

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011217\
 Data File : BF092215.D
 Acq On : 12 Jan 2017 18:46
 Operator : UM/SJ
 Sample : I1029-17
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-009

Quant Time: Jan 13 00:00:10 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

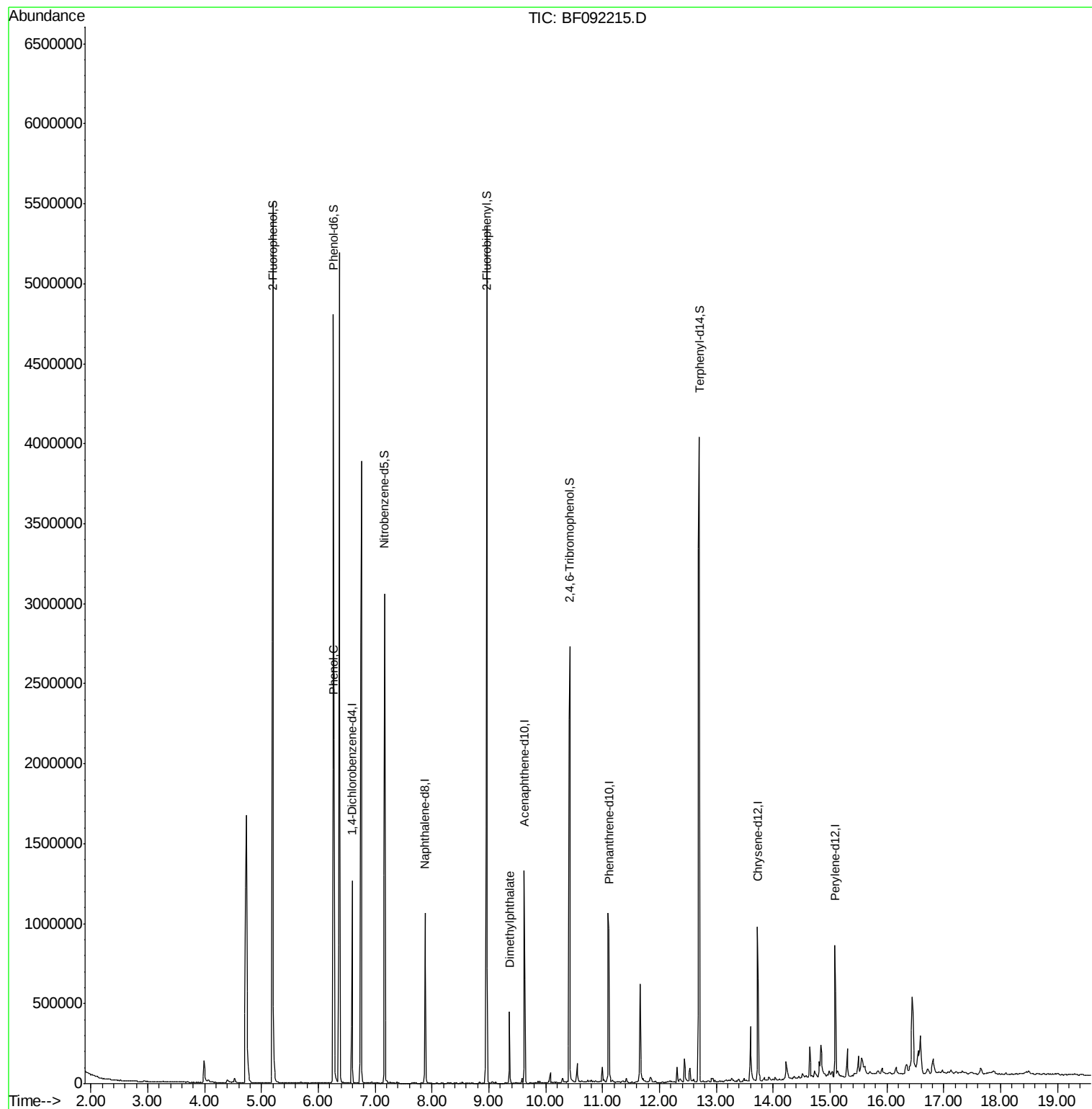
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	200227	20.00	ng	-0.05
21) Naphthalene-d8	7.88	136	658845	20.00	ng	-0.06
38) Acenaphthene-d10	9.62	164	338373	20.00	ng	-0.06
63) Phenanthrene-d10	11.11	188	565125	20.00	ng	-0.05
75) Chrysene-d12	13.73	240	413734	20.00	ng	-0.06
86) Perylene-d12	15.09	264	380179	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	1766368	147.30	ng	-0.03
7) Phenol-d6	6.26	99	2172095	148.36	ng	-0.05
23) Nitrobenzene-d5	7.17	82	1177715	99.40	ng	-0.05
41) 2,4,6-Tribromophenol	10.42	330	472503	168.73	ng	-0.05
44) 2-Fluorobiphenyl	8.96	172	1773167	111.37	ng	-0.05
78) Terphenyl-d14	12.70	244	1814225	106.35	ng	-0.05
Target Compounds						
10) Phenol	6.28	94	129137	7.74	ng	88
49) Dimethylphthalate	9.36	163	179897	8.31	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: 6.60 min Scan# 412

Delta R.T. -0.05 min

Lab File: BF092215.D

Acq: 12 Jan 2017 18:46

Instrument :

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ClientSampleId :

COMP-009

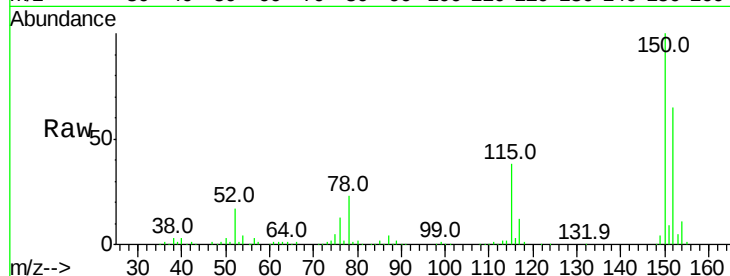
Tot Ion:152 Resp: 200227

Ion Ratio Lower Upper

152 100

150 154.1 124.9 187.3

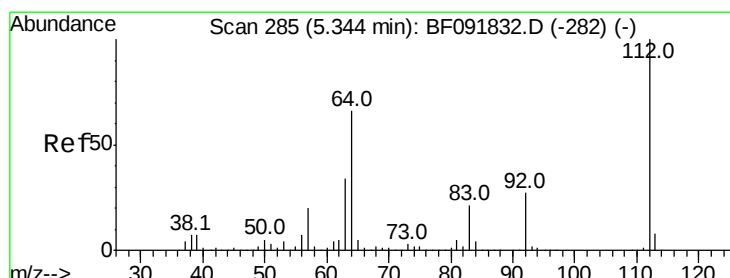
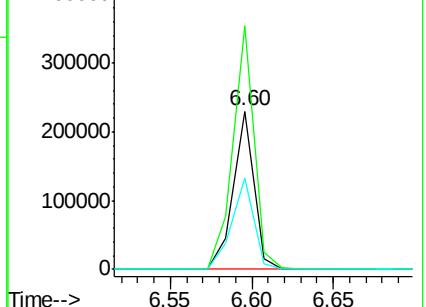
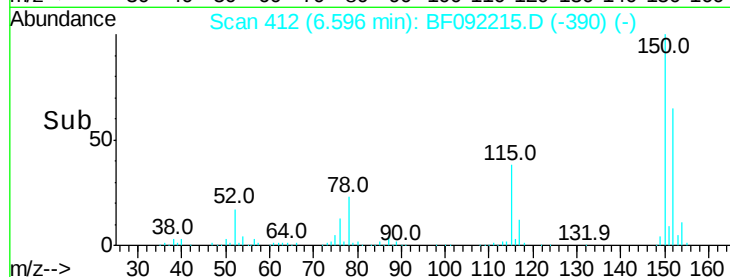
115 58.1 46.0 69.0



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: 147.30 ng

RT: 5.20 min Scan# 290

Delta R.T. -0.03 min

Lab File: BF092215.D

Acq: 12 Jan 2017 18:46

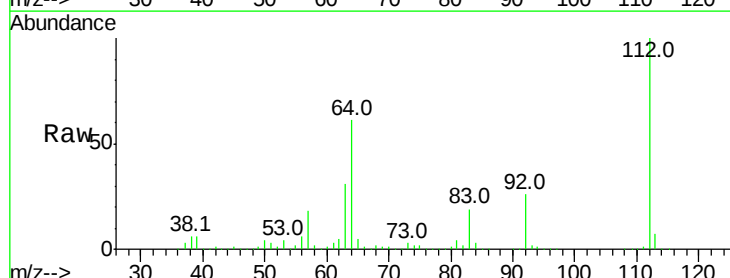
Tgt Ion:112 Resp: 1766368

Ion Ratio Lower Upper

112 100

64 60.8 46.1 69.1

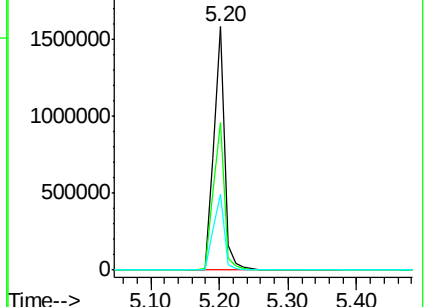
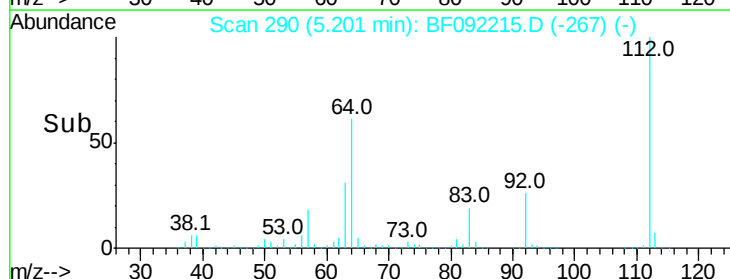
63 31.0 23.8 35.6

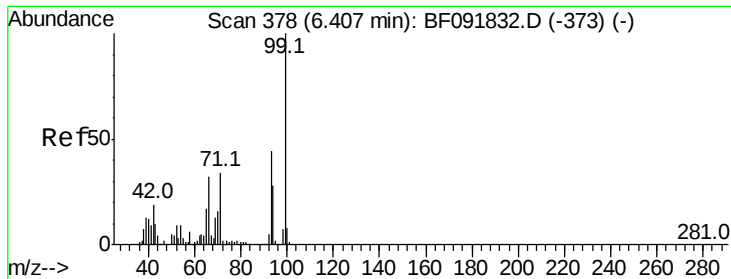


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 148.36 ng

RT: 6.26 min Scan# 383

Delta R.T. -0.05 min

Lab File: BF092215.D

Acq: 12 Jan 2017 18:46

Instrument :

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COMP-009

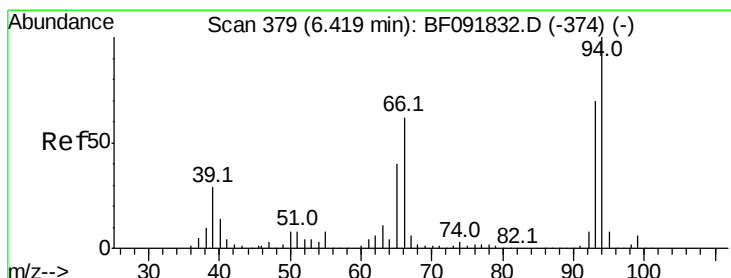
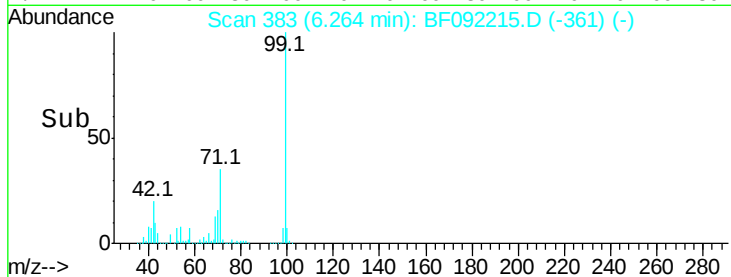
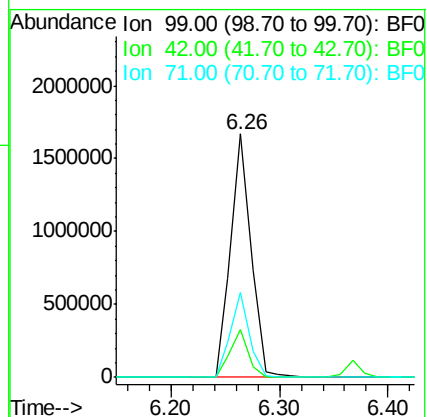
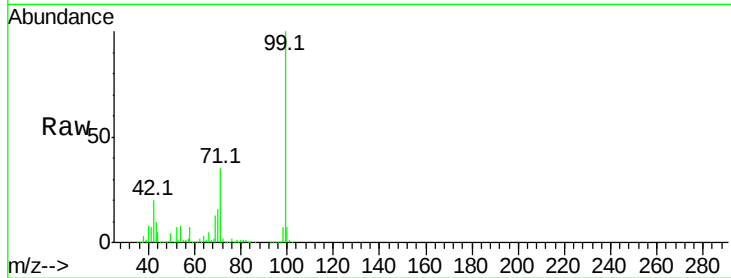
Tot Ion: 99 Resp: 2172095

Ion Ratio Lower Upper

99 100

42 19.8 15.6 23.4

71 34.9 27.5 41.3



#10

Phenol

Concen: 7.74 ng

RT: 6.28 min Scan# 384

Delta R.T. -0.05 min

Lab File: BF092215.D

Acq: 12 Jan 2017 18:46

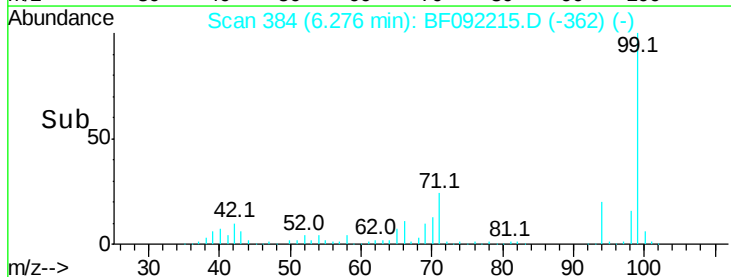
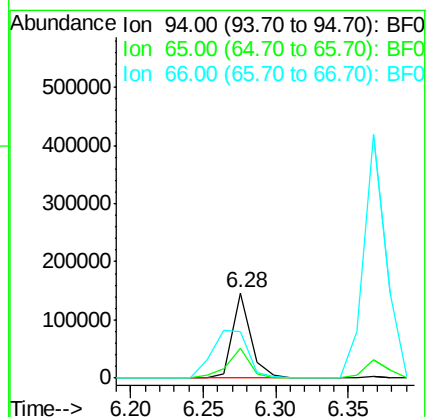
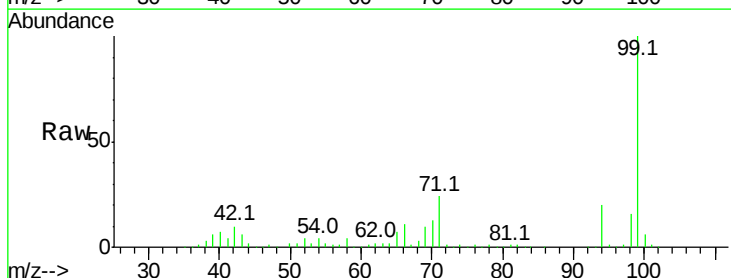
Tgt Ion: 94 Resp: 129137

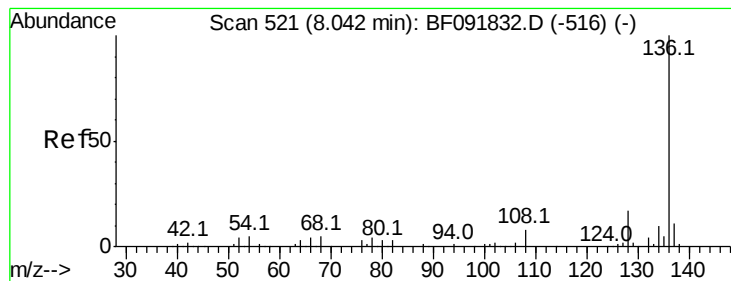
Ion Ratio Lower Upper

94 100

65 34.5 21.4 61.4

66 54.2 44.0 84.0

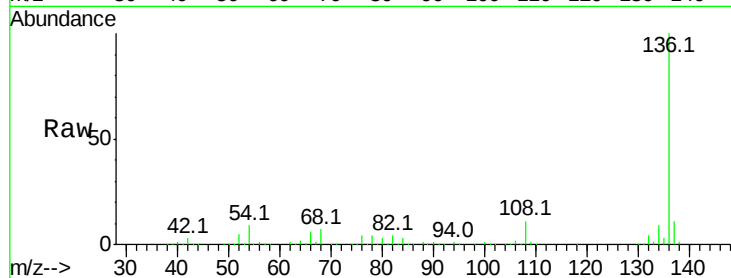




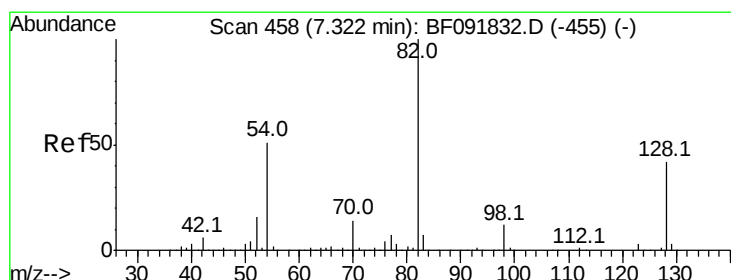
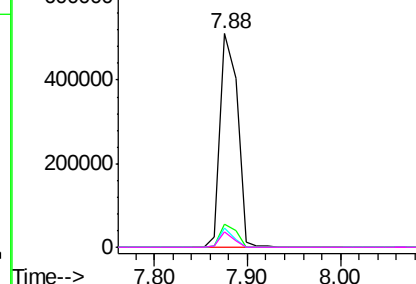
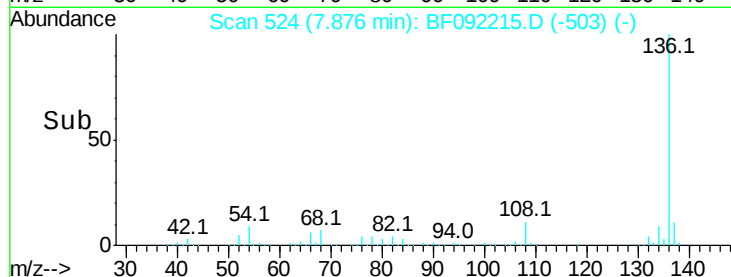
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.88 min Scan# 524
Delta R.T. -0.06 min
Lab File: BF092215.D
Acq: 12 Jan 2017 18:46

Instrument :
BNA_F
ClientSampleId :
COMP-009

Tot Ion:	136	Resp:	658845
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.4	12.6
54	9.3	4.5	6.7#
68	7.1	3.6	5.4#

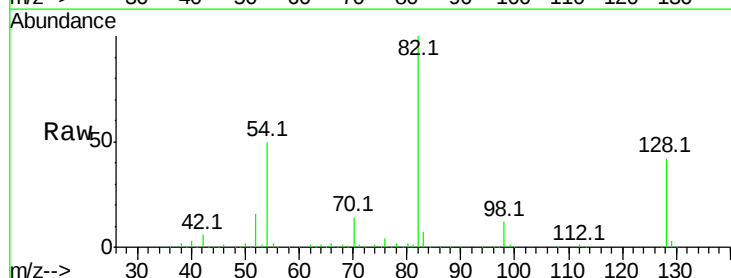


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

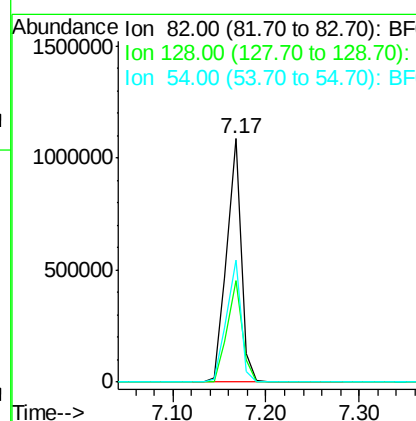
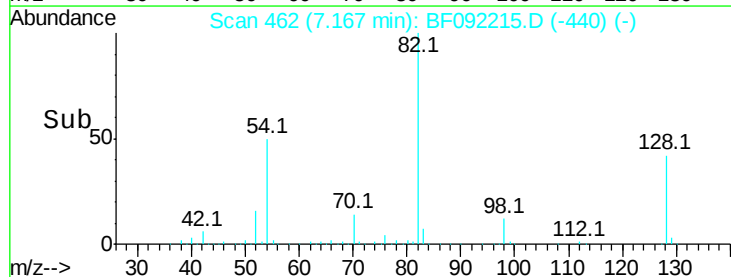


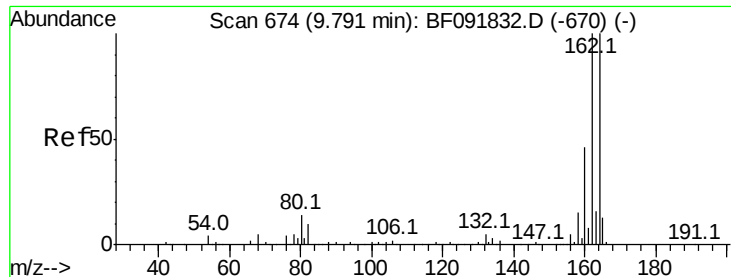
#23
Nitrobenzene-d5
Concen: 99.40 ng
RT: 7.17 min Scan# 462
Delta R.T. -0.05 min
Lab File: BF092215.D
Acq: 12 Jan 2017 18:46

Tgt Ion:	82	Resp:	1177715
Ion	Ratio	Lower	Upper
82	100		
128	41.5	34.6	52.0
54	50.1	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: BF092215.D

Acq: 12 Jan 2017 18:46

Instrument :

BNA_F

ClientSampleId :

COMP-009

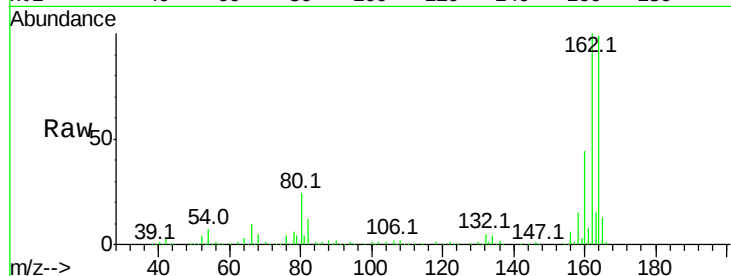
Tot Ion:164 Resp: 338373

Ion Ratio Lower Upper

164 100

162 101.5 80.2 120.2

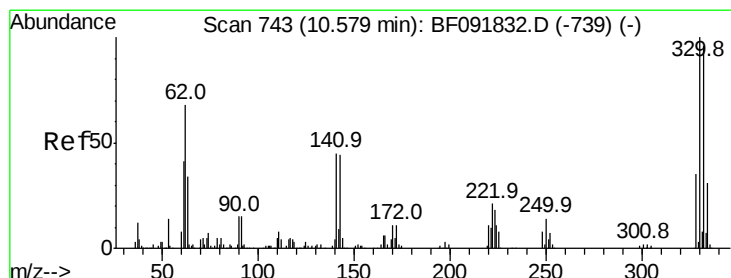
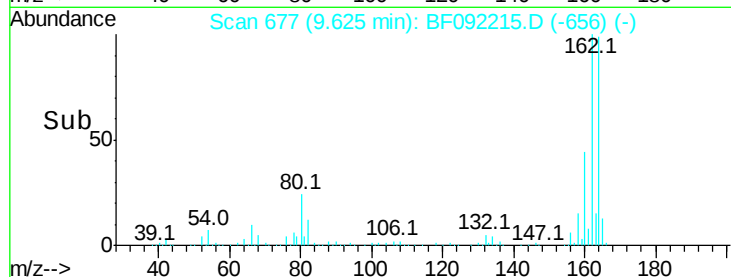
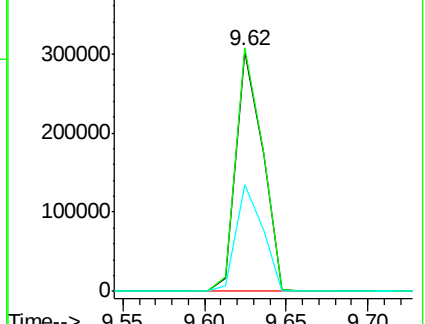
160 44.5 36.9 55.3



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: 168.73 ng

RT: 10.42 min Scan# 747

Delta R.T. -0.05 min

Lab File: BF092215.D

Acq: 12 Jan 2017 18:46

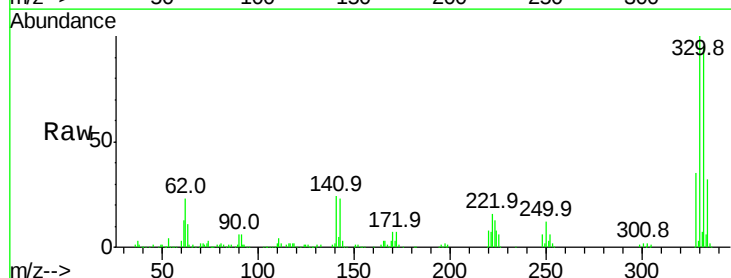
Tgt Ion:330 Resp: 472503

Ion Ratio Lower Upper

330 100

332 95.4 77.4 116.2

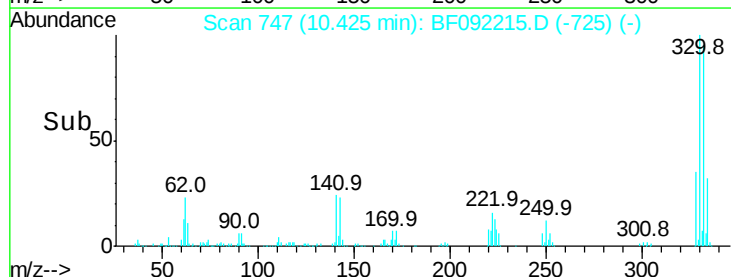
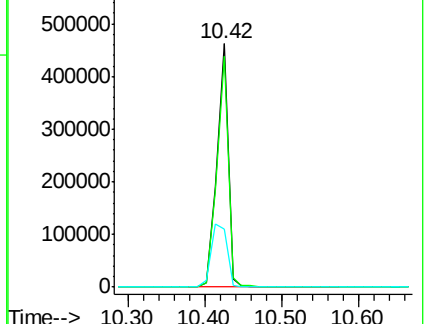
141 36.1 34.1 51.1



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



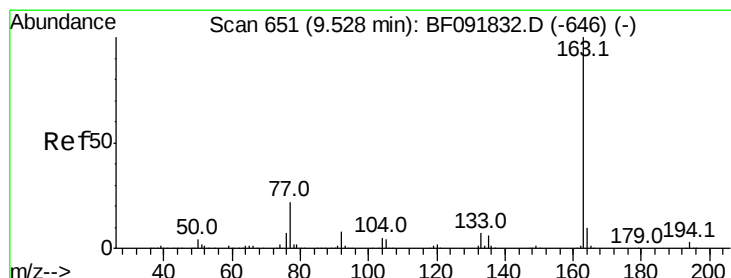
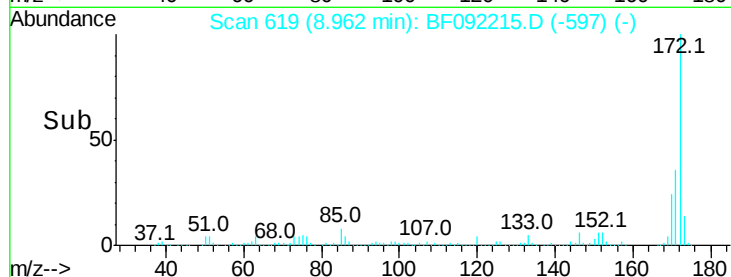
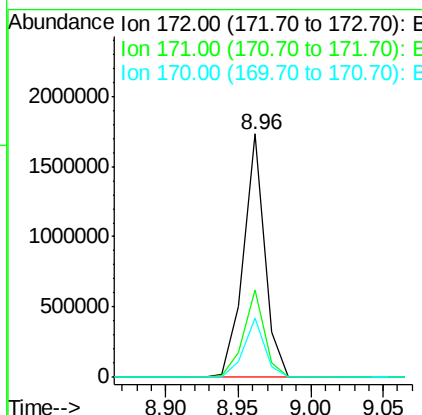
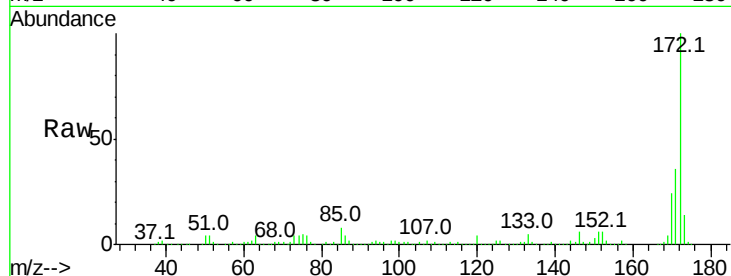


#44
 2-Fluorobiphenyl
 Concen: 111.37 ng
 RT: 8.96 min Scan# 619
 Delta R.T. -0.05 min
 Lab File: BF092215.D
 Acq: 12 Jan 2017 18:46

Instrument :
 BNA_F
 ClientSampleId :
 COMP-009

Tot Ion:172 Resp: 1773167

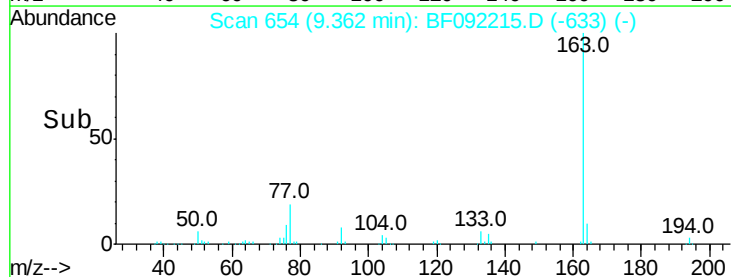
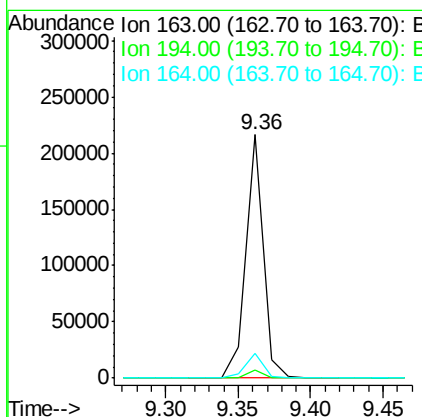
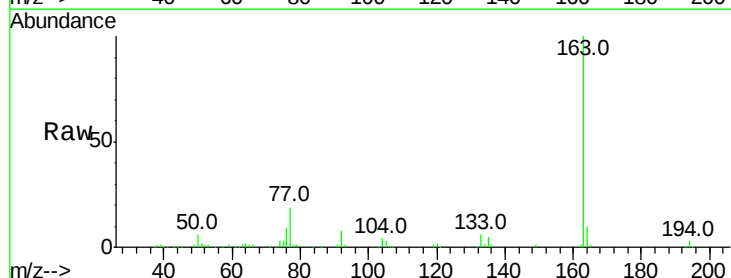
Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.4	44.0
170	24.4	20.2	30.4

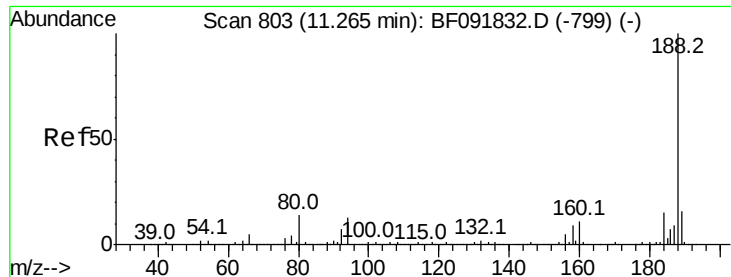


#49
 Dimethylphthalate
 Concen: 8.31 ng
 RT: 9.36 min Scan# 654
 Delta R.T. -0.06 min
 Lab File: BF092215.D
 Acq: 12 Jan 2017 18:46

Tgt Ion:163 Resp: 179897

Ion	Ratio	Lower	Upper
163	100		
194	3.4	3.0	4.4
164	10.1	8.0	12.0

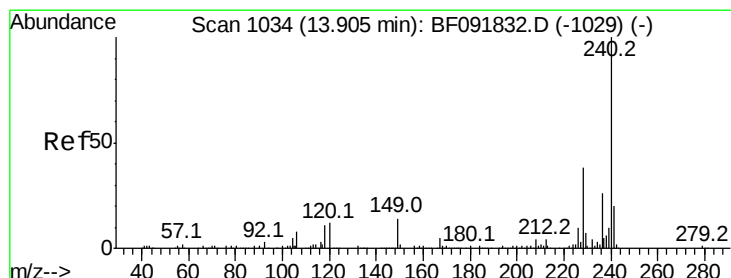
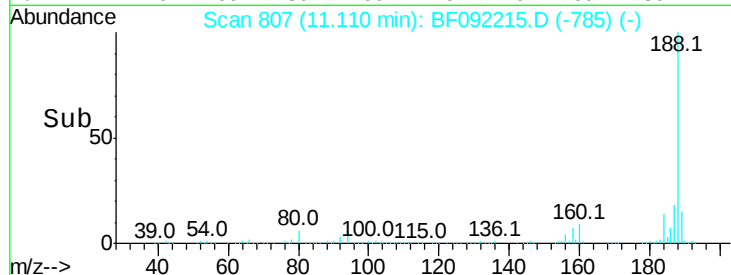
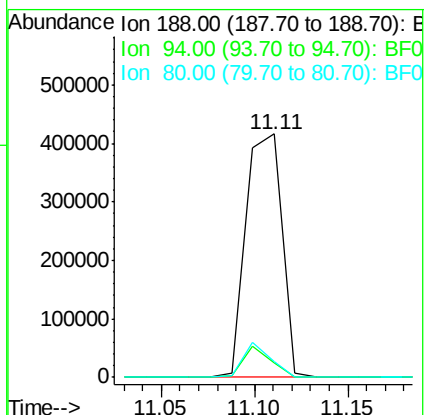
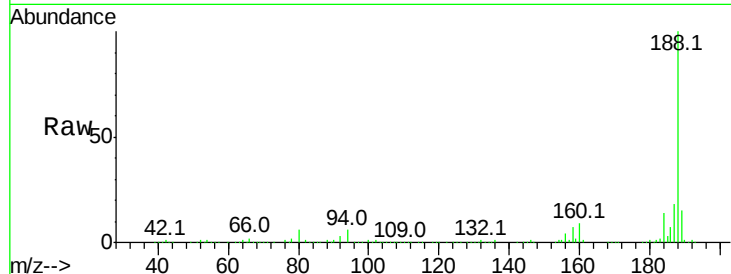




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.11 min Scan# 807
Delta R.T. -0.05 min
Lab File: BF092215.D
Acq: 12 Jan 2017 18:46

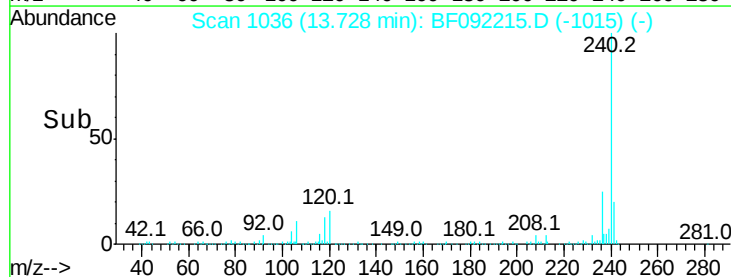
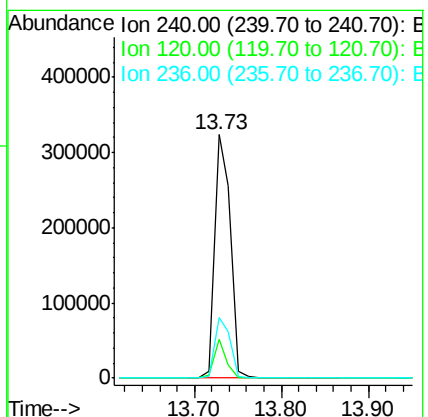
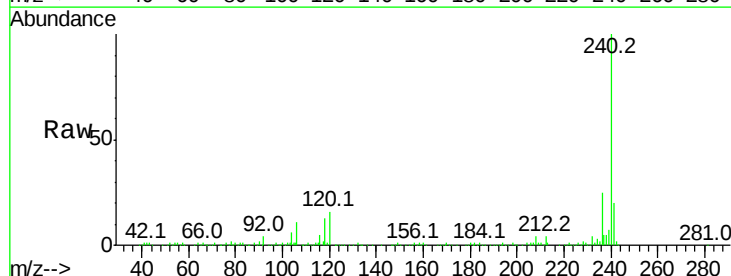
Instrument :
BNA_F
ClientSampleId :
COMP-009

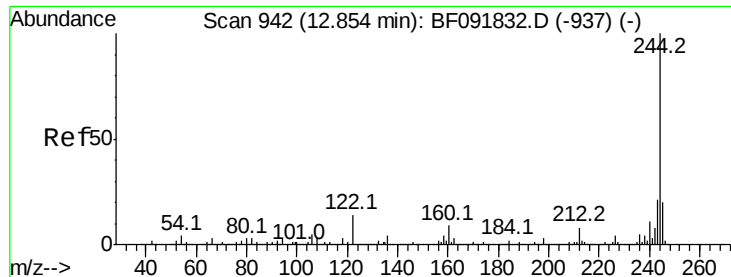
Tot Ion:188 Resp: 565125
Ion Ratio Lower Upper
188 100
94 6.2 10.0 15.0#
80 6.4 11.2 16.8#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.73 min Scan# 1036
Delta R.T. -0.06 min
Lab File: BF092215.D
Acq: 12 Jan 2017 18:46

Tgt Ion:240 Resp: 413734
Ion Ratio Lower Upper
240 100
120 15.9 12.9 19.3
236 25.1 20.9 31.3





#78

Terphenyl-d14

Concen: 106.35 ng

RT: 12.70 min Scan# 946

Delta R.T. -0.05 min

Lab File: BF092215.D

Acq: 12 Jan 2017 18:46

Instrument :

BNA_F

ClientSampleId :

COMP-009

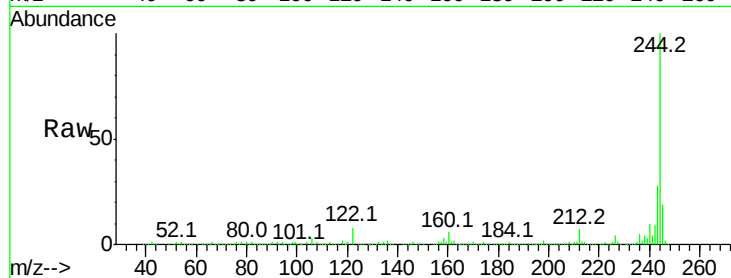
Tot Ion:244 Resp: 1814225

Ion Ratio Lower Upper

244 100

212 6.7 6.2 9.2

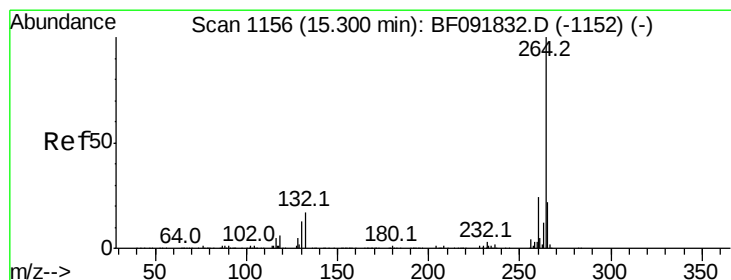
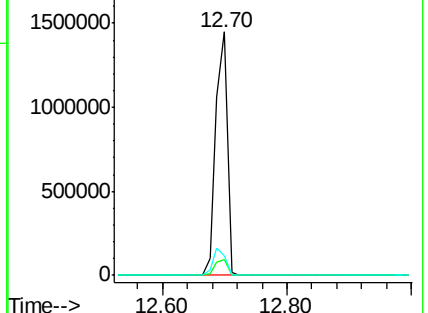
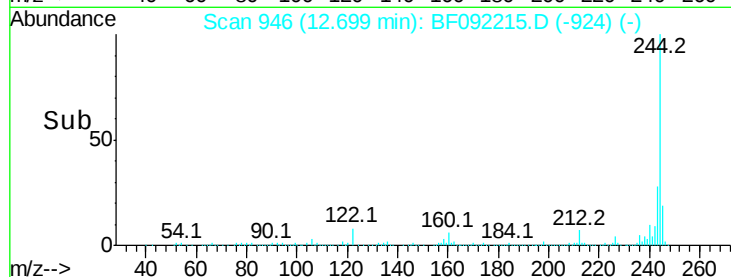
122 8.3 11.4 17.2#



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: BF092215.D

Acq: 12 Jan 2017 18:46

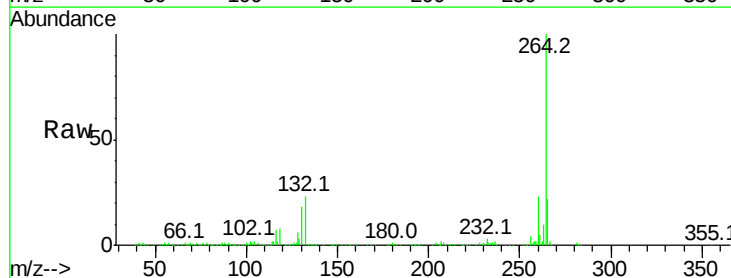
Tgt Ion:264 Resp: 380179

Ion Ratio Lower Upper

264 100

260 23.3 19.2 28.8

265 21.7 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

