

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081716\
 Data File : BF089779.D
 Acq On : 17 Aug 2016 22:32
 Operator : UM/SJ
 Sample : H4490-08
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 670-UNDERCLIFF-4

Quant Time: Aug 18 09:21:32 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 16 19:45:04 2016
 Response via : Initial Calibration

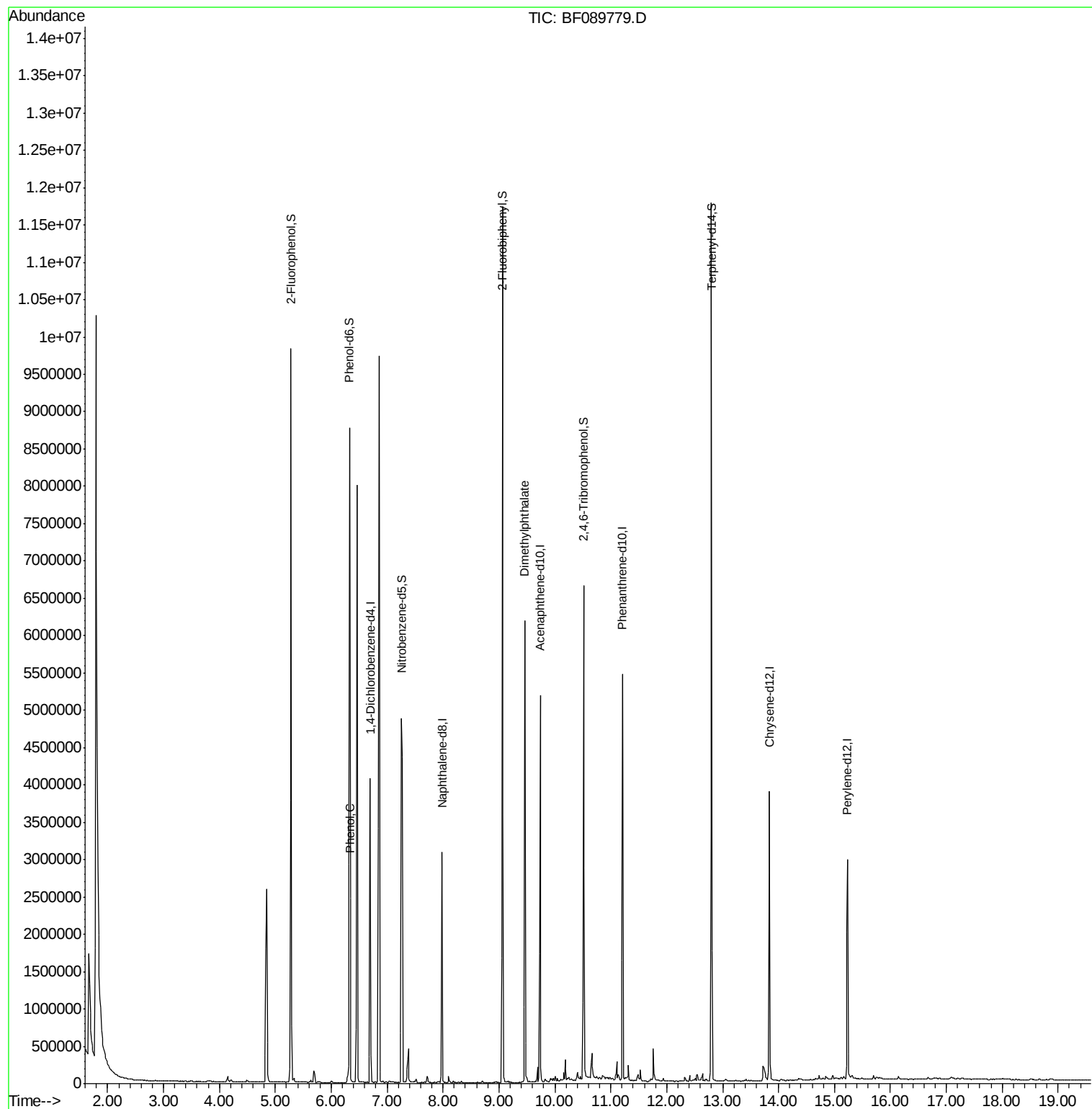
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	565873	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	2133446	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	1048710	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	1951541	20.00	ng	0.00
75) Chrysene-d12	13.84	240	1710233	20.00	ng	-0.06
86) Perylene-d12	15.23	264	1397583	20.00	ng	-0.17
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	2978101	87.81	ng	0.00
7) Phenol-d6	6.33	99	3653805	84.70	ng	0.00
23) Nitrobenzene-d5	7.26	82	2401185	68.73	ng	-0.01
41) 2,4,6-Tribromophenol	10.51	330	990819	97.66	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	3918605	59.96	ng	-0.01
78) Terphenyl-d14	12.80	244	3581445	62.56	ng	-0.01
Target Compounds						
10) Phenol	6.34	94	130085	2.42	ng	98
49) Dimethylphthalate	9.46	163	2345876	30.91	ng	99

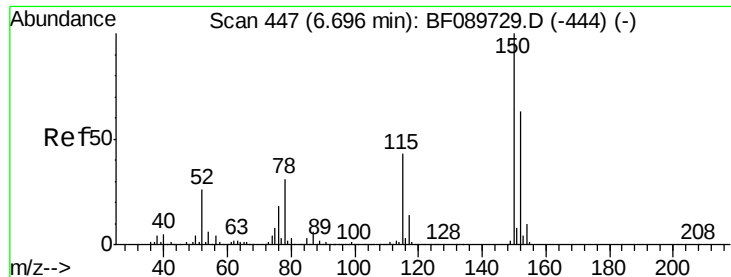
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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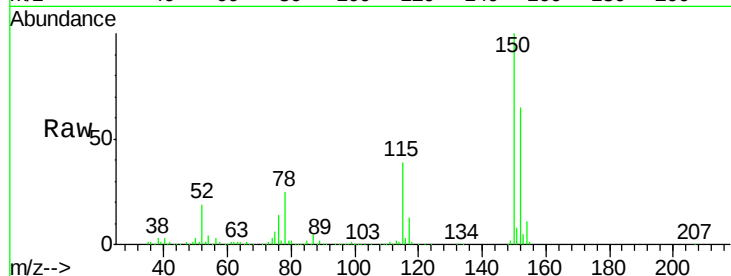


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.70 min Scan# 447
Delta R.T. 0.00 min
Lab File: BF089779.D
Acq: 17 Aug 2016 22:32

Instrument :
BNA_F
ClientSampleId :
670-UNDERCLIFF-4

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.8	125.3	187.9
115	60.5	40.9	61.3

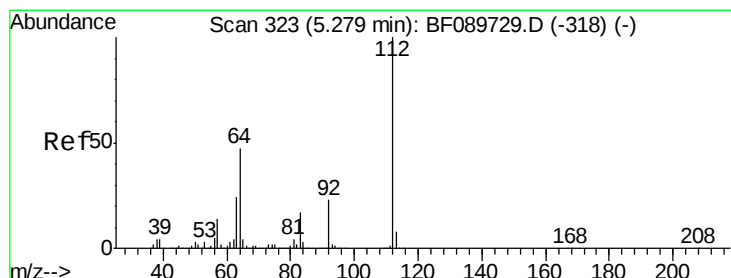
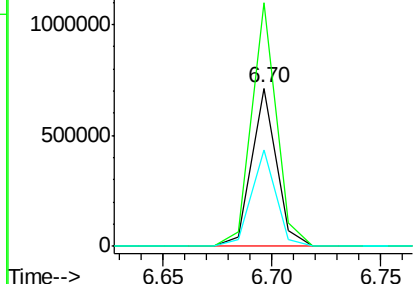
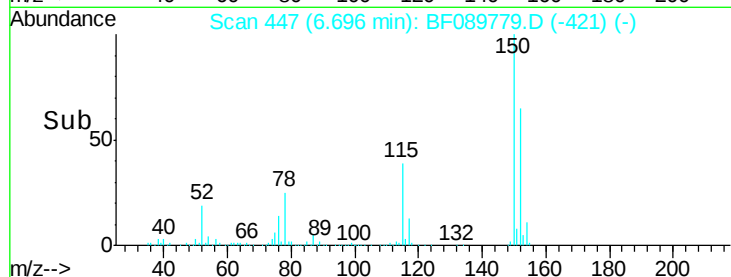


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

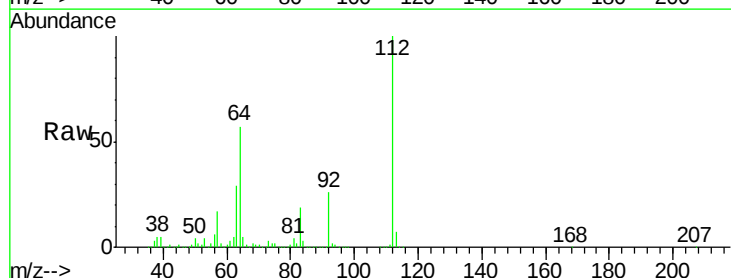
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 87.81 ng
RT: 5.28 min Scan# 323
Delta R.T. 0.00 min
Lab File: BF089779.D
Acq: 17 Aug 2016 22:32

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.2	45.0	67.4
63	29.5	23.1	34.7

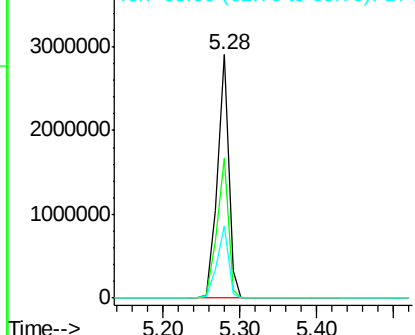
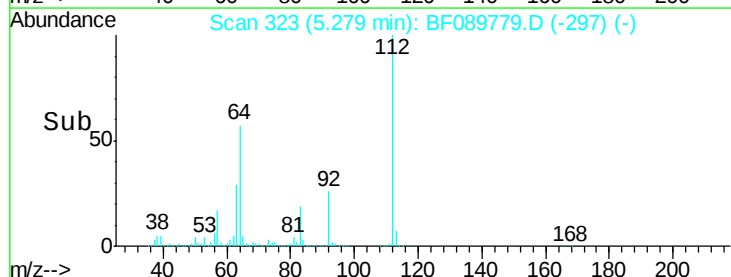


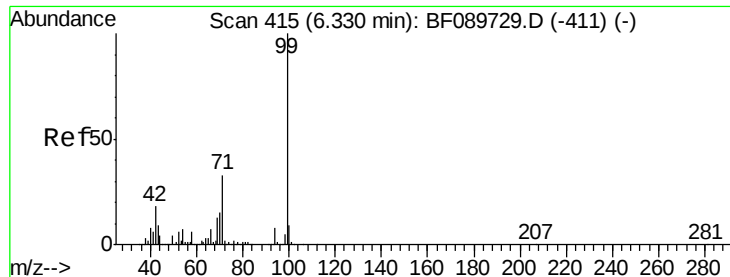
Abundance

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: 84.70 ng

RT: 6.33 min Scan# 415

Delta R.T. 0.00 min

Lab File: BF089779.D

Acq: 17 Aug 2016 22:32

Instrument :

BNA_F

ClientSampleId :

670-UNDERCLIFF-4

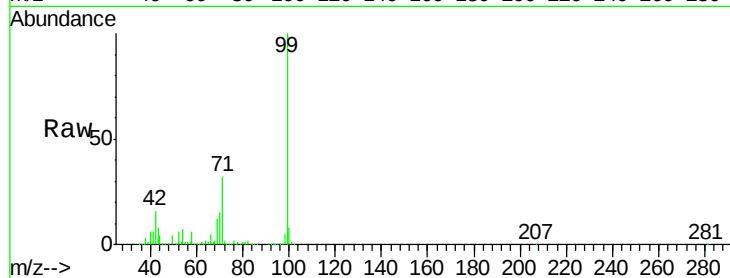
Tot Ion: 99 Resp: 3653805

Ion Ratio Lower Upper

99 100

42 16.4 12.2 18.4

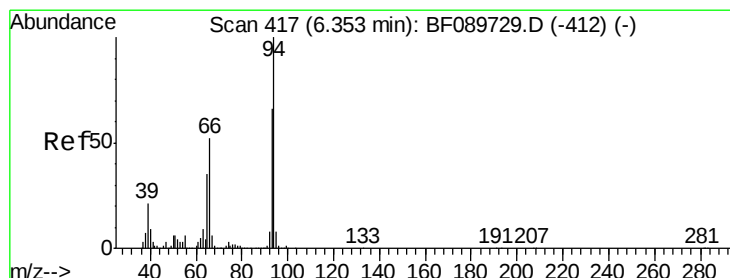
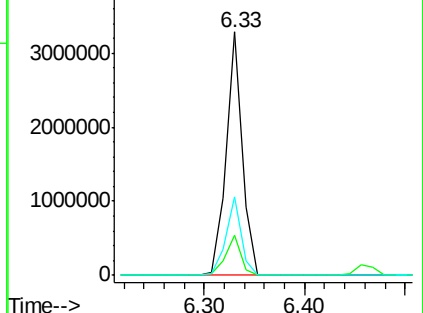
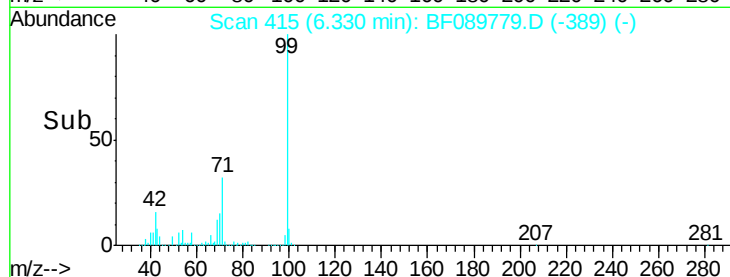
71 32.2 23.8 35.8



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



#10

Phenol

Concen: 2.42 ng

RT: 6.34 min Scan# 416

Delta R.T. -0.01 min

Lab File: BF089779.D

Acq: 17 Aug 2016 22:32

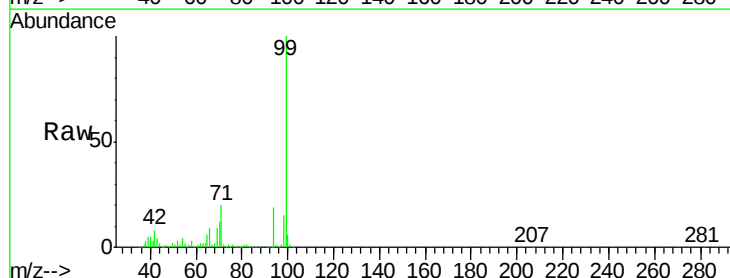
Tgt Ion: 94 Resp: 130085

Ion Ratio Lower Upper

94 100

65 31.8 14.0 54.0

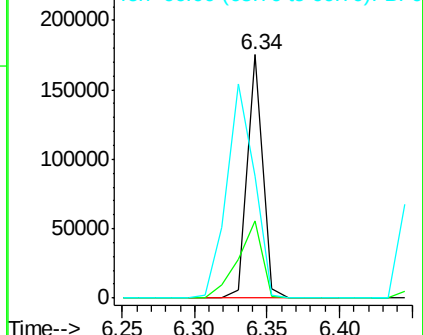
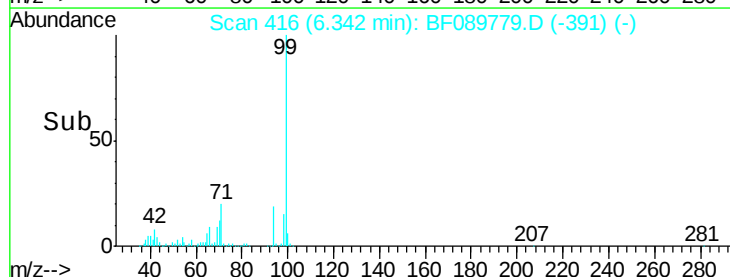
66 50.1 31.2 71.2

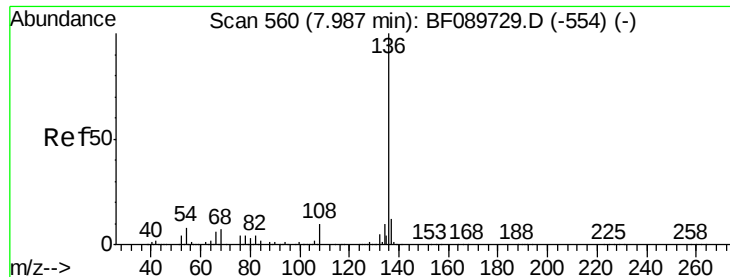


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.99 min Scan# 560

Delta R.T. 0.00 min

Lab File: BF089779.D

Acq: 17 Aug 2016 22:32

Instrument :

BNA_F

ClientSampleId :

670-UNDERCLIFF-4

Tot Ion:136 Resp: 2133446

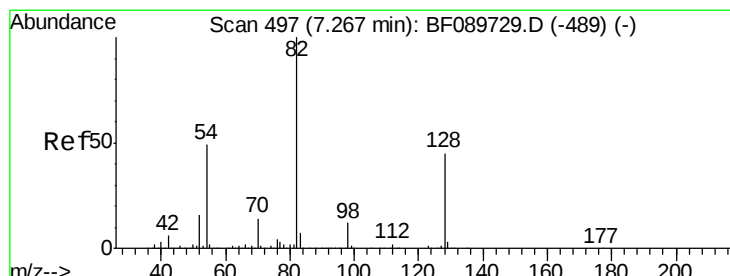
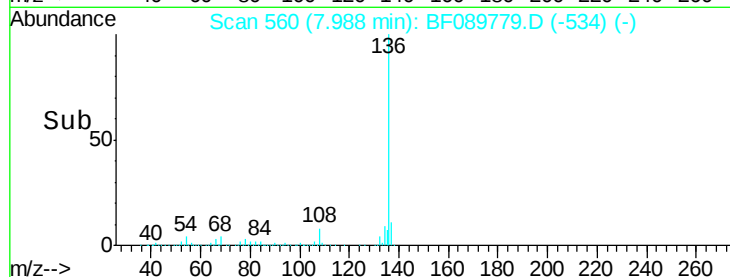
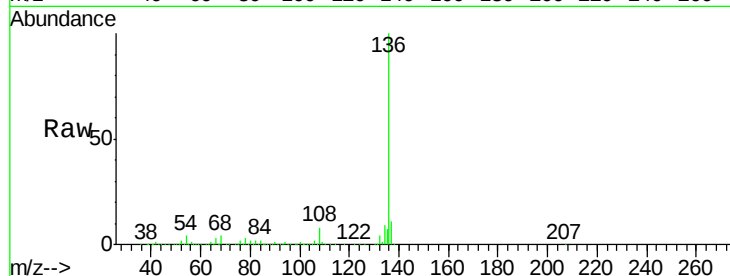
Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.2	13.8
54	4.4	7.2	10.8#
68	4.3	5.8	8.8#

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: 68.73 ng

RT: 7.26 min Scan# 496

Delta R.T. -0.01 min

Lab File: BF089779.D

Acq: 17 Aug 2016 22:32

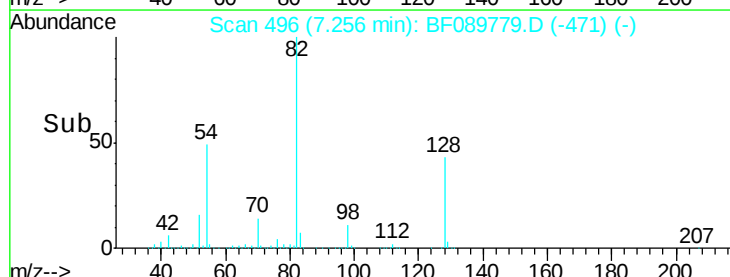
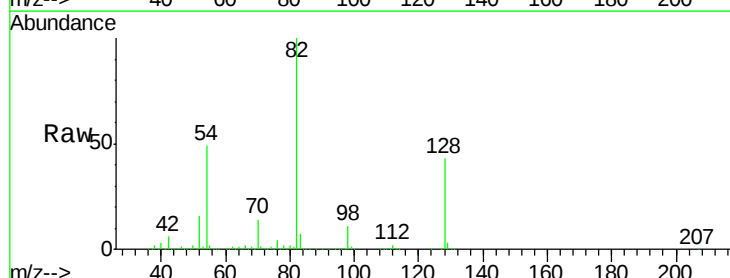
Tgt Ion: 82 Resp: 2401185

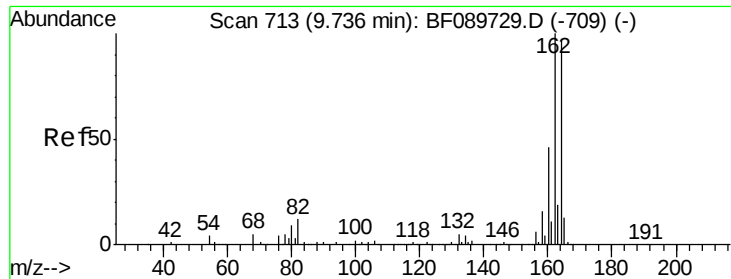
Ion	Ratio	Lower	Upper
82	100		
128	42.6	34.4	51.6
54	48.9	40.3	60.5

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: 9.74 min Scan# 713

Delta R.T. 0.00 min

Lab File: BF089779.D

Acq: 17 Aug 2016 22:32

Instrument :

BNA_F

ClientSampleId :

670-UNDERCLIFF-4

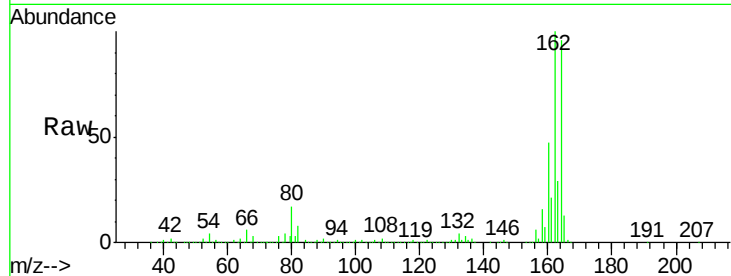
Tot Ion:164 Resp: 1048710

Ion Ratio Lower Upper

164 100

162 103.8 81.4 122.2

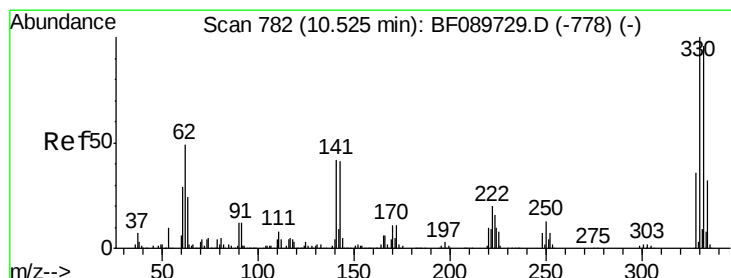
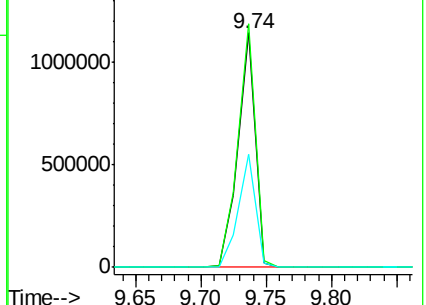
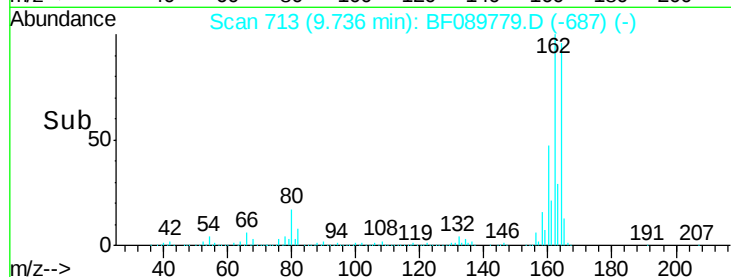
160 48.5 37.8 56.6



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: 97.66 ng

RT: 10.51 min Scan# 781

Delta R.T. -0.01 min

Lab File: BF089779.D

Acq: 17 Aug 2016 22:32

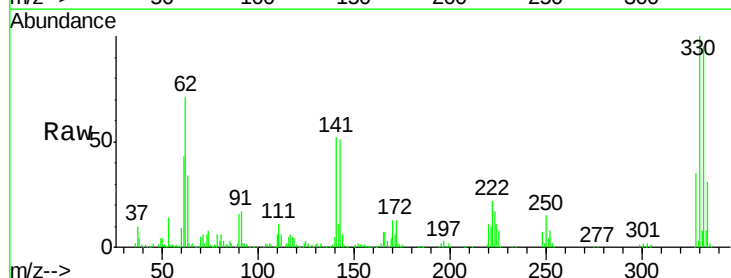
Tgt Ion:330 Resp: 990819

Ion Ratio Lower Upper

330 100

332 96.2 76.7 115.1

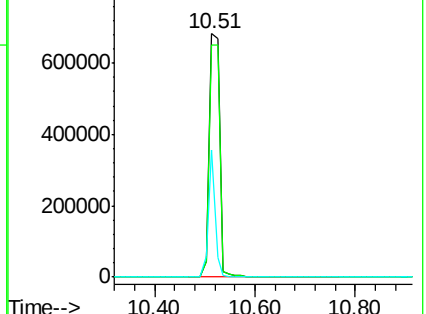
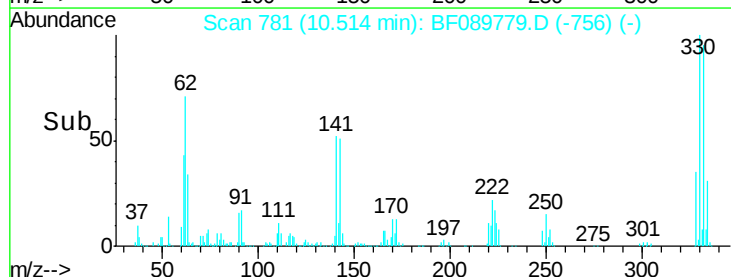
141 33.3 30.2 45.2

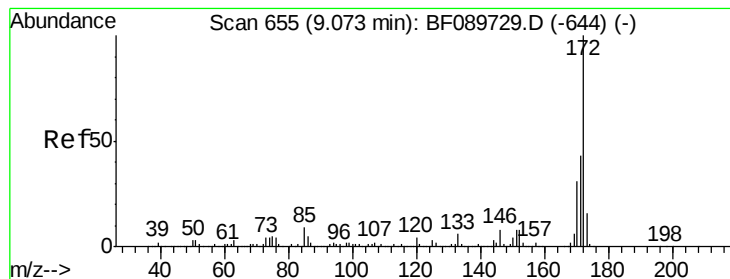


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

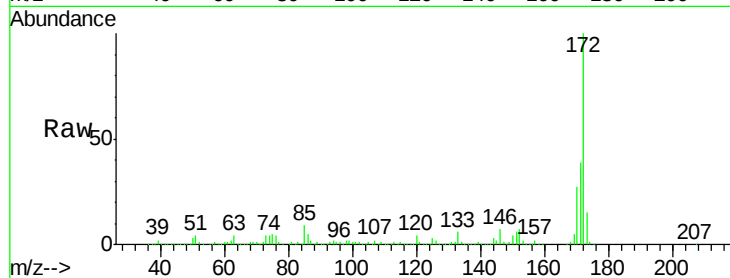




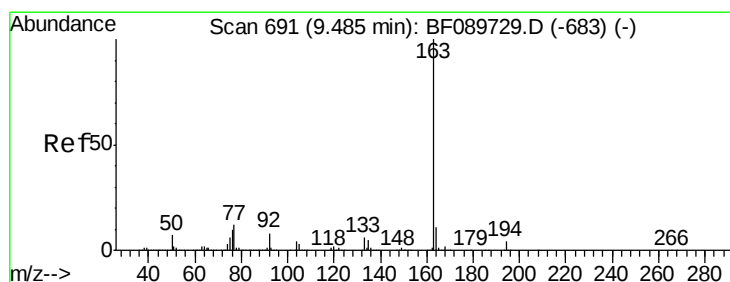
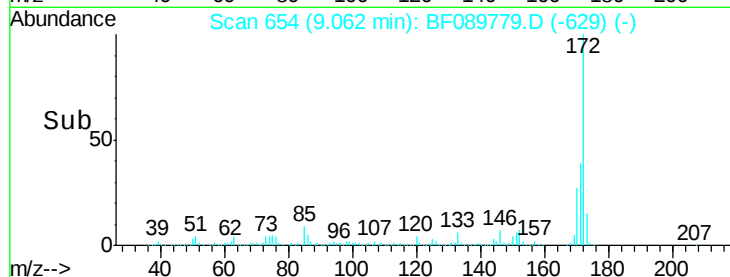
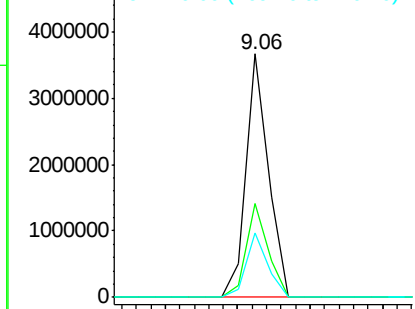
#44
2-Fluorobiphenyl
Concen: 59.96 ng
RT: 9.06 min Scan# 654
Delta R.T. -0.01 min
Lab File: BF089779.D
Acq: 17 Aug 2016 22:32

Instrument :
BNA_F
ClientSampleId :
670-UNDERCLIFF-4

Tot Ion:172 Resp: 3918605
Ion Ratio Lower Upper
172 100
171 38.6 30.5 45.7
170 26.7 20.6 31.0

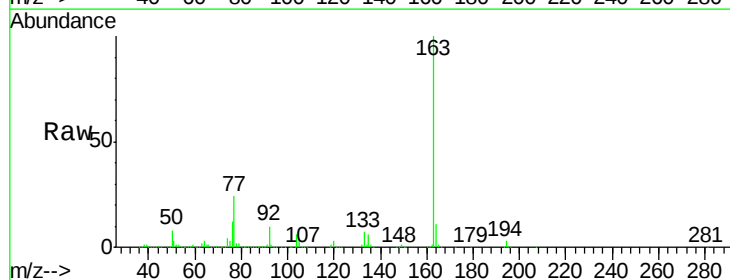


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

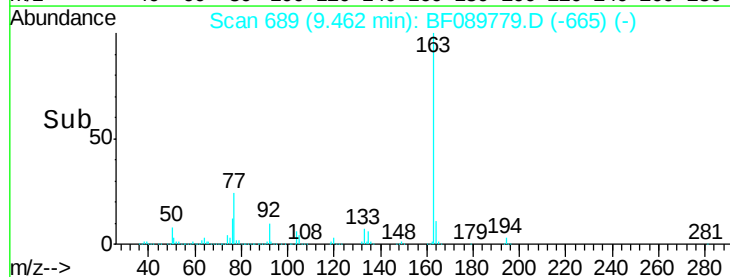
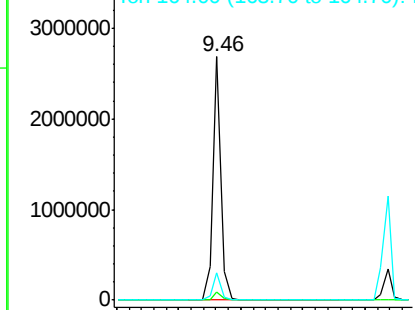


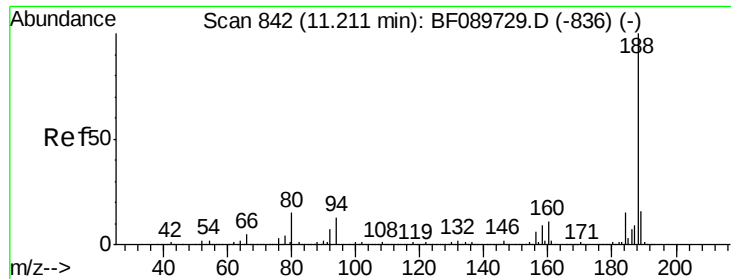
#49
Dimethylphthalate
Concen: 30.91 ng
RT: 9.46 min Scan# 689
Delta R.T. -0.02 min
Lab File: BF089779.D
Acq: 17 Aug 2016 22:32

Tgt Ion:163 Resp: 2345876
Ion Ratio Lower Upper
163 100
194 3.3 2.6 3.8
164 11.2 8.6 12.8



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

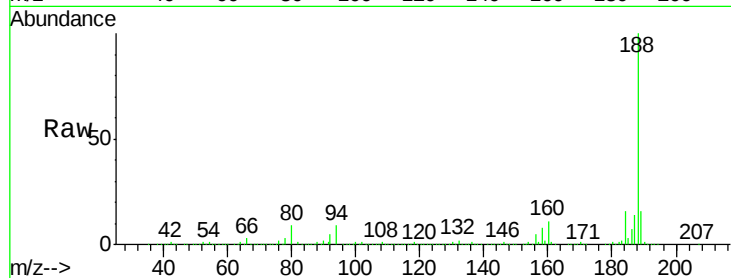




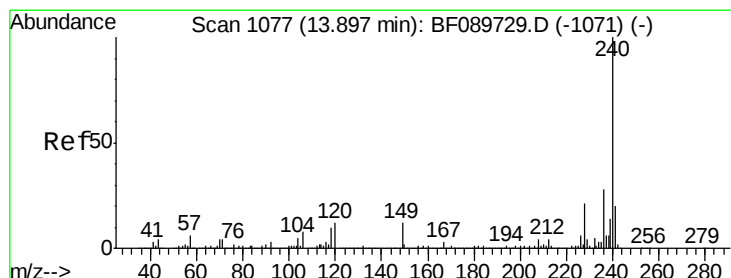
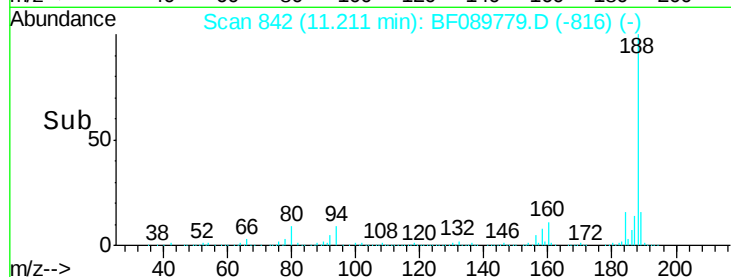
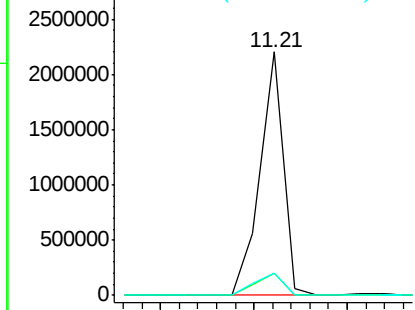
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.21 min Scan# 842
Delta R.T. 0.00 min
Lab File: BF089779.D
Acq: 17 Aug 2016 22:32

Instrument :
BNA_F
ClientSampleId :
670-UNDERCLIFF-4

Tot Ion:188 Resp: 1951541
Ion Ratio Lower Upper
188 100
94 9.1 10.2 15.2#
80 9.2 10.9 16.3#

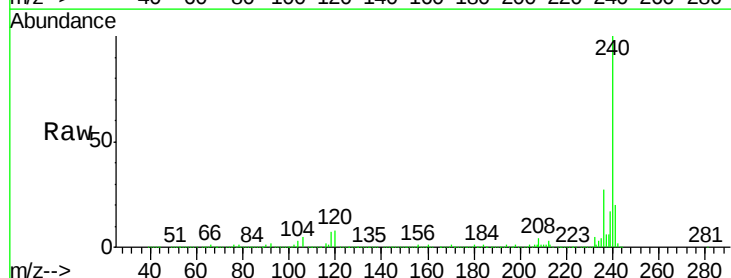


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

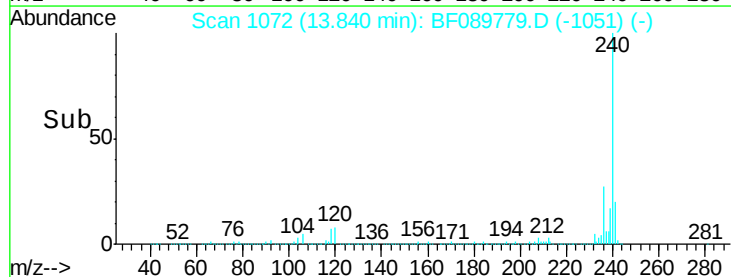
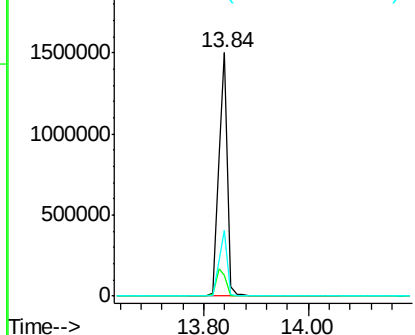


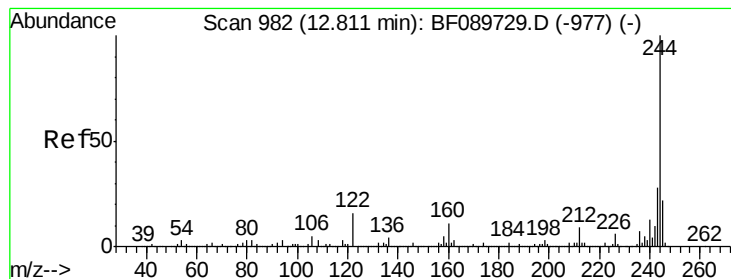
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.84 min Scan# 1072
Delta R.T. -0.06 min
Lab File: BF089779.D
Acq: 17 Aug 2016 22:32

Tgt Ion:240 Resp: 1710233
Ion Ratio Lower Upper
240 100
120 8.4 8.3 12.5
236 26.8 21.3 31.9



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: 62.56 ng

RT: 12.80 min Scan# 981

Delta R.T. -0.01 min

Lab File: BF089779.D

Acq: 17 Aug 2016 22:32

Instrument :

BNA_F

ClientSampleId :

670-UNDERCLIFF-4

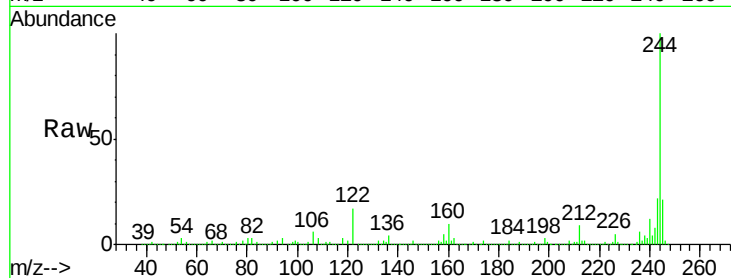
Tot Ion:244 Resp: 3581445

Ion Ratio Lower Upper

244 100

212 8.7 6.3 9.5

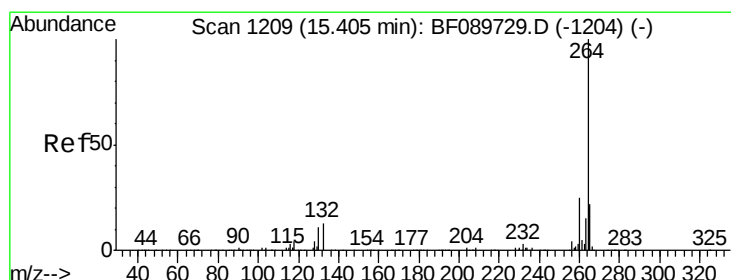
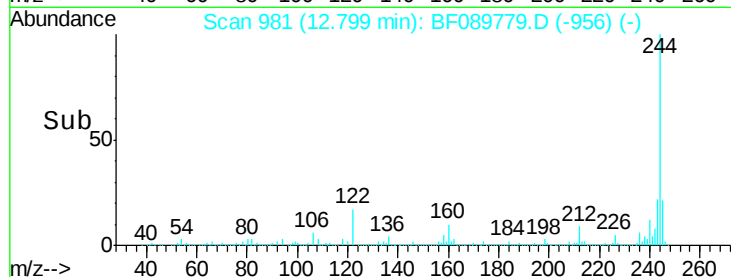
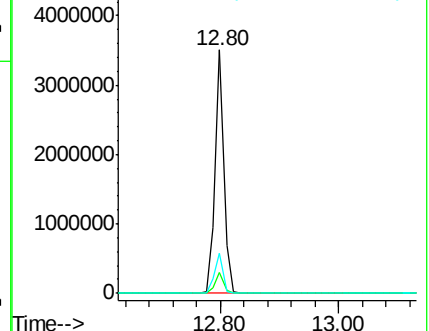
122 16.7 12.0 18.0



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: 15.23 min Scan# 1194

Delta R.T. -0.17 min

Lab File: BF089779.D

Acq: 17 Aug 2016 22:32

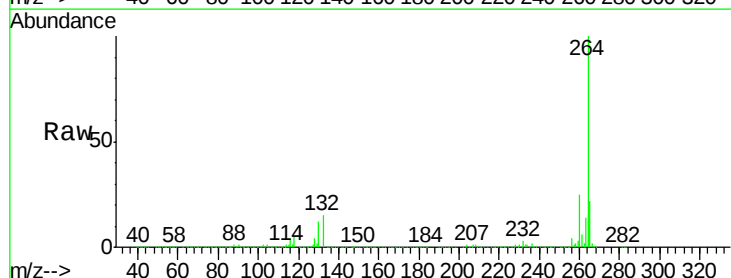
Tgt Ion:264 Resp: 1397583

Ion Ratio Lower Upper

264 100

260 24.6 20.2 30.2

265 22.0 17.4 26.2



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

