

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030217\
 Data File : BG026048.D
 Acq On : 3 Mar 2017 3:11
 Operator : SJ/MA
 Sample : I2057-03
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 22B-15

Quant Time: Mar 03 04:29:57 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 28 15:36:56 2017
 Response via : Initial Calibration

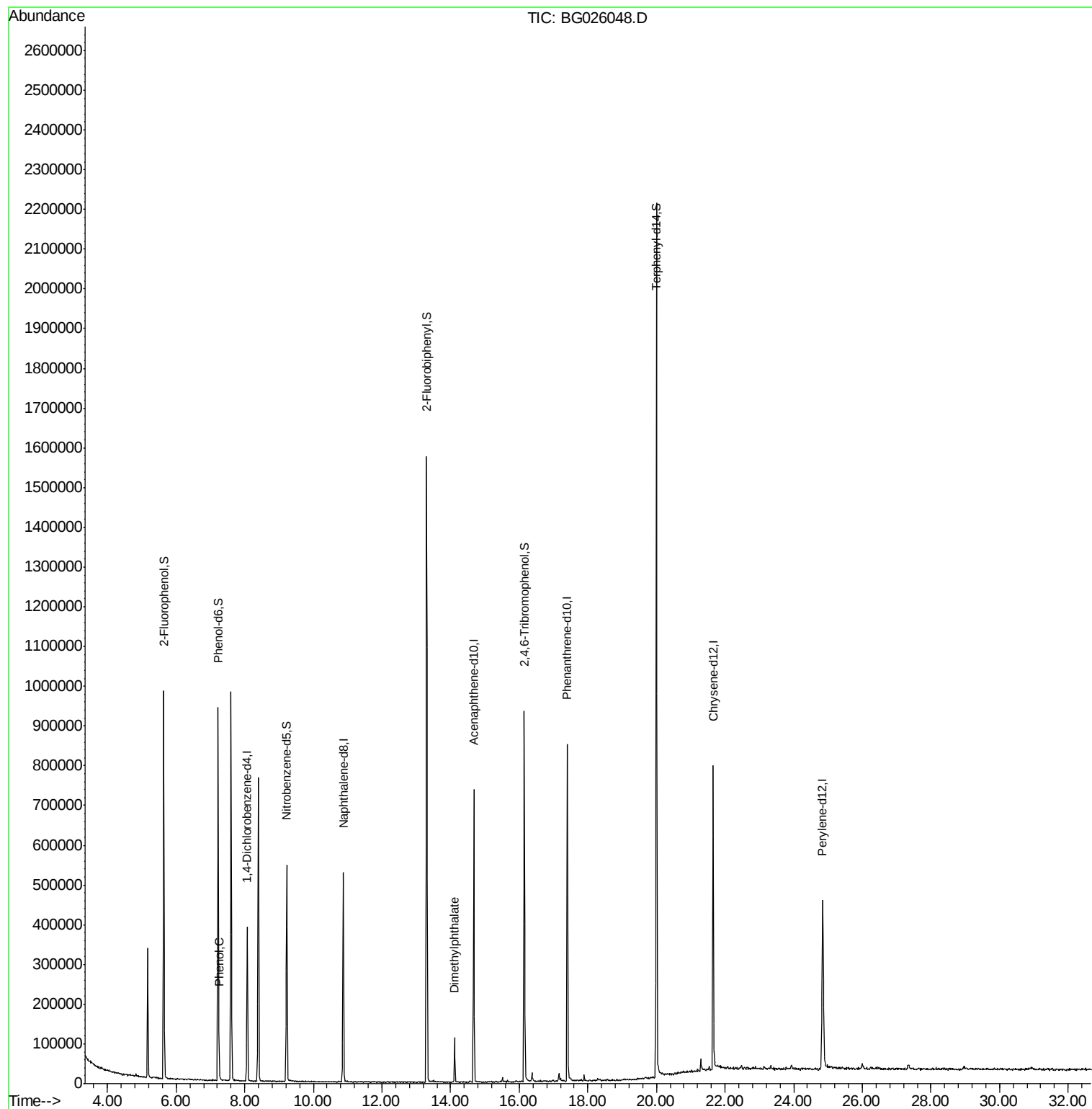
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	114319	20.00	ng	-0.02
21) Naphthalene-d8	10.87	136	481558	20.00	ng	-0.02
38) Acenaphthene-d10	14.67	164	259460	20.00	ng	-0.02
63) Phenanthrene-d10	17.40	188	550936	20.00	ng	-0.02
75) Chrysene-d12	21.65	240	490666	20.00	ng	-0.03
86) Perylene-d12	24.85	264	465911	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	472905	72.02	ng	-0.02
7) Phenol-d6	7.22	99	621614	63.97	ng	-0.01
23) Nitrobenzene-d5	9.22	82	351887	46.11	ng	-0.02
41) 2,4,6-Tribromophenol	16.15	330	174629	72.85	ng	-0.02
44) 2-Fluorobiphenyl	13.30	172	876519	59.03	ng	-0.02
78) Terphenyl-d14	20.00	244	984604	48.80	ng	-0.02
Target Compounds						
10) Phenol	7.25	94	23801	2.25	ng	# 77
49) Dimethylphthalate	14.12	163	79667	4.48	ng	# 95

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.07 min Scan# 805

Delta R.T. -0.02 min

Lab File: BG026048.D

Acq: 3 Mar 2017 3:11

Instrument :

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ClientSampleId :

22B-15

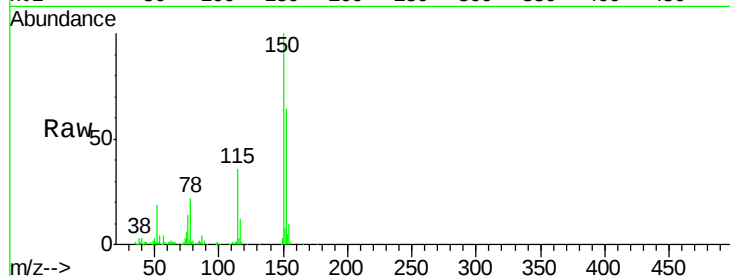
Tgt Ion:152 Resp: 114319

Ion Ratio Lower Upper

152 100

150 156.0 114.0 171.0

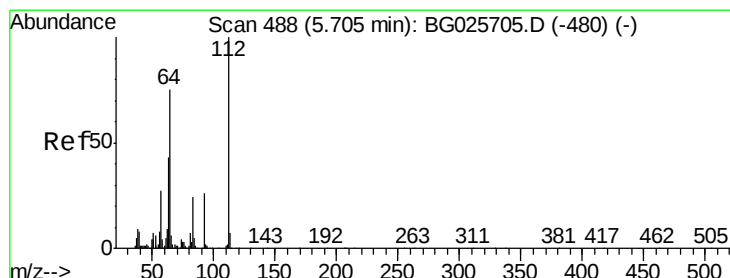
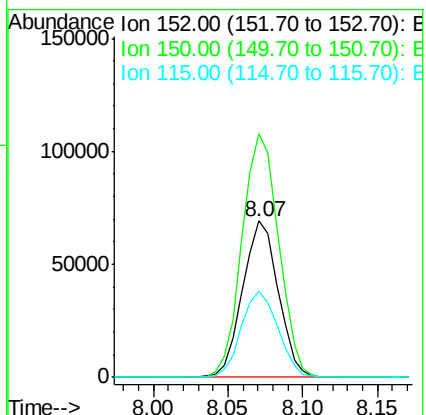
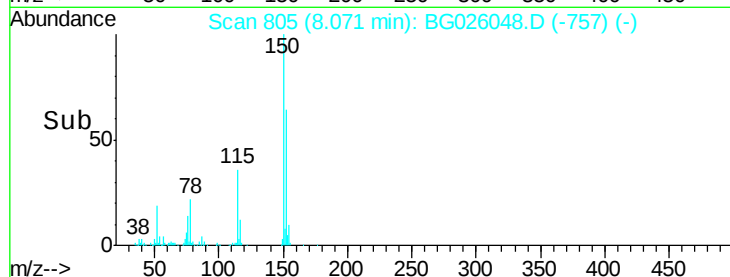
115 55.5 48.1 72.1



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: 72.02 ng

RT: 5.64 min Scan# 391

Delta R.T. -0.02 min

Lab File: BG026048.D

Acq: 3 Mar 2017 3:11

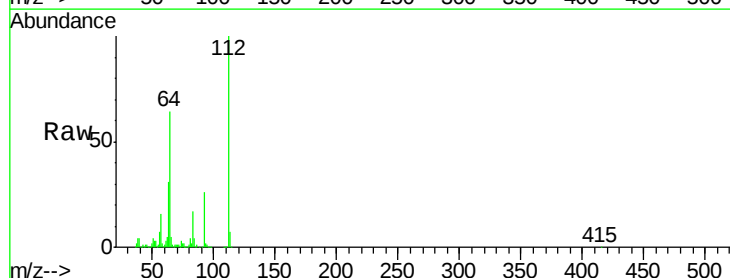
Tgt Ion:112 Resp: 472905

Ion Ratio Lower Upper

112 100

64 63.8 61.8 92.6

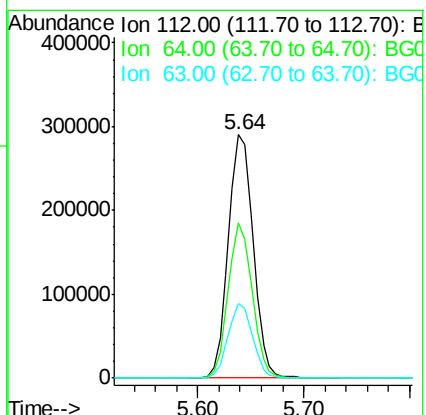
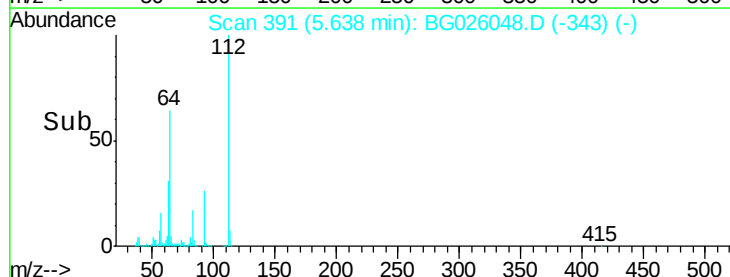
63 30.7 37.2 55.8#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 63.97 ng

RT: 7.22 min Scan# 661

Delta R.T. -0.01 min

Lab File: BG026048.D

Acq: 3 Mar 2017 3:11

Instrument :

BNA_G

ClientSampleId :

22B-15

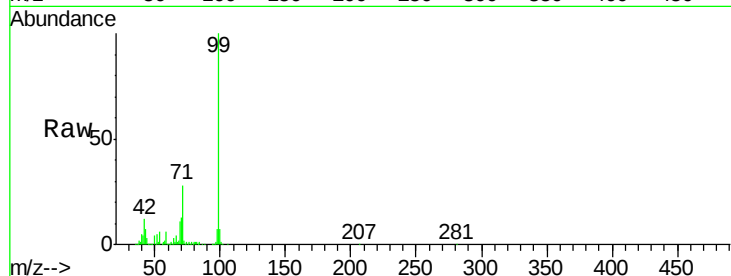
Tgt Ion: 99 Resp: 621614

Ion Ratio Lower Upper

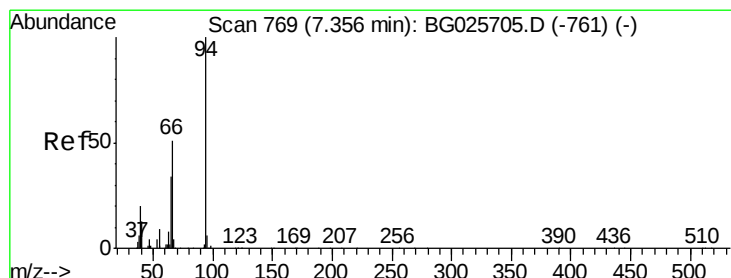
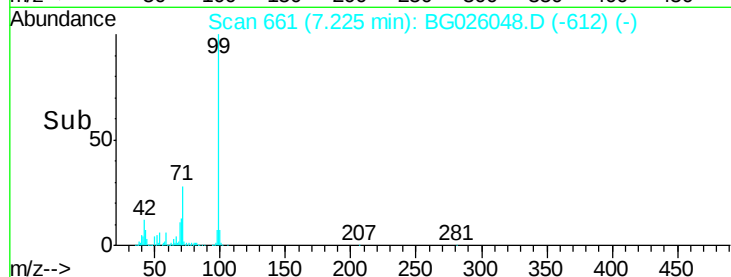
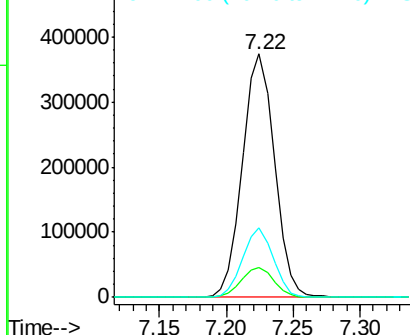
99 100

42 12.1 20.5 30.7#

71 28.3 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



#10

Phenol

Concen: 2.25 ng

RT: 7.25 min Scan# 666

Delta R.T. -0.01 min

Lab File: BG026048.D

Acq: 3 Mar 2017 3:11

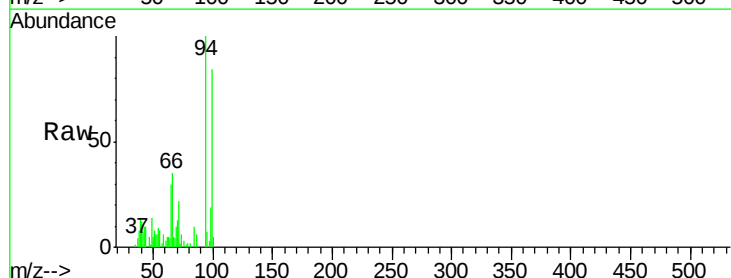
Tgt Ion: 94 Resp: 23801

Ion Ratio Lower Upper

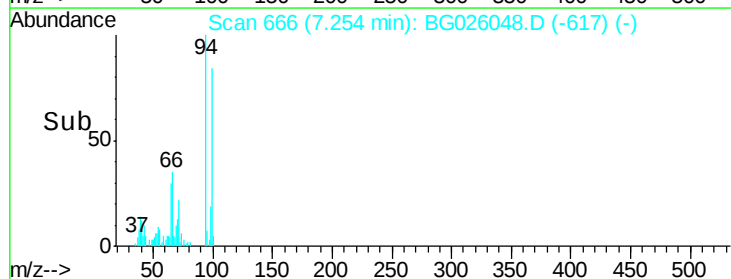
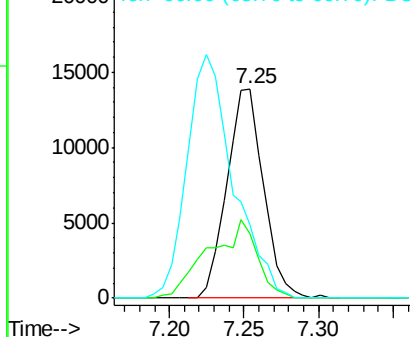
94 100

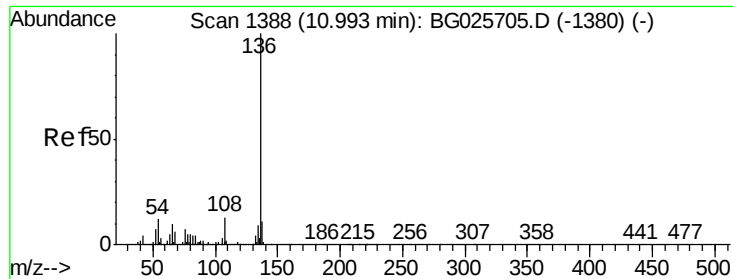
65 30.5 20.6 60.6

66 35.2 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

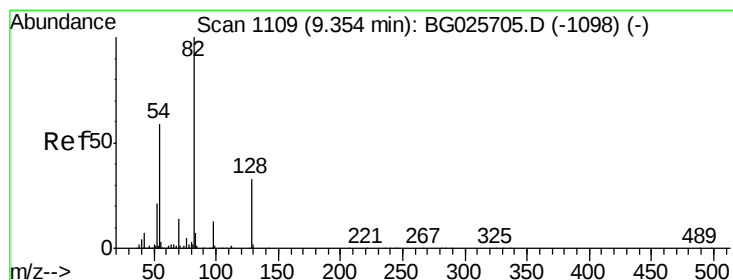
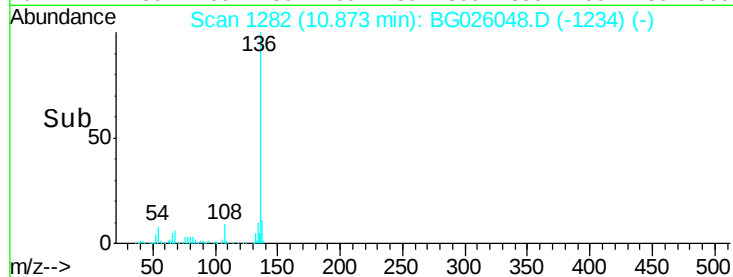
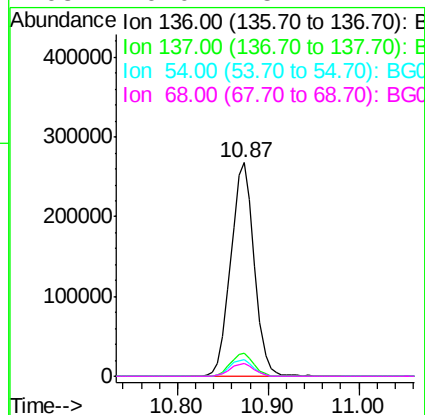
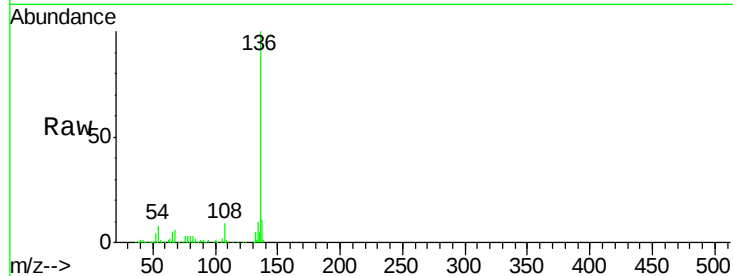




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.87 min Scan# 1282
Delta R.T. -0.02 min
Lab File: BG026048.D
Acq: 3 Mar 2017 3:11

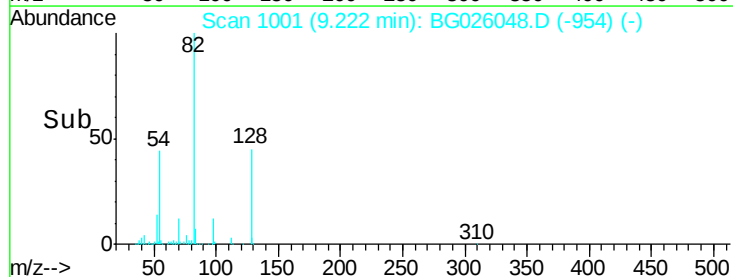
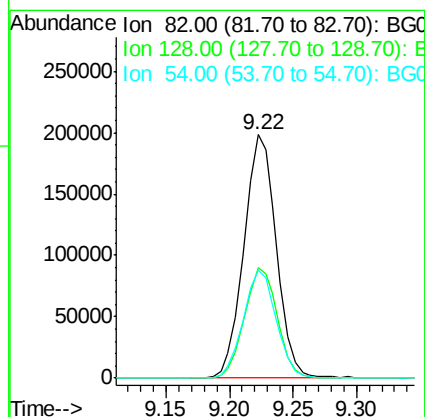
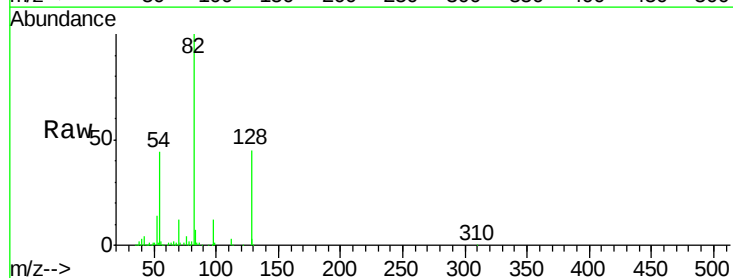
Instrument :
BNA_G
ClientSampleId :
22B-15

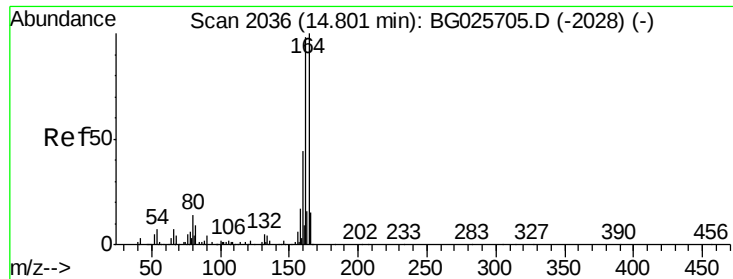
Tgt Ion:	136	Resp:	481558
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	7.6	9.3	13.9#
68	6.0	5.1	7.7



#23
Nitrobenzene-d5
Concen: 46.11 ng
RT: 9.22 min Scan# 1001
Delta R.T. -0.02 min
Lab File: BG026048.D
Acq: 3 Mar 2017 3:11

Tgt Ion:	82	Resp:	351887
Ion	Ratio	Lower	Upper
82	100		
128	45.3	26.4	39.6#
54	44.5	49.4	74.2#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.67 min Scan# 1929

Delta R.T. -0.02 min

Lab File: BG026048.D

Acq: 3 Mar 2017 3:11

Instrument :

BNA_G

ClientSampleId :

22B-15

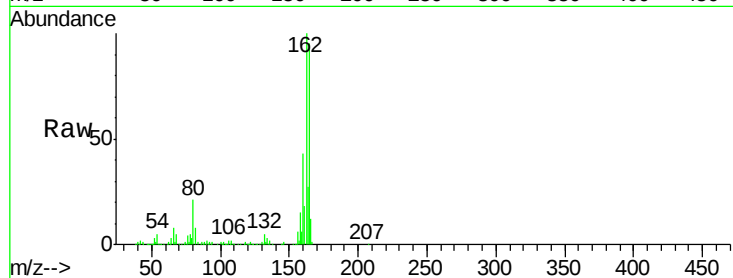
Tgt Ion:164 Resp: 259460

Ion Ratio Lower Upper

164 100

162 104.9 85.1 127.7

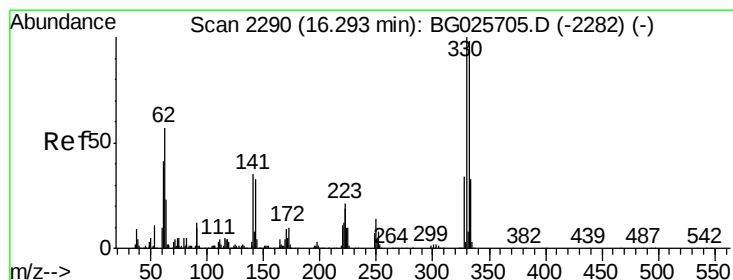
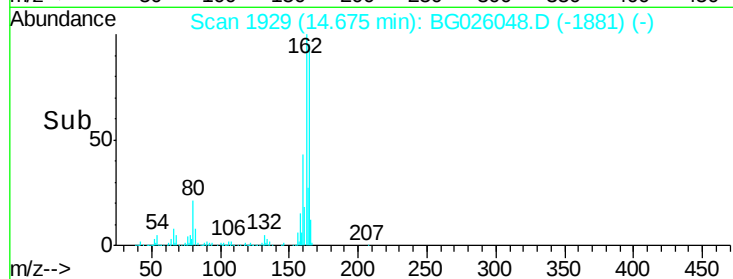
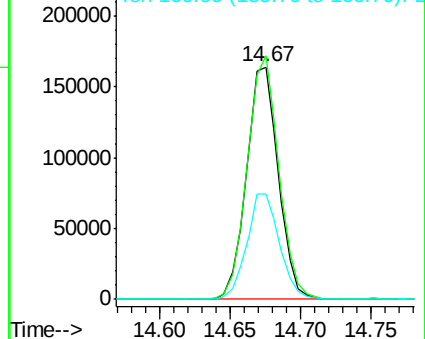
160 45.6 34.7 52.1



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: 72.85 ng

RT: 16.15 min Scan# 2180

Delta R.T. -0.02 min

Lab File: BG026048.D

Acq: 3 Mar 2017 3:11

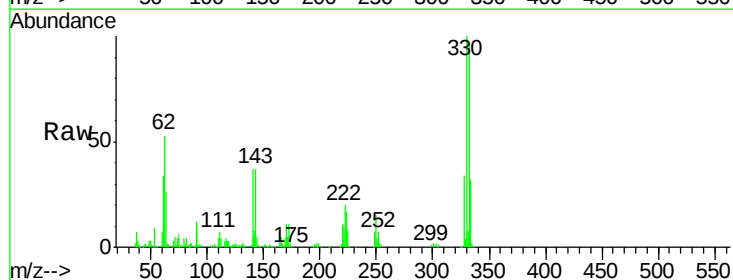
Tgt Ion:330 Resp: 174629

Ion Ratio Lower Upper

330 100

332 95.5 77.3 115.9

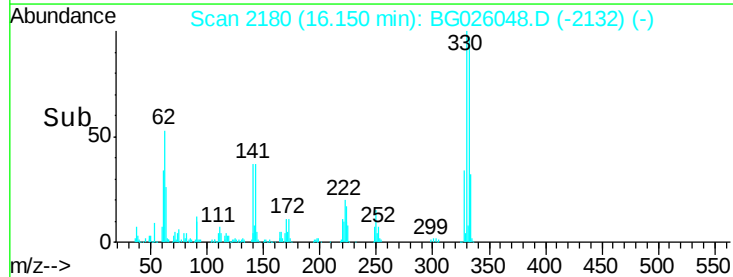
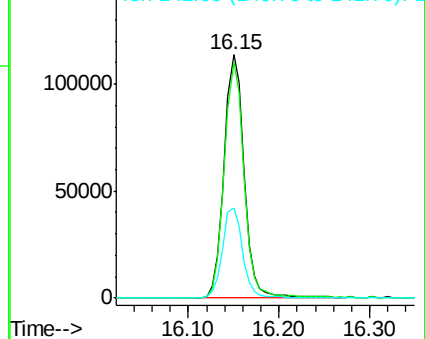
141 37.6 32.1 48.1

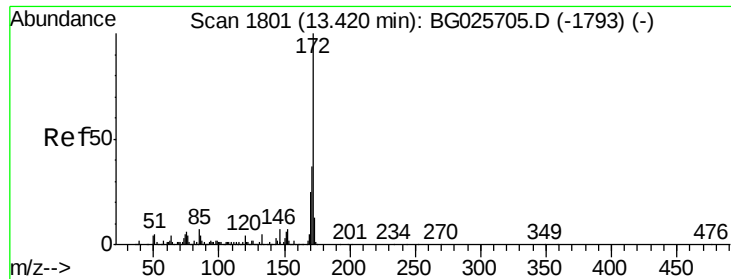


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

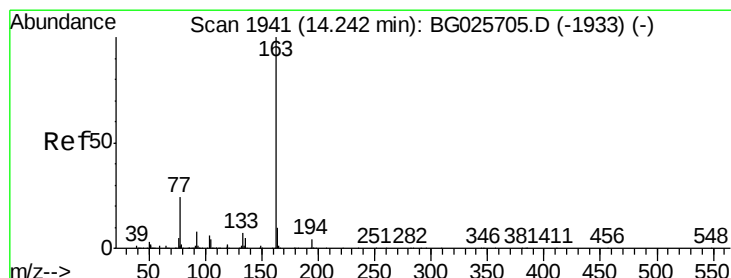
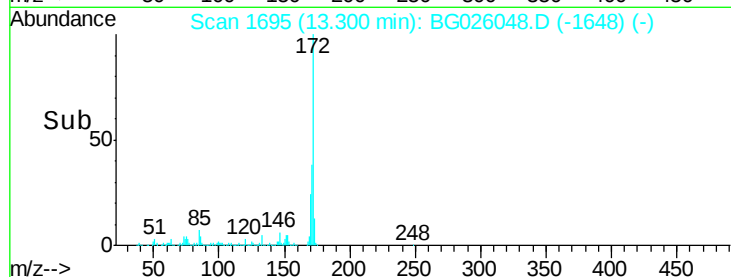
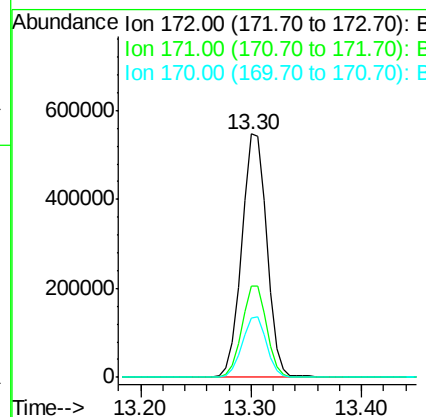
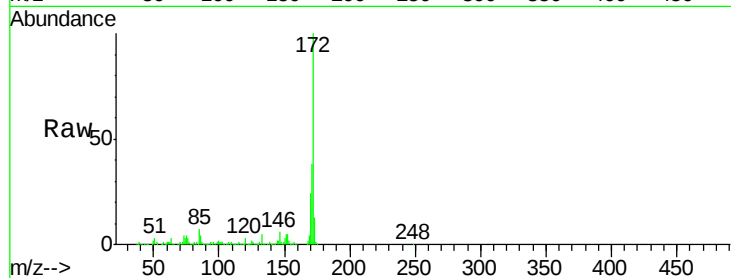




#44
2-Fluorobiphenyl
Concen: 59.03 ng
RT: 13.30 min Scan# 1695
Delta R.T. -0.02 min
Lab File: BG026048.D
Acq: 3 Mar 2017 3:11

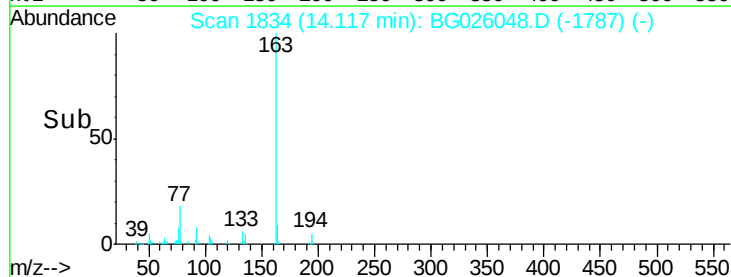
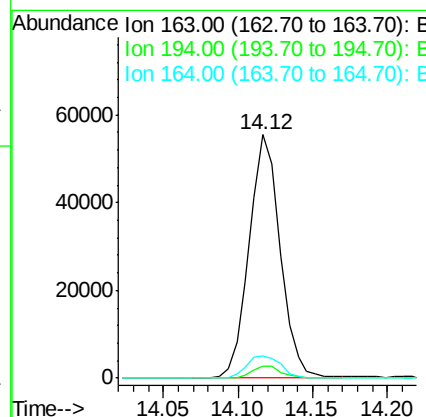
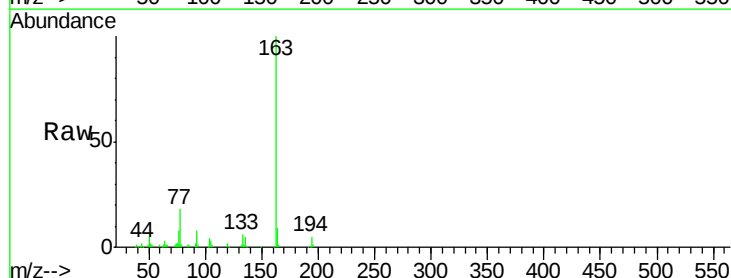
Instrument :
BNA_G
ClientSampleId :
22B-15

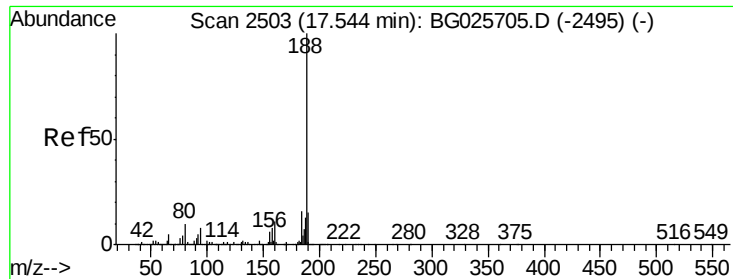
Tgt Ion:172 Resp: 876519
Ion Ratio Lower Upper
172 100
171 37.6 32.2 48.2
170 24.3 21.8 32.6



#49
Dimethylphthalate
Concen: 4.48 ng
RT: 14.12 min Scan# 1834
Delta R.T. -0.02 min
Lab File: BG026048.D
Acq: 3 Mar 2017 3:11

Tgt Ion:163 Resp: 79667
Ion Ratio Lower Upper
163 100
194 4.7 3.8 5.6
164 9.2 9.3 13.9#





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.40 min Scan# 2393

Delta R.T. -0.02 min

Lab File: BG026048.D

Acq: 3 Mar 2017 3:11

Instrument :

BNA_G

ClientSampleId :

22B-15

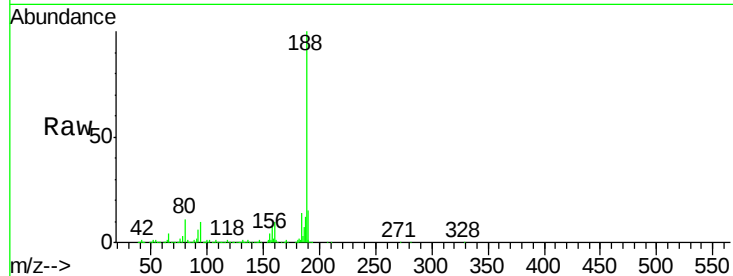
Tgt Ion:188 Resp: 550936

Ion Ratio Lower Upper

188 100

94 9.7 5.8 8.8#

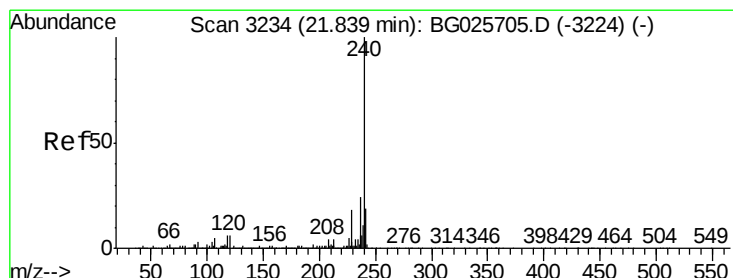
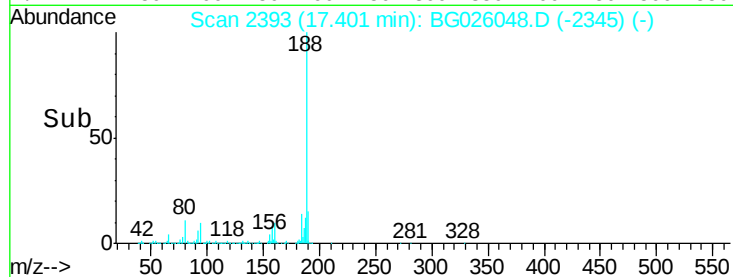
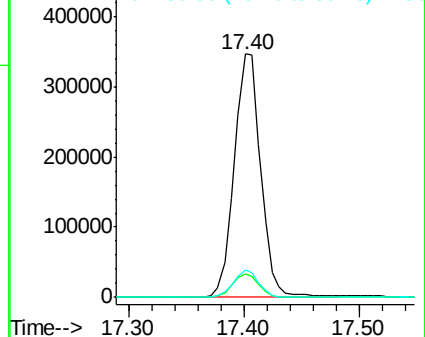
80 11.4 7.5 11.3#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.65 min Scan# 3116

Delta R.T. -0.03 min

Lab File: BG026048.D

Acq: 3 Mar 2017 3:11

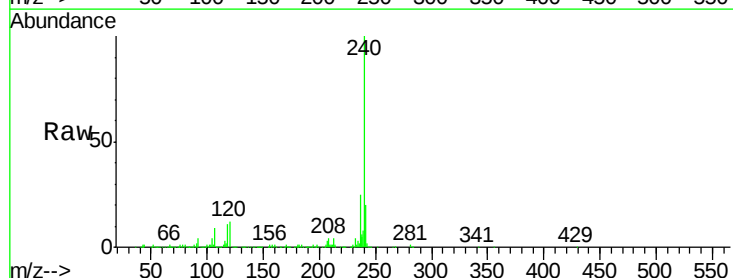
Tgt Ion:240 Resp: 490666

Ion Ratio Lower Upper

240 100

120 12.2 5.7 8.5#

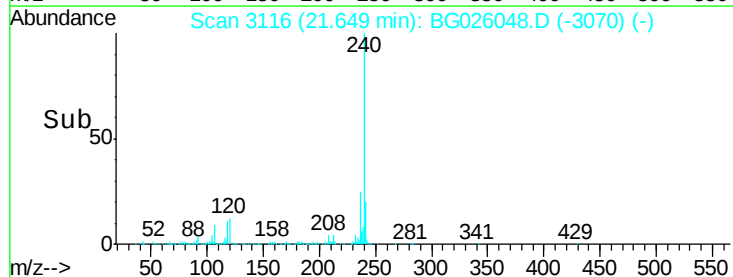
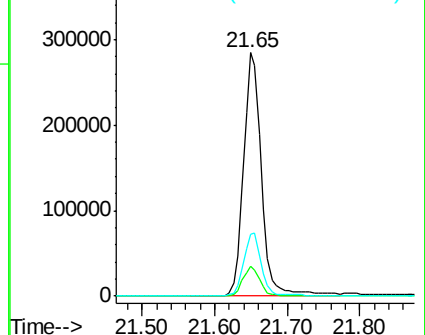
236 25.4 22.2 33.4

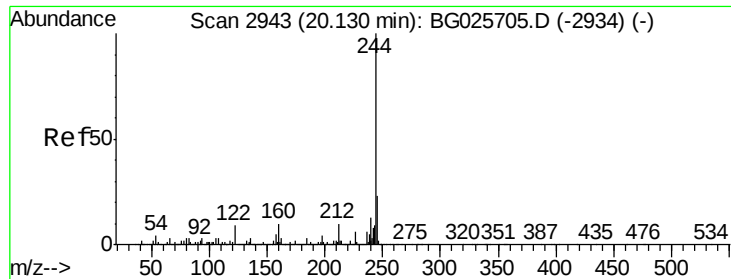


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 48.80 ng

RT: 20.00 min Scan# 2835

Delta R.T. -0.02 min

Lab File: BG026048.D

Acq: 3 Mar 2017 3:11

Instrument :

BNA_G

ClientSampleId :

22B-15

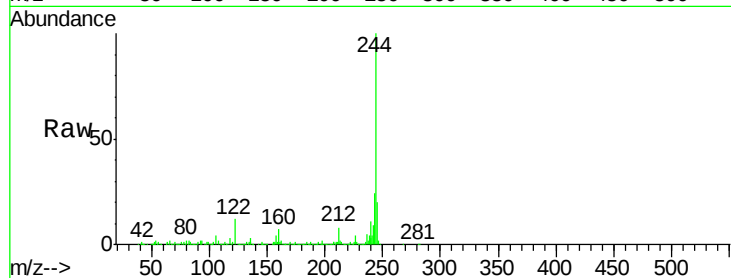
Tgt Ion:244 Resp: 984604

Ion Ratio Lower Upper

244 100

212 7.6 10.0 15.0#

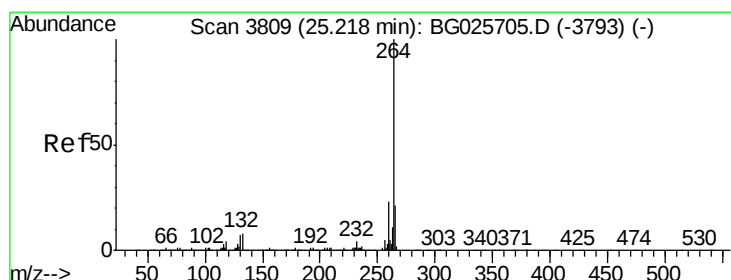
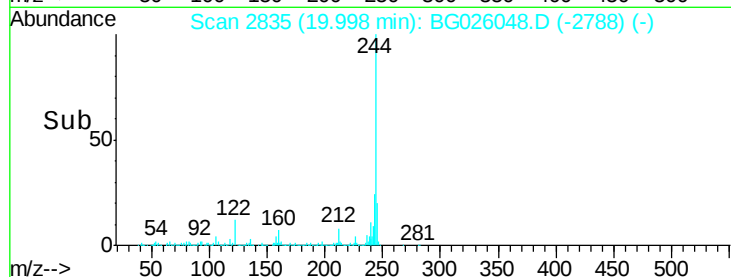
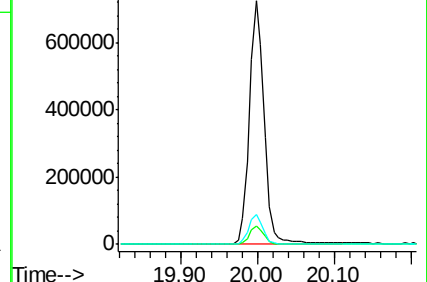
122 12.3 8.6 12.8



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: 20.00 ng

RT: 24.85 min Scan# 3660

Delta R.T. -0.04 min

Lab File: BG026048.D

Acq: 3 Mar 2017 3:11

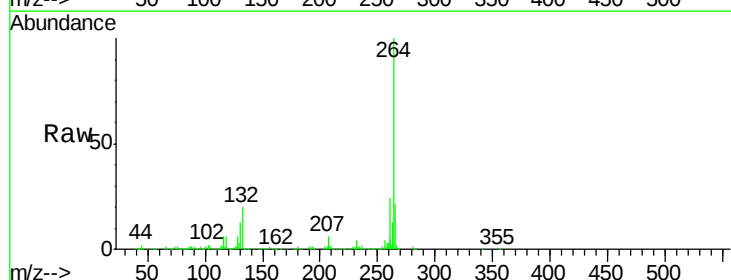
Tgt Ion:264 Resp: 465911

Ion Ratio Lower Upper

264 100

260 24.0 21.8 32.8

265 20.8 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

