

Data Path : Z:\HPCHEM1\BNA M\DATA\BM050115\
 Data File : BM001165.D
 Acq On : 02 May 2015 12:51
 Operator : TP/IZ
 Sample : G2057-05
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MWJ-3

Quant Time: May 04 17:28:39 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SIMPAH-BM050115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 04 16:48:07 2015
 Response via : Initial Calibration

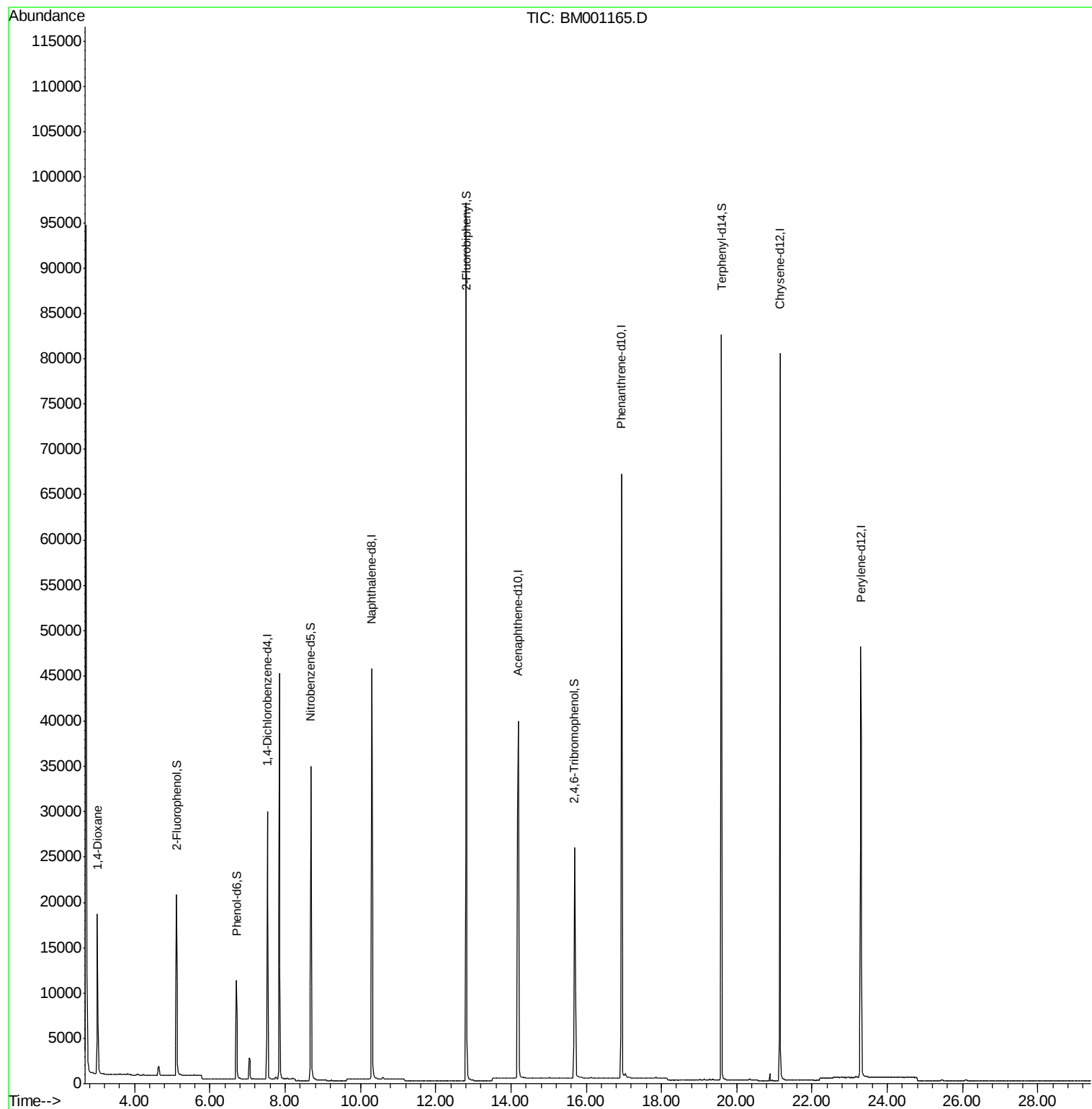
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	16034	5.00	ng	0.00
6) Naphthalene-d8	10.31	136	62417	5.00	ng	0.00
12) Acenaphthene-d10	14.20	164	34613	5.00	ng	0.00
18) Phenanthrene-d10	16.94	188	86891	5.00	ng	0.00
24) Chrysene-d12	21.15	240	70515	5.00	ng	0.00
30) Perylene-d12	23.29	264	58187	5.00	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.11	112	16119	5.17	ng	-0.01
5) Phenol-d6	6.71	99	12188	3.17	ng	0.00
7) Nitrobenzene-d5	8.69	82	31178	8.82	ng	0.00
13) 2,4,6-Tribromophenol	15.69	330	21494	12.62	ng	0.00
14) 2-Fluorobiphenyl	12.81	172	101149	8.84	ng	0.00
26) Terphenyl-d14	19.59	244	101017	10.39	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.01	88	11509	8.73	ng	Qvalue # 76

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

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.52 min Scan# 314

Delta R.T. -0.00 min

Lab File: BM001165.D

Acq: 02 May 2015 12:51

Instrument :

BNA_M

ClientSampleId :

MWJ-3

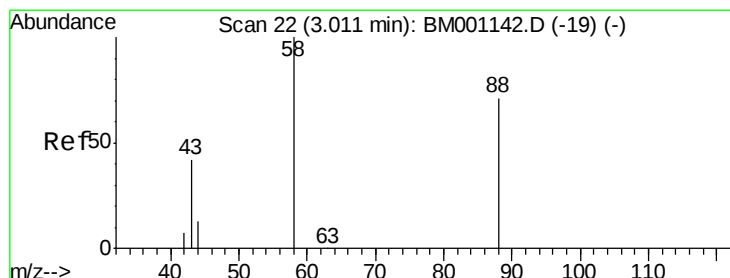
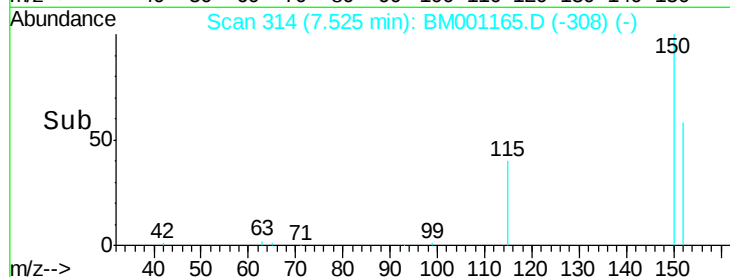
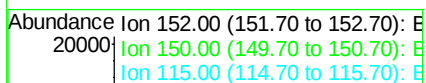
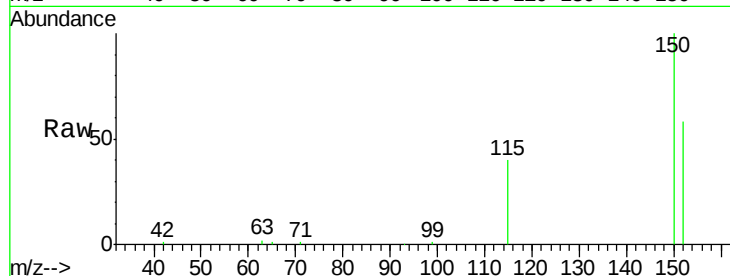
Tot Ion:152 Resp: 16034

Ion Ratio Lower Upper

152 100

150 171.9 140.1 210.1

115 69.2 57.8 86.6



#2

1,4-Dioxane

Concen: 8.73 ng

RT: 3.01 min Scan# 22

Delta R.T. 0.00 min

Lab File: BM001165.D

Acq: 02 May 2015 12:51

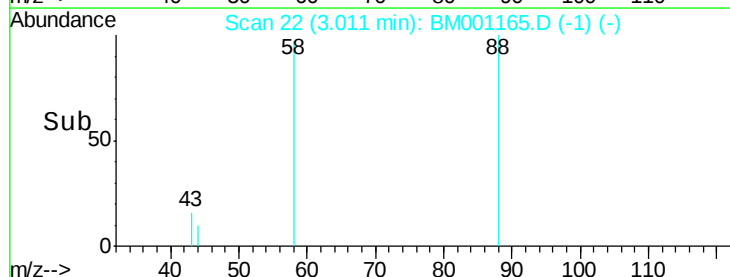
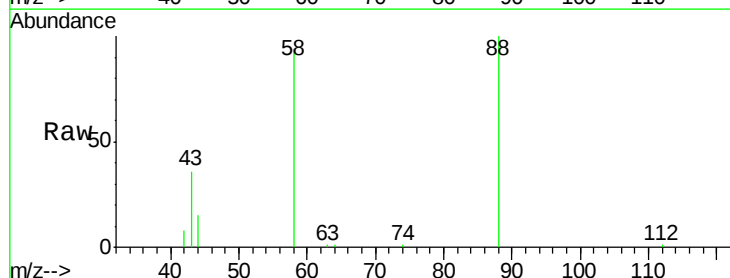
Tgt Ion: 88 Resp: 11509

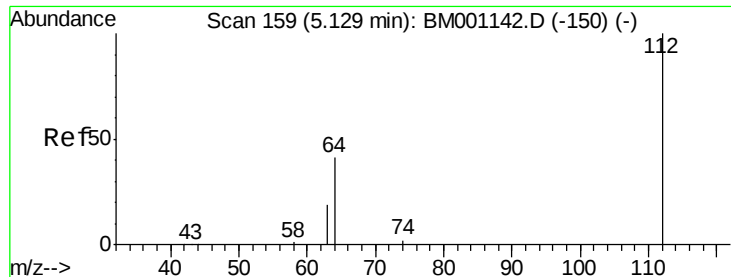
Ion Ratio Lower Upper

88 100

58 83.3 48.2 72.2#

43 36.6 24.8 37.2





#4

2-Fluorophenol

Concen: 5.17 ng

RT: 5.11 min Scan# 158

Delta R.T. -0.01 min

Lab File: BM001165.D

Acq: 02 May 2015 12:51

Instrument :

BNA_M

ClientSampleId :

MWJ-3

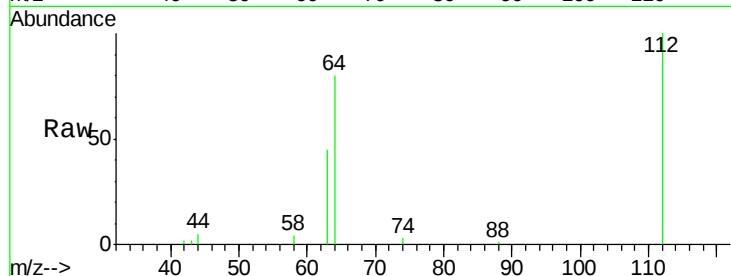
Tot Ion:112 Resp: 16119

Ion Ratio Lower Upper

112 100

64 64.6 52.6 79.0

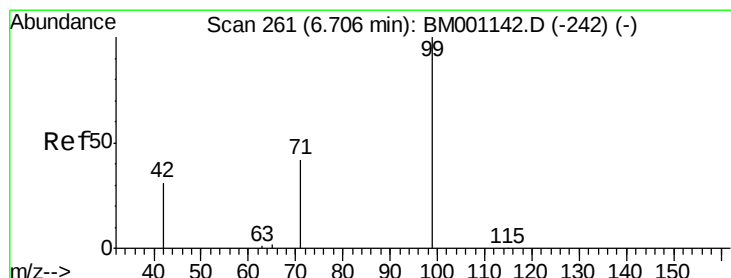
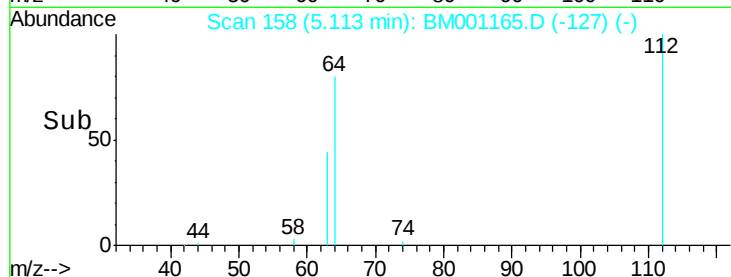
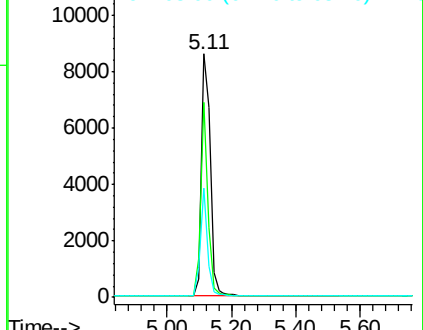
63 36.0 29.5 44.3



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B



#5

Phenol-d6

Concen: 3.17 ng

RT: 6.71 min Scan# 261

Delta R.T. 0.00 min

Lab File: BM001165.D

Acq: 02 May 2015 12:51

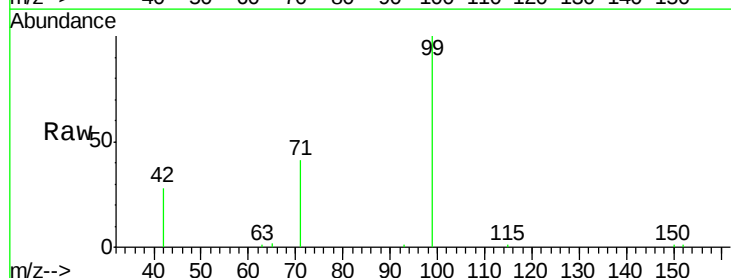
Tgt Ion: 99 Resp: 12188

Ion Ratio Lower Upper

99 100

42 24.5 20.9 31.3

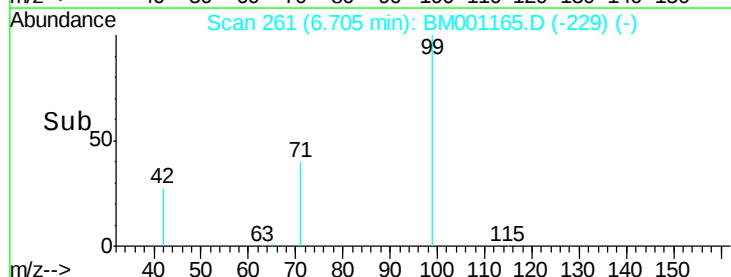
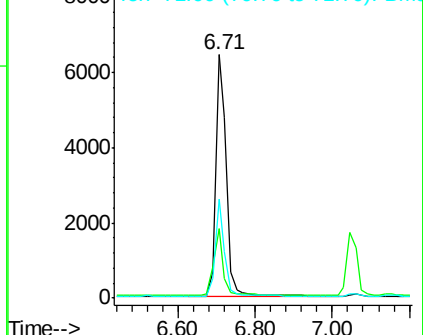
71 35.5 28.5 42.7

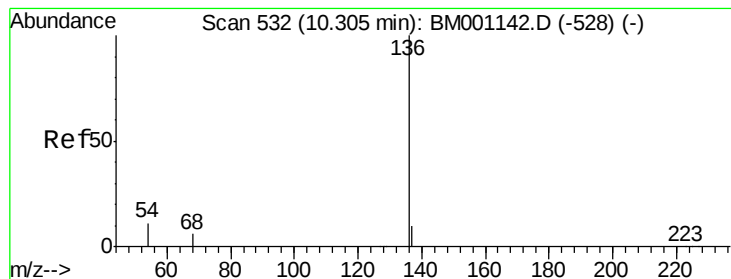


Abundance Ion 99.00 (98.70 to 99.70): B

Ion 42.00 (41.70 to 42.70): B

Ion 71.00 (70.70 to 71.70): B





#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.31 min Scan# 532

Delta R.T. -0.00 min

Lab File: BM001165.D

Acq: 02 May 2015 12:51

Instrument :

BNA_M

ClientSampleId :

MWJ-3

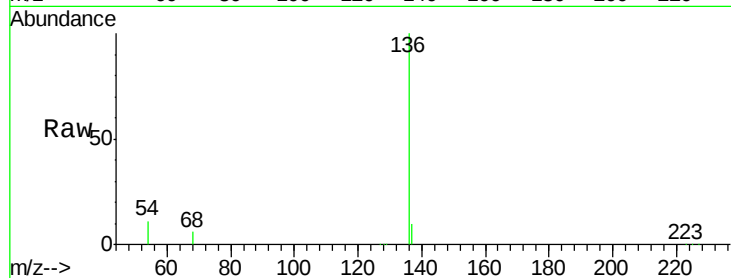
Tot Ion:136 Resp: 62417

Ion Ratio Lower Upper

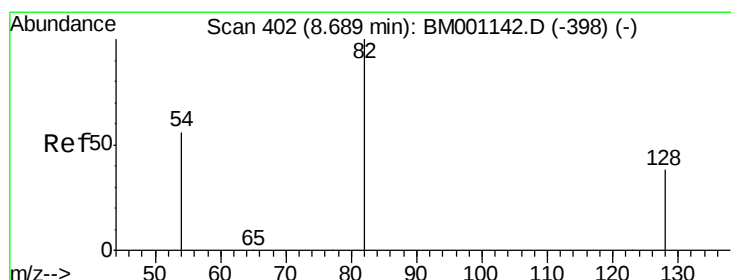
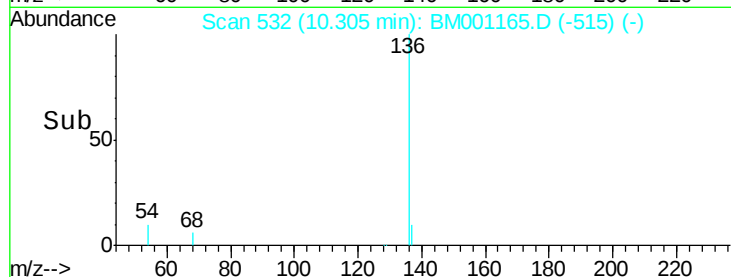
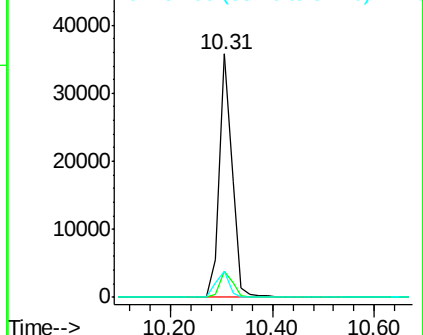
136 100

137 10.4 8.2 12.4

54 10.6 9.0 13.4



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM



#7

Nitrobenzene-d5

Concen: 8.82 ng

RT: 8.69 min Scan# 402

Delta R.T. -0.00 min

Lab File: BM001165.D

Acq: 02 May 2015 12:51

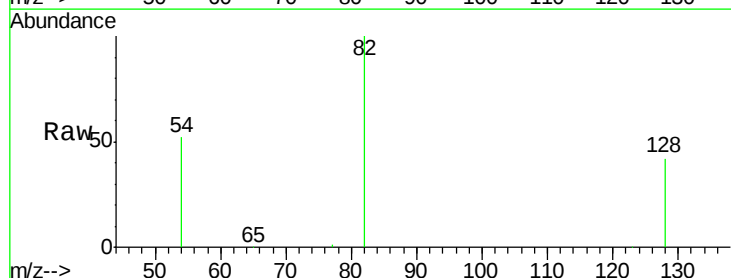
Tgt Ion: 82 Resp: 31178

Ion Ratio Lower Upper

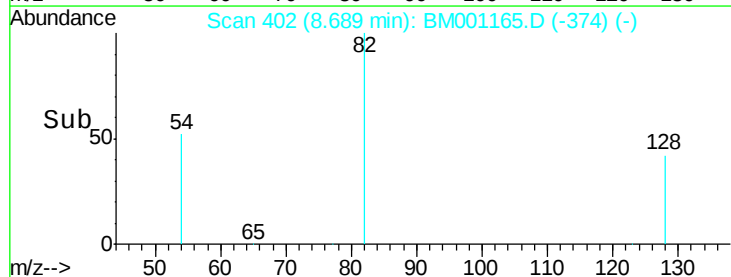
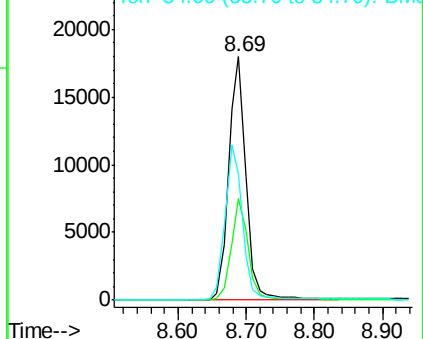
82 100

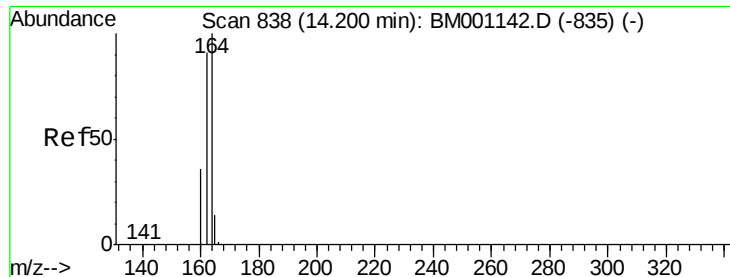
128 41.9 31.9 47.9

54 51.7 46.2 69.2



Abundance Ion 82.00 (81.70 to 82.70): BM
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BM





#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.20 min Scan# 838

Delta R.T. -0.00 min

Lab File: BM001165.D

Acq: 02 May 2015 12:51

Instrument :

BNA_M

ClientSampleId :

MWJ-3

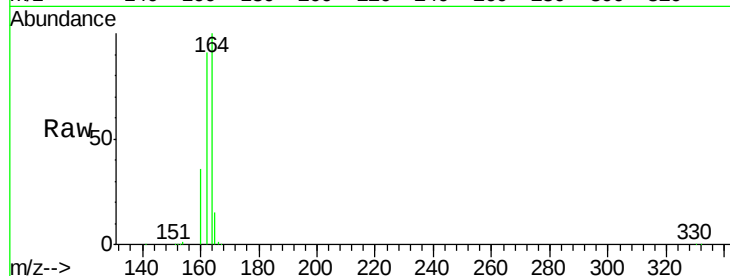
Tot Ion:164 Resp: 34613

Ion Ratio Lower Upper

164 100

162 90.6 72.7 109.1

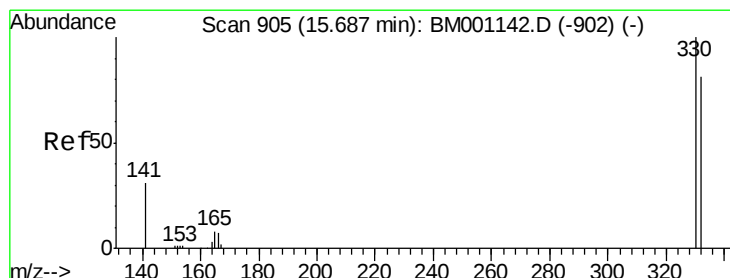
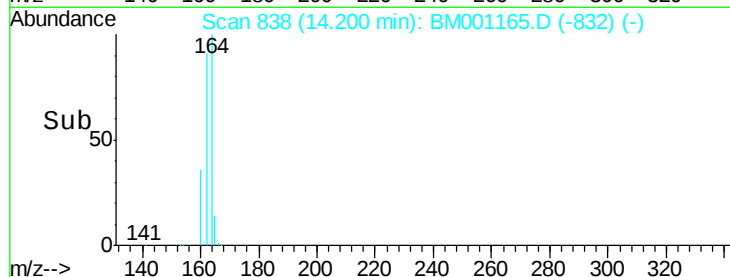
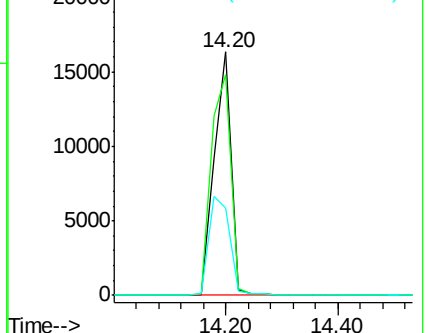
160 35.8 28.7 43.1



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#13

2,4,6-Tribromophenol

Concen: 12.62 ng

RT: 15.69 min Scan# 905

Delta R.T. 0.00 min

Lab File: BM001165.D

Acq: 02 May 2015 12:51

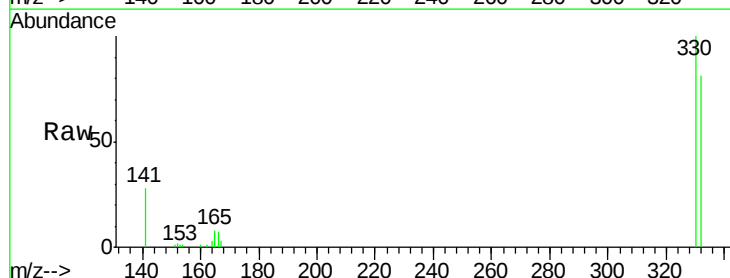
Tgt Ion:330 Resp: 21494

Ion Ratio Lower Upper

330 100

332 93.4 74.5 111.7

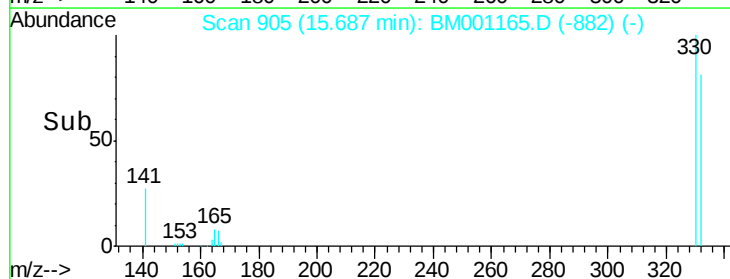
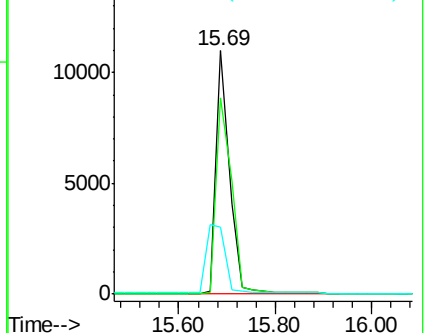
141 0.0 21.0 31.4#

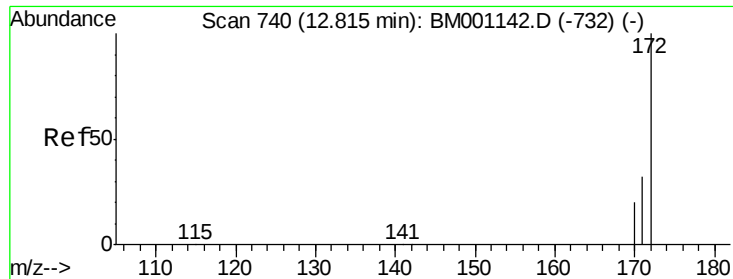


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#14

2-Fluorobiphenyl

Concen: 8.84 ng

RT: 12.81 min Scan# 740

Delta R.T. -0.00 min

Lab File: BM001165.D

Acq: 02 May 2015 12:51

Instrument :

BNA_M

ClientSampleId :

MWJ-3

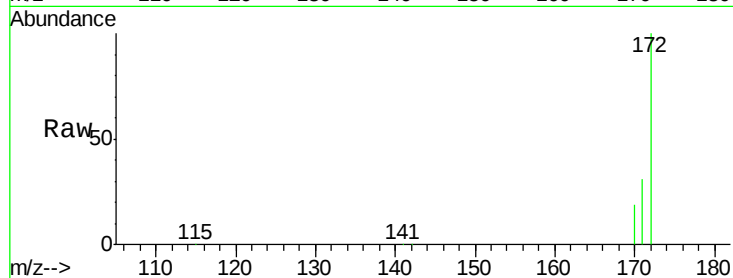
Tot Ion:172 Resp: 101149

Ion Ratio Lower Upper

172 100

171 31.3 25.8 38.6

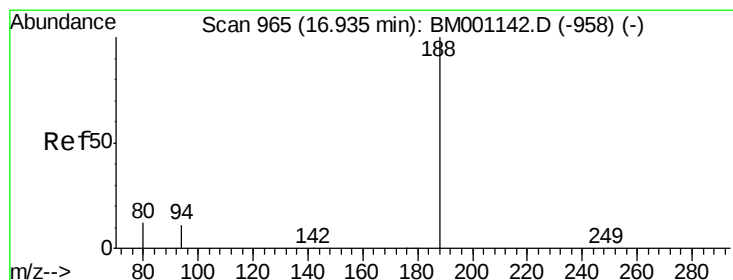
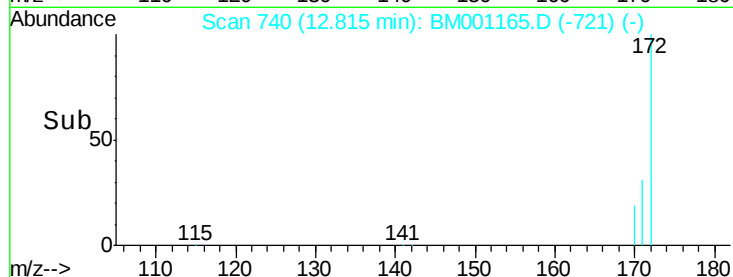
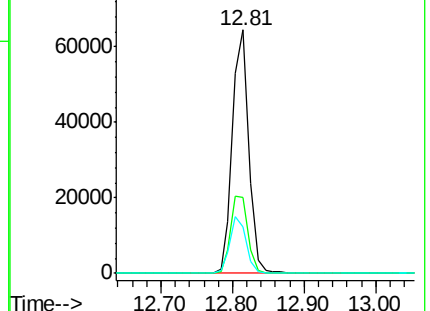
170 18.9 16.1 24.1



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: 16.94 min Scan# 965

Delta R.T. -0.00 min

Lab File: BM001165.D

Acq: 02 May 2015 12:51

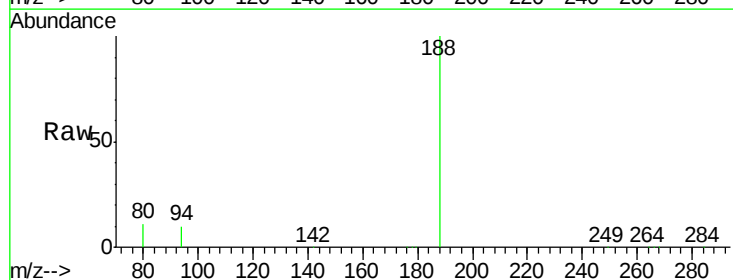
Tgt Ion:188 Resp: 86891

Ion Ratio Lower Upper

188 100

94 10.3 9.3 13.9

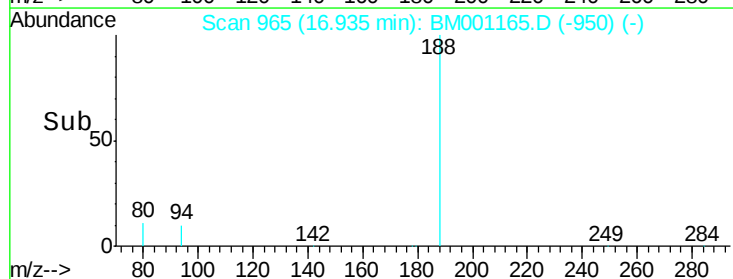
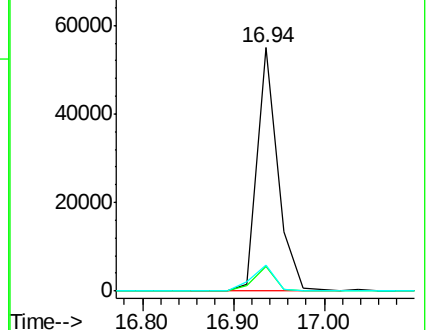
80 10.9 9.8 14.6

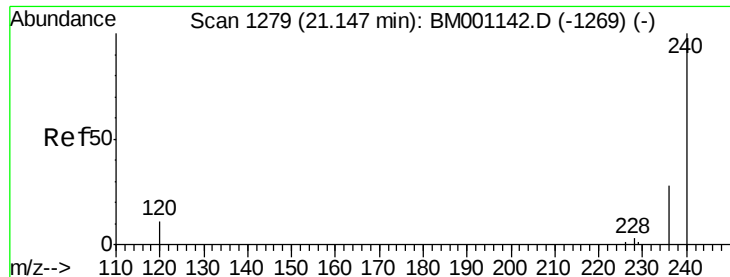


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0

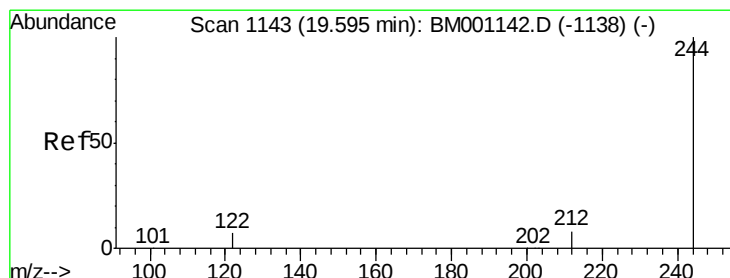
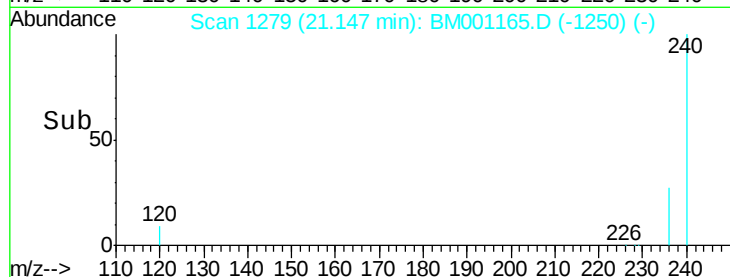
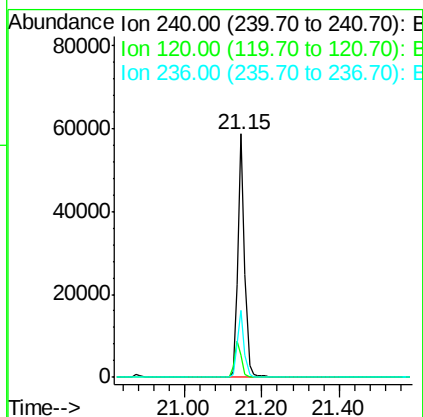
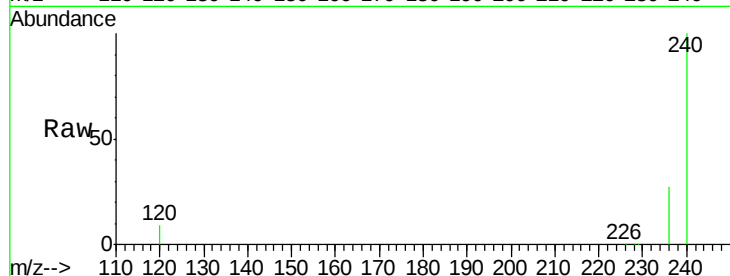




#24
Chrysene-d12
Concen: 5.00 ng
RT: 21.15 min Scan# 1279
Delta R.T. -0.00 min
Lab File: BM001165.D
Acq: 02 May 2015 12:51

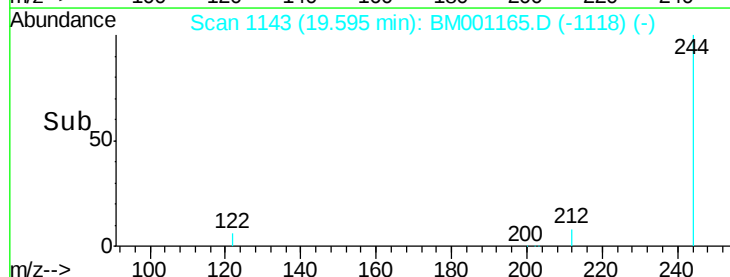
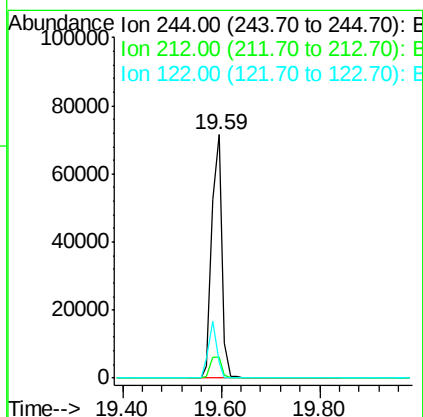
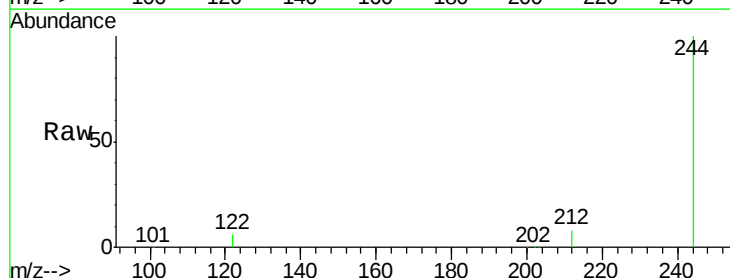
Instrument :
BNA_M
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MWJ-3

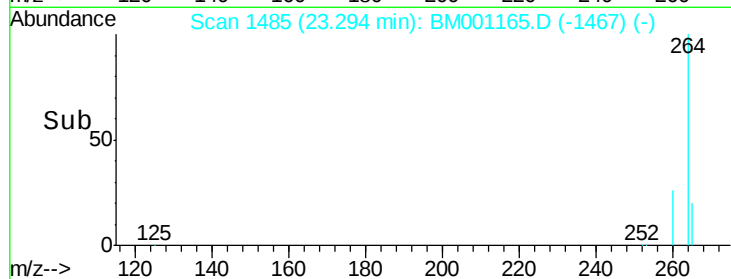
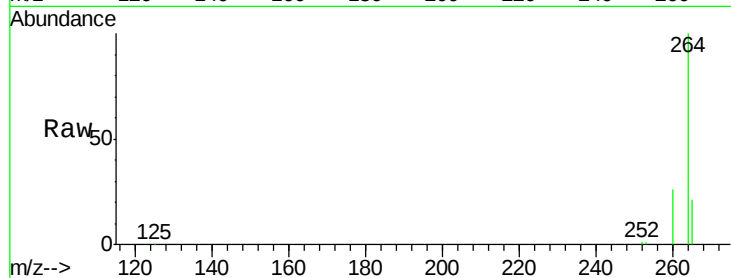
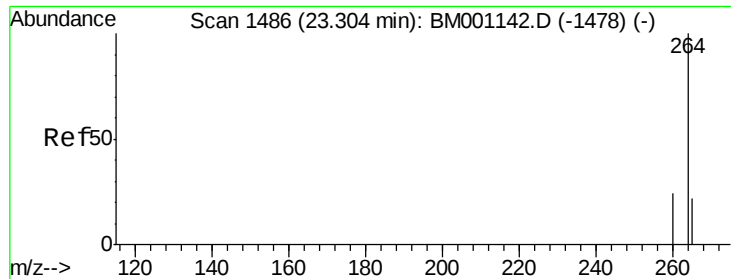
Tot Ion:240 Resp: 70515
Ion Ratio Lower Upper
240 100
120 9.2 9.2 13.8
236 27.4 22.4 33.6



#26
Terphenyl-d14
Concen: 10.39 ng
RT: 19.59 min Scan# 1143
Delta R.T. -0.00 min
Lab File: BM001165.D
Acq: 02 May 2015 12:51

Tgt Ion:244 Resp: 101017
Ion Ratio Lower Upper
244 100
212 8.4 7.1 10.7
122 6.4 6.2 9.4





#30

Pervlene-d12

Concen: 5.00 ng

RT: 23.29 min Scan# 1485

Delta R.T. -0.01 min

Lab File: BM001165.D

Acq: 02 May 2015 12:51

Instrument :

BNA_M

ClientSampleId :

MWJ-3

Tot Ion: 264 Resp: 58187

Ion Ratio Lower Upper

264 100

260 25.8 18.9 28.3

265 20.5 18.1 27.1

