

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110218\
 Data File : BG037769.D
 Acq On : 3 Nov 2018 00:34
 Operator : JU/SJ
 Sample : J5803-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SODUS-TS-002

Quant Time: Nov 03 02:41:49 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 18 14:06:42 2018
 Response via : Initial Calibration

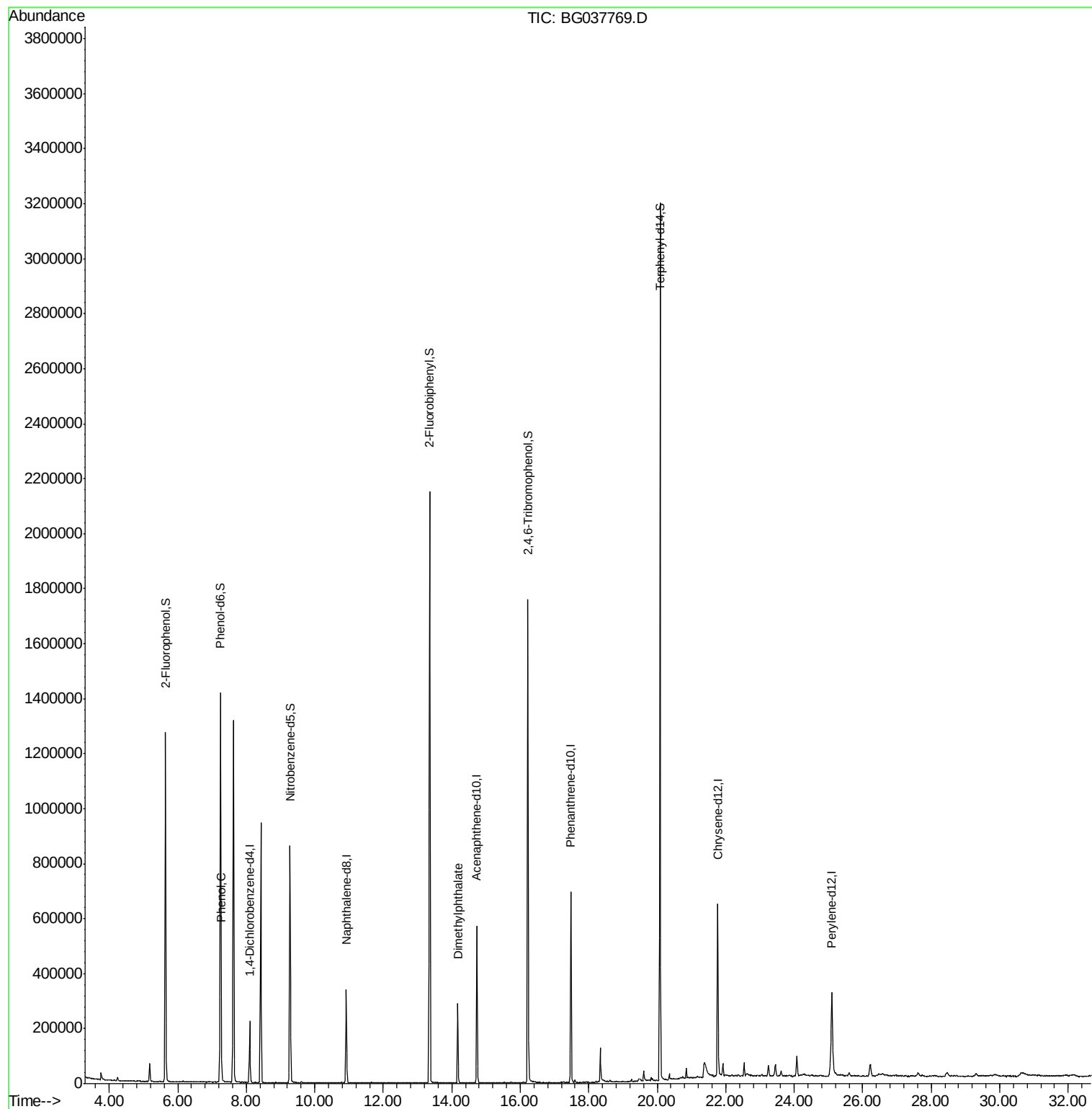
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	66920	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	304733	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	200187	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	446403	20.00	ng	0.00
76) Chrysene-d12	21.77	240	408348	20.00	ng	0.00
87) Perylene-d12	25.10	264	386253	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	600355	149.99	ng	0.00
7) Phenol-d6	7.25	99	904104	149.37	ng	0.00
23) Nitrobenzene-d5	9.28	82	550009	101.11	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	341516	156.41	ng	0.00
45) 2-Fluorobiphenyl	13.35	172	1197467	90.20	ng	-0.01
79) Terphenyl-d14	20.08	244	1539939	80.58	ng	0.00
Target Compounds						
10) Phenol	7.27	94	62484	9.784	ng	97
50) Dimethylphthalate	14.18	163	200813	12.967	ng	99

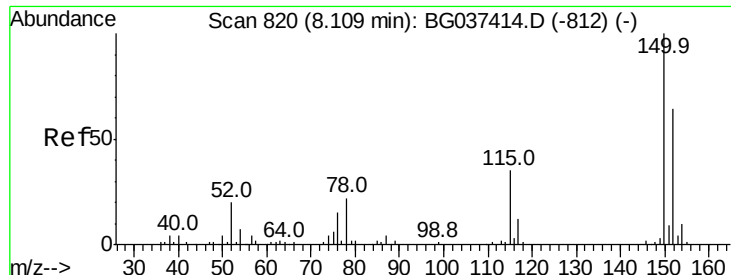
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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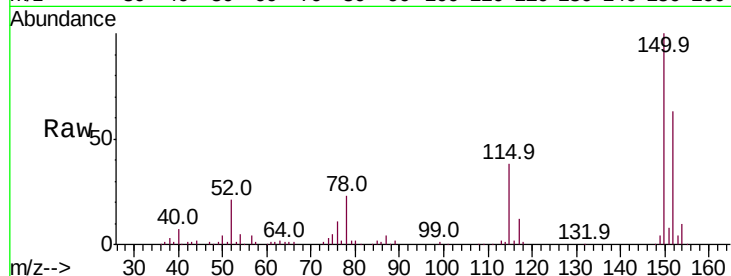


#1

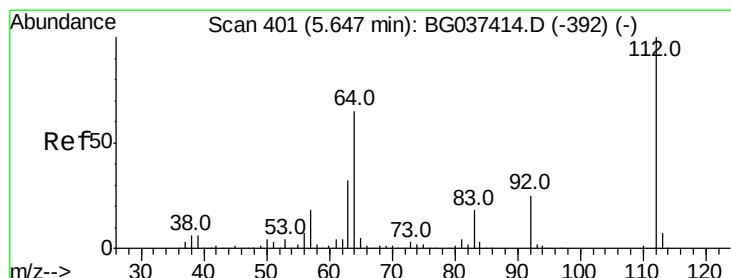
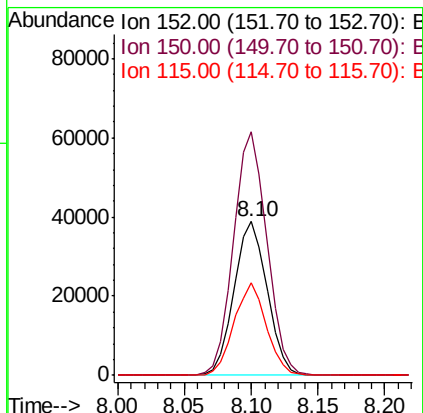
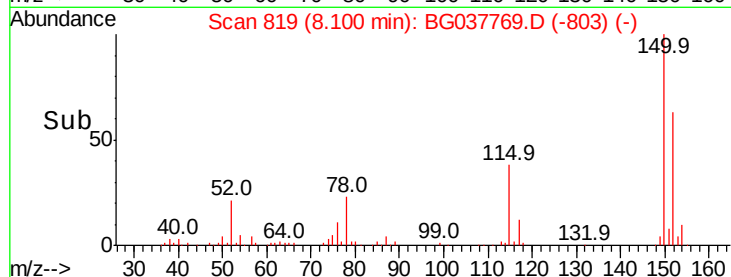
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG037769.D
Acq: 3 Nov 2018 00:34

Instrument :
BNA_G
ClientSampleId :
SODUS-TS-002

Tot Ion:152 Resp: 66920
Ion Ratio Lower Upper
152 100
150 158.2 126.0 189.0
115 60.0 45.5 68.3



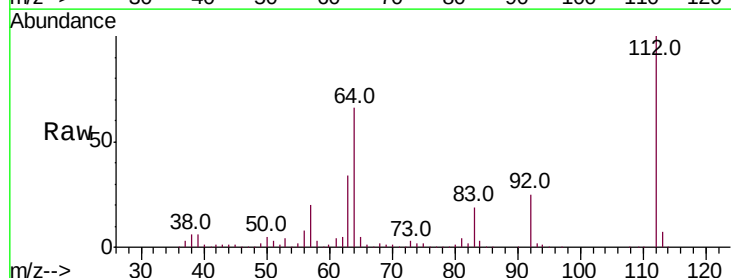
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



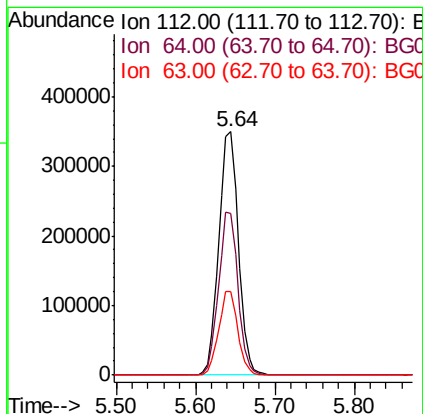
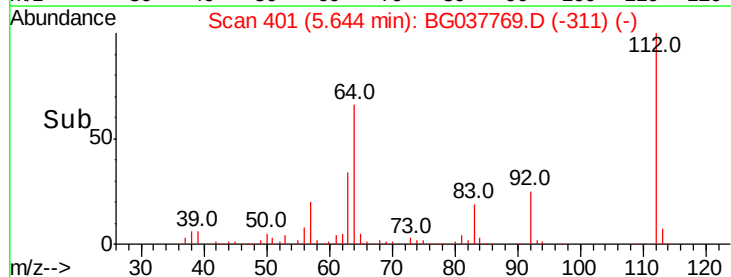
#5

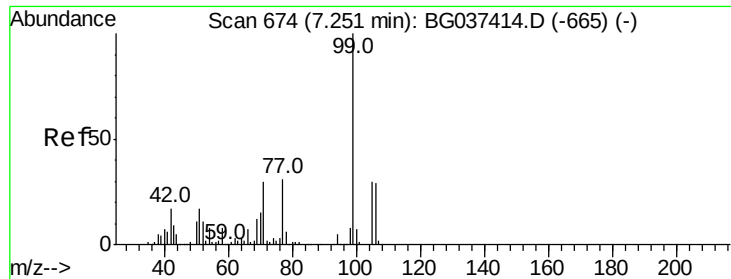
2-Fluorophenol
Concen: 149.986 ng
RT: 5.64 min Scan# 401
Delta R.T. -0.00 min
Lab File: BG037769.D
Acq: 3 Nov 2018 00:34

Tgt Ion:112 Resp: 600355
Ion Ratio Lower Upper
112 100
64 66.3 53.1 79.7
63 34.2 27.3 40.9



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 149.373 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG037769.D

Acq: 3 Nov 2018 00:34

Instrument :

BNA_G

ClientSampleId :

SODUS-TS-002

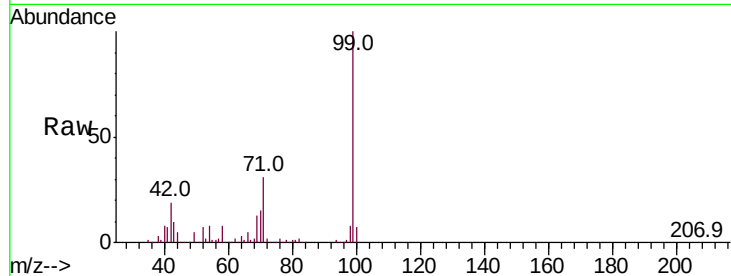
Tot Ion: 99 Resp: 904104

Ion Ratio Lower Upper

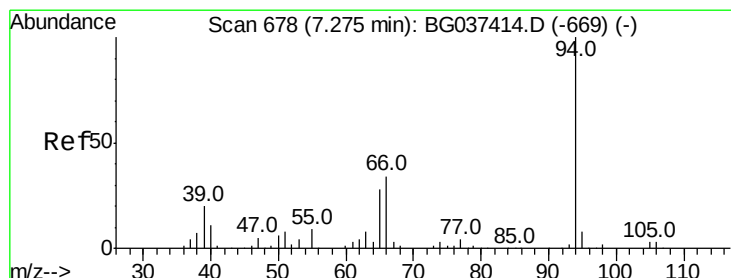
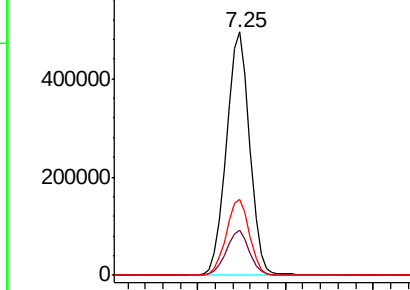
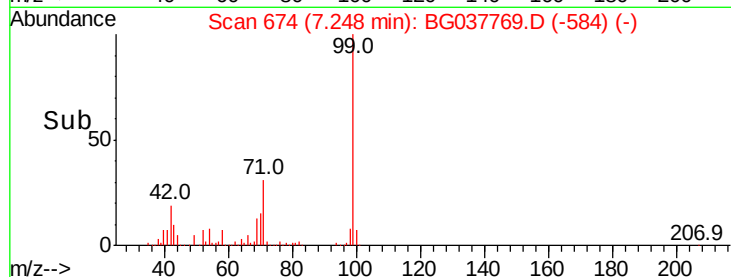
99 100

42 18.6 15.0 22.4

71 31.1 25.5 38.3



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



#10

Phenol

Concen: 9.784 ng

RT: 7.27 min Scan# 678

Delta R.T. -0.00 min

Lab File: BG037769.D

Acq: 3 Nov 2018 00:34

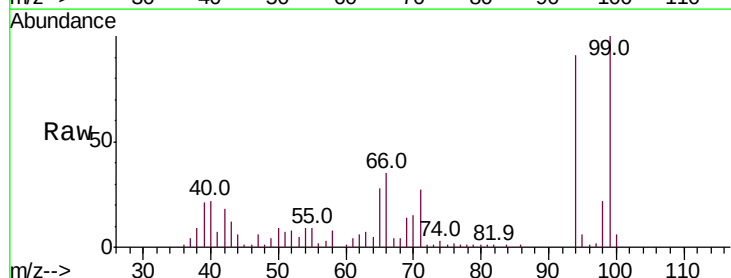
Tgt Ion: 94 Resp: 62484

Ion Ratio Lower Upper

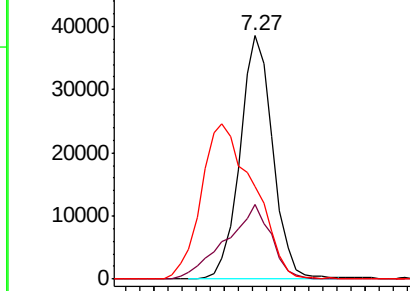
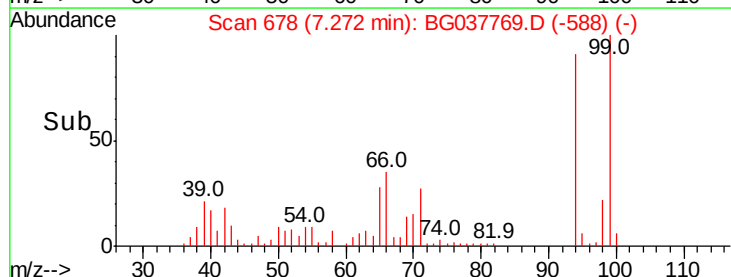
94 100

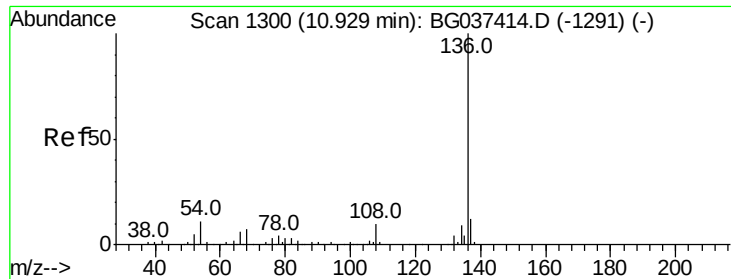
65 30.8 9.7 49.7

66 37.8 15.9 55.9



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.92 min Scan# 1299

Delta R.T. -0.01 min

Lab File: BG037769.D

Acq: 3 Nov 2018 00:34

Instrument :

BNA_G

ClientSampleId :

SODUS-TS-002

Tot Ion:136 Resp: 304733

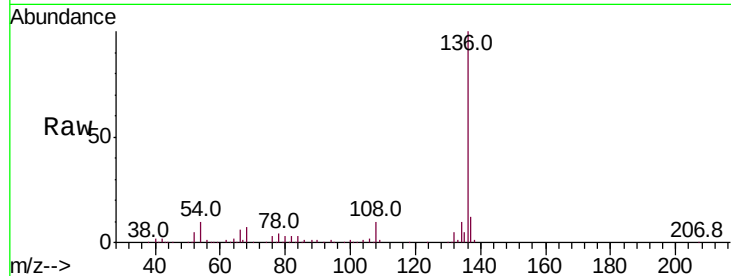
Ion Ratio Lower Upper

136 100

137 11.9 9.6 14.4

54 9.9 7.9 11.9

68 6.8 4.8 7.2

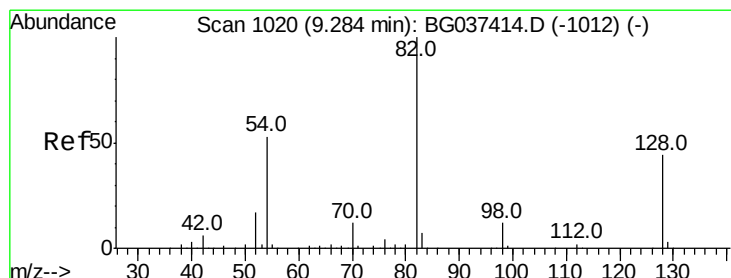
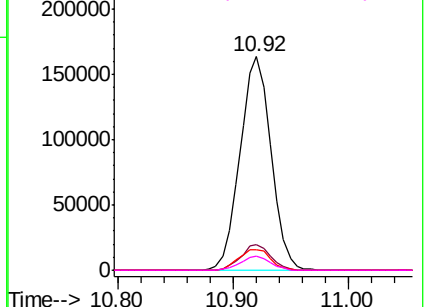
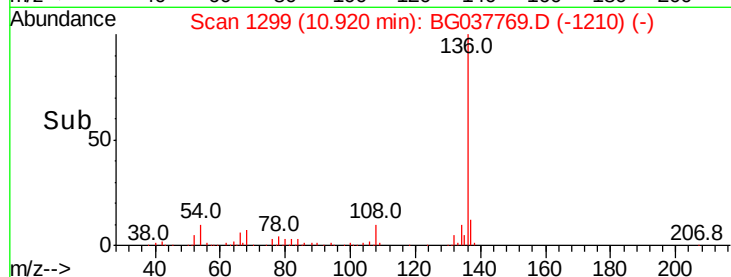


Abundance Ion 136.00 (135.70 to 136.70): E

250000 Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#23

Nitrobenzene-d5

Concen: 101.108 ng

RT: 9.28 min Scan# 1019

Delta R.T. -0.01 min

Lab File: BG037769.D

Acq: 3 Nov 2018 00:34

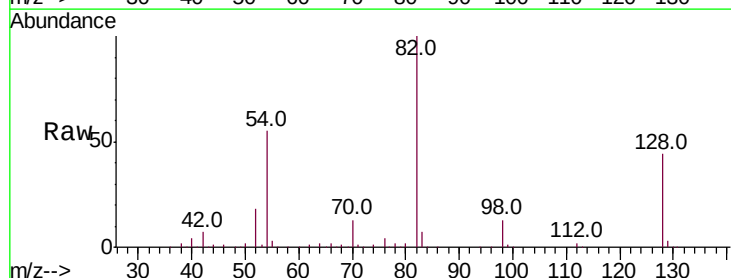
Tgt Ion: 82 Resp: 550009

Ion Ratio Lower Upper

82 100

128 44.4 34.6 51.8

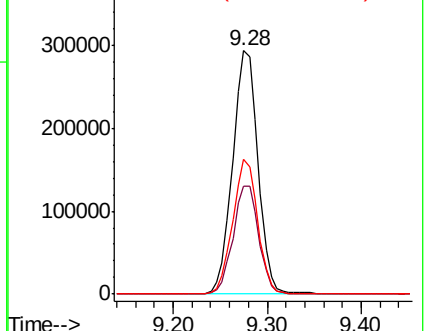
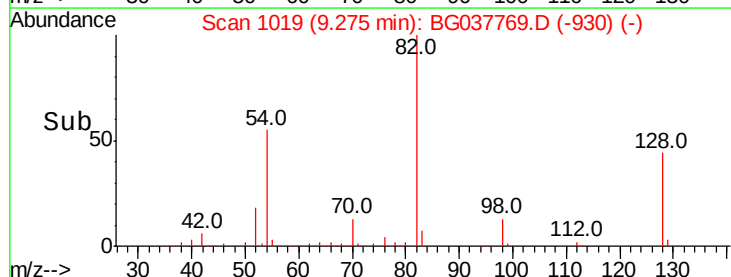
54 55.5 45.3 67.9

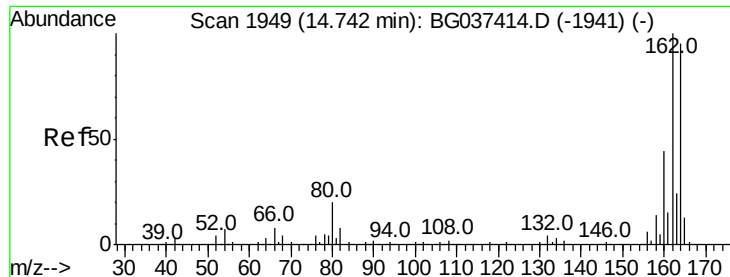


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.73 min Scan# 1948

Delta R.T. -0.01 min

Lab File: BG037769.D

Acq: 3 Nov 2018 00:34

Instrument :

BNA_G

ClientSampleId :

SODUS-TS-002

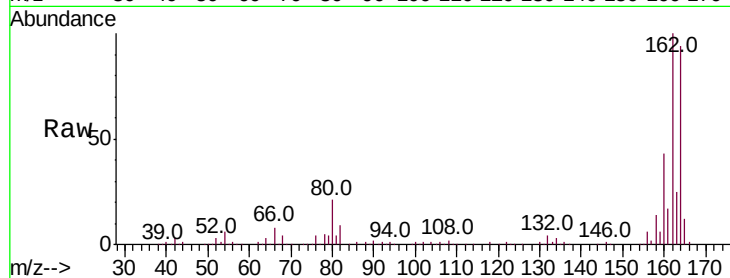
Tot Ion:164 Resp: 200187

Ion Ratio Lower Upper

164 100

162 105.9 81.3 121.9

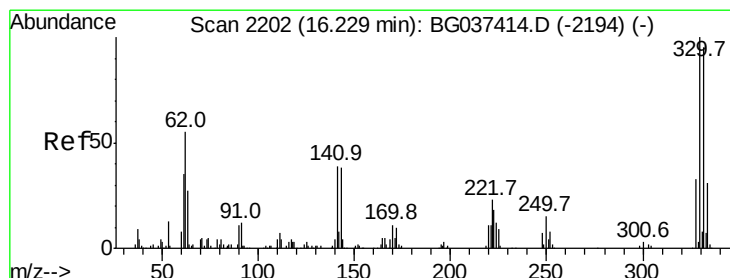
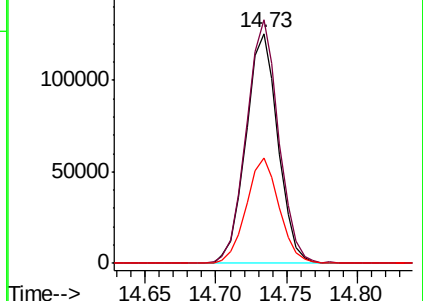
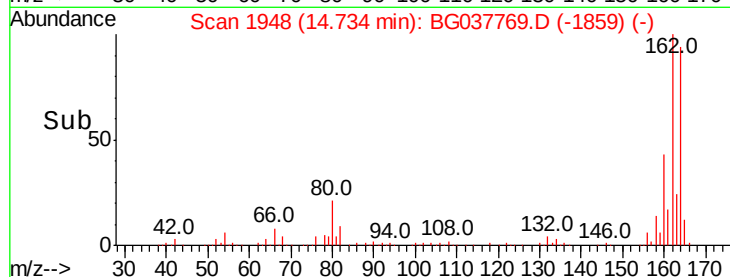
160 45.7 36.3 54.5



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



#42

2,4,6-Tribromophenol

Concen: 156.413 ng

RT: 16.22 min Scan# 2201

Delta R.T. -0.01 min

Lab File: BG037769.D

Acq: 3 Nov 2018 00:34

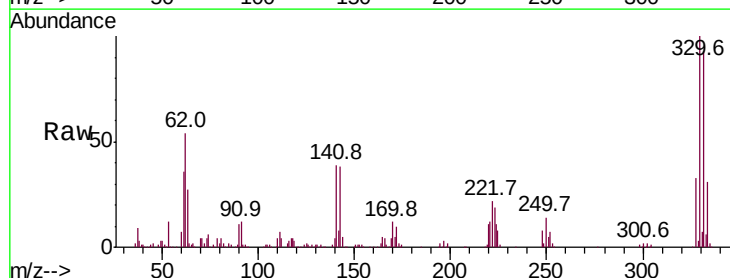
Tgt Ion:330 Resp: 341516

Ion Ratio Lower Upper

330 100

332 95.8 78.4 117.6

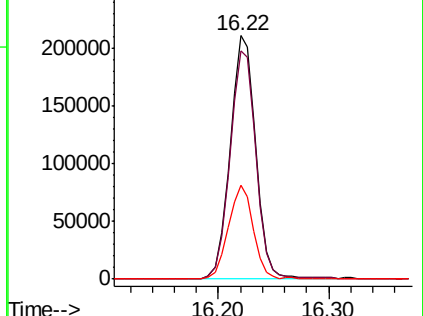
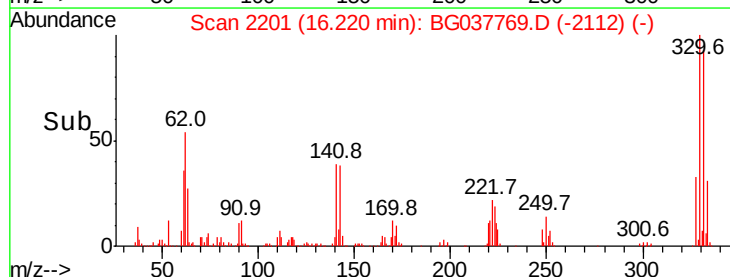
141 37.8 32.2 48.2

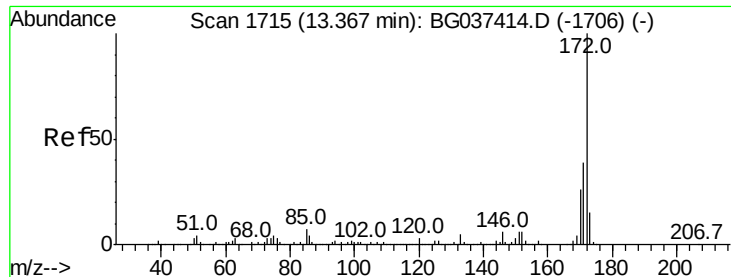


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

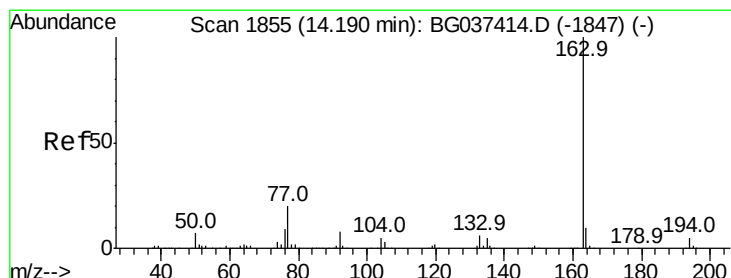
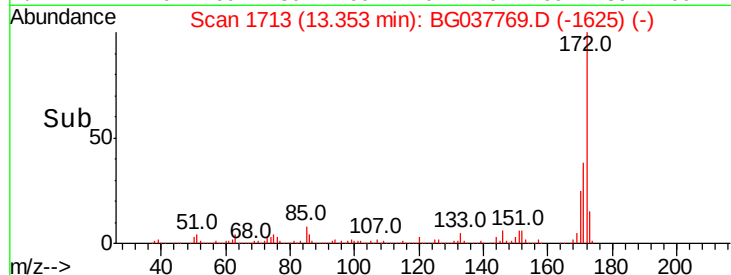
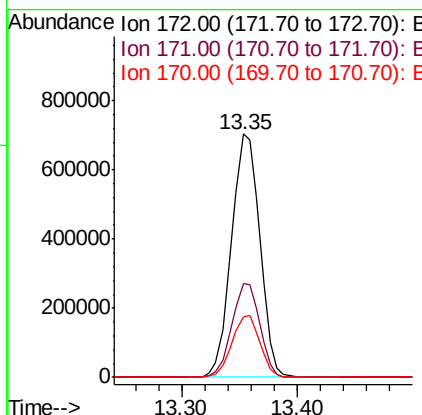
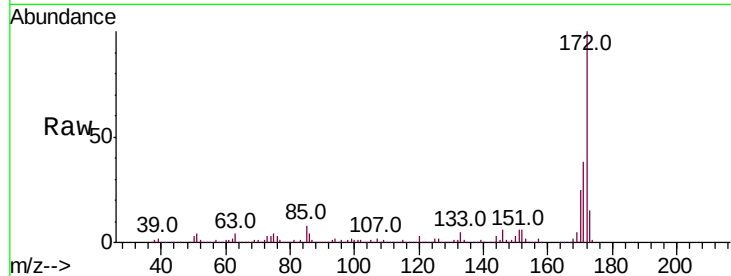




#45
2-Fluorobiphenyl
Concen: 90.201 ng
RT: 13.35 min Scan# 1713
Delta R.T. -0.01 min
Lab File: BG037769.D
Acq: 3 Nov 2018 00:34

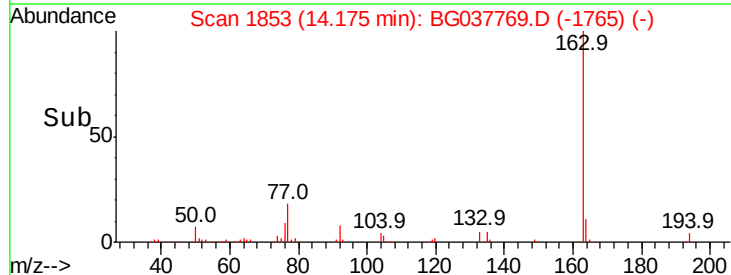
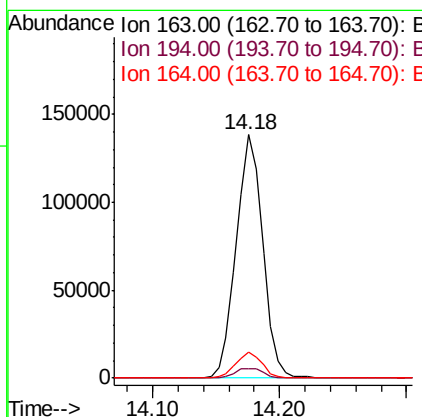
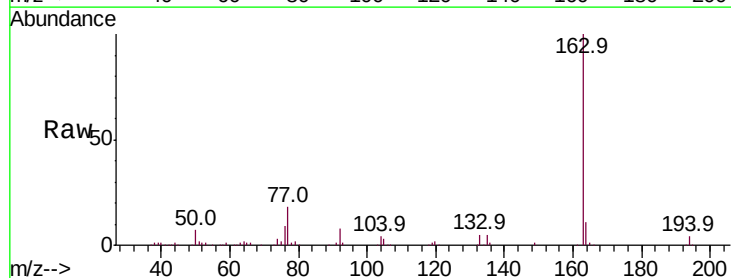
Instrument :
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SODUS-TS-002

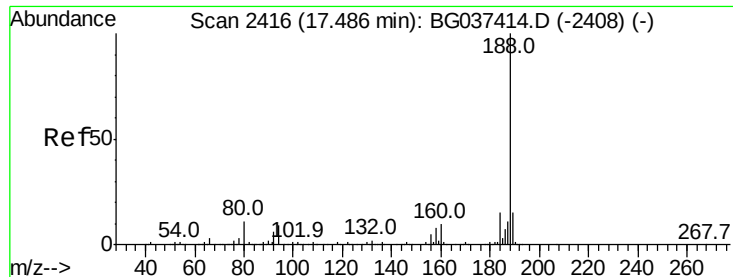
Tot Ion:172 Resp: 1197467
Ion Ratio Lower Upper
172 100
171 38.3 31.0 46.4
170 25.0 20.2 30.2



#50
Dimethylphthalate
Concen: 12.967 ng
RT: 14.18 min Scan# 1853
Delta R.T. -0.01 min
Lab File: BG037769.D
Acq: 3 Nov 2018 00:34

Tgt Ion:163 Resp: 200813
Ion Ratio Lower Upper
163 100
194 4.1 3.5 5.3
164 10.8 8.5 12.7

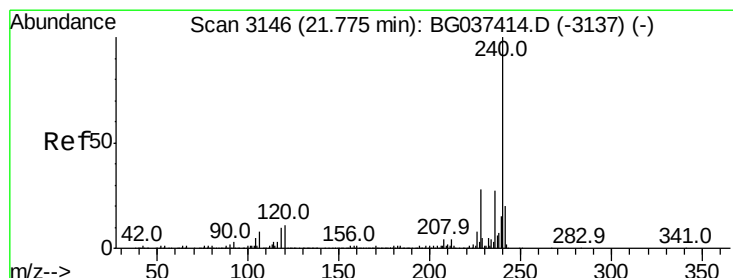
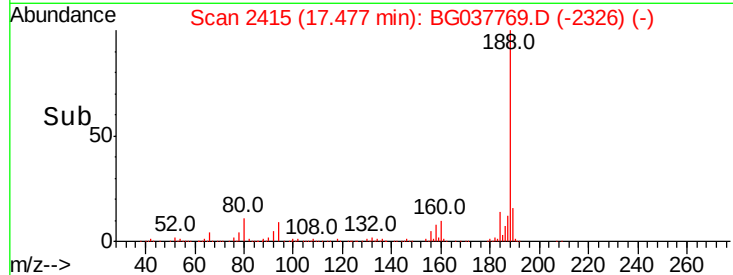
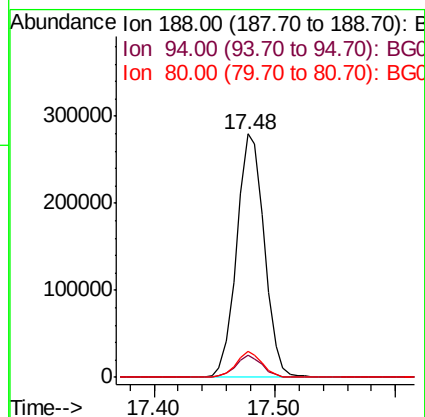
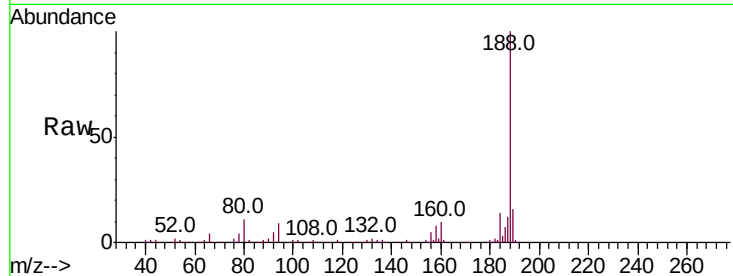




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2415
Delta R.T. -0.01 min
Lab File: BG037769.D
Acq: 3 Nov 2018 00:34

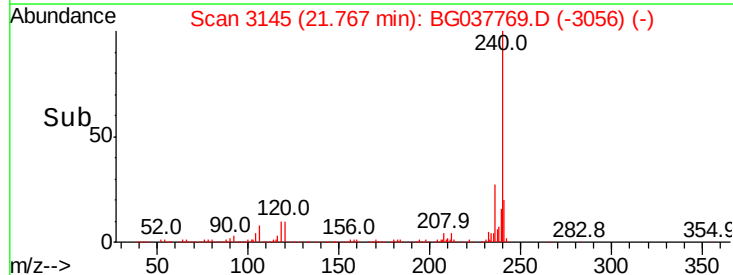
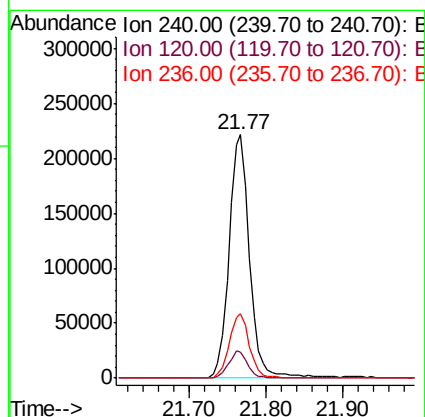
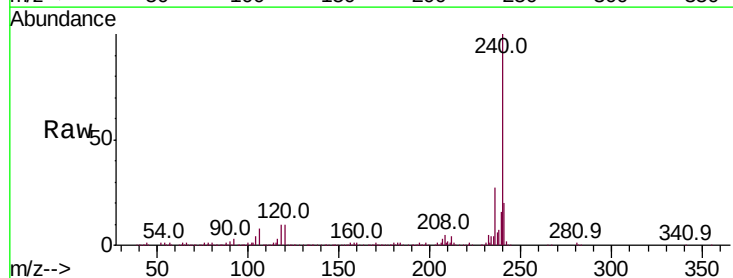
Instrument :
BNA_G
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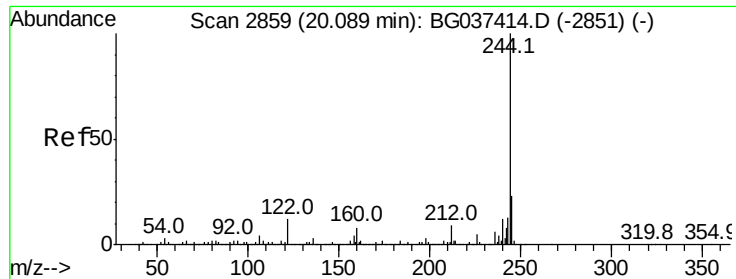
Tot Ion:188 Resp: 446403
Ion Ratio Lower Upper
188 100
94 9.1 7.2 10.8
80 10.7 7.7 11.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.77 min Scan# 3145
Delta R.T. -0.01 min
Lab File: BG037769.D
Acq: 3 Nov 2018 00:34

Tgt Ion:240 Resp: 408348
Ion Ratio Lower Upper
240 100
120 10.5 8.1 12.1
236 26.6 21.4 32.0





#79

Terphenyl-d14

Concen: 80.581 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG037769.D

Acq: 3 Nov 2018 00:34

Instrument :

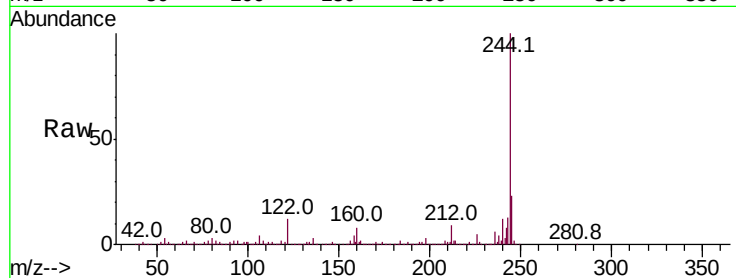
BNA_G

ClientSampleId :

SODUS-TS-002

Tot Ion:244 Resp: 1539939

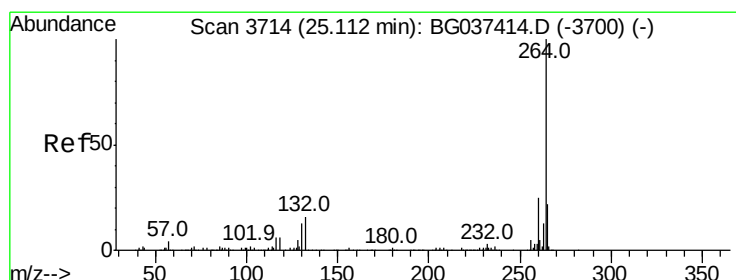
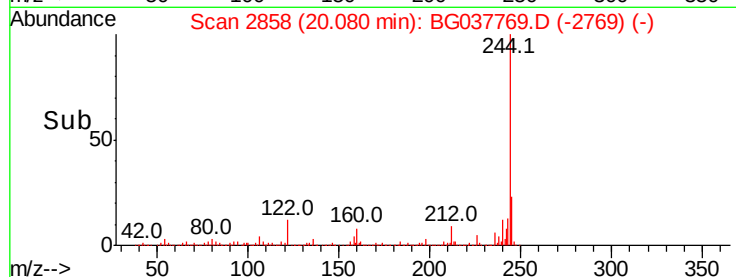
Ion	Ratio	Lower	Upper
244	100		
212	8.5	6.5	9.7
122	11.5	9.0	13.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.10 min Scan# 3713

Delta R.T. -0.01 min

Lab File: BG037769.D

Acq: 3 Nov 2018 00:34

Tgt Ion:264 Resp: 386253

Ion	Ratio	Lower	Upper
264	100		
260	21.9	18.2	27.4
265	21.3	17.9	26.9

