

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122716\
 Data File : BF091975.D
 Acq On : 27 Dec 2016 18:44
 Operator : UM/SJ
 Sample : H6241-05
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DUP-1

Quant Time: Dec 28 00:54:54 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 21 16:17:51 2016
 Response via : Initial Calibration

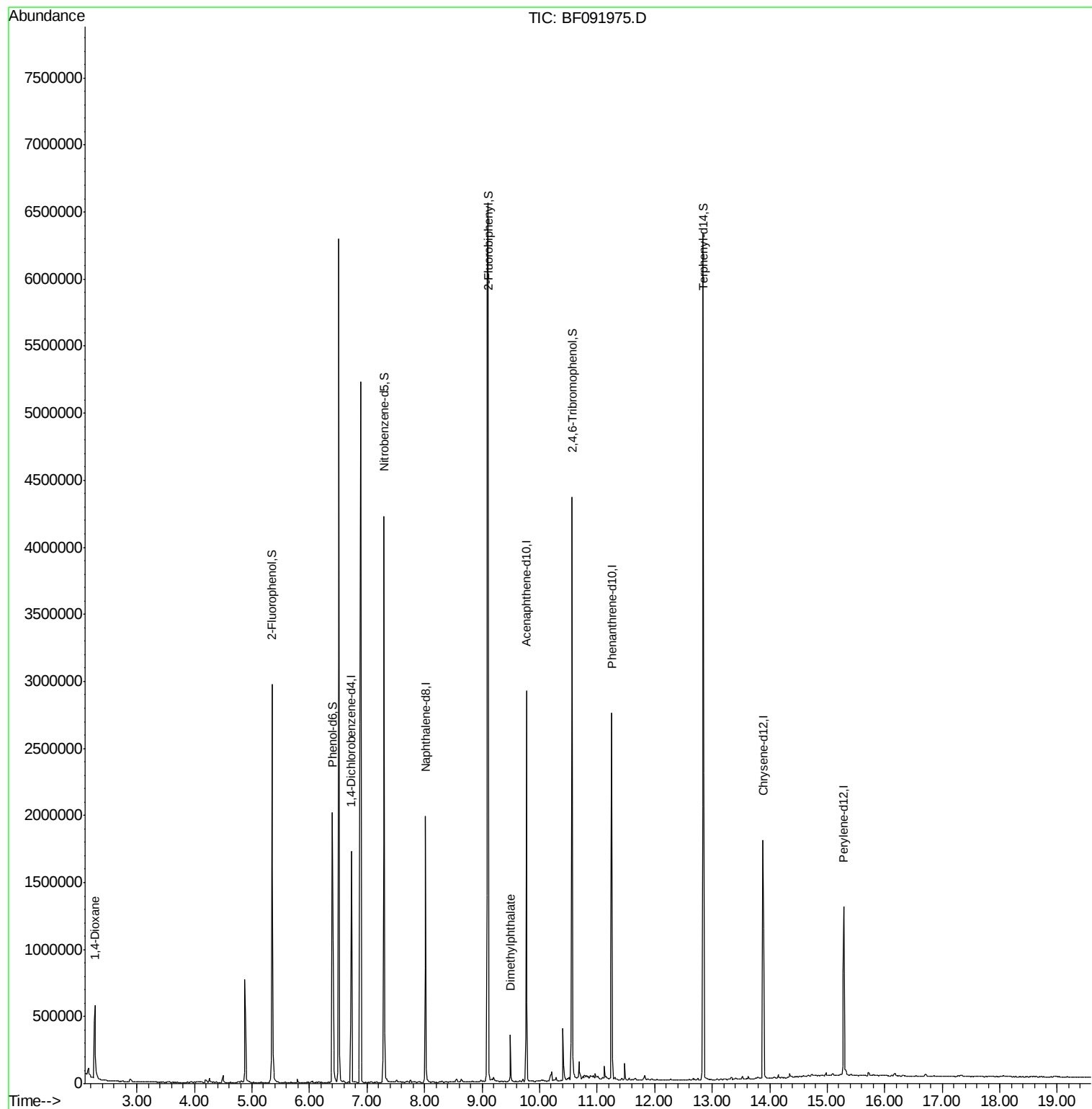
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	260798	20.00	ng	-0.02
21) Naphthalene-d8	8.02	136	1045097	20.00	ng	-0.02
38) Acenaphthene-d10	9.77	164	624975	20.00	ng	-0.02
63) Phenanthrene-d10	11.25	188	1020422	20.00	ng	-0.01
75) Chrysene-d12	13.88	240	767502	20.00	ng	-0.02
86) Perylene-d12	15.29	264	594158	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	1039304	66.54	ng	0.00
7) Phenol-d6	6.40	99	887959	46.56	ng	-0.01
23) Nitrobenzene-d5	7.30	82	1594549	84.84	ng	-0.02
41) 2,4,6-Tribromophenol	10.57	330	660341	127.67	ng	-0.01
44) 2-Fluorobiphenyl	9.10	172	3274446	111.35	ng	-0.01
78) Terphenyl-d14	12.84	244	2434941	76.94	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	2.27	88	328252	42.69	ng	99
49) Dimethylphthalate	9.49	163	134985	3.38	ng	100

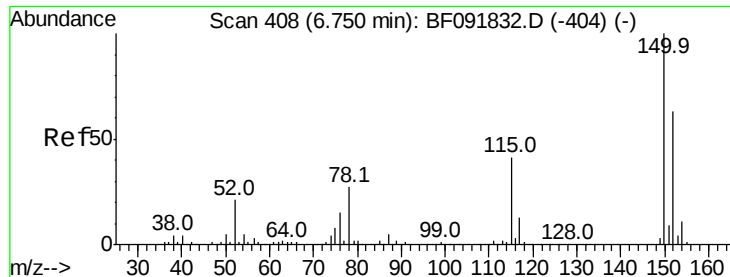
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.73 min Scan# 406

Delta R.T. -0.02 min

Lab File: BF091975.D

Acq: 27 Dec 2016 18:44

Instrument :

BNA_F

ClientSampleId :

DUP-1

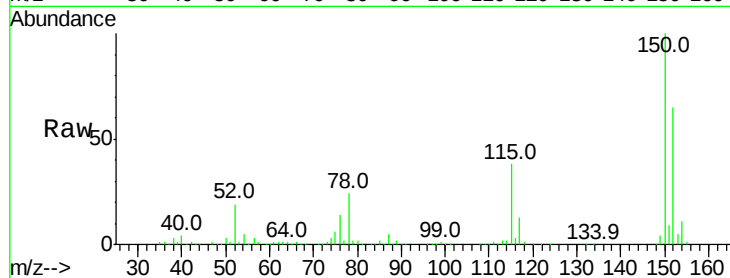
Tot Ion:152 Resp: 260798

Ion Ratio Lower Upper

152 100

150 154.9 124.9 187.3

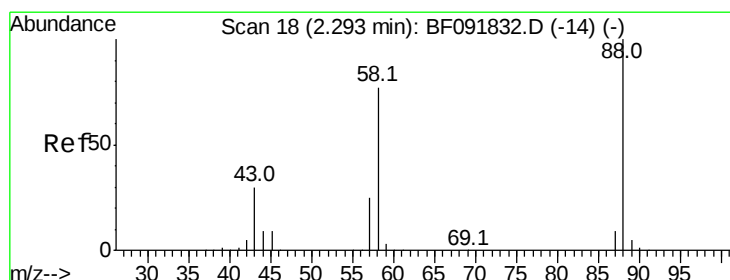
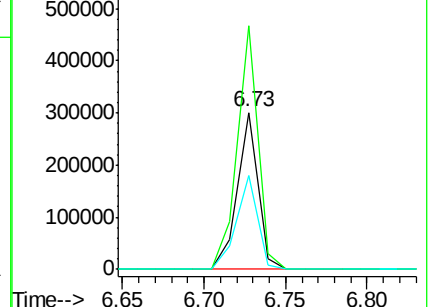
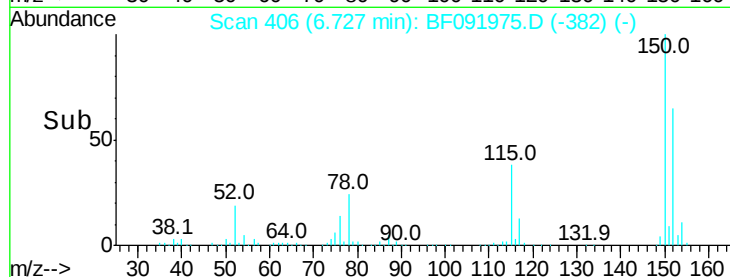
115 59.6 46.0 69.0



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



#2

1,4-Dioxane

Concen: 42.69 ng

RT: 2.27 min Scan# 16

Delta R.T. -0.02 min

Lab File: BF091975.D

Acq: 27 Dec 2016 18:44

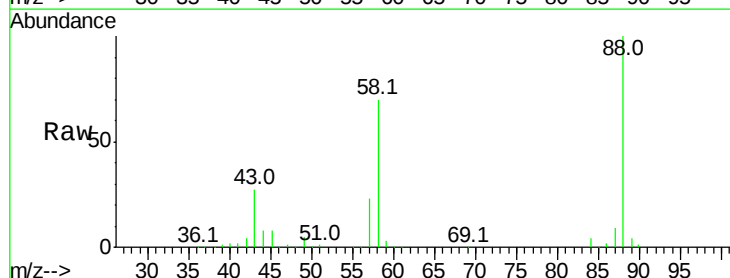
Tgt Ion: 88 Resp: 328252

Ion Ratio Lower Upper

88 100

58 72.9 57.8 86.8

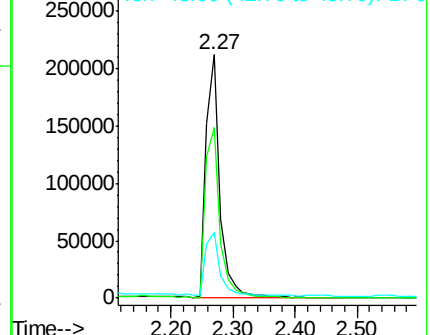
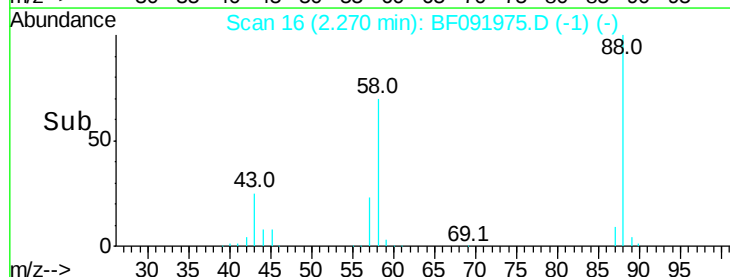
43 28.1 22.3 33.5

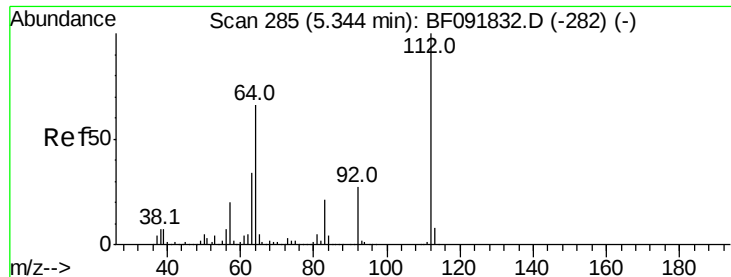


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 66.54 ng

RT: 5.34 min Scan# 285

Delta R.T. 0.00 min

Lab File: BF091975.D

Acq: 27 Dec 2016 18:44

Instrument :

BNA_F

ClientSampleId :

DUP-1

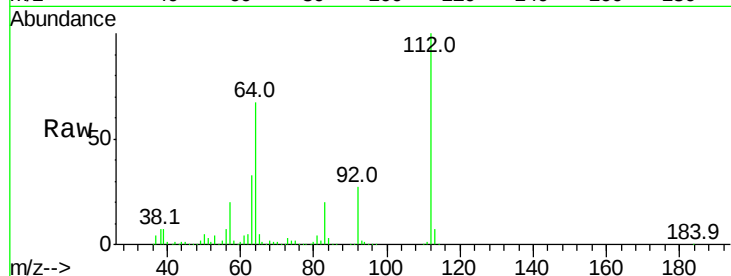
Tot Ion:112 Resp: 1039304

Ion Ratio Lower Upper

112 100

64 66.9 46.1 69.1

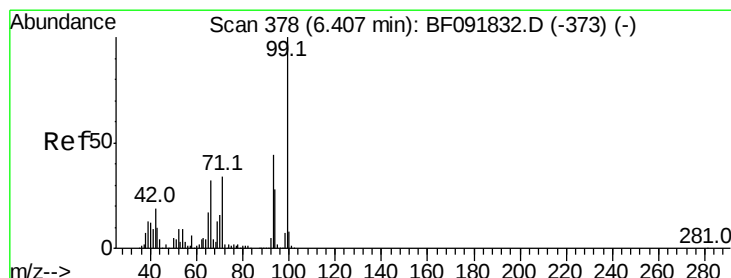
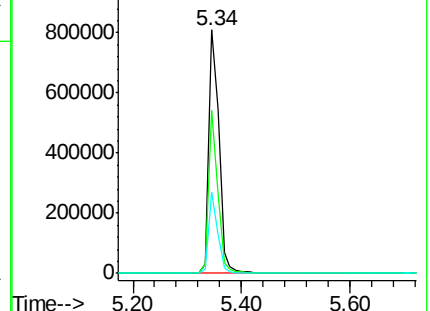
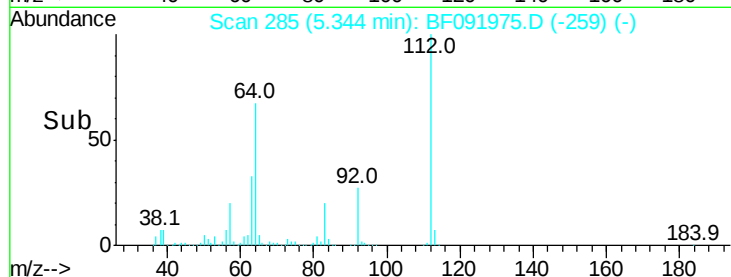
63 33.3 23.8 35.6



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: 46.56 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.01 min

Lab File: BF091975.D

Acq: 27 Dec 2016 18:44

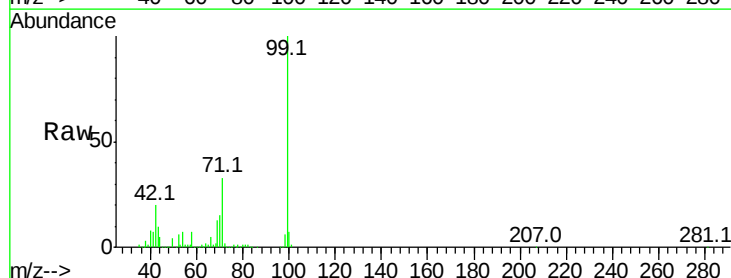
Tgt Ion: 99 Resp: 887959

Ion Ratio Lower Upper

99 100

42 19.6 15.6 23.4

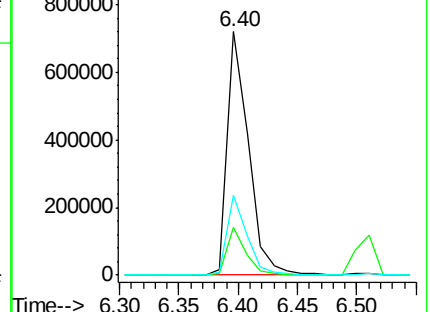
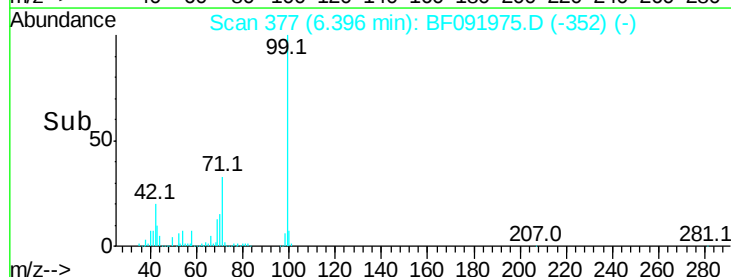
71 33.0 27.5 41.3

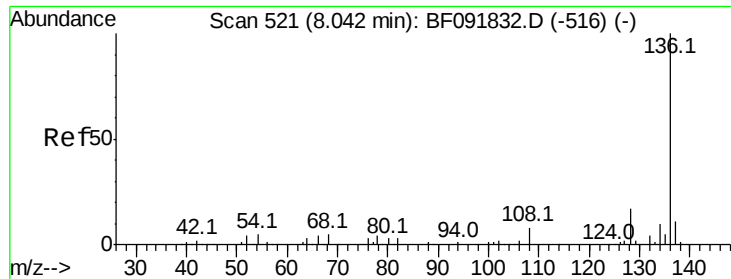


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



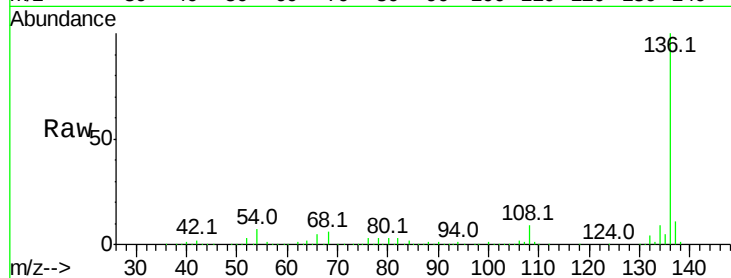


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.02 min Scan# 519
Delta R.T. -0.02 min
Lab File: BF091975.D
Acq: 27 Dec 2016 18:44

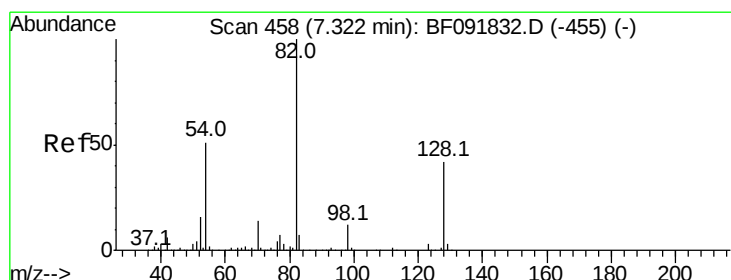
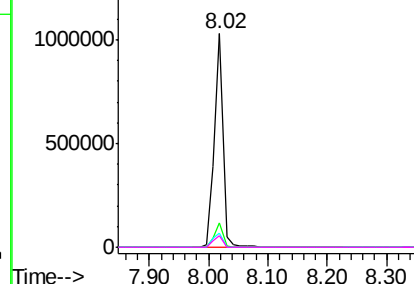
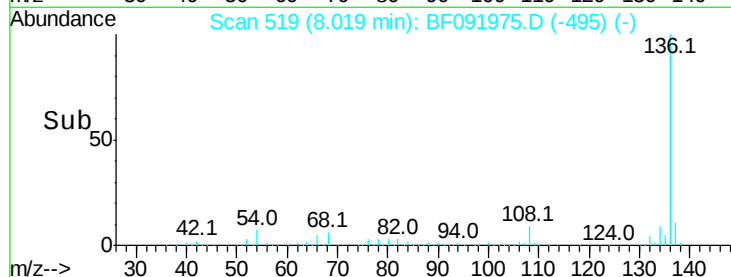
Instrument :
BNA_F
ClientSampleId :
DUP-1

Tot Ion:136 Resp: 1045097

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.4	12.6
54	6.6	4.5	6.7
68	5.6	3.6	5.4#



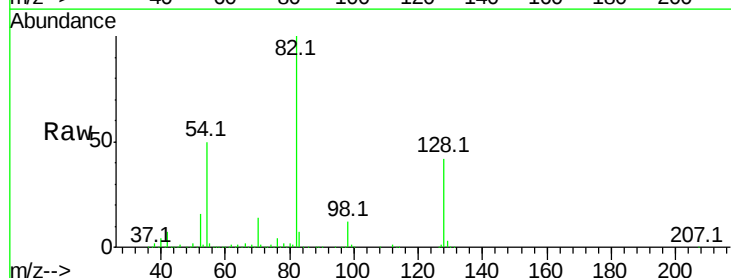
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0



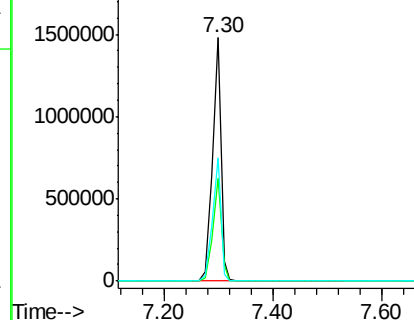
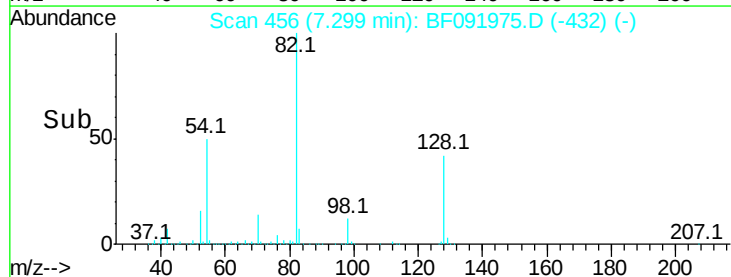
#23
Nitrobenzene-d5
Concen: 84.84 ng
RT: 7.30 min Scan# 456
Delta R.T. -0.02 min
Lab File: BF091975.D
Acq: 27 Dec 2016 18:44

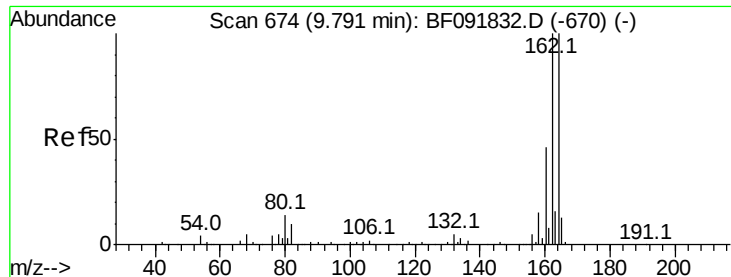
Tgt Ion: 82 Resp: 1594549

Ion	Ratio	Lower	Upper
82	100		
128	42.5	34.6	52.0
54	50.5	39.5	59.3



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

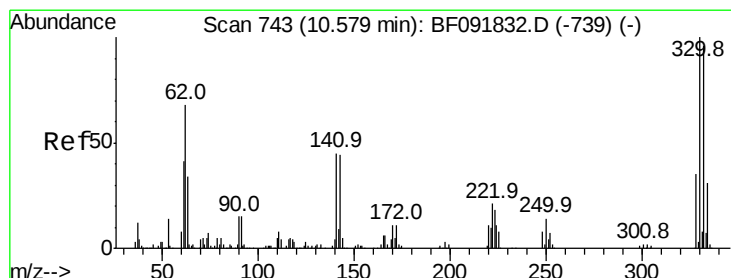
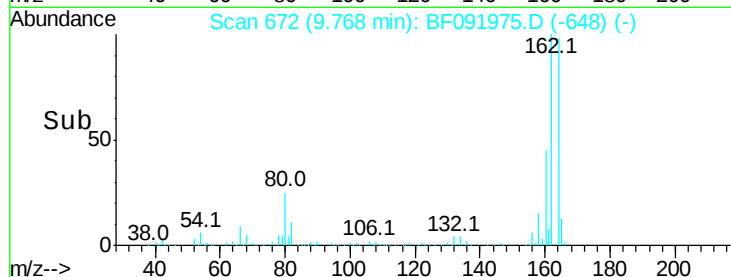
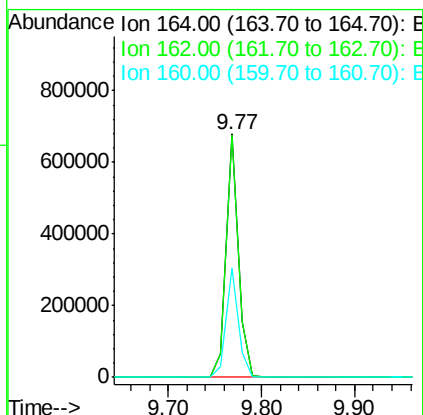
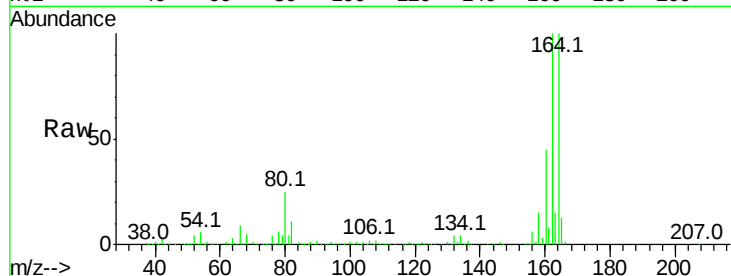




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.77 min Scan# 672
Delta R.T. -0.02 min
Lab File: BF091975.D
Acq: 27 Dec 2016 18:44

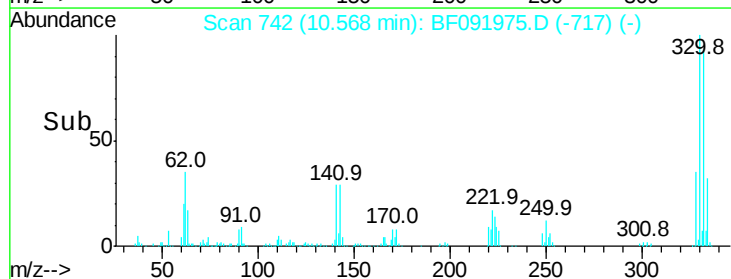
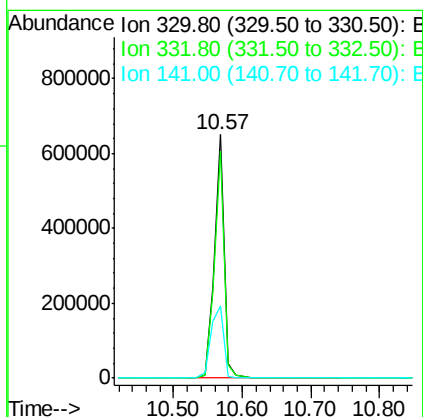
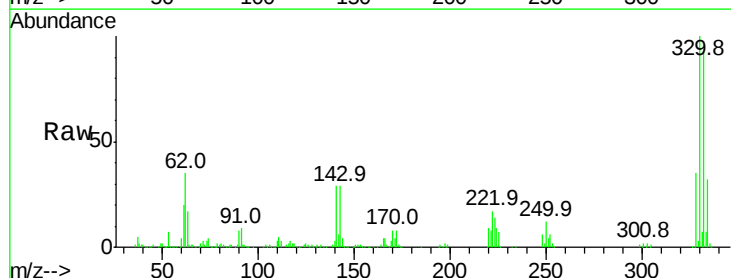
Instrument :
BNA_F
ClientSampleId :
DUP-1

Tot Ion:164 Resp: 624975
Ion Ratio Lower Upper
164 100
162 99.6 80.2 120.2
160 44.6 36.9 55.3



#41
2,4,6-Tribromophenol
Concen: 127.67 ng
RT: 10.57 min Scan# 742
Delta R.T. -0.01 min
Lab File: BF091975.D
Acq: 27 Dec 2016 18:44

Tgt Ion:330 Resp: 660341
Ion Ratio Lower Upper
330 100
332 93.4 77.4 116.2
141 38.0 34.1 51.1

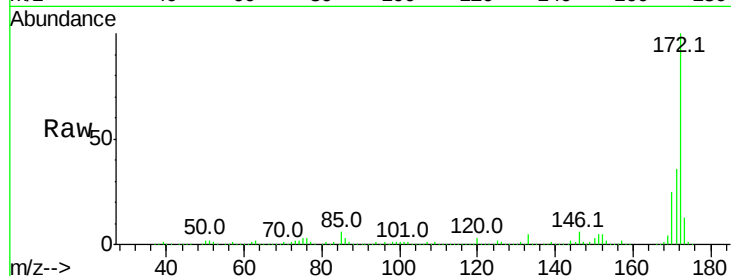




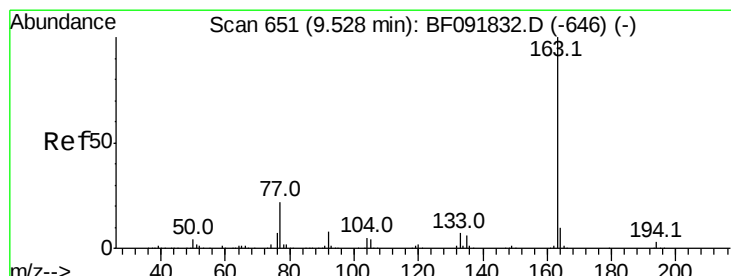
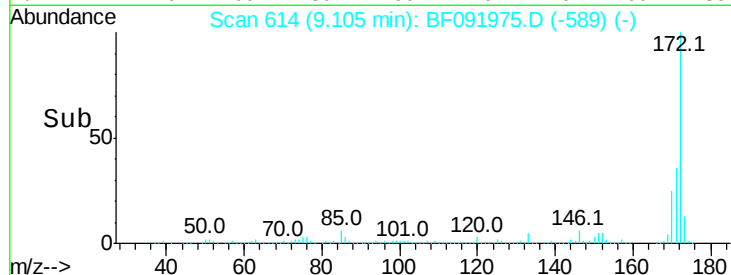
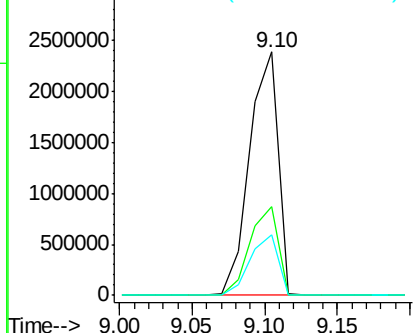
#44
2-Fluorobiphenyl
Concen: 111.35 ng
RT: 9.10 min Scan# 614
Delta R.T. -0.01 min
Lab File: BF091975.D
Acq: 27 Dec 2016 18:44

Instrument :
BNA_F
ClientSampleId :
DUP-1

Tot Ion:172 Resp: 3274446
Ion Ratio Lower Upper
172 100
171 36.4 29.4 44.0
170 24.8 20.2 30.4

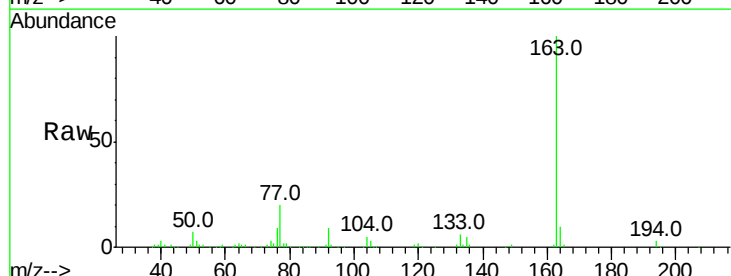


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

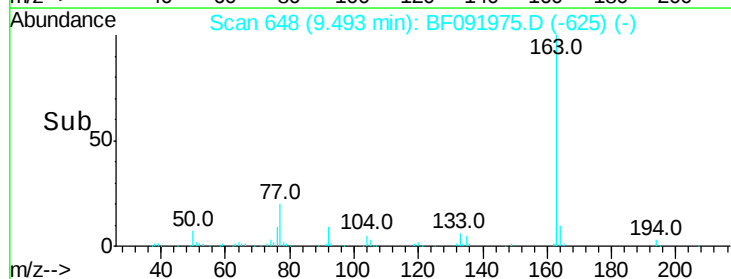
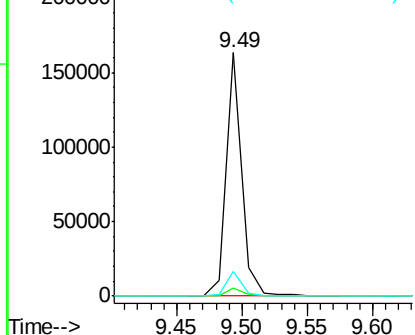


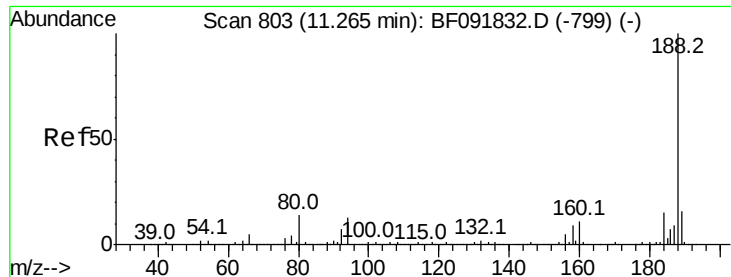
#49
Dimethylphthalate
Concen: 3.38 ng
RT: 9.49 min Scan# 648
Delta R.T. -0.03 min
Lab File: BF091975.D
Acq: 27 Dec 2016 18:44

Tgt Ion:163 Resp: 134985
Ion Ratio Lower Upper
163 100
194 3.4 3.0 4.4
164 10.1 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

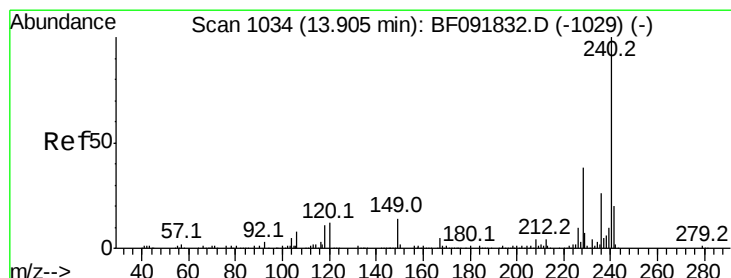
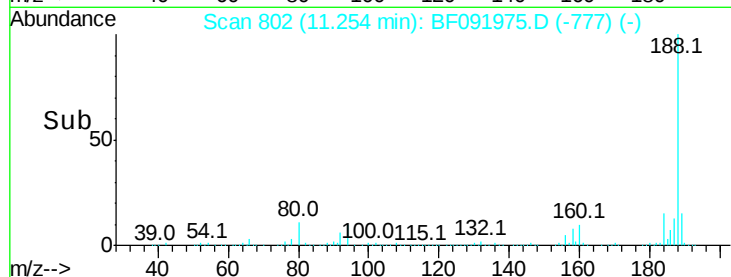
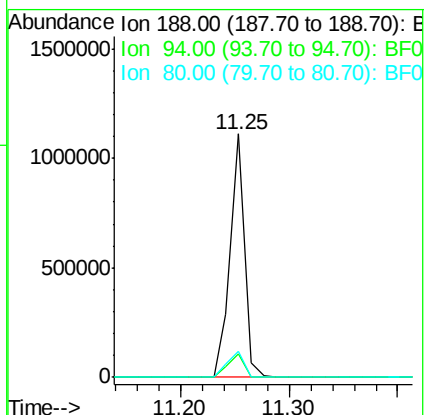
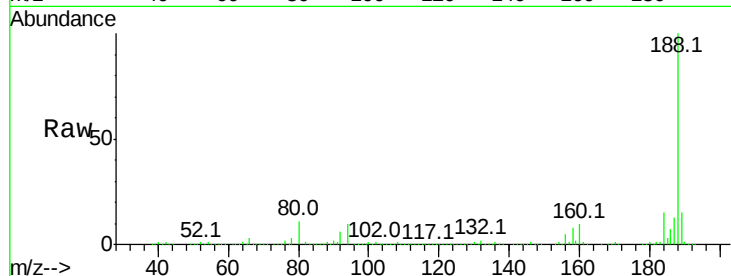




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.25 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF091975.D
Acq: 27 Dec 2016 18:44

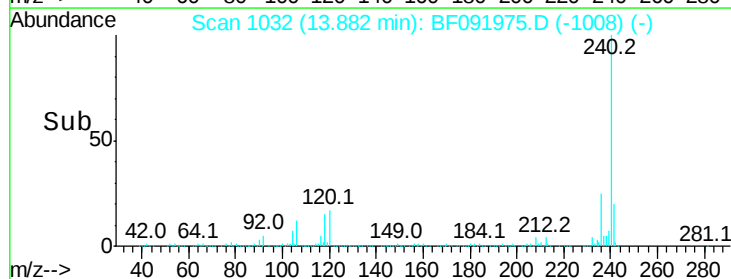
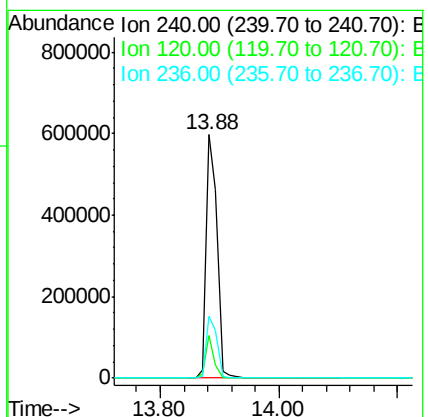
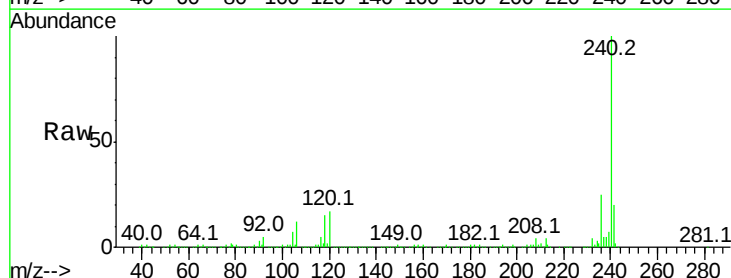
Instrument :
BNA_F
ClientSampleID :
DUP-1

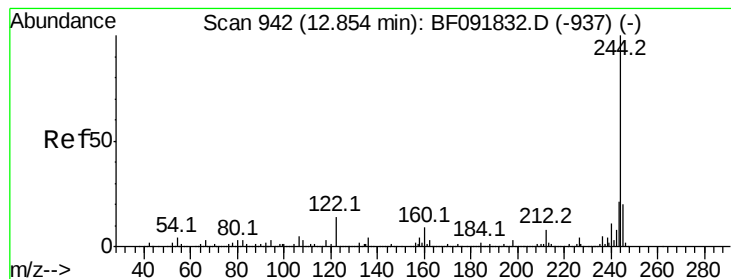
Tot Ion:188 Resp: 1020422
Ion Ratio Lower Upper
188 100
94 9.7 10.0 15.0#
80 10.7 11.2 16.8#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.88 min Scan# 1032
Delta R.T. -0.02 min
Lab File: BF091975.D
Acq: 27 Dec 2016 18:44

Tgt Ion:240 Resp: 767502
Ion Ratio Lower Upper
240 100
120 17.3 12.9 19.3
236 25.2 20.9 31.3





#78

Terphenyl-d14

Concen: 76.94 ng

RT: 12.84 min Scan# 941

Delta R.T. -0.01 min

Lab File: BF091975.D

Acq: 27 Dec 2016 18:44

Instrument :

BNA_F

ClientSampleId :

DUP-1

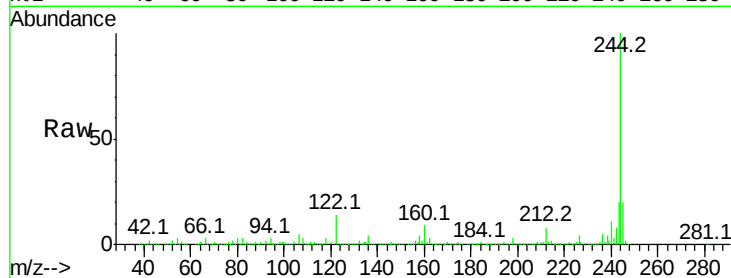
Tot Ion:244 Resp: 2434941

Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.2

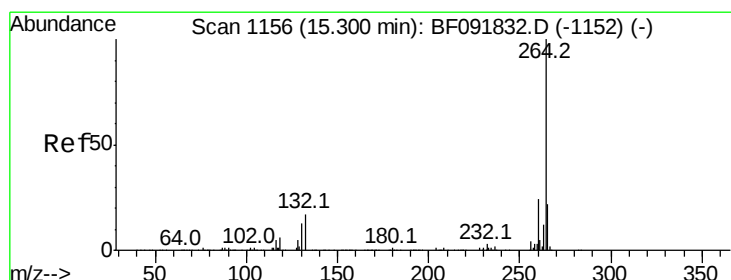
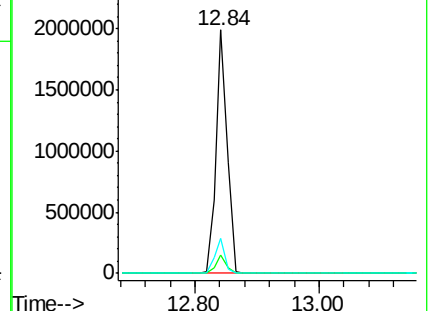
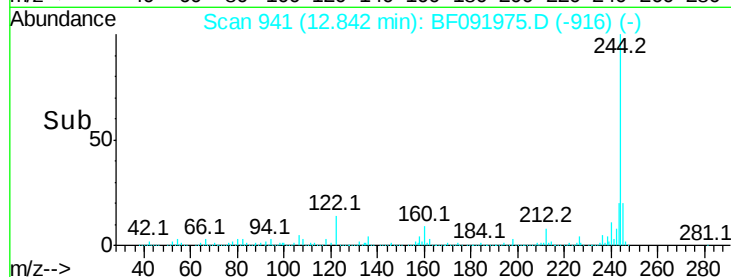
122 14.5 11.4 17.2



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: 15.29 min Scan# 1155

Delta R.T. -0.01 min

Lab File: BF091975.D

Acq: 27 Dec 2016 18:44

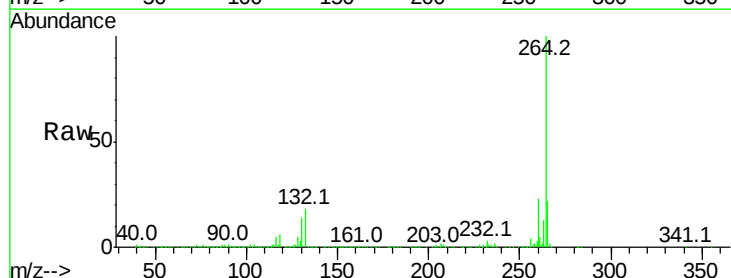
Tgt Ion:264 Resp: 594158

Ion Ratio Lower Upper

264 100

260 23.1 19.2 28.8

265 21.6 17.4 26.0



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

