

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021116\
 Data File : BG020878.D
 Acq On : 12 Feb 2016 5:15
 Operator : SJ/UM
 Sample : H1420-04
 Misc : L00 20PPM
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 12 09:56:14 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 11 15:26:53 2016
 Response via : Initial Calibration

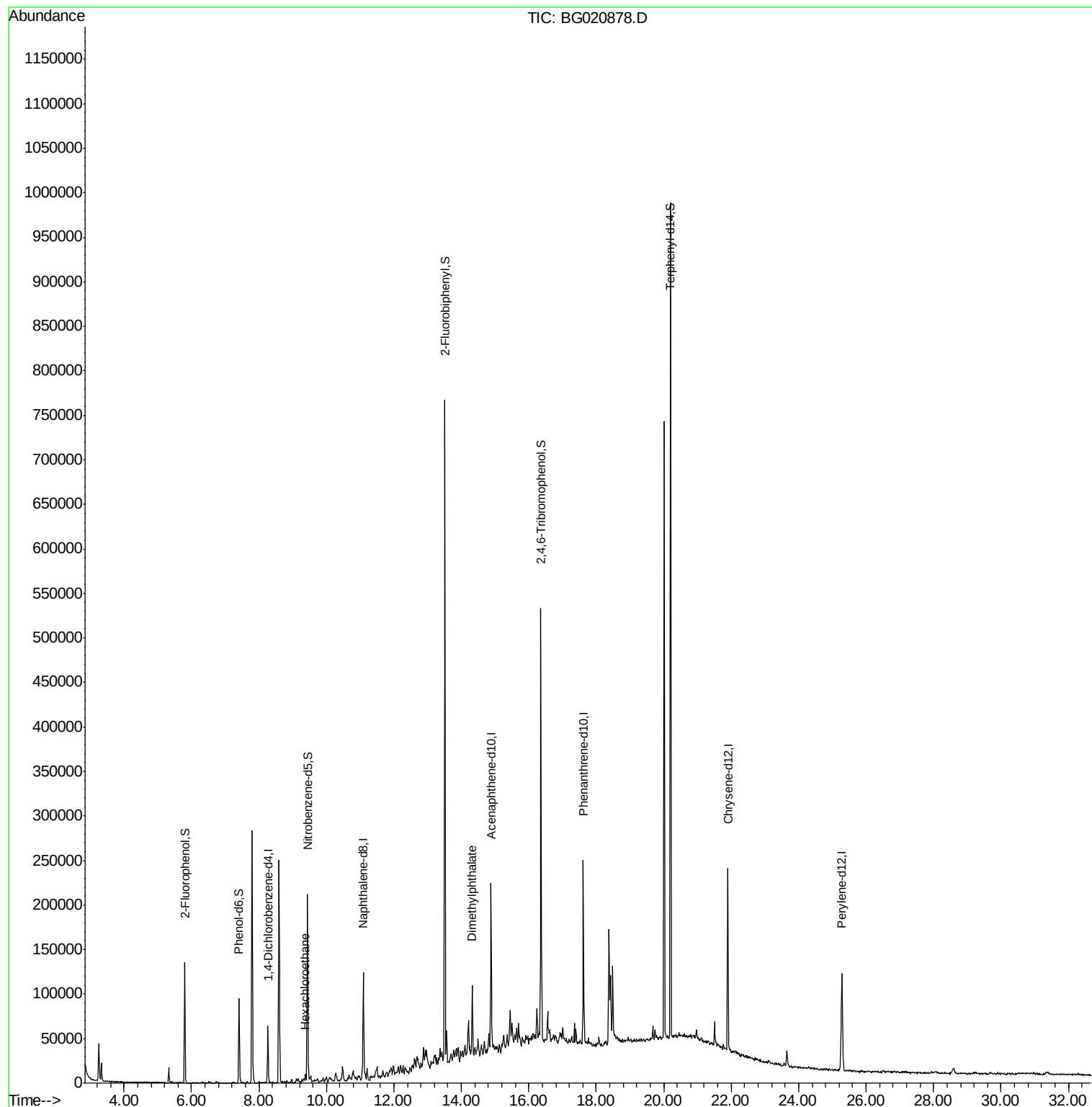
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	20960	20.00	ng	0.00
21) Naphthalene-d8	11.09	136	105869	20.00	ng	0.00
38) Acenaphthene-d10	14.88	164	62921	20.00	ng	0.00
63) Phenanthrene-d10	17.62	188	120391	20.00	ng	0.00
75) Chrysene-d12	21.90	240	113921	20.00	ng	0.00
86) Perylene-d12	25.28	264	109254	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.80	112	75356	60.55	ng	0.00
7) Phenol-d6	7.41	99	69499	38.20	ng	0.00
23) Nitrobenzene-d5	9.44	82	144228	89.57	ng	0.00
41) 2,4,6-Tribromophenol	16.36	330	91782	148.33	ng	0.00
44) 2-Fluorobiphenyl	13.51	172	387658	86.54	ng	0.00
78) Terphenyl-d14	20.20	244	402805	82.49	ng	0.00
Target Compounds						
18) Hexachloroethane	9.38	117	1440	2.51	ng	Qvalue # 1
49) Dimethylphthalate	14.32	163	53689	10.91	ng	99

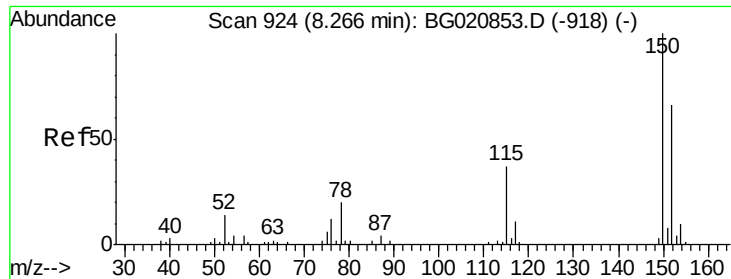
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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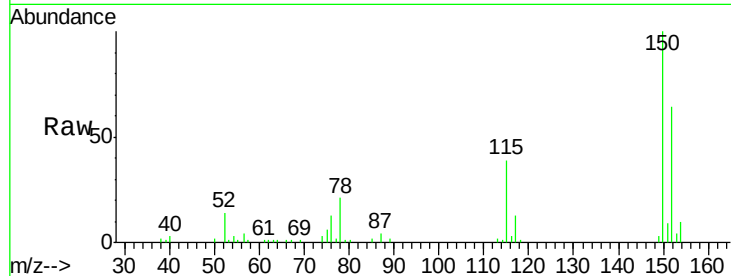




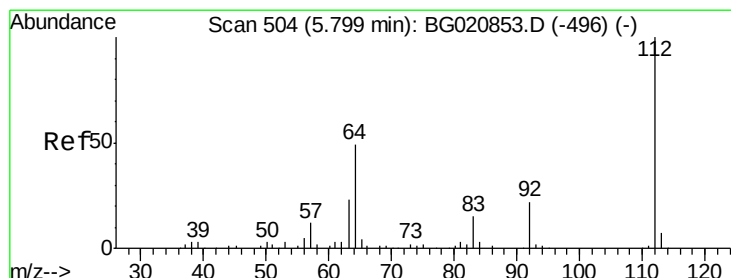
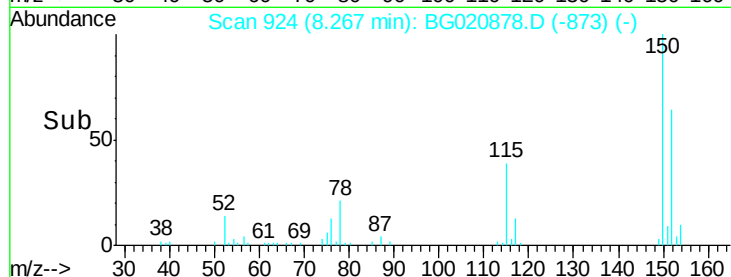
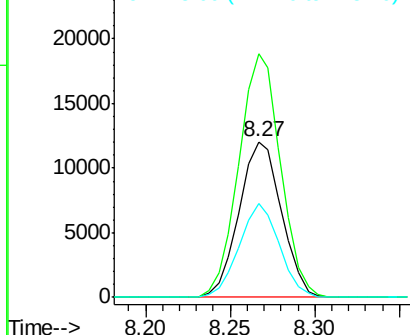
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 8.27 min Scan# 924
 Delta R.T. 0.00 min
 Lab File: BG020878.D
 Acq: 12 Feb 2016 5:15

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:152 Resp: 20960
 Ion Ratio Lower Upper
 152 100
 150 156.3 122.0 183.0
 115 60.4 45.2 67.8

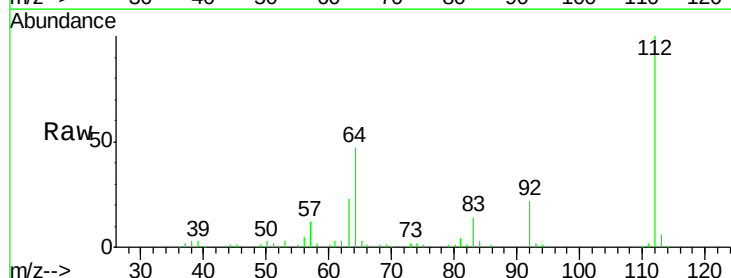


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

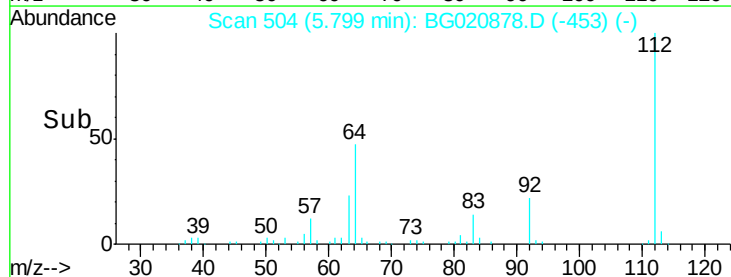
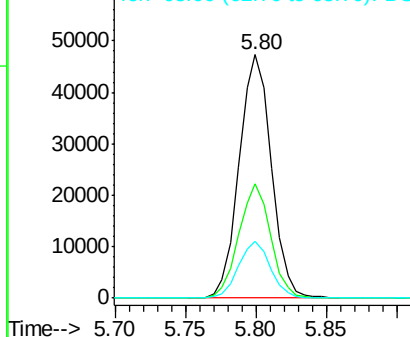


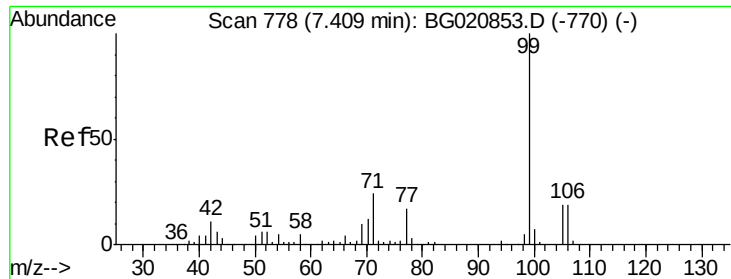
#5
 2-Fluorophenol
 Concen: 60.55 ng
 RT: 5.80 min Scan# 504
 Delta R.T. 0.00 min
 Lab File: BG020878.D
 Acq: 12 Feb 2016 5:15

Tgt Ion:112 Resp: 75356
 Ion Ratio Lower Upper
 112 100
 64 46.7 39.3 58.9
 63 23.2 18.2 27.4



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: 38.20 ng

RT: 7.41 min Scan# 778

Delta R.T. 0.00 min

Lab File: BG020878.D

Acq: 12 Feb 2016 5:15

Instrument :

BNA_G

ClientSampled :

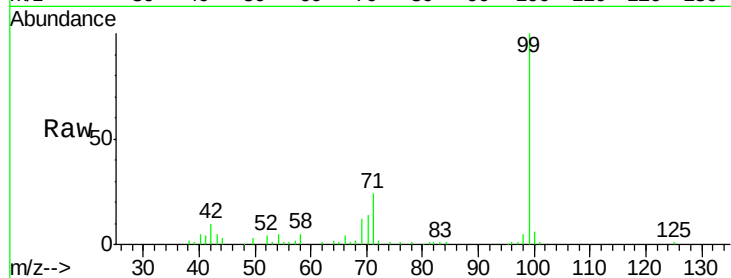
Tot Ion: 99 Resp: 69499

Ion Ratio Lower Upper

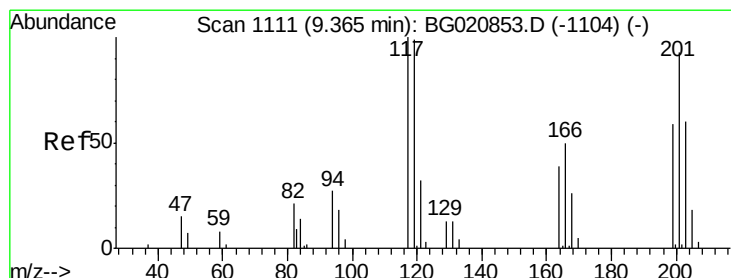
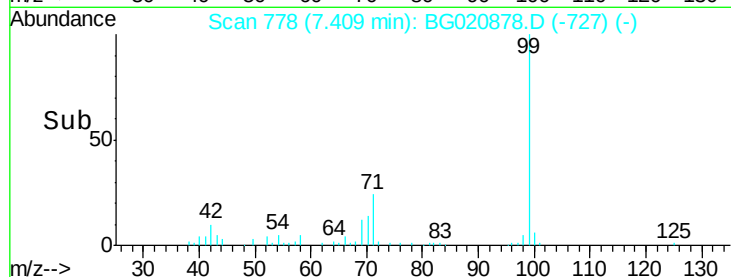
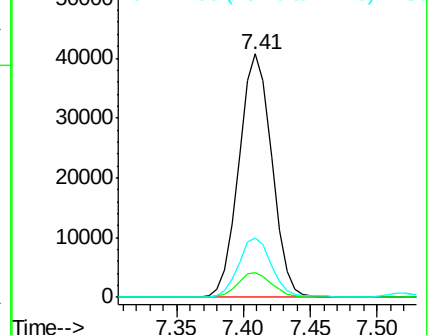
99 100

42 9.9 8.4 12.6

71 24.1 19.4 29.0



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



#18

Hexachloroethane

Concen: 2.51 ng

RT: 9.38 min Scan# 1114

Delta R.T. 0.02 min

Lab File: BG020878.D

Acq: 12 Feb 2016 5:15

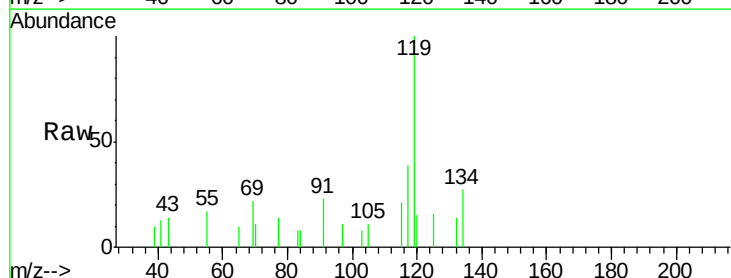
Tgt Ion: 117 Resp: 1440

Ion Ratio Lower Upper

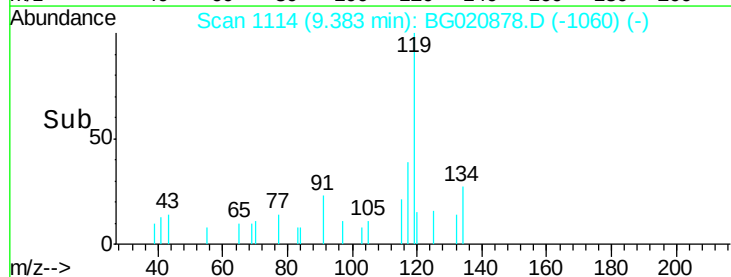
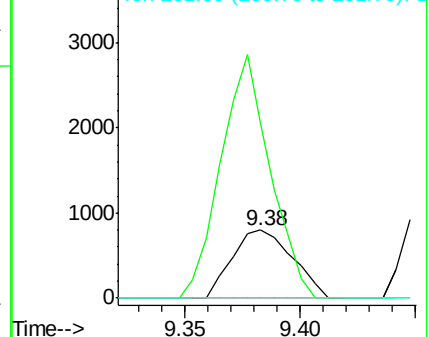
117 100

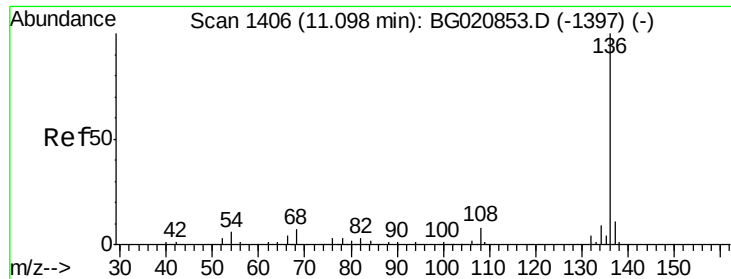
119 258.1 79.6 119.4#

201 0.0 74.5 111.7#



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

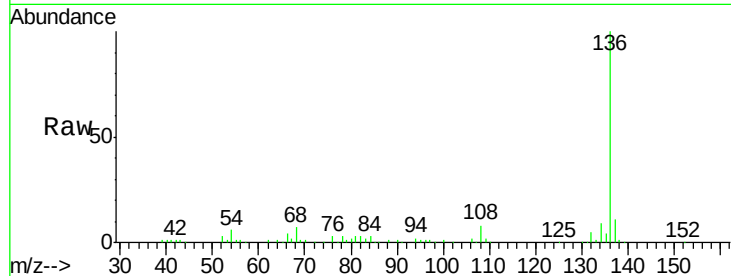




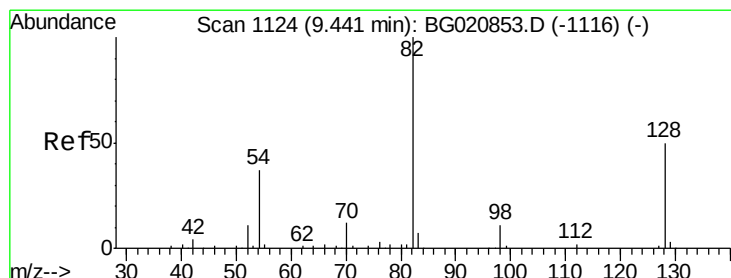
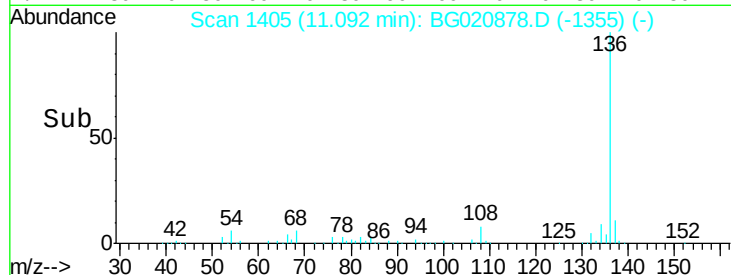
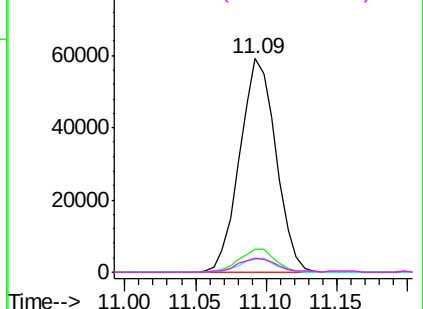
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.09 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BG020878.D
Acq: 12 Feb 2016 5:15

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	105869
Ion	Ratio	Lower Upper
136	100	
137	10.7	8.8 13.2
54	6.2	5.0 7.4
68	6.7	5.2 7.8

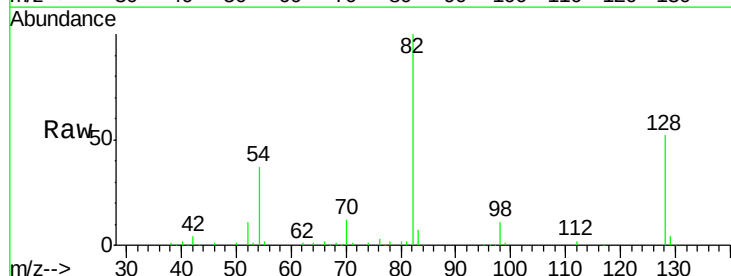


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

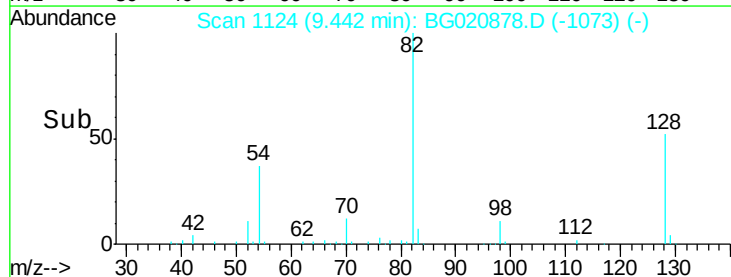
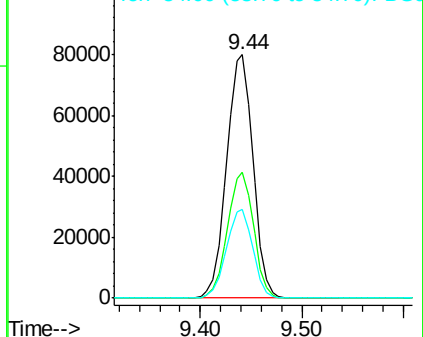


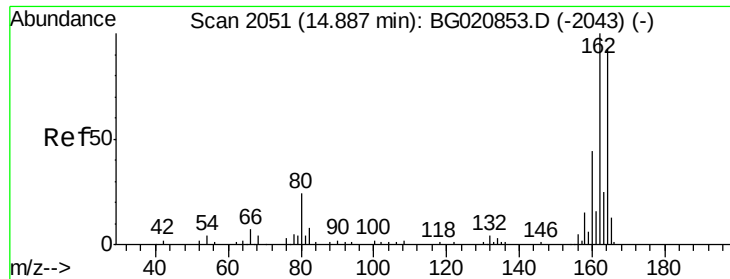
#23
Nitrobenzene-d5
Concen: 89.57 ng
RT: 9.44 min Scan# 1124
Delta R.T. 0.00 min
Lab File: BG020878.D
Acq: 12 Feb 2016 5:15

Tgt Ion: 82	Resp:	144228
Ion	Ratio	Lower Upper
82	100	
128	51.5	40.1 60.1
54	36.7	29.5 44.3



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: 20.00 ng

RT: 14.88 min Scan# 2050

Delta R.T. -0.01 min

Lab File: BG020878.D

Acq: 12 Feb 2016 5:15

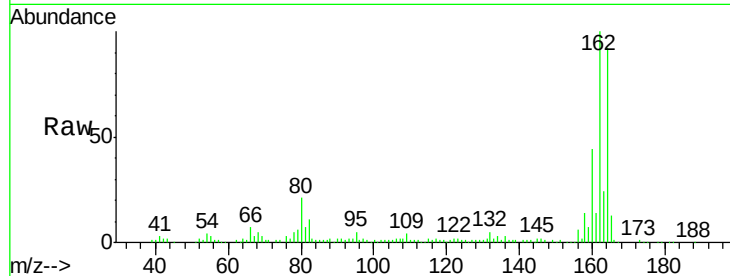
Instrument :

BNA_G

ClientSampleId :

Tot Ion:164 Resp: 62921

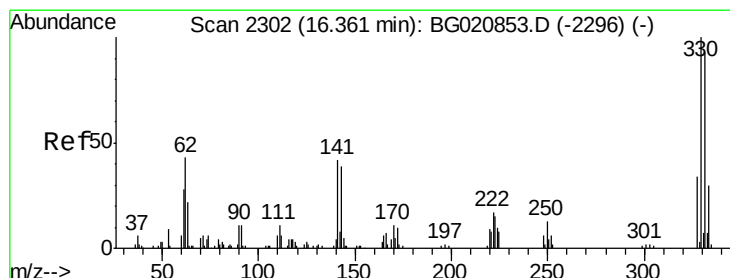
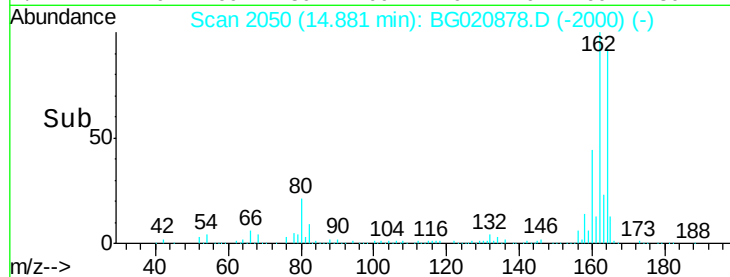
Ion	Ratio	Lower	Upper
164	100		
162	109.0	85.7	128.5
160	47.8	37.4	56.0



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: 148.33 ng

RT: 16.36 min Scan# 2302

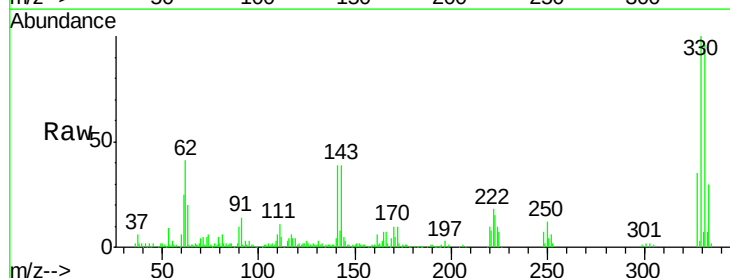
Delta R.T. 0.00 min

Lab File: BG020878.D

Acq: 12 Feb 2016 5:15

Tgt Ion:330 Resp: 91782

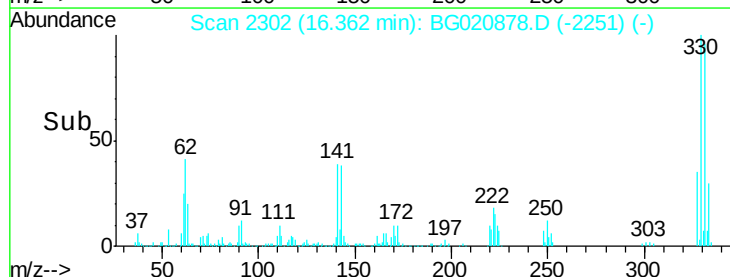
Ion	Ratio	Lower	Upper
330	100		
332	95.6	76.1	114.1
141	37.3	32.0	48.0

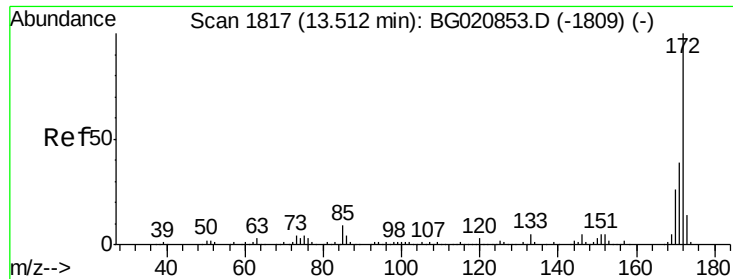


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

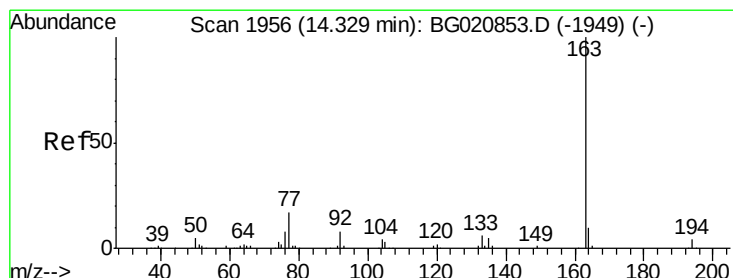
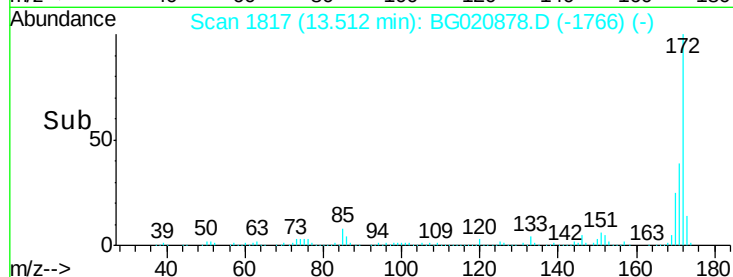
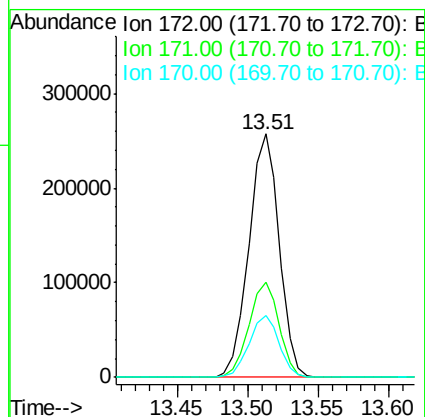
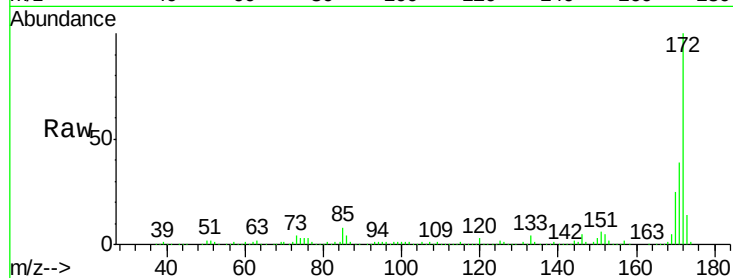




#44
2-Fluorobiphenyl
Concen: 86.54 ng
RT: 13.51 min Scan# 1817
Delta R.T. 0.00 min
Lab File: BG020878.D
Acq: 12 Feb 2016 5:15

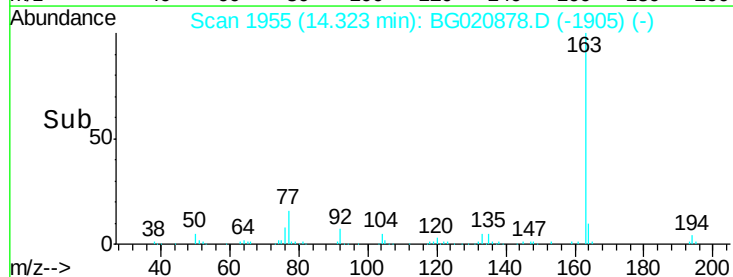
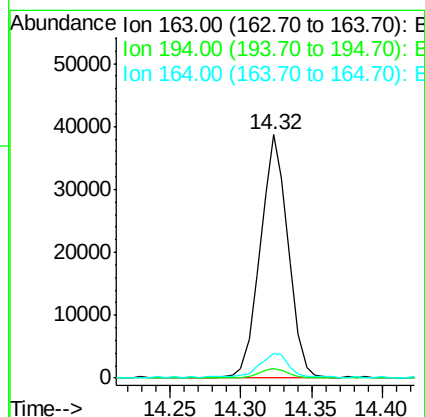
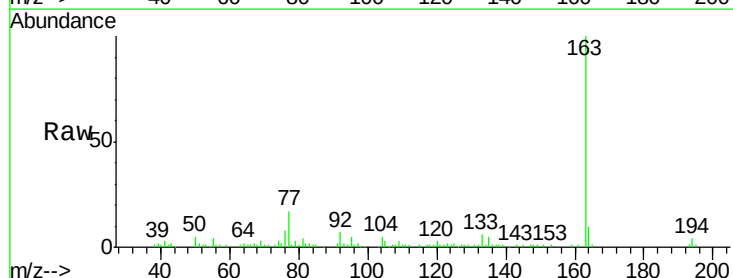
Instrument :
BNA_G
ClientSampleId :

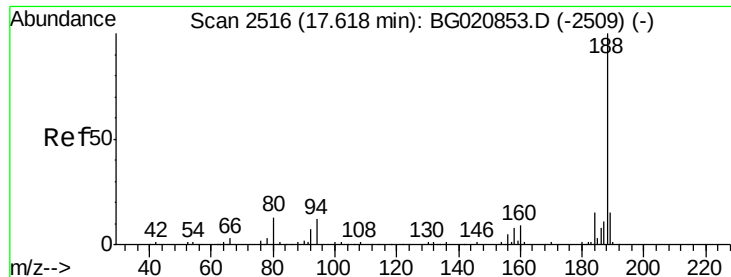
Tot Ion	Ratio	Lower	Upper
172	100		
171	39.3	31.2	46.8
170	25.4	20.6	30.8



#49
Dimethylphthalate
Concen: 10.91 ng
RT: 14.32 min Scan# 1955
Delta R.T. -0.01 min
Lab File: BG020878.D
Acq: 12 Feb 2016 5:15

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.1	4.7
164	10.0	8.3	12.5





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.62 min Scan# 2516

Delta R.T. 0.00 min

Lab File: BG020878.D

Acq: 12 Feb 2016 5:15

Instrument :

BNA_G

ClientSampleId :

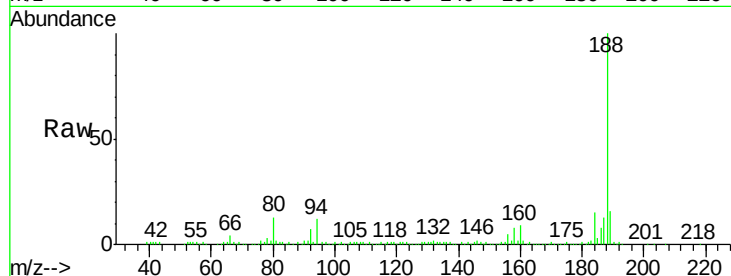
Tot Ion:188 Resp: 120391

Ion Ratio Lower Upper

188 100

94 12.4 9.4 14.0

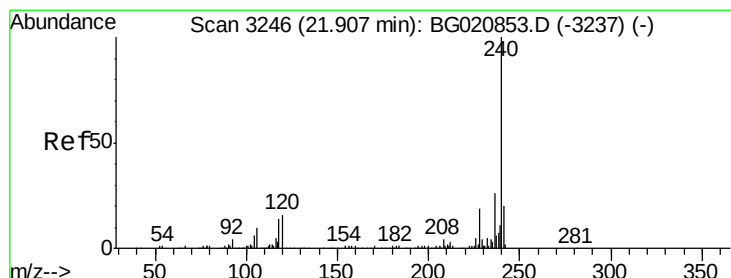
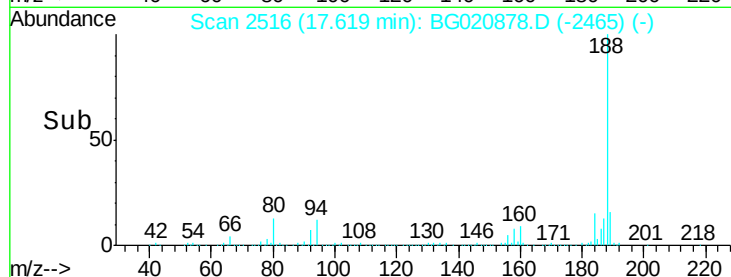
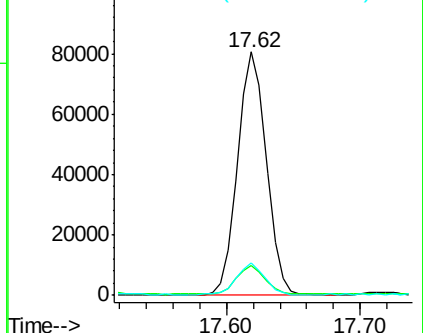
80 13.4 10.2 15.4



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



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.90 min Scan# 3245

Delta R.T. -0.01 min

Lab File: BG020878.D

Acq: 12 Feb 2016 5:15

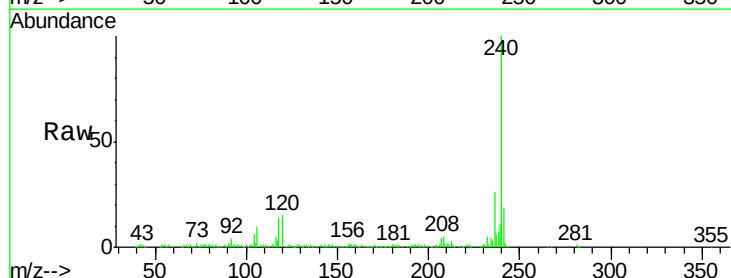
Tgt Ion:240 Resp: 113921

Ion Ratio Lower Upper

240 100

120 14.8 13.0 19.4

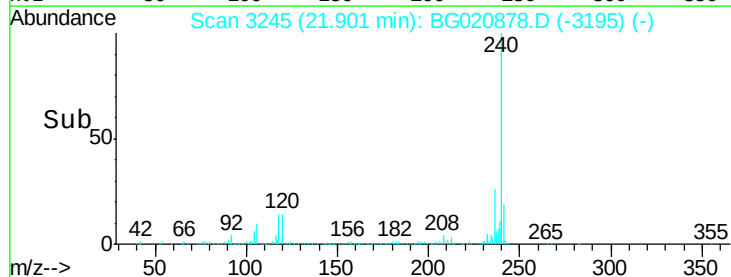
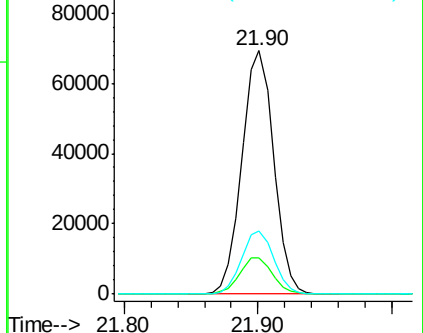
236 25.9 21.0 31.4

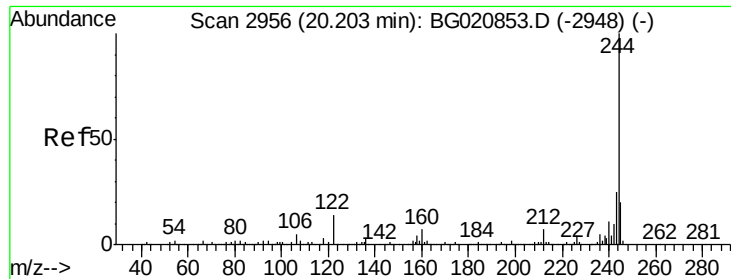


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 82.49 ng

RT: 20.20 min Scan# 2956

Delta R.T. 0.00 min

Lab File: BG020878.D

Acq: 12 Feb 2016 5:15

Instrument :

BNA_G

ClientSampleId :

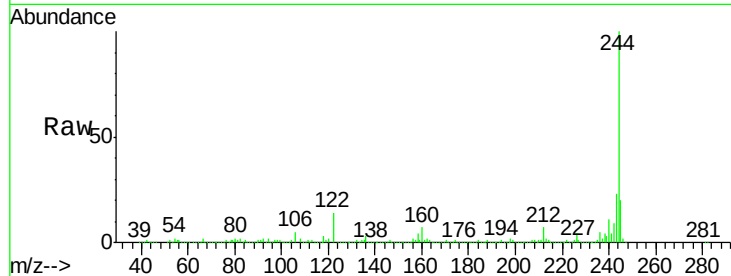
Tot Ion:244 Resp: 402805

Ion Ratio Lower Upper

244 100

212 6.6 5.5 8.3

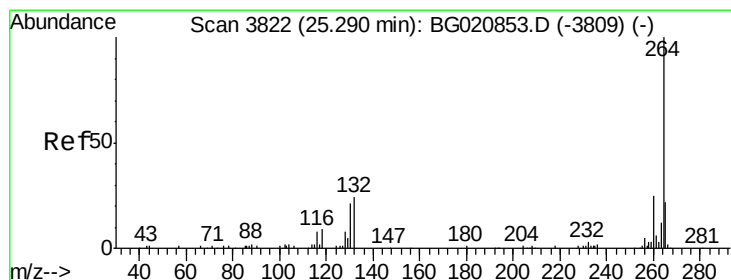
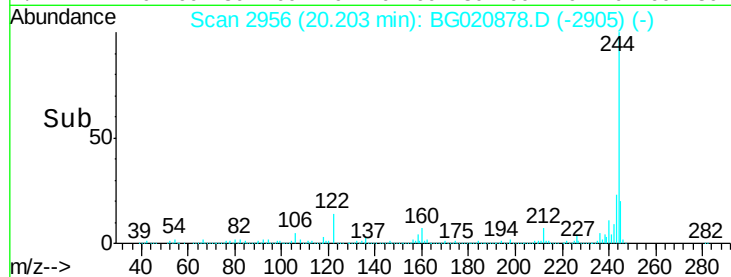
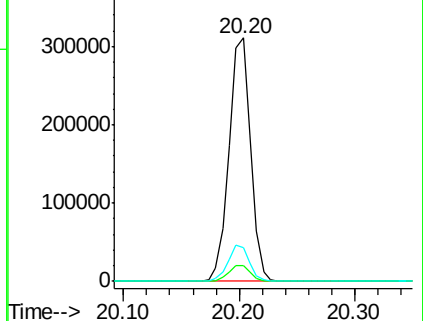
122 13.8 11.4 17.2



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: 20.00 ng

RT: 25.28 min Scan# 3821

Delta R.T. -0.01 min

Lab File: BG020878.D

Acq: 12 Feb 2016 5:15

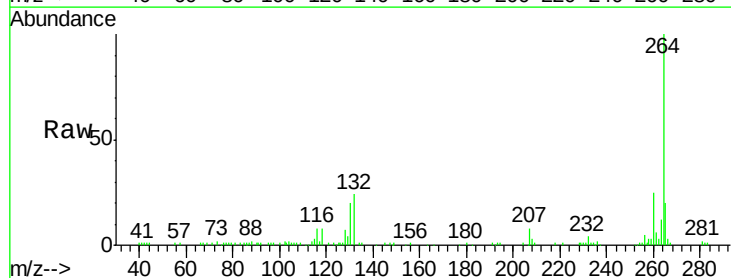
Tgt Ion:264 Resp: 109254

Ion Ratio Lower Upper

264 100

260 24.6 19.9 29.9

265 20.5 18.0 27.0



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

