

Data Path : Z:\HPCHEM1\BNA M\DATA\BM080217\
 Data File : BM011100.D
 Acq On : 02 Aug 2017 18:38
 Operator : SJ/JU
 Sample : I4540-07
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Aug 02 23:18:11 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM072617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 26 17:29:06 2017
 Response via : Initial Calibration

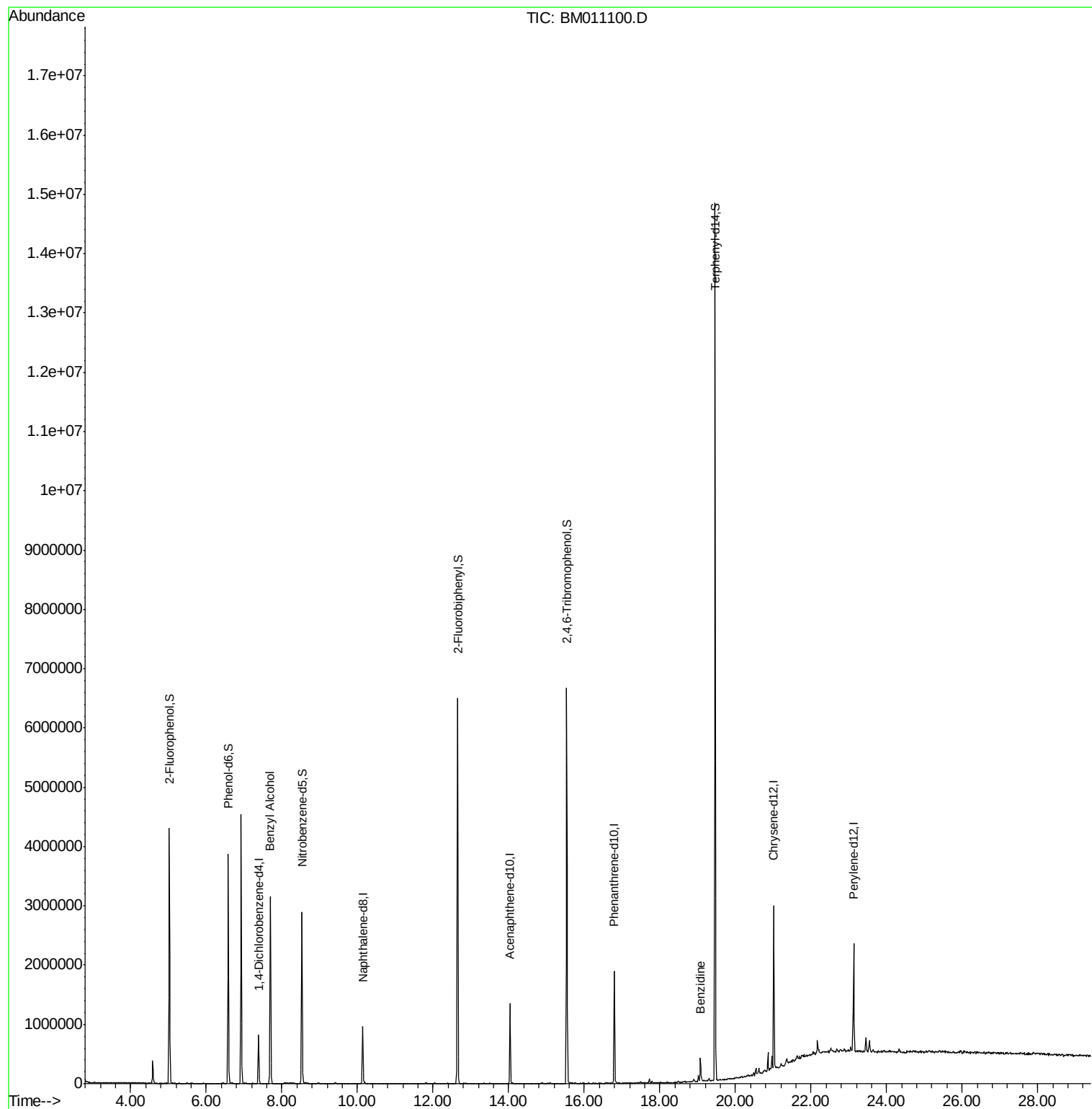
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	152576	20.00	ng	-0.01
21) Naphthalene-d8	10.14	136	556855	20.00	ng	-0.01
38) Acenaphthene-d10	14.04	164	383707	20.00	ng	-0.01
63) Phenanthrene-d10	16.80	188	985413	20.00	ng	-0.01
75) Chrysene-d12	21.01	240	1216412	20.00	ng	-0.01
86) Perylene-d12	23.13	264	1244076	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.02	112	1158393	128.34	ng	0.00
7) Phenol-d6	6.58	99	1527903	119.14	ng	-0.01
23) Nitrobenzene-d5	8.53	82	1544069	104.07	ng	-0.01
41) 2,4,6-Tribromophenol	15.54	330	867900	141.12	ng	-0.01
44) 2-Fluorobiphenyl	12.65	172	2727483	89.15	ng	-0.01
78) Terphenyl-d14	19.46	244	5097049	83.00	ng	0.00
Target Compounds						
15) Benzyl Alcohol	7.69	79	28304	2.30	ng	Qvalue # 29
76) Benzidine	19.07	184	213531	7.34	ng	98

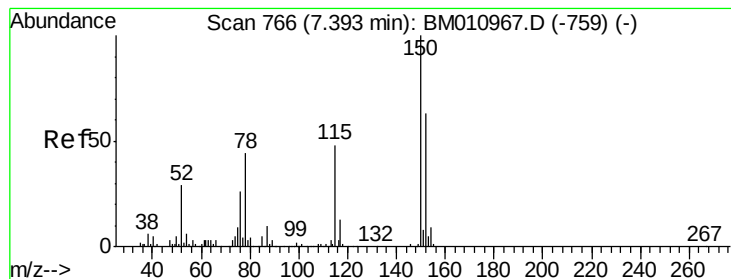
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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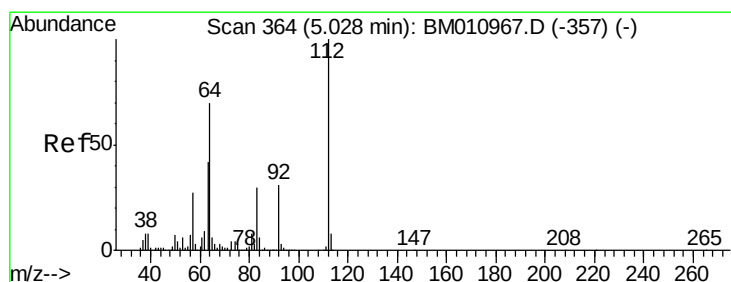
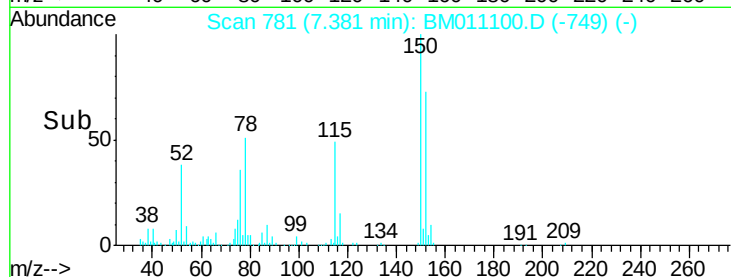
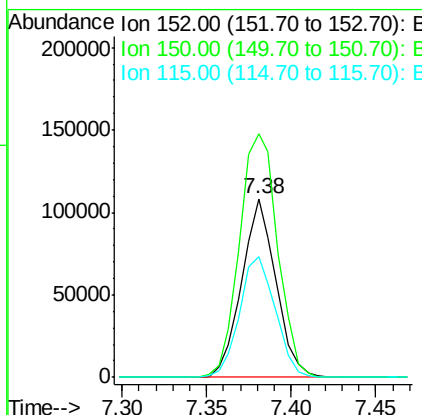
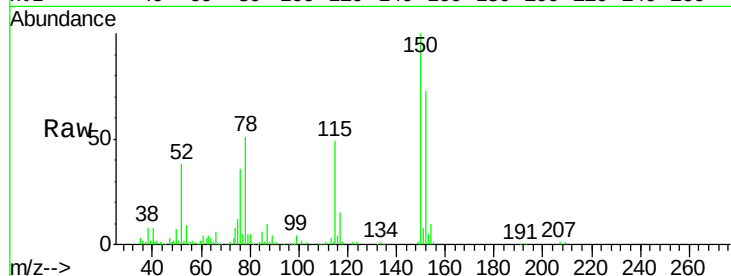


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.38 min Scan# 781
Delta R.T. -0.01 min
Lab File: BM011100.D
Acq: 02 Aug 2017 18:38

Instrument :
BNA_M
ClientSampleId :

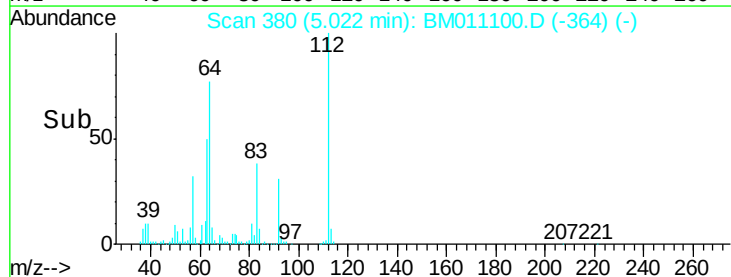
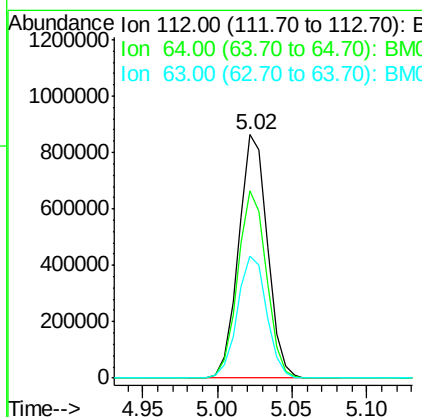
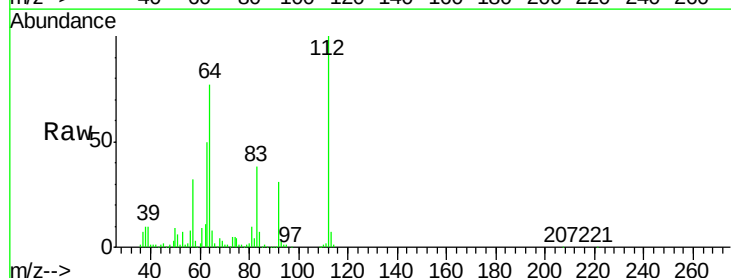
Tot Ion	Ratio	Lower	Upper
152	100		
150	136.3	119.5	179.3
115	67.4	43.0	64.4

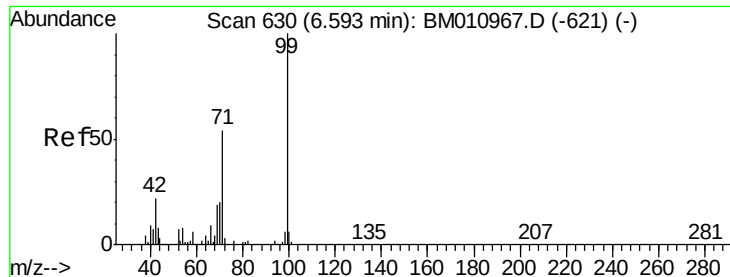


#5

2-Fluorophenol
Concen: 128.34 ng
RT: 5.02 min Scan# 380
Delta R.T. -0.01 min
Lab File: BM011100.D
Acq: 02 Aug 2017 18:38

Tgt Ion	Ratio	Lower	Upper
112	100		
64	77.2	38.6	57.8
63	50.1	19.3	28.9





#7

Phenol-d6

Concen: 119.14 ng

RT: 6.58 min Scan# 645

Delta R.T. -0.01 min

Lab File: BM011100.D

Acq: 02 Aug 2017 18:38

Instrument :

BNA_M

ClientSampled :

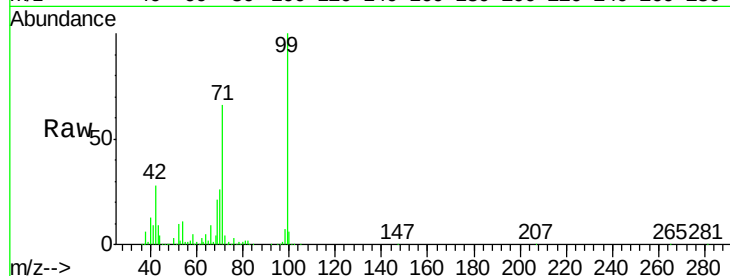
Tot Ion: 99 Resp: 1527903

Ion Ratio Lower Upper

99 100

42 27.6 11.0 16.4#

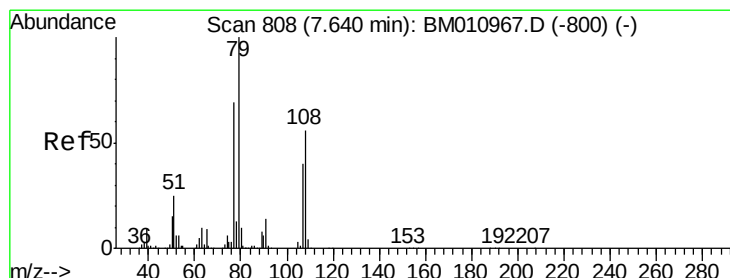
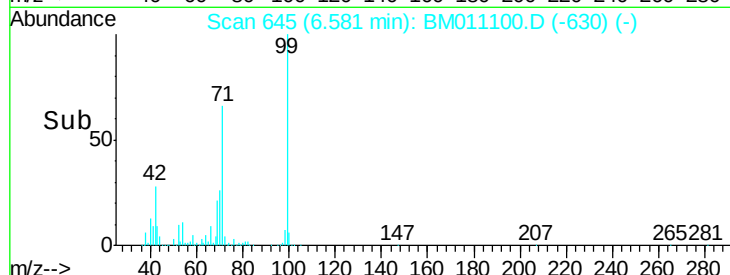
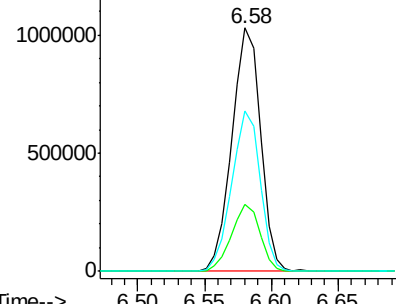
71 65.9 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM010967.D (-621) (-)

Ion 42.00 (41.70 to 42.70): BM010967.D (-621) (-)

Ion 71.00 (70.70 to 71.70): BM010967.D (-621) (-)



#15

Benzyl Alcohol

Concen: 2.30 ng

RT: 7.69 min Scan# 834

Delta R.T. 0.05 min

Lab File: BM011100.D

Acq: 02 Aug 2017 18:38

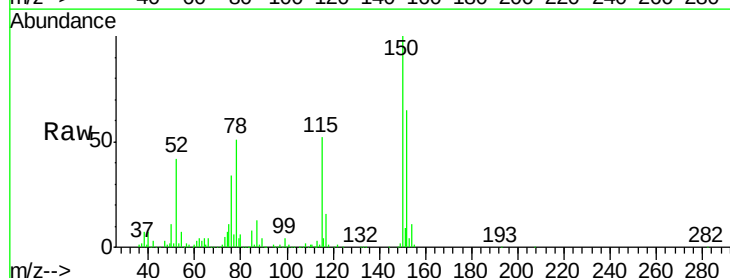
Tgt Ion: 79 Resp: 28304

Ion Ratio Lower Upper

79 100

108 53.2 65.0 97.4#

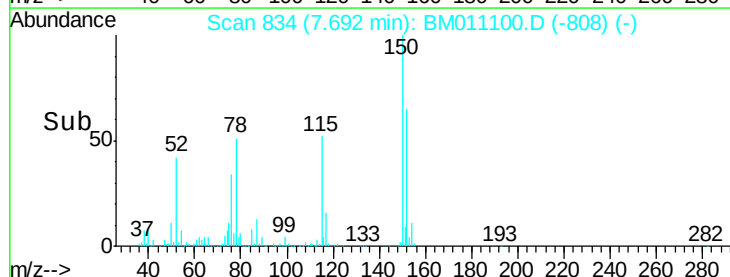
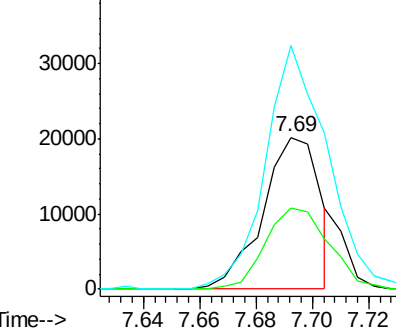
77 160.7 53.0 79.6#

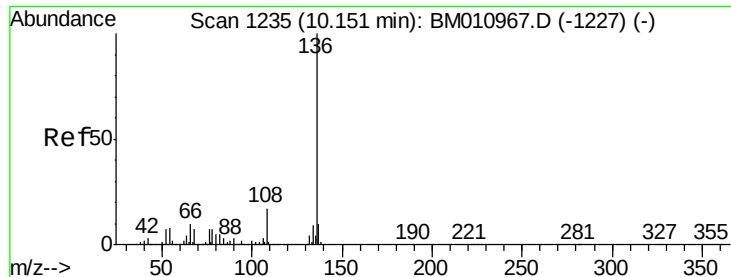


Abundance Ion 79.00 (78.70 to 79.70): BM010967.D (-800) (-)

Ion 108.00 (107.70 to 108.70): BM010967.D (-800) (-)

Ion 77.00 (76.70 to 77.70): BM010967.D (-800) (-)

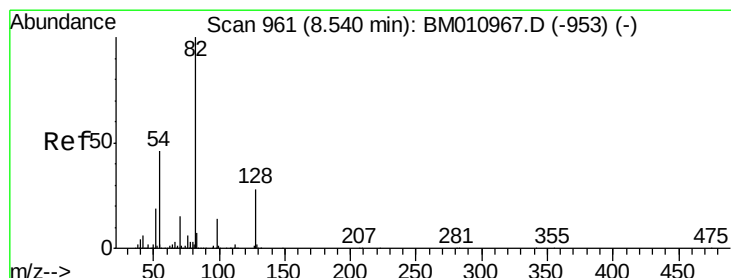
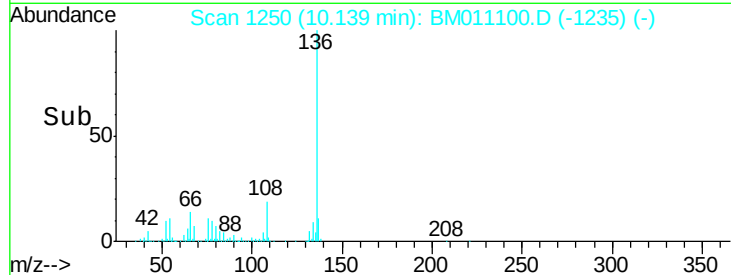
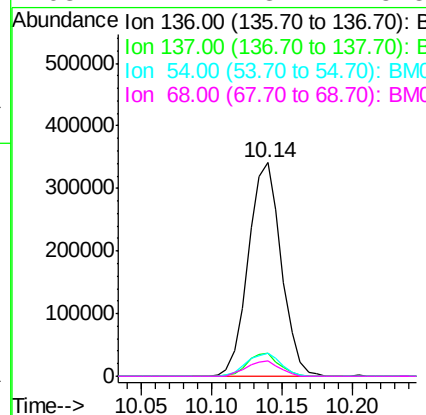
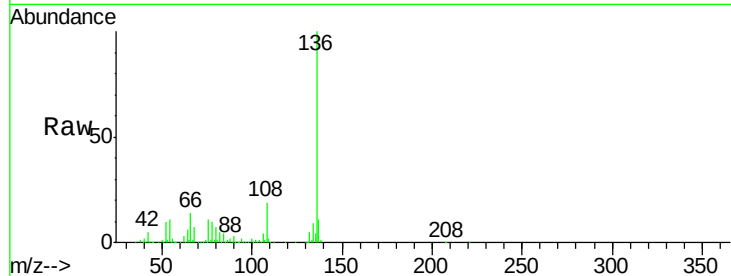




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.14 min Scan# 1250
Delta R.T. -0.01 min
Lab File: BM011100.D
Acq: 02 Aug 2017 18:38

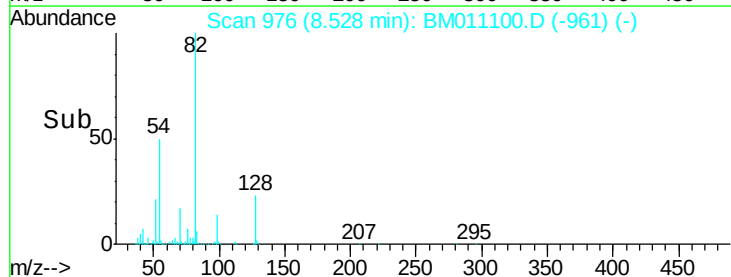
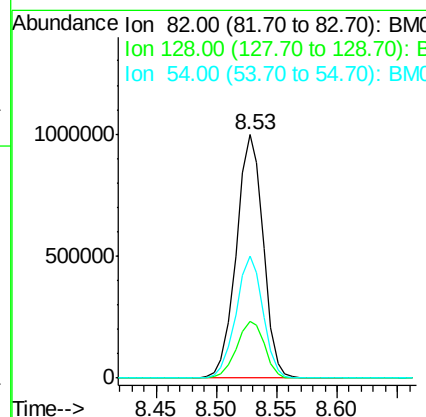
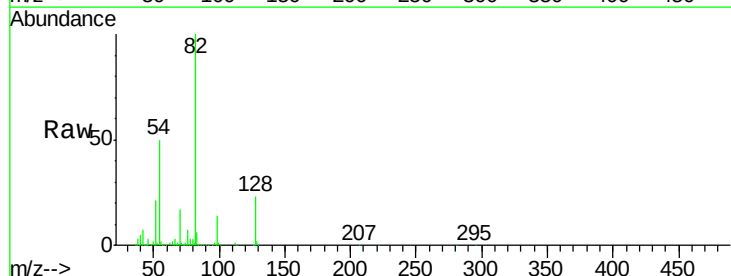
Instrument :
BNA_M
ClientSampleId :

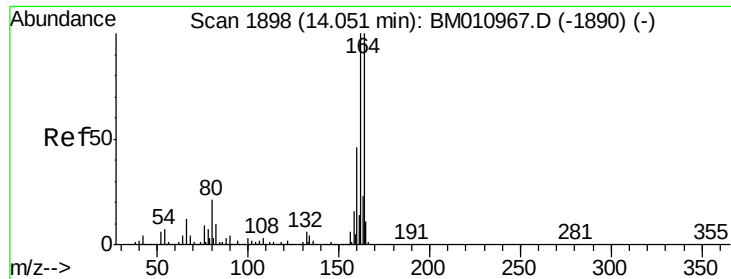
Tot Ion:136	Resp: 556855
Ion Ratio	Lower Upper
136 100	
137 11.0	8.7 13.1
54 10.6	4.6 6.8#
68 7.4	3.7 5.5#



#23
Nitrobenzene-d5
Concen: 104.07 ng
RT: 8.53 min Scan# 976
Delta R.T. -0.01 min
Lab File: BM011100.D
Acq: 02 Aug 2017 18:38

Tgt Ion: 82	Resp: 1544069
Ion Ratio	Lower Upper
82 100	
128 23.2	32.8 49.2#
54 50.4	40.6 60.8





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.04 min Scan# 1913

Delta R.T. -0.01 min

Lab File: BM011100.D

Acq: 02 Aug 2017 18:38

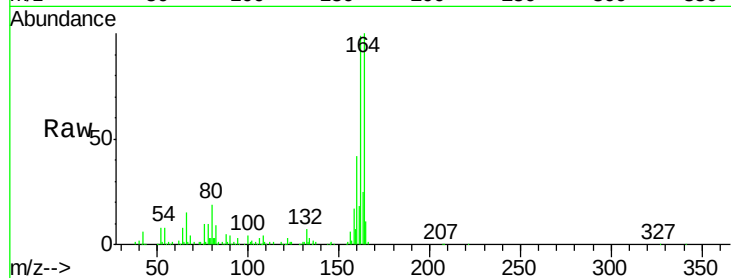
Instrument :

BNA_M

ClientSampleId :

Tot Ion:164 Resp: 383707

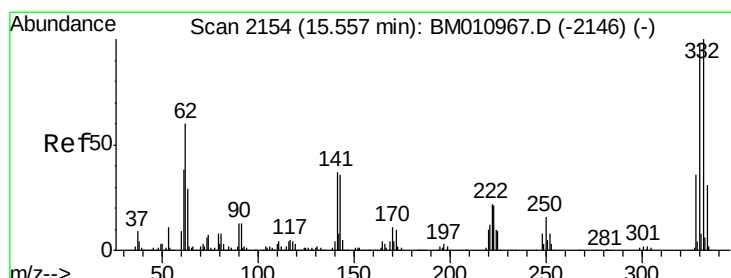
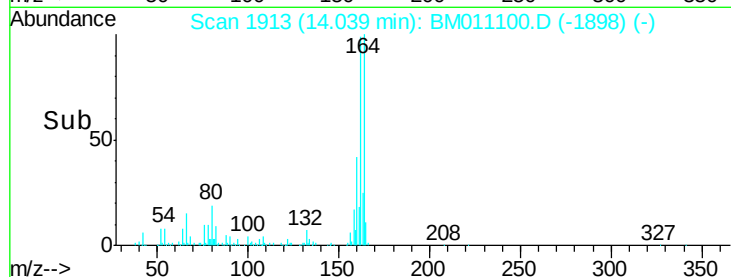
Ion	Ratio	Lower	Upper
164	100		
162	99.1	82.4	123.6
160	42.2	35.8	53.6



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: 141.12 ng

RT: 15.54 min Scan# 2169

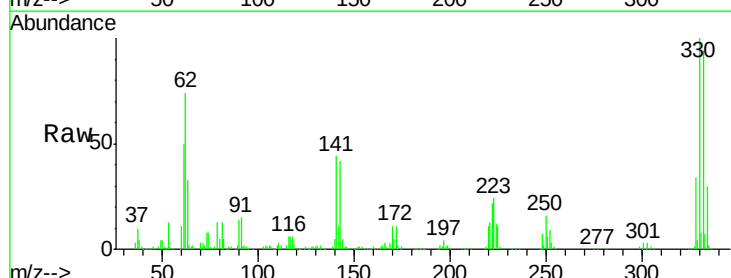
Delta R.T. -0.01 min

Lab File: BM011100.D

Acq: 02 Aug 2017 18:38

Tgt Ion:330 Resp: 867900

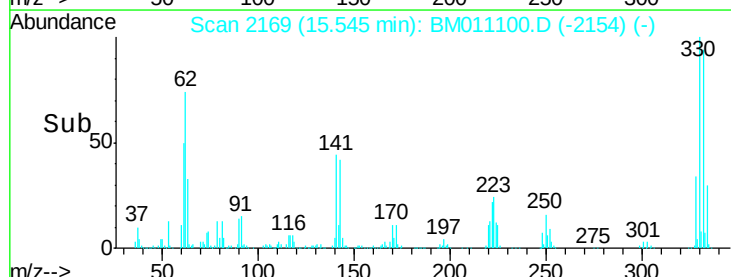
Ion	Ratio	Lower	Upper
330	100		
332	96.8	0.0	0.0#
141	47.3	0.0	0.0#

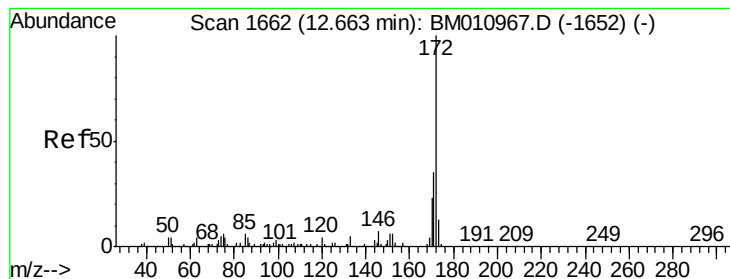


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 89.15 ng

RT: 12.65 min Scan# 1677

Delta R.T. -0.01 min

Lab File: BM011100.D

Acq: 02 Aug 2017 18:38

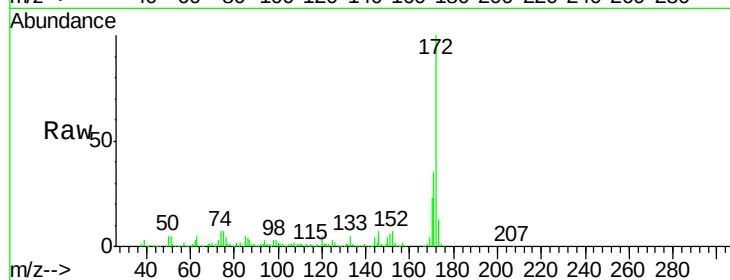
Instrument :

BNA_M

ClientSampled :

Tot Ion:172 Resp: 2727483

Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.5	42.7
170	23.1	18.8	28.2

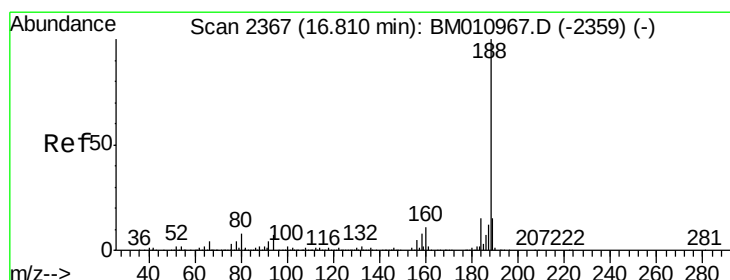
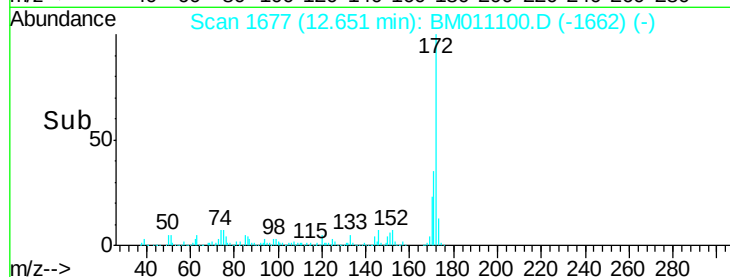
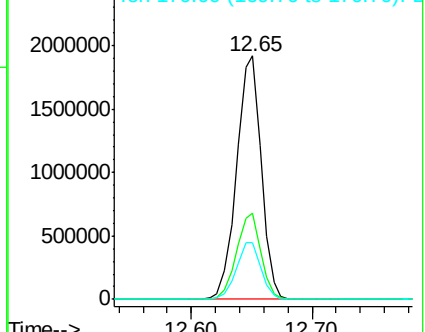


Abundance

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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 16.80 min Scan# 2382

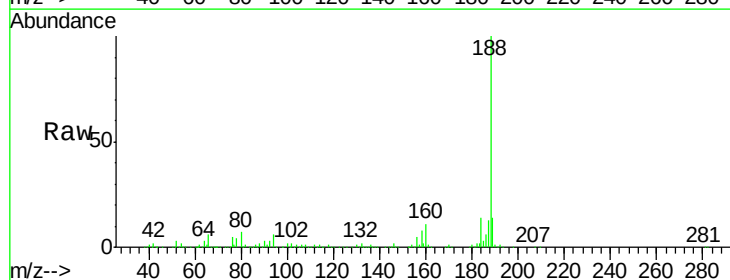
Delta R.T. -0.01 min

Lab File: BM011100.D

Acq: 02 Aug 2017 18:38

Tgt Ion:188 Resp: 985413

Ion	Ratio	Lower	Upper
188	100		
94	6.3	8.7	13.1#
80	7.1	9.3	13.9#

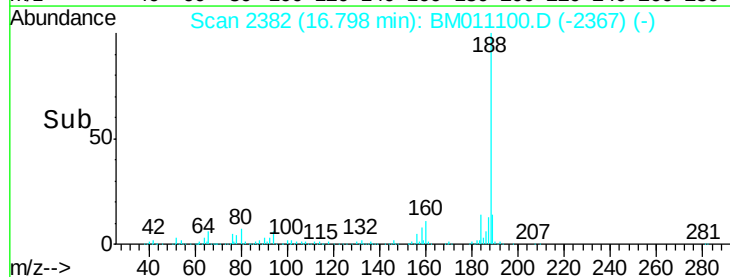
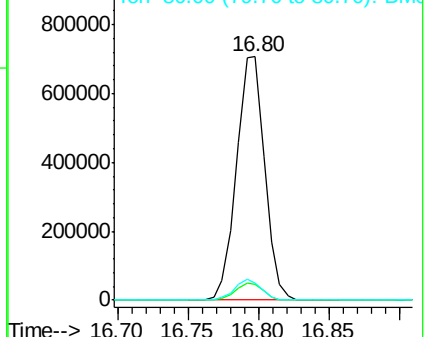


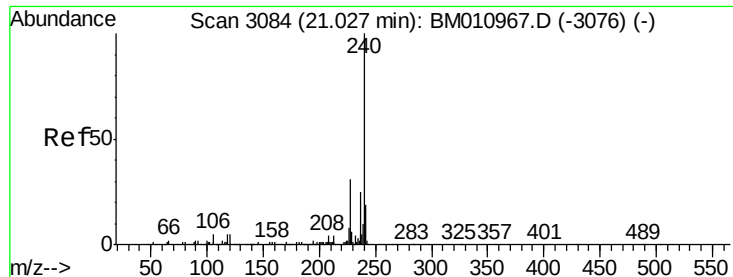
Abundance

Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.01 min Scan# 3099

Delta R.T. -0.01 min

Lab File: BM011100.D

Acq: 02 Aug 2017 18:38

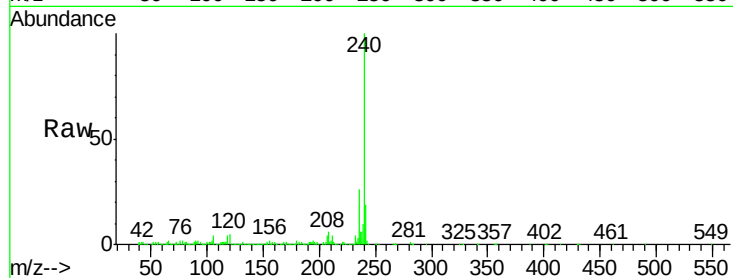
Instrument :

BNA_M

ClientSampled :

Tot Ion:240 Resp: 1216412

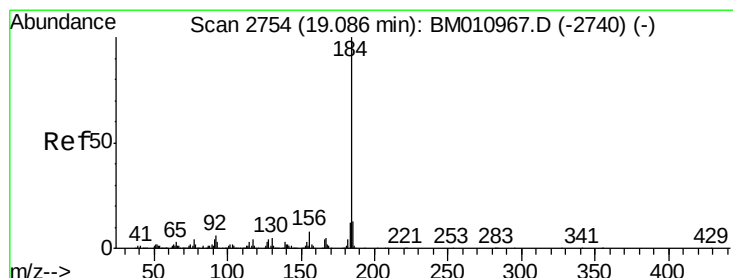
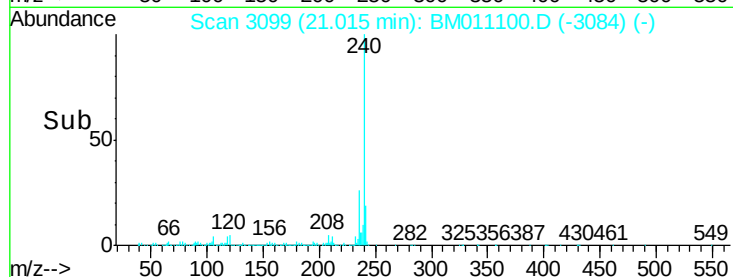
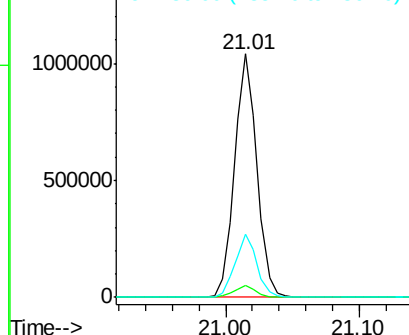
Ion	Ratio	Lower	Upper
240	100		
120	4.7	8.2	12.2#
236	25.7	20.0	30.0



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



#76

Benzidine

Concen: 7.34 ng

RT: 19.07 min Scan# 2769

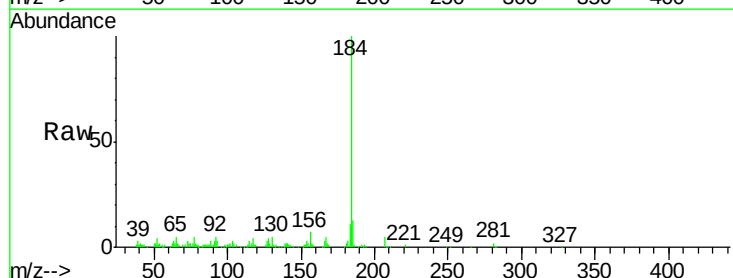
Delta R.T. -0.01 min

Lab File: BM011100.D

Acq: 02 Aug 2017 18:38

Tgt Ion:184 Resp: 213531

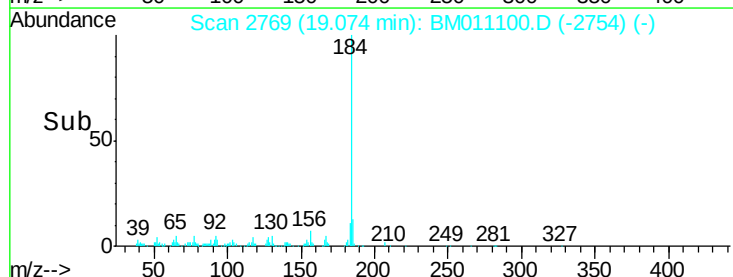
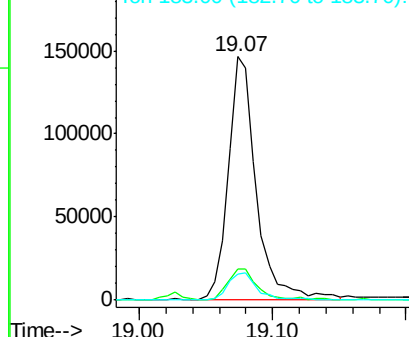
Ion	Ratio	Lower	Upper
184	100		
185	12.7	11.3	16.9
183	10.9	8.9	13.3

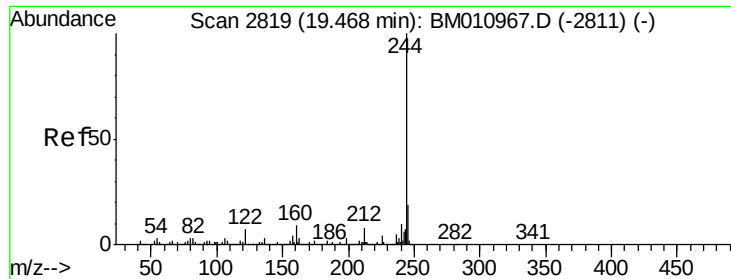


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Terphenyl-d14

Concen: 83.00 ng

RT: 19.46 min Scan# 2835

Delta R.T. -0.01 min

Lab File: BM011100.D

Acq: 02 Aug 2017 18:38

Instrument :

BNA_M

ClientSampleId :

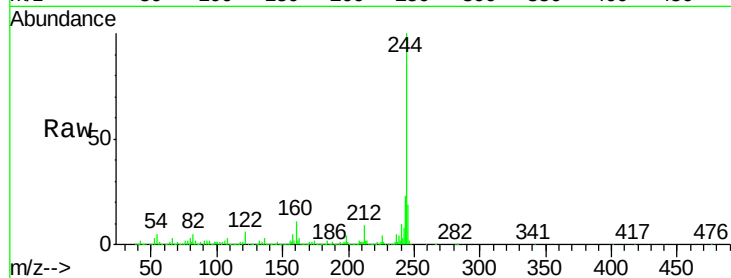
Tot Ion:244 Resp: 5097049

Ion Ratio Lower Upper

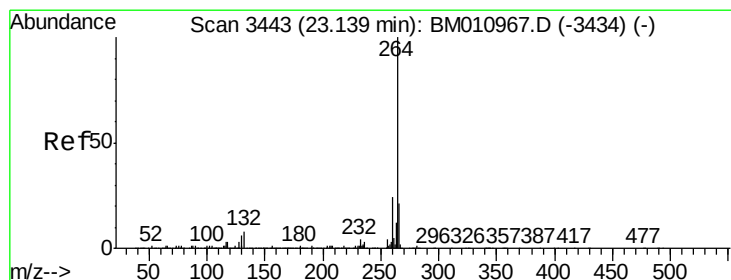
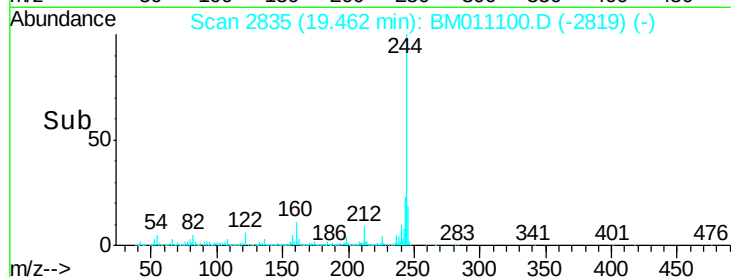
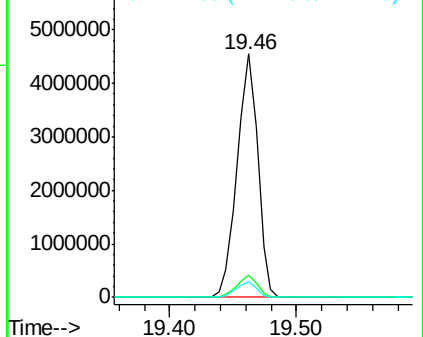
244 100

212 9.1 4.9 7.3#

122 6.5 6.2 9.4



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

Perylene-d12

Concen: 20.00 ng

RT: 23.13 min Scan# 3458

Delta R.T. -0.01 min

Lab File: BM011100.D

Acq: 02 Aug 2017 18:38

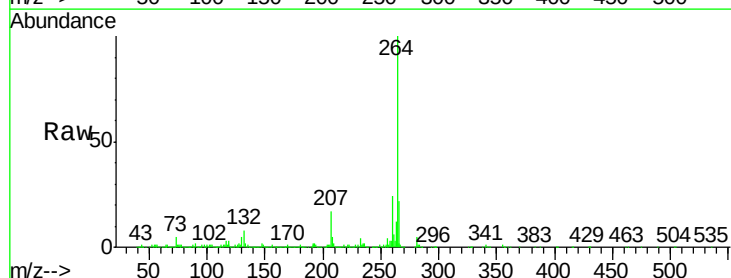
Tgt Ion:264 Resp: 1244076

Ion Ratio Lower Upper

264 100

260 24.3 18.6 27.8

265 22.3 17.3 25.9



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

