

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE010715\
 Data File : BE089359.D
 Acq On : 8 Jan 2015 11:22
 Operator : TP/IZ
 Sample : G1011-03
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 MW3

Quant Time: Jan 08 16:00:29 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

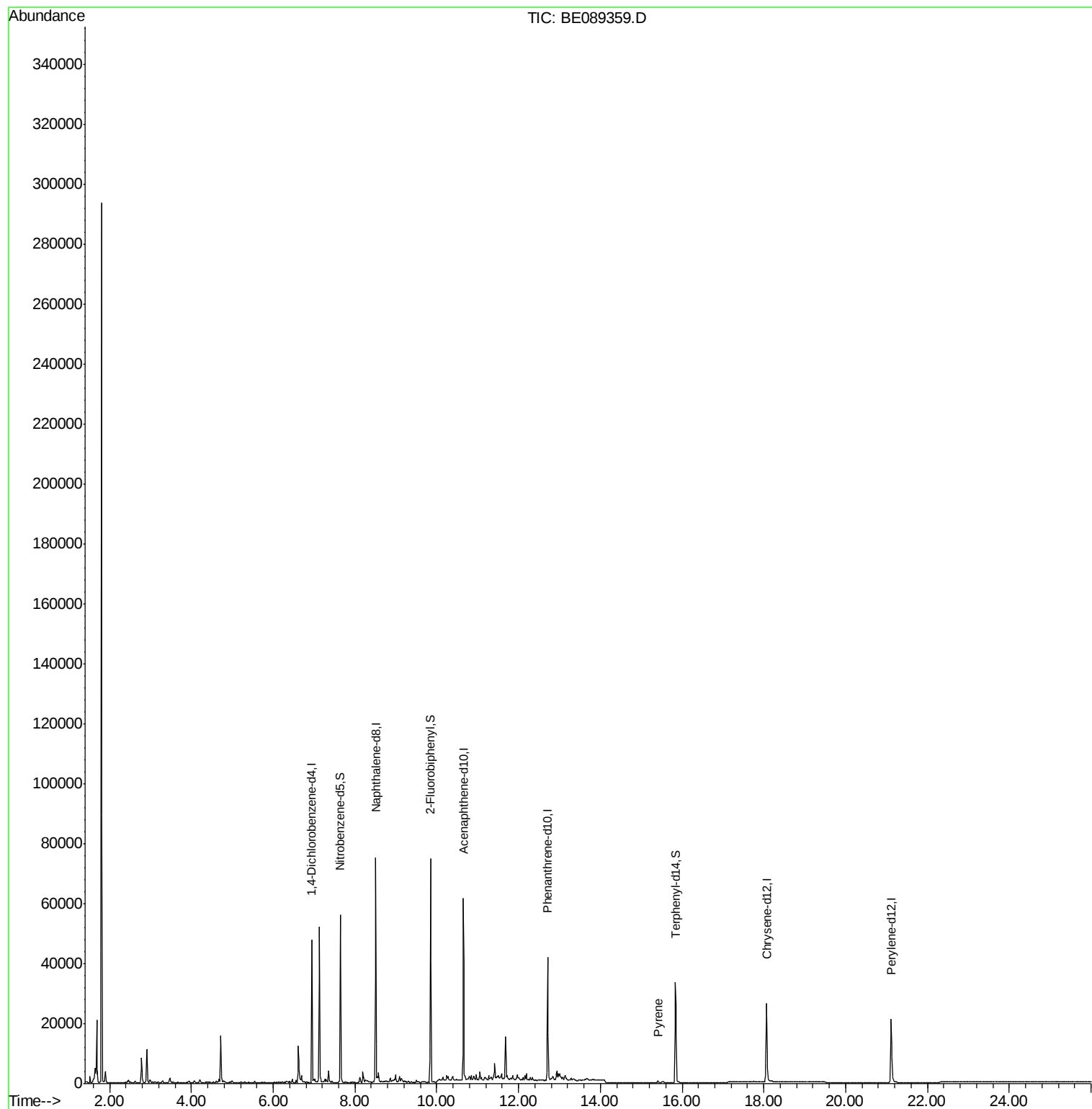
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	16072	5.00	ng	0.00
2) Naphthalene-d8	8.51	136	61226	5.00	ng	0.00
6) Acenaphthene-d10	10.65	164	29511	5.00	ng	0.00
11) Phenanthrene-d10	12.72	188	46729	5.00	ng	0.00
15) Chrysene-d12	18.06	240	34615	5.00	ng	0.00
21) Perylene-d12	21.12	264	31400	5.00	ng	0.00
System Monitoring Compounds						
3) Nitrobenzene-d5	7.65	82	28816	6.77	ng	0.00
7) 2-Fluorobiphenyl	9.85	172	51869	6.45	ng	0.00
17) Terphenyl-d14	15.85	244	45741	7.46	ng	0.00
Target Compounds						
16) Pyrene	15.41	202	591	0.05	ng	Qvalue # 78

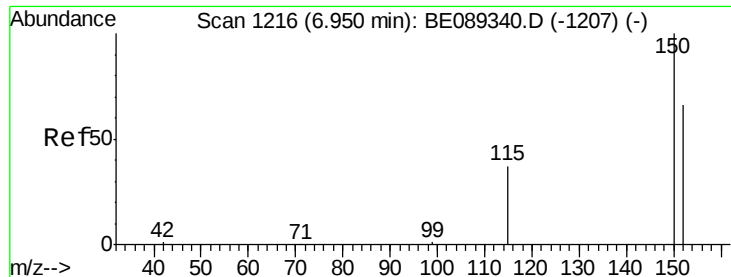
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 6.95 min Scan# 1216

Delta R.T. -0.00 min

Lab File: BE089359.D

Acq: 8 Jan 2015 11:22

Instrument :

BNA_E

ClientSampleId :

MW3

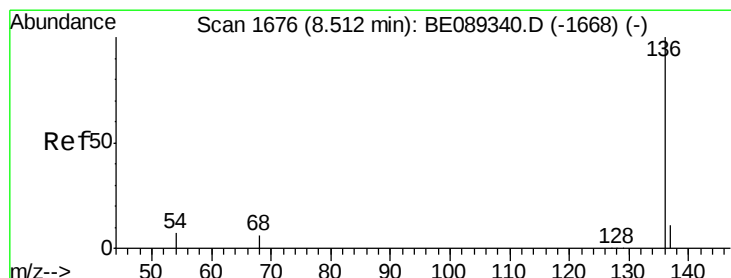
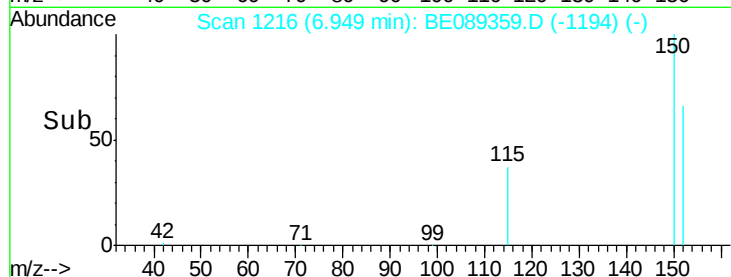
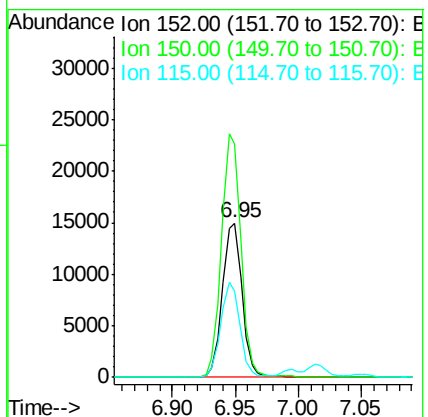
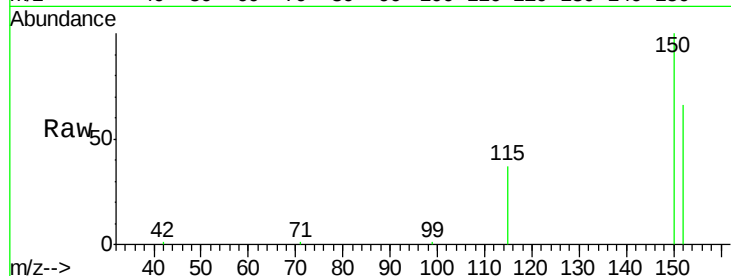
Tgt Ion:152 Resp: 16072

Ion Ratio Lower Upper

152 100

150 151.4 121.5 182.3

115 55.6 45.2 67.8



#2

Naphthalene-d8

Concen: 5.00 ng

RT: 8.51 min Scan# 1676

Delta R.T. -0.00 min

Lab File: BE089359.D

Acq: 8 Jan 2015 11:22

Tgt Ion:136 Resp: 61226

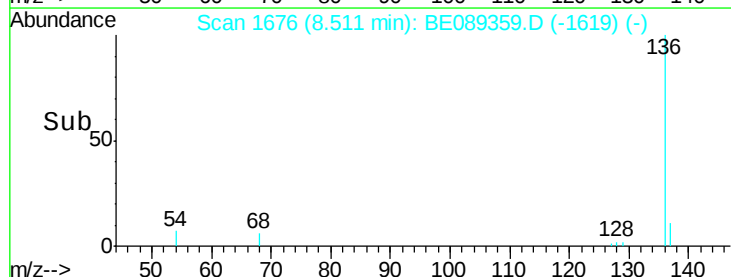
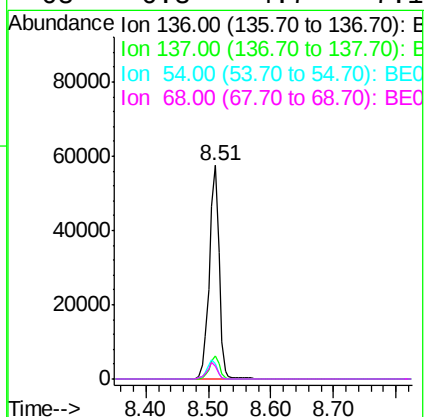
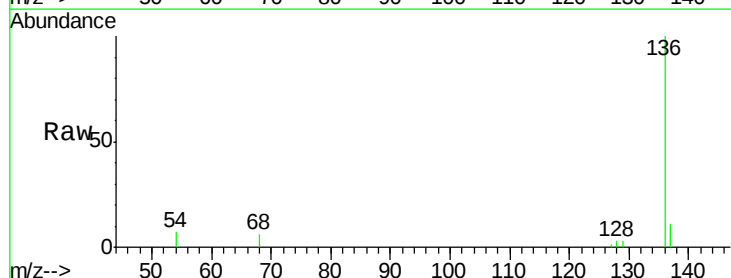
Ion Ratio Lower Upper

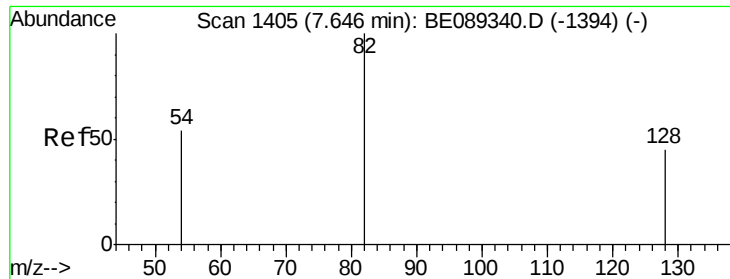
136 100

137 10.9 9.0 13.4

54 7.0 5.4 8.0

68 6.3 4.7 7.1





#3

Nitrobenzene-d5

Concen: 6.77 ng

RT: 7.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: BE089359.D

Acq: 8 Jan 2015 11:22

Instrument :

BNA_E

ClientSampleId :

MW3

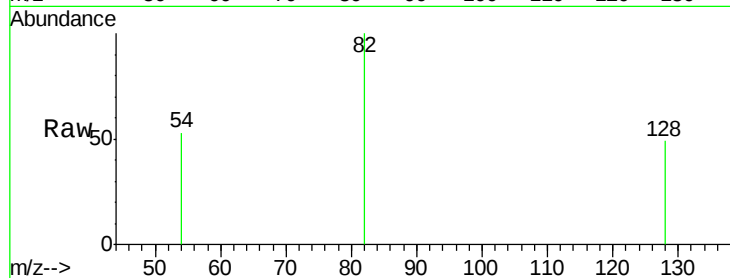
Tgt Ion: 82 Resp: 28816

Ion Ratio Lower Upper

82 100

128 48.9 36.5 54.7

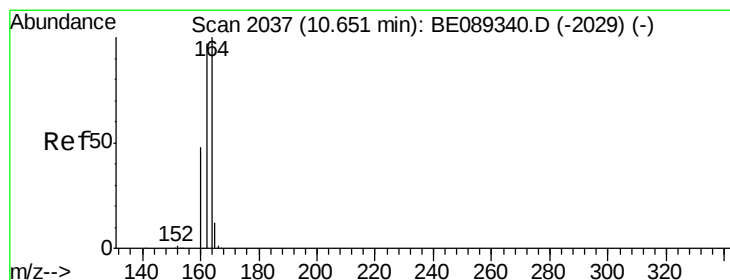
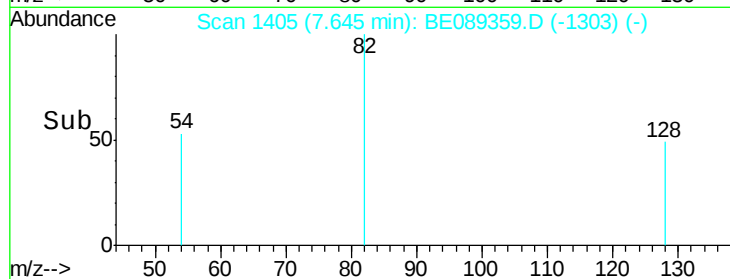
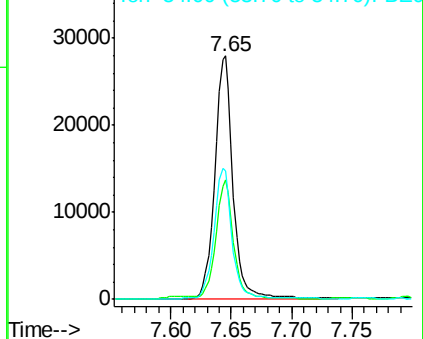
54 52.5 43.5 65.3



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: BE089359.D

Acq: 8 Jan 2015 11:22

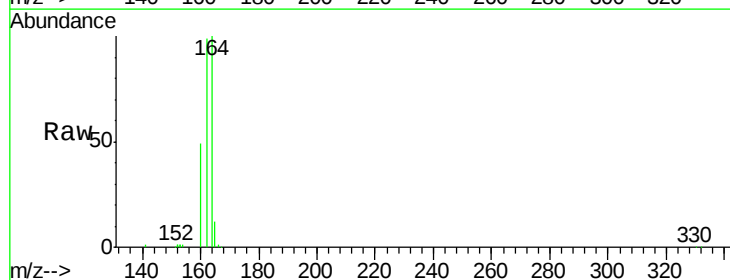
Tgt Ion: 164 Resp: 29511

Ion Ratio Lower Upper

164 100

162 99.4 77.4 116.2

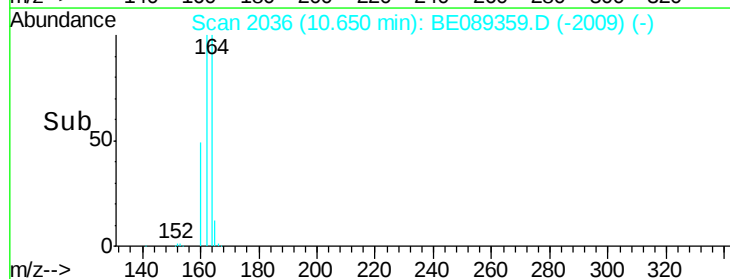
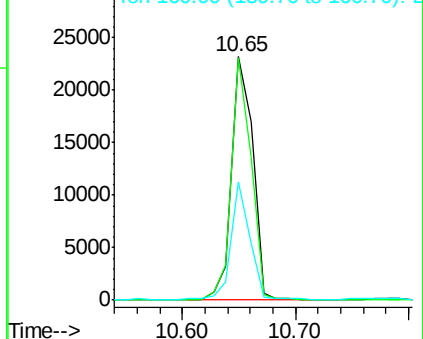
160 48.8 38.2 57.4

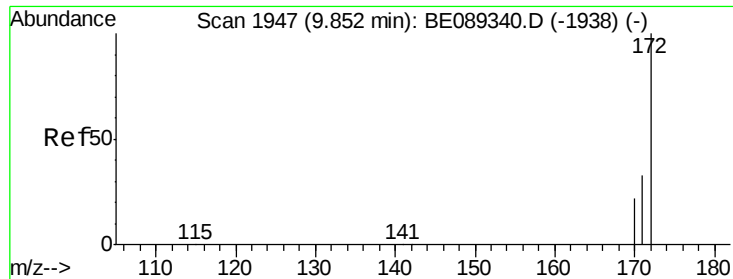


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#7

2-Fluorobiphenyl

Concen: 6.45 ng

RT: 9.85 min Scan# 1947

Delta R.T. 0.00 min

Lab File: BE089359.D

Acq: 8 Jan 2015 11:22

Instrument :

BNA_E

ClientSampleId :

MW3

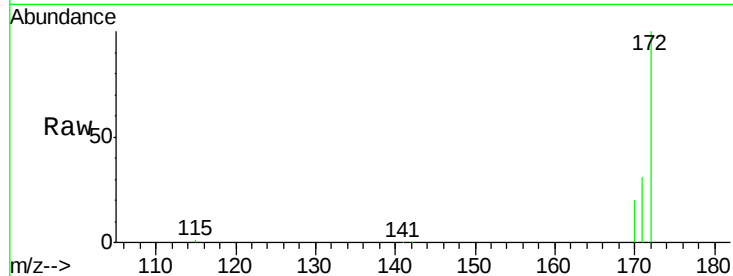
Tgt Ion:172 Resp: 51869

Ion Ratio Lower Upper

172 100

171 30.8 26.4 39.6

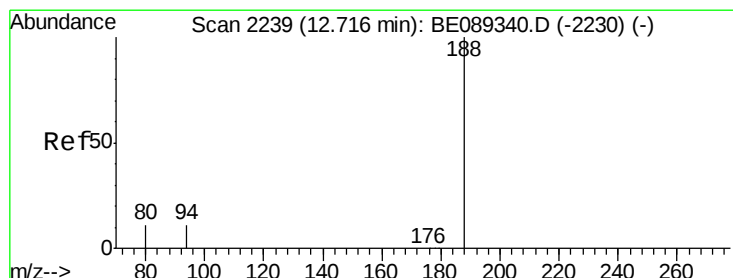
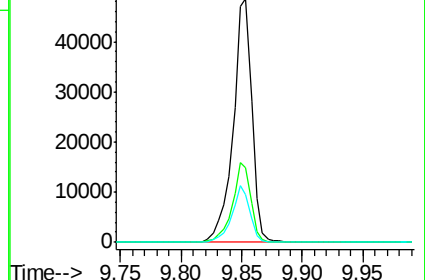
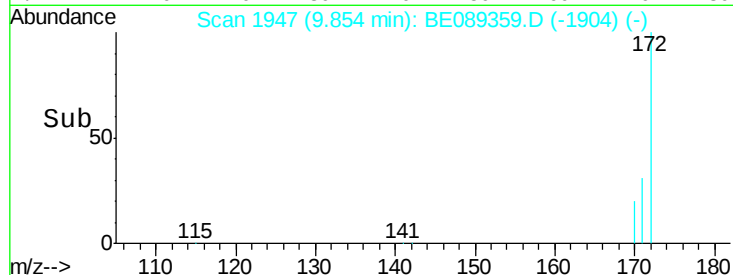
170 19.8 18.0 27.0



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: BE089359.D

Acq: 8 Jan 2015 11:22

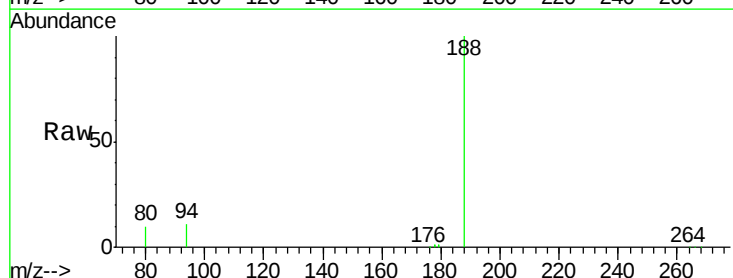
Tgt Ion:188 Resp: 46729

Ion Ratio Lower Upper

188 100

94 11.0 11.0 12.2

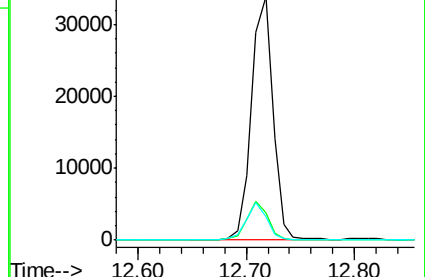
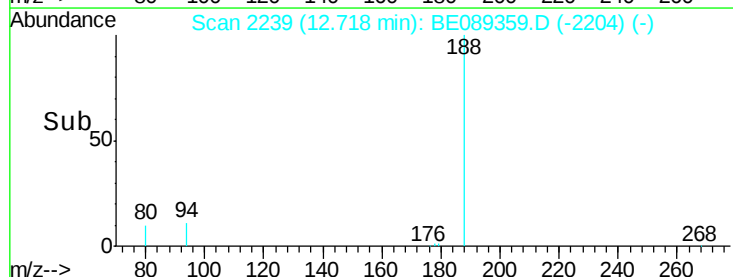
80 9.8 10.1 11.1#

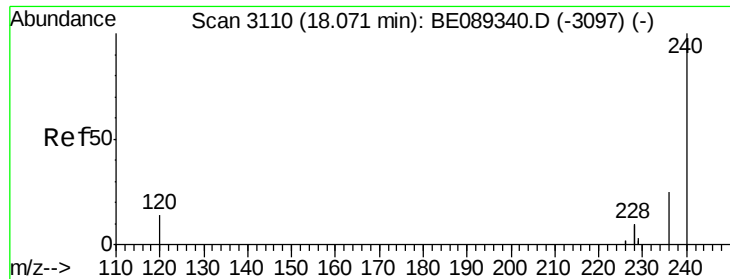


Abundance Ion 188.00 (187.70 to 188.70): E

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: BE089359.D

Acq: 8 Jan 2015 11:22

Instrument :

BNA_E

ClientSampleId :

MW3

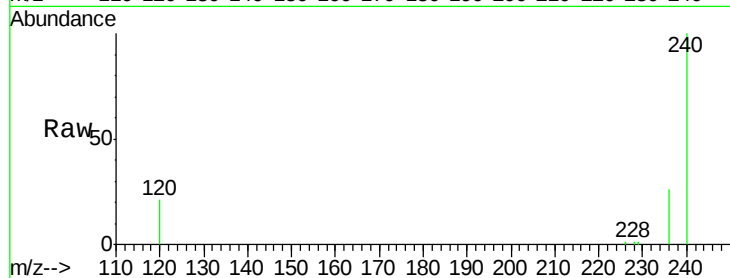
Tgt Ion:240 Resp: 34615

Ion Ratio Lower Upper

240 100

120 20.9 11.8 17.6#

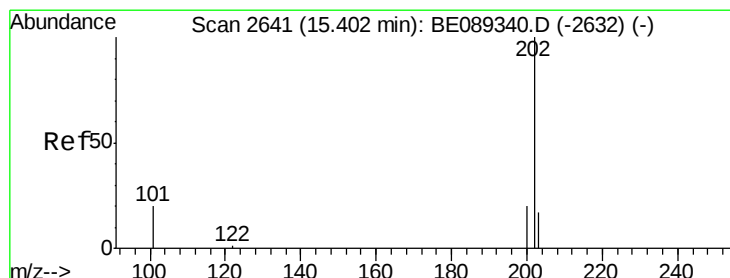
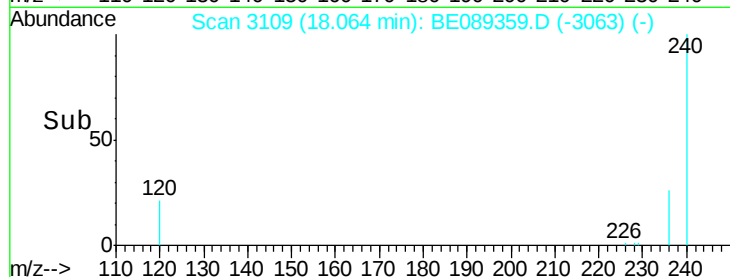
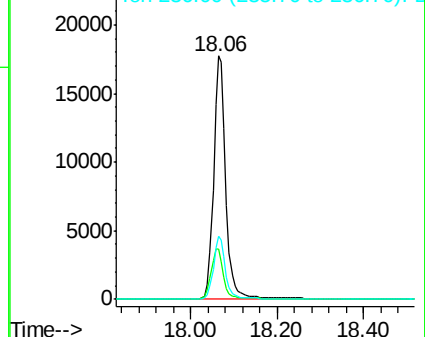
236 25.8 20.0 30.0



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



#16

Pyrene

Concen: 0.05 ng

RT: 15.41 min Scan# 2642

Delta R.T. 0.00 min

Lab File: BE089359.D

Acq: 8 Jan 2015 11:22

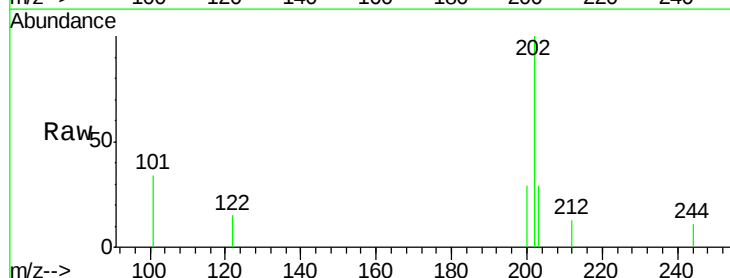
Tgt Ion:202 Resp: 591

Ion Ratio Lower Upper

202 100

200 29.4 16.8 25.2#

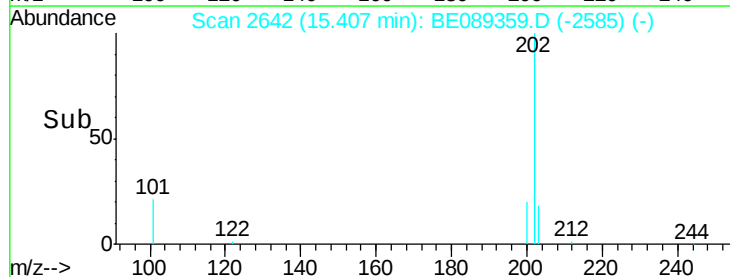
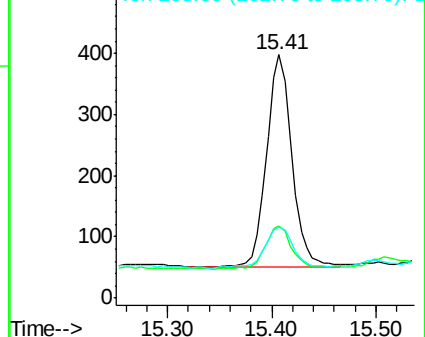
203 28.9 14.0 21.0#

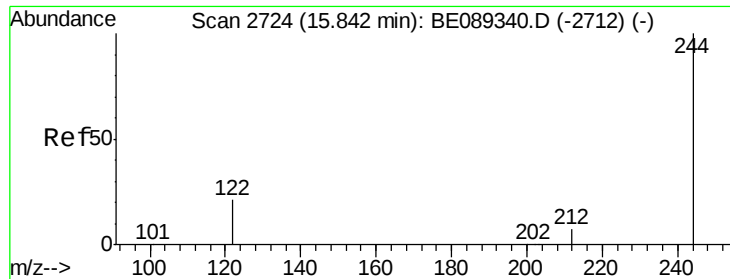


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

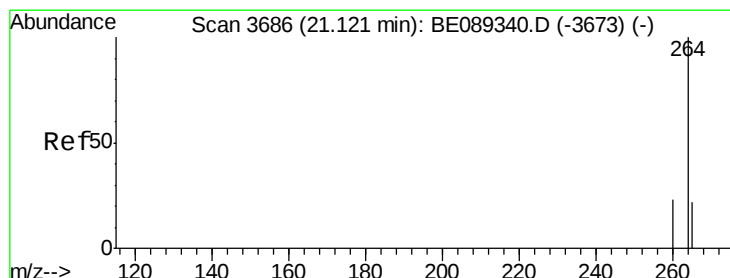
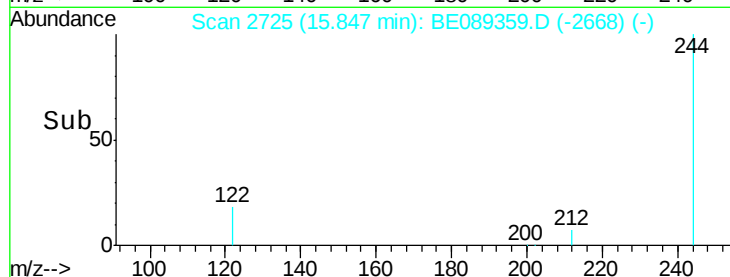
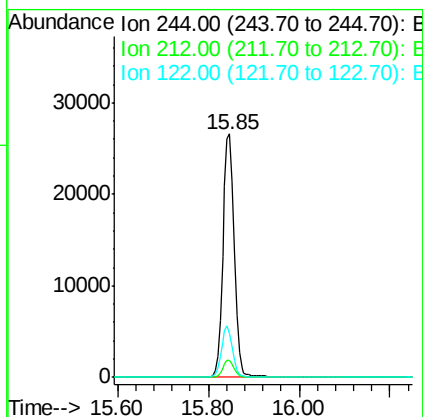
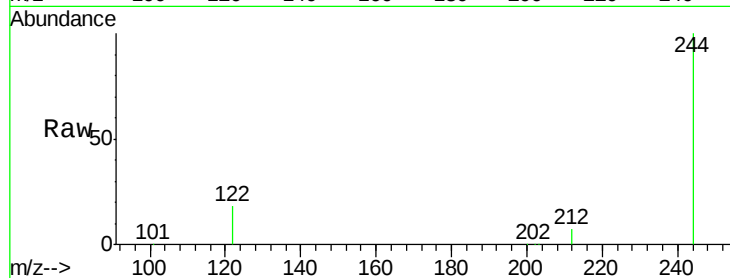




#17
 Terphenyl-d14
 Concen: 7.46 ng
 RT: 15.85 min Scan# 2725
 Delta R.T. 0.00 min
 Lab File: BE089359.D
 Acq: 8 Jan 2015 11:22

Instrument :
 BNA_E
 ClientSampleId :
 MW3

Tgt Ion:244 Resp: 45741
 Ion Ratio Lower Upper
 244 100
 212 6.8 6.3 9.5
 122 18.2 17.7 26.5



#21
 Perylene-d12
 Concen: 5.00 ng
 RT: 21.12 min Scan# 3685
 Delta R.T. -0.01 min
 Lab File: BE089359.D
 Acq: 8 Jan 2015 11:22

Tgt Ion:264 Resp: 31400
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.9 28.3
 265 21.6 17.4 26.2

