

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072617\
 Data File : BF097097.D
 Acq On : 27 Jul 2017 1:24
 Operator : SJ/JU
 Sample : I4359-03
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 27 08:21:23 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

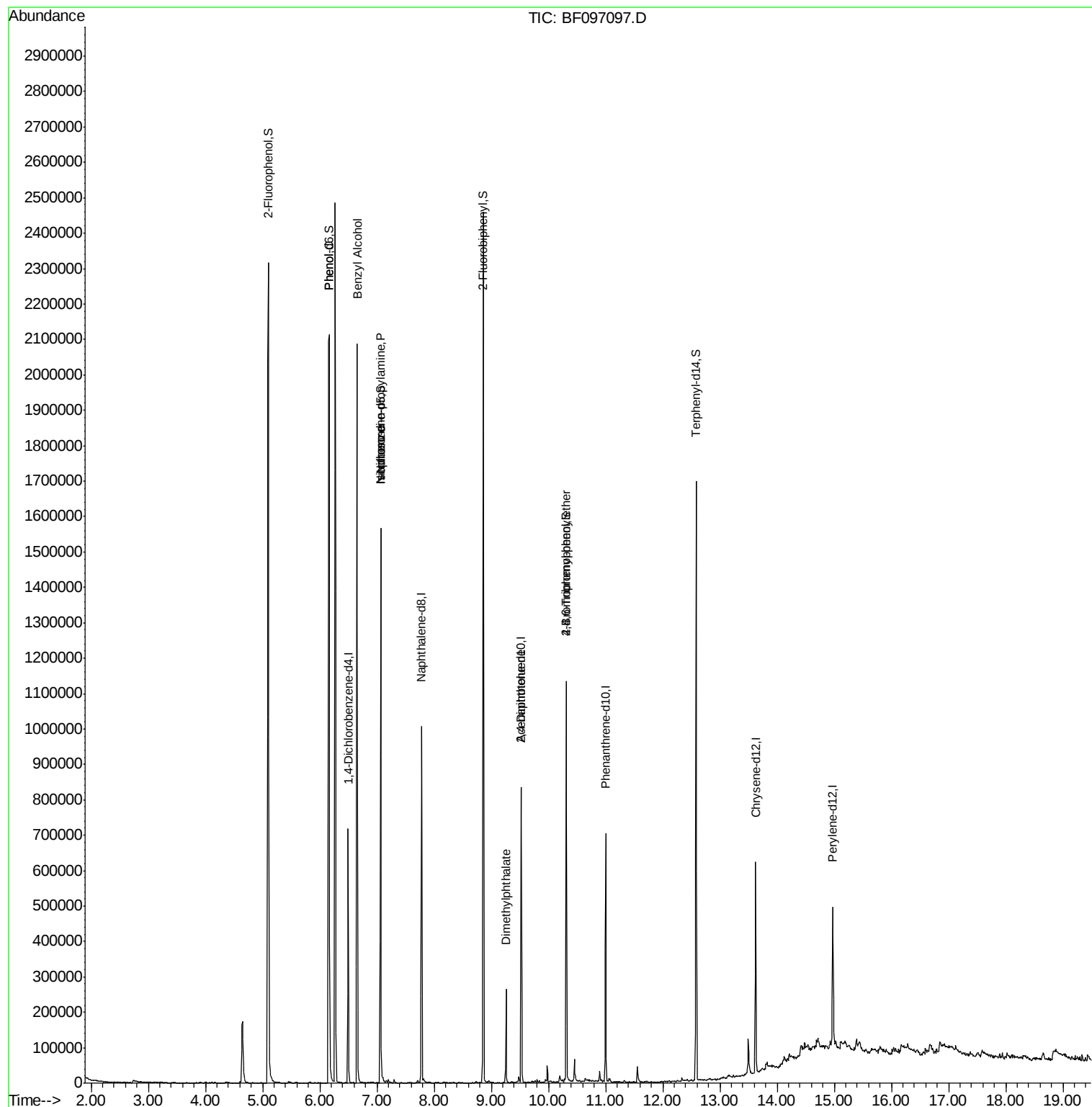
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.49	152	107669	20.00	ng	0.00
21) Naphthalene-d8	7.78	136	446229	20.00	ng	0.00
38) Acenaphthene-d10	9.52	164	163557	20.00	ng	-0.01
63) Phenanthrene-d10	11.00	188	229310	20.00	ng	0.00
75) Chrysene-d12	13.62	240	201661	20.00	ng	0.00
86) Perylene-d12	14.97	264	153139	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.10	112	700167	98.03	ng	0.00
7) Phenol-d6	6.16	99	814466	99.89	ng	0.00
23) Nitrobenzene-d5	7.06	82	468694	61.62	ng	-0.01
41) 2,4,6-Tribromophenol	10.31	330	120676	93.38	ng	-0.01
44) 2-Fluorobiphenyl	8.86	172	761315	79.00	ng	-0.01
78) Terphenyl-d14	12.59	244	511873	51.75	ng	0.00
Target Compounds						
10) Phenol	6.17	94	28951	2.993	ng	95
15) Benzyl Alcohol	6.65	79	10505	2.035	ng	# 38
19) n-Nitroso-di-n-propylamine	7.06	70	62222	11.593	ng	# 84
25) Isophorone	7.06	82	459662	30.857	ng	# 67
49) Dimethylphthalate	9.26	163	102010	8.213	ng	99
56) 2,4-Dinitrotoluene	9.52	165	21227	7.010	ng	# 32
66) 4-Bromophenyl-phenylether	10.31	248	7531	3.291	ng	# 1

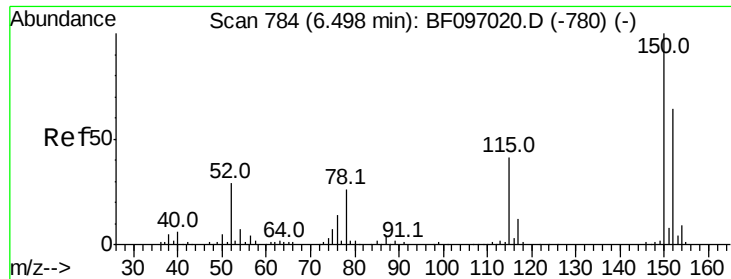
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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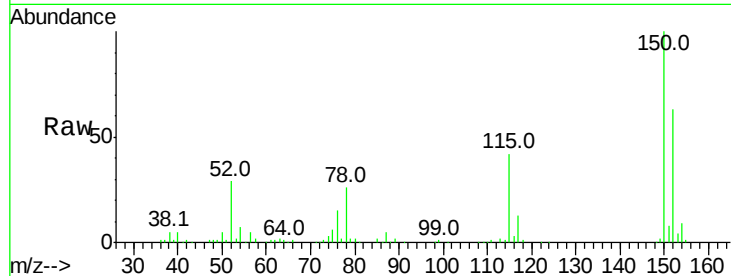


#1

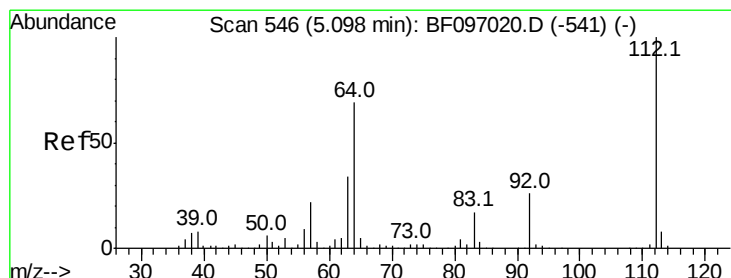
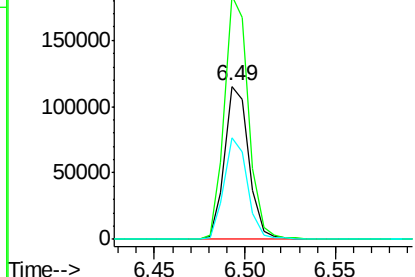
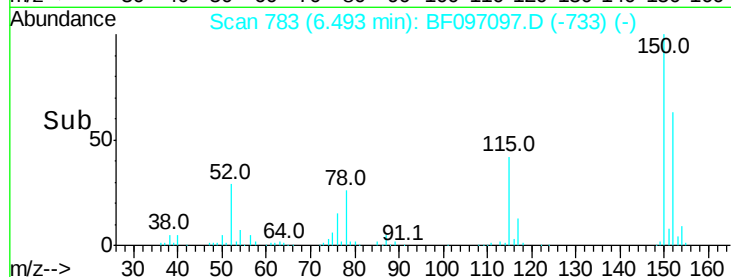
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.49 min Scan# 783
 Delta R.T. -0.01 min
 Lab File: BF097097.D
 Acq: 27 Jul 2017 1:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 107669
 Ion Ratio Lower Upper
 152 100
 150 159.0 126.2 189.2
 115 66.5 52.2 78.2



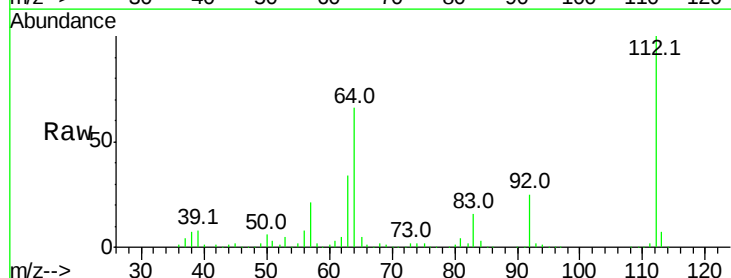
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



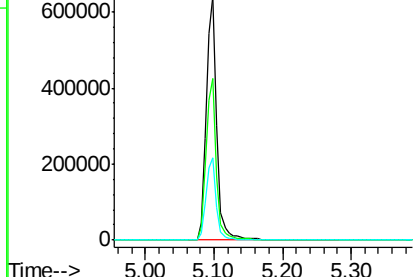
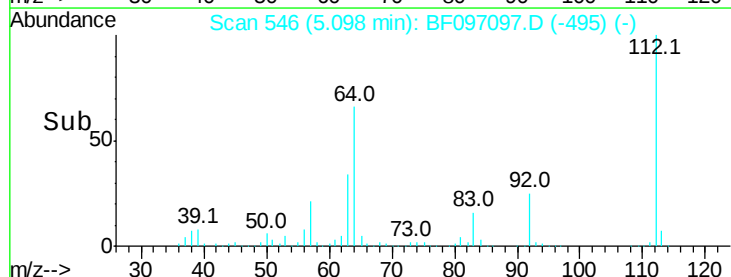
#5

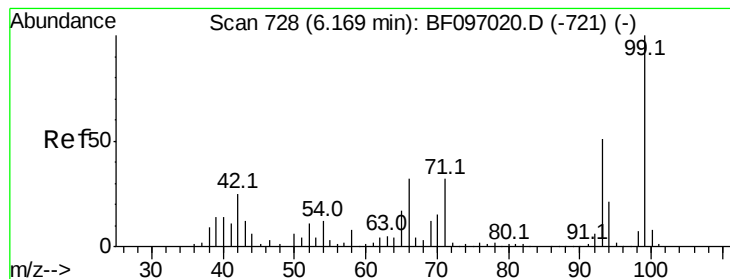
2-Fluorophenol
 Concen: 98.031 ng
 RT: 5.10 min Scan# 546
 Delta R.T. 0.00 min
 Lab File: BF097097.D
 Acq: 27 Jul 2017 1:24

Tgt Ion:112 Resp: 700167
 Ion Ratio Lower Upper
 112 100
 64 66.3 46.0 69.0
 63 33.7 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: 99.888 ng

RT: 6.16 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF097097.D

Acq: 27 Jul 2017 1:24

Instrument :

BNA_F

ClientSampled :

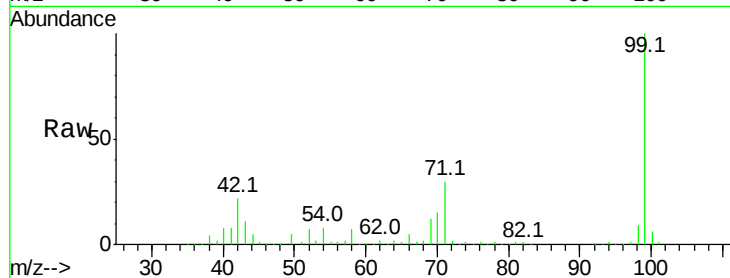
Tot Ion: 99 Resp: 814466

Ion Ratio Lower Upper

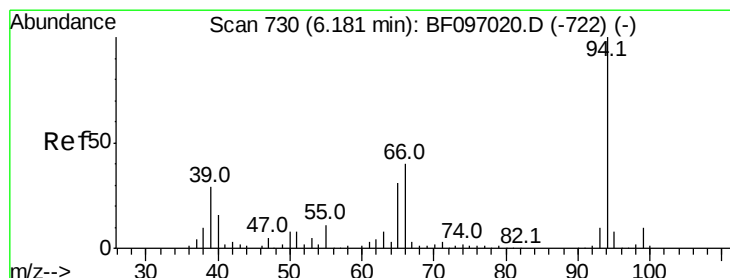
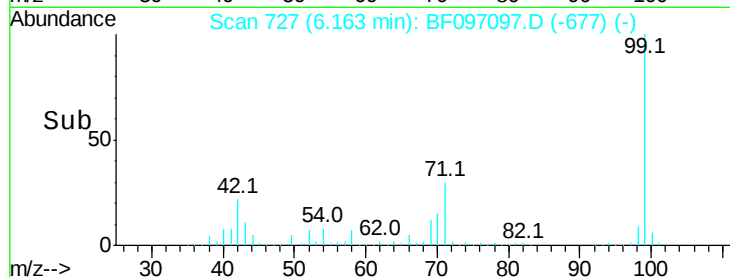
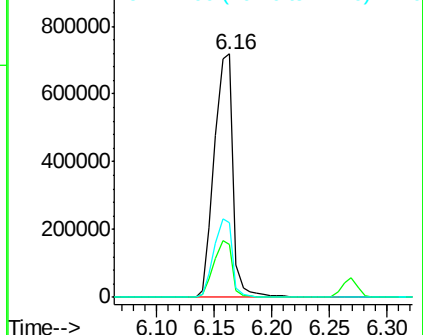
99 100

42 21.8 13.5 20.3#

71 30.5 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: 2.993 ng

RT: 6.17 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF097097.D

Acq: 27 Jul 2017 1:24

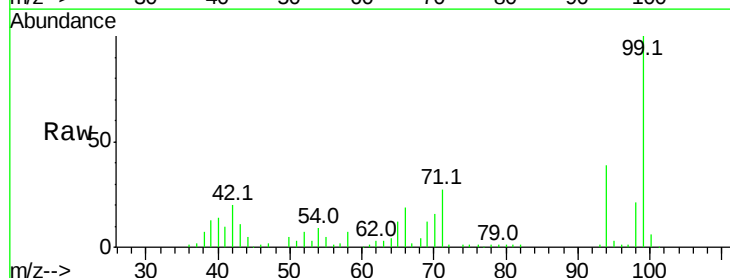
Tgt Ion: 94 Resp: 28951

Ion Ratio Lower Upper

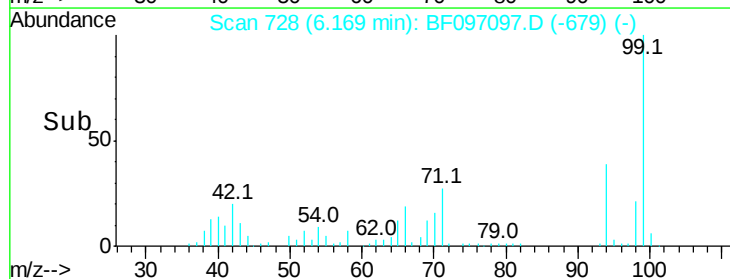
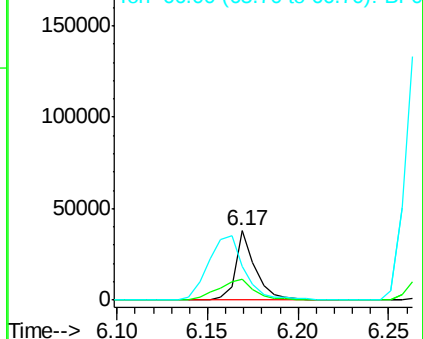
94 100

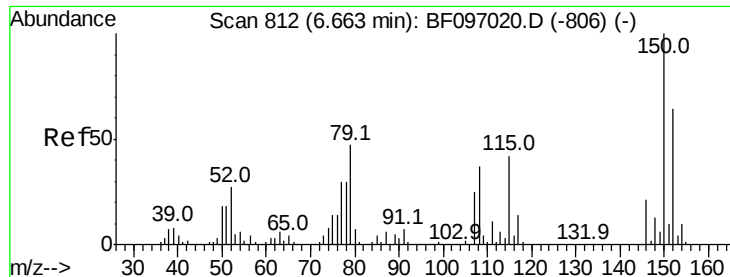
65 29.9 9.9 49.9

66 48.1 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

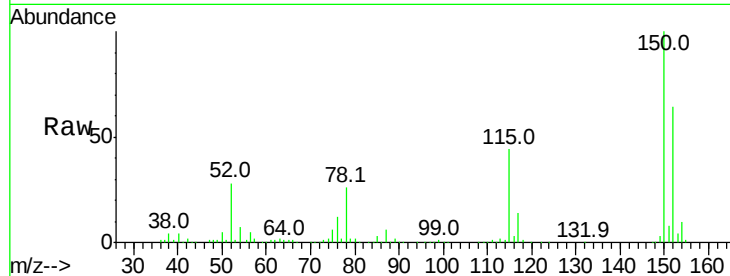




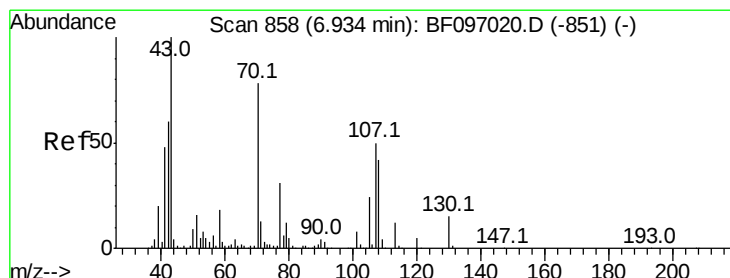
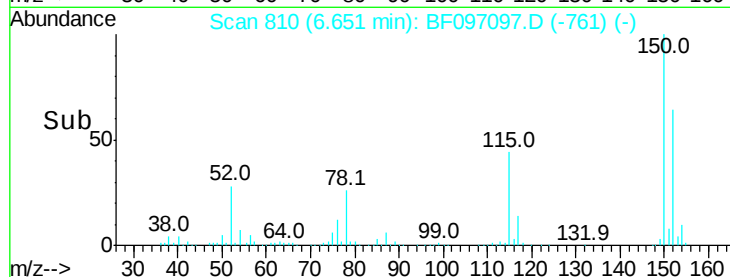
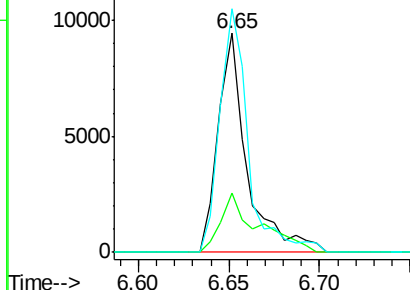
#15
Benzyl Alcohol
Concen: 2.035 ng
RT: 6.65 min Scan# 810
Delta R.T. -0.01 min
Lab File: BF097097.D
Acq: 27 Jul 2017 1:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 79 Resp: 10505
Ion Ratio Lower Upper
79 100
108 27.1 63.4 95.0#
77 111.3 49.2 73.8#



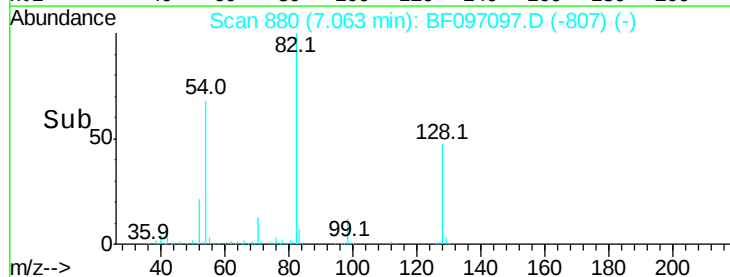
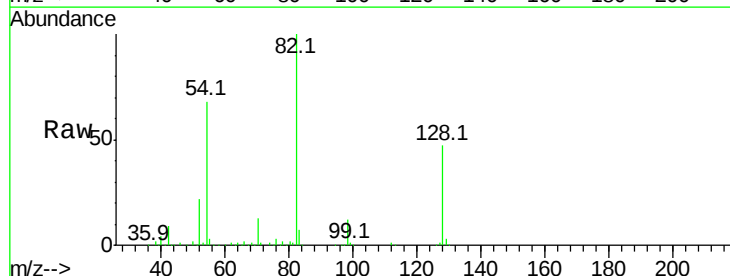
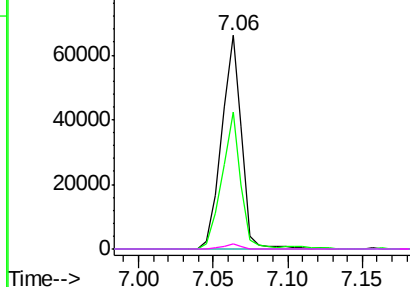
Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): BF0
Ion 77.00 (76.70 to 77.70): BF0

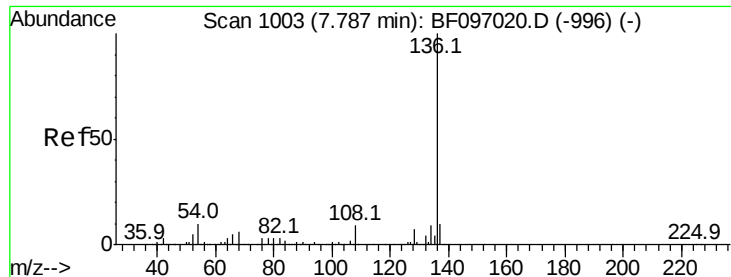


#19
n-Nitroso-di-n-propylamine
Concen: 11.593 ng
RT: 7.06 min Scan# 880
Delta R.T. 0.13 min
Lab File: BF097097.D
Acq: 27 Jul 2017 1:24

Tgt Ion: 70 Resp: 62222
Ion Ratio Lower Upper
70 100
42 63.9 47.2 70.8
101 0.0 7.2 10.8#
130 2.2 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

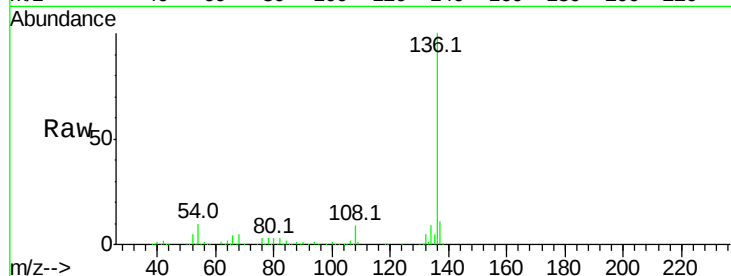




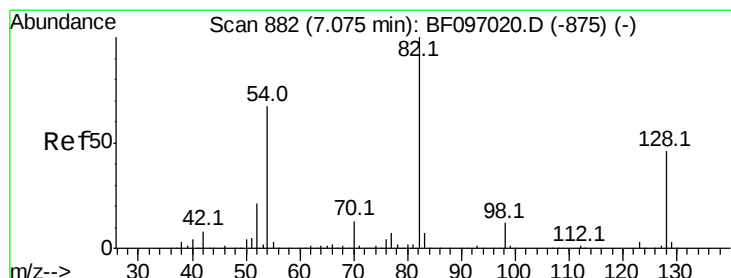
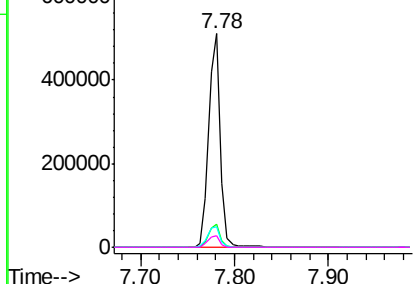
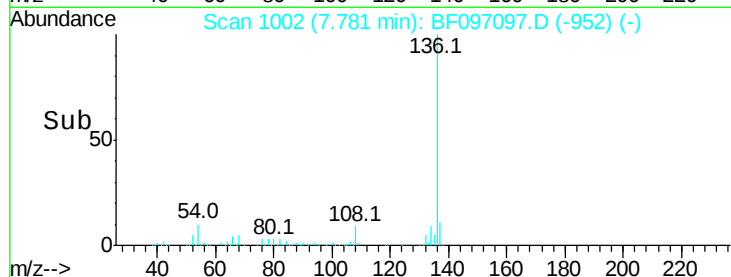
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.78 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BF097097.D
Acq: 27 Jul 2017 1:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	446229
Ion	Ratio	Lower Upper
136	100	
137	10.5	8.5 12.7
54	9.7	4.9 7.3#
68	5.2	4.1 6.1

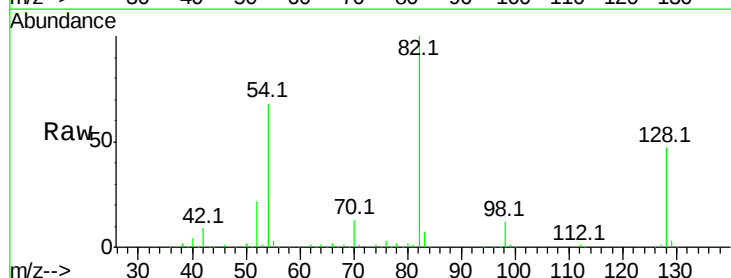


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

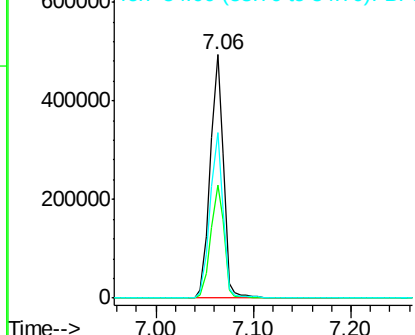
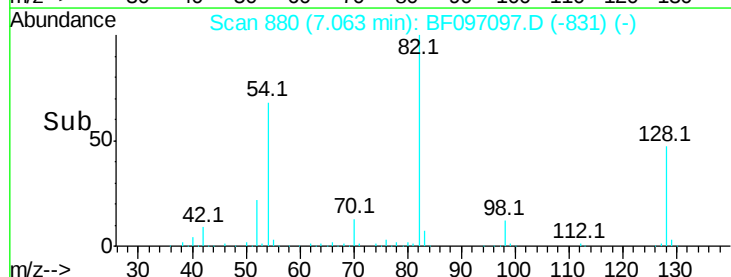


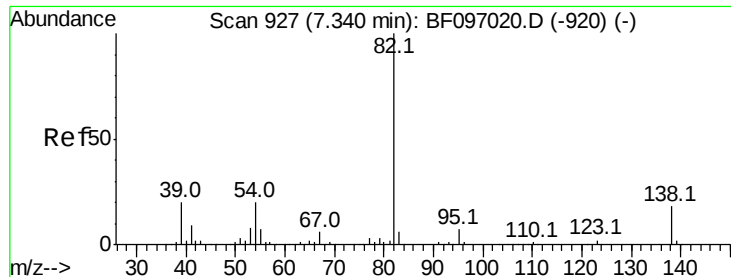
#23
Nitrobenzene-d5
Concen: 61.617 ng
RT: 7.06 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF097097.D
Acq: 27 Jul 2017 1:24

Tgt Ion: 82	Resp:	468694
Ion	Ratio	Lower Upper
82	100	
128	46.6	34.0 51.0
54	67.9	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: 30.857 ng

RT: 7.06 min Scan# 880

Delta R.T. -0.28 min

Lab File: BF097097.D

Acq: 27 Jul 2017 1:24

Instrument :

BNA_F

ClientSampleId :

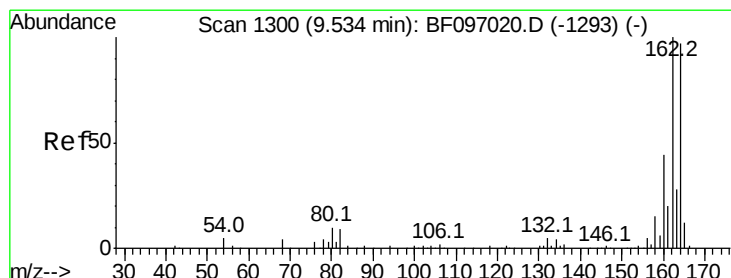
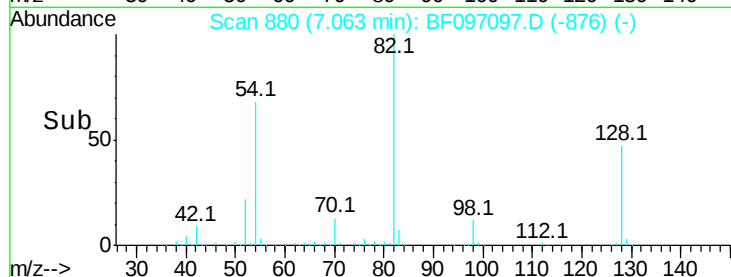
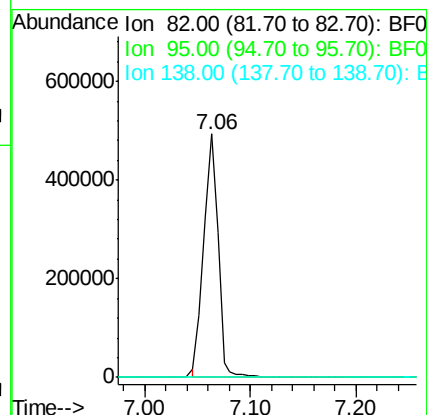
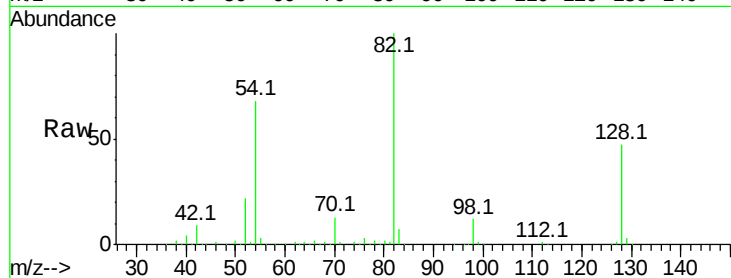
Tot Ion: 82 Resp: 459662

Ion Ratio Lower Upper

82 100

95 0.0 5.3 7.9#

138 0.0 13.1 19.7#



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.52 min Scan# 1298

Delta R.T. -0.01 min

Lab File: BF097097.D

Acq: 27 Jul 2017 1:24

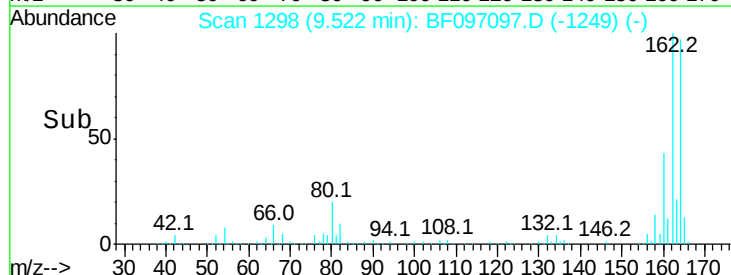
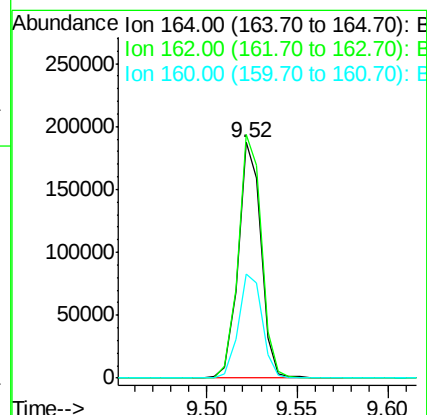
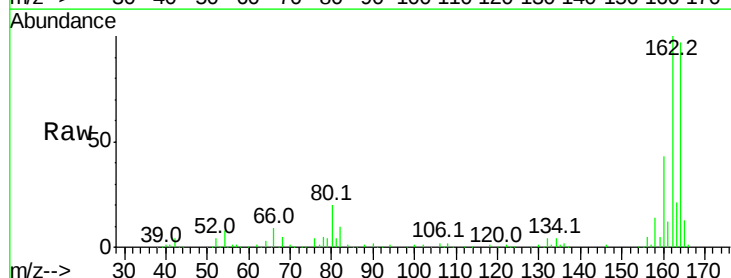
Tgt Ion: 164 Resp: 163557

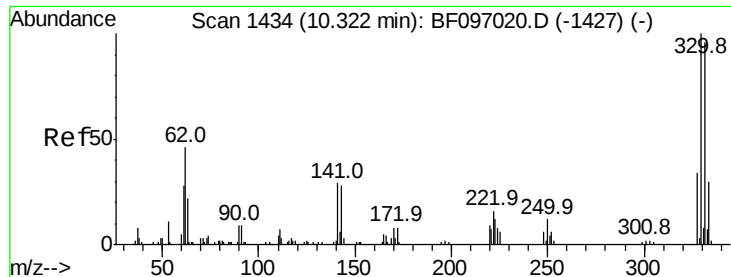
Ion Ratio Lower Upper

164 100

162 103.4 82.6 123.8

160 44.0 36.2 54.2

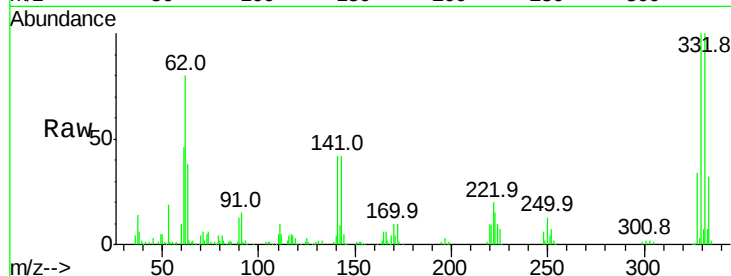




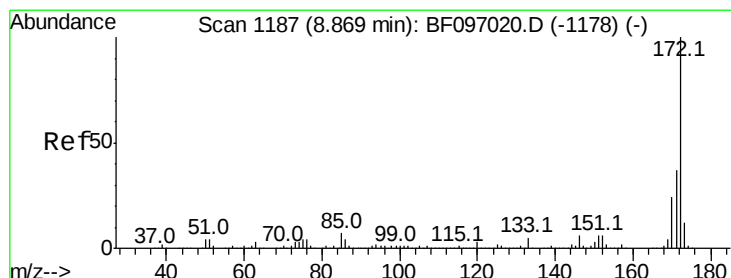
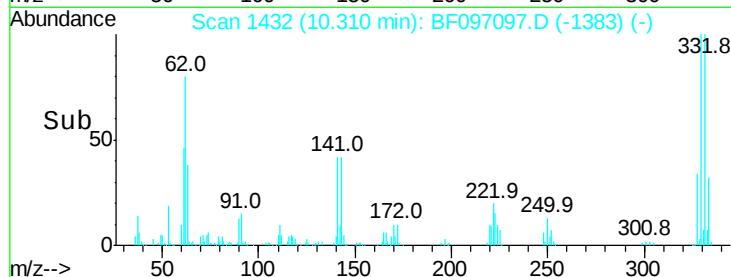
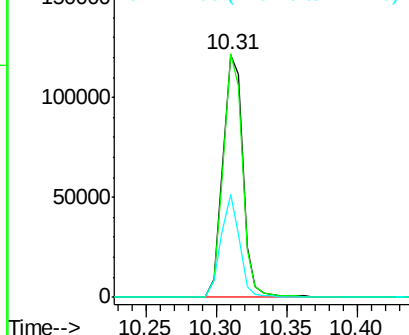
#41
 2,4,6-Tribromophenol
 Concen: 93.384 ng
 RT: 10.31 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF097097.D
 Acq: 27 Jul 2017 1:24

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.6	115.0
141	39.2	31.4	47.2

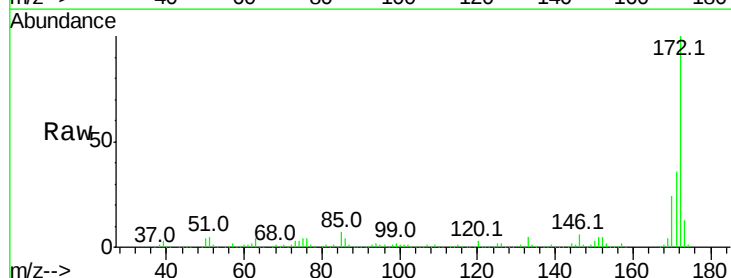


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

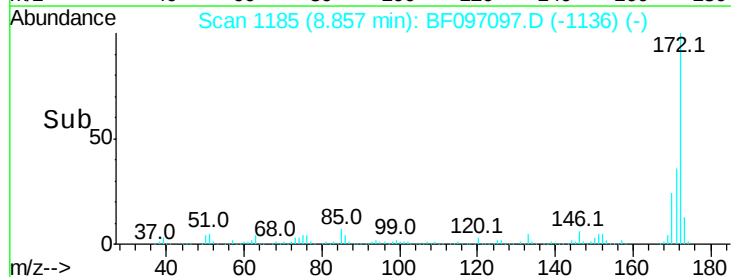
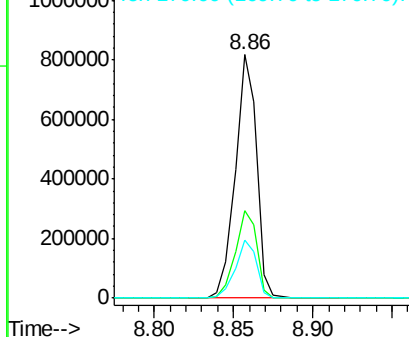


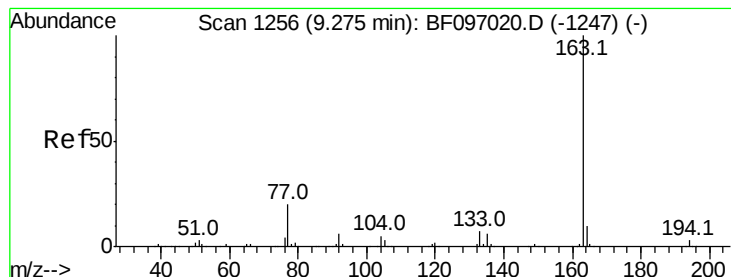
#44
 2-Fluorobiphenyl
 Concen: 78.995 ng
 RT: 8.86 min Scan# 1185
 Delta R.T. -0.01 min
 Lab File: BF097097.D
 Acq: 27 Jul 2017 1:24

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.6	44.4
170	23.7	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: 8.213 ng

RT: 9.26 min Scan# 1253

Delta R.T. -0.02 min

Lab File: BF097097.D

Acq: 27 Jul 2017 1:24

Instrument :

BNA_F

ClientSampleId :

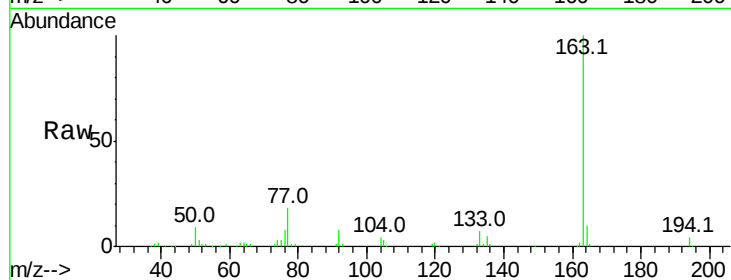
Tot Ion:163 Resp: 102010

Ion Ratio Lower Upper

163 100

194 3.8 2.6 4.0

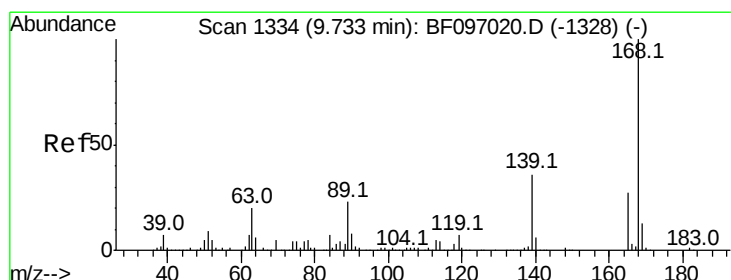
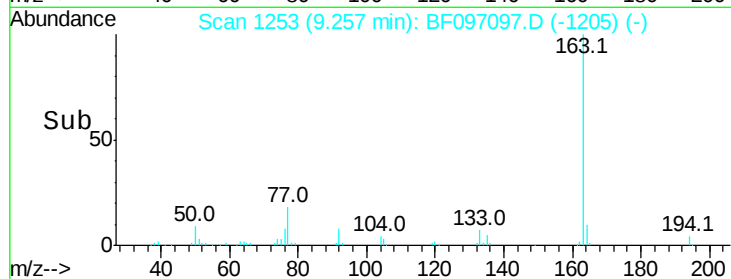
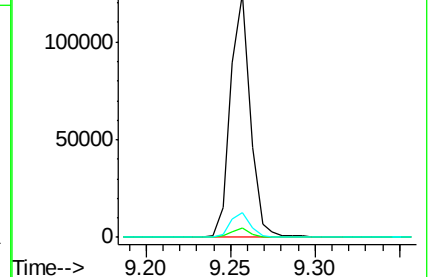
164 10.0 8.4 12.6



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: 7.010 ng

RT: 9.52 min Scan# 1298

Delta R.T. -0.21 min

Lab File: BF097097.D

Acq: 27 Jul 2017 1:24

Tgt Ion:165 Resp: 21227

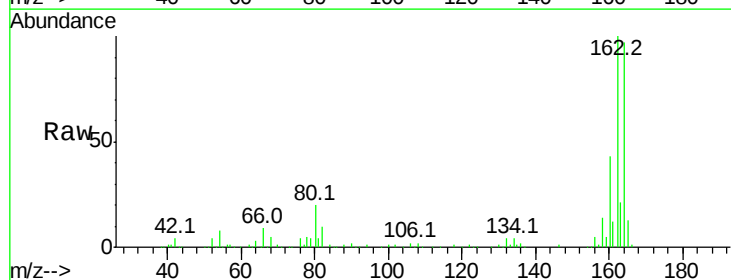
Ion Ratio Lower Upper

165 100

63 1.4 25.4 38.0#

89 0.0 46.4 69.6#

182 0.0 1.8 2.6#

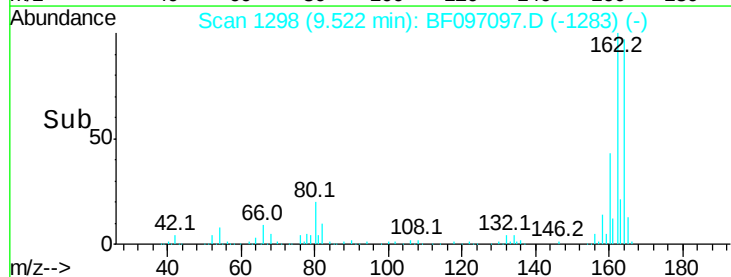
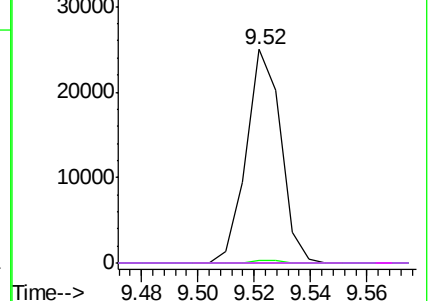


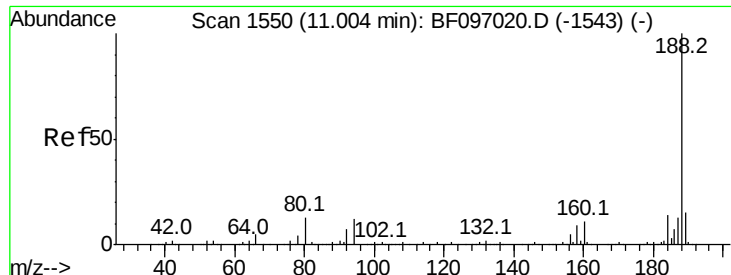
Abundance Ion 165.00 (164.70 to 165.70): E

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

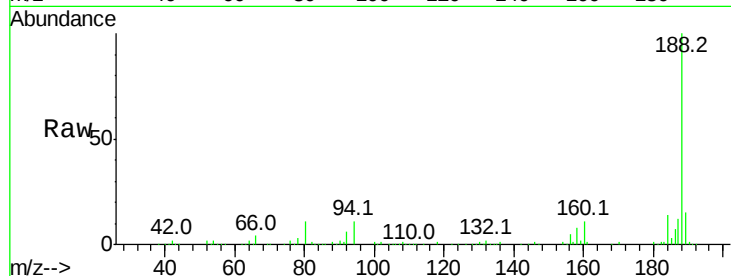




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.00 min Scan# 1549
Delta R.T. -0.01 min
Lab File: BF097097.D
Acq: 27 Jul 2017 1:24

Instrument :
BNA_F
ClientSampleId :

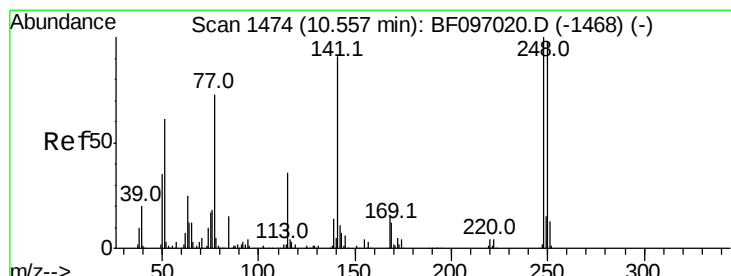
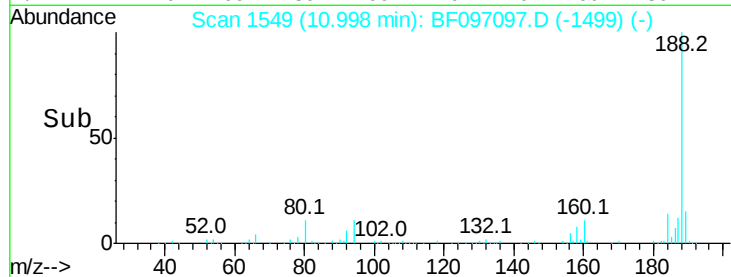
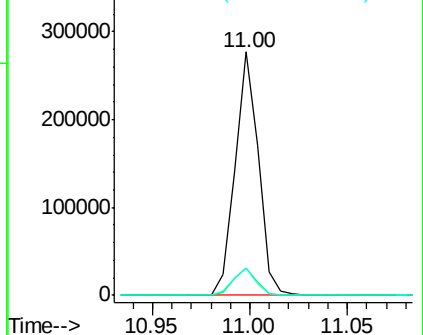
Tot Ion	Ratio	Lower	Upper
188	100		
94	11.1	9.4	14.2
80	11.4	10.2	15.2



Abundance Ion 188.00 (187.70 to 188.70): E

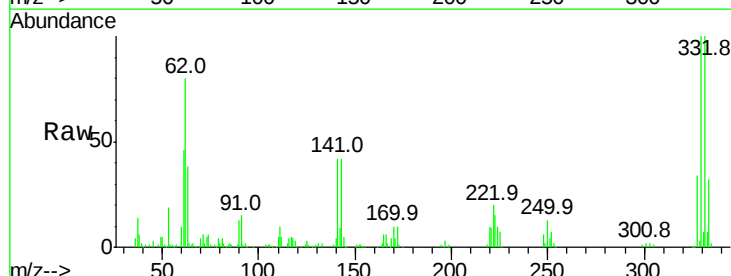
Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#66
4-Bromophenyl-phenylether
Concen: 3.291 ng
RT: 10.31 min Scan# 1432
Delta R.T. -0.25 min
Lab File: BF097097.D
Acq: 27 Jul 2017 1:24

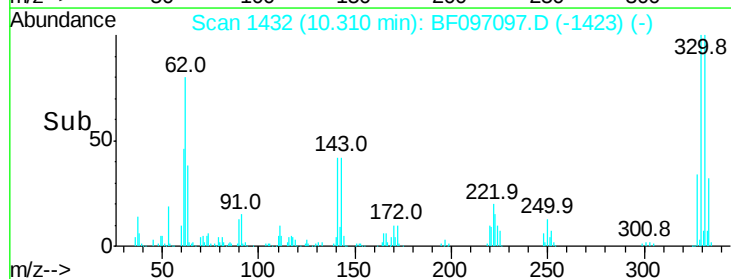
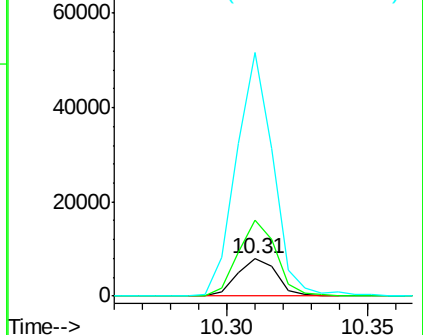
Tgt Ion	Ratio	Lower	Upper
248	100		
250	206.6	76.8	115.2#
141	659.8	68.6	103.0#

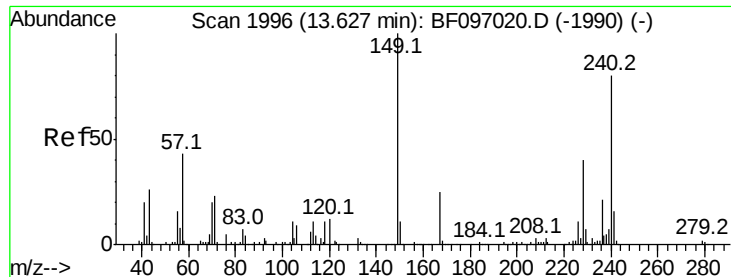


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.62 min Scan# 1995

Delta R.T. -0.01 min

Lab File: BF097097.D

Acq: 27 Jul 2017 1:24

Instrument :

BNA_F

ClientSampled :

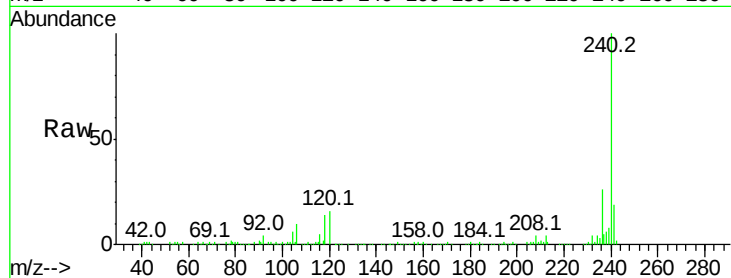
Tot Ion:240 Resp: 201661

Ion Ratio Lower Upper

240 100

120 16.1 5.8 8.8#

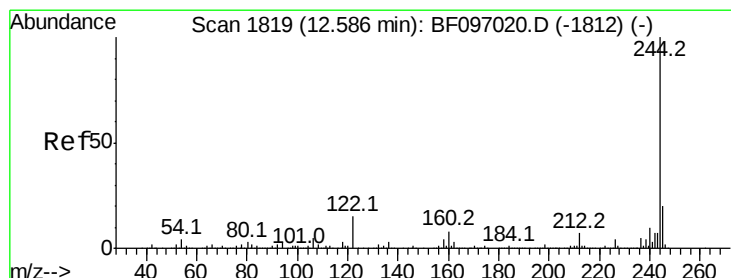
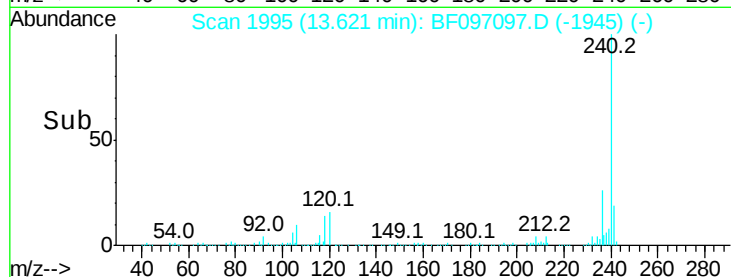
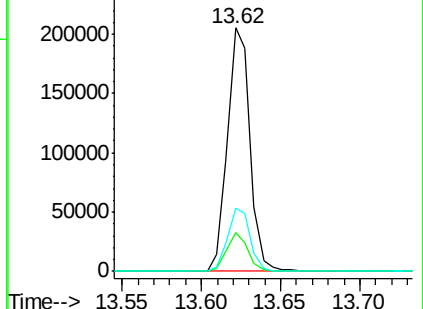
236 25.7 20.5 30.7



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: 51.752 ng

RT: 12.59 min Scan# 1819

Delta R.T. -0.00 min

Lab File: BF097097.D

Acq: 27 Jul 2017 1:24

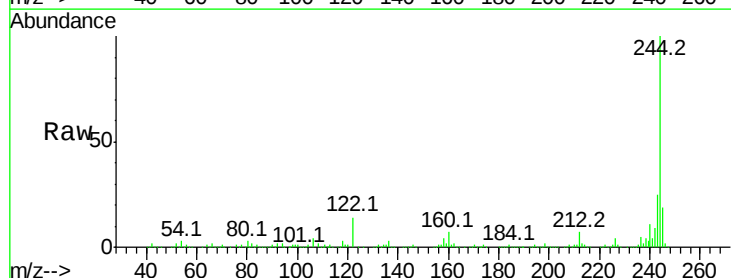
Tgt Ion:244 Resp: 511873

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

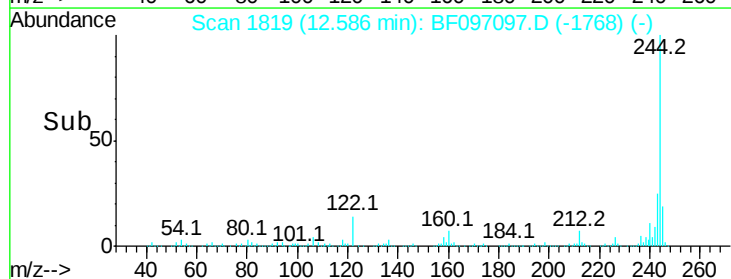
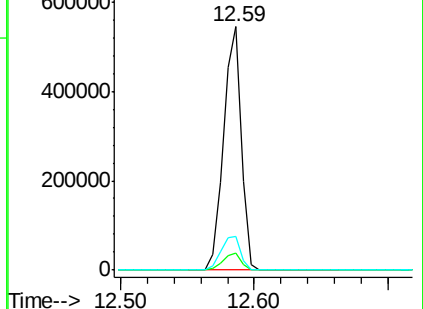
122 14.0 10.3 15.5

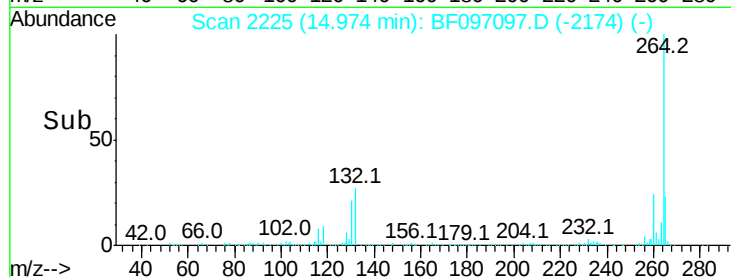
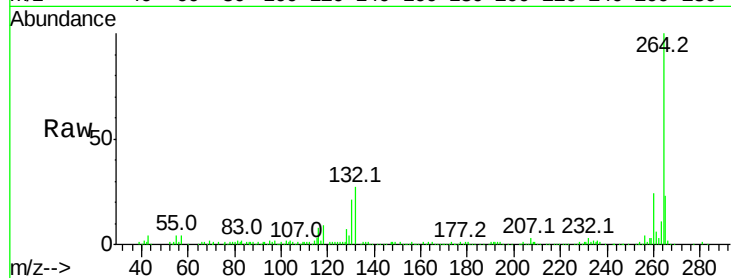
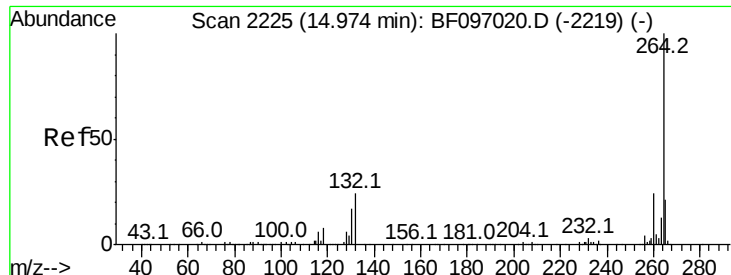


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 14.97 min Scan# 2225
Delta R.T. -0.00 min
Lab File: BF097097.D
Acq: 27 Jul 2017 1:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.5	29.3
265	23.4	17.2	25.8

