

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE021015\
 Data File : BE089561.D
 Acq On : 10 Feb 2015 23:00
 Operator : TP/IZ
 Sample : MDL-BLK-W
 Misc : MDL-BLK-WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 MDL-BLK-W

Quant Time: Feb 11 02:39:11 2015
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SIMPAH-BE021015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 11 01:27:13 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.42	152	73156	5.00	ng	0.00
2) Naphthalene-d8	12.32	136	279703	5.00	ng	0.00
6) Acenaphthene-d10	16.50	164	131820	5.00	ng	0.00
11) Phenanthrene-d10	19.84	188	235928	5.00	ng	0.00
16) Chrysene-d12	23.71	240	273492	5.00	ng	0.00
22) Perylene-d12	25.40	264	279435	5.00	ng	0.00
System Monitoring Compounds						
3) Nitrobenzene-d5	10.68	82	151456	8.45	ng	0.00
7) 2-Fluorobiphenyl	14.96	172	225768	6.32	ng	0.00
18) Terphenyl-d14	22.36	244	284363	8.35	ng	0.00

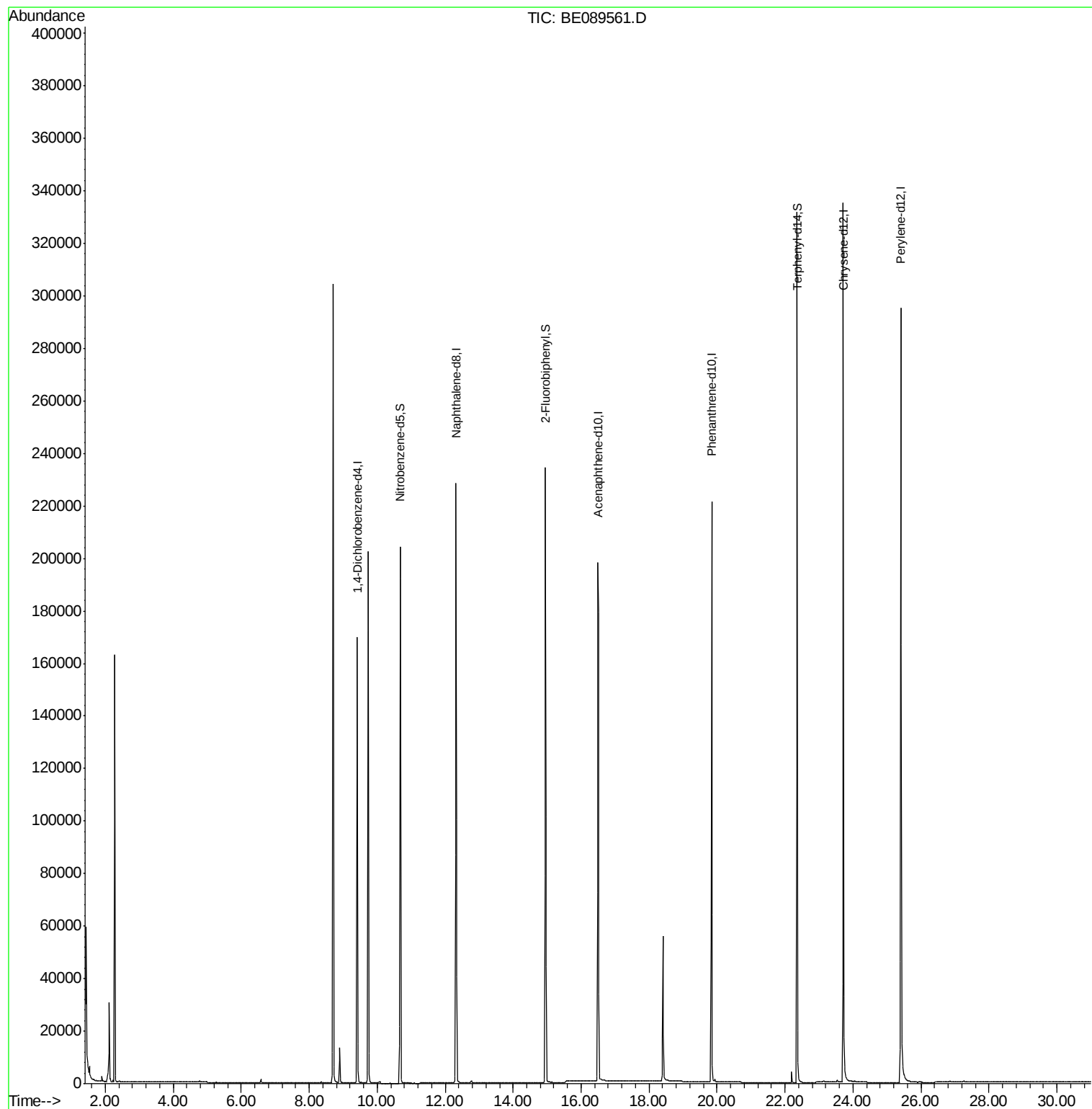
Target Compounds	Qvalue

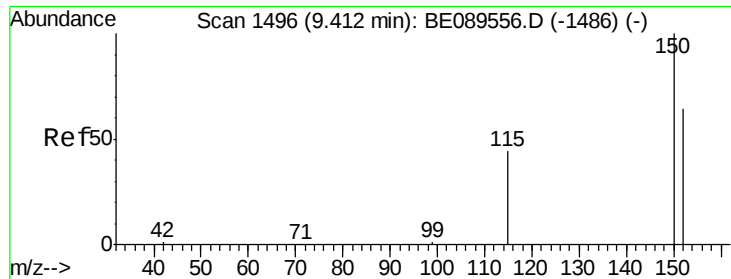
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 9.42 min Scan# 1496

Delta R.T. 0.00 min

Lab File: BE089561.D

Acq: 10 Feb 2015 23:00

Instrument :

BNA_E

ClientSampleId :

MDL-BLK-W

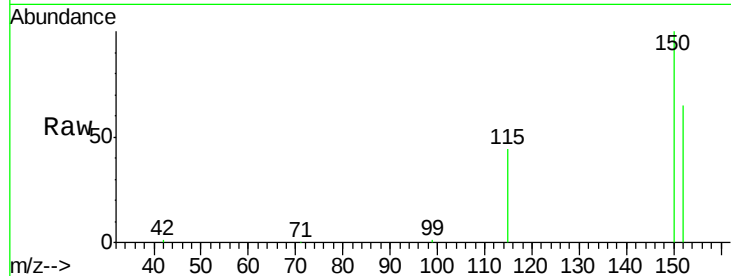
Tgt Ion:152 Resp: 73156

Ion Ratio Lower Upper

152 100

150 154.5 125.6 188.4

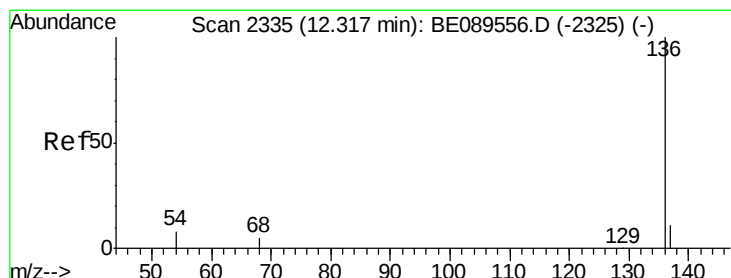
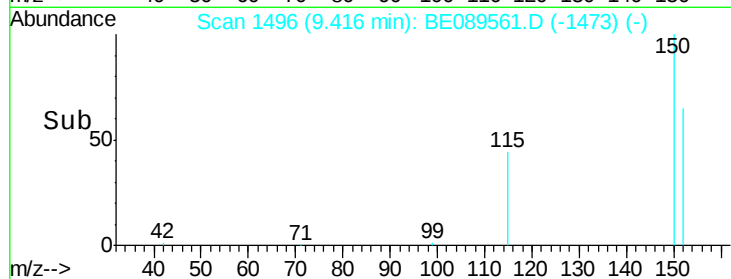
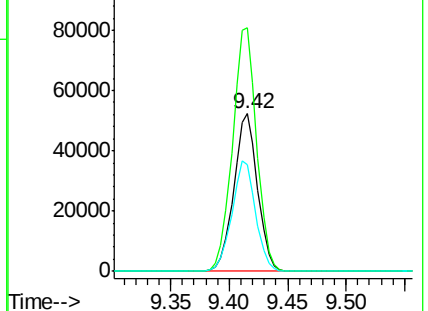
115 67.5 55.8 83.6



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: 12.32 min Scan# 2335

Delta R.T. 0.01 min

Lab File: BE089561.D

Acq: 10 Feb 2015 23:00

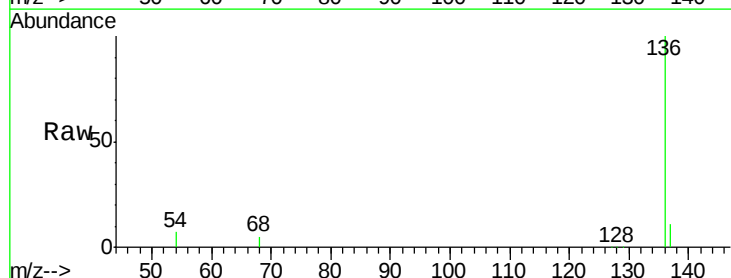
Tgt Ion:136 Resp: 279703

Ion Ratio Lower Upper

136 100

137 10.9 8.6 13.0

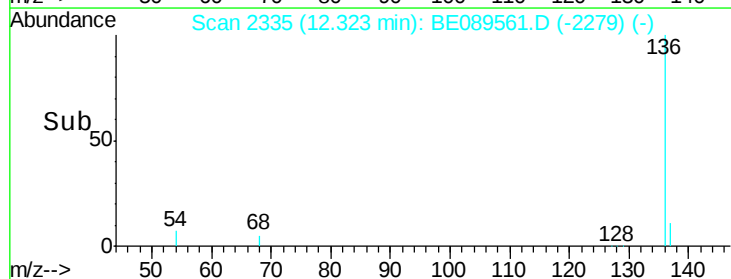
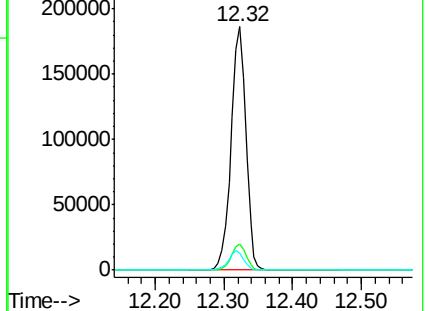
54 6.9 6.6 9.8

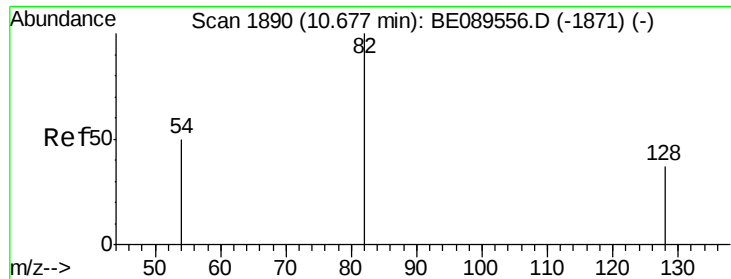


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0





#3

Nitrobenzene-d5

Concen: 8.45 ng

RT: 10.68 min Scan# 1891

Delta R.T. 0.00 min

Lab File: BE089561.D

Acq: 10 Feb 2015 23:00

Instrument :

BNA_E

ClientSampleId :

MDL-BLK-W

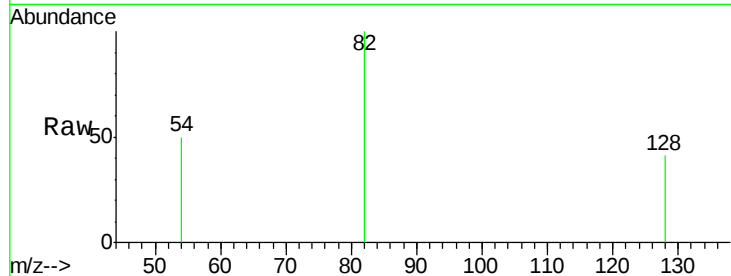
Tgt Ion: 82 Resp: 151456

Ion Ratio Lower Upper

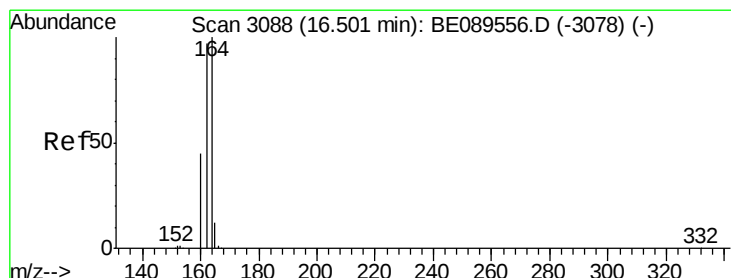
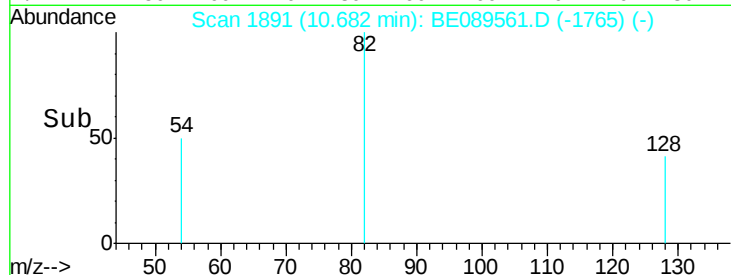
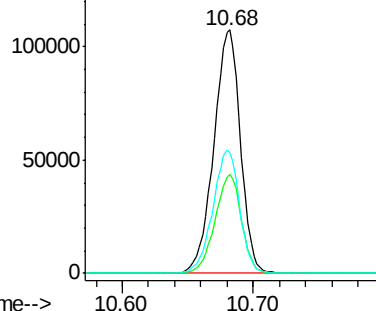
82 100

128 40.6 30.4 45.6

54 49.8 40.7 61.1



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: 16.50 min Scan# 3087

Delta R.T. -0.00 min

Lab File: BE089561.D

Acq: 10 Feb 2015 23:00

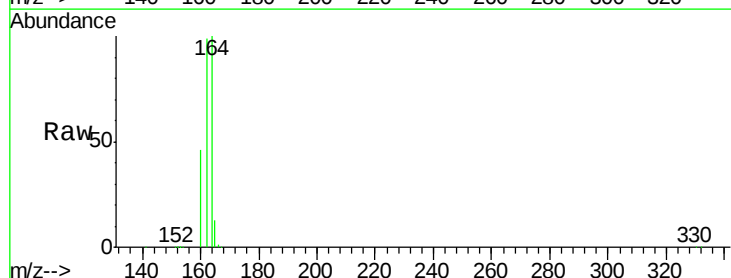
Tgt Ion: 164 Resp: 131820

Ion Ratio Lower Upper

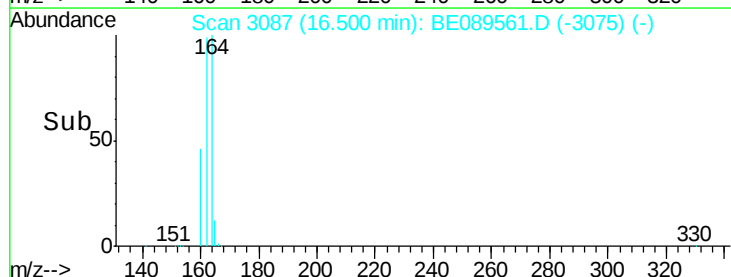
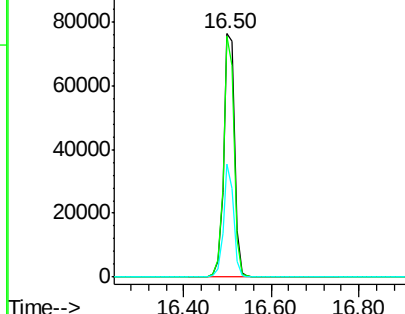
164 100

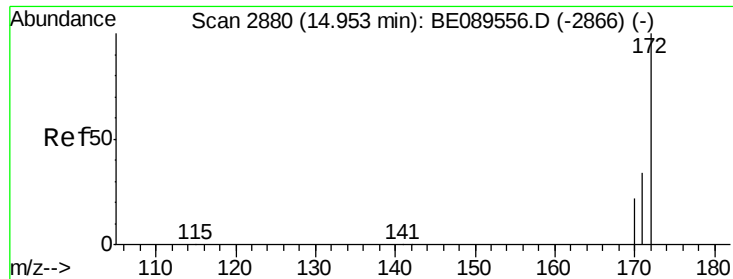
162 99.1 77.8 116.6

160 46.3 36.2 54.2



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: 6.32 ng

RT: 14.96 min Scan# 2880

Delta R.T. 0.01 min

Lab File: BE089561.D

Acq: 10 Feb 2015 23:00

Instrument :

BNA_E

ClientSampleId :

MDL-BLK-W

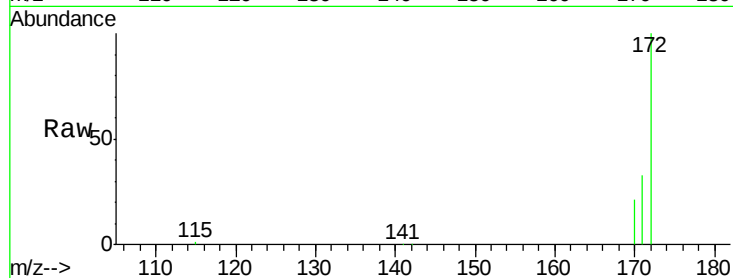
Tgt Ion:172 Resp: 225768

Ion Ratio Lower Upper

172 100

171 33.4 27.4 41.0

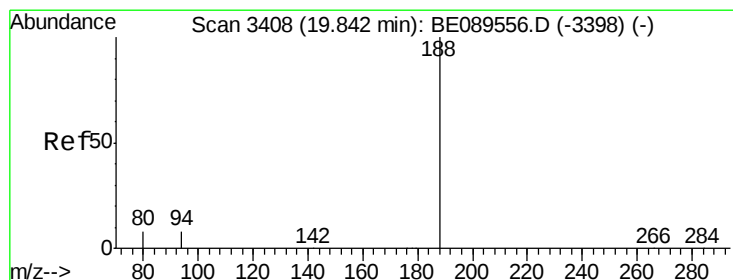
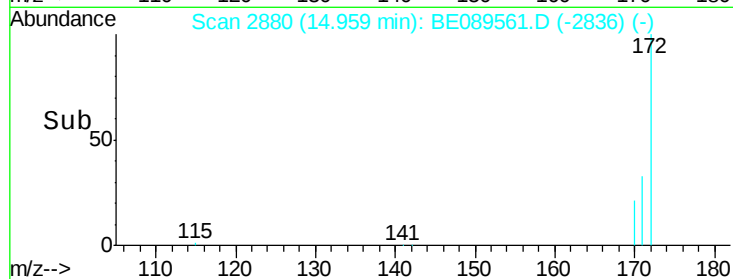
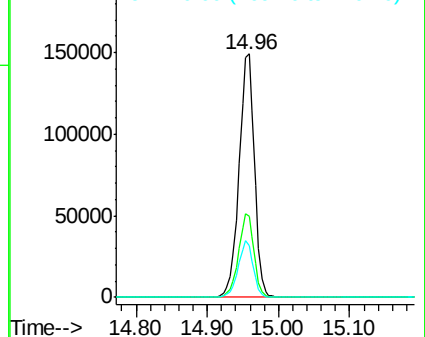
170 21.4 18.3 27.5



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: 19.84 min Scan# 3407

Delta R.T. 0.00 min

Lab File: BE089561.D

Acq: 10 Feb 2015 23:00

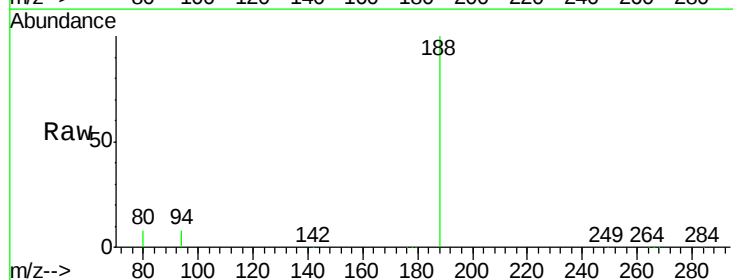
Tgt Ion:188 Resp: 235928

Ion Ratio Lower Upper

188 100

94 8.4 6.2 9.2

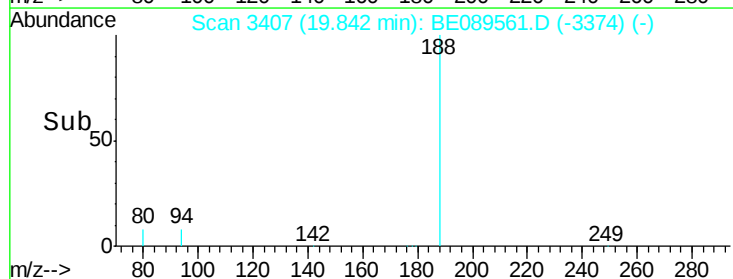
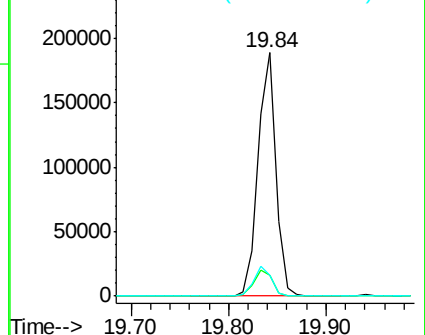
80 8.4 6.4 9.6

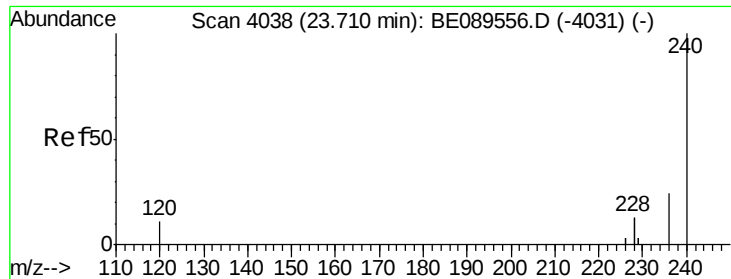


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0

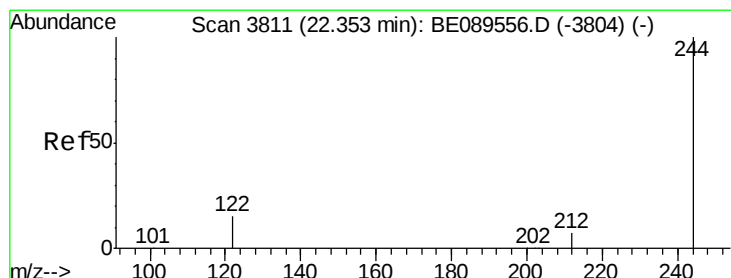
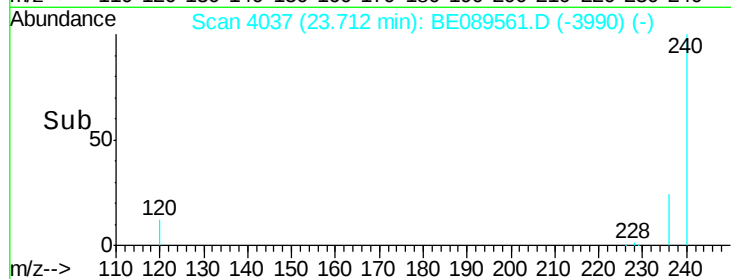
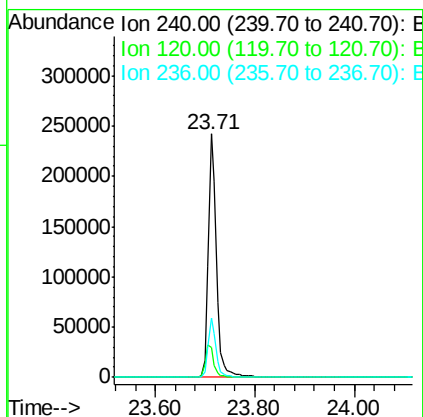
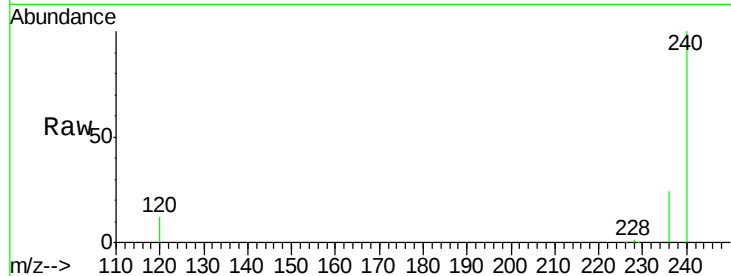




#16
Chrysene-d12
Concen: 5.00 ng
RT: 23.71 min Scan# 4037
Delta R.T. 0.00 min
Lab File: BE089561.D
Acq: 10 Feb 2015 23:00

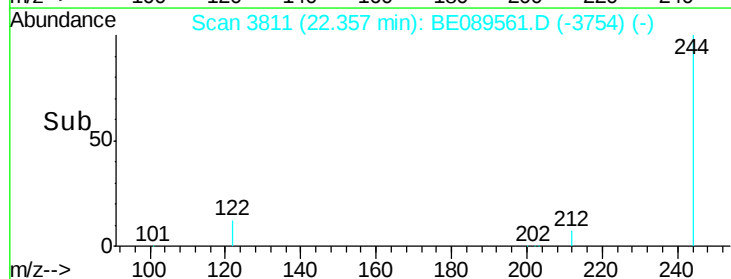
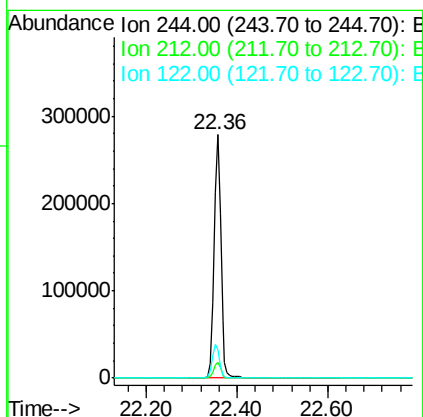
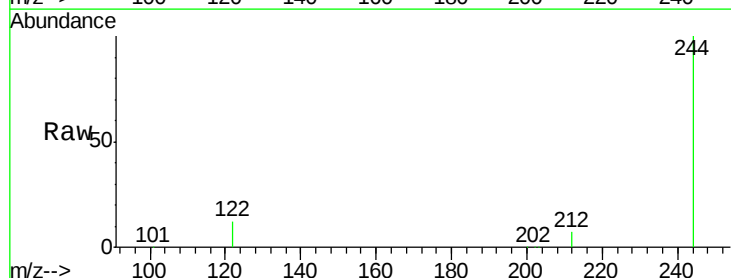
Instrument :
BNA_E
ClientSampleId :
MDL-BLK-W

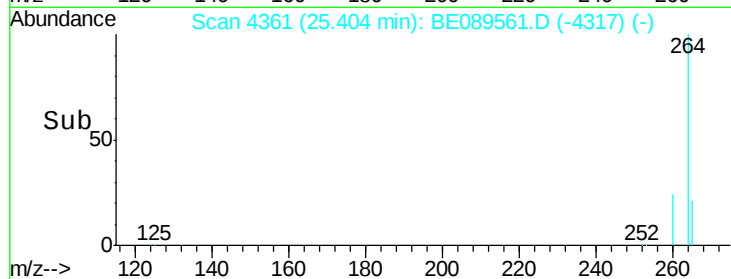
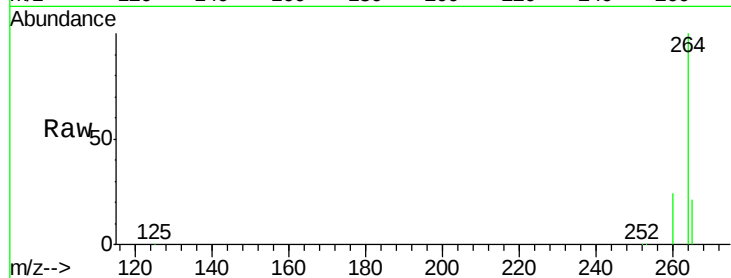
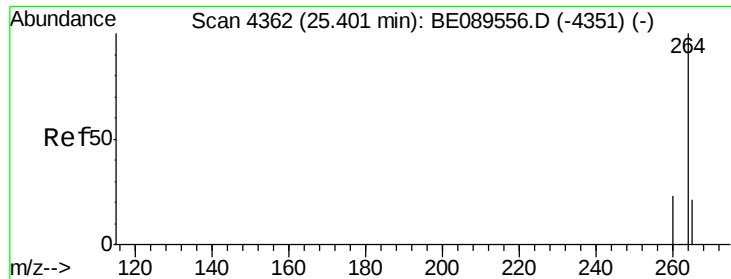
Tgt Ion:240 Resp: 273492
Ion Ratio Lower Upper
240 100
120 12.2 9.3 13.9
236 24.5 19.3 28.9



#18
Terphenyl-d14
Concen: 8.35 ng
RT: 22.36 min Scan# 3811
Delta R.T. 0.00 min
Lab File: BE089561.D
Acq: 10 Feb 2015 23:00

Tgt Ion:244 Resp: 284363
Ion Ratio Lower Upper
244 100
212 6.7 5.9 8.9
122 11.7 12.2 18.2#





#22

Perylene-d12

Concen: 5.00 ng

RT: 25.40 min Scan# 4361

Delta R.T. 0.00 min

Lab File: BE089561.D

Acq: 10 Feb 2015 23:00

Instrument :

BNA_E

ClientSampleId :

MDL-BLK-W

Tgt Ion: 264 Resp: 279435

Ion Ratio Lower Upper

264 100

260 24.1 18.7 28.1

265 21.1 16.8 25.2

