

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE062915\
 Data File : BE089994.D
 Acq On : 29 Jun 2015 22:07
 Operator : TP/IZ
 Sample : PB84124BL
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB84124BL

Quant Time: Jun 30 07:03:38 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-SIM-BE062915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 30 07:01:01 2015
 Response via : Initial Calibration

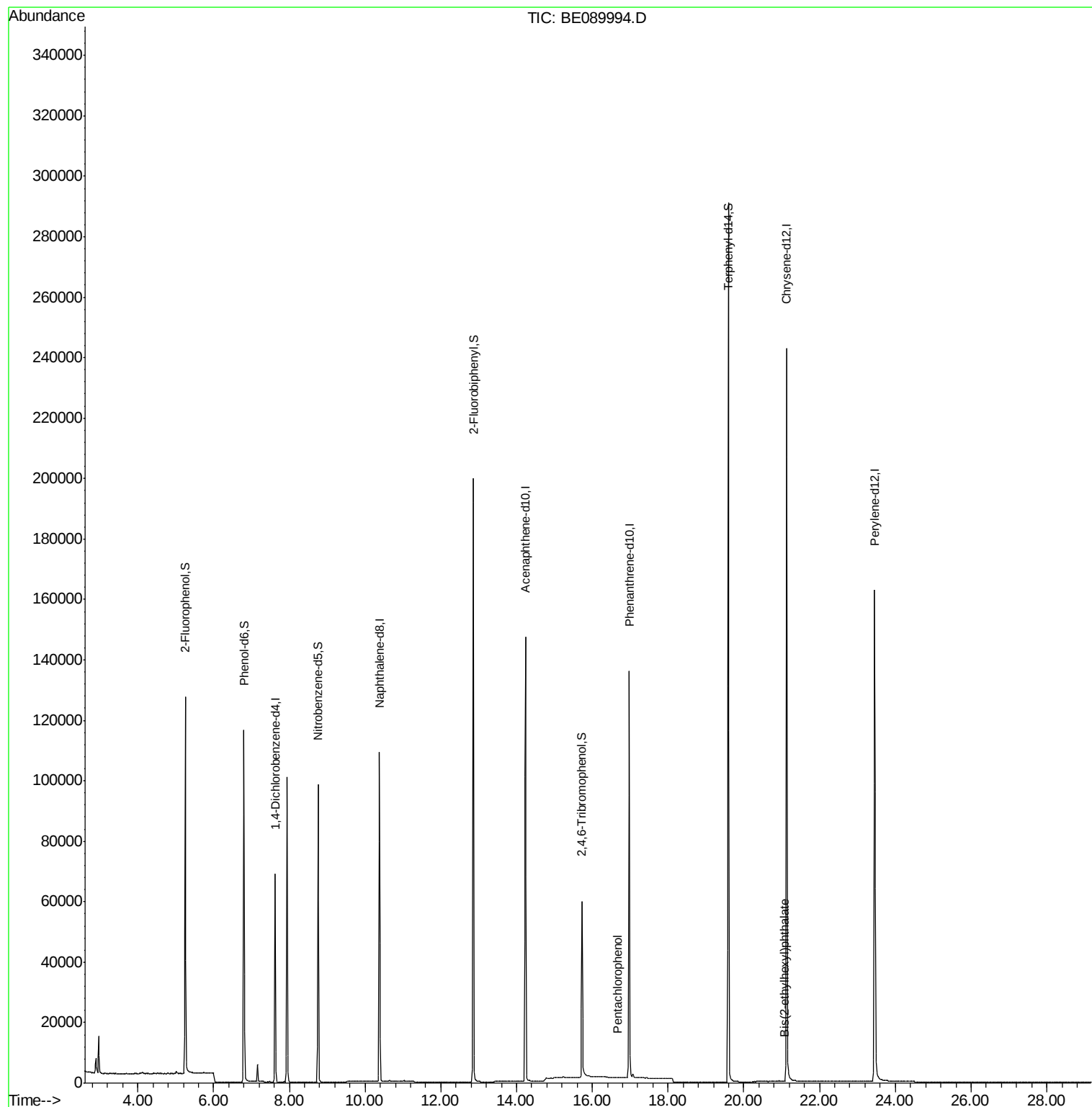
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	32154	5.00	ng	0.00
6) Naphthalene-d8	10.38	136	136198	5.00	ng	0.00
12) Acenaphthene-d10	14.23	164	82439	5.00	ng	0.00
18) Phenanthrene-d10	16.98	188	197037	5.00	ng	0.00
25) Chrysene-d12	21.13	240	235004	5.00	ng	0.00
32) Perylene-d12	23.46	264	232647	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.25	112	81776	11.07	ng	0.00
5) Phenol-d6	6.80	99	114747	11.10	ng	0.00
7) Nitrobenzene-d5	8.76	82	79433	7.34	ng	0.00
13) 2,4,6-Tribromophenol	15.73	330	26223	10.86	ng	0.00
14) 2-Fluorobiphenyl	12.86	172	181603	7.33	ng	0.00
27) Terphenyl-d14	19.59	244	300091	7.66	ng	0.00
Target Compounds						
21) Pentachlorophenol	16.67	266	9	0.26	ng	# 54
30) Bis(2-ethylhexyl)phthalate	21.06	149	151	0.31	ng	# 97

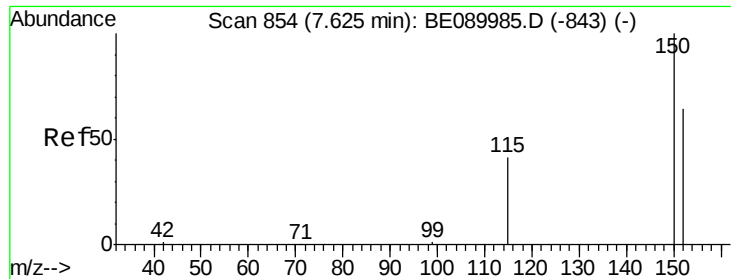
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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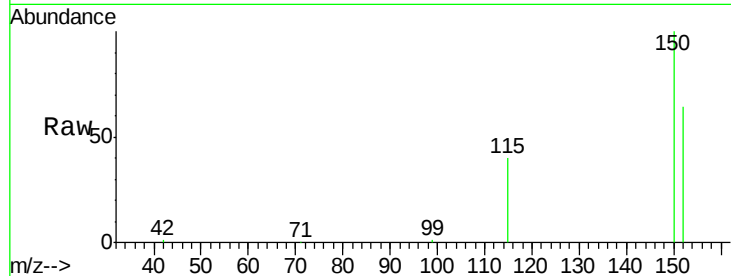


#1

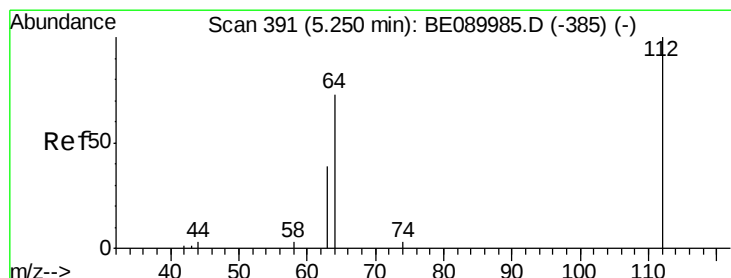
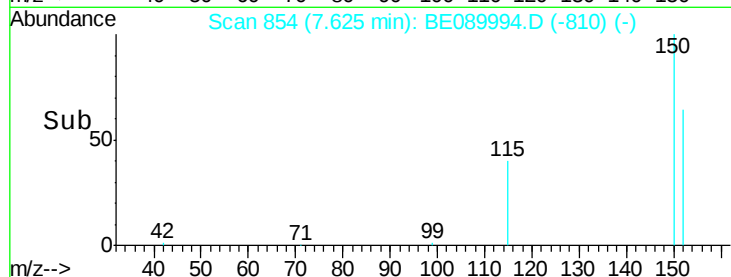
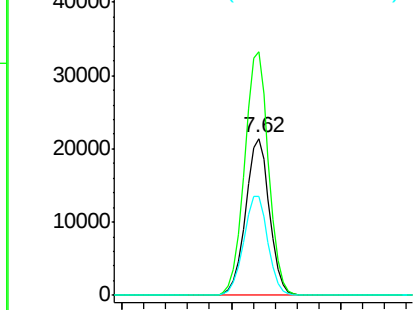
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.62 min Scan# 854
Delta R.T. 0.00 min
Lab File: BE089994.D
Acq: 29 Jun 2015 22:07

Instrument :
BNA_E
ClientSampled :
PB84124BL

Tgt Ion:152 Resp: 32154
Ion Ratio Lower Upper
152 100
150 155.1 123.9 185.9
115 62.7 50.6 76.0



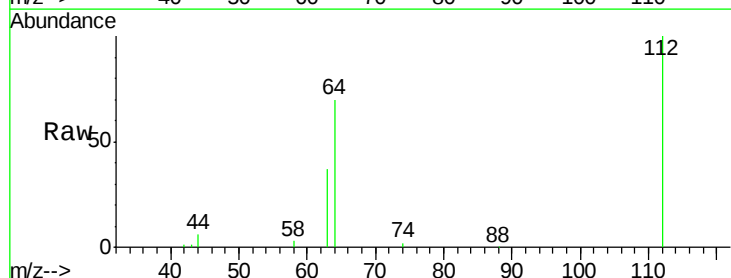
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



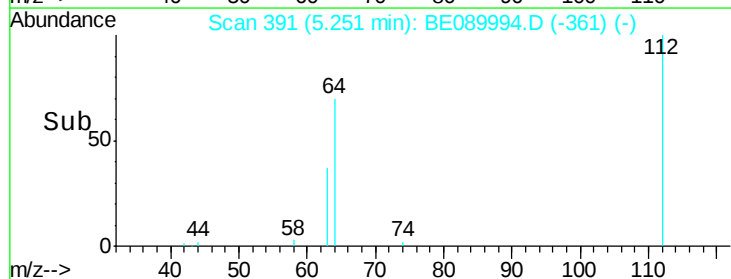
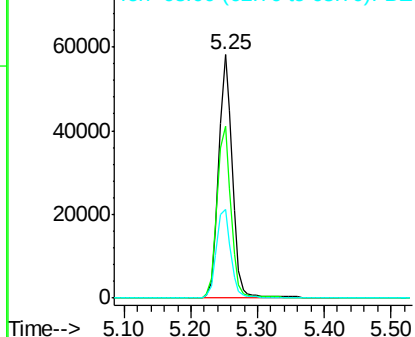
#4

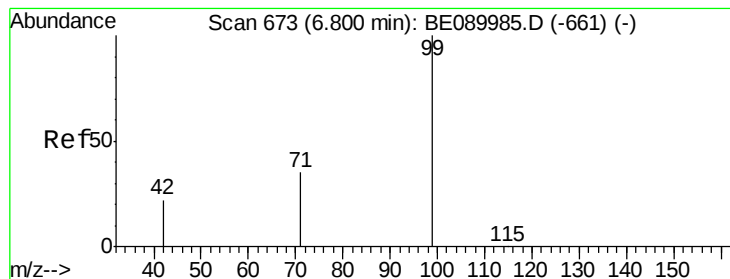
2-Fluorophenol
Concen: 11.07 ng
RT: 5.25 min Scan# 391
Delta R.T. 0.00 min
Lab File: BE089994.D
Acq: 29 Jun 2015 22:07

Tgt Ion:112 Resp: 81776
Ion Ratio Lower Upper
112 100
64 72.0 56.3 84.5
63 38.3 29.8 44.6



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BE0
Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 11.10 ng

RT: 6.80 min Scan# 673

Delta R.T. 0.00 min

Lab File: BE089994.D

Acq: 29 Jun 2015 22:07

Instrument :

BNA_E

ClientSampleId :

PB84124BL

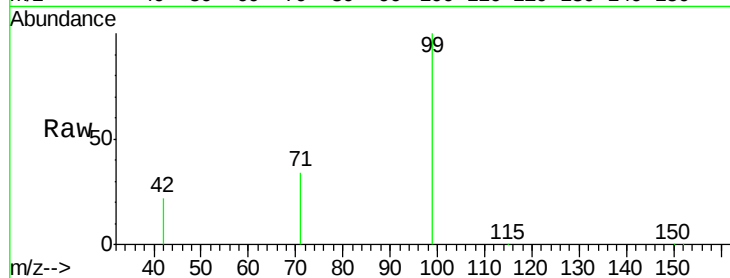
Tgt Ion: 99 Resp: 114747

Ion Ratio Lower Upper

99 100

42 22.1 18.7 28.1

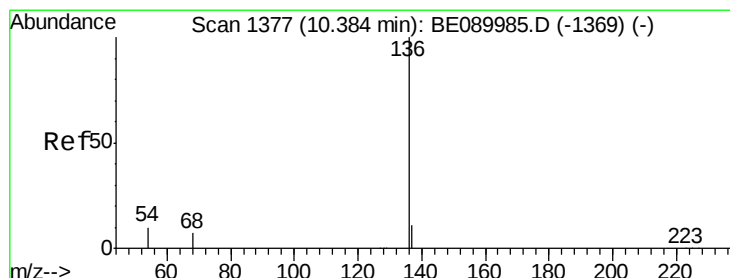
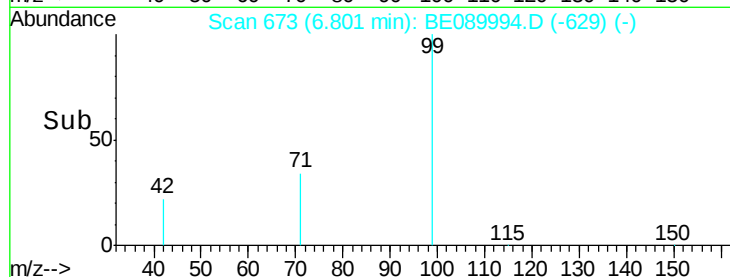
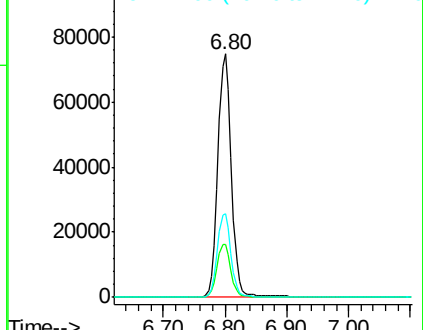
71 34.4 27.5 41.3



Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.38 min Scan# 1376

Delta R.T. -0.01 min

Lab File: BE089994.D

Acq: 29 Jun 2015 22:07

Tgt Ion: 136 Resp: 136198

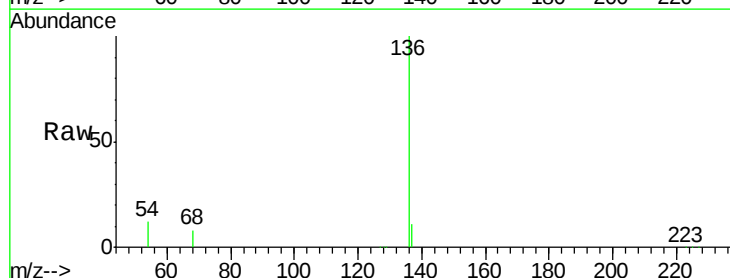
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 11.8 8.2 12.4

68 8.1 5.8 8.8

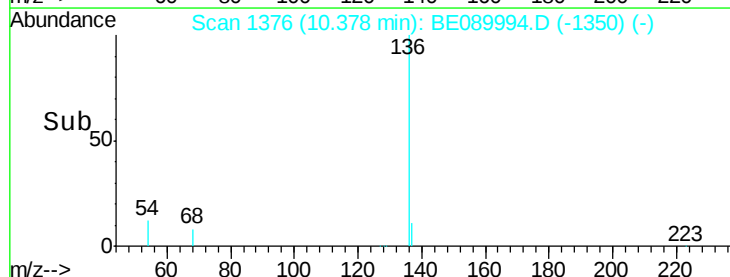
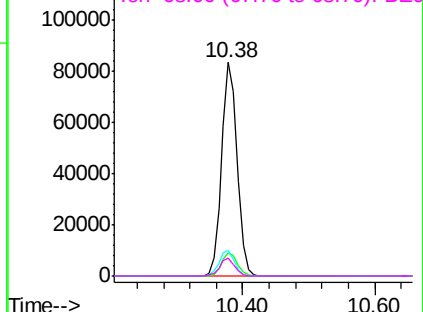


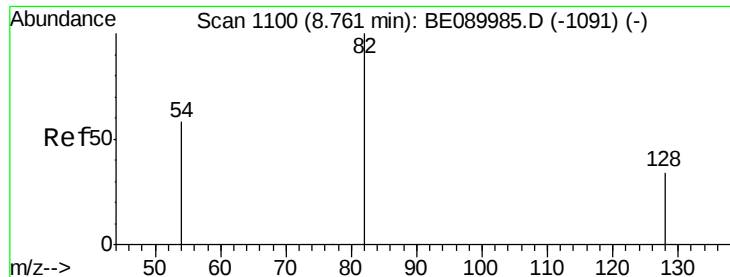
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0





#7

Nitrobenzene-d5

Concen: 7.34 ng

RT: 8.76 min Scan# 1100

Delta R.T. -0.00 min

Lab File: BE089994.D

Acq: 29 Jun 2015 22:07

Instrument :

BNA_E

ClientSampleId :

PB84124BL

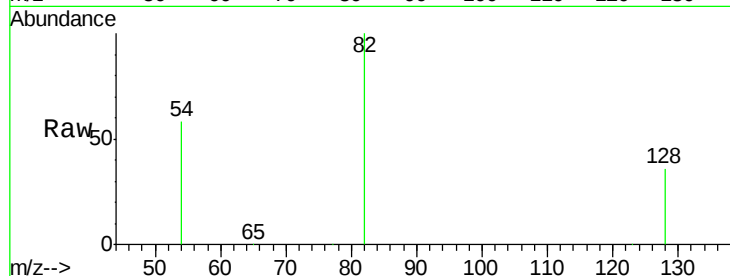
Tgt Ion: 82 Resp: 79433

Ion Ratio Lower Upper

82 100

128 35.5 28.0 42.0

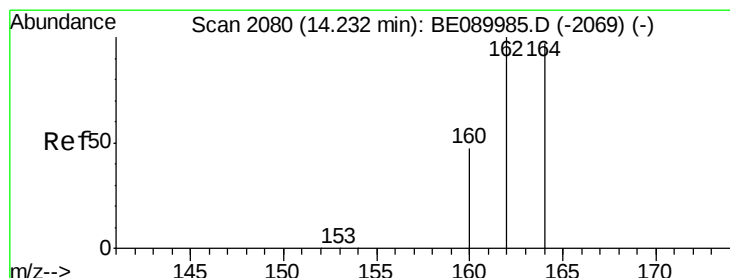
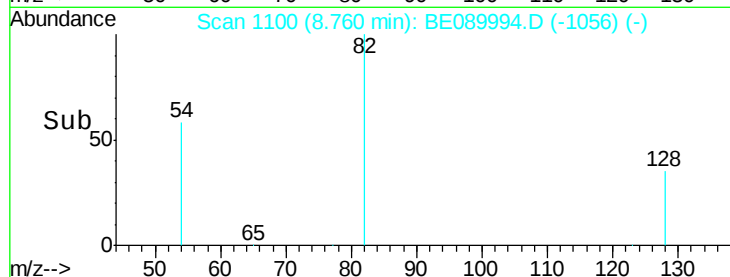
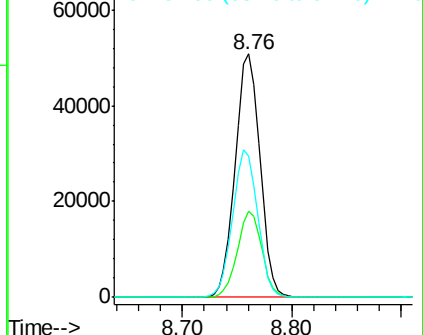
54 58.0 47.6 71.4



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



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.23 min Scan# 2080

Delta R.T. -0.00 min

Lab File: BE089994.D

Acq: 29 Jun 2015 22:07

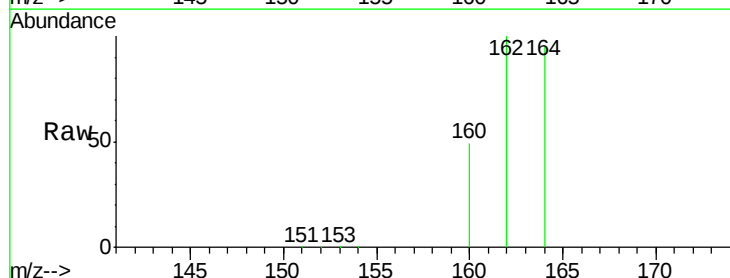
Tgt Ion: 164 Resp: 82439

Ion Ratio Lower Upper

164 100

162 105.8 82.2 123.4

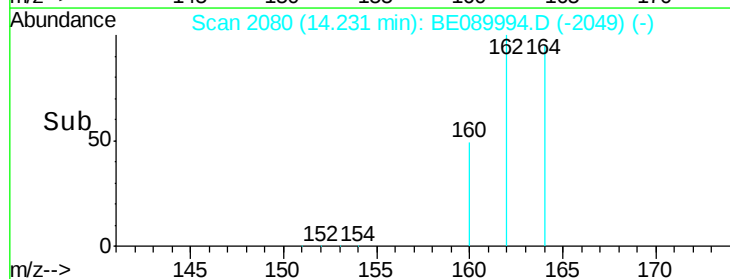
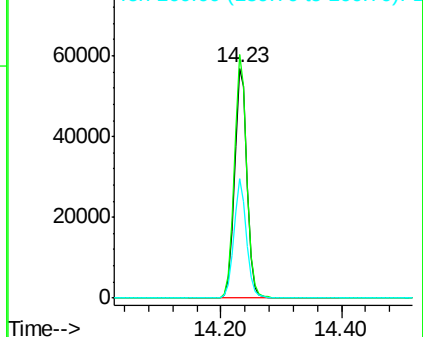
160 51.8 39.0 58.6

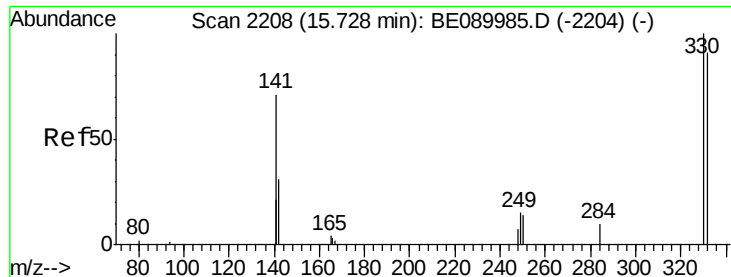


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

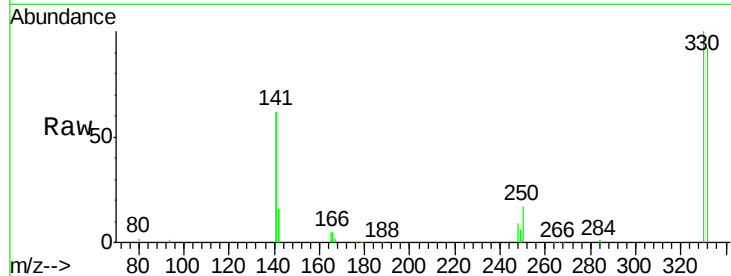




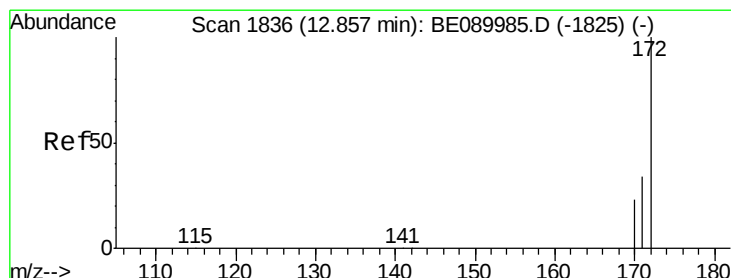
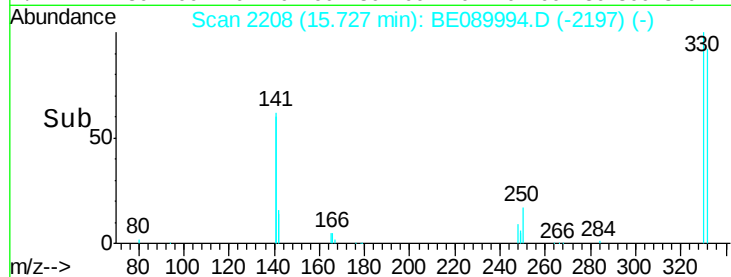
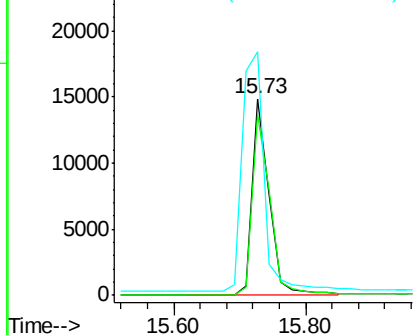
#13
 2,4,6-Tribromophenol
 Concen: 10.86 ng
 RT: 15.73 min Scan# 2208
 Delta R.T. -0.00 min
 Lab File: BE089994.D
 Acq: 29 Jun 2015 22:07

Instrument :
 BNA_E
 ClientSampleId :
 PB84124BL

Tgt Ion:330 Resp: 26223
 Ion Ratio Lower Upper
 330 100
 332 96.7 76.4 114.6
 141 158.5 130.3 195.5

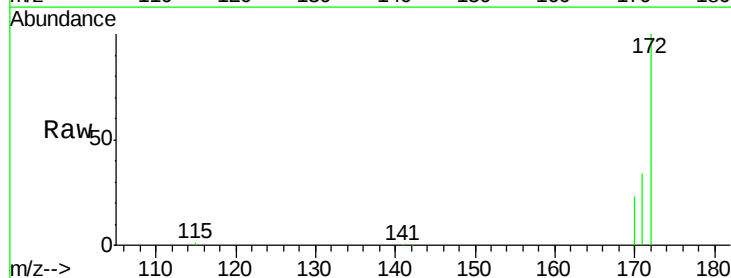


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

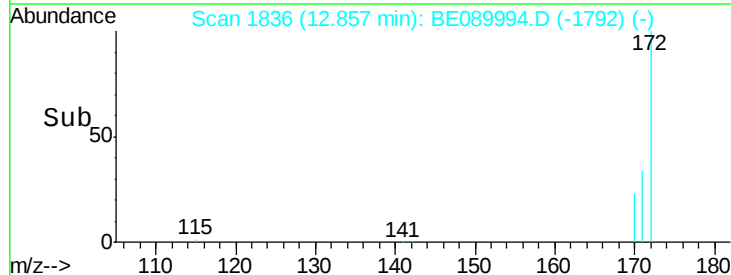
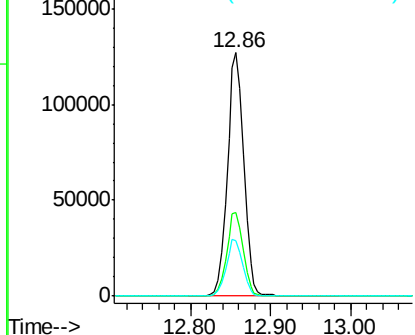


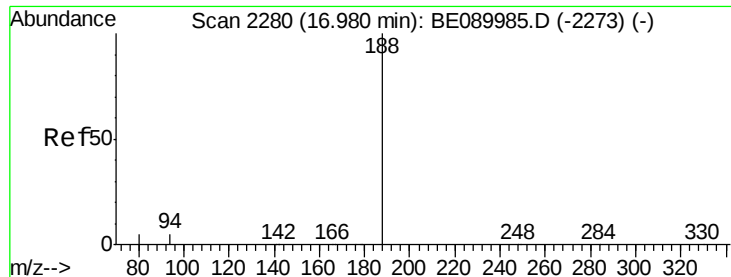
#14
 2-Fluorobiphenyl
 Concen: 7.33 ng
 RT: 12.86 min Scan# 1836
 Delta R.T. -0.00 min
 Lab File: BE089994.D
 Acq: 29 Jun 2015 22:07

Tgt Ion:172 Resp: 181603
 Ion Ratio Lower Upper
 172 100
 171 34.1 27.8 41.6
 170 22.6 18.3 27.5



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





#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 16.98 min Scan# 2280

Delta R.T. -0.00 min

Lab File: BE089994.D

Acq: 29 Jun 2015 22:07

Instrument :

BNA_E

ClientSampleId :

PB84124BL

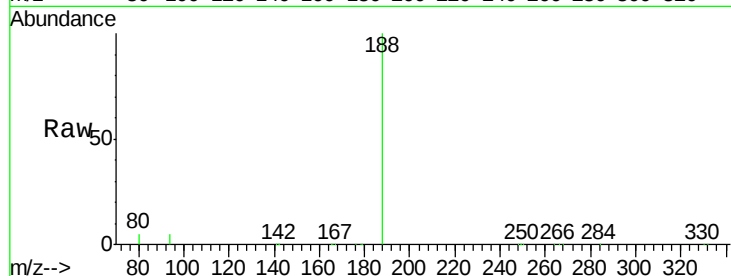
Tgt Ion:188 Resp: 197037

Ion Ratio Lower Upper

188 100

94 4.9 4.1 6.1

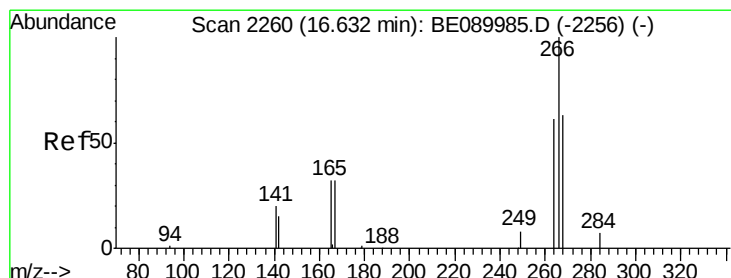
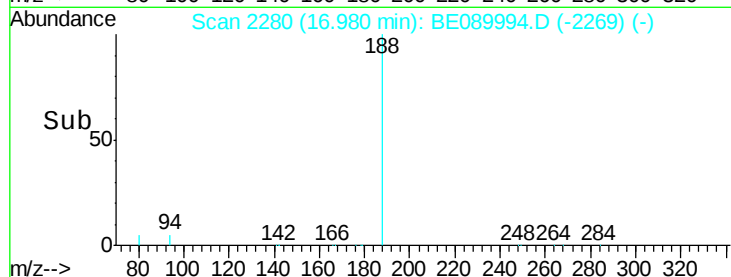
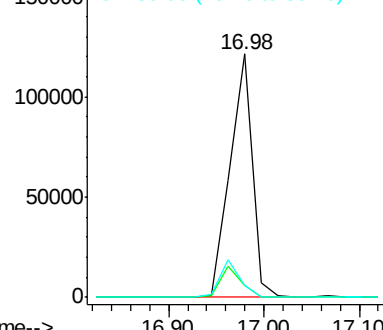
80 5.2 4.2 6.2



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



#21

Pentachlorophenol

Concen: 0.26 ng

RT: 16.67 min Scan# 2262

Delta R.T. 0.03 min

Lab File: BE089994.D

Acq: 29 Jun 2015 22:07

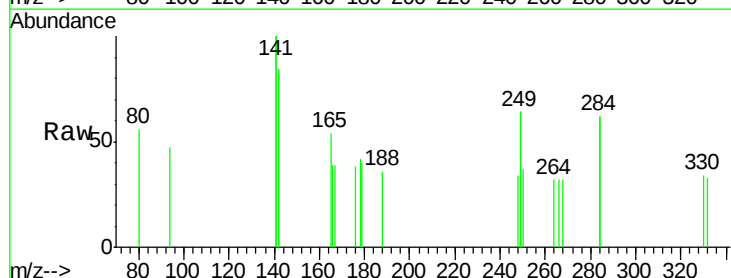
Tgt Ion:266 Resp: 9

Ion Ratio Lower Upper

266 100

268 100.0 51.8 77.8#

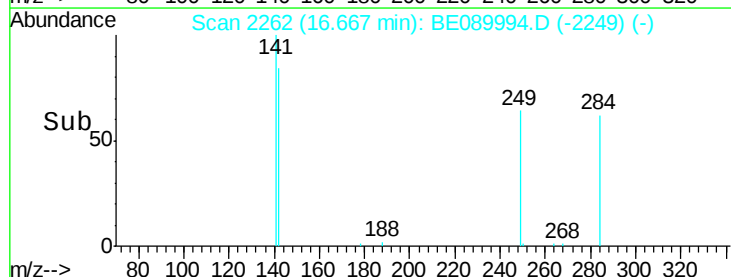
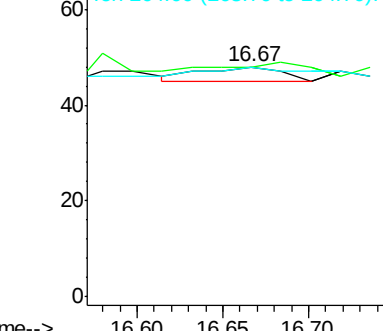
264 100.0 50.2 75.2#

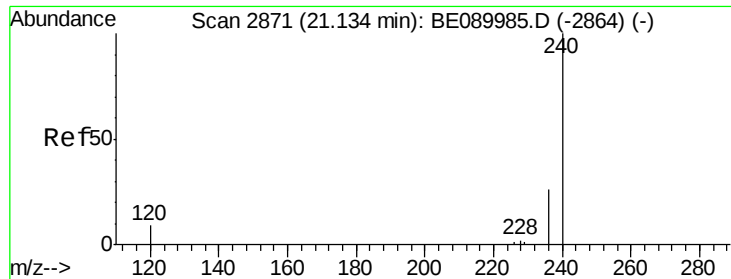


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#25

Chrysene-d12

Concen: 5.00 ng

RT: 21.13 min Scan# 2870

Delta R.T. -0.01 min

Lab File: BE089994.D

Acq: 29 Jun 2015 22:07

Instrument :

BNA_E

ClientSampleId :

PB84124BL

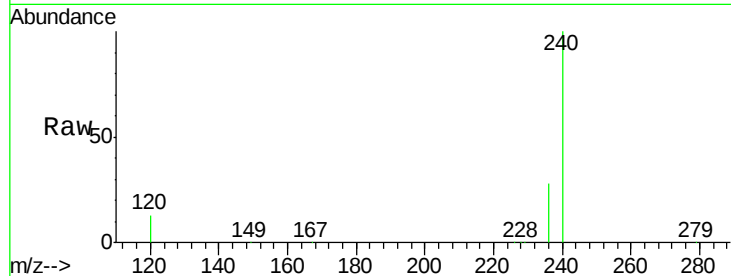
Tgt Ion:240 Resp: 235004

Ion Ratio Lower Upper

240 100

120 12.9 6.9 10.3#

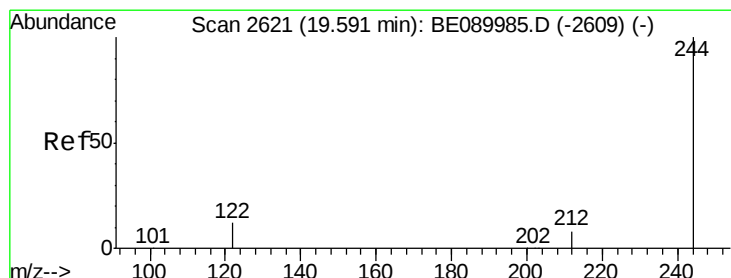
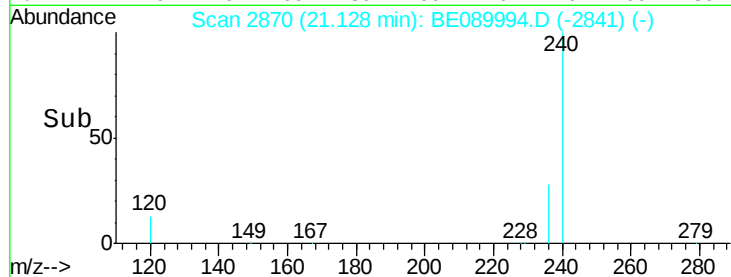
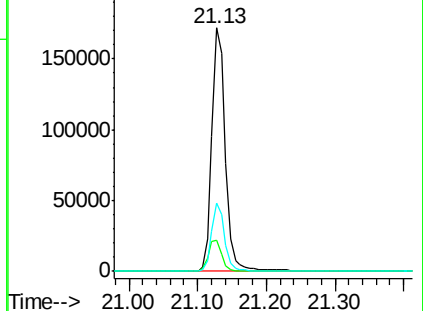
236 27.8 20.8 31.2



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



#27

Terphenyl-d14

Concen: 7.66 ng

RT: 19.59 min Scan# 2621

Delta R.T. -0.00 min

Lab File: BE089994.D

Acq: 29 Jun 2015 22:07

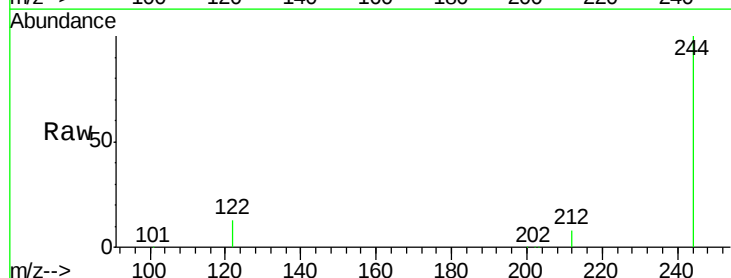
Tgt Ion:244 Resp: 300091

Ion Ratio Lower Upper

244 100

212 8.2 6.6 9.8

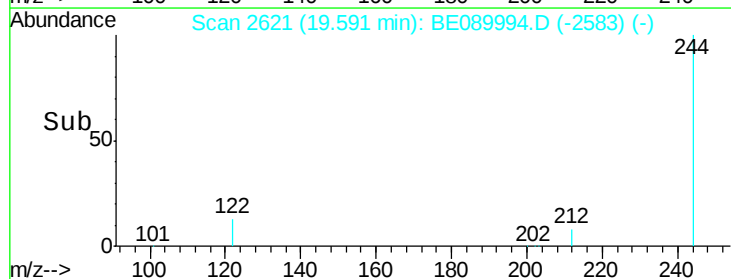
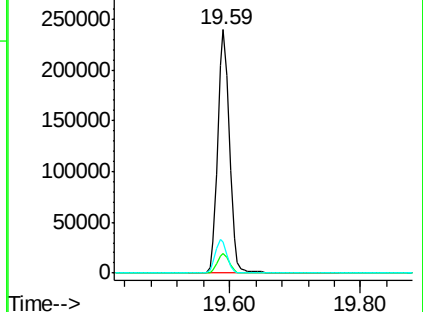
122 12.6 9.8 14.8

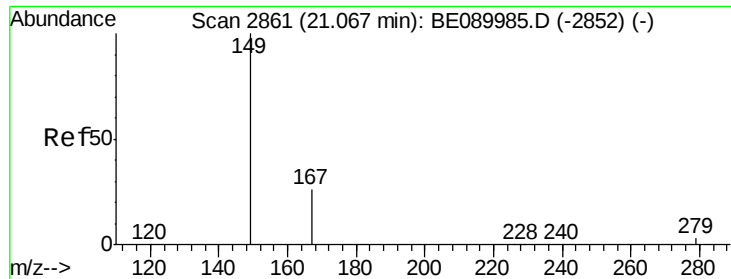


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

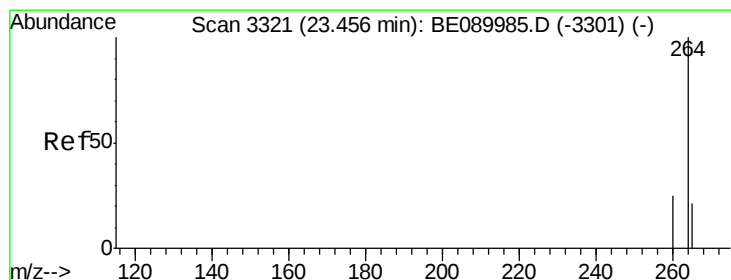
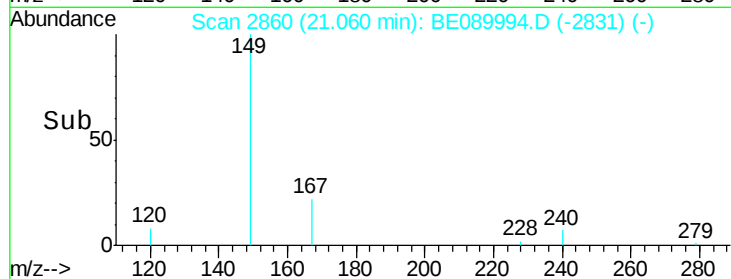
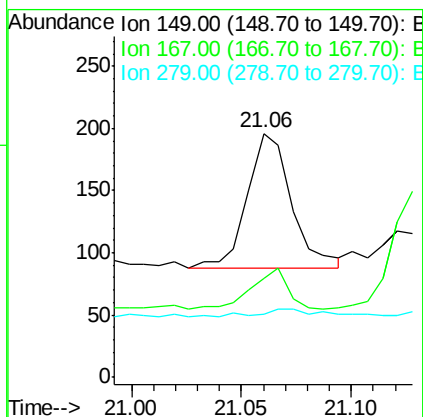
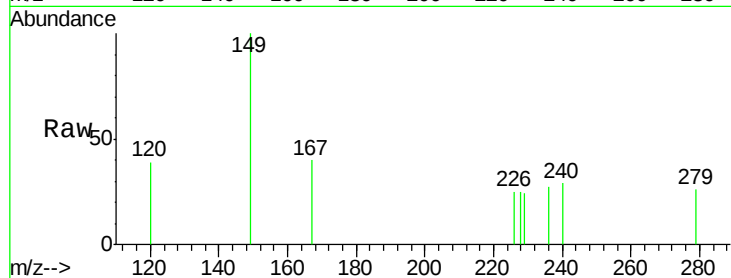




#30
 Bis(2-ethylhexyl)phthalate
 Concen: 0.31 ng
 RT: 21.06 min Scan# 2860
 Delta R.T. -0.01 min
 Lab File: BE089994.D
 Acq: 29 Jun 2015 22:07

Instrument :
 BNA_E
 ClientSampleID :
 PB84124BL

Tgt Ion:149 Resp: 151
 Ion Ratio Lower Upper
 149 100
 167 24.5 20.3 30.5
 279 8.6 2.6 3.8#



#32
 Perylene-d12
 Concen: 5.00 ng
 RT: 23.46 min Scan# 3321
 Delta R.T. -0.00 min
 Lab File: BE089994.D
 Acq: 29 Jun 2015 22:07

Tgt Ion:264 Resp: 232647
 Ion Ratio Lower Upper
 264 100
 260 25.1 20.2 30.2
 265 21.5 17.1 25.7

