

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060817\
 Data File : BF095777.D
 Acq On : 8 Jun 2017 11:48
 Operator : SJ/MA
 Sample : PB99561BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 08 12:56:43 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 08 11:19:45 2017
 Response via : Initial Calibration

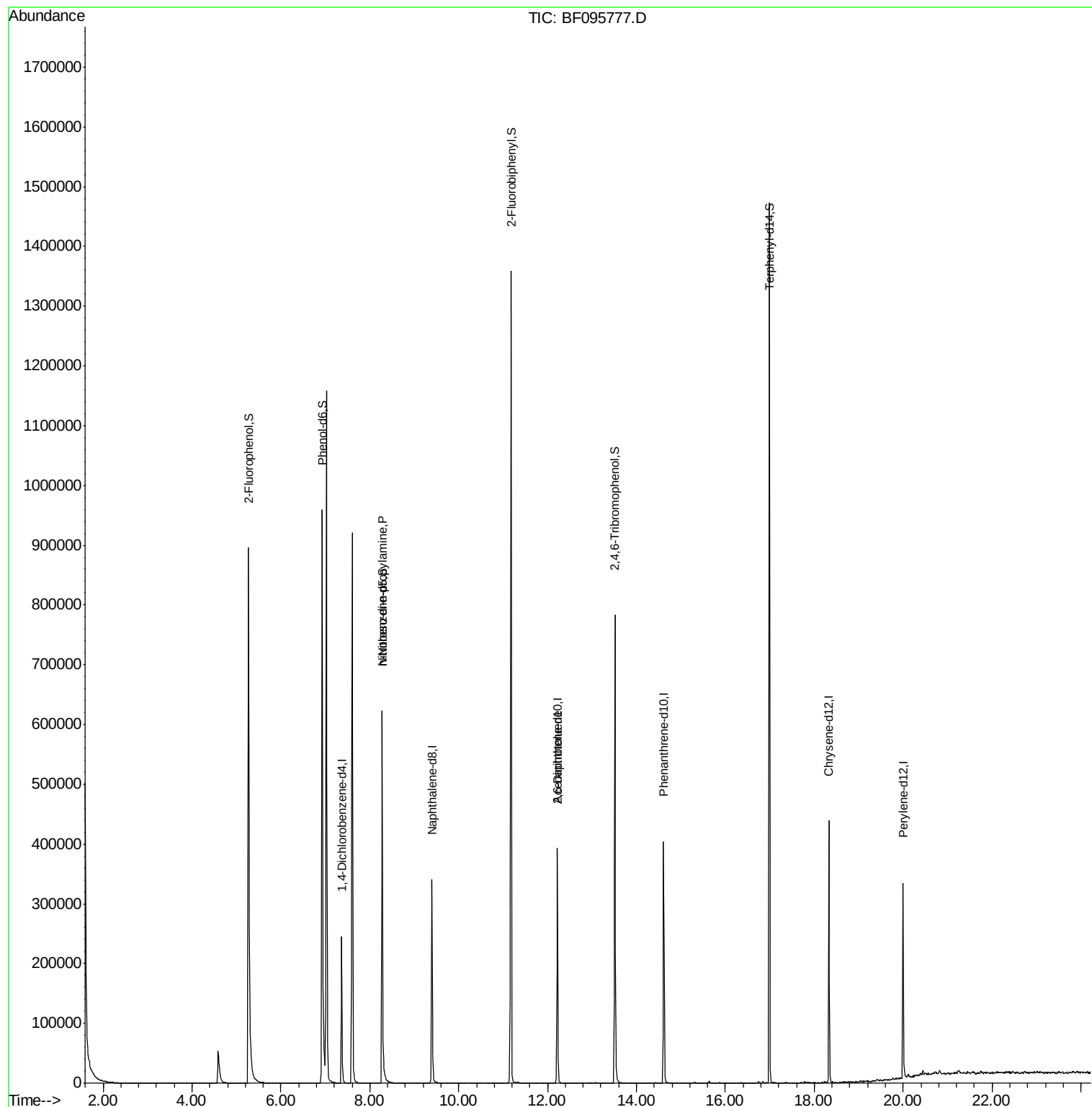
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.37	152	60598	20.00	ng	0.00
21) Naphthalene-d8	9.40	136	253907	20.00	ng	0.00
38) Acenaphthene-d10	12.22	164	121045	20.00	ng	0.00
63) Phenanthrene-d10	14.62	188	228039	20.00	ng	0.00
75) Chrysene-d12	18.33	240	195636	20.00	ng	-0.01
86) Perylene-d12	20.00	264	146842	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	485206	127.59	ng	0.01
7) Phenol-d6	6.93	99	579408	127.27	ng	0.00
23) Nitrobenzene-d5	8.28	82	335804	82.14	ng	-0.01
41) 2,4,6-Tribromophenol	13.52	330	133349	124.51	ng	-0.01
44) 2-Fluorobiphenyl	11.18	172	693158	79.69	ng	0.00
78) Terphenyl-d14	16.99	244	631975	80.17	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	8.28	70	41639	14.43	ng	# 75
50) 2,6-Dinitrotoluene	12.22	165	15133	7.55	ng	# 31

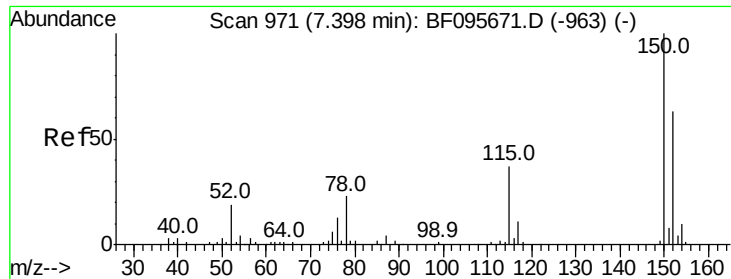
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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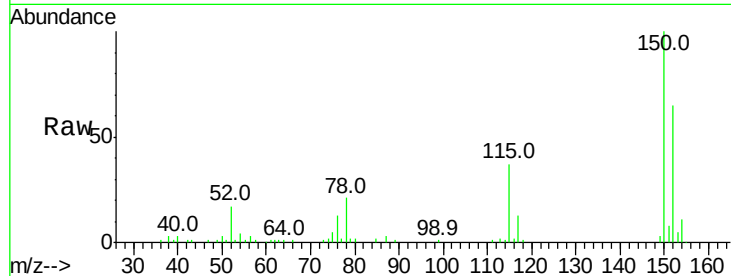


#1

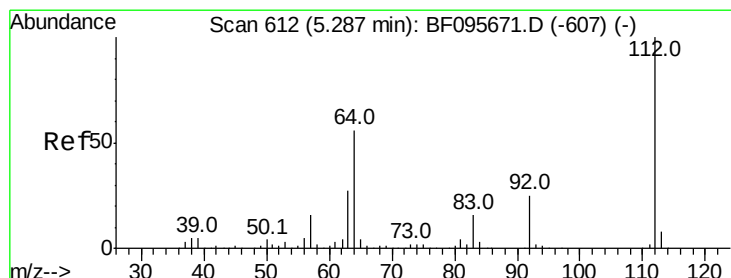
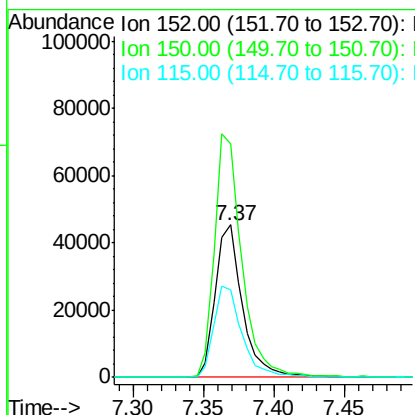
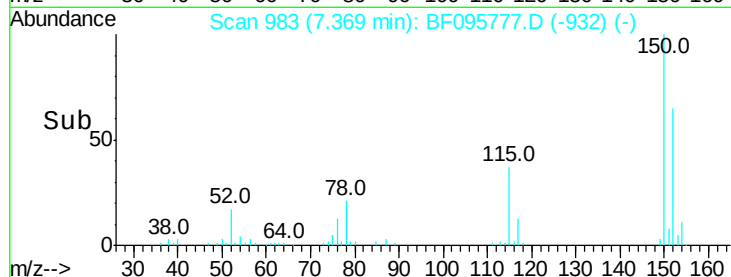
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.37 min Scan# 983
Delta R.T. 0.00 min
Lab File: BF095777.D
Acq: 8 Jun 2017 11:48

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 60598
Ion Ratio Lower Upper
152 100
150 153.3 126.2 189.2
115 57.5 52.2 78.2



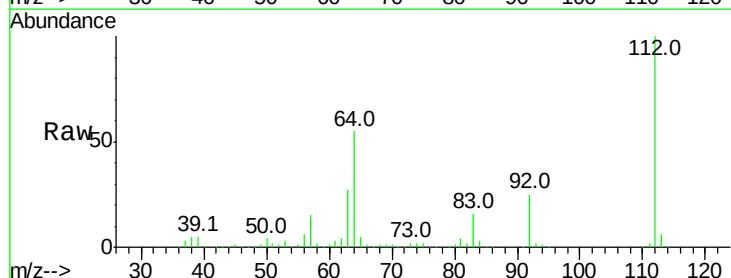
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



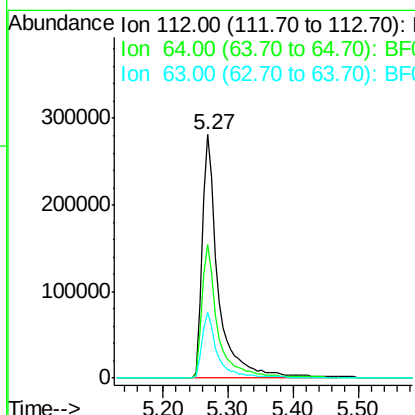
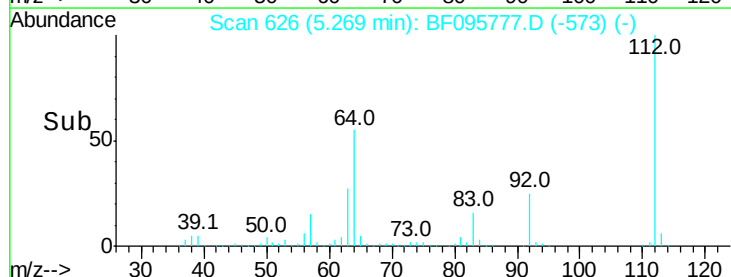
#5

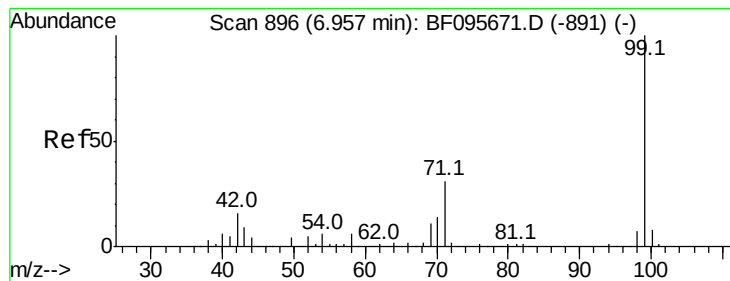
2-Fluorophenol
Concen: 127.59 ng
RT: 5.27 min Scan# 626
Delta R.T. 0.01 min
Lab File: BF095777.D
Acq: 8 Jun 2017 11:48

Tgt Ion:112 Resp: 485206
Ion Ratio Lower Upper
112 100
64 55.1 46.0 69.0
63 26.7 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: 127.27 ng

RT: 6.93 min Scan# 908

Delta R.T. -0.01 min

Lab File: BF095777.D

Acq: 8 Jun 2017 11:48

Instrument :

BNA_F

ClientSampleId :

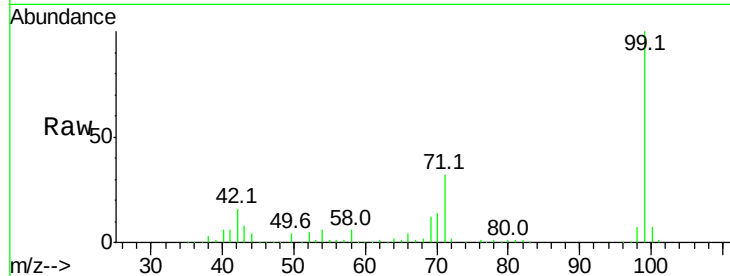
Tot Ion: 99 Resp: 579408

Ion Ratio Lower Upper

99 100

42 16.0 13.5 20.3

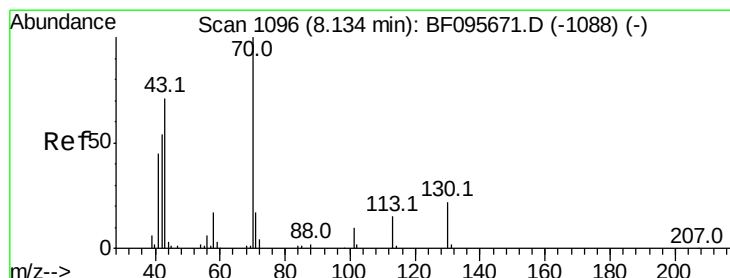
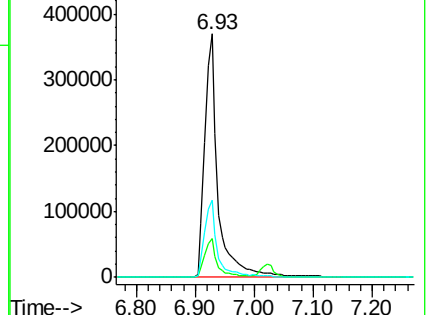
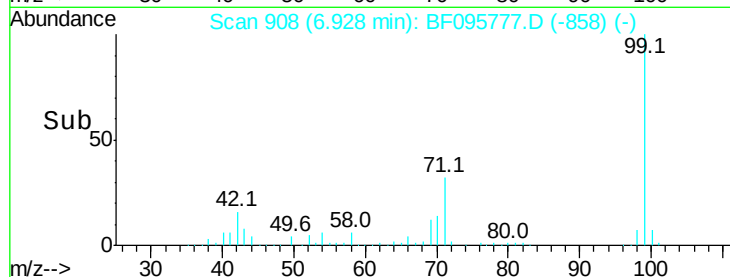
71 31.8 24.5 36.7



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: 14.43 ng

RT: 8.28 min Scan# 1138

Delta R.T. 0.18 min

Lab File: BF095777.D

Acq: 8 Jun 2017 11:48

Tgt Ion: 70 Resp: 41639

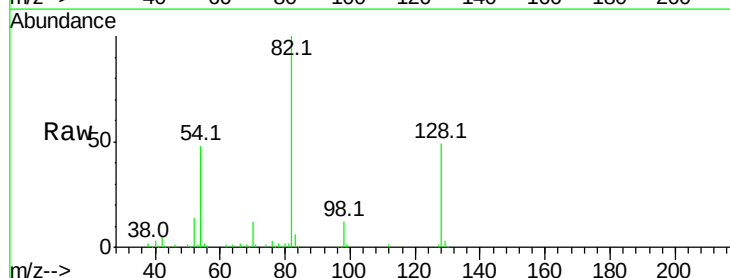
Ion Ratio Lower Upper

70 100

42 43.7 47.2 70.8#

101 0.0 7.2 10.8#

130 2.8 15.9 23.9#

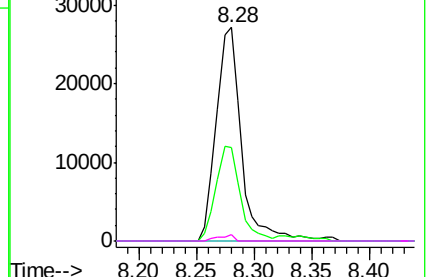
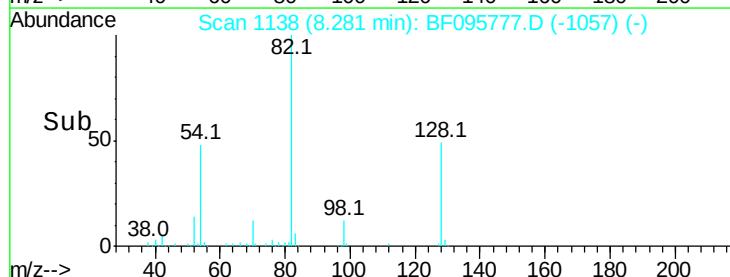


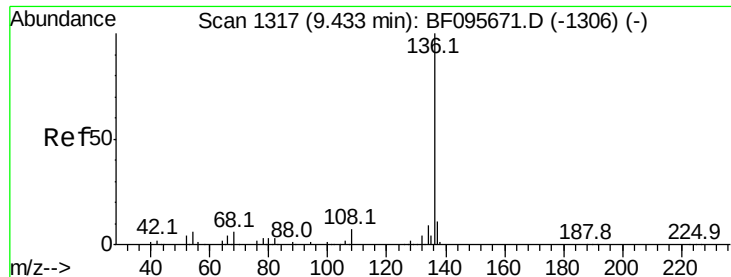
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 9.40 min Scan# 1328

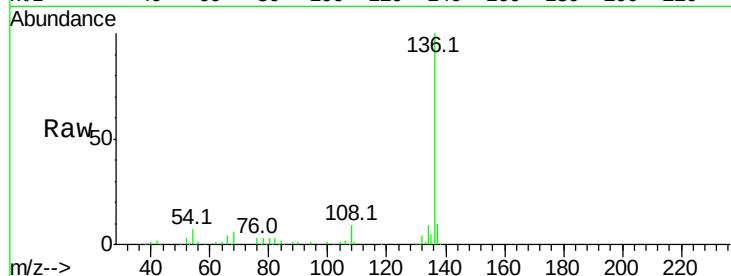
Delta R.T. -0.01 min

Lab File: BF095777.D

Acq: 8 Jun 2017 11:48

Instrument :
BNA_F
ClientSampled :

Tot Ion:136	Resp:	253907
Ion	Ratio	Lower Upper
136	100	
137	10.5	8.5 12.7
54	6.5	4.9 7.3
68	5.9	4.1 6.1

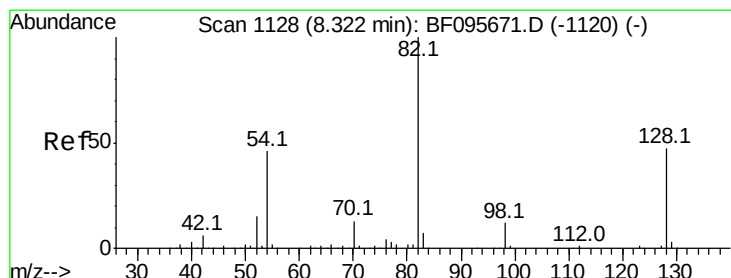
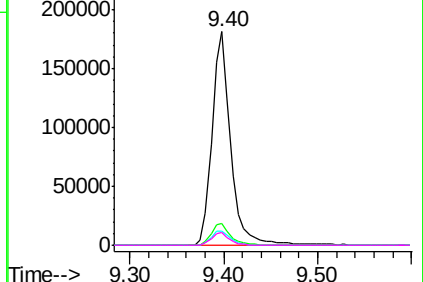
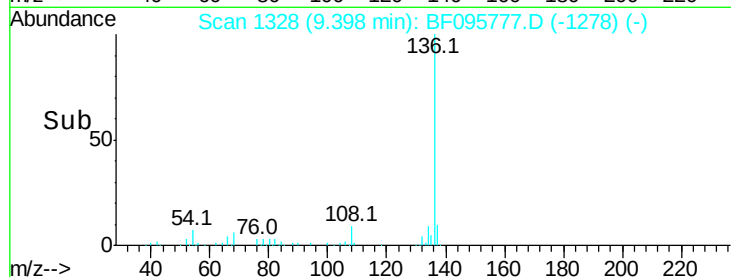


Abundance Ion 136.00 (135.70 to 136.70): E

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: 82.14 ng

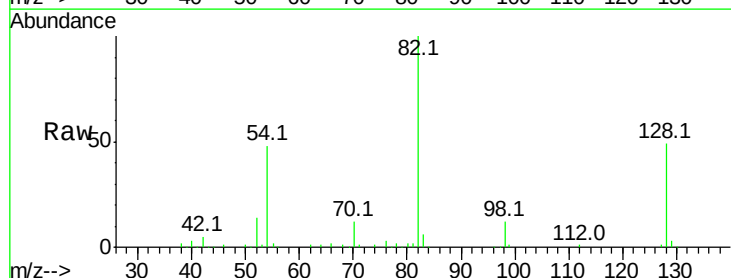
RT: 8.28 min Scan# 1138

Delta R.T. -0.01 min

Lab File: BF095777.D

Acq: 8 Jun 2017 11:48

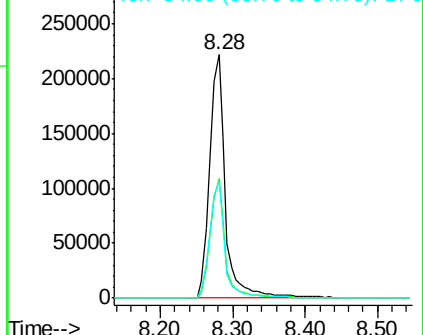
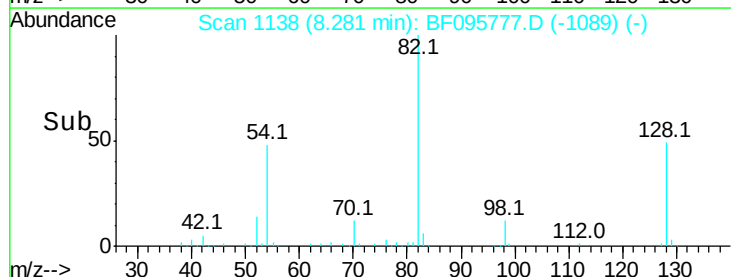
Tgt Ion: 82	Resp:	335804
Ion	Ratio	Lower Upper
82	100	
128	48.9	34.0 51.0
54	47.8	42.2 63.2

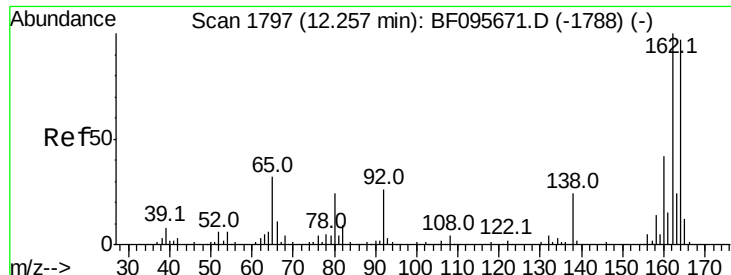


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: 12.22 min Scan# 1808

Delta R.T. -0.01 min

Lab File: BF095777.D

Acq: 8 Jun 2017 11:48

Instrument :

BNA_F

ClientSampleId :

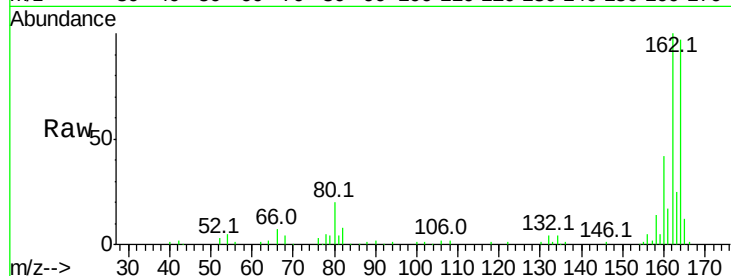
Tot Ion:164 Resp: 121045

Ion Ratio Lower Upper

164 100

162 103.1 82.6 123.8

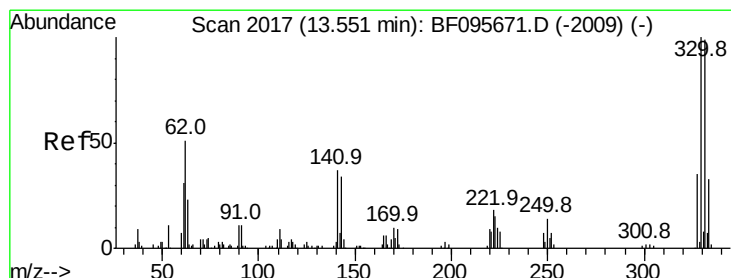
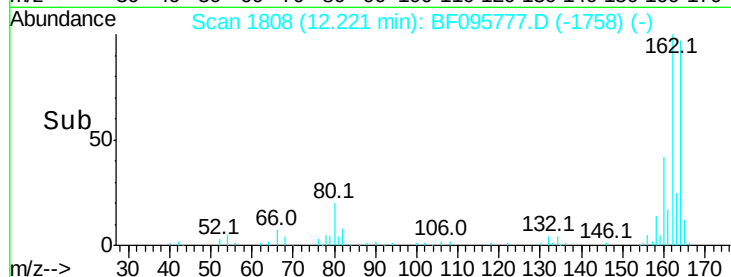
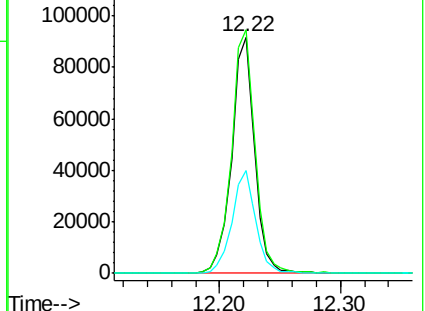
160 43.5 36.2 54.2



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: 124.51 ng

RT: 13.52 min Scan# 2028

Delta R.T. -0.01 min

Lab File: BF095777.D

Acq: 8 Jun 2017 11:48

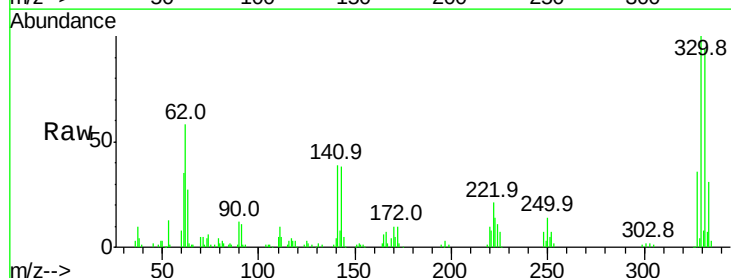
Tgt Ion:330 Resp: 133349

Ion Ratio Lower Upper

330 100

332 96.0 76.6 115.0

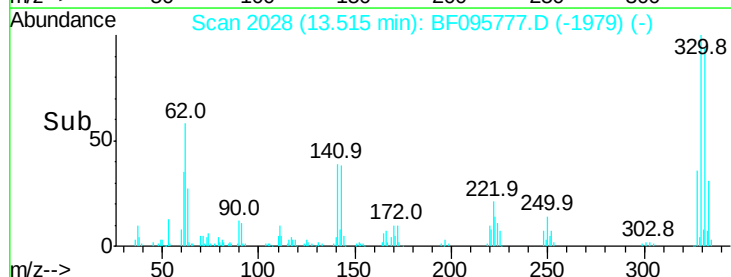
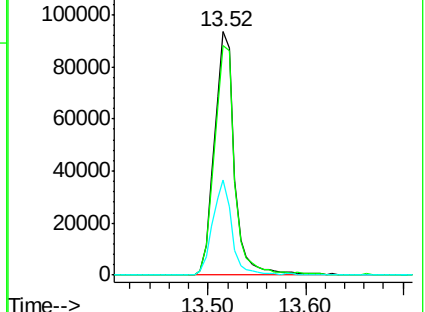
141 37.6 31.4 47.2

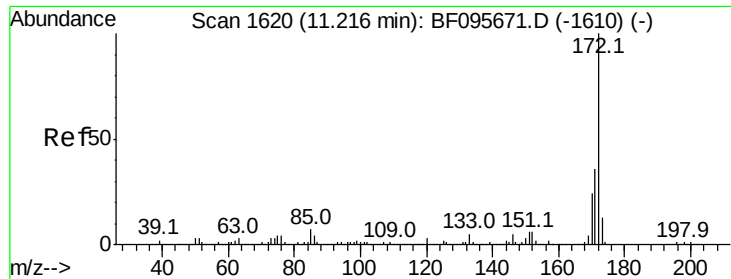


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

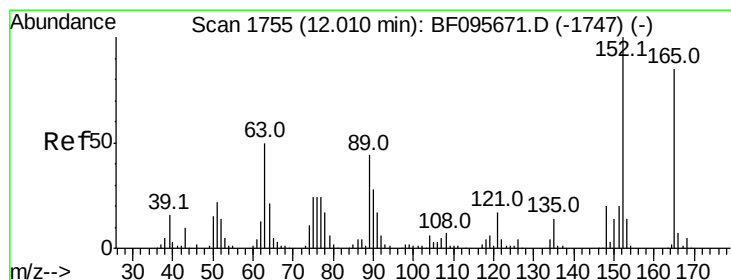
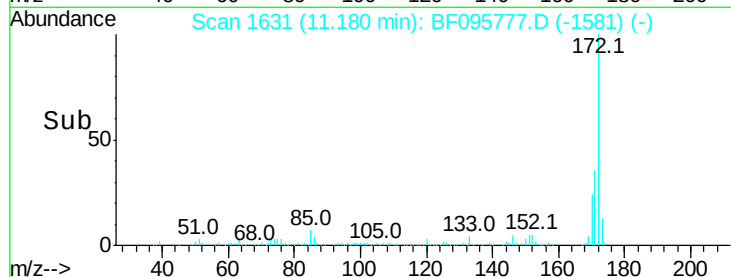
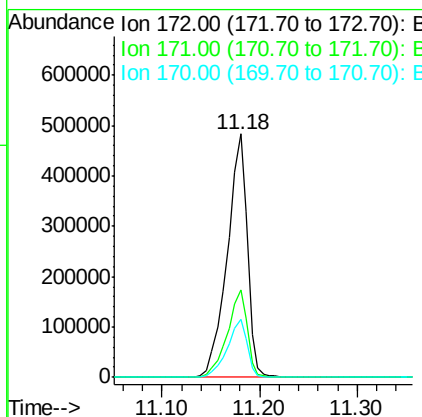
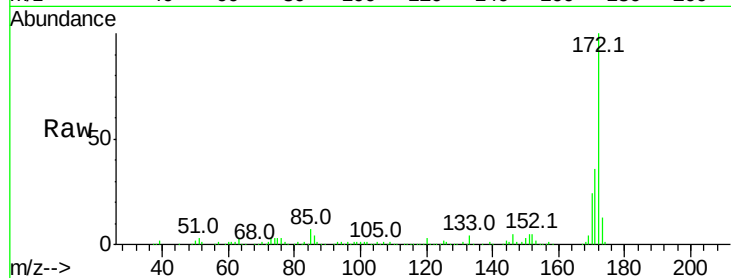




#44
2-Fluorobiphenyl
Concen: 79.69 ng
RT: 11.18 min Scan# 1631
Delta R.T. -0.01 min
Lab File: BF095777.D
Acq: 8 Jun 2017 11:48

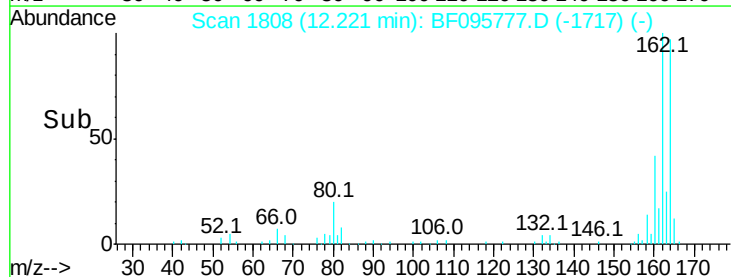
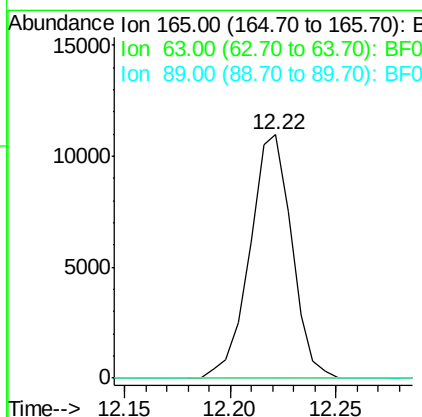
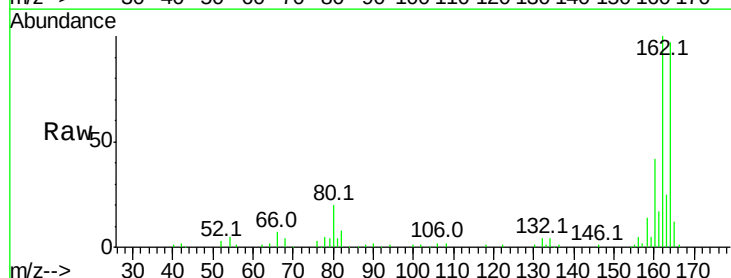
Instrument :
BNA_F
ClientSampleId :

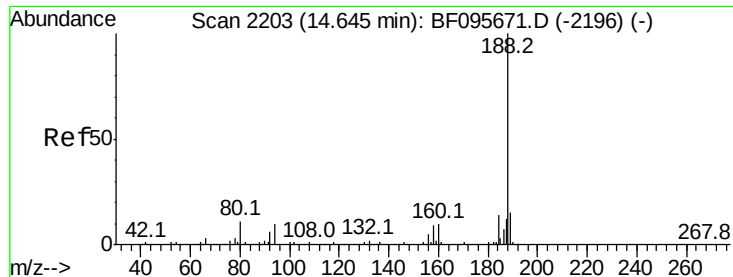
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.6	44.4
170	24.0	19.8	29.8



#50
2,6-Dinitrotoluene
Concen: 7.55 ng
RT: 12.22 min Scan# 1808
Delta R.T. 0.24 min
Lab File: BF095777.D
Acq: 8 Jun 2017 11:48

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	34.3	51.5#
89	0.0	37.1	55.7#

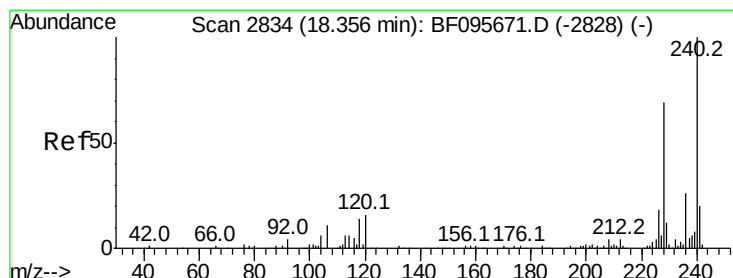
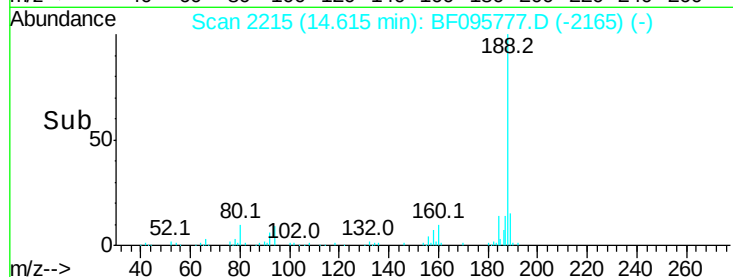
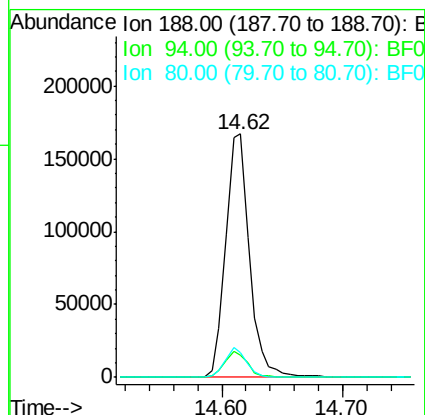
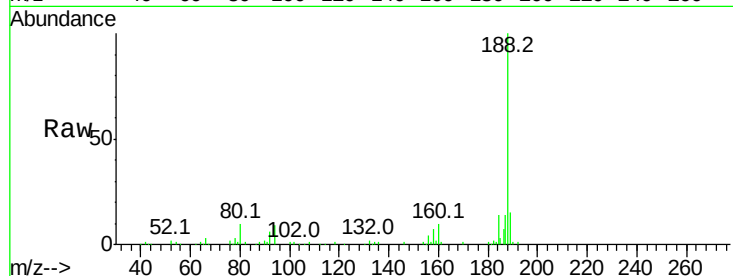




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.62 min Scan# 2215
Delta R.T. -0.01 min
Lab File: BF095777.D
Acq: 8 Jun 2017 11:48

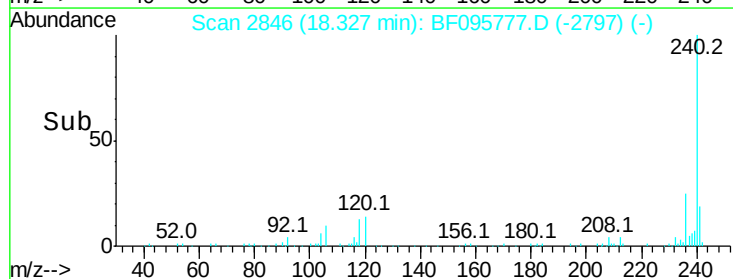
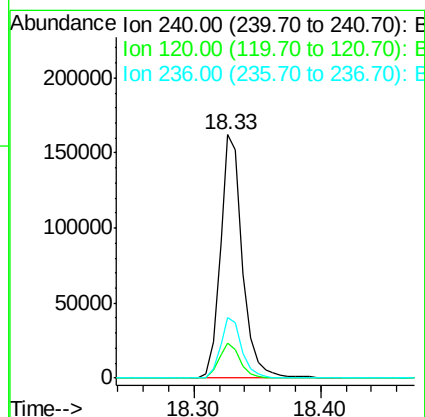
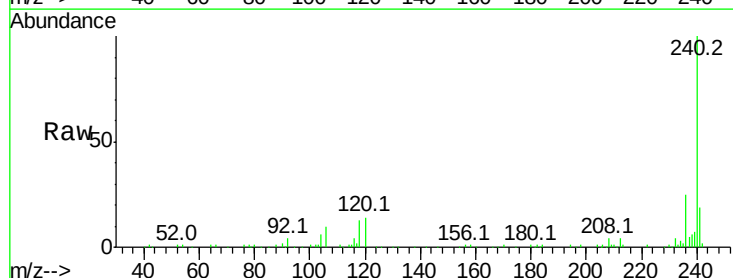
Instrument :
BNA_F
ClientSampleId :

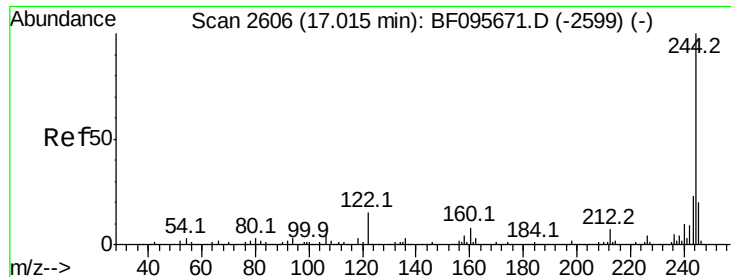
Tot Ion:188 Resp: 228039
Ion Ratio Lower Upper
188 100
94 9.4 9.4 14.2#
80 10.3 10.2 15.2



#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.33 min Scan# 2846
Delta R.T. -0.01 min
Lab File: BF095777.D
Acq: 8 Jun 2017 11:48

Tgt Ion:240 Resp: 195636
Ion Ratio Lower Upper
240 100
120 14.5 5.8 8.8#
236 25.0 20.5 30.7

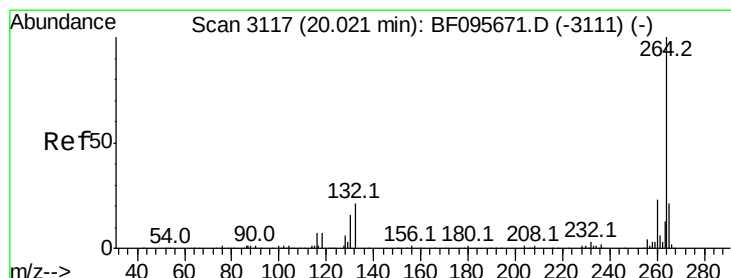
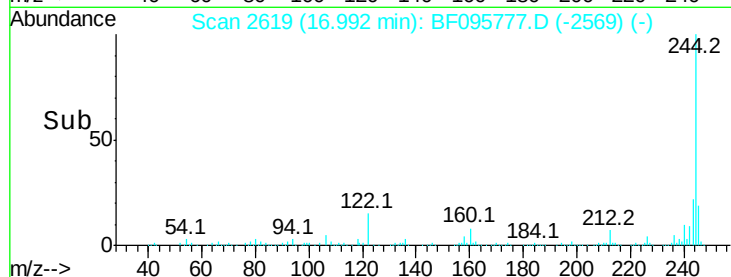
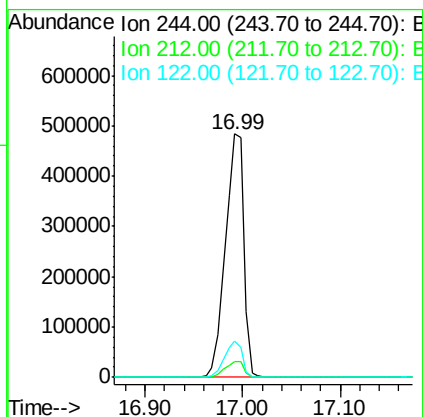
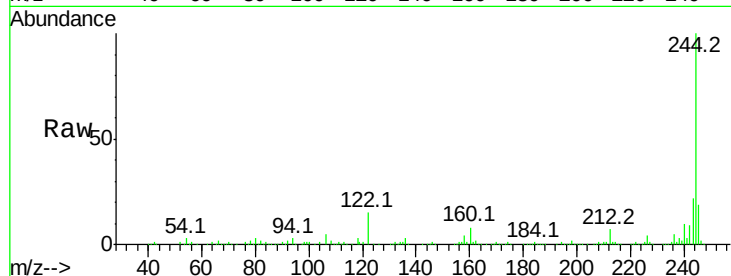




#78
 Terphenyl-d14
 Concen: 80.17 ng
 RT: 16.99 min Scan# 2619
 Delta R.T. -0.01 min
 Lab File: BF095777.D
 Acq: 8 Jun 2017 11:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 631975
 Ion Ratio Lower Upper
 244 100
 212 6.7 6.0 9.0
 122 15.0 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.00 min Scan# 3130
 Delta R.T. 0.00 min
 Lab File: BF095777.D
 Acq: 8 Jun 2017 11:48

Tgt Ion:264 Resp: 146842
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.5 29.3
 265 20.8 17.2 25.8

