

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100317\
 Data File : BF099028.D
 Acq On : 3 Oct 2017 13:42
 Operator : SJ/JU
 Sample : I5275-05
 Misc : LOD 1 PPM
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 03 17:30:35 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 03 17:12:12 2017
 Response via : Initial Calibration

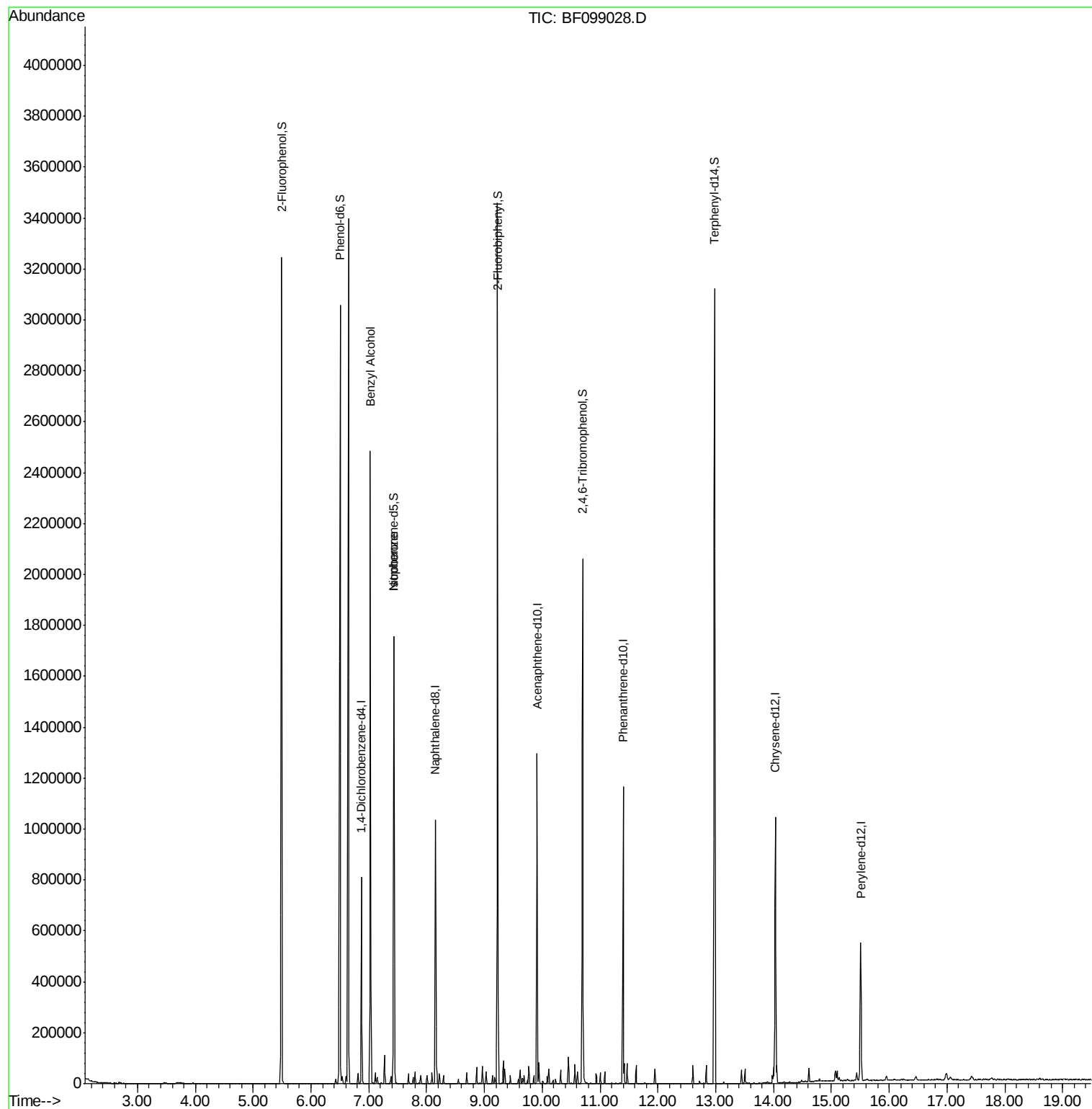
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	118355	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	501777	20.00	ng	0.00
38) Acenaphthene-d10	9.91	164	231058	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	418202	20.00	ng	0.00
75) Chrysene-d12	14.03	240	307550	20.00	ng	0.00
86) Perylene-d12	15.51	264	234557	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1062919	142.96	ng	0.00
7) Phenol-d6	6.50	99	1279992	139.56	ng	0.00
23) Nitrobenzene-d5	7.43	82	644064	82.32	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	276578	146.28	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1201648	86.82	ng	0.00
78) Terphenyl-d14	12.98	244	1004755	74.30	ng	0.00
Target Compounds						
15) Benzyl Alcohol	7.03	79	15024	2.233	ng	# 47
25) Isophorone	7.43	82	642895	39.742	ng	# 64

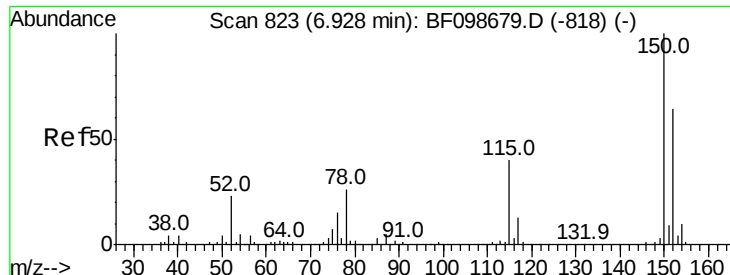
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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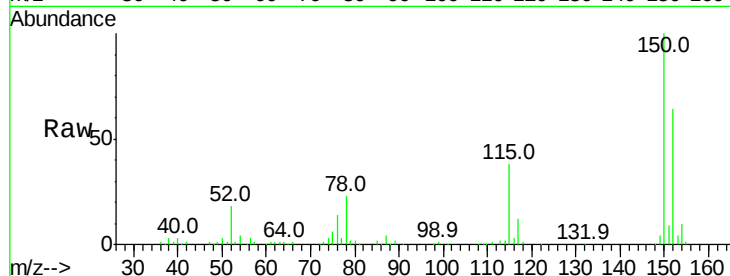


#1

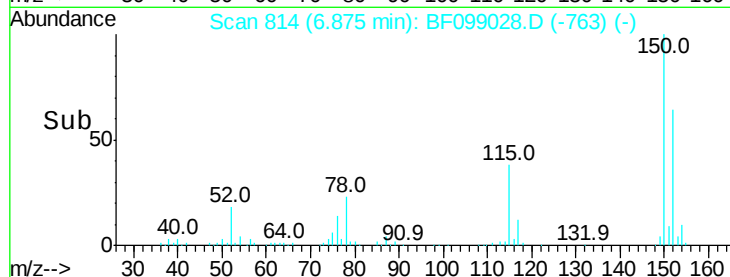
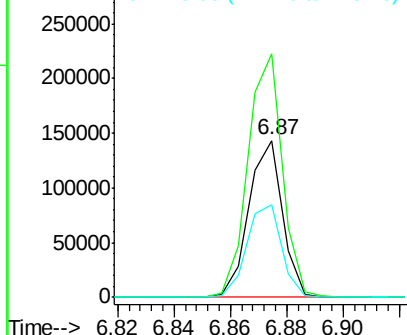
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.00 min
Lab File: BF099028.D
Acq: 3 Oct 2017 13:42

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 118355
Ion Ratio Lower Upper
152 100
150 155.1 124.6 186.8
115 58.6 50.1 75.1



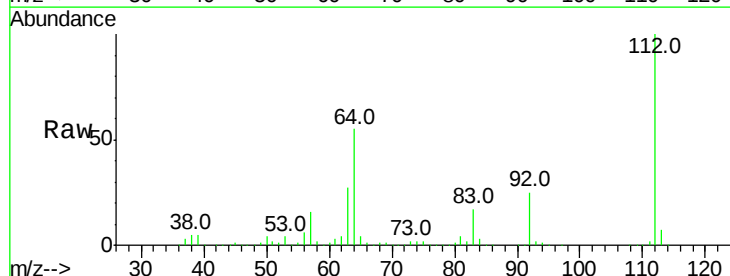
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



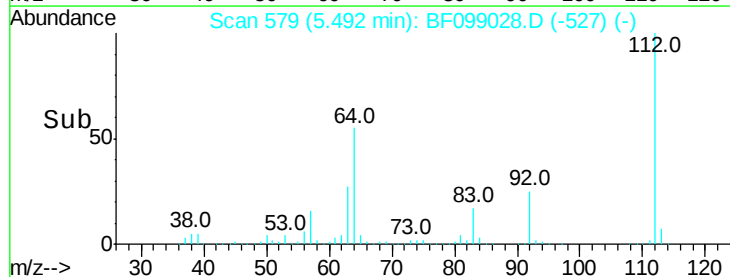
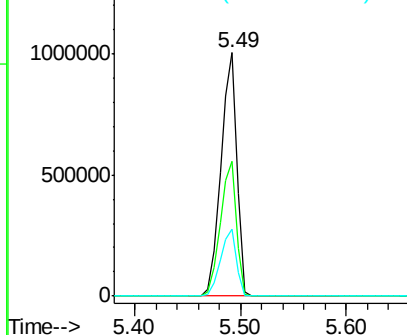
#5

2-Fluorophenol
Concen: 142.965 ng
RT: 5.49 min Scan# 579
Delta R.T. 0.01 min
Lab File: BF099028.D
Acq: 3 Oct 2017 13:42

Tgt Ion:112 Resp: 1062919
Ion Ratio Lower Upper
112 100
64 55.4 47.9 71.9
63 27.4 23.7 35.5



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: 139.559 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.00 min

Lab File: BF099028.D

Acq: 3 Oct 2017 13:42

Instrument :

BNA_F

ClientSampleId :

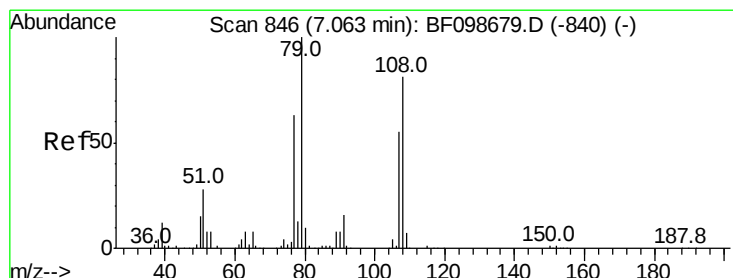
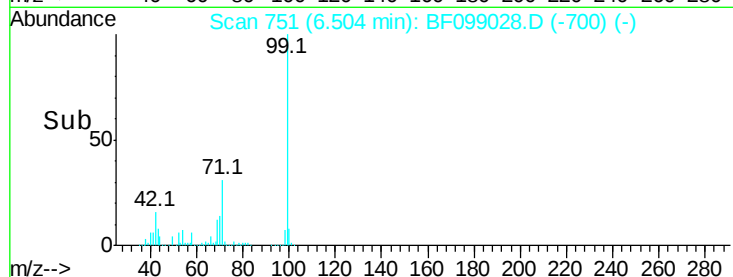
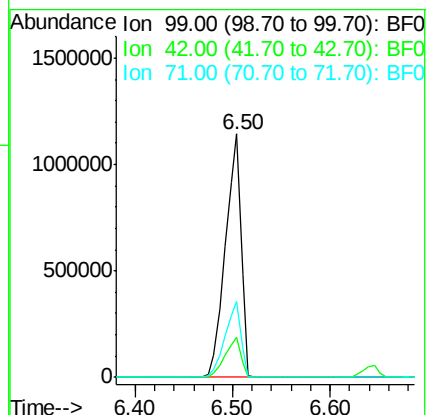
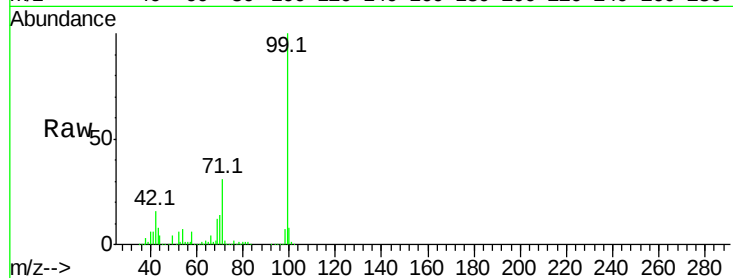
Tot Ion: 99 Resp: 1279992

Ion Ratio Lower Upper

99 100

42 16.2 14.5 21.7

71 31.5 25.4 38.0



#15

Benzyl Alcohol

Concen: 2.233 ng

RT: 7.03 min Scan# 840

Delta R.T. 0.01 min

Lab File: BF099028.D

Acq: 3 Oct 2017 13:42

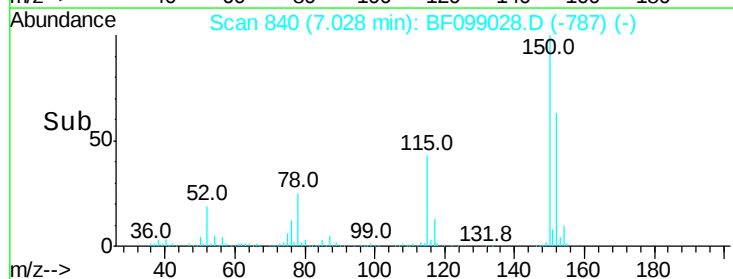
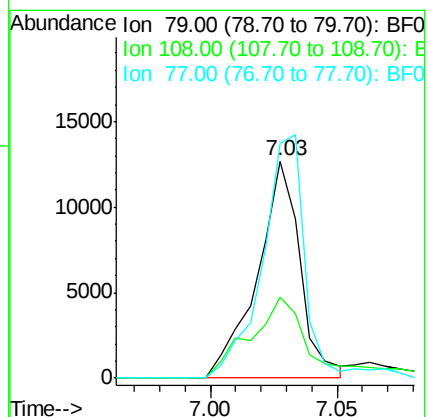
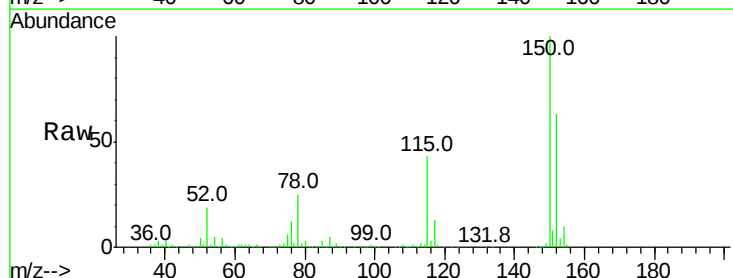
Tgt Ion: 79 Resp: 15024

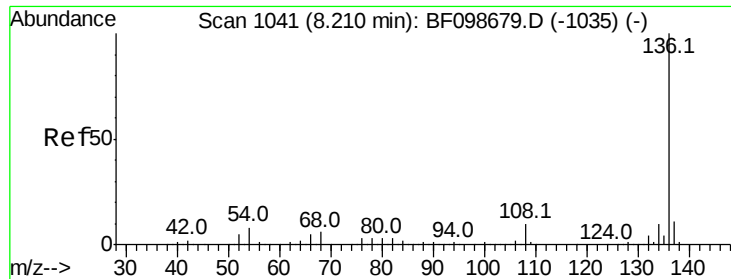
Ion Ratio Lower Upper

79 100

108 37.6 65.1 97.7#

77 108.0 50.6 75.8#

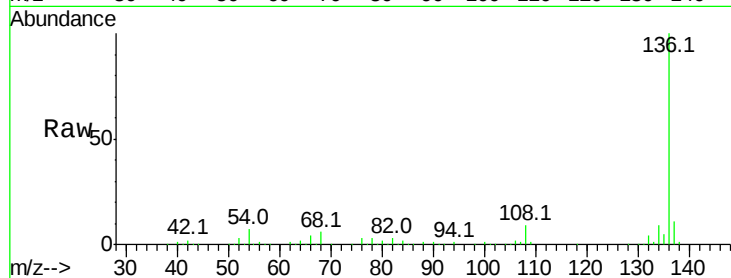




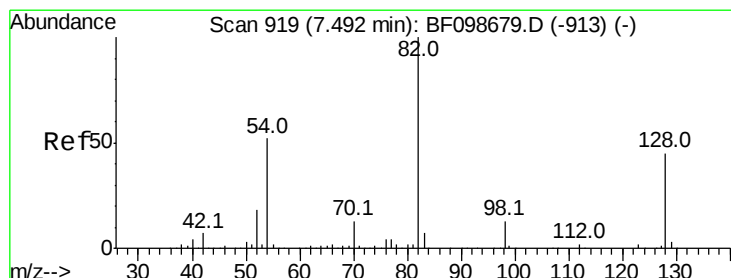
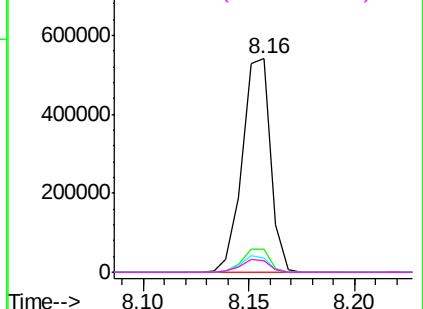
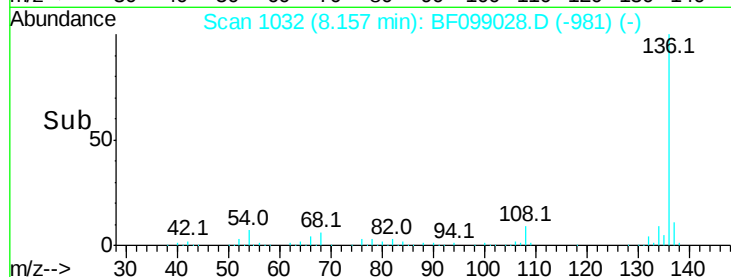
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BF099028.D
Acq: 3 Oct 2017 13:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	501777
Ion Ratio	Lower	Upper
136	100	
137	10.6	8.9 13.3
54	6.8	6.6 9.8
68	5.7	5.0 7.4

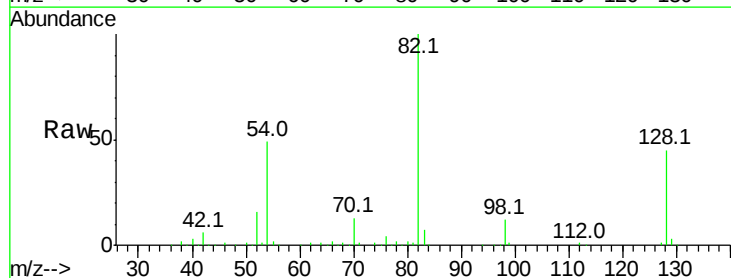


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

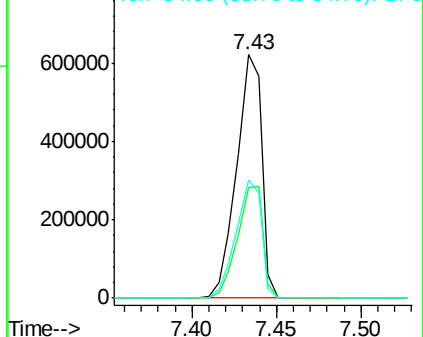
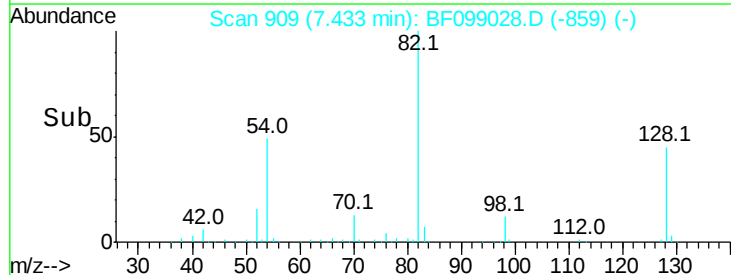


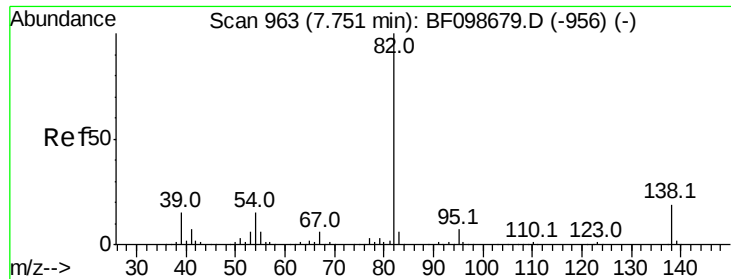
#23
Nitrobenzene-d5
Concen: 82.315 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: BF099028.D
Acq: 3 Oct 2017 13:42

Tgt Ion: 82	Resp:	644064
Ion Ratio	Lower	Upper
82	100	
128	45.2	36.1 54.1
54	48.7	41.4 62.2



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





#25

Isophorone

Concen: 39.742 ng

RT: 7.43 min Scan# 909

Delta R.T. -0.26 min

Lab File: BF099028.D

Acq: 3 Oct 2017 13:42

Instrument :

BNA_F

ClientSampleId :

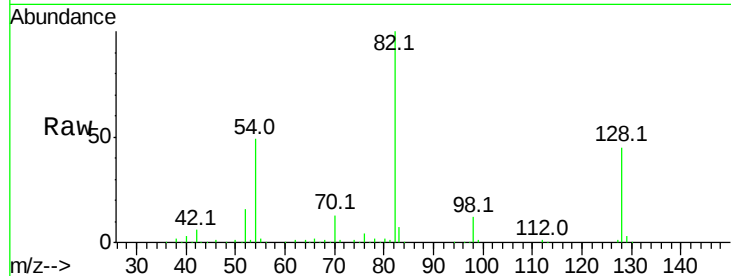
Tot Ion: 82 Resp: 642895

Ion Ratio Lower Upper

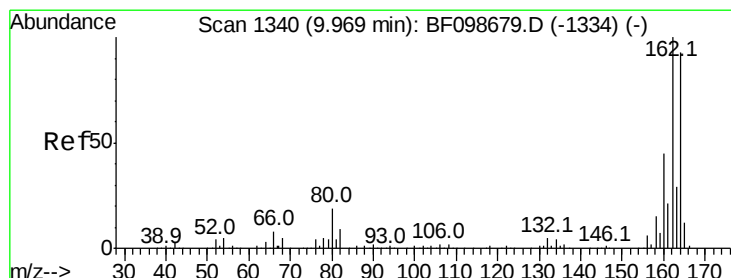
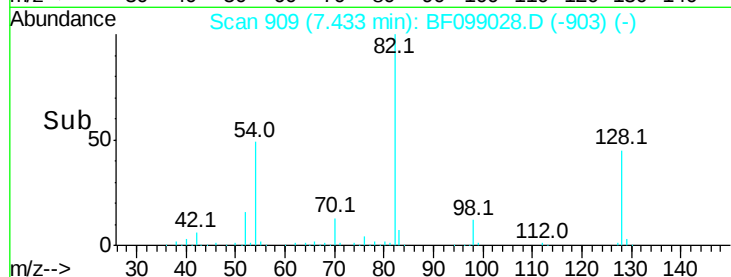
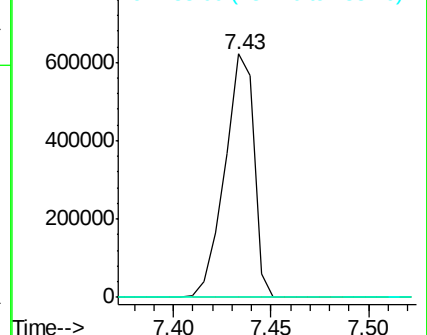
82 100

95 0.0 5.2 7.8#

138 0.0 14.9 22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.91 min Scan# 1330

Delta R.T. -0.01 min

Lab File: BF099028.D

Acq: 3 Oct 2017 13:42

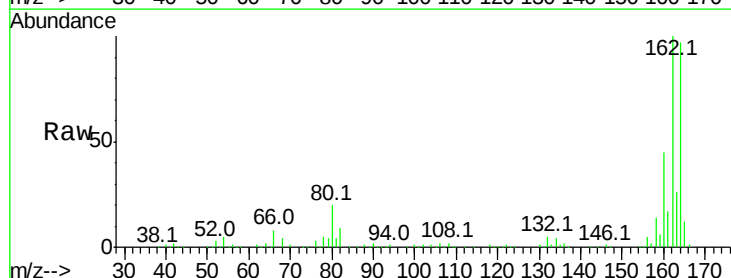
Tgt Ion:164 Resp: 231058

Ion Ratio Lower Upper

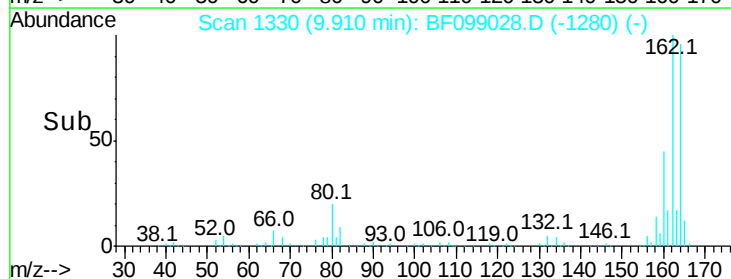
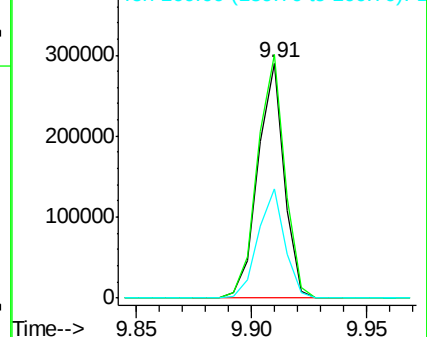
164 100

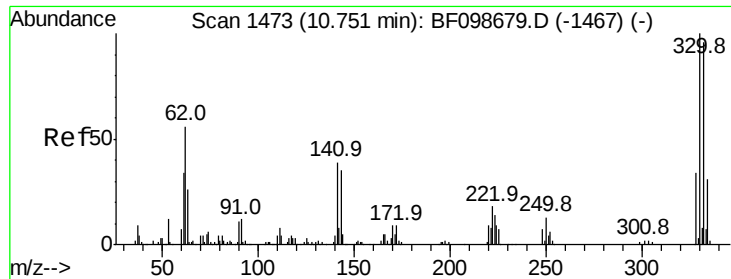
162 103.6 86.1 129.1

160 46.3 38.3 57.5



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

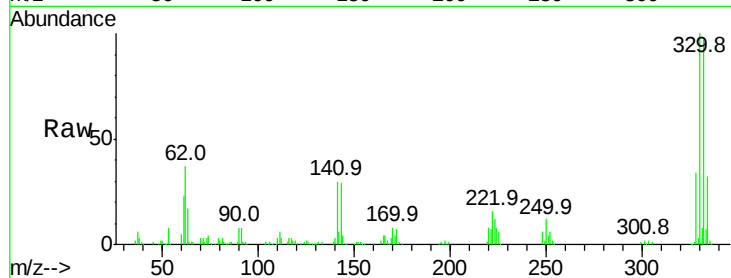




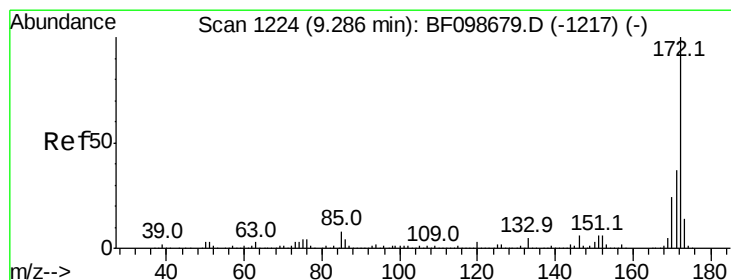
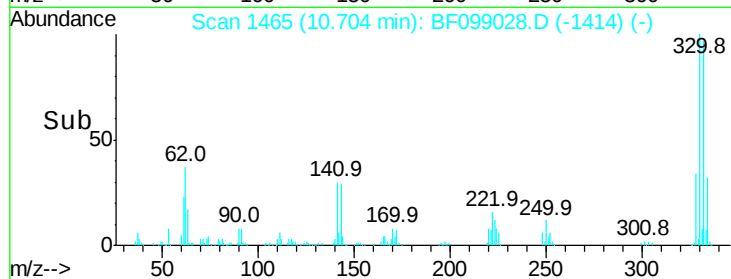
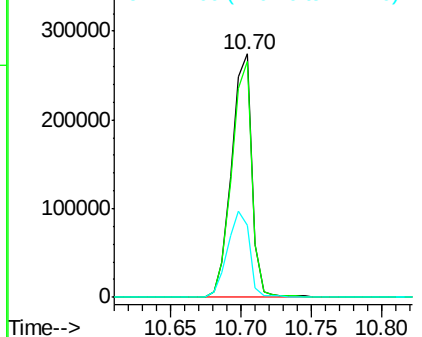
#41
 2,4,6-Tribromophenol
 Concen: 146.285 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.00 min
 Lab File: BF099028.D
 Acq: 3 Oct 2017 13:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 276578
 Ion Ratio Lower Upper
 330 100
 332 97.0 77.0 115.6
 141 38.8 29.9 44.9

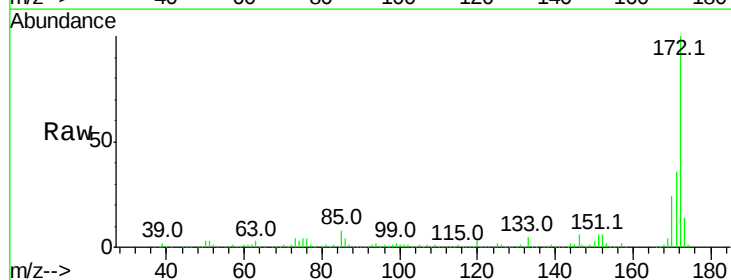


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

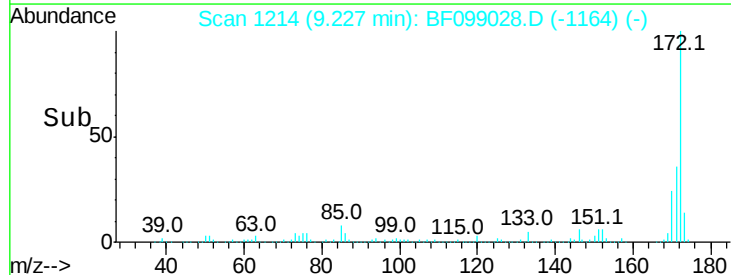
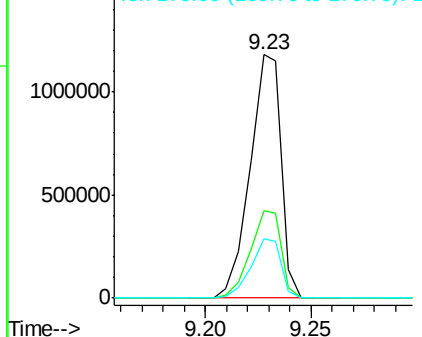


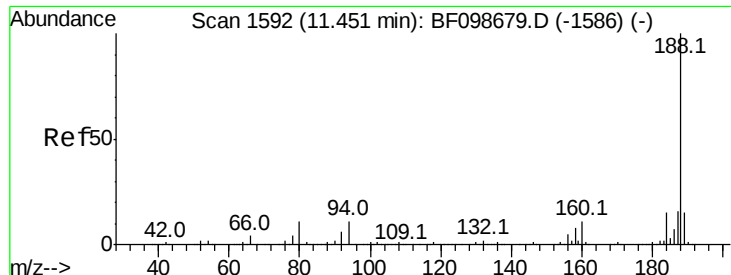
#44
 2-Fluorobiphenyl
 Concen: 86.820 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: BF099028.D
 Acq: 3 Oct 2017 13:42

Tgt Ion:172 Resp: 1201648
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.7 44.5
 170 24.2 19.6 29.4



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

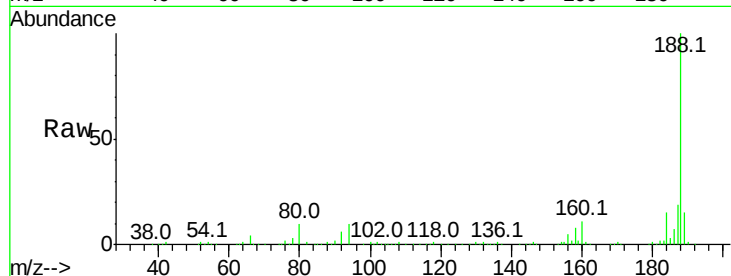




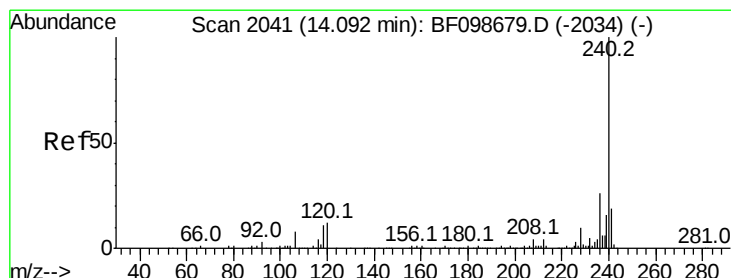
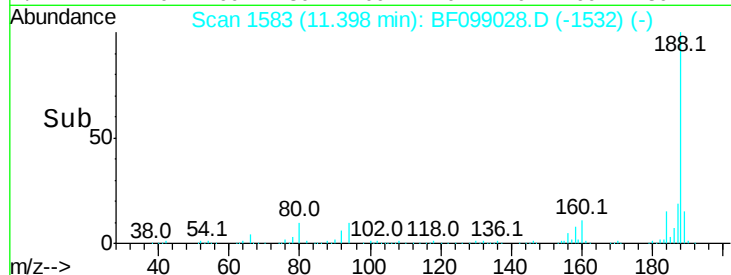
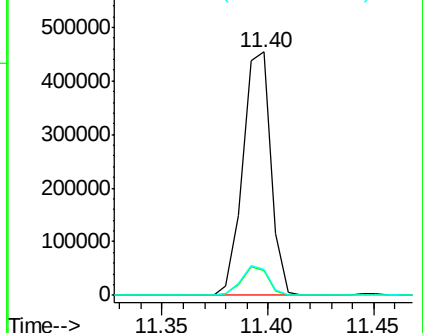
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.00 min
Lab File: BF099028.D
Acq: 3 Oct 2017 13:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 418202
Ion Ratio Lower Upper
188 100
94 10.2 8.5 12.7
80 10.4 9.2 13.8

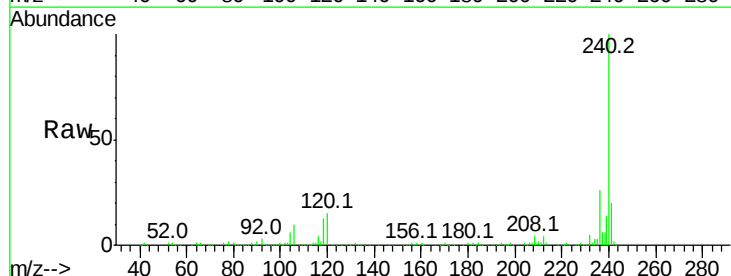


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

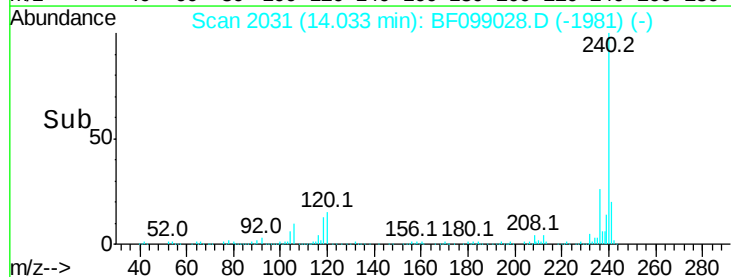
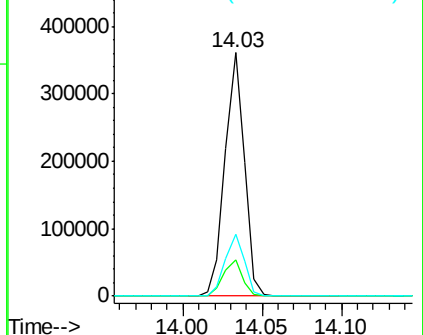


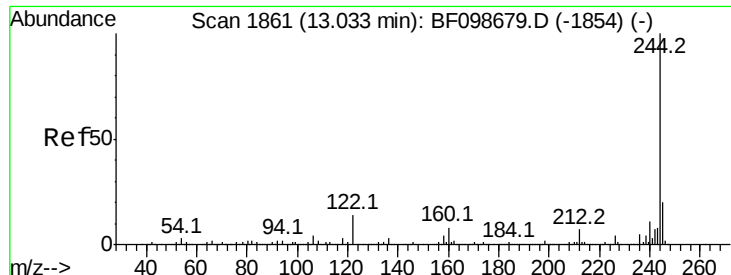
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF099028.D
Acq: 3 Oct 2017 13:42

Tgt Ion:240 Resp: 307550
Ion Ratio Lower Upper
240 100
120 14.6 9.5 14.3#
236 25.7 20.7 31.1



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: 74.297 ng

RT: 12.98 min Scan# 1852

Delta R.T. -0.00 min

Lab File: BF099028.D

Acq: 3 Oct 2017 13:42

Instrument :

BNA_F

ClientSampled :

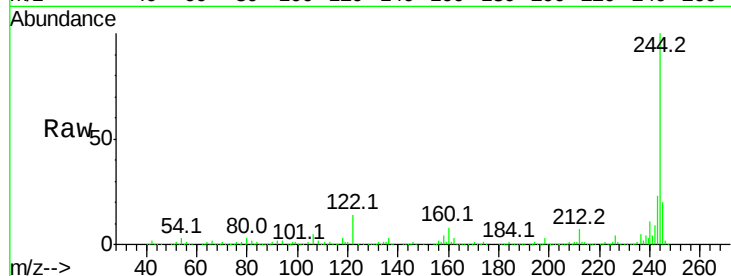
Tot Ion:244 Resp: 1004755

Ion Ratio Lower Upper

244 100

212 7.3 5.4 8.0

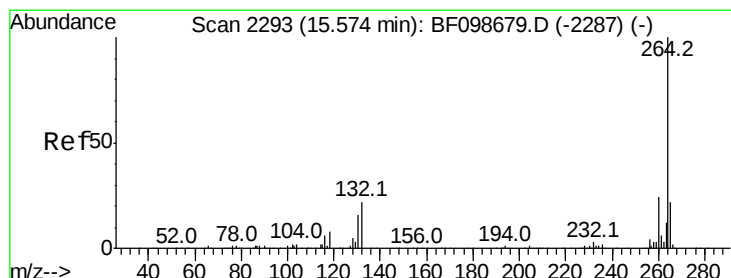
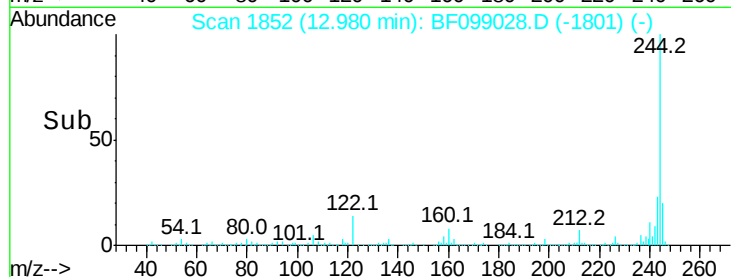
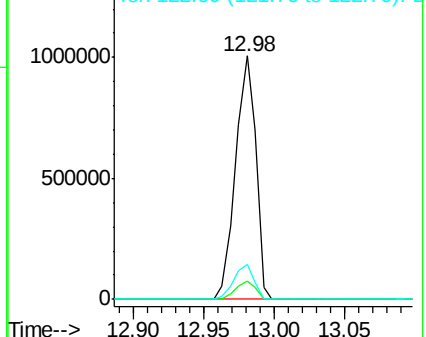
122 14.4 11.0 16.4



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: 20.000 ng

RT: 15.51 min Scan# 2282

Delta R.T. -0.01 min

Lab File: BF099028.D

Acq: 3 Oct 2017 13:42

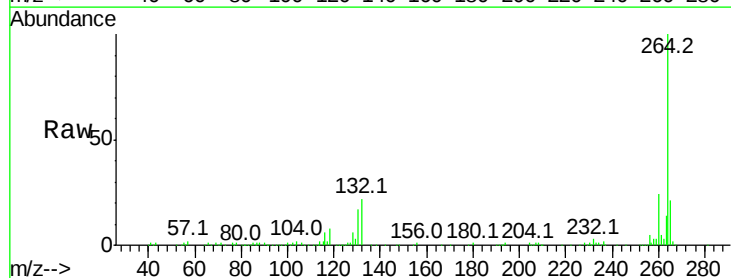
Tgt Ion:264 Resp: 234557

Ion Ratio Lower Upper

264 100

260 24.1 19.2 28.8

265 21.1 17.5 26.3



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

