

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080517\
 Data File : BF097394.D
 Acq On : 5 Aug 2017 13:49
 Operator : SJ/JU
 Sample : I4608-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 06 01:06:16 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 04 01:17:22 2017
 Response via : Initial Calibration

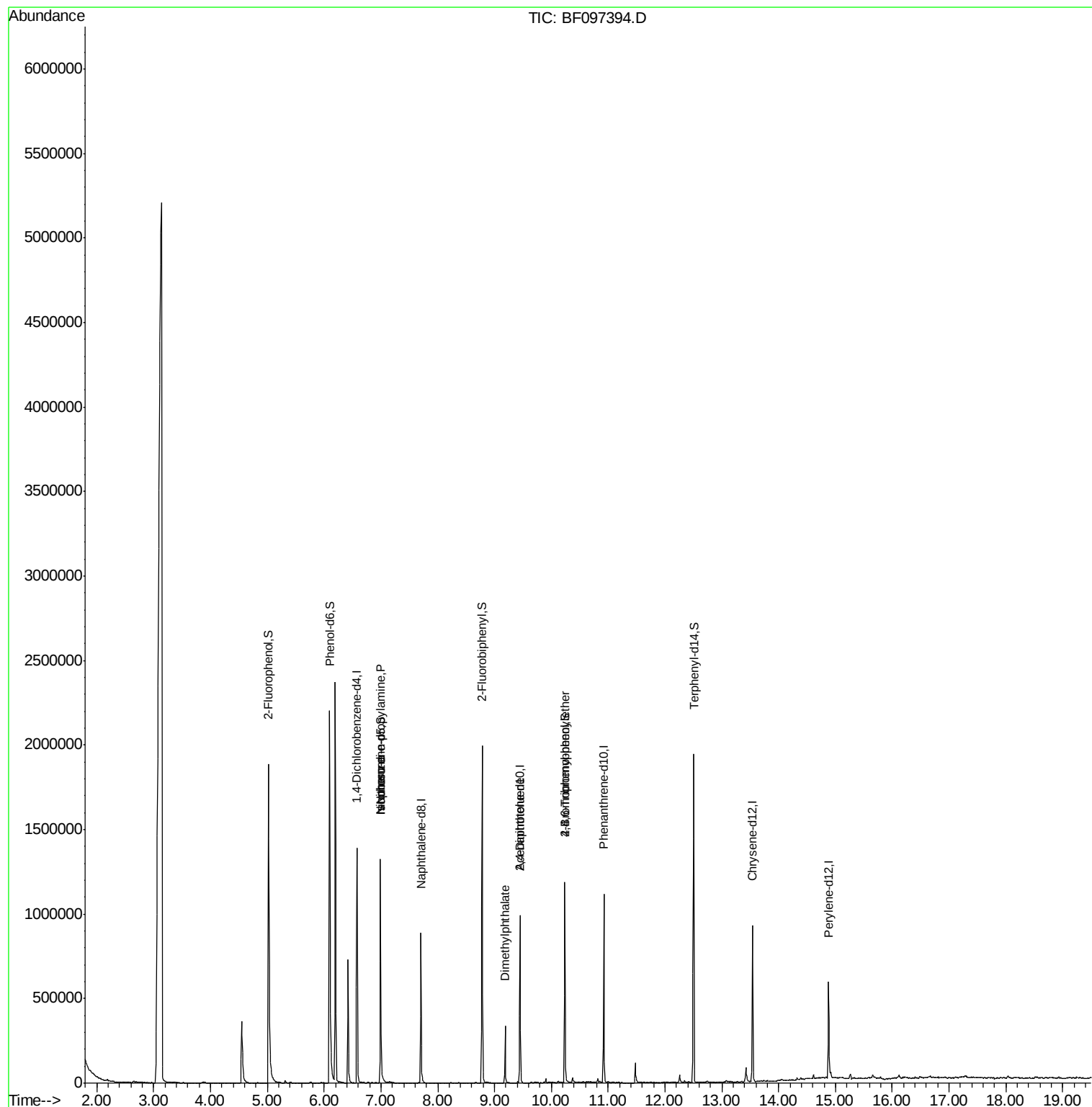
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.57	152	224795	20.00	ng	0.08
21) Naphthalene-d8	7.70	136	428445	20.00	ng	-0.08
38) Acenaphthene-d10	9.45	164	210466	20.00	ng	-0.09
63) Phenanthrene-d10	10.92	188	388722	20.00	ng	-0.08
75) Chrysene-d12	13.54	240	309787	20.00	ng	-0.09
86) Perylene-d12	14.88	264	219195	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.02	112	644267	43.20	ng	-0.08
7) Phenol-d6	6.10	99	831204	48.83	ng	-0.07
23) Nitrobenzene-d5	6.99	82	442035	60.52	ng	-0.08
41) 2,4,6-Tribromophenol	10.24	330	138622	83.36	ng	-0.08
44) 2-Fluorobiphenyl	8.79	172	714354	57.60	ng	-0.08
78) Terphenyl-d14	12.50	244	588652	38.74	ng	-0.08
Target Compounds						
19) n-Nitroso-di-n-propylamine	6.99	70	59499	5.31	ng	# 86
25) Isophorone	6.99	82	437487	30.59	ng	# 67
49) Dimethylphthalate	9.19	163	130546	8.17	ng	99
56) 2,4-Dinitrotoluene	9.45	165	26235	6.73	ng	# 34
66) 4-Bromophenyl-phenylether	10.24	248	8675	2.24	ng	# 1

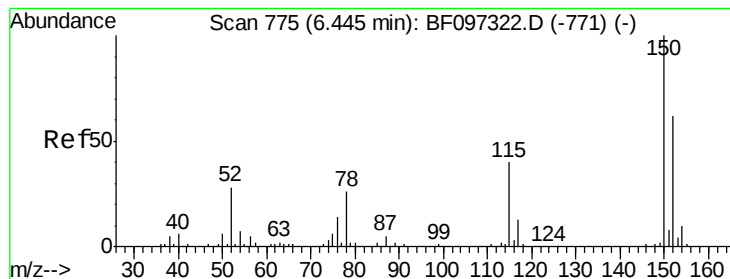
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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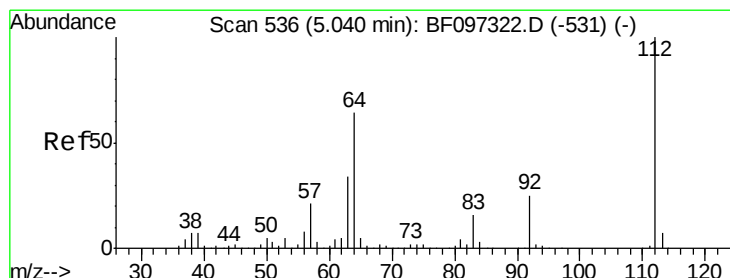
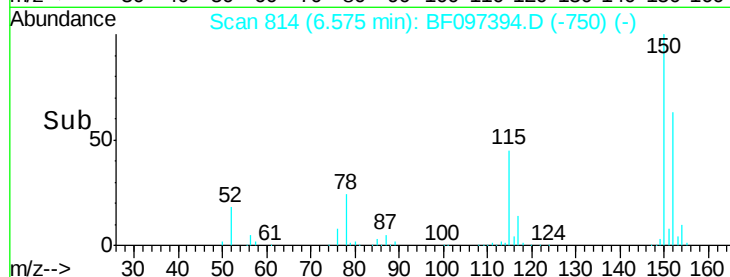
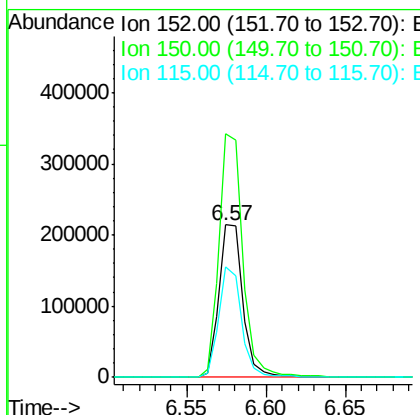
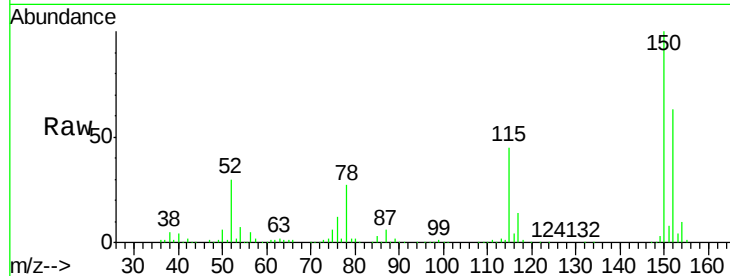




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.57 min Scan# 814
 Delta R.T. 0.08 min
 Lab File: BF097394.D
 Acq: 5 Aug 2017 13:49

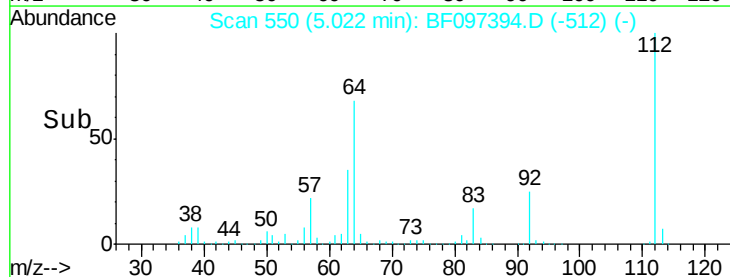
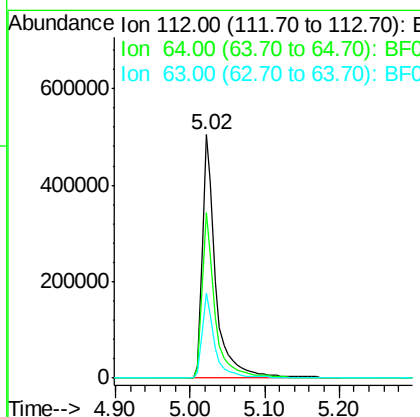
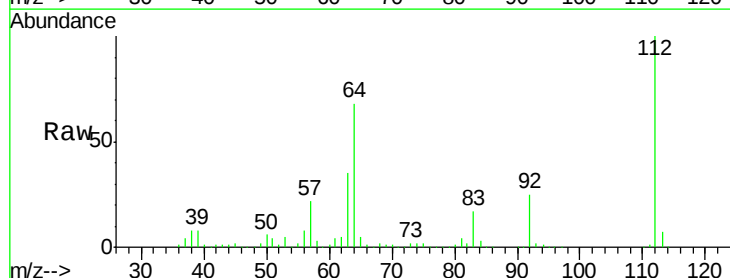
Instrument :
 BNA_F
 ClientSampleId :

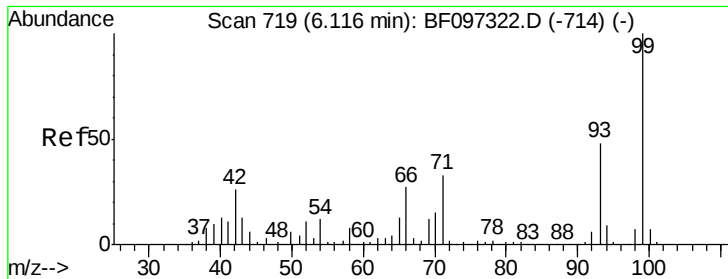
Tot Ion:152 Resp: 224795
 Ion Ratio Lower Upper
 152 100
 150 159.6 126.2 189.2
 115 72.2 52.2 78.2



#5
 2-Fluorophenol
 Concen: 43.20 ng
 RT: 5.02 min Scan# 550
 Delta R.T. -0.08 min
 Lab File: BF097394.D
 Acq: 5 Aug 2017 13:49

Tgt Ion:112 Resp: 644267
 Ion Ratio Lower Upper
 112 100
 64 68.2 46.0 69.0
 63 34.8 23.4 35.0





#7

Phenol-d6

Concen: 48.83 ng

RT: 6.10 min Scan# 733

Delta R.T. -0.07 min

Lab File: BF097394.D

Acq: 5 Aug 2017 13:49

Instrument :

BNA_F

ClientSampled :

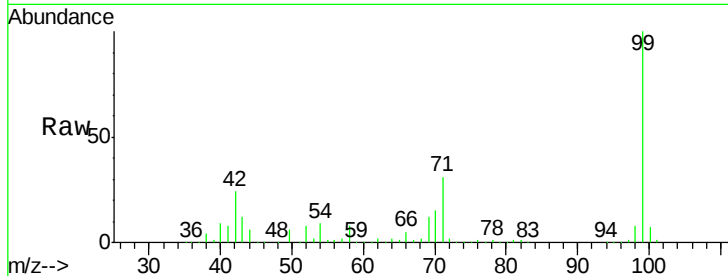
Tot Ion: 99 Resp: 831204

Ion Ratio Lower Upper

99 100

42 23.6 13.5 20.3#

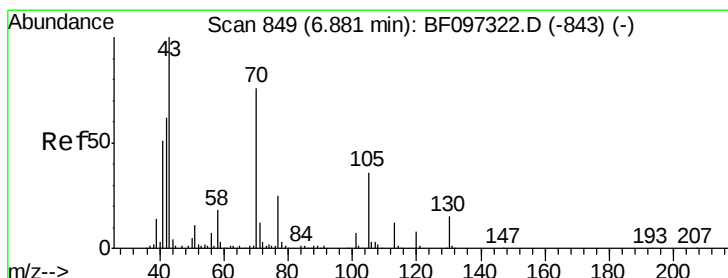
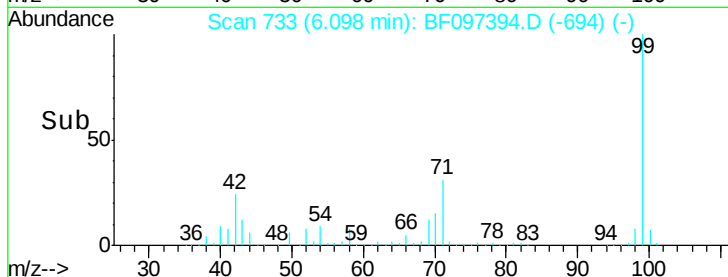
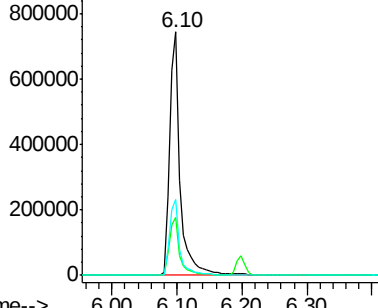
71 31.2 24.5 36.7



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



#19

n-Nitroso-di-n-propylamine

Concen: 5.31 ng

RT: 6.99 min Scan# 885

Delta R.T. 0.06 min

Lab File: BF097394.D

Acq: 5 Aug 2017 13:49

Tgt Ion: 70 Resp: 59499

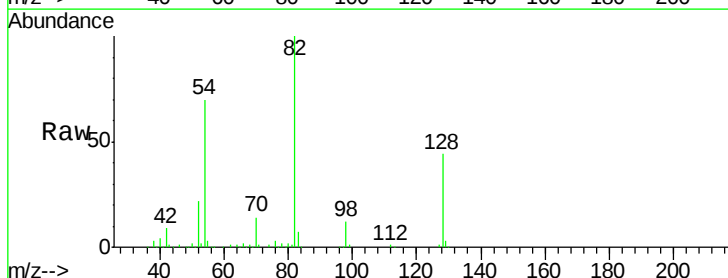
Ion Ratio Lower Upper

70 100

42 61.9 47.2 70.8

101 0.0 7.2 10.8#

130 2.6 15.9 23.9#

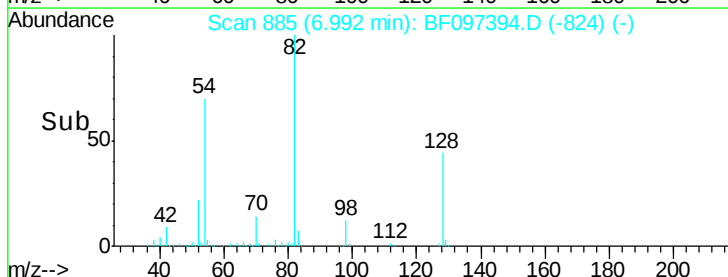
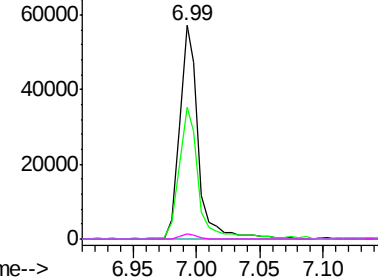


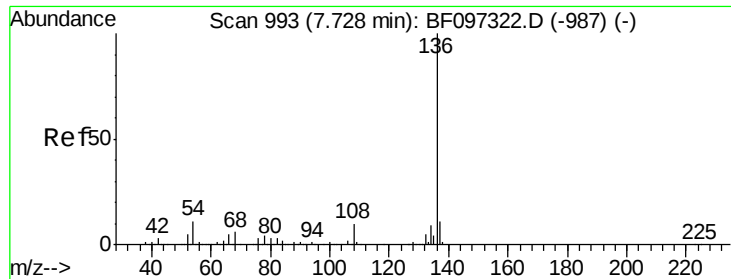
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

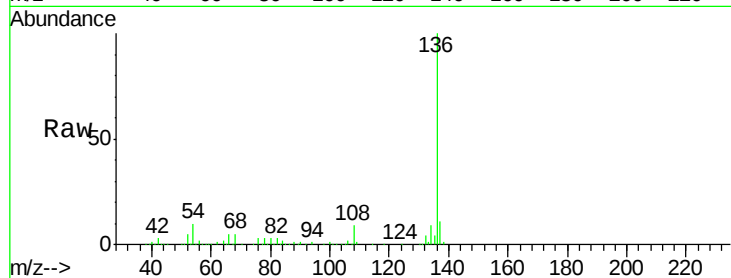




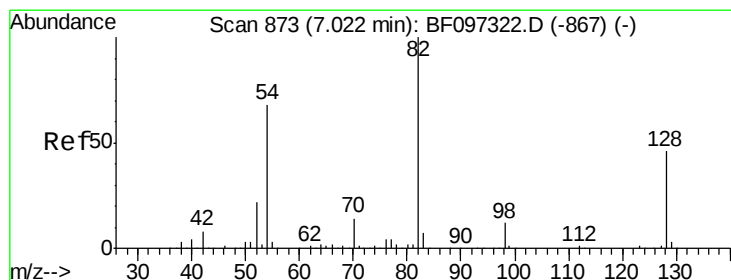
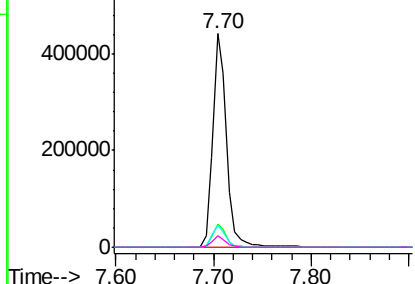
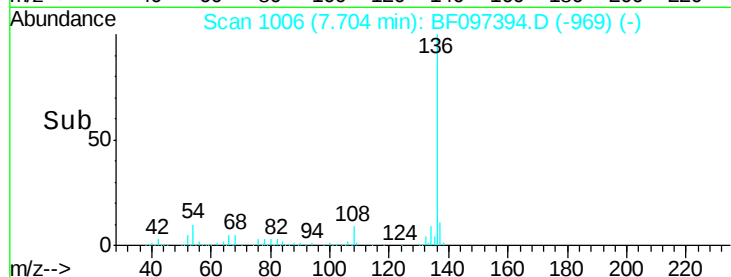
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.70 min Scan# 1006
Delta R.T. -0.08 min
Lab File: BF097394.D
Acq: 5 Aug 2017 13:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	428445
Ion Ratio	Lower	Upper
136	100	
137	10.8	8.5 12.7
54	10.5	4.9 7.3#
68	5.2	4.1 6.1

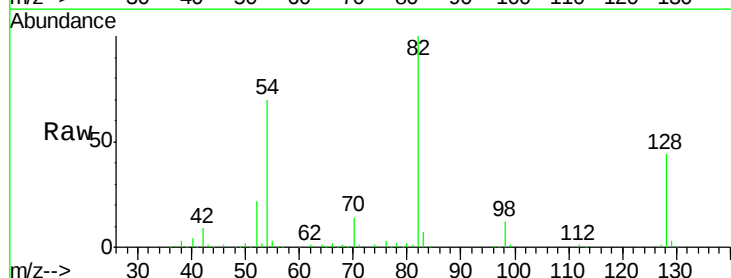


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

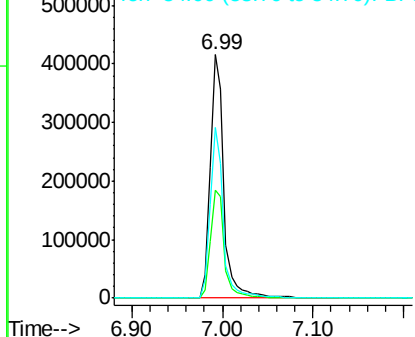
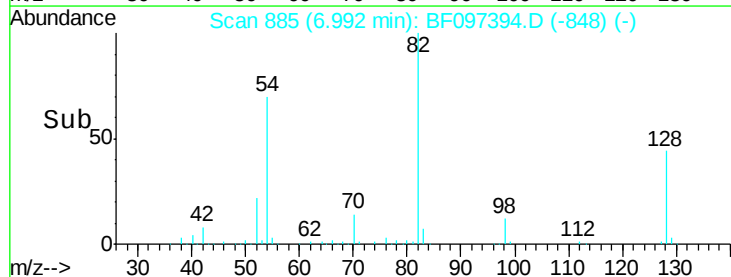


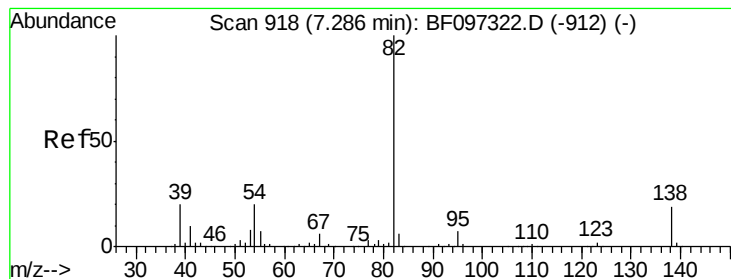
#23
Nitrobenzene-d5
Concen: 60.52 ng
RT: 6.99 min Scan# 885
Delta R.T. -0.08 min
Lab File: BF097394.D
Acq: 5 Aug 2017 13:49

Tgt Ion: 82	Resp:	442035
Ion Ratio	Lower	Upper
82	100	
128	44.3	34.0 51.0
54	69.9	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: 30.59 ng

RT: 6.99 min Scan# 885

Delta R.T. -0.35 min

Lab File: BF097394.D

Acq: 5 Aug 2017 13:49

Instrument :

BNA_F

ClientSampled :

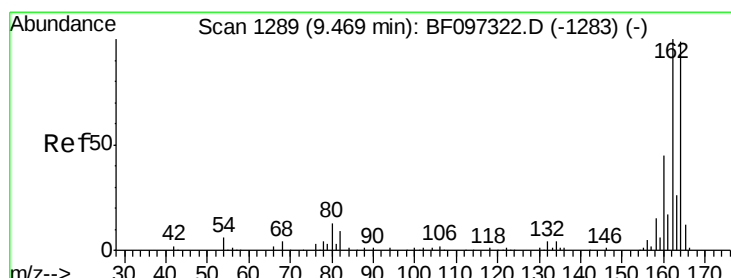
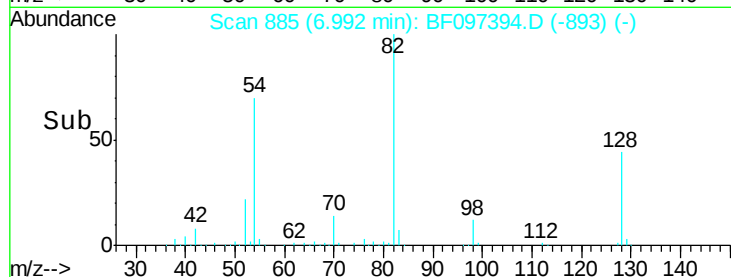
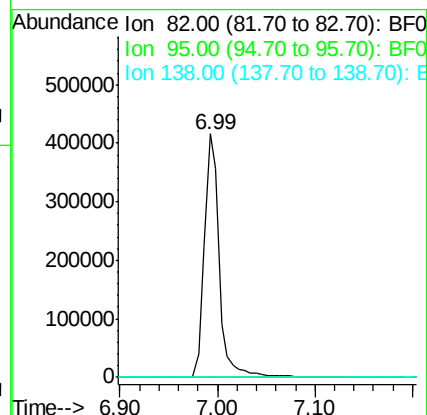
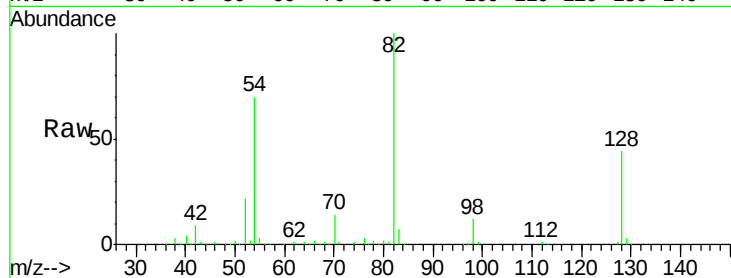
Tot Ion: 82 Resp: 437487

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: 9.45 min Scan# 1302

Delta R.T. -0.09 min

Lab File: BF097394.D

Acq: 5 Aug 2017 13:49

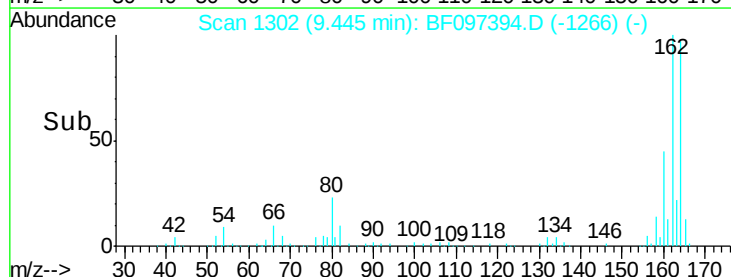
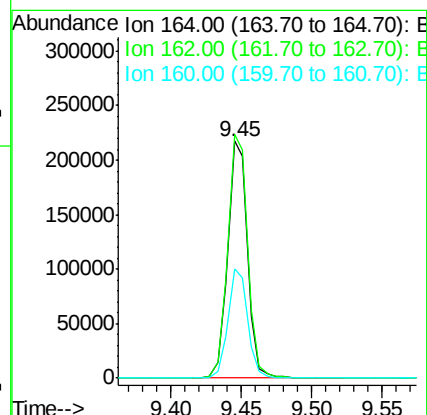
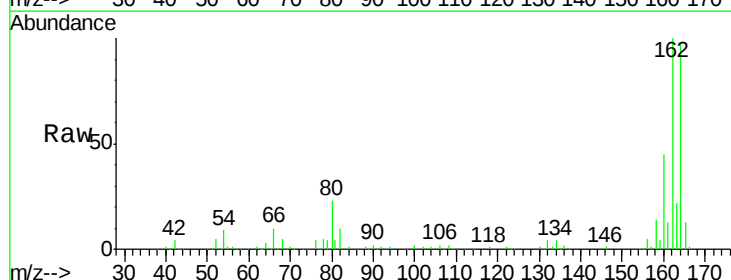
Tgt Ion: 164 Resp: 210466

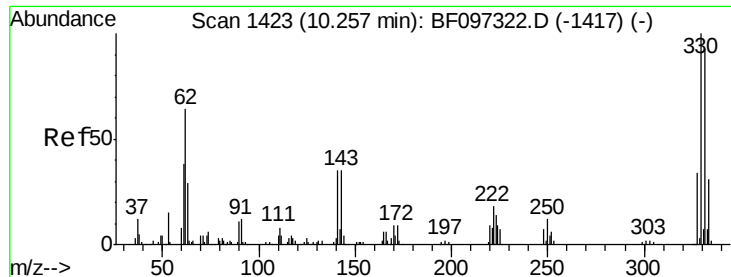
Ion Ratio Lower Upper

164 100

162 102.7 82.6 123.8

160 46.2 36.2 54.2

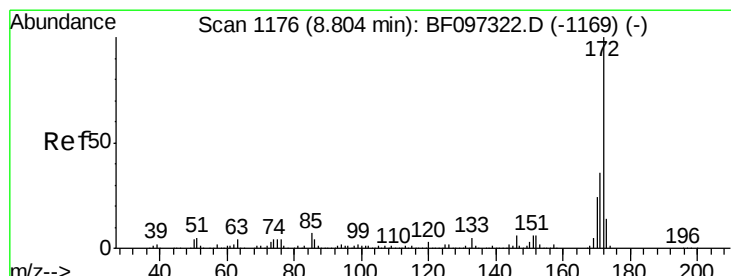
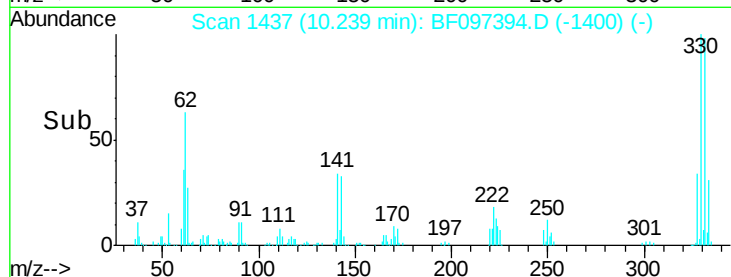
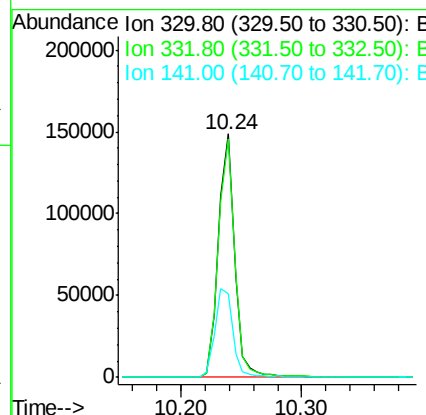
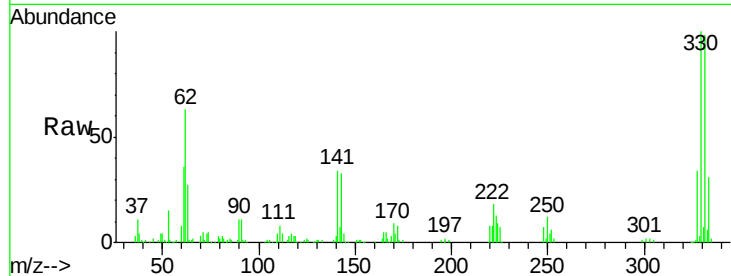




#41
 2,4,6-Tribromophenol
 Concen: 83.36 ng
 RT: 10.24 min Scan# 1437
 Delta R.T. -0.08 min
 Lab File: BF097394.D
 Acq: 5 Aug 2017 13:49

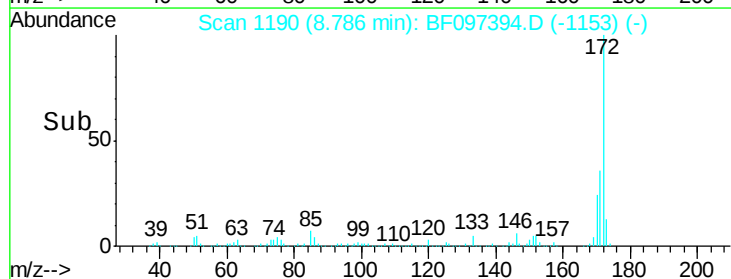
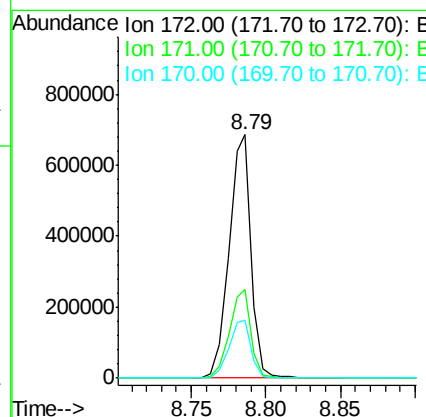
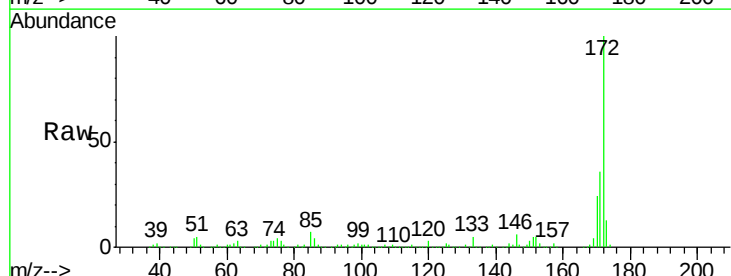
Instrument :
 BNA_F
 ClientSampleId :

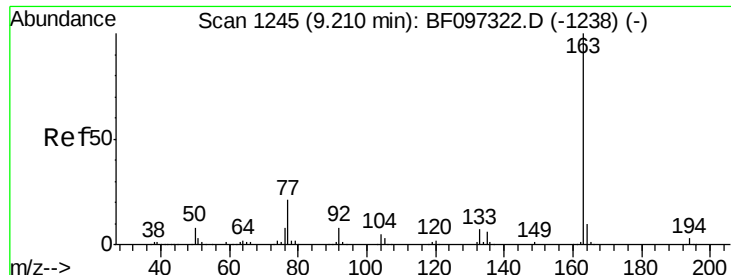
Tot Ion	Ratio	Lower	Upper
330	100		
332	98.7	76.6	115.0
141	40.3	31.4	47.2



#44
 2-Fluorobiphenyl
 Concen: 57.60 ng
 RT: 8.79 min Scan# 1190
 Delta R.T. -0.08 min
 Lab File: BF097394.D
 Acq: 5 Aug 2017 13:49

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.6	44.4
170	23.6	19.8	29.8

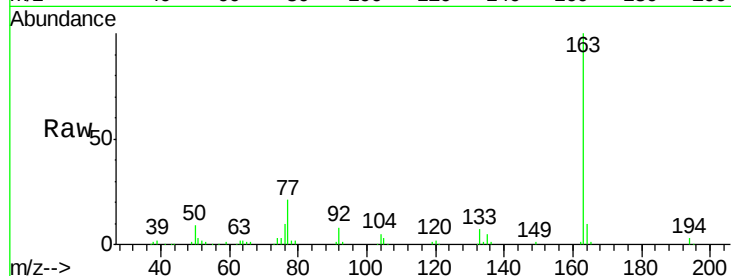




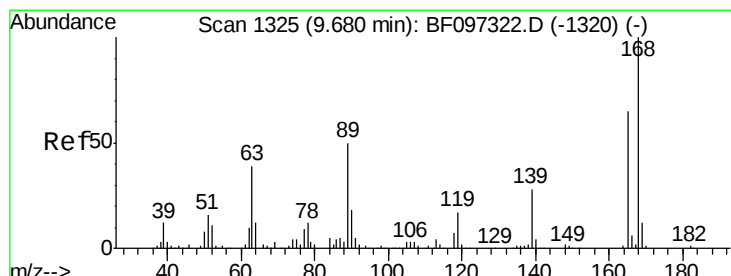
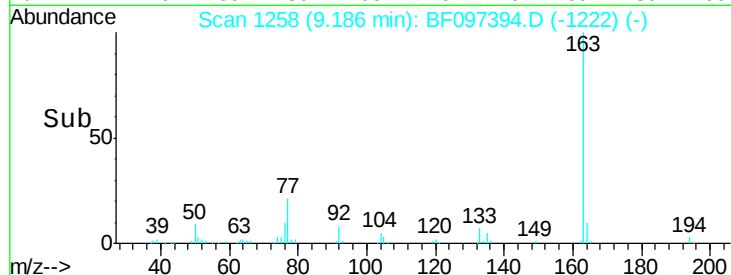
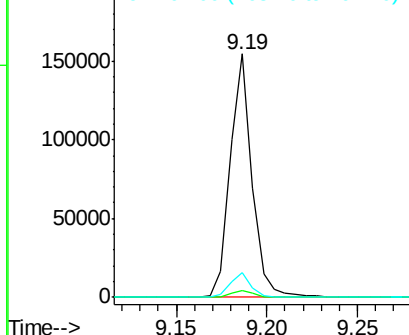
#49
Dimethylphthalate
Concen: 8.17 ng
RT: 9.19 min Scan# 1258
Delta R.T. -0.09 min
Lab File: BF097394.D
Acq: 5 Aug 2017 13:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
163	100		
194	2.9	2.6	4.0
164	10.2	8.4	12.6



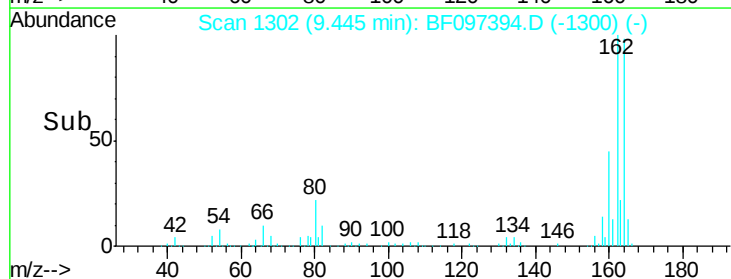
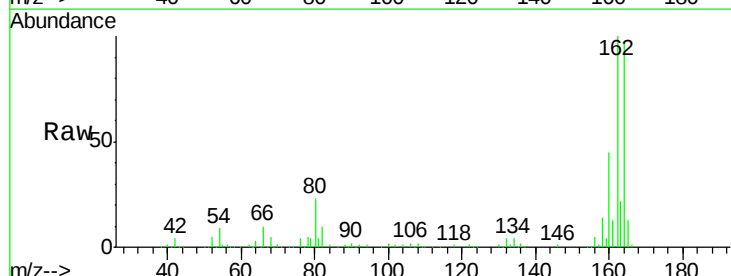
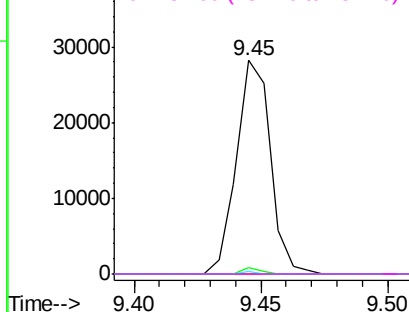
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

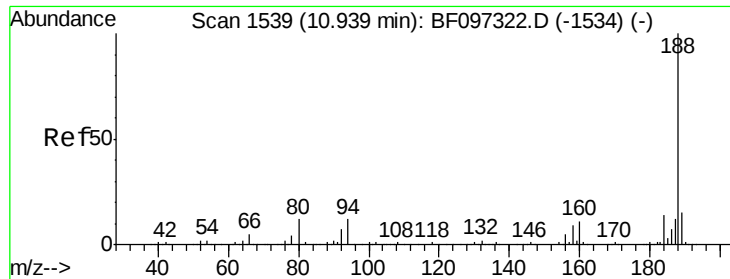


#56
2,4-Dinitrotoluene
Concen: 6.73 ng
RT: 9.45 min Scan# 1302
Delta R.T. -0.29 min
Lab File: BF097394.D
Acq: 5 Aug 2017 13:49

Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.9	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

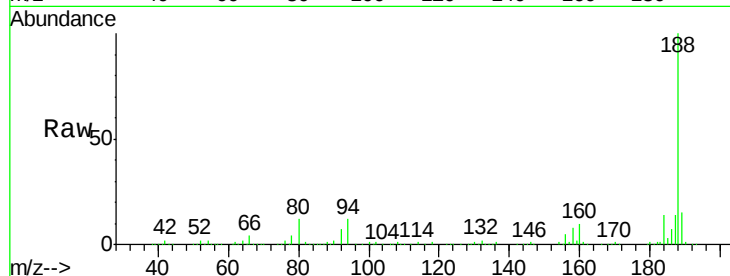




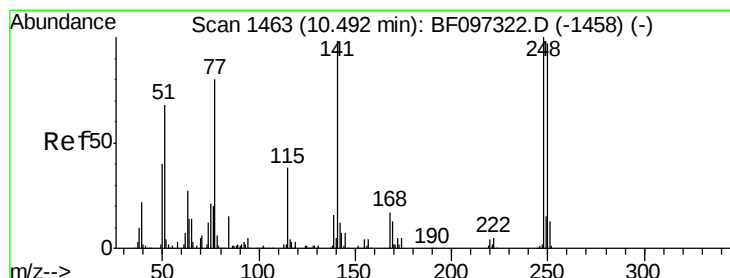
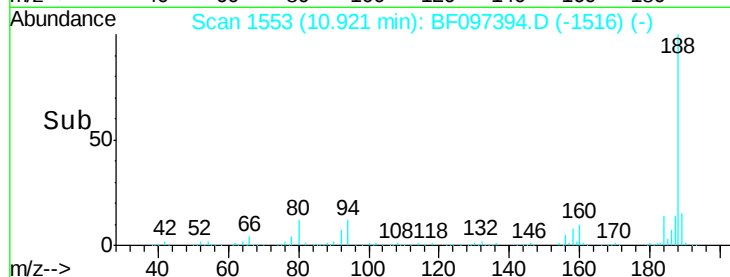
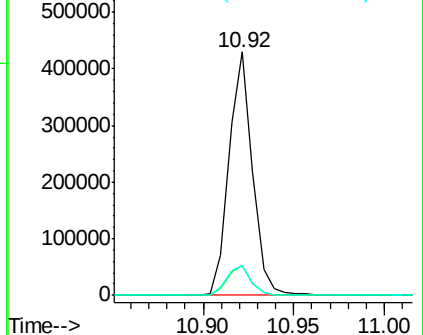
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.92 min Scan# 1553
Delta R.T. -0.08 min
Lab File: BF097394.D
Acq: 5 Aug 2017 13:49

Instrument :
BNA_F
ClientSampled :

Tot Ion:188 Resp: 388722
Ion Ratio Lower Upper
188 100
94 12.1 9.4 14.2
80 12.3 10.2 15.2

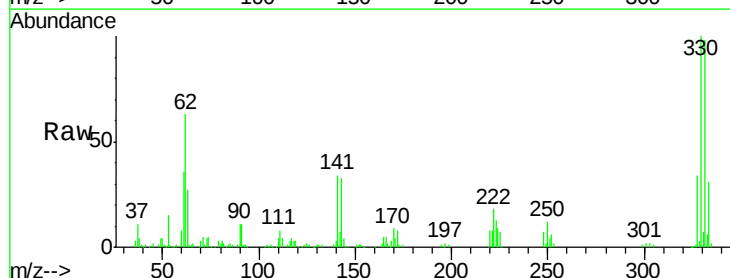


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

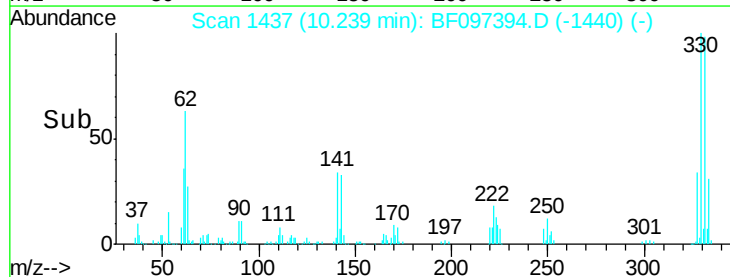
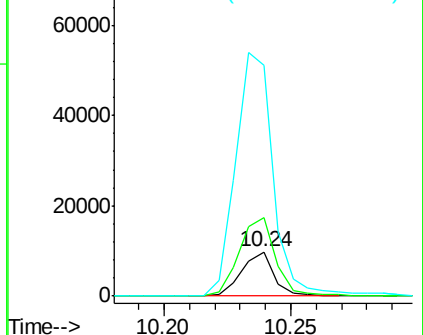


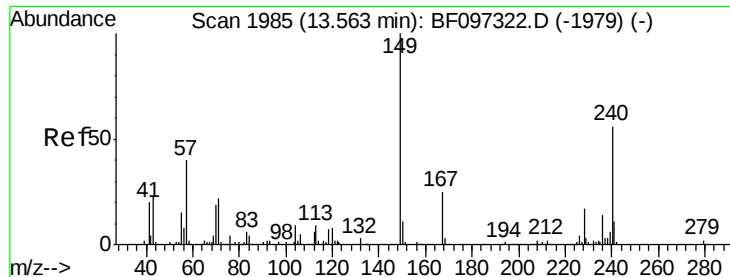
#66
4-Bromophenyl-phenylether
Concen: 2.24 ng
RT: 10.24 min Scan# 1437
Delta R.T. -0.32 min
Lab File: BF097394.D
Acq: 5 Aug 2017 13:49

Tgt Ion:248 Resp: 8675
Ion Ratio Lower Upper
248 100
250 178.9 76.8 115.2#
141 521.0 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: 13.54 min Scan# 1998

Delta R.T. -0.09 min

Lab File: BF097394.D

Acq: 5 Aug 2017 13:49

Instrument :

BNA_F

ClientSampleId :

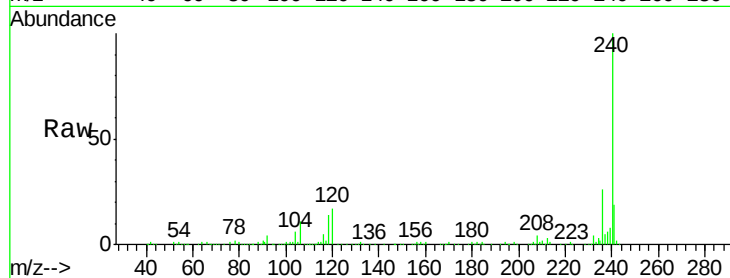
Tot Ion:240 Resp: 309787

Ion Ratio Lower Upper

240 100

120 16.6 5.8 8.8#

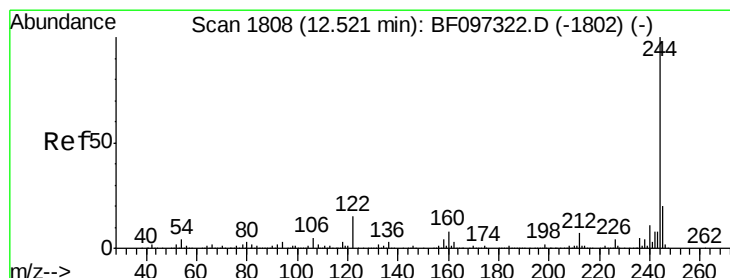
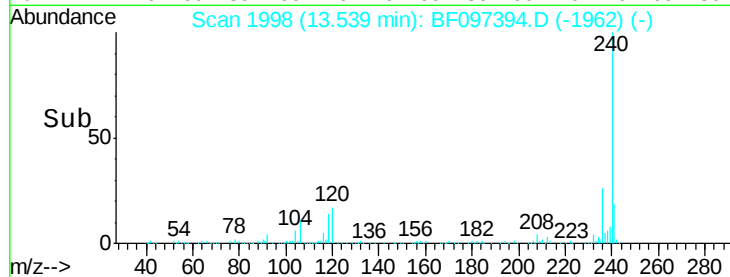
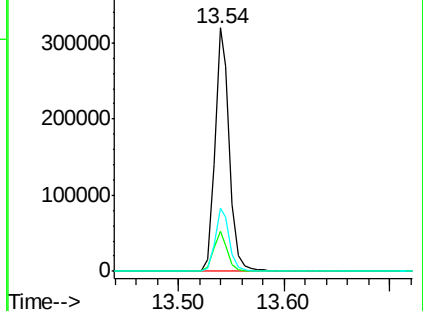
236 26.1 20.5 30.7



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: 38.74 ng

RT: 12.50 min Scan# 1822

Delta R.T. -0.08 min

Lab File: BF097394.D

Acq: 5 Aug 2017 13:49

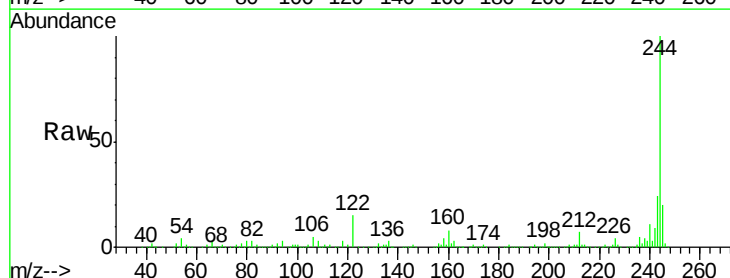
Tgt Ion:244 Resp: 588652

Ion Ratio Lower Upper

244 100

212 6.8 6.0 9.0

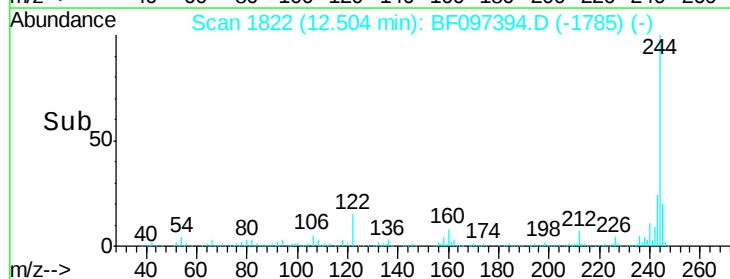
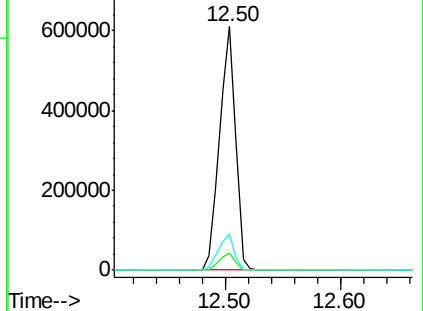
122 14.7 10.3 15.5

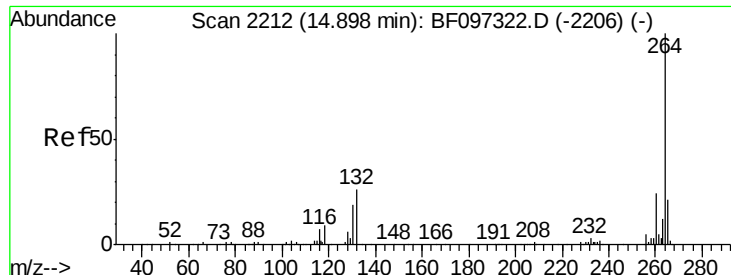


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

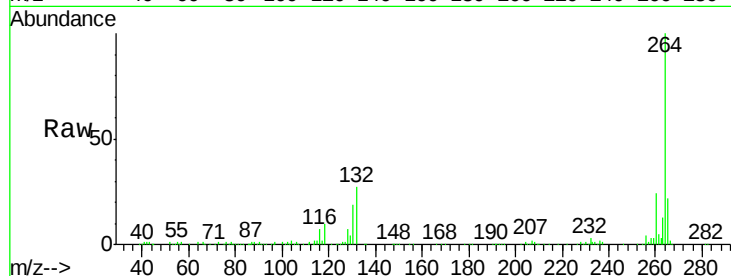




#86
Pervlene-d12
Concen: 20.00 ng
RT: 14.88 min Scan# 2226
Delta R.T. -0.09 min
Lab File: BF097394.D
Acq: 5 Aug 2017 13:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.5	29.3
265	21.8	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

