

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011620\
 Data File : BG044069.D
 Acq On : 16 Jan 2020 15:22
 Operator : JU
 Sample : L1125-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FESB-33-(3.5-4)

Quant Time: Jan 17 07:18:20 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 31 13:32:23 2019
 Response via : Initial Calibration

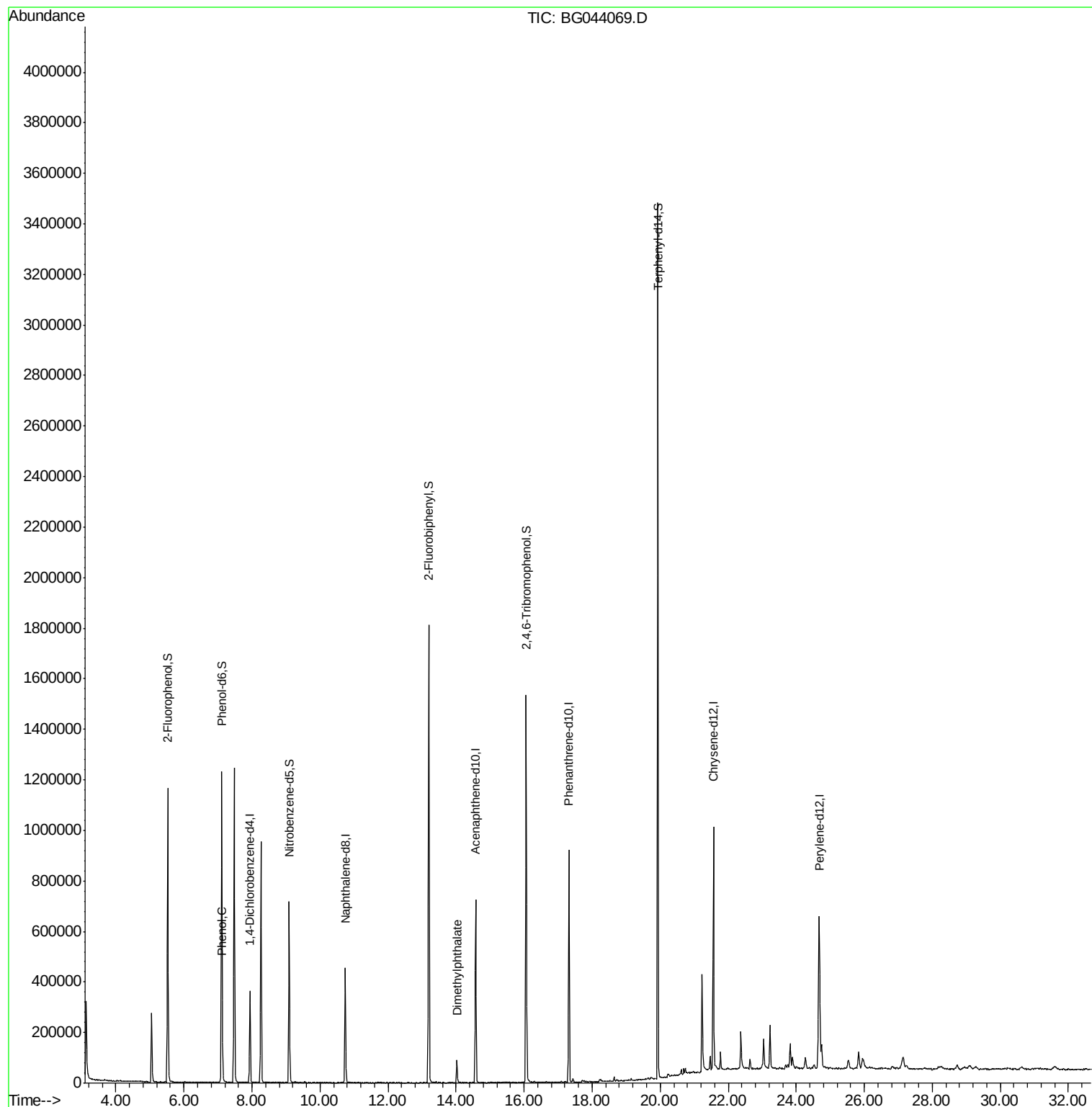
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.94	152	107941	20.00	ng	-0.02
21) Naphthalene-d8	10.74	136	433861	20.00	ng	-0.02
39) Acenaphthene-d10	14.57	164	263601	20.00	ng	-0.02
64) Phenanthrene-d10	17.32	188	577759	20.00	ng	-0.02
76) Chrysene-d12	21.56	240	552215	20.00	ng	-0.03
87) Perylene-d12	24.67	264	625915	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	586407	99.75	ng	-0.02
7) Phenol-d6	7.11	99	801396	97.52	ng	-0.01
23) Nitrobenzene-d5	9.09	82	460549	56.79	ng	-0.03
42) 2,4,6-Tribromophenol	16.06	330	288856	104.71	ng	-0.02
45) 2-Fluorobiphenyl	13.20	172	1003135	68.95	ng	-0.02
79) Terphenyl-d14	19.93	244	1578430	64.27	ng	-0.02
Target Compounds						
10) Phenol	7.14	94	18753	2.215	ng	83
50) Dimethylphthalate	14.03	163	72668	3.883	ng	# 94

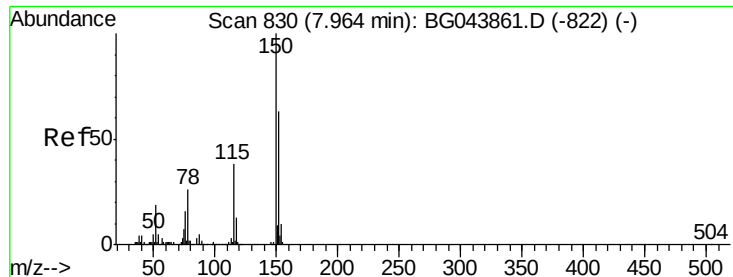
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Dec 31 13:32:23 2019
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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.94 min Scan# 826

Delta R.T. -0.02 min

Lab File: BG044069.D

Acq: 16 Jan 2020 15:22

Instrument :

BNA_G

ClientSampleId :

FESB-33-(3.5-4)

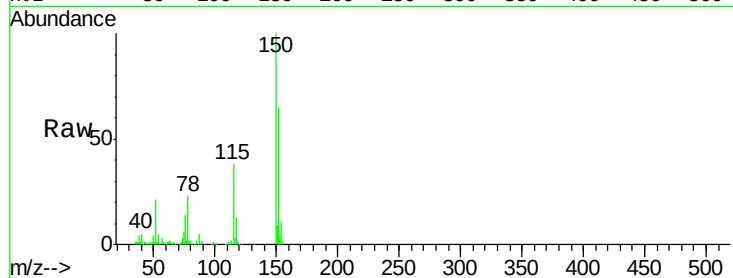
Tot Ion:152 Resp: 107941

Ion Ratio Lower Upper

152 100

150 153.6 127.0 190.4

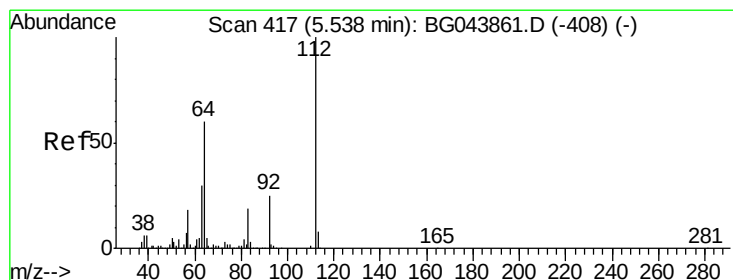
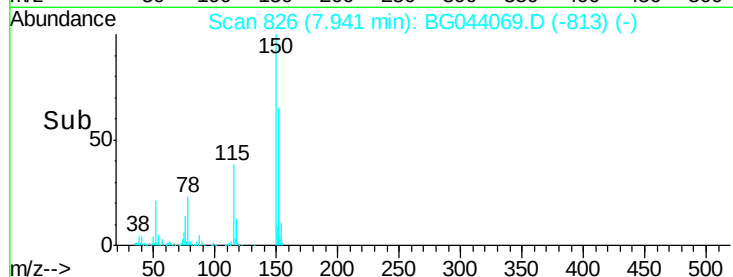
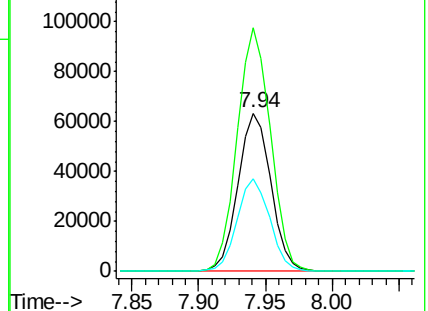
115 58.6 47.8 71.8



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: 99.750 ng

RT: 5.52 min Scan# 414

Delta R.T. -0.02 min

Lab File: BG044069.D

Acq: 16 Jan 2020 15:22

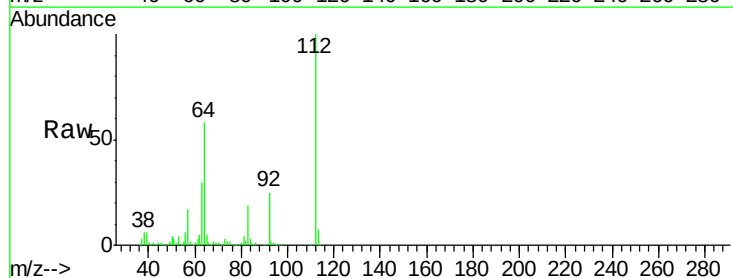
Tgt Ion:112 Resp: 586407

Ion Ratio Lower Upper

112 100

64 57.8 47.8 71.6

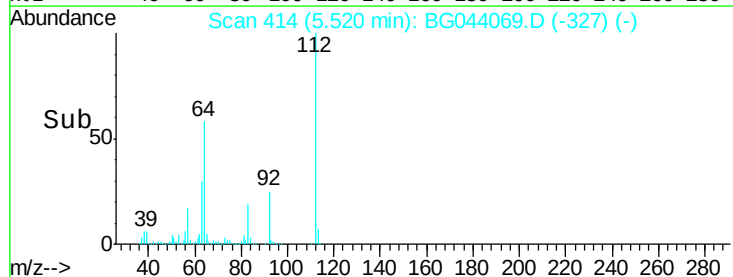
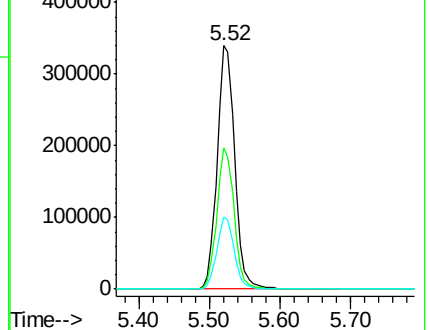
63 29.8 24.3 36.5

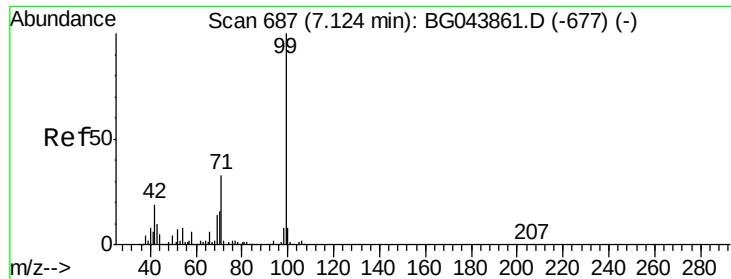


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 97.524 ng

RT: 7.11 min Scan# 685

Delta R.T. -0.01 min

Lab File: BG044069.D

Acq: 16 Jan 2020 15:22

Instrument :

BNA_G

ClientSampleId :

FESB-33-(3.5-4)

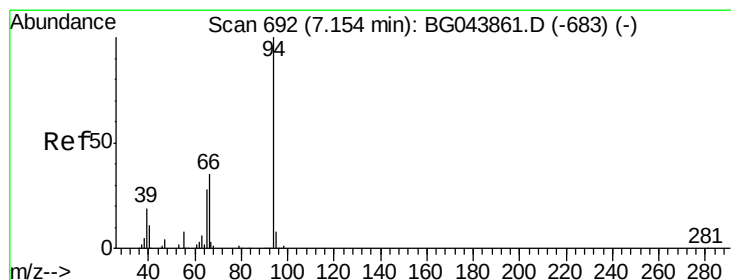
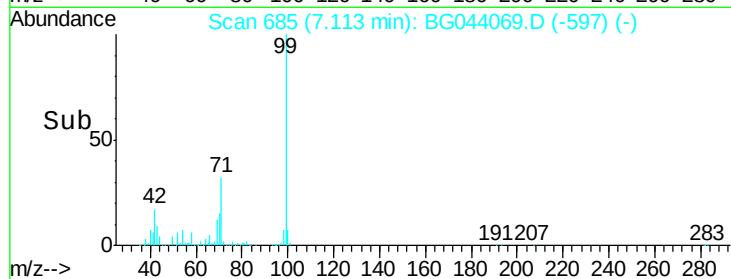
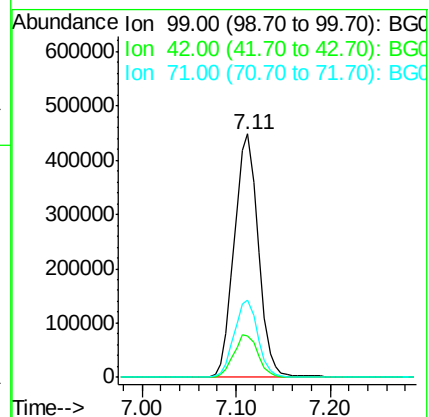
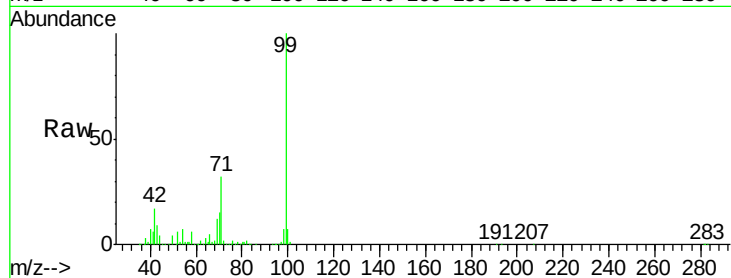
Tot Ion: 99 Resp: 801396

Ion Ratio Lower Upper

99 100

42 17.2 14.9 22.3

71 31.6 26.4 39.6



#10

Phenol

Concen: 2.215 ng

RT: 7.14 min Scan# 689

Delta R.T. -0.02 min

Lab File: BG044069.D

Acq: 16 Jan 2020 15:22

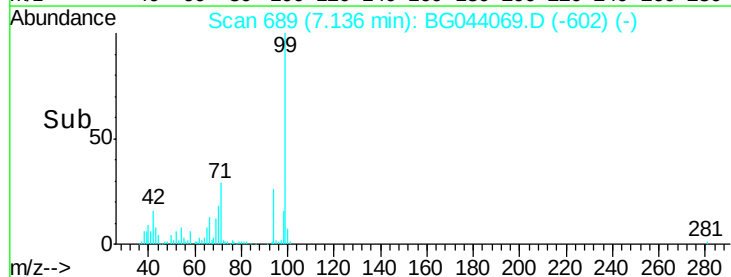
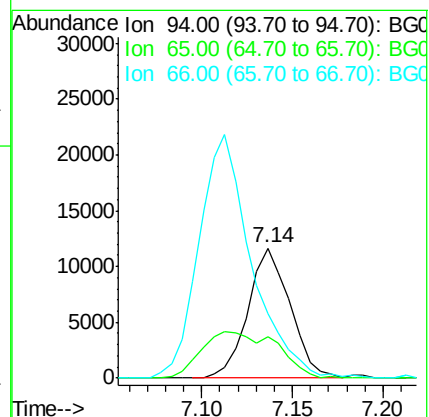
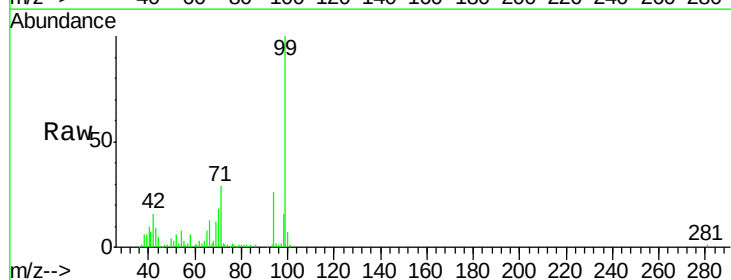
Tgt Ion: 94 Resp: 18753

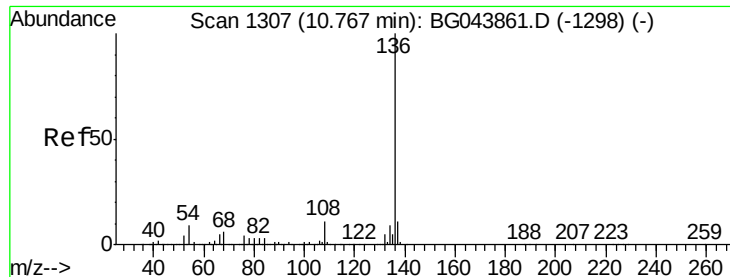
Ion Ratio Lower Upper

94 100

65 32.2 8.1 48.1

66 49.4 15.6 55.6

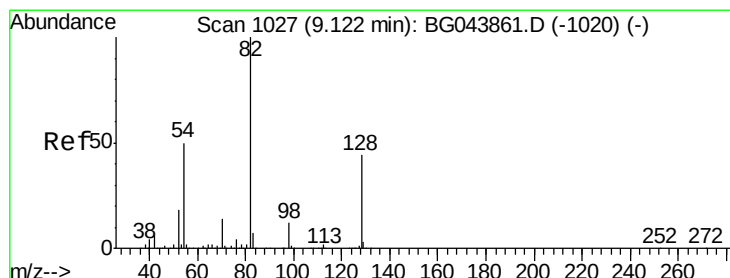
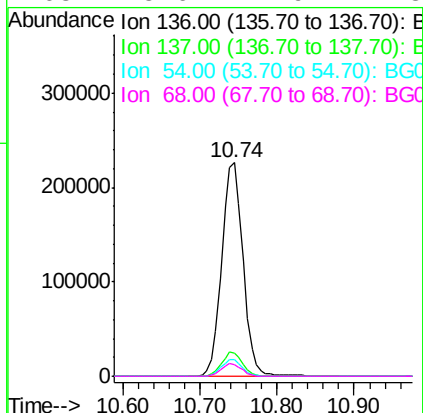
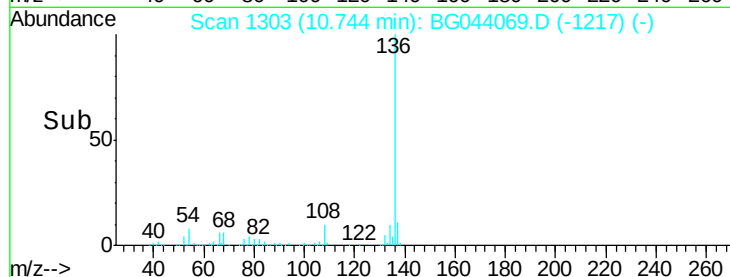
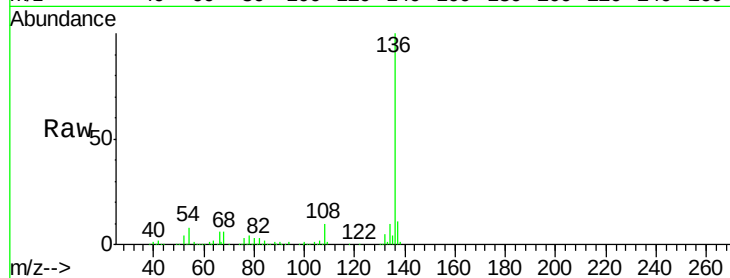




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.74 min Scan# 1303
Delta R.T. -0.02 min
Lab File: BG044069.D
Acq: 16 Jan 2020 15:22

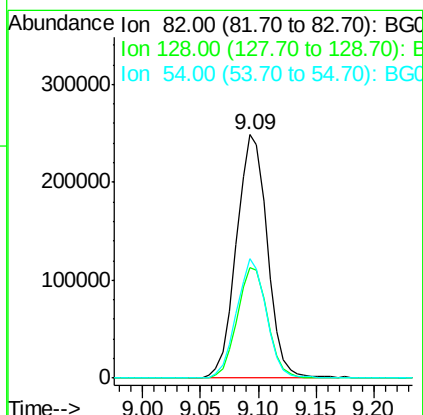
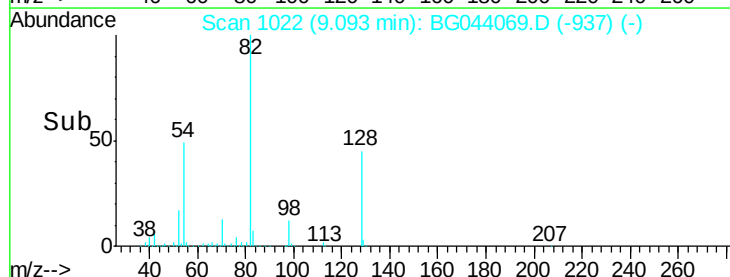
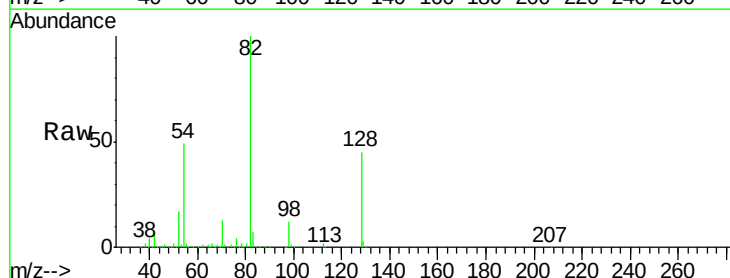
Instrument :
BNA_G
ClientSampleId :
FESB-33-(3.5-4)

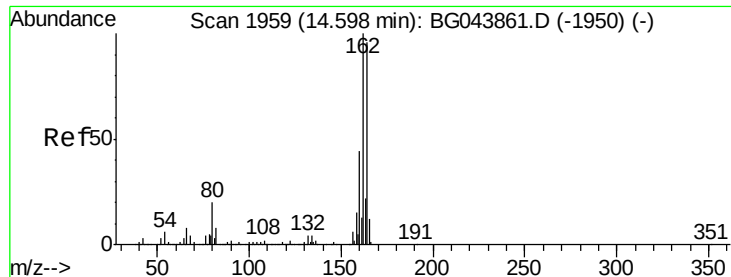
Tot Ion:136	Resp:	433861
Ion	Ratio	Lower Upper
136	100	
137	10.7	8.8 13.2
54	7.6	7.0 10.4
68	5.6	4.9 7.3



#23
Nitrobenzene-d5
Concen: 56.787 ng
RT: 9.09 min Scan# 1022
Delta R.T. -0.03 min
Lab File: BG044069.D
Acq: 16 Jan 2020 15:22

Tgt Ion: 82	Resp:	460549
Ion	Ratio	Lower Upper
82	100	
128	45.2	35.1 52.7
54	48.8	40.1 60.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.57 min Scan# 1955

Delta R.T. -0.02 min

Lab File: BG044069.D

Acq: 16 Jan 2020 15:22

Instrument :

BNA_G

ClientSampleId :

FESB-33-(3.5-4)

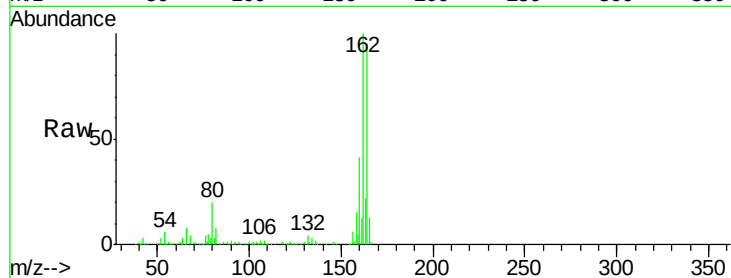
Tot Ion:164 Resp: 263601

Ion Ratio Lower Upper

164 100

162 104.8 83.0 124.4

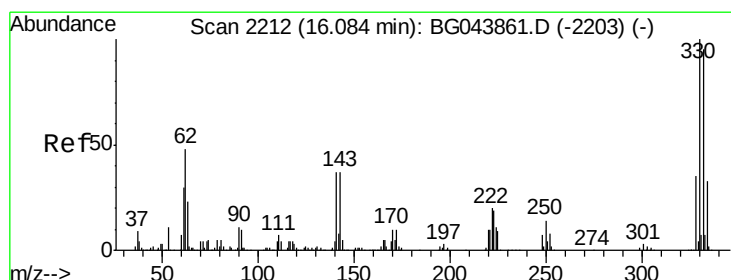
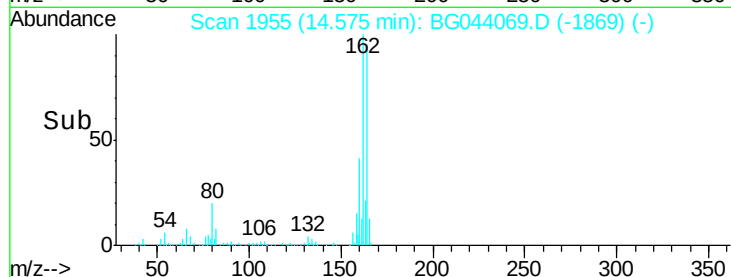
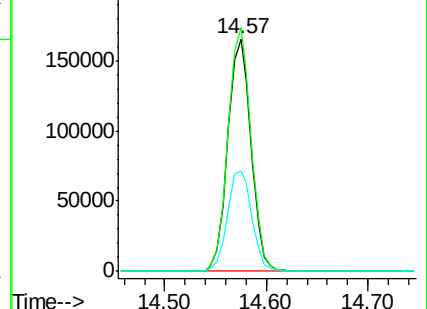
160 43.1 36.1 54.1



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: 104.714 ng

RT: 16.06 min Scan# 2208

Delta R.T. -0.02 min

Lab File: BG044069.D

Acq: 16 Jan 2020 15:22

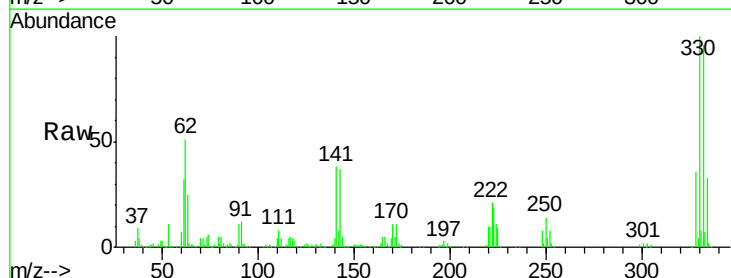
Tgt Ion:330 Resp: 288856

Ion Ratio Lower Upper

330 100

332 96.0 77.2 115.8

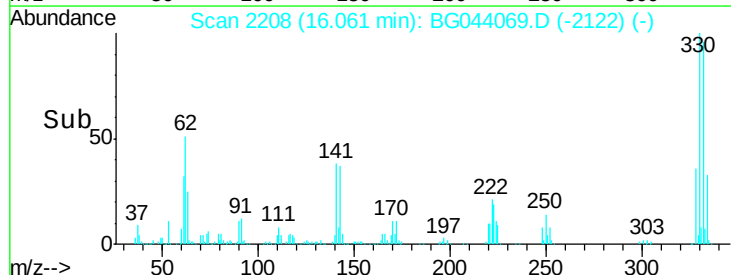
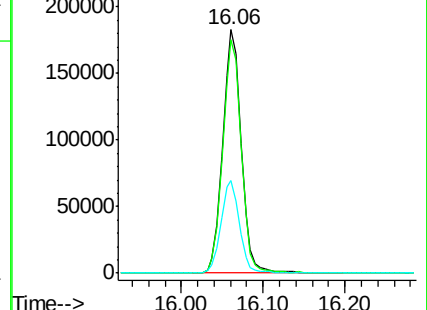
141 37.9 33.1 49.7

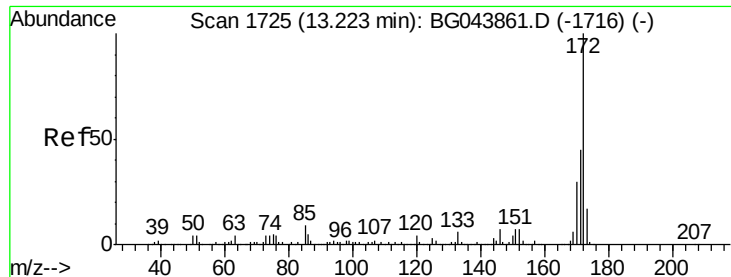


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

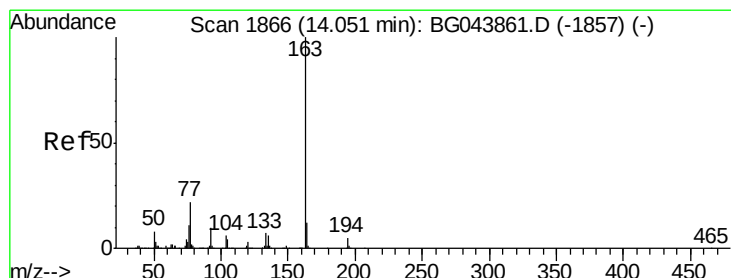
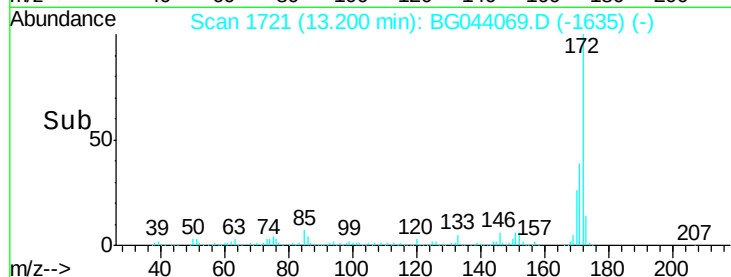
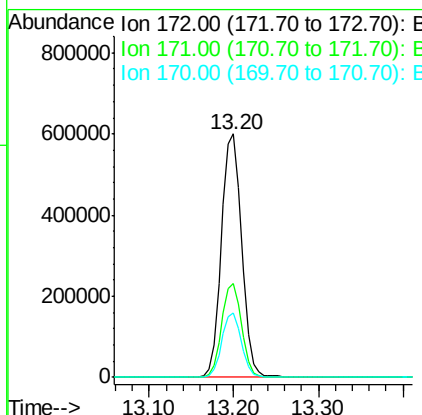
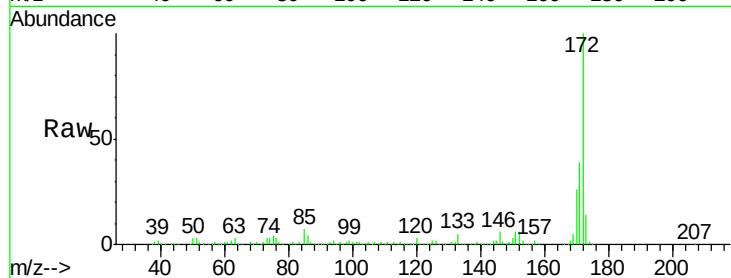




#45
2-Fluorobiphenyl
Concen: 68.947 ng
RT: 13.20 min Scan# 1721
Delta R.T. -0.02 min
Lab File: BG044069.D
Acq: 16 Jan 2020 15:22

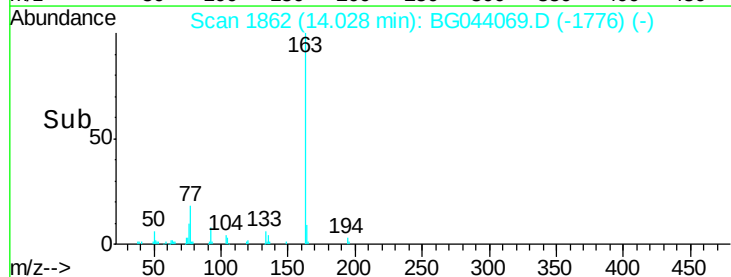
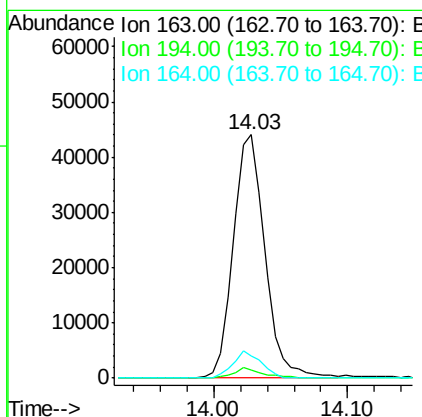
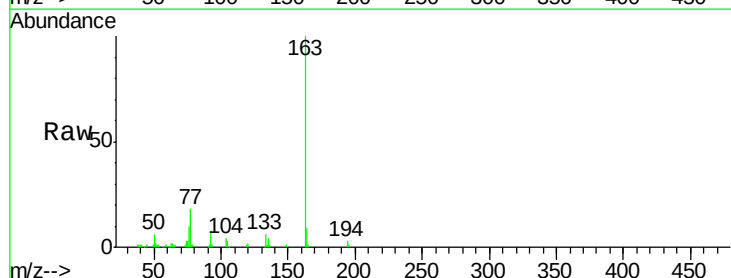
Instrument :
BNA_G
ClientSampleId :
FESB-33-(3.5-4)

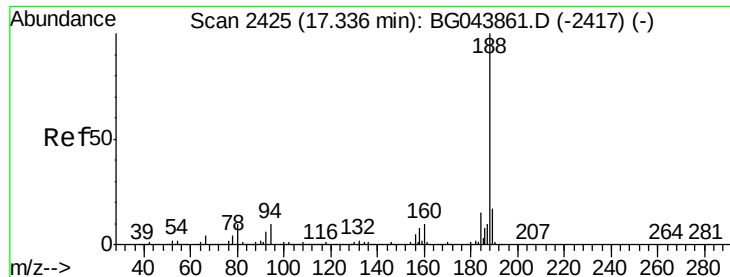
Tot Ion:172 Resp: 1003135
Ion Ratio Lower Upper
172 100
171 38.6 35.8 53.8
170 26.3 24.2 36.4



#50
Dimethylphthalate
Concen: 3.883 ng
RT: 14.03 min Scan# 1862
Delta R.T. -0.02 min
Lab File: BG044069.D
Acq: 16 Jan 2020 15:22

Tgt Ion:163 Resp: 72668
Ion Ratio Lower Upper
163 100
194 3.4 3.7 5.5#
164 9.1 9.3 13.9#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.32 min Scan# 2422

Delta R.T. -0.02 min

Lab File: BG044069.D

Acq: 16 Jan 2020 15:22

Instrument :

BNA_G

ClientSampleId :

FESB-33-(3.5-4)

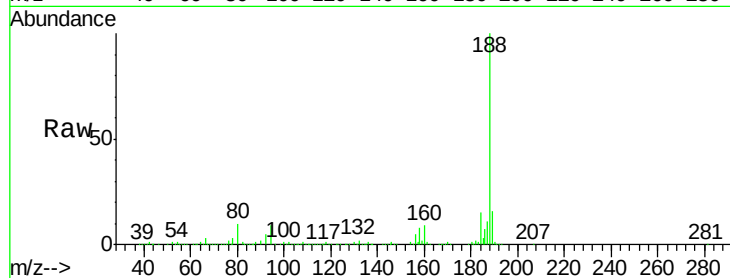
Tot Ion:188 Resp: 577759

Ion Ratio Lower Upper

188 100

94 8.9 7.9 11.9

80 9.9 8.2 12.4



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

400000

300000

200000

100000

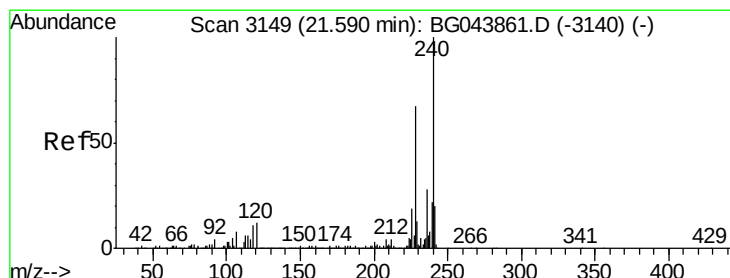
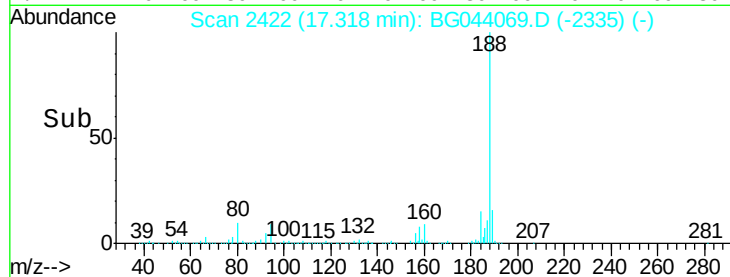
0

17.32

17.30

17.40

Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.56 min Scan# 3144

Delta R.T. -0.03 min

Lab File: BG044069.D

Acq: 16 Jan 2020 15:22

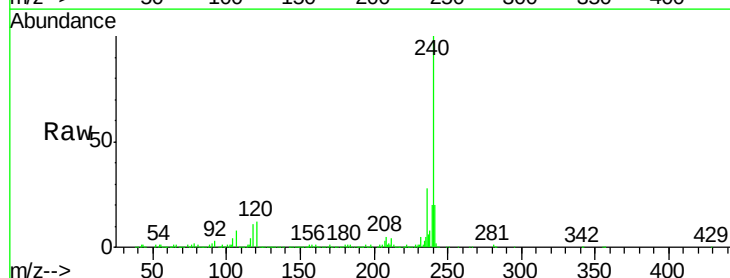
Tgt Ion:240 Resp: 552215

Ion Ratio Lower Upper

240 100

120 11.6 9.6 14.4

236 27.8 22.2 33.2



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

400000

300000

200000

100000

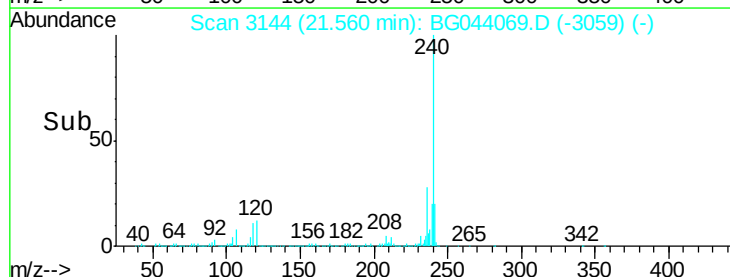
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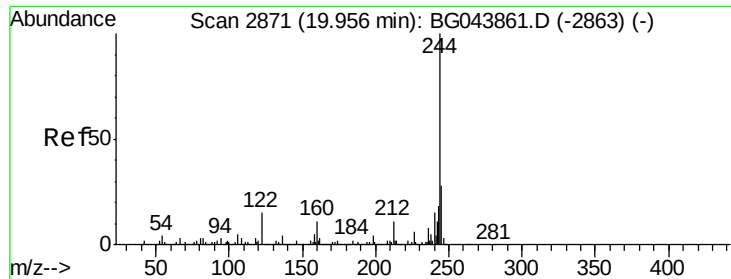
21.56

21.50

21.60

Time-->





#79

Terphenyl-d14

Concen: 64.266 ng

RT: 19.93 min Scan# 2867

Delta R.T. -0.02 min

Lab File: BG044069.D

Acq: 16 Jan 2020 15:22

Instrument :

BNA_G

ClientSampleId :

FESB-33-(3.5-4)

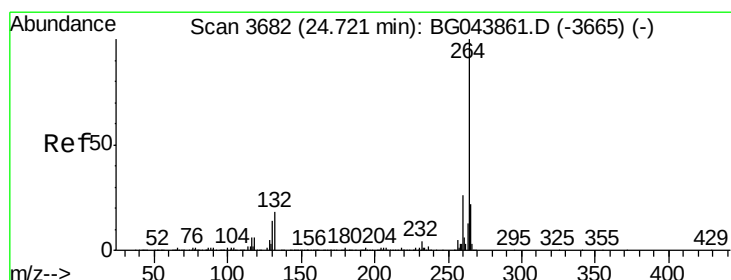
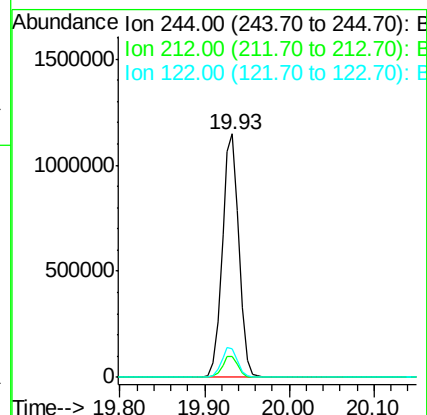
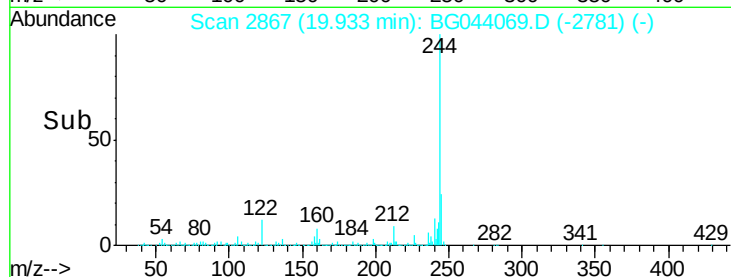
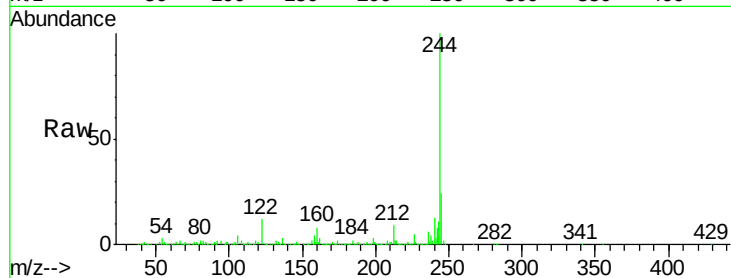
Tot Ion:244 Resp: 1578430

Ion Ratio Lower Upper

244 100

212 8.8 8.6 13.0

122 11.8 11.9 17.9#



#87

Perylene-d12

Concen: 20.000 ng

RT: 24.67 min Scan# 3674

Delta R.T. -0.05 min

Lab File: BG044069.D

Acq: 16 Jan 2020 15:22

Tgt Ion:264 Resp: 625915

Ion Ratio Lower Upper

264 100

260 24.8 20.4 30.6

265 22.1 17.4 26.2

