

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070517\
 Data File : BF096496.D
 Acq On : 5 Jul 2017 20:51
 Operator : SJ/MA
 Sample : I4049-04
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 06 01:42:47 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF070117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 05 13:27:10 2017
 Response via : Initial Calibration

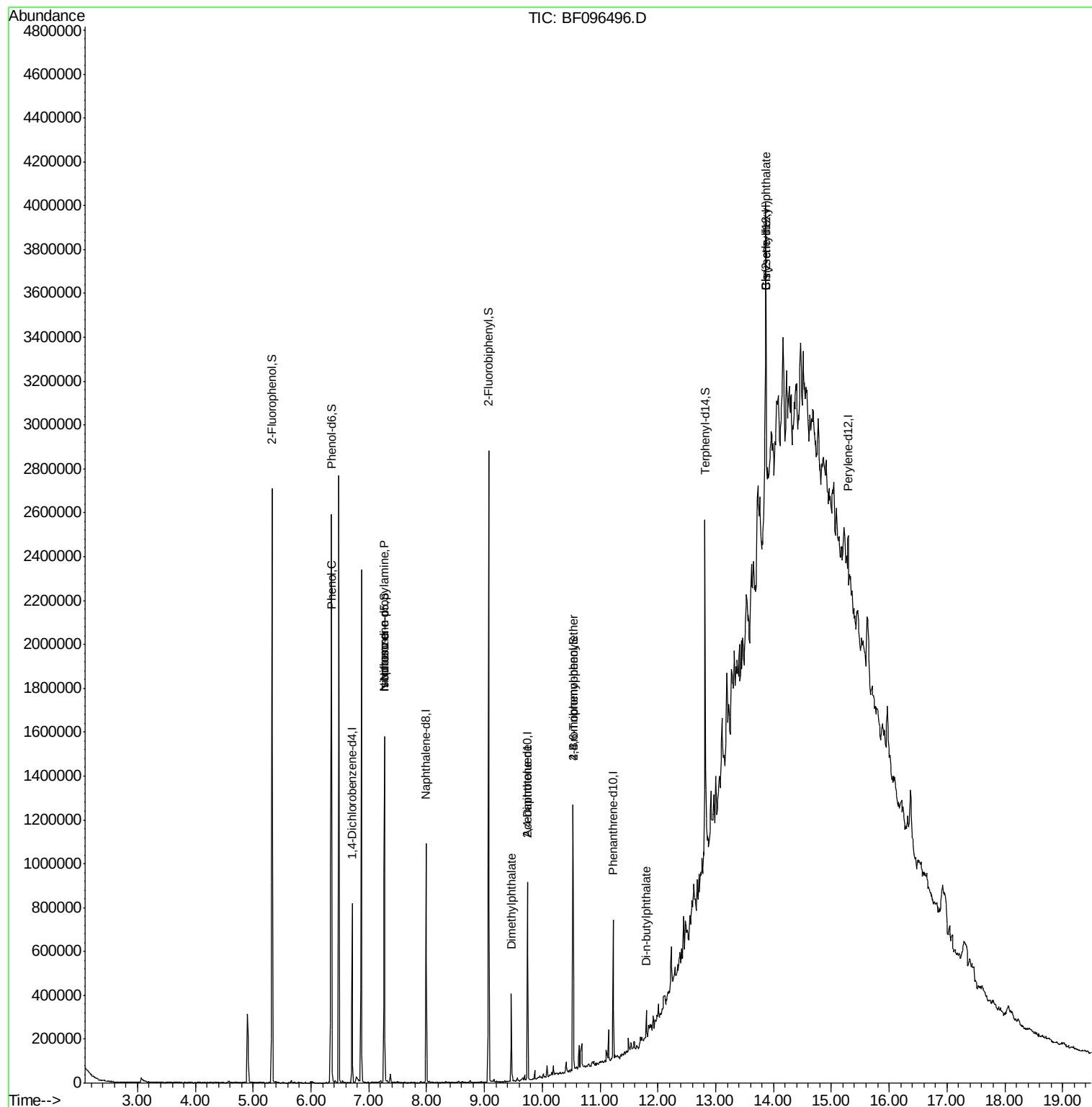
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	107540	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	433680	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	162604	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	222027	20.00	ng	0.00
75) Chrysene-d12	13.86	240	145267	20.00	ng	0.00
86) Perylene-d12	15.29	264	141372	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	757556	103.97	ng	0.00
7) Phenol-d6	6.35	99	947972	105.83	ng	0.00
23) Nitrobenzene-d5	7.27	82	527461	73.09	ng	-0.01
41) 2,4,6-Tribromophenol	10.53	330	132986	104.70	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	897240	94.34	ng	0.00
78) Terphenyl-d14	12.82	244	512138	75.33	ng	0.00
Target Compounds						
10) Phenol	6.36	94	25128	2.46	ng	93
19) n-Nitroso-di-n-propylamine	7.27	70	70357	13.18	ng	# 88
25) Isophorone	7.27	82	524488	37.48	ng	# 67
49) Dimethylphthalate	9.46	163	143859	11.85	ng	98
56) 2,4-Dinitrotoluene	9.75	165	20832	6.13	ng	# 32
66) 4-Bromophenyl-phenylether	10.53	248	8819	4.08	ng	# 1
73) Di-n-butylphthalate	11.80	149	52292	3.51	ng	98
83) Bis(2-ethylhexyl)phthalate	13.87	149	394351	59.85	ng	# 98

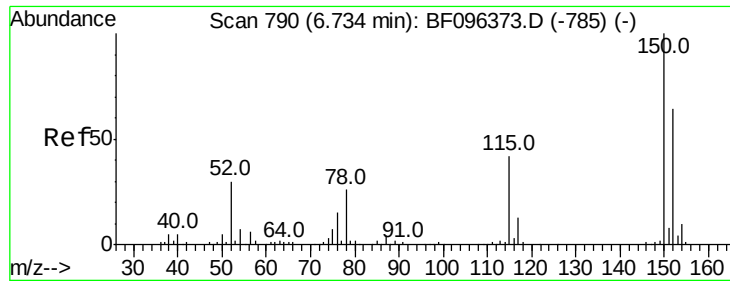
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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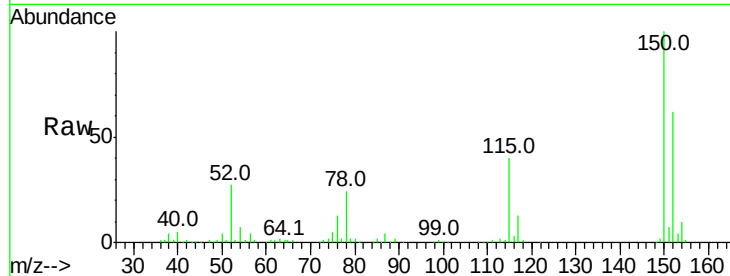


#1

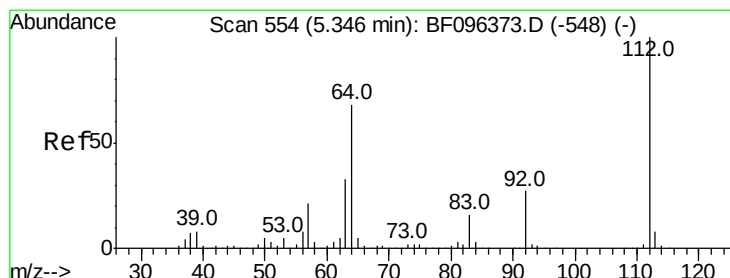
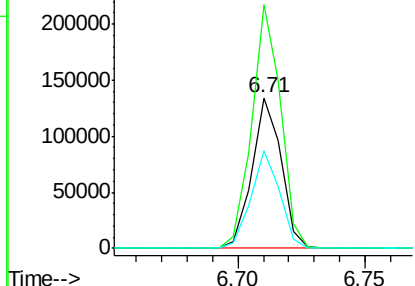
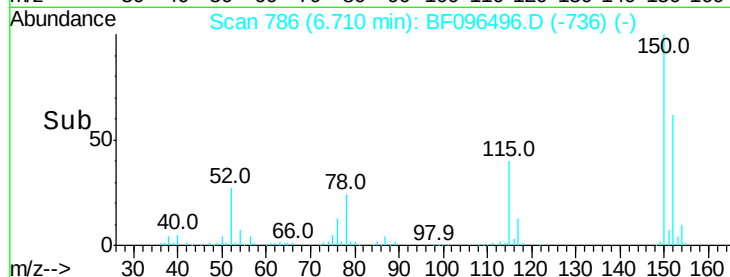
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.71 min Scan# 786
Delta R.T. -0.01 min
Lab File: BF096496.D
Acq: 5 Jul 2017 20:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 107540
Ion Ratio Lower Upper
152 100
150 161.6 126.2 189.2
115 65.0 52.2 78.2



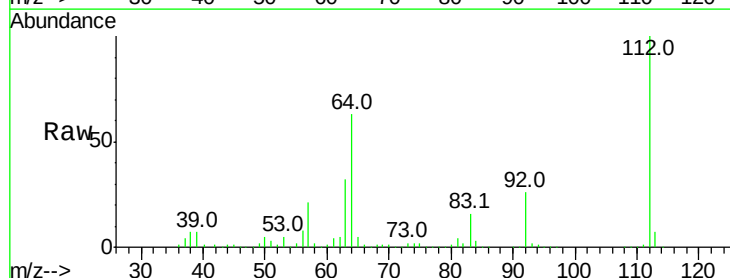
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



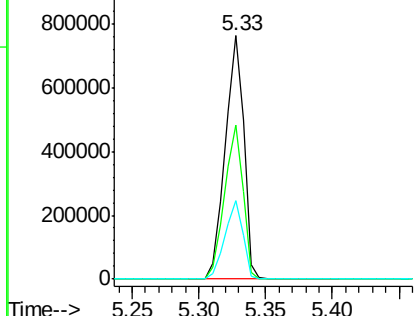
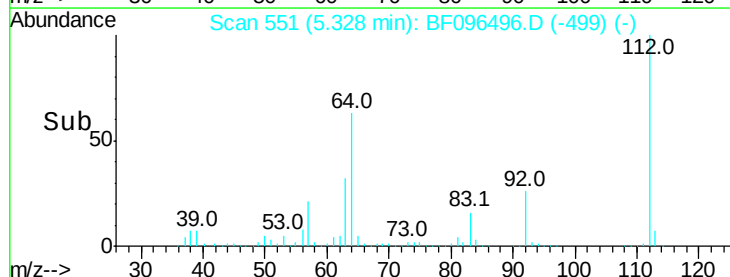
#5

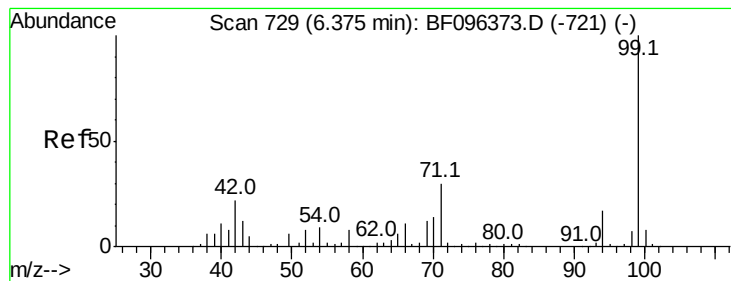
2-Fluorophenol
Concen: 103.97 ng
RT: 5.33 min Scan# 551
Delta R.T. 0.01 min
Lab File: BF096496.D
Acq: 5 Jul 2017 20:51

Tgt Ion:112 Resp: 757556
Ion Ratio Lower Upper
112 100
64 63.4 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: 105.83 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF096496.D

Acq: 5 Jul 2017 20:51

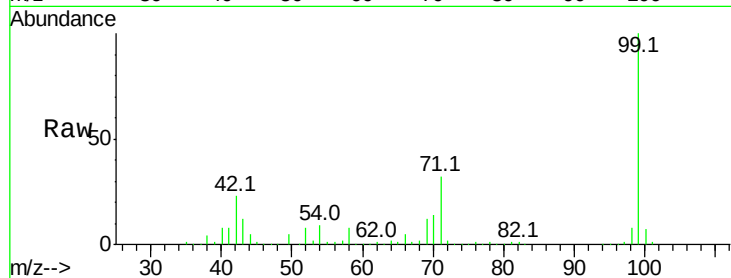
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 947972

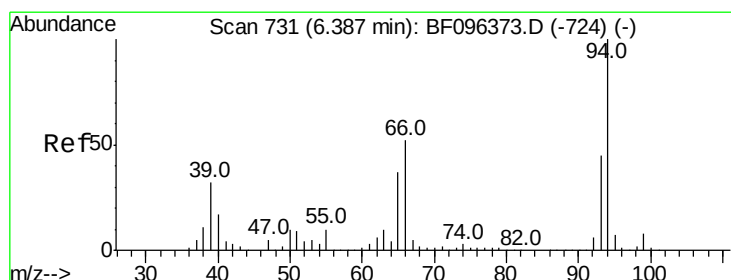
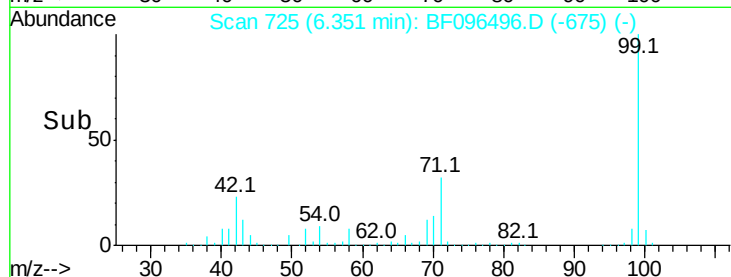
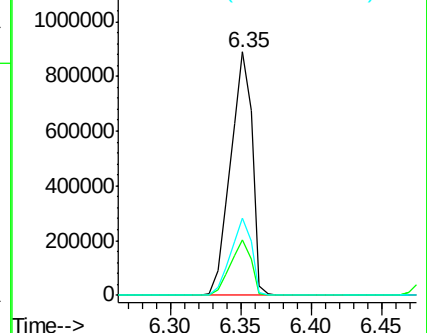
Ion	Ratio	Lower	Upper
99	100		
42	22.7	13.5	20.3#
71	31.5	24.5	36.7



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: 2.46 ng

RT: 6.36 min Scan# 727

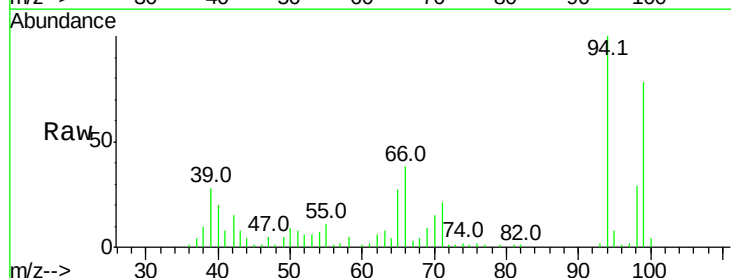
Delta R.T. -0.01 min

Lab File: BF096496.D

Acq: 5 Jul 2017 20:51

Tgt Ion: 94 Resp: 25128

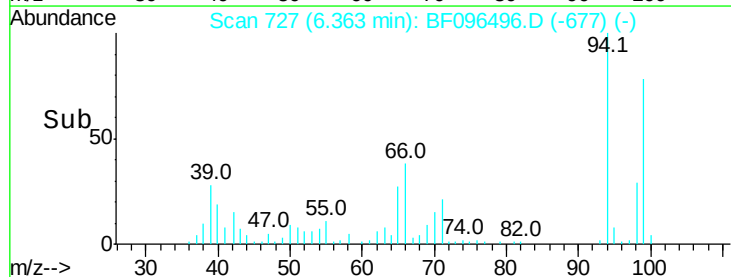
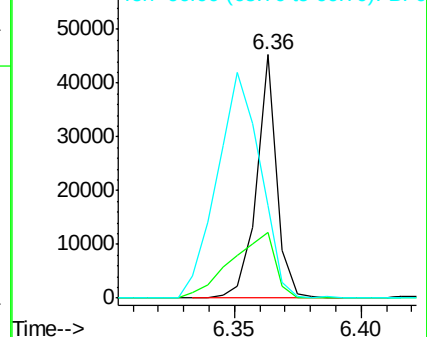
Ion	Ratio	Lower	Upper
94	100		
65	27.0	9.9	49.9
66	37.8	23.1	63.1

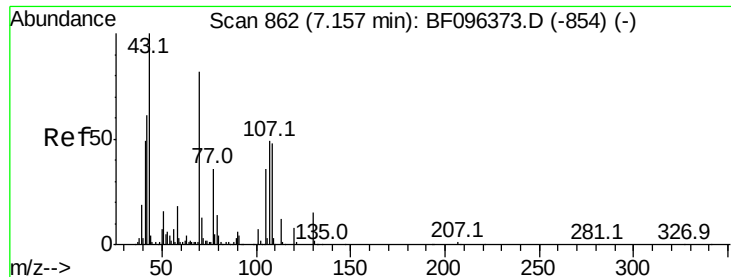


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

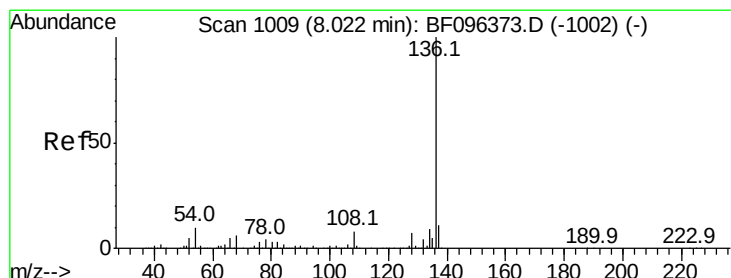
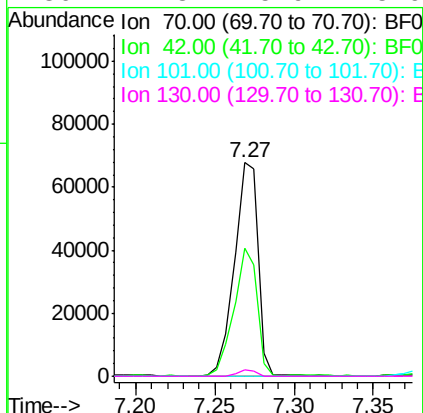
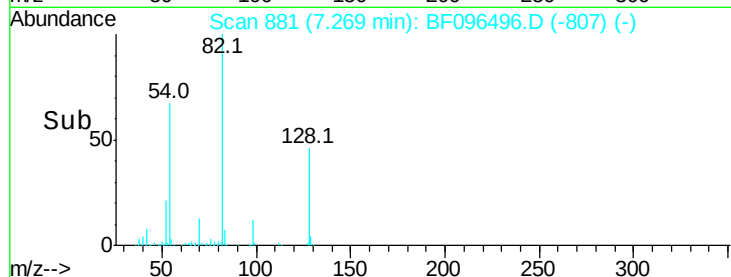
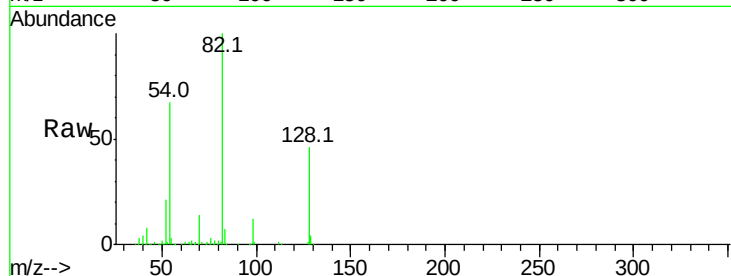




#19
 n-Nitroso-di-n-propylamine
 Concen: 13.18 ng
 RT: 7.27 min Scan# 881
 Delta R.T. 0.14 min
 Lab File: BF096496.D
 Acq: 5 Jul 2017 20:51

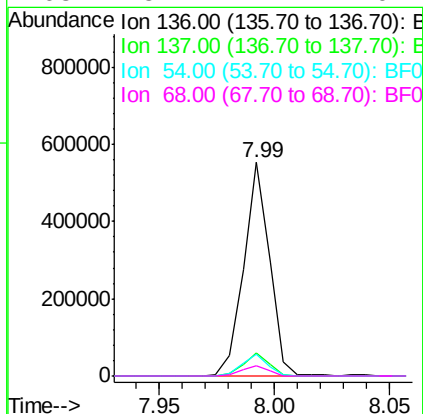
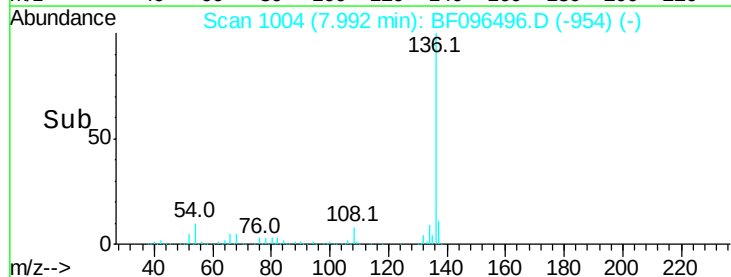
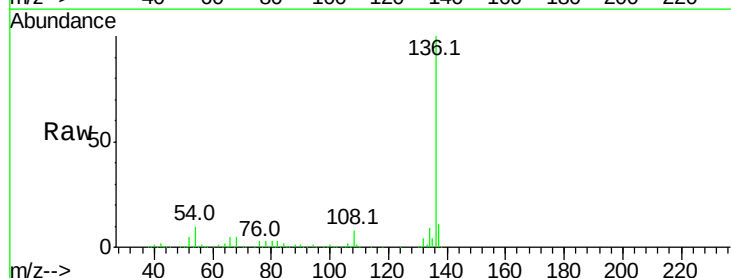
Instrument :
 BNA_F
 ClientSampleId :

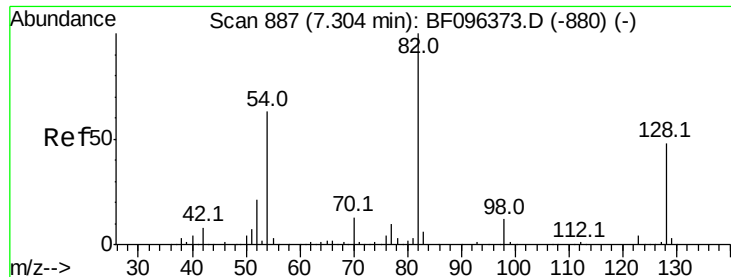
Tot Ion: 70 Resp: 70357
 Ion Ratio Lower Upper
 70 100
 42 59.9 47.2 70.8
 101 0.0 7.2 10.8#
 130 2.8 15.9 23.9#



#21
 Naphthalene-d8
 Concen: 20.00 ng
 RT: 7.99 min Scan# 1004
 Delta R.T. -0.01 min
 Lab File: BF096496.D
 Acq: 5 Jul 2017 20:51

Tgt Ion:136 Resp: 433680
 Ion Ratio Lower Upper
 136 100
 137 10.7 8.5 12.7
 54 10.4 4.9 7.3#
 68 5.1 4.1 6.1

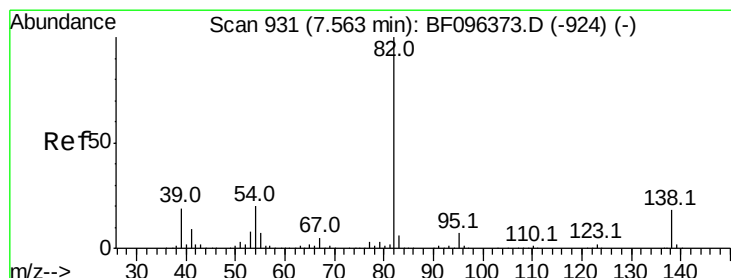
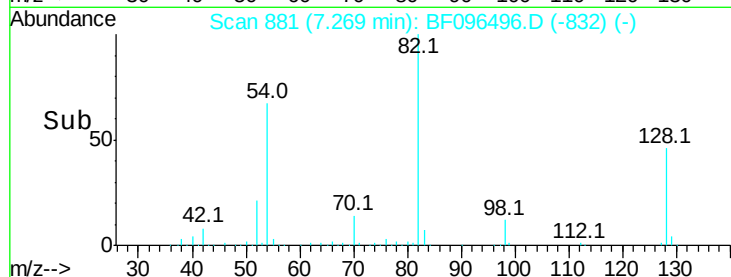
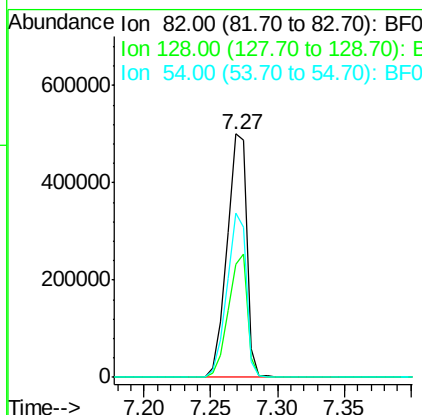
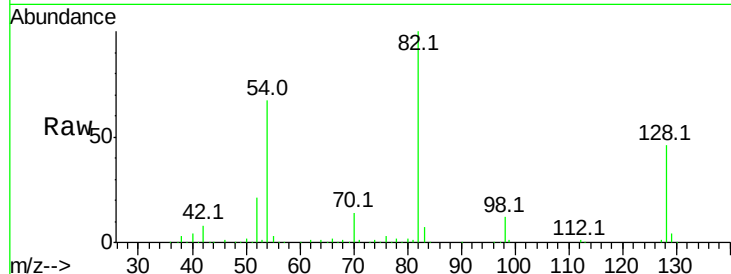




#23
 Nitrobenzene-d5
 Concen: 73.09 ng
 RT: 7.27 min Scan# 881
 Delta R.T. -0.01 min
 Lab File: BF096496.D
 Acq: 5 Jul 2017 20:51

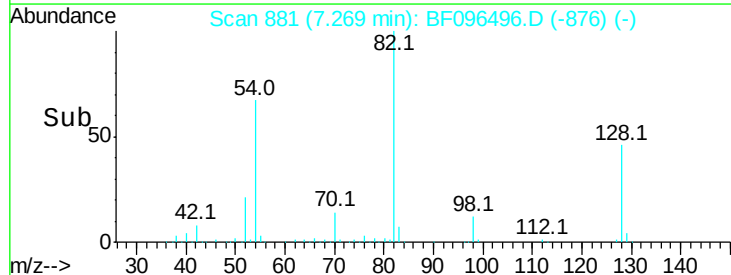
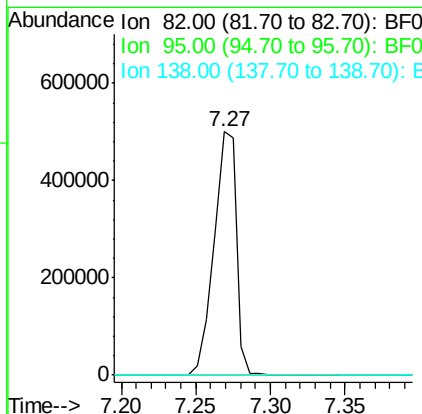
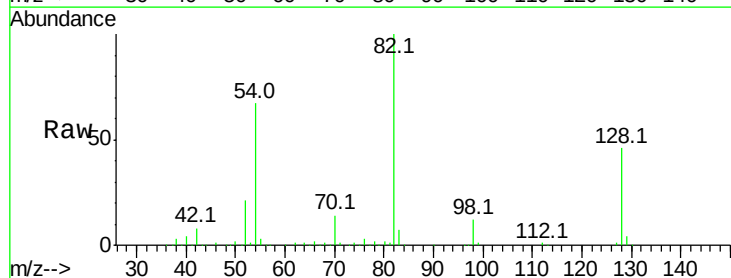
Instrument :
 BNA_F
 ClientSampleId :

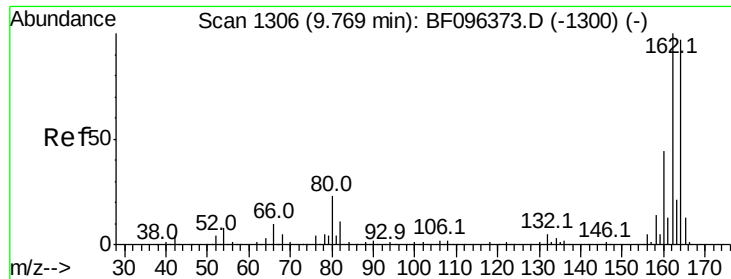
Tot Ion: 82 Resp: 527461
 Ion Ratio Lower Upper
 82 100
 128 46.3 34.0 51.0
 54 67.4 42.2 63.2#



#25
 Isophorone
 Concen: 37.48 ng
 RT: 7.27 min Scan# 881
 Delta R.T. -0.27 min
 Lab File: BF096496.D
 Acq: 5 Jul 2017 20:51

Tgt Ion: 82 Resp: 524488
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.3 7.9#
 138 0.0 13.1 19.7#

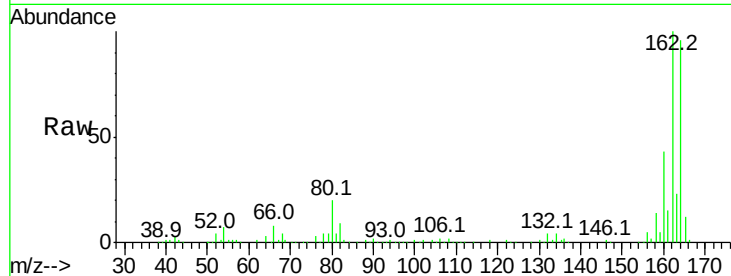




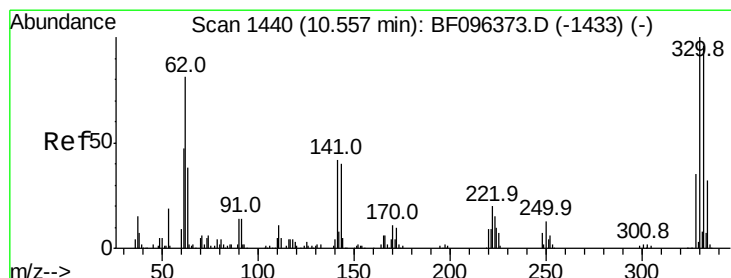
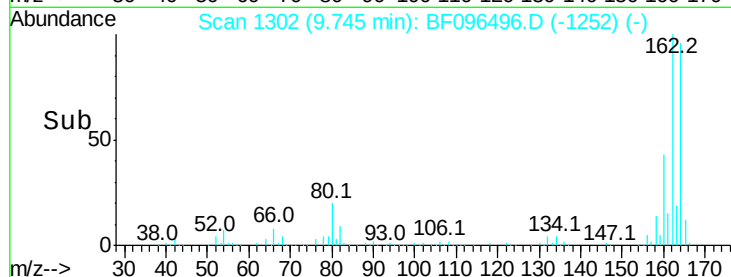
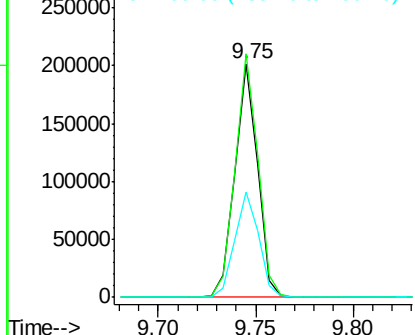
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.75 min Scan# 1302
 Delta R.T. -0.01 min
 Lab File: BF096496.D
 Acq: 5 Jul 2017 20:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 162604
 Ion Ratio Lower Upper
 164 100
 162 104.1 82.6 123.8
 160 45.1 36.2 54.2

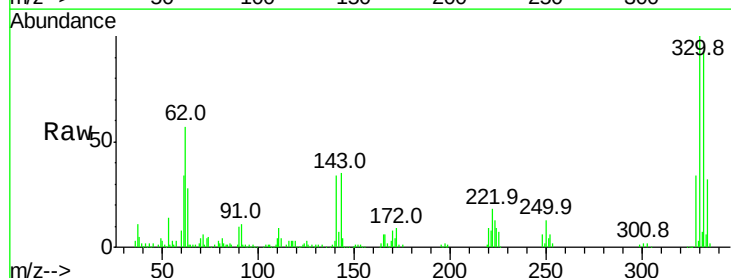


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

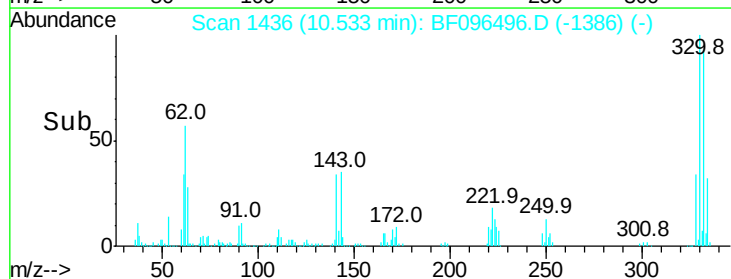
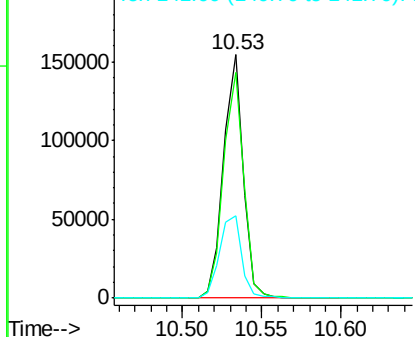


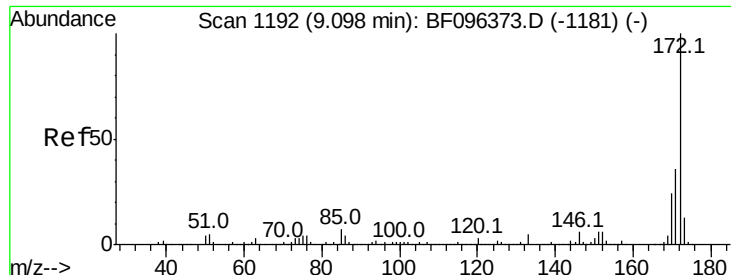
#41
 2,4,6-Tribromophenol
 Concen: 104.70 ng
 RT: 10.53 min Scan# 1436
 Delta R.T. -0.01 min
 Lab File: BF096496.D
 Acq: 5 Jul 2017 20:51

Tgt Ion:330 Resp: 132986
 Ion Ratio Lower Upper
 330 100
 332 95.6 76.6 115.0
 141 38.5 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

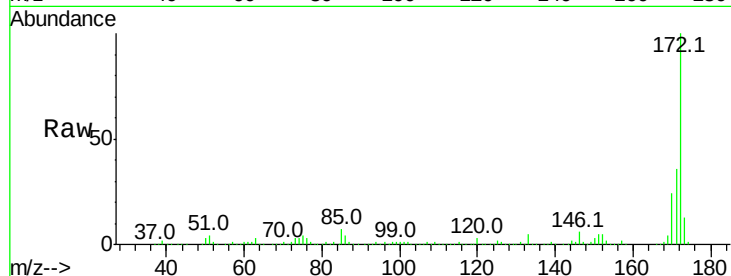




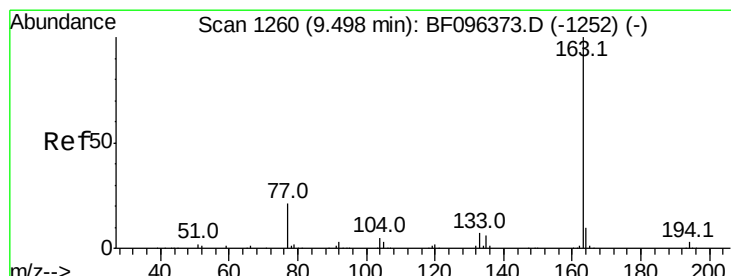
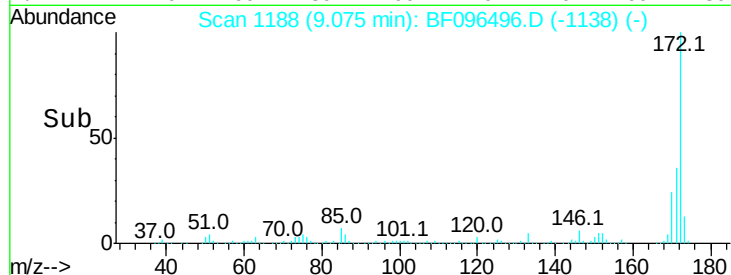
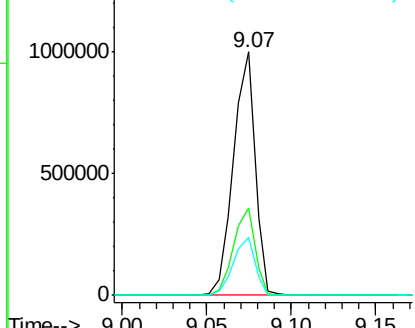
#44
2-Fluorobiphenyl
Concen: 94.34 ng
RT: 9.07 min Scan# 1188
Delta R.T. -0.01 min
Lab File: BF096496.D
Acq: 5 Jul 2017 20:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 897240
Ion Ratio Lower Upper
172 100
171 35.9 29.6 44.4
170 23.8 19.8 29.8

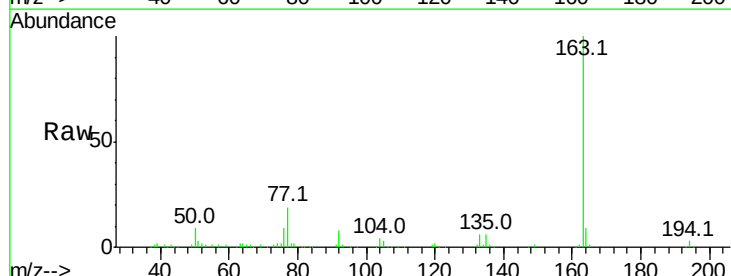


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

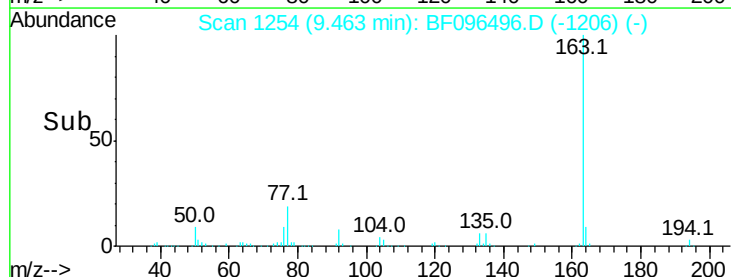
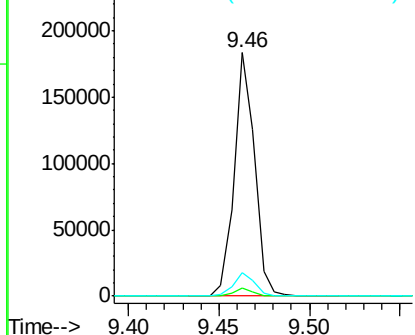


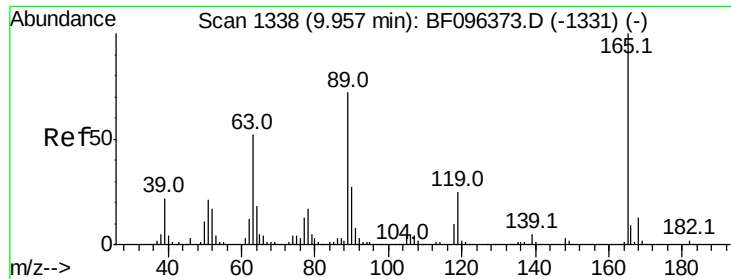
#49
Dimethylphthalate
Concen: 11.85 ng
RT: 9.46 min Scan# 1254
Delta R.T. -0.02 min
Lab File: BF096496.D
Acq: 5 Jul 2017 20:51

Tgt Ion:163 Resp: 143859
Ion Ratio Lower Upper
163 100
194 3.2 2.6 4.0
164 9.5 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

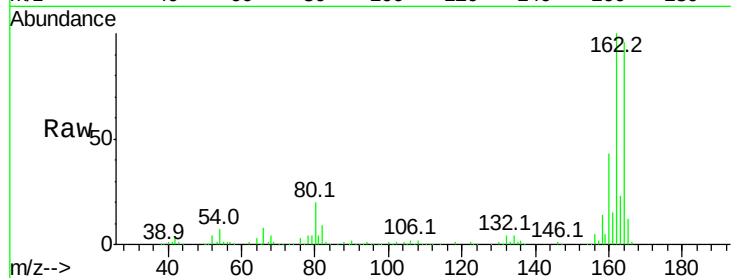




#56
 2,4-Dinitrotoluene
 Concen: 6.13 ng
 RT: 9.75 min Scan# 1302
 Delta R.T. -0.19 min
 Lab File: BF096496.D
 Acq: 5 Jul 2017 20:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	25.4	38.0#
89	1.4	46.4	69.6#
182	0.0	1.8	2.6#



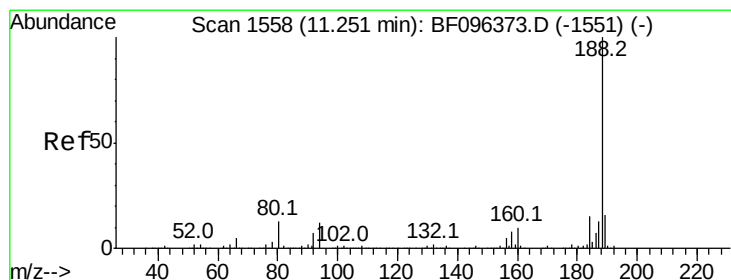
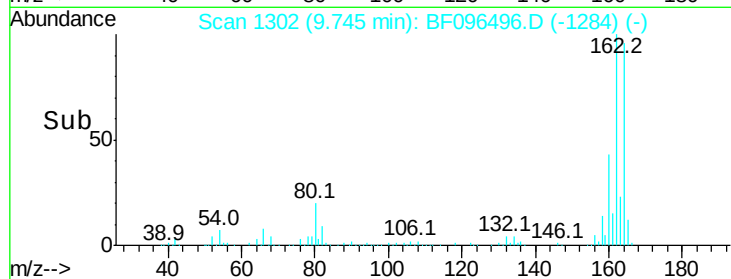
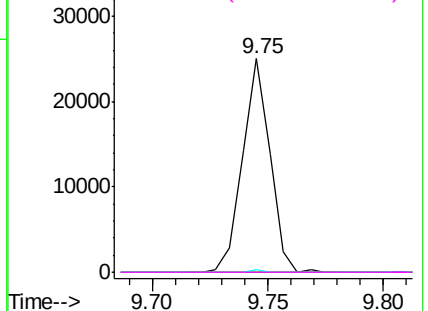
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

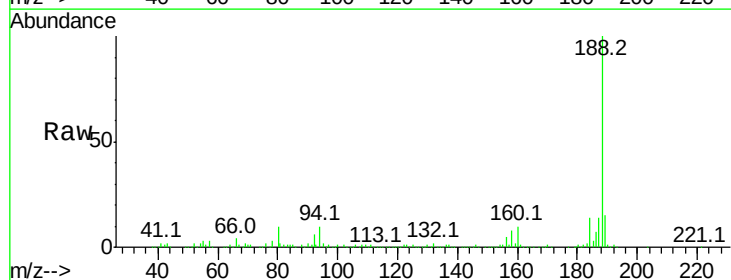
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.23 min Scan# 1554
 Delta R.T. -0.01 min
 Lab File: BF096496.D
 Acq: 5 Jul 2017 20:51

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.4	9.4	14.2
80	10.3	10.2	15.2

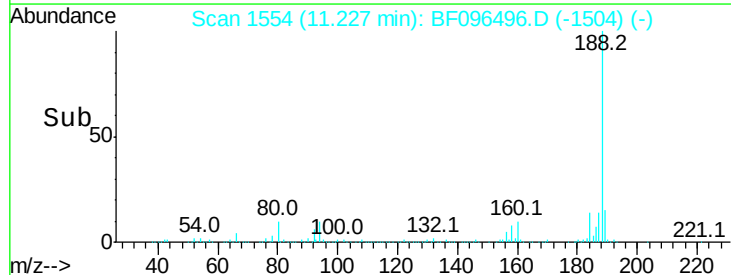
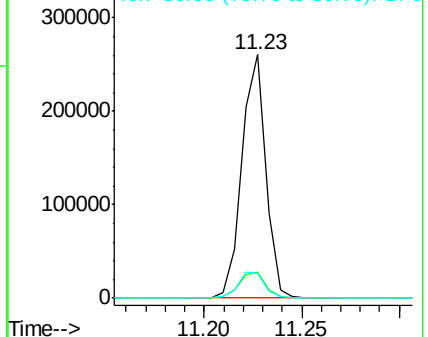


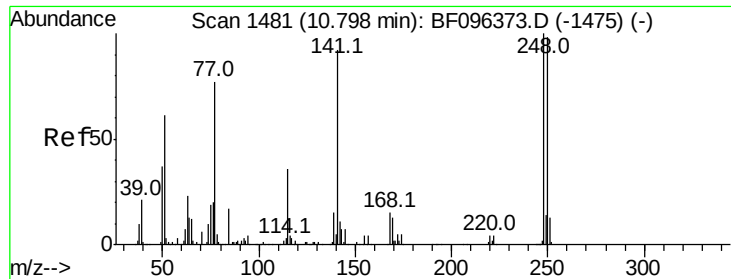
Abundance

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

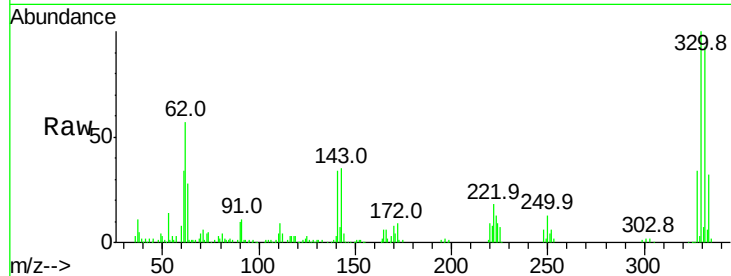




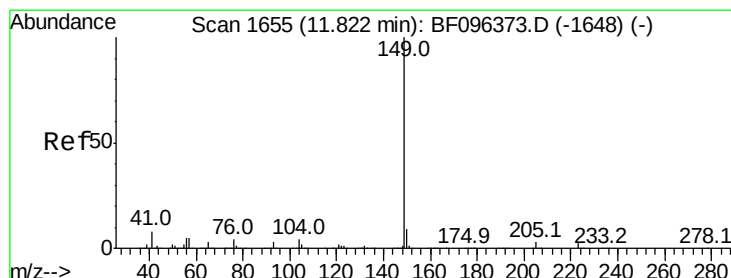
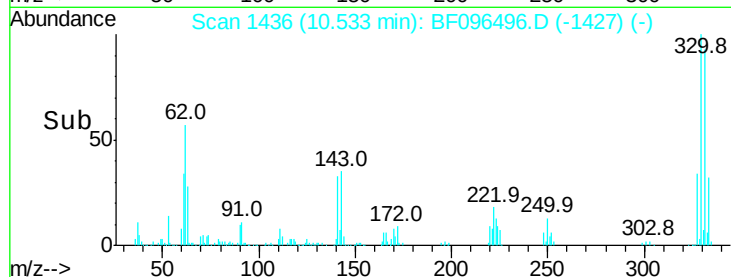
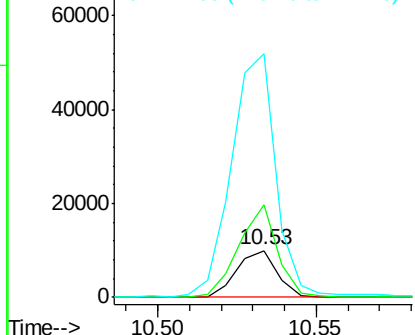
#66
4-Bromophenyl-phenylether
Concen: 4.08 ng
RT: 10.53 min Scan# 1436
Delta R.T. -0.25 min
Lab File: BF096496.D
Acq: 5 Jul 2017 20:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 8819
Ion Ratio Lower Upper
248 100
250 197.2 76.8 115.2#
141 517.5 68.6 103.0#

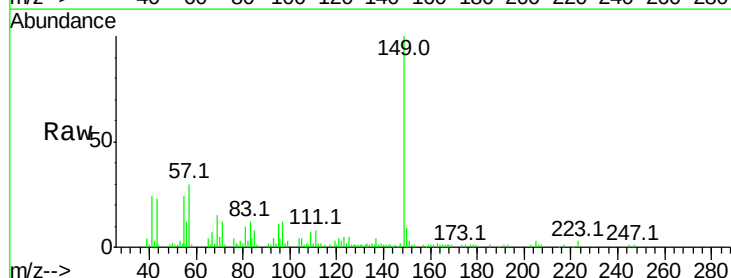


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

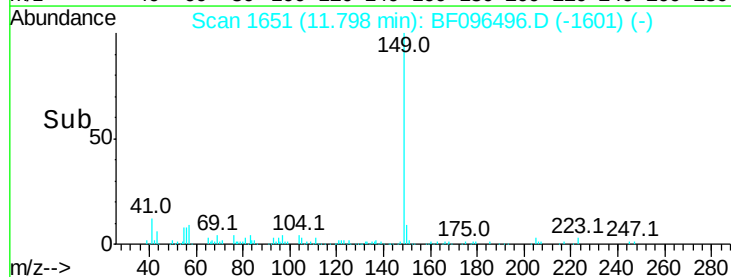
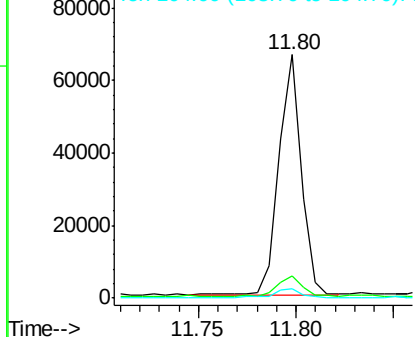


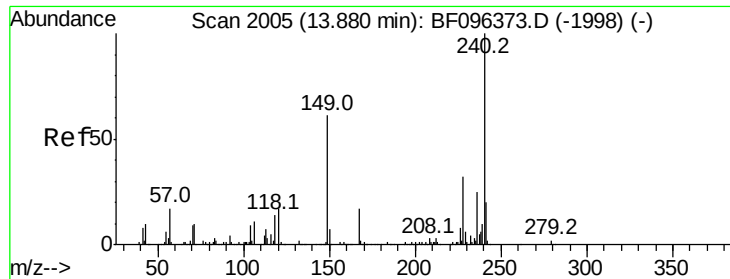
#73
Di-n-butylphthalate
Concen: 3.51 ng
RT: 11.80 min Scan# 1651
Delta R.T. -0.01 min
Lab File: BF096496.D
Acq: 5 Jul 2017 20:51

Tgt Ion:149 Resp: 52292
Ion Ratio Lower Upper
149 100
150 9.1 7.7 11.5
104 4.1 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: 13.86 min Scan# 2002

Delta R.T. -0.01 min

Lab File: BF096496.D

Acq: 5 Jul 2017 20:51

Instrument :

BNA_F

ClientSampleId :

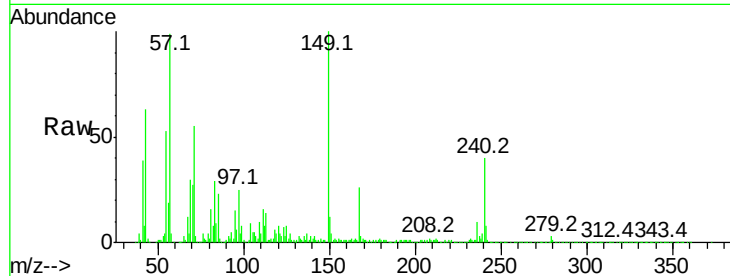
Tot Ion:240 Resp: 145267

Ion Ratio Lower Upper

240 100

120 18.9 5.8 8.8#

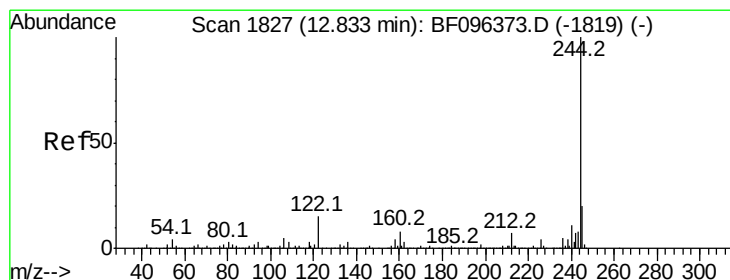
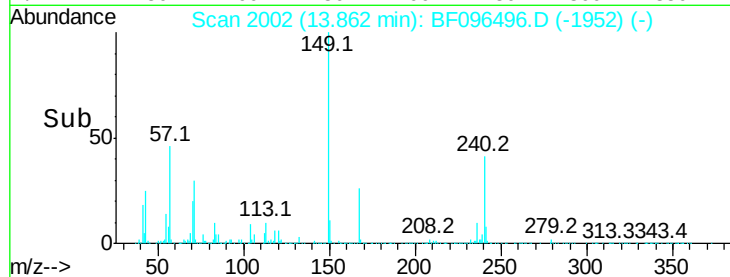
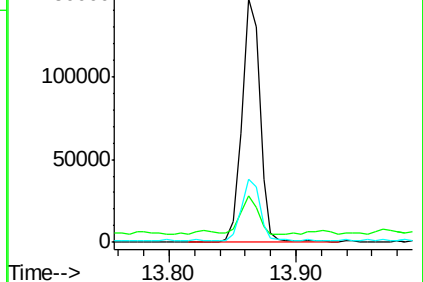
236 26.0 20.5 30.7



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: 75.33 ng

RT: 12.82 min Scan# 1824

Delta R.T. -0.00 min

Lab File: BF096496.D

Acq: 5 Jul 2017 20:51

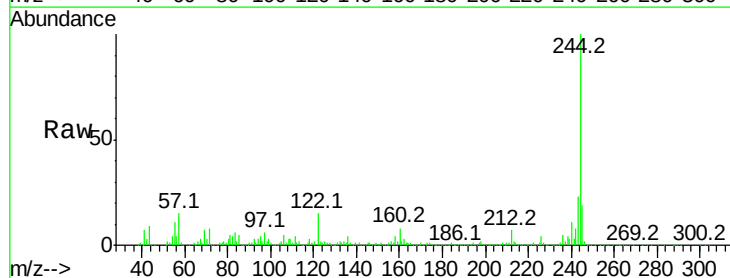
Tgt Ion:244 Resp: 512138

Ion Ratio Lower Upper

244 100

212 6.8 6.0 9.0

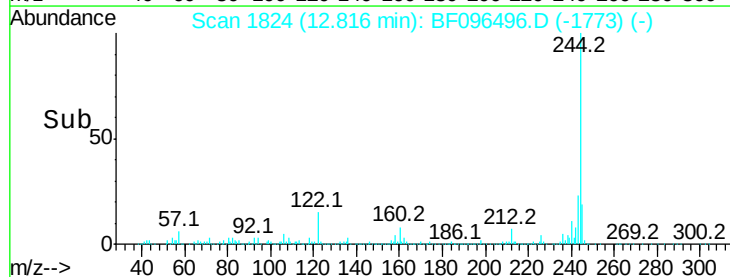
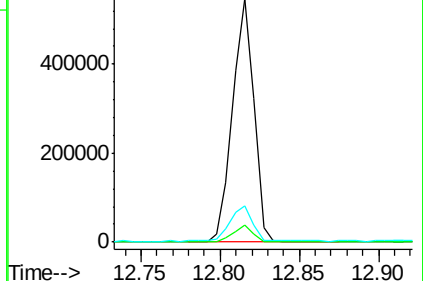
122 15.0 10.3 15.5

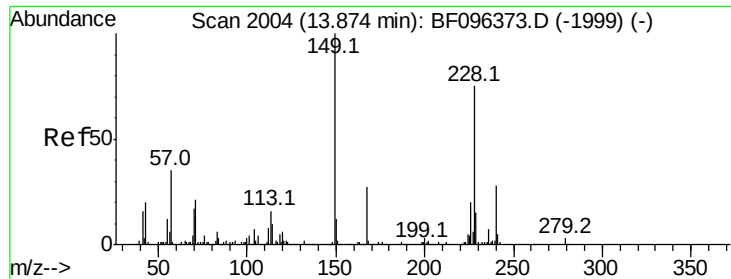


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

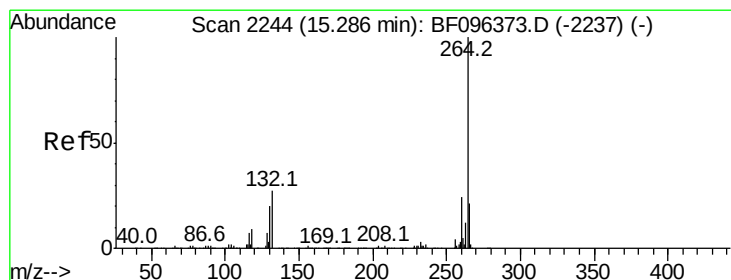
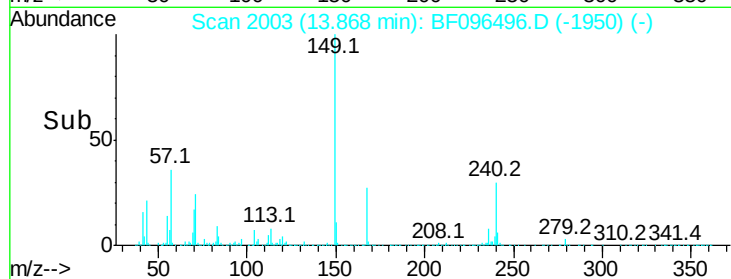
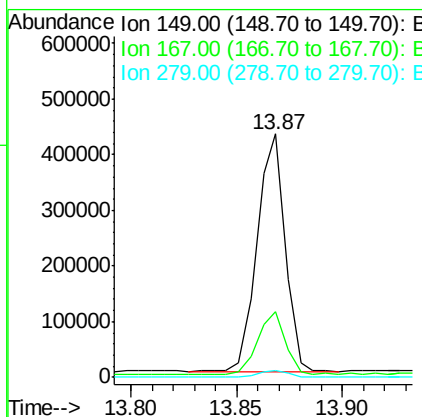
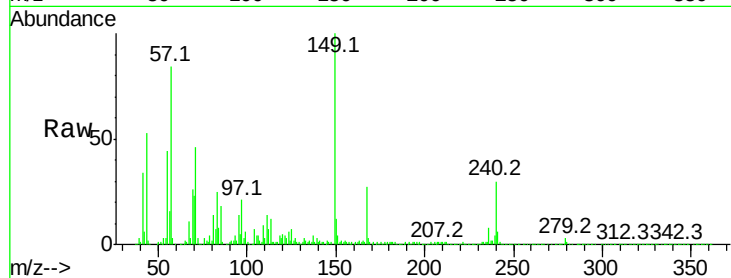




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 59.85 ng
 RT: 13.87 min Scan# 2003
 Delta R.T. 0.01 min
 Lab File: BF096496.D
 Acq: 5 Jul 2017 20:51

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
149	100		
167	27.0	21.0	31.4
279	2.9	1.9	2.9#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.29 min Scan# 2245
 Delta R.T. 0.02 min
 Lab File: BF096496.D
 Acq: 5 Jul 2017 20:51

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.3	19.5	29.3
265	20.8	17.2	25.8

