

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072417\
 Data File : BF097000.D
 Acq On : 24 Jul 2017 22:15
 Operator : SJ/JU
 Sample : I4360-11
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 295-N-1-(0-2)

Quant Time: Jul 25 01:45:01 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 25 01:37:00 2017
 Response via : Initial Calibration

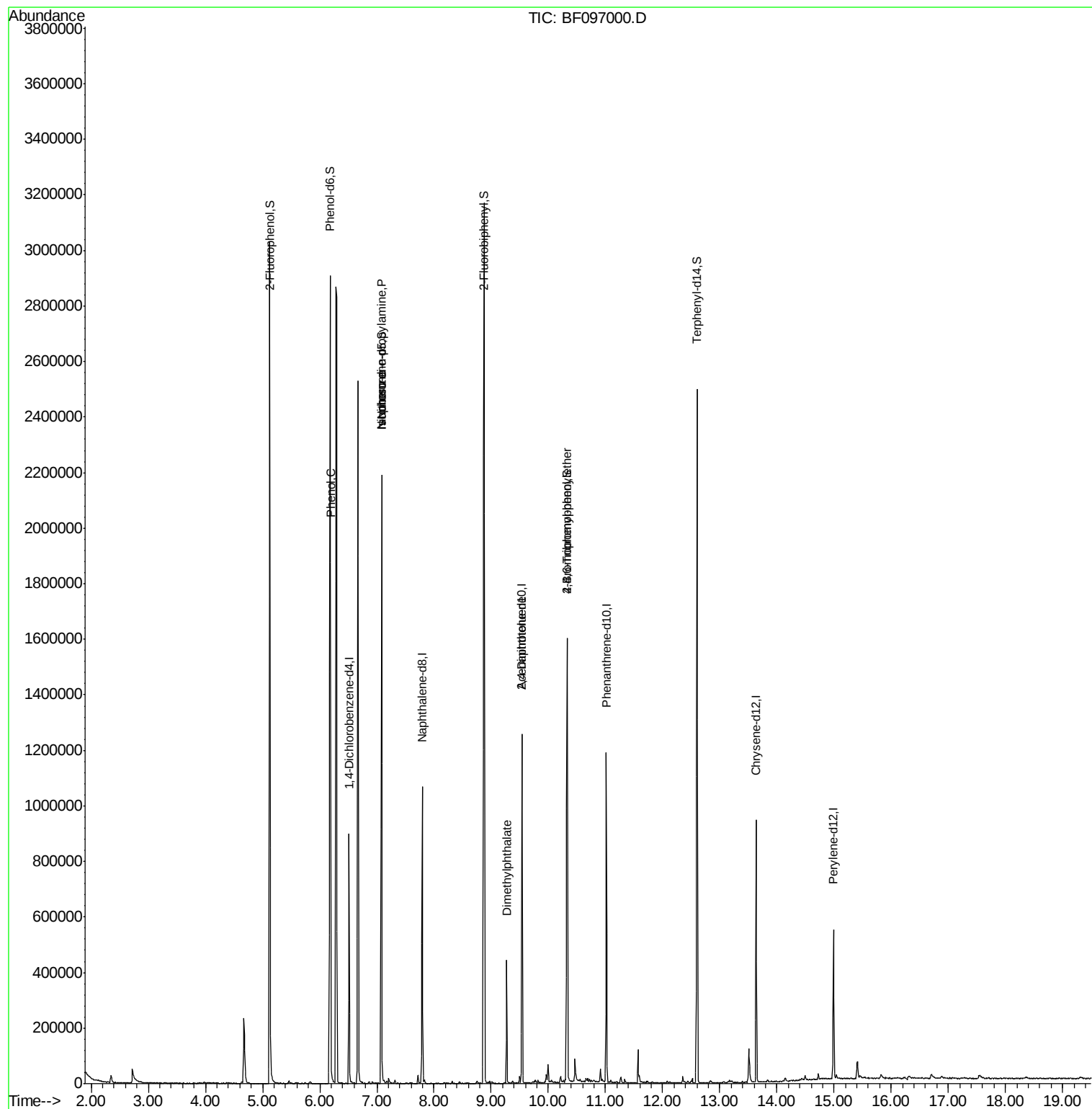
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.52	152	133668	20.00	ng	-0.02
21) Naphthalene-d8	7.79	136	518403	20.00	ng	-0.04
38) Acenaphthene-d10	9.54	164	255176	20.00	ng	-0.04
63) Phenanthrene-d10	11.02	188	401949	20.00	ng	-0.04
75) Chrysene-d12	13.64	240	302657	20.00	ng	-0.04
86) Perylene-d12	14.99	264	205079	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.13	112	922868	103.81	ng	-0.02
7) Phenol-d6	6.18	99	1111694	104.21	ng	-0.04
23) Nitrobenzene-d5	7.08	82	712823	85.17	ng	-0.04
41) 2,4,6-Tribromophenol	10.33	330	204438	93.86	ng	-0.03
44) 2-Fluorobiphenyl	8.87	172	1103896	68.35	ng	-0.04
78) Terphenyl-d14	12.60	244	835689	47.89	ng	-0.03
Target Compounds						
10) Phenol	6.19	94	39902	3.31	ng	Qvalue 93
19) n-Nitroso-di-n-propylamine	7.08	70	96138	14.96	ng	# 87
25) Isophorone	7.08	82	710415	45.63	ng	# 67
49) Dimethylphthalate	9.27	163	178899	9.31	ng	99
56) 2,4-Dinitrotoluene	9.54	165	32542	6.09	ng	# 33
66) 4-Bromophenyl-phenylether	10.33	248	13150	3.20	ng	# 1

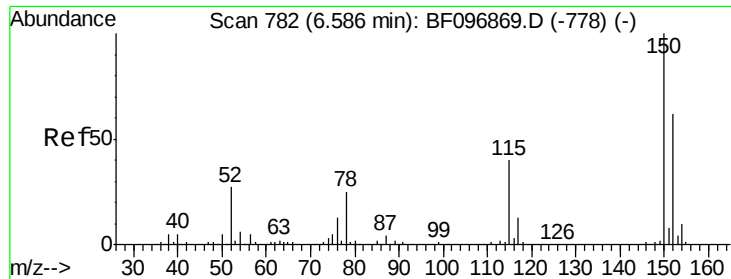
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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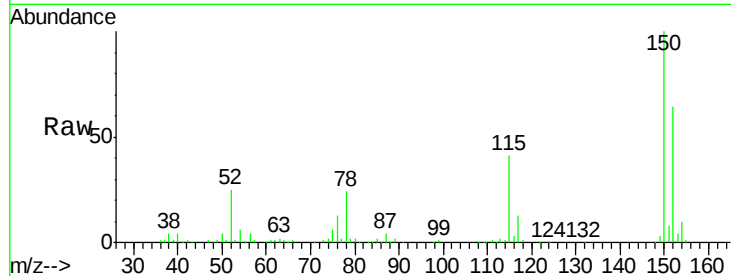


#1

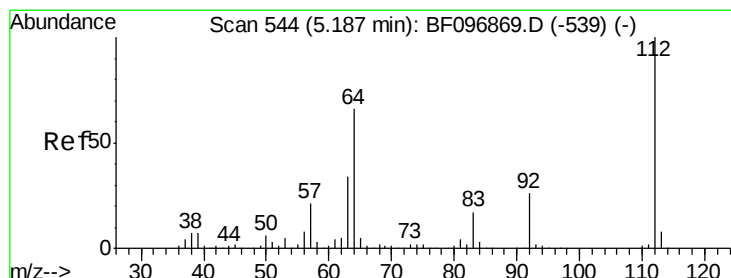
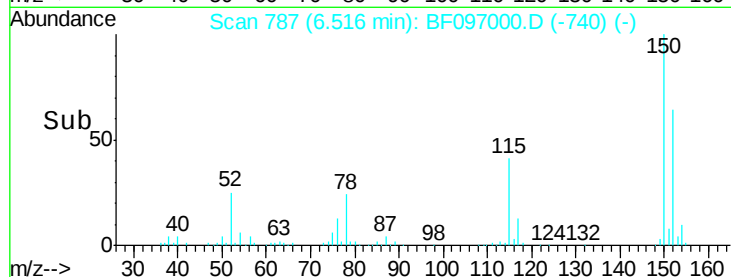
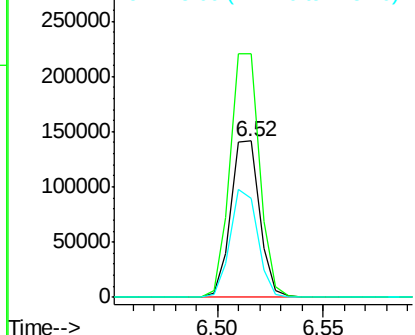
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.52 min Scan# 787
Delta R.T. -0.02 min
Lab File: BF097000.D
Acq: 24 Jul 2017 22:15

Instrument :
BNA_F
ClientSampleId :
295-N-1-(0-2)

Tot Ion:152 Resp: 133668
Ion Ratio Lower Upper
152 100
150 155.8 126.2 189.2
115 63.2 52.2 78.2



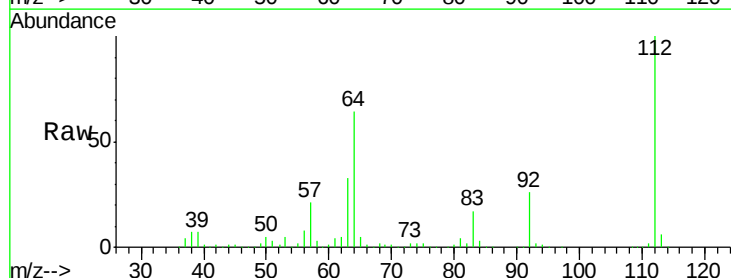
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



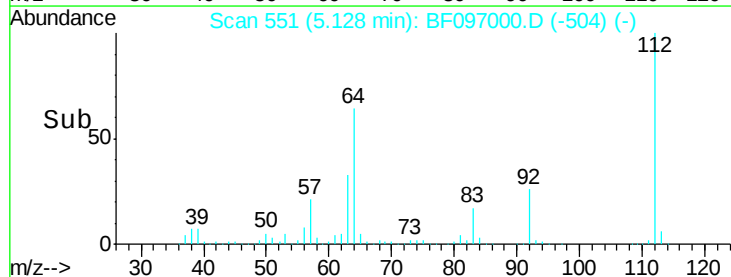
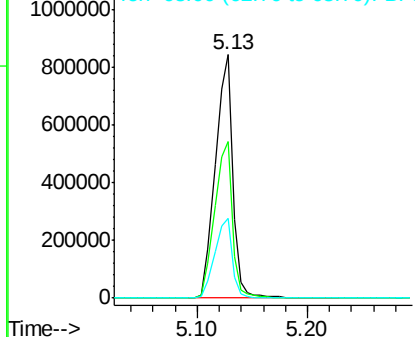
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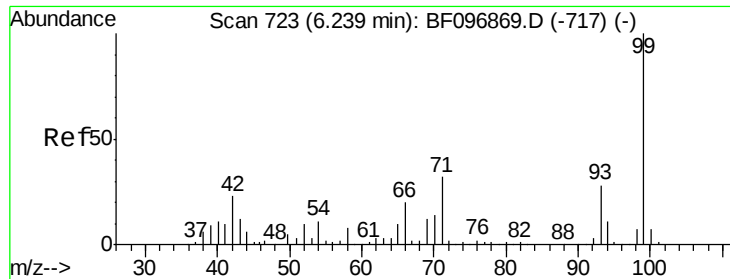
2-Fluorophenol
Concen: 103.81 ng
RT: 5.13 min Scan# 551
Delta R.T. -0.02 min
Lab File: BF097000.D
Acq: 24 Jul 2017 22:15

Tgt Ion:112 Resp: 922868
Ion Ratio Lower Upper
112 100
64 64.5 46.0 69.0
63 32.7 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: 104.21 ng

RT: 6.18 min Scan# 730

Delta R.T. -0.04 min

Lab File: BF097000.D

Acq: 24 Jul 2017 22:15

Instrument :

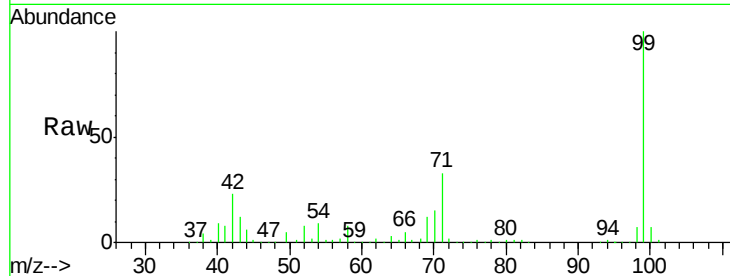
BNA_F

ClientSampleId :

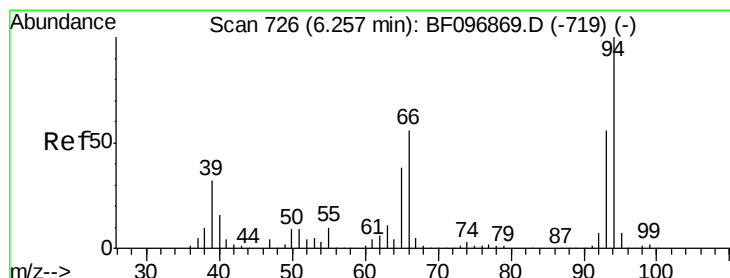
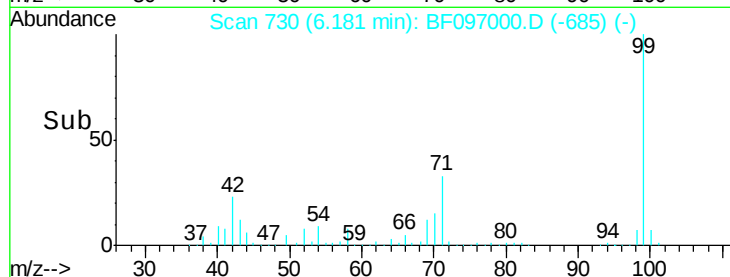
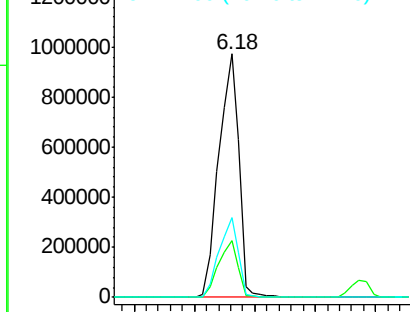
295-N-1-(0-2)

Tot Ion: 99 Resp: 1111694

Ion	Ratio	Lower	Upper
99	100		
42	23.4	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: 3.31 ng

RT: 6.19 min Scan# 732

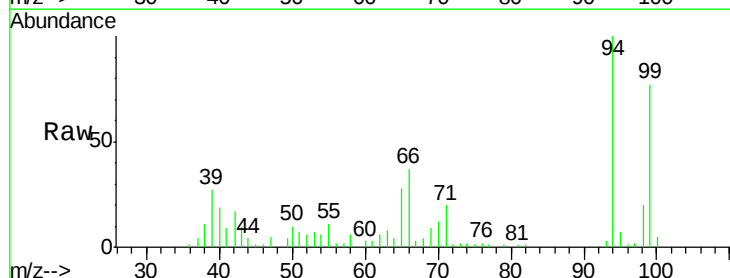
Delta R.T. -0.04 min

Lab File: BF097000.D

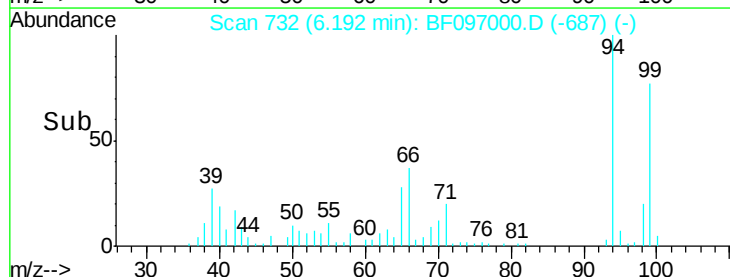
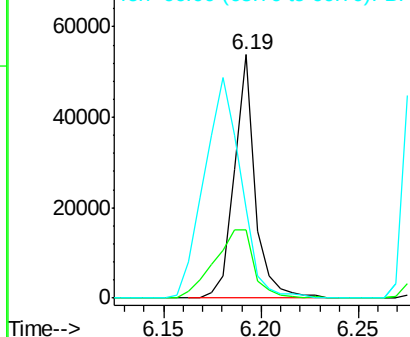
Acq: 24 Jul 2017 22:15

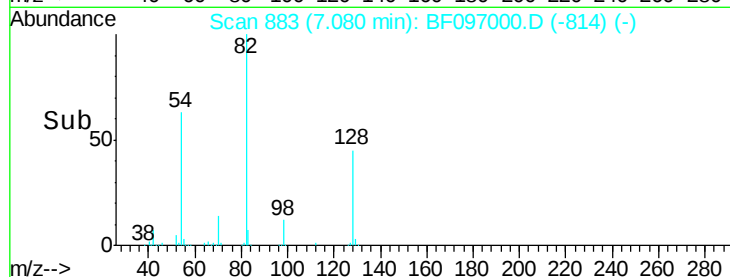
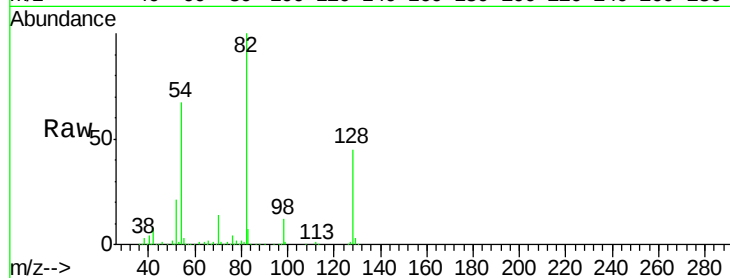
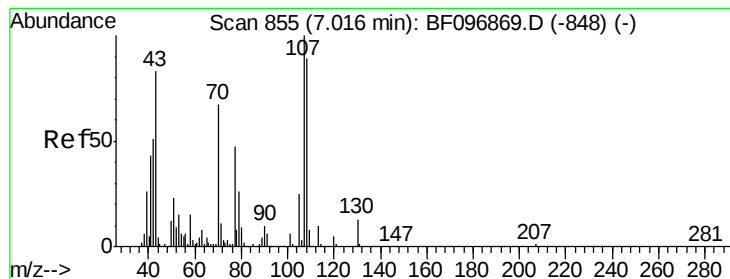
Tgt Ion: 94 Resp: 39902

Ion	Ratio	Lower	Upper
94	100		
65	28.3	9.9	49.9
66	37.2	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: 14.96 ng

RT: 7.08 min Scan# 883

Delta R.T. 0.11 min

Lab File: BF097000.D

Acq: 24 Jul 2017 22:15

Instrument :

BNA_F

ClientSampleId :

295-N-1-(0-2)

Tot Ion: 70 Resp: 96138

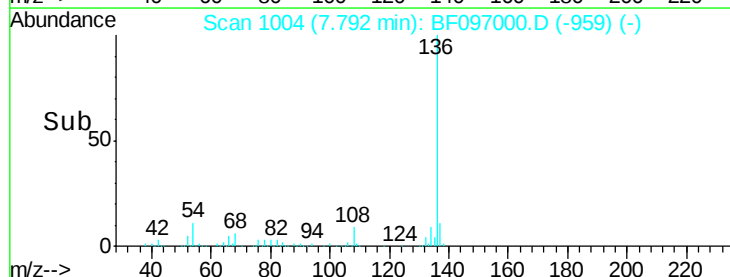
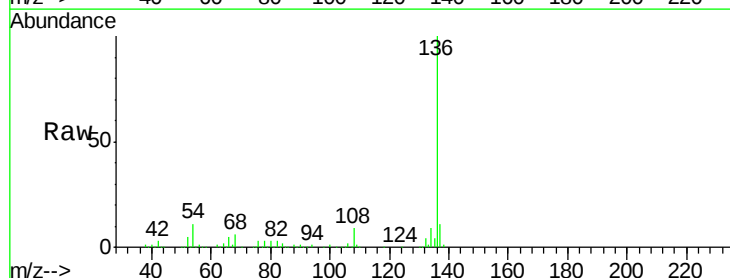
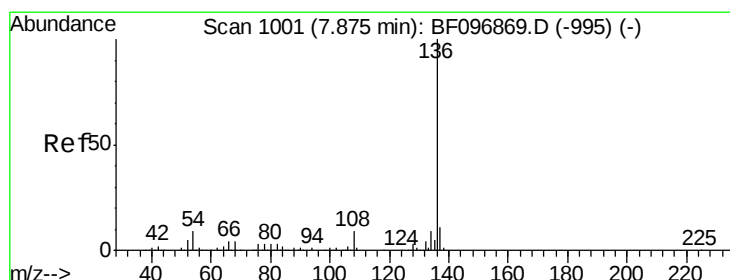
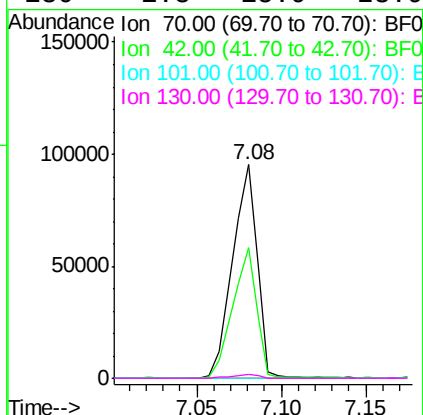
Ion Ratio Lower Upper

70 100

42 61.2 47.2 70.8

101 0.0 7.2 10.8#

130 1.8 15.9 23.9#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.79 min Scan# 1004

Delta R.T. -0.04 min

Lab File: BF097000.D

Acq: 24 Jul 2017 22:15

Tgt Ion:136 Resp: 518403

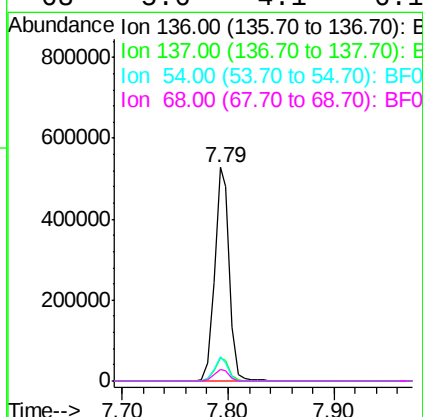
Ion Ratio Lower Upper

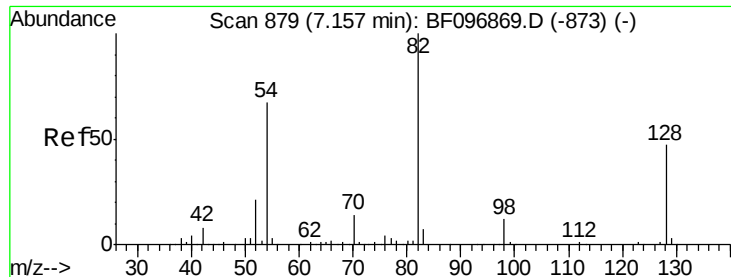
136 100

137 10.8 8.5 12.7

54 11.4 4.9 7.3#

68 5.6 4.1 6.1

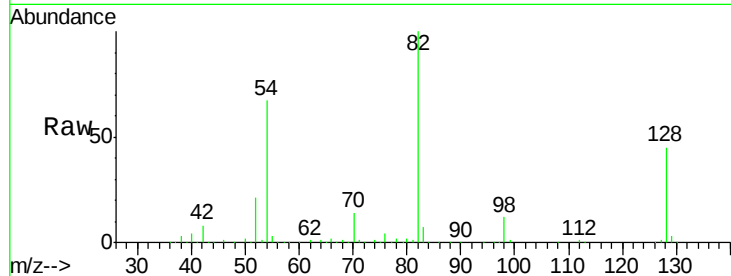




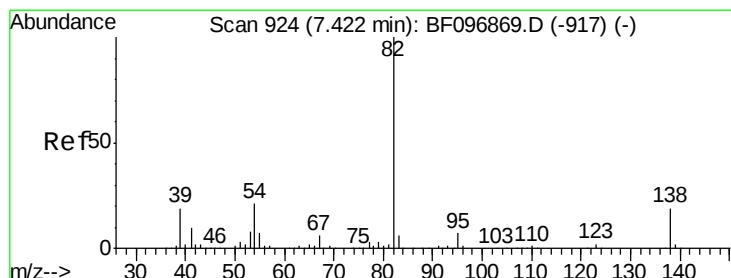
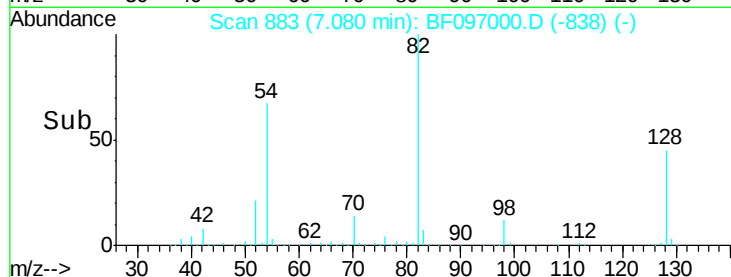
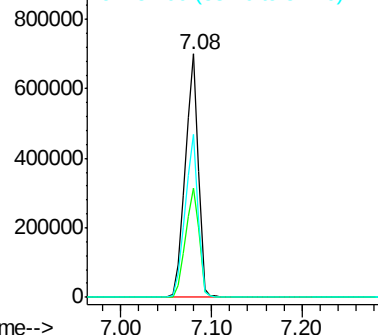
#23
 Nitrobenzene-d5
 Concen: 85.17 ng
 RT: 7.08 min Scan# 883
 Delta R.T. -0.04 min
 Lab File: BF097000.D
 Acq: 24 Jul 2017 22:15

Instrument :
 BNA_F
 ClientSampleId :
 295-N-1-(0-2)

Tot Ion: 82 Resp: 712823
 Ion Ratio Lower Upper
 82 100
 128 44.8 34.0 51.0
 54 66.8 42.2 63.2#

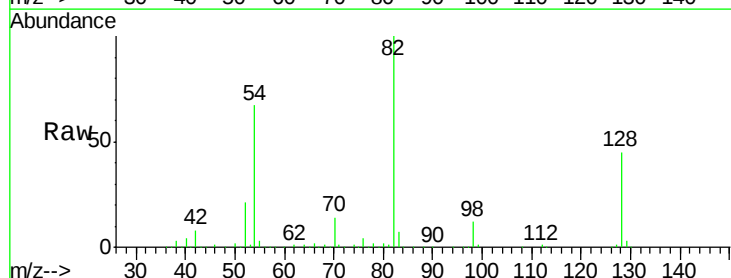


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

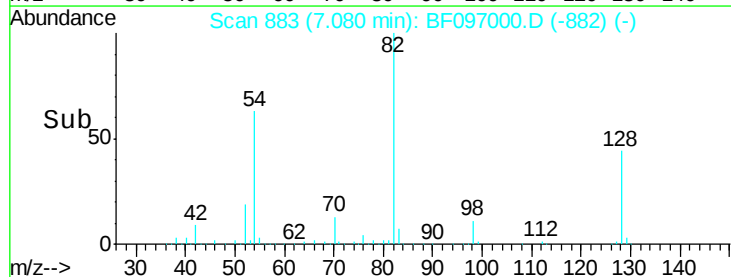
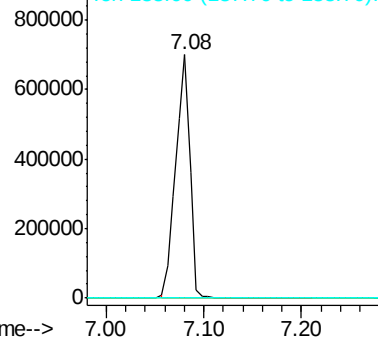


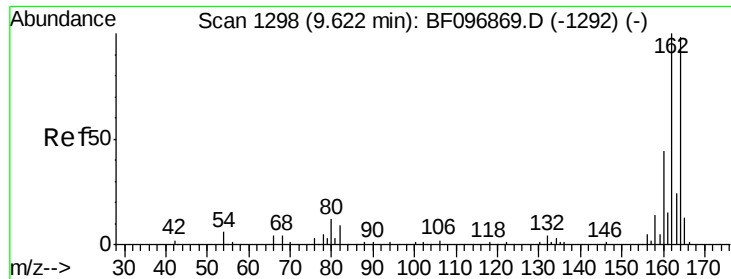
#25
 Isophorone
 Concen: 45.63 ng
 RT: 7.08 min Scan# 883
 Delta R.T. -0.29 min
 Lab File: BF097000.D
 Acq: 24 Jul 2017 22:15

Tgt Ion: 82 Resp: 710415
 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): BF0

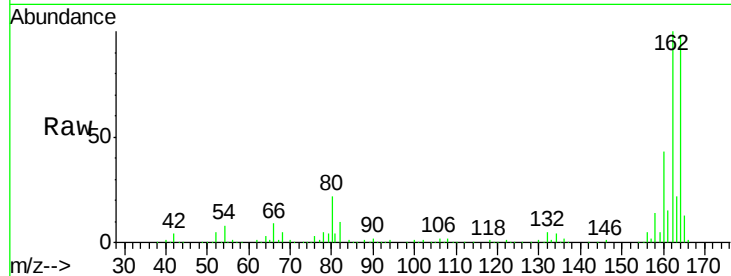




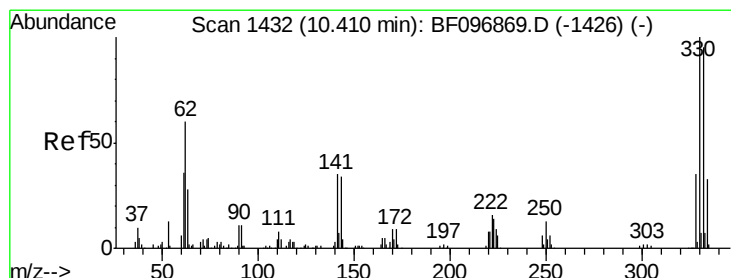
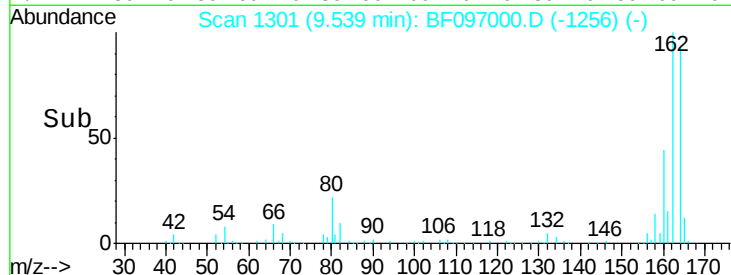
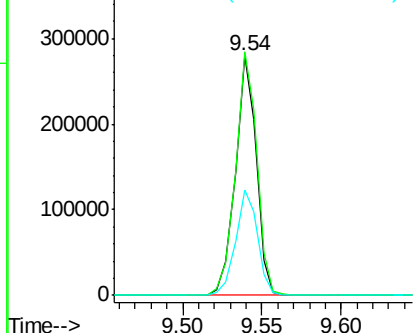
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.54 min Scan# 1301
 Delta R.T. -0.04 min
 Lab File: BF097000.D
 Acq: 24 Jul 2017 22:15

Instrument :
 BNA_F
 ClientSampleId :
 295-N-1-(0-2)

Tot Ion:164 Resp: 255176
 Ion Ratio Lower Upper
 164 100
 162 101.8 82.6 123.8
 160 44.2 36.2 54.2

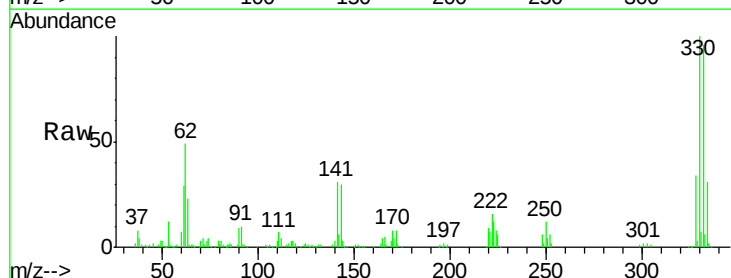


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

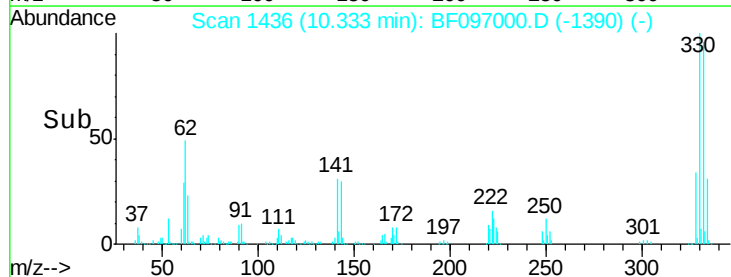
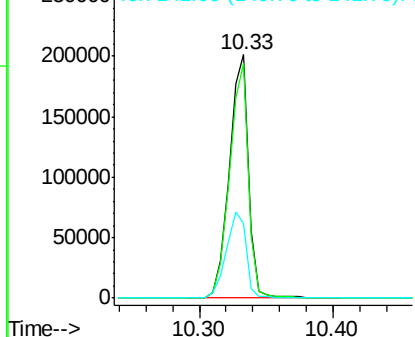


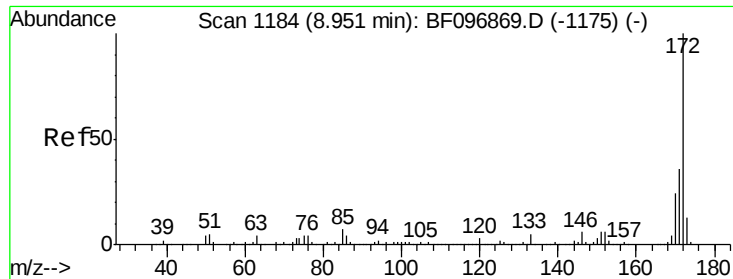
#41
 2,4,6-Tribromophenol
 Concen: 93.86 ng
 RT: 10.33 min Scan# 1436
 Delta R.T. -0.03 min
 Lab File: BF097000.D
 Acq: 24 Jul 2017 22:15

Tgt Ion:330 Resp: 204438
 Ion Ratio Lower Upper
 330 100
 332 94.9 76.6 115.0
 141 37.4 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

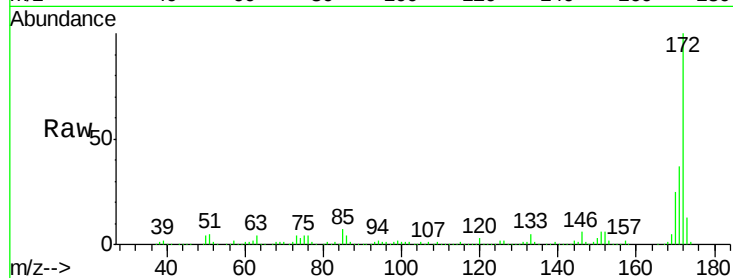




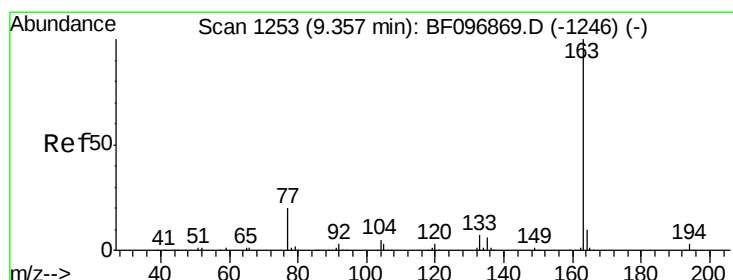
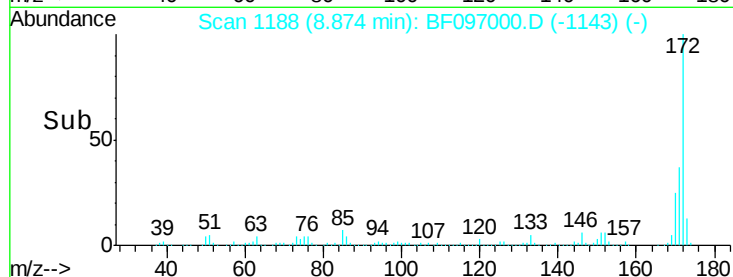
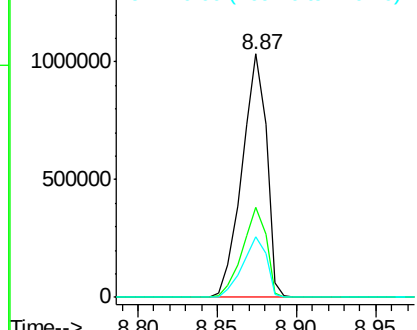
#44
2-Fluorobiphenyl
Concen: 68.35 ng
RT: 8.87 min Scan# 1188
Delta R.T. -0.04 min
Lab File: BF097000.D
Acq: 24 Jul 2017 22:15

Instrument :
BNA_F
ClientSampleId :
295-N-1-(0-2)

Tot Ion:172 Resp: 1103896
Ion Ratio Lower Upper
172 100
171 36.8 29.6 44.4
170 25.0 19.8 29.8

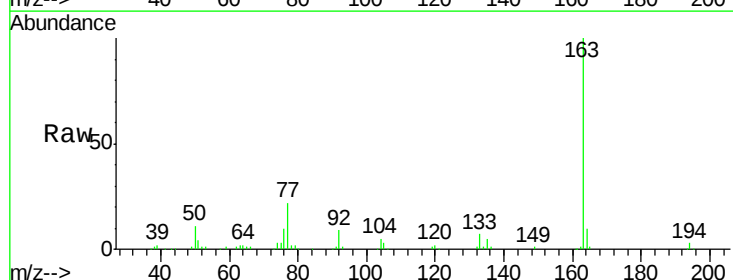


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

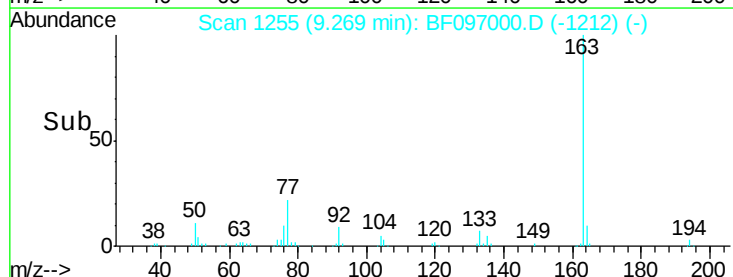
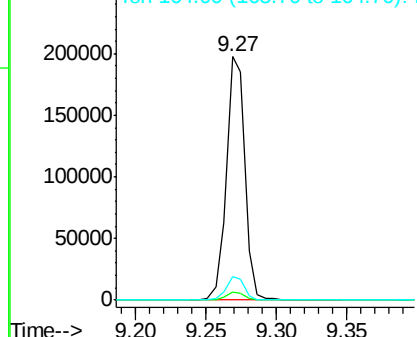


#49
Dimethylphthalate
Concen: 9.31 ng
RT: 9.27 min Scan# 1255
Delta R.T. -0.05 min
Lab File: BF097000.D
Acq: 24 Jul 2017 22:15

Tgt Ion:163 Resp: 178899
Ion Ratio Lower Upper
163 100
194 3.2 2.6 4.0
164 9.9 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

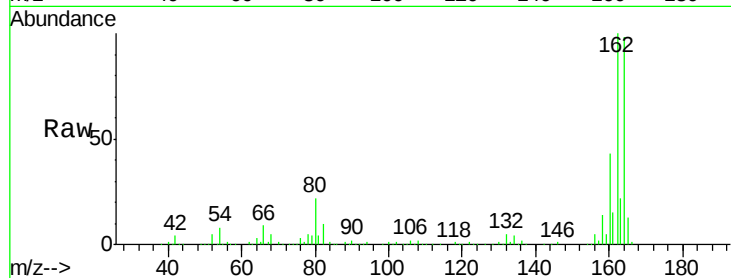




#56
 2,4-Dinitrotoluene
 Concen: 6.09 ng
 RT: 9.54 min Scan# 1301
 Delta R.T. -0.24 min
 Lab File: BF097000.D
 Acq: 24 Jul 2017 22:15

Instrument :
 BNA_F
 ClientSampleId :
 295-N-1-(0-2)

Tot Ion:	165	Resp:	32542
Ion	Ratio	Lower	Upper
165	100		
63	1.5	25.4	38.0#
89	0.9	46.4	69.6#
182	0.0	1.8	2.6#

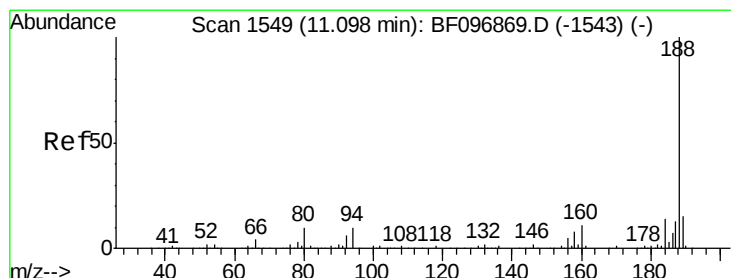
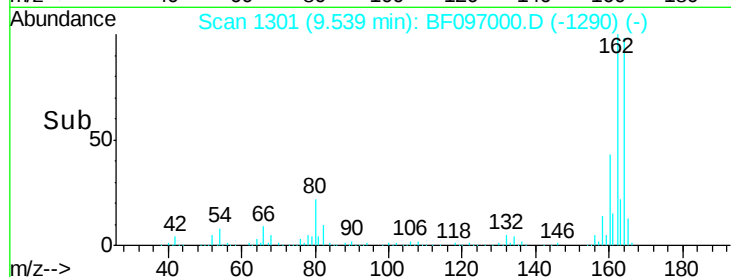
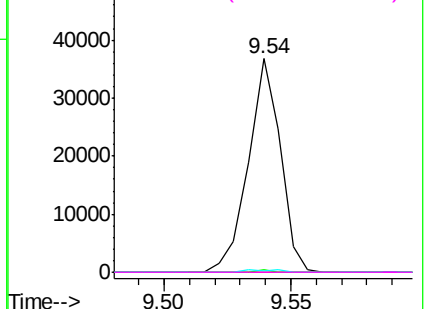


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

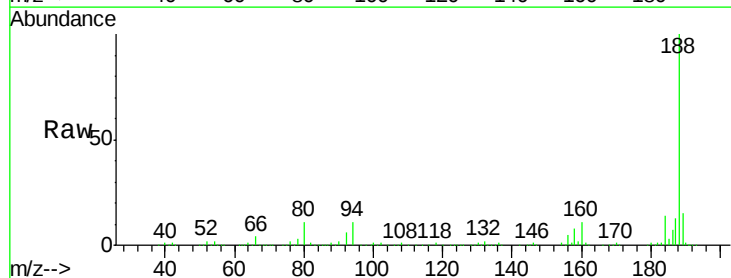
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.02 min Scan# 1552
 Delta R.T. -0.04 min
 Lab File: BF097000.D
 Acq: 24 Jul 2017 22:15

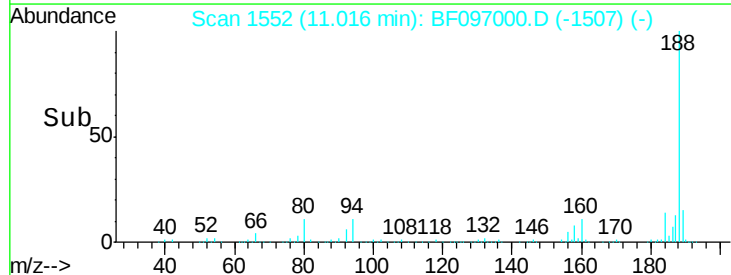
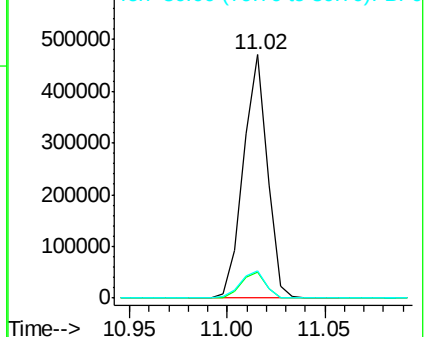
Tgt Ion:	188	Resp:	401949
Ion	Ratio	Lower	Upper
188	100		
94	10.8	9.4	14.2
80	11.3	10.2	15.2

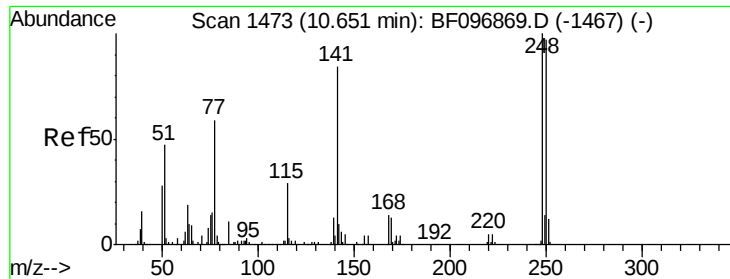


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

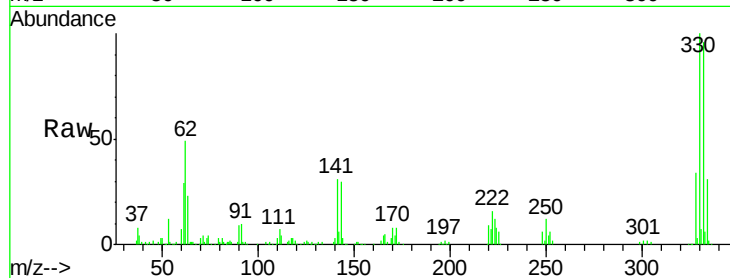




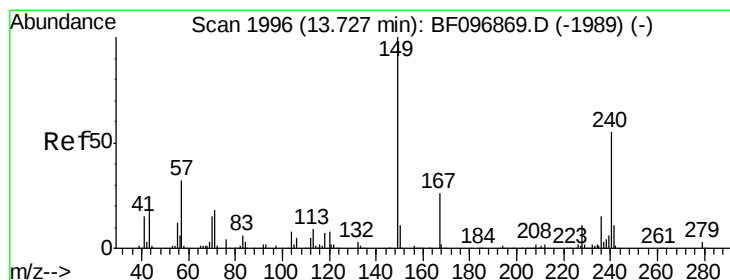
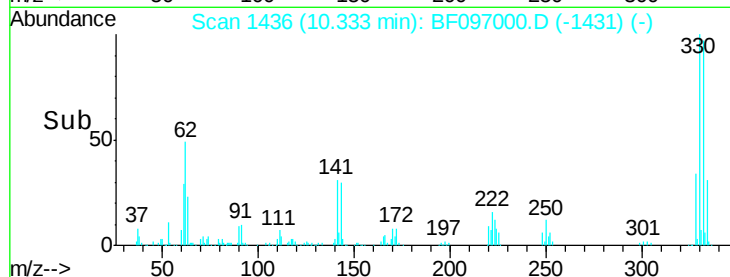
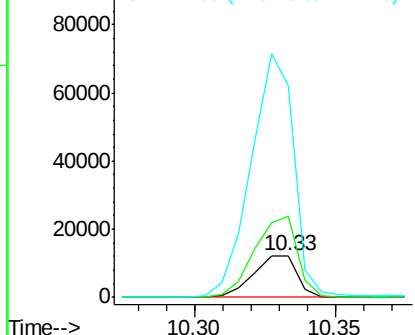
#66
 4-Bromophenyl-phenylether
 Concen: 3.20 ng
 RT: 10.33 min Scan# 1436
 Delta R.T. -0.27 min
 Lab File: BF097000.D
 Acq: 24 Jul 2017 22:15

Instrument :
 BNA_F
 ClientSampleId :
 295-N-1-(0-2)

Tot Ion:248 Resp: 13150
 Ion Ratio Lower Upper
 248 100
 250 194.1 76.8 115.2#
 141 507.3 68.6 103.0#

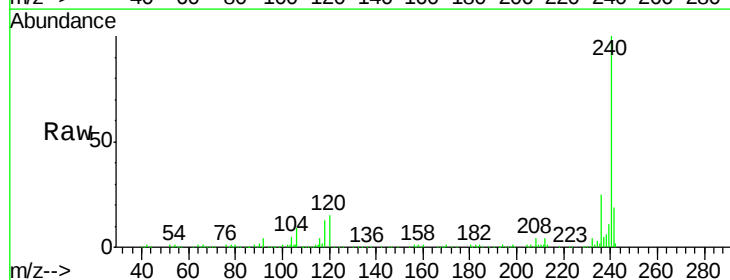


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

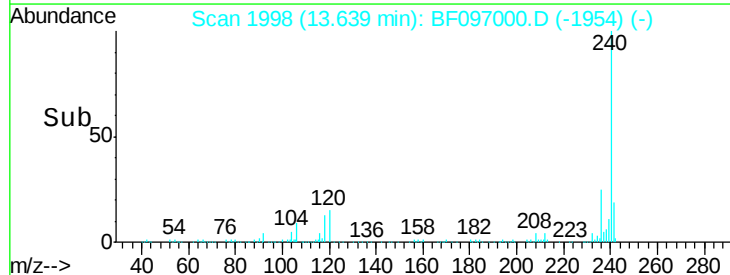
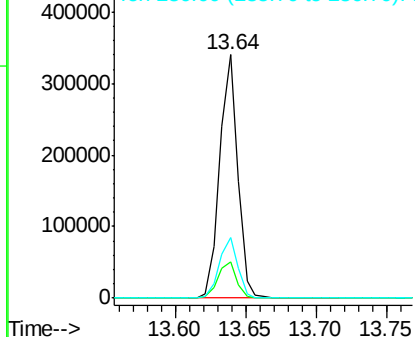


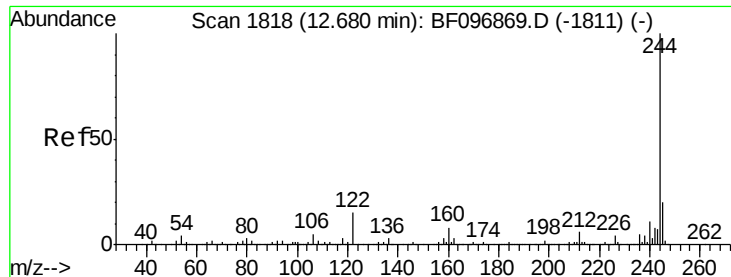
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.64 min Scan# 1998
 Delta R.T. -0.04 min
 Lab File: BF097000.D
 Acq: 24 Jul 2017 22:15

Tgt Ion:240 Resp: 302657
 Ion Ratio Lower Upper
 240 100
 120 14.9 5.8 8.8#
 236 25.0 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

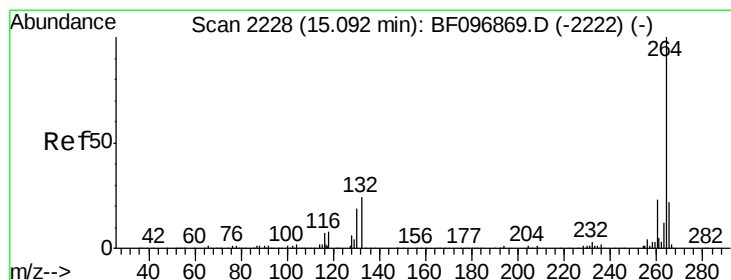
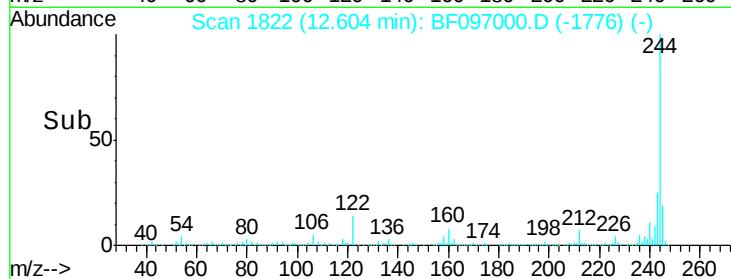
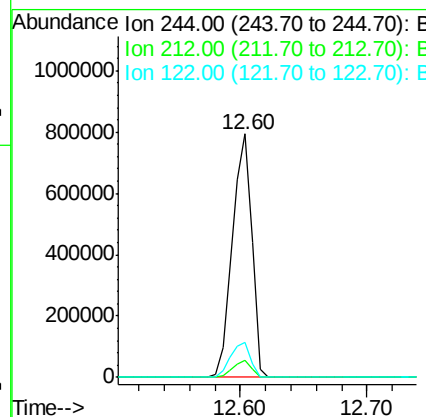
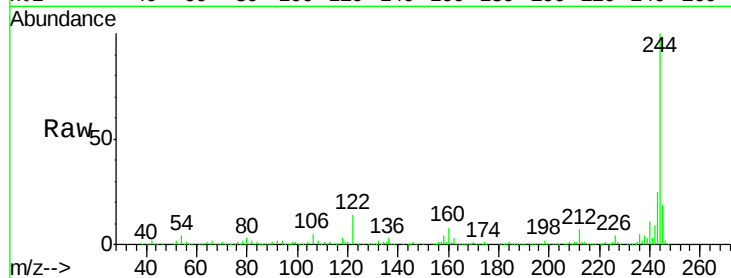




#78
 Terphenyl-d14
 Concen: 47.89 ng
 RT: 12.60 min Scan# 1822
 Delta R.T. -0.03 min
 Lab File: BF097000.D
 Acq: 24 Jul 2017 22:15

Instrument :
 BNA_F
 ClientSampleId :
 295-N-1-(0-2)

Tot Ion:244 Resp: 835689
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 14.4 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.99 min Scan# 2228
 Delta R.T. -0.04 min
 Lab File: BF097000.D
 Acq: 24 Jul 2017 22:15

Tgt Ion:264 Resp: 205079
 Ion Ratio Lower Upper
 264 100
 260 24.7 19.5 29.3
 265 21.5 17.2 25.8

