

Data Path : Z:\HPCHEM1\BNA G\DATA\BG112117\
 Data File : BG031182.D
 Acq On : 22 Nov 2017 10:21
 Operator : SJ/JU
 Sample : I6540-02
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 22 13:28:25 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG111017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 10 15:38:25 2017
 Response via : Initial Calibration

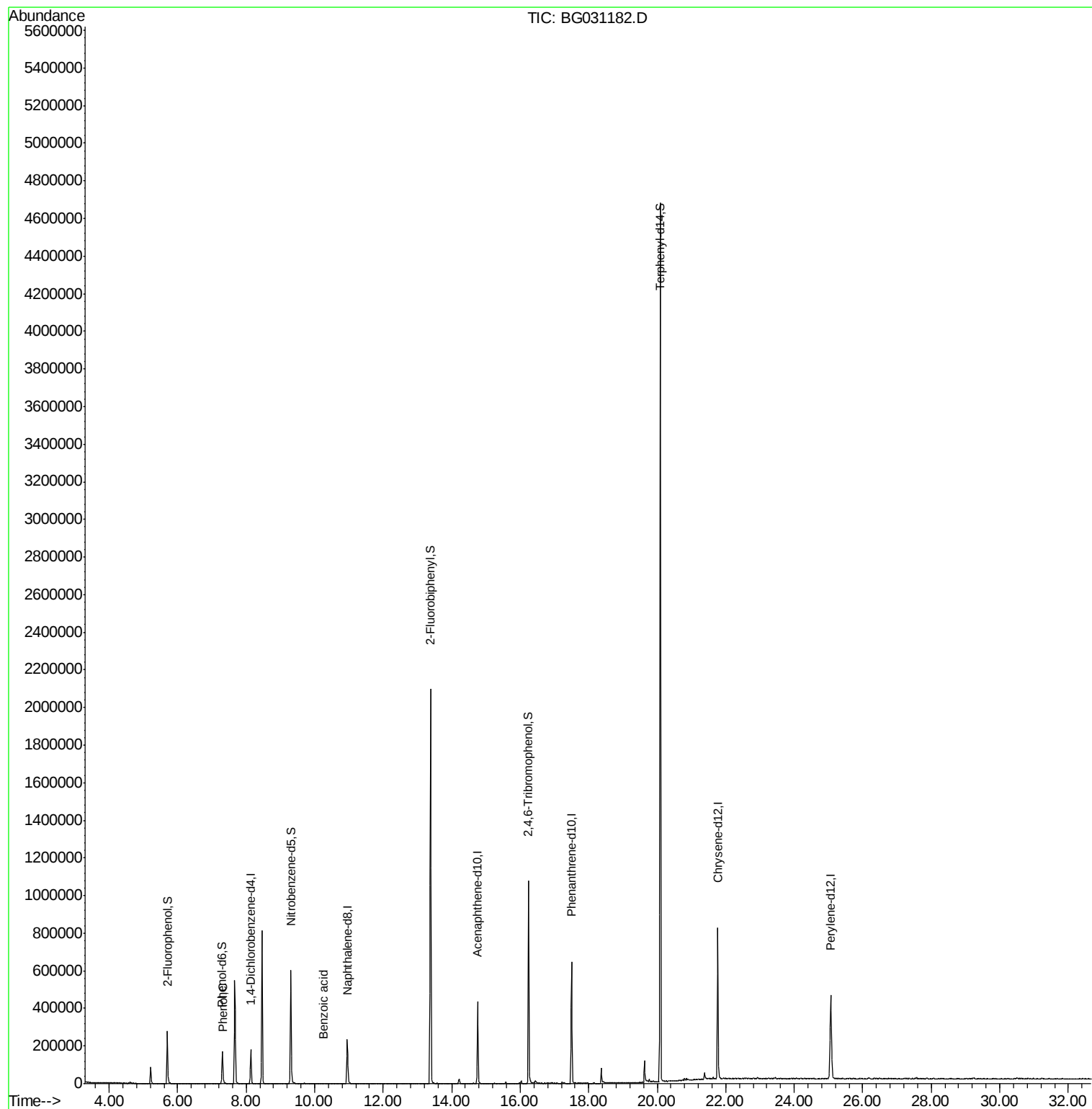
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	57385	20.00	ng	-0.01
21) Naphthalene-d8	10.95	136	246419	20.00	ng	-0.01
38) Acenaphthene-d10	14.75	164	166589	20.00	ng	-0.02
63) Phenanthrene-d10	17.50	188	432380	20.00	ng	-0.01
75) Chrysene-d12	21.77	240	522909	20.00	ng	-0.01
86) Perylene-d12	25.07	264	505143	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	146412	43.75	ng	0.00
7) Phenol-d6	7.30	99	120582	26.75	ng	0.00
23) Nitrobenzene-d5	9.30	82	402718	96.84	ng	-0.02
41) 2,4,6-Tribromophenol	16.24	330	226160	83.92	ng	-0.01
44) 2-Fluorobiphenyl	13.38	172	1183183	102.05	ng	-0.02
78) Terphenyl-d14	20.09	244	2015999	85.13	ng	0.00
Target Compounds						
10) Phenol	7.34	94	9730	2.078	ng	82
32) Benzoic acid	10.27	122	54	5.679	ng	# 1

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

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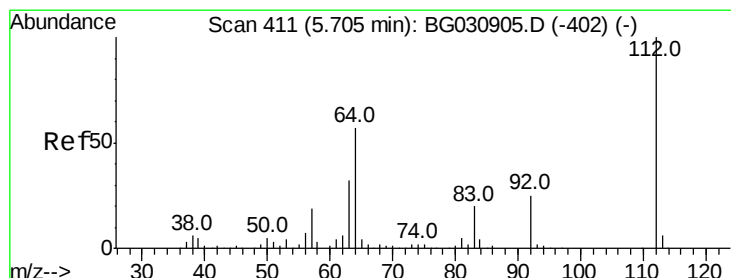
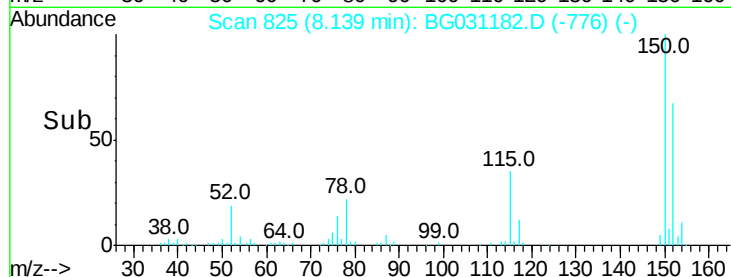
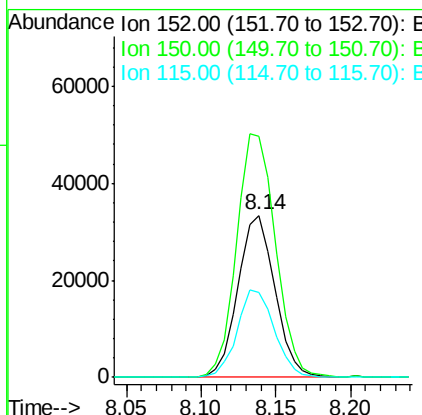
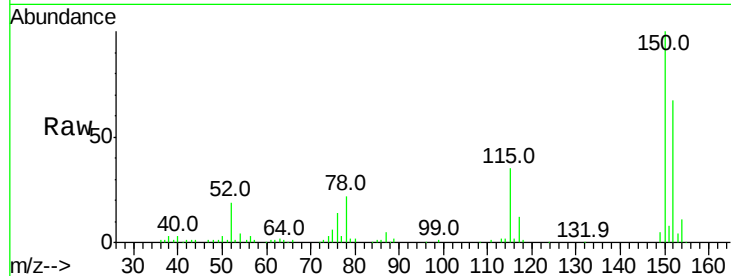


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.14 min Scan# 825
 Delta R.T. -0.01 min
 Lab File: BG031182.D
 Acq: 22 Nov 2017 10:21

Instrument :
 BNA_G
 ClientSampleId :

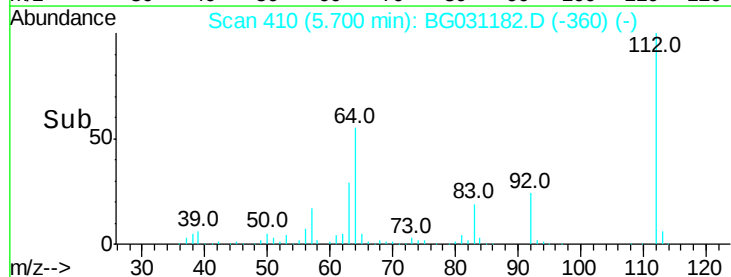
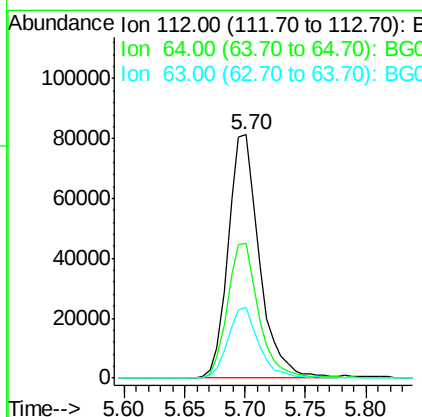
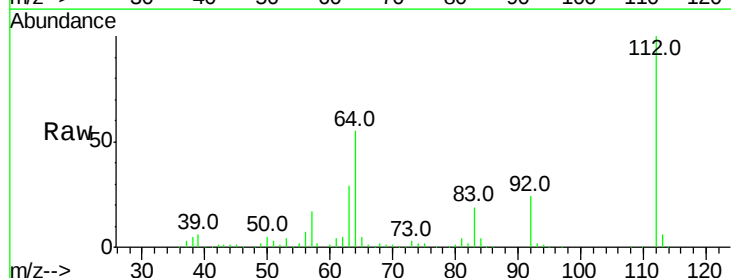
Tot Ion	Ratio	Lower	Upper
152	100		
150	148.7	126.6	189.8
115	52.2	53.0	79.4#

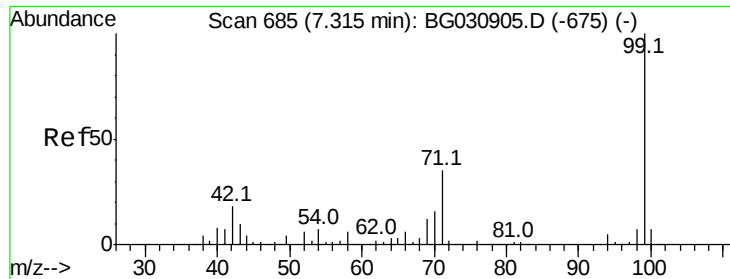


#5

2-Fluorophenol
 Concen: 43.750 ng
 RT: 5.70 min Scan# 410
 Delta R.T. -0.01 min
 Lab File: BG031182.D
 Acq: 22 Nov 2017 10:21

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.3	56.3	84.5#
63	29.1	30.1	45.1#





#7

Phenol-d6

Concen: 26.745 ng

RT: 7.30 min Scan# 683

Delta R.T. -0.00 min

Lab File: BG031182.D

Acq: 22 Nov 2017 10:21

Instrument :

BNA_G

ClientSampleId :

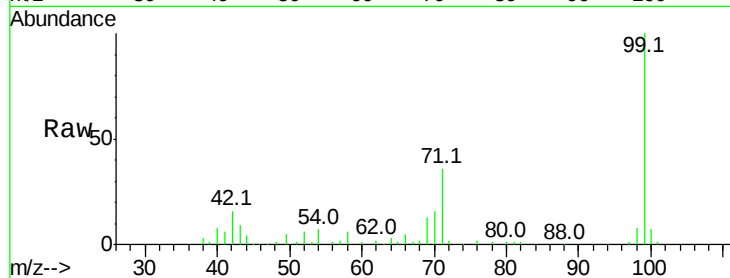
Tot Ion: 99 Resp: 120582

Ion Ratio Lower Upper

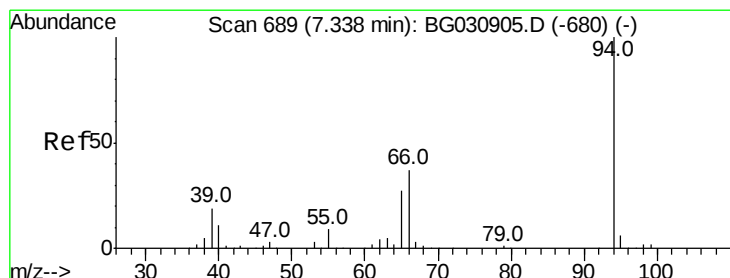
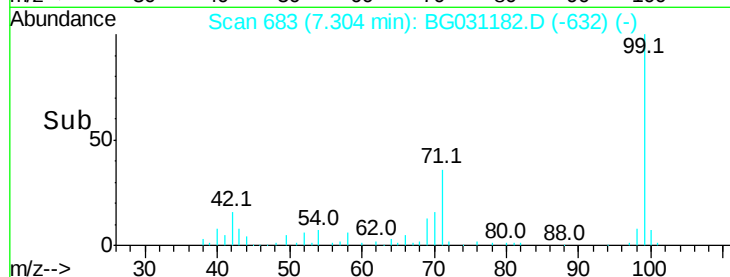
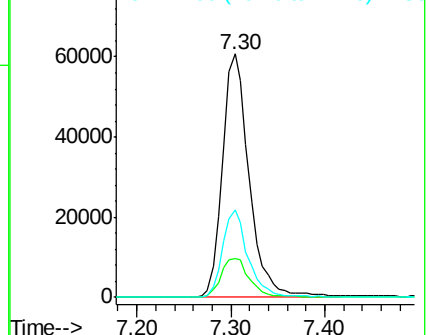
99 100

42 16.0 14.1 21.1

71 35.8 26.1 39.1



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: 2.078 ng

RT: 7.34 min Scan# 689

Delta R.T. 0.00 min

Lab File: BG031182.D

Acq: 22 Nov 2017 10:21

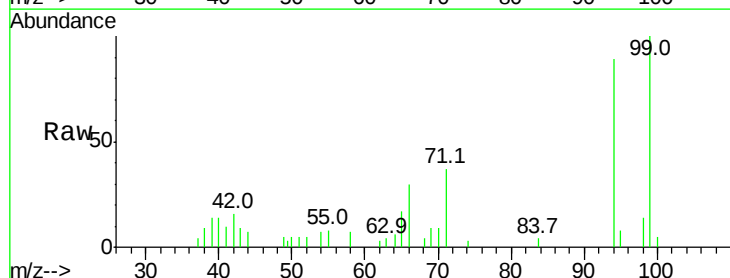
Tgt Ion: 94 Resp: 9730

Ion Ratio Lower Upper

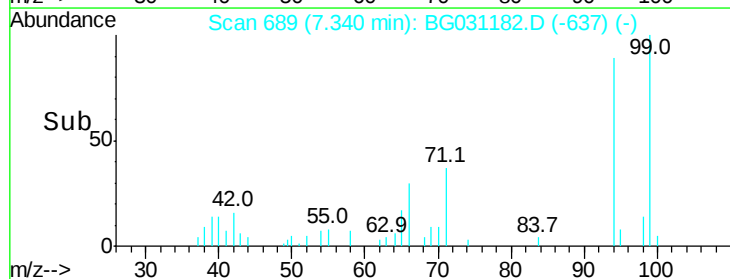
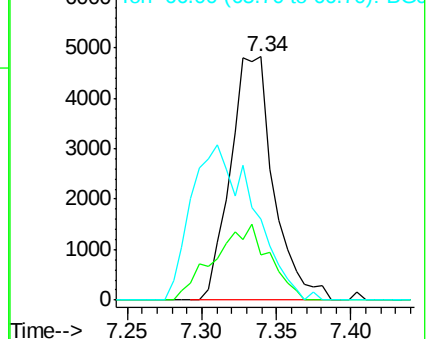
94 100

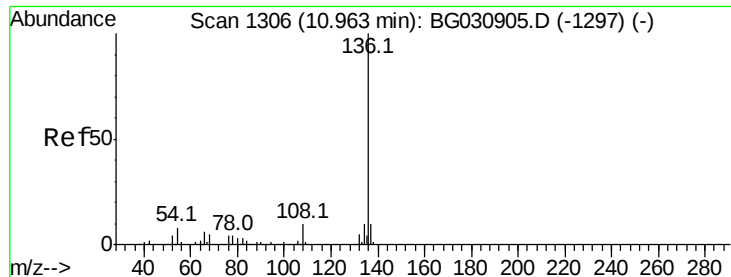
65 18.6 11.9 51.9

66 33.3 22.2 62.2



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: 10.95 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BG031182.D

Acq: 22 Nov 2017 10:21

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 246419

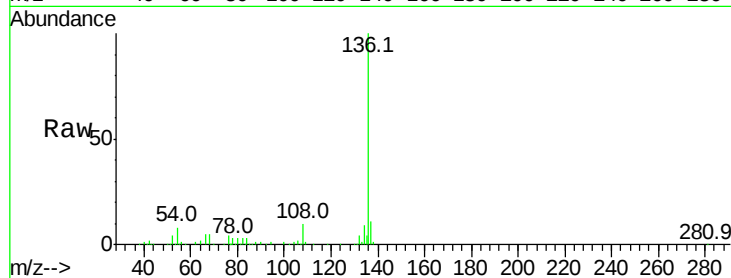
Ion Ratio Lower Upper

136 100

137 11.3 9.2 13.8

54 7.5 10.3 15.5#

68 5.2 4.5 6.7

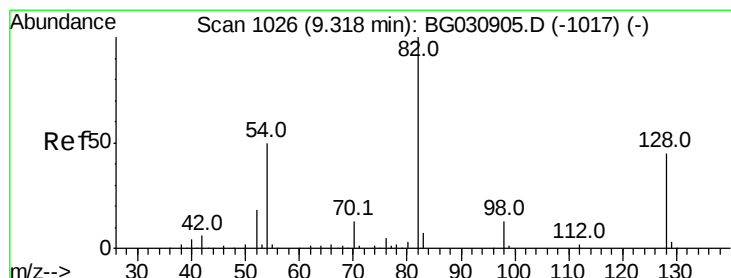
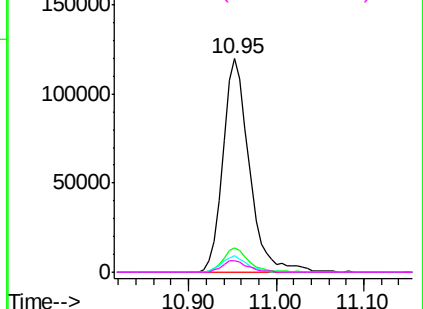
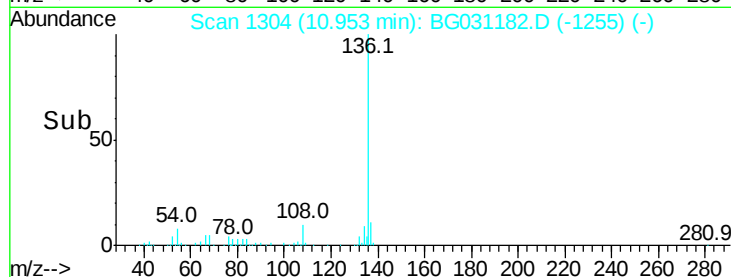


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#23

Nitrobenzene-d5

Concen: 96.841 ng

RT: 9.30 min Scan# 1023

Delta R.T. -0.02 min

Lab File: BG031182.D

Acq: 22 Nov 2017 10:21

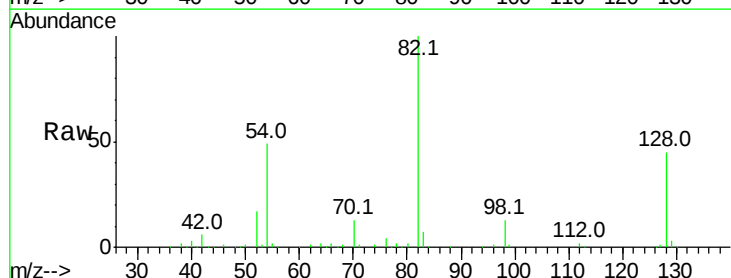
Tgt Ion: 82 Resp: 402718

Ion Ratio Lower Upper

82 100

128 45.0 29.7 44.5#

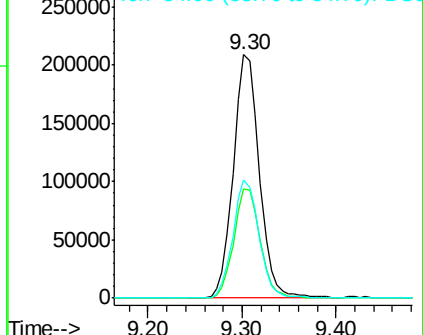
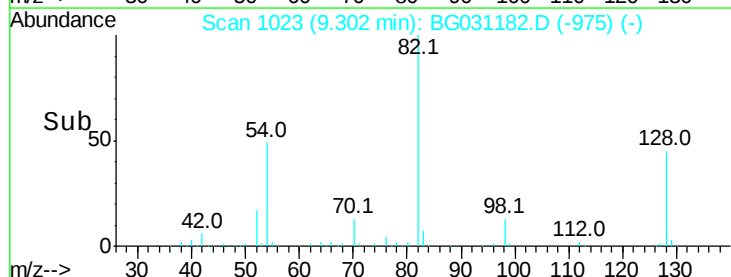
54 48.7 43.1 64.7

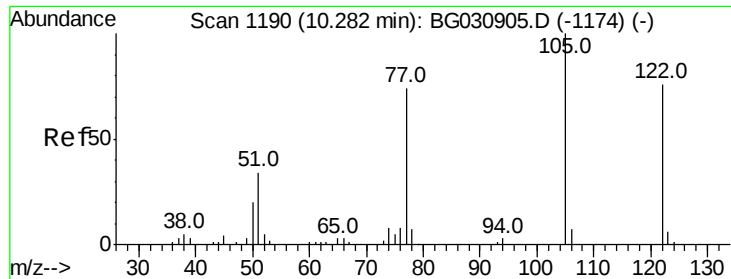


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC





#32

Benzoic acid

Concen: 5.679 ng

RT: 10.27 min Scan# 1188

Delta R.T. 0.00 min

Lab File: BG031182.D

Acq: 22 Nov 2017 10:21

Instrument :

BNA_G

ClientSampleId :

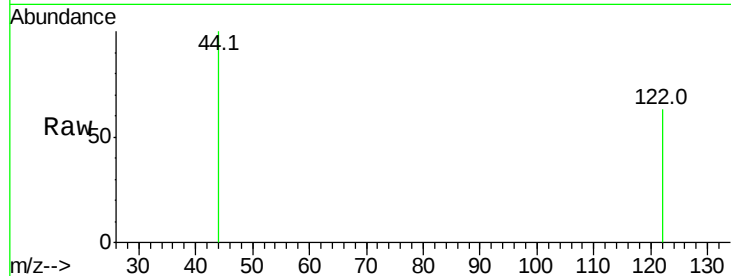
Tot Ion:122 Resp: 54

Ion Ratio Lower Upper

122 100

105 0.0 123.5 163.5#

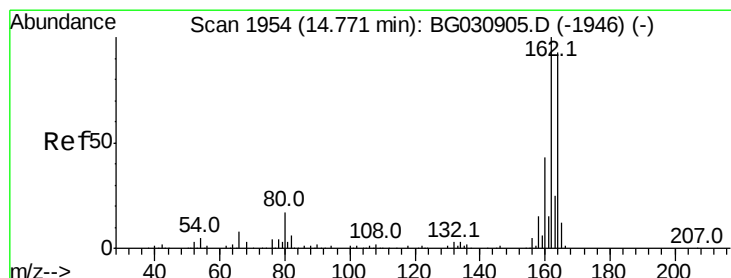
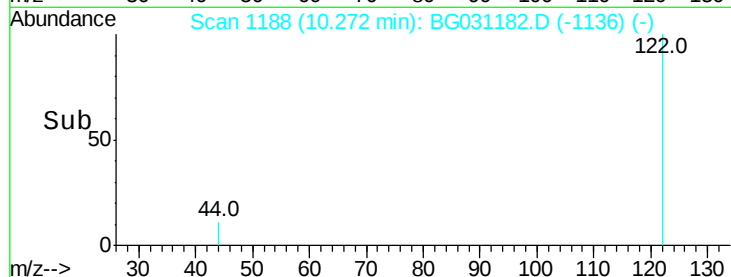
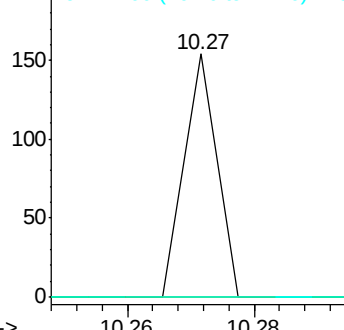
77 0.0 85.7 125.7#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BGC



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.75 min Scan# 1951

Delta R.T. -0.02 min

Lab File: BG031182.D

Acq: 22 Nov 2017 10:21

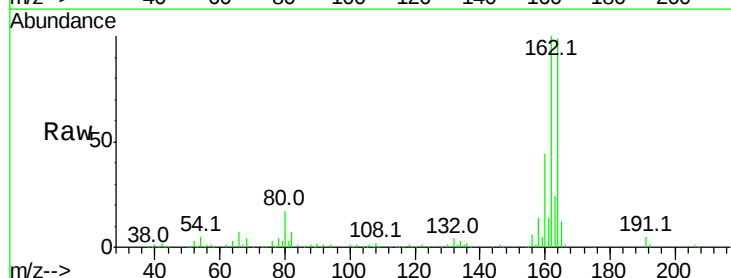
Tgt Ion:164 Resp: 166589

Ion Ratio Lower Upper

164 100

162 101.0 78.8 118.2

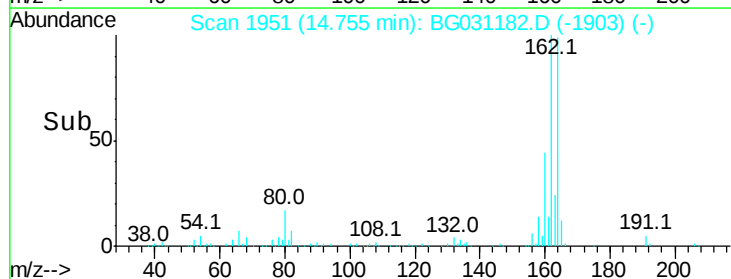
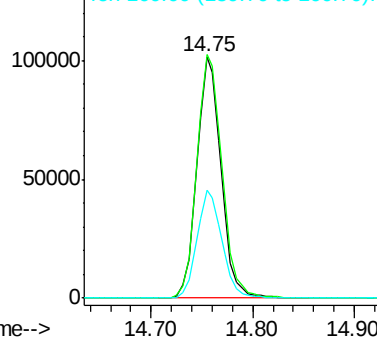
160 44.8 35.4 53.0

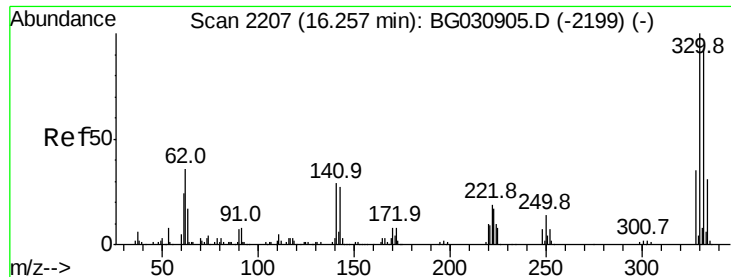


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

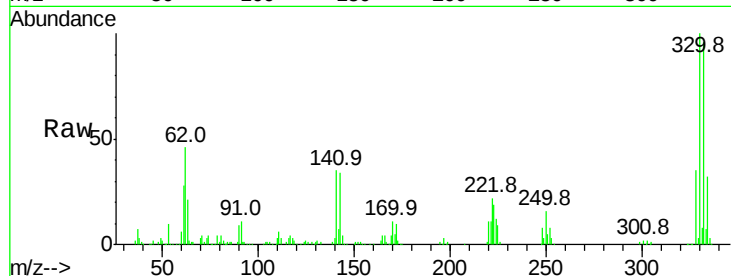




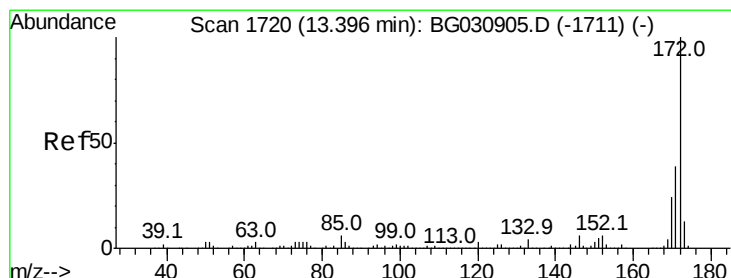
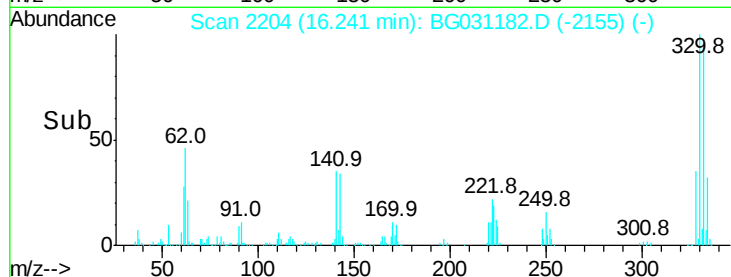
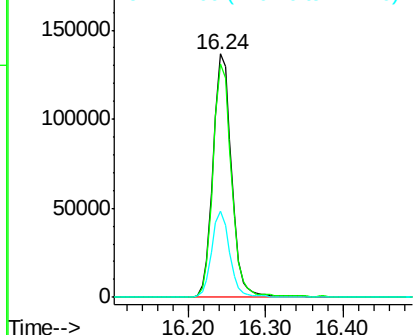
#41
 2,4,6-Tribromophenol
 Concen: 83.922 ng
 RT: 16.24 min Scan# 2204
 Delta R.T. -0.01 min
 Lab File: BG031182.D
 Acq: 22 Nov 2017 10:21

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.0	115.6
141	34.3	25.2	37.8

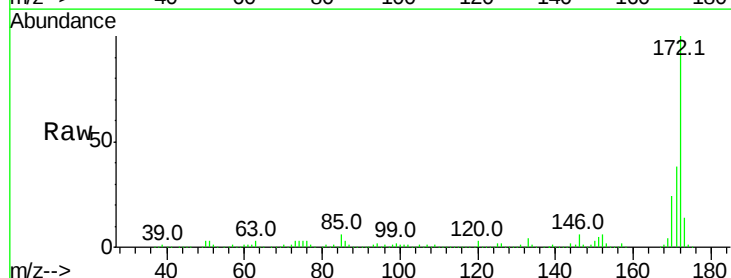


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

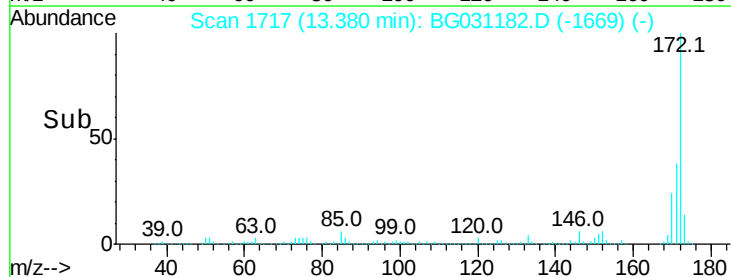
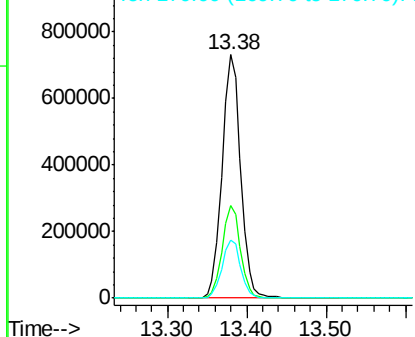


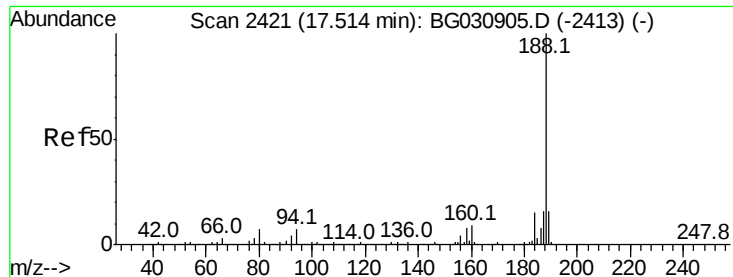
#44
 2-Fluorobiphenyl
 Concen: 102.054 ng
 RT: 13.38 min Scan# 1717
 Delta R.T. -0.02 min
 Lab File: BG031182.D
 Acq: 22 Nov 2017 10:21

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.9	30.0	45.0
170	23.7	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

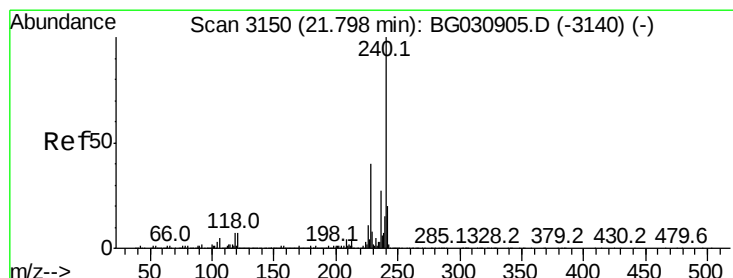
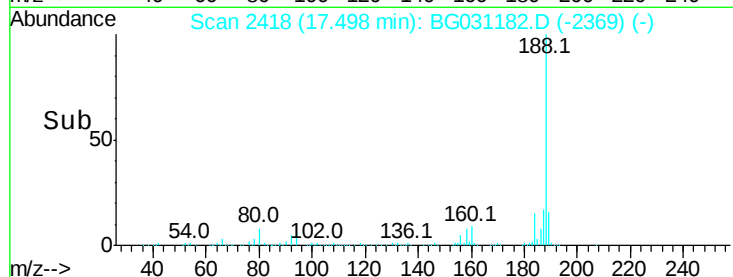
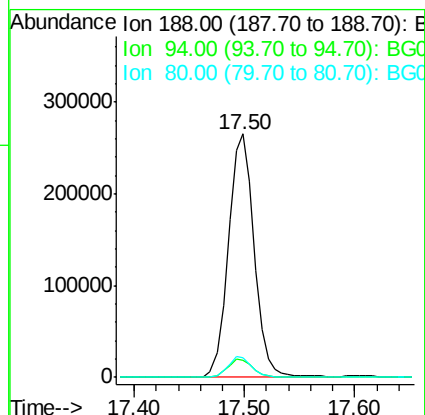
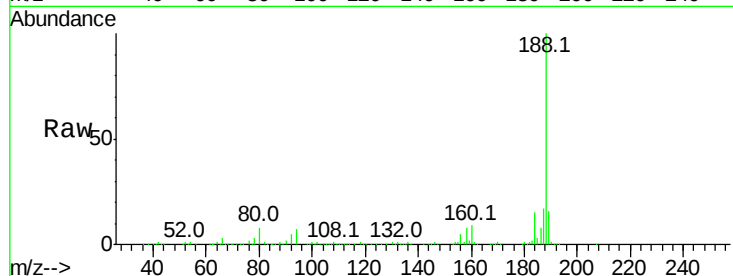




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.50 min Scan# 2418
Delta R.T. -0.01 min
Lab File: BG031182.D
Acq: 22 Nov 2017 10:21

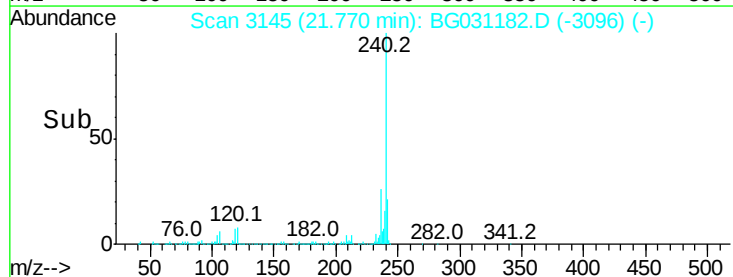
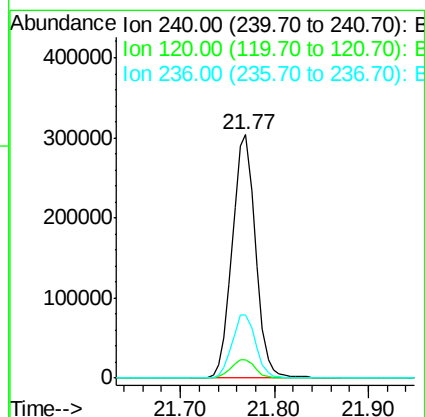
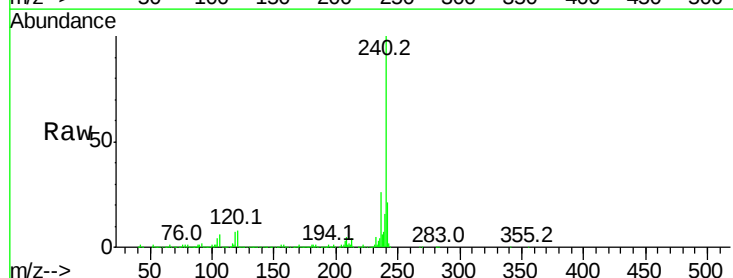
Instrument :
BNA_G
ClientSampleId :

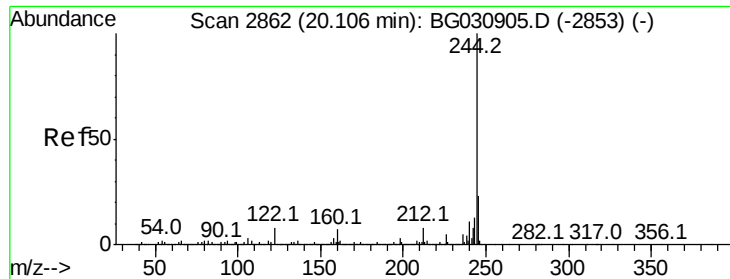
Tot Ion:188 Resp: 432380
Ion Ratio Lower Upper
188 100
94 6.9 6.9 10.3
80 8.1 7.7 11.5



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.77 min Scan# 3145
Delta R.T. -0.01 min
Lab File: BG031182.D
Acq: 22 Nov 2017 10:21

Tgt Ion:240 Resp: 522909
Ion Ratio Lower Upper
240 100
120 7.5 6.8 10.2
236 26.1 20.9 31.3





#78

Terphenyl-d14

Concen: 85.130 ng

RT: 20.09 min Scan# 2859

Delta R.T. -0.01 min

Lab File: BG031182.D

Acq: 22 Nov 2017 10:21

Instrument :

BNA_G

ClientSampleId :

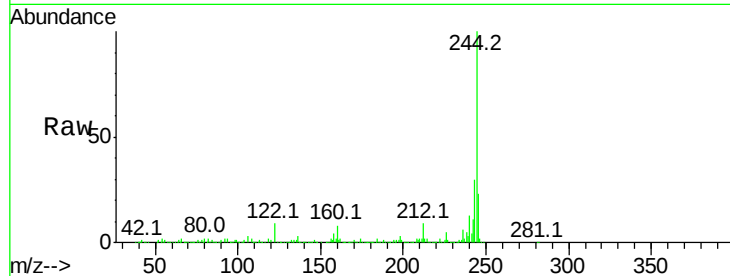
Tot Ion:244 Resp: 2015999

Ion Ratio Lower Upper

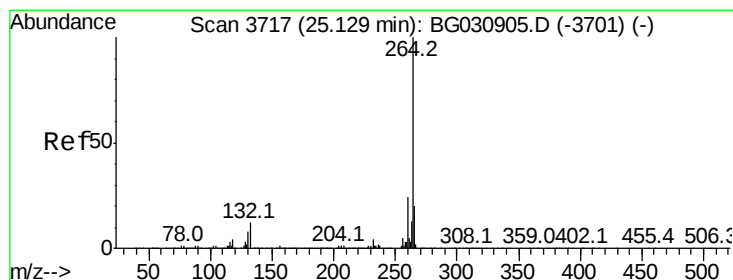
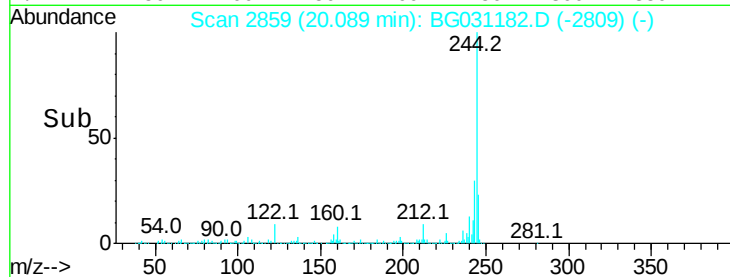
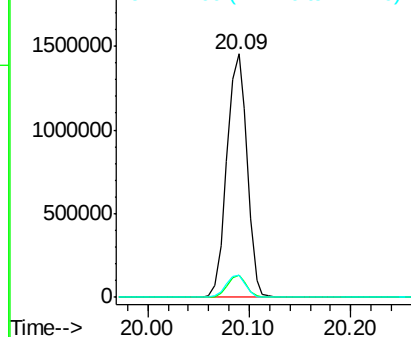
244 100

212 9.0 5.8 8.8#

122 9.1 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: 25.07 min Scan# 3706

Delta R.T. -0.03 min

Lab File: BG031182.D

Acq: 22 Nov 2017 10:21

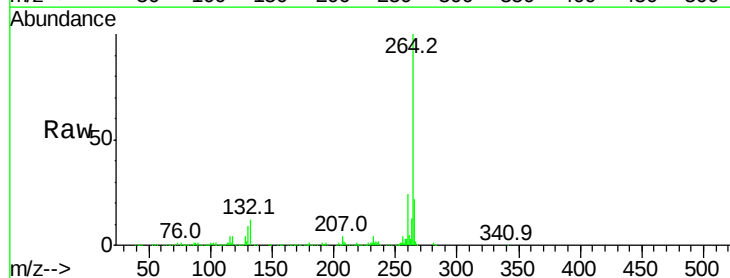
Tgt Ion:264 Resp: 505143

Ion Ratio Lower Upper

264 100

260 24.5 17.4 26.0

265 22.4 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

