

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072517\
 Data File : BF097053.D
 Acq On : 26 Jul 2017 3:21
 Operator : SJ/JU
 Sample : I4399-04
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-HS4-SSW

Quant Time: Jul 26 03:56:50 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

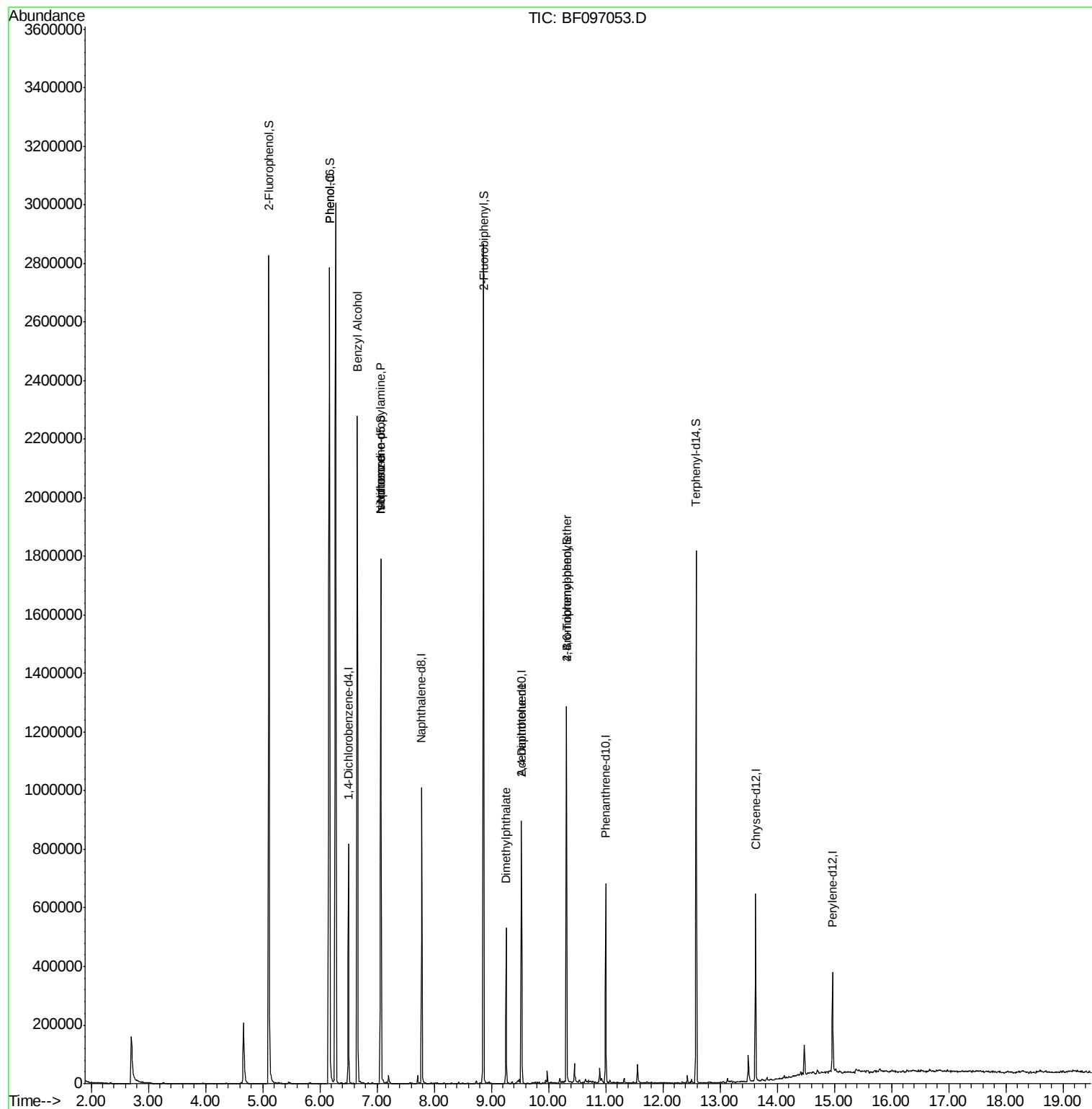
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.50	152	113234	20.00	ng	0.00
21) Naphthalene-d8	7.78	136	435624	20.00	ng	0.00
38) Acenaphthene-d10	9.53	164	162595	20.00	ng	0.00
63) Phenanthrene-d10	11.00	188	232024	20.00	ng	0.00
75) Chrysene-d12	13.62	240	195771	20.00	ng	0.00
86) Perylene-d12	14.97	264	136072	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.11	112	868387	115.61	ng	0.01
7) Phenol-d6	6.17	99	1070792	124.87	ng	0.00
23) Nitrobenzene-d5	7.07	82	587989	79.18	ng	0.00
41) 2,4,6-Tribromophenol	10.32	330	152771	118.92	ng	0.00
44) 2-Fluorobiphenyl	8.86	172	904442	94.40	ng	0.00
78) Terphenyl-d14	12.59	244	552138	57.50	ng	0.00
Target Compounds						
10) Phenol	6.17	94	25057	2.46	ng	# 45
15) Benzyl Alcohol	6.66	79	11268	2.08	ng	# 34
19) n-Nitroso-di-n-propylamine	7.07	70	79633	14.11	ng	# 86
25) Isophorone	7.07	82	583183	40.10	ng	# 67
49) Dimethylphthalate	9.26	163	205654	16.66	ng	99
56) 2,4-Dinitrotoluene	9.53	165	20936	6.95	ng	# 33
66) 4-Bromophenyl-phenylether	10.32	248	9690	4.18	ng	# 1

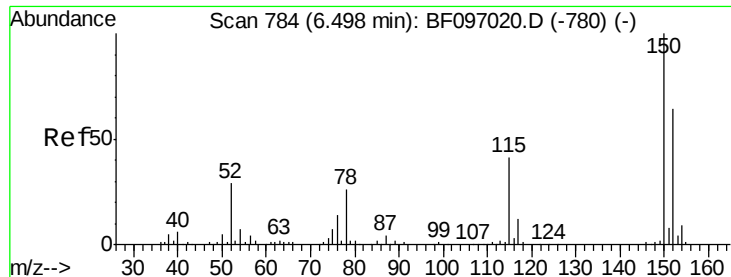
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072517\
Data File : BF097053.D
Acq On : 26 Jul 2017 3:21
Operator : SJ/JU
Sample : I4399-04
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E2-HS4-SSW

Quant Time: Jul 26 03:56:50 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: BF097053.D

Acq: 26 Jul 2017 3:21

Instrument :

BNA_F

ClientSampleId :

E2-HS4-SSW

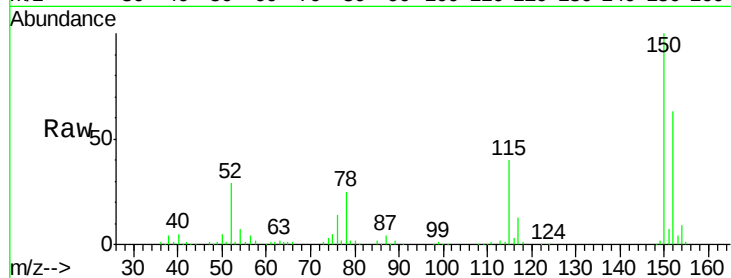
Tot Ion:152 Resp: 113234

Ion Ratio Lower Upper

152 100

150 157.7 126.2 189.2

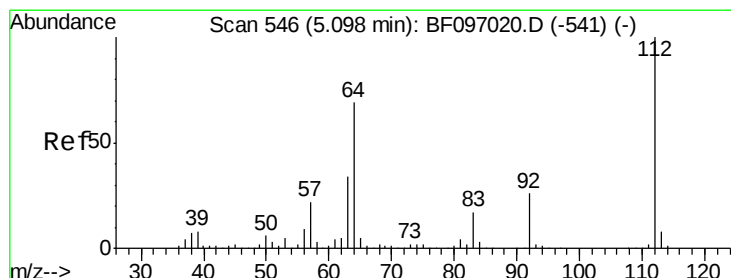
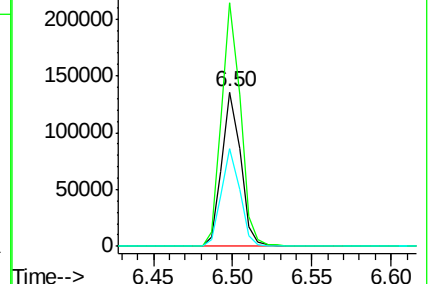
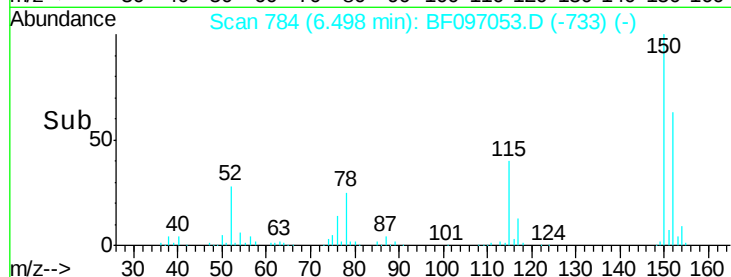
115 63.5 52.2 78.2



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: 115.61 ng

RT: 5.11 min Scan# 548

Delta R.T. 0.01 min

Lab File: BF097053.D

Acq: 26 Jul 2017 3:21

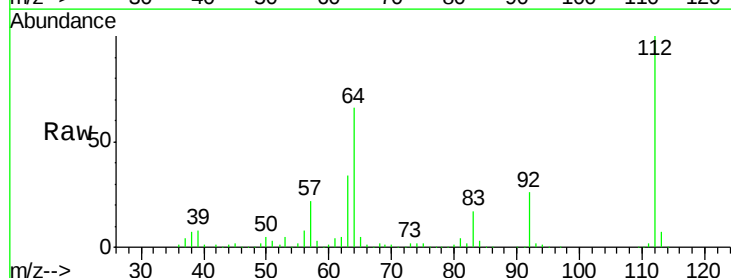
Tgt Ion:112 Resp: 868387

Ion Ratio Lower Upper

112 100

64 65.8 46.0 69.0

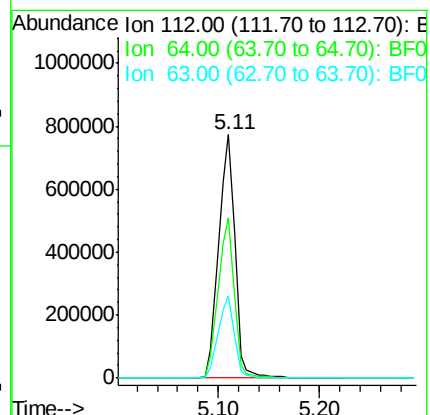
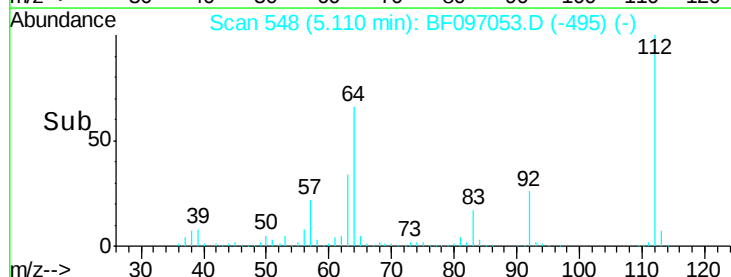
63 33.8 23.4 35.0

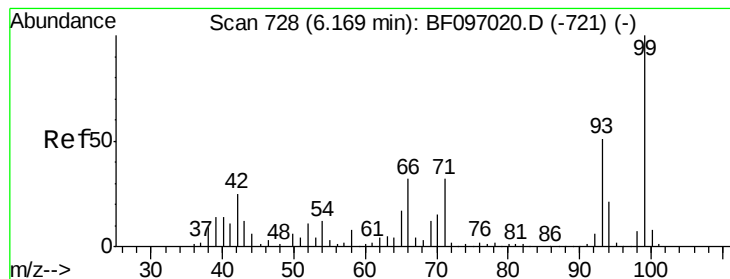


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 124.87 ng

RT: 6.17 min Scan# 728

Delta R.T. -0.00 min

Lab File: BF097053.D

Acq: 26 Jul 2017 3:21

Instrument :

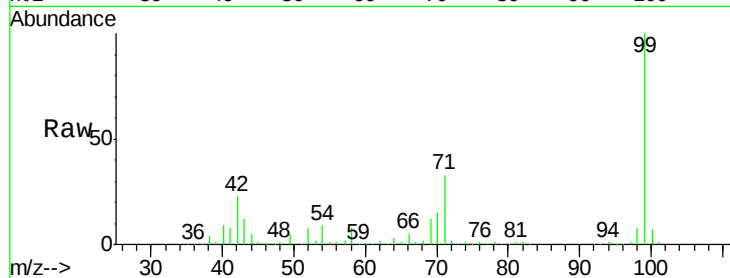
BNA_F

ClientSampleId :

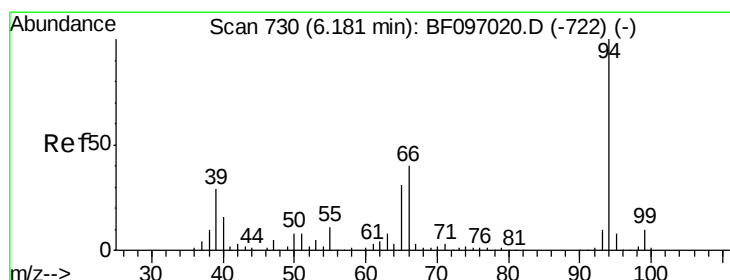
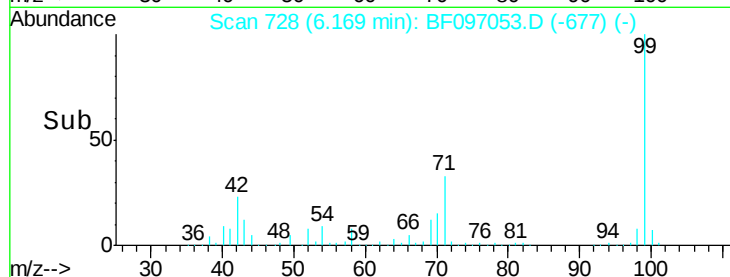
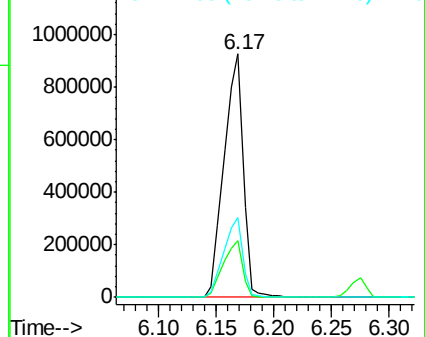
E2-HS4-SSW

Tot Ion: 99 Resp: 1070792

Ion	Ratio	Lower	Upper
99	100		
42	23.3	13.5	20.3#
71	32.8	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: 2.46 ng

RT: 6.17 min Scan# 729

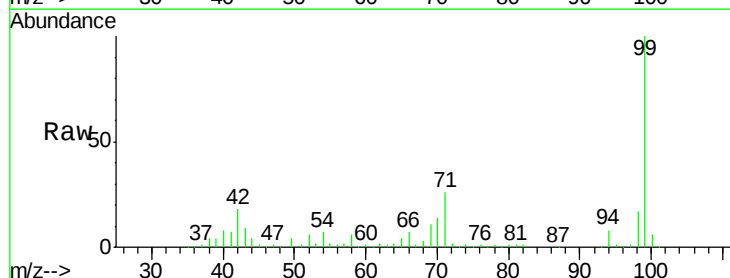
Delta R.T. -0.01 min

Lab File: BF097053.D

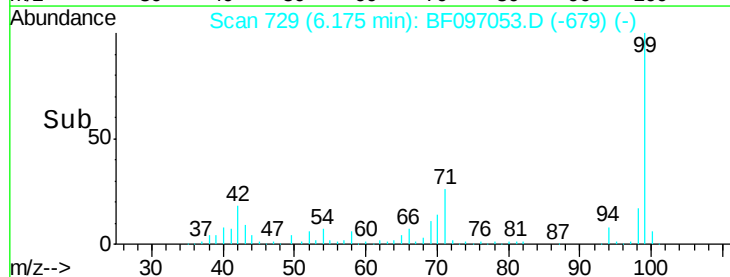
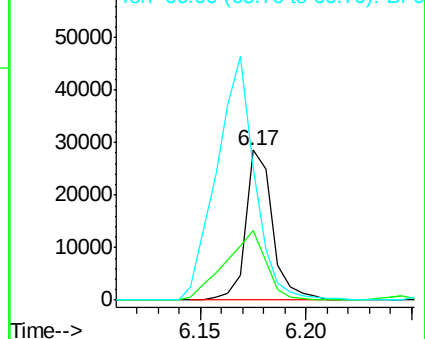
Acq: 26 Jul 2017 3:21

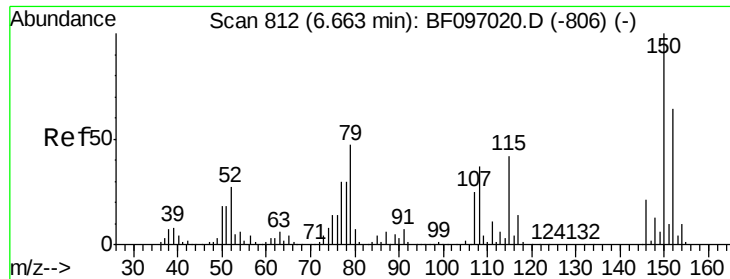
Tgt Ion: 94 Resp: 25057

Ion	Ratio	Lower	Upper
94	100		
65	46.3	9.9	49.9
66	88.8	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





#15

Benzyl Alcohol

Concen: 2.08 ng

RT: 6.66 min Scan# 811

Delta R.T. -0.01 min

Lab File: BF097053.D

Acq: 26 Jul 2017 3:21

Instrument :

BNA_F

ClientSampleId :

E2-HS4-SSW

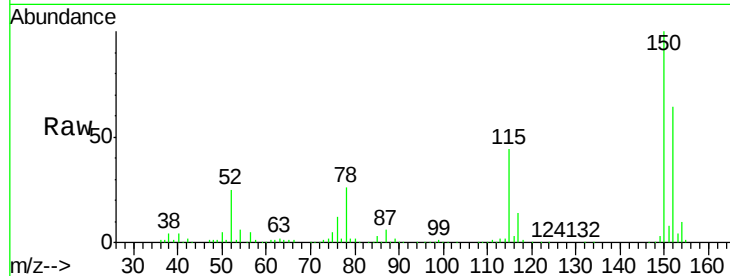
Tot Ion: 79 Resp: 11268

Ion Ratio Lower Upper

79 100

108 26.0 63.4 95.0#

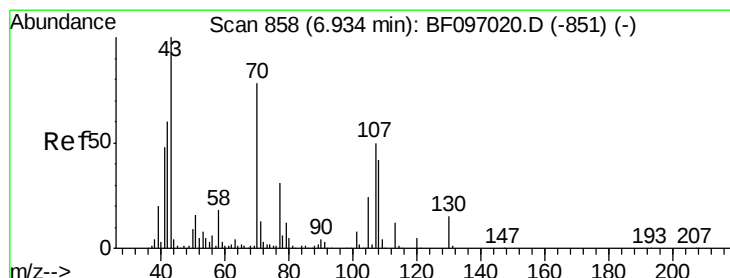
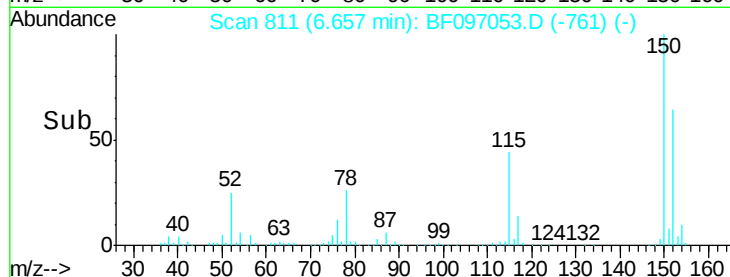
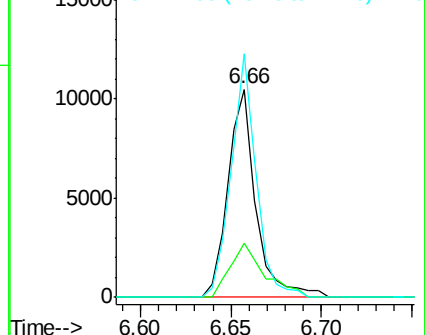
77 117.1 49.2 73.8#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#19

n-Nitroso-di-n-propylamine

Concen: 14.11 ng

RT: 7.07 min Scan# 881

Delta R.T. 0.14 min

Lab File: BF097053.D

Acq: 26 Jul 2017 3:21

Tgt Ion: 70 Resp: 79633

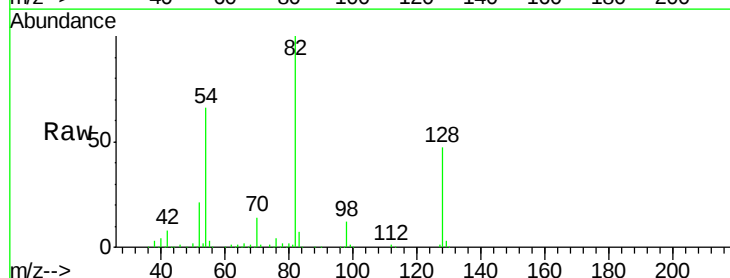
Ion Ratio Lower Upper

70 100

42 61.6 47.2 70.8

101 0.0 7.2 10.8#

130 1.7 15.9 23.9#

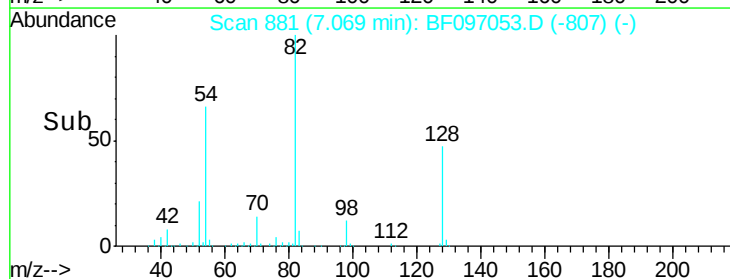
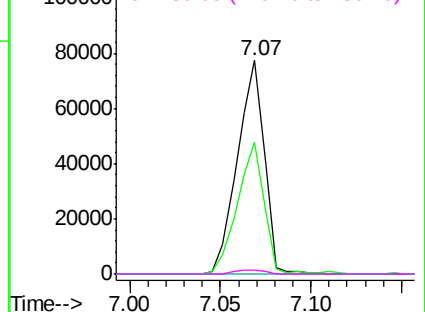


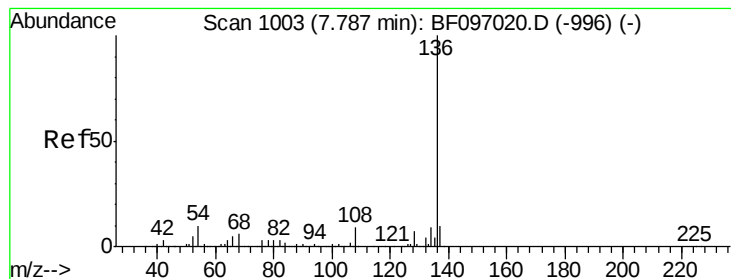
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.78 min Scan# 1002

Delta R.T. -0.01 min

Lab File: BF097053.D

Acq: 26 Jul 2017 3:21

Instrument :

BNA_F

ClientSampleId :

E2-HS4-SSW

Tot Ion:136 Resp: 435624

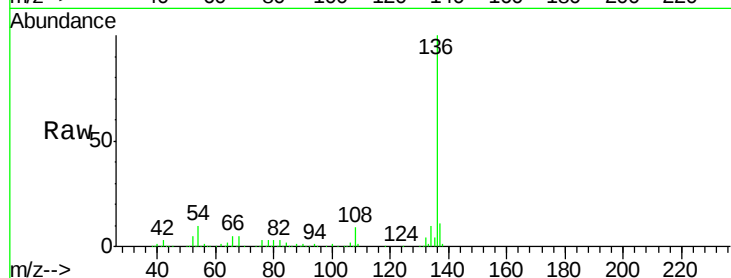
Ion Ratio Lower Upper

136 100

137 10.8 8.5 12.7

54 10.0 4.9 7.3#

68 5.2 4.1 6.1

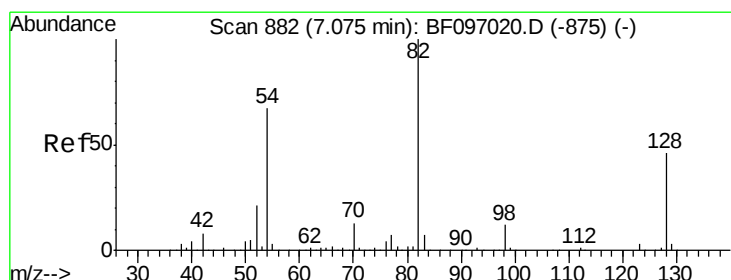
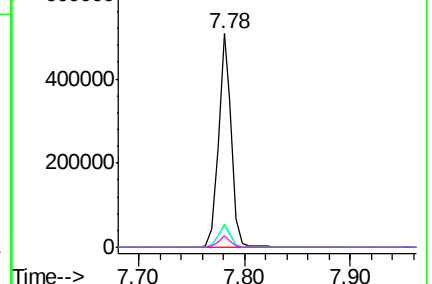
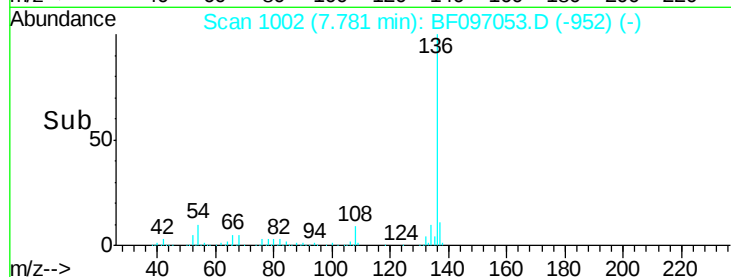


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#23

Nitrobenzene-d5

Concen: 79.18 ng

RT: 7.07 min Scan# 881

Delta R.T. -0.01 min

Lab File: BF097053.D

Acq: 26 Jul 2017 3:21

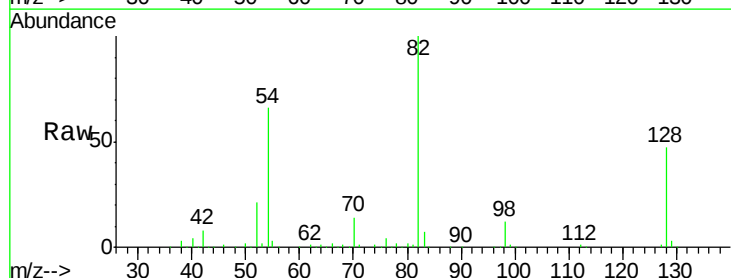
Tgt Ion: 82 Resp: 587989

Ion Ratio Lower Upper

82 100

128 47.1 34.0 51.0

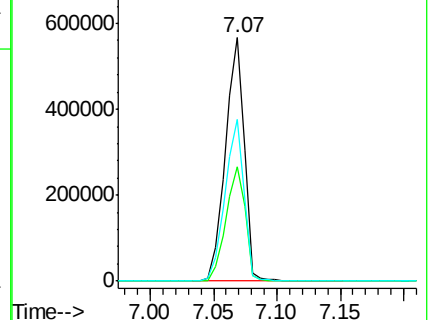
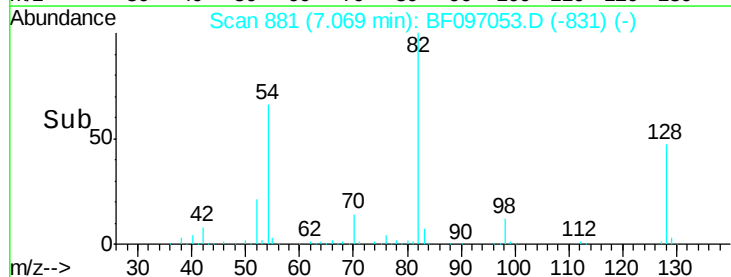
54 66.4 42.2 63.2#

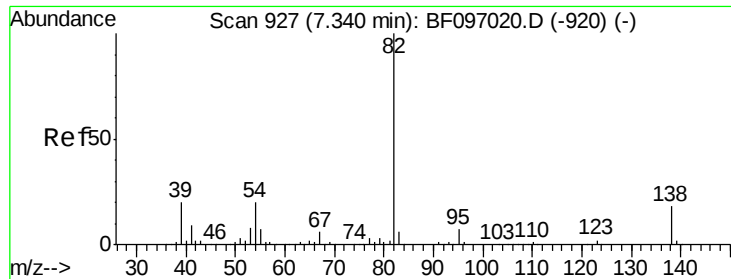


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 40.10 ng

RT: 7.07 min Scan# 881

Delta R.T. -0.27 min

Lab File: BF097053.D

Acq: 26 Jul 2017 3:21

Instrument :

BNA_F

ClientSampleId :

E2-HS4-SSW

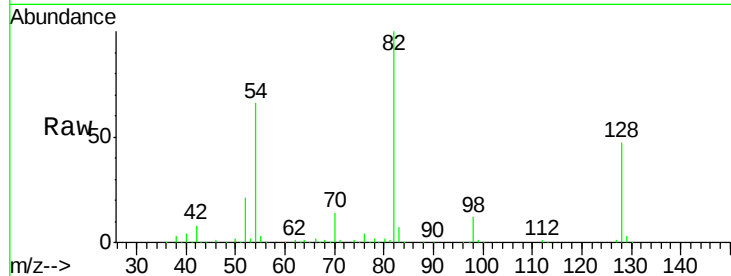
Tot Ion: 82 Resp: 583183

Ion Ratio Lower Upper

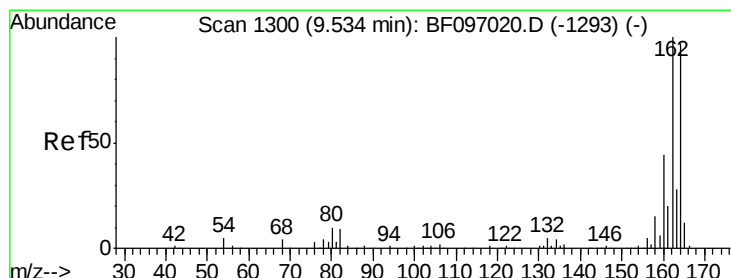
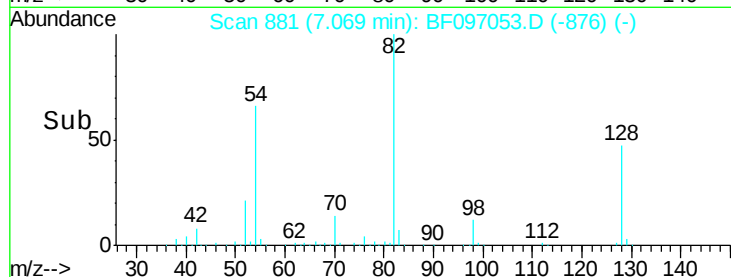
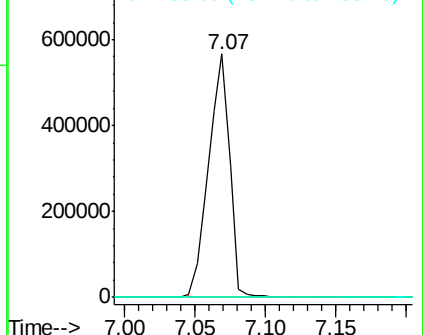
82 100

95 0.0 5.3 7.9#

138 0.0 13.1 19.7#



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.53 min Scan# 1299

Delta R.T. -0.01 min

Lab File: BF097053.D

Acq: 26 Jul 2017 3:21

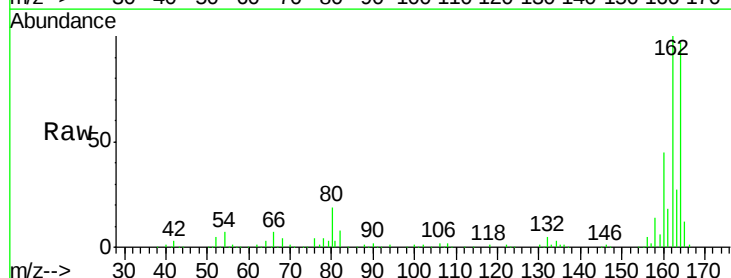
Tgt Ion:164 Resp: 162595

Ion Ratio Lower Upper

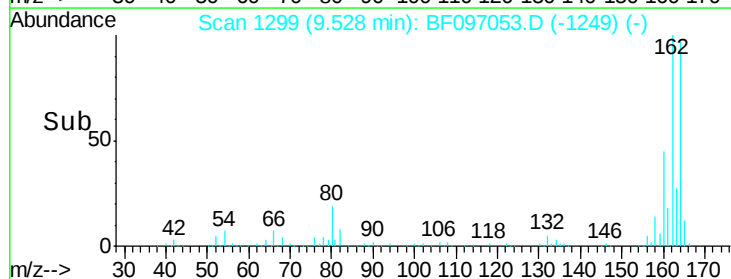
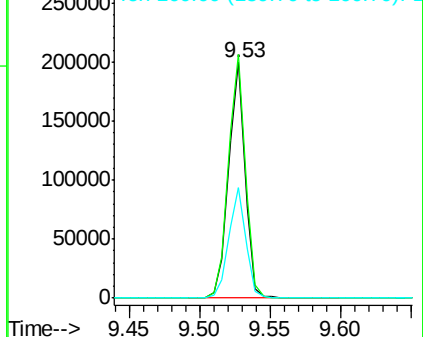
164 100

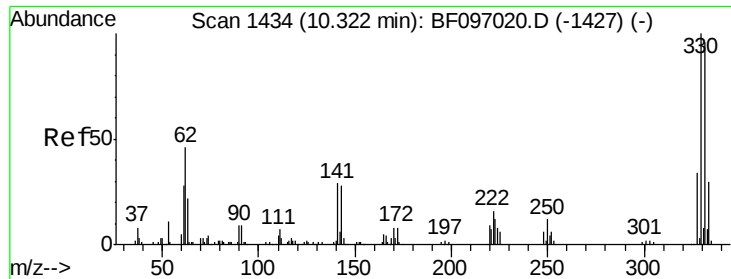
162 103.5 82.6 123.8

160 46.8 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

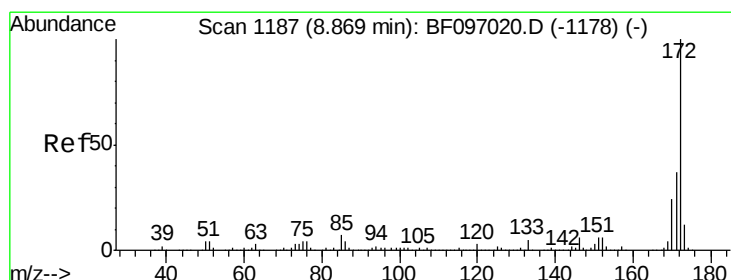
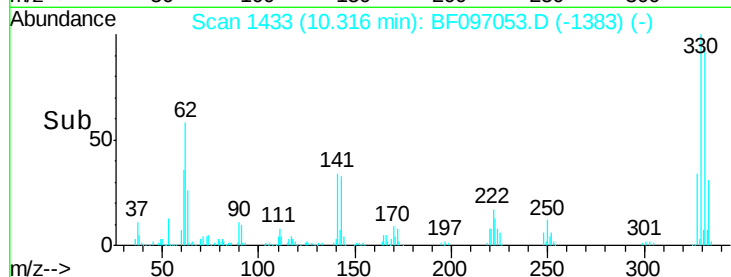
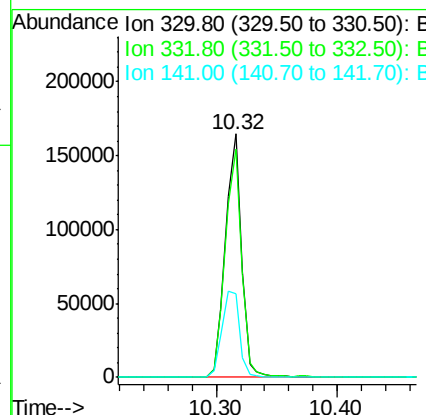
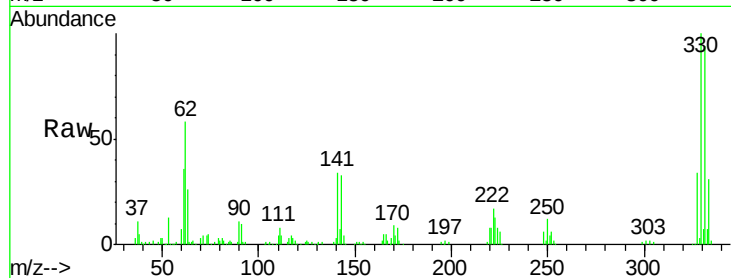




#41
 2,4,6-Tribromophenol
 Concen: 118.92 ng
 RT: 10.32 min Scan# 1433
 Delta R.T. -0.01 min
 Lab File: BF097053.D
 Acq: 26 Jul 2017 3:21

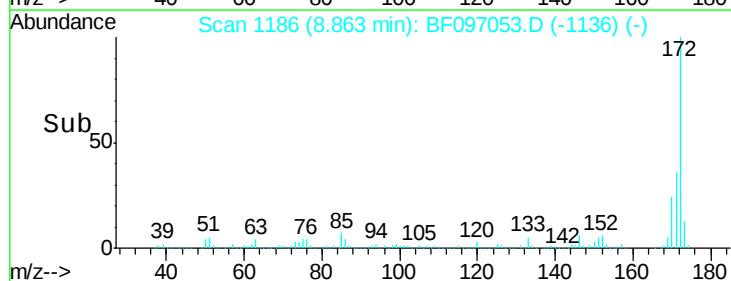
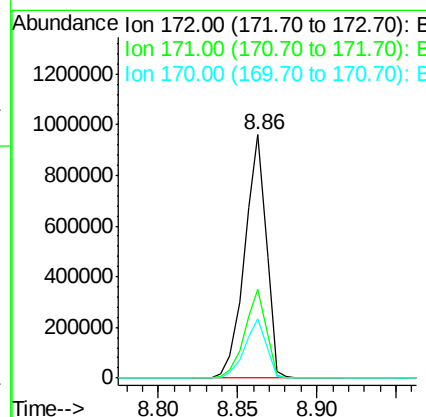
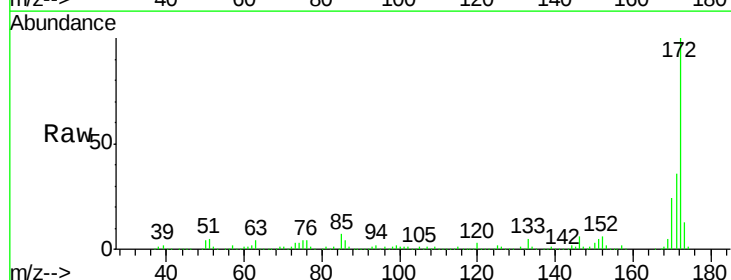
Instrument :
 BNA_F
 ClientSampleId :
 E2-HS4-SSW

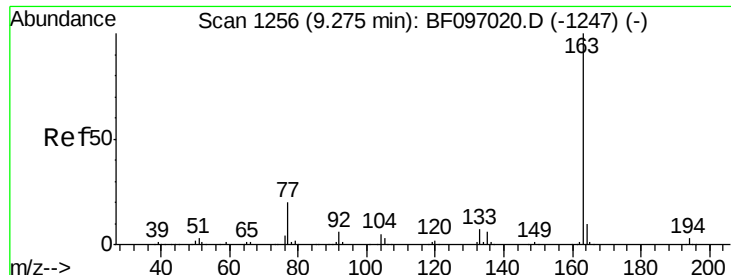
Tot Ion:330 Resp: 152771
 Ion Ratio Lower Upper
 330 100
 332 95.2 76.6 115.0
 141 38.4 31.4 47.2



#44
 2-Fluorobiphenyl
 Concen: 94.40 ng
 RT: 8.86 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF097053.D
 Acq: 26 Jul 2017 3:21

Tgt Ion:172 Resp: 904442
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.6 44.4
 170 24.3 19.8 29.8

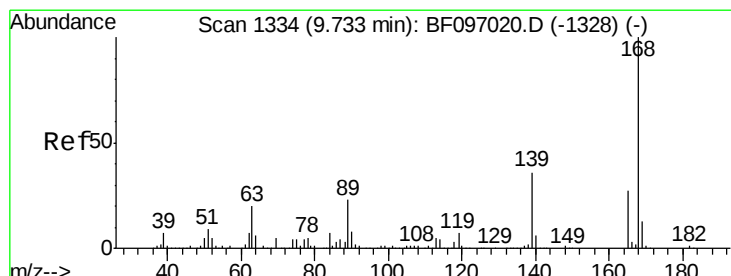
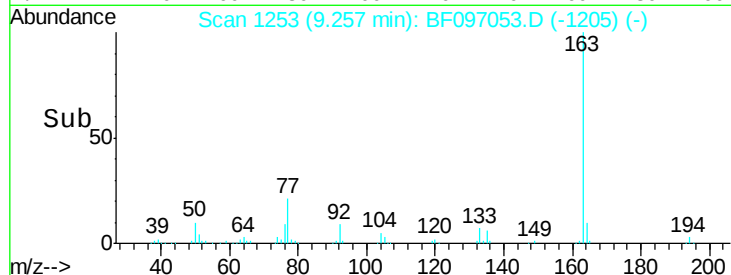
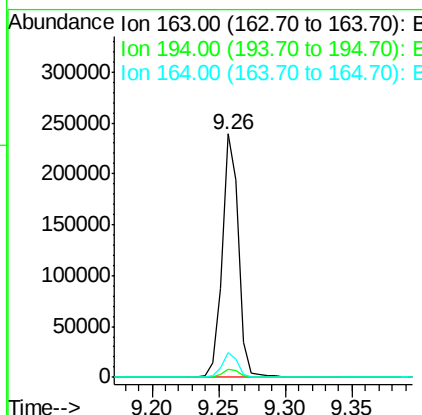
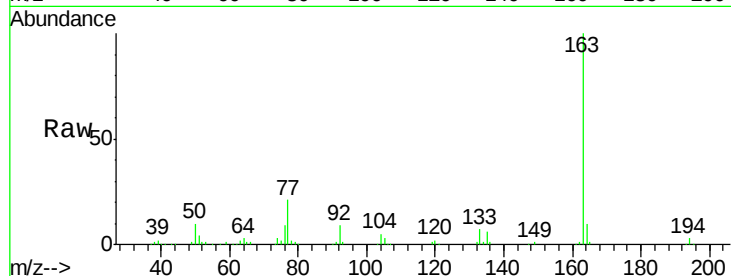




#49
Dimethylphthalate
Concen: 16.66 ng
RT: 9.26 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF097053.D
Acq: 26 Jul 2017 3:21

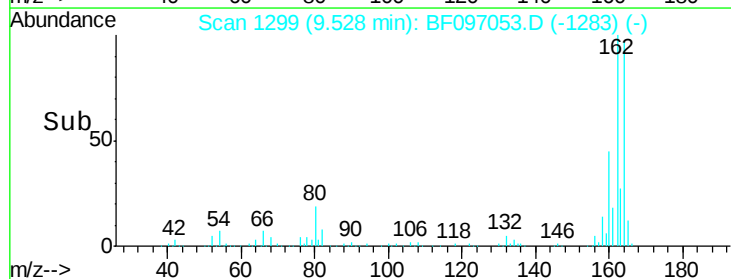
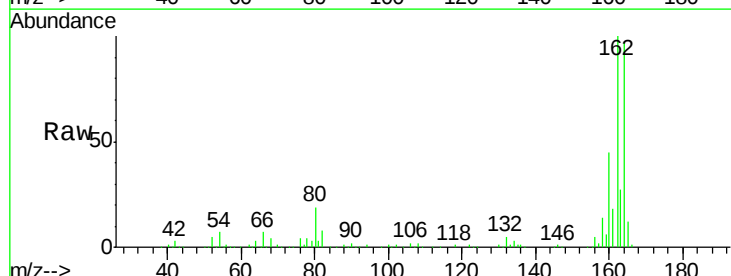
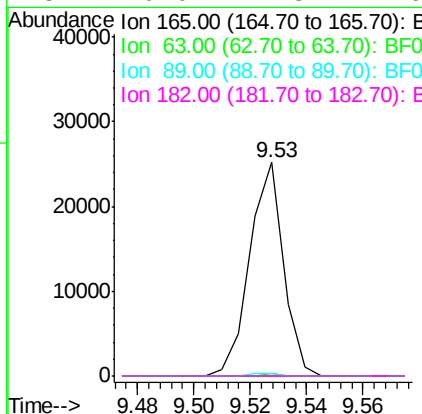
Instrument :
BNA_F
ClientSampleId :
E2-HS4-SSW

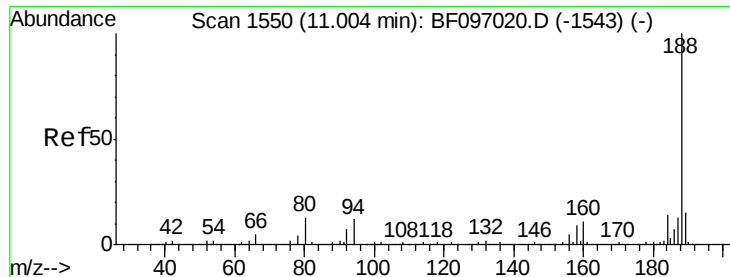
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.1	2.6	4.0
164	10.1	8.4	12.6



#56
2,4-Dinitrotoluene
Concen: 6.95 ng
RT: 9.53 min Scan# 1299
Delta R.T. -0.21 min
Lab File: BF097053.D
Acq: 26 Jul 2017 3:21

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

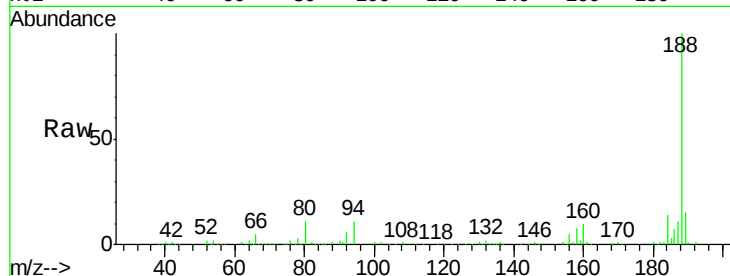




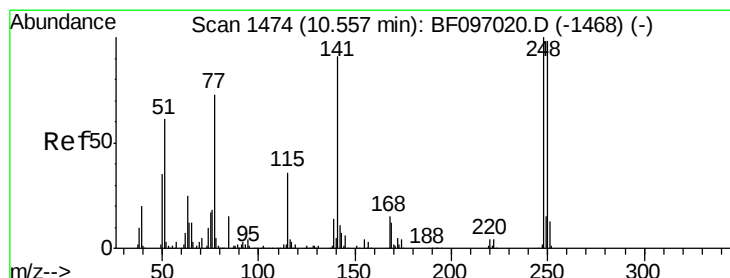
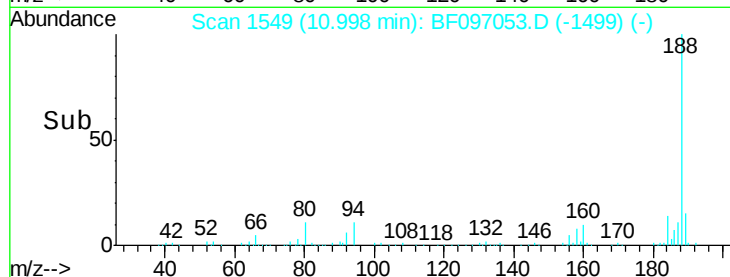
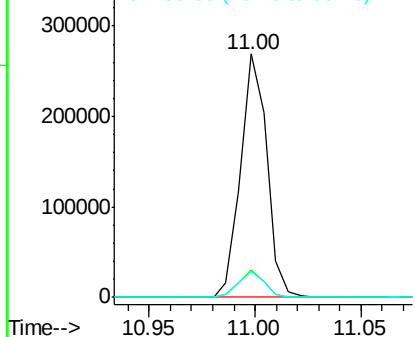
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.00 min Scan# 1549
Delta R.T. -0.01 min
Lab File: BF097053.D
Acq: 26 Jul 2017 3:21

Instrument :
BNA_F
ClientSampleId :
E2-HS4-SSW

Tot Ion:188 Resp: 232024
Ion Ratio Lower Upper
188 100
94 11.3 9.4 14.2
80 10.8 10.2 15.2

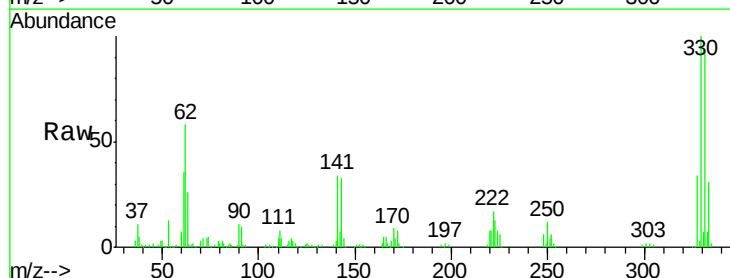


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

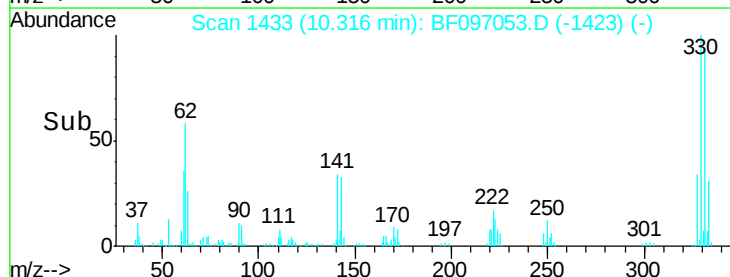
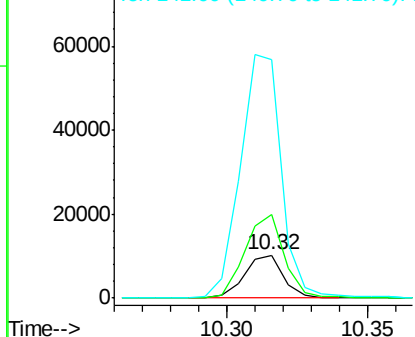


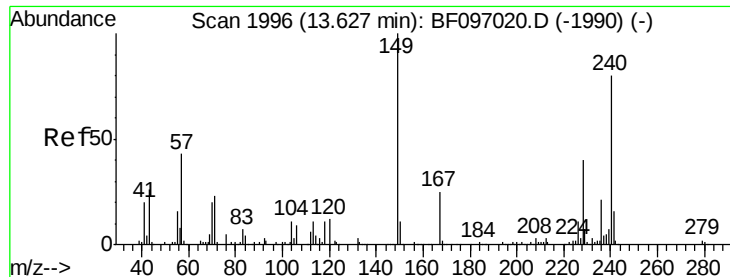
#66
4-Bromophenyl-phenylether
Concen: 4.18 ng
RT: 10.32 min Scan# 1433
Delta R.T. -0.24 min
Lab File: BF097053.D
Acq: 26 Jul 2017 3:21

Tgt Ion:248 Resp: 9690
Ion Ratio Lower Upper
248 100
250 193.4 76.8 115.2#
141 551.7 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





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.62 min Scan# 1995

Delta R.T. -0.01 min

Lab File: BF097053.D

Acq: 26 Jul 2017 3:21

Instrument :

BNA_F

ClientSampleId :

E2-HS4-SSW

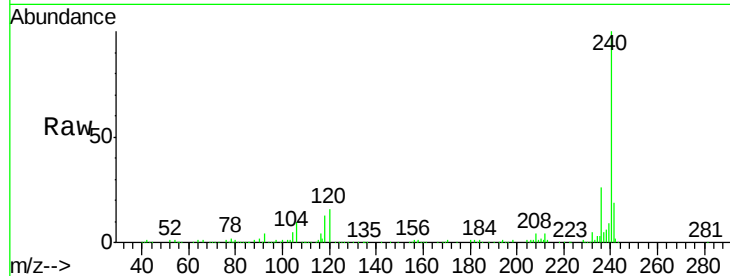
Tot Ion:240 Resp: 195771

Ion Ratio Lower Upper

240 100

120 15.8 5.8 8.8#

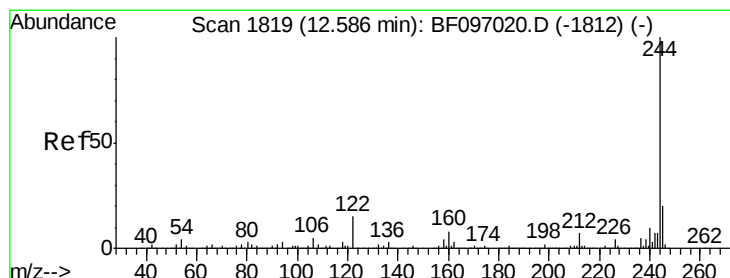
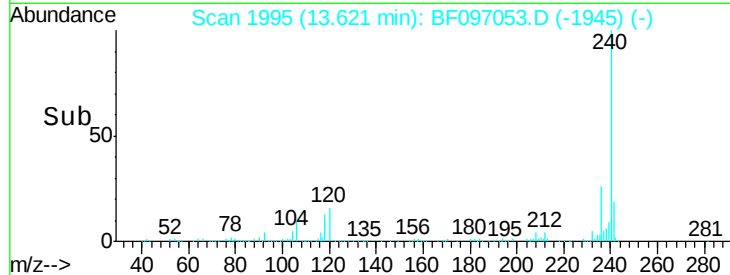
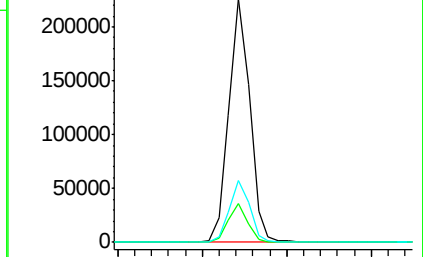
236 25.6 20.5 30.7



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: 57.50 ng

RT: 12.59 min Scan# 1819

Delta R.T. -0.00 min

Lab File: BF097053.D

Acq: 26 Jul 2017 3:21

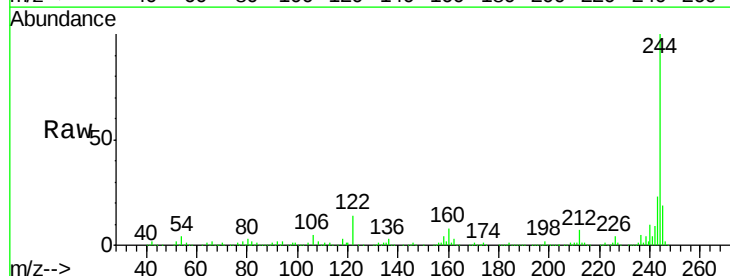
Tgt Ion:244 Resp: 552138

Ion Ratio Lower Upper

244 100

212 6.8 6.0 9.0

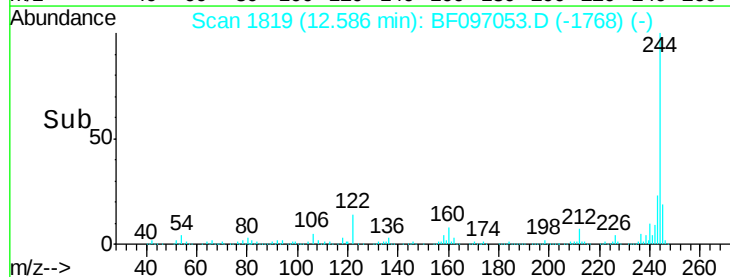
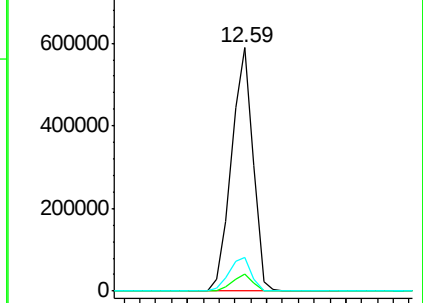
122 13.7 10.3 15.5

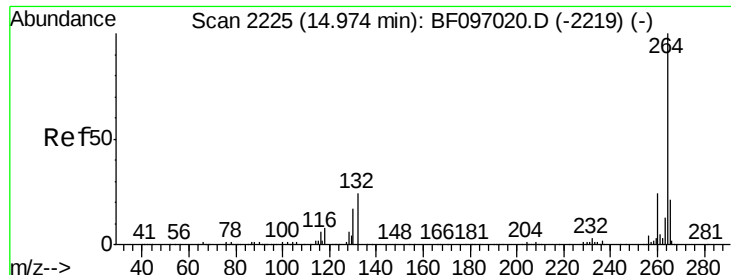


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 14.97 min Scan# 2225
Delta R.T. -0.00 min
Lab File: BF097053.D
Acq: 26 Jul 2017 3:21

Instrument :
BNA_F
ClientSampleId :
E2-HS4-SSW

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.5	29.3
265	21.7	17.2	25.8

