

Data Path : Z:\HPCHEM1\BNA G\DATA\BG052715\
 Data File : BG017310.D
 Acq On : 27 May 2015 19:47
 Operator : TP/IZ
 Sample : G2392-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TW-28

Quant Time: May 28 03:40:04 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG051315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 28 02:22:53 2015
 Response via : Initial Calibration

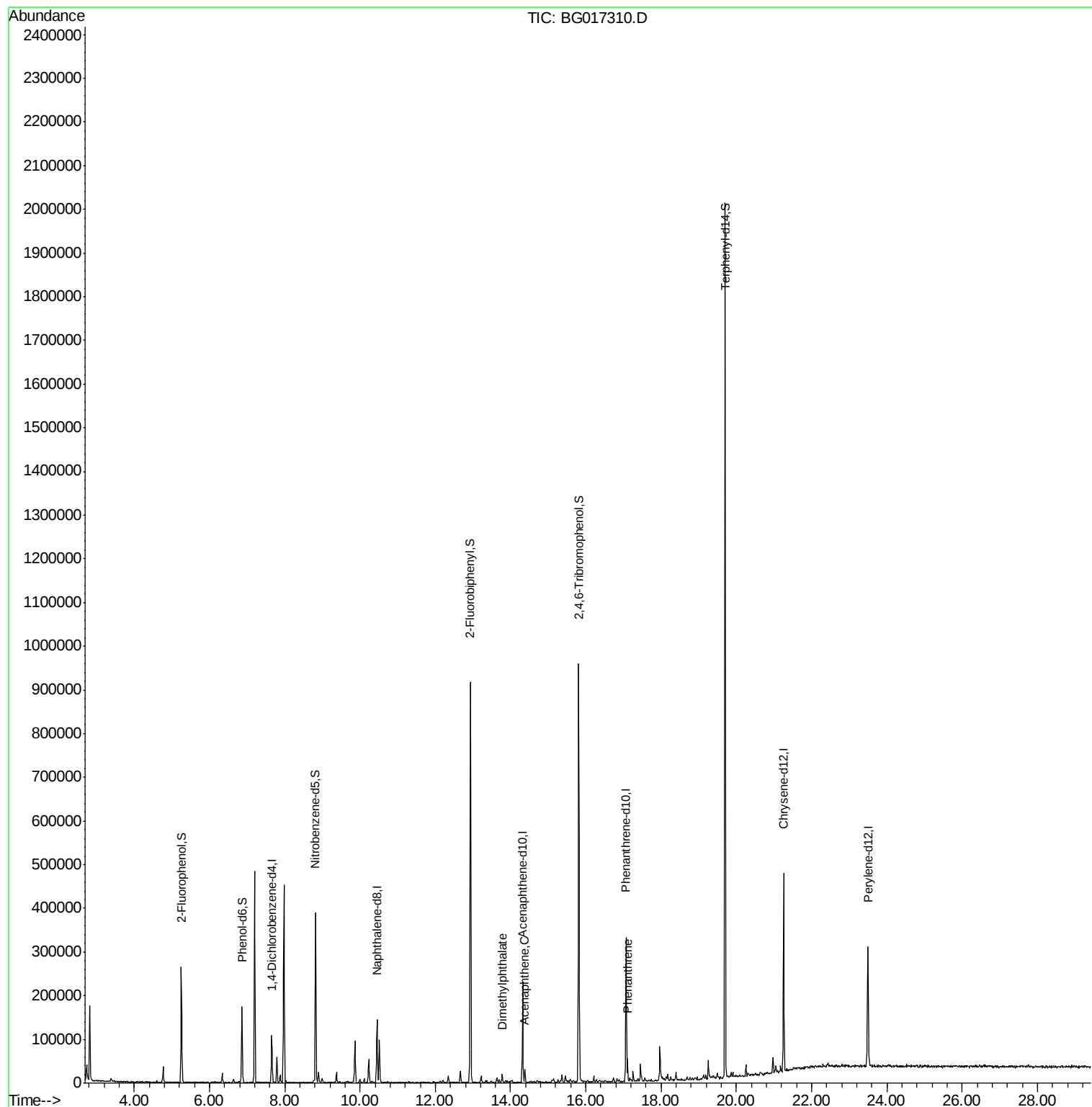
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	24689	20.00	ng	0.00
21) Naphthalene-d8	10.45	136	104543	20.00	ng	0.00
38) Acenaphthene-d10	14.32	164	70067	20.00	ng	0.00
63) Phenanthrene-d10	17.06	188	174339	20.00	ng	0.00
75) Chrysene-d12	21.25	240	190970	20.00	ng	0.00
86) Perylene-d12	23.50	264	185453	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	93356	67.09	ng	0.00
7) Phenol-d6	6.86	99	75021	38.42	ng	0.00
23) Nitrobenzene-d5	8.82	82	196541	87.77	ng	0.00
41) 2,4,6-Tribromophenol	15.82	330	136654	161.34	ng	0.00
44) 2-Fluorobiphenyl	12.94	172	431586	90.38	ng	0.00
78) Terphenyl-d14	19.70	244	776893	84.78	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	13.78	163	11517	2.10	ng	96
51) Acenaphthene	14.38	154	9821	2.43	ng	94
70) Phenanthrene	17.10	178	28237	3.14	ng	94

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.66 min Scan# 846

Delta R.T. 0.00 min

Lab File: BG017310.D

Acq: 27 May 2015 19:47

Instrument :

BNA_G

ClientSampleId :

TW-28

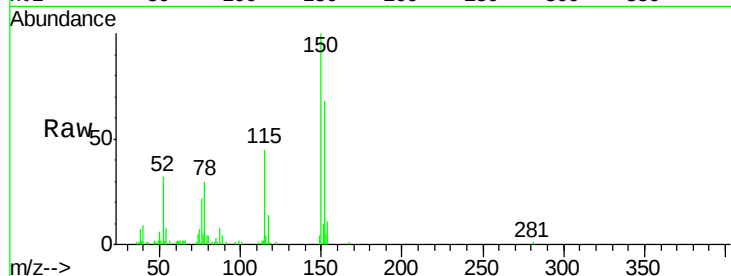
Tot Ion:152 Resp: 24689

Ion Ratio Lower Upper

152 100

150 147.7 120.8 181.2

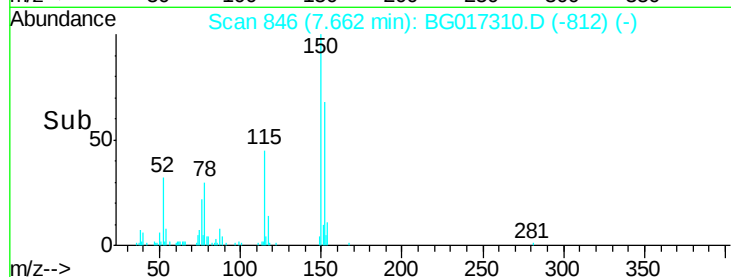
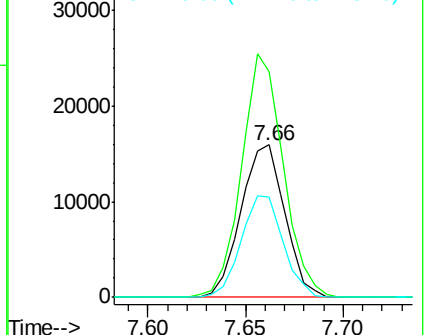
115 66.1 49.4 74.2



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: 67.09 ng

RT: 5.26 min Scan# 437

Delta R.T. 0.00 min

Lab File: BG017310.D

Acq: 27 May 2015 19:47

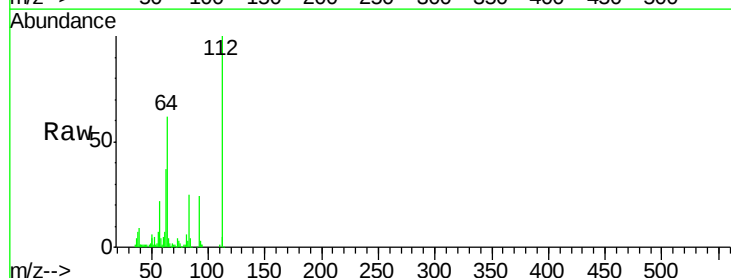
Tgt Ion:112 Resp: 93356

Ion Ratio Lower Upper

112 100

64 62.0 48.1 72.1

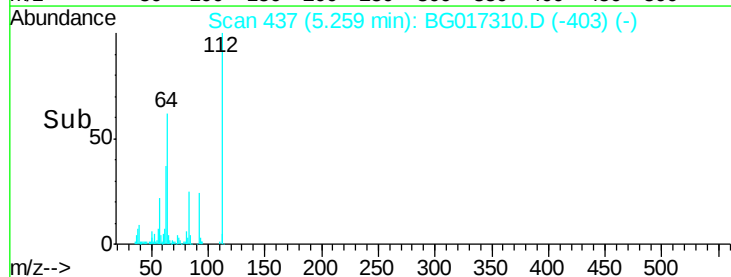
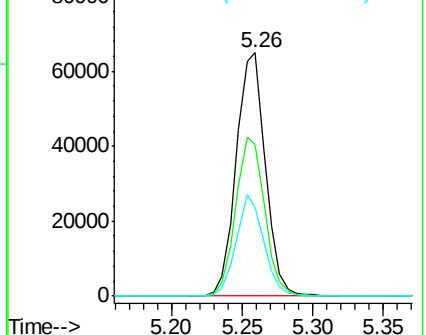
63 36.6 29.8 44.8

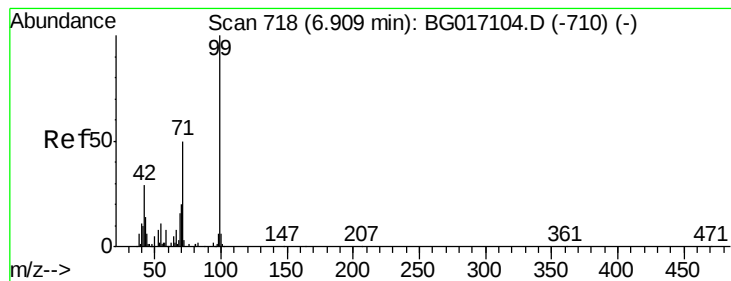


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 38.42 ng

RT: 6.86 min Scan# 710

Delta R.T. -0.00 min

Lab File: BG017310.D

Acq: 27 May 2015 19:47

Instrument :

BNA_G

ClientSampleId :

TW-28

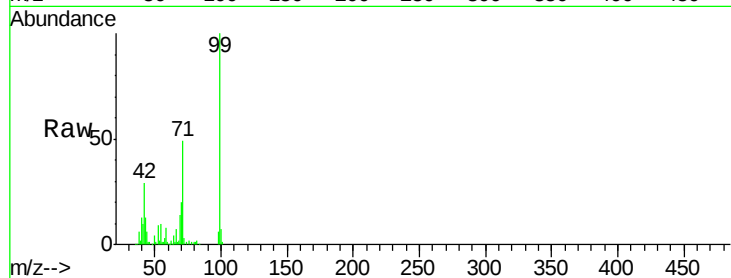
Tot Ion: 99 Resp: 75021

Ion Ratio Lower Upper

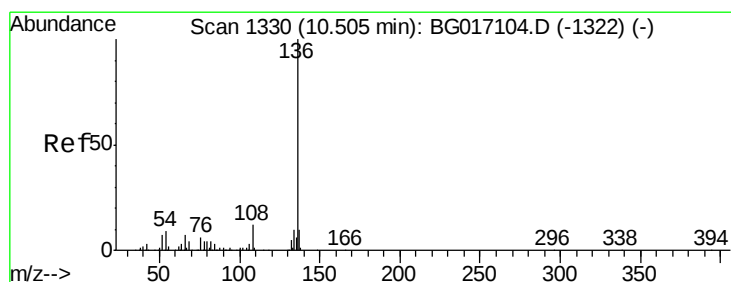
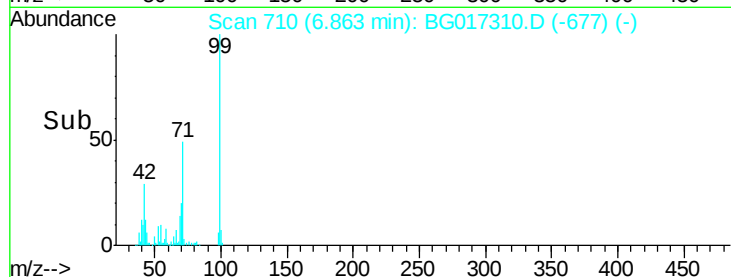
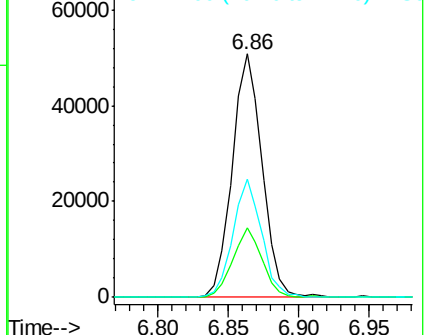
99 100

42 28.7 23.5 35.3

71 48.6 39.8 59.8



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.45 min Scan# 1321

Delta R.T. -0.00 min

Lab File: BG017310.D

Acq: 27 May 2015 19:47

Tgt Ion: 136 Resp: 104543

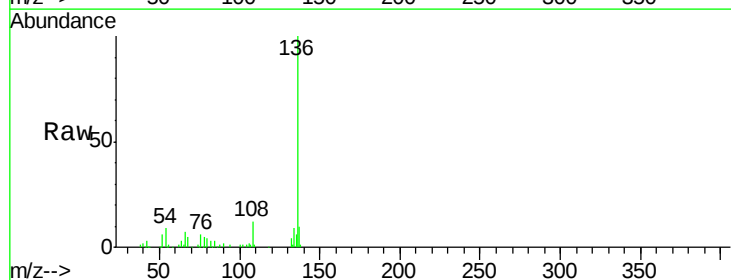
Ion Ratio Lower Upper

136 100

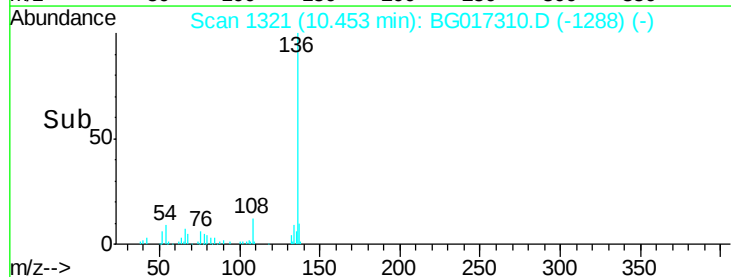
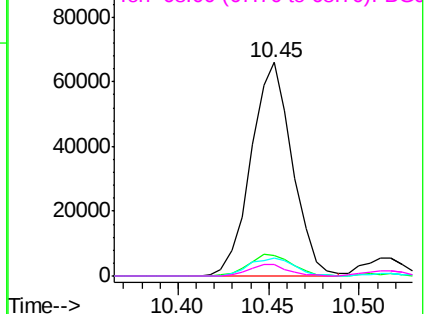
137 9.7 8.3 12.5

54 8.5 7.4 11.2

68 5.2 3.6 5.4



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

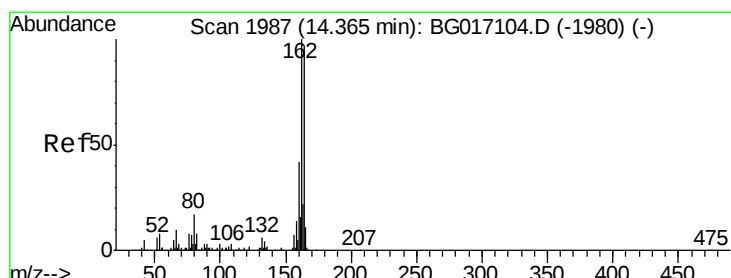
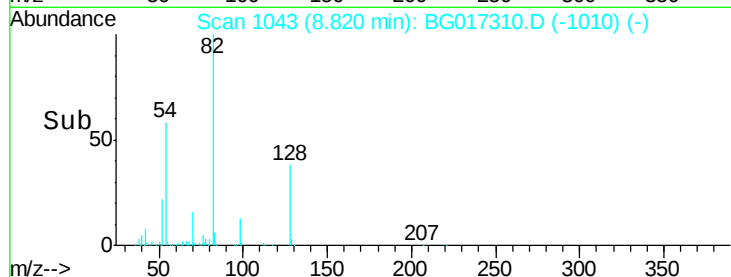
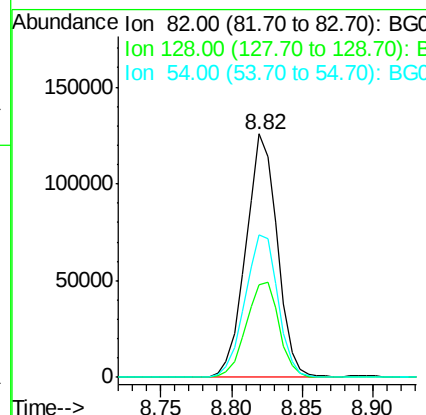
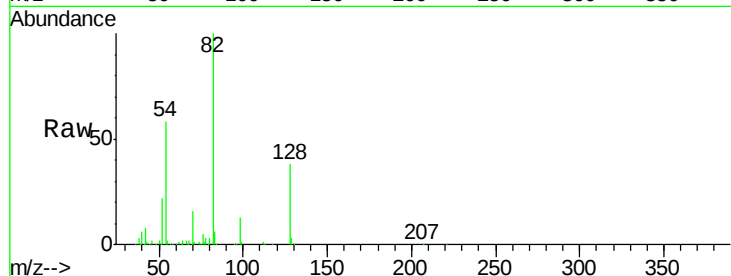




#23
 Nitrobenzene-d5
 Concen: 87.77 ng
 RT: 8.82 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: BG017310.D
 Acq: 27 May 2015 19:47

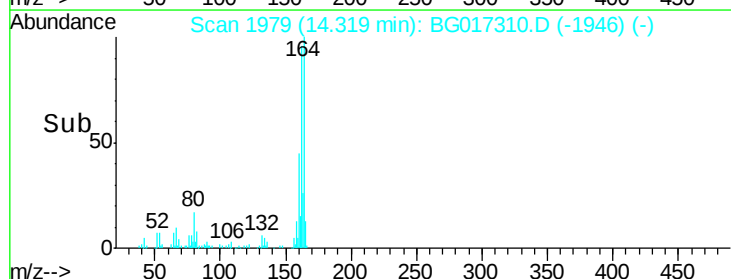
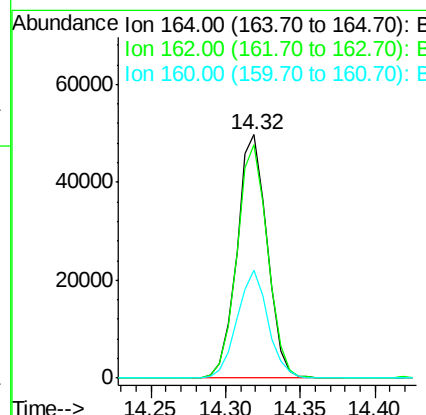
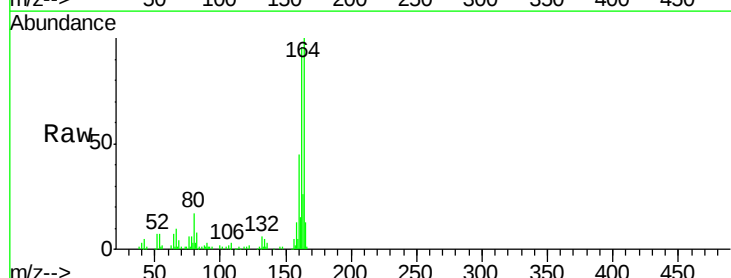
Instrument :
 BNA_G
 ClientSampleId :
 TW-28

Tot Ion	82	Resp	196541
Ion Ratio	Lower	Upper	
82	100		
128	38.0	32.6	49.0
54	58.3	49.6	74.4



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.32 min Scan# 1979
 Delta R.T. -0.00 min
 Lab File: BG017310.D
 Acq: 27 May 2015 19:47

Tgt Ion	164	Resp	70067
Ion Ratio	Lower	Upper	
164	100		
162	95.9	82.1	123.1
160	44.6	34.8	52.2

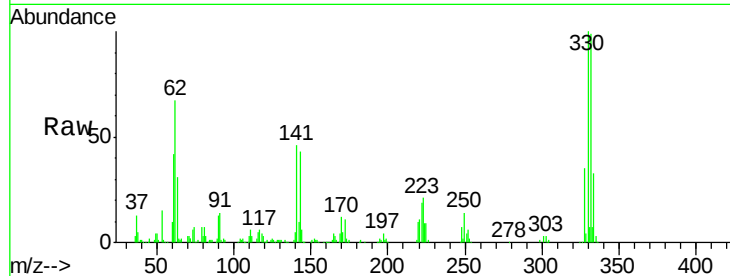




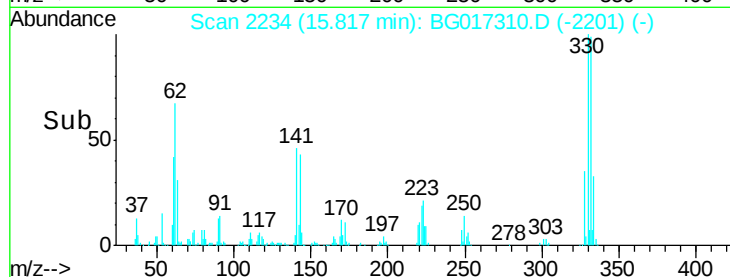
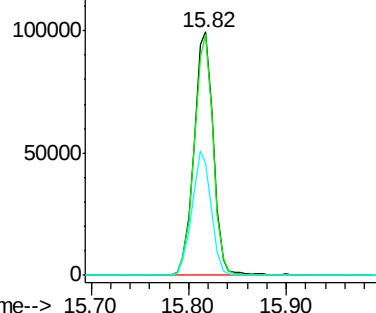
#41
2,4,6-Tribromophenol
Concen: 161.34 ng
RT: 15.82 min Scan# 2234
Delta R.T. -0.00 min
Lab File: BG017310.D
Acq: 27 May 2015 19:47

Instrument :
BNA_G
ClientSampleId :
TW-28

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.9	115.3
141	50.3	42.2	63.2

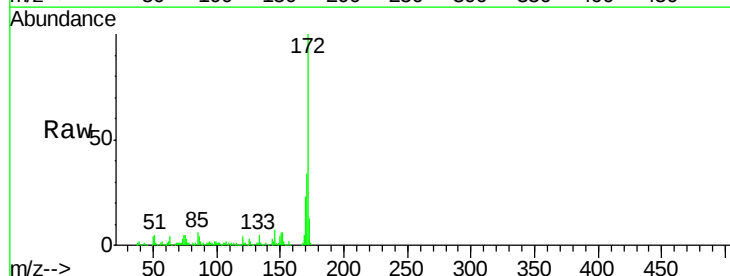


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

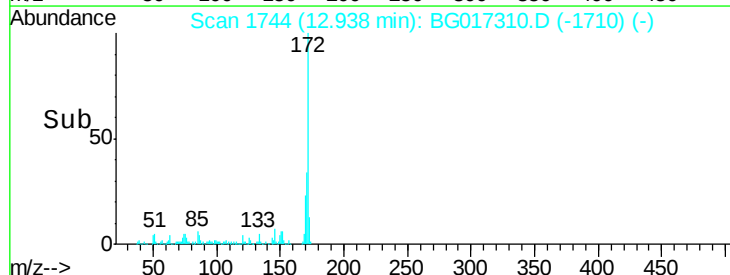
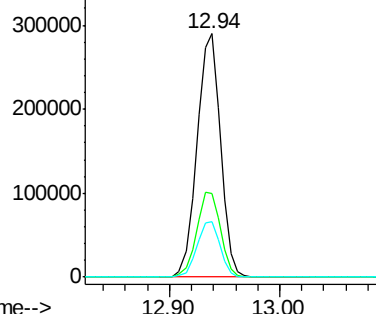


#44
2-Fluorobiphenyl
Concen: 90.38 ng
RT: 12.94 min Scan# 1744
Delta R.T. 0.00 min
Lab File: BG017310.D
Acq: 27 May 2015 19:47

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.2	29.7	44.5
170	22.6	18.4	27.6



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





#49

Dimethylphthalate

Concen: 2.10 ng

RT: 13.78 min Scan# 1887

Delta R.T. -0.01 min

Lab File: BG017310.D

Acq: 27 May 2015 19:47

Instrument :

BNA_G

ClientSampled :

TW-28

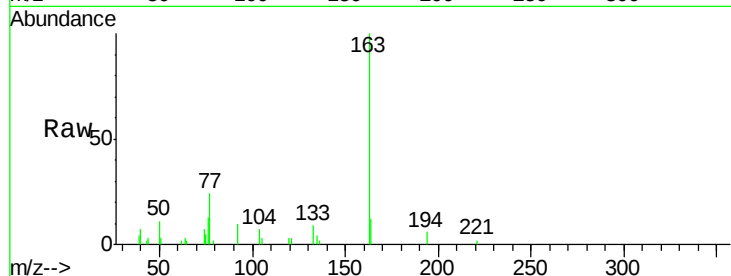
Tot Ion:163 Resp: 11517

Ion Ratio Lower Upper

163 100

194 5.7 5.6 8.4

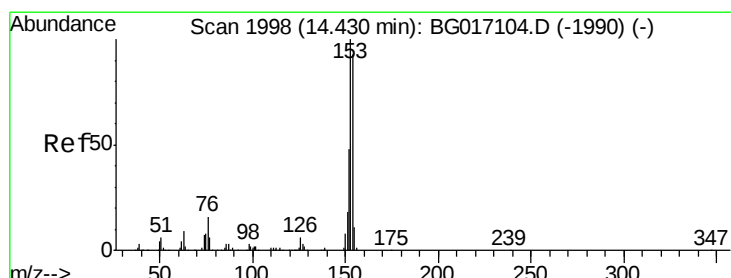
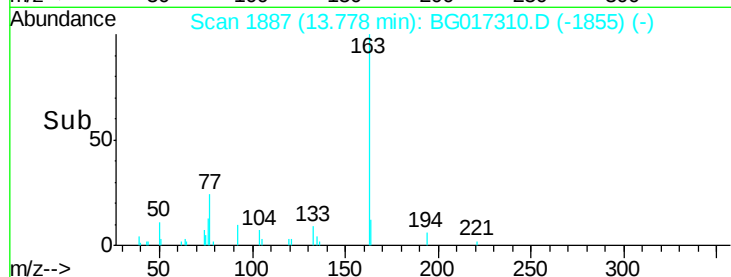
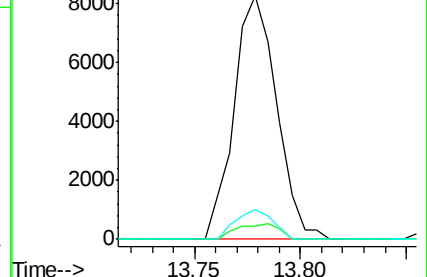
164 12.5 8.6 13.0



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



#51

Acenaphthene

Concen: 2.43 ng

RT: 14.38 min Scan# 1990

Delta R.T. -0.00 min

Lab File: BG017310.D

Acq: 27 May 2015 19:47

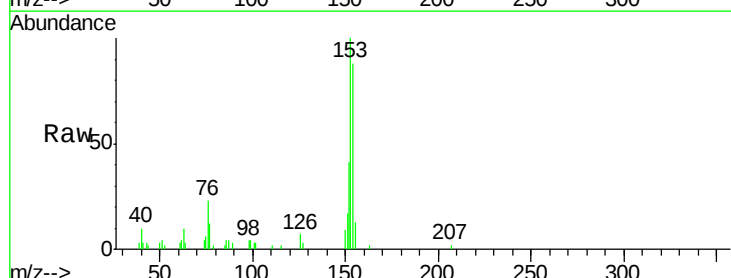
Tgt Ion:154 Resp: 9821

Ion Ratio Lower Upper

154 100

153 113.3 86.2 129.4

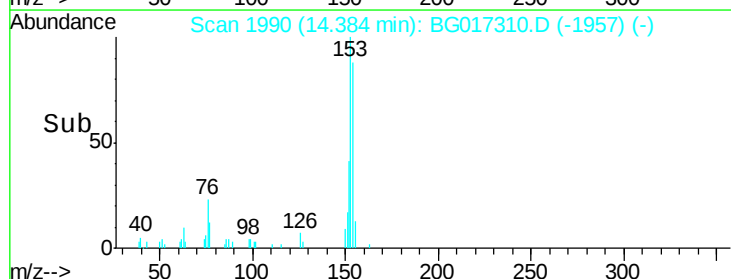
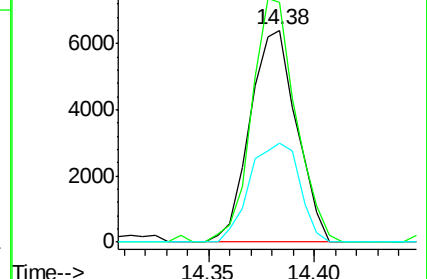
152 46.5 41.5 62.3

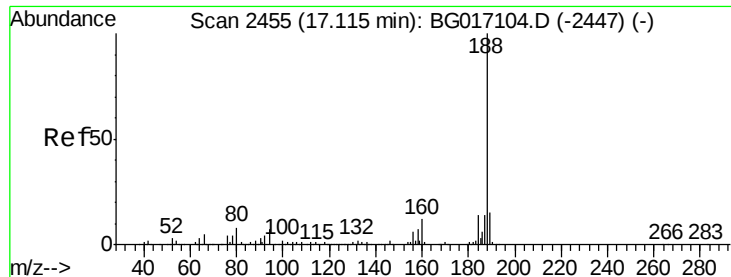


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

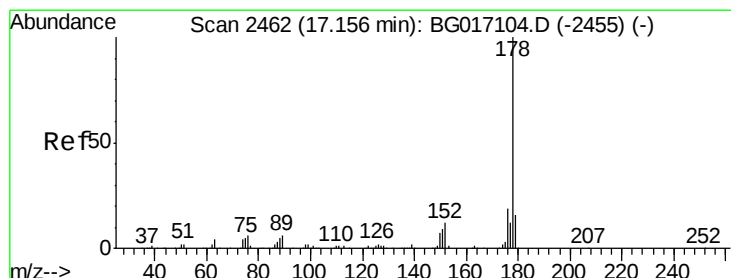
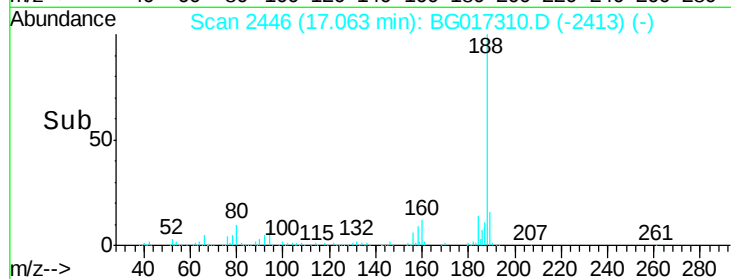
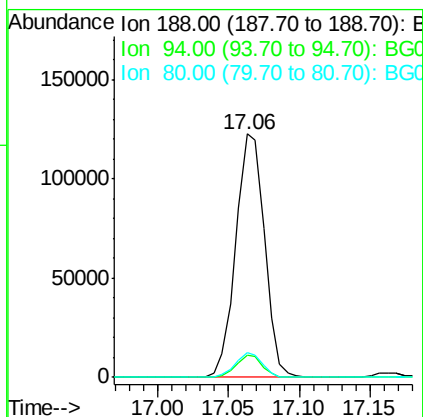
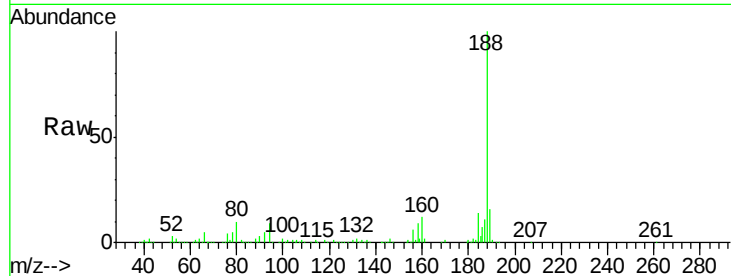




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.06 min Scan# 2446
Delta R.T. -0.00 min
Lab File: BG017310.D
Acq: 27 May 2015 19:47

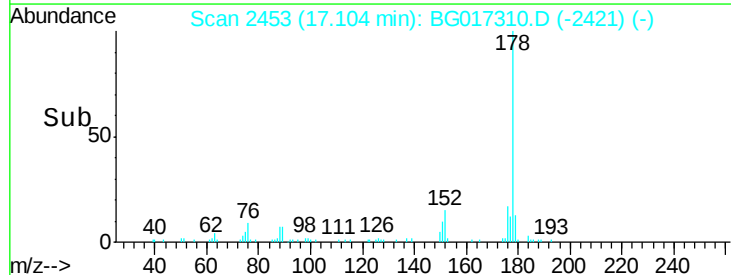
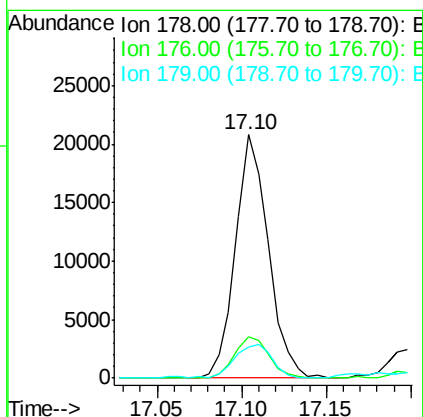
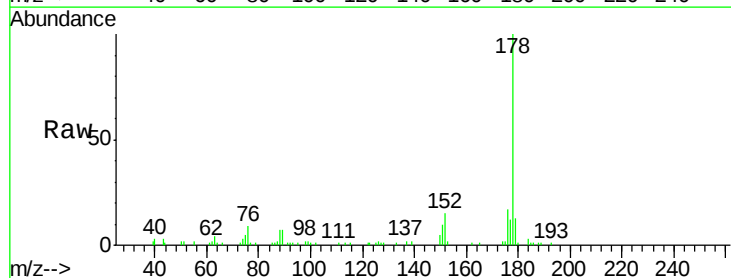
Instrument :
BNA_G
ClientSampleId :
TW-28

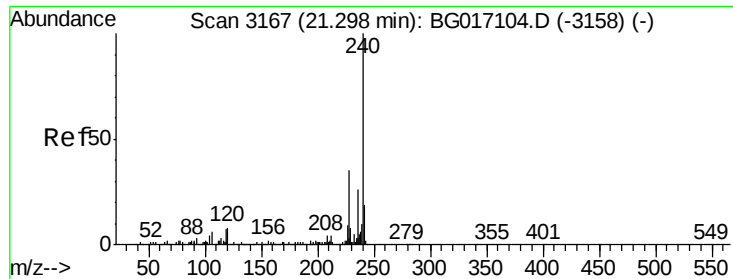
Tot Ion:188 Resp: 174339
Ion Ratio Lower Upper
188 100
94 9.2 5.8 8.6#
80 10.0 6.5 9.7#



#70
Phenanthrene
Concen: 3.14 ng
RT: 17.10 min Scan# 2453
Delta R.T. -0.01 min
Lab File: BG017310.D
Acq: 27 May 2015 19:47

Tgt Ion:178 Resp: 28237
Ion Ratio Lower Upper
178 100
176 17.0 15.4 23.2
179 12.8 12.5 18.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.25 min Scan# 3159

Delta R.T. -0.01 min

Lab File: BG017310.D

Acq: 27 May 2015 19:47

Instrument :

BNA_G

ClientSampleId :

TW-28

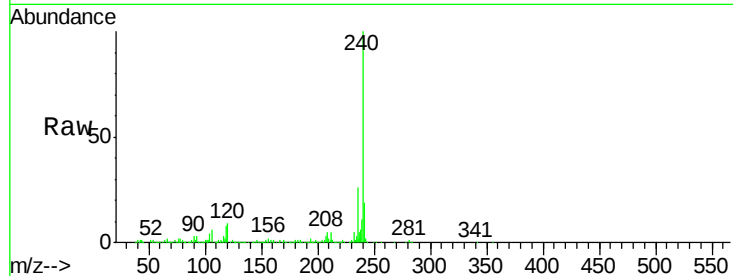
Tot Ion:240 Resp: 190970

Ion Ratio Lower Upper

240 100

120 9.3 6.0 9.0#

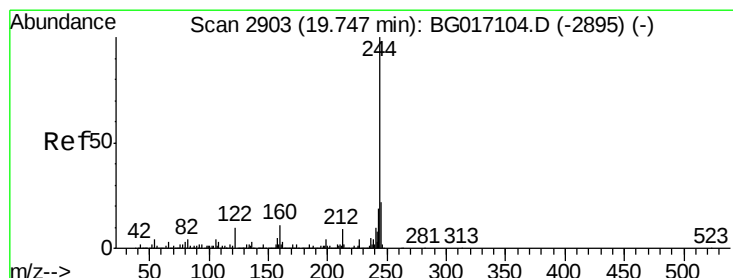
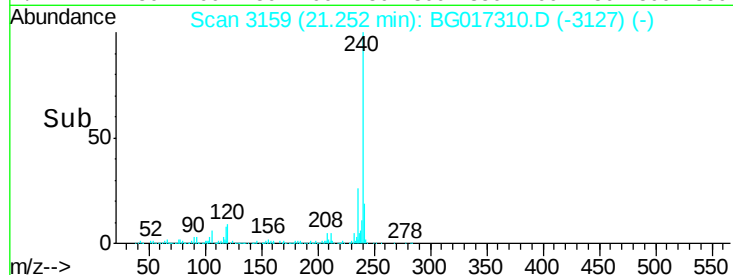
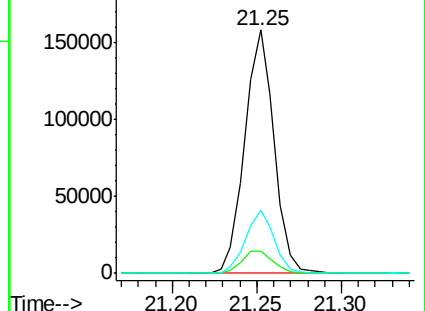
236 25.9 20.5 30.7



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: 84.78 ng

RT: 19.70 min Scan# 2895

Delta R.T. -0.00 min

Lab File: BG017310.D

Acq: 27 May 2015 19:47

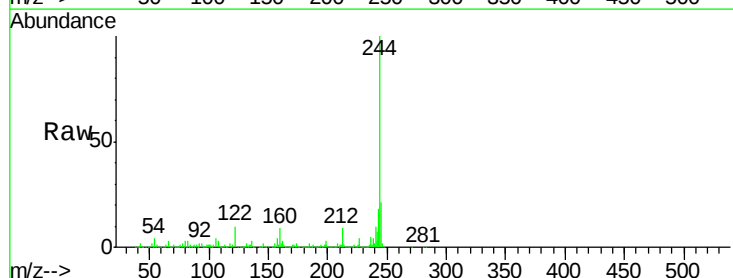
Tgt Ion:244 Resp: 776893

Ion Ratio Lower Upper

244 100

212 8.7 7.0 10.4

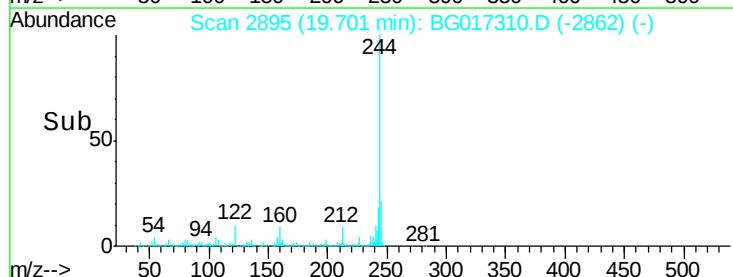
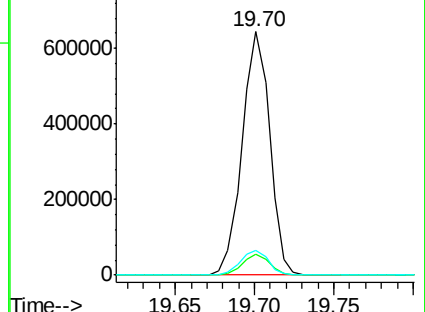
122 10.0 8.4 12.6

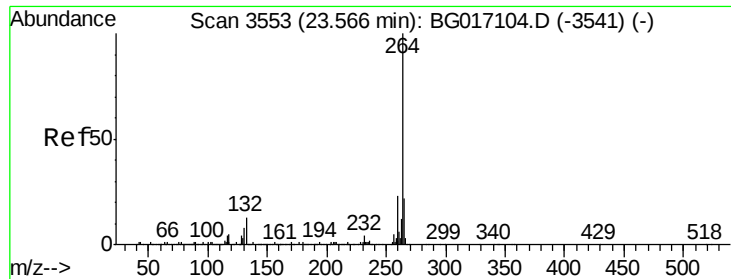


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

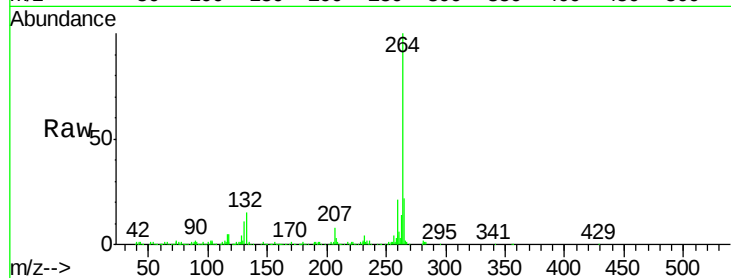




#86
Pervlene-d12
Concen: 20.00 ng
RT: 23.50 min Scan# 3541
Delta R.T. -0.02 min
Lab File: BG017310.D
Acq: 27 May 2015 19:47

Instrument :
BNA_G
ClientSampleId :
TW-28

Tot Ion	Ratio	Lower	Upper
264	100		
260	21.4	18.0	27.0
265	22.1	17.4	26.0



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

