

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092017\
 Data File : BG028858.D
 Acq On : 21 Sep 2017 15:01
 Operator : SJ/JU
 Sample : I5291-02
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OILY-STONE

Quant Time: Sep 21 15:45:12 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 21 12:57:55 2017
 Response via : Initial Calibration

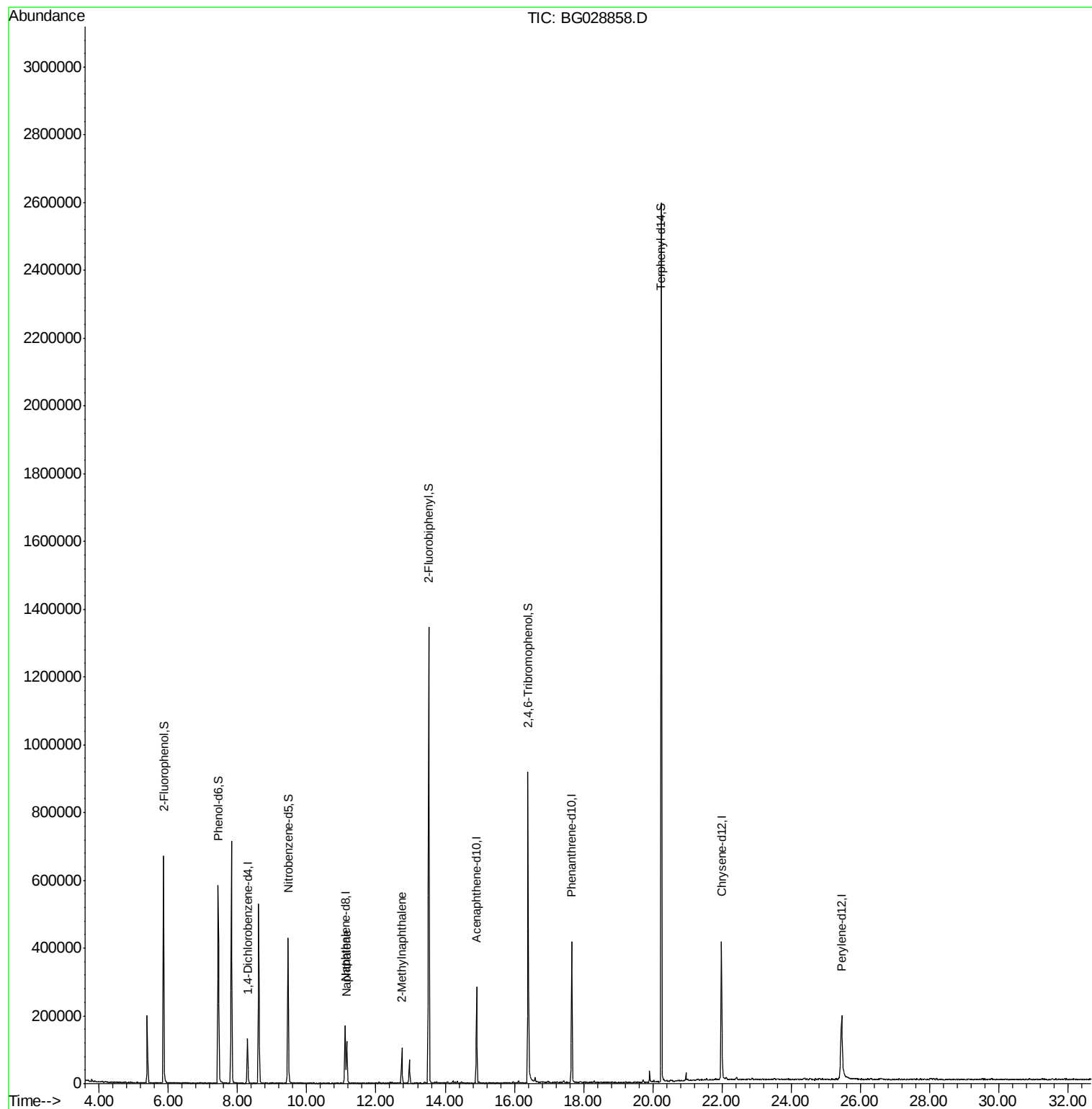
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.29	152	36757	20.00	ng	0.00
21) Naphthalene-d8	11.11	136	151007	20.00	ng	0.00
38) Acenaphthene-d10	14.90	164	106922	20.00	ng	0.00
63) Phenanthrene-d10	17.66	188	271828	20.00	ng	0.00
75) Chrysene-d12	21.98	240	301509	20.00	ng	0.00
86) Perylene-d12	25.46	264	283926	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.86	112	292419	131.27	ng	0.00
7) Phenol-d6	7.44	99	354896	105.81	ng	0.00
23) Nitrobenzene-d5	9.46	82	279942	88.68	ng	0.00
41) 2,4,6-Tribromophenol	16.40	330	216819	122.61	ng	0.00
44) 2-Fluorobiphenyl	13.52	172	731937	91.28	ng	0.00
78) Terphenyl-d14	20.25	244	1303964	92.23	ng	0.00
Target Compounds						
31) Naphthalene	11.16	128	105334	13.356	ng	Qvalue # 95
37) 2-Methylnaphthalene	12.75	142	52442	8.906	ng	97

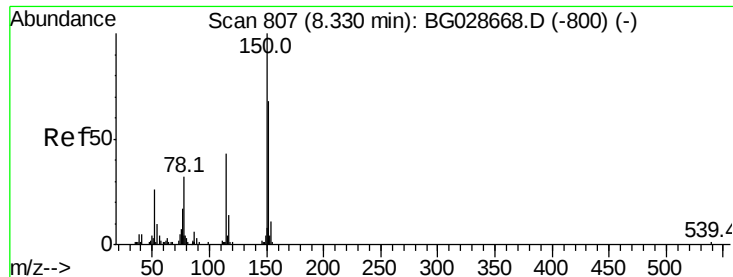
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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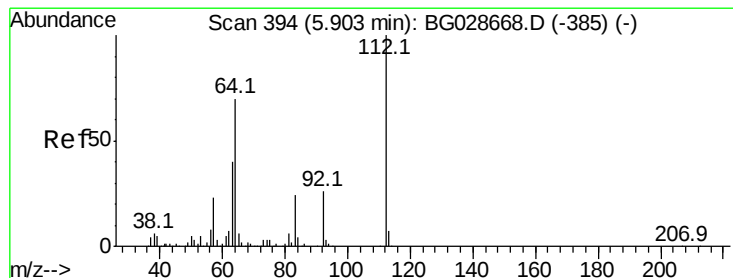
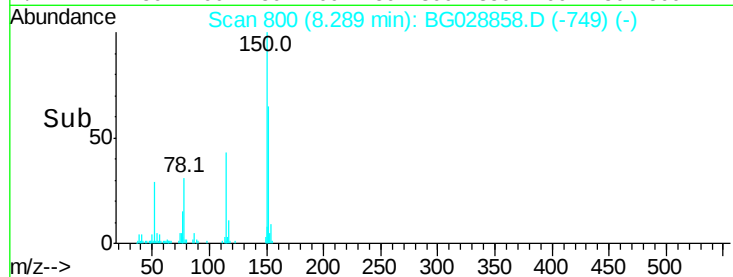
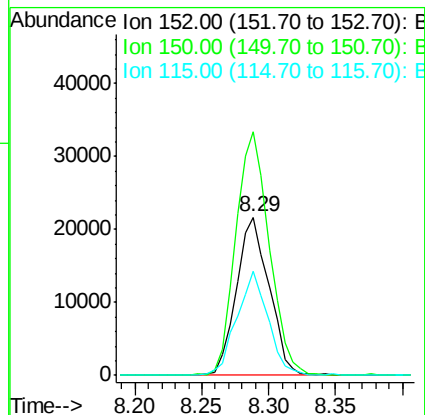
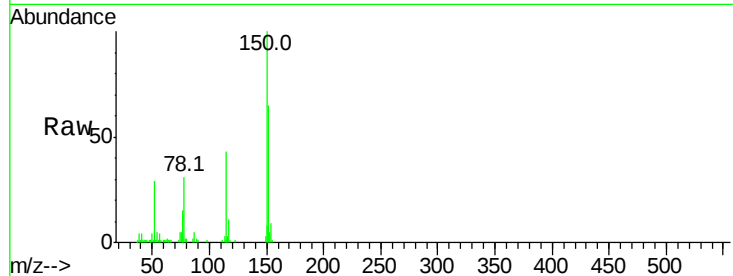


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.29 min Scan# 800
Delta R.T. 0.00 min
Lab File: BG028858.D
Acq: 21 Sep 2017 15:01

Instrument :
BNA_G
ClientSampleId :
OILY-STONE

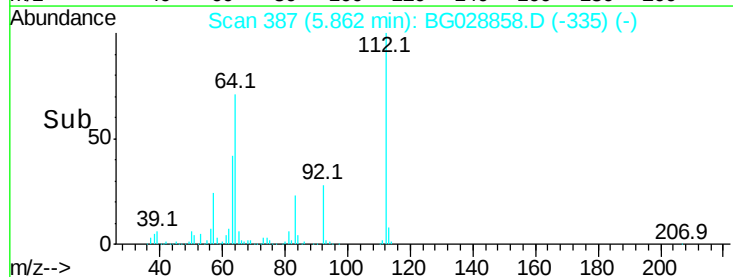
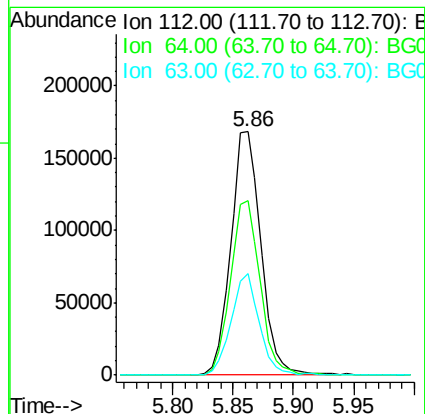
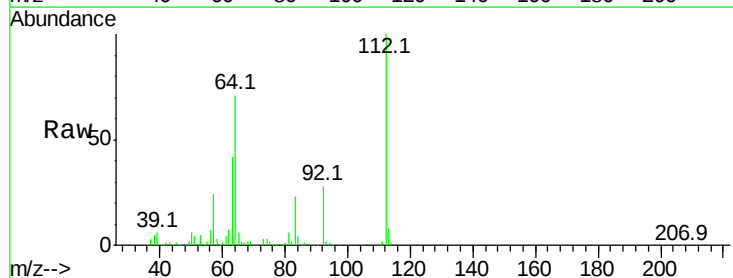
Tot Ion:152 Resp: 36757
Ion Ratio Lower Upper
152 100
150 154.3 114.0 171.0
115 65.7 48.1 72.1

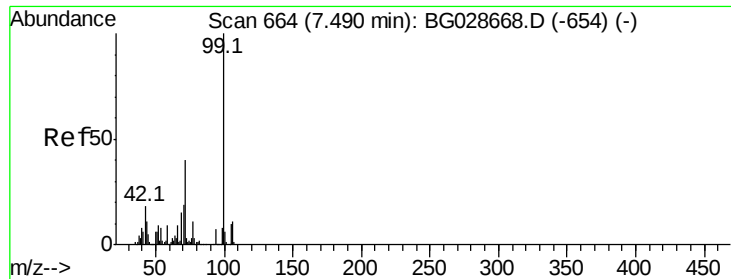


#5

2-Fluorophenol
Concen: 131.269 ng
RT: 5.86 min Scan# 387
Delta R.T. 0.01 min
Lab File: BG028858.D
Acq: 21 Sep 2017 15:01

Tgt Ion:112 Resp: 292419
Ion Ratio Lower Upper
112 100
64 71.5 61.8 92.6
63 41.6 37.2 55.8





#7

Phenol-d6

Concen: 105.814 ng

RT: 7.44 min Scan# 656

Delta R.T. 0.00 min

Lab File: BG028858.D

Acq: 21 Sep 2017 15:01

Instrument :

BNA_G

ClientSampleId :

OILY-STONE

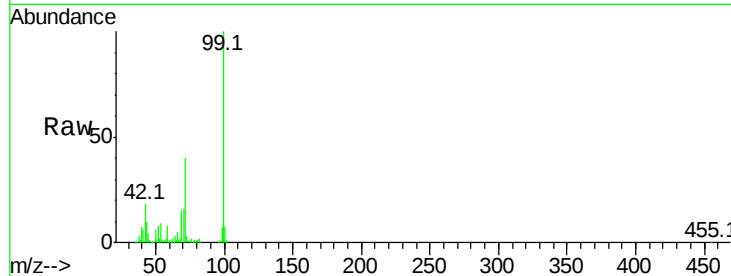
Tot Ion: 99 Resp: 354896

Ion Ratio Lower Upper

99 100

42 17.6 20.5 30.7#

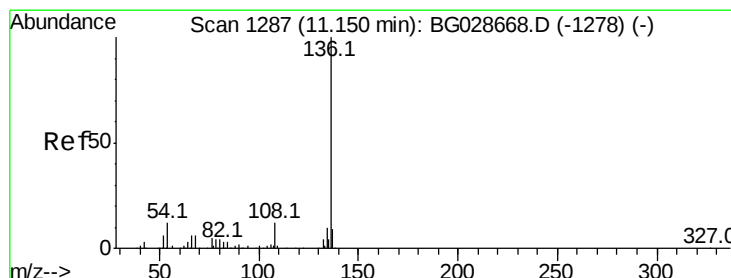
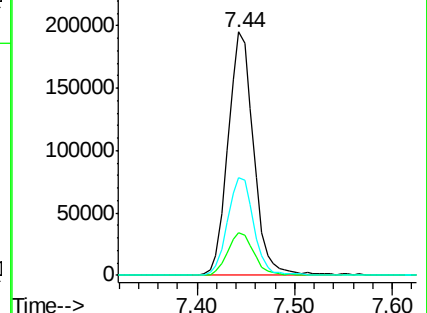
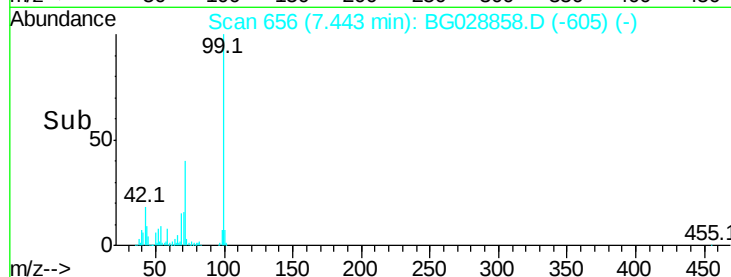
71 39.9 37.6 56.4



Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.11 min Scan# 1280

Delta R.T. 0.00 min

Lab File: BG028858.D

Acq: 21 Sep 2017 15:01

Tgt Ion: 136 Resp: 151007

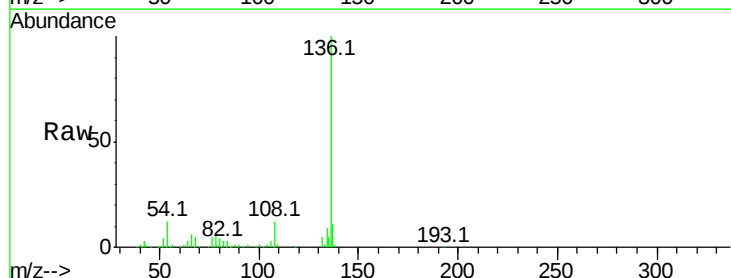
Ion Ratio Lower Upper

136 100

137 10.6 8.9 13.3

54 11.6 9.3 13.9

68 5.5 5.1 7.7

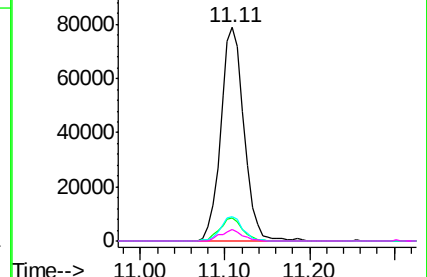
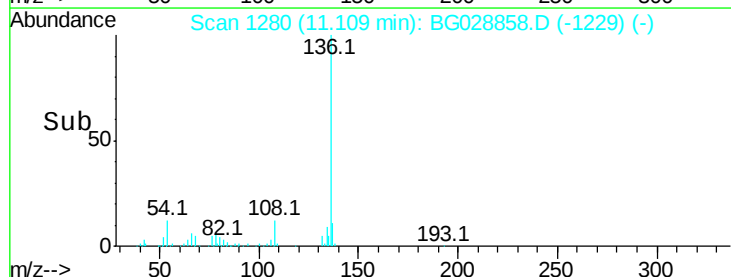


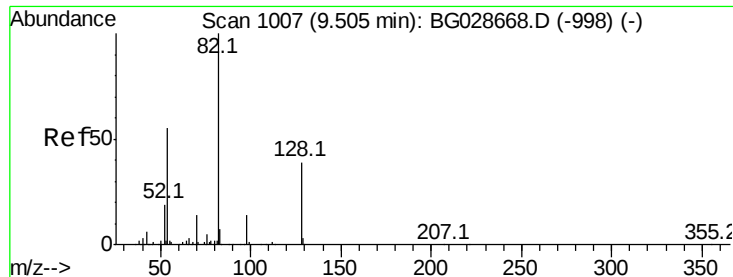
Abundance Ion 136.00 (135.70 to 136.70): BGC

Ion 137.00 (136.70 to 137.70): BGC

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC

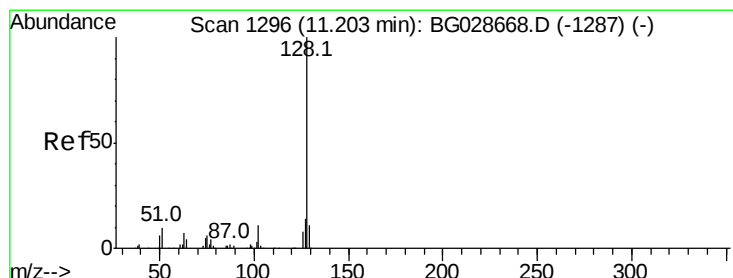
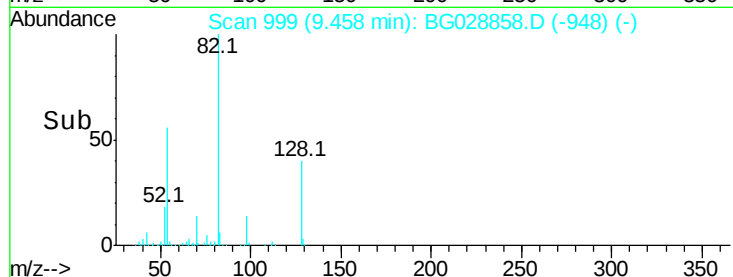
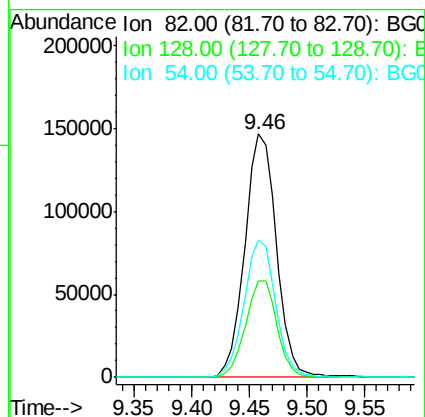
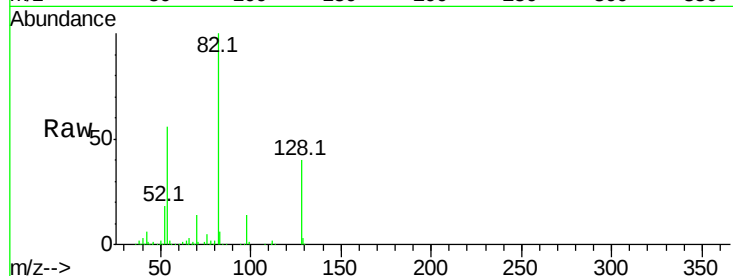




#23
 Nitrobenzene-d5
 Concen: 88.683 ng
 RT: 9.46 min Scan# 999
 Delta R.T. 0.00 min
 Lab File: BG028858.D
 Acq: 21 Sep 2017 15:01

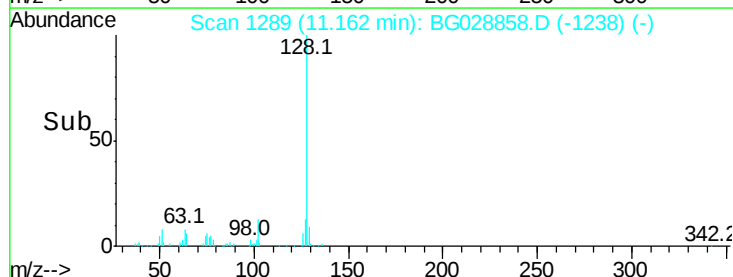
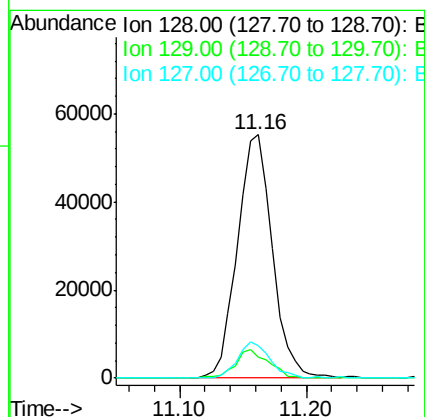
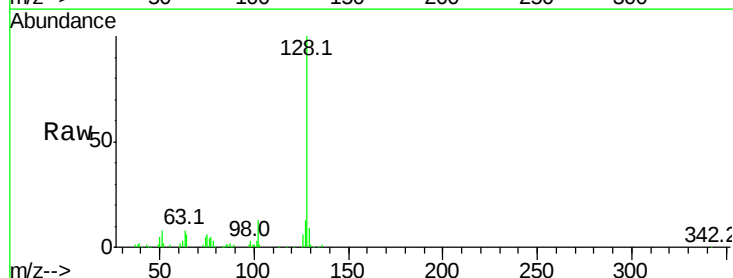
Instrument :
 BNA_G
 ClientSampleId :
 OILY-STONE

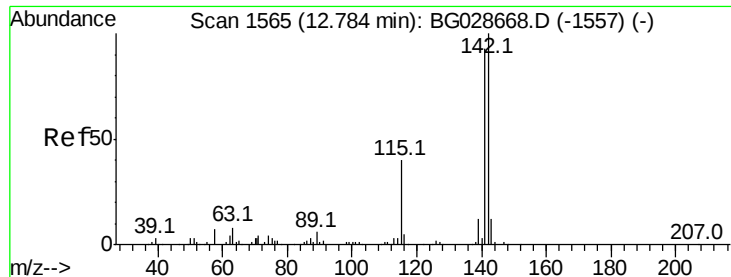
Tot Ion: 82 Resp: 279942
 Ion Ratio Lower Upper
 82 100
 128 39.7 26.4 39.6#
 54 56.2 49.4 74.2



#31
 Naphthalene
 Concen: 13.356 ng
 RT: 11.16 min Scan# 1289
 Delta R.T. 0.00 min
 Lab File: BG028858.D
 Acq: 21 Sep 2017 15:01

Tgt Ion: 128 Resp: 105334
 Ion Ratio Lower Upper
 128 100
 129 8.8 9.3 13.9#
 127 13.1 11.4 17.0

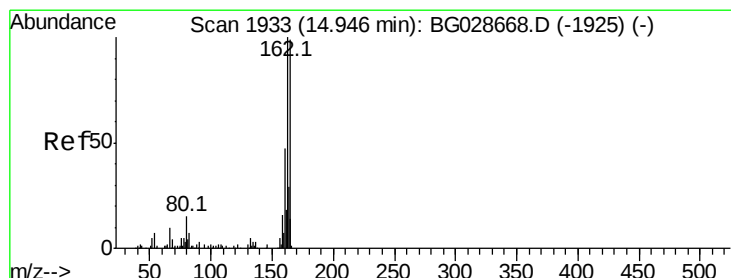
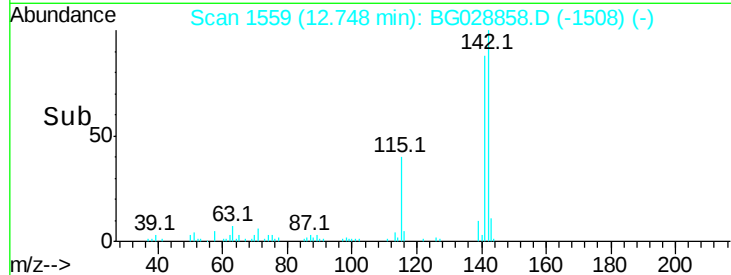
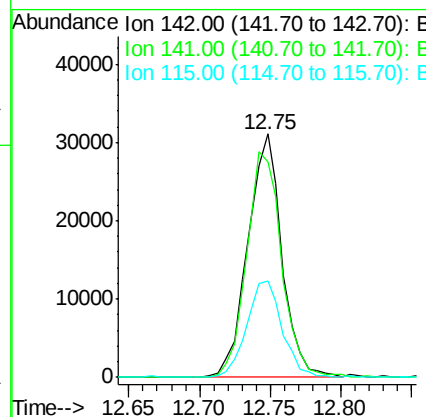
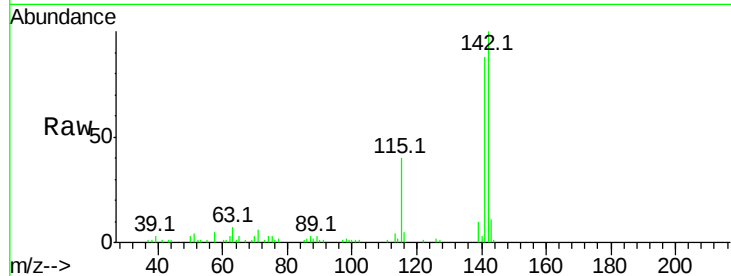




#37
 2-Methylnaphthalene
 Concen: 8.906 ng
 RT: 12.75 min Scan# 1559
 Delta R.T. 0.00 min
 Lab File: BG028858.D
 Acq: 21 Sep 2017 15:01

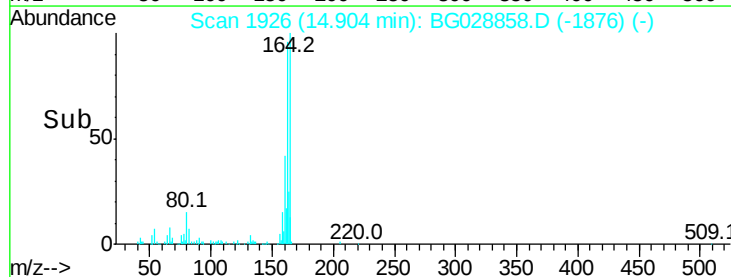
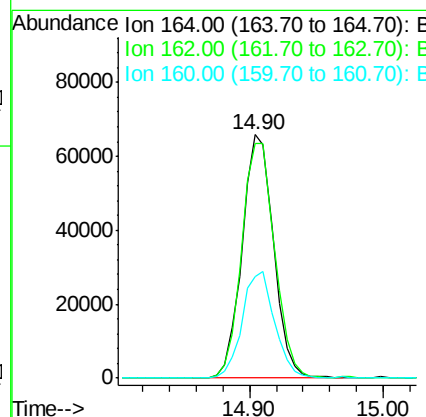
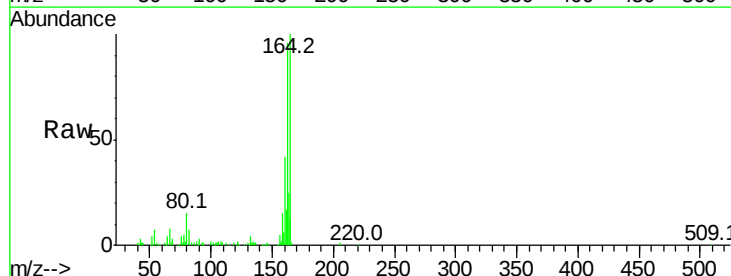
Instrument :
 BNA_G
 ClientSampleId :
 OILY-STONE

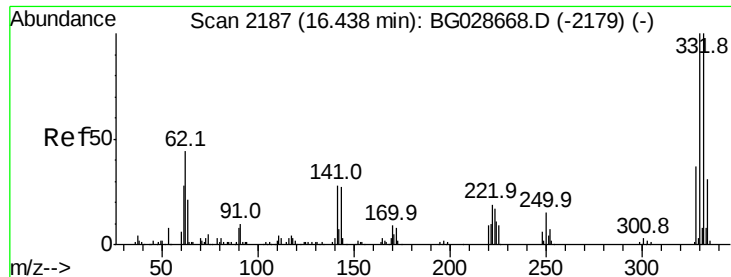
Tot Ion:142 Resp: 52442
 Ion Ratio Lower Upper
 142 100
 141 88.4 70.4 105.6
 115 39.8 35.5 53.3



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.90 min Scan# 1926
 Delta R.T. -0.01 min
 Lab File: BG028858.D
 Acq: 21 Sep 2017 15:01

Tgt Ion:164 Resp: 106922
 Ion Ratio Lower Upper
 164 100
 162 96.2 85.1 127.7
 160 41.9 34.7 52.1

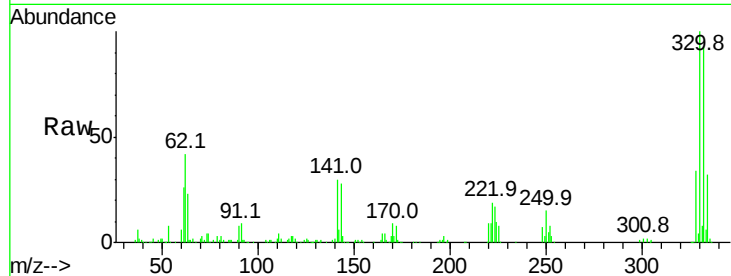




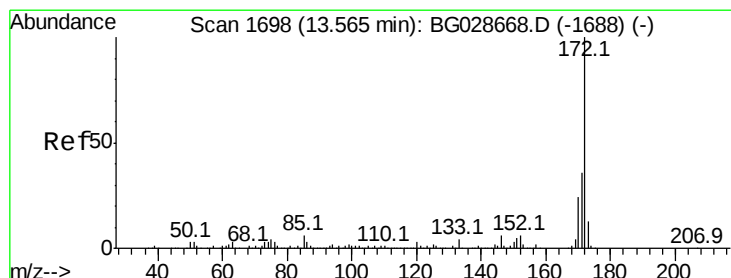
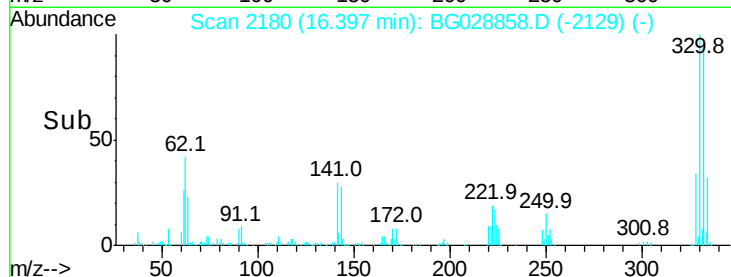
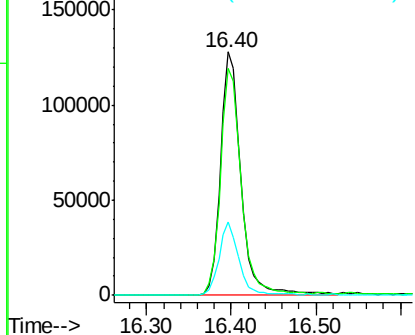
#41
 2,4,6-Tribromophenol
 Concen: 122.606 ng
 RT: 16.40 min Scan# 2180
 Delta R.T. 0.00 min
 Lab File: BG028858.D
 Acq: 21 Sep 2017 15:01

Instrument :
 BNA_G
 ClientSampleId :
 OILY-STONE

Tot Ion:330 Resp: 216819
 Ion Ratio Lower Upper
 330 100
 332 94.6 77.3 115.9
 141 28.7 32.1 48.1#

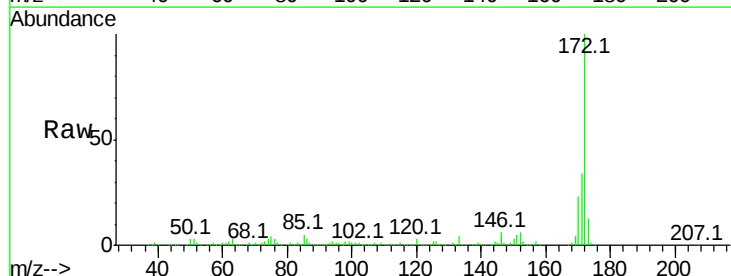


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

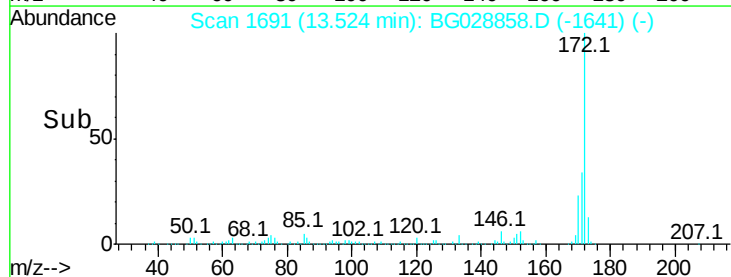
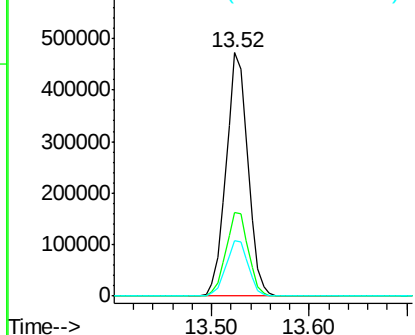


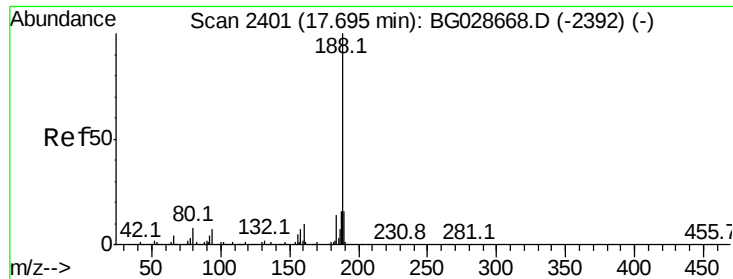
#44
 2-Fluorobiphenyl
 Concen: 91.280 ng
 RT: 13.52 min Scan# 1691
 Delta R.T. -0.01 min
 Lab File: BG028858.D
 Acq: 21 Sep 2017 15:01

Tgt Ion:172 Resp: 731937
 Ion Ratio Lower Upper
 172 100
 171 34.3 32.2 48.2
 170 22.9 21.8 32.6



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





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.66 min Scan# 2395

Delta R.T. 0.00 min

Lab File: BG028858.D

Acq: 21 Sep 2017 15:01

Instrument :

BNA_G

ClientSampleId :

OILY-STONE

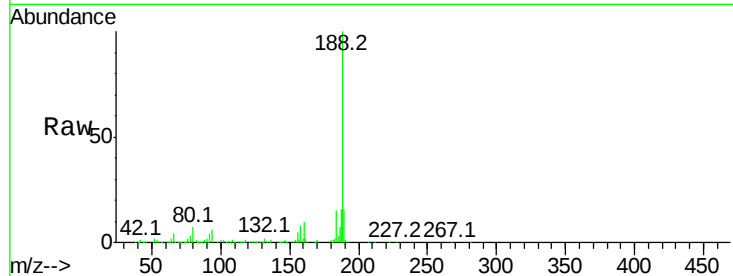
Tot Ion:188 Resp: 271828

Ion Ratio Lower Upper

188 100

94 6.1 5.8 8.8

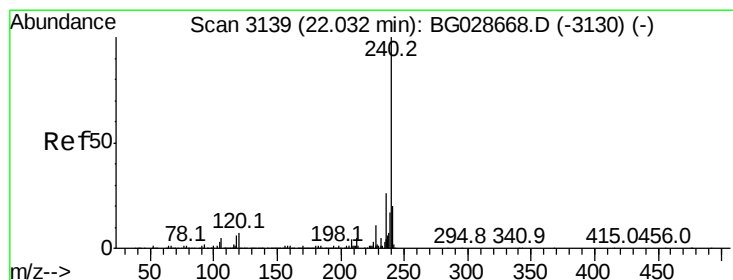
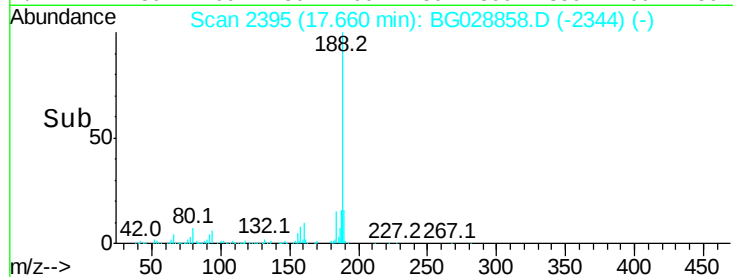
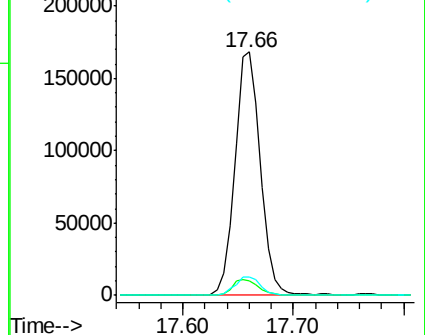
80 7.3 7.5 11.3#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.98 min Scan# 3131

Delta R.T. -0.01 min

Lab File: BG028858.D

Acq: 21 Sep 2017 15:01

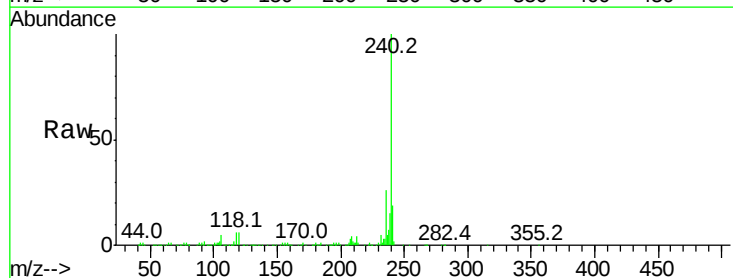
Tgt Ion:240 Resp: 301509

Ion Ratio Lower Upper

240 100

120 6.2 5.7 8.5

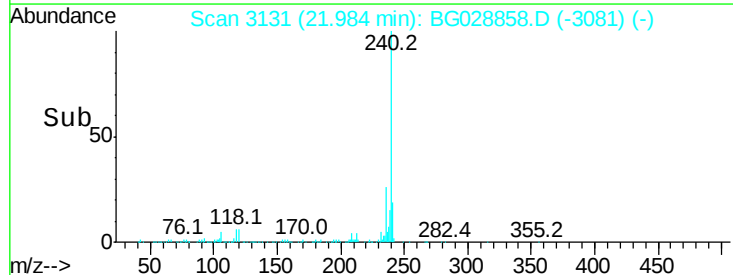
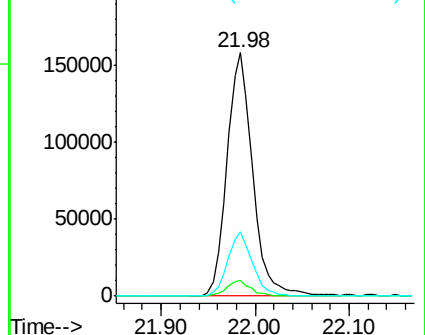
236 26.2 22.2 33.4

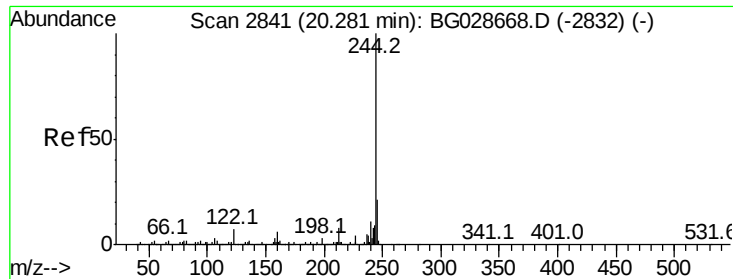


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 92.229 ng

RT: 20.25 min Scan# 2835

Delta R.T. 0.00 min

Lab File: BG028858.D

Acq: 21 Sep 2017 15:01

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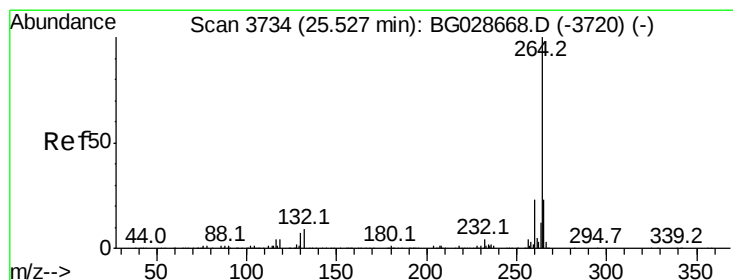
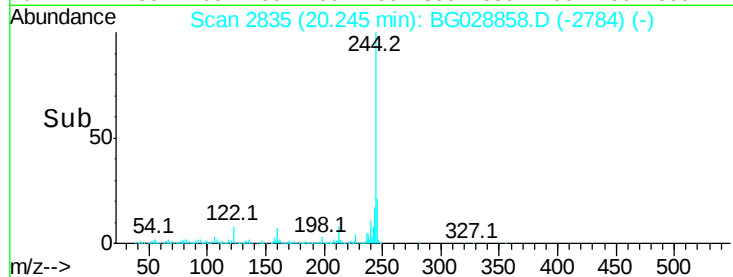
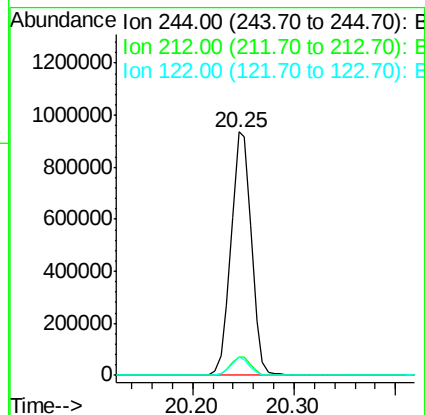
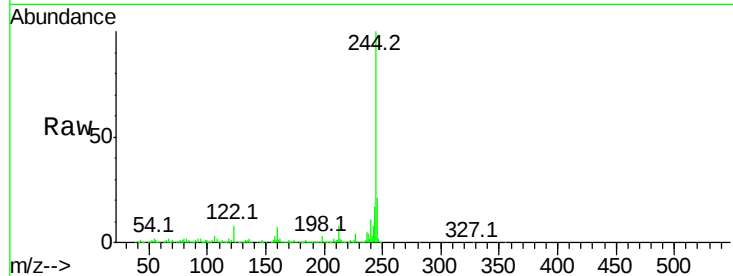
Tot Ion:244 Resp: 1303964

Ion Ratio Lower Upper

244 100

212 7.5 10.0 15.0#

122 7.7 8.6 12.8#



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.46 min Scan# 3722

Delta R.T. 0.00 min

Lab File: BG028858.D

Acq: 21 Sep 2017 15:01

Tgt Ion:264 Resp: 283926

Ion Ratio Lower Upper

264 100

260 22.8 21.8 32.8

265 22.0 18.2 27.4

