

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040417\
 Data File : BF094178.D
 Acq On : 4 Apr 2017 20:21
 Operator : SJ/MA
 Sample : I2516-06
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-1

Quant Time: Apr 05 01:52:06 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 31 14:38:29 2017
 Response via : Initial Calibration

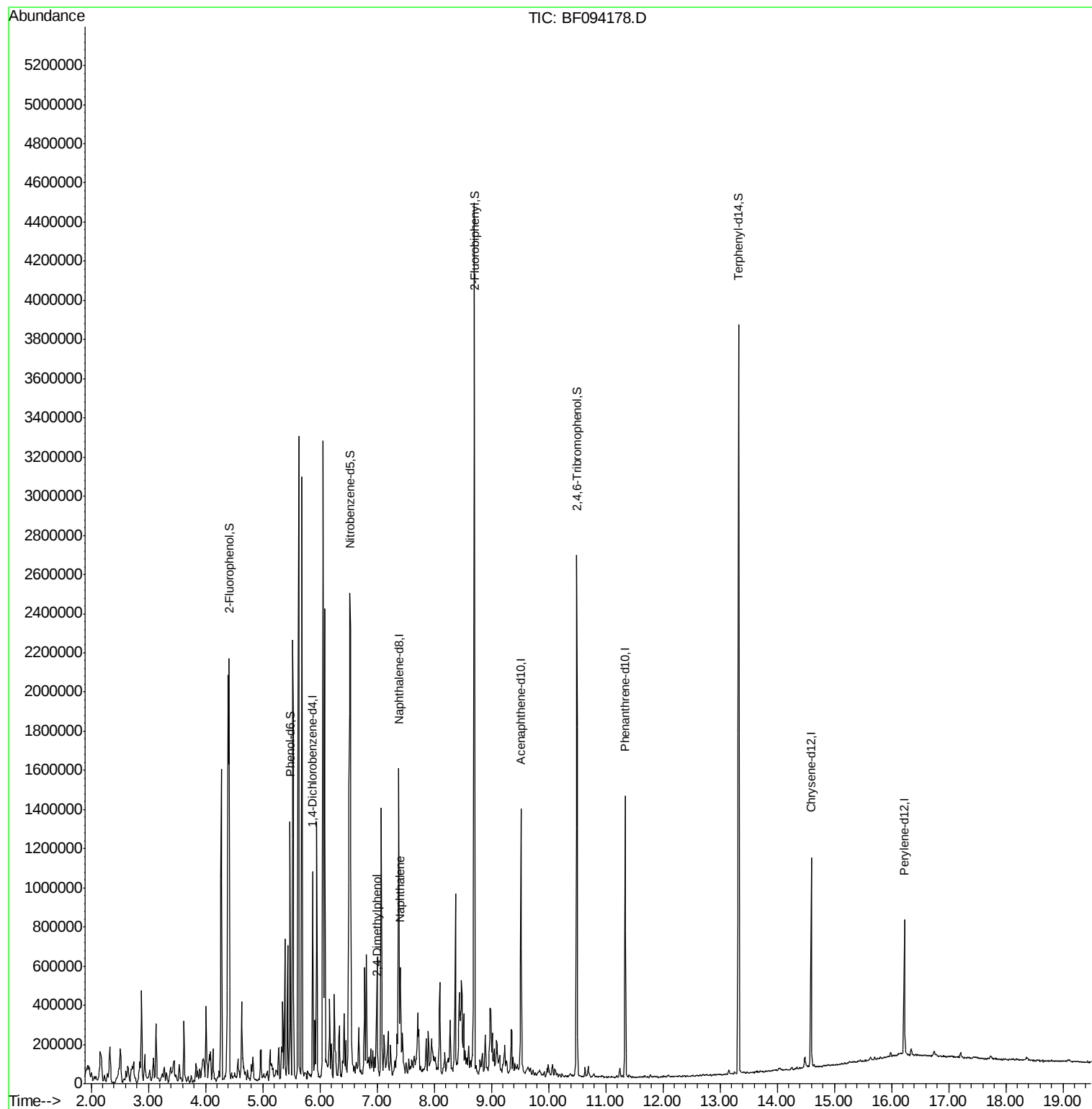
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.87	152	168514	20.00	ng	-0.03
21) Naphthalene-d8	7.38	136	672103	20.00	ng	-0.03
38) Acenaphthene-d10	9.52	164	313097	20.00	ng	-0.03
63) Phenanthrene-d10	11.34	188	557460	20.00	ng	-0.03
75) Chrysene-d12	14.60	240	436947	20.00	ng	-0.03
86) Perylene-d12	16.23	264	281486	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	4.42	112	622157	62.36	ng	-0.02
7) Phenol-d6	5.48	99	497067	40.27	ng	-0.03
23) Nitrobenzene-d5	6.53	82	1018846	86.51	ng	-0.03
41) 2,4,6-Tribromophenol	10.50	330	384773	155.52	ng	-0.02
44) 2-Fluorobiphenyl	8.70	172	1839729	89.62	ng	-0.03
78) Terphenyl-d14	13.33	244	1588365	81.48	ng	-0.02
Target Compounds						Qvalue
27) 2,4-Dimethylphenol	7.01	122	22201	2.33	ng	95
31) Naphthalene	7.40	128	237671	7.35	ng	99

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

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040417\
Data File : BF094178.D
Acq On : 4 Apr 2017 20:21
Operator : SJ/MA
Sample : I2516-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-1

Quant Time: Apr 05 01:52:06 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 31 14:38:29 2017
Response via : Initial Calibration



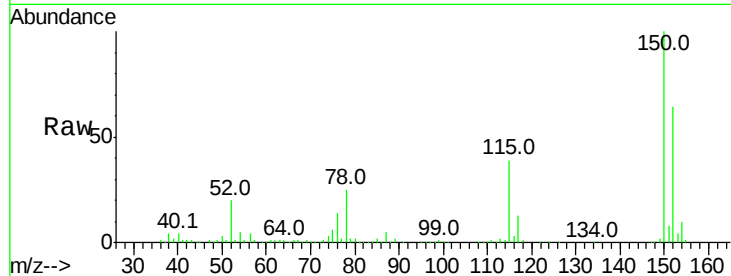


#1

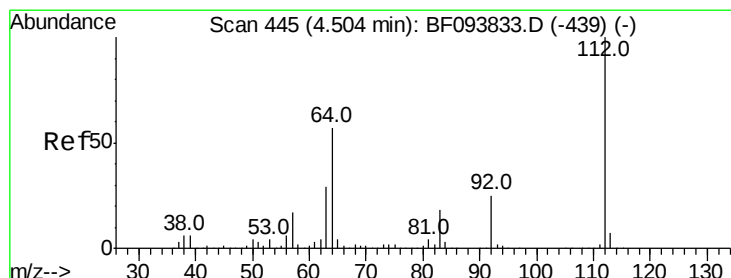
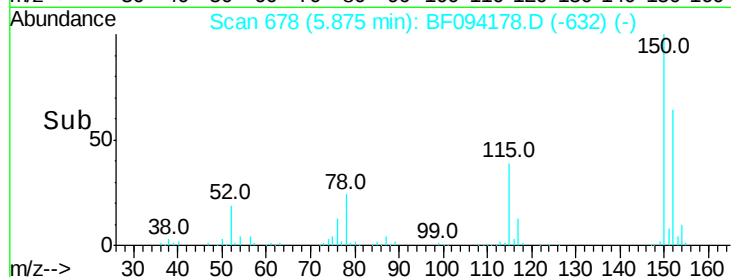
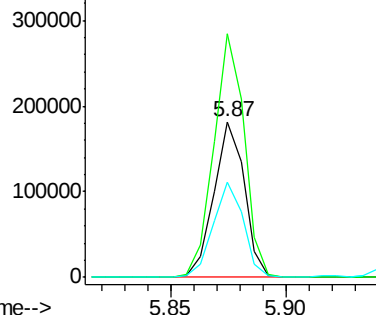
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 5.87 min Scan# 678
 Delta R.T. -0.03 min
 Lab File: BF094178.D
 Acq: 4 Apr 2017 20:21

Instrument :
 BNA_F
 ClientSampleId :
 MW-1

Tot Ion:152 Resp: 168514
 Ion Ratio Lower Upper
 152 100
 150 156.7 126.2 189.2
 115 61.2 52.2 78.2



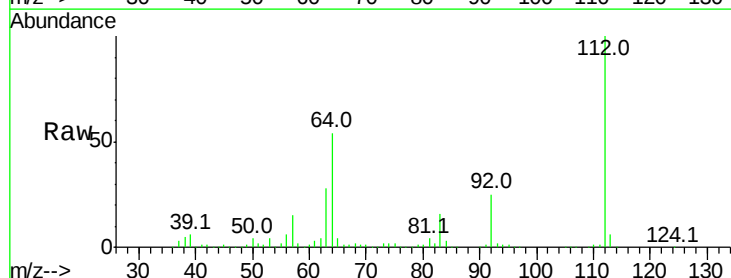
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



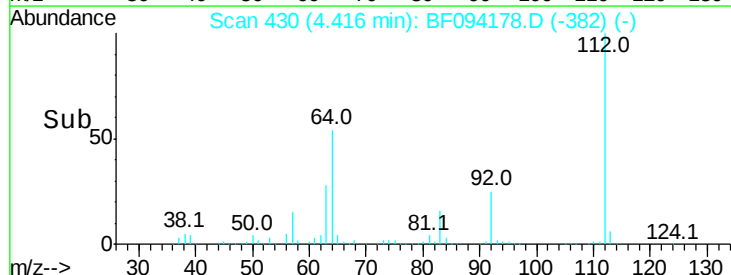
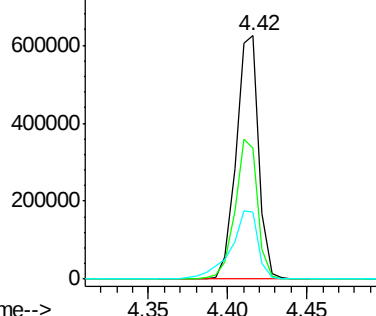
#5

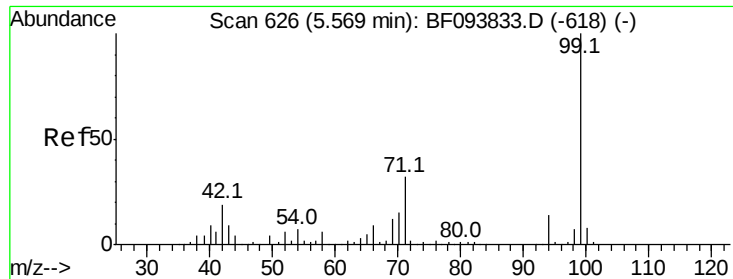
2-Fluorophenol
 Concen: 62.36 ng
 RT: 4.42 min Scan# 430
 Delta R.T. -0.02 min
 Lab File: BF094178.D
 Acq: 4 Apr 2017 20:21

Tgt Ion:112 Resp: 622157
 Ion Ratio Lower Upper
 112 100
 64 53.8 46.0 69.0
 63 27.6 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF0
 Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 40.27 ng

RT: 5.48 min Scan# 611

Delta R.T. -0.03 min

Lab File: BF094178.D

Acq: 4 Apr 2017 20:21

Instrument :

BNA_F

ClientSampleId :

MW-1

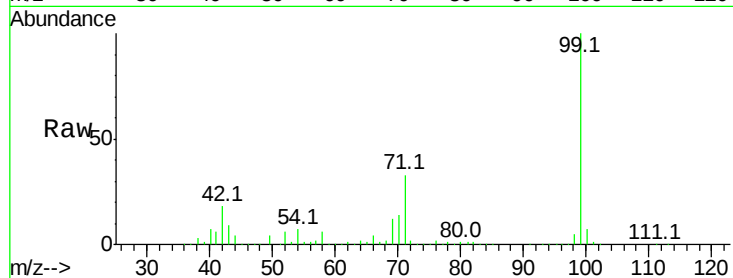
Tot Ion: 99 Resp: 497067

Ion Ratio Lower Upper

99 100

42 18.0 13.5 20.3

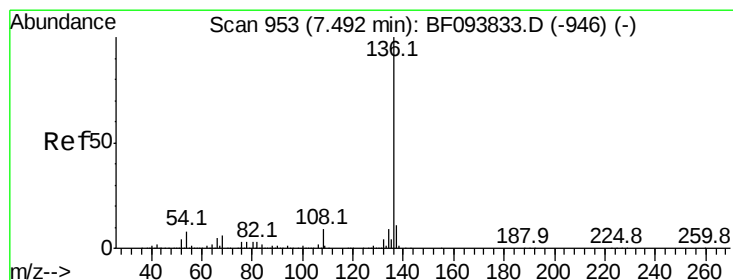
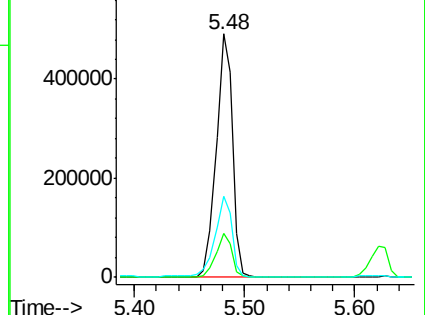
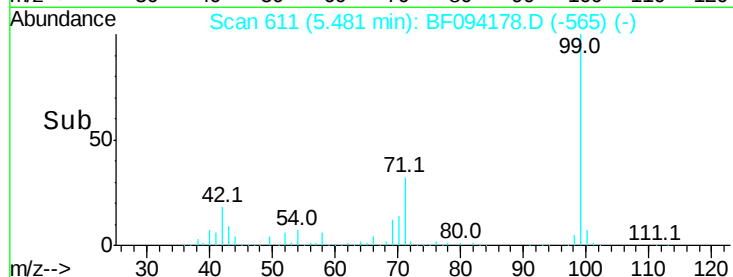
71 33.2 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.38 min Scan# 934

Delta R.T. -0.03 min

Lab File: BF094178.D

Acq: 4 Apr 2017 20:21

Tgt Ion: 136 Resp: 672103

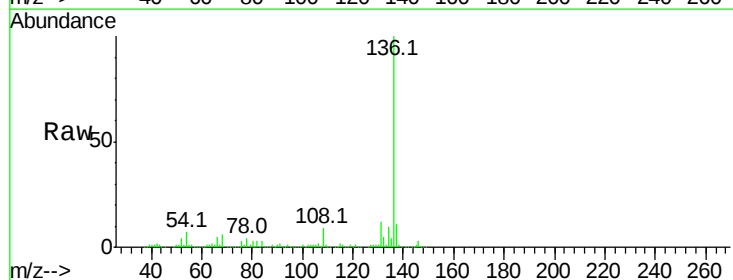
Ion Ratio Lower Upper

136 100

137 10.9 8.5 12.7

54 7.1 4.9 7.3

68 5.8 4.1 6.1

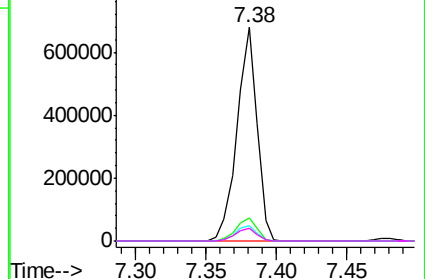
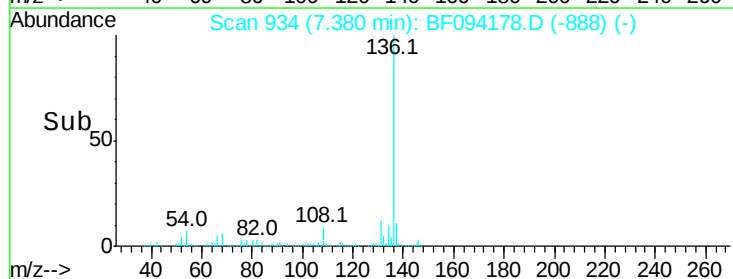


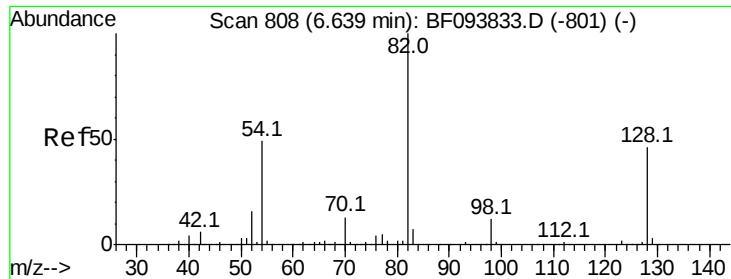
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

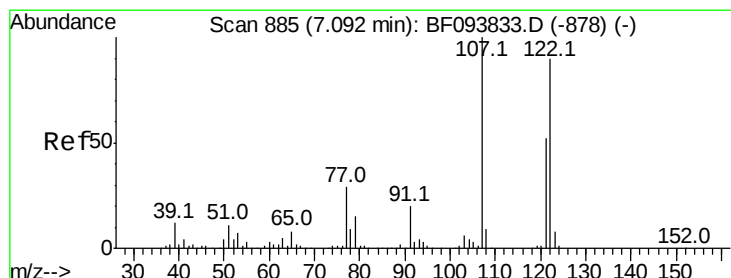
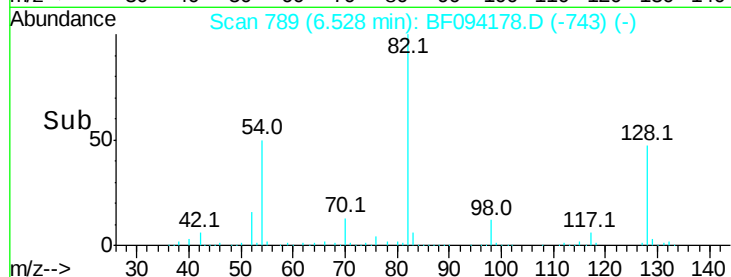
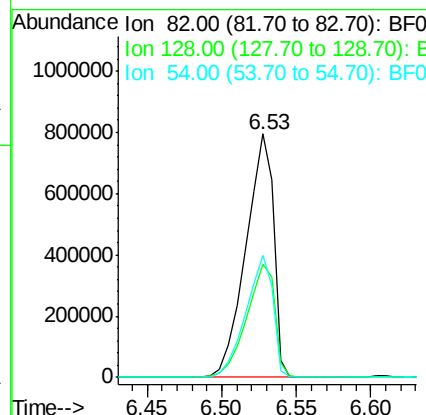
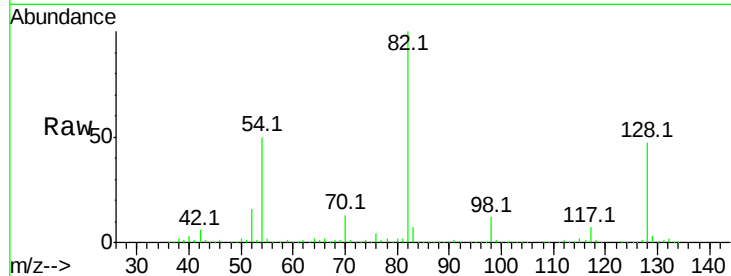




#23
Nitrobenzene-d5
Concen: 86.51 ng
RT: 6.53 min Scan# 789
Delta R.T. -0.03 min
Lab File: BF094178.D
Acq: 4 Apr 2017 20:21

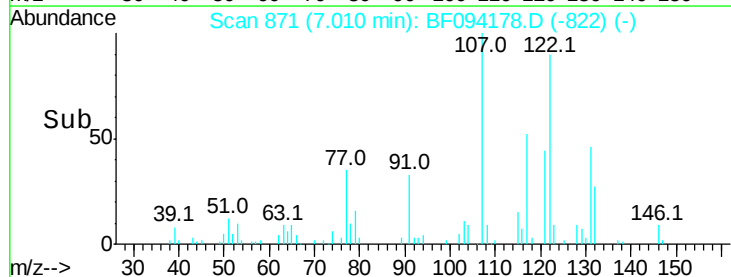
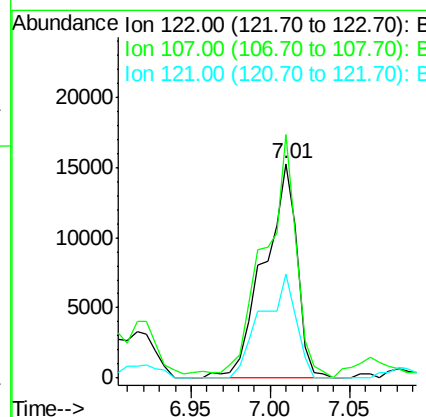
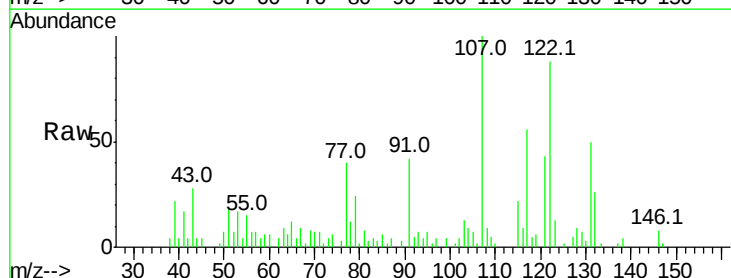
Instrument :
BNA_F
ClientSampleId :
MW-1

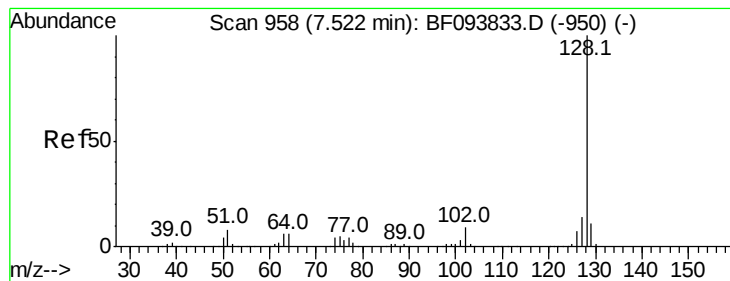
Tot Ion: 82 Resp: 1018846
Ion Ratio Lower Upper
82 100
128 46.6 34.0 51.0
54 50.0 42.2 63.2



#27
2,4-Dimethylphenol
Concen: 2.33 ng
RT: 7.01 min Scan# 871
Delta R.T. -0.01 min
Lab File: BF094178.D
Acq: 4 Apr 2017 20:21

Tgt Ion:122 Resp: 22201
Ion Ratio Lower Upper
122 100
107 113.5 89.2 133.8
121 48.7 45.2 67.8





#31

Naphthalene

Concen: 7.35 ng

RT: 7.40 min Scan# 938

Delta R.T. -0.03 min

Lab File: BF094178.D

Acq: 4 Apr 2017 20:21

Instrument :

BNA_F

ClientSampleId :

MW-1

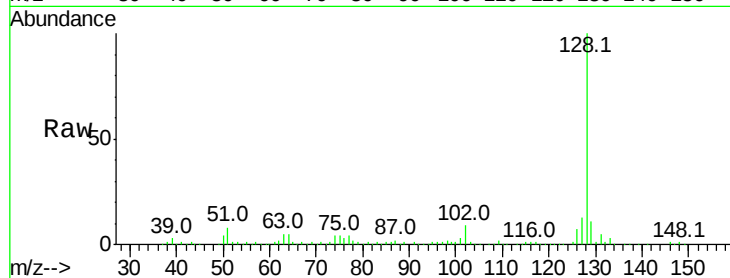
Tot Ion:128 Resp: 237671

Ion Ratio Lower Upper

128 100

129 11.0 9.0 13.6

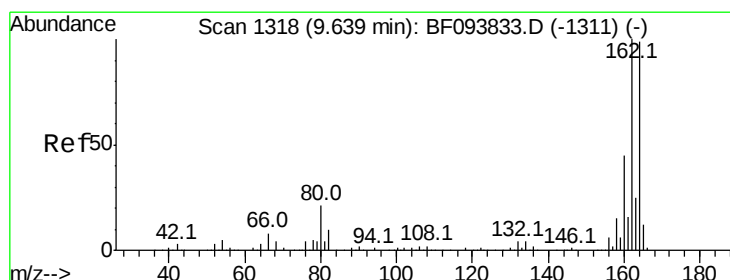
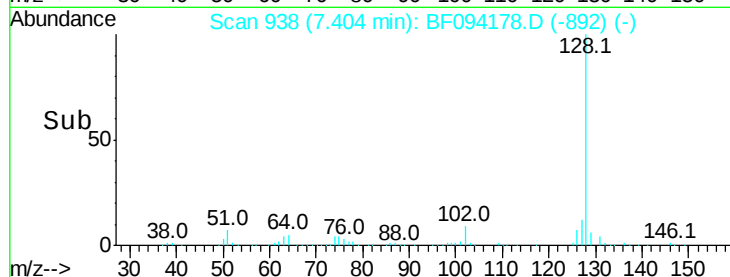
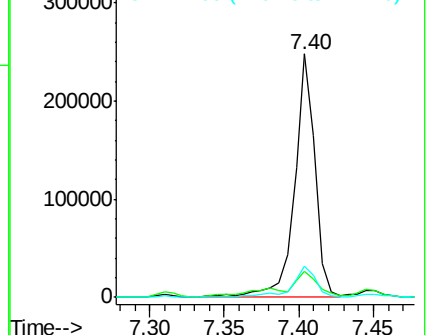
127 12.7 10.8 16.2



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: 9.52 min Scan# 1298

Delta R.T. -0.03 min

Lab File: BF094178.D

Acq: 4 Apr 2017 20:21

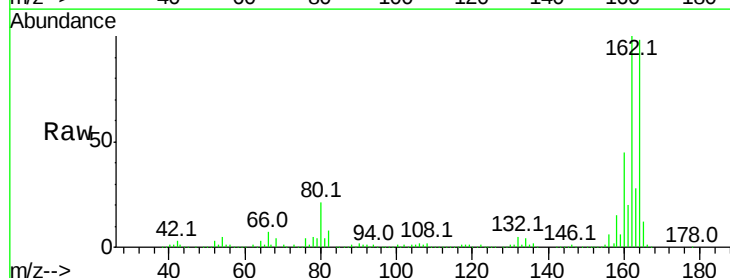
Tgt Ion:164 Resp: 313097

Ion Ratio Lower Upper

164 100

162 101.7 82.6 123.8

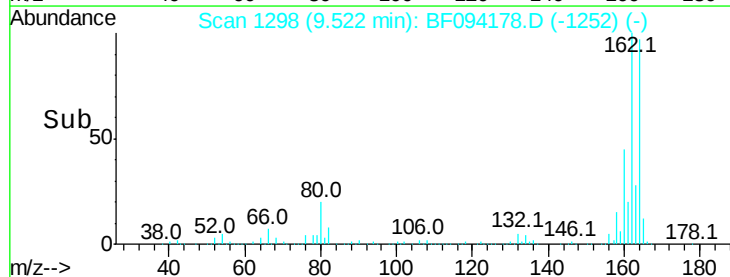
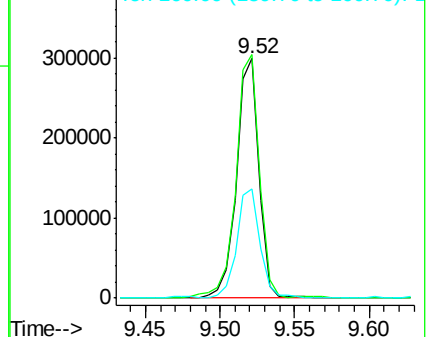
160 45.8 36.2 54.2

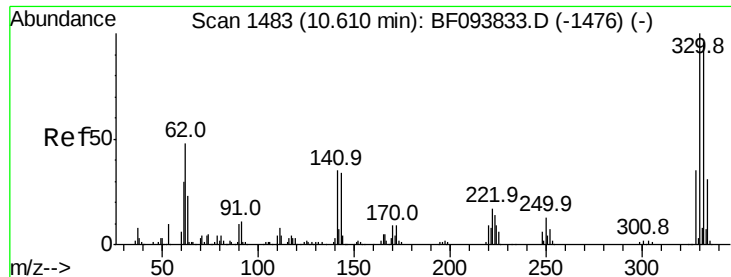


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

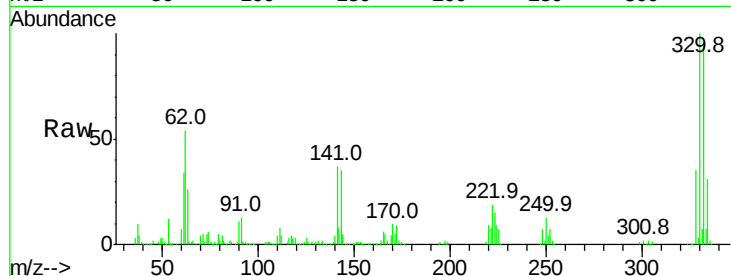




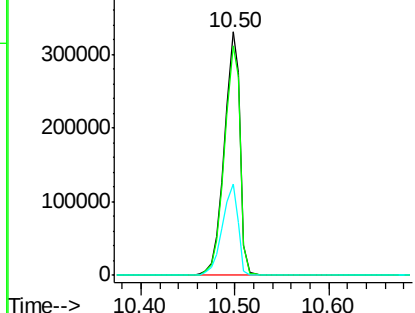
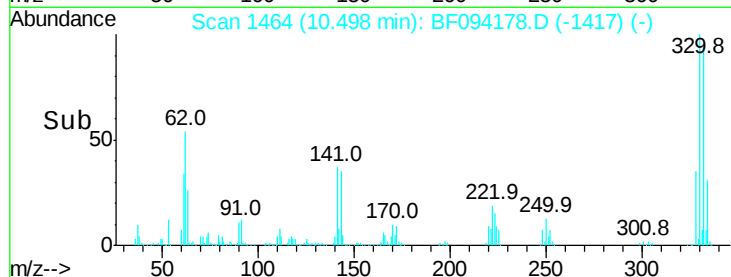
#41
 2,4,6-Tribromophenol
 Concen: 155.52 ng
 RT: 10.50 min Scan# 1464
 Delta R.T. -0.02 min
 Lab File: BF094178.D
 Acq: 4 Apr 2017 20:21

Instrument :
 BNA_F
 ClientSampled :
 MW-1

Tot Ion:330 Resp: 384773
 Ion Ratio Lower Upper
 330 100
 332 95.0 76.6 115.0
 141 38.0 31.4 47.2

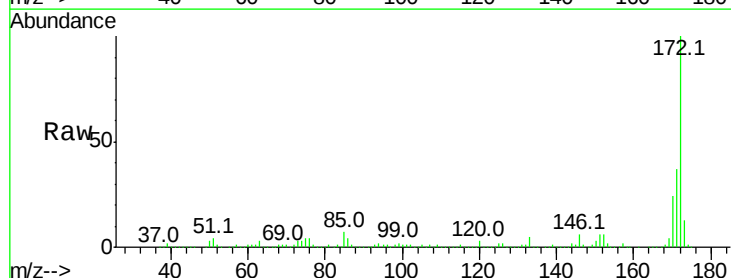


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

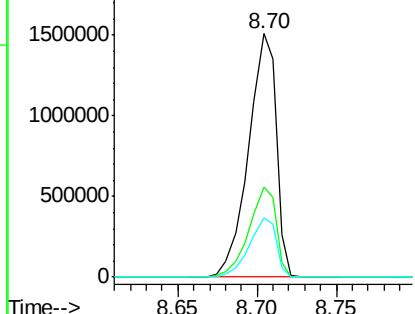
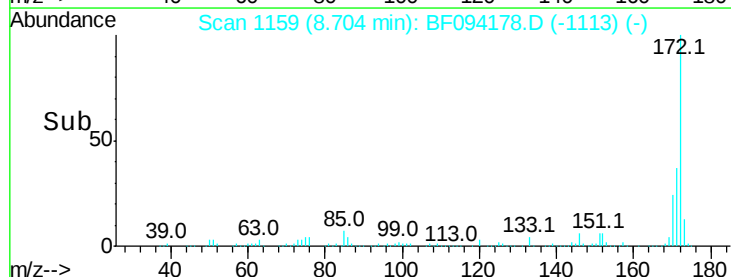


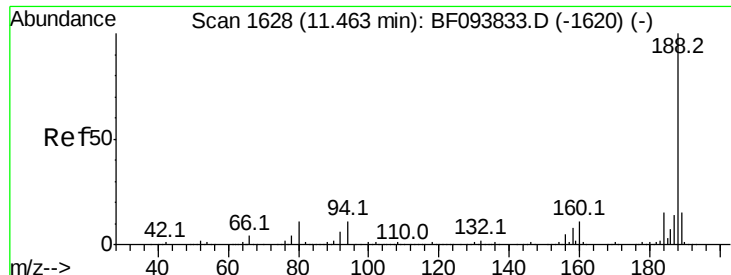
#44
 2-Fluorobiphenyl
 Concen: 89.62 ng
 RT: 8.70 min Scan# 1159
 Delta R.T. -0.03 min
 Lab File: BF094178.D
 Acq: 4 Apr 2017 20:21

Tgt Ion:172 Resp: 1839729
 Ion Ratio Lower Upper
 172 100
 171 37.0 29.6 44.4
 170 24.2 19.8 29.8



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

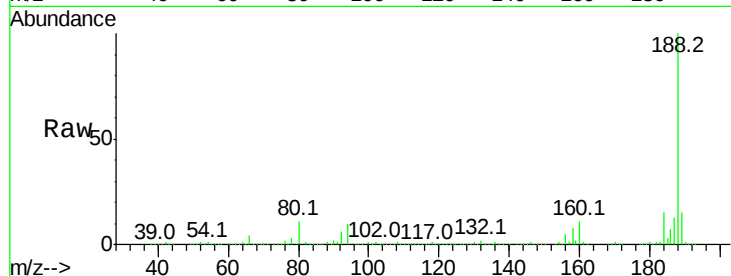




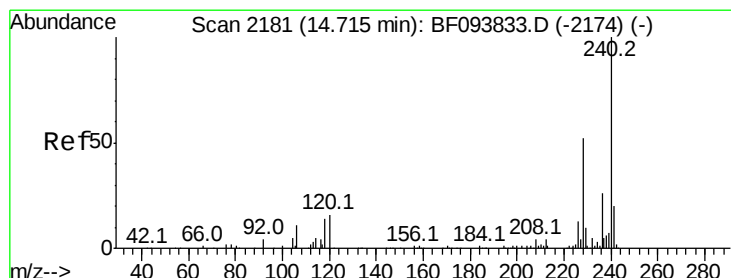
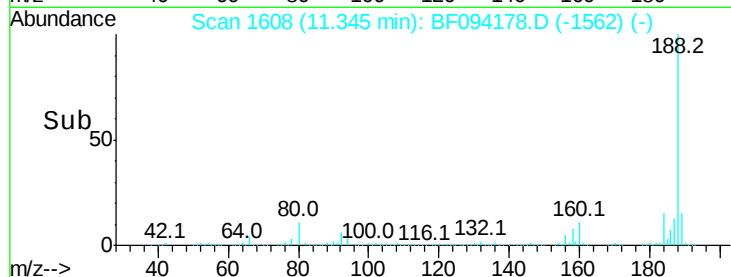
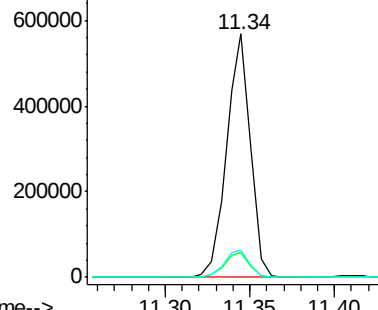
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.34 min Scan# 1608
Delta R.T. -0.03 min
Lab File: BF094178.D
Acq: 4 Apr 2017 20:21

Instrument :
BNA_F
ClientSampleId :
MW-1

Tot Ion:188 Resp: 557460
Ion Ratio Lower Upper
188 100
94 10.4 9.4 14.2
80 11.2 10.2 15.2

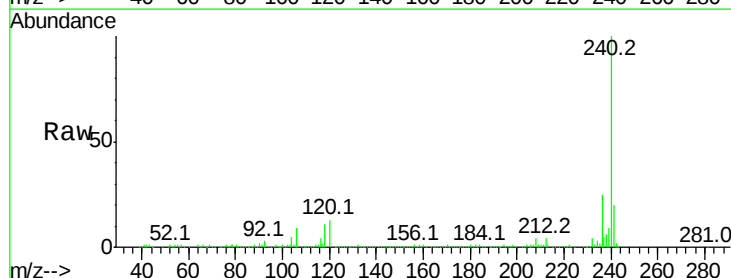


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

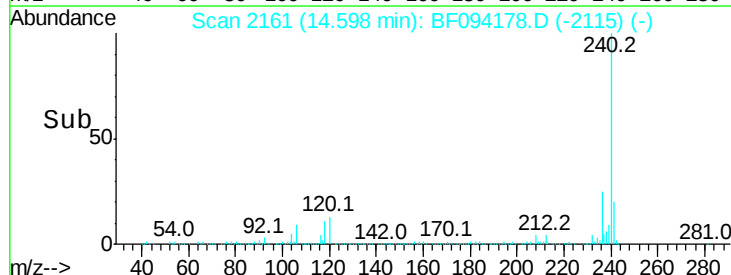
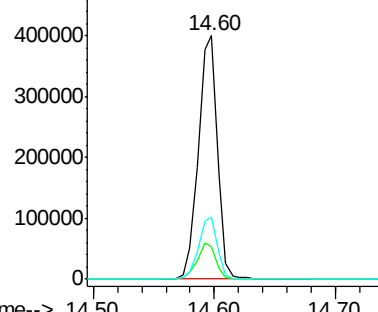


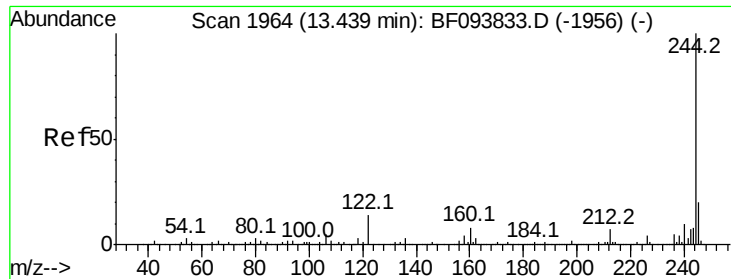
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.60 min Scan# 2161
Delta R.T. -0.03 min
Lab File: BF094178.D
Acq: 4 Apr 2017 20:21

Tgt Ion:240 Resp: 436947
Ion Ratio Lower Upper
240 100
120 13.5 5.8 8.8#
236 25.3 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: 81.48 ng

RT: 13.33 min Scan# 1945

Delta R.T. -0.02 min

Lab File: BF094178.D

Acq: 4 Apr 2017 20:21

Instrument :

BNA_F

ClientSampleId :

MW-1

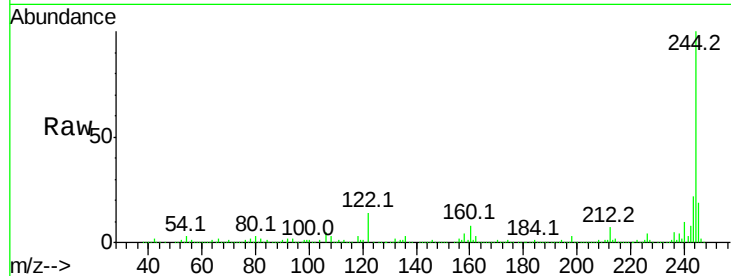
Tot Ion:244 Resp: 1588365

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

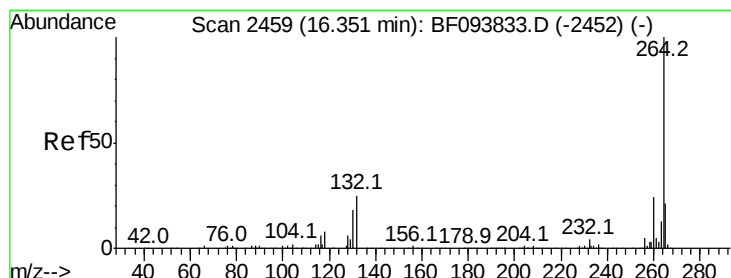
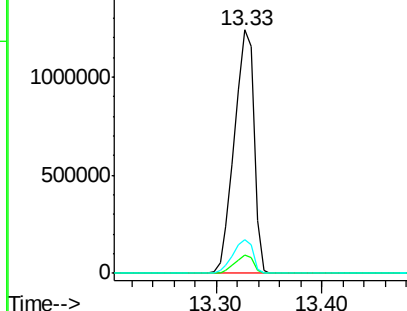
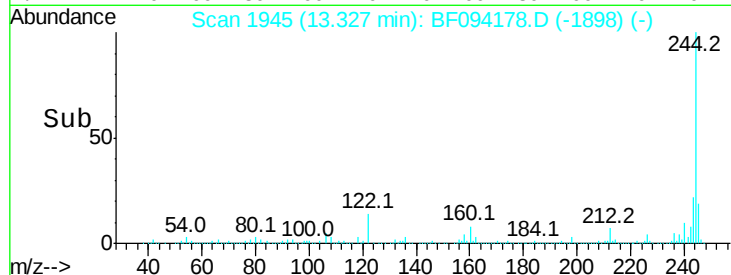
122 13.9 10.3 15.5



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: 16.23 min Scan# 2438

Delta R.T. -0.02 min

Lab File: BF094178.D

Acq: 4 Apr 2017 20:21

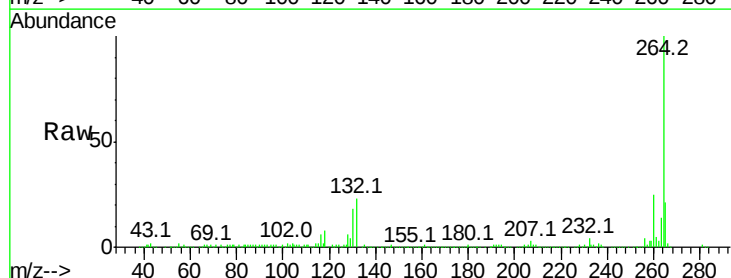
Tgt Ion:264 Resp: 281486

Ion Ratio Lower Upper

264 100

260 24.6 19.5 29.3

265 21.1 17.2 25.8



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

