

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011217\
 Data File : BF092214.D
 Acq On : 12 Jan 2017 18:17
 Operator : UM/SJ
 Sample : I1029-15
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-008

Quant Time: Jan 12 23:57:53 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 06 15:43:51 2017
 Response via : Initial Calibration

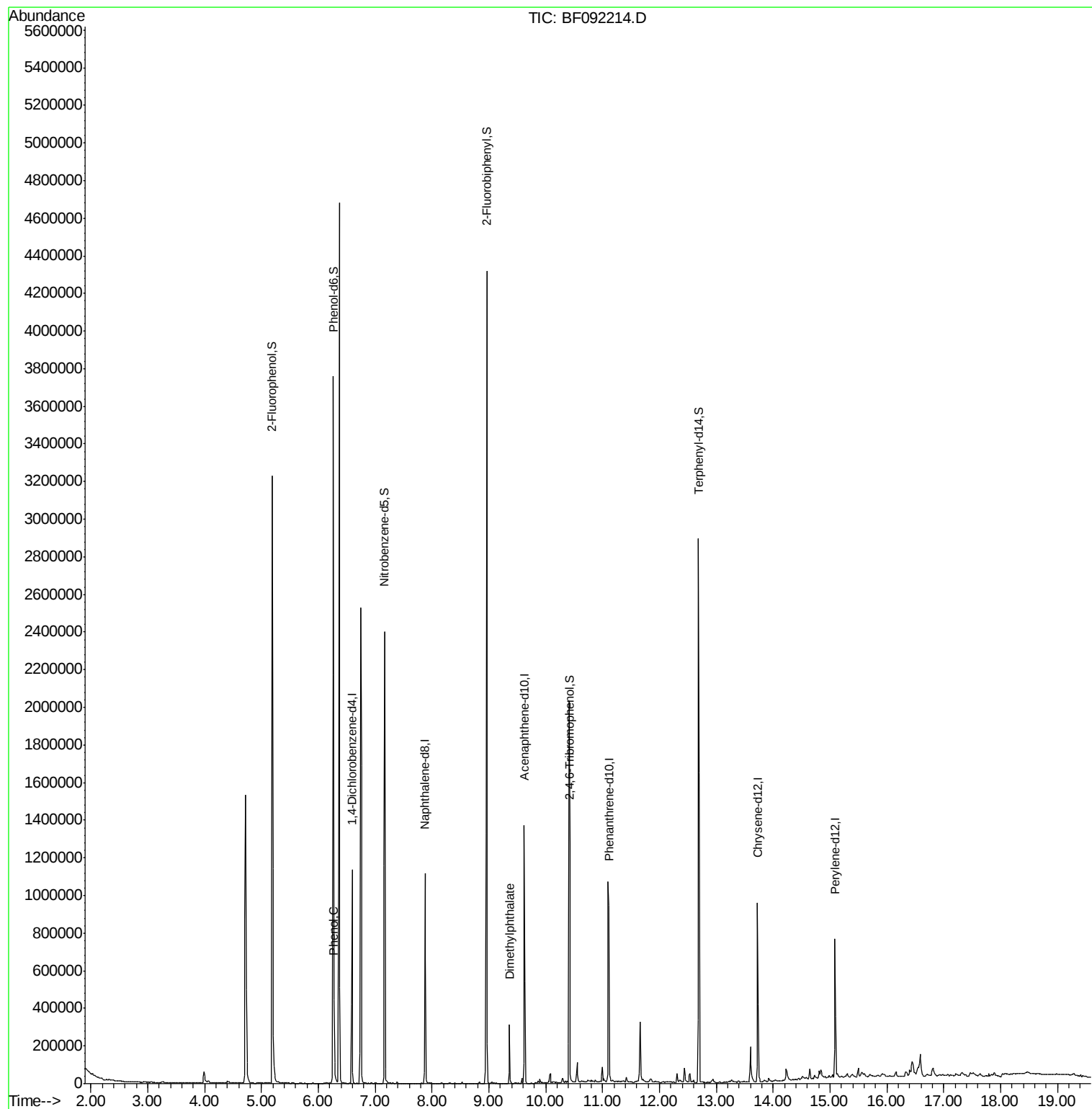
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	191939	20.00	ng	-0.05
21) Naphthalene-d8	7.88	136	652563	20.00	ng	-0.06
38) Acenaphthene-d10	9.62	164	332174	20.00	ng	-0.06
63) Phenanthrene-d10	11.11	188	563437	20.00	ng	-0.05
75) Chrysene-d12	13.73	240	356662	20.00	ng	-0.06
86) Perylene-d12	15.09	264	316722	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	1002063	87.17	ng	-0.05
7) Phenol-d6	6.26	99	1586588	113.05	ng	-0.05
23) Nitrobenzene-d5	7.17	82	907782	77.35	ng	-0.05
41) 2,4,6-Tribromophenol	10.42	330	321238	116.86	ng	-0.05
44) 2-Fluorobiphenyl	8.96	172	1350796	83.02	ng	-0.05
78) Terphenyl-d14	12.69	244	1137030	77.32	ng	-0.06
Target Compounds						
10) Phenol	6.28	94	70325	4.40	ng	Qvalue # 65
49) Dimethylphthalate	9.36	163	129038	6.07	ng	99

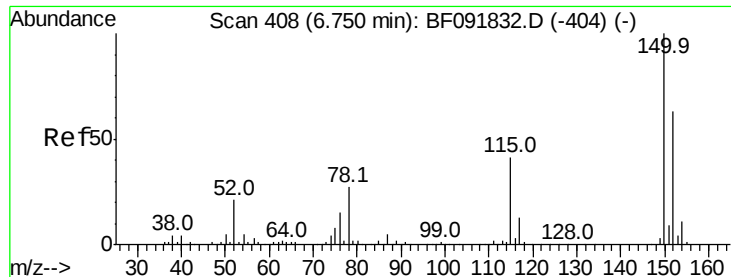
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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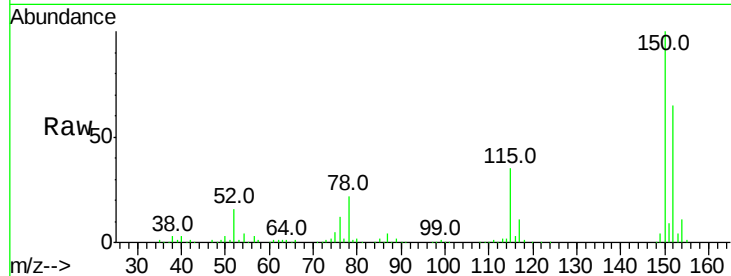


#1

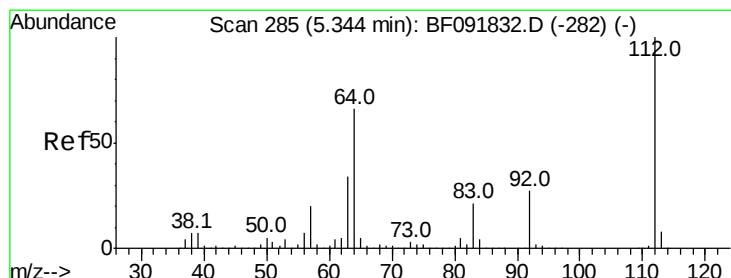
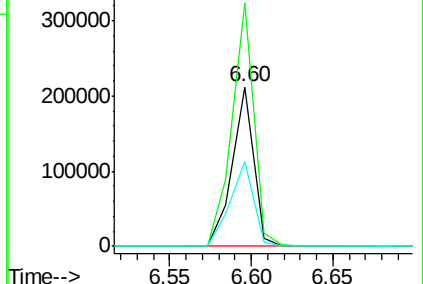
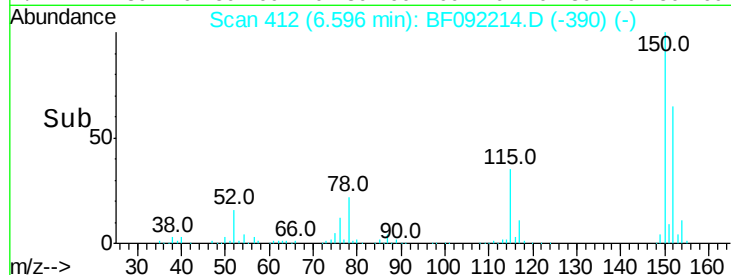
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.60 min Scan# 412
Delta R.T. -0.05 min
Lab File: BF092214.D
Acq: 12 Jan 2017 18:17

Instrument :
BNA_F
ClientSampleId :
COMP-008

Tot Ion:152 Resp: 191939
Ion Ratio Lower Upper
152 100
150 152.7 124.9 187.3
115 53.6 46.0 69.0



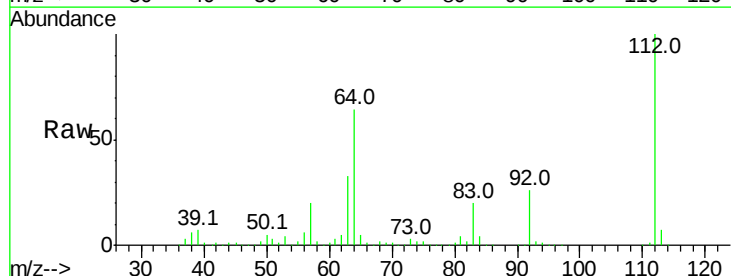
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



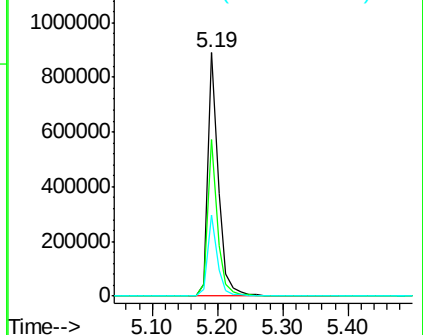
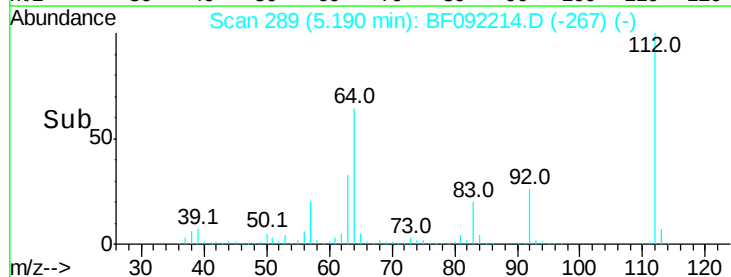
#5

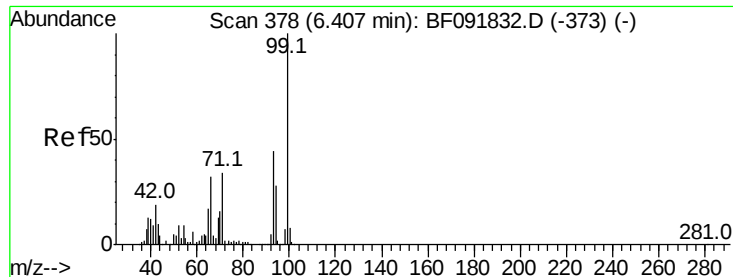
2-Fluorophenol
Concen: 87.17 ng
RT: 5.19 min Scan# 289
Delta R.T. -0.05 min
Lab File: BF092214.D
Acq: 12 Jan 2017 18:17

Tgt Ion:112 Resp: 1002063
Ion Ratio Lower Upper
112 100
64 64.4 46.1 69.1
63 33.2 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: 113.05 ng

RT: 6.26 min Scan# 383

Delta R.T. -0.05 min

Lab File: BF092214.D

Acq: 12 Jan 2017 18:17

Instrument :

BNA_F

ClientSampleId :

COMP-008

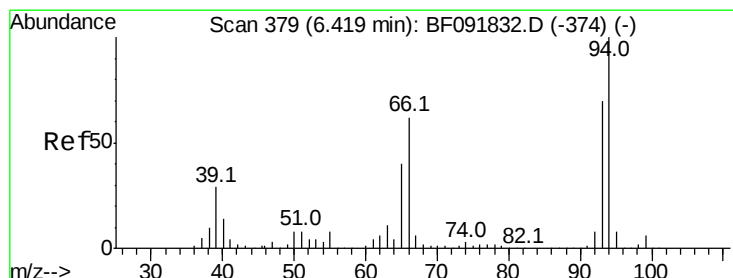
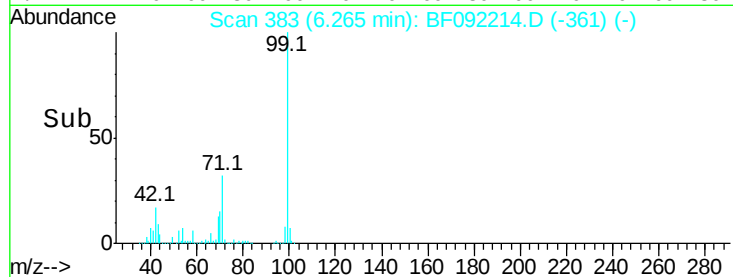
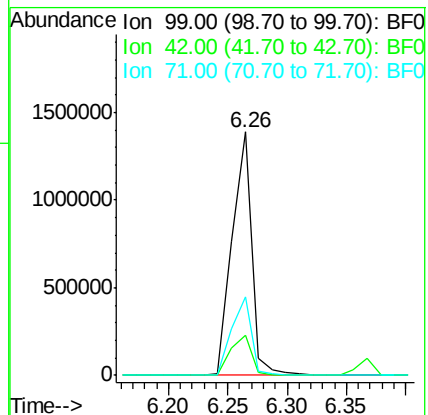
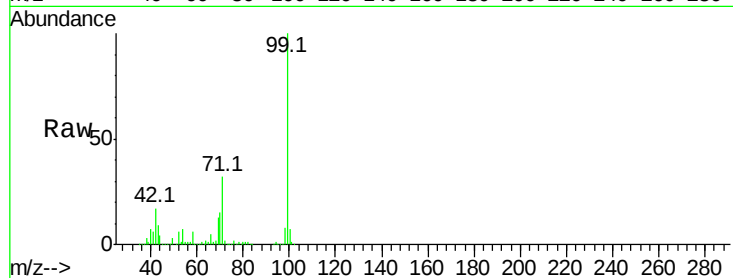
Tot Ion: 99 Resp: 1586588

Ion Ratio Lower Upper

99 100

42 16.6 15.6 23.4

71 32.1 27.5 41.3



#10

Phenol

Concen: 4.40 ng

RT: 6.28 min Scan# 384

Delta R.T. -0.05 min

Lab File: BF092214.D

Acq: 12 Jan 2017 18:17

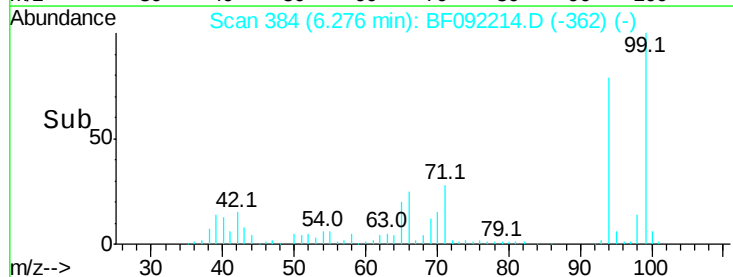
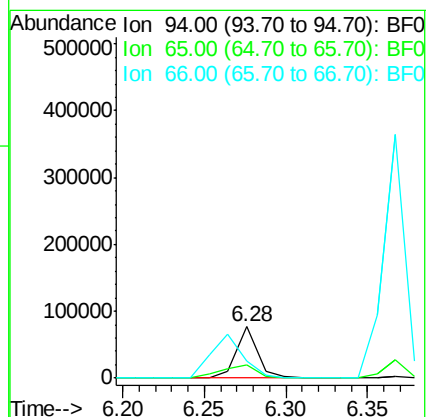
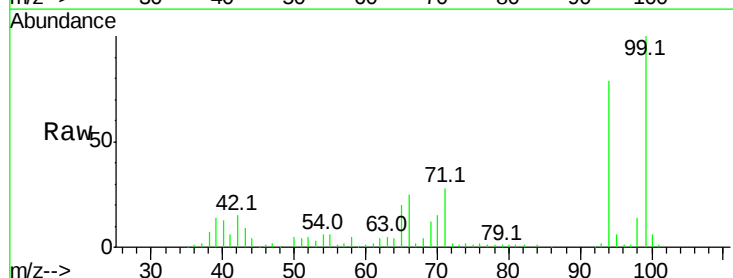
Tgt Ion: 94 Resp: 70325

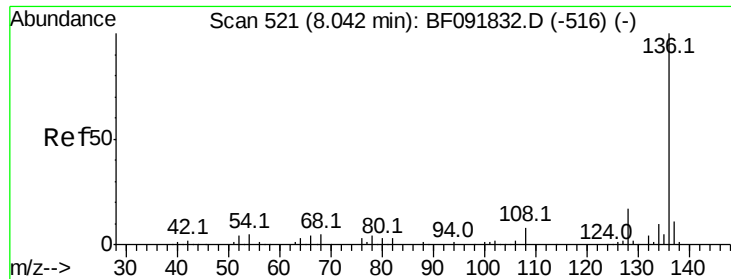
Ion Ratio Lower Upper

94 100

65 24.8 21.4 61.4

66 32.1 44.0 84.0#

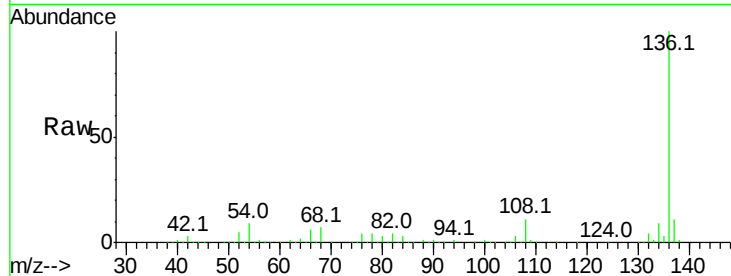




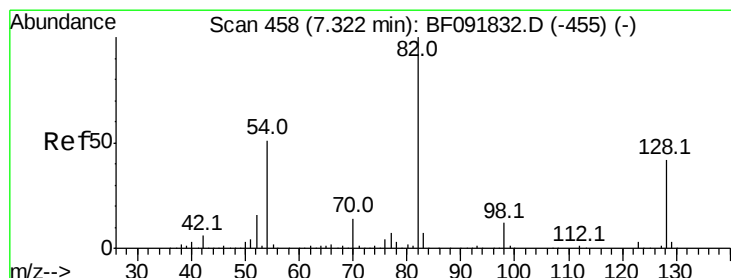
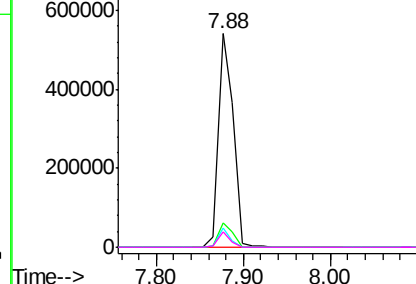
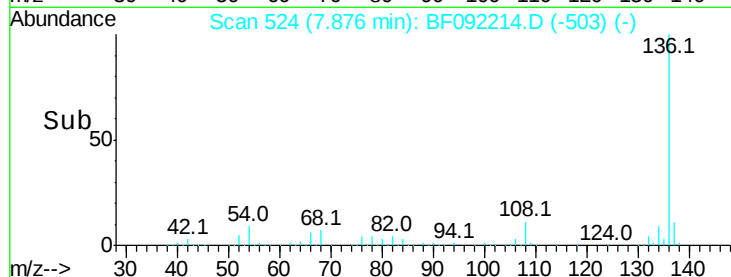
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.88 min Scan# 524
Delta R.T. -0.06 min
Lab File: BF092214.D
Acq: 12 Jan 2017 18:17

Instrument :
BNA_F
ClientSampleId :
COMP-008

Tot Ion:	136	Resp:	652563
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.4	12.6
54	9.1	4.5	6.7#
68	6.9	3.6	5.4#

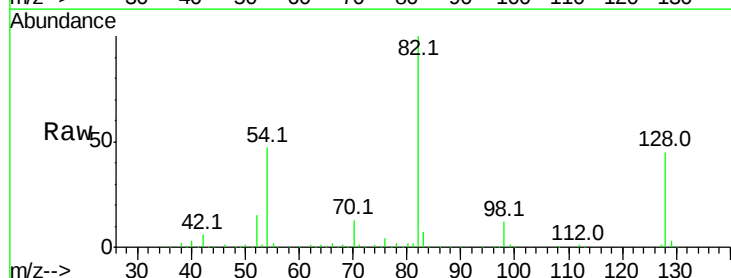


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

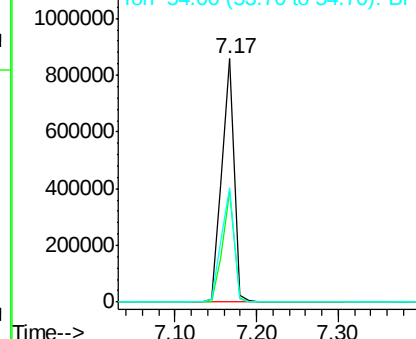
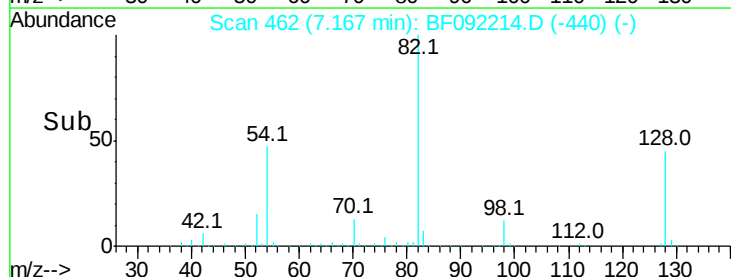


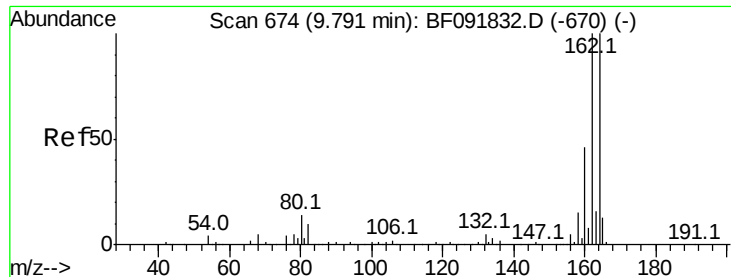
#23
Nitrobenzene-d5
Concen: 77.35 ng
RT: 7.17 min Scan# 462
Delta R.T. -0.05 min
Lab File: BF092214.D
Acq: 12 Jan 2017 18:17

Tgt Ion:	82	Resp:	907782
Ion	Ratio	Lower	Upper
82	100		
128	45.2	34.6	52.0
54	46.8	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: 9.62 min Scan# 677

Delta R.T. -0.06 min

Lab File: BF092214.D

Acq: 12 Jan 2017 18:17

Instrument :

BNA_F

ClientSampleId :

COMP-008

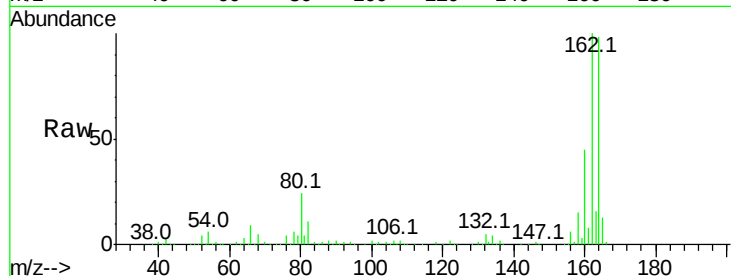
Tot Ion:164 Resp: 332174

Ion Ratio Lower Upper

164 100

162 101.5 80.2 120.2

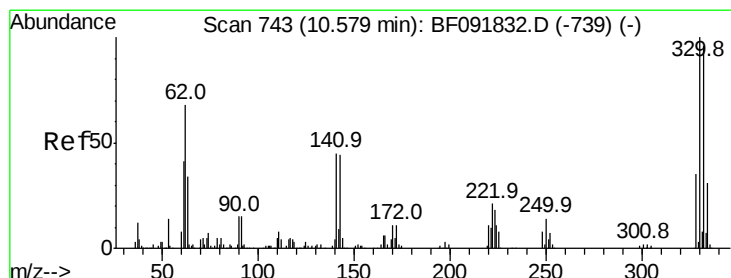
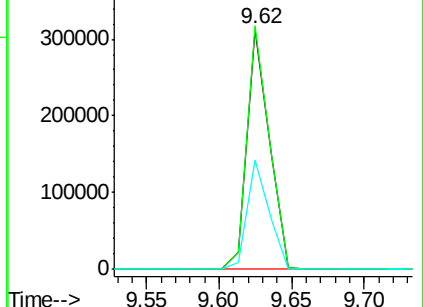
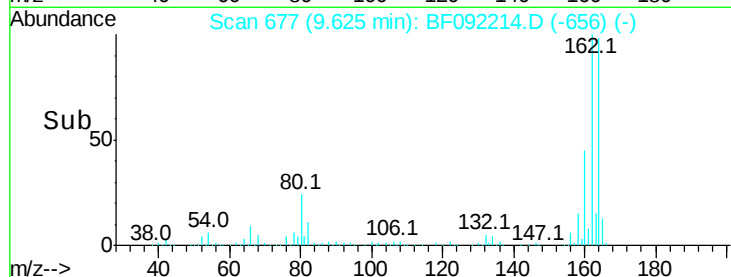
160 45.4 36.9 55.3



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: 116.86 ng

RT: 10.42 min Scan# 747

Delta R.T. -0.05 min

Lab File: BF092214.D

Acq: 12 Jan 2017 18:17

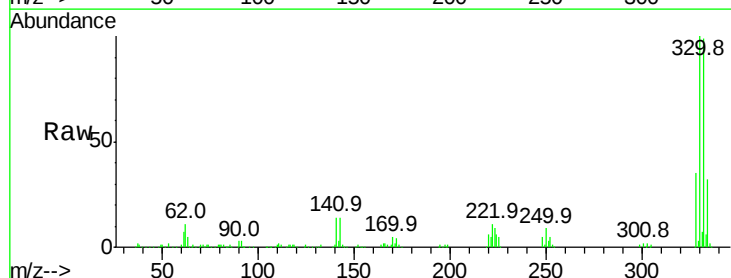
Tgt Ion:330 Resp: 321238

Ion Ratio Lower Upper

330 100

332 97.5 77.4 116.2

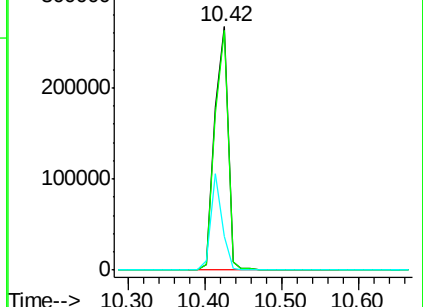
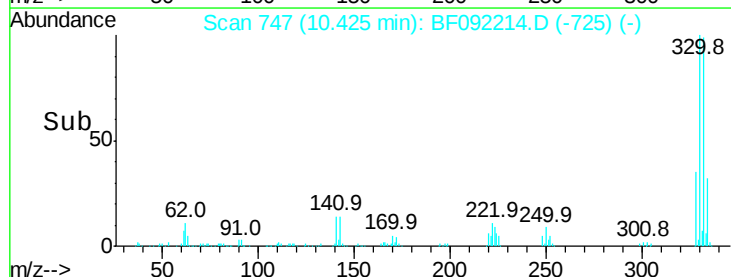
141 33.5 34.1 51.1#



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

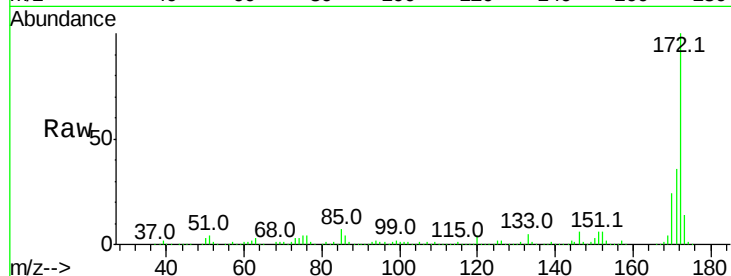




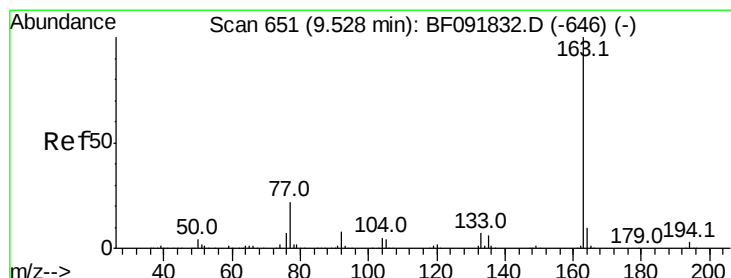
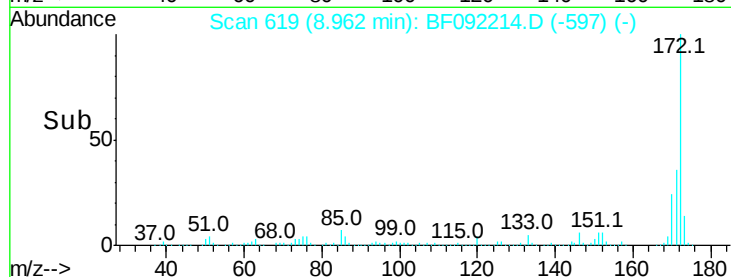
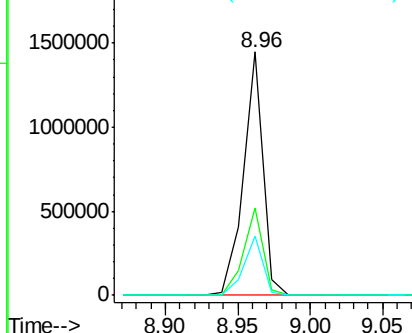
#44
2-Fluorobiphenyl
Concen: 83.02 ng
RT: 8.96 min Scan# 619
Delta R.T. -0.05 min
Lab File: BF092214.D
Acq: 12 Jan 2017 18:17

Instrument :
BNA_F
ClientSampleId :
COMP-008

Tot Ion:172 Resp: 1350796
Ion Ratio Lower Upper
172 100
171 35.7 29.4 44.0
170 24.2 20.2 30.4

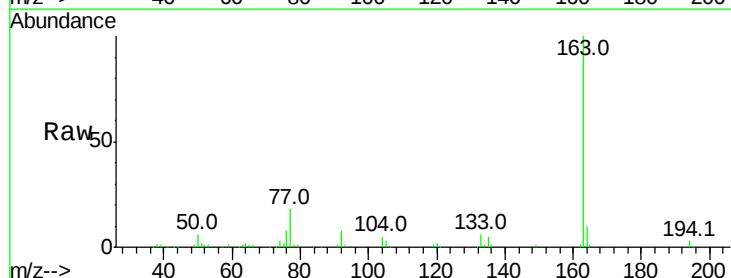


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

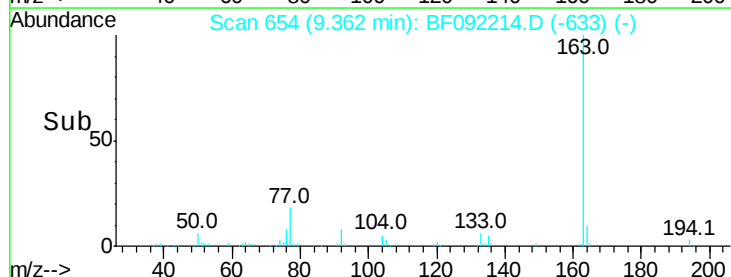
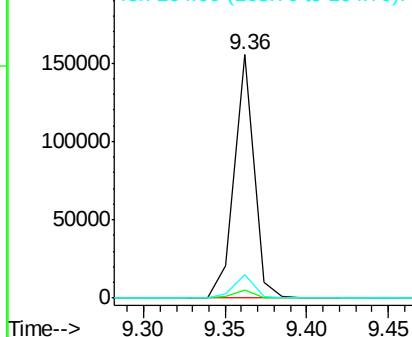


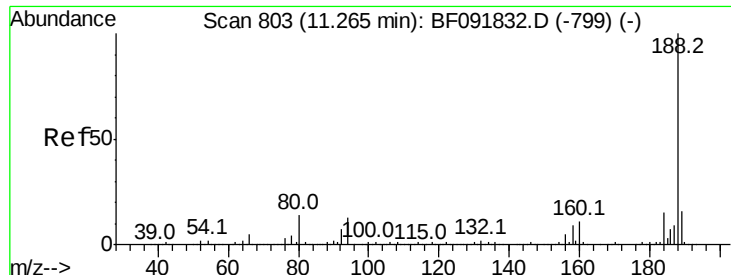
#49
Dimethylphthalate
Concen: 6.07 ng
RT: 9.36 min Scan# 654
Delta R.T. -0.06 min
Lab File: BF092214.D
Acq: 12 Jan 2017 18:17

Tgt Ion:163 Resp: 129038
Ion Ratio Lower Upper
163 100
194 3.2 3.0 4.4
164 9.8 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

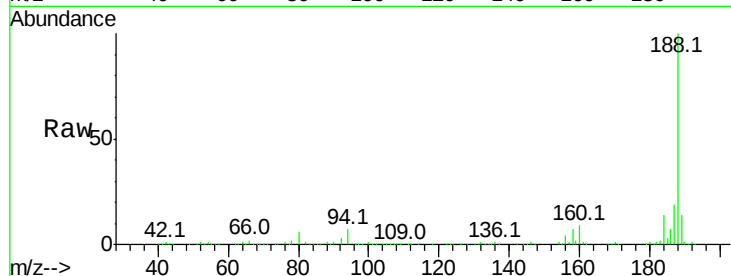




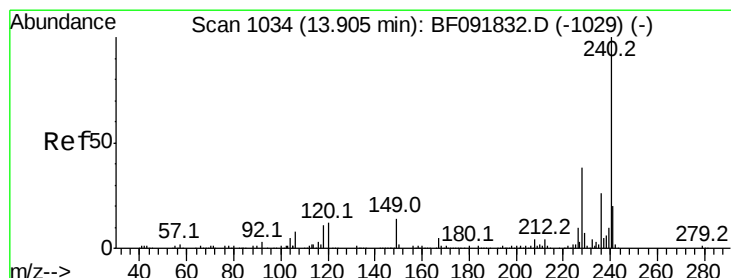
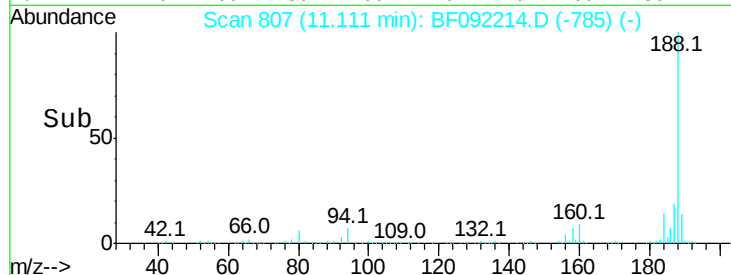
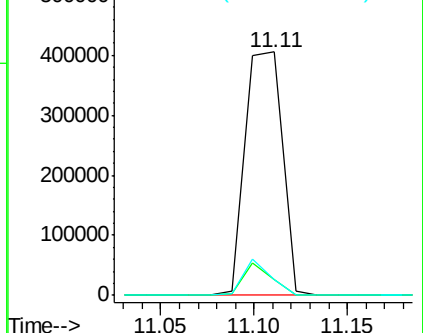
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.11 min Scan# 807
Delta R.T. -0.05 min
Lab File: BF092214.D
Acq: 12 Jan 2017 18:17

Instrument :
BNA_F
ClientSampleId :
COMP-008

Tot Ion:188 Resp: 563437
Ion Ratio Lower Upper
188 100
94 6.6 10.0 15.0#
80 6.4 11.2 16.8#

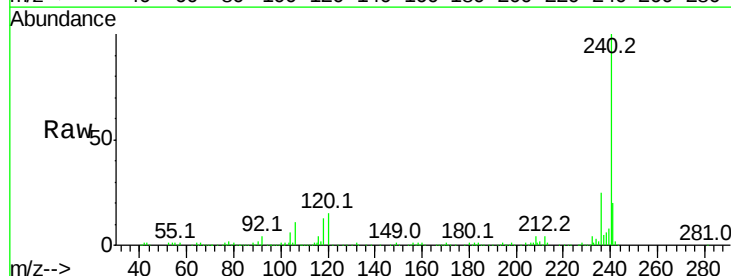


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

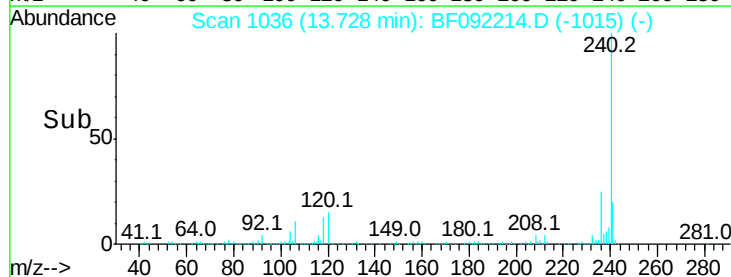
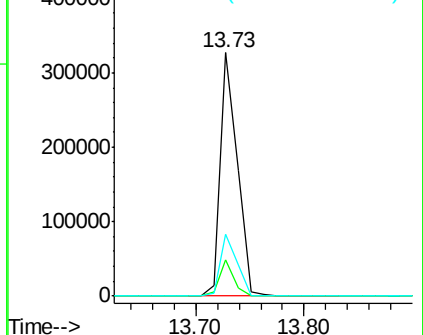


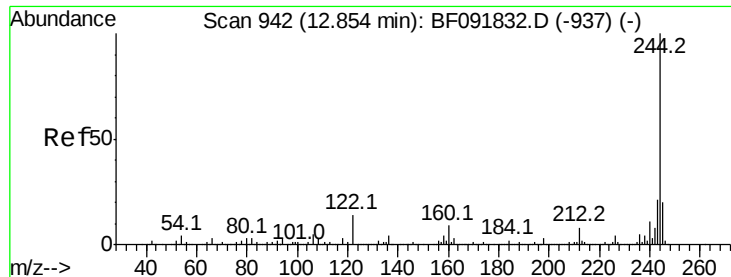
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.73 min Scan# 1036
Delta R.T. -0.06 min
Lab File: BF092214.D
Acq: 12 Jan 2017 18:17

Tgt Ion:240 Resp: 356662
Ion Ratio Lower Upper
240 100
120 15.1 12.9 19.3
236 25.3 20.9 31.3



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: 77.32 ng

RT: 12.69 min Scan# 945

Delta R.T. -0.06 min

Lab File: BF092214.D

Acq: 12 Jan 2017 18:17

Instrument :

BNA_F

ClientSampleId :

COMP-008

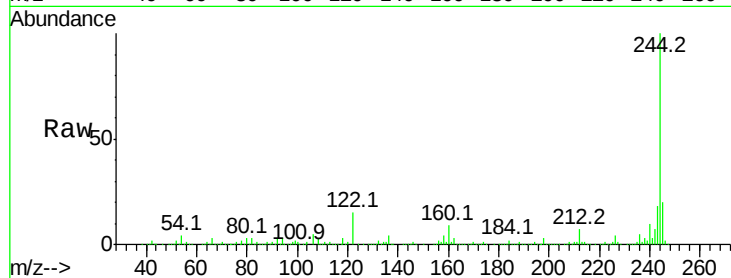
Tot Ion:244 Resp: 1137030

Ion Ratio Lower Upper

244 100

212 7.4 6.2 9.2

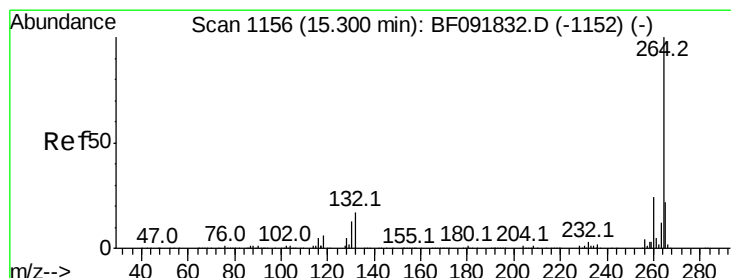
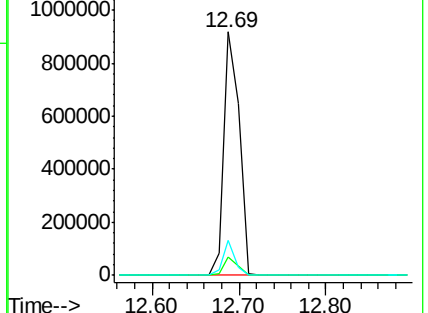
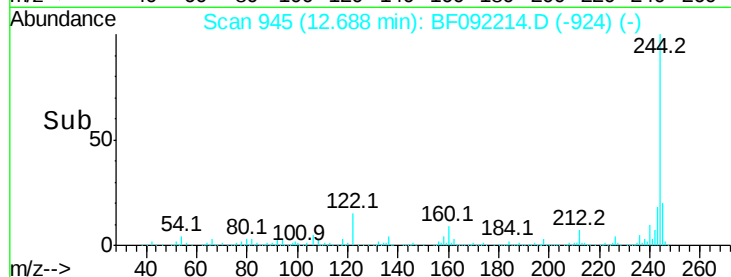
122 14.5 11.4 17.2



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: 15.09 min Scan# 1155

Delta R.T. -0.06 min

Lab File: BF092214.D

Acq: 12 Jan 2017 18:17

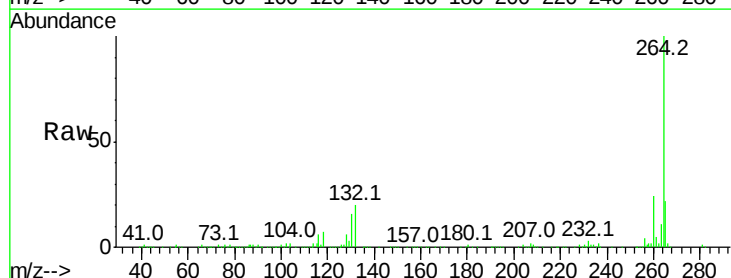
Tgt Ion:264 Resp: 316722

Ion Ratio Lower Upper

264 100

260 24.3 19.2 28.8

265 21.8 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

