

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072318\
 Data File : BF107594.D
 Acq On : 23 Jul 2018 17:58
 Operator : JU/SJ
 Sample : J4062-31
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-11

Quant Time: Jul 24 04:14:33 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF072018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 20 16:29:27 2018
 Response via : Initial Calibration

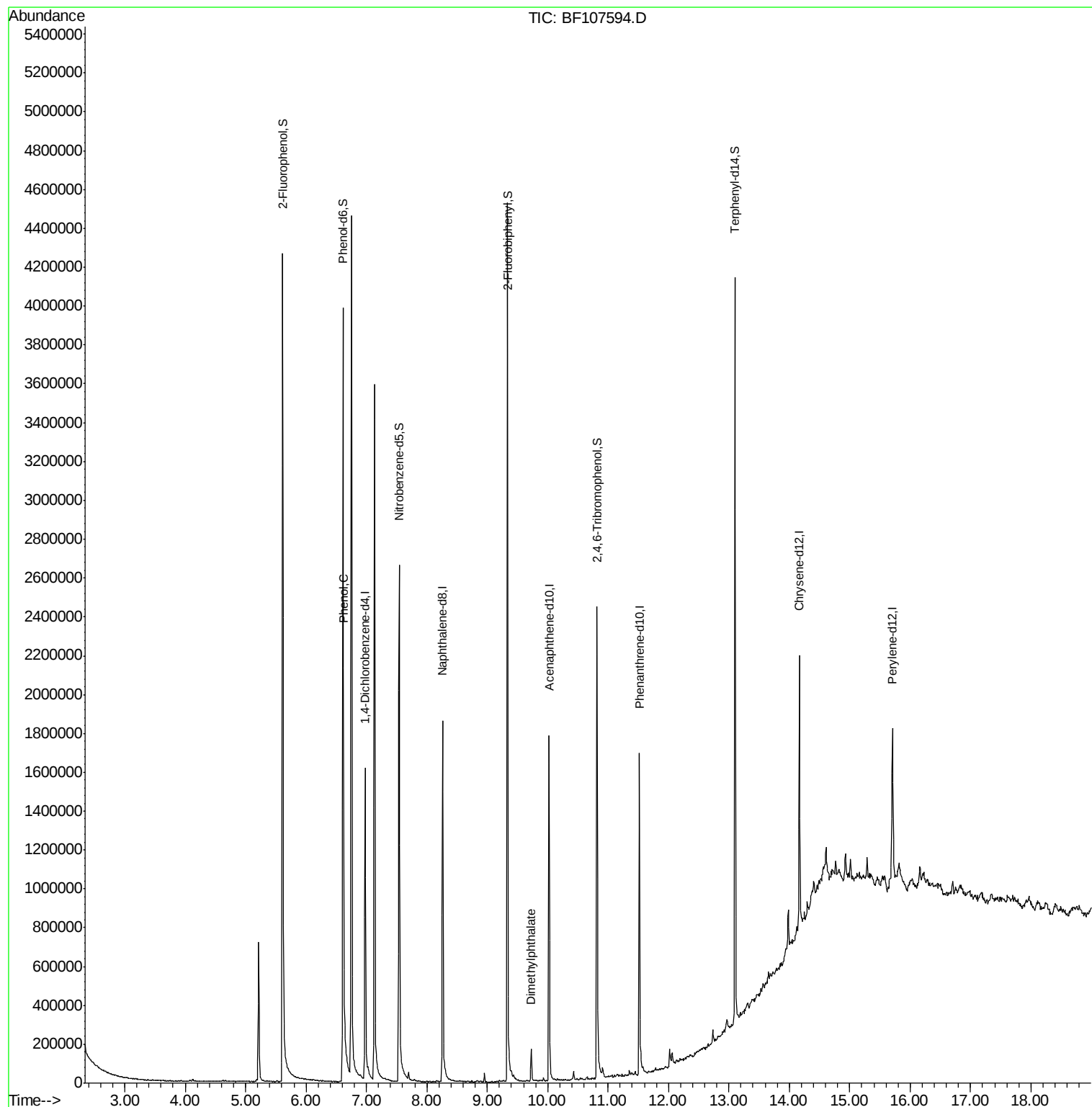
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	283809	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	1009080	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	387977	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	687450	20.00	ng	0.00
75) Chrysene-d12	14.17	240	523369	20.00	ng	0.00
86) Perylene-d12	15.71	264	407321	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	1414329	80.12	ng	0.00
7) Phenol-d6	6.61	99	1716831	81.00	ng	0.00
23) Nitrobenzene-d5	7.54	82	980951	65.61	ng	0.00
41) 2,4,6-Tribromophenol	10.82	330	367001	83.18	ng	0.00
44) 2-Fluorobiphenyl	9.34	172	1542862	63.35	ng	0.00
78) Terphenyl-d14	13.10	244	1340631	65.58	ng	0.00
Target Compounds						
10) Phenol	6.62	94	70103	2.812	ng	Qvalue # 75
49) Dimethylphthalate	9.72	163	74758	2.557	ng	99

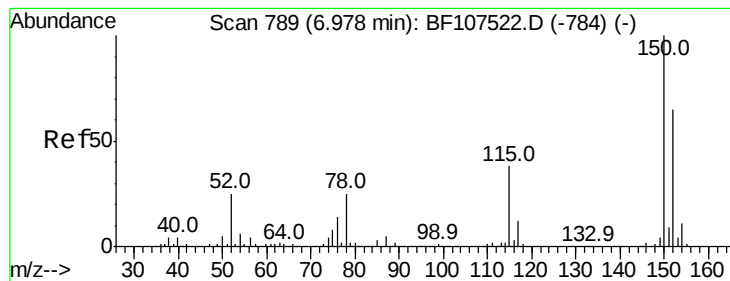
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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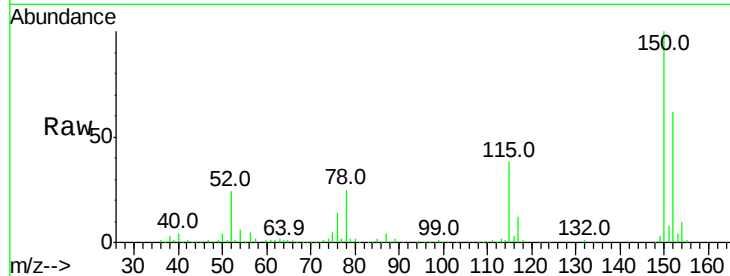


#1

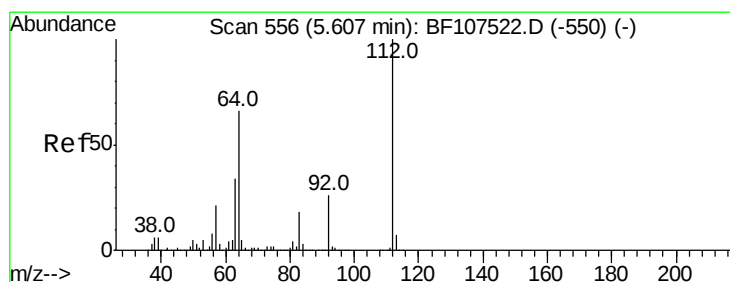
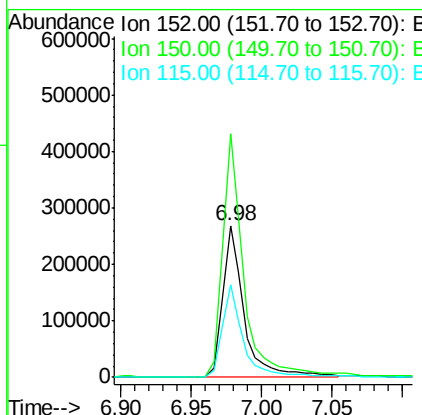
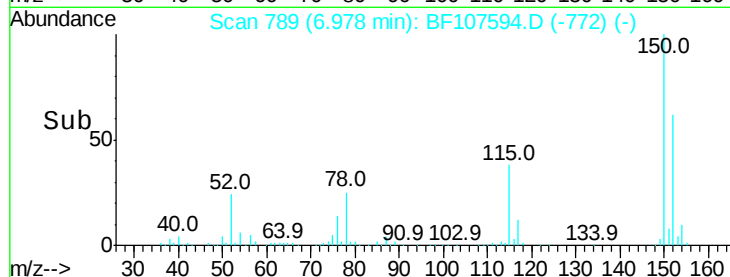
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.98 min Scan# 789
Delta R.T. 0.00 min
Lab File: BF107594.D
Acq: 23 Jul 2018 17:58

Instrument :
BNA_F
ClientSampled :
TP-11

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.3	124.6	186.8
115	60.8	50.1	75.1



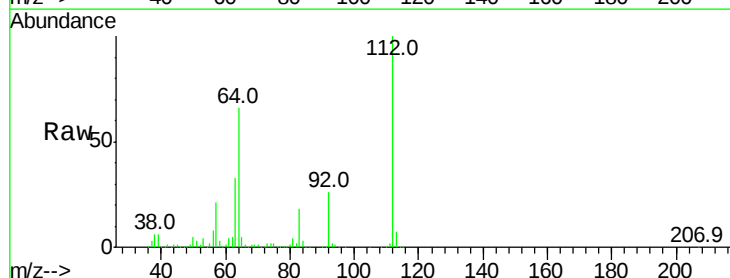
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



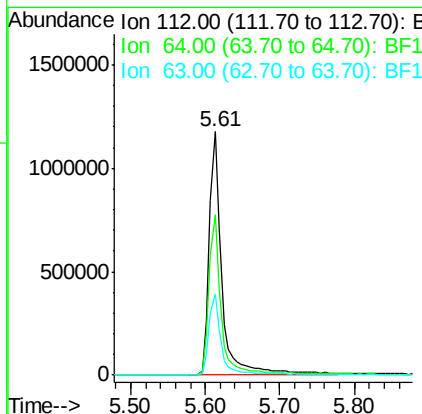
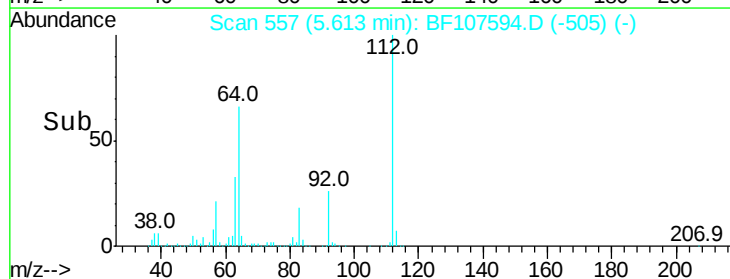
#5

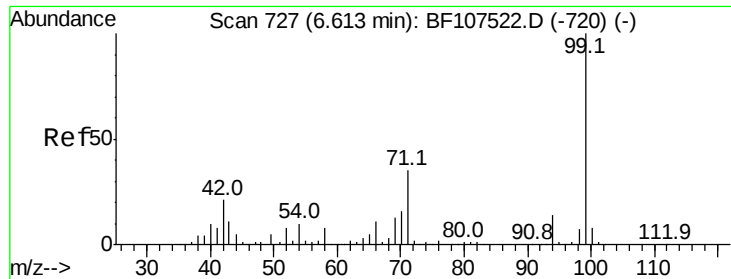
2-Fluorophenol
Concen: 80.123 ng
RT: 5.61 min Scan# 557
Delta R.T. 0.01 min
Lab File: BF107594.D
Acq: 23 Jul 2018 17:58

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.7	47.9	71.9
63	33.5	23.7	35.5



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: 81.000 ng

RT: 6.61 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF107594.D

Acq: 23 Jul 2018 17:58

Instrument :

BNA_F

ClientSampleId :

TP-11

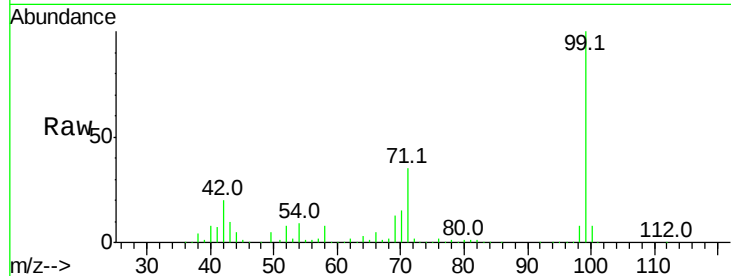
Tot Ion: 99 Resp: 1716831

Ion	Ratio	Lower	Upper
99	100		
42	19.6	14.5	21.7
71	35.3	25.4	38.0

99 100

42 19.6 14.5 21.7

71 35.3 25.4 38.0



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

6.61

1500000

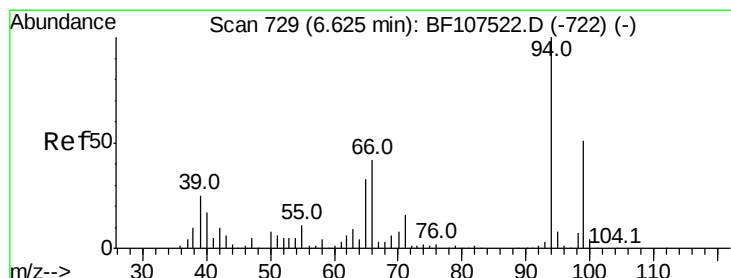
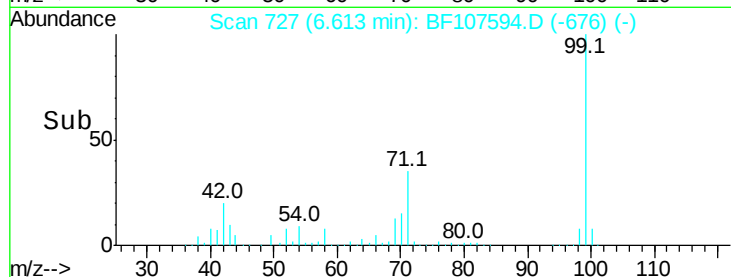
1000000

500000

0

Time-->

6.50 6.60 6.70 6.80



#10

Phenol

Concen: 2.812 ng

RT: 6.62 min Scan# 729

Delta R.T. 0.00 min

Lab File: BF107594.D

Acq: 23 Jul 2018 17:58

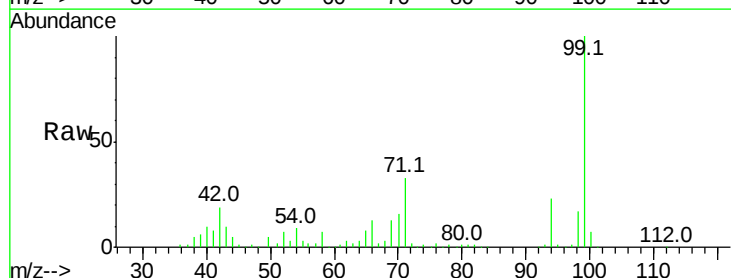
Tgt Ion: 94 Resp: 70103

Ion	Ratio	Lower	Upper
94	100		
65	33.6	7.9	47.9
66	57.9	16.2	56.2#

94 100

65 33.6 7.9 47.9

66 57.9 16.2 56.2#



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

6.62

400000

300000

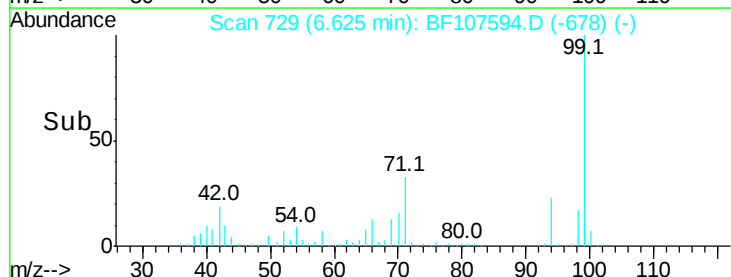
200000

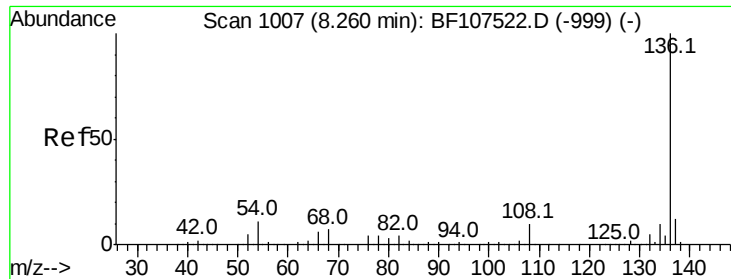
100000

0

Time-->

6.55 6.60 6.65 6.70 6.75

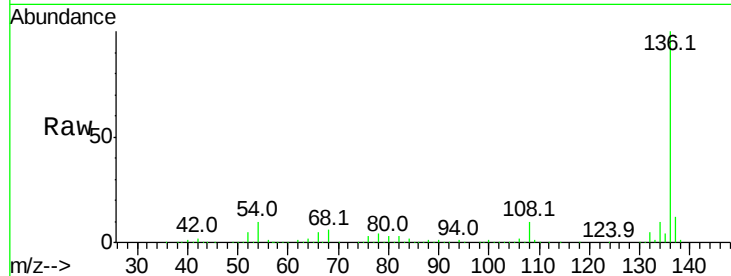




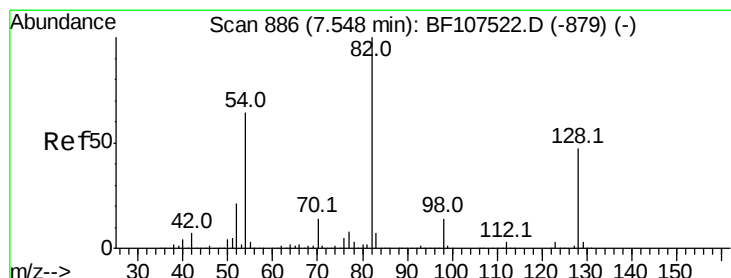
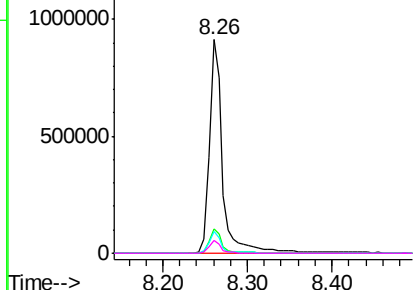
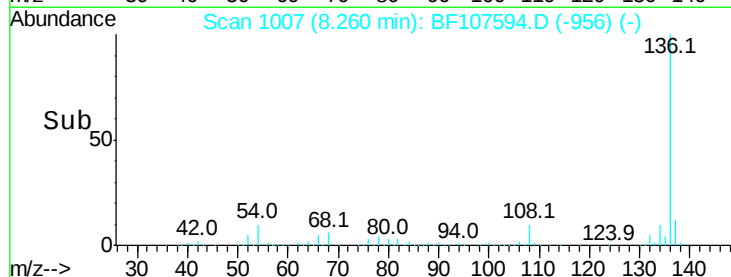
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.26 min Scan# 1007
Delta R.T. 0.00 min
Lab File: BF107594.D
Acq: 23 Jul 2018 17:58

Instrument :
BNA_F
ClientSampleId :
TP-11

Tot Ion:	136	Resp:	1009080
Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.9	13.3
54	10.4	6.6	9.8#
68	5.8	5.0	7.4

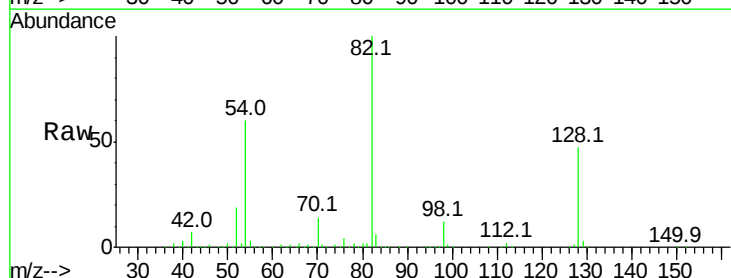


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

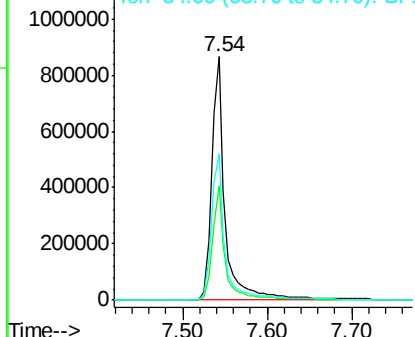
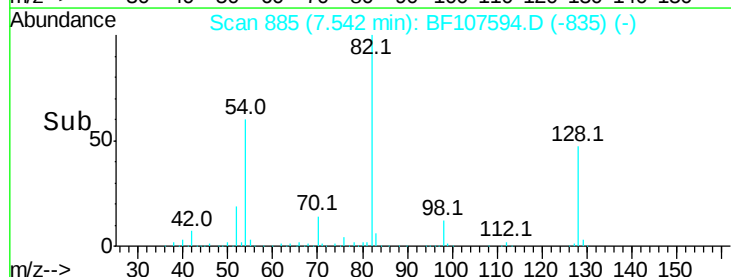


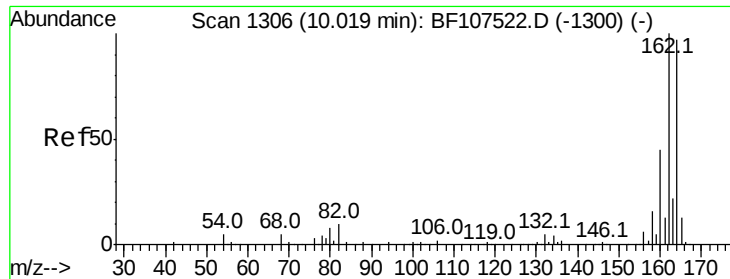
#23
Nitrobenzene-d5
Concen: 65.606 ng
RT: 7.54 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF107594.D
Acq: 23 Jul 2018 17:58

Tgt Ion:	82	Resp:	980951
Ion	Ratio	Lower	Upper
82	100		
128	47.1	36.1	54.1
54	59.9	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: 10.02 min Scan# 1307

Delta R.T. 0.01 min

Lab File: BF107594.D

Acq: 23 Jul 2018 17:58

Instrument :

BNA_F

ClientSampled :

TP-11

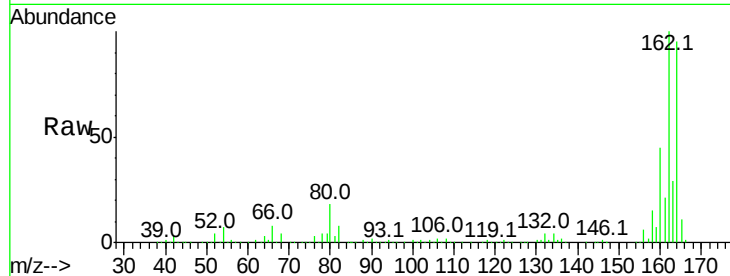
Tot Ion:164 Resp: 387977

Ion Ratio Lower Upper

164 100

162 105.2 86.1 129.1

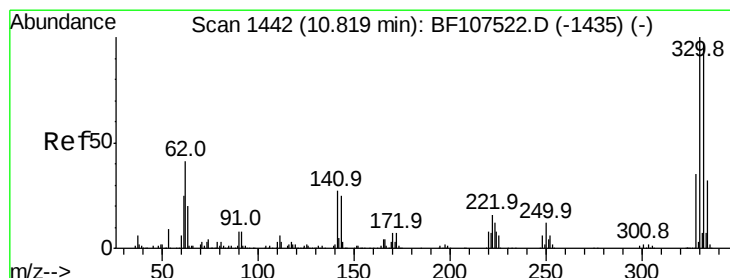
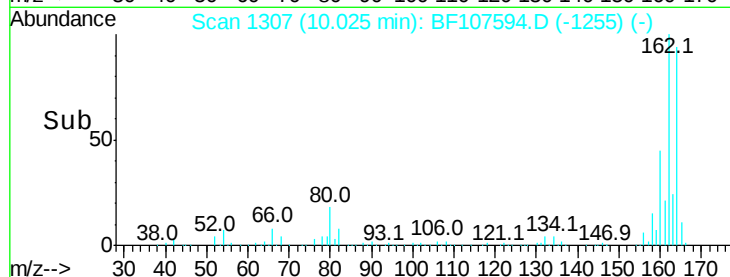
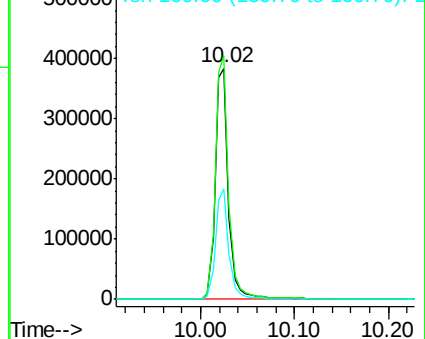
160 47.7 38.3 57.5



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: 83.184 ng

RT: 10.82 min Scan# 1442

Delta R.T. 0.00 min

Lab File: BF107594.D

Acq: 23 Jul 2018 17:58

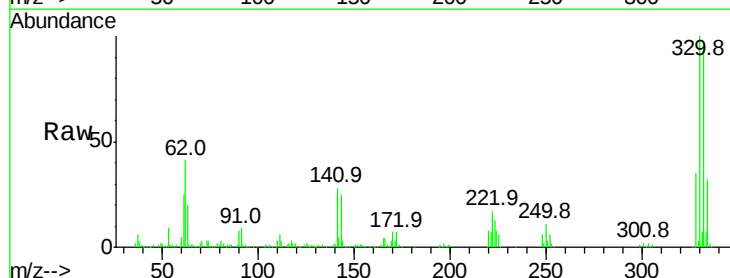
Tgt Ion:330 Resp: 367001

Ion Ratio Lower Upper

330 100

332 94.7 77.0 115.6

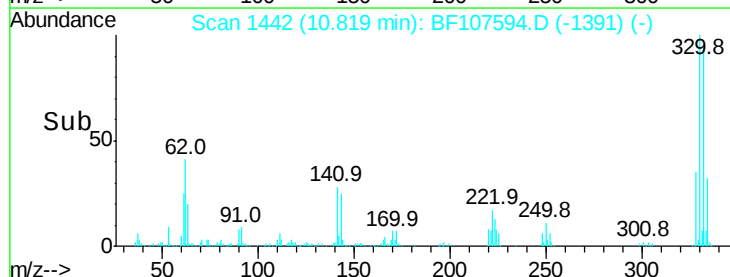
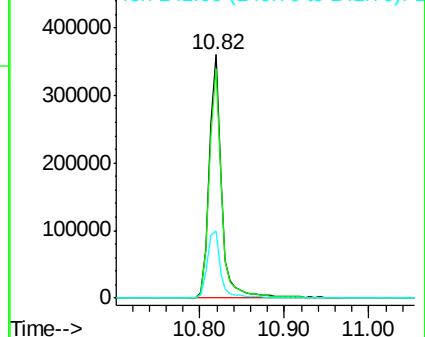
141 30.4 29.9 44.9

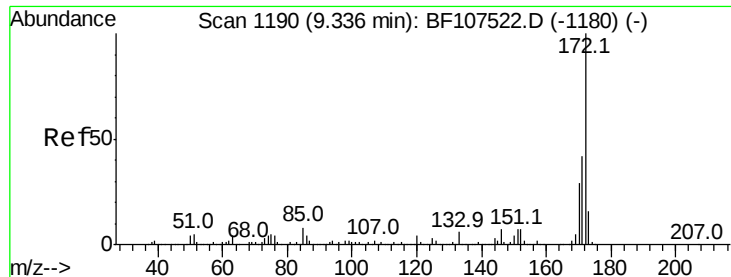


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 63.350 ng

RT: 9.34 min Scan# 1190

Delta R.T. 0.00 min

Lab File: BF107594.D

Acq: 23 Jul 2018 17:58

Instrument :

BNA_F

ClientSampleId :

TP-11

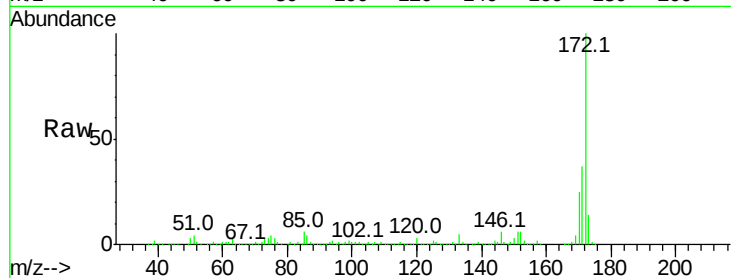
Tot Ion:172 Resp: 1542862

Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.7	44.5
170	24.9	19.6	29.4

172 100

171 36.7 29.7 44.5

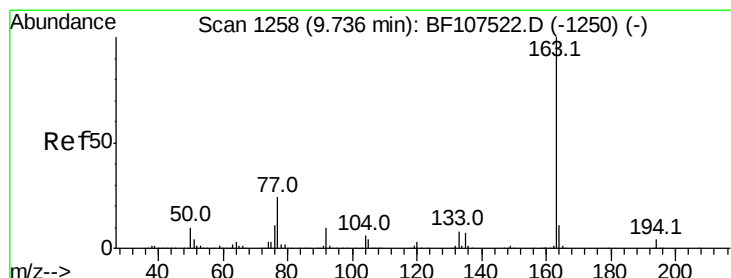
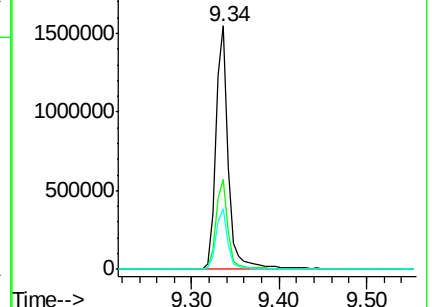
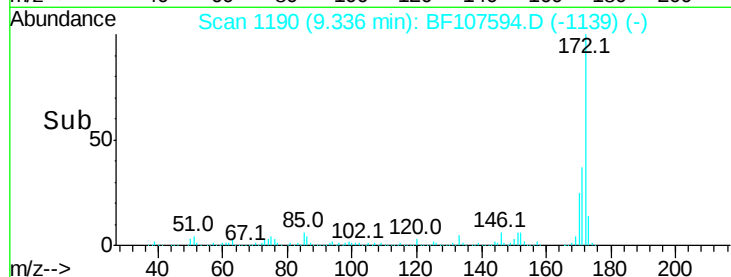
170 24.9 19.6 29.4



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: 2.557 ng

RT: 9.72 min Scan# 1256

Delta R.T. -0.01 min

Lab File: BF107594.D

Acq: 23 Jul 2018 17:58

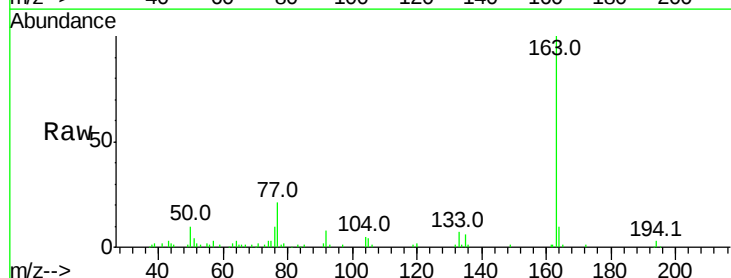
Tgt Ion:163 Resp: 74758

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.7	4.1
164	9.7	8.2	12.2

163 100

194 3.4 2.7 4.1

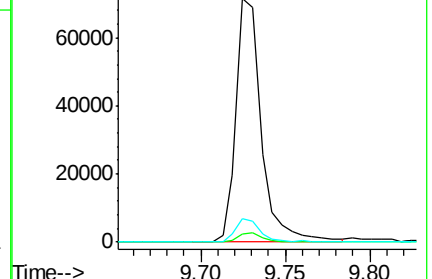
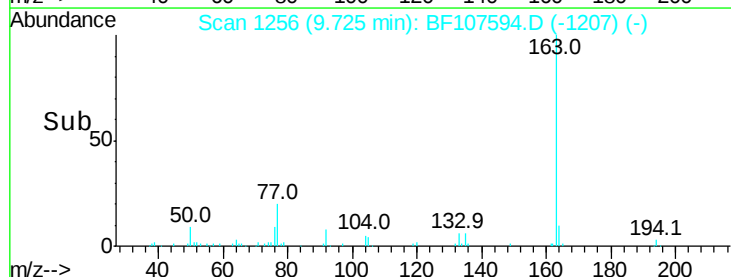
164 9.7 8.2 12.2

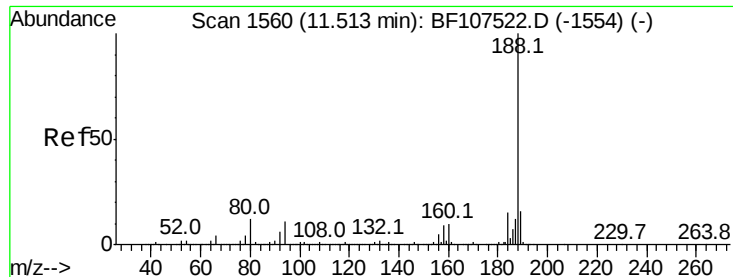


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

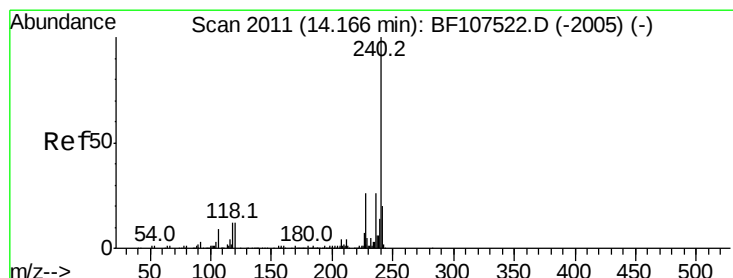
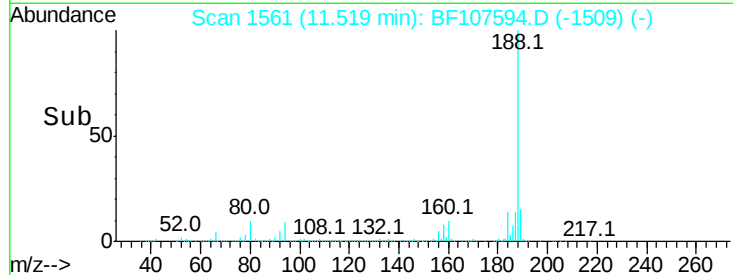
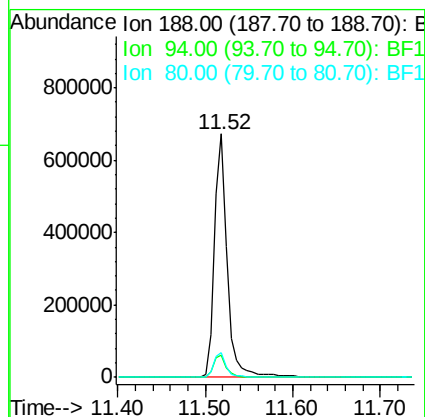
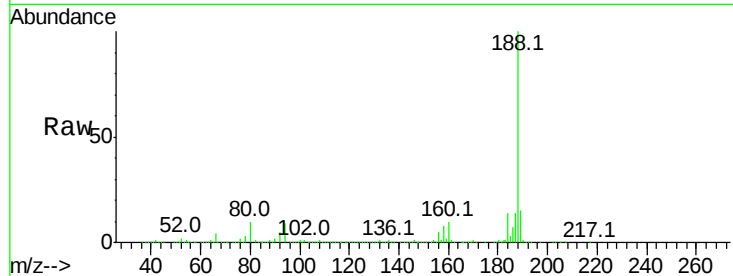




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.52 min Scan# 1561
Delta R.T. 0.01 min
Lab File: BF107594.D
Acq: 23 Jul 2018 17:58

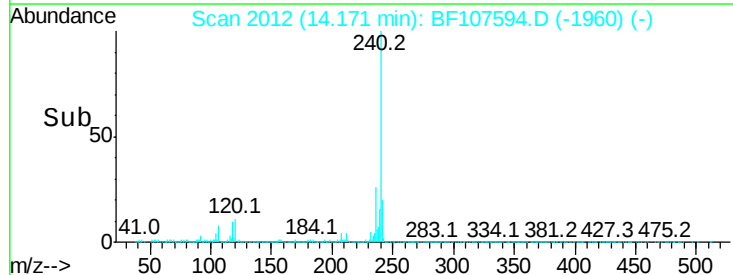
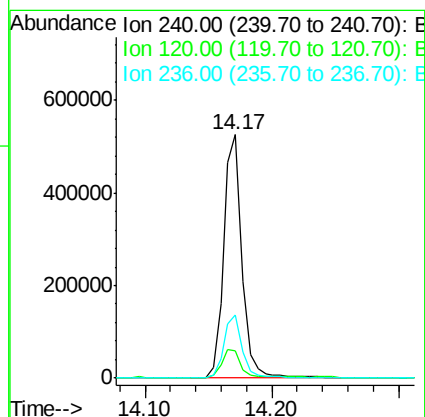
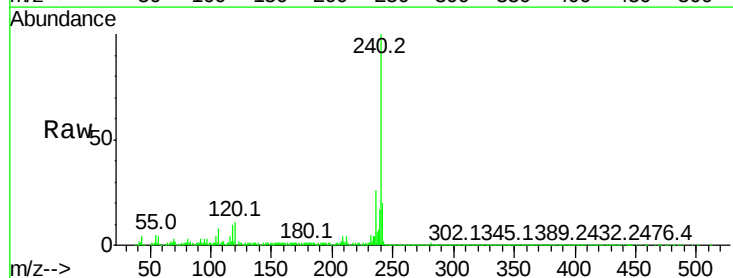
Instrument :
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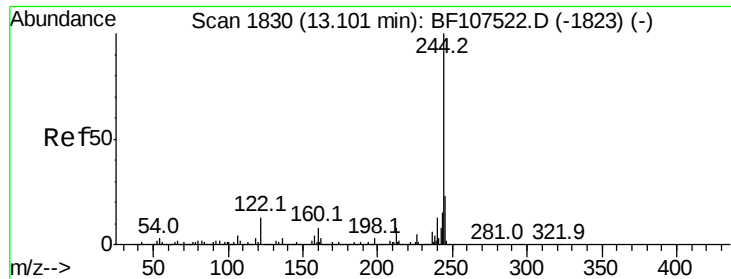
Tot Ion:188 Resp: 687450
Ion Ratio Lower Upper
188 100
94 9.3 8.5 12.7
80 10.3 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.17 min Scan# 2012
Delta R.T. 0.01 min
Lab File: BF107594.D
Acq: 23 Jul 2018 17:58

Tgt Ion:240 Resp: 523369
Ion Ratio Lower Upper
240 100
120 11.0 9.5 14.3
236 26.2 20.7 31.1

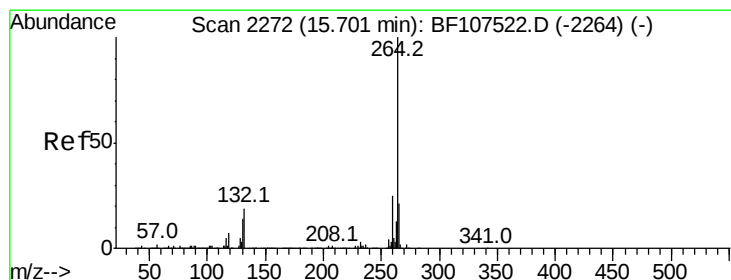
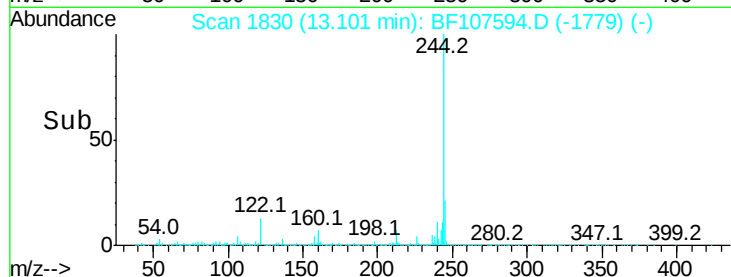
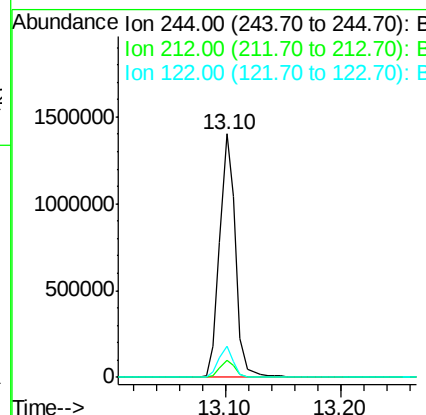
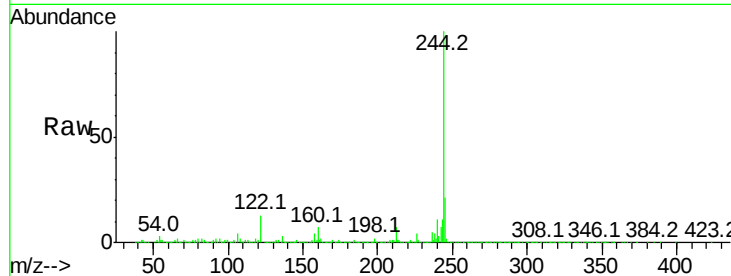




#78
 Terphenyl-d14
 Concen: 65.578 ng
 RT: 13.10 min Scan# 1830
 Delta R.T. 0.00 min
 Lab File: BF107594.D
 Acq: 23 Jul 2018 17:58

Instrument :
 BNA_F
 ClientSampleId :
 TP-11

Tot Ion:244 Resp: 1340631
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.0
 122 12.7 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.71 min Scan# 2274
 Delta R.T. 0.01 min
 Lab File: BF107594.D
 Acq: 23 Jul 2018 17:58

Tgt Ion:264 Resp: 407321
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.2 28.8
 265 21.9 17.5 26.3

