

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032918\
 Data File : BF104067.D
 Acq On : 29 Mar 2018 22:26
 Operator : JU/SJ
 Sample : J1761-03 5X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 30 03:55:18 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 28 13:41:47 2018
 Response via : Initial Calibration

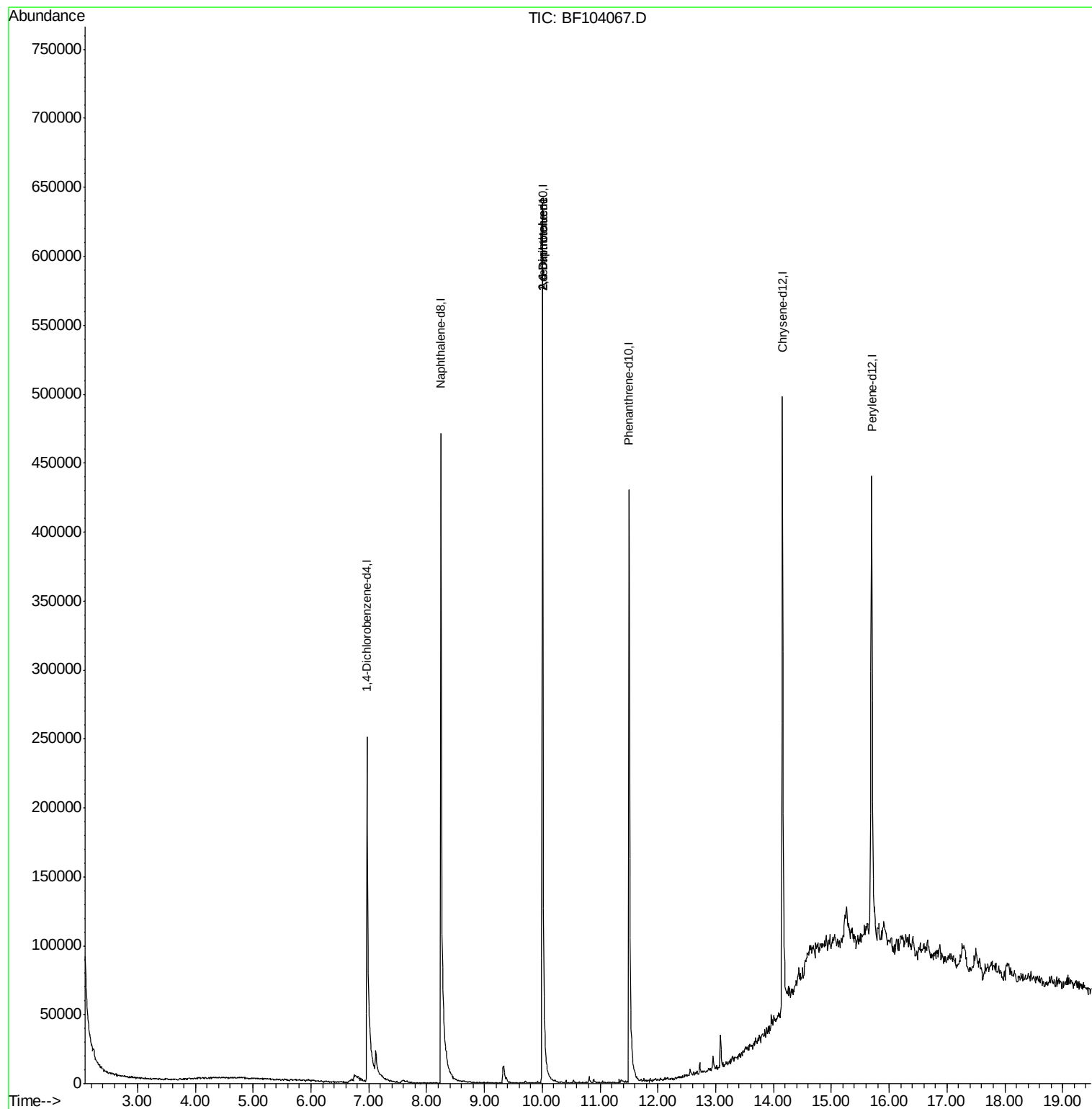
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	96432	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	441275	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	187250	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	283777	20.00	ng	0.00
75) Chrysene-d12	14.16	240	216367	20.00	ng	0.00
86) Perylene-d12	15.70	264	214100	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	126	0.02	ng	0.09
7) Phenol-d6	6.68	99	2698	0.36	ng	0.08
23) Nitrobenzene-d5	7.60	82	3362	0.47	ng	0.06
41) 2,4,6-Tribromophenol	10.81	330	2295	1.10	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	18434	1.55	ng	0.00
78) Terphenyl-d14	13.09	244	14817	1.58	ng	0.00
Target Compounds						
50) 2,6-Dinitrotoluene	10.00	165	22230	6.989	ng	# 24
56) 2,4-Dinitrotoluene	10.00	165	22502	5.544	ng	# 21

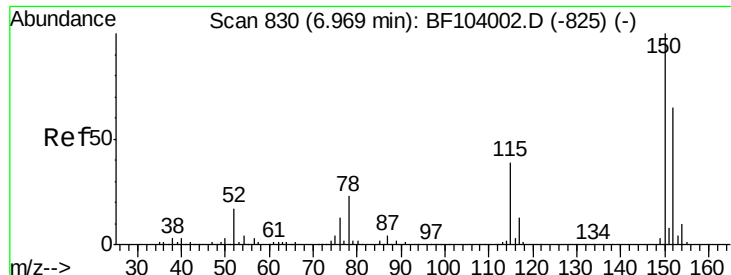
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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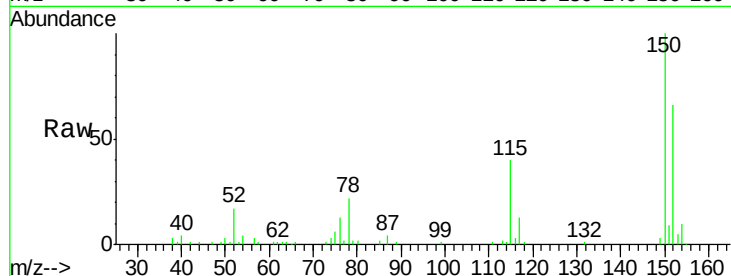


#1

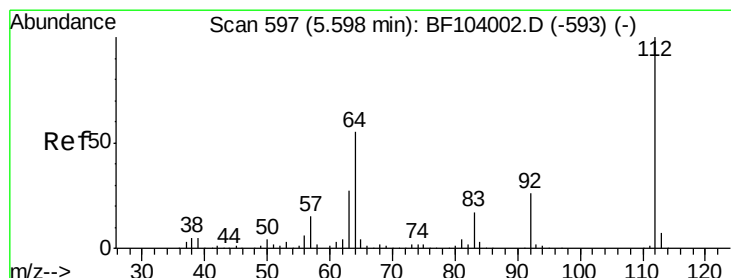
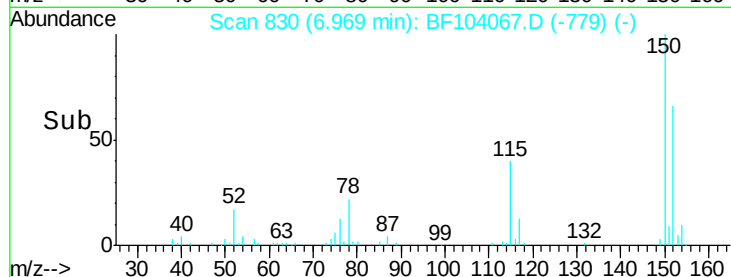
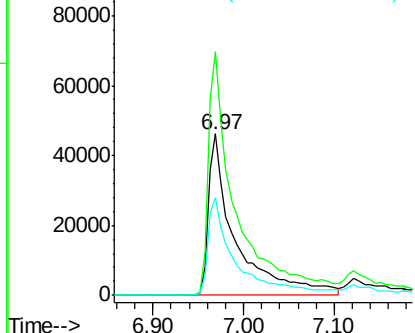
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.97 min Scan# 830
 Delta R.T. -0.00 min
 Lab File: BF104067.D
 Acq: 29 Mar 2018 22:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 96432
 Ion Ratio Lower Upper
 152 100
 150 151.1 124.6 186.8
 115 60.6 50.1 75.1



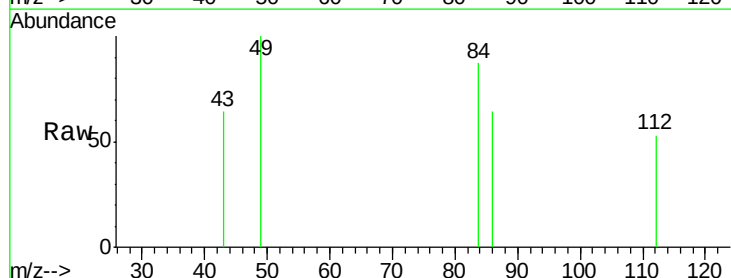
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



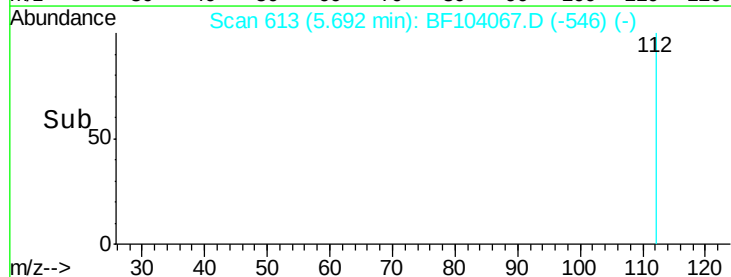
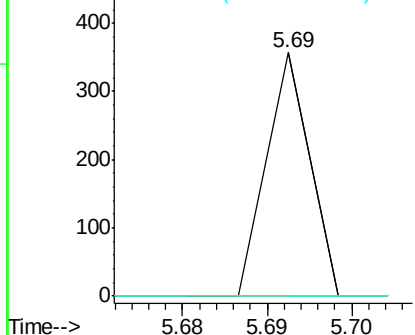
#5

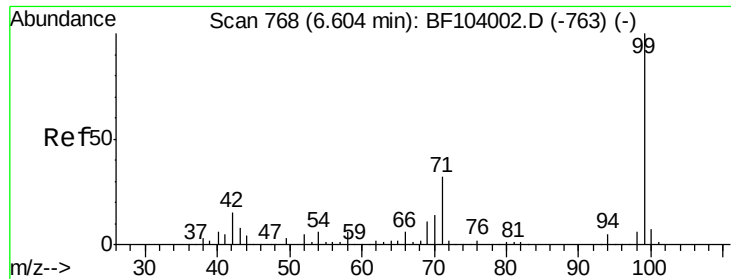
2-Fluorophenol
 Concen: 0.021 ng
 RT: 5.69 min Scan# 613
 Delta R.T. 0.09 min
 Lab File: BF104067.D
 Acq: 29 Mar 2018 22:26

Tgt Ion:112 Resp: 126
 Ion Ratio Lower Upper
 112 100
 64 0.0 47.9 71.9#
 63 0.0 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: 0.363 ng

RT: 6.68 min Scan# 781

Delta R.T. 0.08 min

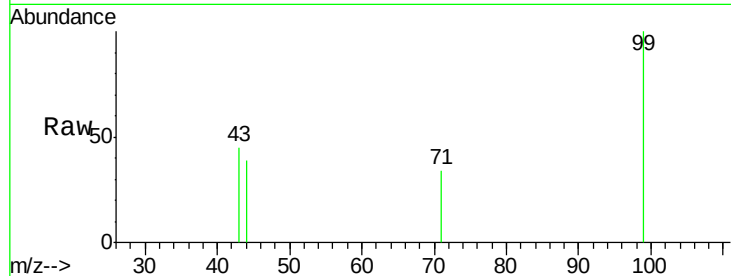
Lab File: BF104067.D

Acq: 29 Mar 2018 22:26

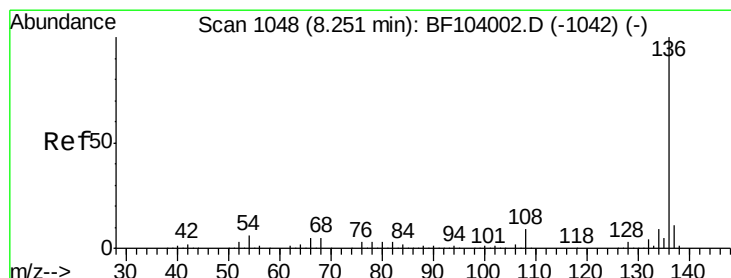
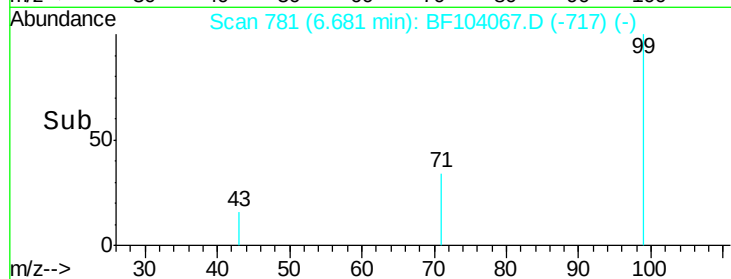
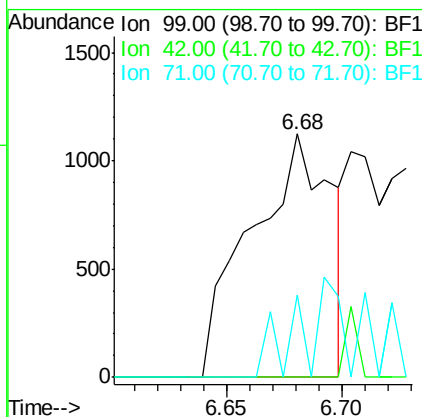
Instrument :

BNA_F

ClientSampled :



Tot Ion:	99	Resp:	2698
Ion	Ratio	Lower	Upper
99	100		
42	0.0	14.5	21.7#
71	33.7	25.4	38.0



#21

Naphthalene-d8

Concen: 20.000 ng

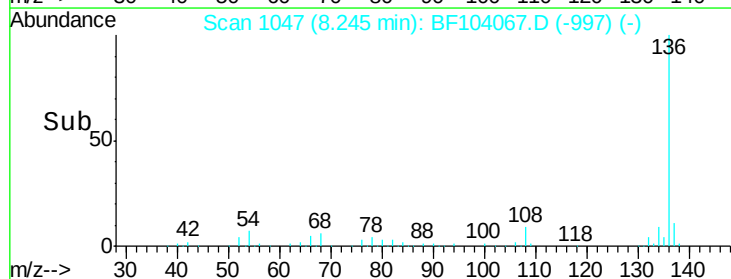
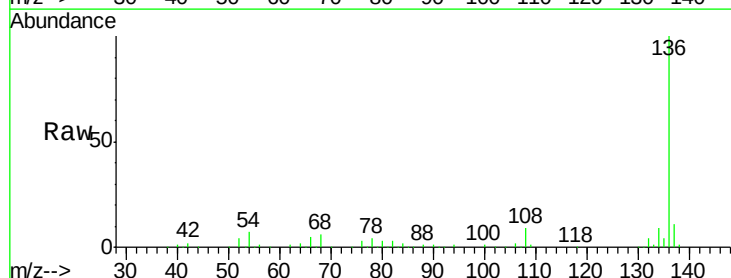
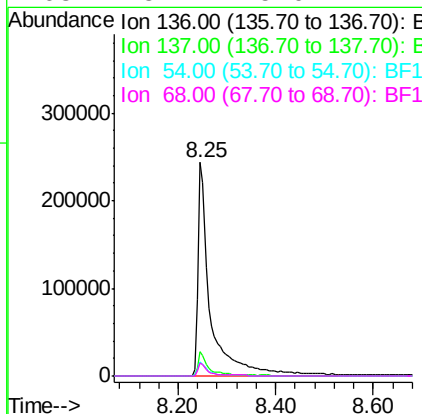
RT: 8.25 min Scan# 1047

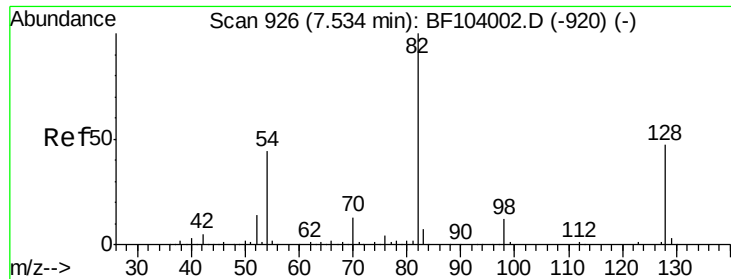
Delta R.T. -0.01 min

Lab File: BF104067.D

Acq: 29 Mar 2018 22:26

Tgt Ion:	136	Resp:	441275
Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.9	13.3
54	6.7	6.6	9.8
68	5.7	5.0	7.4

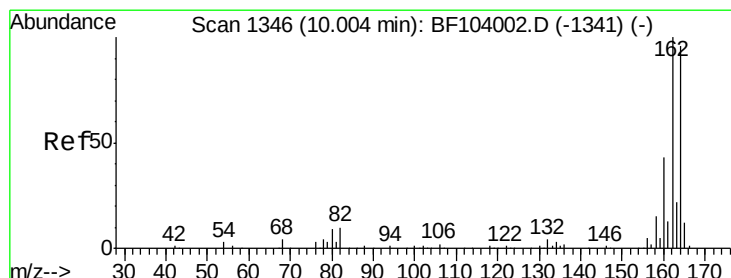
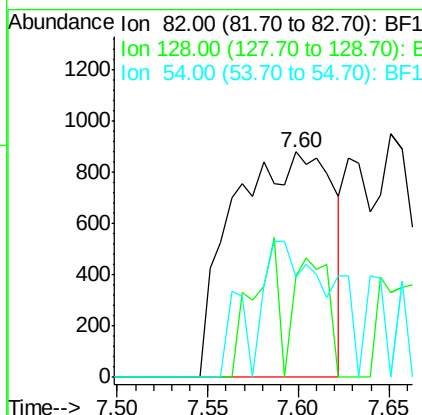
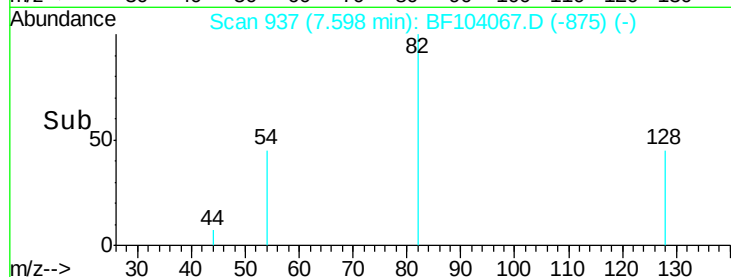
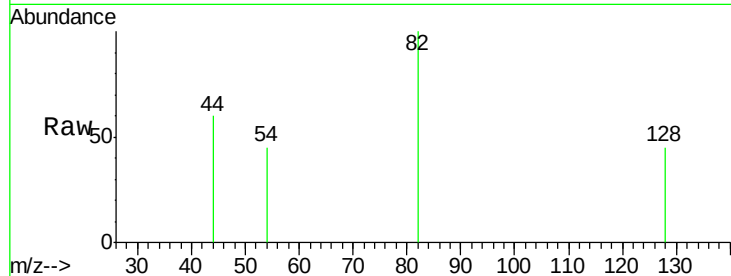




#23
Nitrobenzene-d5
Concen: 0.466 ng
RT: 7.60 min Scan# 937
Delta R.T. 0.06 min
Lab File: BF104067.D
Acq: 29 Mar 2018 22:26

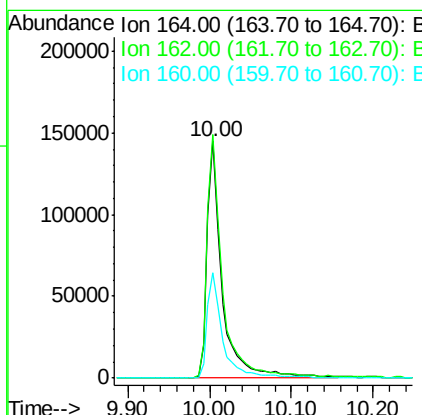
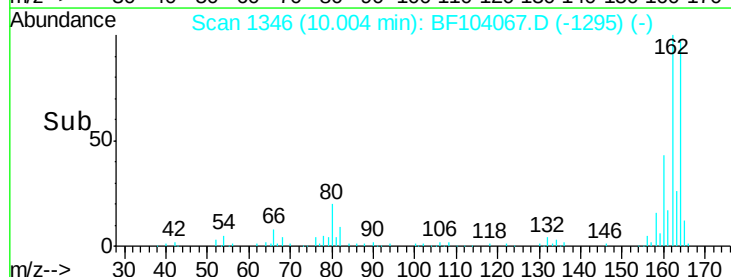
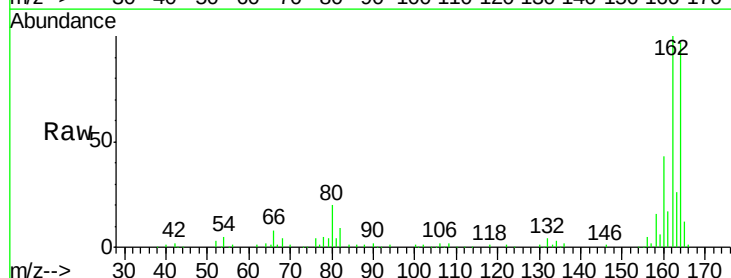
Instrument :
BNA_F
ClientSampled :

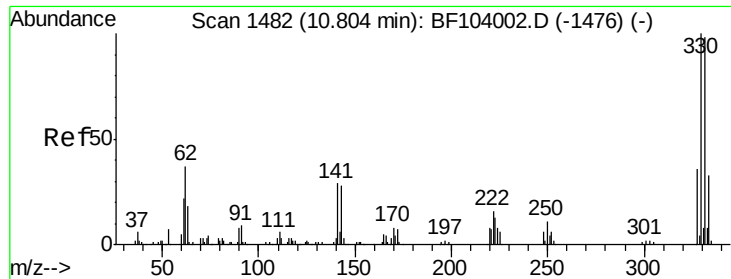
Tot Ion: 82 Resp: 3362
Ion Ratio Lower Upper
82 100
128 45.1 36.1 54.1
54 44.5 41.4 62.2



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1346
Delta R.T. -0.00 min
Lab File: BF104067.D
Acq: 29 Mar 2018 22:26

Tgt Ion:164 Resp: 187250
Ion Ratio Lower Upper
164 100
162 102.8 86.1 129.1
160 44.6 38.3 57.5

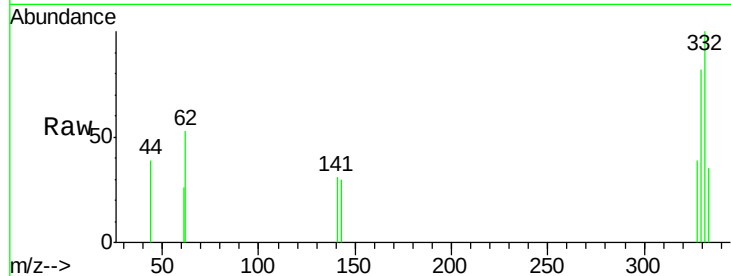




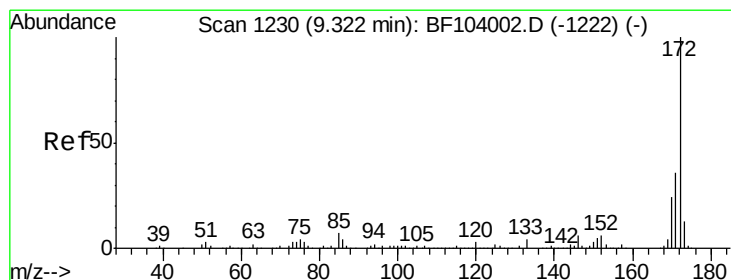
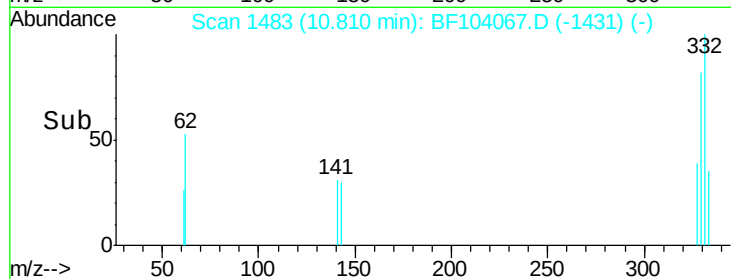
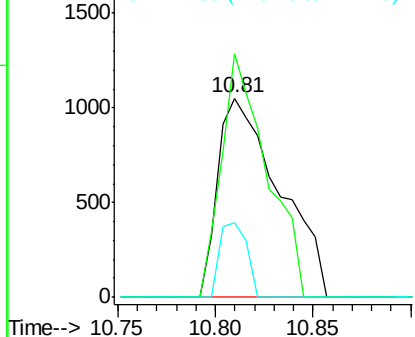
#41
 2,4,6-Tribromophenol
 Concen: 1.101 ng
 RT: 10.81 min Scan# 1483
 Delta R.T. 0.01 min
 Lab File: BF104067.D
 Acq: 29 Mar 2018 22:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 2295
 Ion Ratio Lower Upper
 330 100
 332 90.3 77.0 115.6
 141 16.4 29.9 44.9#

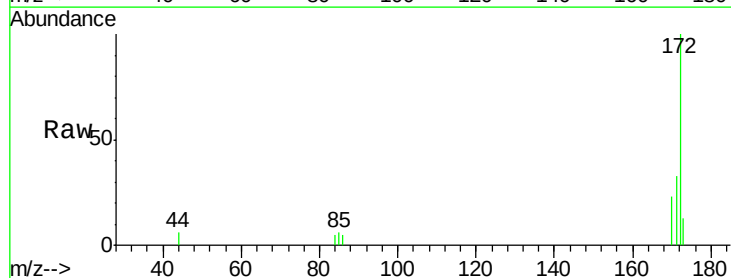


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

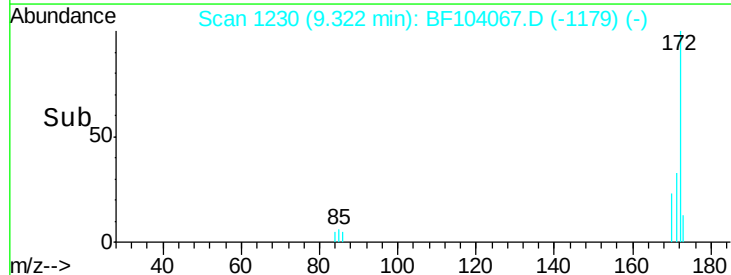
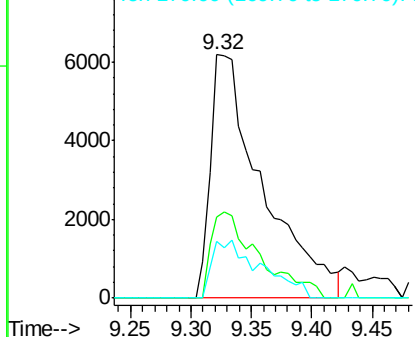


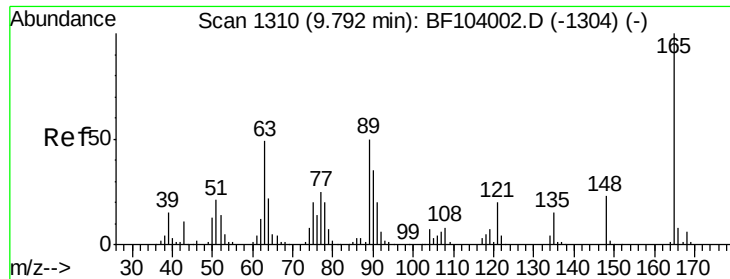
#44
 2-Fluorobiphenyl
 Concen: 1.552 ng
 RT: 9.32 min Scan# 1230
 Delta R.T. -0.00 min
 Lab File: BF104067.D
 Acq: 29 Mar 2018 22:26

Tgt Ion:172 Resp: 18434
 Ion Ratio Lower Upper
 172 100
 171 33.2 29.7 44.5
 170 23.2 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

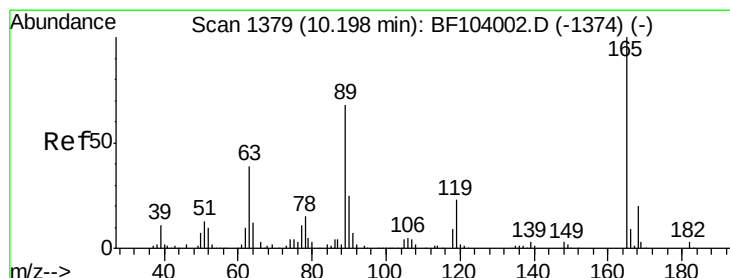
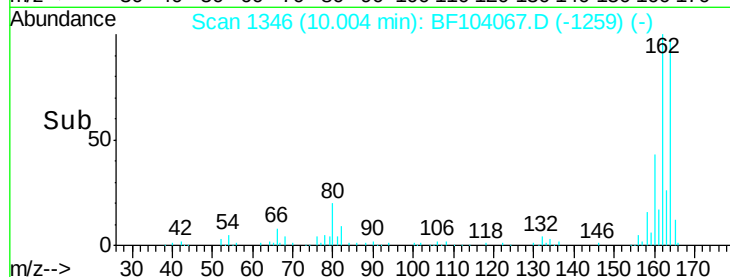
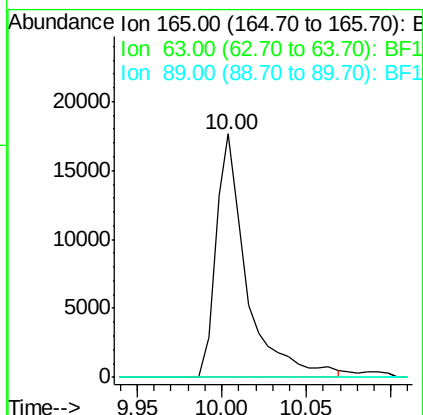
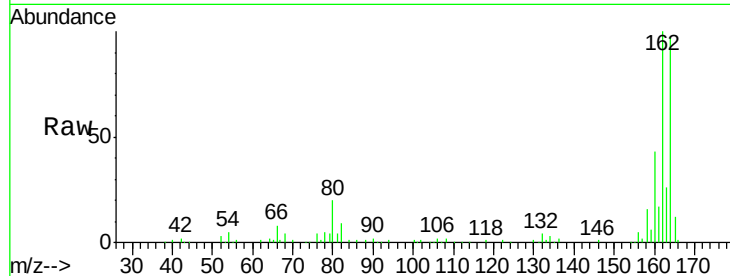




#50
 2,6-Dinitrotoluene
 Concen: 6.989 ng
 RT: 10.00 min Scan# 1346
 Delta R.T. 0.21 min
 Lab File: BF104067.D
 Acq: 29 Mar 2018 22:26

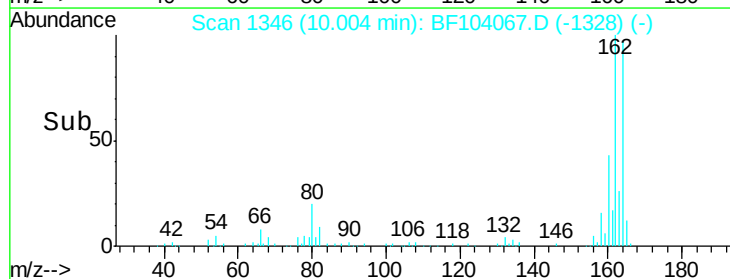
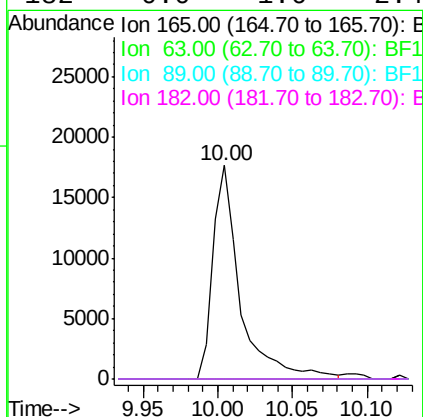
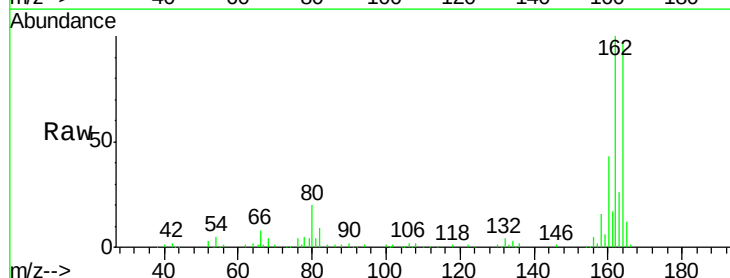
Instrument :
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 ClientSampleId :

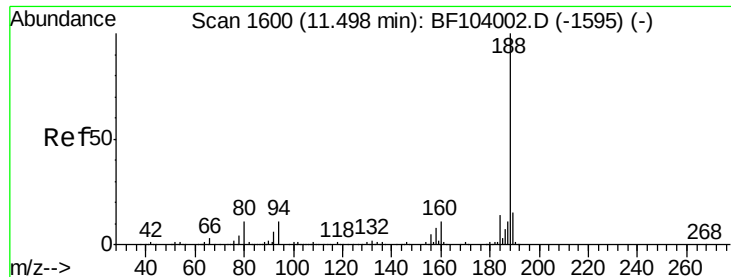
Tot Ion:165 Resp: 22230
 Ion Ratio Lower Upper
 165 100
 63 0.0 44.7 67.1#
 89 0.0 44.0 66.0#



#56
 2,4-Dinitrotoluene
 Concen: 5.544 ng
 RT: 10.00 min Scan# 1346
 Delta R.T. -0.19 min
 Lab File: BF104067.D
 Acq: 29 Mar 2018 22:26

Tgt Ion:165 Resp: 22502
 Ion Ratio Lower Upper
 165 100
 63 0.0 36.4 54.6#
 89 0.0 57.8 86.6#
 182 0.0 1.6 2.4#

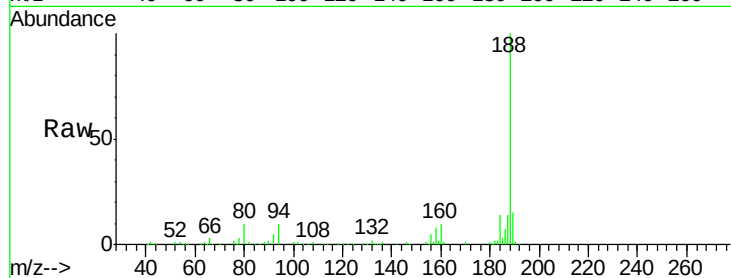




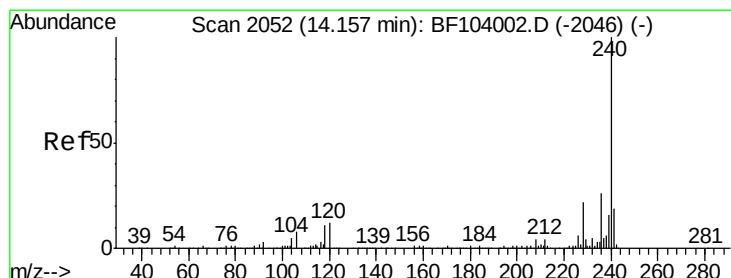
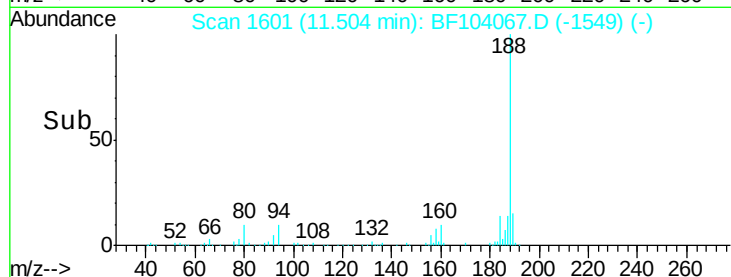
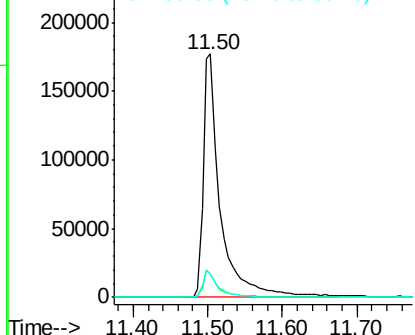
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. 0.01 min
Lab File: BF104067.D
Acq: 29 Mar 2018 22:26

Instrument :
BNA_F
ClientSampled :

Tot Ion:188 Resp: 283777
Ion Ratio Lower Upper
188 100
94 9.5 8.5 12.7
80 9.7 9.2 13.8

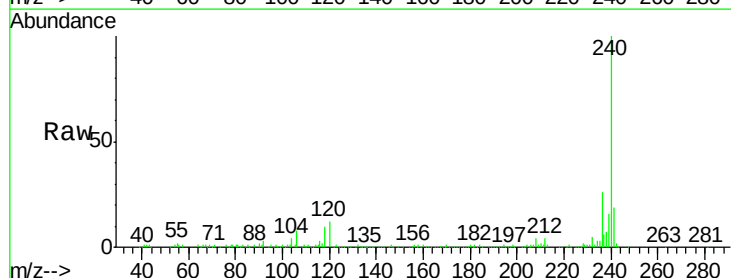


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

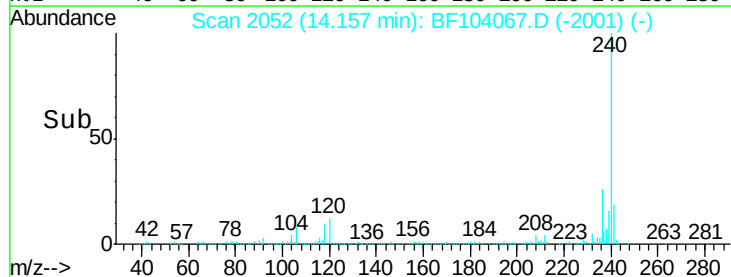
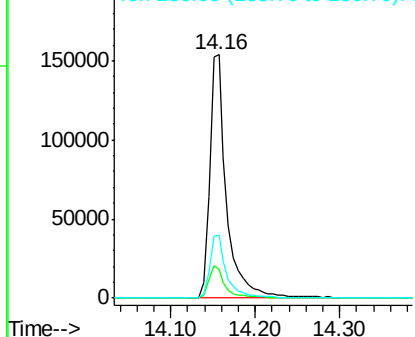


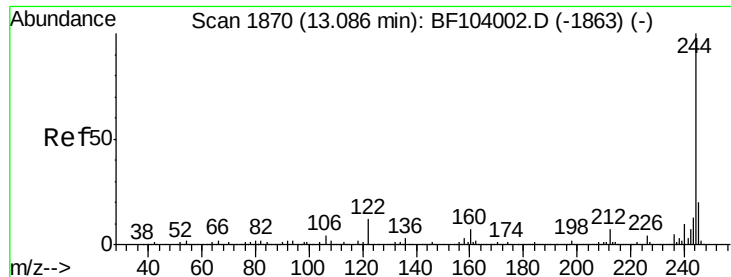
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.16 min Scan# 2052
Delta R.T. -0.00 min
Lab File: BF104067.D
Acq: 29 Mar 2018 22:26

Tgt Ion:240 Resp: 216367
Ion Ratio Lower Upper
240 100
120 11.7 9.5 14.3
236 25.9 20.7 31.1



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

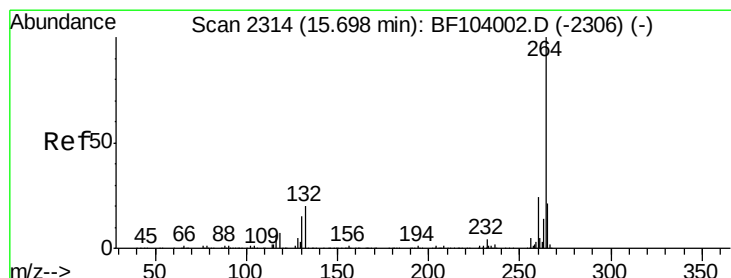
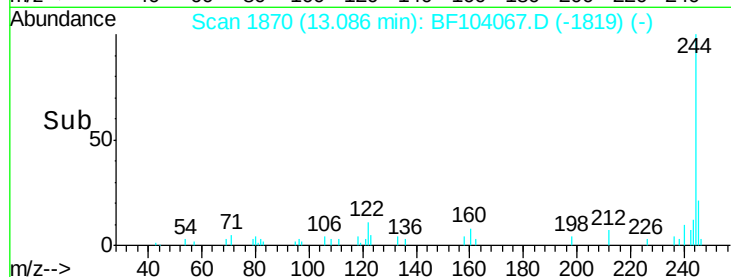
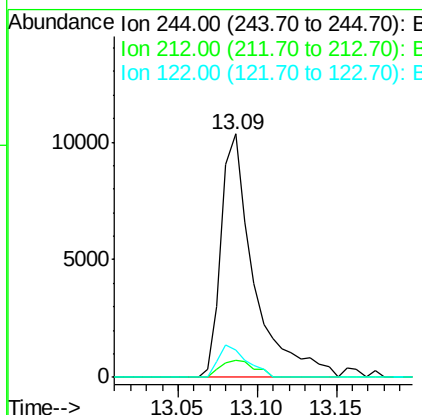
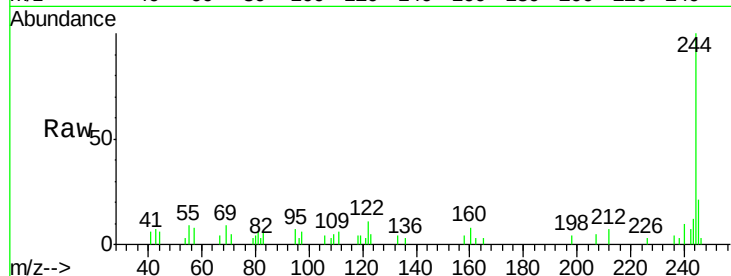




#78
 Terphenyl-d14
 Concen: 1.581 ng
 RT: 13.09 min Scan# 1870
 Delta R.T. -0.00 min
 Lab File: BF104067.D
 Acq: 29 Mar 2018 22:26

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 14817
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.0
 122 11.0 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.70 min Scan# 2314
 Delta R.T. -0.00 min
 Lab File: BF104067.D
 Acq: 29 Mar 2018 22:26

Tgt Ion:264 Resp: 214100
 Ion Ratio Lower Upper
 264 100
 260 24.9 19.2 28.8
 265 22.0 17.5 26.3

