

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061115\
 Data File : BF079925.D
 Acq On : 12 Jun 2015 7:15
 Operator : TP/IZ
 Sample : G2574-06
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S7

Quant Time: Jun 12 08:45:33 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 12 00:59:58 2015
 Response via : Initial Calibration

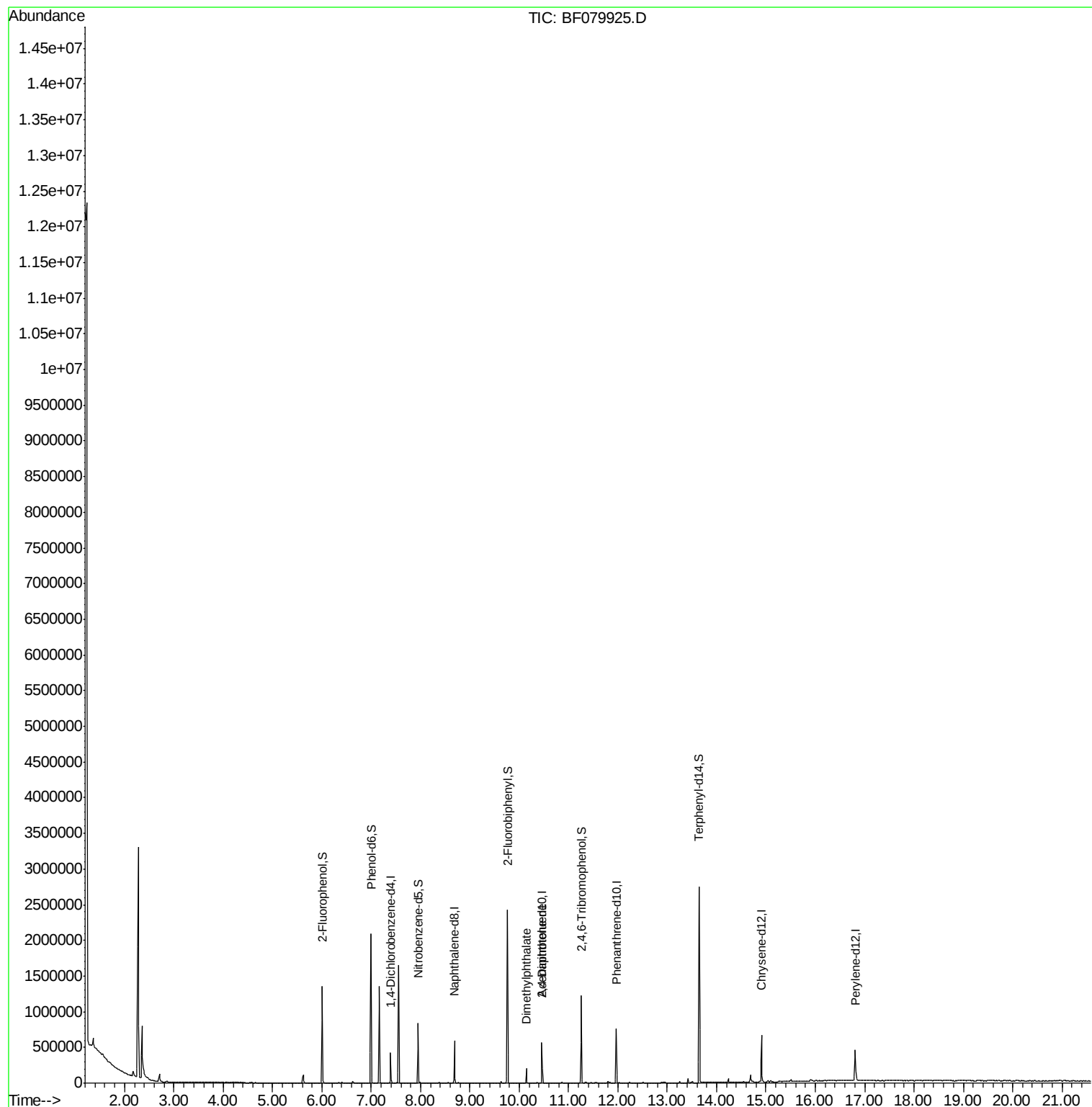
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	57692	20.00	ng	0.00
21) Naphthalene-d8	8.68	136	231515	20.00	ng	0.00
38) Acenaphthene-d10	10.46	164	115660	20.00	ng	0.00
63) Phenanthrene-d10	11.97	188	258879	20.00	ng	-0.01
75) Chrysene-d12	14.91	240	284516	20.00	ng	-0.08
86) Perylene-d12	16.81	264	270504	20.00	ng	-0.11
System Monitoring Compounds						
5) 2-Fluorophenol	6.01	112	457735	132.94	ng	0.01
7) Phenol-d6	6.99	99	641203	142.35	ng	0.00
23) Nitrobenzene-d5	7.95	82	307757	79.07	ng	0.00
41) 2,4,6-Tribromophenol	11.26	330	163258	158.15	ng	0.00
44) 2-Fluorobiphenyl	9.76	172	684281	83.38	ng	0.00
78) Terphenyl-d14	13.65	244	927189	74.05	ng	-0.05
Target Compounds						
49) Dimethylphthalate	10.15	163	80826	8.87	ng	99
56) 2,4-Dinitrotoluene	10.46	165	15727	7.79	ng	# 32

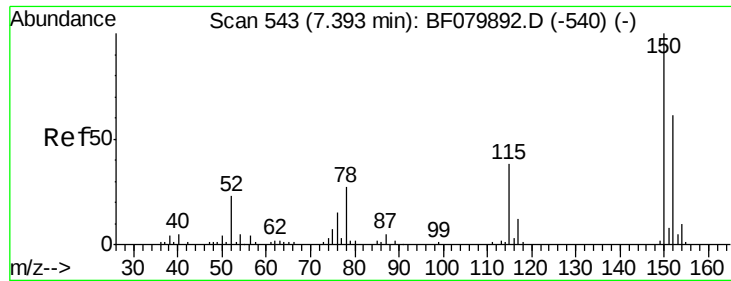
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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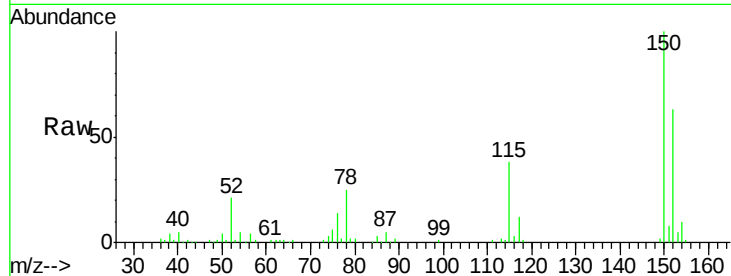


#1

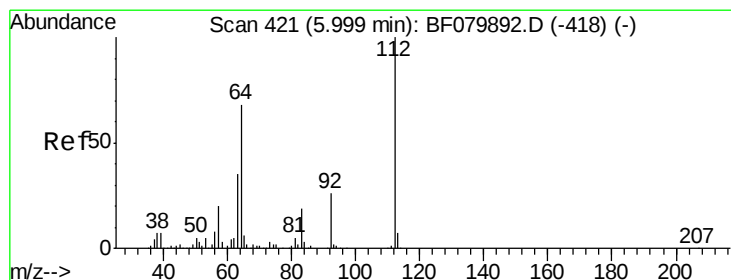
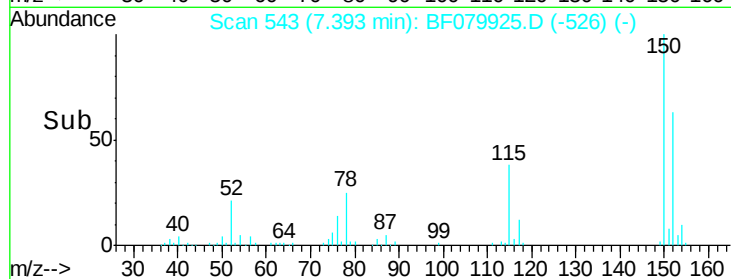
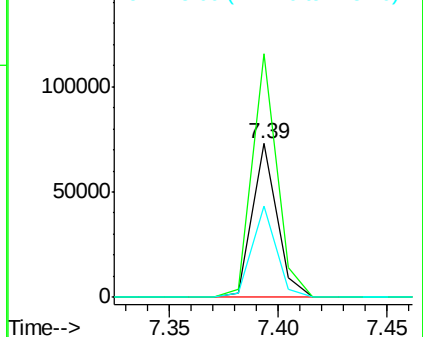
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.39 min Scan# 543
Delta R.T. -0.00 min
Lab File: BF079925.D
Acq: 12 Jun 2015 7:15

Instrument :
BNA_F
ClientSampleId :
S7

Tgt Ion:152 Resp: 57692
Ion Ratio Lower Upper
152 100
150 158.4 131.0 196.4
115 59.5 49.8 74.6



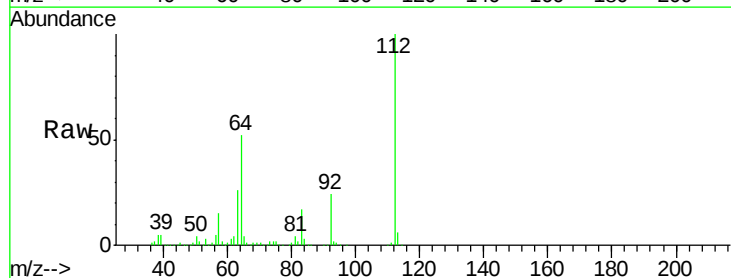
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



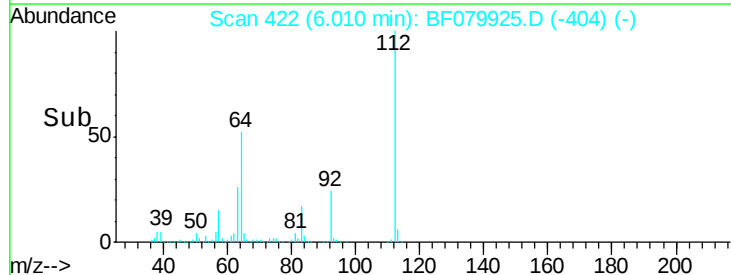
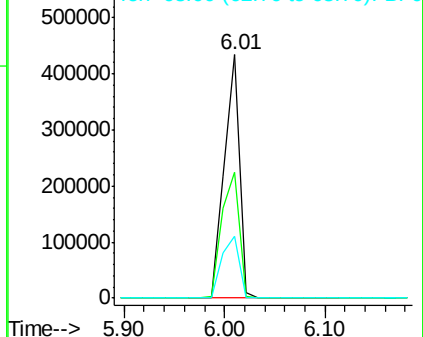
#5

2-Fluorophenol
Concen: 132.94 ng
RT: 6.01 min Scan# 422
Delta R.T. 0.01 min
Lab File: BF079925.D
Acq: 12 Jun 2015 7:15

Tgt Ion:112 Resp: 457735
Ion Ratio Lower Upper
112 100
64 51.9 54.5 81.7#
63 25.5 27.9 41.9#



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: 142.35 ng

RT: 6.99 min Scan# 508

Delta R.T. -0.00 min

Lab File: BF079925.D

Acq: 12 Jun 2015 7:15

Instrument :

BNA_F

ClientSampleId :

S7

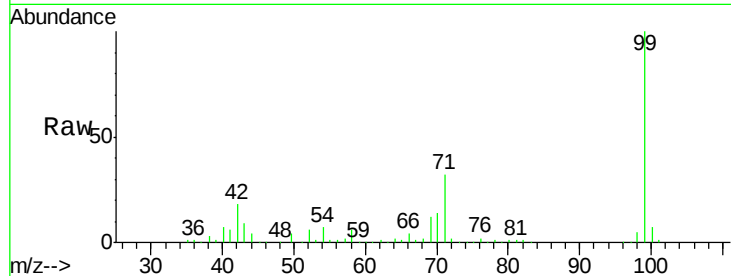
Tgt Ion: 99 Resp: 641203

Ion Ratio Lower Upper

99 100

42 18.0 12.9 19.3

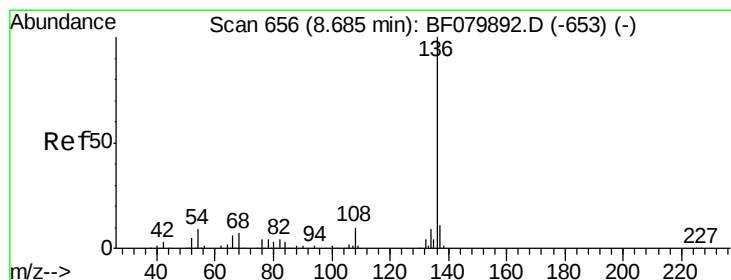
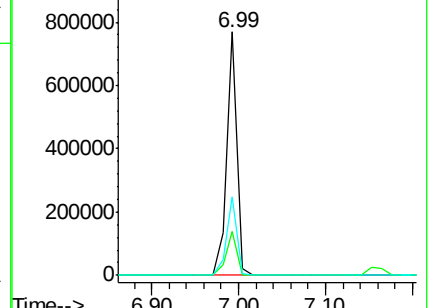
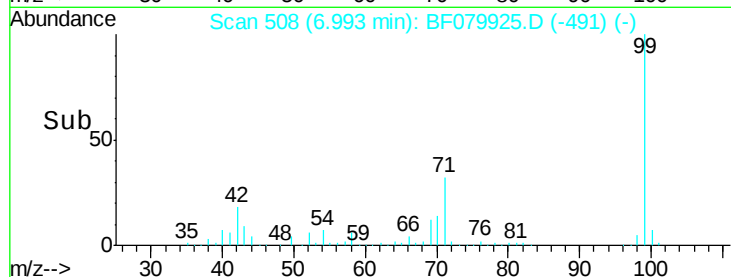
71 32.2 23.4 35.2



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: 8.68 min Scan# 656

Delta R.T. -0.00 min

Lab File: BF079925.D

Acq: 12 Jun 2015 7:15

Tgt Ion: 136 Resp: 231515

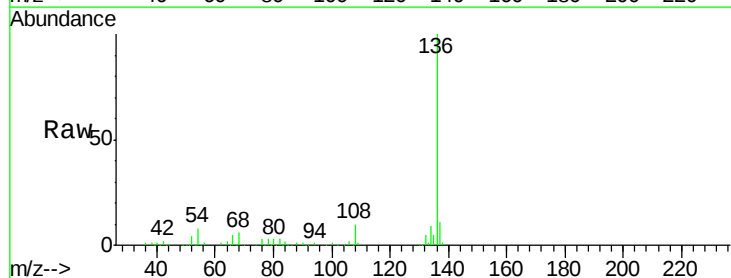
Ion Ratio Lower Upper

136 100

137 11.2 8.7 13.1

54 8.4 7.3 10.9

68 5.9 5.9 8.9

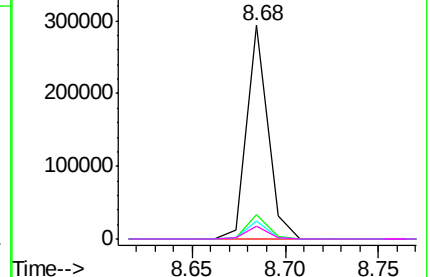
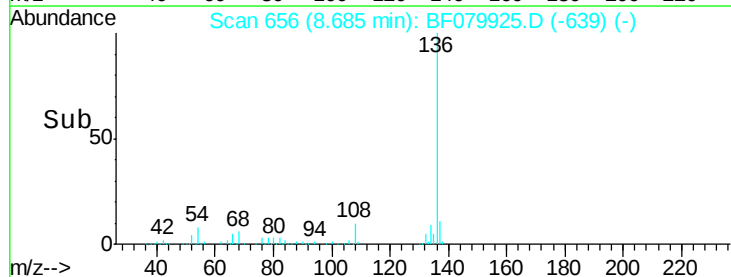


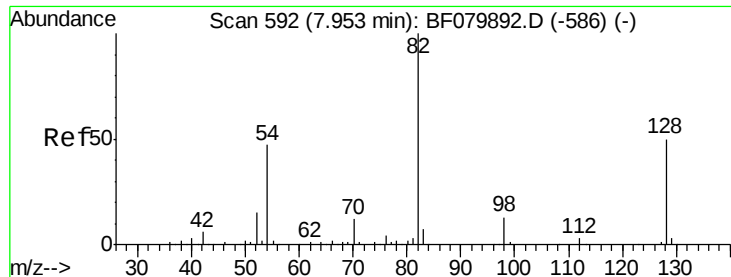
Abundance Ion 136.00 (135.70 to 136.70): E

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

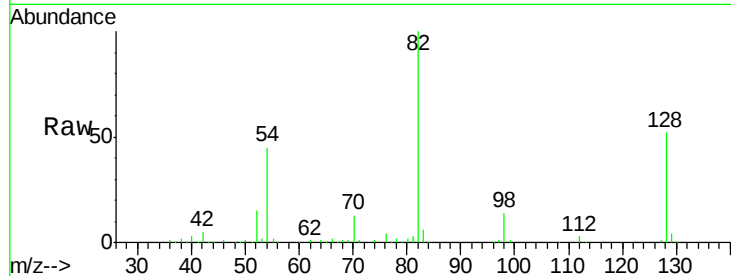




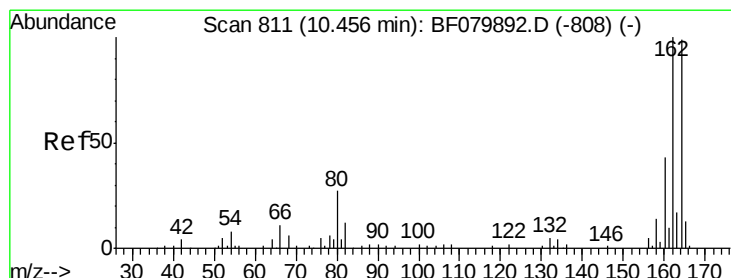
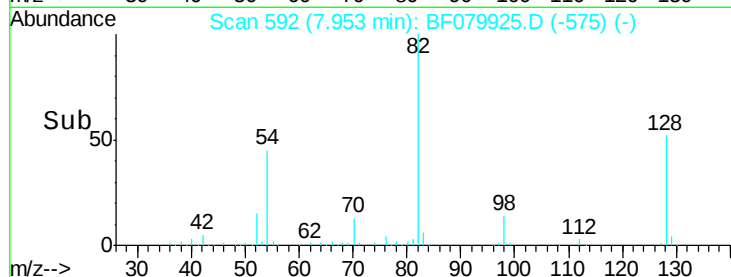
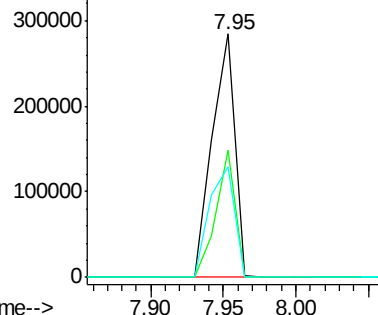
#23
 Nitrobenzene-d5
 Concen: 79.07 ng
 RT: 7.95 min Scan# 592
 Delta R.T. -0.00 min
 Lab File: BF079925.D
 Acq: 12 Jun 2015 7:15

Instrument :
 BNA_F
 ClientSampled :
 S7

Tgt Ion	Ratio	Lower	Upper
82	100		
128	52.5	40.3	60.5
54	45.2	38.0	57.0

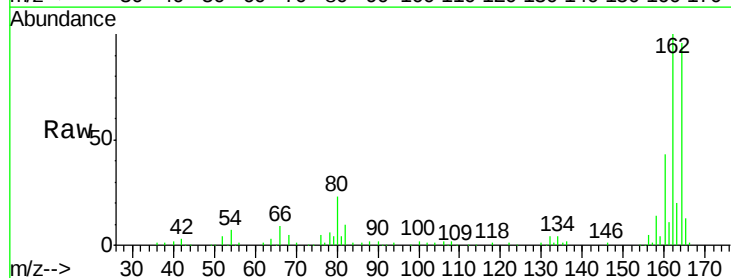


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

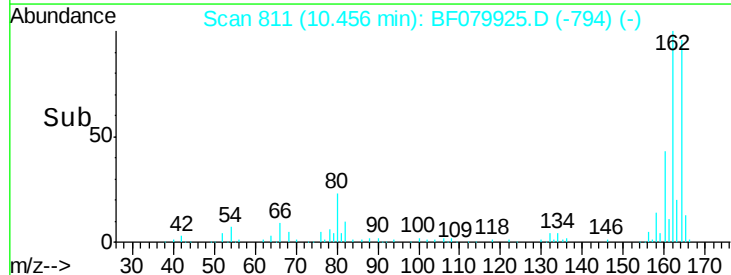
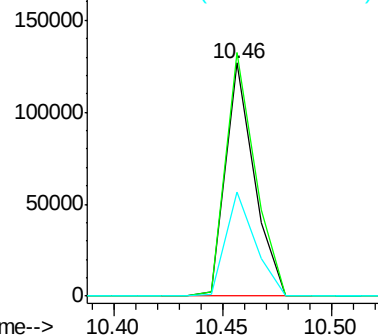


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.46 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: BF079925.D
 Acq: 12 Jun 2015 7:15

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.6	80.7	121.1
160	44.8	34.6	51.8



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

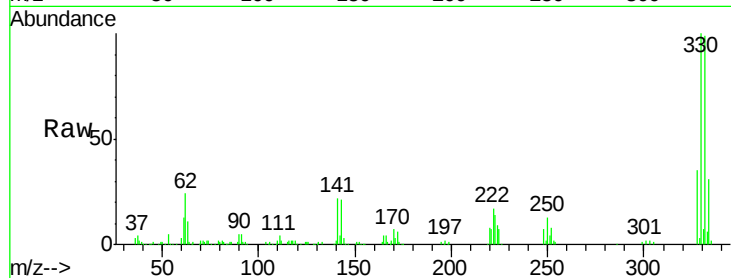




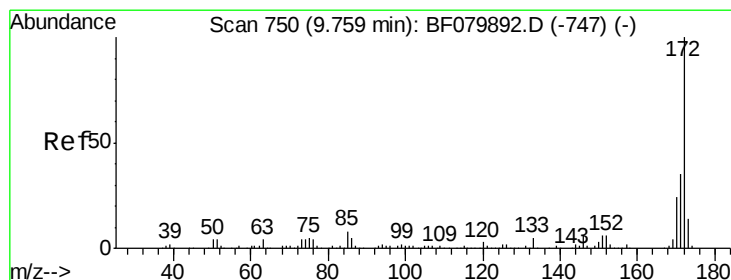
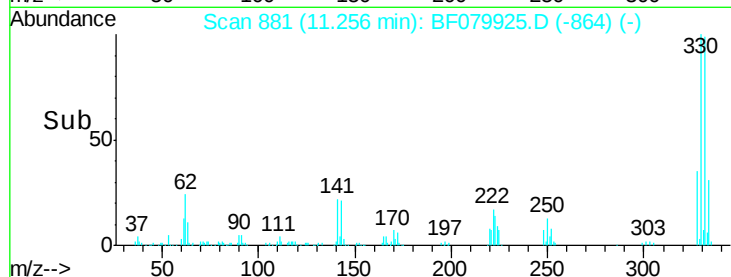
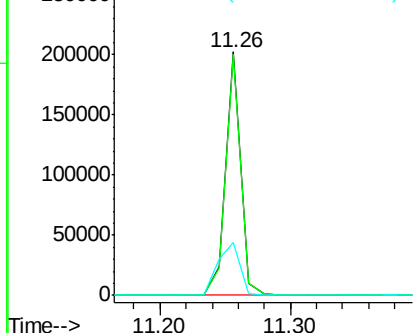
#41
 2,4,6-Tribromophenol
 Concen: 158.15 ng
 RT: 11.26 min Scan# 881
 Delta R.T. -0.00 min
 Lab File: BF079925.D
 Acq: 12 Jun 2015 7:15

Instrument :
 BNA_F
 ClientSampleId :
 S7

Tgt Ion:330 Resp: 163258
 Ion Ratio Lower Upper
 330 100
 332 98.9 77.3 115.9
 141 31.9 26.8 40.2

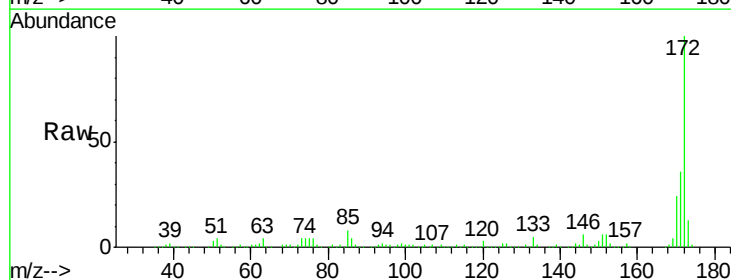


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

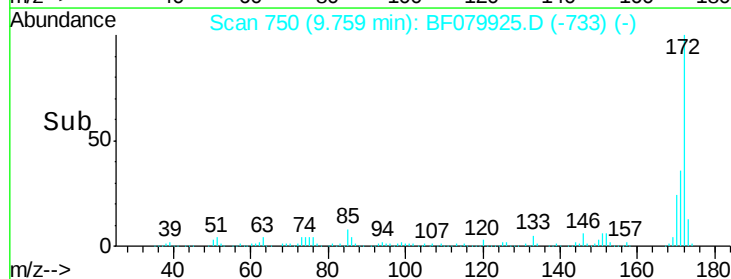
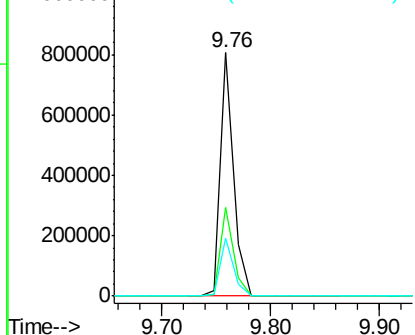


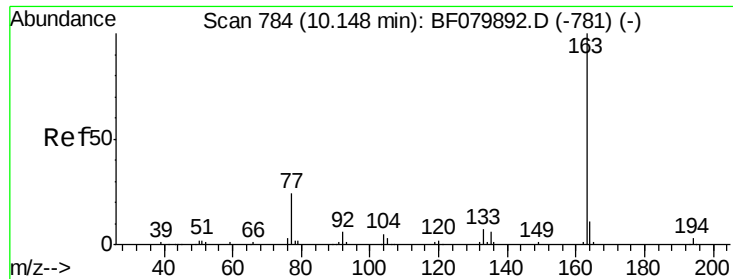
#44
 2-Fluorobiphenyl
 Concen: 83.38 ng
 RT: 9.76 min Scan# 750
 Delta R.T. -0.00 min
 Lab File: BF079925.D
 Acq: 12 Jun 2015 7:15

Tgt Ion:172 Resp: 684281
 Ion Ratio Lower Upper
 172 100
 171 36.4 28.3 42.5
 170 23.9 19.0 28.4



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

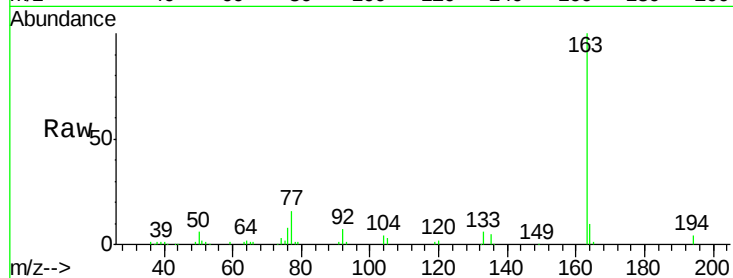




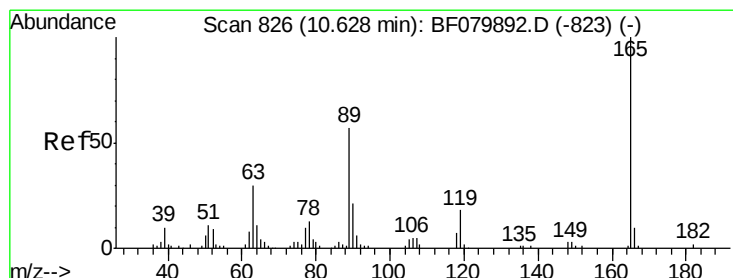
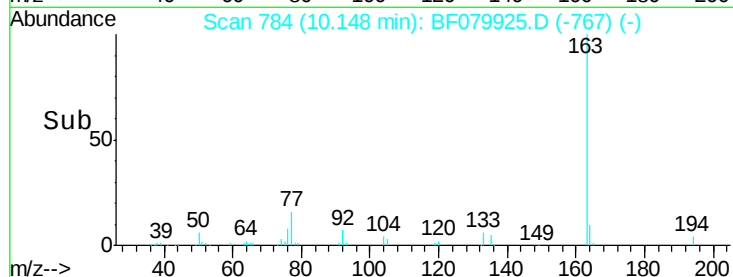
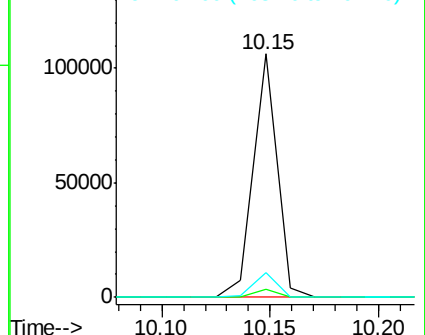
#49
Dimethylphthalate
Concen: 8.87 ng
RT: 10.15 min Scan# 784
Delta R.T. -0.00 min
Lab File: BF079925.D
Acq: 12 Jun 2015 7:15

Instrument :
BNA_F
ClientSampled :
S7

Tgt Ion:163 Resp: 80826
Ion Ratio Lower Upper
163 100
194 3.6 2.6 4.0
164 10.2 8.6 12.8

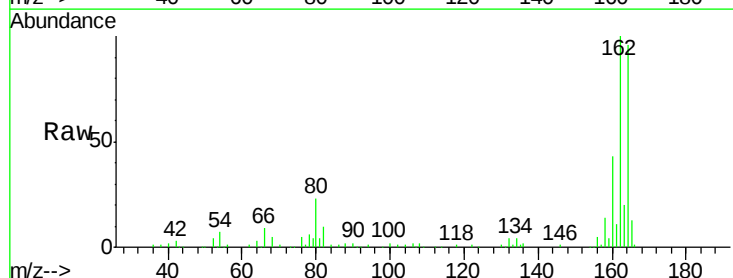


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

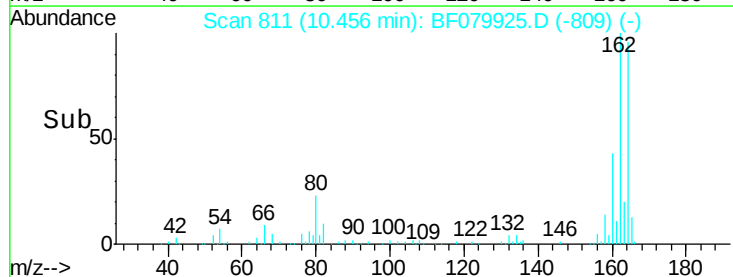
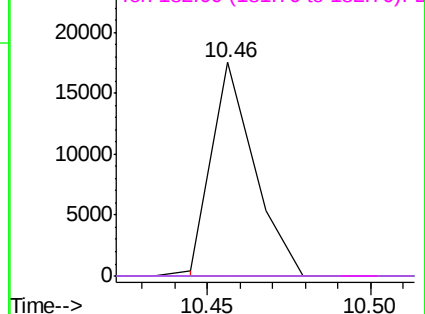


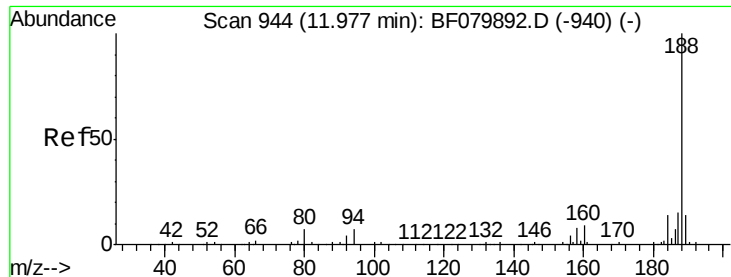
#56
2,4-Dinitrotoluene
Concen: 7.79 ng
RT: 10.46 min Scan# 811
Delta R.T. -0.17 min
Lab File: BF079925.D
Acq: 12 Jun 2015 7:15

Tgt Ion:165 Resp: 15727
Ion Ratio Lower Upper
165 100
63 0.0 24.3 36.5#
89 0.0 45.4 68.2#
182 0.0 1.8 2.8#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

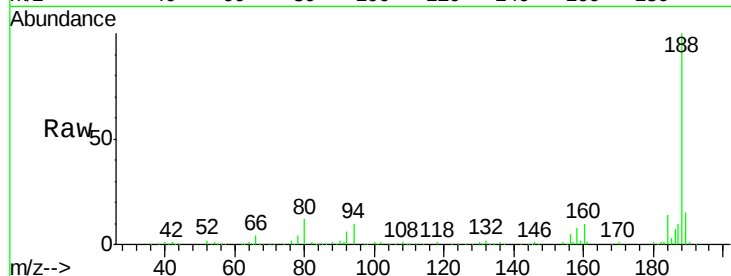




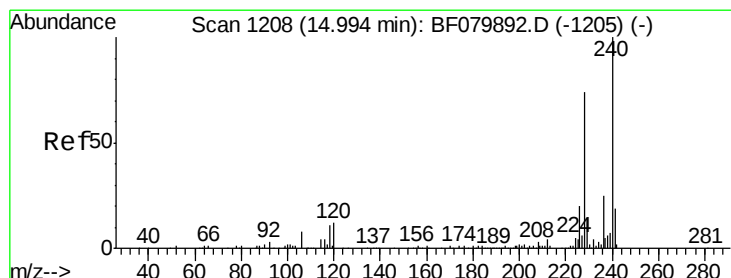
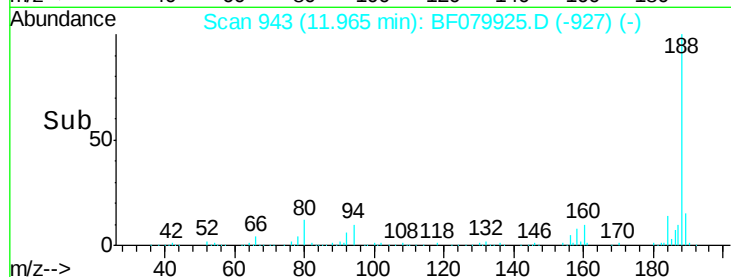
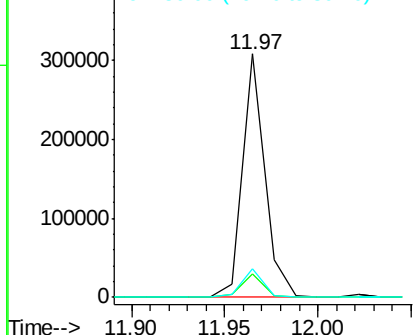
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.97 min Scan# 943
Delta R.T. -0.01 min
Lab File: BF079925.D
Acq: 12 Jun 2015 7:15

Instrument :
BNA_F
ClientSampleId :
S7

Tgt Ion:188 Resp: 258879
Ion Ratio Lower Upper
188 100
94 9.7 5.8 8.8#
80 11.7 5.9 8.9#

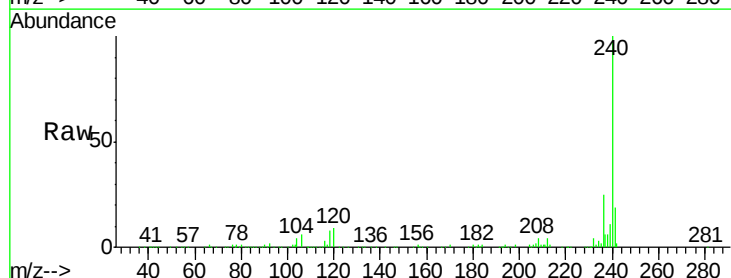


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

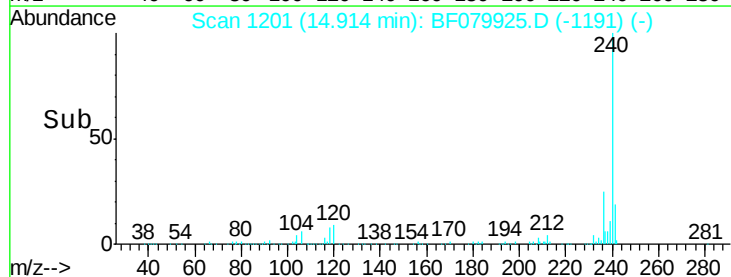
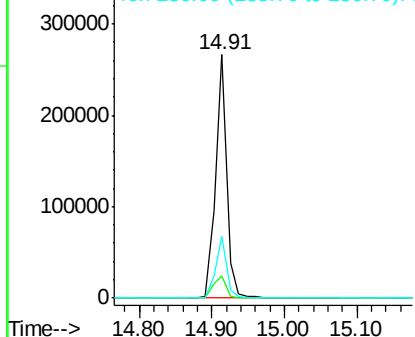


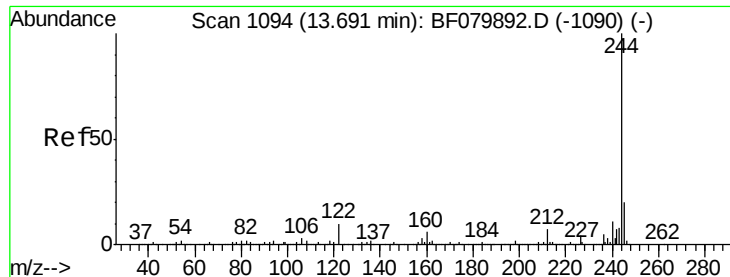
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.91 min Scan# 1201
Delta R.T. -0.08 min
Lab File: BF079925.D
Acq: 12 Jun 2015 7:15

Tgt Ion:240 Resp: 284516
Ion Ratio Lower Upper
240 100
120 9.1 9.4 14.2#
236 25.4 19.6 29.4



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: 74.05 ng

RT: 13.65 min Scan# 1090

Delta R.T. -0.05 min

Lab File: BF079925.D

Acq: 12 Jun 2015 7:15

Instrument :

BNA_F

ClientSampleId :

S7

Tgt Ion:244 Resp: 927189

Ion Ratio Lower Upper

244 100

212 7.2

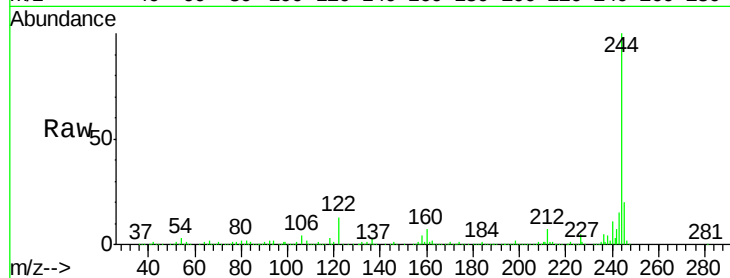
5.4

8.2

122 12.6

7.8

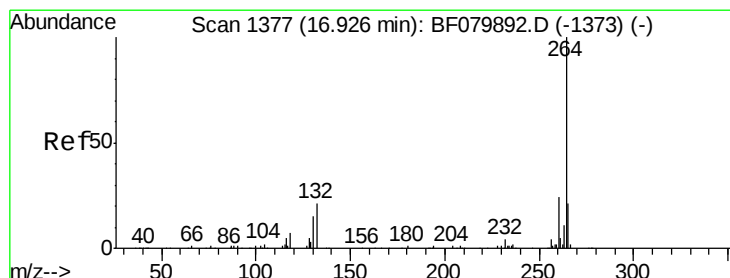
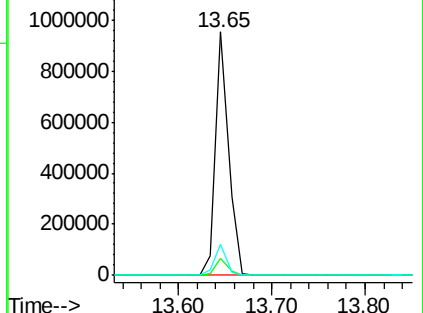
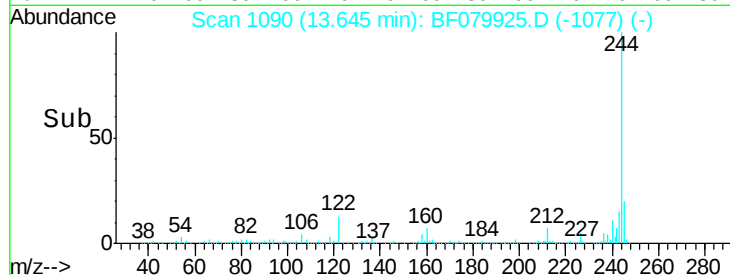
11.8#



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: 16.81 min Scan# 1367

Delta R.T. -0.11 min

Lab File: BF079925.D

Acq: 12 Jun 2015 7:15

Tgt Ion:264 Resp: 270504

Ion Ratio Lower Upper

264 100

260 24.0

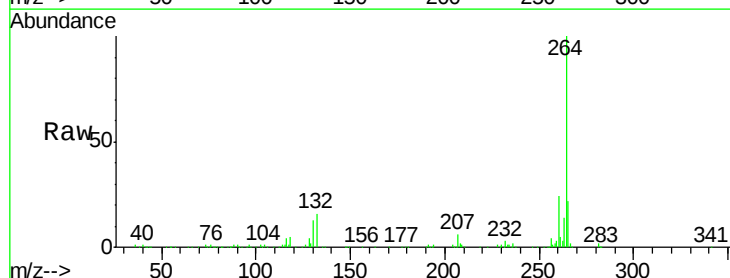
19.3

28.9

265 21.6

17.0

25.6



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

