

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG091417\
 Data File : BG028737.D
 Acq On : 14 Sep 2017 18:01
 Operator : SJ/JU
 Sample : I5187-08
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 20170607-COMP-D

Quant Time: Sep 15 08:41:28 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 16:57:11 2017
 Response via : Initial Calibration

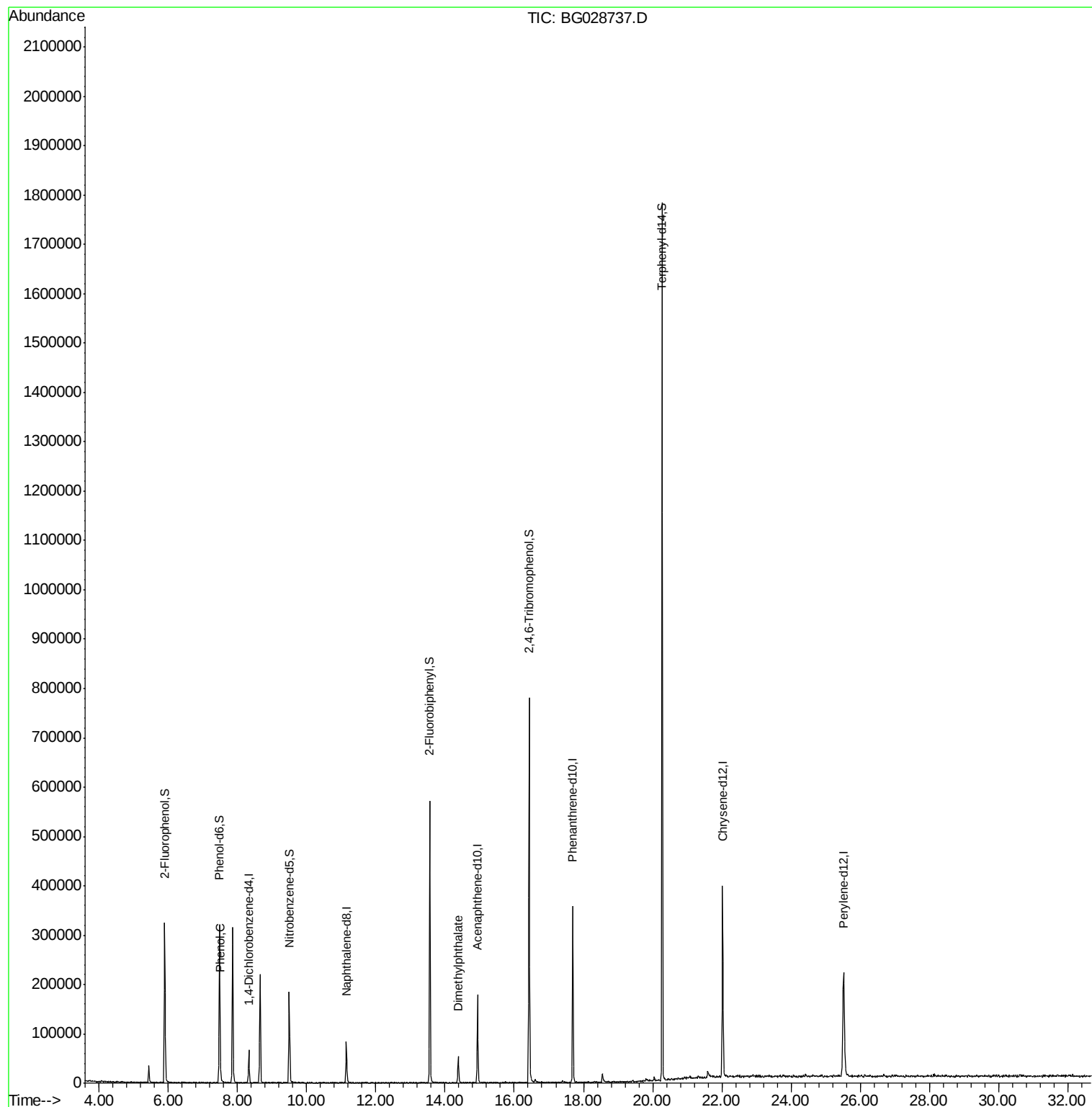
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.33	152	18408	20.00	ng	0.00
21) Naphthalene-d8	11.15	136	77125	20.00	ng	0.00
38) Acenaphthene-d10	14.94	164	68263	20.00	ng	0.00
63) Phenanthrene-d10	17.69	188	238039	20.00	ng	0.00
75) Chrysene-d12	22.02	240	276208	20.00	ng	0.00
86) Perylene-d12	25.52	264	288675	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.90	112	140457	125.90	ng	0.00
7) Phenol-d6	7.48	99	198983	118.47	ng	0.00
23) Nitrobenzene-d5	9.50	82	123492	76.60	ng	0.00
41) 2,4,6-Tribromophenol	16.43	330	176423	156.26	ng	0.00
44) 2-Fluorobiphenyl	13.56	172	324283	63.34	ng	0.00
78) Terphenyl-d14	20.28	244	843423	65.12	ng	0.00
Target Compounds						
10) Phenol	7.50	94	5733	3.234	ng	Qvalue # 67
49) Dimethylphthalate	14.38	163	44484	7.771	ng	98

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

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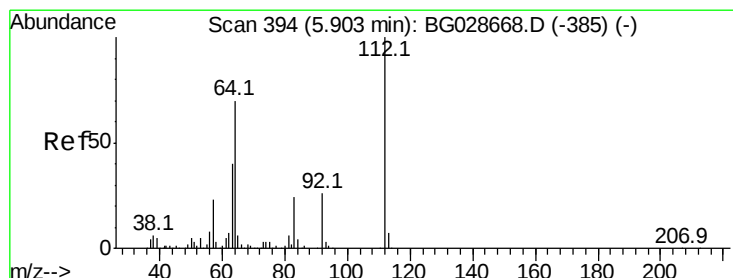
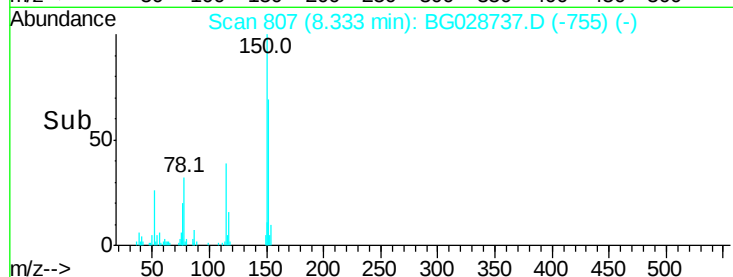
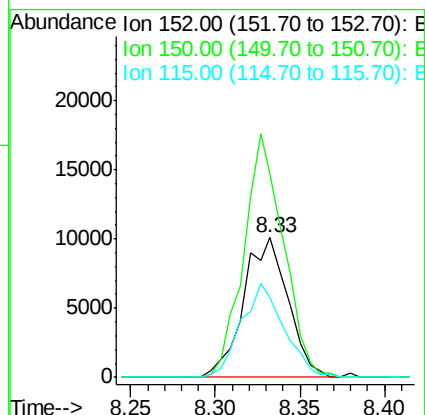
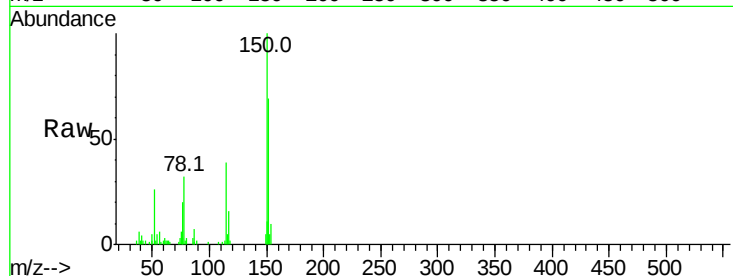


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.33 min Scan# 807
Delta R.T. 0.00 min
Lab File: BG028737.D
Acq: 14 Sep 2017 18:01

Instrument :
BNA_G
ClientSampleId :
20170607-COMP-D

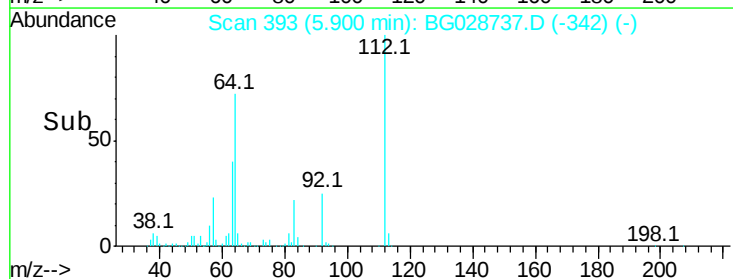
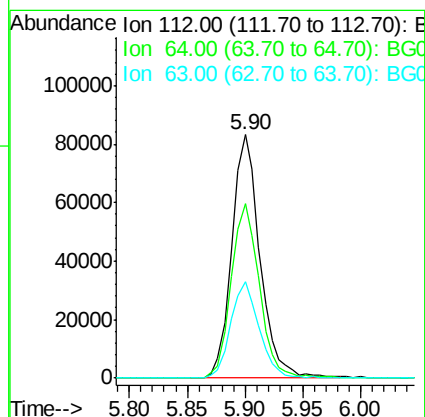
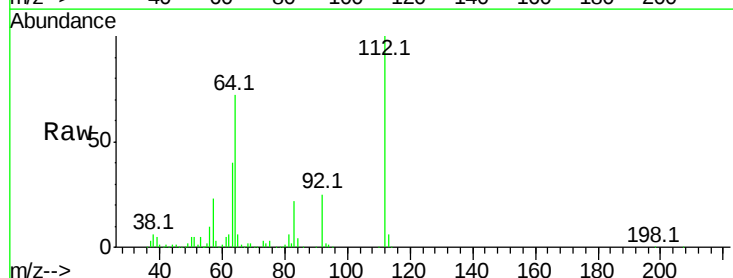
Tot Ion:152 Resp: 18408
Ion Ratio Lower Upper
152 100
150 145.9 114.0 171.0
115 57.0 48.1 72.1

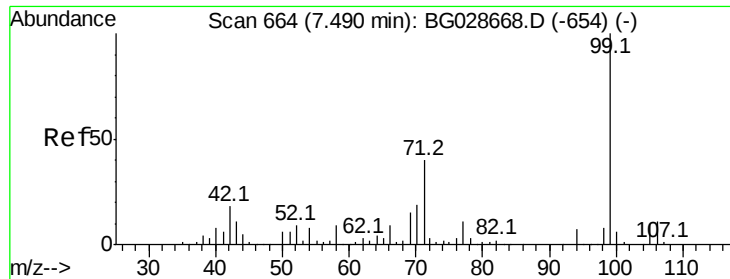


#5

2-Fluorophenol
Concen: 125.902 ng
RT: 5.90 min Scan# 393
Delta R.T. -0.00 min
Lab File: BG028737.D
Acq: 14 Sep 2017 18:01

Tgt Ion:112 Resp: 140457
Ion Ratio Lower Upper
112 100
64 71.7 61.8 92.6
63 39.6 37.2 55.8





#7

Phenol-d6

Concen: 118.465 ng

RT: 7.48 min Scan# 662

Delta R.T. -0.01 min

Lab File: BG028737.D

Acq: 14 Sep 2017 18:01

Instrument :

BNA_G

ClientSampleId :

20170607-COMP-D

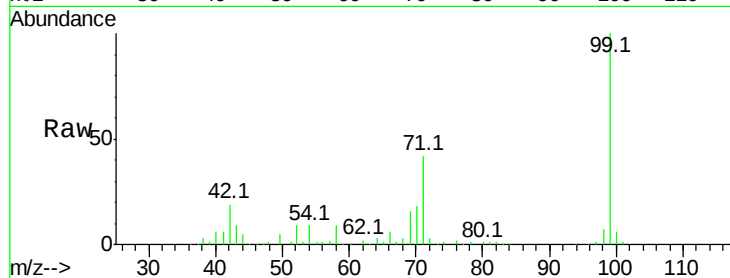
Tot Ion: 99 Resp: 198983

Ion Ratio Lower Upper

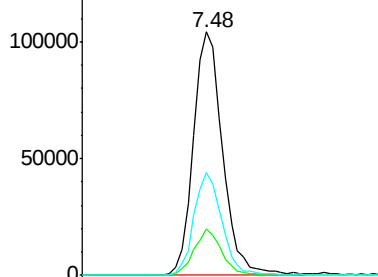
99 100

42 19.2 20.5 30.7#

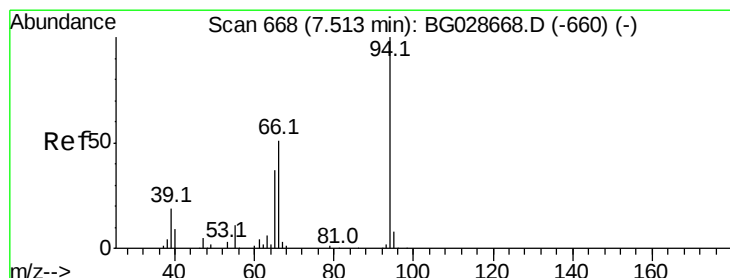
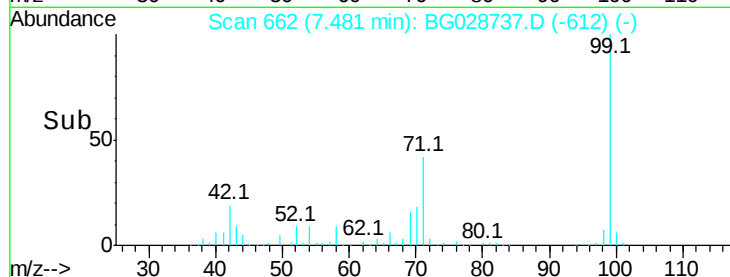
71 42.1 37.6 56.4



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



Time-->



#10

Phenol

Concen: 3.234 ng

RT: 7.50 min Scan# 666

Delta R.T. -0.01 min

Lab File: BG028737.D

Acq: 14 Sep 2017 18:01

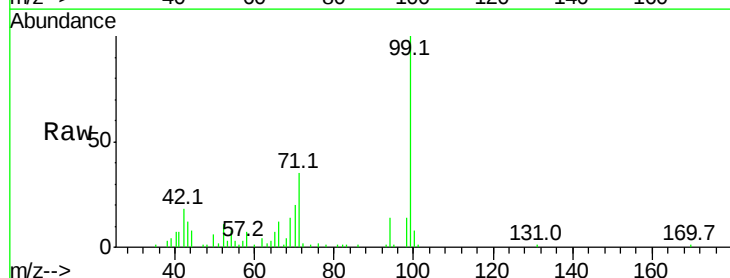
Tgt Ion: 94 Resp: 5733

Ion Ratio Lower Upper

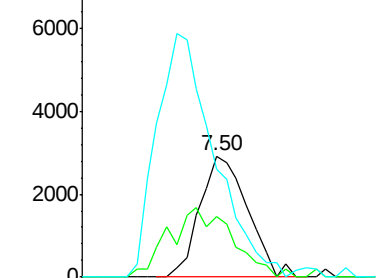
94 100

65 49.8 20.6 60.6

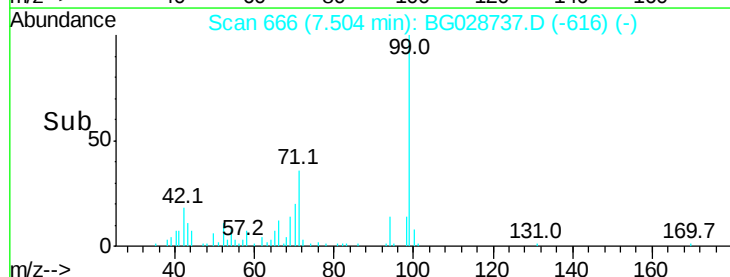
66 89.3 35.5 75.5#

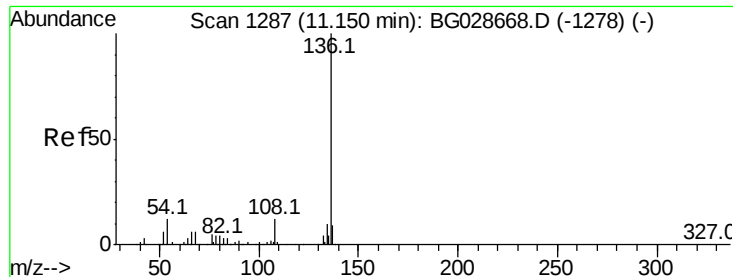


Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC



Time-->

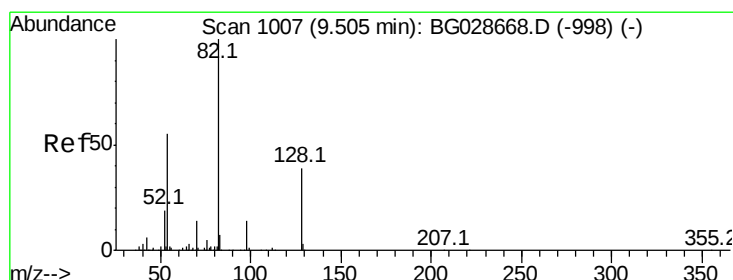
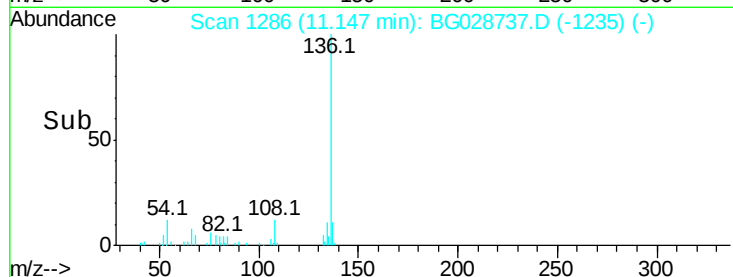
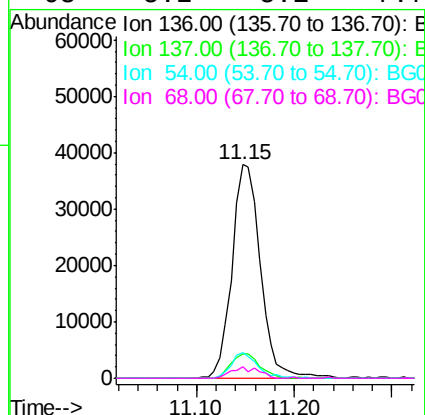
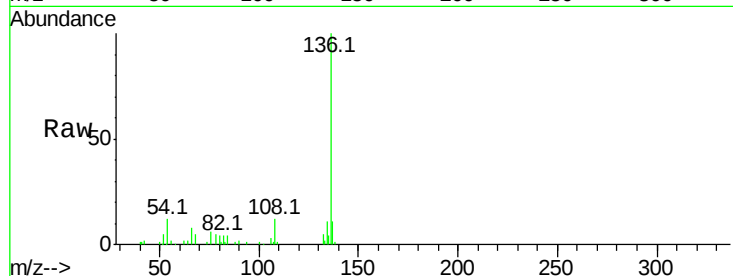




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.15 min Scan# 1286
Delta R.T. -0.00 min
Lab File: BG028737.D
Acq: 14 Sep 2017 18:01

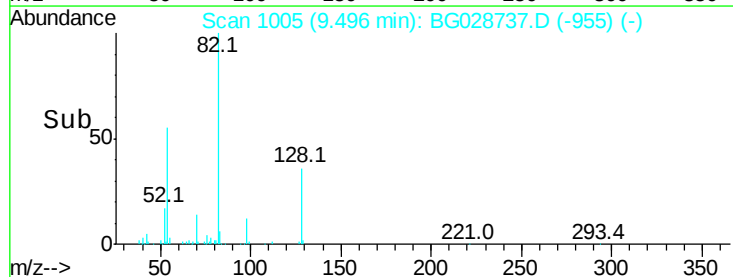
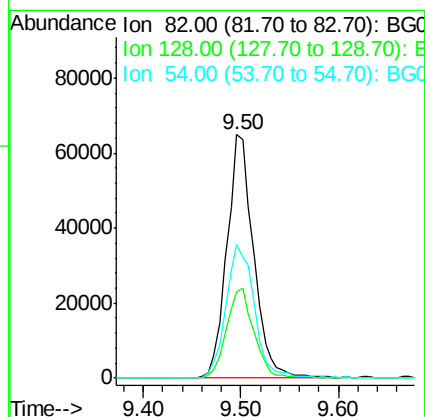
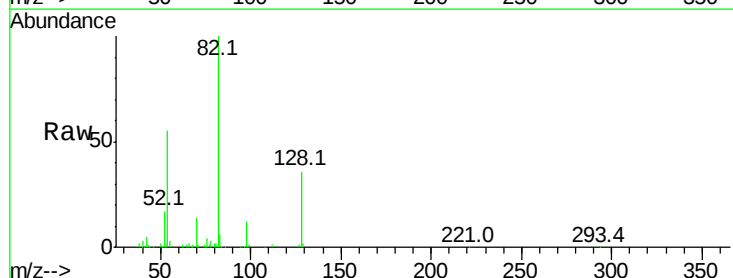
Instrument :
BNA_G
ClientSampleId :
20170607-COMP-D

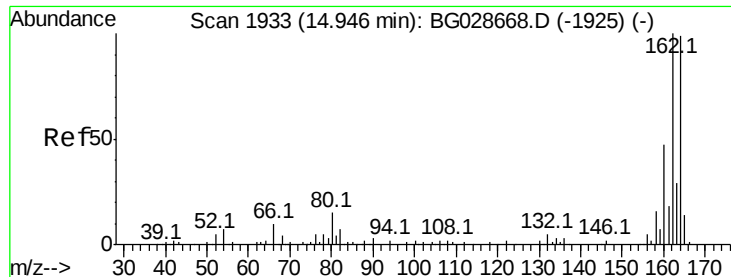
Tot Ion:	136	Resp:	77125
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.9	13.3
54	11.7	9.3	13.9
68	5.2	5.1	7.7



#23
Nitrobenzene-d5
Concen: 76.597 ng
RT: 9.50 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BG028737.D
Acq: 14 Sep 2017 18:01

Tgt Ion:	82	Resp:	123492
Ion	Ratio	Lower	Upper
82	100		
128	35.6	26.4	39.6
54	54.8	49.4	74.2





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.94 min Scan# 1932

Delta R.T. -0.00 min

Lab File: BG028737.D

Acq: 14 Sep 2017 18:01

Instrument :

BNA_G

ClientSampleId :

20170607-COMP-D

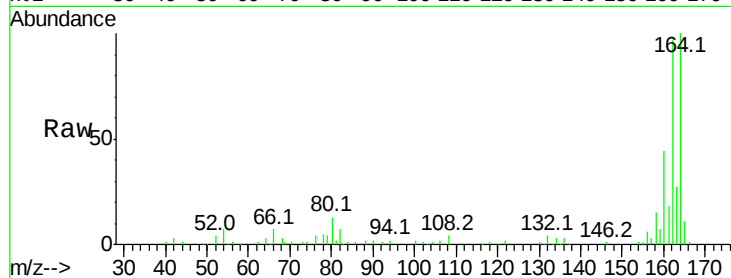
Tot Ion:164 Resp: 68263

Ion Ratio Lower Upper

164 100

162 96.8 85.1 127.7

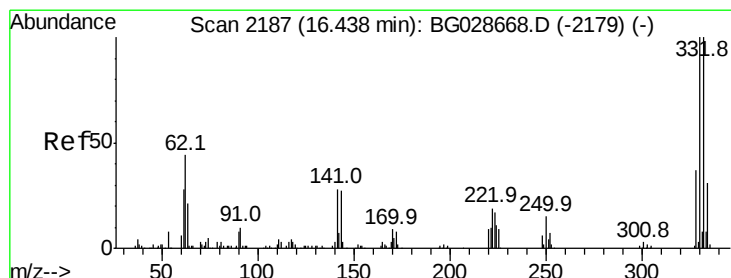
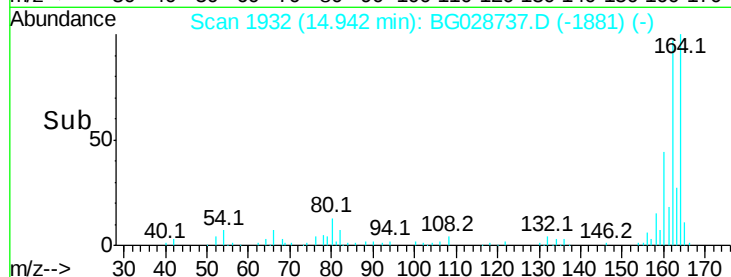
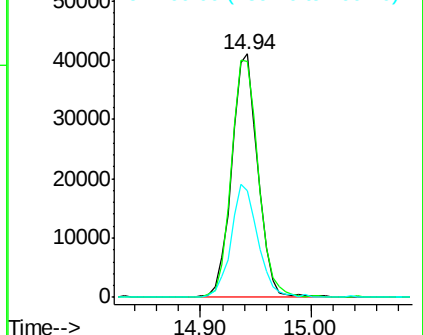
160 43.7 34.7 52.1



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: 156.261 ng

RT: 16.43 min Scan# 2185

Delta R.T. -0.01 min

Lab File: BG028737.D

Acq: 14 Sep 2017 18:01

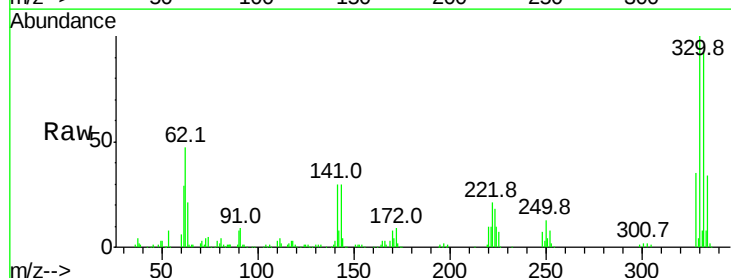
Tgt Ion:330 Resp: 176423

Ion Ratio Lower Upper

330 100

332 95.5 77.3 115.9

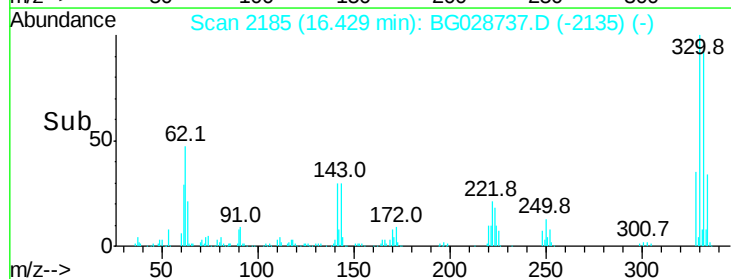
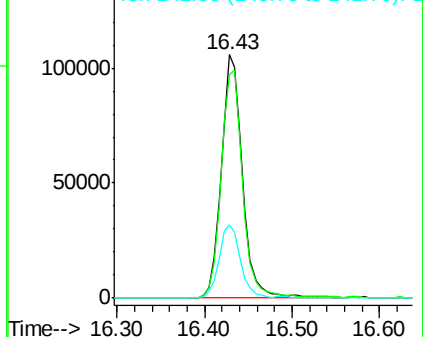
141 30.4 32.1 48.1#

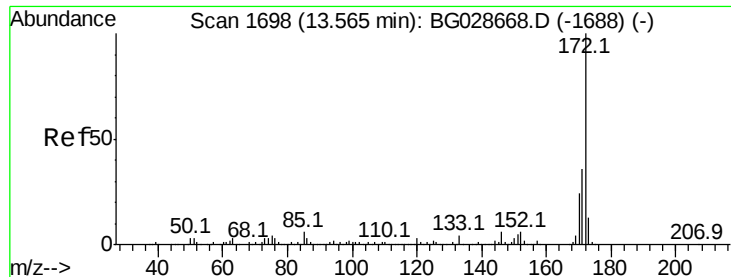


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

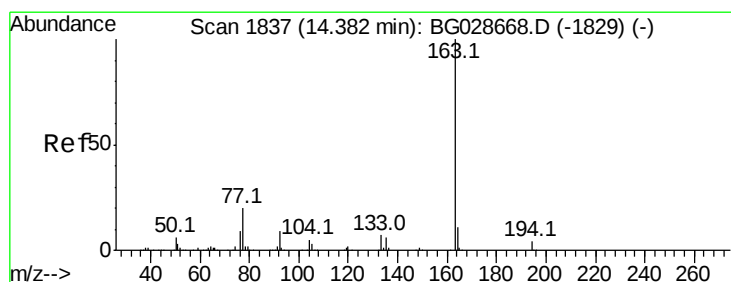
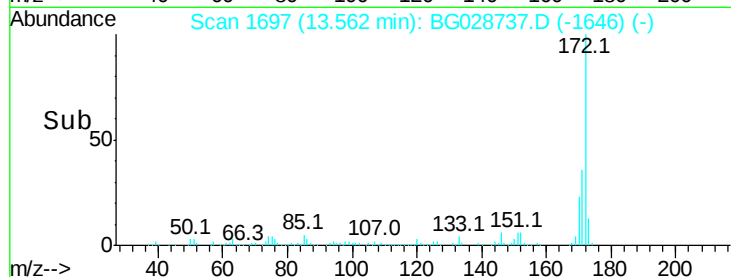
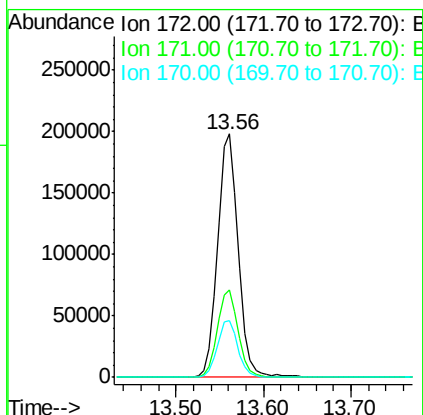
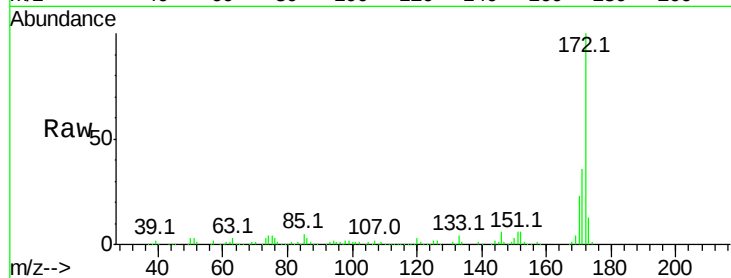




#44
2-Fluorobiphenyl
Concen: 63.344 ng
RT: 13.56 min Scan# 1697
Delta R.T. -0.00 min
Lab File: BG028737.D
Acq: 14 Sep 2017 18:01

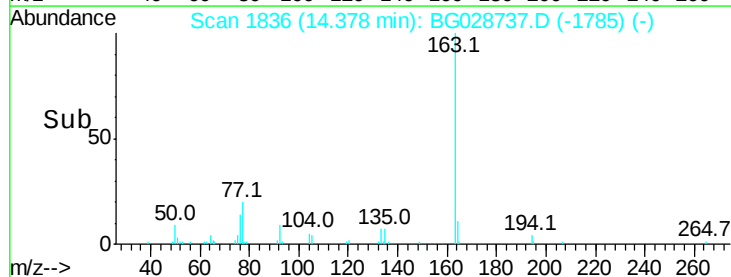
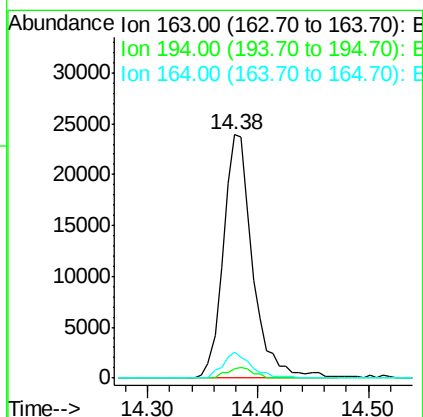
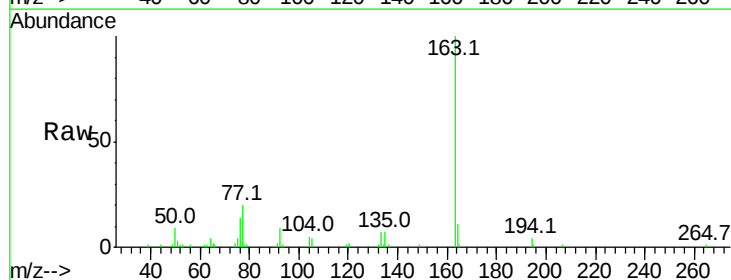
Instrument :
BNA_G
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20170607-COMP-D

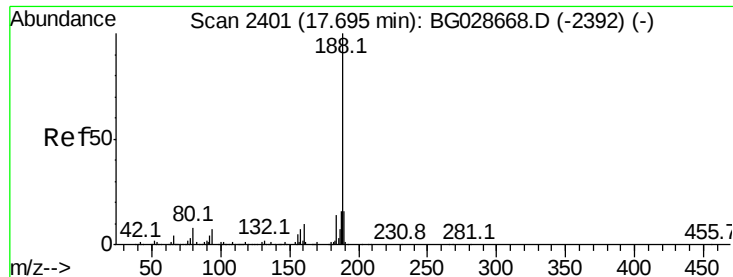
Tot Ion:172 Resp: 324283
Ion Ratio Lower Upper
172 100
171 36.1 32.2 48.2
170 23.4 21.8 32.6



#49
Dimethylphthalate
Concen: 7.771 ng
RT: 14.38 min Scan# 1836
Delta R.T. -0.00 min
Lab File: BG028737.D
Acq: 14 Sep 2017 18:01

Tgt Ion:163 Resp: 44484
Ion Ratio Lower Upper
163 100
194 4.1 3.8 5.6
164 10.9 9.3 13.9





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.69 min Scan# 2400

Delta R.T. -0.00 min

Lab File: BG028737.D

Acq: 14 Sep 2017 18:01

Instrument :

BNA_G

ClientSampleId :

20170607-COMP-D

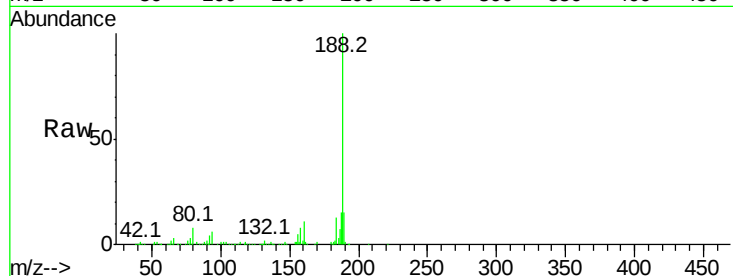
Tot Ion:188 Resp: 238039

Ion Ratio Lower Upper

188 100

94 6.2 5.8 8.8

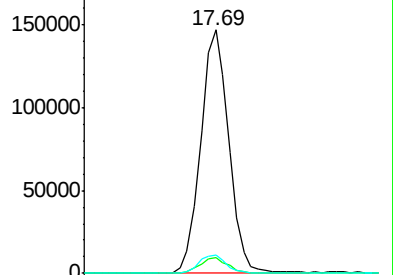
80 7.6 7.5 11.3



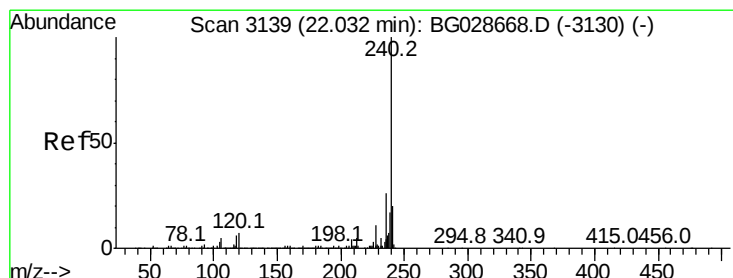
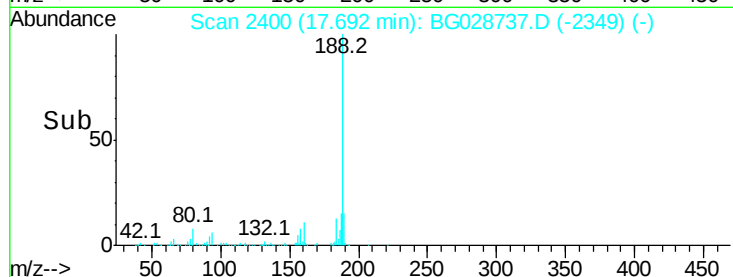
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



Time--> 17.60 17.70 17.80



#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.02 min Scan# 3137

Delta R.T. -0.01 min

Lab File: BG028737.D

Acq: 14 Sep 2017 18:01

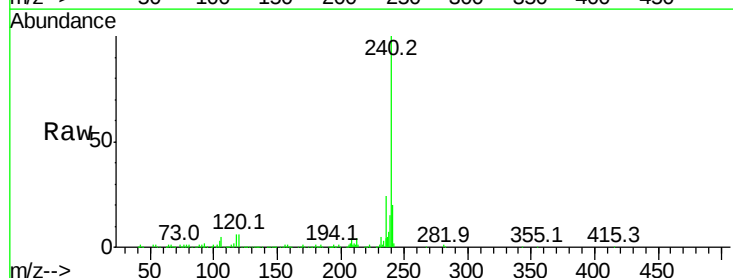
Tgt Ion:240 Resp: 276208

Ion Ratio Lower Upper

240 100

120 6.2 5.7 8.5

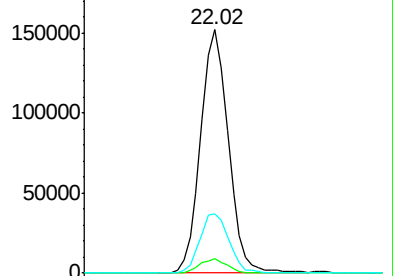
236 24.1 22.2 33.4



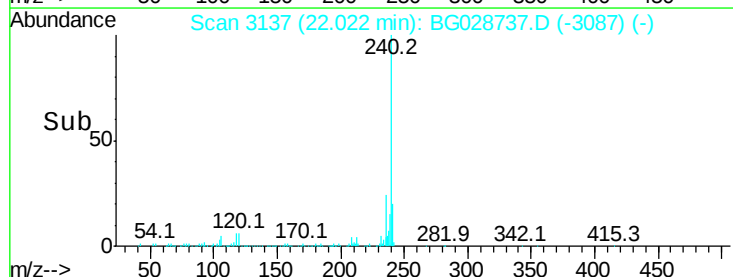
Abundance Ion 240.00 (239.70 to 240.70): E

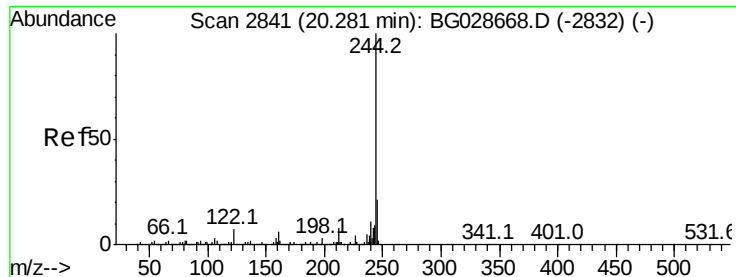
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time--> 21.90 22.00 22.10





#78

Terphenyl-d14

Concen: 65.120 ng

RT: 20.28 min Scan# 2840

Delta R.T. -0.00 min

Lab File: BG028737.D

Acq: 14 Sep 2017 18:01

Instrument :

BNA_G

ClientSampleId :

20170607-COMP-D

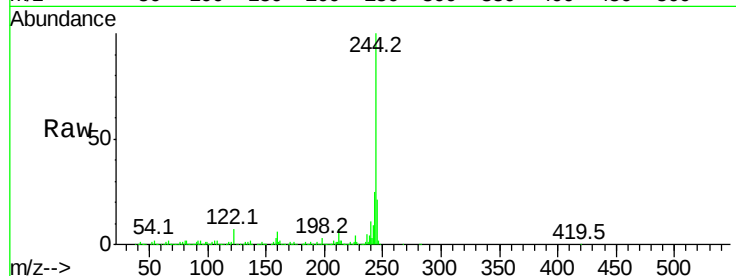
Tot Ion:244 Resp: 843423

Ion Ratio Lower Upper

244 100

212 7.4 10.0 15.0#

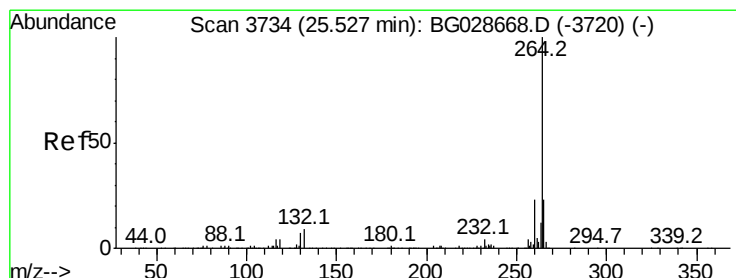
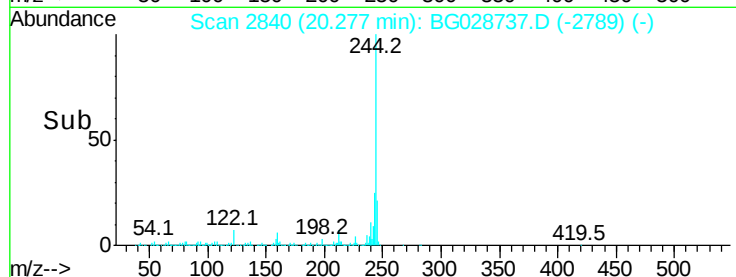
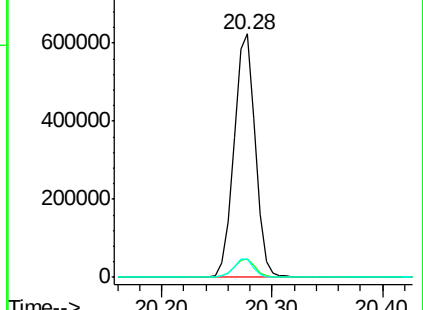
122 7.5 8.6 12.8#



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: 25.52 min Scan# 3732

Delta R.T. -0.01 min

Lab File: BG028737.D

Acq: 14 Sep 2017 18:01

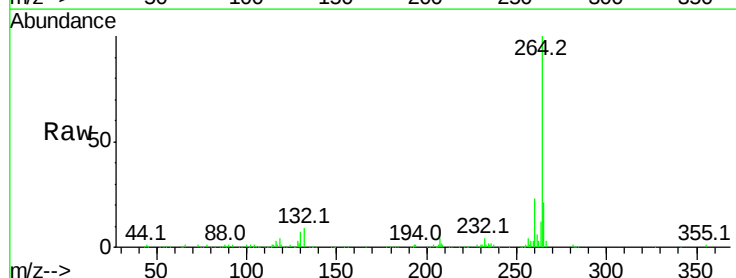
Tgt Ion:264 Resp: 288675

Ion Ratio Lower Upper

264 100

260 22.8 21.8 32.8

265 20.5 18.2 27.4



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

