

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE032515\
 Data File : BE089851.D
 Acq On : 26 Mar 2015 00:10
 Operator : TP/JJ
 Sample : G1575-09
 Misc :
 ALS Vial : 25 Sample Multiplier: 4

Instrument :
 BNA_E
 ClientSampleId :
 FB-031715

Quant Time: Mar 26 07:51:38 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

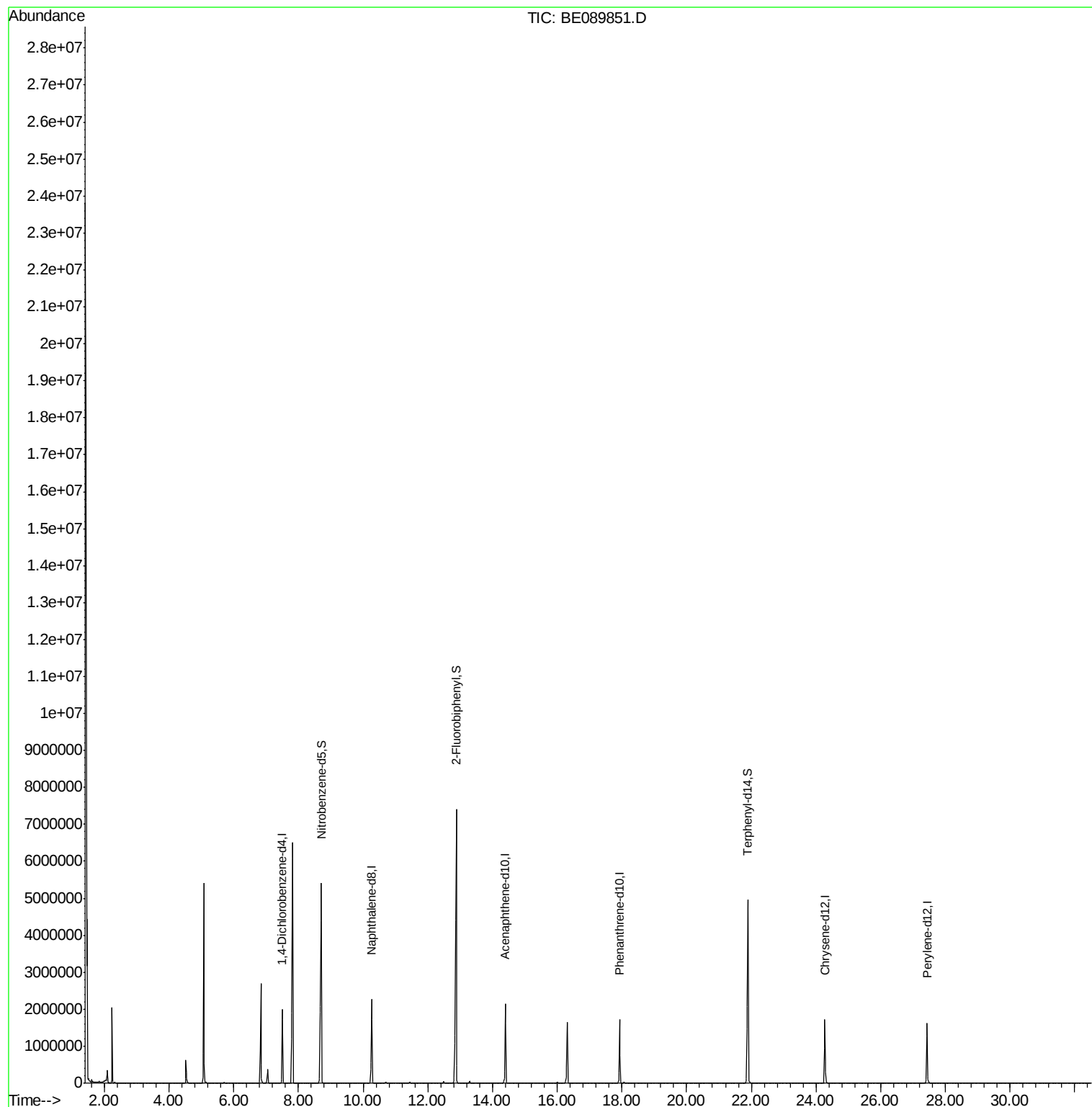
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	882687	5.00	ng	0.00
4) Naphthalene-d8	10.27	136	3123328	5.00	ng	0.01
8) Acenaphthene-d10	14.40	164	1384482	5.00	ng	0.01
13) Phenanthrene-d10	17.94	188	2339495	5.00	ng	0.02
19) Chrysene-d12	24.28	240	2188736	5.00	ng	0.02
25) Perylene-d12	27.43	264	2084072	5.00	ng	0.02
System Monitoring Compounds						
5) Nitrobenzene-d5	8.71	82	6578620	113.01	ng	0.03
9) 2-Fluorobiphenyl	12.88	172	8814406	108.83	ng	0.03
21) Terphenyl-d14	21.90	244	8964611	111.05	ng	0.04
Target Compounds						
6) Naphthalene	10.31	128	5604	0.04	ng	# 95
22) Benzo(a)anthracene	24.27	228	6945	0.07	ng	# 76

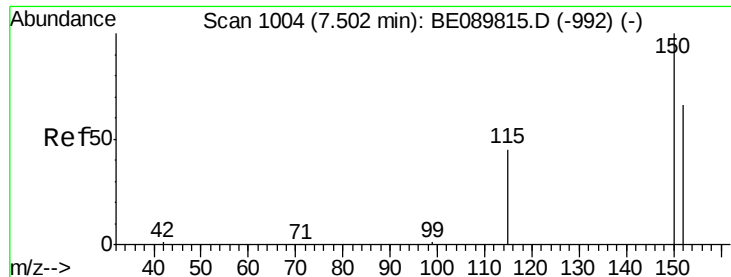
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BE089851.D

Acq: 26 Mar 2015 00:10

Instrument :

BNA_E

ClientSampleId :

FB-031715

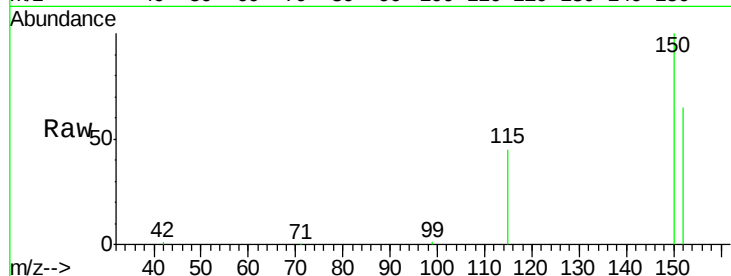
Tgt Ion:152 Resp: 882687

Ion Ratio Lower Upper

152 100

150 154.6 125.5 188.3

115 70.2 58.0 87.0

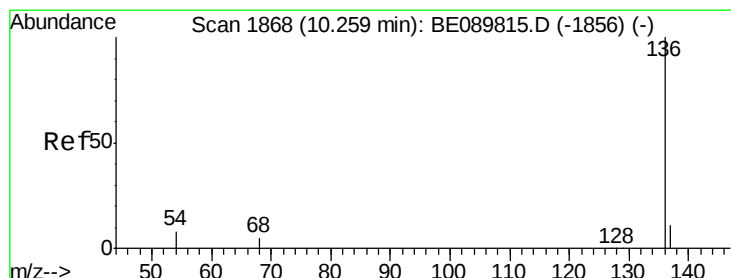
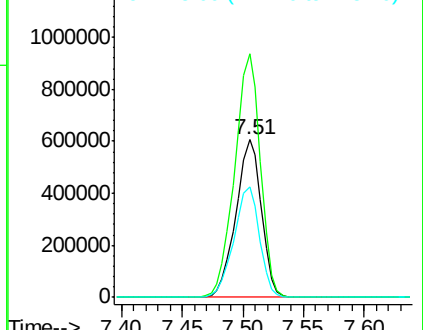
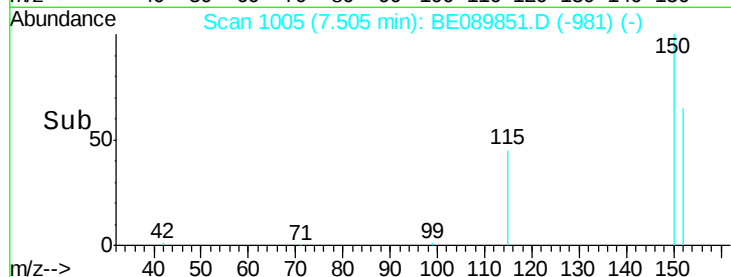


Abundance

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: 10.27 min Scan# 1870

Delta R.T. 0.01 min

Lab File: BE089851.D

Acq: 26 Mar 2015 00:10

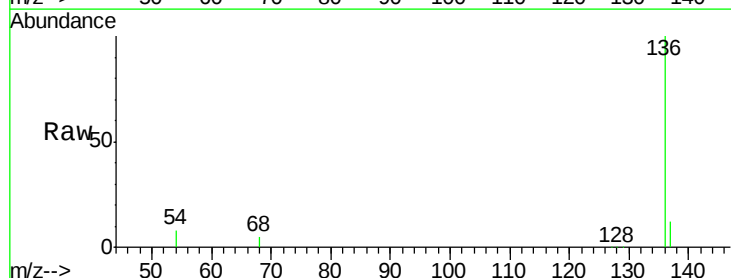
Tgt Ion:136 Resp: 3123328

Ion Ratio Lower Upper

136 100

137 11.7 8.8 13.2

54 7.9 7.0 10.4

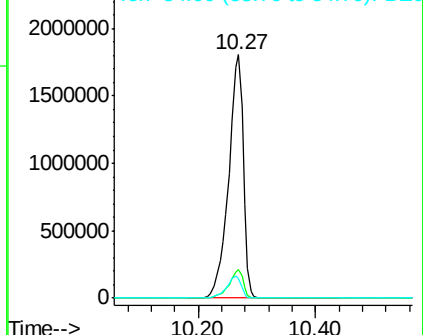
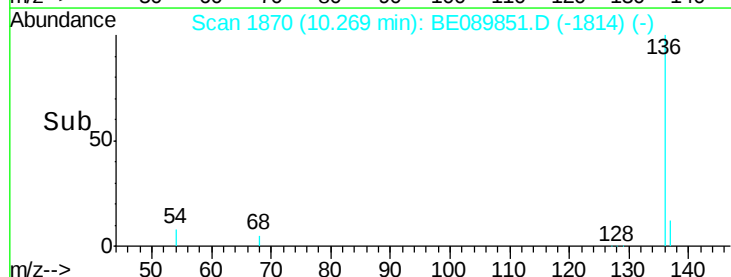


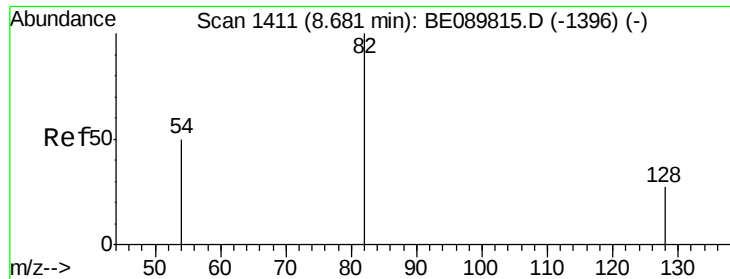
Abundance

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: 113.01 ng

RT: 8.71 min Scan# 1425

Delta R.T. 0.03 min

Lab File: BE089851.D

Acq: 26 Mar 2015 00:10

Instrument :

BNA_E

ClientSampleId :

FB-031715

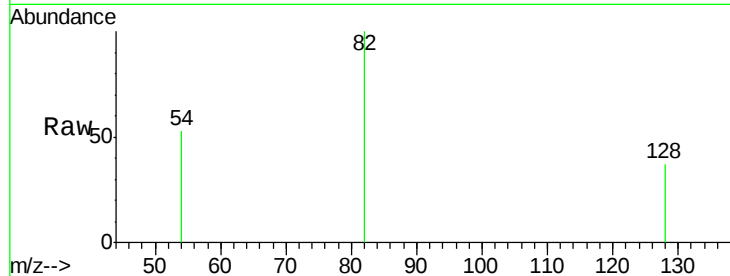
Tgt Ion: 82 Resp: 6578620

Ion Ratio Lower Upper

82 100

128 36.9 24.6 37.0

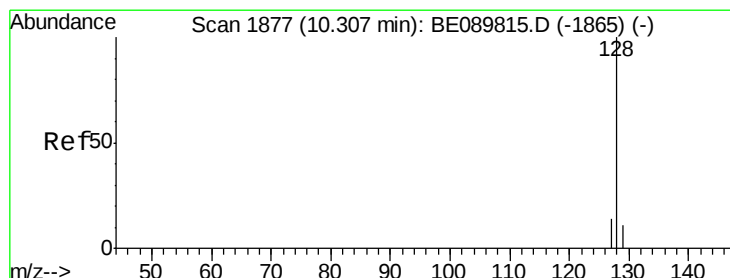
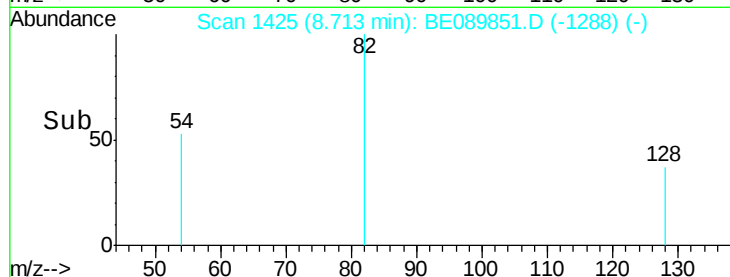
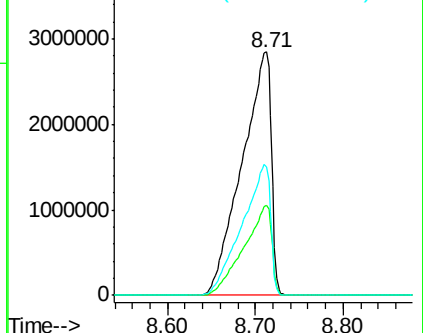
54 53.0 43.0 64.6



Abundance Ion 82.00 (81.70 to 82.70): BE089815.D (-1396) (-)

Ion 128.00 (127.70 to 128.70): BE089815.D (-1396) (-)

Ion 54.00 (53.70 to 54.70): BE089815.D (-1396) (-)



#6

Naphthalene

Concen: 0.04 ng

RT: 10.31 min Scan# 1877

Delta R.T. 0.00 min

Lab File: BE089851.D

Acq: 26 Mar 2015 00:10

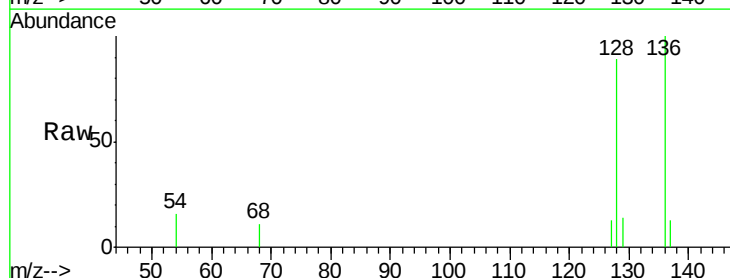
Tgt Ion: 128 Resp: 5604

Ion Ratio Lower Upper

128 100

129 15.7 10.0 15.0#

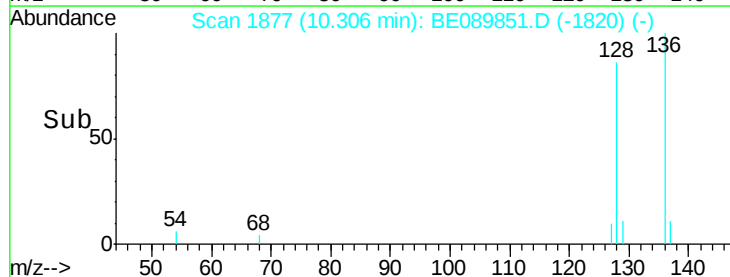
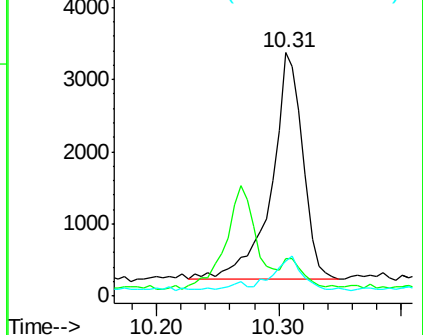
127 14.4 12.5 18.7

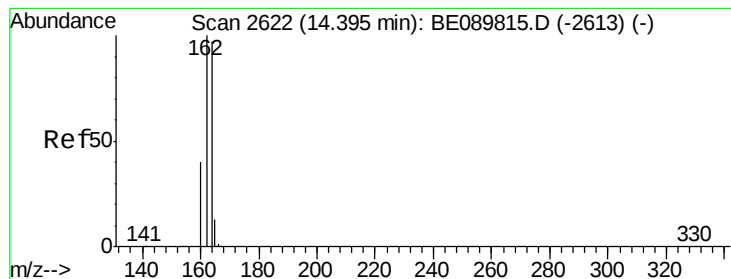


Abundance Ion 128.00 (127.70 to 128.70): BE089815.D (-1865) (-)

Ion 129.00 (128.70 to 129.70): BE089815.D (-1865) (-)

Ion 127.00 (126.70 to 127.70): BE089815.D (-1865) (-)





#8

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.40 min Scan# 2623

Delta R.T. 0.01 min

Lab File: BE089851.D

Acq: 26 Mar 2015 00:10

Instrument :

BNA_E

ClientSampleId :

FB-031715

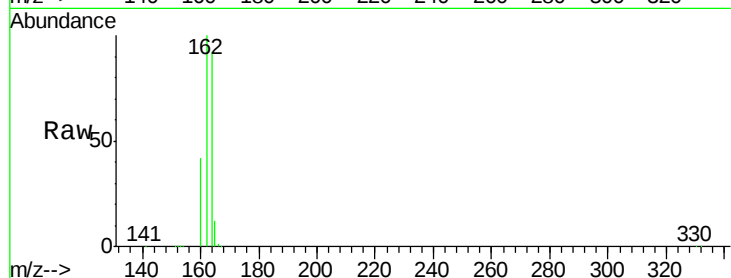
Tgt Ion:164 Resp: 1384482

Ion Ratio Lower Upper

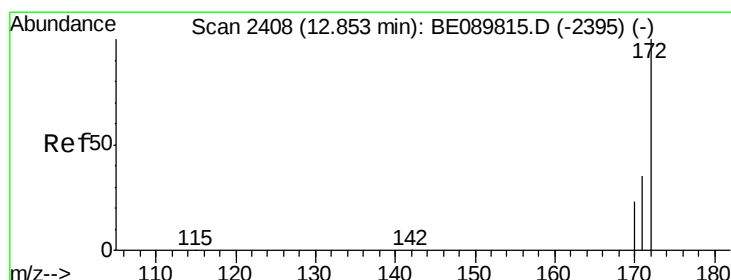
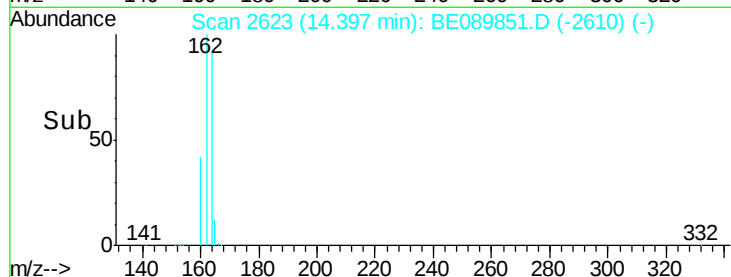
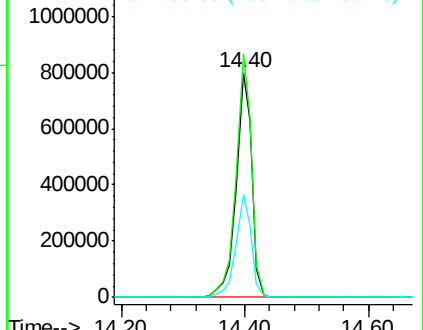
164 100

162 108.2 87.6 131.4

160 45.8 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: 108.83 ng

RT: 12.88 min Scan# 2414

Delta R.T. 0.03 min

Lab File: BE089851.D

Acq: 26 Mar 2015 00:10

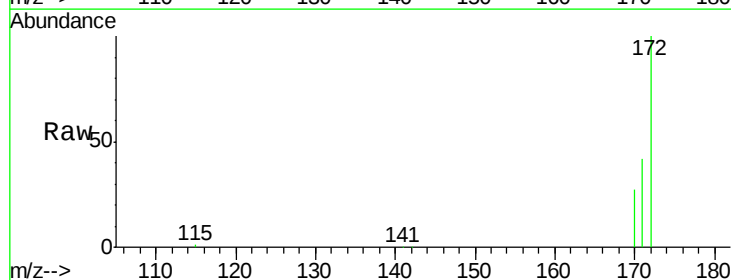
Tgt Ion:172 Resp: 8814406

Ion Ratio Lower Upper

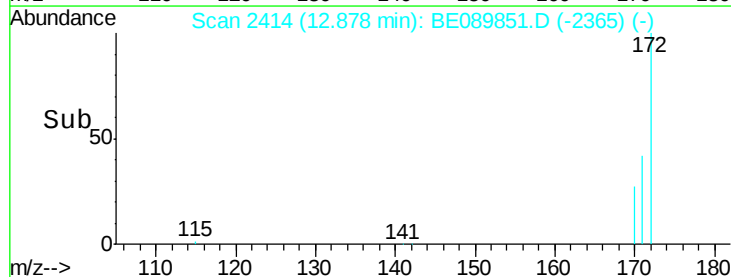
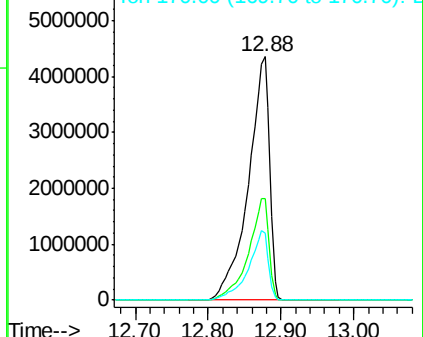
172 100

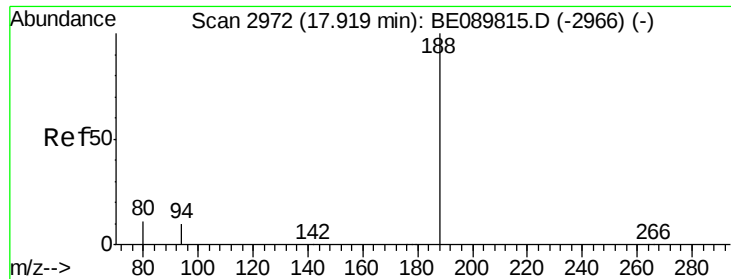
171 41.9 30.8 46.2

170 27.5 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

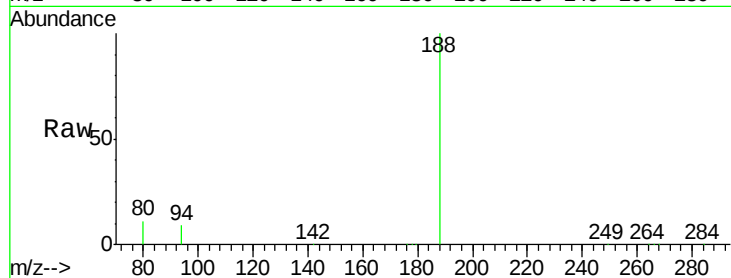




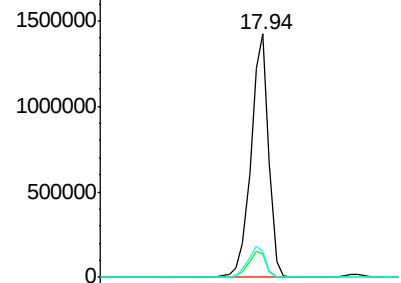
#13
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.94 min Scan# 2974
Delta R.T. 0.02 min
Lab File: BE089851.D
Acq: 26 Mar 2015 00:10

Instrument :
BNA_E
ClientSampleId :
FB-031715

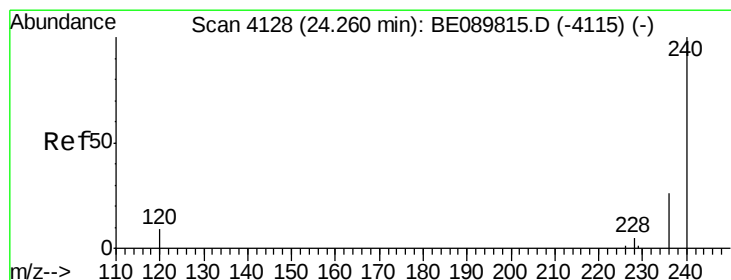
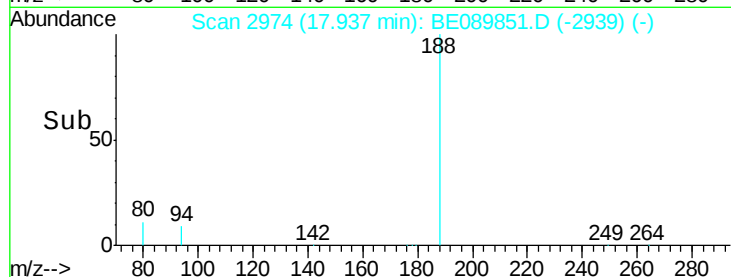
Tgt Ion:188 Resp: 2339495
Ion Ratio Lower Upper
188 100
94 9.4 8.5 12.7
80 10.7 10.0 15.0



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

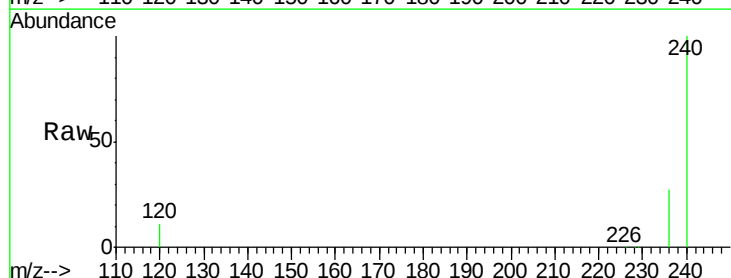


Time-->

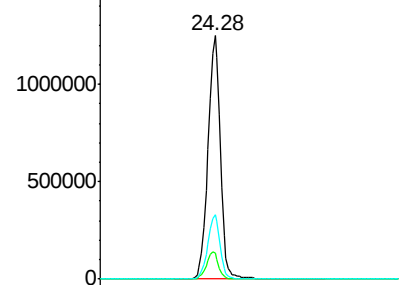


#19
Chrysene-d12
Concen: 5.00 ng
RT: 24.28 min Scan# 4132
Delta R.T. 0.02 min
Lab File: BE089851.D
Acq: 26 Mar 2015 00:10

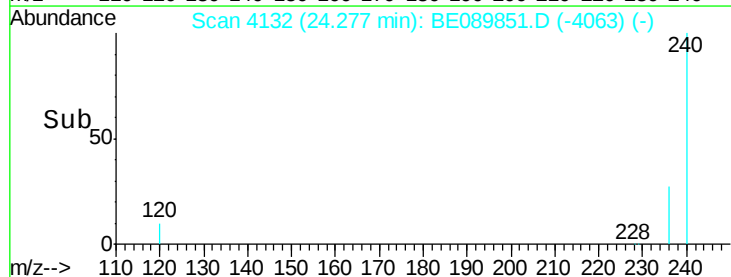
Tgt Ion:240 Resp: 2188736
Ion Ratio Lower Upper
240 100
120 10.5 7.5 11.3
236 26.7 20.5 30.7

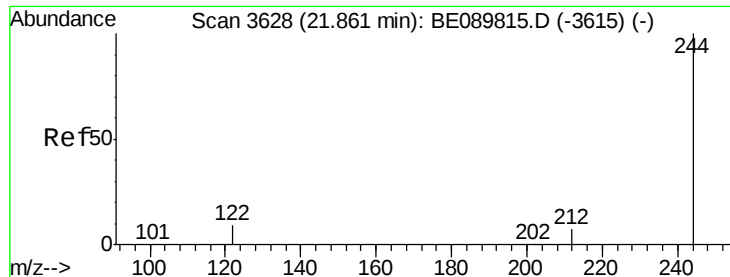


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



Time-->





#21

Terphenyl-d14

Concen: 111.05 ng

RT: 21.90 min Scan# 3635

Delta R.T. 0.04 min

Lab File: BE089851.D

Acq: 26 Mar 2015 00:10

Instrument :

BNA_E

ClientSampleId :

FB-031715

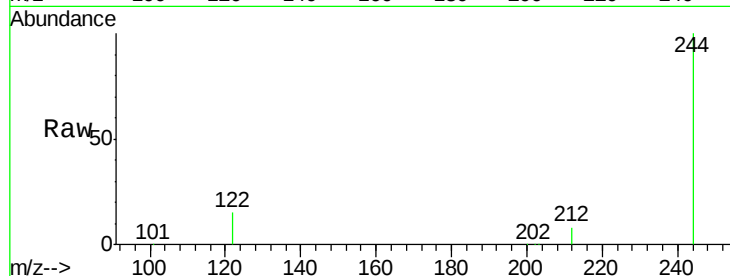
Tgt Ion:244 Resp: 8964611

Ion Ratio Lower Upper

244 100

212 8.2 7.3 10.9

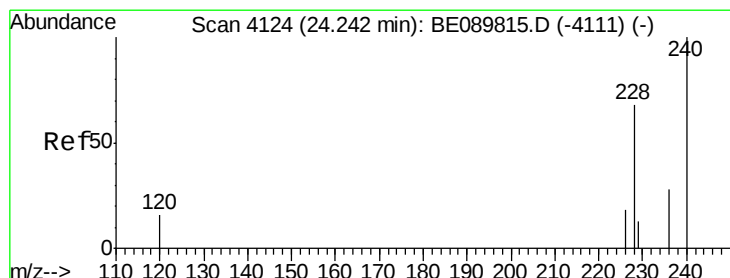
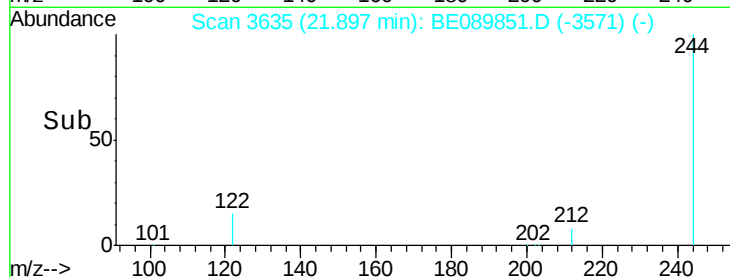
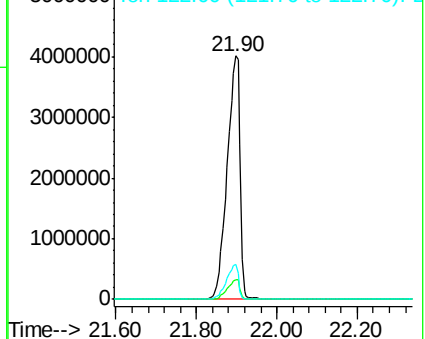
122 14.6 10.5 15.7



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



#22

Benzo(a)anthracene

Concen: 0.07 ng

RT: 24.27 min Scan# 4131

Delta R.T. 0.03 min

Lab File: BE089851.D

Acq: 26 Mar 2015 00:10

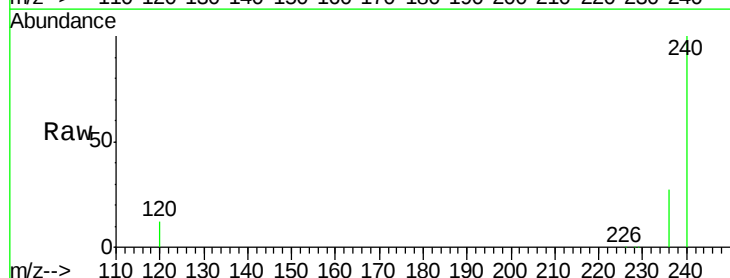
Tgt Ion:228 Resp: 6945

Ion Ratio Lower Upper

228 100

226 11.8 19.8 29.8#

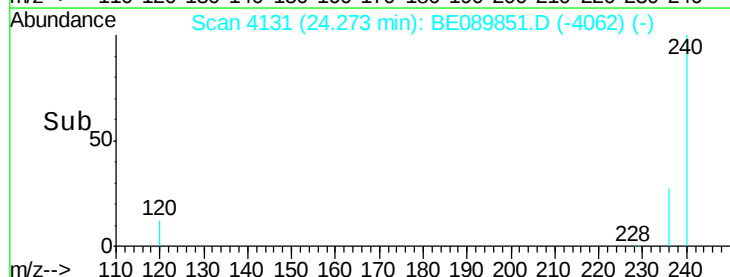
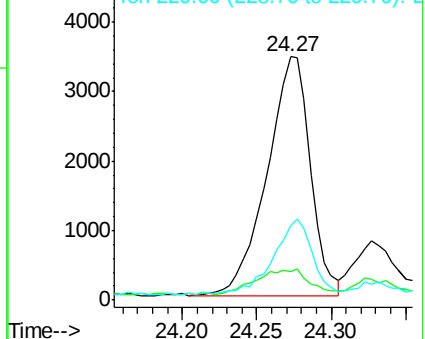
229 30.9 16.3 24.5#

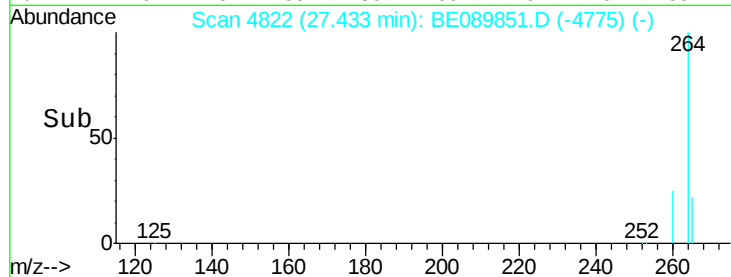
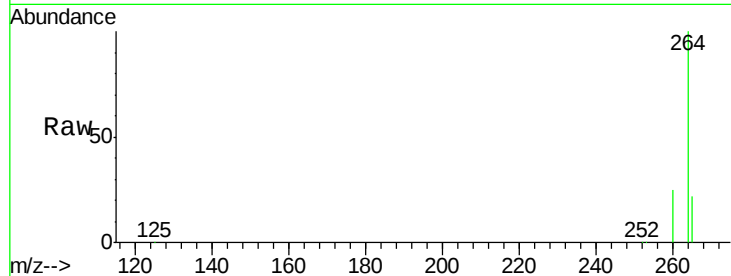
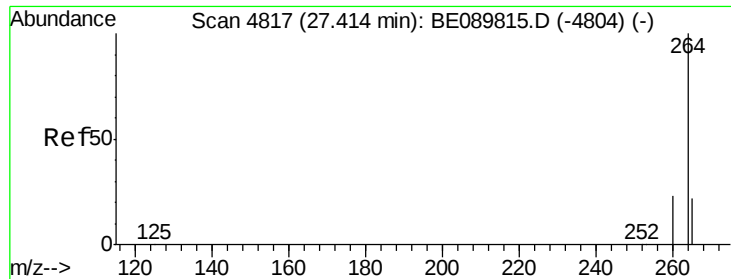


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#25

Perylene-d12

Concen: 5.00 ng

RT: 27.43 min Scan# 4822

Delta R.T. 0.02 min

Lab File: BE089851.D

Acq: 26 Mar 2015 00:10

Instrument :

BNA_E

ClientSampleId :

FB-031715

Tgt Ion: 264 Resp: 2084072

Ion Ratio Lower Upper

264 100

260 24.7 18.2 27.2

265 22.1 17.3 25.9

