

Data Path : Z:\HPCHEM1\BNA G\DATA\BG112917\
 Data File : BG031277.D
 Acq On : 29 Nov 2017 19:07
 Operator : SJ/JU
 Sample : I6304-23
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 30 03:08:37 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

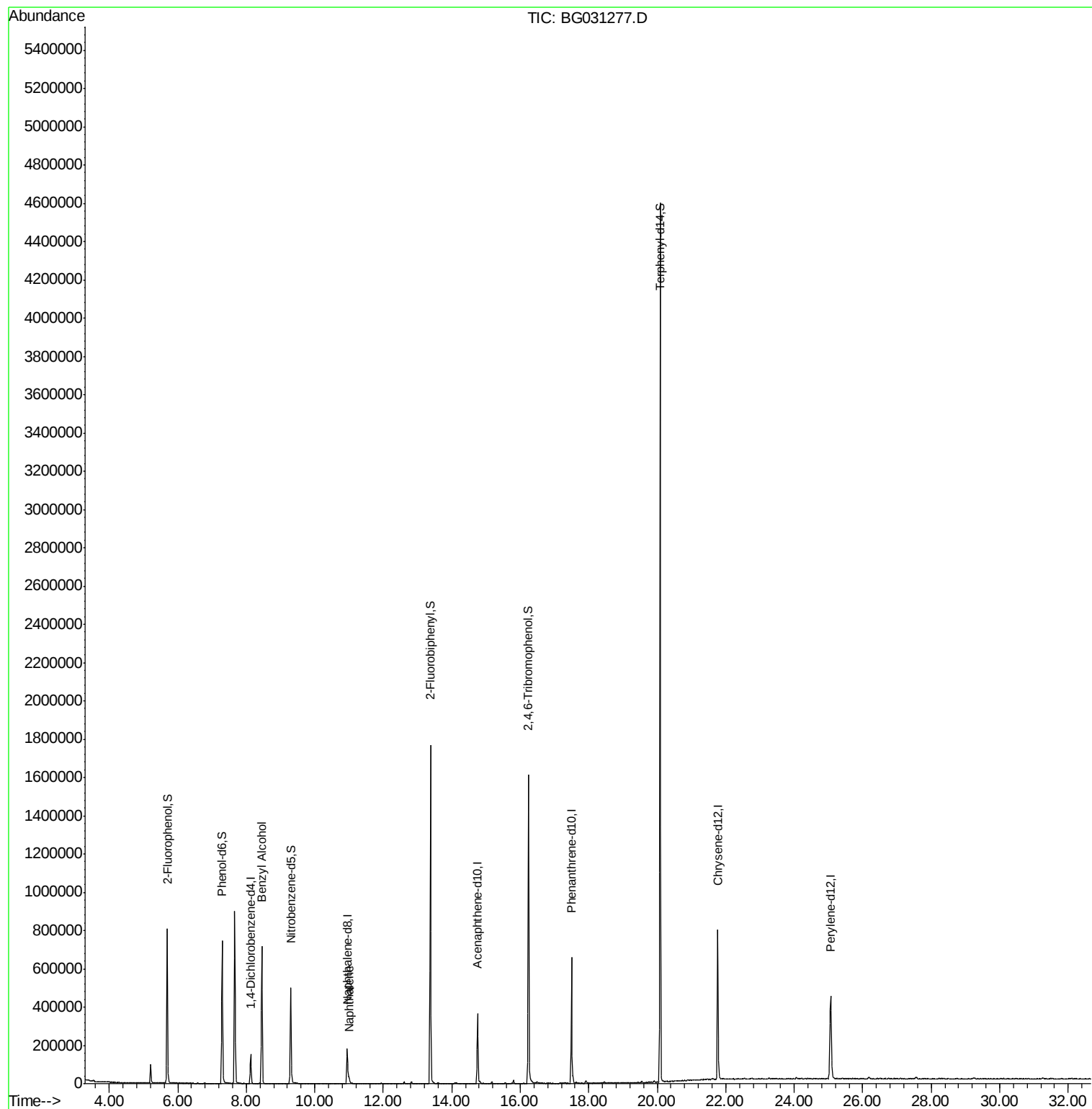
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	46756	20.00	ng	-0.02
21) Naphthalene-d8	10.95	136	203659	20.00	ng	-0.02
38) Acenaphthene-d10	14.75	164	143266	20.00	ng	-0.02
63) Phenanthrene-d10	17.49	188	434755	20.00	ng	-0.02
75) Chrysene-d12	21.77	240	521447	20.00	ng	-0.02
86) Perylene-d12	25.06	264	509979	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	411907	151.07	ng	-0.02
7) Phenol-d6	7.30	99	490173	133.44	ng	-0.01
23) Nitrobenzene-d5	9.30	82	349210	101.61	ng	-0.02
41) 2,4,6-Tribromophenol	16.24	330	350082	151.06	ng	-0.02
44) 2-Fluorobiphenyl	13.38	172	1040608	104.37	ng	-0.02
78) Terphenyl-d14	20.09	244	2280605	96.57	ng	-0.01
Target Compounds						
15) Benzyl Alcohol	8.45	79	5901	2.00	ng	# 49
31) Naphthalene	11.00	128	31180	3.11	ng	# 94

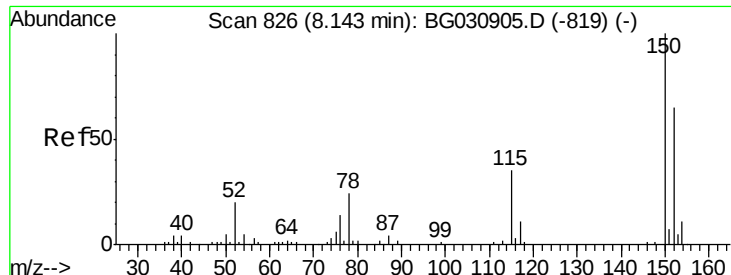
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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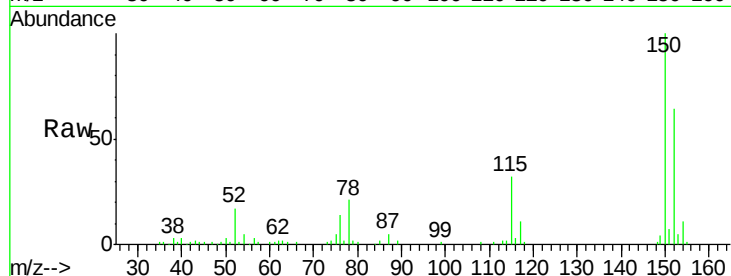


#1

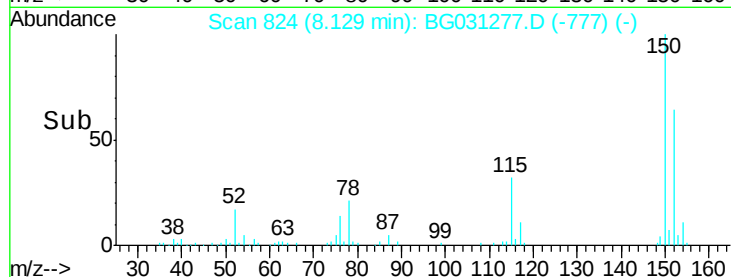
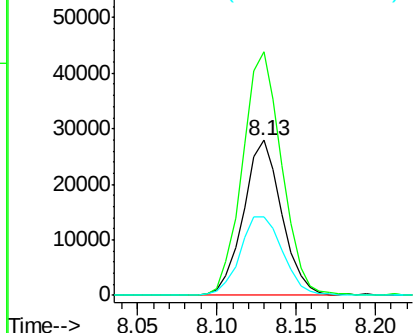
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.13 min Scan# 824
Delta R.T. -0.02 min
Lab File: BG031277.D
Acq: 29 Nov 2017 19:07

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.3	126.6	189.8
115	50.7	53.0	79.4



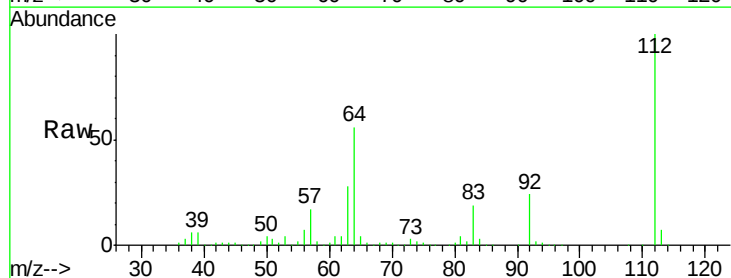
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



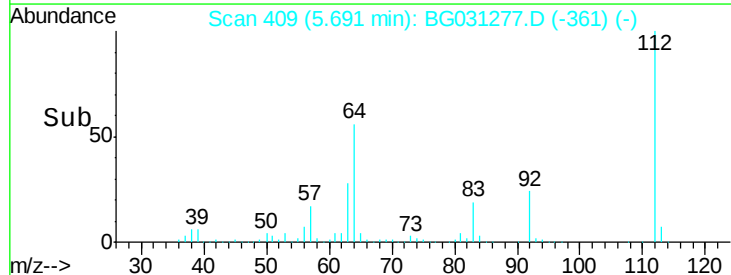
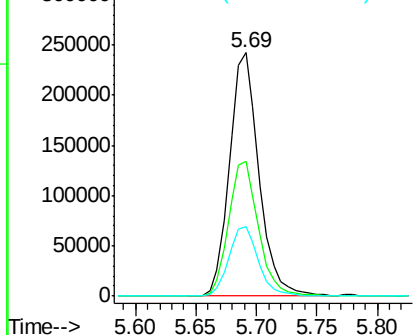
#5

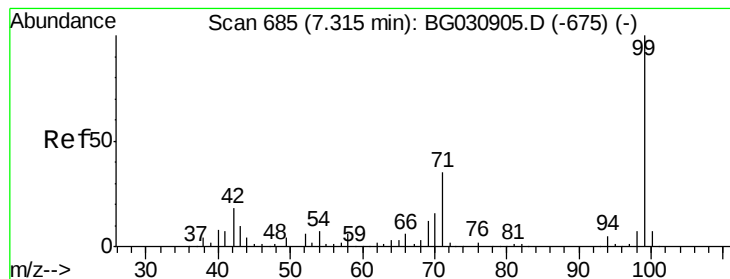
2-Fluorophenol
Concen: 151.07 ng
RT: 5.69 min Scan# 409
Delta R.T. -0.02 min
Lab File: BG031277.D
Acq: 29 Nov 2017 19:07

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.6	56.3	84.5
63	28.5	30.1	45.1



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: 133.44 ng

RT: 7.30 min Scan# 682

Delta R.T. -0.01 min

Lab File: BG031277.D

Acq: 29 Nov 2017 19:07

Instrument :

BNA_G

ClientSampleId :

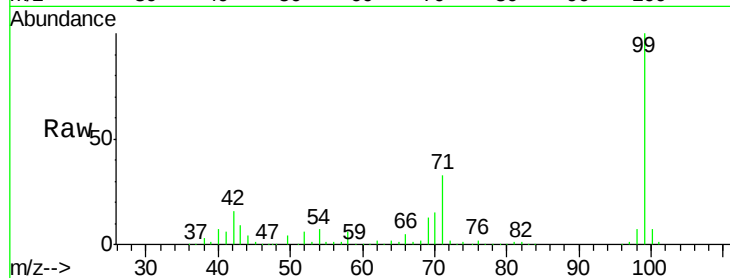
Tot Ion: 99 Resp: 490173

Ion Ratio Lower Upper

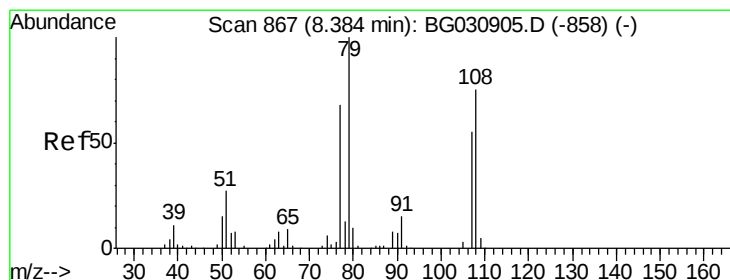
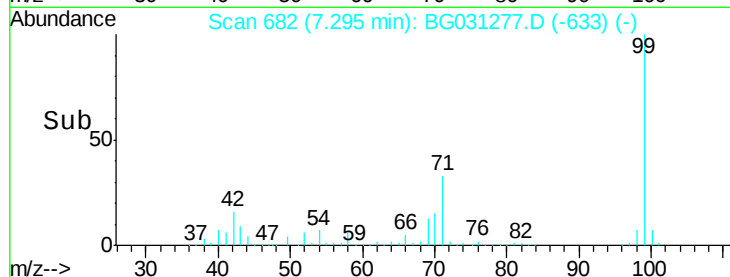
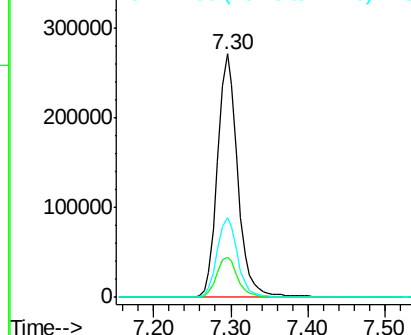
99 100

42 16.4 14.1 21.1

71 32.8 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



#15

Benzyl Alcohol

Concen: 2.00 ng

RT: 8.45 min Scan# 879

Delta R.T. 0.06 min

Lab File: BG031277.D

Acq: 29 Nov 2017 19:07

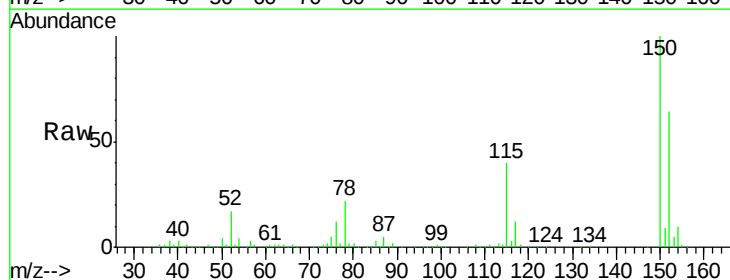
Tgt Ion: 79 Resp: 5901

Ion Ratio Lower Upper

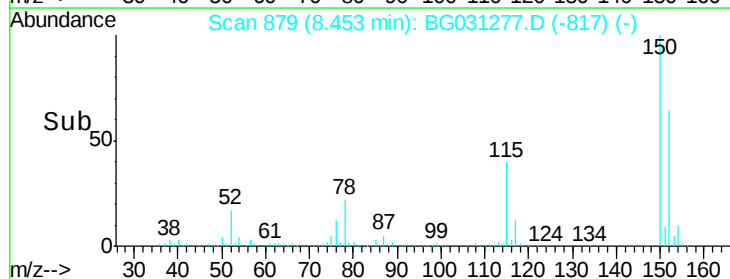
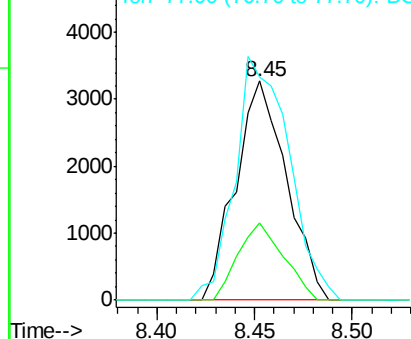
79 100

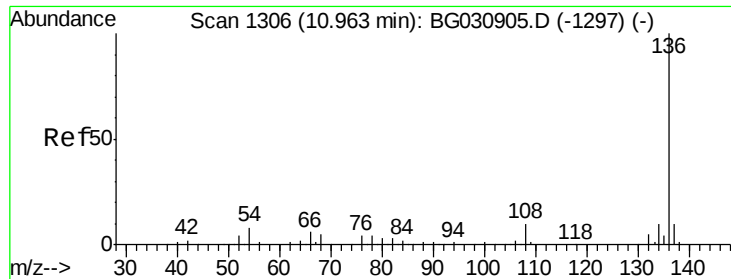
108 35.3 57.2 85.8#

77 102.3 46.1 69.1#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC

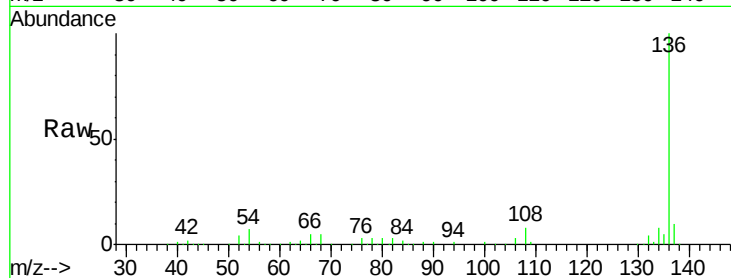




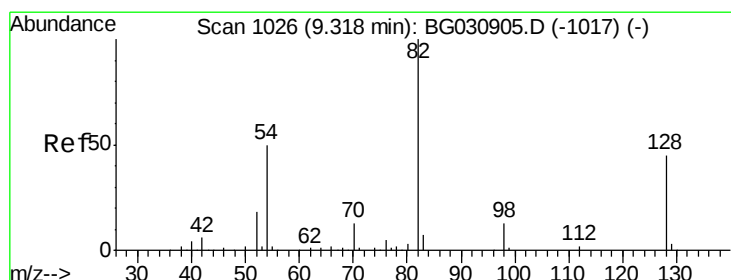
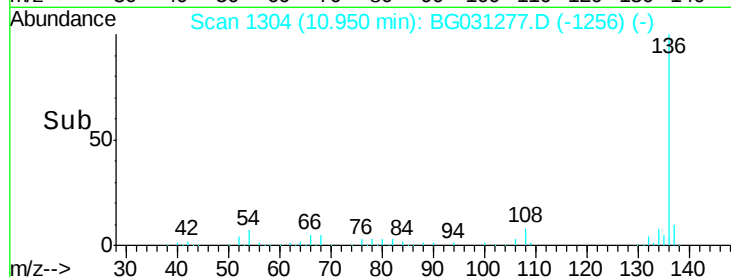
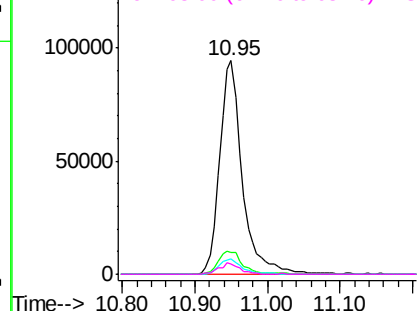
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.95 min Scan# 1304
Delta R.T. -0.02 min
Lab File: BG031277.D
Acq: 29 Nov 2017 19:07

Instrument :
BNA_G
ClientSampled :

Tot Ion:	136	Resp:	203659
Ion	Ratio	Lower	Upper
136	100		
137	10.3	9.2	13.8
54	7.1	10.3	15.5
68	4.7	4.5	6.7

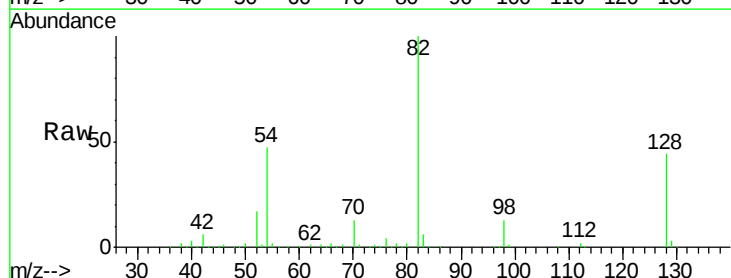


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

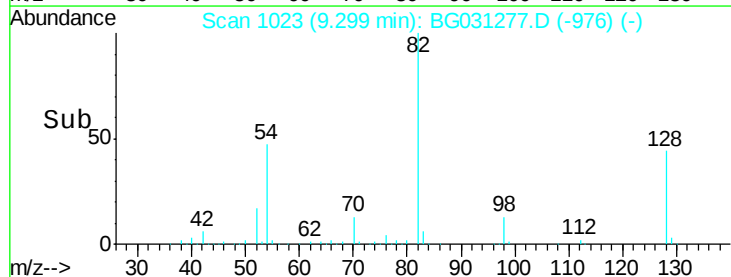
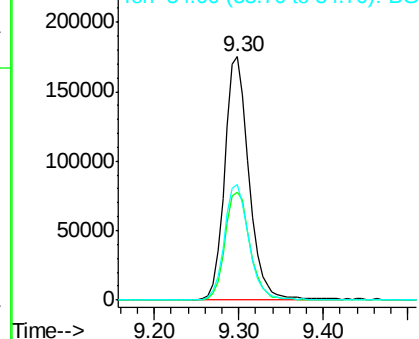


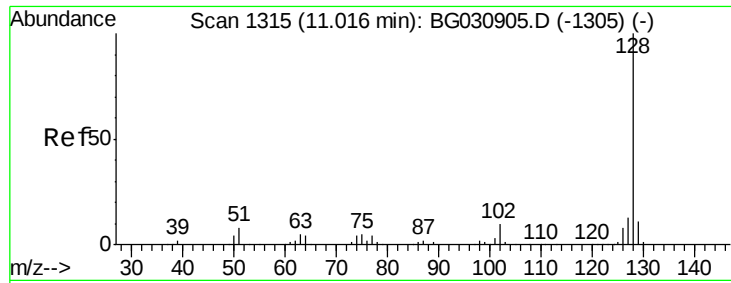
#23
Nitrobenzene-d5
Concen: 101.61 ng
RT: 9.30 min Scan# 1023
Delta R.T. -0.02 min
Lab File: BG031277.D
Acq: 29 Nov 2017 19:07

Tgt Ion:	82	Resp:	349210
Ion	Ratio	Lower	Upper
82	100		
128	44.1	29.7	44.5
54	47.5	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

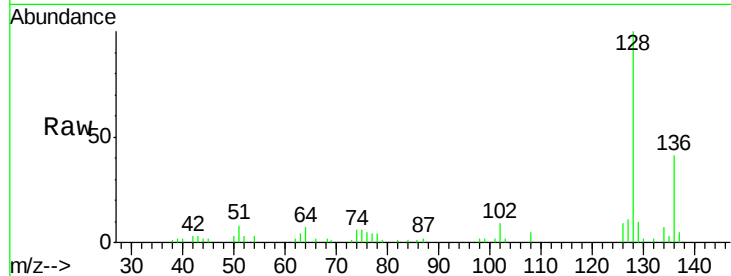




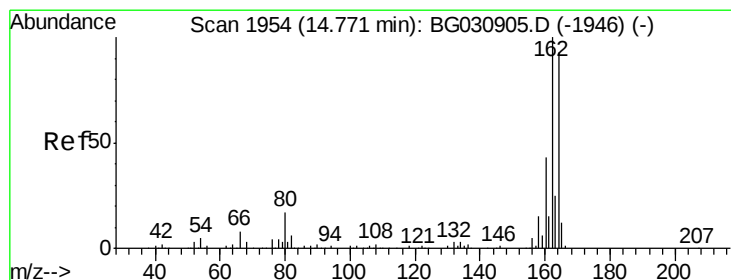
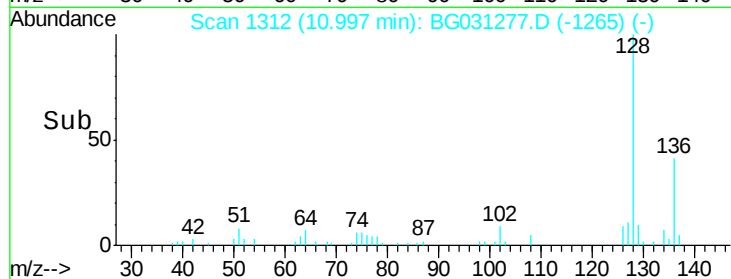
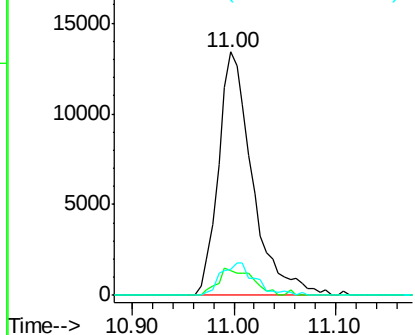
#31
Naphthalene
Concen: 3.11 ng
RT: 11.00 min Scan# 1312
Delta R.T. -0.02 min
Lab File: BG031277.D
Acq: 29 Nov 2017 19:07

Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 31180
Ion Ratio Lower Upper
128 100
129 10.3 8.6 12.8
127 10.6 11.6 17.4#

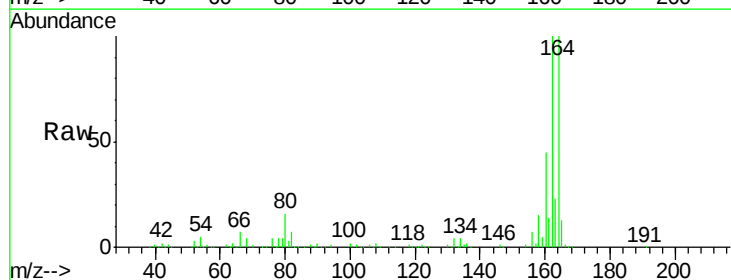


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

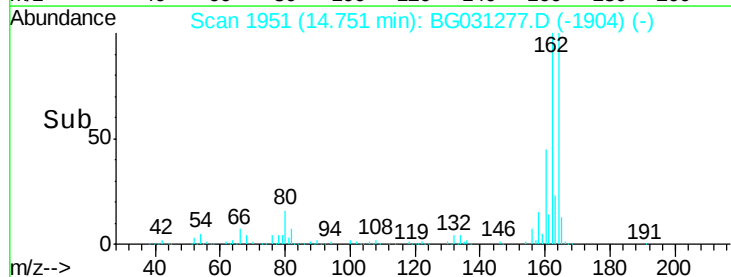
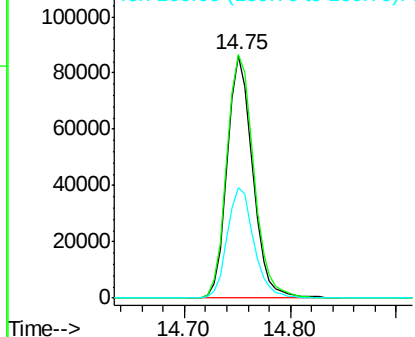


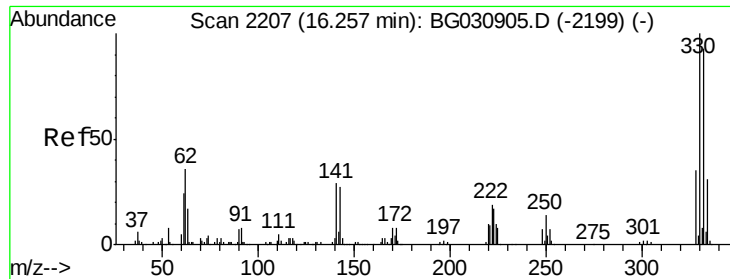
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.75 min Scan# 1951
Delta R.T. -0.02 min
Lab File: BG031277.D
Acq: 29 Nov 2017 19:07

Tgt Ion:164 Resp: 143266
Ion Ratio Lower Upper
164 100
162 100.5 78.8 118.2
160 45.4 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

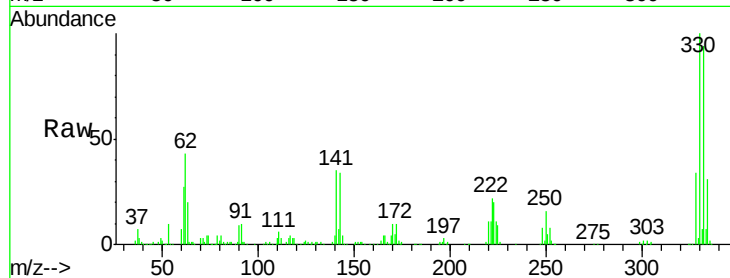




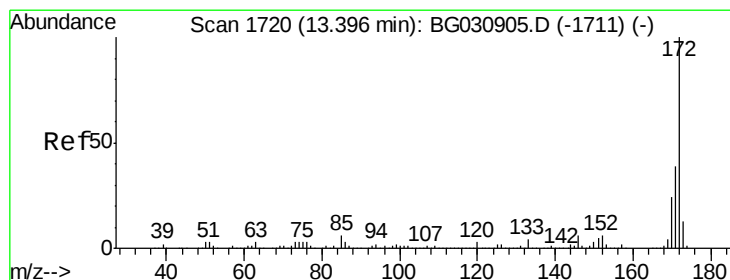
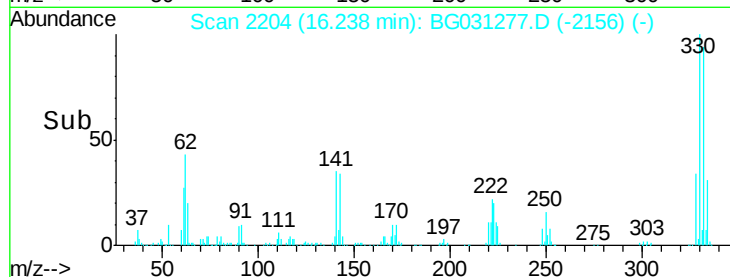
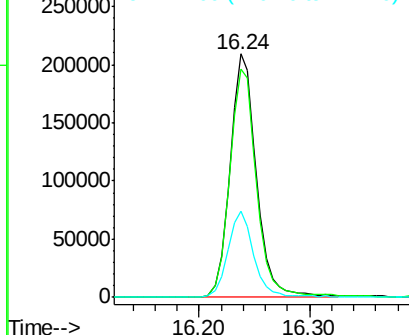
#41
 2,4,6-Tribromophenol
 Concen: 151.06 ng
 RT: 16.24 min Scan# 2204
 Delta R.T. -0.02 min
 Lab File: BG031277.D
 Acq: 29 Nov 2017 19:07

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.0	115.6
141	35.3	25.2	37.8

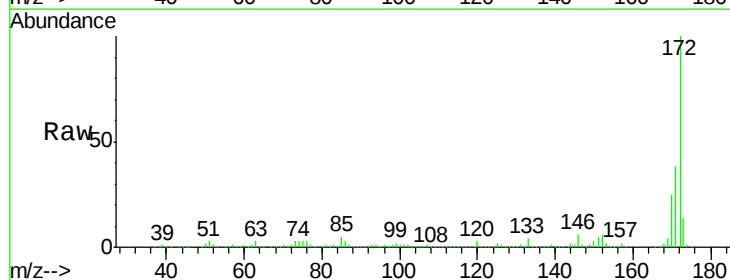


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

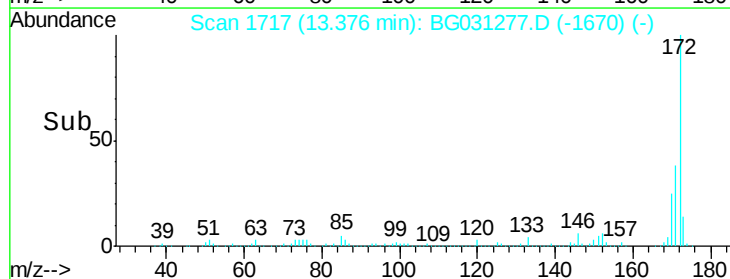
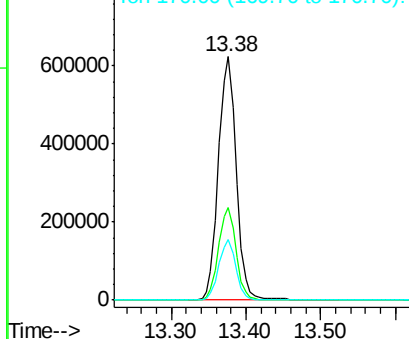


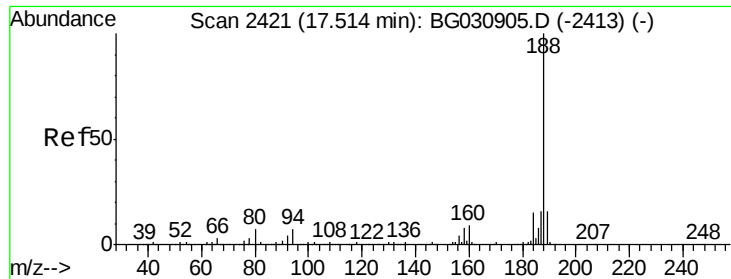
#44
 2-Fluorobiphenyl
 Concen: 104.37 ng
 RT: 13.38 min Scan# 1717
 Delta R.T. -0.02 min
 Lab File: BG031277.D
 Acq: 29 Nov 2017 19:07

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.9	30.0	45.0
170	25.1	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

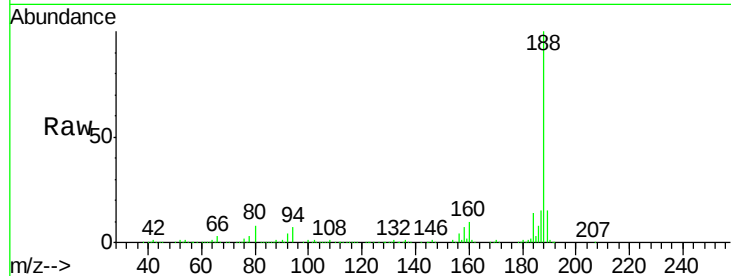




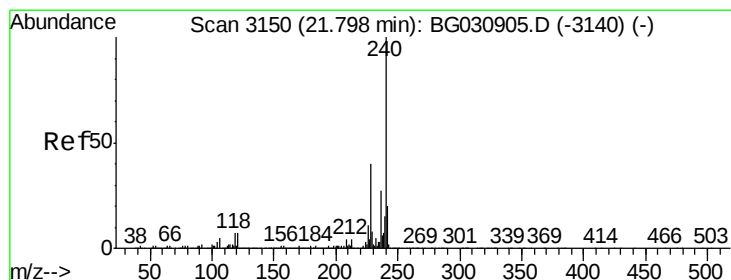
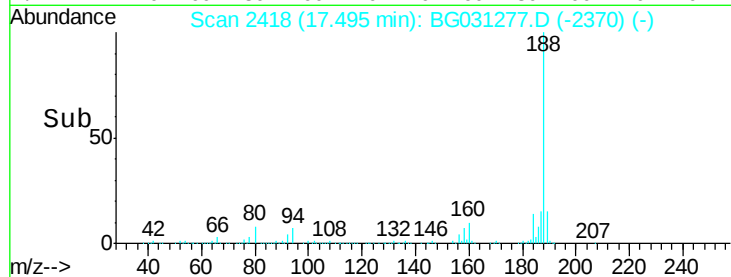
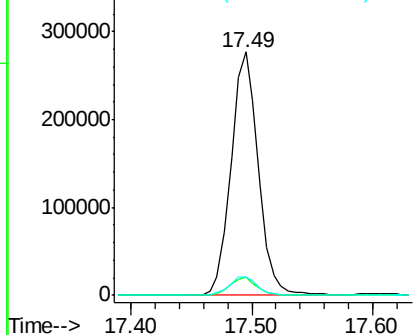
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.49 min Scan# 2418
Delta R.T. -0.02 min
Lab File: BG031277.D
Acq: 29 Nov 2017 19:07

Instrument :
BNA_G
ClientSampleId :

Tot Ion:188 Resp: 434755
Ion Ratio Lower Upper
188 100
94 7.5 6.9 10.3
80 7.6 7.7 11.5#

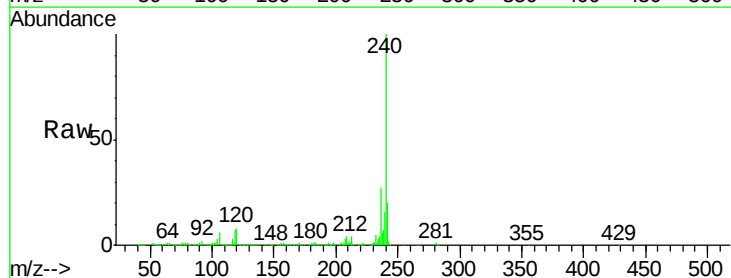


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

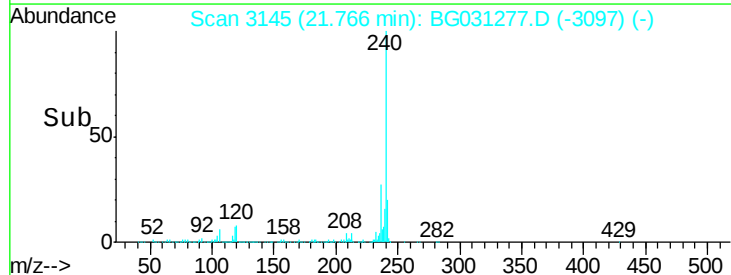
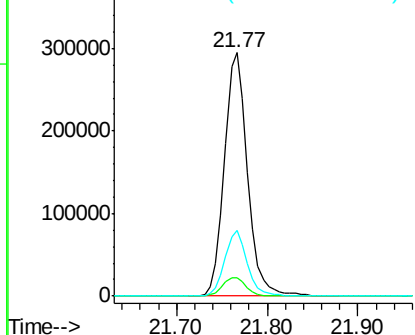


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.77 min Scan# 3145
Delta R.T. -0.02 min
Lab File: BG031277.D
Acq: 29 Nov 2017 19:07

Tgt Ion:240 Resp: 521447
Ion Ratio Lower Upper
240 100
120 7.7 6.8 10.2
236 27.1 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: 96.57 ng

RT: 20.09 min Scan# 2859

Delta R.T. -0.01 min

Lab File: BG031277.D

Acq: 29 Nov 2017 19:07

Instrument :

BNA_G

ClientSampleId :

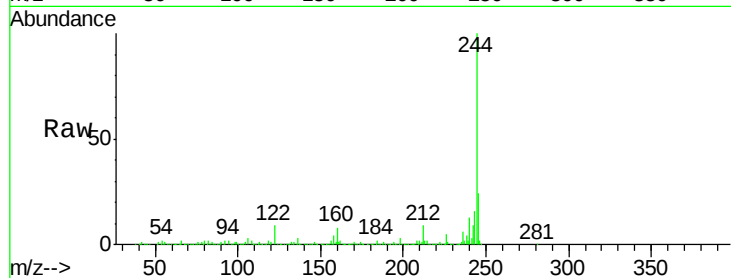
Tot Ion:244 Resp: 2280605

Ion Ratio Lower Upper

244 100

212 8.9 5.8 8.8#

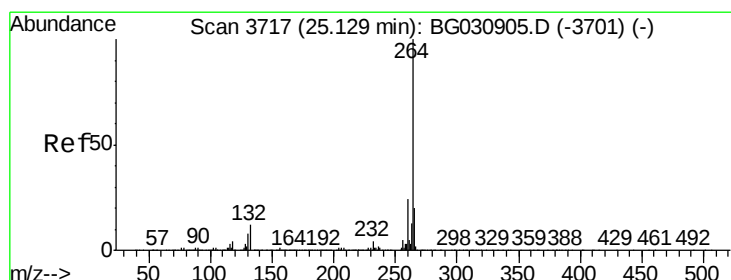
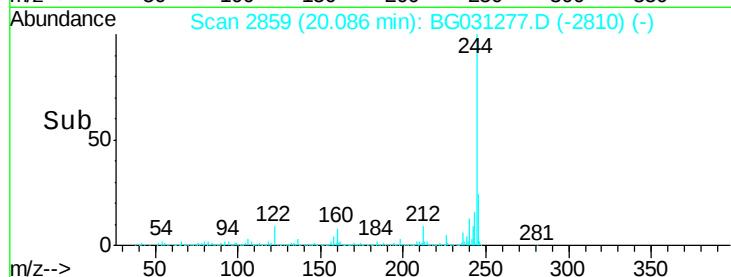
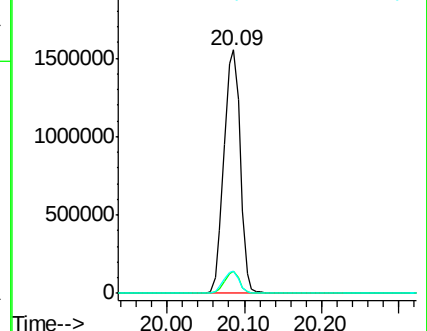
122 9.1 7.0 10.4



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: 20.00 ng

RT: 25.06 min Scan# 3706

Delta R.T. -0.03 min

Lab File: BG031277.D

Acq: 29 Nov 2017 19:07

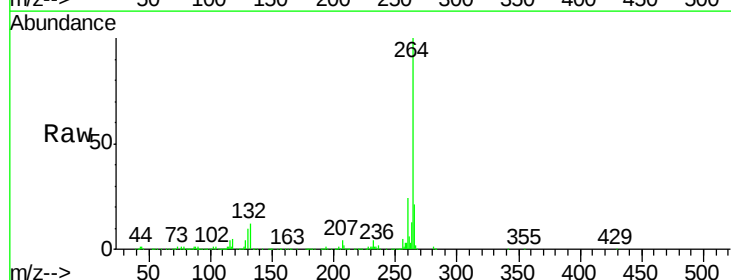
Tgt Ion:264 Resp: 509979

Ion Ratio Lower Upper

264 100

260 23.5 17.4 26.0

265 21.4 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

