

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080517\
 Data File : BF097398.D
 Acq On : 5 Aug 2017 15:41
 Operator : SJ/JU
 Sample : I4592-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 06 01:07:38 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

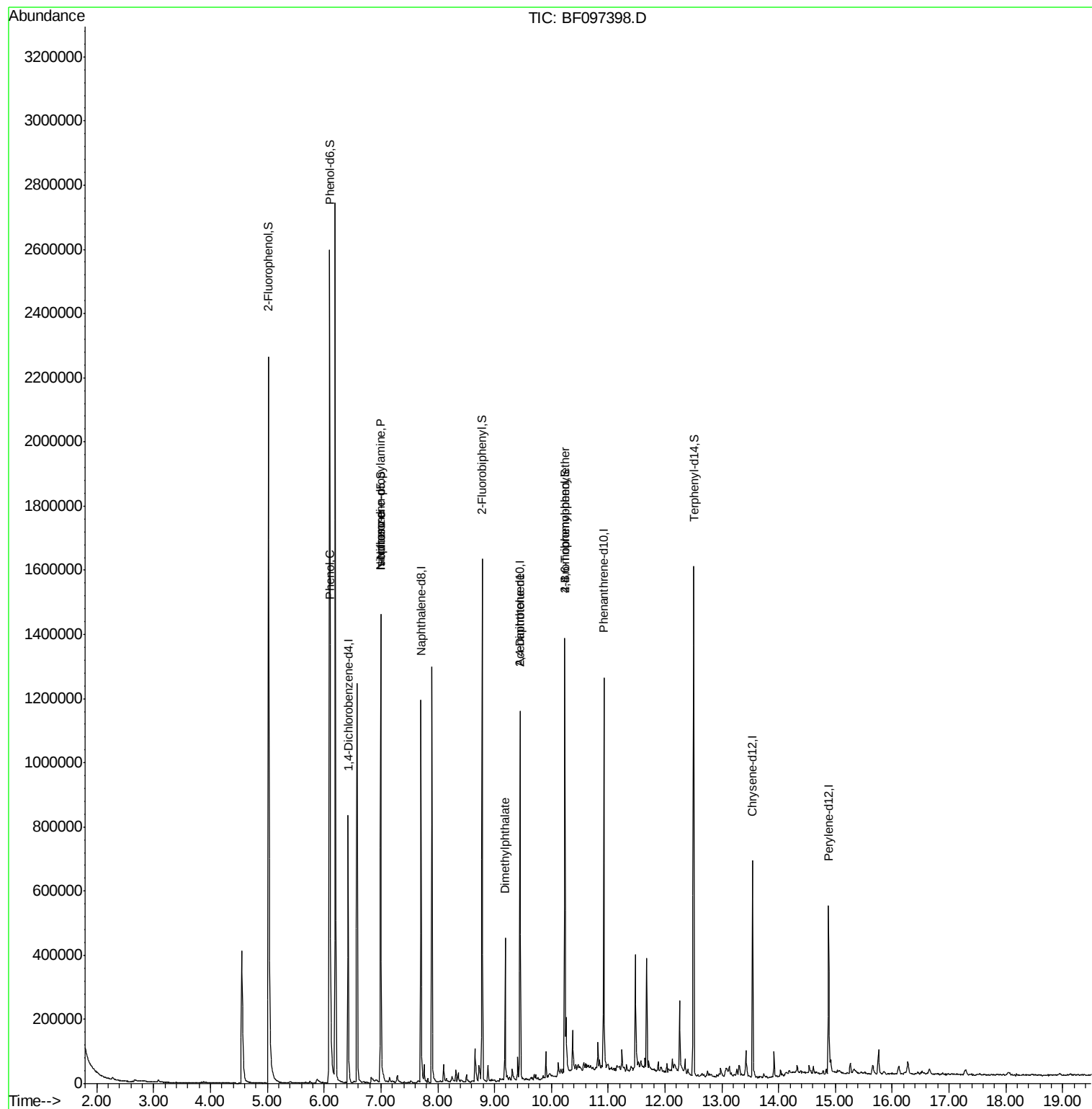
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.42	152	122835	20.00	ng	-0.08
21) Naphthalene-d8	7.70	136	535017	20.00	ng	-0.08
38) Acenaphthene-d10	9.45	164	223070	20.00	ng	-0.08
63) Phenanthrene-d10	10.92	188	404217	20.00	ng	-0.08
75) Chrysene-d12	13.54	240	222504	20.00	ng	-0.09
86) Perylene-d12	14.88	264	205566	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.02	112	754540	92.60	ng	-0.08
7) Phenol-d6	6.10	99	970051	104.28	ng	-0.07
23) Nitrobenzene-d5	7.00	82	500884	54.92	ng	-0.08
41) 2,4,6-Tribromophenol	10.24	330	148431	84.22	ng	-0.08
44) 2-Fluorobiphenyl	8.79	172	543395	41.34	ng	-0.08
78) Terphenyl-d14	12.50	244	474018	43.44	ng	-0.08
Target Compounds						
10) Phenol	6.11	94	27286	2.47	ng	# 78
19) n-Nitroso-di-n-propylamine	6.99	70	66512	10.86	ng	# 84
25) Isophorone	7.00	82	500877	28.04	ng	# 67
49) Dimethylphthalate	9.19	163	166074	9.80	ng	# 98
56) 2,4-Dinitrotoluene	9.45	165	28601	6.92	ng	# 33
66) 4-Bromophenyl-phenylether	10.24	248	9275	2.30	ng	# 1

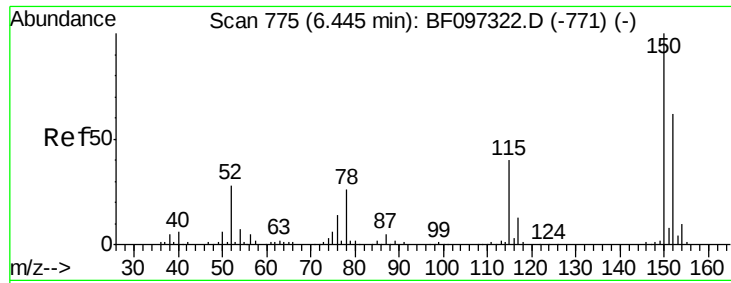
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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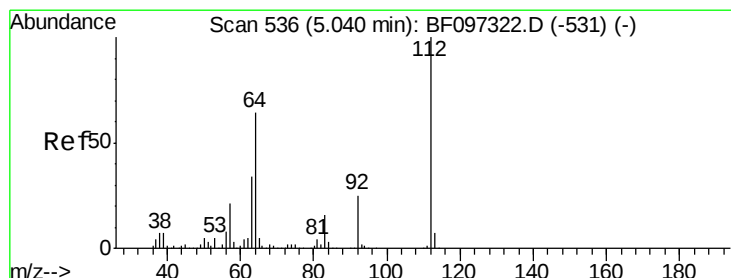
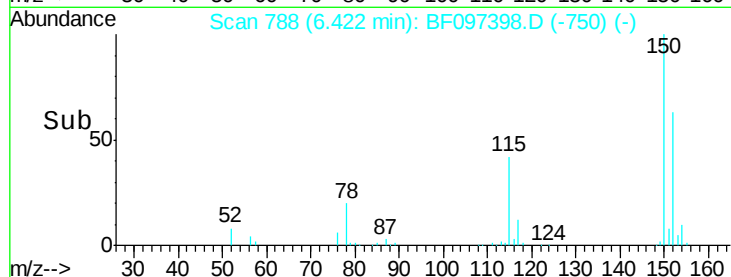
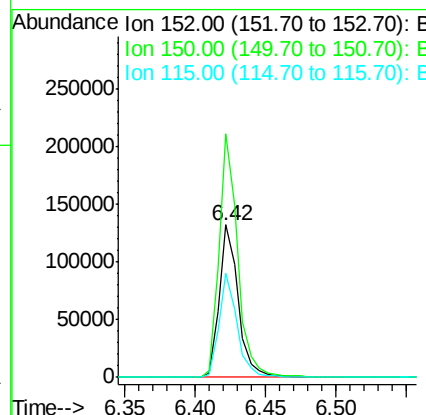
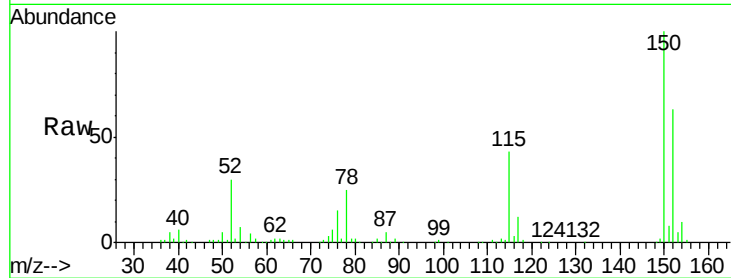




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.42 min Scan# 788
 Delta R.T. -0.08 min
 Lab File: BF097398.D
 Acq: 5 Aug 2017 15:41

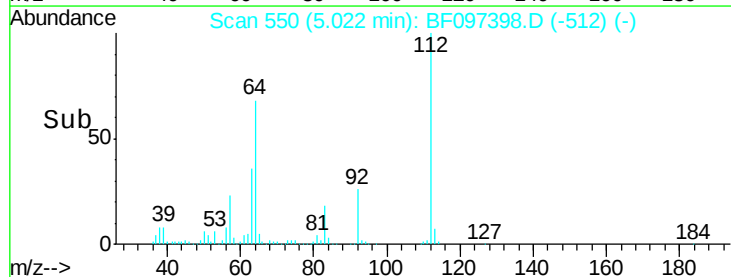
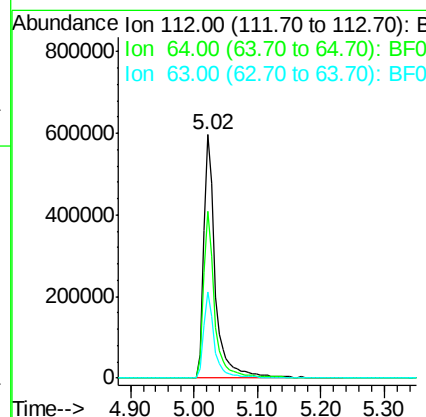
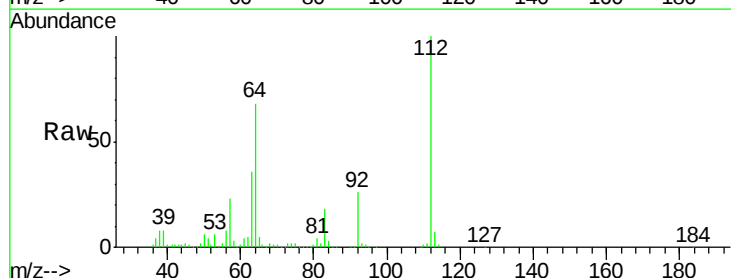
Instrument :
 BNA_F
 ClientSampleId :

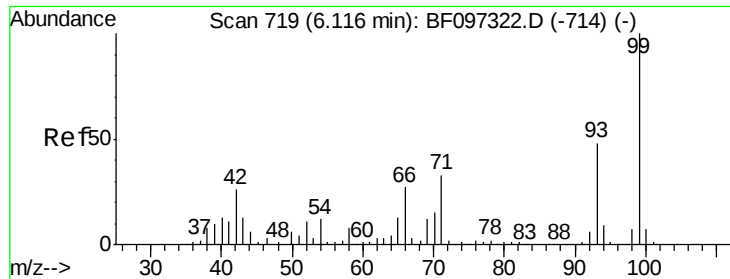
Tot Ion:152 Resp: 122835
 Ion Ratio Lower Upper
 152 100
 150 159.7 126.2 189.2
 115 68.0 52.2 78.2



#5
 2-Fluorophenol
 Concen: 92.60 ng
 RT: 5.02 min Scan# 550
 Delta R.T. -0.08 min
 Lab File: BF097398.D
 Acq: 5 Aug 2017 15:41

Tgt Ion:112 Resp: 754540
 Ion Ratio Lower Upper
 112 100
 64 68.3 46.0 69.0
 63 35.6 23.4 35.0#





#7

Phenol-d6

Concen: 104.28 ng

RT: 6.10 min Scan# 733

Delta R.T. -0.07 min

Lab File: BF097398.D

Acq: 5 Aug 2017 15:41

Instrument :

BNA_F

ClientSampled :

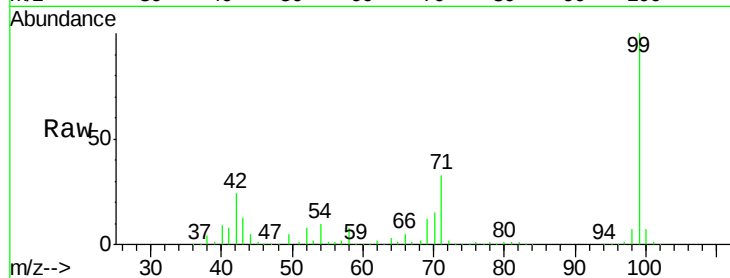
Tot Ion: 99 Resp: 970051

Ion Ratio Lower Upper

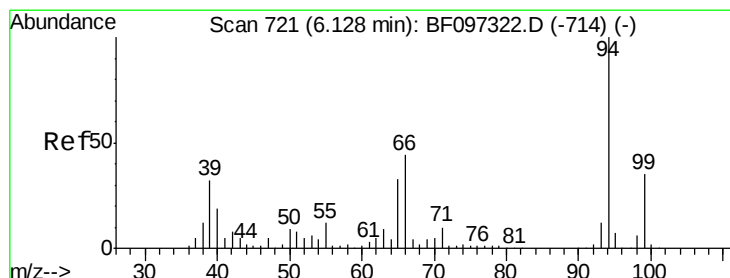
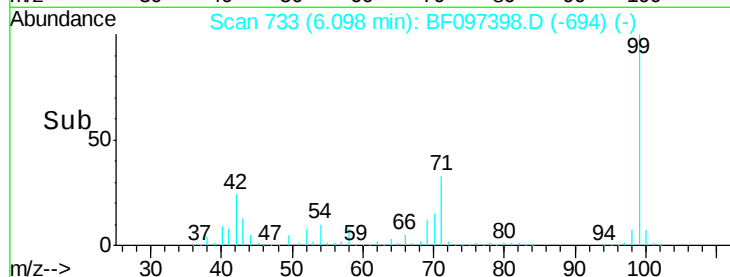
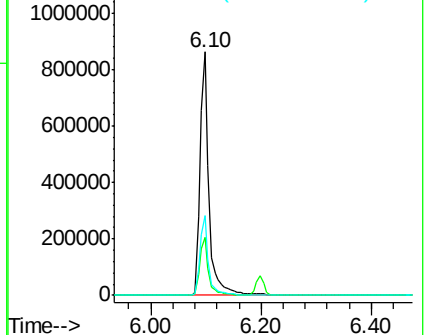
99 100

42 23.9 13.5 20.3#

71 32.9 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: 2.47 ng

RT: 6.11 min Scan# 735

Delta R.T. -0.07 min

Lab File: BF097398.D

Acq: 5 Aug 2017 15:41

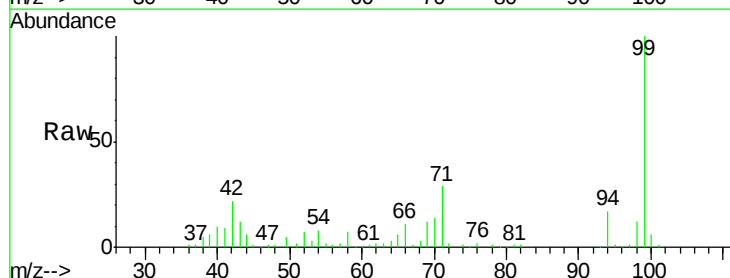
Tgt Ion: 94 Resp: 27286

Ion Ratio Lower Upper

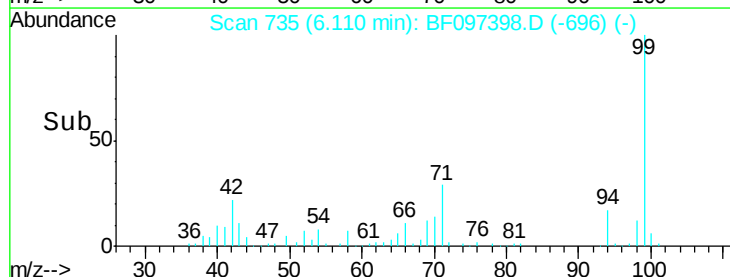
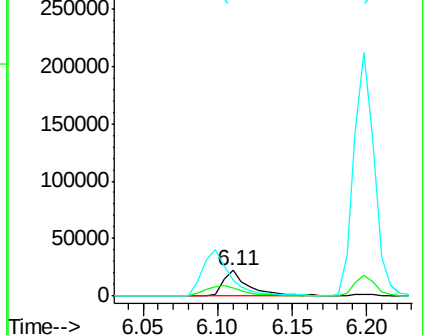
94 100

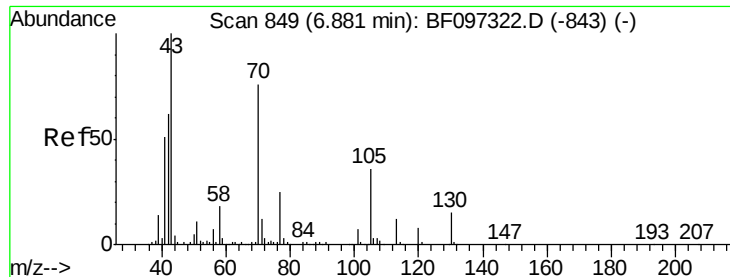
65 34.1 9.9 49.9

66 64.0 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

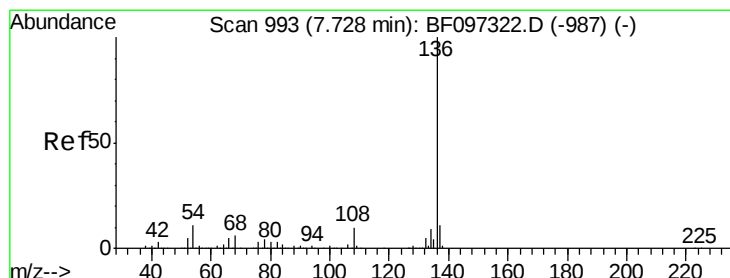
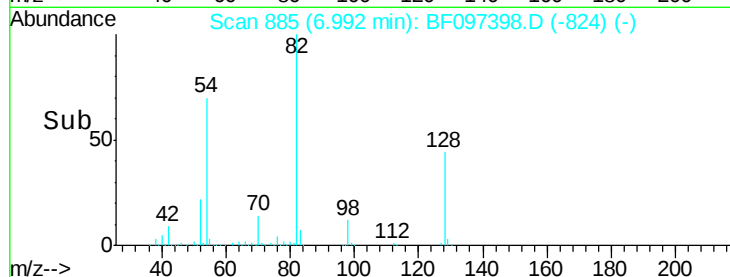
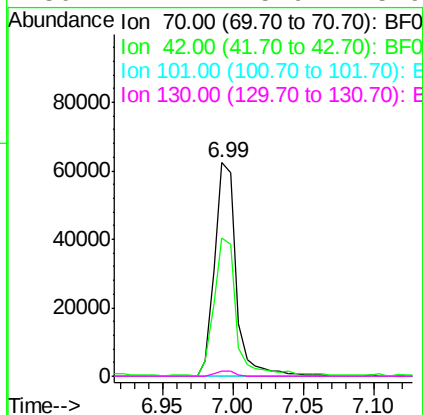
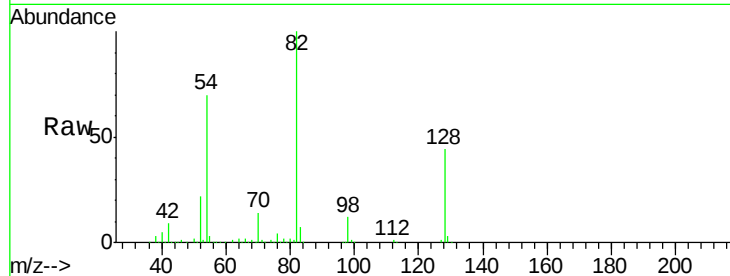




#19
n-Nitroso-di-n-propylamine
Concen: 10.86 ng
RT: 6.99 min Scan# 885
Delta R.T. 0.06 min
Lab File: BF097398.D
Acq: 5 Aug 2017 15:41

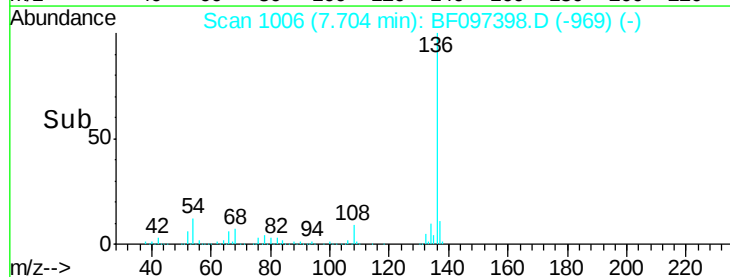
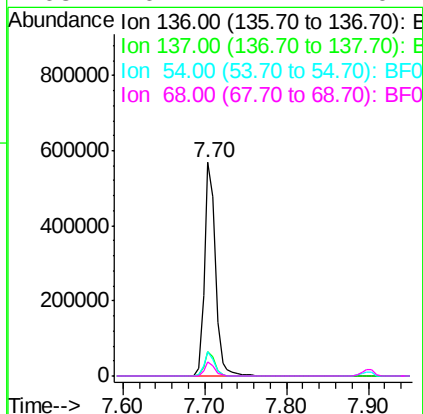
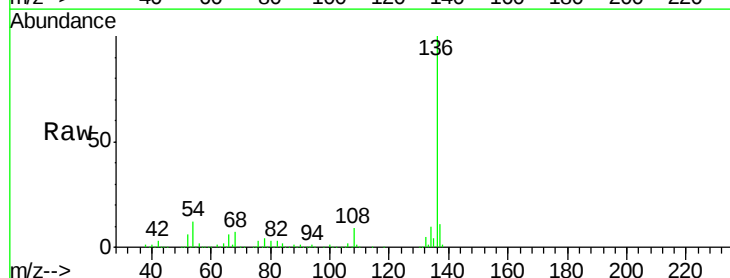
Instrument :
BNA_F
ClientSampleId :

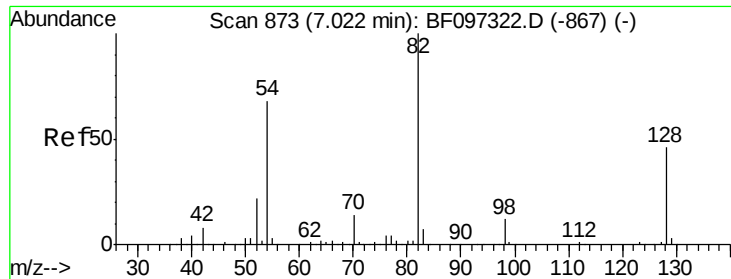
Tot Ion: 70 Resp: 66512
Ion Ratio Lower Upper
70 100
42 64.6 47.2 70.8
101 0.0 7.2 10.8#
130 2.7 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.70 min Scan# 1006
Delta R.T. -0.08 min
Lab File: BF097398.D
Acq: 5 Aug 2017 15:41

Tgt Ion: 136 Resp: 535017
Ion Ratio Lower Upper
136 100
137 11.1 8.5 12.7
54 11.5 4.9 7.3#
68 6.7 4.1 6.1#

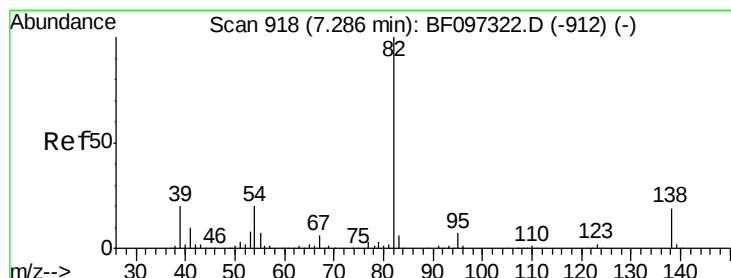
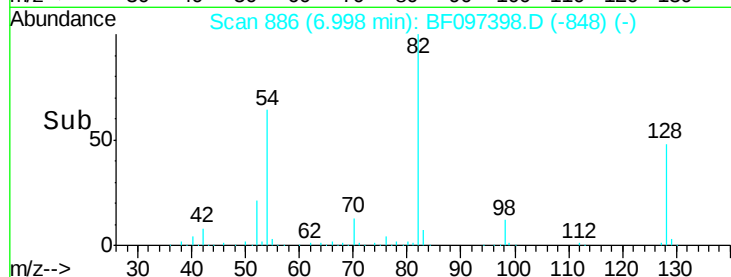
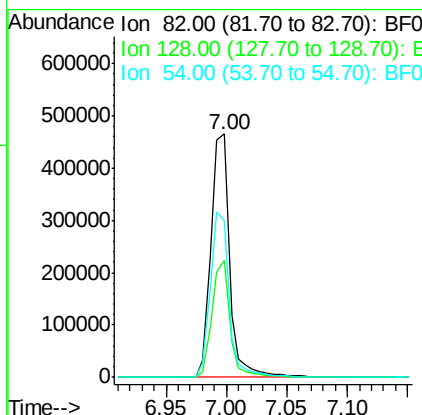
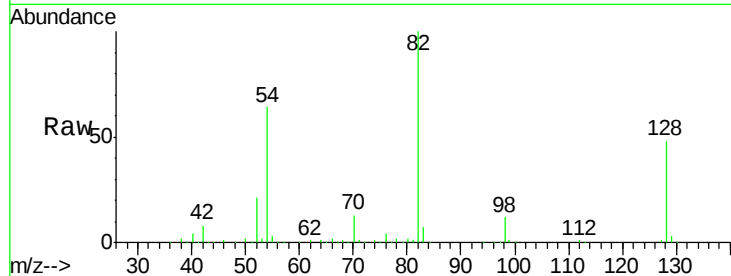




#23
 Nitrobenzene-d5
 Concen: 54.92 ng
 RT: 7.00 min Scan# 886
 Delta R.T. -0.08 min
 Lab File: BF097398.D
 Acq: 5 Aug 2017 15:41

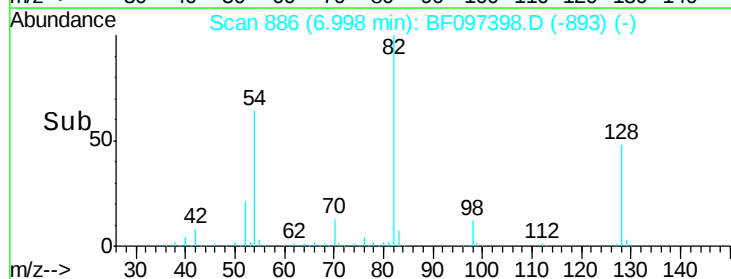
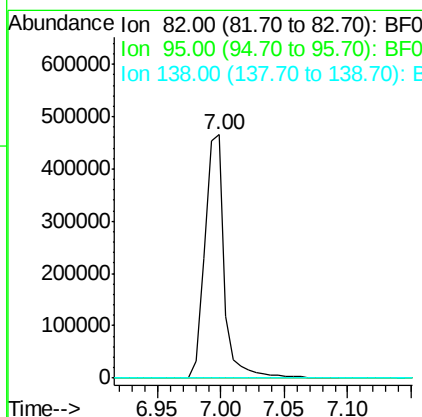
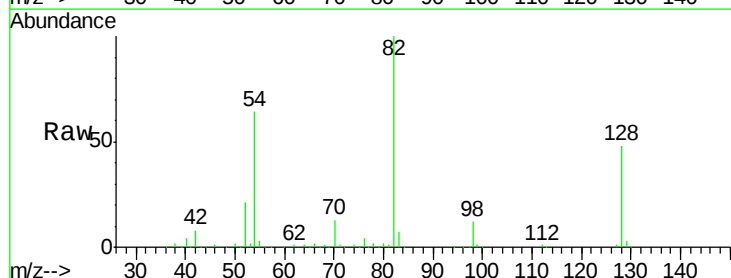
Instrument :
 BNA_F
 ClientSampleId :

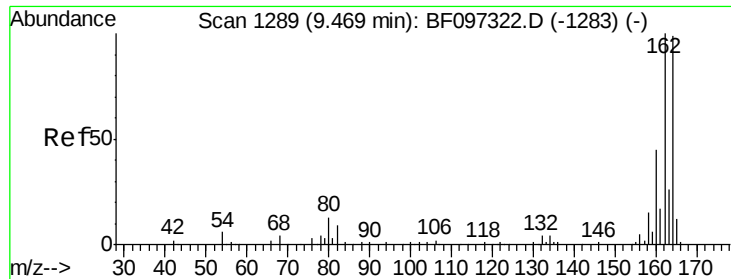
Tot Ion	82	Resp	500884
Ion Ratio	Lower	Upper	
82	100		
128	48.0	34.0	51.0
54	64.2	42.2	63.2#



#25
 Isophorone
 Concen: 28.04 ng
 RT: 7.00 min Scan# 886
 Delta R.T. -0.34 min
 Lab File: BF097398.D
 Acq: 5 Aug 2017 15:41

Tgt Ion	82	Resp	500877
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.3	7.9#
138	0.0	13.1	19.7#

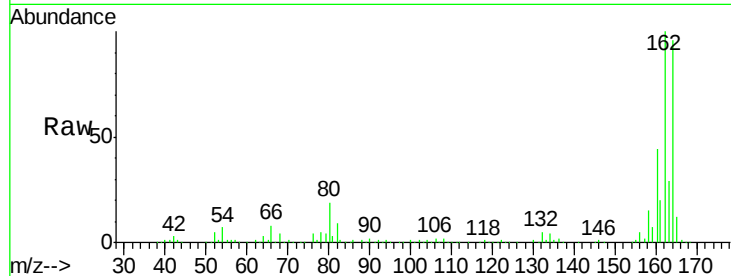




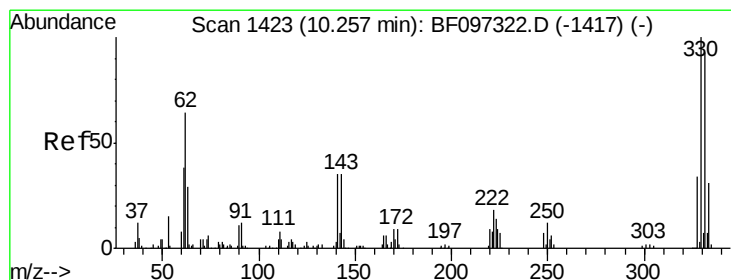
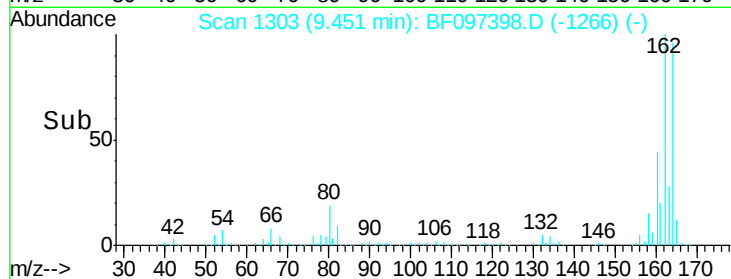
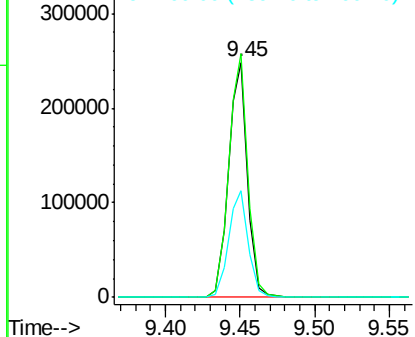
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.45 min Scan# 1303
Delta R.T. -0.08 min
Lab File: BF097398.D
Acq: 5 Aug 2017 15:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 223070
Ion Ratio Lower Upper
164 100
162 103.8 82.6 123.8
160 45.5 36.2 54.2

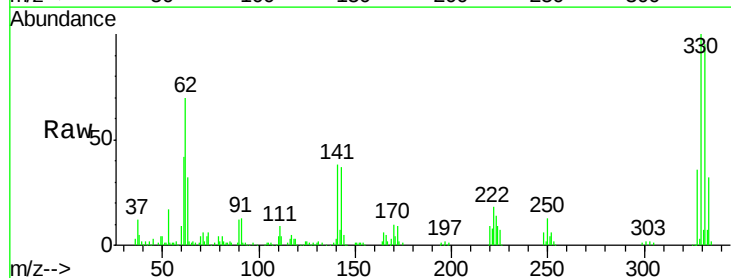


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

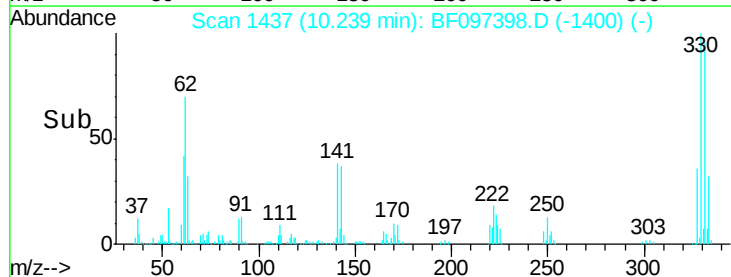
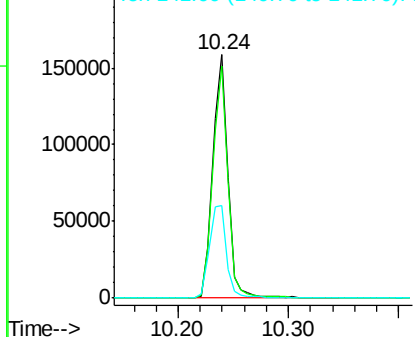


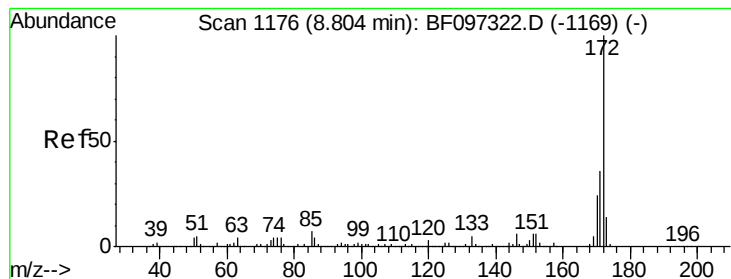
#41
2,4,6-Tribromophenol
Concen: 84.22 ng
RT: 10.24 min Scan# 1437
Delta R.T. -0.08 min
Lab File: BF097398.D
Acq: 5 Aug 2017 15:41

Tgt Ion:330 Resp: 148431
Ion Ratio Lower Upper
330 100
332 95.6 76.6 115.0
141 43.0 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

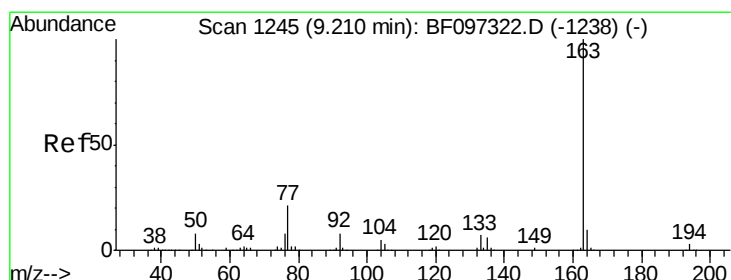
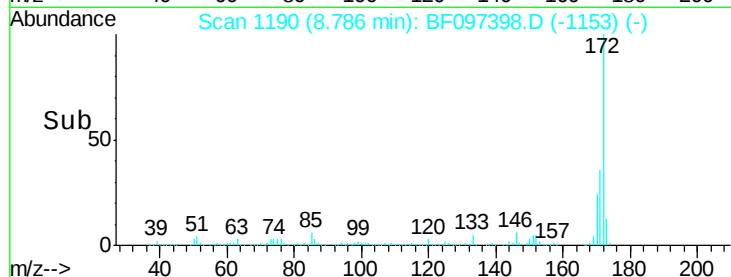
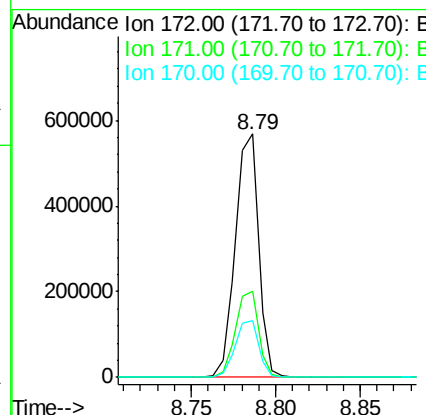
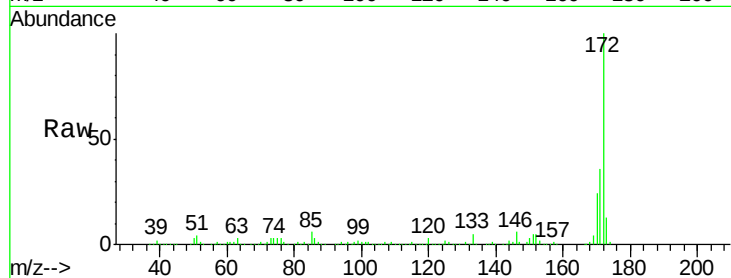




#44
2-Fluorobiphenyl
Concen: 41.34 ng
RT: 8.79 min Scan# 1190
Delta R.T. -0.08 min
Lab File: BF097398.D
Acq: 5 Aug 2017 15:41

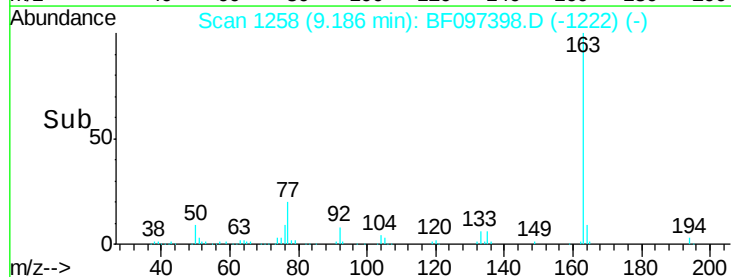
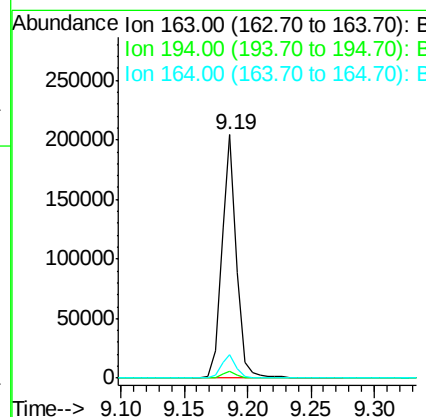
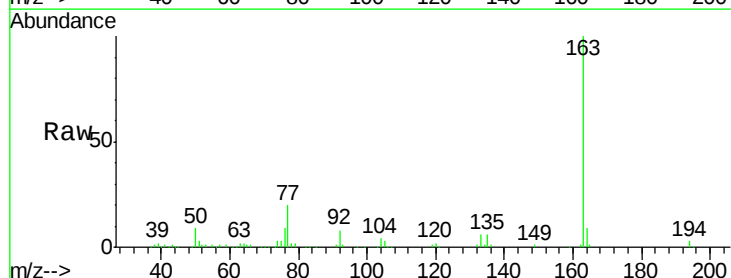
Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.6	44.4
170	23.5	19.8	29.8



#49
Dimethylphthalate
Concen: 9.80 ng
RT: 9.19 min Scan# 1258
Delta R.T. -0.09 min
Lab File: BF097398.D
Acq: 5 Aug 2017 15:41

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.0	2.6	4.0
164	9.5	8.4	12.6

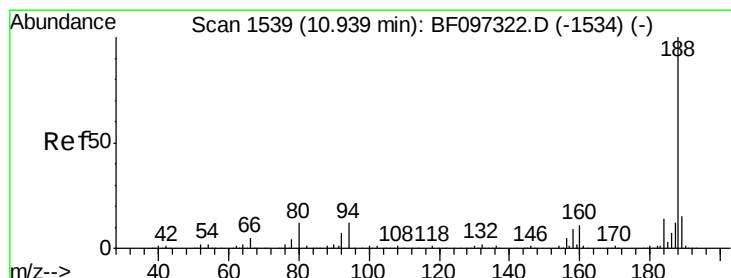
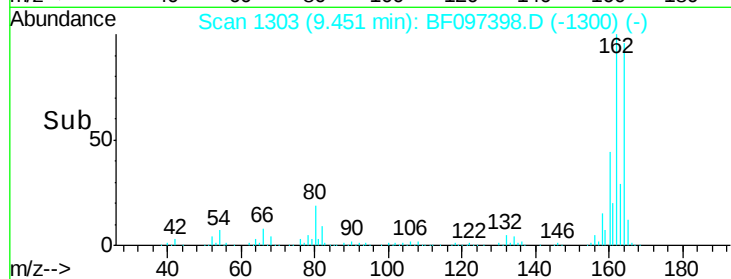
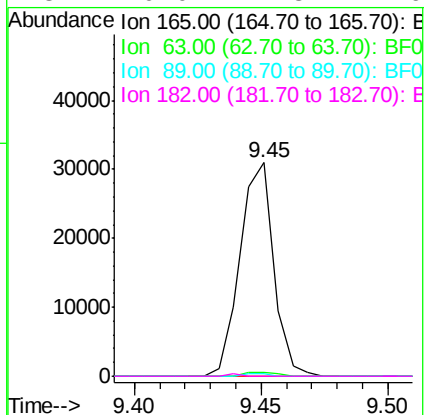
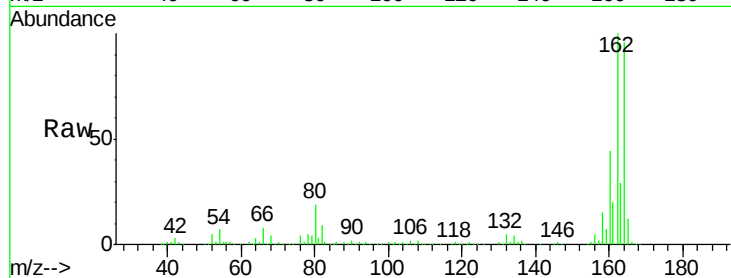




#56
 2,4-Dinitrotoluene
 Concen: 6.92 ng
 RT: 9.45 min Scan# 1303
 Delta R.T. -0.28 min
 Lab File: BF097398.D
 Acq: 5 Aug 2017 15:41

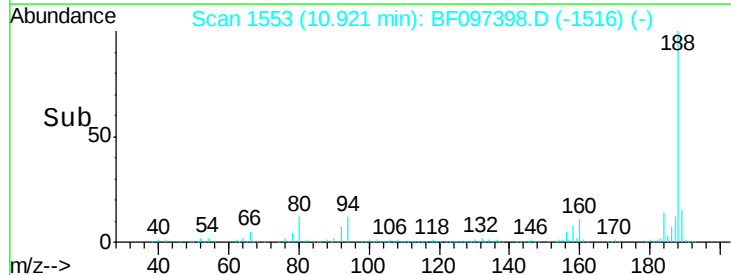
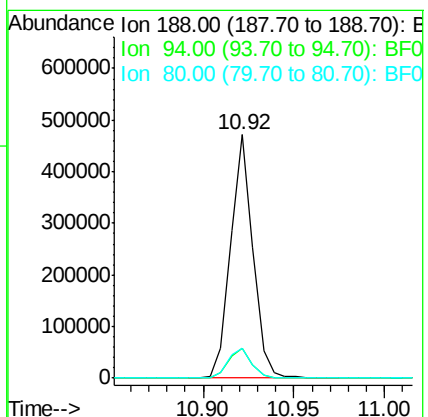
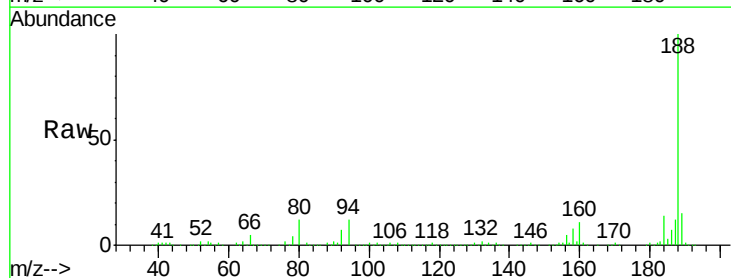
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	165	Resp:	28601
Ion	Ratio	Lower	Upper
165	100		
63	1.8	25.4	38.0#
89	1.1	46.4	69.6#
182	0.0	1.8	2.6#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 10.92 min Scan# 1553
 Delta R.T. -0.08 min
 Lab File: BF097398.D
 Acq: 5 Aug 2017 15:41

Tgt Ion:	188	Resp:	404217
Ion	Ratio	Lower	Upper
188	100		
94	12.1	9.4	14.2
80	12.4	10.2	15.2

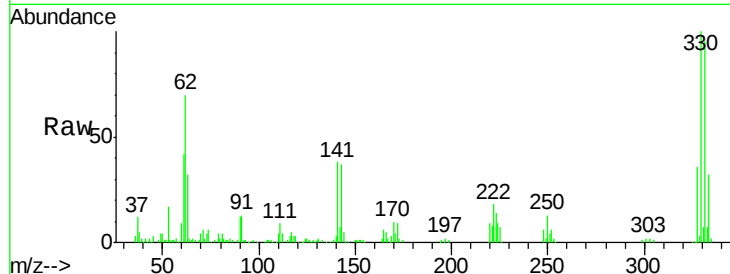




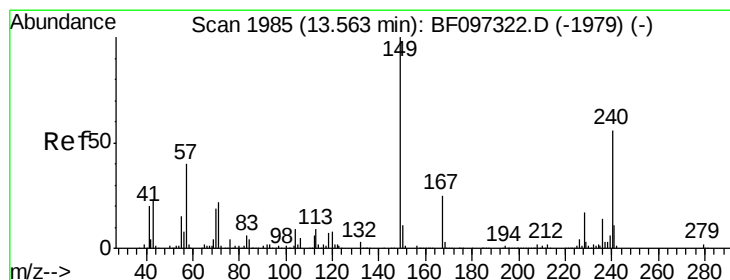
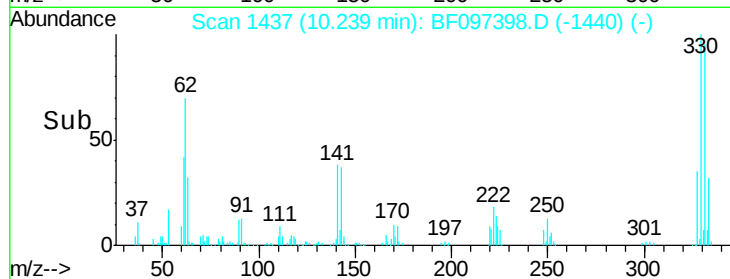
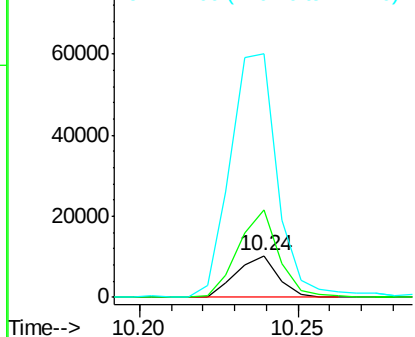
#66
 4-Bromophenyl-phenylether
 Concen: 2.30 ng
 RT: 10.24 min Scan# 1437
 Delta R.T. -0.32 min
 Lab File: BF097398.D
 Acq: 5 Aug 2017 15:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 9275
 Ion Ratio Lower Upper
 248 100
 250 209.9 76.8 115.2#
 141 588.4 68.6 103.0#

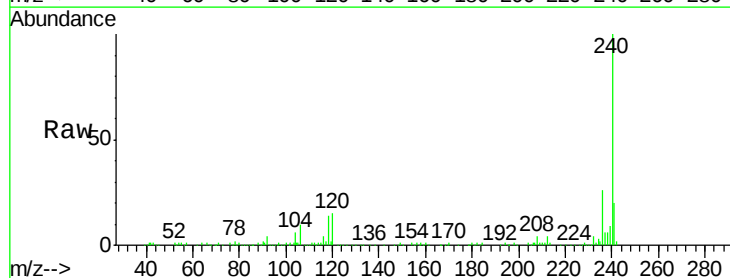


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

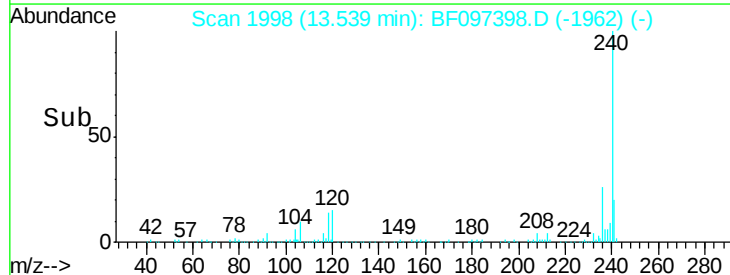
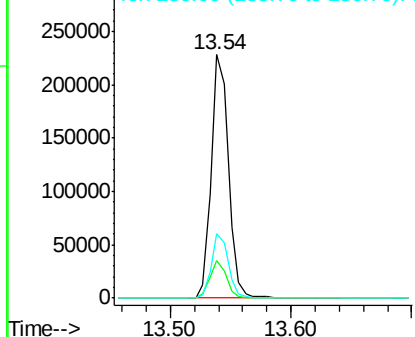


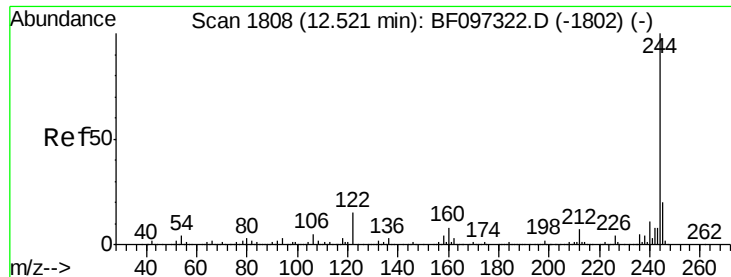
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.54 min Scan# 1998
 Delta R.T. -0.09 min
 Lab File: BF097398.D
 Acq: 5 Aug 2017 15:41

Tgt Ion:240 Resp: 222504
 Ion Ratio Lower Upper
 240 100
 120 15.4 5.8 8.8#
 236 26.5 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

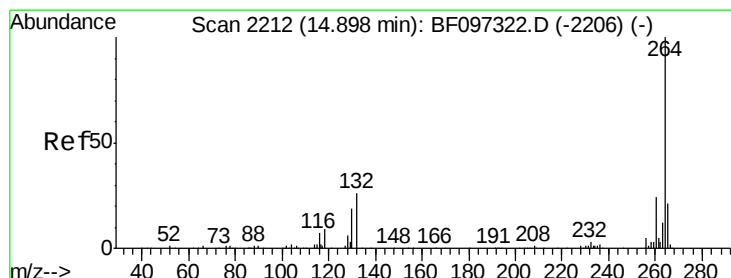
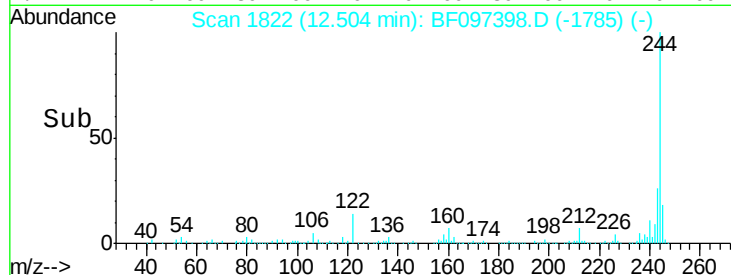
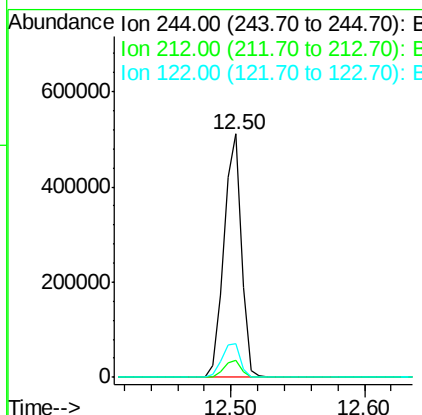
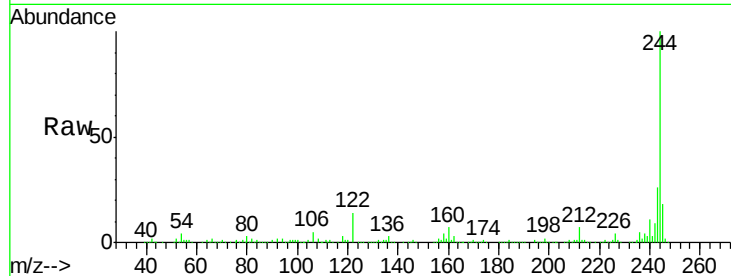




#78
 Terphenyl-d14
 Concen: 43.44 ng
 RT: 12.50 min Scan# 1822
 Delta R.T. -0.08 min
 Lab File: BF097398.D
 Acq: 5 Aug 2017 15:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 474018
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.0 9.0
 122 13.6 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.88 min Scan# 2226
 Delta R.T. -0.09 min
 Lab File: BF097398.D
 Acq: 5 Aug 2017 15:41

Tgt Ion:264 Resp: 205566
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.5 29.3
 265 21.3 17.2 25.8

