

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052717\
 Data File : BF095508.D
 Acq On : 27 May 2017 21:16
 Operator : SJ/MA
 Sample : I3306-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 29 01:16:46 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

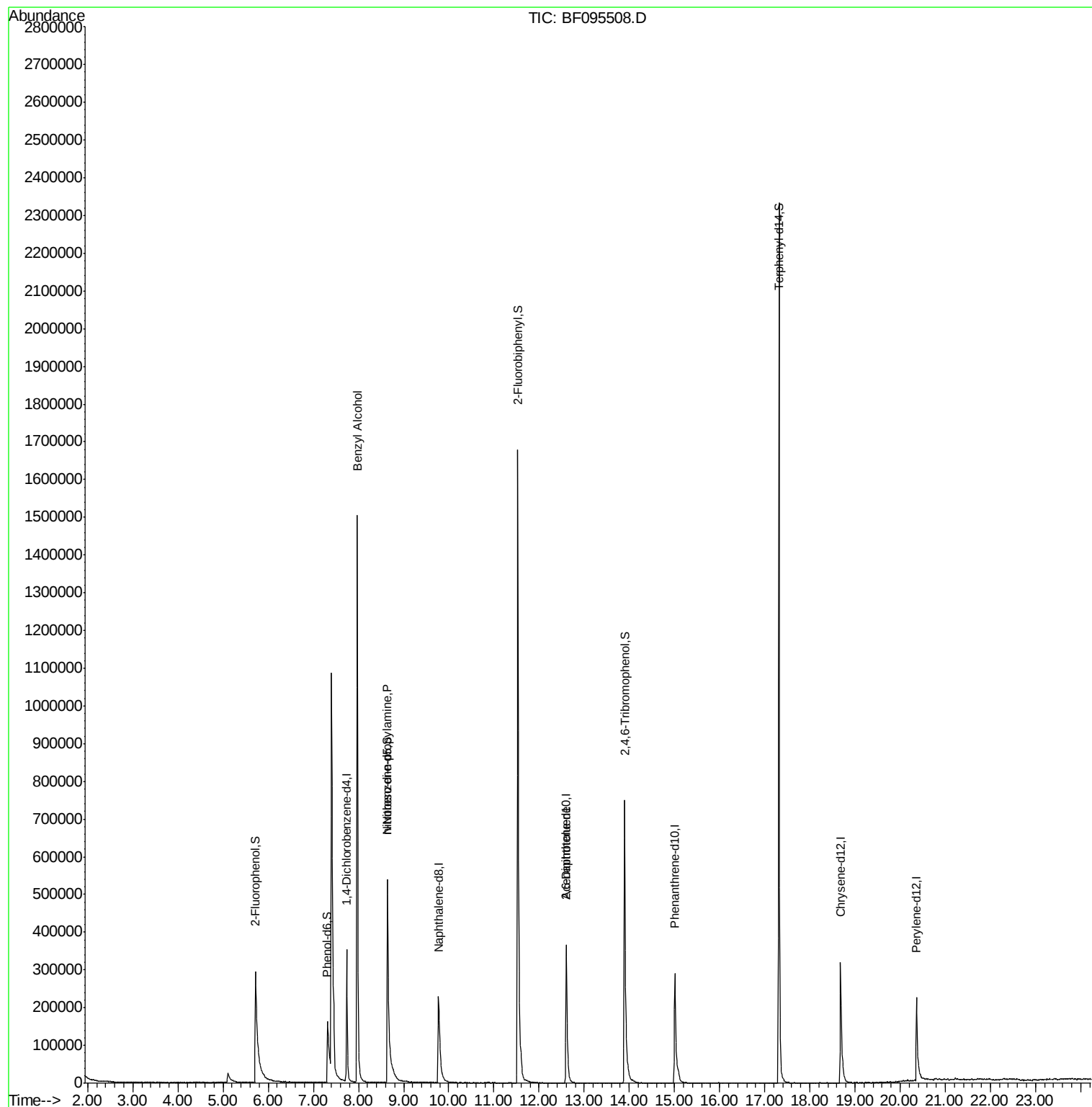
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	90501	20.00	ng	0.00
21) Naphthalene-d8	9.77	136	368290	20.00	ng	0.01
38) Acenaphthene-d10	12.60	164	177810	20.00	ng	0.00
63) Phenanthrene-d10	15.01	188	318512	20.00	ng	0.00
75) Chrysene-d12	18.68	240	262014	20.00	ng	0.00
86) Perylene-d12	20.37	264	183015	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	336698	62.03	ng	0.01
7) Phenol-d6	7.31	99	270115	41.47	ng	0.02
23) Nitrobenzene-d5	8.64	82	514432	88.08	ng	-0.01
41) 2,4,6-Tribromophenol	13.89	330	205799	141.33	ng	0.00
44) 2-Fluorobiphenyl	11.53	172	1171734	94.85	ng	0.00
78) Terphenyl-d14	17.32	244	1030477	86.62	ng	0.00
Target Compounds						
15) Benzyl Alcohol	7.97	79	8584	2.05	ng	# 36
19) n-Nitroso-di-n-propylamine	8.64	70	55870	12.68	ng	# 75
50) 2,6-Dinitrotoluene	12.60	165	18053	6.06	ng	# 31

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

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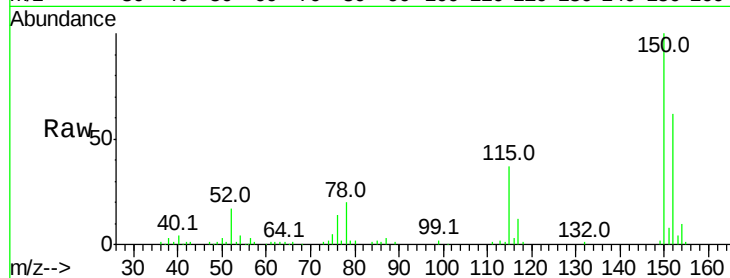


#1

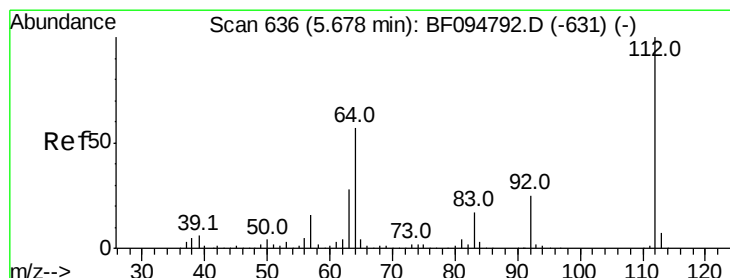
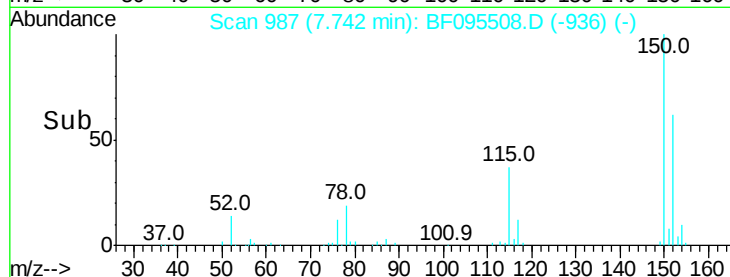
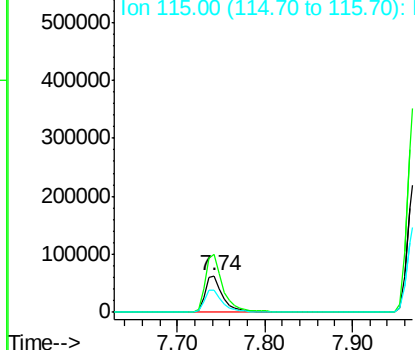
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.74 min Scan# 987
Delta R.T. 0.00 min
Lab File: BF095508.D
Acq: 27 May 2017 21:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 90501
Ion Ratio Lower Upper
152 100
150 160.8 126.2 189.2
115 59.7 52.2 78.2



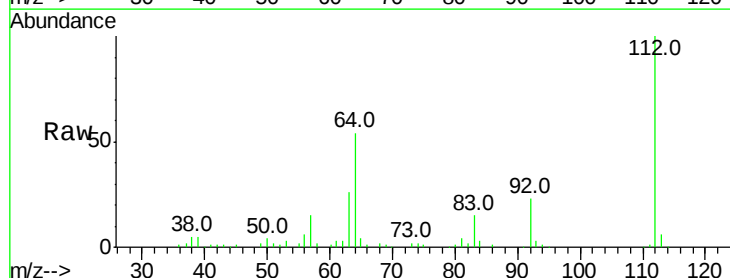
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



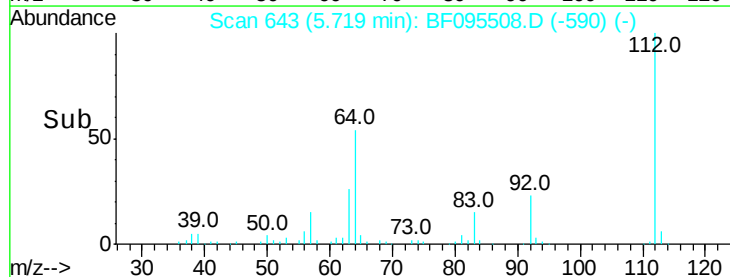
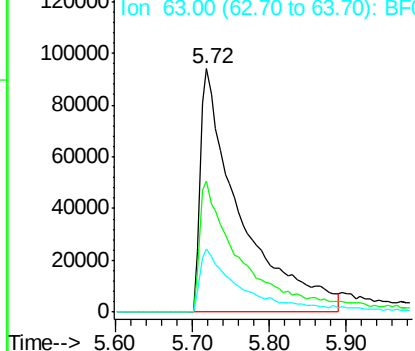
#5

2-Fluorophenol
Concen: 62.03 ng
RT: 5.72 min Scan# 643
Delta R.T. 0.01 min
Lab File: BF095508.D
Acq: 27 May 2017 21:16

Tgt Ion:112 Resp: 336698
Ion Ratio Lower Upper
112 100
64 53.8 46.0 69.0
63 26.1 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: 41.47 ng

RT: 7.31 min Scan# 914

Delta R.T. 0.02 min

Lab File: BF095508.D

Acq: 27 May 2017 21:16

Instrument :

BNA_F

ClientSampleId :

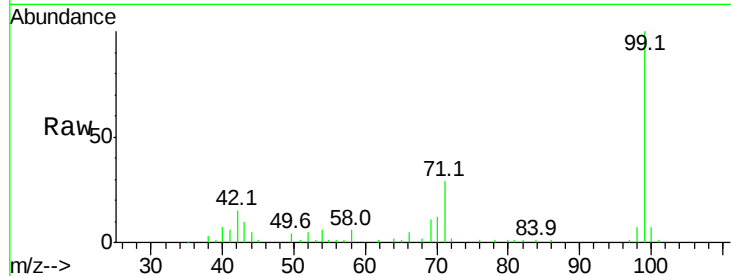
Tot Ion: 99 Resp: 270115

Ion Ratio Lower Upper

99 100

42 14.8 13.5 20.3

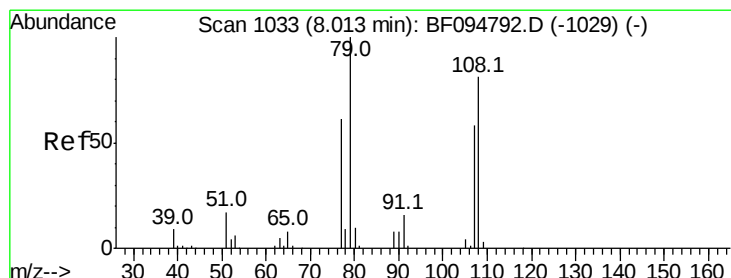
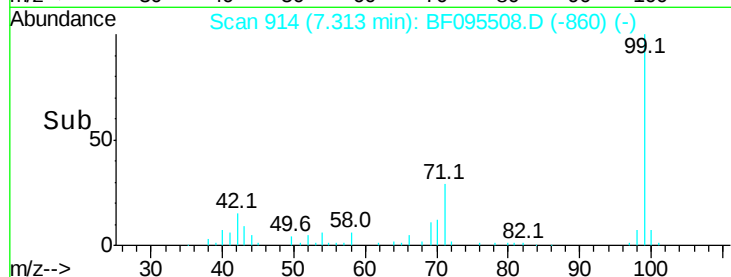
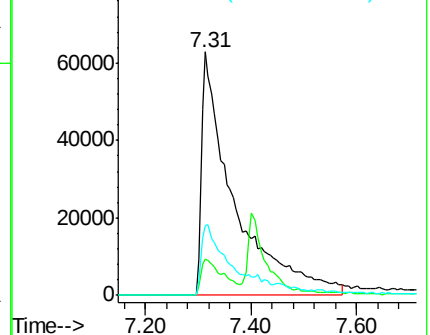
71 28.8 24.5 36.7



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



#15

Benzyl Alcohol

Concen: 2.05 ng

RT: 7.97 min Scan# 1026

Delta R.T. -0.06 min

Lab File: BF095508.D

Acq: 27 May 2017 21:16

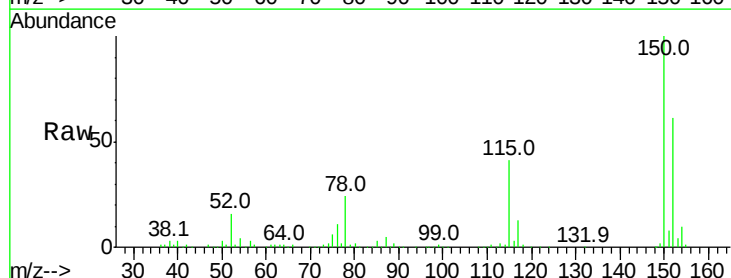
Tgt Ion: 79 Resp: 8584

Ion Ratio Lower Upper

79 100

108 32.5 63.4 95.0#

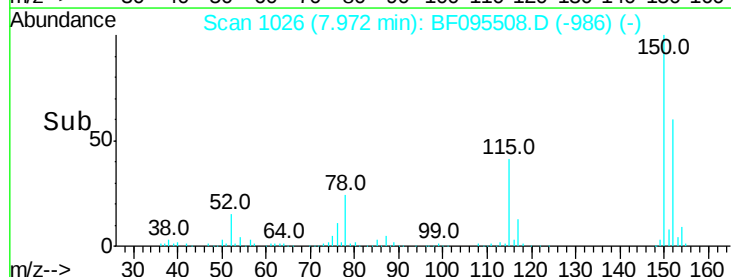
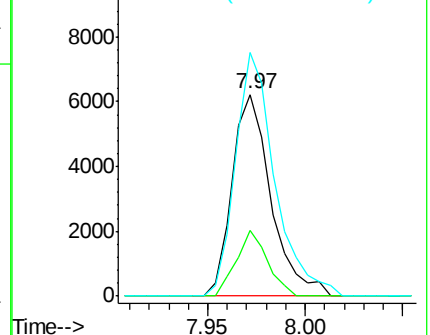
77 120.7 49.2 73.8#

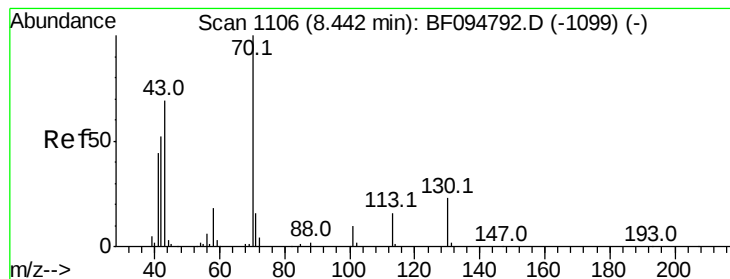


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0





#19

n-Nitroso-di-n-propylamine

Concen: 12.68 ng

RT: 8.64 min Scan# 1140

Delta R.T. 0.18 min

Lab File: BF095508.D

Acq: 27 May 2017 21:16

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 55870

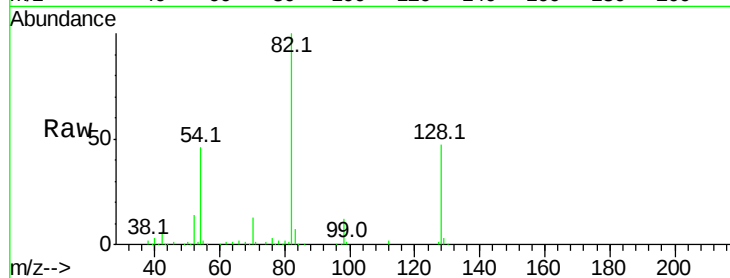
Ion Ratio Lower Upper

70 100

42 43.0 47.2 70.8#

101 0.0 7.2 10.8#

130 2.7 15.9 23.9#

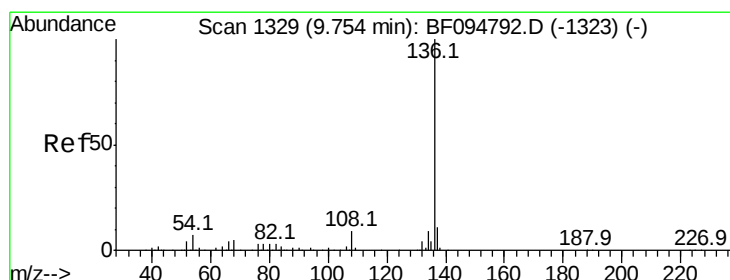
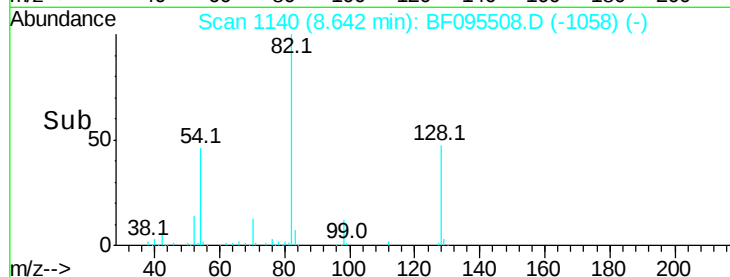
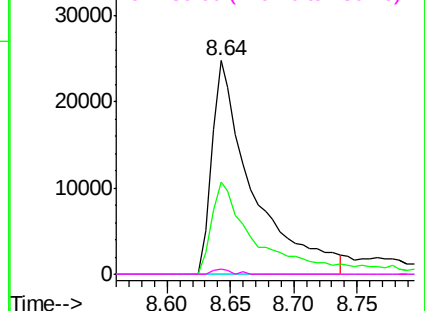


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.77 min Scan# 1332

Delta R.T. 0.01 min

Lab File: BF095508.D

Acq: 27 May 2017 21:16

Tgt Ion:136 Resp: 368290

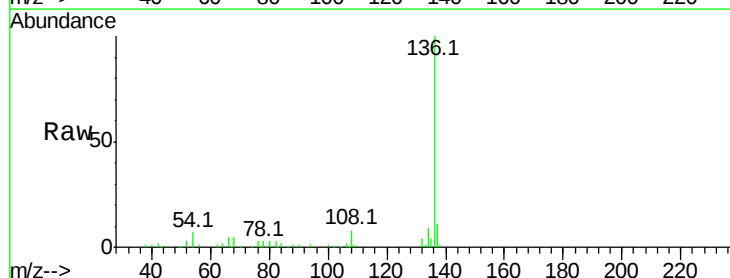
Ion Ratio Lower Upper

136 100

137 11.2 8.5 12.7

54 7.0 4.9 7.3

68 5.2 4.1 6.1

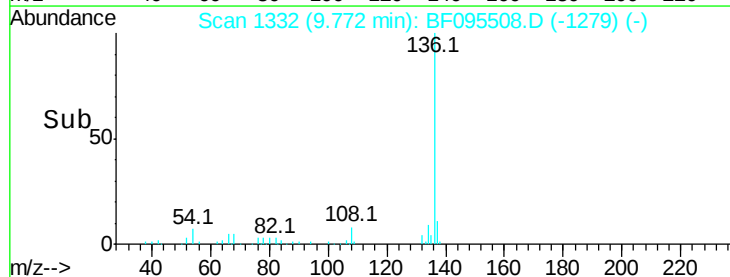
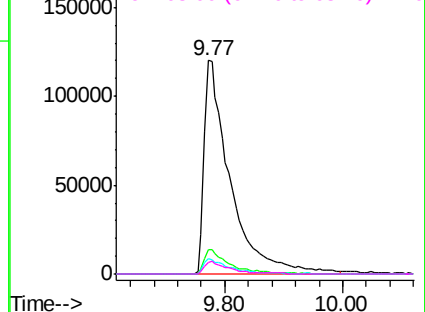


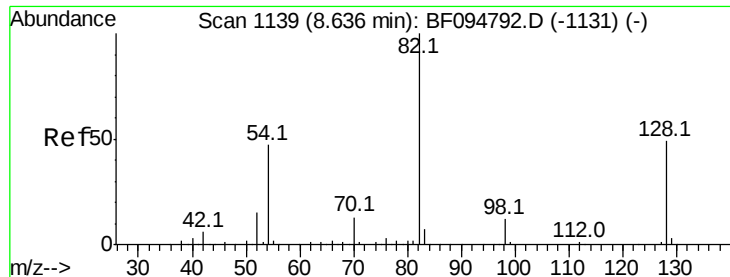
Abundance Ion 136.00 (135.70 to 136.70): E

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

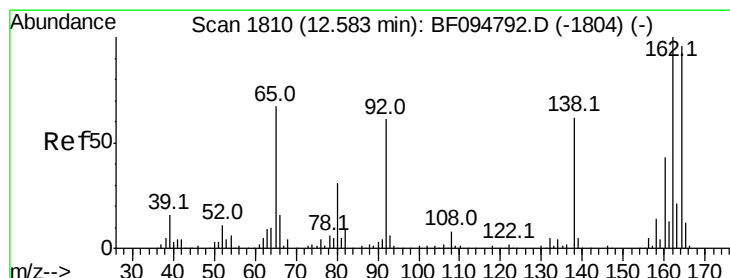
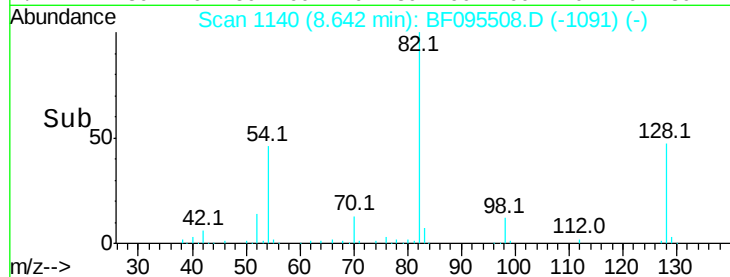
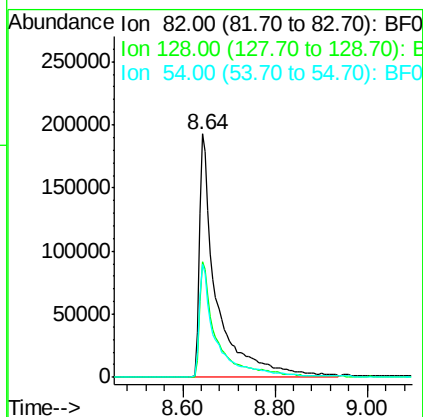
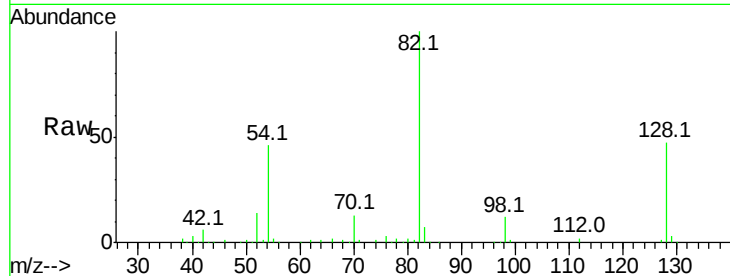




#23
 Nitrobenzene-d5
 Concen: 88.08 ng
 RT: 8.64 min Scan# 1140
 Delta R.T. -0.01 min
 Lab File: BF095508.D
 Acq: 27 May 2017 21:16

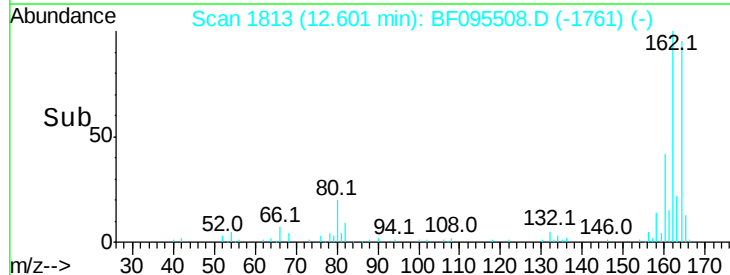
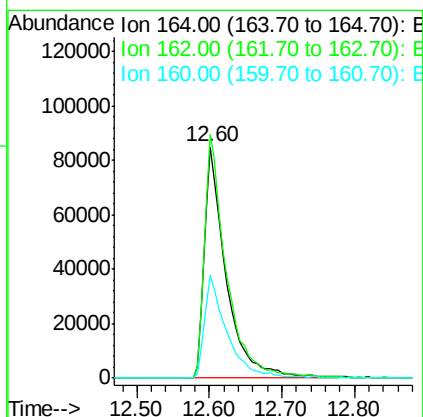
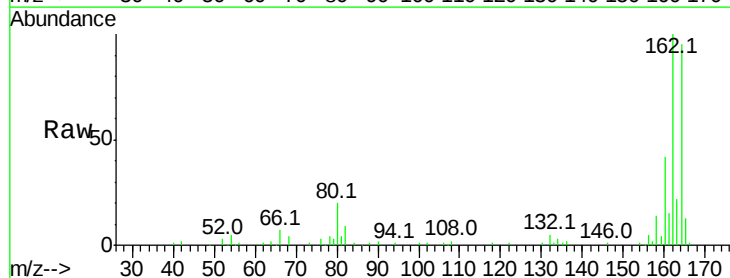
Instrument :
 BNA_F
 ClientSampled :

Tot Ion: 82 Resp: 514432
 Ion Ratio Lower Upper
 82 100
 128 47.3 34.0 51.0
 54 46.5 42.2 63.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.60 min Scan# 1813
 Delta R.T. 0.01 min
 Lab File: BF095508.D
 Acq: 27 May 2017 21:16

Tgt Ion:164 Resp: 177810
 Ion Ratio Lower Upper
 164 100
 162 105.4 82.6 123.8
 160 44.5 36.2 54.2

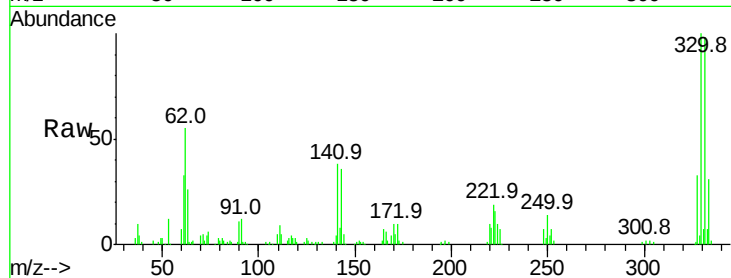




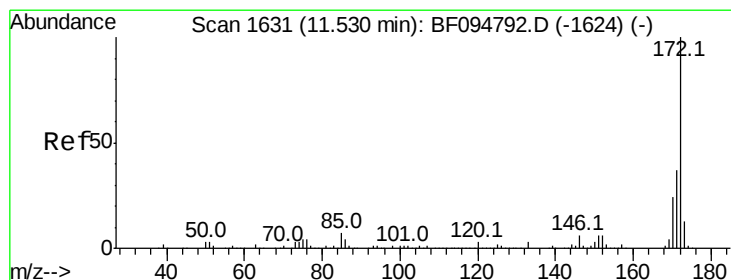
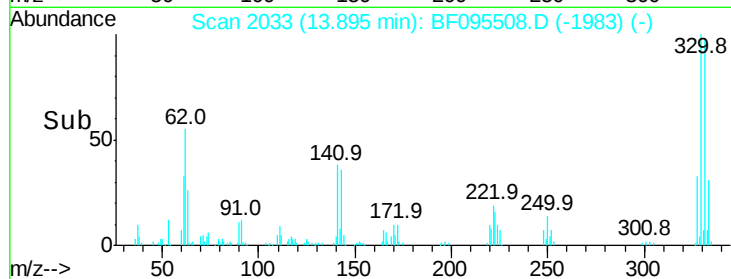
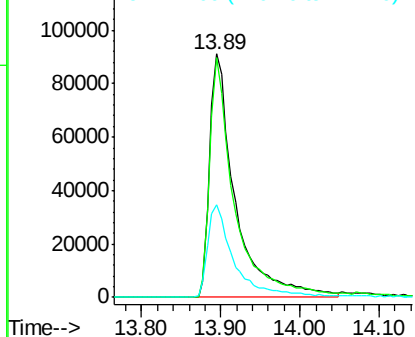
#41
 2,4,6-Tribromophenol
 Concen: 141.33 ng
 RT: 13.89 min Scan# 2033
 Delta R.T. -0.01 min
 Lab File: BF095508.D
 Acq: 27 May 2017 21:16

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 205799
 Ion Ratio Lower Upper
 330 100
 332 95.9 76.6 115.0
 141 39.4 31.4 47.2

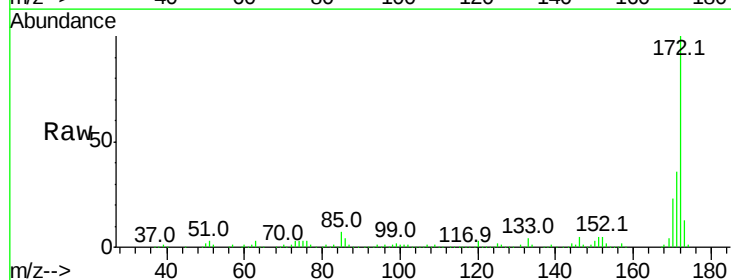


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

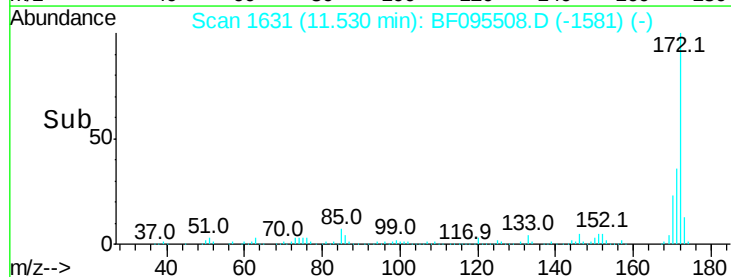
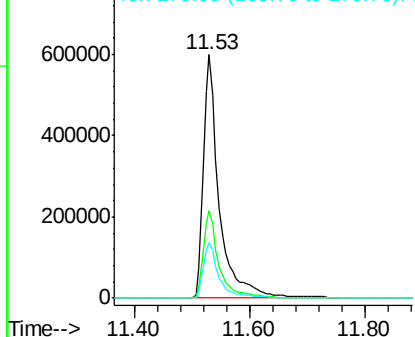


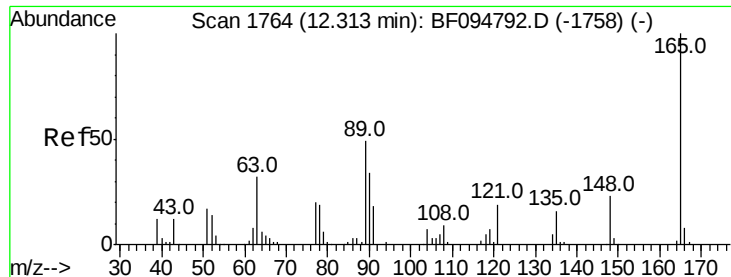
#44
 2-Fluorobiphenyl
 Concen: 94.85 ng
 RT: 11.53 min Scan# 1631
 Delta R.T. -0.01 min
 Lab File: BF095508.D
 Acq: 27 May 2017 21:16

Tgt Ion:172 Resp: 1171734
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.6 44.4
 170 22.8 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

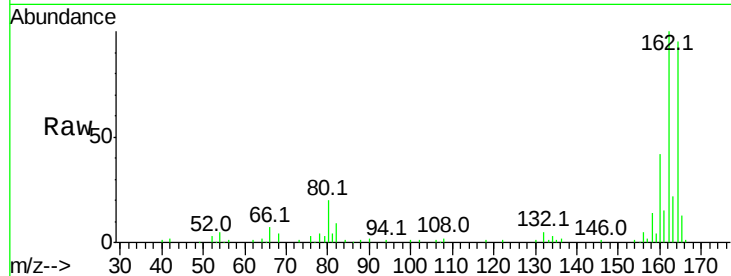




#50
 2,6-Dinitrotoluene
 Concen: 6.06 ng
 RT: 12.60 min Scan# 1813
 Delta R.T. 0.26 min
 Lab File: BF095508.D
 Acq: 27 May 2017 21:16

Instrument :
 BNA_F
 ClientSampleId :

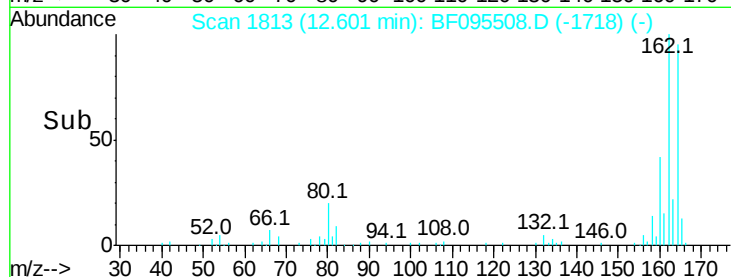
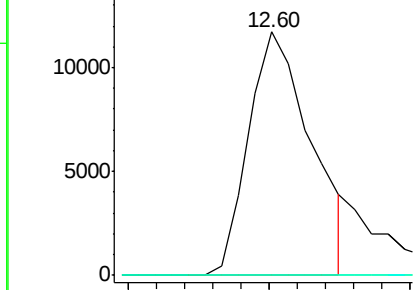
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	34.3	51.5#
89	0.0	37.1	55.7#



Abundance Ion 165.00 (164.70 to 165.70): E

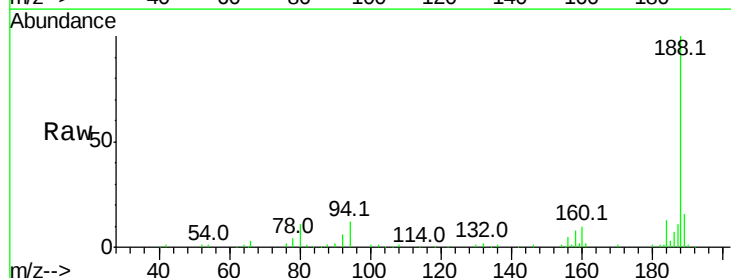
Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 15.01 min Scan# 2222
 Delta R.T. 0.01 min
 Lab File: BF095508.D
 Acq: 27 May 2017 21:16

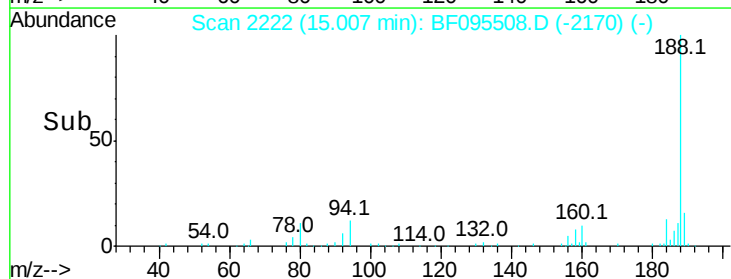
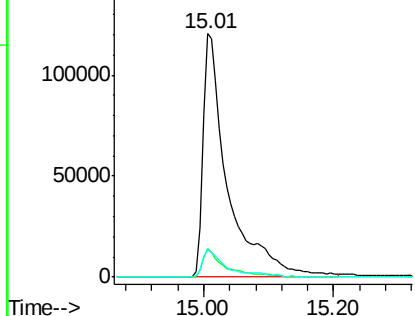
Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.6	9.4	14.2
80	11.3	10.2	15.2



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

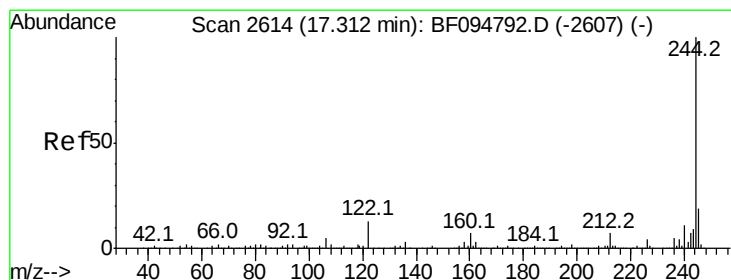
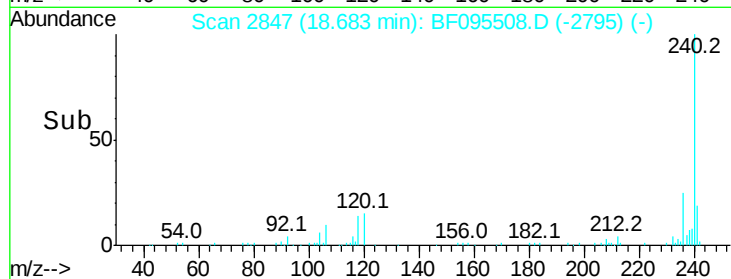
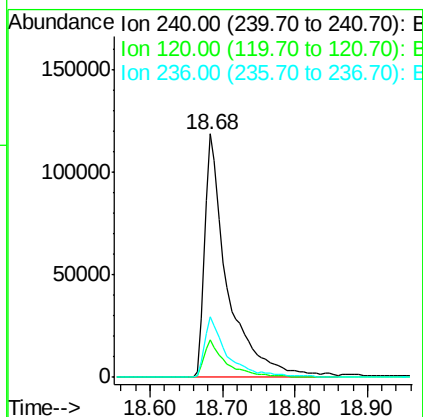
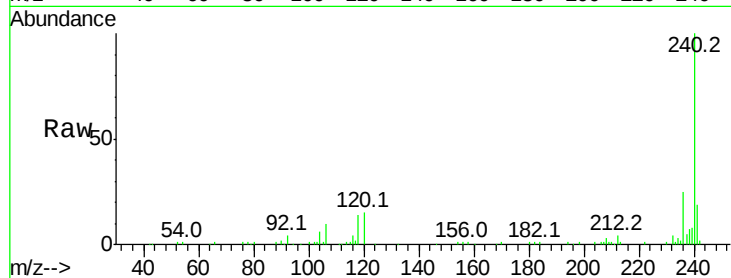




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.68 min Scan# 2847
 Delta R.T. 0.01 min
 Lab File: BF095508.D
 Acq: 27 May 2017 21:16

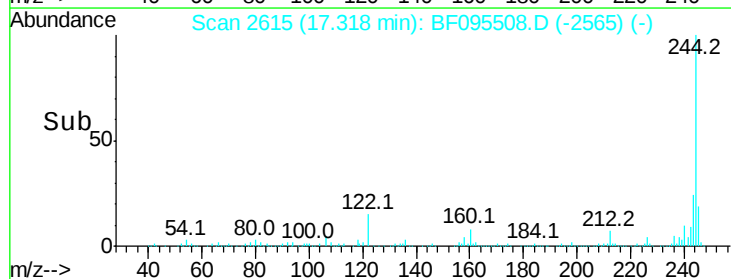
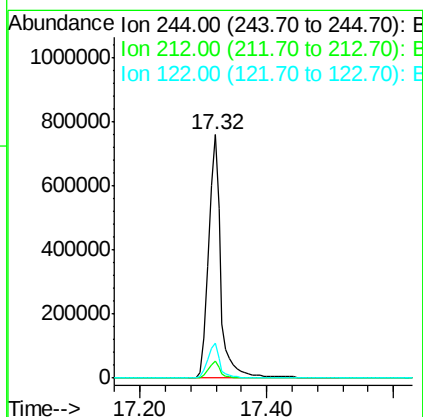
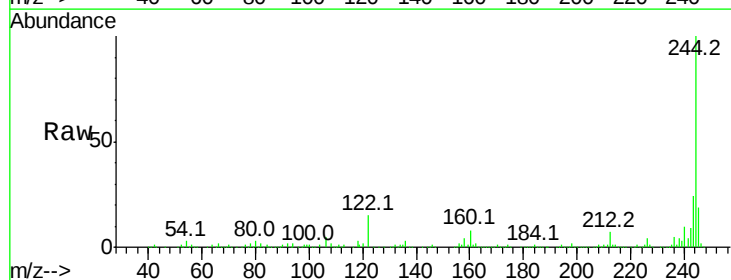
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:240 Resp: 262014
 Ion Ratio Lower Upper
 240 100
 120 15.4 5.8 8.8#
 236 24.9 20.5 30.7



#78
 Terphenyl-d14
 Concen: 86.62 ng
 RT: 17.32 min Scan# 2615
 Delta R.T. -0.01 min
 Lab File: BF095508.D
 Acq: 27 May 2017 21:16

Tgt Ion:244 Resp: 1030477
 Ion Ratio Lower Upper
 244 100
 212 6.8 6.0 9.0
 122 14.5 10.3 15.5

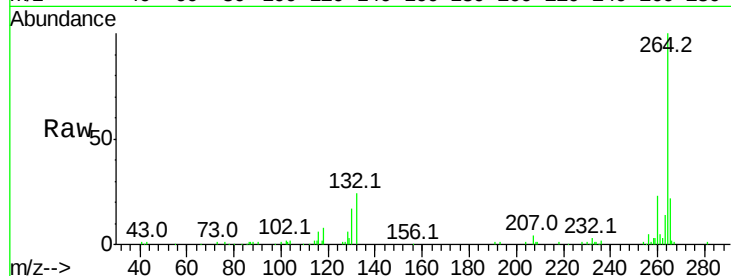




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 20.37 min Scan# 3133
 Delta R.T. 0.01 min
 Lab File: BF095508.D
 Acq: 27 May 2017 21:16

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.5	29.3
265	22.3	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

