

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE032515\
 Data File : BE089843.D
 Acq On : 25 Mar 2015 18:48
 Operator : TP/JJ
 Sample : G1575-06
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RW-11V

Quant Time: Mar 26 11:36:08 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

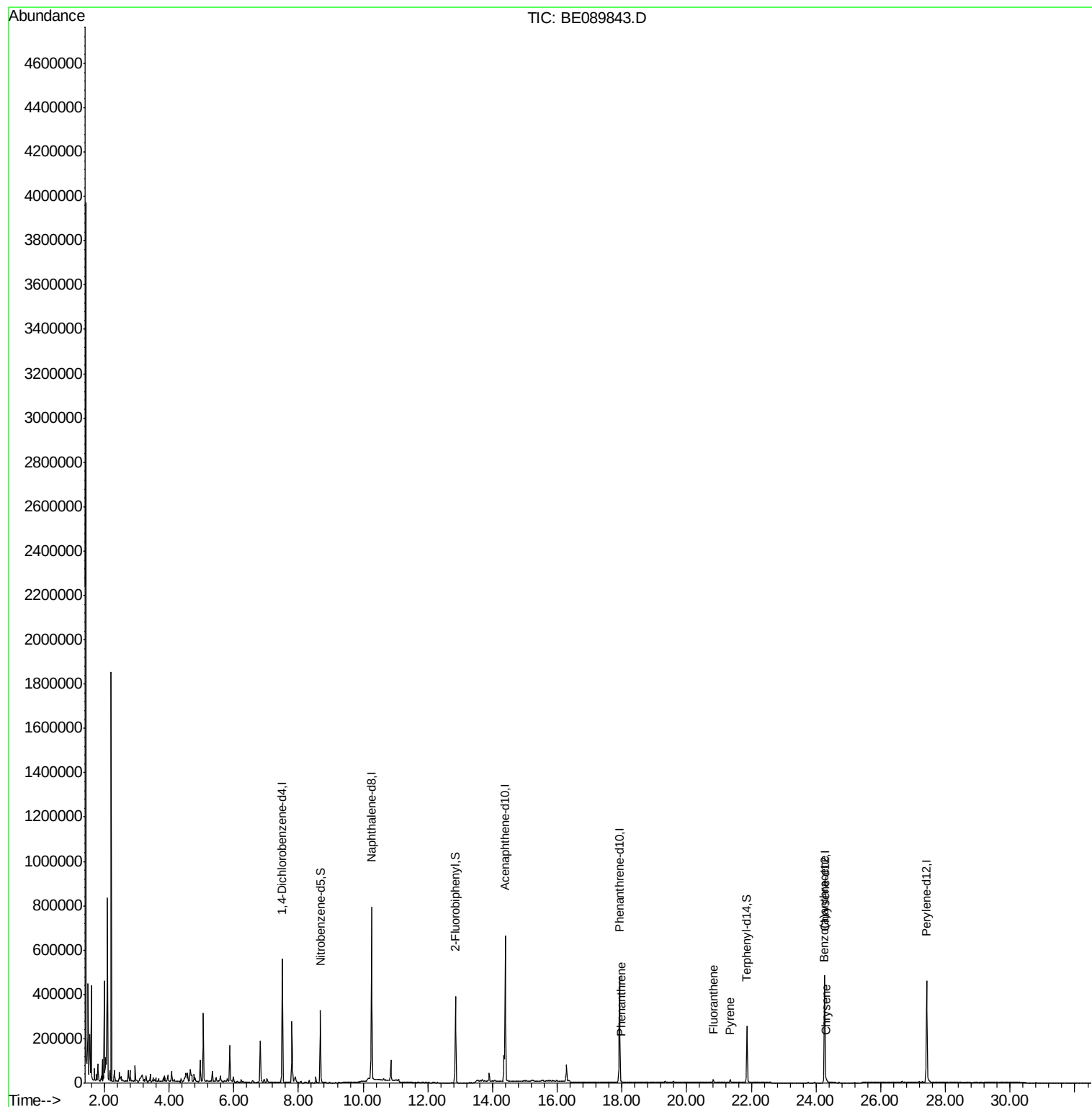
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.50	152	240187	5.00	ng	0.00
4) Naphthalene-d8	10.26	136	949140	5.00	ng	0.00
8) Acenaphthene-d10	14.40	164	402337	5.00	ng	0.01
13) Phenanthrene-d10	17.93	188	668421	5.00	ng	0.00
19) Chrysene-d12	24.26	240	635817	5.00	ng	0.00
25) Perylene-d12	27.42	264	586955	5.00	ng	0.00
System Monitoring Compounds						
5) Nitrobenzene-d5	8.68	82	260238	3.90	ng	0.00
9) 2-Fluorobiphenyl	12.85	172	364140	3.87	ng	0.00
21) Terphenyl-d14	21.87	244	346670	3.70	ng	0.00
Target Compounds						Qvalue
16) Phenanthrene	17.97	178	8010	0.05	ng	95
18) Fluoranthene	20.83	202	16470	0.12	ng	# 94
20) Pyrene	21.35	202	13452	0.08	ng	# 94
22) Benzo(a)anthracene	24.25	228	6013	0.05	ng	# 87
23) Chrysene	24.32	228	9411	0.07	ng	# 85

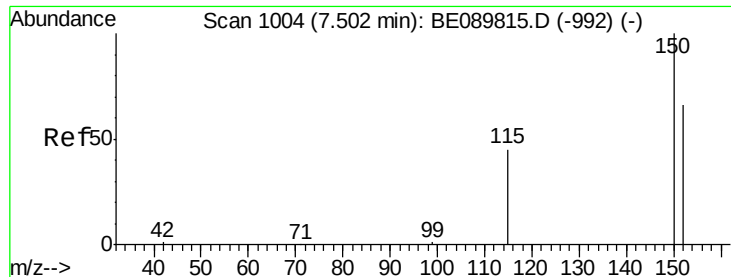
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BE089843.D

Acq: 25 Mar 2015 18:48

Instrument :

BNA_E

ClientSampleId :

RW-11V

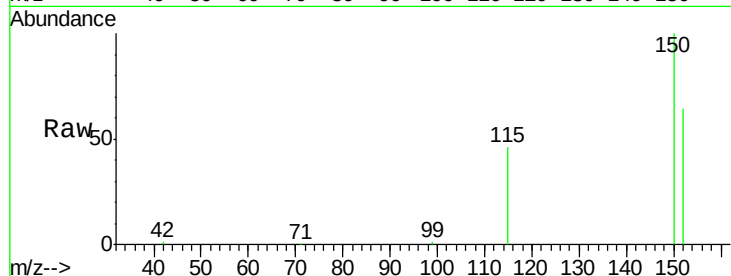
Tgt Ion:152 Resp: 240187

Ion Ratio Lower Upper

152 100

150 156.8 125.5 188.3

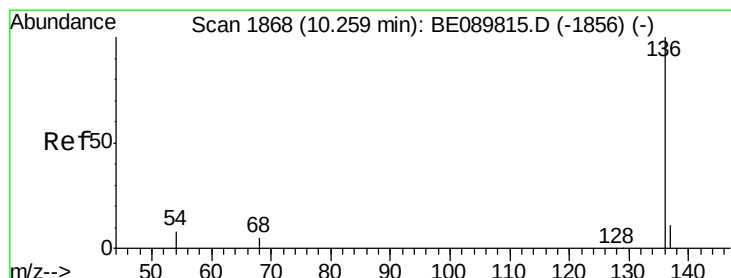
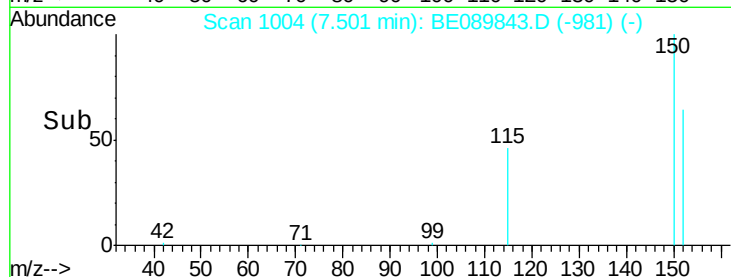
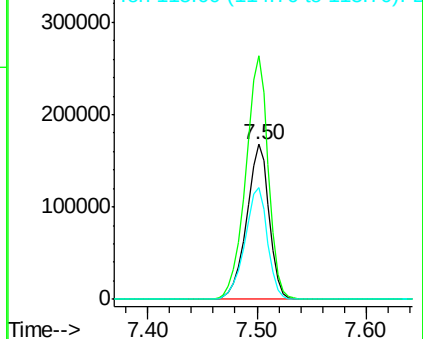
115 71.7 58.0 87.0



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. 0.00 min

Lab File: BE089843.D

Acq: 25 Mar 2015 18:48

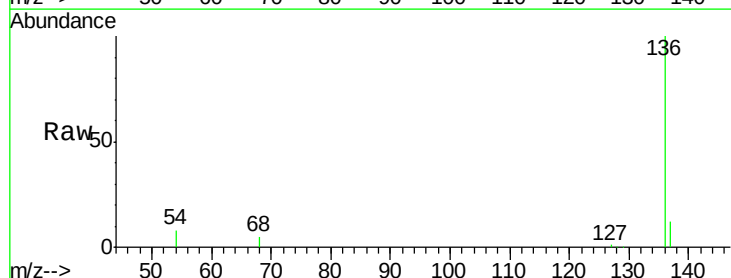
Tgt Ion:136 Resp: 949140

Ion Ratio Lower Upper

136 100

137 12.5 8.8 13.2

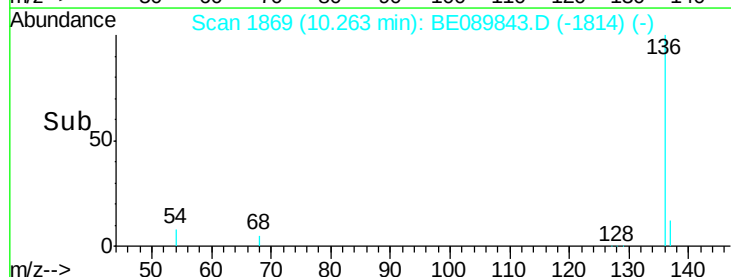
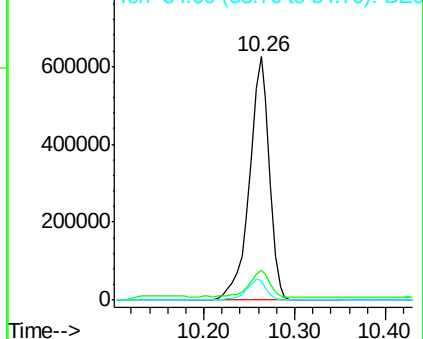
54 8.0 7.0 10.4

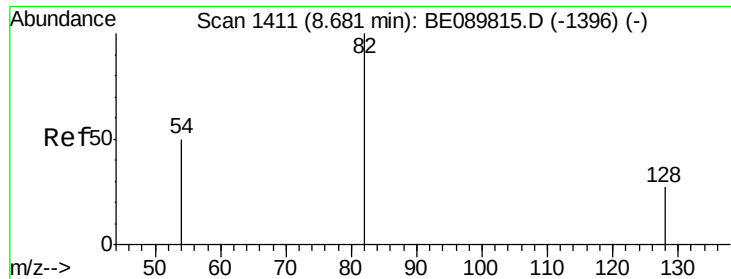


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

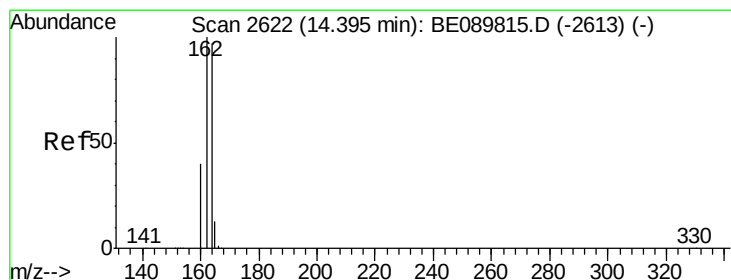
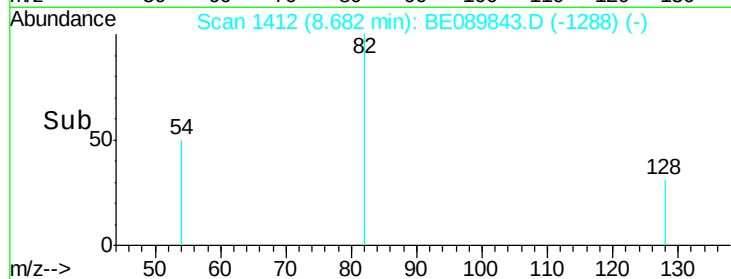
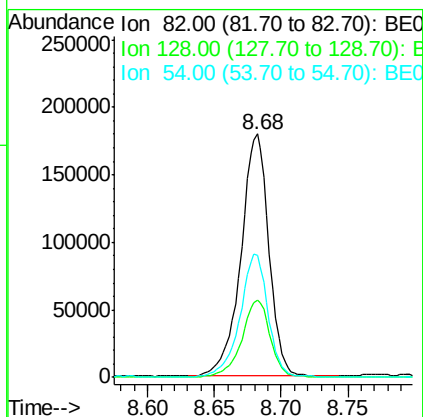
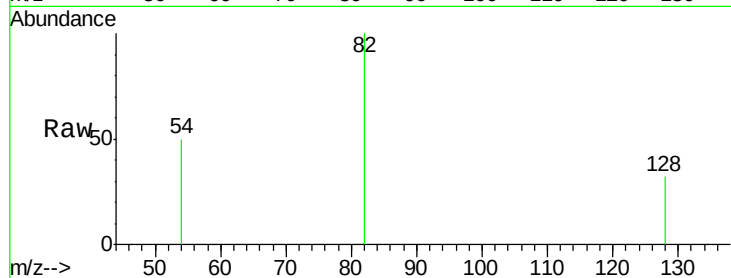




#5
 Nitrobenzene-d5
 Concen: 3.90 ng
 RT: 8.68 min Scan# 1412
 Delta R.T. 0.00 min
 Lab File: BE089843.D
 Acq: 25 Mar 2015 18:48

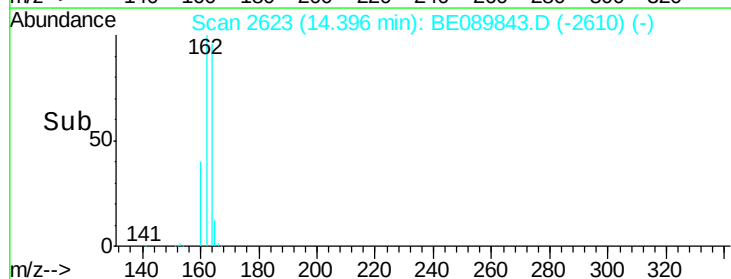
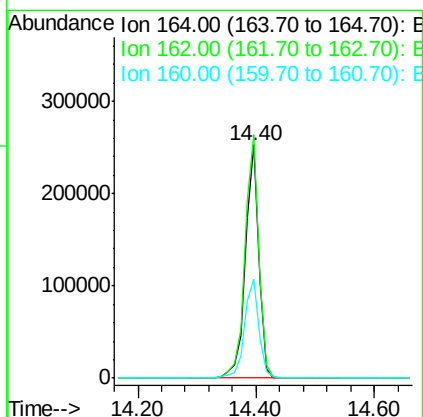
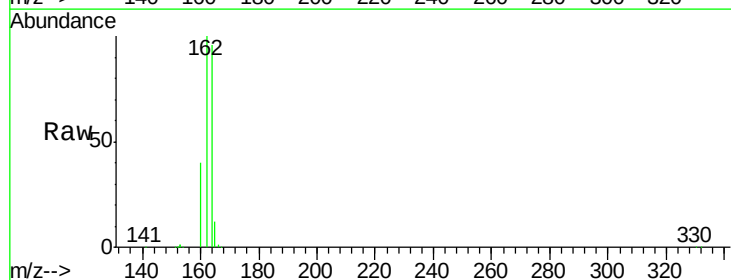
Instrument :
 BNA_E
 ClientSampleId :
 RW-11V

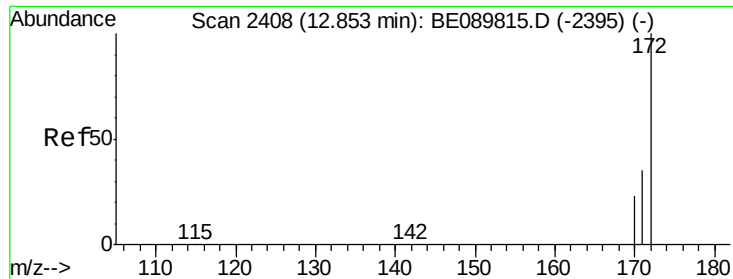
Tgt Ion	Ratio	Lower	Upper
82	100		
128	31.6	24.6	37.0
54	50.1	43.0	64.6



#8
 Acenaphthene-d10
 Concen: 5.00 ng
 RT: 14.40 min Scan# 2623
 Delta R.T. 0.01 min
 Lab File: BE089843.D
 Acq: 25 Mar 2015 18:48

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.4	87.6	131.4
160	42.2	36.7	55.1





#9

2-Fluorobiphenyl

Concen: 3.87 ng

RT: 12.85 min Scan# 2409

Delta R.T. 0.00 min

Lab File: BE089843.D

Acq: 25 Mar 2015 18:48

Instrument :

BNA_E

ClientSampleId :

RW-11V

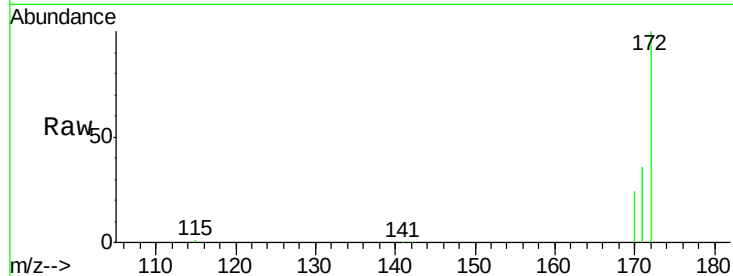
Tgt Ion:172 Resp: 364140

Ion Ratio Lower Upper

172 100

171 36.1 30.8 46.2

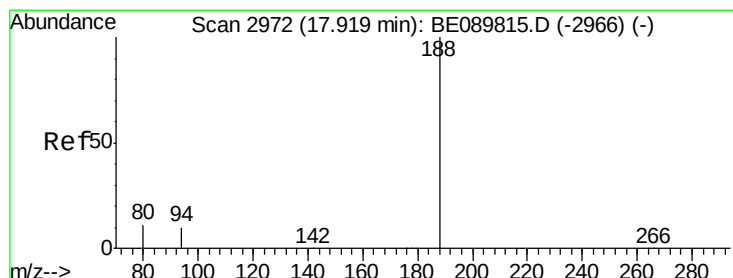
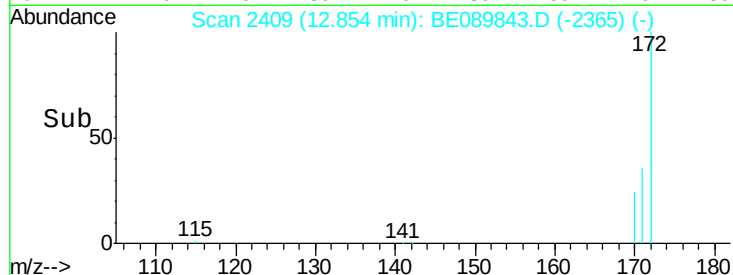
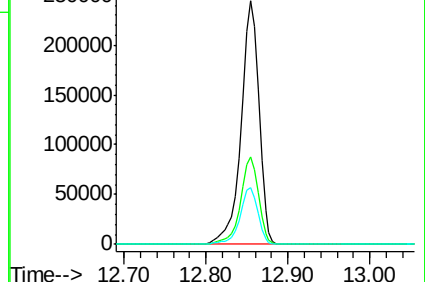
170 23.6 21.0 31.4



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: BE089843.D

Acq: 25 Mar 2015 18:48

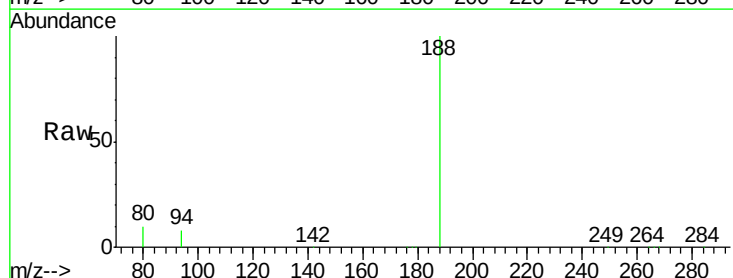
Tgt Ion:188 Resp: 668421

Ion Ratio Lower Upper

188 100

94 8.5 8.5 12.7

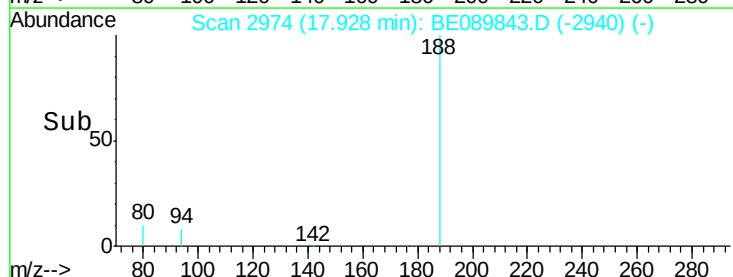
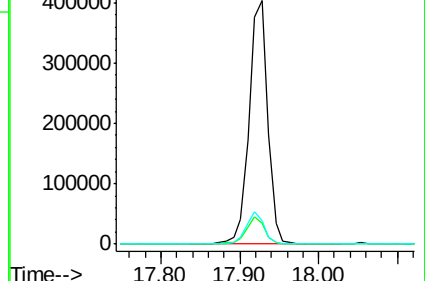
80 9.7 10.0 15.0#

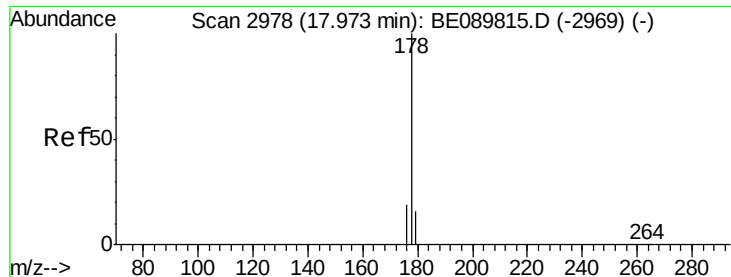


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0





#16

Phenanthrene

Concen: 0.05 ng

RT: 17.97 min Scan# 2979

Delta R.T. -0.00 min

Lab File: BE089843.D

Acq: 25 Mar 2015 18:48

Instrument :

BNA_E

ClientSampleId :

RW-11V

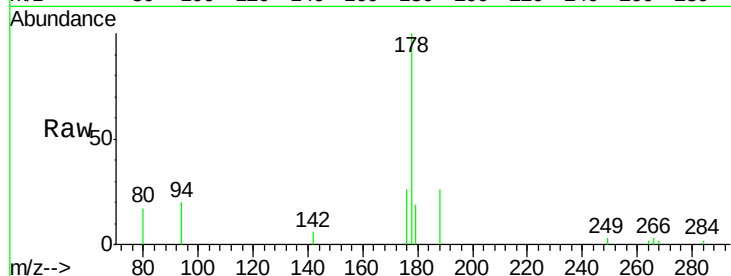
Tgt Ion:178 Resp: 8010

Ion Ratio Lower Upper

178 100

176 22.6 15.4 23.0

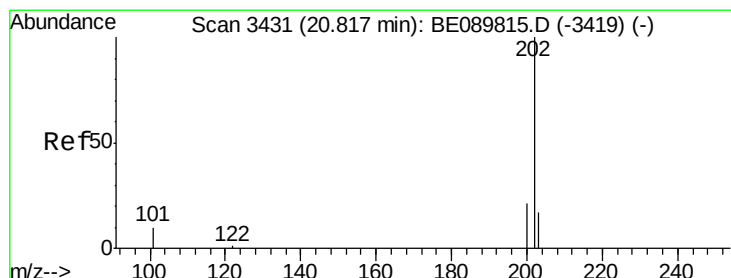
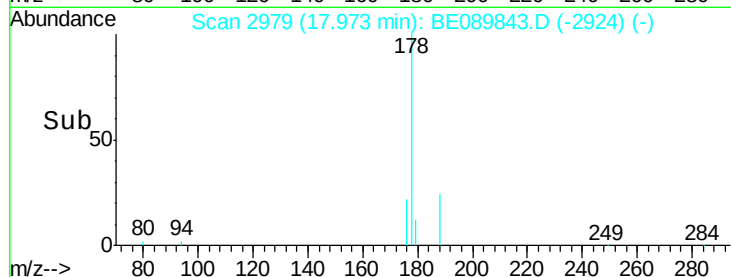
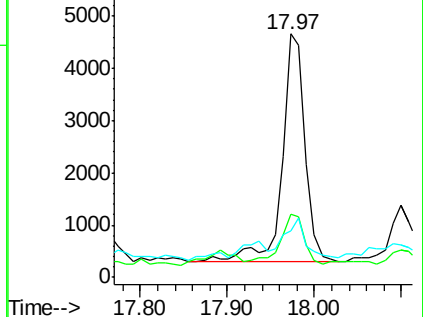
179 14.8 12.2 18.4



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: 0.12 ng

RT: 20.83 min Scan# 3434

Delta R.T. 0.00 min

Lab File: BE089843.D

Acq: 25 Mar 2015 18:48

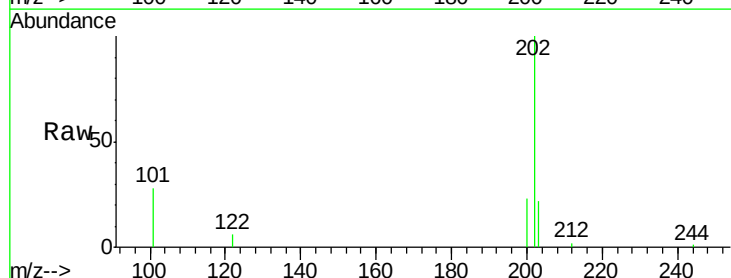
Tgt Ion:202 Resp: 16470

Ion Ratio Lower Upper

202 100

101 13.1 8.2 12.2#

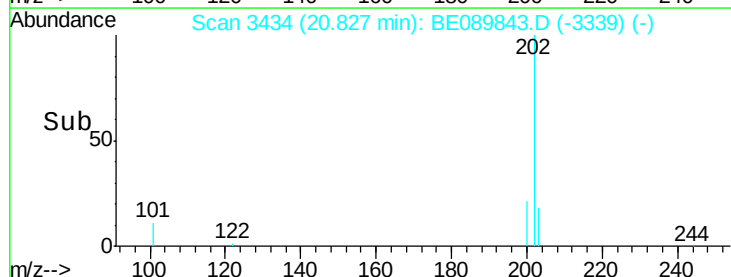
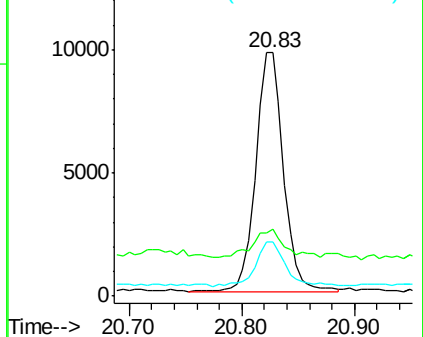
203 19.7 14.2 21.4

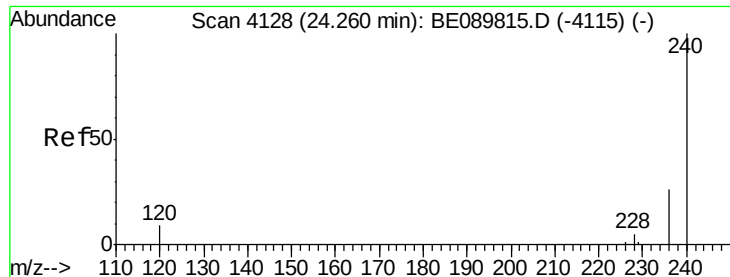


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#19

Chrysene-d12

Concen: 5.00 ng

RT: 24.26 min Scan# 4130

Delta R.T. 0.00 min

Lab File: BE089843.D

Acq: 25 Mar 2015 18:48

Instrument :

BNA_E

ClientSampleId :

RW-11V

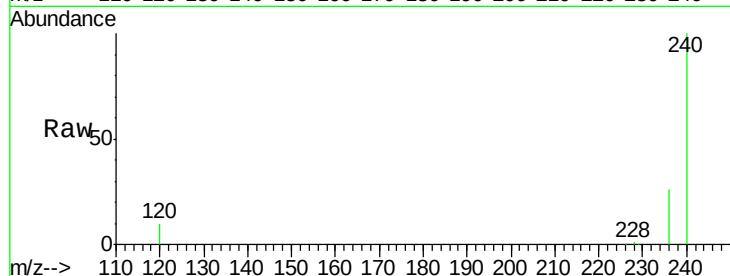
Tgt Ion:240 Resp: 635817

Ion Ratio Lower Upper

240 100

120 10.4 7.5 11.3

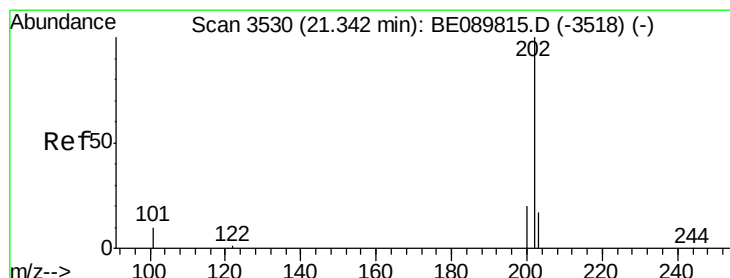
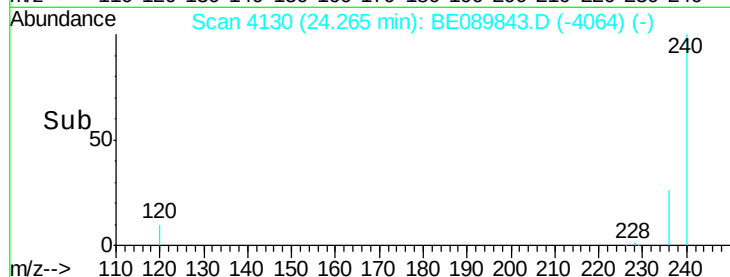
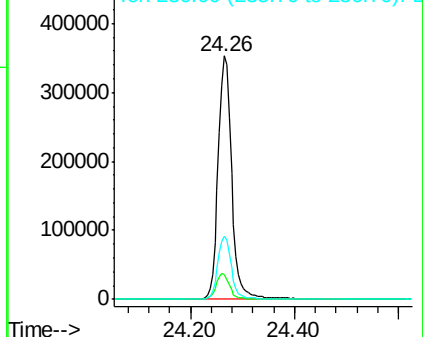
236 25.9 20.5 30.7



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: 0.08 ng

RT: 21.35 min Scan# 3532

Delta R.T. -0.00 min

Lab File: BE089843.D

Acq: 25 Mar 2015 18:48

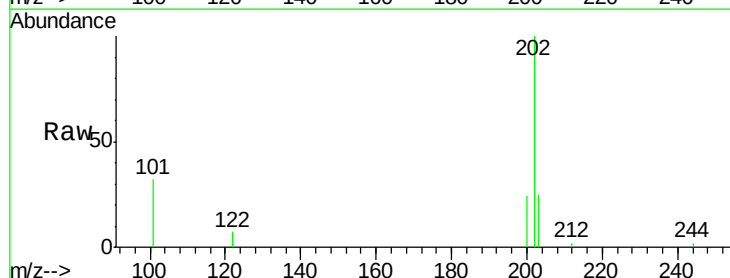
Tgt Ion:202 Resp: 13452

Ion Ratio Lower Upper

202 100

200 21.3 15.9 23.9

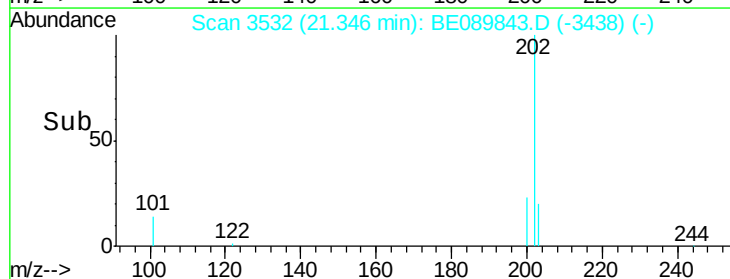
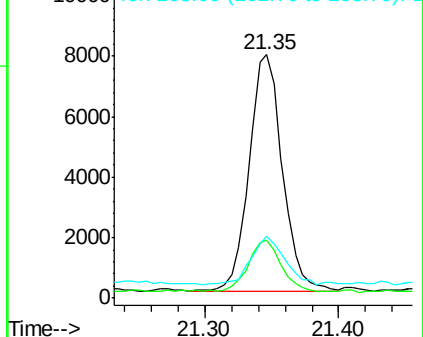
203 21.4 13.6 20.4#

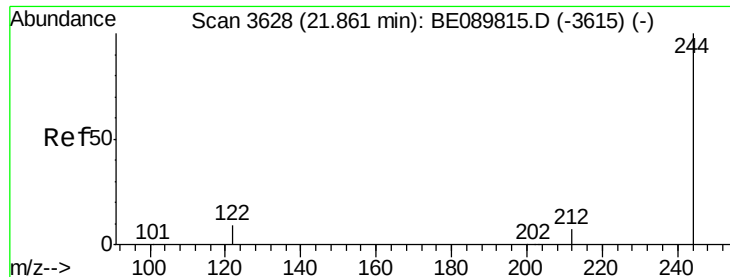


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

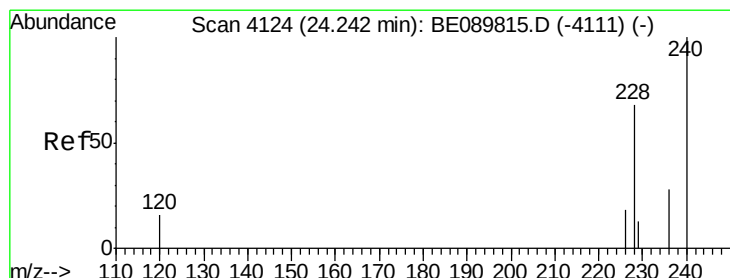
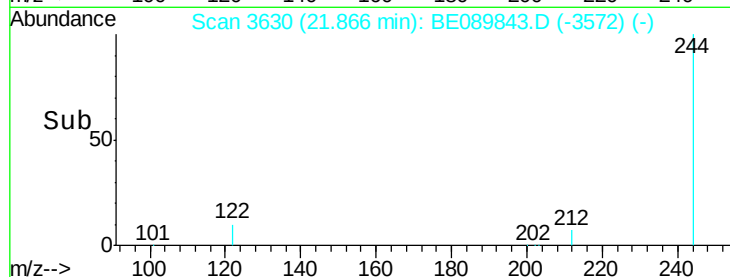
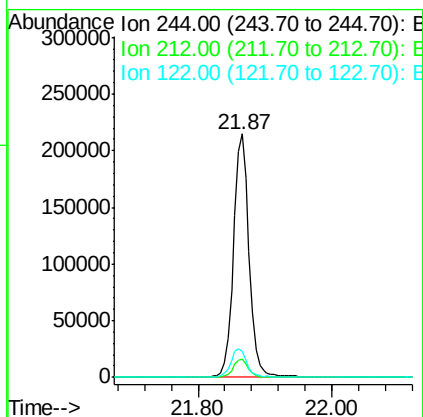
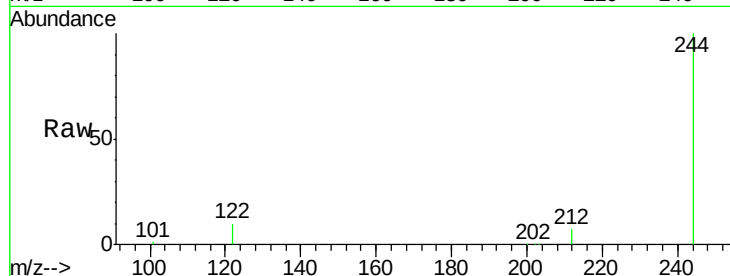




#21
 Terphenyl-d14
 Concen: 3.70 ng
 RT: 21.87 min Scan# 3630
 Delta R.T. 0.00 min
 Lab File: BE089843.D
 Acq: 25 Mar 2015 18:48

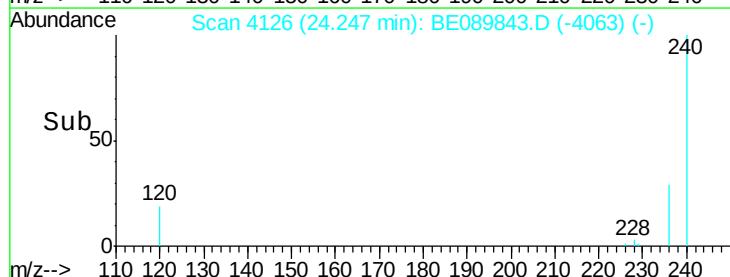
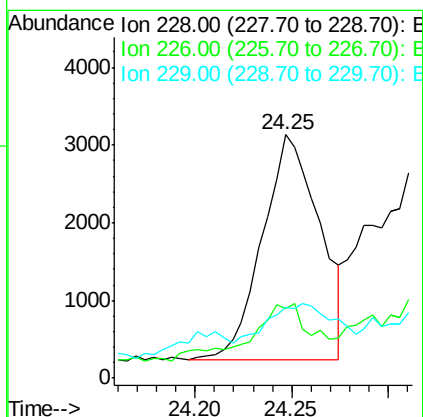
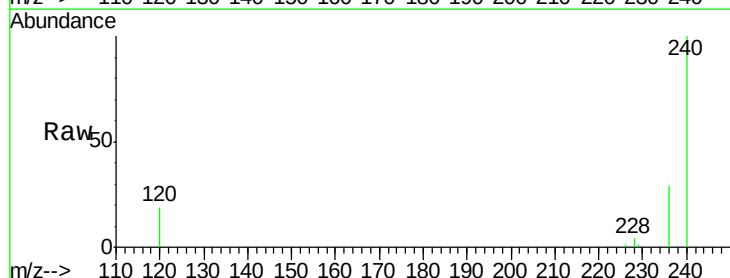
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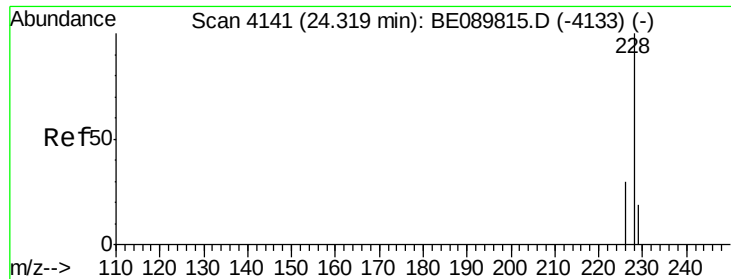
Tgt Ion:244 Resp: 346670
 Ion Ratio Lower Upper
 244 100
 212 7.4 7.3 10.9
 122 10.5 10.5 15.7



#22
 Benzo(a)anthracene
 Concen: 0.05 ng
 RT: 24.25 min Scan# 4126
 Delta R.T. -0.00 min
 Lab File: BE089843.D
 Acq: 25 Mar 2015 18:48

Tgt Ion:228 Resp: 6013
 Ion Ratio Lower Upper
 228 100
 226 28.8 19.8 29.8
 229 29.3 16.3 24.5#





#23

Chrysene

Concen: 0.07 ng

RT: 24.32 min Scan# 4143

Delta R.T. 0.01 min

Lab File: BE089843.D

Acq: 25 Mar 2015 18:48

Instrument :

BNA_E

ClientSampleId :

RW-11V

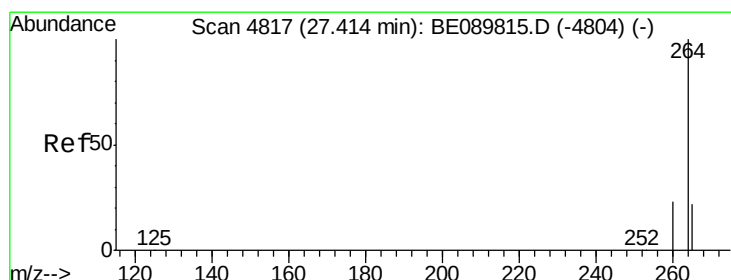
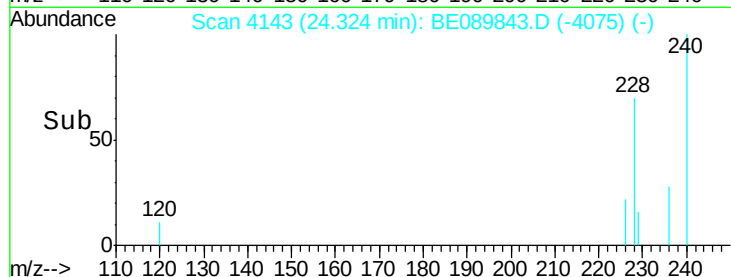
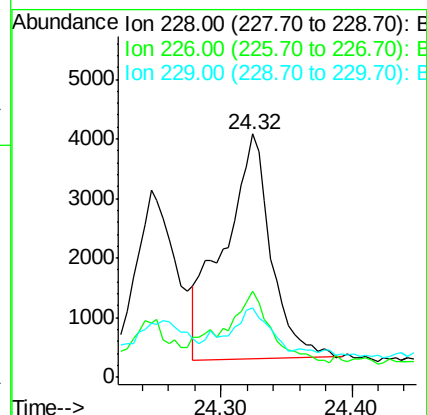
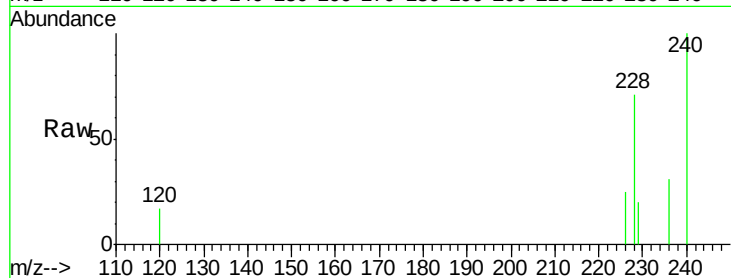
Tgt Ion:228 Resp: 9411

Ion Ratio Lower Upper

228 100

226 35.4 23.0 34.4#

229 28.3 15.8 23.6#



#25

Perylene-d12

Concen: 5.00 ng

RT: 27.42 min Scan# 4819

Delta R.T. 0.00 min

Lab File: BE089843.D

Acq: 25 Mar 2015 18:48

Tgt Ion:264 Resp: 586955

Ion Ratio Lower Upper

264 100

260 23.8 18.2 27.2

265 22.0 17.3 25.9

