

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: 1

Instrument :
 BNA_E
 ClientSampleId :
 FB-031815

Quant Time: Mar 26 03:30:04 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

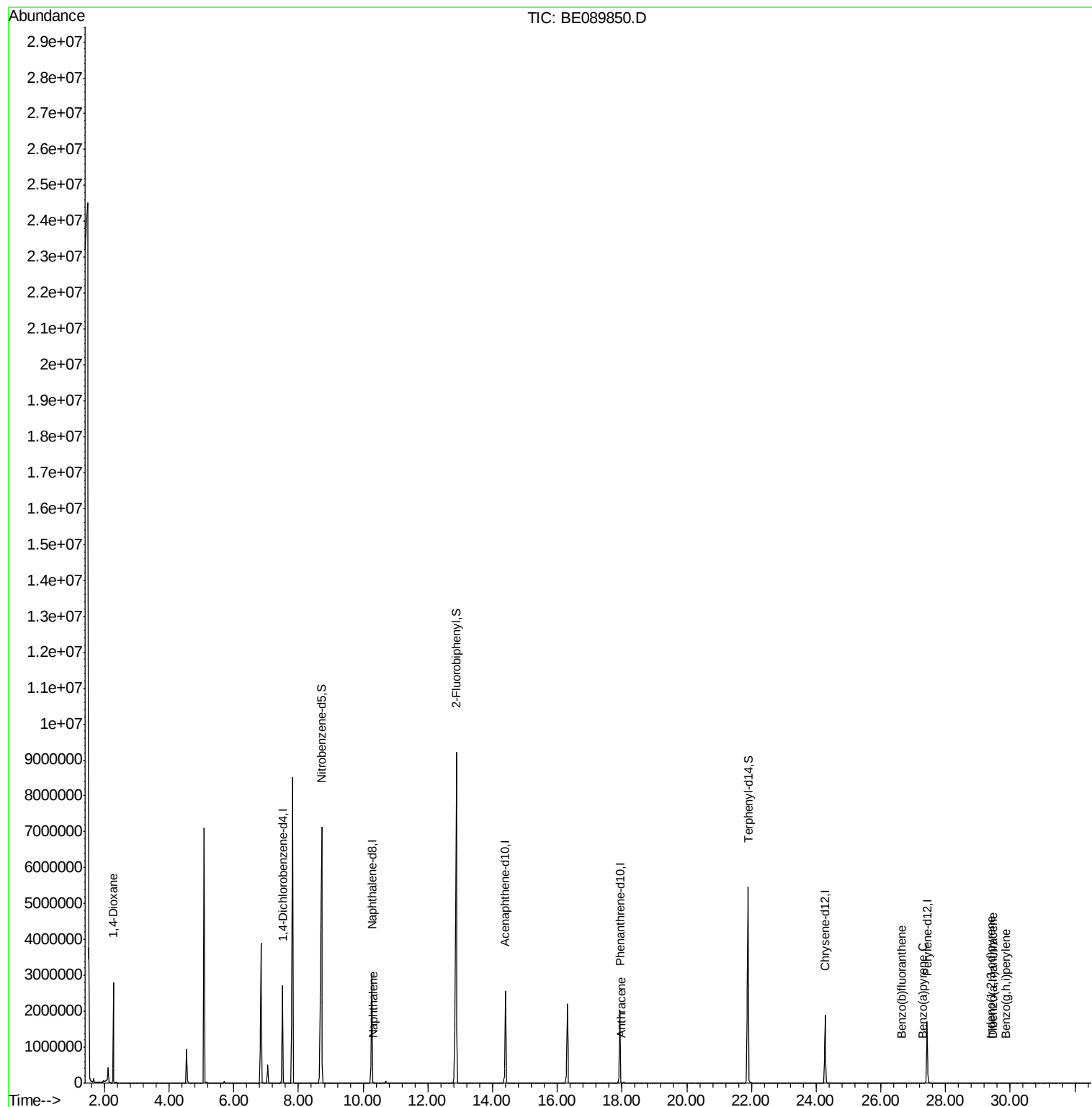
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	1241665	5.00	ng	0.00
4) Naphthalene-d8	10.27	136	4190784	5.00	ng	0.01
8) Acenaphthene-d10	14.40	164	1800618	5.00	ng	0.01
13) Phenanthrene-d10	17.94	188	2827661	5.00	ng	0.02
19) Chrysene-d12	24.28	240	2449920	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	30.11	ng	0.04
9) 2-Fluorobiphenyl	12.88	172	11671433	27.70	ng	0.03
21) Terphenyl-d14	21.90	244	10511905	29.08	ng	0.04
Target Compounds						Qvalue
2) 1,4-Dioxane	2.28	88	77851	0.48	ng	# 1
6) Naphthalene	10.31	128	19275	0.02	ng	# 99
15) Pentachlorophenol	17.51	266	138	Below Cal	#	86
17) Anthracene	17.98	178	11906	0.02	ng	# 99
24) Indeno(1,2,3-cd)pyrene	29.39	276	760	0.42	ng	# 67
26) Benzo(b)fluoranthene	26.64	252	1559	0.31	ng	# 63
28) Benzo(a)pyrene	27.30	252	1249	0.30	ng	# 18
29) Dibenzo(a,h)anthracene	29.46	278	407	0.26	ng	# 5
30) Benzo(g,h,i)perylene	29.84	276	1365	0.25	ng	# 62

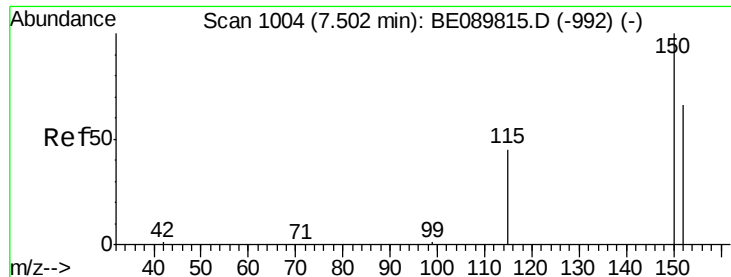
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BE089850.D

Acq: 25 Mar 2015 23:29

Instrument :

BNA_E

ClientSampleId :

FB-031815

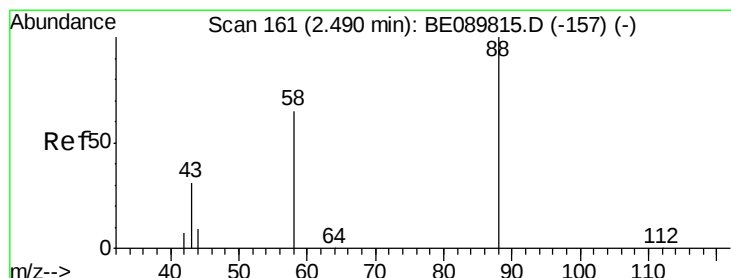
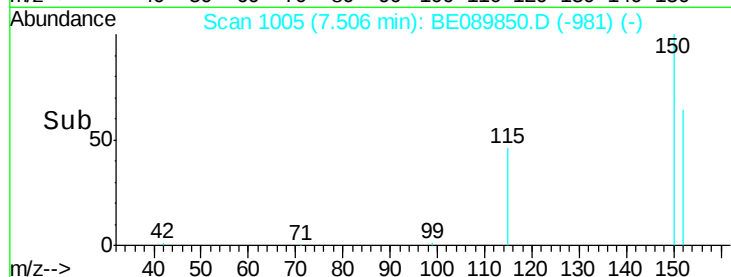
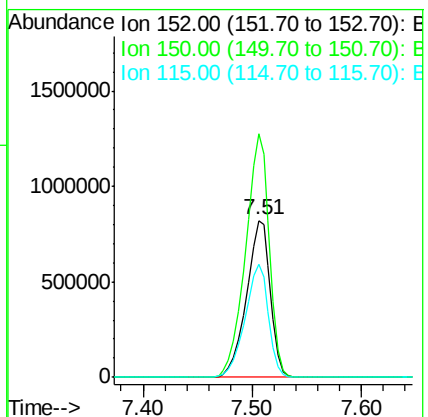
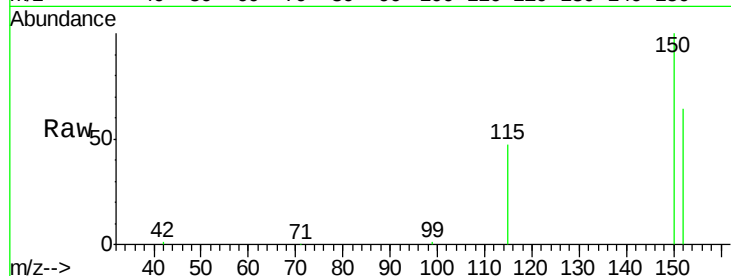
Tgt Ion:152 Resp: 1241665

Ion Ratio Lower Upper

152 100

150 155.4 125.5 188.3

115 72.3 58.0 87.0



#2

1,4-Dioxane

Concen: 0.48 ng

RT: 2.28 min Scan# 130

Delta R.T. -0.24 min

Lab File: BE089850.D

Acq: 25 Mar 2015 23:29

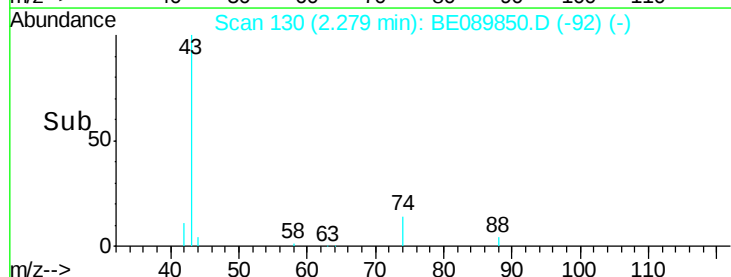
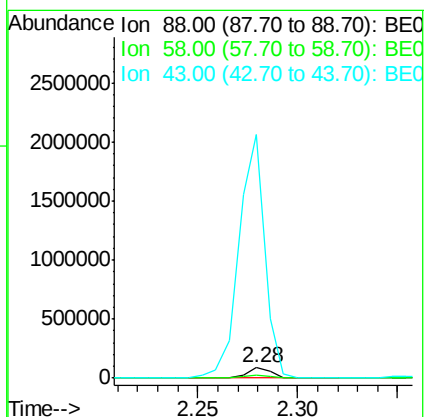
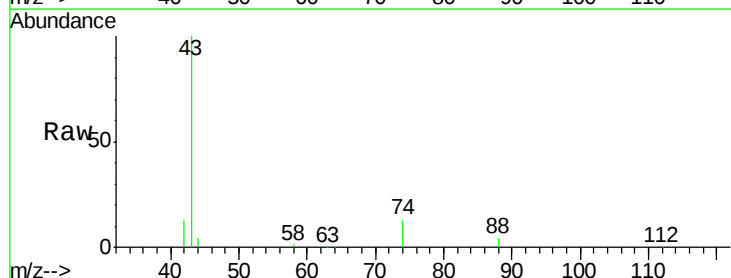
Tgt Ion: 88 Resp: 77851

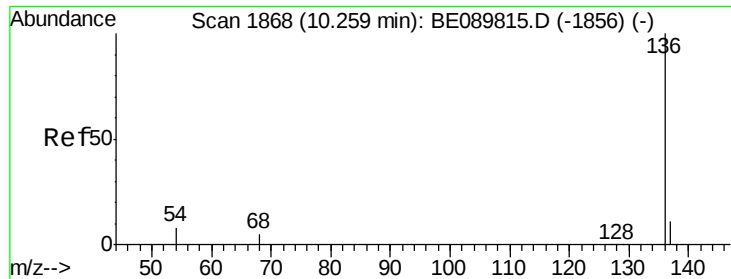
Ion Ratio Lower Upper

88 100

58 31.5 48.6 72.8#

43 2369.4 28.6 43.0#

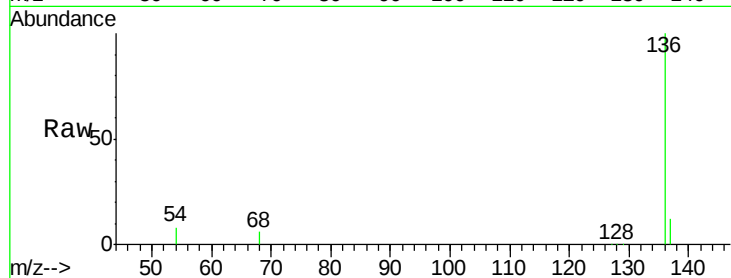




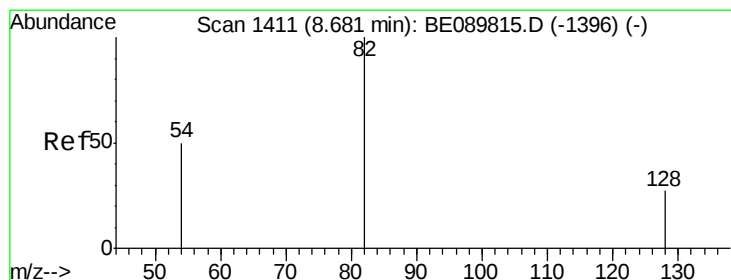
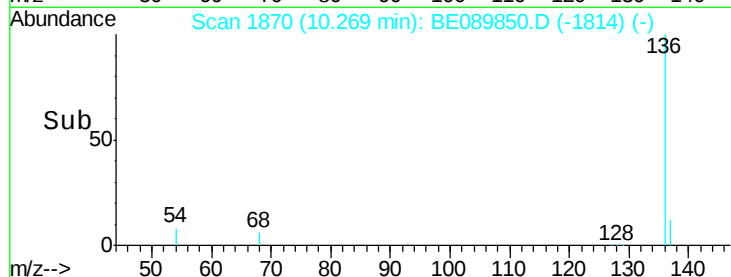
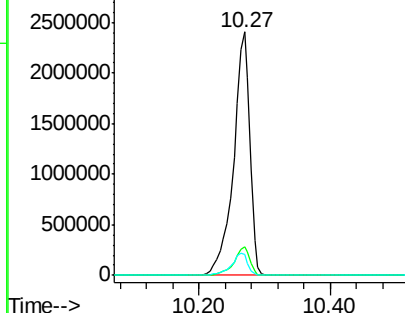
#4
Naphthalene-d8
Concen: 5.00 ng
RT: 10.27 min Scan# 1870
Delta R.T. 0.01 min
Lab File: BE089850.D
Acq: 25 Mar 2015 23:29

Instrument :
BNA_E
ClientSampleId :
FB-031815

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

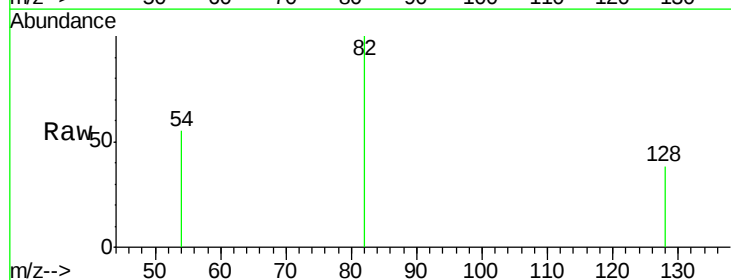


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BE0

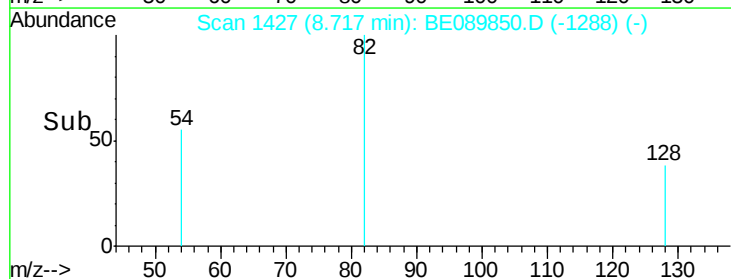
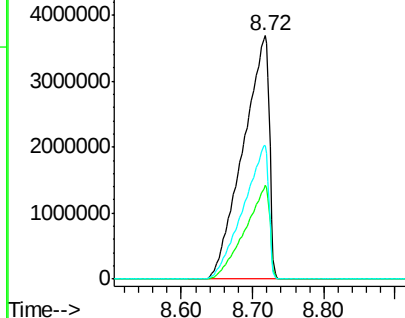


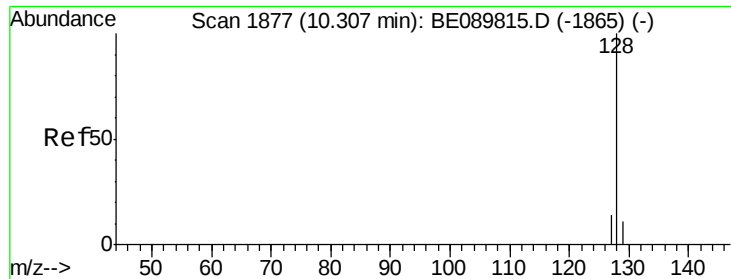
#5
Nitrobenzene-d5
Concen: 30.11 ng
RT: 8.72 min Scan# 1427
Delta R.T. 0.04 min
Lab File: BE089850.D
Acq: 25 Mar 2015 23:29

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): E
Ion 54.00 (53.70 to 54.70): BE0





#6

Naphthalene

Concen: 0.02 ng

RT: 10.31 min Scan# 1878

Delta R.T. 0.01 min

Lab File: BE089850.D

Acq: 25 Mar 2015 23:29

Instrument :

BNA_E

ClientSampleId :

FB-031815

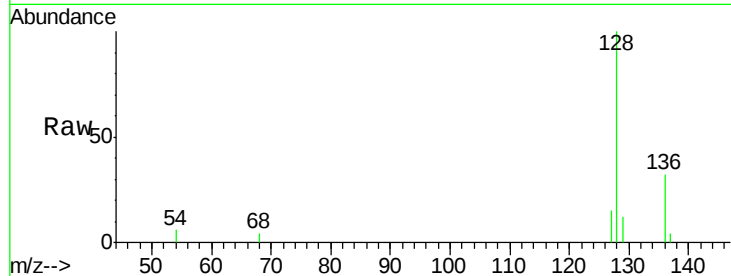
Tgt Ion:128 Resp: 19275

Ion Ratio Lower Upper

128 100

129 12.1 10.0 15.0

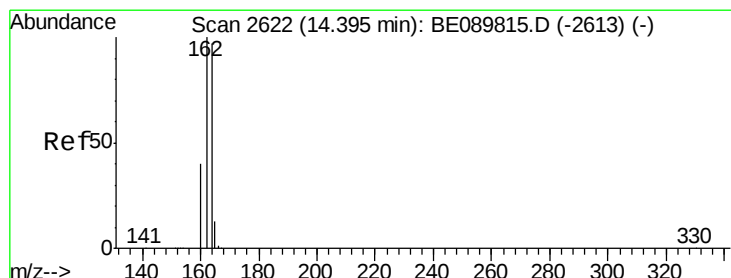
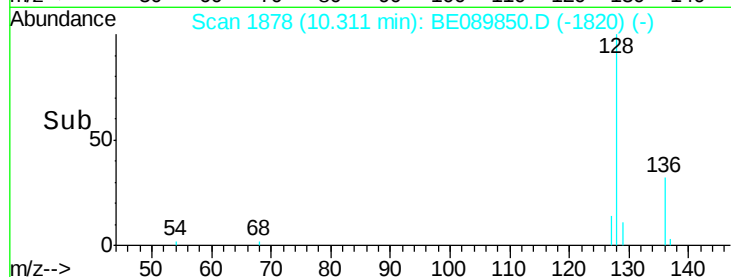
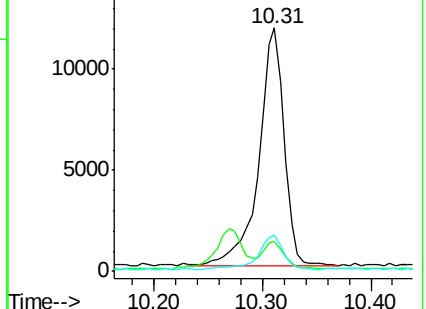
127 15.1 12.5 18.7



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



#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

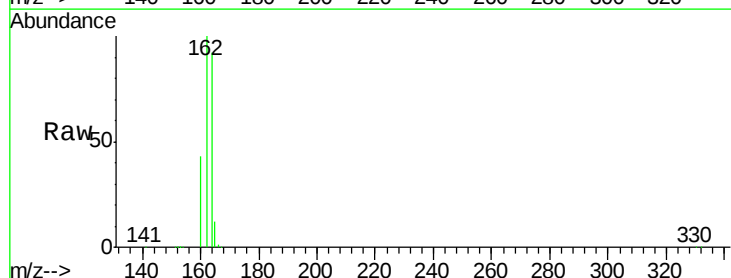
Tgt Ion:164 Resp: 1800618

Ion Ratio Lower Upper

164 100

162 108.6 87.6 131.4

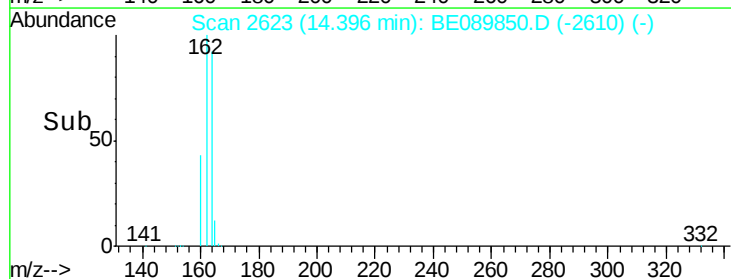
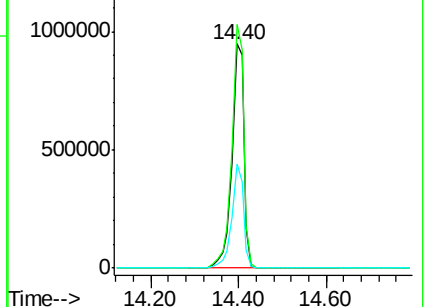
160 46.7 36.7 55.1

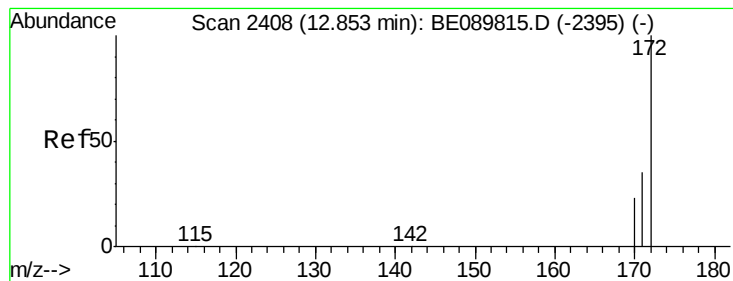


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#9

2-Fluorobiphenyl

Concen: 27.70 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

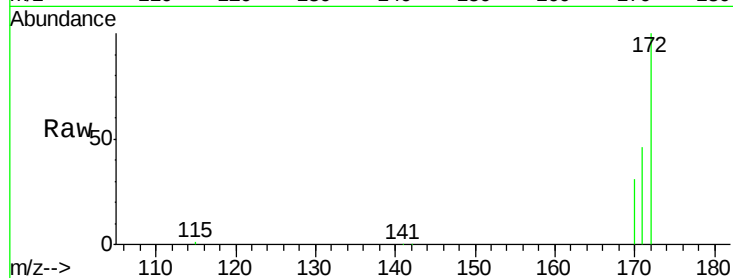
Tgt Ion:172 Resp:11671433

Ion Ratio Lower Upper

172 100

171 45.7 30.8 46.2

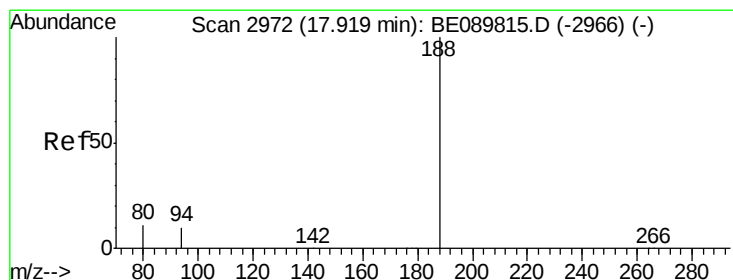
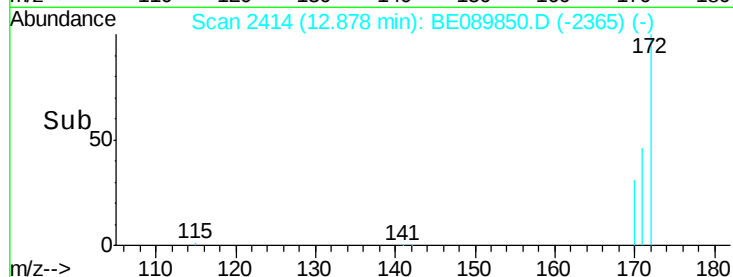
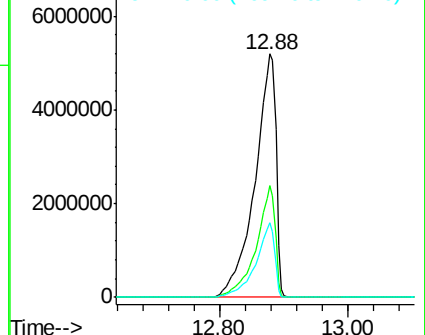
170 30.8 21.0 31.4



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# 2975

Delta R.T. 0.02 min

Lab File: BE089850.D

Acq: 25 Mar 2015 23:29

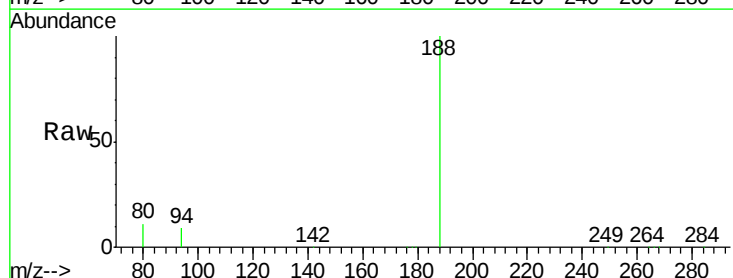
Tgt Ion:188 Resp: 2827661

Ion Ratio Lower Upper

188 100

94 9.4 8.5 12.7

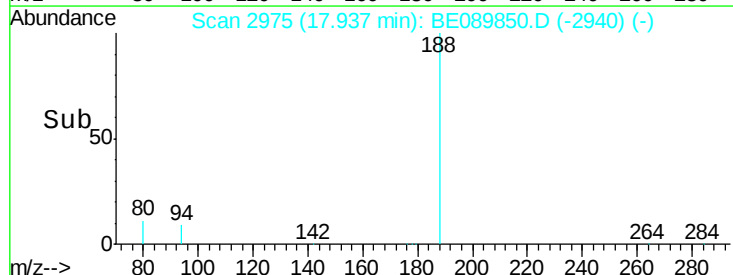
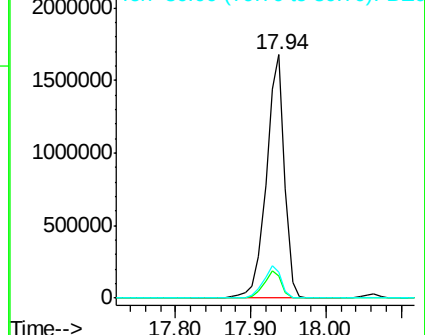
80 10.9 10.0 15.0

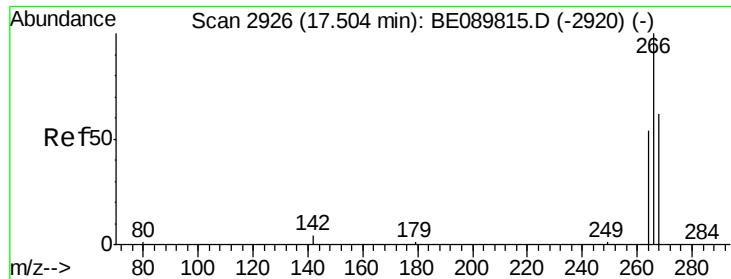


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0

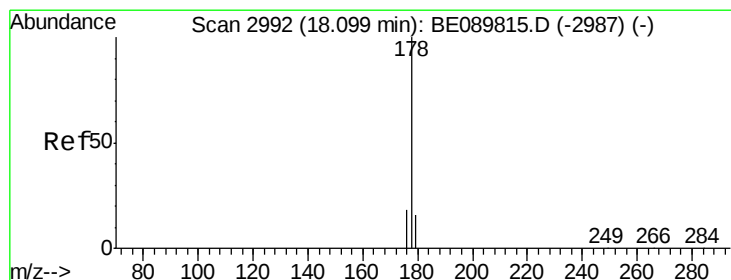
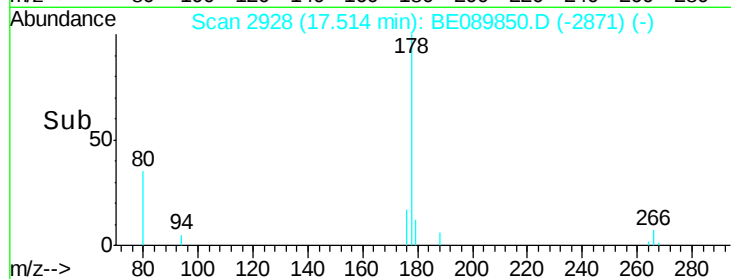
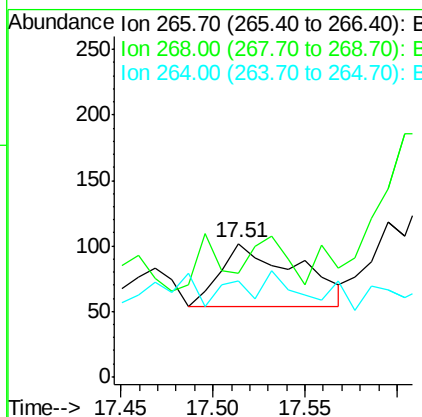
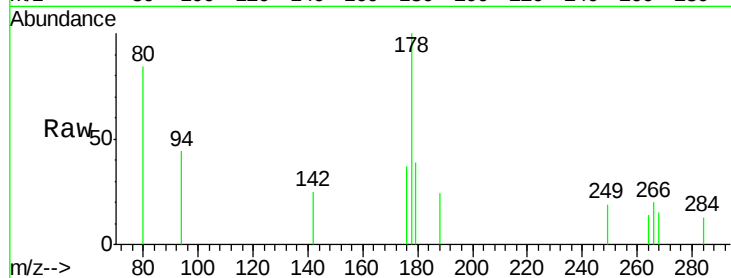




#15
 Pentachlorophenol
 Concen: Below Cal
 RT: 17.51 min Scan# 2928
 Delta R.T. 0.01 min
 Lab File: BE089850.D
 Acq: 25 Mar 2015 23:29

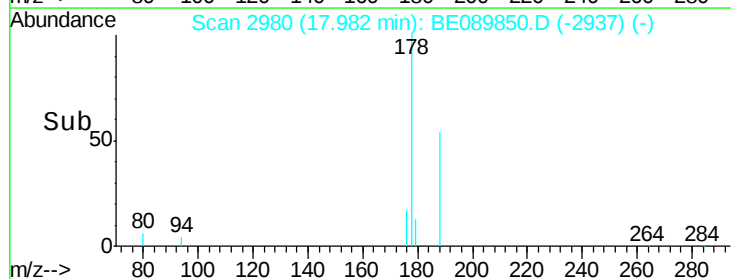
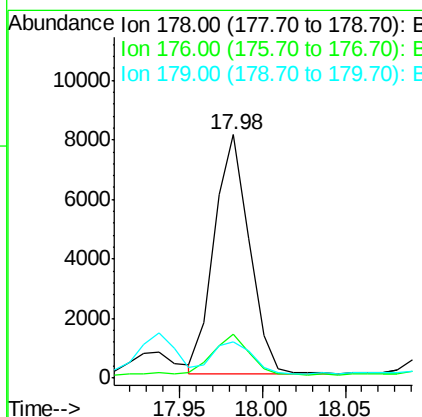
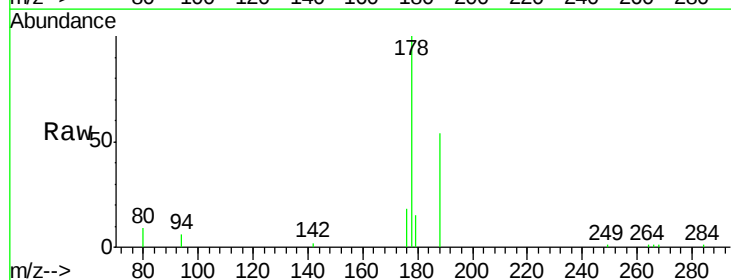
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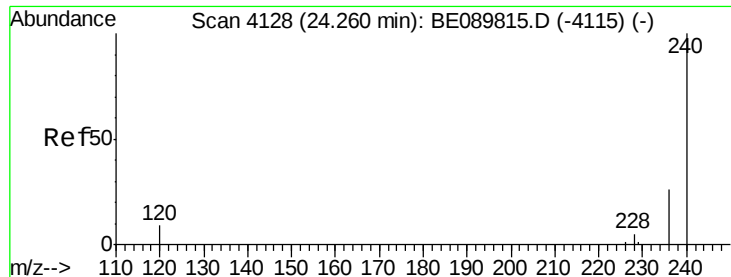
Tgt Ion:266 Resp: 138
 Ion Ratio Lower Upper
 266 100
 268 77.5 51.6 77.4#
 264 71.6 50.2 75.2



#17
 Anthracene
 Concen: 0.02 ng
 RT: 17.98 min Scan# 2980
 Delta R.T. -0.12 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 14.6 21.8
 179 15.1 12.1 18.1





#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

Instrument :

BNA_E

ClientSampleId :

FB-031815

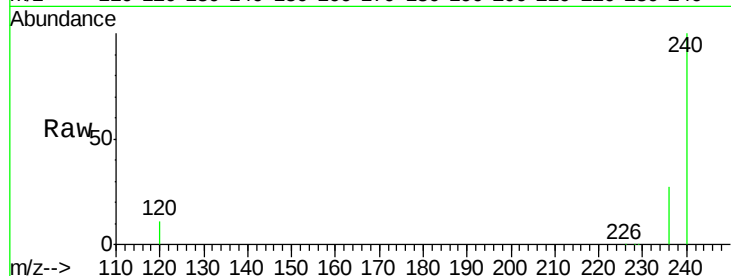
Tgt Ion:240 Resp: 2449920

Ion Ratio Lower Upper

240 100

120 11.2 7.5 11.3

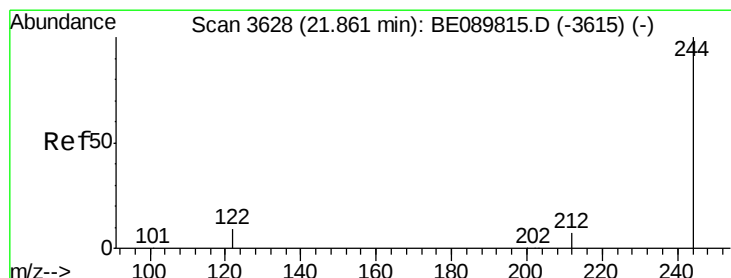
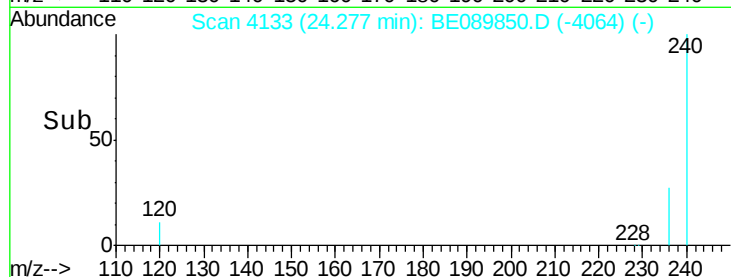
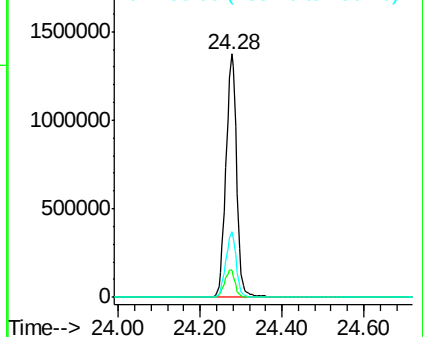
236 26.9 20.5 30.7



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



#21

Terphenyl-d14

Concen: 29.08 ng

RT: 21.90 min Scan# 3637

Delta R.T. 0.04 min

Lab File: BE089850.D

Acq: 25 Mar 2015 23:29

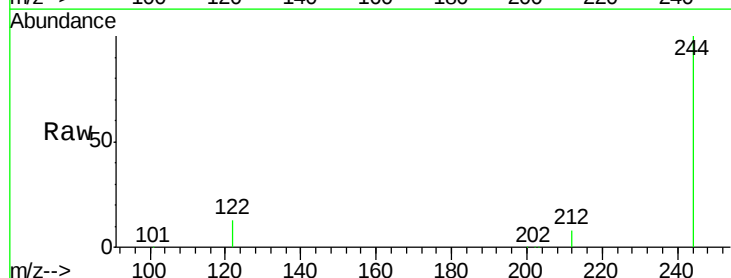
Tgt Ion:244 Resp:10511905

Ion Ratio Lower Upper

244 100

212 8.4 7.3 10.9

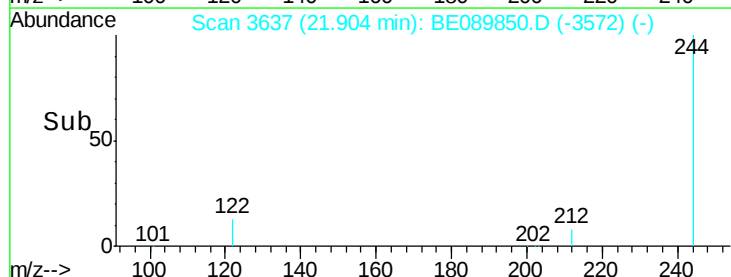
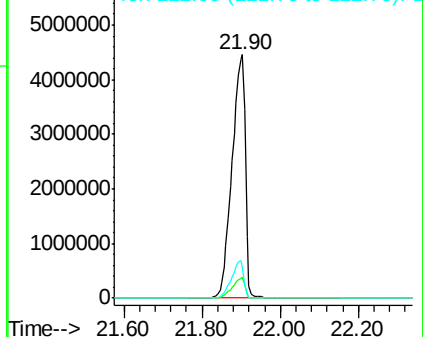
122 13.0 10.5 15.7

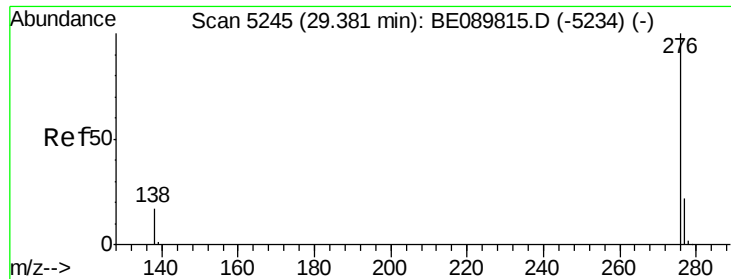


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

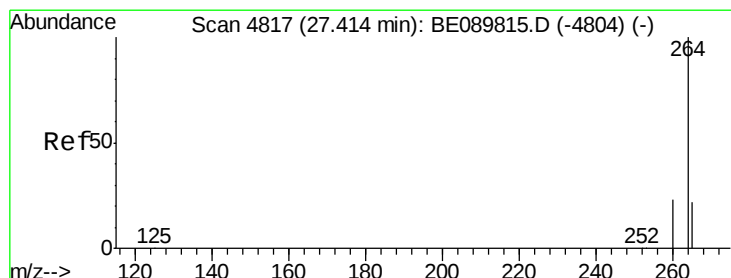
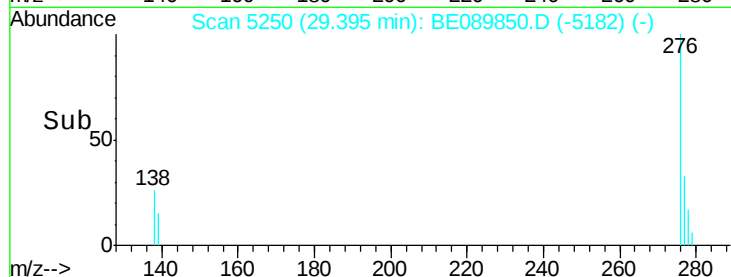
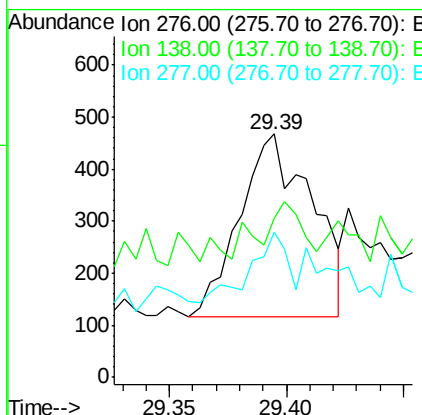
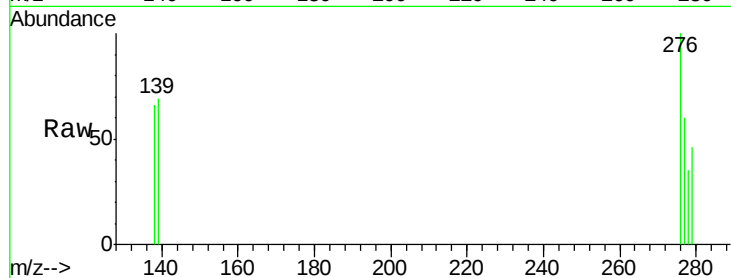




#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.42 ng
 RT: 29.39 min Scan# 5250
 Delta R.T. 0.01 min
 Lab File: BE089850.D
 Acq: 25 Mar 2015 23:29

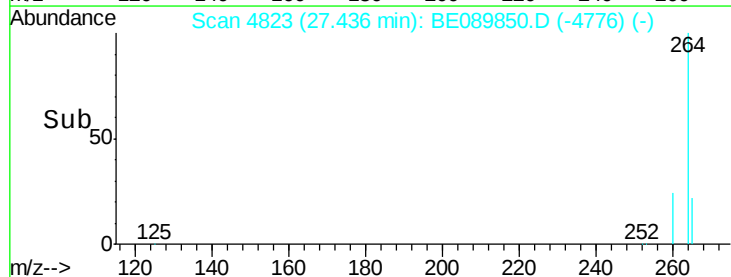
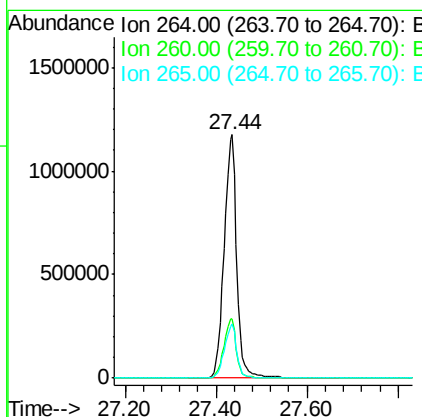
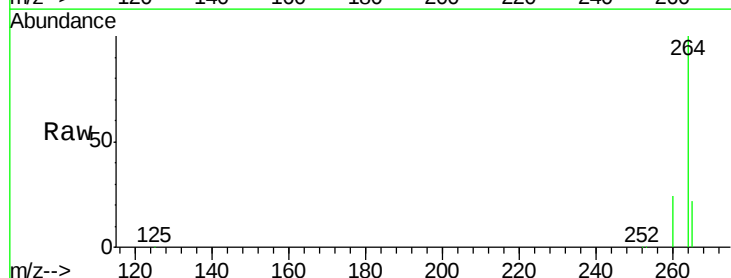
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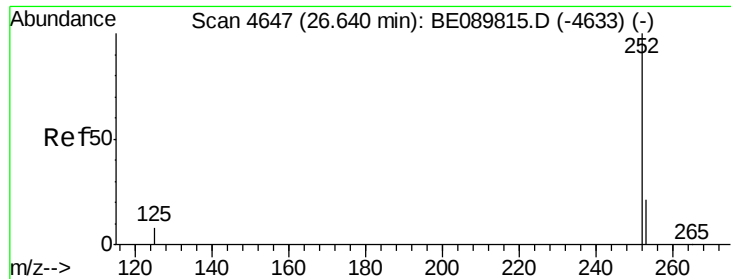
Tgt Ion: 276 Resp: 760
 Ion Ratio Lower Upper
 276 100
 138 24.3 4.3 6.5#
 277 19.3 9.0 13.4#



#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

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

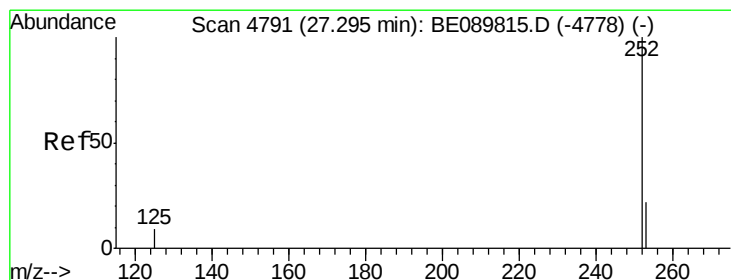
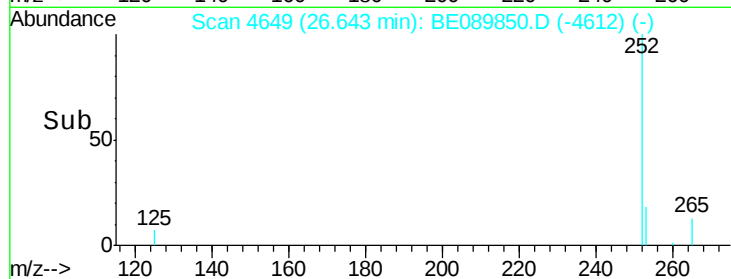
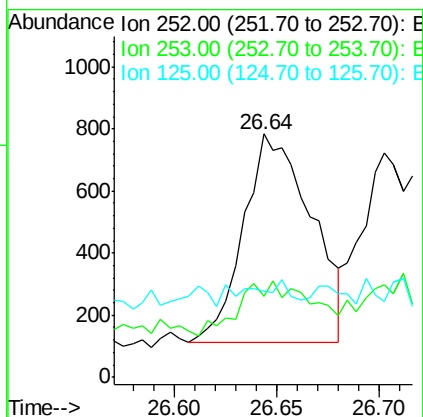
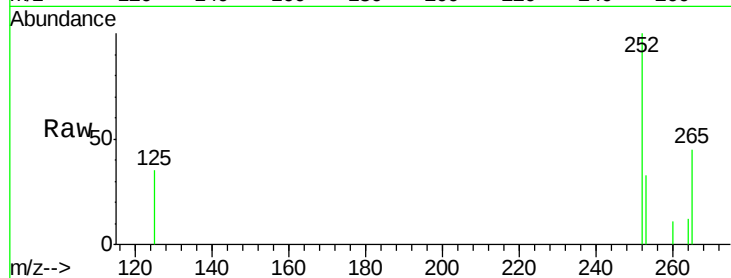




#26
Benzo(b)fluoranthene
Concen: 0.31 ng
RT: 26.64 min Scan# 4649
Delta R.T. 0.01 min
Lab File: BE089850.D
Acq: 25 Mar 2015 23:29

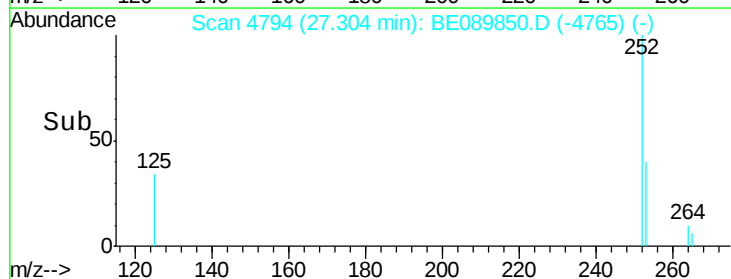
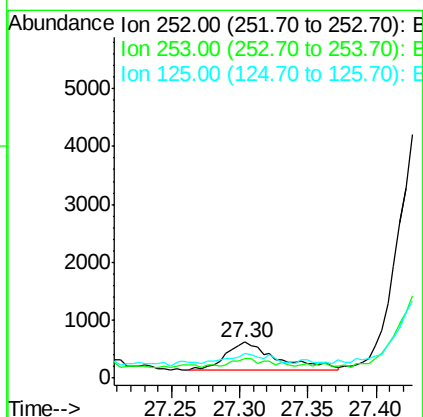
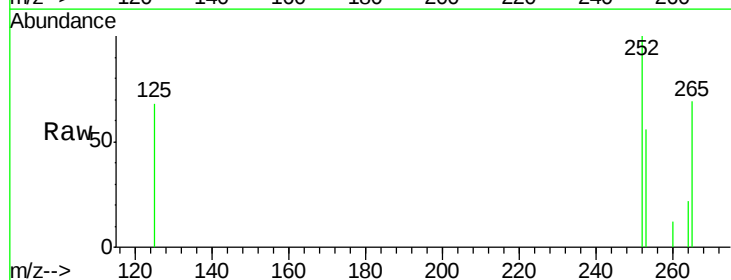
Instrument :
BNA_E
ClientSampleId :
FB-031815

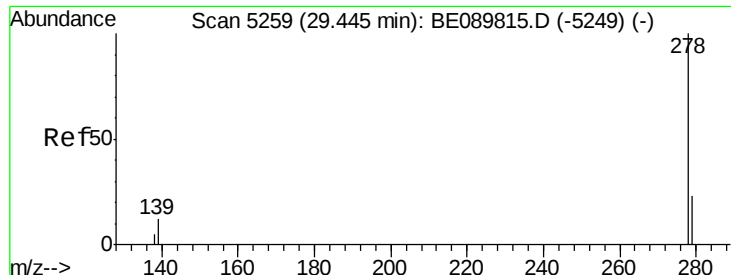
Tgt Ion:252 Resp: 1559
Ion Ratio Lower Upper
252 100
253 33.0 17.8 26.6#
125 35.5 8.7 13.1#



#28
Benzo(a)pyrene
Concen: 0.30 ng
RT: 27.30 min Scan# 4794
Delta R.T. 0.00 min
Lab File: BE089850.D
Acq: 25 Mar 2015 23:29

Tgt Ion:252 Resp: 1249
Ion Ratio Lower Upper
252 100
253 56.3 21.0 31.4#
125 67.7 13.3 19.9#





#29

Dibenzo(a,h)anthracene

Concen: 0.26 ng

RT: 29.46 min Scan# 5265

Delta R.T. 0.02 min

Lab File: BE089850.D

Acq: 25 Mar 2015 23:29

Instrument :

BNA_E

ClientSampleId :

FB-031815

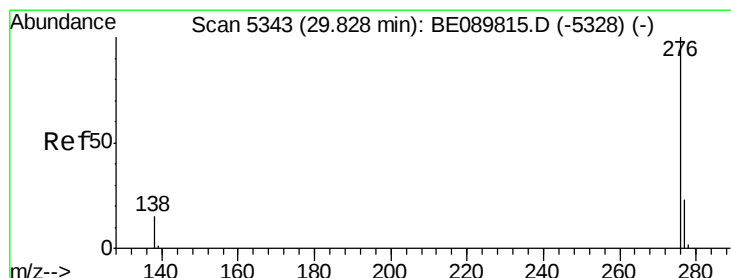
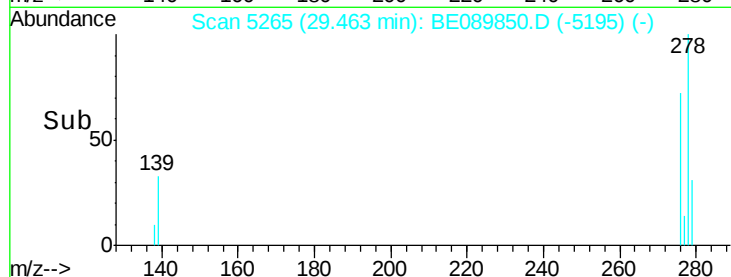
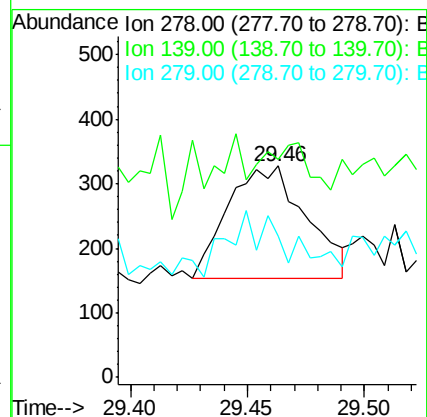
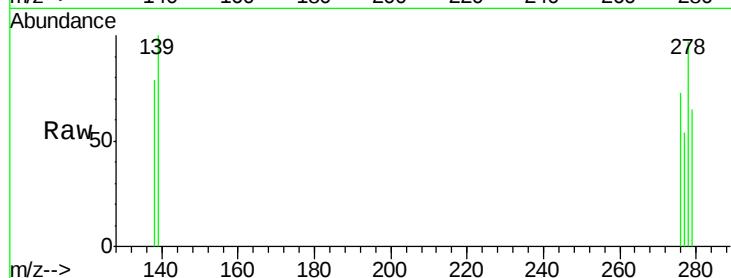
Tgt Ion: 278 Resp: 407

Ion Ratio Lower Upper

278 100

139 103.1 20.0 30.0#

279 67.0 28.9 43.3#



#30

Benzo(g,h,i)perylene

Concen: 0.25 ng

RT: 29.84 min Scan# 5348

Delta R.T. 0.02 min

Lab File: BE089850.D

Acq: 25 Mar 2015 23:29

Tgt Ion: 276 Resp: 1365

Ion Ratio Lower Upper

276 100

277 44.5 19.2 28.8#

138 47.2 22.9 34.3#

