

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070317\
 Data File : BF096450.D
 Acq On : 3 Jul 2017 19:25
 Operator : SJ/MA
 Sample : I3979-06
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 04 01:15:29 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF070117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 03 01:43:12 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	112359	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	442817	20.00	ng	-0.02
38) Acenaphthene-d10	9.76	164	166379	20.00	ng	-0.01
63) Phenanthrene-d10	11.24	188	246974	20.00	ng	-0.01
75) Chrysene-d12	13.87	240	223423	20.00	ng	-0.01
86) Perylene-d12	15.27	264	154790	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	660913	86.82	ng	0.00
7) Phenol-d6	6.36	99	754826	80.66	ng	-0.01
23) Nitrobenzene-d5	7.28	82	405868	55.08	ng	-0.02
41) 2,4,6-Tribromophenol	10.55	330	107594	82.79	ng	-0.01
44) 2-Fluorobiphenyl	9.08	172	704028	72.35	ng	-0.02
78) Terphenyl-d14	12.82	244	464142	44.39	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.28	70	53436	9.58	ng	# 87
25) Isophorone	7.28	82	403351	28.23	ng	# 67
49) Dimethylphthalate	9.47	163	196188	15.80	ng	99
56) 2,4-Dinitrotoluene	9.76	165	20442	5.88	ng	# 32
66) 4-Bromophenyl-phenylether	10.55	248	6868	2.86	ng	# 1

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

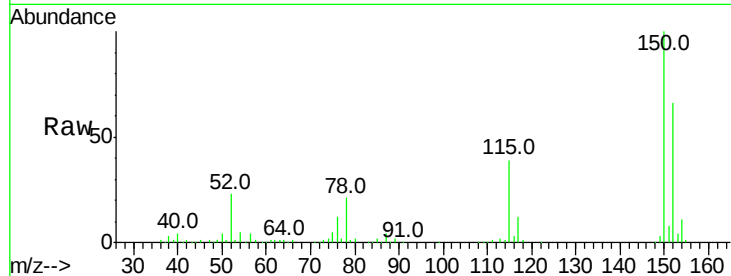


#1

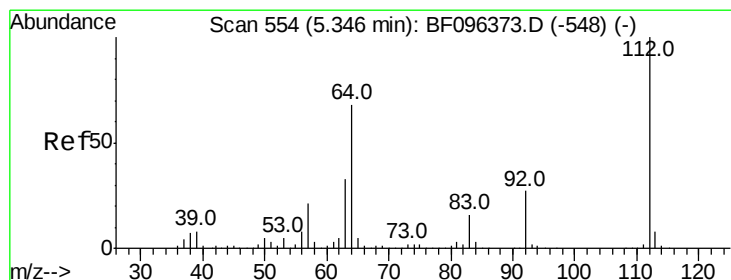
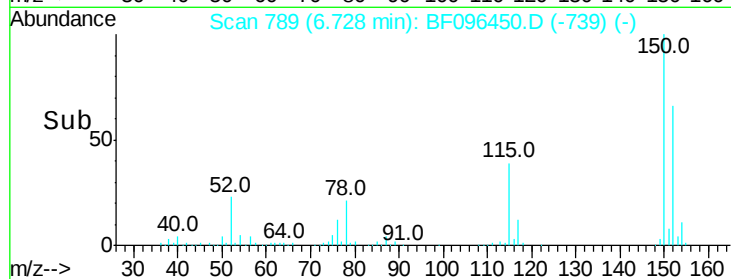
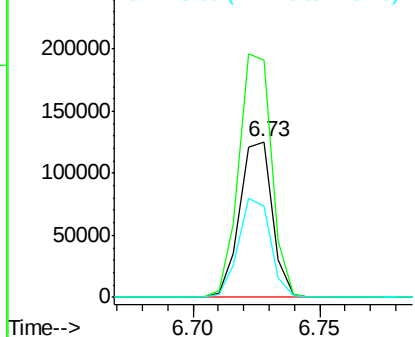
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF096450.D
Acq: 3 Jul 2017 19:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 112359
Ion Ratio Lower Upper
152 100
150 152.2 126.2 189.2
115 58.7 52.2 78.2



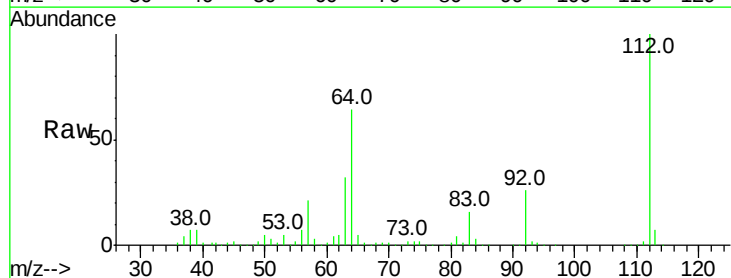
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



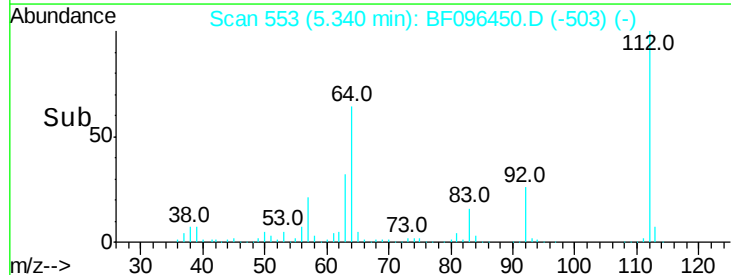
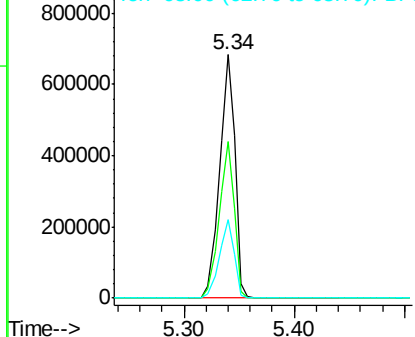
#5

2-Fluorophenol
Concen: 86.82 ng
RT: 5.34 min Scan# 553
Delta R.T. -0.01 min
Lab File: BF096450.D
Acq: 3 Jul 2017 19:25

Tgt Ion:112 Resp: 660913
Ion Ratio Lower Upper
112 100
64 64.2 46.0 69.0
63 32.4 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: 80.66 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF096450.D

Acq: 3 Jul 2017 19:25

Instrument :

BNA_F

ClientSampled :

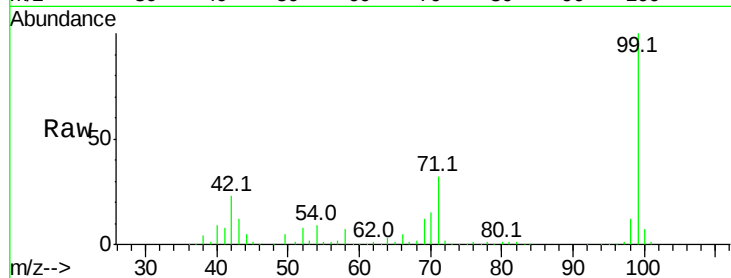
Tot Ion: 99 Resp: 754826

Ion Ratio Lower Upper

99 100

42 22.6 13.5 20.3#

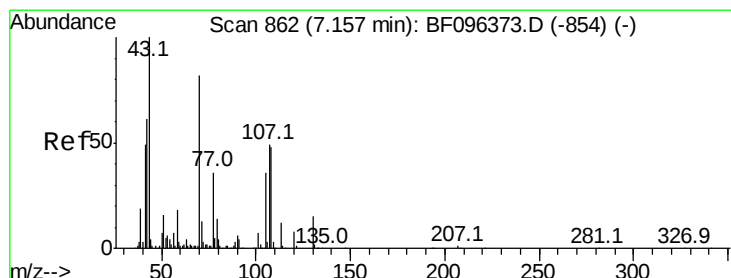
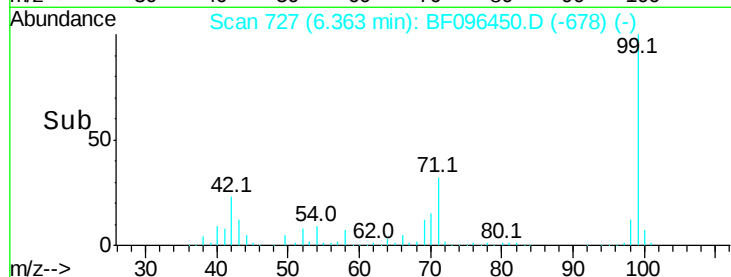
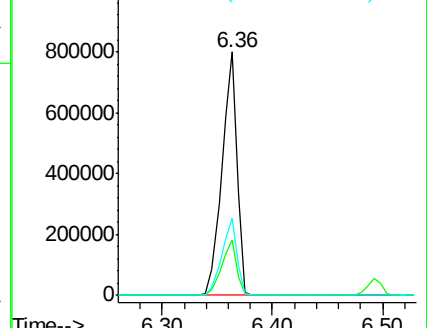
71 31.7 24.5 36.7



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



#19

n-Nitroso-di-n-propylamine

Concen: 9.58 ng

RT: 7.28 min Scan# 883

Delta R.T. 0.12 min

Lab File: BF096450.D

Acq: 3 Jul 2017 19:25

Tgt Ion: 70 Resp: 53436

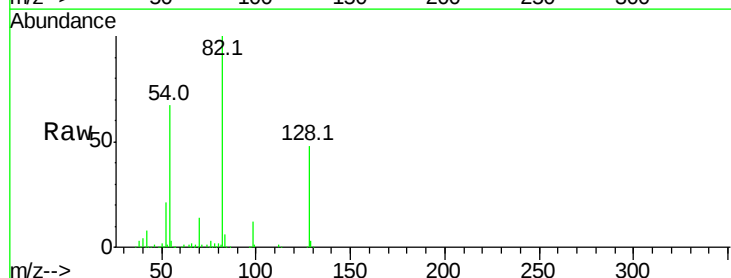
Ion Ratio Lower Upper

70 100

42 56.6 47.2 70.8

101 0.0 7.2 10.8#

130 2.3 15.9 23.9#

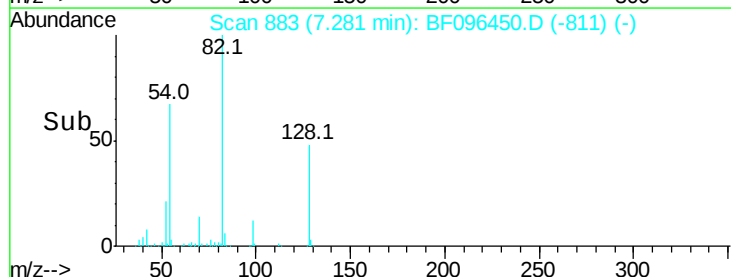
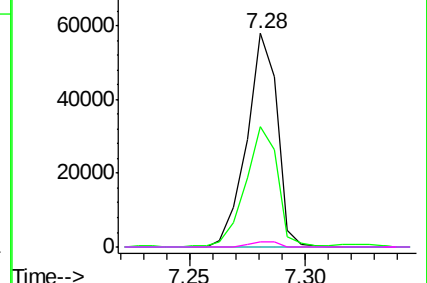


Abundance Ion 70.00 (69.70 to 70.70): BF0

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

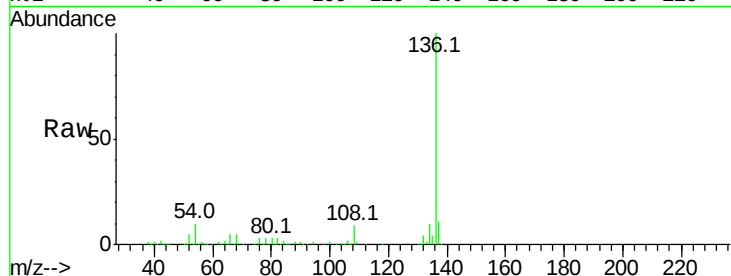




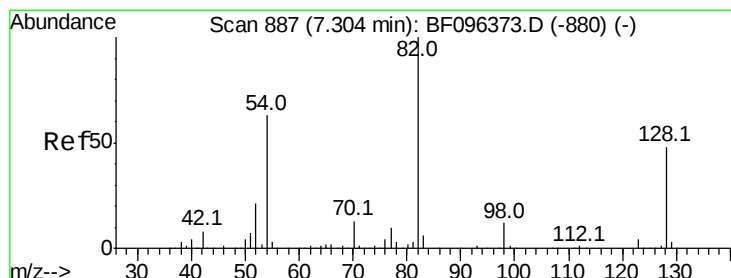
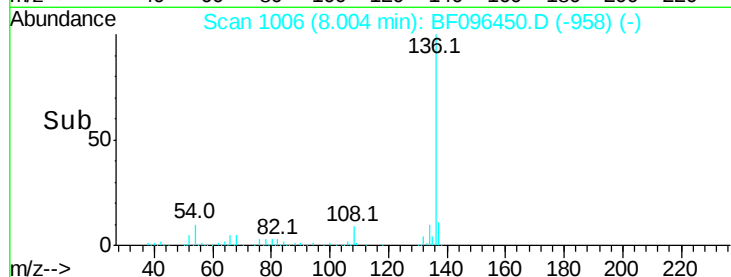
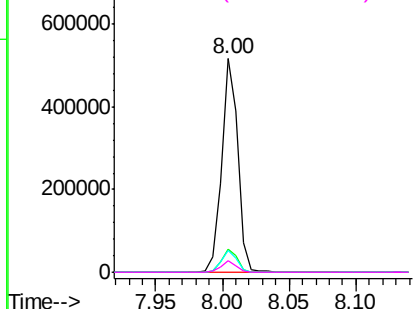
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.02 min
Lab File: BF096450.D
Acq: 3 Jul 2017 19:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	442817
Ion Ratio	Lower	Upper
136 100		
137 11.0	8.5	12.7
54 10.2	4.9	7.3#
68 5.2	4.1	6.1

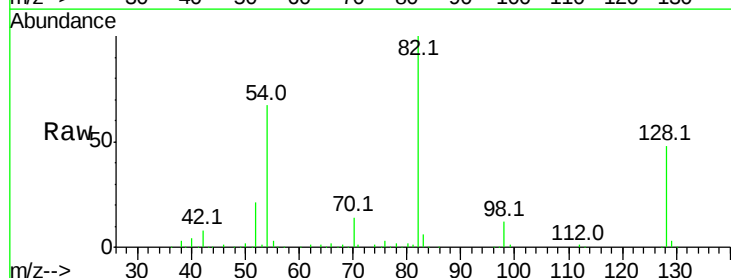


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

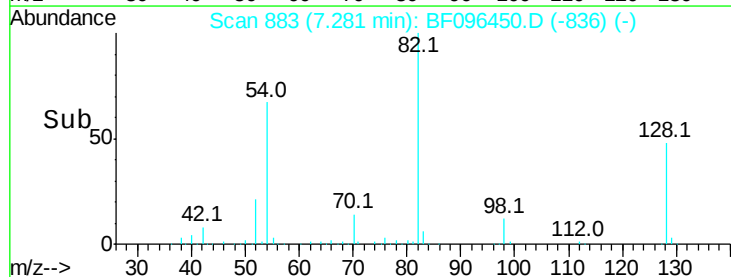
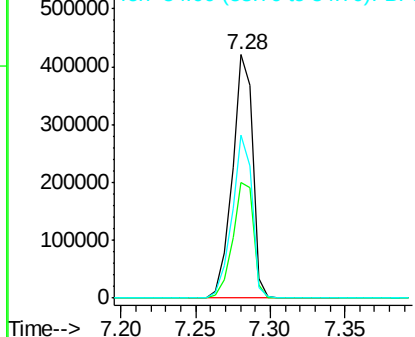


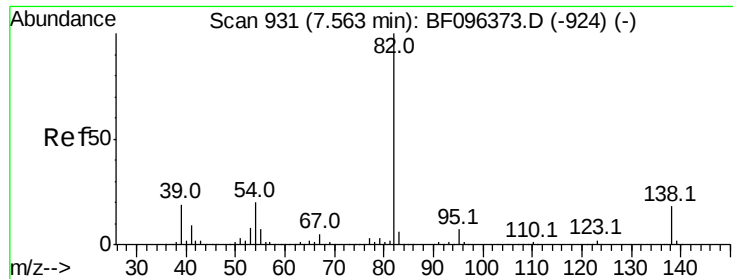
#23
Nitrobenzene-d5
Concen: 55.08 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.02 min
Lab File: BF096450.D
Acq: 3 Jul 2017 19:25

Tgt Ion: 82	Resp:	405868
Ion Ratio	Lower	Upper
82 100		
128 47.7	34.0	51.0
54 66.8	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

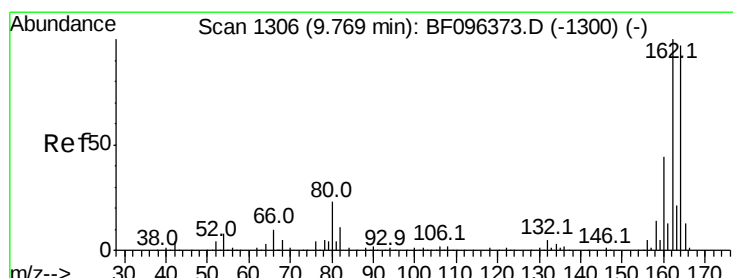
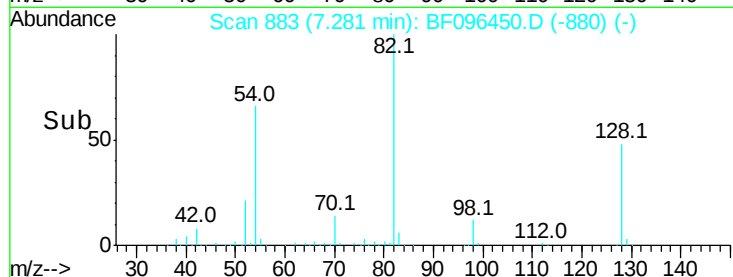
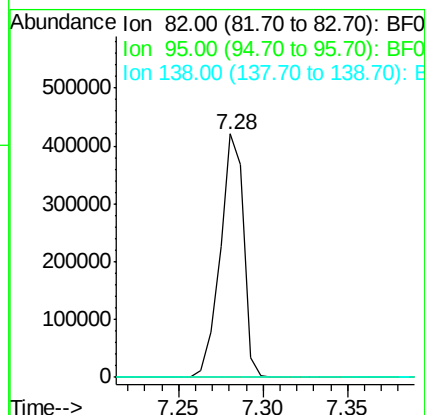
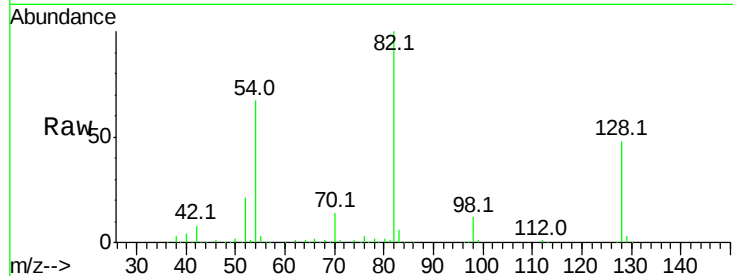




#25
Isophorone
Concen: 28.23 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.28 min
Lab File: BF096450.D
Acq: 3 Jul 2017 19:25

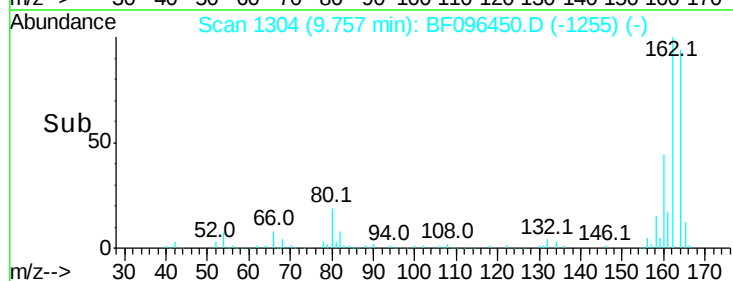
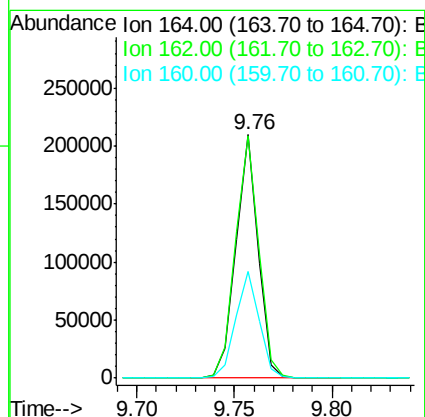
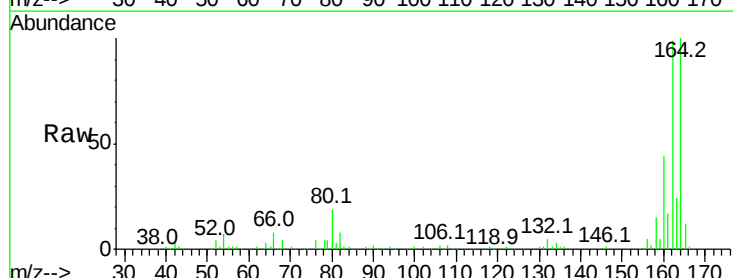
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 403351
Ion Ratio Lower Upper
82 100
95 0.0 5.3 7.9#
138 0.0 13.1 19.7#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF096450.D
Acq: 3 Jul 2017 19:25

Tgt Ion:164 Resp: 166379
Ion Ratio Lower Upper
164 100
162 99.5 82.6 123.8
160 43.7 36.2 54.2

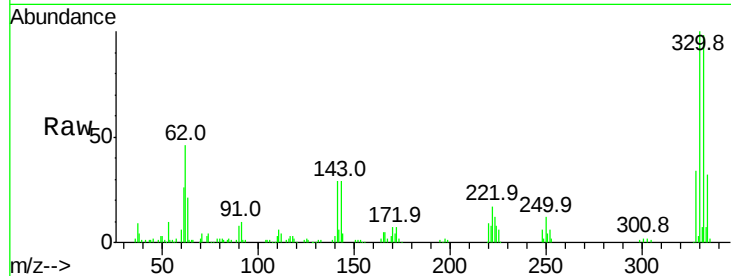




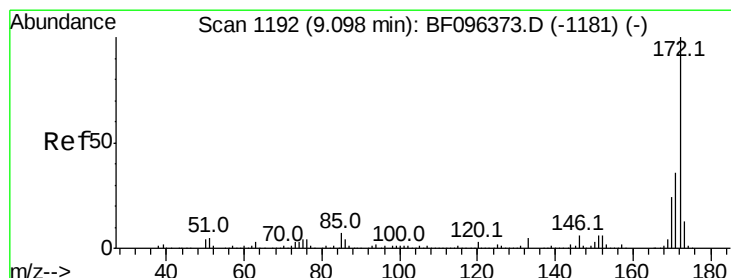
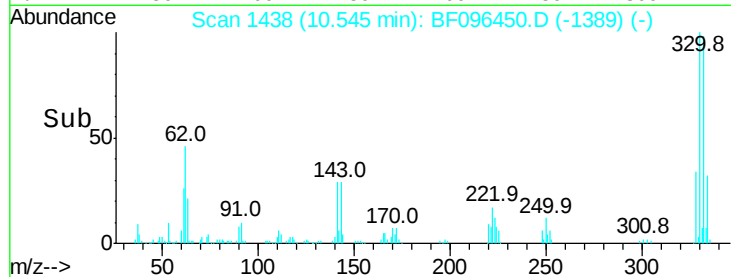
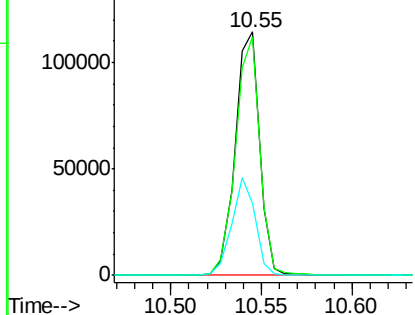
#41
 2,4,6-Tribromophenol
 Concen: 82.79 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF096450.D
 Acq: 3 Jul 2017 19:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 107594
 Ion Ratio Lower Upper
 330 100
 332 96.7 76.6 115.0
 141 38.4 31.4 47.2

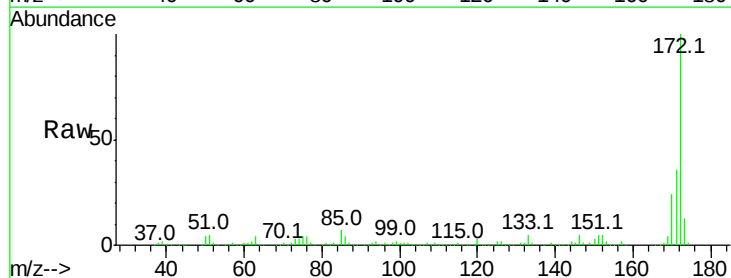


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

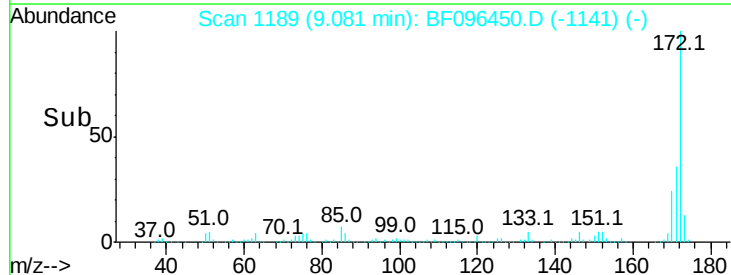
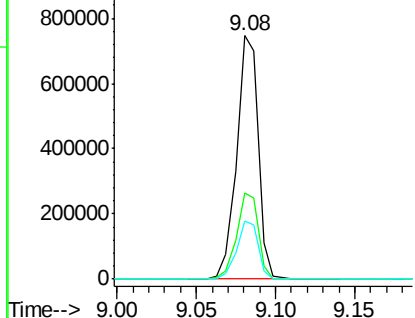


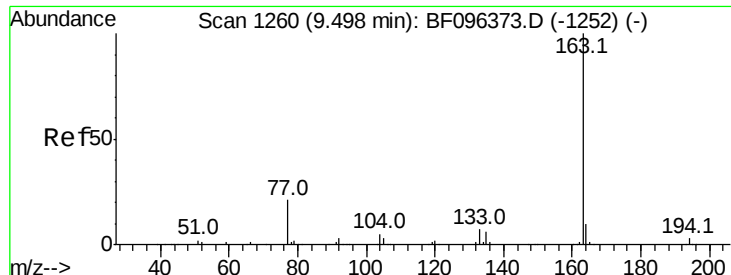
#44
 2-Fluorobiphenyl
 Concen: 72.35 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.02 min
 Lab File: BF096450.D
 Acq: 3 Jul 2017 19:25

Tgt Ion:172 Resp: 704028
 Ion Ratio Lower Upper
 172 100
 171 35.5 29.6 44.4
 170 23.7 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

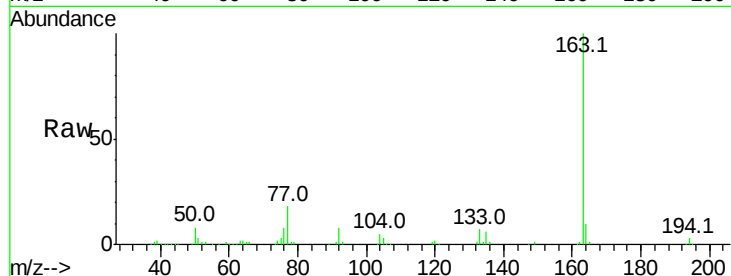




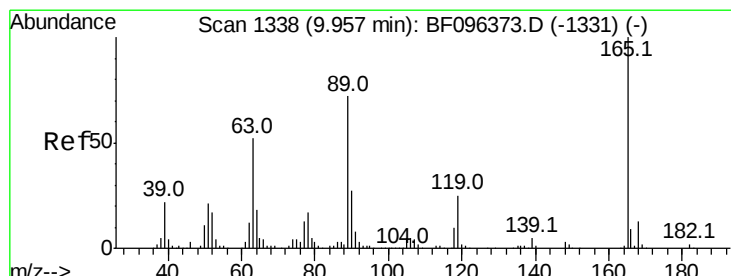
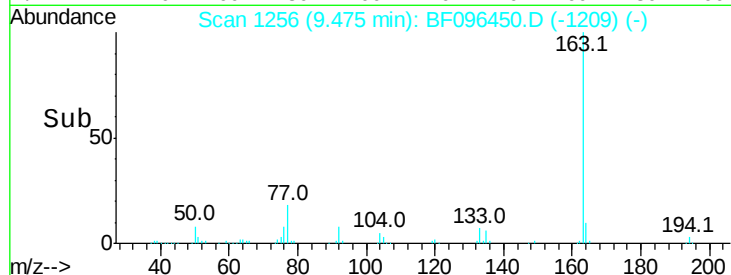
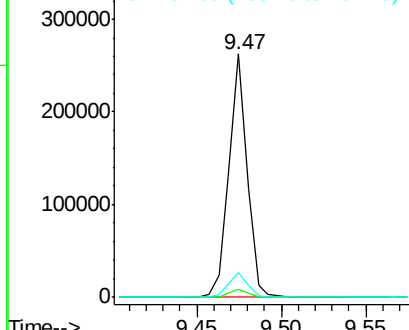
#49
Dimethylphthalate
Concen: 15.80 ng
RT: 9.47 min Scan# 1256
Delta R.T. -0.02 min
Lab File: BF096450.D
Acq: 3 Jul 2017 19:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 196188
Ion Ratio Lower Upper
163 100
194 3.3 2.6 4.0
164 10.1 8.4 12.6

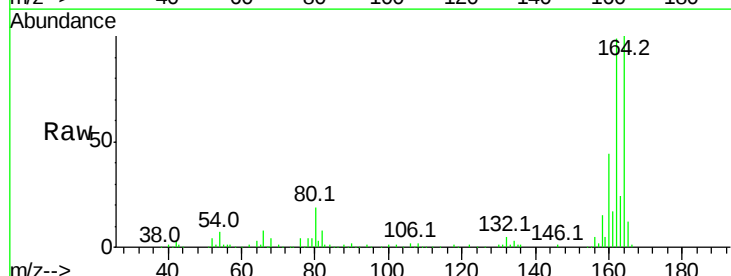


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

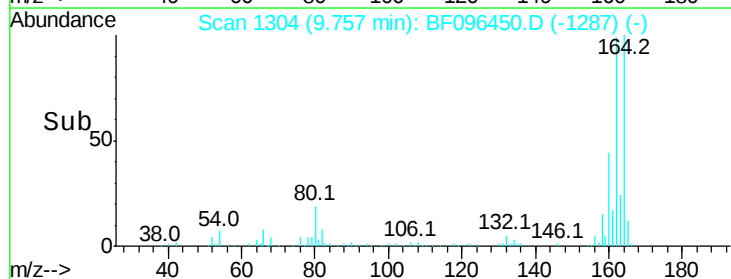
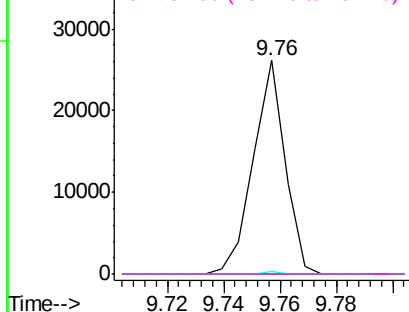


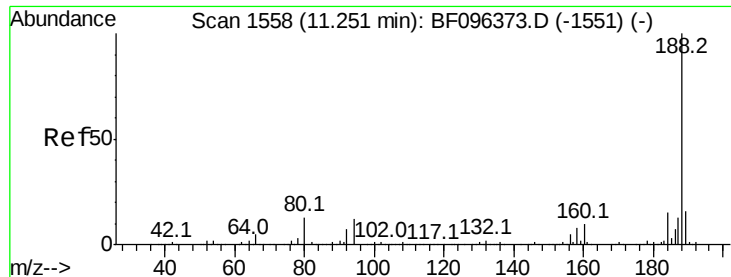
#56
2,4-Dinitrotoluene
Concen: 5.88 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.20 min
Lab File: BF096450.D
Acq: 3 Jul 2017 19:25

Tgt Ion:165 Resp: 20442
Ion Ratio Lower Upper
165 100
63 0.0 25.4 38.0#
89 1.2 46.4 69.6#
182 0.0 1.8 2.6#



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
Ion 182.00 (181.70 to 182.70): E

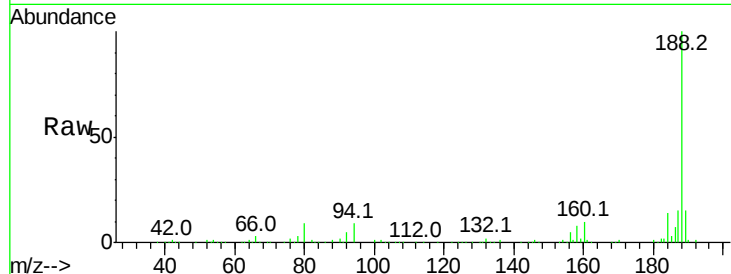




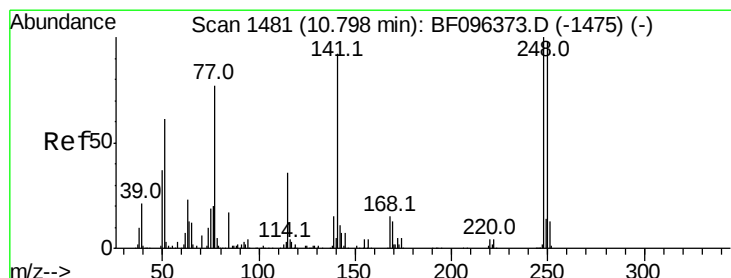
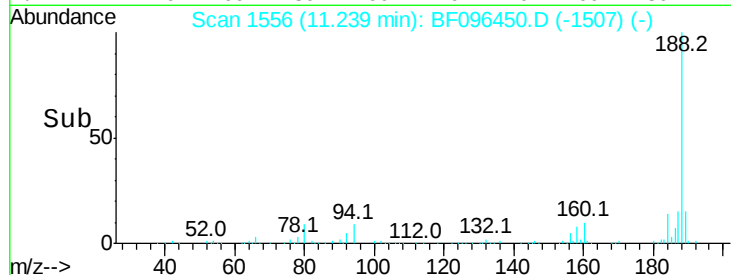
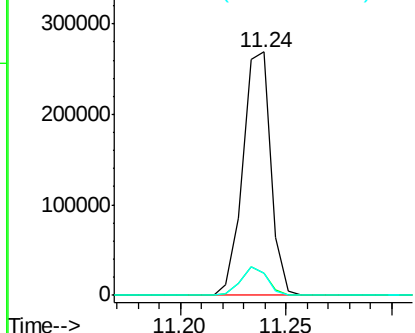
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF096450.D
Acq: 3 Jul 2017 19:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 246974
Ion Ratio Lower Upper
188 100
94 9.0 9.4 14.2#
80 9.3 10.2 15.2#

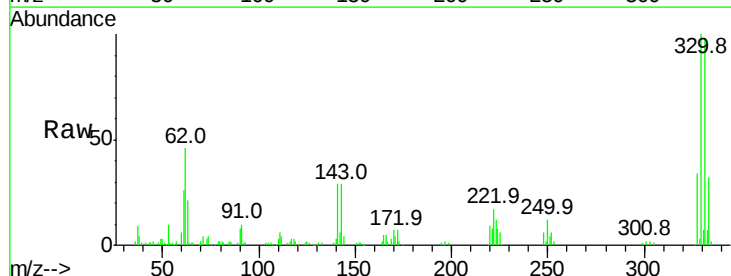


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

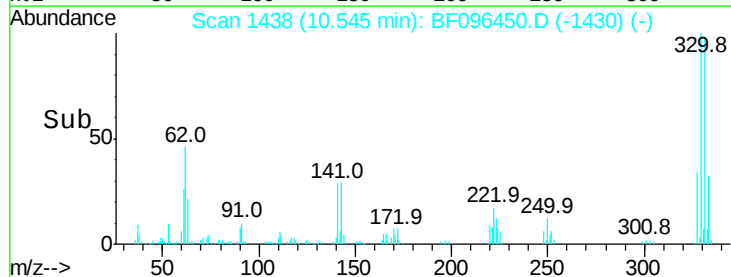
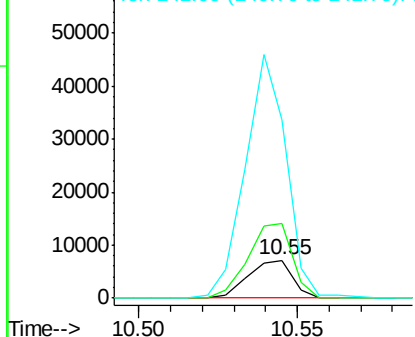


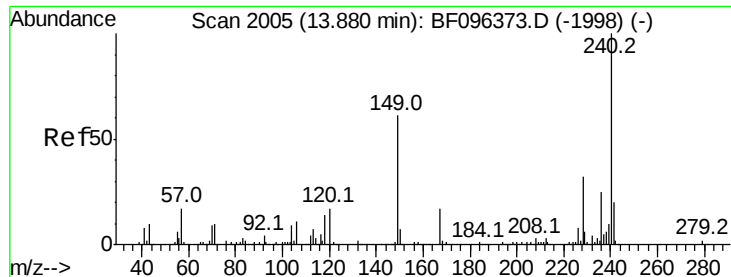
#66
4-Bromophenyl-phenylether
Concen: 2.86 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.25 min
Lab File: BF096450.D
Acq: 3 Jul 2017 19:25

Tgt Ion:248 Resp: 6868
Ion Ratio Lower Upper
248 100
250 199.9 76.8 115.2#
141 475.1 68.6 103.0#



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.87 min Scan# 2003

Delta R.T. -0.01 min

Lab File: BF096450.D

Acq: 3 Jul 2017 19:25

Instrument :

BNA_F

ClientSampleId :

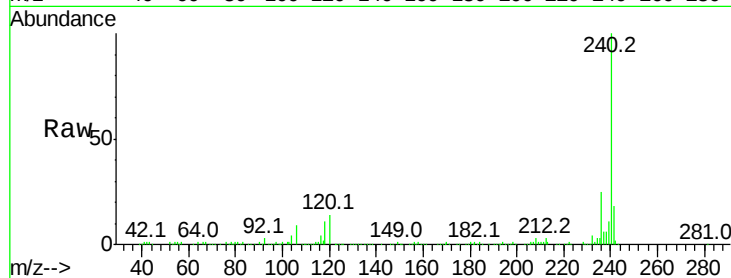
Tot Ion:240 Resp: 223423

Ion Ratio Lower Upper

240 100

120 13.5 5.8 8.8#

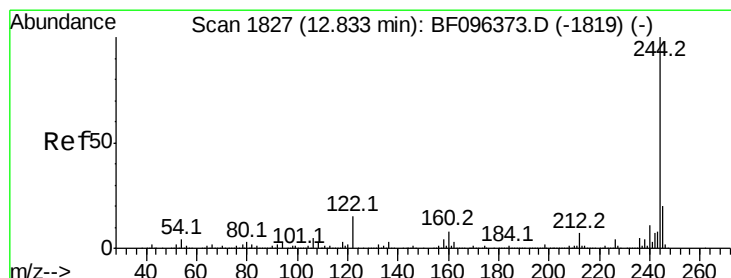
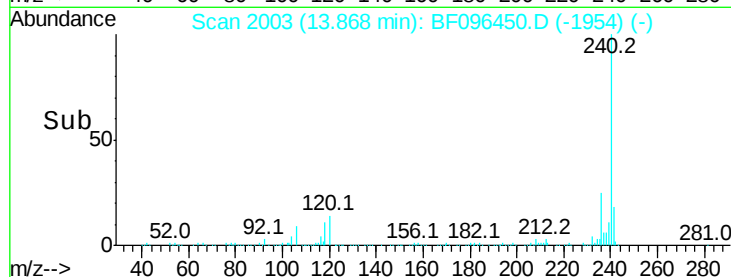
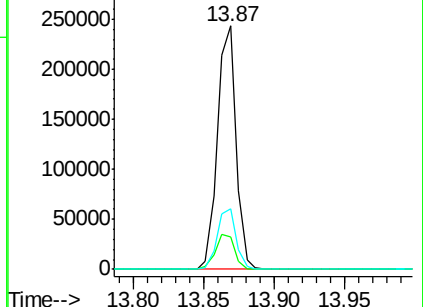
236 24.9 20.5 30.7



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: 44.39 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF096450.D

Acq: 3 Jul 2017 19:25

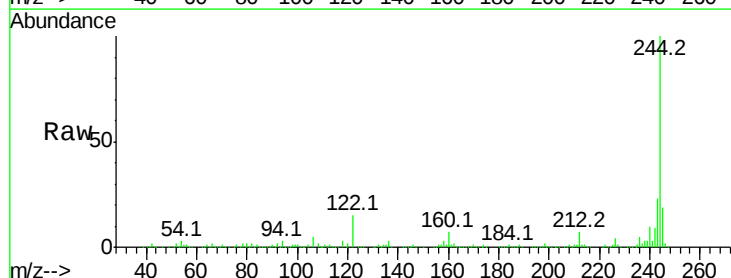
Tgt Ion:244 Resp: 464142

Ion Ratio Lower Upper

244 100

212 6.7 6.0 9.0

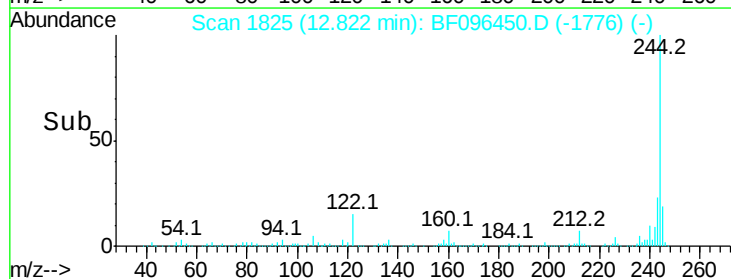
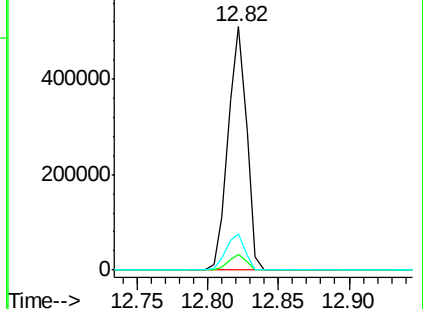
122 14.6 10.3 15.5

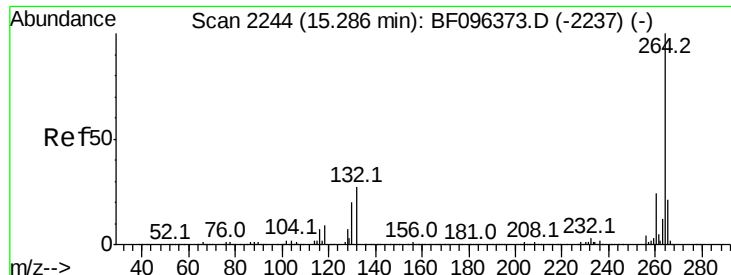


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

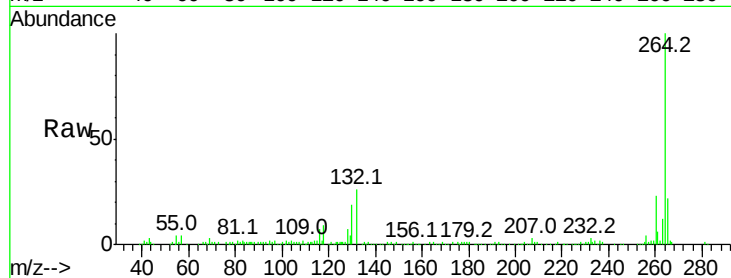




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.27 min Scan# 2242
Delta R.T. -0.01 min
Lab File: BF096450.D
Acq: 3 Jul 2017 19:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	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

