

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070816\
 Data File : BG022915.D
 Acq On : 8 Jul 2016 4:03
 Operator : UM/SJ
 Sample : H3841-03
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-3

Quant Time: Jul 08 05:50:04 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 07 16:51:07 2016
 Response via : Initial Calibration

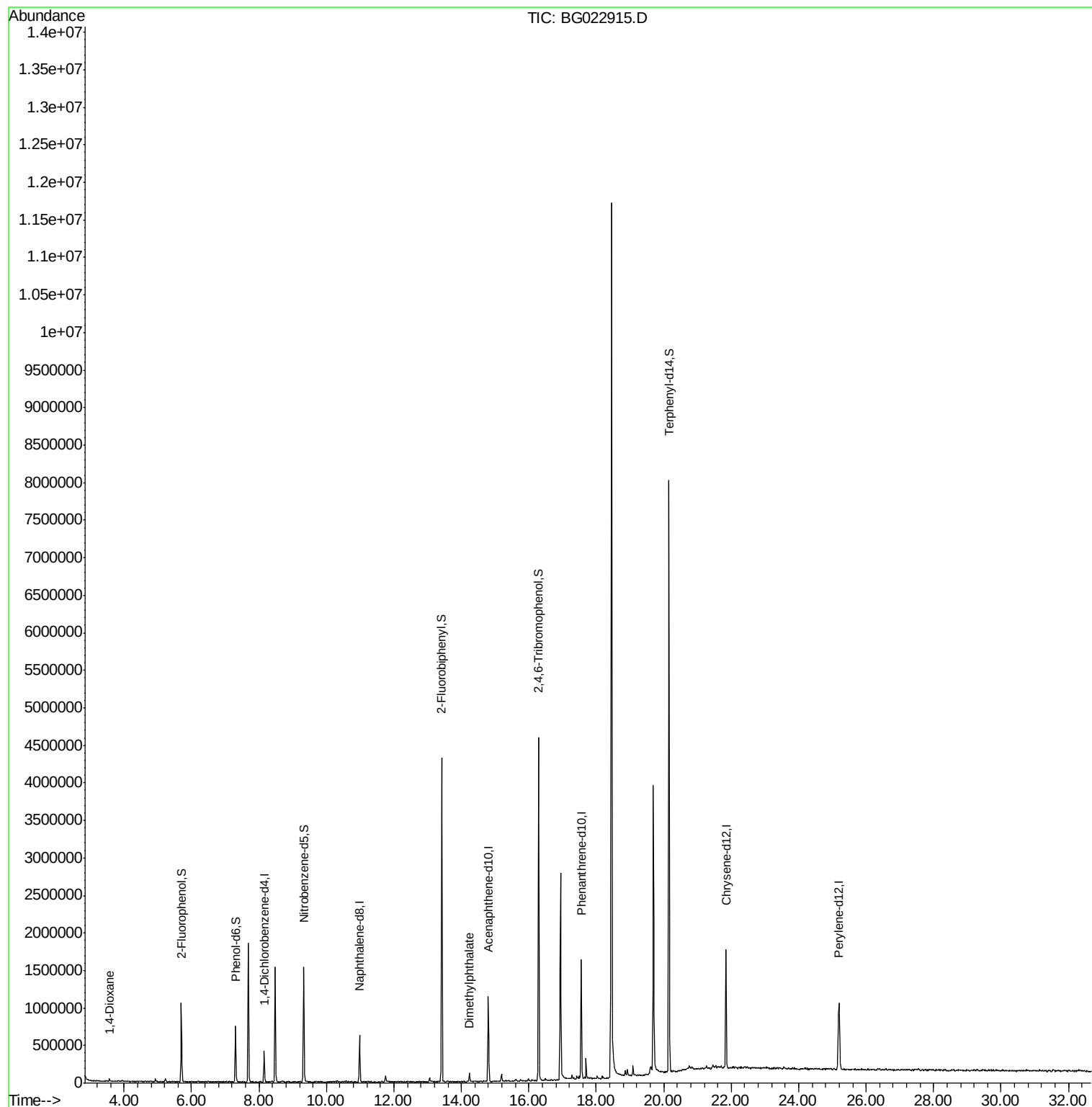
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	101847	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	480057	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	393368	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	951855	20.00	ng	0.00
75) Chrysene-d12	21.84	240	1031717	20.00	ng	0.00
86) Perylene-d12	25.19	264	1063566	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	422714	67.88	ng	0.00
7) Phenol-d6	7.30	99	423894	43.46	ng	0.00
23) Nitrobenzene-d5	9.32	82	996752	88.91	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	879358	124.38	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	2108249	84.42	ng	0.00
78) Terphenyl-d14	20.16	244	2960754	95.31	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.57	88	18420	7.61	ng	93
49) Dimethylphthalate	14.24	163	71384	2.22	ng	96

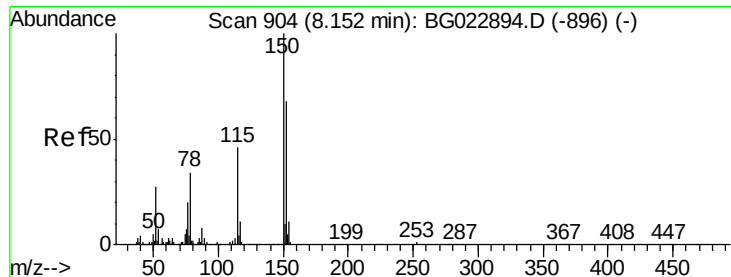
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.15 min Scan# 905

Delta R.T. 0.00 min

Lab File: BG022915.D

Acq: 8 Jul 2016 4:03

Instrument :

BNA_G

ClientSampleId :

MW-3

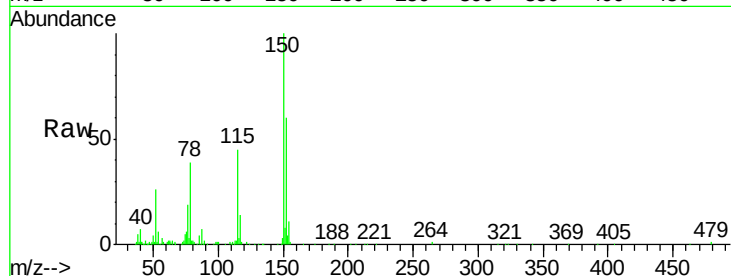
Tgt Ion:152 Resp: 101847

Ion Ratio Lower Upper

152 100

150 166.1 144.7 217.1

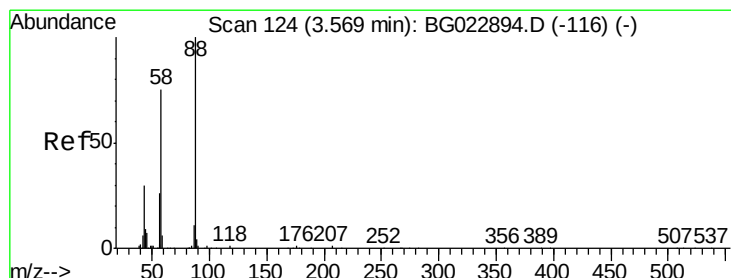
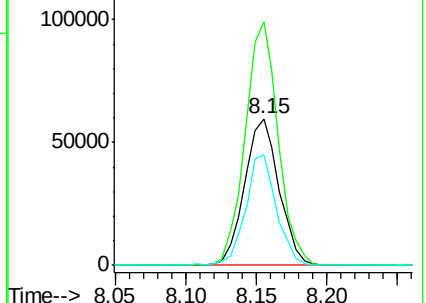
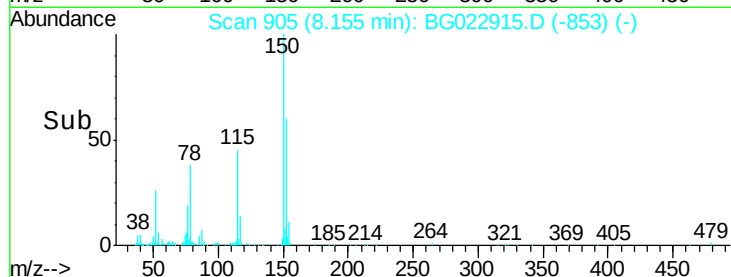
115 75.4 64.0 96.0



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



#2

1,4-Dioxane

Concen: 7.61 ng

RT: 3.57 min Scan# 124

Delta R.T. -0.00 min

Lab File: BG022915.D

Acq: 8 Jul 2016 4:03

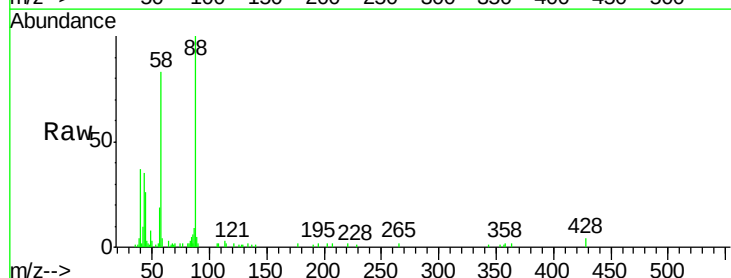
Tgt Ion: 88 Resp: 18420

Ion Ratio Lower Upper

88 100

58 80.6 60.4 90.6

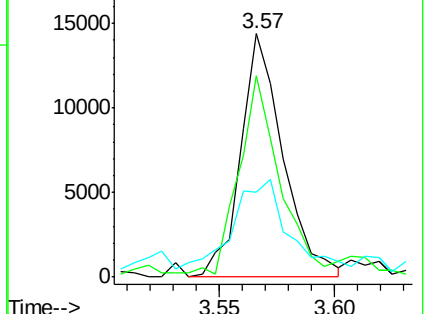
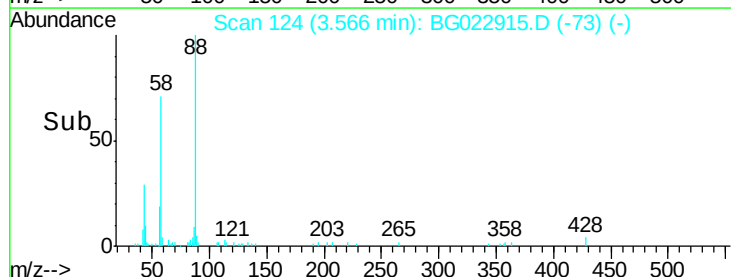
43 45.2 31.1 46.7

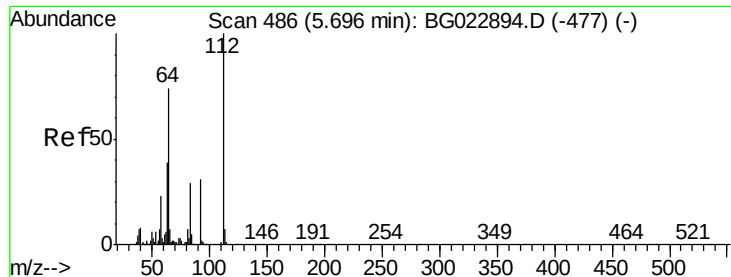


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#5

2-Fluorophenol

Concen: 67.88 ng

RT: 5.70 min Scan# 487

Delta R.T. 0.00 min

Lab File: BG022915.D

Acq: 8 Jul 2016 4:03

Instrument :

BNA_G

ClientSampleId :

MW-3

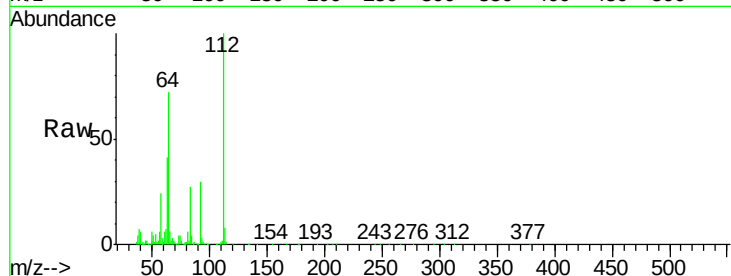
Tgt Ion: 112 Resp: 422714

Ion Ratio Lower Upper

112 100

64 72.4 59.0 88.4

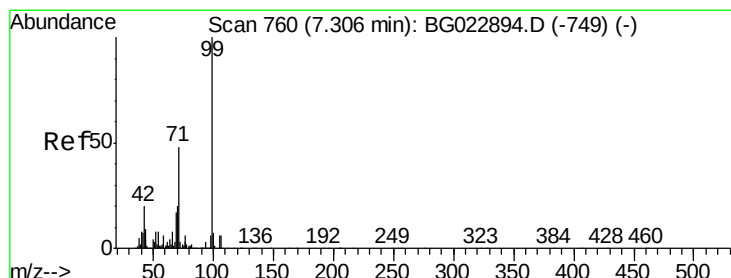
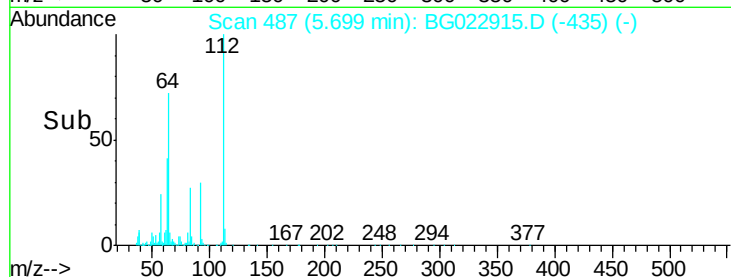
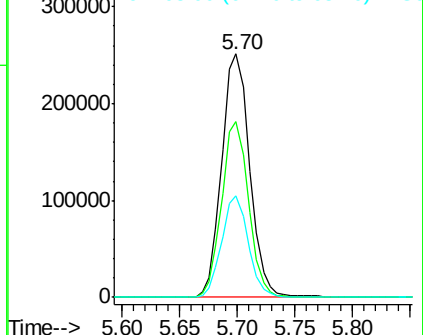
63 41.5 37.8 56.8



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#7

Phenol-d6

Concen: 43.46 ng

RT: 7.30 min Scan# 760

Delta R.T. -0.00 min

Lab File: BG022915.D

Acq: 8 Jul 2016 4:03

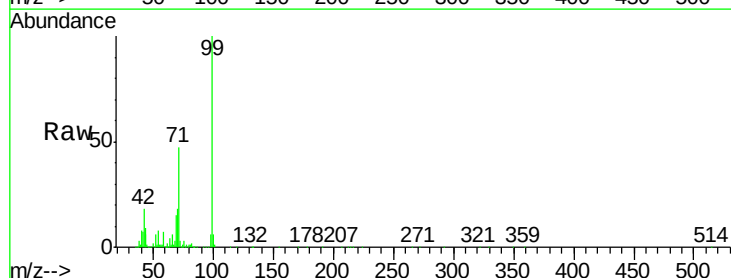
Tgt Ion: 99 Resp: 423894

Ion Ratio Lower Upper

99 100

42 18.1 17.8 26.6

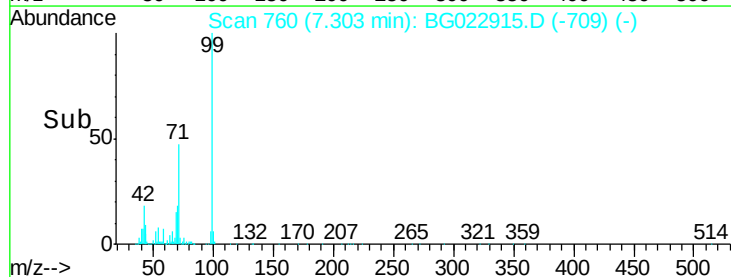
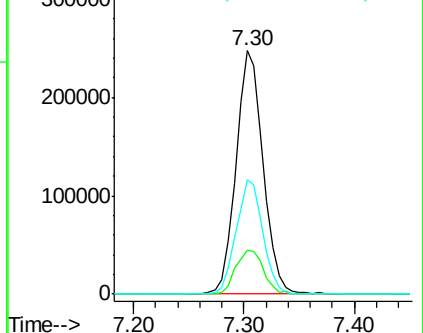
71 46.9 41.5 62.3

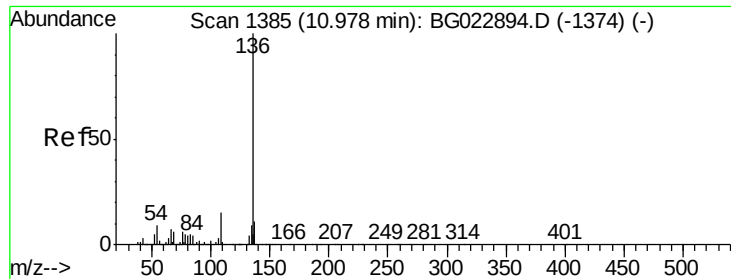


Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC

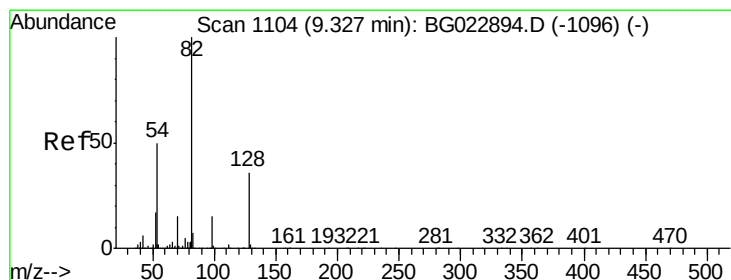
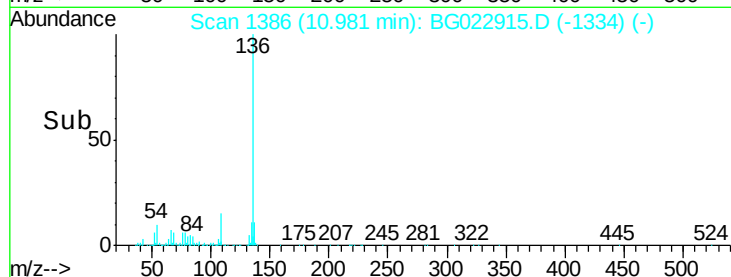
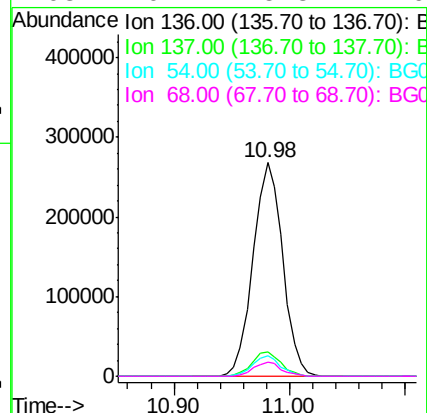
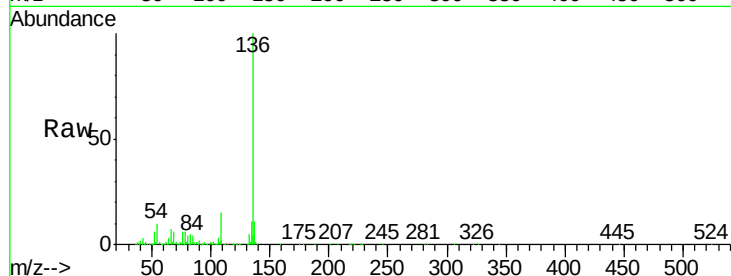




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.98 min Scan# 1386
Delta R.T. 0.00 min
Lab File: BG022915.D
Acq: 8 Jul 2016 4:03

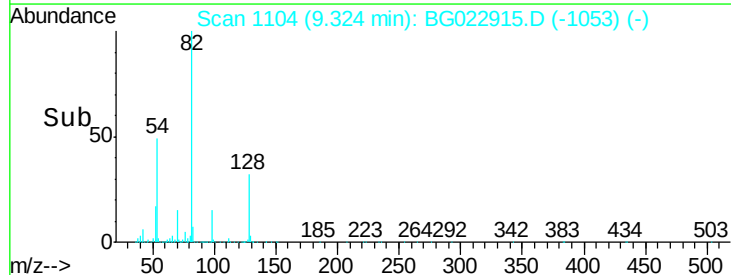
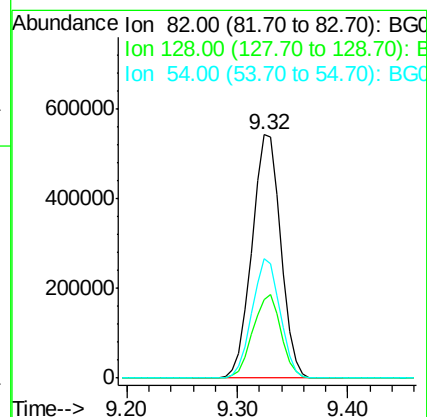
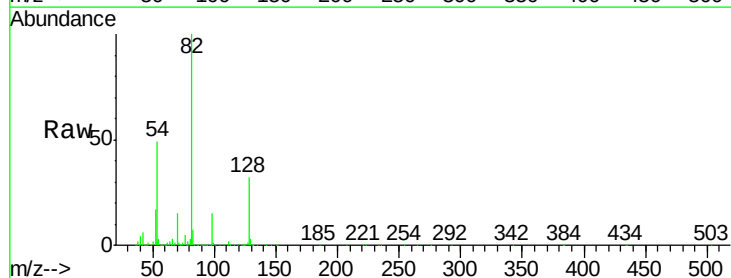
Instrument :
BNA_G
ClientSampleId :
MW-3

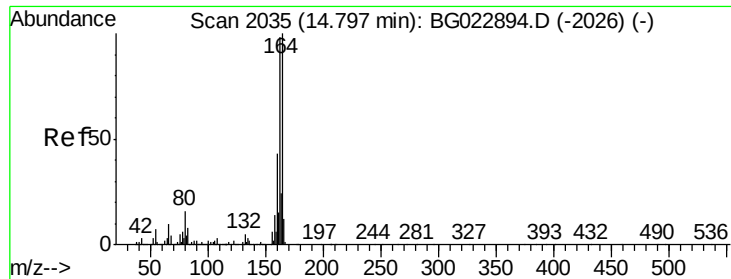
Tgt Ion:	136	Resp:	480057
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.6	14.4
54	9.7	7.3	10.9
68	6.4	5.3	7.9



#23
Nitrobenzene-d5
Concen: 88.91 ng
RT: 9.32 min Scan# 1104
Delta R.T. -0.00 min
Lab File: BG022915.D
Acq: 8 Jul 2016 4:03

Tgt Ion:	82	Resp:	996752
Ion	Ratio	Lower	Upper
82	100		
128	32.1	24.4	36.6
54	48.9	41.4	62.0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.80 min Scan# 2036

Delta R.T. 0.00 min

Lab File: BG022915.D

Acq: 8 Jul 2016 4:03

Instrument :

BNA_G

ClientSampleId :

MW-3

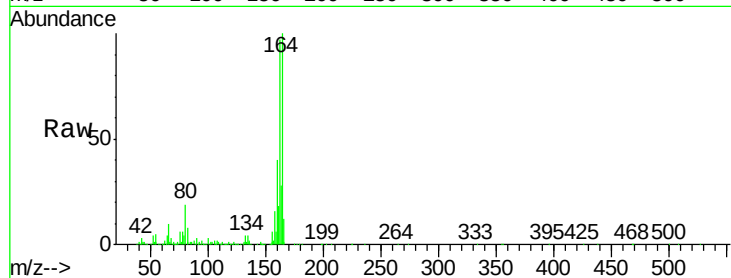
Tgt Ion:164 Resp: 393368

Ion Ratio Lower Upper

164 100

162 97.4 87.7 131.5

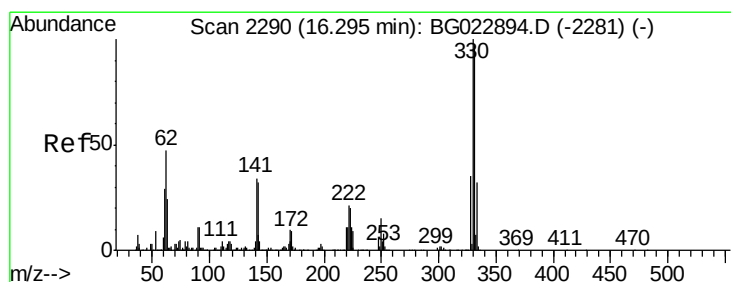
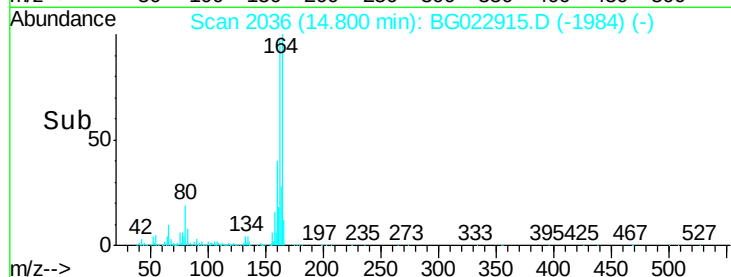
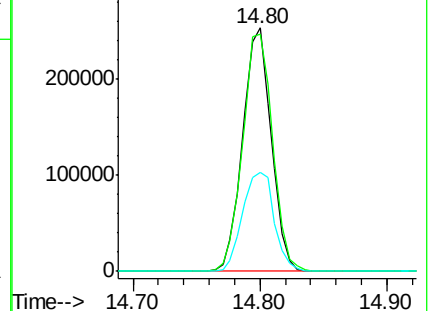
160 40.4 37.2 55.8



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: 124.38 ng

RT: 16.29 min Scan# 2290

Delta R.T. -0.00 min

Lab File: BG022915.D

Acq: 8 Jul 2016 4:03

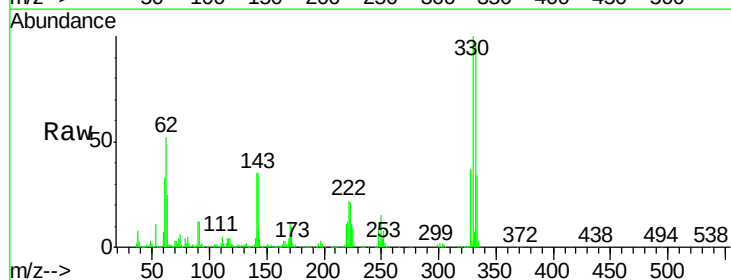
Tgt Ion:330 Resp: 879358

Ion Ratio Lower Upper

330 100

332 95.9 77.4 116.2

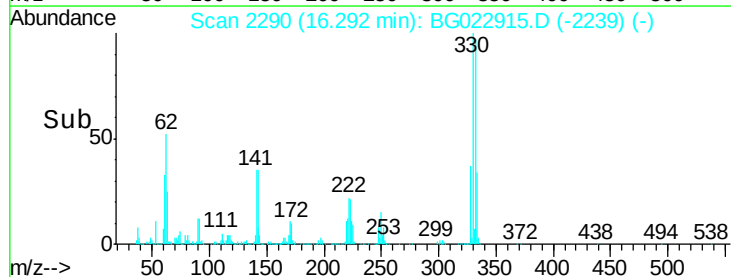
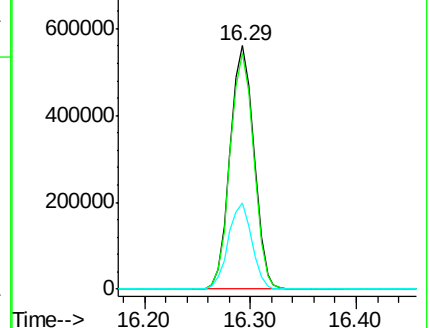
141 35.0 31.7 47.5

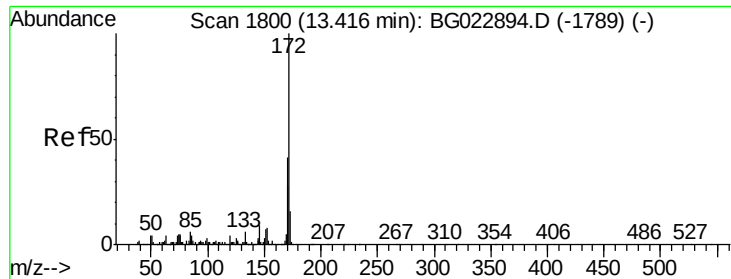


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

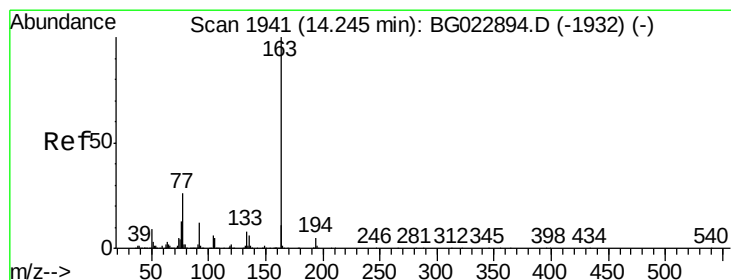
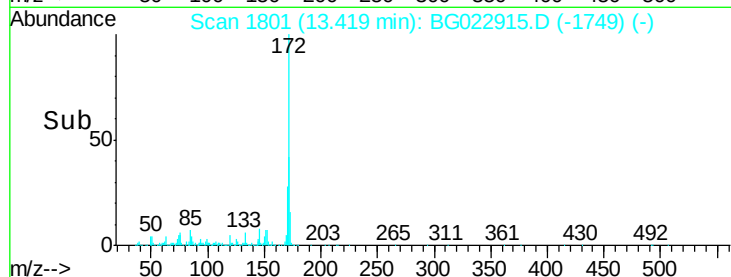
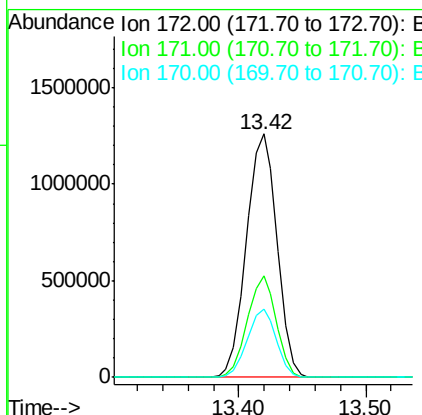
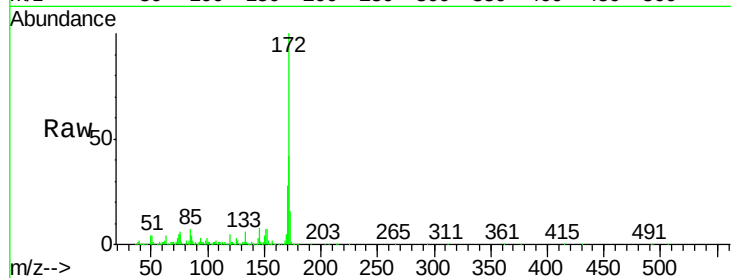




#44
 2-Fluorobiphenyl
 Concen: 84.42 ng
 RT: 13.42 min Scan# 1801
 Delta R.T. 0.00 min
 Lab File: BG022915.D
 Acq: 8 Jul 2016 4:03

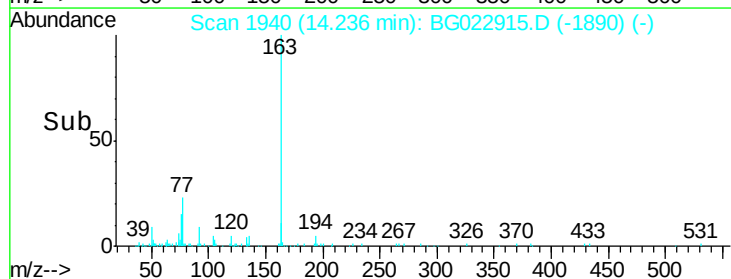
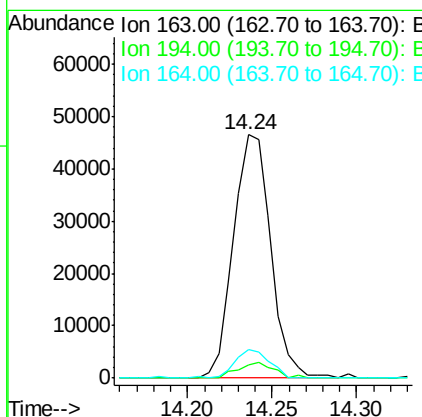
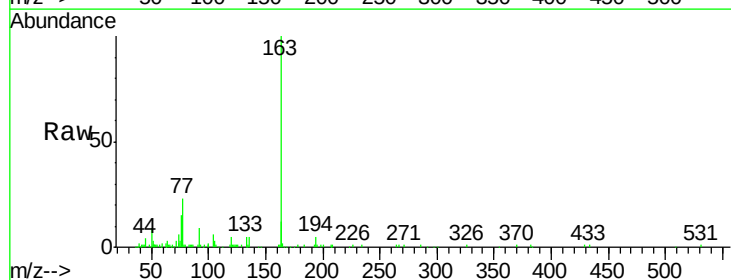
Instrument :
 BNA_G
 ClientSampleId :
 MW-3

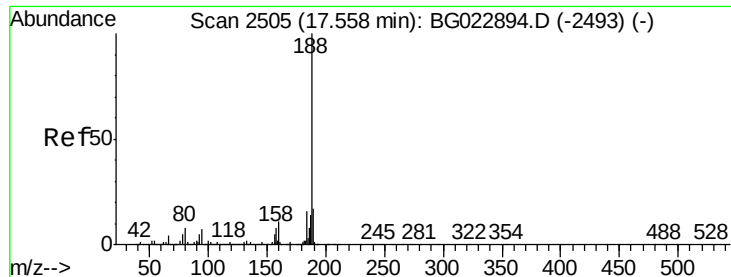
Tgt Ion:172 Resp: 2108249
 Ion Ratio Lower Upper
 172 100
 171 41.6 31.6 47.4
 170 27.9 21.3 31.9



#49
 Dimethylphthalate
 Concen: 2.22 ng
 RT: 14.24 min Scan# 1940
 Delta R.T. -0.01 min
 Lab File: BG022915.D
 Acq: 8 Jul 2016 4:03

Tgt Ion:163 Resp: 71384
 Ion Ratio Lower Upper
 163 100
 194 5.4 3.6 5.4
 164 11.6 8.1 12.1





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.56 min Scan# 2505

Delta R.T. -0.00 min

Lab File: BG022915.D

Acq: 8 Jul 2016 4:03

Instrument :

BNA_G

ClientSampleId :

MW-3

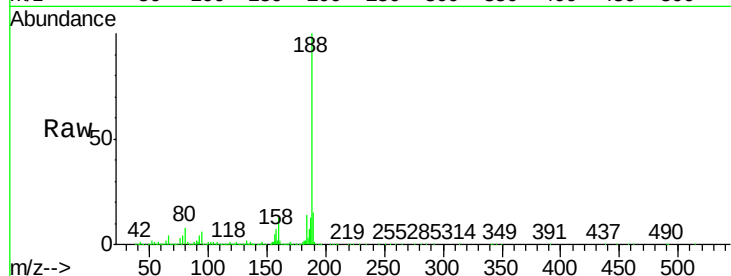
Tgt Ion:188 Resp: 951855

Ion Ratio Lower Upper

188 100

94 5.7 5.2 7.8

80 8.3 7.2 10.8



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

17.56

600000

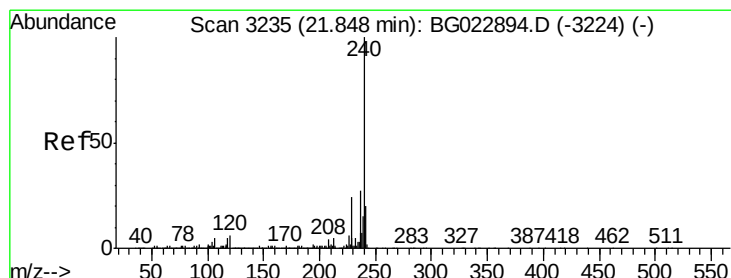
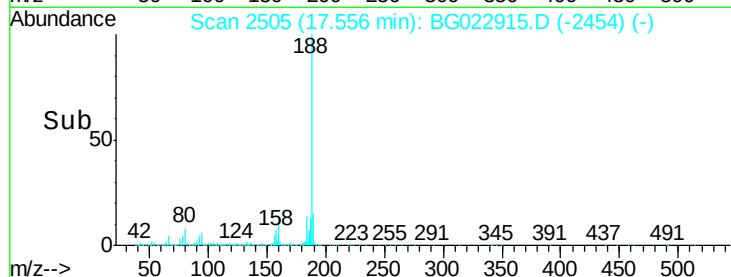
400000

200000

0

17.50 17.60

Time-->



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.84 min Scan# 3235

Delta R.T. -0.00 min

Lab File: BG022915.D

Acq: 8 Jul 2016 4:03

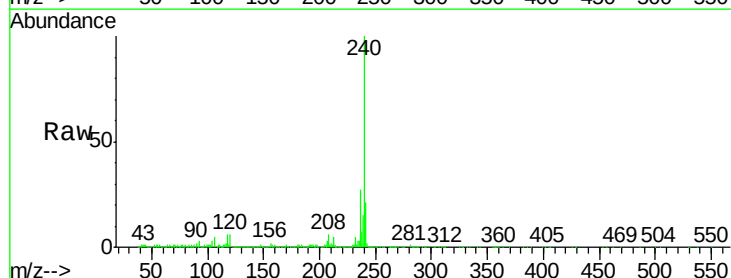
Tgt Ion:240 Resp: 1031717

Ion Ratio Lower Upper

240 100

120 5.7 4.1 6.1

236 26.5 21.1 31.7



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

21.84

600000

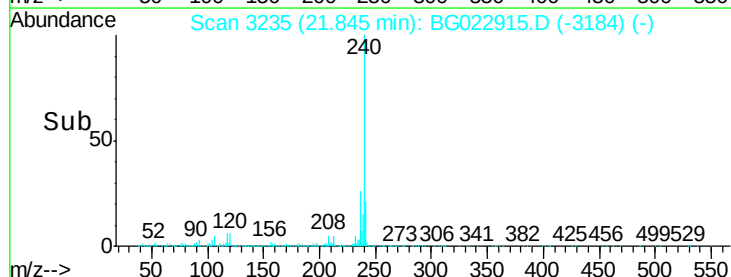
400000

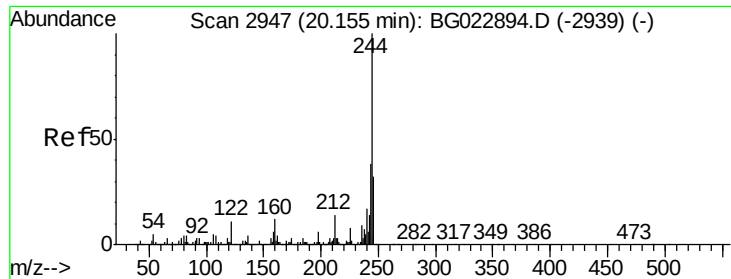
200000

0

21.80 21.90

Time-->





#78

Terphenyl-d14

Concen: 95.31 ng

RT: 20.16 min Scan# 2948

Delta R.T. 0.00 min

Lab File: BG022915.D

Acq: 8 Jul 2016 4:03

Instrument :

BNA_G

ClientSampleId :

MW-3

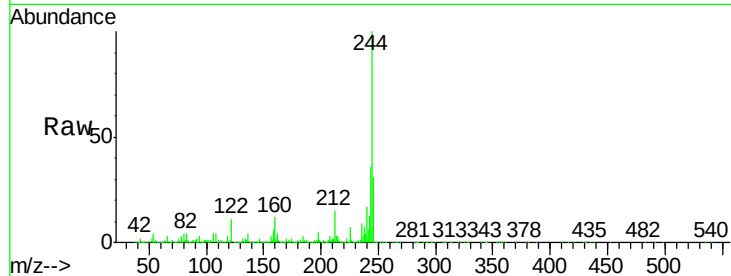
Tgt Ion:244 Resp: 2960754

Ion Ratio Lower Upper

244 100

212 14.5 10.8 16.2

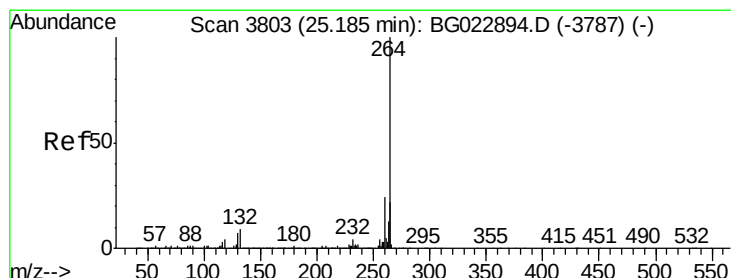
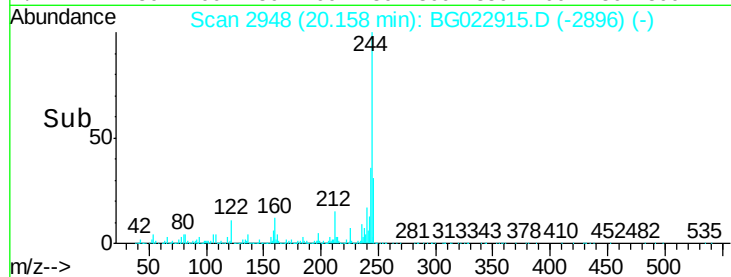
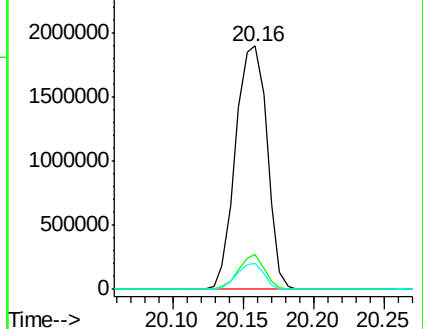
122 10.7 8.0 12.0



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: 25.19 min Scan# 3804

Delta R.T. 0.00 min

Lab File: BG022915.D

Acq: 8 Jul 2016 4:03

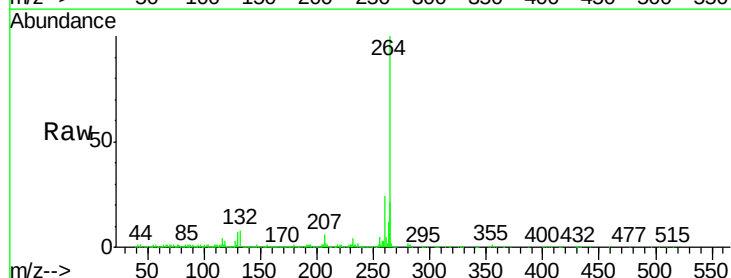
Tgt Ion:264 Resp: 1063566

Ion Ratio Lower Upper

264 100

260 24.1 18.4 27.6

265 21.3 18.9 28.3



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

