

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101719\
 Data File : BG043274.D
 Acq On : 17 Oct 2019 22:51
 Operator : JU
 Sample : K5292-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 20180657-AMENDED-COMP-D

Quant Time: Oct 18 02:28:52 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 09 01:11:45 2019
 Response via : Initial Calibration

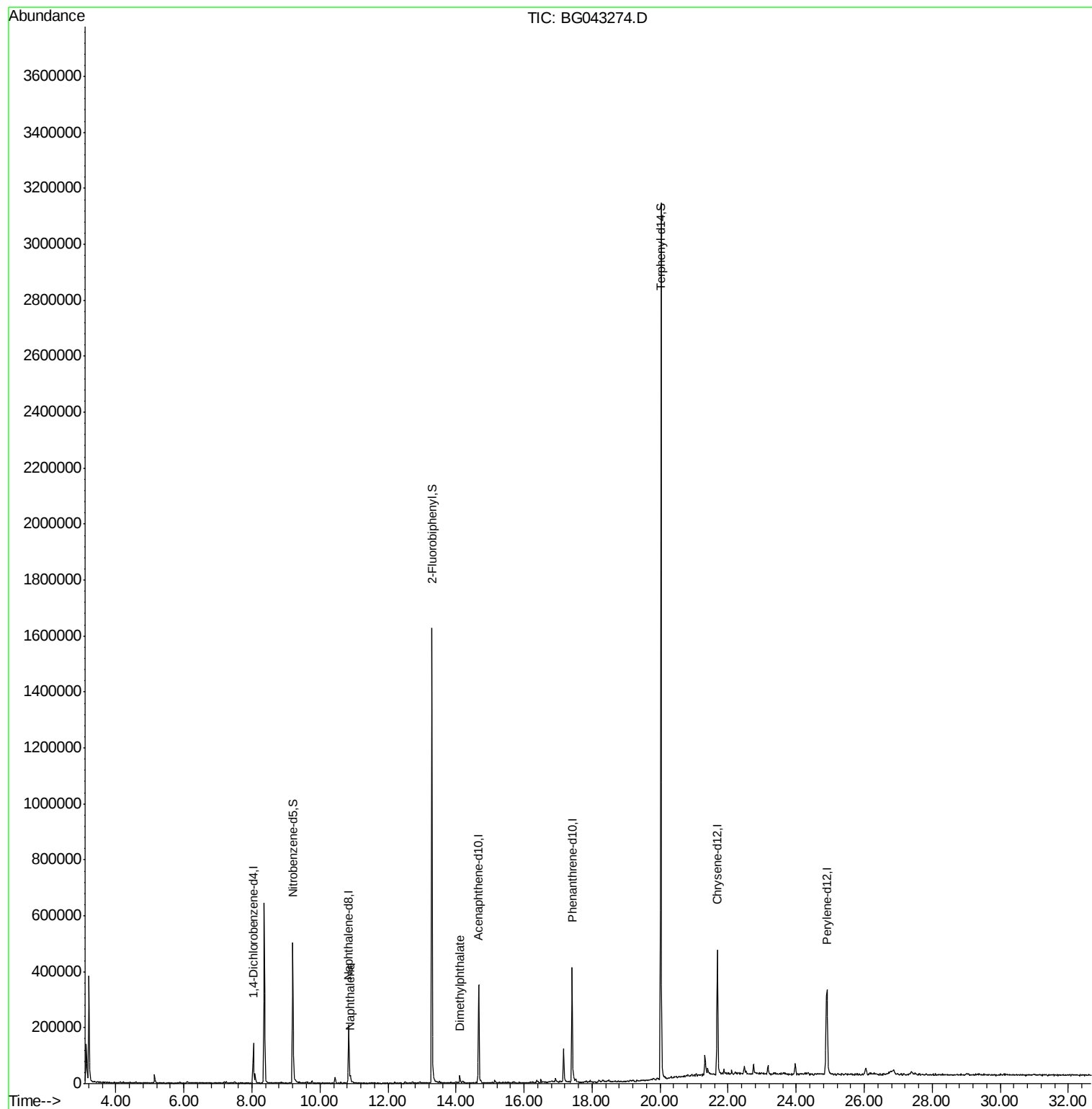
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	47157	20.00	ng	-0.02
21) Naphthalene-d8	10.84	136	196277	20.00	ng	-0.02
39) Acenaphthene-d10	14.66	164	138480	20.00	ng	-0.02
64) Phenanthrene-d10	17.41	188	291815	20.00	ng	-0.01
76) Chrysene-d12	21.68	240	321828	20.00	ng	-0.01
87) Perylene-d12	24.90	264	373657	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	61	0.02	ng	0.02
7) Phenol-d6	7.21	99	1068	0.28	ng	-0.02
23) Nitrobenzene-d5	9.20	82	339033	83.96	ng	-0.02
42) 2,4,6-Tribromophenol	16.18	330	294	0.12	ng	0.02
45) 2-Fluorobiphenyl	13.29	172	923222	96.65	ng	-0.02
79) Terphenyl-d14	20.02	244	1617958	107.13	ng	0.00
Target Compounds						
31) Naphthalene	10.90	128	21198	2.194	ng	99
50) Dimethylphthalate	14.11	163	21328	2.056	ng	96

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

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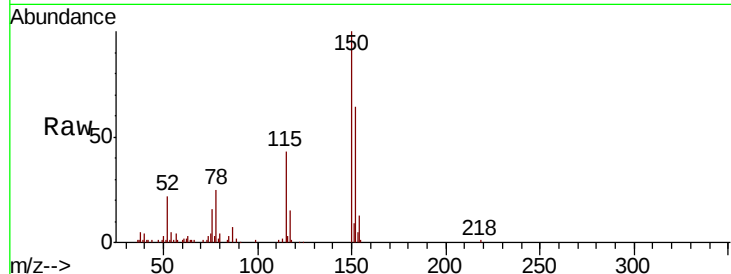


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 842
Delta R.T. -0.02 min
Lab File: BG043274.D
Acq: 17 Oct 2019 22:51

Instrument :
BNA_G
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20180657-AMENDED-COMP-D

Tot Ion	152	Resp	47157
Ion Ratio	Lower	Upper	
152	100		
150	155.1	115.0	172.4
115	66.6	47.0	70.6

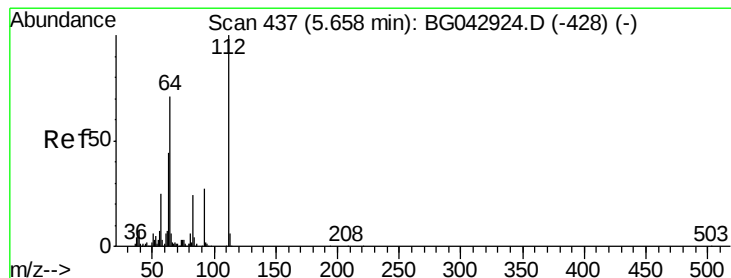
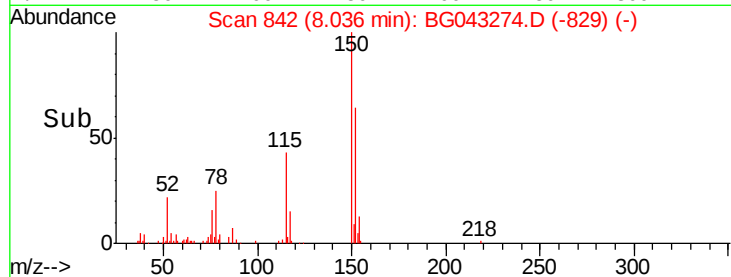
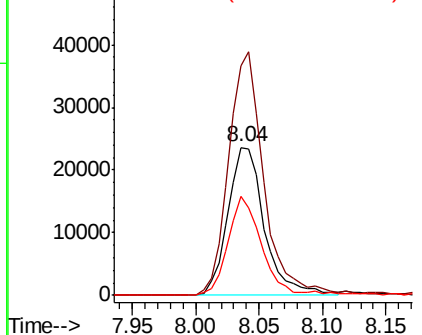


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

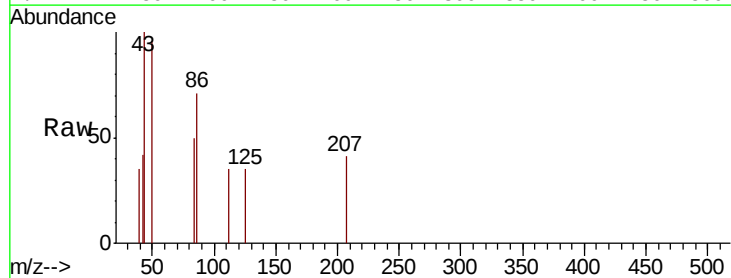
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 0.023 ng
RT: 5.66 min Scan# 438
Delta R.T. 0.02 min
Lab File: BG043274.D
Acq: 17 Oct 2019 22:51

Tgt Ion	112	Resp	61
Ion Ratio	Lower	Upper	
112	100		
64	0.0	56.6	84.8#
63	0.0	35.1	52.7#

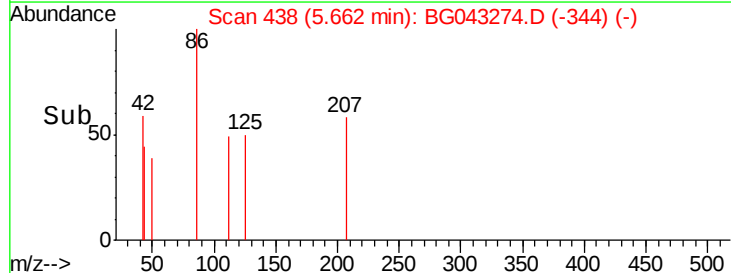
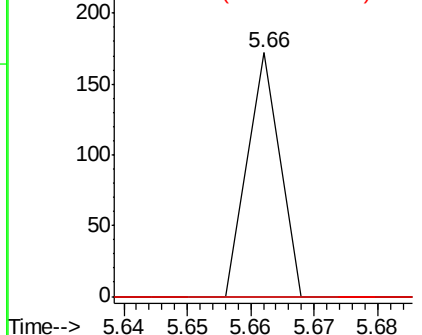


Abundance

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: 0.281 ng

RT: 7.21 min Scan# 702

Delta R.T. -0.02 min

Lab File: BG043274.D

Acq: 17 Oct 2019 22:51

Instrument :

BNA_G

ClientSampleId :

20180657-AMENDED-COMP-D

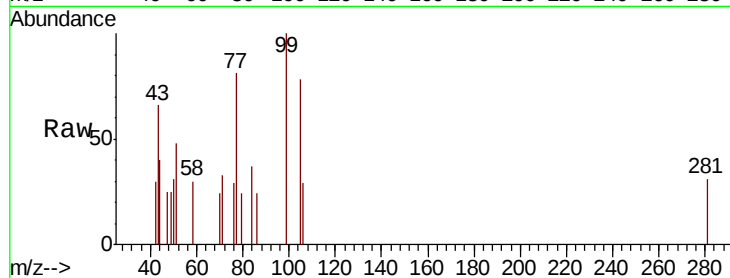
Tot Ion: 99 Resp: 1068

Ion Ratio Lower Upper

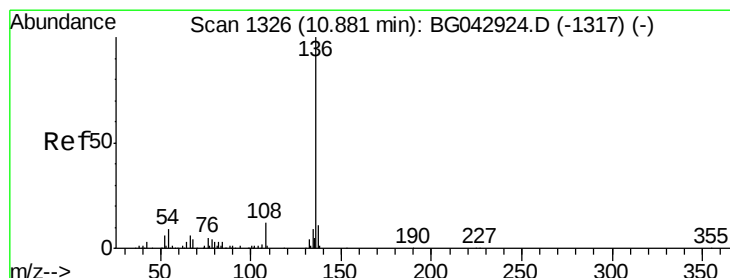
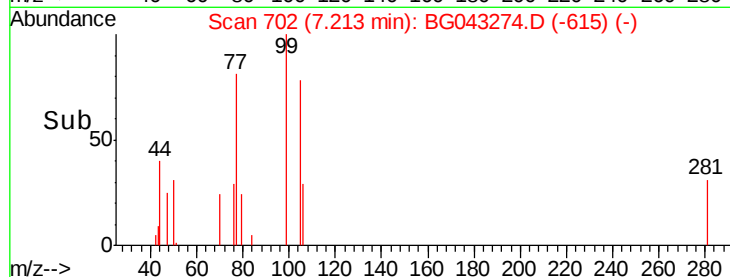
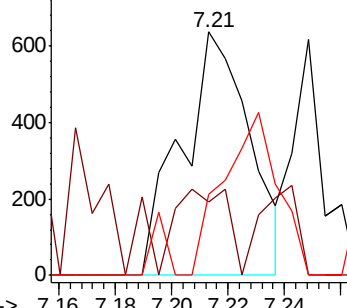
99 100

42 30.3 17.2 25.8#

71 33.3 33.1 49.7



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.84 min Scan# 1320

Delta R.T. -0.02 min

Lab File: BG043274.D

Acq: 17 Oct 2019 22:51

Tgt Ion: 136 Resp: 196277

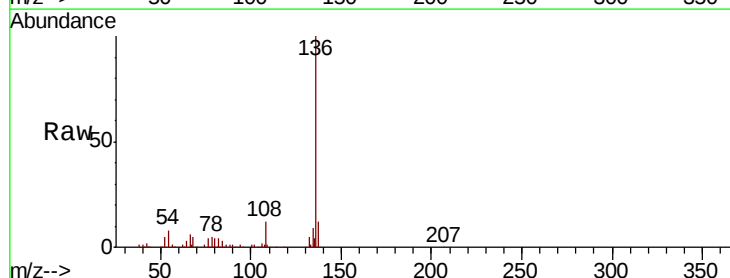
Ion Ratio Lower Upper

136 100

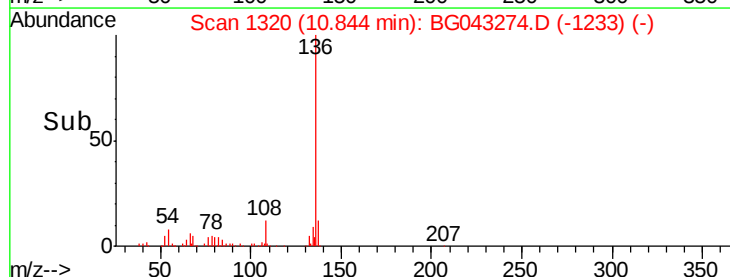
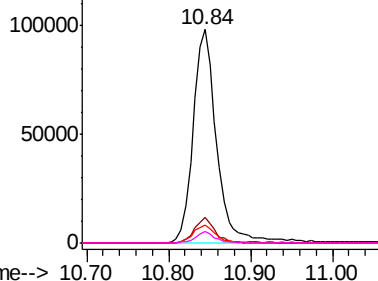
137 12.0 8.5 12.7

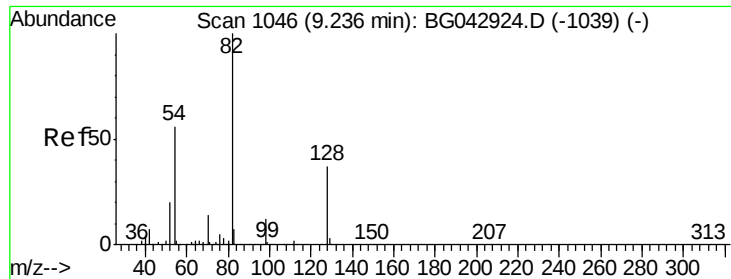
54 8.2 7.4 11.2

68 5.4 3.6 5.4#



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

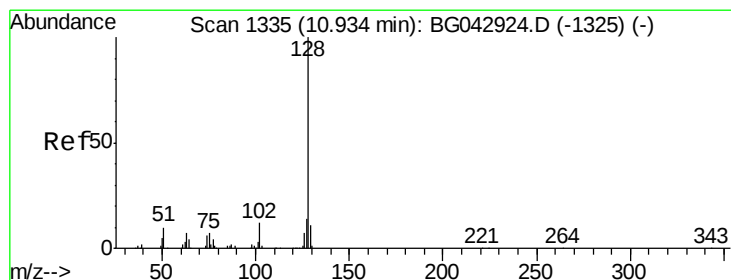
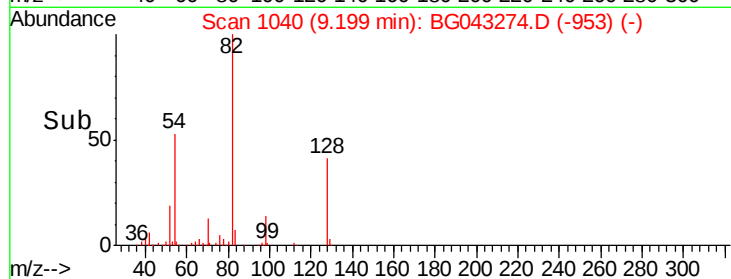
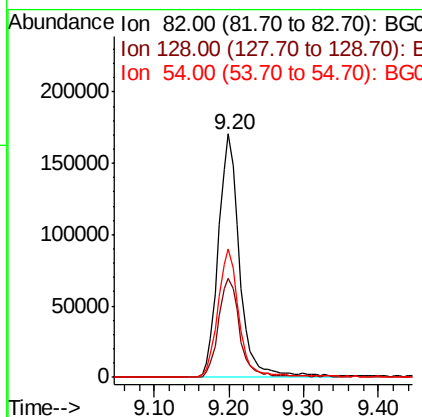
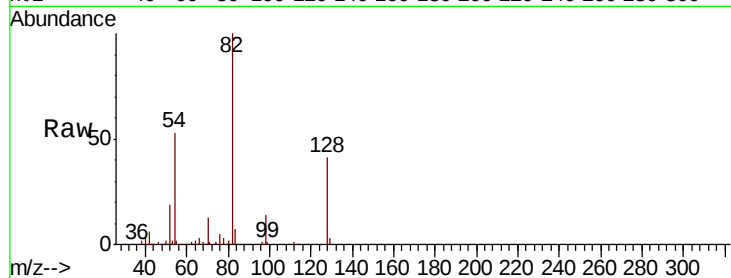




#23
 Nitrobenzene-d5
 Concen: 83.957 ng
 RT: 9.20 min Scan# 1040
 Delta R.T. -0.02 min
 Lab File: BG043274.D
 Acq: 17 Oct 2019 22:51

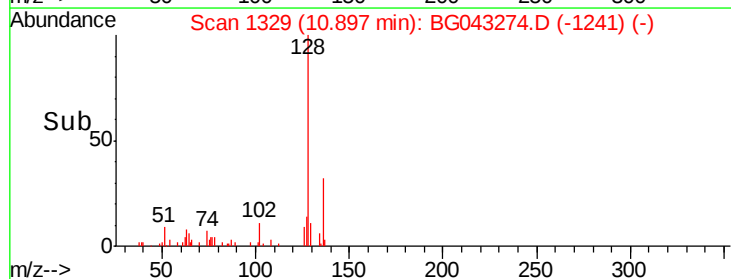
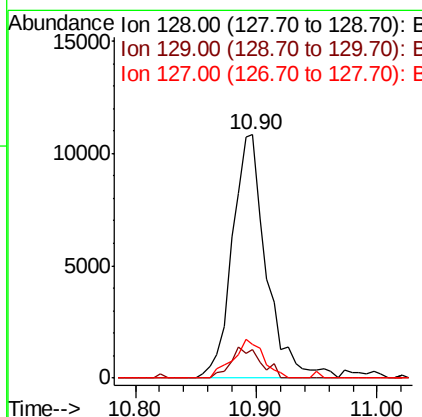
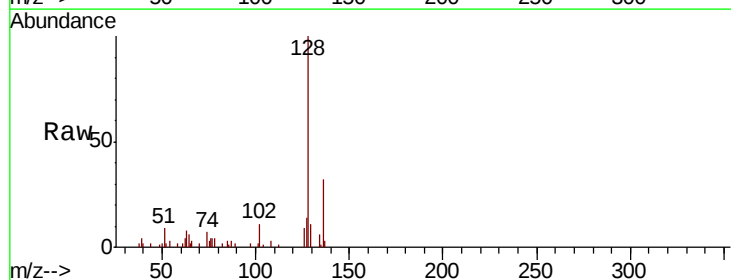
Instrument :
 BNA_G
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 20180657-AMENDED-COMP-D

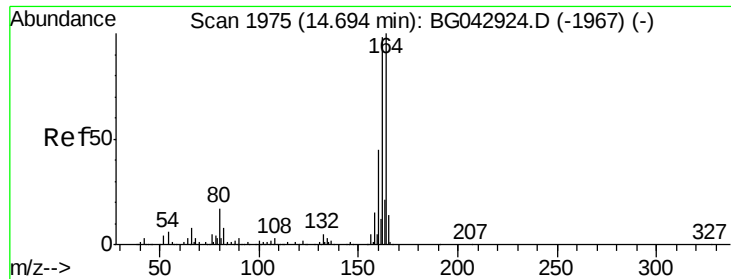
Tot Ion	Ratio	Lower	Upper
82	100		
128	40.8	29.5	44.3
54	52.9	44.6	67.0



#31
 Naphthalene
 Concen: 2.194 ng
 RT: 10.90 min Scan# 1329
 Delta R.T. -0.01 min
 Lab File: BG043274.D
 Acq: 17 Oct 2019 22:51

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.5	8.8	13.2
127	13.7	11.3	16.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.66 min Scan# 1970

Delta R.T. -0.02 min

Lab File: BG043274.D

Acq: 17 Oct 2019 22:51

Instrument :

BNA_G

ClientSampleId :

20180657-AMENDED-COMP-D

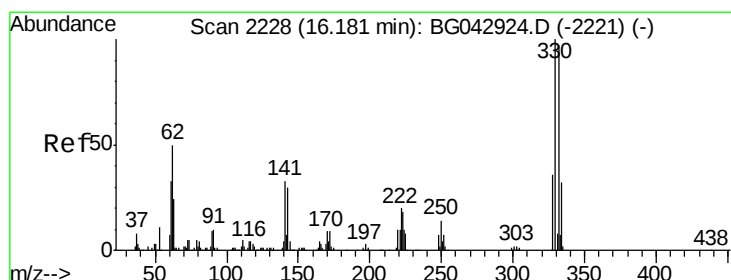
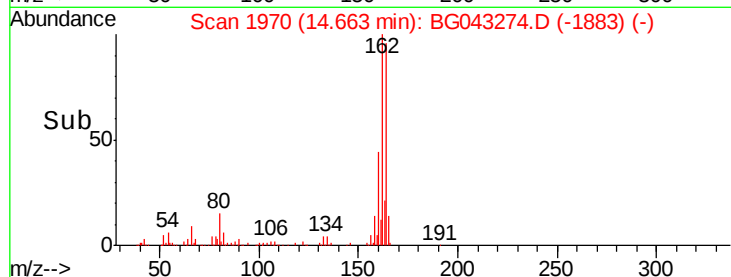
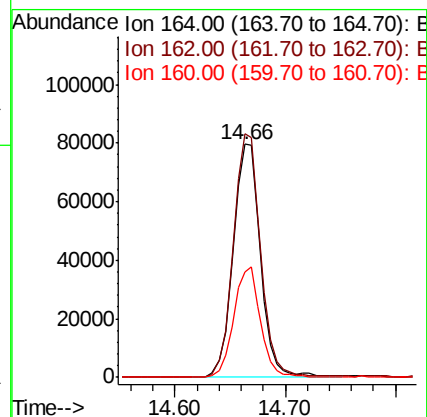
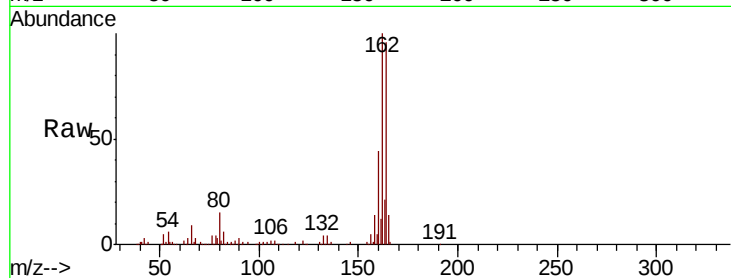
Tot Ion:164 Resp: 138480

Ion	Ratio	Lower	Upper
164	100		
162	104.3	78.5	117.7
160	45.4	35.9	53.9

164 100

162 104.3 78.5 117.7

160 45.4 35.9 53.9



#42

2,4,6-Tribromophenol

Concen: 0.123 ng

RT: 16.18 min Scan# 2229

Delta R.T. 0.02 min

Lab File: BG043274.D

Acq: 17 Oct 2019 22:51

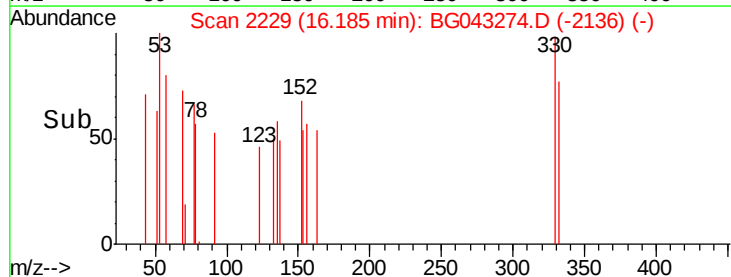
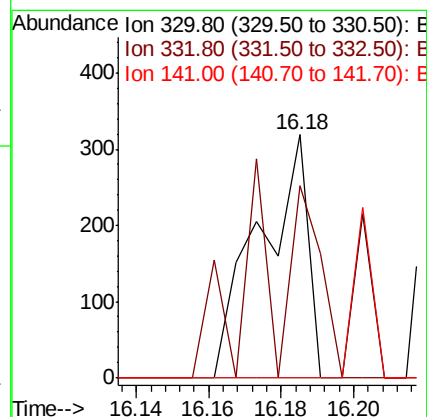
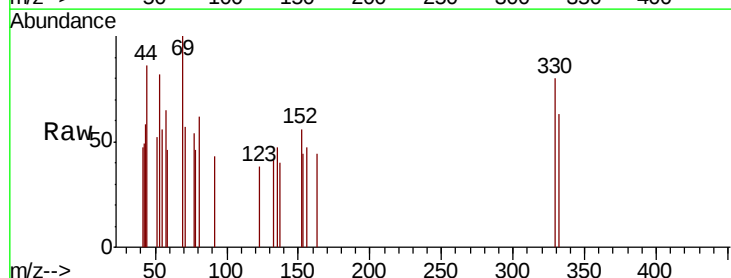
Tgt Ion:330 Resp: 294

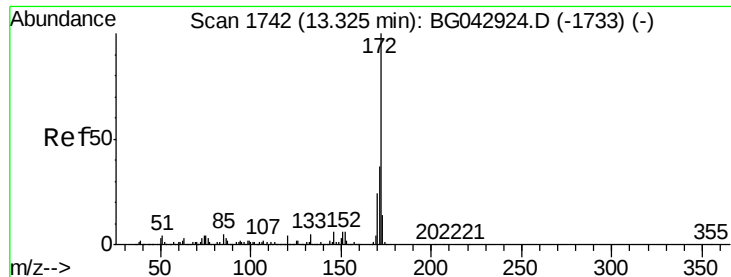
Ion	Ratio	Lower	Upper
330	100		
332	53.1	78.2	117.2#
141	0.0	26.0	39.0#

330 100

332 53.1 78.2 117.2#

141 0.0 26.0 39.0#

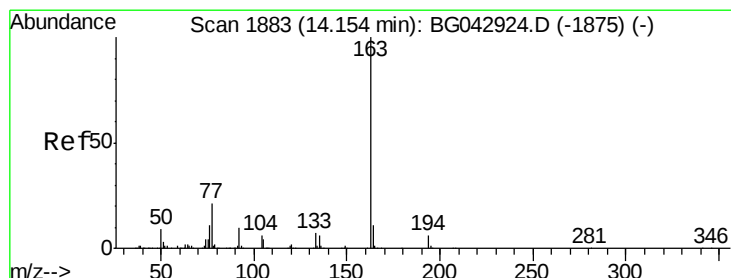
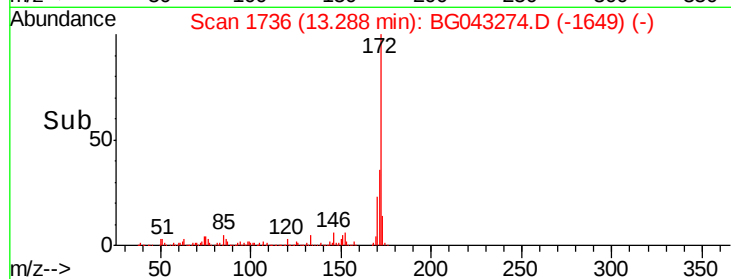
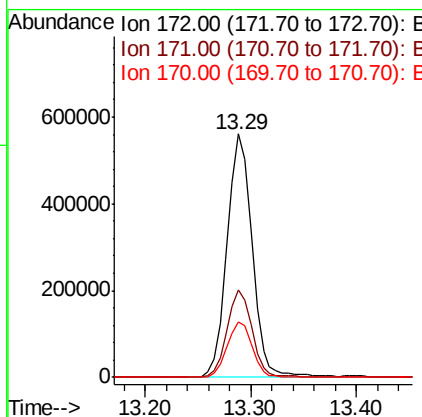
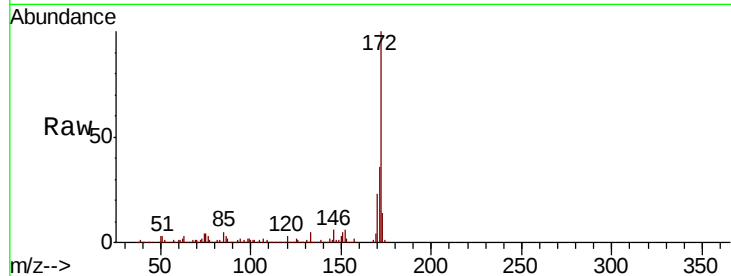




#45
2-Fluorobiphenyl
Concen: 96.649 ng
RT: 13.29 min Scan# 1736
Delta R.T. -0.02 min
Lab File: BG043274.D
Acq: 17 Oct 2019 22:51

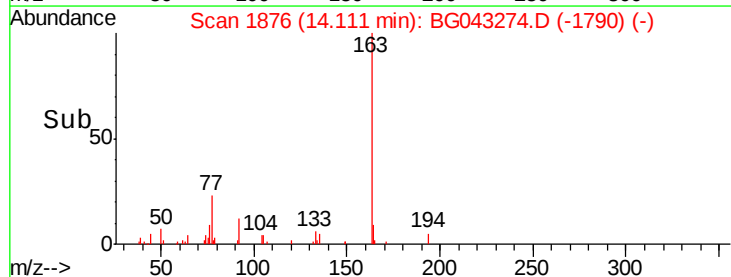
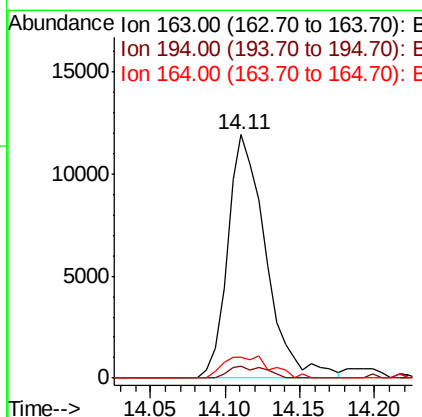
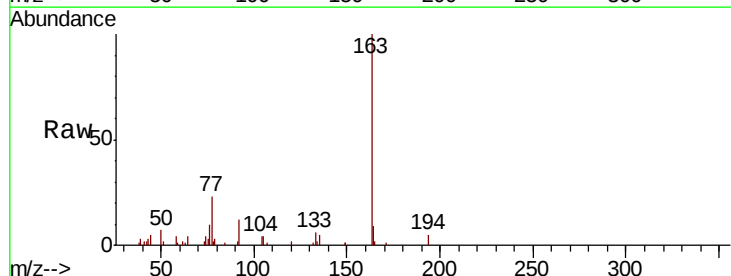
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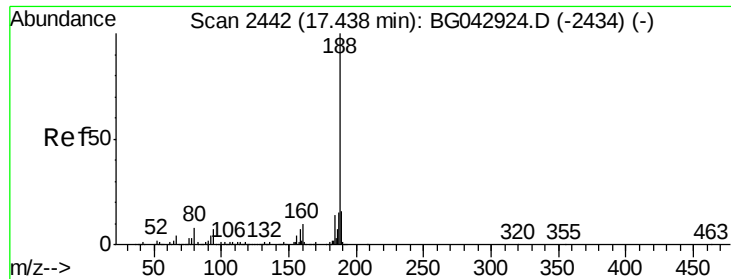
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.6	44.4
170	22.8	19.6	29.4



#50
Dimethylphthalate
Concen: 2.056 ng
RT: 14.11 min Scan# 1876
Delta R.T. -0.02 min
Lab File: BG043274.D
Acq: 17 Oct 2019 22:51

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.8	4.4	6.6
164	8.6	8.6	12.8

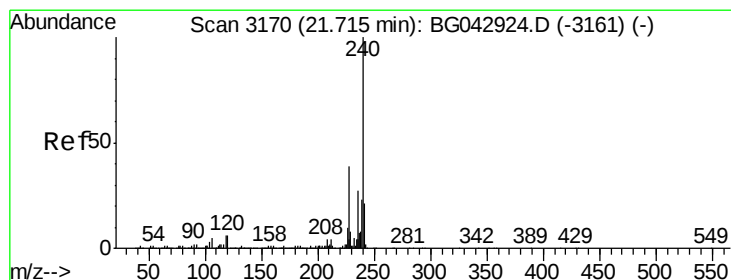
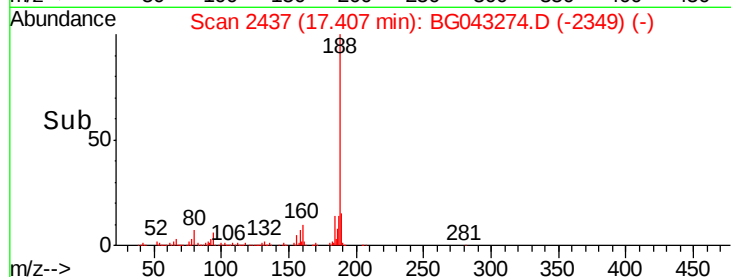
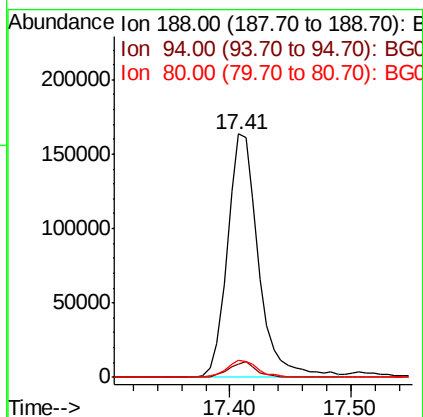
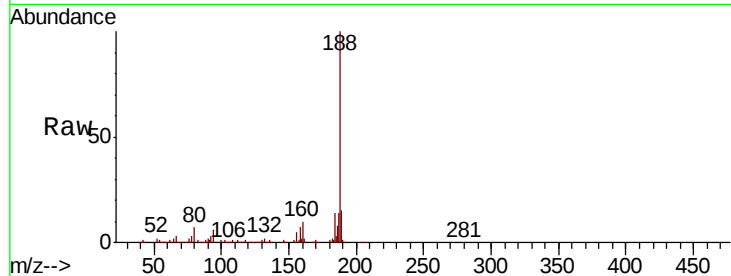




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2437
Delta R.T. -0.01 min
Lab File: BG043274.D
Acq: 17 Oct 2019 22:51

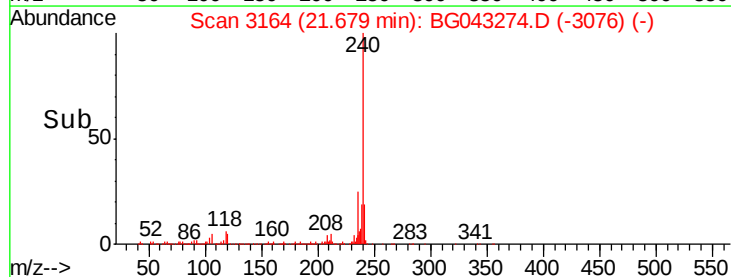
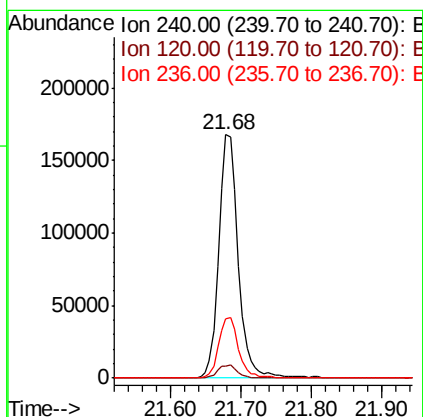
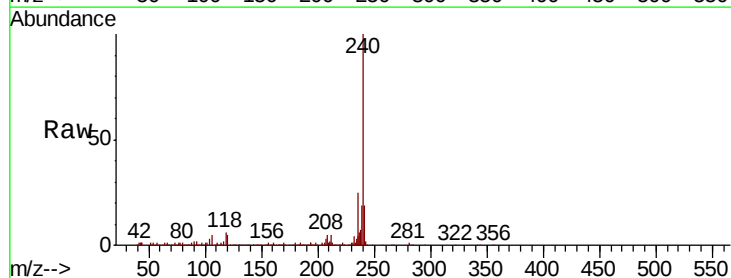
Instrument :
BNA_G
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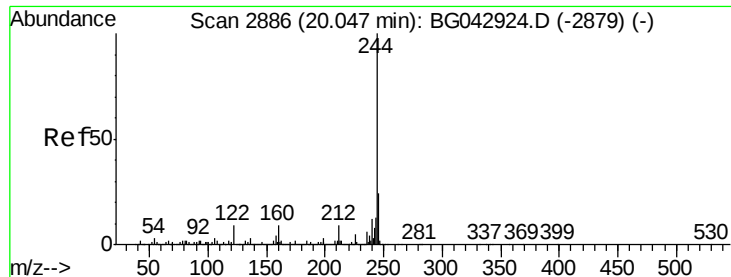
Tot Ion:188 Resp: 291815
Ion Ratio Lower Upper
188 100
94 5.6 5.7 8.5#
80 7.0 6.5 9.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3164
Delta R.T. -0.01 min
Lab File: BG043274.D
Acq: 17 Oct 2019 22:51

Tgt Ion:240 Resp: 321828
Ion Ratio Lower Upper
240 100
120 5.1 4.8 7.2
236 24.6 21.4 32.0





#79

Terphenyl-d14

Concen: 107.128 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.01 min

Lab File: BG043274.D

Acq: 17 Oct 2019 22:51

Instrument :

BNA_G

ClientSampleId :

20180657-AMENDED-COMP-D

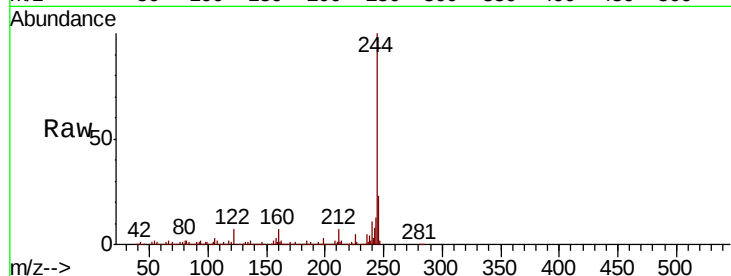
Tot Ion:244 Resp: 1617958

Ion Ratio Lower Upper

244 100

212 7.5 7.4 11.0

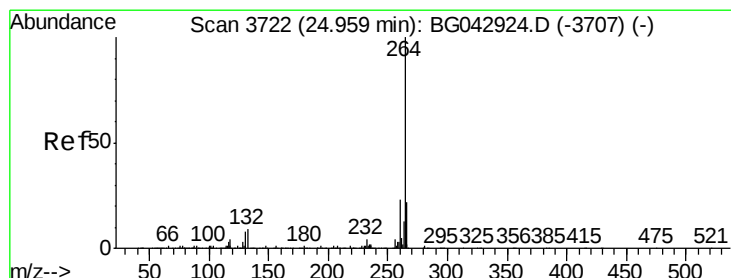
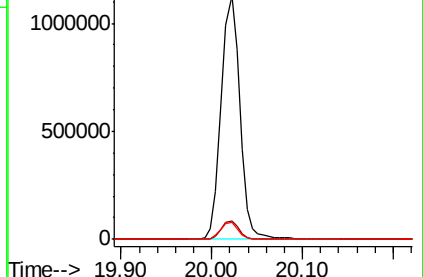
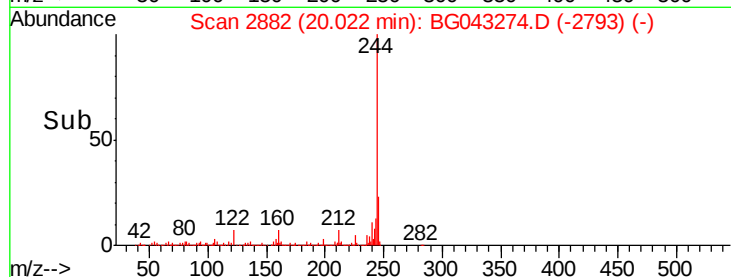
122 7.0 7.0 10.4



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 24.90 min Scan# 3712

Delta R.T. -0.01 min

Lab File: BG043274.D

Acq: 17 Oct 2019 22:51

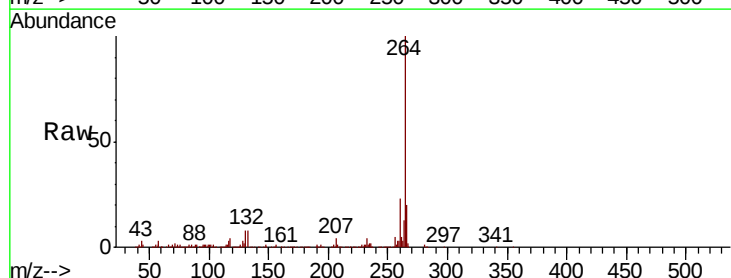
Tgt Ion:264 Resp: 373657

Ion Ratio Lower Upper

264 100

260 23.0 18.7 28.1

265 19.7 17.7 26.5



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

