

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051717\
 Data File : BF095217.D
 Acq On : 18 May 2017 10:16
 Operator : SJ/MA
 Sample : I3192-05
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 18 12:32:15 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

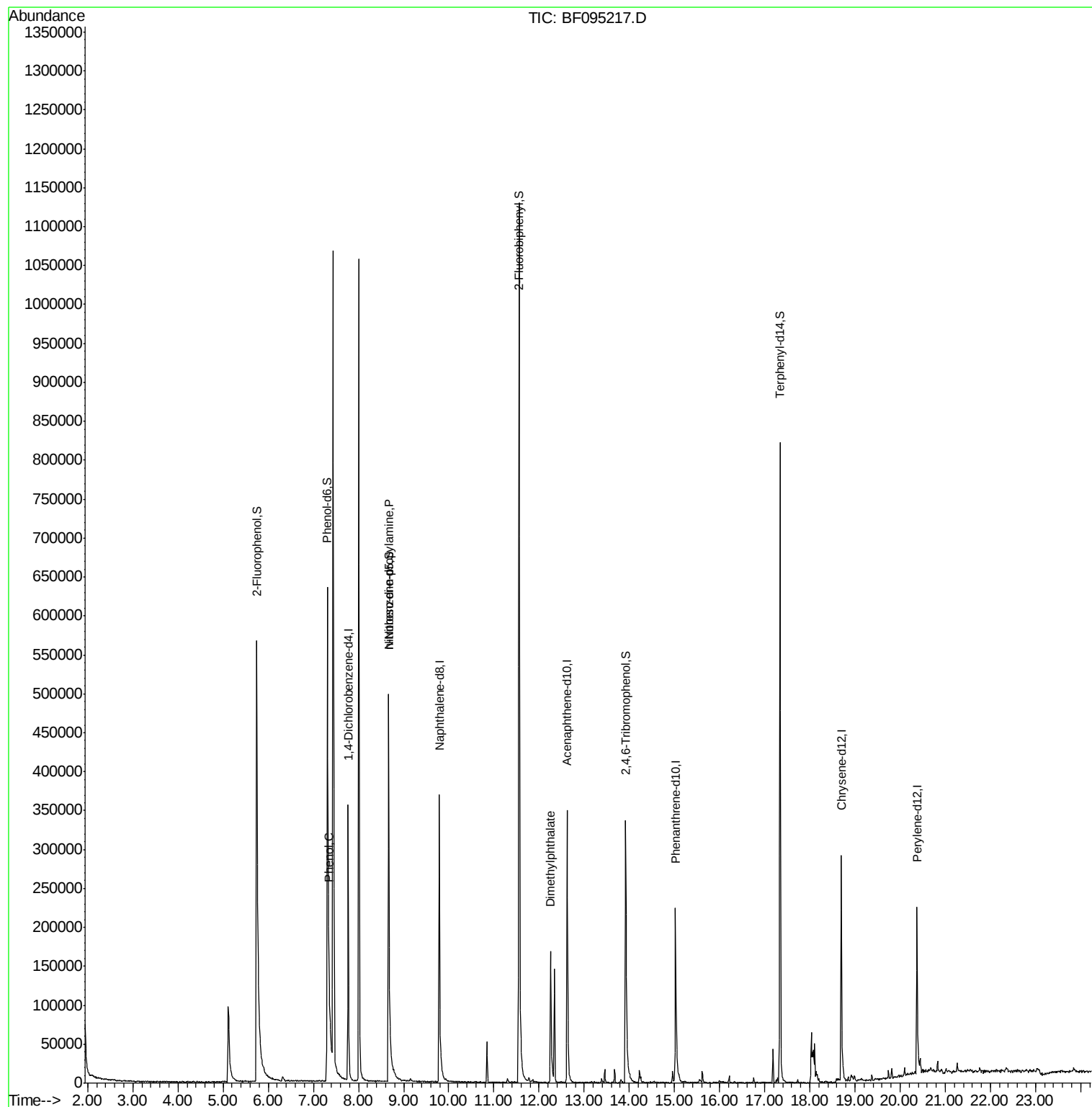
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	79762	20.00	ng	0.04
21) Naphthalene-d8	9.79	136	303390	20.00	ng	0.04
38) Acenaphthene-d10	12.62	164	124452	20.00	ng	0.04
63) Phenanthrene-d10	15.02	188	176152	20.00	ng	0.04
75) Chrysene-d12	18.69	240	164592	20.00	ng	0.04
86) Perylene-d12	20.37	264	122250	20.00	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.74	112	454045	94.91	ng	0.06
7) Phenol-d6	7.31	99	537237	93.59	ng	0.03
23) Nitrobenzene-d5	8.67	82	317738	66.04	ng	0.03
41) 2,4,6-Tribromophenol	13.92	330	77570	76.11	ng	0.04
44) 2-Fluorobiphenyl	11.56	172	606107	70.10	ng	0.03
78) Terphenyl-d14	17.34	244	335497	44.90	ng	0.03
Target Compounds						
10) Phenol	7.34	94	29182	4.82	ng	88
19) n-Nitroso-di-n-propylamine	8.67	70	36644	9.44	ng	# 78
49) Dimethylphthalate	12.25	163	145092	14.20	ng	98

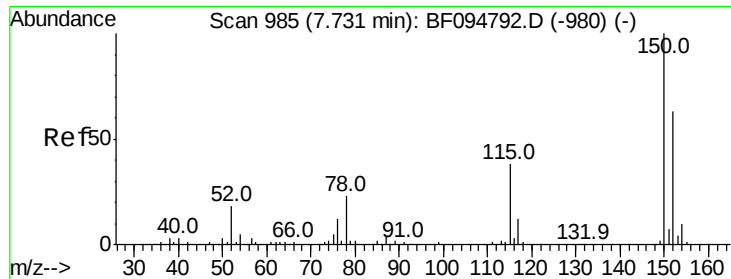
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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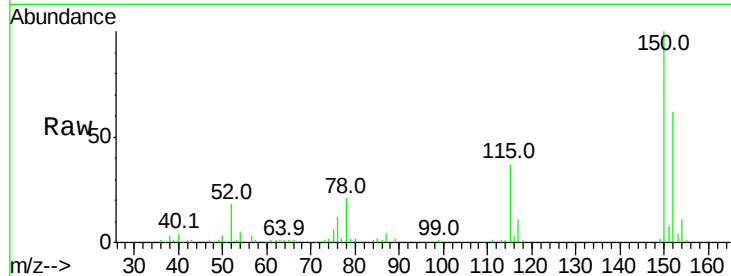


#1

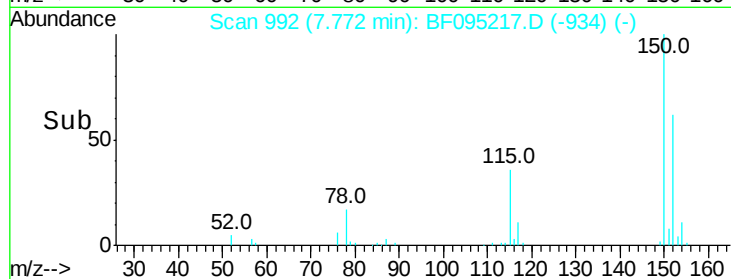
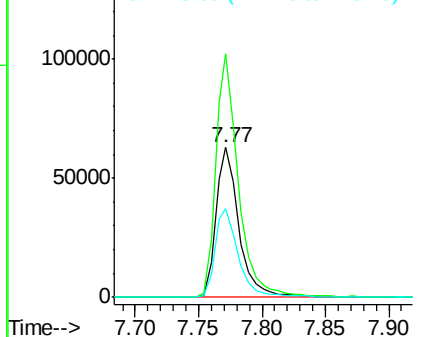
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.77 min Scan# 992
Delta R.T. 0.04 min
Lab File: BF095217.D
Acq: 18 May 2017 10:16

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 79762
Ion Ratio Lower Upper
152 100
150 162.6 126.2 189.2
115 59.5 52.2 78.2



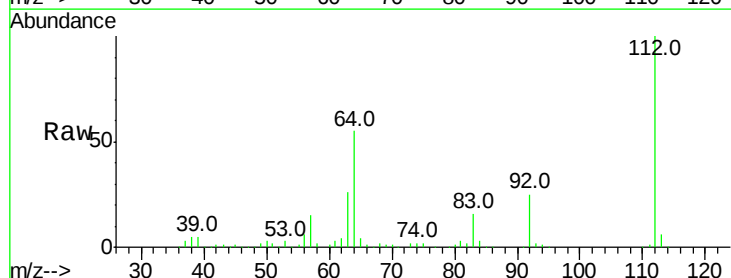
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



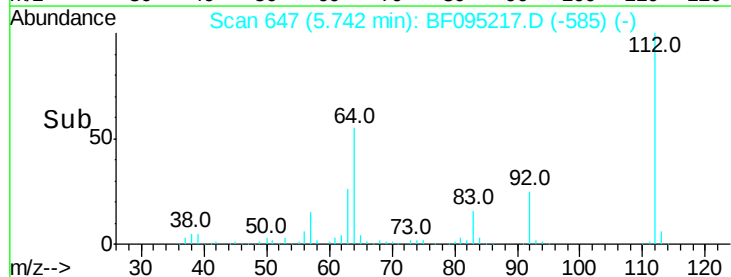
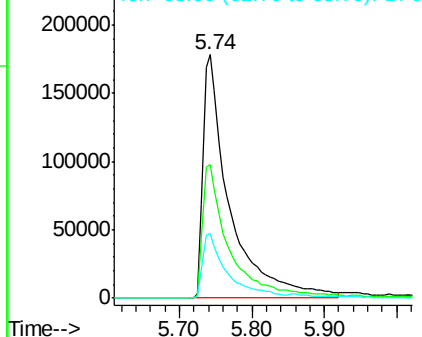
#5

2-Fluorophenol
Concen: 94.91 ng
RT: 5.74 min Scan# 647
Delta R.T. 0.06 min
Lab File: BF095217.D
Acq: 18 May 2017 10:16

Tgt Ion:112 Resp: 454045
Ion Ratio Lower Upper
112 100
64 55.0 46.0 69.0
63 26.2 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: 93.59 ng

RT: 7.31 min Scan# 913

Delta R.T. 0.03 min

Lab File: BF095217.D

Acq: 18 May 2017 10:16

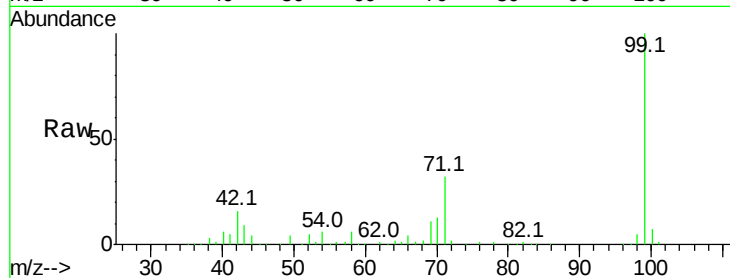
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 537237

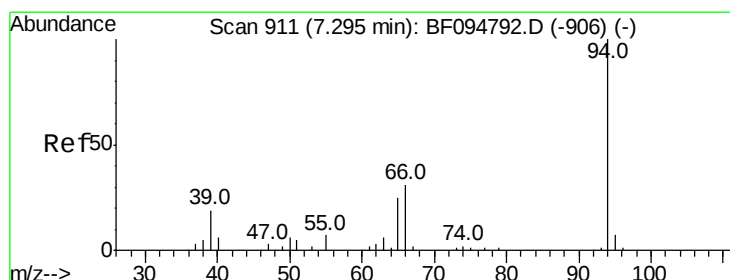
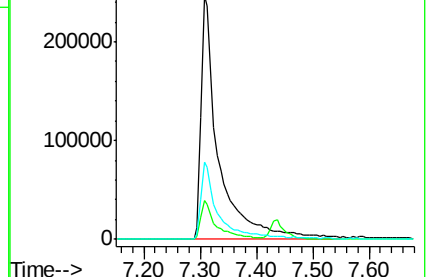
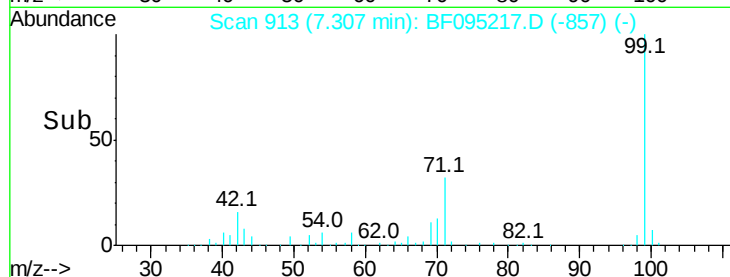
Ion	Ratio	Lower	Upper
99	100		
42	16.2	13.5	20.3
71	31.9	24.5	36.7



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: 4.82 ng

RT: 7.34 min Scan# 919

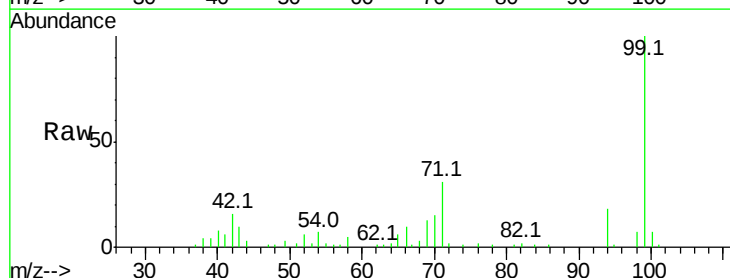
Delta R.T. 0.05 min

Lab File: BF095217.D

Acq: 18 May 2017 10:16

Tgt Ion: 94 Resp: 29182

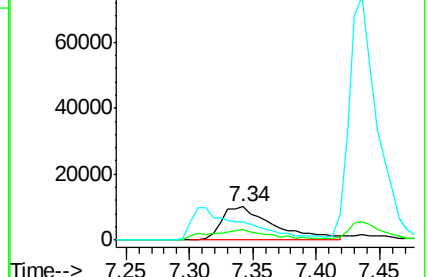
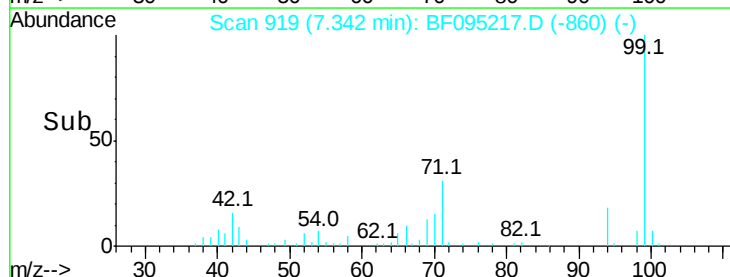
Ion	Ratio	Lower	Upper
94	100		
65	32.2	9.9	49.9
66	54.4	23.1	63.1

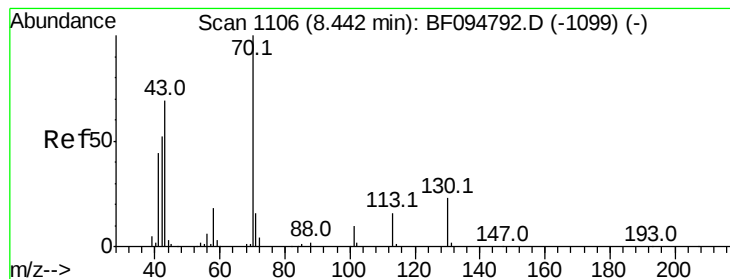


Abundance Ion 94.00 (93.70 to 94.70): BF0

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: 9.44 ng

RT: 8.67 min Scan# 1144

Delta R.T. 0.22 min

Lab File: BF095217.D

Acq: 18 May 2017 10:16

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 36644

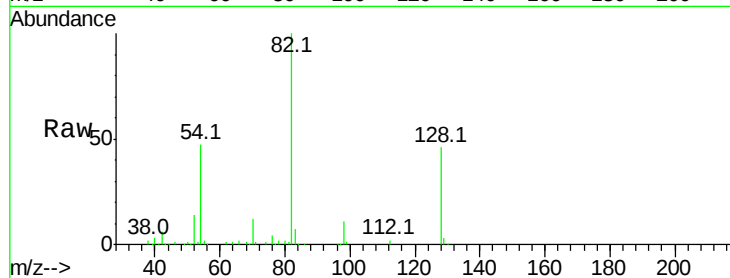
Ion Ratio Lower Upper

70 100

42 47.0 47.2 70.8#

101 0.0 7.2 10.8#

130 3.2 15.9 23.9#

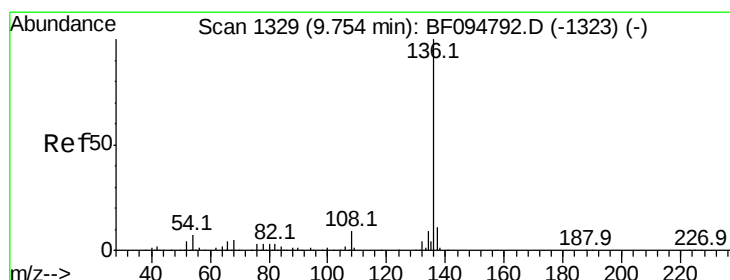
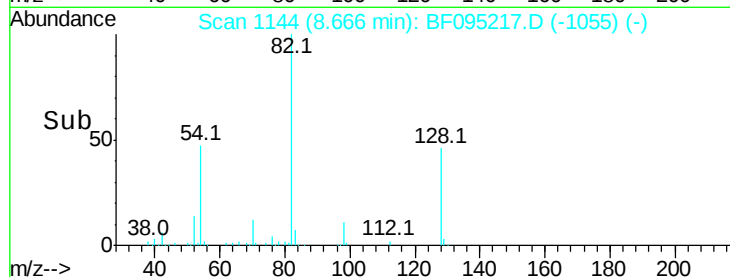
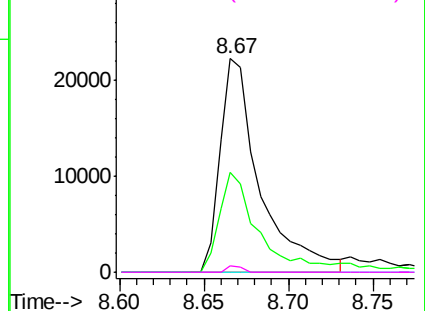


Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 9.79 min Scan# 1335

Delta R.T. 0.04 min

Lab File: BF095217.D

Acq: 18 May 2017 10:16

Tgt Ion:136 Resp: 303390

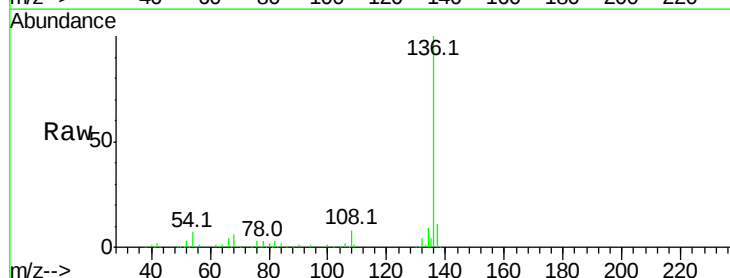
Ion Ratio Lower Upper

136 100

137 10.7 8.5 12.7

54 6.5 4.9 7.3

68 5.6 4.1 6.1

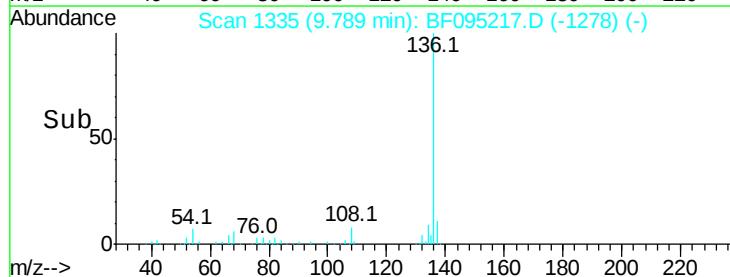
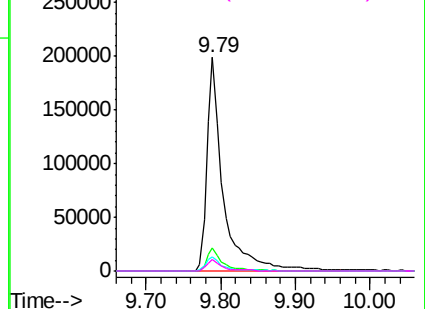


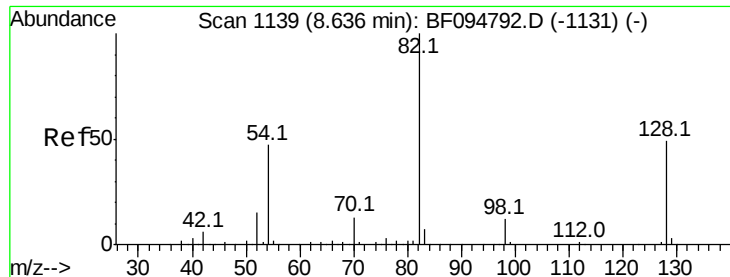
Abundance Ion 136.00 (135.70 to 136.70): E

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

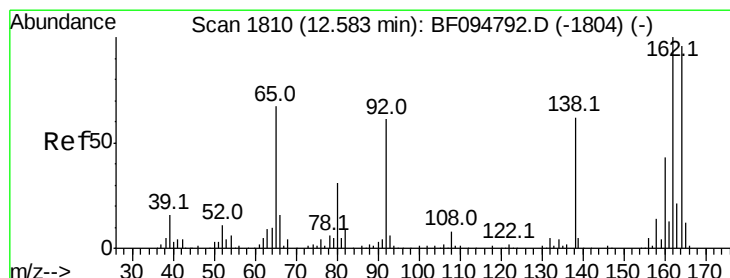
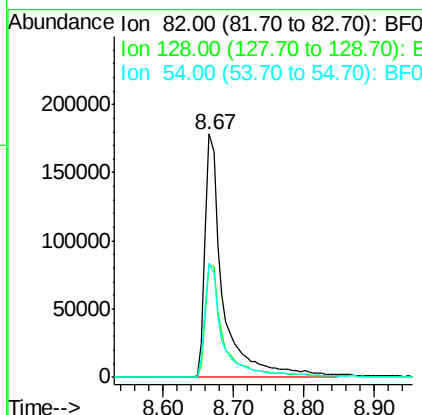
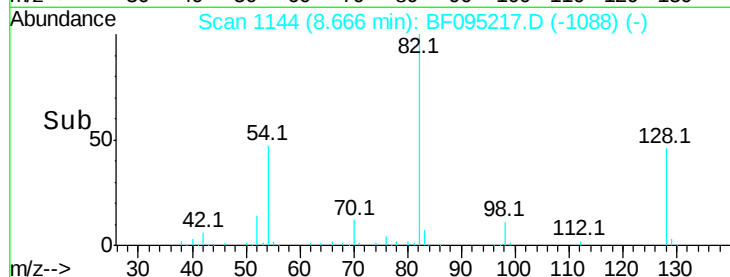
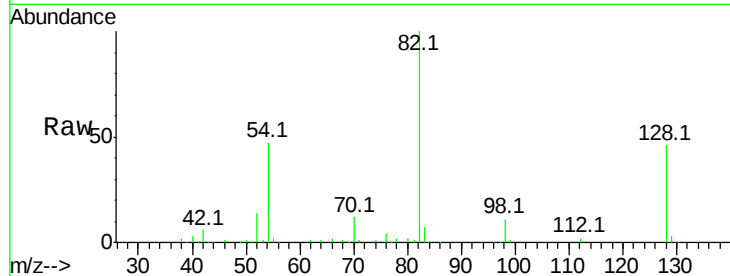




#23
 Nitrobenzene-d5
 Concen: 66.04 ng
 RT: 8.67 min Scan# 1144
 Delta R.T. 0.03 min
 Lab File: BF095217.D
 Acq: 18 May 2017 10:16

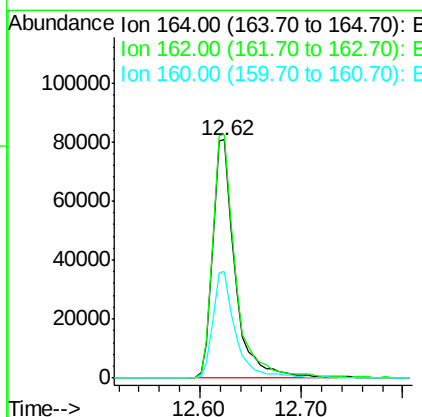
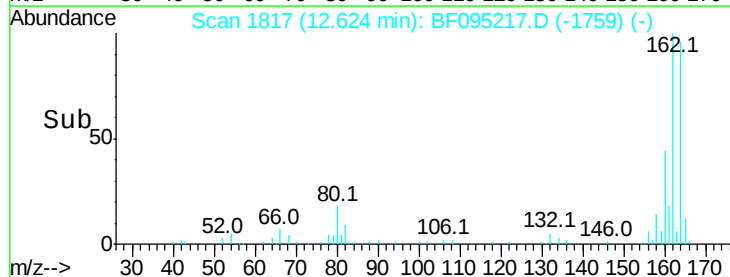
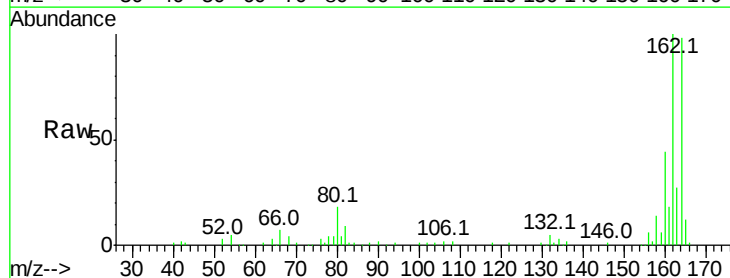
Instrument :
 BNA_F
 ClientSampleID :

Tot Ion: 82 Resp: 317738
 Ion Ratio Lower Upper
 82 100
 128 45.8 34.0 51.0
 54 46.7 42.2 63.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.62 min Scan# 1817
 Delta R.T. 0.04 min
 Lab File: BF095217.D
 Acq: 18 May 2017 10:16

Tgt Ion: 164 Resp: 124452
 Ion Ratio Lower Upper
 164 100
 162 102.3 82.6 123.8
 160 44.8 36.2 54.2

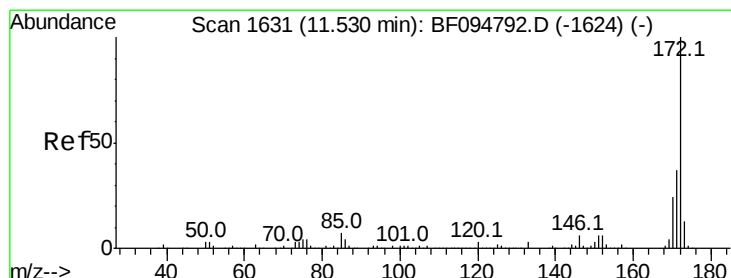
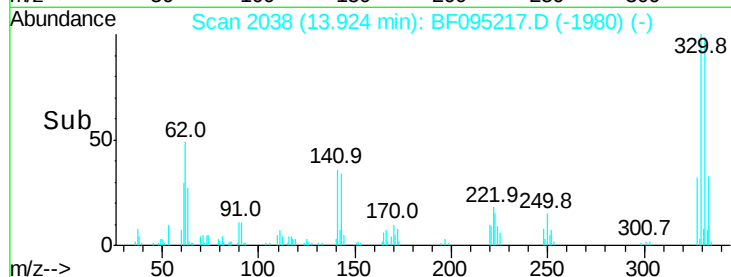
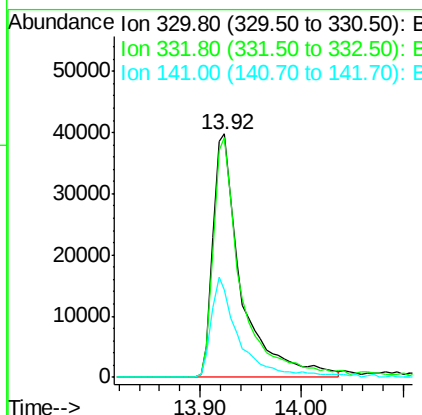
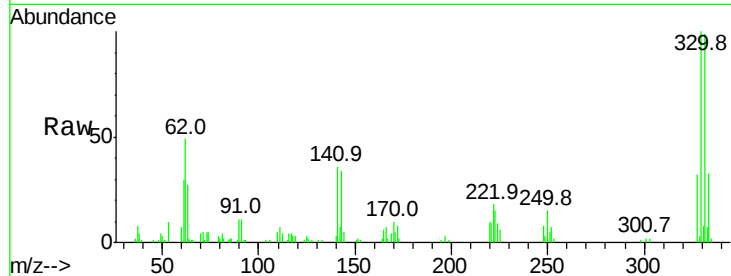




#41
 2,4,6-Tribromophenol
 Concen: 76.11 ng
 RT: 13.92 min Scan# 2038
 Delta R.T. 0.04 min
 Lab File: BF095217.D
 Acq: 18 May 2017 10:16

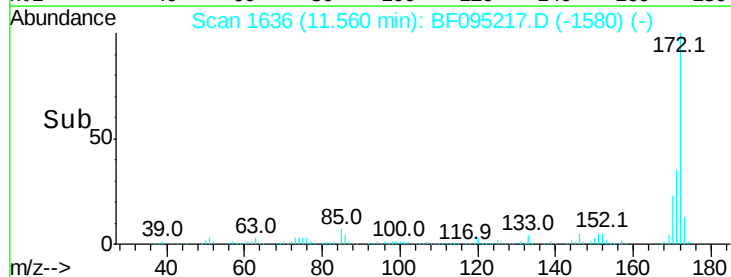
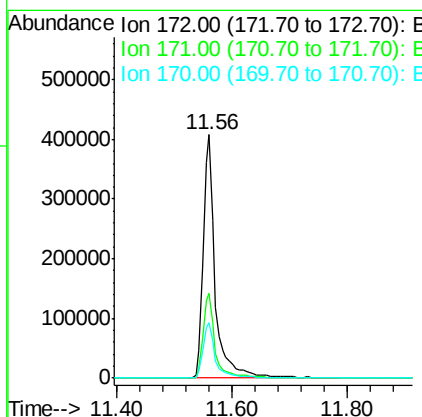
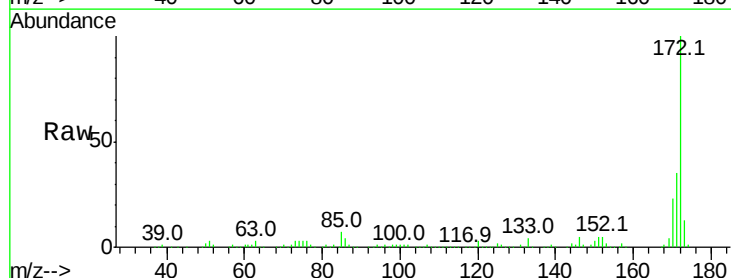
Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 77570
 Ion Ratio Lower Upper
 330 100
 332 96.8 76.6 115.0
 141 40.1 31.4 47.2



#44
 2-Fluorobiphenyl
 Concen: 70.10 ng
 RT: 11.56 min Scan# 1636
 Delta R.T. 0.03 min
 Lab File: BF095217.D
 Acq: 18 May 2017 10:16

Tgt Ion:172 Resp: 606107
 Ion Ratio Lower Upper
 172 100
 171 34.9 29.6 44.4
 170 23.0 19.8 29.8





#49

Dimethylphthalate

Concen: 14.20 ng

RT: 12.25 min Scan# 1754

Delta R.T. 0.02 min

Lab File: BF095217.D

Acq: 18 May 2017 10:16

Instrument :

BNA_F

ClientSampleId :

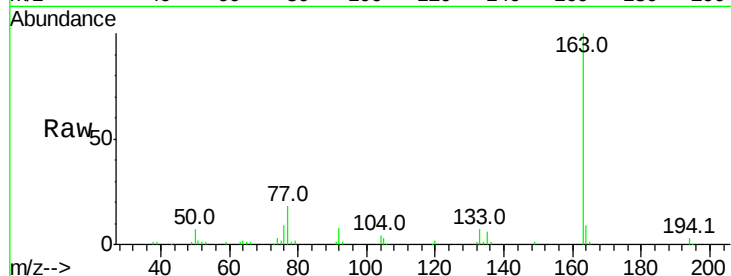
Tot Ion:163 Resp: 145092

Ion Ratio Lower Upper

163 100

194 3.0 2.6 4.0

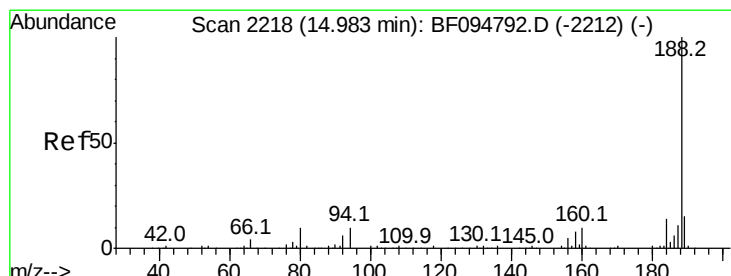
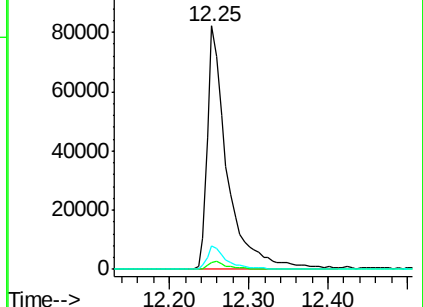
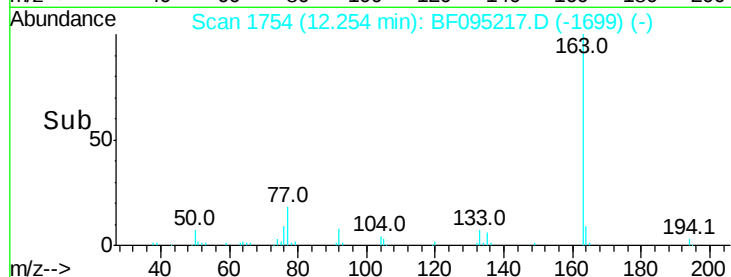
164 9.5 8.4 12.6



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: 15.02 min Scan# 2225

Delta R.T. 0.04 min

Lab File: BF095217.D

Acq: 18 May 2017 10:16

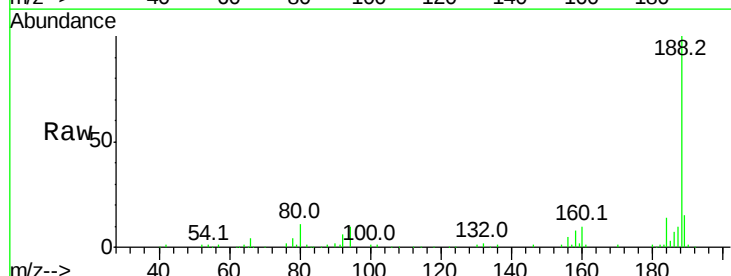
Tgt Ion:188 Resp: 176152

Ion Ratio Lower Upper

188 100

94 10.5 9.4 14.2

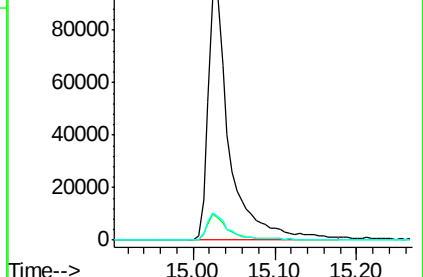
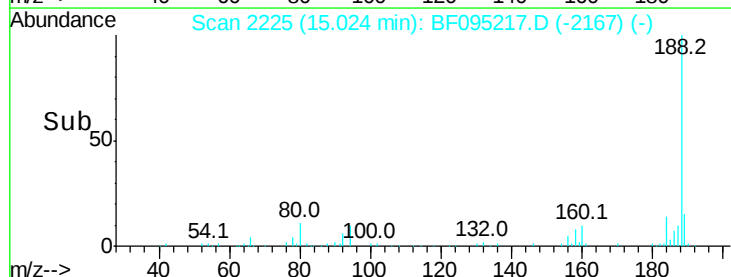
80 11.0 10.2 15.2



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

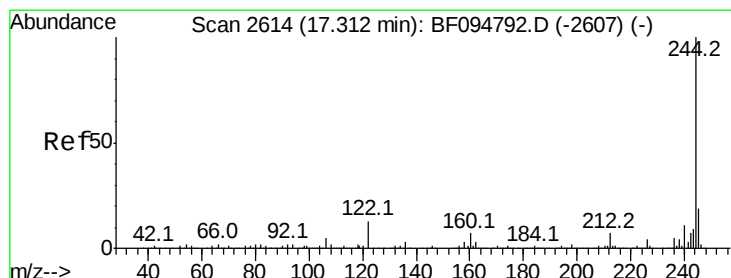
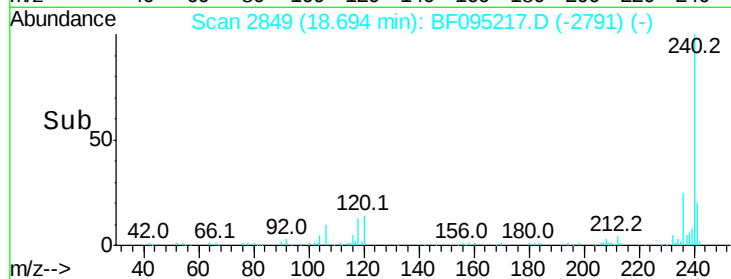
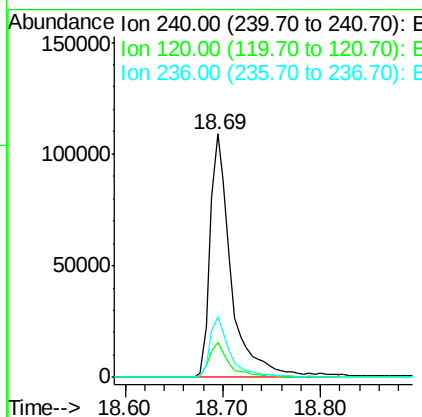
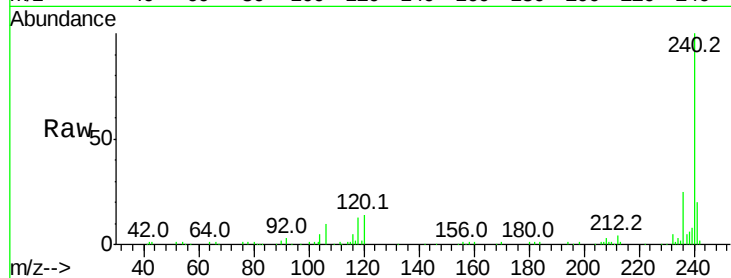




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.69 min Scan# 2849
 Delta R.T. 0.04 min
 Lab File: BF095217.D
 Acq: 18 May 2017 10:16

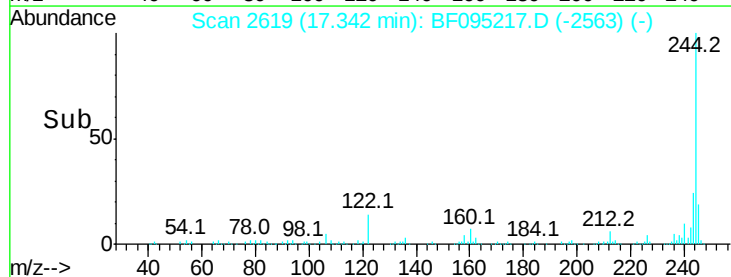
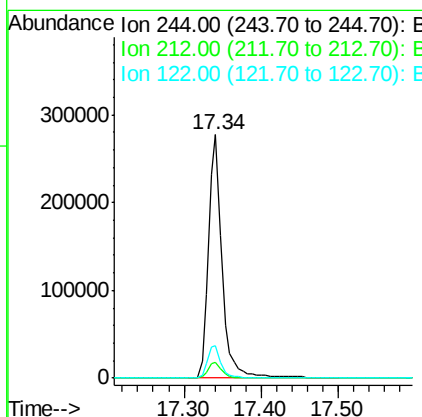
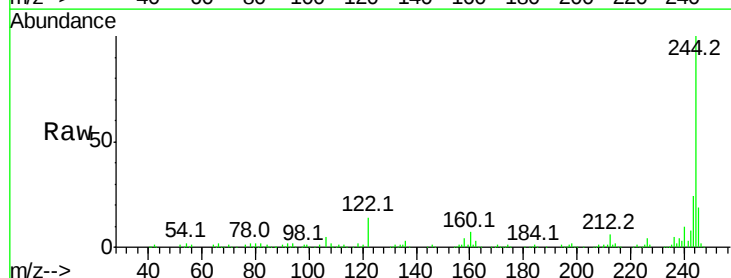
Instrument :
 BNA_F
 ClientSampled :

Tot Ion:240 Resp: 164592
 Ion Ratio Lower Upper
 240 100
 120 14.4 5.8 8.8#
 236 24.8 20.5 30.7



#78
 Terphenyl-d14
 Concen: 44.90 ng
 RT: 17.34 min Scan# 2619
 Delta R.T. 0.03 min
 Lab File: BF095217.D
 Acq: 18 May 2017 10:16

Tgt Ion:244 Resp: 335497
 Ion Ratio Lower Upper
 244 100
 212 6.4 6.0 9.0
 122 13.5 10.3 15.5

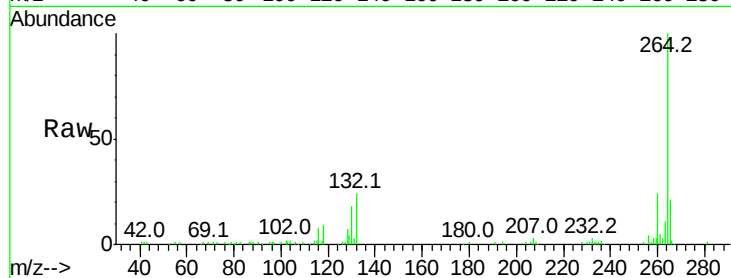




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 20.37 min Scan# 3134
 Delta R.T. 0.06 min
 Lab File: BF095217.D
 Acq: 18 May 2017 10:16

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.5	29.3
265	21.3	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

