

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071118\
 Data File : BF107317.D
 Acq On : 11 Jul 2018 22:53
 Operator : JU/SJ
 Sample : J3911-03
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VB21029

Quant Time: Jul 12 12:18:22 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 11 16:39:37 2018
 Response via : Initial Calibration

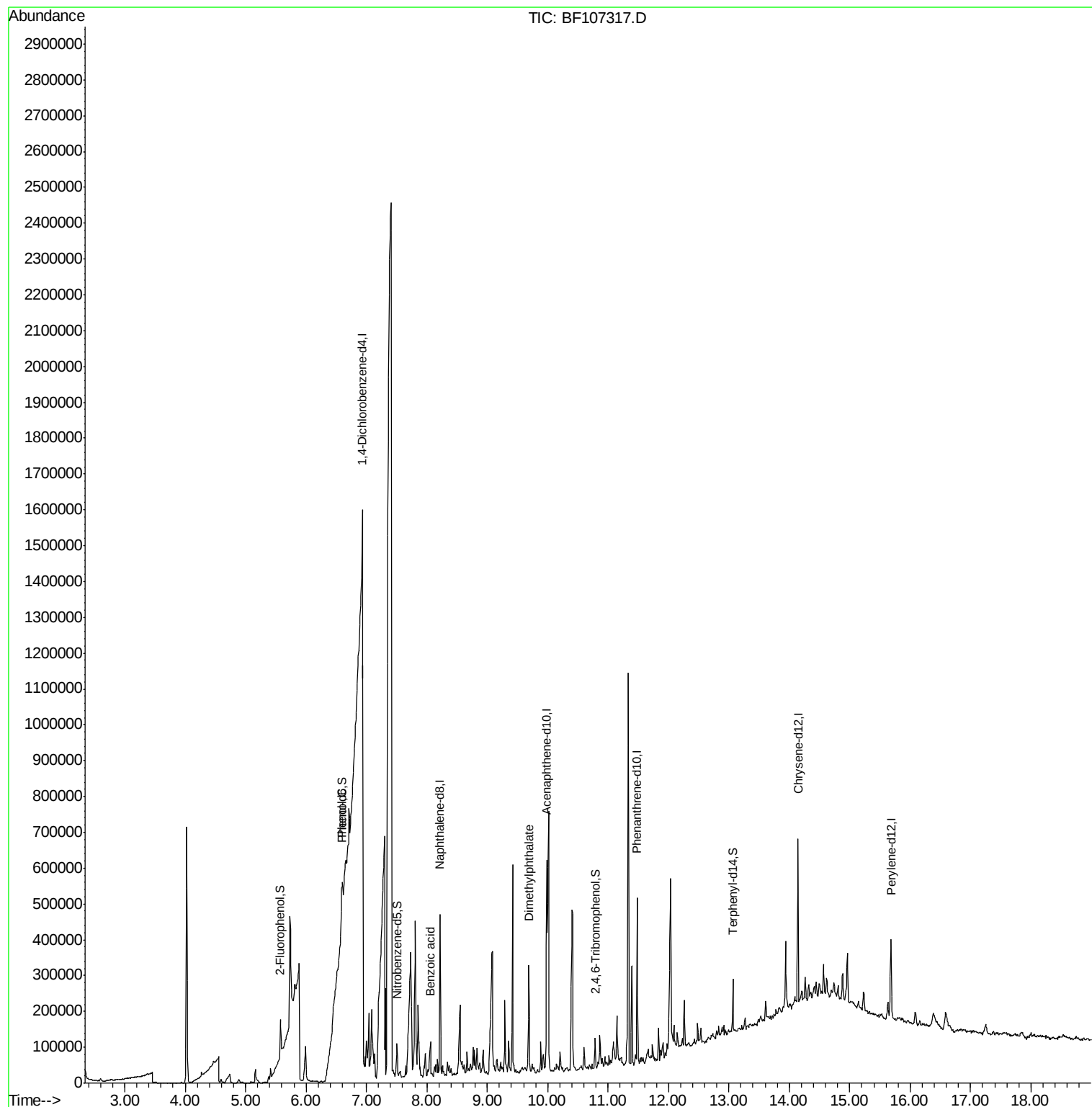
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	43818	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	205526	20.00	ng	0.00
38) Acenaphthene-d10	9.98	164	88496	20.00	ng	0.00
63) Phenanthrene-d10	11.48	188	165198	20.00	ng	0.00
75) Chrysene-d12	14.14	240	153320	20.00	ng	0.00
86) Perylene-d12	15.68	264	113574	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	34590	13.37	ng	0.01
7) Phenol-d6	6.59	99	39028	12.08	ng	0.01
23) Nitrobenzene-d5	7.51	82	25972	7.02	ng	0.00
41) 2,4,6-Tribromophenol	10.78	330	10097	9.84	ng	0.00
44) 2-Fluorobiphenyl	0.00	172	0d	0.00	ng	
78) Terphenyl-d14	13.07	244	51895	8.20	ng	0.00
Target Compounds						
10) Phenol	6.61	94	25484	6.910	ng	99
32) Benzoic acid	8.06	122	20819	14.880	ng	98
49) Dimethylphthalate	9.69	163	100248	15.104	ng	97

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

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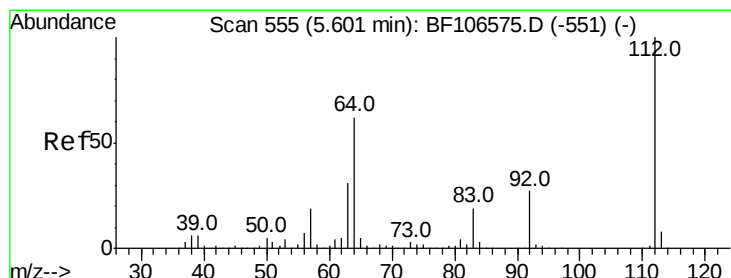
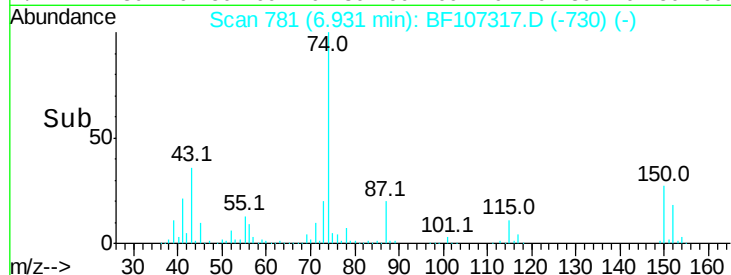
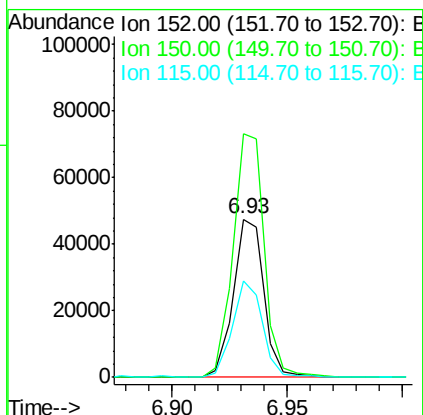
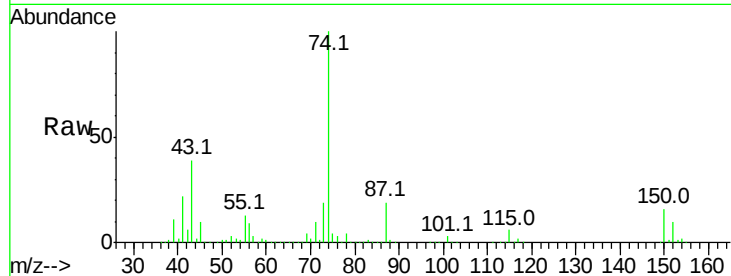


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.93 min Scan# 781
Delta R.T. -0.00 min
Lab File: BF107317.D
Acq: 11 Jul 2018 22:53

Instrument :
BNA_F
ClientSampleId :
VB21029

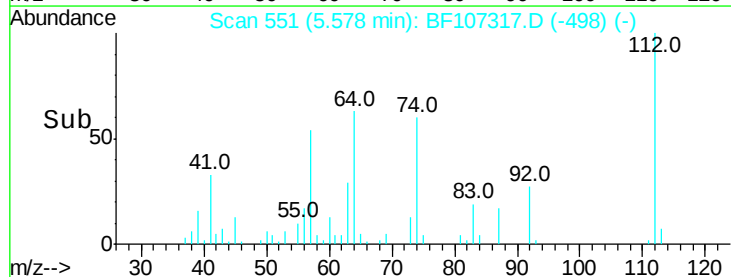
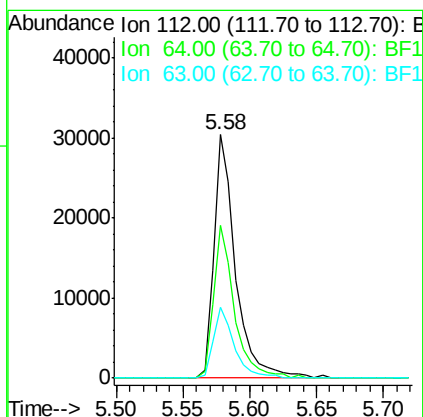
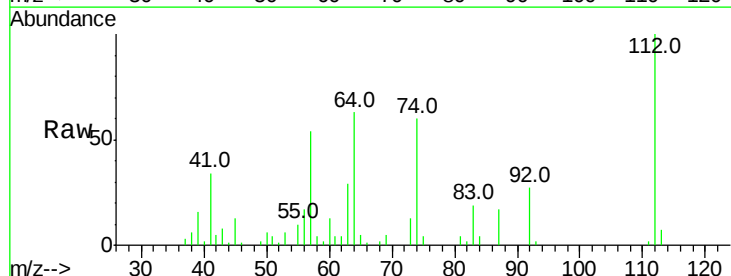
Tot Ion:152 Resp: 43818
Ion Ratio Lower Upper
152 100
150 154.0 124.6 186.8
115 60.7 50.1 75.1

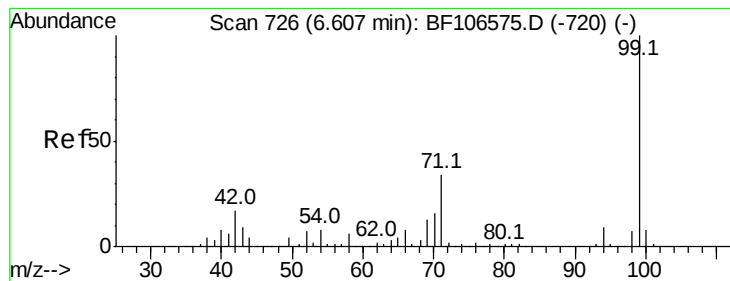


#5

2-Fluorophenol
Concen: 13.367 ng
RT: 5.58 min Scan# 551
Delta R.T. 0.01 min
Lab File: BF107317.D
Acq: 11 Jul 2018 22:53

Tgt Ion:112 Resp: 34590
Ion Ratio Lower Upper
112 100
64 62.5 47.9 71.9
63 29.2 23.7 35.5





#7

Phenol-d6

Concen: 12.077 ng

RT: 6.59 min Scan# 723

Delta R.T. 0.01 min

Lab File: BF107317.D

Acq: 11 Jul 2018 22:53

Instrument :

BNA_F

ClientSampled :

VB21029

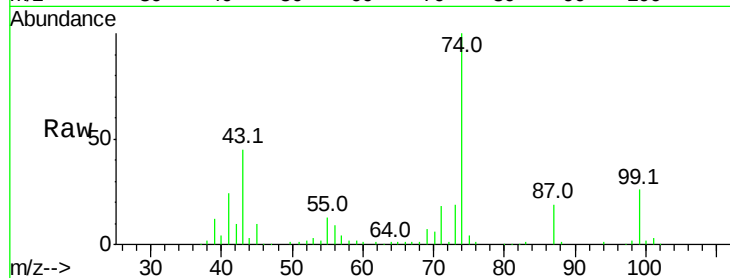
Tot Ion: 99 Resp: 39028

Ion Ratio Lower Upper

99 100

42 37.8 14.5 21.7#

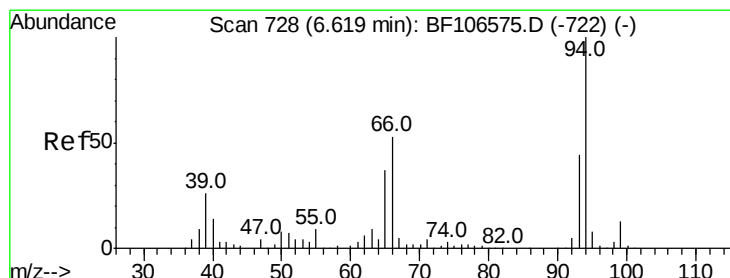
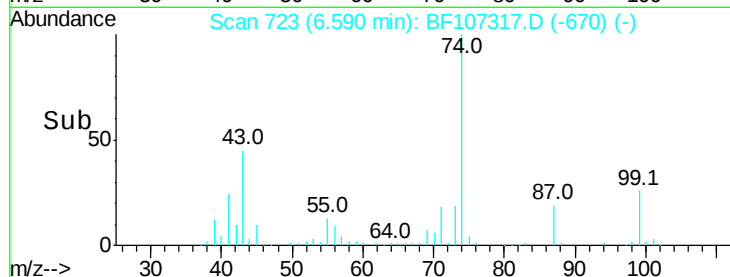
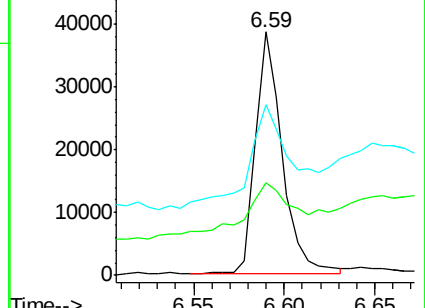
71 69.9 25.4 38.0#



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 6.910 ng

RT: 6.61 min Scan# 726

Delta R.T. 0.02 min

Lab File: BF107317.D

Acq: 11 Jul 2018 22:53

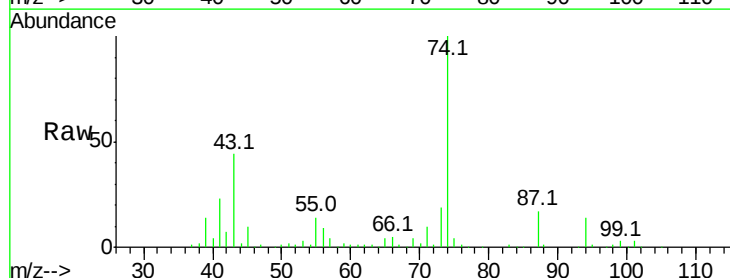
Tgt Ion: 94 Resp: 25484

Ion Ratio Lower Upper

94 100

65 28.8 7.9 47.9

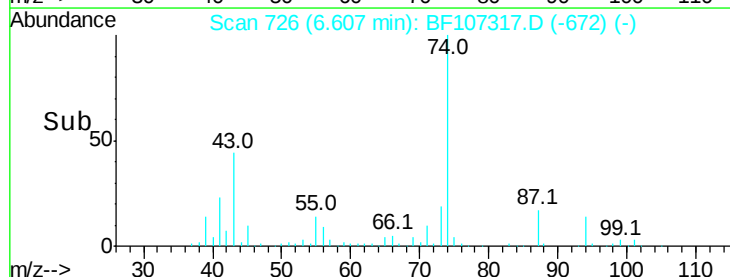
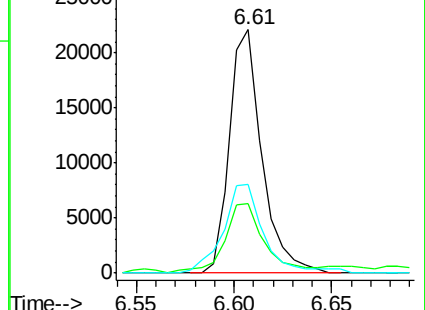
66 36.4 16.2 56.2

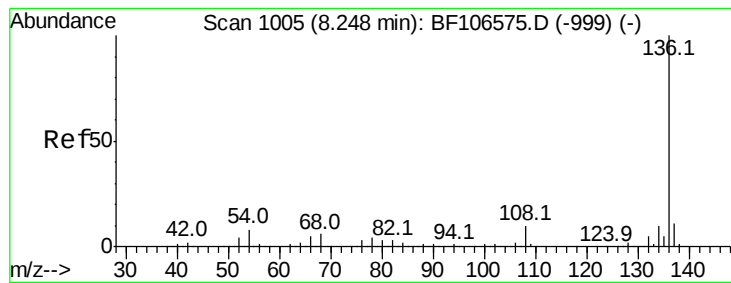


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.22 min Scan# 1000

Delta R.T. -0.00 min

Lab File: BF107317.D

Acq: 11 Jul 2018 22:53

Instrument :

BNA_F

ClientSampleId :

VB21029

Tot Ion:136 Resp: 205526

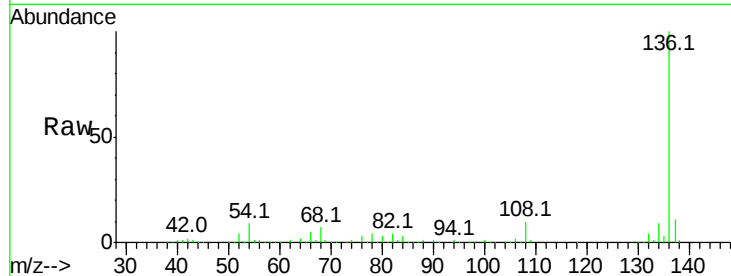
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 8.6 6.6 9.8

68 6.7 5.0 7.4

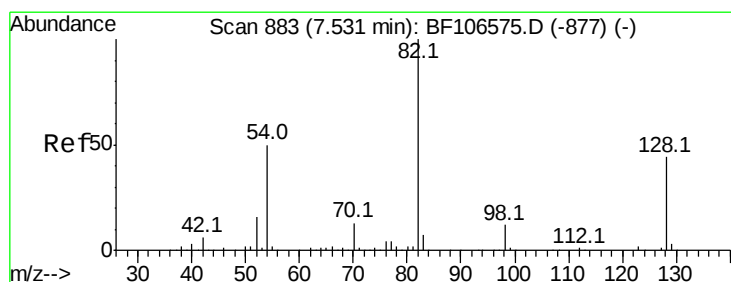
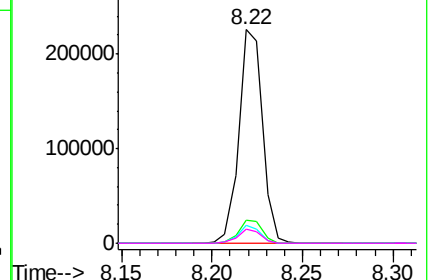
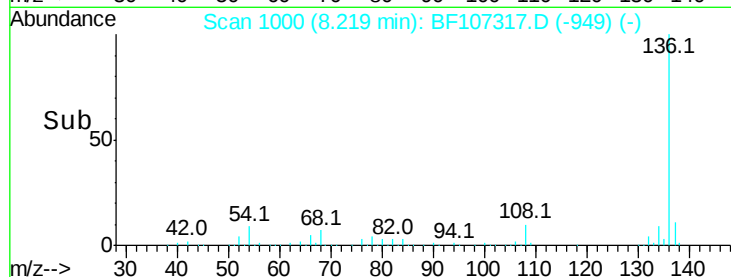


Abundance Ion 136.00 (135.70 to 136.70): E

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: 7.023 ng

RT: 7.51 min Scan# 879

Delta R.T. 0.01 min

Lab File: BF107317.D

Acq: 11 Jul 2018 22:53

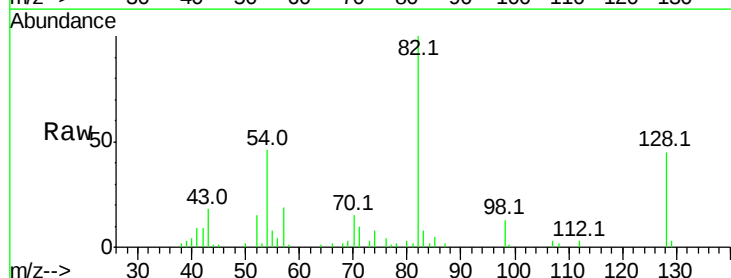
Tgt Ion: 82 Resp: 25972

Ion Ratio Lower Upper

82 100

128 45.4 36.1 54.1

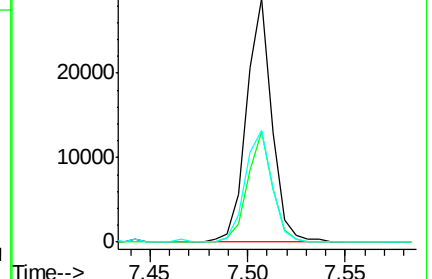
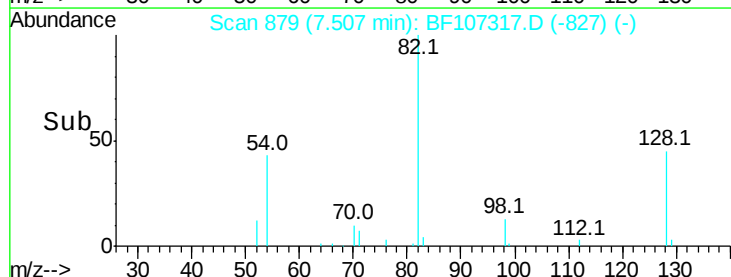
54 45.9 41.4 62.2

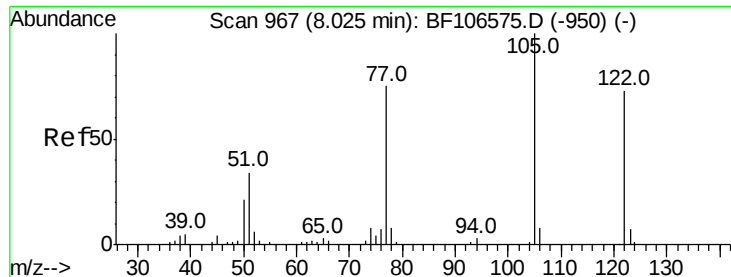


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#32

Benzoic acid

Concen: 14.880 ng

RT: 8.06 min Scan# 973

Delta R.T. 0.05 min

Lab File: BF107317.D

Acq: 11 Jul 2018 22:53

Instrument :

BNA_F

ClientSampleId :

VB21029

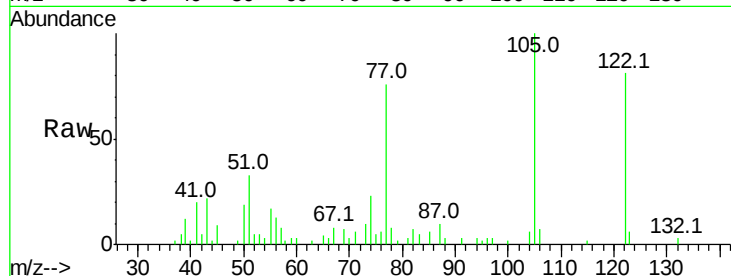
Tot Ion:122 Resp: 20819

Ion Ratio Lower Upper

122 100

105 123.1 101.1 141.1

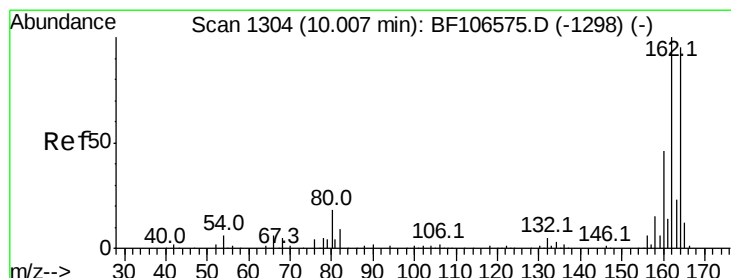
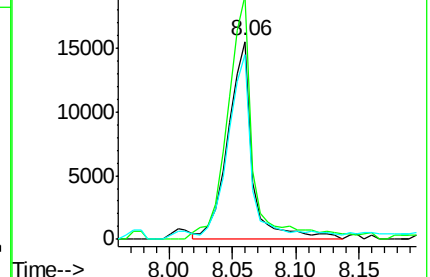
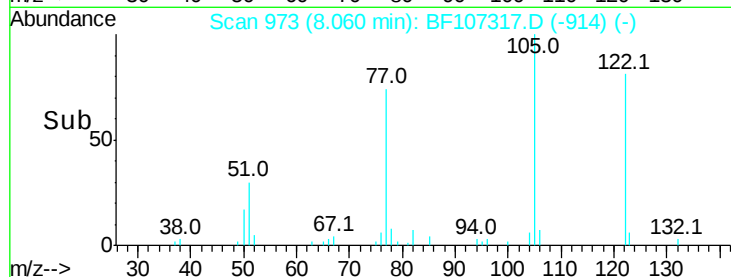
77 93.1 70.7 110.7



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.98 min Scan# 1300

Delta R.T. -0.00 min

Lab File: BF107317.D

Acq: 11 Jul 2018 22:53

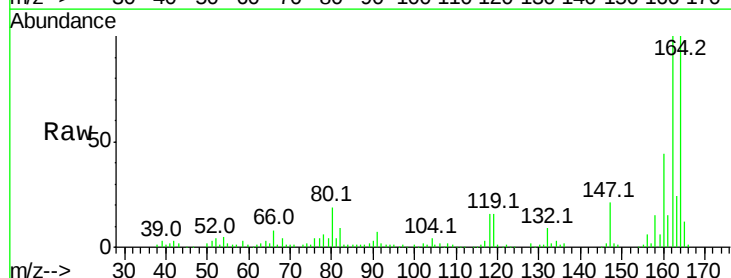
Tgt Ion:164 Resp: 88496

Ion Ratio Lower Upper

164 100

162 100.1 86.1 129.1

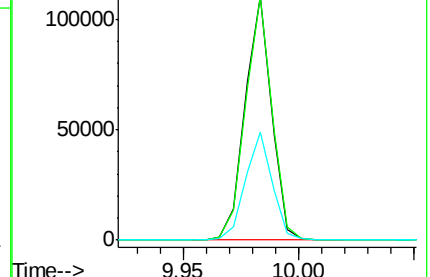
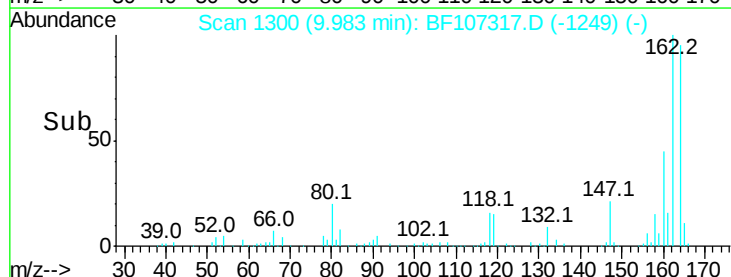
160 44.4 38.3 57.5



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

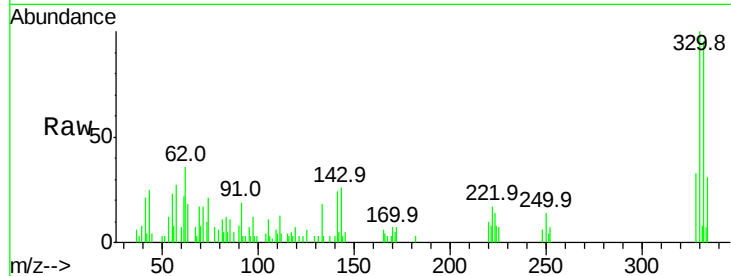




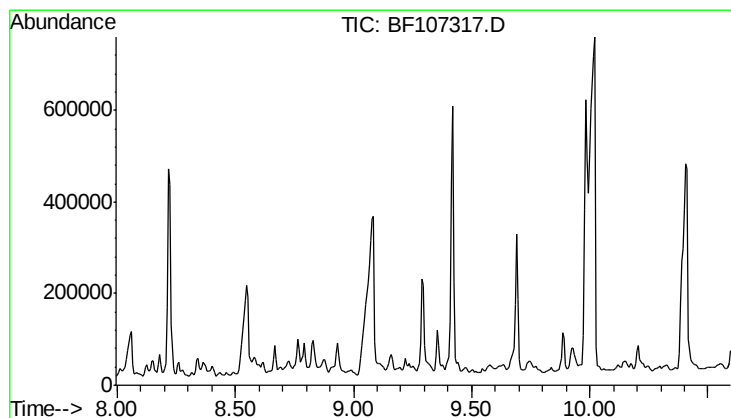
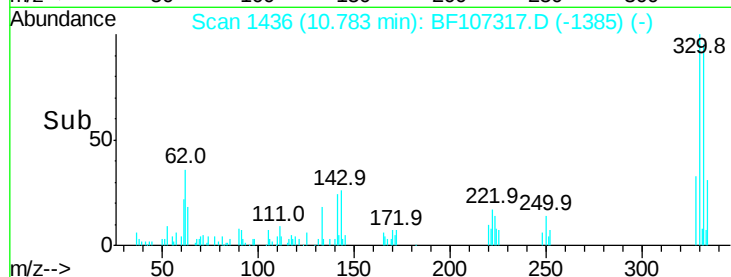
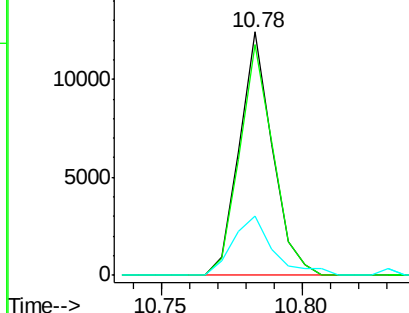
#41
 2,4,6-Tribromophenol
 Concen: 9.844 ng
 RT: 10.78 min Scan# 1436
 Delta R.T. -0.00 min
 Lab File: BF107317.D
 Acq: 11 Jul 2018 22:53

Instrument :
 BNA_F
 ClientSampleId :
 VB21029

Tot Ion:330 Resp: 10097
 Ion Ratio Lower Upper
 330 100
 332 96.5 77.0 115.6
 141 29.6 29.9 44.9#

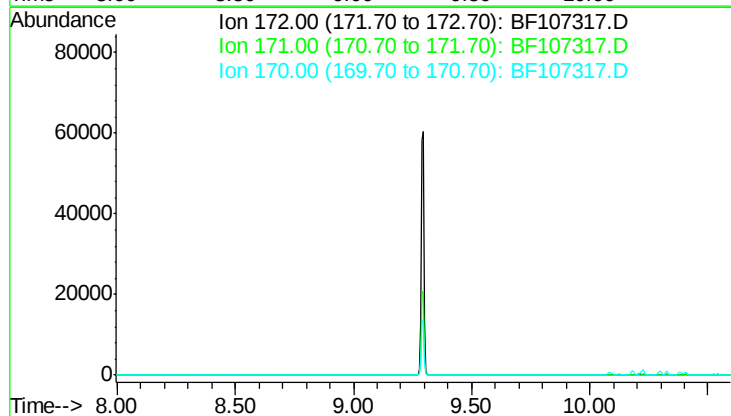


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 0.000 ng
 Expected RT: 9.30 min
 Lab File: BF107317.D
 Acq: 11 Jul 2018 22:53

Tgt Ion: 172
 Sig Exp Ratio
 172 100
 171 37.1
 170 24.5

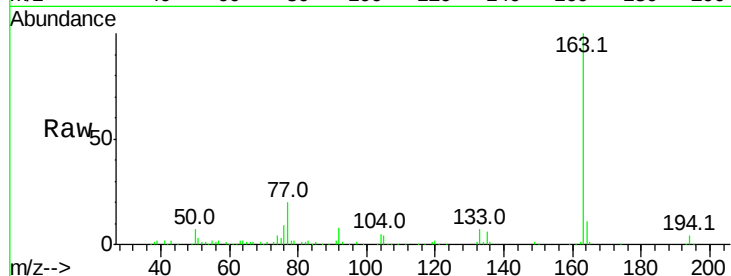




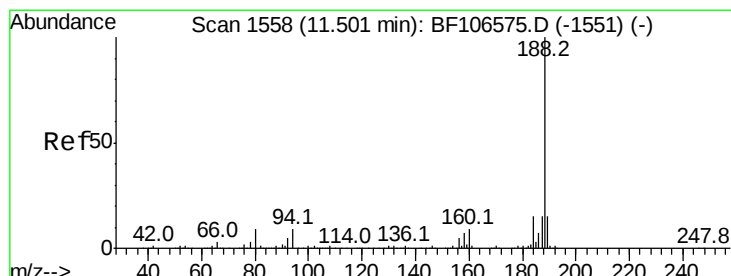
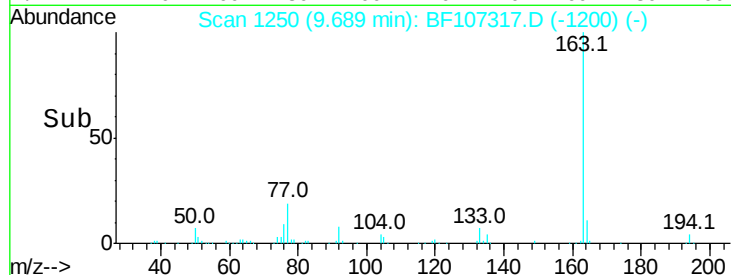
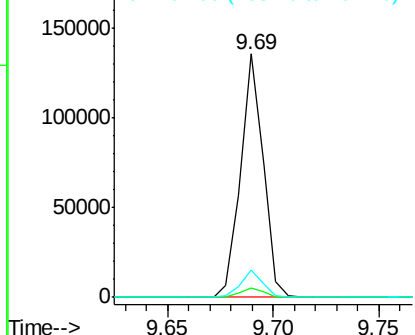
#49
Dimethylphthalate
Concen: 15.104 ng
RT: 9.69 min Scan# 1250
Delta R.T. -0.01 min
Lab File: BF107317.D
Acq: 11 Jul 2018 22:53

Instrument :
BNA_F
ClientSampleId :
VB21029

Tot Ion:163 Resp: 100248
Ion Ratio Lower Upper
163 100
194 3.8 2.7 4.1
164 11.4 8.2 12.2

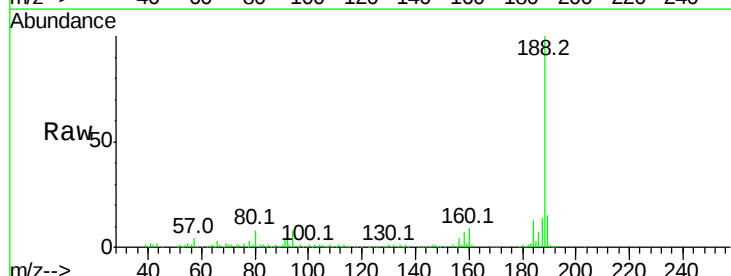


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

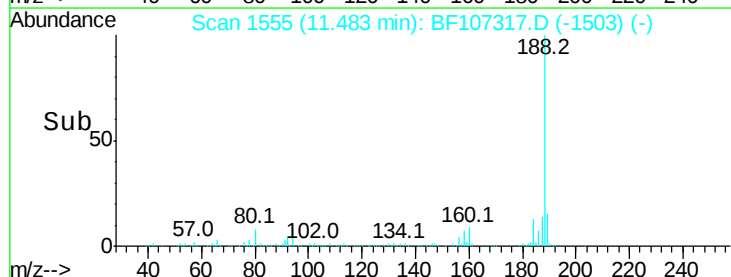
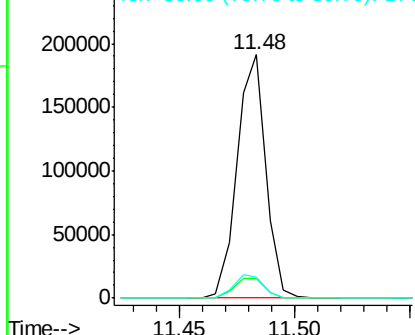


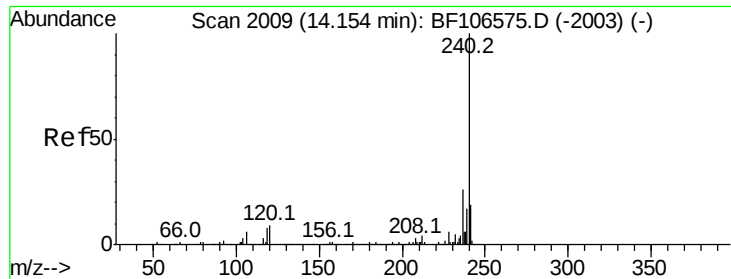
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1555
Delta R.T. 0.01 min
Lab File: BF107317.D
Acq: 11 Jul 2018 22:53

Tgt Ion:188 Resp: 165198
Ion Ratio Lower Upper
188 100
94 8.1 8.5 12.7#
80 8.5 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: 14.14 min Scan# 2007

Delta R.T. -0.00 min

Lab File: BF107317.D

Acq: 11 Jul 2018 22:53

Instrument :

BNA_F

ClientSampleId :

VB21029

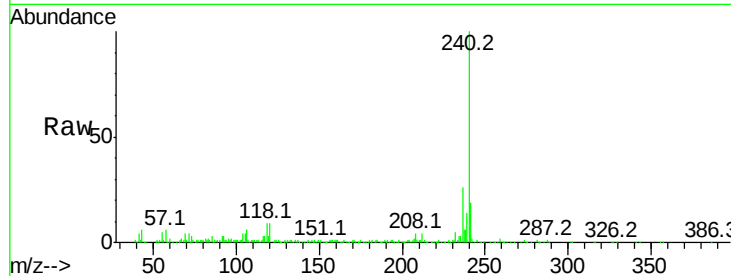
Tot Ion:240 Resp: 153320

Ion Ratio Lower Upper

240 100

120 9.2 9.5 14.3#

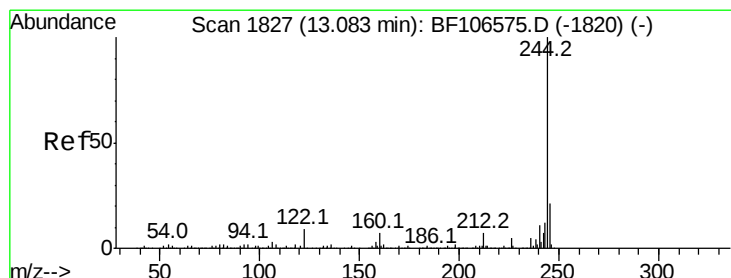
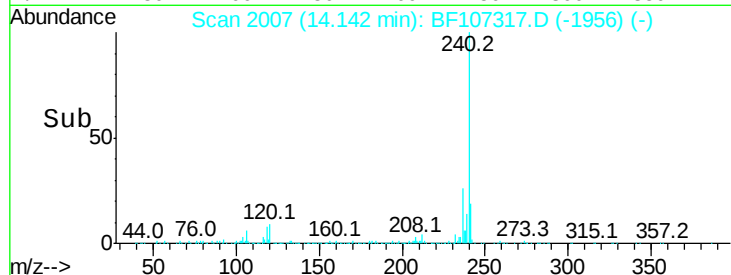
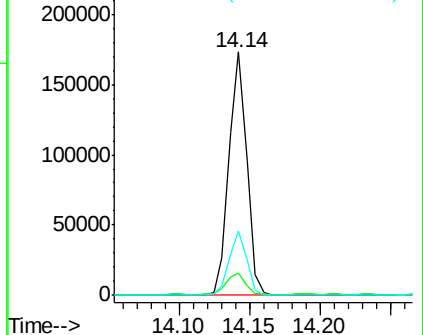
236 26.5 20.7 31.1



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: 8.199 ng

RT: 13.07 min Scan# 1824

Delta R.T. -0.00 min

Lab File: BF107317.D

Acq: 11 Jul 2018 22:53

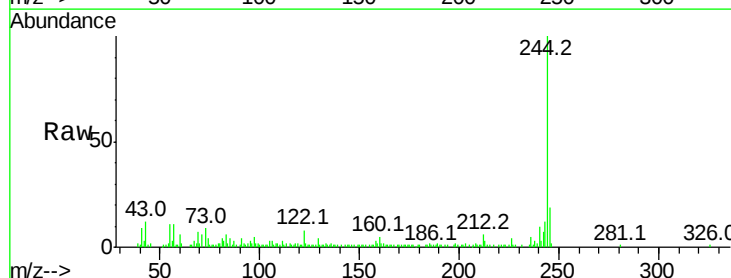
Tgt Ion:244 Resp: 51895

Ion Ratio Lower Upper

244 100

212 6.3 5.4 8.0

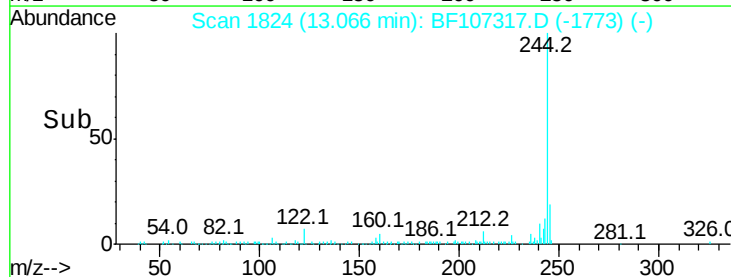
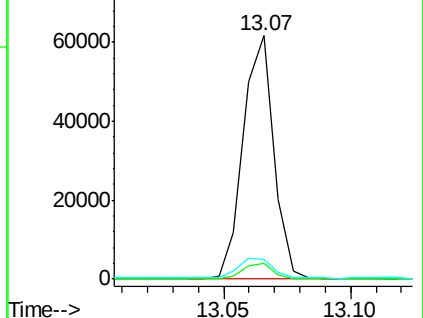
122 7.8 11.0 16.4#

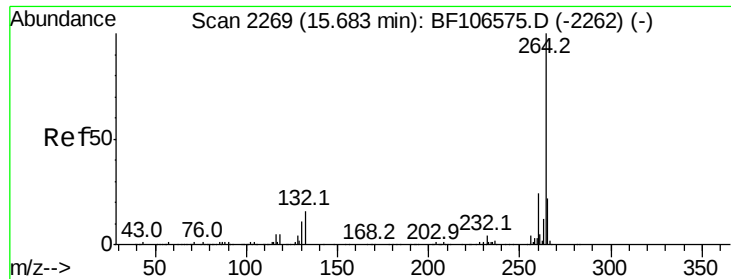


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2269
Delta R.T. 0.01 min
Lab File: BF107317.D
Acq: 11 Jul 2018 22:53

Instrument :
BNA_F
ClientSampleId :
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Tot Ion:264 Resp: 113574
Ion Ratio Lower Upper
264 100
260 23.3 19.2 28.8
265 19.8 17.5 26.3

