

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE032515\
 Data File : BE089850.D
 Acq On : 25 Mar 2015 23:29
 Operator : TP/JJ
 Sample : G1575-13
 Misc :
 ALS Vial : 24 Sample Multiplier: 4

Instrument :
 BNA_E
 ClientSampleId :
 FB-031815

Quant Time: Mar 26 07:53:12 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

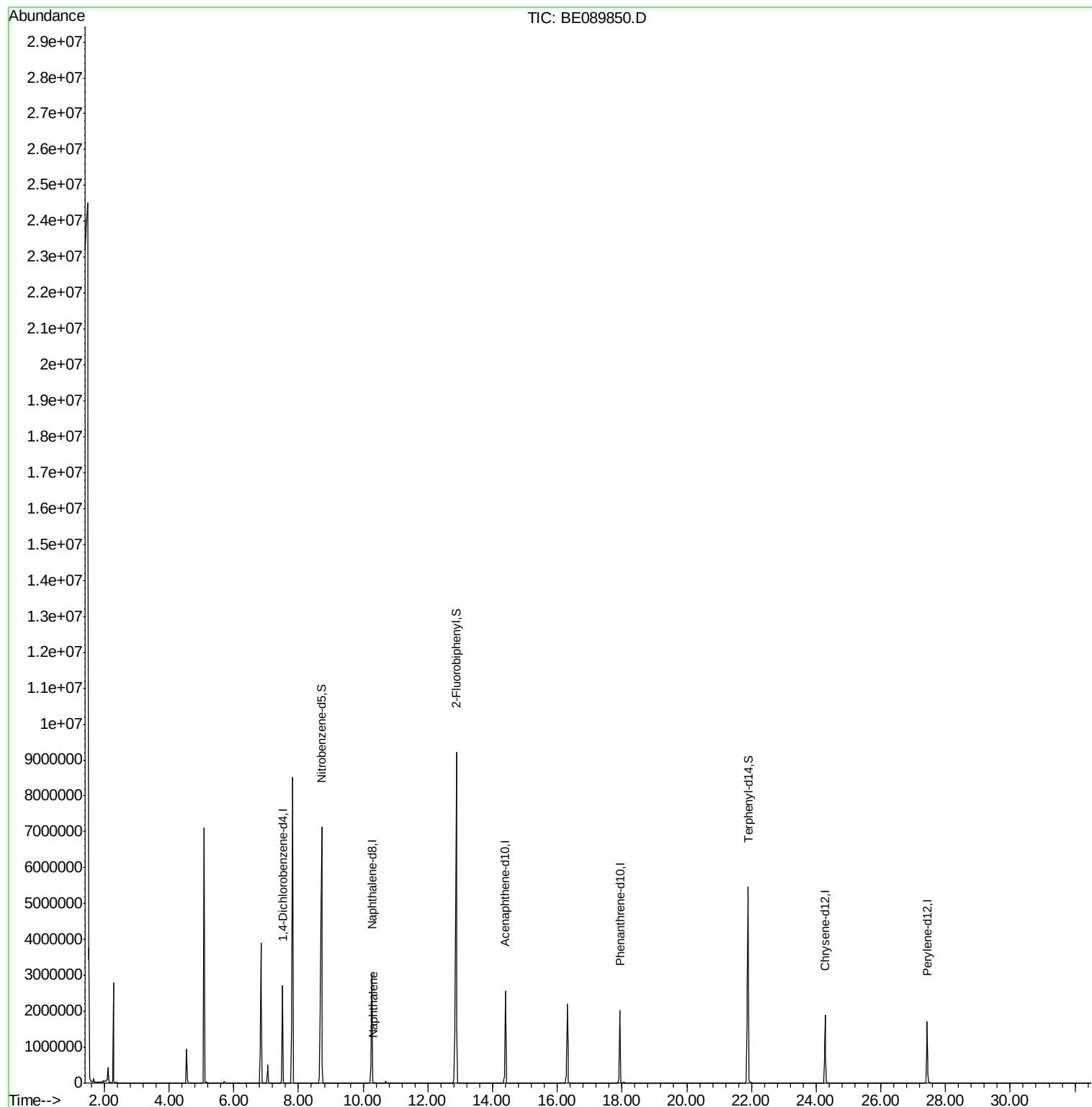
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	1241665	5.00	ng	0.00
4) Naphthalene-d8	10.27	136	4190784	5.00	ng	0.01
8) Acenaphthene-d10	14.40	164	1800618	5.00	ng	0.01
13) Phenanthrene-d10	17.94	188	2827661	5.00	ng	0.02
19) Chrysene-d12	24.28	240	2449920	5.00	ng	0.02
25) Perylene-d12	27.44	264	2281539	5.00	ng	0.02
System Monitoring Compounds						
5) Nitrobenzene-d5	8.72	82	9413635	120.45	ng	0.04
9) 2-Fluorobiphenyl	12.88	172	11671433	110.80	ng	0.03
21) Terphenyl-d14	21.90	244	10511905	116.33	ng	0.04
Target Compounds						Qvalue
6) Naphthalene	10.31	128	19275	0.09	ng	99
7) 2-Methylnaphthalene	11.94	142	6693	0.06	ng	96
12) Fluorene	15.71	166	2837	0.02	ng	# 76
16) Phenanthrene	17.98	178	11906	0.08	ng	100
18) Fluoranthene	20.83	202	4900	0.03	ng	99
20) Pyrene	21.35	202	5685	0.04	ng	97
22) Benzo(a)anthracene	24.28	228	8788	0.08	ng	# 74
23) Chrysene	24.33	228	2519	0.02	ng	# 88

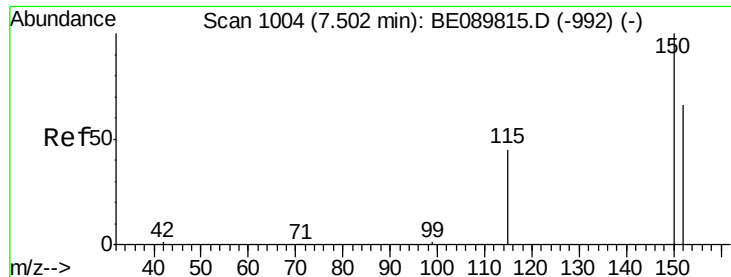
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE032515\
Data File : BE089850.D
Acq On : 25 Mar 2015 23:29
Operator : TP/JJ
Sample : G1575-13
Misc :
ALS Vial : 24 Sample Multiplier: 4

Instrument :
BNA_E
ClientSampleId :
FB-031815

Quant Time: Mar 26 07:53:12 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





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.51 min Scan# 1005

Delta R.T. 0.01 min

Lab File: BE089850.D

Acq: 25 Mar 2015 23:29

Instrument :

BNA_E

ClientSampleId :

FB-031815

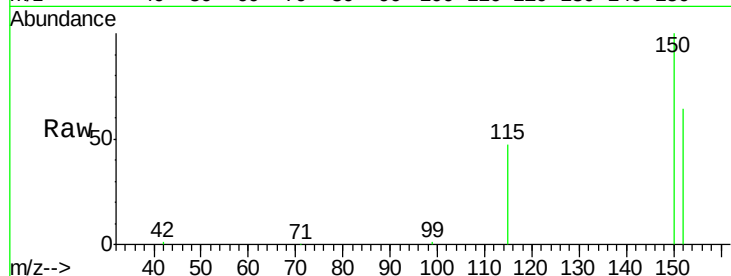
Tgt Ion:152 Resp: 1241665

Ion Ratio Lower Upper

152 100

150 155.4 125.5 188.3

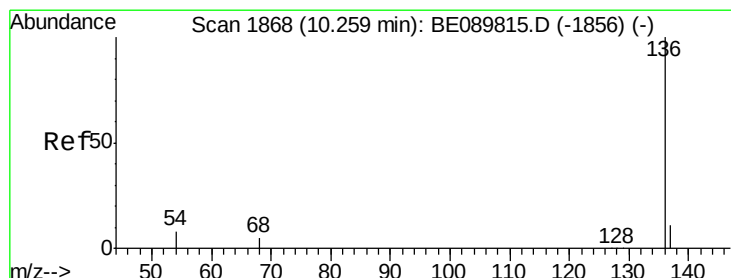
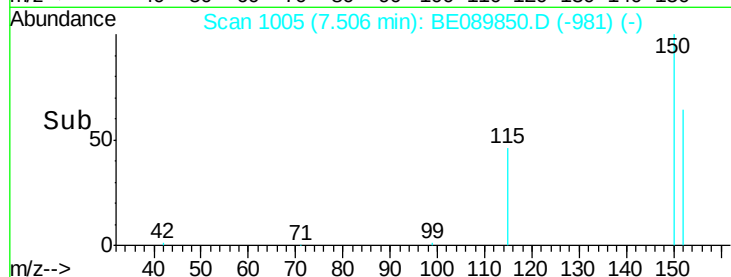
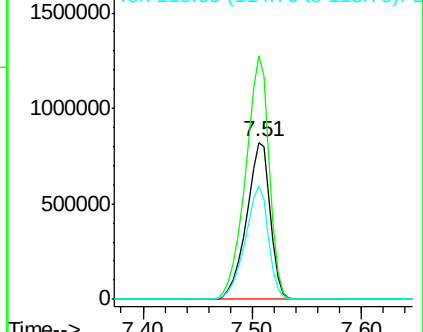
115 72.3 58.0 87.0



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: BE089850.D

Acq: 25 Mar 2015 23:29

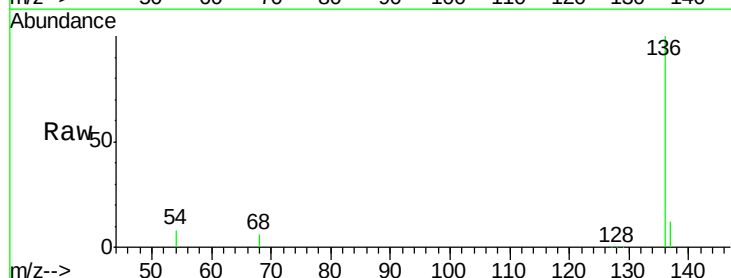
Tgt Ion:136 Resp: 4190784

Ion Ratio Lower Upper

136 100

137 12.0 8.8 13.2

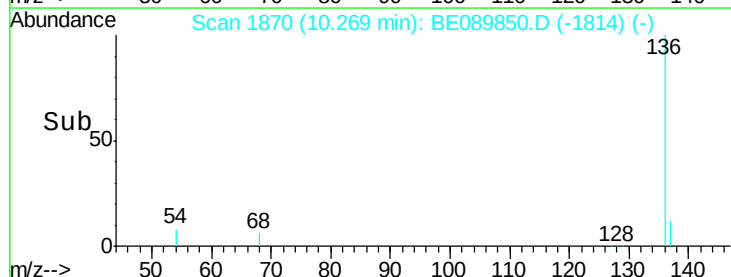
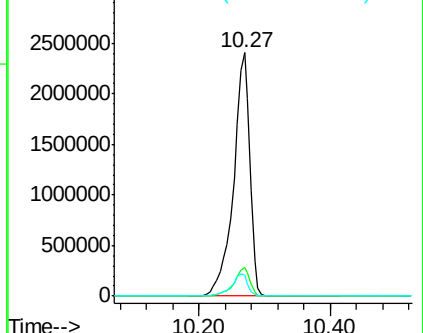
54 8.3 7.0 10.4

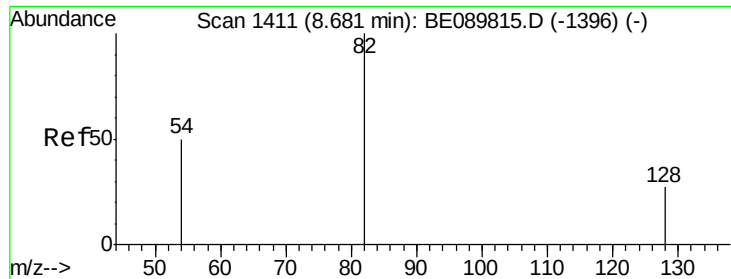


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0





#5

Nitrobenzene-d5

Concen: 120.45 ng

RT: 8.72 min Scan# 1427

Delta R.T. 0.04 min

Lab File: BE089850.D

Acq: 25 Mar 2015 23:29

Instrument :

BNA_E

ClientSampleId :

FB-031815

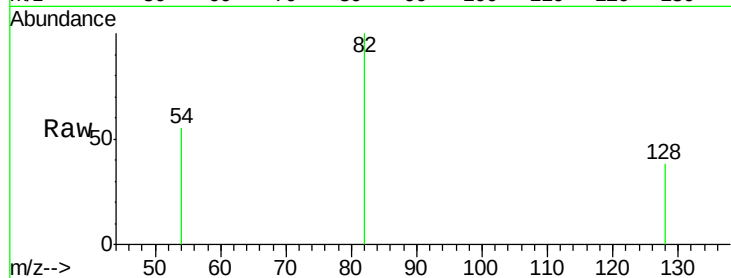
Tgt Ion: 82 Resp: 9413635

Ion Ratio Lower Upper

82 100

128 38.3 24.6 37.0#

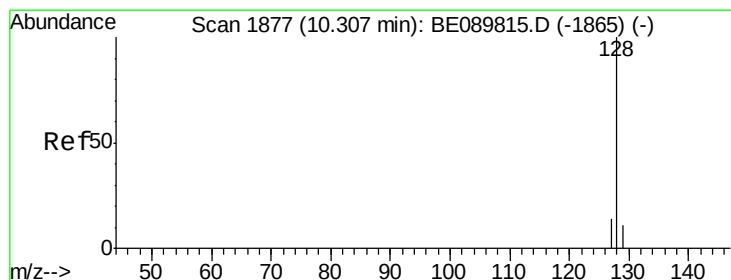
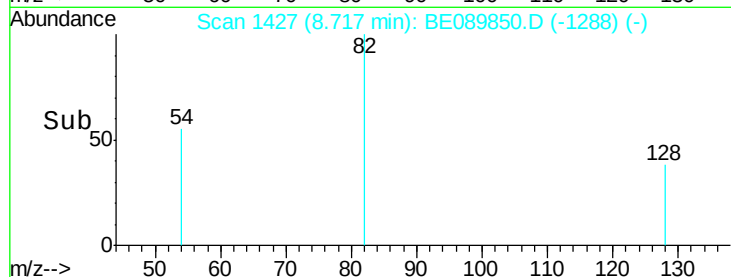
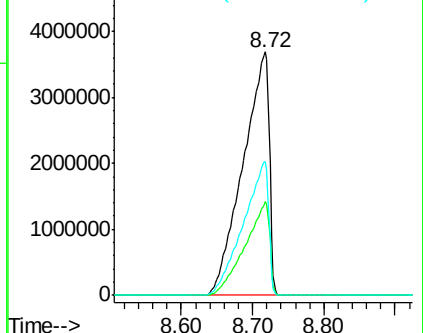
54 55.1 43.0 64.6



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: 0.09 ng

RT: 10.31 min Scan# 1878

Delta R.T. 0.01 min

Lab File: BE089850.D

Acq: 25 Mar 2015 23:29

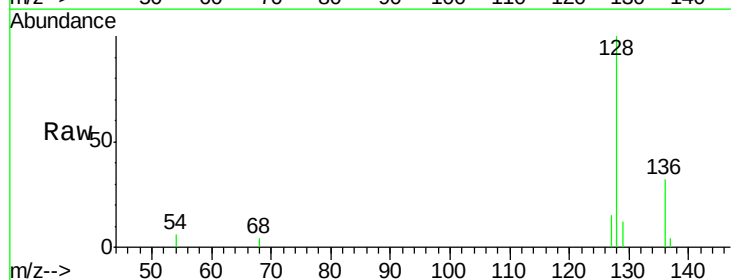
Tgt Ion: 128 Resp: 19275

Ion Ratio Lower Upper

128 100

129 12.1 10.0 15.0

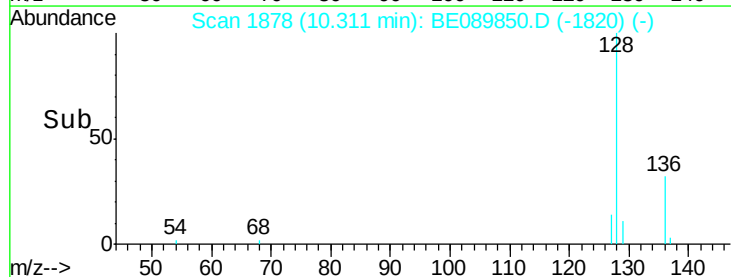
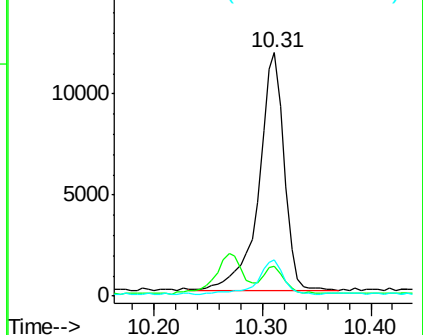
127 15.1 12.5 18.7

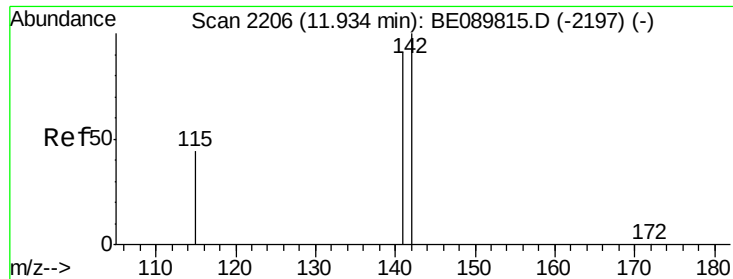


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#7

2-Methylnaphthalene

Concen: 0.06 ng

RT: 11.94 min Scan# 2207

Delta R.T. 0.00 min

Lab File: BE089850.D

Acq: 25 Mar 2015 23:29

Instrument :

BNA_E

ClientSampleId :

FB-031815

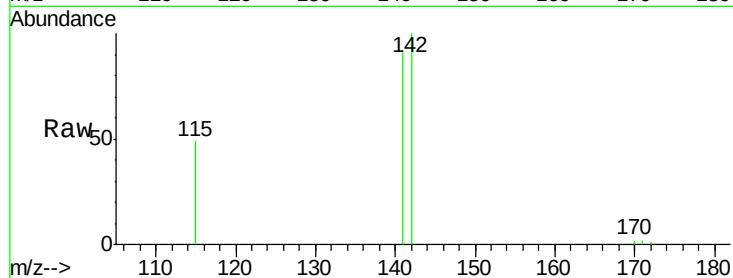
Tgt Ion:142 Resp: 6693

Ion Ratio Lower Upper

142 100

141 91.2 72.8 109.2

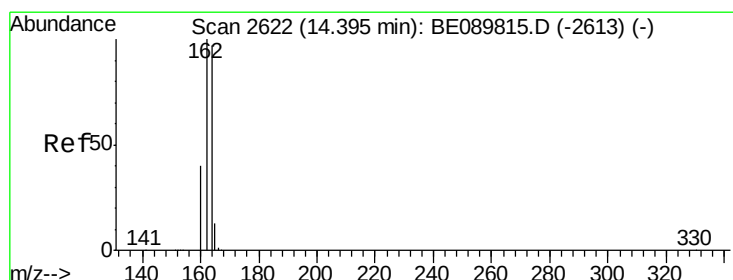
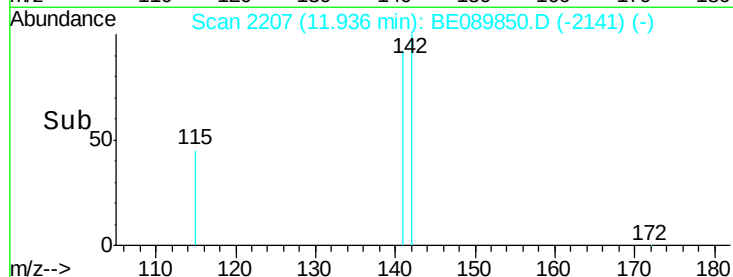
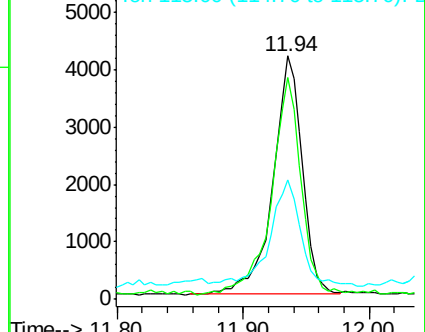
115 49.3 32.9 49.3



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#8

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.40 min Scan# 2623

Delta R.T. 0.01 min

Lab File: BE089850.D

Acq: 25 Mar 2015 23:29

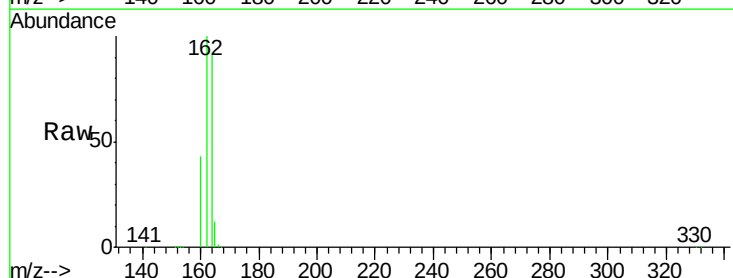
Tgt Ion:164 Resp: 1800618

Ion Ratio Lower Upper

164 100

162 108.6 87.6 131.4

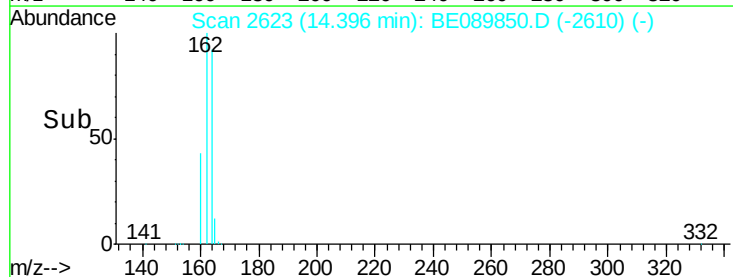
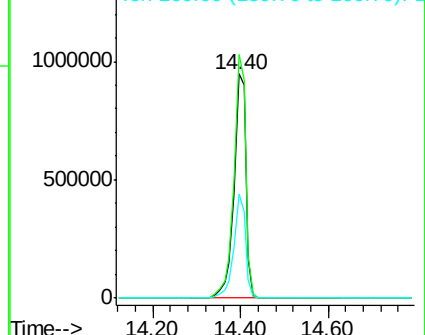
160 46.7 36.7 55.1

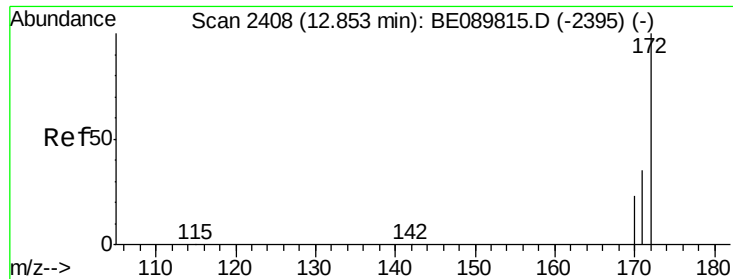


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#9

2-Fluorobiphenyl

Concen: 110.80 ng

RT: 12.88 min Scan# 2414

Delta R.T. 0.03 min

Lab File: BE089850.D

Acq: 25 Mar 2015 23:29

Instrument :

BNA_E

ClientSampleId :

FB-031815

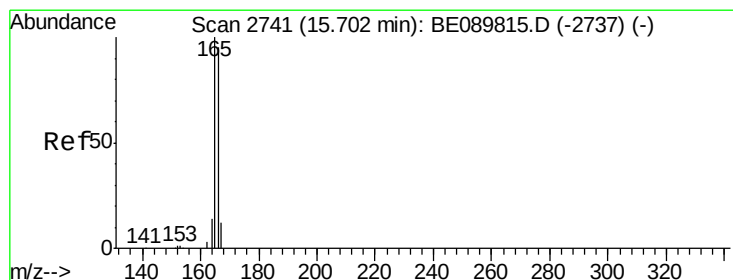
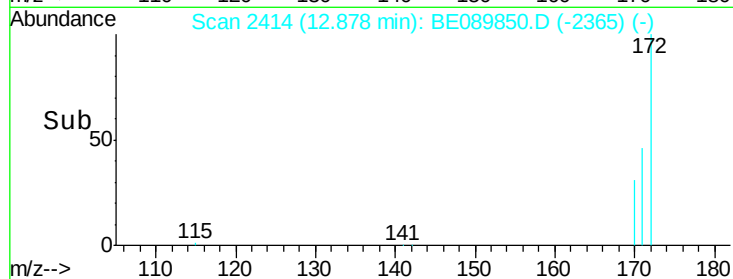
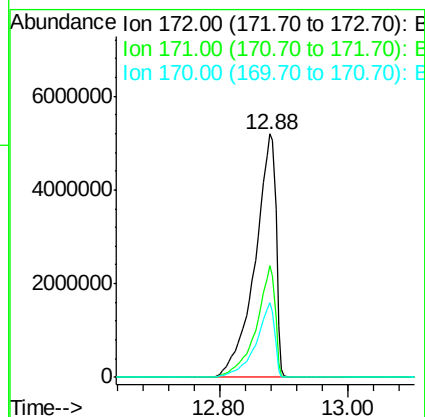
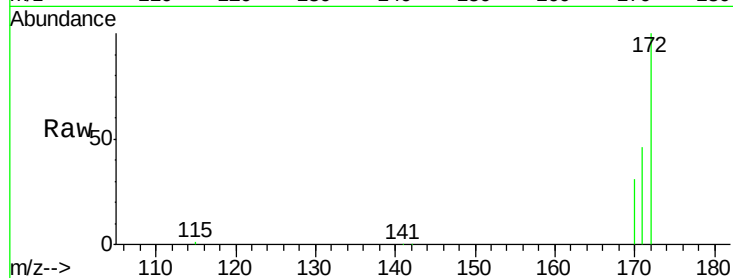
Tgt Ion:172 Resp:11671433

Ion Ratio Lower Upper

172 100

171 45.7 30.8 46.2

170 30.8 21.0 31.4



#12

Fluorene

Concen: 0.02 ng

RT: 15.71 min Scan# 2743

Delta R.T. -0.00 min

Lab File: BE089850.D

Acq: 25 Mar 2015 23:29

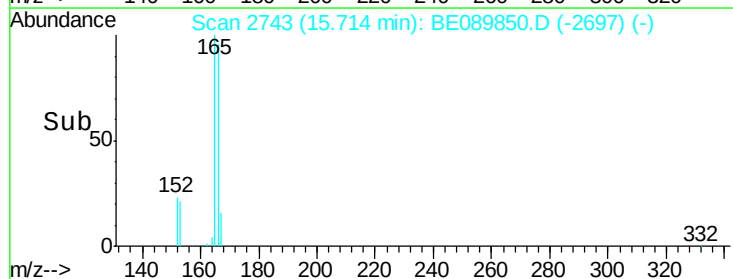
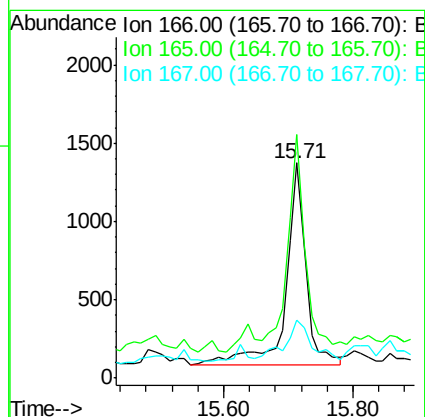
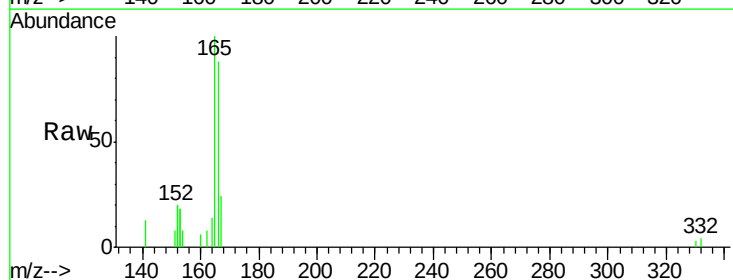
Tgt Ion:166 Resp: 2837

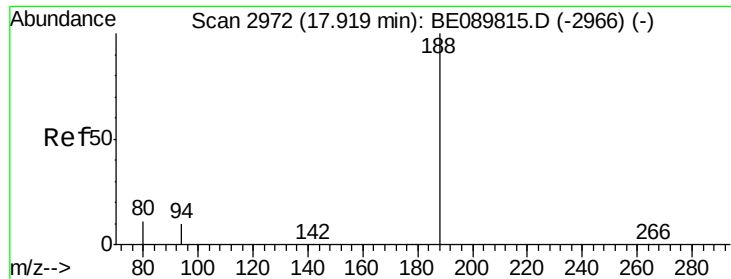
Ion Ratio Lower Upper

166 100

165 82.5 85.1 127.7#

167 28.5 12.2 18.4#

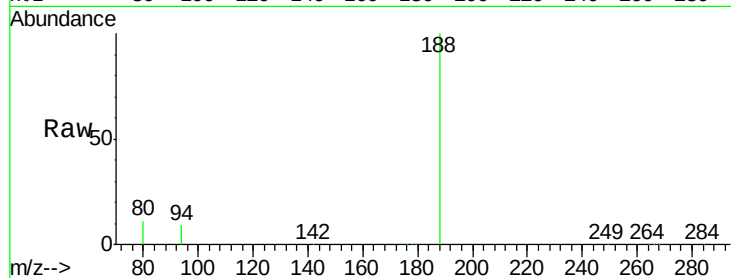




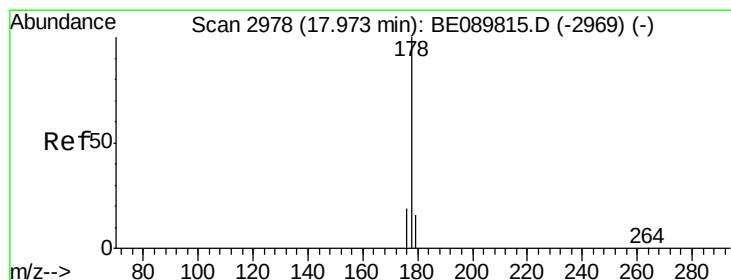
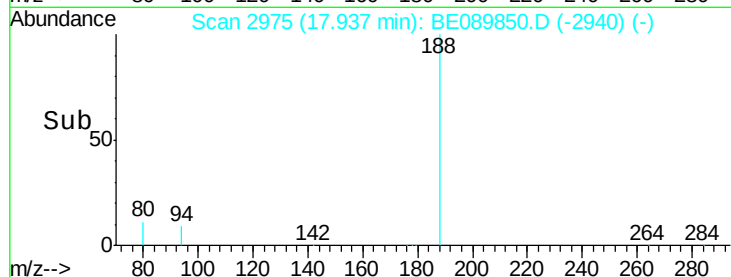
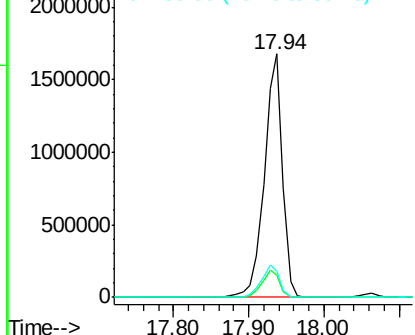
#13
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.94 min Scan# 2975
Delta R.T. 0.02 min
Lab File: BE089850.D
Acq: 25 Mar 2015 23:29

Instrument :
BNA_E
ClientSampleId :
FB-031815

Tgt Ion:188 Resp: 2827661
Ion Ratio Lower Upper
188 100
94 9.4 8.5 12.7
80 10.9 10.0 15.0

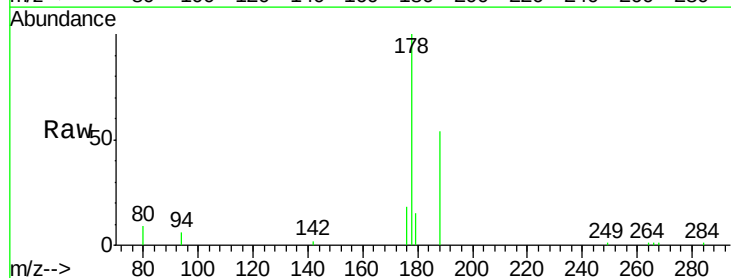


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BE0
Ion 80.00 (79.70 to 80.70): BE0

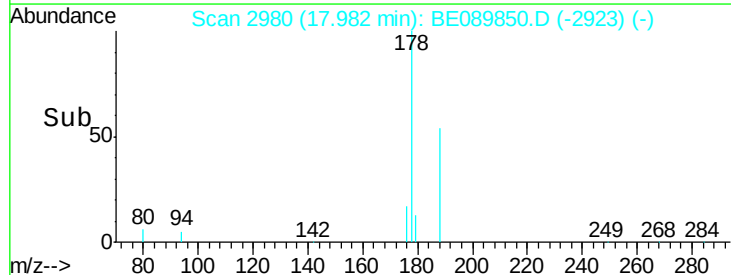
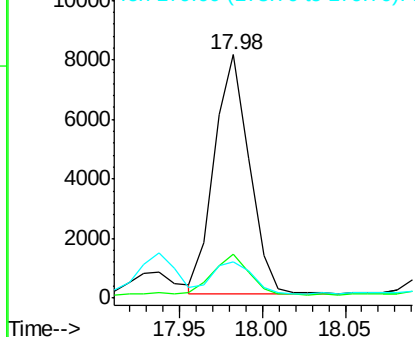


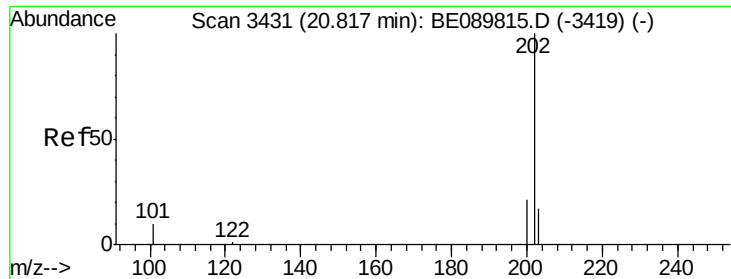
#16
Phenanthrene
Concen: 0.08 ng
RT: 17.98 min Scan# 2980
Delta R.T. 0.01 min
Lab File: BE089850.D
Acq: 25 Mar 2015 23:29

Tgt Ion:178 Resp: 11906
Ion Ratio Lower Upper
178 100
176 19.1 15.4 23.0
179 15.1 12.2 18.4



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

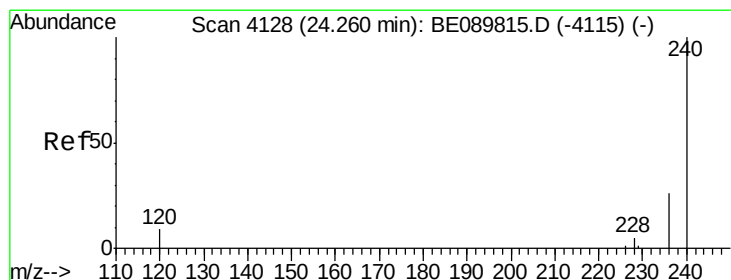
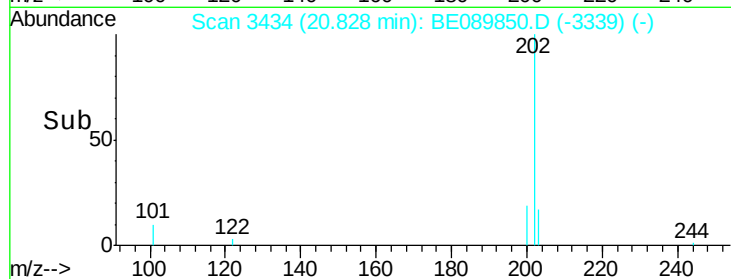
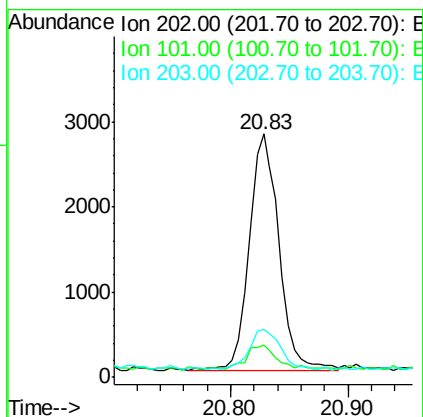
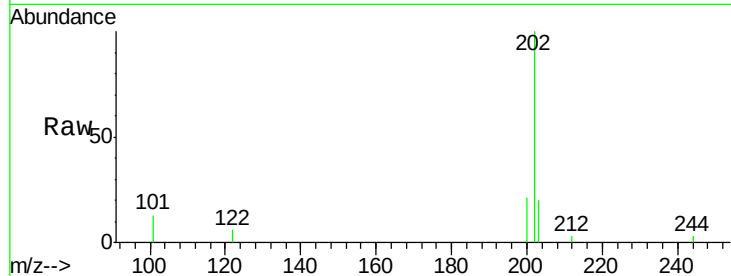




#18
 Fluoranthene
 Concen: 0.03 ng
 RT: 20.83 min Scan# 3434
 Delta R.T. 0.01 min
 Lab File: BE089850.D
 Acq: 25 Mar 2015 23:29

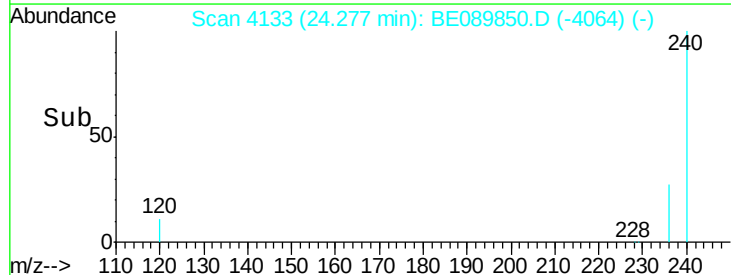
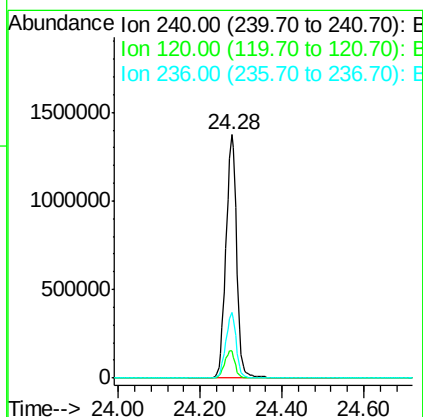
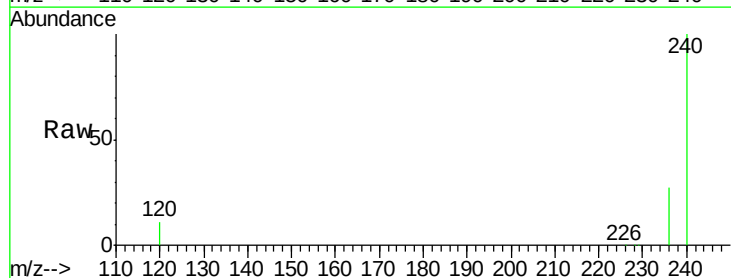
Instrument :
 BNA_E
 ClientSampleId :
 FB-031815

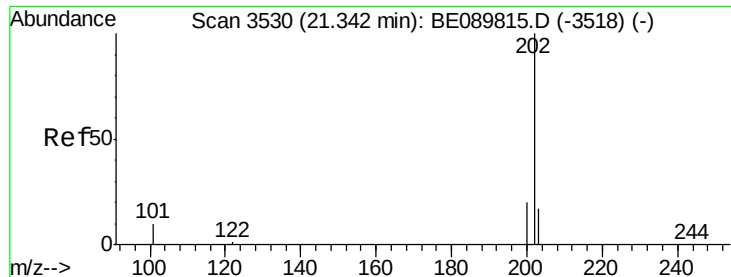
Tgt Ion:202 Resp: 4900
 Ion Ratio Lower Upper
 202 100
 101 11.6 8.2 12.2
 203 17.7 14.2 21.4



#19
 Chrysene-d12
 Concen: 5.00 ng
 RT: 24.28 min Scan# 4133
 Delta R.T. 0.02 min
 Lab File: BE089850.D
 Acq: 25 Mar 2015 23:29

Tgt Ion:240 Resp: 2449920
 Ion Ratio Lower Upper
 240 100
 120 11.2 7.5 11.3
 236 26.9 20.5 30.7





#20

Pyrene

Concen: 0.04 ng

RT: 21.35 min Scan# 3533

Delta R.T. 0.01 min

Lab File: BE089850.D

Acq: 25 Mar 2015 23:29

Instrument :

BNA_E

ClientSampleId :

FB-031815

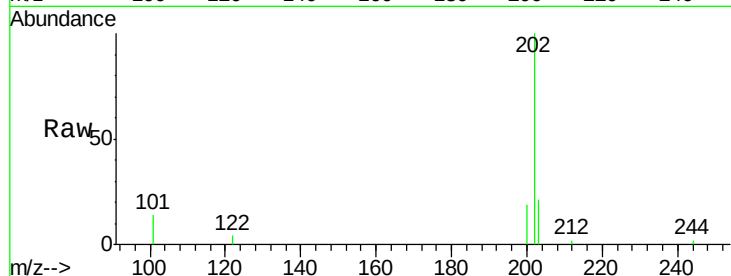
Tgt Ion: 202 Resp: 5685

Ion Ratio Lower Upper

202 100

200 20.7 15.9 23.9

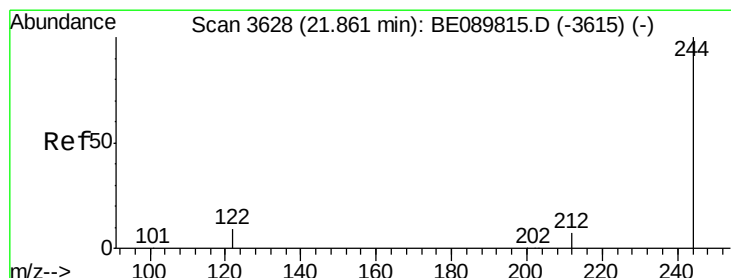
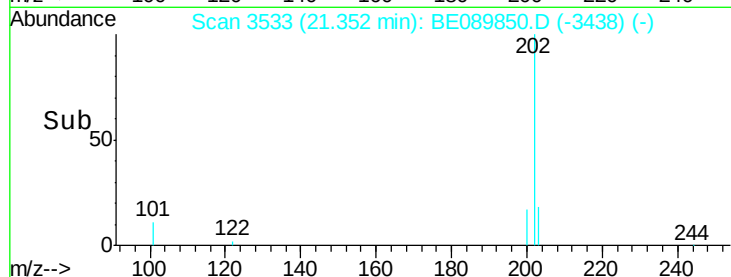
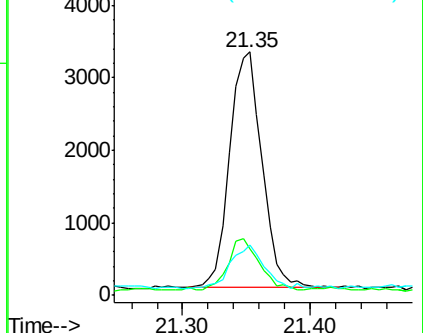
203 19.2 13.6 20.4



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: 116.33 ng

RT: 21.90 min Scan# 3637

Delta R.T. 0.04 min

Lab File: BE089850.D

Acq: 25 Mar 2015 23:29

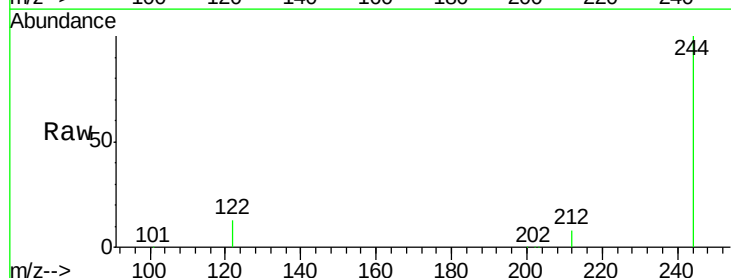
Tgt Ion: 244 Resp: 10511905

Ion Ratio Lower Upper

244 100

212 8.4 7.3 10.9

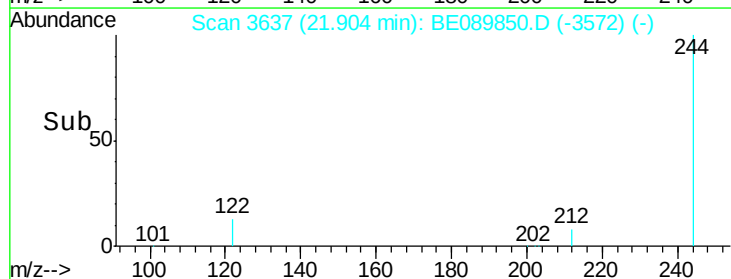
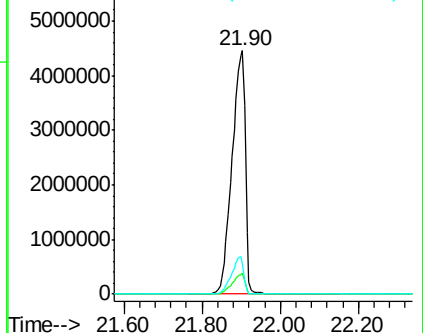
122 13.0 10.5 15.7

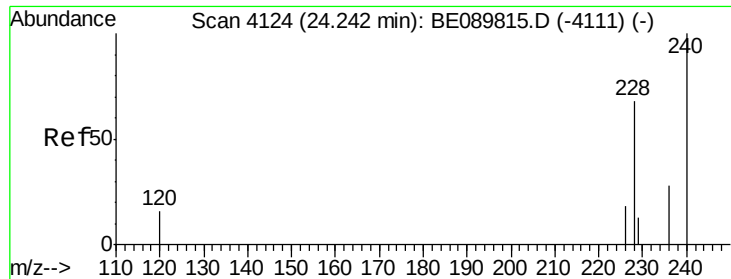


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#22

Benzo(a)anthracene

Concen: 0.08 ng

RT: 24.28 min Scan# 4133

Delta R.T. 0.03 min

Lab File: BE089850.D

Acq: 25 Mar 2015 23:29

Instrument :

BNA_E

ClientSampleId :

FB-031815

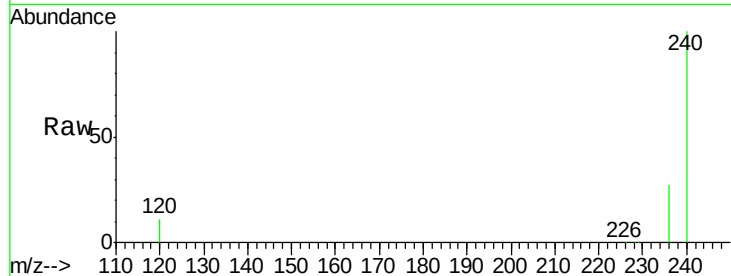
Tgt Ion:228 Resp: 8788

Ion Ratio Lower Upper

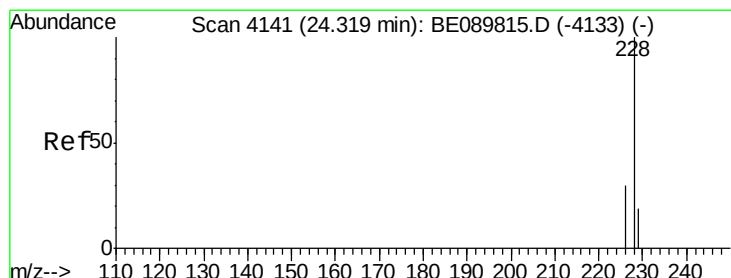
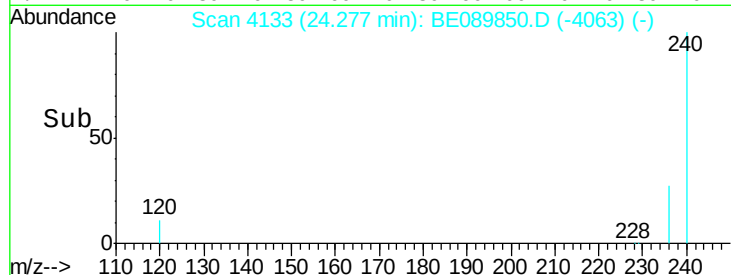
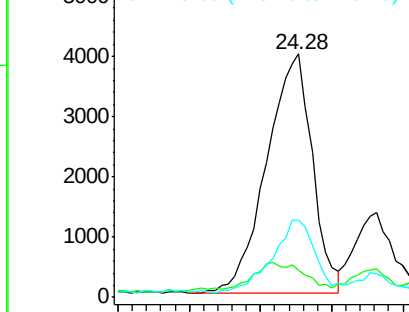
228 100

226 11.4 19.8 29.8#

229 32.0 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



#23

Chrysene

Concen: 0.02 ng

RT: 24.33 min Scan# 4145

Delta R.T. 0.02 min

Lab File: BE089850.D

Acq: 25 Mar 2015 23:29

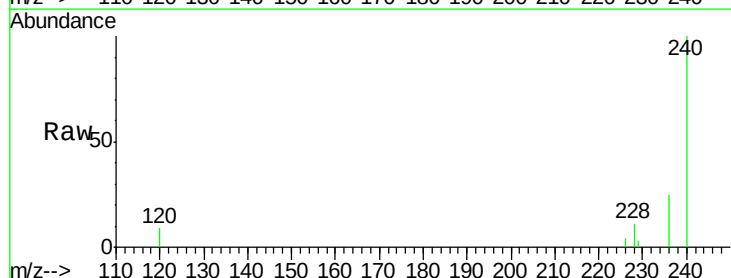
Tgt Ion:228 Resp: 2519

Ion Ratio Lower Upper

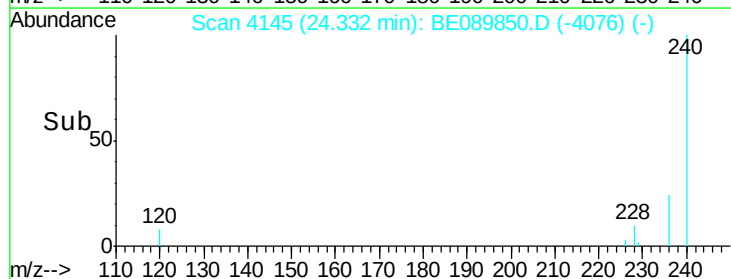
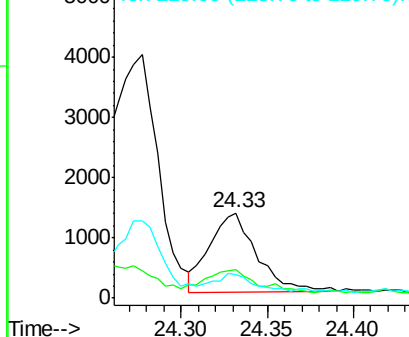
228 100

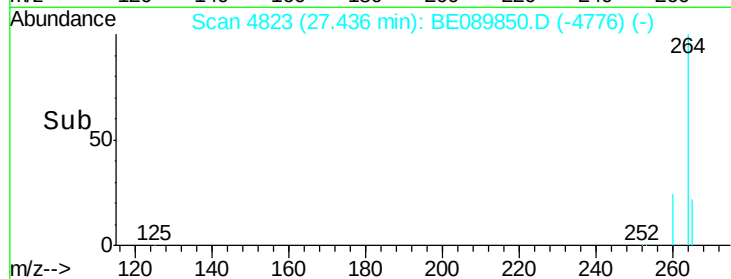
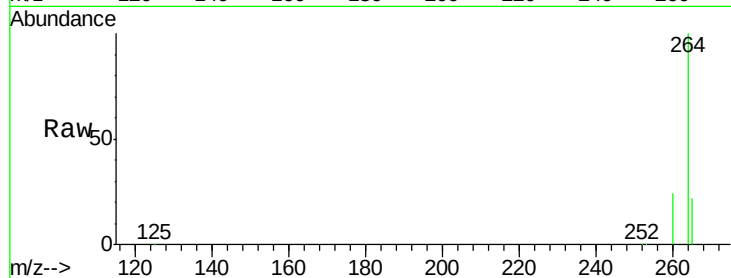
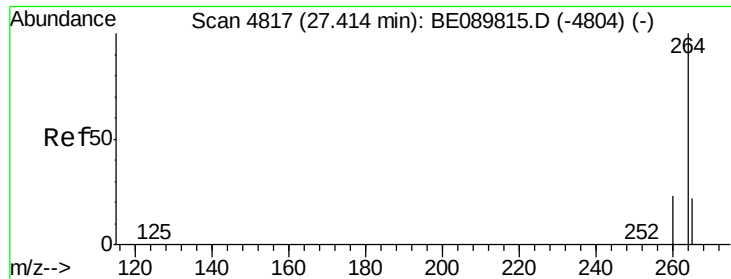
226 33.5 23.0 34.4

229 26.8 15.8 23.6#



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: 27.44 min Scan# 4823

Delta R.T. 0.02 min

Lab File: BE089850.D

Acq: 25 Mar 2015 23:29

Instrument :

BNA_E

ClientSampleId :

FB-031815

Tgt Ion:264 Resp: 2281539

Ion Ratio Lower Upper

264 100

260 24.2 18.2 27.2

265 22.4 17.3 25.9

