

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052217\
 Data File : BF095319.D
 Acq On : 22 May 2017 17:54
 Operator : SJ/MA
 Sample : I3264-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 23 01:16:48 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 18 17:07:53 2017
 Response via : Initial Calibration

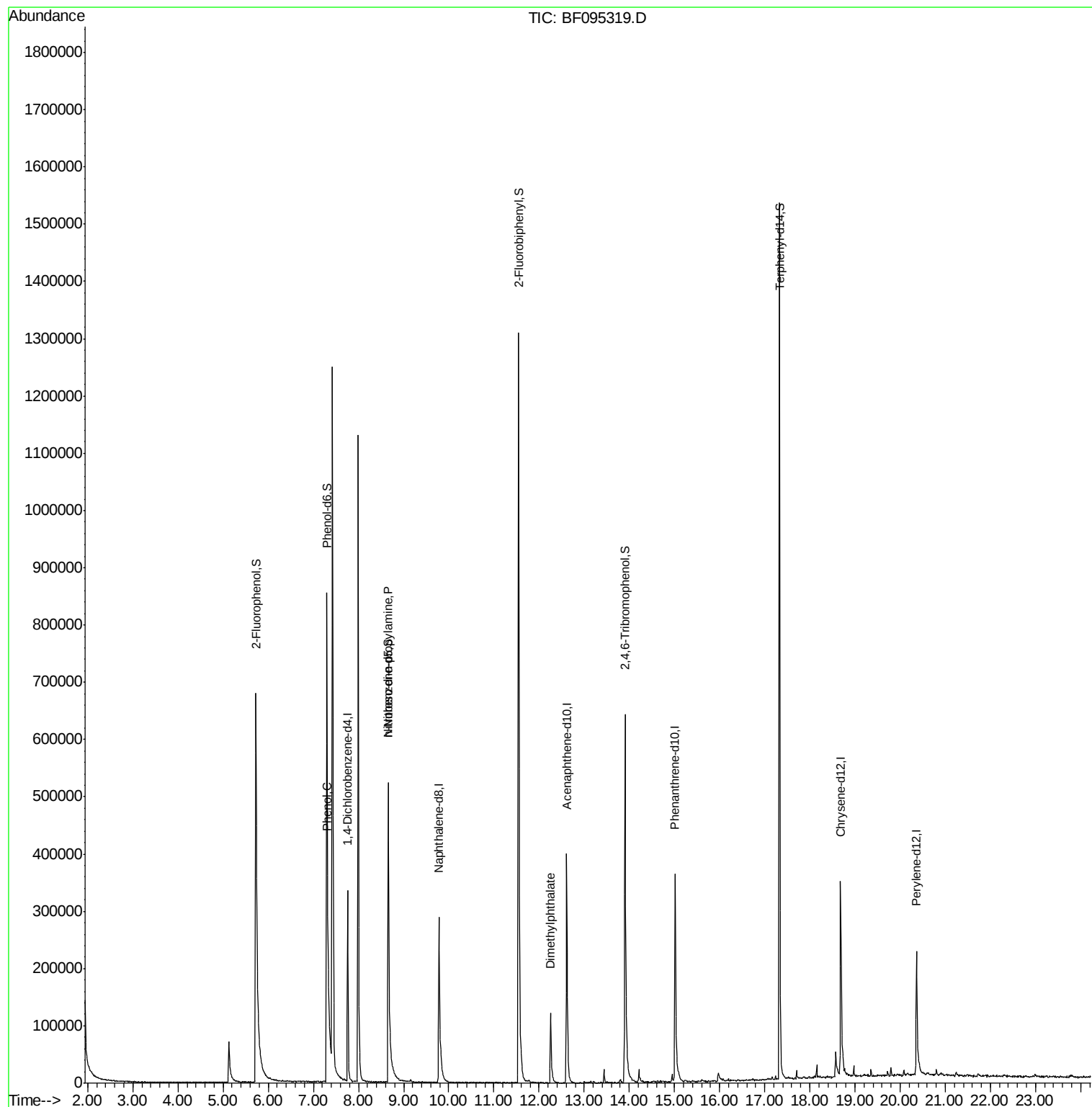
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	77526	20.00	ng	0.00
21) Naphthalene-d8	9.78	136	329739	20.00	ng	0.00
38) Acenaphthene-d10	12.61	164	151487	20.00	ng	0.00
63) Phenanthrene-d10	15.01	188	291536	20.00	ng	-0.01
75) Chrysene-d12	18.68	240	230294	20.00	ng	-0.01
86) Perylene-d12	20.36	264	157864	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	560933	120.63	ng	-0.01
7) Phenol-d6	7.30	99	724792	129.91	ng	-0.02
23) Nitrobenzene-d5	8.66	82	402677	77.01	ng	-0.01
41) 2,4,6-Tribromophenol	13.91	330	152982	123.31	ng	-0.01
44) 2-Fluorobiphenyl	11.55	172	795578	75.59	ng	-0.01
78) Terphenyl-d14	17.33	244	666870	63.78	ng	-0.02
Target Compounds						
10) Phenol	7.32	94	12934	2.20	ng	# 2
19) n-Nitroso-di-n-propylamine	8.66	70	45531	12.07	ng	# 75
49) Dimethylphthalate	12.25	163	114082	9.17	ng	97

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.76 min Scan# 990

Delta R.T. -0.01 min

Lab File: BF095319.D

Acq: 22 May 2017 17:54

Instrument :

BNA_F

ClientSampleId :

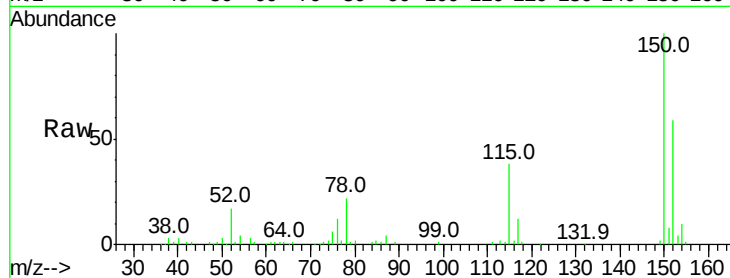
Tot Ion:152 Resp: 77526

Ion Ratio Lower Upper

152 100

150 168.9 126.2 189.2

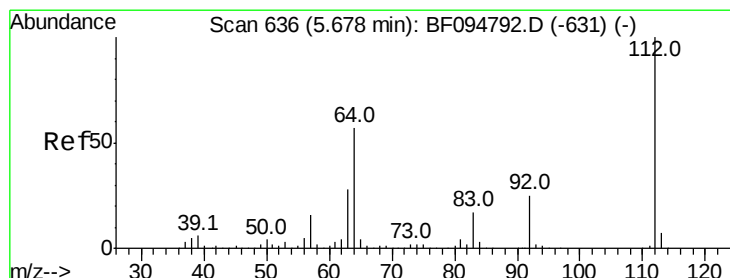
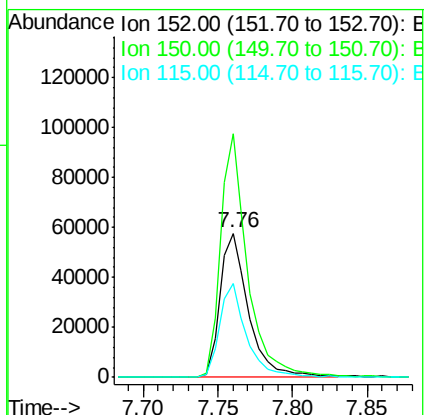
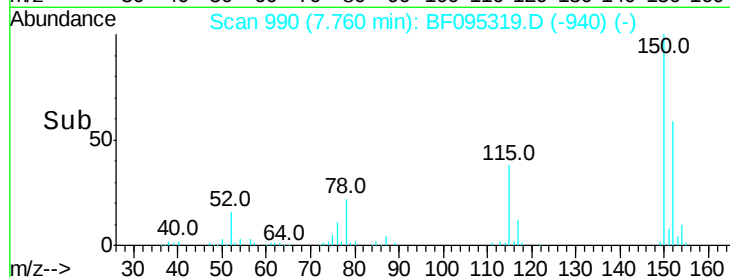
115 64.7 52.2 78.2



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: 120.63 ng

RT: 5.72 min Scan# 644

Delta R.T. -0.01 min

Lab File: BF095319.D

Acq: 22 May 2017 17:54

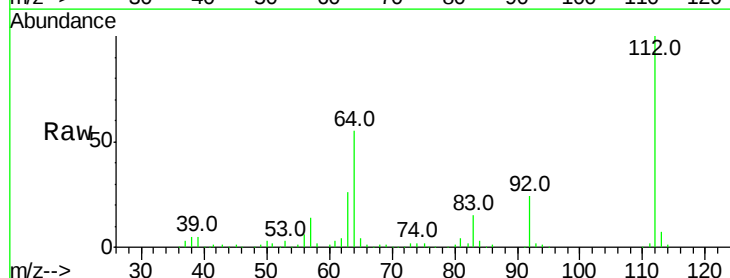
Tgt Ion:112 Resp: 560933

Ion Ratio Lower Upper

112 100

64 54.7 46.0 69.0

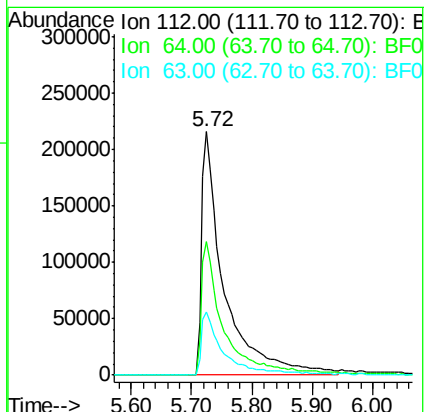
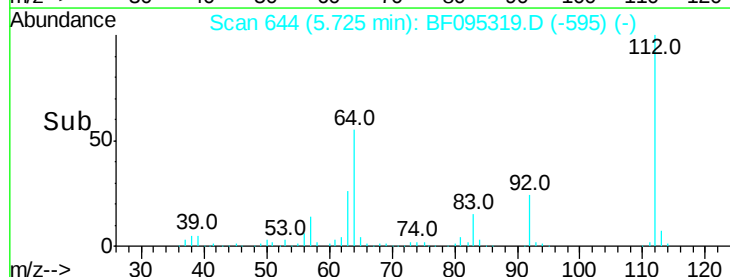
63 25.8 23.4 35.0



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: 129.91 ng

RT: 7.30 min Scan# 911

Delta R.T. -0.02 min

Lab File: BF095319.D

Acq: 22 May 2017 17:54

Instrument :

BNA_F

ClientSampled :

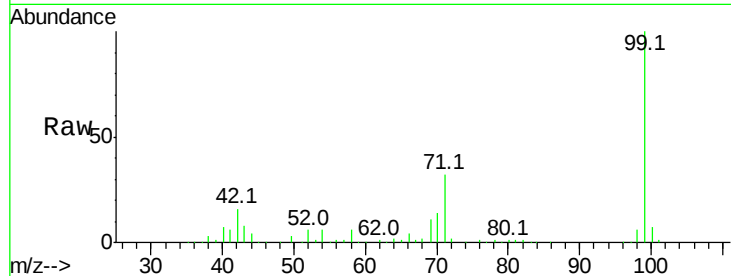
Tot Ion: 99 Resp: 724792

Ion Ratio Lower Upper

99 100

42 16.3 13.5 20.3

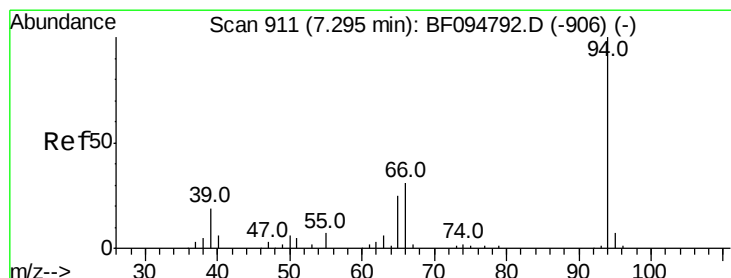
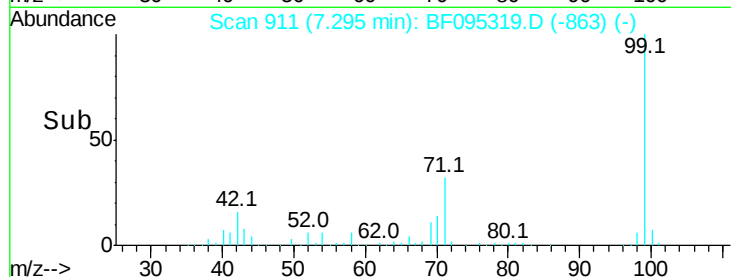
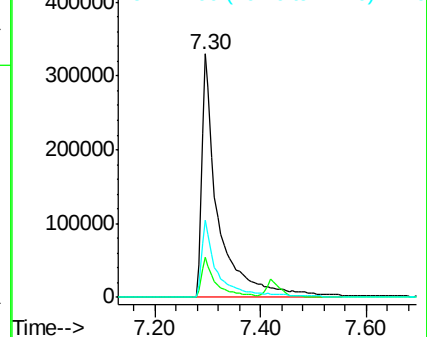
71 31.5 24.5 36.7



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: 2.20 ng

RT: 7.32 min Scan# 915

Delta R.T. -0.01 min

Lab File: BF095319.D

Acq: 22 May 2017 17:54

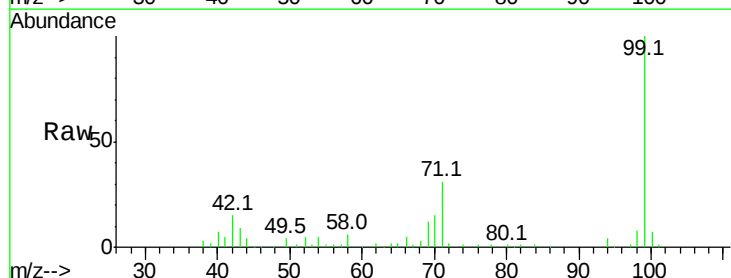
Tgt Ion: 94 Resp: 12934

Ion Ratio Lower Upper

94 100

65 45.0 9.9 49.9

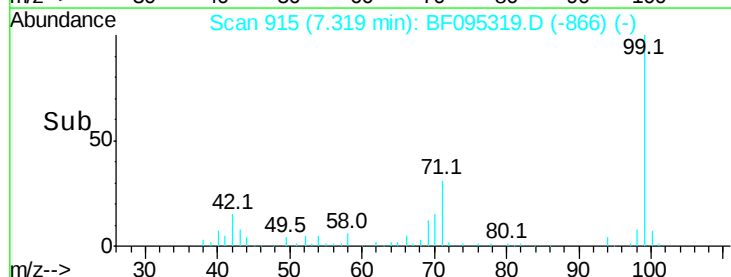
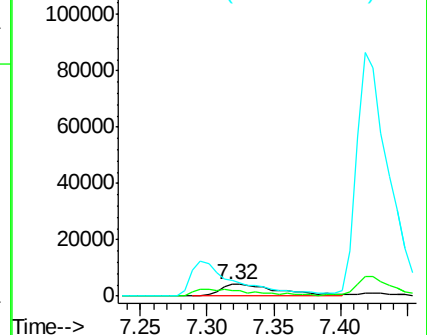
66 136.8 23.1 63.1#

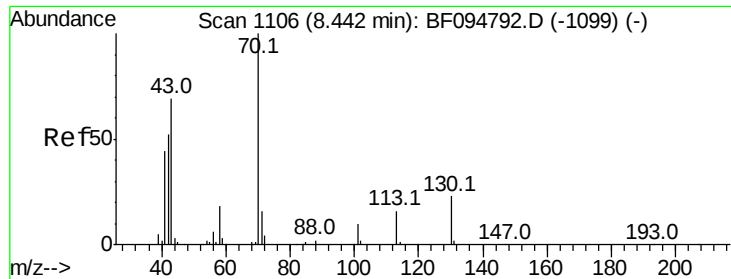


Abundance Ion 94.00 (93.70 to 94.70): BF0

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: 12.07 ng

RT: 8.66 min Scan# 1143

Delta R.T. 0.18 min

Lab File: BF095319.D

Acq: 22 May 2017 17:54

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 45531

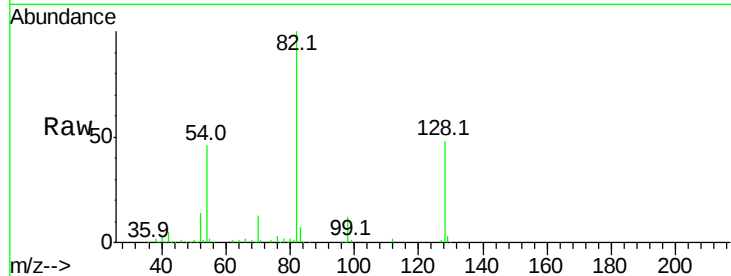
Ion Ratio Lower Upper

70 100

42 43.3 47.2 70.8#

101 0.0 7.2 10.8#

130 2.2 15.9 23.9#

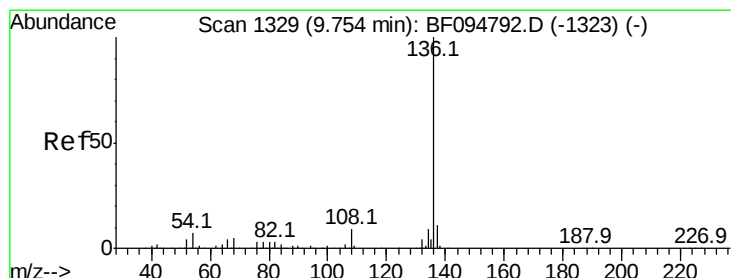
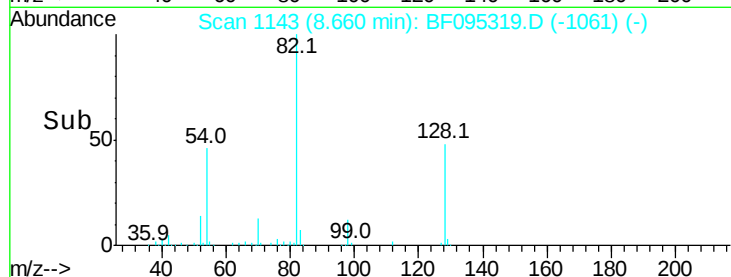
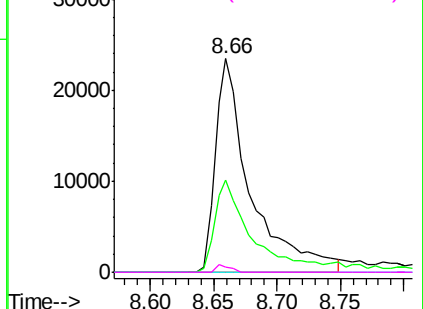


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.78 min Scan# 1334

Delta R.T. -0.00 min

Lab File: BF095319.D

Acq: 22 May 2017 17:54

Tgt Ion:136 Resp: 329739

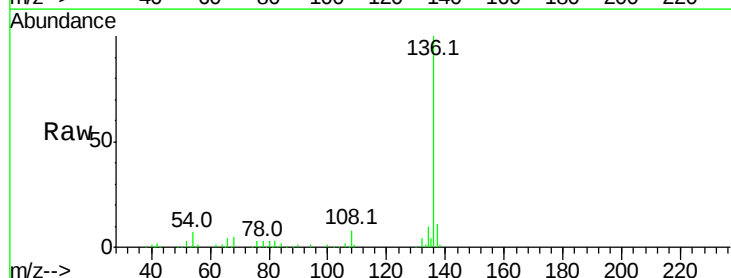
Ion Ratio Lower Upper

136 100

137 10.7 8.5 12.7

54 7.1 4.9 7.3

68 5.3 4.1 6.1

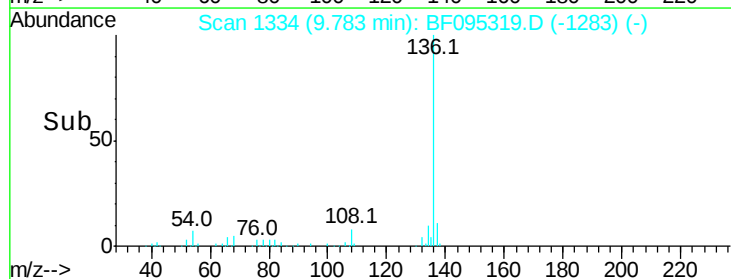
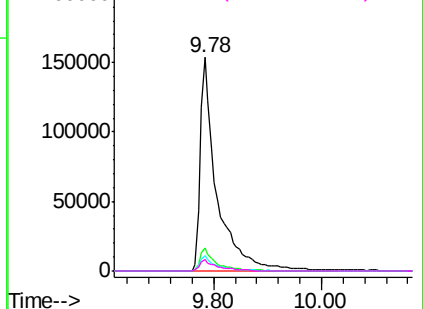


Abundance Ion 136.00 (135.70 to 136.70): E

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

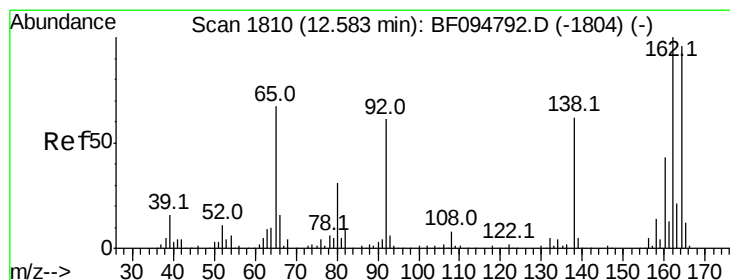
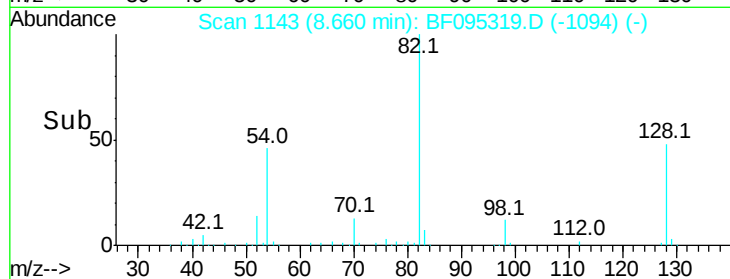
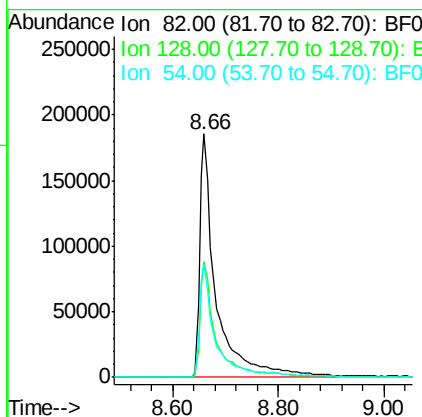
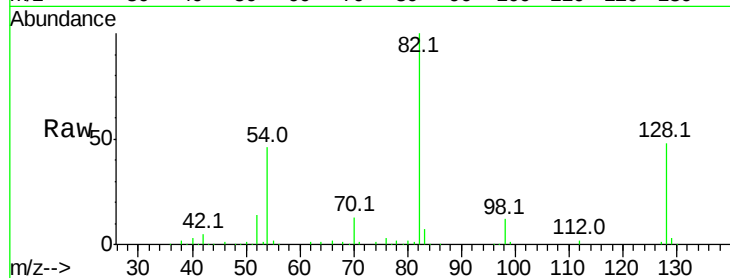




#23
 Nitrobenzene-d5
 Concen: 77.01 ng
 RT: 8.66 min Scan# 1143
 Delta R.T. -0.01 min
 Lab File: BF095319.D
 Acq: 22 May 2017 17:54

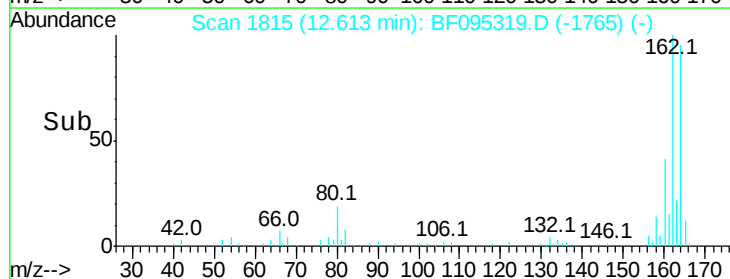
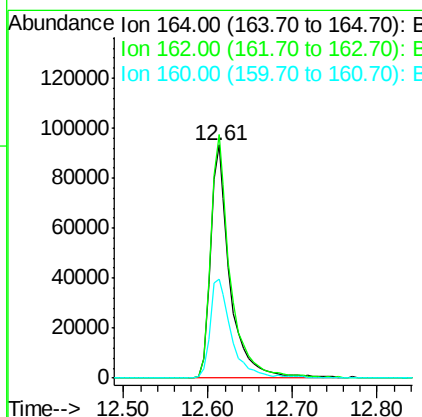
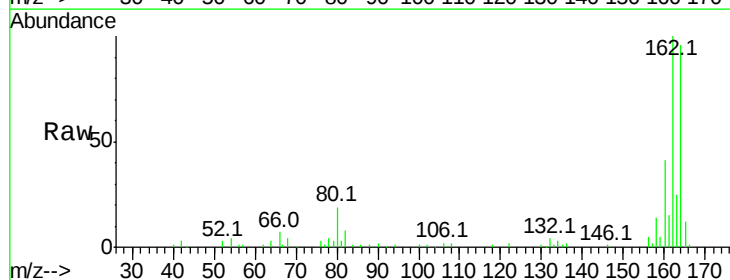
Instrument :
 BNA_F
 ClientSampled :

Tot Ion	82	Resp	402677
Ion Ratio	Lower	Upper	
82	100		
128	47.7	34.0	51.0
54	46.5	42.2	63.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.61 min Scan# 1815
 Delta R.T. -0.01 min
 Lab File: BF095319.D
 Acq: 22 May 2017 17:54

Tgt Ion	164	Resp	151487
Ion Ratio	Lower	Upper	
164	100		
162	104.4	82.6	123.8
160	42.5	36.2	54.2

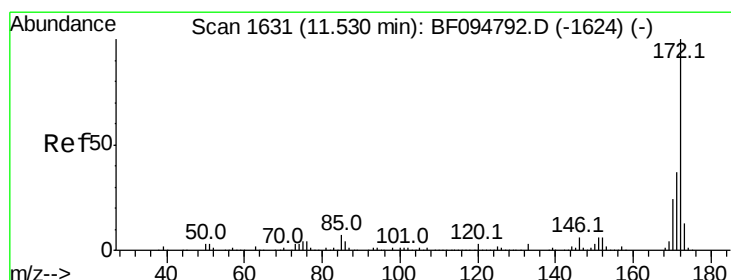
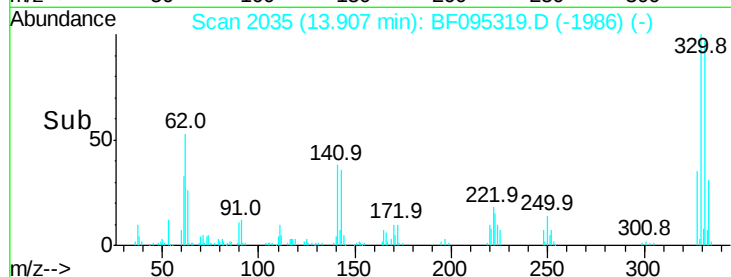
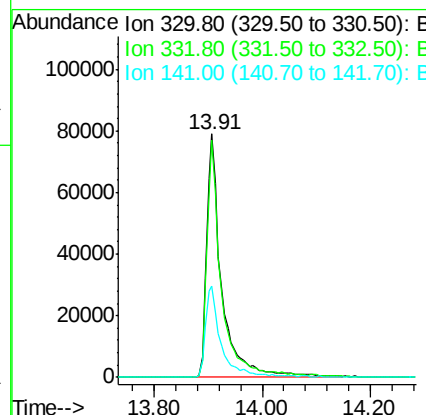
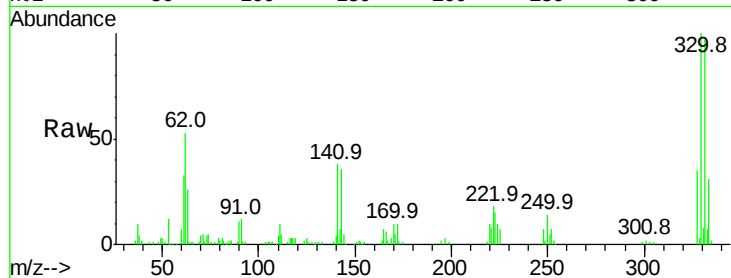




#41
 2,4,6-Tribromophenol
 Concen: 123.31 ng
 RT: 13.91 min Scan# 2035
 Delta R.T. -0.01 min
 Lab File: BF095319.D
 Acq: 22 May 2017 17:54

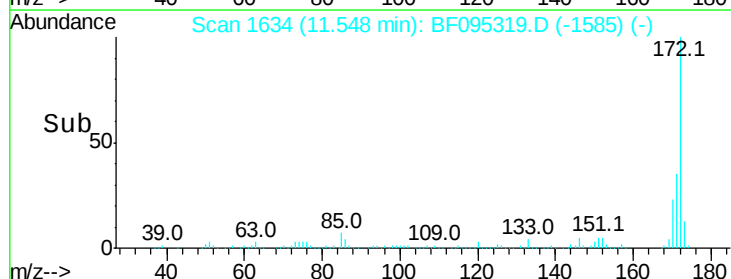
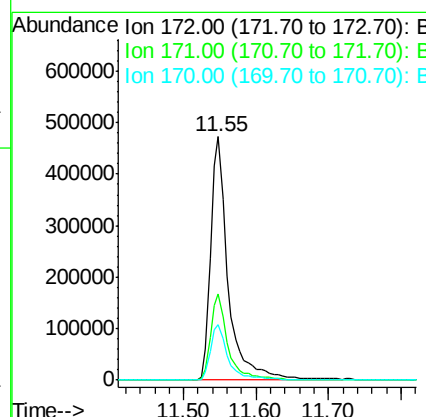
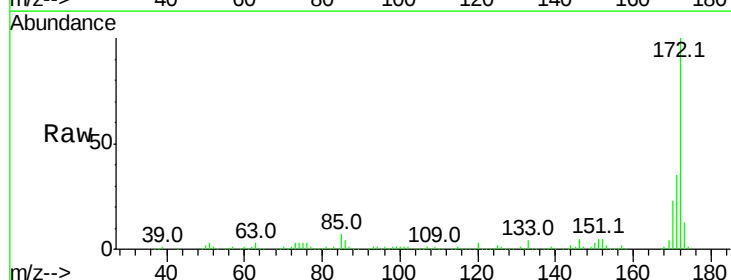
Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	93.4	76.6	115.0
141	36.7	31.4	47.2



#44
 2-Fluorobiphenyl
 Concen: 75.59 ng
 RT: 11.55 min Scan# 1634
 Delta R.T. -0.01 min
 Lab File: BF095319.D
 Acq: 22 May 2017 17:54

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.6	44.4
170	22.9	19.8	29.8





#49

Dimethylphthalate

Concen: 9.17 ng

RT: 12.25 min Scan# 1754

Delta R.T. -0.01 min

Lab File: BF095319.D

Acq: 22 May 2017 17:54

Instrument :

BNA_F

ClientSampleId :

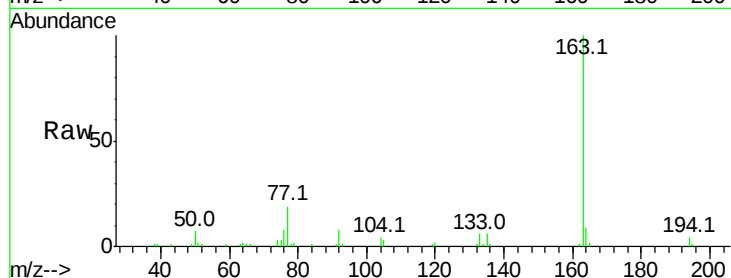
Tot Ion:163 Resp: 114082

Ion Ratio Lower Upper

163 100

194 3.7 2.6 4.0

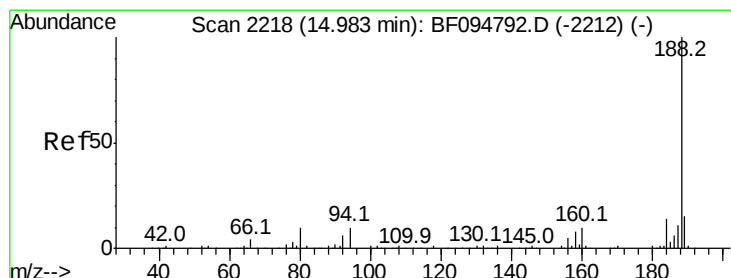
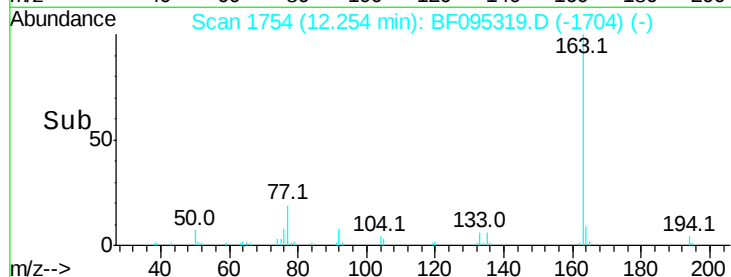
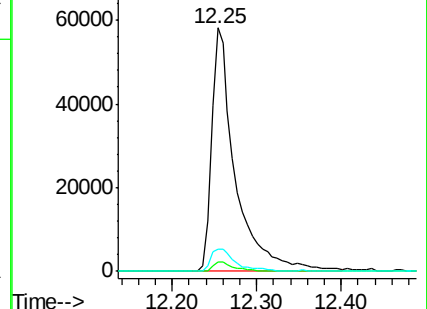
164 9.3 8.4 12.6



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: 15.01 min Scan# 2223

Delta R.T. -0.01 min

Lab File: BF095319.D

Acq: 22 May 2017 17:54

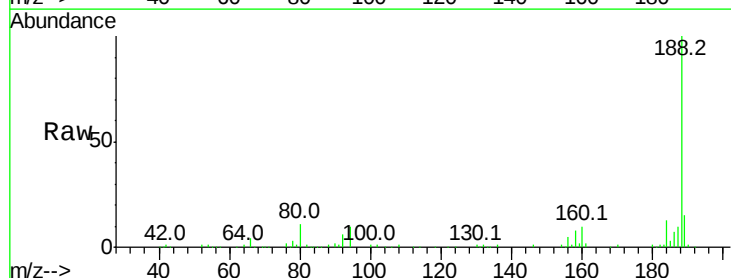
Tgt Ion:188 Resp: 291536

Ion Ratio Lower Upper

188 100

94 10.0 9.4 14.2

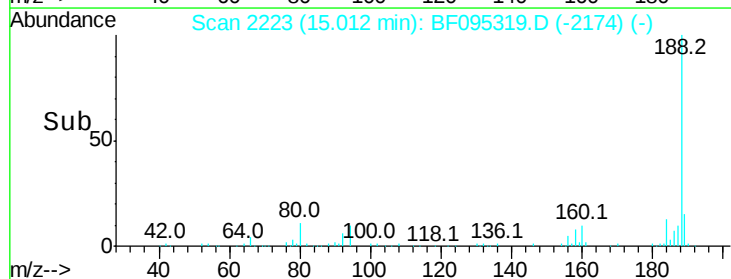
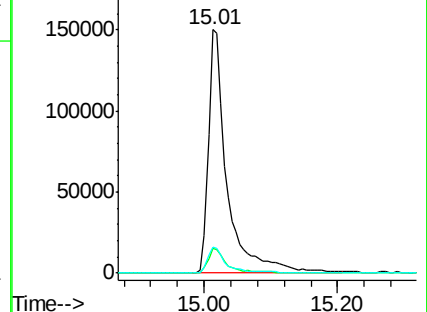
80 10.7 10.2 15.2



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

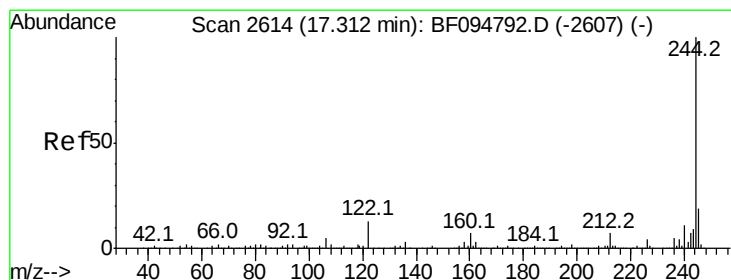
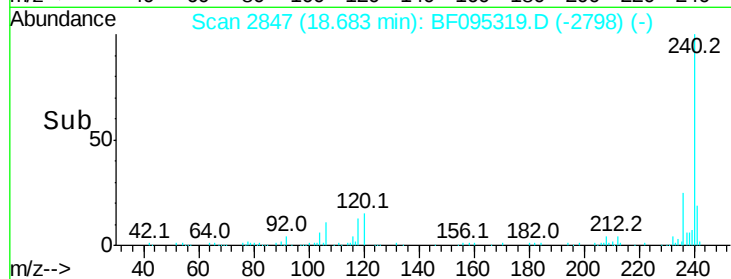
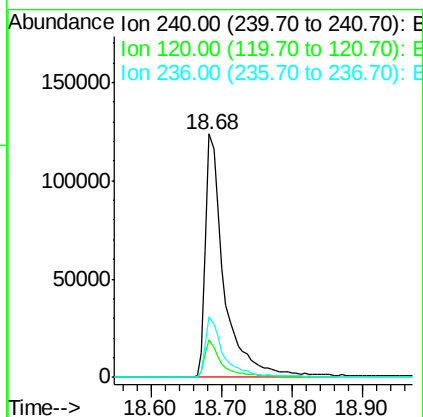
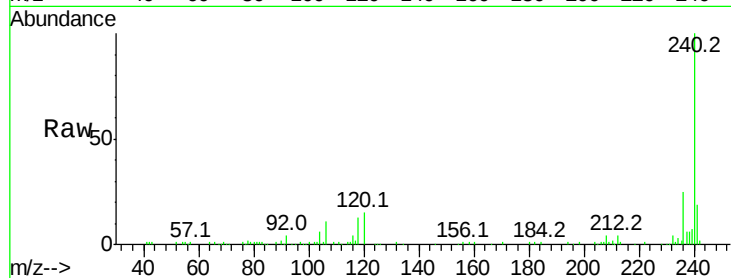




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.68 min Scan# 2847
 Delta R.T. -0.01 min
 Lab File: BF095319.D
 Acq: 22 May 2017 17:54

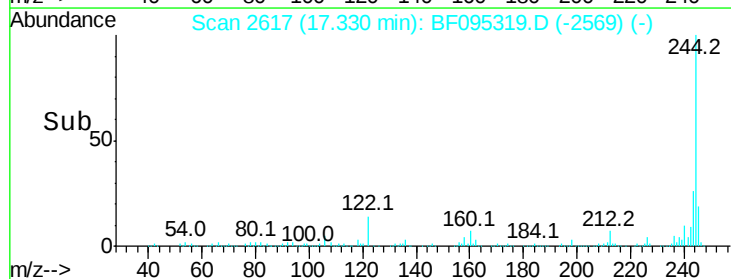
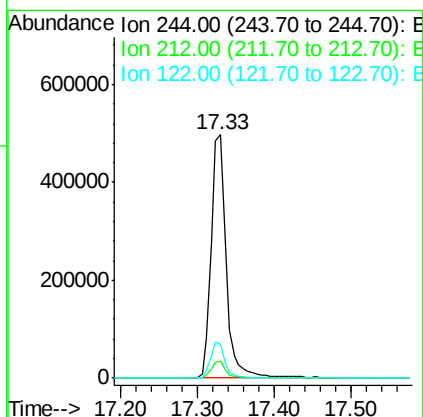
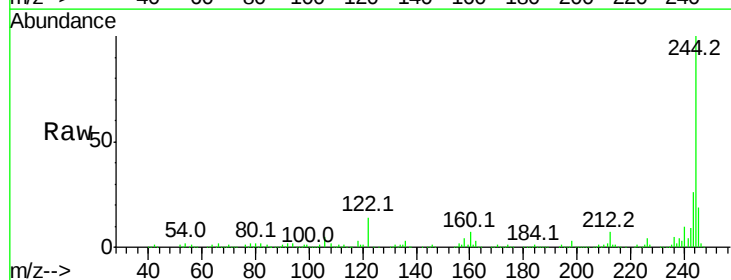
Instrument :
 BNA_F
 ClientSampleId :

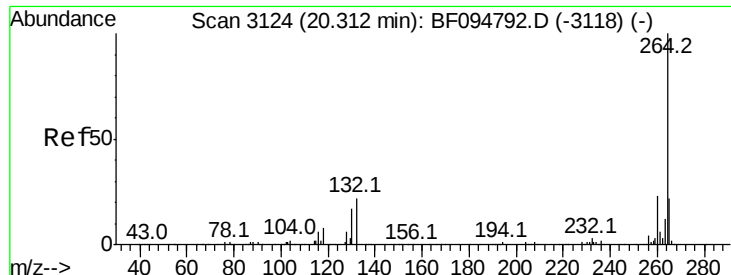
Tot Ion:240 Resp: 230294
 Ion Ratio Lower Upper
 240 100
 120 15.3 5.8 8.8#
 236 25.0 20.5 30.7



#78
 Terphenyl-d14
 Concen: 63.78 ng
 RT: 17.33 min Scan# 2617
 Delta R.T. -0.02 min
 Lab File: BF095319.D
 Acq: 22 May 2017 17:54

Tgt Ion:244 Resp: 666870
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 13.8 10.3 15.5

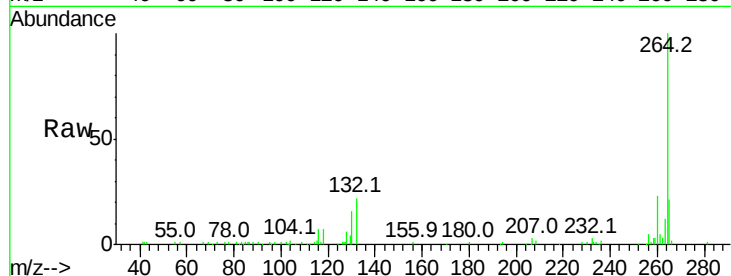




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 20.36 min Scan# 3133
 Delta R.T. -0.00 min
 Lab File: BF095319.D
 Acq: 22 May 2017 17:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.6	19.5	29.3
265	21.2	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

