

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092716\
 Data File : BF090269.D
 Acq On : 27 Sep 2016 23:10
 Operator : UM/SJ
 Sample : H4949-08
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-4-5-LOC-4(10-15)

Quant Time: Sep 28 00:45:41 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 26 15:58:38 2016
 Response via : Initial Calibration

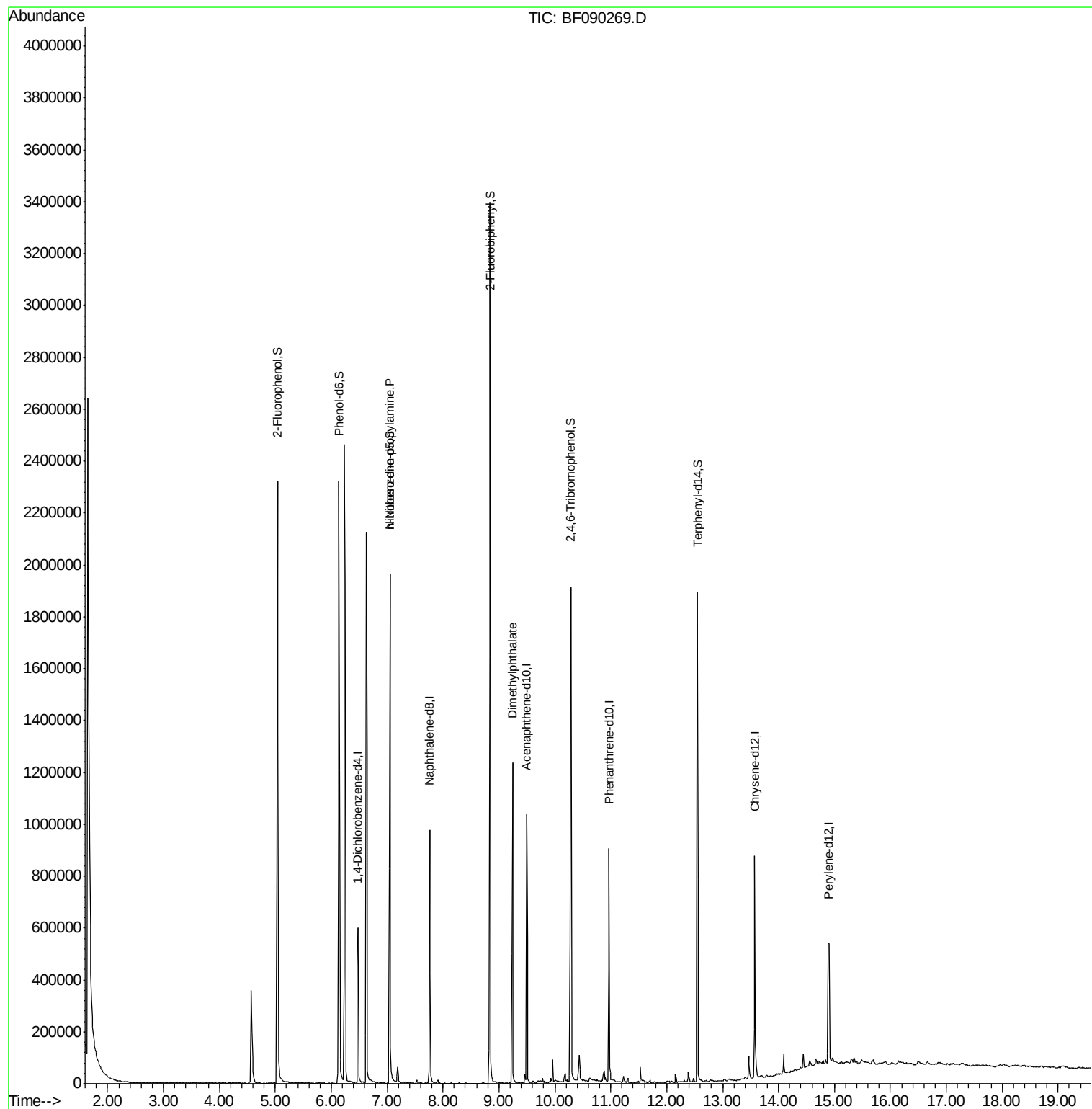
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.48	152	139817	20.00	ng	0.00
21) Naphthalene-d8	7.76	136	537722	20.00	ng	-0.01
38) Acenaphthene-d10	9.50	164	278282	20.00	ng	-0.01
63) Phenanthrene-d10	10.97	188	396860	20.00	ng	-0.01
75) Chrysene-d12	13.58	240	293618	20.00	ng	-0.02
86) Perylene-d12	14.90	264	260609	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.04	112	1065496	124.22	ng	0.01
7) Phenol-d6	6.14	99	1383127	130.57	ng	0.00
23) Nitrobenzene-d5	7.05	82	808894	87.20	ng	-0.01
41) 2,4,6-Tribromophenol	10.28	330	244239	102.30	ng	-0.01
44) 2-Fluorobiphenyl	8.84	172	1272691	89.78	ng	-0.01
78) Terphenyl-d14	12.55	244	679363	58.74	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.05	70	97465	15.66	ng	Qvalue # 79
49) Dimethylphthalate	9.24	163	614076	34.65	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: 6.48 min Scan# 428

Delta R.T. 0.00 min

Lab File: BF090269.D

Acq: 27 Sep 2016 23:10

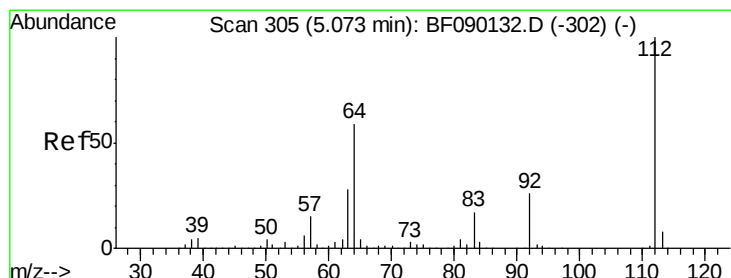
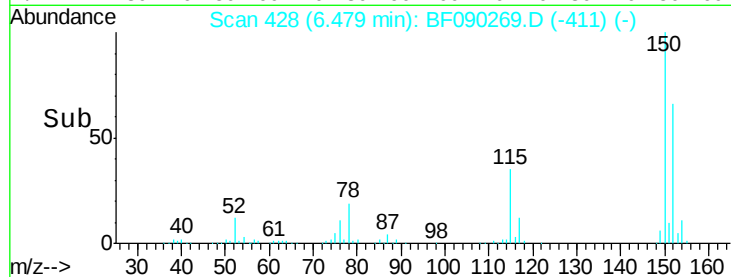
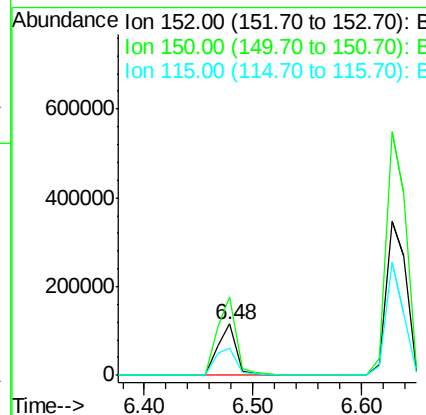
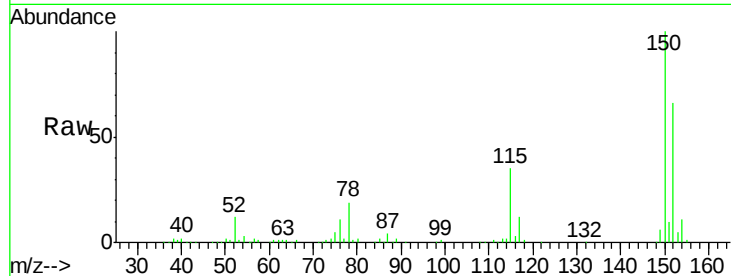
Instrument :

BNA_F

ClientSampleId :

S-4-5-LOC-4(10-15)

Tgt Ion:152 Resp: 139817
 Ion Ratio Lower Upper
 152 100
 150 152.3 128.9 193.3
 115 52.8 55.5 83.3#



#5

2-Fluorophenol

Concen: 124.22 ng

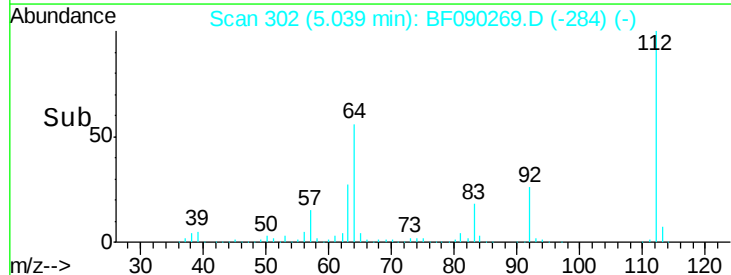
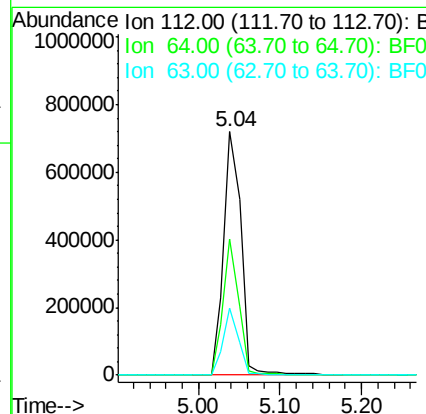
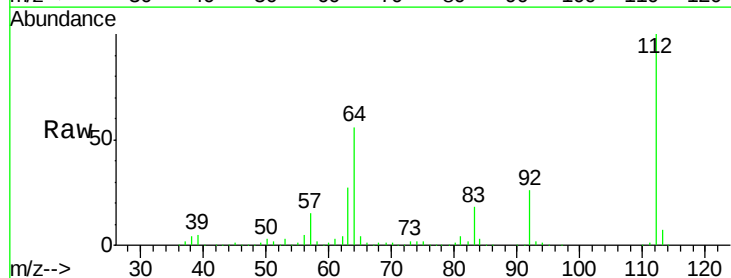
RT: 5.04 min Scan# 302

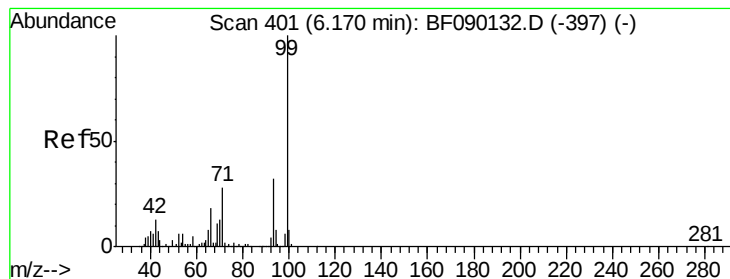
Delta R.T. 0.01 min

Lab File: BF090269.D

Acq: 27 Sep 2016 23:10

Tgt Ion:112 Resp: 1065496
 Ion Ratio Lower Upper
 112 100
 64 55.8 39.8 59.6
 63 27.3 18.9 28.3





#7

Phenol-d6

Concen: 130.57 ng

RT: 6.14 min Scan# 398

Delta R.T. -0.00 min

Lab File: BF090269.D

Acq: 27 Sep 2016 23:10

Instrument :

BNA_F

ClientSampleId :

S-4-5-LOC-4(10-15)

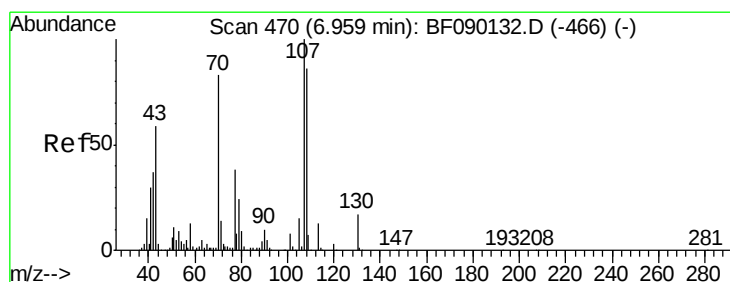
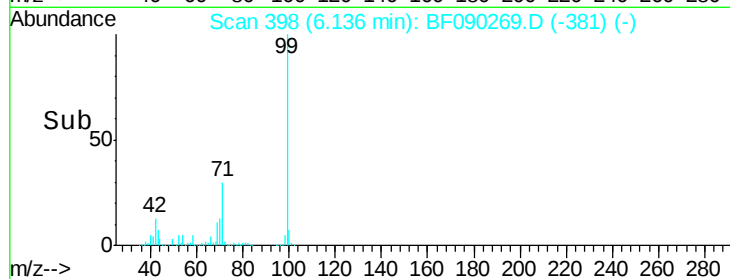
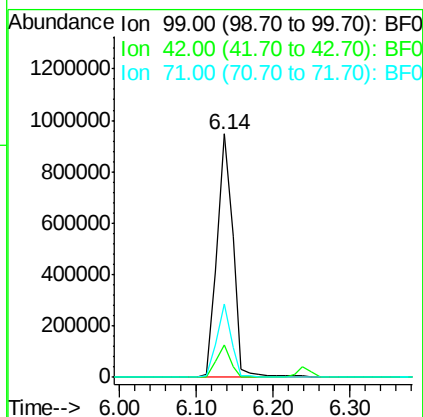
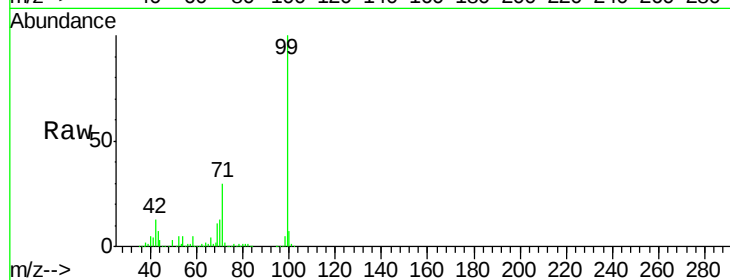
Tgt Ion: 99 Resp: 1383127

Ion Ratio Lower Upper

99 100

42 13.4 10.6 15.8

71 30.2 23.0 34.6



#19

n-Nitroso-di-n-propylamine

Concen: 15.66 ng

RT: 7.05 min Scan# 478

Delta R.T. 0.14 min

Lab File: BF090269.D

Acq: 27 Sep 2016 23:10

Tgt Ion: 70 Resp: 97465

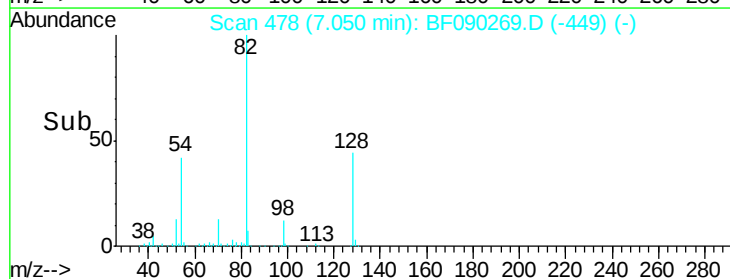
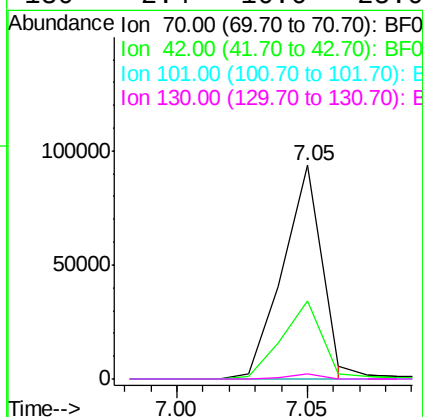
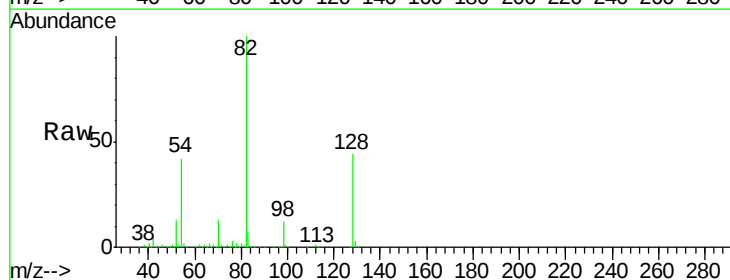
Ion Ratio Lower Upper

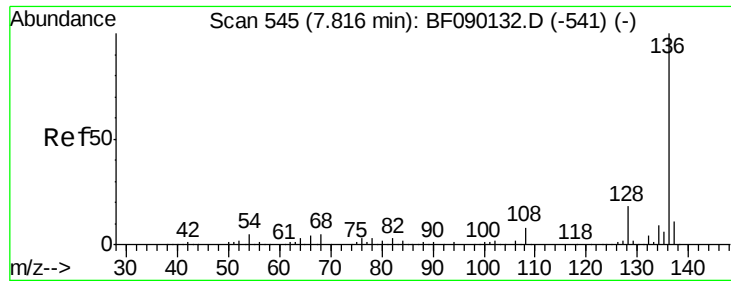
70 100

42 36.7 35.1 52.7

101 0.0 7.5 11.3#

130 2.4 16.6 25.0#

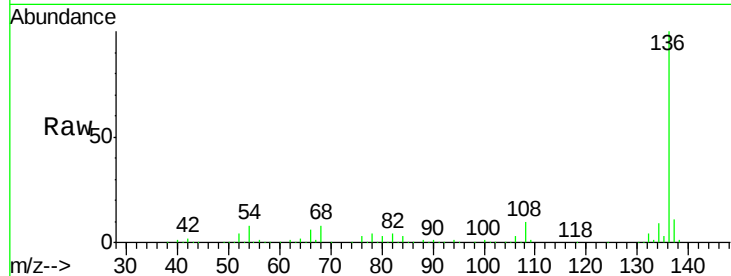




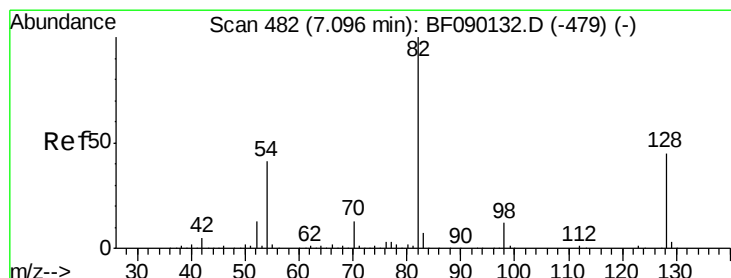
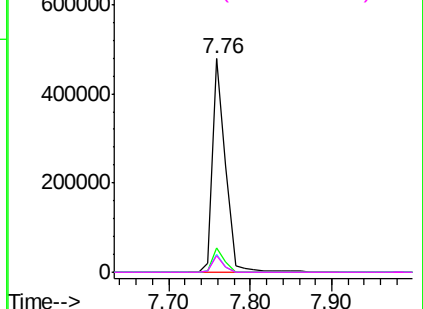
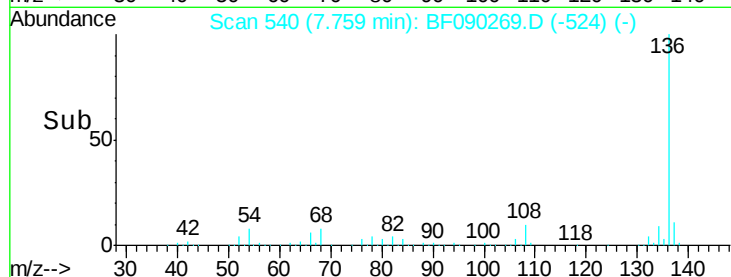
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.76 min Scan# 540
Delta R.T. -0.01 min
Lab File: BF090269.D
Acq: 27 Sep 2016 23:10

Instrument :
BNA_F
ClientSampleId :
S-4-5-LOC-4(10-15)

Tgt Ion:	136	Resp:	537722
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.4
54	8.4	6.4	9.6
68	7.9	6.3	9.5

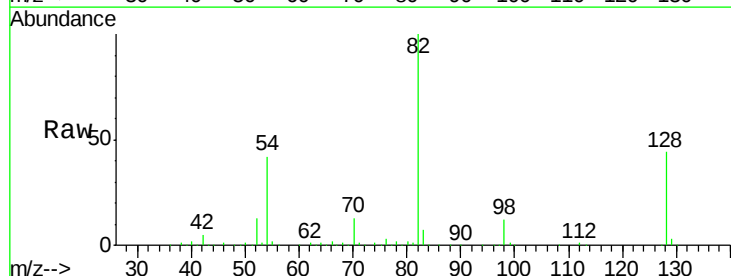


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

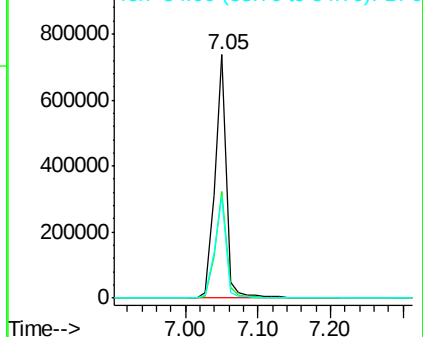
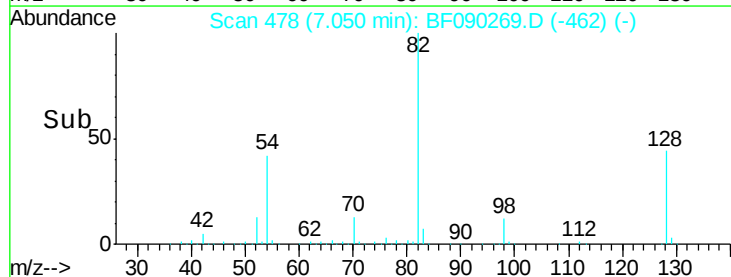


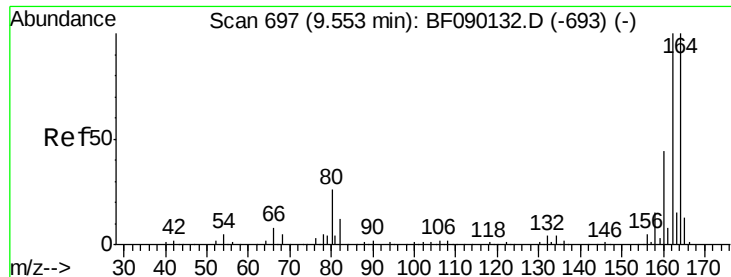
#23
Nitrobenzene-d5
Concen: 87.20 ng
RT: 7.05 min Scan# 478
Delta R.T. -0.01 min
Lab File: BF090269.D
Acq: 27 Sep 2016 23:10

Tgt Ion:	82	Resp:	808894
Ion	Ratio	Lower	Upper
82	100		
128	43.8	37.5	56.3
54	41.9	31.9	47.9



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

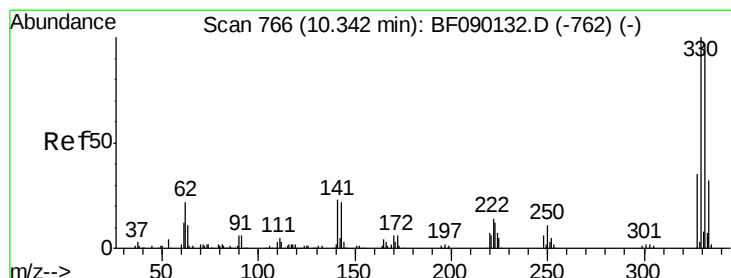
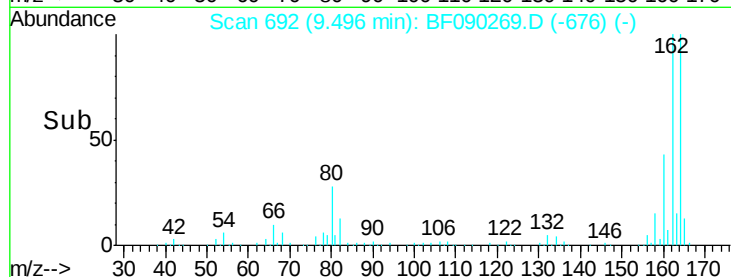
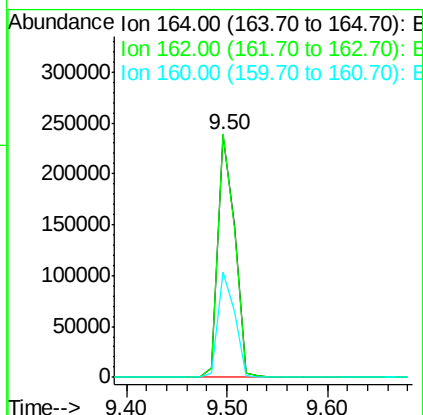
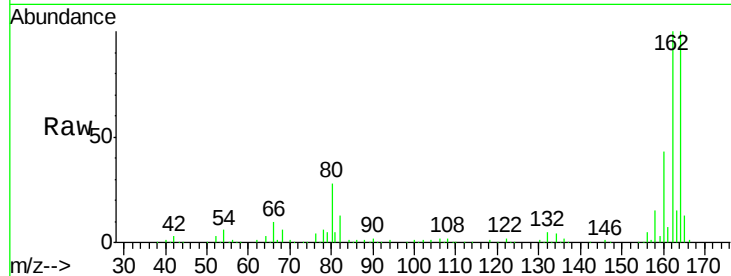




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.50 min Scan# 692
 Delta R.T. -0.01 min
 Lab File: BF090269.D
 Acq: 27 Sep 2016 23:10

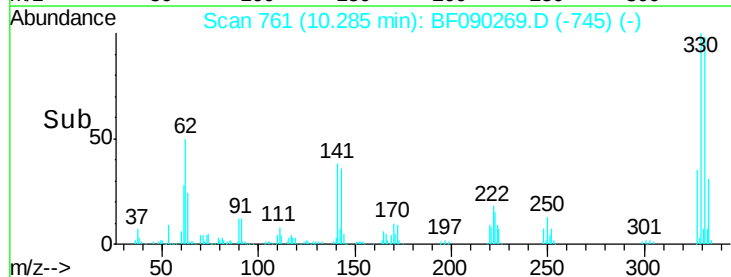
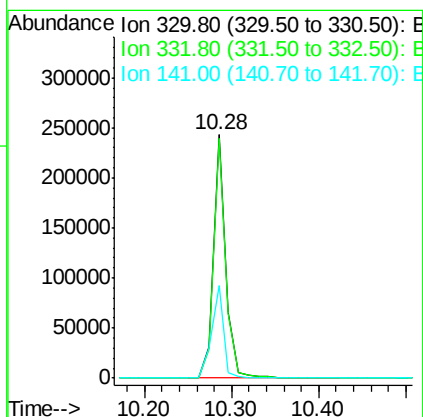
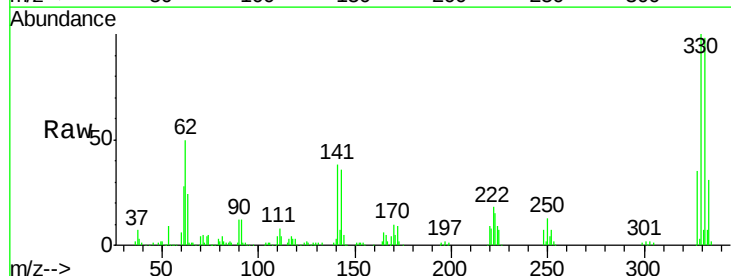
Instrument :
 BNA_F
 ClientSampleId :
 S-4-5-LOC-4(10-15)

Tgt Ion:164 Resp: 278282
 Ion Ratio Lower Upper
 164 100
 162 100.2 81.4 122.2
 160 43.4 36.6 54.8



#41
 2,4,6-Tribromophenol
 Concen: 102.30 ng
 RT: 10.28 min Scan# 761
 Delta R.T. -0.01 min
 Lab File: BF090269.D
 Acq: 27 Sep 2016 23:10

Tgt Ion:330 Resp: 244239
 Ion Ratio Lower Upper
 330 100
 332 97.6 78.1 117.1
 141 37.1 23.9 35.9#

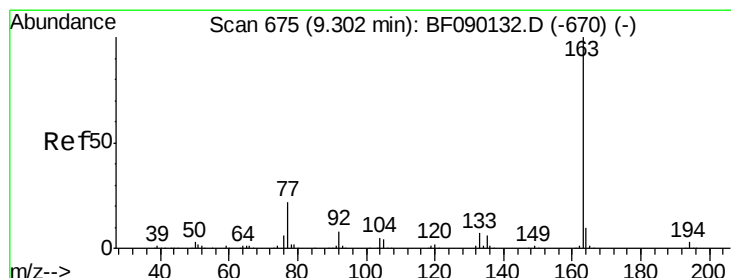
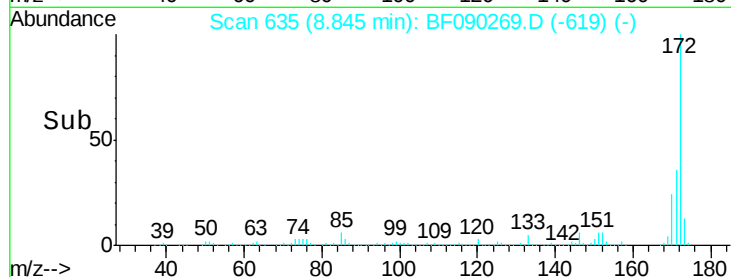
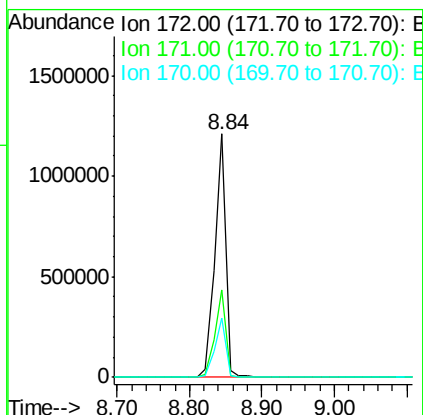
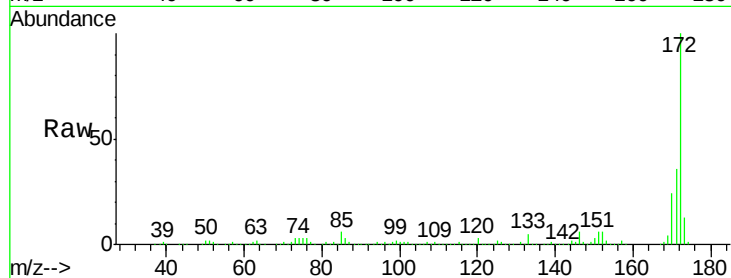




#44
 2-Fluorobiphenyl
 Concen: 89.78 ng
 RT: 8.84 min Scan# 635
 Delta R.T. -0.01 min
 Lab File: BF090269.D
 Acq: 27 Sep 2016 23:10

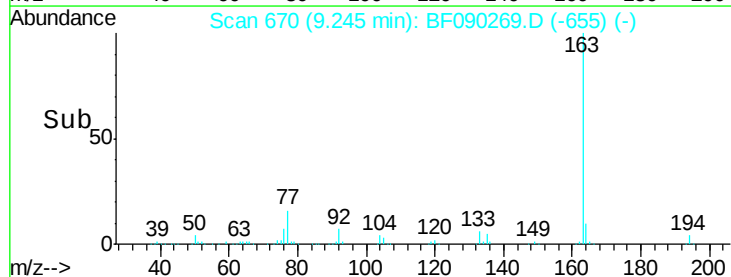
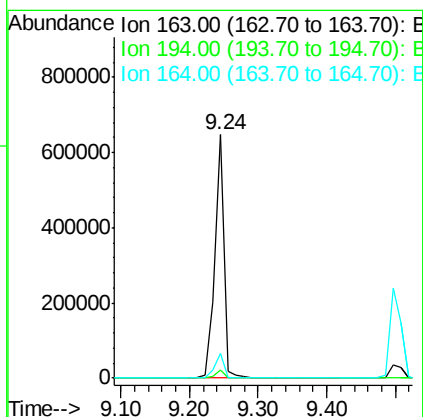
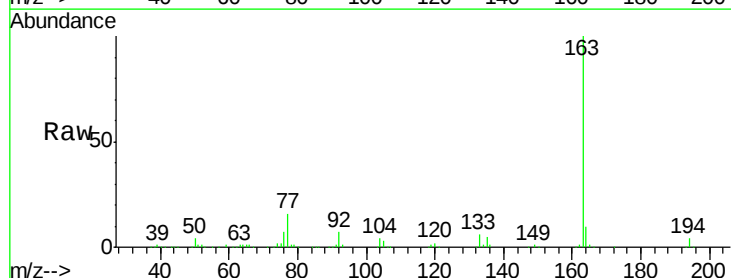
Instrument :
 BNA_F
 ClientSampleId :
 S-4-5-LOC-4(10-15)

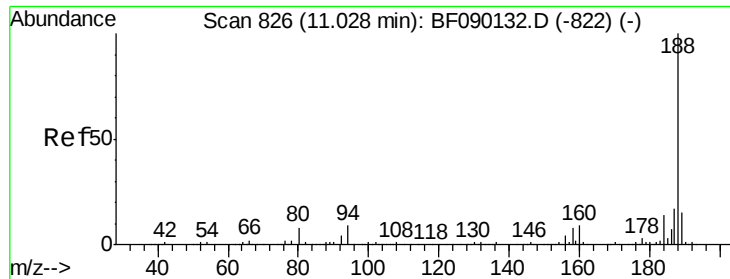
Tgt Ion:172 Resp: 1272691
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.2 43.8
 170 24.4 19.8 29.8



#49
 Dimethylphthalate
 Concen: 34.65 ng
 RT: 9.24 min Scan# 670
 Delta R.T. -0.02 min
 Lab File: BF090269.D
 Acq: 27 Sep 2016 23:10

Tgt Ion:163 Resp: 614076
 Ion Ratio Lower Upper
 163 100
 194 3.5 2.8 4.2
 164 9.9 8.1 12.1

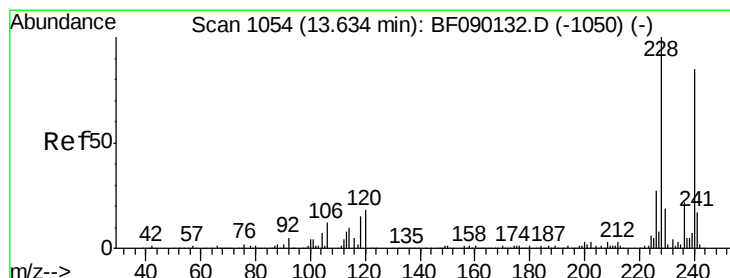
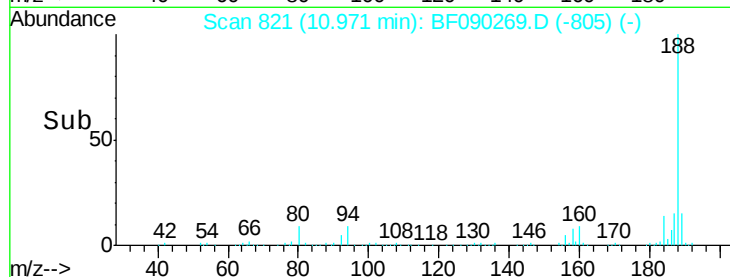
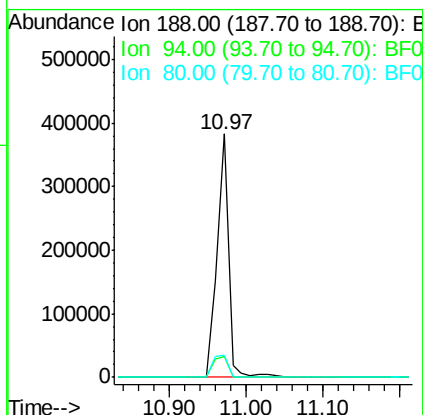
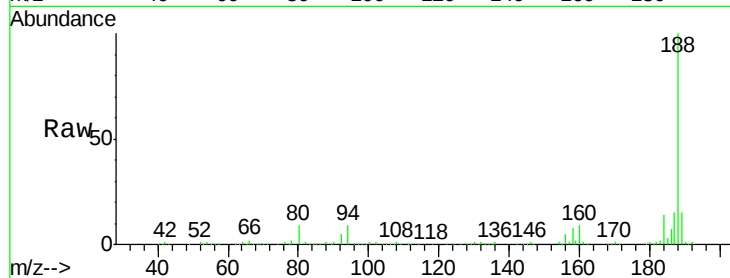




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.97 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF090269.D
Acq: 27 Sep 2016 23:10

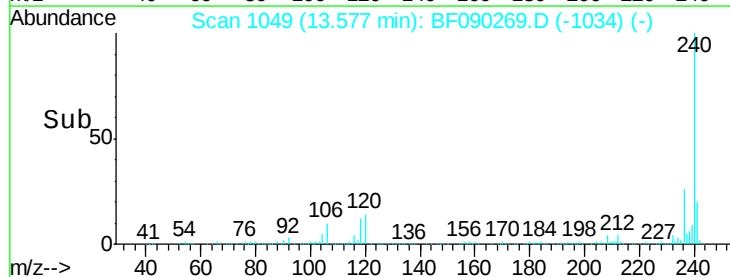
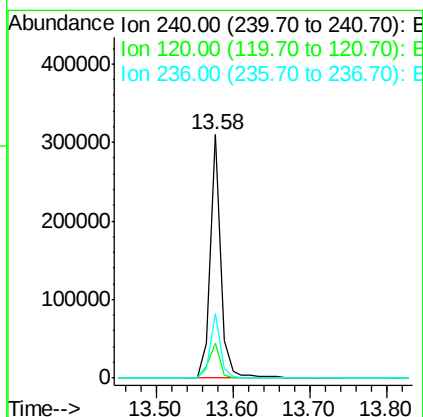
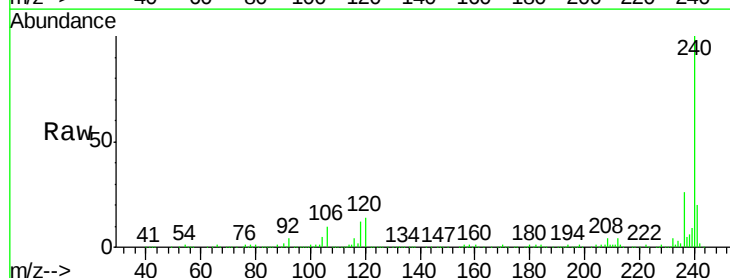
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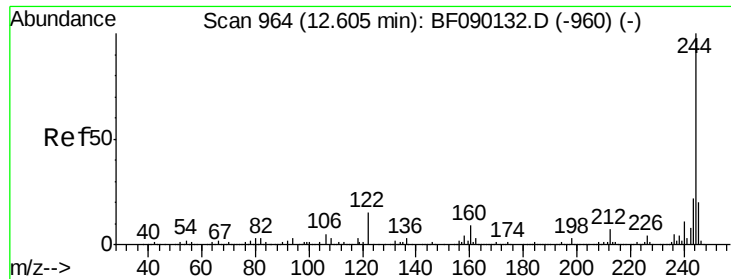
Tgt Ion:188 Resp: 396860
Ion Ratio Lower Upper
188 100
94 8.6 10.5 15.7#
80 8.9 11.2 16.8#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.58 min Scan# 1049
Delta R.T. -0.02 min
Lab File: BF090269.D
Acq: 27 Sep 2016 23:10

Tgt Ion:240 Resp: 293618
Ion Ratio Lower Upper
240 100
120 14.3 10.6 16.0
236 26.3 21.6 32.4





#78

Terphenyl-d14

Concen: 58.74 ng

RT: 12.55 min Scan# 959

Delta R.T. -0.01 min

Lab File: BF090269.D

Acq: 27 Sep 2016 23:10

Instrument :

BNA_F

ClientSampleId :

S-4-5-LOC-4(10-15)

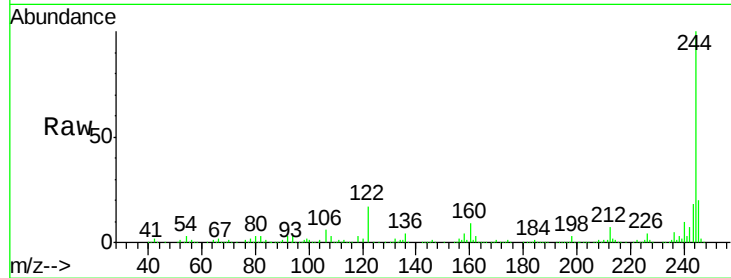
Tgt Ion:244 Resp: 679363

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.8

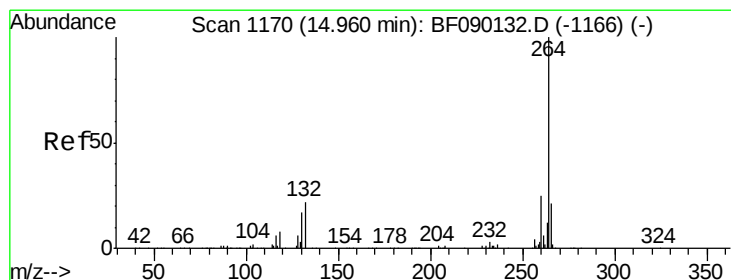
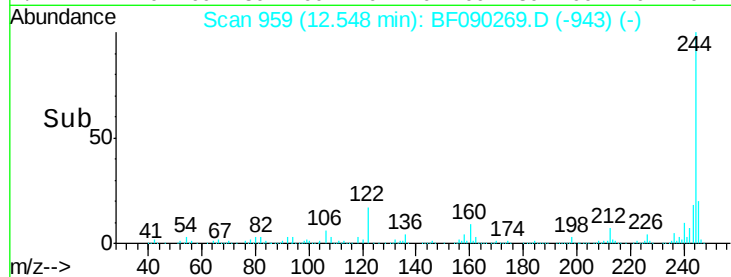
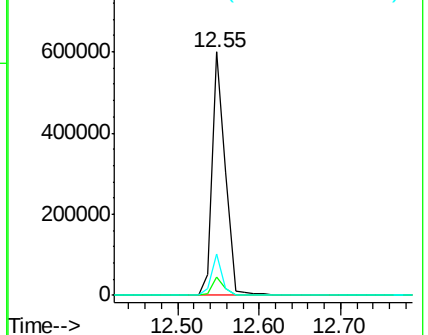
122 17.1 9.4 14.0#



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: 14.90 min Scan# 1165

Delta R.T. -0.01 min

Lab File: BF090269.D

Acq: 27 Sep 2016 23:10

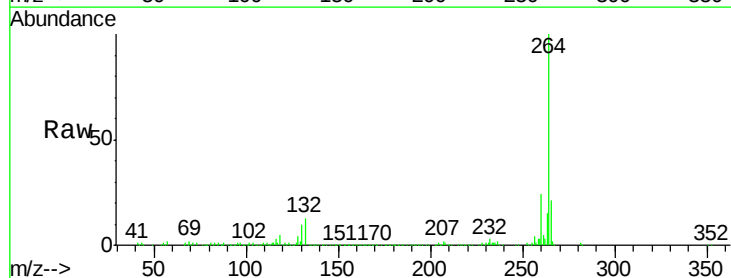
Tgt Ion:264 Resp: 260609

Ion Ratio Lower Upper

264 100

260 23.9 19.5 29.3

265 20.9 17.0 25.4



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

