

Data Path : Z:\HPCHEM1\BNA F\DATA\BF033117\
 Data File : BF094101.D
 Acq On : 31 Mar 2017 17:34
 Operator : SJ/MA
 Sample : I2463-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-R11-BASE

Quant Time: Mar 31 23:09:05 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 31 14:38:29 2017
 Response via : Initial Calibration

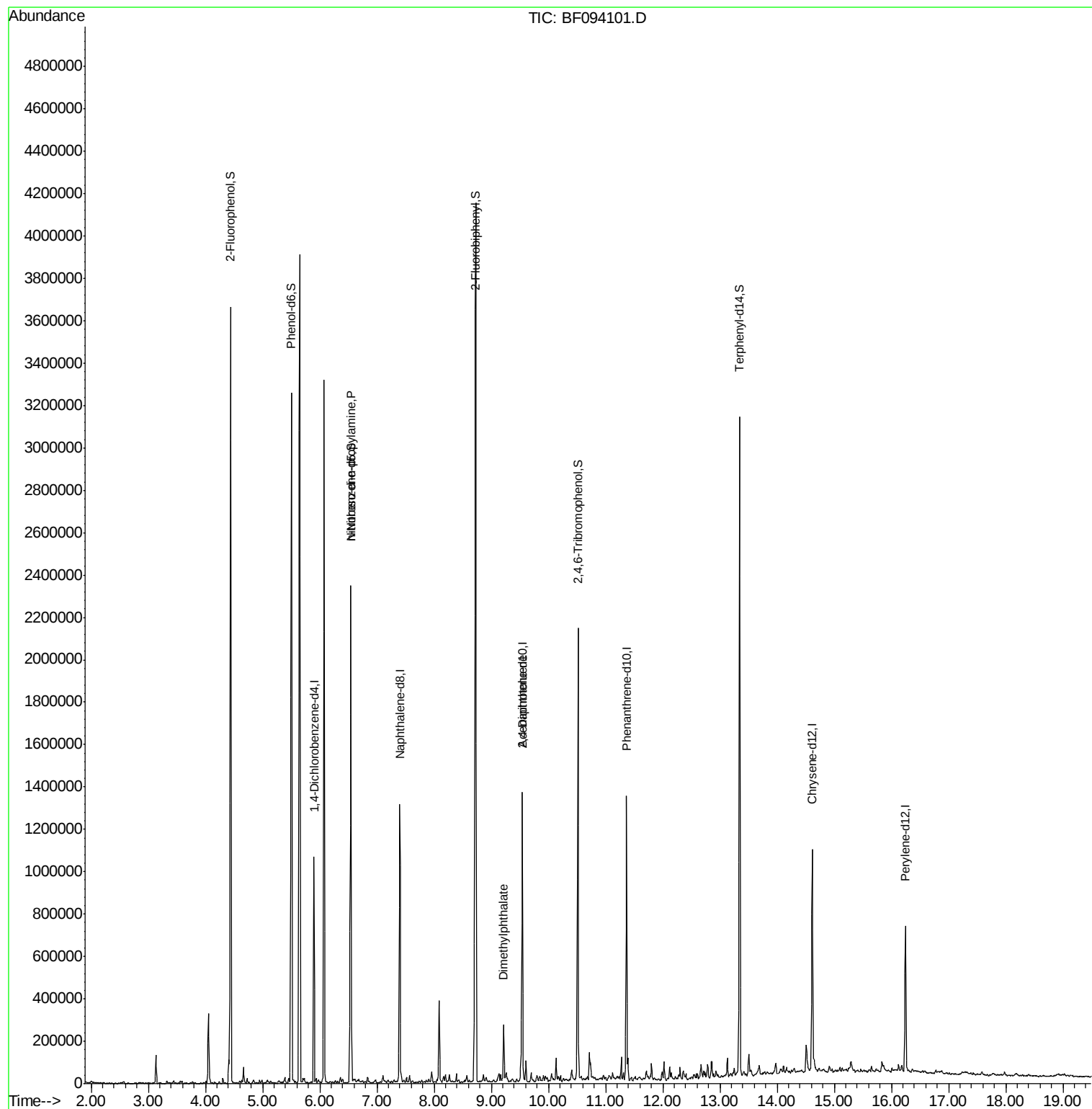
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.90	152	179549	20.00	ng	0.00
21) Naphthalene-d8	7.40	136	712417	20.00	ng	-0.01
38) Acenaphthene-d10	9.54	164	319197	20.00	ng	-0.01
63) Phenanthrene-d10	11.36	188	534439	20.00	ng	-0.01
75) Chrysene-d12	14.62	240	376196	20.00	ng	-0.01
86) Perylene-d12	16.24	264	271844	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.44	112	1198107	112.71	ng	0.00
7) Phenol-d6	5.50	99	1584029	120.45	ng	0.00
23) Nitrobenzene-d5	6.55	82	1070169	85.73	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	282109	111.84	ng	0.00
44) 2-Fluorobiphenyl	8.73	172	1679971	80.28	ng	0.00
78) Terphenyl-d14	13.34	244	1082398	64.49	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	6.55	70	138385	16.37	ng	# 81
49) Dimethylphthalate	9.22	163	121865	5.37	ng	99
56) 2,4-Dinitrotoluene	9.54	165	41765	6.39	ng	# 33

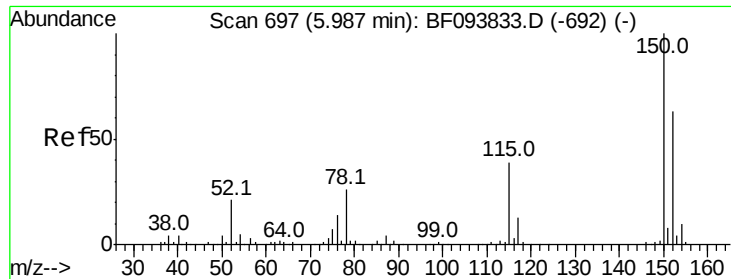
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.90 min Scan# 682

Delta R.T. -0.01 min

Lab File: BF094101.D

Acq: 31 Mar 2017 17:34

Instrument :

BNA_F

ClientSampleId :

E2-R11-BASE

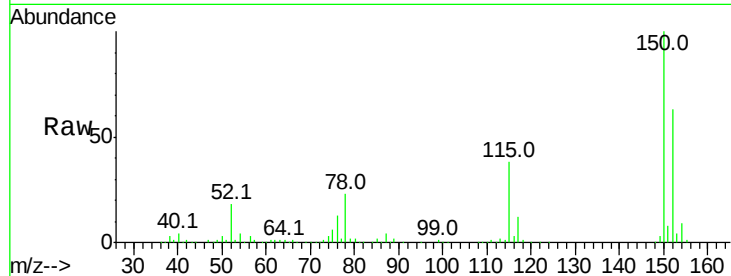
Tot Ion:152 Resp: 179549

Ion Ratio Lower Upper

152 100

150 157.8 126.2 189.2

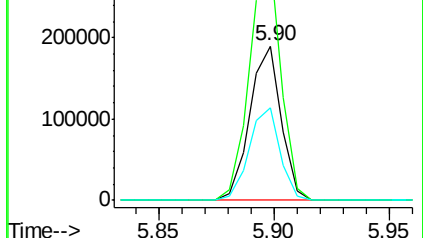
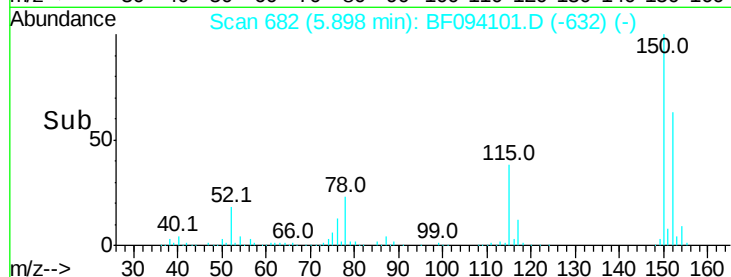
115 60.3 52.2 78.2



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



#5

2-Fluorophenol

Concen: 112.71 ng

RT: 4.44 min Scan# 434

Delta R.T. 0.01 min

Lab File: BF094101.D

Acq: 31 Mar 2017 17:34

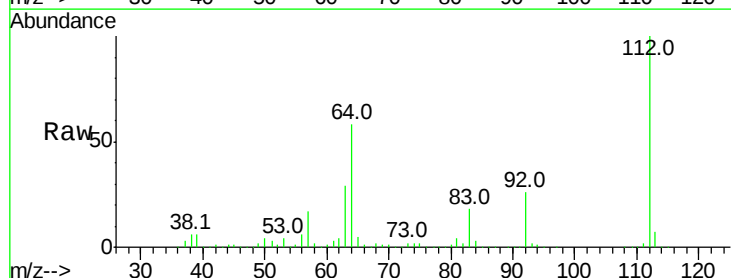
Tgt Ion:112 Resp: 1198107

Ion Ratio Lower Upper

112 100

64 58.2 46.0 69.0

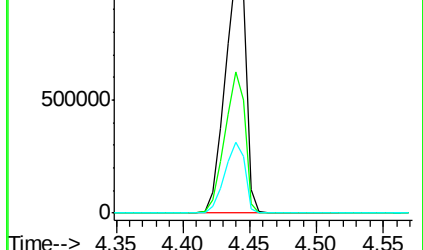
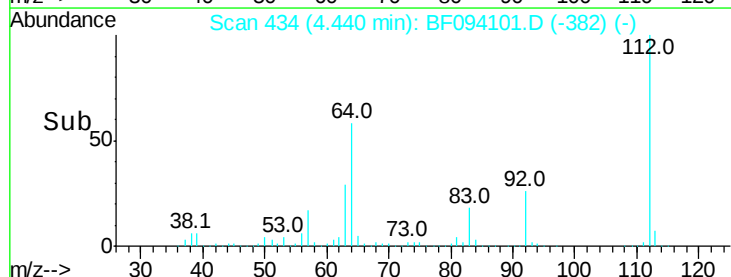
63 29.2 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 120.45 ng

RT: 5.50 min Scan# 615

Delta R.T. -0.01 min

Lab File: BF094101.D

Acq: 31 Mar 2017 17:34

Instrument :

BNA_F

ClientSampleId :

E2-R11-BASE

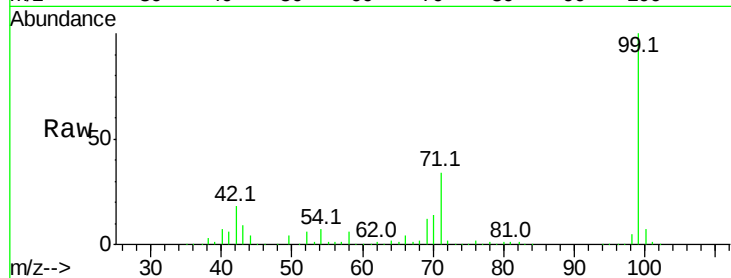
Tot Ion: 99 Resp: 1584029

Ion Ratio Lower Upper

99 100

42 17.7 13.5 20.3

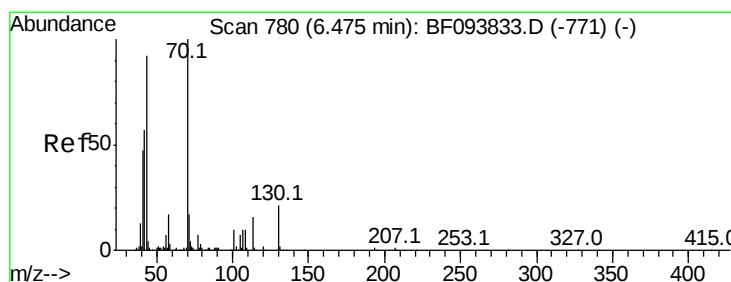
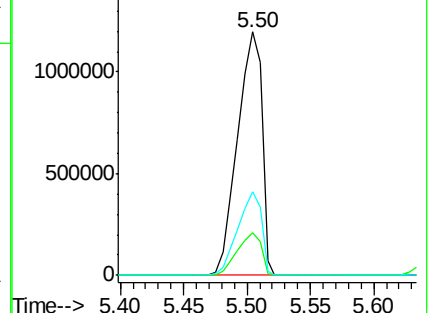
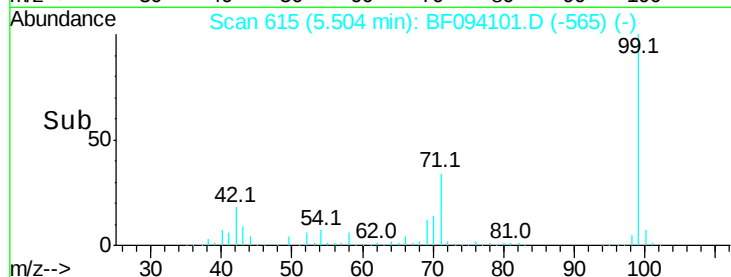
71 34.2 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#19

n-Nitroso-di-n-propylamine

Concen: 16.37 ng

RT: 6.55 min Scan# 792

Delta R.T. 0.15 min

Lab File: BF094101.D

Acq: 31 Mar 2017 17:34

Tgt Ion: 70 Resp: 138385

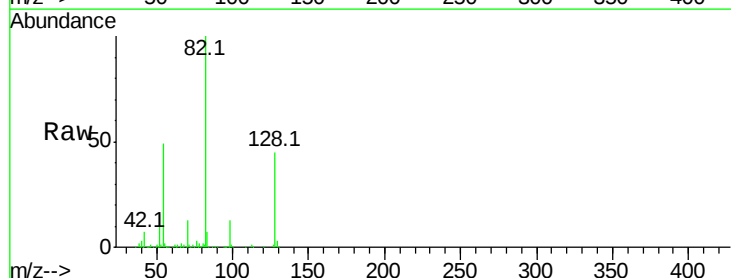
Ion Ratio Lower Upper

70 100

42 50.0 47.2 70.8

101 0.0 7.2 10.8#

130 2.5 15.9 23.9#

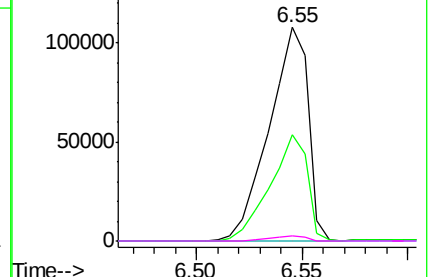
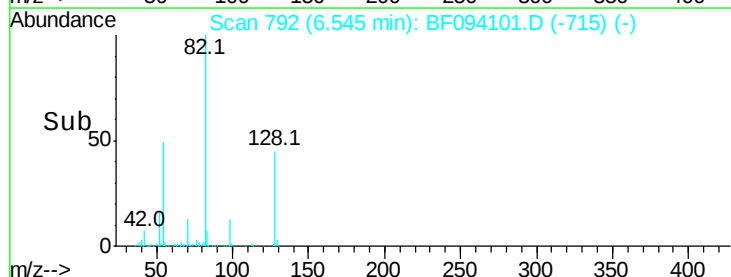


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.40 min Scan# 937

Delta R.T. -0.01 min

Lab File: BF094101.D

Acq: 31 Mar 2017 17:34

Instrument :

BNA_F

ClientSampleId :

E2-R11-BASE

Tot Ion:136 Resp: 712417

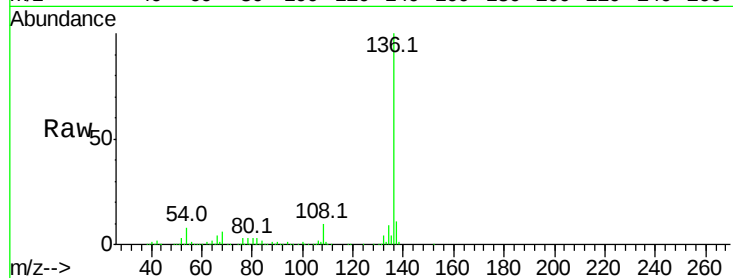
Ion Ratio Lower Upper

136 100

137 11.2 8.5 12.7

54 7.5 4.9 7.3#

68 5.9 4.1 6.1

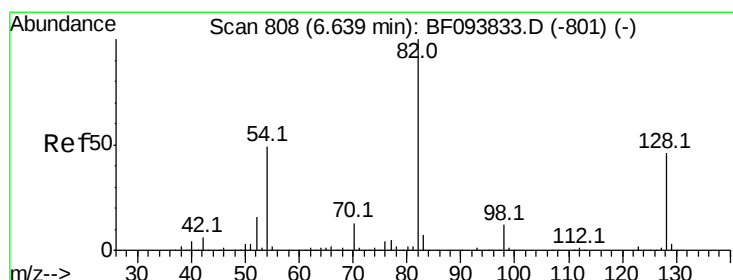
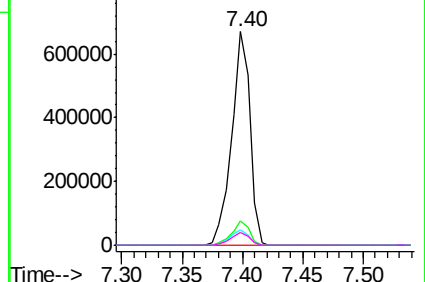
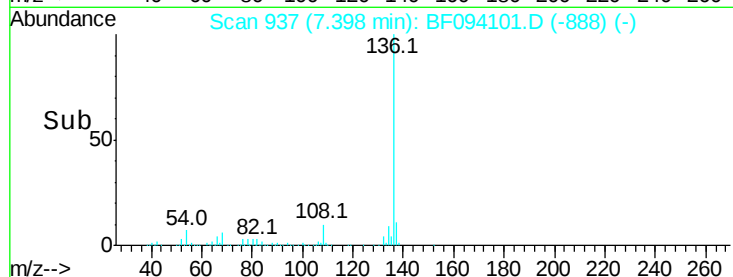


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#23

Nitrobenzene-d5

Concen: 85.73 ng

RT: 6.55 min Scan# 792

Delta R.T. -0.01 min

Lab File: BF094101.D

Acq: 31 Mar 2017 17:34

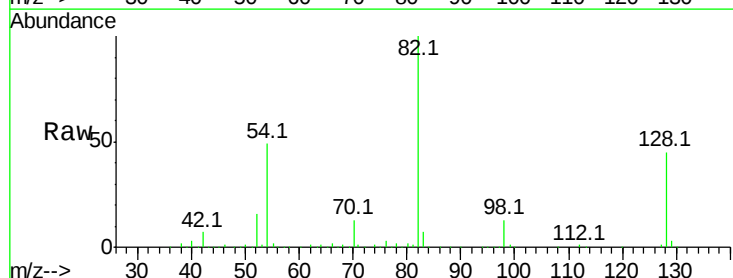
Tgt Ion: 82 Resp: 1070169

Ion Ratio Lower Upper

82 100

128 45.4 34.0 51.0

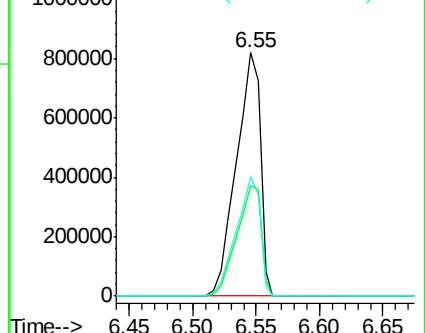
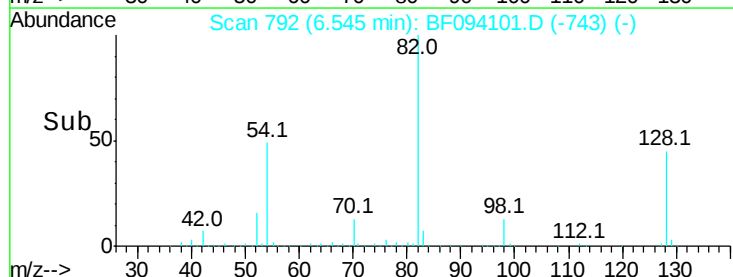
54 49.3 42.2 63.2

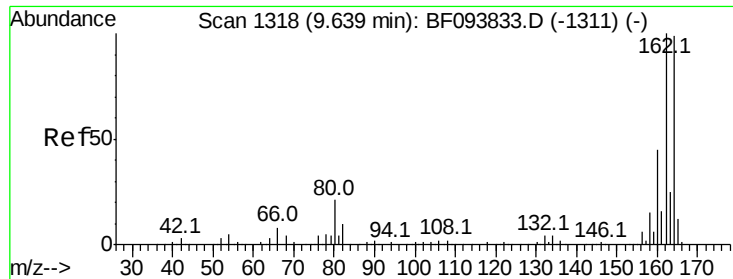


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

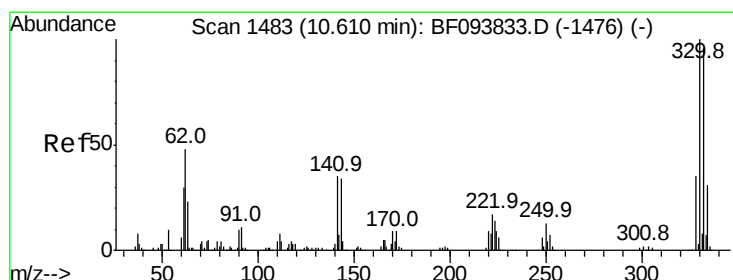
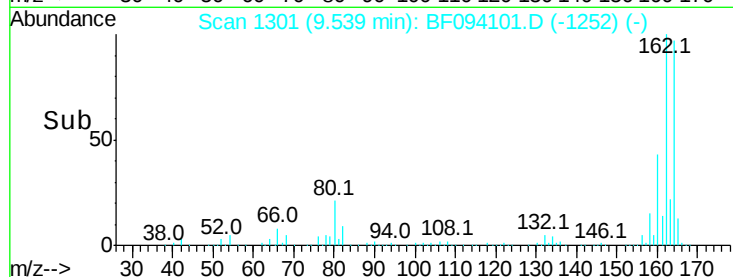
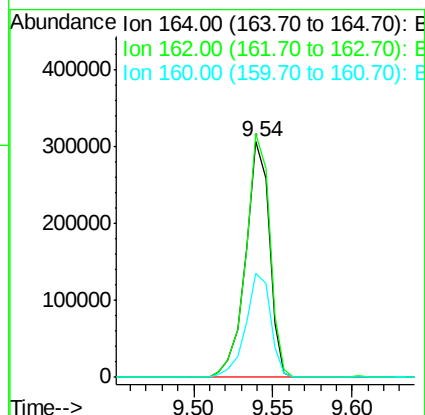
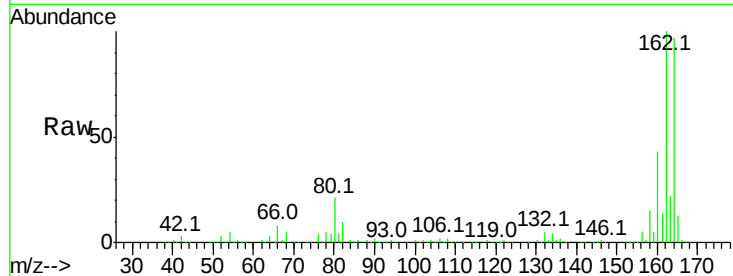




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.54 min Scan# 1301
 Delta R.T. -0.01 min
 Lab File: BF094101.D
 Acq: 31 Mar 2017 17:34

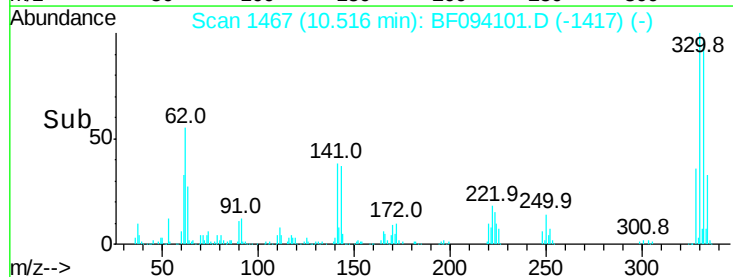
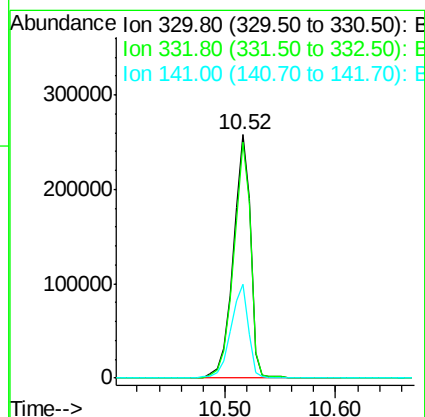
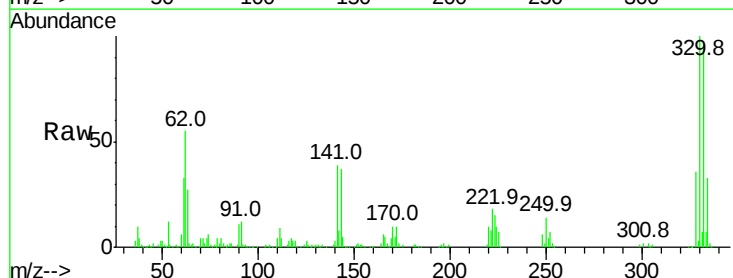
Instrument :
 BNA_F
 ClientSampleId :
 E2-R11-BASE

Tot Ion:164 Resp: 319197
 Ion Ratio Lower Upper
 164 100
 162 103.4 82.6 123.8
 160 44.3 36.2 54.2



#41
 2,4,6-Tribromophenol
 Concen: 111.84 ng
 RT: 10.52 min Scan# 1467
 Delta R.T. -0.01 min
 Lab File: BF094101.D
 Acq: 31 Mar 2017 17:34

Tgt Ion:330 Resp: 282109
 Ion Ratio Lower Upper
 330 100
 332 96.1 76.6 115.0
 141 39.2 31.4 47.2



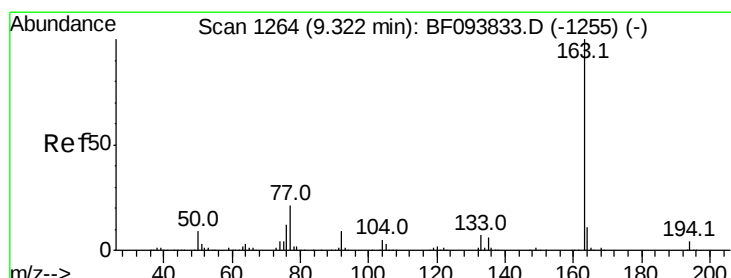
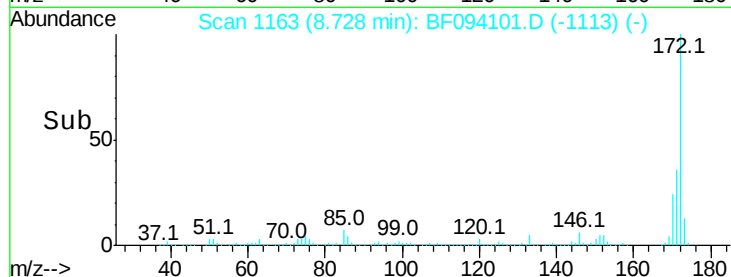
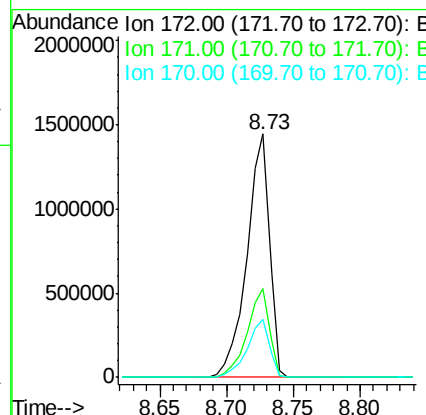
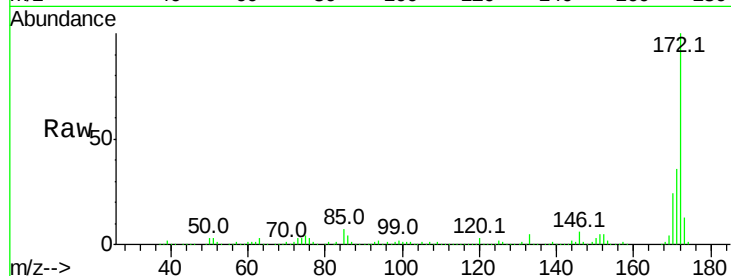


#44
 2-Fluorobiphenyl
 Concen: 80.28 ng
 RT: 8.73 min Scan# 1163
 Delta R.T. -0.01 min
 Lab File: BF094101.D
 Acq: 31 Mar 2017 17:34

Instrument :
 BNA_F
 ClientSampleId :
 E2-R11-BASE

Tot Ion:172 Resp: 1679971

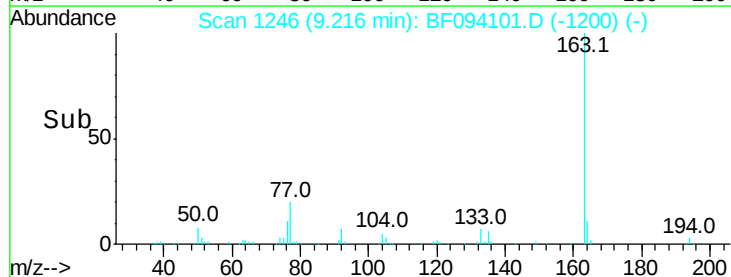
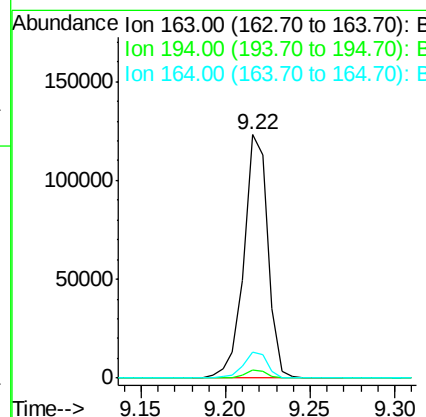
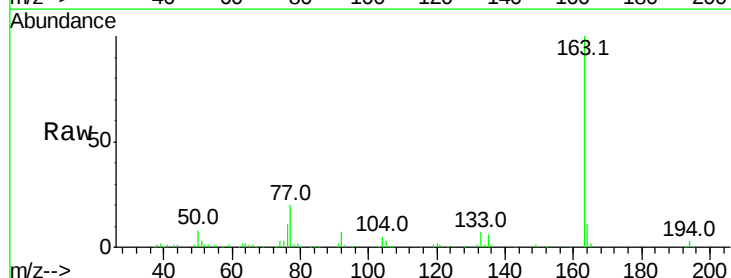
Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.6	44.4
170	24.0	19.8	29.8



#49
 Dimethylphthalate
 Concen: 5.37 ng
 RT: 9.22 min Scan# 1246
 Delta R.T. -0.03 min
 Lab File: BF094101.D
 Acq: 31 Mar 2017 17:34

Tgt Ion:163 Resp: 121865

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.6	4.0
164	10.7	8.4	12.6

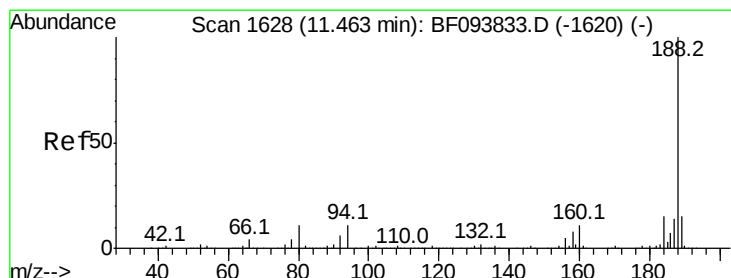
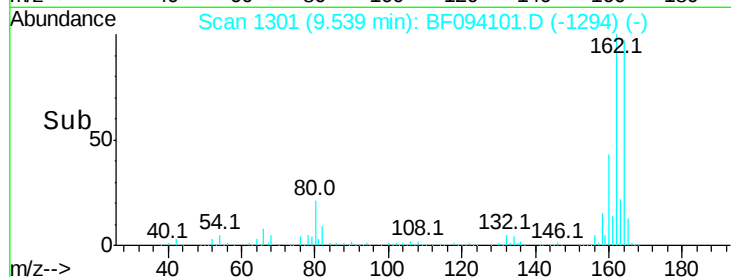
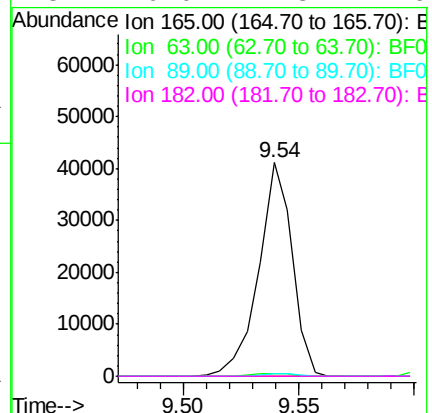
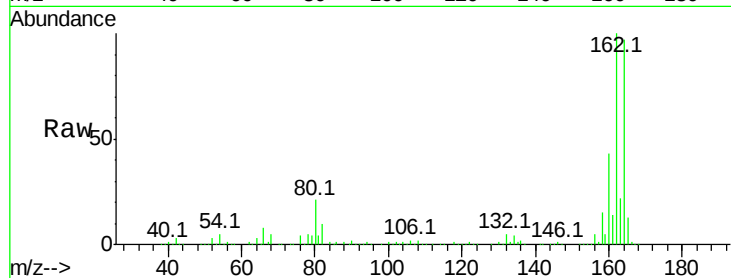




#56
 2,4-Dinitrotoluene
 Concen: 6.39 ng
 RT: 9.54 min Scan# 1301
 Delta R.T. -0.26 min
 Lab File: BF094101.D
 Acq: 31 Mar 2017 17:34

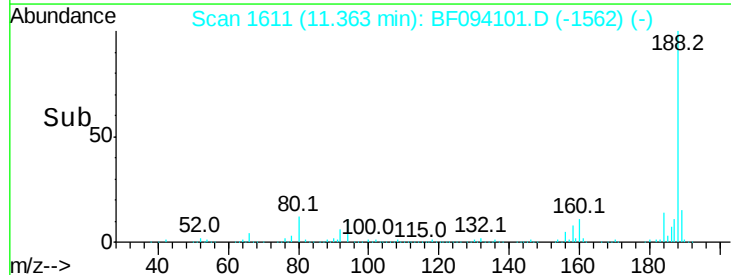
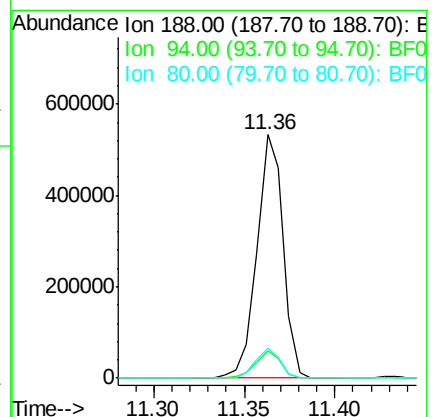
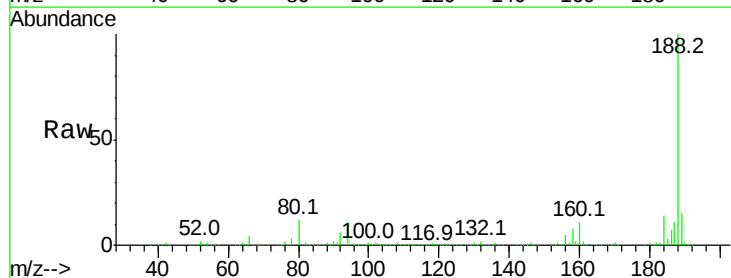
Instrument :
 BNA_F
 ClientSampleId :
 E2-R11-BASE

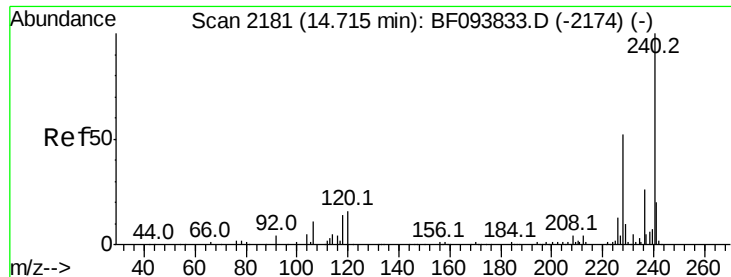
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.3	25.4	38.0#
89	1.5	46.4	69.6#
182	0.0	1.8	2.6#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.36 min Scan# 1611
 Delta R.T. -0.01 min
 Lab File: BF094101.D
 Acq: 31 Mar 2017 17:34

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.0	9.4	14.2
80	12.2	10.2	15.2





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.62 min Scan# 2164

Delta R.T. -0.01 min

Lab File: BF094101.D

Acq: 31 Mar 2017 17:34

Instrument :

BNA_F

ClientSampleId :

E2-R11-BASE

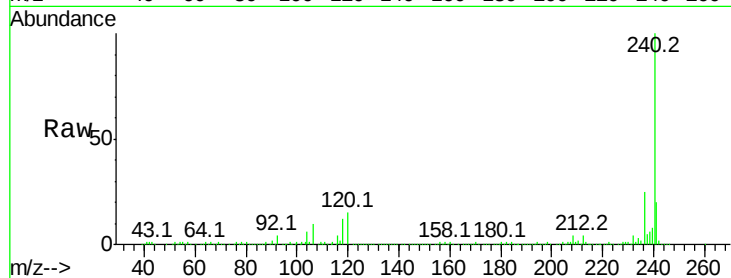
Tot Ion:240 Resp: 376196

Ion Ratio Lower Upper

240 100

120 14.9 5.8 8.8#

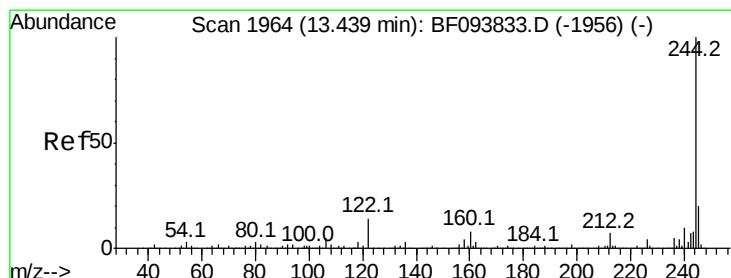
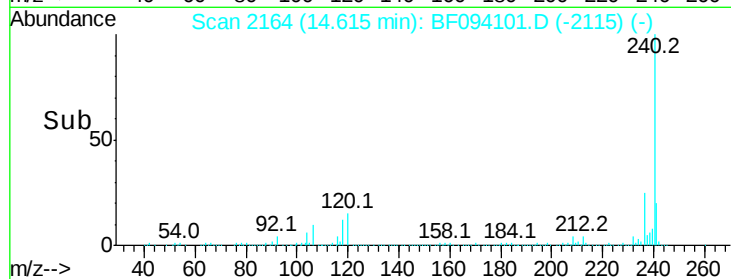
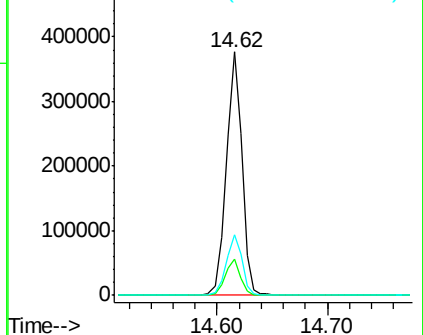
236 24.9 20.5 30.7



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



#78

Terphenyl-d14

Concen: 64.49 ng

RT: 13.34 min Scan# 1948

Delta R.T. -0.01 min

Lab File: BF094101.D

Acq: 31 Mar 2017 17:34

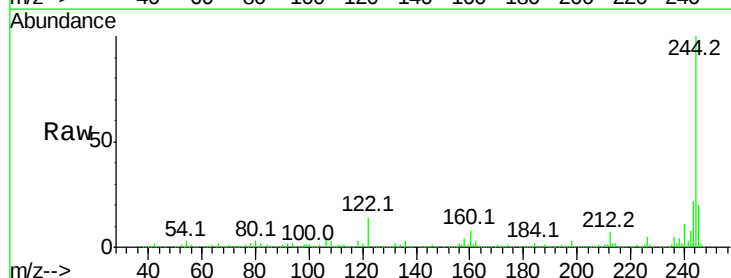
Tgt Ion:244 Resp: 1082398

Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

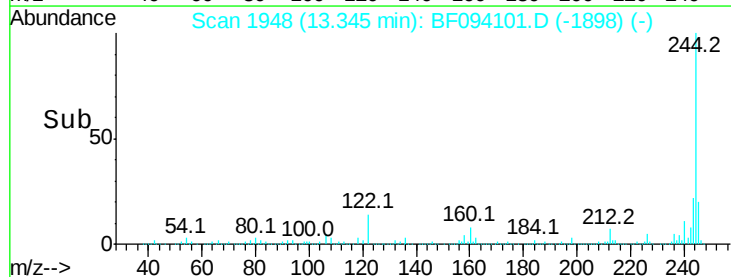
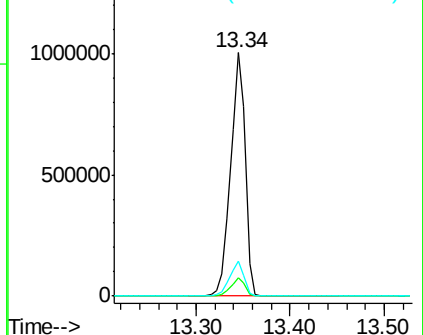
122 14.4 10.3 15.5

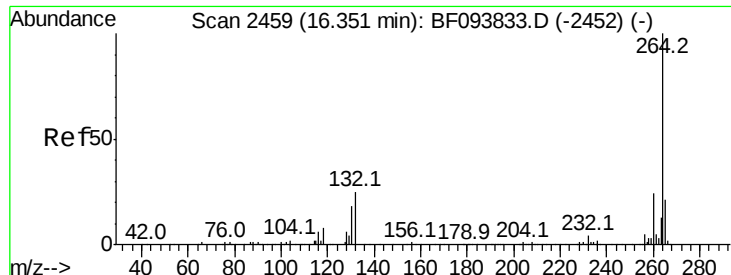


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 16.24 min Scan# 2441
Delta R.T. -0.01 min
Lab File: BF094101.D
Acq: 31 Mar 2017 17:34

Instrument :
BNA_F
ClientSampleId :
E2-R11-BASE

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.5	29.3
265	22.3	17.2	25.8

