

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 :

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

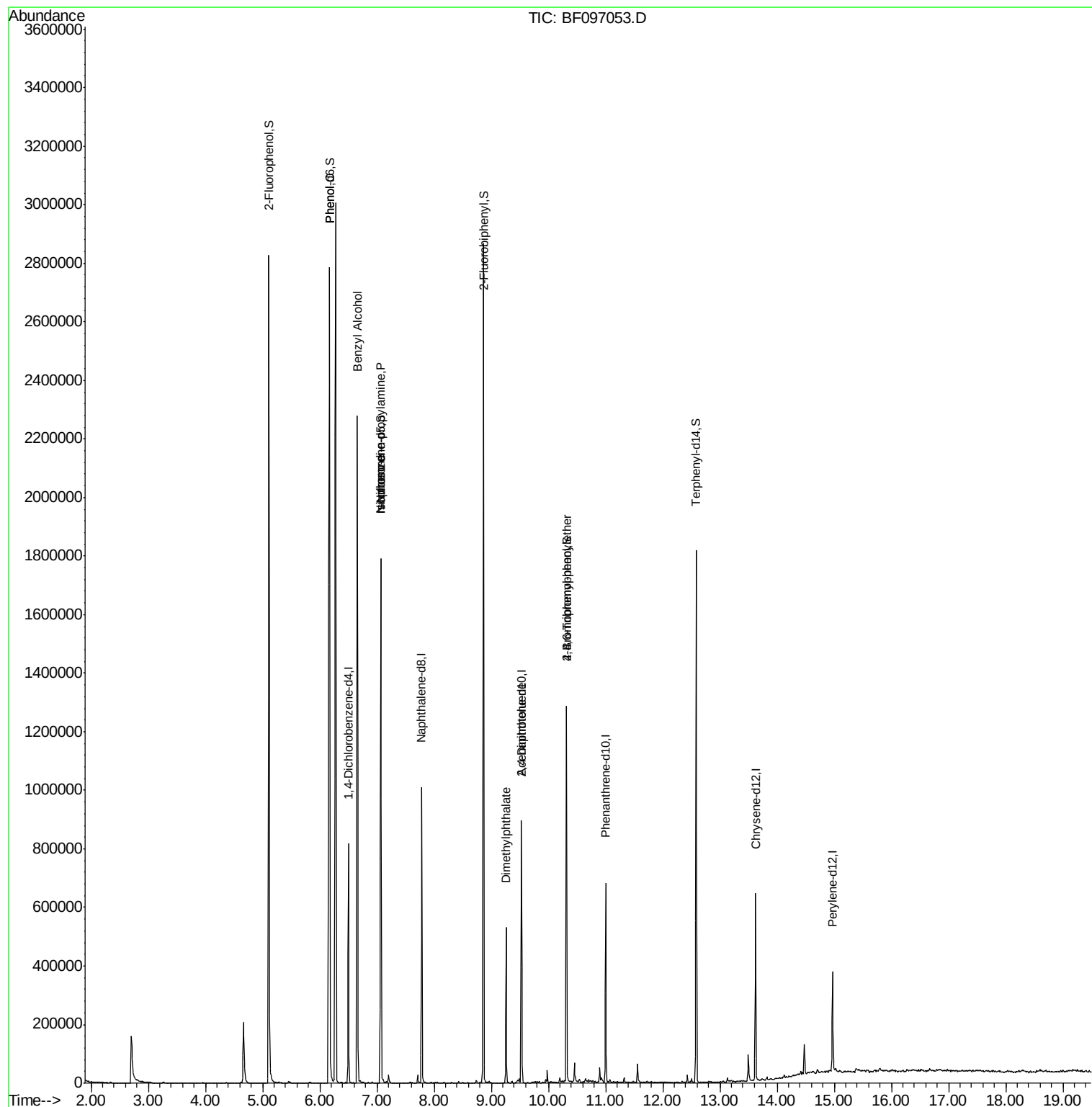
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.50	152	113234	20.00	ng	0.00
21) Naphthalene-d8	7.78	136	435624	20.00	ng	0.00
38) Acenaphthene-d10	9.53	164	162595	20.00	ng	0.00
63) Phenanthrene-d10	11.00	188	232024	20.00	ng	0.00
75) Chrysene-d12	13.62	240	195771	20.00	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

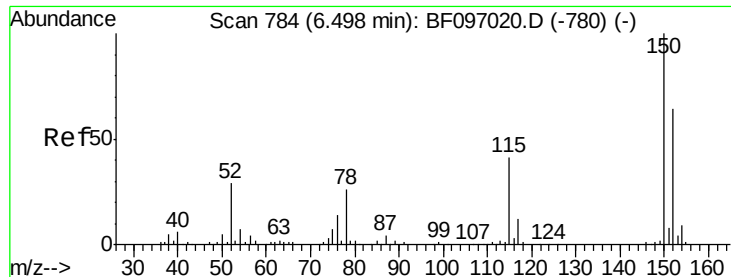
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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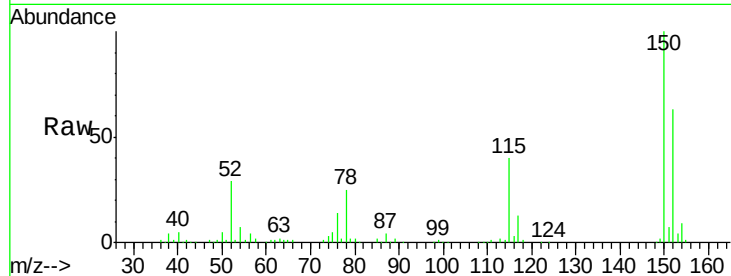


#1

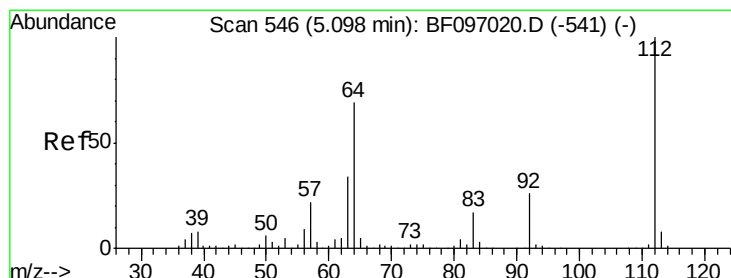
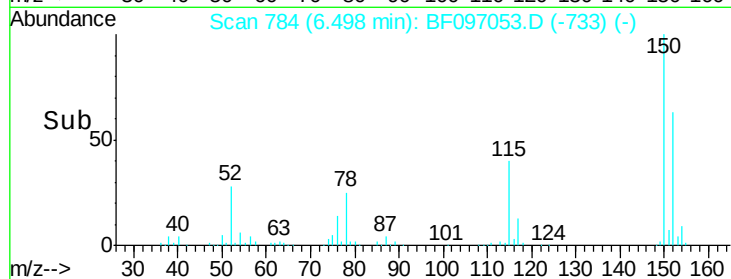
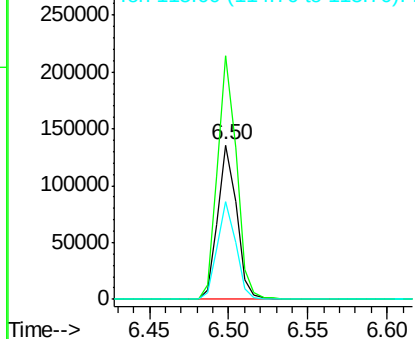
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.50 min Scan# 784
Delta R.T. -0.00 min
Lab File: BF097053.D
Acq: 26 Jul 2017 3:21

Instrument :
BNA_F
ClientSampleId :

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



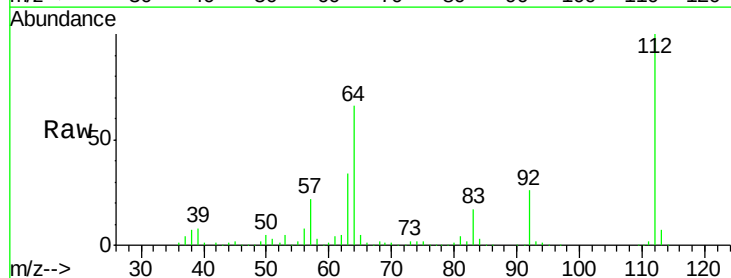
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



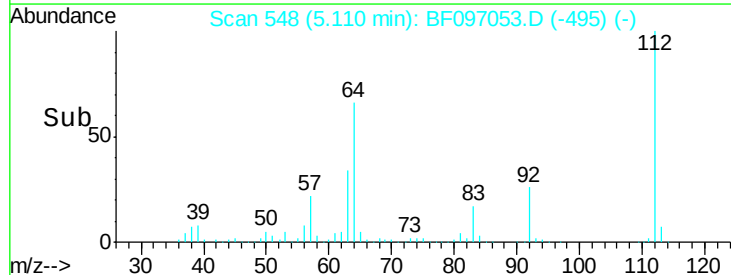
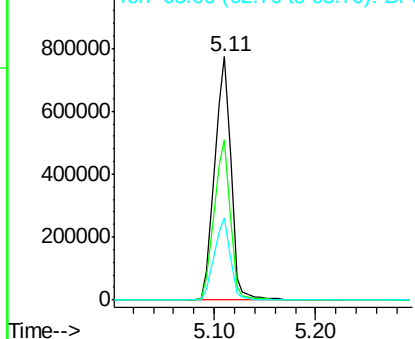
#5

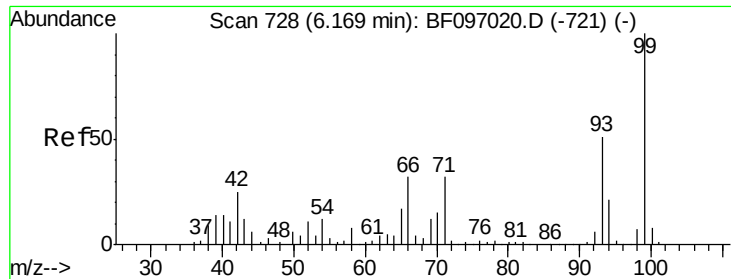
2-Fluorophenol
Concen: 115.61 ng
RT: 5.11 min Scan# 548
Delta R.T. 0.01 min
Lab File: BF097053.D
Acq: 26 Jul 2017 3:21

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

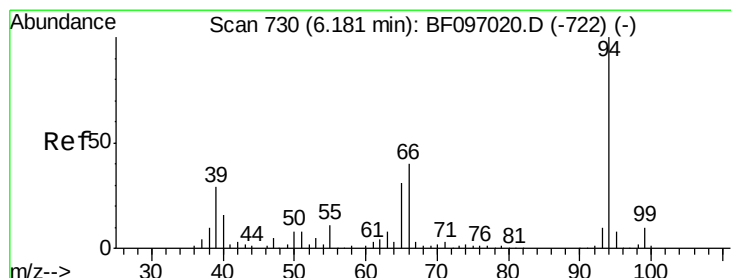
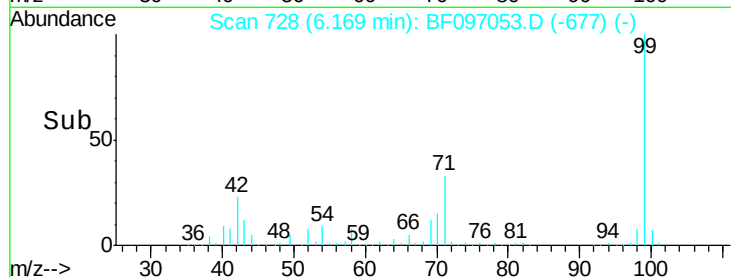
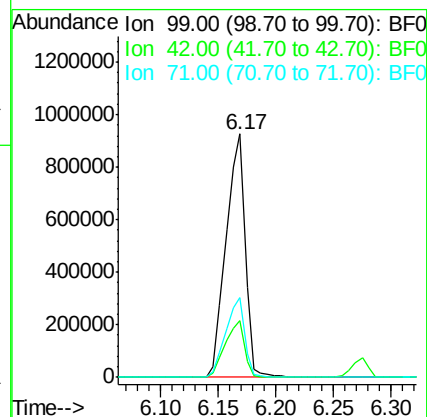
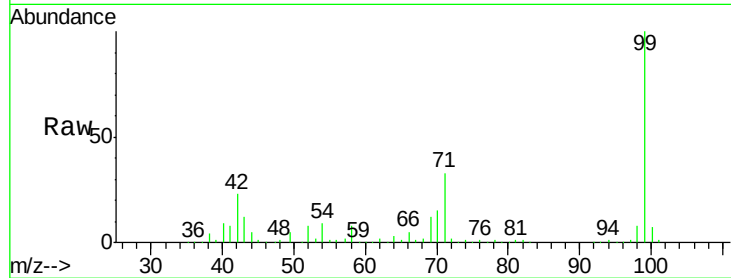
Instrument :

BNA_F

ClientSampleId :

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



#10

Phenol

Concen: 2.46 ng

RT: 6.17 min Scan# 729

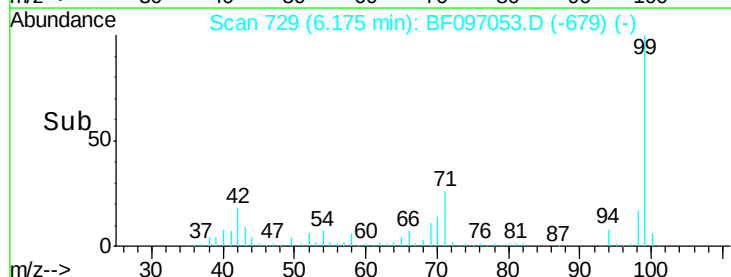
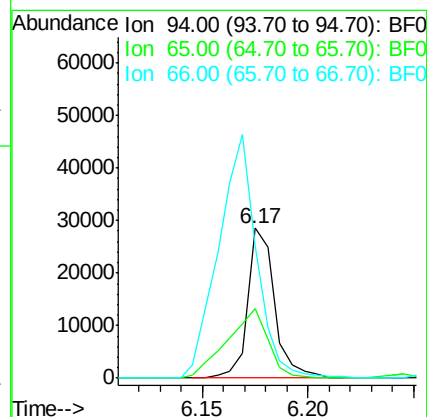
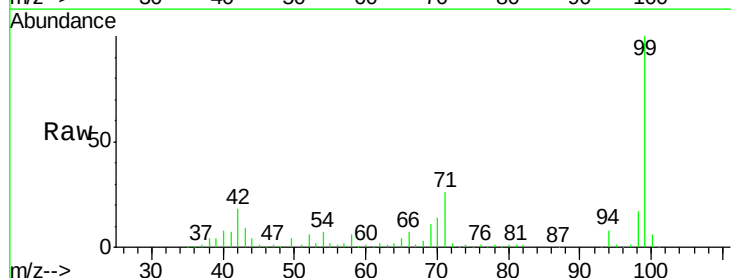
Delta R.T. -0.01 min

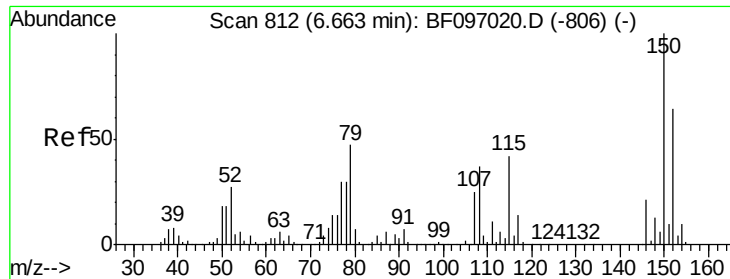
Lab File: BF097053.D

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#

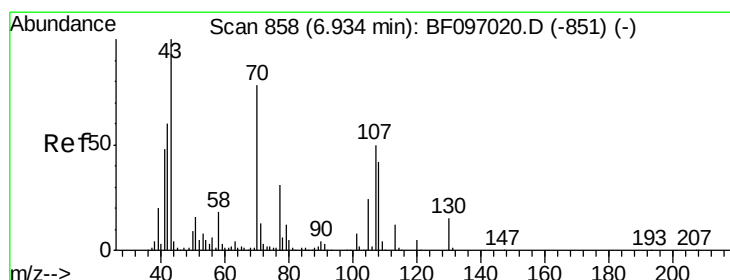
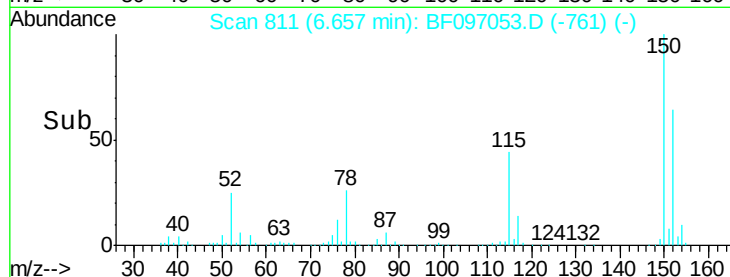
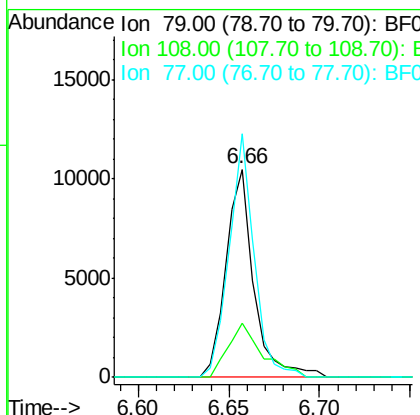
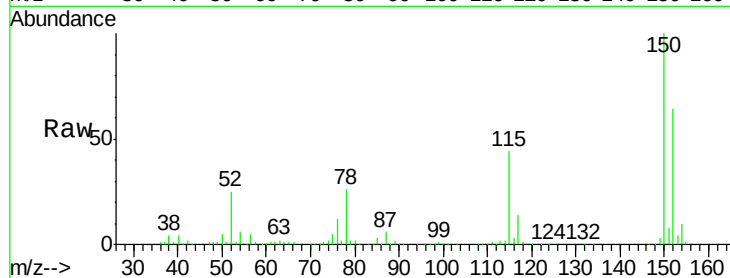




#15
Benzyl Alcohol
Concen: 2.08 ng
RT: 6.66 min Scan# 811
Delta R.T. -0.01 min
Lab File: BF097053.D
Acq: 26 Jul 2017 3:21

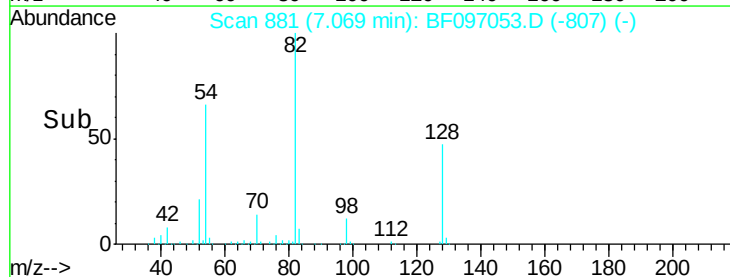
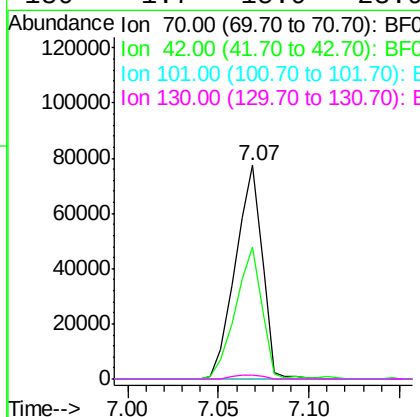
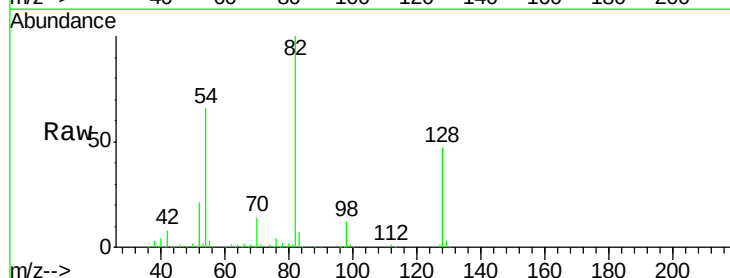
Instrument :
BNA_F
ClientSampled :

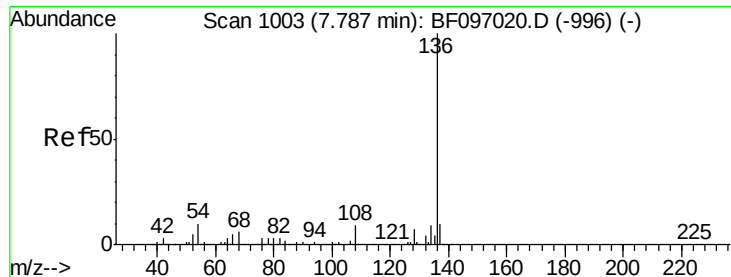
Tot Ion: 79 Resp: 11268
Ion Ratio Lower Upper
79 100
108 26.0 63.4 95.0#
77 117.1 49.2 73.8#



#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#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.78 min Scan# 1002

Delta R.T. -0.01 min

Lab File: BF097053.D

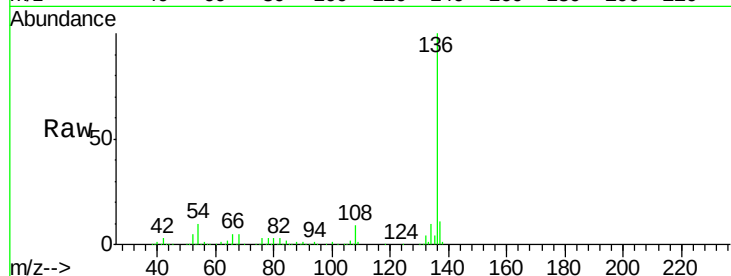
Acq: 26 Jul 2017 3:21

Instrument :

BNA_F

ClientSampleId :

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

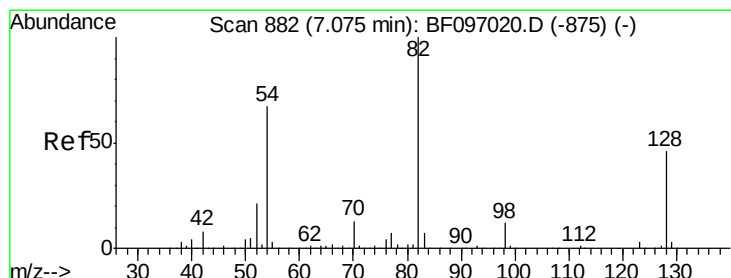
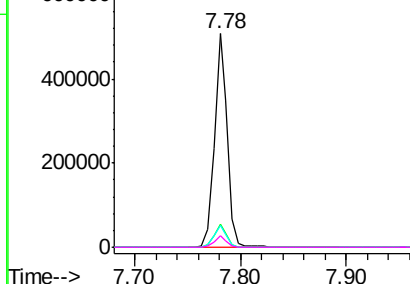
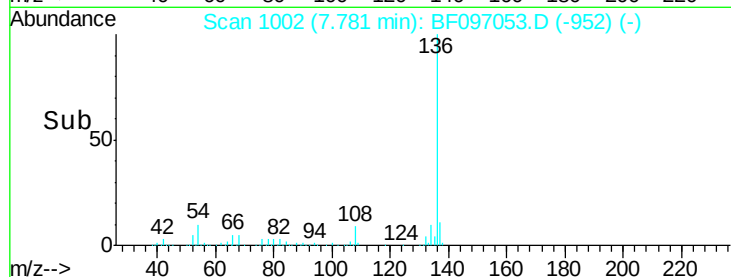


Abundance Ion 136.00 (135.70 to 136.70): E

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

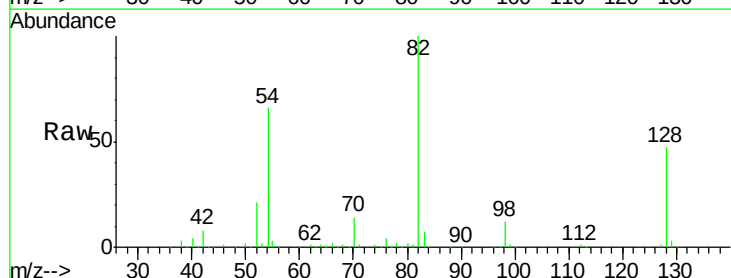
RT: 7.07 min Scan# 881

Delta R.T. -0.01 min

Lab File: BF097053.D

Acq: 26 Jul 2017 3:21

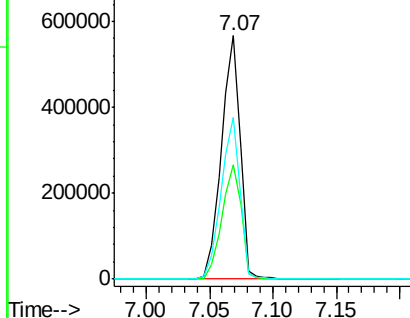
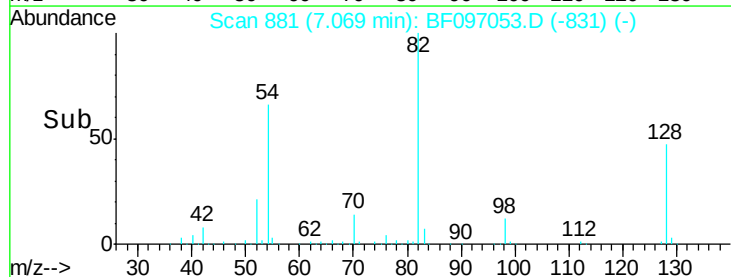
Tgt Ion: 82	Resp:	587989
Ion Ratio	Lower	Upper
82	100	
128	47.1	34.0 51.0
54	66.4	42.2 63.2#

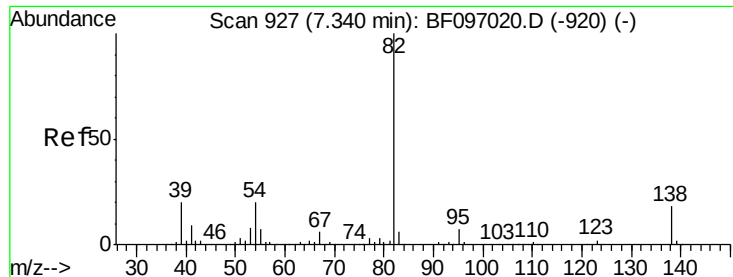


Abundance Ion 82.00 (81.70 to 82.70): BF0

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 :

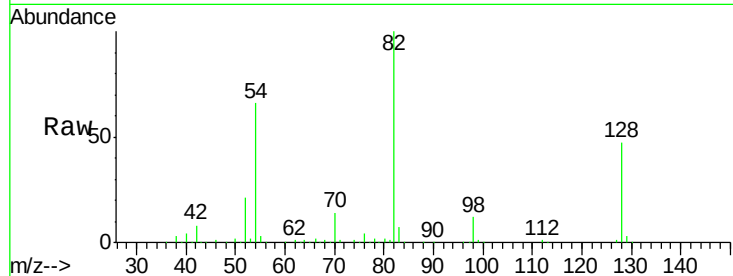
Tot Ion: 82 Resp: 583183

Ion Ratio Lower Upper

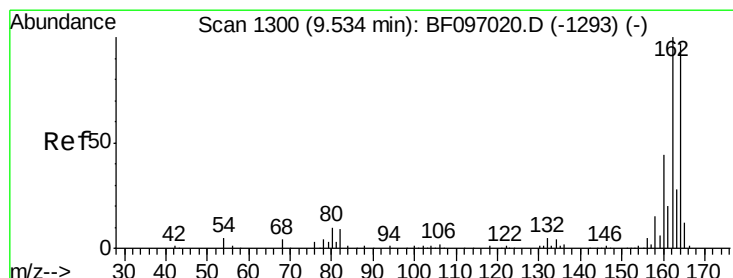
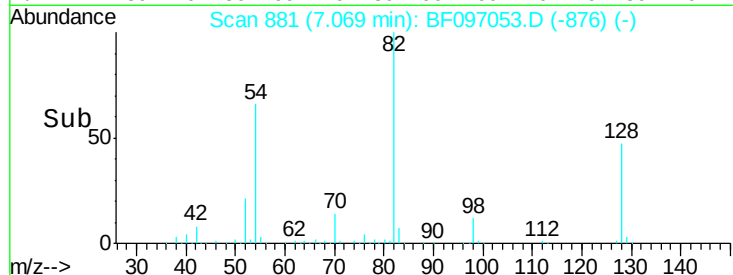
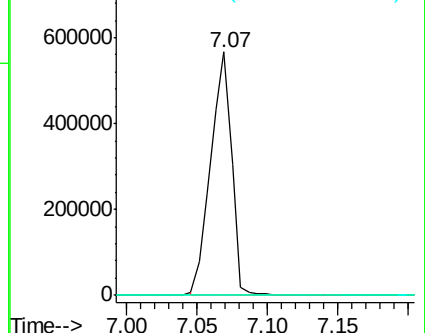
82 100

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

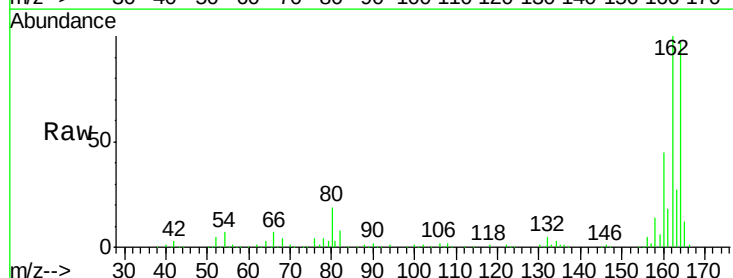
Tgt Ion: 164 Resp: 162595

Ion Ratio Lower Upper

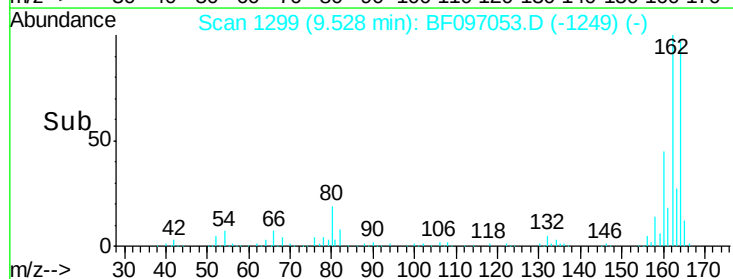
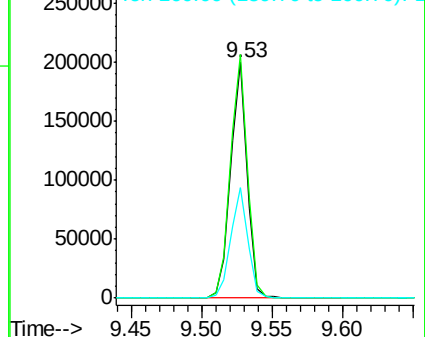
164 100

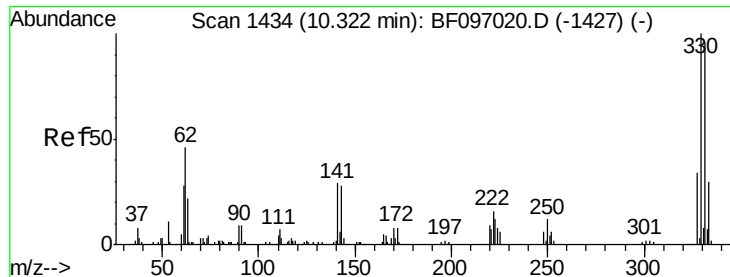
162 103.5 82.6 123.8

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 :

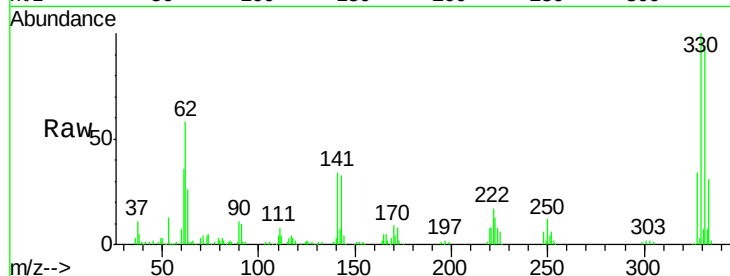
Tot Ion:330 Resp: 152771

Ion Ratio Lower Upper

330 100

332 95.2 76.6 115.0

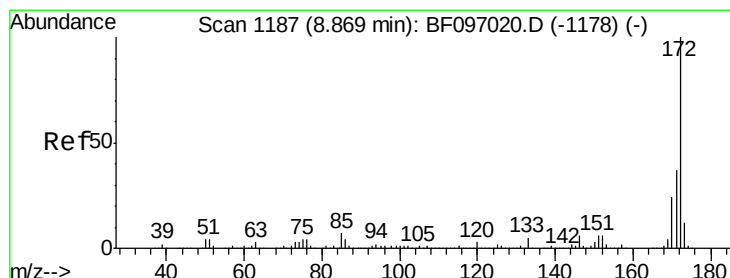
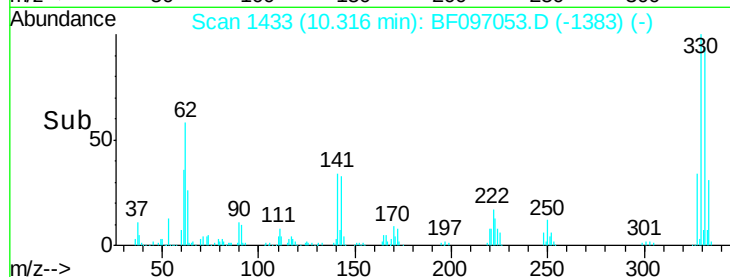
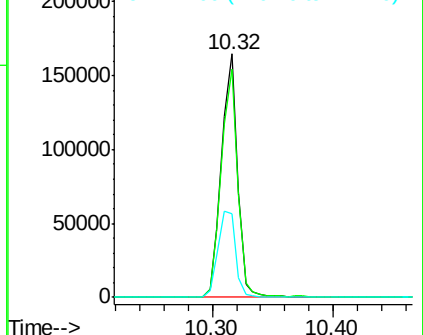
141 38.4 31.4 47.2



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: 94.40 ng

RT: 8.86 min Scan# 1186

Delta R.T. -0.01 min

Lab File: BF097053.D

Acq: 26 Jul 2017 3:21

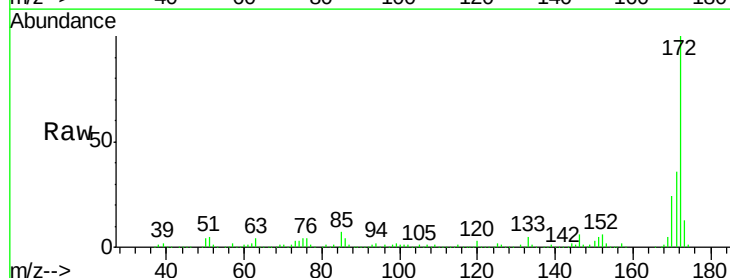
Tgt Ion:172 Resp: 904442

Ion Ratio Lower Upper

172 100

171 36.4 29.6 44.4

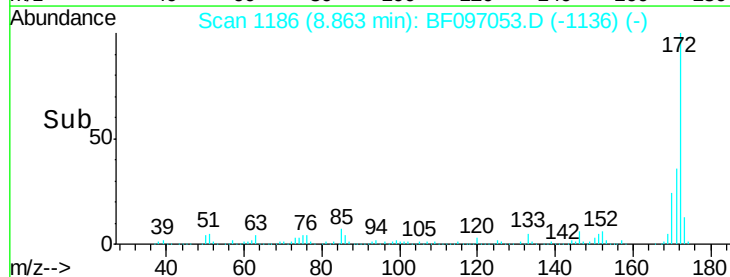
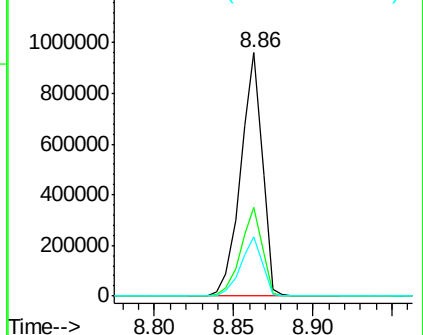
170 24.3 19.8 29.8

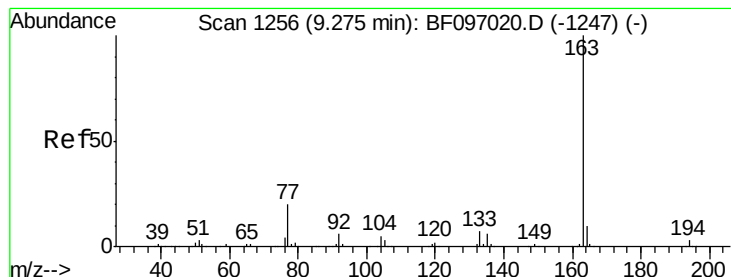


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 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 :

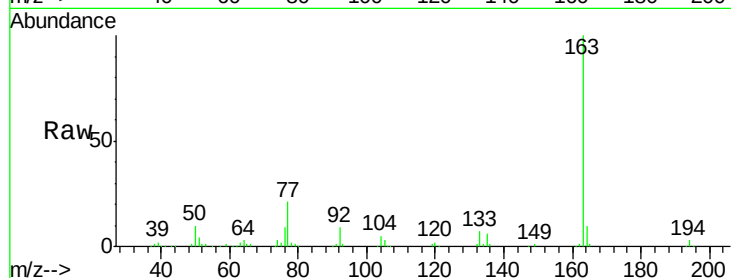
Tot Ion:163 Resp: 205654

Ion Ratio Lower Upper

163 100

194 3.1 2.6 4.0

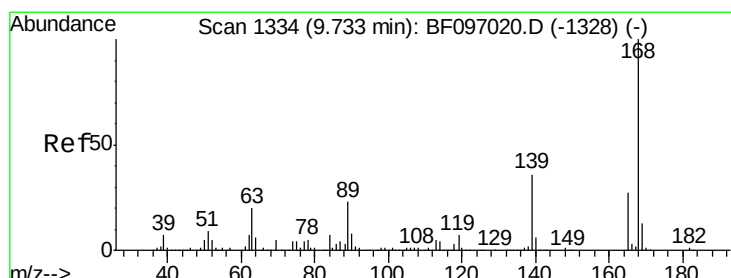
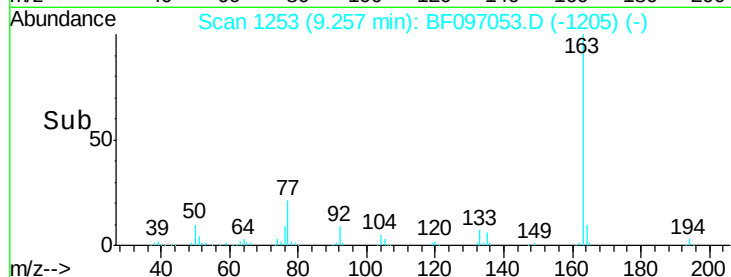
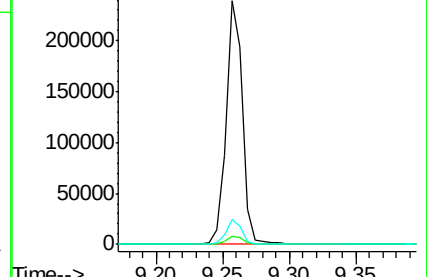
164 10.1 8.4 12.6



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: 6.95 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:165 Resp: 20936

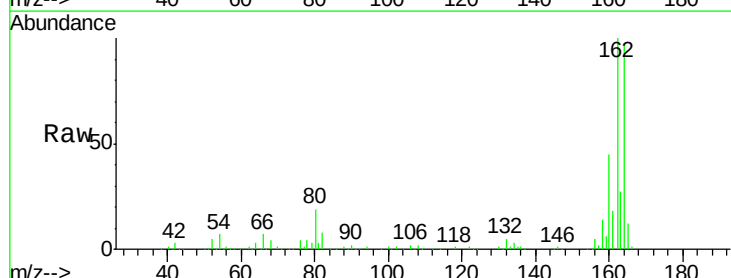
Ion Ratio Lower Upper

165 100

63 1.2 25.4 38.0#

89 1.2 46.4 69.6#

182 0.0 1.8 2.6#

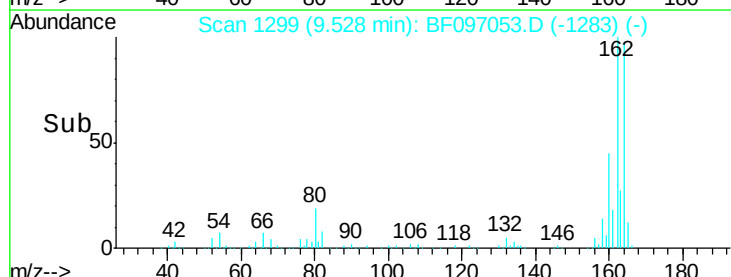
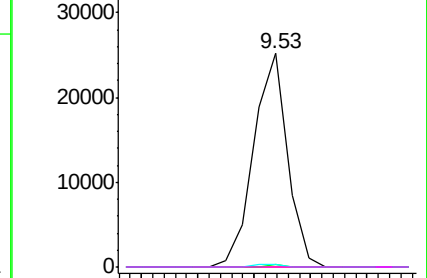


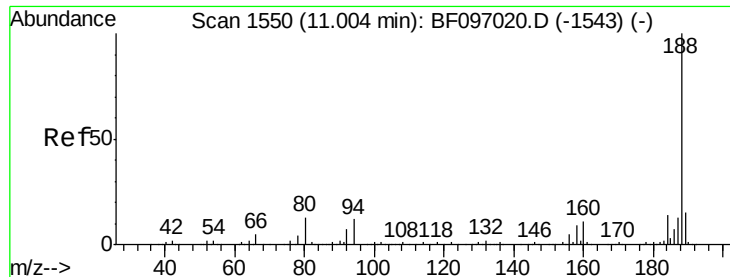
Abundance Ion 165.00 (164.70 to 165.70): E

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

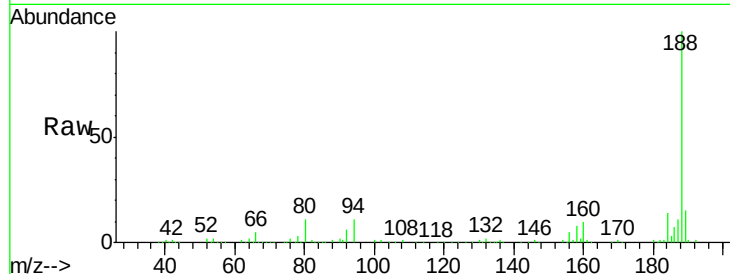




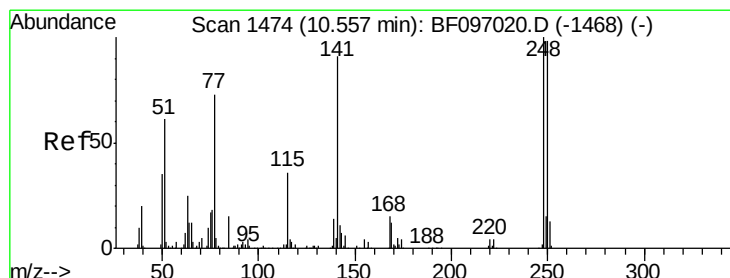
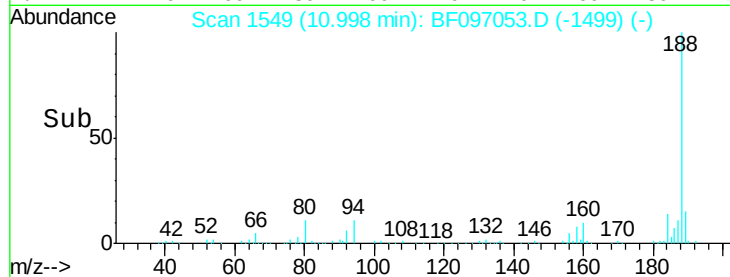
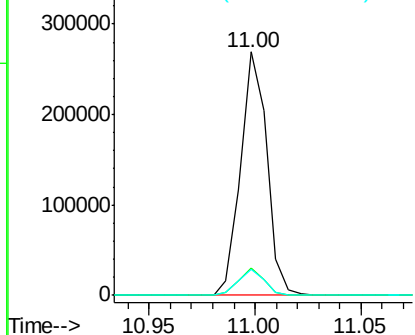
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.00 min Scan# 1549
Delta R.T. -0.01 min
Lab File: BF097053.D
Acq: 26 Jul 2017 3:21

Instrument :
BNA_F
ClientSampleId :

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

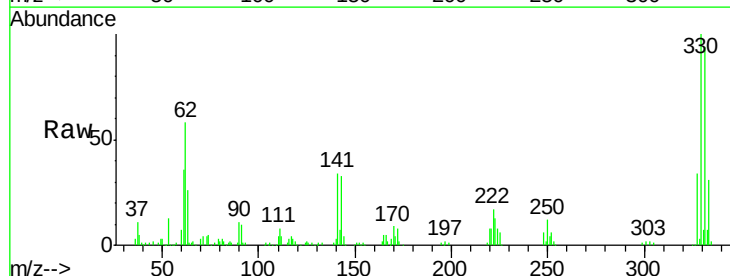


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

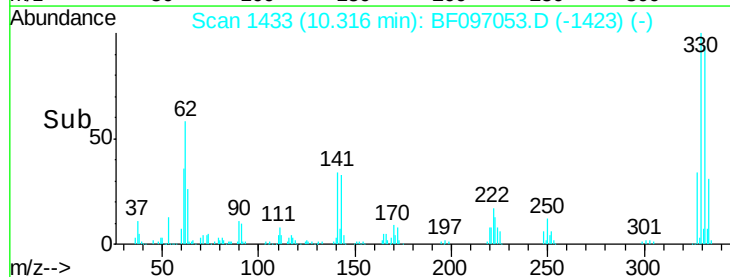
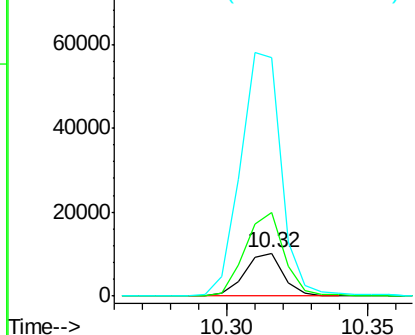


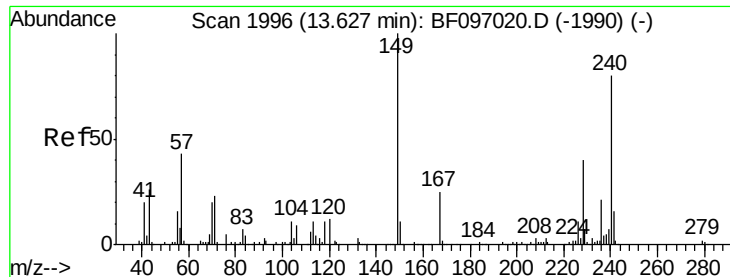
#66
4-Bromophenyl-phenylether
Concen: 4.18 ng
RT: 10.32 min Scan# 1433
Delta R.T. -0.24 min
Lab File: BF097053.D
Acq: 26 Jul 2017 3:21

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 :

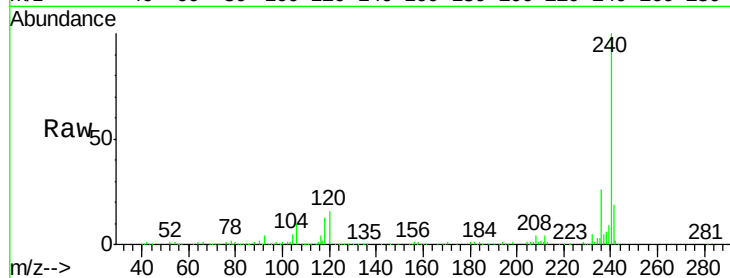
Tot Ion:240 Resp: 195771

Ion Ratio Lower Upper

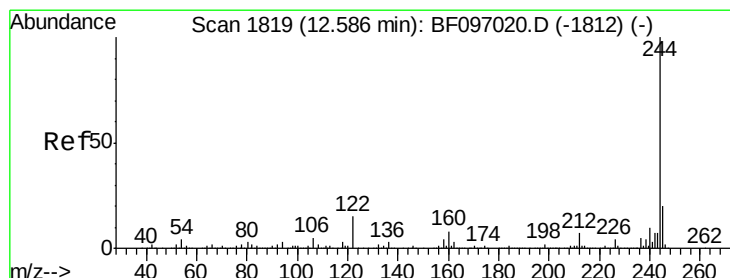
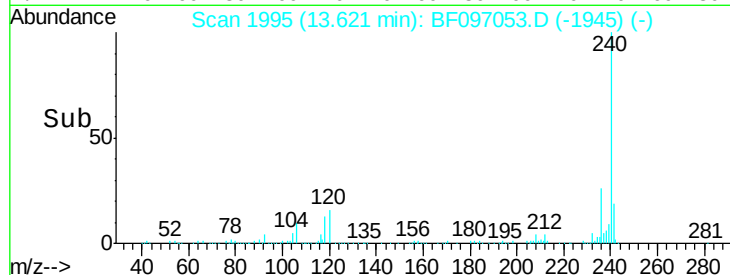
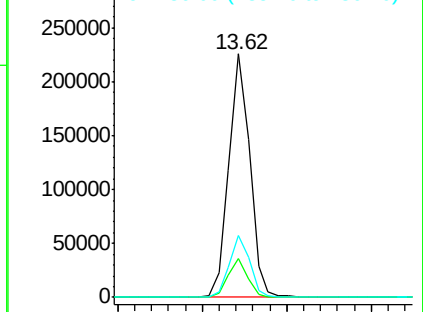
240 100

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

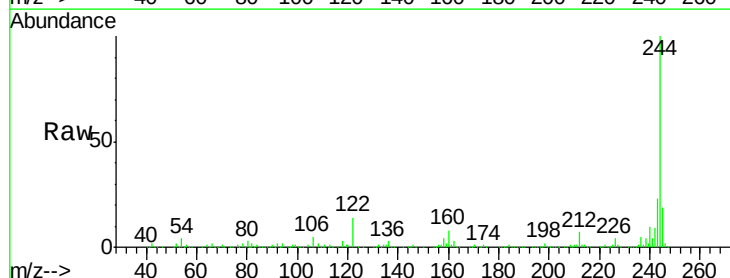
Tgt Ion:244 Resp: 552138

Ion Ratio Lower Upper

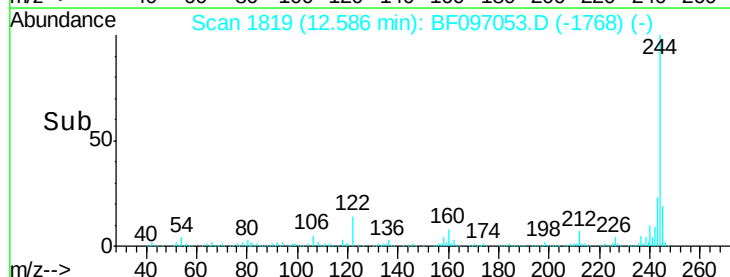
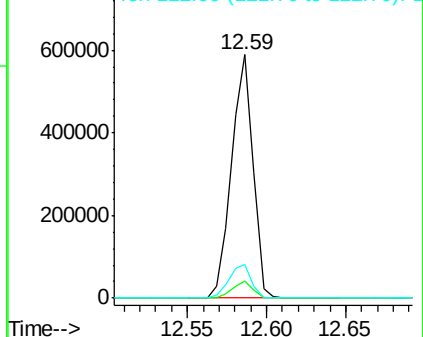
244 100

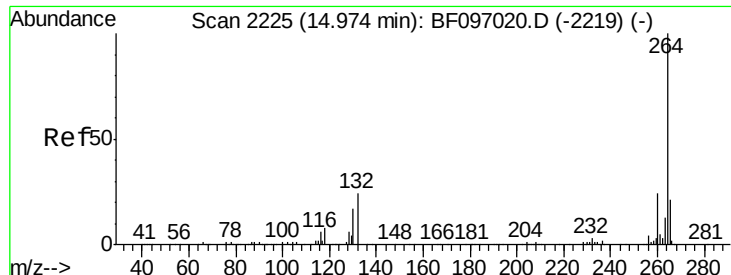
212 6.8 6.0 9.0

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

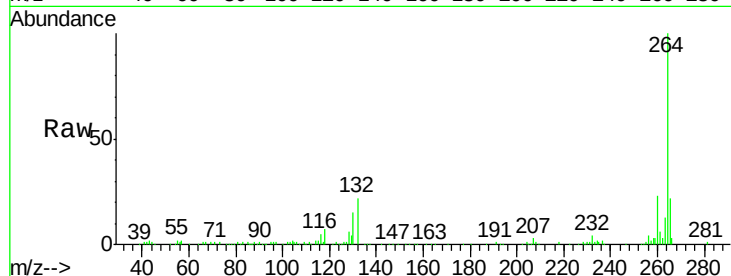




#86
Pervlone-d12
Concen: 20.00 ng
RT: 14.97 min Scan# 2225
Delta R.T. -0.00 min
Lab File: BF097053.D
Acq: 26 Jul 2017 3:21

Instrument :
BNA_F
ClientSampleId :

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



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

