

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071818\
 Data File : BF107502.D
 Acq On : 19 Jul 2018 8:28
 Operator : JU/SJ
 Sample : J4033-03
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 071618-DBRI-F-D-B

Quant Time: Jul 19 09:09:46 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 18 11:55:34 2018
 Response via : Initial Calibration

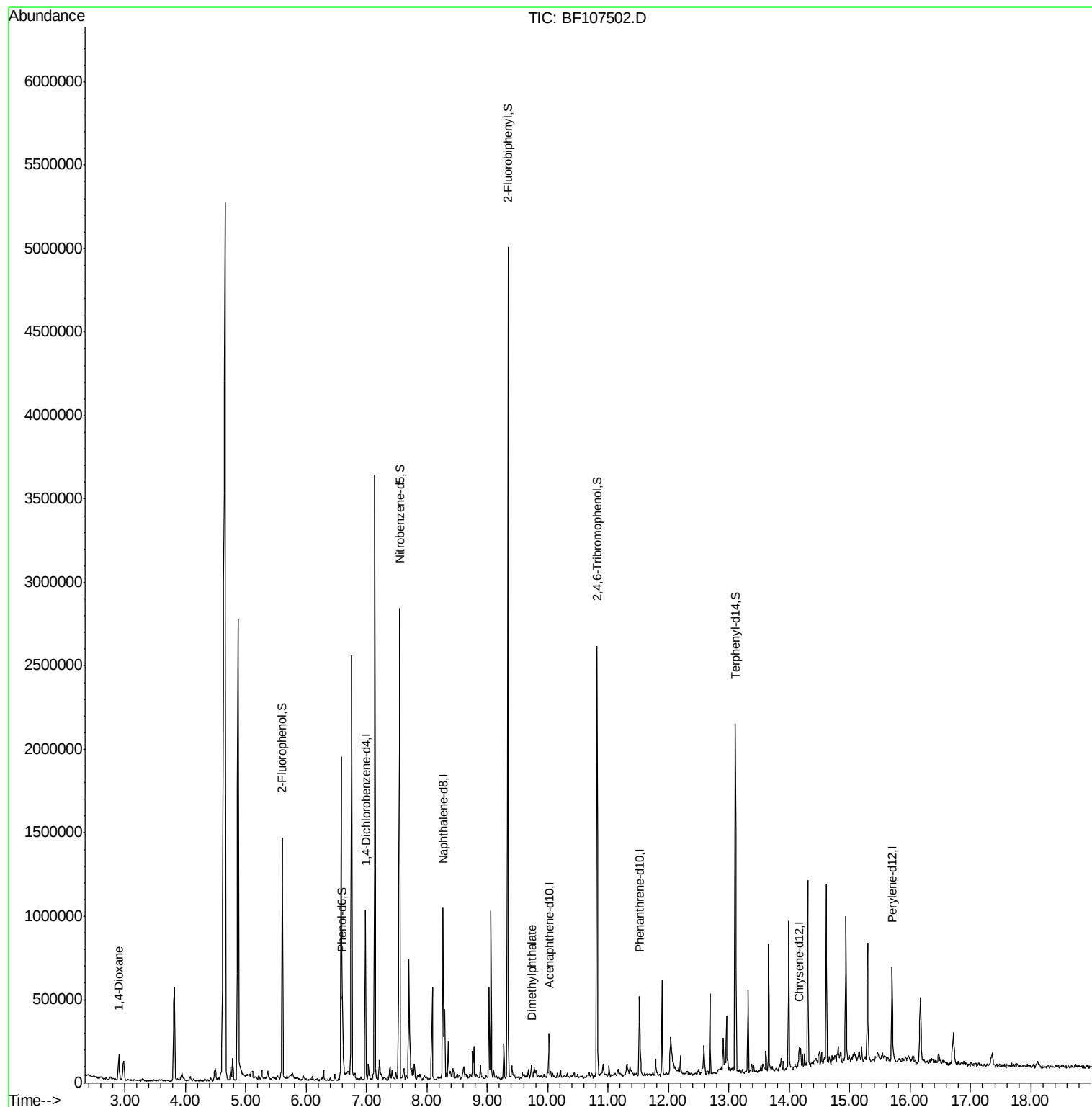
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	113060	20.00	ng	0.00
21) Naphthalene-d8	8.27	136	306455	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	23979	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	83877	20.00	ng	0.00
75) Chrysene-d12	14.17	240	12335	20.00	ng	-0.01
86) Perylene-d12	15.71	264	280	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	312713	42.01	ng	0.00
7) Phenol-d6	6.60	99	41484	4.31	ng	-0.01
23) Nitrobenzene-d5	7.55	82	982483	170.96	ng	0.00
41) 2,4,6-Tribromophenol	10.82	330	221586	1051.75	ng	-0.01
44) 2-Fluorobiphenyl	9.34	172	1497752	1181.23	ng	0.00
78) Terphenyl-d14	13.10	244	298535	601.32	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	2.90	88	74798	20.352	ng	# 89
49) Dimethylphthalate	9.73	163	22890	12.014	ng	# 94

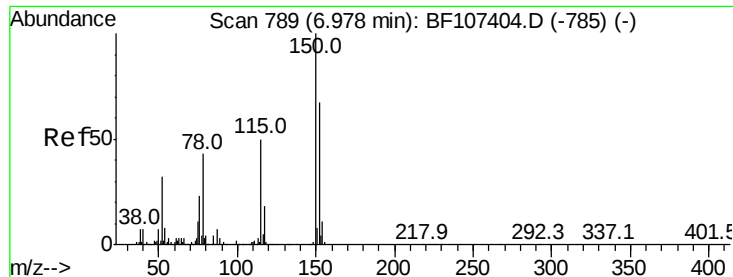
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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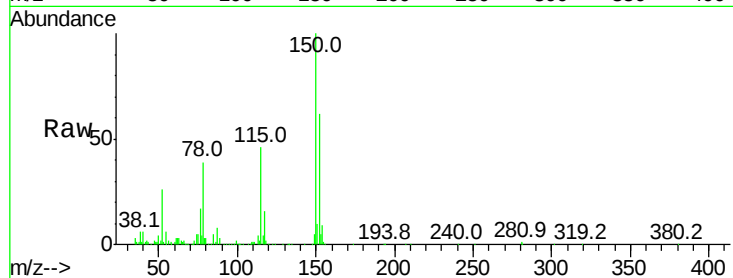


#1

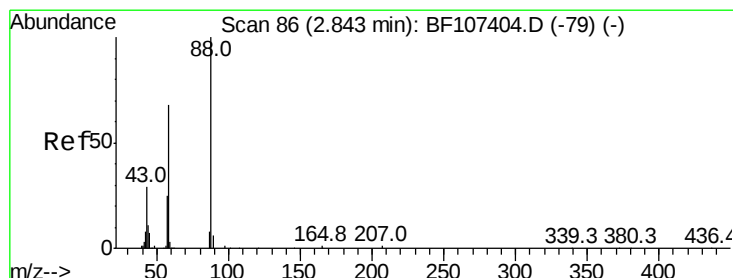
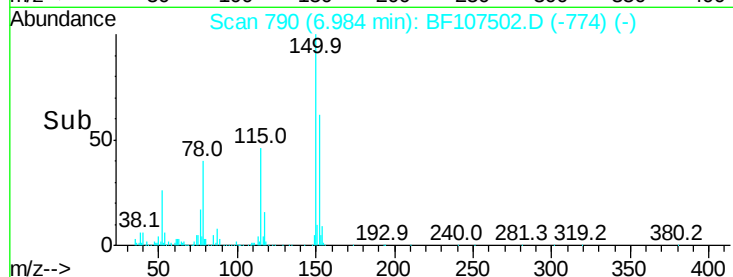
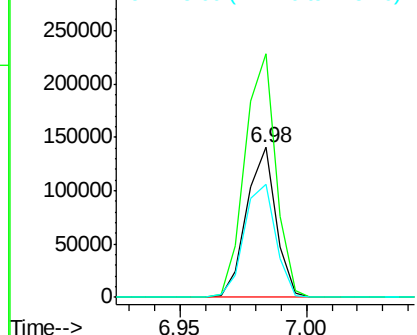
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.98 min Scan# 790
Delta R.T. -0.01 min
Lab File: BF107502.D
Acq: 19 Jul 2018 8:28

Instrument :
BNA_F
ClientSampleId :
071618-DBRI-F-D-B

Tot Ion	Ratio	Lower	Upper
152	100		
150	162.5	124.6	186.8
115	75.2	50.1	75.1#



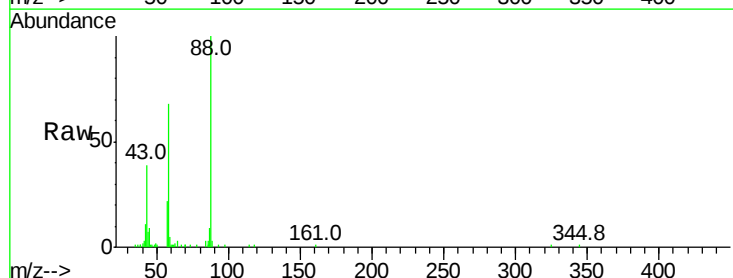
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



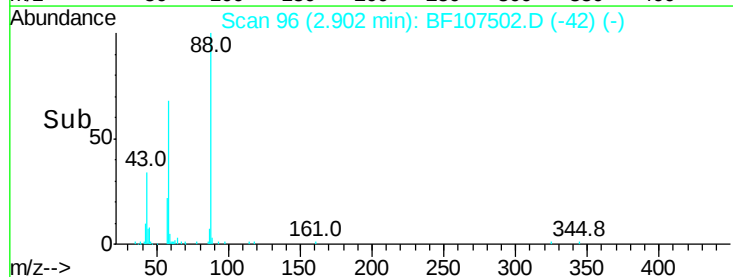
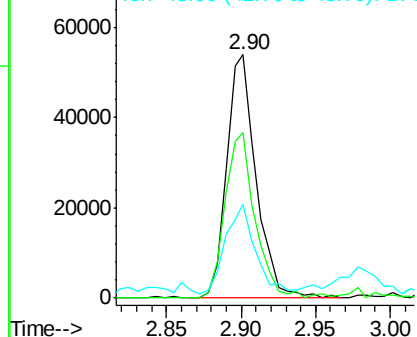
#2

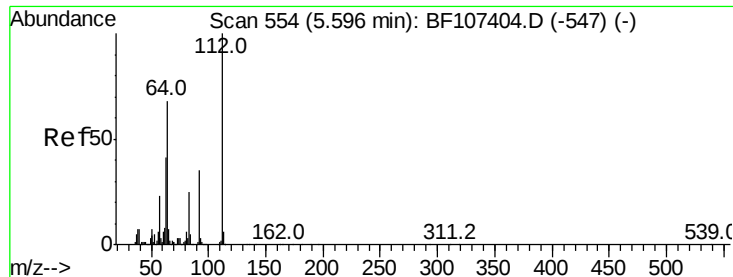
1,4-Dioxane
Concen: 20.352 ng
RT: 2.90 min Scan# 96
Delta R.T. 0.02 min
Lab File: BF107502.D
Acq: 19 Jul 2018 8:28

Tgt Ion	Ratio	Lower	Upper
88	100		
58	68.9	62.6	93.8
43	37.5	24.6	37.0#



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#5

2-Fluorophenol

Concen: 42.007 ng

RT: 5.61 min Scan# 556

Delta R.T. -0.01 min

Lab File: BF107502.D

Acq: 19 Jul 2018 8:28

Instrument :

BNA_F

ClientSampleId :

071618-DBRI-F-D-B

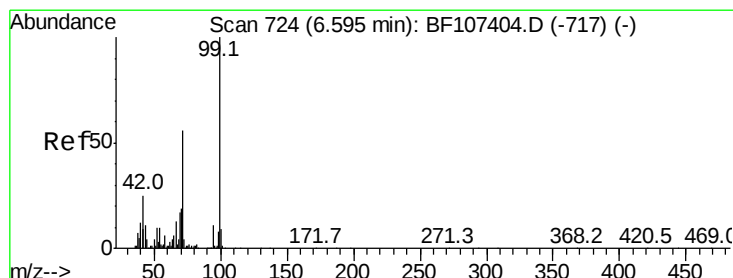
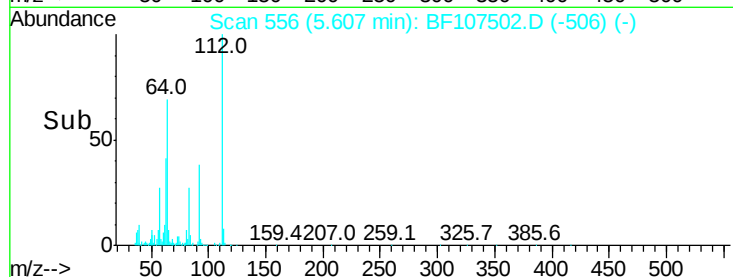
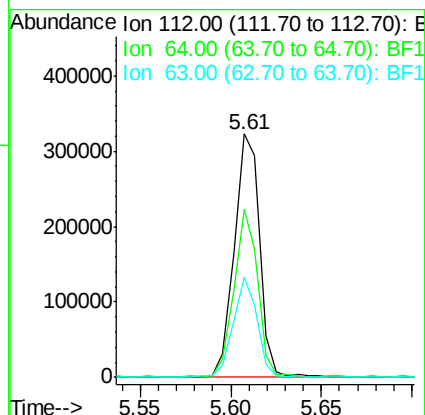
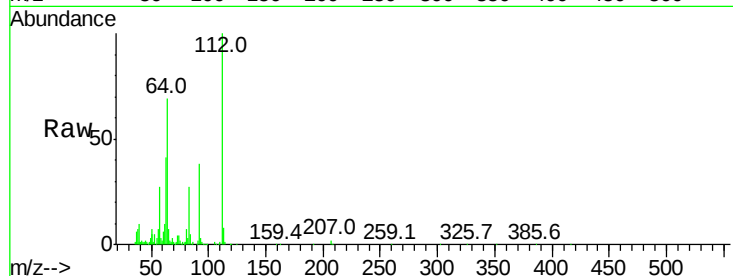
Tot Ion:112 Resp: 312713

Ion Ratio Lower Upper

112 100

64 68.9 47.9 71.9

63 41.3 23.7 35.5#



#7

Phenol-d6

Concen: 4.310 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF107502.D

Acq: 19 Jul 2018 8:28

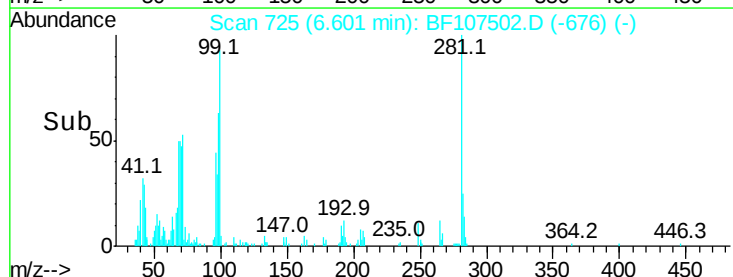
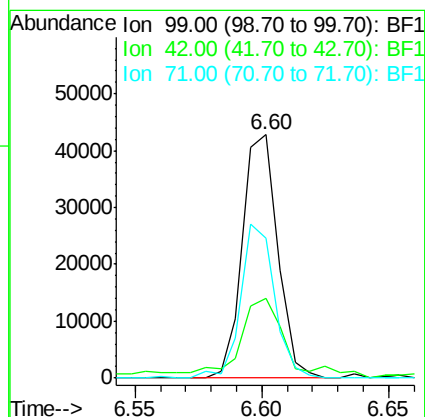
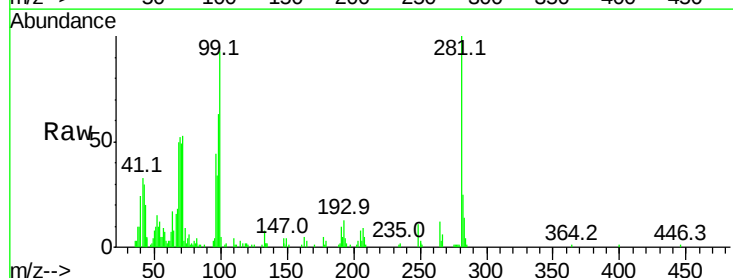
Tgt Ion: 99 Resp: 41484

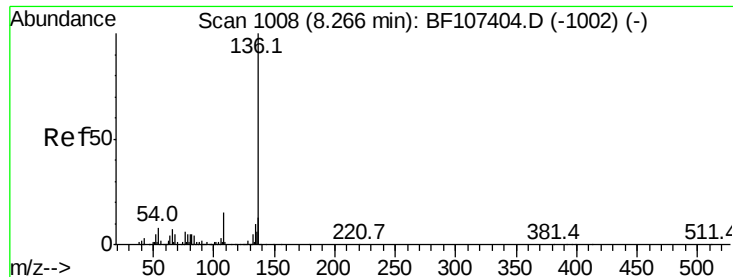
Ion Ratio Lower Upper

99 100

42 32.7 14.5 21.7#

71 57.7 25.4 38.0#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.27 min Scan# 1008

Delta R.T. -0.01 min

Lab File: BF107502.D

Acq: 19 Jul 2018 8:28

Instrument :

BNA_F

ClientSampleId :

071618-DBRI-F-D-B

Tot Ion:136 Resp: 306455

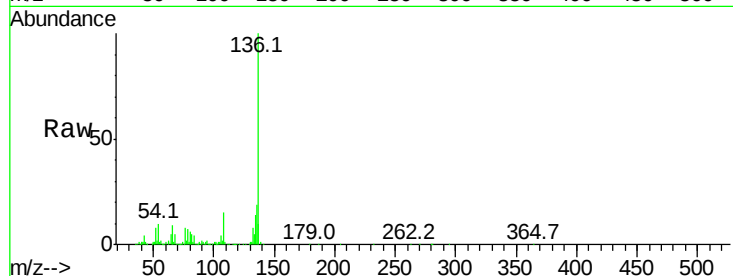
Ion Ratio Lower Upper

136 100

137 9.6 8.9 13.3

54 10.1 6.6 9.8#

68 4.8 5.0 7.4#

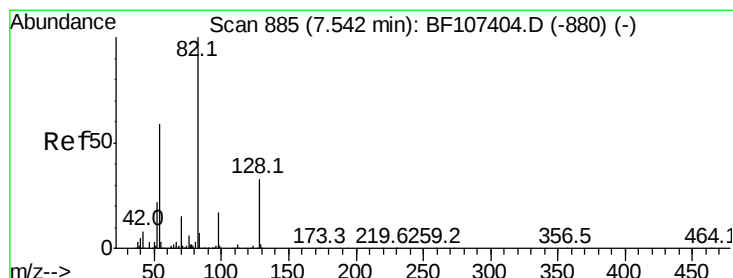
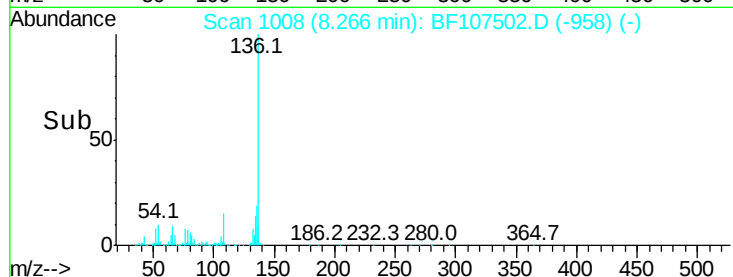
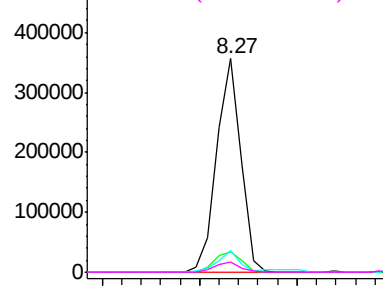


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#23

Nitrobenzene-d5

Concen: 170.955 ng

RT: 7.55 min Scan# 886

Delta R.T. -0.01 min

Lab File: BF107502.D

Acq: 19 Jul 2018 8:28

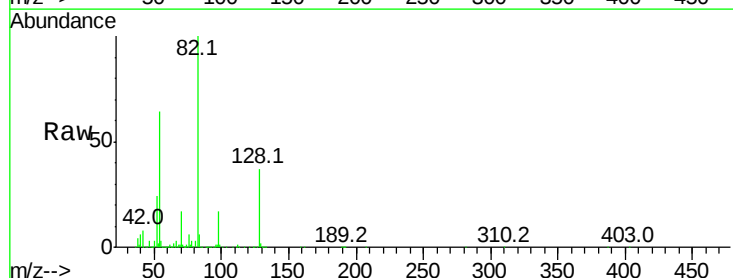
Tgt Ion: 82 Resp: 982483

Ion Ratio Lower Upper

82 100

128 37.1 36.1 54.1

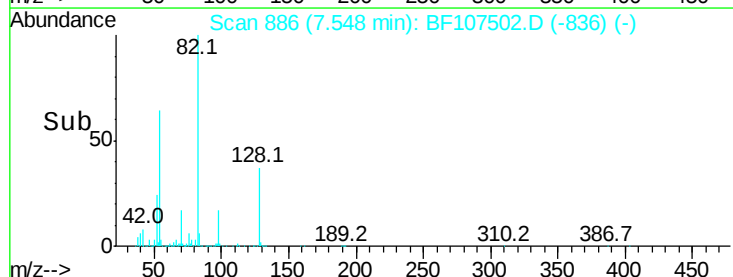
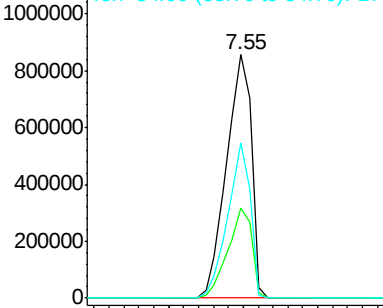
54 63.8 41.4 62.2#

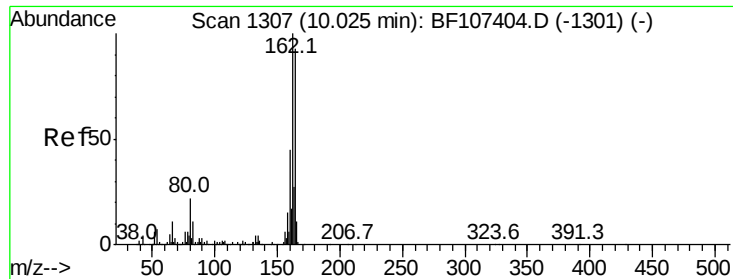


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.02 min Scan# 1307

Delta R.T. -0.01 min

Lab File: BF107502.D

Acq: 19 Jul 2018 8:28

Instrument :

BNA_F

ClientSampleId :

071618-DBRI-F-D-B

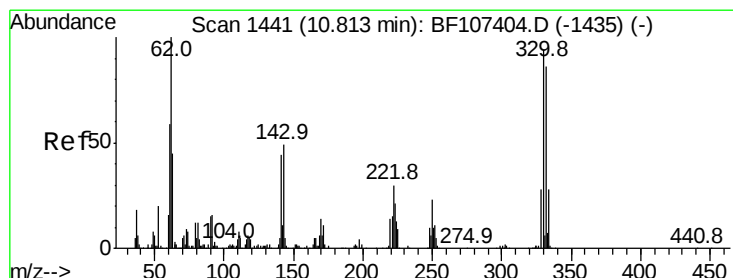
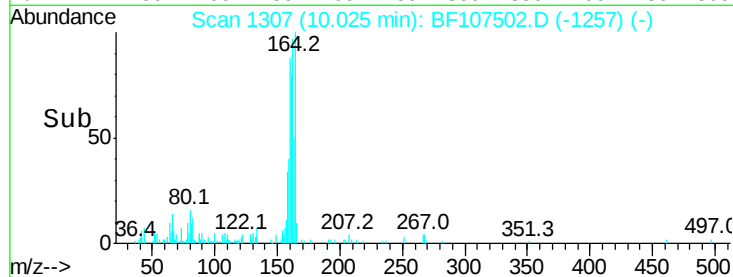
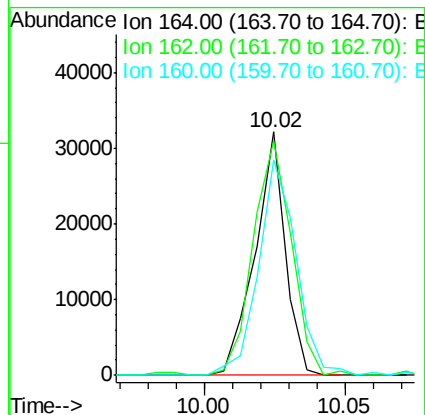
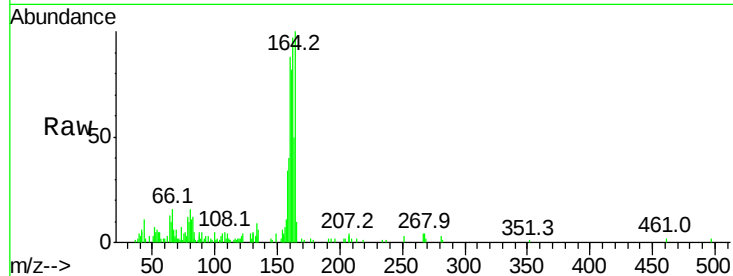
Tot Ion:164 Resp: 23979

Ion Ratio Lower Upper

164 100

162 96.5 86.1 129.1

160 88.3 38.3 57.5#



#41

2,4,6-Tribromophenol

Concen: 1051.747 ng

RT: 10.82 min Scan# 1442

Delta R.T. -0.01 min

Lab File: BF107502.D

Acq: 19 Jul 2018 8:28

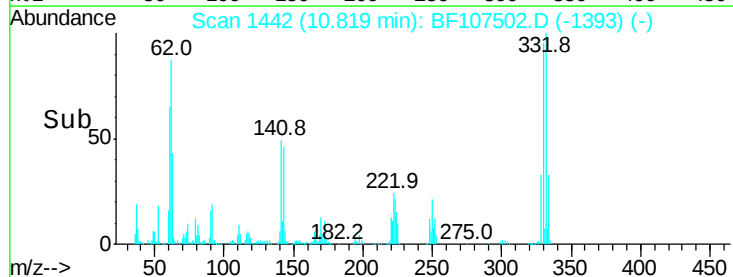
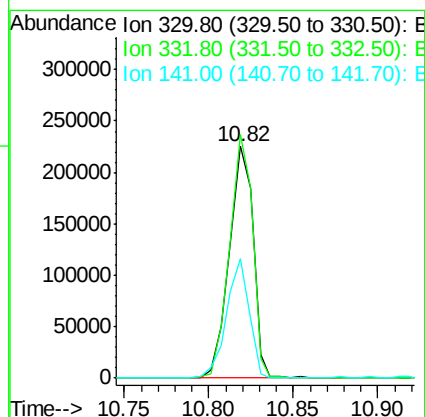
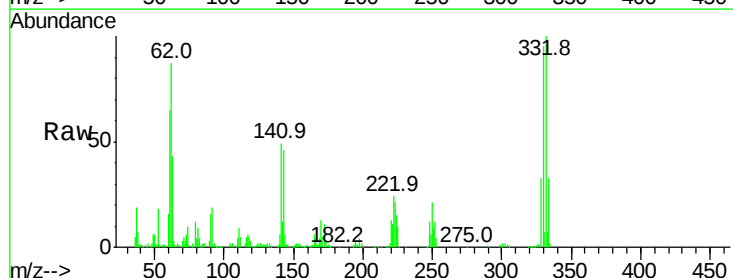
Tgt Ion:330 Resp: 221586

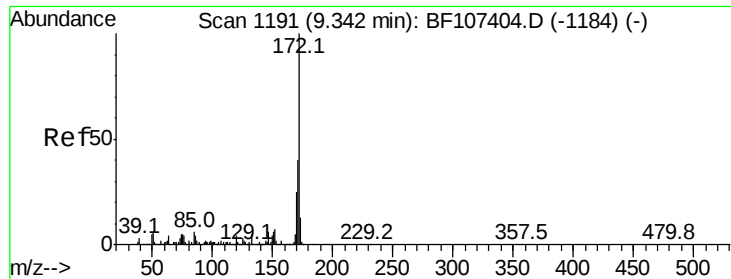
Ion Ratio Lower Upper

330 100

332 101.3 77.0 115.6

141 49.4 29.9 44.9#



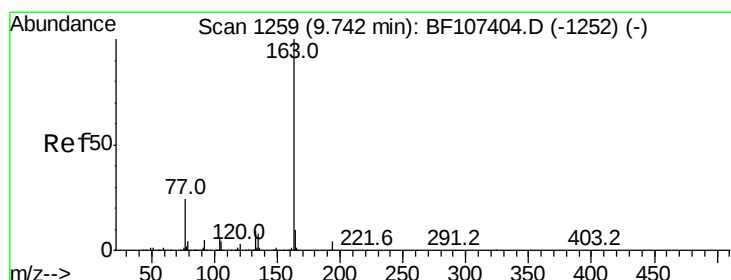
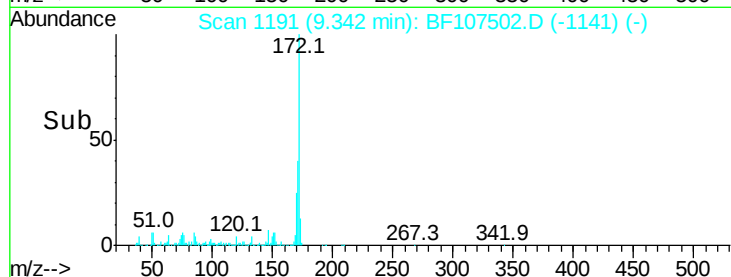
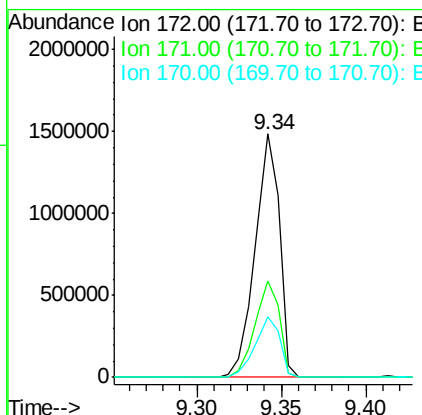
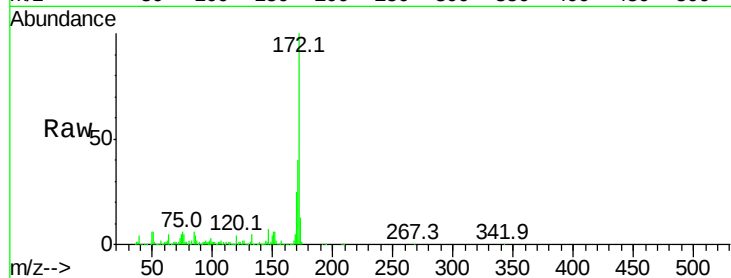


#44
2-Fluorobiphenyl
Concen: 1181.233 ng
RT: 9.34 min Scan# 1191
Delta R.T. -0.01 min
Lab File: BF107502.D
Acq: 19 Jul 2018 8:28

Instrument :
BNA_F
ClientSampleId :
071618-DBRI-F-D-B

Tot Ion:172 Resp: 1497752

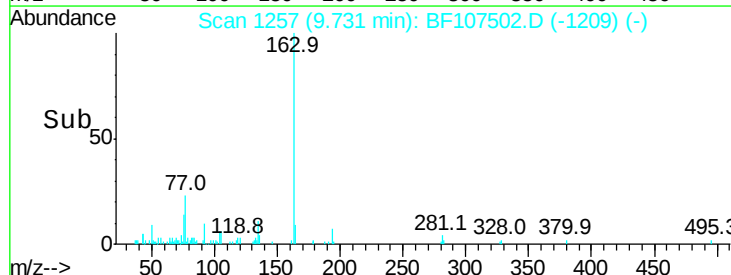
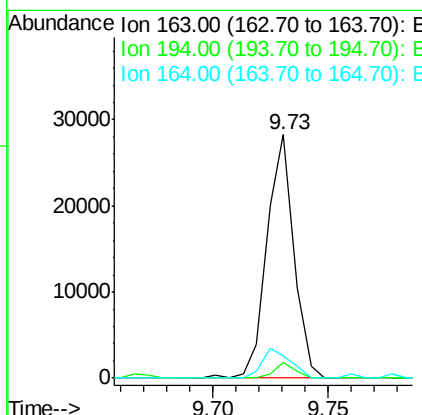
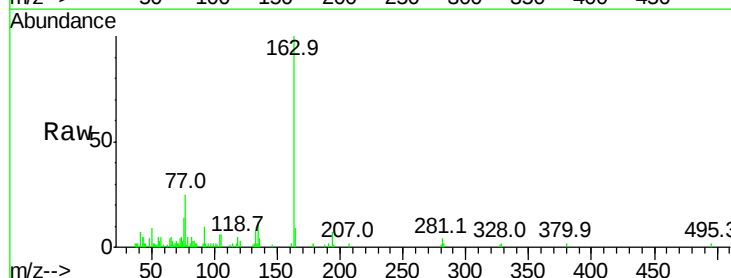
Ion	Ratio	Lower	Upper
172	100		
171	39.7	29.7	44.5
170	25.1	19.6	29.4

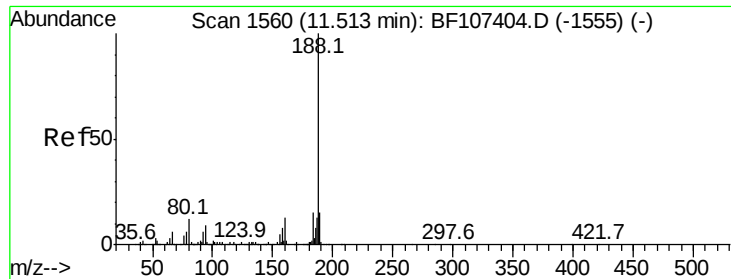


#49
Dimethylphthalate
Concen: 12.014 ng
RT: 9.73 min Scan# 1257
Delta R.T. -0.02 min
Lab File: BF107502.D
Acq: 19 Jul 2018 8:28

Tgt Ion:163 Resp: 22890

Ion	Ratio	Lower	Upper
163	100		
194	7.8	2.7	4.1#
164	8.9	8.2	12.2





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.52 min Scan# 1561

Delta R.T. -0.01 min

Lab File: BF107502.D

Acq: 19 Jul 2018 8:28

Instrument :

BNA_F

ClientSampleId :

071618-DBRI-F-D-B

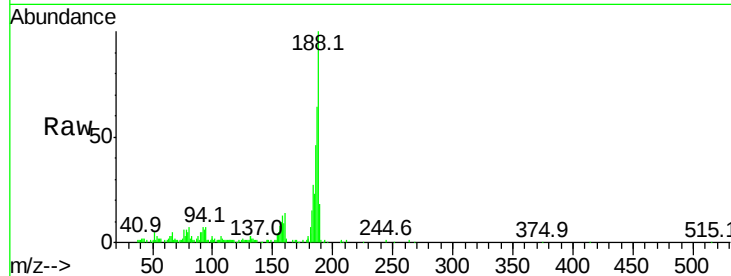
Tot Ion:188 Resp: 83877

Ion Ratio Lower Upper

188 100

94 7.1 8.5 12.7#

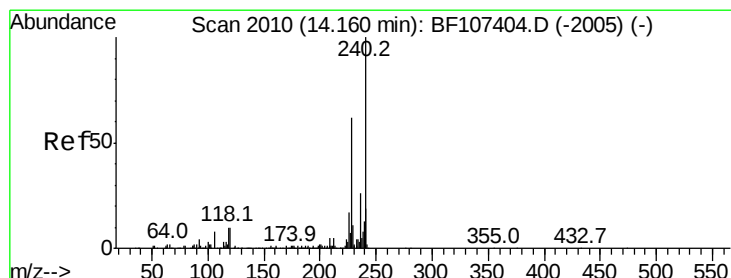
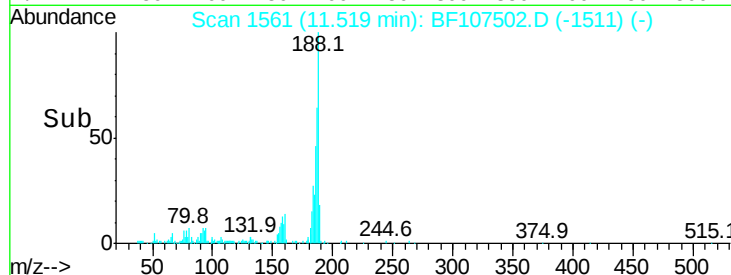
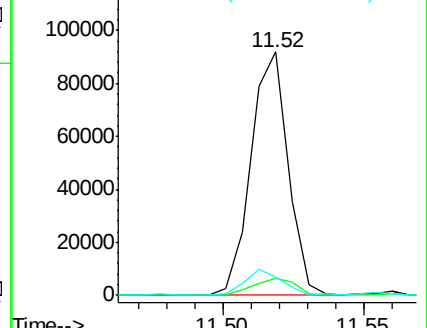
80 7.4 9.2 13.8#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.17 min Scan# 2011

Delta R.T. -0.01 min

Lab File: BF107502.D

Acq: 19 Jul 2018 8:28

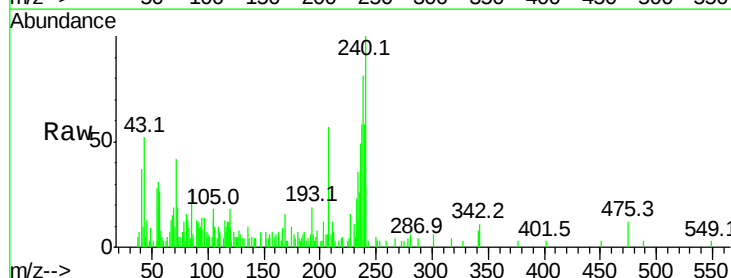
Tgt Ion:240 Resp: 12335

Ion Ratio Lower Upper

240 100

120 10.2 9.5 14.3

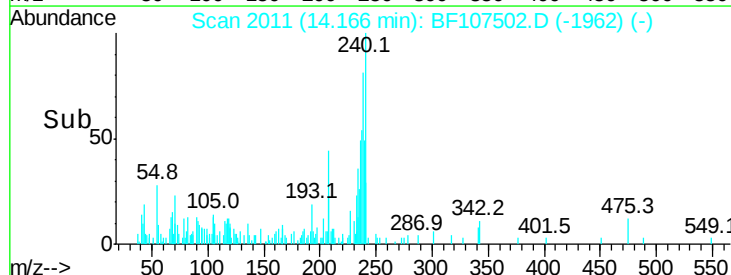
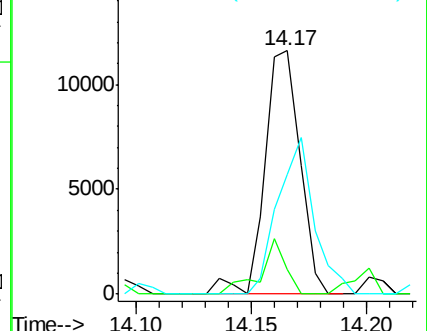
236 49.1 20.7 31.1#

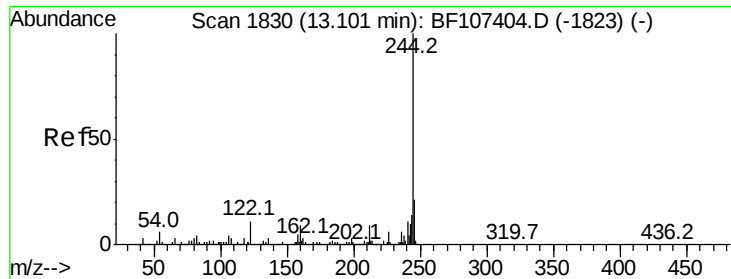


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 601.324 ng

RT: 13.10 min Scan# 1830

Delta R.T. -0.01 min

Lab File: BF107502.D

Acq: 19 Jul 2018 8:28

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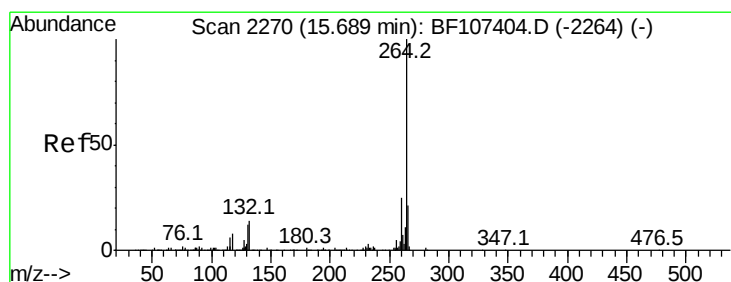
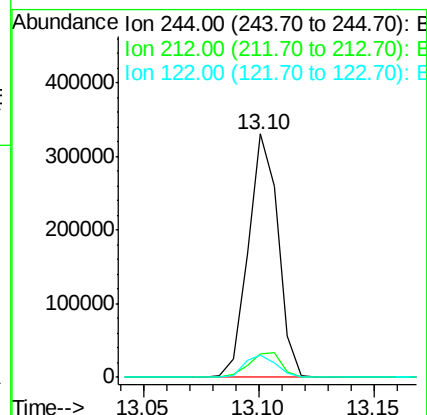
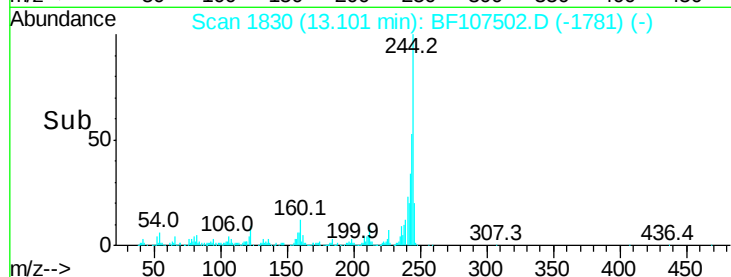
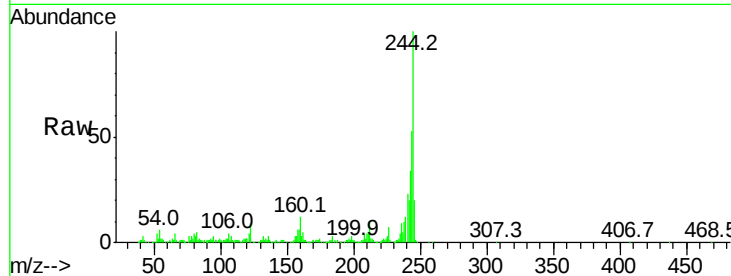
Tot Ion:244 Resp: 298535

Ion Ratio Lower Upper

244 100

212 9.6 5.4 8.0#

122 9.1 11.0 16.4#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.71 min Scan# 2273

Delta R.T. -0.01 min

Lab File: BF107502.D

Acq: 19 Jul 2018 8:28

Tgt Ion:264 Resp: 280

Ion Ratio Lower Upper

264 100

260 0.0 19.2 28.8#

265 0.0 17.5 26.3#

