

Data Path : Z:\HPCHEM1\BNA_E\Data\BE010715\
 Data File : BE089358.D
 Acq On : 8 Jan 2015 10:49
 Operator : TP/IZ
 Sample : G1011-02
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 MW2

Quant Time: Jan 08 15:59:10 2015
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SIM-PAH-BASE-BE010715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 08 15:21:44 2015
 Response via : Initial Calibration

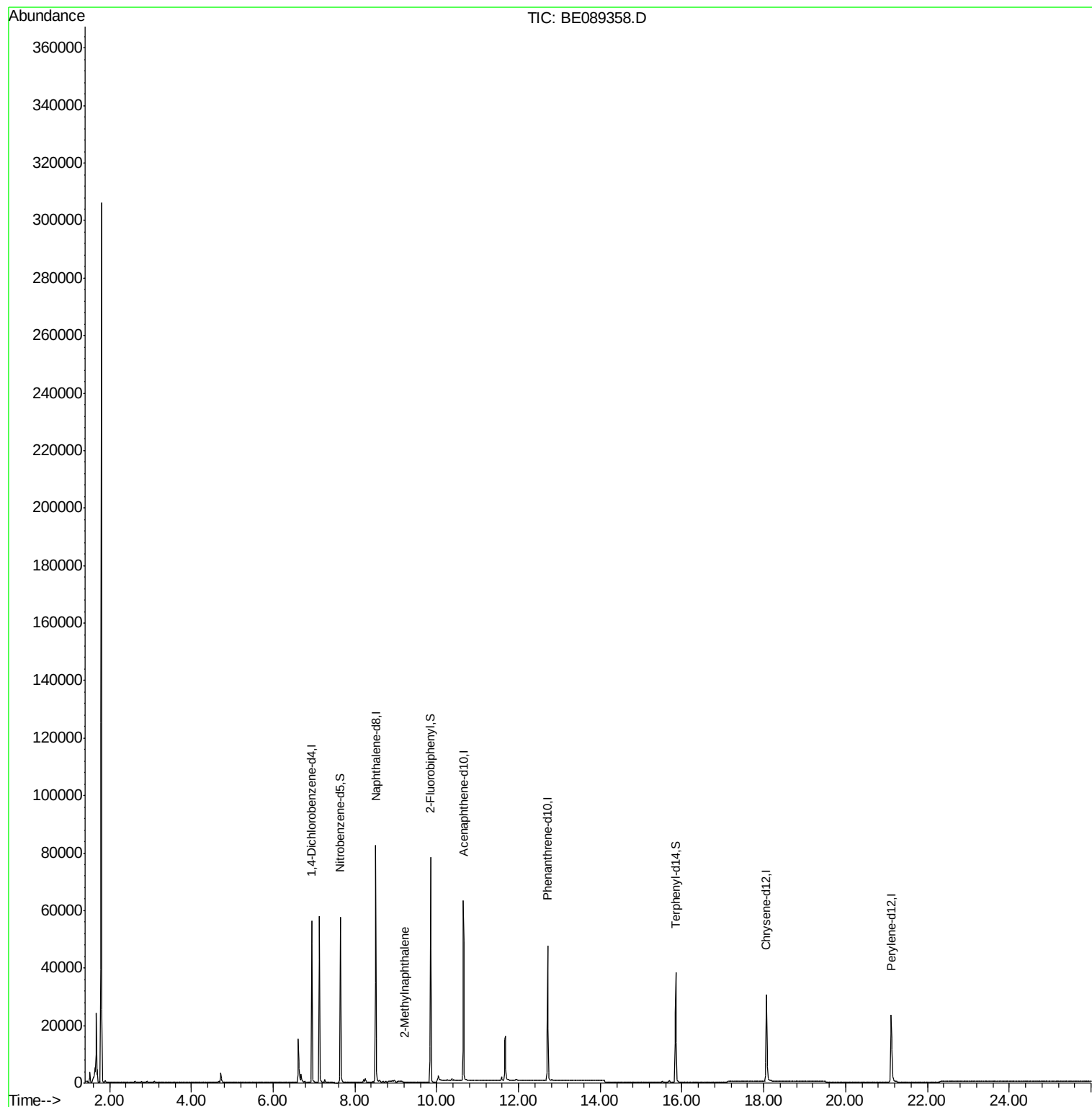
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	18087	5.00	ng	0.00
2) Naphthalene-d8	8.51	136	69691	5.00	ng	0.00
6) Acenaphthene-d10	10.65	164	33267	5.00	ng	0.00
11) Phenanthrene-d10	12.72	188	53216	5.00	ng	0.00
15) Chrysene-d12	18.06	240	39108	5.00	ng	0.00
21) Perylene-d12	21.11	264	35556	5.00	ng	0.00
System Monitoring Compounds						
3) Nitrobenzene-d5	7.64	82	30892	6.38	ng	0.00
7) 2-Fluorobiphenyl	9.85	172	55697	6.14	ng	0.00
17) Terphenyl-d14	15.84	244	50892	7.35	ng	0.00
Target Compounds						
5) 2-Methylnaphthalene	9.21	142	228	0.02	ng	Qvalue # 1

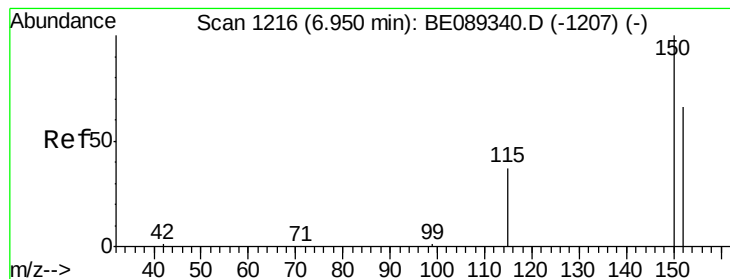
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 6.95 min Scan# 1215

Delta R.T. -0.00 min

Lab File: BE089358.D

Acq: 8 Jan 2015 10:49

Instrument :

BNA_E

ClientSampleId :

MW2

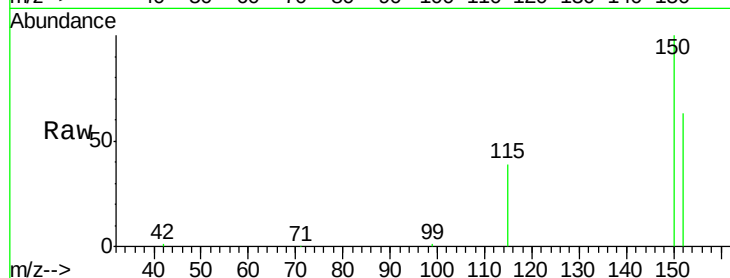
Tgt Ion:152 Resp: 18087

Ion Ratio Lower Upper

152 100

150 159.7 121.5 182.3

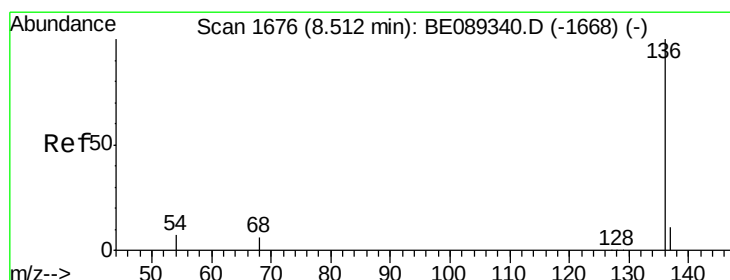
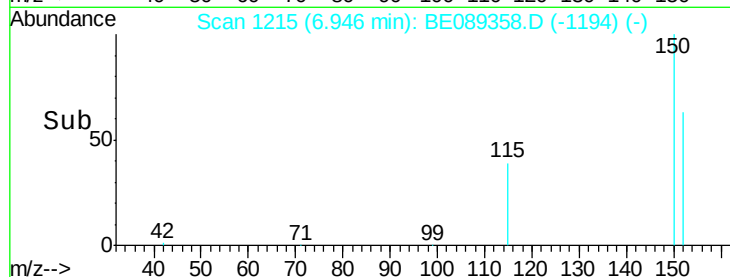
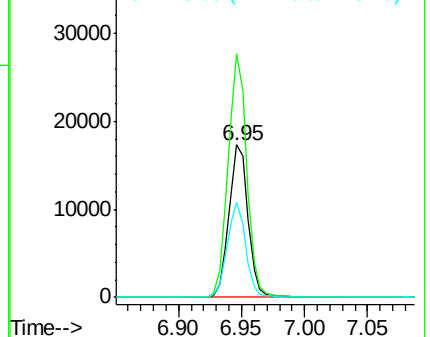
115 62.7 45.2 67.8



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



#2

Naphthalene-d8

Concen: 5.00 ng

RT: 8.51 min Scan# 1675

Delta R.T. -0.00 min

Lab File: BE089358.D

Acq: 8 Jan 2015 10:49

Tgt Ion:136 Resp: 69691

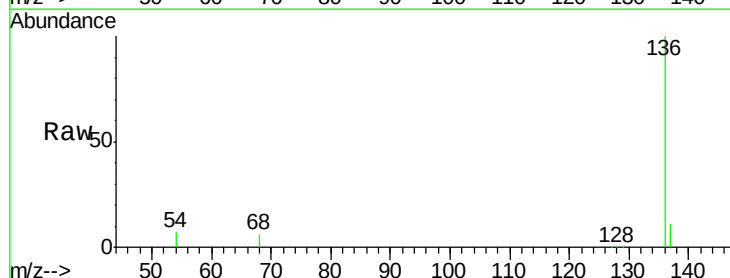
Ion Ratio Lower Upper

136 100

137 11.1 9.0 13.4

54 7.2 5.4 8.0

68 6.5 4.7 7.1

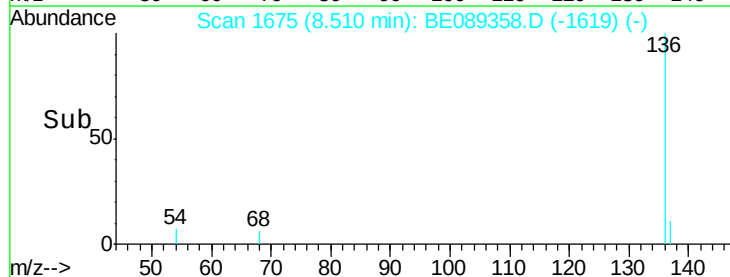
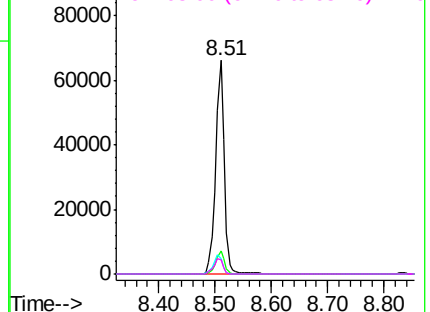


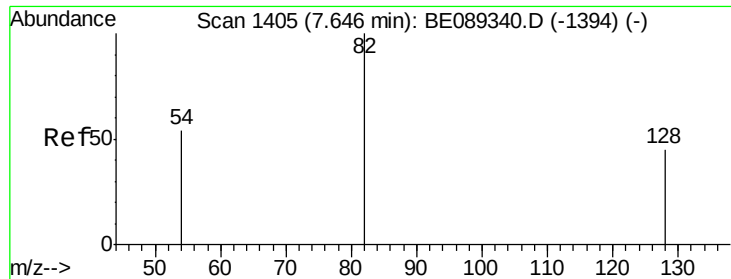
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0





#3

Nitrobenzene-d5

Concen: 6.38 ng

RT: 7.64 min Scan# 1404

Delta R.T. -0.00 min

Lab File: BE089358.D

Acq: 8 Jan 2015 10:49

Instrument :

BNA_E

ClientSampleId :

MW2

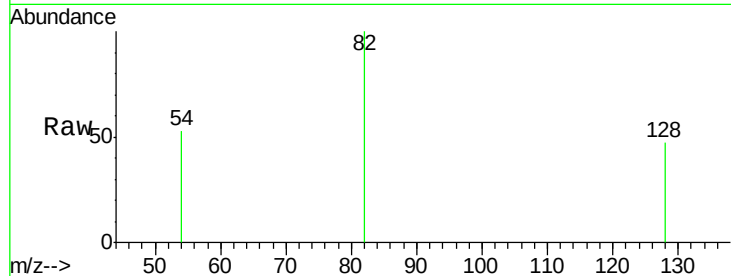
Tgt Ion: 82 Resp: 30892

Ion Ratio Lower Upper

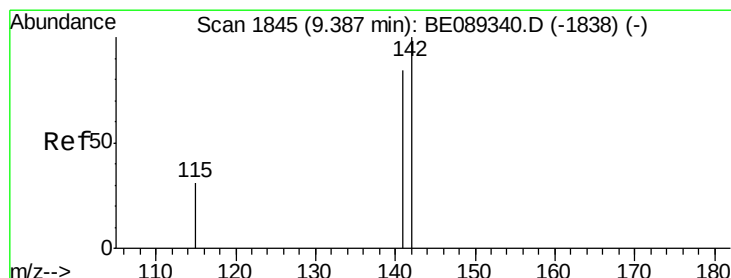
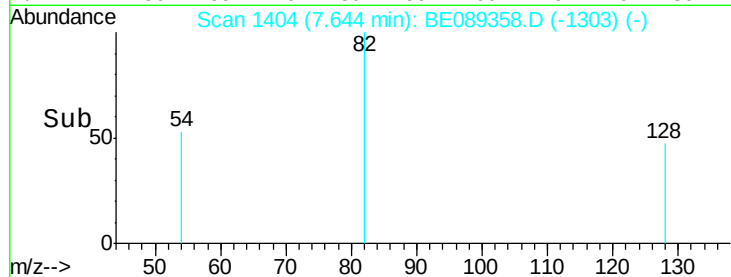
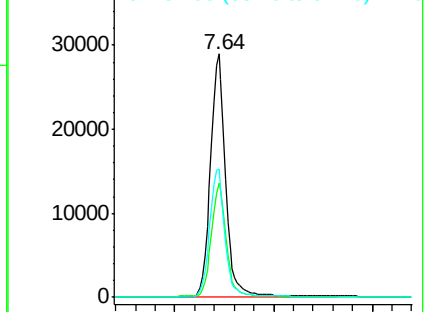
82 100

128 47.0 36.5 54.7

54 52.6 43.5 65.3



Abundance Ion 82.00 (81.70 to 82.70): BE0
Ion 128.00 (127.70 to 128.70): BE0
Ion 54.00 (53.70 to 54.70): BE0



#5

2-Methylnaphthalene

Concen: 0.02 ng

RT: 9.21 min Scan# 1805

Delta R.T. -0.18 min

Lab File: BE089358.D

Acq: 8 Jan 2015 10:49

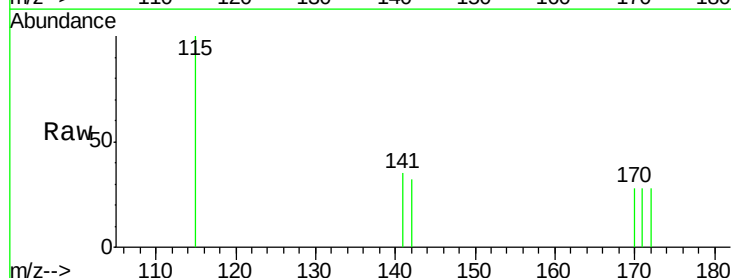
Tgt Ion: 142 Resp: 228

Ion Ratio Lower Upper

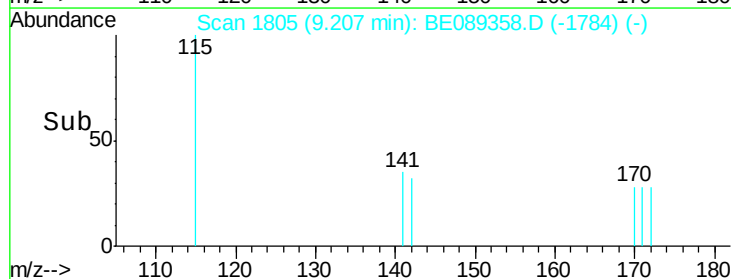
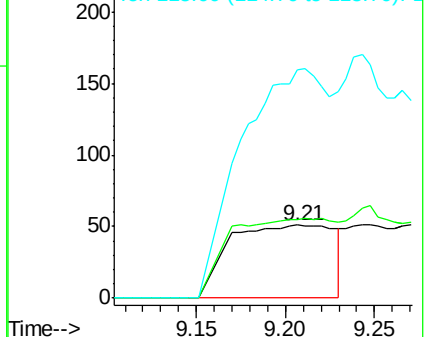
142 100

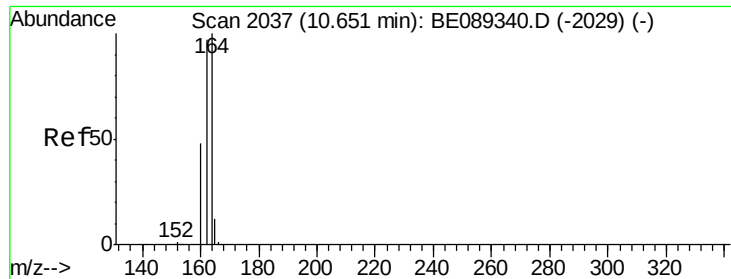
141 107.8 66.3 99.5#

115 311.8 25.2 37.8#



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E





#6

Acenaphthene-d10

Concen: 5.00 ng

RT: 10.65 min Scan# 2036

Delta R.T. -0.00 min

Lab File: BE089358.D

Acq: 8 Jan 2015 10:49

Instrument :

BNA_E

ClientSampleId :

MW2

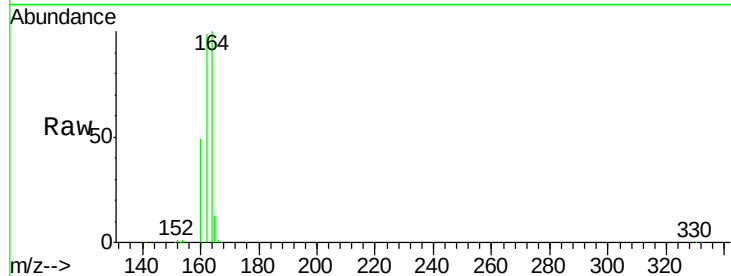
Tgt Ion:164 Resp: 33267

Ion Ratio Lower Upper

164 100

162 99.0 77.4 116.2

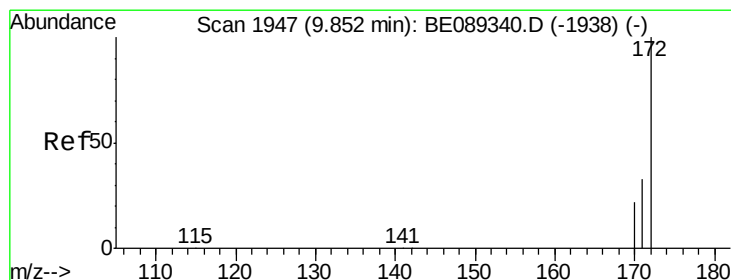
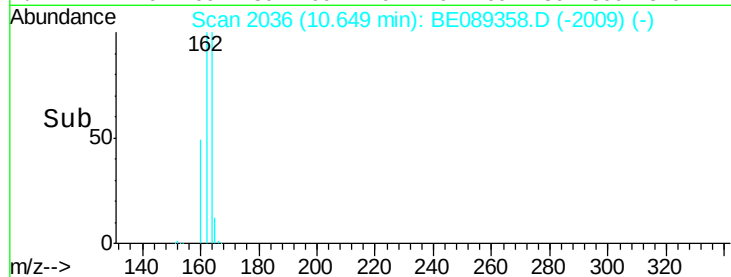
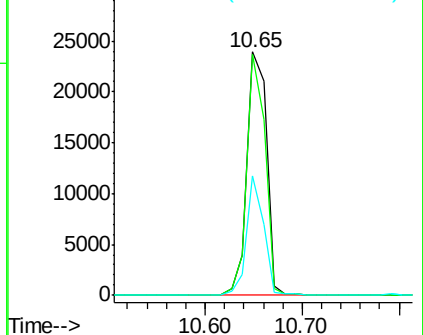
160 48.9 38.2 57.4



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



#7

2-Fluorobiphenyl

Concen: 6.14 ng

RT: 9.85 min Scan# 1947

Delta R.T. 0.00 min

Lab File: BE089358.D

Acq: 8 Jan 2015 10:49

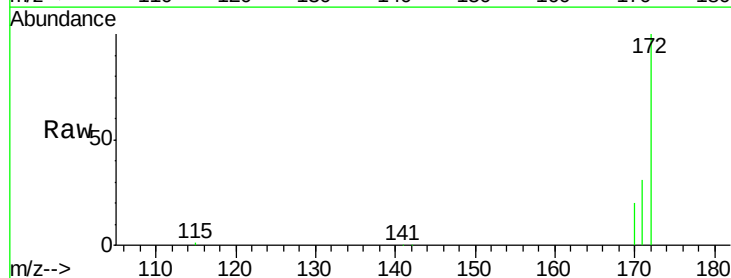
Tgt Ion:172 Resp: 55697

Ion Ratio Lower Upper

172 100

171 30.9 26.4 39.6

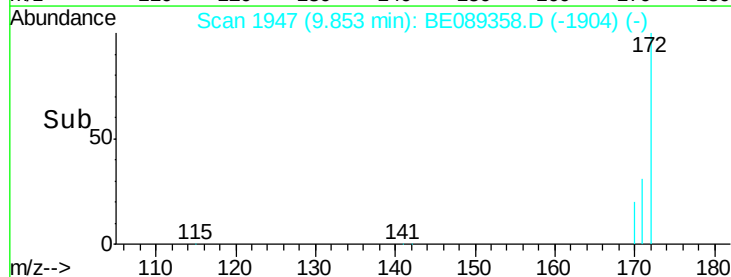
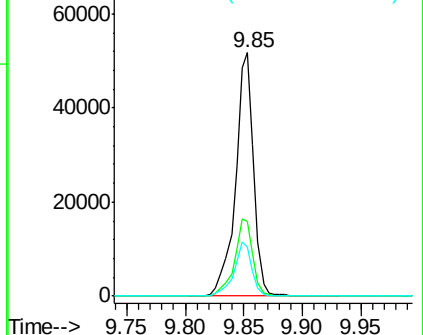
170 20.2 18.0 27.0

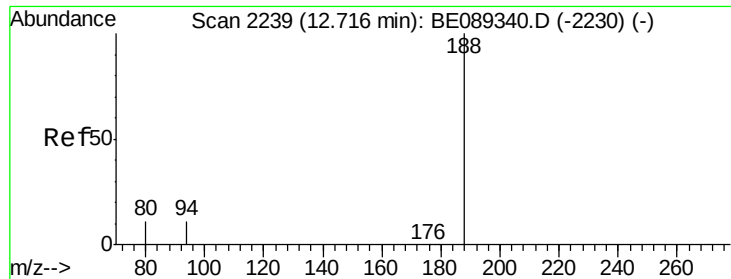


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

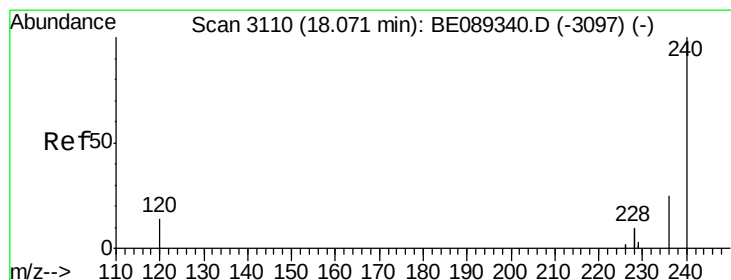
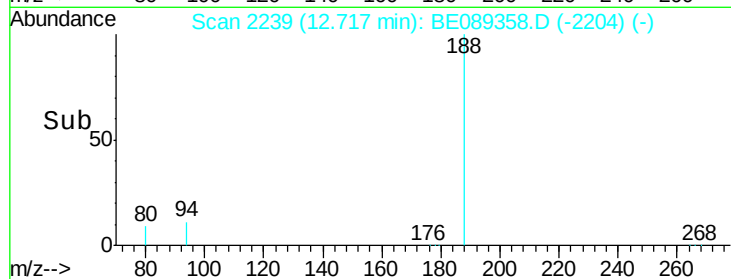
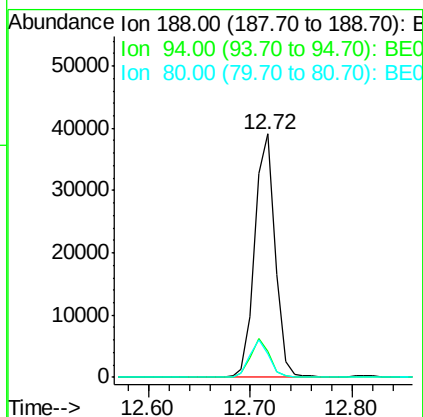
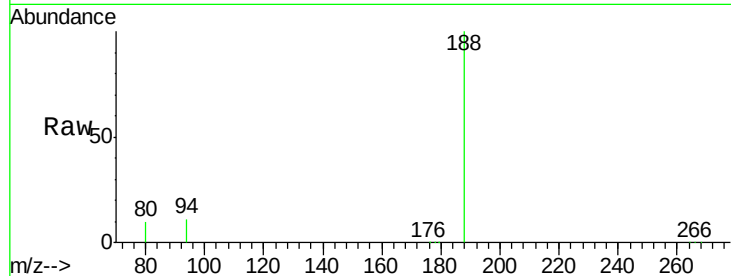




#11
Phenanthrene-d10
Concen: 5.00 ng
RT: 12.72 min Scan# 2239
Delta R.T. 0.00 min
Lab File: BE089358.D
Acq: 8 Jan 2015 10:49

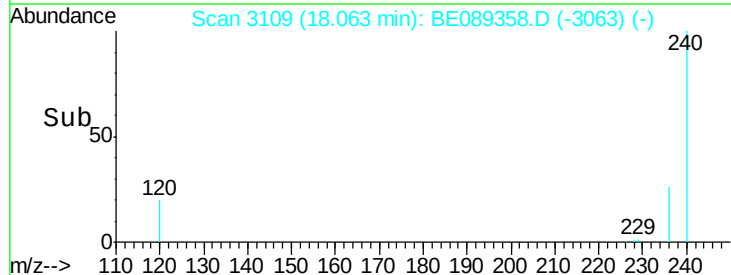
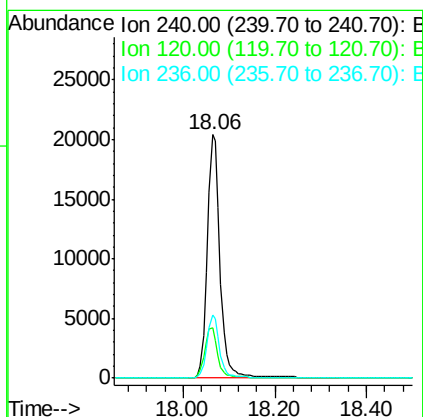
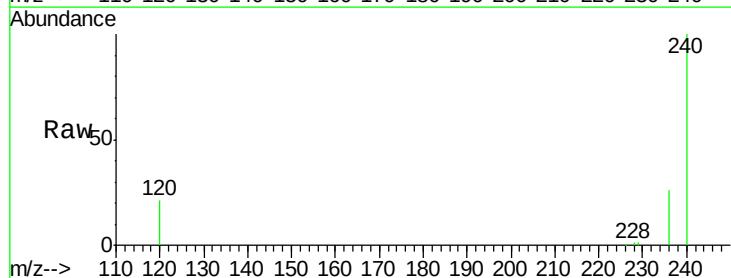
Instrument :
BNA_E
ClientSampleId :
MW2

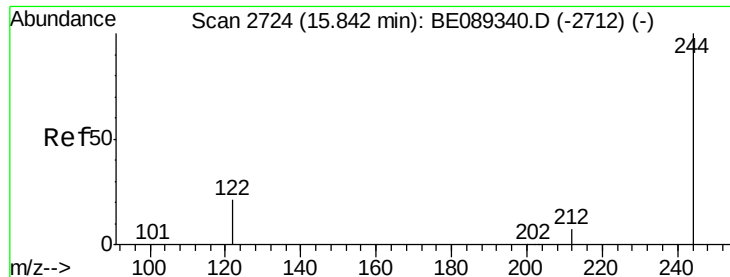
Tgt Ion:188 Resp: 53216
Ion Ratio Lower Upper
188 100
94 10.7 11.0 12.2#
80 9.5 10.1 11.1#



#15
Chrysene-d12
Concen: 5.00 ng
RT: 18.06 min Scan# 3109
Delta R.T. -0.01 min
Lab File: BE089358.D
Acq: 8 Jan 2015 10:49

Tgt Ion:240 Resp: 39108
Ion Ratio Lower Upper
240 100
120 20.6 11.8 17.6#
236 26.0 20.0 30.0

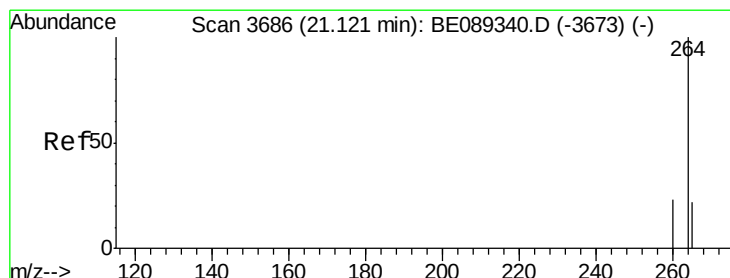
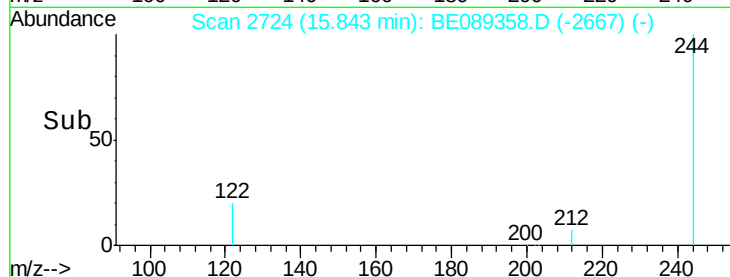
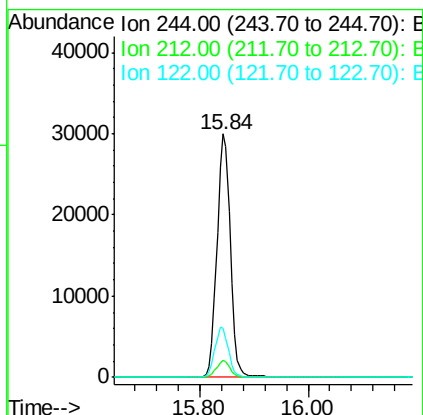
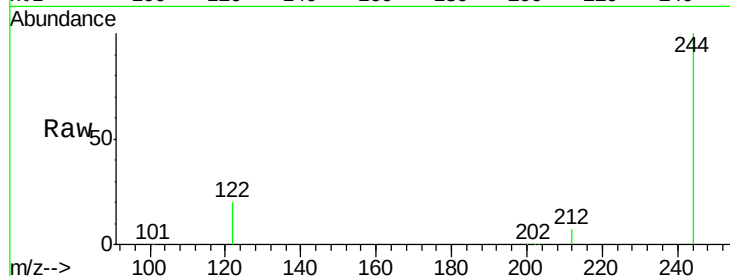




#17
 Terphenyl-d14
 Concen: 7.35 ng
 RT: 15.84 min Scan# 2724
 Delta R.T. 0.00 min
 Lab File: BE089358.D
 Acq: 8 Jan 2015 10:49

Instrument :
 BNA_E
 ClientSampleId :
 MW2

Tgt Ion:244 Resp: 50892
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.3 9.5
 122 20.3 17.7 26.5



#21
 Perylene-d12
 Concen: 5.00 ng
 RT: 21.11 min Scan# 3685
 Delta R.T. -0.01 min
 Lab File: BE089358.D
 Acq: 8 Jan 2015 10:49

Tgt Ion:264 Resp: 35556
 Ion Ratio Lower Upper
 264 100
 260 23.9 18.9 28.3
 265 21.6 17.4 26.2

