

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062217\
 Data File : BF096130.D
 Acq On : 22 Jun 2017 19:32
 Operator : SJ/MA
 Sample : I3844-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 23 01:18:02 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 20 16:05:47 2017
 Response via : Initial Calibration

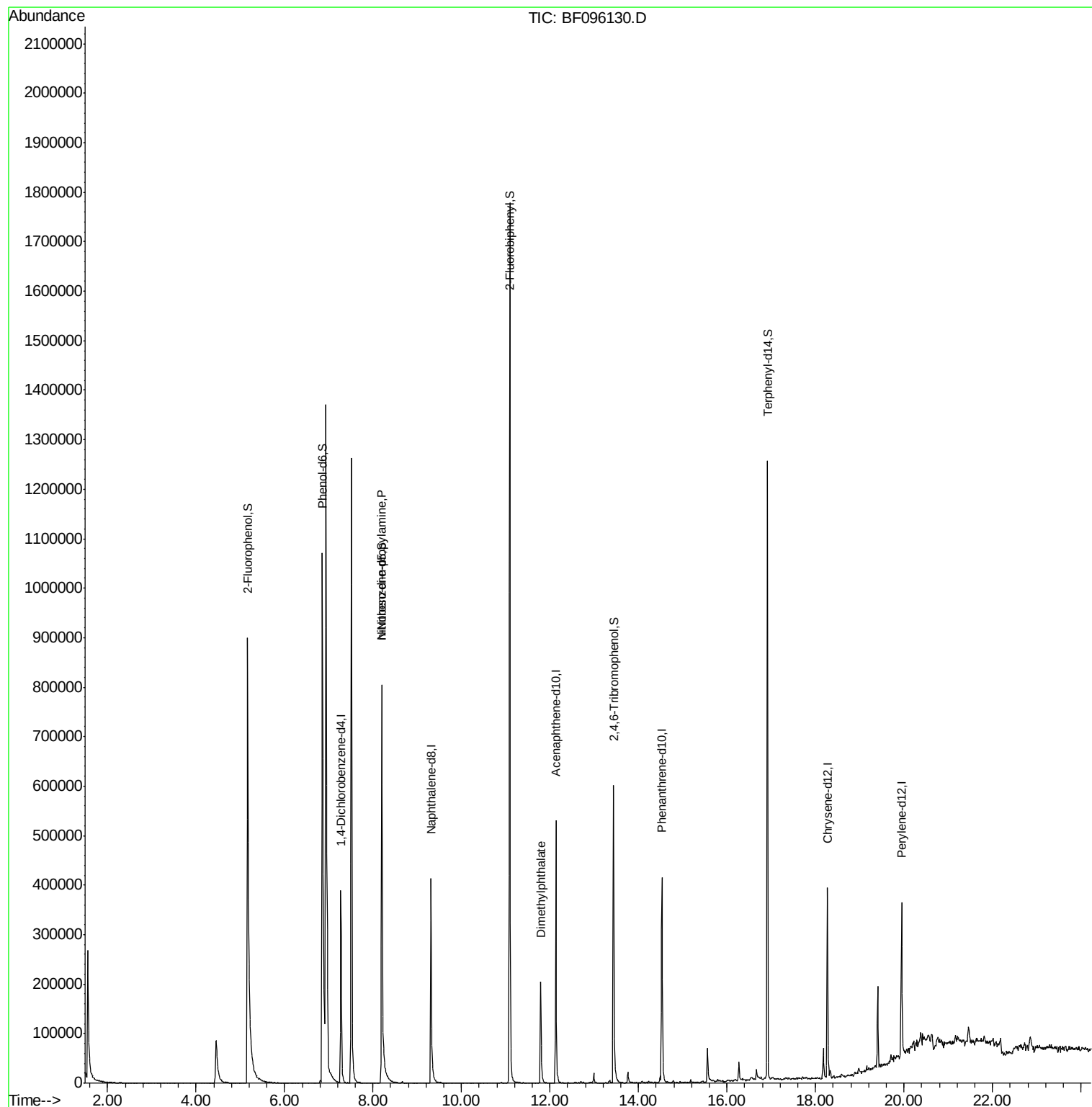
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.27	152	93979	20.00	ng	-0.02
21) Naphthalene-d8	9.31	136	351799	20.00	ng	-0.02
38) Acenaphthene-d10	12.13	164	153269	20.00	ng	-0.02
63) Phenanthrene-d10	14.53	188	250866	20.00	ng	-0.01
75) Chrysene-d12	18.27	240	185701	20.00	ng	0.00
86) Perylene-d12	19.94	264	155144	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.16	112	695556	117.93	ng	-0.02
7) Phenol-d6	6.86	99	842263	119.29	ng	-0.02
23) Nitrobenzene-d5	8.20	82	469465	82.88	ng	-0.02
41) 2,4,6-Tribromophenol	13.43	330	118127	87.11	ng	-0.02
44) 2-Fluorobiphenyl	11.09	172	836383	75.94	ng	-0.02
78) Terphenyl-d14	16.92	244	488935	65.34	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	8.20	70	57170	12.78	ng	Qvalue # 76
49) Dimethylphthalate	11.79	163	156929	13.49	ng	99

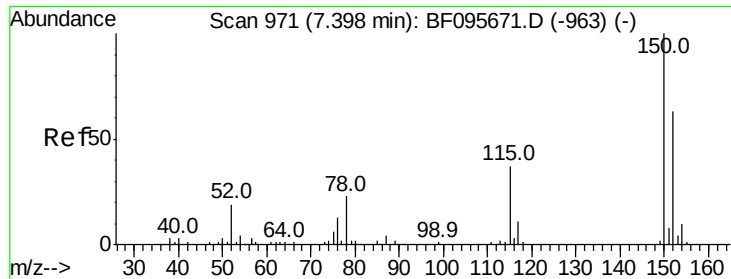
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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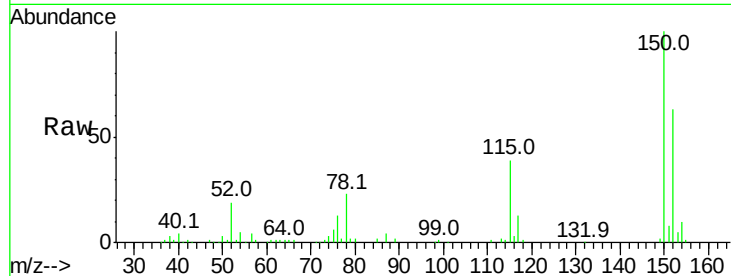


#1

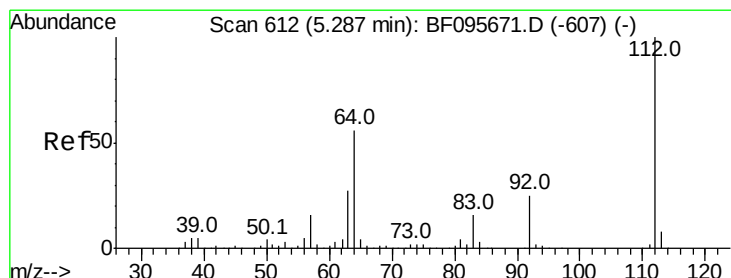
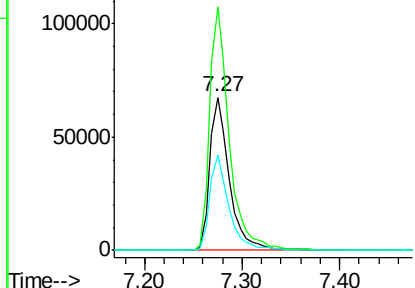
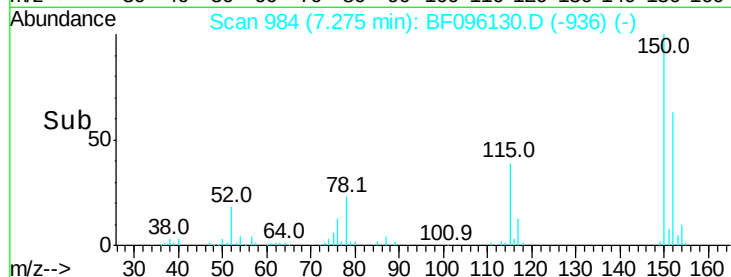
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.27 min Scan# 984
Delta R.T. -0.02 min
Lab File: BF096130.D
Acq: 22 Jun 2017 19:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 93979
Ion Ratio Lower Upper
152 100
150 159.0 126.2 189.2
115 62.1 52.2 78.2



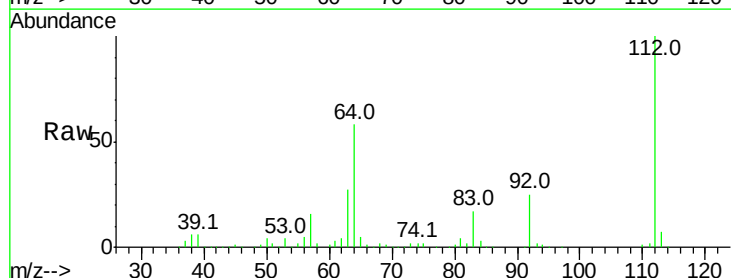
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



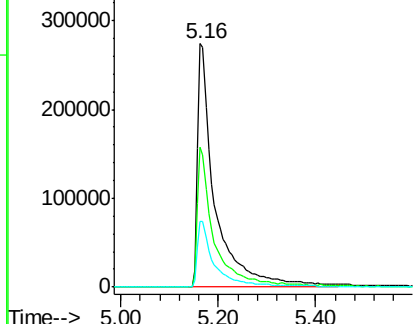
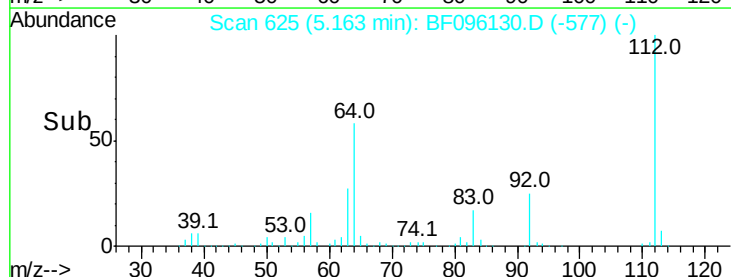
#5

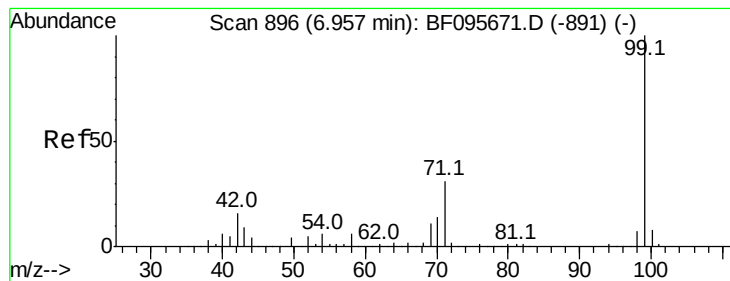
2-Fluorophenol
Concen: 117.93 ng
RT: 5.16 min Scan# 625
Delta R.T. -0.02 min
Lab File: BF096130.D
Acq: 22 Jun 2017 19:32

Tgt Ion:112 Resp: 695556
Ion Ratio Lower Upper
112 100
64 57.7 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: 119.29 ng

RT: 6.86 min Scan# 913

Delta R.T. -0.02 min

Lab File: BF096130.D

Acq: 22 Jun 2017 19:32

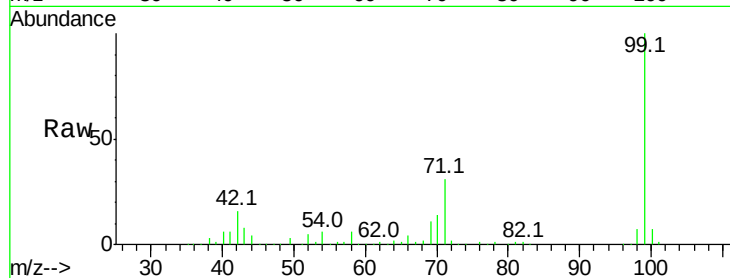
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 842263

Ion	Ratio	Lower	Upper
99	100		
42	15.8	13.5	20.3
71	30.6	24.5	36.7

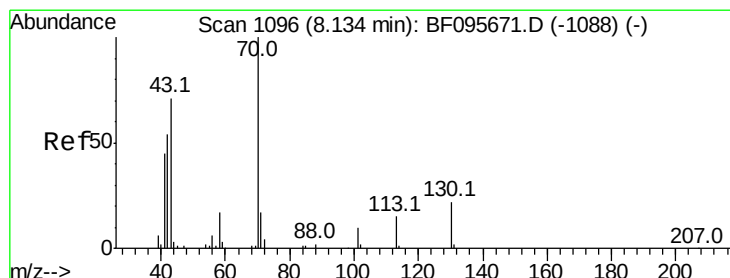
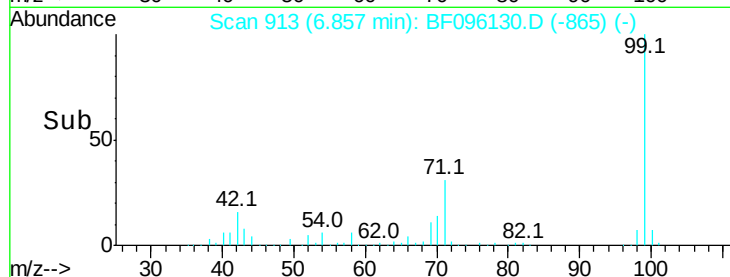
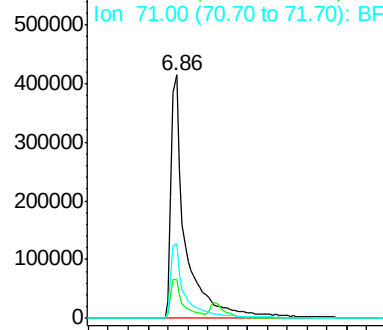


Abundance

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: 12.78 ng

RT: 8.20 min Scan# 1141

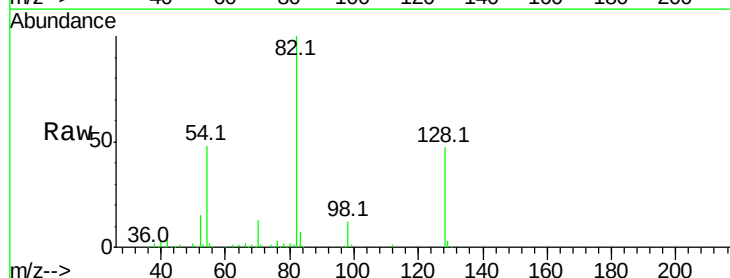
Delta R.T. 0.16 min

Lab File: BF096130.D

Acq: 22 Jun 2017 19:32

Tgt Ion: 70 Resp: 57170

Ion	Ratio	Lower	Upper
70	100		
42	44.3	47.2	70.8#
101	0.0	7.2	10.8#
130	2.5	15.9	23.9#



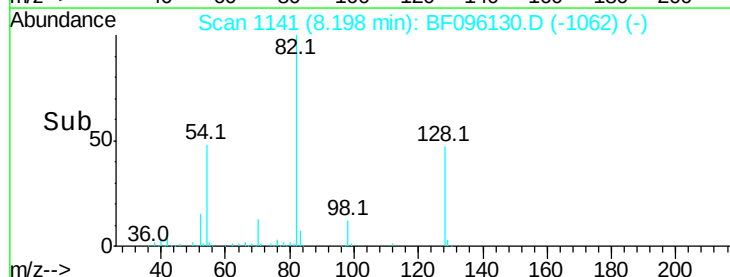
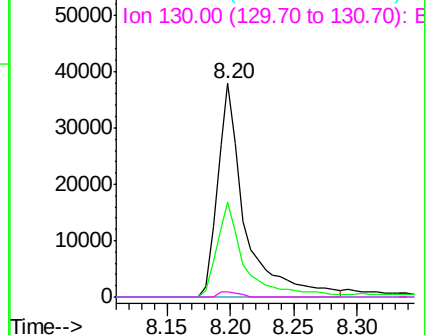
Abundance

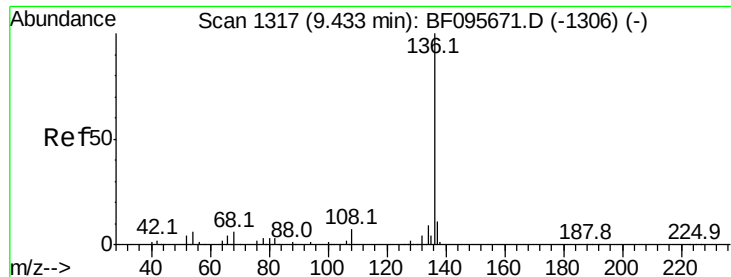
Ion 70.00 (69.70 to 70.70): BF0

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

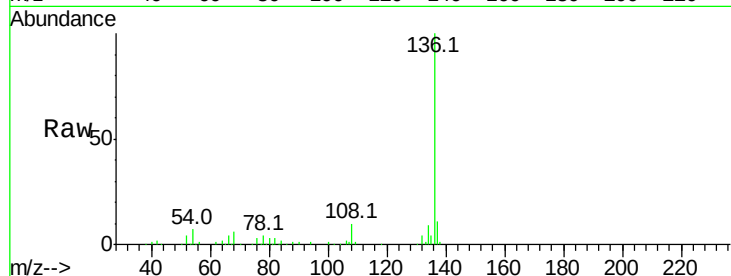




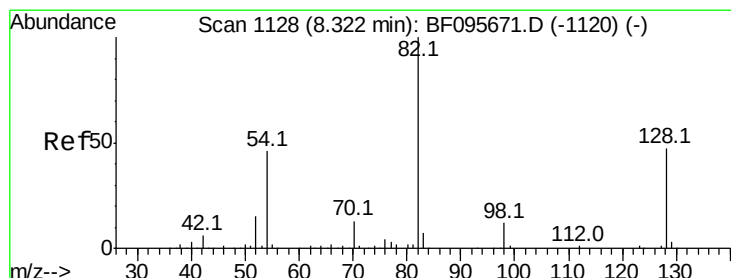
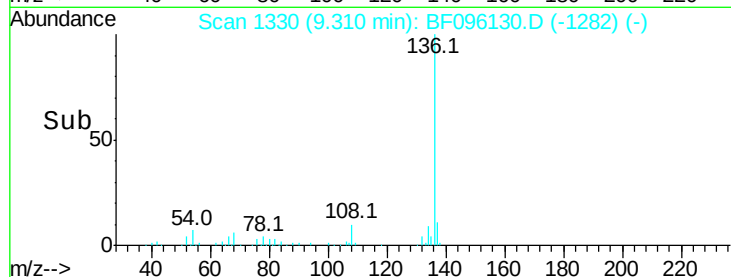
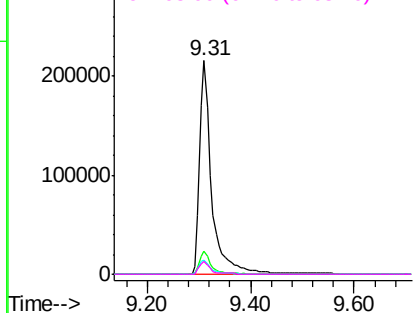
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.31 min Scan# 1330
Delta R.T. -0.02 min
Lab File: BF096130.D
Acq: 22 Jun 2017 19:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	351799
Ion	Ratio	Lower Upper
136	100	
137	10.7	8.5 12.7
54	6.8	4.9 7.3
68	6.1	4.1 6.1#

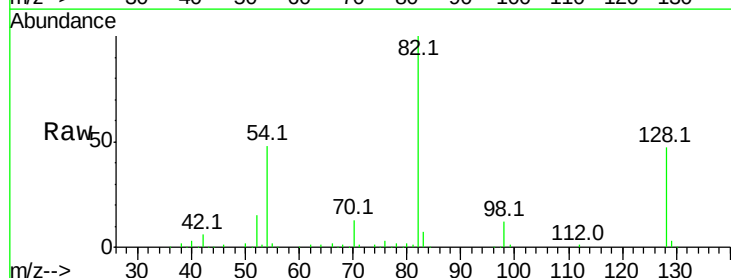


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

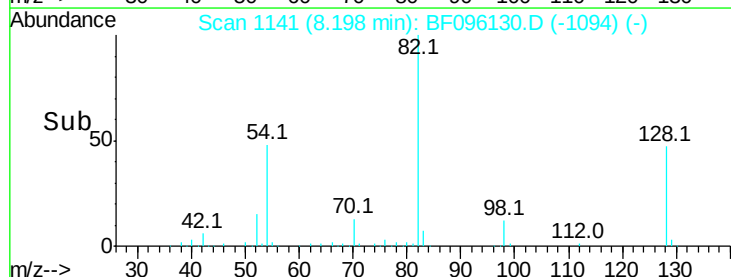
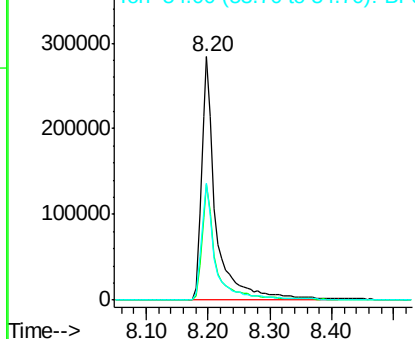


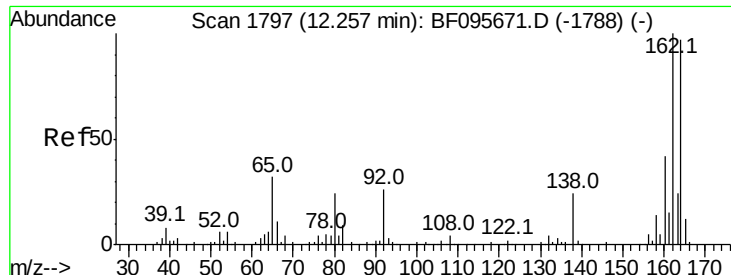
#23
Nitrobenzene-d5
Concen: 82.88 ng
RT: 8.20 min Scan# 1141
Delta R.T. -0.02 min
Lab File: BF096130.D
Acq: 22 Jun 2017 19:32

Tgt Ion: 82	Resp:	469465
Ion	Ratio	Lower Upper
82	100	
128	47.4	34.0 51.0
54	48.2	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: 12.13 min Scan# 1809

Delta R.T. -0.02 min

Lab File: BF096130.D

Acq: 22 Jun 2017 19:32

Instrument :

BNA_F

ClientSampleId :

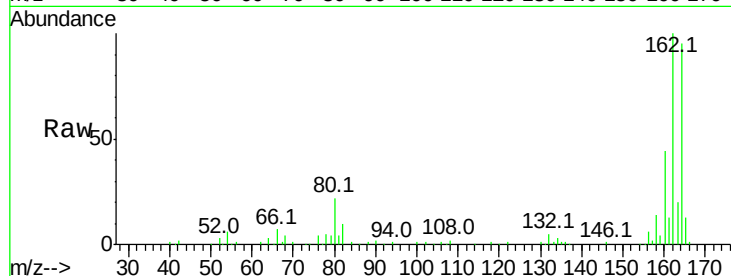
Tot Ion:164 Resp: 153269

Ion Ratio Lower Upper

164 100

162 105.0 82.6 123.8

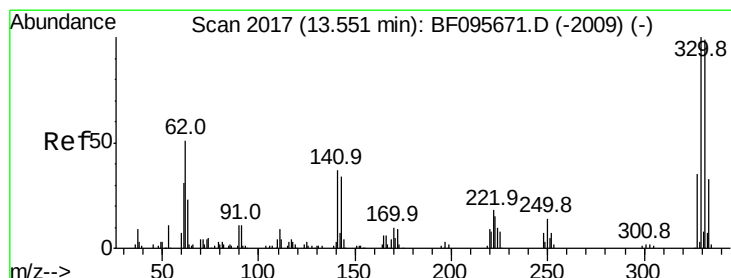
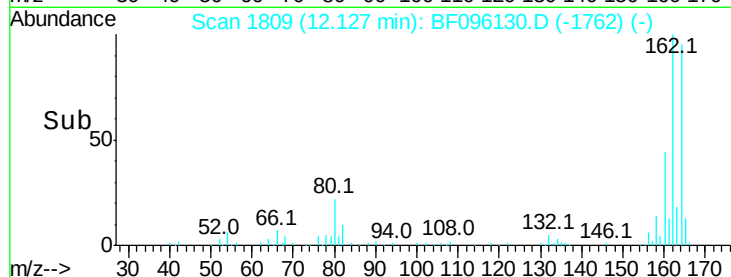
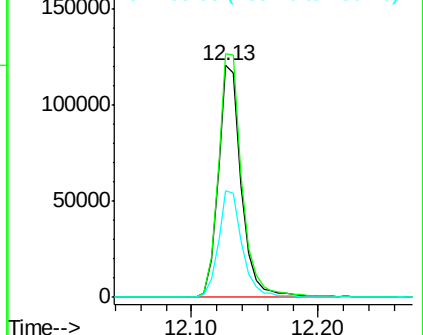
160 45.8 36.2 54.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 87.11 ng

RT: 13.43 min Scan# 2031

Delta R.T. -0.02 min

Lab File: BF096130.D

Acq: 22 Jun 2017 19:32

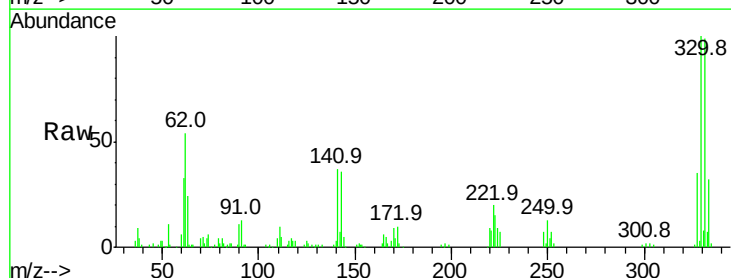
Tgt Ion:330 Resp: 118127

Ion Ratio Lower Upper

330 100

332 98.6 76.6 115.0

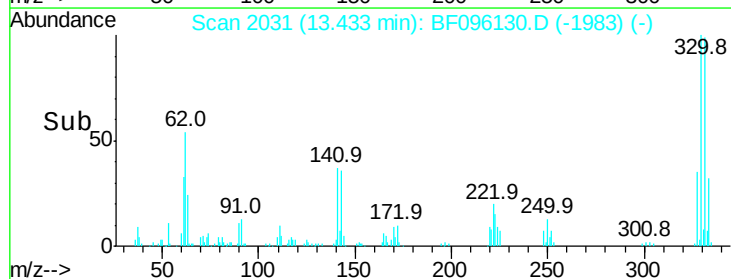
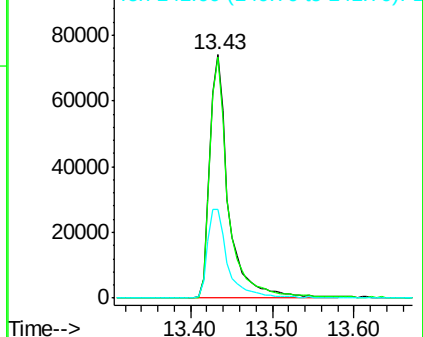
141 39.9 31.4 47.2

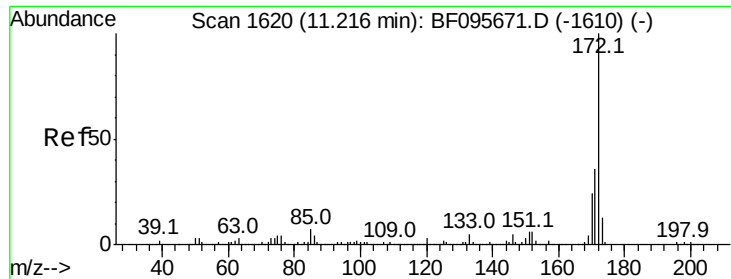


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

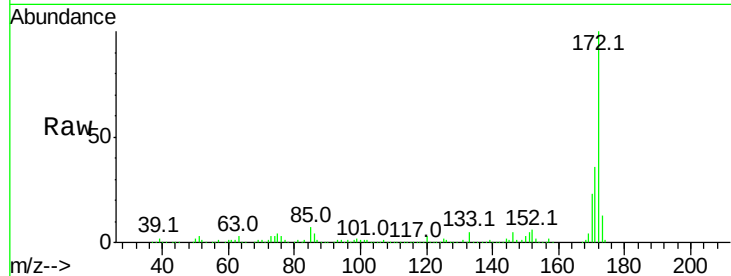




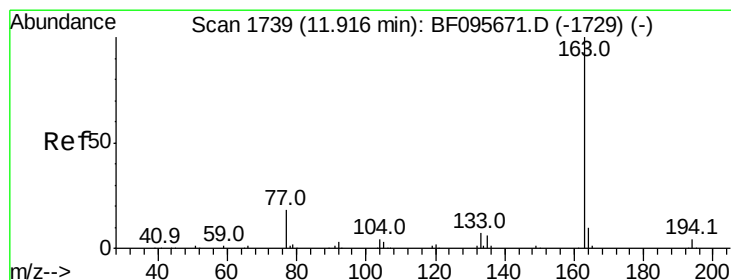
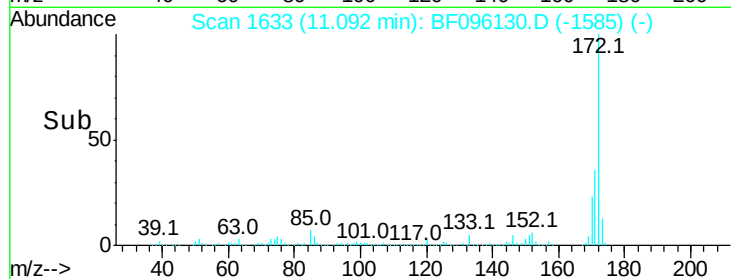
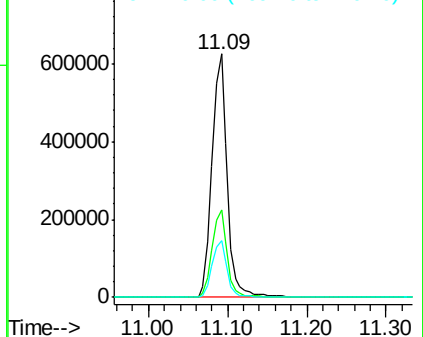
#44
2-Fluorobiphenyl
Concen: 75.94 ng
RT: 11.09 min Scan# 1633
Delta R.T. -0.02 min
Lab File: BF096130.D
Acq: 22 Jun 2017 19:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 836383
Ion Ratio Lower Upper
172 100
171 35.7 29.6 44.4
170 23.5 19.8 29.8

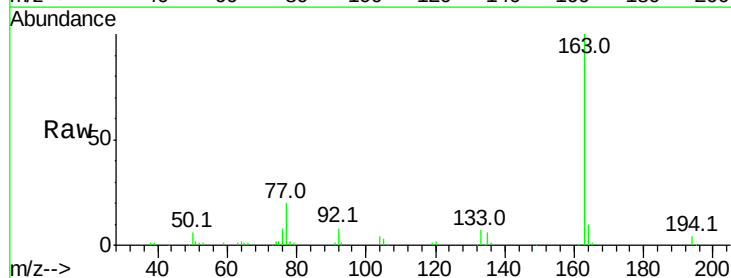


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

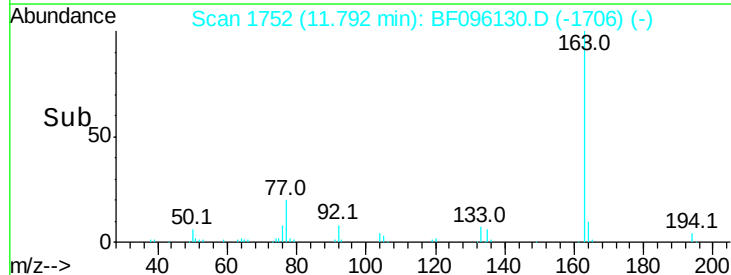
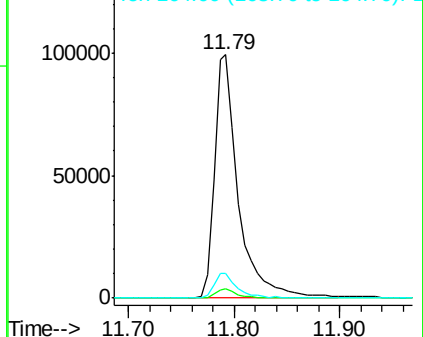


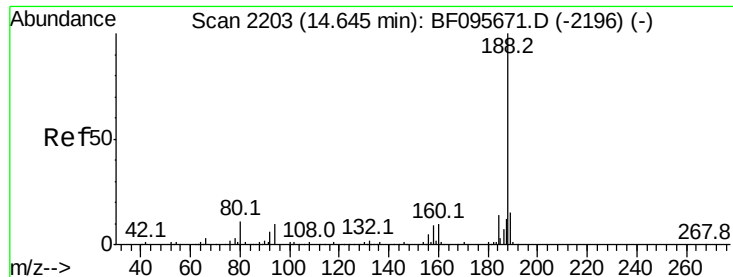
#49
Dimethylphthalate
Concen: 13.49 ng
RT: 11.79 min Scan# 1752
Delta R.T. -0.03 min
Lab File: BF096130.D
Acq: 22 Jun 2017 19:32

Tgt Ion:163 Resp: 156929
Ion Ratio Lower Upper
163 100
194 3.7 2.6 4.0
164 10.1 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

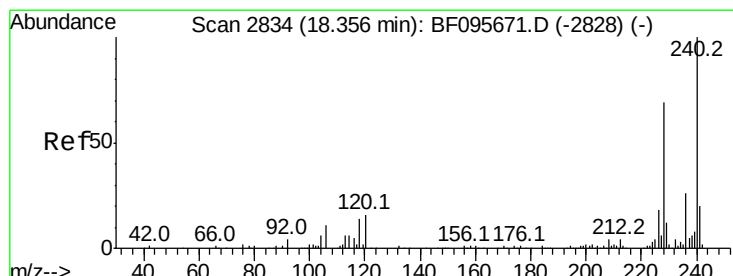
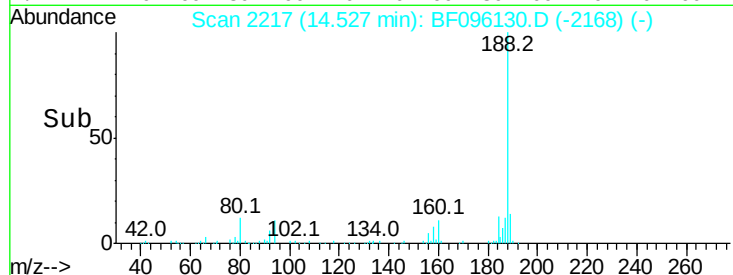
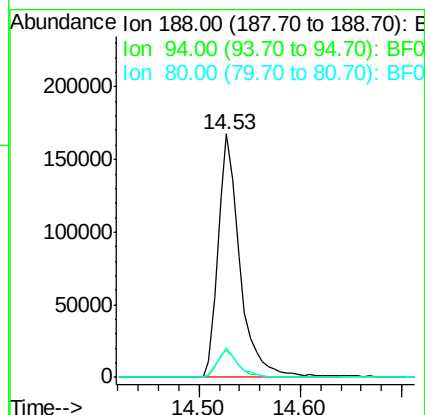
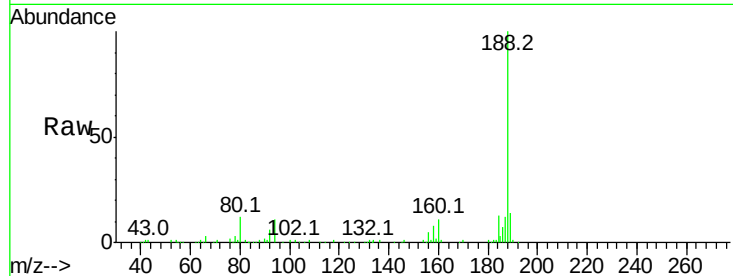




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.53 min Scan# 2217
Delta R.T. -0.01 min
Lab File: BF096130.D
Acq: 22 Jun 2017 19:32

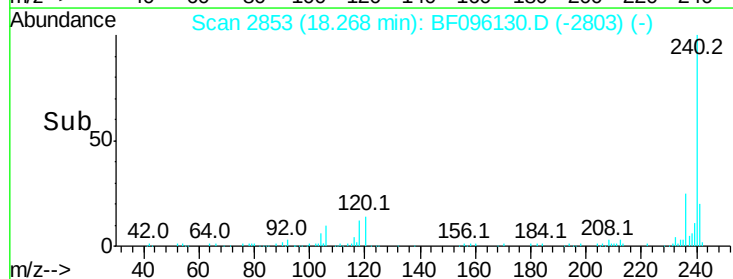
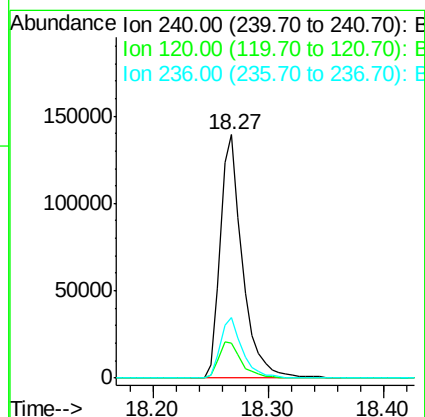
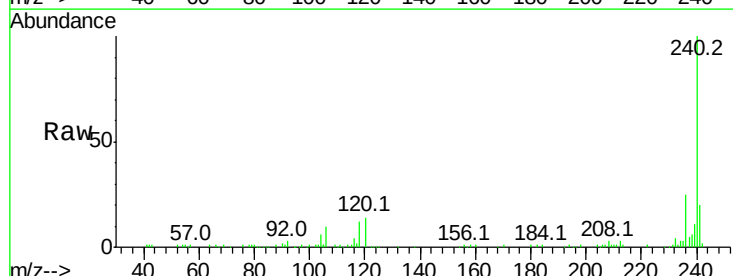
Instrument :
BNA_F
ClientSampleId :

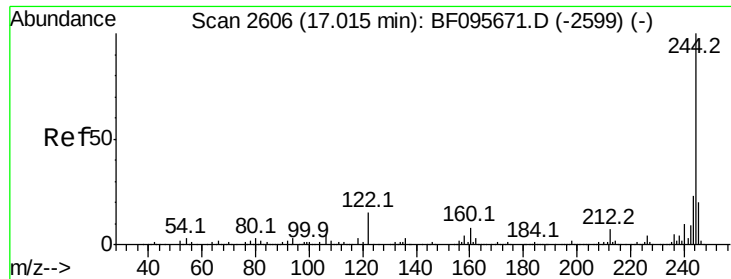
Tot Ion:188 Resp: 250866
Ion Ratio Lower Upper
188 100
94 11.1 9.4 14.2
80 12.0 10.2 15.2



#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.27 min Scan# 2853
Delta R.T. -0.01 min
Lab File: BF096130.D
Acq: 22 Jun 2017 19:32

Tgt Ion:240 Resp: 185701
Ion Ratio Lower Upper
240 100
120 14.3 5.8 8.8#
236 25.0 20.5 30.7

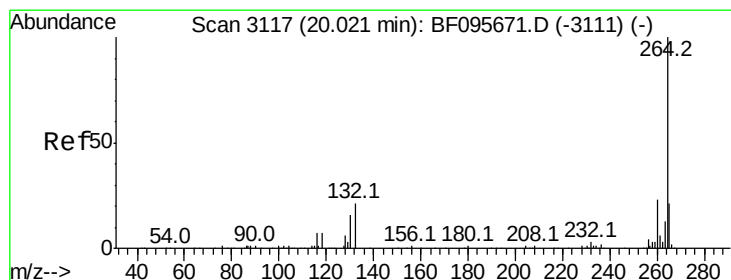
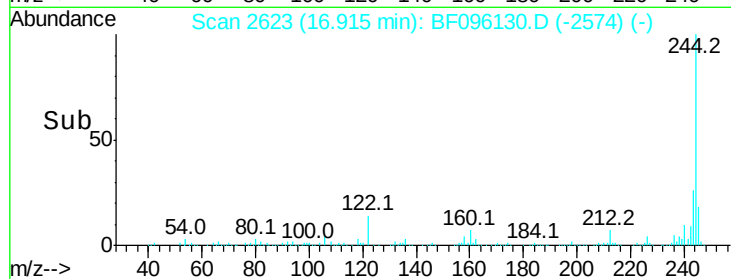
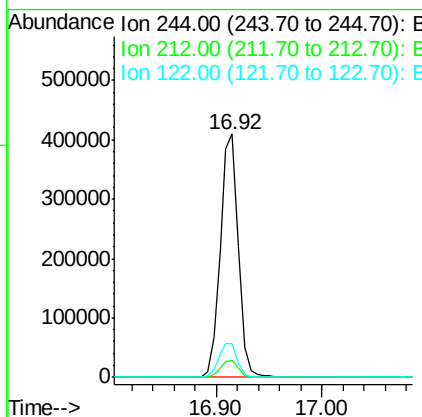
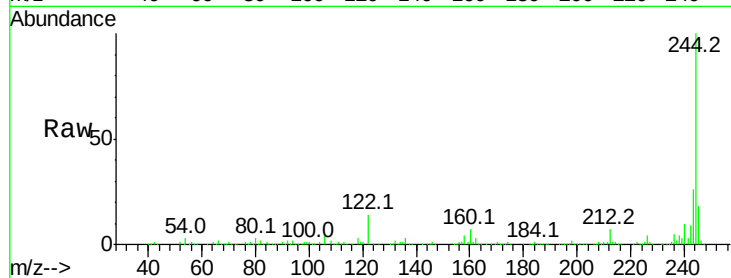




#78
 Terphenyl-d14
 Concen: 65.34 ng
 RT: 16.92 min Scan# 2623
 Delta R.T. -0.01 min
 Lab File: BF096130.D
 Acq: 22 Jun 2017 19:32

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 488935
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.0 9.0
 122 13.8 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 19.94 min Scan# 3138
 Delta R.T. 0.01 min
 Lab File: BF096130.D
 Acq: 22 Jun 2017 19:32

Tgt Ion:264 Resp: 155144
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.5 29.3
 265 22.2 17.2 25.8

