

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM083019\
 Data File : BM022458.D
 Acq On : 31 Aug 2019 01:37
 Operator : HP/JU
 Sample : K4567-21RE
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Aug 31 05:33:15 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 29 16:51:32 2019
 Response via : Initial Calibration

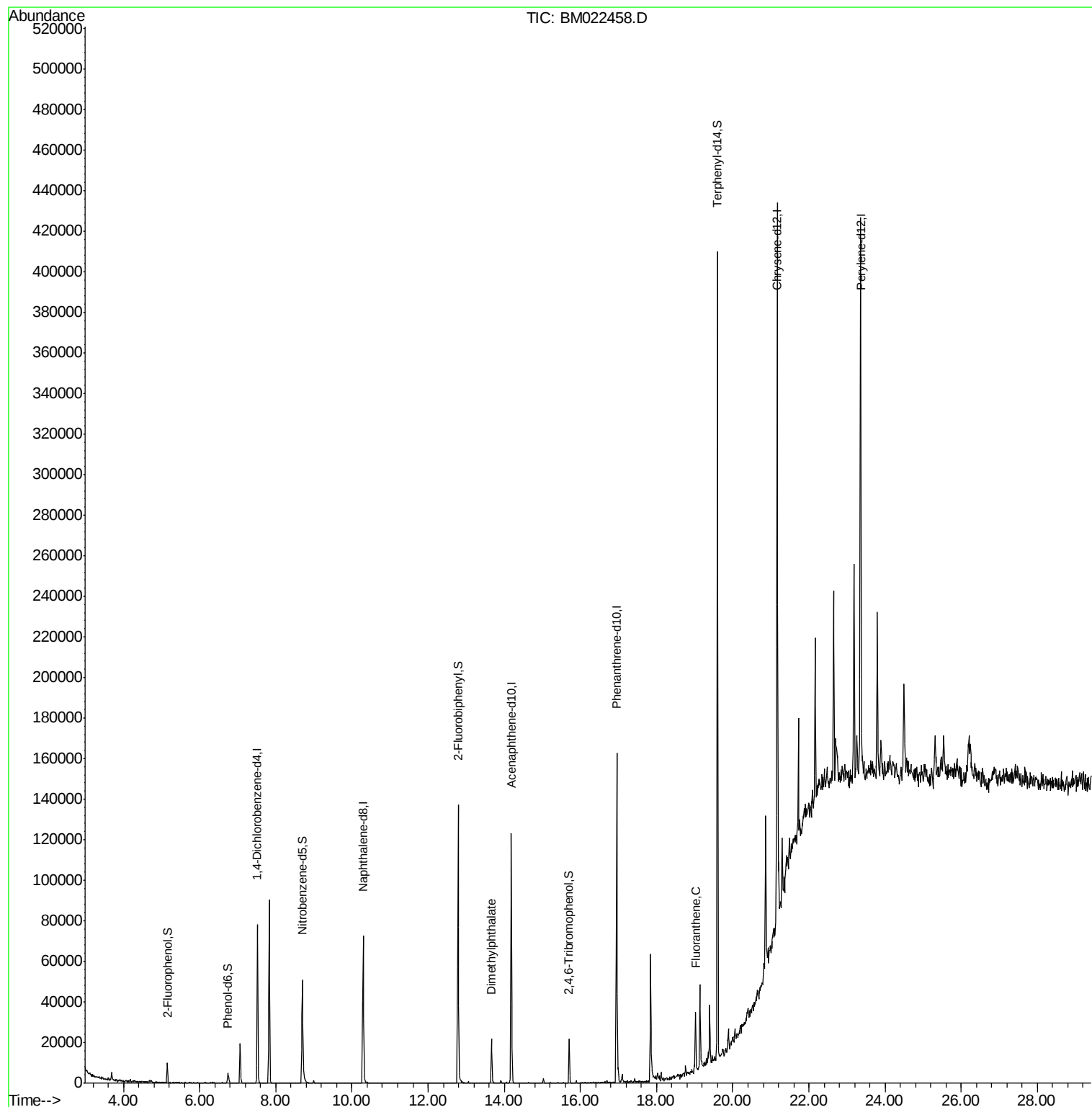
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	17716	20.00	ng	-0.01
21) Naphthalene-d8	10.29	136	64216	20.00	ng	0.00
39) Acenaphthene-d10	14.18	164	41230	20.00	ng	0.00
64) Phenanthrene-d10	16.95	188	95287	20.00	ng	0.00
76) Chrysene-d12	21.17	240	145701	20.00	ng	0.00
87) Perylene-d12	23.36	264	183604	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.15	112	4862	4.82	ng	0.00
7) Phenol-d6	6.74	99	3838	2.84	ng	0.02
23) Nitrobenzene-d5	8.70	82	34712	23.68	ng	0.00
42) 2,4,6-Tribromophenol	15.71	330	4974	5.90	ng	0.01
45) 2-Fluorobiphenyl	12.79	172	70855	19.47	ng	0.00
79) Terphenyl-d14	19.60	244	164627	14.91	ng	0.00
Target Compounds						
50) Dimethylphthalate	13.67	163	17485	4.876	ng	Qvalue # 98
75) Fluoranthene	19.03	202	17408	2.353	ng	99

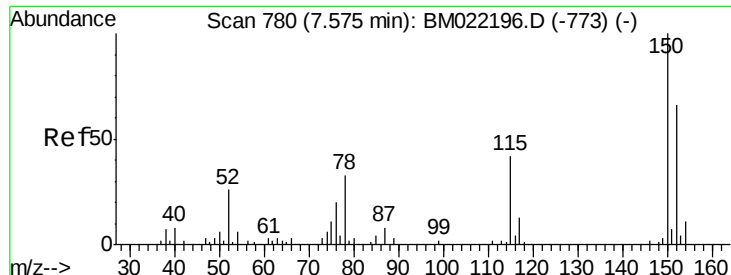
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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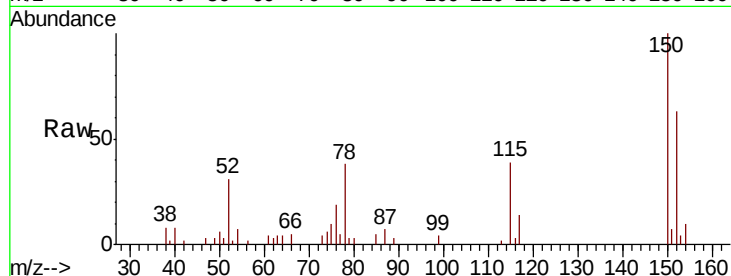


#1

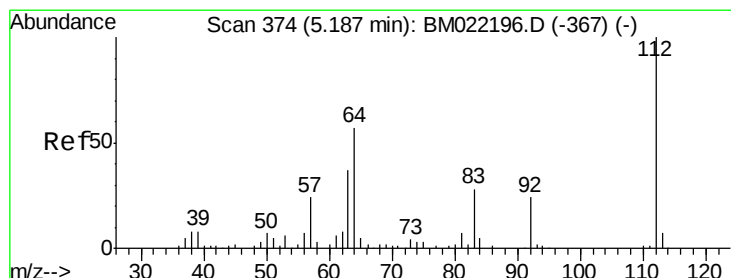
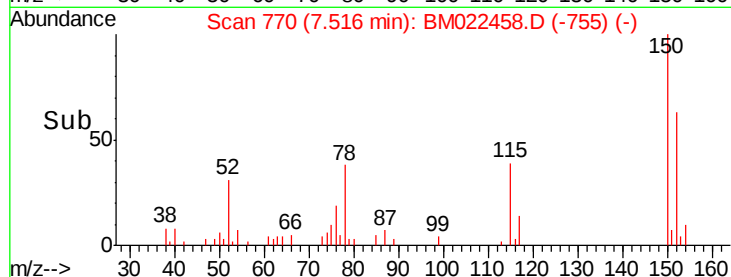
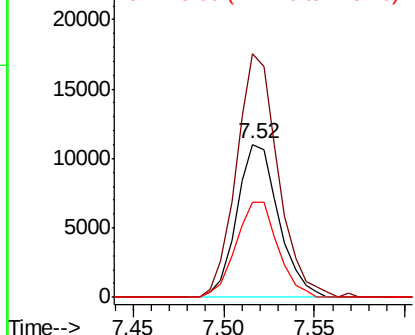
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.52 min Scan# 770
Delta R.T. -0.01 min
Lab File: BM022458.D
Acq: 31 Aug 2019 01:37

Instrument :
BNA_M
ClientSampleId :

Tot Ion:152 Resp: 17716
Ion Ratio Lower Upper
152 100
150 159.2 125.4 188.0
115 62.5 50.3 75.5



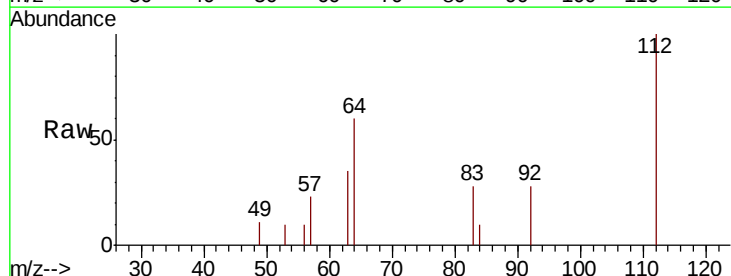
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



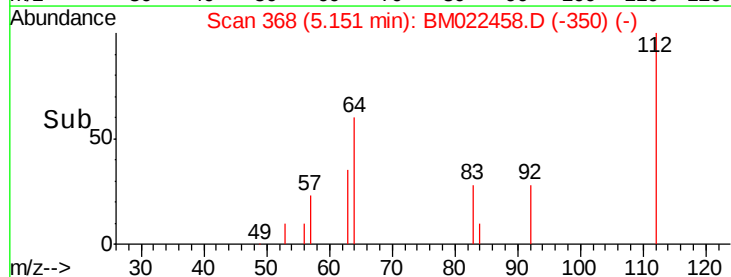
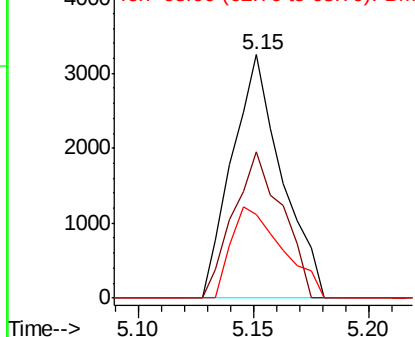
#5

2-Fluorophenol
Concen: 4.817 ng
RT: 5.15 min Scan# 368
Delta R.T. 0.01 min
Lab File: BM022458.D
Acq: 31 Aug 2019 01:37

Tgt Ion:112 Resp: 4862
Ion Ratio Lower Upper
112 100
64 60.3 45.4 68.2
63 34.6 34.5 51.7



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BM0
Ion 63.00 (62.70 to 63.70): BM0





#7

Phenol-d6

Concen: 2.844 ng

RT: 6.74 min Scan# 638

Delta R.T. 0.02 min

Lab File: BM022458.D

Acq: 31 Aug 2019 01:37

Instrument :

BNA_M

ClientSampled :

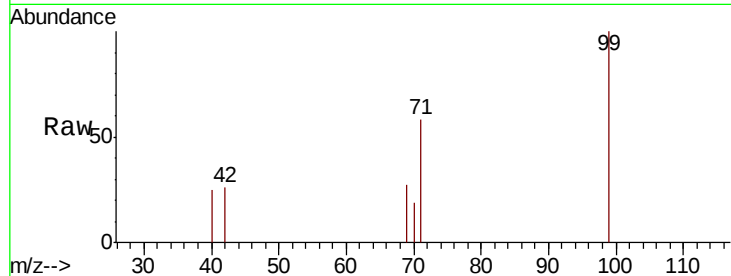
Tot Ion: 99 Resp: 3838

Ion Ratio Lower Upper

99 100

42 26.2 26.3 39.5#

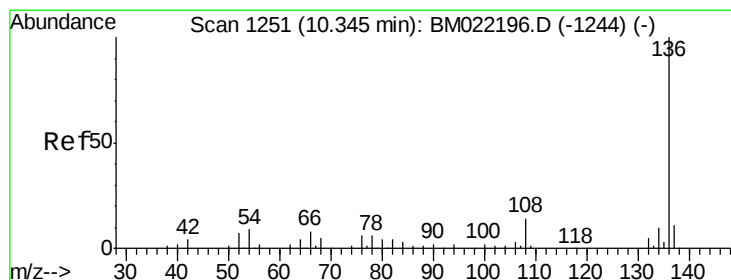
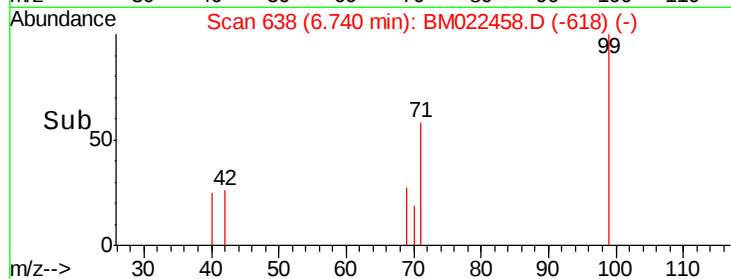
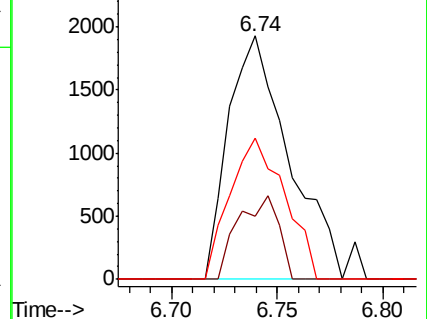
71 57.8 46.6 69.8



Abundance Ion 99.00 (98.70 to 99.70): BM022196.D (-635) (-)

Ion 42.00 (41.70 to 42.70): BM022196.D (-635) (-)

Ion 71.00 (70.70 to 71.70): BM022196.D (-635) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.29 min Scan# 1242

Delta R.T. -0.01 min

Lab File: BM022458.D

Acq: 31 Aug 2019 01:37

Tgt Ion: 136 Resp: 64216

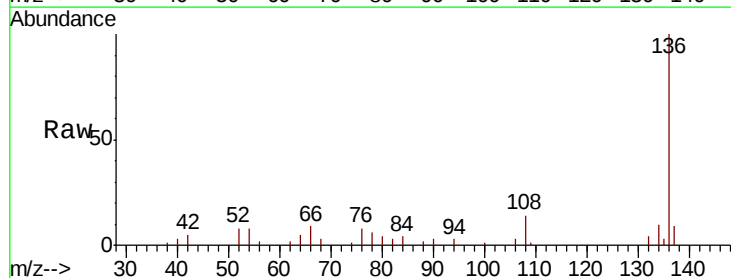
Ion Ratio Lower Upper

136 100

137 9.2 8.6 13.0

54 7.6 7.0 10.6

68 3.3 2.9 4.3

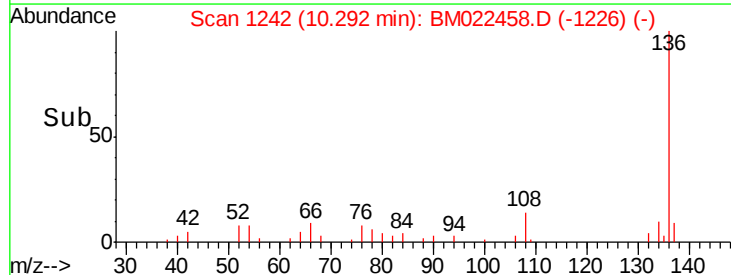
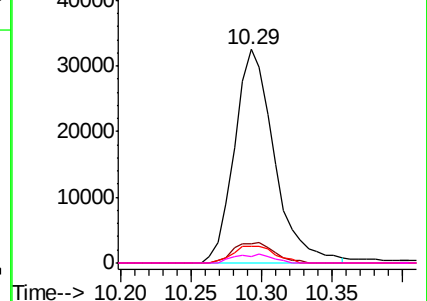


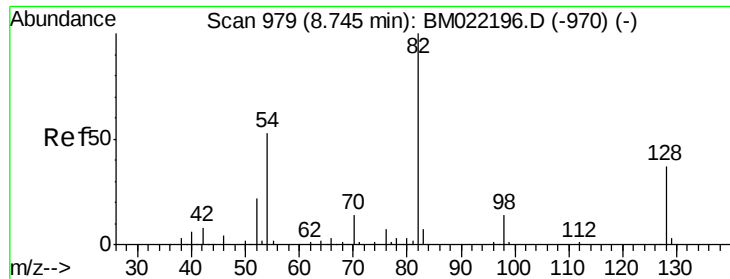
Abundance Ion 136.00 (135.70 to 136.70): BM022196.D (-1244) (-)

Ion 137.00 (136.70 to 137.70): BM022196.D (-1244) (-)

Ion 54.00 (53.70 to 54.70): BM022196.D (-1244) (-)

Ion 68.00 (67.70 to 68.70): BM022196.D (-1244) (-)

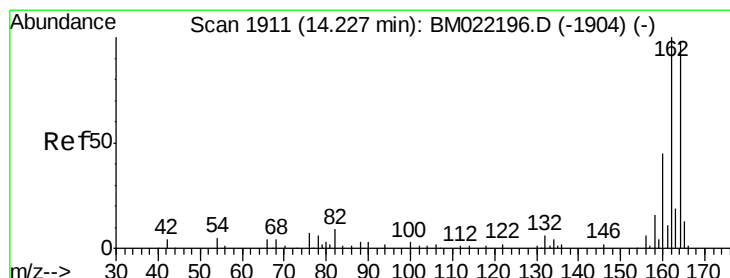
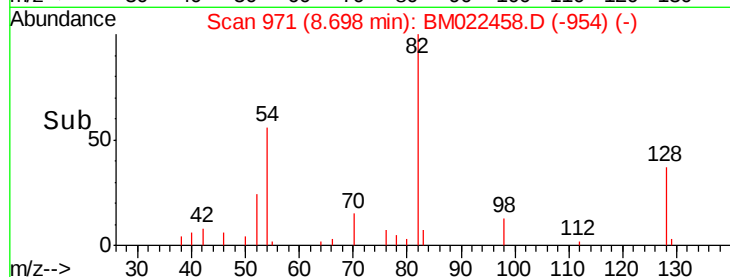
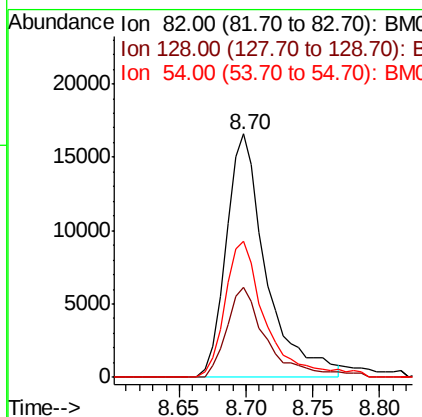
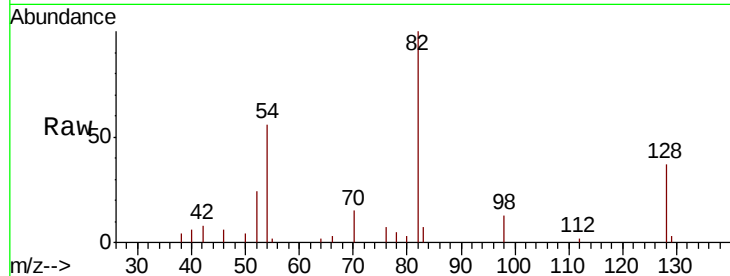




#23
 Nitrobenzene-d5
 Concen: 23.676 ng
 RT: 8.70 min Scan# 971
 Delta R.T. -0.00 min
 Lab File: BM022458.D
 Acq: 31 Aug 2019 01:37

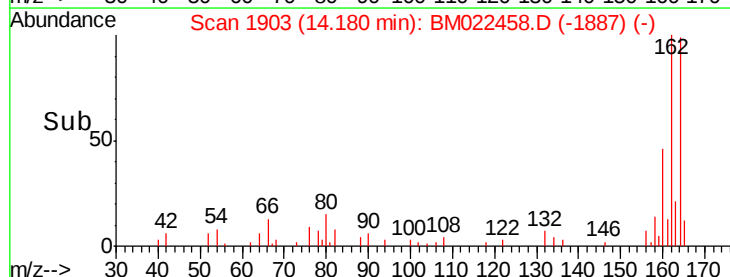
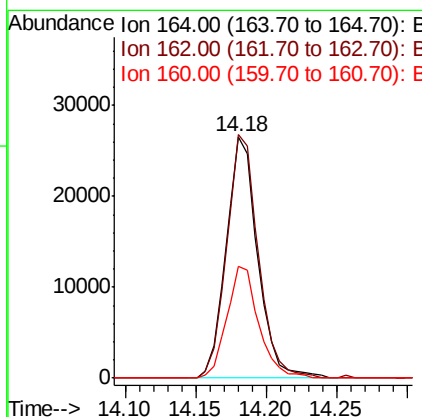
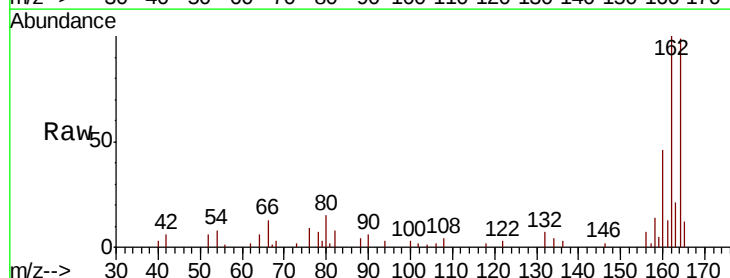
Instrument :
 BNA_M
 ClientSampled :

Tot Ion: 82 Resp: 34712
 Ion Ratio Lower Upper
 82 100
 128 37.2 27.9 41.9
 54 55.8 45.2 67.8



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.18 min Scan# 1903
 Delta R.T. -0.01 min
 Lab File: BM022458.D
 Acq: 31 Aug 2019 01:37

Tgt Ion: 164 Resp: 41230
 Ion Ratio Lower Upper
 164 100
 162 101.0 80.6 121.0
 160 46.3 37.3 55.9

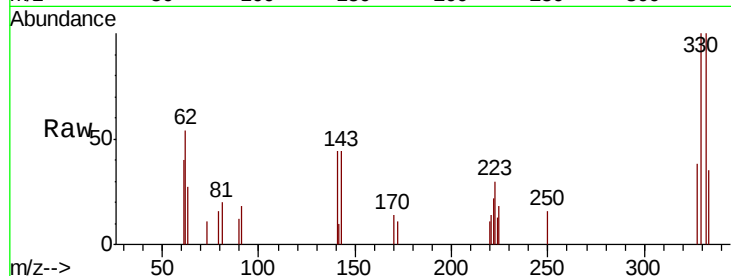




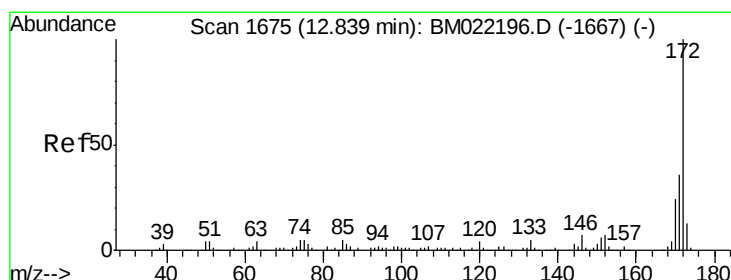
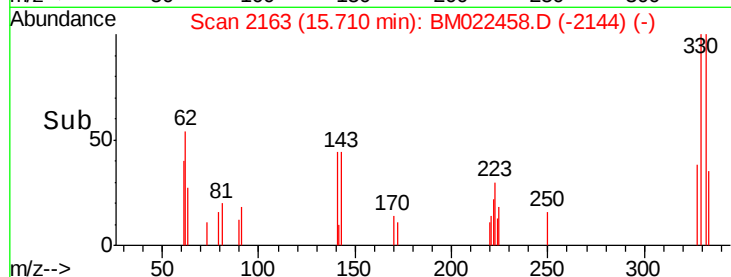
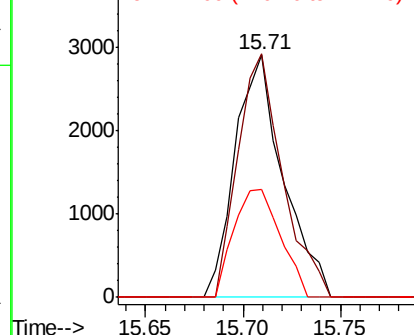
#42
 2,4,6-Tribromophenol
 Concen: 5.896 ng
 RT: 15.71 min Scan# 2163
 Delta R.T. 0.01 min
 Lab File: BM022458.D
 Acq: 31 Aug 2019 01:37

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:330 Resp: 4974
 Ion Ratio Lower Upper
 330 100
 332 93.2 77.8 116.8
 141 43.2 35.6 53.4

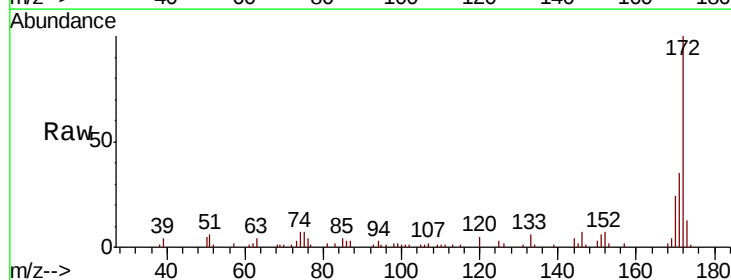


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

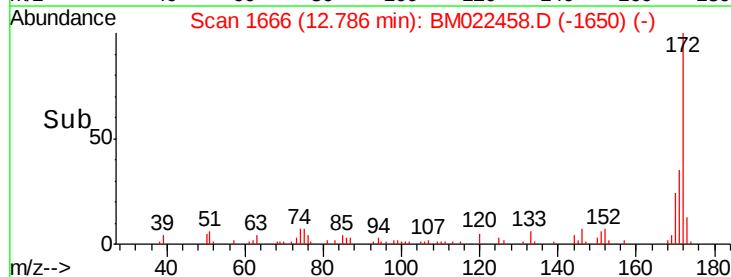
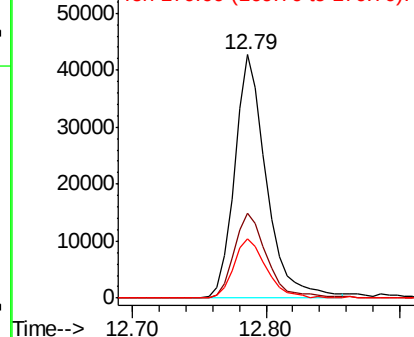


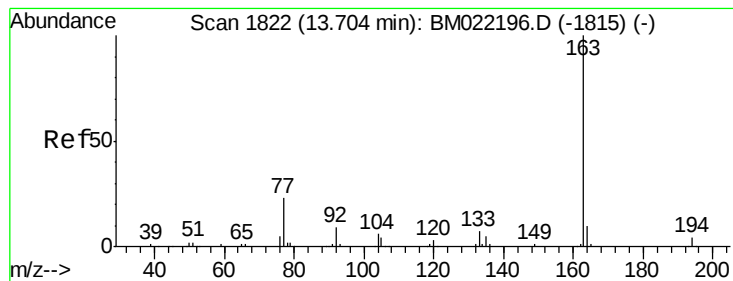
#45
 2-Fluorobiphenyl
 Concen: 19.468 ng
 RT: 12.79 min Scan# 1666
 Delta R.T. -0.01 min
 Lab File: BM022458.D
 Acq: 31 Aug 2019 01:37

Tgt Ion:172 Resp: 70855
 Ion Ratio Lower Upper
 172 100
 171 34.9 28.5 42.7
 170 24.2 18.9 28.3



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





#50

Dimethylphthalate

Concen: 4.876 ng

RT: 13.67 min Scan# 1816

Delta R.T. 0.01 min

Lab File: BM022458.D

Acq: 31 Aug 2019 01:37

Instrument :

BNA_M

ClientSampled :

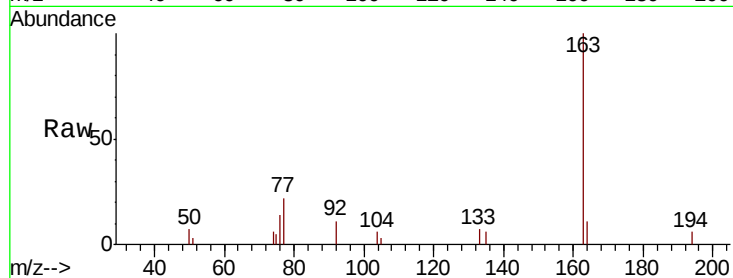
Tot Ion:163 Resp: 17485

Ion Ratio Lower Upper

163 100

194 5.6 3.4 5.2#

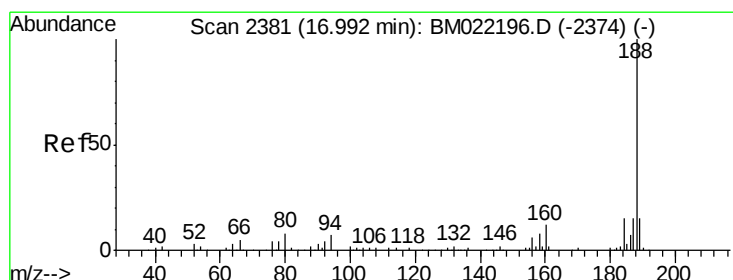
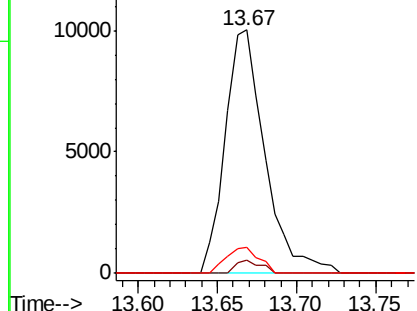
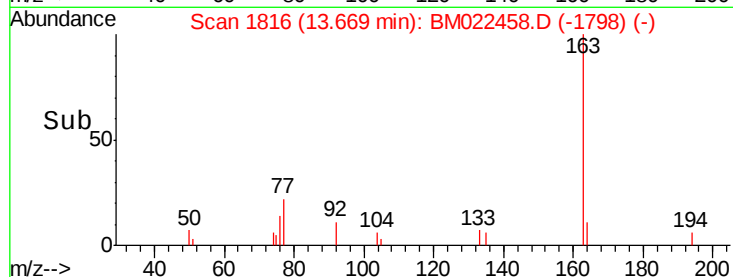
164 10.8 8.2 12.2



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



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.95 min Scan# 2374

Delta R.T. -0.00 min

Lab File: BM022458.D

Acq: 31 Aug 2019 01:37

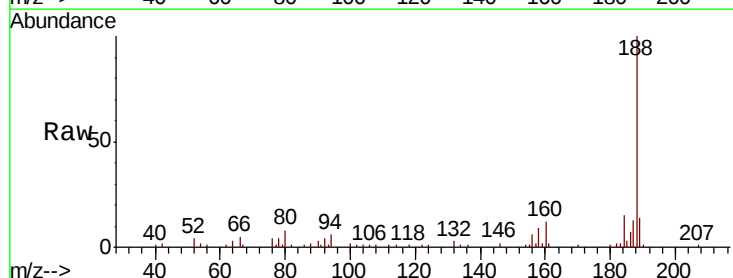
Tgt Ion:188 Resp: 95287

Ion Ratio Lower Upper

188 100

94 6.0 4.4 6.6

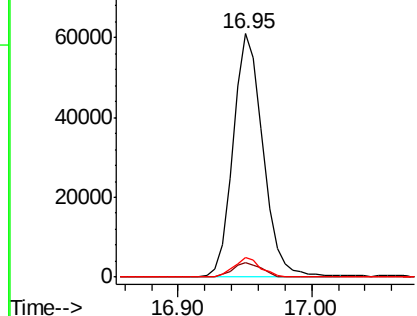
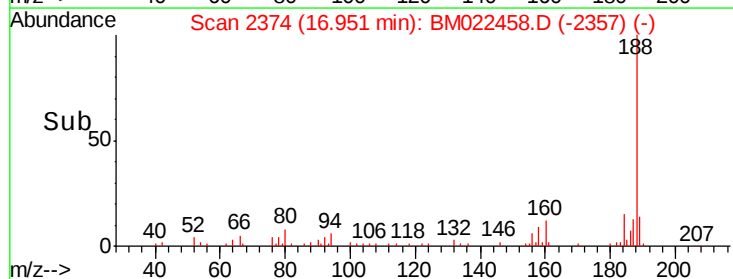
80 8.0 5.0 7.6#

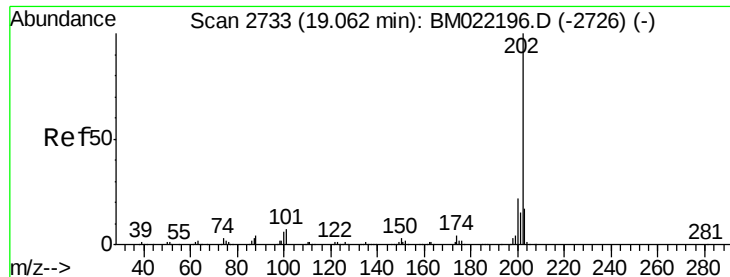


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0





#75

Fluoranthene

Concen: 2.353 ng

RT: 19.03 min Scan# 2727

Delta R.T. -0.00 min

Lab File: BM022458.D

Acq: 31 Aug 2019 01:37

Instrument :

BNA_M

ClientSampleId :

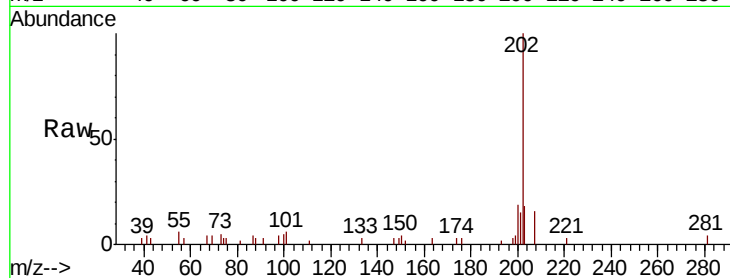
Tot Ion:202 Resp: 17408

Ion Ratio Lower Upper

202 100

101 5.6 0.0 25.1

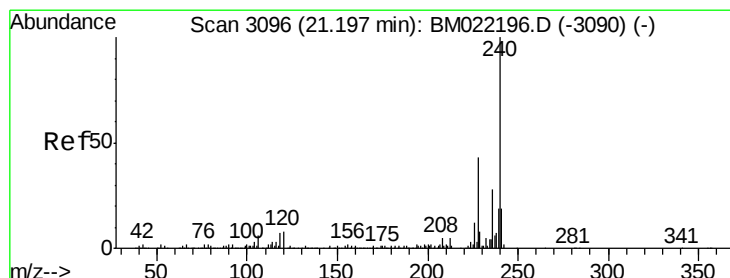
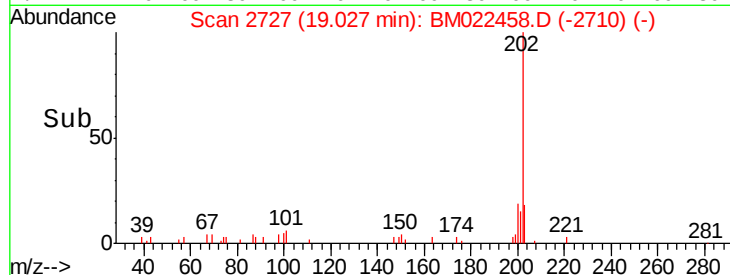
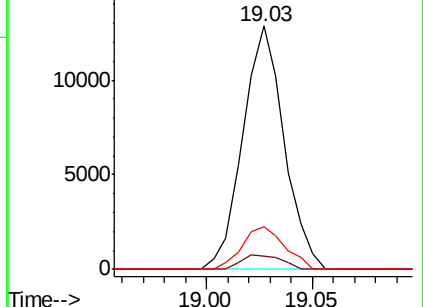
203 17.6 0.0 37.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.17 min Scan# 3091

Delta R.T. -0.01 min

Lab File: BM022458.D

Acq: 31 Aug 2019 01:37

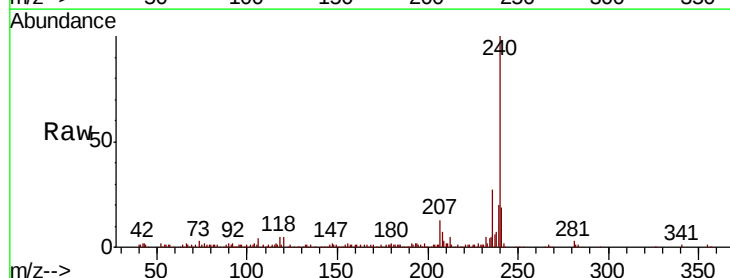
Tgt Ion:240 Resp: 145701

Ion Ratio Lower Upper

240 100

120 5.5 3.9 5.9

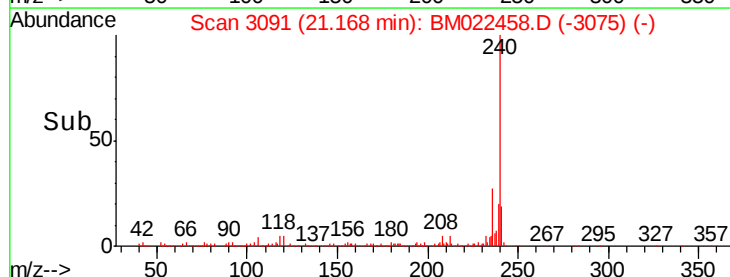
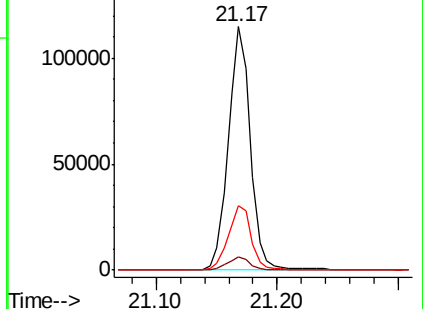
236 26.7 21.4 32.2

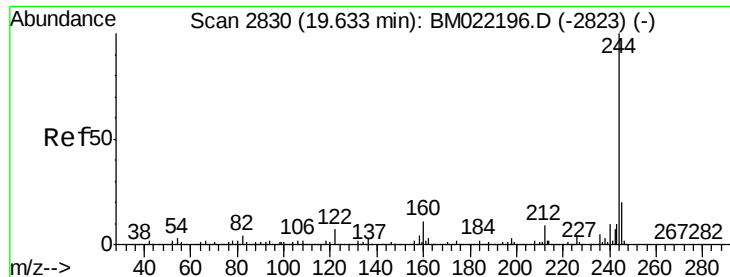


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 14.912 ng

RT: 19.60 min Scan# 2824

Delta R.T. -0.01 min

Lab File: BM022458.D

Acq: 31 Aug 2019 01:37

Instrument :

BNA_M

ClientSampleId :

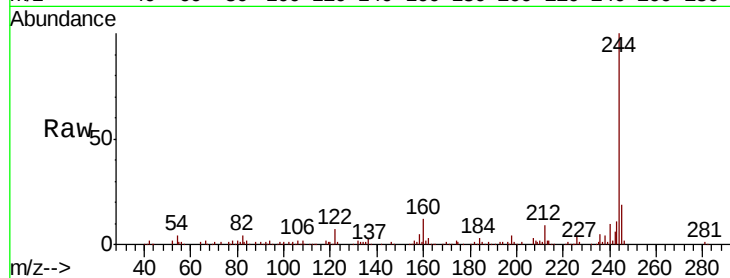
Tot Ion:244 Resp: 164627

Ion Ratio Lower Upper

244 100

212 8.9 7.0 10.4

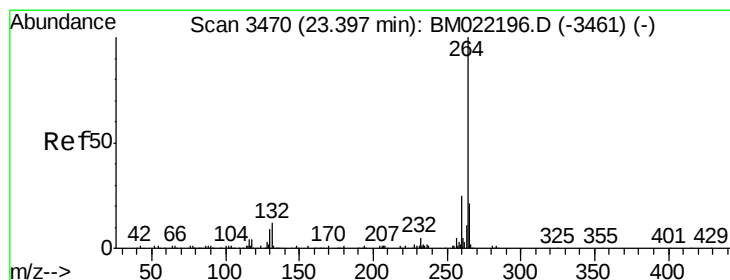
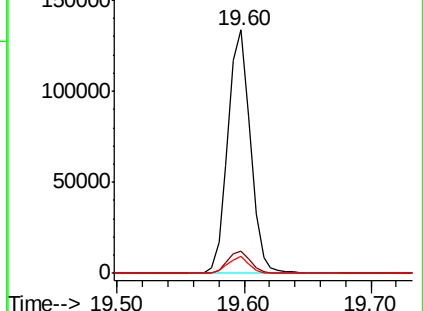
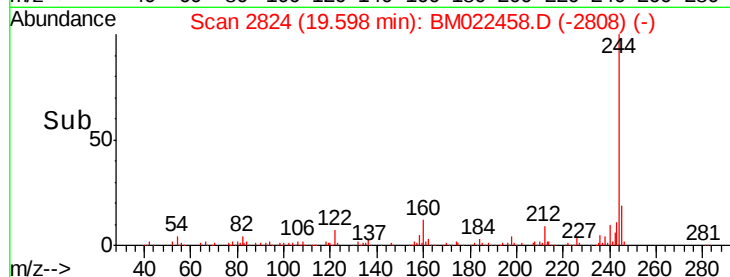
122 6.8 3.9 5.9#



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: 23.36 min Scan# 3463

Delta R.T. -0.01 min

Lab File: BM022458.D

Acq: 31 Aug 2019 01:37

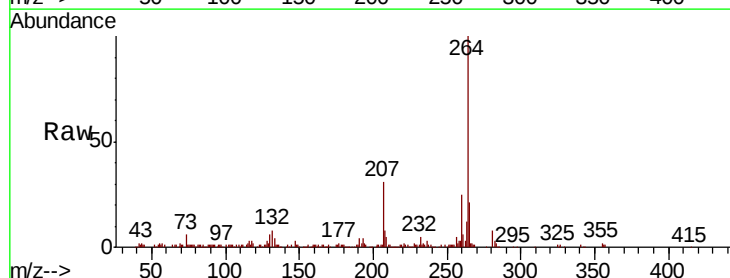
Tgt Ion:264 Resp: 183604

Ion Ratio Lower Upper

264 100

260 25.2 20.2 30.2

265 21.5 18.2 27.2



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

