

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052217\
 Data File : BF095333.D
 Acq On : 23 May 2017 3:30
 Operator : SJ/MA
 Sample : I3250-02
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 23 05:02:34 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 18 17:07:53 2017
 Response via : Initial Calibration

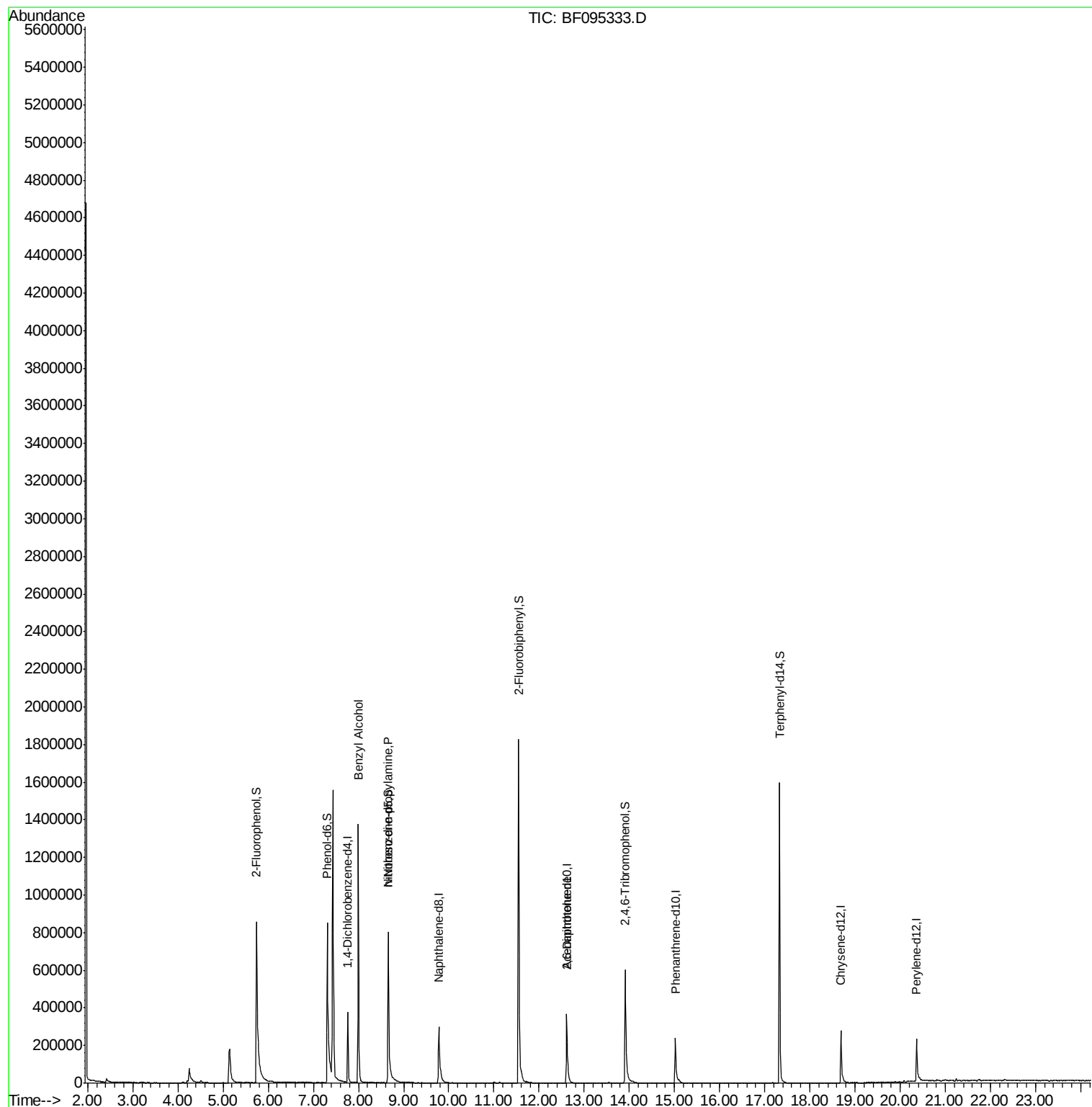
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	82963	20.00	ng	0.00
21) Naphthalene-d8	9.78	136	339385	20.00	ng	0.00
38) Acenaphthene-d10	12.61	164	151683	20.00	ng	0.00
63) Phenanthrene-d10	15.02	188	185591	20.00	ng	0.00
75) Chrysene-d12	18.69	240	181811	20.00	ng	0.00
86) Perylene-d12	20.37	264	142956	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.74	112	691224	138.91	ng	0.00
7) Phenol-d6	7.31	99	758535	127.04	ng	0.00
23) Nitrobenzene-d5	8.66	82	519306	96.49	ng	-0.01
41) 2,4,6-Tribromophenol	13.91	330	157649	126.91	ng	0.00
44) 2-Fluorobiphenyl	11.55	172	1066783	101.23	ng	-0.01
78) Terphenyl-d14	17.33	244	674922	81.76	ng	-0.02
Target Compounds						
15) Benzyl Alcohol	8.00	79	7692	2.00	ng	# 44
19) n-Nitroso-di-n-propylamine	8.66	70	61257	15.17	ng	# 75
50) 2,6-Dinitrotoluene	12.61	165	15547	6.12	ng	# 31

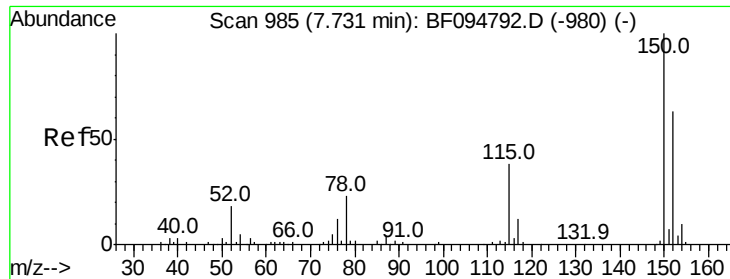
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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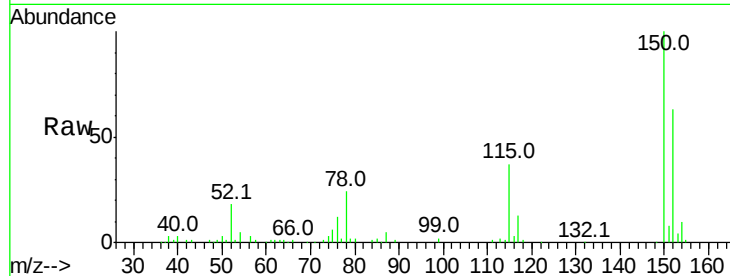


#1

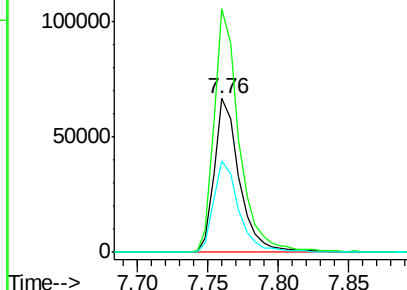
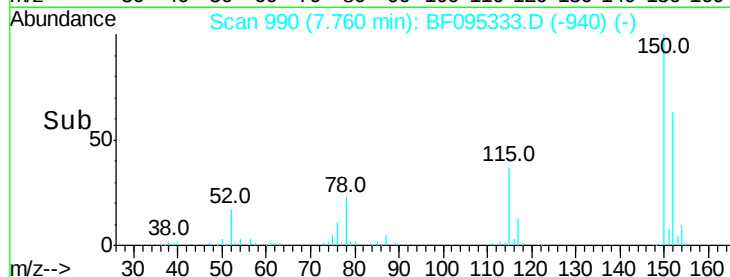
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.76 min Scan# 990
Delta R.T. -0.01 min
Lab File: BF095333.D
Acq: 23 May 2017 3:30

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 82963
Ion Ratio Lower Upper
152 100
150 158.2 126.2 189.2
115 59.1 52.2 78.2



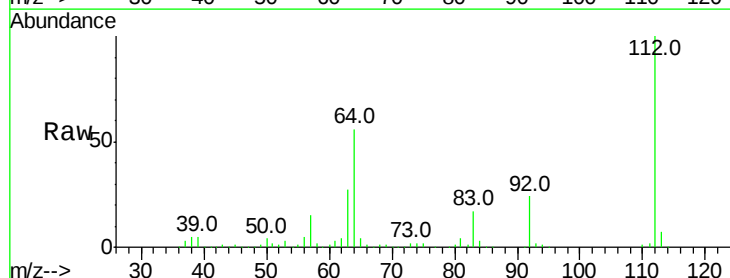
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



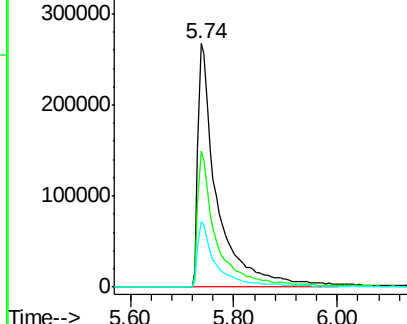
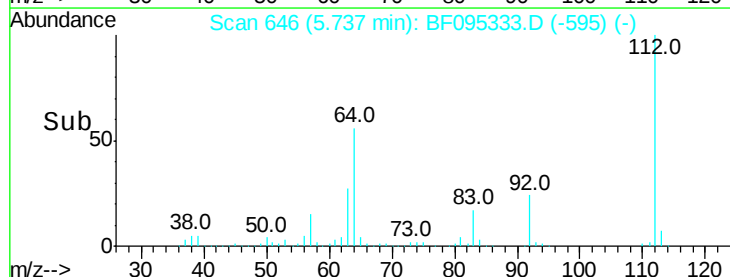
#5

2-Fluorophenol
Concen: 138.91 ng
RT: 5.74 min Scan# 646
Delta R.T. 0.00 min
Lab File: BF095333.D
Acq: 23 May 2017 3:30

Tgt Ion:112 Resp: 691224
Ion Ratio Lower Upper
112 100
64 55.7 46.0 69.0
63 27.1 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: 127.04 ng

RT: 7.31 min Scan# 913

Delta R.T. -0.01 min

Lab File: BF095333.D

Acq: 23 May 2017 3:30

Instrument :

BNA_F

ClientSampled :

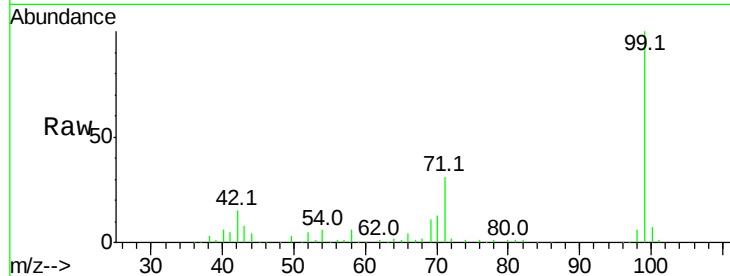
Tot Ion: 99 Resp: 758535

Ion Ratio Lower Upper

99 100

42 15.3 13.5 20.3

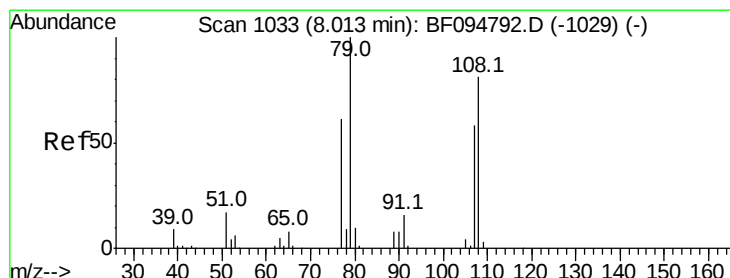
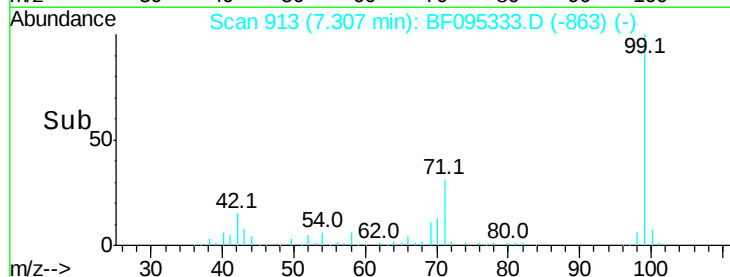
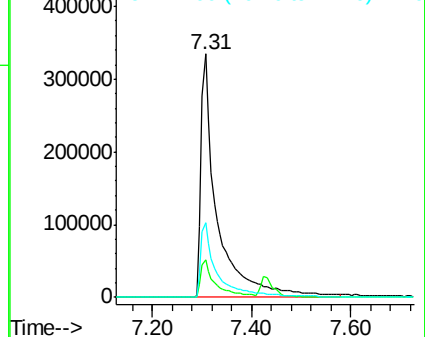
71 30.7 24.5 36.7



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: 2.00 ng

RT: 8.00 min Scan# 1030

Delta R.T. -0.06 min

Lab File: BF095333.D

Acq: 23 May 2017 3:30

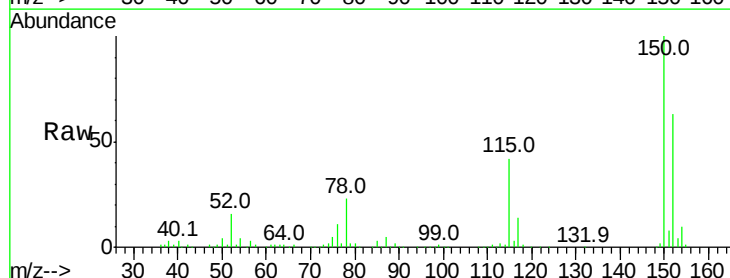
Tgt Ion: 79 Resp: 7692

Ion Ratio Lower Upper

79 100

108 25.7 63.4 95.0#

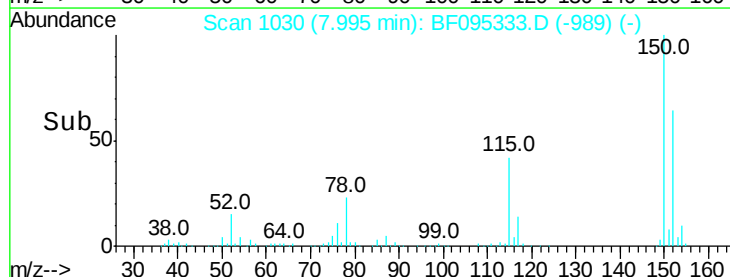
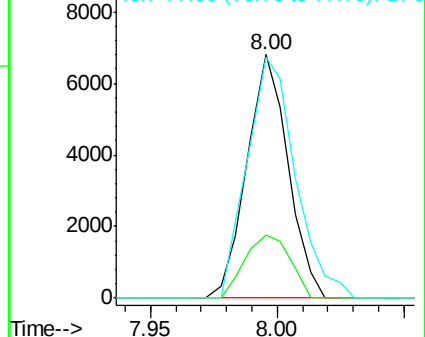
77 99.2 49.2 73.8#



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: 15.17 ng

RT: 8.66 min Scan# 1143

Delta R.T. 0.18 min

Lab File: BF095333.D

Acq: 23 May 2017 3:30

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 61257

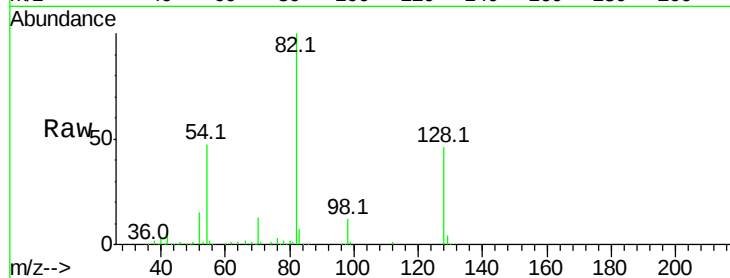
Ion Ratio Lower Upper

70 100

42 43.0 47.2 70.8#

101 0.0 7.2 10.8#

130 3.4 15.9 23.9#

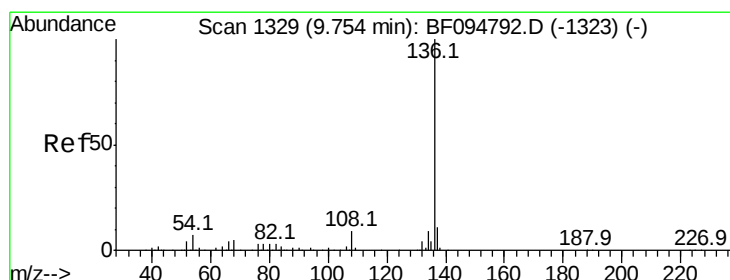
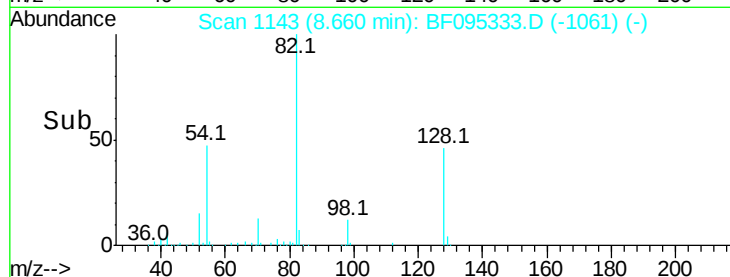
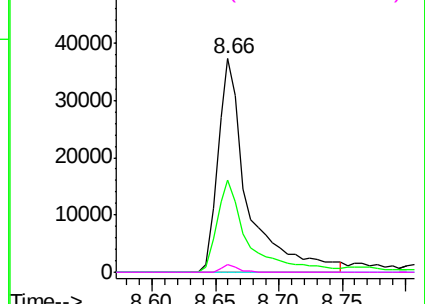


Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 9.78 min Scan# 1334

Delta R.T. 0.00 min

Lab File: BF095333.D

Acq: 23 May 2017 3:30

Tgt Ion:136 Resp: 339385

Ion Ratio Lower Upper

136 100

137 10.1 8.5 12.7

54 7.0 4.9 7.3

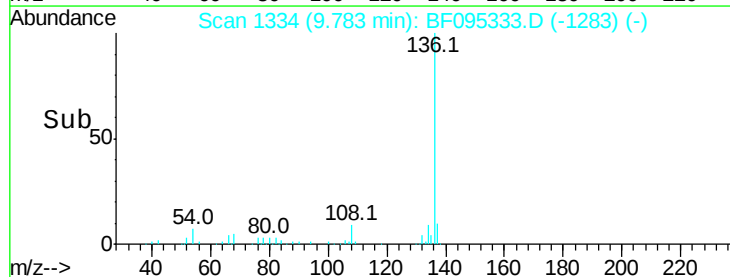
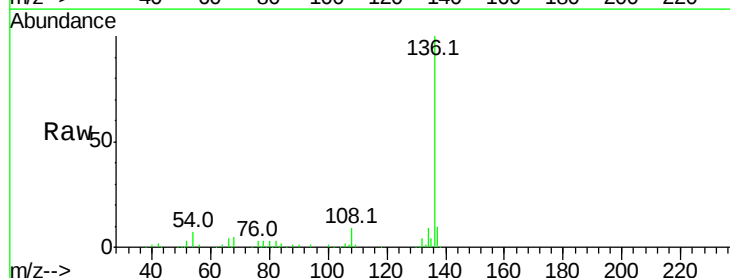
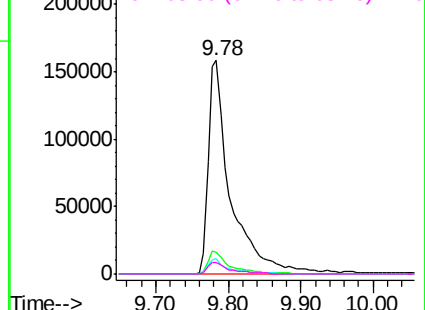
68 5.4 4.1 6.1

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

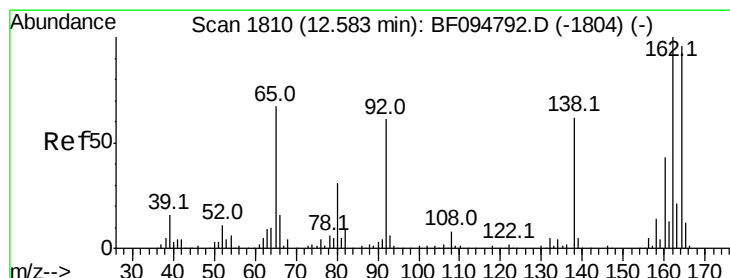
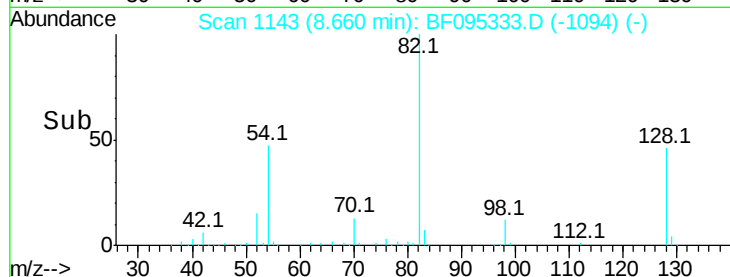
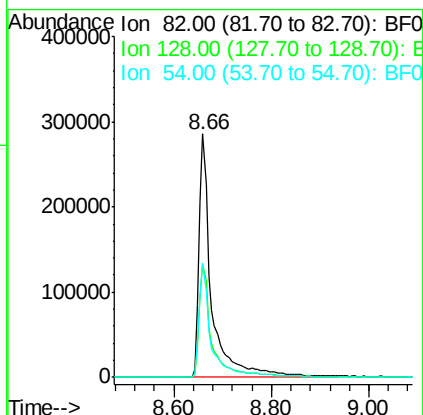
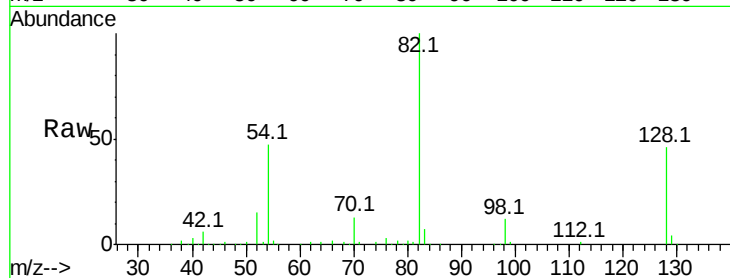




#23
 Nitrobenzene-d5
 Concen: 96.49 ng
 RT: 8.66 min Scan# 1143
 Delta R.T. -0.01 min
 Lab File: BF095333.D
 Acq: 23 May 2017 3:30

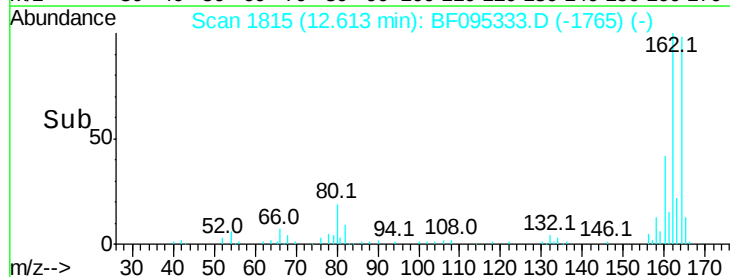
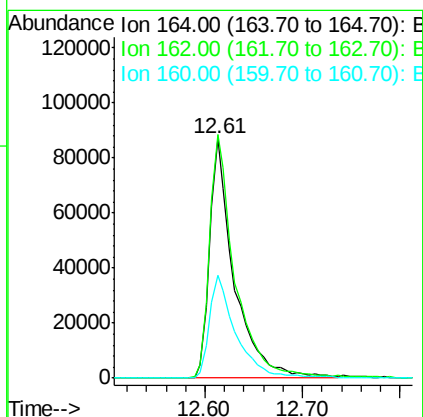
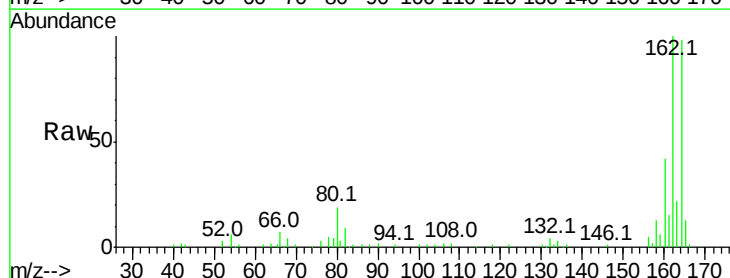
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.5	34.0	51.0
54	47.2	42.2	63.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.61 min Scan# 1815
 Delta R.T. -0.01 min
 Lab File: BF095333.D
 Acq: 23 May 2017 3:30

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.6	82.6	123.8
160	43.1	36.2	54.2

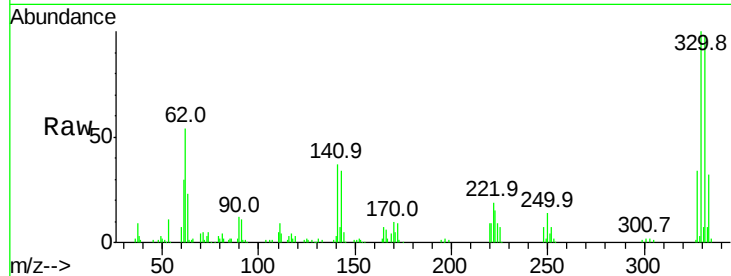




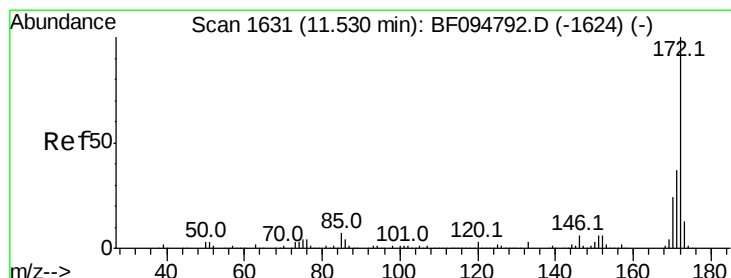
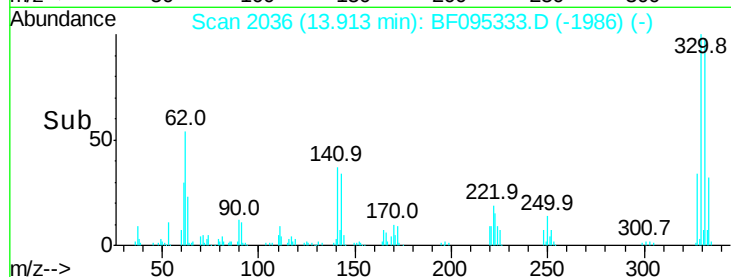
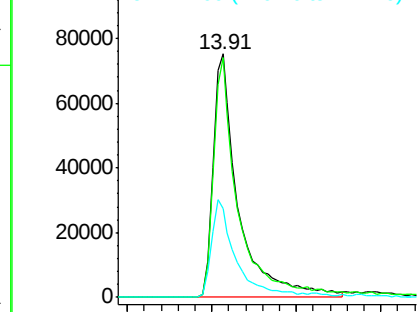
#41
 2,4,6-Tribromophenol
 Concen: 126.91 ng
 RT: 13.91 min Scan# 2036
 Delta R.T. -0.01 min
 Lab File: BF095333.D
 Acq: 23 May 2017 3:30

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 157649
 Ion Ratio Lower Upper
 330 100
 332 96.4 76.6 115.0
 141 40.1 31.4 47.2

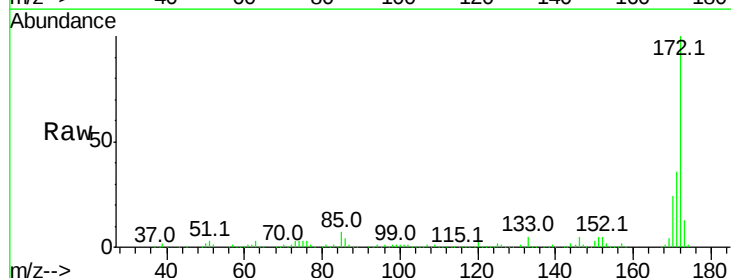


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

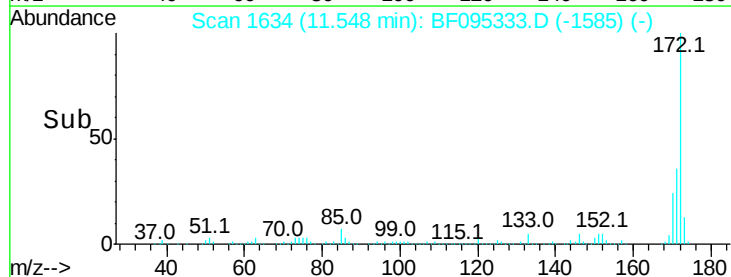
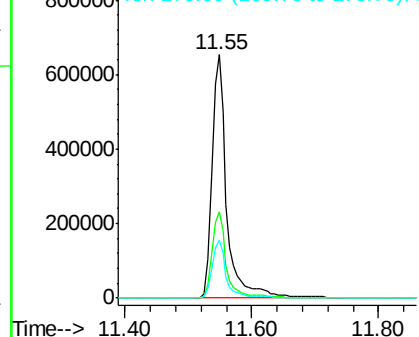


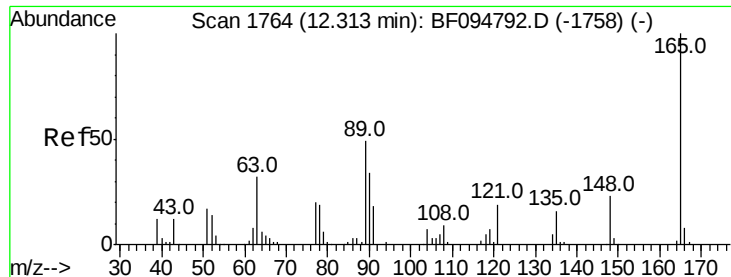
#44
 2-Fluorobiphenyl
 Concen: 101.23 ng
 RT: 11.55 min Scan# 1634
 Delta R.T. -0.01 min
 Lab File: BF095333.D
 Acq: 23 May 2017 3:30

Tgt Ion:172 Resp: 1066783
 Ion Ratio Lower Upper
 172 100
 171 35.5 29.6 44.4
 170 24.1 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

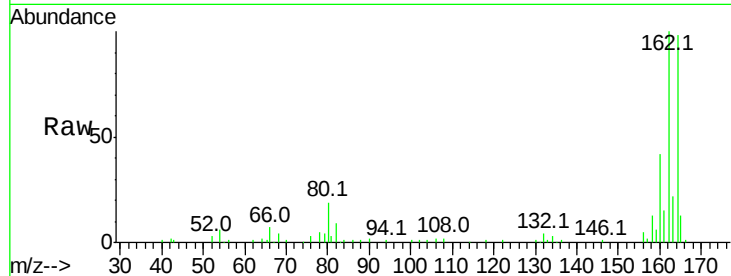




#50
 2,6-Dinitrotoluene
 Concen: 6.12 ng
 RT: 12.61 min Scan# 1815
 Delta R.T. 0.25 min
 Lab File: BF095333.D
 Acq: 23 May 2017 3:30

Instrument :
 BNA_F
 ClientSampleId :

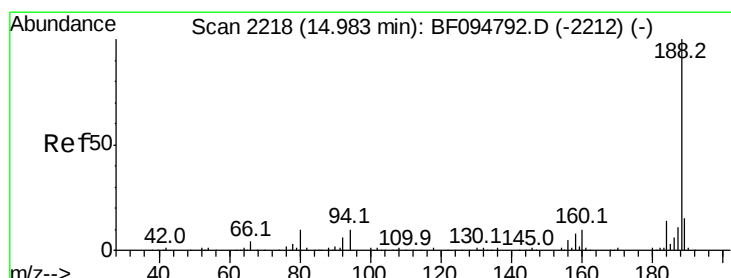
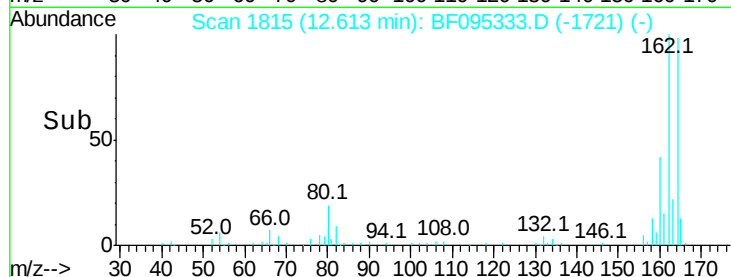
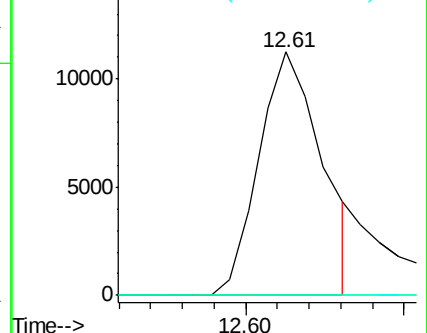
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	34.3	51.5#
89	0.0	37.1	55.7#



Abundance Ion 165.00 (164.70 to 165.70): E

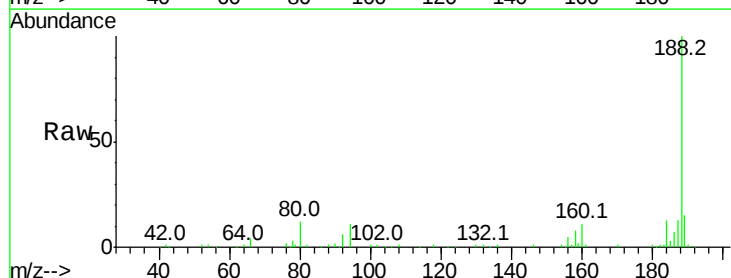
Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 15.02 min Scan# 2224
 Delta R.T. -0.01 min
 Lab File: BF095333.D
 Acq: 23 May 2017 3:30

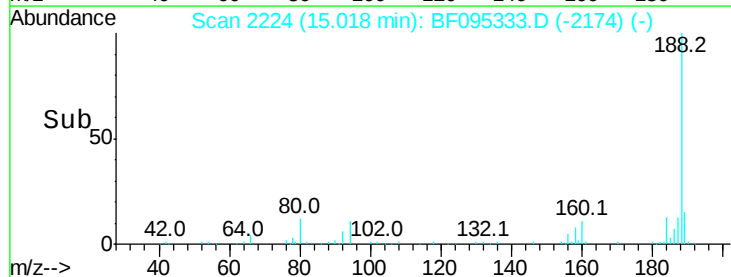
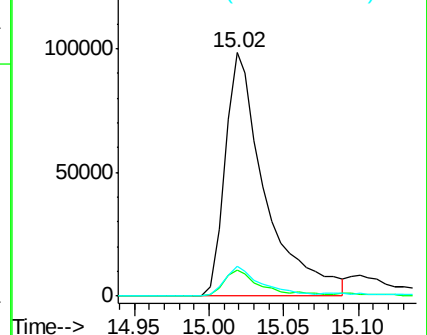
Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.6	9.4	14.2
80	12.0	10.2	15.2



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: 18.69 min Scan# 2848

Delta R.T. -0.01 min

Lab File: BF095333.D

Acq: 23 May 2017 3:30

Instrument :

BNA_F

ClientSampled :

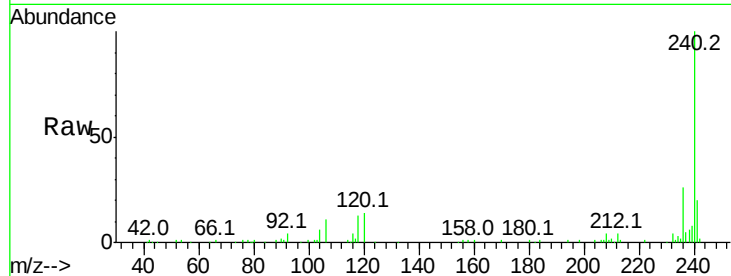
Tot Ion:240 Resp: 181811

Ion Ratio Lower Upper

240 100

120 14.1 5.8 8.8#

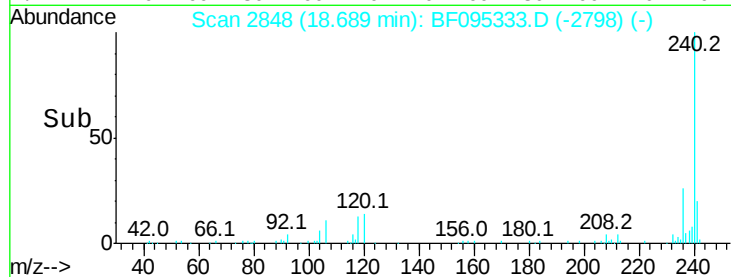
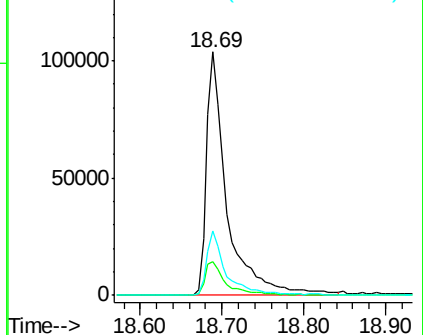
236 26.5 20.5 30.7



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: 81.76 ng

RT: 17.33 min Scan# 2617

Delta R.T. -0.02 min

Lab File: BF095333.D

Acq: 23 May 2017 3:30

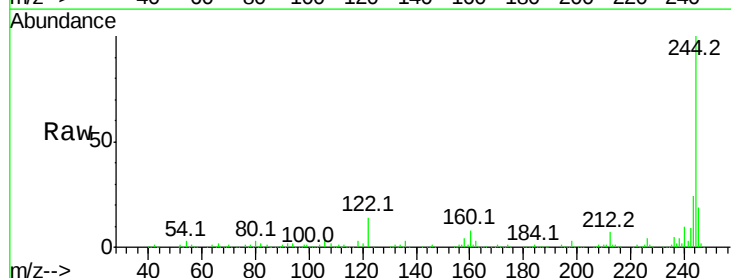
Tgt Ion:244 Resp: 674922

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

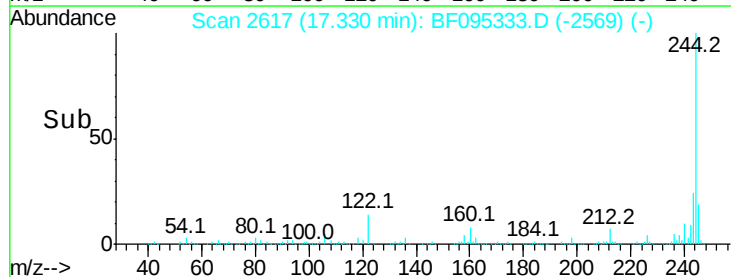
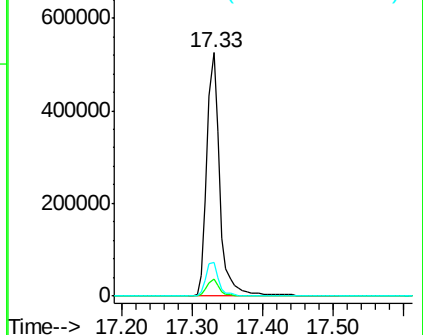
122 13.9 10.3 15.5

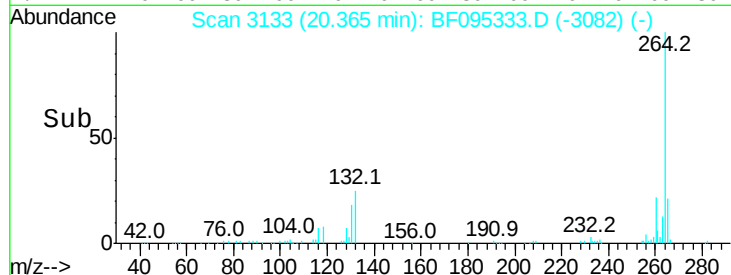
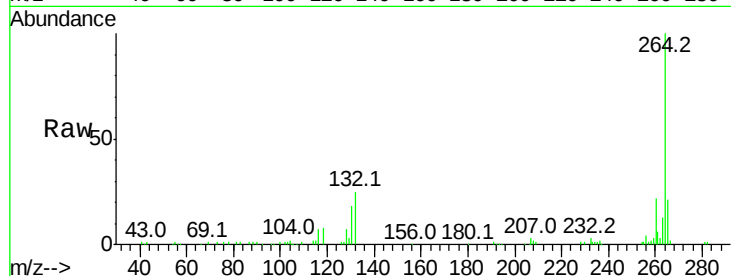
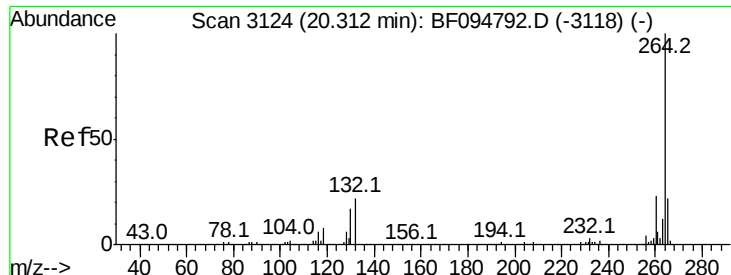


Abundance Ion 244.00 (243.70 to 244.70): E

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: 20.37 min Scan# 3133
 Delta R.T. 0.00 min
 Lab File: BF095333.D
 Acq: 23 May 2017 3:30

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	264	Resp:	142956
Ion	Ratio	Lower	Upper
264	100		
260	22.4	19.5	29.3
265	21.3	17.2	25.8

