

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040417\
 Data File : BF094175.D
 Acq On : 4 Apr 2017 18:58
 Operator : SJ/MA
 Sample : I2516-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-2

Quant Time: Apr 05 00:57:59 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

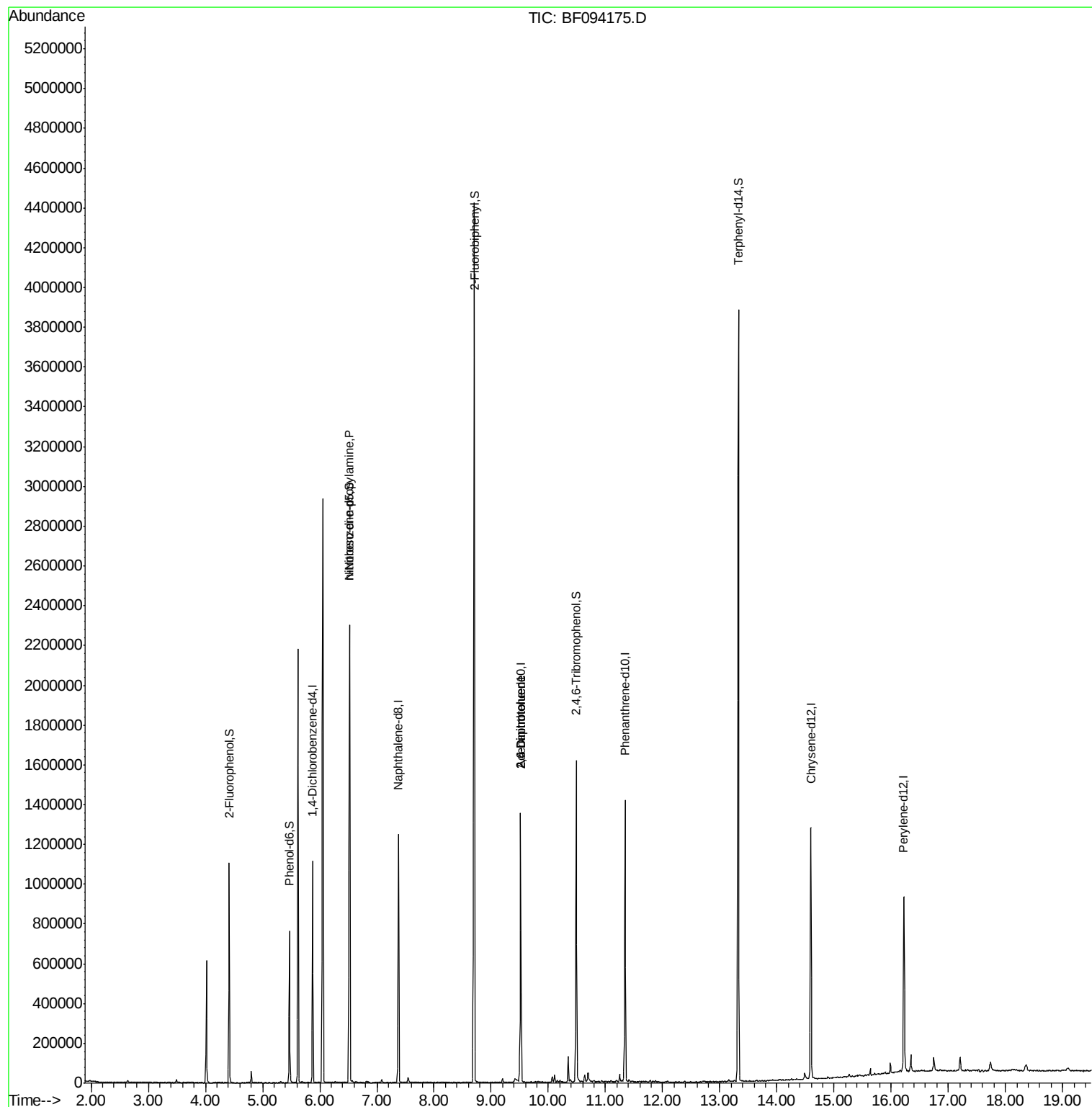
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.87	152	174155	20.00	ng	-0.03
21) Naphthalene-d8	7.37	136	720186	20.00	ng	-0.04
38) Acenaphthene-d10	9.52	164	337268	20.00	ng	-0.04
63) Phenanthrene-d10	11.35	188	618580	20.00	ng	-0.03
75) Chrysene-d12	14.60	240	517697	20.00	ng	-0.03
86) Perylene-d12	16.23	264	374018	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	4.41	112	309620	30.03	ng	-0.02
7) Phenol-d6	5.47	99	260626	20.43	ng	-0.04
23) Nitrobenzene-d5	6.52	82	1024225	81.16	ng	-0.04
41) 2,4,6-Tribromophenol	10.49	330	206588	77.51	ng	-0.03
44) 2-Fluorobiphenyl	8.70	172	1808531	81.79	ng	-0.03
78) Terphenyl-d14	13.33	244	1595691	69.09	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	6.52	70	135766	16.56	ng	# 78
50) 2,6-Dinitrotoluene	9.52	165	42086	7.66	ng	# 33
56) 2,4-Dinitrotoluene	9.52	165	42087	6.10	ng	# 33

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.87 min Scan# 678

Delta R.T. -0.03 min

Lab File: BF094175.D

Acq: 4 Apr 2017 18:58

Instrument :

BNA_F

ClientSampleId :

MW-2

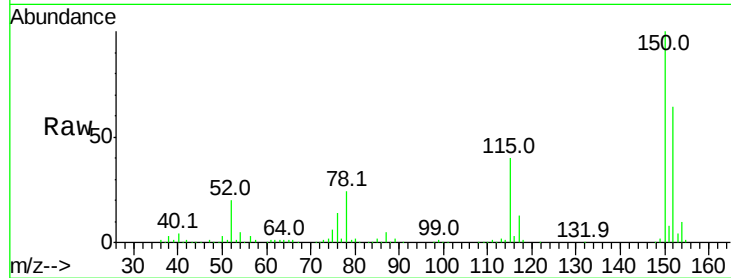
Tot Ion:152 Resp: 174155

Ion Ratio Lower Upper

152 100

150 155.5 126.2 189.2

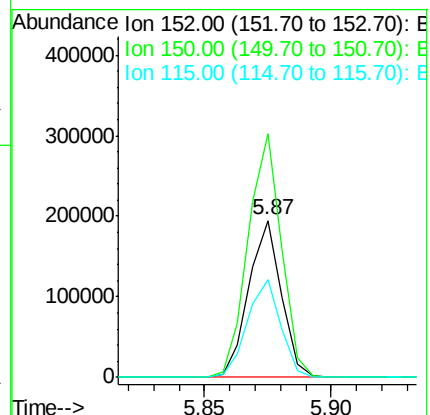
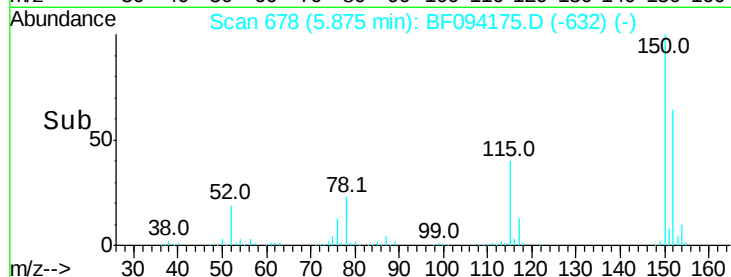
115 62.8 52.2 78.2



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: 30.03 ng

RT: 4.41 min Scan# 429

Delta R.T. -0.02 min

Lab File: BF094175.D

Acq: 4 Apr 2017 18:58

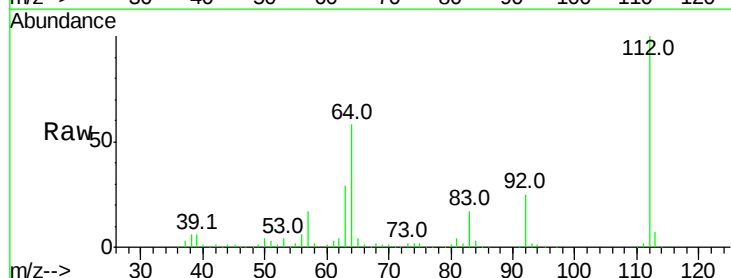
Tgt Ion:112 Resp: 309620

Ion Ratio Lower Upper

112 100

64 58.1 46.0 69.0

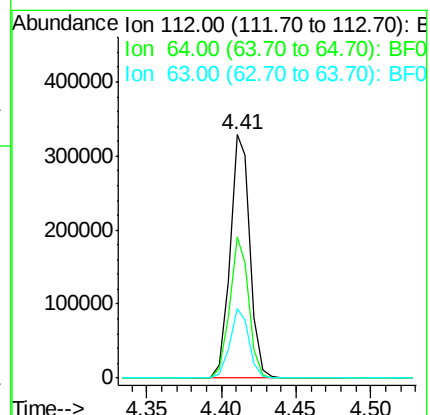
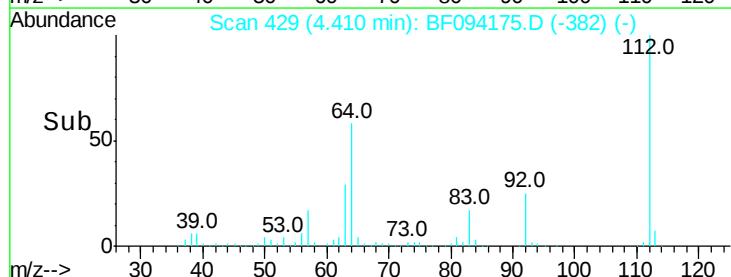
63 28.5 23.4 35.0



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: 20.43 ng

RT: 5.47 min Scan# 609

Delta R.T. -0.04 min

Lab File: BF094175.D

Acq: 4 Apr 2017 18:58

Instrument :

BNA_F

ClientSampled :

MW-2

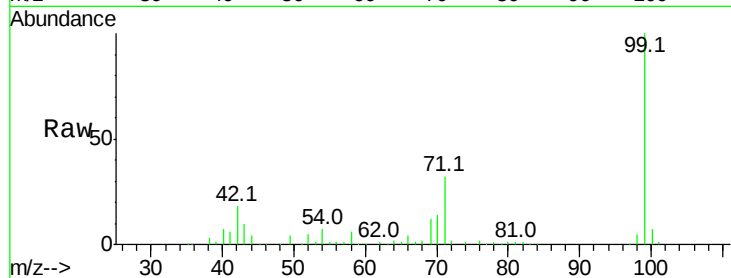
Tot Ion: 99 Resp: 260626

Ion Ratio Lower Upper

99 100

42 18.1 13.5 20.3

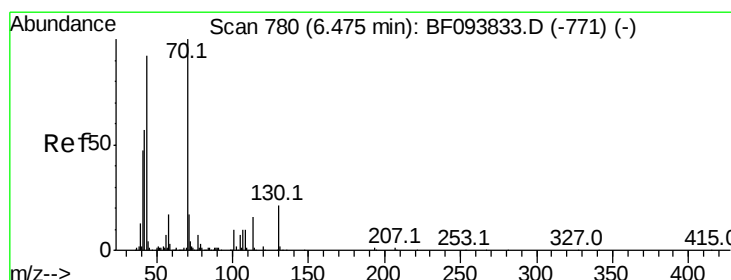
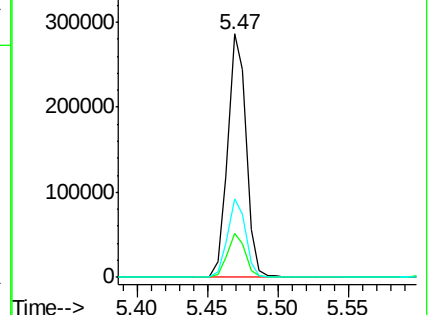
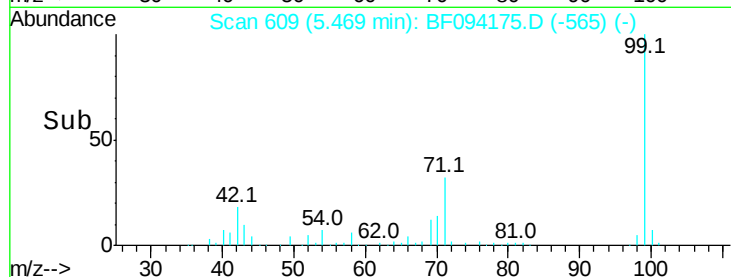
71 32.0 24.5 36.7



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



#19

n-Nitroso-di-n-propylamine

Concen: 16.56 ng

RT: 6.52 min Scan# 788

Delta R.T. 0.13 min

Lab File: BF094175.D

Acq: 4 Apr 2017 18:58

Tgt Ion: 70 Resp: 135766

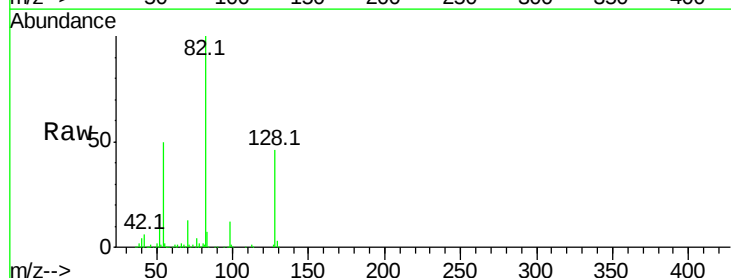
Ion Ratio Lower Upper

70 100

42 47.1 47.2 70.8#

101 0.0 7.2 10.8#

130 2.2 15.9 23.9#

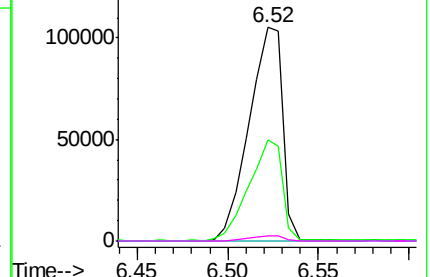
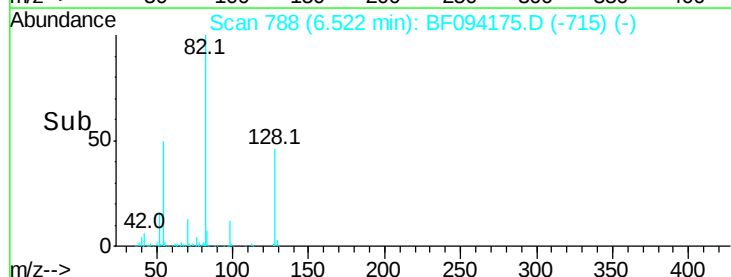


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.37 min Scan# 933

Delta R.T. -0.04 min

Lab File: BF094175.D

Acq: 4 Apr 2017 18:58

Instrument :

BNA_F

ClientSampleId :

MW-2

Tot Ion:136 Resp: 720186

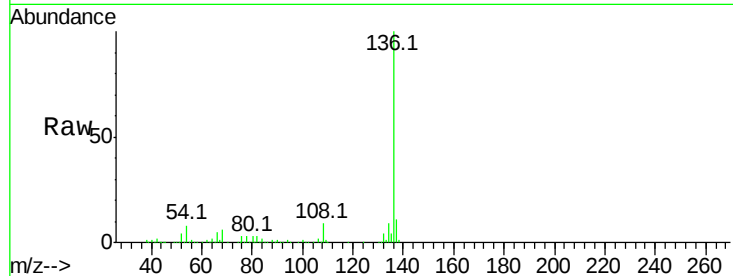
Ion Ratio Lower Upper

136 100

137 11.3 8.5 12.7

54 7.7 4.9 7.3#

68 6.0 4.1 6.1

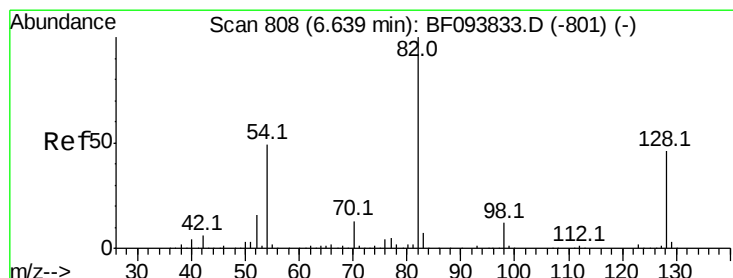
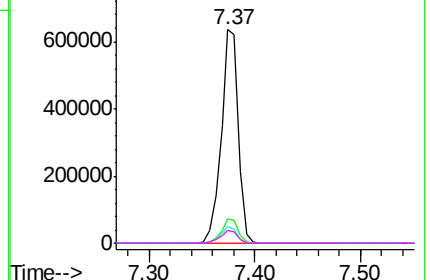
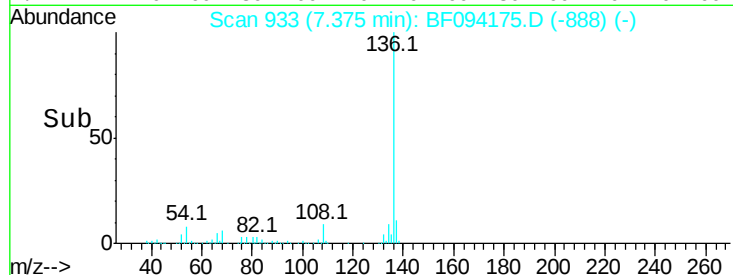


Abundance Ion 136.00 (135.70 to 136.70): E

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: 81.16 ng

RT: 6.52 min Scan# 788

Delta R.T. -0.04 min

Lab File: BF094175.D

Acq: 4 Apr 2017 18:58

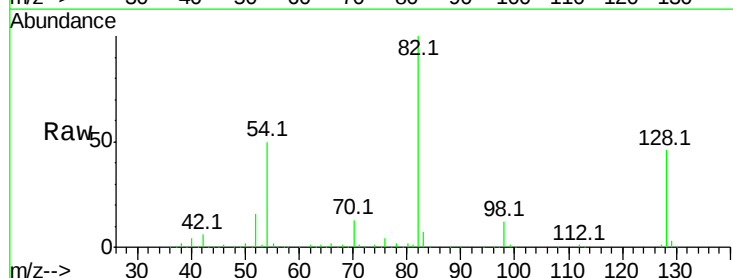
Tgt Ion: 82 Resp: 1024225

Ion Ratio Lower Upper

82 100

128 45.9 34.0 51.0

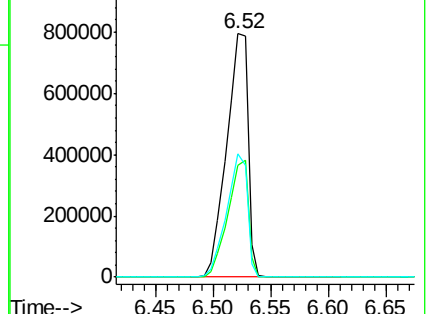
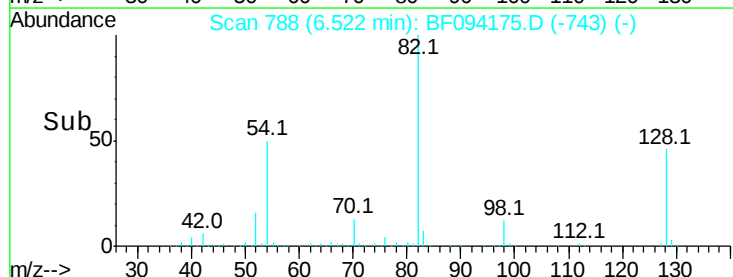
54 50.4 42.2 63.2



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

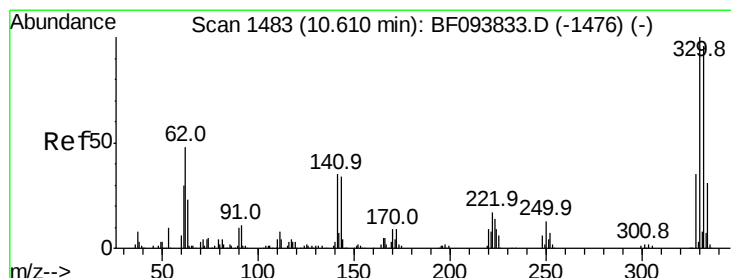
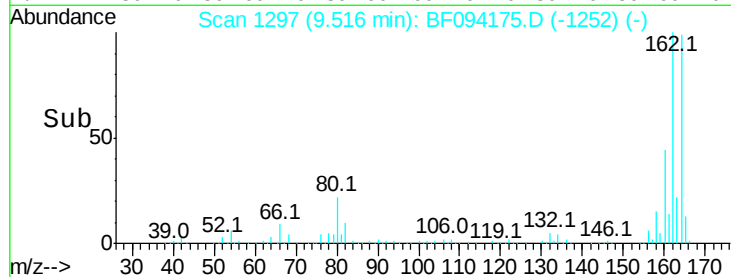
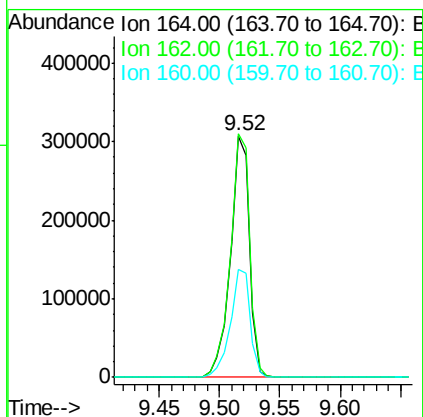
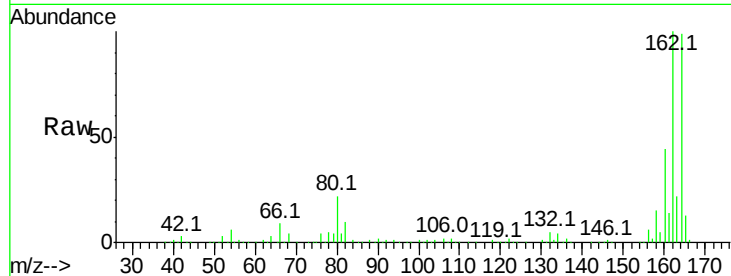




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.52 min Scan# 1297
 Delta R.T. -0.04 min
 Lab File: BF094175.D
 Acq: 4 Apr 2017 18:58

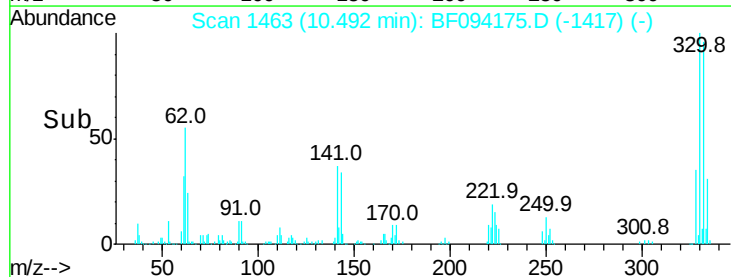
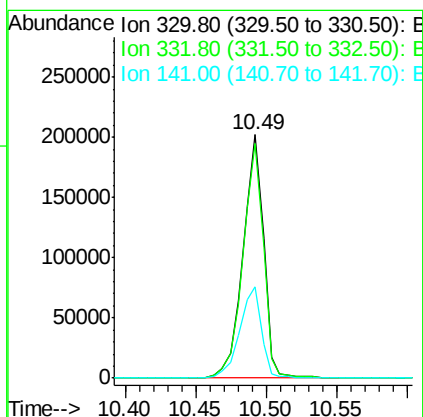
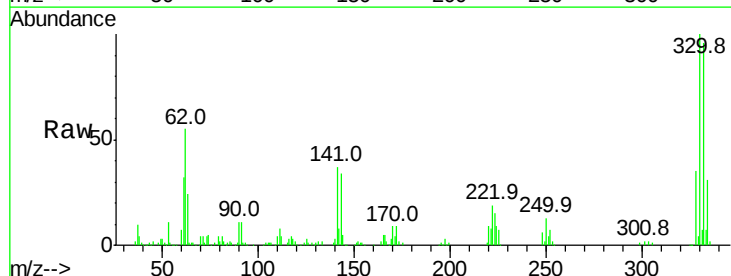
Instrument :
 BNA_F
 ClientSampleId :
 MW-2

Tot Ion:164 Resp: 337268
 Ion Ratio Lower Upper
 164 100
 162 100.9 82.6 123.8
 160 44.7 36.2 54.2



#41
 2,4,6-Tribromophenol
 Concen: 77.51 ng
 RT: 10.49 min Scan# 1463
 Delta R.T. -0.03 min
 Lab File: BF094175.D
 Acq: 4 Apr 2017 18:58

Tgt Ion:330 Resp: 206588
 Ion Ratio Lower Upper
 330 100
 332 97.0 76.6 115.0
 141 39.8 31.4 47.2

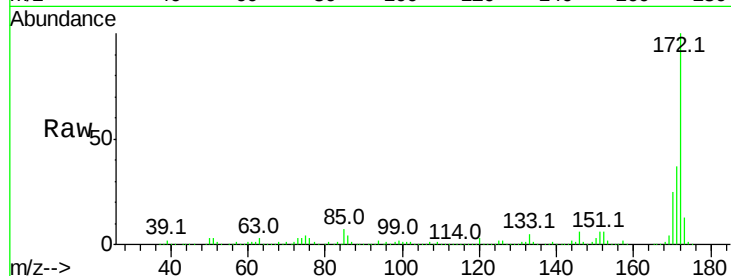




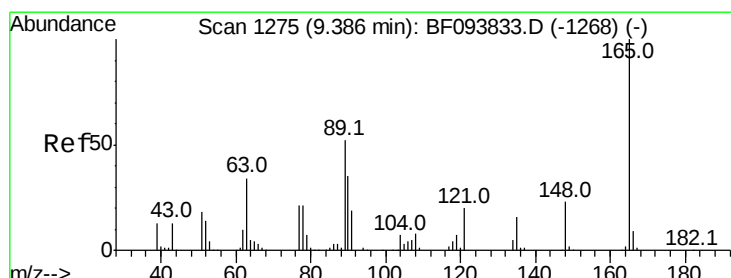
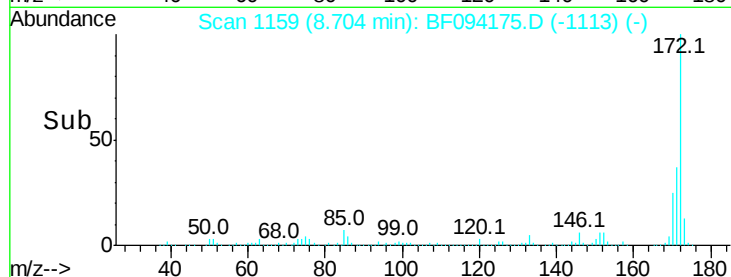
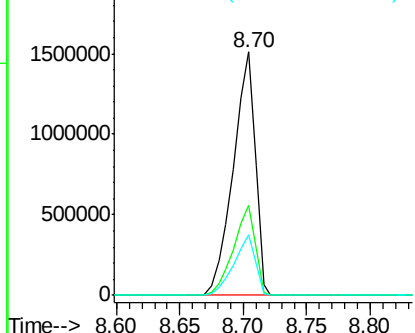
#44
 2-Fluorobiphenyl
 Concen: 81.79 ng
 RT: 8.70 min Scan# 1159
 Delta R.T. -0.03 min
 Lab File: BF094175.D
 Acq: 4 Apr 2017 18:58

Instrument :
 BNA_F
 ClientSampleId :
 MW-2

Tot Ion:172 Resp: 1808531
 Ion Ratio Lower Upper
 172 100
 171 37.1 29.6 44.4
 170 24.7 19.8 29.8

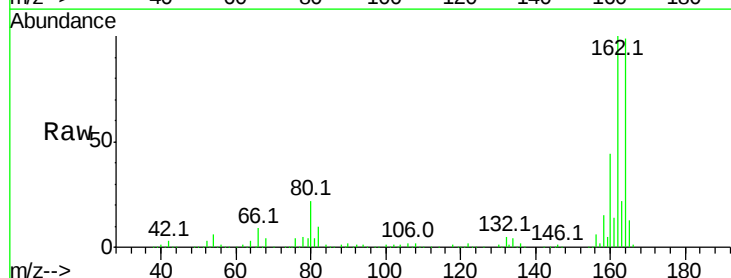


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

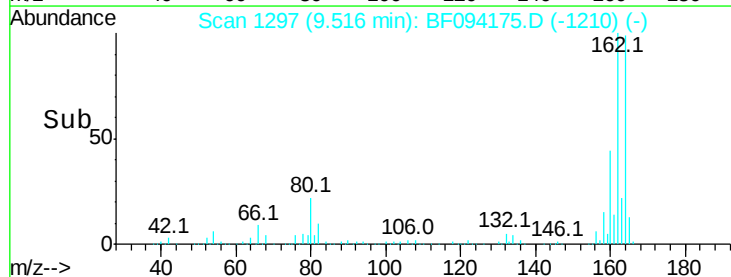
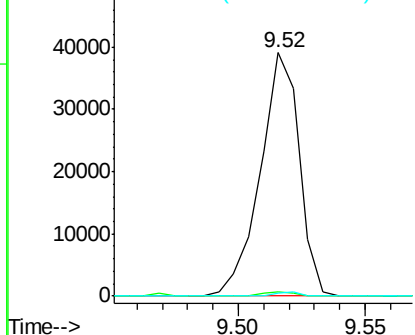


#50
 2,6-Dinitrotoluene
 Concen: 7.66 ng
 RT: 9.52 min Scan# 1297
 Delta R.T. 0.21 min
 Lab File: BF094175.D
 Acq: 4 Apr 2017 18:58

Tgt Ion:165 Resp: 42086
 Ion Ratio Lower Upper
 165 100
 63 1.5 34.3 51.5#
 89 1.1 37.1 55.7#



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

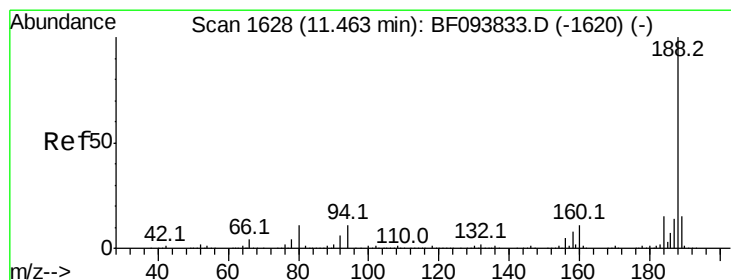
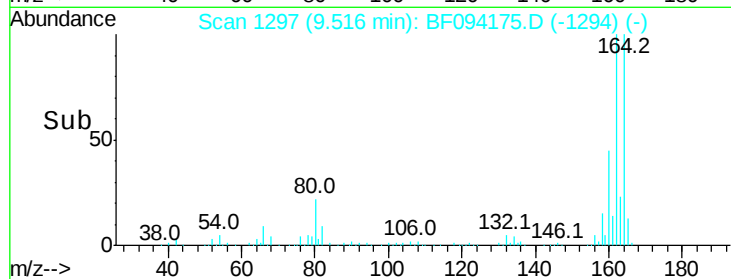
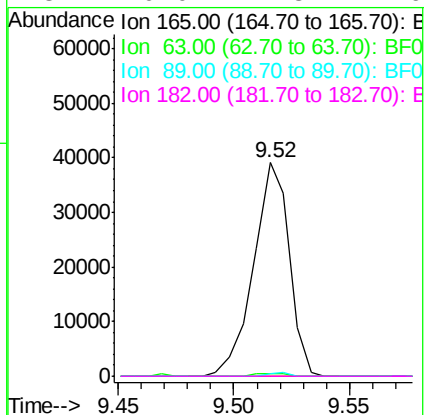
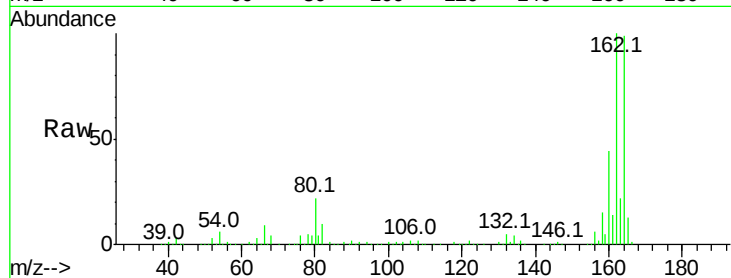




#56
 2,4-Dinitrotoluene
 Concen: 6.10 ng
 RT: 9.52 min Scan# 1297
 Delta R.T. -0.28 min
 Lab File: BF094175.D
 Acq: 4 Apr 2017 18:58

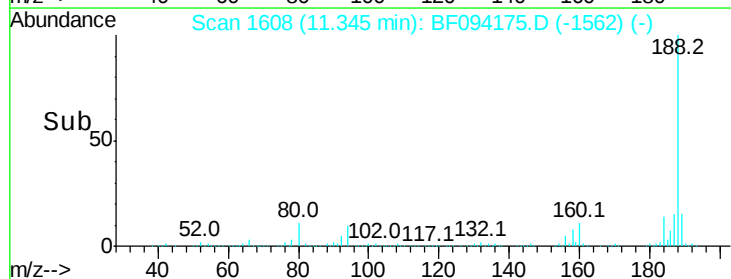
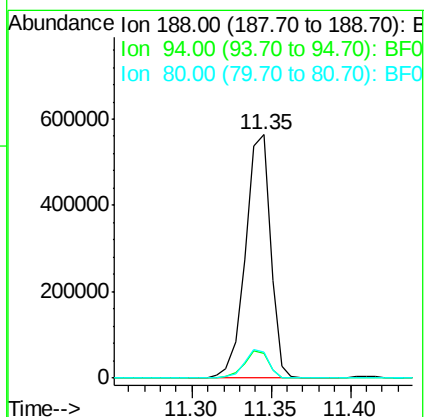
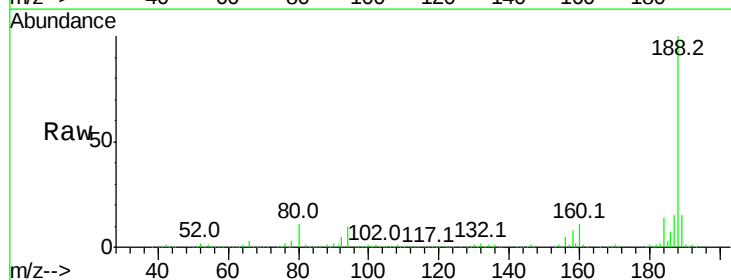
Instrument :
 BNA_F
 ClientSampleId :
 MW-2

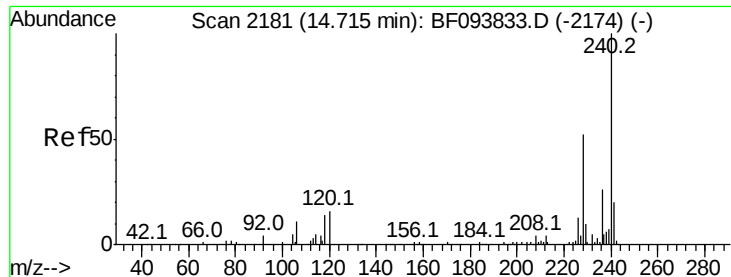
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.5	25.4	38.0#
89	1.1	46.4	69.6#
182	0.0	1.8	2.6#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.35 min Scan# 1608
 Delta R.T. -0.03 min
 Lab File: BF094175.D
 Acq: 4 Apr 2017 18:58

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.1	9.4	14.2
80	10.6	10.2	15.2





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.60 min Scan# 2161

Delta R.T. -0.03 min

Lab File: BF094175.D

Acq: 4 Apr 2017 18:58

Instrument :

BNA_F

ClientSampleId :

MW-2

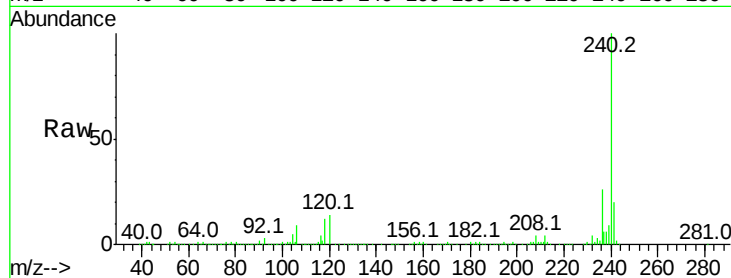
Tot Ion:240 Resp: 517697

Ion Ratio Lower Upper

240 100

120 14.4 5.8 8.8#

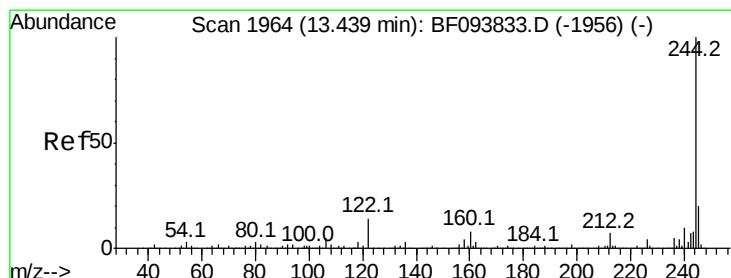
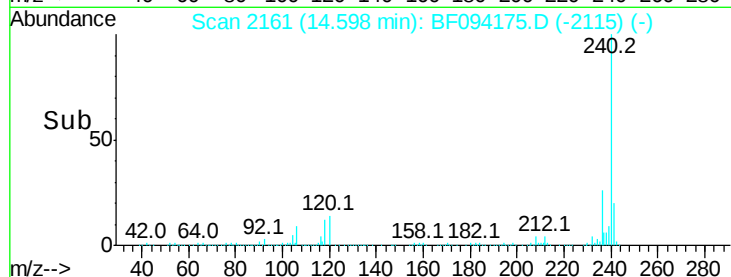
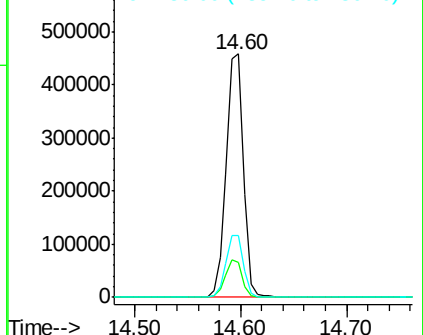
236 25.6 20.5 30.7



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: 69.09 ng

RT: 13.33 min Scan# 1945

Delta R.T. -0.02 min

Lab File: BF094175.D

Acq: 4 Apr 2017 18:58

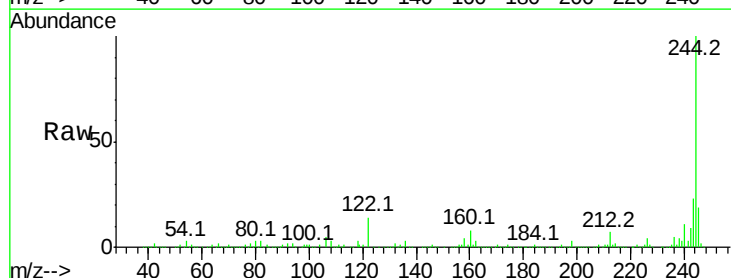
Tgt Ion:244 Resp: 1595691

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

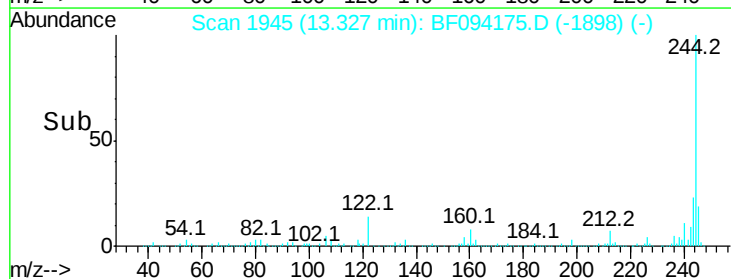
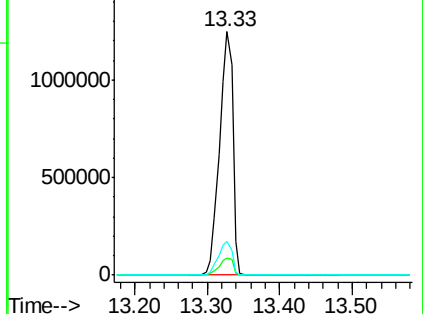
122 13.9 10.3 15.5

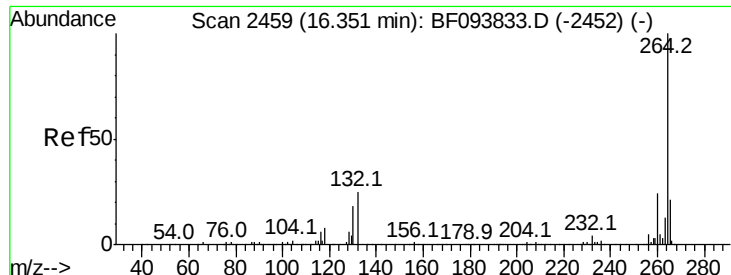


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



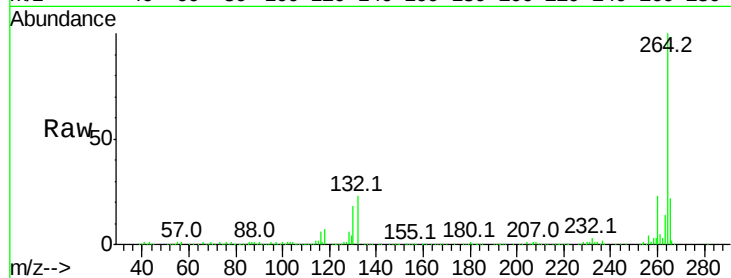


#86
Pervlene-d12
Concen: 20.00 ng
RT: 16.23 min Scan# 2438
Delta R.T. -0.02 min
Lab File: BF094175.D
Acq: 4 Apr 2017 18:58

Instrument :
BNA_F
ClientSampleId :
MW-2

Tot Ion:264 Resp: 374018

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.5	29.3
265	21.6	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

