

Data Path : Z:\HPCHEM1\BNA F\DATA\BF103117\
 Data File : BF100036.D
 Acq On : 1 Nov 2017 9:01
 Operator : SJ/JU
 Sample : I6094-07
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 01 11:07:06 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 31 16:51:57 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	84187	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	338576	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	159804	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	277527	20.00	ng	0.00
75) Chrysene-d12	13.98	240	168123	20.00	ng	0.00
86) Perylene-d12	15.47	264	149406	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.43	112	626980	116.92	ng	0.02
7) Phenol-d6	6.43	99	683511	107.50	ng	0.00
23) Nitrobenzene-d5	7.36	82	473884	90.11	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	194402	133.49	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	967143	93.37	ng	0.00
78) Terphenyl-d14	12.91	244	847700	110.19	ng	0.00

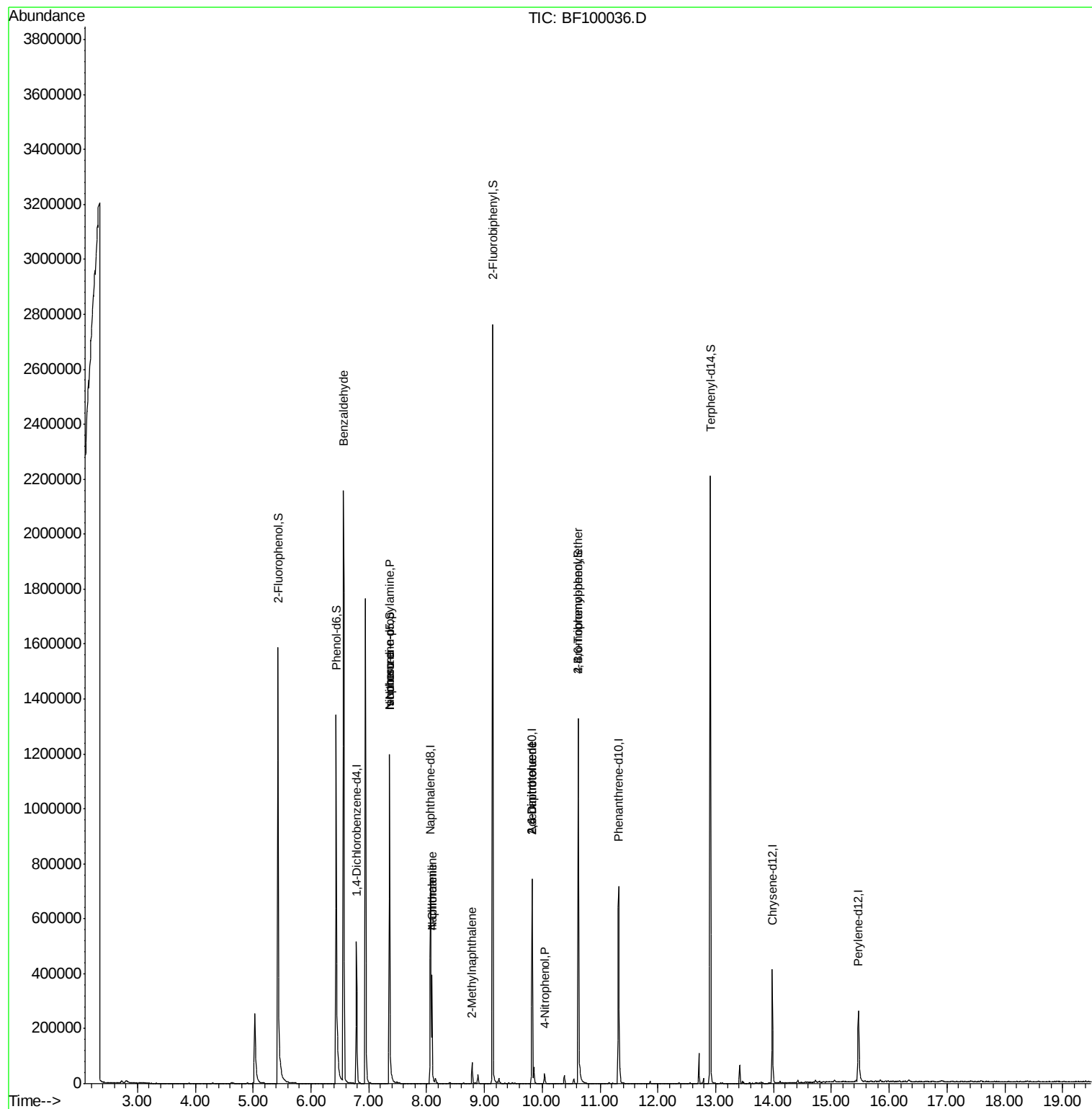
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.56	77	11668	3.071	ng	88
19) n-Nitroso-di-n-propylamine	7.36	70	59505	15.970	ng	# 70
25) Isophorone	7.36	82	473884	49.659	ng	# 64
31) Naphthalene	8.09	128	217175	13.288	ng	97
33) 4-Chloroaniline	8.09	127	27313	4.047	ng	# 36
37) 2-Methylnaphthalene	8.79	142	25146	2.296	ng	96
50) 2,6-Dinitrotoluene	9.82	165	20303	7.632	ng	# 25
55) 4-Nitrophenol	10.04	139	6878	4.199	ng	# 9
56) 2,4-Dinitrotoluene	9.82	165	20303	6.337	ng	# 22
66) 4-Bromophenyl-phenylether	10.62	248	12008	4.110	ng	# 1

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

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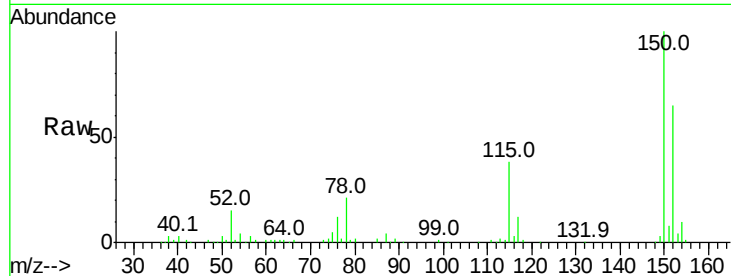


#1

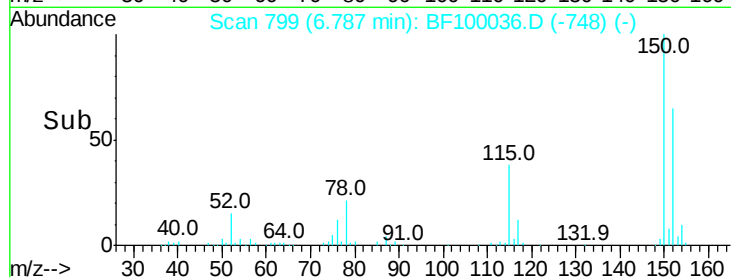
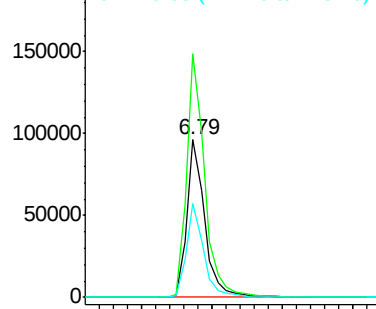
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. 0.00 min
Lab File: BF100036.D
Acq: 1 Nov 2017 9:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 84187
Ion Ratio Lower Upper
152 100
150 154.7 124.6 186.8
115 59.5 50.1 75.1



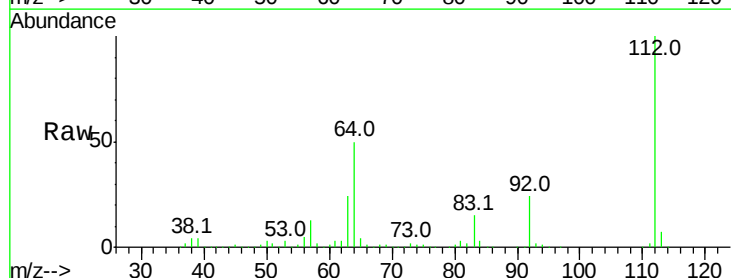
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



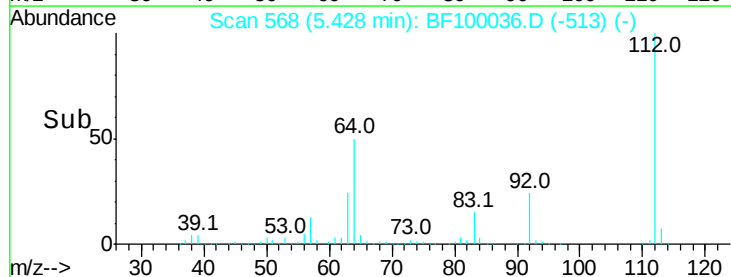
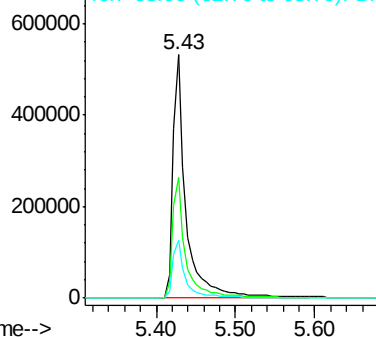
#5

2-Fluorophenol
Concen: 116.923 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.02 min
Lab File: BF100036.D
Acq: 1 Nov 2017 9:01

Tgt Ion:112 Resp: 626980
Ion Ratio Lower Upper
112 100
64 49.6 47.9 71.9
63 23.6 23.7 35.5#



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 107.500 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.00 min

Lab File: BF100036.D

Acq: 1 Nov 2017 9:01

Instrument :

BNA_F

ClientSampleId :

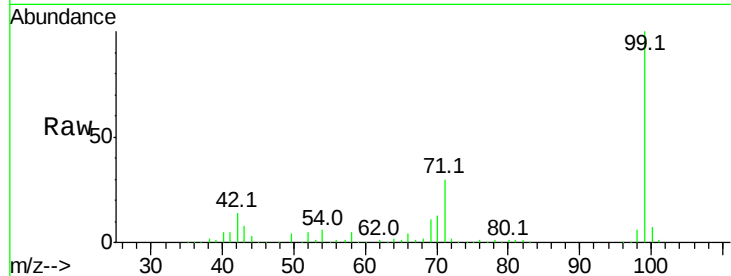
Tot Ion: 99 Resp: 683511

Ion Ratio Lower Upper

99 100

42 13.8 14.5 21.7#

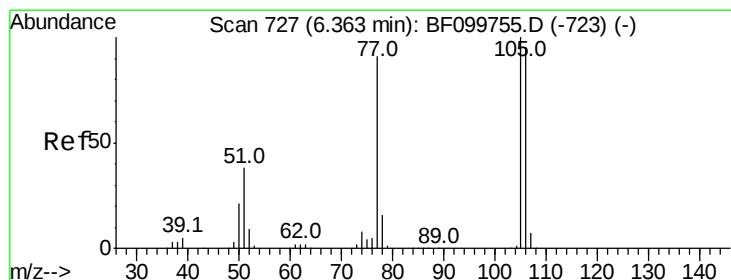
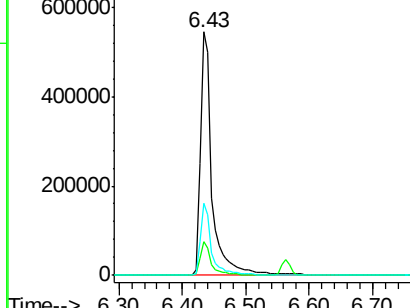
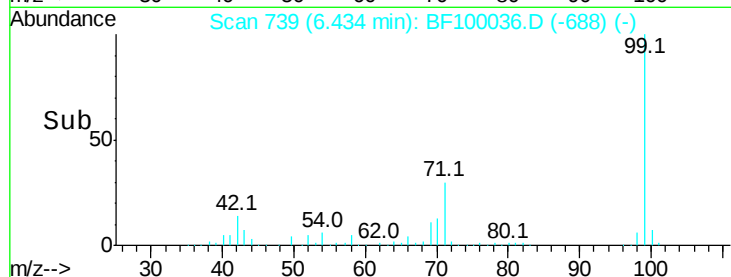
71 29.5 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#9

Benzaldehyde

Concen: 3.071 ng

RT: 6.56 min Scan# 761

Delta R.T. 0.21 min

Lab File: BF100036.D

Acq: 1 Nov 2017 9:01

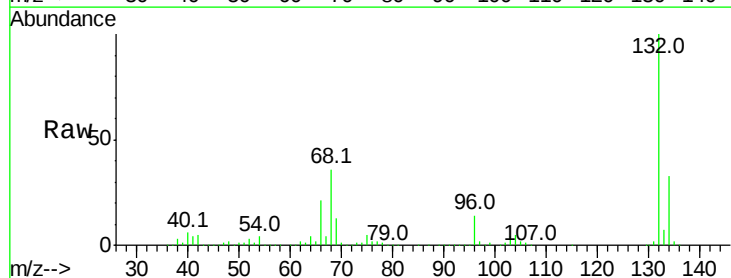
Tgt Ion: 77 Resp: 11668

Ion Ratio Lower Upper

77 100

105 88.3 81.1 121.1

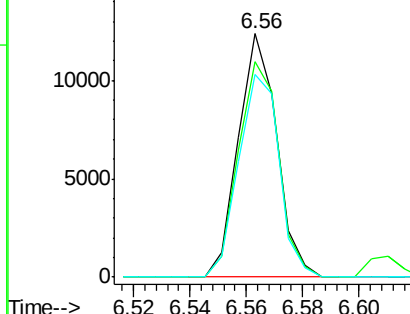
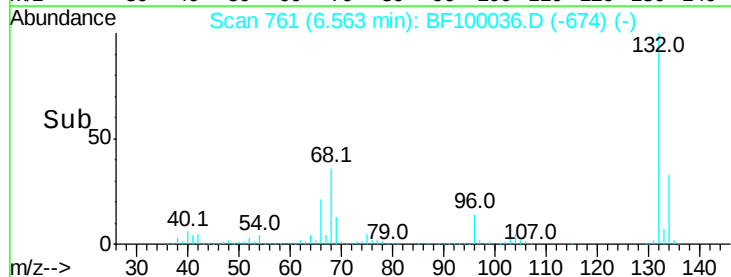
106 83.5 74.5 114.5

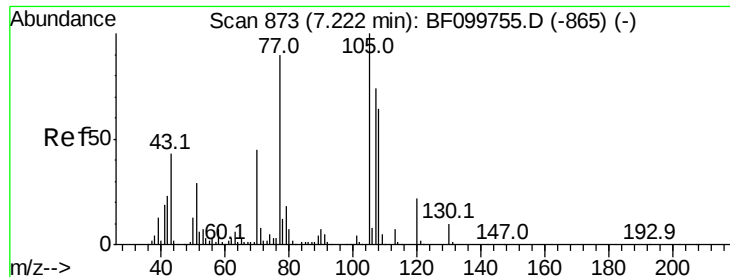


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1

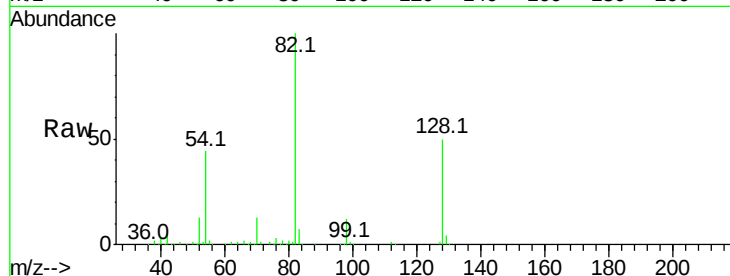




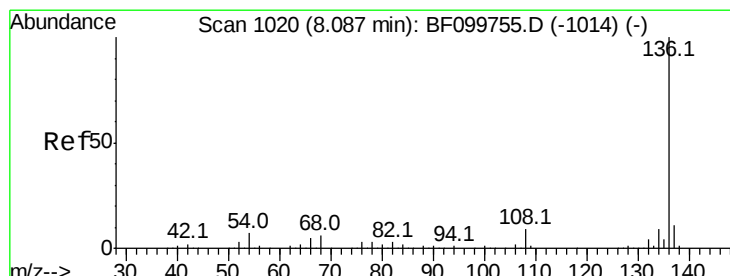
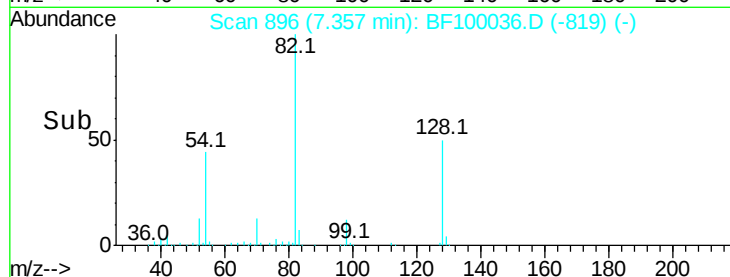
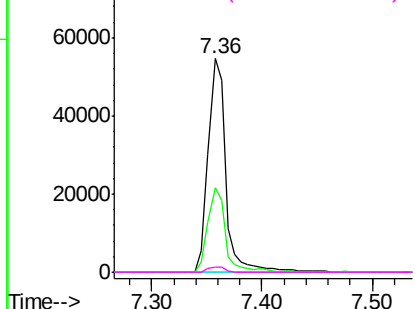
#19
n-Nitroso-di-n-propylamine
Concen: 15.970 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.15 min
Lab File: BF100036.D
Acq: 1 Nov 2017 9:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 59505
Ion Ratio Lower Upper
70 100
42 39.4 47.5 71.3#
101 0.0 7.4 11.2#
130 2.3 16.6 25.0#

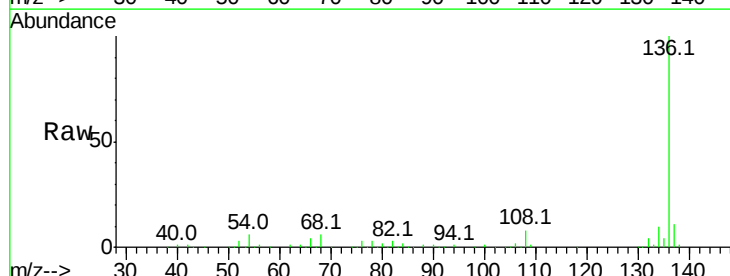


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

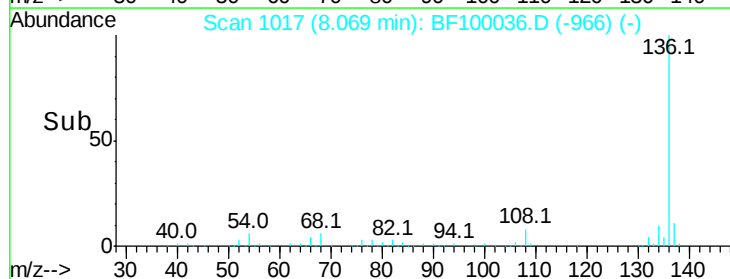
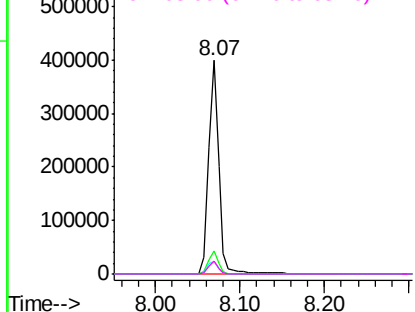


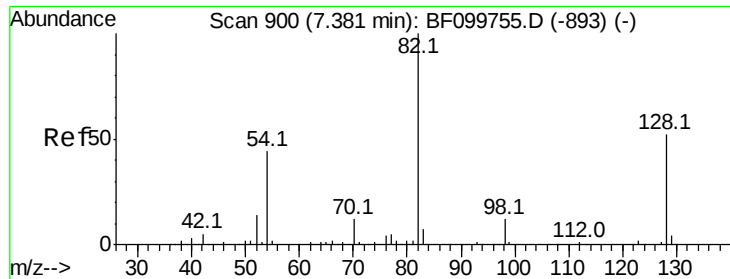
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BF100036.D
Acq: 1 Nov 2017 9:01

Tgt Ion:136 Resp: 338576
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 6.3 6.6 9.8#
68 5.9 5.0 7.4



Abundance Ion 136.00 (135.70 to 136.70): BF1
Ion 137.00 (136.70 to 137.70): BF1
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

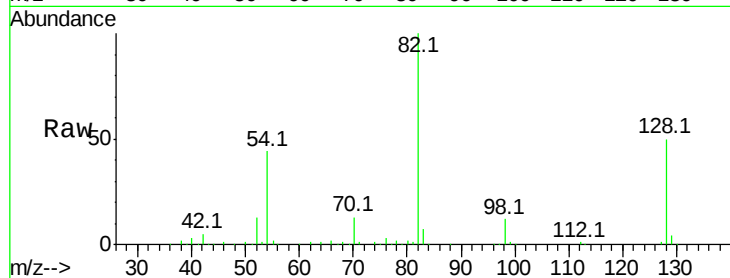




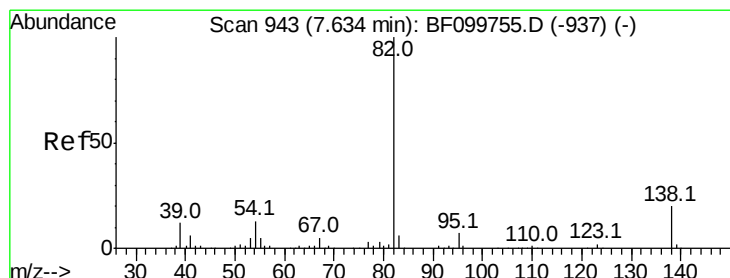
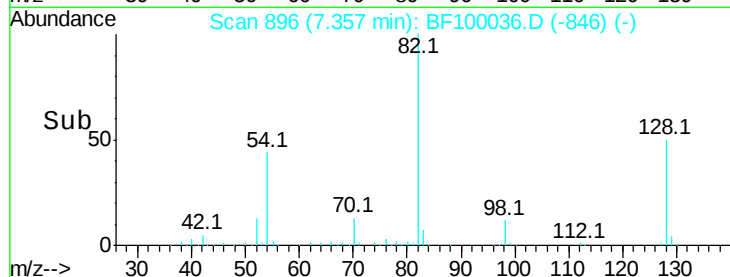
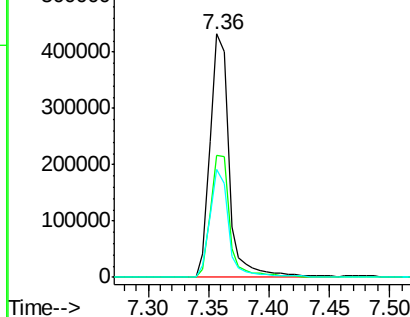
#23
 Nitrobenzene-d5
 Concen: 90.109 ng
 RT: 7.36 min Scan# 896
 Delta R.T. -0.01 min
 Lab File: BF100036.D
 Acq: 1 Nov 2017 9:01

Instrument :
 BNA_F
 ClientSampled :

Tot Ion: 82 Resp: 473884
 Ion Ratio Lower Upper
 82 100
 128 50.0 36.1 54.1
 54 44.1 41.4 62.2

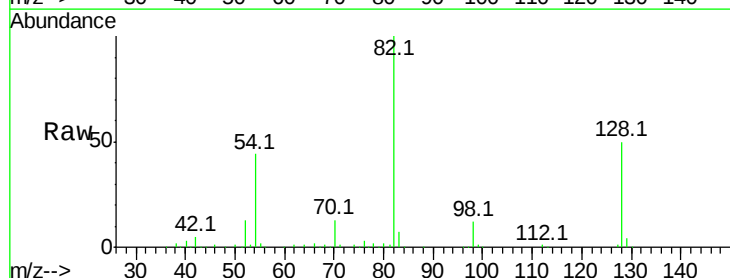


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

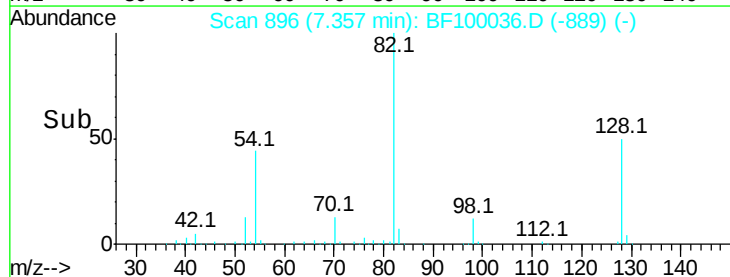
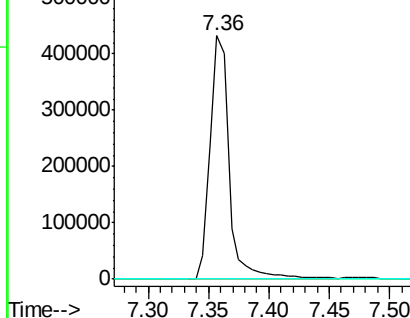


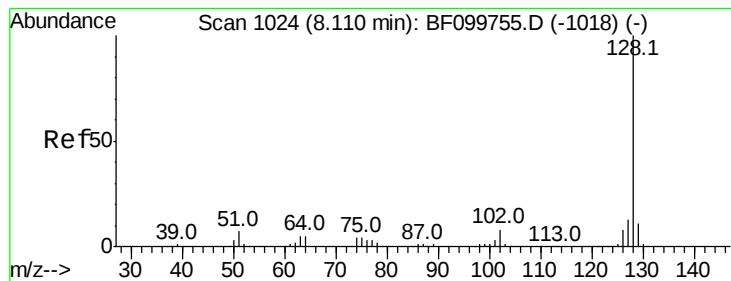
#25
 Isophorone
 Concen: 49.659 ng
 RT: 7.36 min Scan# 896
 Delta R.T. -0.26 min
 Lab File: BF100036.D
 Acq: 1 Nov 2017 9:01

Tgt Ion: 82 Resp: 473884
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.2 7.8#
 138 0.0 14.9 22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 95.00 (94.70 to 95.70): BF1
 Ion 138.00 (137.70 to 138.70): BF1





#31

Naphthalene

Concen: 13.288 ng

RT: 8.09 min Scan# 1021

Delta R.T. 0.00 min

Lab File: BF100036.D

Acq: 1 Nov 2017 9:01

Instrument :

BNA_F

ClientSampleId :

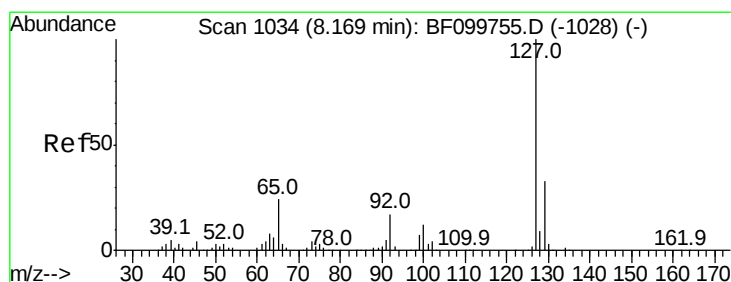
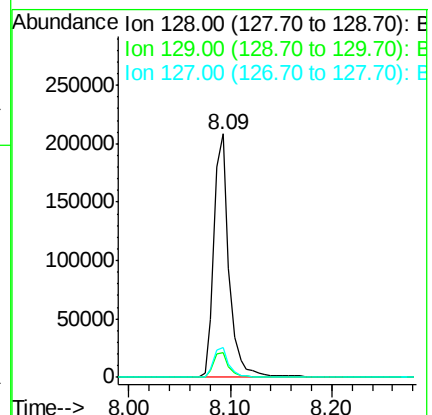
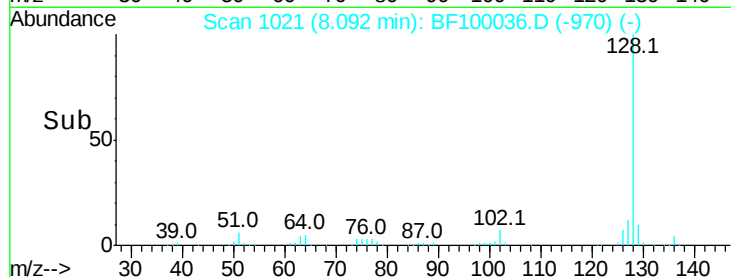
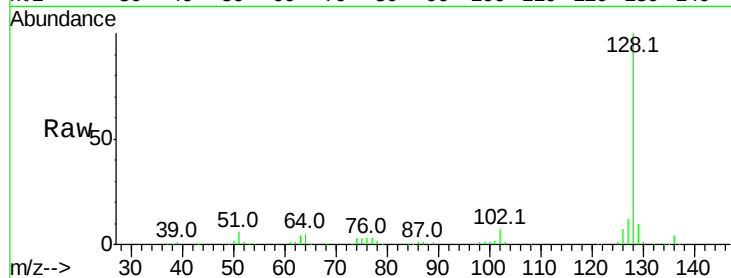
Tot Ion:128 Resp: 217175

Ion Ratio Lower Upper

128 100

129 10.1 8.8 13.2

127 12.4 10.9 16.3



#33

4-Chloroaniline

Concen: 4.047 ng

RT: 8.09 min Scan# 1021

Delta R.T. -0.06 min

Lab File: BF100036.D

Acq: 1 Nov 2017 9:01

Tgt Ion:127 Resp: 27313

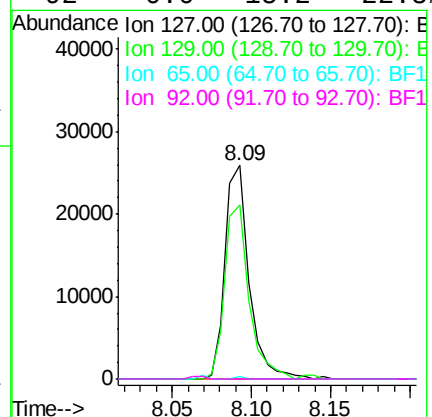
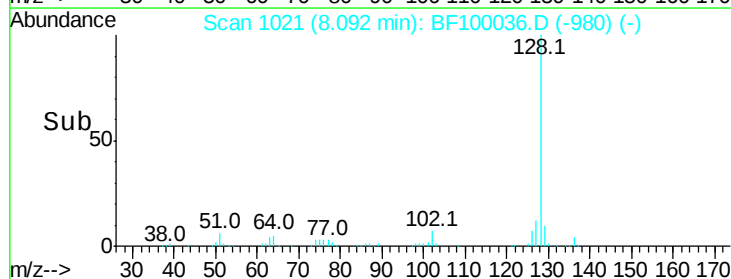
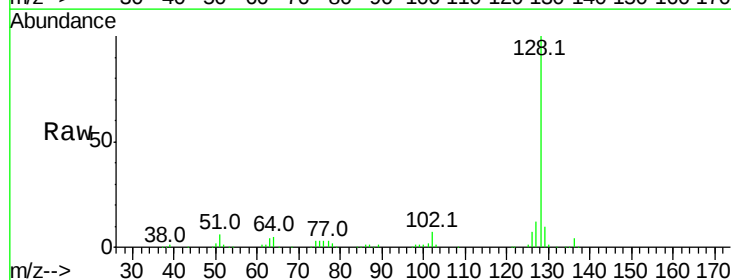
Ion Ratio Lower Upper

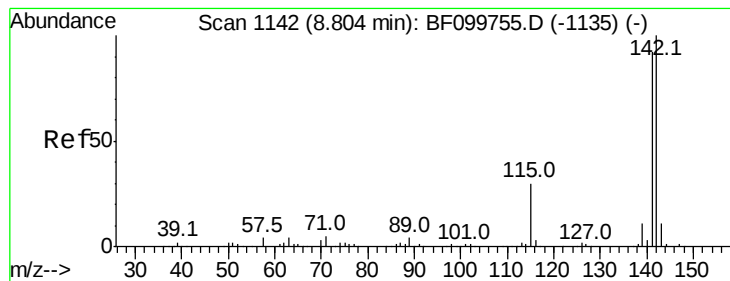
127 100

129 81.4 25.9 38.9#

65 1.5 25.0 37.4#

92 0.0 15.2 22.8#





#37

2-Methylnaphthalene

Concen: 2.296 ng

RT: 8.79 min Scan# 1139

Delta R.T. 0.01 min

Lab File: BF100036.D

Acq: 1 Nov 2017 9:01

Instrument :

BNA_F

ClientSampleId :

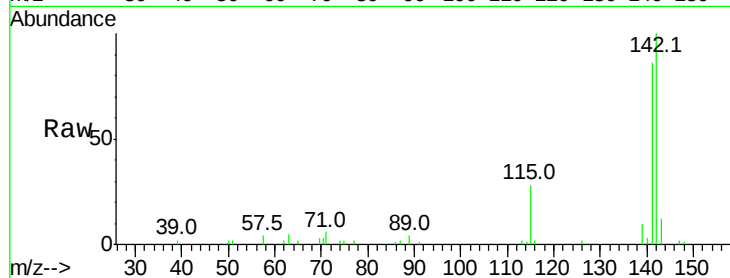
Tot Ion:142 Resp: 25146

Ion Ratio Lower Upper

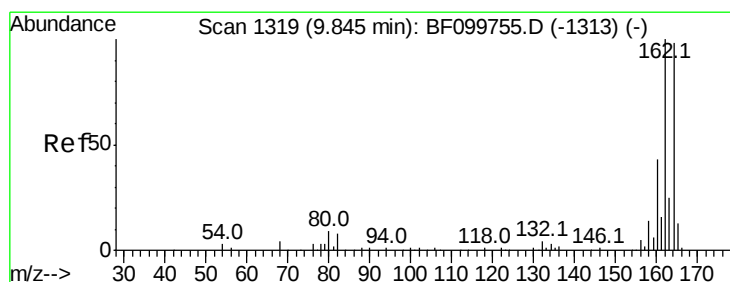
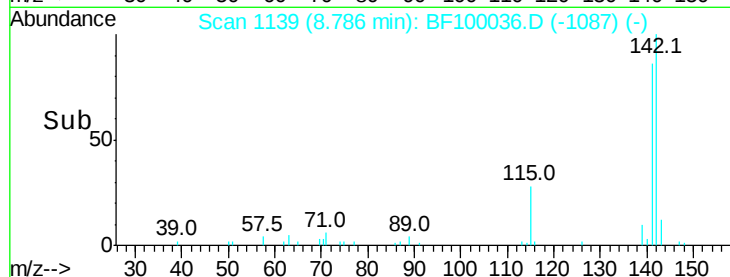
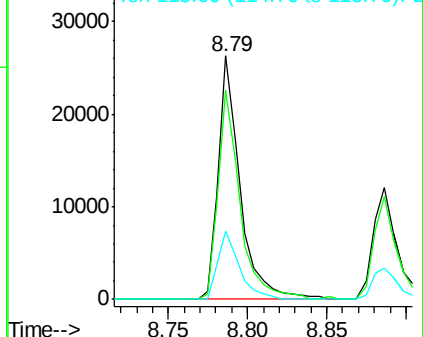
142 100

141 85.8 70.8 106.2

115 28.1 26.1 39.1



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.82 min Scan# 1315

Delta R.T. -0.01 min

Lab File: BF100036.D

Acq: 1 Nov 2017 9:01

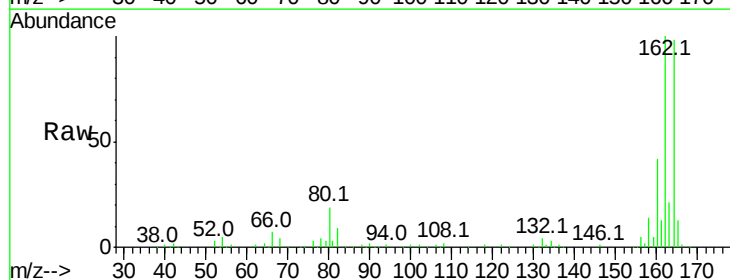
Tgt Ion:164 Resp: 159804

Ion Ratio Lower Upper

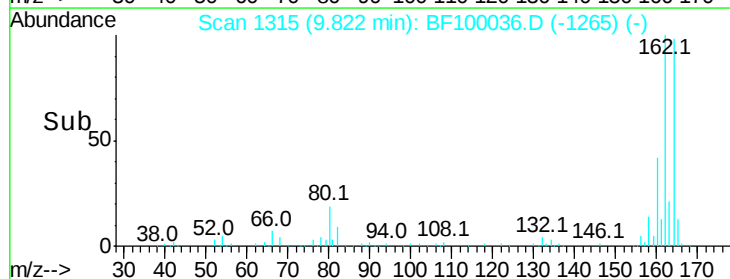
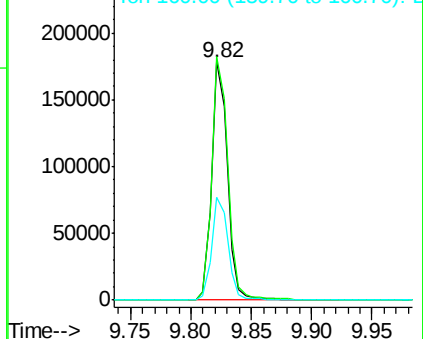
164 100

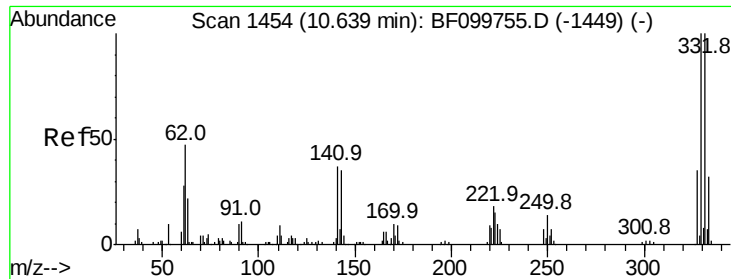
162 102.3 86.1 129.1

160 43.4 38.3 57.5



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

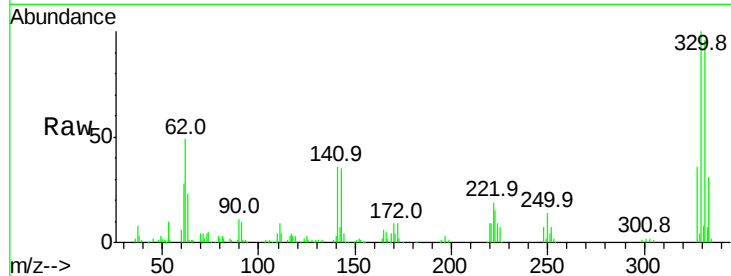




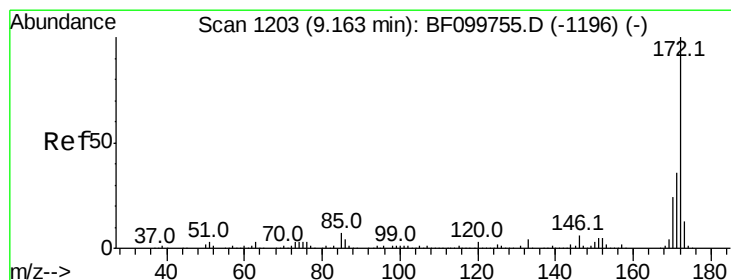
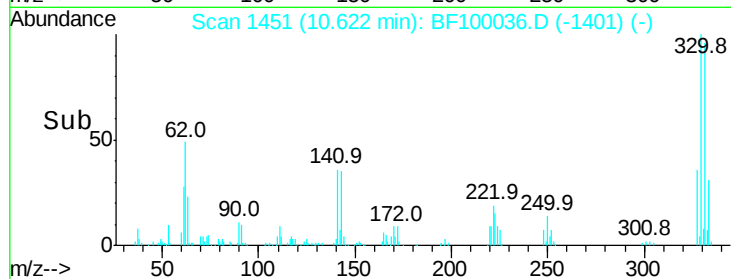
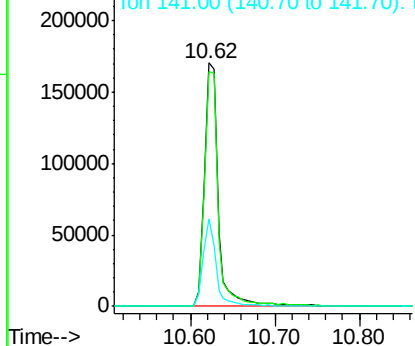
#41
 2,4,6-Tribromophenol
 Concen: 133.488 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.01 min
 Lab File: BF100036.D
 Acq: 1 Nov 2017 9:01

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 194402
 Ion Ratio Lower Upper
 330 100
 332 96.8 77.0 115.6
 141 33.5 29.9 44.9

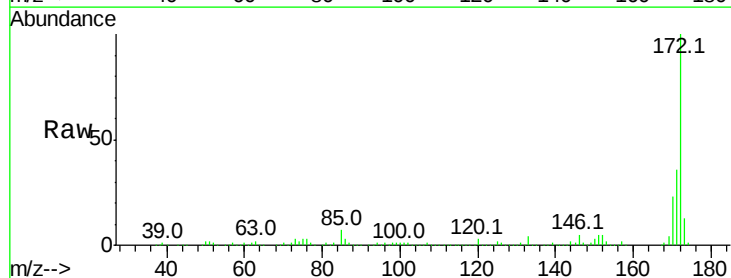


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

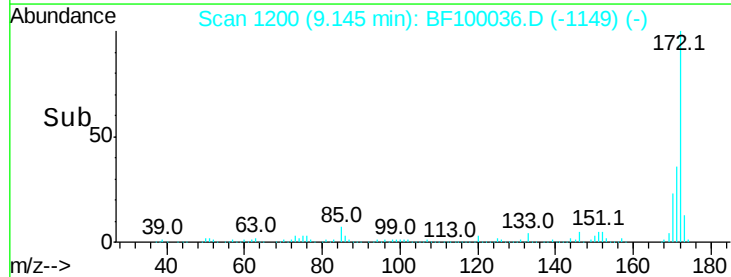
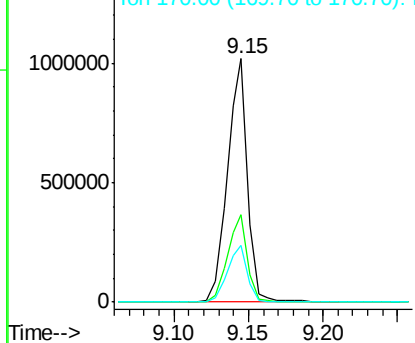


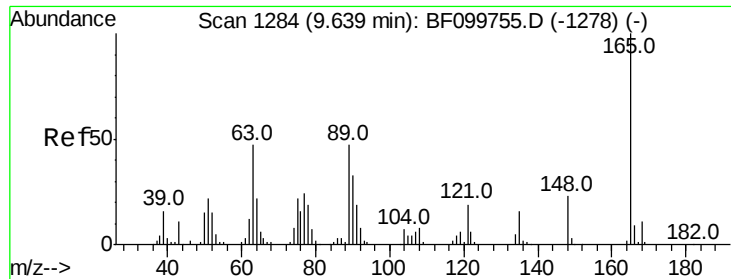
#44
 2-Fluorobiphenyl
 Concen: 93.374 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. 0.00 min
 Lab File: BF100036.D
 Acq: 1 Nov 2017 9:01

Tgt Ion:172 Resp: 967143
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.7 44.5
 170 23.3 19.6 29.4



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

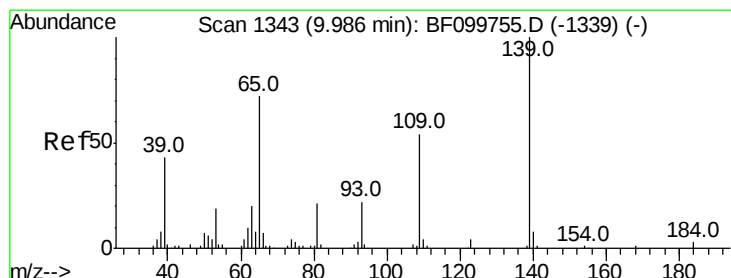
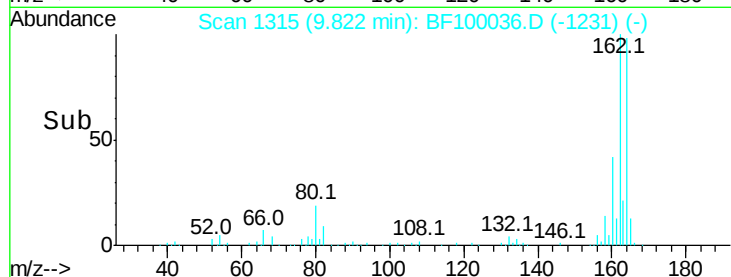
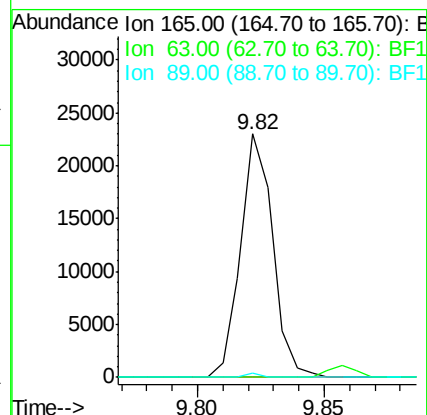
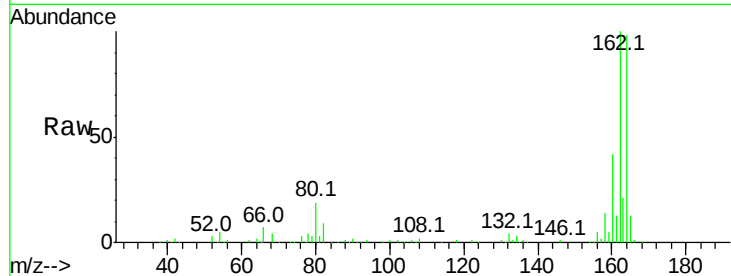




#50
 2,6-Dinitrotoluene
 Concen: 7.632 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. 0.19 min
 Lab File: BF100036.D
 Acq: 1 Nov 2017 9:01

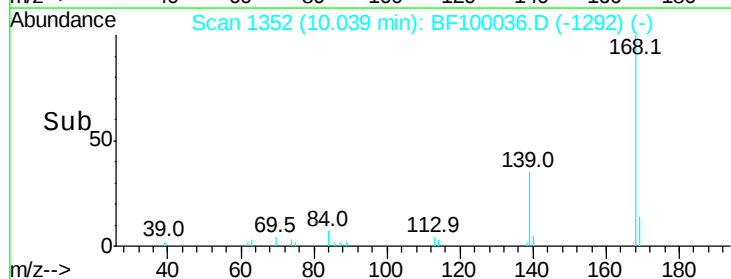
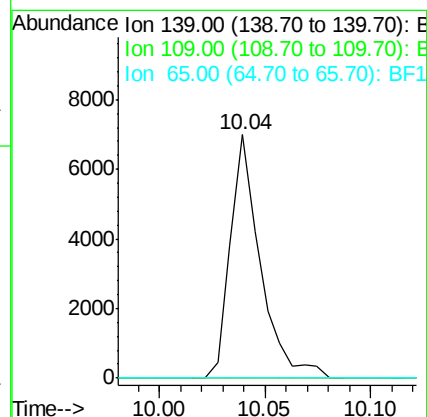
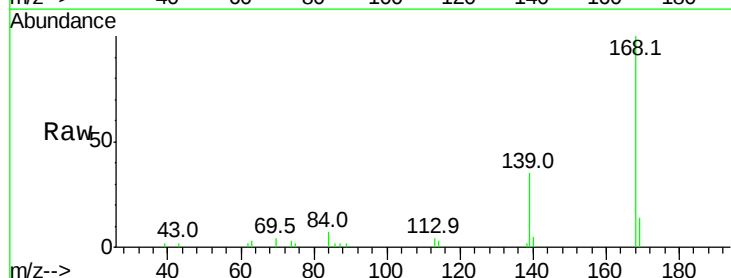
Instrument :
 BNA_F
 ClientSampleId :

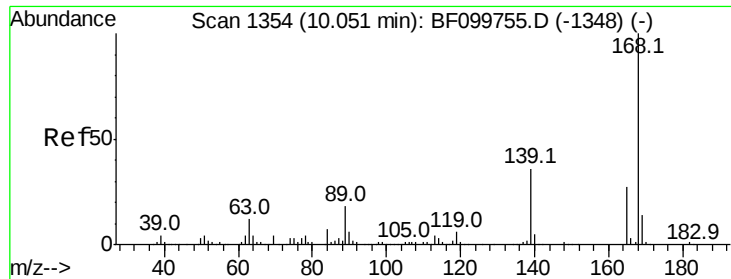
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	1.5	44.0	66.0#



#55
 4-Nitrophenol
 Concen: 4.199 ng
 RT: 10.04 min Scan# 1352
 Delta R.T. 0.05 min
 Lab File: BF100036.D
 Acq: 1 Nov 2017 9:01

Tgt Ion	Ratio	Lower	Upper
139	100		
109	0.0	48.4	88.4#
65	0.0	72.6	112.6#

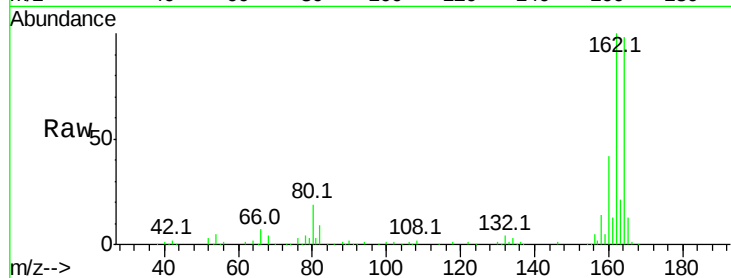




#56
 2,4-Dinitrotoluene
 Concen: 6.337 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. -0.22 min
 Lab File: BF100036.D
 Acq: 1 Nov 2017 9:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	165	Resp:	20303
Ion Ratio	Lower	Upper	
165	100		
63	0.0	36.4	54.6#
89	1.5	57.8	86.6#
182	0.0	1.6	2.4#

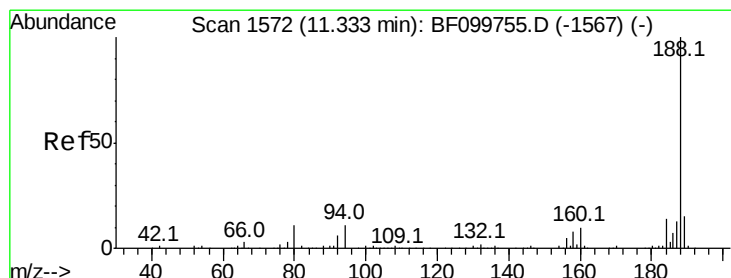
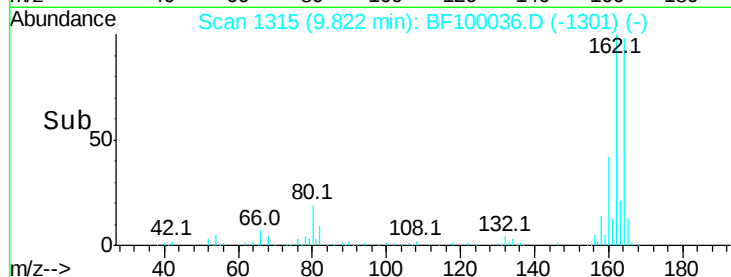
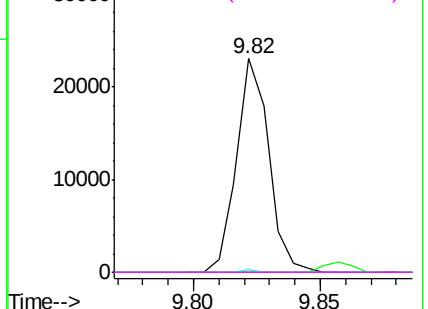


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

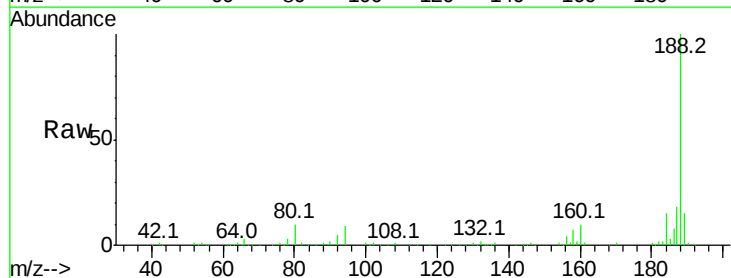
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.32 min Scan# 1570
 Delta R.T. 0.00 min
 Lab File: BF100036.D
 Acq: 1 Nov 2017 9:01

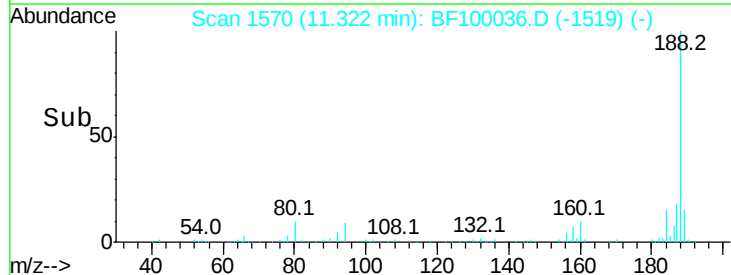
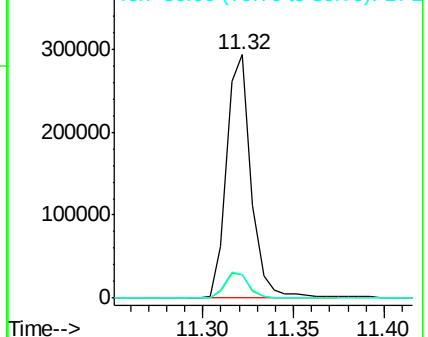
Tgt Ion:	188	Resp:	277527
Ion Ratio	Lower	Upper	
188	100		
94	9.5	8.5	12.7
80	9.5	9.2	13.8

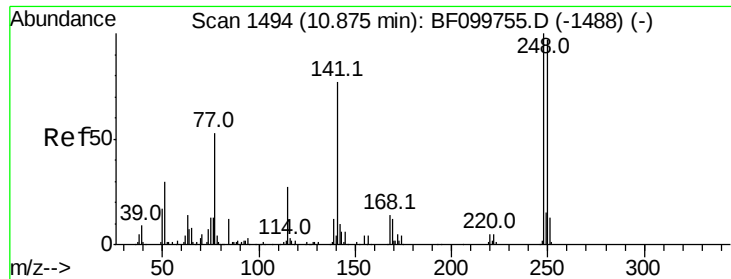


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

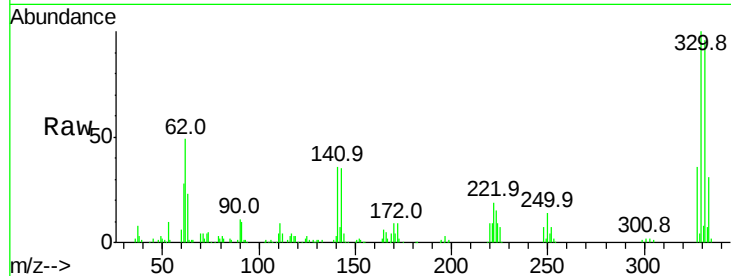




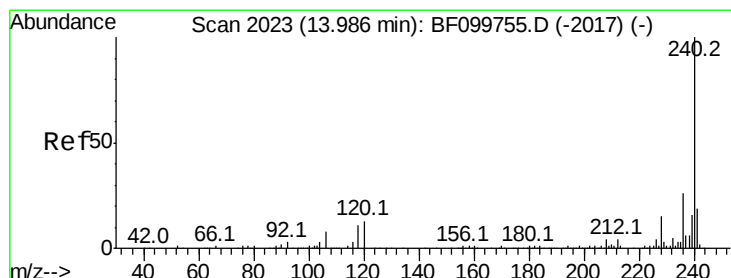
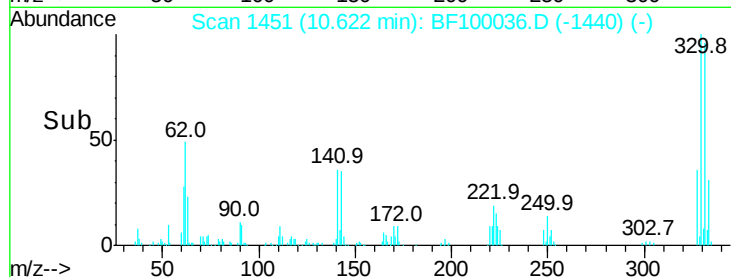
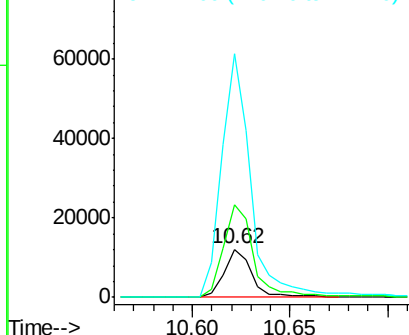
#66
 4-Bromophenyl-phenylether
 Concen: 4.110 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.24 min
 Lab File: BF100036.D
 Acq: 1 Nov 2017 9:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 12008
 Ion Ratio Lower Upper
 248 100
 250 193.1 76.9 115.3#
 141 505.0 74.4 111.6#

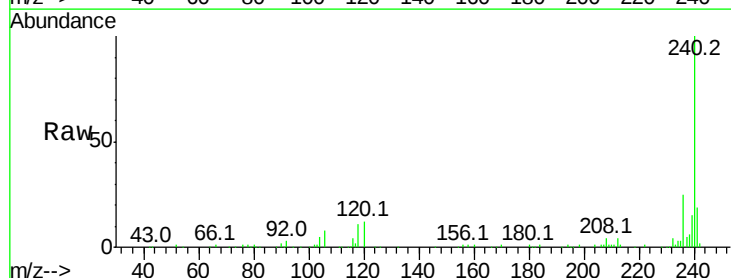


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

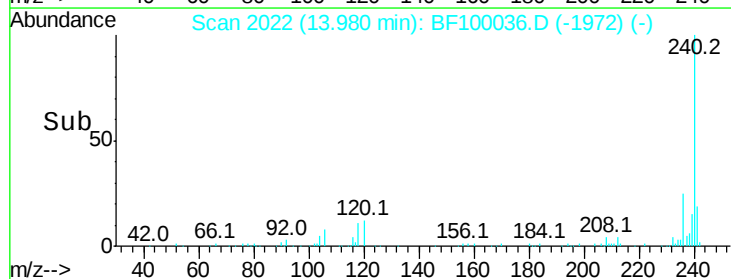
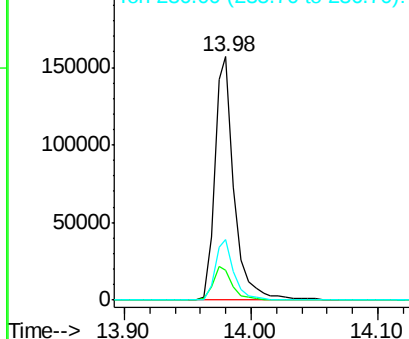


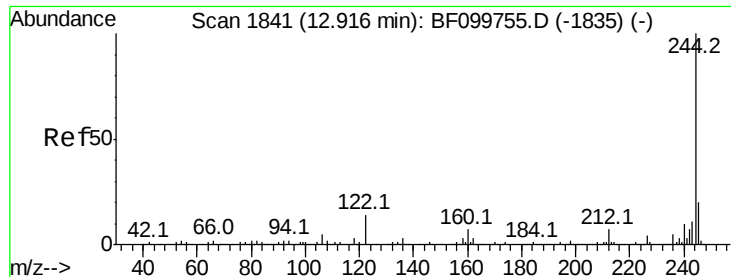
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. -0.01 min
 Lab File: BF100036.D
 Acq: 1 Nov 2017 9:01

Tgt Ion:240 Resp: 168123
 Ion Ratio Lower Upper
 240 100
 120 12.2 9.5 14.3
 236 24.6 20.7 31.1



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: 110.190 ng

RT: 12.91 min Scan# 1840

Delta R.T. 0.01 min

Lab File: BF100036.D

Acq: 1 Nov 2017 9:01

Instrument :

BNA_F

ClientSampled :

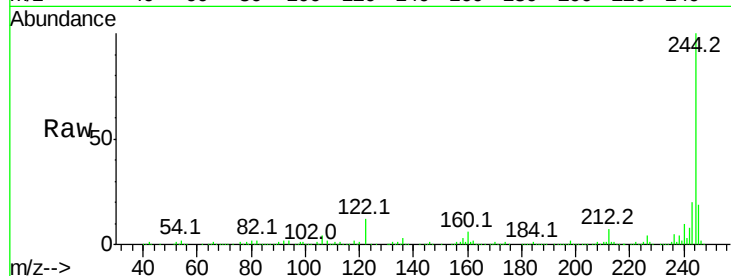
Tot Ion:244 Resp: 847700

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

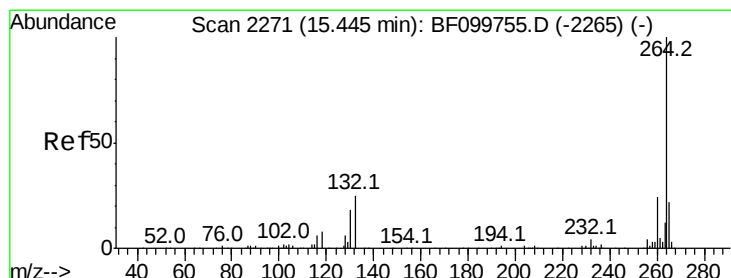
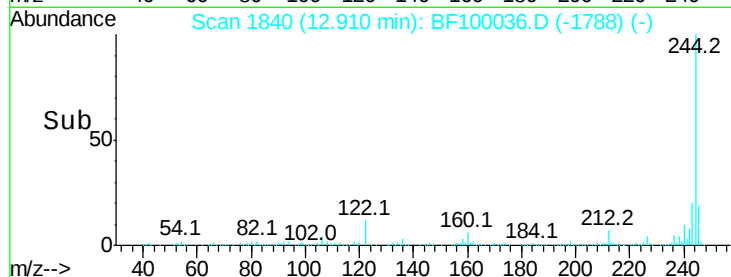
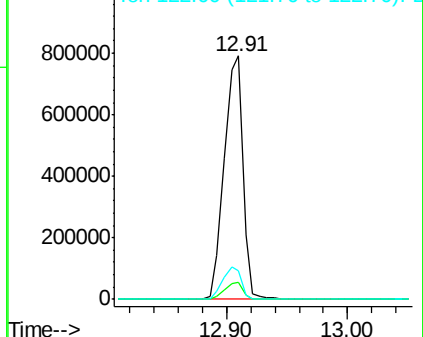
122 11.9 11.0 16.4



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: 20.000 ng

RT: 15.47 min Scan# 2275

Delta R.T. -0.01 min

Lab File: BF100036.D

Acq: 1 Nov 2017 9:01

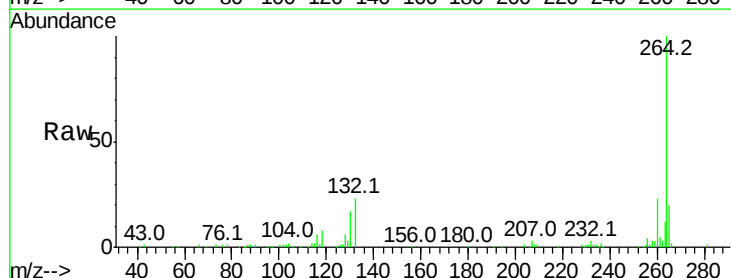
Tgt Ion:264 Resp: 149406

Ion Ratio Lower Upper

264 100

260 23.2 19.2 28.8

265 20.3 17.5 26.3



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

