

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072018\
 Data File : BF107544.D
 Acq On : 21 Jul 2018 00:30
 Operator : JU/SJ
 Sample : J4041-01 10X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OILY-STONES

Quant Time: Jul 21 03:20:38 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

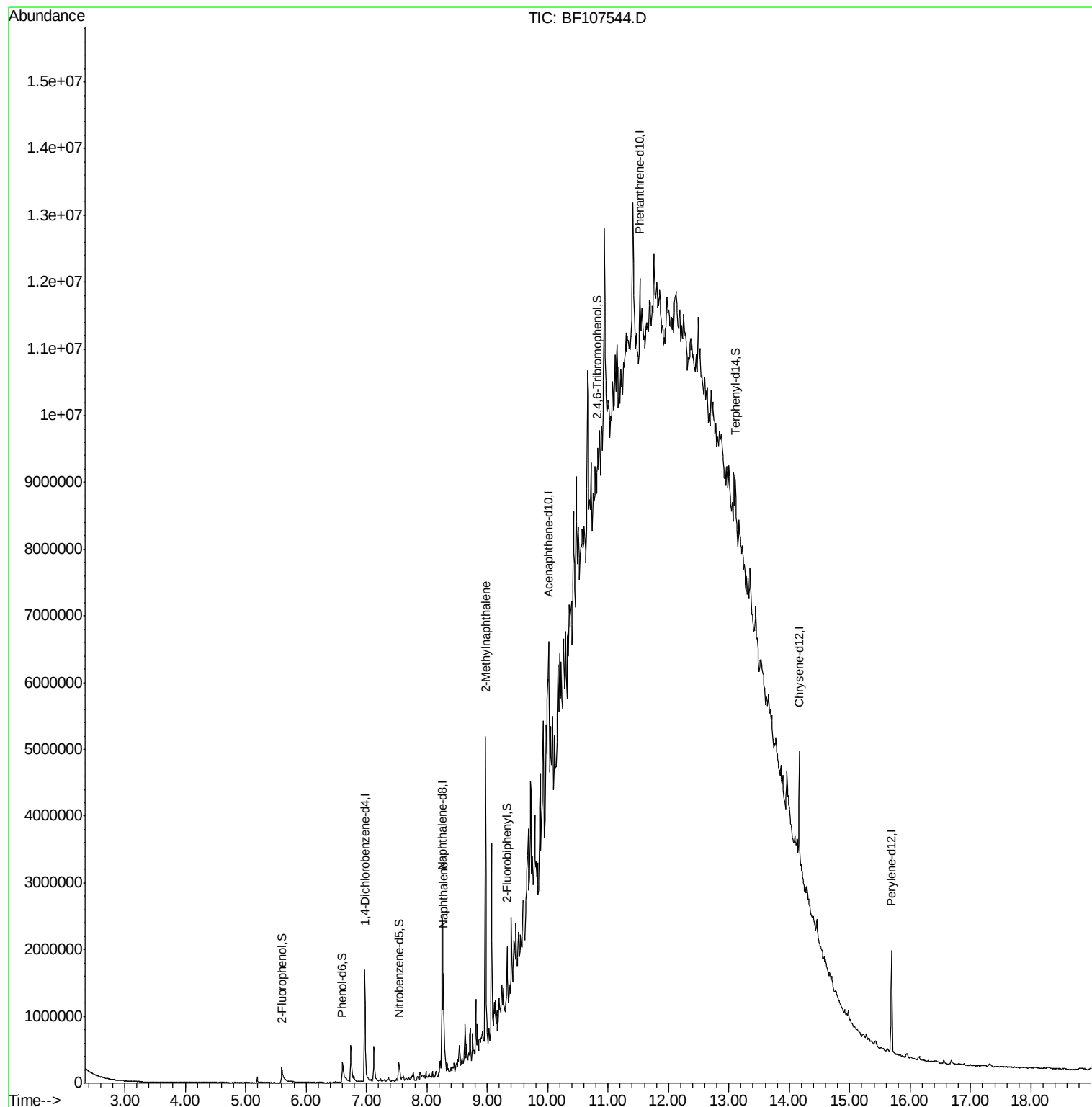
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	315587	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	1231885	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	432909	20.00	ng	0.00
63) Phenanthrene-d10	11.53	188	494040	20.00	ng	0.02
75) Chrysene-d12	14.17	240	674296	20.00	ng	0.00
86) Perylene-d12	15.69	264	797600	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	145741	7.43	ng	0.00
7) Phenol-d6	6.60	99	260426	11.05	ng	-0.01
23) Nitrobenzene-d5	7.54	82	150374	8.24	ng	-0.01
41) 2,4,6-Tribromophenol	10.82	330	40058	8.14	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	327551	6.73	ng	0.00
78) Terphenyl-d14	13.11	244	192493	7.31	ng	0.00
Target Compounds						
31) Naphthalene	8.28	128	654000	12.073	ng	100
37) 2-Methylnaphthalene	8.97	142	1339034	35.671	ng	96

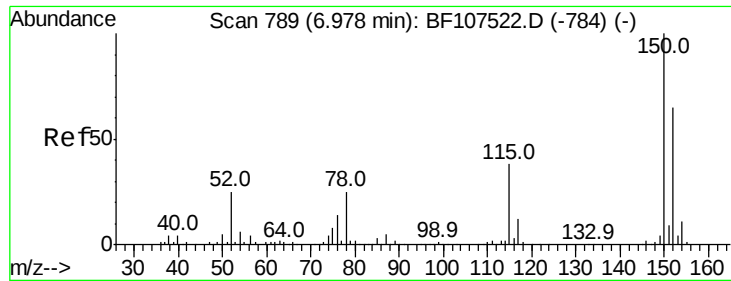
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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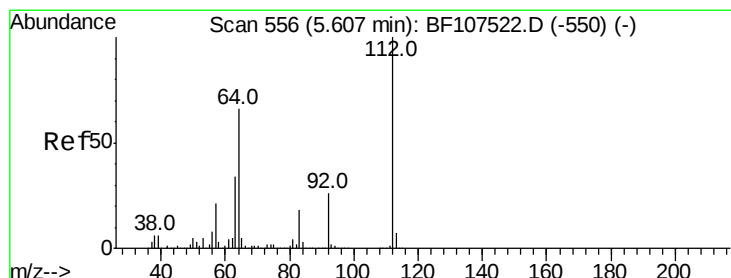
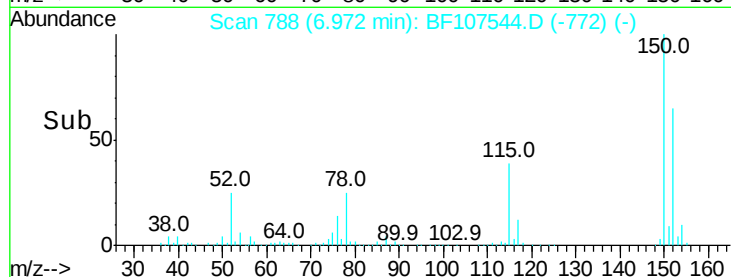
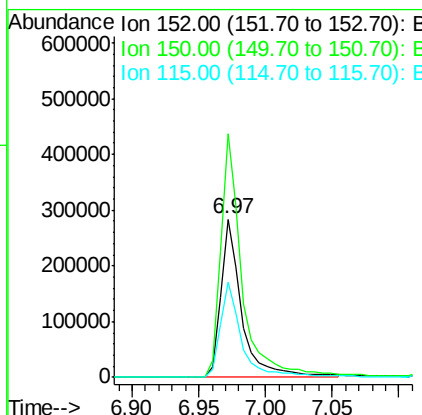
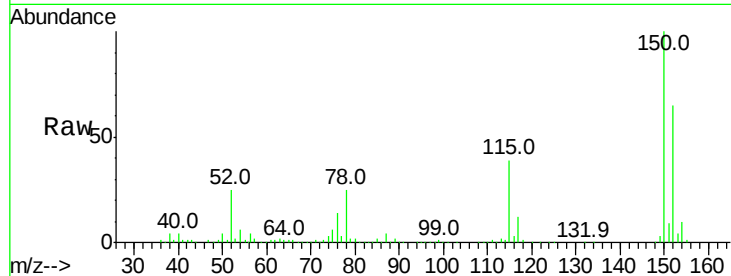


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.97 min Scan# 788
 Delta R.T. -0.01 min
 Lab File: BF107544.D
 Acq: 21 Jul 2018 00:30

Instrument :
 BNA_F
 ClientSampleId :
 OILY-STONES

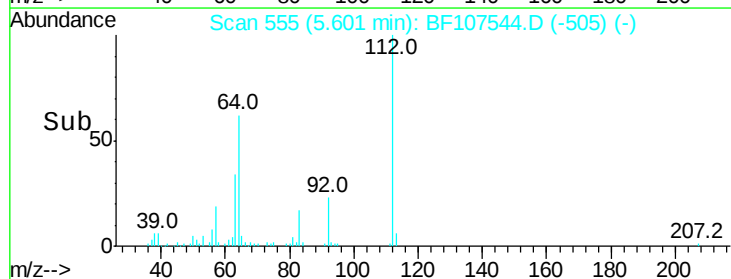
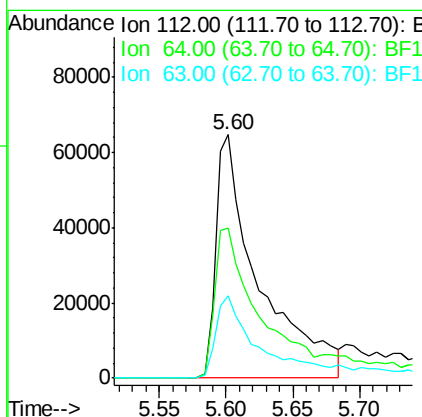
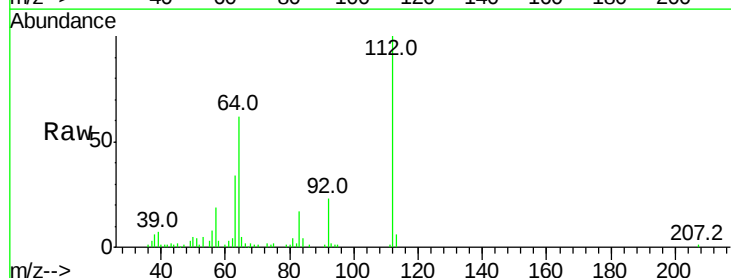
Tot Ion:152 Resp: 315587
 Ion Ratio Lower Upper
 152 100
 150 153.9 124.6 186.8
 115 60.4 50.1 75.1

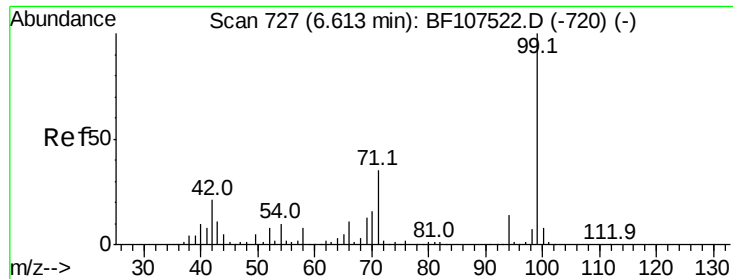


#5

2-Fluorophenol
 Concen: 7.425 ng
 RT: 5.60 min Scan# 555
 Delta R.T. -0.01 min
 Lab File: BF107544.D
 Acq: 21 Jul 2018 00:30

Tgt Ion:112 Resp: 145741
 Ion Ratio Lower Upper
 112 100
 64 61.9 47.9 71.9
 63 34.1 23.7 35.5





#7

Phenol-d6

Concen: 11.050 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF107544.D

Acq: 21 Jul 2018 00:30

Instrument :

BNA_F

ClientSampleId :

OILY-STONES

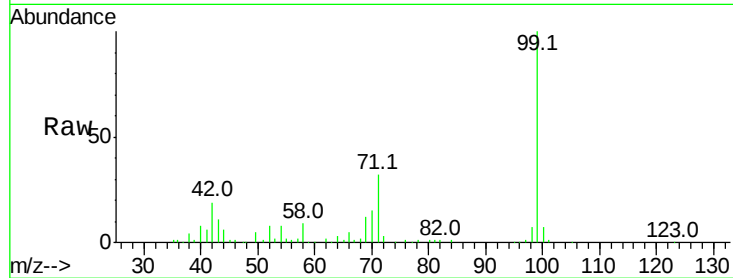
Tot Ion: 99 Resp: 260426

Ion Ratio Lower Upper

99 100

42 19.2 14.5 21.7

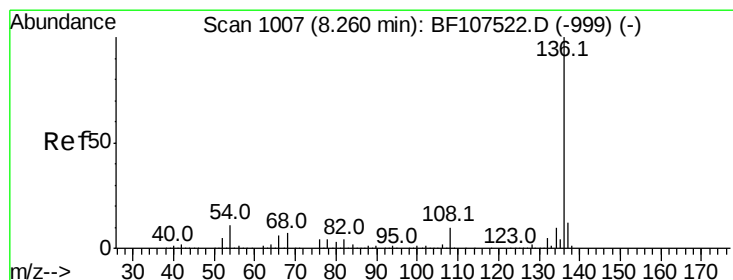
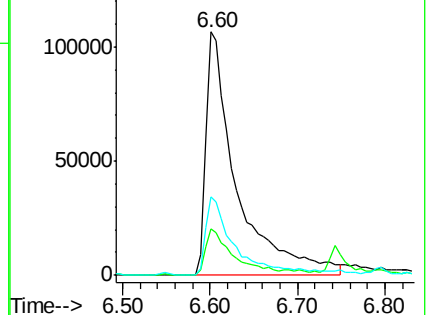
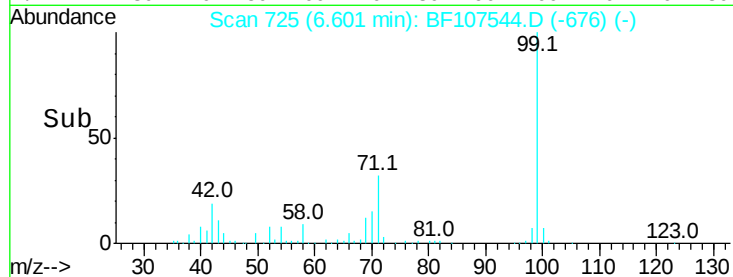
71 32.0 25.4 38.0



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: 8.25 min Scan# 1006

Delta R.T. -0.01 min

Lab File: BF107544.D

Acq: 21 Jul 2018 00:30

Tgt Ion: 136 Resp: 1231885

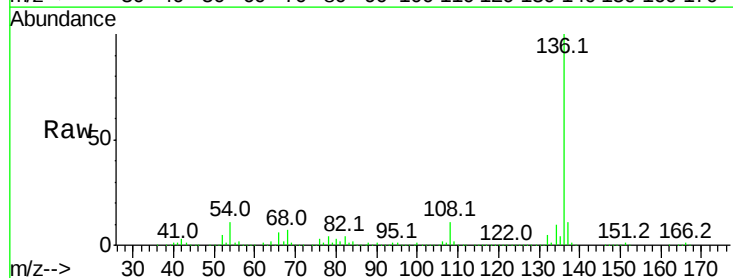
Ion Ratio Lower Upper

136 100

137 11.4 8.9 13.3

54 11.1 6.6 9.8#

68 6.7 5.0 7.4

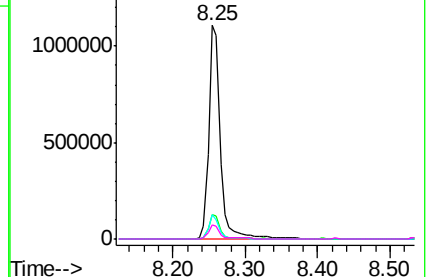
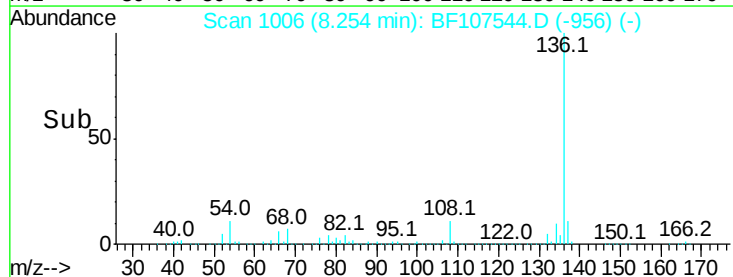


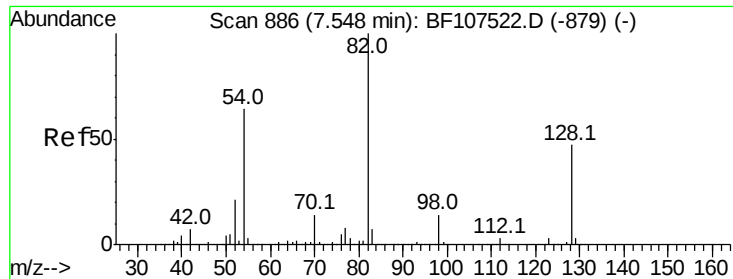
Abundance Ion 136.00 (135.70 to 136.70): E

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

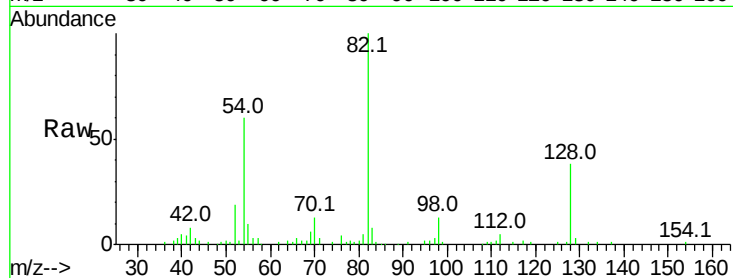




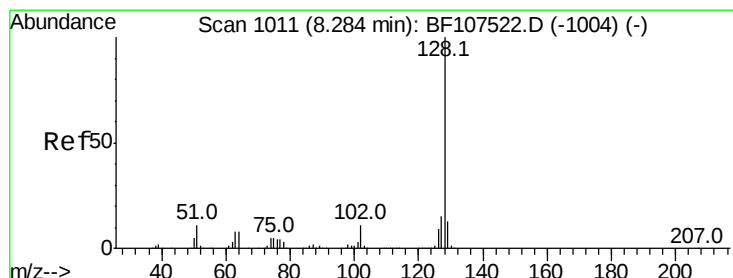
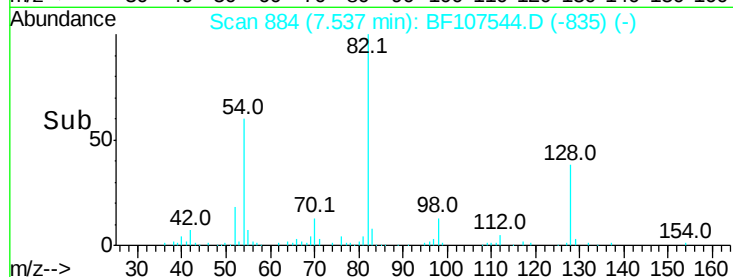
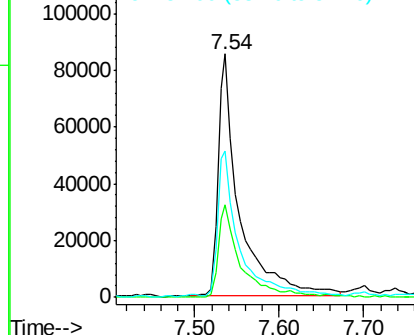
#23
Nitrobenzene-d5
Concen: 8.238 ng
RT: 7.54 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF107544.D
Acq: 21 Jul 2018 00:30

Instrument :
BNA_F
ClientSampleId :
OILY-STONES

Tot Ion: 82 Resp: 150374
Ion Ratio Lower Upper
82 100
128 38.2 36.1 54.1
54 60.2 41.4 62.2

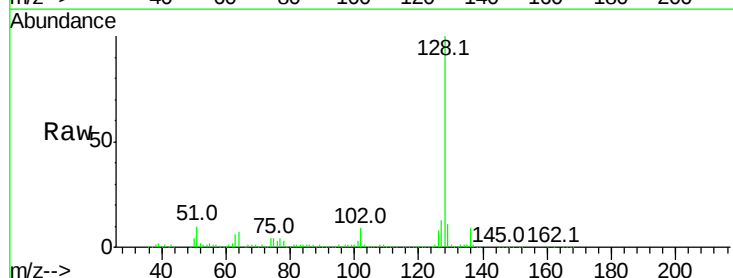


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

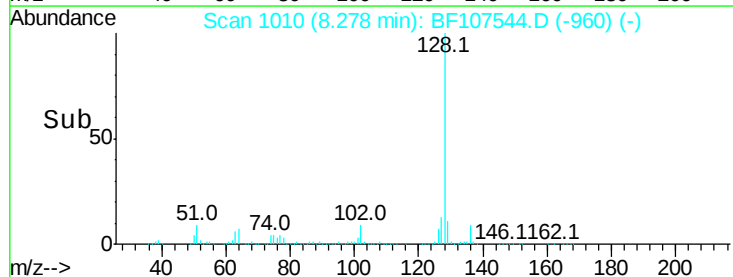
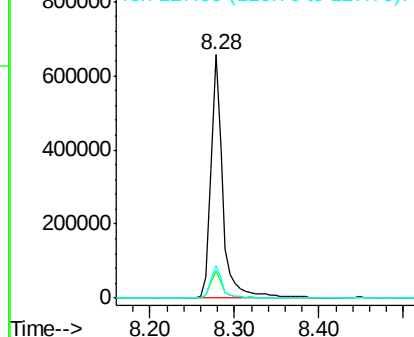


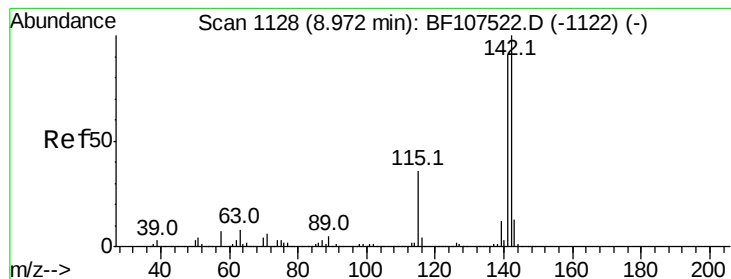
#31
Naphthalene
Concen: 12.073 ng
RT: 8.28 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BF107544.D
Acq: 21 Jul 2018 00:30

Tgt Ion: 128 Resp: 654000
Ion Ratio Lower Upper
128 100
129 11.1 8.8 13.2
127 13.5 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

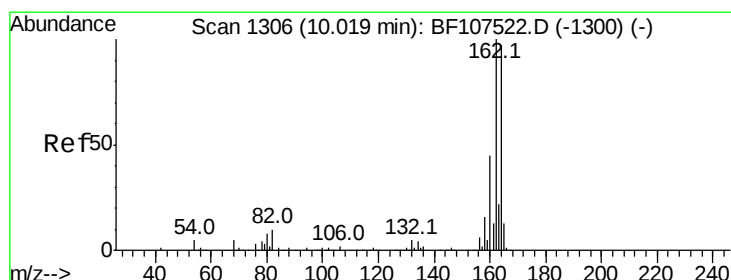
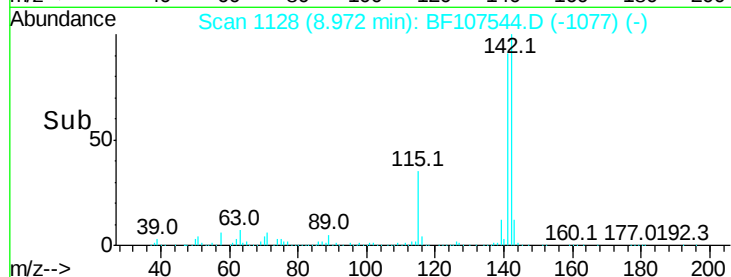
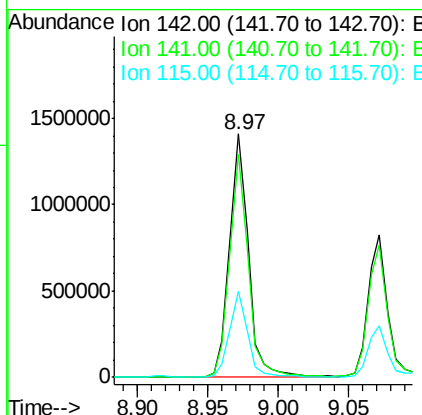
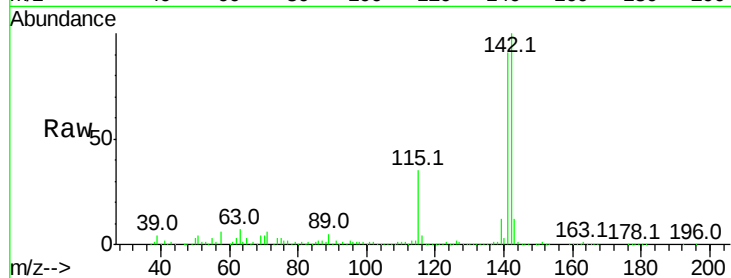




#37
2-Methylnaphthalene
Concen: 35.671 ng
RT: 8.97 min Scan# 1128
Delta R.T. 0.00 min
Lab File: BF107544.D
Acq: 21 Jul 2018 00:30

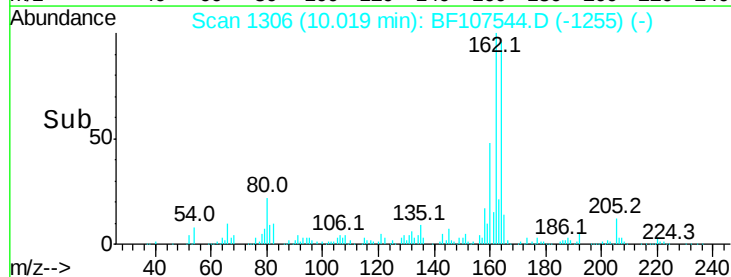
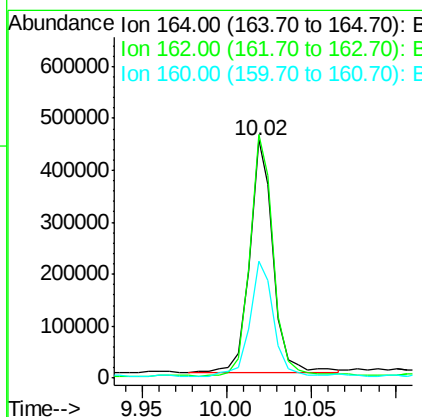
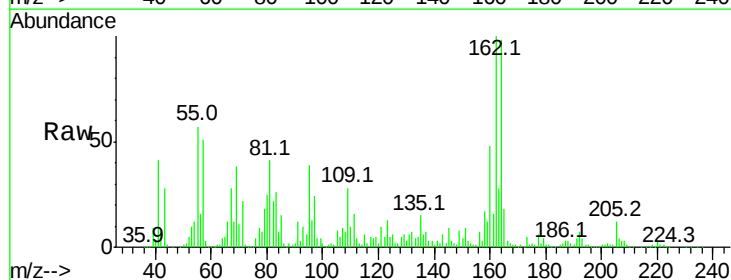
Instrument :
BNA_F
ClientSampleId :
OILY-STONES

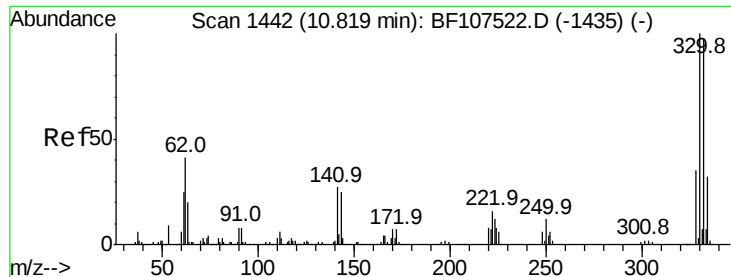
Tot Ion:142 Resp: 1339034
Ion Ratio Lower Upper
142 100
141 91.5 70.8 106.2
115 35.4 26.1 39.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1306
Delta R.T. 0.00 min
Lab File: BF107544.D
Acq: 21 Jul 2018 00:30

Tgt Ion:164 Resp: 432909
Ion Ratio Lower Upper
164 100
162 102.2 86.1 129.1
160 48.8 38.3 57.5

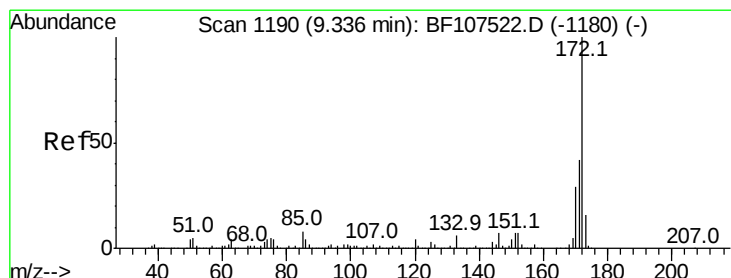
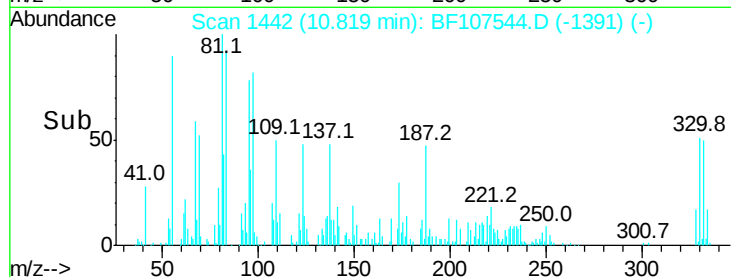
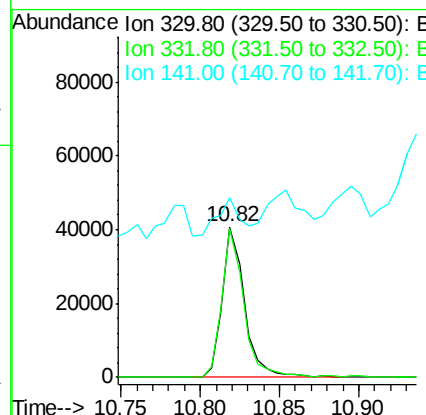
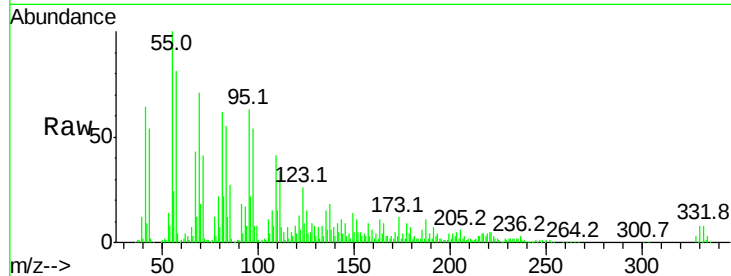




#41
 2,4,6-Tribromophenol
 Concen: 8.137 ng
 RT: 10.82 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: BF107544.D
 Acq: 21 Jul 2018 00:30

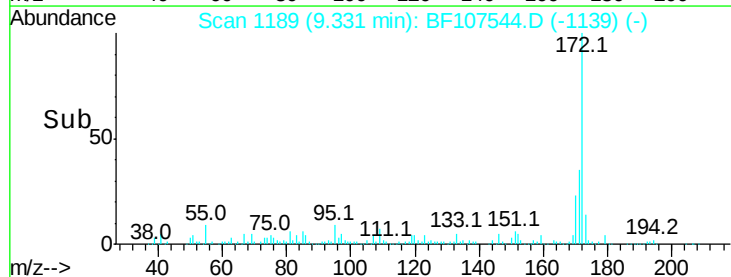
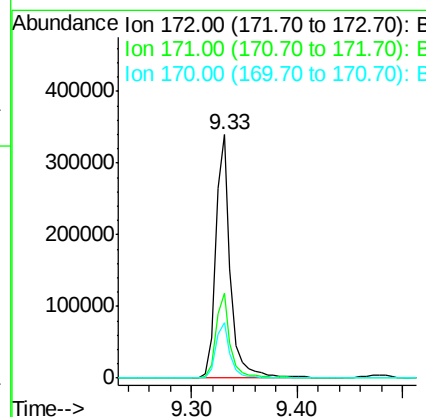
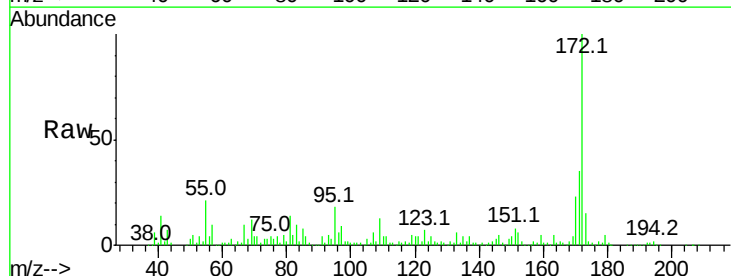
Instrument :
 BNA_F
 ClientSampleId :
 OILY-STONES

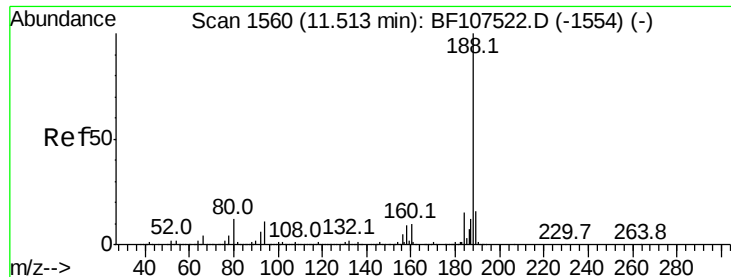
Tot Ion:330 Resp: 40058
 Ion Ratio Lower Upper
 330 100
 332 95.9 77.0 115.6
 141 22.7 29.9 44.9#



#44
 2-Fluorobiphenyl
 Concen: 6.733 ng
 RT: 9.33 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF107544.D
 Acq: 21 Jul 2018 00:30

Tgt Ion:172 Resp: 327551
 Ion Ratio Lower Upper
 172 100
 171 34.9 29.7 44.5
 170 22.7 19.6 29.4

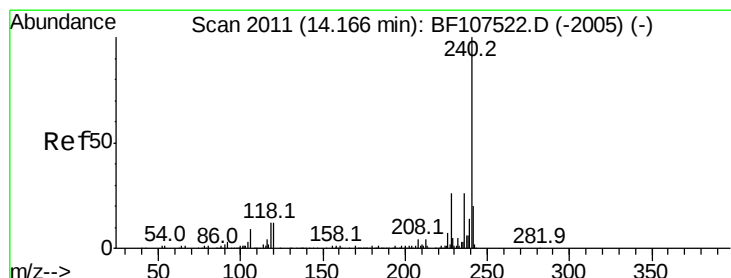
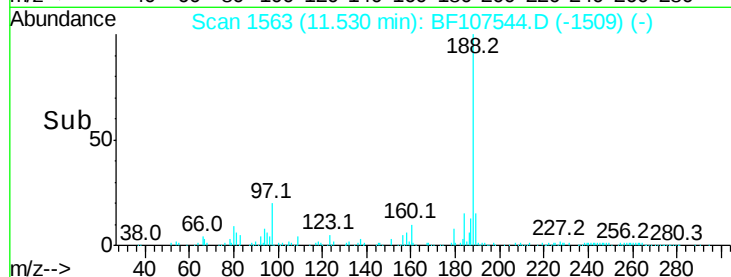
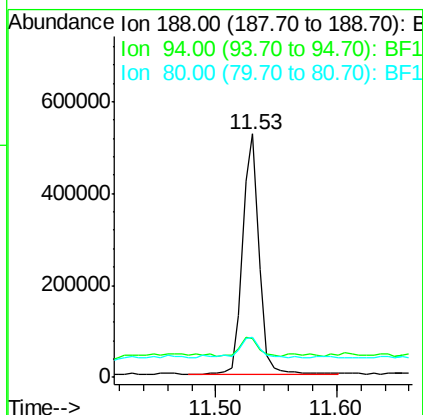
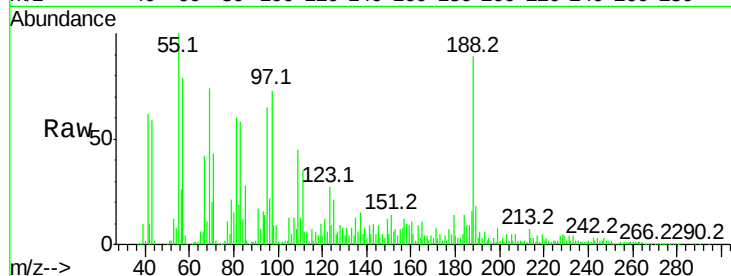




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.53 min Scan# 1563
Delta R.T. 0.02 min
Lab File: BF107544.D
Acq: 21 Jul 2018 00:30

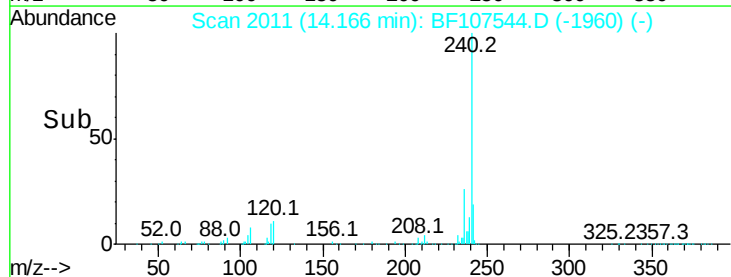
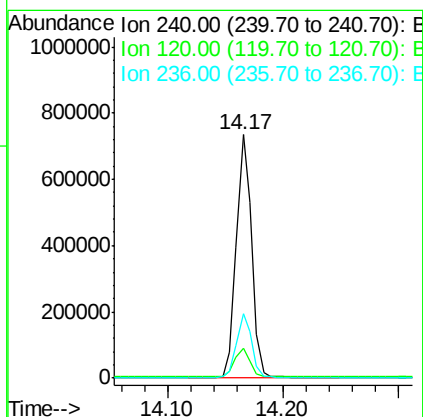
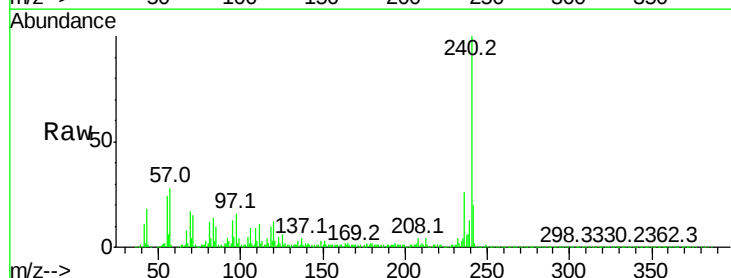
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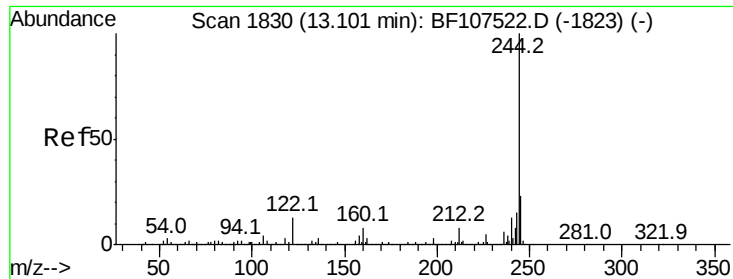
Tot Ion:188 Resp: 494040
Ion Ratio Lower Upper
188 100
94 16.1 8.5 12.7#
80 16.5 9.2 13.8#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.17 min Scan# 2011
Delta R.T. 0.00 min
Lab File: BF107544.D
Acq: 21 Jul 2018 00:30

Tgt Ion:240 Resp: 674296
Ion Ratio Lower Upper
240 100
120 12.4 9.5 14.3
236 26.5 20.7 31.1

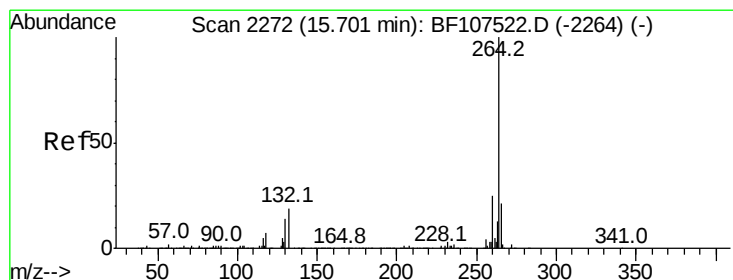
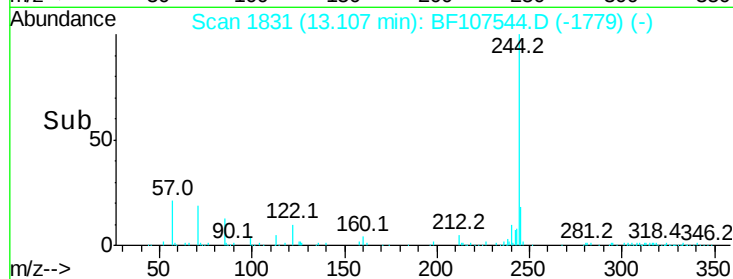
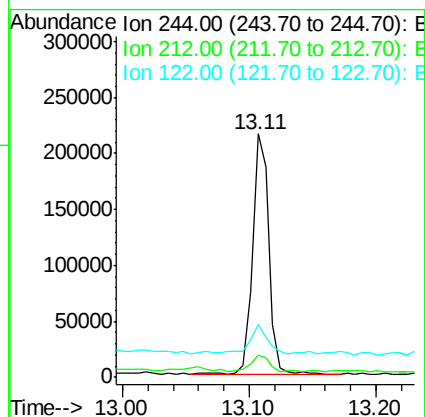
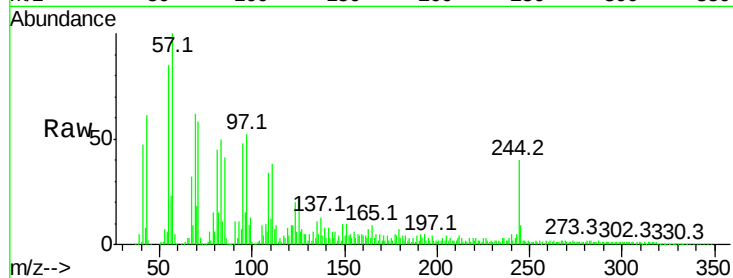




#78
 Terphenyl-d14
 Concen: 7.308 ng
 RT: 13.11 min Scan# 1831
 Delta R.T. 0.01 min
 Lab File: BF107544.D
 Acq: 21 Jul 2018 00:30

Instrument :
 BNA_F
 ClientSampleId :
 OILY-STONES

Tot Ion:244 Resp: 192493
 Ion Ratio Lower Upper
 244 100
 212 8.9 5.4 8.0#
 122 21.7 11.0 16.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.69 min Scan# 2271
 Delta R.T. -0.01 min
 Lab File: BF107544.D
 Acq: 21 Jul 2018 00:30

Tgt Ion:264 Resp: 797600
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.2 28.8
 265 21.7 17.5 26.3

