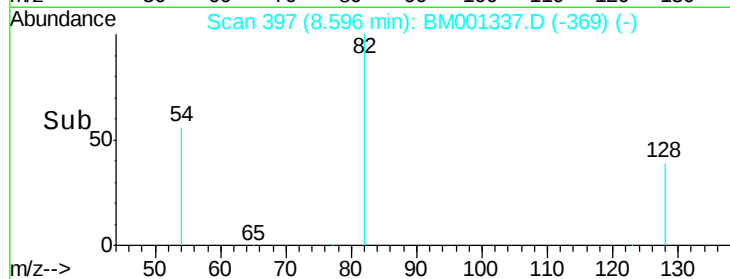
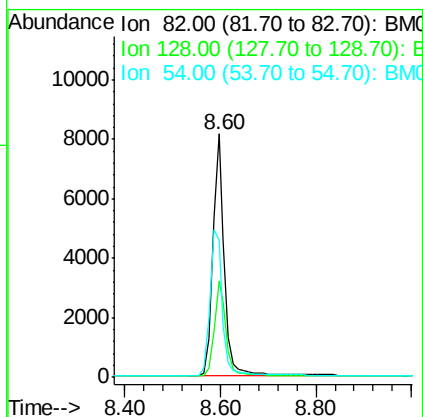
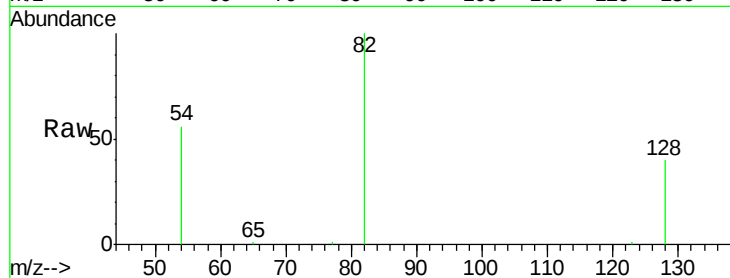
Tgt Ion: 82 Resp: 14092

Ion Ratio Lower Upper

82 100

128 39.7 28.0 42.0

54 56.4 57.3 85.9#



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.12 min Scan# 861

Delta R.T. -0.00 min

Lab File: BM001337.D

Acq: 18 May 2015 19:12

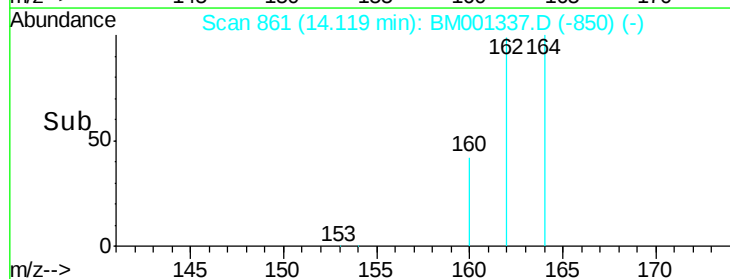
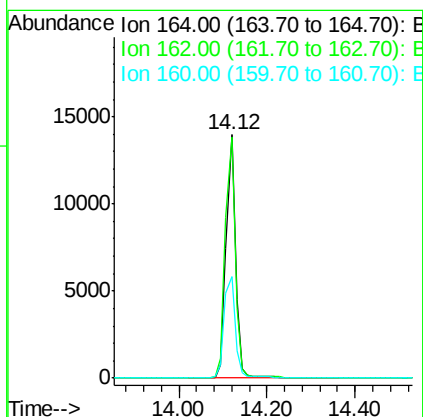
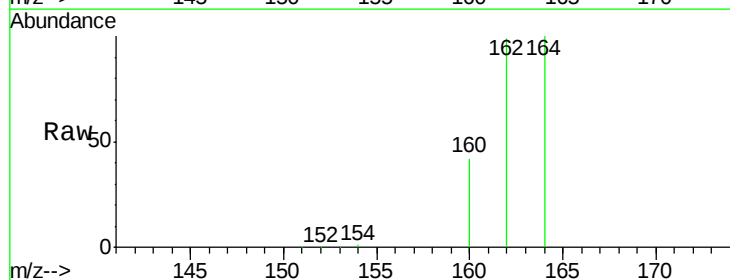
Tgt Ion: 164 Resp: 19788

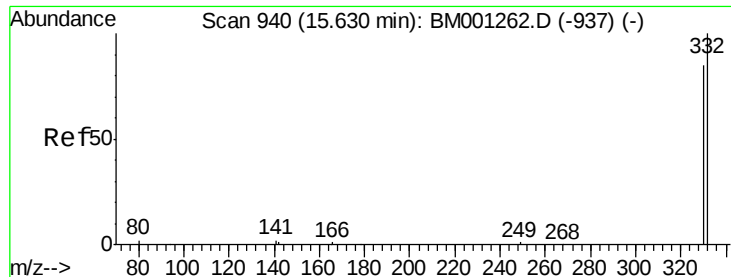
Ion Ratio Lower Upper

164 100

162 98.8 87.9 131.9

160 41.7 40.9 61.3

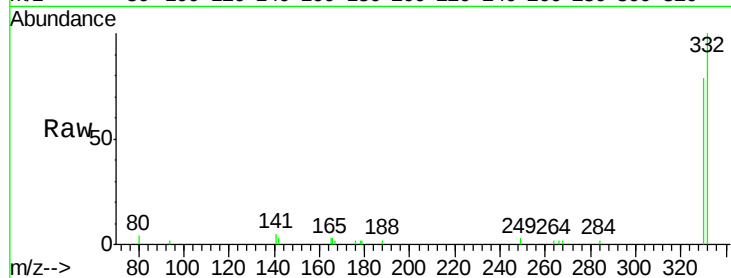




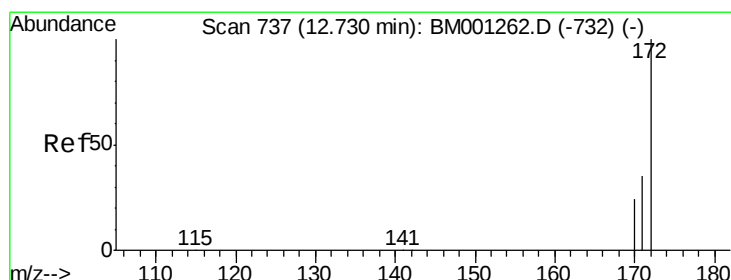
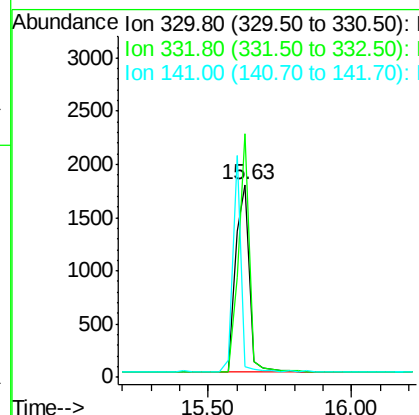
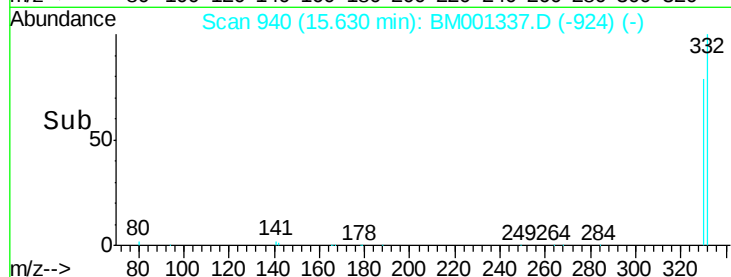
#13
 2,4,6-Tribromophenol
 Concen: 9.08 ng
 RT: 15.63 min Scan# 940
 Delta R.T. -0.00 min
 Lab File: BM001337.D
 Acq: 18 May 2015 19:12

Instrument :
 BNA_M
 ClientSampleId :
 051515-P17-F-U-S

Tgt Ion:330 Resp: 6163
 Ion Ratio Lower Upper
 330 100
 332 101.5 89.0 133.4
 141 0.0 0.0 0.0

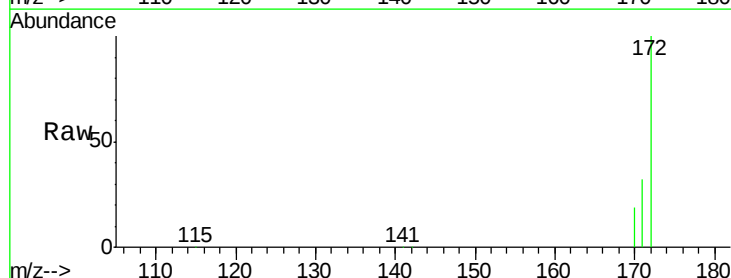


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

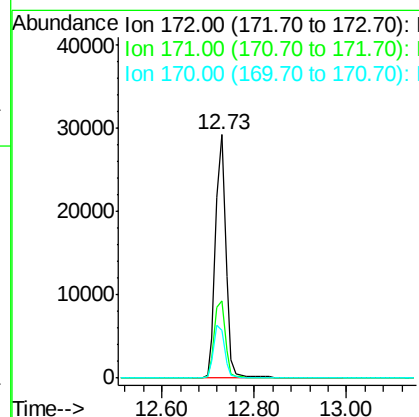
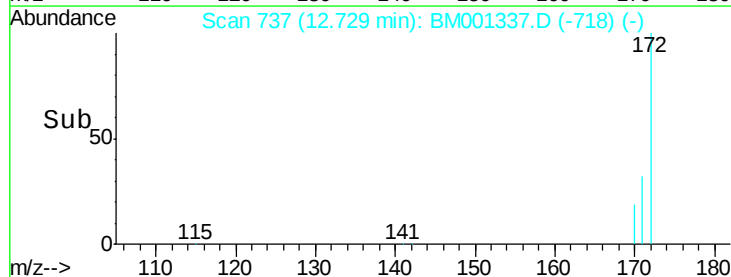


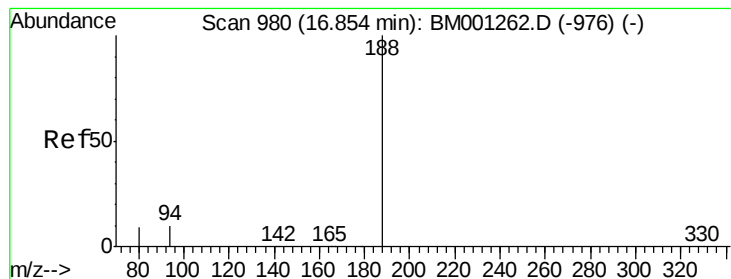
#14
 2-Fluorobiphenyl
 Concen: 7.37 ng
 RT: 12.73 min Scan# 737
 Delta R.T. -0.00 min
 Lab File: BM001337.D
 Acq: 18 May 2015 19:12

Tgt Ion:172 Resp: 45280
 Ion Ratio Lower Upper
 172 100
 171 31.9 28.7 43.1
 170 19.5 19.5 29.3#



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 16.85 min Scan# 980

Delta R.T. -0.00 min

Lab File: BM001337.D

Acq: 18 May 2015 19:12

Instrument :

BNA_M

ClientSampleId :

051515-P17-F-U-S

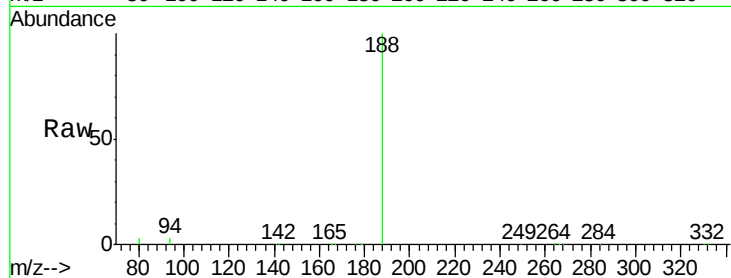
Tgt Ion:188 Resp: 59086

Ion Ratio Lower Upper

188 100

94 3.3 7.8 11.8#

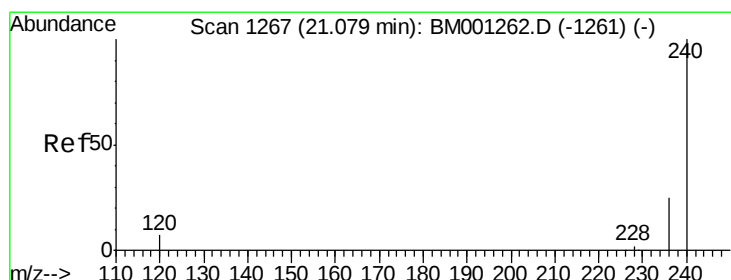
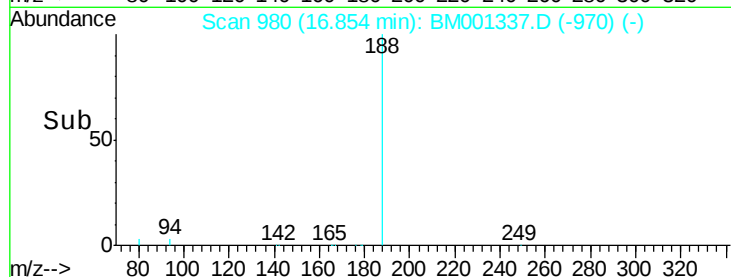
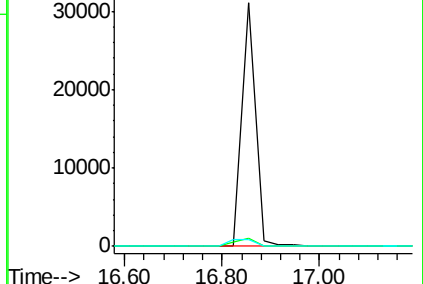
80 2.9 7.5 11.3#



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: BM001337.D

Acq: 18 May 2015 19:12

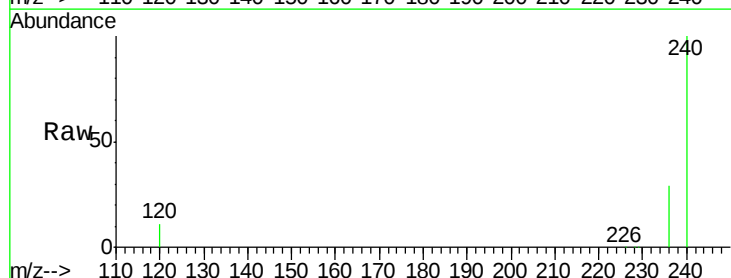
Tgt Ion:240 Resp: 37492

Ion Ratio Lower Upper

240 100

120 11.1 5.5 8.3#

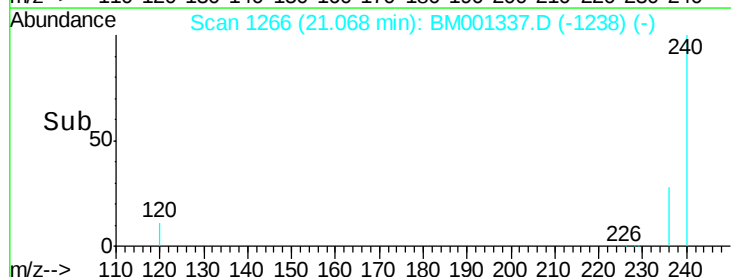
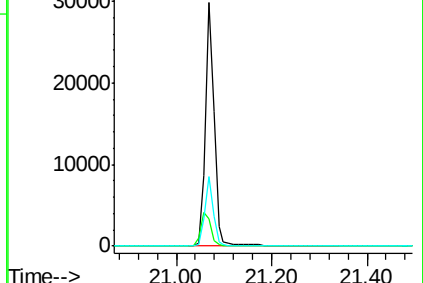
236 28.6 20.4 30.6

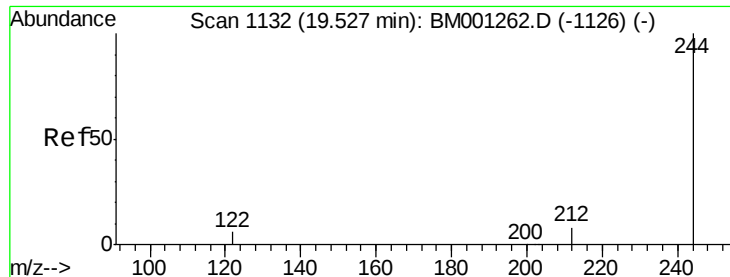


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#26

Terphenyl-d14

Concen: 10.16 ng

RT: 19.51 min Scan# 1131

Delta R.T. -0.00 min

Lab File: BM001337.D

Acq: 18 May 2015 19:12

Instrument :

BNA_M

ClientSampleId :

051515-P17-F-U-S

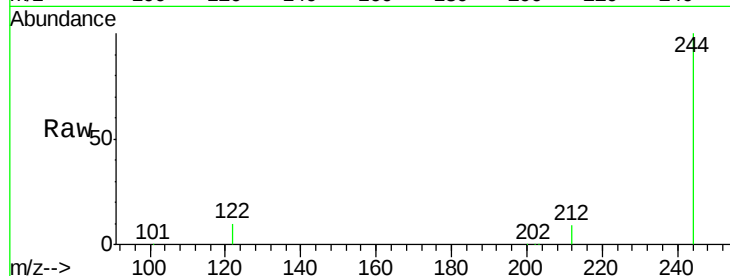
Tgt Ion:244 Resp: 51177

Ion Ratio Lower Upper

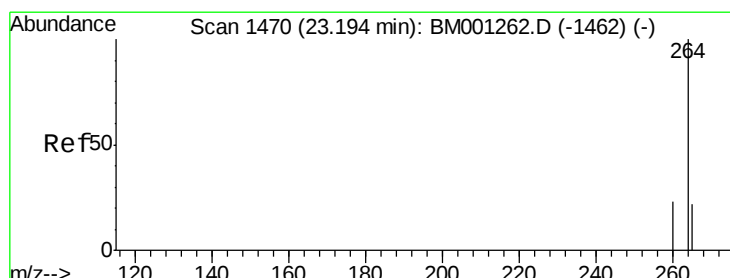
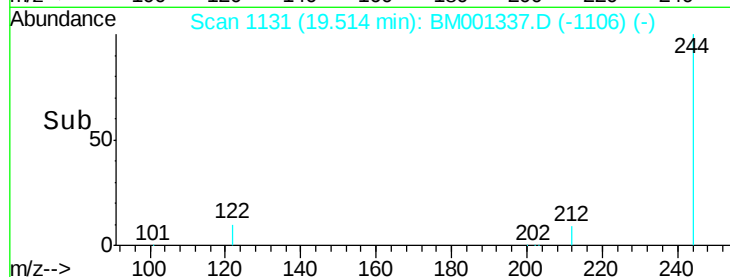
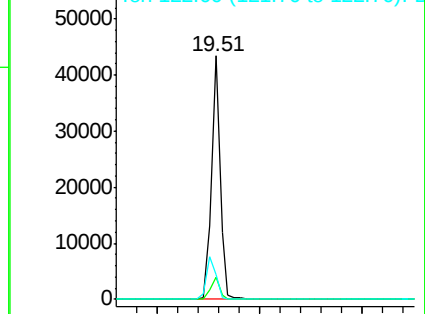
244 100

212 9.0 7.2 10.8

122 9.9 5.6 8.4#



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



#30

Perylene-d12

Concen: 5.00 ng

RT: 23.18 min Scan# 1469

Delta R.T. -0.00 min

Lab File: BM001337.D

Acq: 18 May 2015 19:12

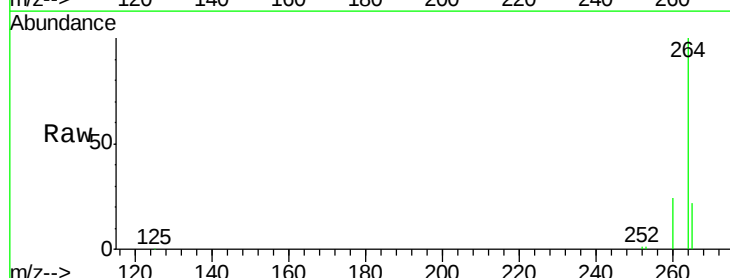
Tgt Ion:264 Resp: 35612

Ion Ratio Lower Upper

264 100

260 24.3 18.9 28.3

265 22.2 18.1 27.1



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

