

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051817\
 Data File : BF095236.D
 Acq On : 18 May 2017 22:36
 Operator : SJ/MA
 Sample : I3182-17
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 19 01:06:53 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 18 17:07:53 2017
 Response via : Initial Calibration

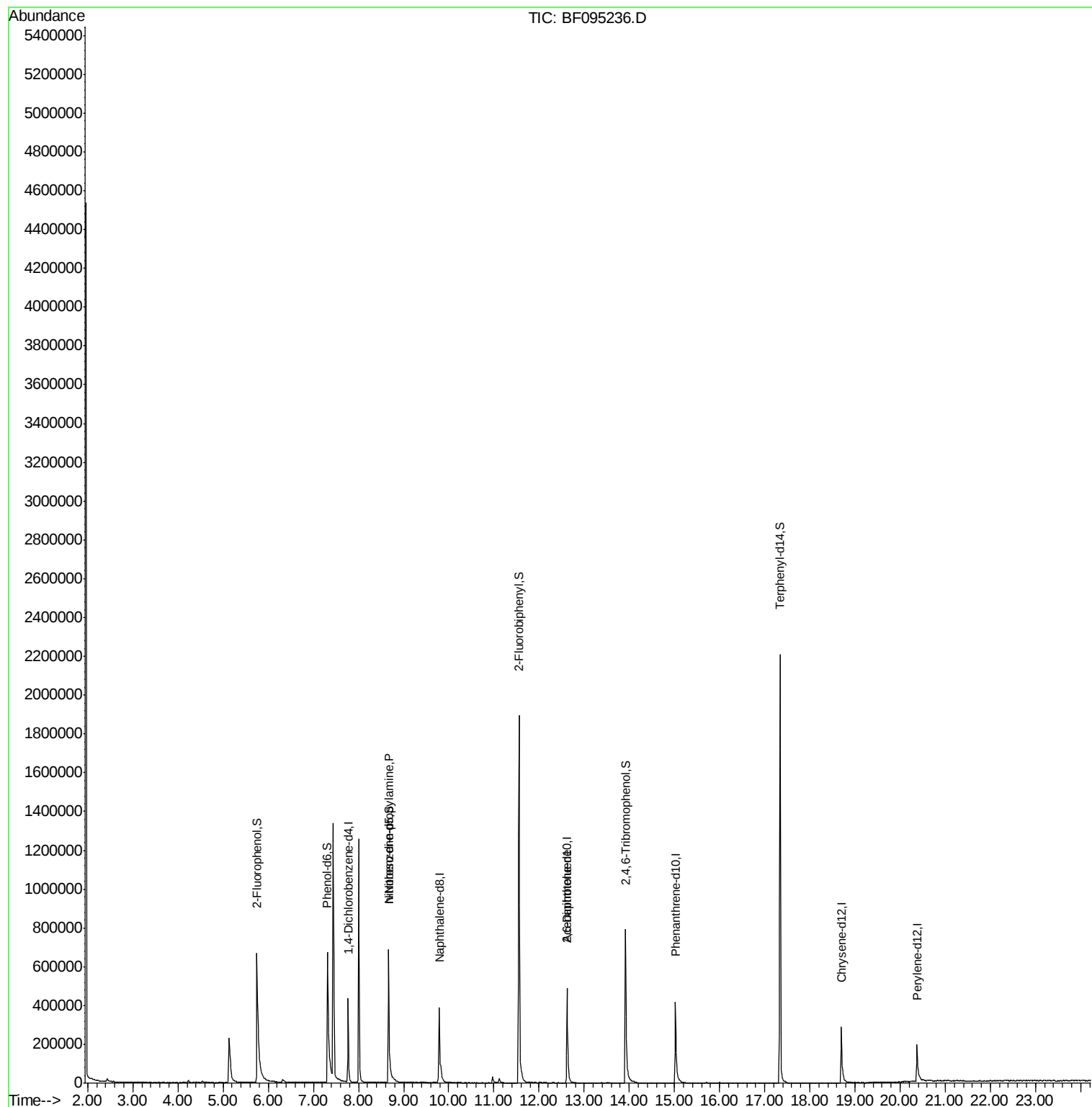
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	97181	20.00	ng	0.00
21) Naphthalene-d8	9.79	136	385070	20.00	ng	0.00
38) Acenaphthene-d10	12.62	164	196223	20.00	ng	0.00
63) Phenanthrene-d10	15.02	188	317143	20.00	ng	0.00
75) Chrysene-d12	18.69	240	215516	20.00	ng	0.00
86) Perylene-d12	20.38	264	144615	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.75	112	586299	100.58	ng	0.02
7) Phenol-d6	7.31	99	631268	90.26	ng	0.00
23) Nitrobenzene-d5	8.67	82	442487	72.46	ng	0.00
41) 2,4,6-Tribromophenol	13.92	330	186569	116.10	ng	0.00
44) 2-Fluorobiphenyl	11.55	172	1016452	74.56	ng	0.00
78) Terphenyl-d14	17.34	244	940448	96.11	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	8.67	70	51505	10.89	ng	# 75
50) 2,6-Dinitrotoluene	12.62	165	20106	6.12	ng	# 31

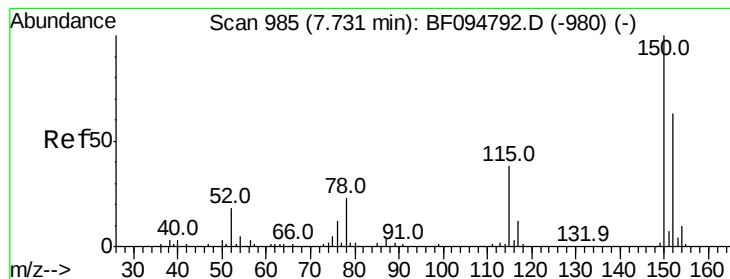
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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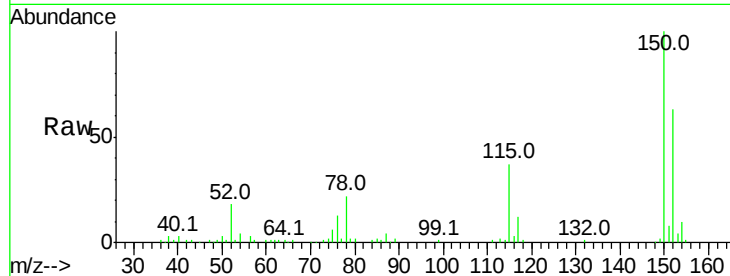


#1

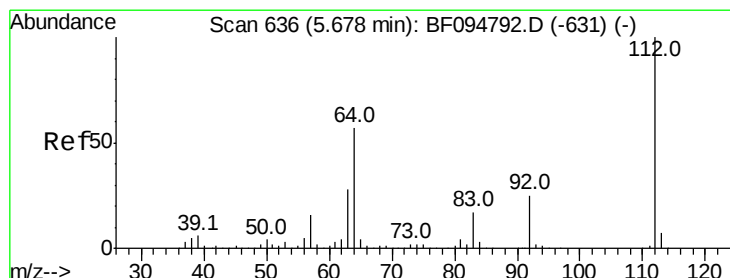
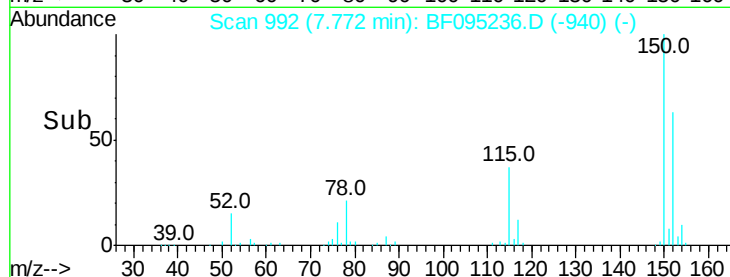
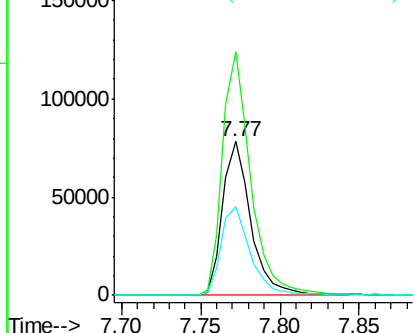
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.77 min Scan# 992
Delta R.T. 0.01 min
Lab File: BF095236.D
Acq: 18 May 2017 22:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 97181
Ion Ratio Lower Upper
152 100
150 158.5 126.2 189.2
115 58.0 52.2 78.2



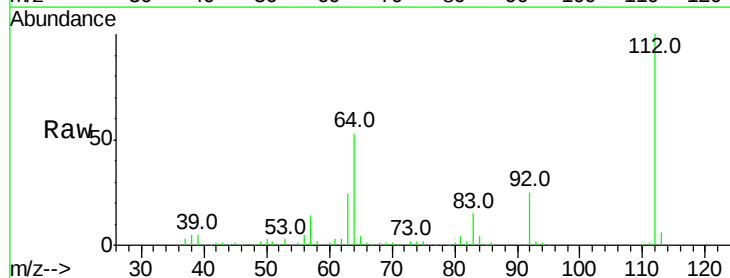
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



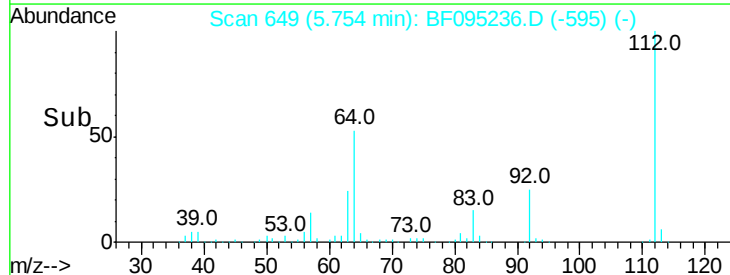
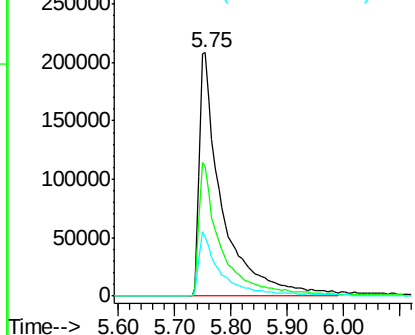
#5

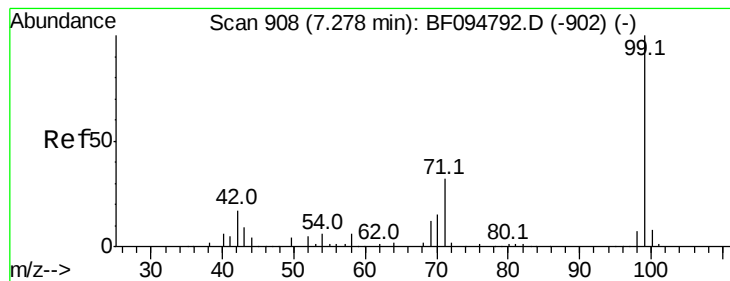
2-Fluorophenol
Concen: 100.58 ng
RT: 5.75 min Scan# 649
Delta R.T. 0.02 min
Lab File: BF095236.D
Acq: 18 May 2017 22:36

Tgt Ion:112 Resp: 586299
Ion Ratio Lower Upper
112 100
64 53.3 46.0 69.0
63 24.3 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 90.26 ng

RT: 7.31 min Scan# 914

Delta R.T. 0.00 min

Lab File: BF095236.D

Acq: 18 May 2017 22:36

Instrument :

BNA_F

ClientSampleId :

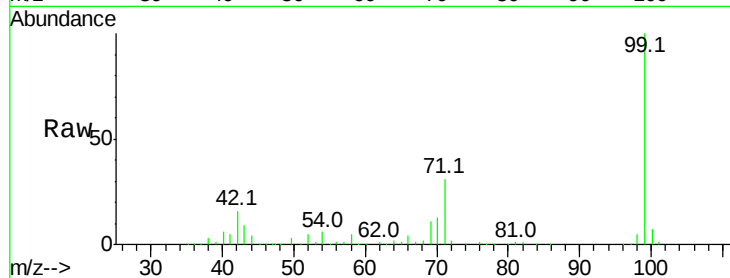
Tot Ion: 99 Resp: 631268

Ion Ratio Lower Upper

99 100

42 15.9 13.5 20.3

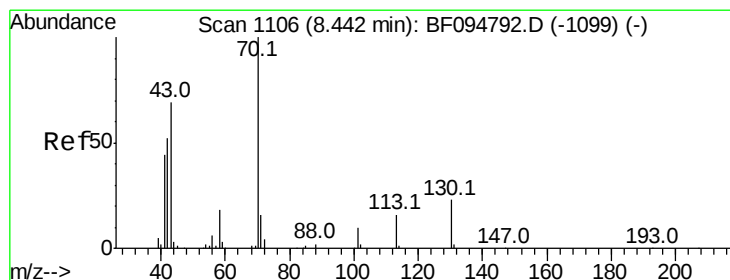
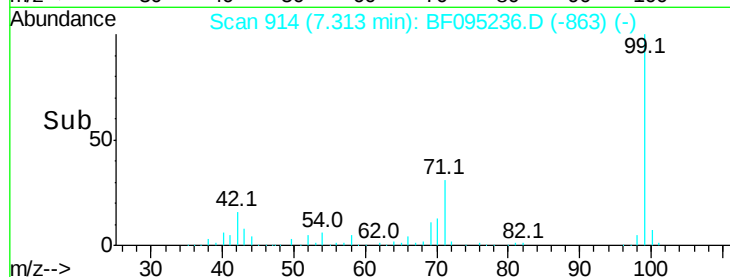
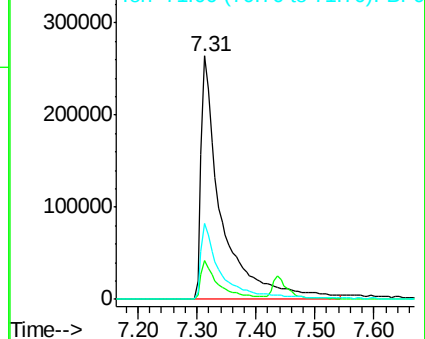
71 31.2 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#19

n-Nitroso-di-n-propylamine

Concen: 10.89 ng

RT: 8.67 min Scan# 1144

Delta R.T. 0.19 min

Lab File: BF095236.D

Acq: 18 May 2017 22:36

Tgt Ion: 70 Resp: 51505

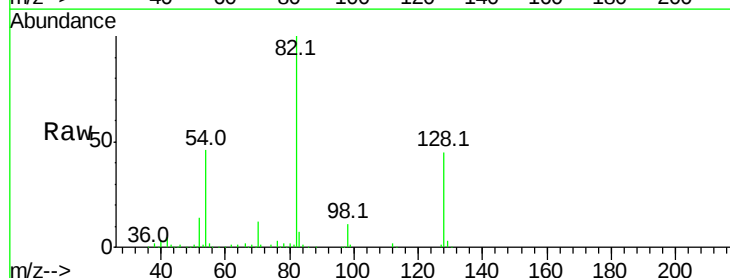
Ion Ratio Lower Upper

70 100

42 43.2 47.2 70.8#

101 0.0 7.2 10.8#

130 2.5 15.9 23.9#

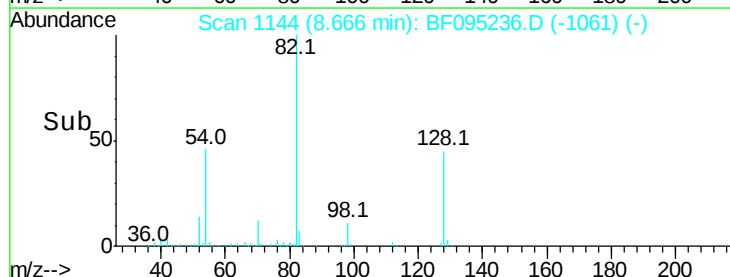
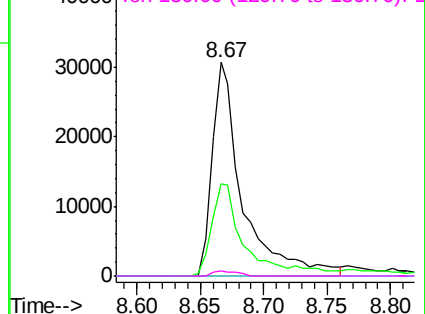


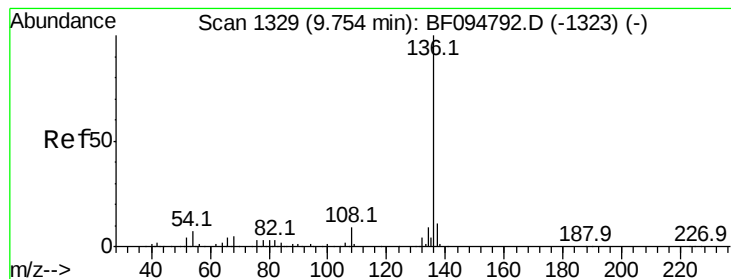
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.79 min Scan# 1335

Delta R.T. 0.01 min

Lab File: BF095236.D

Acq: 18 May 2017 22:36

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 385070

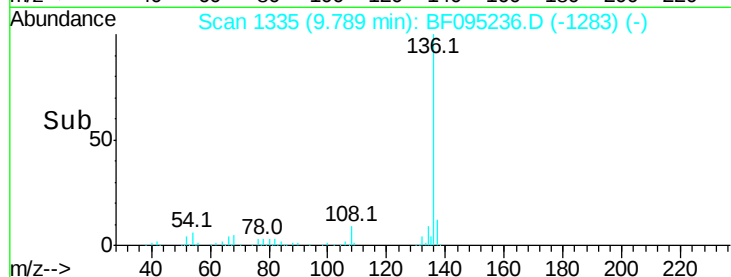
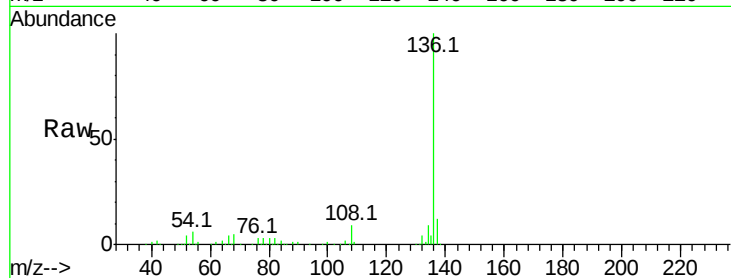
Ion Ratio Lower Upper

136 100

137 11.7 8.5 12.7

54 6.2 4.9 7.3

68 5.1 4.1 6.1



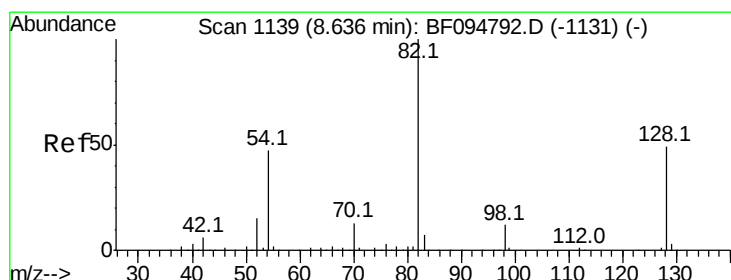
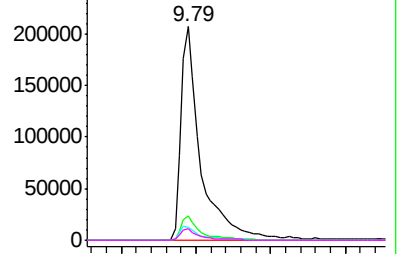
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

Time-->



#23

Nitrobenzene-d5

Concen: 72.46 ng

RT: 8.67 min Scan# 1144

Delta R.T. -0.01 min

Lab File: BF095236.D

Acq: 18 May 2017 22:36

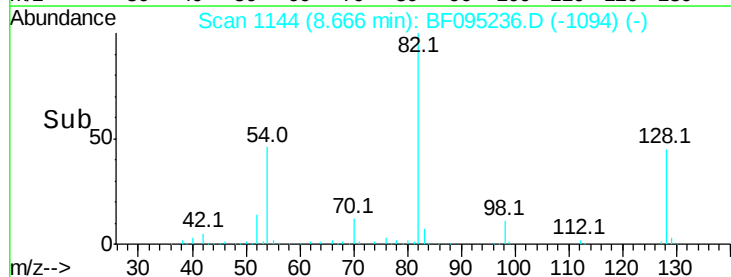
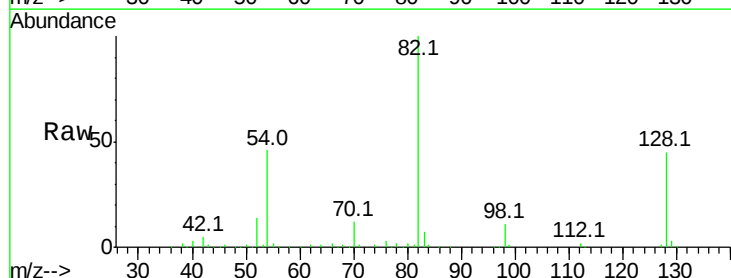
Tgt Ion: 82 Resp: 442487

Ion Ratio Lower Upper

82 100

128 45.1 34.0 51.0

54 45.9 42.2 63.2

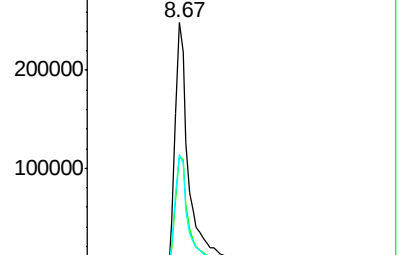


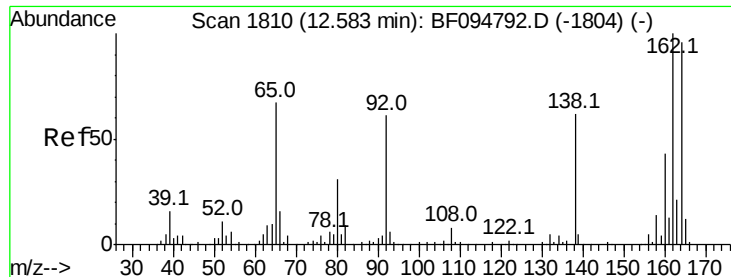
Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

Time-->





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.62 min Scan# 1816

Delta R.T. 0.00 min

Lab File: BF095236.D

Acq: 18 May 2017 22:36

Instrument :

BNA_F

ClientSampleId :

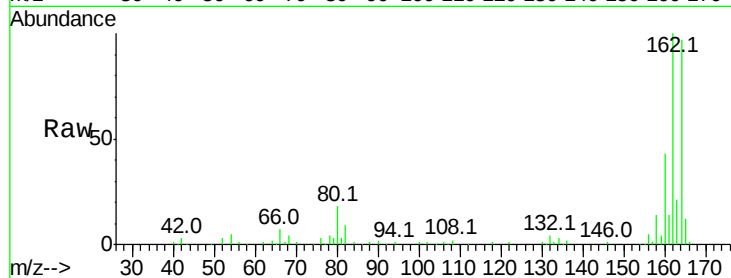
Tot Ion:164 Resp: 196223

Ion Ratio Lower Upper

164 100

162 102.6 82.6 123.8

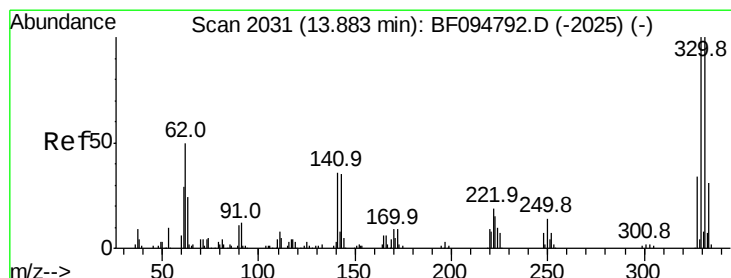
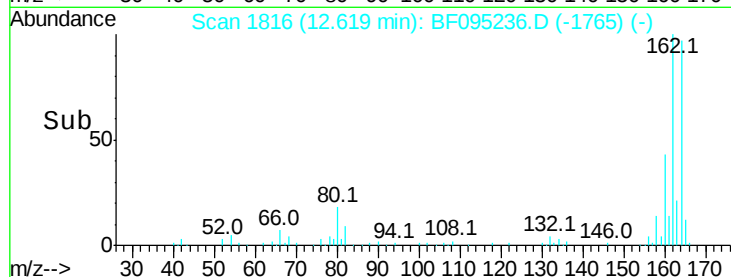
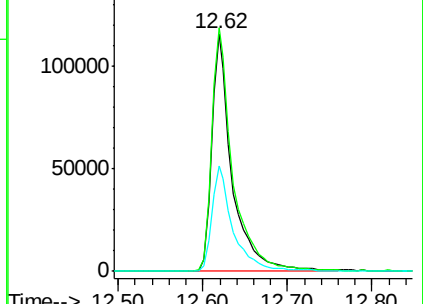
160 44.5 36.2 54.2



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: 116.10 ng

RT: 13.92 min Scan# 2037

Delta R.T. 0.00 min

Lab File: BF095236.D

Acq: 18 May 2017 22:36

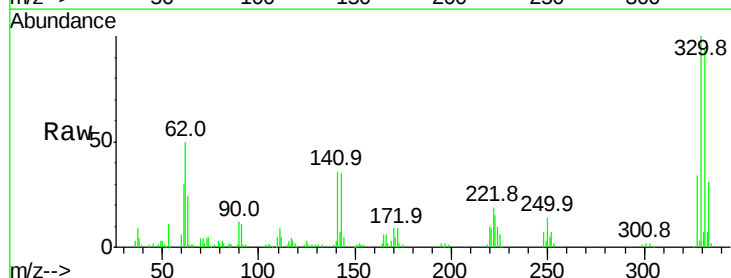
Tgt Ion:330 Resp: 186569

Ion Ratio Lower Upper

330 100

332 96.7 76.6 115.0

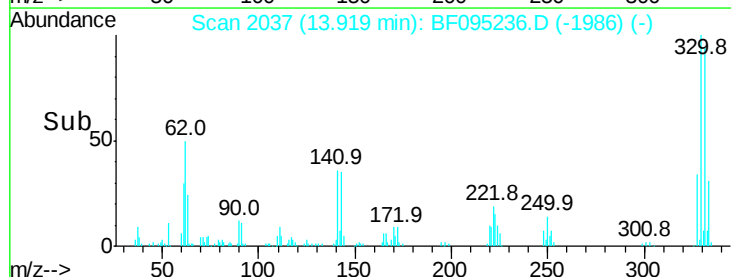
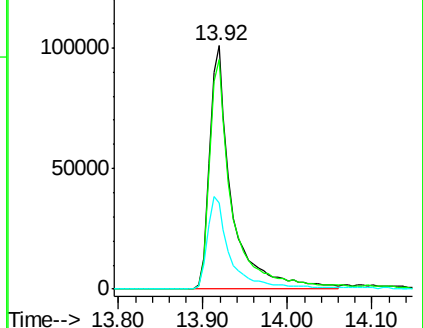
141 39.3 31.4 47.2

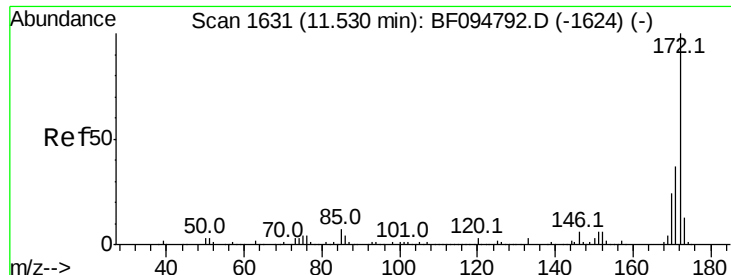


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

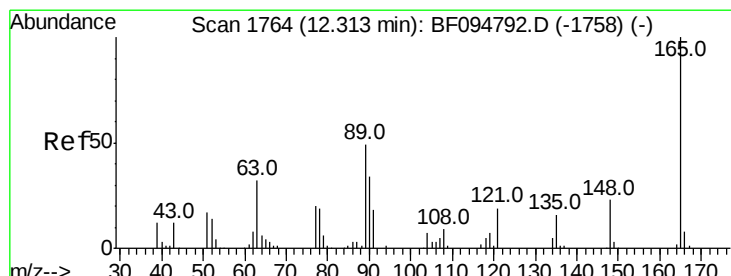
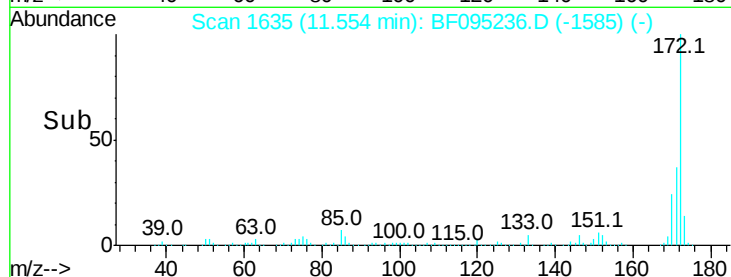
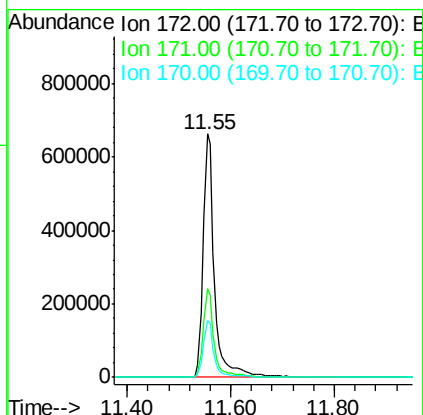
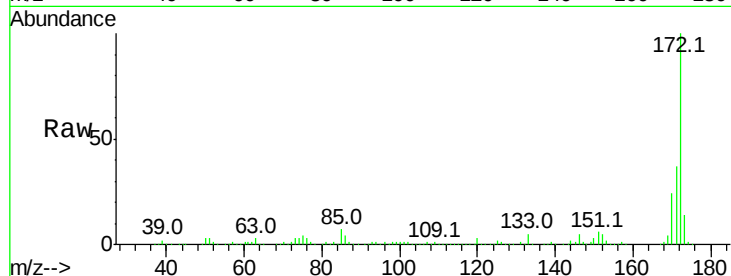




#44
 2-Fluorobiphenyl
 Concen: 74.56 ng
 RT: 11.55 min Scan# 1635
 Delta R.T. -0.01 min
 Lab File: BF095236.D
 Acq: 18 May 2017 22:36

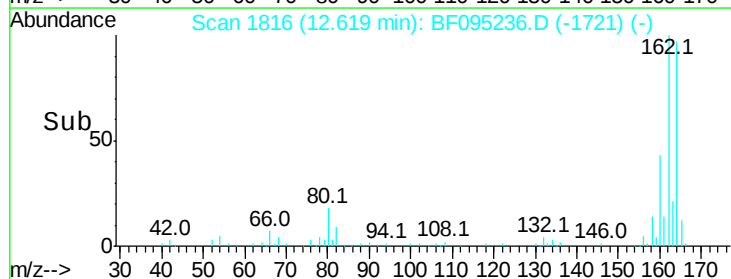
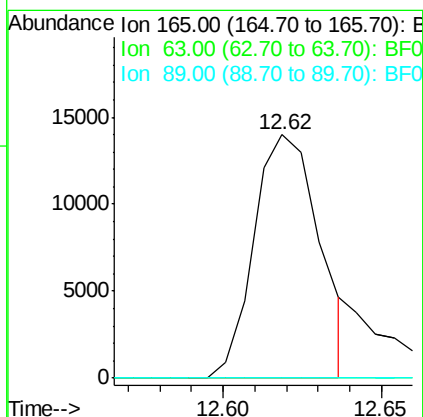
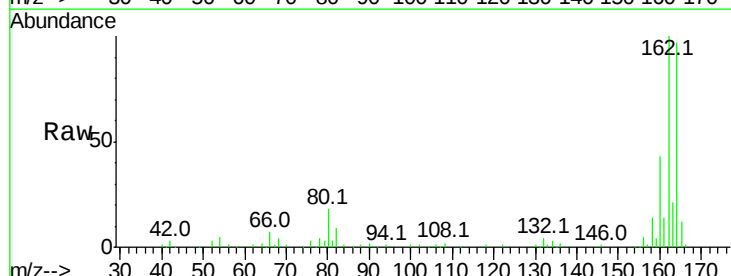
Instrument :
 BNA_F
 ClientSampled :

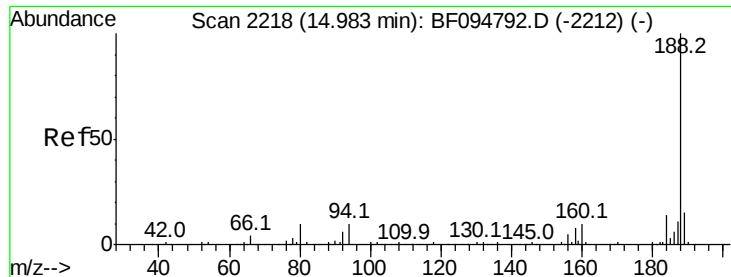
Tot Ion:172 Resp: 1016452
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.6 44.4
 170 23.5 19.8 29.8



#50
 2,6-Dinitrotoluene
 Concen: 6.12 ng
 RT: 12.62 min Scan# 1816
 Delta R.T. 0.26 min
 Lab File: BF095236.D
 Acq: 18 May 2017 22:36

Tgt Ion:165 Resp: 20106
 Ion Ratio Lower Upper
 165 100
 63 0.0 34.3 51.5#
 89 0.0 37.1 55.7#

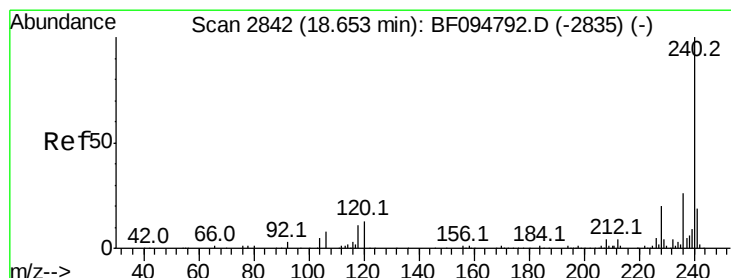
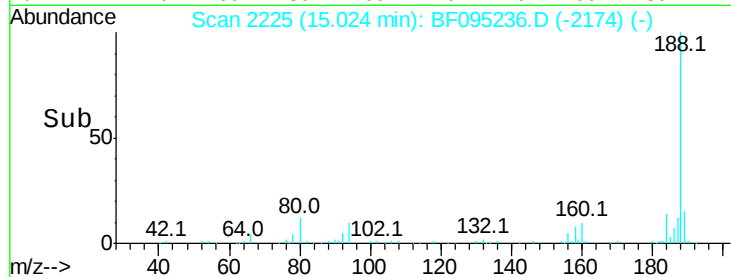
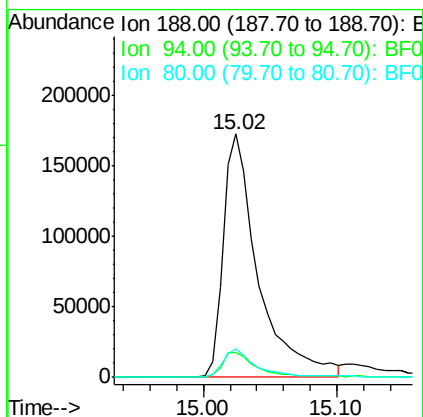
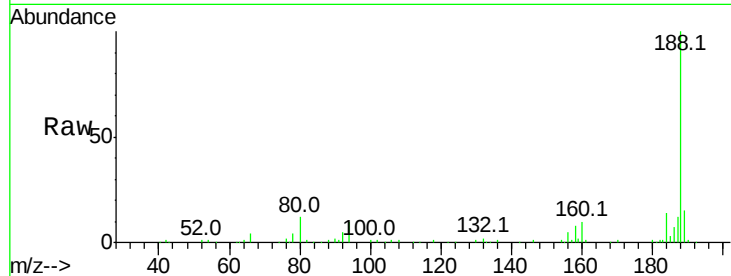




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 15.02 min Scan# 2225
 Delta R.T. 0.00 min
 Lab File: BF095236.D
 Acq: 18 May 2017 22:36

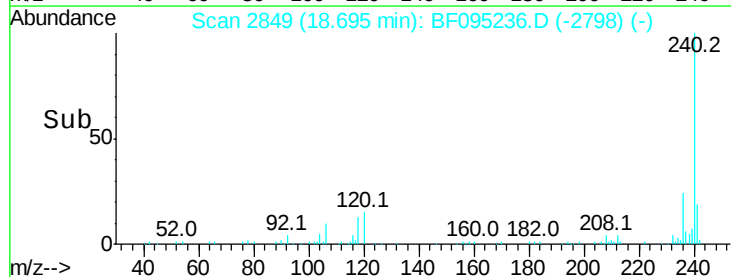
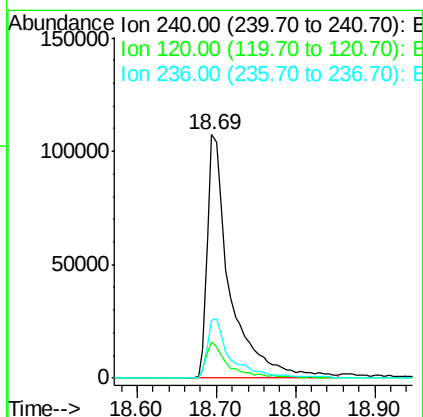
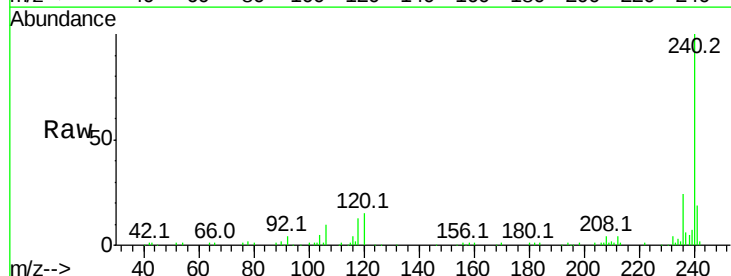
Instrument :
 BNA_F
 ClientSampleId :

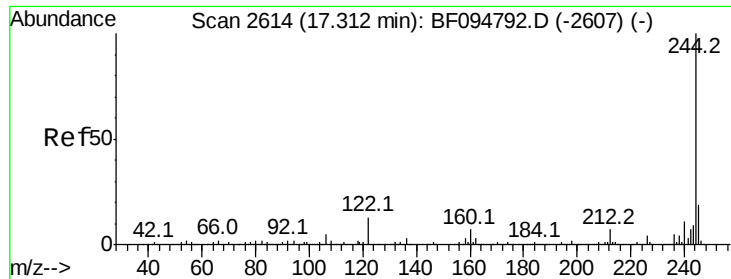
Tot Ion:188 Resp: 317143
 Ion Ratio Lower Upper
 188 100
 94 10.3 9.4 14.2
 80 11.5 10.2 15.2



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.69 min Scan# 2849
 Delta R.T. 0.00 min
 Lab File: BF095236.D
 Acq: 18 May 2017 22:36

Tgt Ion:240 Resp: 215516
 Ion Ratio Lower Upper
 240 100
 120 15.0 5.8 8.8#
 236 24.0 20.5 30.7

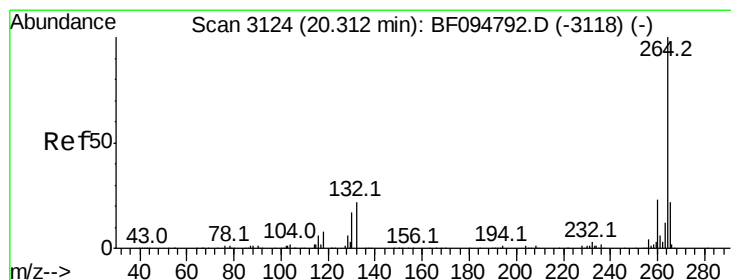
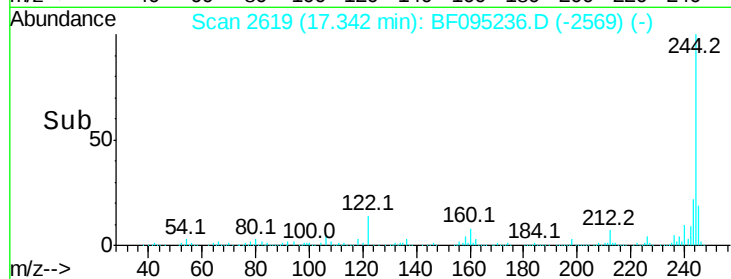
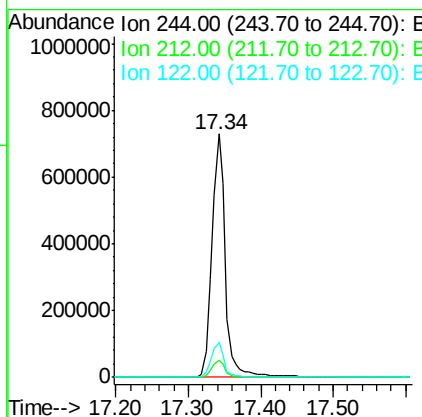
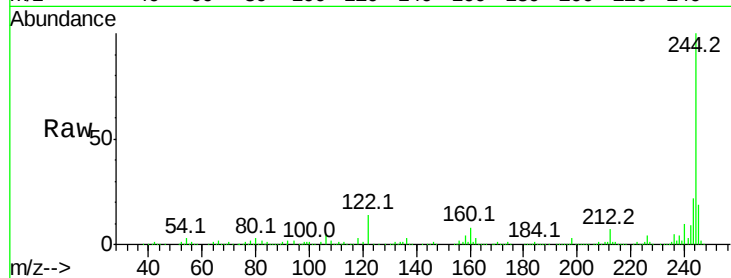




#78
 Terphenyl-d14
 Concen: 96.11 ng
 RT: 17.34 min Scan# 2619
 Delta R.T. -0.01 min
 Lab File: BF095236.D
 Acq: 18 May 2017 22:36

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 940448
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.0 9.0
 122 14.1 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.38 min Scan# 3135
 Delta R.T. 0.01 min
 Lab File: BF095236.D
 Acq: 18 May 2017 22:36

Tgt Ion:264 Resp: 144615
 Ion Ratio Lower Upper
 264 100
 260 24.7 19.5 29.3
 265 20.7 17.2 25.8

