

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020316\
 Data File : BF084813.D
 Acq On : 4 Feb 2016 4:36
 Operator : SJ/IZ
 Sample : H1312-07
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B005(34-36)

Quant Time: Feb 04 06:06:32 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 03 14:16:01 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	179935	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	793672	20.00	ng	0.00
38) Acenaphthene-d10	9.72	164	354557	20.00	ng	-0.01
63) Phenanthrene-d10	11.20	188	637257	20.00	ng	-0.01
75) Chrysene-d12	13.83	240	480539	20.00	ng	-0.01
86) Perylene-d12	15.21	264	360516	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	1474036	127.60	ng	0.01
7) Phenol-d6	6.34	99	1785499	124.67	ng	0.00
23) Nitrobenzene-d5	7.25	82	1132580	80.39	ng	-0.01
41) 2,4,6-Tribromophenol	10.51	330	516843	139.75	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	2187775	120.97	ng	0.00
78) Terphenyl-d14	12.80	244	1770745	83.50	ng	0.00
Target Compounds						
15) Benzyl Alcohol	6.84	79	21849	2.21	ng	# 45
19) n-Nitroso-di-n-propylamine	7.25	70	154690	17.23	ng	# 70
49) Dimethylphthalate	9.45	163	412959	15.29	ng	# 89
56) 2,4-Dinitrotoluene	9.72	165	45448	6.04	ng	# 21
66) 4-Bromophenyl-phenylether	10.51	248	30138	4.28	ng	# 1

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.68 min Scan# 402

Delta R.T. 0.00 min

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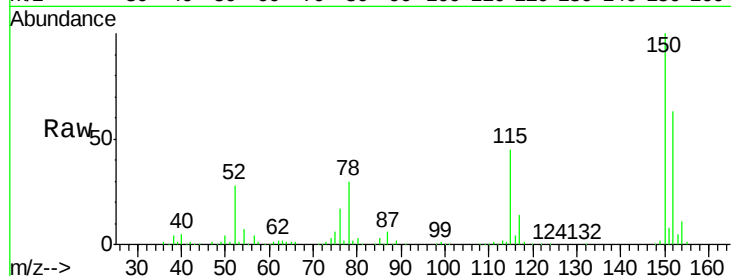
Tgt Ion:152 Resp: 179935

Ion Ratio Lower Upper

152 100

150 157.7 123.0 184.4

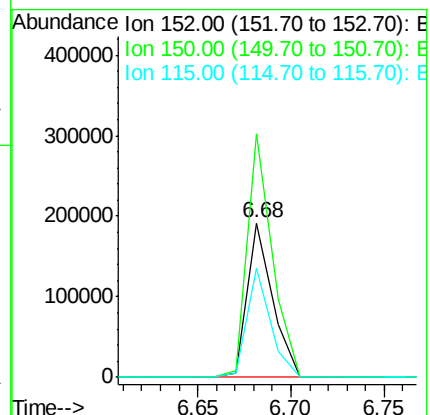
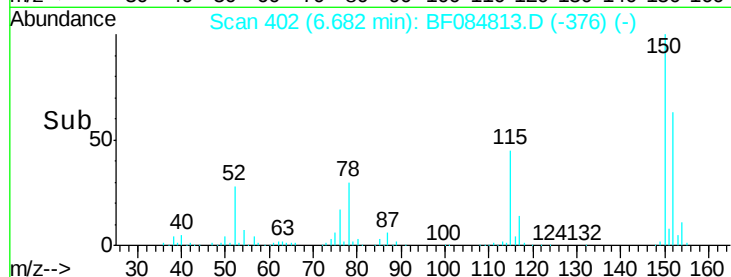
115 70.5 51.4 77.2



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: 127.60 ng

RT: 5.29 min Scan# 280

Delta R.T. 0.01 min

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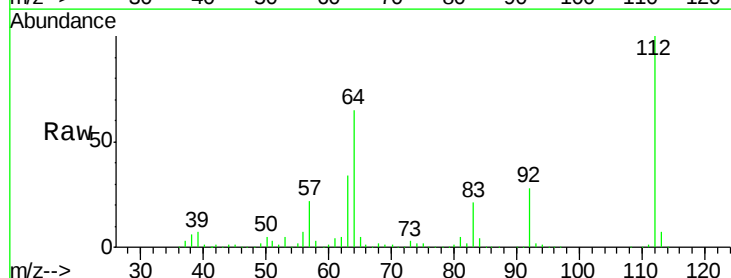
Tgt Ion:112 Resp: 1474036

Ion Ratio Lower Upper

112 100

64 65.1 36.6 55.0#

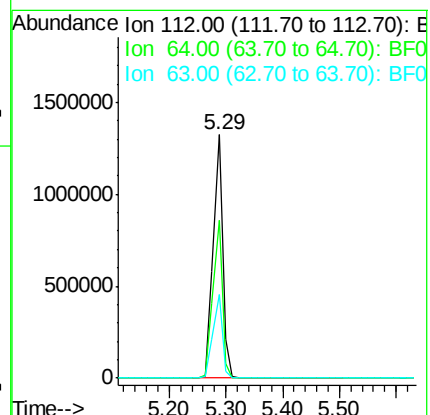
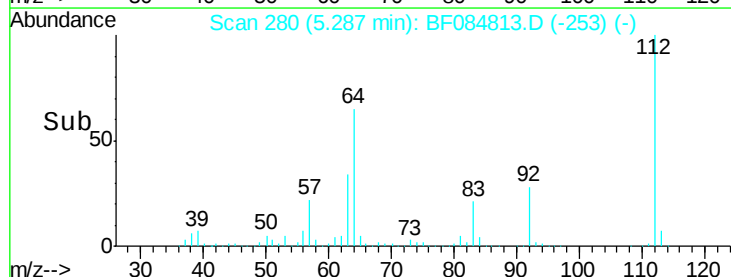
63 34.2 19.4 29.0#

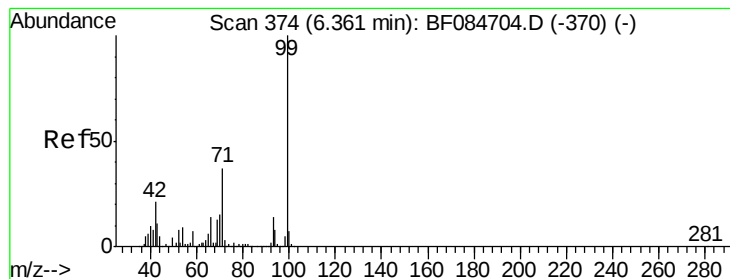


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 124.67 ng

RT: 6.34 min Scan# 372

Delta R.T. 0.00 min

Lab File: BF084813.D

Acq: 4 Feb 2016 4:36

Instrument :

BNA_F

ClientSampleId :

SUP-B005(34-36)

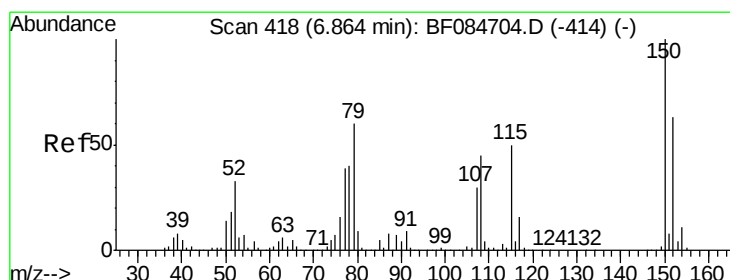
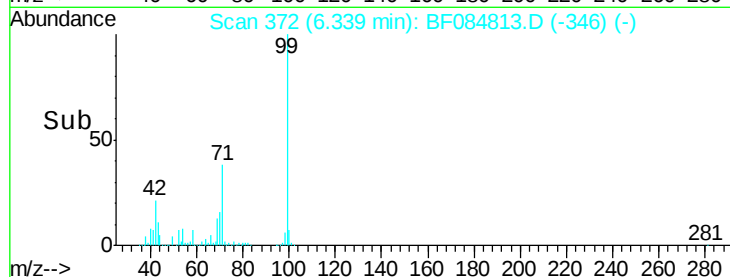
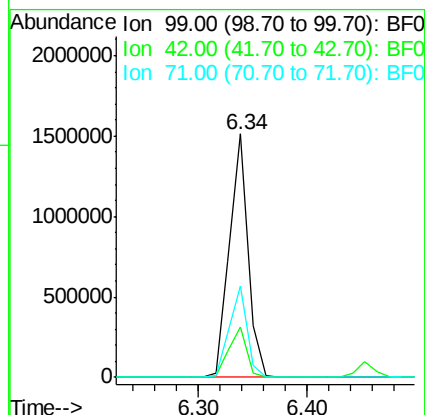
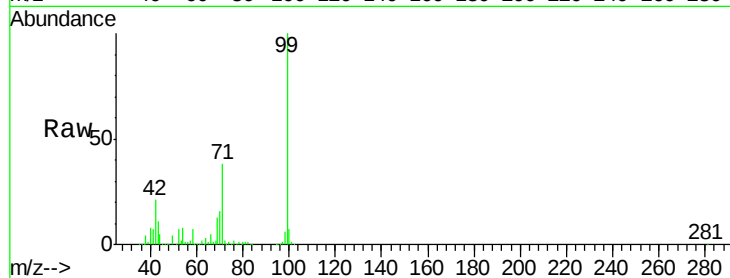
Tgt Ion: 99 Resp: 1785499

Ion Ratio Lower Upper

99 100

42 20.6 12.8 19.2#

71 37.6 30.9 46.3



#15

Benzyl Alcohol

Concen: 2.21 ng

RT: 6.84 min Scan# 416

Delta R.T. 0.00 min

Lab File: BF084813.D

Acq: 4 Feb 2016 4:36

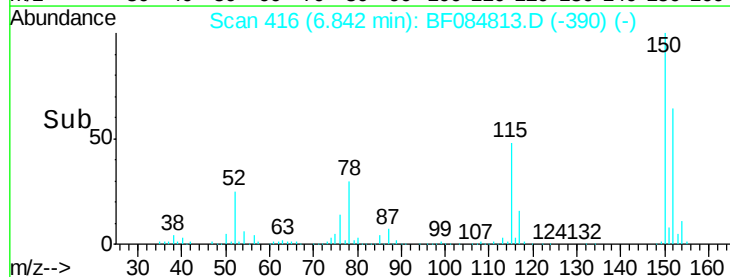
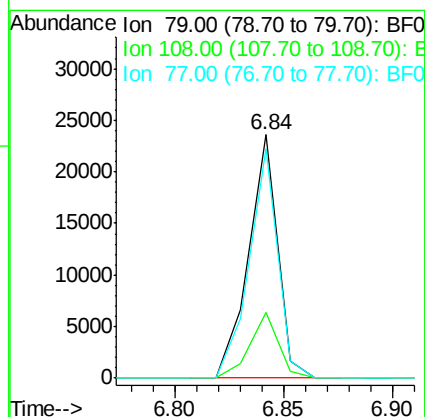
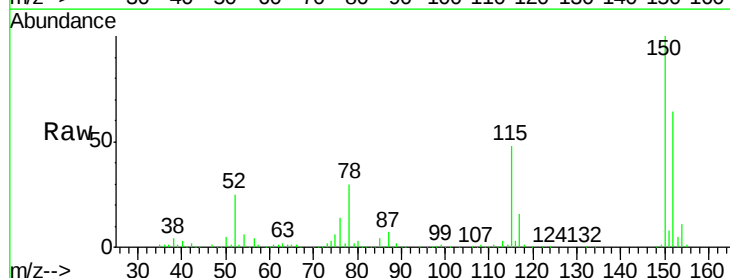
Tgt Ion: 79 Resp: 21849

Ion Ratio Lower Upper

79 100

108 27.1 69.0 103.4#

77 94.5 50.0 75.0#

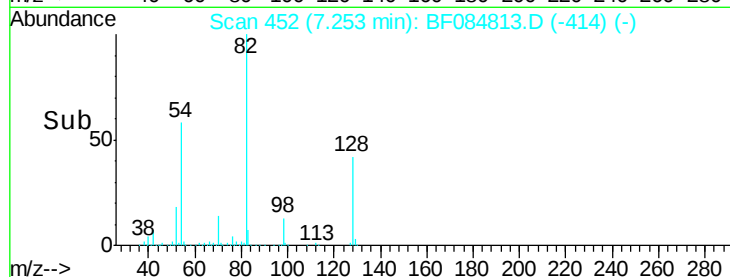
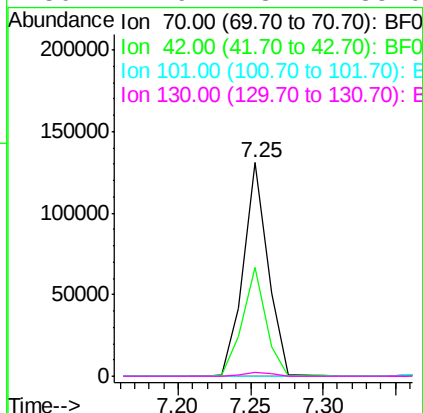
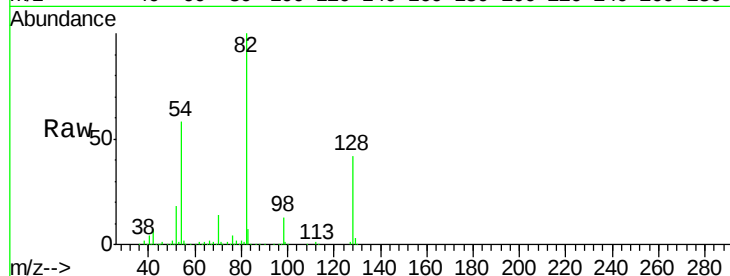




#19
n-Nitroso-di-n-propylamine
Concen: 17.23 ng
RT: 7.25 min Scan# 452
Delta R.T. 0.14 min
Lab File: BF084813.D
Acq: 4 Feb 2016 4:36

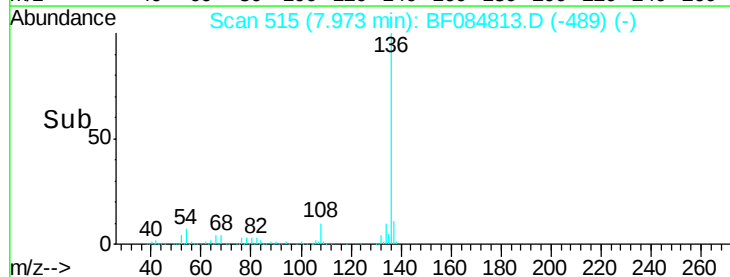
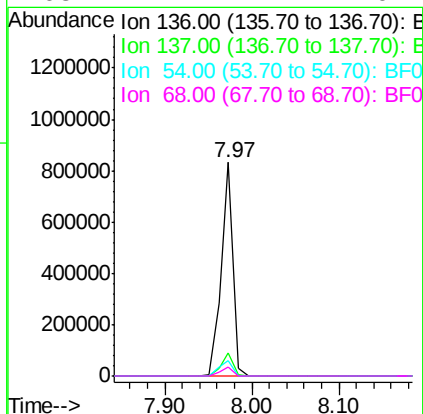
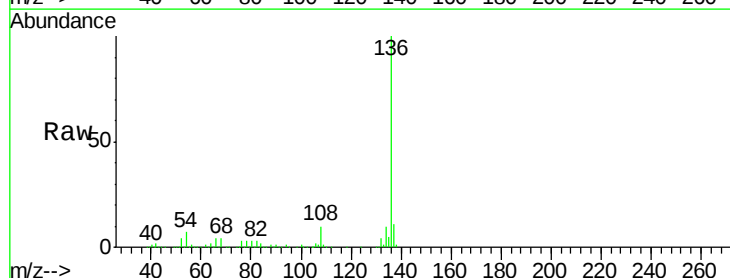
Instrument :
BNA_F
ClientSampleId :
SUP-B005(34-36)

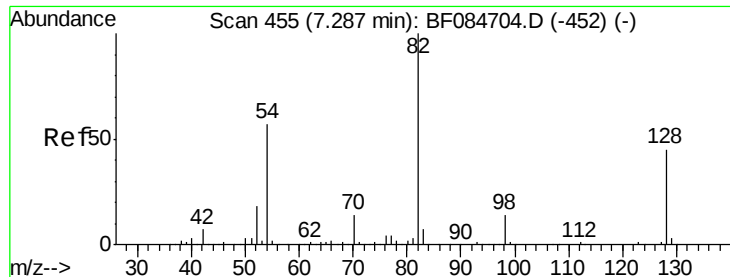
Tgt Ion: 70 Resp: 154690
Ion Ratio Lower Upper
70 100
42 50.7 33.3 49.9#
101 0.0 9.3 13.9#
130 1.9 23.4 35.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.97 min Scan# 515
Delta R.T. 0.00 min
Lab File: BF084813.D
Acq: 4 Feb 2016 4:36

Tgt Ion: 136 Resp: 793672
Ion Ratio Lower Upper
136 100
137 11.0 8.7 13.1
54 7.4 5.8 8.8
68 4.2 4.2 6.2

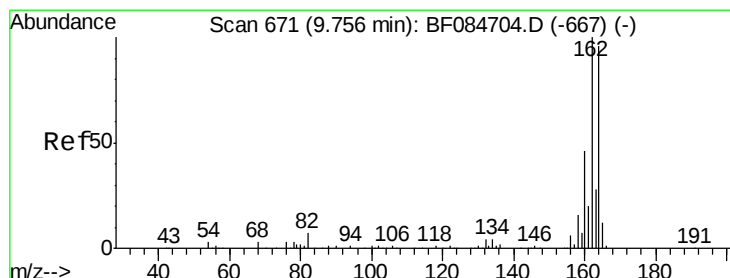
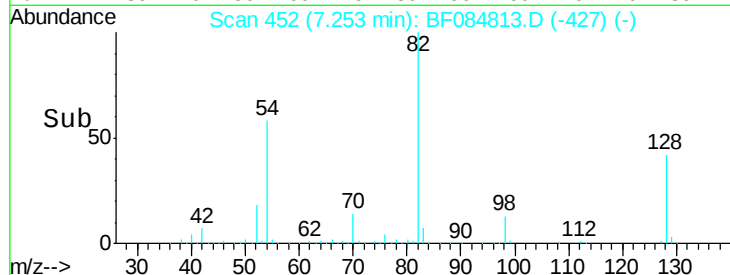
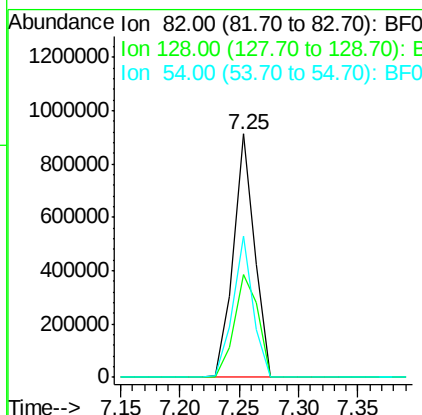
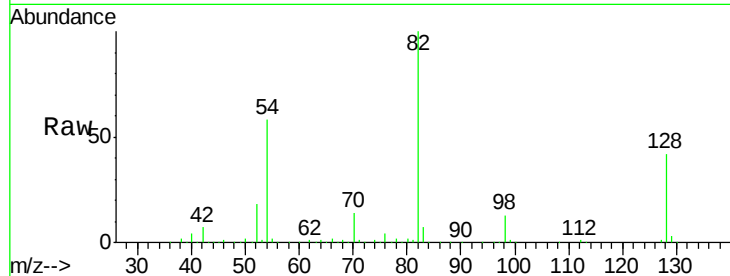




#23
 Nitrobenzene-d5
 Concen: 80.39 ng
 RT: 7.25 min Scan# 452
 Delta R.T. -0.01 min
 Lab File: BF084813.D
 Acq: 4 Feb 2016 4:36

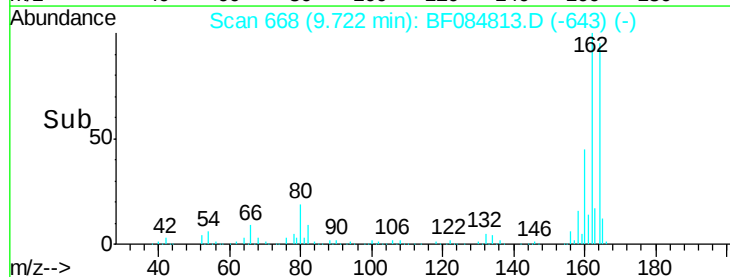
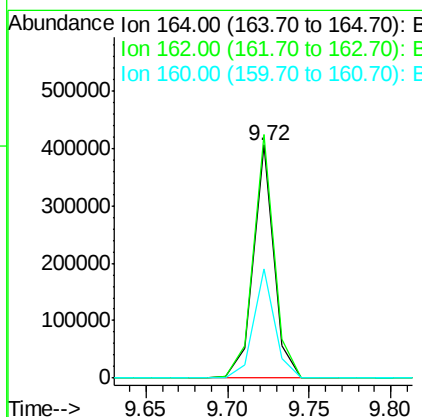
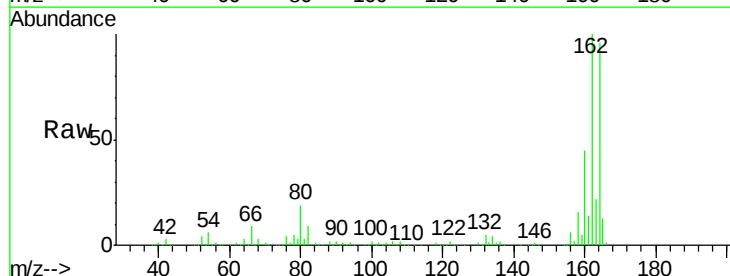
Instrument :
 BNA_F
 ClientSampleId :
 SUP-B005(34-36)

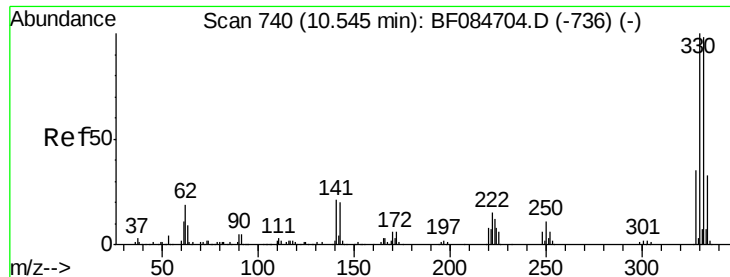
Tgt Ion: 82 Resp: 1132580
 Ion Ratio Lower Upper
 82 100
 128 42.3 34.6 51.8
 54 58.1 38.4 57.6#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.72 min Scan# 668
 Delta R.T. -0.01 min
 Lab File: BF084813.D
 Acq: 4 Feb 2016 4:36

Tgt Ion: 164 Resp: 354557
 Ion Ratio Lower Upper
 164 100
 162 104.6 85.1 127.7
 160 47.2 37.5 56.3

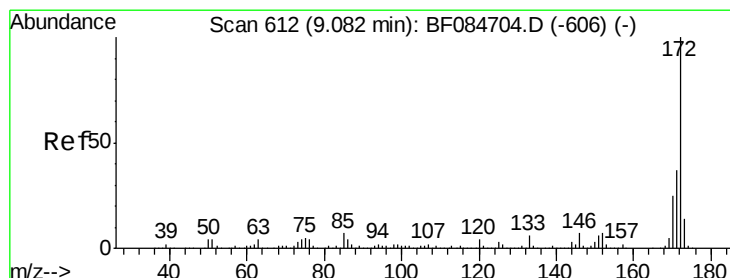
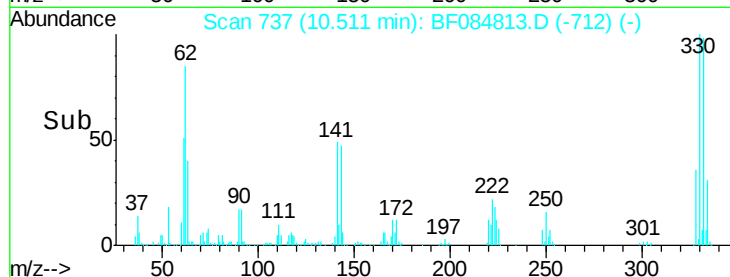
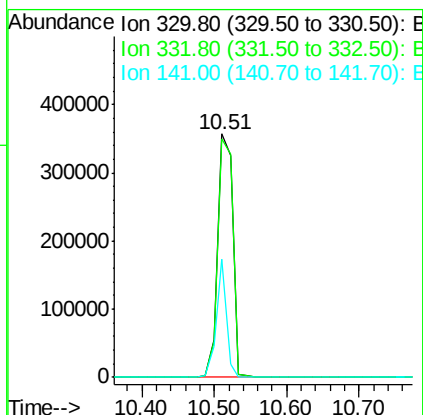
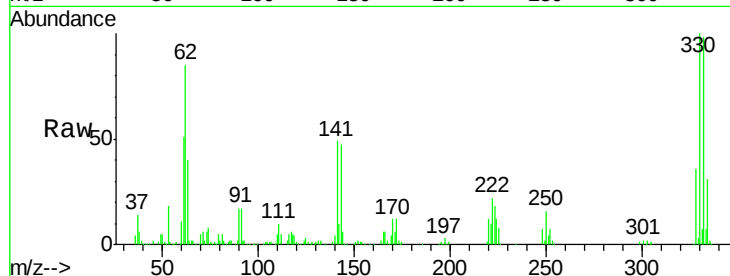




#41
 2,4,6-Tribromophenol
 Concen: 139.75 ng
 RT: 10.51 min Scan# 737
 Delta R.T. -0.01 min
 Lab File: BF084813.D
 Acq: 4 Feb 2016 4:36

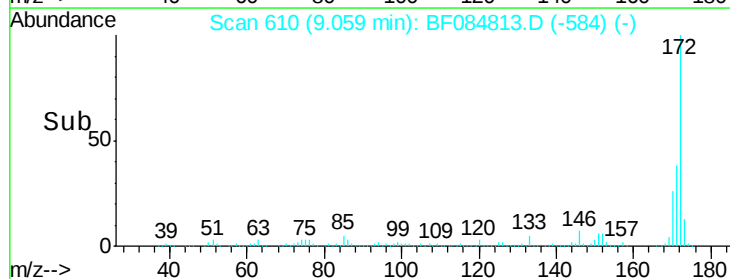
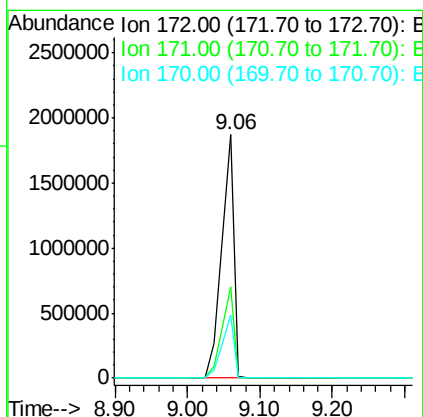
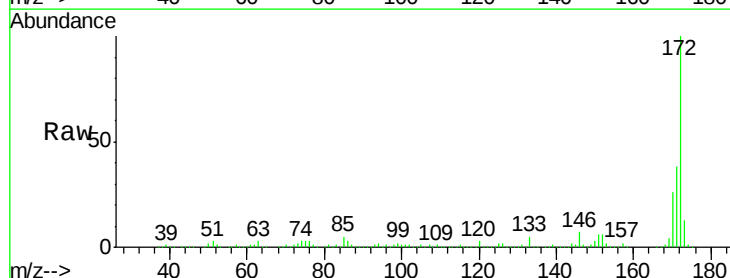
Instrument :
 BNA_F
 ClientSampleId :
 SUP-B005(34-36)

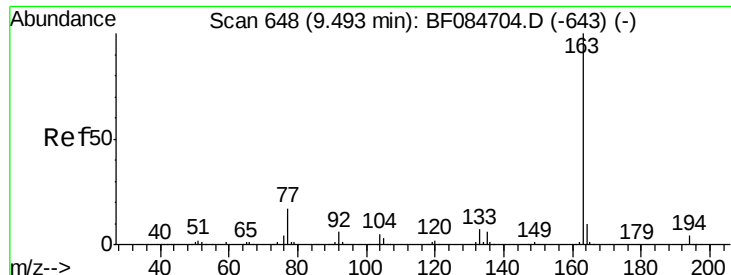
Tgt Ion:330 Resp: 516843
 Ion Ratio Lower Upper
 330 100
 332 99.2 76.6 114.8
 141 32.6 27.8 41.6



#44
 2-Fluorobiphenyl
 Concen: 120.97 ng
 RT: 9.06 min Scan# 610
 Delta R.T. 0.00 min
 Lab File: BF084813.D
 Acq: 4 Feb 2016 4:36

Tgt Ion:172 Resp: 2187775
 Ion Ratio Lower Upper
 172 100
 171 37.6 28.9 43.3
 170 25.8 18.6 27.8

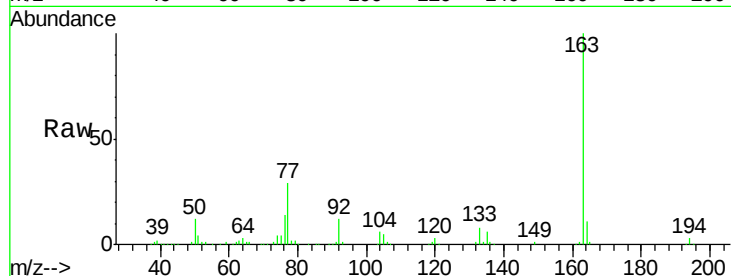




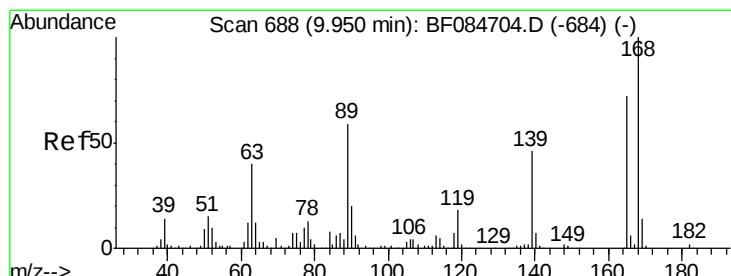
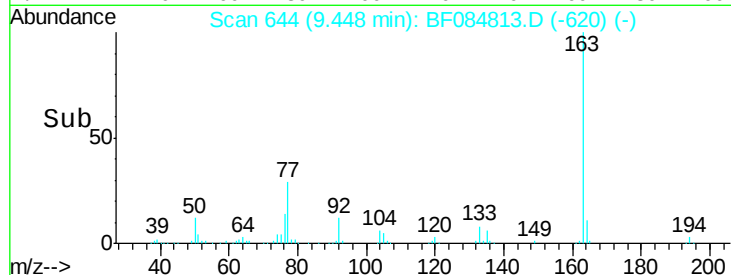
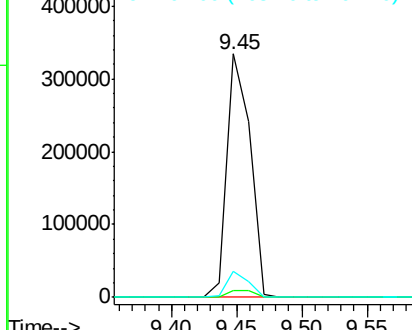
#49
Dimethylphthalate
Concen: 15.29 ng
RT: 9.45 min Scan# 644
Delta R.T. -0.02 min
Lab File: BF084813.D
Acq: 4 Feb 2016 4:36

Instrument :
BNA_F
ClientSampleId :
SUP-B005(34-36)

Tgt Ion:163 Resp: 412959
Ion Ratio Lower Upper
163 100
194 2.6 8.0 12.0#
164 10.8 8.0 12.0

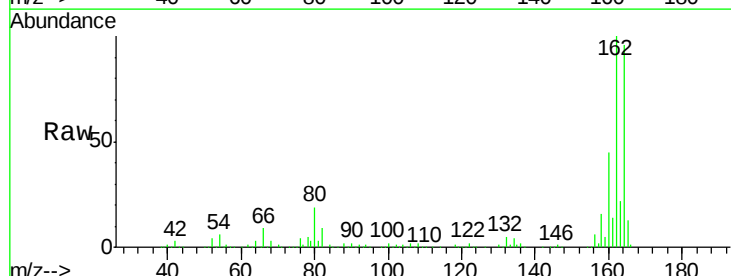


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

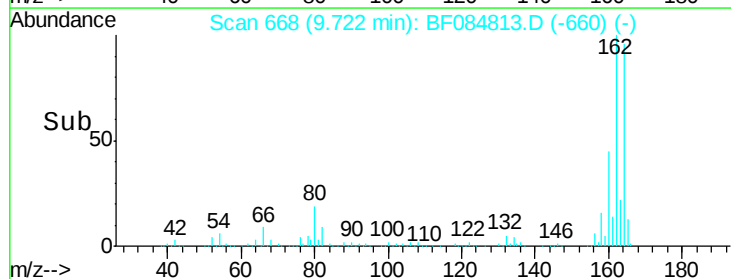
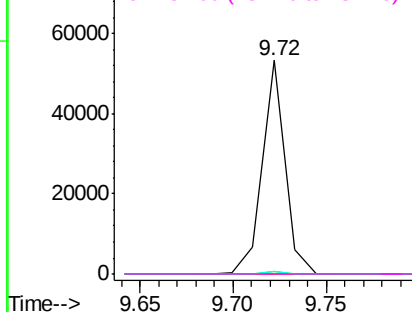


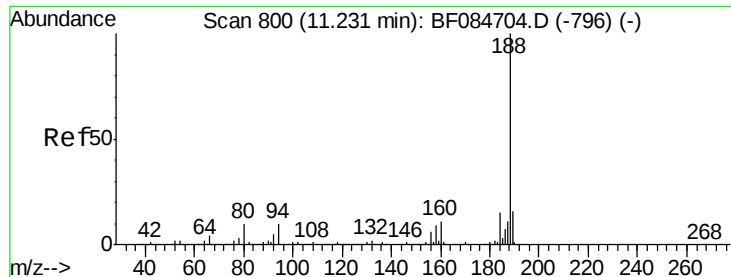
#56
2,4-Dinitrotoluene
Concen: 6.04 ng
RT: 9.72 min Scan# 668
Delta R.T. -0.21 min
Lab File: BF084813.D
Acq: 4 Feb 2016 4:36

Tgt Ion:165 Resp: 45448
Ion Ratio Lower Upper
165 100
63 1.2 36.7 55.1#
89 1.4 61.9 92.9#
182 0.0 2.0 3.0#



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

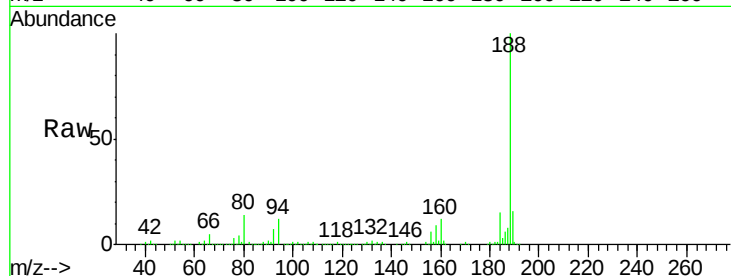




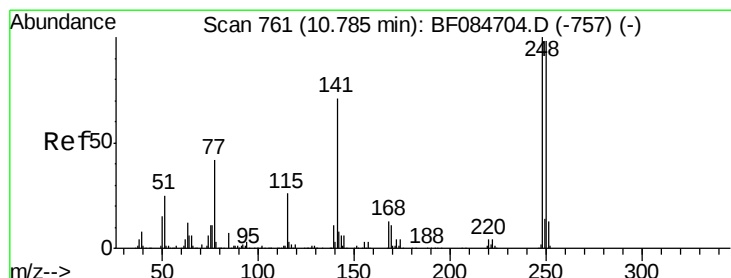
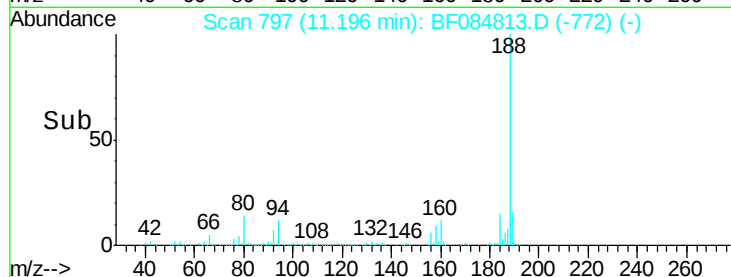
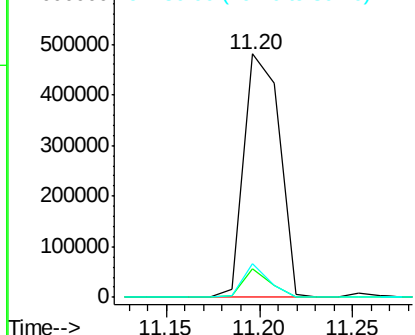
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.20 min Scan# 797
Delta R.T. -0.01 min
Lab File: BF084813.D
Acq: 4 Feb 2016 4:36

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Tgt Ion:188 Resp: 637257
Ion Ratio Lower Upper
188 100
94 11.6 9.0 13.4
80 13.6 9.6 14.4

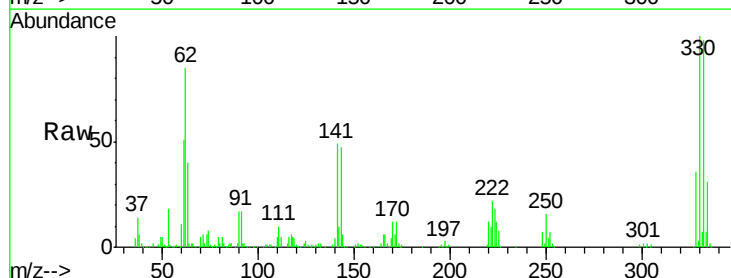


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

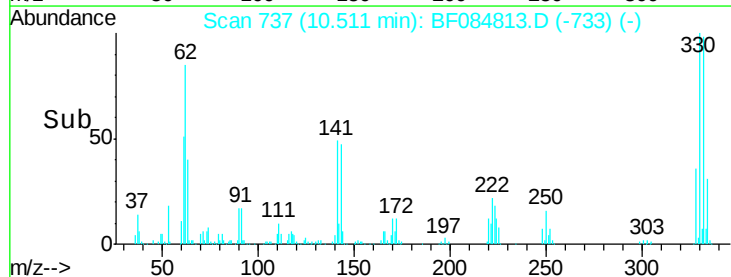
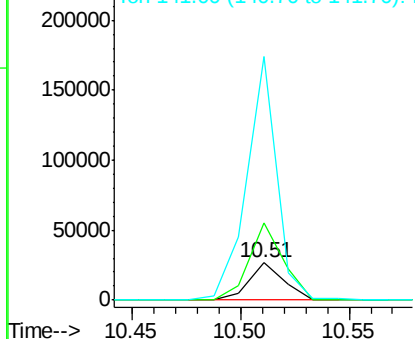


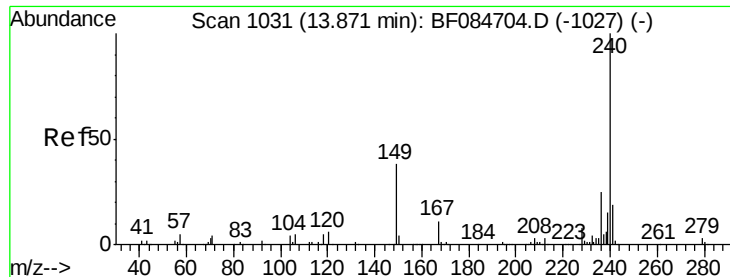
#66
4-Bromophenyl-phenylether
Concen: 4.28 ng
RT: 10.51 min Scan# 737
Delta R.T. -0.25 min
Lab File: BF084813.D
Acq: 4 Feb 2016 4:36

Tgt Ion:248 Resp: 30138
Ion Ratio Lower Upper
248 100
250 209.0 78.4 117.6#
141 653.6 44.0 66.0#



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.83 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BF084813.D

Acq: 4 Feb 2016 4:36

Instrument :

BNA_F

ClientSampleId :

SUP-B005(34-36)

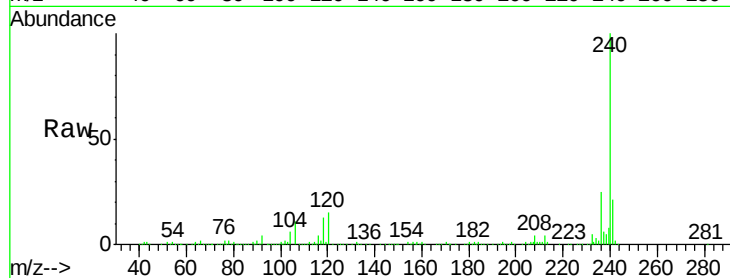
Tgt Ion:240 Resp: 480539

Ion Ratio Lower Upper

240 100

120 14.6 9.5 14.3#

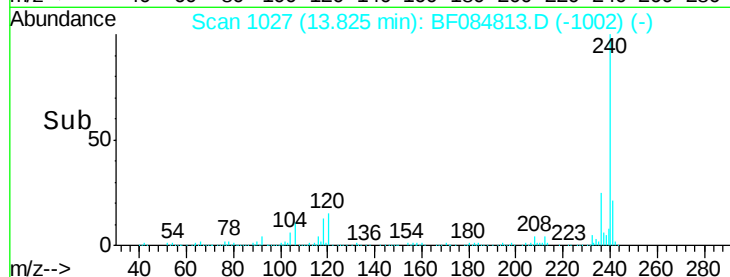
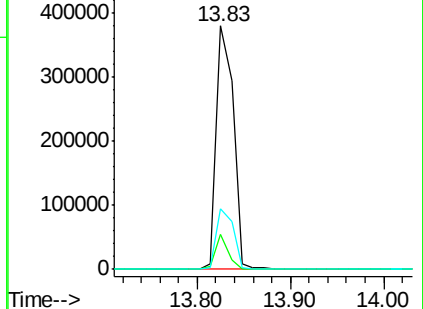
236 25.1 20.6 31.0



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: 83.50 ng

RT: 12.80 min Scan# 937

Delta R.T. 0.00 min

Lab File: BF084813.D

Acq: 4 Feb 2016 4:36

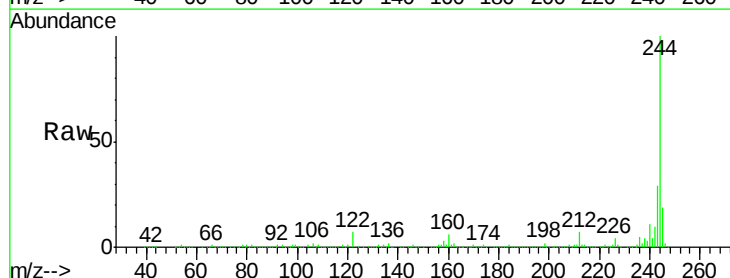
Tgt Ion:244 Resp: 1770745

Ion Ratio Lower Upper

244 100

212 6.9 5.7 8.5

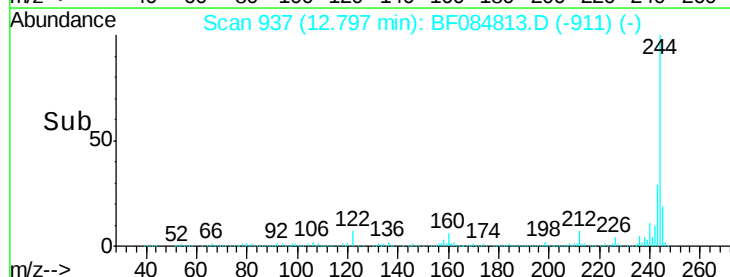
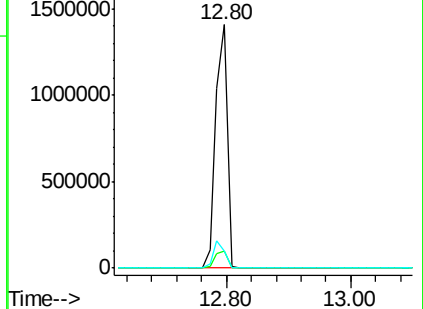
122 7.0 7.4 11.0#

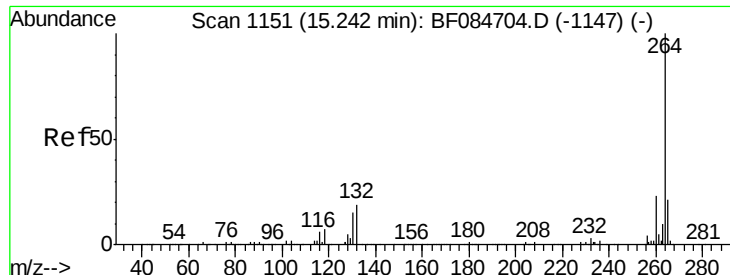


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

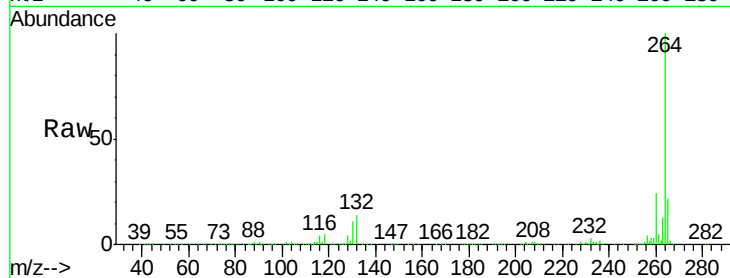




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.21 min Scan# 1148
Delta R.T. 0.00 min
Lab File: BF084813.D
Acq: 4 Feb 2016 4:36

Instrument :
BNA_F
ClientSampleId :
SUP-B005(34-36)

Tgt Ion:264 Resp: 360516
Ion Ratio Lower Upper
264 100
260 23.8 19.4 29.2
265 21.7 17.8 26.6



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

