

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102918\
 Data File : BG037635.D
 Acq On : 29 Oct 2018 23:03
 Operator : JU/SJ
 Sample : J5665-06
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DL-08B

Quant Time: Oct 30 05:34:41 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 18 14:06:42 2018
 Response via : Initial Calibration

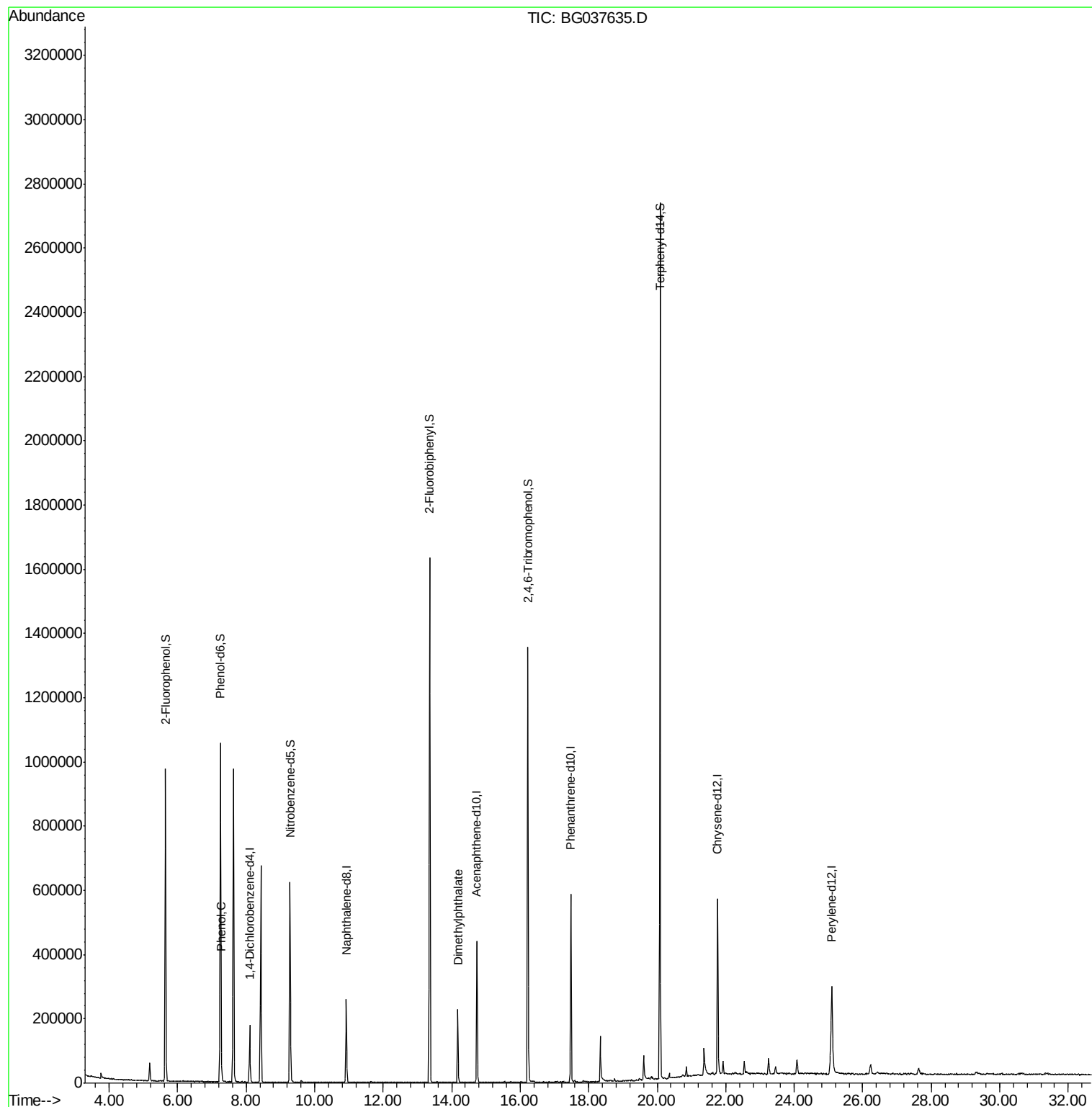
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	53017	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	230291	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	159885	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	383005	20.00	ng	0.00
76) Chrysene-d12	21.77	240	349397	20.00	ng	0.00
87) Perylene-d12	25.09	264	333144	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	449916	141.88	ng	0.00
7) Phenol-d6	7.24	99	676621	141.10	ng	0.00
23) Nitrobenzene-d5	9.28	82	398403	96.91	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	247014	141.65	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	924048	87.15	ng	0.00
79) Terphenyl-d14	20.08	244	1309392	80.08	ng	0.00
Target Compounds						
10) Phenol	7.27	94	49350	9.754	ng	98
50) Dimethylphthalate	14.18	163	163304	13.203	ng	100

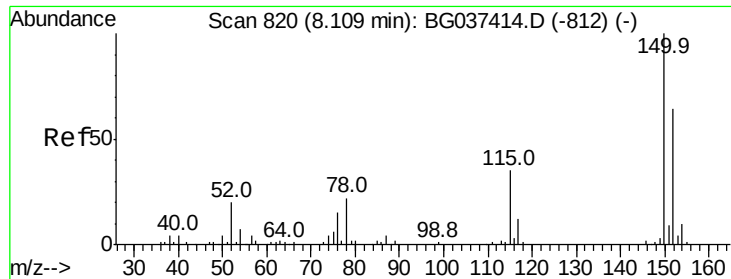
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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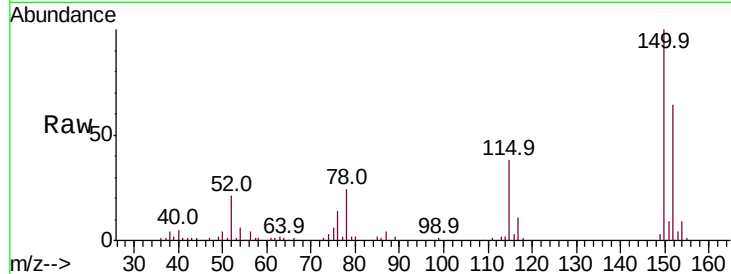


#1

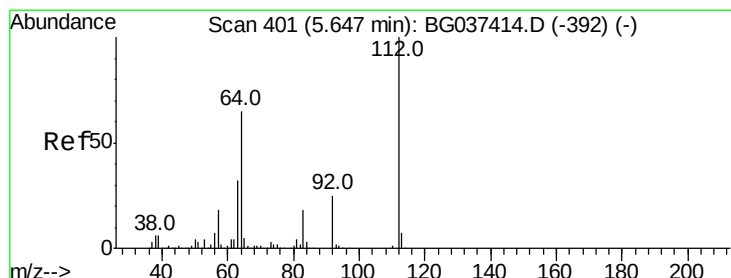
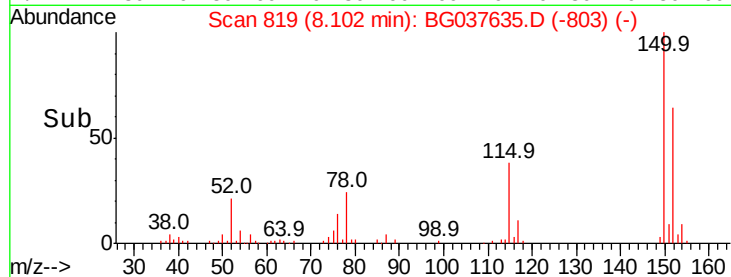
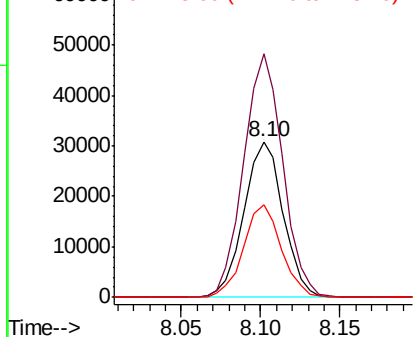
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG037635.D
Acq: 29 Oct 2018 23:03

Instrument :
BNA_G
ClientSampleId :
DL-08B

Tot Ion:152 Resp: 53017
Ion Ratio Lower Upper
152 100
150 156.7 126.0 189.0
115 60.0 45.5 68.3



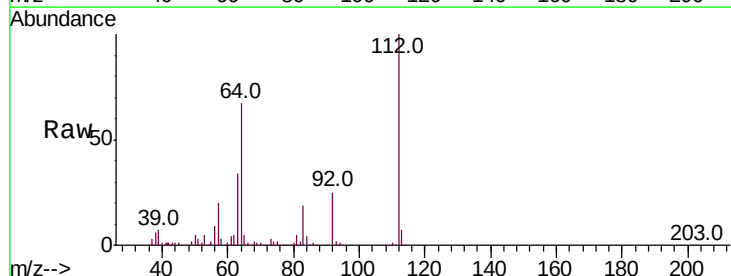
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



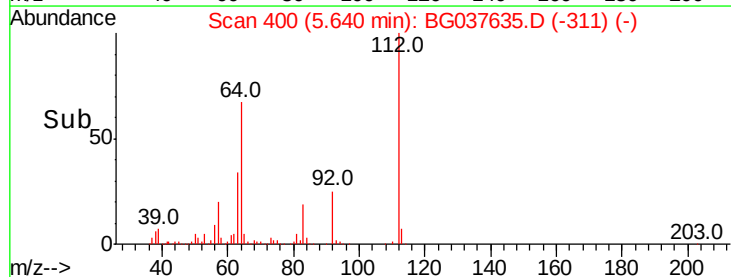
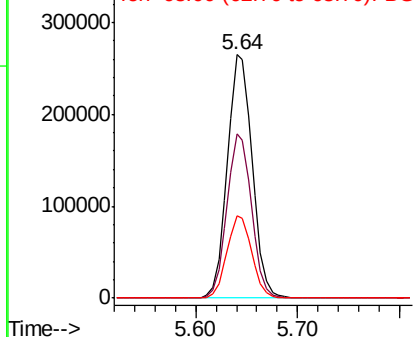
#5

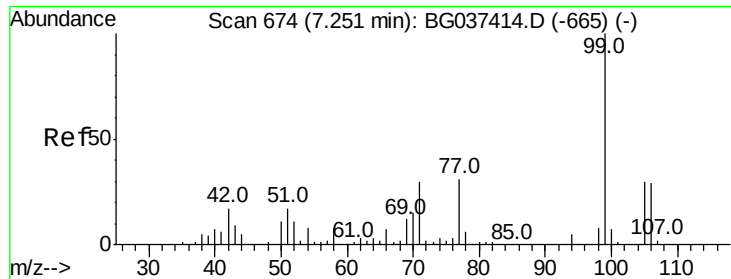
2-Fluorophenol
Concen: 141.878 ng
RT: 5.64 min Scan# 400
Delta R.T. -0.01 min
Lab File: BG037635.D
Acq: 29 Oct 2018 23:03

Tgt Ion:112 Resp: 449916
Ion Ratio Lower Upper
112 100
64 67.4 53.1 79.7
63 33.6 27.3 40.9



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





#7

Phenol-d6

Concen: 141.104 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037635.D

Acq: 29 Oct 2018 23:03

Instrument :

BNA_G

ClientSampleId :

DL-08B

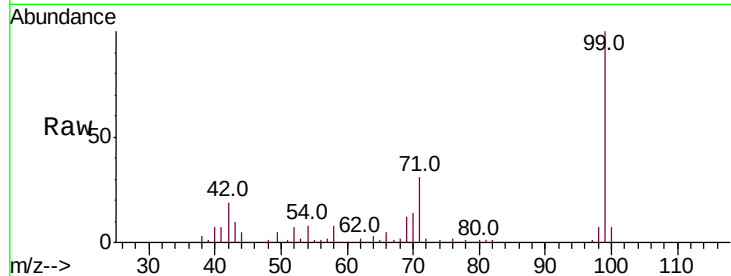
Tot Ion: 99 Resp: 676621

Ion Ratio Lower Upper

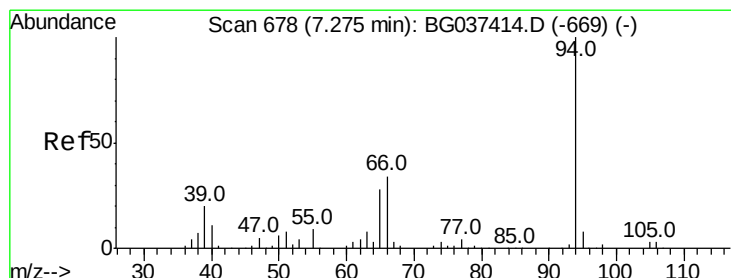
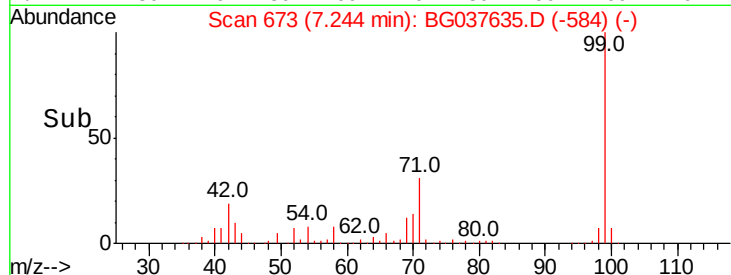
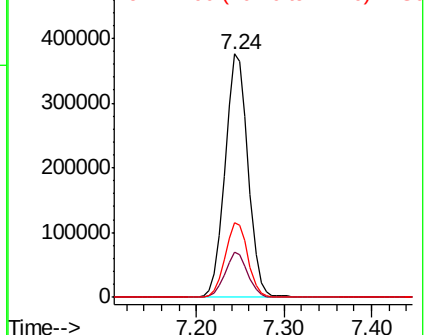
99 100

42 18.6 15.0 22.4

71 30.8 25.5 38.3



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



#10

Phenol

Concen: 9.754 ng

RT: 7.27 min Scan# 678

Delta R.T. -0.00 min

Lab File: BG037635.D

Acq: 29 Oct 2018 23:03

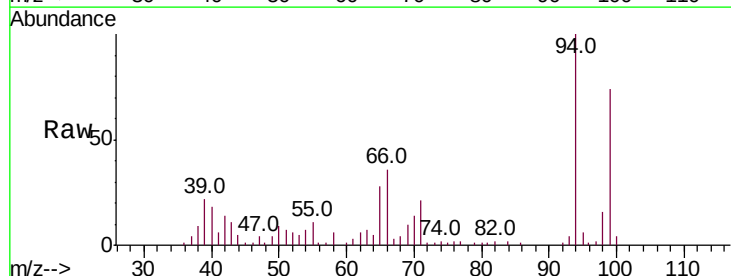
Tgt Ion: 94 Resp: 49350

Ion Ratio Lower Upper

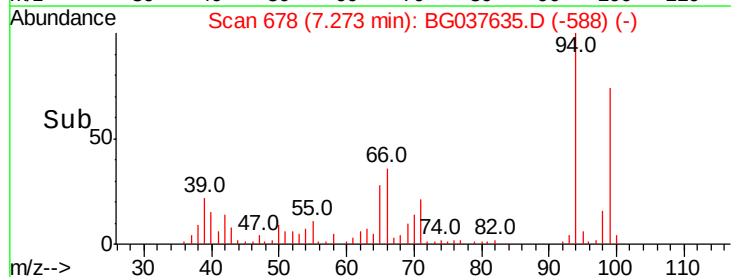
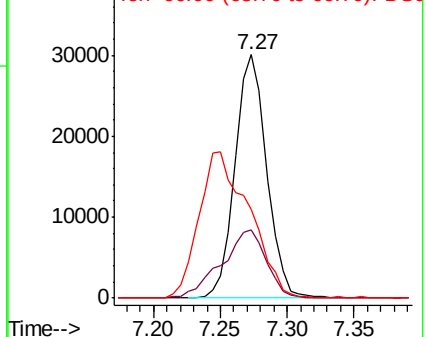
94 100

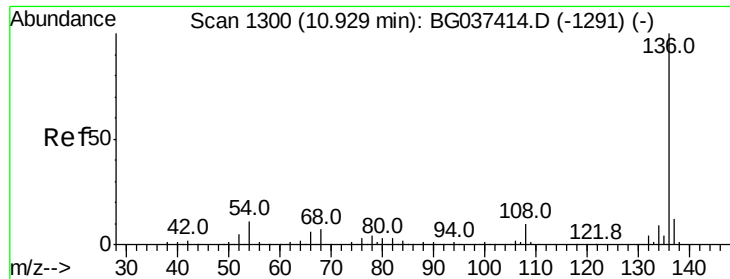
65 28.3 9.7 49.7

66 36.3 15.9 55.9



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

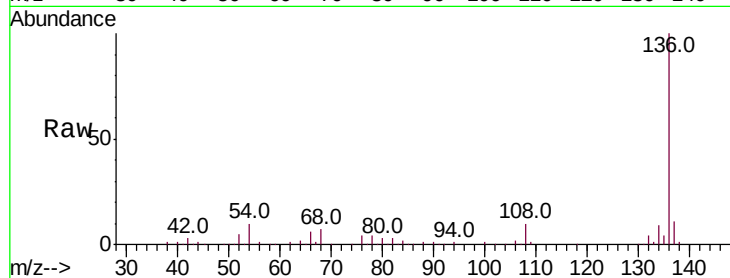




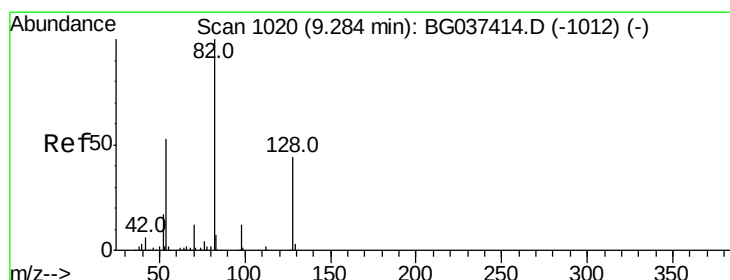
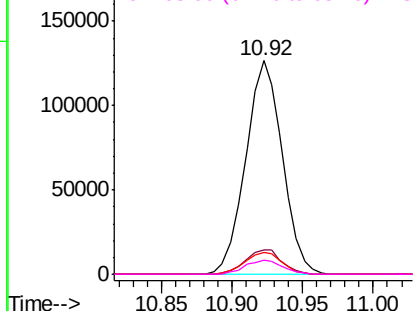
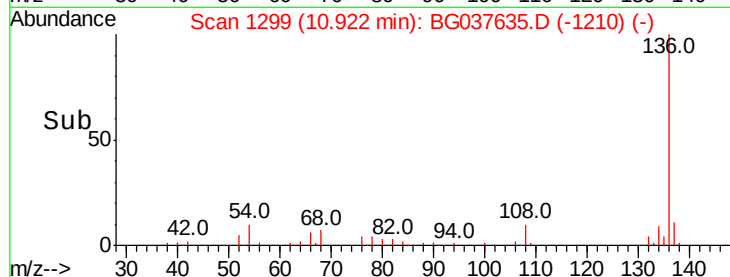
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BG037635.D
Acq: 29 Oct 2018 23:03

Instrument :
BNA_G
ClientSampleId :
DL-08B

Tot Ion:136	Resp:	230291
Ion Ratio	Lower	Upper
136 100		
137 11.2	9.6	14.4
54 10.2	7.9	11.9
68 6.5	4.8	7.2

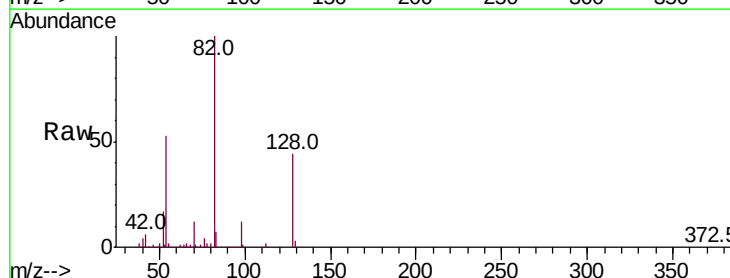


Abundance Ion 136.00 (135.70 to 136.70): E
200000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

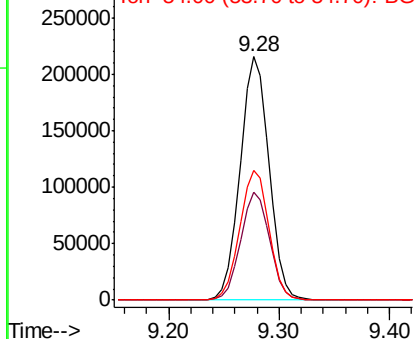
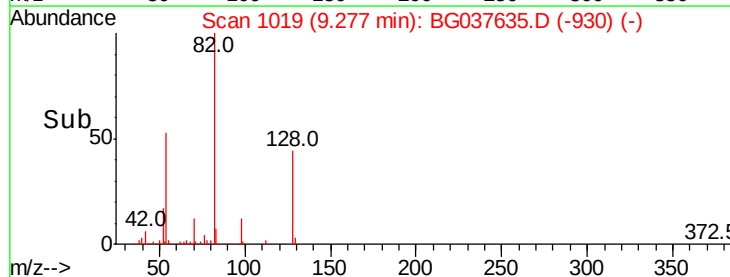


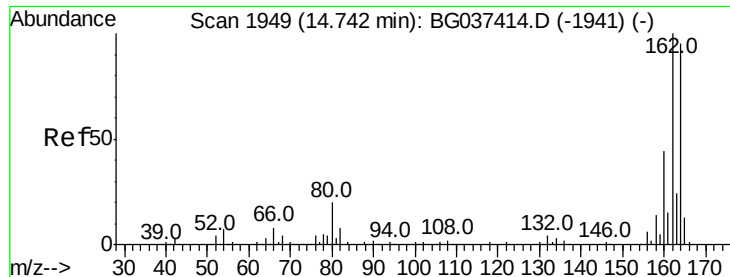
#23
Nitrobenzene-d5
Concen: 96.913 ng
RT: 9.28 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BG037635.D
Acq: 29 Oct 2018 23:03

Tgt	Ion: 82	Resp:	398403
Ion	Ratio	Lower	Upper
82	100		
128	44.2	34.6	51.8
54	53.2	45.3	67.9



Abundance Ion 82.00 (81.70 to 82.70): BGC
300000
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BGC





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.74 min Scan# 1948

Delta R.T. -0.01 min

Lab File: BG037635.D

Acq: 29 Oct 2018 23:03

Instrument :

BNA_G

ClientSampled :

DL-08B

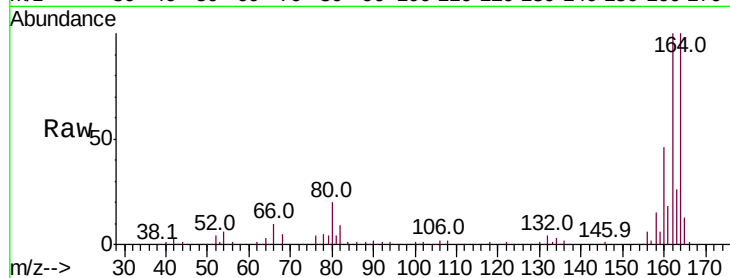
Tot Ion:164 Resp: 159885

Ion Ratio Lower Upper

164 100

162 100.5 81.3 121.9

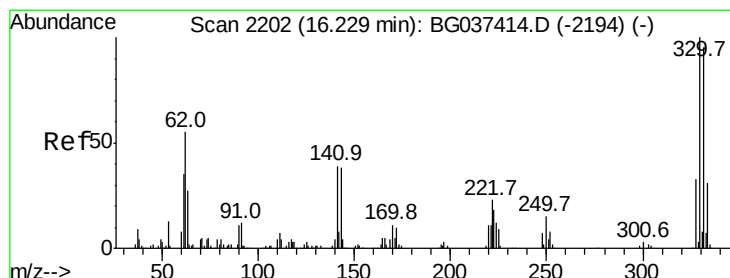
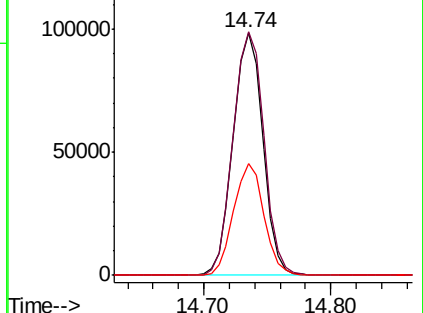
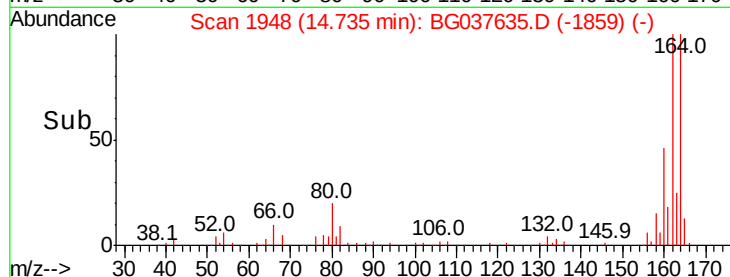
160 46.3 36.3 54.5



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



#42

2,4,6-Tribromophenol

Concen: 141.649 ng

RT: 16.22 min Scan# 2201

Delta R.T. -0.01 min

Lab File: BG037635.D

Acq: 29 Oct 2018 23:03

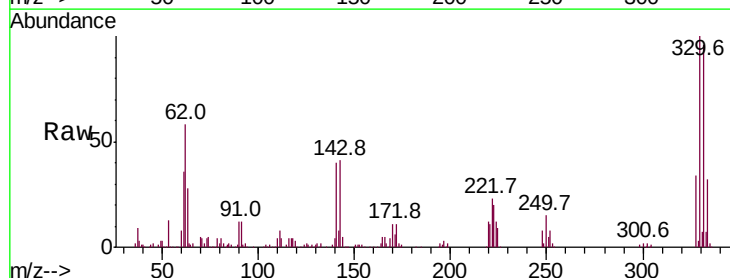
Tgt Ion:330 Resp: 247014

Ion Ratio Lower Upper

330 100

332 97.2 78.4 117.6

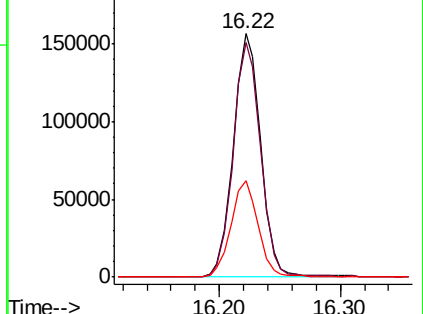
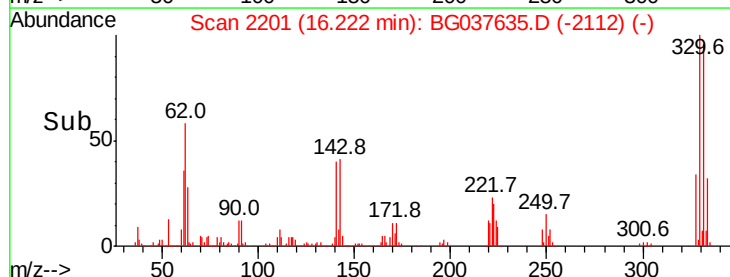
141 39.5 32.2 48.2

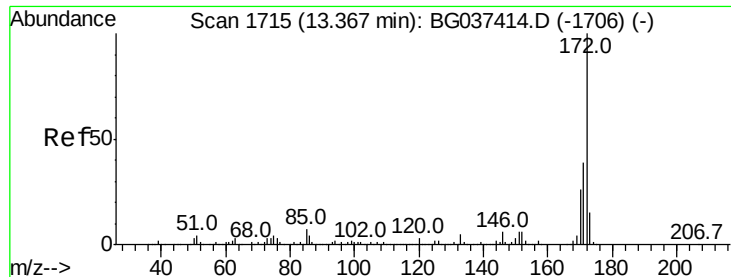


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

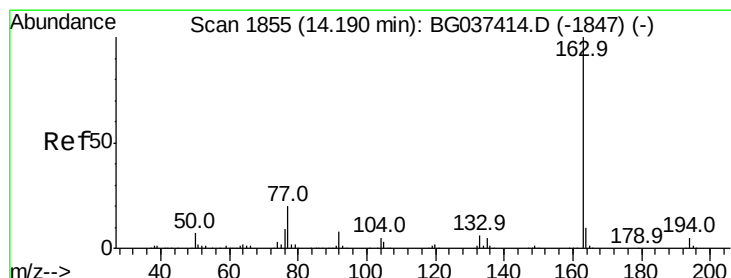
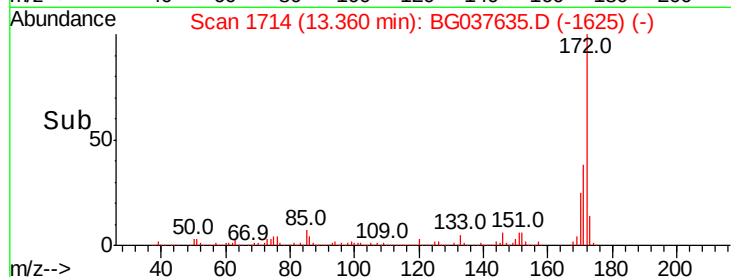
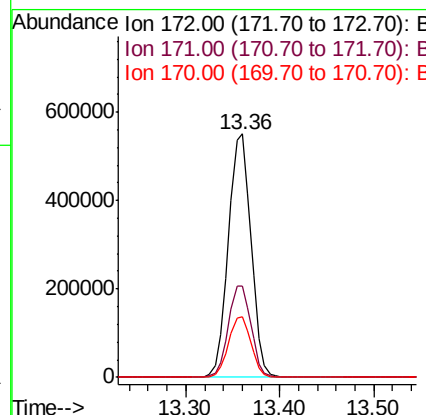
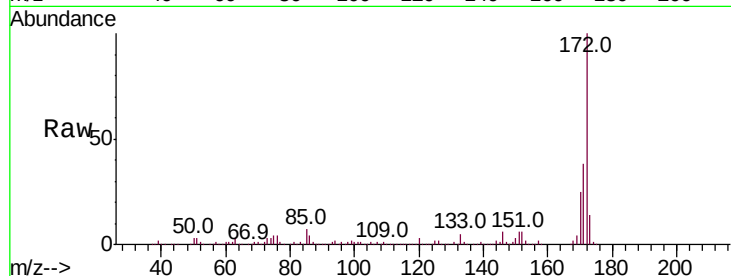




#45
2-Fluorobiphenyl
Concen: 87.151 ng
RT: 13.36 min Scan# 1714
Delta R.T. -0.01 min
Lab File: BG037635.D
Acq: 29 Oct 2018 23:03

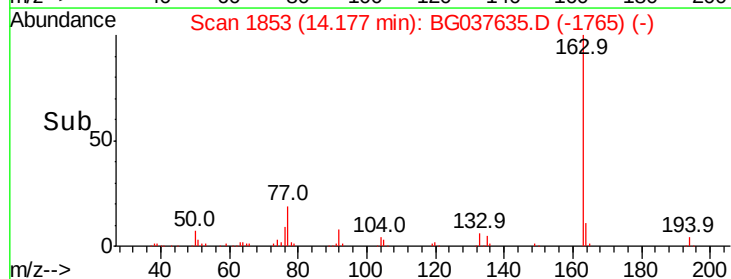
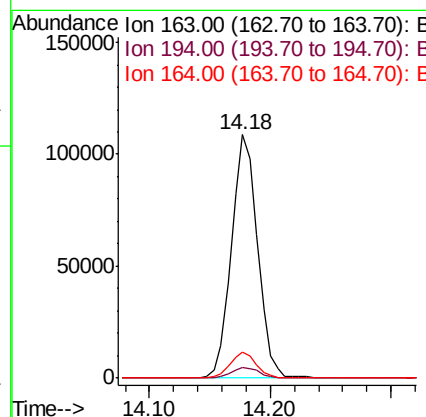
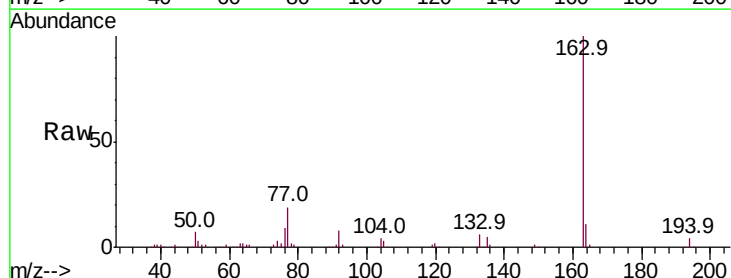
Instrument :
BNA_G
ClientSampleId :
DL-08B

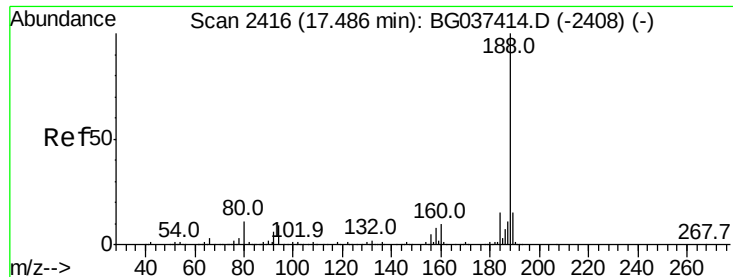
Tot Ion	Ratio	Lower	Upper
172	100		
171	37.6	31.0	46.4
170	24.9	20.2	30.2



#50
Dimethylphthalate
Concen: 13.203 ng
RT: 14.18 min Scan# 1853
Delta R.T. -0.01 min
Lab File: BG037635.D
Acq: 29 Oct 2018 23:03

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.5	5.3
164	10.8	8.5	12.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.48 min Scan# 2415

Delta R.T. -0.01 min

Lab File: BG037635.D

Acq: 29 Oct 2018 23:03

Instrument :

BNA_G

ClientSampleId :

DL-08B

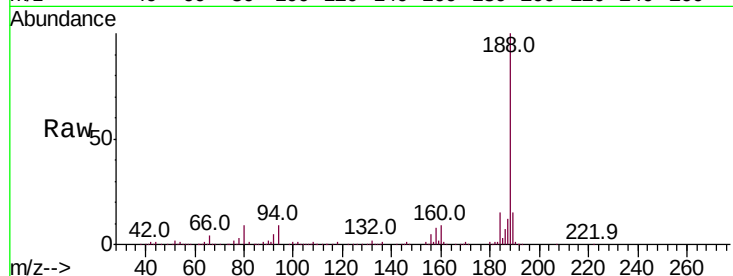
Tot Ion:188 Resp: 383005

Ion Ratio Lower Upper

188 100

94 8.7 7.2 10.8

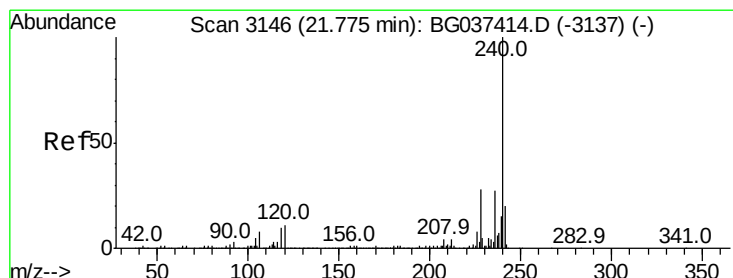
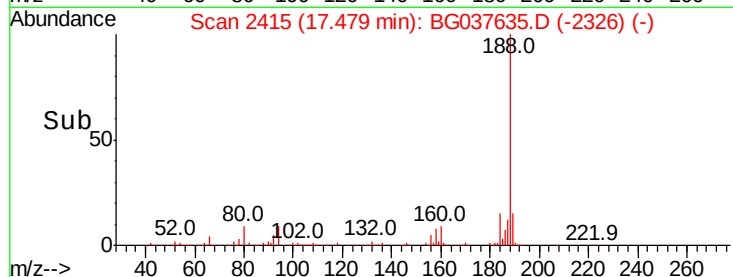
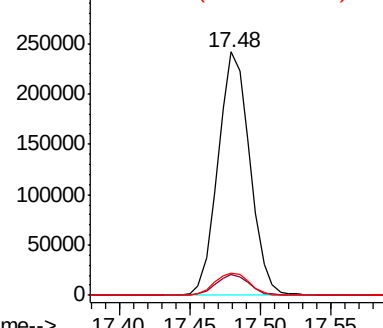
80 9.4 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG0

Ion 80.00 (79.70 to 80.70): BG0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.77 min Scan# 3145

Delta R.T. -0.01 min

Lab File: BG037635.D

Acq: 29 Oct 2018 23:03

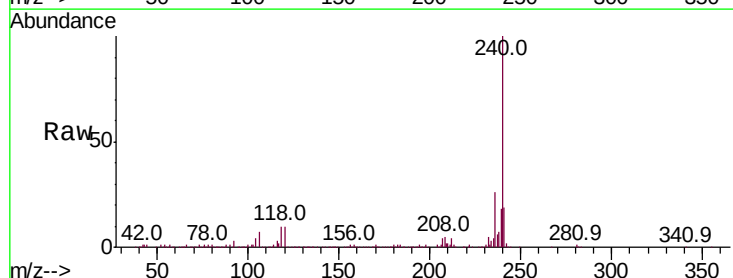
Tgt Ion:240 Resp: 349397

Ion Ratio Lower Upper

240 100

120 10.3 8.1 12.1

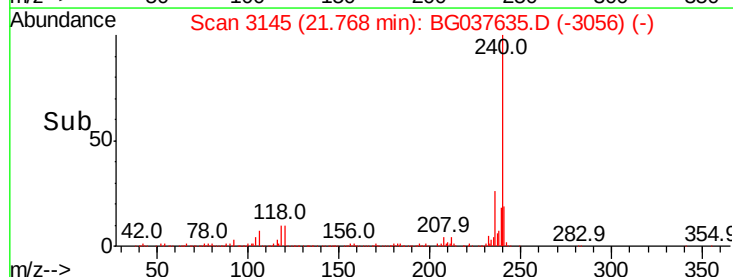
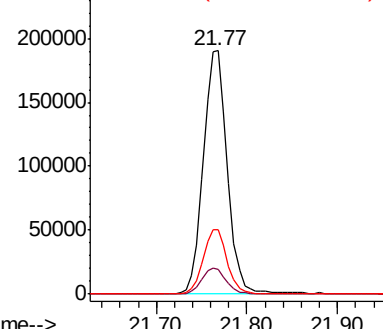
236 26.3 21.4 32.0

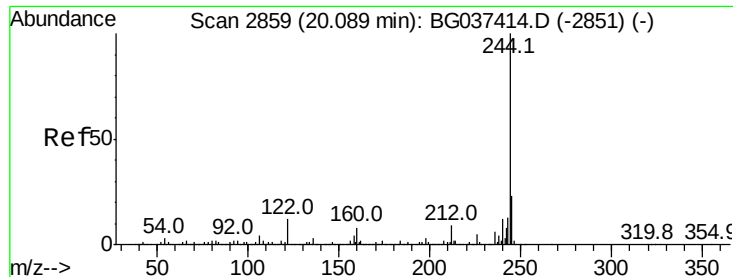


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 80.077 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG037635.D

Acq: 29 Oct 2018 23:03

Instrument :

BNA_G

ClientSampleId :

DL-08B

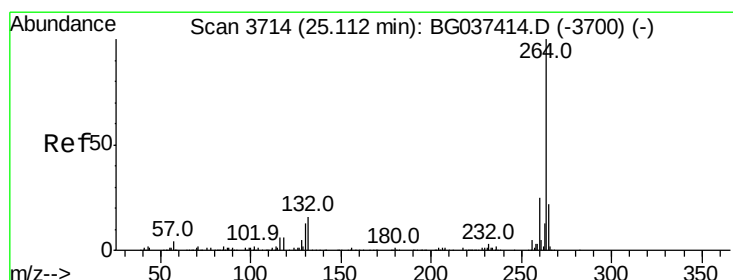
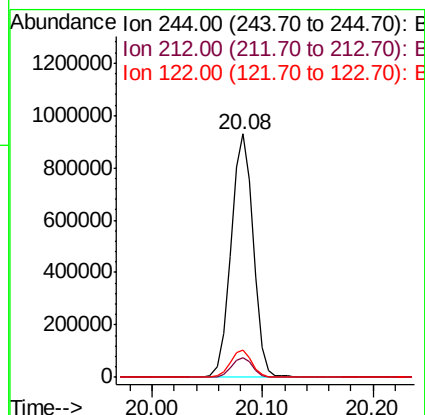
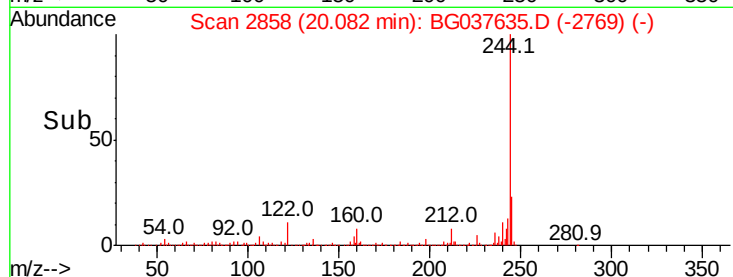
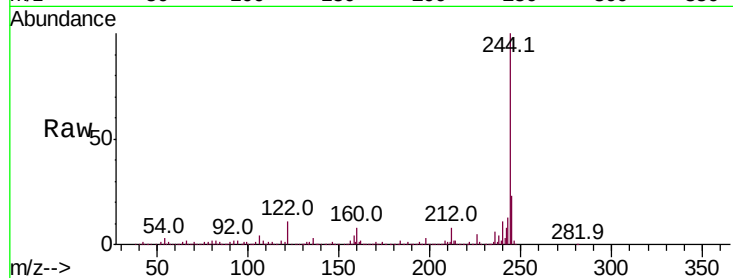
Tot Ion:244 Resp: 1309392

Ion Ratio Lower Upper

244 100

212 8.3 6.5 9.7

122 11.3 9.0 13.4



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.09 min Scan# 3711

Delta R.T. -0.02 min

Lab File: BG037635.D

Acq: 29 Oct 2018 23:03

Tgt Ion:264 Resp: 333144

Ion Ratio Lower Upper

264 100

260 22.6 18.2 27.4

265 21.3 17.9 26.9

