

Data Path : Z:\HPCHEM1\BNA M\DATA\BM051615\
 Data File : BM001300.D
 Acq On : 14 May 2015 20:11
 Operator : TP/IZ
 Sample : G2210-06
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 050815-P17-E-D-S

Quant Time: May 15 05:50:06 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SIMPAH-BM051315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 15 05:14:53 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	13887	5.00	ng	0.00
6) Naphthalene-d8	10.22	136	48919	5.00	ng	0.00
12) Acenaphthene-d10	14.13	164	25238	5.00	ng	0.00
18) Phenanthrene-d10	16.86	188	67910	5.00	ng	0.00
24) Chrysene-d12	21.07	240	44106	5.00	ng	0.00
30) Perylene-d12	23.19	264	42079	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.04	112	11480	4.24	ng	0.00
5) Phenol-d6	6.63	99	8130	2.66	ng	0.00
7) Nitrobenzene-d5	8.60	82	18897	6.10	ng	0.00
13) 2,4,6-Tribromophenol	15.61	330	7917	9.14	ng	-0.02
14) 2-Fluorobiphenyl	12.73	172	56094	7.16	ng	0.00
26) Terphenyl-d14	19.52	244	48688	8.22	ng	0.00

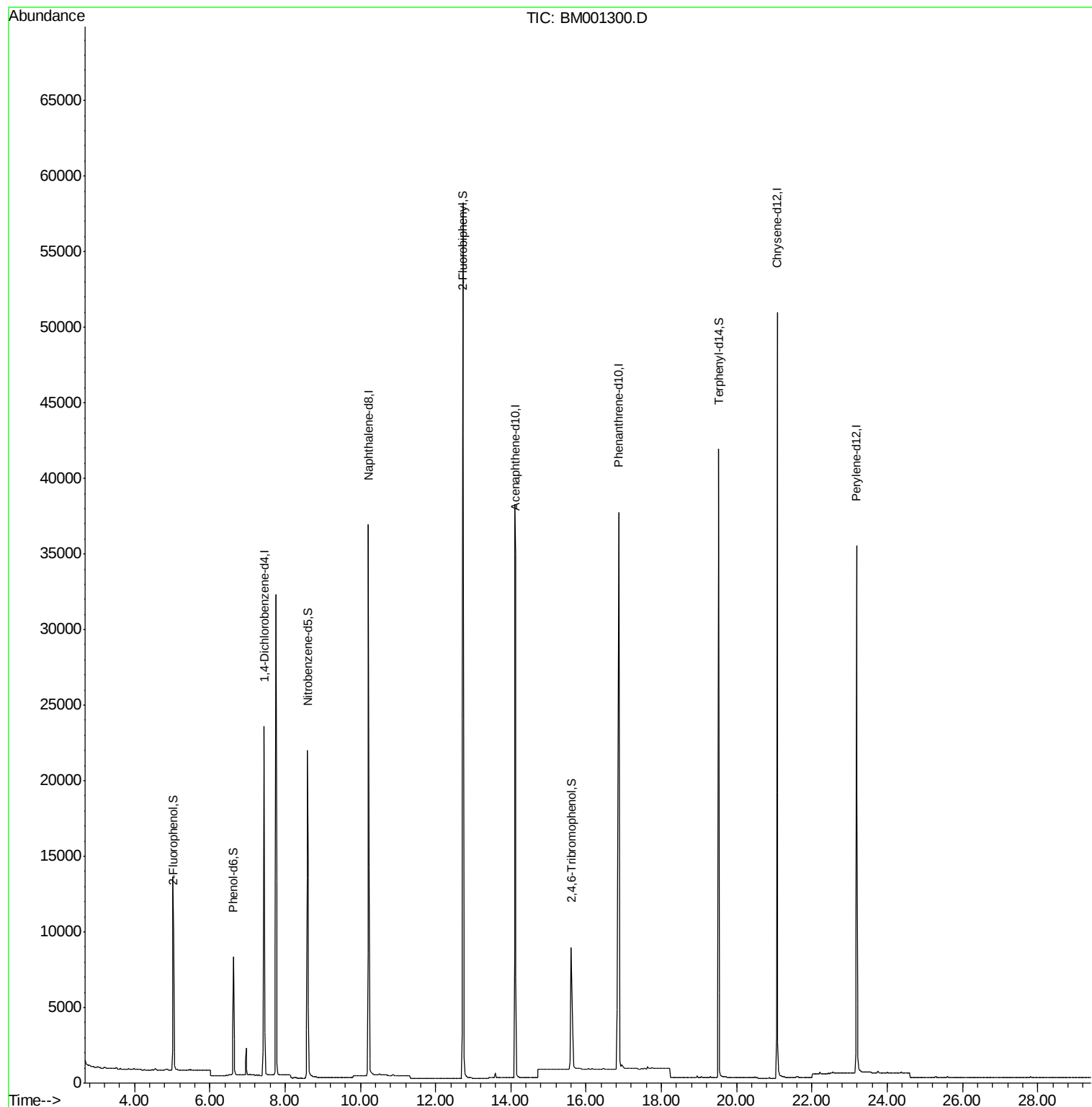
Target Compounds Qvalue

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

Data Path : Z:\HPCHEM1\BNA M\DATA\BM051615\
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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.45 min Scan# 309

Delta R.T. 0.00 min

Lab File: BM001300.D

Acq: 14 May 2015 20:11

Instrument :

BNA_M

ClientSampleId :

050815-P17-E-D-S

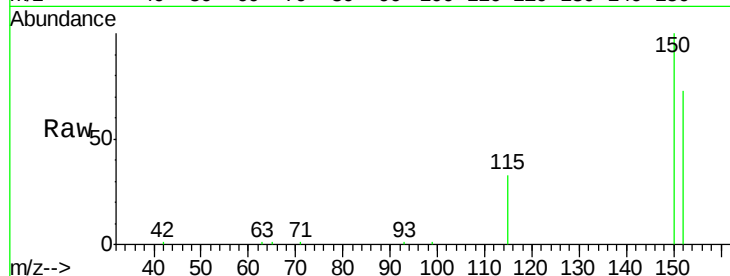
Tot Ion:152 Resp: 13887

Ion Ratio Lower Upper

152 100

150 137.8 114.6 172.0

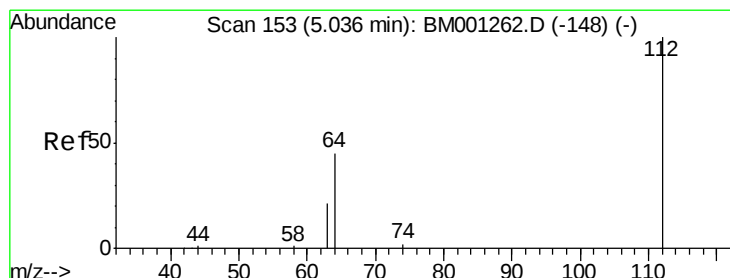
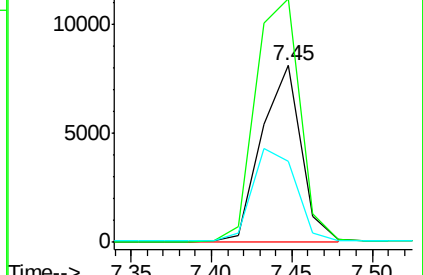
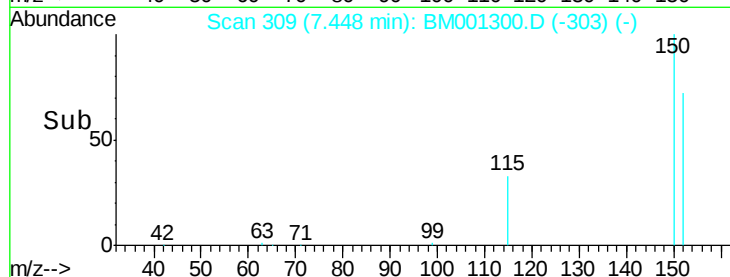
115 45.6 39.3 58.9



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: 4.24 ng

RT: 5.04 min Scan# 153

Delta R.T. 0.00 min

Lab File: BM001300.D

Acq: 14 May 2015 20:11

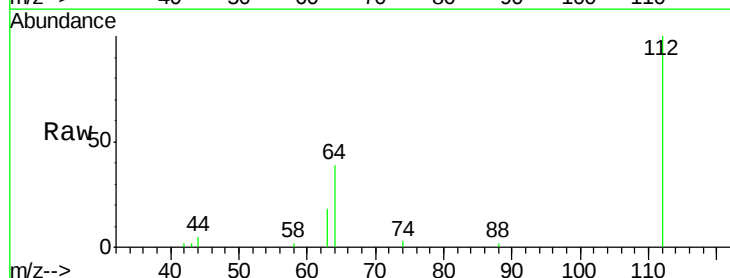
Tgt Ion:112 Resp: 11480

Ion Ratio Lower Upper

112 100

64 64.2 50.8 76.2

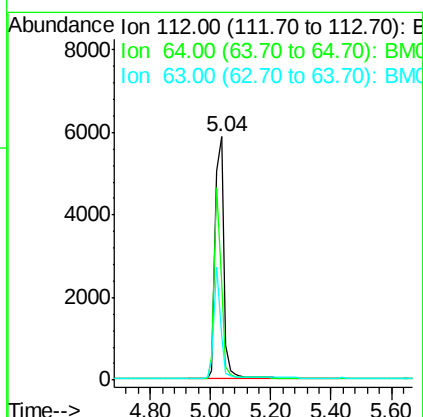
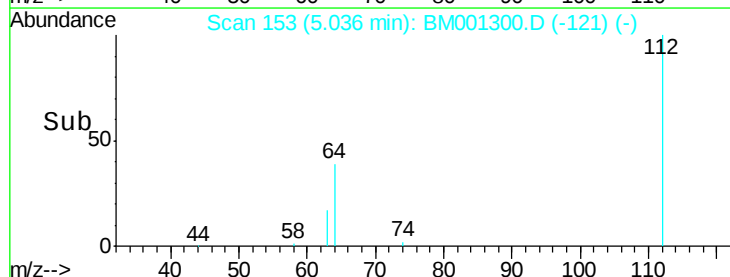
63 35.5 28.2 42.4

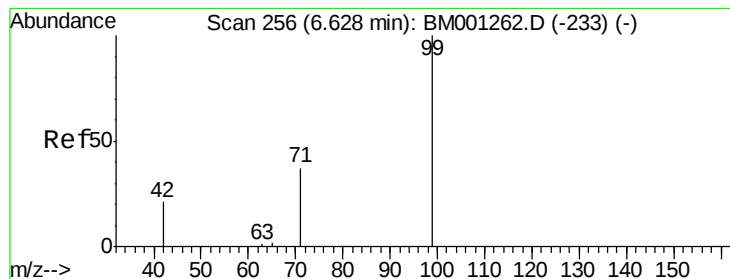


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0





#5

Phenol-d6

Concen: 2.66 ng

RT: 6.63 min Scan# 256

Delta R.T. 0.00 min

Lab File: BM001300.D

Acq: 14 May 2015 20:11

Instrument :

BNA_M

ClientSampleId :

050815-P17-E-D-S

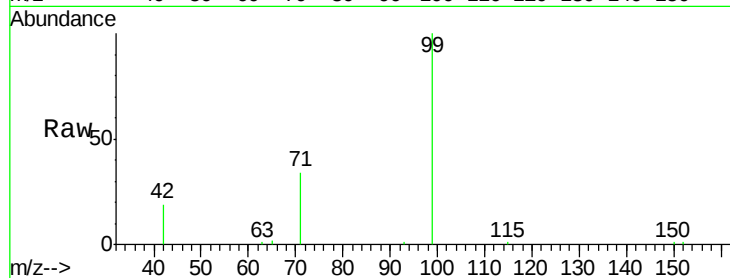
Tot Ion: 99 Resp: 8130

Ion Ratio Lower Upper

99 100

42 24.0 19.9 29.9

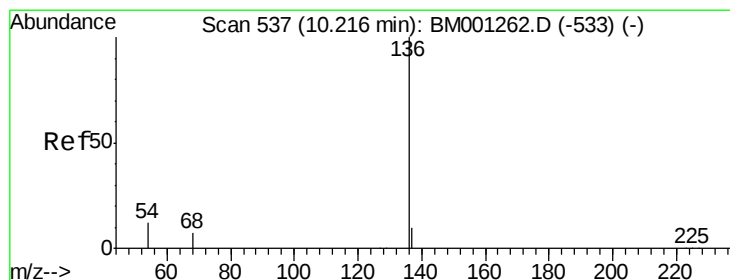
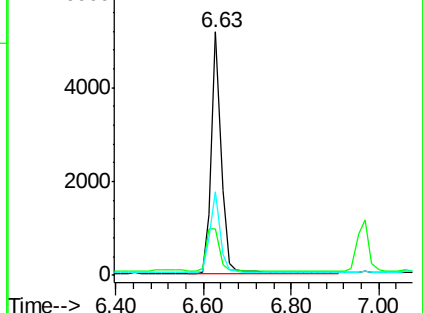
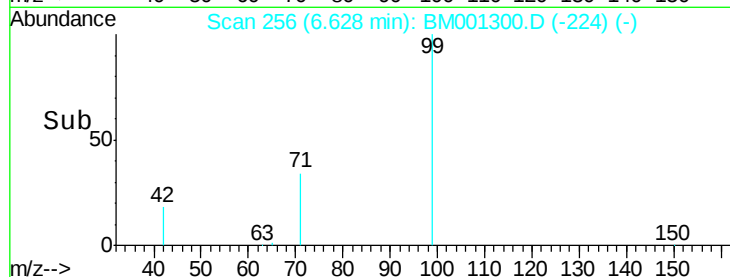
71 34.8 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BM001300.D (-224) (-)

Ion 42.00 (41.70 to 42.70): BM001300.D (-224) (-)

Ion 71.00 (70.70 to 71.70): BM001300.D (-224) (-)



#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.22 min Scan# 537

Delta R.T. 0.00 min

Lab File: BM001300.D

Acq: 14 May 2015 20:11

Tgt Ion: 136 Resp: 48919

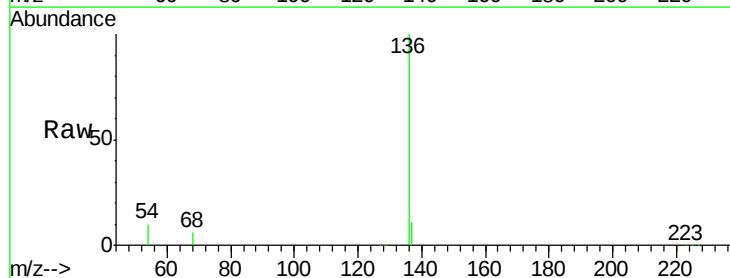
Ion Ratio Lower Upper

136 100

137 10.6 8.2 12.4

54 9.6 9.5 14.3

68 5.8 5.5 8.3

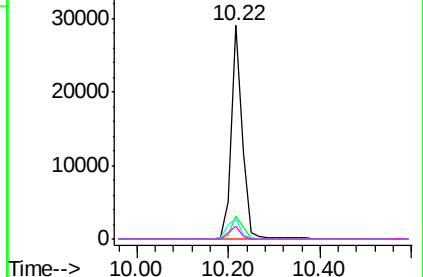
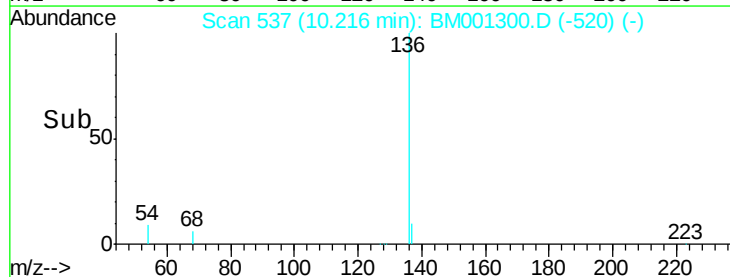


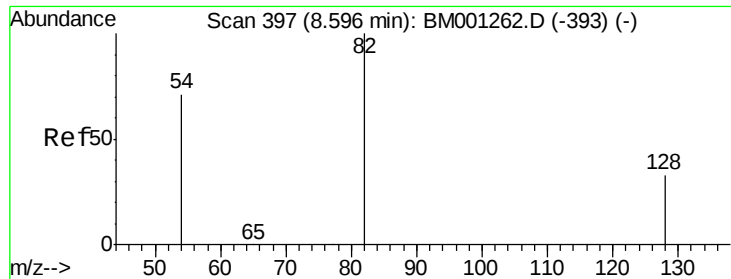
Abundance Ion 136.00 (135.70 to 136.70): BM001300.D (-520) (-)

Ion 137.00 (136.70 to 137.70): BM001300.D (-520) (-)

Ion 54.00 (53.70 to 54.70): BM001300.D (-520) (-)

Ion 68.00 (67.70 to 68.70): BM001300.D (-520) (-)





#7

Nitrobenzene-d5

Concen: 6.10 ng

RT: 8.60 min Scan# 397

Delta R.T. 0.00 min

Lab File: BM001300.D

Acq: 14 May 2015 20:11

Instrument :

BNA_M

ClientSampleId :

050815-P17-E-D-S

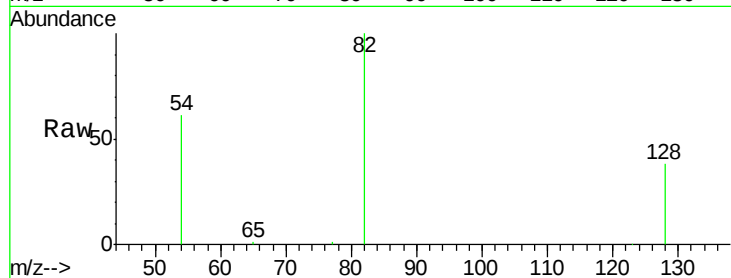
Tot Ion: 82 Resp: 18897

Ion Ratio Lower Upper

82 100

128 37.7 28.0 42.0

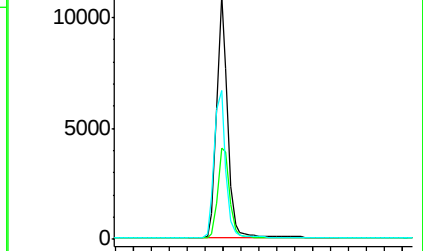
54 60.9 57.3 85.9



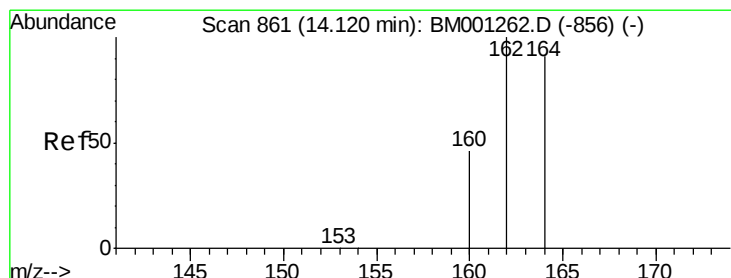
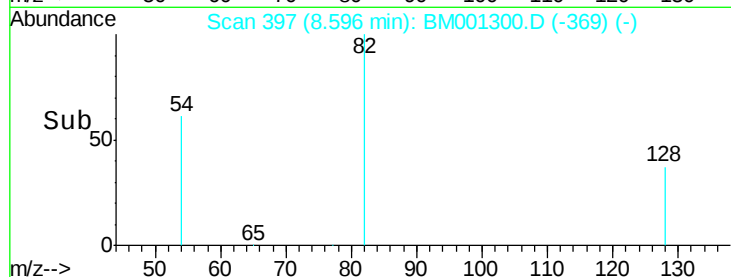
Abundance Ion 82.00 (81.70 to 82.70): BM001300.D (-849) (-)

Ion 128.00 (127.70 to 128.70): BM001300.D (-849) (-)

Ion 54.00 (53.70 to 54.70): BM001300.D (-849) (-)



Time-->



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.13 min Scan# 861

Delta R.T. 0.01 min

Lab File: BM001300.D

Acq: 14 May 2015 20:11

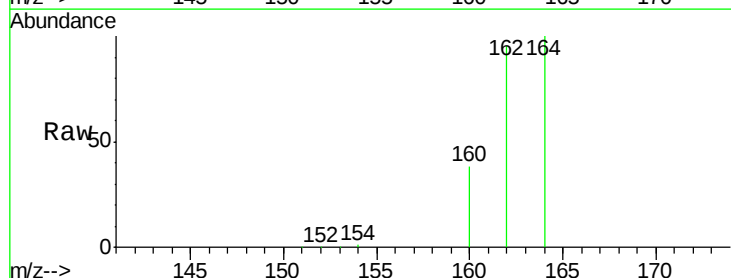
Tgt Ion: 164 Resp: 25238

Ion Ratio Lower Upper

164 100

162 94.9 87.9 131.9

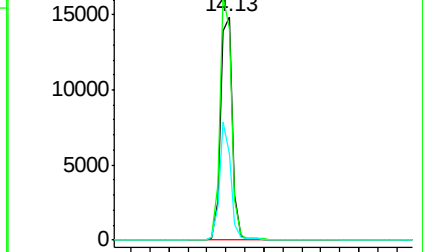
160 38.4 40.9 61.3#



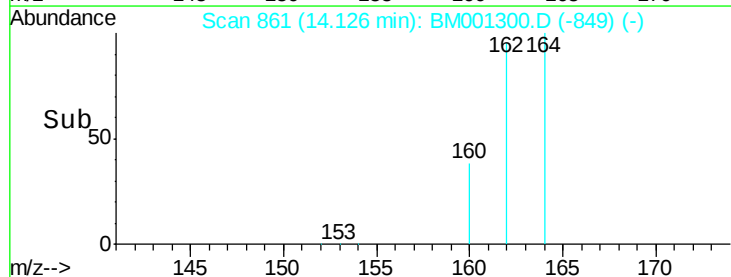
Abundance Ion 164.00 (163.70 to 164.70): BM001300.D (-849) (-)

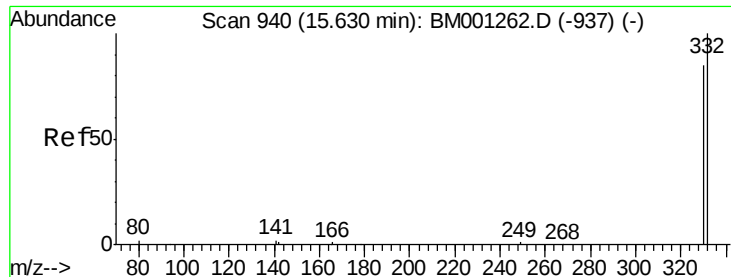
Ion 162.00 (161.70 to 162.70): BM001300.D (-849) (-)

Ion 160.00 (159.70 to 160.70): BM001300.D (-849) (-)



Time-->

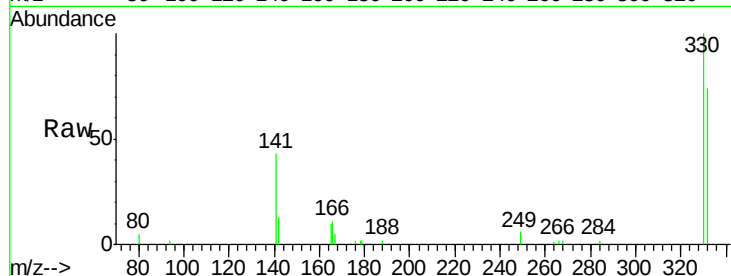




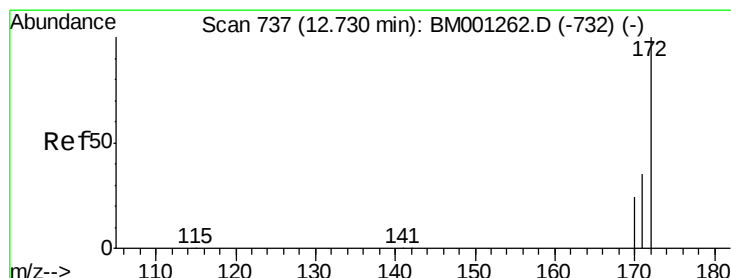
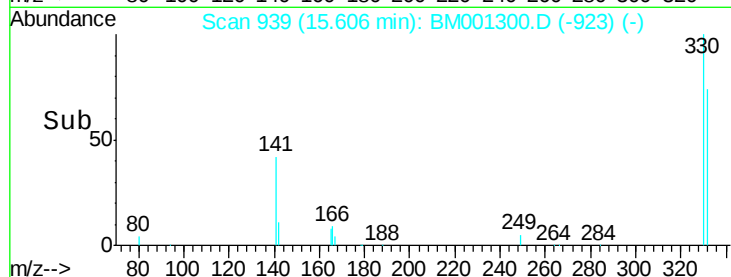
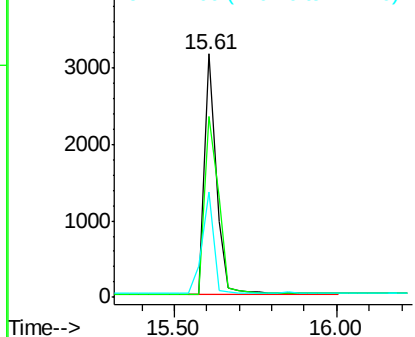
#13
 2,4,6-Tribromophenol
 Concen: 9.14 ng
 RT: 15.61 min Scan# 939
 Delta R.T. -0.02 min
 Lab File: BM001300.D
 Acq: 14 May 2015 20:11

Instrument :
 BNA_M
 ClientSampleId :
 050815-P17-E-D-S

Tot Ion:330 Resp: 7917
 Ion Ratio Lower Upper
 330 100
 332 88.1 89.0 133.4#
 141 40.9 0.0 0.0#

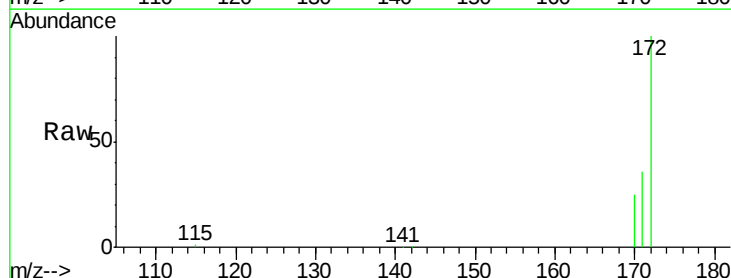


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

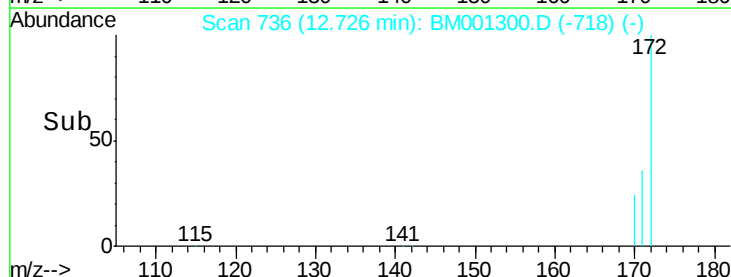
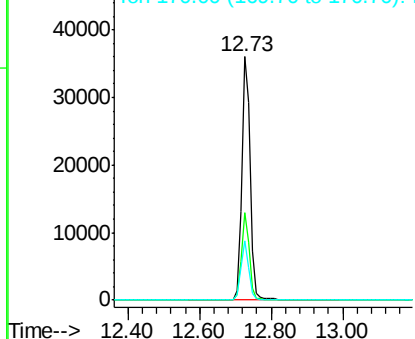


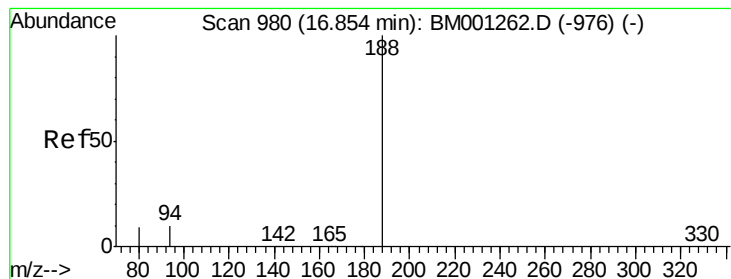
#14
 2-Fluorobiphenyl
 Concen: 7.16 ng
 RT: 12.73 min Scan# 736
 Delta R.T. -0.00 min
 Lab File: BM001300.D
 Acq: 14 May 2015 20:11

Tgt Ion:172 Resp: 56094
 Ion Ratio Lower Upper
 172 100
 171 36.1 28.7 43.1
 170 24.5 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: 16.86 min Scan# 980

Delta R.T. 0.01 min

Lab File: BM001300.D

Acq: 14 May 2015 20:11

Instrument :

BNA_M

ClientSampleId :

050815-P17-E-D-S

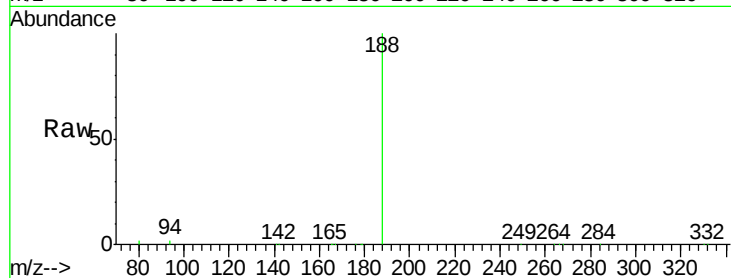
Tot Ion:188 Resp: 67910

Ion Ratio Lower Upper

188 100

94 1.7 7.8 11.8#

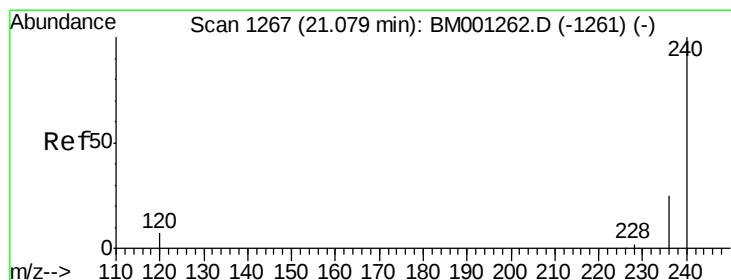
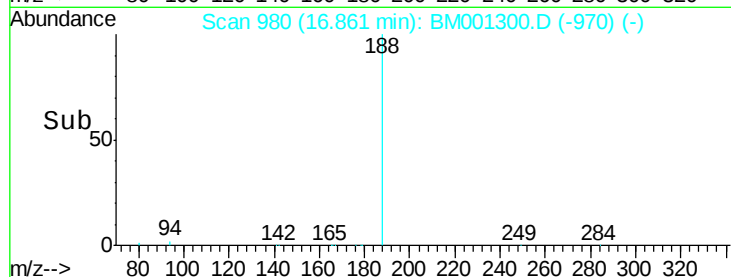
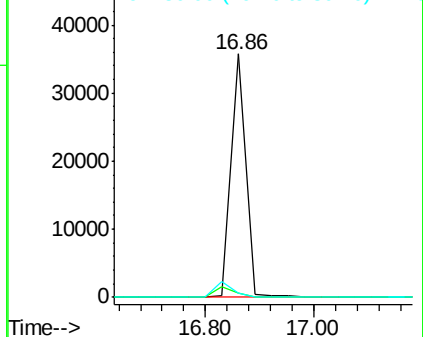
80 1.5 7.5 11.3#



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



#24

Chrysene-d12

Concen: 5.00 ng

RT: 21.07 min Scan# 1266

Delta R.T. -0.01 min

Lab File: BM001300.D

Acq: 14 May 2015 20:11

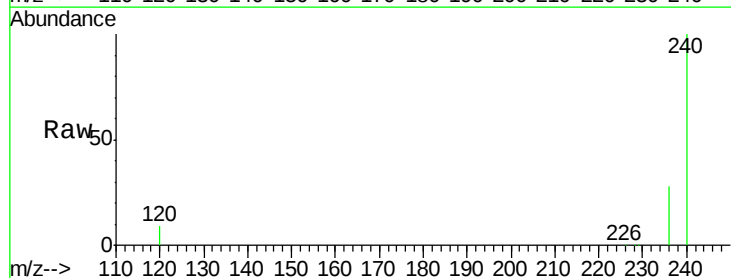
Tgt Ion:240 Resp: 44106

Ion Ratio Lower Upper

240 100

120 9.2 5.5 8.3#

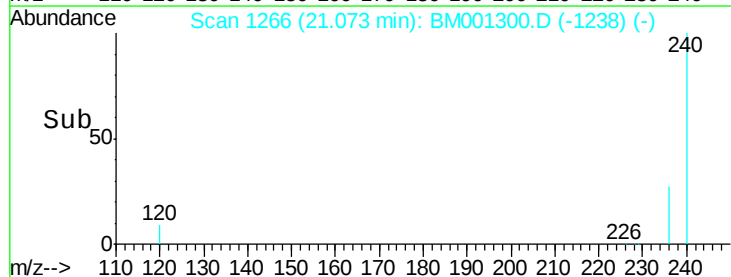
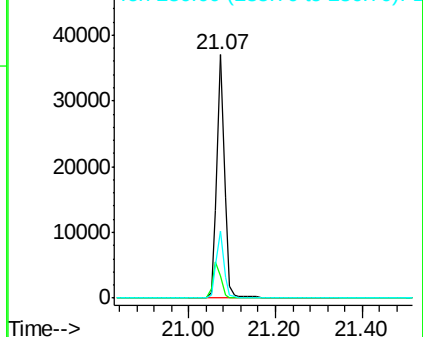
236 27.6 20.4 30.6

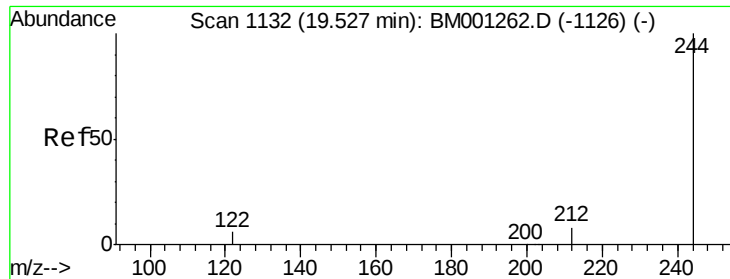


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

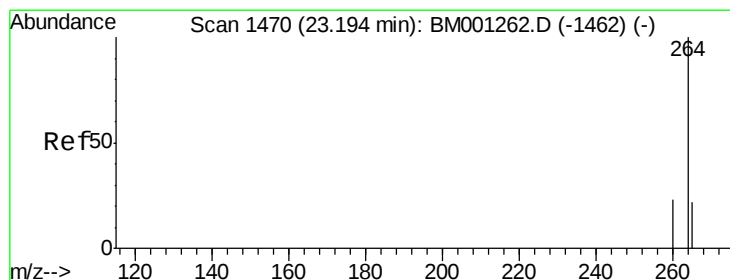
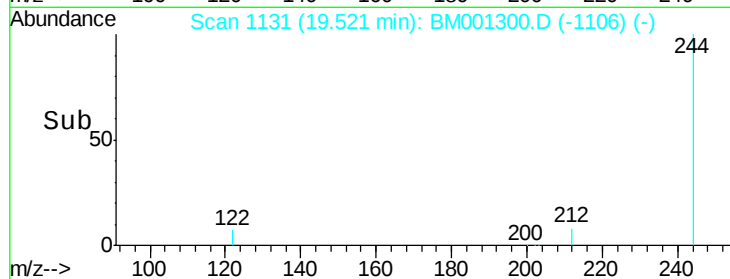
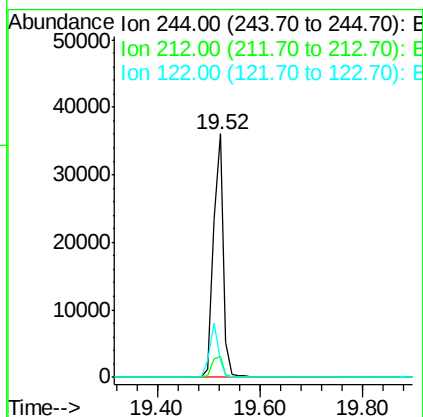
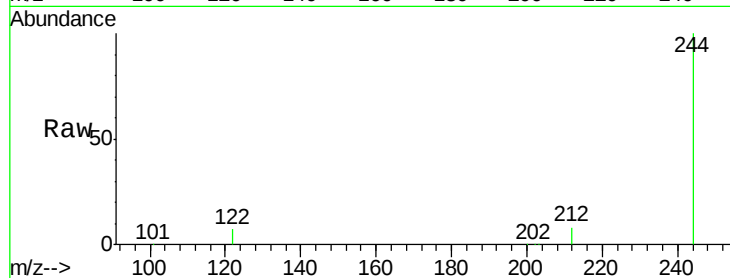




#26
 Terphenyl-d14
 Concen: 8.22 ng
 RT: 19.52 min Scan# 1131
 Delta R.T. 0.01 min
 Lab File: BM001300.D
 Acq: 14 May 2015 20:11

Instrument :
 BNA_M
 ClientSampleId :
 050815-P17-E-D-S

Tot Ion:244 Resp: 48688
 Ion Ratio Lower Upper
 244 100
 212 8.5 7.2 10.8
 122 6.8 5.6 8.4



#30
 Perylene-d12
 Concen: 5.00 ng
 RT: 23.19 min Scan# 1469
 Delta R.T. 0.01 min
 Lab File: BM001300.D
 Acq: 14 May 2015 20:11

Tgt Ion:264 Resp: 42079
 Ion Ratio Lower Upper
 264 100
 260 24.6 18.9 28.3
 265 22.3 18.1 27.1

