

Data Path : Z:\HPCHEM1\BNA G\DATA\BG112117\
 Data File : BG031165.D
 Acq On : 21 Nov 2017 22:58
 Operator : SJ/JU
 Sample : I6505-04
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 22 00:35:47 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG111017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 10 15:38:25 2017
 Response via : Initial Calibration

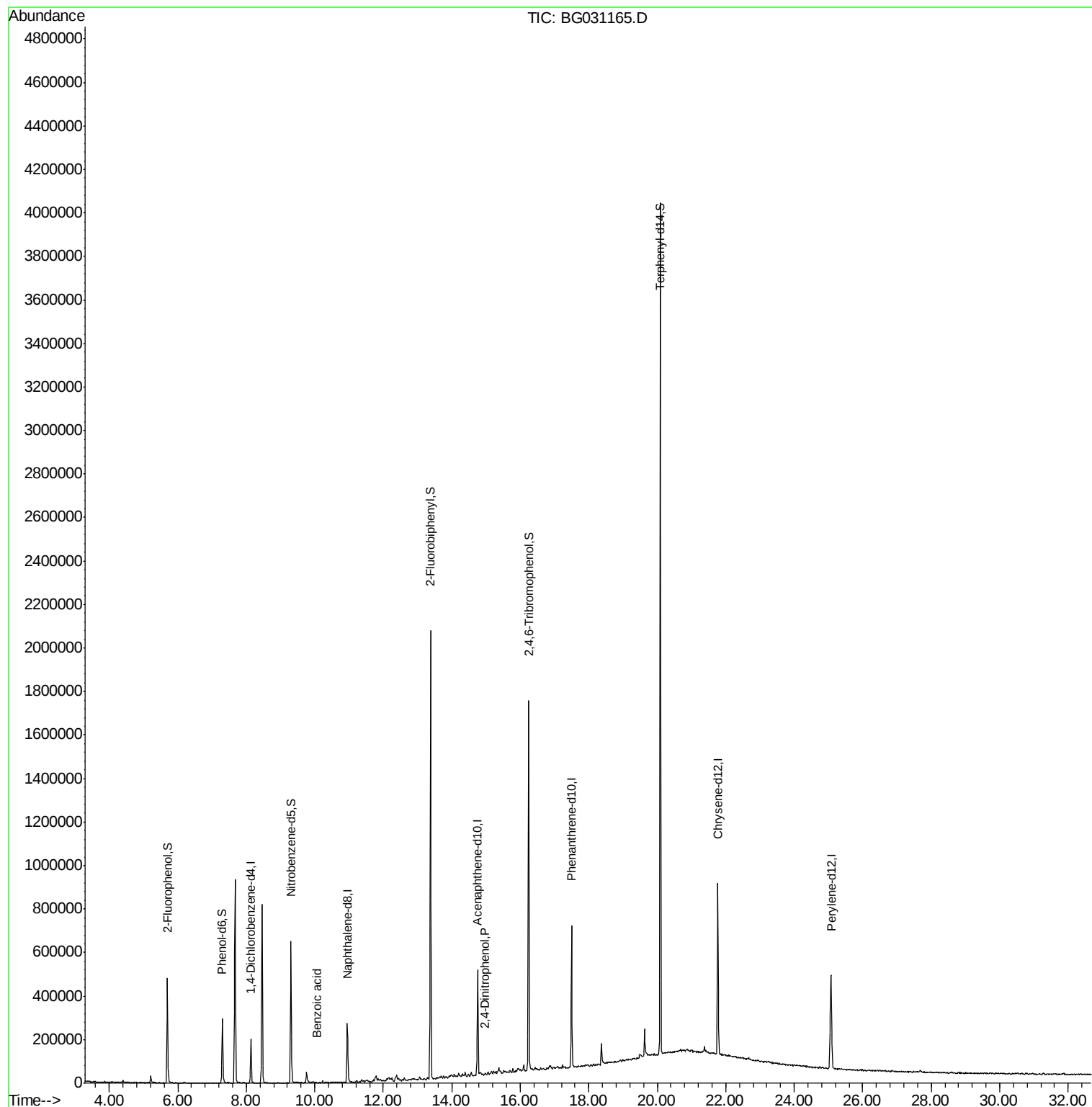
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	61349	20.00	ng	-0.02
21) Naphthalene-d8	10.95	136	269927	20.00	ng	-0.02
38) Acenaphthene-d10	14.76	164	174146	20.00	ng	-0.02
63) Phenanthrene-d10	17.50	188	427310	20.00	ng	-0.02
75) Chrysene-d12	21.77	240	499791	20.00	ng	-0.02
86) Perylene-d12	25.07	264	491052	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	248444	69.44	ng	-0.01
7) Phenol-d6	7.30	99	200345	41.57	ng	0.00
23) Nitrobenzene-d5	9.30	82	427545	93.86	ng	-0.02
41) 2,4,6-Tribromophenol	16.24	330	338267	120.08	ng	-0.01
44) 2-Fluorobiphenyl	13.38	172	1156646	95.44	ng	-0.02
78) Terphenyl-d14	20.09	244	1983328	87.62	ng	0.00
Target Compounds						
32) Benzoic acid	10.07	122	54	5.677	ng	# 1
53) 2,4-Dinitrophenol	14.97	184	58	5.897	ng	# 73

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

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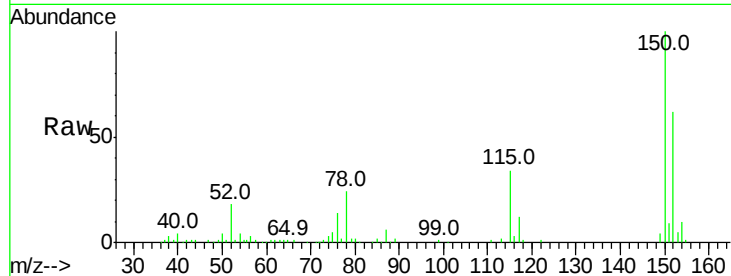


#1

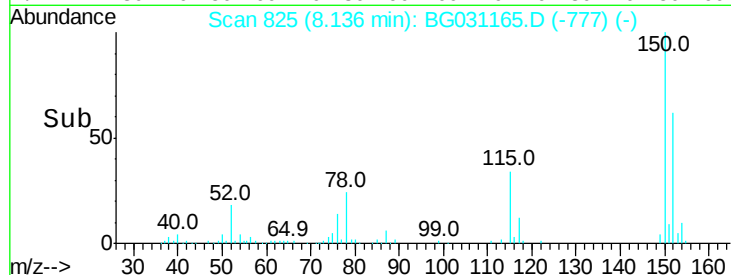
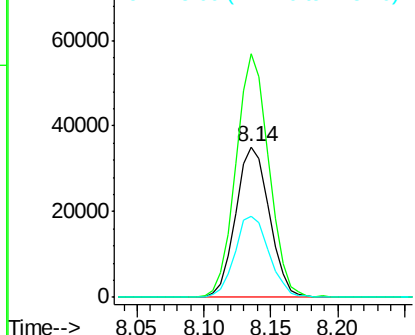
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.14 min Scan# 825
Delta R.T. -0.02 min
Lab File: BG031165.D
Acq: 21 Nov 2017 22:58

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 61349
Ion Ratio Lower Upper
152 100
150 161.5 126.6 189.8
115 54.2 53.0 79.4



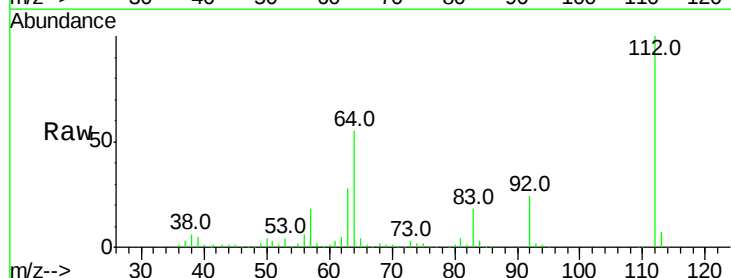
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



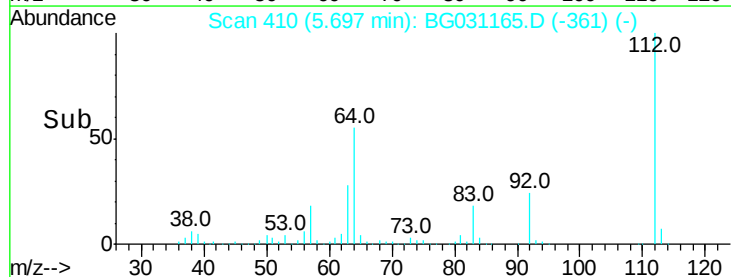
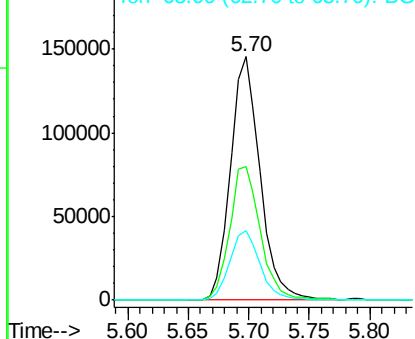
#5

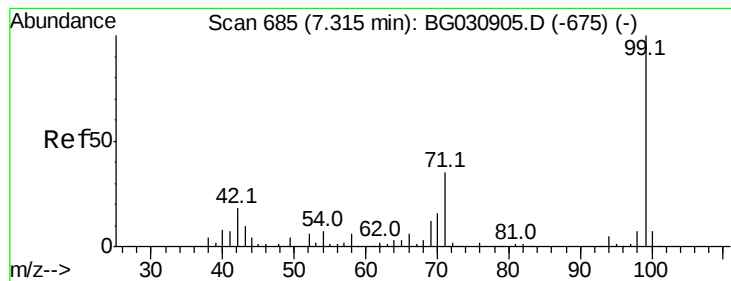
2-Fluorophenol
Concen: 69.442 ng
RT: 5.70 min Scan# 410
Delta R.T. -0.01 min
Lab File: BG031165.D
Acq: 21 Nov 2017 22:58

Tgt Ion:112 Resp: 248444
Ion Ratio Lower Upper
112 100
64 55.0 56.3 84.5#
63 28.4 30.1 45.1#



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 41.566 ng

RT: 7.30 min Scan# 683

Delta R.T. -0.01 min

Lab File: BG031165.D

Acq: 21 Nov 2017 22:58

Instrument :

BNA_G

ClientSampleId :

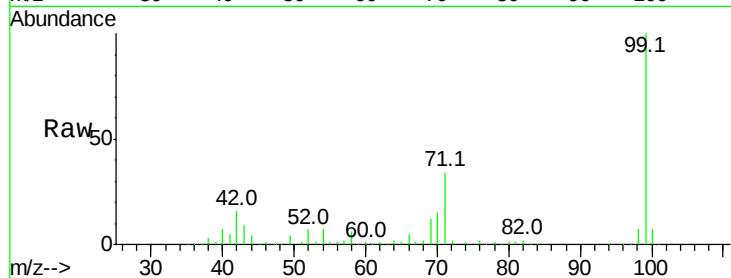
Tot Ion: 99 Resp: 200345

Ion Ratio Lower Upper

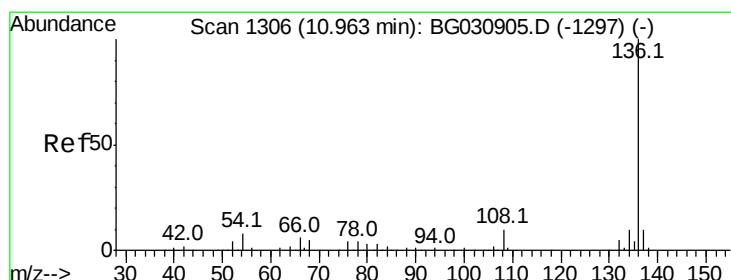
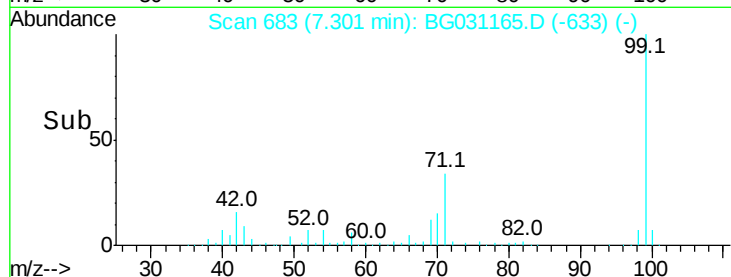
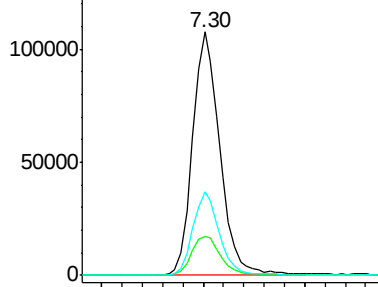
99 100

42 15.9 14.1 21.1

71 34.1 26.1 39.1



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.95 min Scan# 1304

Delta R.T. -0.02 min

Lab File: BG031165.D

Acq: 21 Nov 2017 22:58

Tgt Ion: 136 Resp: 269927

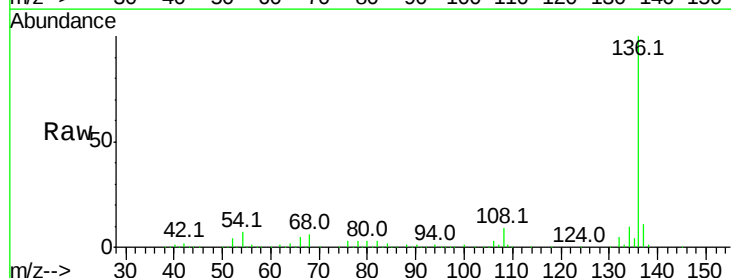
Ion Ratio Lower Upper

136 100

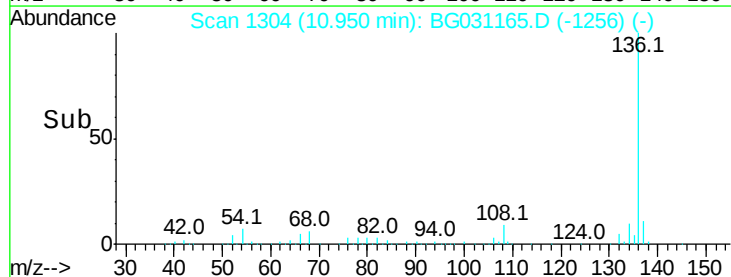
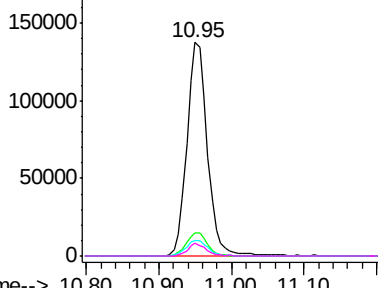
137 10.7 9.2 13.8

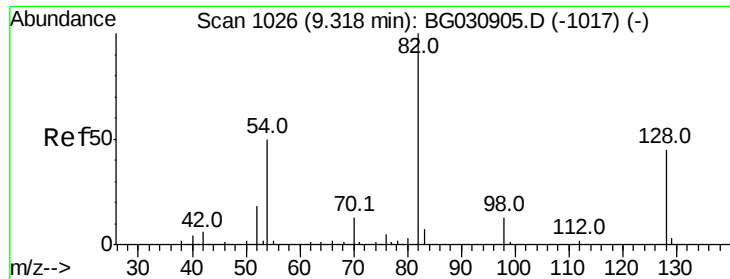
54 7.4 10.3 15.5#

68 6.1 4.5 6.7



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

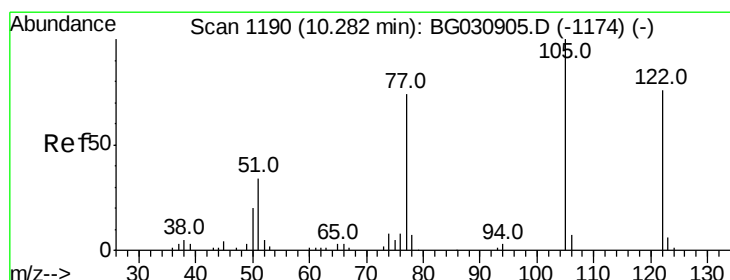
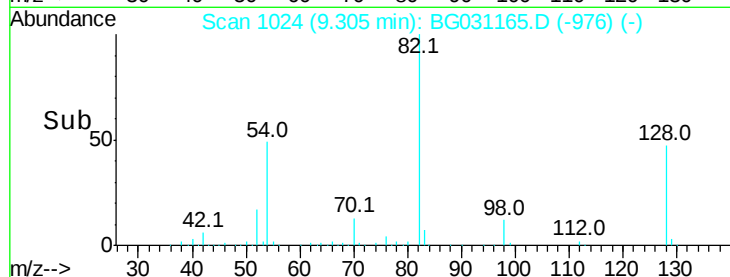
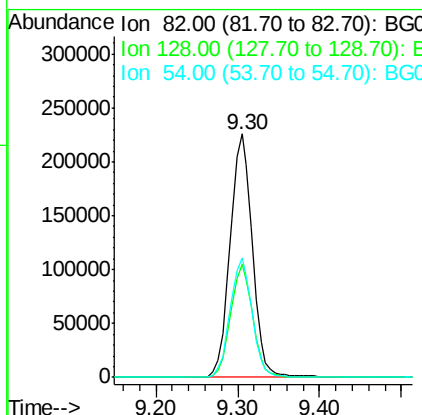
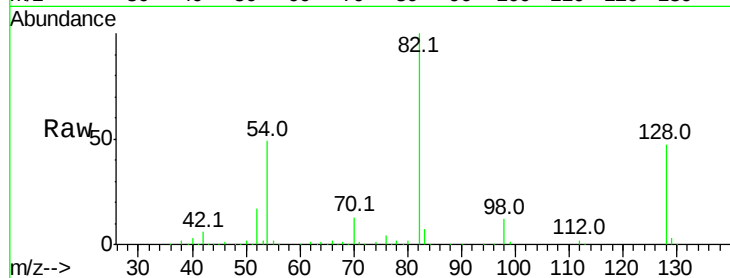




#23
 Nitrobenzene-d5
 Concen: 93.858 ng
 RT: 9.30 min Scan# 1024
 Delta R.T. -0.02 min
 Lab File: BG031165.D
 Acq: 21 Nov 2017 22:58

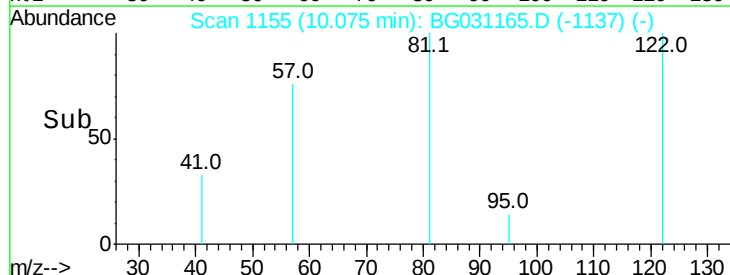
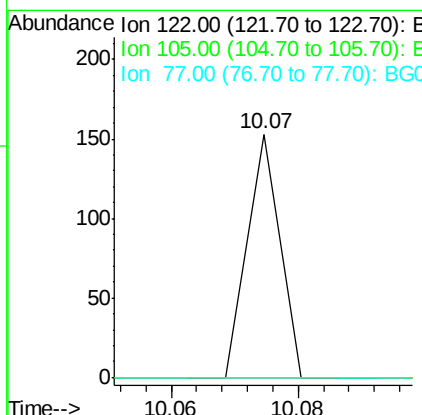
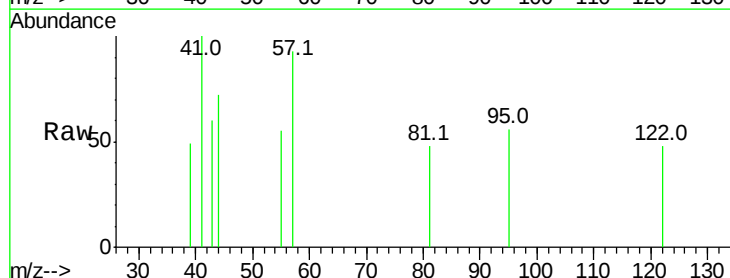
Instrument :
 BNA_G
 ClientSampleId :

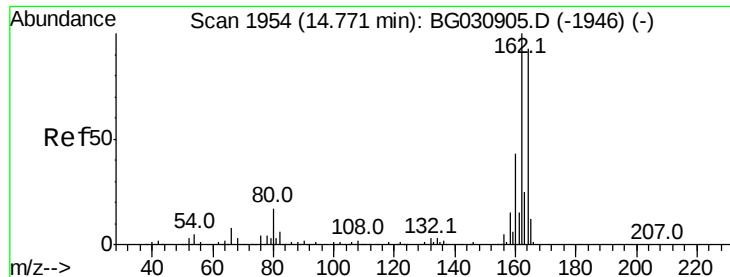
Tot Ion	82	Resp	427545
Ion Ratio	100		
Lower	29.7		
Upper	44.5#		
54	49.1	43.1	64.7



#32
 Benzoic acid
 Concen: 5.677 ng
 RT: 10.07 min Scan# 1155
 Delta R.T. -0.19 min
 Lab File: BG031165.D
 Acq: 21 Nov 2017 22:58

Tgt Ion	122	Resp	54
Ion Ratio <td>100</td> <td></td> <td></td>	100		
Lower <td>123.5</td> <td></td> <td></td>	123.5		
Upper <td>163.5#</td> <td></td> <td></td>	163.5#		
105	0.0	85.7	125.7#
77	0.0		





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.76 min Scan# 1952

Delta R.T. -0.02 min

Lab File: BG031165.D

Acq: 21 Nov 2017 22:58

Instrument :

BNA_G

ClientSampleId :

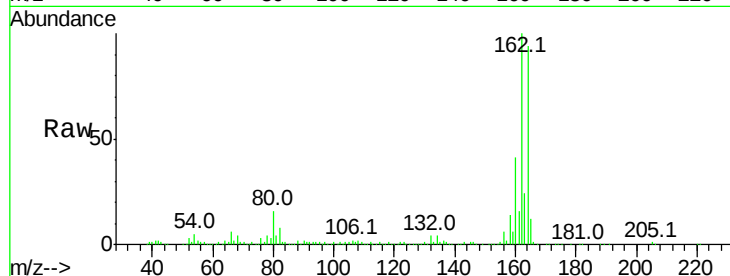
Tot Ion:164 Resp: 174146

Ion	Ratio	Lower	Upper
164	100		
162	105.9	78.8	118.2
160	43.6	35.4	53.0

164 100

162 105.9 78.8 118.2

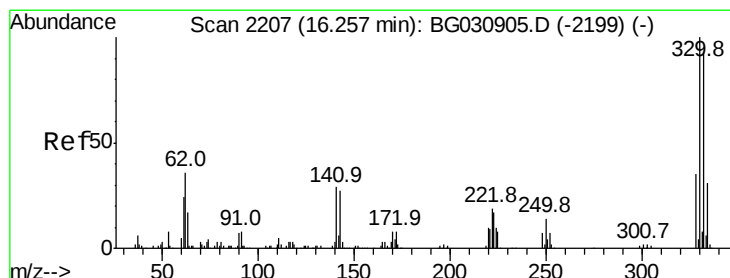
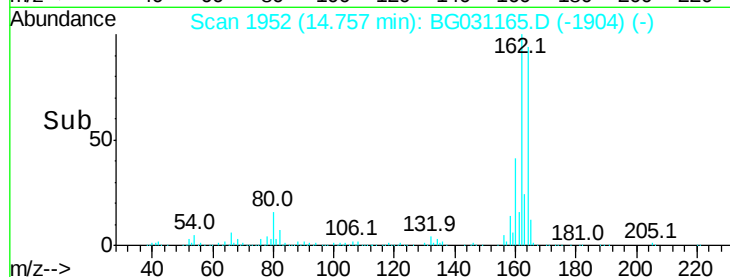
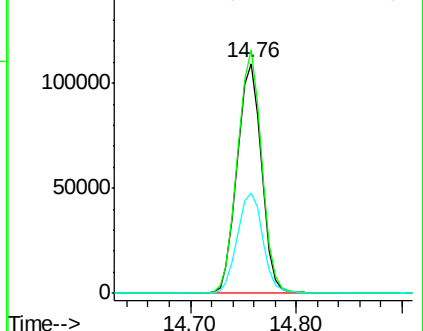
160 43.6 35.4 53.0



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: 120.076 ng

RT: 16.24 min Scan# 2205

Delta R.T. -0.01 min

Lab File: BG031165.D

Acq: 21 Nov 2017 22:58

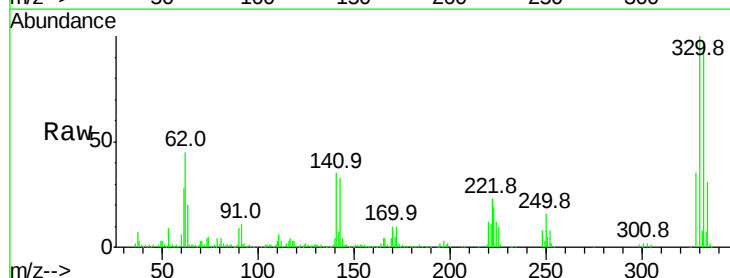
Tgt Ion:330 Resp: 338267

Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.0	115.6
141	34.9	25.2	37.8

330 100

332 95.7 77.0 115.6

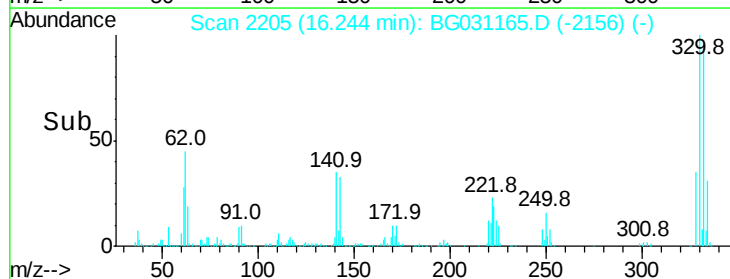
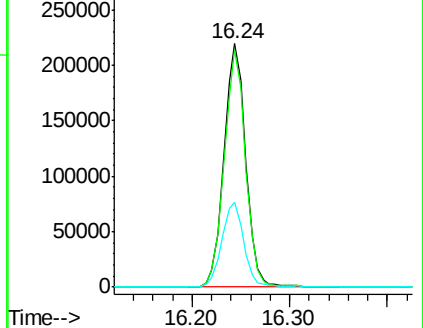
141 34.9 25.2 37.8

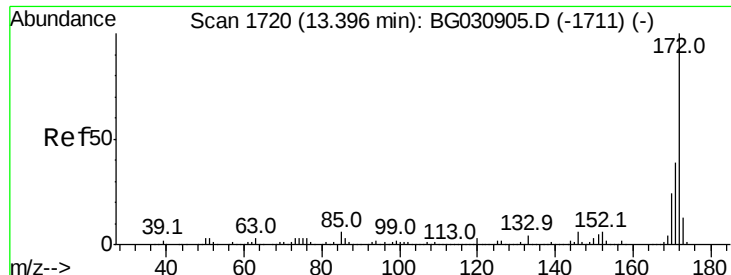


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

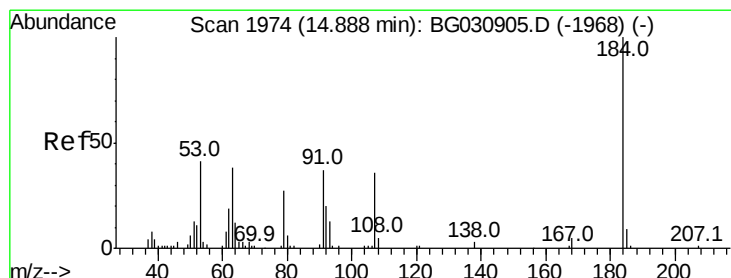
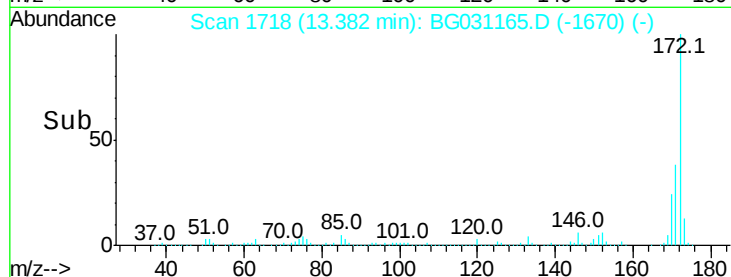
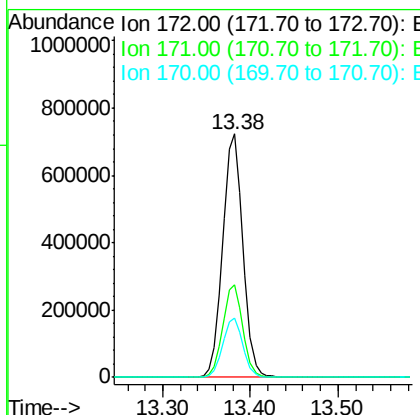
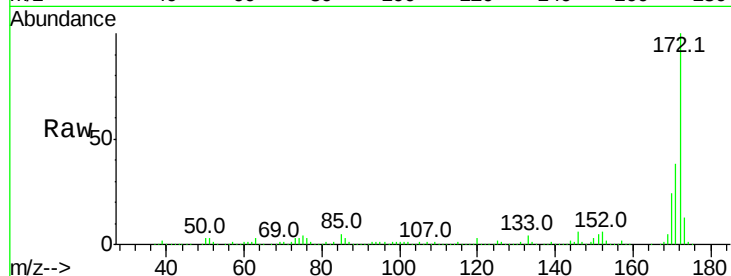




#44
2-Fluorobiphenyl
Concen: 95.436 ng
RT: 13.38 min Scan# 1718
Delta R.T. -0.02 min
Lab File: BG031165.D
Acq: 21 Nov 2017 22:58

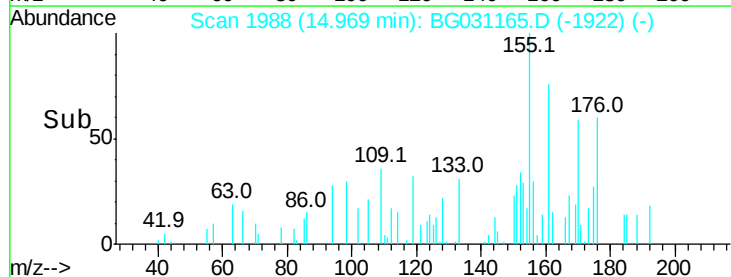
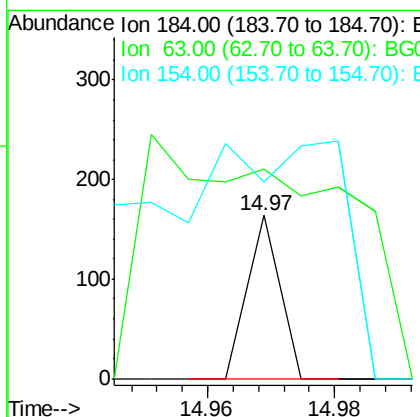
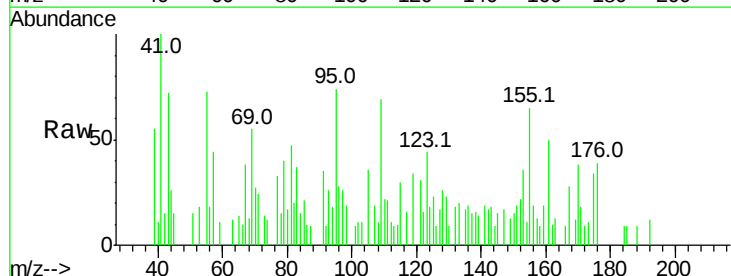
Instrument :
BNA_G
ClientSampled :

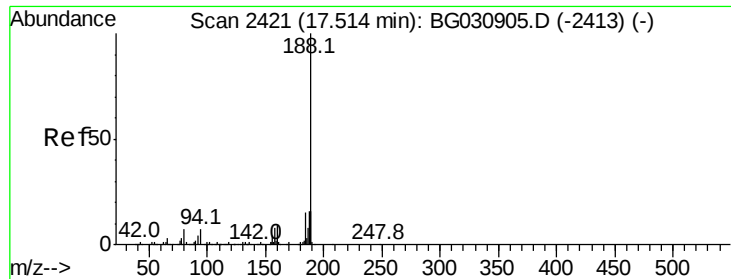
Tot Ion:172 Resp: 1156646
Ion Ratio Lower Upper
172 100
171 38.1 30.0 45.0
170 24.2 19.5 29.3



#53
2,4-Dinitrophenol
Concen: 5.897 ng
RT: 14.97 min Scan# 1988
Delta R.T. 0.09 min
Lab File: BG031165.D
Acq: 21 Nov 2017 22:58

Tgt Ion:184 Resp: 58
Ion Ratio Lower Upper
184 100
63 128.7 59.8 89.8#
154 120.7 101.8 152.8





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.50 min Scan# 2418

Delta R.T. -0.02 min

Lab File: BG031165.D

Acq: 21 Nov 2017 22:58

Instrument :

BNA_G

ClientSampleId :

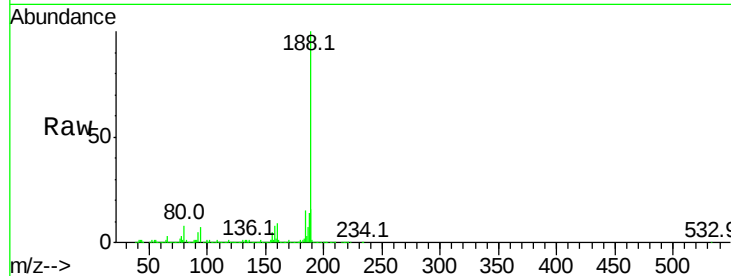
Tot Ion:188 Resp: 427310

Ion Ratio Lower Upper

188 100

94 7.3 6.9 10.3

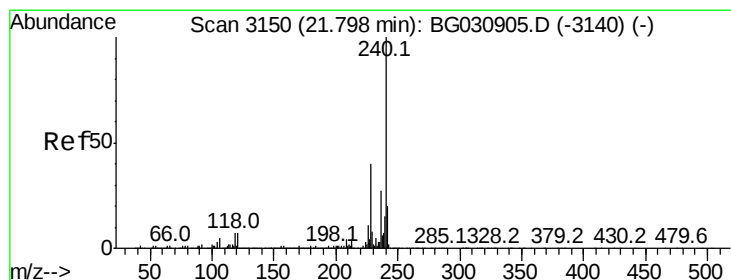
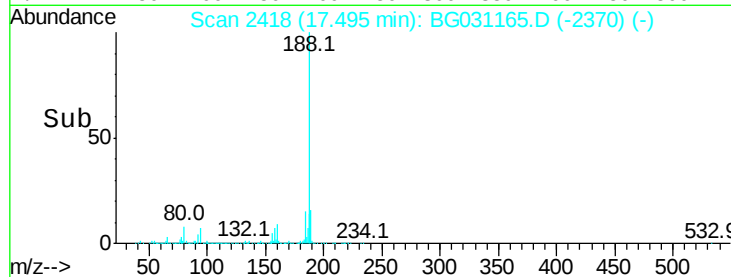
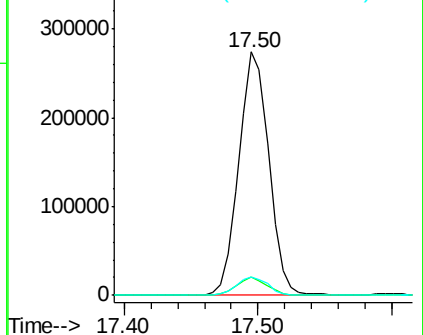
80 7.7 7.7 11.5#



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



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.77 min Scan# 3145

Delta R.T. -0.02 min

Lab File: BG031165.D

Acq: 21 Nov 2017 22:58

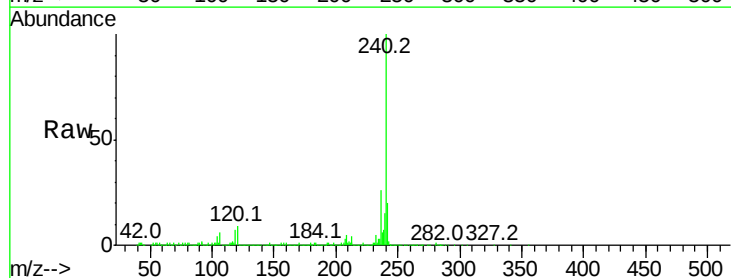
Tgt Ion:240 Resp: 499791

Ion Ratio Lower Upper

240 100

120 8.5 6.8 10.2

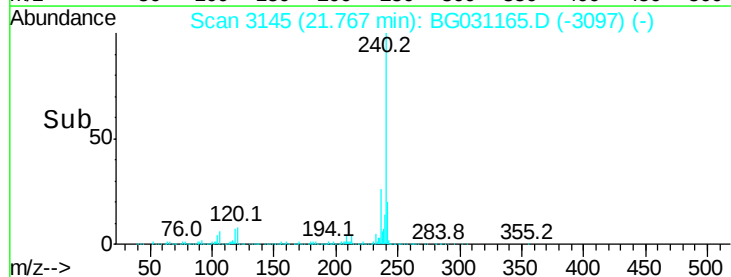
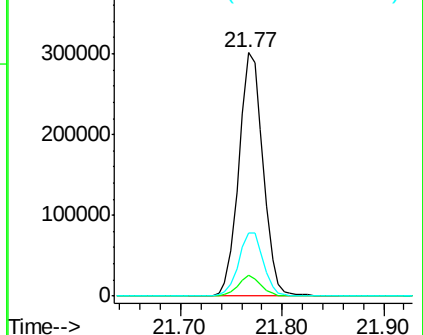
236 25.9 20.9 31.3

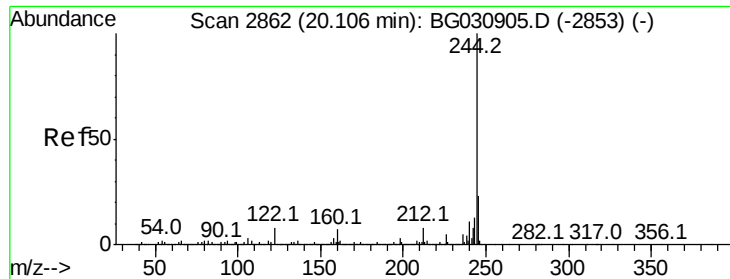


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 87.624 ng

RT: 20.09 min Scan# 2860

Delta R.T. -0.01 min

Lab File: BG031165.D

Acq: 21 Nov 2017 22:58

Instrument :

BNA_G

ClientSampleId :

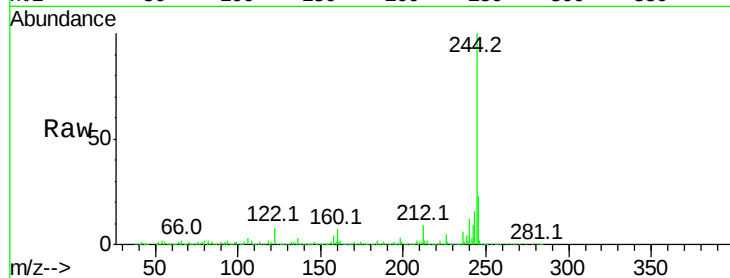
Tot Ion:244 Resp: 1983328

Ion Ratio Lower Upper

244 100

212 8.5 5.8 8.8

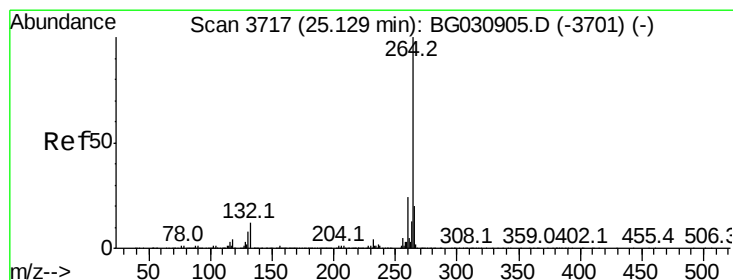
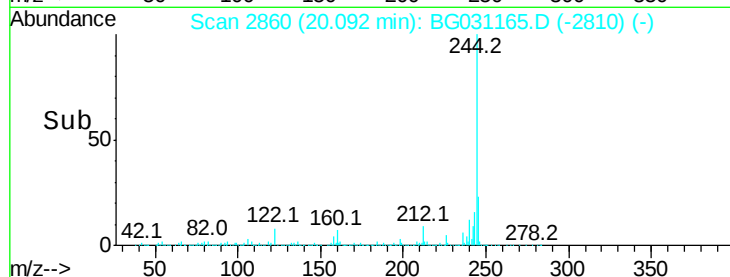
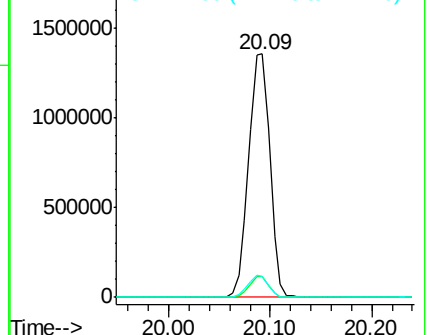
122 8.3 7.0 10.4



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: 25.07 min Scan# 3708

Delta R.T. -0.02 min

Lab File: BG031165.D

Acq: 21 Nov 2017 22:58

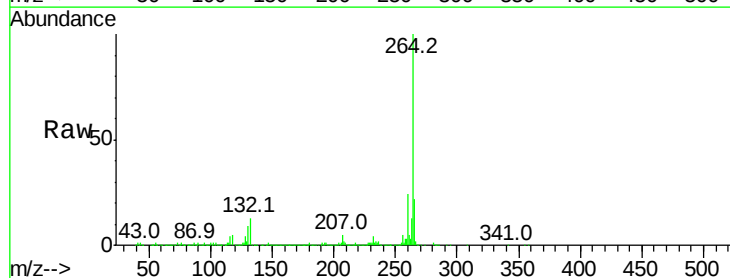
Tgt Ion:264 Resp: 491052

Ion Ratio Lower Upper

264 100

260 24.4 17.4 26.0

265 22.3 17.7 26.5



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

