

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092519\
 Data File : BF117256.D
 Acq On : 25 Sep 2019 22:24
 Operator : JU
 Sample : K5020-07
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RBR-200050

Quant Time: Sep 26 04:10:30 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 13 16:23:17 2019
 Response via : Initial Calibration

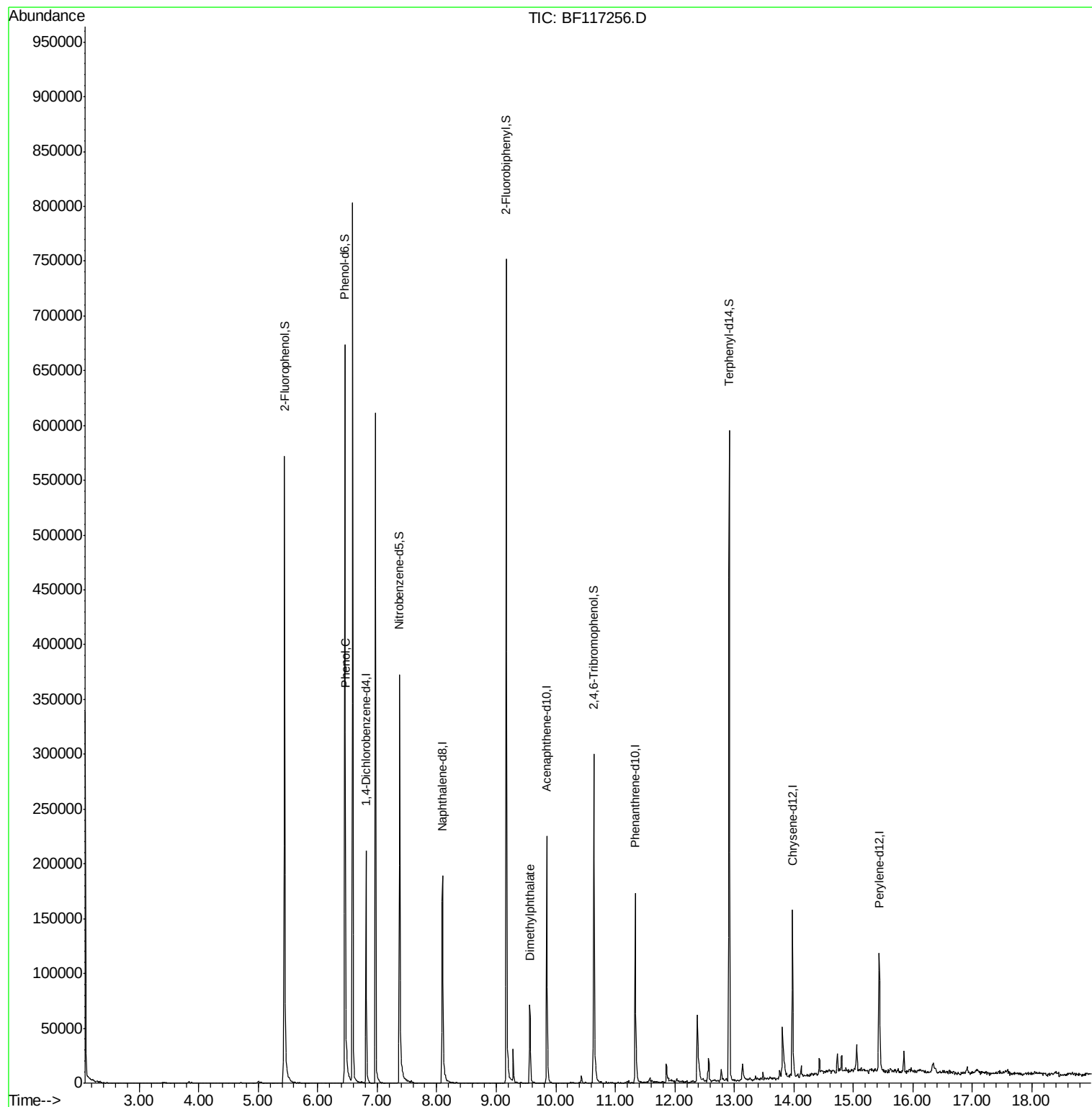
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	33079	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	125728	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	57402	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	77536	20.00	ng	0.00
76) Chrysene-d12	13.97	240	60300	20.00	ng	0.00
87) Perylene-d12	15.43	264	51802	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	192414	90.81	ng	0.00
7) Phenol-d6	6.46	99	253778	92.68	ng	0.00
23) Nitrobenzene-d5	7.37	82	158448	66.22	ng	-0.01
42) 2,4,6-Tribromophenol	10.64	330	38947	81.18	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	248115	67.58	ng	0.00
79) Terphenyl-d14	12.92	244	188133	58.32	ng	0.00
Target Compounds						
10) Phenol	6.47	94	8118	2.689	ng	87
50) Dimethylphthalate	9.56	163	38546	9.484	ng	97

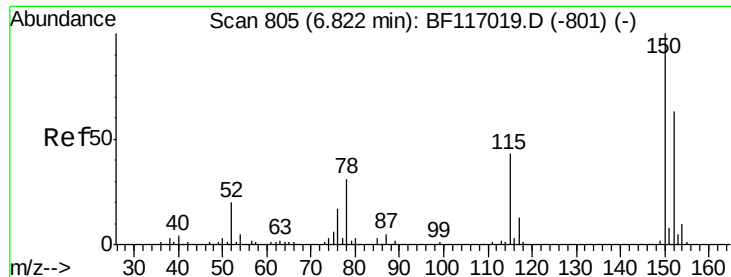
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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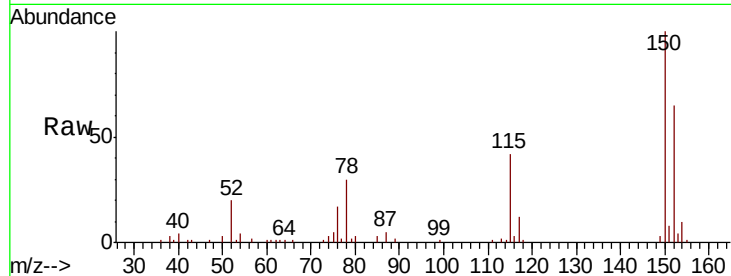


#1

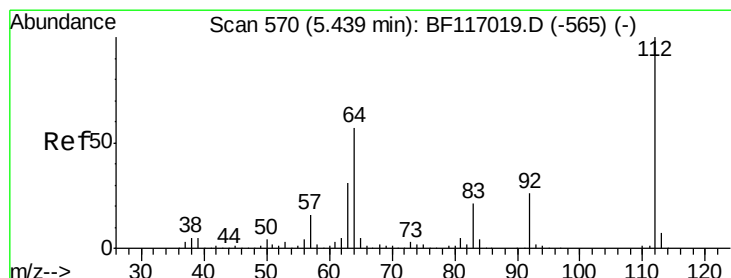
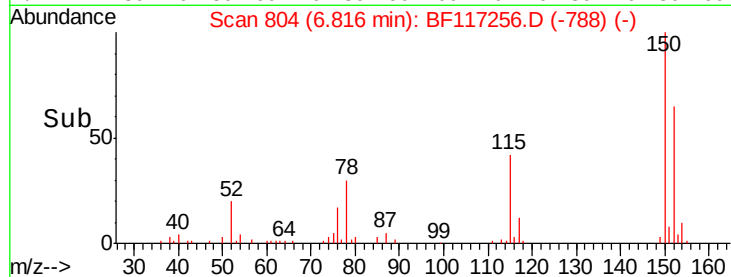
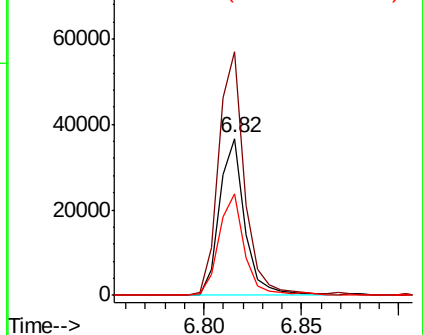
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.01 min
Lab File: BF117256.D
Acq: 25 Sep 2019 22:24

Instrument :
BNA_F
ClientSampleId :
RBR-200050

Tot Ion:152 Resp: 33079
Ion Ratio Lower Upper
152 100
150 154.9 127.5 191.3
115 64.5 55.0 82.4



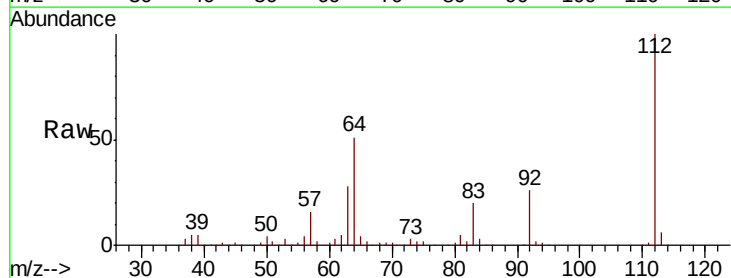
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



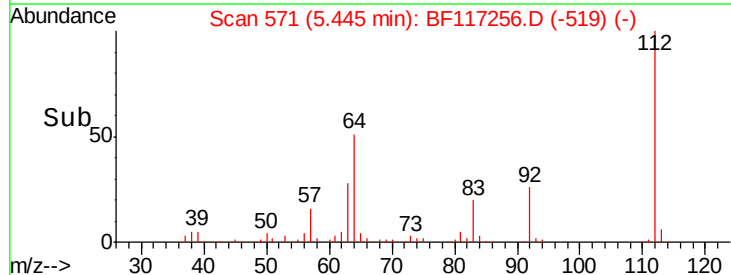
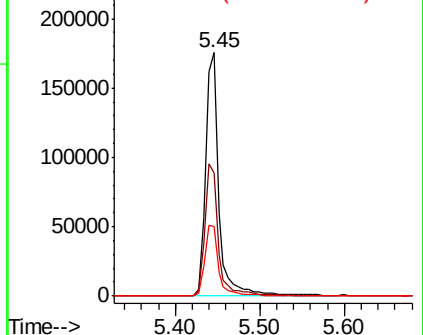
#5

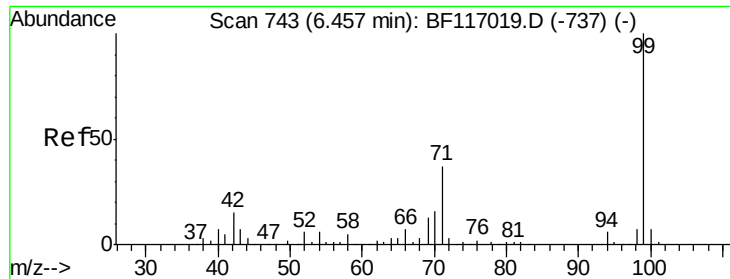
2-Fluorophenol
Concen: 90.815 ng
RT: 5.45 min Scan# 571
Delta R.T. 0.01 min
Lab File: BF117256.D
Acq: 25 Sep 2019 22:24

Tgt Ion:112 Resp: 192414
Ion Ratio Lower Upper
112 100
64 50.7 45.7 68.5
63 28.4 24.9 37.3



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 92.681 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.00 min

Lab File: BF117256.D

Acq: 25 Sep 2019 22:24

Instrument :

BNA_F

ClientSampleId :

RBR-200050

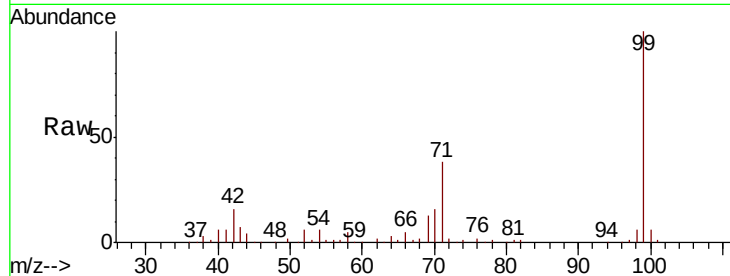
Tot Ion: 99 Resp: 253778

Ion Ratio Lower Upper

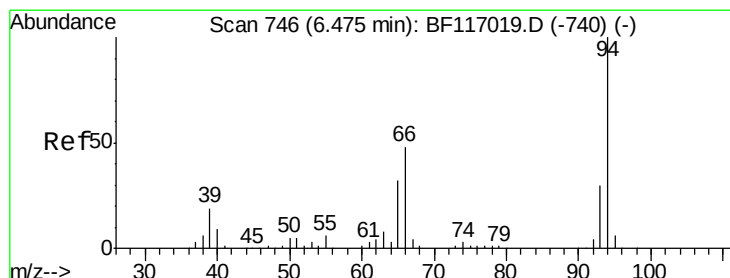
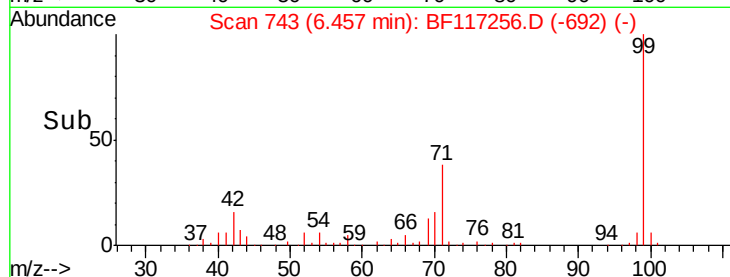
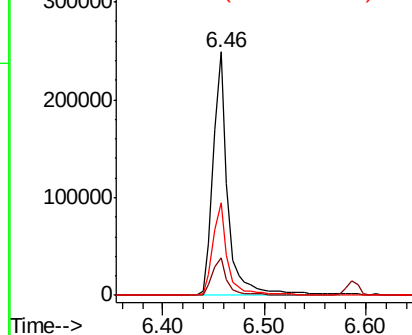
99 100

42 15.6 12.2 18.2

71 38.1 29.8 44.8



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 2.689 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF117256.D

Acq: 25 Sep 2019 22:24

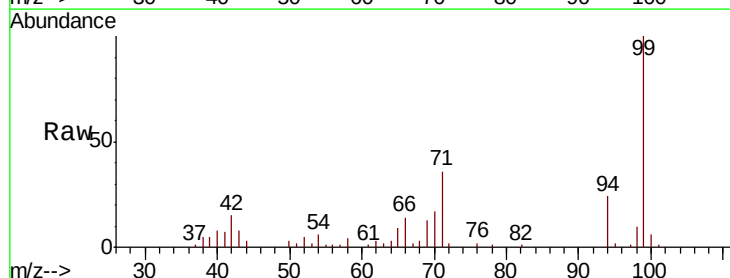
Tgt Ion: 94 Resp: 8118

Ion Ratio Lower Upper

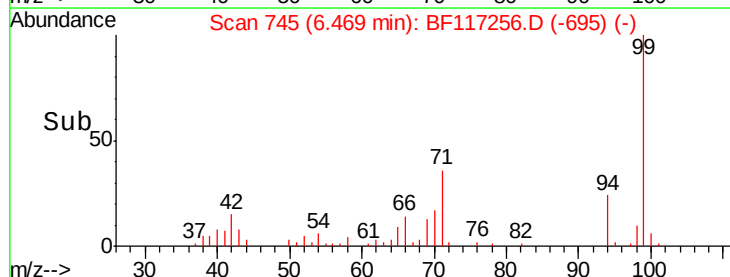
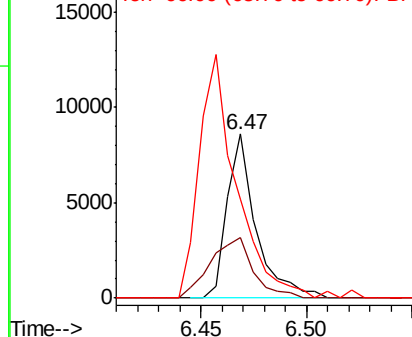
94 100

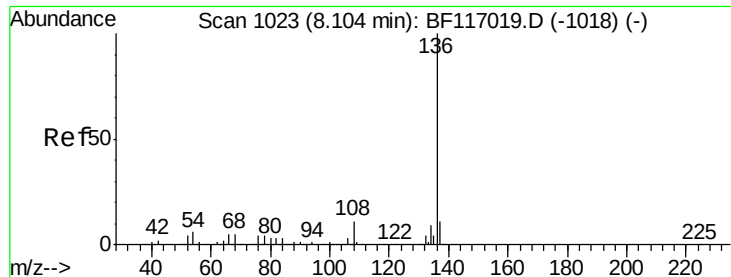
65 36.8 12.5 52.5

66 60.4 28.9 68.9



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

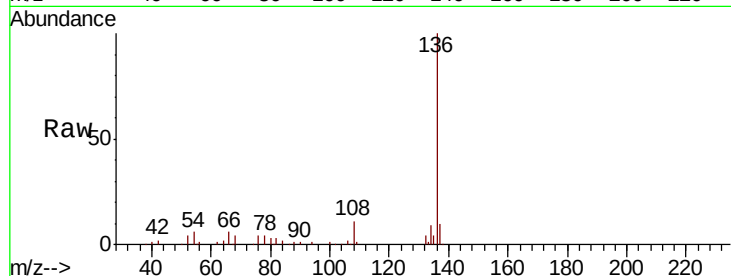




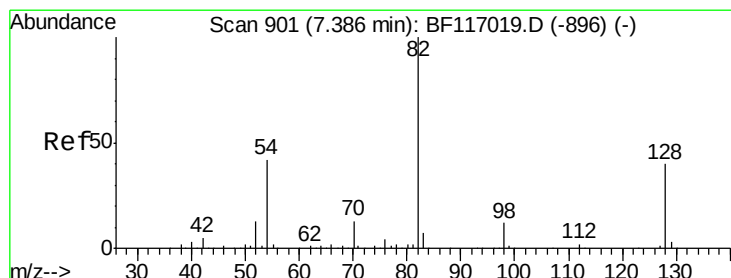
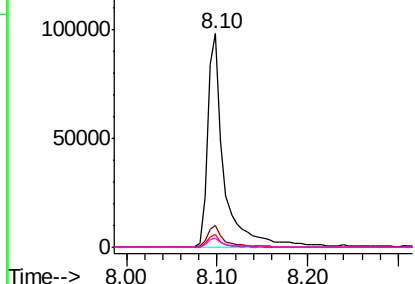
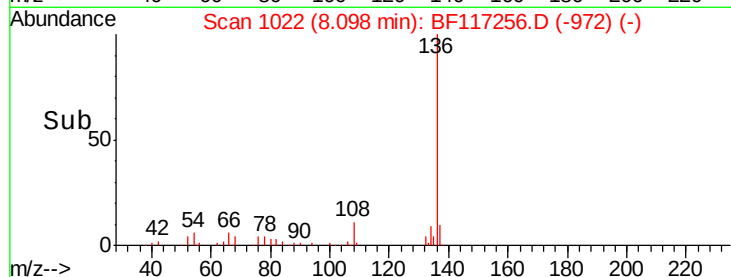
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BF117256.D
Acq: 25 Sep 2019 22:24

Instrument :
BNA_F
ClientSampleId :
RBR-200050

Tot Ion:136	Resp:	125728
Ion	Ratio	Lower Upper
136	100	
137	10.2	9.0 13.4
54	6.0	4.5 6.7
68	4.4	4.0 6.0

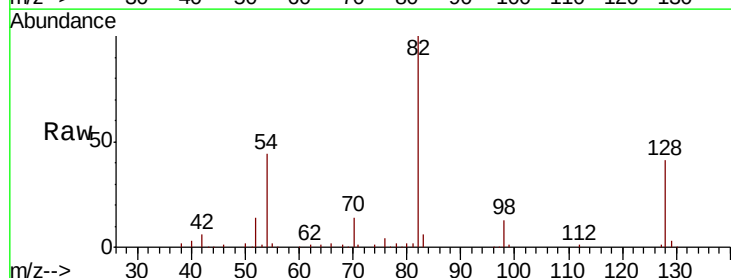


Abundance Ion 136.00 (135.70 to 136.70): E
150000 Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

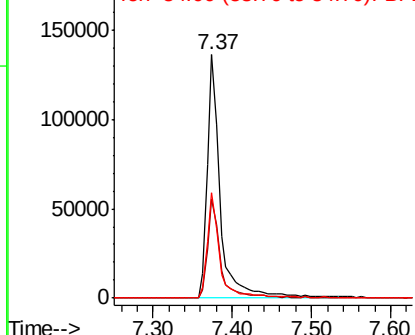
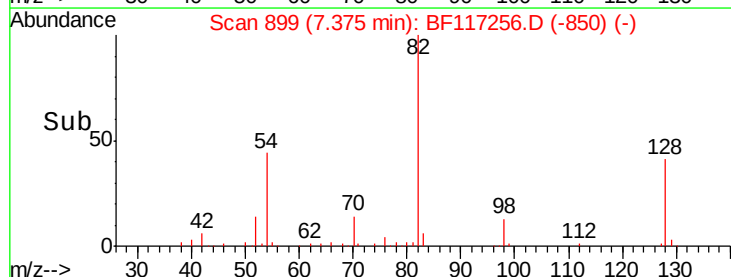


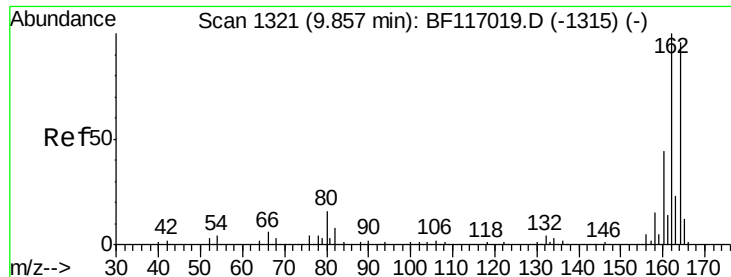
#23
Nitrobenzene-d5
Concen: 66.216 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF117256.D
Acq: 25 Sep 2019 22:24

Tgt Ion: 82	Resp:	158448
Ion	Ratio	Lower Upper
82	100	
128	40.5	32.3 48.5
54	43.5	33.3 49.9



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.85 min Scan# 1320

Delta R.T. -0.01 min

Lab File: BF117256.D

Acq: 25 Sep 2019 22:24

Instrument :

BNA_F

ClientSampleId :

RBR-200050

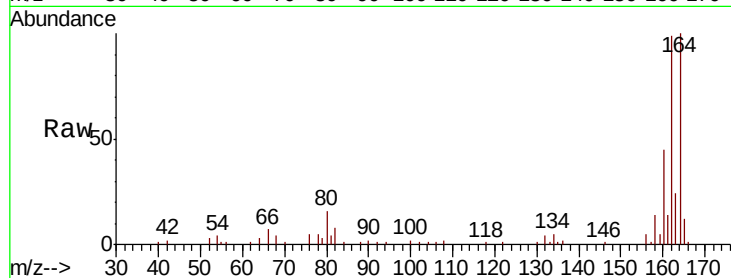
Tot Ion:164 Resp: 57402

Ion Ratio Lower Upper

164 100

162 98.9 83.4 125.2

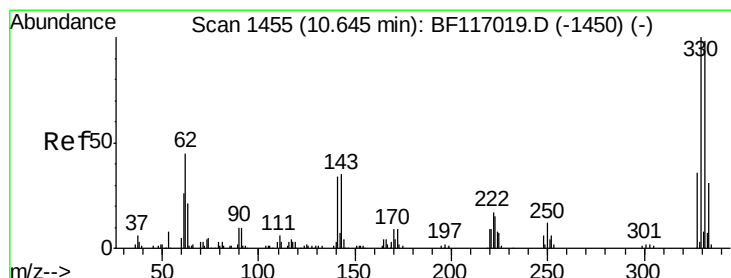
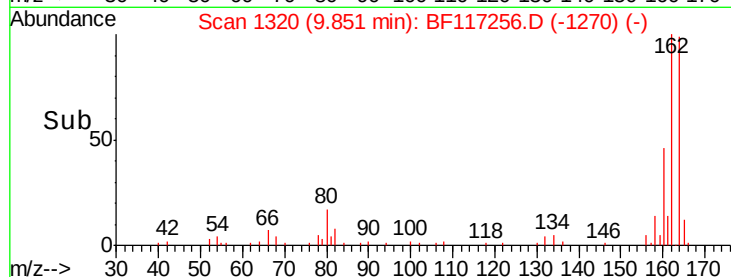
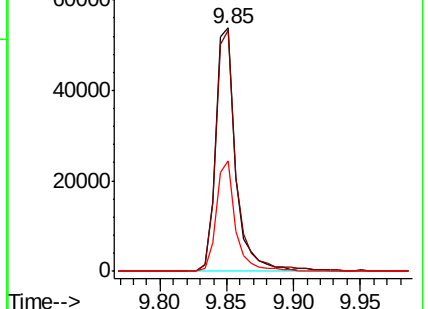
160 45.3 36.4 54.6



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: 81.182 ng

RT: 10.64 min Scan# 1454

Delta R.T. -0.01 min

Lab File: BF117256.D

Acq: 25 Sep 2019 22:24

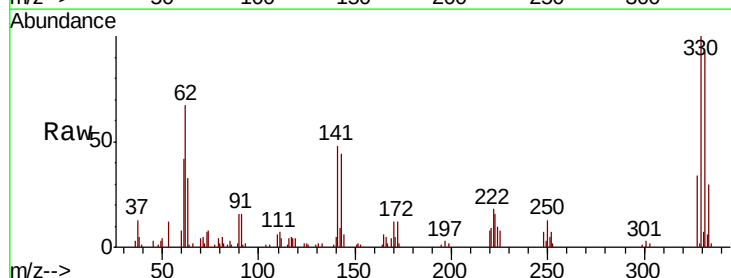
Tgt Ion:330 Resp: 38947

Ion Ratio Lower Upper

330 100

332 95.7 78.0 117.0

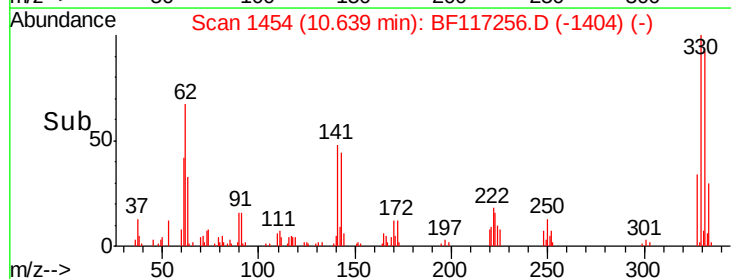
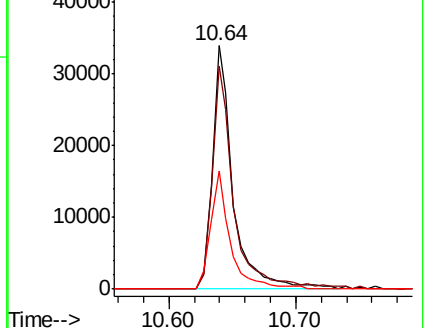
141 46.2 35.8 53.6

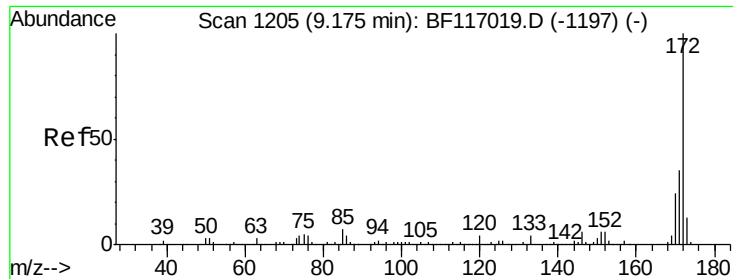


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

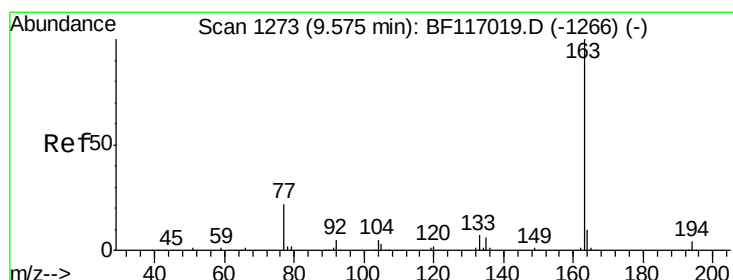
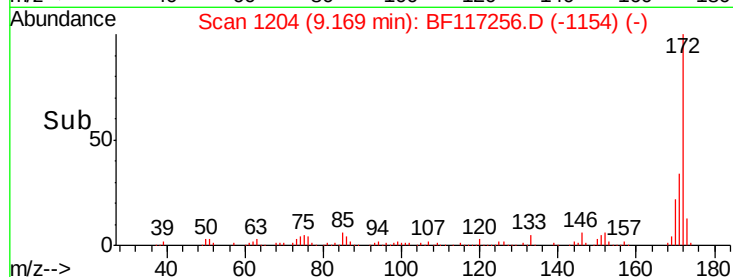
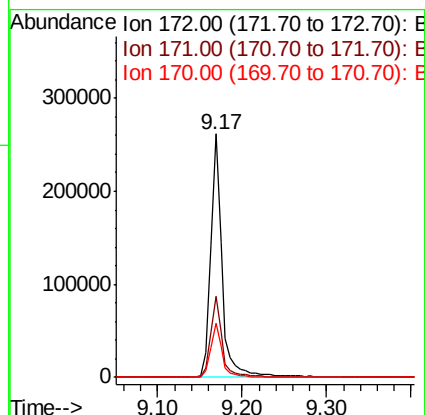
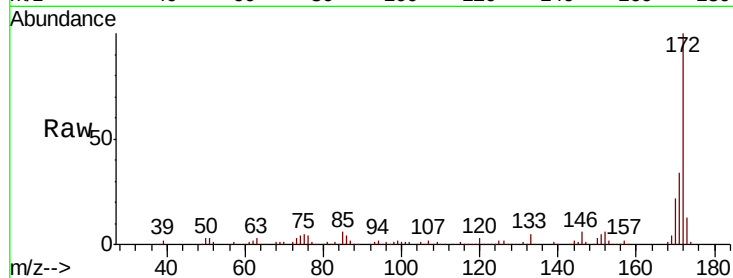




#45
2-Fluorobiphenyl
Concen: 67.584 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BF117256.D
Acq: 25 Sep 2019 22:24

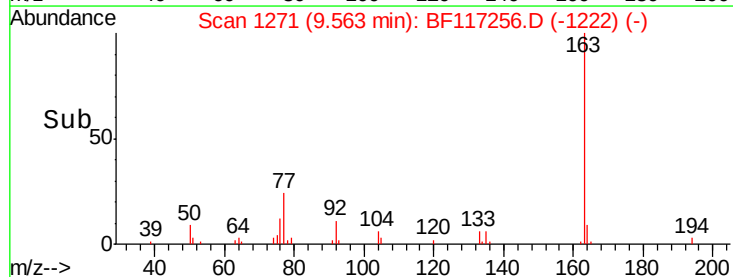
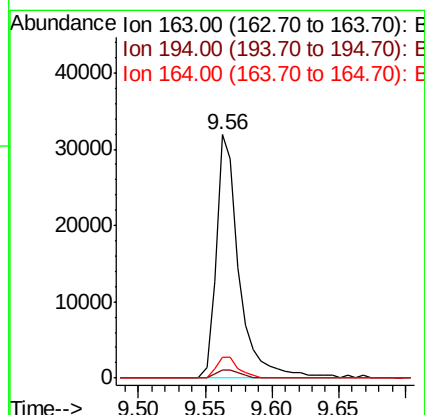
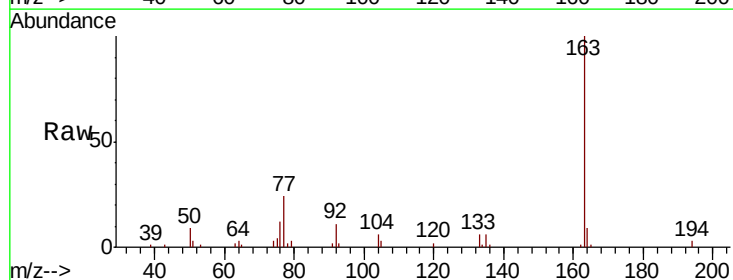
Instrument :
BNA_F
ClientSampleId :
RBR-200050

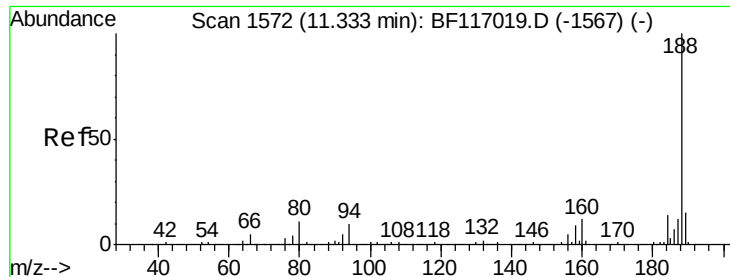
Tot Ion:172 Resp: 248115
Ion Ratio Lower Upper
172 100
171 33.5 28.2 42.2
170 22.4 18.9 28.3



#50
Dimethylphthalate
Concen: 9.484 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.01 min
Lab File: BF117256.D
Acq: 25 Sep 2019 22:24

Tgt Ion:163 Resp: 38546
Ion Ratio Lower Upper
163 100
194 3.4 2.9 4.3
164 8.8 8.2 12.4

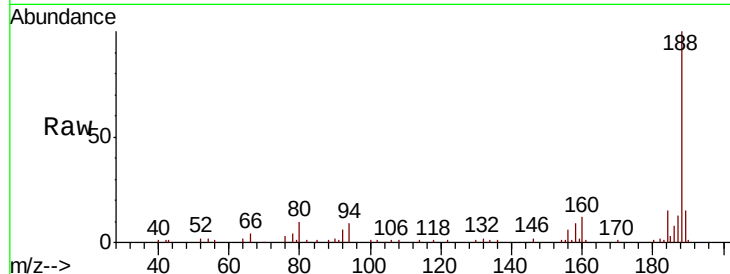




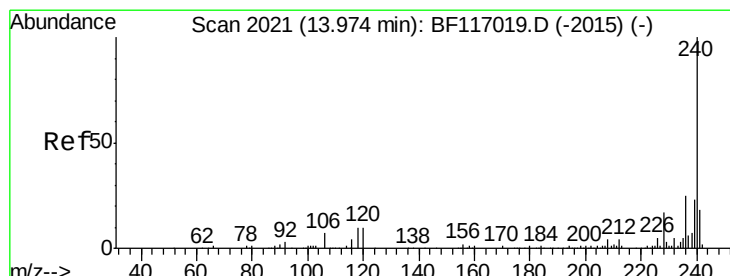
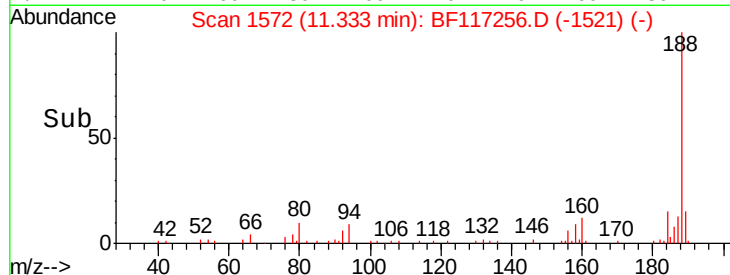
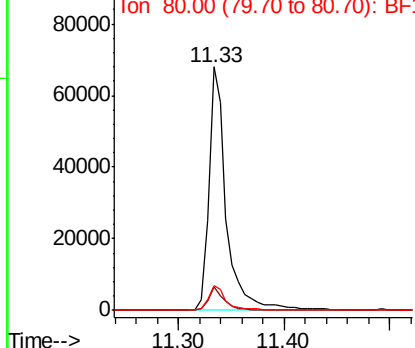
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.00 min
Lab File: BF117256.D
Acq: 25 Sep 2019 22:24

Instrument :
BNA_F
ClientSampleId :
RBR-200050

Tot Ion:188 Resp: 77536
Ion Ratio Lower Upper
188 100
94 9.5 8.2 12.2
80 10.1 9.0 13.6

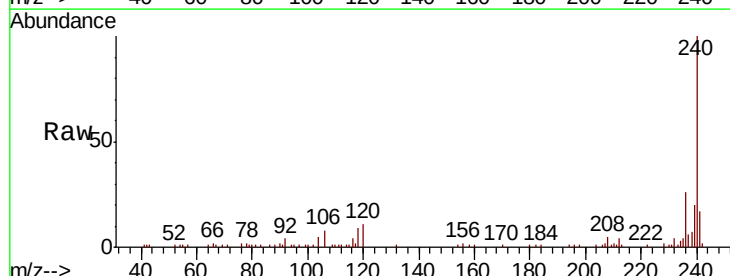


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

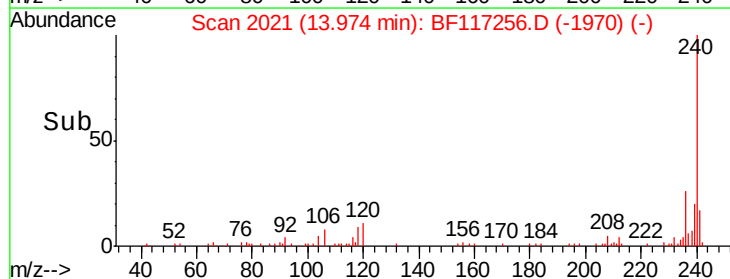
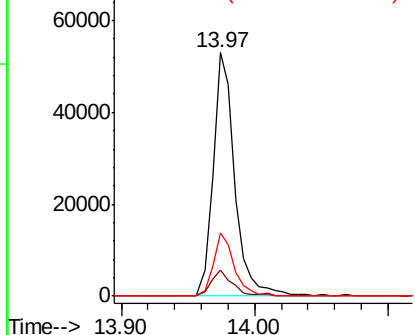


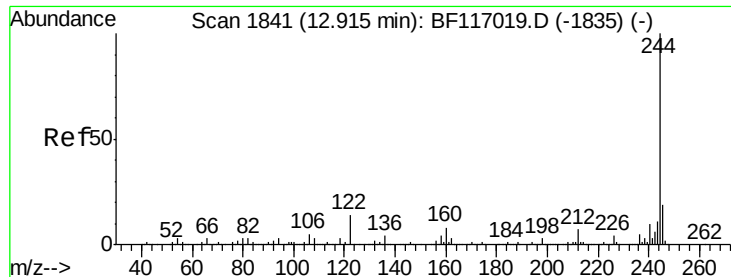
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.00 min
Lab File: BF117256.D
Acq: 25 Sep 2019 22:24

Tgt Ion:240 Resp: 60300
Ion Ratio Lower Upper
240 100
120 10.8 8.3 12.5
236 26.1 20.3 30.5



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

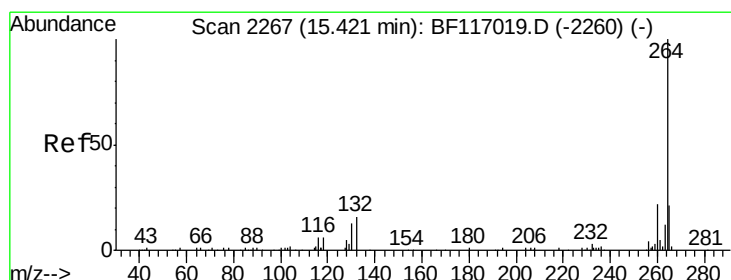
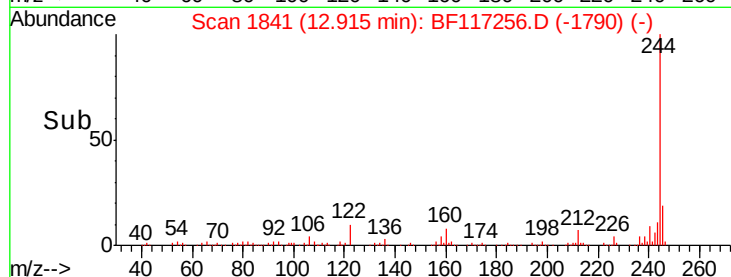
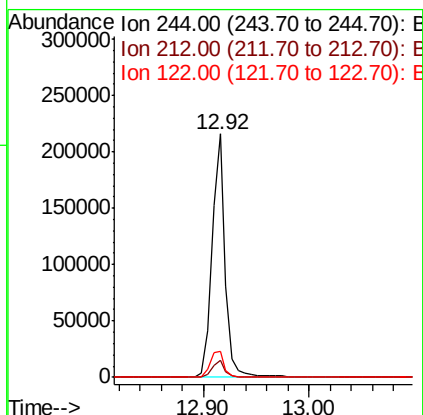
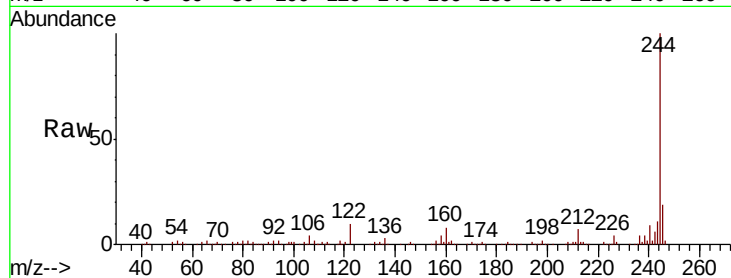




#79
 Terphenyl-d14
 Concen: 58.319 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: BF117256.D
 Acq: 25 Sep 2019 22:24

Instrument :
 BNA_F
 ClientSampleId :
 RBR-200050

Tot Ion:244 Resp: 188133
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.8
 122 10.4 11.3 16.9#



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.43 min Scan# 2269
 Delta R.T. 0.01 min
 Lab File: BF117256.D
 Acq: 25 Sep 2019 22:24

Tgt Ion:264 Resp: 51802
 Ion Ratio Lower Upper
 264 100
 260 22.8 17.6 26.4
 265 21.9 16.6 24.8

