

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121518\
 Data File : BG038628.D
 Acq On : 16 Dec 2018 6:49
 Operator : JU/SJ
 Sample : J6386-07
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P001-SS005-1218-01

Quant Time: Dec 17 03:06:19 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 15:26:27 2018
 Response via : Initial Calibration

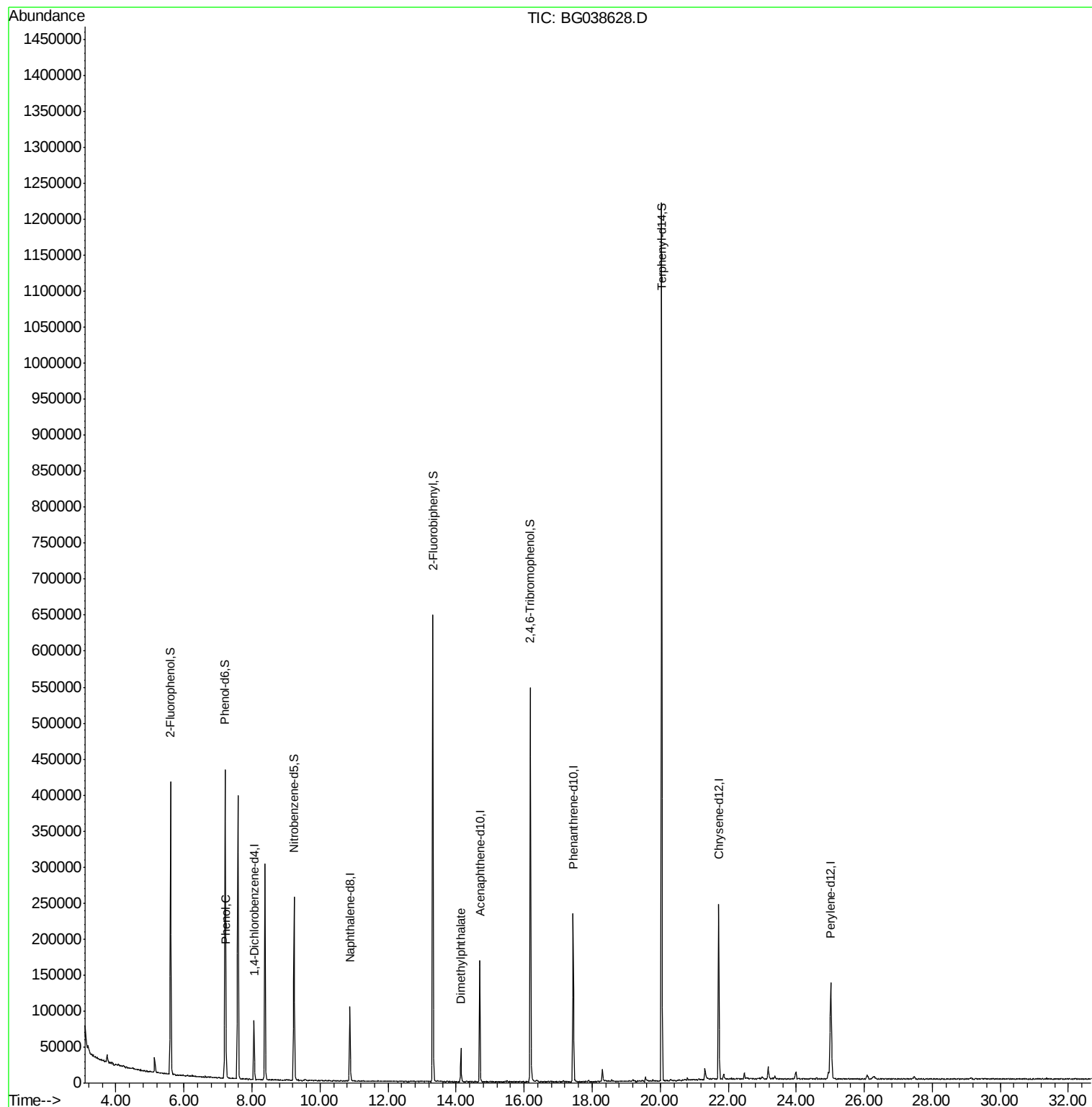
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	22966	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	92394	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	61064	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	152800	20.00	ng	0.00
76) Chrysene-d12	21.72	240	154190	20.00	ng	0.00
87) Perylene-d12	25.01	264	163107	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	170782	131.89	ng	0.00
7) Phenol-d6	7.21	99	233857	131.56	ng	0.00
23) Nitrobenzene-d5	9.23	82	153506	84.88	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	108342	128.74	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	346142	77.76	ng	0.00
79) Terphenyl-d14	20.04	244	602457	85.03	ng	0.00
Target Compounds						
10) Phenol	7.24	94	12925	6.844	ng	92
50) Dimethylphthalate	14.14	163	33105	6.639	ng	98

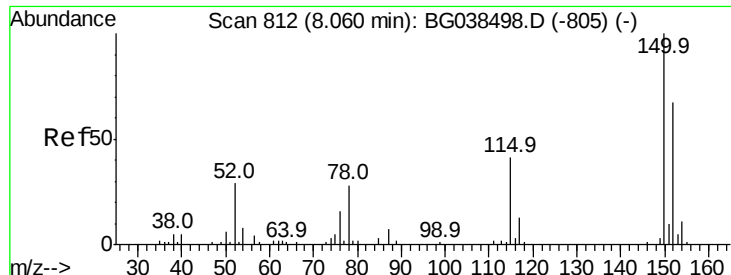
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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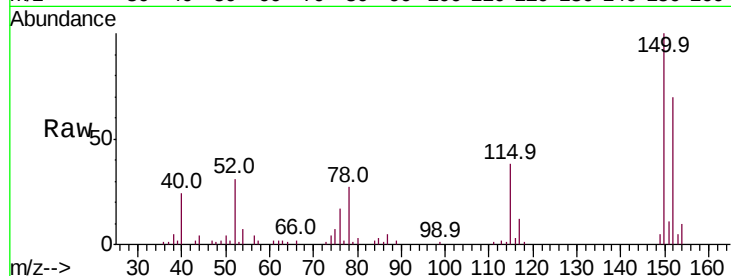


#1

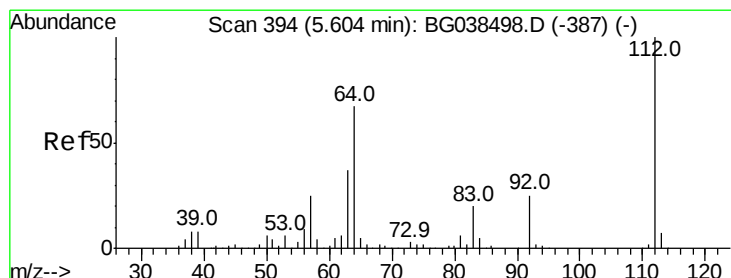
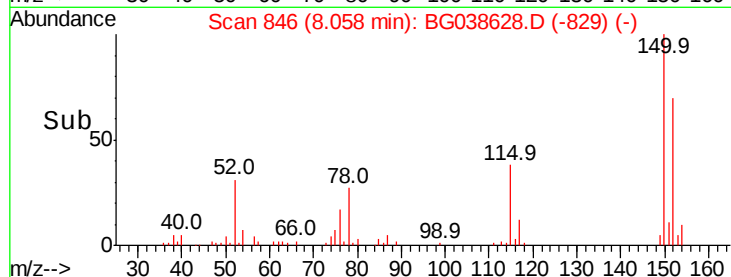
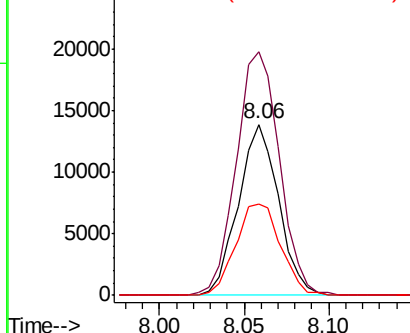
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 846
Delta R.T. -0.00 min
Lab File: BG038628.D
Acq: 16 Dec 2018 6:49

Instrument :
BNA_G
ClientSampleId :
P001-SS005-1218-01

Tot Ion	Ratio	Lower	Upper
152	100		
150	142.7	119.5	179.3
115	53.6	49.6	74.4



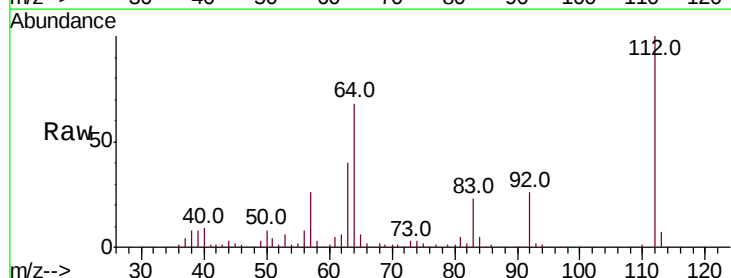
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



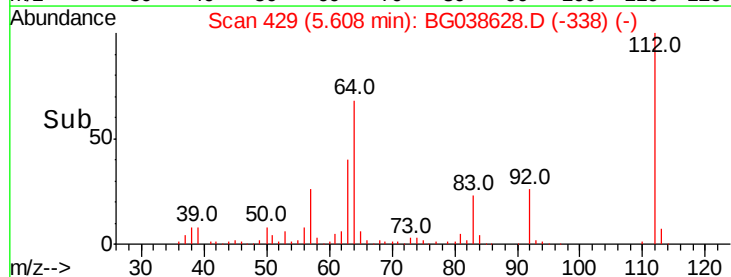
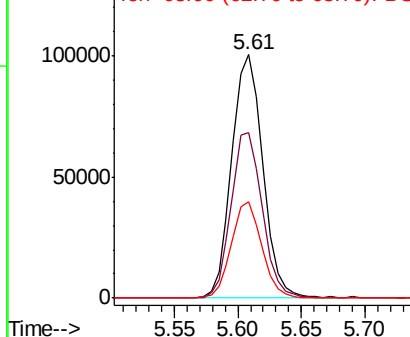
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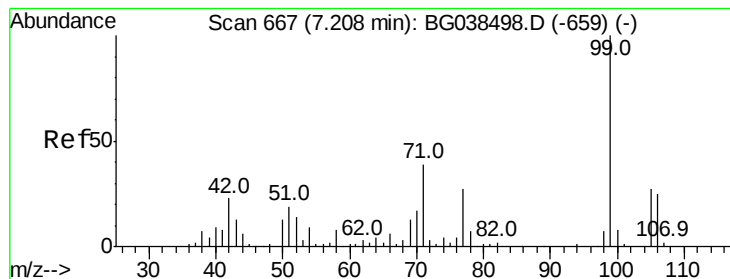
2-Fluorophenol
Concen: 131.894 ng
RT: 5.61 min Scan# 429
Delta R.T. 0.01 min
Lab File: BG038628.D
Acq: 16 Dec 2018 6:49

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.9	53.4	80.2
63	39.7	29.3	43.9



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: 131.560 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.00 min

Lab File: BG038628.D

Acq: 16 Dec 2018 6:49

Instrument :

BNA_G

ClientSampleId :

P001-SS005-1218-01

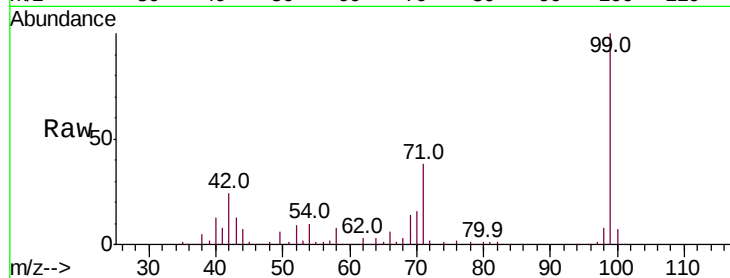
Tot Ion: 99 Resp: 233857

Ion Ratio Lower Upper

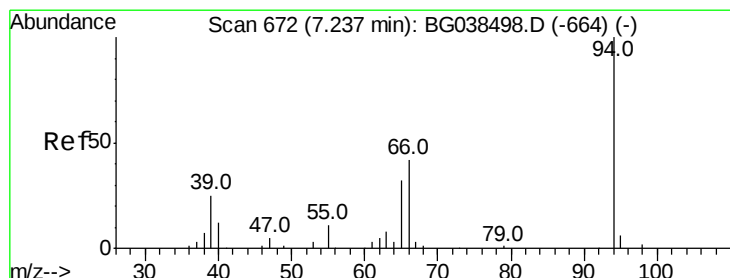
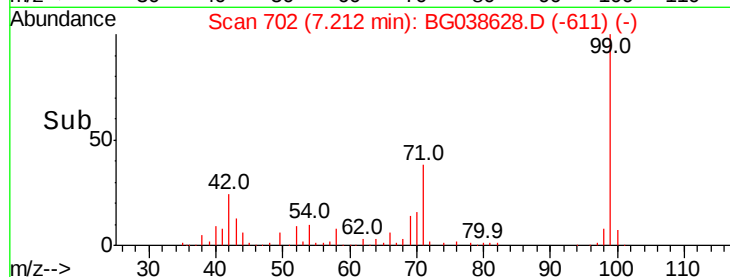
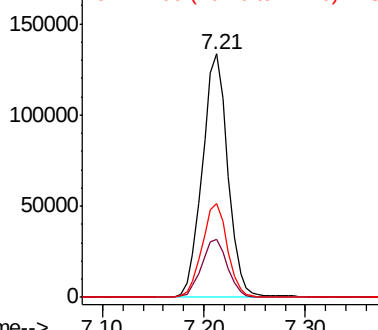
99 100

42 23.7 18.5 27.7

71 38.5 31.1 46.7



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: 6.844 ng

RT: 7.24 min Scan# 706

Delta R.T. -0.00 min

Lab File: BG038628.D

Acq: 16 Dec 2018 6:49

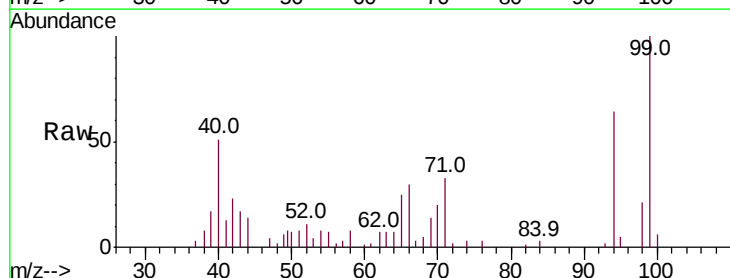
Tgt Ion: 94 Resp: 12925

Ion Ratio Lower Upper

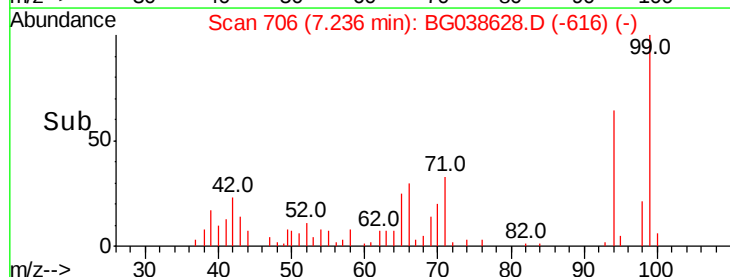
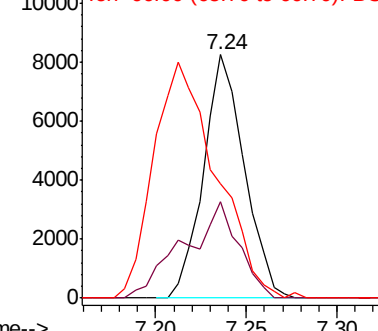
94 100

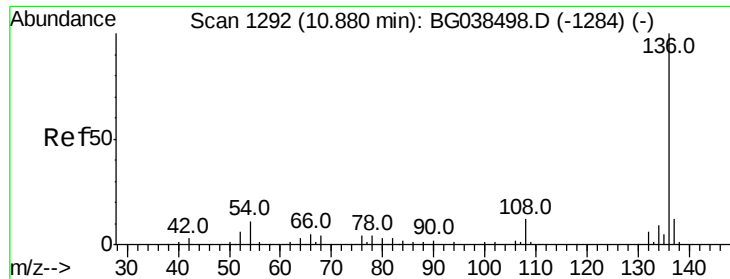
65 39.7 12.6 52.6

66 47.2 24.1 64.1



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

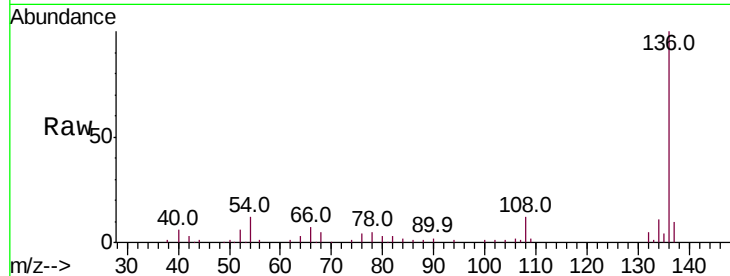




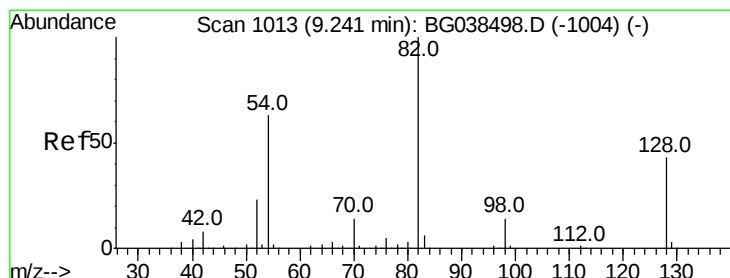
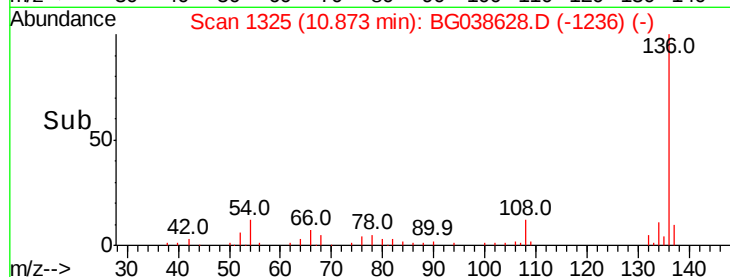
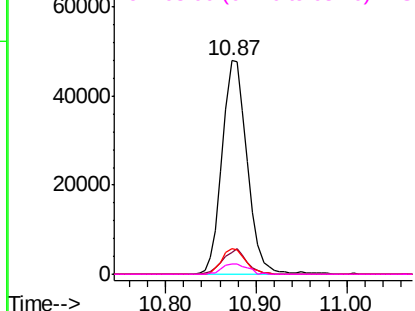
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BG038628.D
Acq: 16 Dec 2018 6:49

Instrument :
BNA_G
ClientSampleId :
P001-SS005-1218-01

Tot Ion:136	Resp:	92394
Ion	Ratio	Lower Upper
136	100	
137	10.4	9.3 13.9
54	12.3	8.5 12.7
68	4.7	3.5 5.3

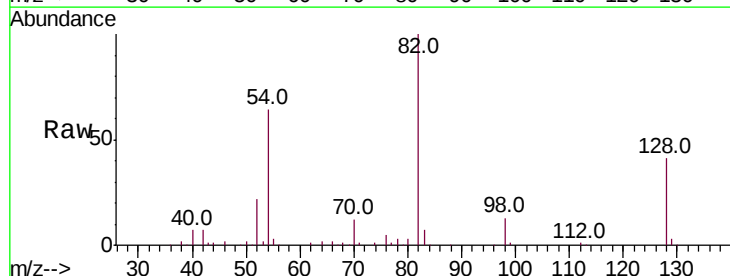


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BG
Ion 68.00 (67.70 to 68.70): BG

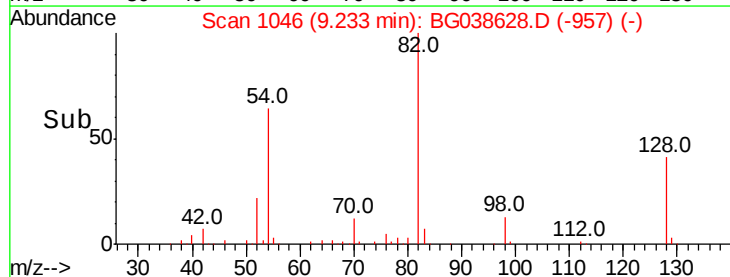
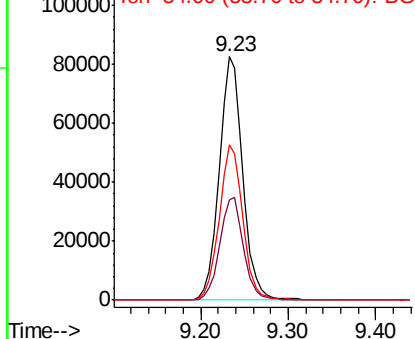


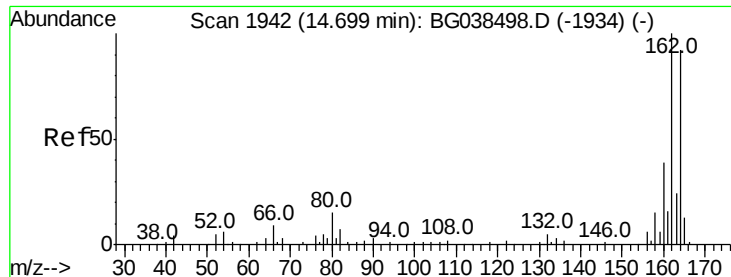
#23
Nitrobenzene-d5
Concen: 84.878 ng
RT: 9.23 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BG038628.D
Acq: 16 Dec 2018 6:49

Tgt Ion: 82	Resp:	153506
Ion	Ratio	Lower Upper
82	100	
128	41.4	34.6 52.0
54	63.7	50.6 76.0



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.70 min Scan# 1976

Delta R.T. -0.00 min

Lab File: BG038628.D

Acq: 16 Dec 2018 6:49

Instrument :

BNA_G

ClientSampleId :

P001-SS005-1218-01

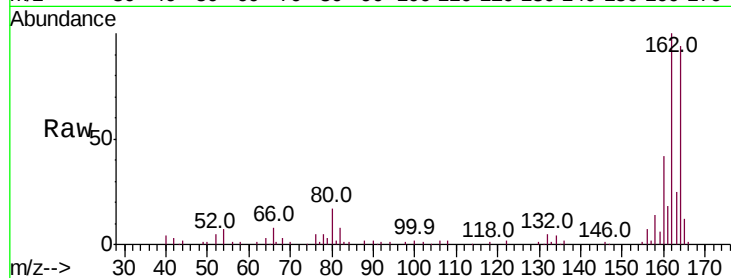
Tot Ion:164 Resp: 61064

Ion Ratio Lower Upper

164 100

162 105.9 86.6 130.0

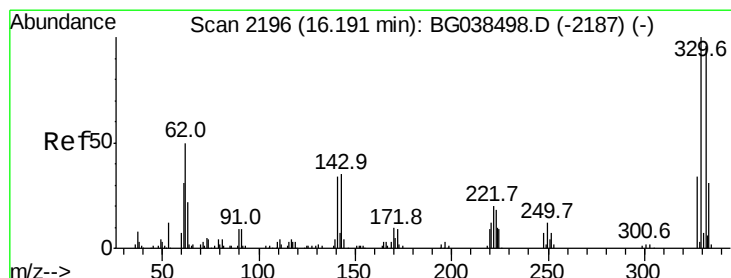
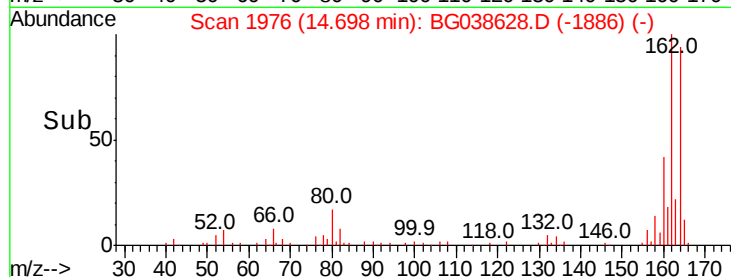
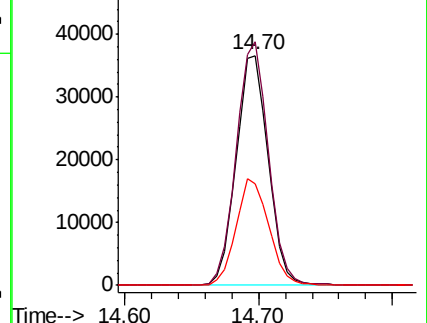
160 44.2 34.2 51.2



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: 128.738 ng

RT: 16.18 min Scan# 2229

Delta R.T. -0.01 min

Lab File: BG038628.D

Acq: 16 Dec 2018 6:49

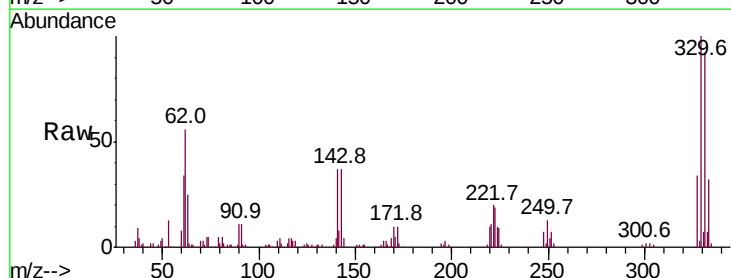
Tgt Ion:330 Resp: 108342

Ion Ratio Lower Upper

330 100

332 96.3 76.9 115.3

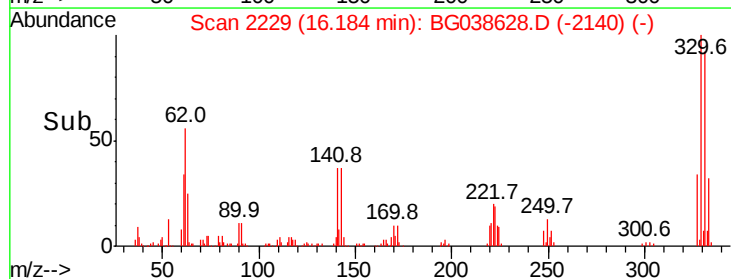
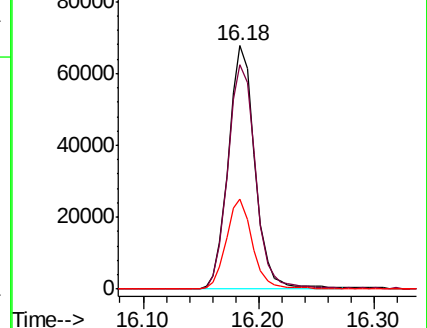
141 36.9 28.8 43.2

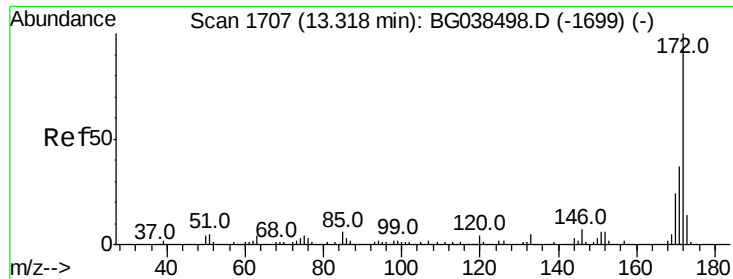


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

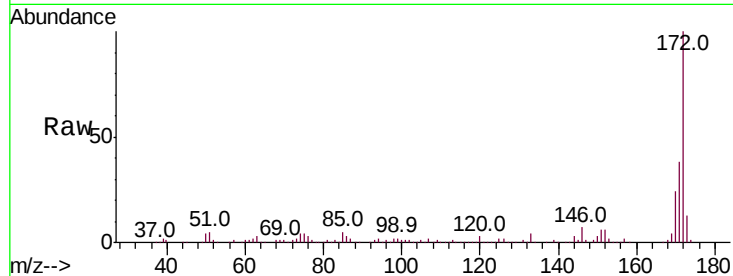




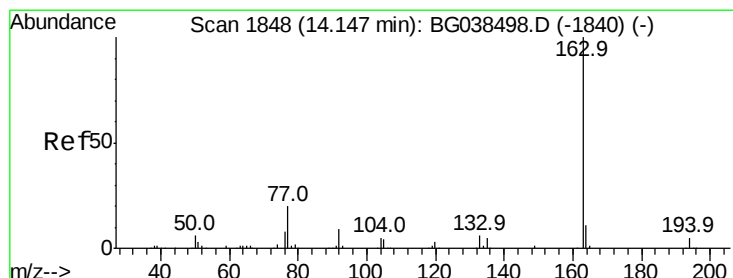
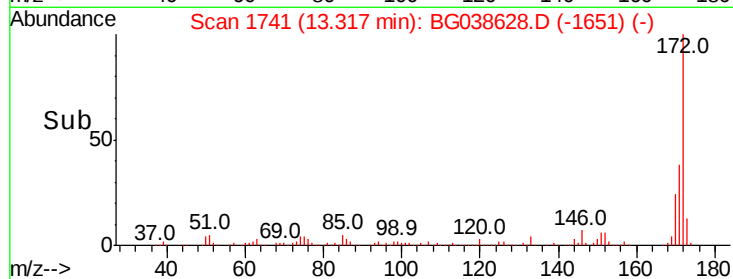
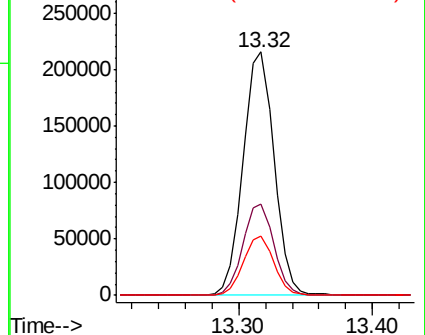
#45
 2-Fluorobiphenyl
 Concen: 77.763 ng
 RT: 13.32 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: BG038628.D
 Acq: 16 Dec 2018 6:49

Instrument :
 BNA_G
 ClientSampleId :
 P001-SS005-1218-01

Tot Ion:172 Resp: 346142
 Ion Ratio Lower Upper
 172 100
 171 37.6 29.8 44.6
 170 24.1 19.5 29.3

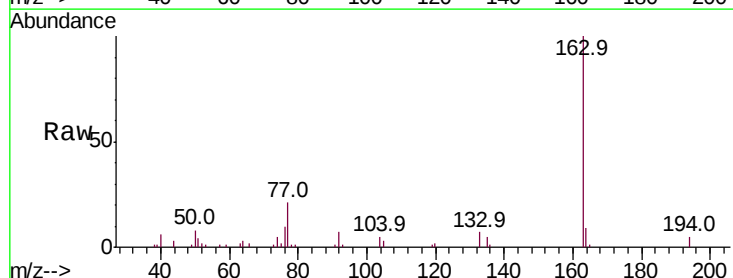


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

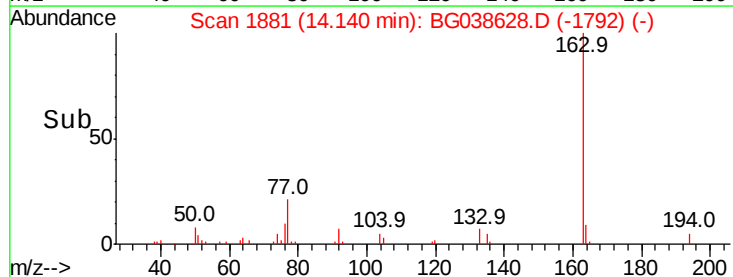
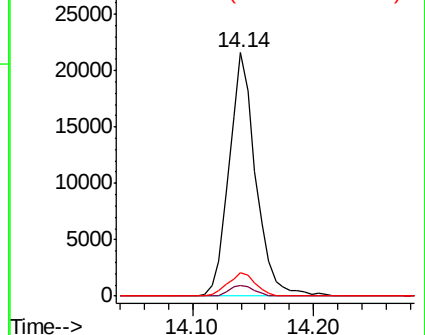


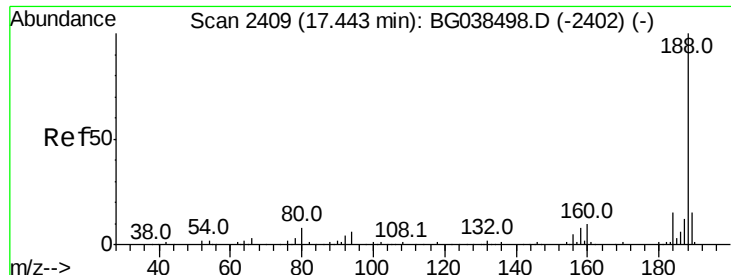
#50
 Dimethylphthalate
 Concen: 6.639 ng
 RT: 14.14 min Scan# 1881
 Delta R.T. -0.01 min
 Lab File: BG038628.D
 Acq: 16 Dec 2018 6:49

Tgt Ion:163 Resp: 33105
 Ion Ratio Lower Upper
 163 100
 194 4.5 3.7 5.5
 164 9.4 8.6 12.8



Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

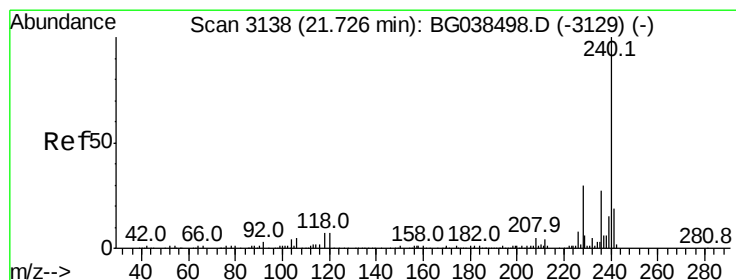
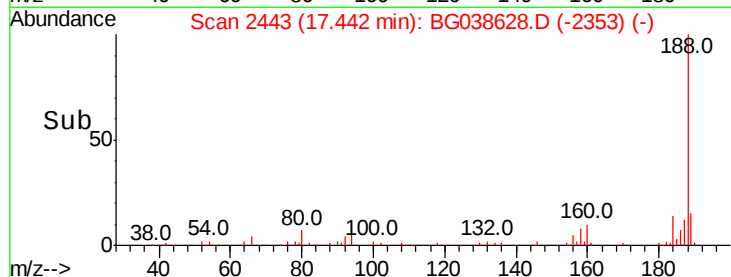
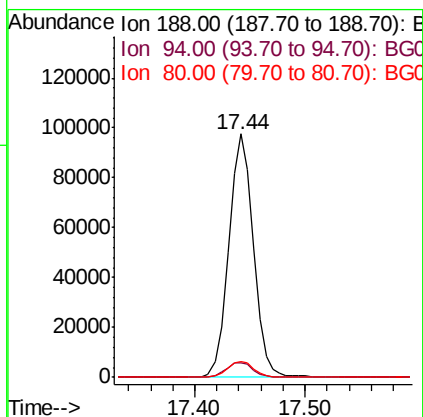
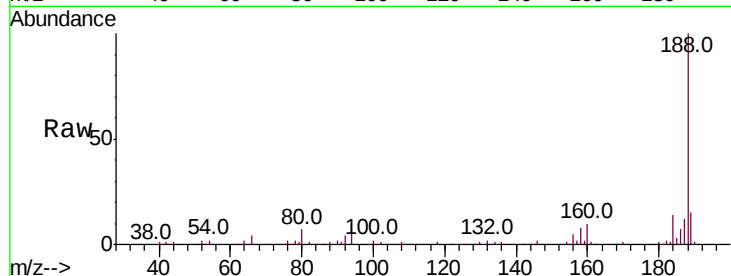




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2443
Delta R.T. -0.00 min
Lab File: BG038628.D
Acq: 16 Dec 2018 6:49

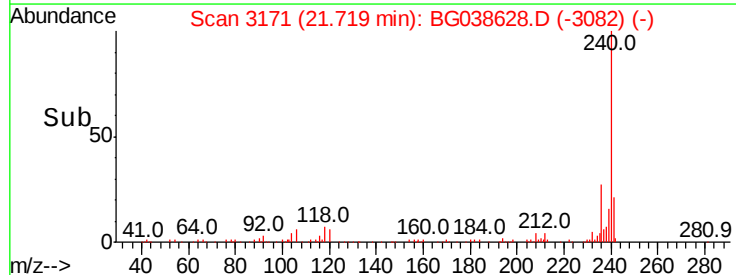
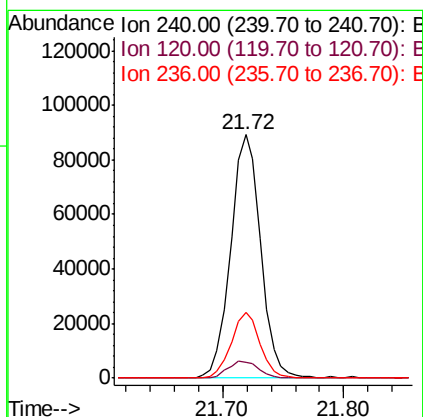
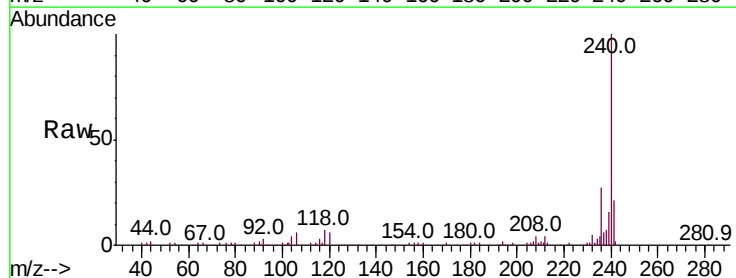
Instrument :
BNA_G
ClientSampleId :
P001-SS005-1218-01

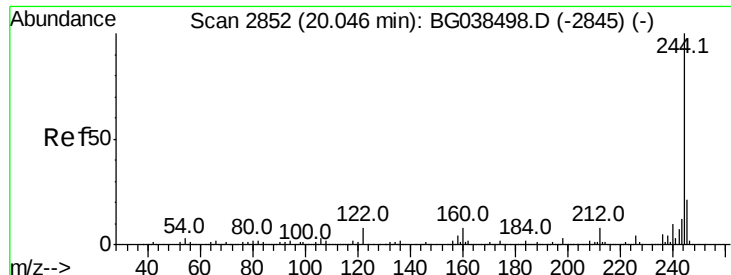
Tot Ion	Ratio	Lower	Upper
188	100		
94	5.9	5.1	7.7
80	6.6	6.1	9.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.72 min Scan# 3171
Delta R.T. -0.01 min
Lab File: BG038628.D
Acq: 16 Dec 2018 6:49

Tgt Ion	Ratio	Lower	Upper
240	100		
120	6.3	5.3	7.9
236	27.0	21.4	32.2





#79

Terphenyl-d14

Concen: 85.034 ng

RT: 20.04 min Scan# 2886

Delta R.T. -0.00 min

Lab File: BG038628.D

Acq: 16 Dec 2018 6:49

Instrument :

BNA_G

ClientSampleId :

P001-SS005-1218-01

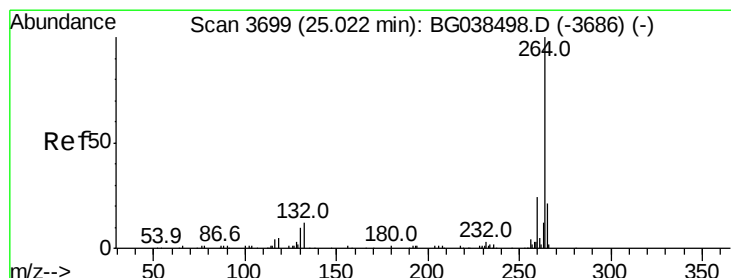
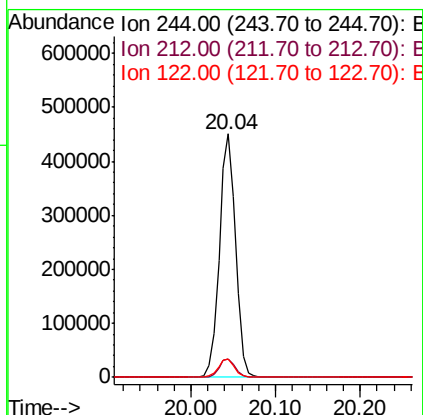
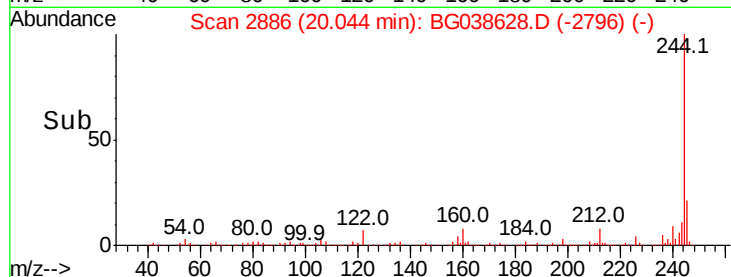
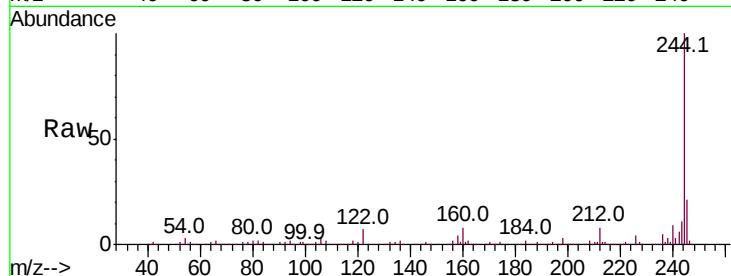
Tot Ion:244 Resp: 602457

Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.2

122 7.4 6.3 9.5



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.01 min Scan# 3732

Delta R.T. -0.01 min

Lab File: BG038628.D

Acq: 16 Dec 2018 6:49

Tgt Ion:264 Resp: 163107

Ion Ratio Lower Upper

264 100

260 21.9 18.9 28.3

265 21.8 17.0 25.4

