

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 15:59:32 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	R.T.	QIon	Response	Conc	Units	Dev(Min)
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

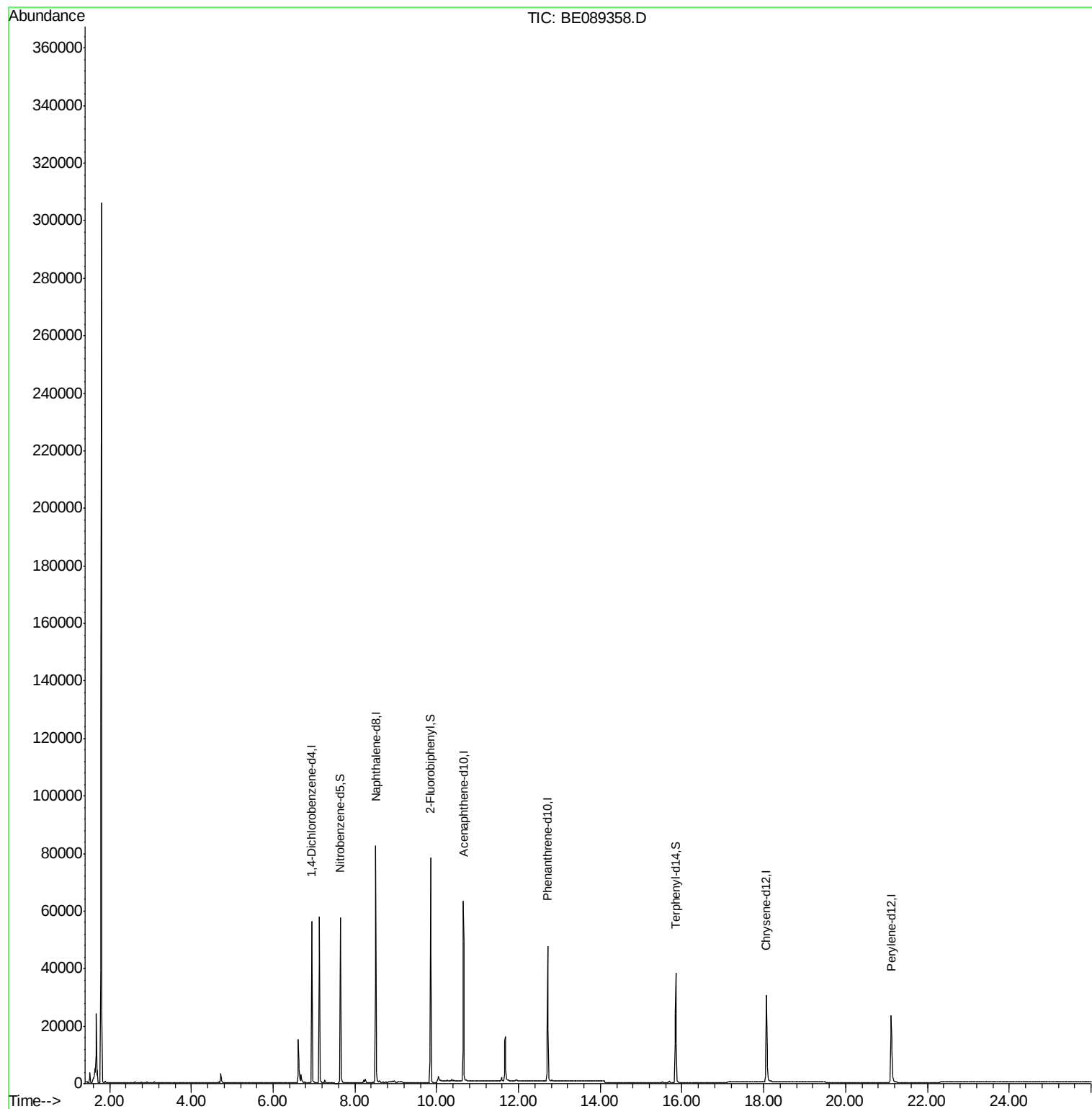
Target Compounds	Qvalue
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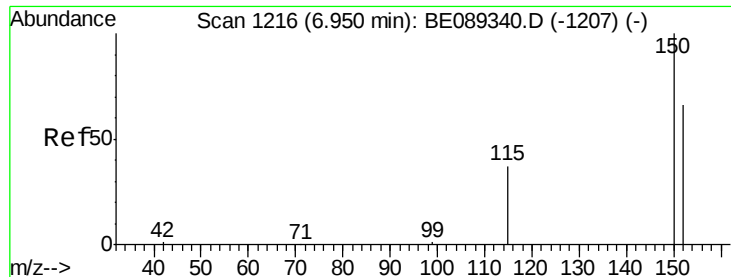
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 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

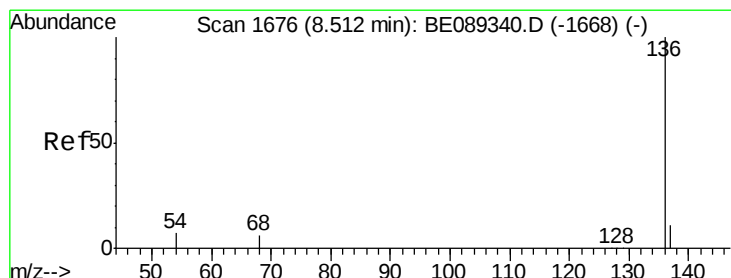
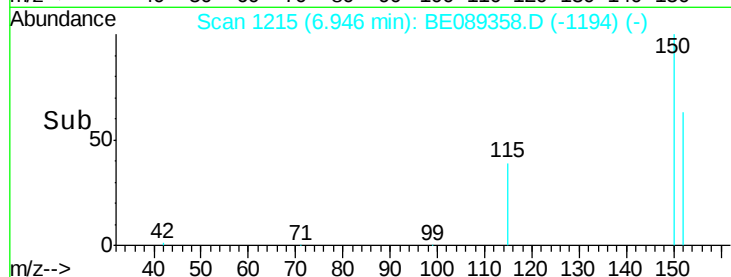
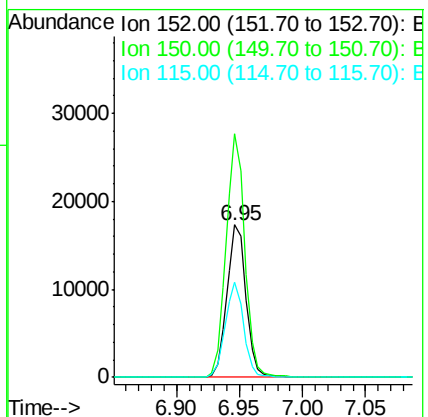
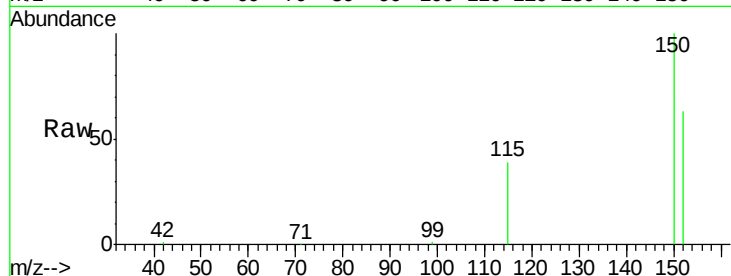
Tgt Ion:152 Resp: 18087

Ion Ratio Lower Upper

152 100

150 159.7 121.5 182.3

115 62.7 45.2 67.8



#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

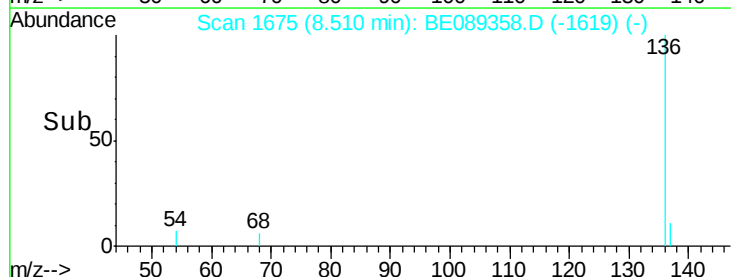
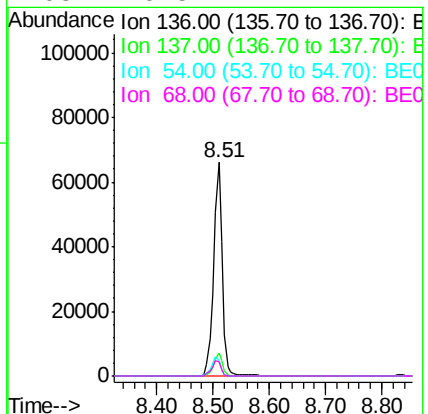
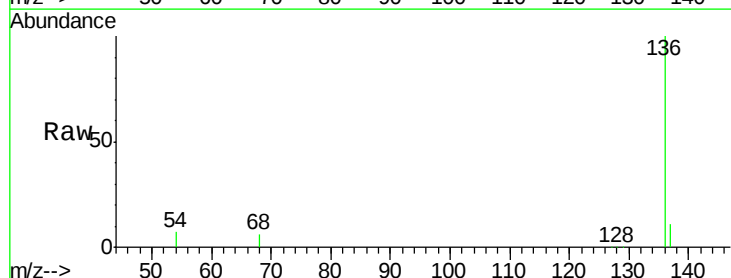
Ion Ratio Lower Upper

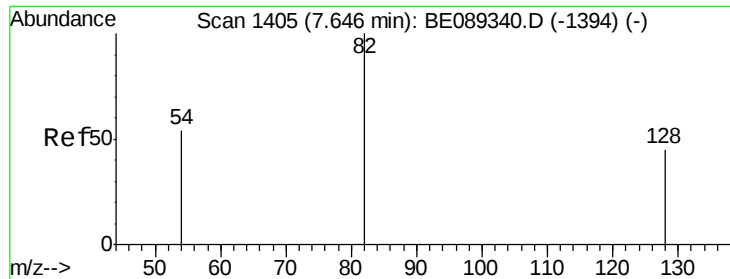
136 100

137 11.1 9.0 13.4

54 7.2 5.4 8.0

68 6.5 4.7 7.1





#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

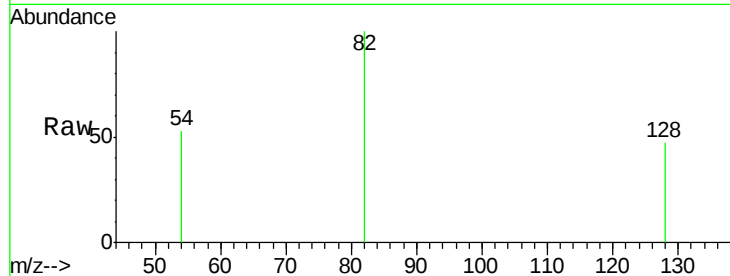
Tgt Ion: 82 Resp: 30892

Ion Ratio Lower Upper

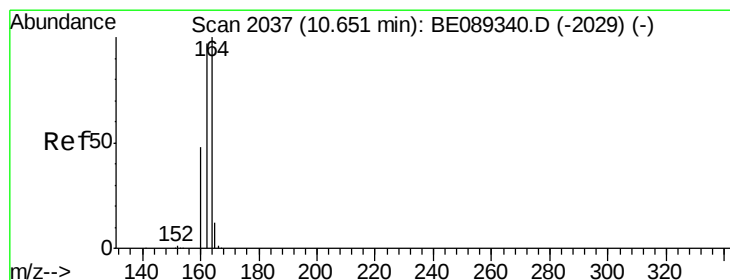
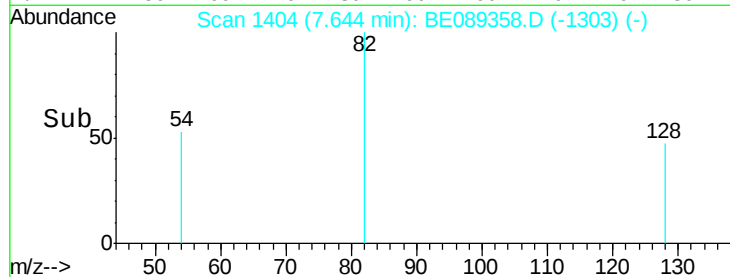
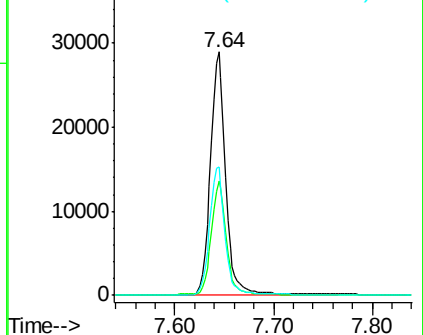
82 100

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



#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

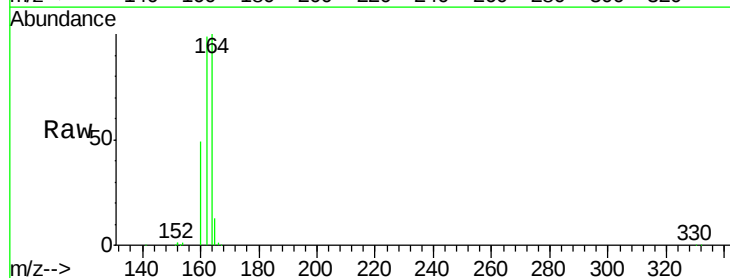
Tgt Ion: 164 Resp: 33267

Ion Ratio Lower Upper

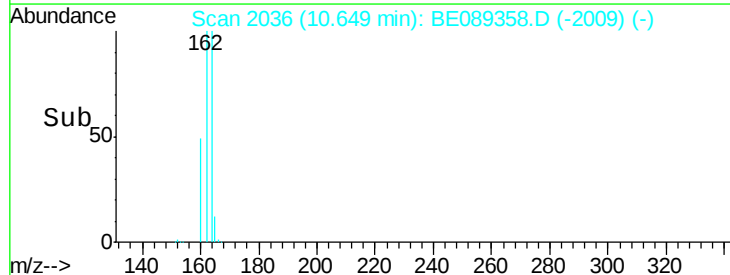
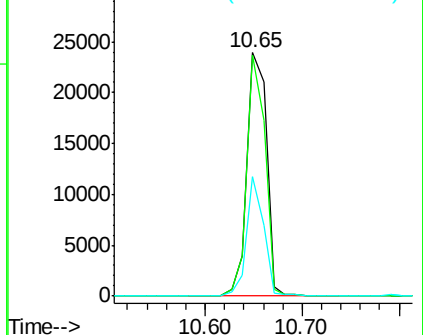
164 100

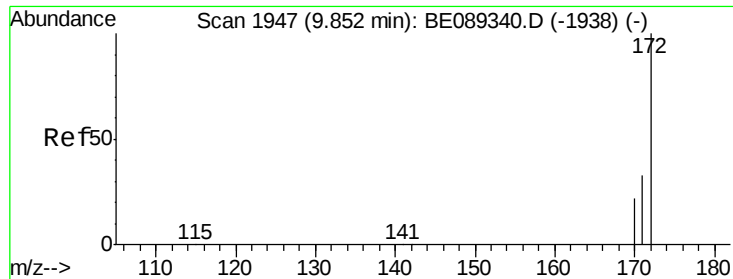
162 99.0 77.4 116.2

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

Instrument :

BNA_E

ClientSampleId :

MW2

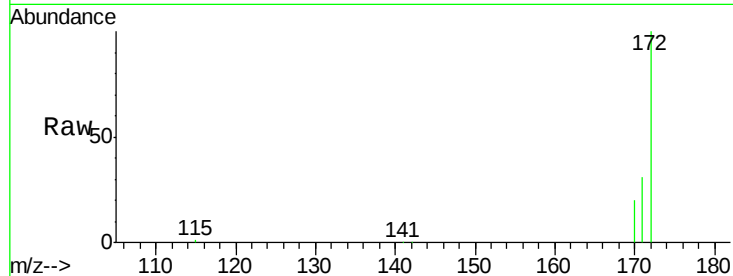
Tgt Ion:172 Resp: 55697

Ion Ratio Lower Upper

172 100

171 30.9 26.4 39.6

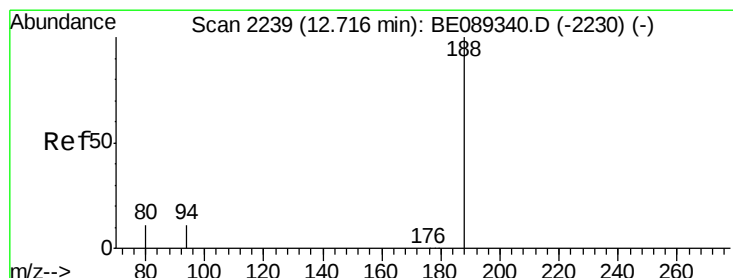
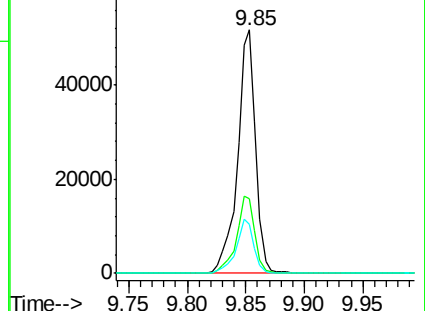
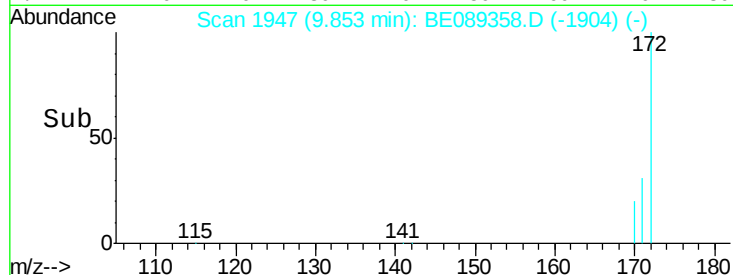
170 20.2 18.0 27.0



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

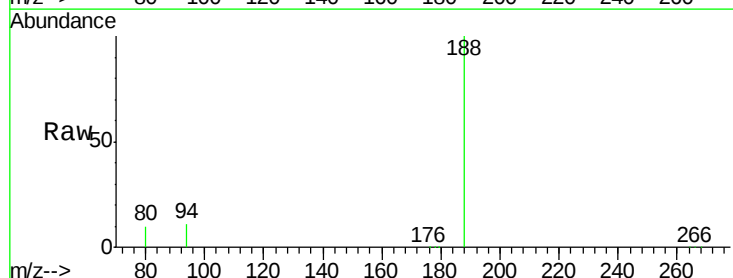
Tgt Ion:188 Resp: 53216

Ion Ratio Lower Upper

188 100

94 10.7 11.0 12.2#

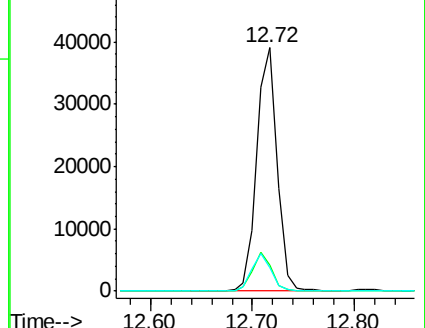
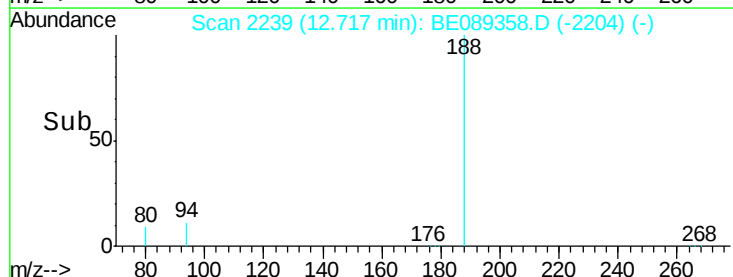
80 9.5 10.1 11.1#

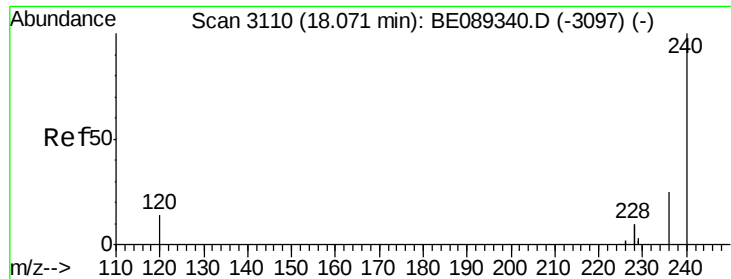


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0

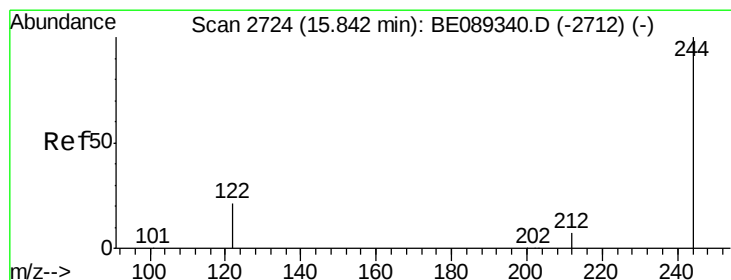
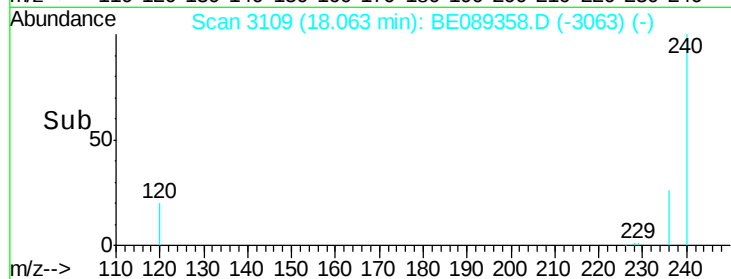
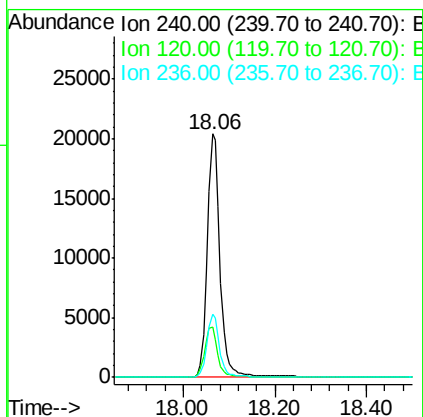
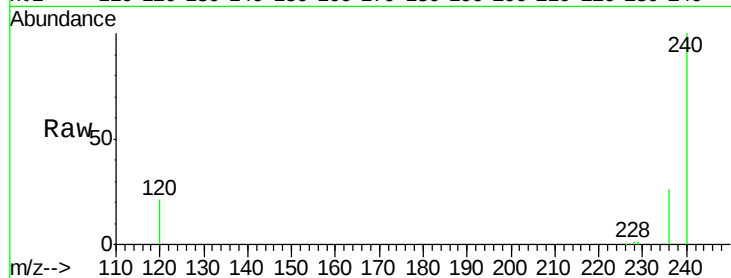




#15
 Chrysene-d12
 Concen: 5.00 ng
 RT: 18.06 min Scan# 3109
 Delta R.T. -0.01 min
 Lab File: BE089358.D
 Acq: 8 Jan 2015 10:49

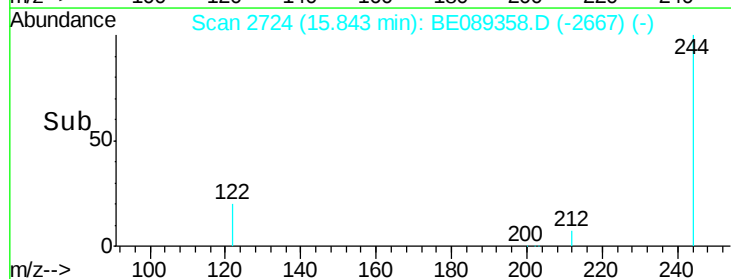
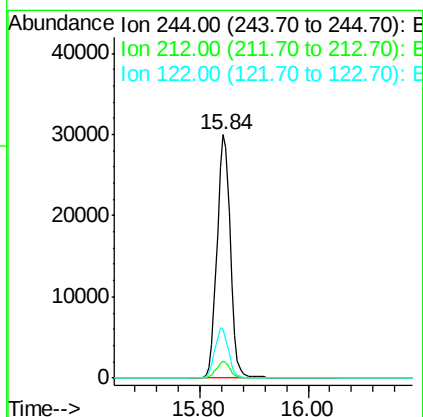
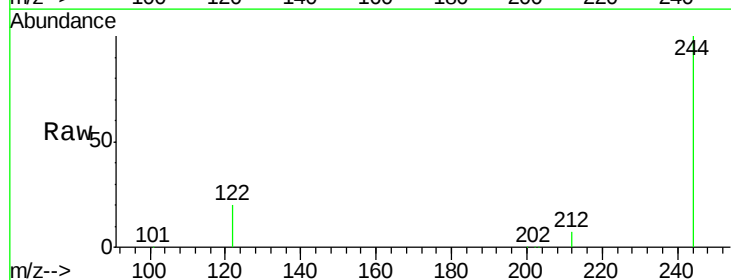
Instrument :
 BNA_E
 ClientSampleId :
 MW2

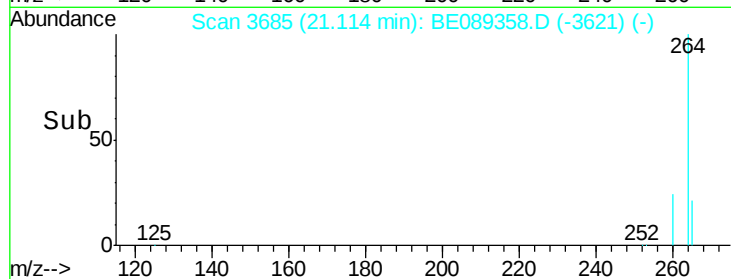
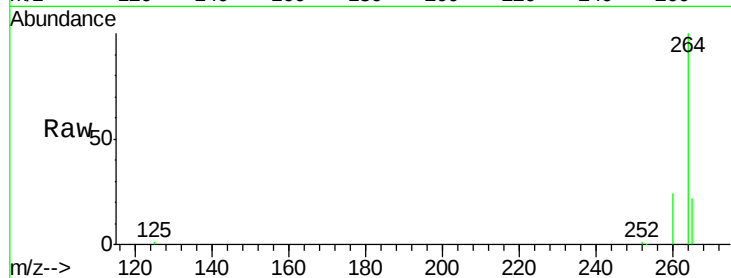
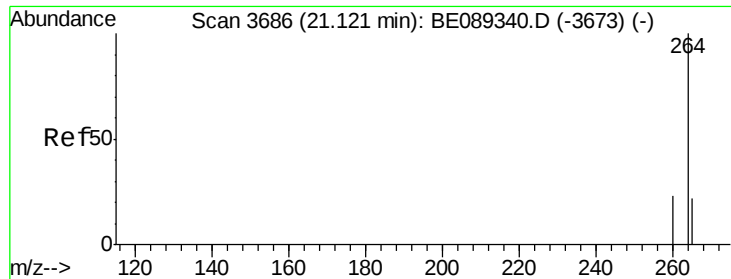
Tgt Ion:240 Resp: 39108
 Ion Ratio Lower Upper
 240 100
 120 20.6 11.8 17.6#
 236 26.0 20.0 30.0



#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

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

Instrument :

BNA_E

ClientSampleId :

MW2

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

