

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122217\
 Data File : BF101661.D
 Acq On : 22 Dec 2017 18:48
 Operator : SJ/JU
 Sample : I7002-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EPE-106-3DS(16-20)

Quant Time: Dec 22 23:37:15 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 22 16:07:58 2017
 Response via : Initial Calibration

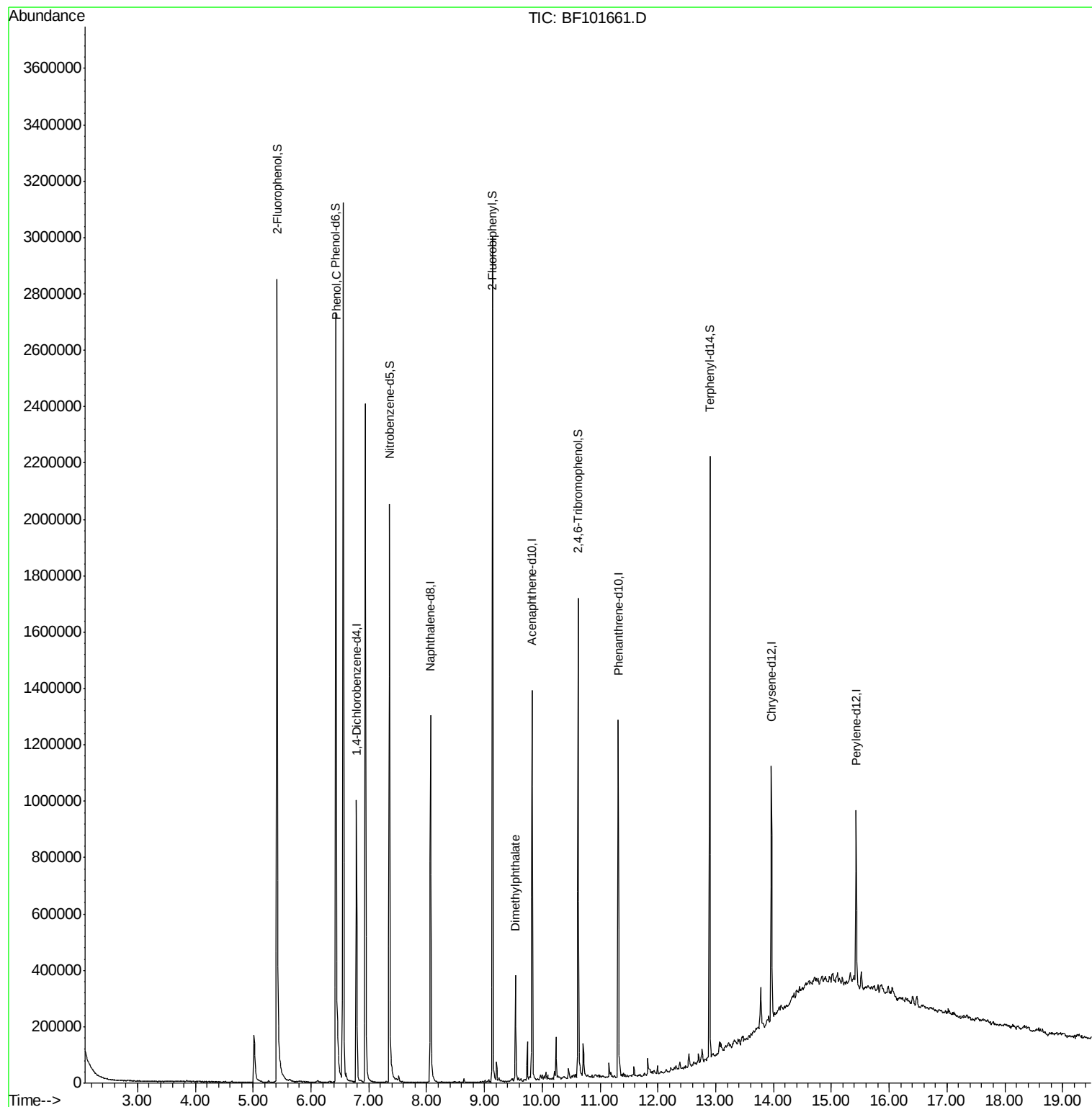
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	150638	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	603704	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	258370	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	444856	20.00	ng	0.00
75) Chrysene-d12	13.96	240	304445	20.00	ng	0.00
86) Perylene-d12	15.43	264	299507	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	975321	96.44	ng	0.00
7) Phenol-d6	6.43	99	1166288	92.67	ng	0.00
23) Nitrobenzene-d5	7.36	82	727373	67.07	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	229569	92.21	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	1019170	61.19	ng	0.00
78) Terphenyl-d14	12.90	244	740742	58.66	ng	0.00
Target Compounds						
10) Phenol	6.44	94	46609	3.249	ng	Qvalue # 69
49) Dimethylphthalate	9.54	163	144127	6.935	ng	99

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

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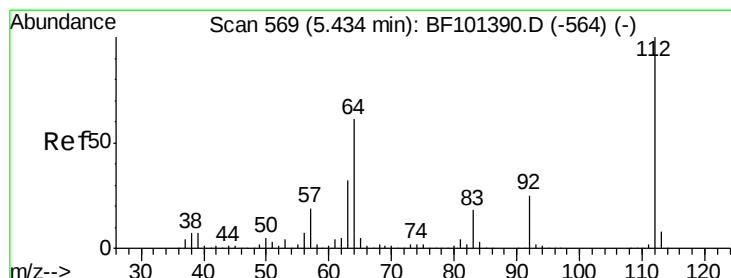
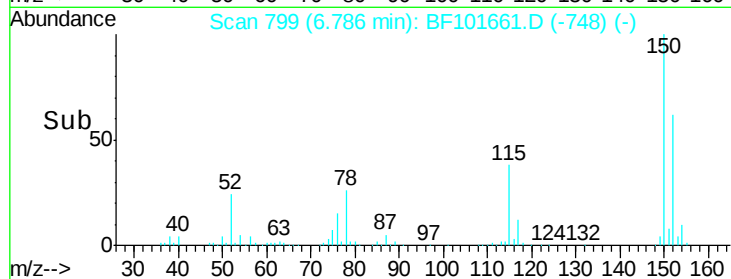
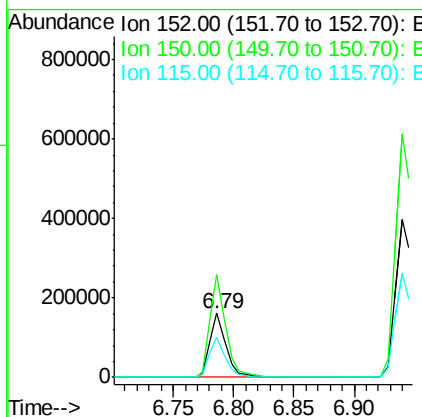
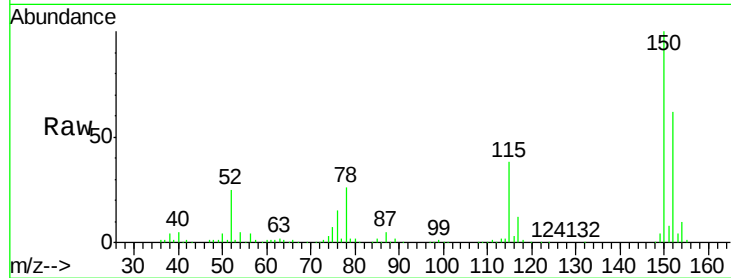


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. 0.00 min
Lab File: BF101661.D
Acq: 22 Dec 2017 18:48

Instrument :
BNA_F
ClientSampleId :
EPE-106-3DS(16-20)

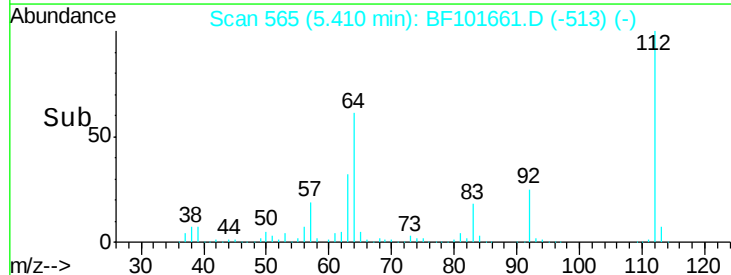
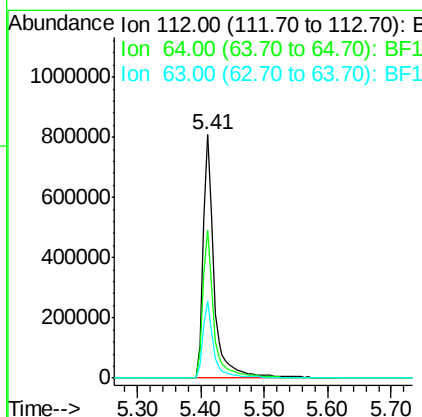
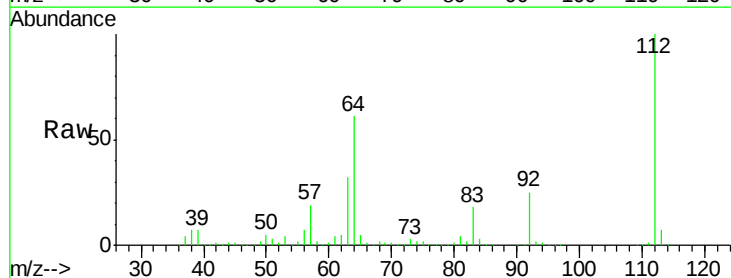
Tgt Ion:152 Resp: 150638
Ion Ratio Lower Upper
152 100
150 161.0 124.6 186.8
115 61.8 50.1 75.1

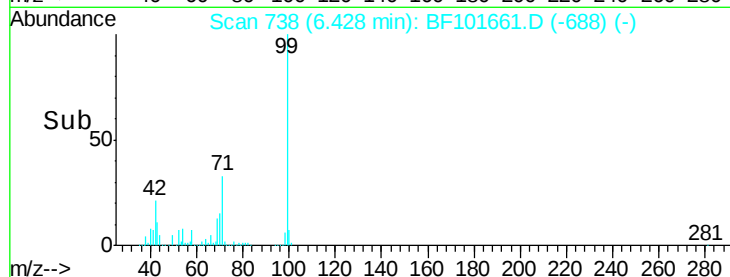
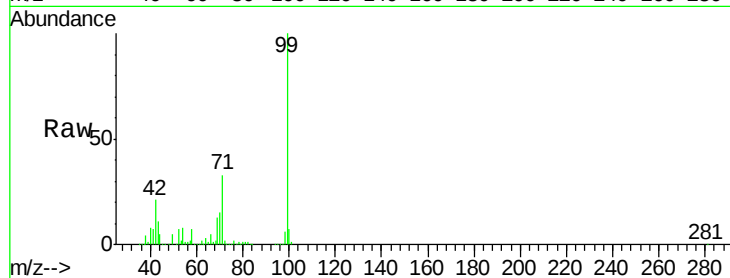
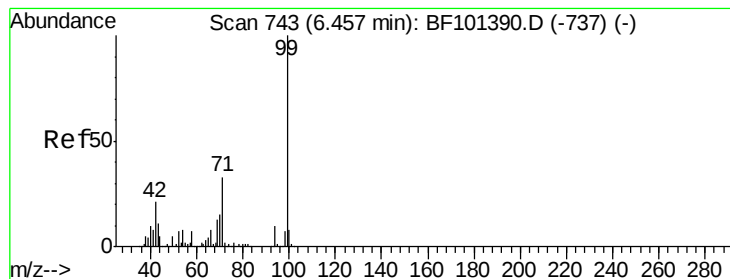


#5

2-Fluorophenol
Concen: 96.444 ng
RT: 5.41 min Scan# 565
Delta R.T. 0.01 min
Lab File: BF101661.D
Acq: 22 Dec 2017 18:48

Tgt Ion:112 Resp: 975321
Ion Ratio Lower Upper
112 100
64 60.7 47.9 71.9
63 31.8 23.7 35.5





#7

Phenol-d6

Concen: 92.667 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF101661.D

Acq: 22 Dec 2017 18:48

Instrument :

BNA_F

ClientSampleId :

EPE-106-3DS(16-20)

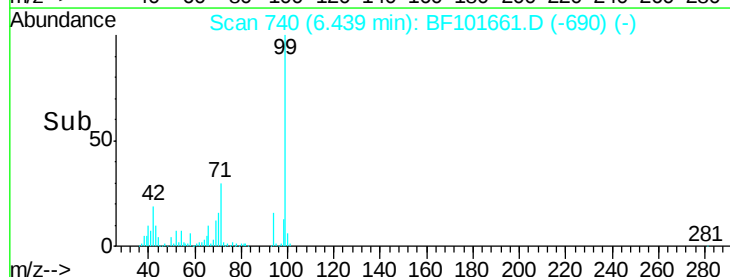
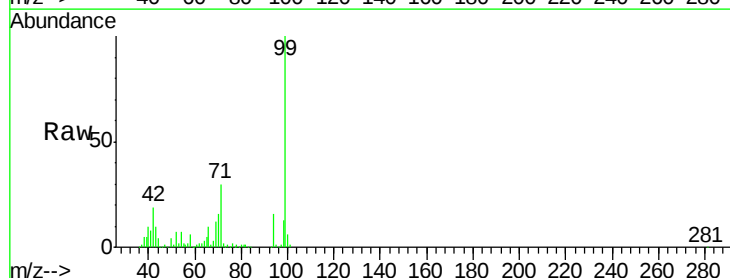
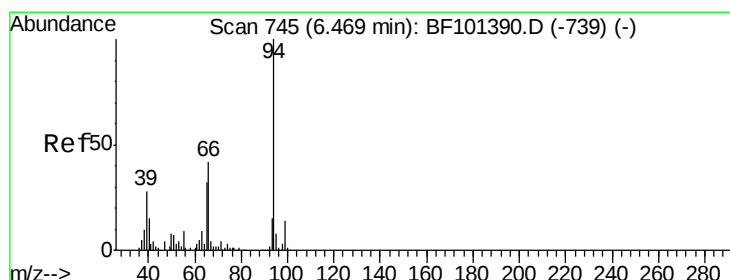
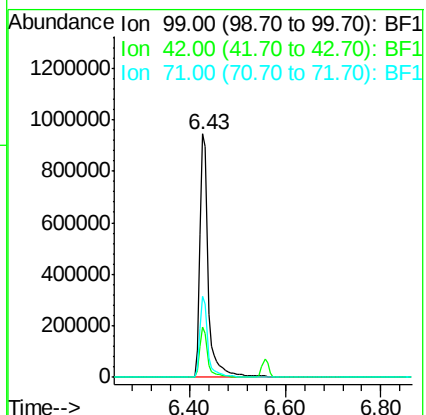
Tgt Ion: 99 Resp: 1166288

Ion Ratio Lower Upper

99 100

42 20.9 14.5 21.7

71 33.5 25.4 38.0



#10

Phenol

Concen: 3.249 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF101661.D

Acq: 22 Dec 2017 18:48

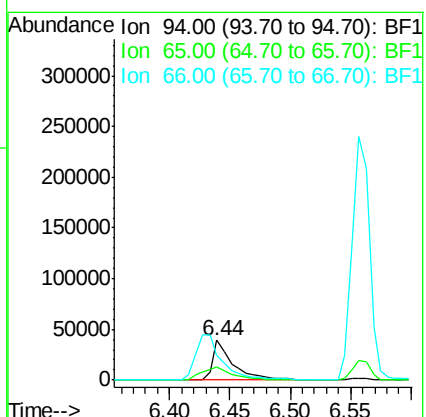
Tgt Ion: 94 Resp: 46609

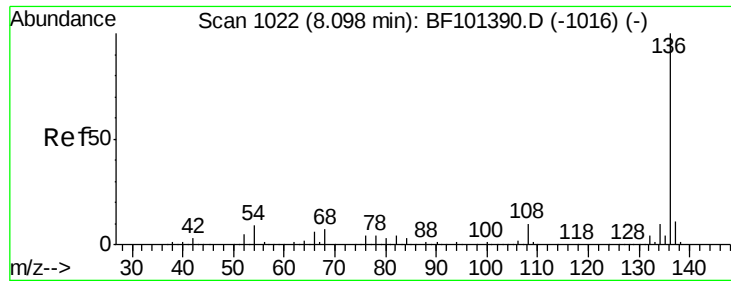
Ion Ratio Lower Upper

94 100

65 34.6 7.9 47.9

66 62.5 16.2 56.2#

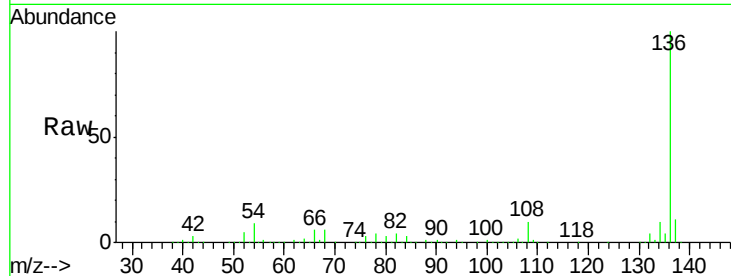




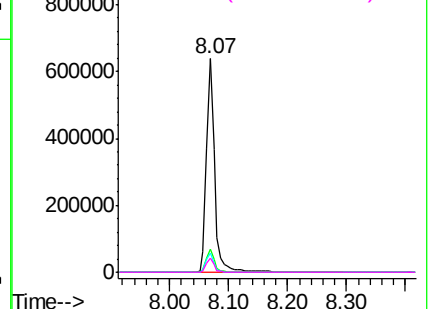
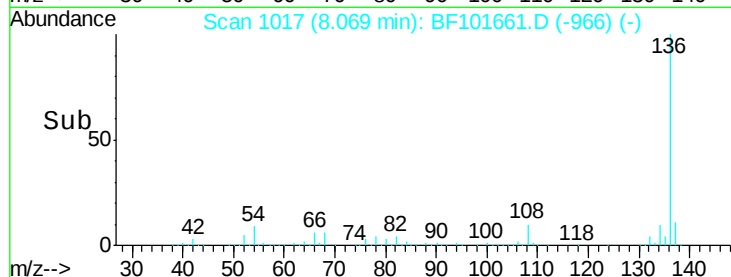
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BF101661.D
Acq: 22 Dec 2017 18:48

Instrument :
BNA_F
ClientSampleId :
EPE-106-3DS(16-20)

Tgt Ion:	136	Resp:	603704
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	9.1	6.6	9.8
68	6.4	5.0	7.4

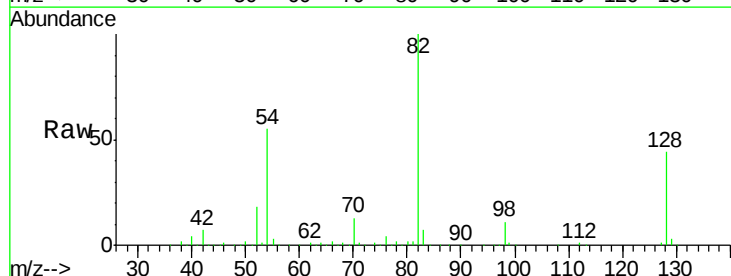


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

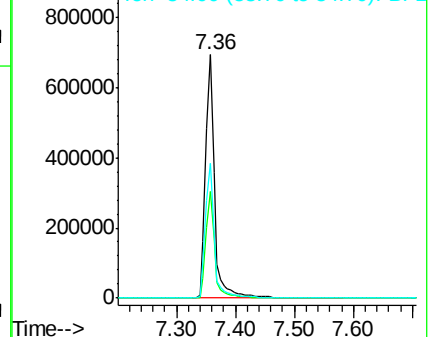
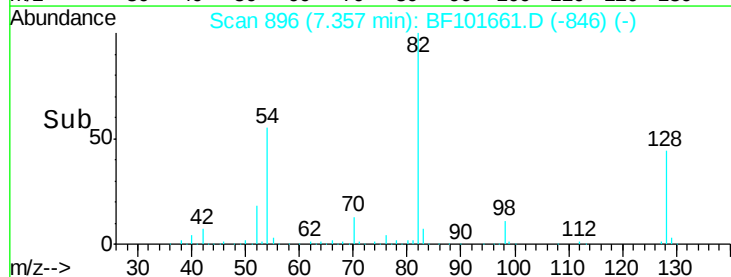


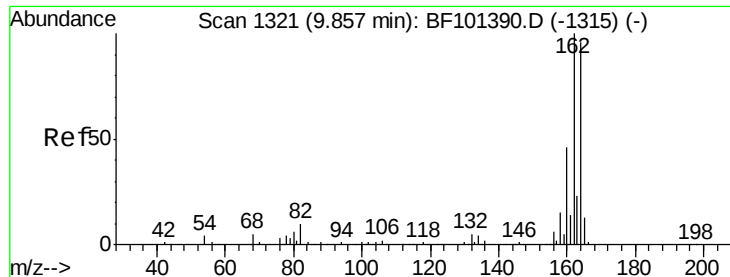
#23
Nitrobenzene-d5
Concen: 67.069 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF101661.D
Acq: 22 Dec 2017 18:48

Tgt Ion:	82	Resp:	727373
Ion	Ratio	Lower	Upper
82	100		
128	43.9	36.1	54.1
54	55.4	41.4	62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.82 min Scan# 1315

Delta R.T. -0.01 min

Lab File: BF101661.D

Acq: 22 Dec 2017 18:48

Instrument :

BNA_F

ClientSampleId :

EPE-106-3DS(16-20)

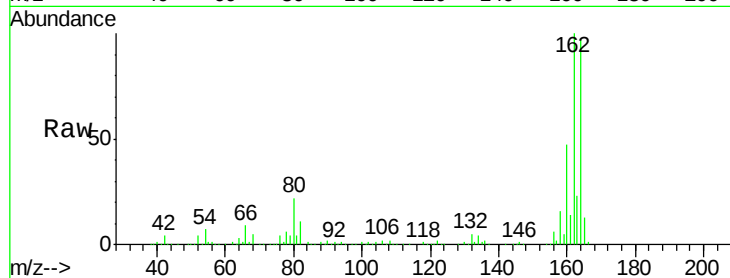
Tgt Ion:164 Resp: 258370

Ion Ratio Lower Upper

164 100

162 102.6 86.1 129.1

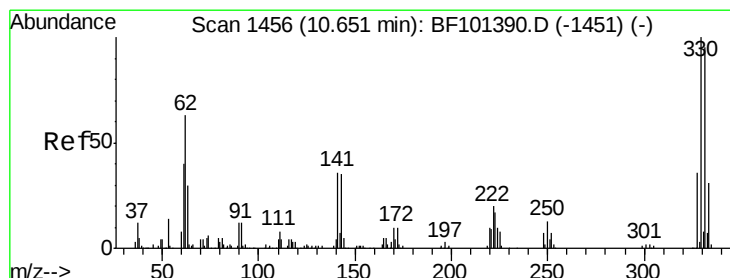
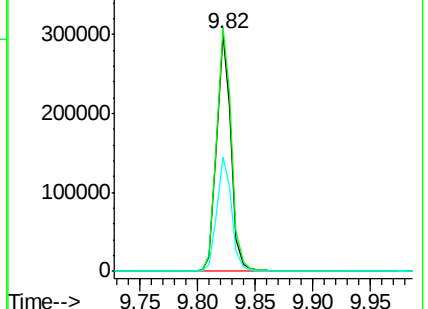
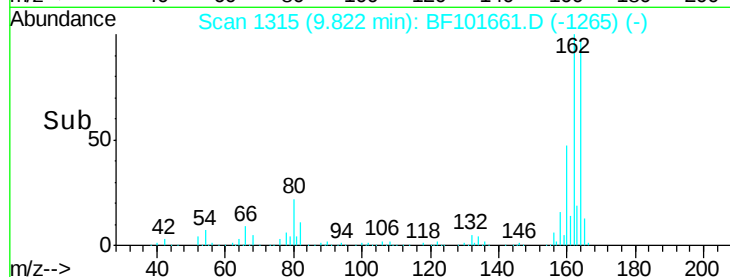
160 48.4 38.3 57.5



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



#41

2,4,6-Tribromophenol

Concen: 92.211 ng

RT: 10.62 min Scan# 1451

Delta R.T. 0.00 min

Lab File: BF101661.D

Acq: 22 Dec 2017 18:48

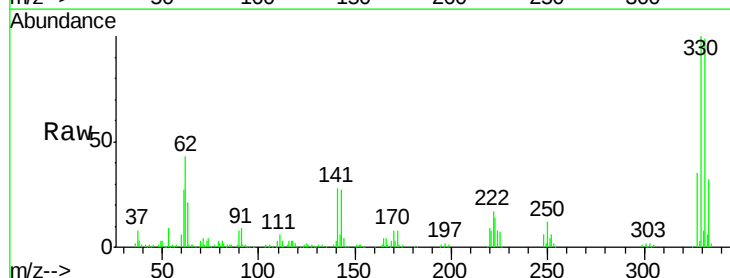
Tgt Ion:330 Resp: 229569

Ion Ratio Lower Upper

330 100

332 95.9 77.0 115.6

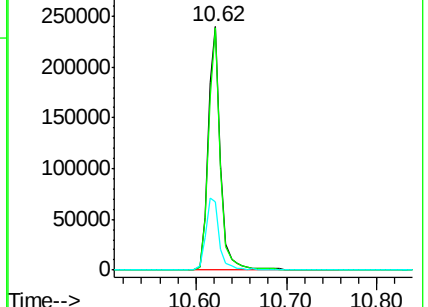
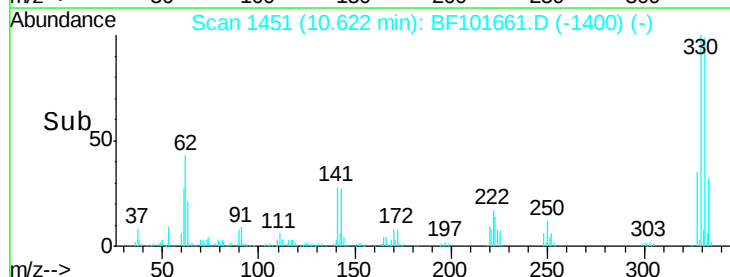
141 32.9 29.9 44.9

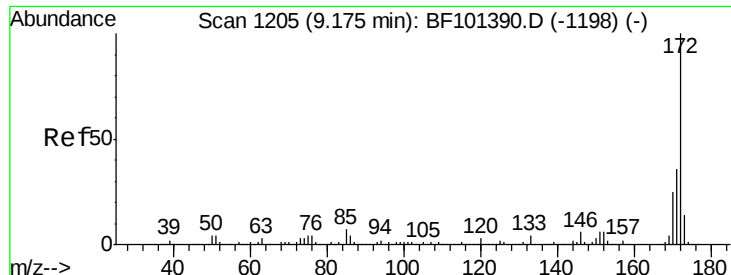


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

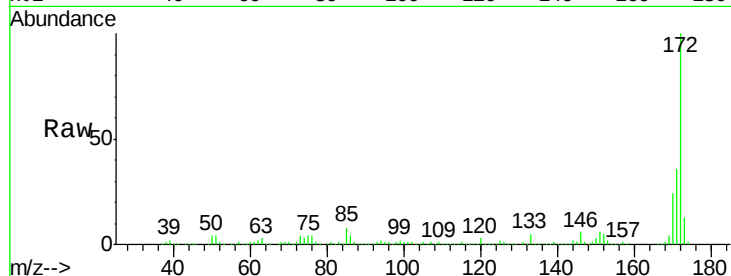




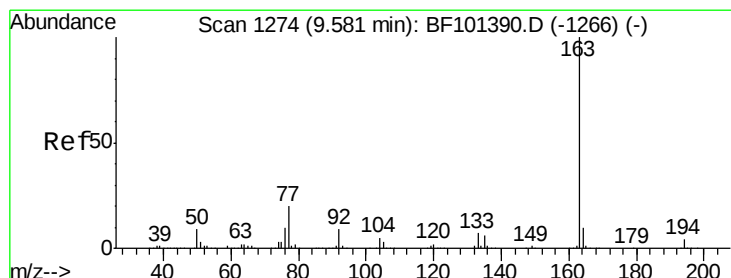
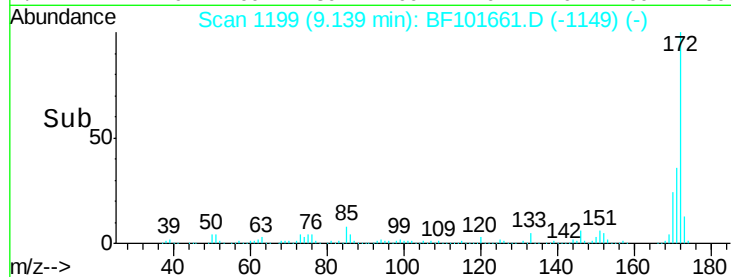
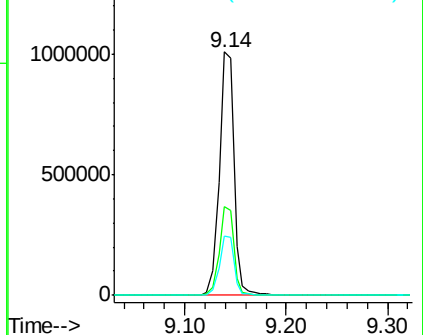
#44
 2-Fluorobiphenyl
 Concen: 61.190 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. -0.01 min
 Lab File: BF101661.D
 Acq: 22 Dec 2017 18:48

Instrument :
 BNA_F
 ClientSampleId :
 EPE-106-3DS(16-20)

Tgt Ion:172 Resp: 1019170
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.7 44.5
 170 24.2 19.6 29.4

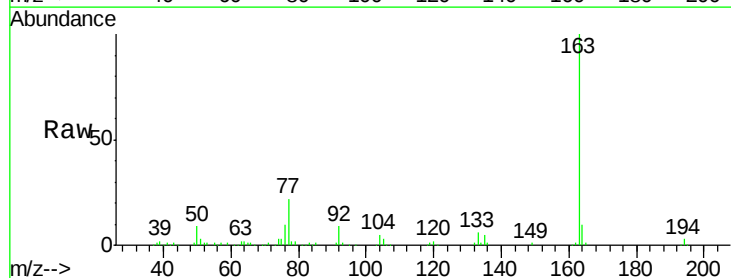


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

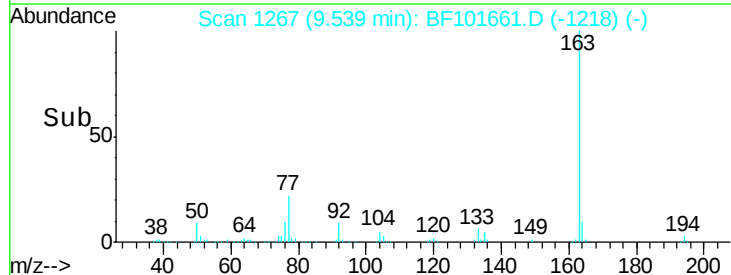
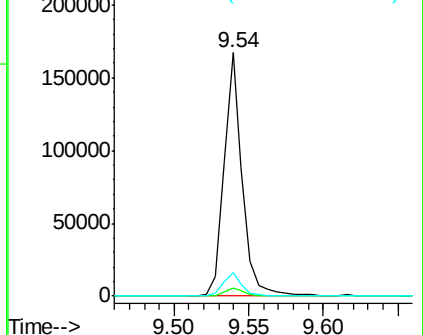


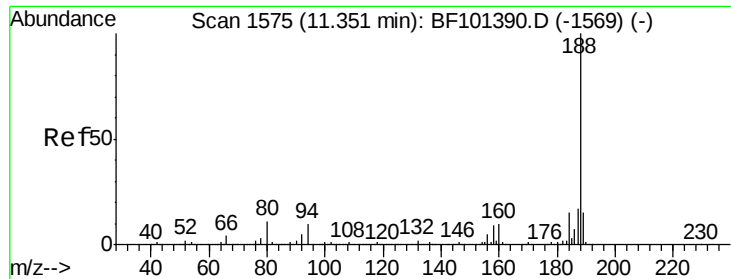
#49
 Dimethylphthalate
 Concen: 6.935 ng
 RT: 9.54 min Scan# 1267
 Delta R.T. -0.01 min
 Lab File: BF101661.D
 Acq: 22 Dec 2017 18:48

Tgt Ion:163 Resp: 144127
 Ion Ratio Lower Upper
 163 100
 194 3.5 2.7 4.1
 164 9.7 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

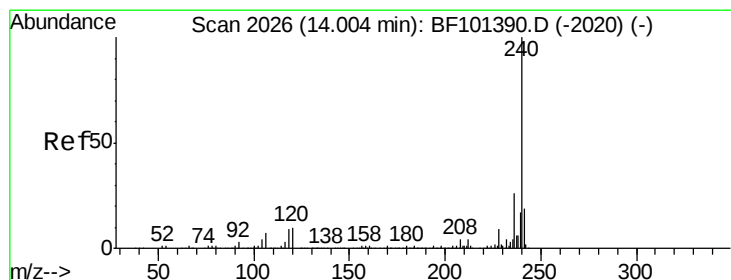
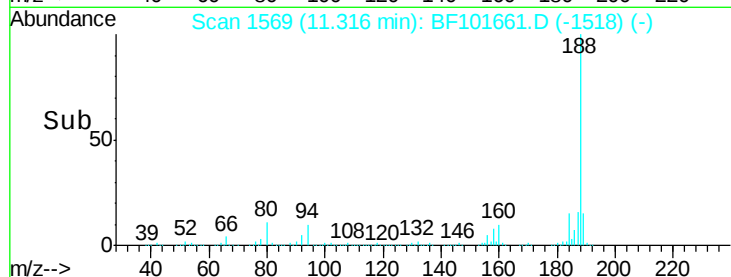
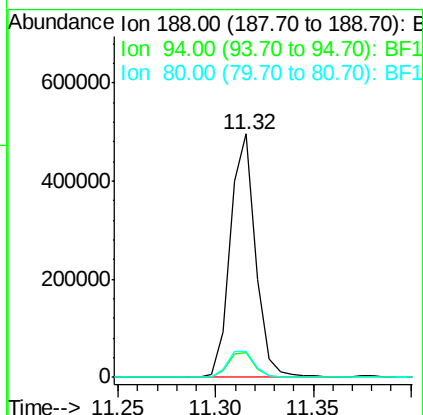
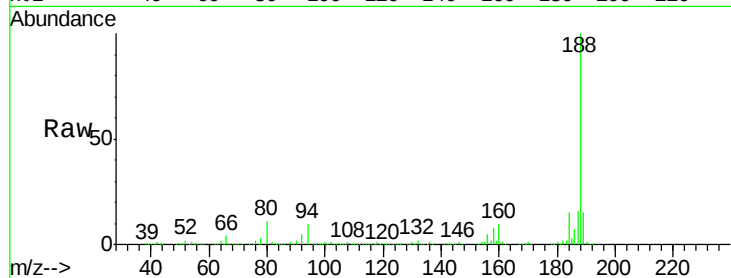




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. 0.00 min
Lab File: BF101661.D
Acq: 22 Dec 2017 18:48

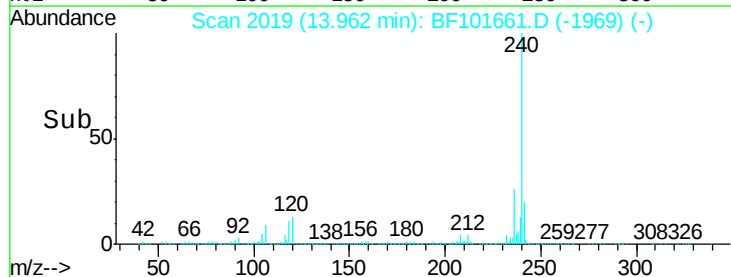
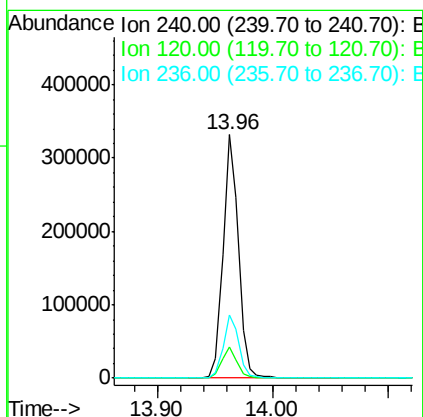
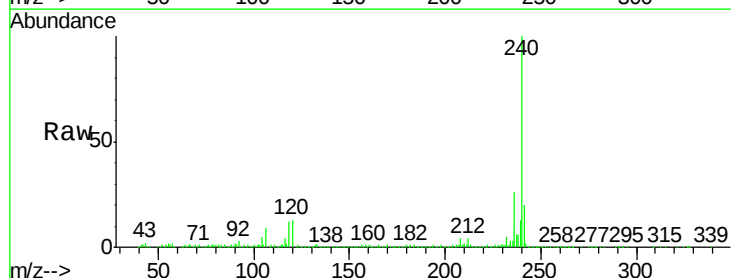
Instrument :
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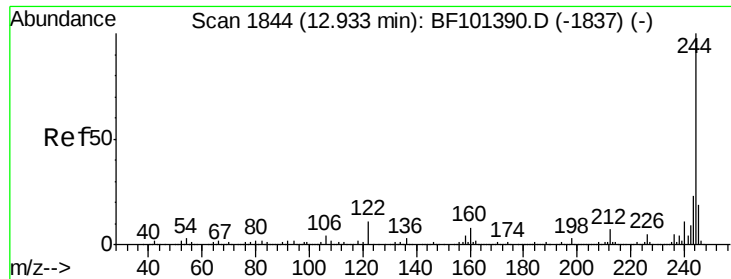
Tgt Ion:188 Resp: 444856
Ion Ratio Lower Upper
188 100
94 10.1 8.5 12.7
80 10.9 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BF101661.D
Acq: 22 Dec 2017 18:48

Tgt Ion:240 Resp: 304445
Ion Ratio Lower Upper
240 100
120 12.7 9.5 14.3
236 26.0 20.7 31.1





#78

Terphenyl-d14

Concen: 58.656 ng

RT: 12.90 min Scan# 1838

Delta R.T. -0.01 min

Lab File: BF101661.D

Acq: 22 Dec 2017 18:48

Instrument :

BNA_F

ClientSampleId :

EPE-106-3DS(16-20)

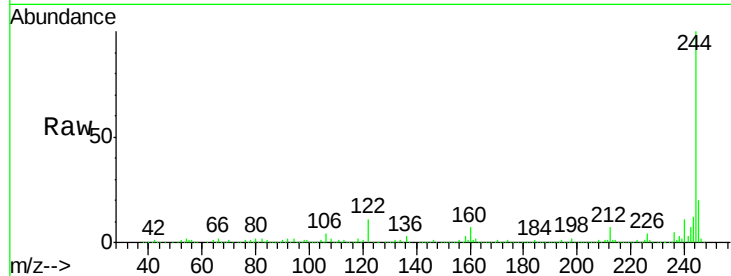
Tgt Ion:244 Resp: 740742

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

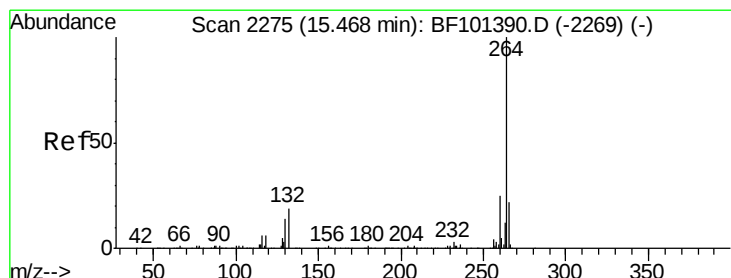
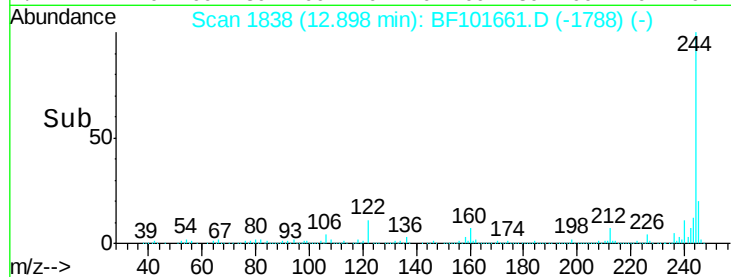
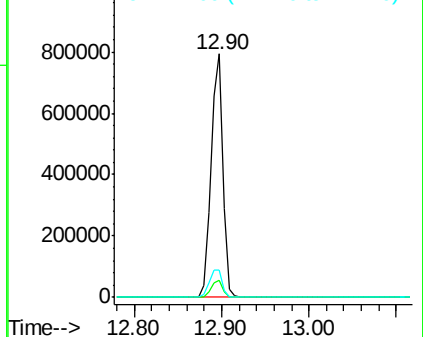
122 11.4 11.0 16.4



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: 20.000 ng

RT: 15.43 min Scan# 2268

Delta R.T. 0.00 min

Lab File: BF101661.D

Acq: 22 Dec 2017 18:48

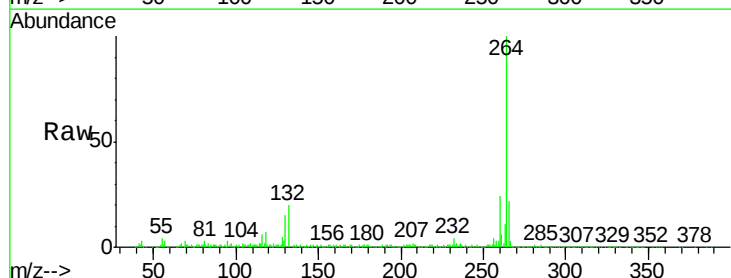
Tgt Ion:264 Resp: 299507

Ion Ratio Lower Upper

264 100

260 24.3 19.2 28.8

265 22.4 17.5 26.3



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

