

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070117\
 Data File : BF096383.D
 Acq On : 1 Jul 2017 17:15
 Operator : SJ/MA
 Sample : I3983-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 03 01:47:58 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

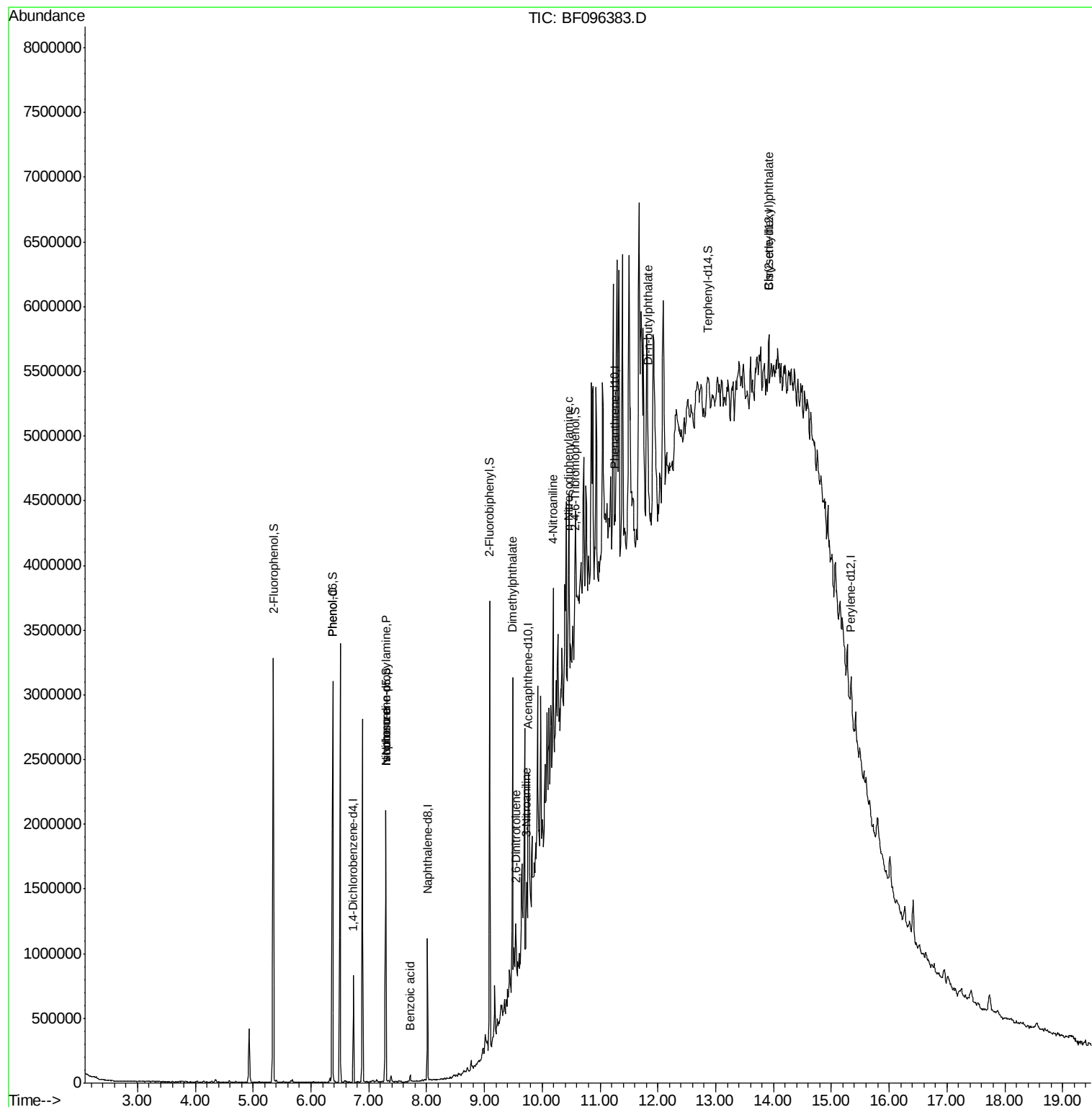
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	110166	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	453909	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	142226	20.00	ng	0.00
63) Phenanthrene-d10	11.26	188	167028	20.00	ng	0.00
75) Chrysene-d12	13.93	240	65523	20.00	ng	0.05
86) Perylene-d12	15.34	264	169107	20.00	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	1000502	134.04	ng	0.00
7) Phenol-d6	6.37	99	1187452	129.41	ng	0.00
23) Nitrobenzene-d5	7.29	82	657397	87.03	ng	-0.01
41) 2,4,6-Tribromophenol	10.56	330	137658	123.91	ng	0.00
44) 2-Fluorobiphenyl	9.09	172	1042155	125.28	ng	0.00
78) Terphenyl-d14	12.87	244	297215	96.93	ng	0.04
Target Compounds						Qvalue
10) Phenol	6.38	94	30202	2.89	ng	99
19) n-Nitroso-di-n-propylamine	7.29	70	87950	16.09	ng	# 88
25) Isophorone	7.29	82	654003	44.65	ng	# 67
32) Benzoic acid	7.72	122	13386	2.23	ng	88
49) Dimethylphthalate	9.49	163	485916	45.77	ng	# 97
50) 2,6-Dinitrotoluene	9.55	165	10644	4.53	ng	# 40
52) 3-Nitroaniline	9.73	138	13668	4.67	ng	# 14
61) 4-Nitroaniline	10.19	138	17298	6.50	ng	90
65) n-Nitrosodiphenylamine	10.45	169	11888	2.03	ng	# 67
73) Di-n-butylphthalate	11.83	149	29868	2.66	ng	# 1
83) Bis(2-ethylhexyl)phthalate	13.92	149	297177	100.00	ng	# 84

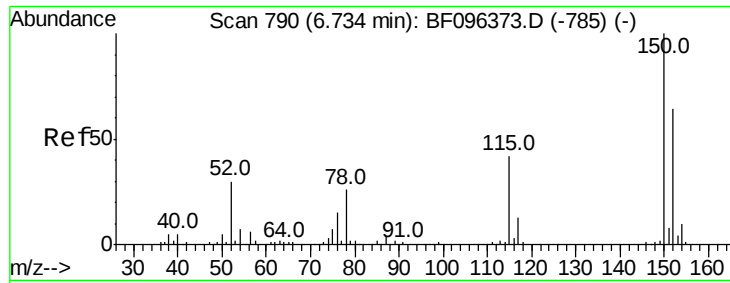
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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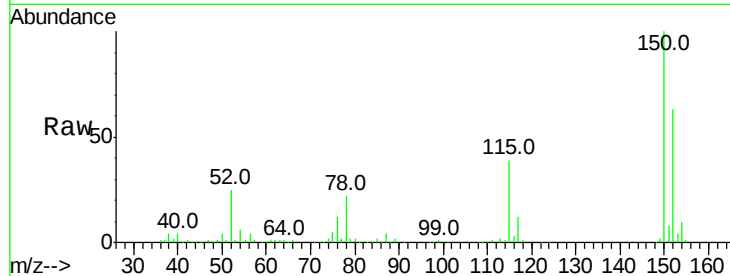


#1

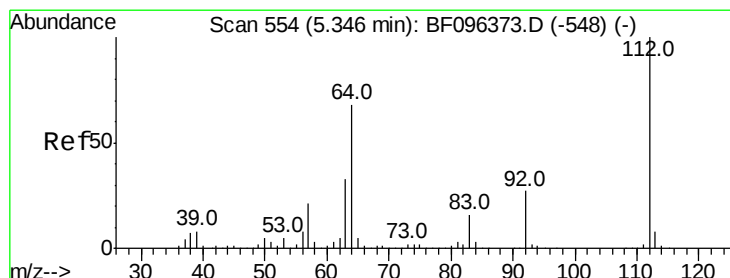
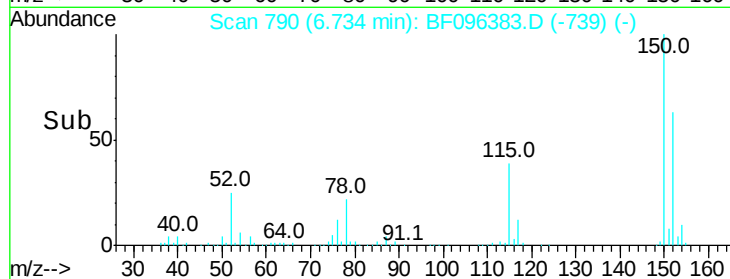
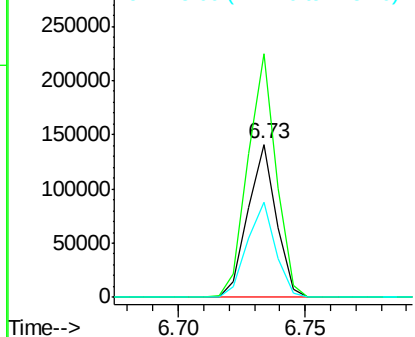
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.00 min
Lab File: BF096383.D
Acq: 1 Jul 2017 17:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 110166
Ion Ratio Lower Upper
152 100
150 159.0 126.2 189.2
115 62.1 52.2 78.2



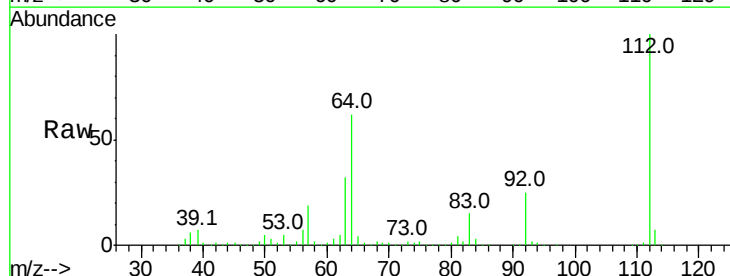
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



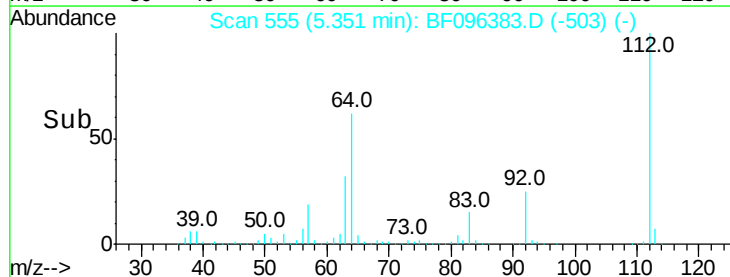
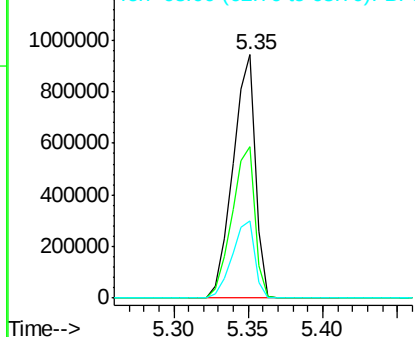
#5

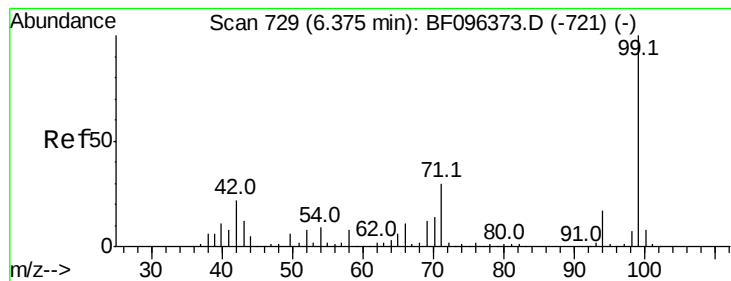
2-Fluorophenol
Concen: 134.04 ng
RT: 5.35 min Scan# 555
Delta R.T. 0.01 min
Lab File: BF096383.D
Acq: 1 Jul 2017 17:15

Tgt Ion:112 Resp: 1000502
Ion Ratio Lower Upper
112 100
64 62.0 46.0 69.0
63 31.7 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: 129.41 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.00 min

Lab File: BF096383.D

Acq: 1 Jul 2017 17:15

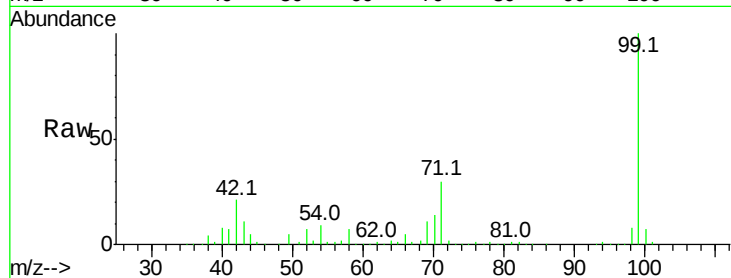
Instrument :

BNA_F

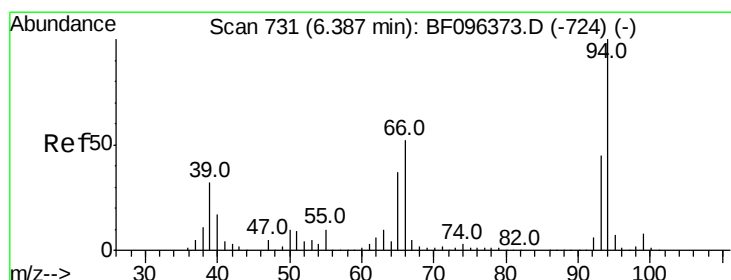
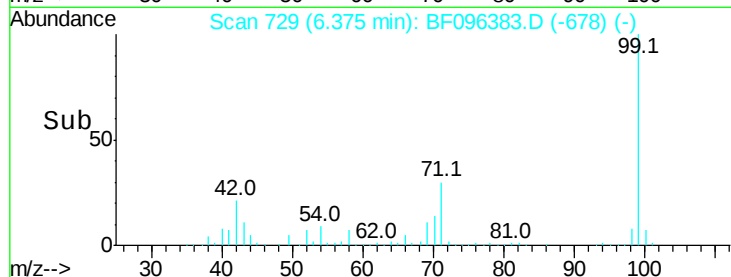
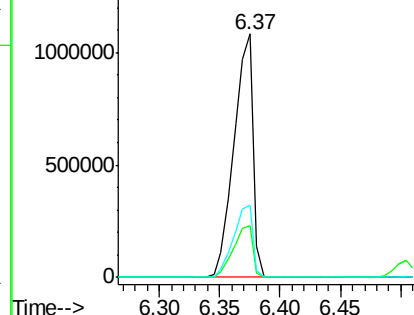
ClientSampled :

Tot Ion: 99 Resp: 1187452

Ion	Ratio	Lower	Upper
99	100		
42	21.3	13.5	20.3#
71	29.8	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: 2.89 ng

RT: 6.38 min Scan# 730

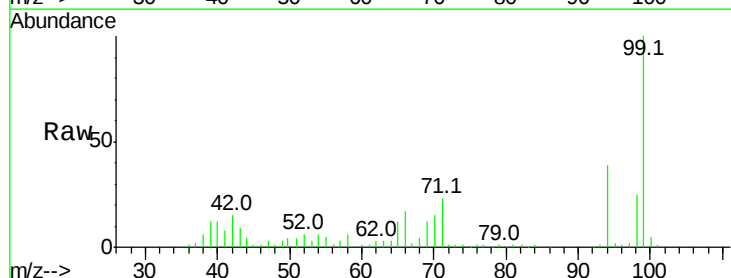
Delta R.T. -0.01 min

Lab File: BF096383.D

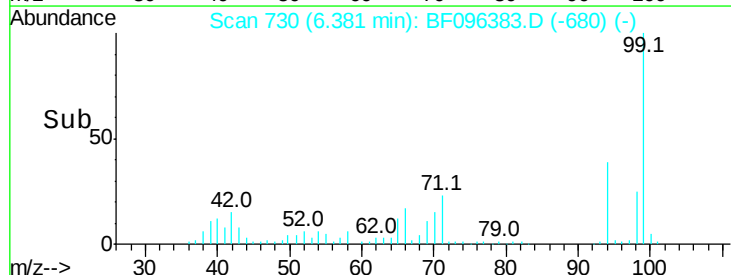
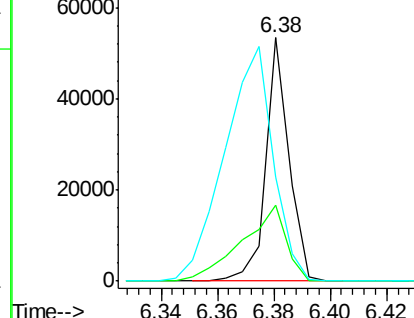
Acq: 1 Jul 2017 17:15

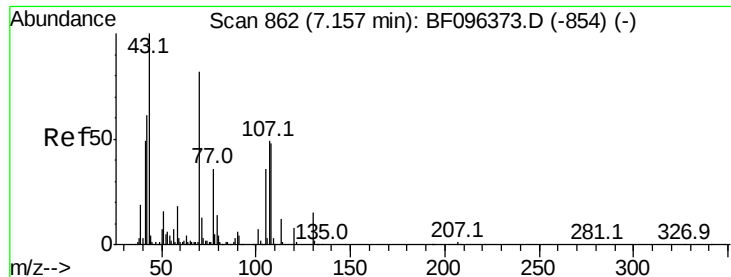
Tgt Ion: 94 Resp: 30202

Ion	Ratio	Lower	Upper
94	100		
65	31.3	9.9	49.9
66	42.8	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

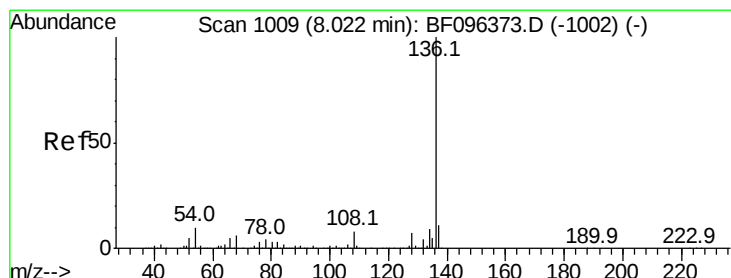
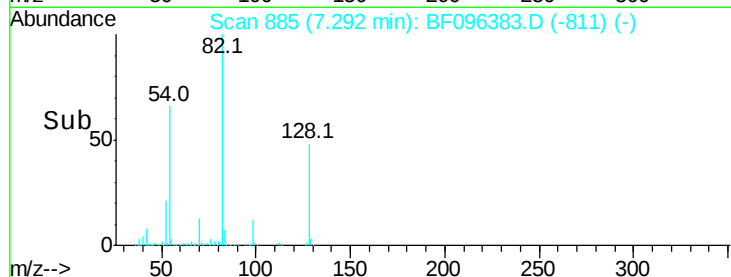
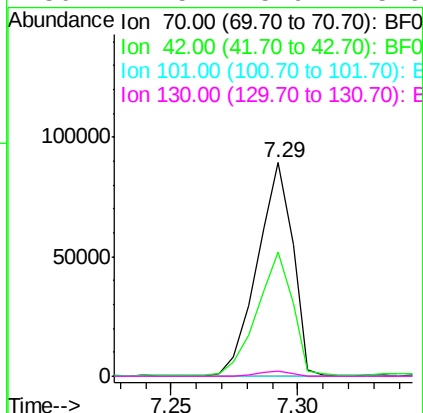
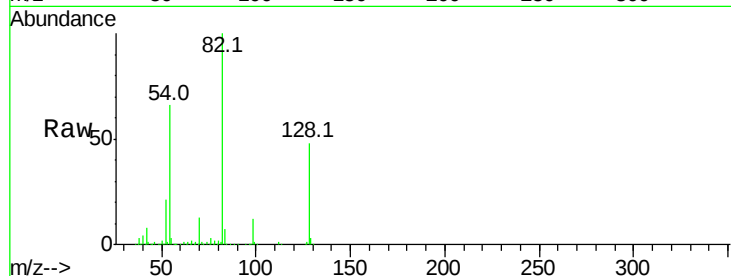




#19
n-Nitroso-di-n-propylamine
Concen: 16.09 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.14 min
Lab File: BF096383.D
Acq: 1 Jul 2017 17:15

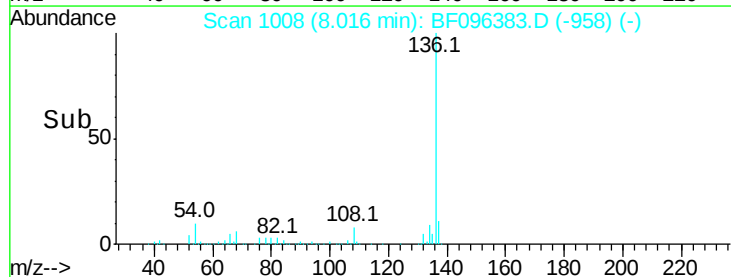
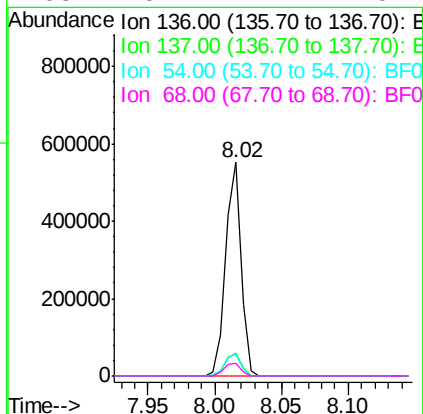
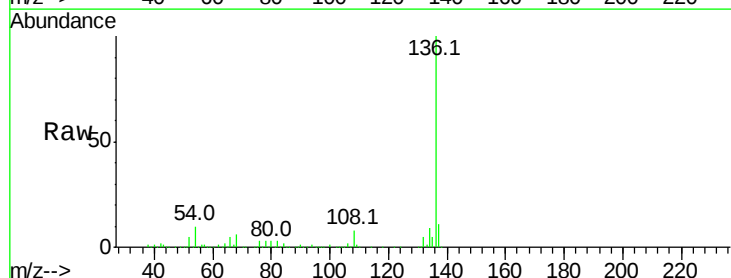
Instrument :
BNA_F
ClientSampleId :

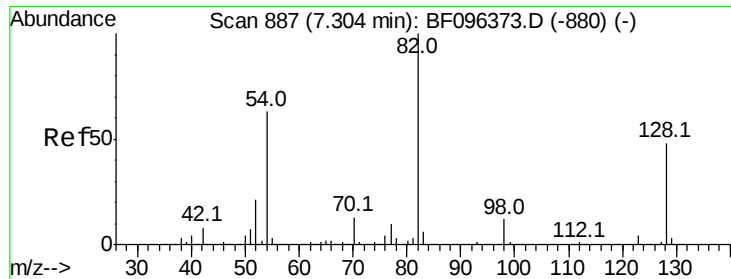
Tot Ion: 70 Resp: 87950
Ion Ratio Lower Upper
70 100
42 58.4 47.2 70.8
101 0.0 7.2 10.8#
130 2.5 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BF096383.D
Acq: 1 Jul 2017 17:15

Tgt Ion:136 Resp: 453909
Ion Ratio Lower Upper
136 100
137 11.1 8.5 12.7
54 10.1 4.9 7.3#
68 6.2 4.1 6.1#

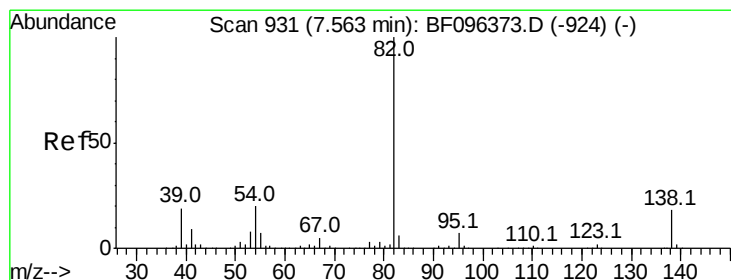
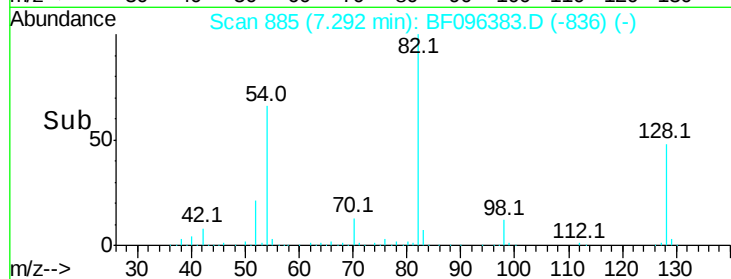
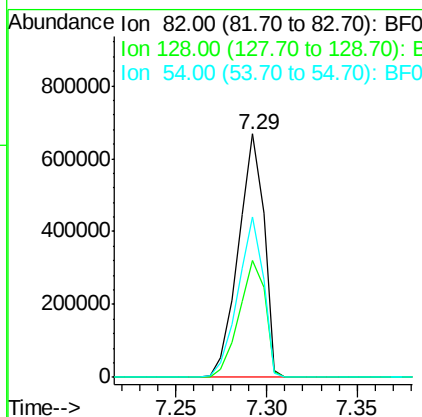
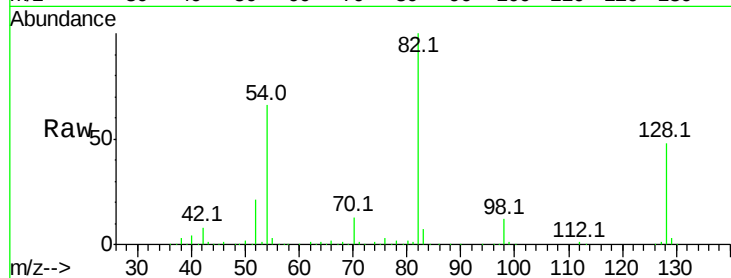




#23
 Nitrobenzene-d5
 Concen: 87.03 ng
 RT: 7.29 min Scan# 885
 Delta R.T. -0.01 min
 Lab File: BF096383.D
 Acq: 1 Jul 2017 17:15

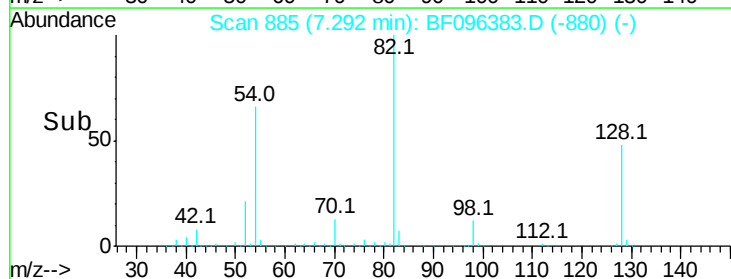
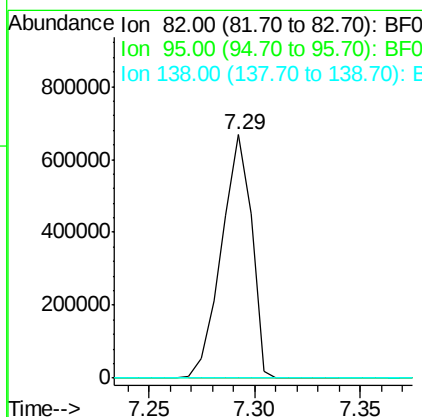
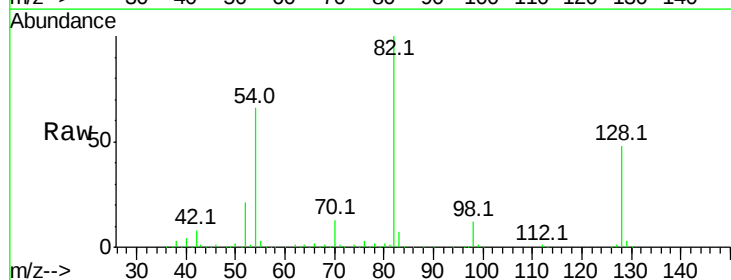
Instrument :
 BNA_F
 ClientSampleId :

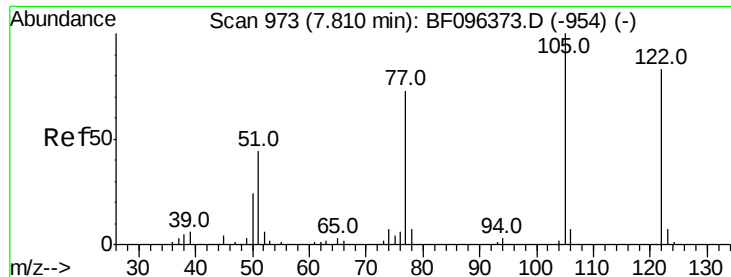
Tot Ion: 82 Resp: 657397
 Ion Ratio Lower Upper
 82 100
 128 48.0 34.0 51.0
 54 65.8 42.2 63.2#



#25
 Isophorone
 Concen: 44.65 ng
 RT: 7.29 min Scan# 885
 Delta R.T. -0.27 min
 Lab File: BF096383.D
 Acq: 1 Jul 2017 17:15

Tgt Ion: 82 Resp: 654003
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.3 7.9#
 138 0.0 13.1 19.7#

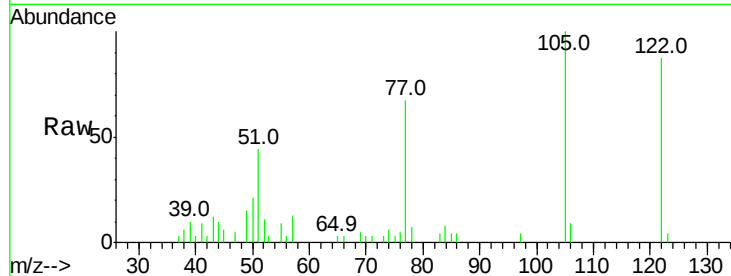




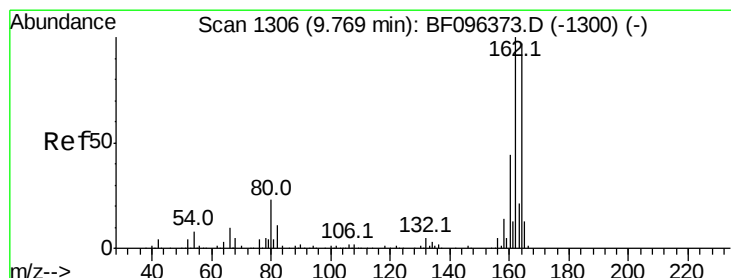
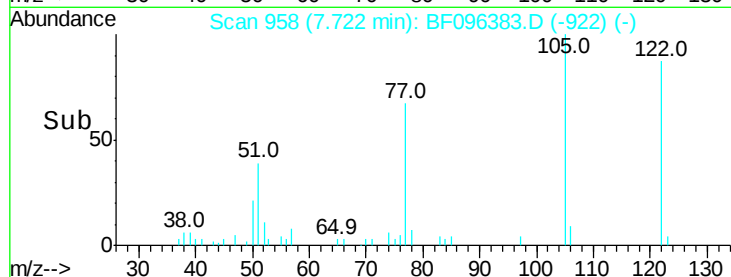
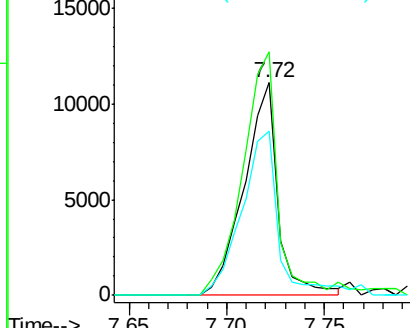
#32
Benzoic acid
Concen: 2.23 ng
RT: 7.72 min Scan# 958
Delta R.T. -0.09 min
Lab File: BF096383.D
Acq: 1 Jul 2017 17:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:122 Resp: 13386
Ion Ratio Lower Upper
122 100
105 114.7 103.3 143.3
77 77.1 73.7 113.7

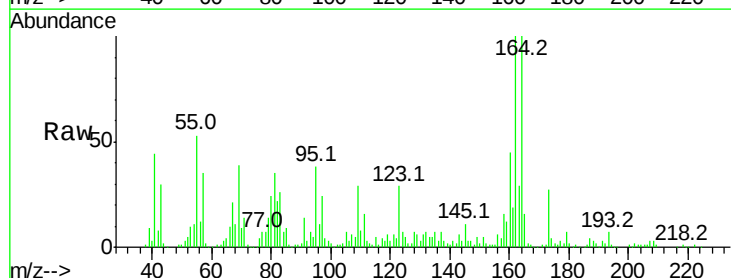


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

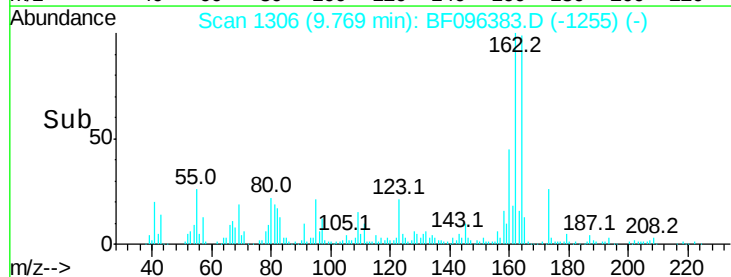
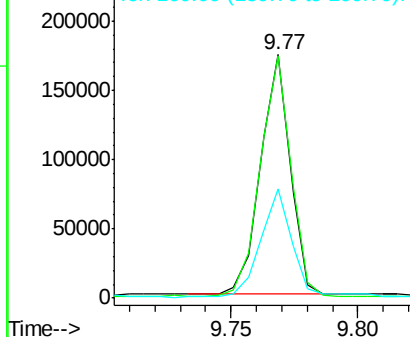


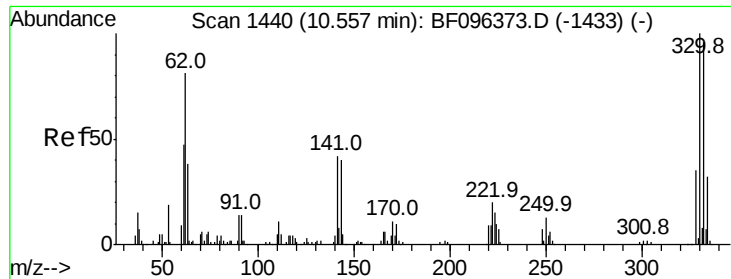
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.77 min Scan# 1306
Delta R.T. -0.00 min
Lab File: BF096383.D
Acq: 1 Jul 2017 17:15

Tgt Ion:164 Resp: 142226
Ion Ratio Lower Upper
164 100
162 99.7 82.6 123.8
160 44.8 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

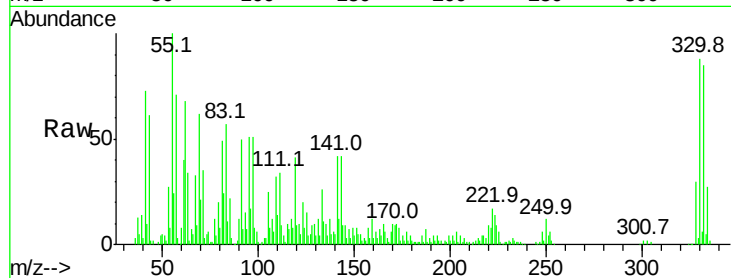




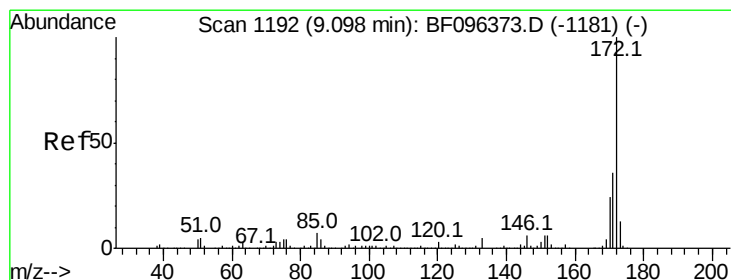
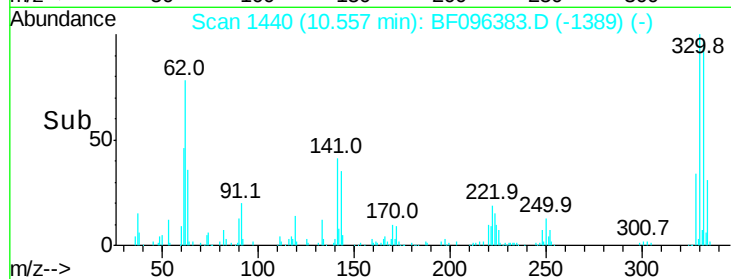
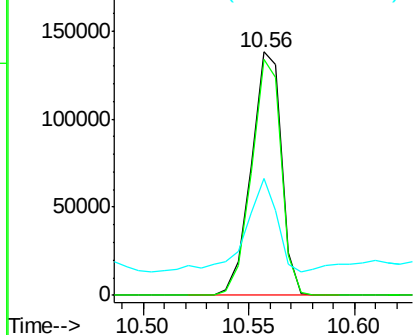
#41
 2,4,6-Tribromophenol
 Concen: 123.91 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. -0.00 min
 Lab File: BF096383.D
 Acq: 1 Jul 2017 17:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 137658
 Ion Ratio Lower Upper
 330 100
 332 95.2 76.6 115.0
 141 40.2 31.4 47.2

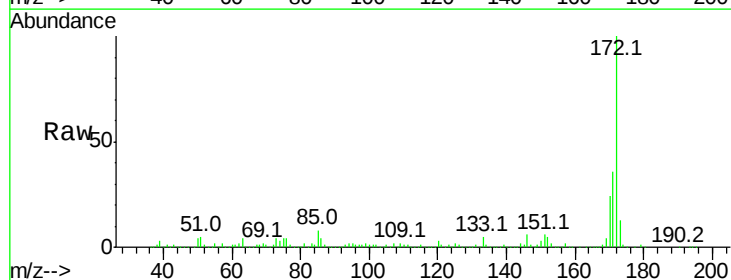


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

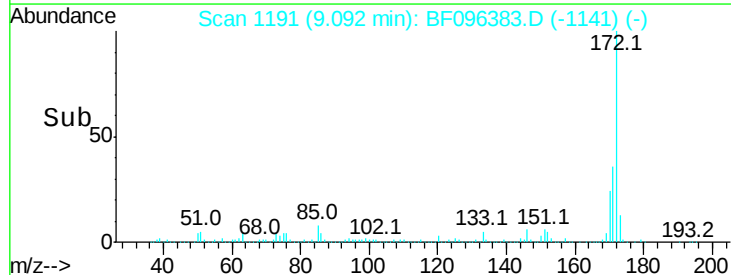
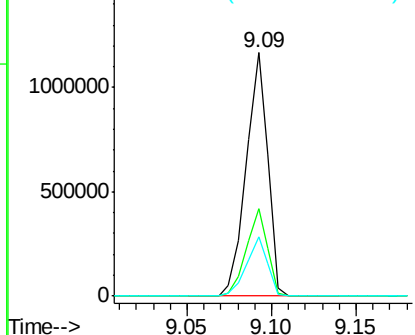


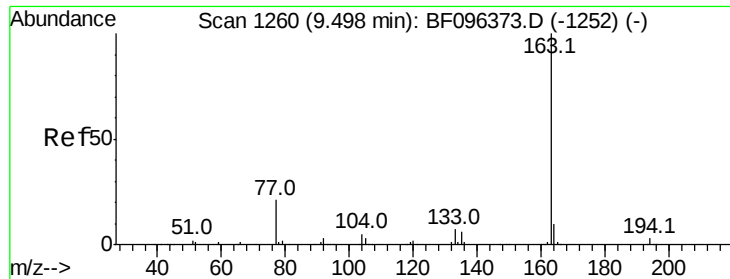
#44
 2-Fluorobiphenyl
 Concen: 125.28 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. -0.01 min
 Lab File: BF096383.D
 Acq: 1 Jul 2017 17:15

Tgt Ion:172 Resp: 1042155
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.6 44.4
 170 24.2 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

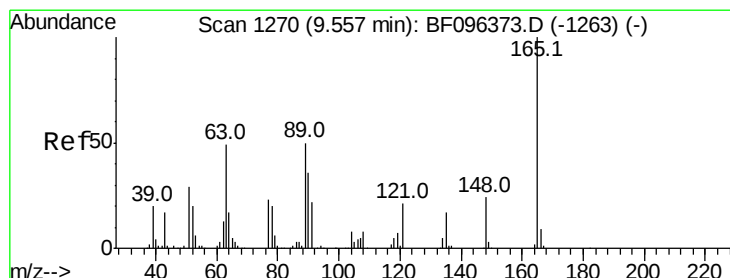
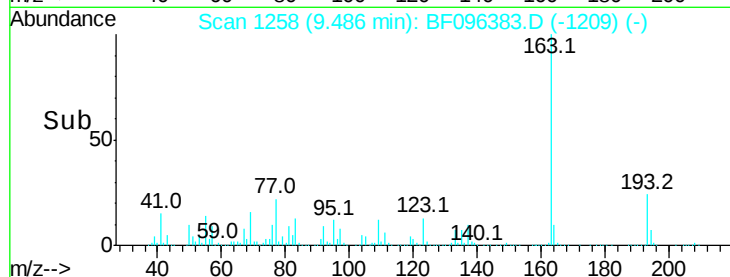
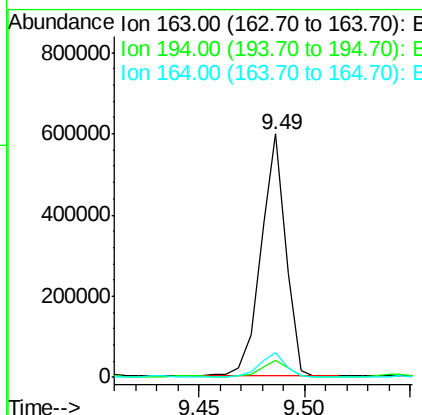
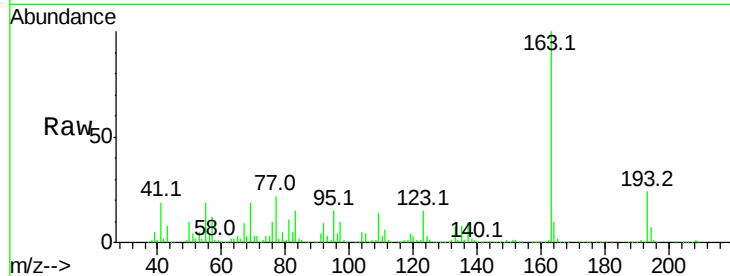




#49
 Dimethylphthalate
 Concen: 45.77 ng
 RT: 9.49 min Scan# 1258
 Delta R.T. -0.01 min
 Lab File: BF096383.D
 Acq: 1 Jul 2017 17:15

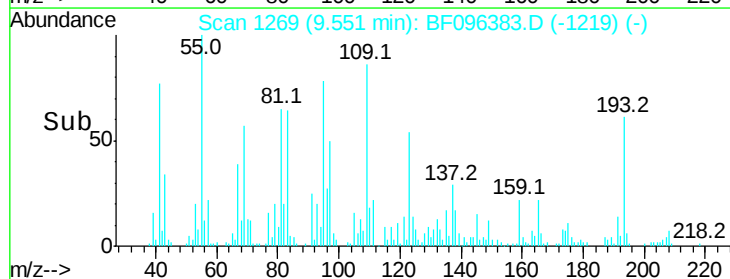
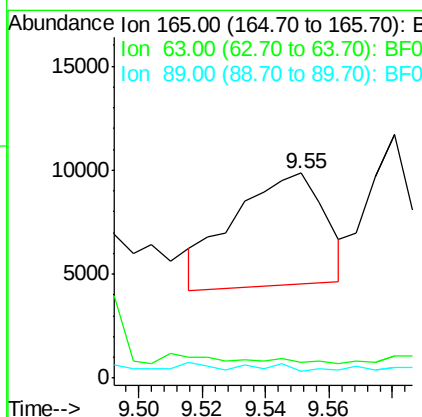
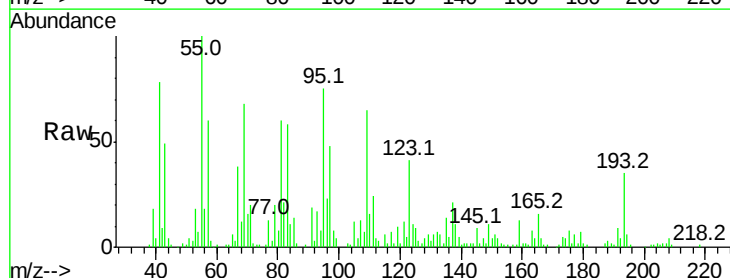
Instrument :
 BNA_F
 ClientSampleId :

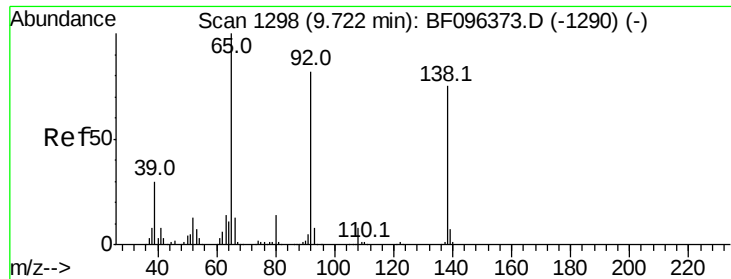
Tot Ion:	163	Resp:	485916
Ion	Ratio	Lower	Upper
163	100		
194	6.8	2.6	4.0#
164	10.3	8.4	12.6



#50
 2,6-Dinitrotoluene
 Concen: 4.53 ng
 RT: 9.55 min Scan# 1269
 Delta R.T. -0.01 min
 Lab File: BF096383.D
 Acq: 1 Jul 2017 17:15

Tgt Ion:	165	Resp:	10644
Ion	Ratio	Lower	Upper
165	100		
63	7.6	34.3	51.5#
89	3.4	37.1	55.7#

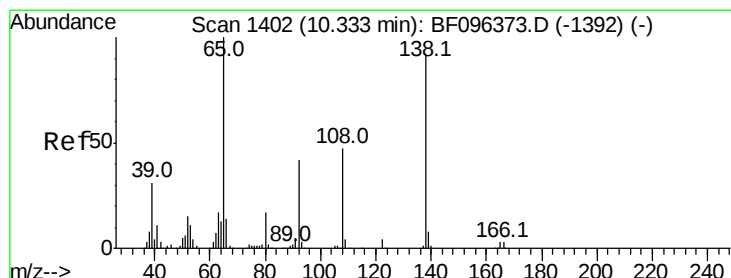
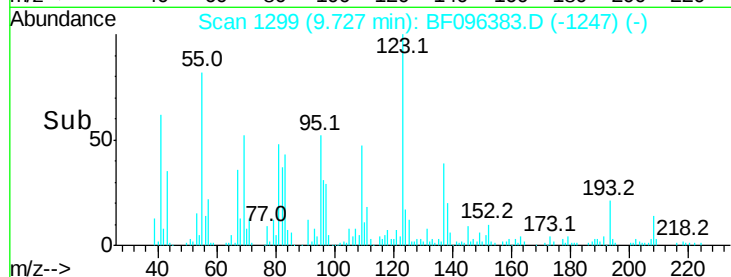
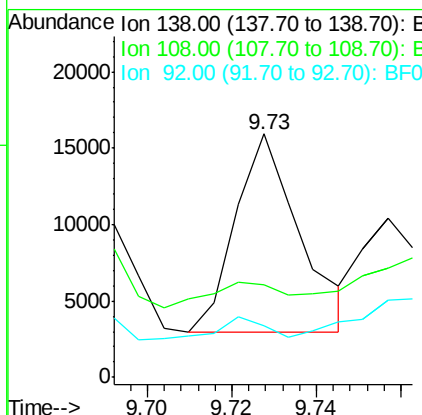
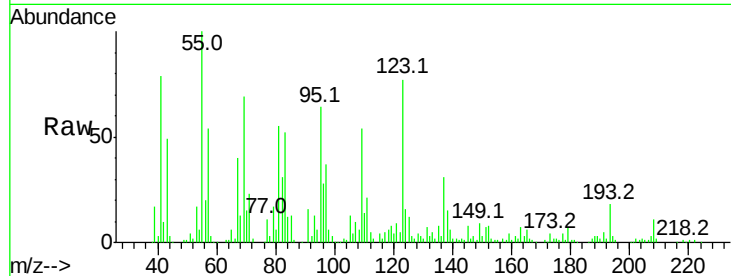




#52
3-Nitroaniline
Concen: 4.67 ng
RT: 9.73 min Scan# 1299
Delta R.T. 0.01 min
Lab File: BF096383.D
Acq: 1 Jul 2017 17:15

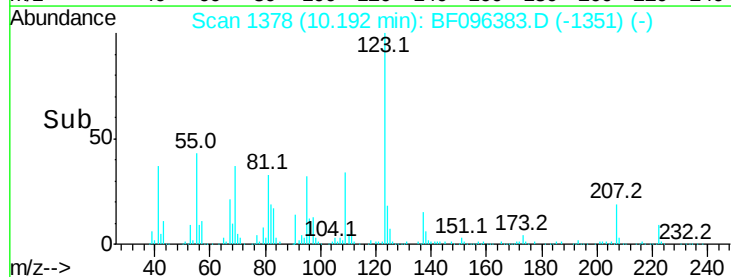
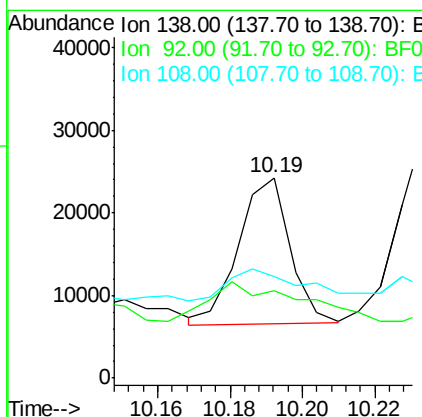
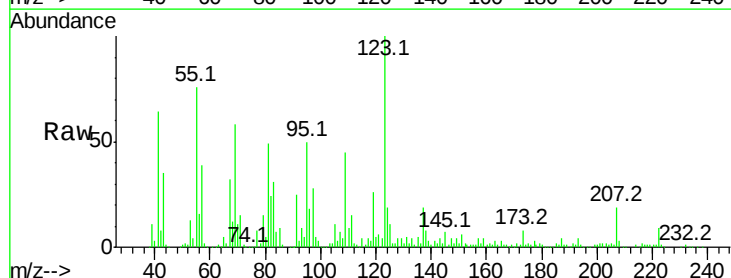
Instrument :
BNA_F
ClientSampleId :

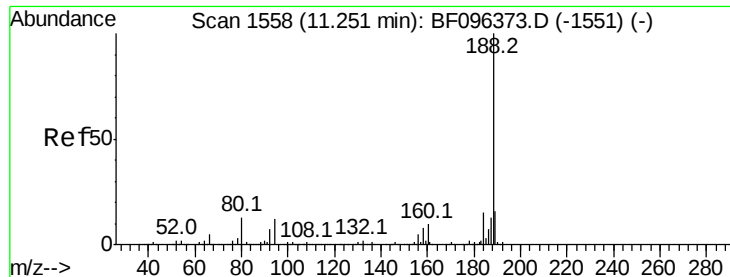
Tot Ion:138 Resp: 13668
Ion Ratio Lower Upper
138 100
108 38.2 9.1 13.7#
92 21.2 93.8 140.6#



#61
4-Nitroaniline
Concen: 6.50 ng
RT: 10.19 min Scan# 1378
Delta R.T. -0.14 min
Lab File: BF096383.D
Acq: 1 Jul 2017 17:15

Tgt Ion:138 Resp: 17298
Ion Ratio Lower Upper
138 100
92 43.8 21.8 61.8
108 50.6 42.3 82.3





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.26 min Scan# 1559

Delta R.T. 0.01 min

Lab File: BF096383.D

Acq: 1 Jul 2017 17:15

Instrument :

BNA_F

ClientSampleId :

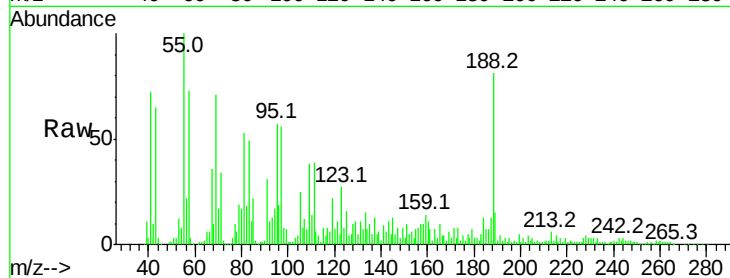
Tot Ion:188 Resp: 167028

Ion Ratio Lower Upper

188 100

94 21.0 9.4 14.2#

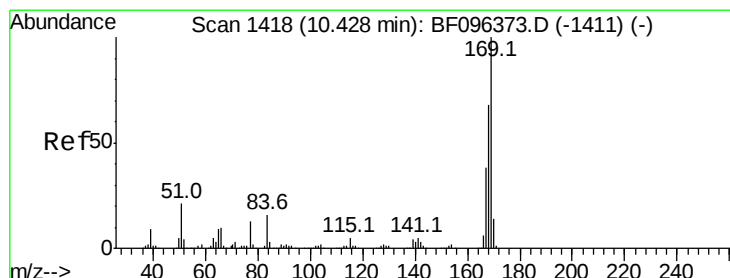
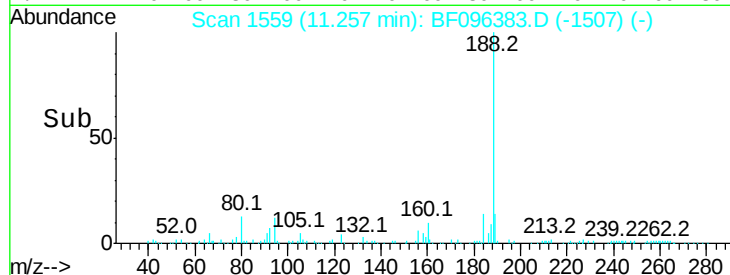
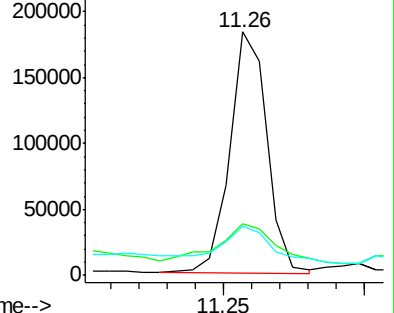
80 20.3 10.2 15.2#



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



#65

n-Nitrosodiphenylamine

Concen: 2.03 ng

RT: 10.45 min Scan# 1421

Delta R.T. 0.02 min

Lab File: BF096383.D

Acq: 1 Jul 2017 17:15

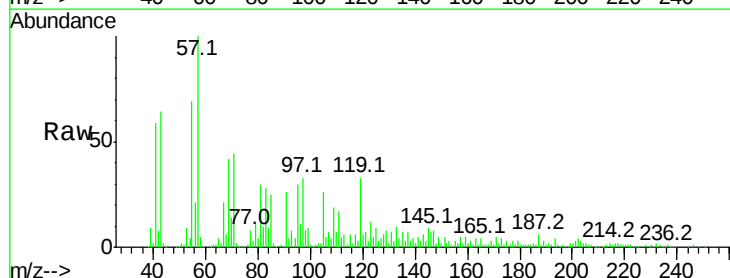
Tgt Ion:169 Resp: 11888

Ion Ratio Lower Upper

169 100

168 31.7 53.2 79.8#

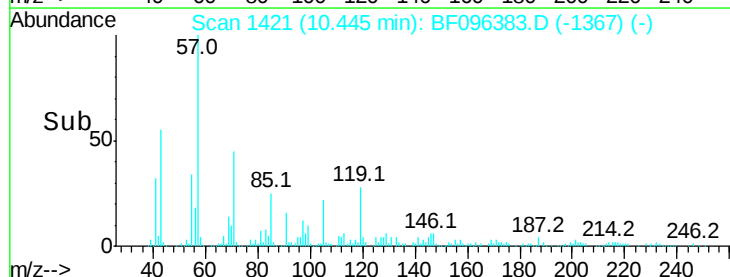
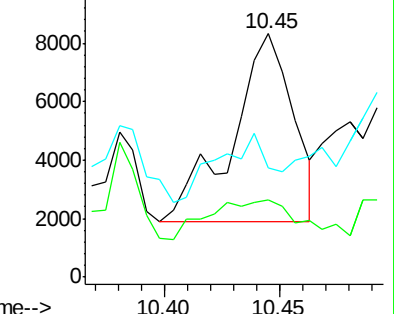
167 44.8 29.5 44.3#

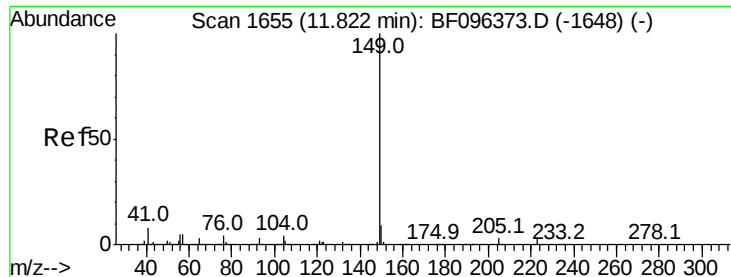


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#73

Di-n-butylphthalate

Concen: 2.66 ng

RT: 11.83 min Scan# 1656

Delta R.T. 0.01 min

Lab File: BF096383.D

Acq: 1 Jul 2017 17:15

Instrument :

BNA_F

ClientSampleId :

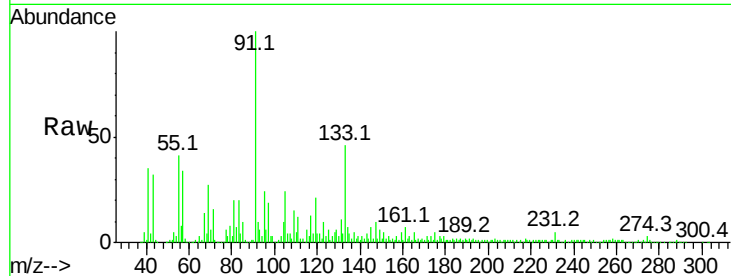
Tot Ion:149 Resp: 29868

Ion Ratio Lower Upper

149 100

150 33.5 7.7 11.5#

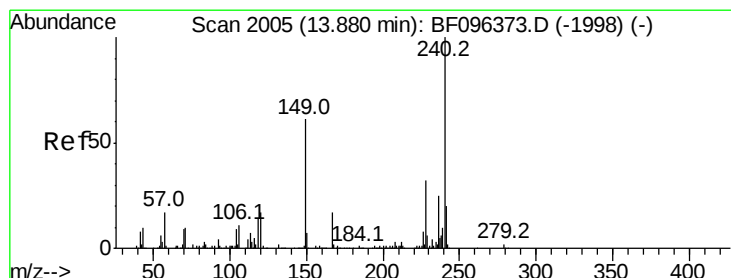
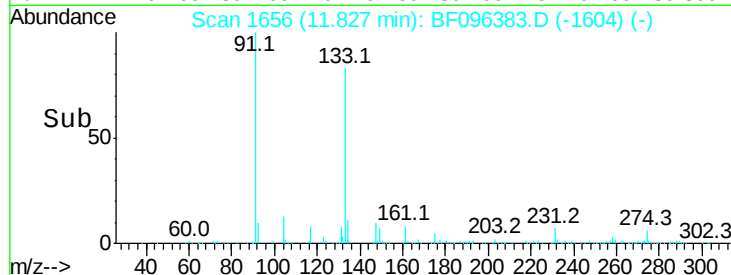
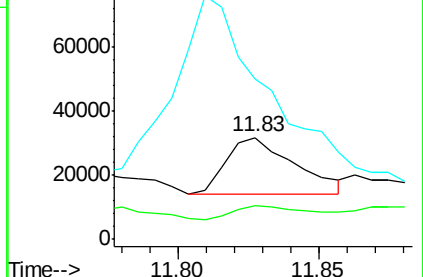
104 157.3 4.0 6.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.93 min Scan# 2013

Delta R.T. 0.05 min

Lab File: BF096383.D

Acq: 1 Jul 2017 17:15

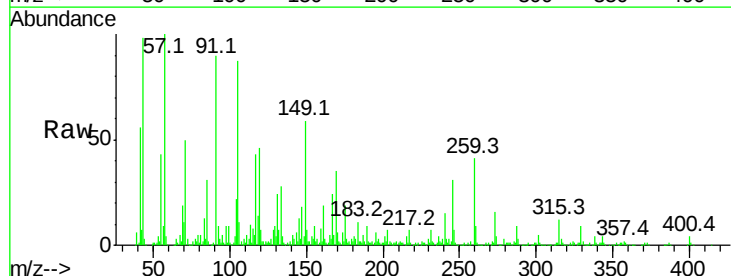
Tgt Ion:240 Resp: 65523

Ion Ratio Lower Upper

240 100

120 50.4 5.8 8.8#

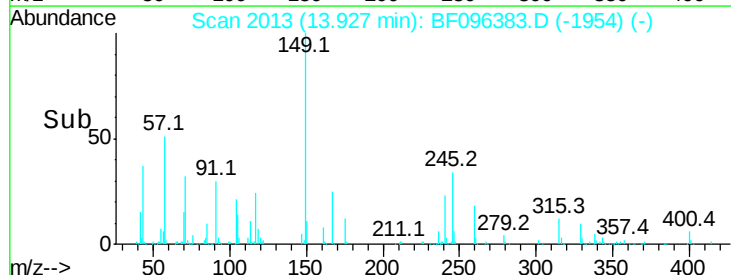
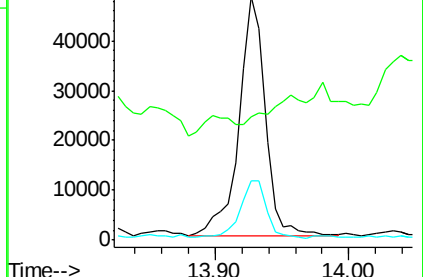
236 24.5 20.5 30.7

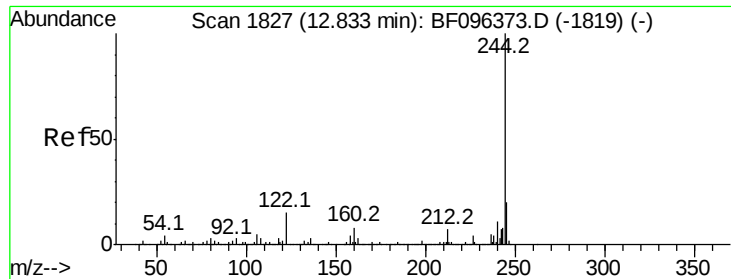


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

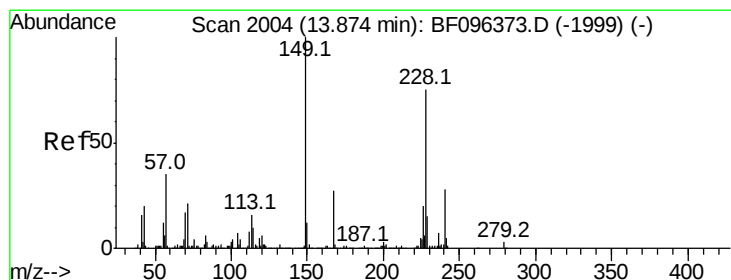
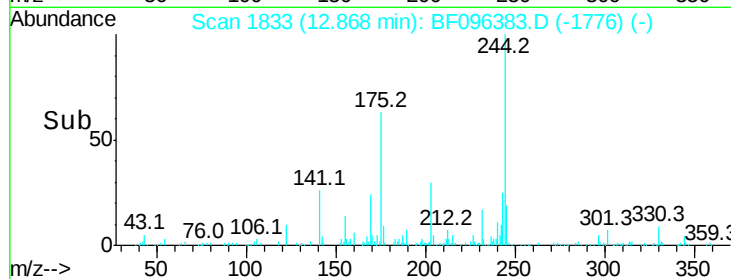
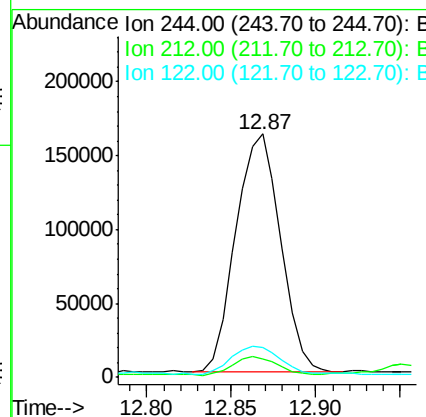
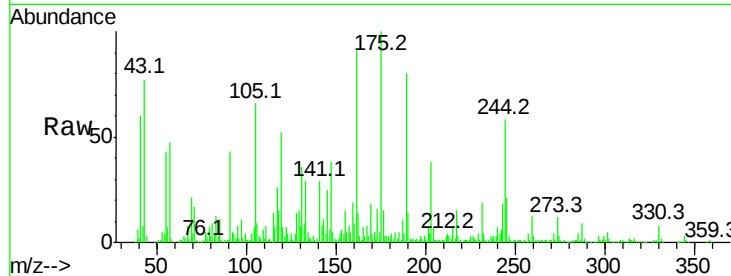




#78
 Terphenyl-d14
 Concen: 96.93 ng
 RT: 12.87 min Scan# 1833
 Delta R.T. 0.04 min
 Lab File: BF096383.D
 Acq: 1 Jul 2017 17:15

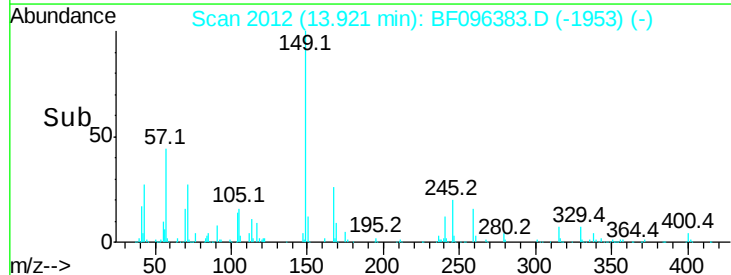
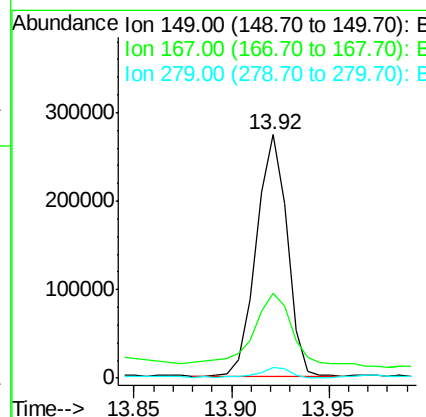
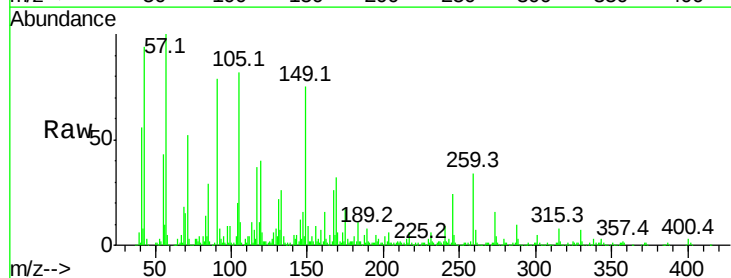
Instrument :
 BNA_F
 ClientSampleId :

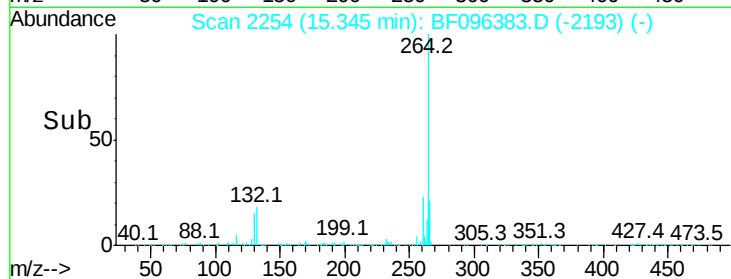
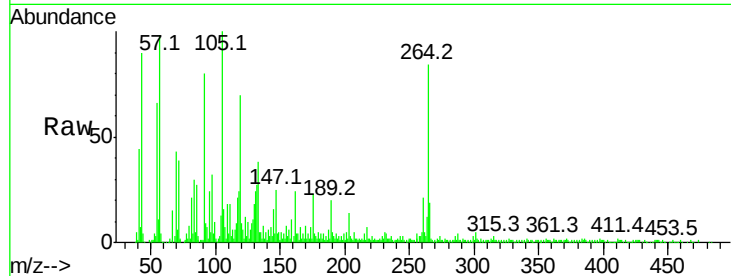
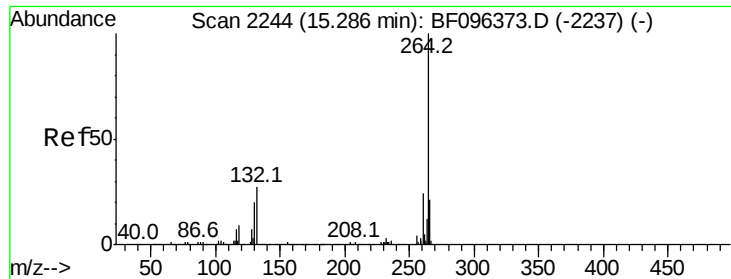
Tot Ion:244 Resp: 297215
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.0 9.0
 122 12.3 10.3 15.5



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 100.00 ng
 RT: 13.92 min Scan# 2012
 Delta R.T. 0.05 min
 Lab File: BF096383.D
 Acq: 1 Jul 2017 17:15

Tgt Ion:149 Resp: 297177
 Ion Ratio Lower Upper
 149 100
 167 35.1 21.0 31.4#
 279 4.3 1.9 2.9#





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.34 min Scan# 2254
Delta R.T. 0.06 min
Lab File: BF096383.D
Acq: 1 Jul 2017 17:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.5	29.3
265	22.9	17.2	25.8

