

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111318\
 Data File : BF110753.D
 Acq On : 14 Nov 2018 7:24
 Operator : JU/SJ
 Sample : J5916-14
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 110918-TIPC-F-D-S

Quant Time: Nov 14 09:52:12 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 12:43:10 2018
 Response via : Initial Calibration

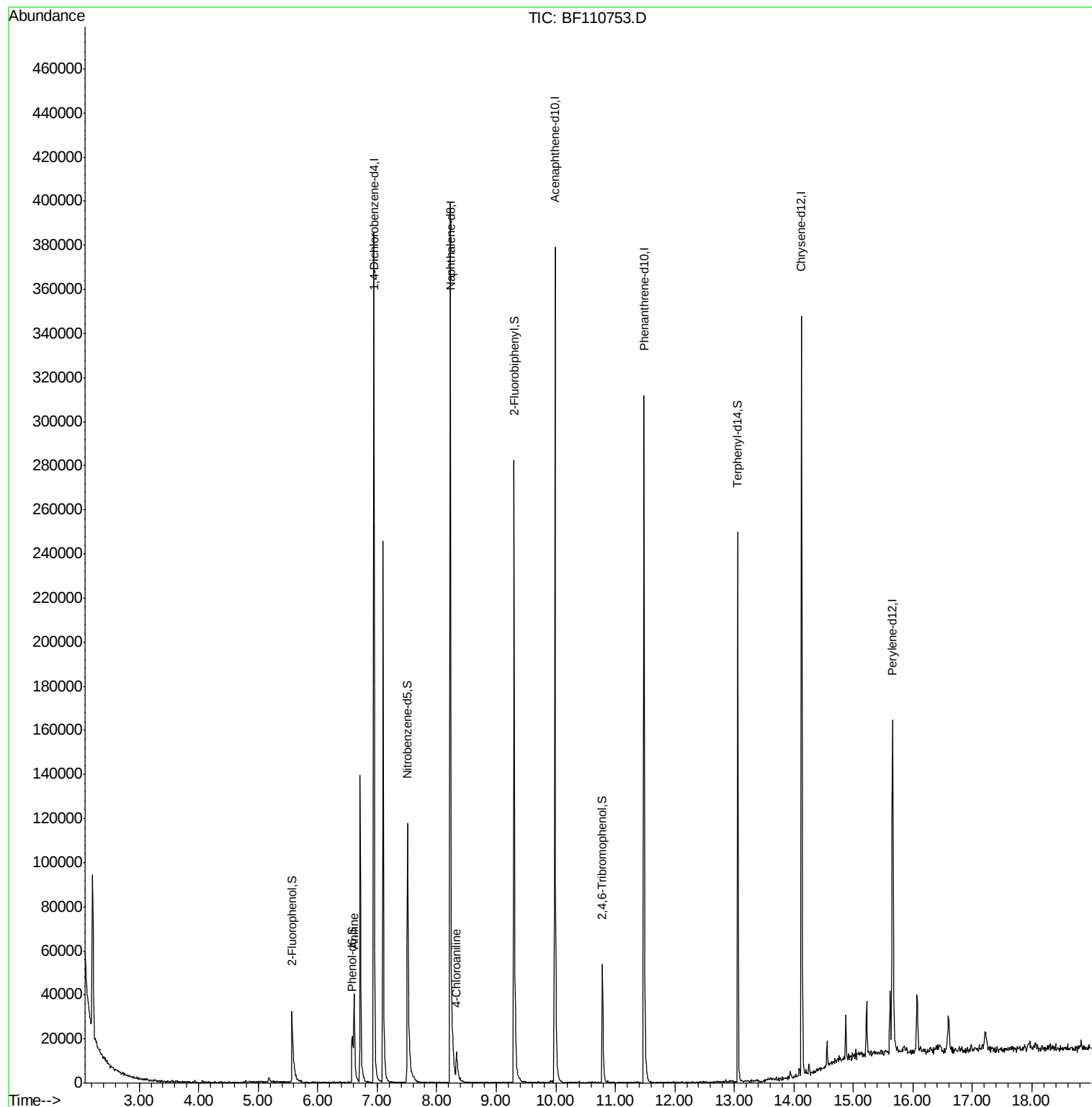
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	65147	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	249667	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	93113	20.00	ng	0.00
64) Phenanthrene-d10	11.48	188	156318	20.00	ng	0.00
76) Chrysene-d12	14.13	240	138941	20.00	ng	-0.01
87) Perylene-d12	15.66	264	89225	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	23262	5.80	ng	0.00
7) Phenol-d6	6.58	99	18863	3.68	ng	0.00
23) Nitrobenzene-d5	7.51	82	65557	15.12	ng	0.00
42) 2,4,6-Tribromophenol	10.79	330	10825	11.54	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	121306	18.61	ng	0.00
79) Terphenyl-d14	13.06	244	91815	12.38	ng	-0.01
Target Compounds						
6) Aniline	6.61	93	16556	2.475	ng	Qvalue # 56
33) 4-Chloroaniline	8.34	127	11436	2.154	ng	# 90

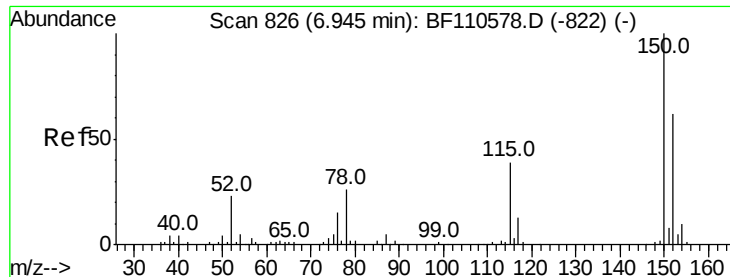
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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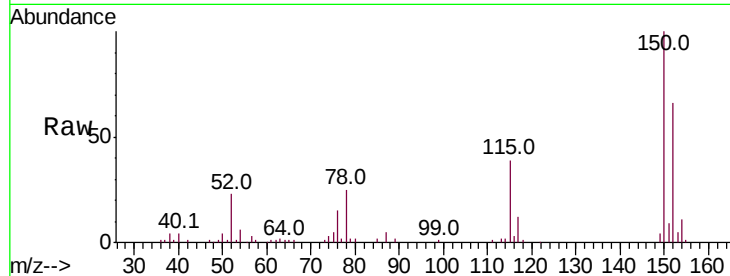


#1

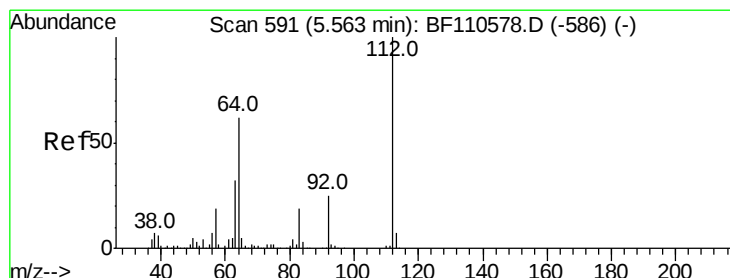
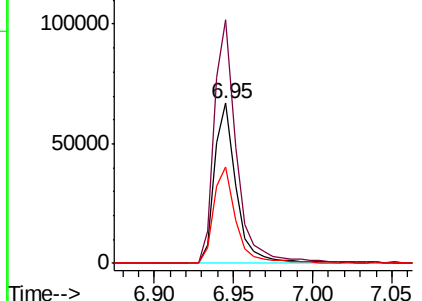
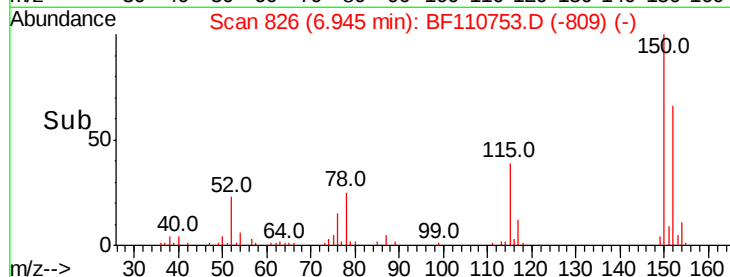
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF110753.D
Acq: 14 Nov 2018 7:24

Instrument :
BNA_F
ClientSampleId :
110918-TIPC-F-D-S

Tot Ion:152 Resp: 65147
Ion Ratio Lower Upper
152 100
150 152.2 122.7 184.1
115 60.0 49.1 73.7



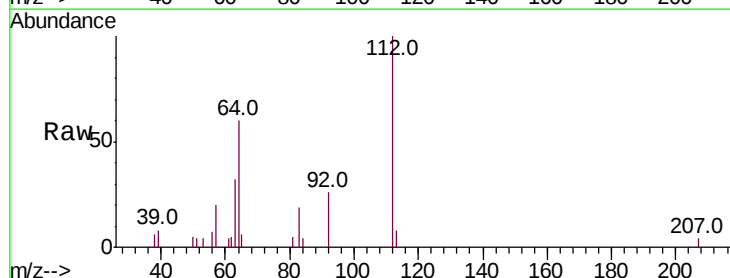
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



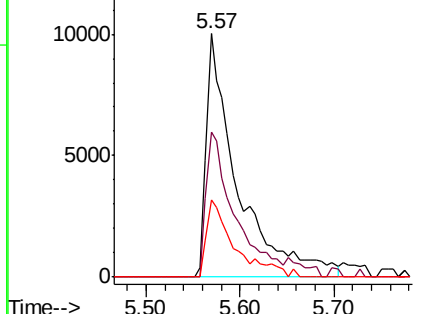
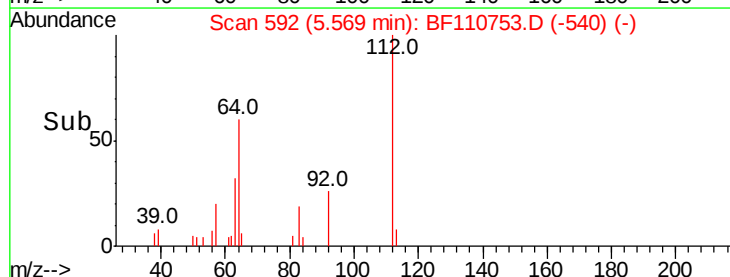
#5

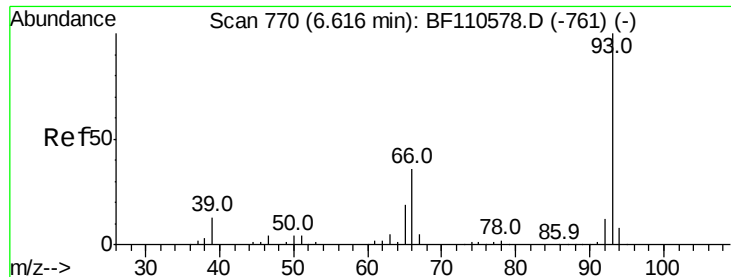
2-Fluorophenol
Concen: 5.800 ng
RT: 5.57 min Scan# 592
Delta R.T. 0.01 min
Lab File: BF110753.D
Acq: 14 Nov 2018 7:24

Tgt Ion:112 Resp: 23262
Ion Ratio Lower Upper
112 100
64 59.7 44.1 66.1
63 31.8 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





#6

Aniline

Concen: 2.475 ng

RT: 6.61 min Scan# 769

Delta R.T. -0.01 min

Lab File: BF110753.D

Acq: 14 Nov 2018 7:24

Instrument :

BNA_F

ClientSampleId :

110918-TIPC-F-D-S

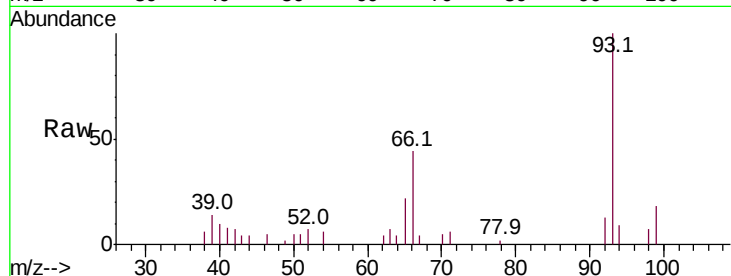
Tot Ion: 93 Resp: 16556

Ion Ratio Lower Upper

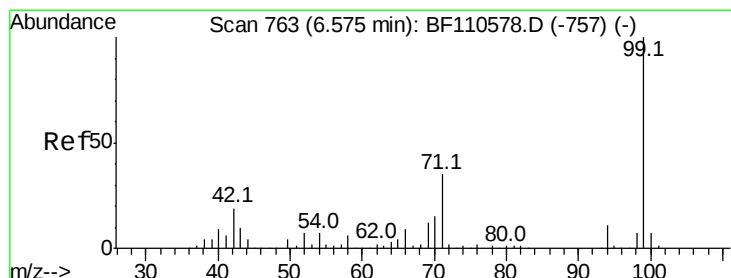
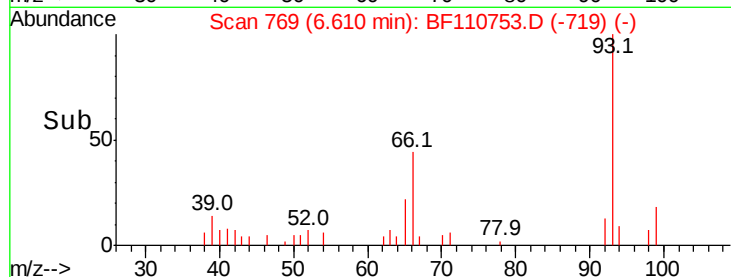
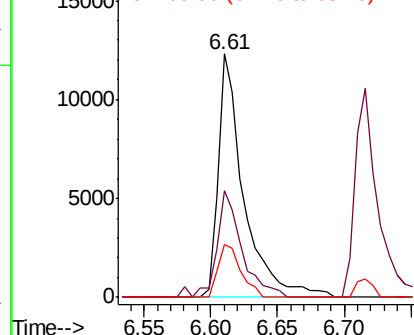
93 100

66 43.7 67.4 101.0#

65 22.0 41.0 61.4#



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1



#7

Phenol-d6

Concen: 3.678 ng

RT: 6.58 min Scan# 764

Delta R.T. 0.01 min

Lab File: BF110753.D

Acq: 14 Nov 2018 7:24

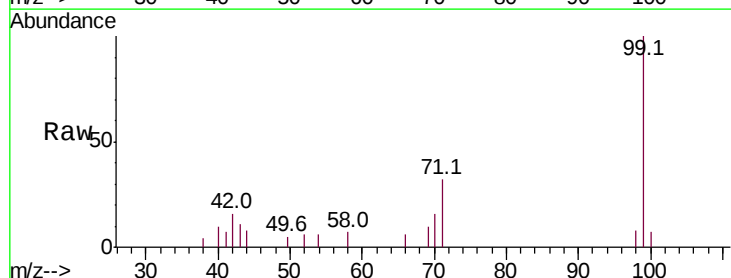
Tgt Ion: 99 Resp: 18863

Ion Ratio Lower Upper

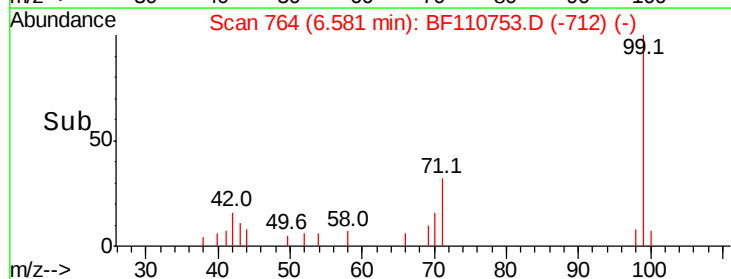
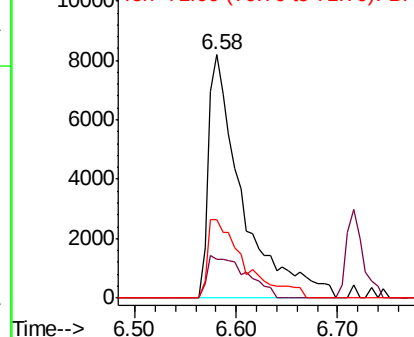
99 100

42 16.0 15.8 23.6

71 32.1 28.0 42.0



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

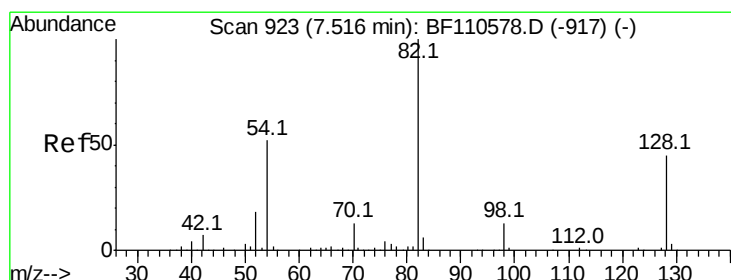
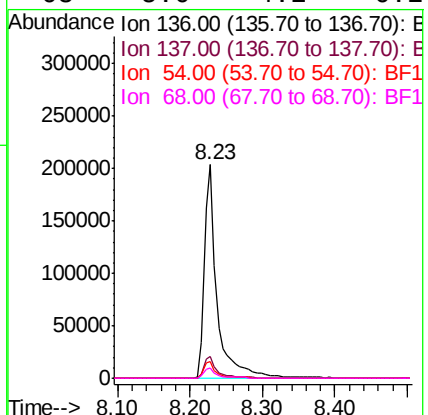
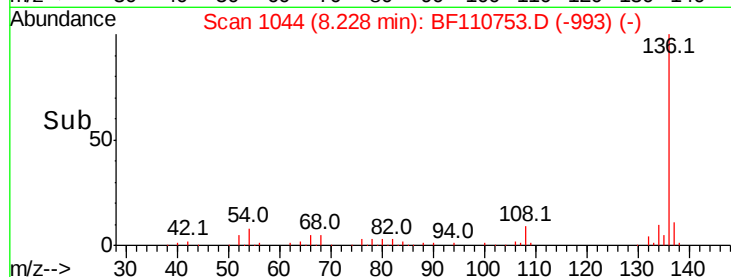
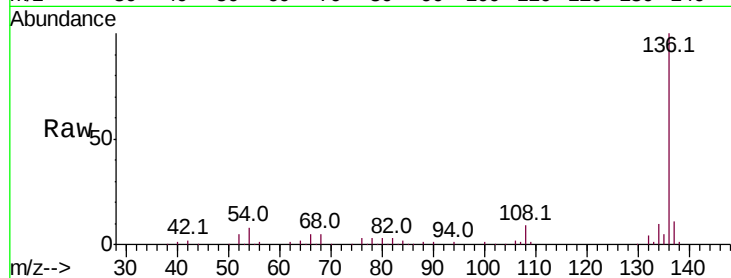




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BF110753.D
Acq: 14 Nov 2018 7:24

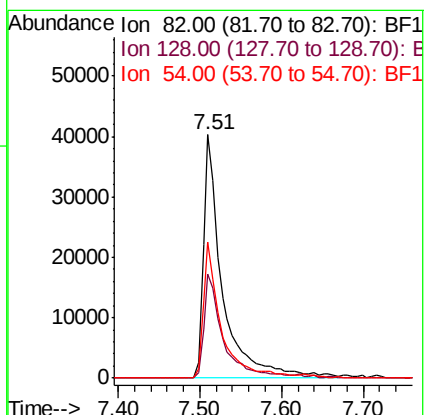
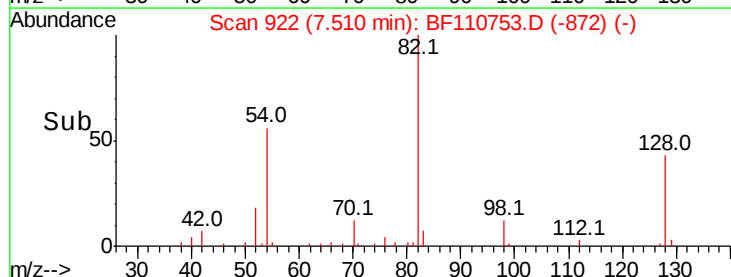
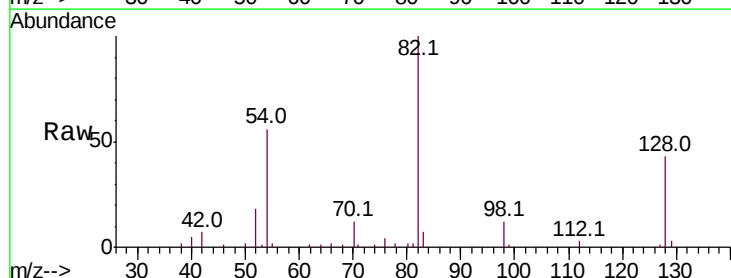
Instrument :
BNA_F
ClientSampleId :
110918-TIPC-F-D-S

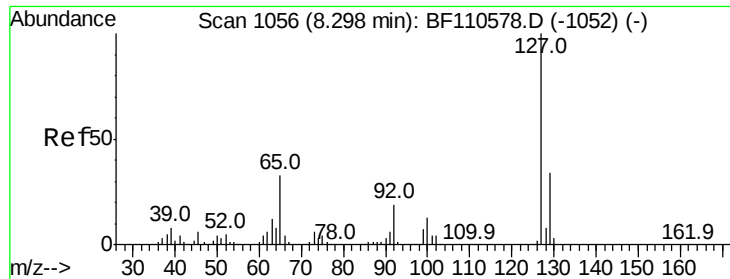
Tot Ion:136	Resp:	249667
Ion	Ratio	Lower Upper
136	100	
137	10.5	8.8 13.2
54	7.8	5.4 8.2
68	5.0	4.2 6.2



#23
Nitrobenzene-d5
Concen: 15.122 ng
RT: 7.51 min Scan# 922
Delta R.T. -0.01 min
Lab File: BF110753.D
Acq: 14 Nov 2018 7:24

Tgt Ion: 82	Resp:	65557
Ion	Ratio	Lower Upper
82	100	
128	42.7	34.2 51.2
54	55.8	38.6 58.0

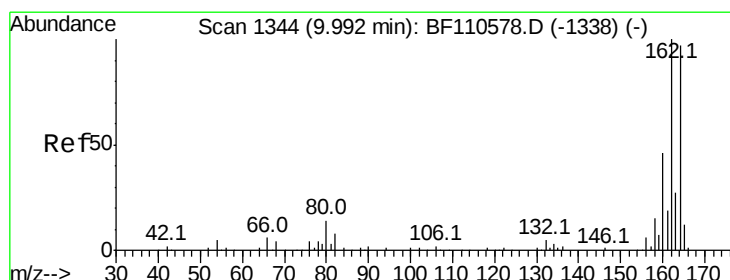
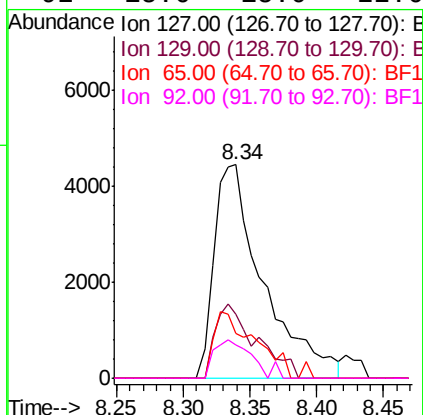
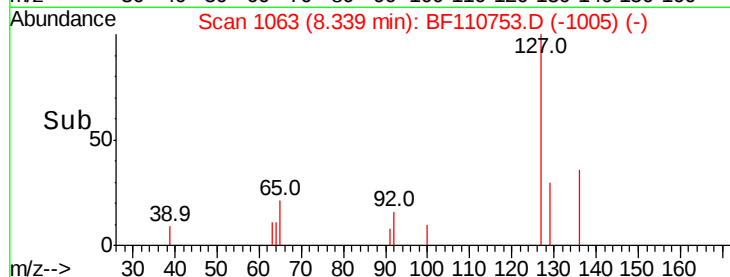
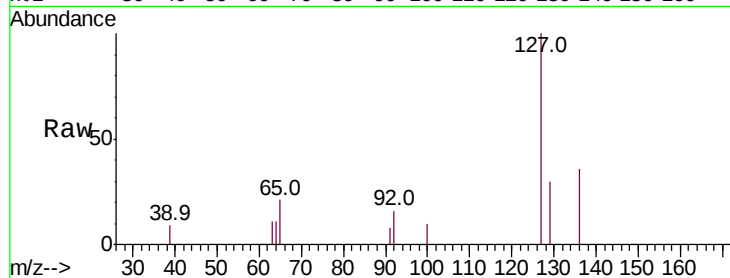




#33
4-Chloroaniline
Concen: 2.154 ng
RT: 8.34 min Scan# 1063
Delta R.T. 0.04 min
Lab File: BF110753.D
Acq: 14 Nov 2018 7:24

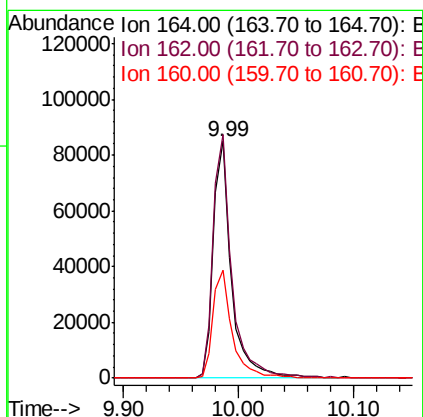
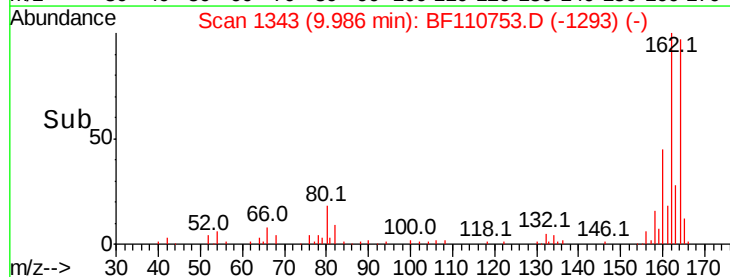
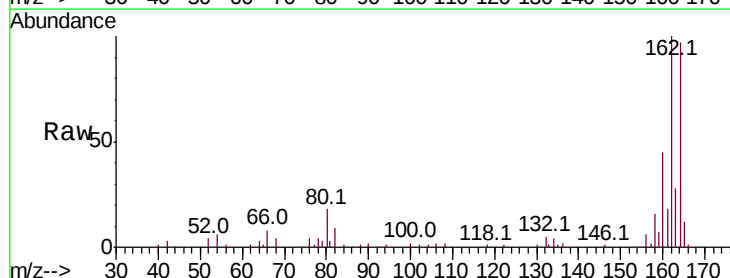
Instrument :
BNA_F
ClientSampleId :
110918-TIPC-F-D-S

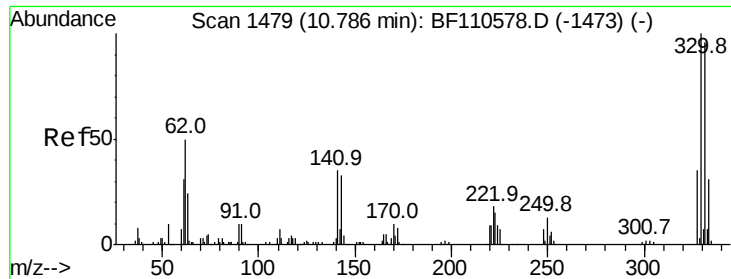
Tot Ion:	127	Resp:	11436
Ion	Ratio	Lower	Upper
127	100		
129	30.0	26.0	39.0
65	21.3	25.1	37.7#
92	15.6	15.0	22.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BF110753.D
Acq: 14 Nov 2018 7:24

Tgt Ion:	164	Resp:	93113
Ion	Ratio	Lower	Upper
164	100		
162	102.9	83.0	124.6
160	45.8	37.0	55.6

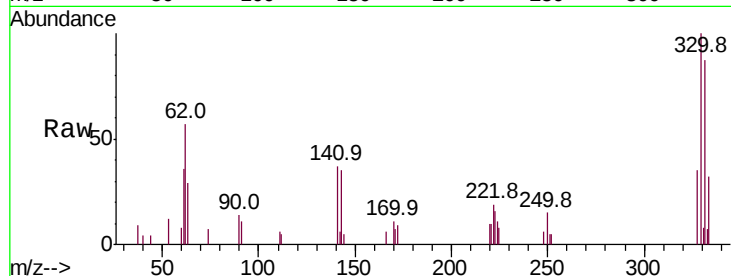




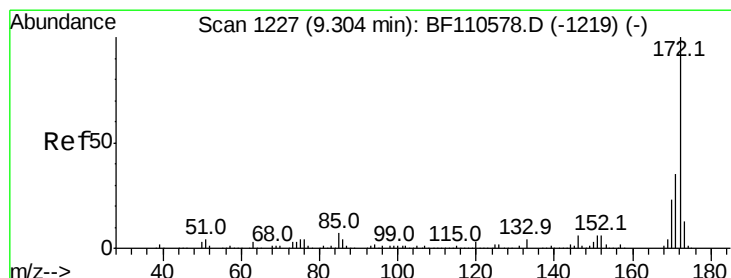
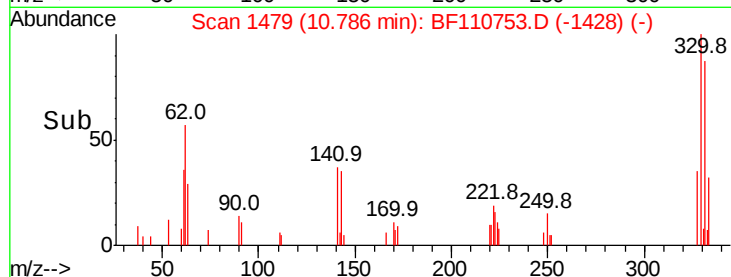
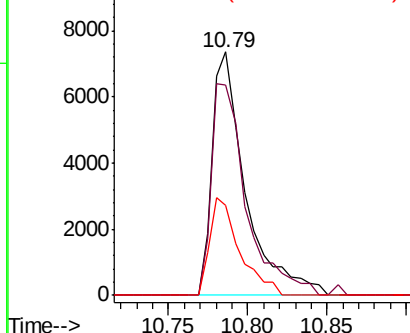
#42
 2,4,6-Tribromophenol
 Concen: 11.538 ng
 RT: 10.79 min Scan# 1479
 Delta R.T. 0.00 min
 Lab File: BF110753.D
 Acq: 14 Nov 2018 7:24

Instrument :
 BNA_F
 ClientSampleId :
 110918-TIPC-F-D-S

Tot Ion	Ratio	Lower	Upper
330	100		
332	91.2	77.1	115.7
141	36.1	27.0	40.4

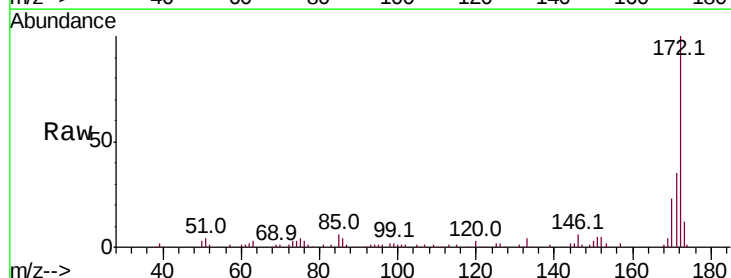


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

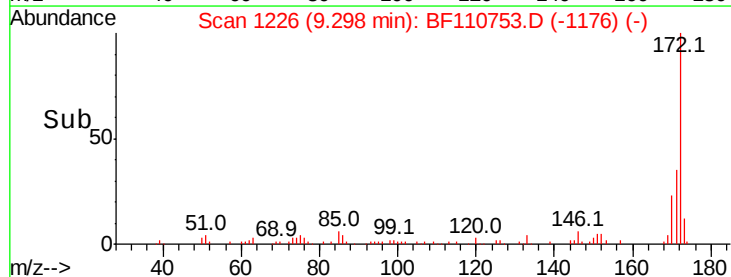
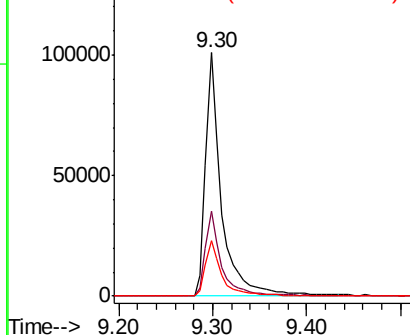


#45
 2-Fluorobiphenyl
 Concen: 18.606 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. -0.01 min
 Lab File: BF110753.D
 Acq: 14 Nov 2018 7:24

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.6	28.6	43.0
170	22.5	19.7	29.5



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

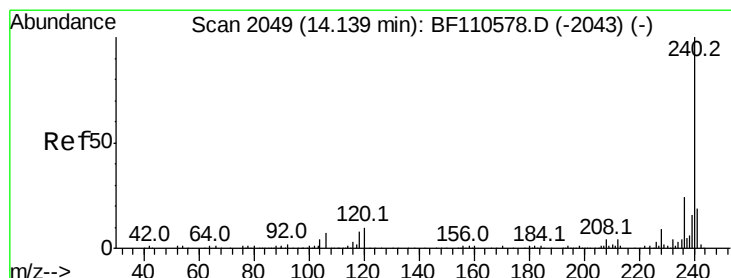
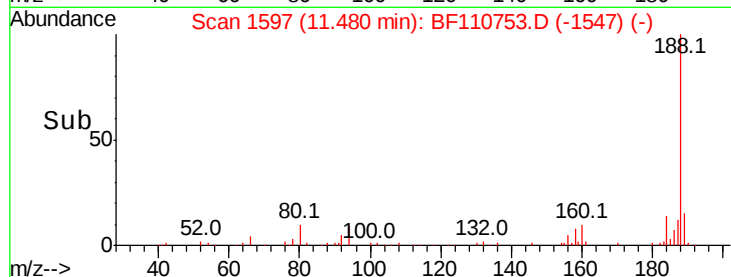
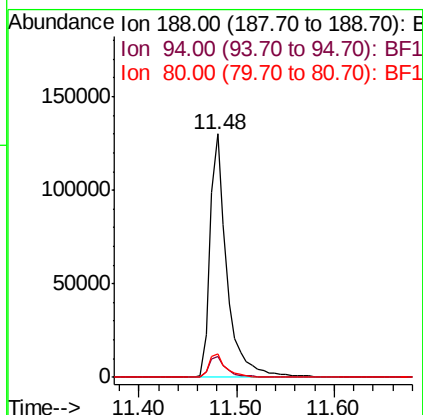
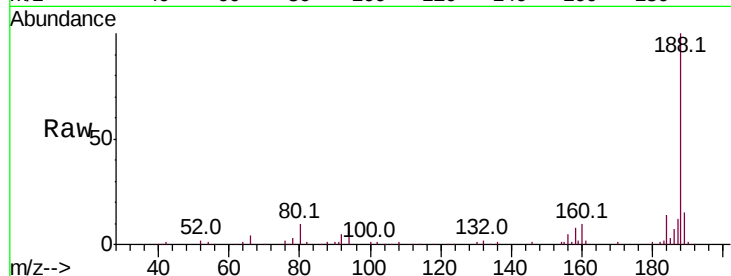




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BF110753.D
Acq: 14 Nov 2018 7:24

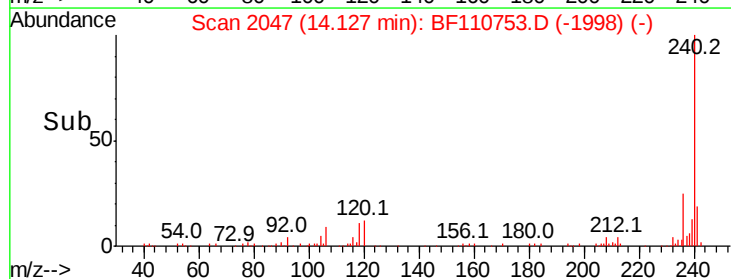
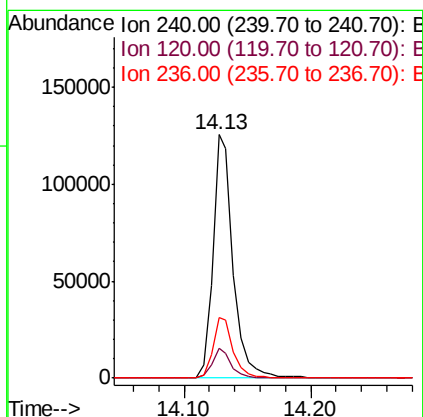
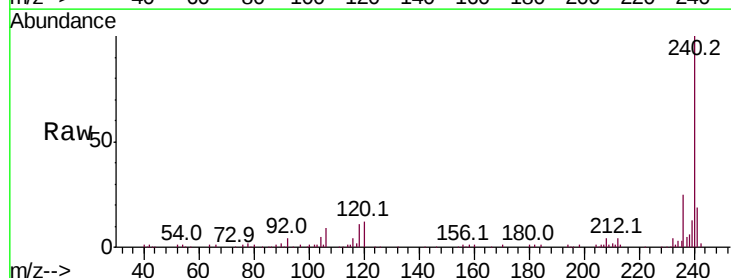
Instrument :
BNA_F
ClientSampleId :
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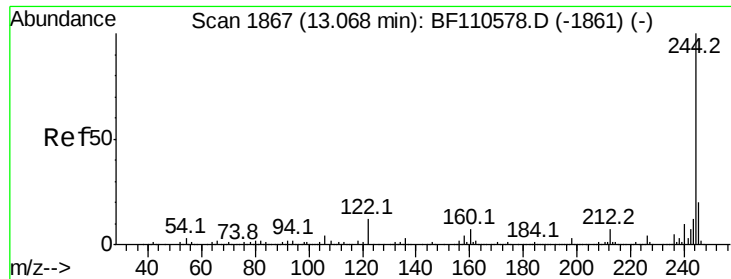
Tot Ion:188 Resp: 156318
Ion Ratio Lower Upper
188 100
94 8.6 7.2 10.8
80 9.9 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2047
Delta R.T. -0.01 min
Lab File: BF110753.D
Acq: 14 Nov 2018 7:24

Tgt Ion:240 Resp: 138941
Ion Ratio Lower Upper
240 100
120 12.2 8.3 12.5
236 24.9 21.2 31.8





#79

Terphenyl-d14

Concen: 12.376 ng

RT: 13.06 min Scan# 1865

Delta R.T. -0.01 min

Lab File: BF110753.D

Acq: 14 Nov 2018 7:24

Instrument :

BNA_F

ClientSampleId :

110918-TIPC-F-D-S

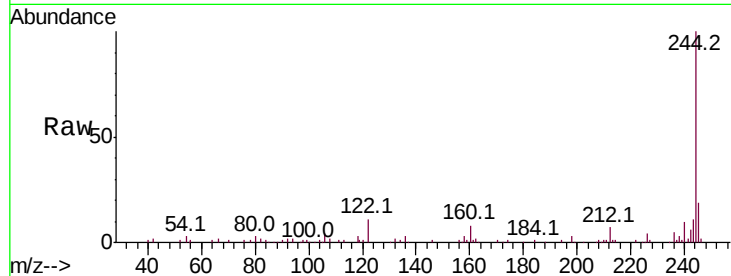
Tot Ion:244 Resp: 91815

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.8

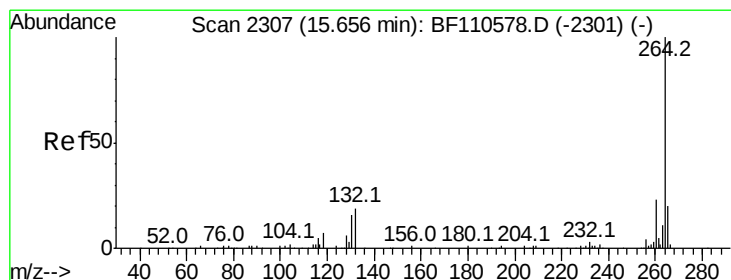
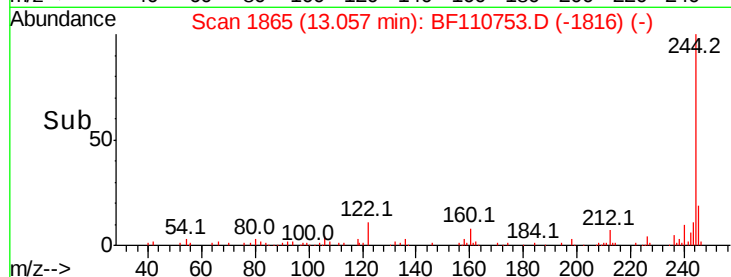
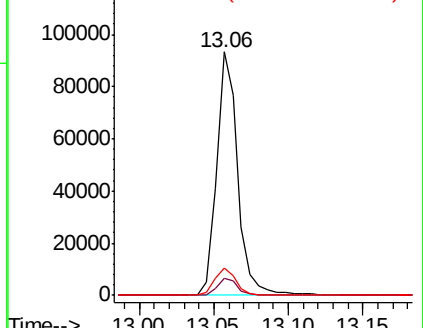
122 11.5 8.7 13.1



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.66 min Scan# 2307

Delta R.T. 0.00 min

Lab File: BF110753.D

Acq: 14 Nov 2018 7:24

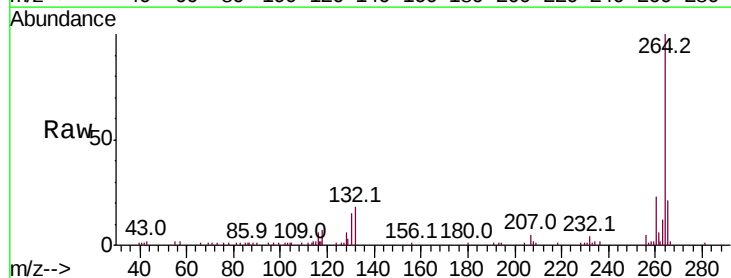
Tgt Ion:264 Resp: 89225

Ion Ratio Lower Upper

264 100

260 22.6 18.7 28.1

265 21.4 16.7 25.1



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

