

Data Path : Z:\HPCHEM1\BNA G\DATA\BG061317\
 Data File : BG027406.D
 Acq On : 14 Jun 2017 4:16
 Operator : SJ/MA
 Sample : I3630-09
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 14 06:13:43 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 05 16:00:35 2017
 Response via : Initial Calibration

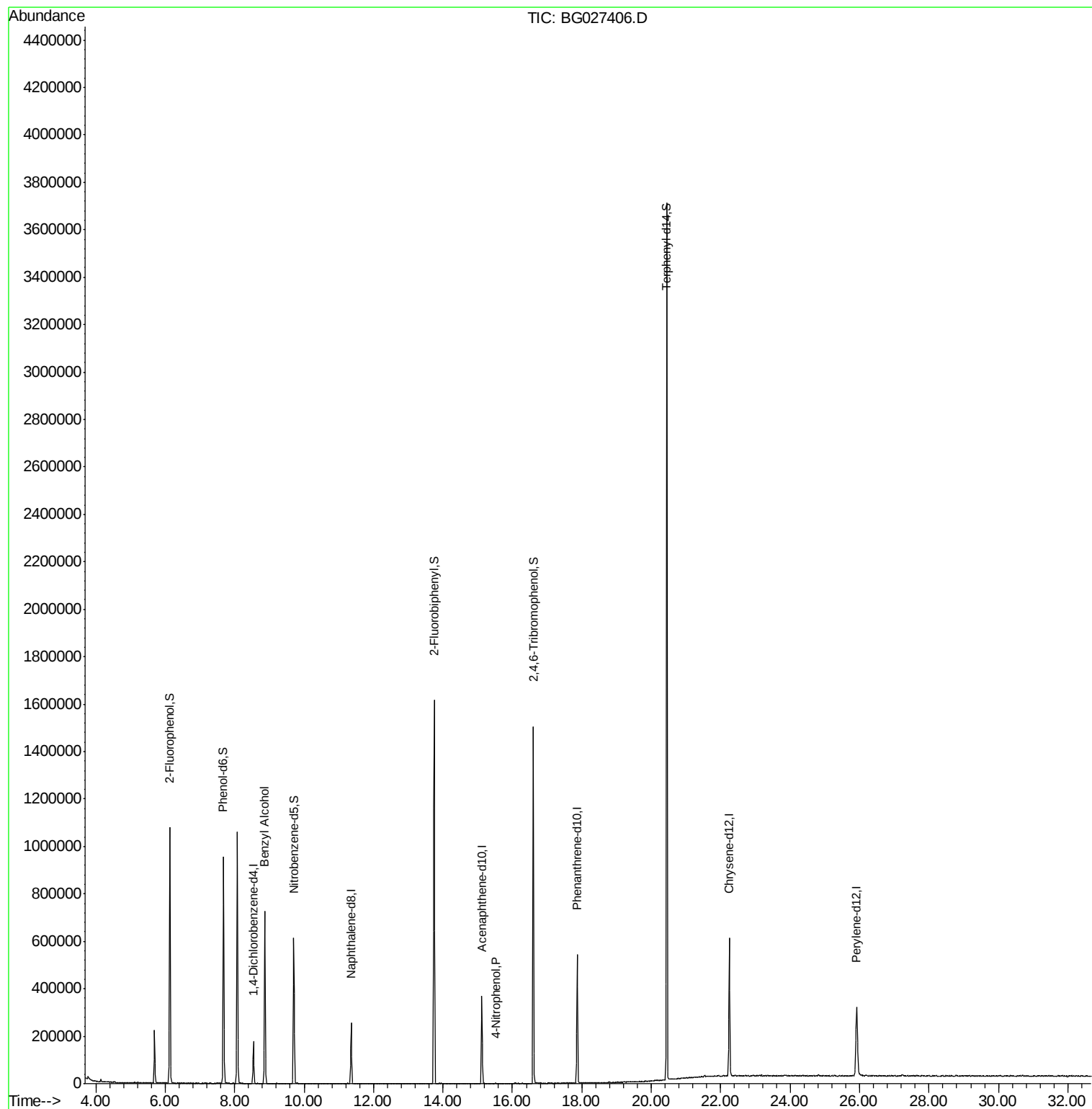
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.54	152	49953	20.00	ng	-0.04
21) Naphthalene-d8	11.35	136	221162	20.00	ng	-0.04
38) Acenaphthene-d10	15.12	164	127945	20.00	ng	-0.04
63) Phenanthrene-d10	17.87	188	338283	20.00	ng	-0.04
75) Chrysene-d12	22.25	240	401073	20.00	ng	-0.06
86) Perylene-d12	25.91	264	371800	20.00	ng	-0.11
System Monitoring Compounds						
5) 2-Fluorophenol	6.13	112	479518	146.48	ng	-0.03
7) Phenol-d6	7.68	99	616489	128.30	ng	-0.03
23) Nitrobenzene-d5	9.70	82	405622	115.34	ng	-0.04
41) 2,4,6-Tribromophenol	16.60	330	297080	176.33	ng	-0.04
44) 2-Fluorobiphenyl	13.75	172	858311	93.85	ng	-0.04
78) Terphenyl-d14	20.44	244	1652295	105.09	ng	-0.05
Target Compounds						
15) Benzyl Alcohol	8.87	79	7290	2.15	ng	# 44
55) 4-Nitrophenol	15.51	139	72	6.16	ng	# 1

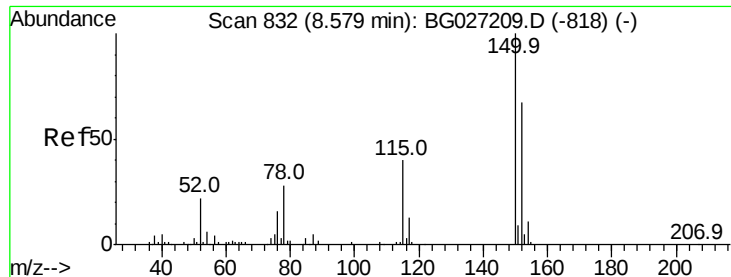
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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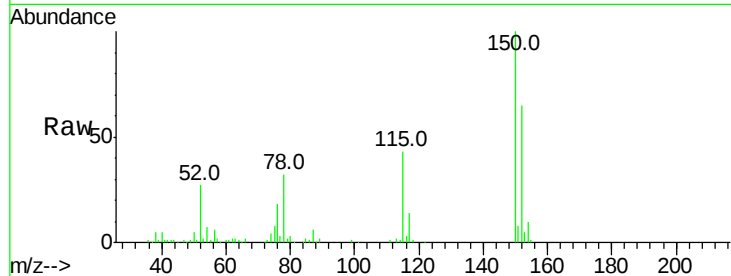


#1

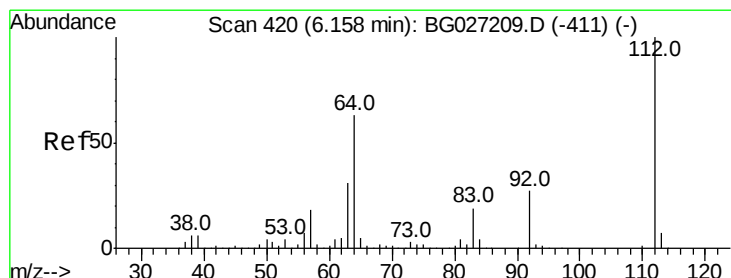
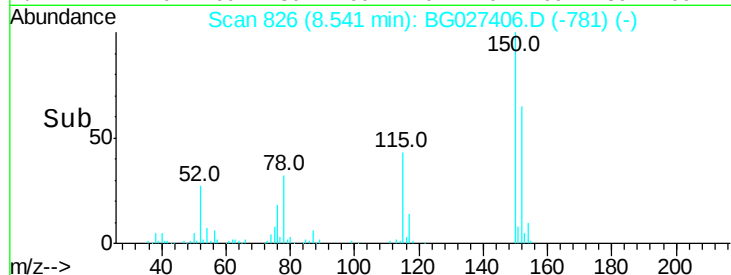
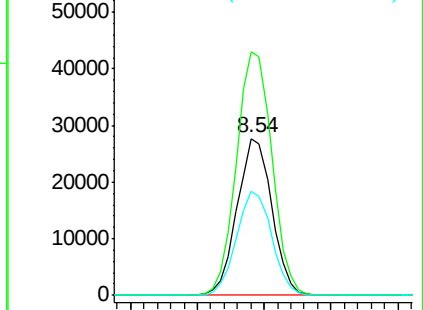
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.54 min Scan# 826
Delta R.T. -0.04 min
Lab File: BG027406.D
Acq: 14 Jun 2017 4:16

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 49953
Ion Ratio Lower Upper
152 100
150 154.9 114.0 171.0
115 65.9 48.1 72.1



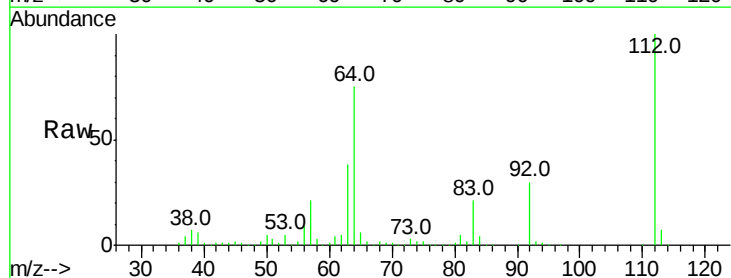
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



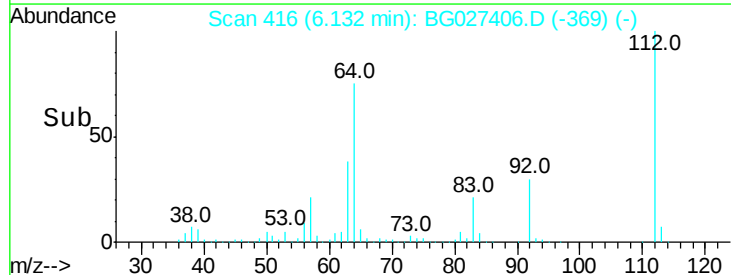
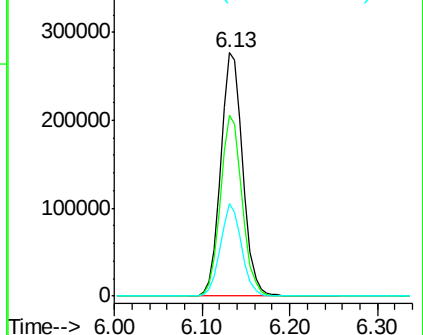
#5

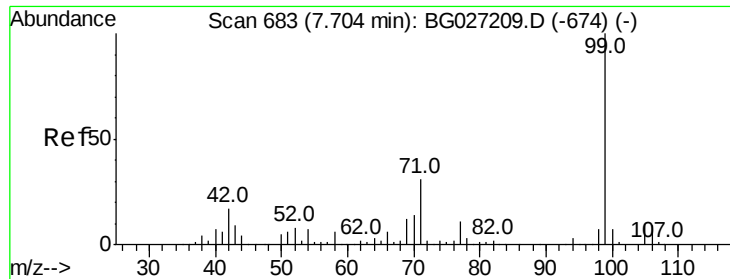
2-Fluorophenol
Concen: 146.48 ng
RT: 6.13 min Scan# 416
Delta R.T. -0.03 min
Lab File: BG027406.D
Acq: 14 Jun 2017 4:16

Tgt Ion:112 Resp: 479518
Ion Ratio Lower Upper
112 100
64 74.5 61.8 92.6
63 38.0 37.2 55.8



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 128.30 ng

RT: 7.68 min Scan# 679

Delta R.T. -0.03 min

Lab File: BG027406.D

Acq: 14 Jun 2017 4:16

Instrument :

BNA_G

ClientSampled :

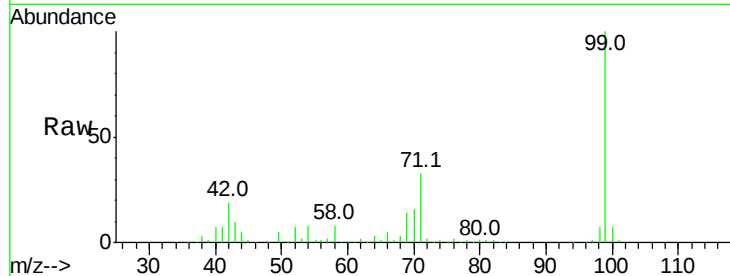
Tot Ion: 99 Resp: 616489

Ion Ratio Lower Upper

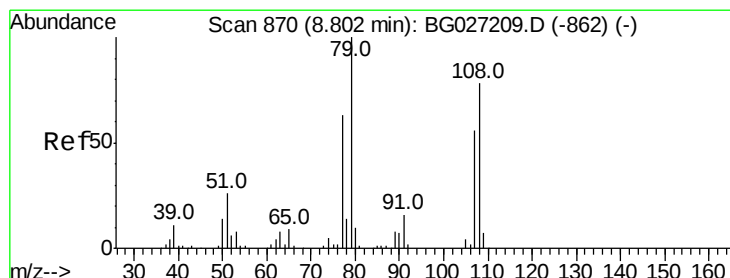
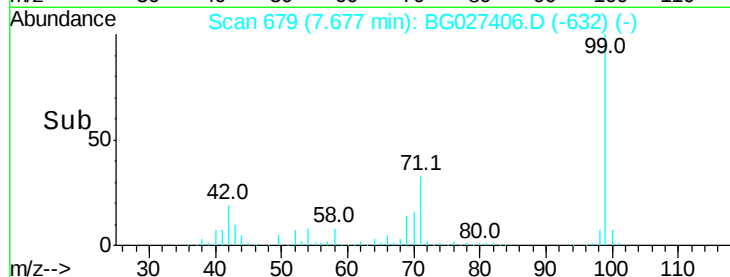
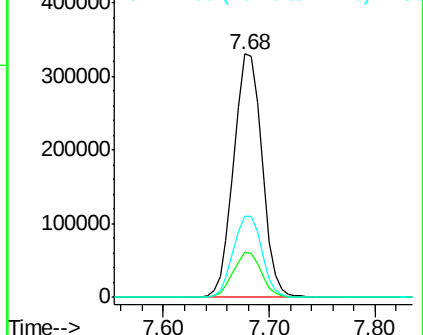
99 100

42 18.6 20.5 30.7#

71 33.4 37.6 56.4#



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#15

Benzyl Alcohol

Concen: 2.15 ng

RT: 8.87 min Scan# 882

Delta R.T. 0.07 min

Lab File: BG027406.D

Acq: 14 Jun 2017 4:16

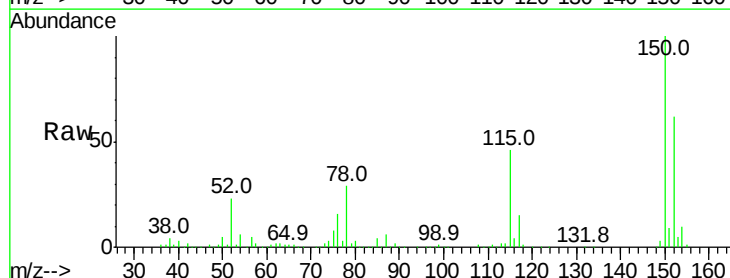
Tgt Ion: 79 Resp: 7290

Ion Ratio Lower Upper

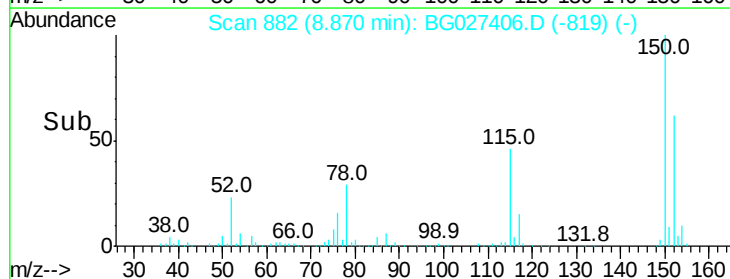
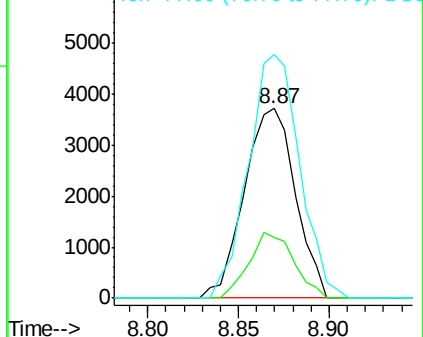
79 100

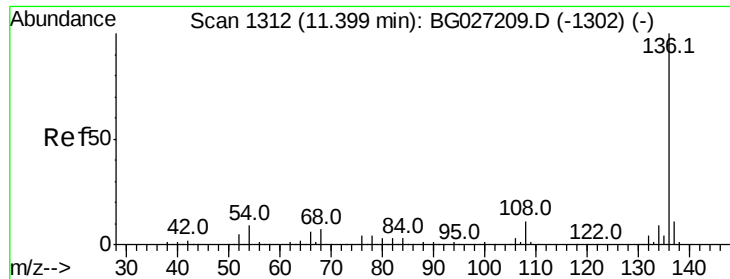
108 31.9 45.5 68.3#

77 128.6 54.3 81.5#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC

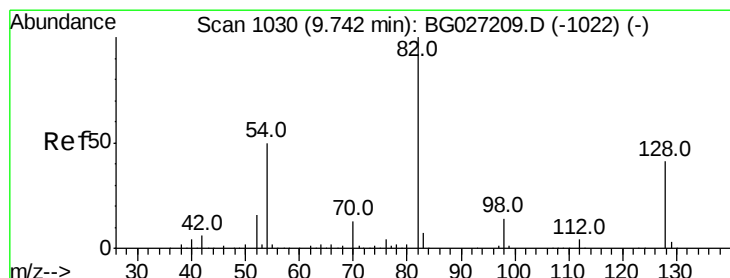
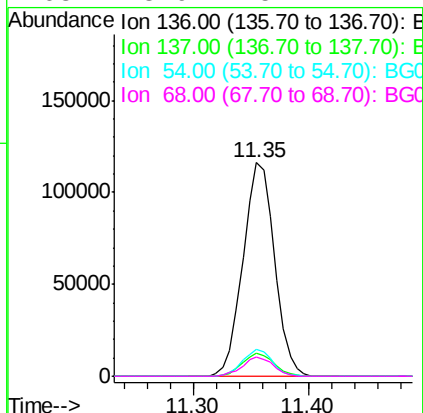
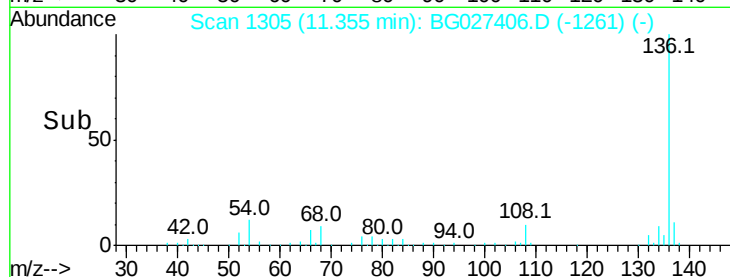
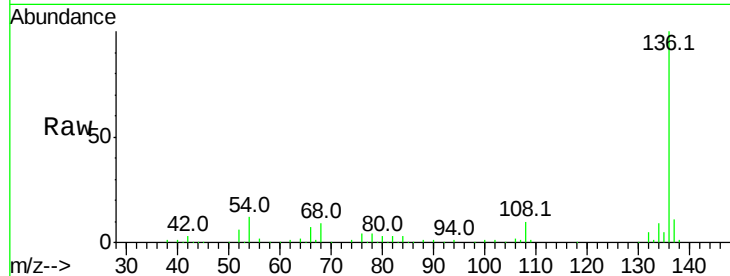




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.35 min Scan# 1305
Delta R.T. -0.04 min
Lab File: BG027406.D
Acq: 14 Jun 2017 4:16

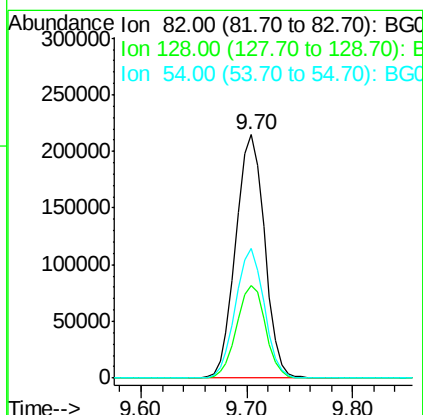
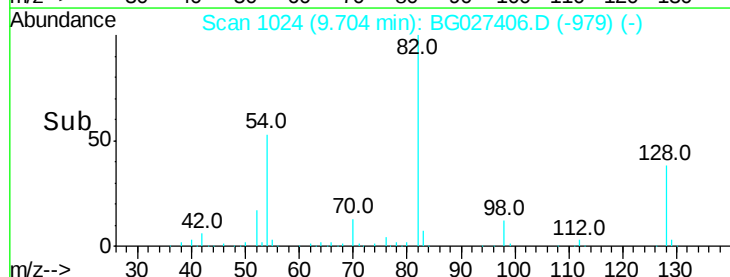
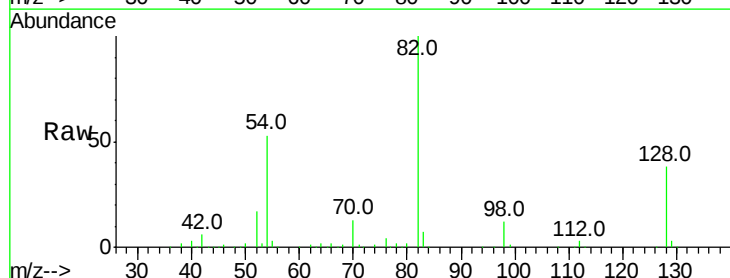
Instrument :
BNA_G
ClientSampleId :

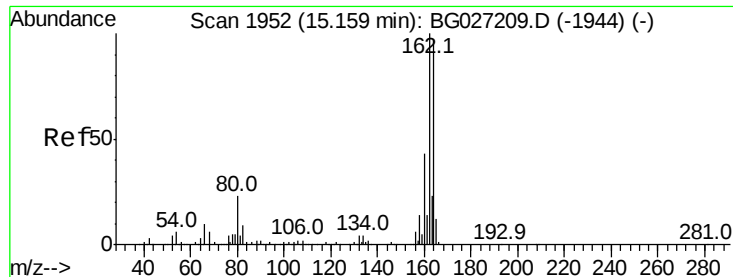
Tot Ion:	136	Resp:	221162
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	12.4	9.3	13.9
68	8.9	5.1	7.7#



#23
Nitrobenzene-d5
Concen: 115.34 ng
RT: 9.70 min Scan# 1024
Delta R.T. -0.04 min
Lab File: BG027406.D
Acq: 14 Jun 2017 4:16

Tgt Ion:	82	Resp:	405622
Ion	Ratio	Lower	Upper
82	100		
128	38.1	26.4	39.6
54	53.3	49.4	74.2

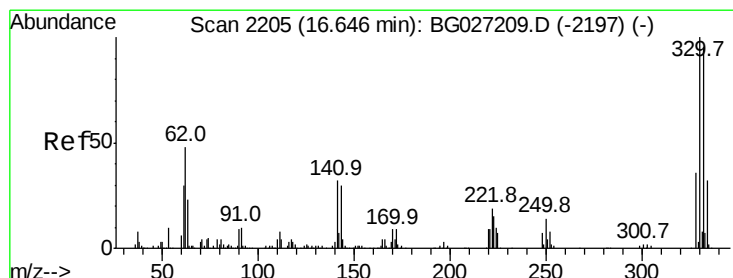
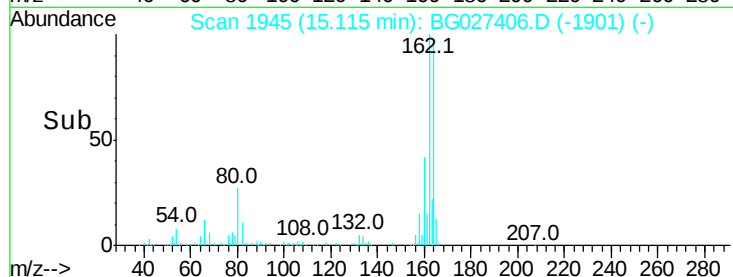
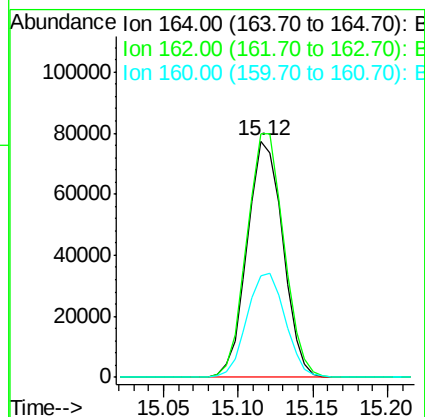
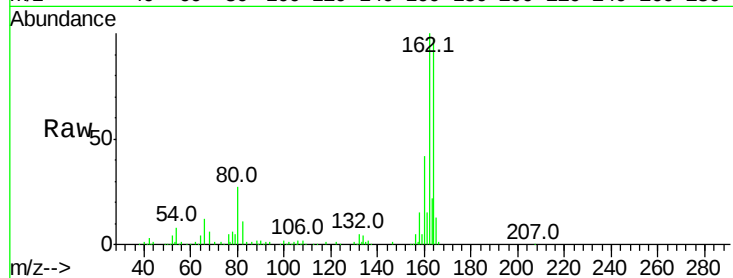




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 15.12 min Scan# 1945
 Delta R.T. -0.04 min
 Lab File: BG027406.D
 Acq: 14 Jun 2017 4:16

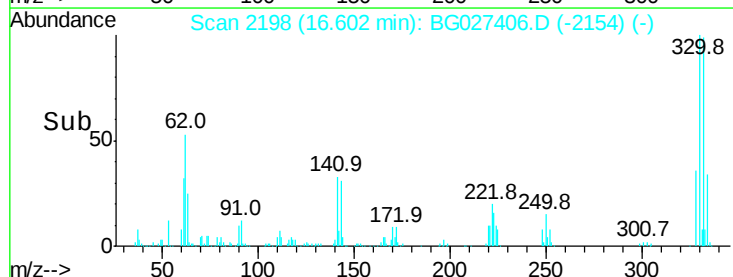
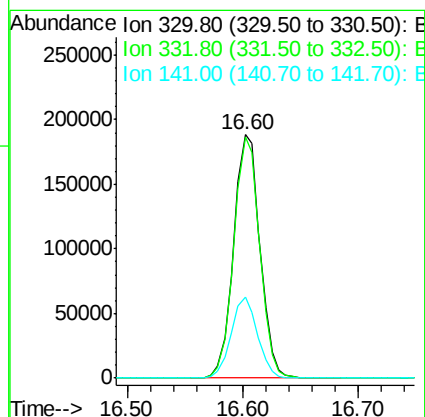
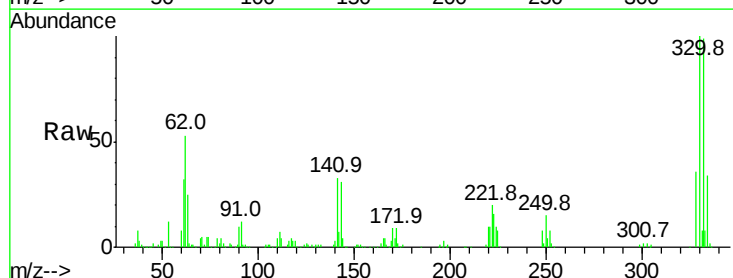
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:164 Resp: 127945
 Ion Ratio Lower Upper
 164 100
 162 103.1 85.1 127.7
 160 43.2 34.7 52.1



#41
 2,4,6-Tribromophenol
 Concen: 176.33 ng
 RT: 16.60 min Scan# 2198
 Delta R.T. -0.04 min
 Lab File: BG027406.D
 Acq: 14 Jun 2017 4:16

Tgt Ion:330 Resp: 297080
 Ion Ratio Lower Upper
 330 100
 332 97.4 77.3 115.9
 141 33.3 32.1 48.1

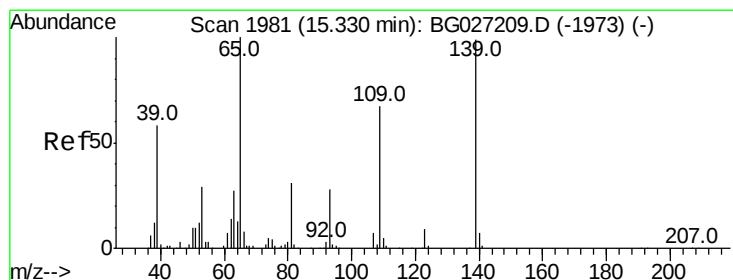
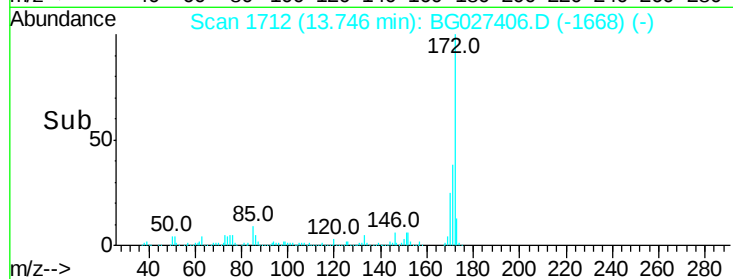
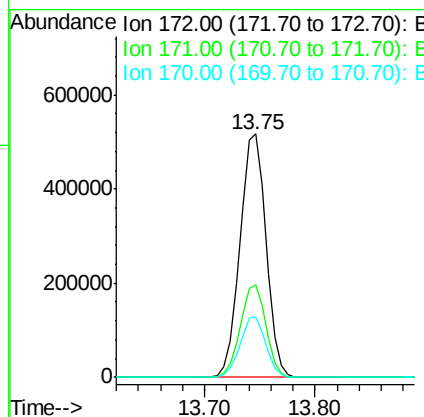
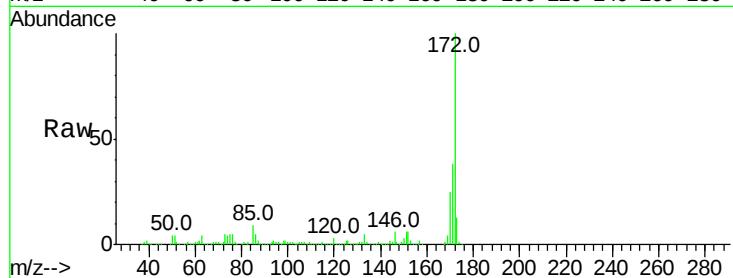




#44
2-Fluorobiphenyl
Concen: 93.85 ng
RT: 13.75 min Scan# 1712
Delta R.T. -0.04 min
Lab File: BG027406.D
Acq: 14 Jun 2017 4:16

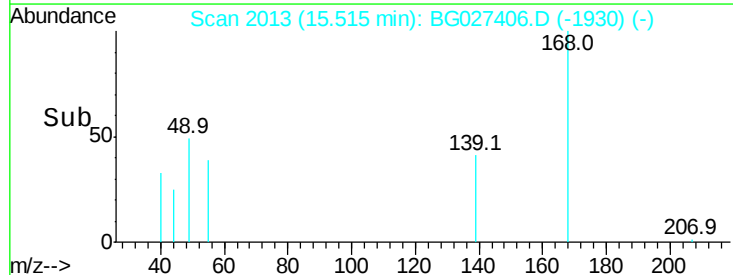
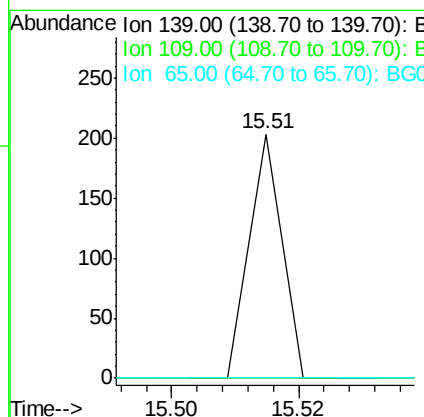
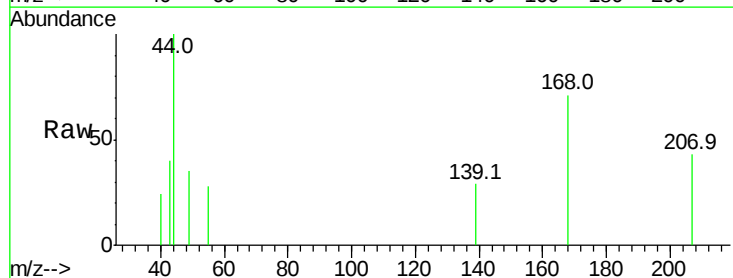
Instrument :
BNA_G
ClientSampleId :

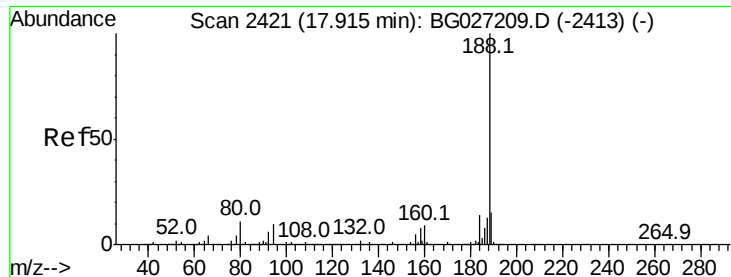
Tot Ion:172 Resp: 858311
Ion Ratio Lower Upper
172 100
171 37.9 32.2 48.2
170 24.7 21.8 32.6



#55
4-Nitrophenol
Concen: 6.16 ng
RT: 15.51 min Scan# 2013
Delta R.T. 0.19 min
Lab File: BG027406.D
Acq: 14 Jun 2017 4:16

Tgt Ion:139 Resp: 72
Ion Ratio Lower Upper
139 100
109 0.0 101.2 141.2#
65 0.0 135.3 175.3#

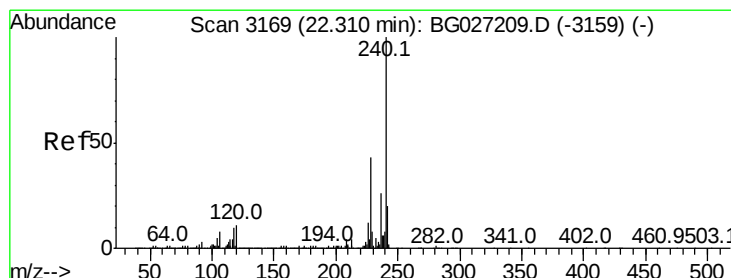
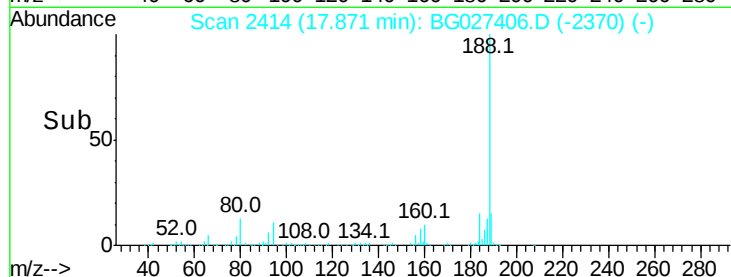
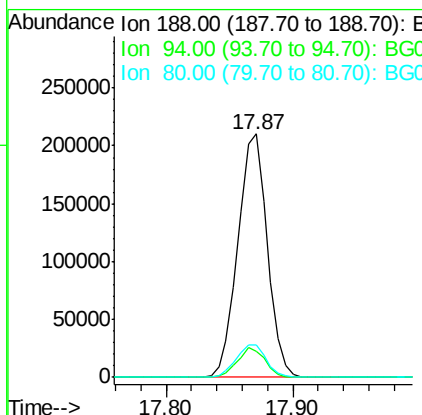
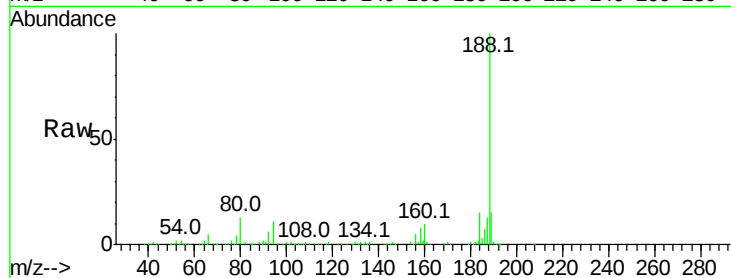




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.87 min Scan# 2414
Delta R.T. -0.04 min
Lab File: BG027406.D
Acq: 14 Jun 2017 4:16

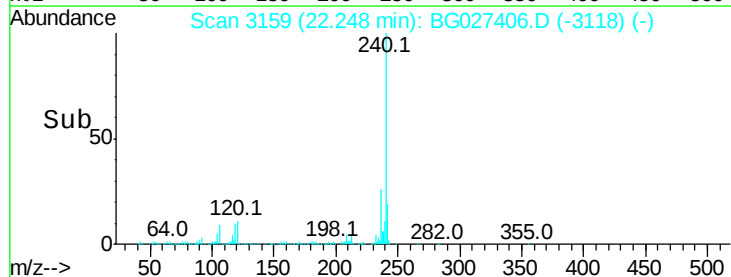
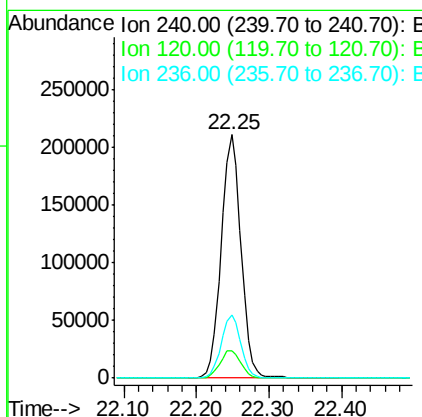
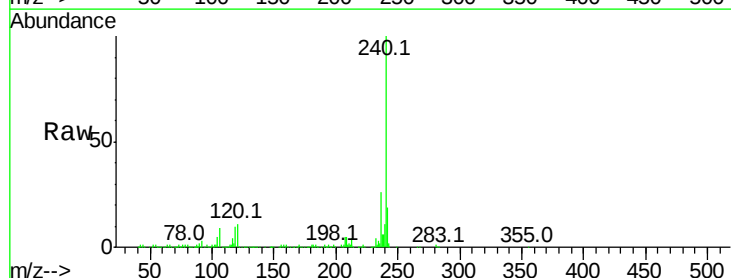
Instrument :
BNA_G
ClientSampled :

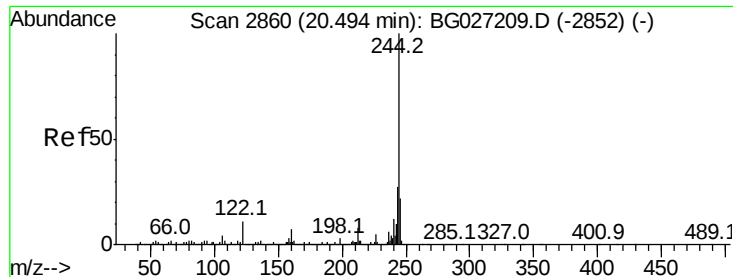
Tot Ion:188 Resp: 338283
Ion Ratio Lower Upper
188 100
94 10.7 5.8 8.8#
80 13.1 7.5 11.3#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 22.25 min Scan# 3159
Delta R.T. -0.06 min
Lab File: BG027406.D
Acq: 14 Jun 2017 4:16

Tgt Ion:240 Resp: 401073
Ion Ratio Lower Upper
240 100
120 11.5 5.7 8.5#
236 26.0 22.2 33.4





#78

Terphenyl-d14

Concen: 105.09 ng

RT: 20.44 min Scan# 2852

Delta R.T. -0.05 min

Lab File: BG027406.D

Acq: 14 Jun 2017 4:16

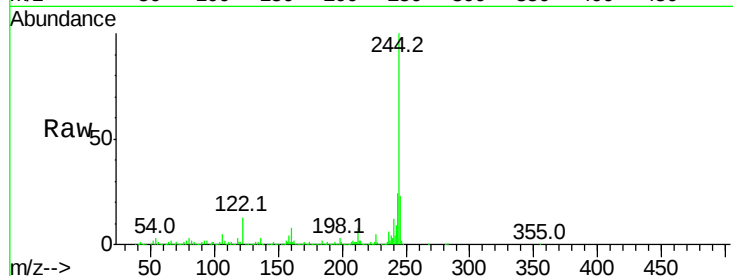
Instrument :

BNA_G

ClientSampleId :

Tot Ion:244 Resp: 1652295

Ion	Ratio	Lower	Upper
244	100		
212	8.2	10.0	15.0#
122	12.8	8.6	12.8

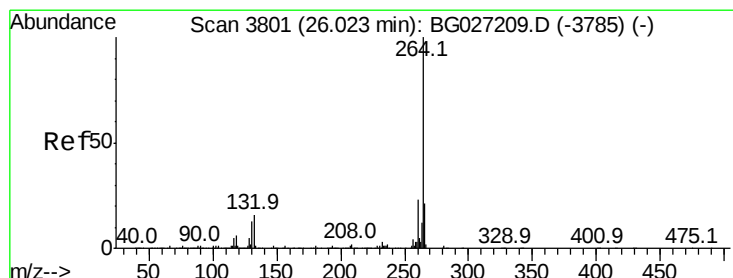
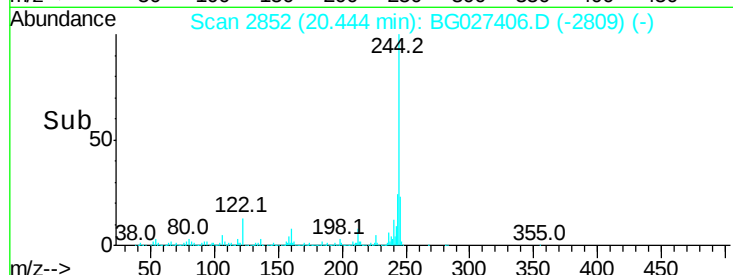
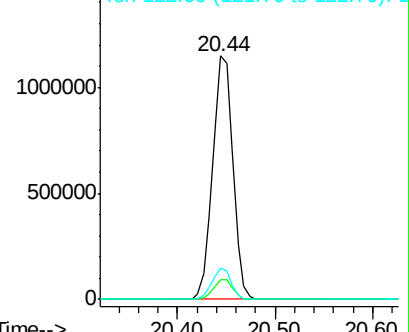


Abundance

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: 25.91 min Scan# 3783

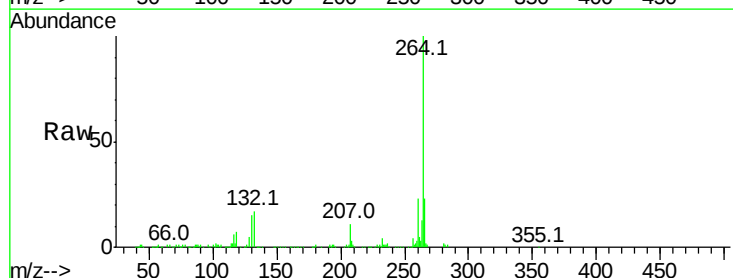
Delta R.T. -0.11 min

Lab File: BG027406.D

Acq: 14 Jun 2017 4:16

Tgt Ion:264 Resp: 371800

Ion	Ratio	Lower	Upper
264	100		
260	23.0	21.8	32.8
265	22.6	18.2	27.4



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

