

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE032415\
 Data File : BE089836.D
 Acq On : 25 Mar 2015 7:37
 Operator : TP/JJ
 Sample : G1575-13
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 FB-031815

Quant Time: Mar 25 17:23:43 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

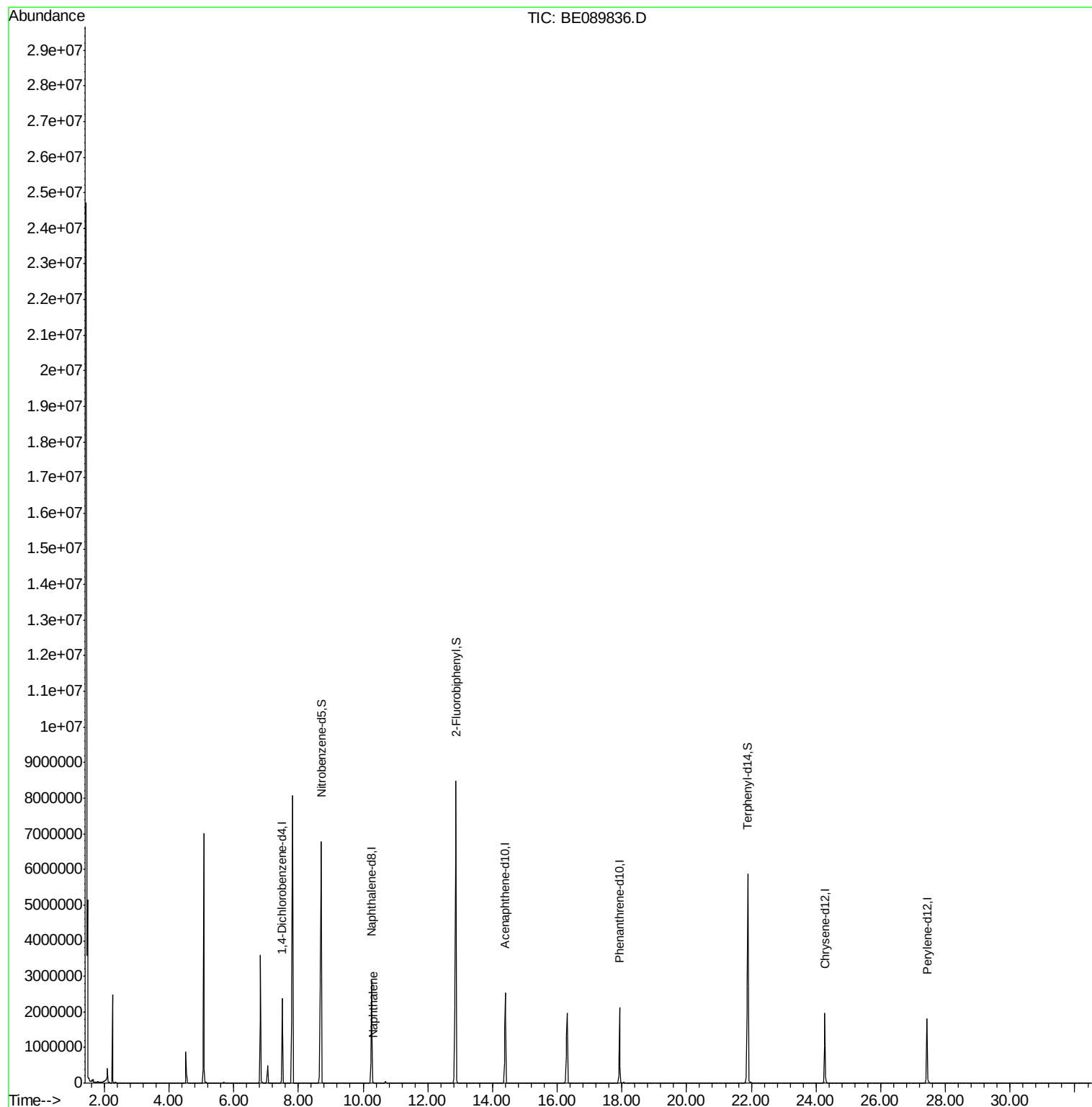
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	1098580	5.00	ng	0.00
4) Naphthalene-d8	10.26	136	3879816	5.00	ng	0.00
8) Acenaphthene-d10	14.40	164	1742444	5.00	ng	0.01
13) Phenanthrene-d10	17.93	188	2873957	5.00	ng	0.00
19) Chrysene-d12	24.28	240	2548431	5.00	ng	0.02
25) Perylene-d12	27.43	264	2378396	5.00	ng	0.02
System Monitoring Compounds						
5) Nitrobenzene-d5	8.71	82	8582884	29.66	ng	0.03
9) 2-Fluorobiphenyl	12.88	172	11200447	27.47	ng	0.03
21) Terphenyl-d14	21.90	244	10839468	28.83	ng	0.04
Target Compounds						
6) Naphthalene	10.31	128	18006	0.02	ng	96

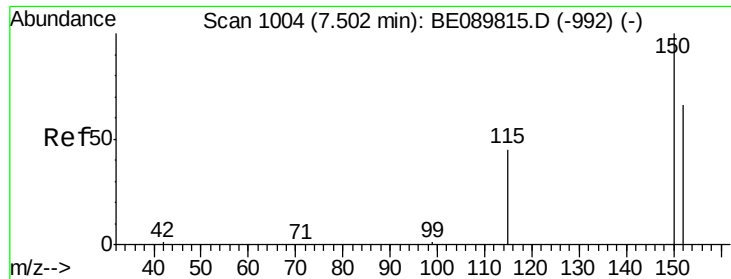
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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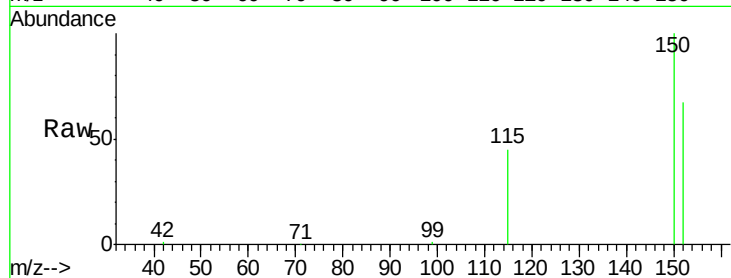




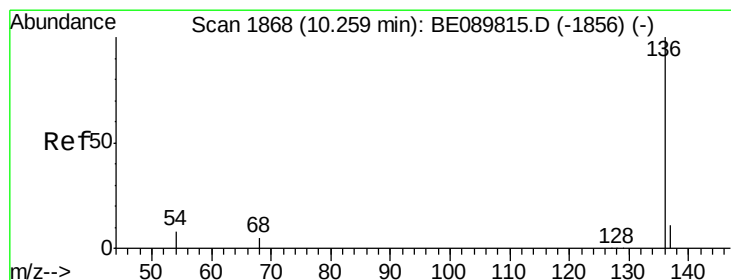
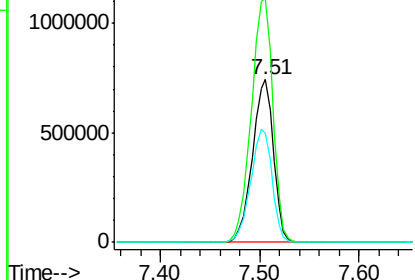
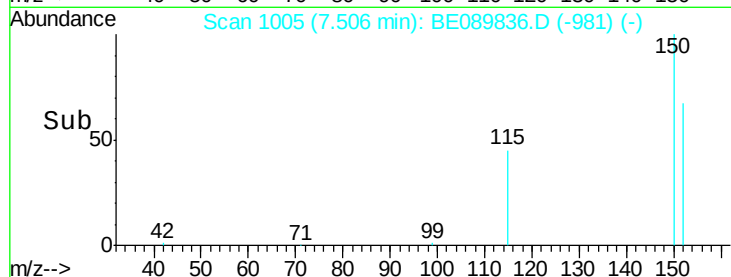
#1
 1,4-Dichlorobenzene-d4
 Concen: 5.00 ng
 RT: 7.51 min Scan# 1005
 Delta R.T. 0.01 min
 Lab File: BE089836.D
 Acq: 25 Mar 2015 7:37

Instrument :
 BNA_E
 ClientSampleId :
 FB-031815

Tgt Ion:152 Resp: 1098580
 Ion Ratio Lower Upper
 152 100
 150 149.7 125.5 188.3
 115 67.4 58.0 87.0

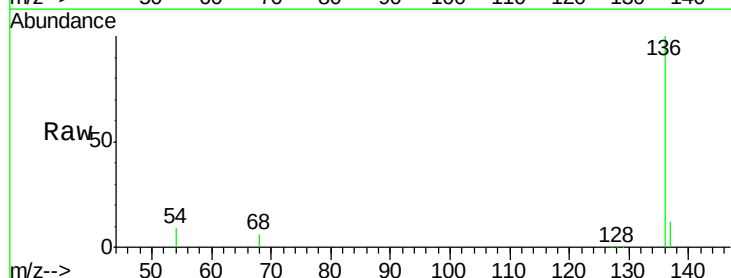


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

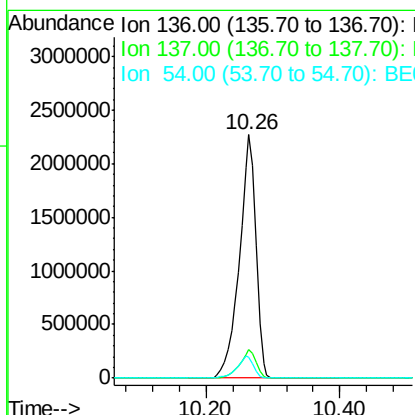
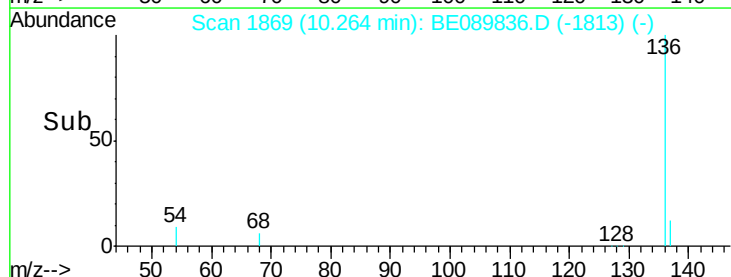


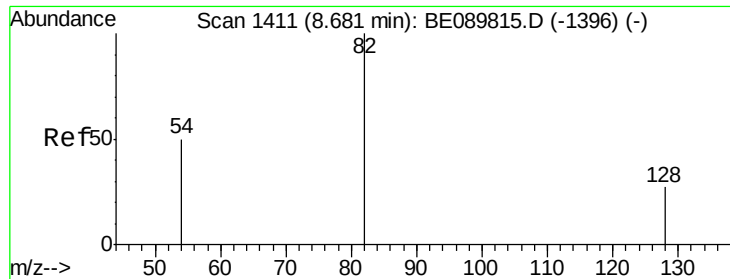
#4
 Naphthalene-d8
 Concen: 5.00 ng
 RT: 10.26 min Scan# 1869
 Delta R.T. 0.01 min
 Lab File: BE089836.D
 Acq: 25 Mar 2015 7:37

Tgt Ion:136 Resp: 3879816
 Ion Ratio Lower Upper
 136 100
 137 12.0 8.8 13.2
 54 8.7 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: 29.66 ng

RT: 8.71 min Scan# 1424

Delta R.T. 0.03 min

Lab File: BE089836.D

Acq: 25 Mar 2015 7:37

Instrument :

BNA_E

ClientSampleId :

FB-031815

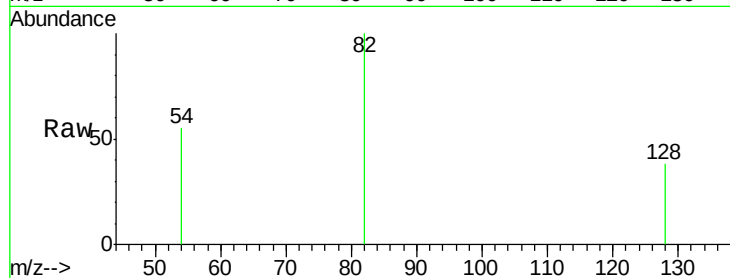
Tgt Ion: 82 Resp: 8582884

Ion Ratio Lower Upper

82 100

128 37.6 24.6 37.0#

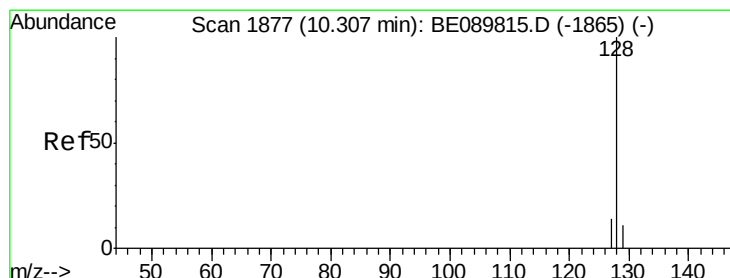
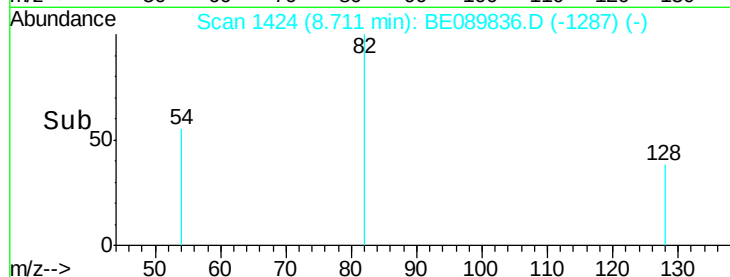
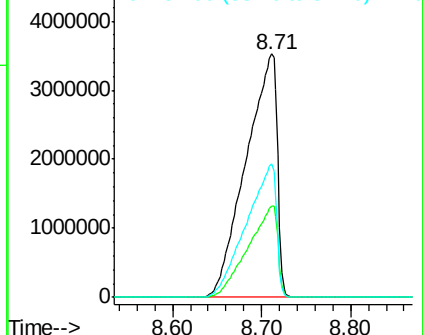
54 54.8 43.0 64.6



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: 0.02 ng

RT: 10.31 min Scan# 1877

Delta R.T. 0.00 min

Lab File: BE089836.D

Acq: 25 Mar 2015 7:37

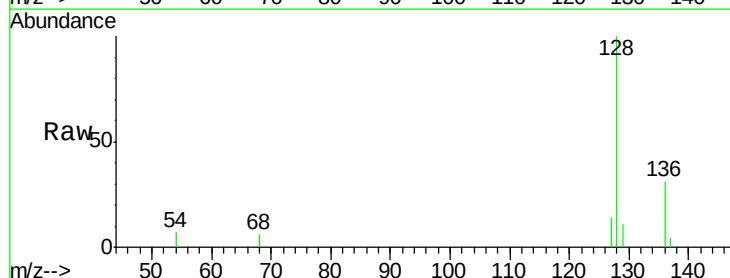
Tgt Ion: 128 Resp: 18006

Ion Ratio Lower Upper

128 100

129 11.4 10.0 15.0

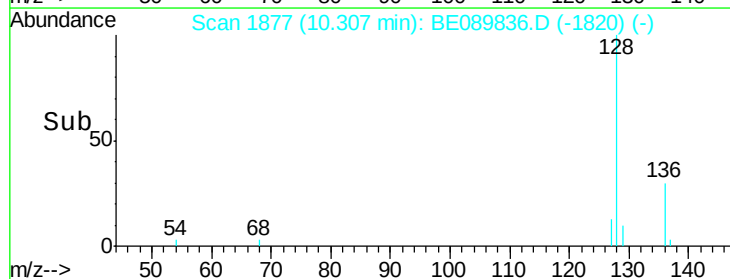
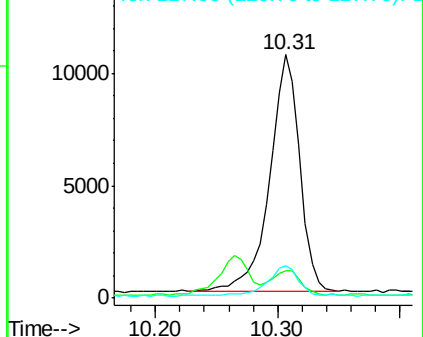
127 13.5 12.5 18.7

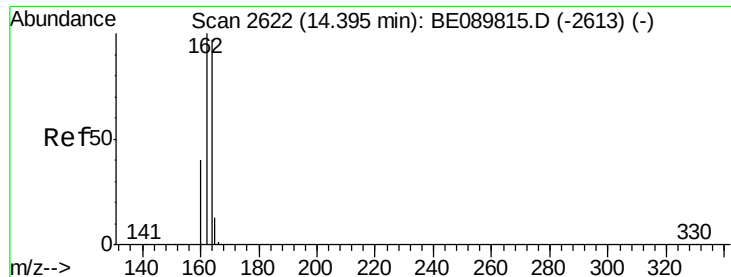


Abundance Ion 128.00 (127.70 to 128.70): E

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# 2622

Delta R.T. 0.01 min

Lab File: BE089836.D

Acq: 25 Mar 2015 7:37

Instrument :

BNA_E

ClientSampleId :

FB-031815

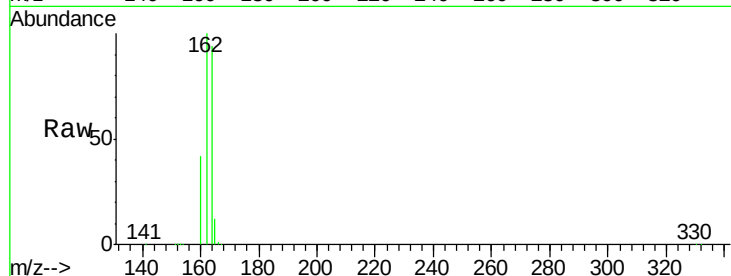
Tgt Ion:164 Resp: 1742444

Ion Ratio Lower Upper

164 100

162 106.6 87.6 131.4

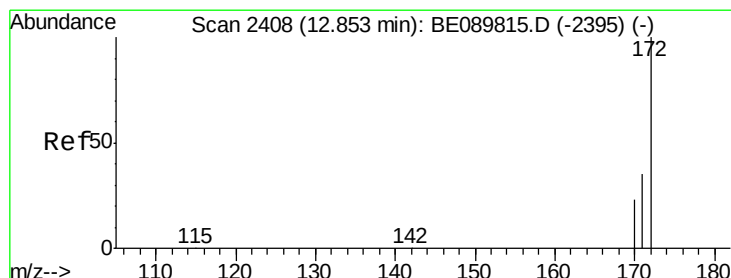
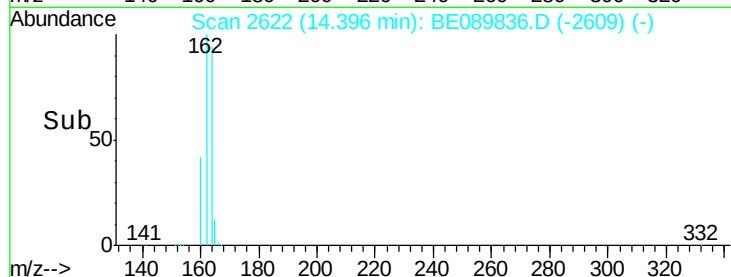
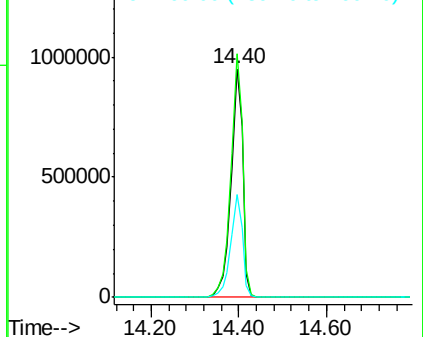
160 45.0 36.7 55.1



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: 27.47 ng

RT: 12.88 min Scan# 2413

Delta R.T. 0.03 min

Lab File: BE089836.D

Acq: 25 Mar 2015 7:37

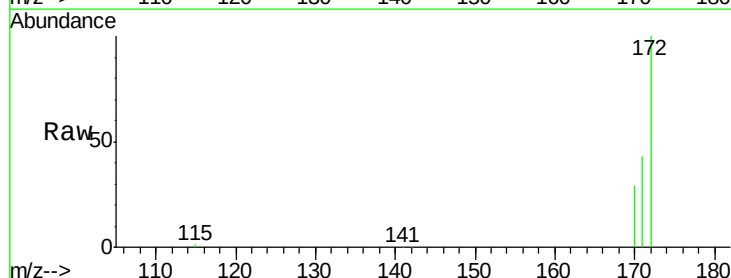
Tgt Ion:172 Resp:11200447

Ion Ratio Lower Upper

172 100

171 43.4 30.8 46.2

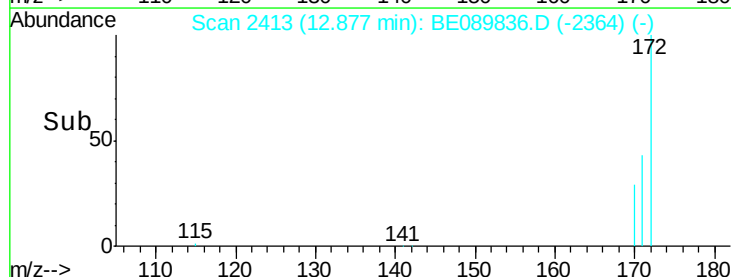
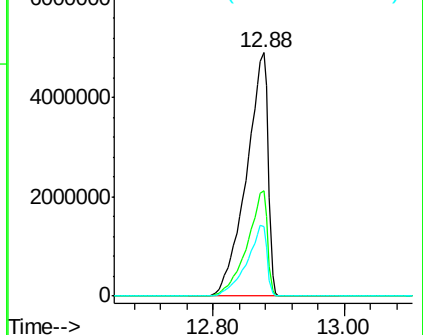
170 28.7 21.0 31.4

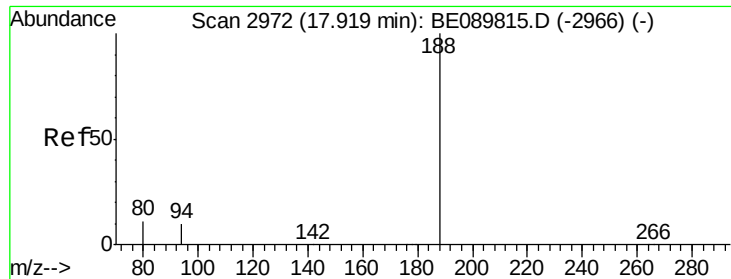


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

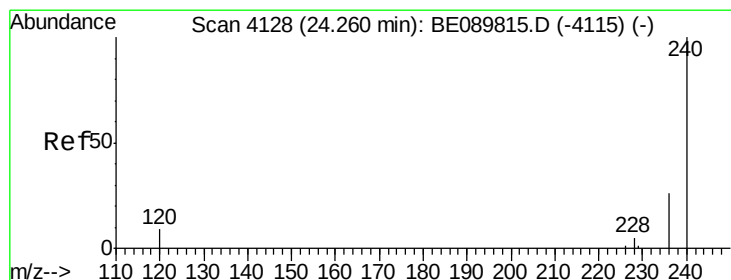
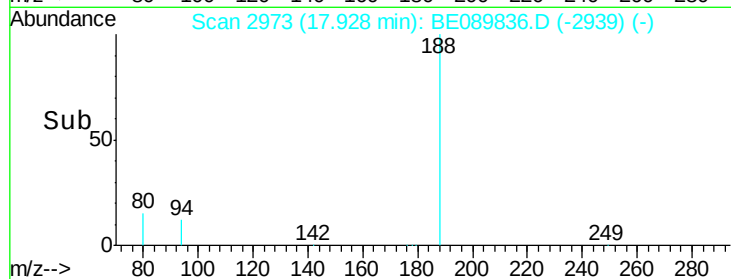
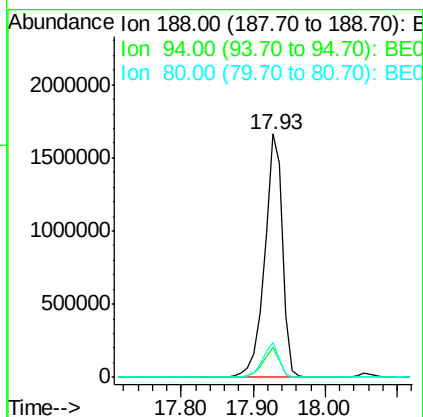
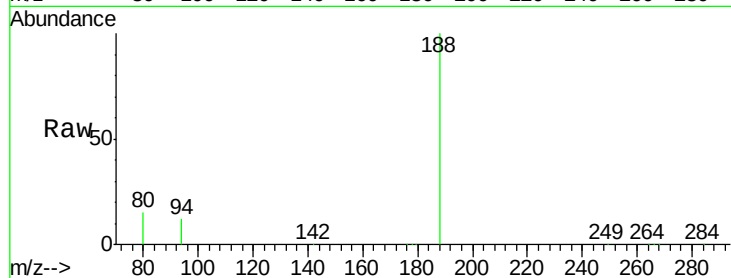




#13
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.93 min Scan# 2973
Delta R.T. 0.01 min
Lab File: BE089836.D
Acq: 25 Mar 2015 7:37

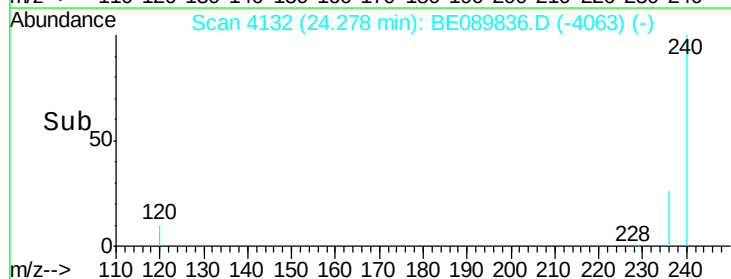
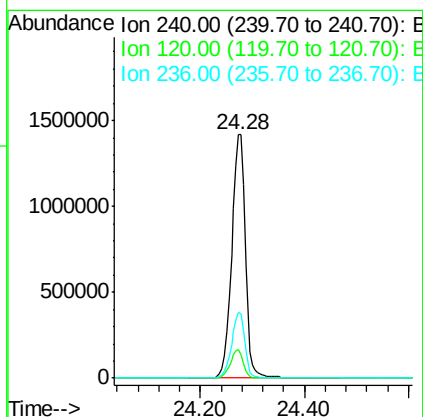
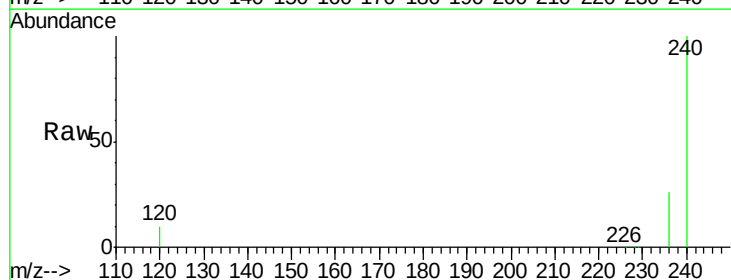
Instrument :
BNA_E
ClientSampleId :
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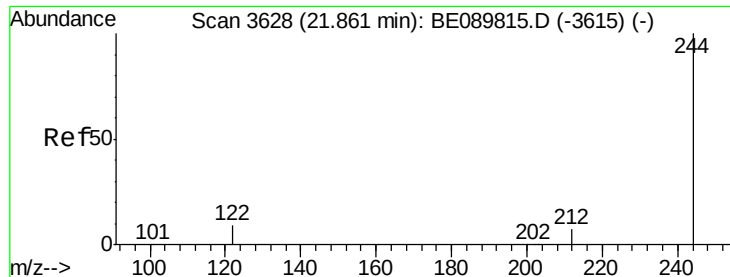
Tgt Ion:188 Resp: 2873957
Ion Ratio Lower Upper
188 100
94 12.3 8.5 12.7
80 14.6 10.0 15.0



#19
Chrysene-d12
Concen: 5.00 ng
RT: 24.28 min Scan# 4132
Delta R.T. 0.02 min
Lab File: BE089836.D
Acq: 25 Mar 2015 7:37

Tgt Ion:240 Resp: 2548431
Ion Ratio Lower Upper
240 100
120 9.7 7.5 11.3
236 26.5 20.5 30.7





#21

Terphenyl-d14

Concen: 28.83 ng

RT: 21.90 min Scan# 3635

Delta R.T. 0.04 min

Lab File: BE089836.D

Acq: 25 Mar 2015 7:37

Instrument :

BNA_E

ClientSampleId :

FB-031815

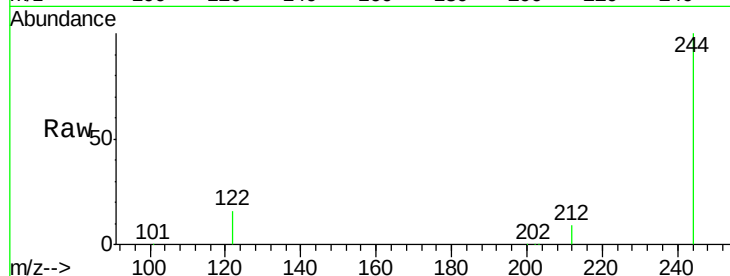
Tgt Ion:244 Resp:10839468

Ion Ratio Lower Upper

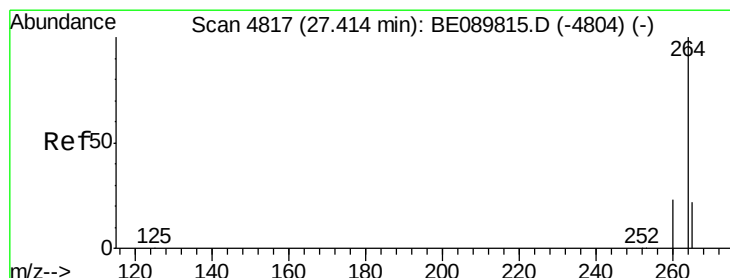
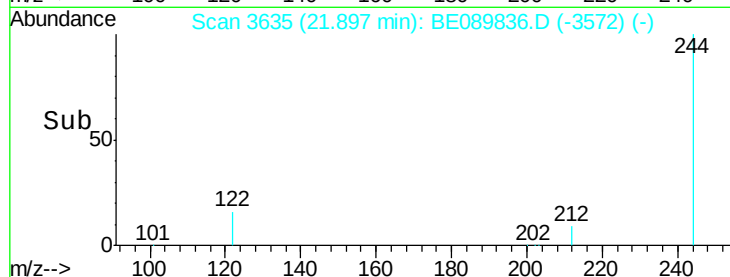
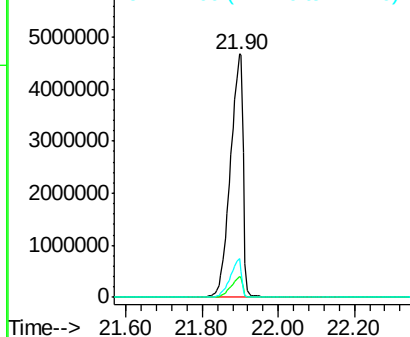
244 100

212 8.6 7.3 10.9

122 15.9 10.5 15.7#



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#25

Perylene-d12

Concen: 5.00 ng

RT: 27.43 min Scan# 4821

Delta R.T. 0.02 min

Lab File: BE089836.D

Acq: 25 Mar 2015 7:37

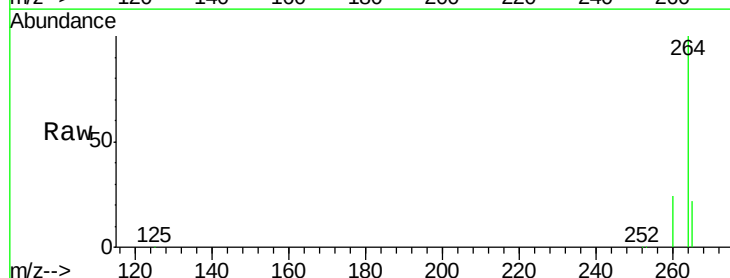
Tgt Ion:264 Resp: 2378396

Ion Ratio Lower Upper

264 100

260 24.4 18.2 27.2

265 22.3 17.3 25.9



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

