

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061417\
 Data File : BF095931.D
 Acq On : 14 Jun 2017 19:47
 Operator : SJ/MA
 Sample : I3670-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 15 01:08:05 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 05 16:15:31 2017
 Response via : Initial Calibration

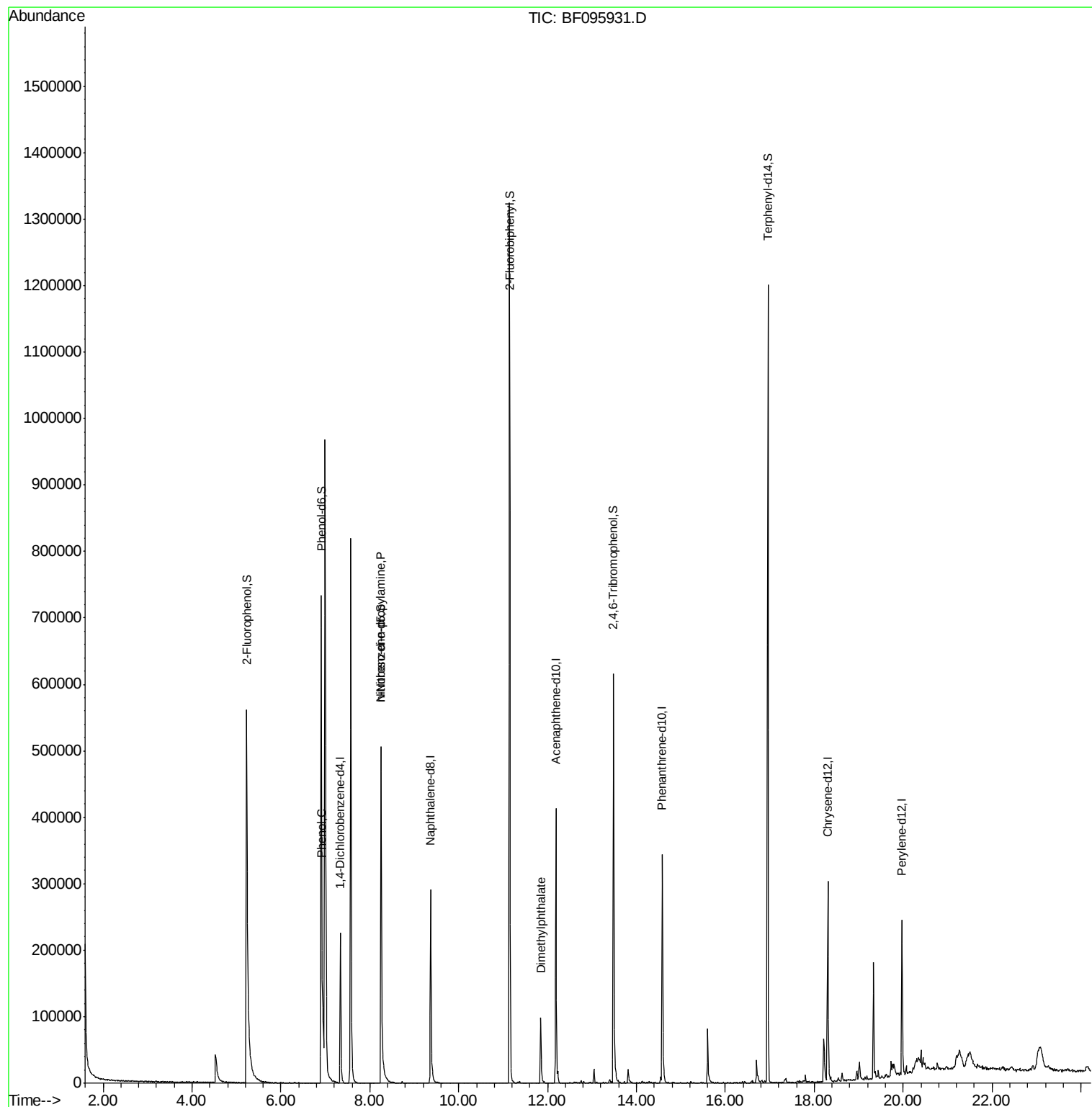
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.33	152	58477	20.00	ng	-0.06
21) Naphthalene-d8	9.37	136	243144	20.00	ng	-0.06
38) Acenaphthene-d10	12.19	164	116101	20.00	ng	-0.07
63) Phenanthrene-d10	14.58	188	205284	20.00	ng	-0.06
75) Chrysene-d12	18.30	240	155527	20.00	ng	-0.05
86) Perylene-d12	19.97	264	120328	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	425639	115.98	ng	-0.06
7) Phenol-d6	6.90	99	527389	120.04	ng	-0.05
23) Nitrobenzene-d5	8.25	82	299921	76.61	ng	-0.07
41) 2,4,6-Tribromophenol	13.48	330	112221	109.25	ng	-0.07
44) 2-Fluorobiphenyl	11.14	172	592785	71.05	ng	-0.07
78) Terphenyl-d14	16.96	244	460006	73.40	ng	-0.06
Target Compounds						
10) Phenol	6.92	94	17233	3.78	ng	# 67
19) n-Nitroso-di-n-propylamine	8.25	70	35683	12.82	ng	# 77
49) Dimethylphthalate	11.84	163	71518	8.11	ng	97

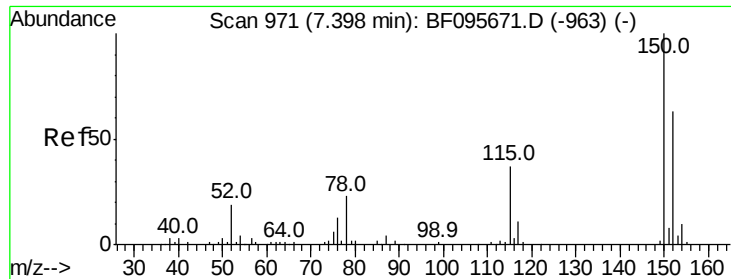
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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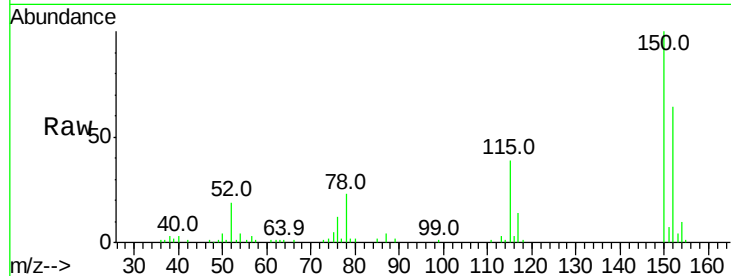


#1

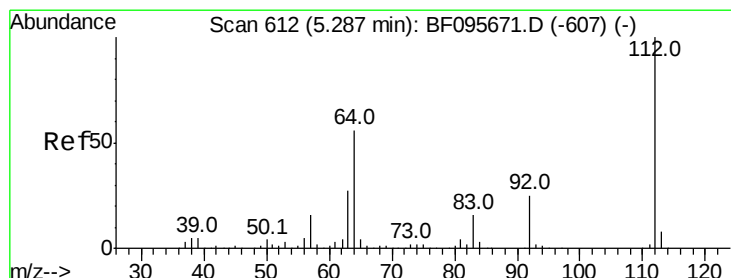
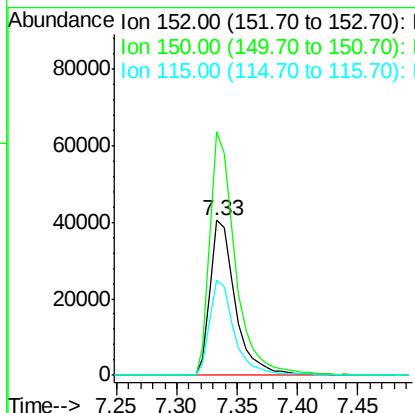
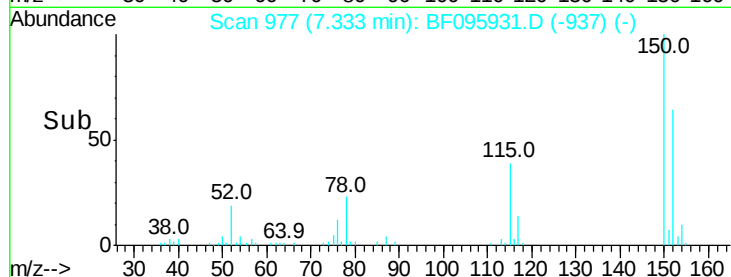
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.33 min Scan# 977
Delta R.T. -0.06 min
Lab File: BF095931.D
Acq: 14 Jun 2017 19:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 58477
Ion Ratio Lower Upper
152 100
150 157.4 126.2 189.2
115 61.3 52.2 78.2



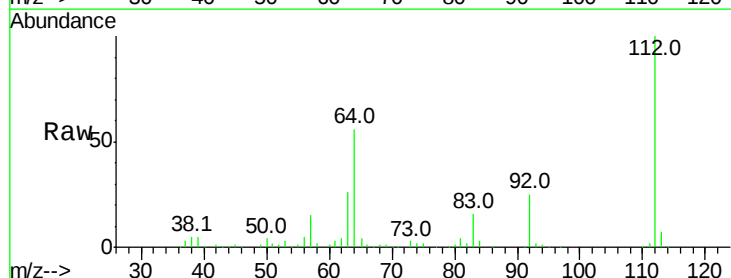
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



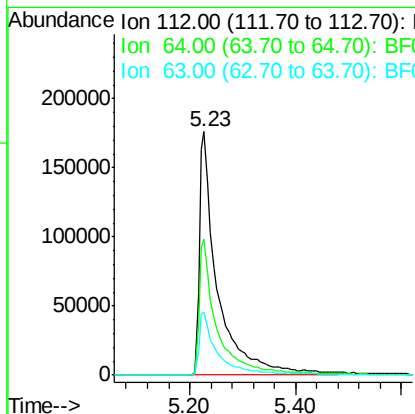
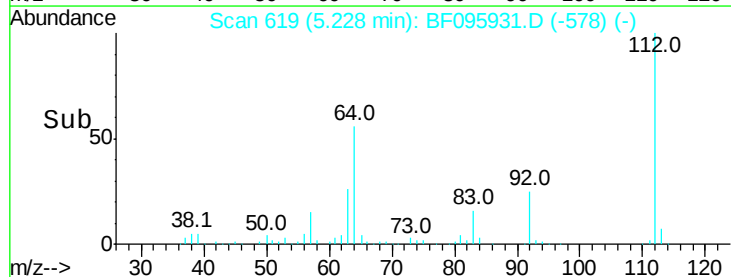
#5

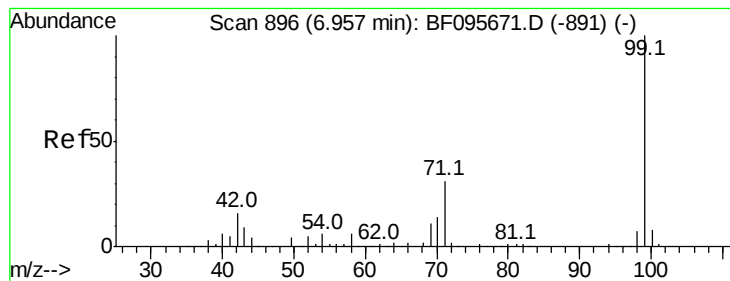
2-Fluorophenol
Concen: 115.98 ng
RT: 5.23 min Scan# 619
Delta R.T. -0.06 min
Lab File: BF095931.D
Acq: 14 Jun 2017 19:47

Tgt Ion:112 Resp: 425639
Ion Ratio Lower Upper
112 100
64 55.9 46.0 69.0
63 26.2 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: 120.04 ng

RT: 6.90 min Scan# 904

Delta R.T. -0.05 min

Lab File: BF095931.D

Acq: 14 Jun 2017 19:47

Instrument :

BNA_F

ClientSampleId :

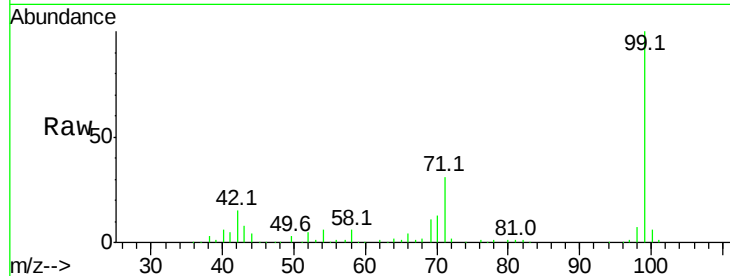
Tot Ion: 99 Resp: 527389

Ion Ratio Lower Upper

99 100

42 14.7 13.5 20.3

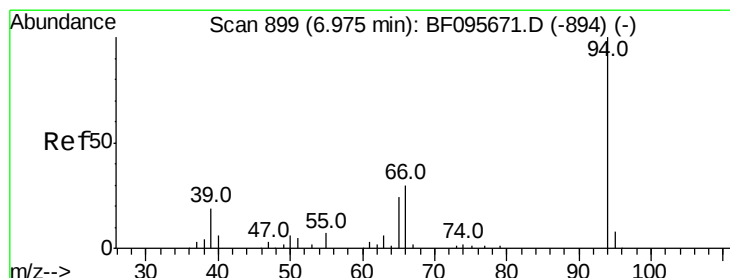
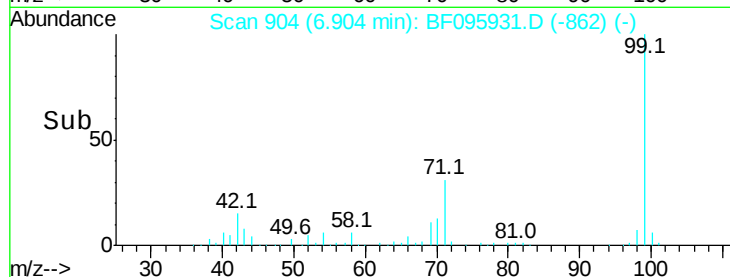
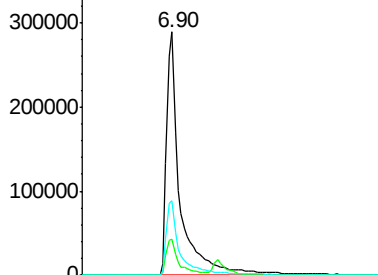
71 30.8 24.5 36.7



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: 3.78 ng

RT: 6.92 min Scan# 907

Delta R.T. -0.05 min

Lab File: BF095931.D

Acq: 14 Jun 2017 19:47

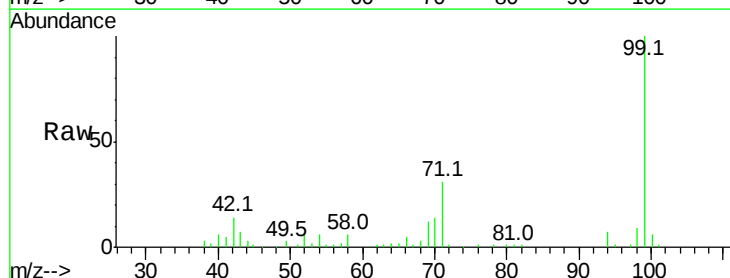
Tgt Ion: 94 Resp: 17233

Ion Ratio Lower Upper

94 100

65 34.5 9.9 49.9

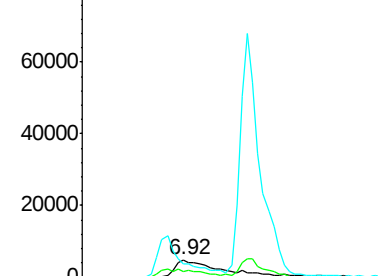
66 75.2 23.1 63.1#

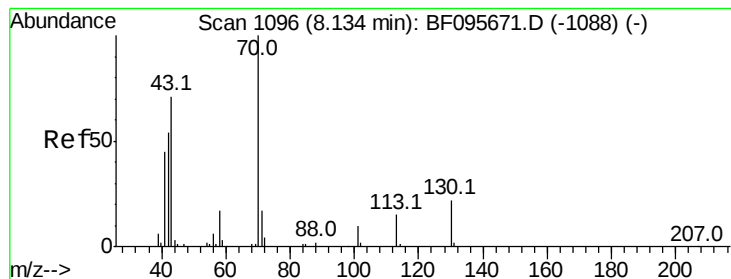


Abundance Ion 94.00 (93.70 to 94.70): BF0

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: 12.82 ng

RT: 8.25 min Scan# 1133

Delta R.T. 0.12 min

Lab File: BF095931.D

Acq: 14 Jun 2017 19:47

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 35683

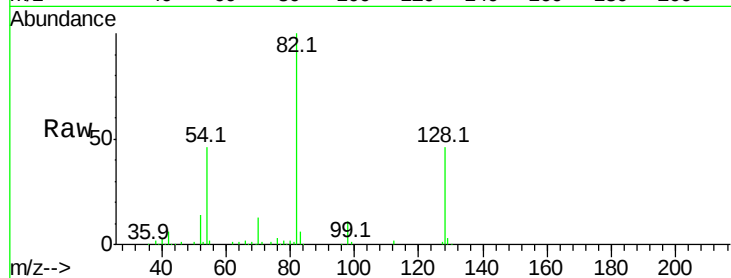
Ion Ratio Lower Upper

70 100

42 45.7 47.2 70.8#

101 0.0 7.2 10.8#

130 2.7 15.9 23.9#

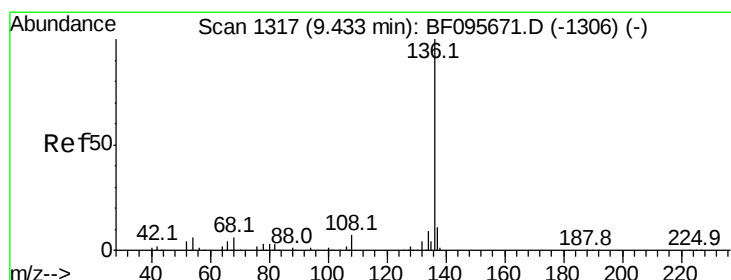
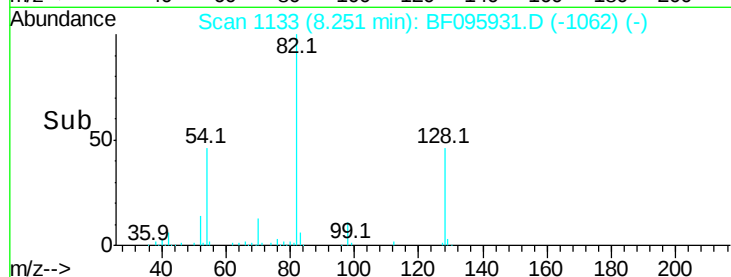
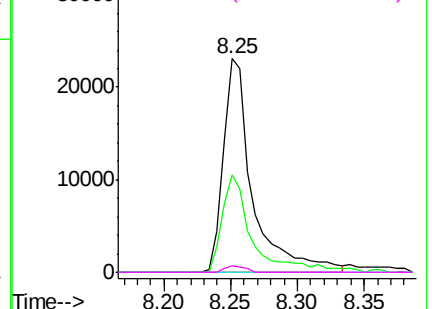


Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 9.37 min Scan# 1323

Delta R.T. -0.06 min

Lab File: BF095931.D

Acq: 14 Jun 2017 19:47

Tgt Ion: 136 Resp: 243144

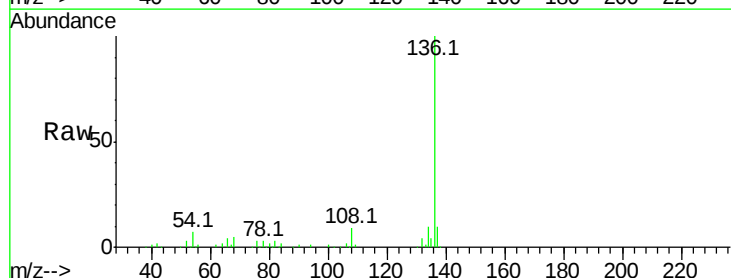
Ion Ratio Lower Upper

136 100

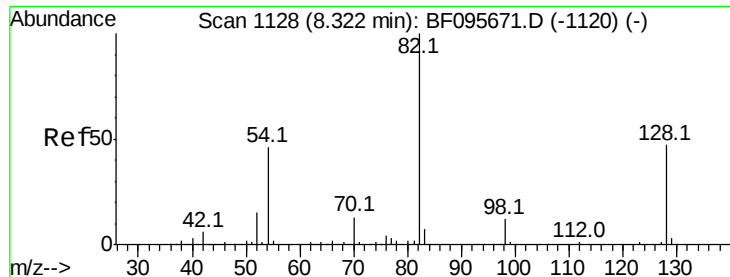
137 10.0 8.5 12.7

54 6.5 4.9 7.3

68 5.2 4.1 6.1



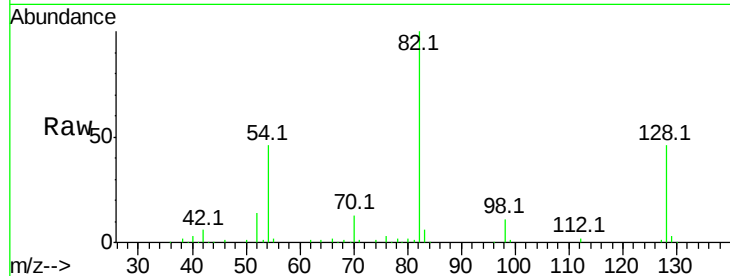
Abundance Ion 136.00 (135.70 to 136.70): BF



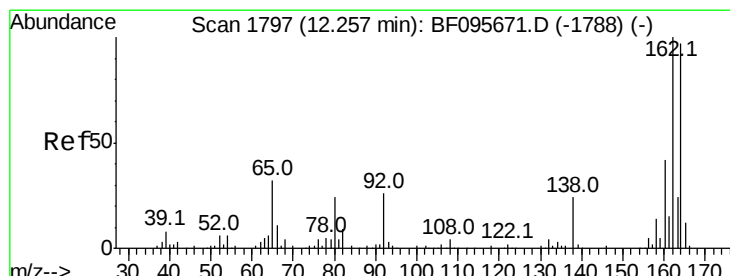
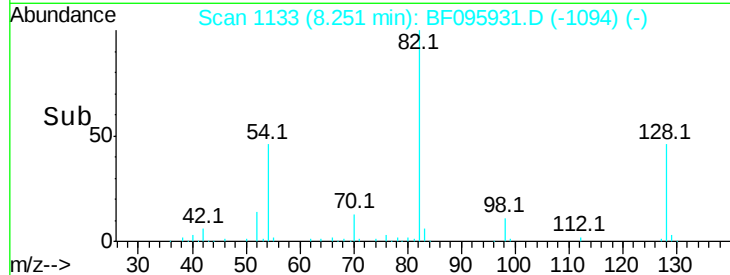
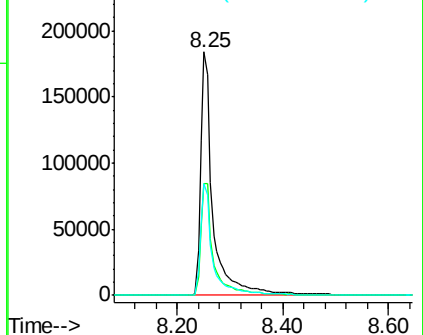
#23
Nitrobenzene-d5
Concen: 76.61 ng
RT: 8.25 min Scan# 1133
Delta R.T. -0.07 min
Lab File: BF095931.D
Acq: 14 Jun 2017 19:47

Instrument :
BNA_F
ClientSampled :

Tot Ion	82	Resp	299921
Ion Ratio	Lower	Upper	
82	100		
128	45.7	34.0	51.0
54	45.9	42.2	63.2

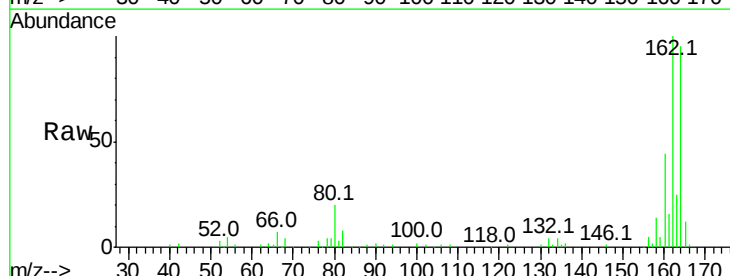


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

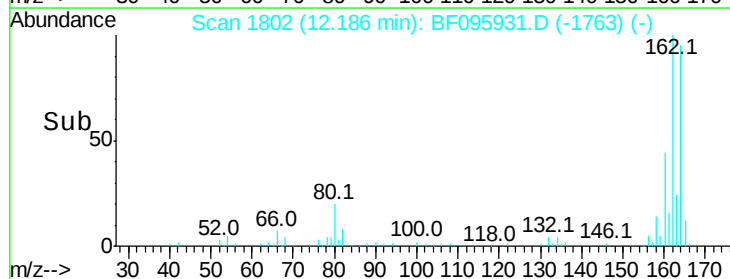
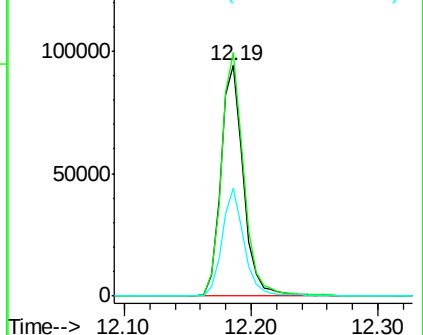


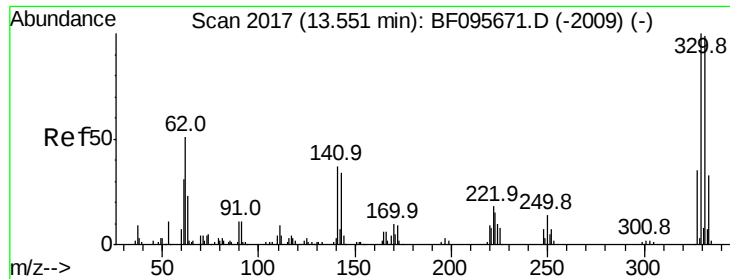
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.19 min Scan# 1802
Delta R.T. -0.07 min
Lab File: BF095931.D
Acq: 14 Jun 2017 19:47

Tgt Ion	164	Resp	116101
Ion Ratio	Lower	Upper	
164	100		
162	105.6	82.6	123.8
160	46.7	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

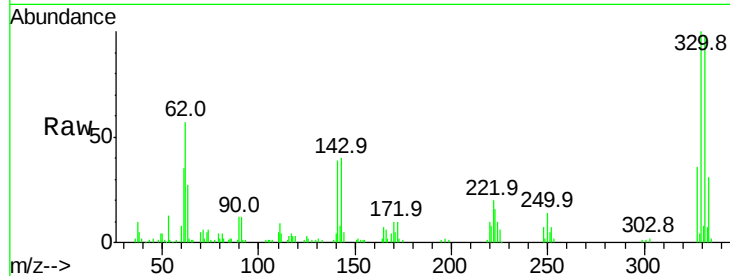




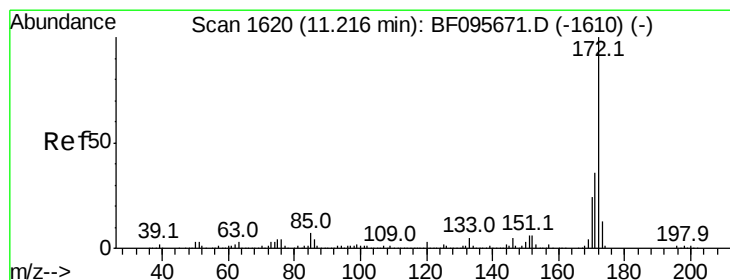
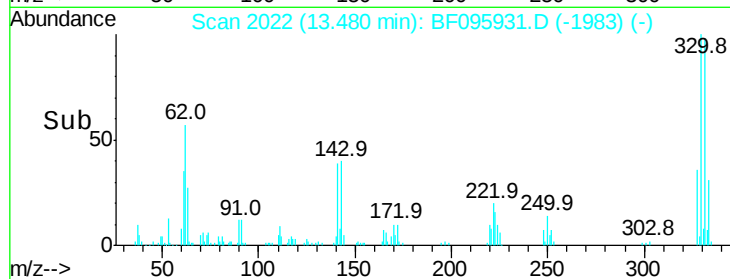
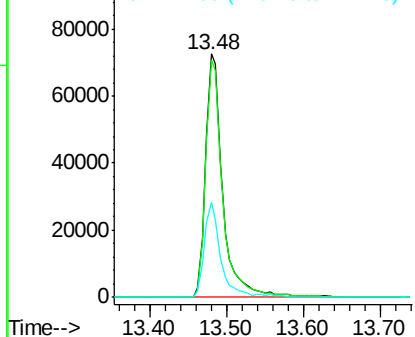
#41
 2,4,6-Tribromophenol
 Concen: 109.25 ng
 RT: 13.48 min Scan# 2022
 Delta R.T. -0.07 min
 Lab File: BF095931.D
 Acq: 14 Jun 2017 19:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 112221
 Ion Ratio Lower Upper
 330 100
 332 97.0 76.6 115.0
 141 37.7 31.4 47.2

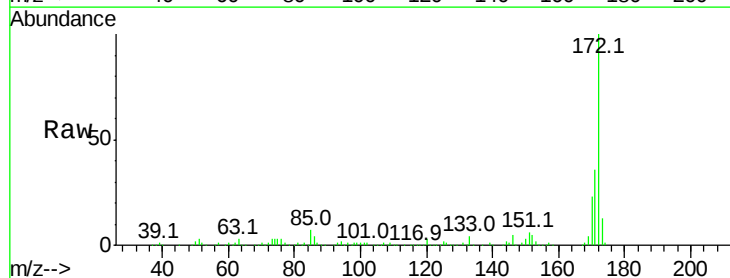


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

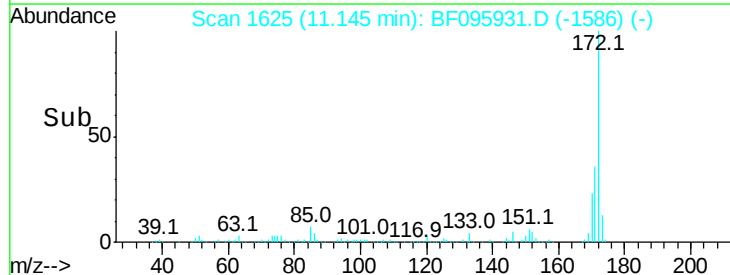
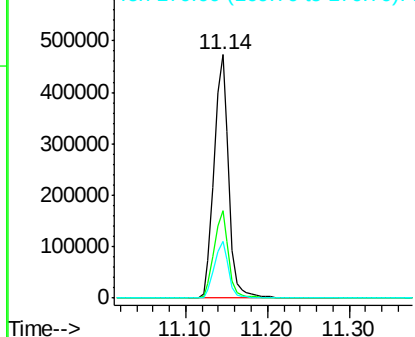


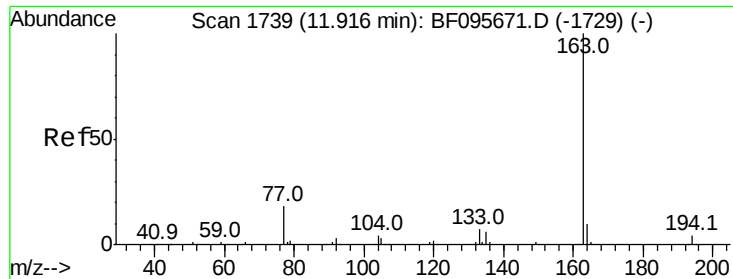
#44
 2-Fluorobiphenyl
 Concen: 71.05 ng
 RT: 11.14 min Scan# 1625
 Delta R.T. -0.07 min
 Lab File: BF095931.D
 Acq: 14 Jun 2017 19:47

Tgt Ion:172 Resp: 592785
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.6 44.4
 170 23.2 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: 8.11 ng

RT: 11.84 min Scan# 1744

Delta R.T. -0.07 min

Lab File: BF095931.D

Acq: 14 Jun 2017 19:47

Instrument :

BNA_F

ClientSampleId :

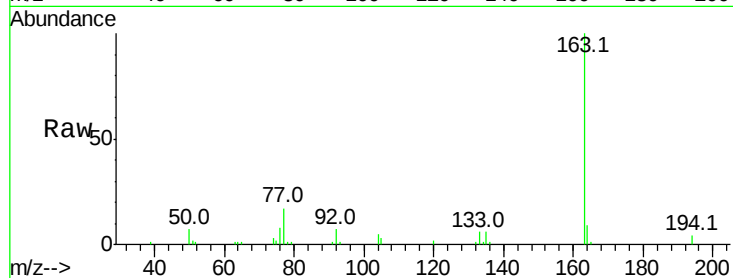
Tot Ion:163 Resp: 71518

Ion Ratio Lower Upper

163 100

194 3.7 2.6 4.0

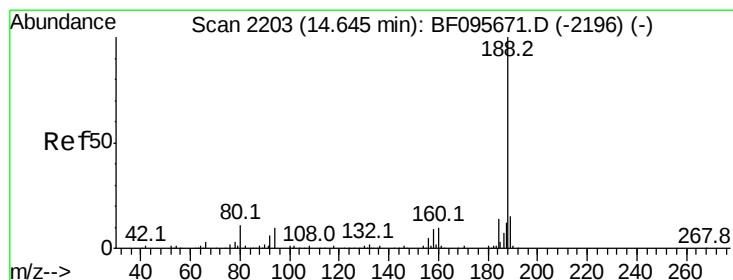
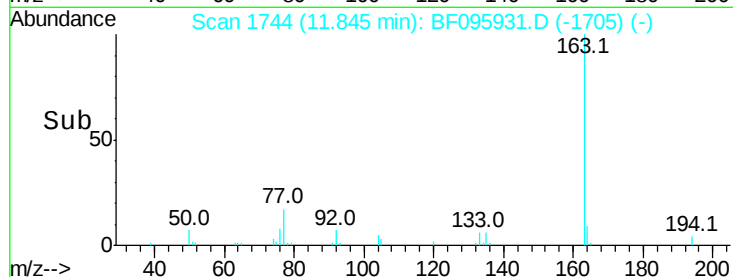
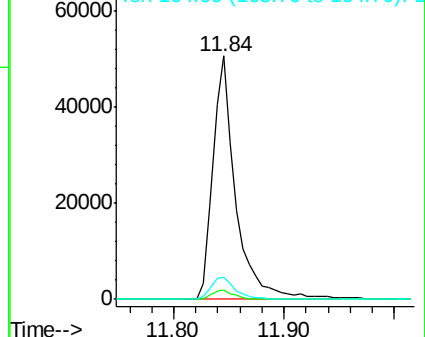
164 9.0 8.4 12.6



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: 14.58 min Scan# 2209

Delta R.T. -0.06 min

Lab File: BF095931.D

Acq: 14 Jun 2017 19:47

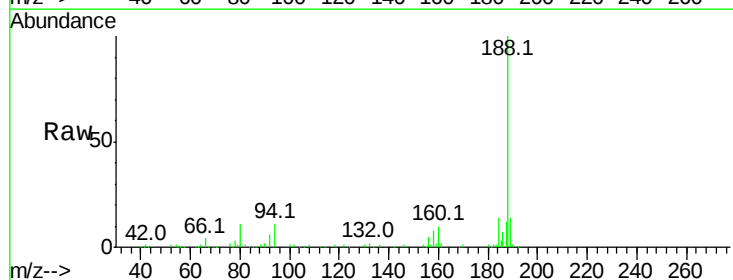
Tgt Ion:188 Resp: 205284

Ion Ratio Lower Upper

188 100

94 10.7 9.4 14.2

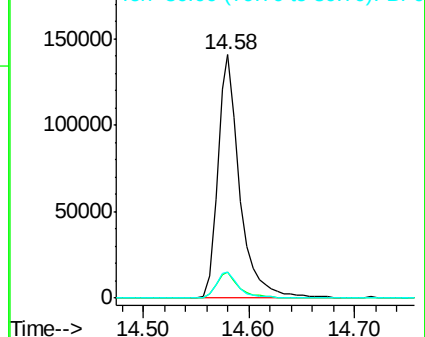
80 10.8 10.2 15.2

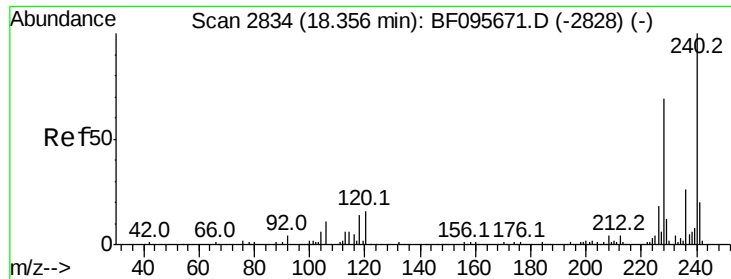


Abundance Ion 188.00 (187.70 to 188.70): E

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: 18.30 min Scan# 2842

Delta R.T. -0.05 min

Lab File: BF095931.D

Acq: 14 Jun 2017 19:47

Instrument :

BNA_F

ClientSampled :

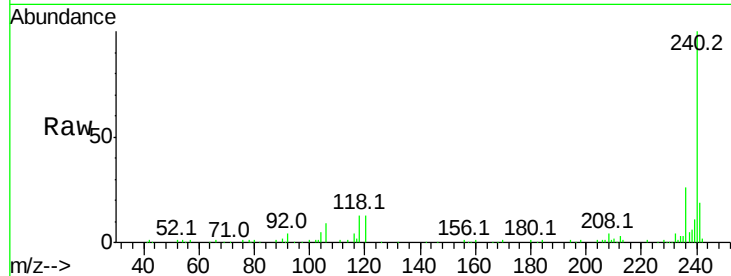
Tot Ion:240 Resp: 155527

Ion Ratio Lower Upper

240 100

120 13.2 5.8 8.8#

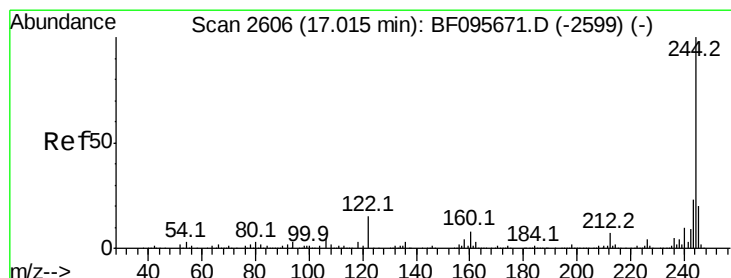
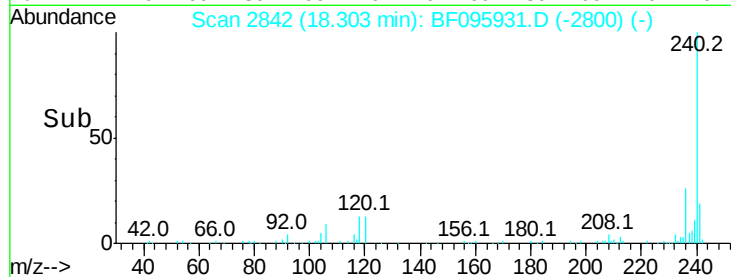
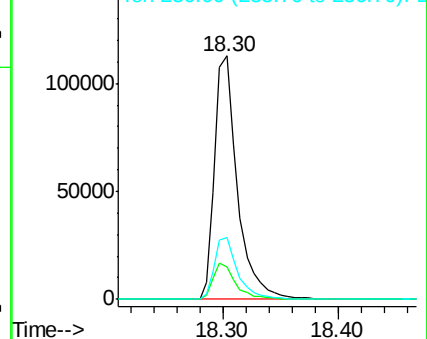
236 25.6 20.5 30.7



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: 73.40 ng

RT: 16.96 min Scan# 2613

Delta R.T. -0.06 min

Lab File: BF095931.D

Acq: 14 Jun 2017 19:47

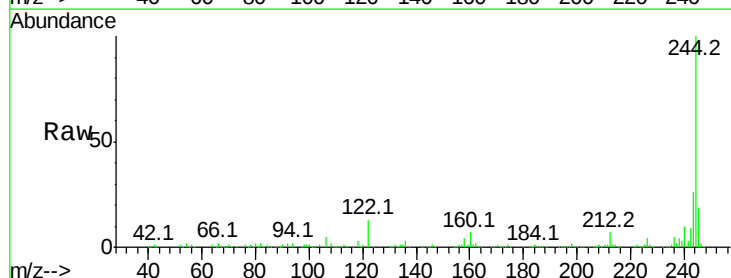
Tgt Ion:244 Resp: 460006

Ion Ratio Lower Upper

244 100

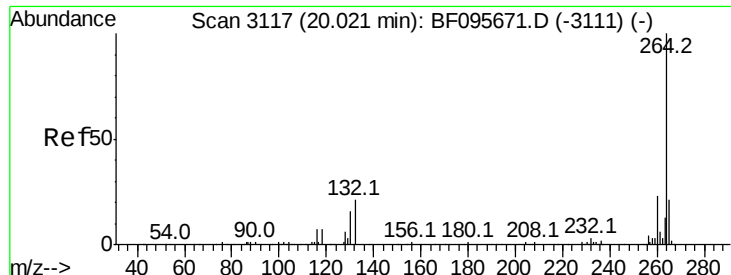
212 6.5 6.0 9.0

122 13.0 10.3 15.5



Abundance Ion 244.00 (243.70 to 244.70): E

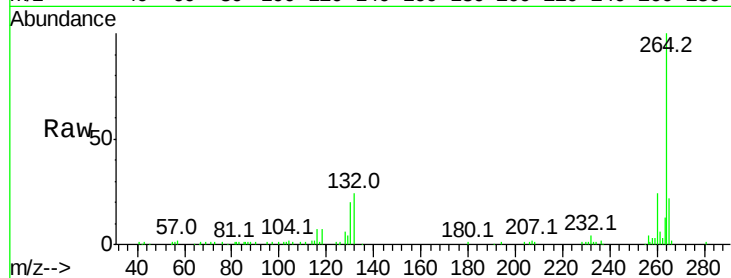
Ion 212.00 (211.70 to 212.70): E



#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 19.97 min Scan# 3125
 Delta R.T. -0.05 min
 Lab File: BF095931.D
 Acq: 14 Jun 2017 19:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	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

