

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120215\
 Data File : BF083456.D
 Acq On : 3 Dec 2015 11:27
 Operator : UM/IZ
 Sample : G4606-01DL 100X
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C-68-20151130DL

Quant Time: Dec 03 12:09:23 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 01 01:17:16 2015
 Response via : Initial Calibration

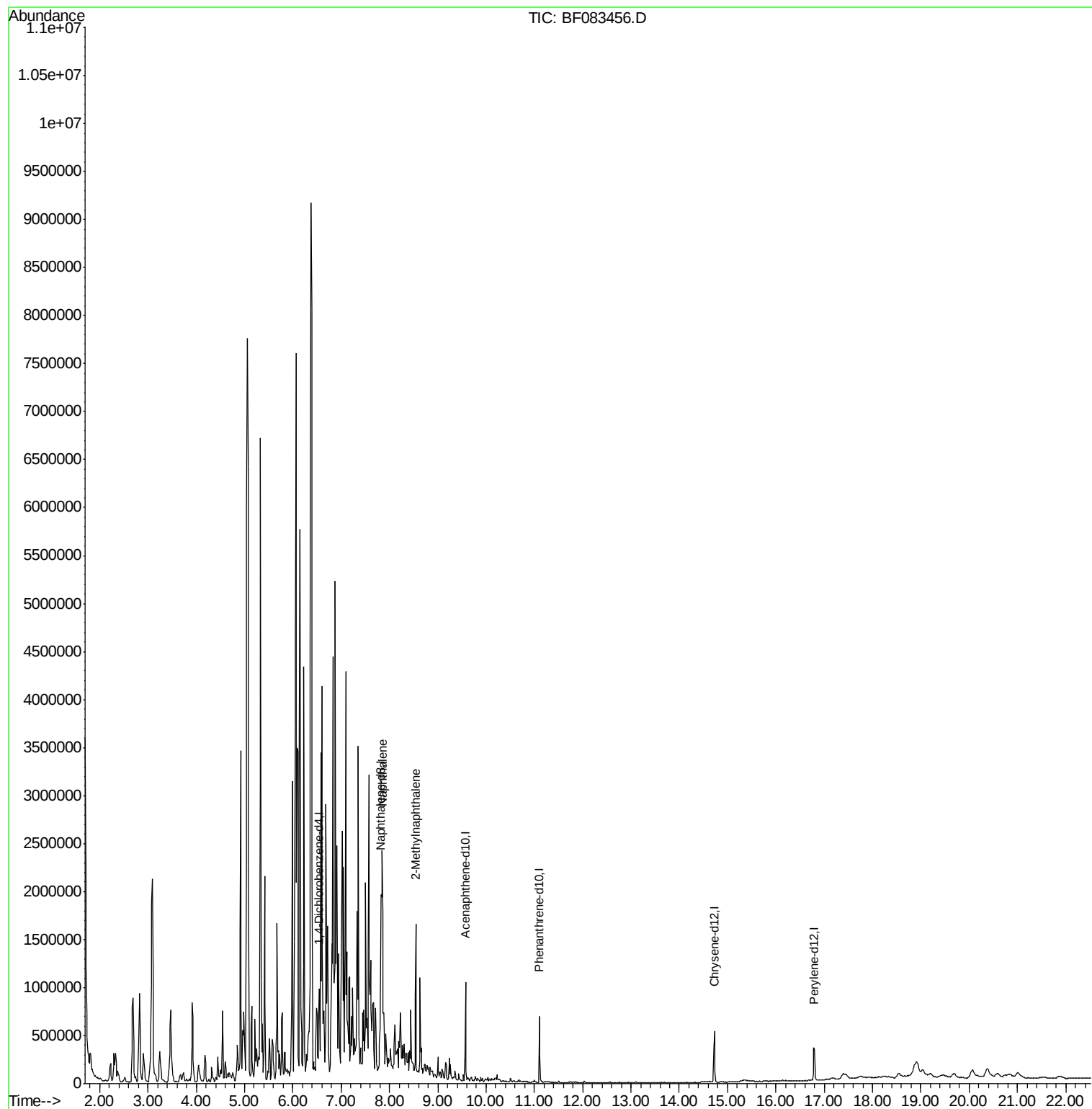
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.54	152	104986	20.00	ng	0.00
21) Naphthalene-d8	7.82	136	395332	20.00	ng	-0.01
38) Acenaphthene-d10	9.57	164	193595	20.00	ng	-0.01
63) Phenanthrene-d10	11.10	188	298061	20.00	ng	-0.02
75) Chrysene-d12	14.73	240	277799	20.00	ng	-0.03
86) Perylene-d12	16.80	264	223392	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.15	112	2270	0.32	ng	0.02
7) Phenol-d6	6.24	99	11370	1.19	ng	0.01
23) Nitrobenzene-d5	7.12	82	14378	1.60	ng	-0.01
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
44) 2-Fluorobiphenyl	8.91	172	3474	0.26	ng	-0.01
78) Terphenyl-d14	13.20	244	2693	0.23	ng	-0.02
Target Compounds						
31) Naphthalene	7.85	128	991298	46.21	ng	100
37) 2-Methylnaphthalene	8.54	142	482743	33.67	ng	99

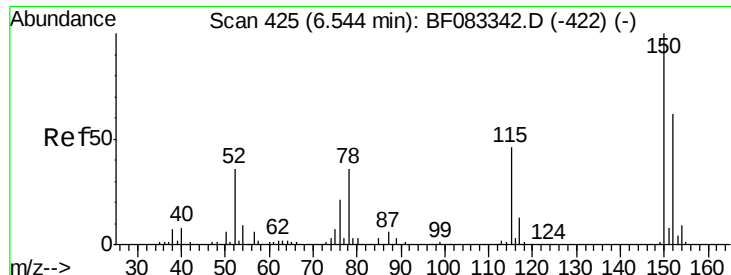
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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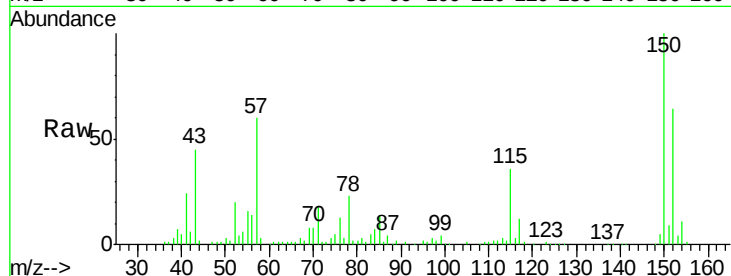


#1

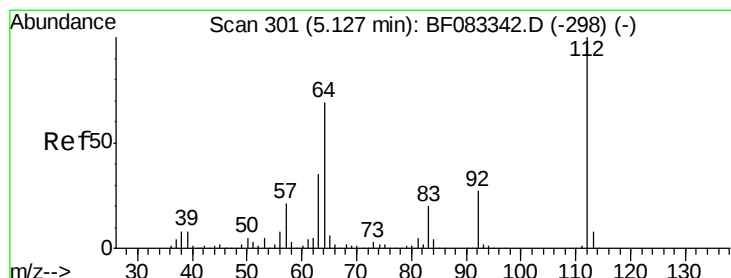
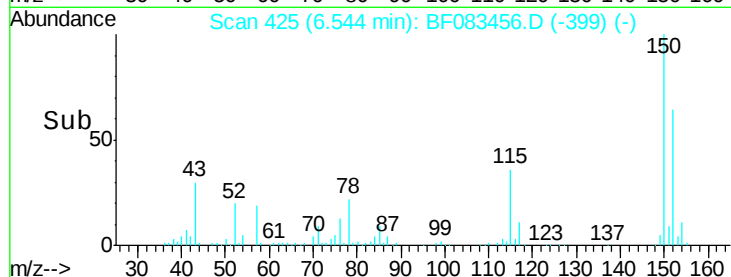
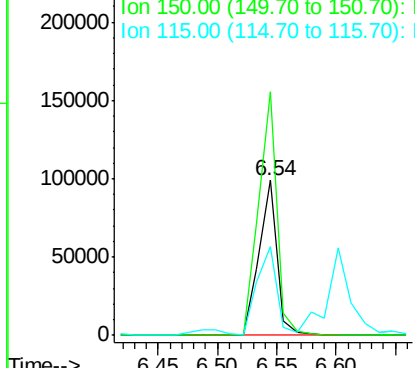
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.54 min Scan# 425
Delta R.T. -0.00 min
Lab File: BF083456.D
Acq: 3 Dec 2015 11:27

Instrument :
BNA_F
ClientSampleId :
C-68-20151130DL

Tot Ion:152 Resp: 104986
Ion Ratio Lower Upper
152 100
150 157.3 129.8 194.8
115 57.2 59.2 88.8#



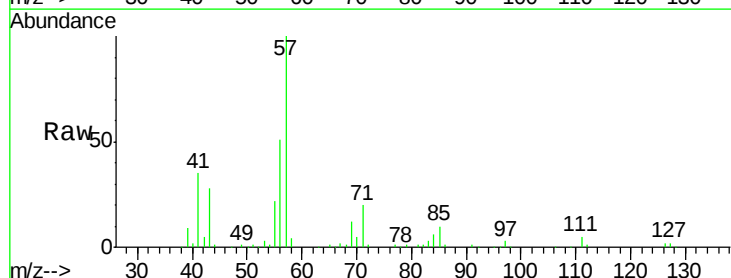
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



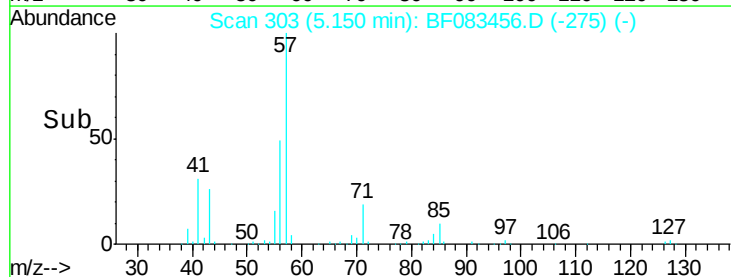
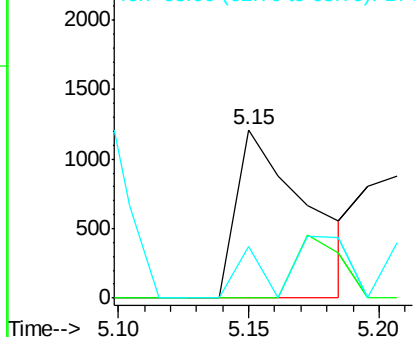
#5

2-Fluorophenol
Concen: 0.32 ng
RT: 5.15 min Scan# 303
Delta R.T. 0.02 min
Lab File: BF083456.D
Acq: 3 Dec 2015 11:27

Tgt Ion:112 Resp: 2270
Ion Ratio Lower Upper
112 100
64 0.0 55.6 83.4#
63 30.9 28.2 42.2



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: 1.19 ng

RT: 6.24 min Scan# 398

Delta R.T. 0.01 min

Lab File: BF083456.D

Acq: 3 Dec 2015 11:27

Instrument :

BNA_F

ClientSampleId :

C-68-20151130DL

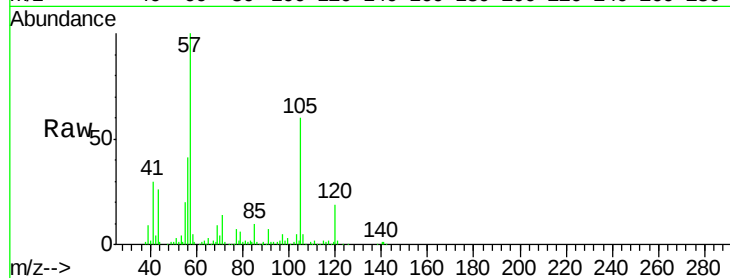
Tot Ion: 99 Resp: 11370

Ion Ratio Lower Upper

99 100

42 115.8 14.9 22.3#

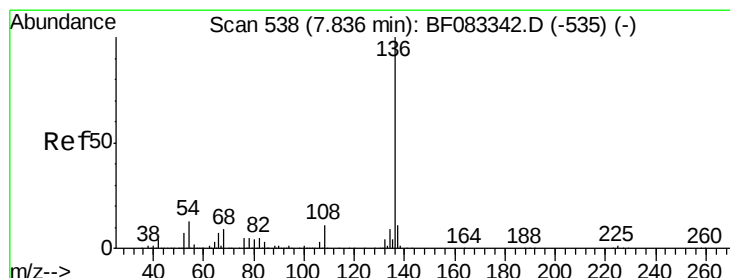
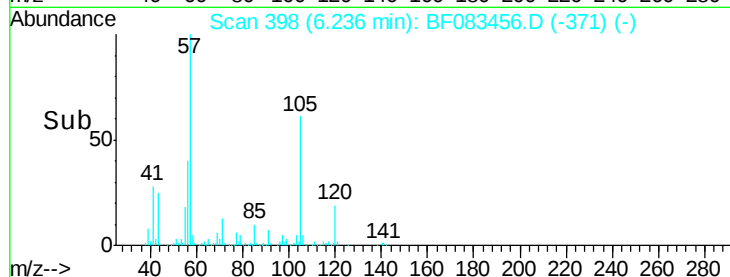
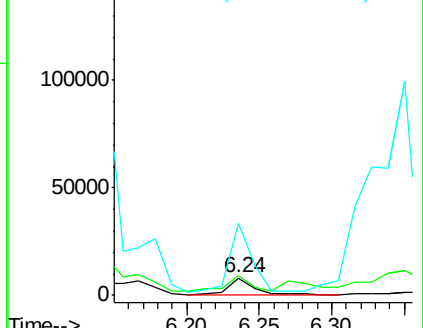
71 419.2 24.7 37.1#



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: 7.82 min Scan# 537

Delta R.T. -0.01 min

Lab File: BF083456.D

Acq: 3 Dec 2015 11:27

Tgt Ion:136 Resp: 395332

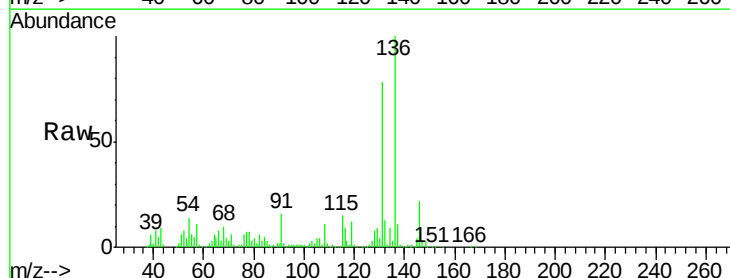
Ion Ratio Lower Upper

136 100

137 11.5 9.0 13.4

54 13.9 10.1 15.1

68 9.6 7.1 10.7

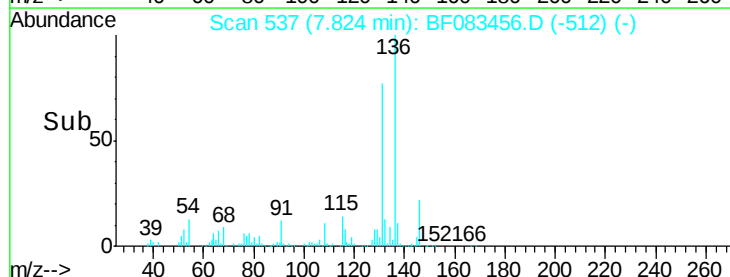
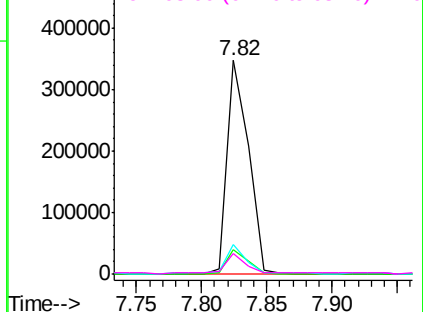


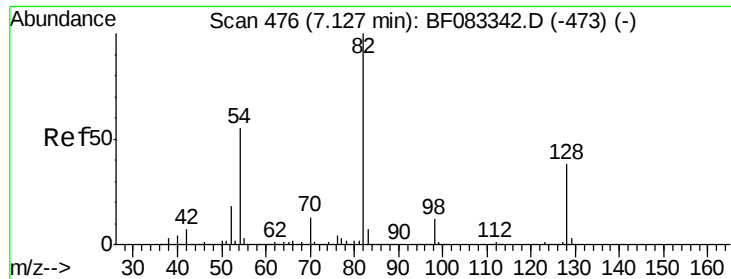
Abundance Ion 136.00 (135.70 to 136.70): E

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

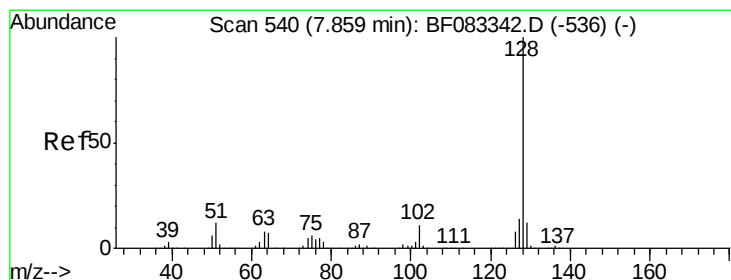
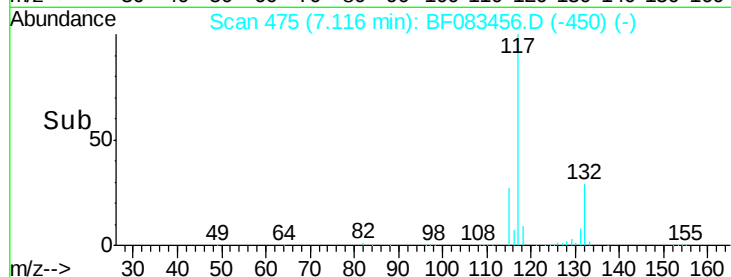
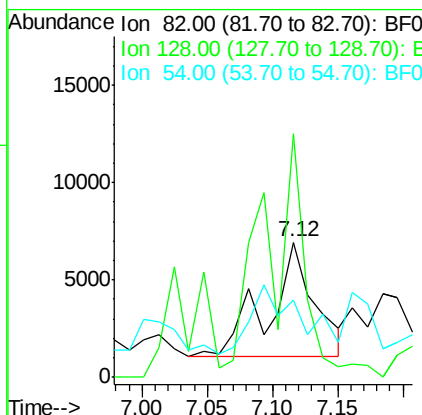
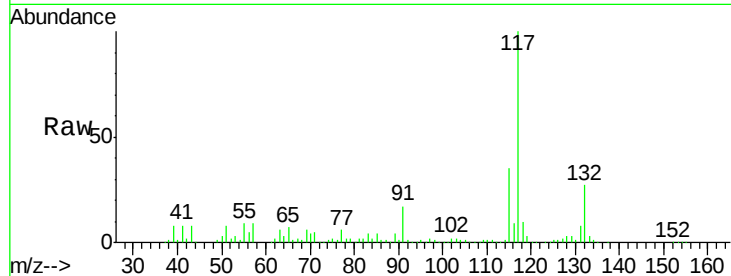




#23
Nitrobenzene-d5
Concen: 1.60 ng
RT: 7.12 min Scan# 475
Delta R.T. -0.01 min
Lab File: BF083456.D
Acq: 3 Dec 2015 11:27

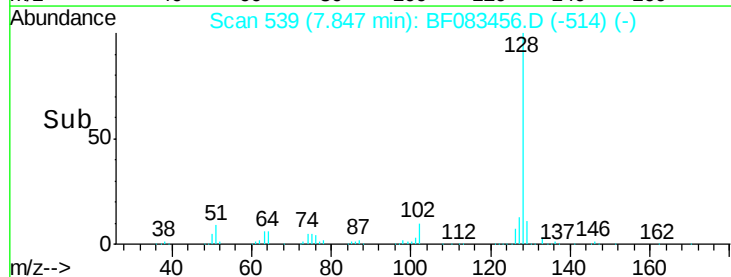
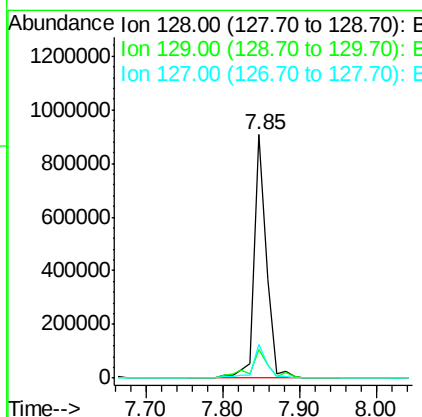
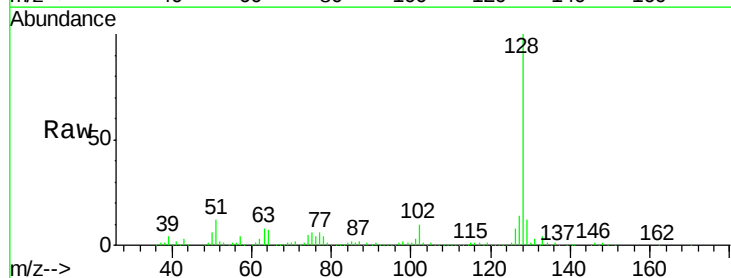
Instrument :
BNA_F
ClientSampleId :
C-68-20151130DL

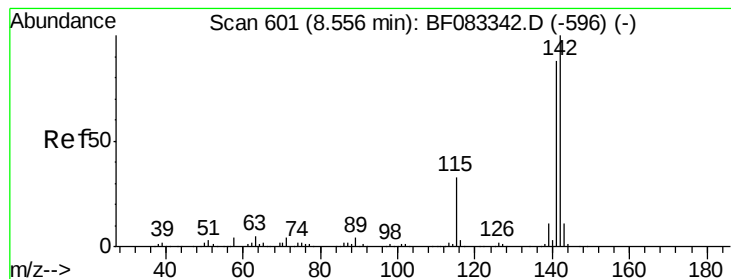
Tot Ion: 82 Resp: 14378
Ion Ratio Lower Upper
82 100
128 180.3 30.6 46.0#
54 56.8 43.8 65.6



#31
Naphthalene
Concen: 46.21 ng
RT: 7.85 min Scan# 539
Delta R.T. -0.01 min
Lab File: BF083456.D
Acq: 3 Dec 2015 11:27

Tgt Ion:128 Resp: 991298
Ion Ratio Lower Upper
128 100
129 11.9 9.7 14.5
127 13.7 11.0 16.4





#37

2-Methylnaphthalene

Concen: 33.67 ng

RT: 8.54 min Scan# 600

Delta R.T. -0.01 min

Lab File: BF083456.D

Acq: 3 Dec 2015 11:27

Instrument :

BNA_F

ClientSampleId :

C-68-20151130DL

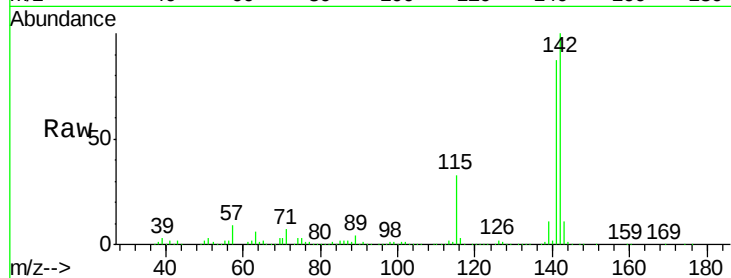
Tot Ion:142 Resp: 482743

Ion Ratio Lower Upper

142 100

141 87.1 70.6 105.8

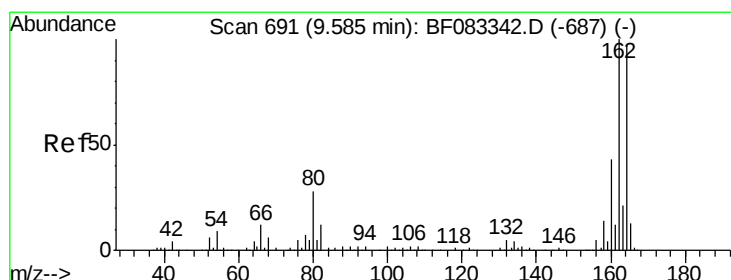
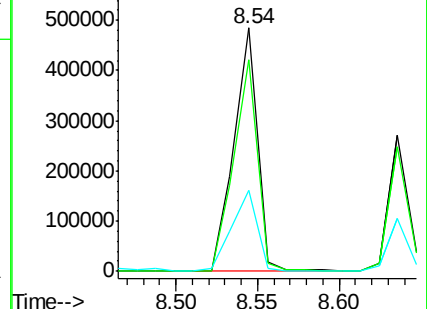
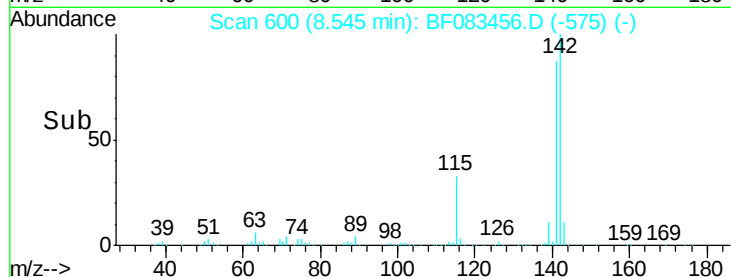
115 33.4 26.2 39.2



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: 20.00 ng

RT: 9.57 min Scan# 690

Delta R.T. -0.01 min

Lab File: BF083456.D

Acq: 3 Dec 2015 11:27

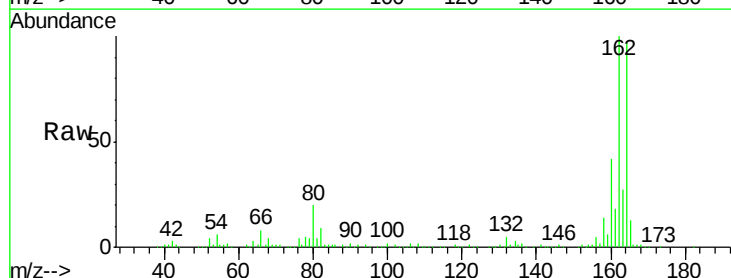
Tgt Ion:164 Resp: 193595

Ion Ratio Lower Upper

164 100

162 103.1 82.6 123.8

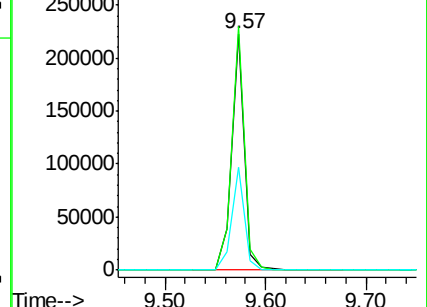
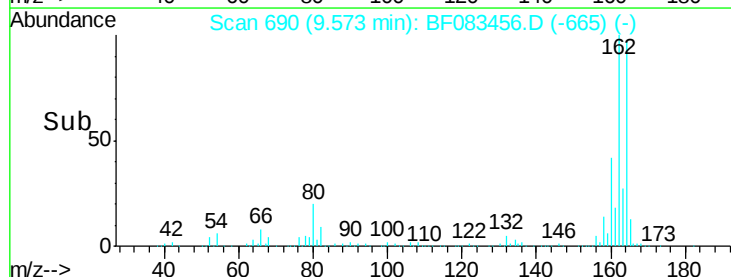
160 43.6 35.3 52.9

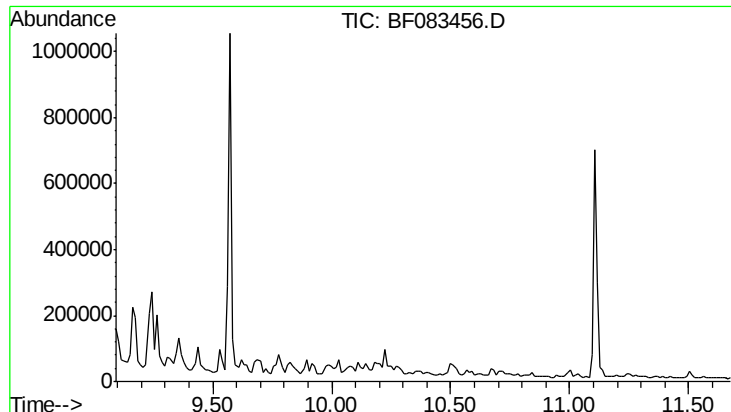


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

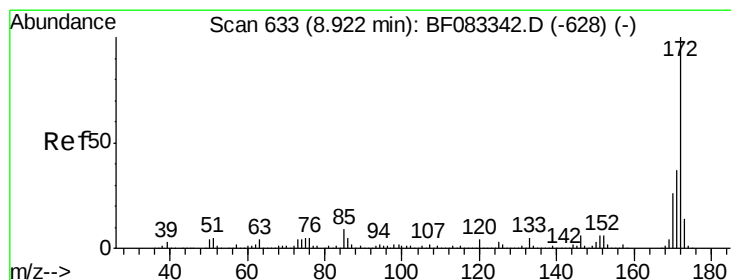
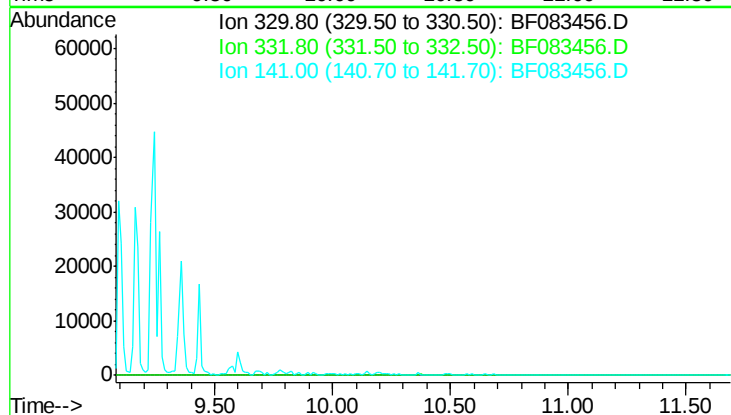




#41
 2,4,6-Tribromophenol
 Concen: 0.00 ng
 Expected RT: 10.38 min
 Lab File: BF083456.D
 Acq: 3 Dec 2015 11:27

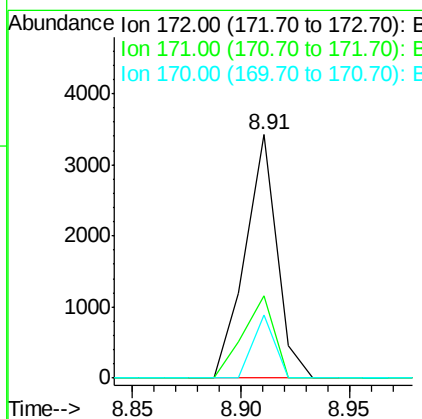
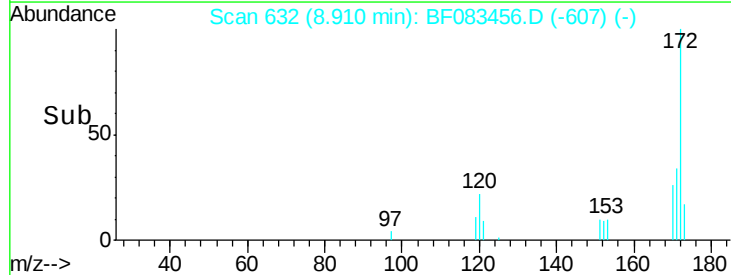
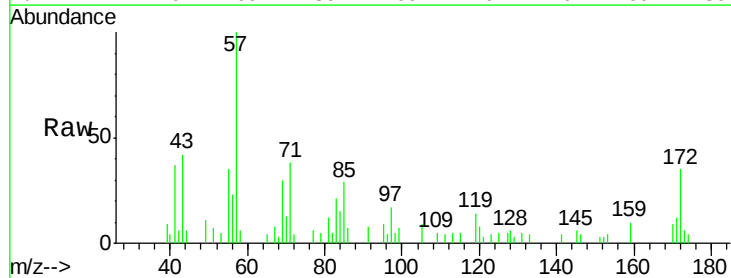
Instrument :
 BNA_F
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 C-68-20151130DL

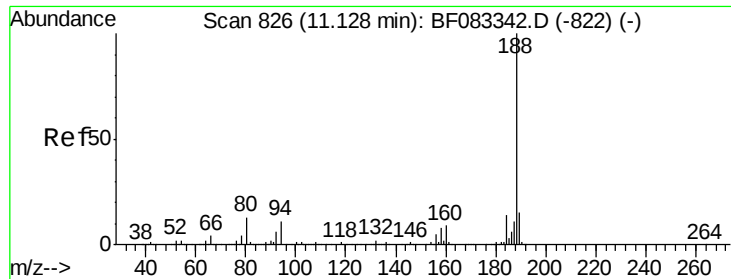
Tot Ion: 330
 Sig Exp Ratio
 330 100
 332 97.2
 141 36.7



#44
 2-Fluorobiphenyl
 Concen: 0.26 ng
 RT: 8.91 min Scan# 632
 Delta R.T. -0.01 min
 Lab File: BF083456.D
 Acq: 3 Dec 2015 11:27

Tgt Ion: 172 Resp: 3474
 Ion Ratio Lower Upper
 172 100
 171 33.6 29.4 44.0
 170 25.8 20.4 30.6





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.10 min Scan# 824

Delta R.T. -0.02 min

Lab File: BF083456.D

Acq: 3 Dec 2015 11:27

Instrument :

BNA_F

ClientSampleId :

C-68-20151130DL

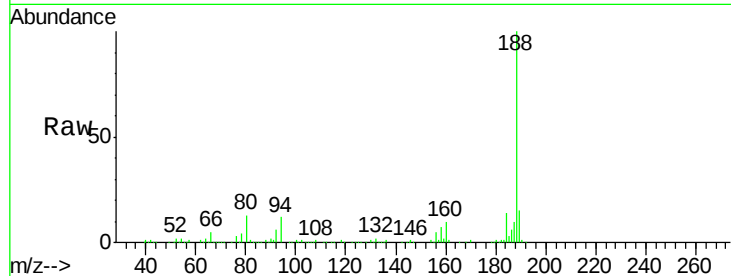
Tot Ion:188 Resp: 298061

Ion Ratio Lower Upper

188 100

94 11.8 8.7 13.1

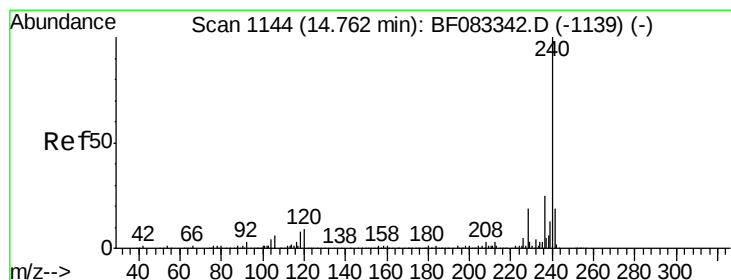
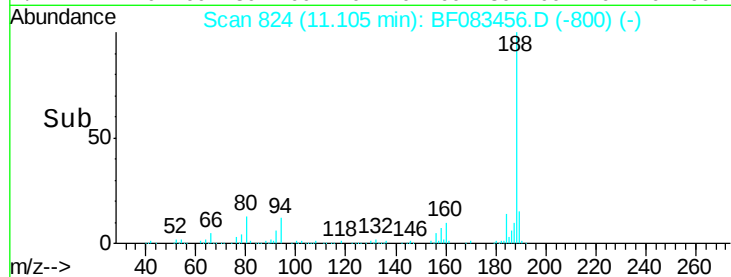
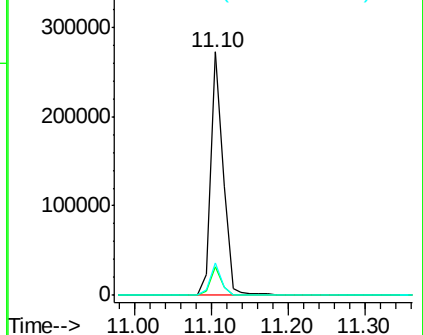
80 13.4 10.3 15.5



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



#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.73 min Scan# 1141

Delta R.T. -0.03 min

Lab File: BF083456.D

Acq: 3 Dec 2015 11:27

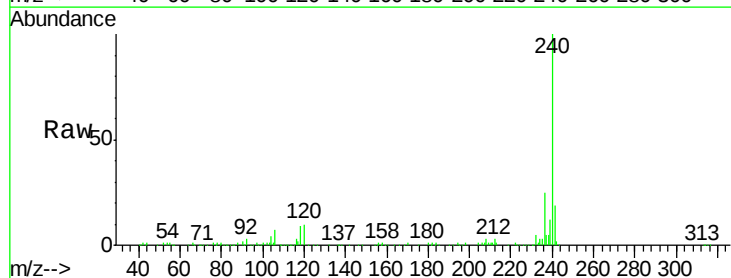
Tgt Ion:240 Resp: 277799

Ion Ratio Lower Upper

240 100

120 10.1 6.9 10.3

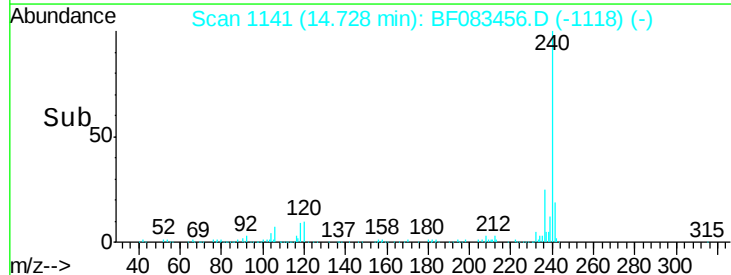
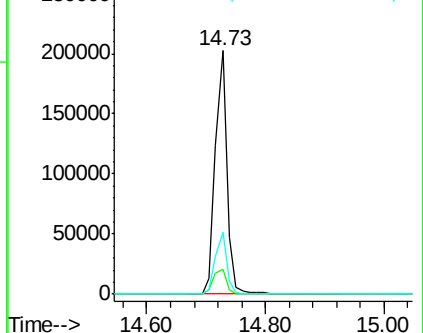
236 25.2 19.8 29.6

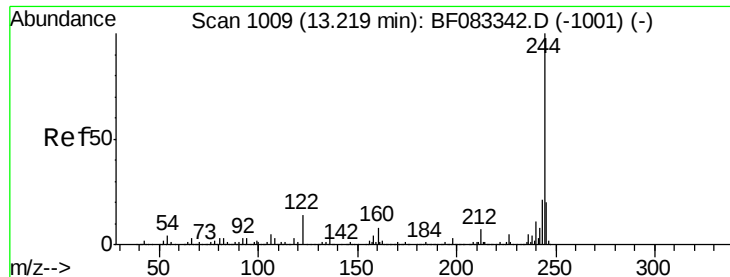


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 0.23 ng

RT: 13.20 min Scan# 1007

Delta R.T. -0.02 min

Lab File: BF083456.D

Acq: 3 Dec 2015 11:27

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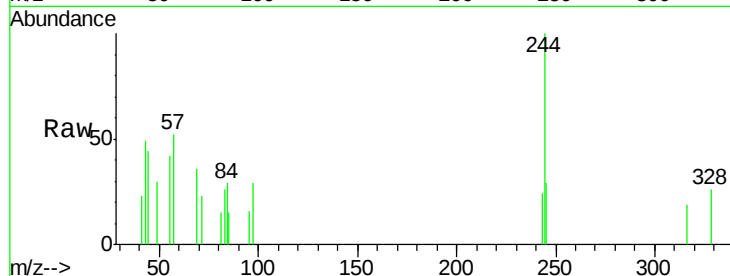
Tot Ion:244 Resp: 2693

Ion Ratio Lower Upper

244 100

212 0.0 5.8 8.8#

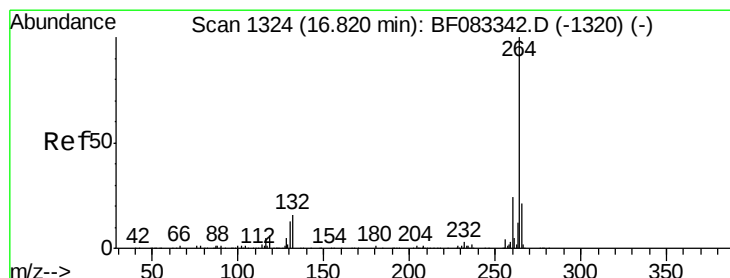
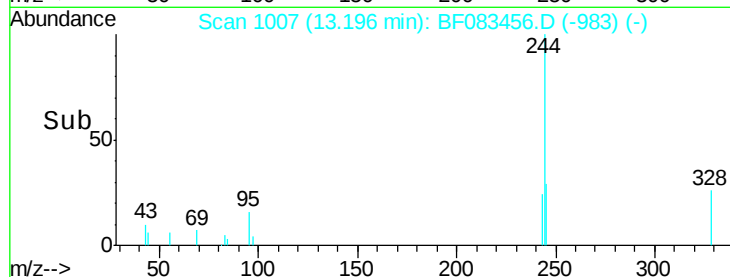
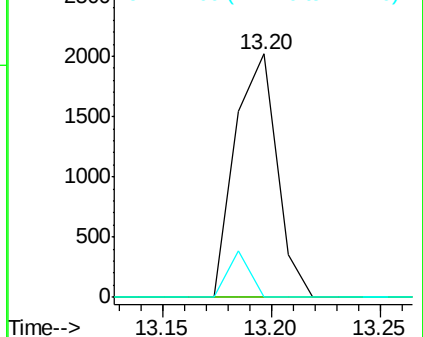
122 0.0 11.0 16.4#



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: 20.00 ng

RT: 16.80 min Scan# 1322

Delta R.T. -0.02 min

Lab File: BF083456.D

Acq: 3 Dec 2015 11:27

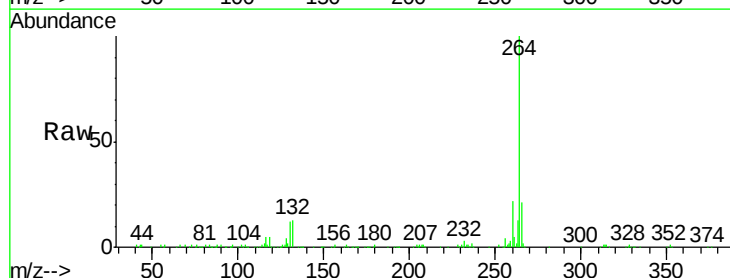
Tgt Ion:264 Resp: 223392

Ion Ratio Lower Upper

264 100

260 22.4 19.0 28.4

265 21.3 16.8 25.2



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

