

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050817\
 Data File : BF095016.D
 Acq On : 9 May 2017 11:02
 Operator : SJ/MA
 Sample : I2947-19
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 09 11:46:21 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 03 17:24:51 2017
 Response via : Initial Calibration

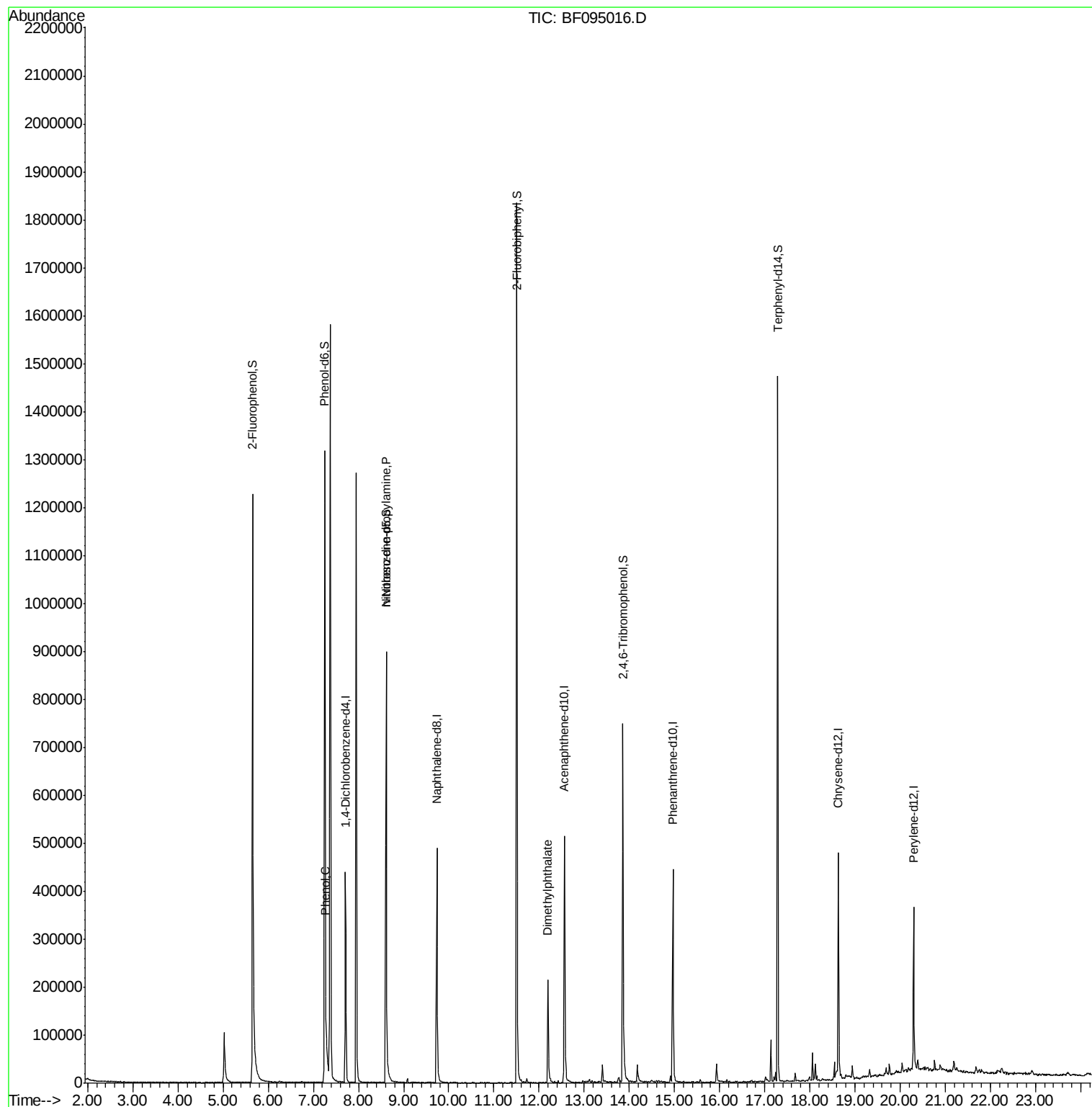
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	92259	20.00	ng	-0.02
21) Naphthalene-d8	9.74	136	366187	20.00	ng	-0.02
38) Acenaphthene-d10	12.56	164	164487	20.00	ng	-0.02
63) Phenanthrene-d10	14.97	188	257414	20.00	ng	-0.02
75) Chrysene-d12	18.63	240	201096	20.00	ng	-0.02
86) Perylene-d12	20.30	264	155957	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	611044	110.42	ng	-0.02
7) Phenol-d6	7.25	99	758925	114.30	ng	-0.02
23) Nitrobenzene-d5	8.61	82	439550	75.69	ng	-0.02
41) 2,4,6-Tribromophenol	13.86	330	138196	102.59	ng	-0.02
44) 2-Fluorobiphenyl	11.51	172	798619	69.88	ng	-0.02
78) Terphenyl-d14	17.29	244	541058	59.26	ng	-0.02
Target Compounds						
10) Phenol	7.27	94	16406	2.34	ng	Qvalue 81
19) n-Nitroso-di-n-propylamine	8.61	70	56349	12.55	ng	# 74
49) Dimethylphthalate	12.20	163	148394	10.99	ng	99

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

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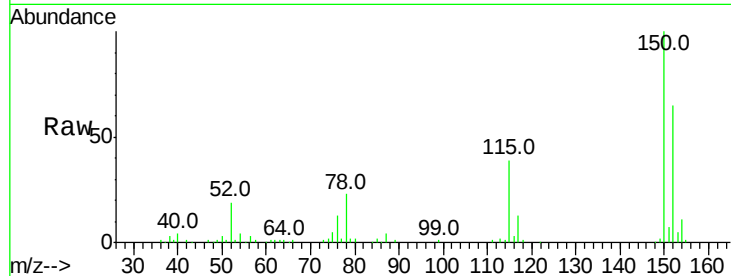


#1

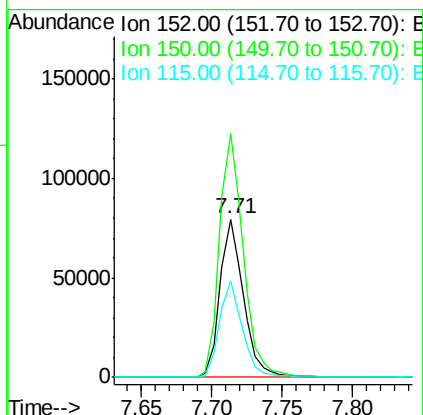
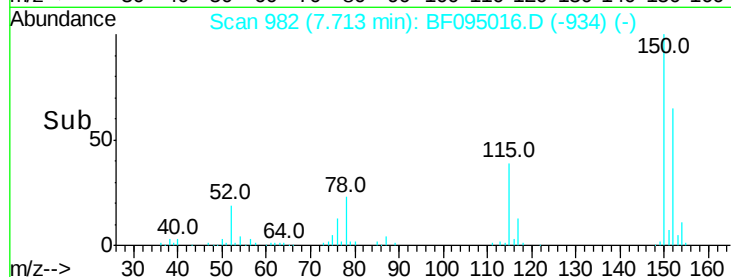
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.71 min Scan# 982
Delta R.T. -0.02 min
Lab File: BF095016.D
Acq: 9 May 2017 11:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 92259
Ion Ratio Lower Upper
152 100
150 154.3 126.2 189.2
115 60.8 52.2 78.2



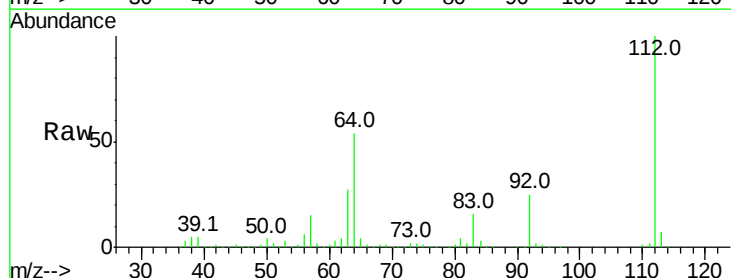
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



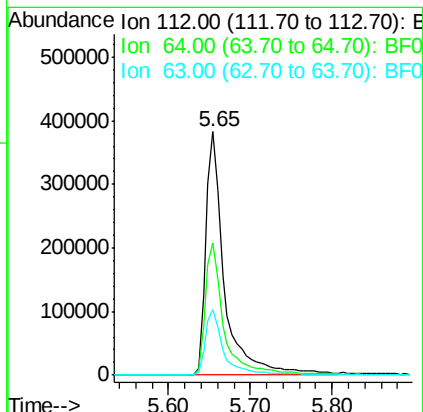
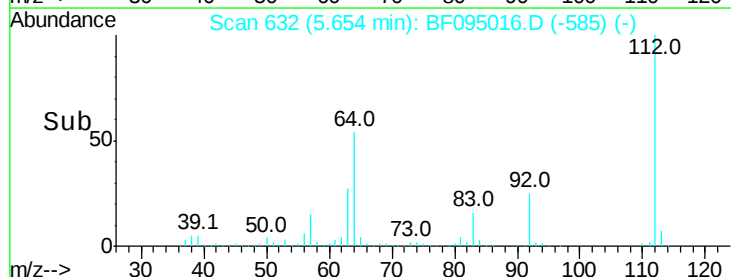
#5

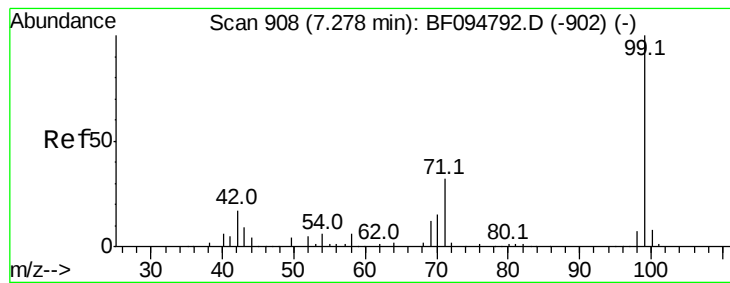
2-Fluorophenol
Concen: 110.42 ng
RT: 5.65 min Scan# 632
Delta R.T. -0.02 min
Lab File: BF095016.D
Acq: 9 May 2017 11:02

Tgt Ion:112 Resp: 611044
Ion Ratio Lower Upper
112 100
64 54.4 46.0 69.0
63 26.9 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: 114.30 ng

RT: 7.25 min Scan# 904

Delta R.T. -0.02 min

Lab File: BF095016.D

Acq: 9 May 2017 11:02

Instrument :

BNA_F

ClientSampleId :

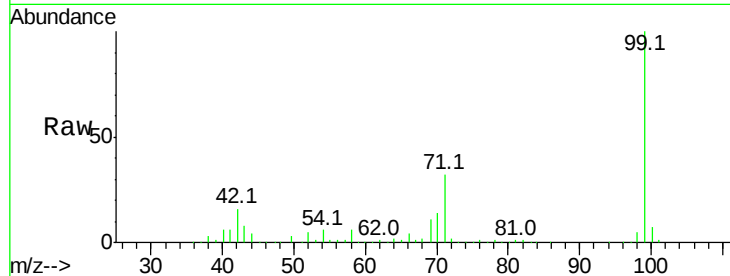
Tot Ion: 99 Resp: 758925

Ion Ratio Lower Upper

99 100

42 15.6 13.5 20.3

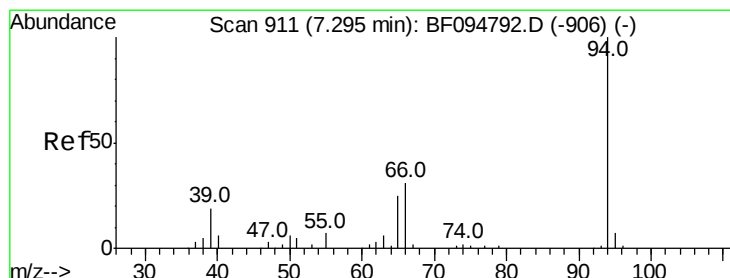
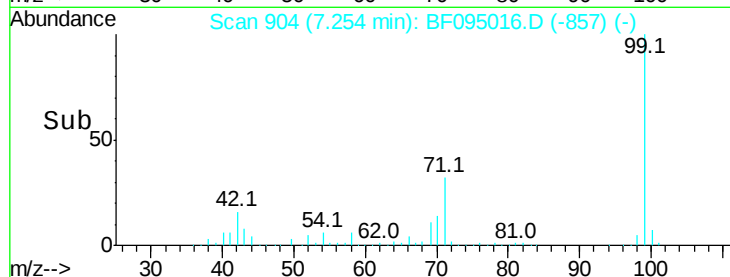
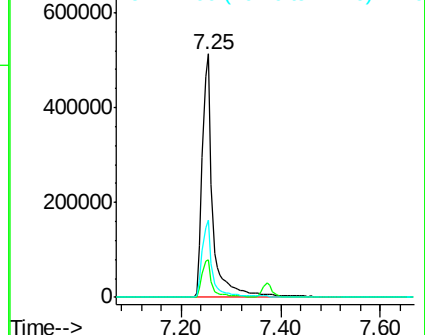
71 31.8 24.5 36.7



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



#10

Phenol

Concen: 2.34 ng

RT: 7.27 min Scan# 907

Delta R.T. -0.02 min

Lab File: BF095016.D

Acq: 9 May 2017 11:02

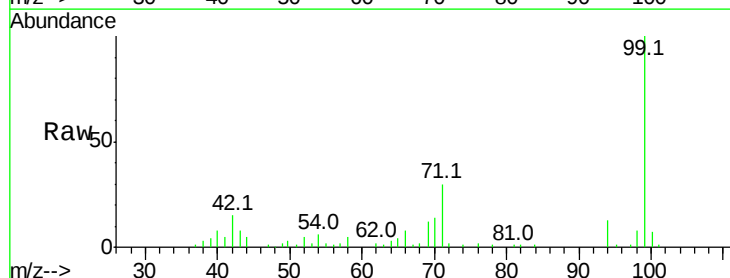
Tgt Ion: 94 Resp: 16406

Ion Ratio Lower Upper

94 100

65 28.0 9.9 49.9

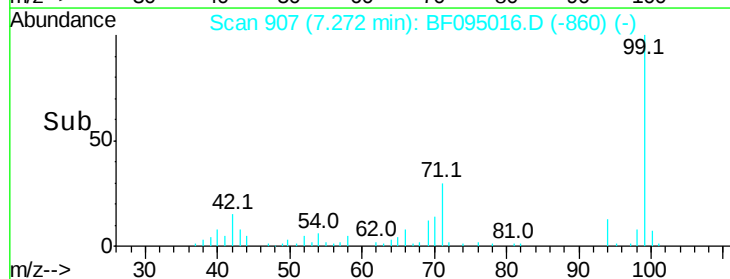
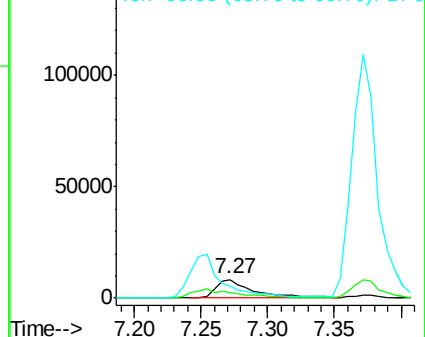
66 62.0 23.1 63.1



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#19

n-Nitroso-di-n-propylamine

Concen: 12.55 ng

RT: 8.61 min Scan# 1135

Delta R.T. 0.17 min

Lab File: BF095016.D

Acq: 9 May 2017 11:02

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 56349

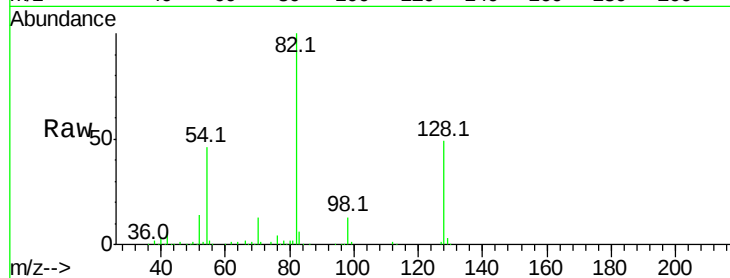
Ion Ratio Lower Upper

70 100

42 42.5 47.2 70.8#

101 0.0 7.2 10.8#

130 2.2 15.9 23.9#

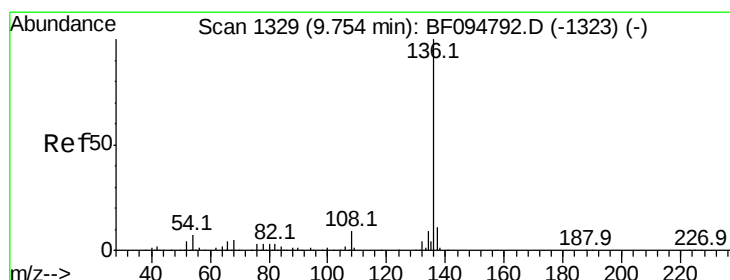
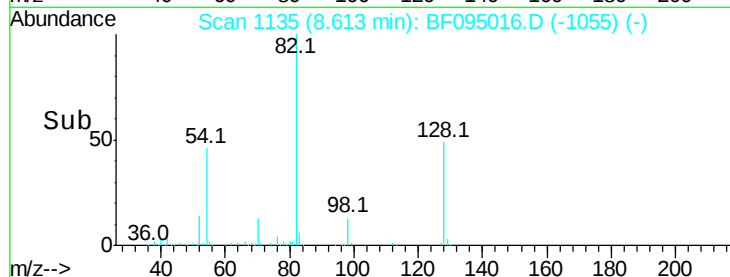
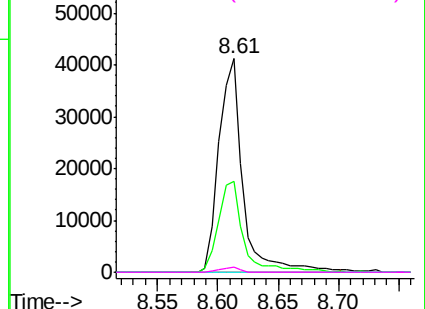


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.74 min Scan# 1326

Delta R.T. -0.02 min

Lab File: BF095016.D

Acq: 9 May 2017 11:02

Tgt Ion: 136 Resp: 366187

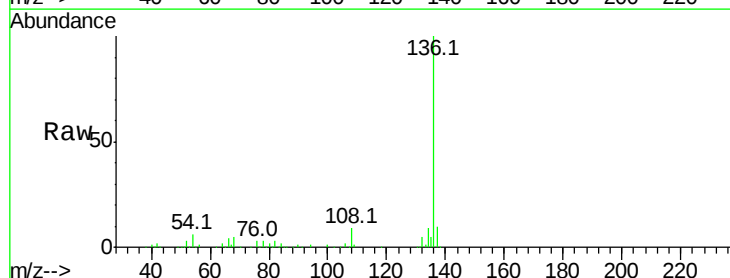
Ion Ratio Lower Upper

136 100

137 10.3 8.5 12.7

54 6.3 4.9 7.3

68 5.5 4.1 6.1

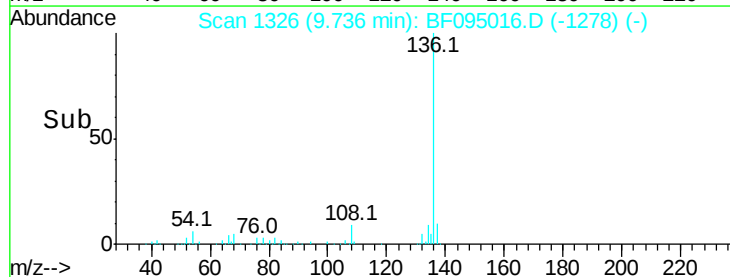
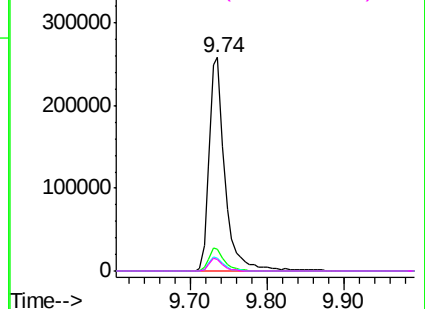


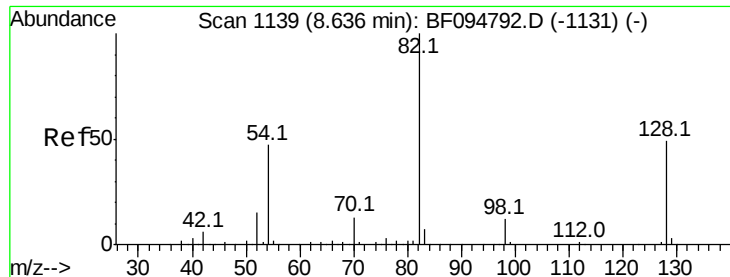
Abundance Ion 136.00 (135.70 to 136.70): E

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

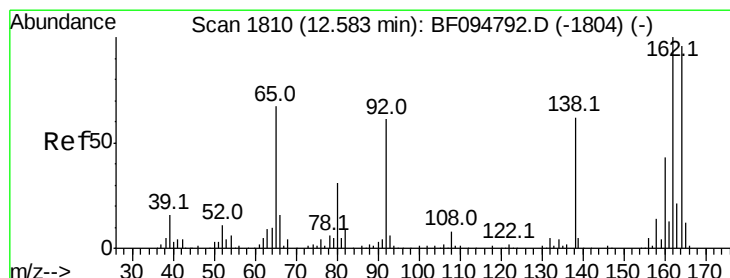
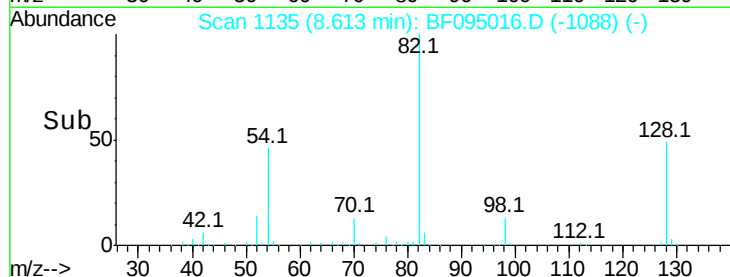
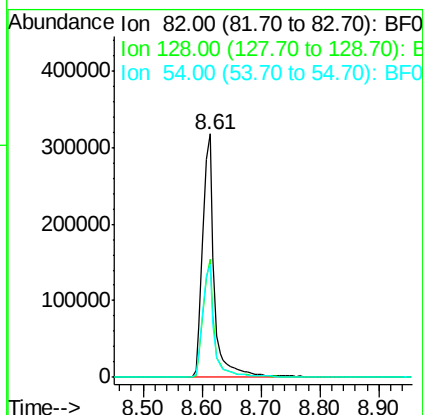
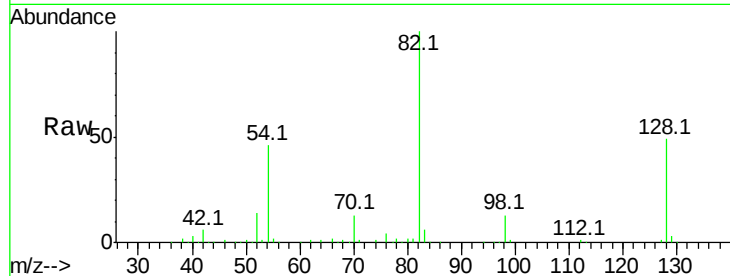




#23
 Nitrobenzene-d5
 Concen: 75.69 ng
 RT: 8.61 min Scan# 1135
 Delta R.T. -0.02 min
 Lab File: BF095016.D
 Acq: 9 May 2017 11:02

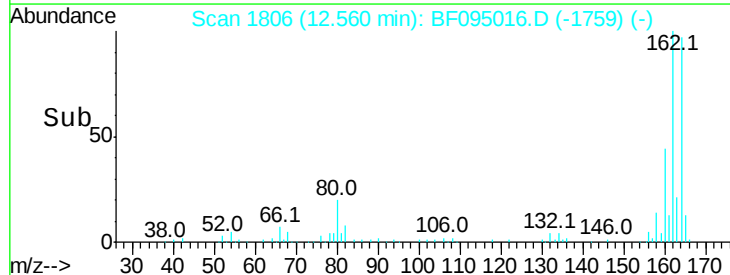
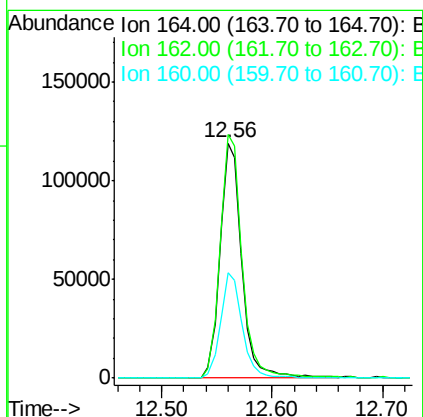
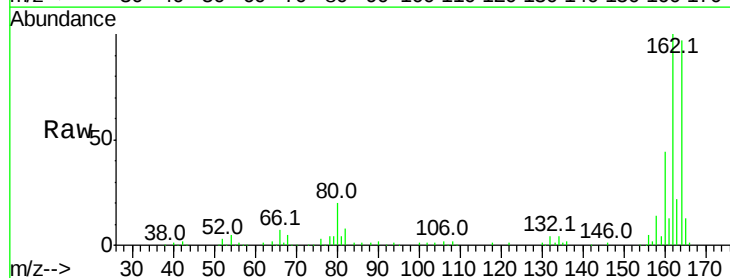
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 439550
 Ion Ratio Lower Upper
 82 100
 128 48.7 34.0 51.0
 54 46.4 42.2 63.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.56 min Scan# 1806
 Delta R.T. -0.02 min
 Lab File: BF095016.D
 Acq: 9 May 2017 11:02

Tgt Ion:164 Resp: 164487
 Ion Ratio Lower Upper
 164 100
 162 103.5 82.6 123.8
 160 45.0 36.2 54.2

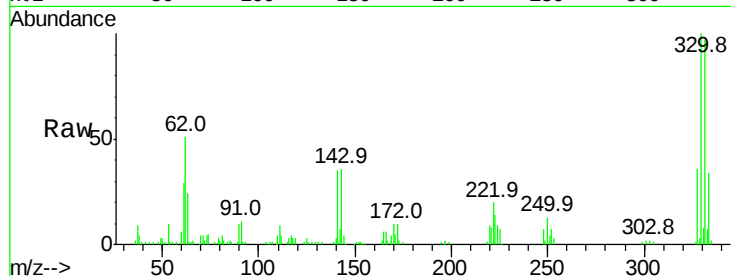




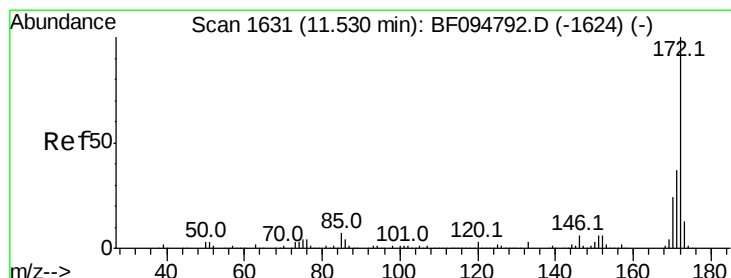
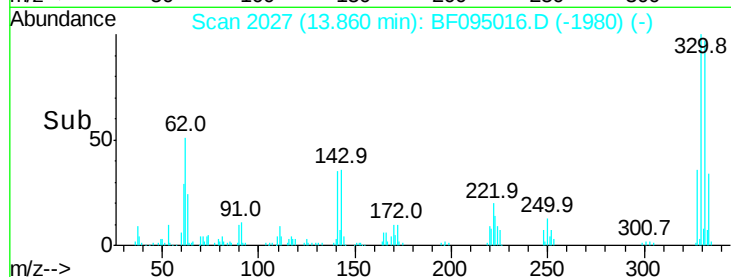
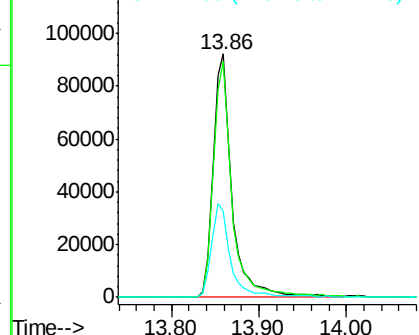
#41
 2,4,6-Tribromophenol
 Concen: 102.59 ng
 RT: 13.86 min Scan# 2027
 Delta R.T. -0.02 min
 Lab File: BF095016.D
 Acq: 9 May 2017 11:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	76.6	115.0
141	38.5	31.4	47.2

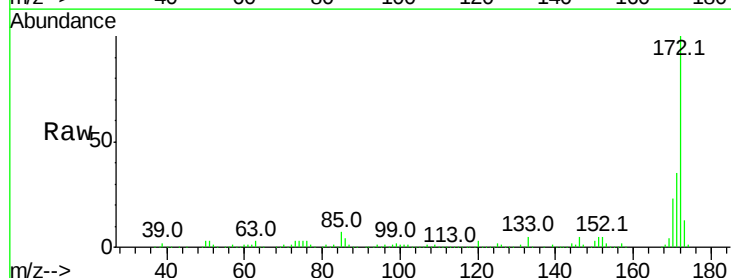


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

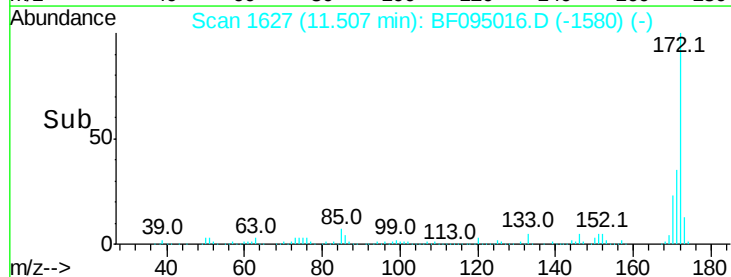
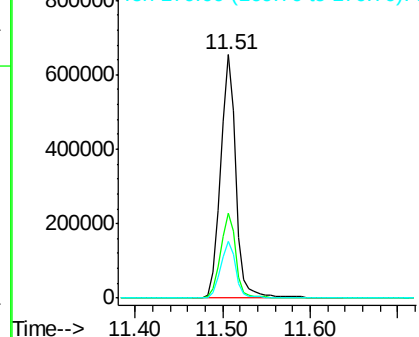


#44
 2-Fluorobiphenyl
 Concen: 69.88 ng
 RT: 11.51 min Scan# 1627
 Delta R.T. -0.02 min
 Lab File: BF095016.D
 Acq: 9 May 2017 11:02

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.0	29.6	44.4
170	23.4	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: 10.99 ng

RT: 12.20 min Scan# 1745

Delta R.T. -0.03 min

Lab File: BF095016.D

Acq: 9 May 2017 11:02

Instrument :

BNA_F

ClientSampled :

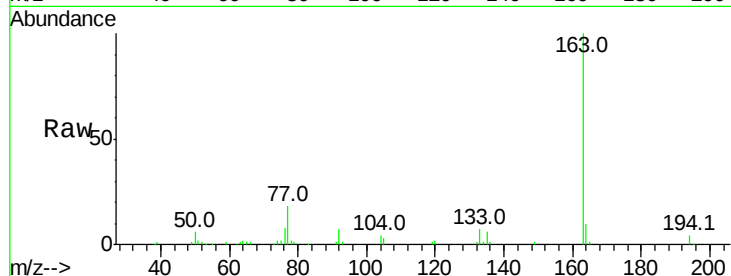
Tot Ion:163 Resp: 148394

Ion Ratio Lower Upper

163 100

194 3.7 2.6 4.0

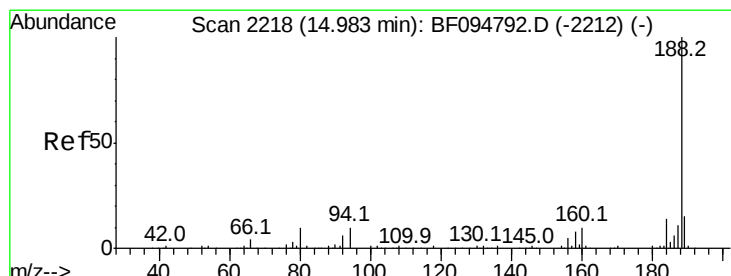
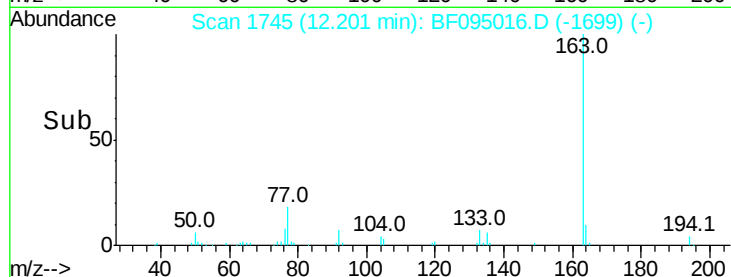
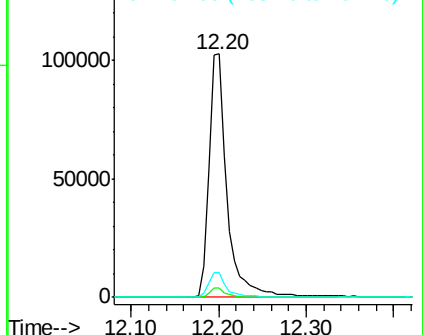
164 10.2 8.4 12.6



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: 14.97 min Scan# 2215

Delta R.T. -0.02 min

Lab File: BF095016.D

Acq: 9 May 2017 11:02

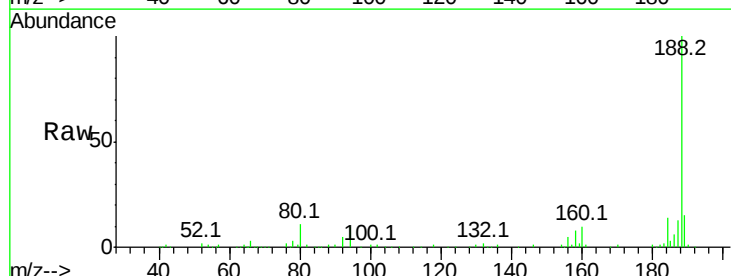
Tgt Ion:188 Resp: 257414

Ion Ratio Lower Upper

188 100

94 10.5 9.4 14.2

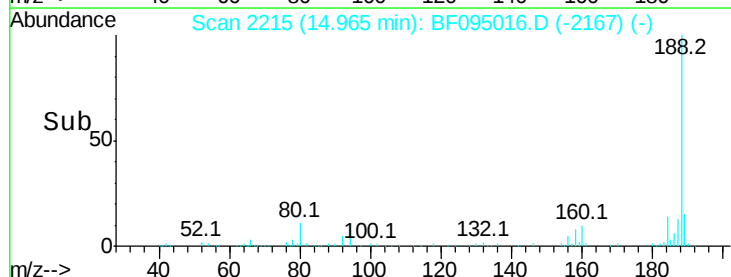
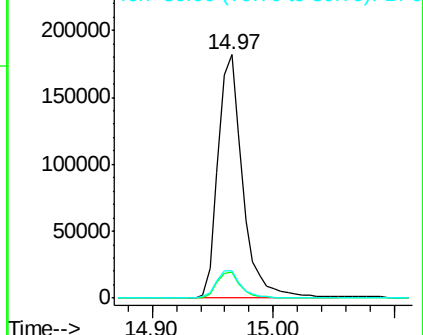
80 11.2 10.2 15.2

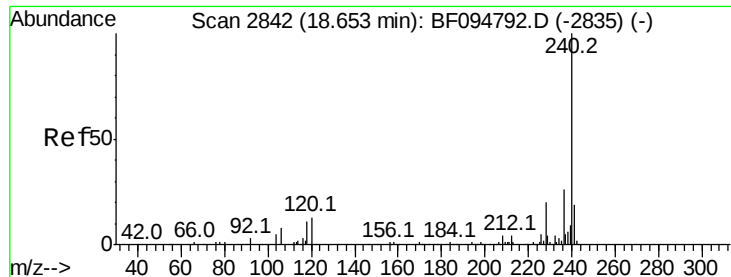


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.63 min Scan# 2838

Delta R.T. -0.02 min

Lab File: BF095016.D

Acq: 9 May 2017 11:02

Instrument :

BNA_F

ClientSampleId :

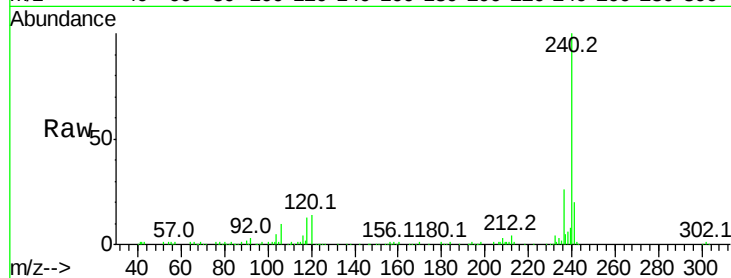
Tot Ion:240 Resp: 201096

Ion Ratio Lower Upper

240 100

120 14.2 5.8 8.8#

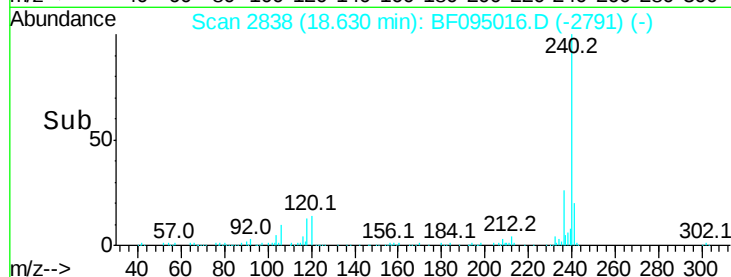
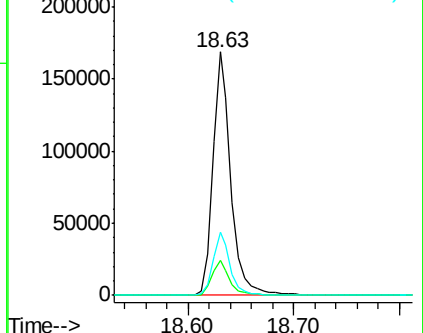
236 25.9 20.5 30.7



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: 59.26 ng

RT: 17.29 min Scan# 2610

Delta R.T. -0.02 min

Lab File: BF095016.D

Acq: 9 May 2017 11:02

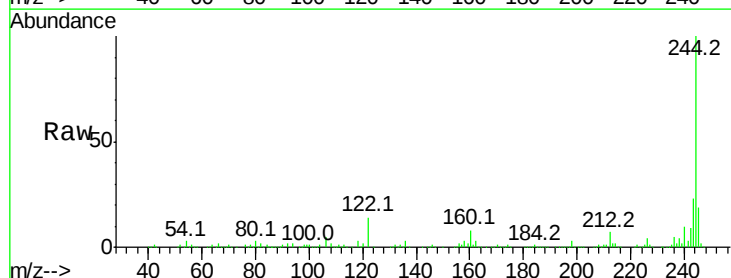
Tgt Ion:244 Resp: 541058

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

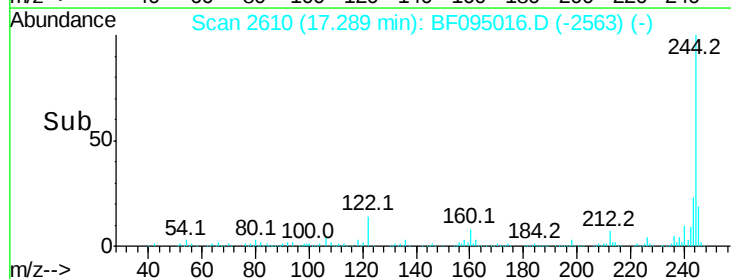
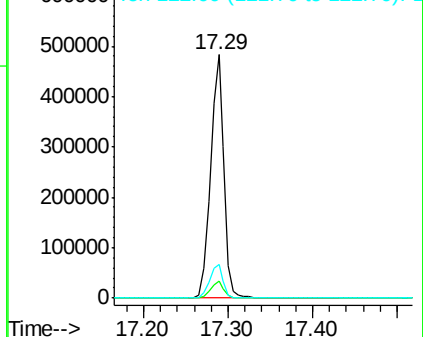
122 13.9 10.3 15.5

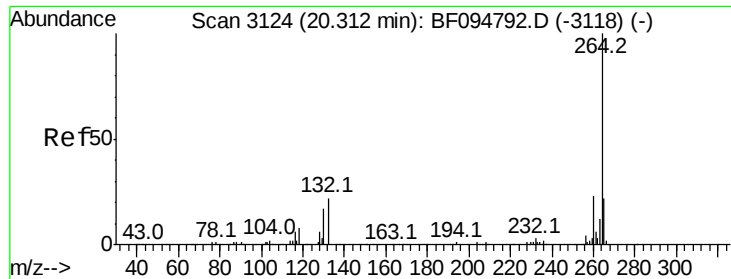


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

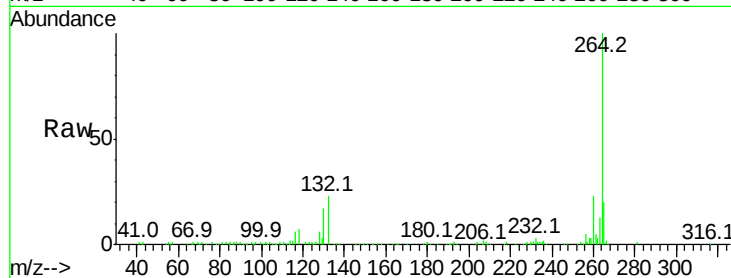




#86
Pervlene-d12
Concen: 20.00 ng
RT: 20.30 min Scan# 3122
Delta R.T. -0.01 min
Lab File: BF095016.D
Acq: 9 May 2017 11:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.5	29.3
265	20.0	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

