

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050617\
 Data File : BF094967.D
 Acq On : 8 May 2017 4:06
 Operator : SJ/MA
 Sample : I2947-10
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 08 07:57:49 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 03 17:24:51 2017
 Response via : Initial Calibration

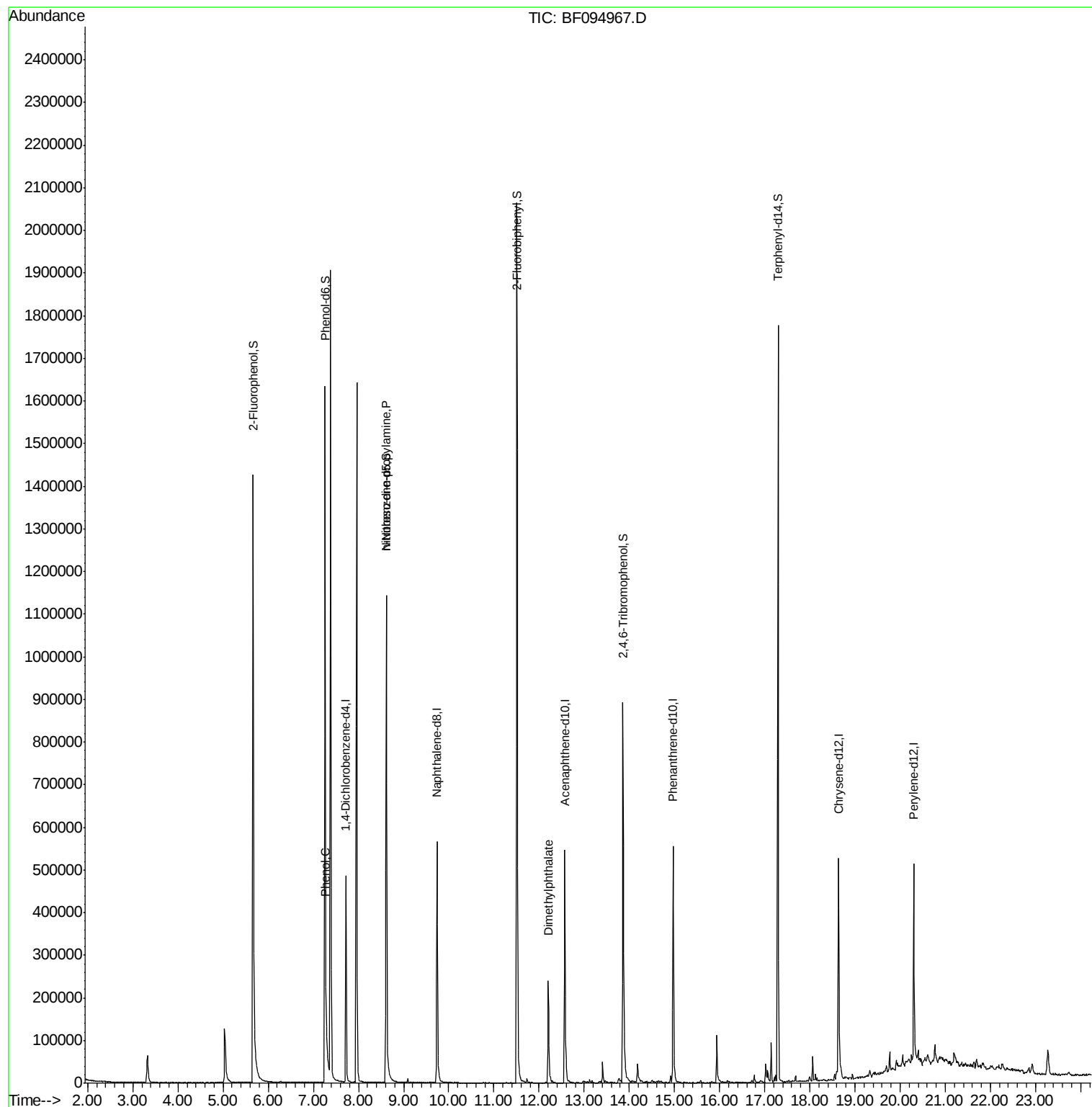
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	106062	20.00	ng	-0.01
21) Naphthalene-d8	9.74	136	421368	20.00	ng	-0.01
38) Acenaphthene-d10	12.57	164	174123	20.00	ng	-0.01
63) Phenanthrene-d10	14.97	188	307736	20.00	ng	-0.01
75) Chrysene-d12	18.64	240	229924	20.00	ng	-0.02
86) Perylene-d12	20.30	264	208691	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	689097	108.32	ng	-0.01
7) Phenol-d6	7.26	99	899445	117.84	ng	-0.02
23) Nitrobenzene-d5	8.62	82	535189	80.09	ng	-0.02
41) 2,4,6-Tribromophenol	13.87	330	174480	122.36	ng	-0.02
44) 2-Fluorobiphenyl	11.51	172	922982	76.30	ng	-0.02
78) Terphenyl-d14	17.29	244	675949	64.75	ng	-0.02
Target Compounds						
10) Phenol	7.28	94	19309	2.40	ng	# 78
19) n-Nitroso-di-n-propylamine	8.62	70	66669	12.91	ng	# 77
49) Dimethylphthalate	12.21	163	170674	11.94	ng	98

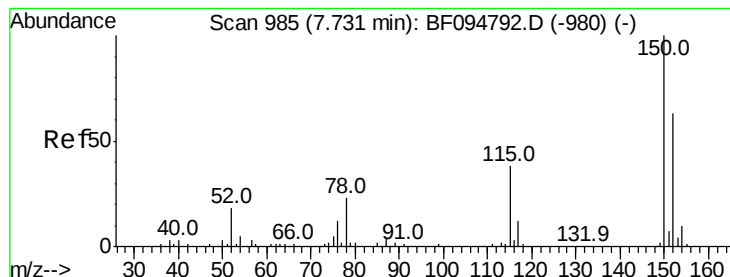
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.72 min Scan# 983

Delta R.T. -0.01 min

Lab File: BF094967.D

Acq: 8 May 2017 4:06

Instrument :

BNA_F

ClientSampleId :

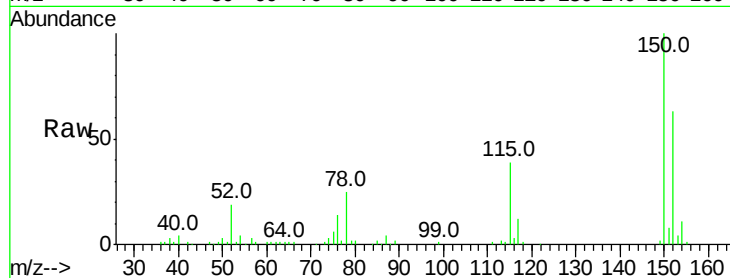
Tot Ion:152 Resp: 106062

Ion Ratio Lower Upper

152 100

150 157.8 126.2 189.2

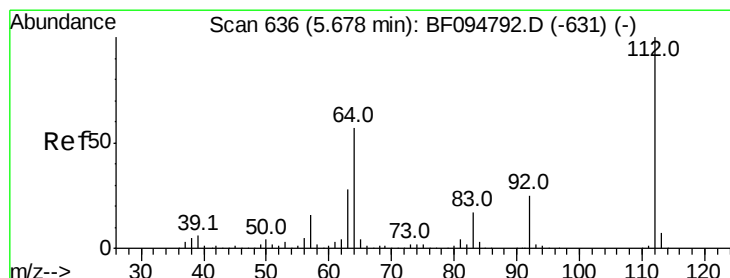
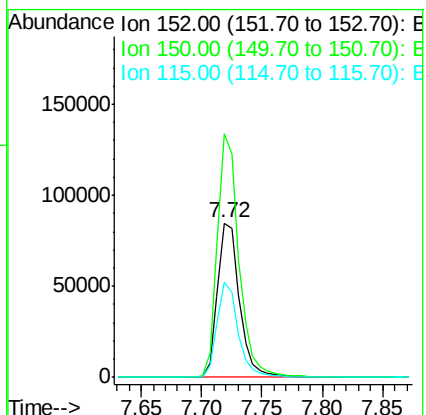
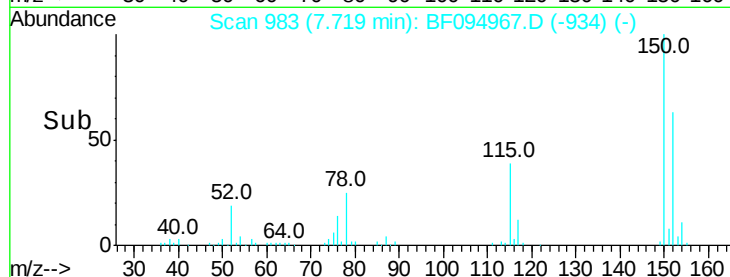
115 62.0 52.2 78.2



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: 108.32 ng

RT: 5.67 min Scan# 634

Delta R.T. -0.01 min

Lab File: BF094967.D

Acq: 8 May 2017 4:06

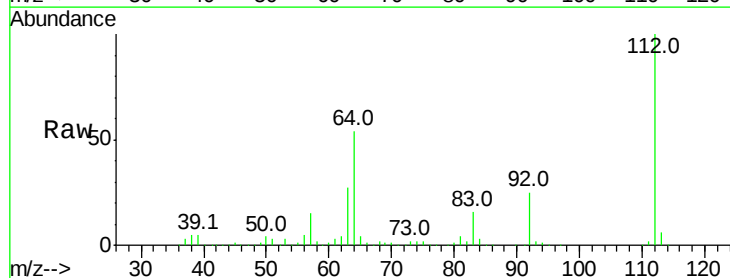
Tgt Ion:112 Resp: 689097

Ion Ratio Lower Upper

112 100

64 53.7 46.0 69.0

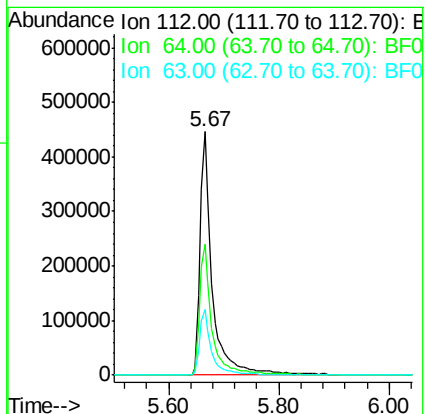
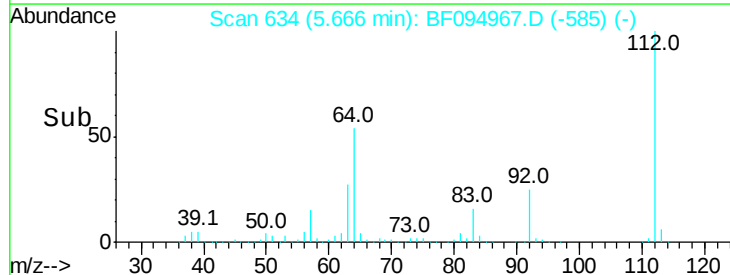
63 27.0 23.4 35.0



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: 117.84 ng

RT: 7.26 min Scan# 905

Delta R.T. -0.02 min

Lab File: BF094967.D

Acq: 8 May 2017 4:06

Instrument :

BNA_F

ClientSampled :

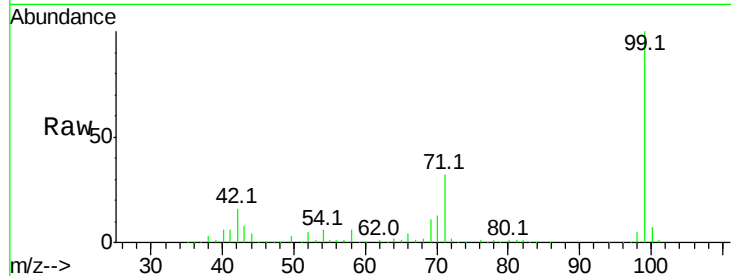
Tot Ion: 99 Resp: 899445

Ion Ratio Lower Upper

99 100

42 16.5 13.5 20.3

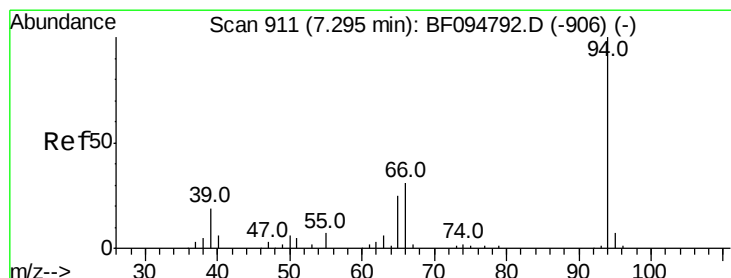
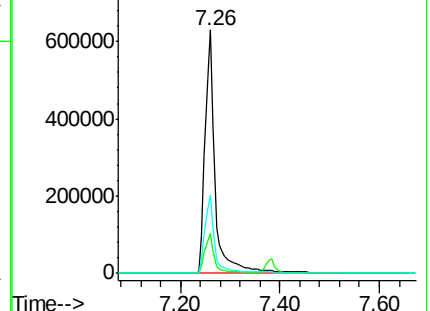
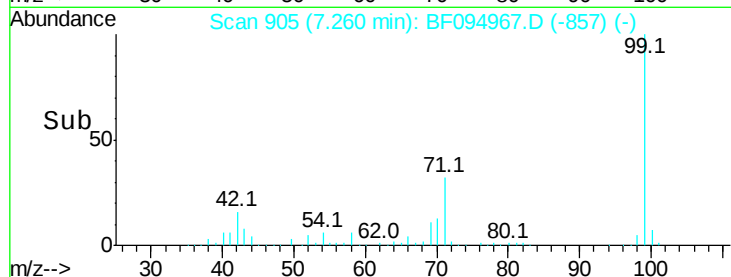
71 32.1 24.5 36.7



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



#10

Phenol

Concen: 2.40 ng

RT: 7.28 min Scan# 908

Delta R.T. -0.02 min

Lab File: BF094967.D

Acq: 8 May 2017 4:06

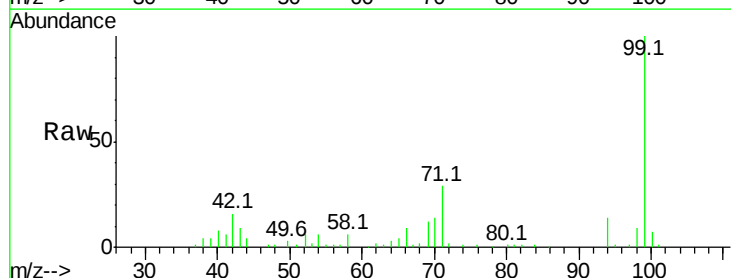
Tgt Ion: 94 Resp: 19309

Ion Ratio Lower Upper

94 100

65 31.2 9.9 49.9

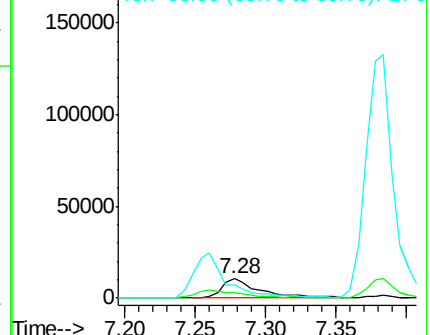
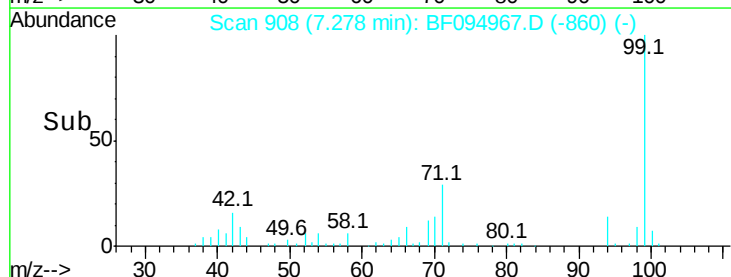
66 65.4 23.1 63.1#



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#19

n-Nitroso-di-n-propylamine

Concen: 12.91 ng

RT: 8.62 min Scan# 1136

Delta R.T. 0.18 min

Lab File: BF094967.D

Acq: 8 May 2017 4:06

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 66669

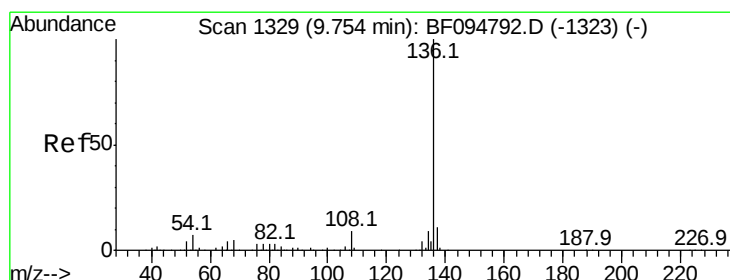
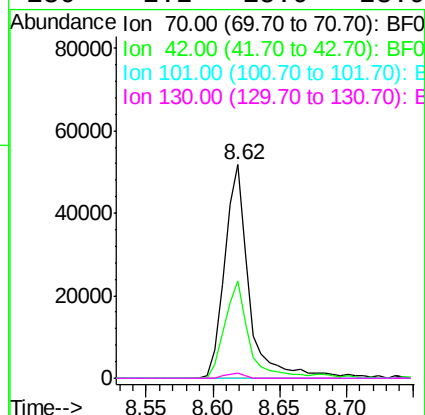
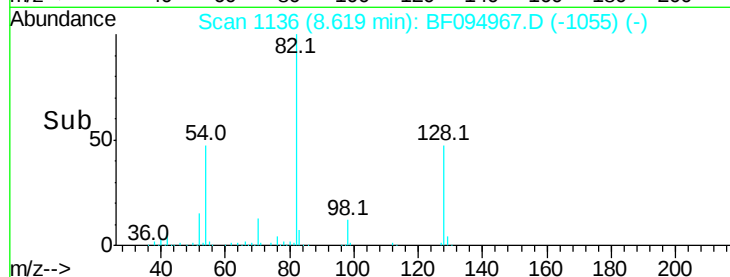
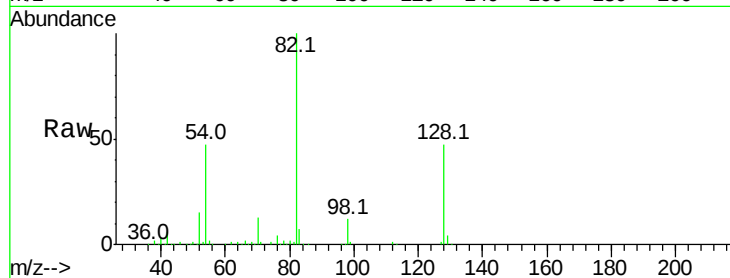
Ion Ratio Lower Upper

70 100

42 45.4 47.2 70.8#

101 0.0 7.2 10.8#

130 2.2 15.9 23.9#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.74 min Scan# 1327

Delta R.T. -0.01 min

Lab File: BF094967.D

Acq: 8 May 2017 4:06

Tgt Ion: 136 Resp: 421368

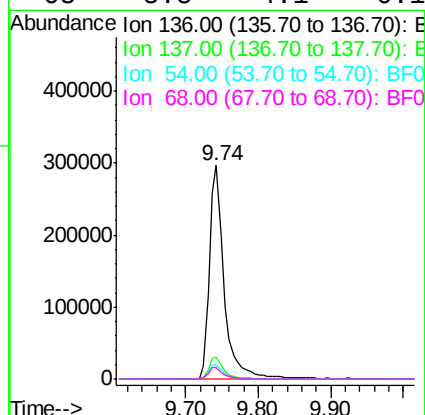
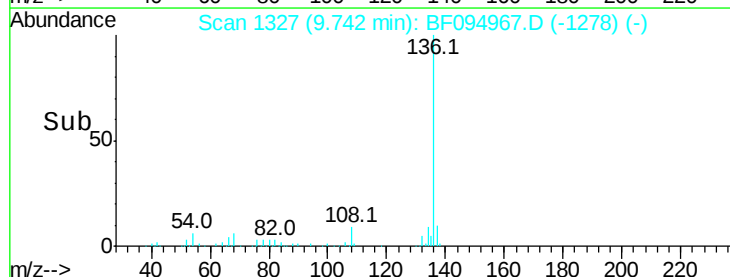
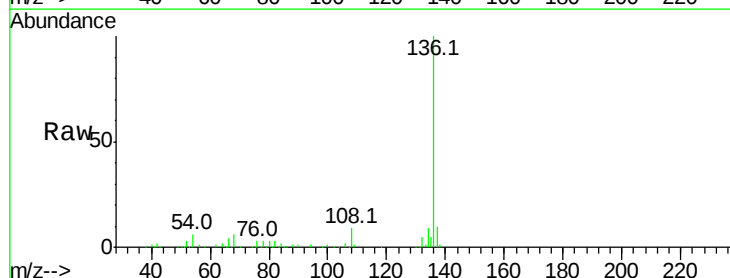
Ion Ratio Lower Upper

136 100

137 10.4 8.5 12.7

54 6.3 4.9 7.3

68 5.5 4.1 6.1

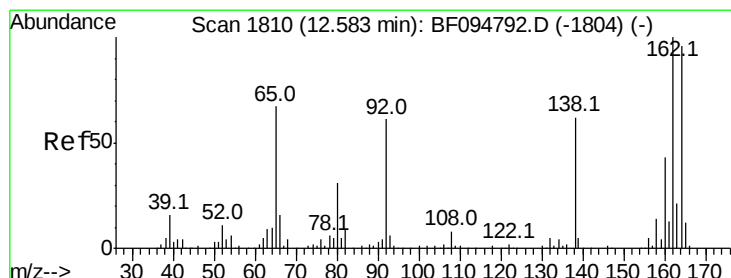
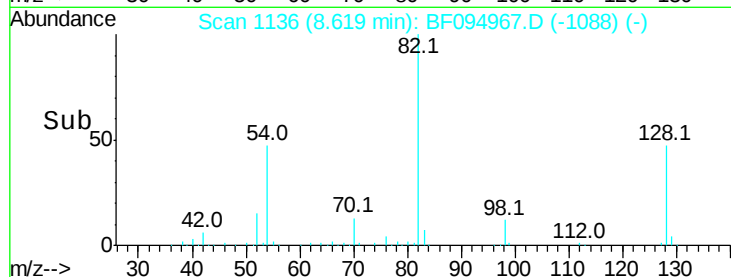
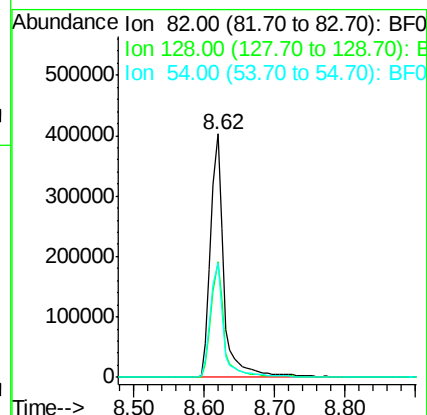
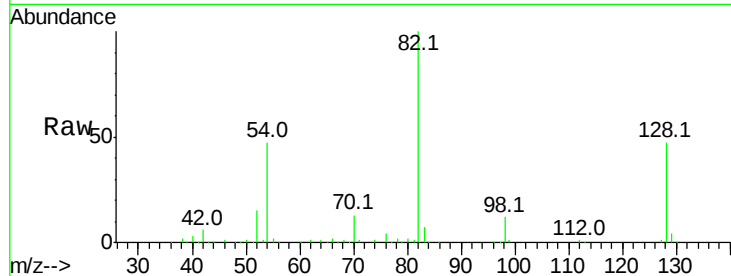




#23
 Nitrobenzene-d5
 Concen: 80.09 ng
 RT: 8.62 min Scan# 1136
 Delta R.T. -0.02 min
 Lab File: BF094967.D
 Acq: 8 May 2017 4:06

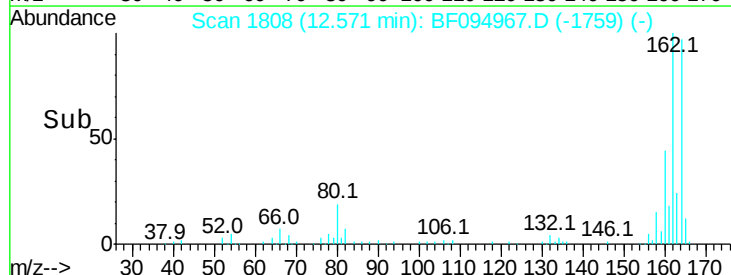
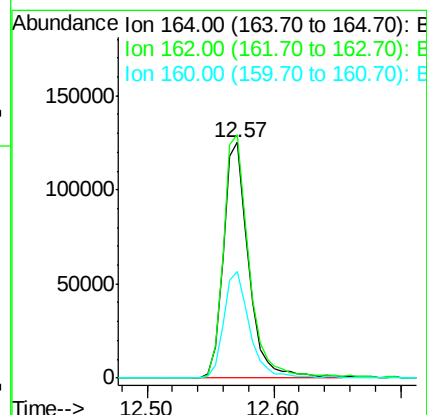
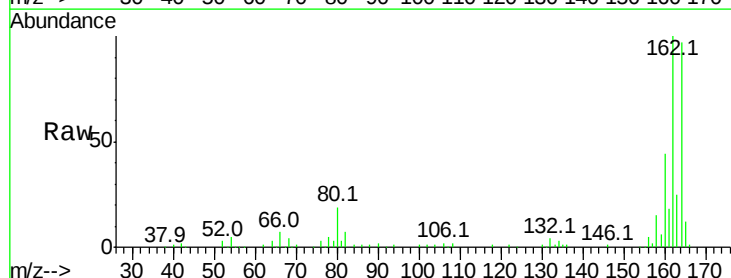
Instrument :
 BNA_F
 ClientSampled :

Tot Ion: 82 Resp: 535189
 Ion Ratio Lower Upper
 82 100
 128 47.3 34.0 51.0
 54 46.9 42.2 63.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.57 min Scan# 1808
 Delta R.T. -0.01 min
 Lab File: BF094967.D
 Acq: 8 May 2017 4:06

Tgt Ion: 164 Resp: 174123
 Ion Ratio Lower Upper
 164 100
 162 103.2 82.6 123.8
 160 45.0 36.2 54.2

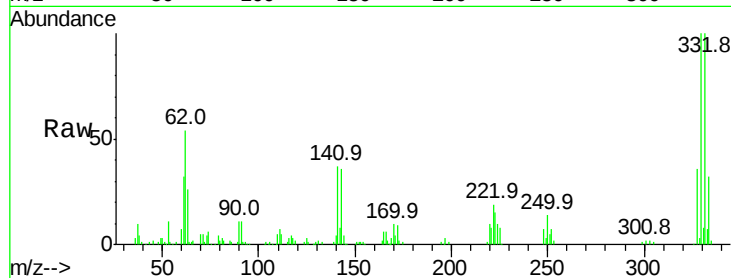




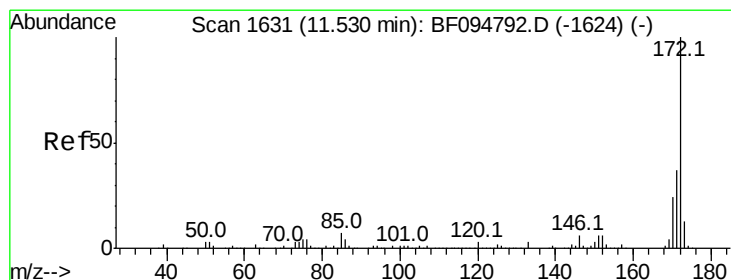
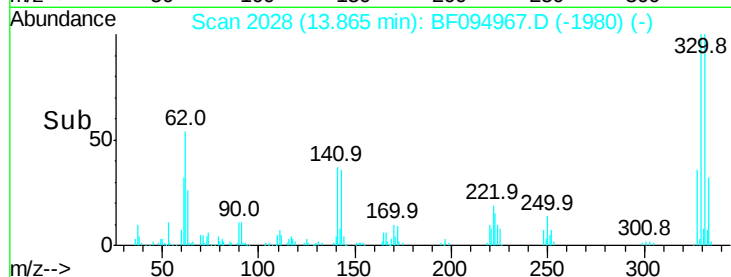
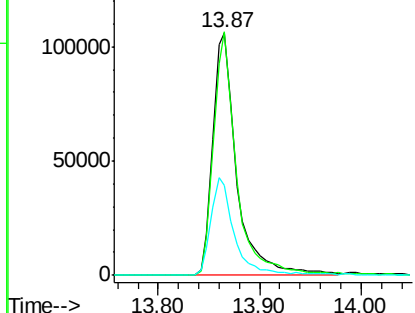
#41
 2,4,6-Tribromophenol
 Concen: 122.36 ng
 RT: 13.87 min Scan# 2028
 Delta R.T. -0.02 min
 Lab File: BF094967.D
 Acq: 8 May 2017 4:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.5	76.6	115.0
141	39.9	31.4	47.2

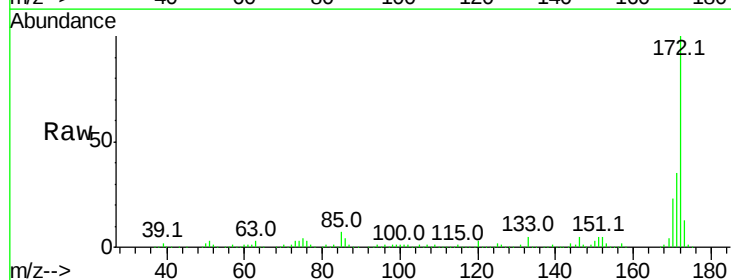


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

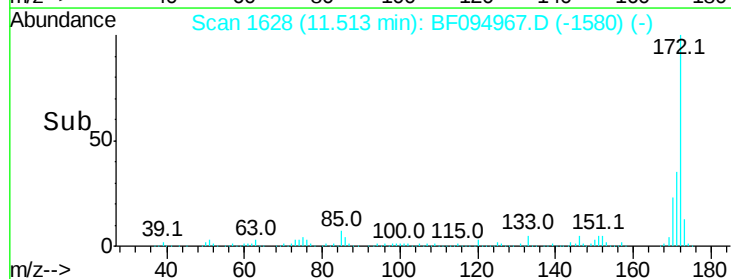
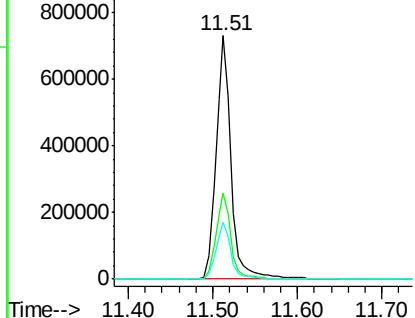


#44
 2-Fluorobiphenyl
 Concen: 76.30 ng
 RT: 11.51 min Scan# 1628
 Delta R.T. -0.02 min
 Lab File: BF094967.D
 Acq: 8 May 2017 4:06

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.1	29.6	44.4
170	23.4	19.8	29.8



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





#49

Dimethylphthalate

Concen: 11.94 ng

RT: 12.21 min Scan# 1746

Delta R.T. -0.02 min

Lab File: BF094967.D

Acq: 8 May 2017 4:06

Instrument :

BNA_F

ClientSampleId :

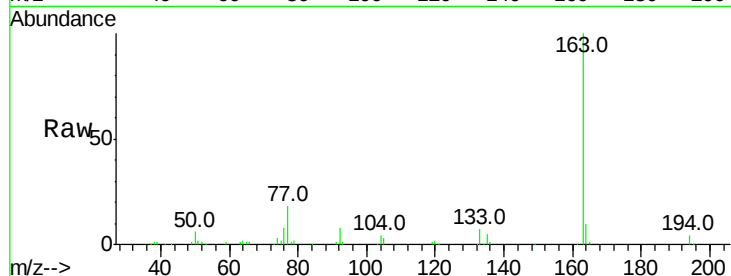
Tot Ion:163 Resp: 170674

Ion Ratio Lower Upper

163 100

194 3.6 2.6 4.0

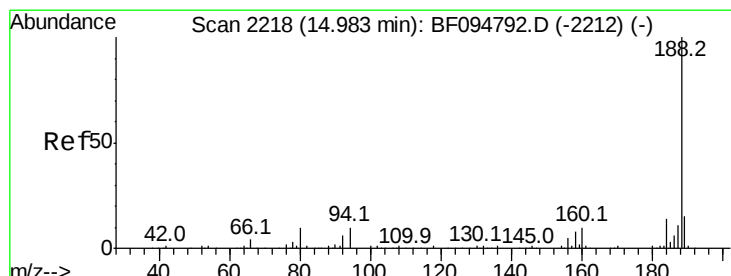
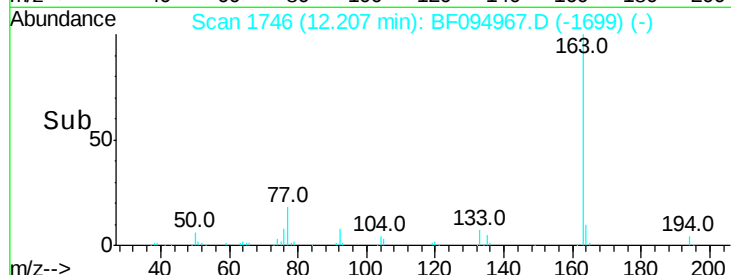
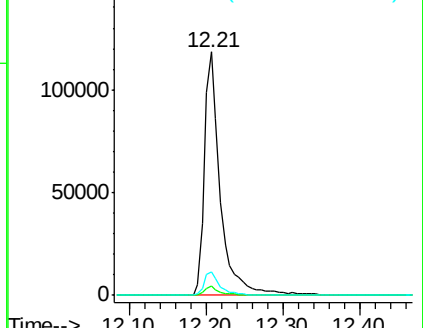
164 9.8 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 14.97 min Scan# 2216

Delta R.T. -0.01 min

Lab File: BF094967.D

Acq: 8 May 2017 4:06

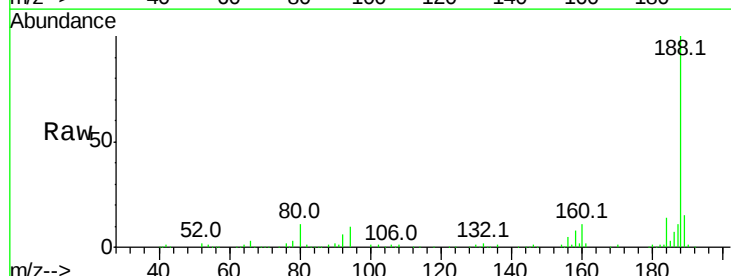
Tgt Ion:188 Resp: 307736

Ion Ratio Lower Upper

188 100

94 9.7 9.4 14.2

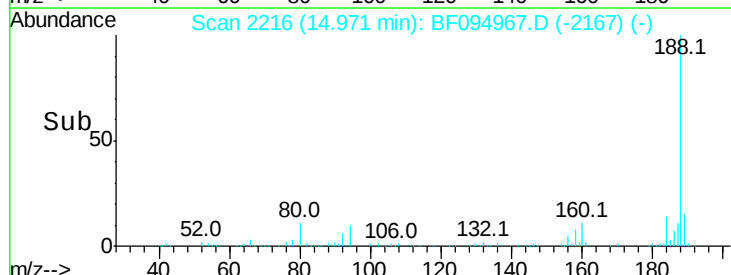
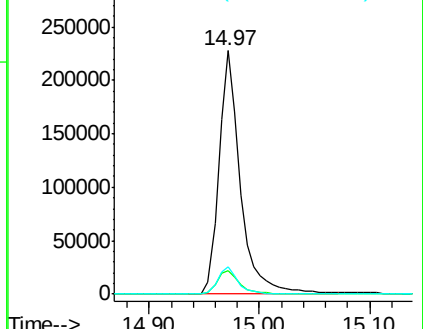
80 11.0 10.2 15.2



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.64 min Scan# 2839

Delta R.T. -0.02 min

Lab File: BF094967.D

Acq: 8 May 2017 4:06

Instrument :

BNA_F

ClientSampleId :

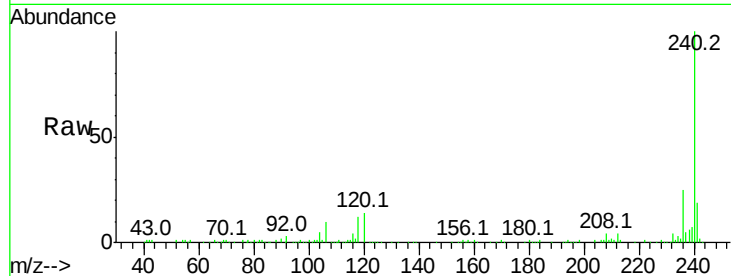
Tot Ion:240 Resp: 229924

Ion Ratio Lower Upper

240 100

120 13.8 5.8 8.8#

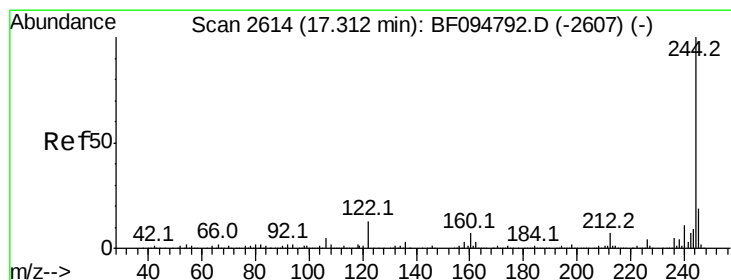
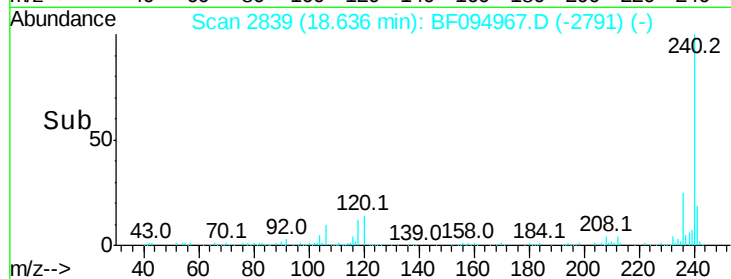
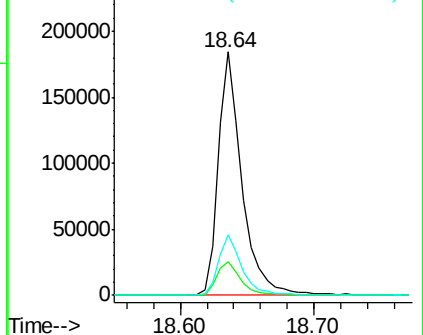
236 24.9 20.5 30.7



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: 64.75 ng

RT: 17.29 min Scan# 2611

Delta R.T. -0.02 min

Lab File: BF094967.D

Acq: 8 May 2017 4:06

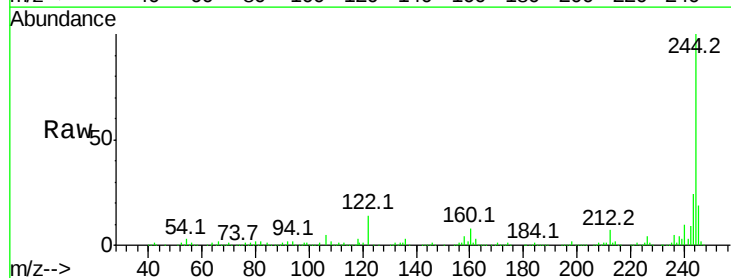
Tgt Ion:244 Resp: 675949

Ion Ratio Lower Upper

244 100

212 6.8 6.0 9.0

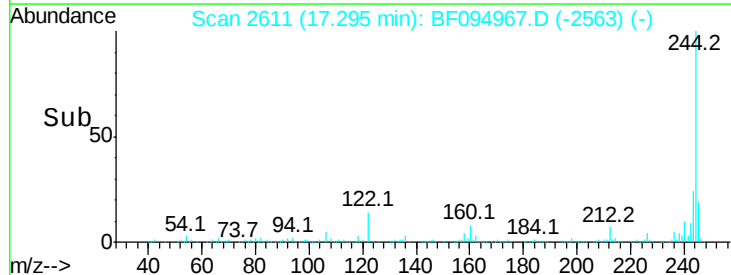
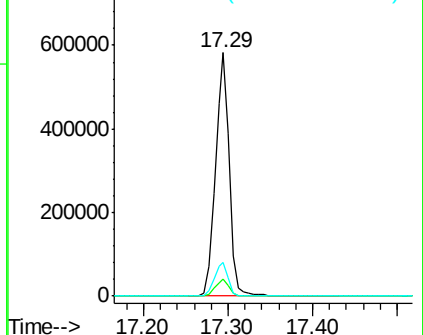
122 13.7 10.3 15.5

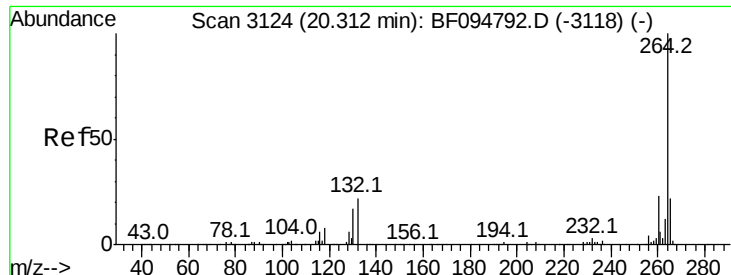


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

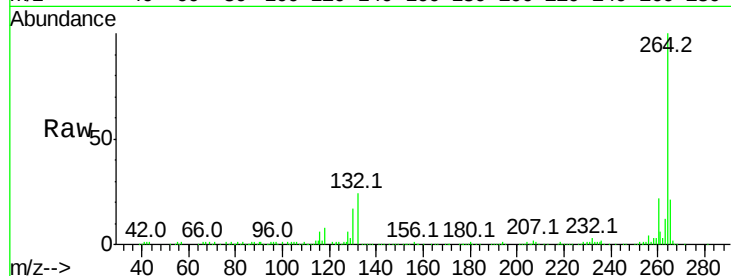




#86
Pervlene-d12
Concen: 20.00 ng
RT: 20.30 min Scan# 3122
Delta R.T. -0.01 min
Lab File: BF094967.D
Acq: 8 May 2017 4:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.2	19.5	29.3
265	20.6	17.2	25.8



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

