

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040615\
 Data File : BF078260.D
 Acq On : 6 Apr 2015 16:48
 Operator : TP/IZ
 Sample : G1710-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-18

Quant Time: Apr 07 02:01:52 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 07 02:08:45 2015
 Response via : Initial Calibration

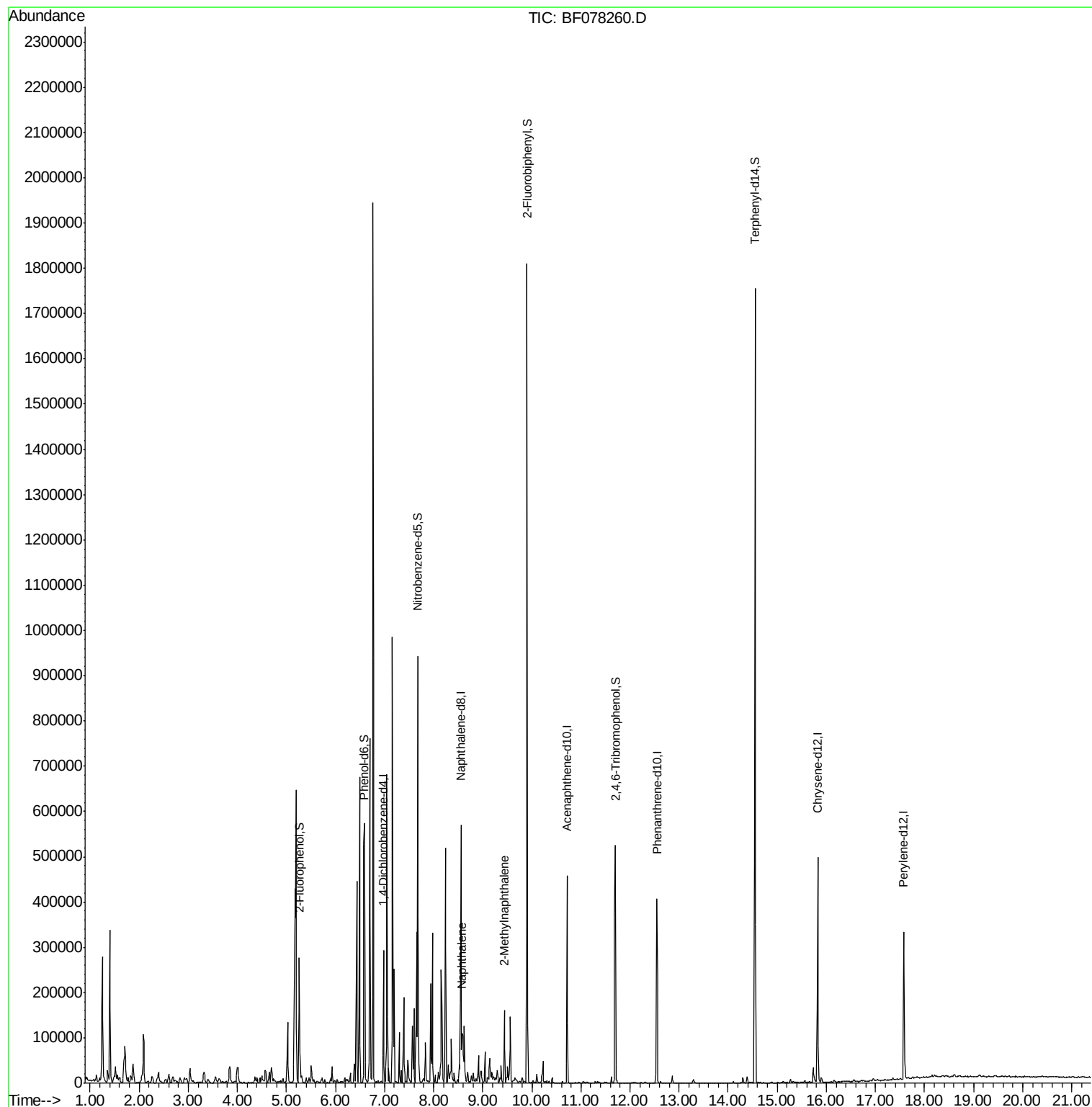
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	46157	20.00	ng	0.00
21) Naphthalene-d8	8.56	136	192738	20.00	ng	0.00
38) Acenaphthene-d10	10.72	164	95522	20.00	ng	0.00
63) Phenanthrene-d10	12.55	188	190806	20.00	ng	-0.01
75) Chrysene-d12	15.83	240	200812	20.00	ng	-0.02
86) Perylene-d12	17.57	264	183673	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	110986	39.65	ng	0.00
7) Phenol-d6	6.58	99	97602	27.82	ng	0.00
23) Nitrobenzene-d5	7.68	82	230791	72.58	ng	0.00
41) 2,4,6-Tribromophenol	11.70	330	77842	98.26	ng	0.00
44) 2-Fluorobiphenyl	9.90	172	555432	83.12	ng	0.00
78) Terphenyl-d14	14.55	244	627839	70.65	ng	0.00
Target Compounds						
31) Naphthalene	8.58	128	56509	5.63	ng	99
37) 2-Methylnaphthalene	9.44	142	50267	7.38	ng	96

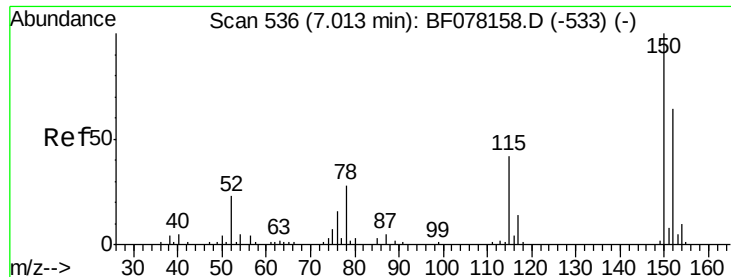
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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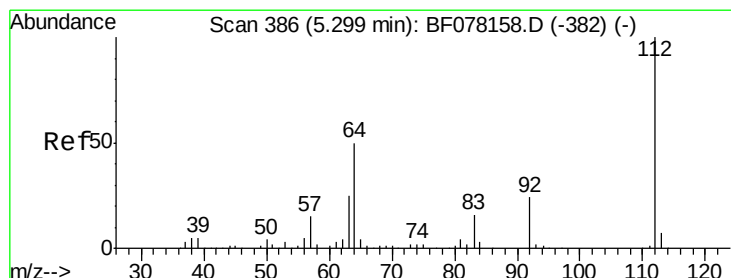
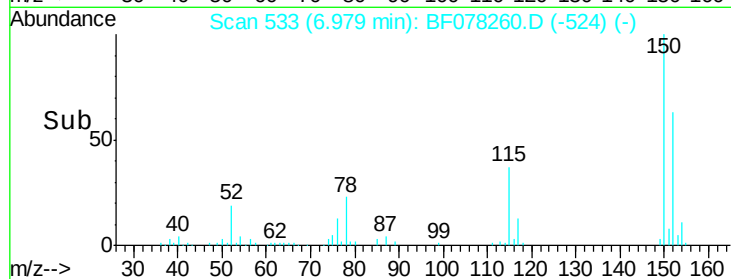
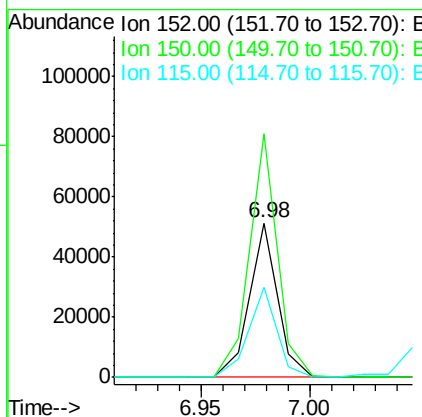
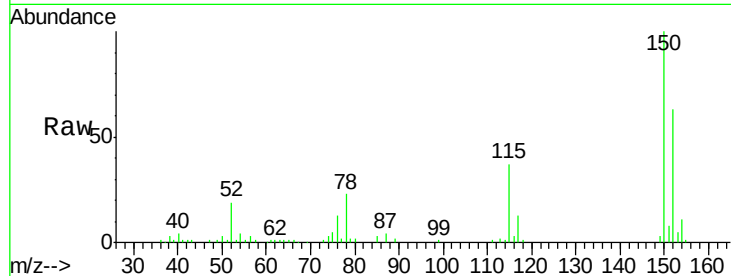


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.98 min Scan# 533
Delta R.T. -0.00 min
Lab File: BF078260.D
Acq: 6 Apr 2015 16:48

Instrument :
BNA_F
ClientSampled :
W-18

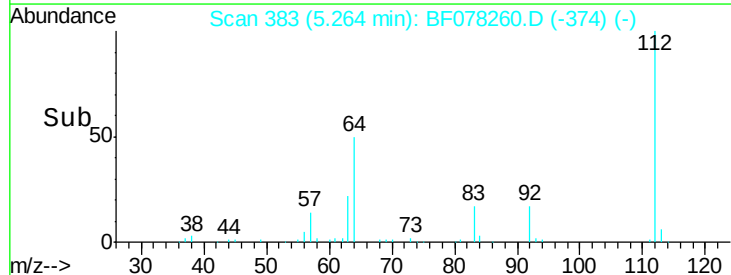
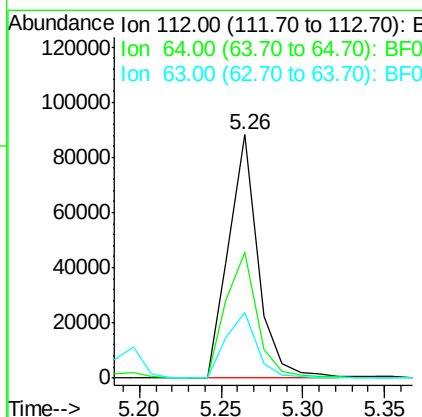
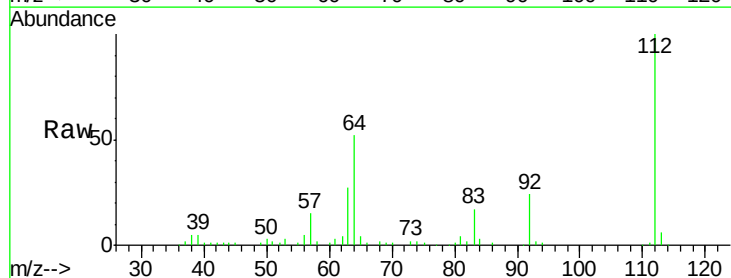
Tot Ion:152 Resp: 46157
Ion Ratio Lower Upper
152 100
150 157.6 125.9 188.9
115 58.3 52.7 79.1

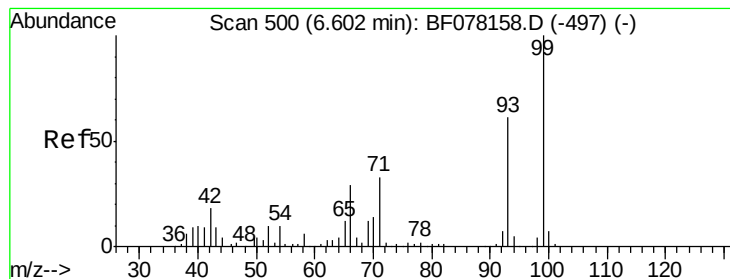


#5

2-Fluorophenol
Concen: 39.65 ng
RT: 5.26 min Scan# 383
Delta R.T. -0.00 min
Lab File: BF078260.D
Acq: 6 Apr 2015 16:48

Tgt Ion:112 Resp: 110986
Ion Ratio Lower Upper
112 100
64 51.5 39.9 59.9
63 26.8 20.2 30.4





#7

Phenol-d6

Concen: 27.82 ng

RT: 6.58 min Scan# 498

Delta R.T. -0.00 min

Lab File: BF078260.D

Acq: 6 Apr 2015 16:48

Instrument :

BNA_F

ClientSampleId :

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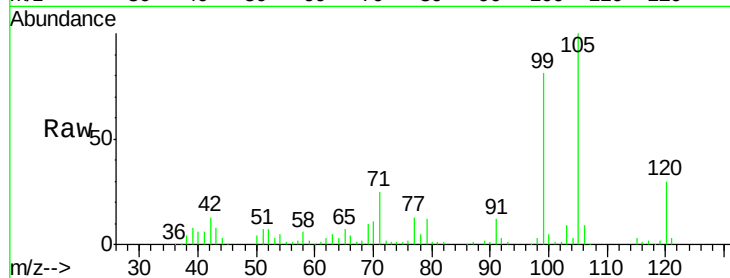
Tot Ion: 99 Resp: 97602

Ion Ratio Lower Upper

99 100

42 16.2 14.8 22.2

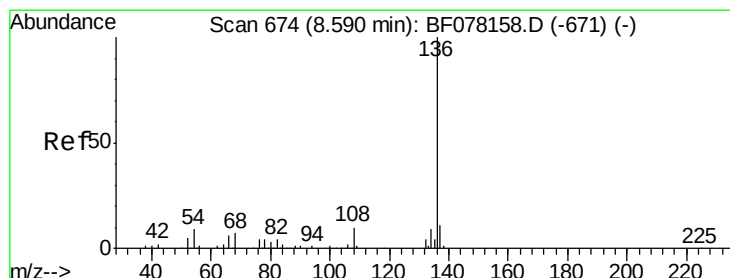
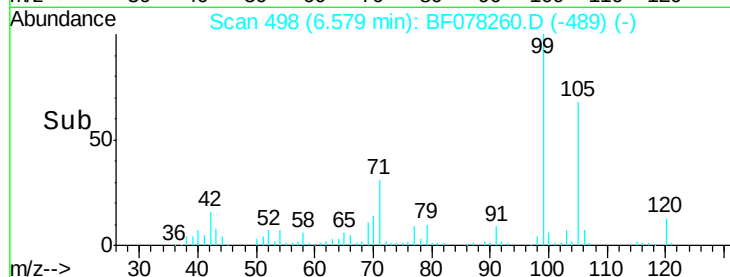
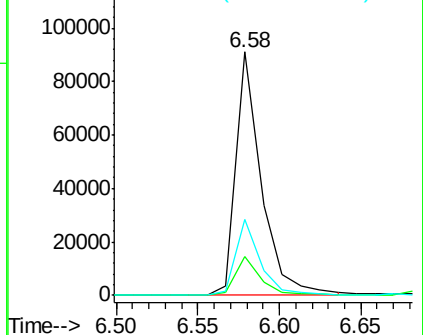
71 31.3 26.6 39.8



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.56 min Scan# 671

Delta R.T. -0.00 min

Lab File: BF078260.D

Acq: 6 Apr 2015 16:48

Tgt Ion: 136 Resp: 192738

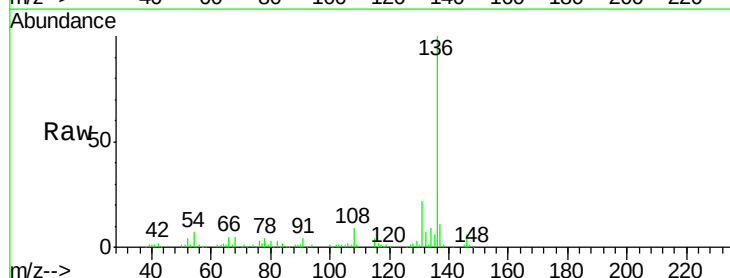
Ion Ratio Lower Upper

136 100

137 10.7 9.0 13.4

54 6.7 7.0 10.6#

68 5.3 5.4 8.2#

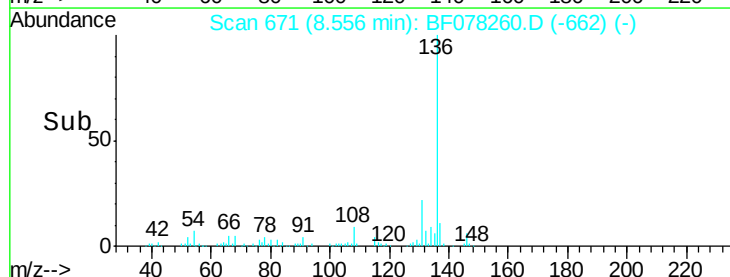
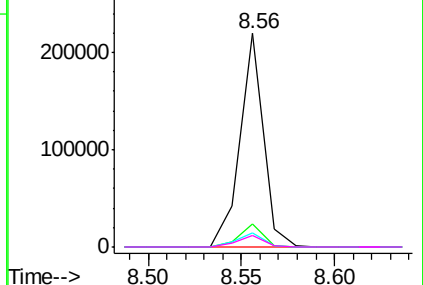


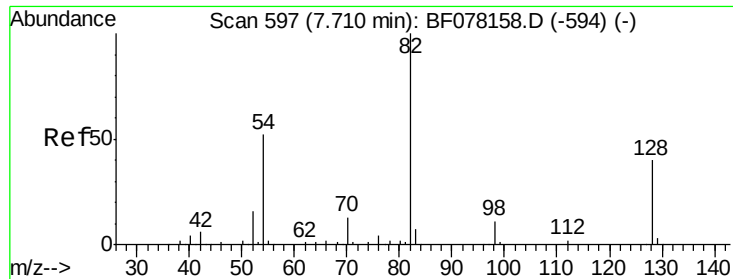
Abundance Ion 136.00 (135.70 to 136.70): E

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

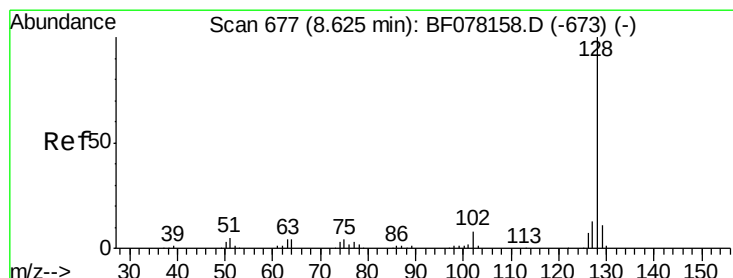
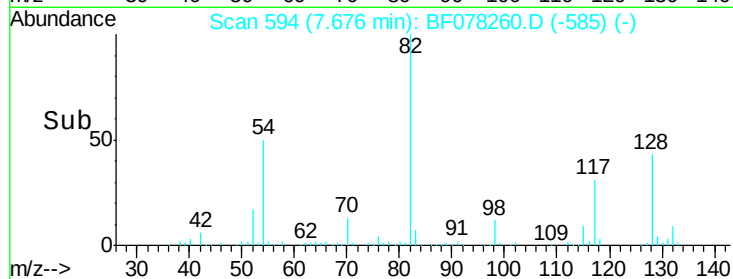
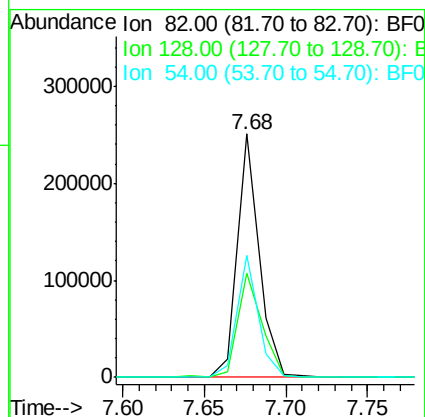
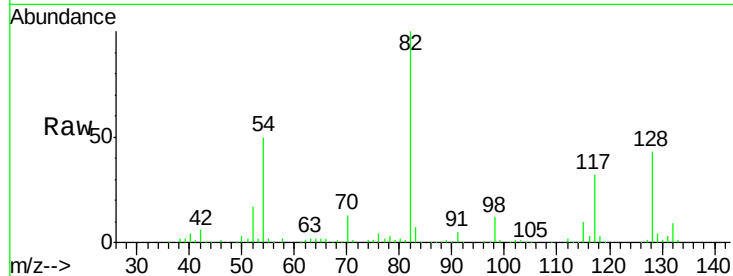




#23
Nitrobenzene-d5
Concen: 72.58 ng
RT: 7.68 min Scan# 594
Delta R.T. -0.00 min
Lab File: BF078260.D
Acq: 6 Apr 2015 16:48

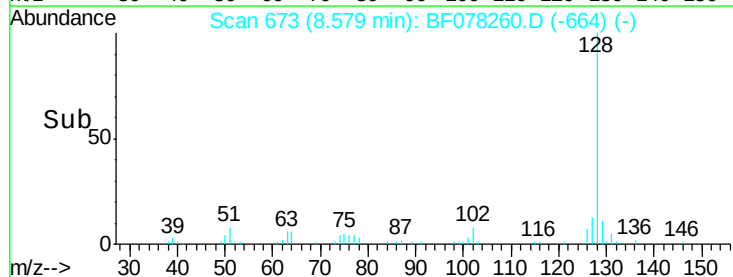
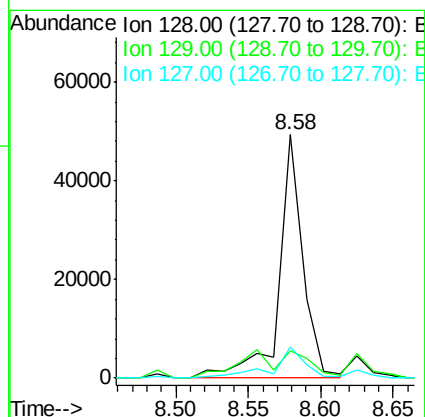
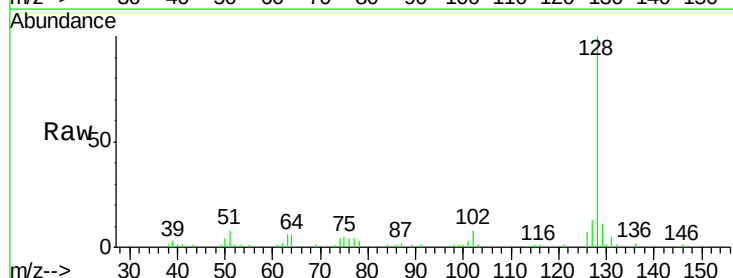
Instrument :
BNA_F
ClientSampleId :
W-18

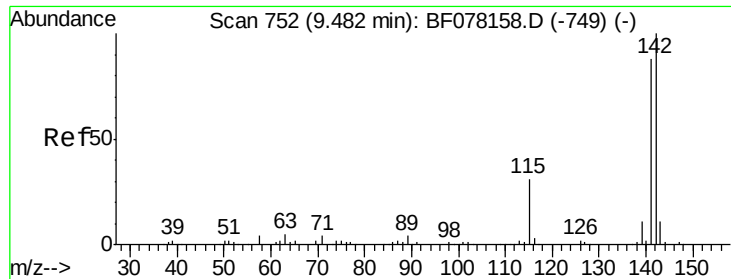
Tot Ion	82	Resp	230791
Ion Ratio	Lower	Upper	
82	100		
128	42.6	31.8	47.8
54	50.0	41.5	62.3



#31
Naphthalene
Concen: 5.63 ng
RT: 8.58 min Scan# 673
Delta R.T. -0.00 min
Lab File: BF078260.D
Acq: 6 Apr 2015 16:48

Tgt Ion	128	Resp	56509
Ion Ratio	Lower	Upper	
128	100		
129	11.2	8.6	12.8
127	13.0	10.7	16.1

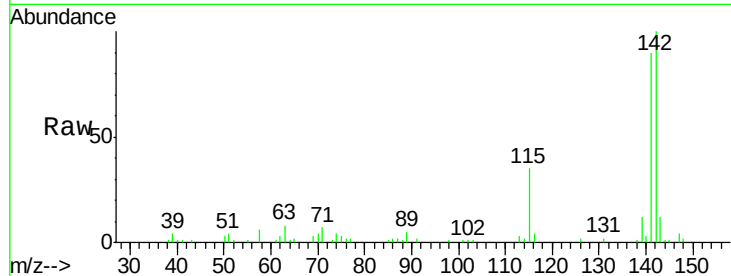




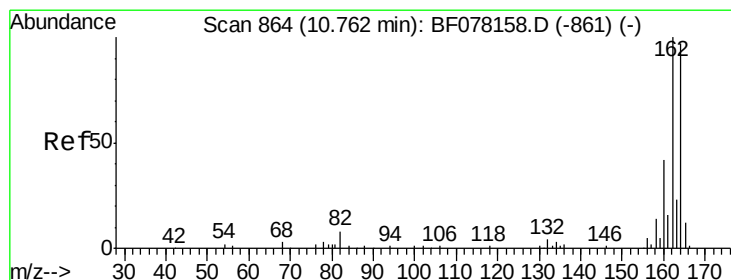
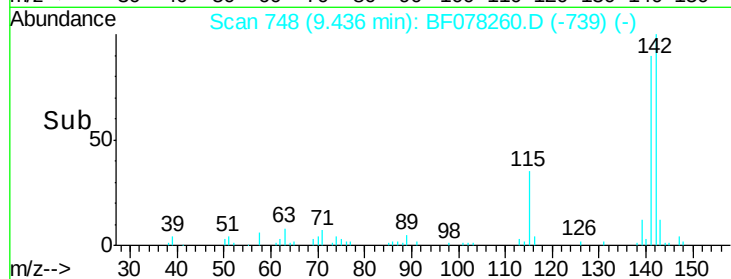
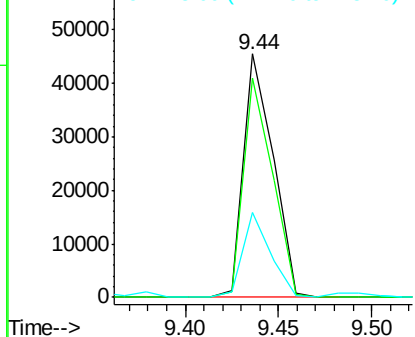
#37
2-Methylnaphthalene
Concen: 7.38 ng
RT: 9.44 min Scan# 748
Delta R.T. -0.00 min
Lab File: BF078260.D
Acq: 6 Apr 2015 16:48

Instrument :
BNA_F
ClientSampled :
W-18

Tot Ion:142 Resp: 50267
Ion Ratio Lower Upper
142 100
141 90.1 70.3 105.5
115 34.8 24.6 37.0

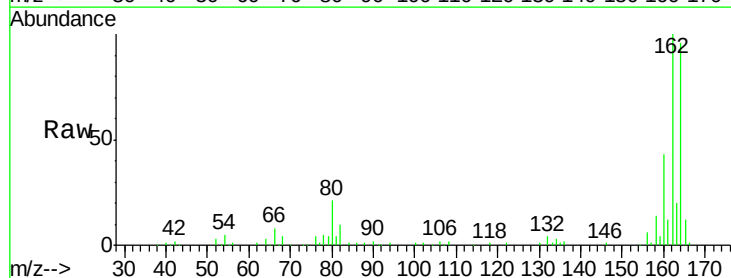


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

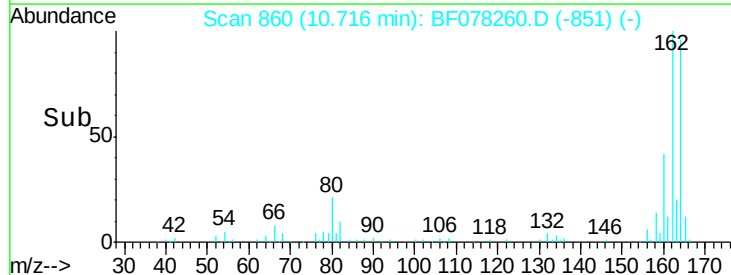
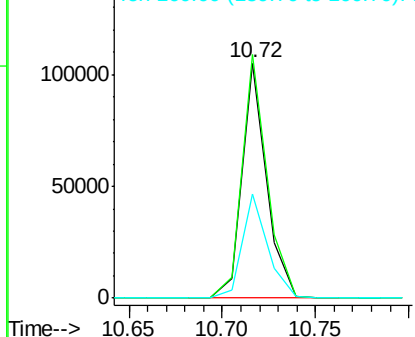


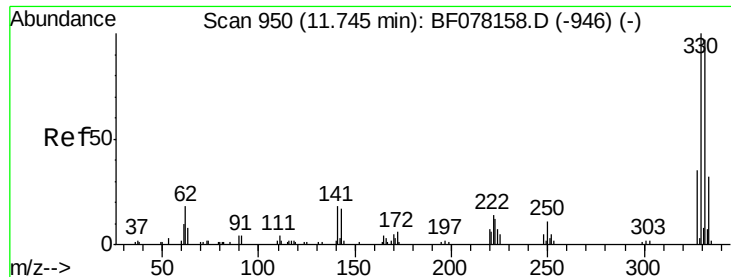
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.72 min Scan# 860
Delta R.T. -0.00 min
Lab File: BF078260.D
Acq: 6 Apr 2015 16:48

Tgt Ion:164 Resp: 95522
Ion Ratio Lower Upper
164 100
162 103.6 82.2 123.2
160 44.2 34.7 52.1



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

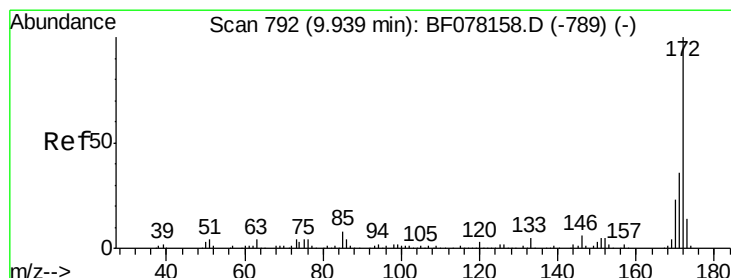
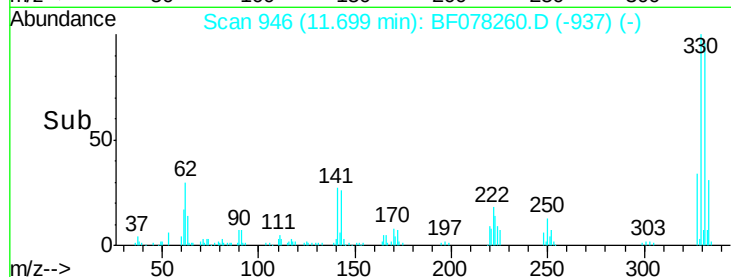
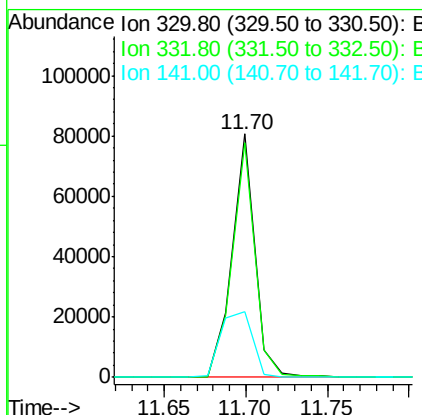
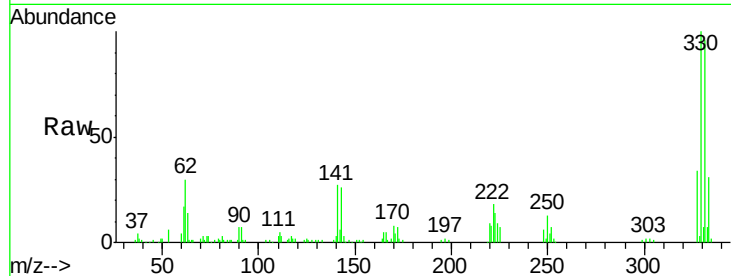




#41
 2,4,6-Tribromophenol
 Concen: 98.26 ng
 RT: 11.70 min Scan# 946
 Delta R.T. -0.00 min
 Lab File: BF078260.D
 Acq: 6 Apr 2015 16:48

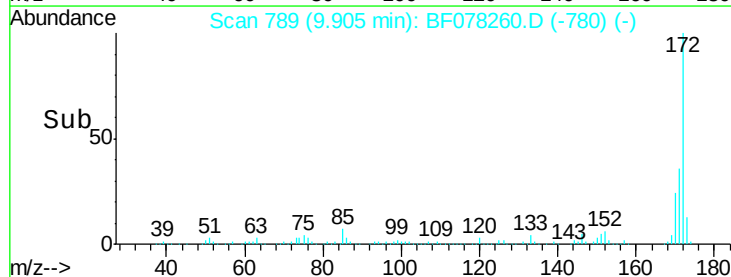
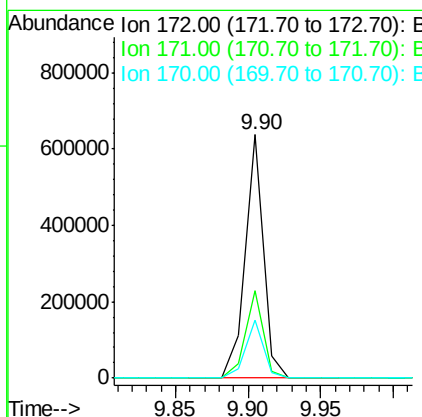
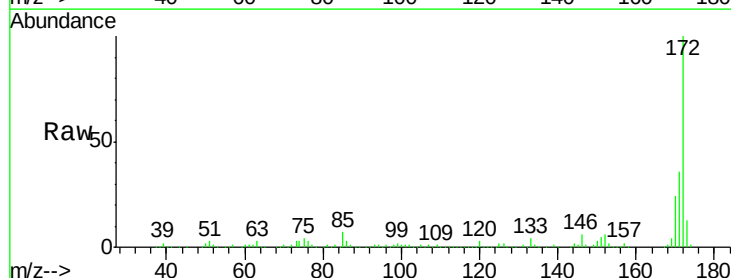
Instrument :
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 ClientSampled :
 W-18

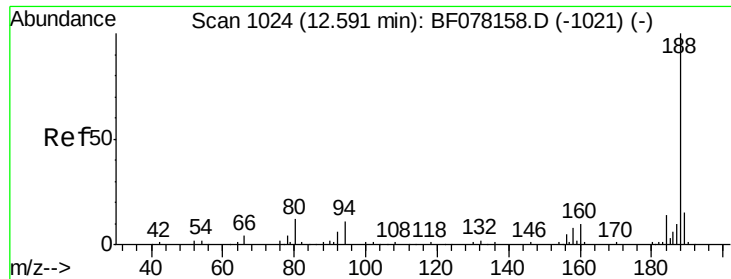
Tot Ion:330 Resp: 77842
 Ion Ratio Lower Upper
 330 100
 332 96.3 78.6 117.8
 141 38.0 31.2 46.8



#44
 2-Fluorobiphenyl
 Concen: 83.12 ng
 RT: 9.90 min Scan# 789
 Delta R.T. -0.00 min
 Lab File: BF078260.D
 Acq: 6 Apr 2015 16:48

Tgt Ion:172 Resp: 555432
 Ion Ratio Lower Upper
 172 100
 171 36.0 28.6 42.8
 170 23.6 18.5 27.7

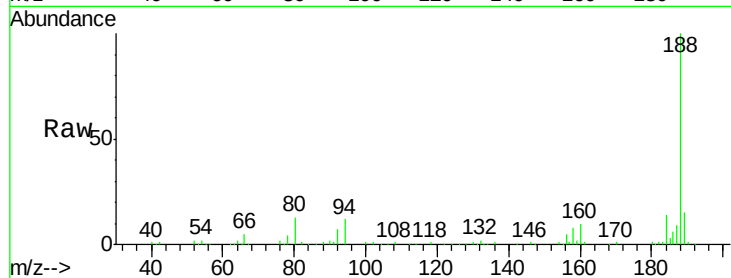




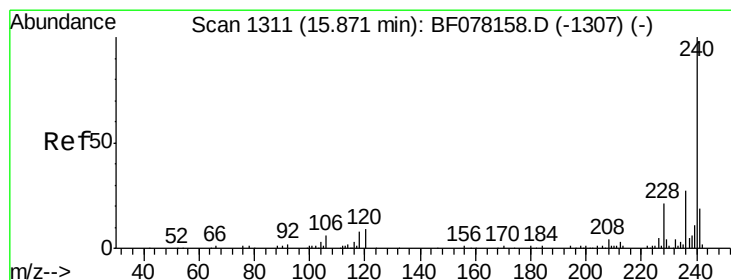
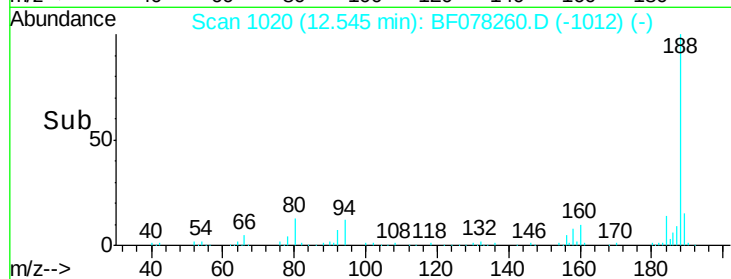
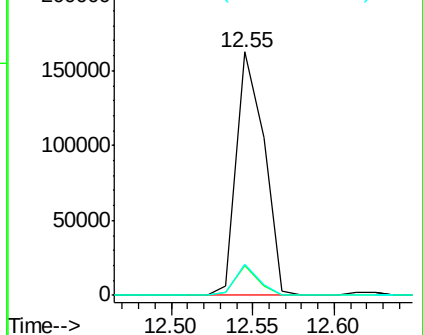
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.55 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BF078260.D
Acq: 6 Apr 2015 16:48

Instrument :
BNA_F
ClientSampleId :
W-18

Tot Ion	Ratio	Lower	Upper
188	100		
94	12.3	9.0	13.4
80	12.9	9.5	14.3

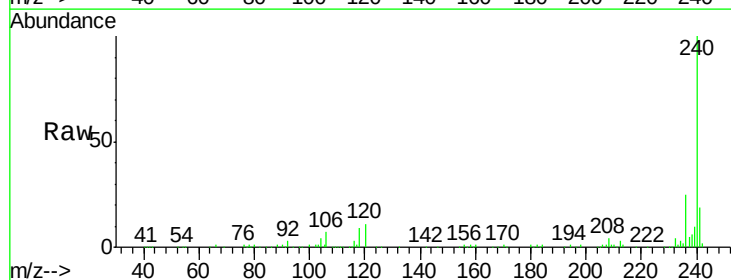


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

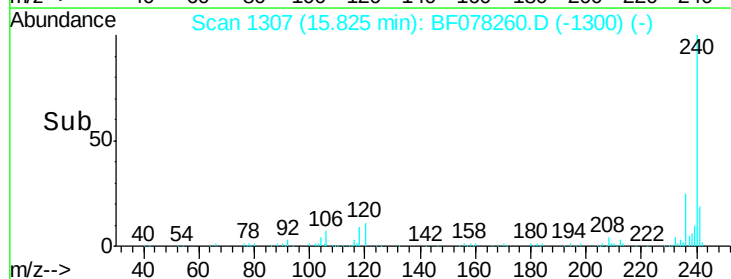
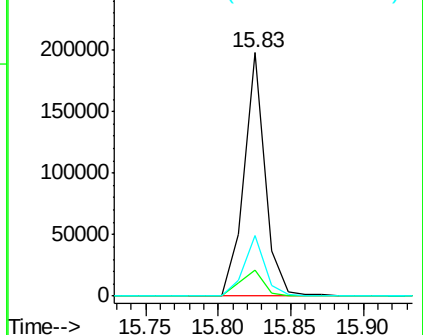


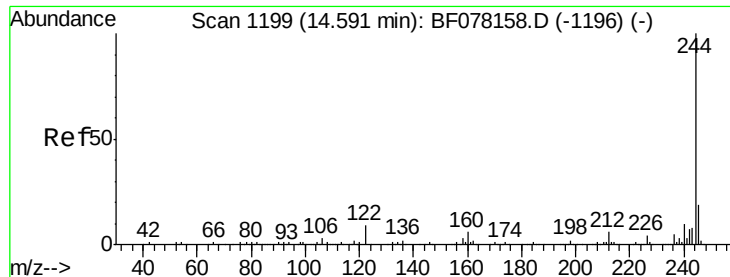
#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.83 min Scan# 1307
Delta R.T. -0.02 min
Lab File: BF078260.D
Acq: 6 Apr 2015 16:48

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.7	7.1	10.7#
236	24.8	21.4	32.2



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

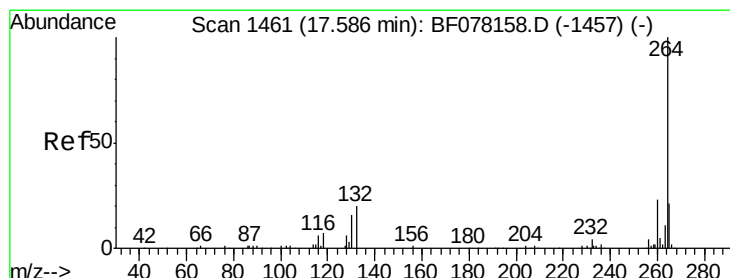
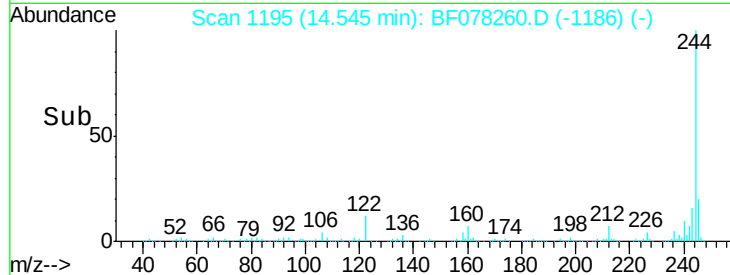
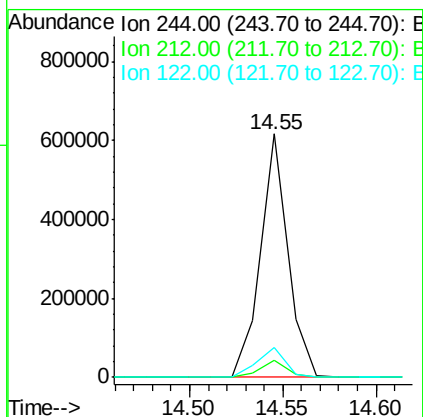
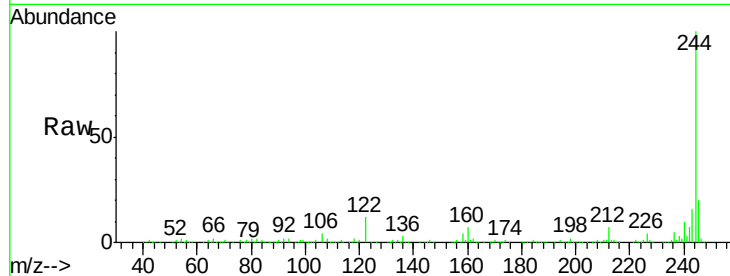




#78
 Terphenyl-d14
 Concen: 70.65 ng
 RT: 14.55 min Scan# 1195
 Delta R.T. -0.00 min
 Lab File: BF078260.D
 Acq: 6 Apr 2015 16:48

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Tot Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.0	7.4
122	12.5	7.1	10.7



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.57 min Scan# 1460
 Delta R.T. -0.07 min
 Lab File: BF078260.D
 Acq: 6 Apr 2015 16:48

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.6	27.8
265	21.5	17.0	25.6

