

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE021017\
 Data File : BE092721.D
 Acq On : 10 Feb 2017 14:51
 Operator : SJ/MA
 Sample : PB96821BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB96821BL

Quant Time: Feb 10 16:04:04 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE011617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 17 10:14:01 2017
 Response via : Initial Calibration

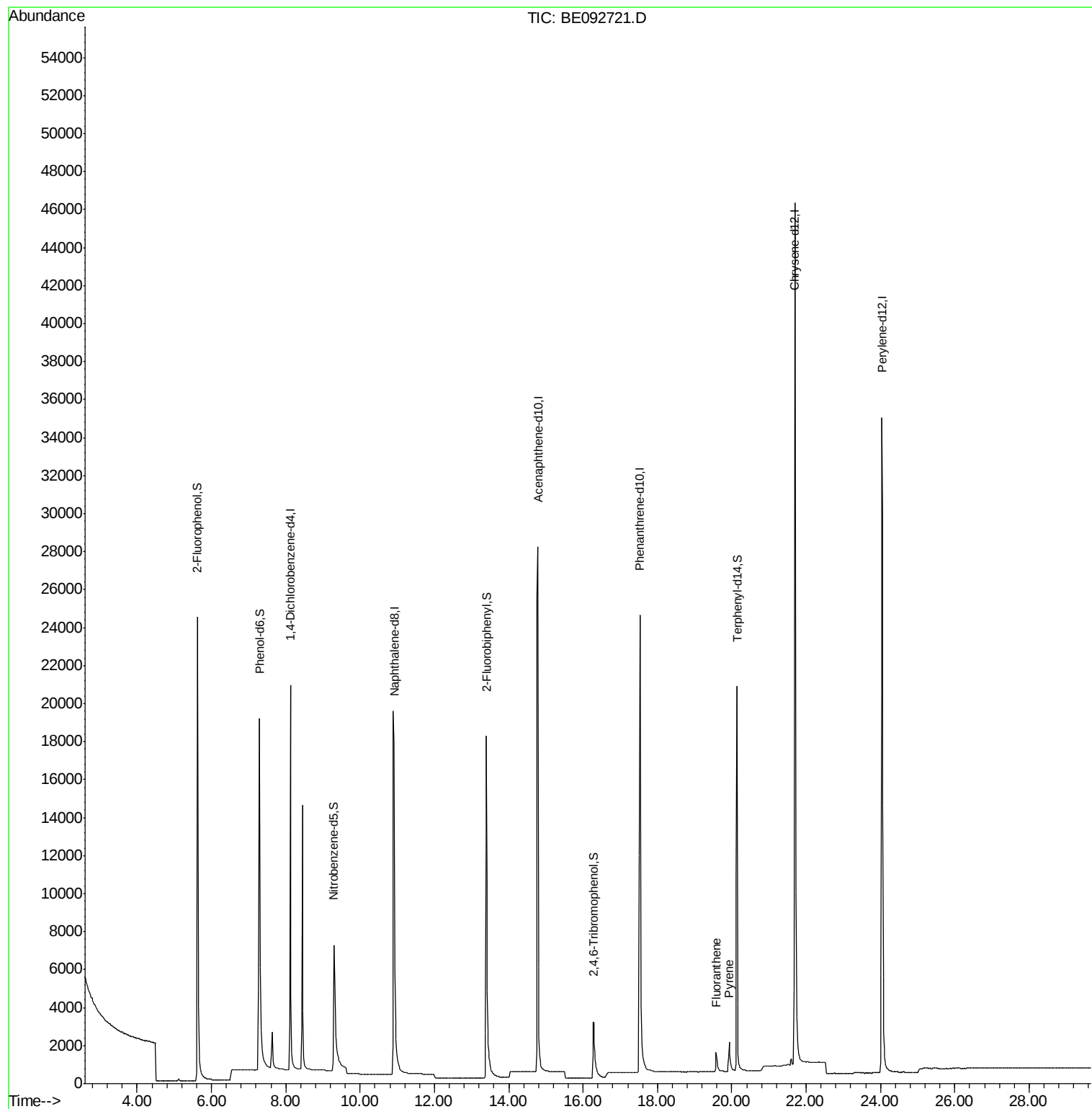
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	11882	5.00	ng	-0.02
7) Naphthalene-d8	10.91	136	46447	5.00	ng	0.00
12) Acenaphthene-d10	14.78	164	26093	5.00	ng	0.00
18) Phenanthrene-d10	17.53	188	47663	5.00	ng	0.00
24) Chrysene-d12	21.70	240	59101	5.00	ng	-0.02
31) Perylene-d12	24.04	264	54992	5.00	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.62	112	22730	8.57	ng	-0.03
5) Phenol-d6	7.29	99	28451	8.75	ng	-0.04
8) Nitrobenzene-d5	9.29	82	12095	4.01	ng	-0.04
13) 2,4,6-Tribromophenol	16.27	330	4511	5.89	ng	-0.02
14) 2-Fluorobiphenyl	13.40	172	26561	4.14	ng	-0.02
26) Terphenyl-d14	20.14	244	30169	3.61	ng	-0.02
Target Compounds						Qvalue
23) Fluoranthene	19.58	202	2734	0.06	ng	99
25) Pyrene	19.94	202	2505	0.04	ng	97

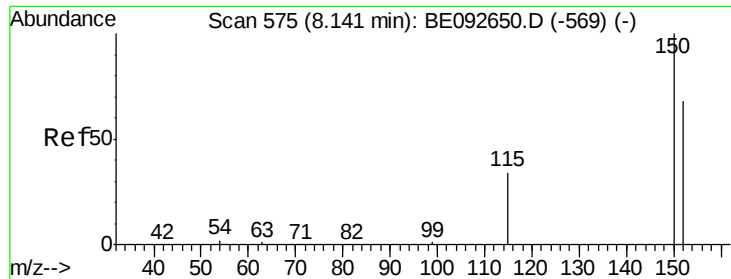
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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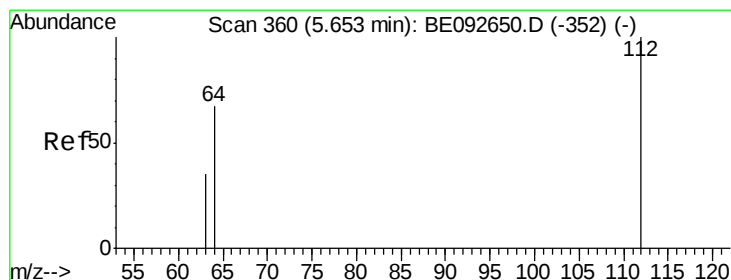
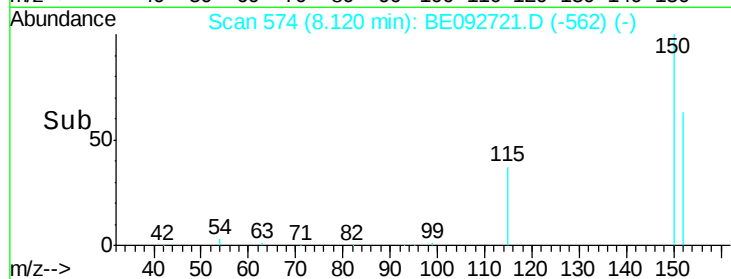
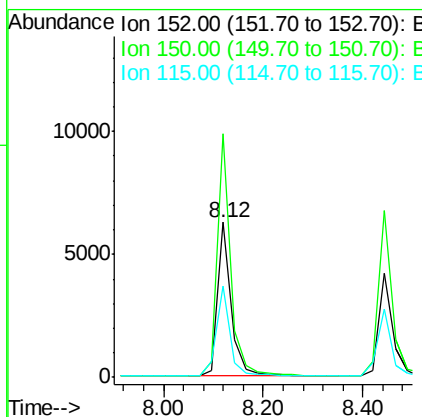
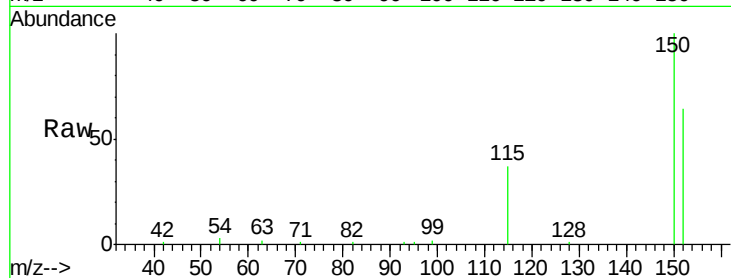




#1
 1,4-Dichlorobenzene-d4
 Concen: 5.00 ng
 RT: 8.12 min Scan# 574
 Delta R.T. -0.02 min
 Lab File: BE092721.D
 Acq: 10 Feb 2017 14:51

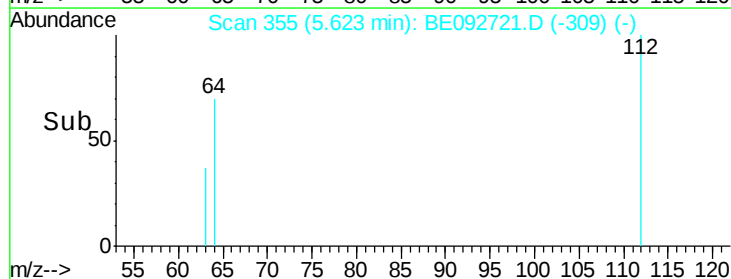
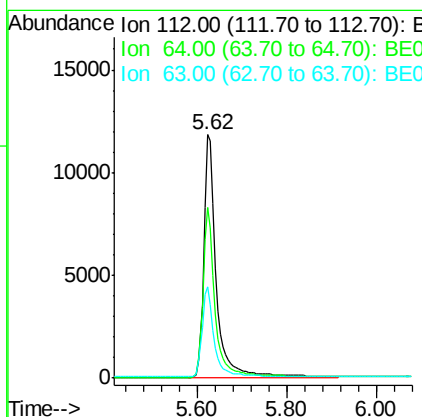
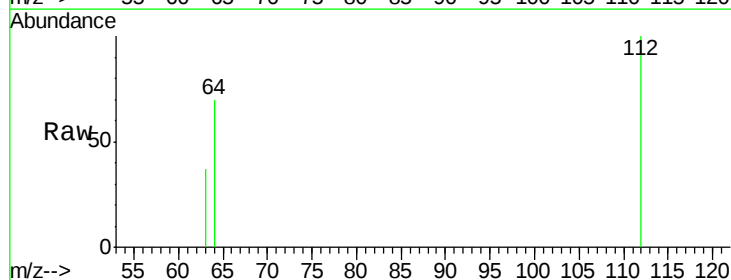
Instrument :
 BNA_E
 ClientSampleId :
 PB96821BL

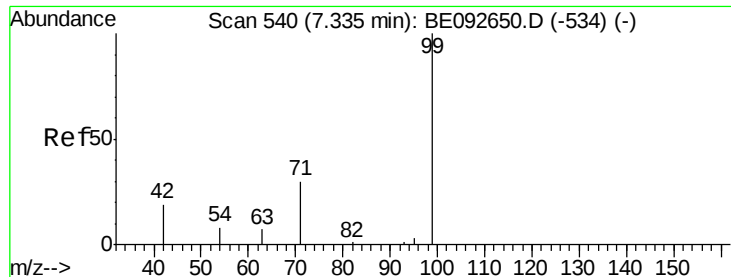
Tgt Ion:152 Resp: 11882
 Ion Ratio Lower Upper
 152 100
 150 157.2 106.0 159.0
 115 58.6 31.2 46.8#



#4
 2-Fluorophenol
 Concen: 8.57 ng
 RT: 5.62 min Scan# 355
 Delta R.T. -0.03 min
 Lab File: BE092721.D
 Acq: 10 Feb 2017 14:51

Tgt Ion:112 Resp: 22730
 Ion Ratio Lower Upper
 112 100
 64 68.0 53.5 80.3
 63 36.4 27.9 41.9





#5

Phenol-d6

Concen: 8.75 ng

RT: 7.29 min Scan# 538

Delta R.T. -0.04 min

Lab File: BE092721.D

Acq: 10 Feb 2017 14:51

Instrument :

BNA_E

ClientSampleId :

PB96821BL

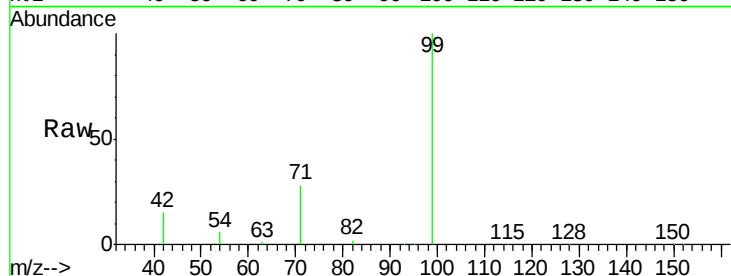
Tgt Ion: 99 Resp: 28451

Ion Ratio Lower Upper

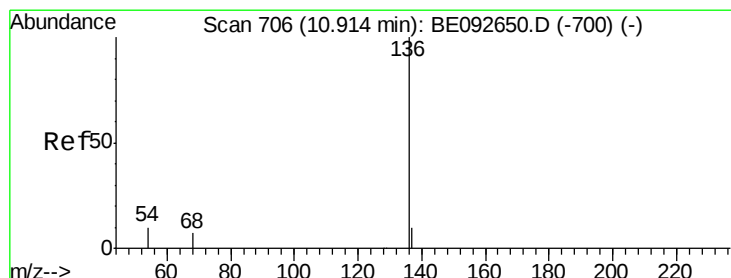
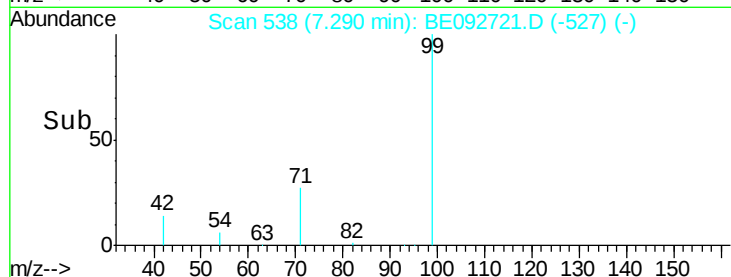
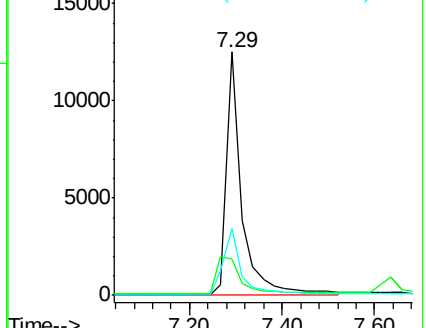
99 100

42 0.0 16.0 24.0#

71 32.3 30.6 45.8



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



#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.91 min Scan# 706

Delta R.T. -0.00 min

Lab File: BE092721.D

Acq: 10 Feb 2017 14:51

Tgt Ion: 136 Resp: 46447

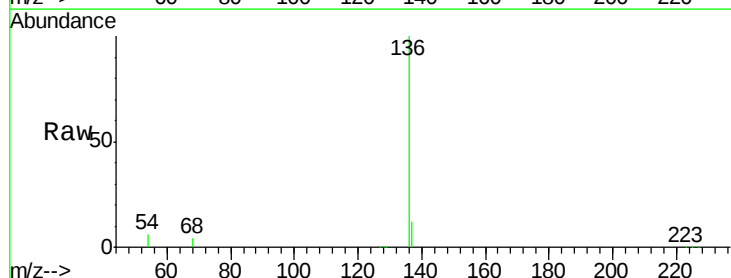
Ion Ratio Lower Upper

136 100

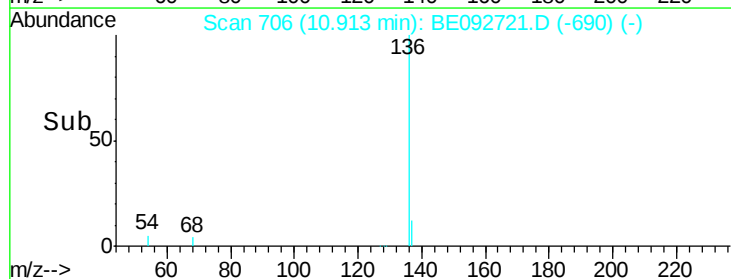
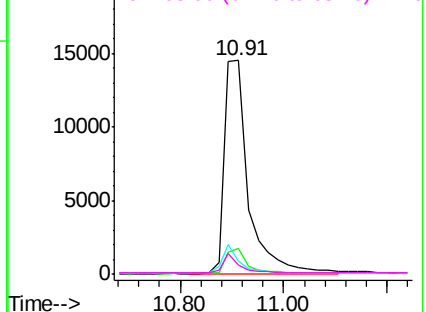
137 12.0 8.2 12.4

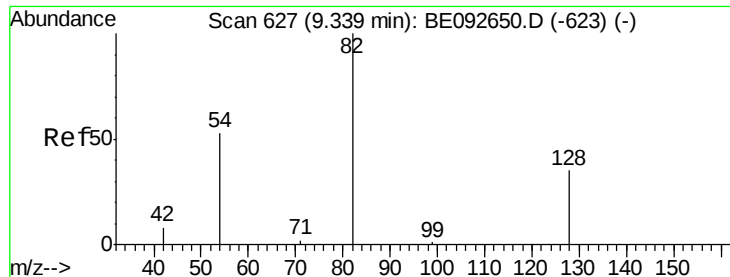
54 5.9 9.6 14.4#

68 4.4 6.7 10.1#



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





#8

Nitrobenzene-d5

Concen: 4.01 ng

RT: 9.29 min Scan# 625

Delta R.T. -0.04 min

Lab File: BE092721.D

Acq: 10 Feb 2017 14:51

Instrument :

BNA_E

ClientSampleId :

PB96821BL

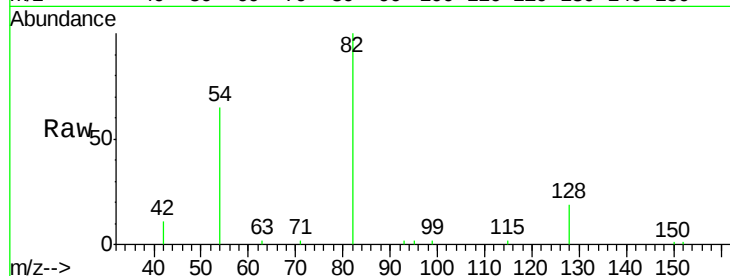
Tgt Ion: 82 Resp: 12095

Ion Ratio Lower Upper

82 100

128 18.9 39.0 58.4#

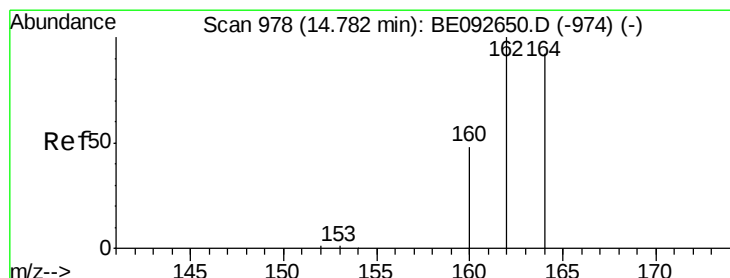
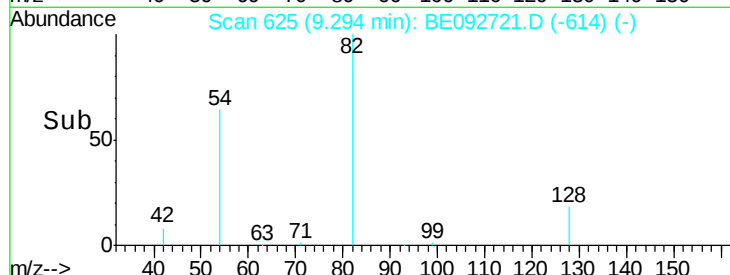
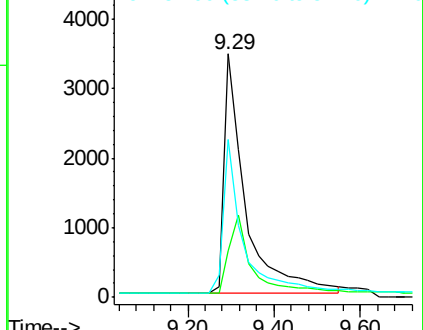
54 64.8 44.8 67.2



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: 14.78 min Scan# 978

Delta R.T. -0.00 min

Lab File: BE092721.D

Acq: 10 Feb 2017 14:51

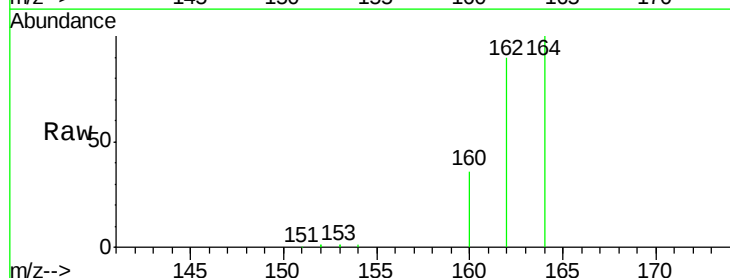
Tgt Ion: 164 Resp: 26093

Ion Ratio Lower Upper

164 100

162 90.3 71.4 107.0

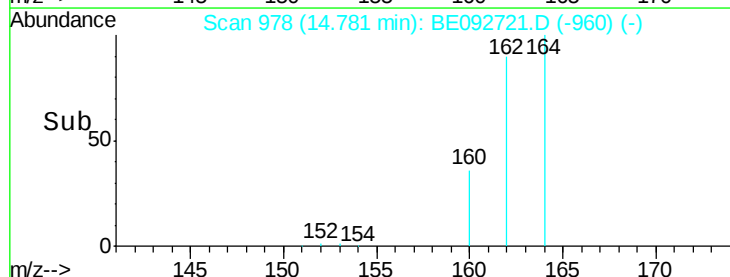
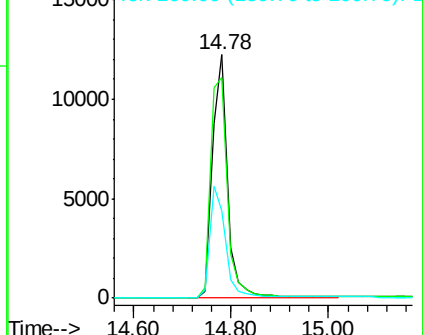
160 35.9 27.4 41.2

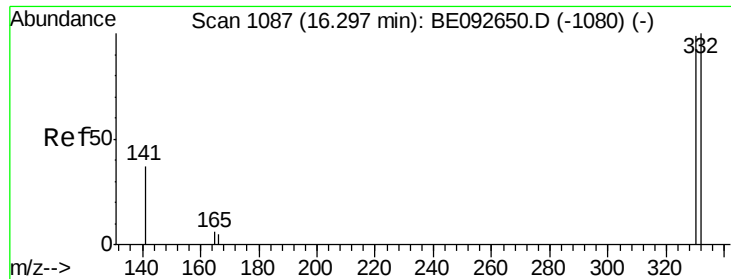


Abundance Ion 164.00 (163.70 to 164.70): BE0

Ion 162.00 (161.70 to 162.70): BE0

Ion 160.00 (159.70 to 160.70): BE0

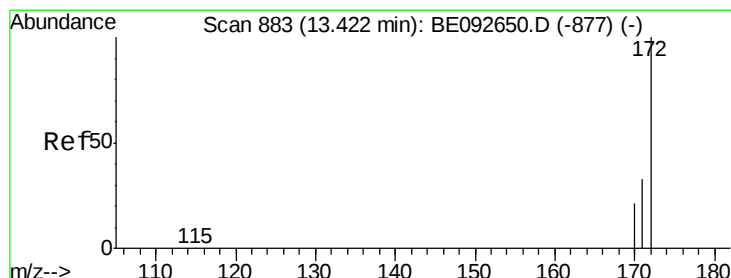
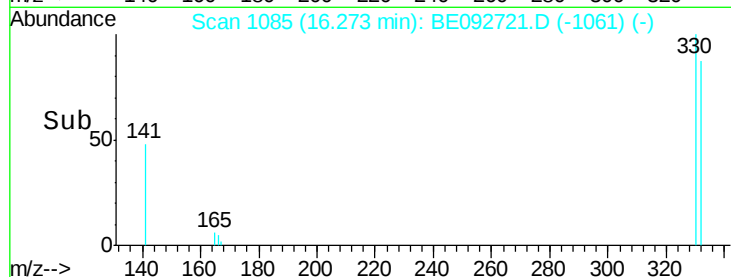
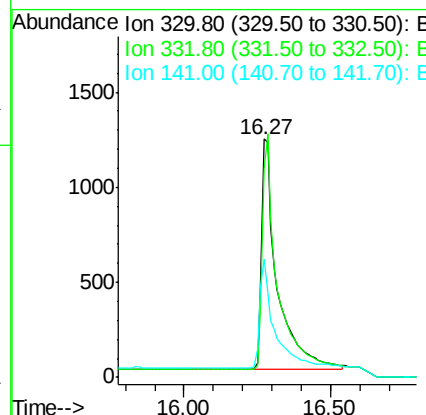
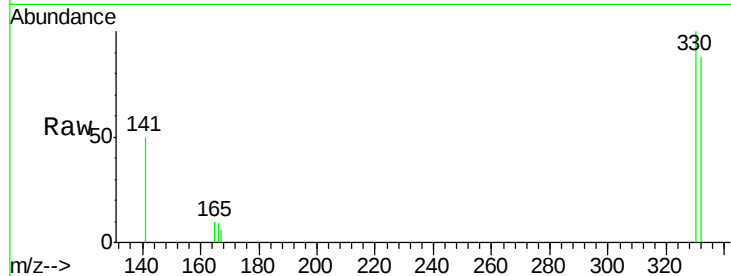




#13
 2,4,6-Tribromophenol
 Concen: 5.89 ng
 RT: 16.27 min Scan# 1085
 Delta R.T. -0.02 min
 Lab File: BE092721.D
 Acq: 10 Feb 2017 14:51

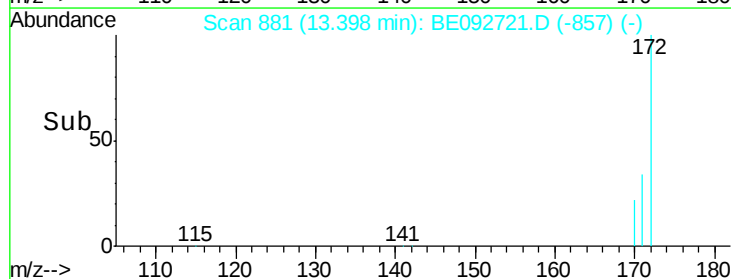
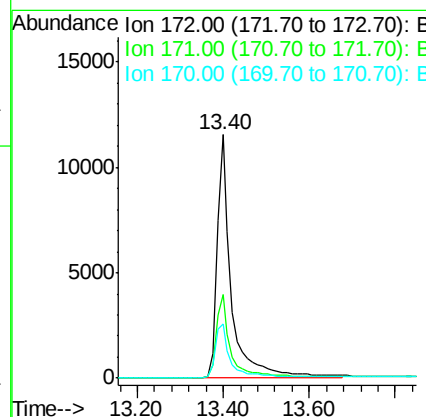
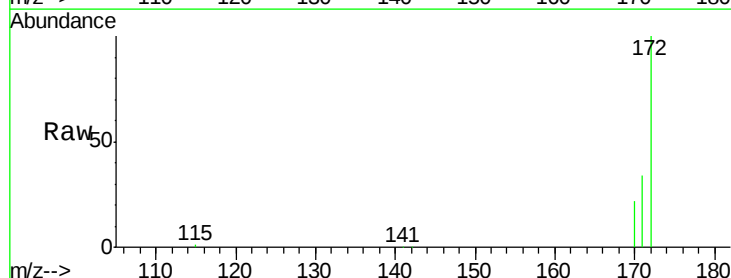
Instrument :
 BNA_E
 ClientSampleId :
 PB96821BL

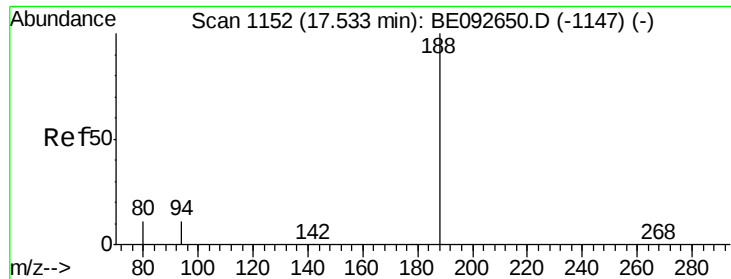
Tgt Ion: 330 Resp: 4511
 Ion Ratio Lower Upper
 330 100
 332 97.6 75.4 113.0
 141 44.0 31.0 46.6



#14
 2-Fluorobiphenyl
 Concen: 4.14 ng
 RT: 13.40 min Scan# 881
 Delta R.T. -0.02 min
 Lab File: BE092721.D
 Acq: 10 Feb 2017 14:51

Tgt Ion: 172 Resp: 26561
 Ion Ratio Lower Upper
 172 100
 171 34.1 30.1 45.1
 170 22.4 21.8 32.6

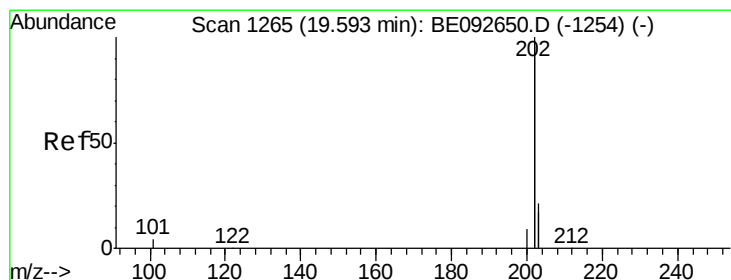
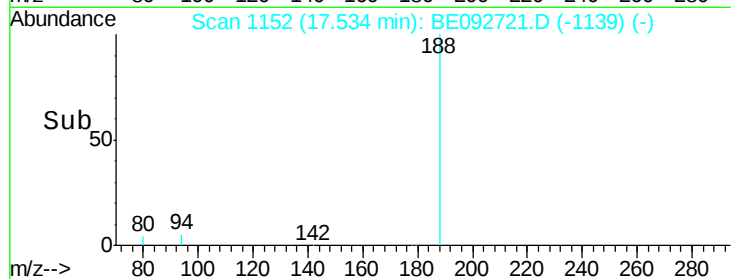
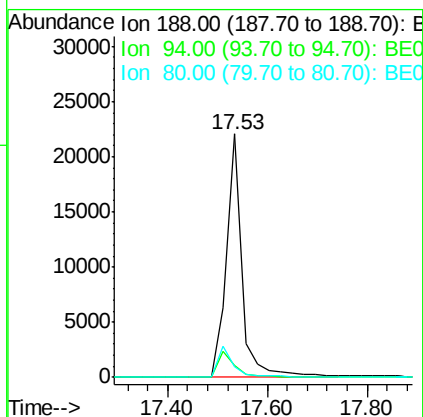
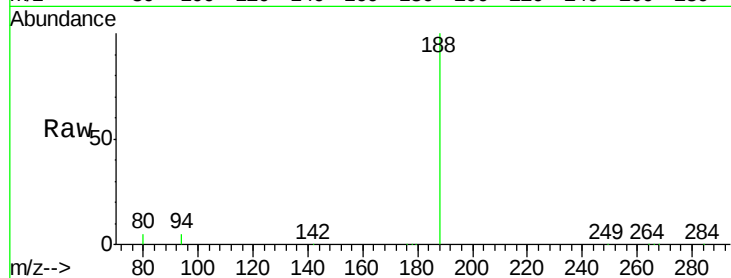




#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.53 min Scan# 1152
Delta R.T. 0.00 min
Lab File: BE092721.D
Acq: 10 Feb 2017 14:51

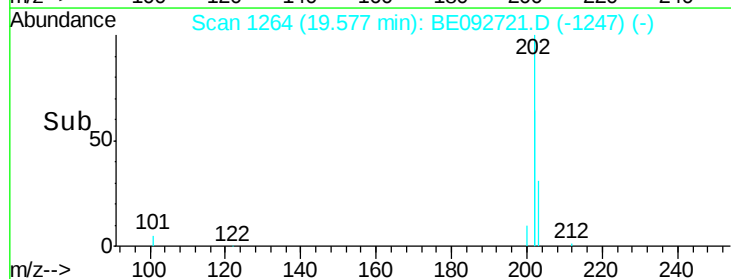
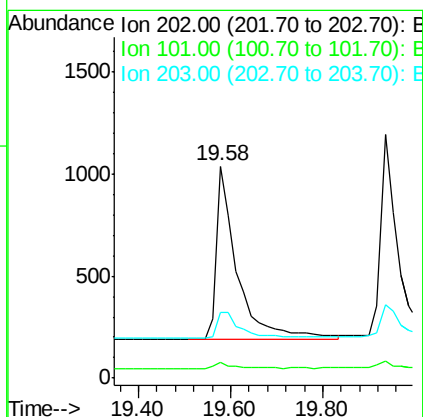
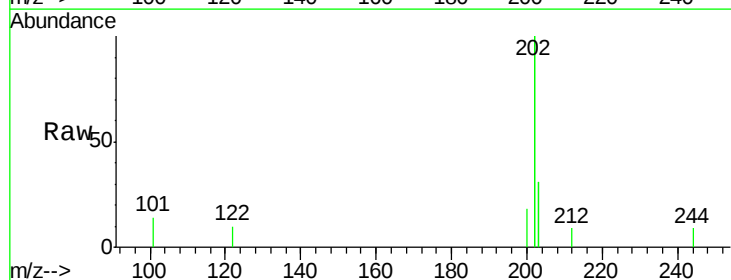
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ClientSampleId :
PB96821BL

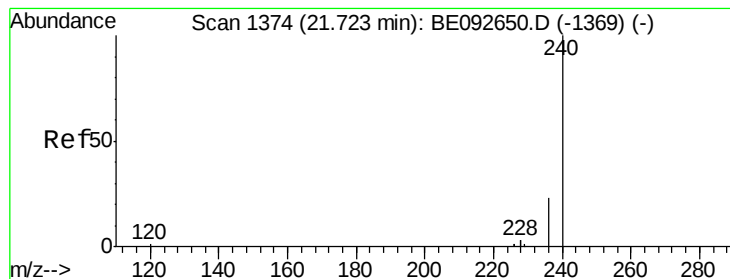
Tgt Ion:188 Resp: 47663
Ion Ratio Lower Upper
188 100
94 4.9 3.2 4.8#
80 4.6 2.6 3.8#



#23
Fluoranthene
Concen: 0.06 ng
RT: 19.58 min Scan# 1264
Delta R.T. -0.02 min
Lab File: BE092721.D
Acq: 10 Feb 2017 14:51

Tgt Ion:202 Resp: 2734
Ion Ratio Lower Upper
202 100
101 2.6 2.2 3.4
203 17.5 13.7 20.5





#24

Chrysene-d12

Concen: 5.00 ng

RT: 21.70 min Scan# 1373

Delta R.T. -0.02 min

Lab File: BE092721.D

Acq: 10 Feb 2017 14:51

Instrument :

BNA_E

ClientSampleId :

PB96821BL

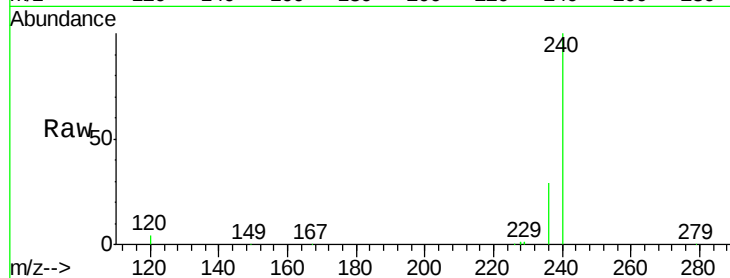
Tgt Ion:240 Resp: 59101

Ion Ratio Lower Upper

240 100

120 4.1 2.6 4.0#

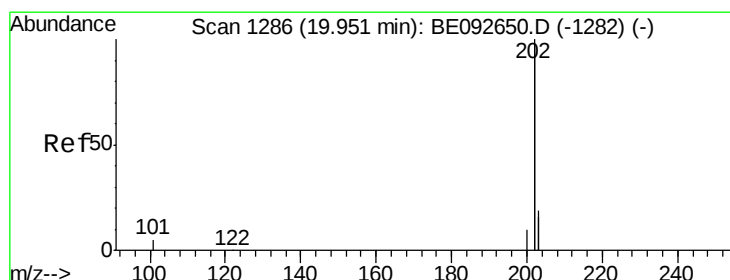
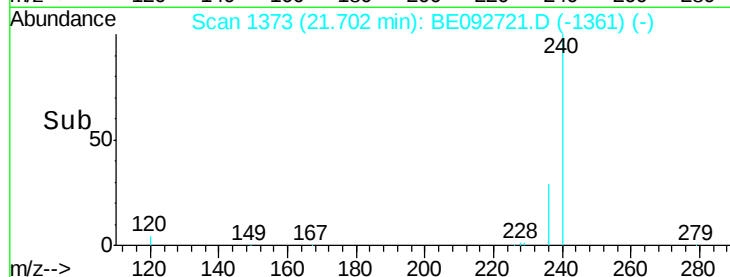
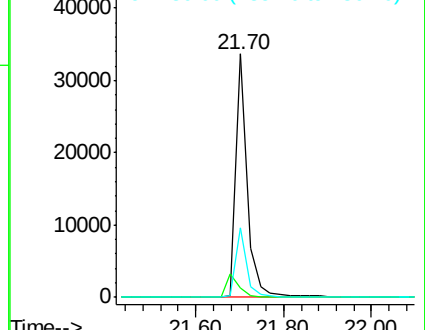
236 28.7 24.6 37.0



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



#25

Pyrene

Concen: 0.04 ng

RT: 19.94 min Scan# 1285

Delta R.T. -0.02 min

Lab File: BE092721.D

Acq: 10 Feb 2017 14:51

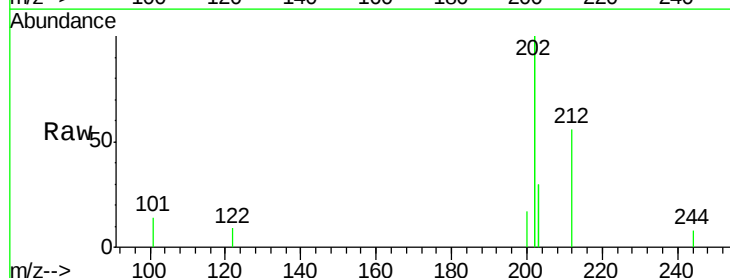
Tgt Ion:202 Resp: 2505

Ion Ratio Lower Upper

202 100

200 5.2 4.2 6.4

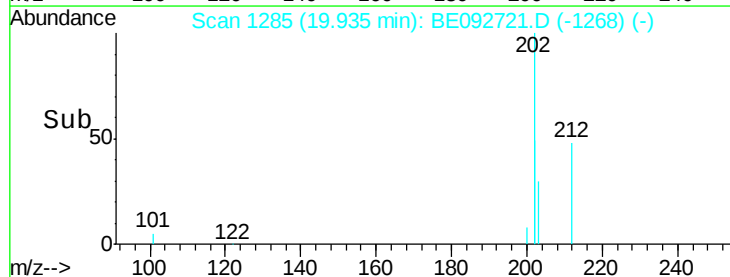
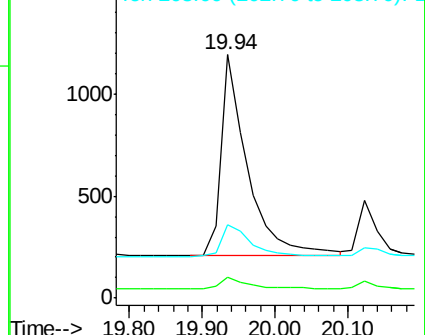
203 19.2 13.9 20.9

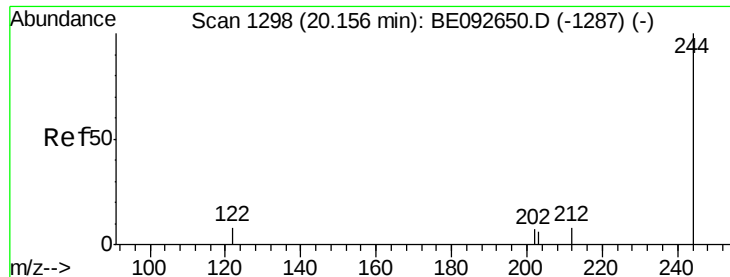


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

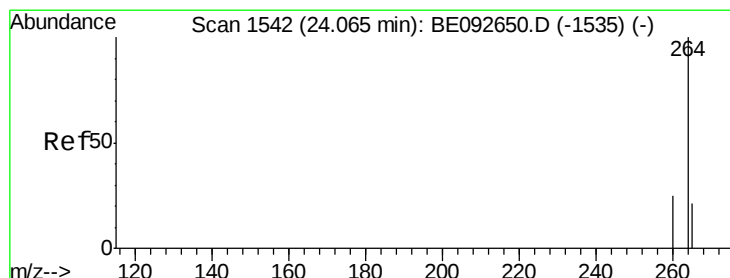
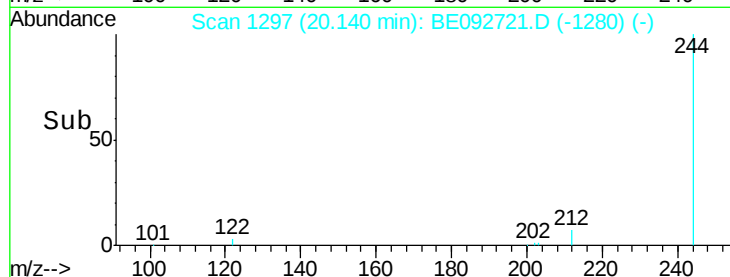
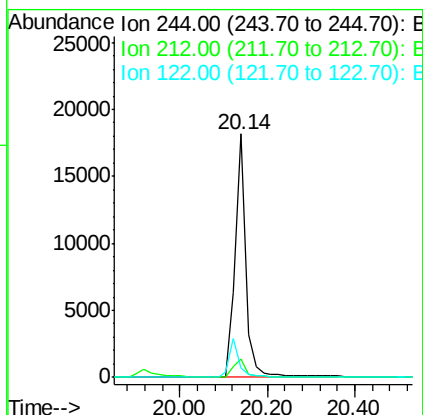
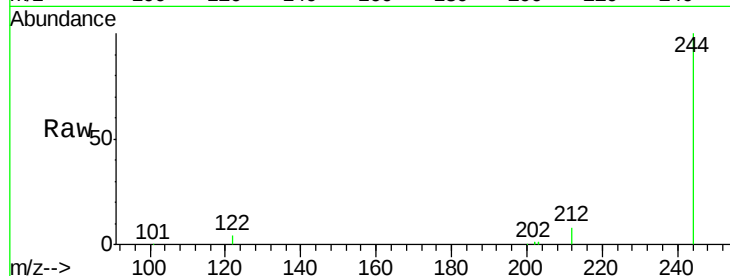




#26
 Terphenyl-d14
 Concen: 3.61 ng
 RT: 20.14 min Scan# 1297
 Delta R.T. -0.02 min
 Lab File: BE092721.D
 Acq: 10 Feb 2017 14:51

Instrument :
 BNA_E
 ClientSampleId :
 PB96821BL

Tgt Ion: 244 Resp: 30169
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.7 10.1
 122 3.8 3.6 5.4



#31
 Perylene-d12
 Concen: 5.00 ng
 RT: 24.04 min Scan# 1540
 Delta R.T. -0.02 min
 Lab File: BE092721.D
 Acq: 10 Feb 2017 14:51

Tgt Ion: 264 Resp: 54992
 Ion Ratio Lower Upper
 264 100
 260 26.5 20.1 30.1
 265 21.6 17.9 26.9

