

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072718\
 Data File : BF107776.D
 Acq On : 28 Jul 2018 5:36
 Operator : JU/SJ
 Sample : J4199-01
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-33

Quant Time: Jul 30 02:13:42 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

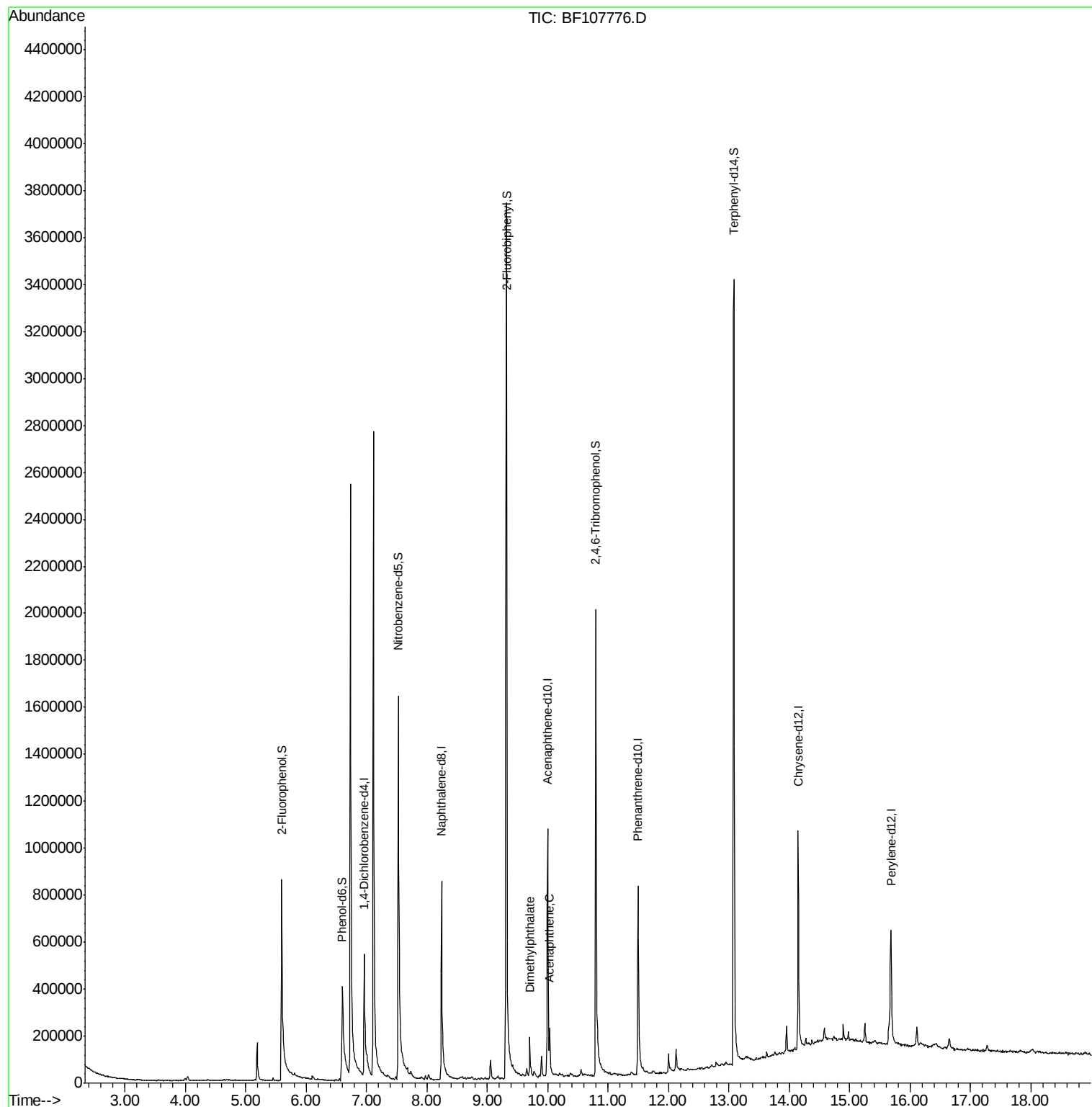
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	150341	20.00	ng	-0.02
21) Naphthalene-d8	8.24	136	597724	20.00	ng	-0.02
38) Acenaphthene-d10	10.00	164	240482	20.00	ng	-0.02
63) Phenanthrene-d10	11.50	188	412296	20.00	ng	-0.02
75) Chrysene-d12	14.15	240	424280	20.00	ng	-0.02
86) Perylene-d12	15.68	264	340495	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	434566	46.47	ng	-0.01
7) Phenol-d6	6.60	99	375580	33.45	ng	-0.01
23) Nitrobenzene-d5	7.53	82	939809	106.11	ng	-0.02
41) 2,4,6-Tribromophenol	10.80	330	368081	134.60	ng	-0.02
44) 2-Fluorobiphenyl	9.32	172	1696355	147.63	ng	-0.02
78) Terphenyl-d14	13.08	244	1481412	89.39	ng	-0.02
Target Compounds						
49) Dimethylphthalate	9.71	163	82546	4.554	ng	99
51) Acenaphthene	10.03	154	44164	2.930	ng	96

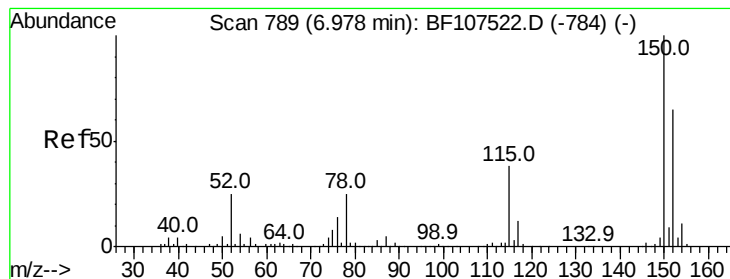
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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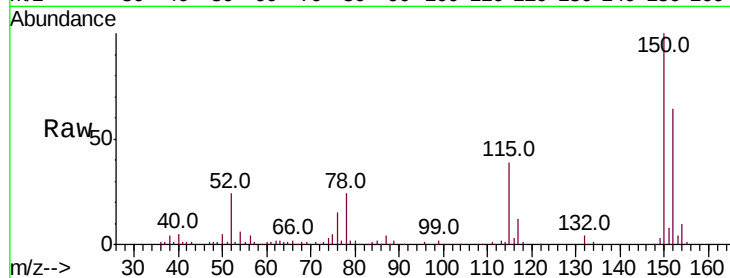


#1

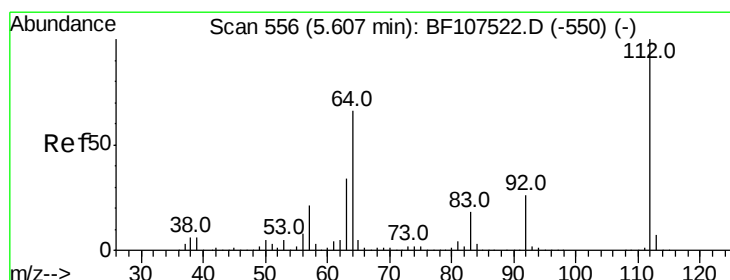
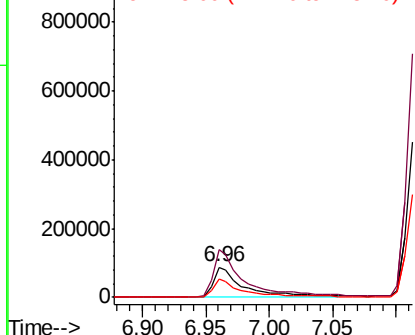
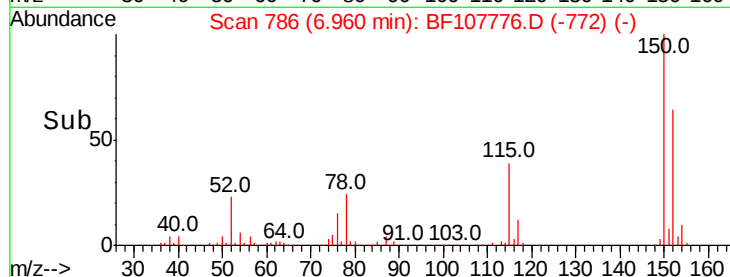
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. -0.02 min
Lab File: BF107776.D
Acq: 28 Jul 2018 5:36

Instrument :
BNA_F
ClientSampleId :
MW-33

Tot Ion:152 Resp: 150341
Ion Ratio Lower Upper
152 100
150 156.6 124.6 186.8
115 60.5 50.1 75.1



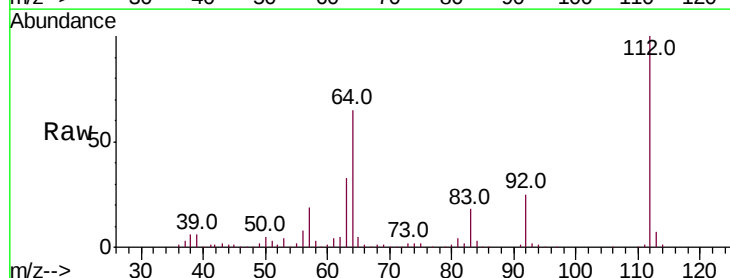
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



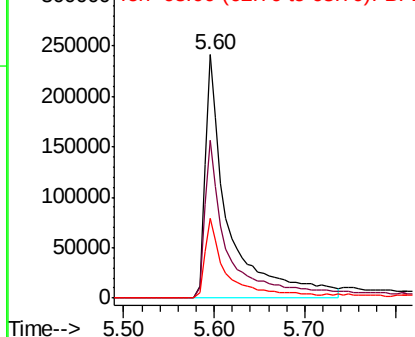
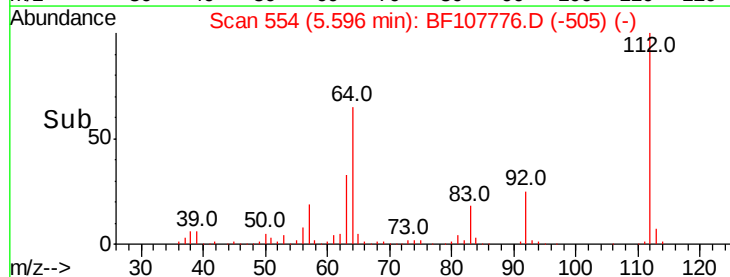
#5

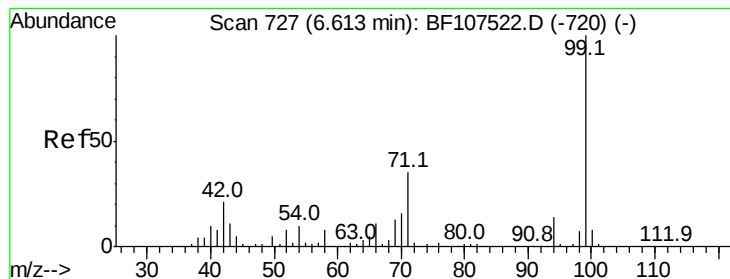
2-Fluorophenol
Concen: 46.474 ng
RT: 5.60 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF107776.D
Acq: 28 Jul 2018 5:36

Tgt Ion:112 Resp: 434566
Ion Ratio Lower Upper
112 100
64 64.7 47.9 71.9
63 32.6 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: 33.451 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF107776.D

Acq: 28 Jul 2018 5:36

Instrument :

BNA_F

ClientSampleId :

MW-33

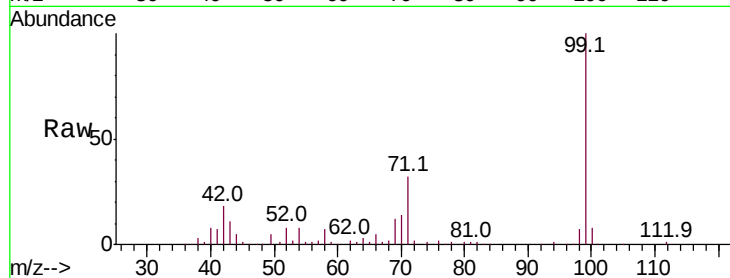
Tot Ion: 99 Resp: 375580

Ion Ratio Lower Upper

99 100

42 18.1 14.5 21.7

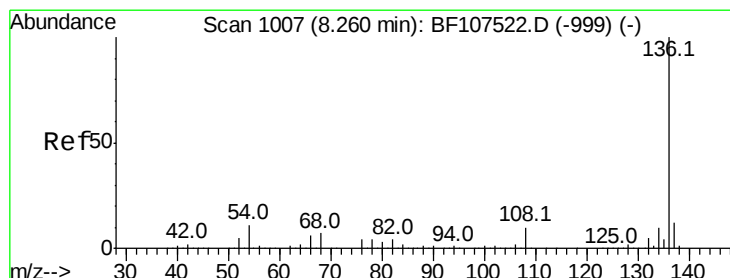
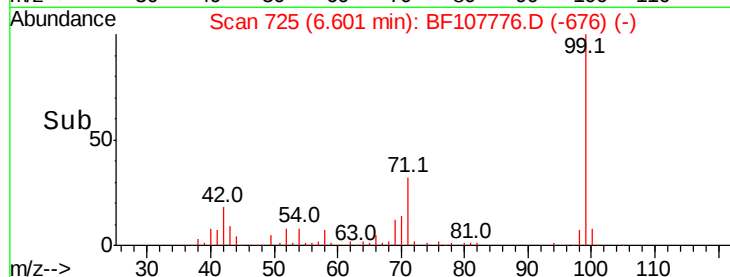
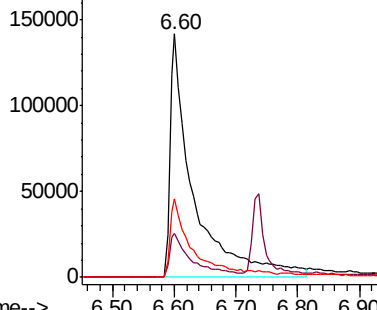
71 32.5 25.4 38.0



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.24 min Scan# 1004

Delta R.T. -0.02 min

Lab File: BF107776.D

Acq: 28 Jul 2018 5:36

Tgt Ion: 136 Resp: 597724

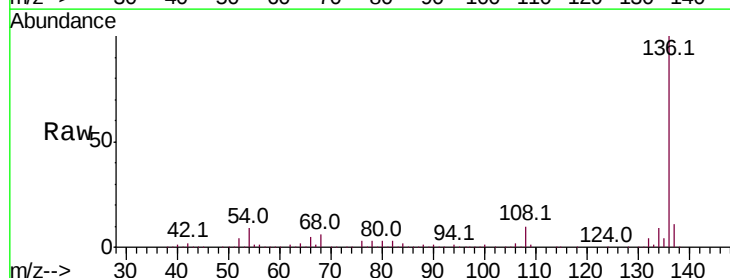
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 9.2 6.6 9.8

68 5.8 5.0 7.4

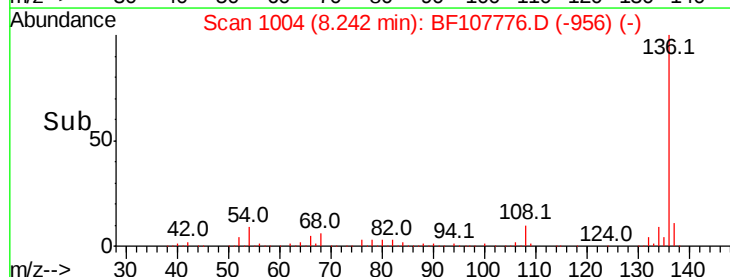
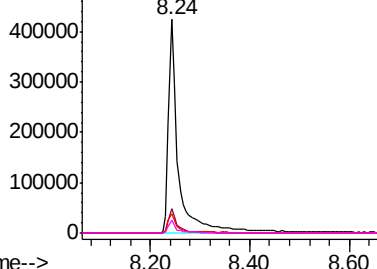


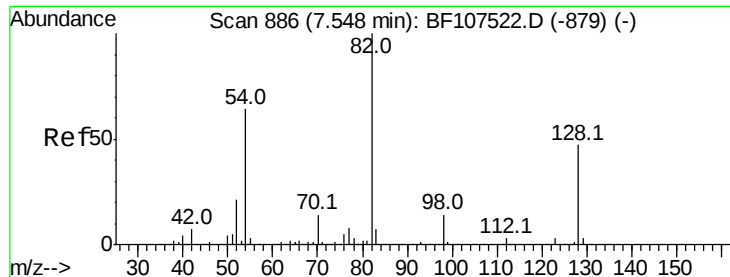
Abundance Ion 136.00 (135.70 to 136.70): E

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

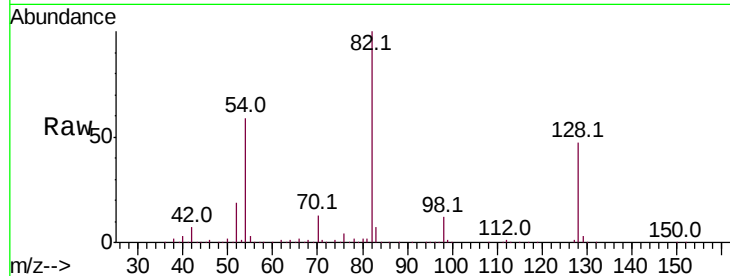




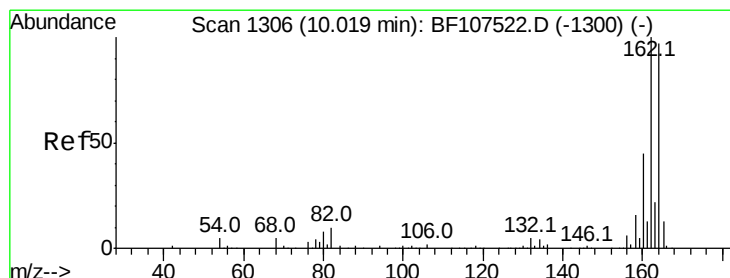
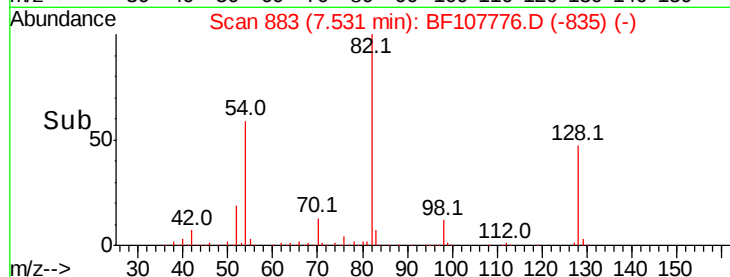
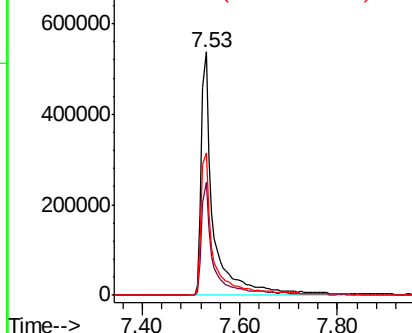
#23
 Nitrobenzene-d5
 Concen: 106.112 ng
 RT: 7.53 min Scan# 883
 Delta R.T. -0.02 min
 Lab File: BF107776.D
 Acq: 28 Jul 2018 5:36

Instrument :
 BNA_F
 ClientSampleId :
 MW-33

Tot Ion: 82 Resp: 939809
 Ion Ratio Lower Upper
 82 100
 128 46.6 36.1 54.1
 54 58.7 41.4 62.2

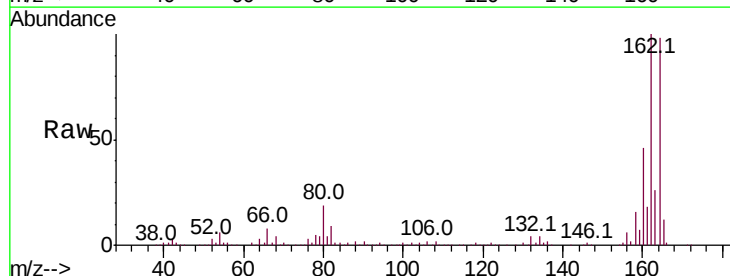


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

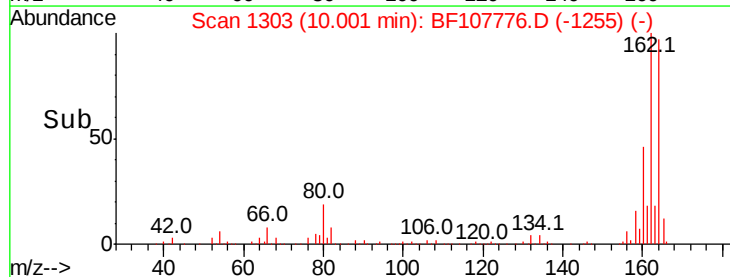
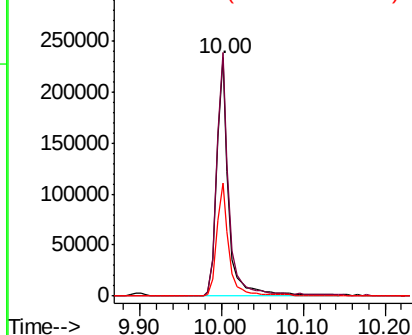


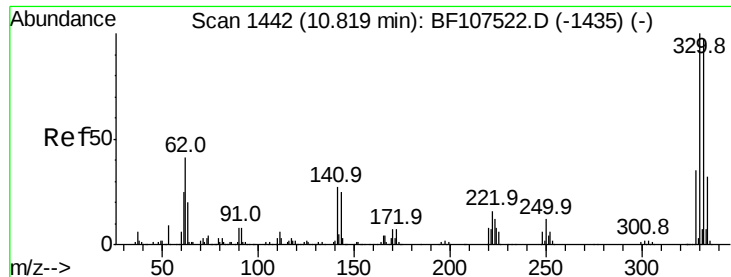
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.00 min Scan# 1303
 Delta R.T. -0.02 min
 Lab File: BF107776.D
 Acq: 28 Jul 2018 5:36

Tgt Ion:164 Resp: 240482
 Ion Ratio Lower Upper
 164 100
 162 102.2 86.1 129.1
 160 47.2 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

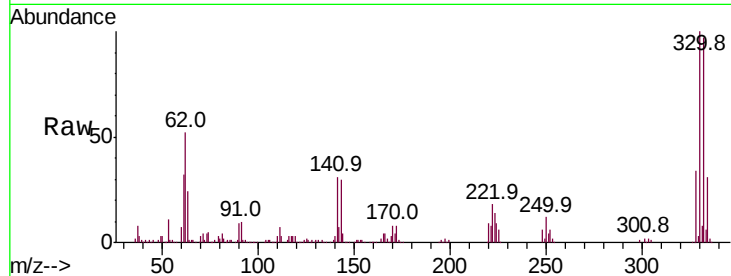




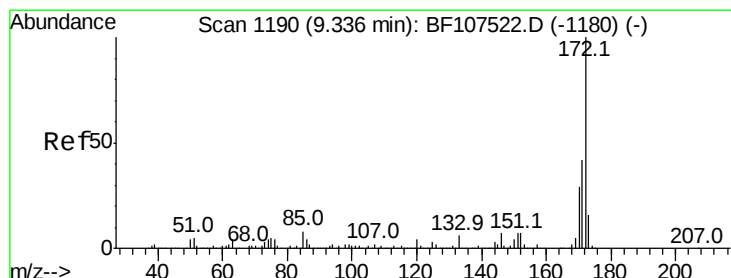
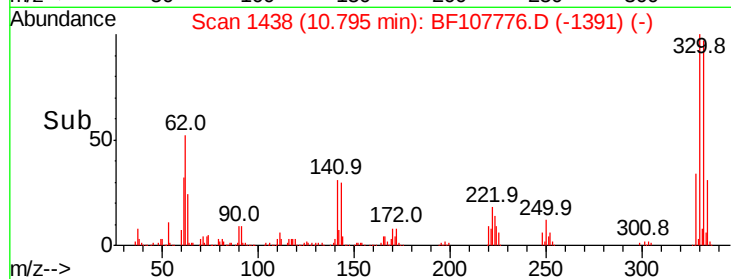
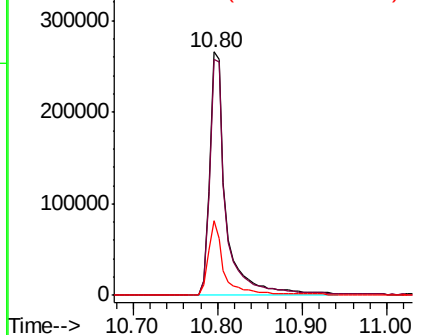
#41
 2,4,6-Tribromophenol
 Concen: 134.599 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.02 min
 Lab File: BF107776.D
 Acq: 28 Jul 2018 5:36

Instrument :
 BNA_F
 ClientSampleId :
 MW-33

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.9	77.0	115.6
141	30.0	29.9	44.9

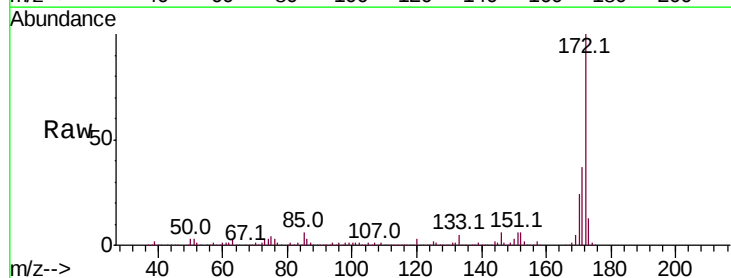


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

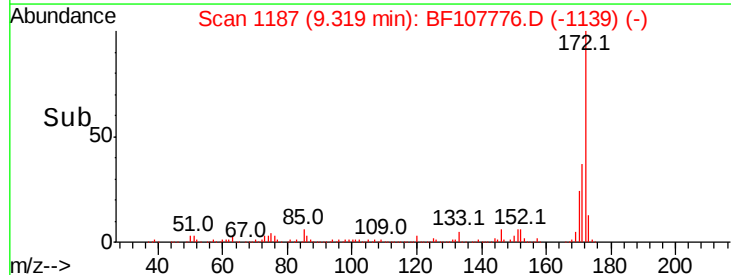
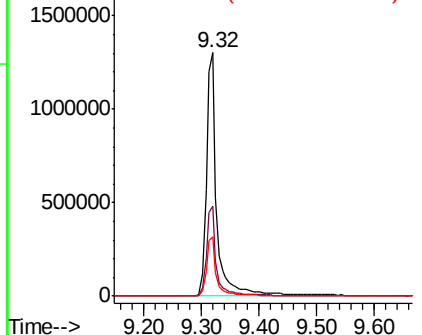


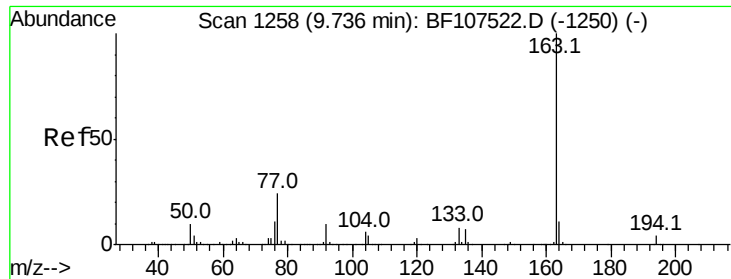
#44
 2-Fluorobiphenyl
 Concen: 147.628 ng
 RT: 9.32 min Scan# 1187
 Delta R.T. -0.02 min
 Lab File: BF107776.D
 Acq: 28 Jul 2018 5:36

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.7	44.5
170	24.5	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

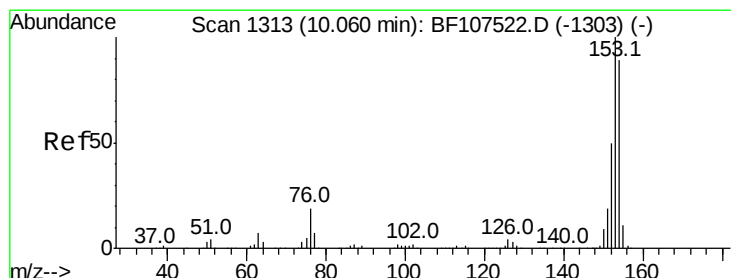
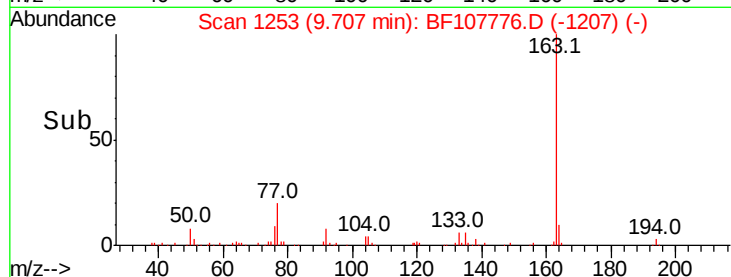
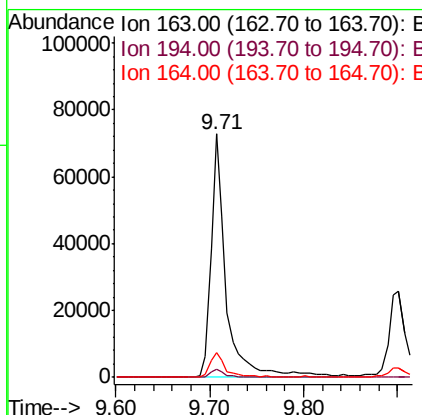
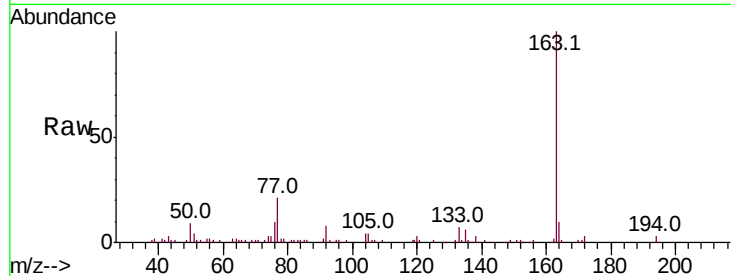




#49
 Dimethylphthalate
 Concen: 4.554 ng
 RT: 9.71 min Scan# 1253
 Delta R.T. -0.03 min
 Lab File: BF107776.D
 Acq: 28 Jul 2018 5:36

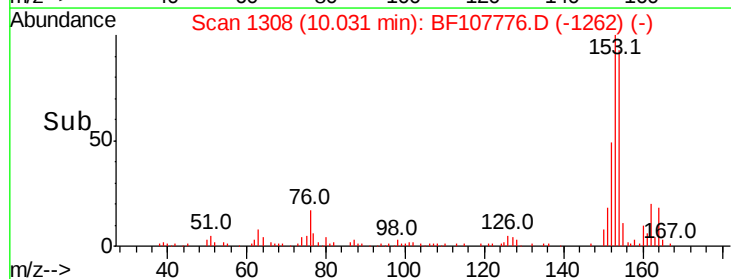
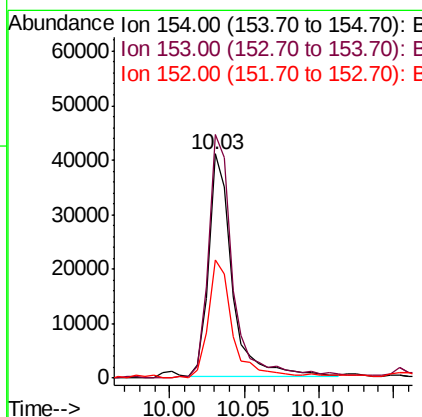
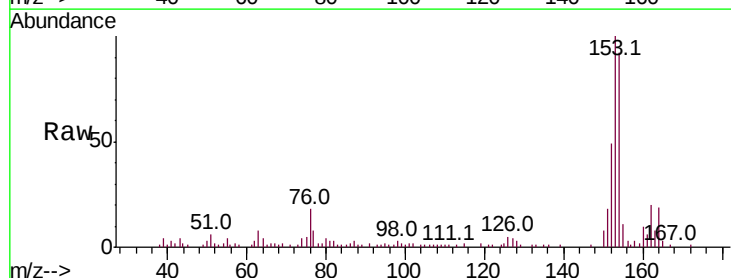
Instrument :
 BNA_F
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 MW-33

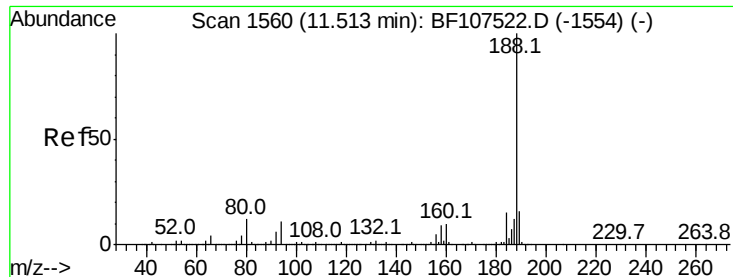
Tot Ion:	163	Resp:	82546
Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.7	4.1
164	10.0	8.2	12.2



#51
 Acenaphthene
 Concen: 2.930 ng
 RT: 10.03 min Scan# 1308
 Delta R.T. -0.03 min
 Lab File: BF107776.D
 Acq: 28 Jul 2018 5:36

Tgt Ion:	154	Resp:	44164
Ion	Ratio	Lower	Upper
154	100		
153	108.6	91.2	136.8
152	52.8	43.8	65.8





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.50 min Scan# 1557

Delta R.T. -0.02 min

Lab File: BF107776.D

Acq: 28 Jul 2018 5:36

Instrument :

BNA_F

ClientSampleId :

MW-33

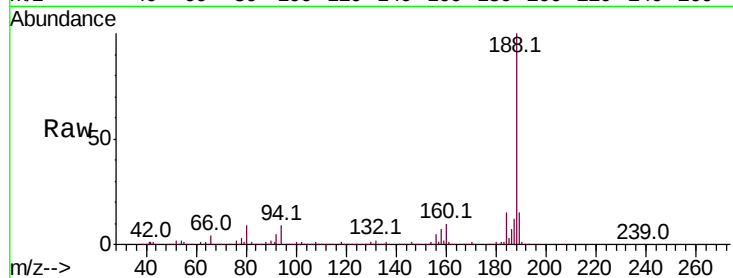
Tot Ion:188 Resp: 412296

Ion Ratio Lower Upper

188 100

94 8.7 8.5 12.7

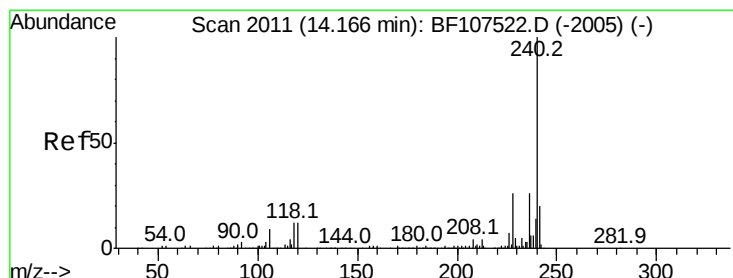
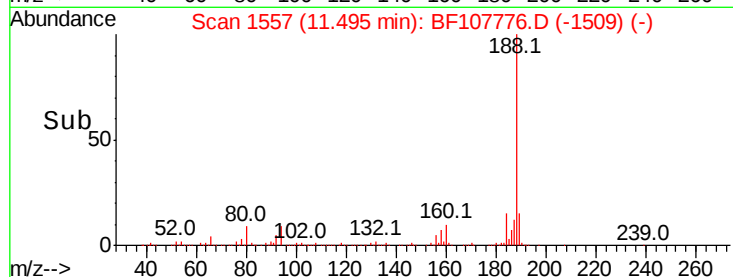
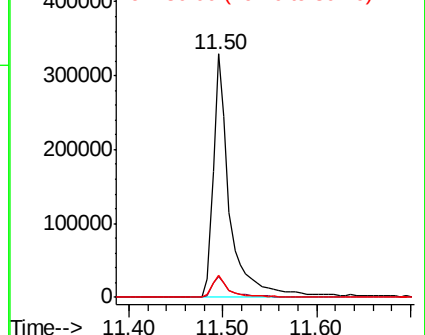
80 9.2 9.2 13.8#



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: 14.15 min Scan# 2008

Delta R.T. -0.02 min

Lab File: BF107776.D

Acq: 28 Jul 2018 5:36

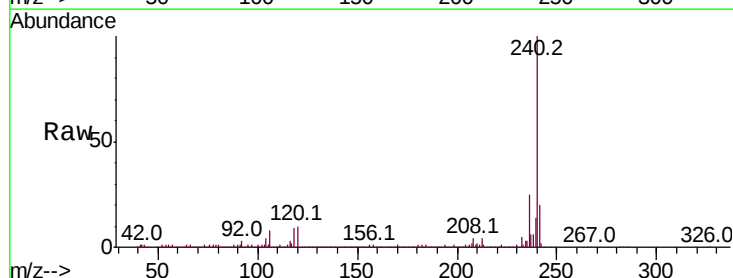
Tgt Ion:240 Resp: 424280

Ion Ratio Lower Upper

240 100

120 10.4 9.5 14.3

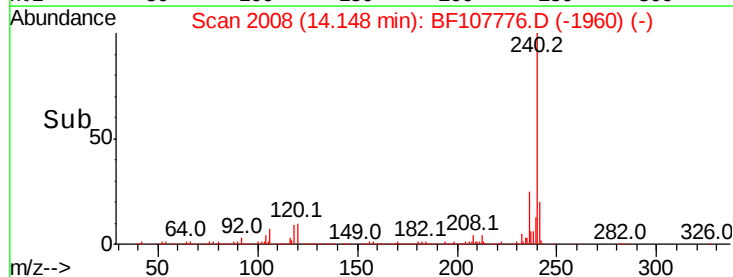
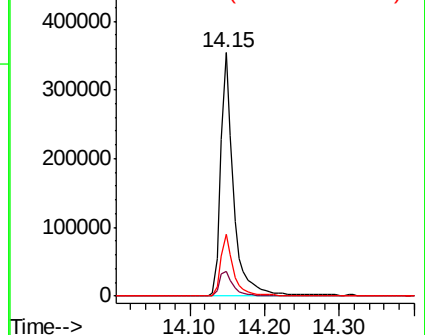
236 25.3 20.7 31.1

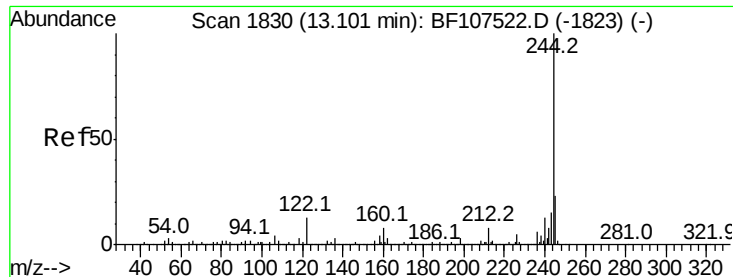


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 89.388 ng

RT: 13.08 min Scan# 1827

Delta R.T. -0.02 min

Lab File: BF107776.D

Acq: 28 Jul 2018 5:36

Instrument :

BNA_F

ClientSampleId :

MW-33

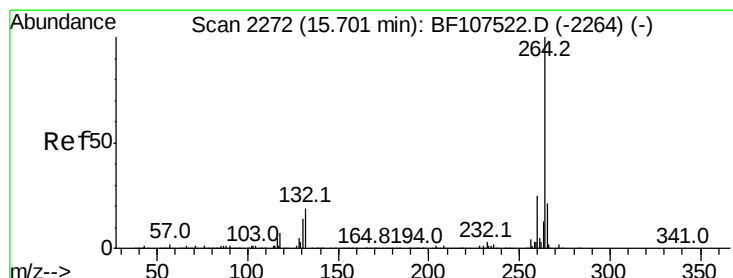
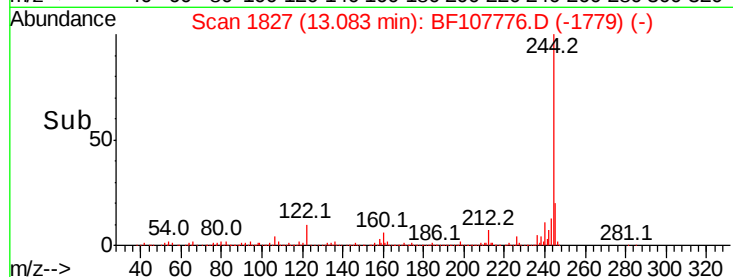
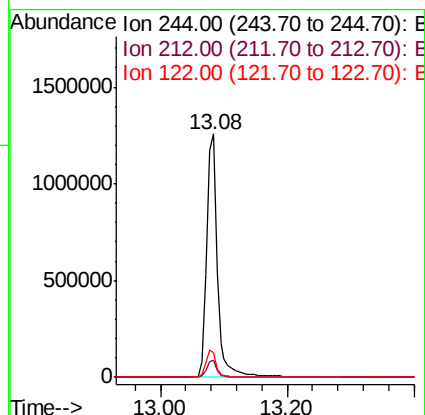
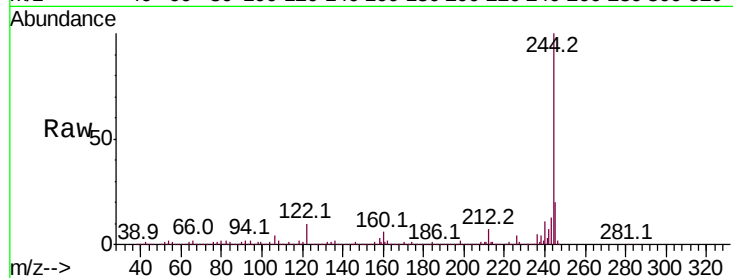
Tot Ion:244 Resp: 1481412

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

122 10.2 11.0 16.4#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.68 min Scan# 2269

Delta R.T. -0.02 min

Lab File: BF107776.D

Acq: 28 Jul 2018 5:36

Tgt Ion:264 Resp: 340495

Ion Ratio Lower Upper

264 100

260 23.1 19.2 28.8

265 21.9 17.5 26.3

