

Data Path : Z:\HPCHEM1\BNA F\DATA\BF063017\
 Data File : BF096359.D
 Acq On : 1 Jul 2017 1:56
 Operator : SJ/MA
 Sample : I3930-07
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 01 02:19:24 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF062717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 28 15:41:49 2017
 Response via : Initial Calibration

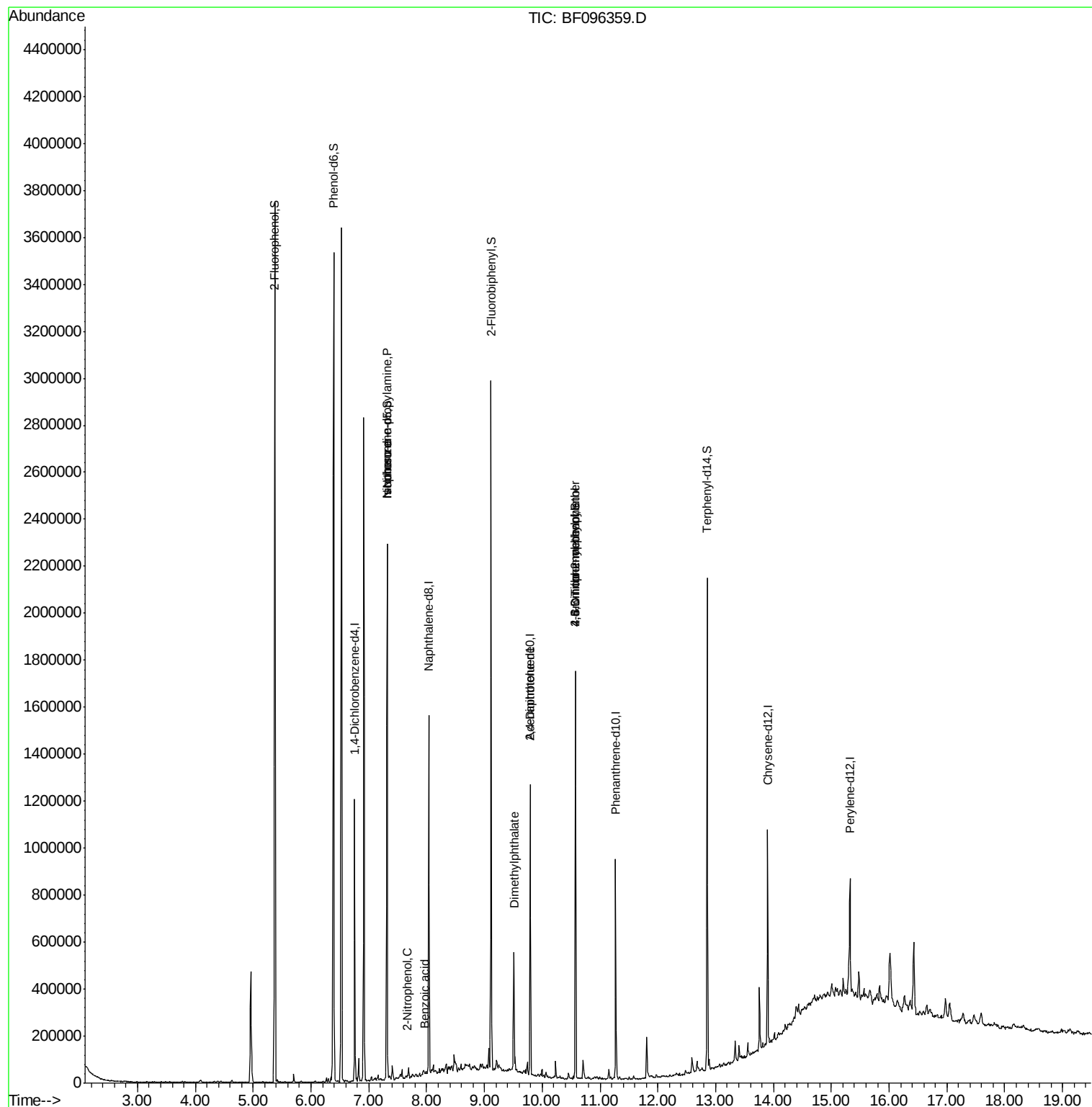
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	157975	20.00	ng	-0.02
21) Naphthalene-d8	8.04	136	611066	20.00	ng	-0.02
38) Acenaphthene-d10	9.79	164	219506	20.00	ng	-0.02
63) Phenanthrene-d10	11.27	188	331520	20.00	ng	-0.02
75) Chrysene-d12	13.90	240	327084	20.00	ng	-0.01
86) Perylene-d12	15.32	264	218654	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	1107970	101.04	ng	0.00
7) Phenol-d6	6.39	99	1338582	100.82	ng	0.00
23) Nitrobenzene-d5	7.32	82	730231	82.73	ng	-0.04
41) 2,4,6-Tribromophenol	10.57	330	207661	120.21	ng	-0.02
44) 2-Fluorobiphenyl	9.12	172	910526	75.97	ng	-0.03
78) Terphenyl-d14	12.86	244	621541	47.42	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	6.30	77	1944	Below Cal		94
19) n-Nitroso-di-n-propylamine	7.32	70	96057	12.08 ng	#	88
25) Isophorone	7.32	82	727834	36.31 ng	#	67
26) 2-Nitrophenol	7.67	139	332	6.11 ng	#	1
32) Benzoic acid	7.97	122	121	8.80 ng		89
49) Dimethylphthalate	9.51	163	198263	12.62 ng		99
56) 2,4-Dinitrotoluene	9.79	165	29162	7.08 ng	#	33
57) Fluorene	10.34	166	713	Below Cal	#	91
64) 4,6-Dinitro-2-methylphenol	10.57	198	136	8.81 ng	#	1
66) 4-Bromophenyl-phenylether	10.57	248	10800	3.17 ng	#	1
70) Phenanthrene	11.29	178	6565	Below Cal	#	92

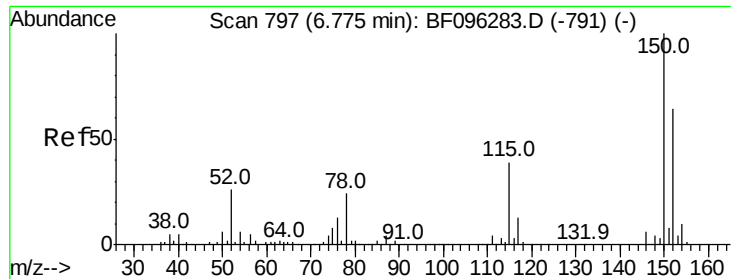
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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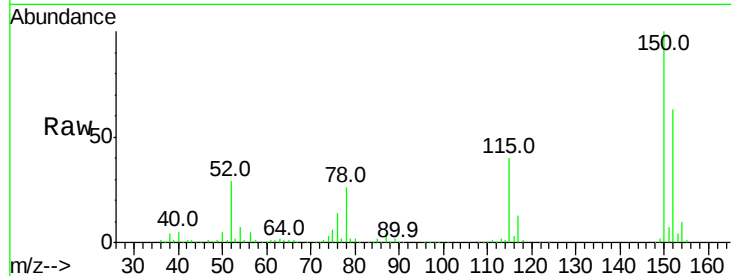


#1

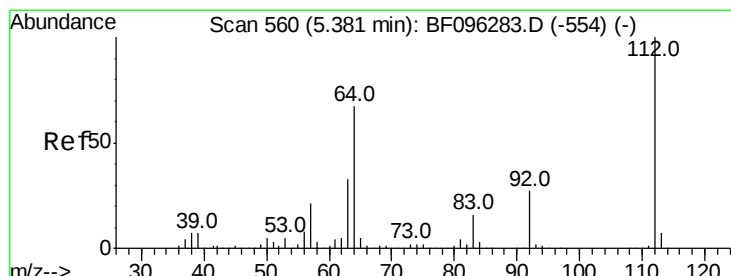
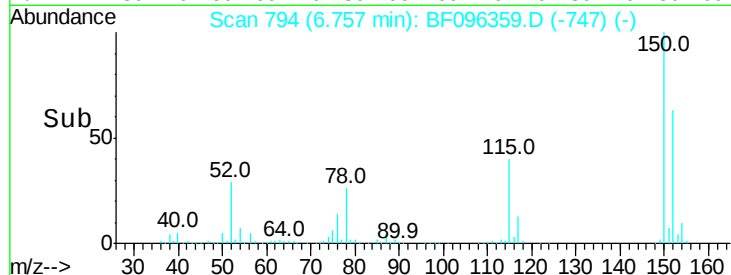
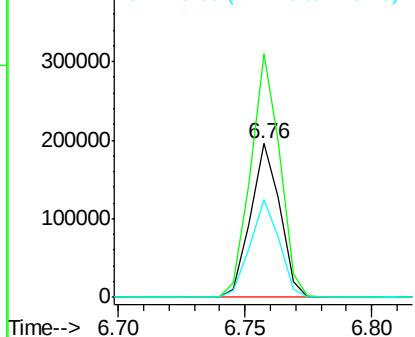
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.76 min Scan# 794
Delta R.T. -0.02 min
Lab File: BF096359.D
Acq: 1 Jul 2017 1:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 157975
Ion Ratio Lower Upper
152 100
150 158.5 126.2 189.2
115 63.9 52.2 78.2



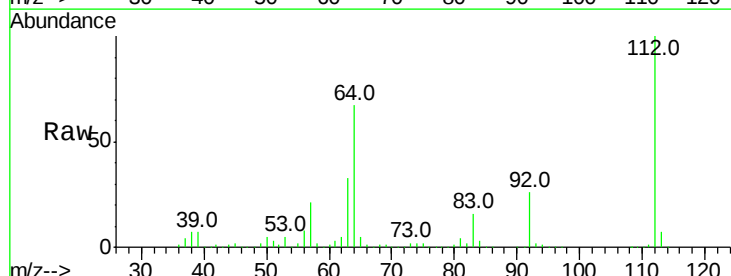
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



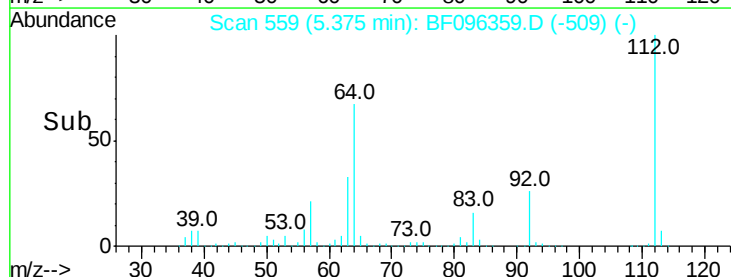
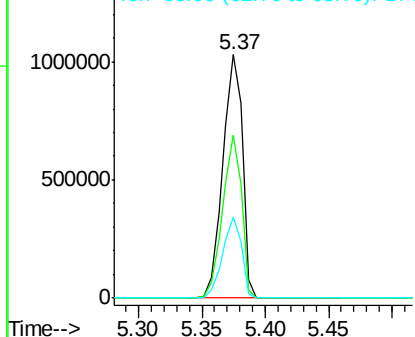
#5

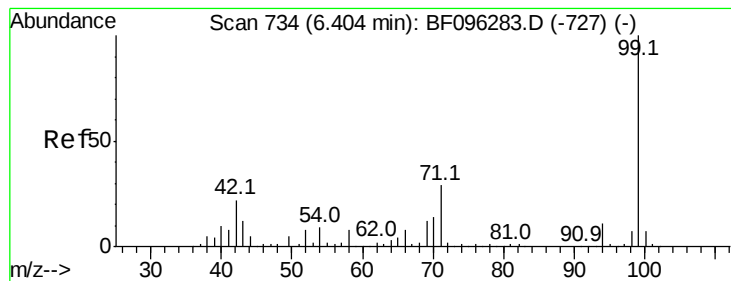
2-Fluorophenol
Concen: 101.04 ng
RT: 5.37 min Scan# 559
Delta R.T. -0.01 min
Lab File: BF096359.D
Acq: 1 Jul 2017 1:56

Tgt Ion:112 Resp: 1107970
Ion Ratio Lower Upper
112 100
64 67.0 46.0 69.0
63 33.3 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: 100.82 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.00 min

Lab File: BF096359.D

Acq: 1 Jul 2017 1:56

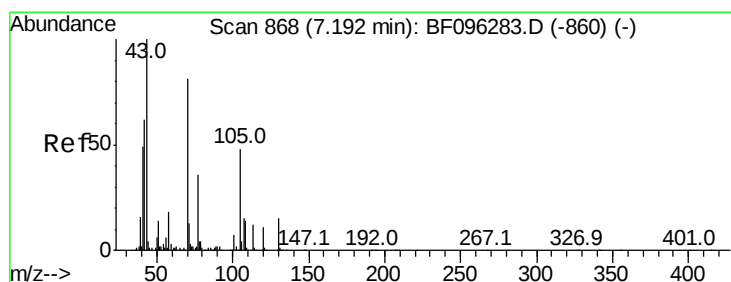
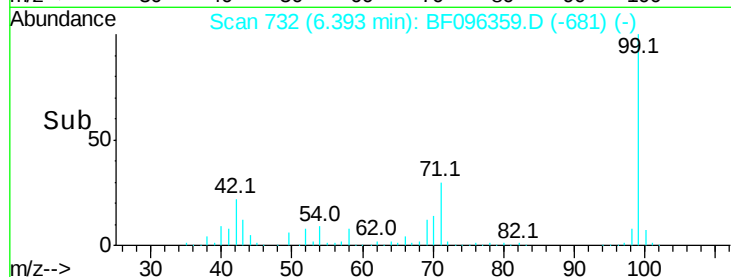
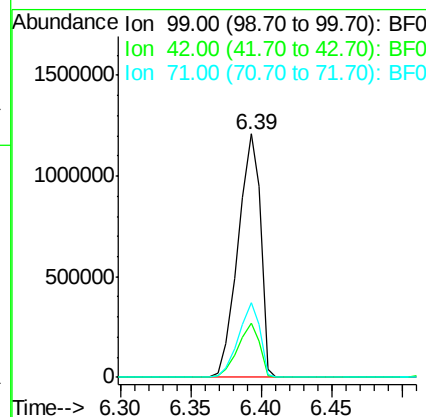
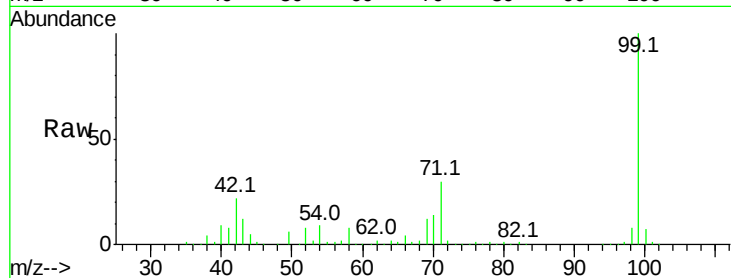
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1338582

Ion	Ratio	Lower	Upper
99	100		
42	22.4	13.5	20.3#
71	30.4	24.5	36.7



#19

n-Nitroso-di-n-propylamine

Concen: 12.08 ng

RT: 7.32 min Scan# 889

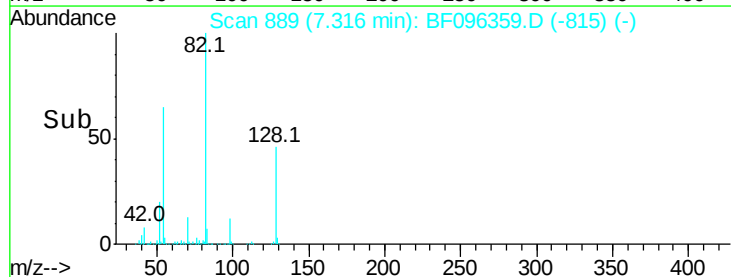
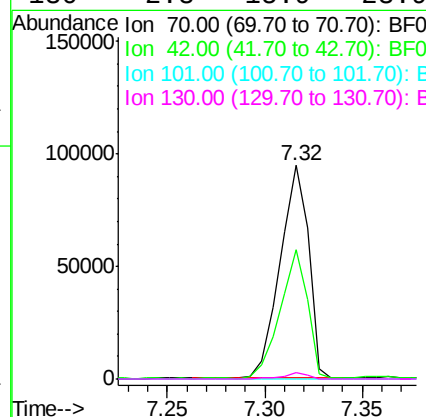
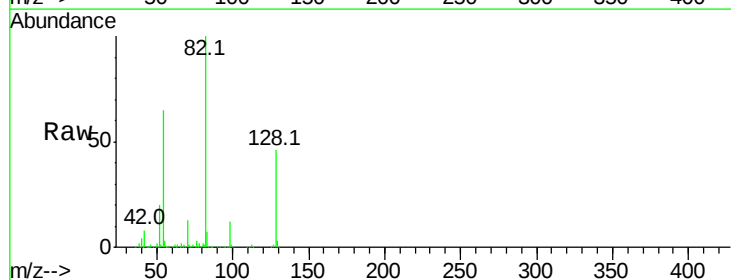
Delta R.T. 0.14 min

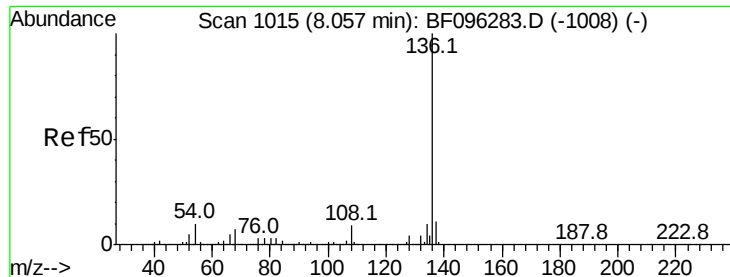
Lab File: BF096359.D

Acq: 1 Jul 2017 1:56

Tgt Ion: 70 Resp: 96057

Ion	Ratio	Lower	Upper
70	100		
42	60.5	47.2	70.8
101	0.0	7.2	10.8#
130	2.8	15.9	23.9#

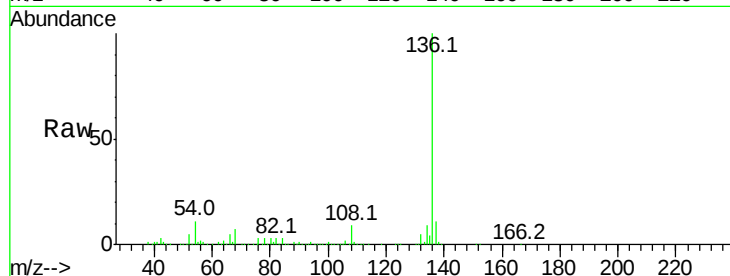




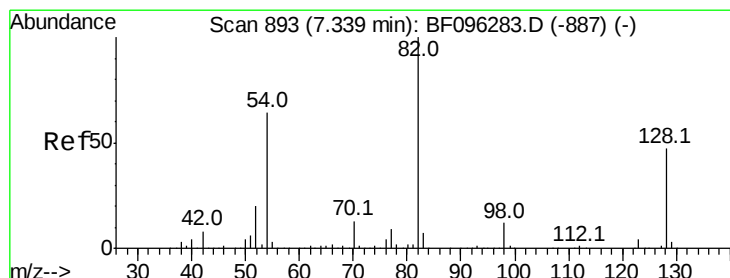
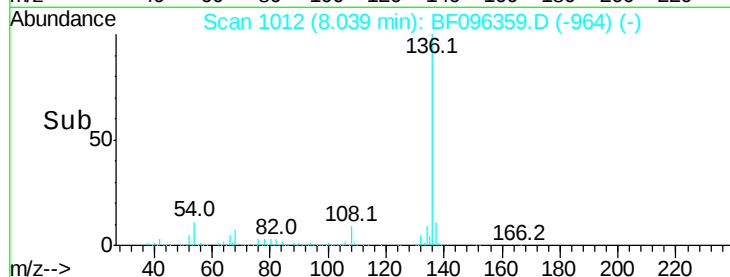
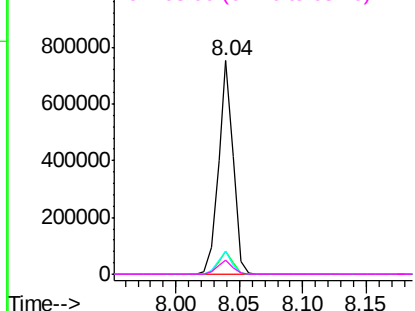
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.04 min Scan# 1012
Delta R.T. -0.02 min
Lab File: BF096359.D
Acq: 1 Jul 2017 1:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	611066
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.5	12.7
54	10.6	4.9	7.3#
68	6.7	4.1	6.1#

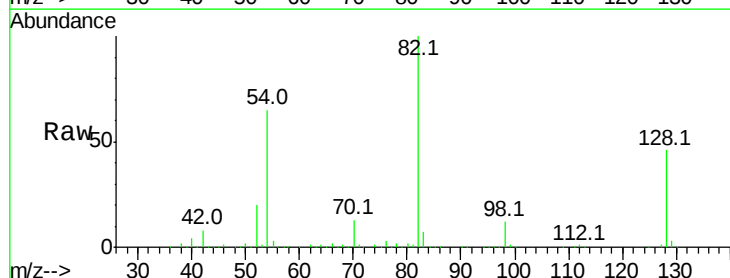


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

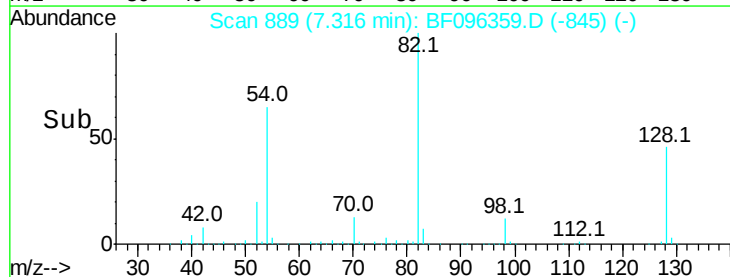
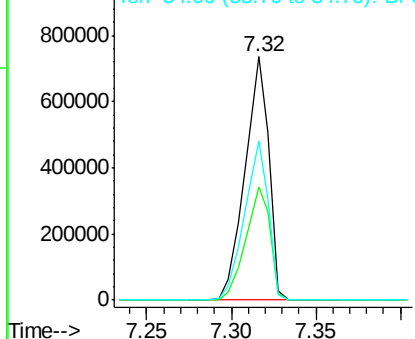


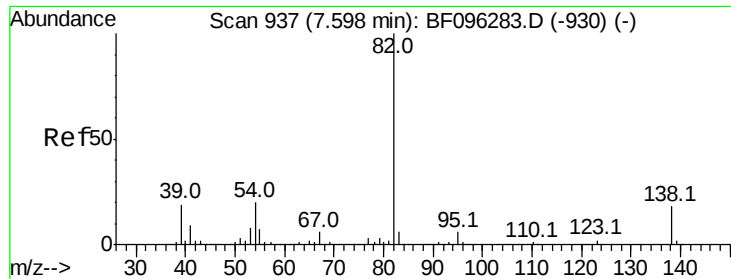
#23
Nitrobenzene-d5
Concen: 82.73 ng
RT: 7.32 min Scan# 889
Delta R.T. -0.04 min
Lab File: BF096359.D
Acq: 1 Jul 2017 1:56

Tgt Ion:	82	Resp:	730231
Ion	Ratio	Lower	Upper
82	100		
128	46.2	34.0	51.0
54	65.4	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: 36.31 ng

RT: 7.32 min Scan# 889

Delta R.T. -0.28 min

Lab File: BF096359.D

Acq: 1 Jul 2017 1:56

Instrument :

BNA_F

ClientSampled :

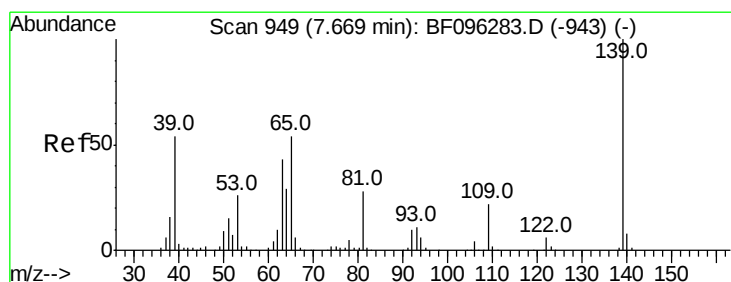
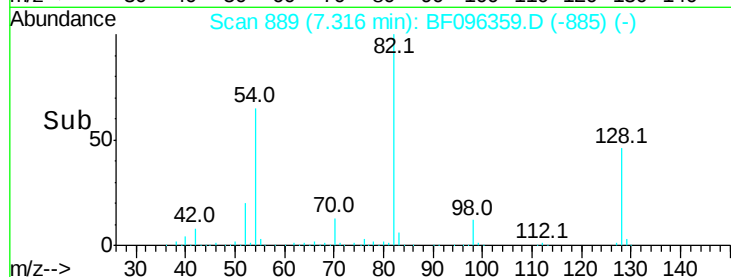
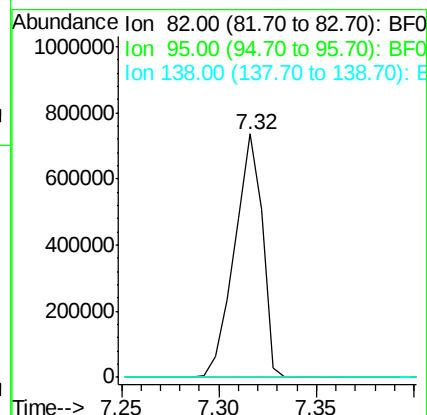
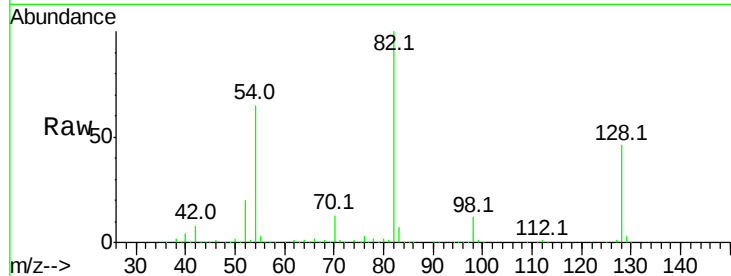
Tot Ion: 82 Resp: 727834

Ion Ratio Lower Upper

82 100

95 0.1 5.3 7.9#

138 0.0 13.1 19.7#



#26

2-Nitrophenol

Concen: 6.11 ng

RT: 7.67 min Scan# 949

Delta R.T. -0.02 min

Lab File: BF096359.D

Acq: 1 Jul 2017 1:56

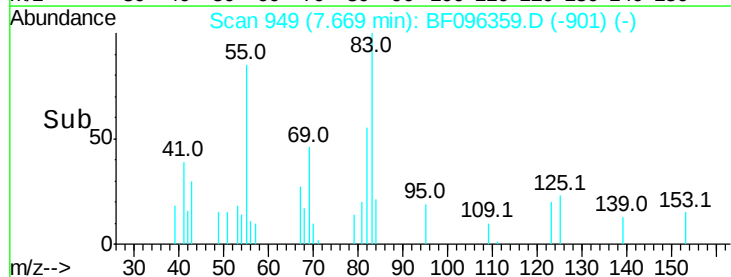
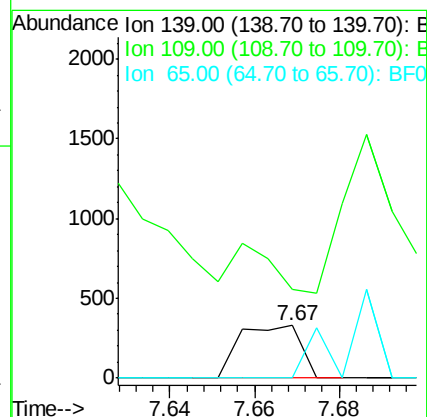
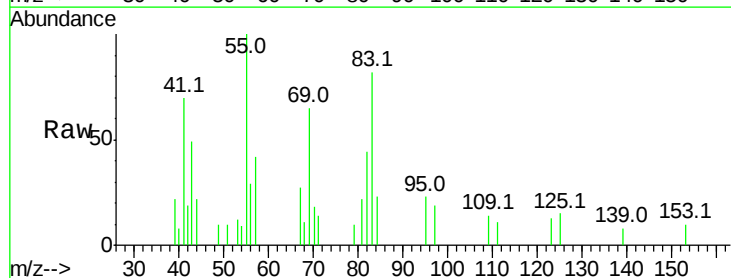
Tgt Ion: 139 Resp: 332

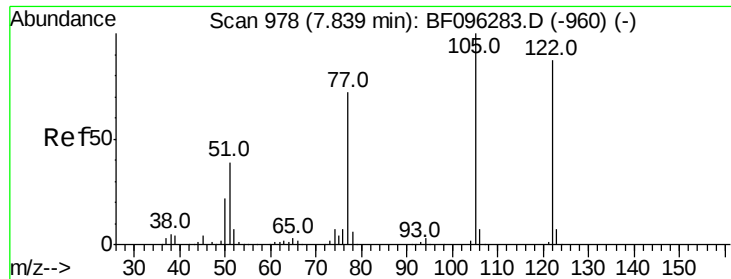
Ion Ratio Lower Upper

139 100

109 168.4 21.0 31.6#

65 0.0 33.0 49.6#

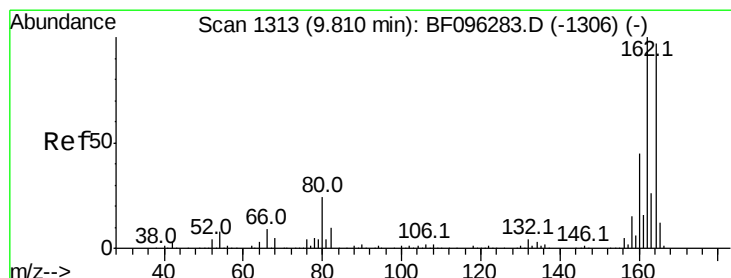
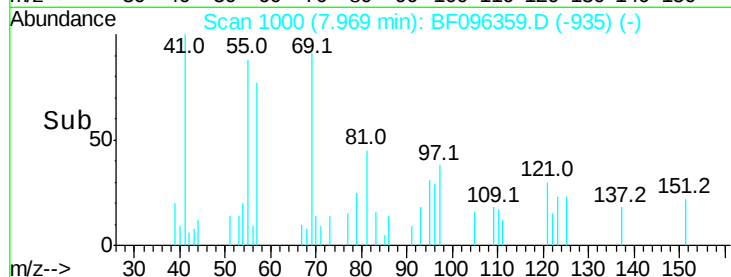
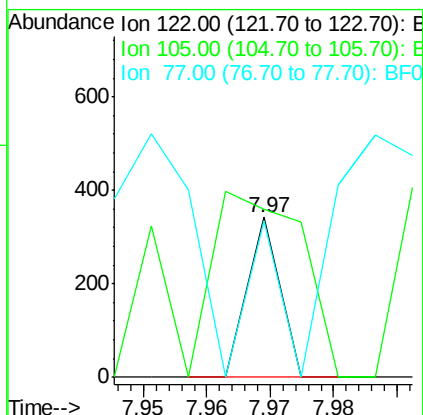
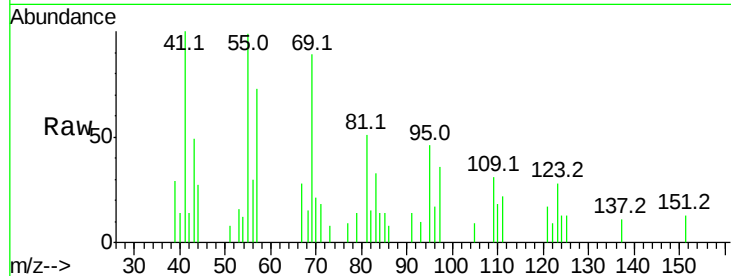




#32
Benzoic acid
Concen: 8.80 ng
RT: 7.97 min Scan# 1000
Delta R.T. 0.08 min
Lab File: BF096359.D
Acq: 1 Jul 2017 1:56

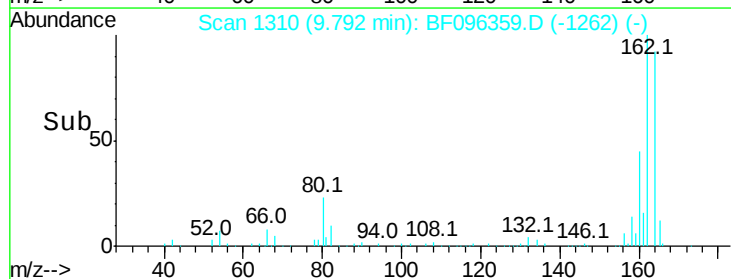
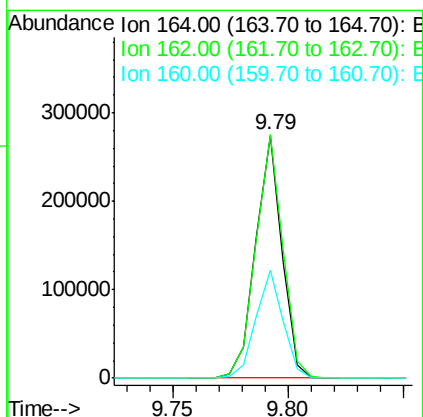
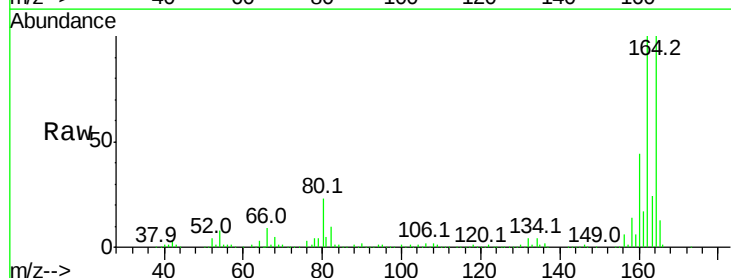
Instrument :
BNA_F
ClientSampleId :

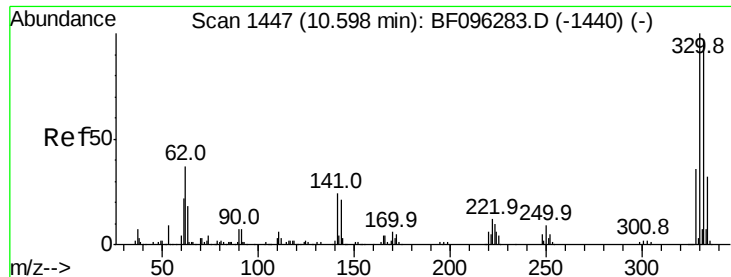
Tot Ion:122 Resp: 121
Ion Ratio Lower Upper
122 100
105 105.3 103.3 143.3
77 98.2 73.7 113.7



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.02 min
Lab File: BF096359.D
Acq: 1 Jul 2017 1:56

Tgt Ion:164 Resp: 219506
Ion Ratio Lower Upper
164 100
162 100.3 82.6 123.8
160 44.5 36.2 54.2

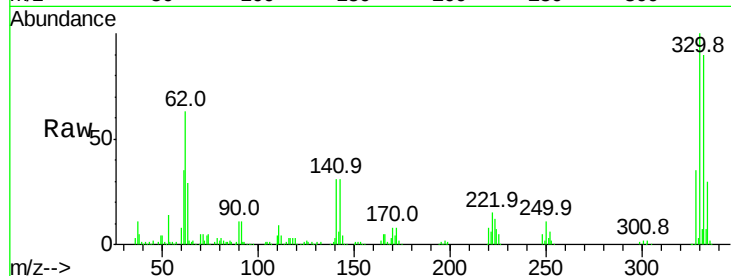




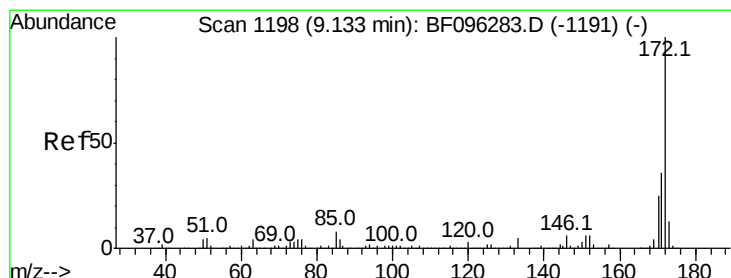
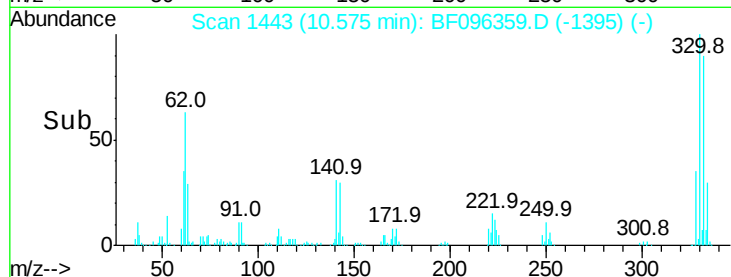
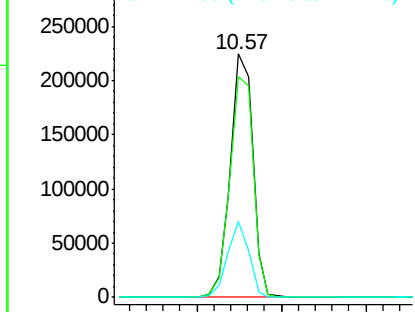
#41
 2,4,6-Tribromophenol
 Concen: 120.21 ng
 RT: 10.57 min Scan# 1443
 Delta R.T. -0.02 min
 Lab File: BF096359.D
 Acq: 1 Jul 2017 1:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 207661
 Ion Ratio Lower Upper
 330 100
 332 94.3 76.6 115.0
 141 29.5 31.4 47.2#

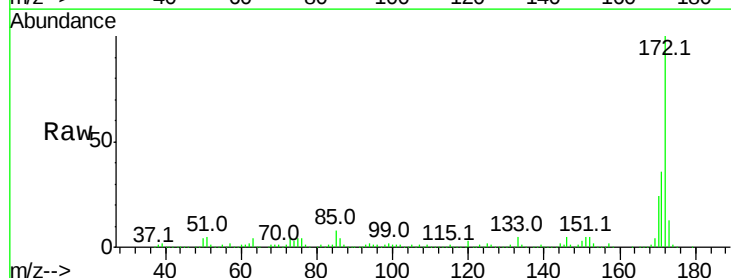


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

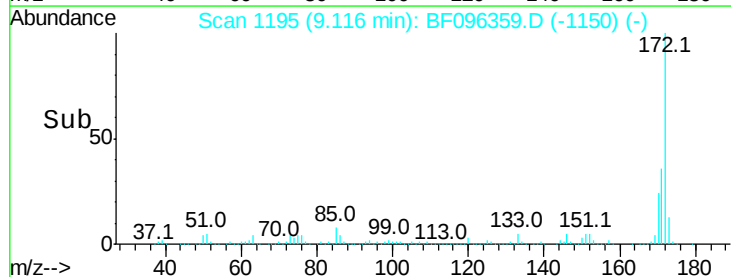
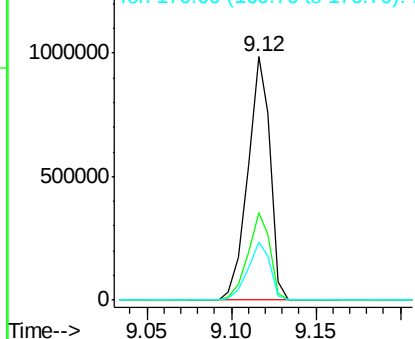


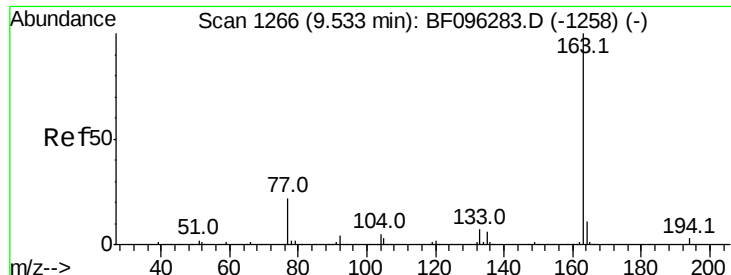
#44
 2-Fluorobiphenyl
 Concen: 75.97 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.03 min
 Lab File: BF096359.D
 Acq: 1 Jul 2017 1:56

Tgt Ion:172 Resp: 910526
 Ion Ratio Lower Upper
 172 100
 171 35.9 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

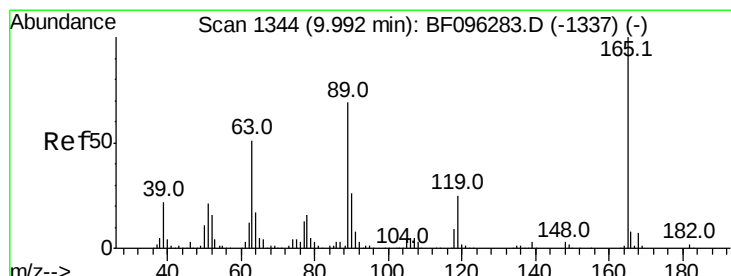
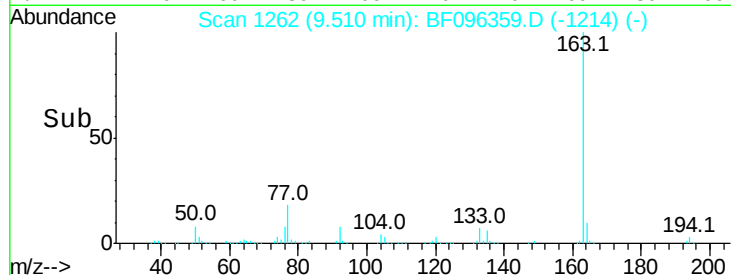
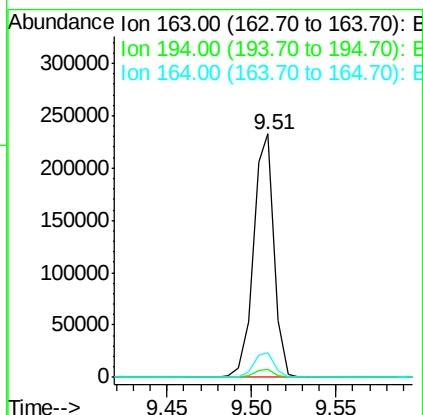
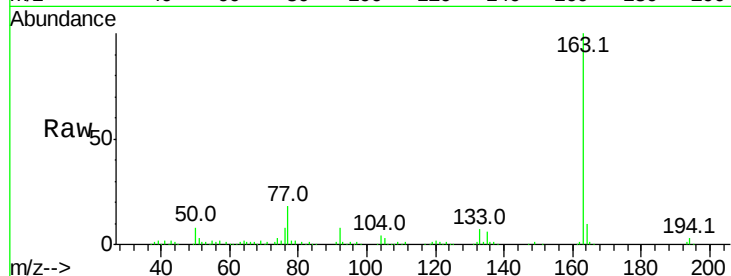




#49
Dimethylphthalate
Concen: 12.62 ng
RT: 9.51 min Scan# 1262
Delta R.T. -0.02 min
Lab File: BF096359.D
Acq: 1 Jul 2017 1:56

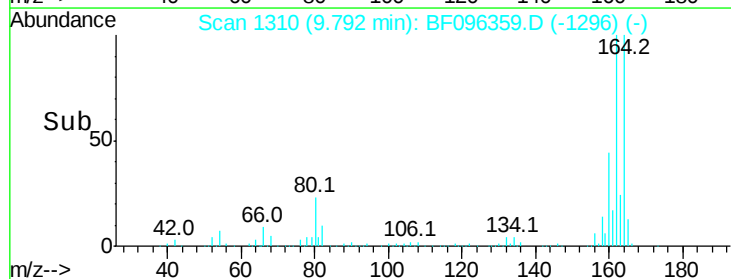
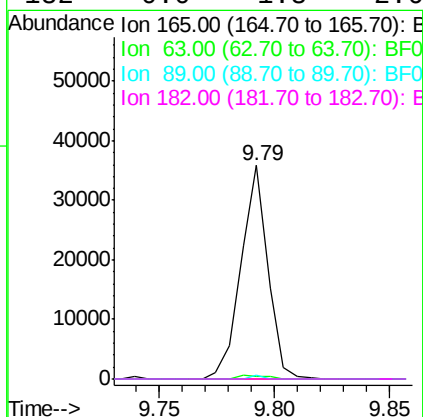
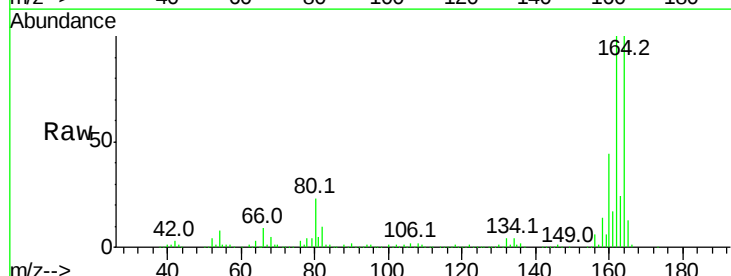
Instrument :
BNA_F
ClientSampleId :

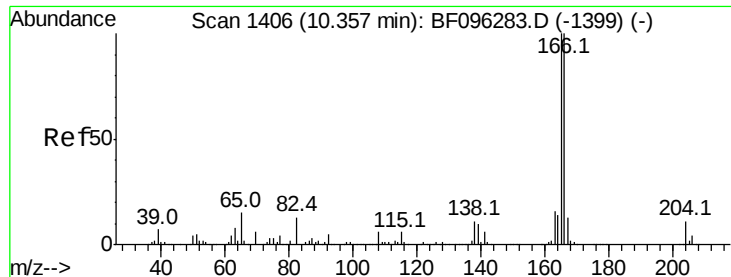
Tot Ion:163 Resp: 198263
Ion Ratio Lower Upper
163 100
194 3.4 2.6 4.0
164 10.1 8.4 12.6



#56
2,4-Dinitrotoluene
Concen: 7.08 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.22 min
Lab File: BF096359.D
Acq: 1 Jul 2017 1:56

Tgt Ion:165 Resp: 29162
Ion Ratio Lower Upper
165 100
63 1.4 25.4 38.0#
89 1.5 46.4 69.6#
182 0.0 1.8 2.6#





#57

Fluorene

Concen: Below Cal

RT: 10.34 min Scan# 1403

Delta R.T. -0.03 min

Lab File: BF096359.D

Acq: 1 Jul 2017 1:56

Instrument :

BNA_F

ClientSampleId :

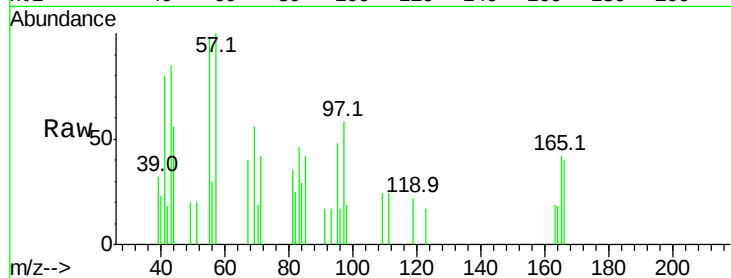
Tot Ion:166 Resp: 713

Ion Ratio Lower Upper

166 100

165 104.3 78.8 118.2

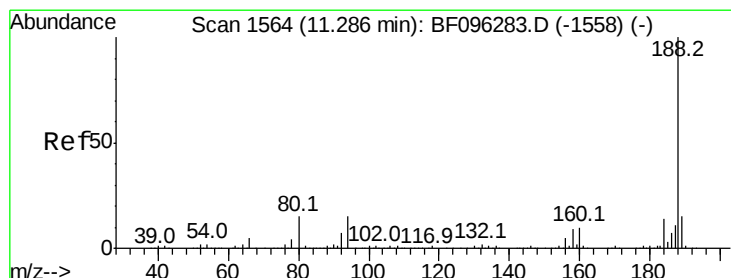
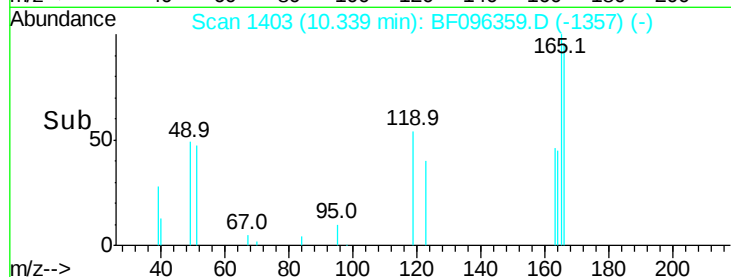
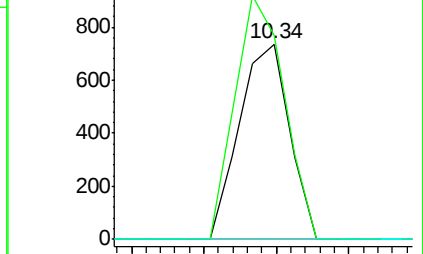
167 0.0 10.6 16.0#



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.27 min Scan# 1561

Delta R.T. -0.02 min

Lab File: BF096359.D

Acq: 1 Jul 2017 1:56

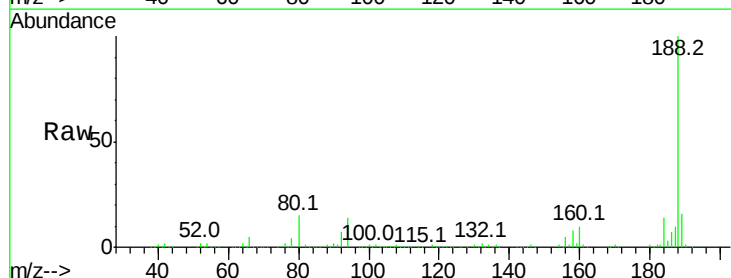
Tgt Ion:188 Resp: 331520

Ion Ratio Lower Upper

188 100

94 13.8 9.4 14.2

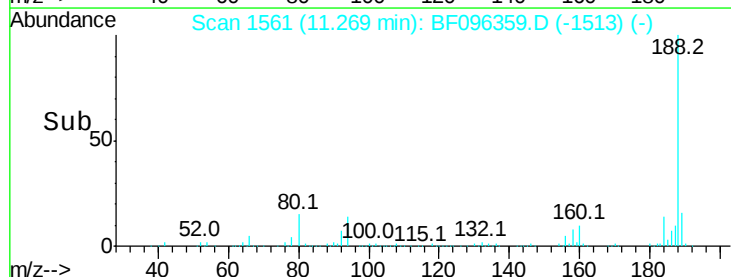
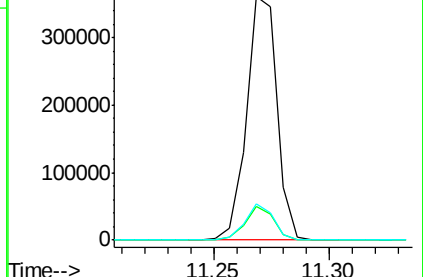
80 14.6 10.2 15.2

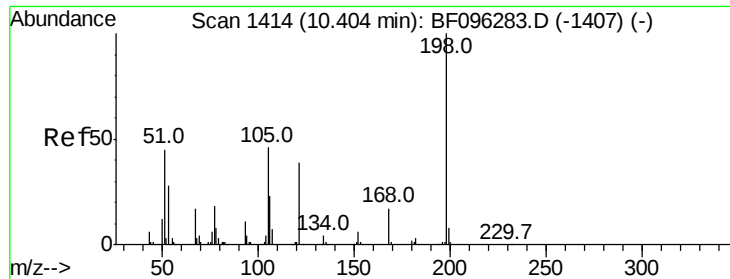


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

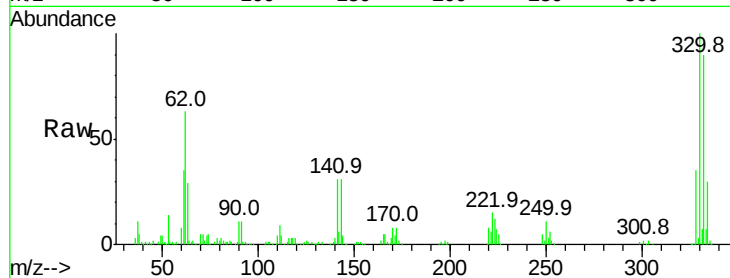




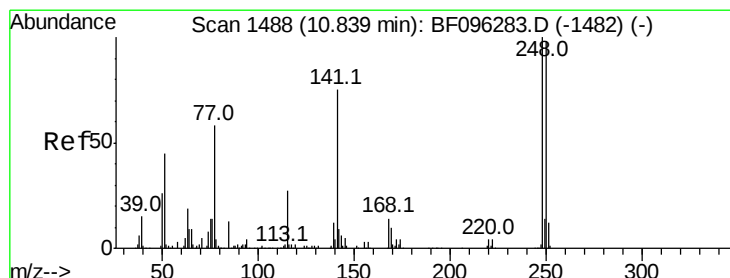
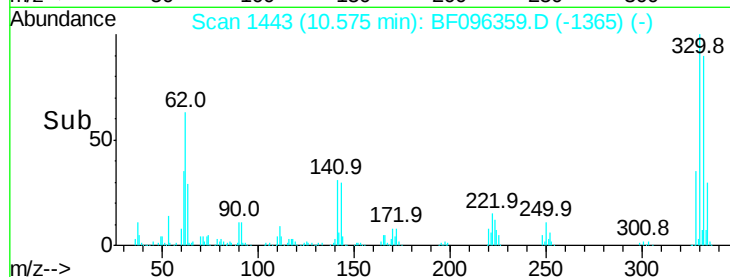
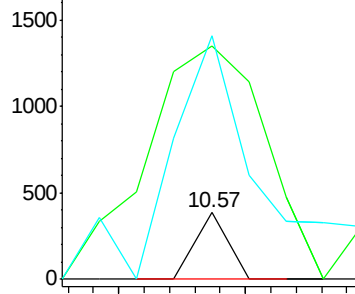
#64
4,6-Dinitro-2-methylphenol
Concen: 8.81 ng
RT: 10.57 min Scan# 1443
Delta R.T. 0.16 min
Lab File: BF096359.D
Acq: 1 Jul 2017 1:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 136
Ion Ratio Lower Upper
198 100
51 352.1 53.2 93.2#
105 366.7 45.8 85.8#

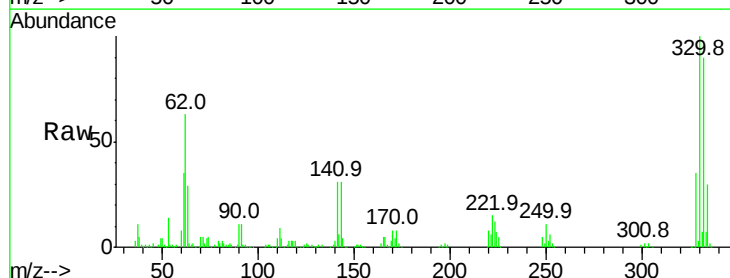


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E

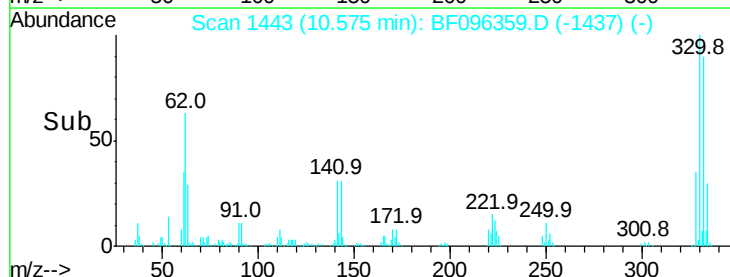
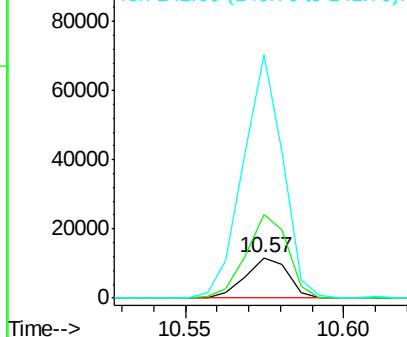


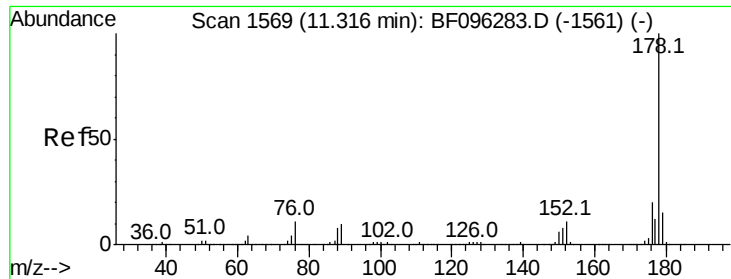
#66
4-Bromophenyl-phenylether
Concen: 3.17 ng
RT: 10.57 min Scan# 1443
Delta R.T. -0.26 min
Lab File: BF096359.D
Acq: 1 Jul 2017 1:56

Tgt Ion:248 Resp: 10800
Ion Ratio Lower Upper
248 100
250 206.6 76.8 115.2#
141 597.7 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

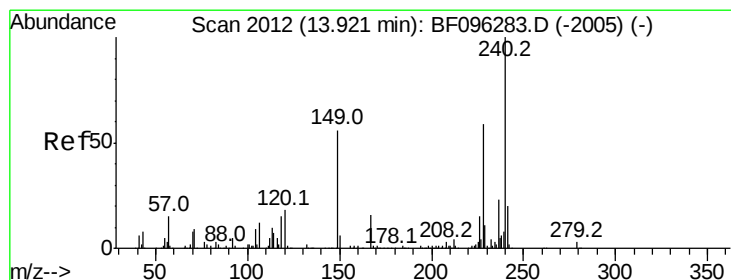
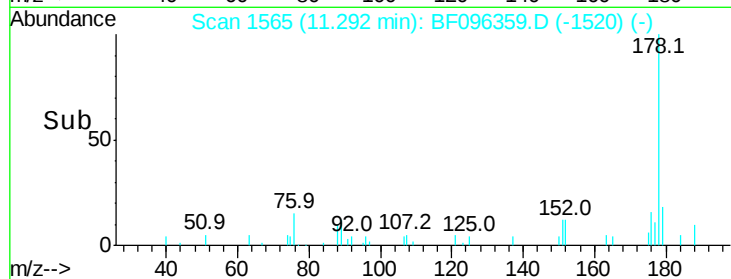
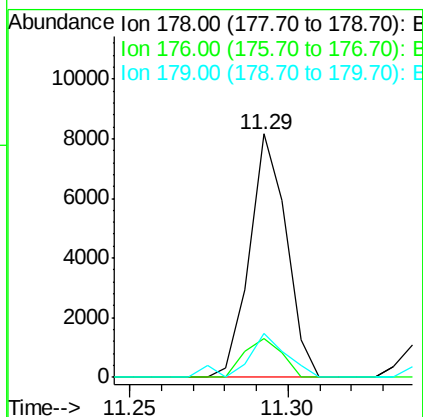
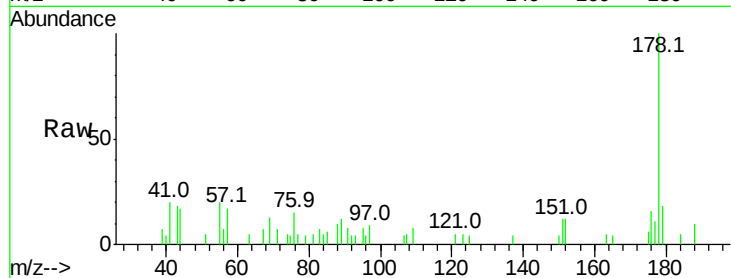




#70
Phenanthrene
Concen: Below Cal
RT: 11.29 min Scan# 1565
Delta R.T. -0.03 min
Lab File: BF096359.D
Acq: 1 Jul 2017 1:56

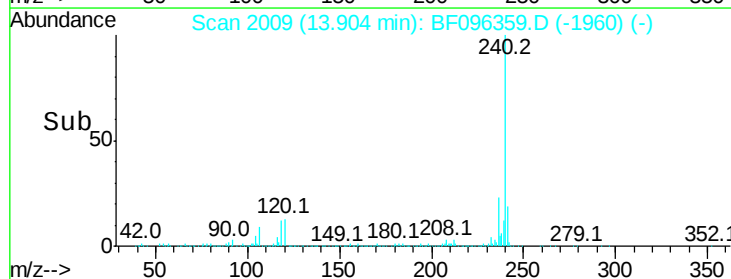
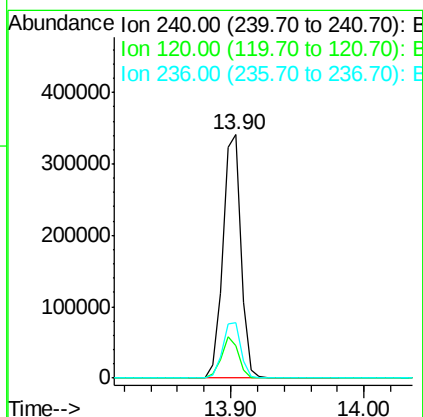
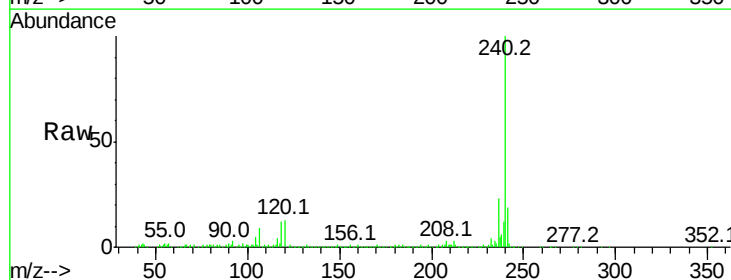
Instrument :
BNA_F
ClientSampleId :

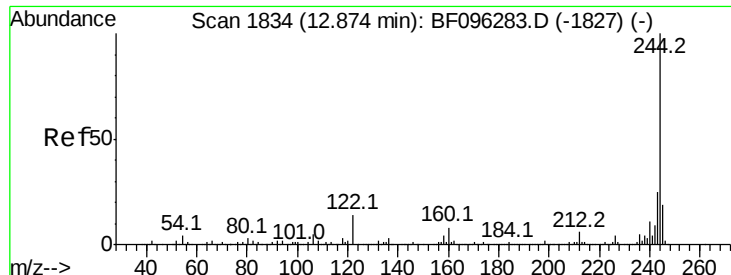
Tot Ion:178 Resp: 6565
Ion Ratio Lower Upper
178 100
176 16.1 16.2 24.4#
179 18.1 12.6 19.0



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.90 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BF096359.D
Acq: 1 Jul 2017 1:56

Tgt Ion:240 Resp: 327084
Ion Ratio Lower Upper
240 100
120 13.3 5.8 8.8#
236 22.7 20.5 30.7

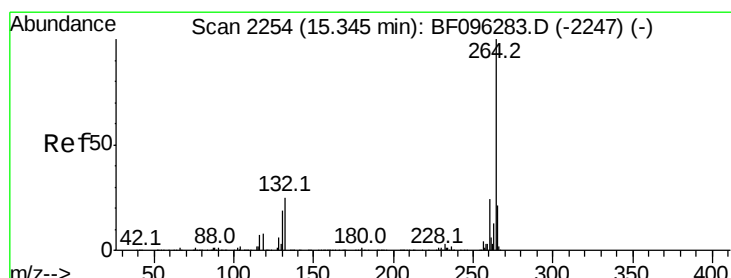
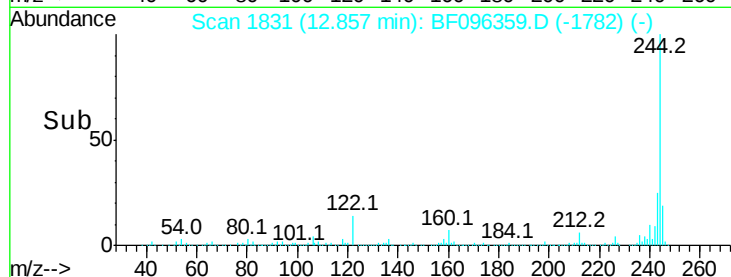
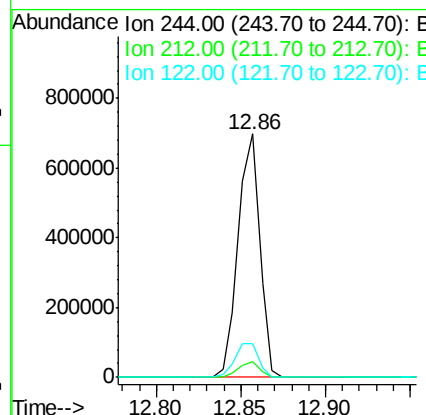
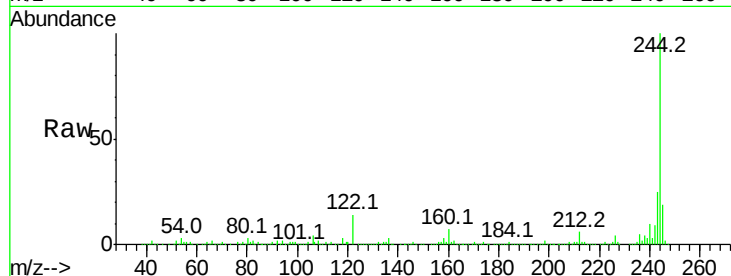




#78
 Terphenyl-d14
 Concen: 47.42 ng
 RT: 12.86 min Scan# 1831
 Delta R.T. -0.01 min
 Lab File: BF096359.D
 Acq: 1 Jul 2017 1:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 621541
 Ion Ratio Lower Upper
 244 100
 212 6.3 6.0 9.0
 122 14.1 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.32 min Scan# 2250
 Delta R.T. -0.02 min
 Lab File: BF096359.D
 Acq: 1 Jul 2017 1:56

Tgt Ion:264 Resp: 218654
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.5 29.3
 265 22.1 17.2 25.8

