

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052717\
 Data File : BF095506.D
 Acq On : 27 May 2017 20:11
 Operator : SJ/MA
 Sample : I3306-09
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 29 01:16:14 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 26 16:50:16 2017
 Response via : Initial Calibration

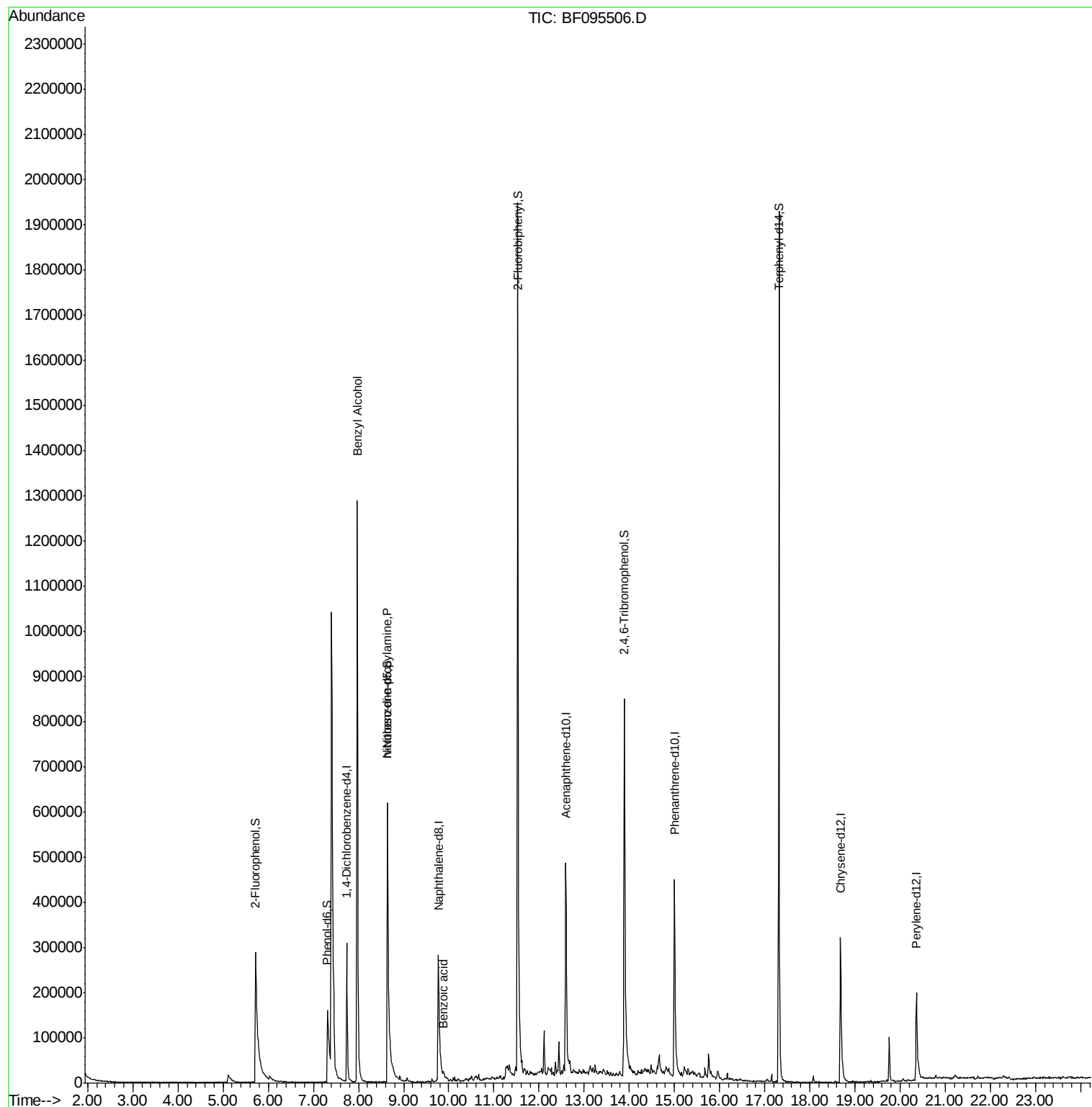
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	77429	20.00	ng	0.00
21) Naphthalene-d8	9.77	136	359330	20.00	ng	0.01
38) Acenaphthene-d10	12.60	164	168956	20.00	ng	0.00
63) Phenanthrene-d10	15.00	188	300541	20.00	ng	0.00
75) Chrysene-d12	18.68	240	246393	20.00	ng	0.00
86) Perylene-d12	20.36	264	159591	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	353038	76.02	ng	0.01
7) Phenol-d6	7.31	99	265325	47.61	ng	0.02
23) Nitrobenzene-d5	8.64	82	521050	91.44	ng	-0.01
41) 2,4,6-Tribromophenol	13.89	330	195490	141.28	ng	-0.01
44) 2-Fluorobiphenyl	11.53	172	1108369	94.42	ng	0.00
78) Terphenyl-d14	17.32	244	831028	74.29	ng	0.00
Target Compounds						Qvalue
15) Benzyl Alcohol	7.97	79	7360	2.05	ng	# 33
19) n-Nitroso-di-n-propylamine	8.64	70	59067	15.67	ng	# 74
32) Benzoic acid	9.90	122	845	5.30	ng	# 35

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

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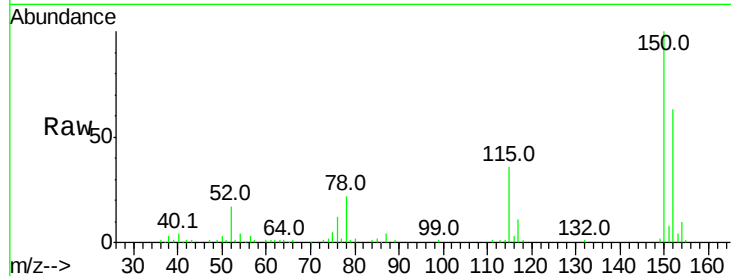


#1

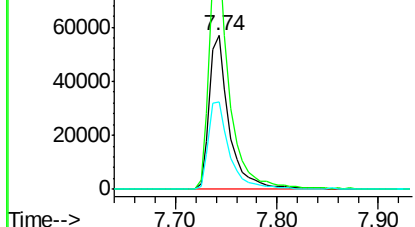
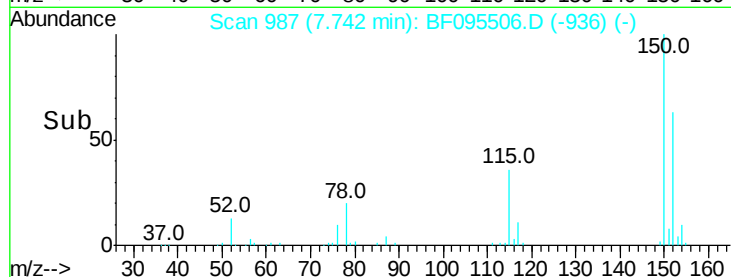
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.74 min Scan# 987
Delta R.T. 0.00 min
Lab File: BF095506.D
Acq: 27 May 2017 20:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 77429
Ion Ratio Lower Upper
152 100
150 158.7 126.2 189.2
115 57.4 52.2 78.2



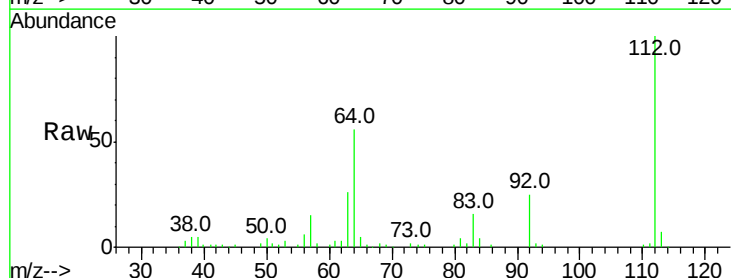
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



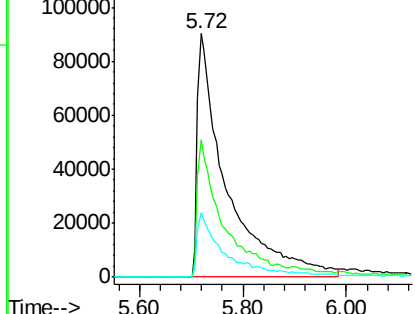
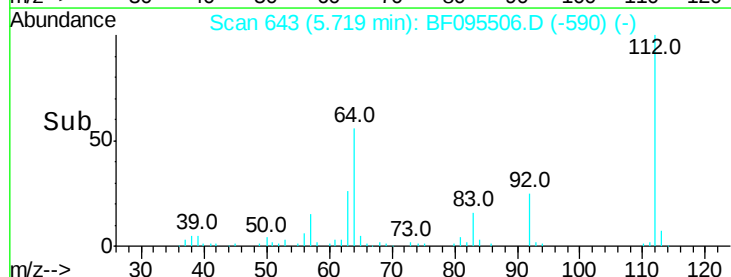
#5

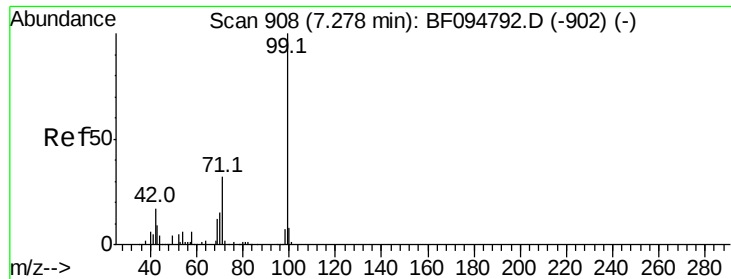
2-Fluorophenol
Concen: 76.02 ng
RT: 5.72 min Scan# 643
Delta R.T. 0.01 min
Lab File: BF095506.D
Acq: 27 May 2017 20:11

Tgt Ion:112 Resp: 353038
Ion Ratio Lower Upper
112 100
64 56.3 46.0 69.0
63 26.3 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: 47.61 ng

RT: 7.31 min Scan# 914

Delta R.T. 0.02 min

Lab File: BF095506.D

Acq: 27 May 2017 20:11

Instrument :

BNA_F

ClientSampleId :

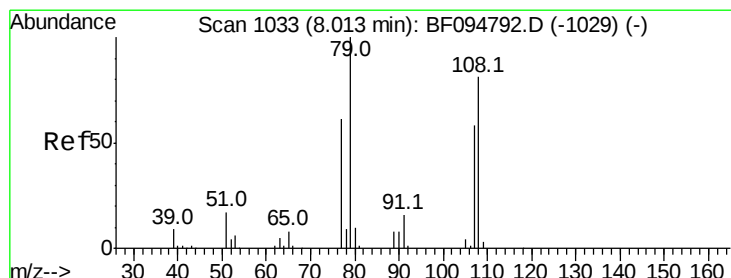
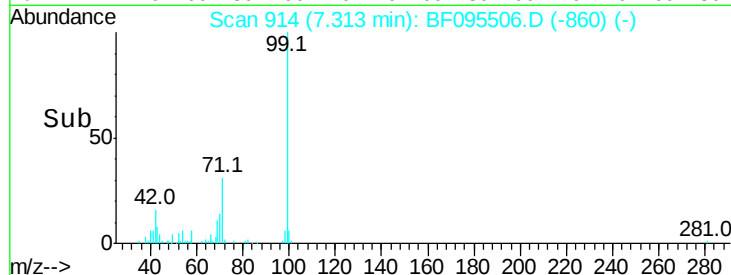
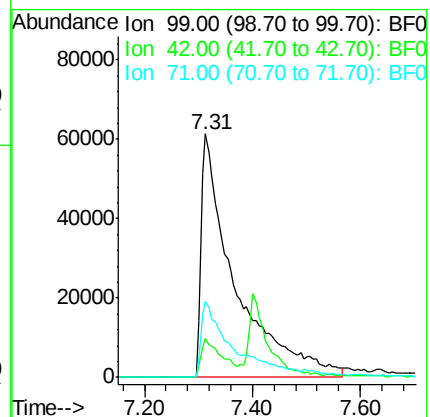
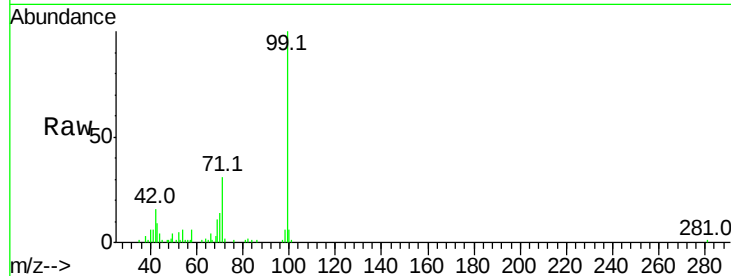
Tot Ion: 99 Resp: 265325

Ion Ratio Lower Upper

99 100

42 16.1 13.5 20.3

71 31.3 24.5 36.7



#15

Benzyl Alcohol

Concen: 2.05 ng

RT: 7.97 min Scan# 1026

Delta R.T. -0.06 min

Lab File: BF095506.D

Acq: 27 May 2017 20:11

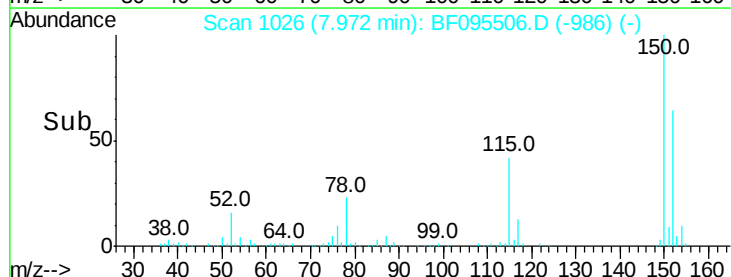
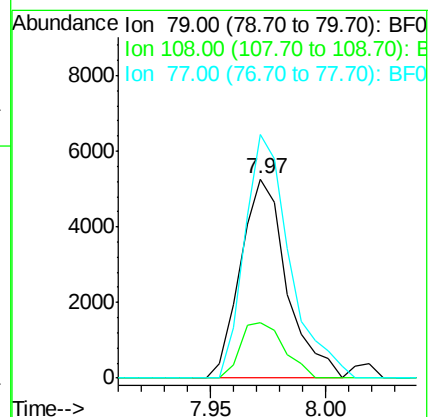
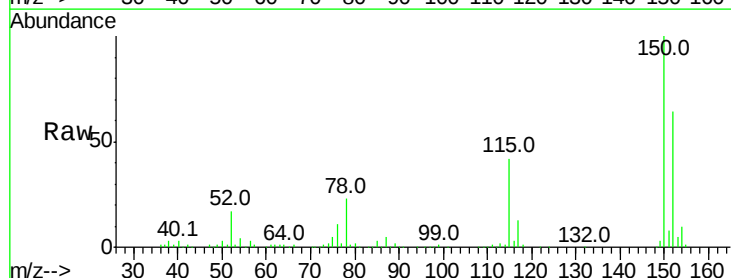
Tgt Ion: 79 Resp: 7360

Ion Ratio Lower Upper

79 100

108 28.1 63.4 95.0#

77 122.3 49.2 73.8#





#19

n-Nitroso-di-n-propylamine

Concen: 15.67 ng

RT: 8.64 min Scan# 1140

Delta R.T. 0.18 min

Lab File: BF095506.D

Acq: 27 May 2017 20:11

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 59067

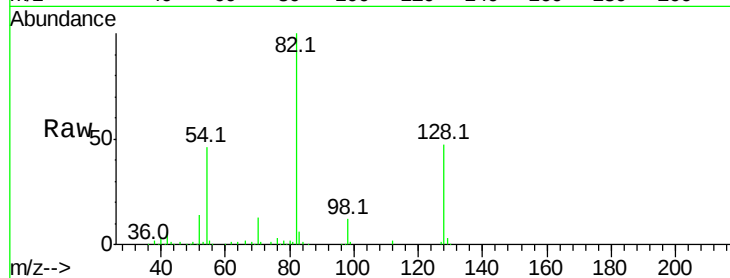
Ion Ratio Lower Upper

70 100

42 43.1 47.2 70.8#

101 0.0 7.2 10.8#

130 2.0 15.9 23.9#

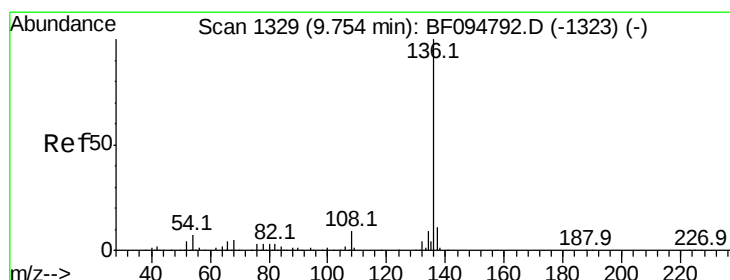
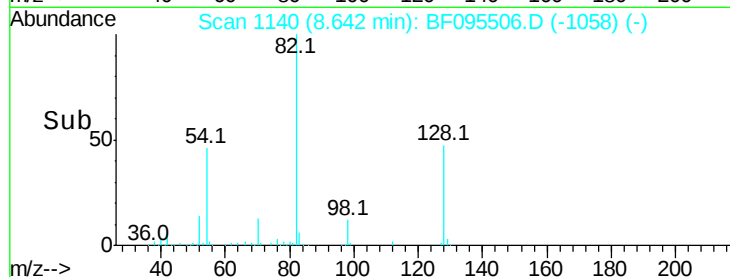
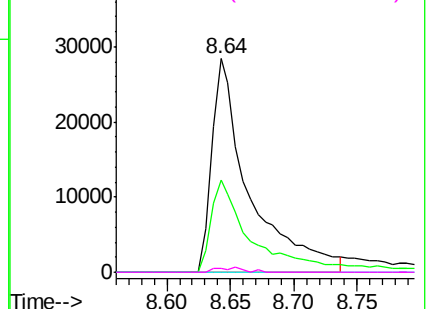


Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 9.77 min Scan# 1332

Delta R.T. 0.01 min

Lab File: BF095506.D

Acq: 27 May 2017 20:11

Tgt Ion:136 Resp: 359330

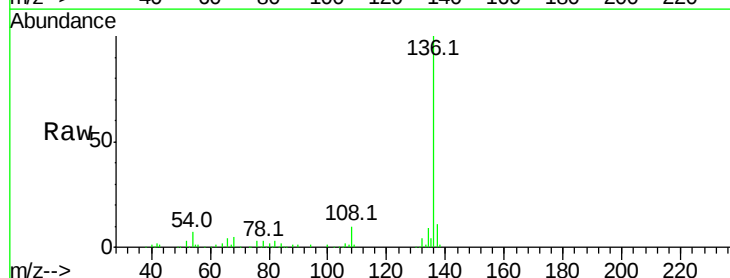
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 7.2 4.9 7.3

68 5.1 4.1 6.1

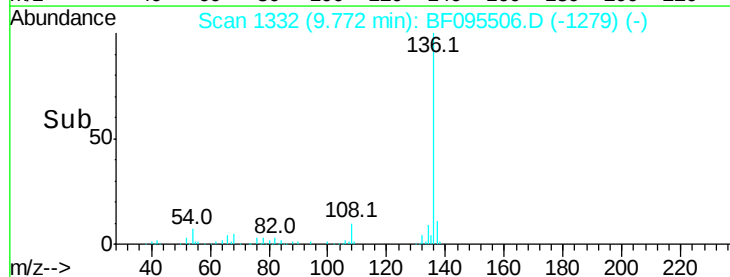
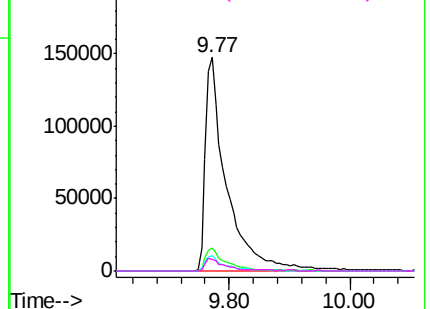


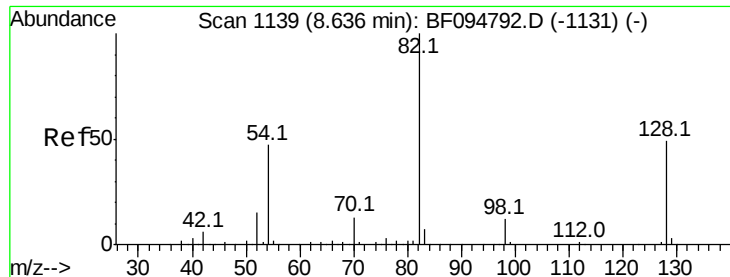
Abundance Ion 136.00 (135.70 to 136.70): BF0

Ion 137.00 (136.70 to 137.70): BF0

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0





#23

Nitrobenzene-d5

Concen: 91.44 ng

RT: 8.64 min Scan# 1140

Delta R.T. -0.01 min

Lab File: BF095506.D

Acq: 27 May 2017 20:11

Instrument :

BNA_F

ClientSampled :

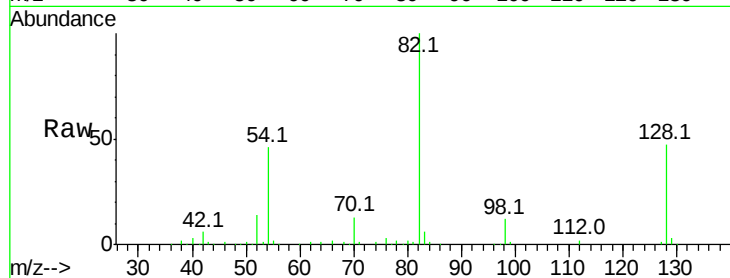
Tot Ion: 82 Resp: 521050

Ion Ratio Lower Upper

82 100

128 46.9 34.0 51.0

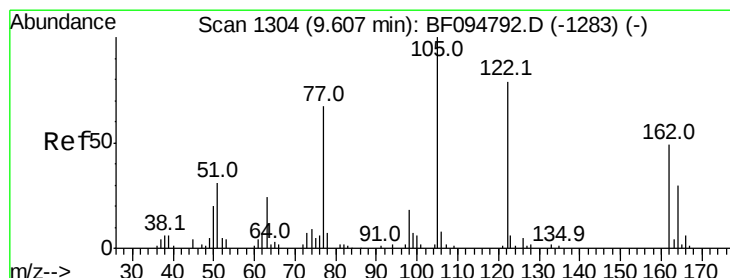
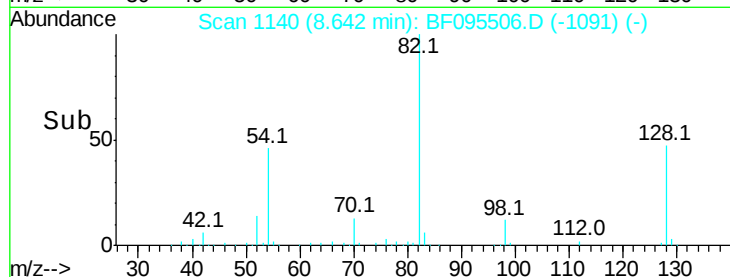
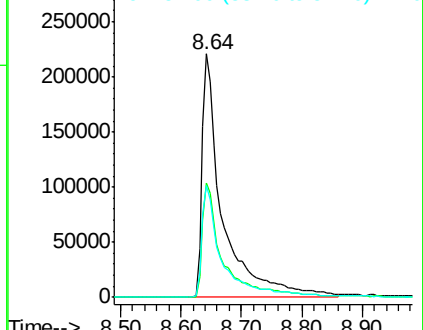
54 46.1 42.2 63.2



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#32

Benzoic acid

Concen: 5.30 ng

RT: 9.90 min Scan# 1353

Delta R.T. 0.22 min

Lab File: BF095506.D

Acq: 27 May 2017 20:11

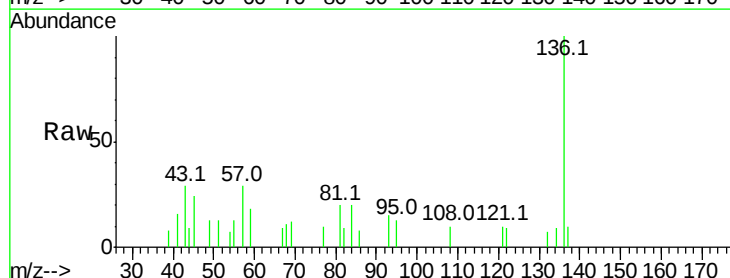
Tgt Ion:122 Resp: 845

Ion Ratio Lower Upper

122 100

105 0.0 103.3 143.3#

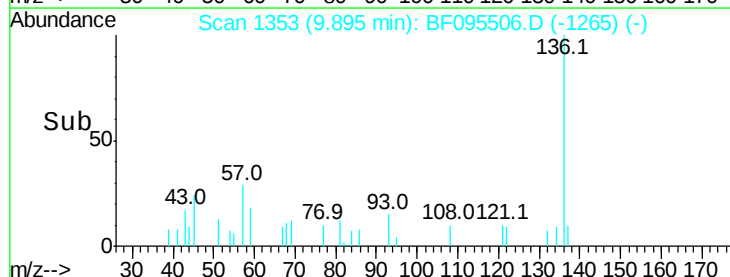
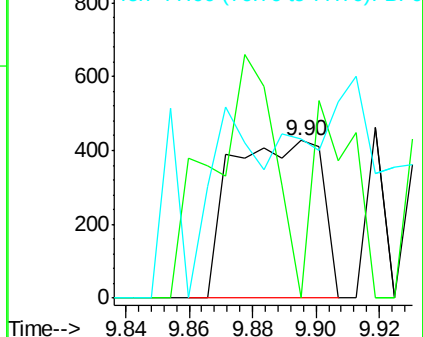
77 101.2 73.7 113.7

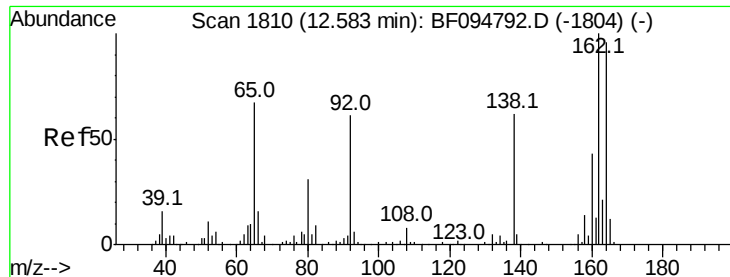


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.60 min Scan# 1812

Delta R.T. 0.00 min

Lab File: BF095506.D

Acq: 27 May 2017 20:11

Instrument :

BNA_F

ClientSampleId :

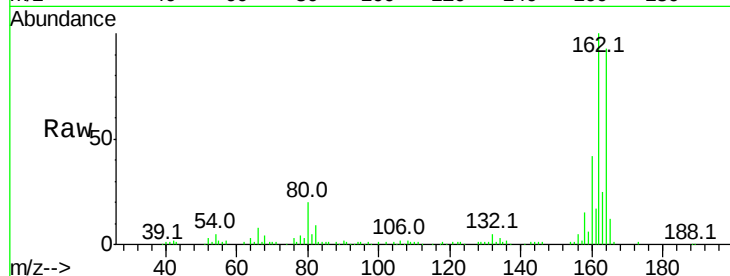
Tot Ion:164 Resp: 168956

Ion Ratio Lower Upper

164 100

162 107.1 82.6 123.8

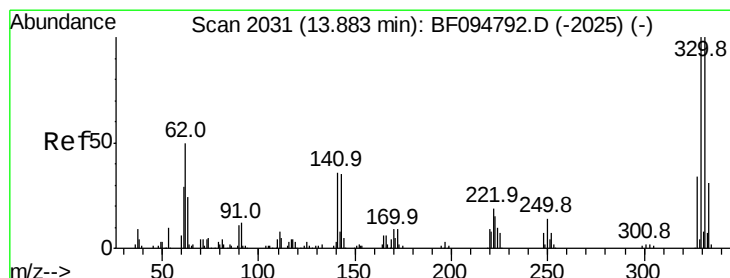
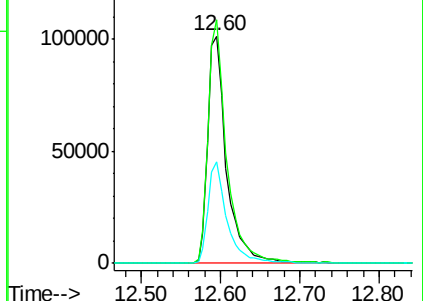
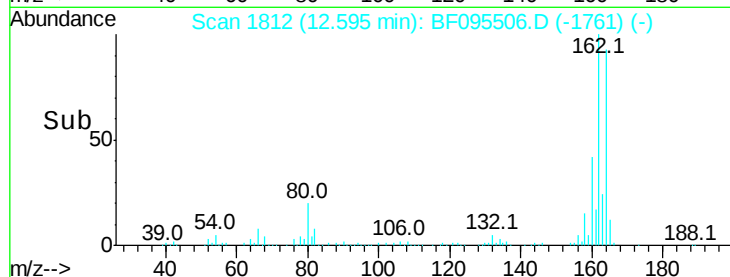
160 44.8 36.2 54.2



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: 141.28 ng

RT: 13.89 min Scan# 2032

Delta R.T. -0.01 min

Lab File: BF095506.D

Acq: 27 May 2017 20:11

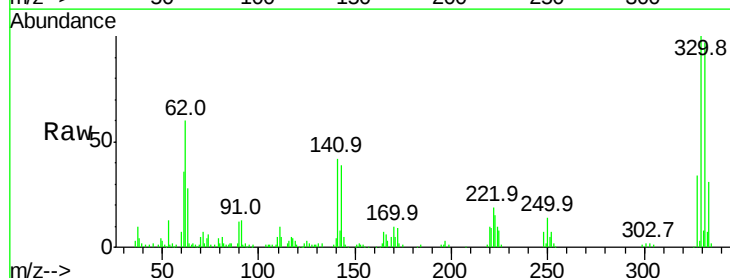
Tgt Ion:330 Resp: 195490

Ion Ratio Lower Upper

330 100

332 96.8 76.6 115.0

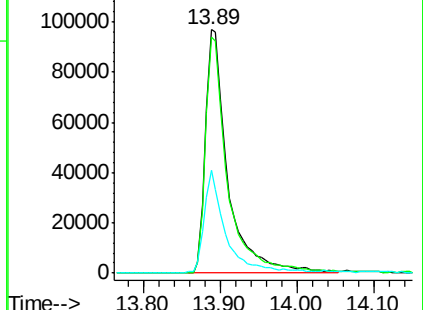
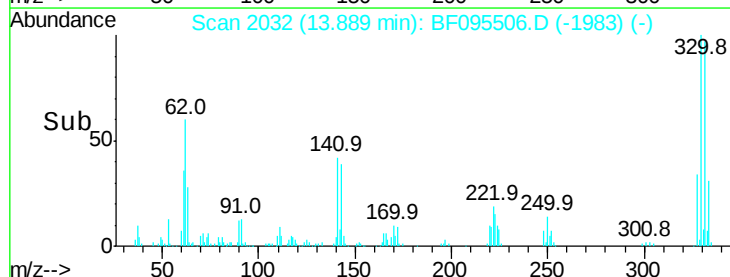
141 39.8 31.4 47.2



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

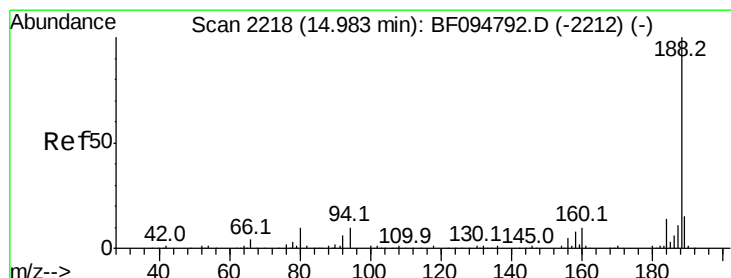
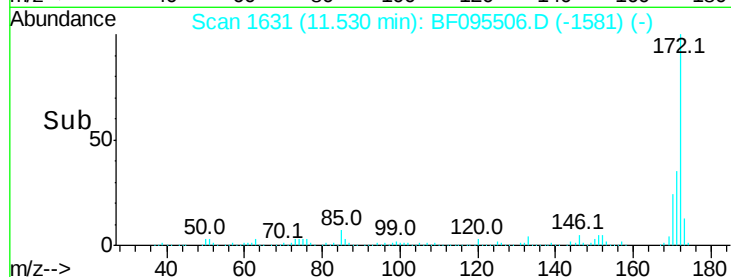
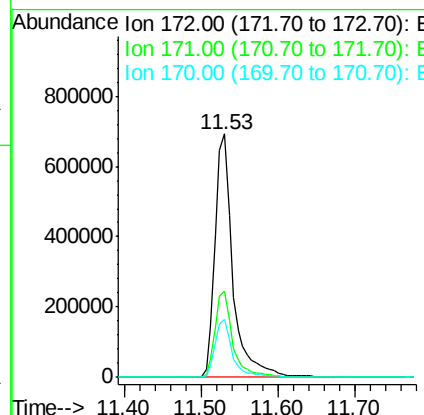
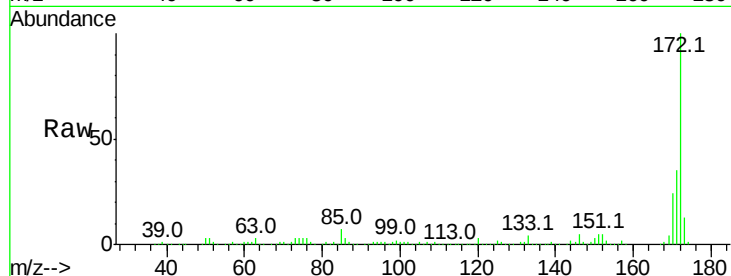




#44
 2-Fluorobiphenyl
 Concen: 94.42 ng
 RT: 11.53 min Scan# 1631
 Delta R.T. -0.01 min
 Lab File: BF095506.D
 Acq: 27 May 2017 20:11

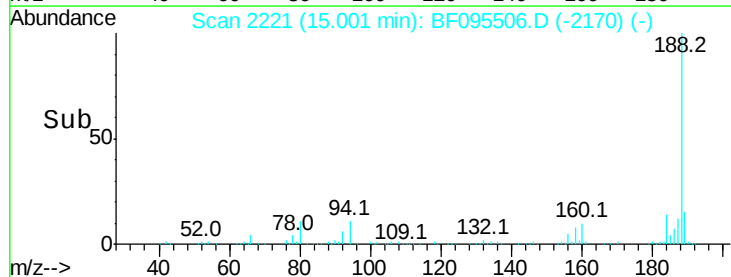
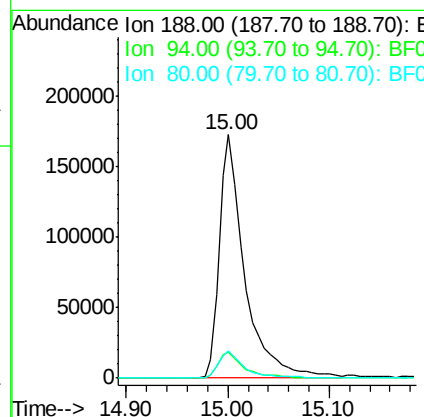
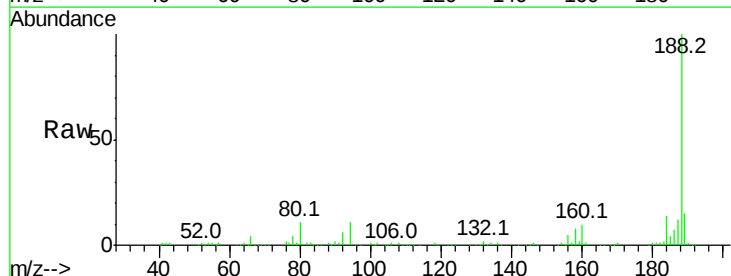
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1108369
 Ion Ratio Lower Upper
 172 100
 171 35.2 29.6 44.4
 170 23.6 19.8 29.8



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 15.00 min Scan# 2221
 Delta R.T. 0.00 min
 Lab File: BF095506.D
 Acq: 27 May 2017 20:11

Tgt Ion:188 Resp: 300541
 Ion Ratio Lower Upper
 188 100
 94 10.8 9.4 14.2
 80 11.5 10.2 15.2





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.68 min Scan# 2846

Delta R.T. 0.00 min

Lab File: BF095506.D

Acq: 27 May 2017 20:11

Instrument :

BNA_F

ClientSampleId :

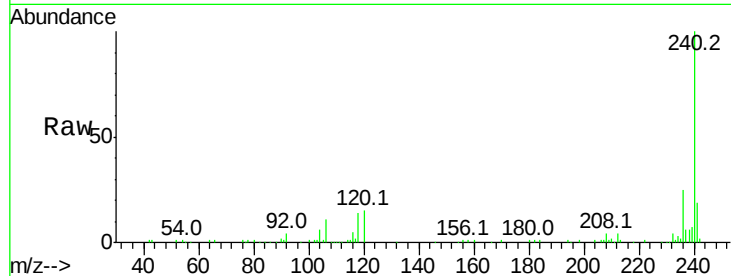
Tot Ion:240 Resp: 246393

Ion Ratio Lower Upper

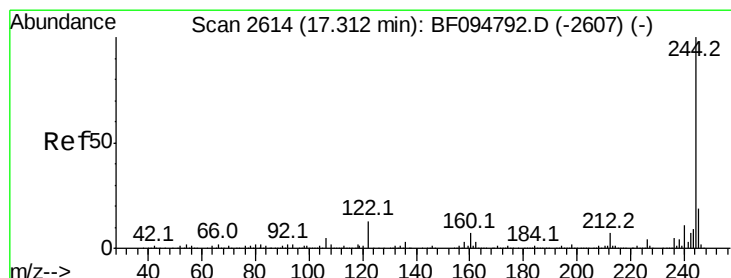
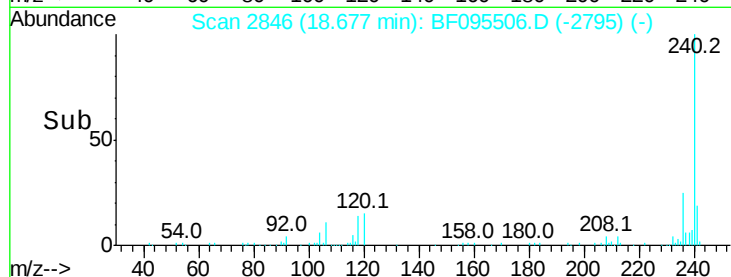
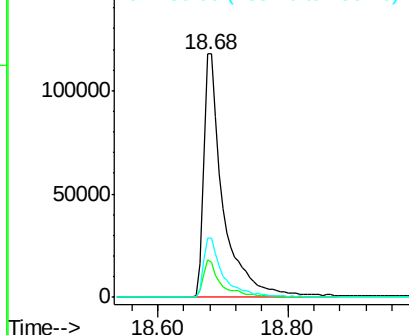
240 100

120 15.5 5.8 8.8#

236 24.6 20.5 30.7



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: 74.29 ng

RT: 17.32 min Scan# 2615

Delta R.T. -0.01 min

Lab File: BF095506.D

Acq: 27 May 2017 20:11

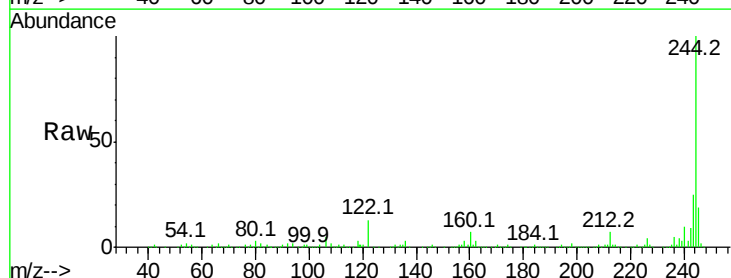
Tgt Ion:244 Resp: 831028

Ion Ratio Lower Upper

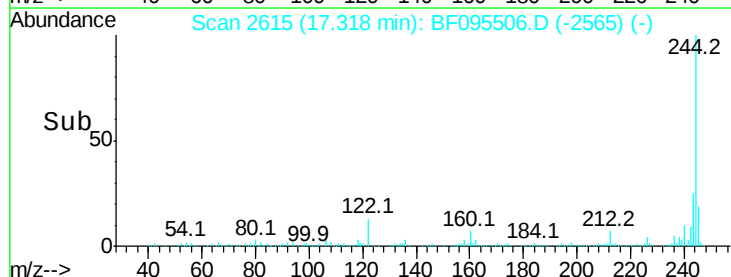
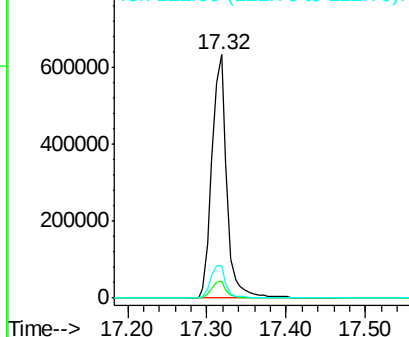
244 100

212 6.8 6.0 9.0

122 13.4 10.3 15.5



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

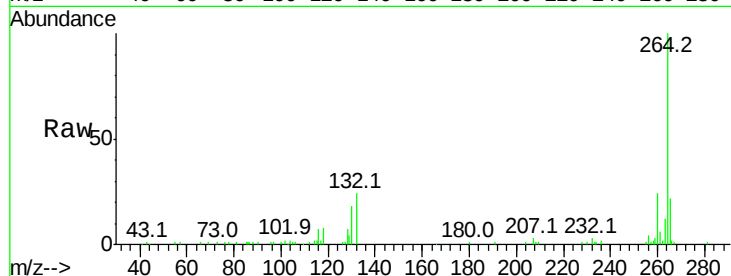




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 20.36 min Scan# 3132
 Delta R.T. 0.01 min
 Lab File: BF095506.D
 Acq: 27 May 2017 20:11

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.5	29.3
265	21.7	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

