

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE032415\
 Data File : BE089835.D
 Acq On : 25 Mar 2015 6:56
 Operator : TP/JJ
 Sample : G1575-12
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 MW-14

Quant Time: Mar 25 17:22:40 2015
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SIMPAH-BE032415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 25 16:20:31 2015
 Response via : Initial Calibration

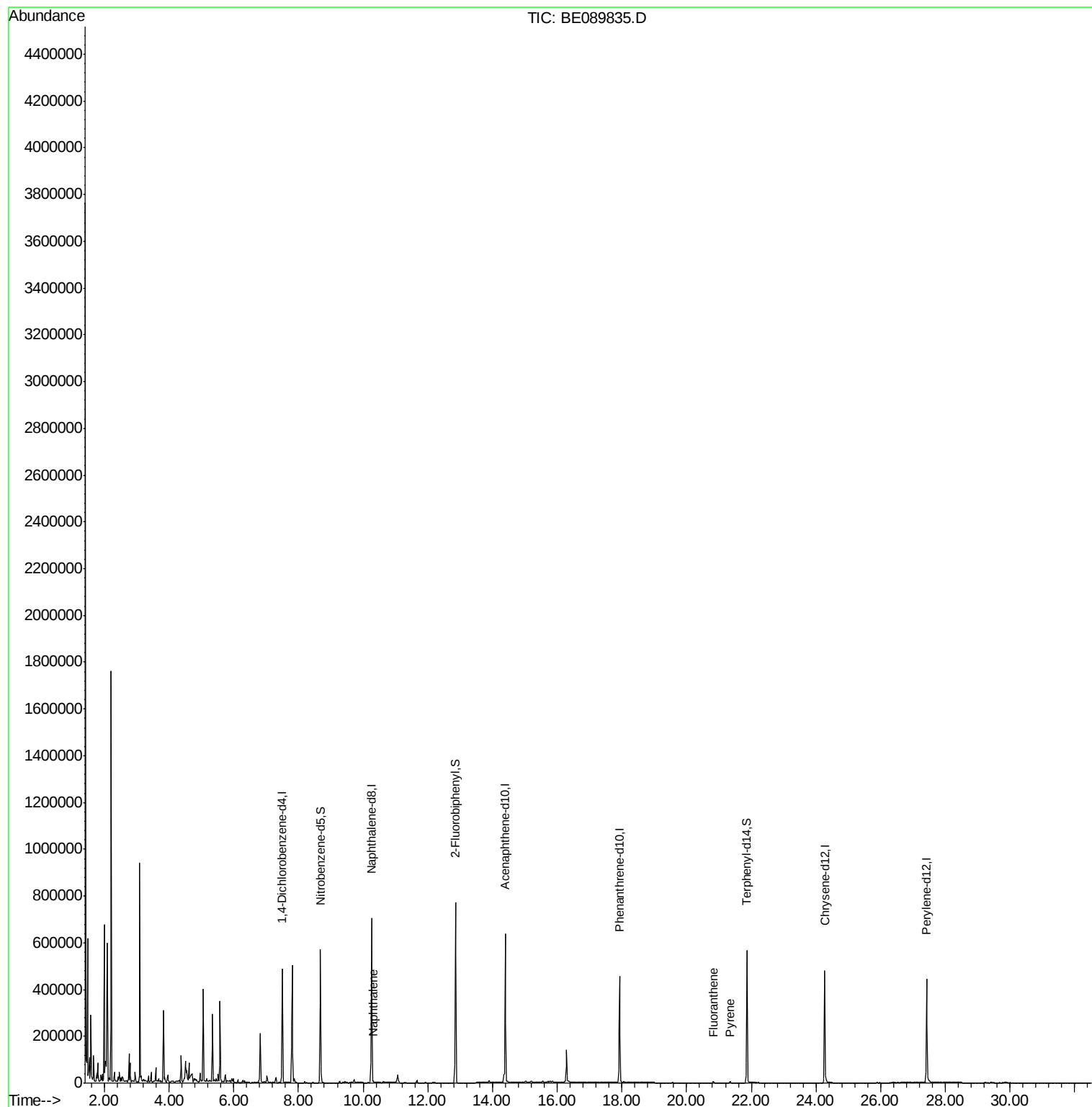
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.50	152	216909	5.00	ng	0.00
4) Naphthalene-d8	10.26	136	868009	5.00	ng	0.00
8) Acenaphthene-d10	14.40	164	378123	5.00	ng	0.01
13) Phenanthrene-d10	17.93	188	631846	5.00	ng	0.00
19) Chrysene-d12	24.27	240	597970	5.00	ng	0.00
25) Perylene-d12	27.42	264	568244	5.00	ng	0.00
System Monitoring Compounds						
5) Nitrobenzene-d5	8.68	82	472704	7.50	ng	0.00
9) 2-Fluorobiphenyl	12.85	172	728376	8.23	ng	0.00
21) Terphenyl-d14	21.87	244	741490	8.40	ng	0.00
Target Compounds						Qvalue
6) Naphthalene	10.31	128	10553	0.06	ng	# 93
18) Fluoranthene	20.82	202	5698	0.05	ng	# 90
20) Pyrene	21.35	202	5204	0.03	ng	# 89

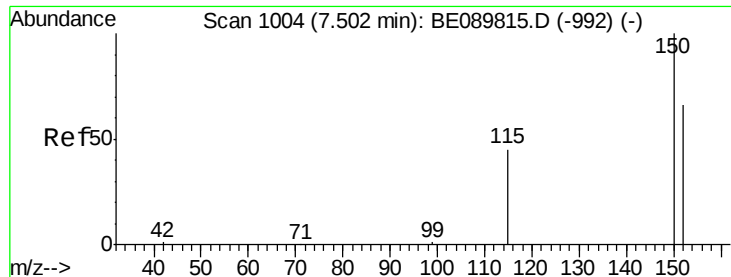
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.50 min Scan# 1004

Delta R.T. 0.00 min

Lab File: BE089835.D

Acq: 25 Mar 2015 6:56

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MW-14

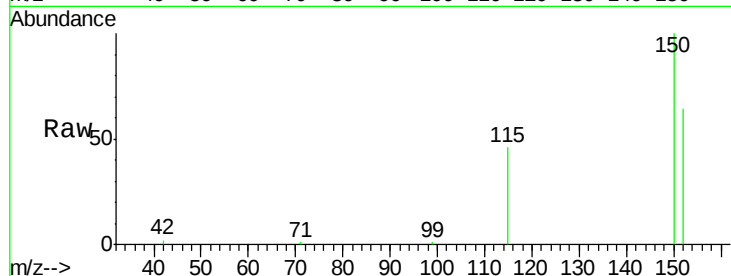
Tgt Ion:152 Resp: 216909

Ion Ratio Lower Upper

152 100

150 155.9 125.5 188.3

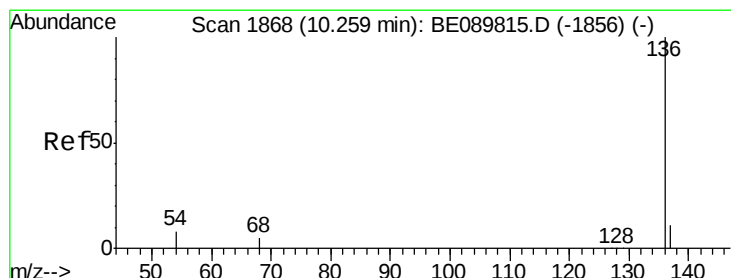
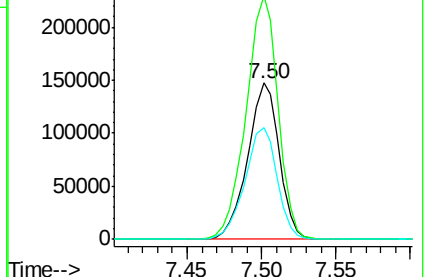
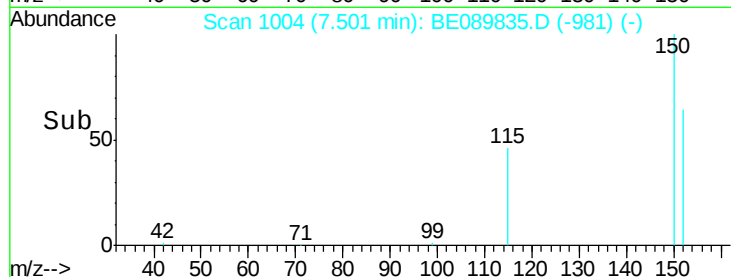
115 71.6 58.0 87.0



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



#4

Naphthalene-d8

Concen: 5.00 ng

RT: 10.26 min Scan# 1869

Delta R.T. 0.01 min

Lab File: BE089835.D

Acq: 25 Mar 2015 6:56

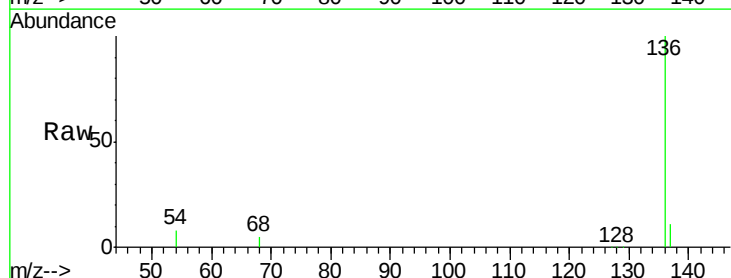
Tgt Ion:136 Resp: 868009

Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

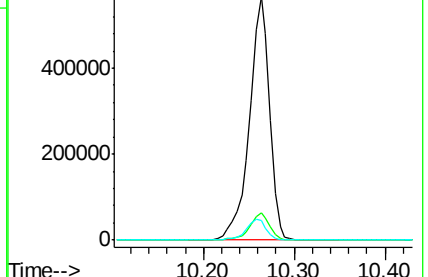
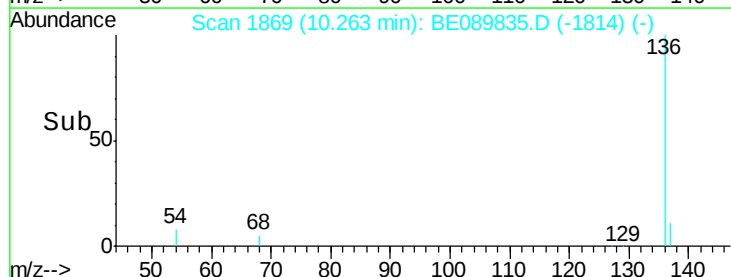
54 7.9 7.0 10.4

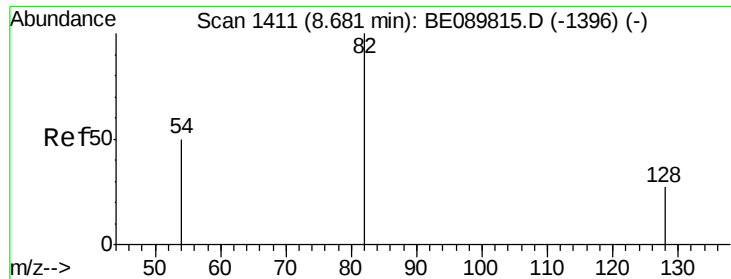


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0





#5

Nitrobenzene-d5

Concen: 7.50 ng

RT: 8.68 min Scan# 1412

Delta R.T. 0.00 min

Lab File: BE089835.D

Acq: 25 Mar 2015 6:56

Instrument :

BNA_E

ClientSampleId :

MW-14

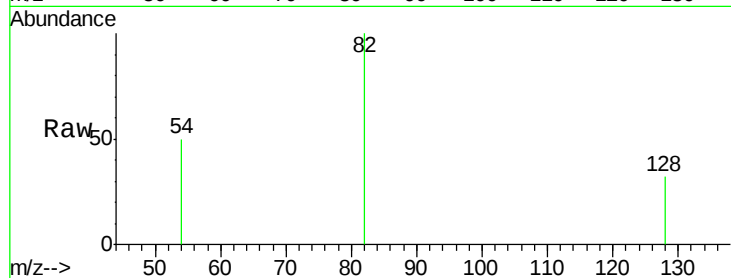
Tgt Ion: 82 Resp: 472704

Ion Ratio Lower Upper

82 100

128 31.9 24.6 37.0

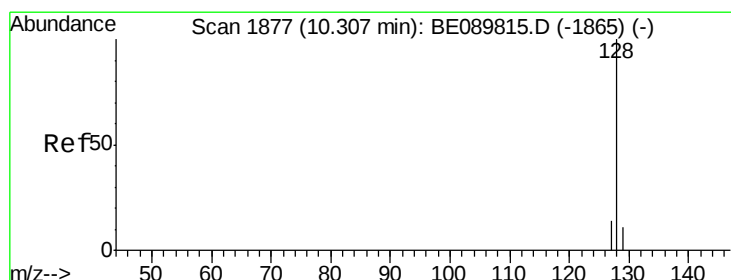
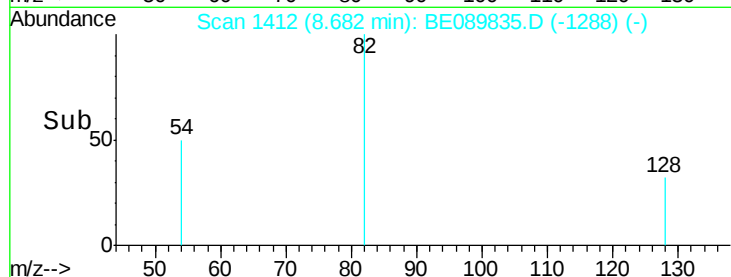
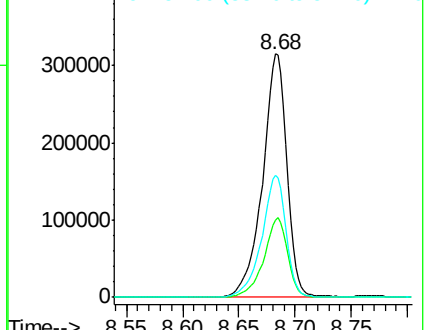
54 49.9 43.0 64.6



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

Naphthalene

Concen: 0.06 ng

RT: 10.31 min Scan# 1878

Delta R.T. 0.01 min

Lab File: BE089835.D

Acq: 25 Mar 2015 6:56

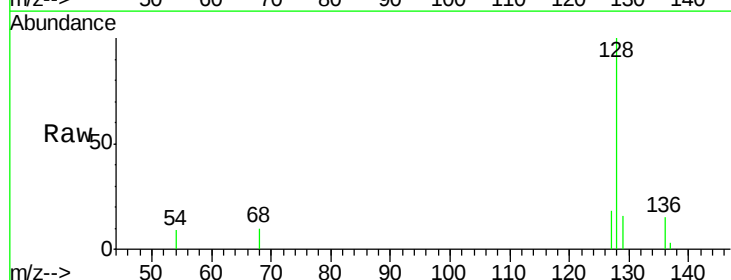
Tgt Ion: 128 Resp: 10553

Ion Ratio Lower Upper

128 100

129 15.7 10.0 15.0#

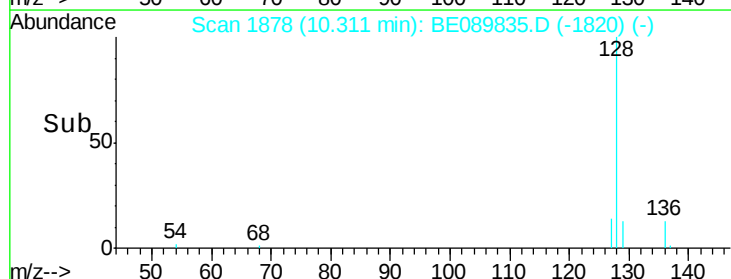
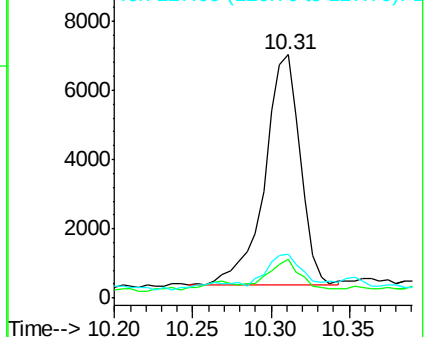
127 18.3 12.5 18.7

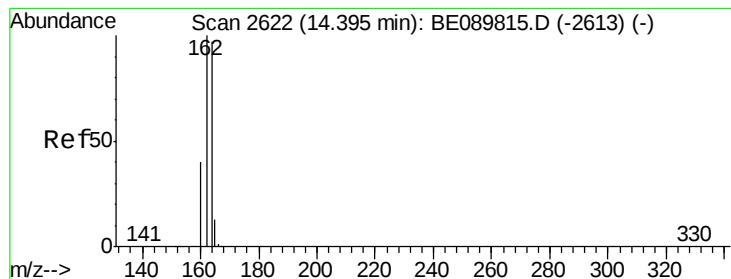


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#8

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.40 min Scan# 2623

Delta R.T. 0.01 min

Lab File: BE089835.D

Acq: 25 Mar 2015 6:56

Instrument :

BNA_E

ClientSampleId :

MW-14

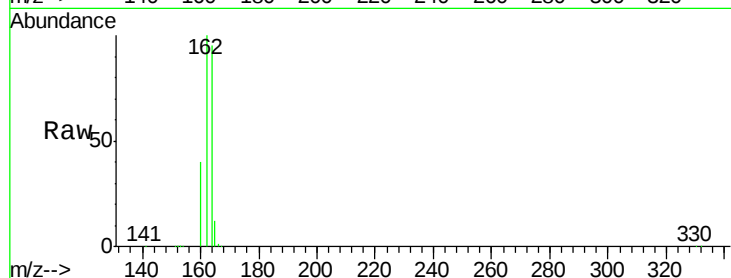
Tgt Ion:164 Resp: 378123

Ion Ratio Lower Upper

164 100

162 104.8 87.6 131.4

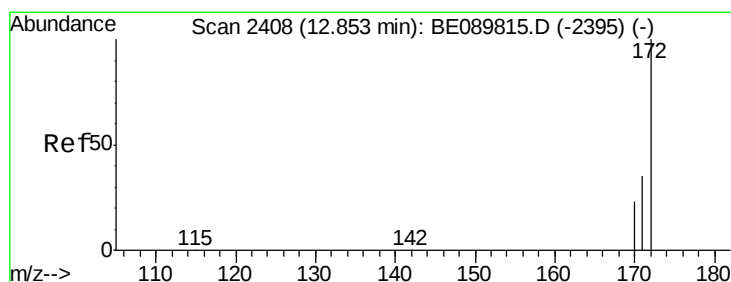
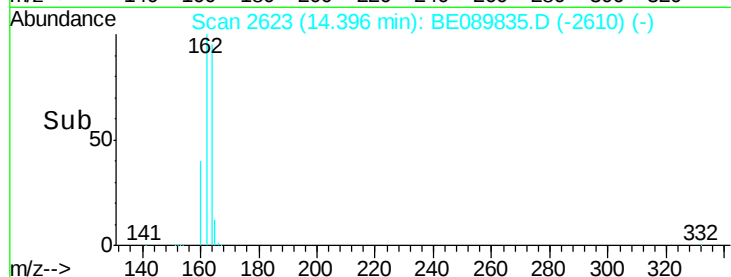
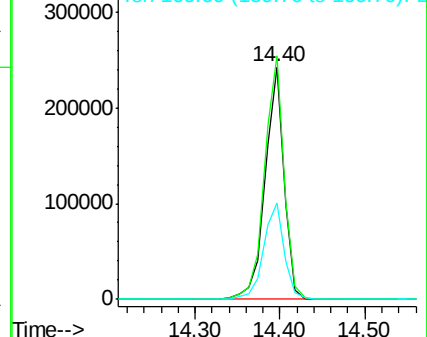
160 41.8 36.7 55.1



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



#9

2-Fluorobiphenyl

Concen: 8.23 ng

RT: 12.85 min Scan# 2409

Delta R.T. 0.00 min

Lab File: BE089835.D

Acq: 25 Mar 2015 6:56

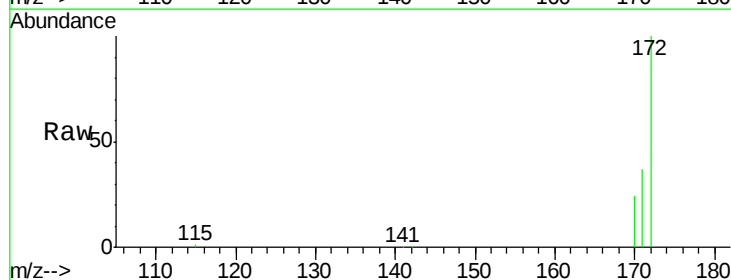
Tgt Ion:172 Resp: 728376

Ion Ratio Lower Upper

172 100

171 37.0 30.8 46.2

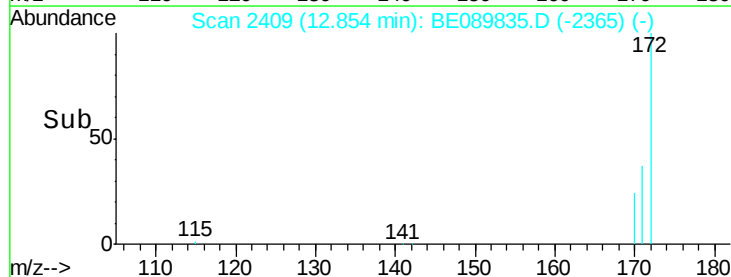
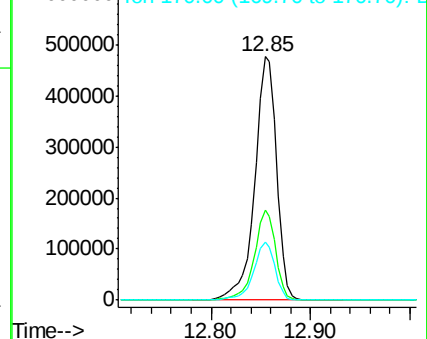
170 24.1 21.0 31.4

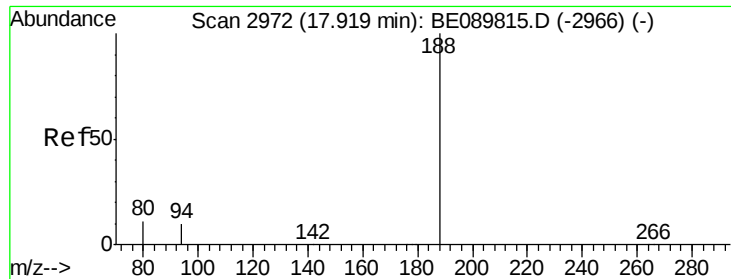


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

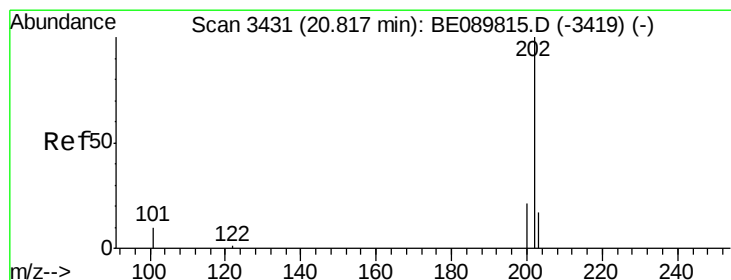
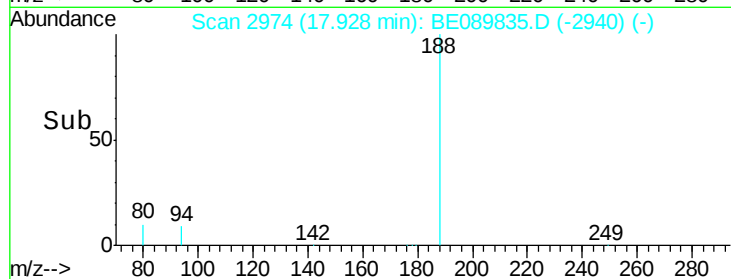
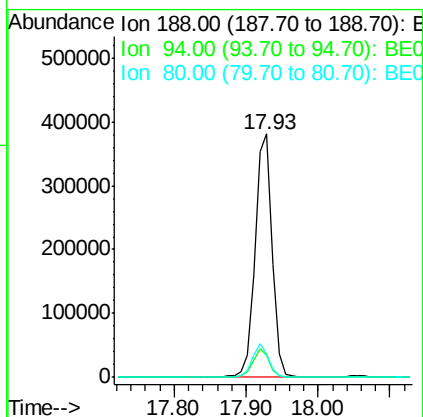
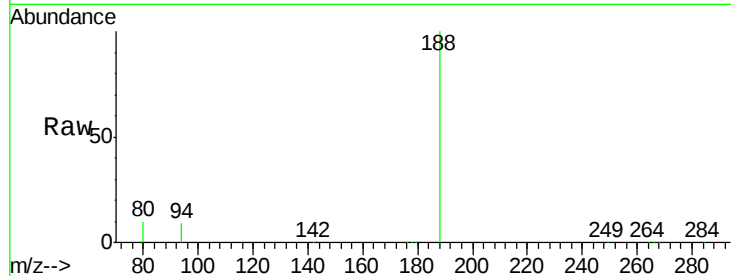




#13
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.93 min Scan# 2974
Delta R.T. 0.01 min
Lab File: BE089835.D
Acq: 25 Mar 2015 6:56

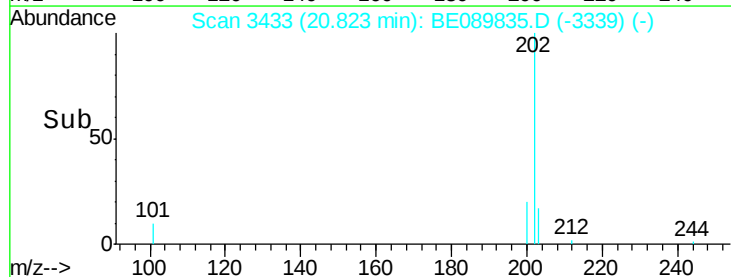
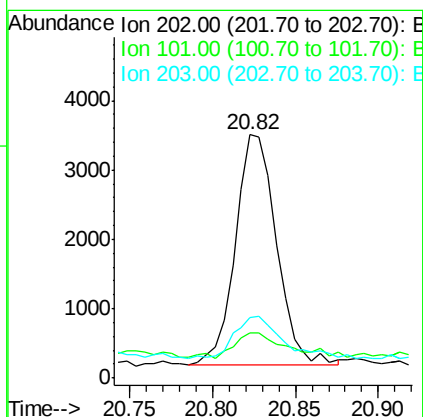
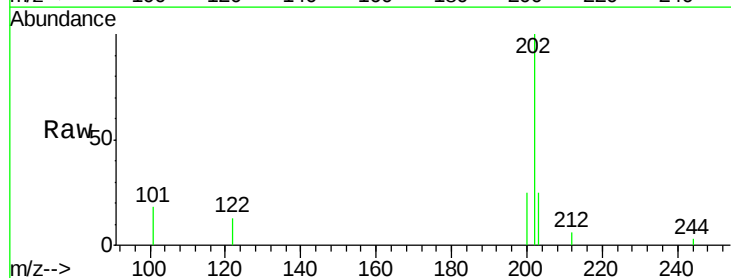
Instrument :
BNA_E
ClientSampleId :
MW-14

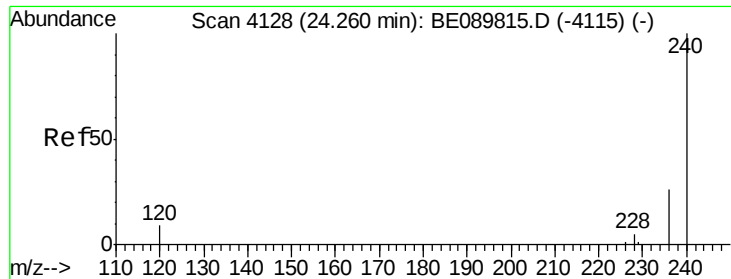
Tgt Ion:188 Resp: 631846
Ion Ratio Lower Upper
188 100
94 9.2 8.5 12.7
80 9.9 10.0 15.0#



#18
Fluoranthene
Concen: 0.05 ng
RT: 20.82 min Scan# 3433
Delta R.T. 0.00 min
Lab File: BE089835.D
Acq: 25 Mar 2015 6:56

Tgt Ion:202 Resp: 5698
Ion Ratio Lower Upper
202 100
101 13.3 8.2 12.2#
203 22.8 14.2 21.4#





#19

Chrysene-d12

Concen: 5.00 ng

RT: 24.27 min Scan# 4130

Delta R.T. 0.00 min

Lab File: BE089835.D

Acq: 25 Mar 2015 6:56

Instrument :

BNA_E

ClientSampleId :

MW-14

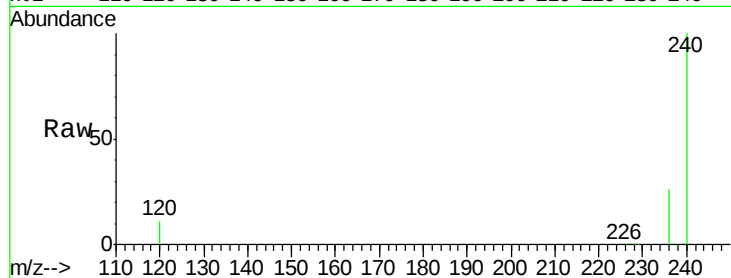
Tgt Ion:240 Resp: 597970

Ion Ratio Lower Upper

240 100

120 10.8 7.5 11.3

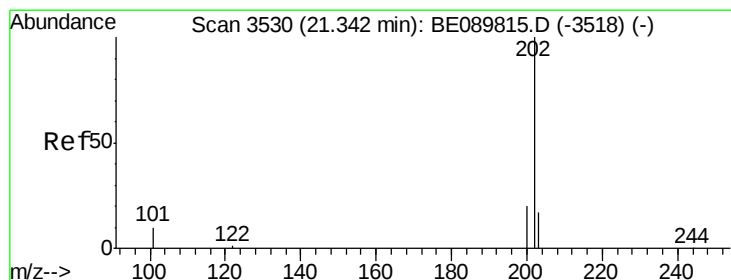
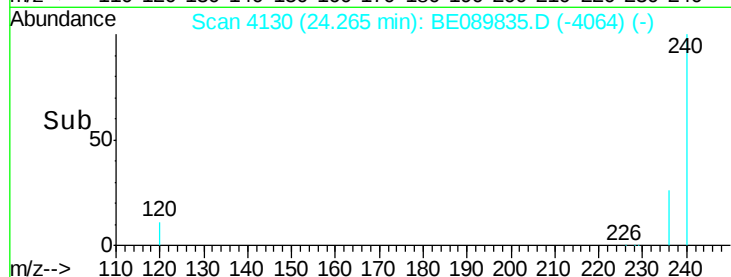
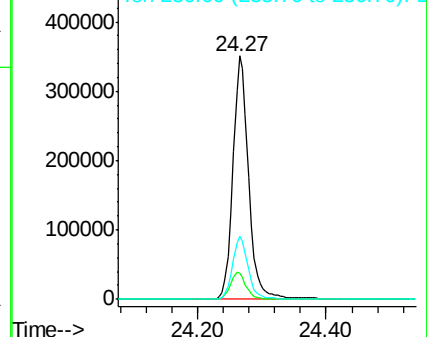
236 25.9 20.5 30.7



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



#20

Pyrene

Concen: 0.03 ng

RT: 21.35 min Scan# 3532

Delta R.T. 0.00 min

Lab File: BE089835.D

Acq: 25 Mar 2015 6:56

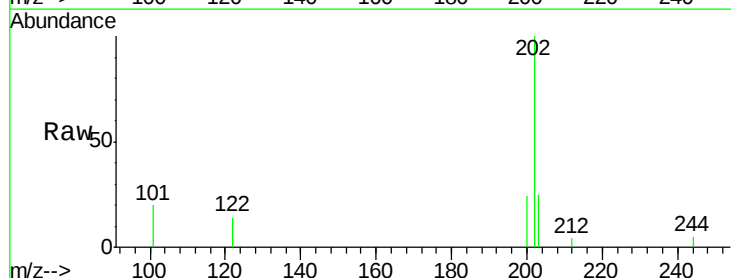
Tgt Ion:202 Resp: 5204

Ion Ratio Lower Upper

202 100

200 23.7 15.9 23.9

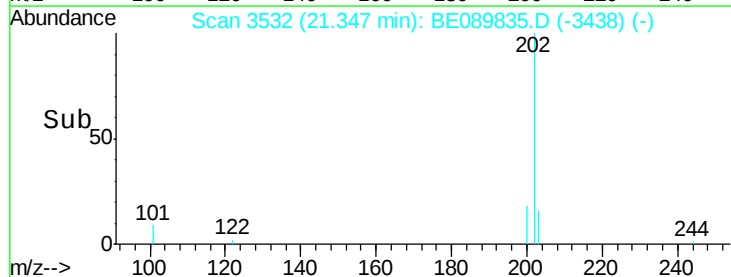
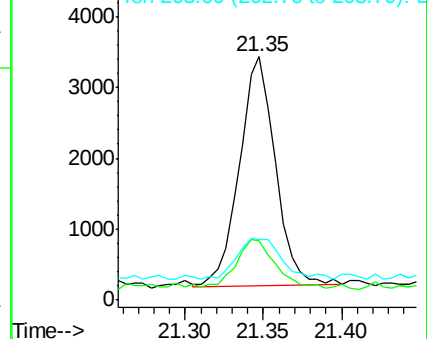
203 22.9 13.6 20.4#

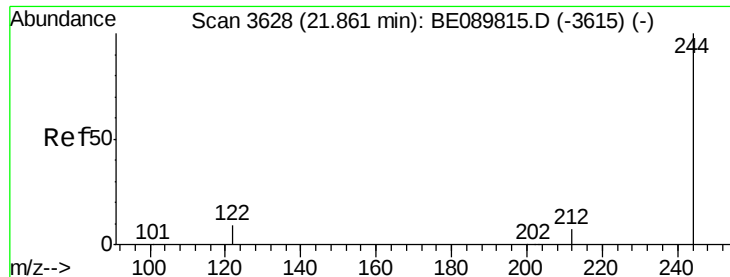


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

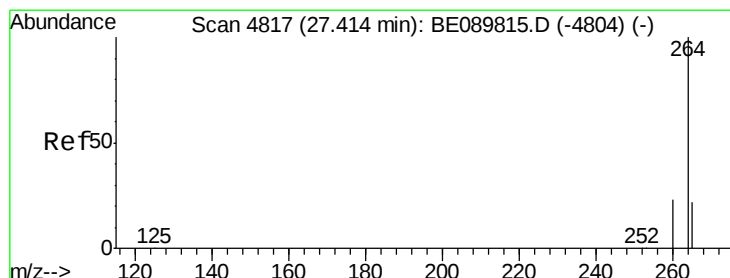
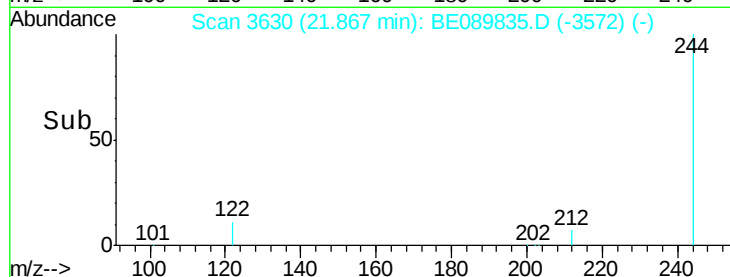
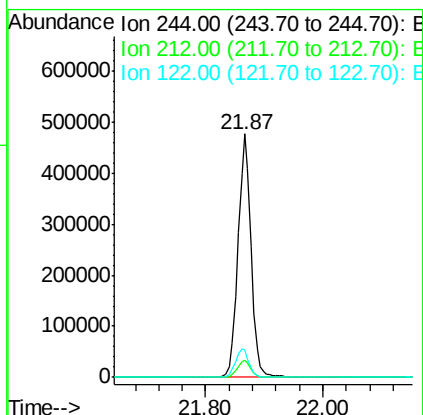
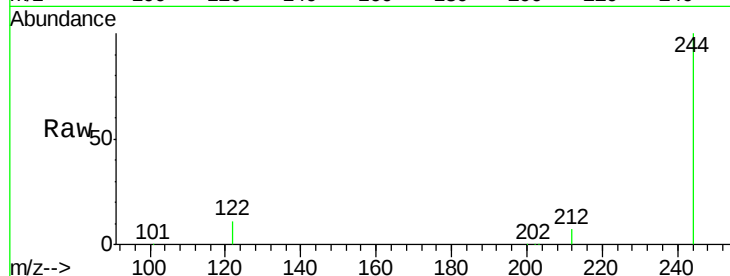




#21
 Terphenyl-d14
 Concen: 8.40 ng
 RT: 21.87 min Scan# 3630
 Delta R.T. 0.01 min
 Lab File: BE089835.D
 Acq: 25 Mar 2015 6:56

Instrument :
 BNA_E
 ClientSampleId :
 MW-14

Tgt Ion:244 Resp: 741490
 Ion Ratio Lower Upper
 244 100
 212 7.0 7.3 10.9#
 122 11.3 10.5 15.7



#25
 Perylene-d12
 Concen: 5.00 ng
 RT: 27.42 min Scan# 4819
 Delta R.T. 0.00 min
 Lab File: BE089835.D
 Acq: 25 Mar 2015 6:56

Tgt Ion:264 Resp: 568244
 Ion Ratio Lower Upper
 264 100
 260 24.3 18.2 27.2
 265 21.5 17.3 25.9

