

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072517\
 Data File : BF097041.D
 Acq On : 25 Jul 2017 20:53
 Operator : SJ/JU
 Sample : I4369-07
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 26 01:05:40 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 25 14:11:51 2017
 Response via : Initial Calibration

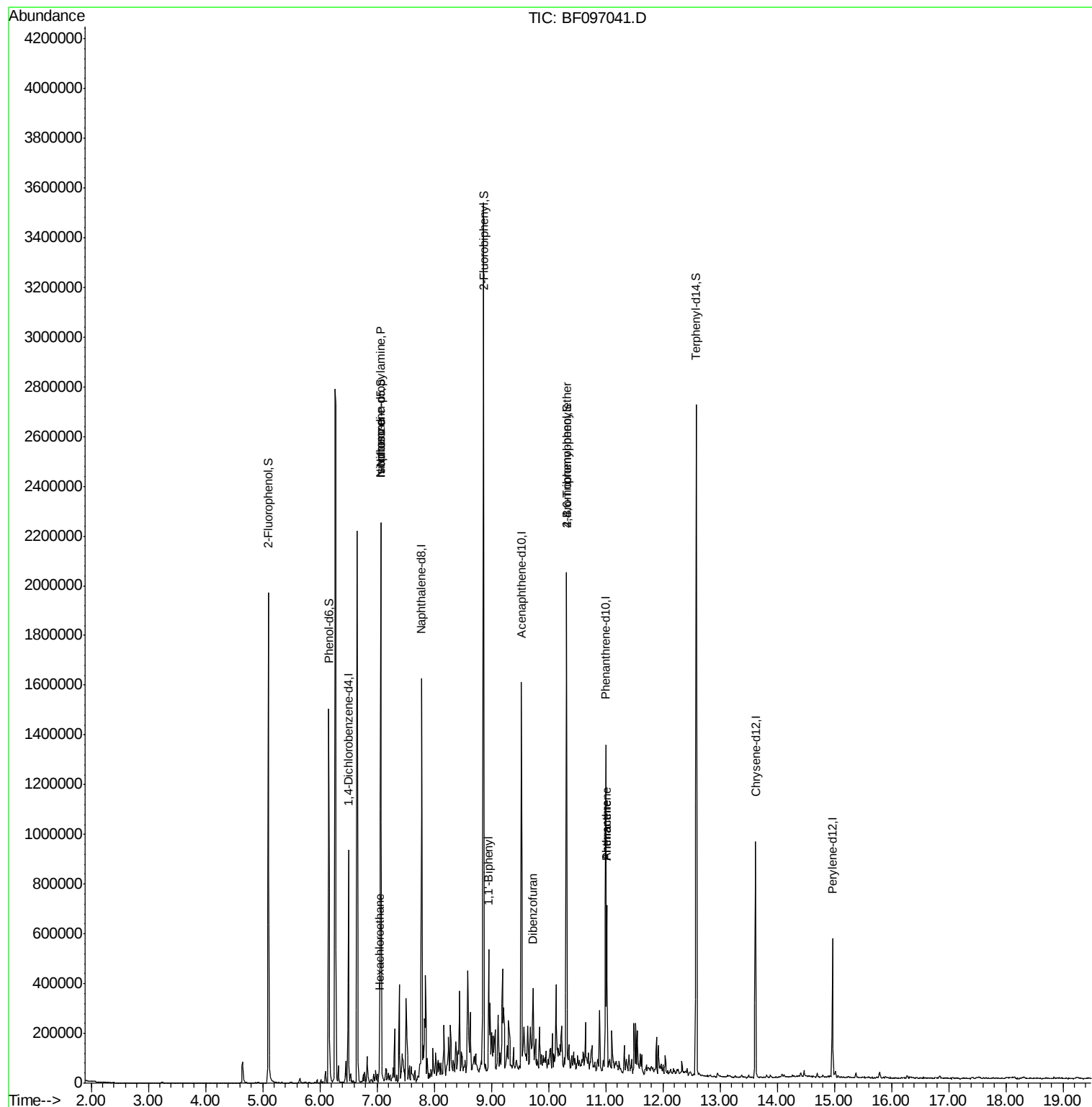
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.50	152	142585	20.00	ng	0.00
21) Naphthalene-d8	7.78	136	651595	20.00	ng	0.00
38) Acenaphthene-d10	9.53	164	283937	20.00	ng	0.00
63) Phenanthrene-d10	11.00	188	461193	20.00	ng	0.00
75) Chrysene-d12	13.62	240	325562	20.00	ng	0.00
86) Perylene-d12	14.97	264	207078	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.10	112	566467	59.89	ng	0.00
7) Phenol-d6	6.16	99	465962	43.15	ng	-0.01
23) Nitrobenzene-d5	7.07	82	712275	64.13	ng	0.00
41) 2,4,6-Tribromophenol	10.32	330	255464	113.87	ng	0.00
44) 2-Fluorobiphenyl	8.86	172	1258944	75.25	ng	0.00
78) Terphenyl-d14	12.59	244	1008871	63.18	ng	0.00
Target Compounds						Qvalue
18) Hexachloroethane	7.04	117	9793	2.48	ng	# 1
19) n-Nitroso-di-n-propylamine	7.07	70	95736	13.47	ng	# 88
25) Isophorone	7.07	82	703566	32.34	ng	# 67
45) 1,1'-Biphenyl	8.96	154	121068	4.99	ng	# 97
54) Dibenzofuran	9.73	168	83471	3.88	ng	# 94
66) 4-Bromophenyl-phenylether	10.32	248	16183	3.52	ng	# 1
70) Phenanthrene	11.02	178	214640	8.69	ng	# 98
71) Anthracene	11.02	178	214640	8.48	ng	# 98

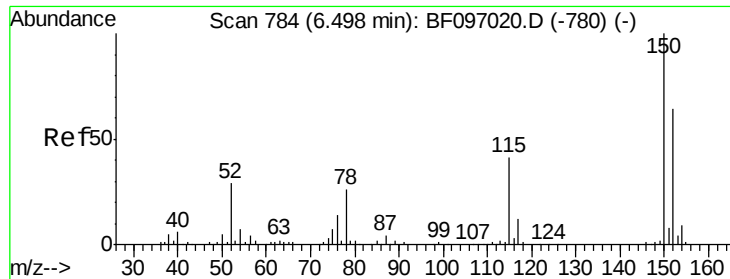
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072517\
Data File : BF097041.D
Acq On : 25 Jul 2017 20:53
Operator : SJ/JU
Sample : I4369-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jul 26 01:05:40 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 25 14:11:51 2017
Response via : Initial Calibration



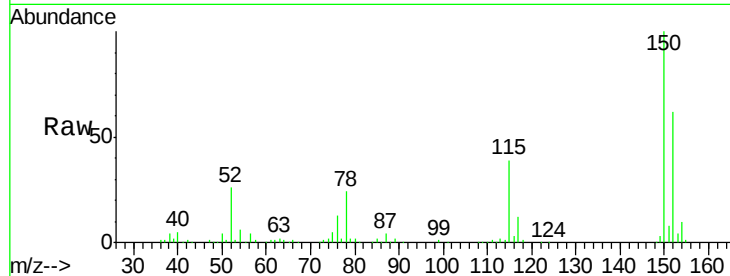


#1

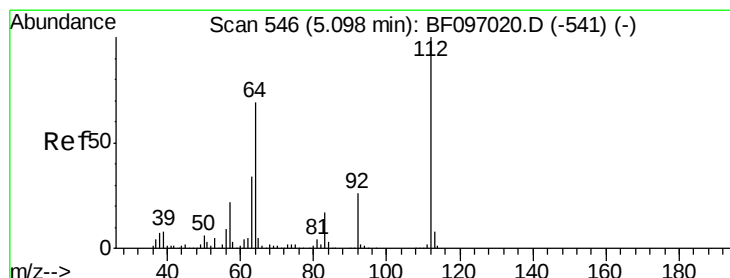
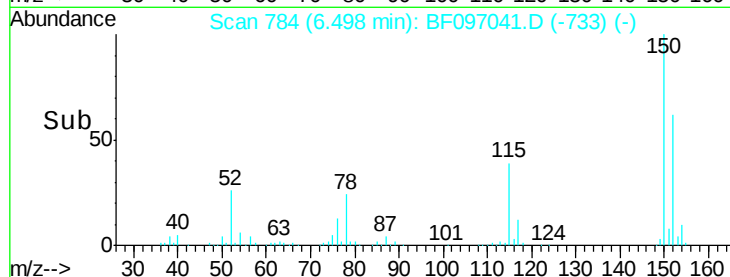
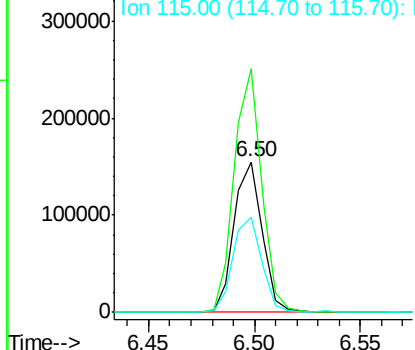
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.50 min Scan# 784
Delta R.T. -0.00 min
Lab File: BF097041.D
Acq: 25 Jul 2017 20:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 142585
Ion Ratio Lower Upper
152 100
150 161.6 126.2 189.2
115 62.7 52.2 78.2



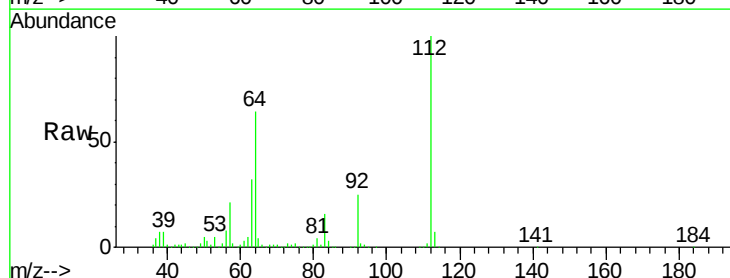
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



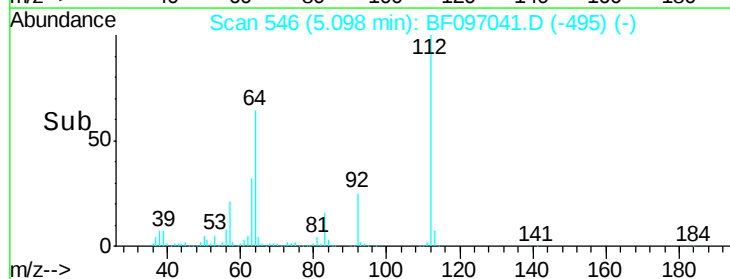
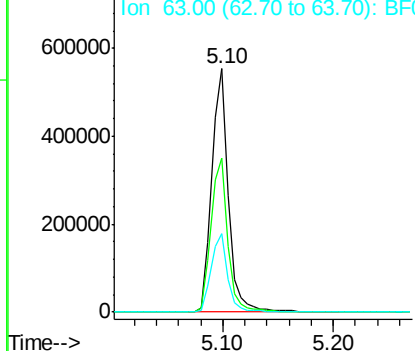
#5

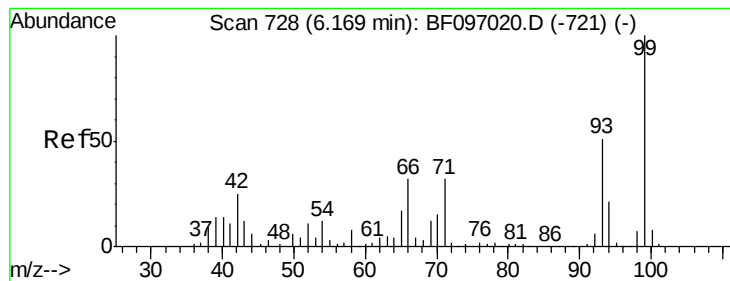
2-Fluorophenol
Concen: 59.89 ng
RT: 5.10 min Scan# 546
Delta R.T. 0.00 min
Lab File: BF097041.D
Acq: 25 Jul 2017 20:53

Tgt Ion:112 Resp: 566467
Ion Ratio Lower Upper
112 100
64 63.5 46.0 69.0
63 32.2 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: 43.15 ng

RT: 6.16 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF097041.D

Acq: 25 Jul 2017 20:53

Instrument :

BNA_F

ClientSampleId :

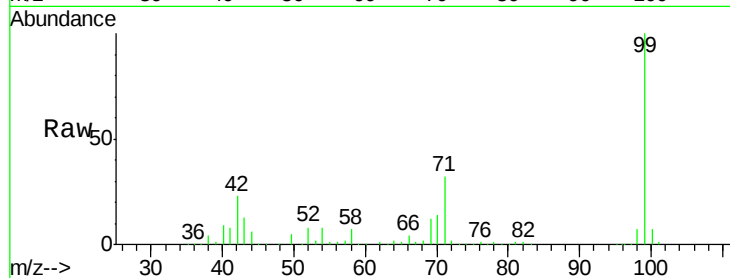
Tot Ion: 99 Resp: 465962

Ion Ratio Lower Upper

99 100

42 22.8 13.5 20.3#

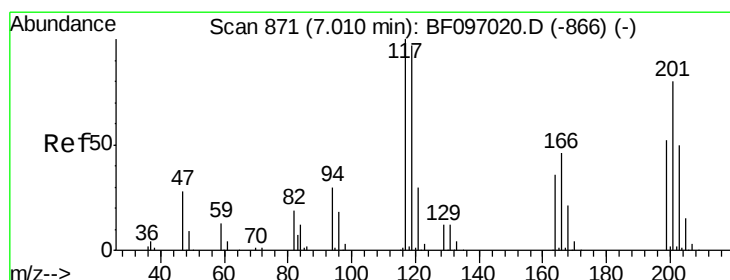
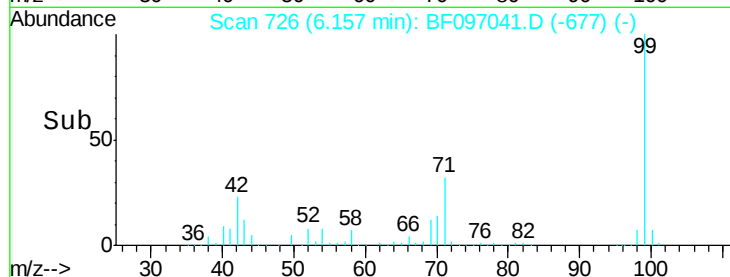
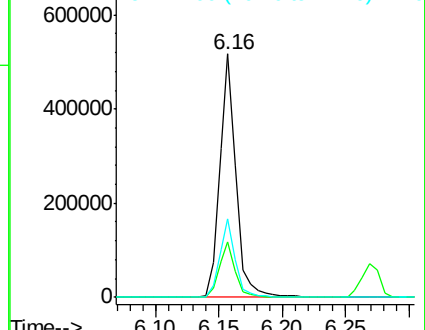
71 32.1 24.5 36.7



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



#18

Hexachloroethane

Concen: 2.48 ng

RT: 7.04 min Scan# 876

Delta R.T. 0.03 min

Lab File: BF097041.D

Acq: 25 Jul 2017 20:53

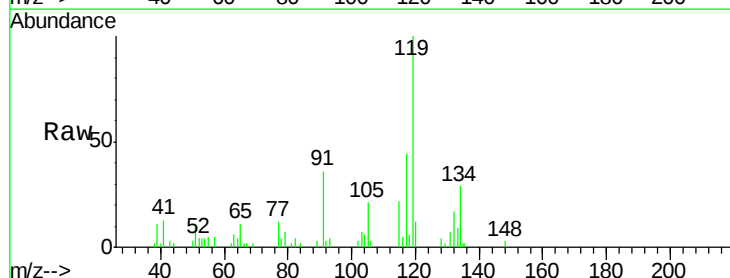
Tgt Ion: 117 Resp: 9793

Ion Ratio Lower Upper

117 100

119 226.9 77.4 116.0#

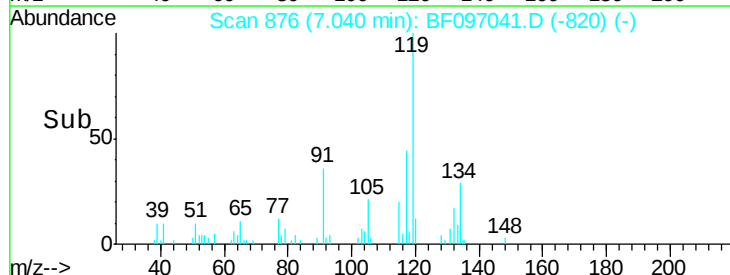
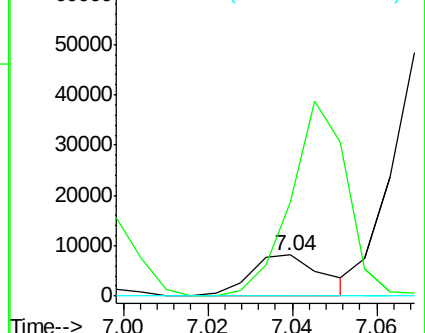
201 0.0 94.6 141.8#

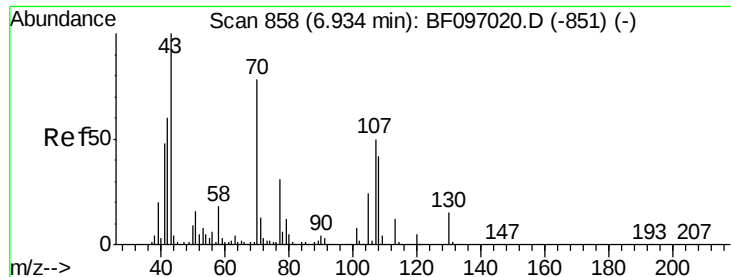


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

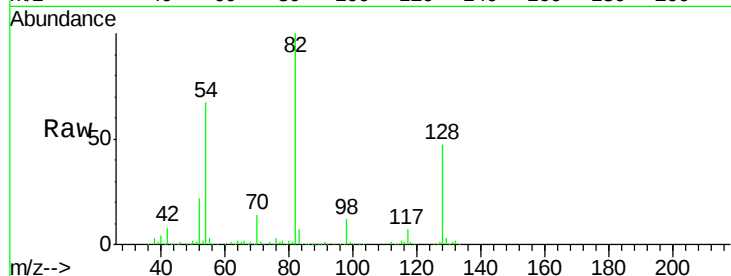




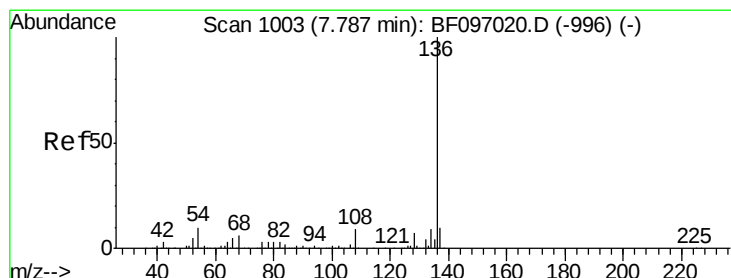
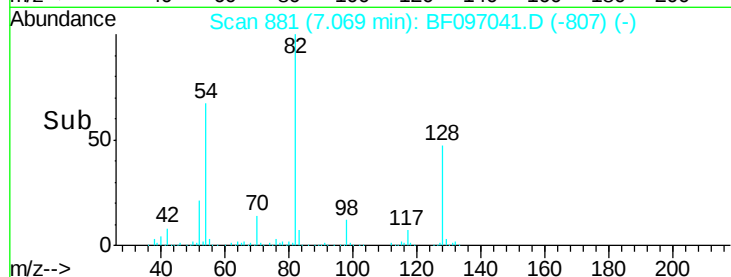
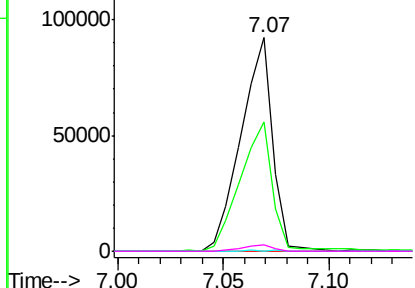
#19
n-Nitroso-di-n-propylamine
Concen: 13.47 ng
RT: 7.07 min Scan# 881
Delta R.T. 0.14 min
Lab File: BF097041.D
Acq: 25 Jul 2017 20:53

Instrument :
BNA_F
ClientSampled :

Tot Ion: 70 Resp: 95736
Ion Ratio Lower Upper
70 100
42 60.4 47.2 70.8
101 0.0 7.2 10.8#
130 2.8 15.9 23.9#



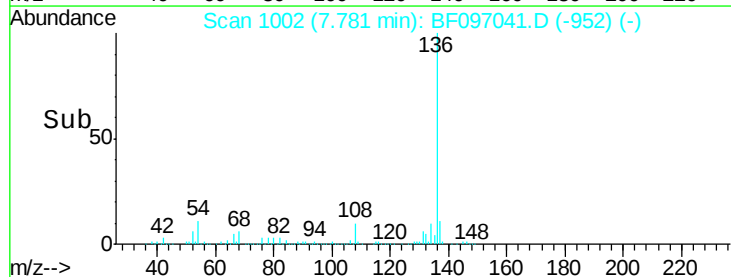
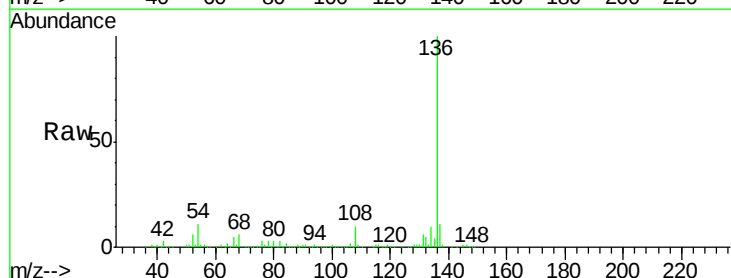
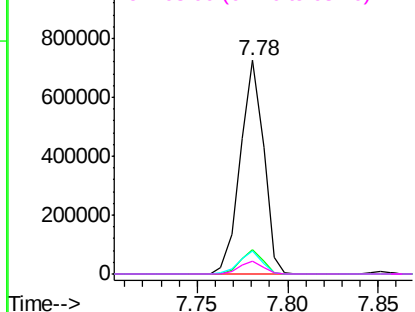
Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

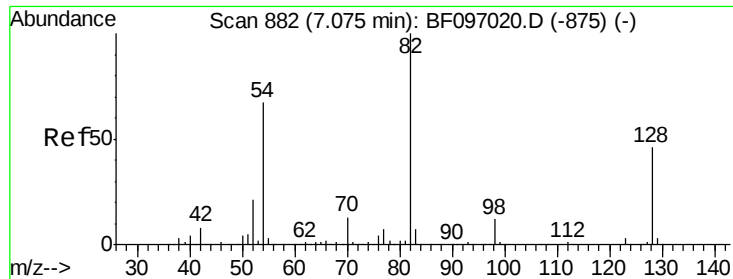


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.78 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BF097041.D
Acq: 25 Jul 2017 20:53

Tgt Ion:136 Resp: 651595
Ion Ratio Lower Upper
136 100
137 11.2 8.5 12.7
54 10.6 4.9 7.3#
68 5.8 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

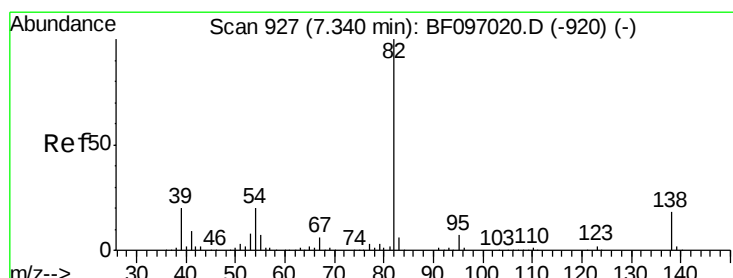
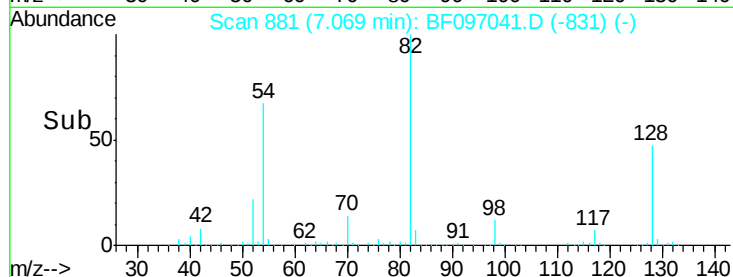
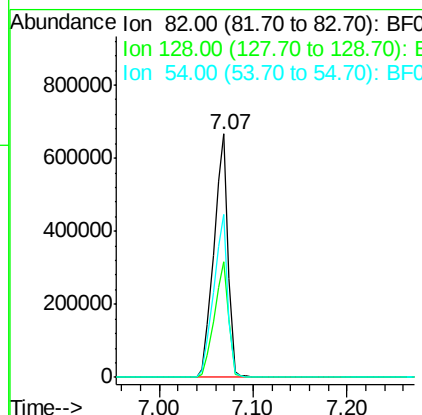
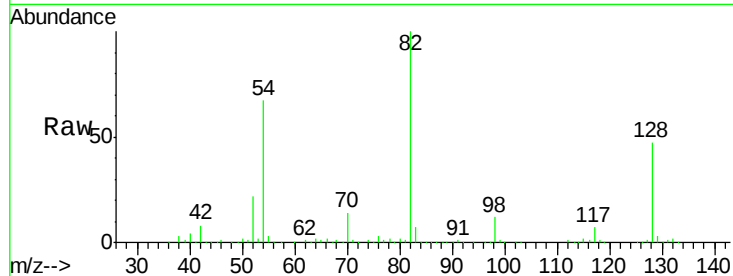




#23
 Nitrobenzene-d5
 Concen: 64.13 ng
 RT: 7.07 min Scan# 881
 Delta R.T. -0.01 min
 Lab File: BF097041.D
 Acq: 25 Jul 2017 20:53

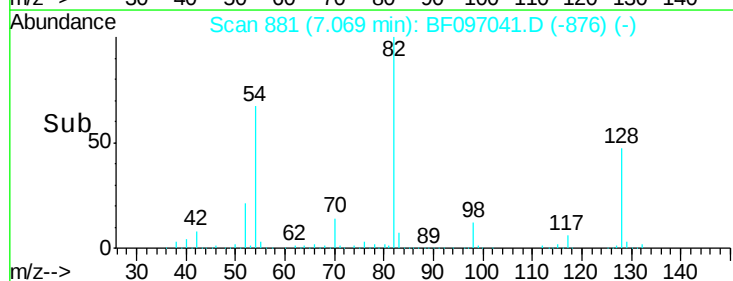
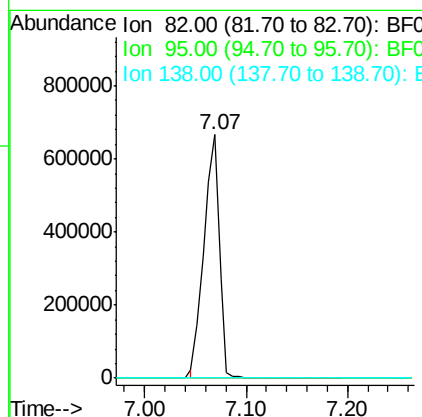
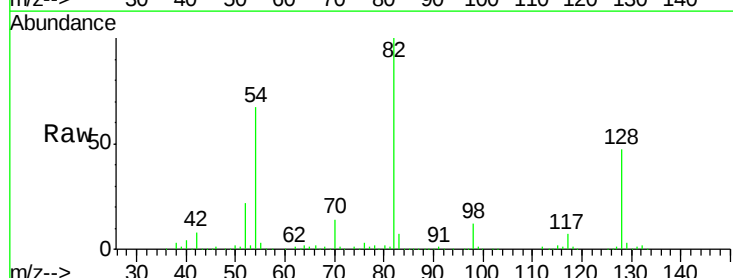
Instrument :
 BNA_F
 ClientSampled :

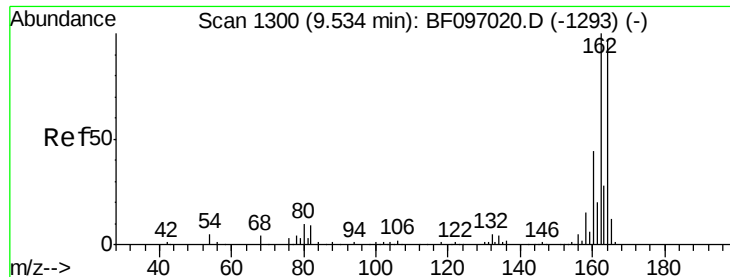
Tot Ion: 82 Resp: 712275
 Ion Ratio Lower Upper
 82 100
 128 47.3 34.0 51.0
 54 67.2 42.2 63.2#



#25
 Isophorone
 Concen: 32.34 ng
 RT: 7.07 min Scan# 881
 Delta R.T. -0.27 min
 Lab File: BF097041.D
 Acq: 25 Jul 2017 20:53

Tgt Ion: 82 Resp: 703566
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.3 7.9#
 138 0.0 13.1 19.7#

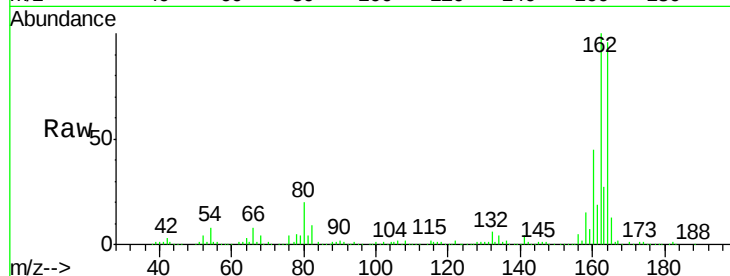




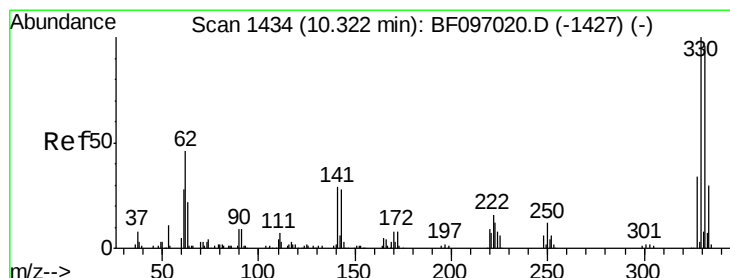
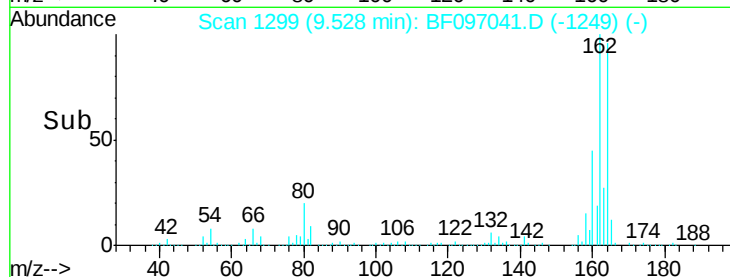
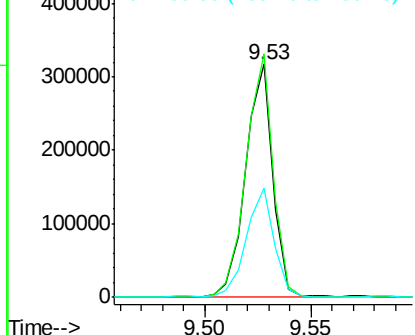
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.53 min Scan# 1299
 Delta R.T. -0.01 min
 Lab File: BF097041.D
 Acq: 25 Jul 2017 20:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 283937
 Ion Ratio Lower Upper
 164 100
 162 104.4 82.6 123.8
 160 46.7 36.2 54.2

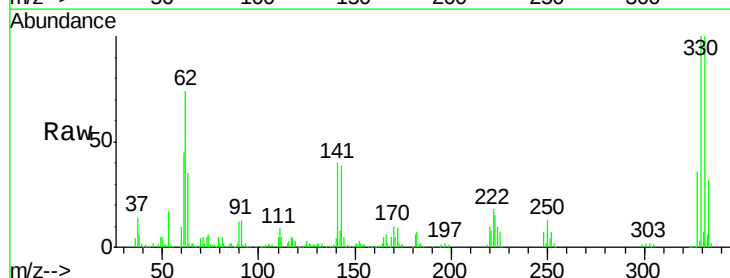


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

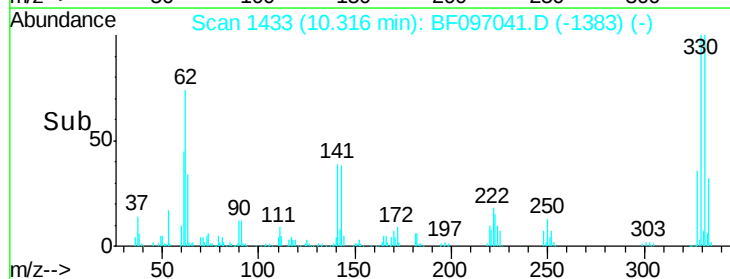
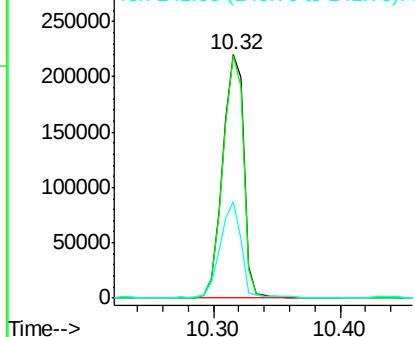


#41
 2,4,6-Tribromophenol
 Concen: 113.87 ng
 RT: 10.32 min Scan# 1433
 Delta R.T. -0.01 min
 Lab File: BF097041.D
 Acq: 25 Jul 2017 20:53

Tgt Ion:330 Resp: 255464
 Ion Ratio Lower Upper
 330 100
 332 97.1 76.6 115.0
 141 39.8 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

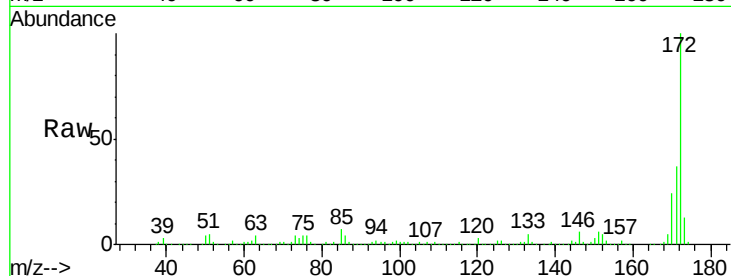




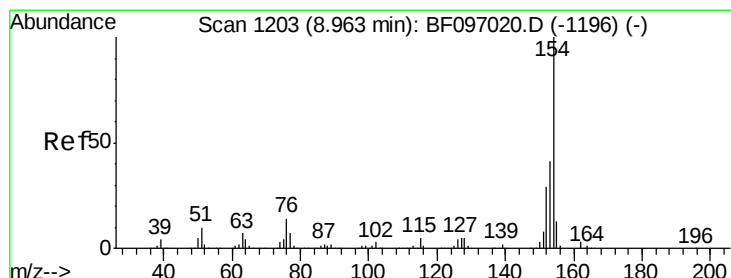
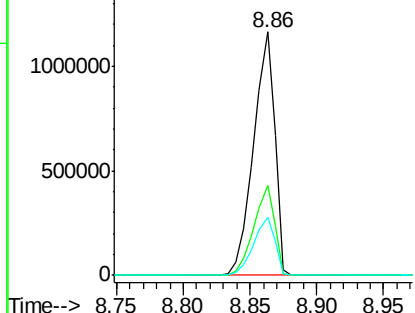
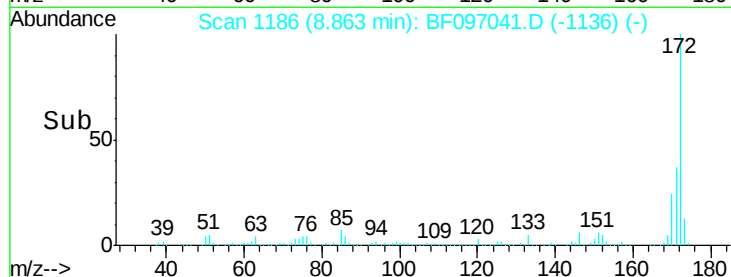
#44
2-Fluorobiphenyl
Concen: 75.25 ng
RT: 8.86 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BF097041.D
Acq: 25 Jul 2017 20:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1258944
Ion Ratio Lower Upper
172 100
171 37.0 29.6 44.4
170 23.9 19.8 29.8

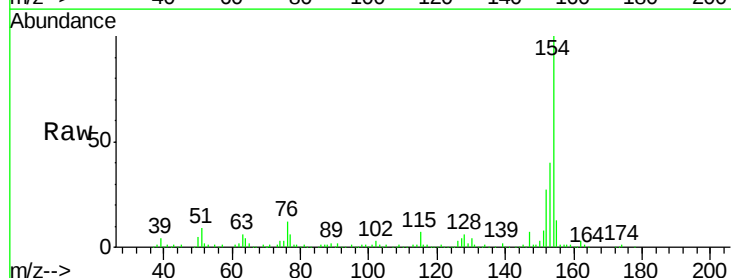


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

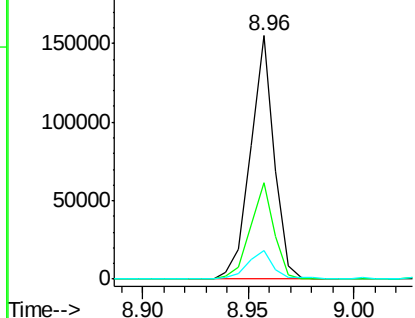
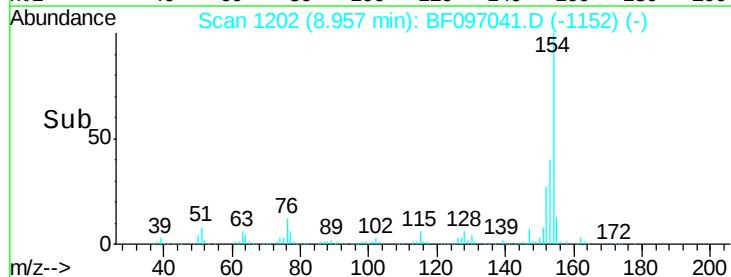


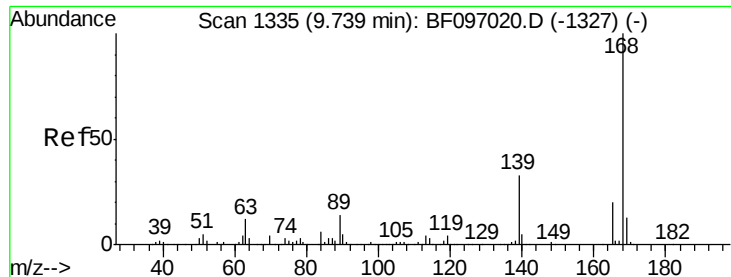
#45
1,1'-Biphenyl
Concen: 4.99 ng
RT: 8.96 min Scan# 1202
Delta R.T. -0.01 min
Lab File: BF097041.D
Acq: 25 Jul 2017 20:53

Tgt Ion:154 Resp: 121068
Ion Ratio Lower Upper
154 100
153 39.7 21.2 61.2
76 11.9 0.0 29.9



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0

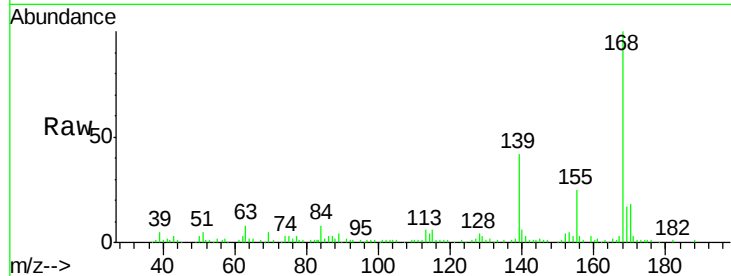




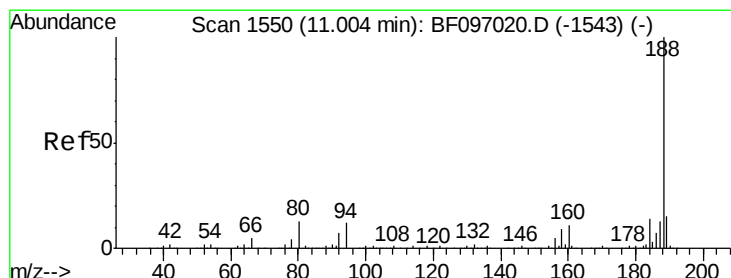
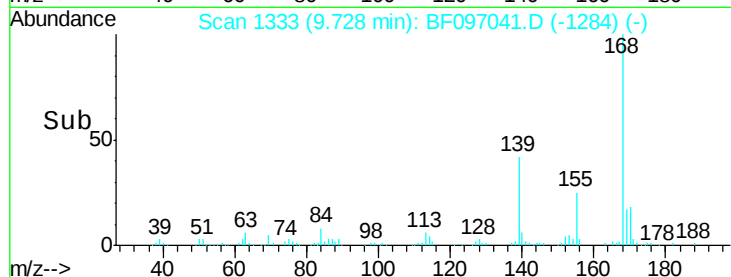
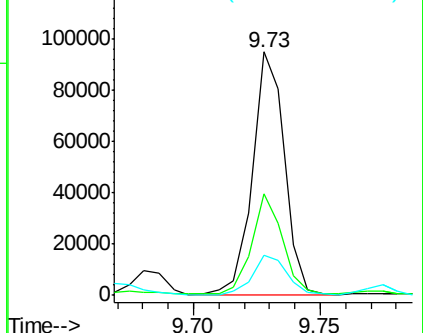
#54
Dibenzofuran
Concen: 3.88 ng
RT: 9.73 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF097041.D
Acq: 25 Jul 2017 20:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 83471
Ion Ratio Lower Upper
168 100
139 41.6 30.6 45.8
169 16.5 10.8 16.2#

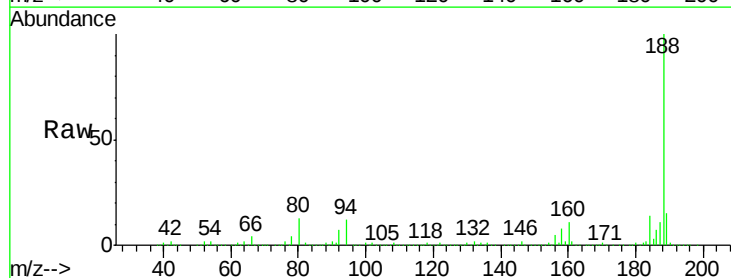


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

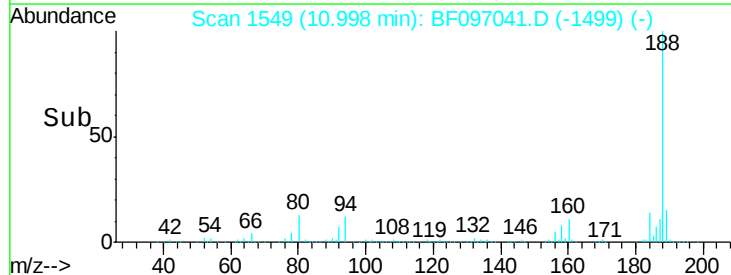
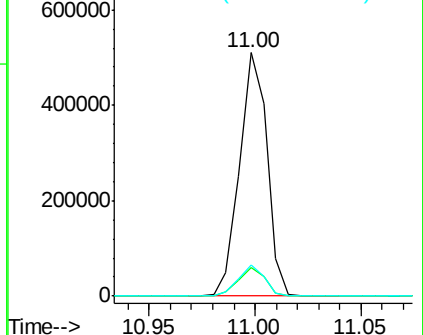


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.00 min Scan# 1549
Delta R.T. -0.01 min
Lab File: BF097041.D
Acq: 25 Jul 2017 20:53

Tgt Ion:188 Resp: 461193
Ion Ratio Lower Upper
188 100
94 11.9 9.4 14.2
80 12.7 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

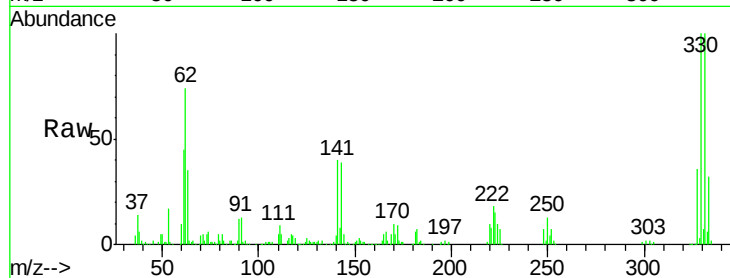




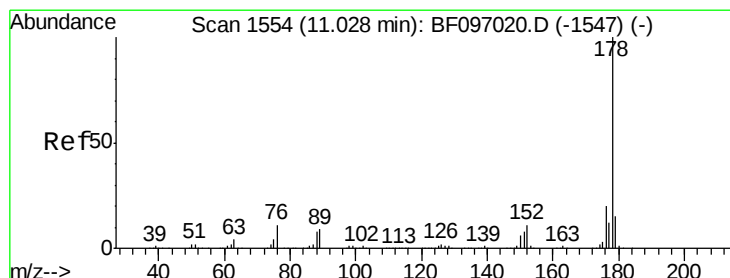
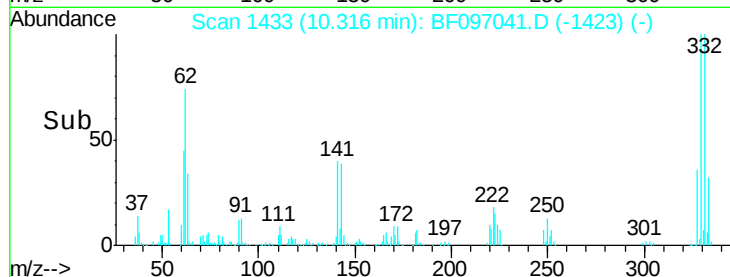
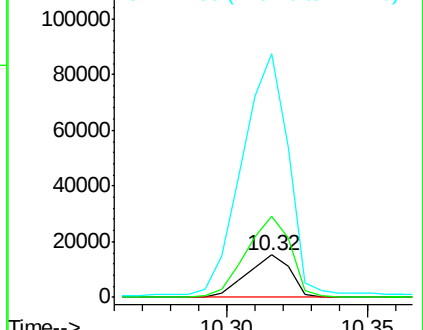
#66
4-Bromophenyl-phenylether
Concen: 3.52 ng
RT: 10.32 min Scan# 1433
Delta R.T. -0.24 min
Lab File: BF097041.D
Acq: 25 Jul 2017 20:53

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 16183
Ion Ratio Lower Upper
248 100
250 192.2 76.8 115.2#
141 574.2 68.6 103.0#

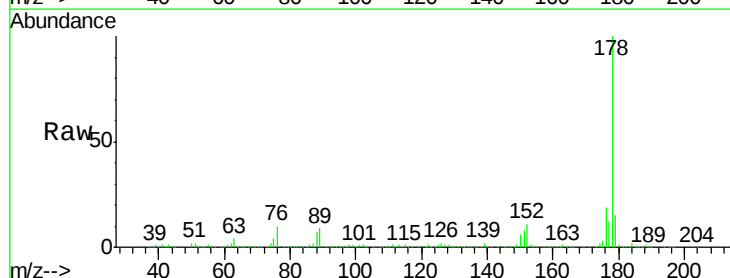


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

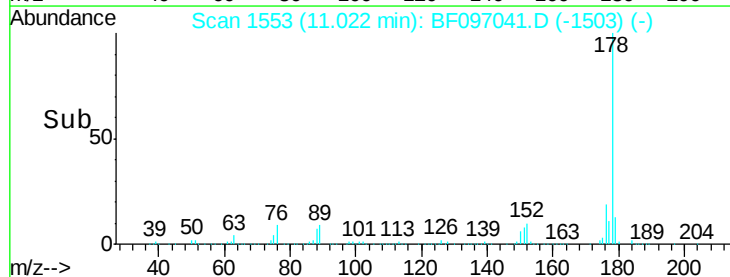
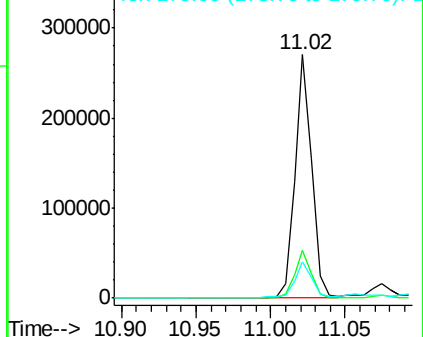


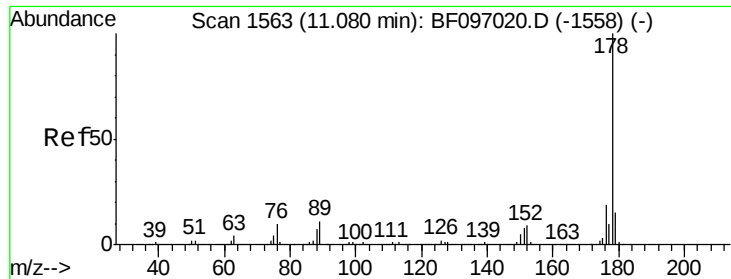
#70
Phenanthrene
Concen: 8.69 ng
RT: 11.02 min Scan# 1553
Delta R.T. -0.01 min
Lab File: BF097041.D
Acq: 25 Jul 2017 20:53

Tgt Ion:178 Resp: 214640
Ion Ratio Lower Upper
178 100
176 19.4 16.2 24.4
179 14.8 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

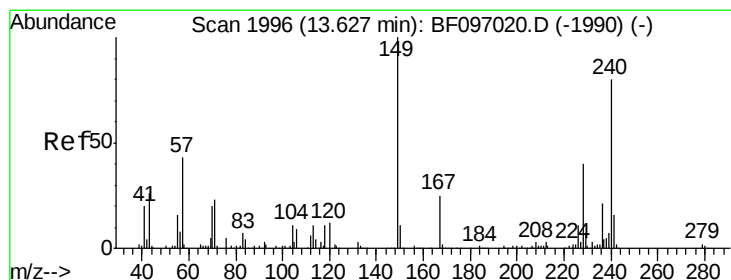
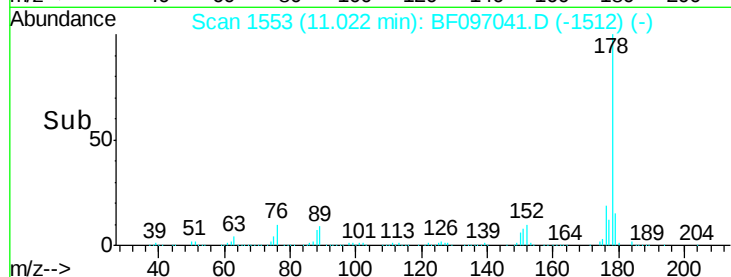
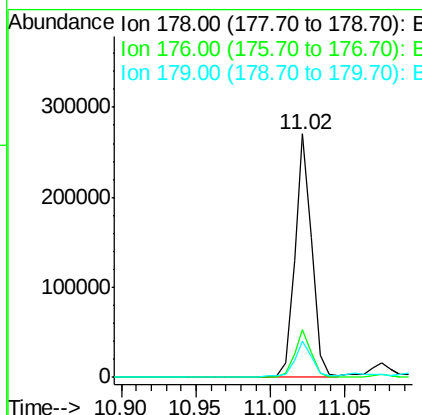
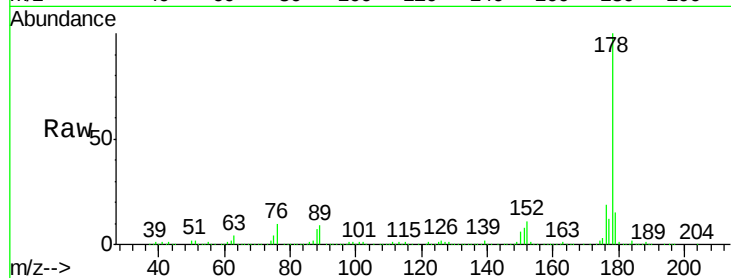




#71
 Anthracene
 Concen: 8.48 ng
 RT: 11.02 min Scan# 1553
 Delta R.T. -0.06 min
 Lab File: BF097041.D
 Acq: 25 Jul 2017 20:53

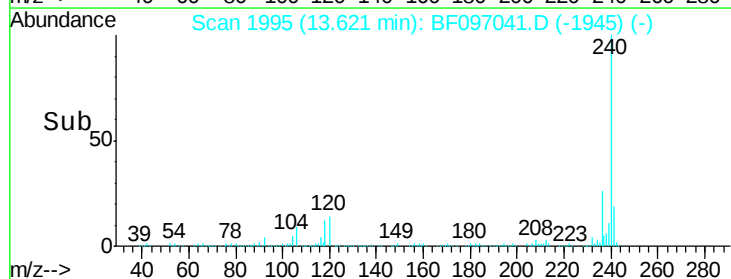
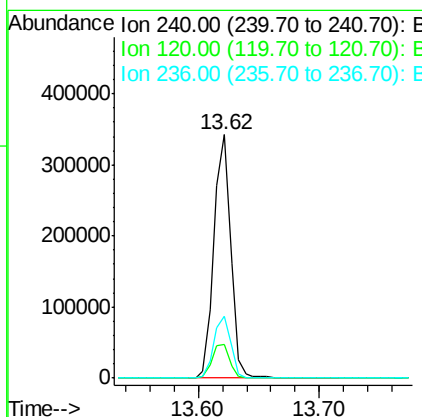
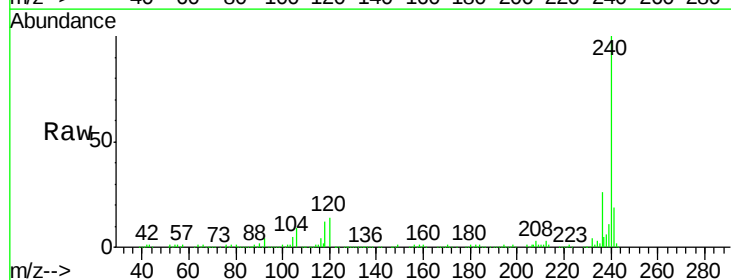
Instrument :
 BNA_F
 ClientSampleId :

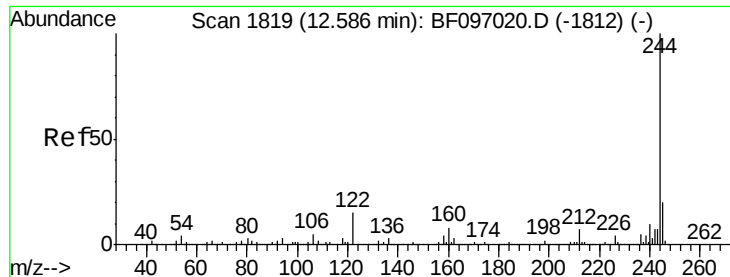
Tot Ion:178 Resp: 214640
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.8 23.8
 179 14.8 12.7 19.1



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.62 min Scan# 1995
 Delta R.T. -0.01 min
 Lab File: BF097041.D
 Acq: 25 Jul 2017 20:53

Tgt Ion:240 Resp: 325562
 Ion Ratio Lower Upper
 240 100
 120 13.7 5.8 8.8#
 236 25.6 20.5 30.7

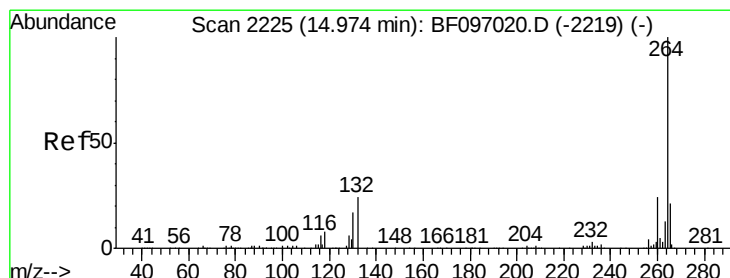
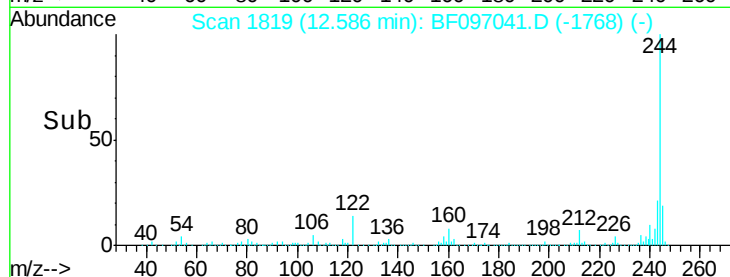
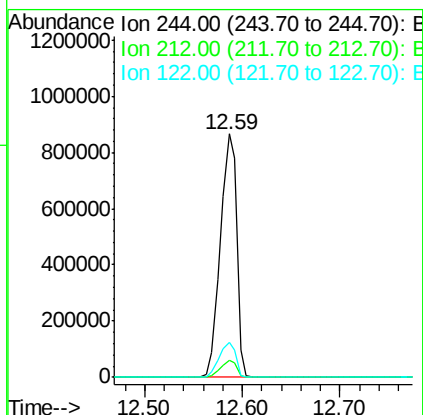
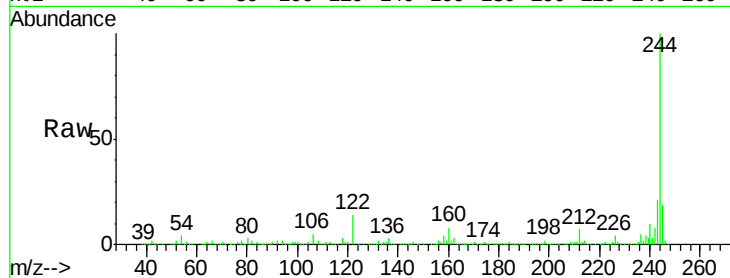




#78
 Terphenyl-d14
 Concen: 63.18 ng
 RT: 12.59 min Scan# 1819
 Delta R.T. -0.00 min
 Lab File: BF097041.D
 Acq: 25 Jul 2017 20:53

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion:244 Resp: 1008871
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 14.3 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.97 min Scan# 2224
 Delta R.T. -0.01 min
 Lab File: BF097041.D
 Acq: 25 Jul 2017 20:53

Tgt Ion:264 Resp: 207078
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.5 29.3
 265 20.9 17.2 25.8

