

Data Path : Z:\svoasrv\HPCHEM1\BNA F\Data\BF100119\
 Data File : BF117282.D
 Acq On : 1 Oct 2019 17:48
 Operator : JU
 Sample : K5019-03DL2 150X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 QNWP8-MW26S-GWDL2

Quant Time: Oct 08 13:12:58 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

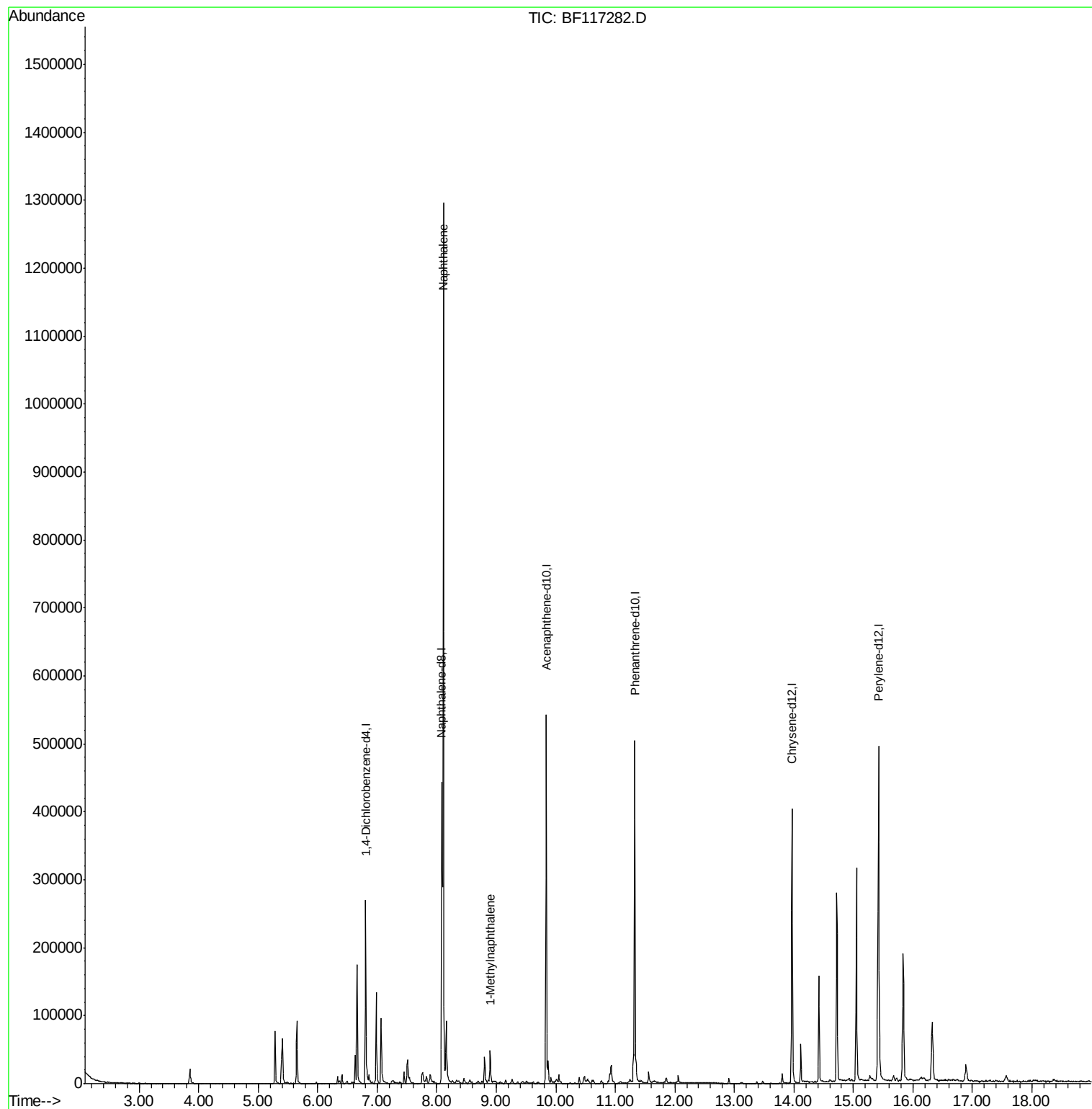
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	46862	20.00	ng	-0.02
21) Naphthalene-d8	8.09	136	202407	20.00	ng	-0.02
39) Acenaphthene-d10	9.84	164	112144	20.00	ng	-0.02
64) Phenanthrene-d10	11.33	188	187822	20.00	ng	0.00
76) Chrysene-d12	13.97	240	143259	20.00	ng	0.00
87) Perylene-d12	15.42	264	124525	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	135	0.04	ng	-0.05
7) Phenol-d6	6.49	99	686	0.18	ng	0.04
23) Nitrobenzene-d5	7.39	82	1083	0.28	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	555	0.59	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	3557	0.50	ng	-0.01
79) Terphenyl-d14	12.91	244	4218	0.55	ng	0.00
Target Compounds						
31) Naphthalene	8.11	128	581785	59.765	ng	99
38) 1-Methylnaphthalene	8.90	142	15101	2.460	ng	96

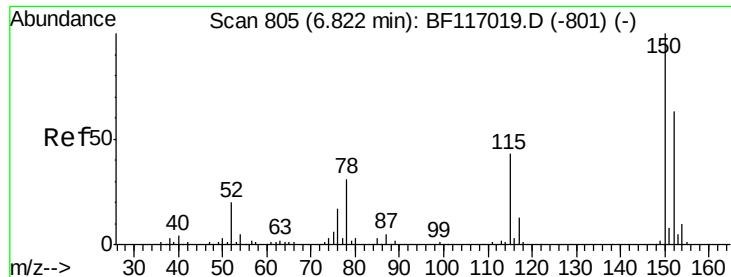
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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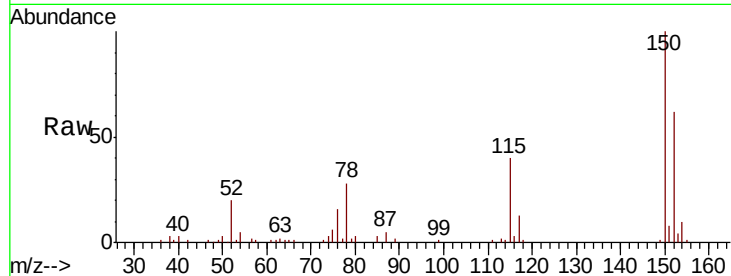


#1

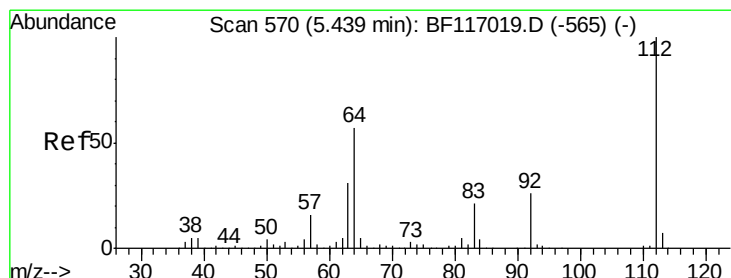
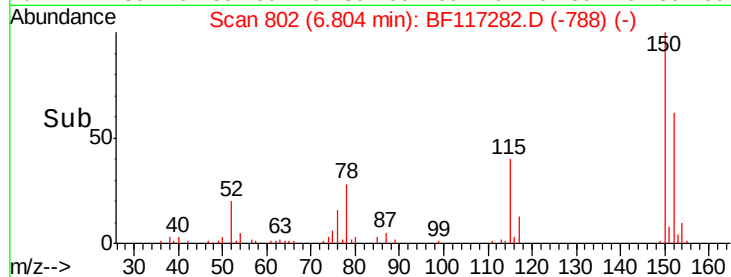
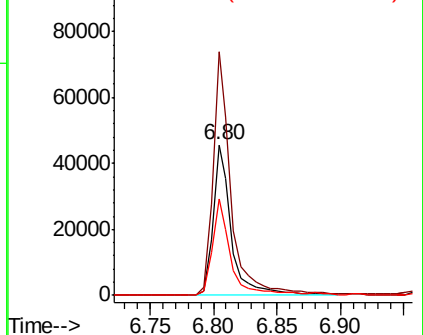
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.02 min
Lab File: BF117282.D
Acq: 1 Oct 2019 17:48

Instrument :
BNA_F
ClientSampleId :
QNWP8-MW26S-GWDL2

Tot Ion:152 Resp: 46862
Ion Ratio Lower Upper
152 100
150 162.1 127.5 191.3
115 64.3 55.0 82.4



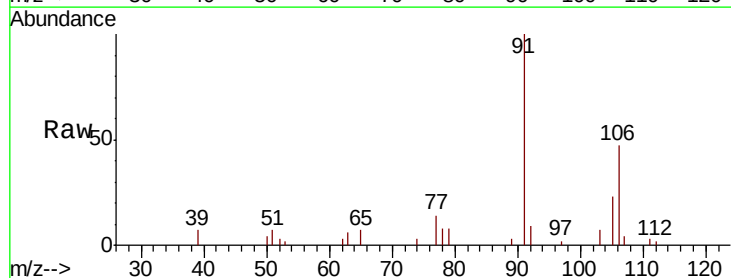
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



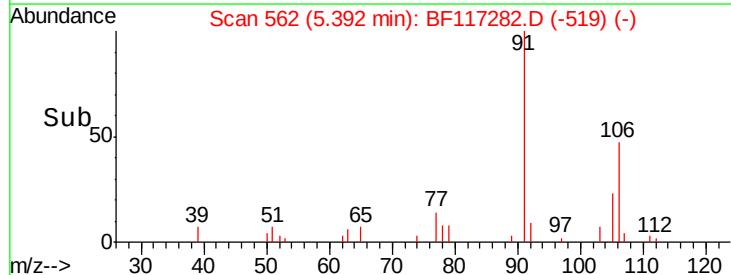
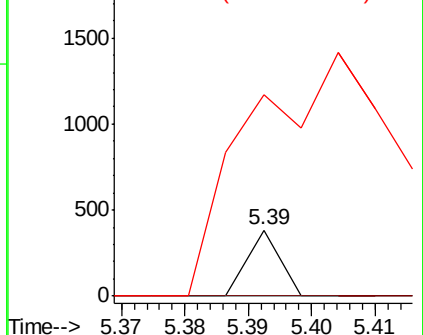
#5

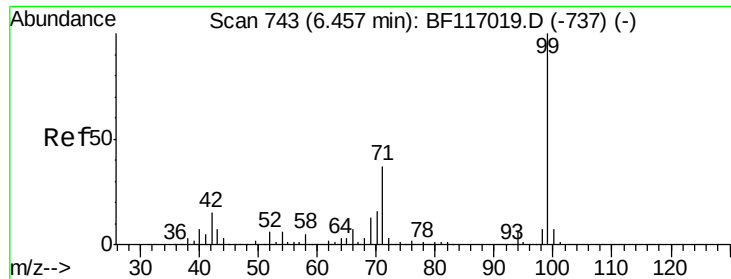
2-Fluorophenol
Concen: 0.045 ng
RT: 5.39 min Scan# 562
Delta R.T. -0.05 min
Lab File: BF117282.D
Acq: 1 Oct 2019 17:48

Tgt Ion:112 Resp: 135
Ion Ratio Lower Upper
112 100
64 0.0 45.7 68.5#
63 305.5 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: 0.177 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.04 min

Lab File: BF117282.D

Acq: 1 Oct 2019 17:48

Instrument :

BNA_F

ClientSampleId :

QNWP8-MW26S-GWDL2

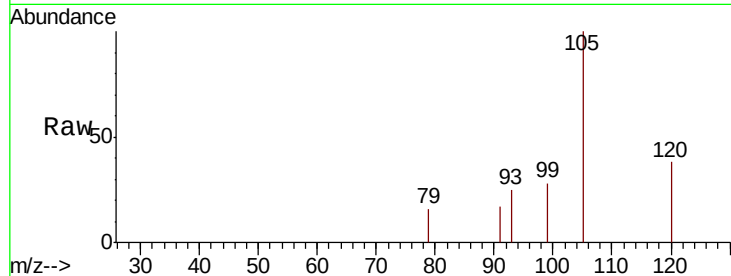
Tot Ion: 99 Resp: 686

Ion Ratio Lower Upper

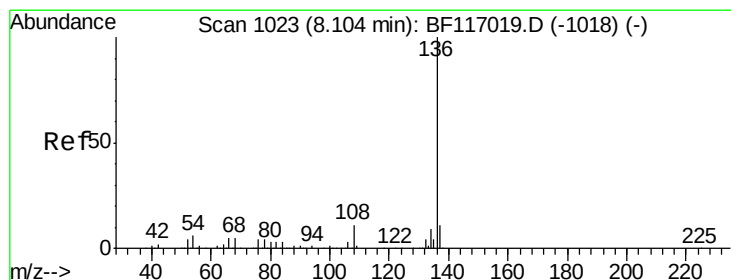
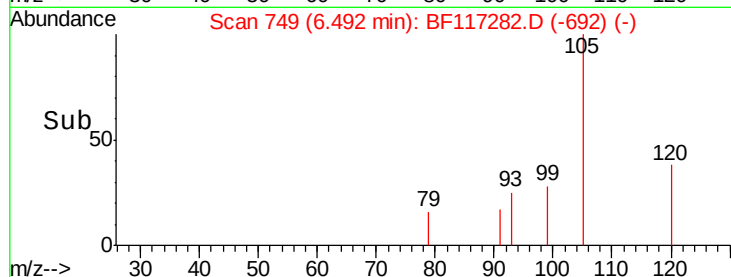
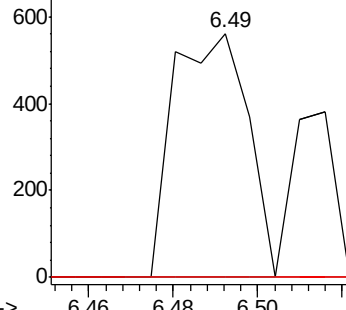
99 100

42 0.0 12.2 18.2#

71 0.0 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1020

Delta R.T. -0.02 min

Lab File: BF117282.D

Acq: 1 Oct 2019 17:48

Tgt Ion: 136 Resp: 202407

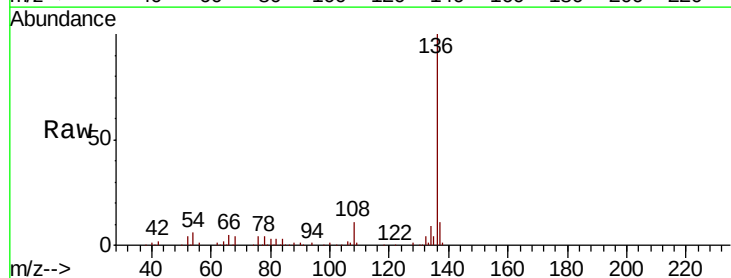
Ion Ratio Lower Upper

136 100

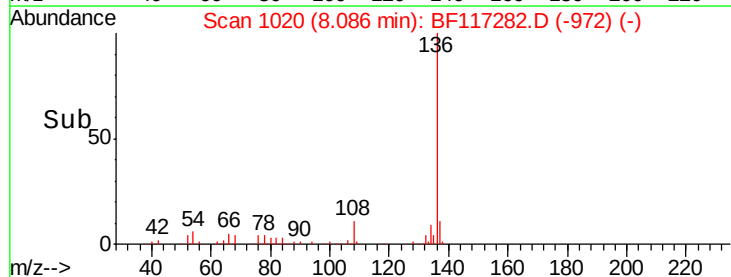
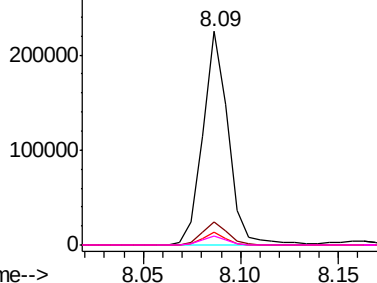
137 10.7 9.0 13.4

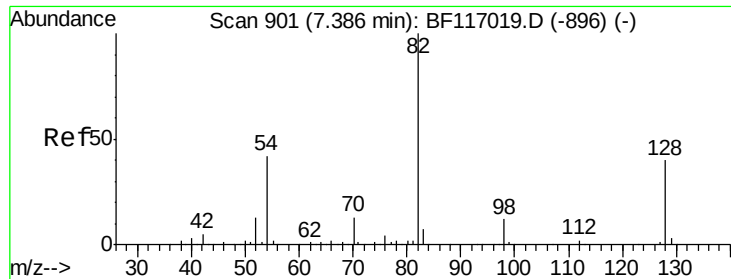
54 6.0 4.5 6.7

68 4.5 4.0 6.0



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

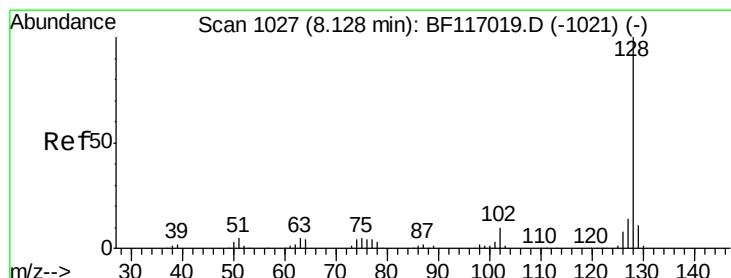
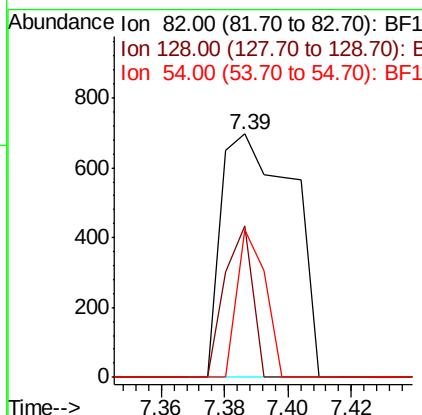
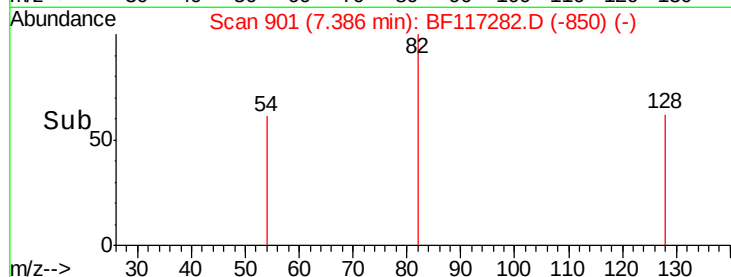
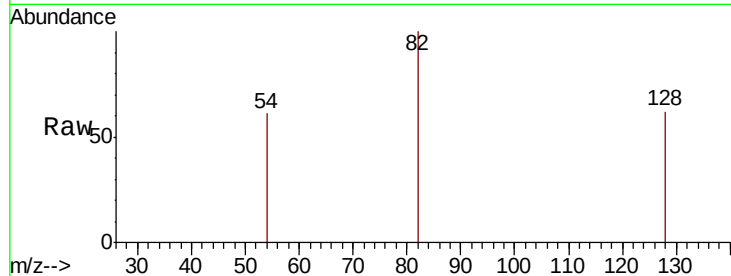




#23
Nitrobenzene-d5
Concen: 0.281 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.00 min
Lab File: BF117282.D
Acq: 1 Oct 2019 17:48

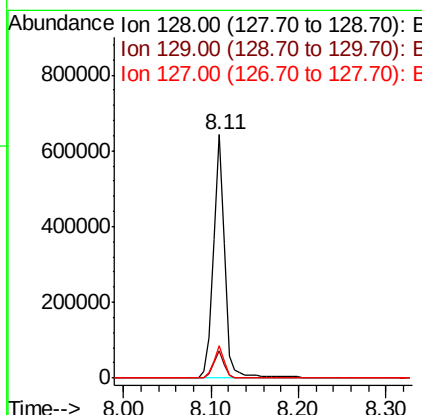
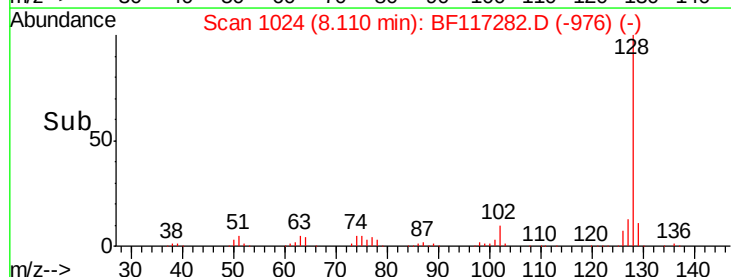
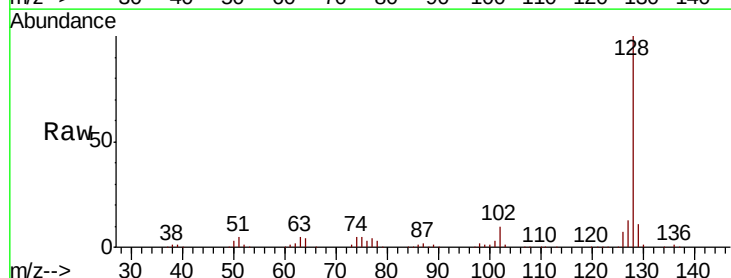
Instrument :
BNA_F
ClientSampleId :
QNWP8-MW26S-GWDL2

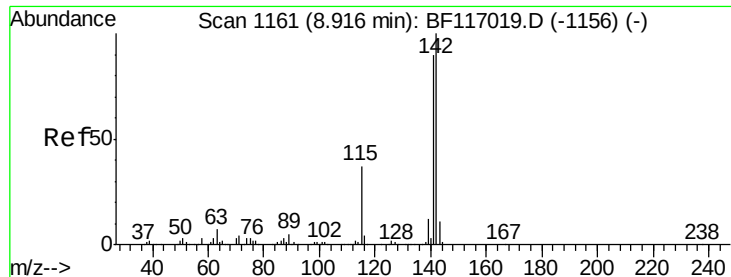
Tot Ion: 82 Resp: 1083
Ion Ratio Lower Upper
82 100
128 62.3 32.3 48.5#
54 60.5 33.3 49.9#



#31
Naphthalene
Concen: 59.765 ng
RT: 8.11 min Scan# 1024
Delta R.T. -0.02 min
Lab File: BF117282.D
Acq: 1 Oct 2019 17:48

Tgt Ion: 128 Resp: 581785
Ion Ratio Lower Upper
128 100
129 11.4 9.0 13.4
127 13.2 10.8 16.2

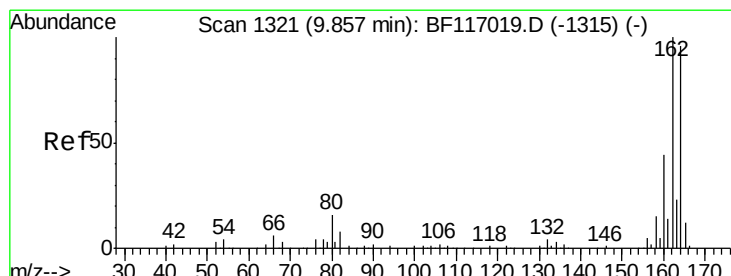
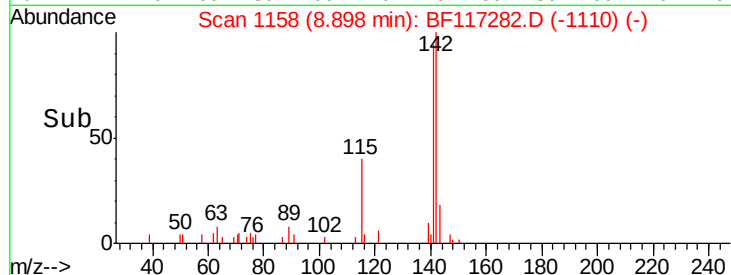
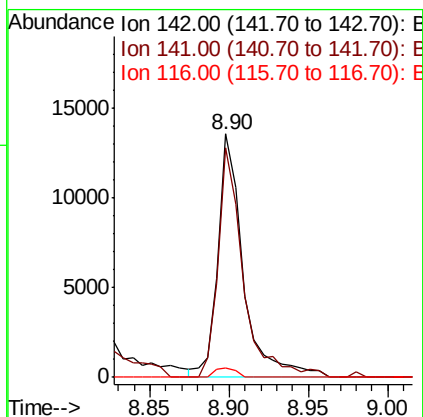
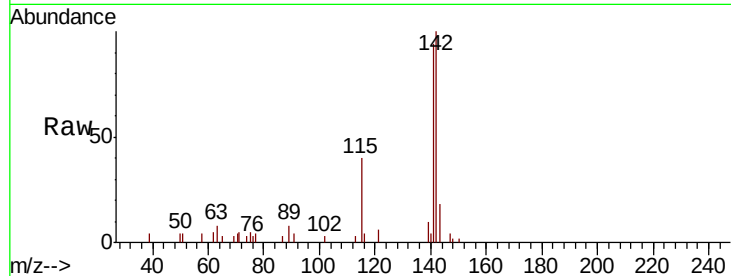




#38
1-Methylnaphthalene
Concen: 2.460 ng
RT: 8.90 min Scan# 1158
Delta R.T. -0.02 min
Lab File: BF117282.D
Acq: 1 Oct 2019 17:48

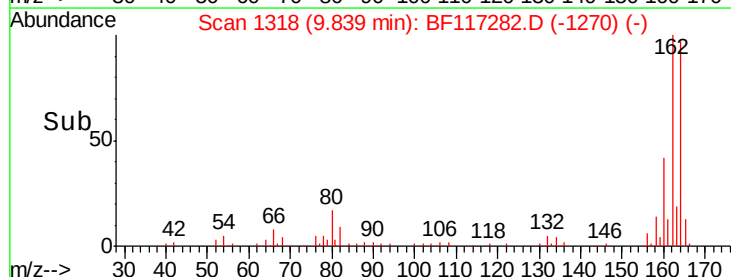
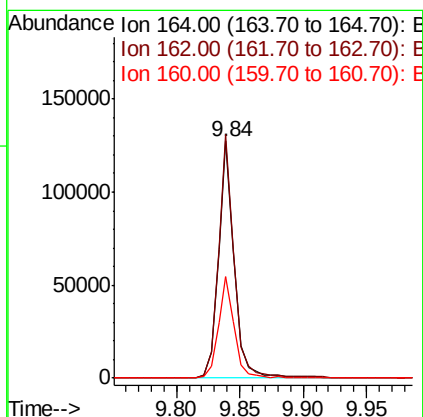
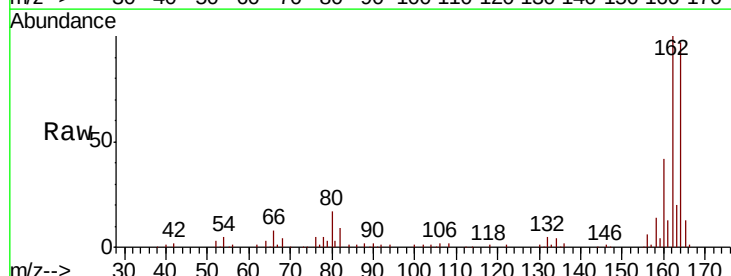
Instrument :
BNA_F
ClientSampleId :
QNWP8-MW26S-GWDL2

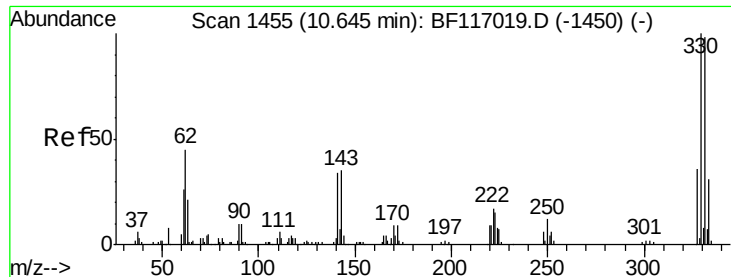
Tot Ion:142 Resp: 15101
Ion Ratio Lower Upper
142 100
141 94.1 71.9 107.9
116 3.7 3.2 4.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.02 min
Lab File: BF117282.D
Acq: 1 Oct 2019 17:48

Tgt Ion:164 Resp: 112144
Ion Ratio Lower Upper
164 100
162 102.7 83.4 125.2
160 42.9 36.4 54.6





#42

2,4,6-Tribromophenol

Concen: 0.592 ng

RT: 10.64 min Scan# 1454

Delta R.T. -0.01 min

Lab File: BF117282.D

Acq: 1 Oct 2019 17:48

Instrument :

BNA_F

ClientSampleId :

QNWP8-MW26S-GWDL2

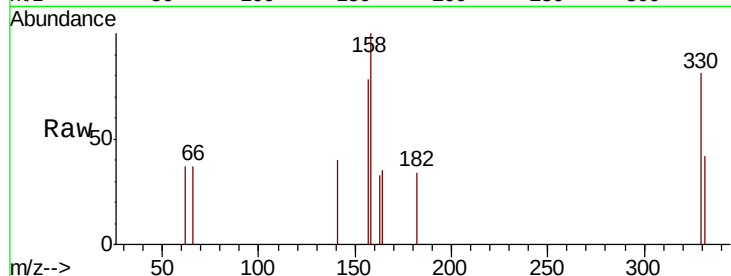
Tot Ion:330 Resp: 555

Ion Ratio Lower Upper

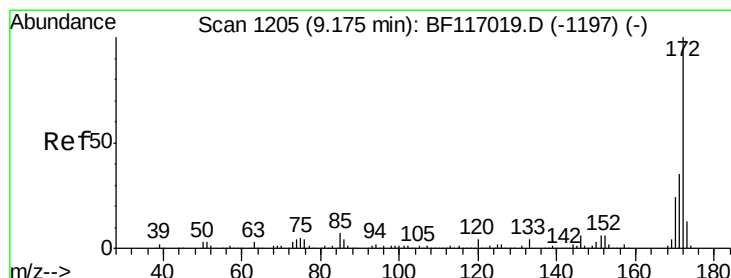
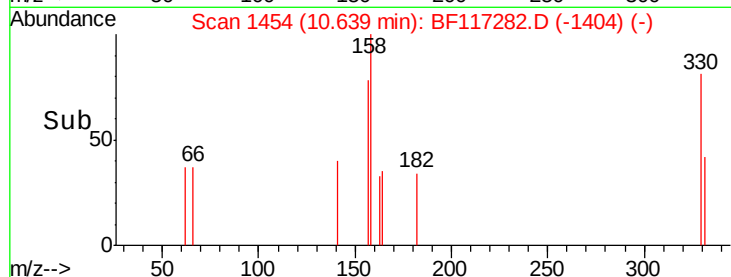
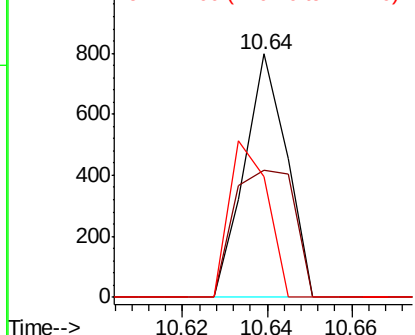
330 100

332 75.5 78.0 117.0#

141 58.0 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: 0.496 ng

RT: 9.16 min Scan# 1203

Delta R.T. -0.01 min

Lab File: BF117282.D

Acq: 1 Oct 2019 17:48

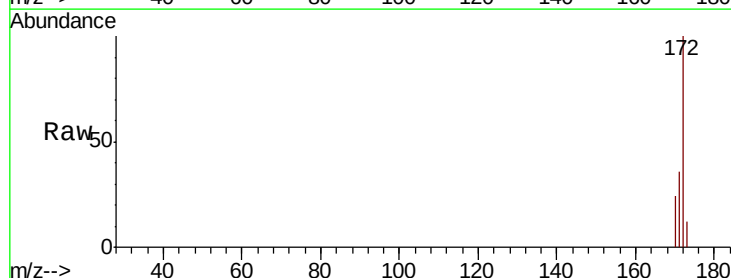
Tgt Ion:172 Resp: 3557

Ion Ratio Lower Upper

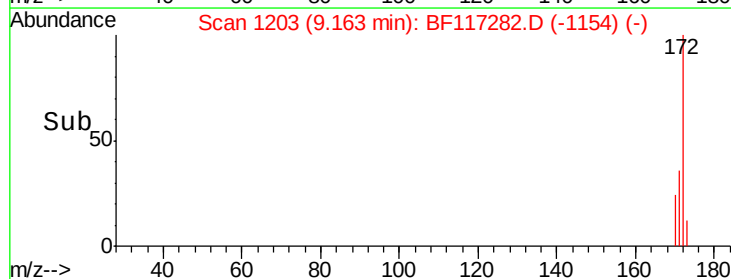
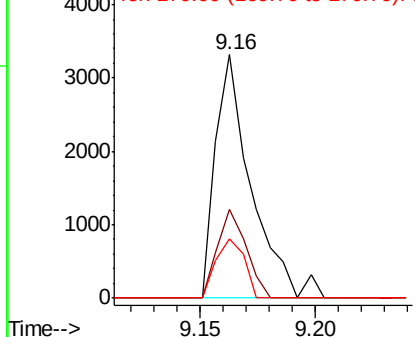
172 100

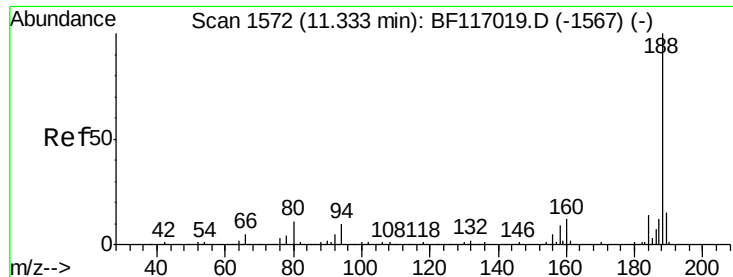
171 36.5 28.2 42.2

170 24.4 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

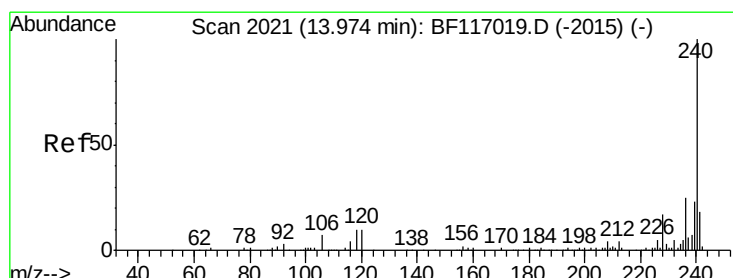
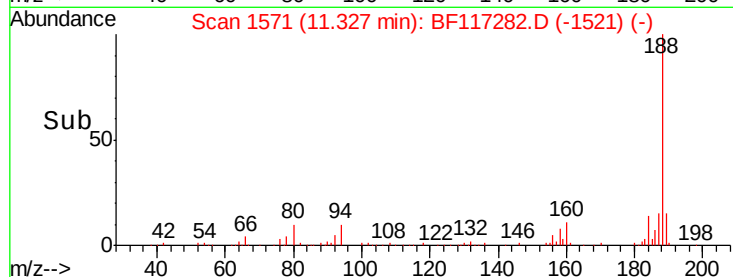
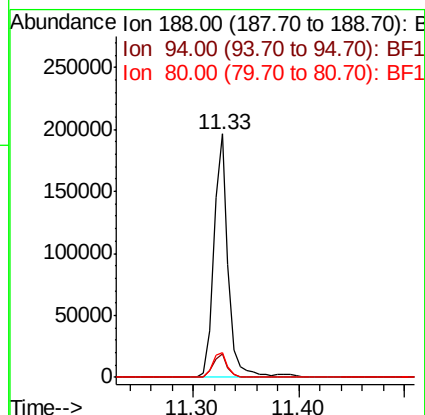
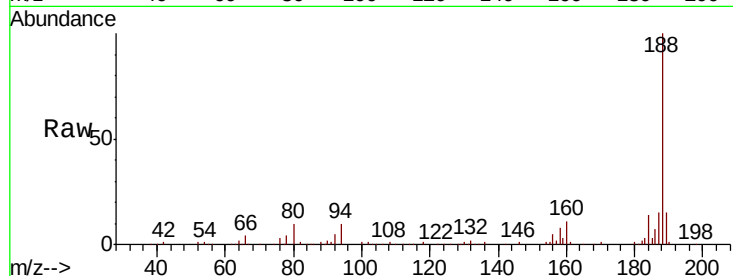




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BF117282.D
Acq: 1 Oct 2019 17:48

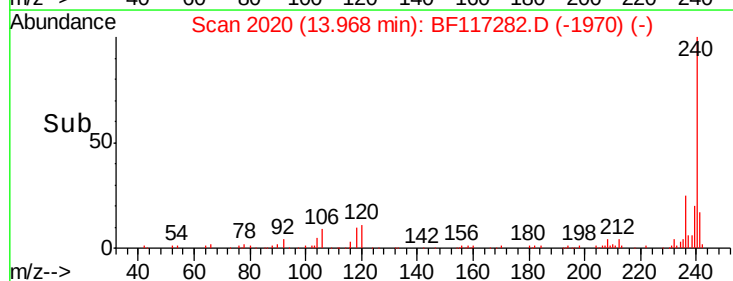
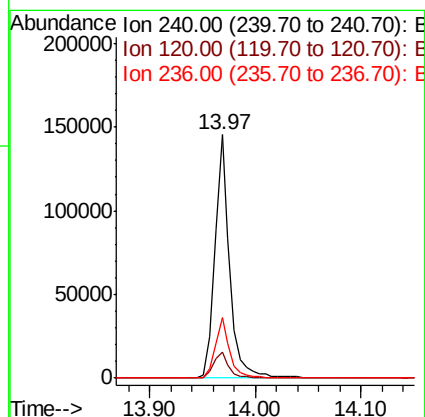
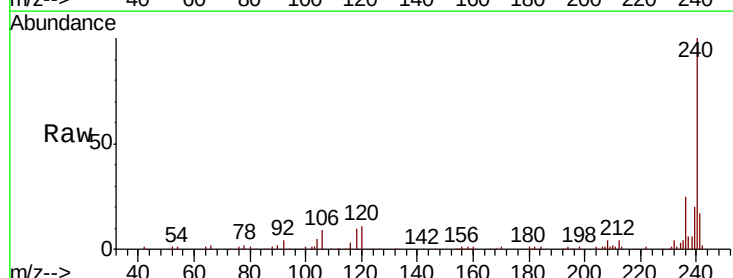
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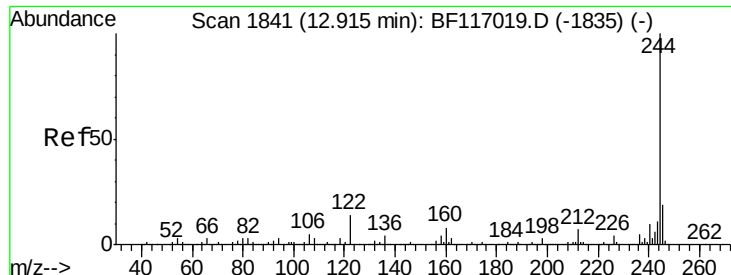
Tot Ion:188 Resp: 187822
Ion Ratio Lower Upper
188 100
94 9.5 8.2 12.2
80 10.1 9.0 13.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF117282.D
Acq: 1 Oct 2019 17:48

Tgt Ion:240 Resp: 143259
Ion Ratio Lower Upper
240 100
120 10.6 8.3 12.5
236 24.7 20.3 30.5

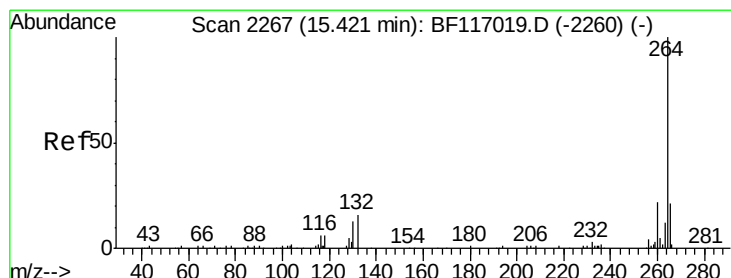
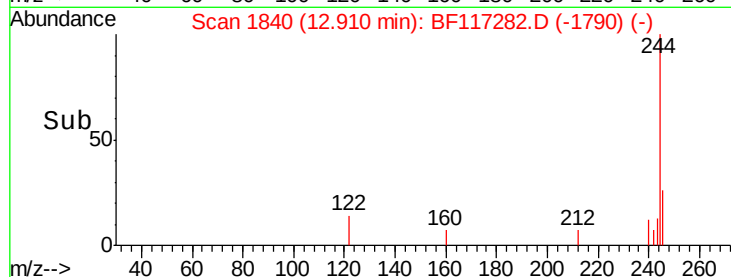
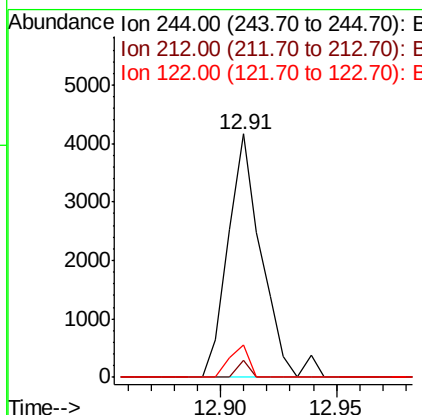
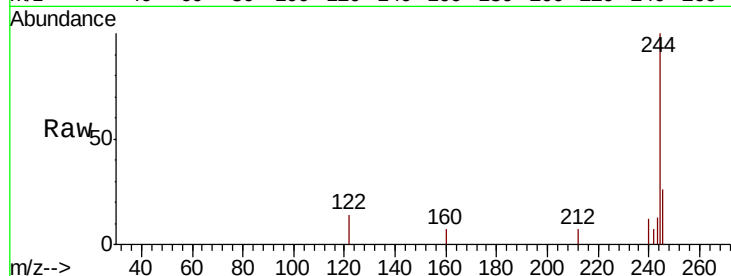




#79
 Terphenyl-d14
 Concen: 0.550 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. -0.01 min
 Lab File: BF117282.D
 Acq: 1 Oct 2019 17:48

Instrument :
 BNA_F
 ClientSampleId :
 QNWP8-MW26S-GWDL2

Tot Ion:244 Resp: 4218
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.8
 122 13.5 11.3 16.9



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.42 min Scan# 2267
 Delta R.T. -0.00 min
 Lab File: BF117282.D
 Acq: 1 Oct 2019 17:48

Tgt Ion:264 Resp: 124525
 Ion Ratio Lower Upper
 264 100
 260 21.6 17.6 26.4
 265 19.8 16.6 24.8

