

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG120817\
 Data File : BG031447.D
 Acq On : 9 Dec 2017 9:08
 Operator : SJ/JU
 Sample : I6746-04
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 11 04:31:19 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG111017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 06 17:58:37 2017
 Response via : Initial Calibration

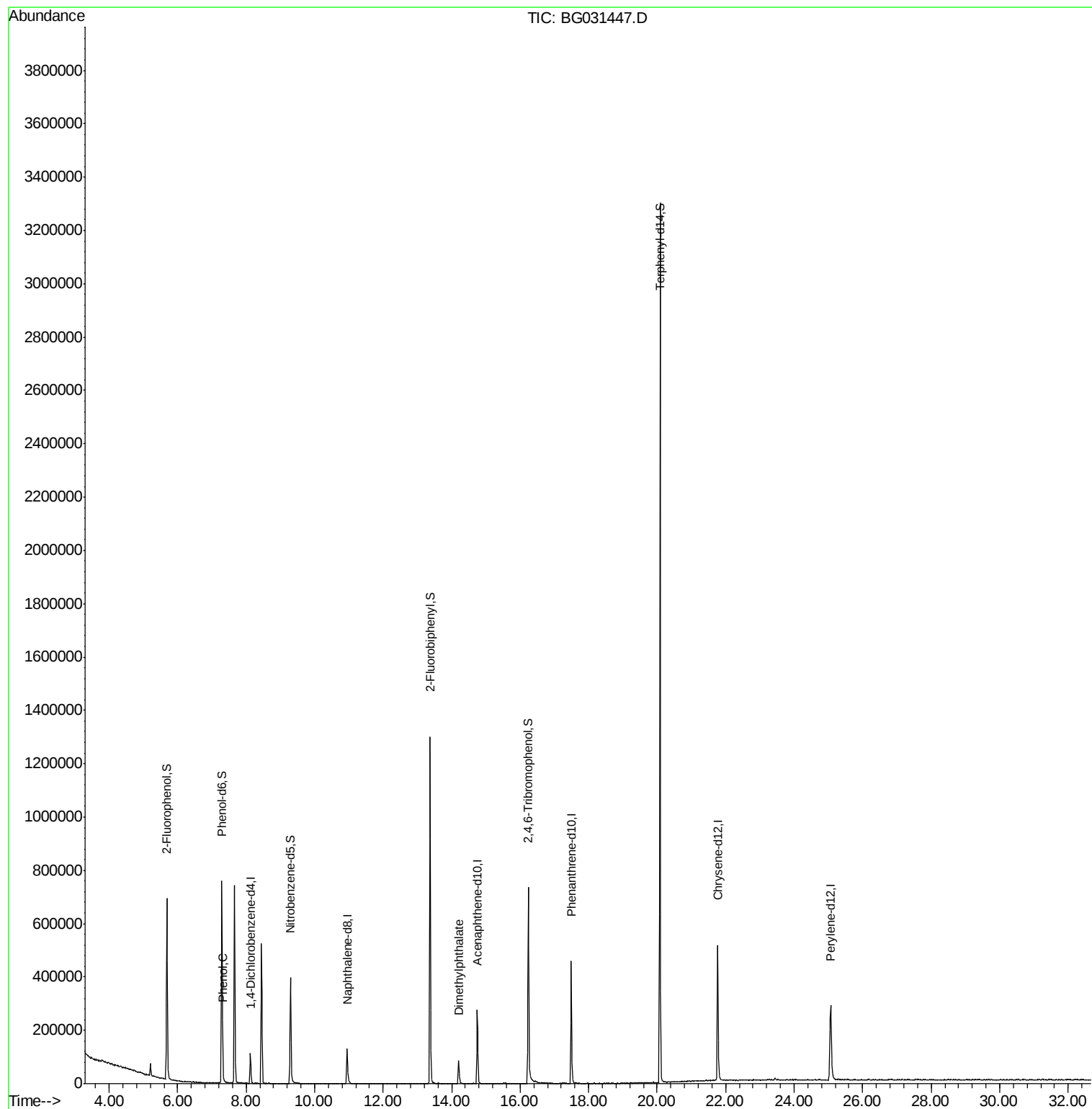
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	34353	20.00	ng	0.00
21) Naphthalene-d8	10.95	136	149522	20.00	ng	0.00
38) Acenaphthene-d10	14.75	164	107554	20.00	ng	0.00
63) Phenanthrene-d10	17.49	188	327993	20.00	ng	0.00
75) Chrysene-d12	21.77	240	377872	20.00	ng	0.00
86) Perylene-d12	25.06	264	353513	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	319882	159.67	ng	0.00
7) Phenol-d6	7.29	99	447001	165.62	ng	0.00
23) Nitrobenzene-d5	9.30	82	271926	107.77	ng	0.00
41) 2,4,6-Tribromophenol	16.23	330	162448	93.37	ng	0.00
44) 2-Fluorobiphenyl	13.37	172	773103	103.28	ng	0.00
78) Terphenyl-d14	20.08	244	1634452	95.51	ng	0.00
Target Compounds						
10) Phenol	7.32	94	13200	4.709	ng	78
49) Dimethylphthalate	14.20	163	96687	10.397	ng	98

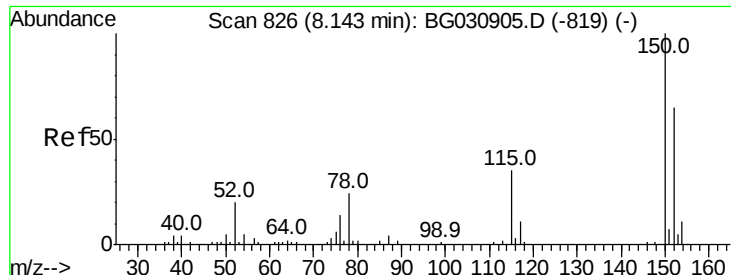
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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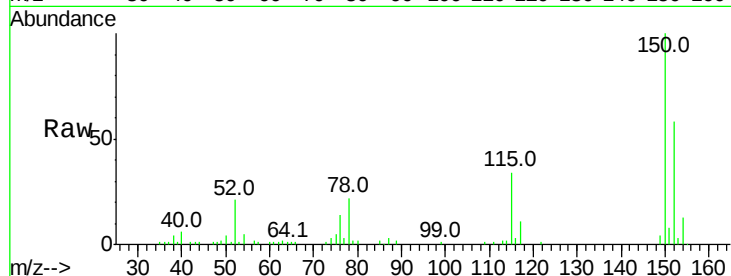


#1

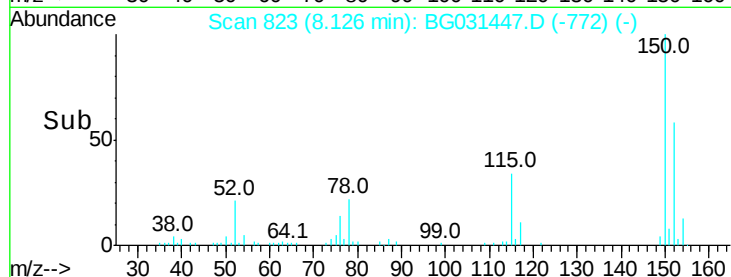
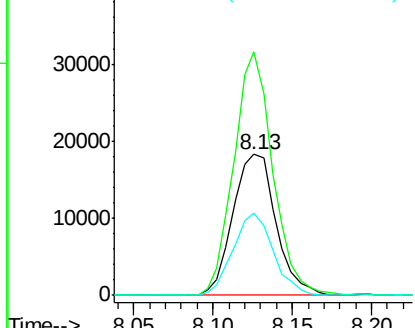
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.13 min Scan# 823
Delta R.T. -0.00 min
Lab File: BG031447.D
Acq: 9 Dec 2017 9:08

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	172.8	126.6	189.8
115	58.2	53.0	79.4



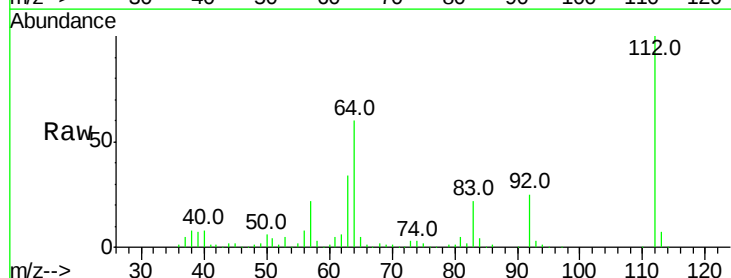
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



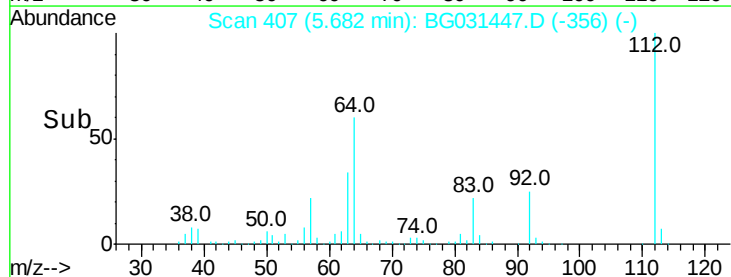
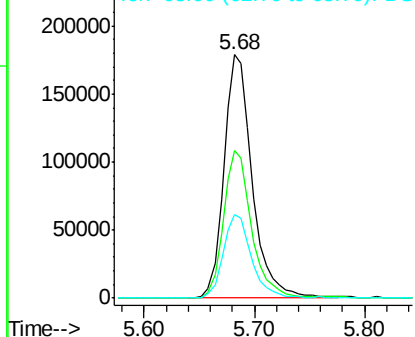
#5

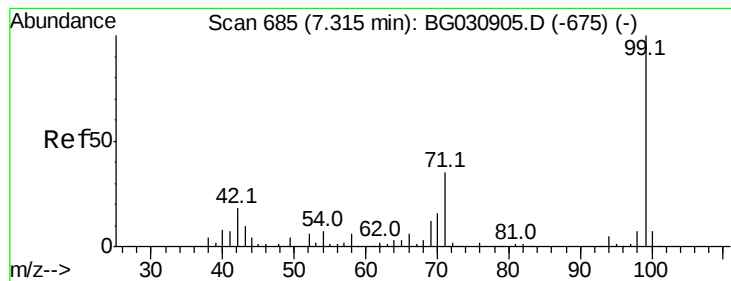
2-Fluorophenol
Concen: 159.672 ng
RT: 5.68 min Scan# 407
Delta R.T. -0.00 min
Lab File: BG031447.D
Acq: 9 Dec 2017 9:08

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.4	56.3	84.5
63	34.4	30.1	45.1



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: 165.619 ng

RT: 7.29 min Scan# 681

Delta R.T. -0.00 min

Lab File: BG031447.D

Acq: 9 Dec 2017 9:08

Instrument :

BNA_G

ClientSampleId :

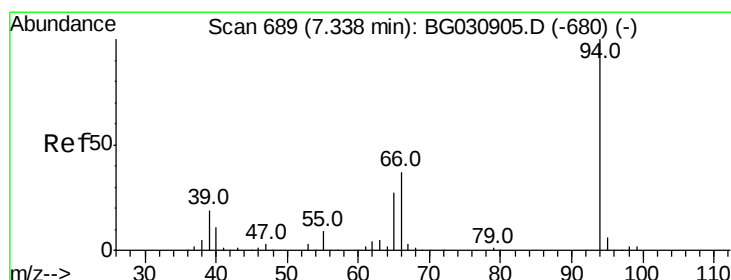
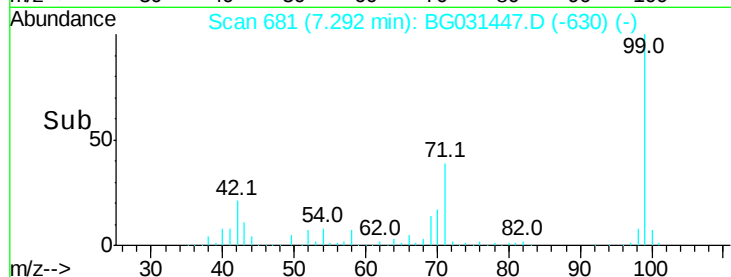
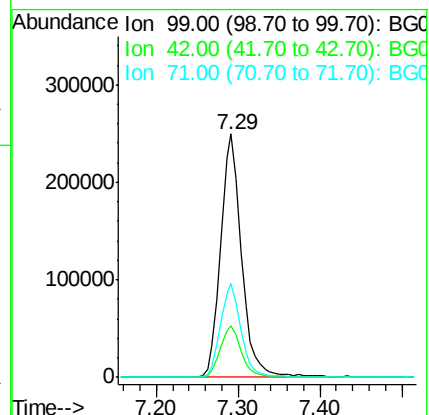
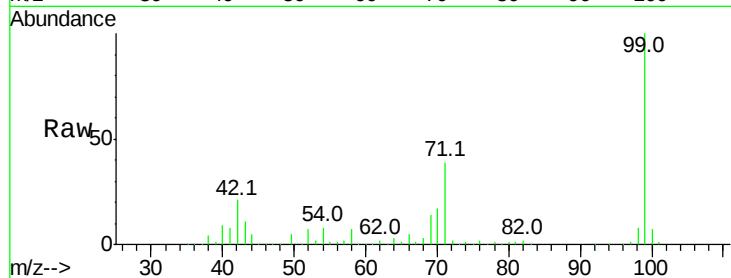
Tot Ion: 99 Resp: 447001

Ion Ratio Lower Upper

99 100

42 21.5 14.1 21.1#

71 38.5 26.1 39.1



#10

Phenol

Concen: 4.709 ng

RT: 7.32 min Scan# 686

Delta R.T. -0.00 min

Lab File: BG031447.D

Acq: 9 Dec 2017 9:08

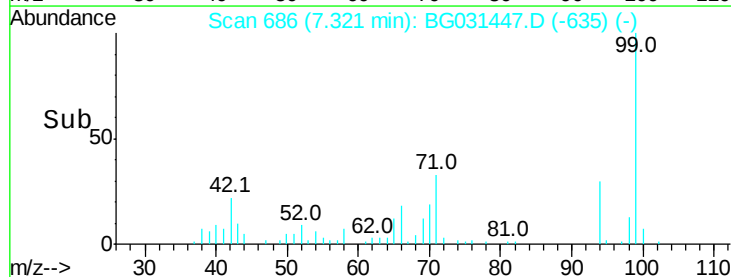
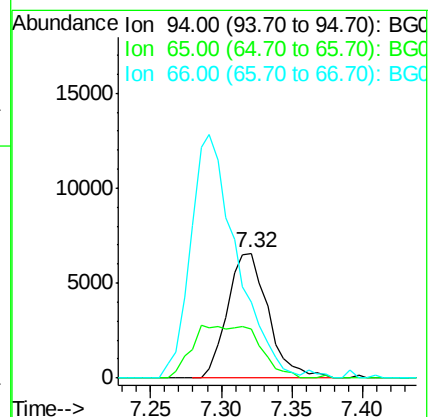
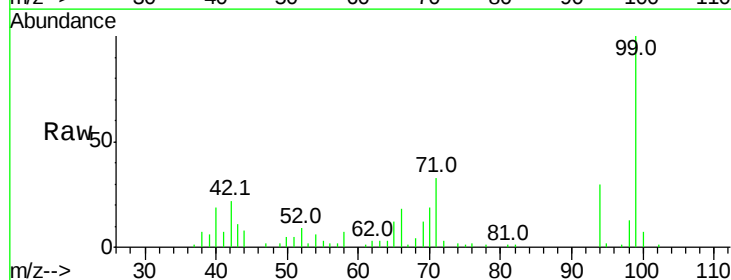
Tgt Ion: 94 Resp: 13200

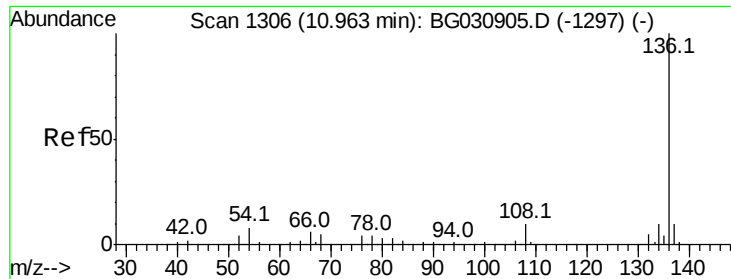
Ion Ratio Lower Upper

94 100

65 39.0 11.9 51.9

66 61.0 22.2 62.2

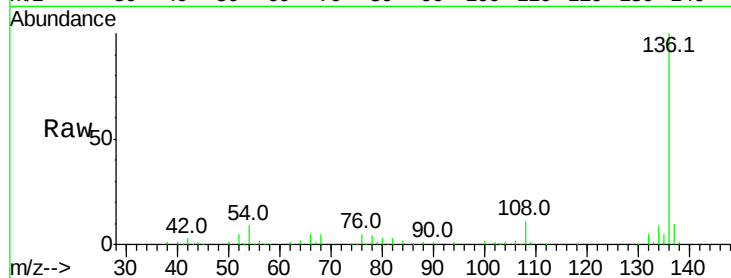




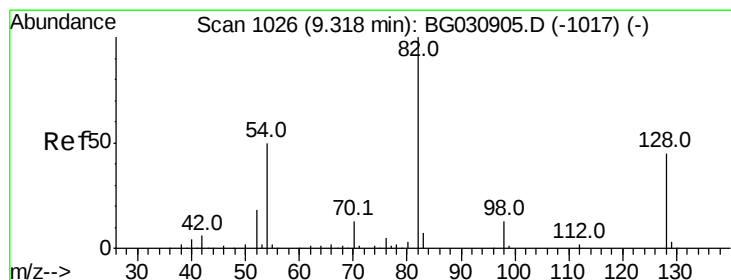
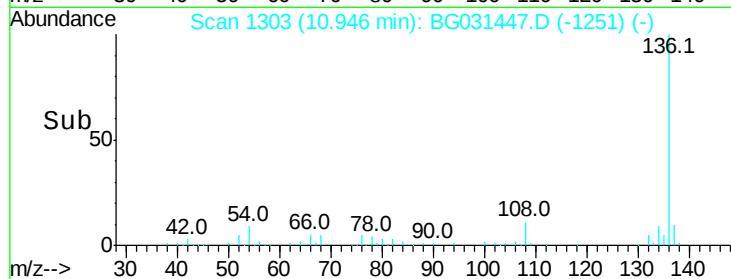
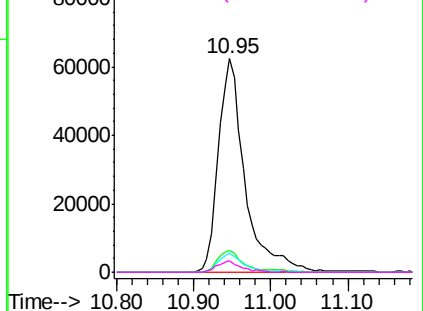
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.95 min Scan# 1303
Delta R.T. 0.00 min
Lab File: BG031447.D
Acq: 9 Dec 2017 9:08

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	136	Resp:	149522
Ion	Ratio	Lower	Upper
136	100		
137	10.2	9.2	13.8
54	8.8	10.3	15.5
68	5.1	4.5	6.7

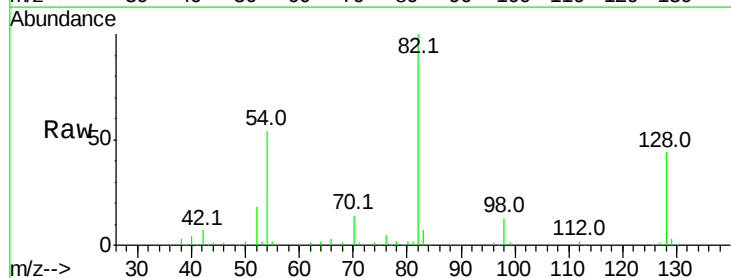


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

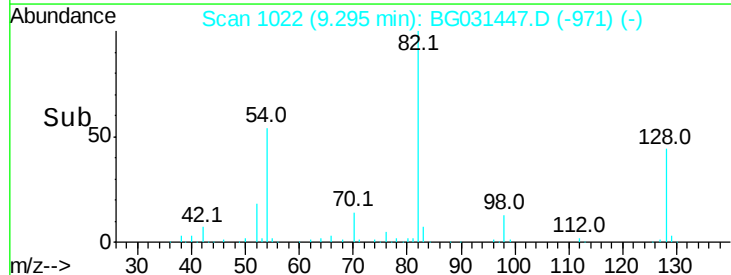
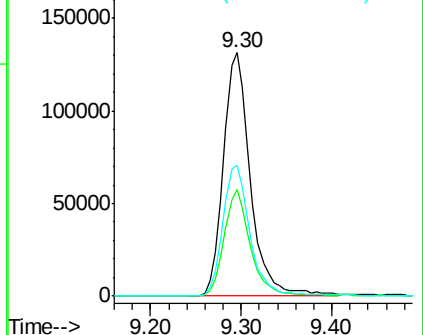


#23
Nitrobenzene-d5
Concen: 107.766 ng
RT: 9.30 min Scan# 1022
Delta R.T. -0.00 min
Lab File: BG031447.D
Acq: 9 Dec 2017 9:08

Tgt Ion:	82	Resp:	271926
Ion	Ratio	Lower	Upper
82	100		
128	43.7	29.7	44.5
54	54.0	43.1	64.7



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





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.75 min Scan# 1950

Delta R.T. -0.00 min

Lab File: BG031447.D

Acq: 9 Dec 2017 9:08

Instrument :

BNA_G

ClientSampleId :

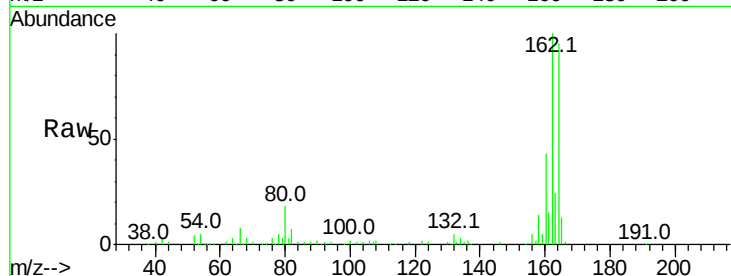
Tot Ion:164 Resp: 107554

Ion Ratio Lower Upper

164 100

162 105.5 78.8 118.2

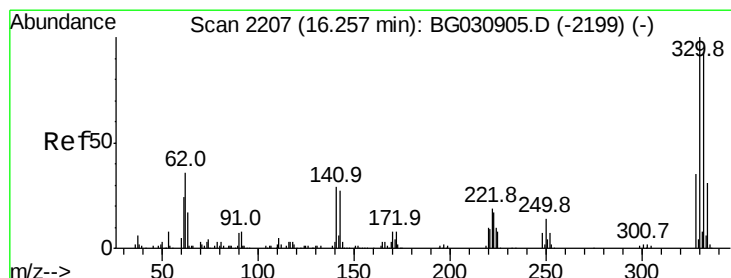
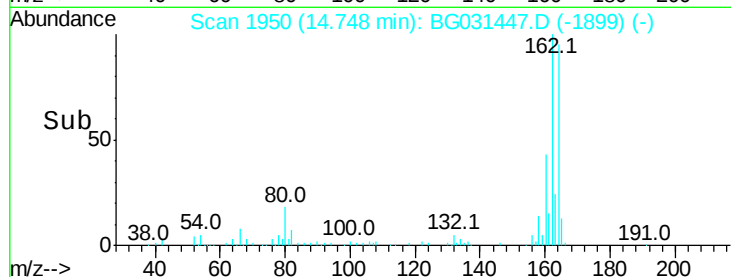
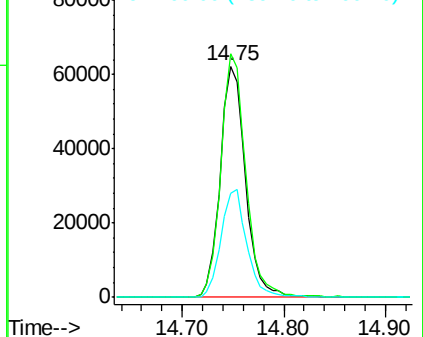
160 45.1 35.4 53.0



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



#41

2,4,6-Tribromophenol

Concen: 93.368 ng

RT: 16.23 min Scan# 2203

Delta R.T. -0.00 min

Lab File: BG031447.D

Acq: 9 Dec 2017 9:08

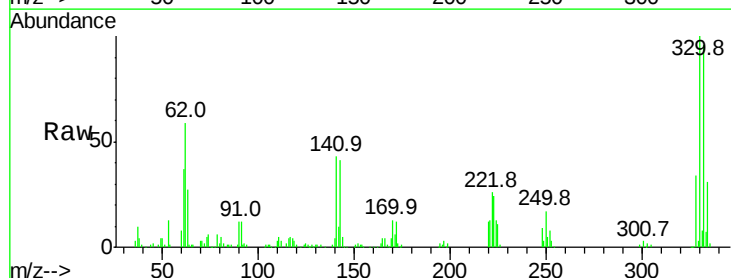
Tgt Ion:330 Resp: 162448

Ion Ratio Lower Upper

330 100

332 100.5 77.0 115.6

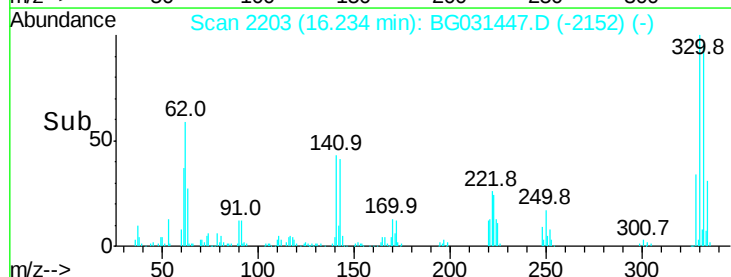
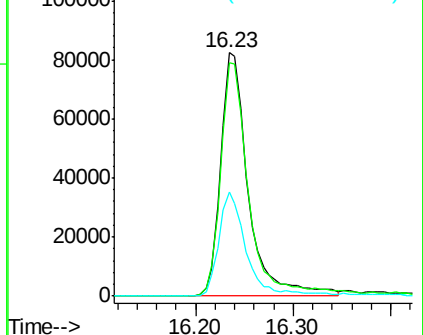
141 42.4 25.2 37.8#

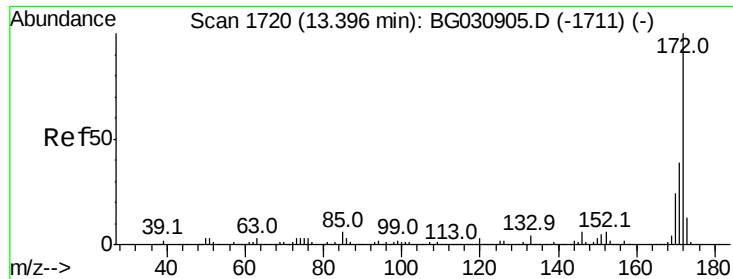


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



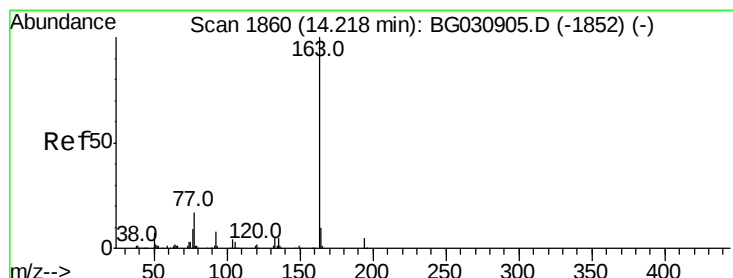
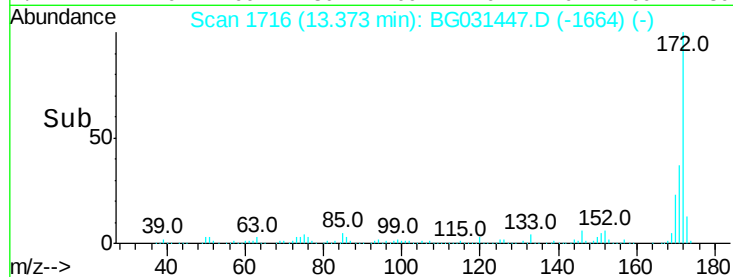
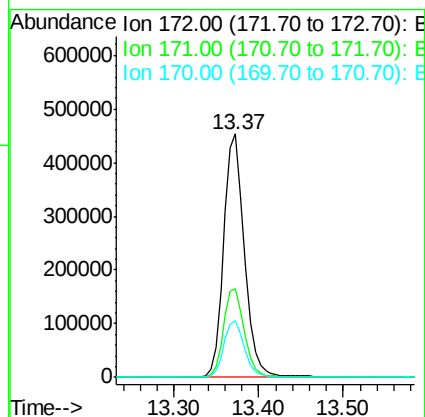
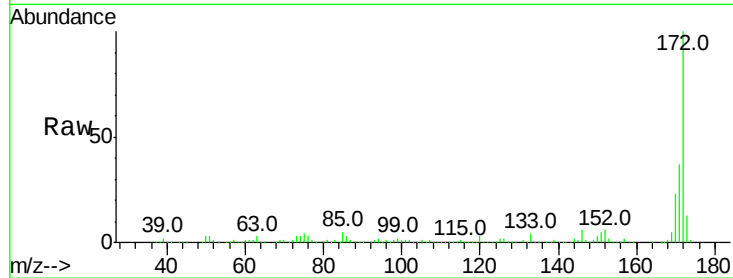


#44
 2-Fluorobiphenyl
 Concen: 103.284 ng
 RT: 13.37 min Scan# 1716
 Delta R.T. 0.00 min
 Lab File: BG031447.D
 Acq: 9 Dec 2017 9:08

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:172 Resp: 773103

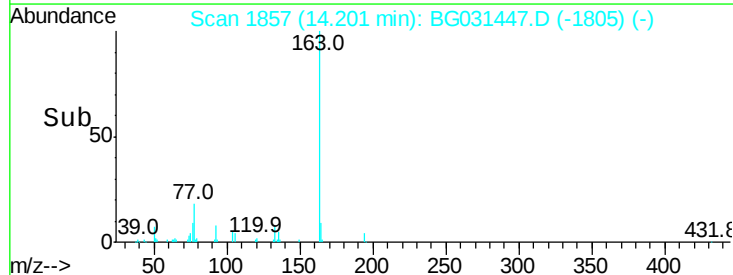
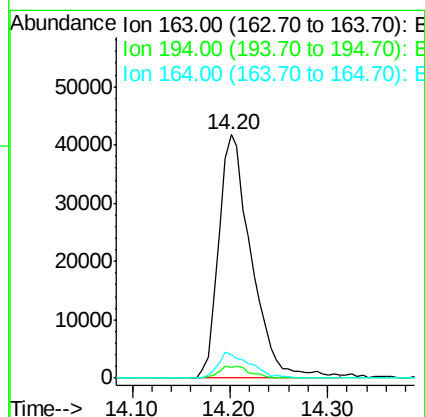
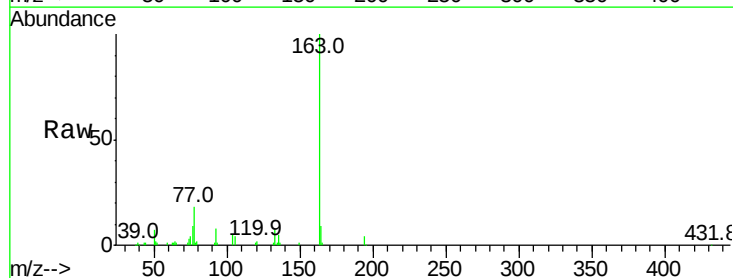
Ion	Ratio	Lower	Upper
172	100		
171	36.5	30.0	45.0
170	23.3	19.5	29.3

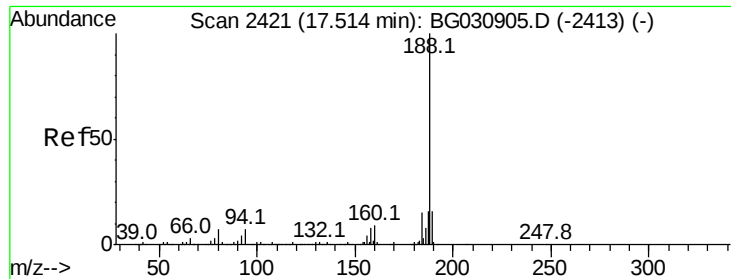


#49
 Dimethylphthalate
 Concen: 10.397 ng
 RT: 14.20 min Scan# 1857
 Delta R.T. 0.00 min
 Lab File: BG031447.D
 Acq: 9 Dec 2017 9:08

Tgt Ion:163 Resp: 96687

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.2
164	9.5	8.2	12.4





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.49 min Scan# 2417

Delta R.T. -0.00 min

Lab File: BG031447.D

Acq: 9 Dec 2017 9:08

Instrument :

BNA_G

ClientSampleId :

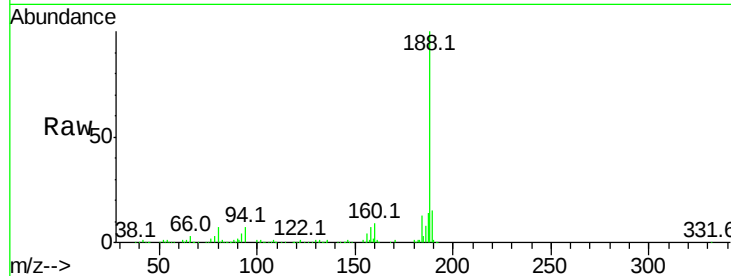
Tot Ion:188 Resp: 327993

Ion Ratio Lower Upper

188 100

94 6.8 6.9 10.3#

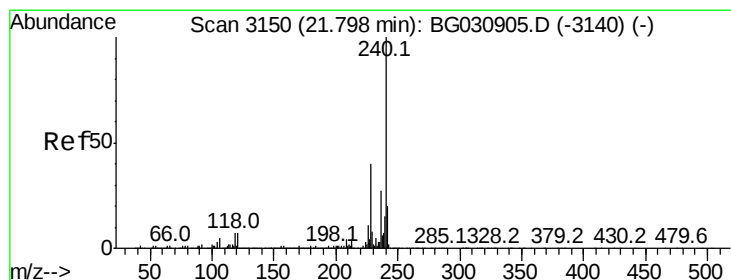
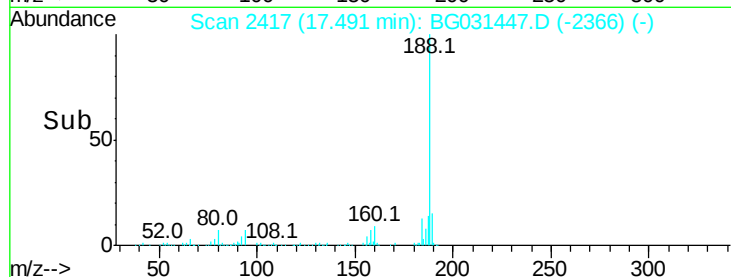
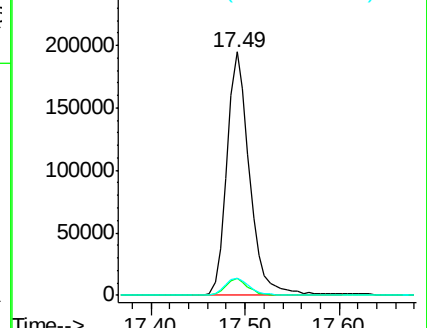
80 7.1 7.7 11.5#



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



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.77 min Scan# 3145

Delta R.T. -0.00 min

Lab File: BG031447.D

Acq: 9 Dec 2017 9:08

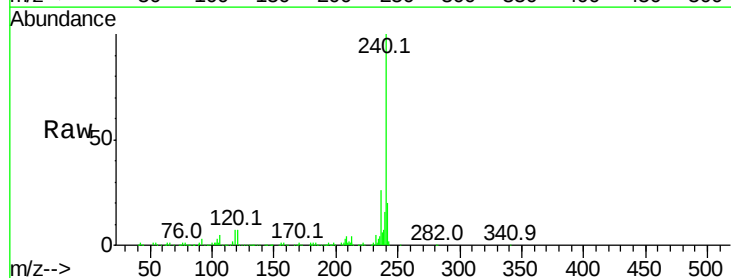
Tgt Ion:240 Resp: 377872

Ion Ratio Lower Upper

240 100

120 7.1 6.8 10.2

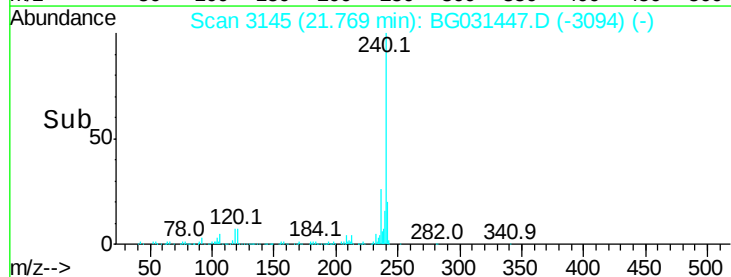
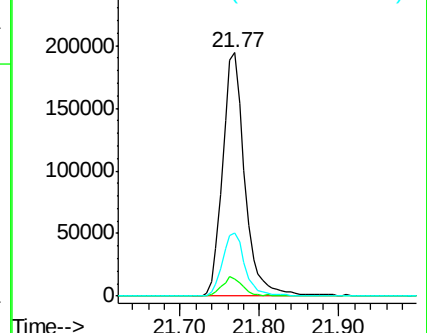
236 25.8 20.9 31.3

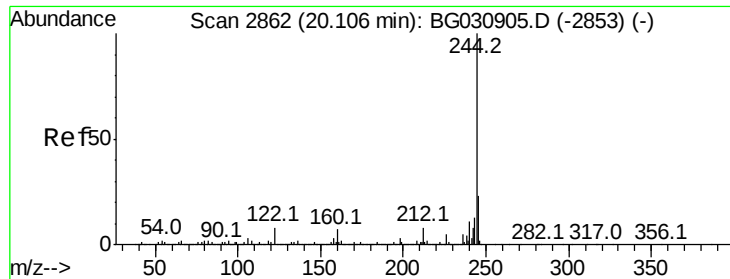


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 95.509 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.00 min

Lab File: BG031447.D

Acq: 9 Dec 2017 9:08

Instrument :

BNA_G

ClientSampleId :

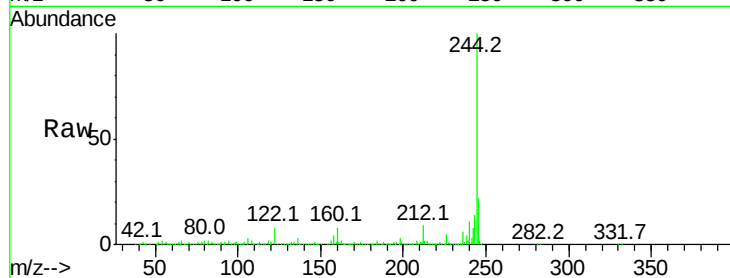
Tot Ion:244 Resp: 1634452

Ion Ratio Lower Upper

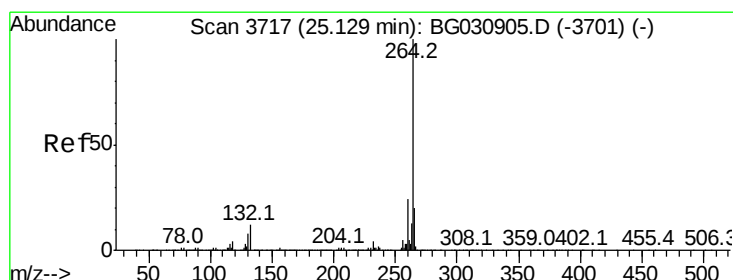
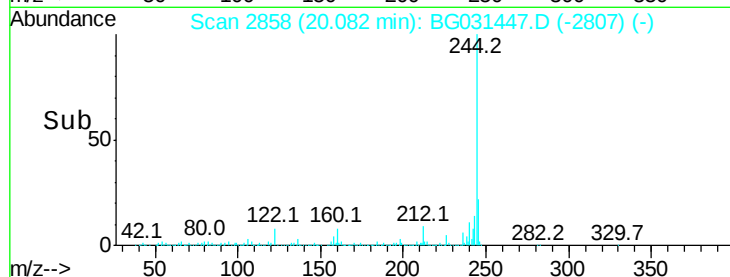
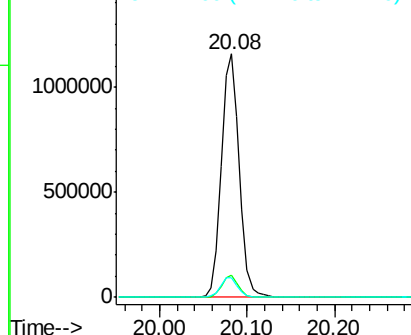
244 100

212 8.9 5.8 8.8#

122 7.9 7.0 10.4



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.06 min Scan# 3706

Delta R.T. -0.00 min

Lab File: BG031447.D

Acq: 9 Dec 2017 9:08

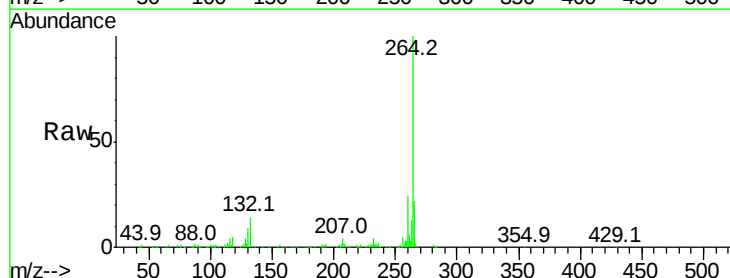
Tgt Ion:264 Resp: 353513

Ion Ratio Lower Upper

264 100

260 23.9 17.4 26.0

265 21.8 17.7 26.5



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

