

Data Path : Z:\HPCHEM1\BNA G\DATA\BG010917\
 Data File : BG025444.D
 Acq On : 10 Jan 2017 00:04
 Operator : UM/SJ
 Sample : I1055-07
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 W-25

Quant Time: Jan 10 04:25:31 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 21 18:42:01 2016
 Response via : Initial Calibration

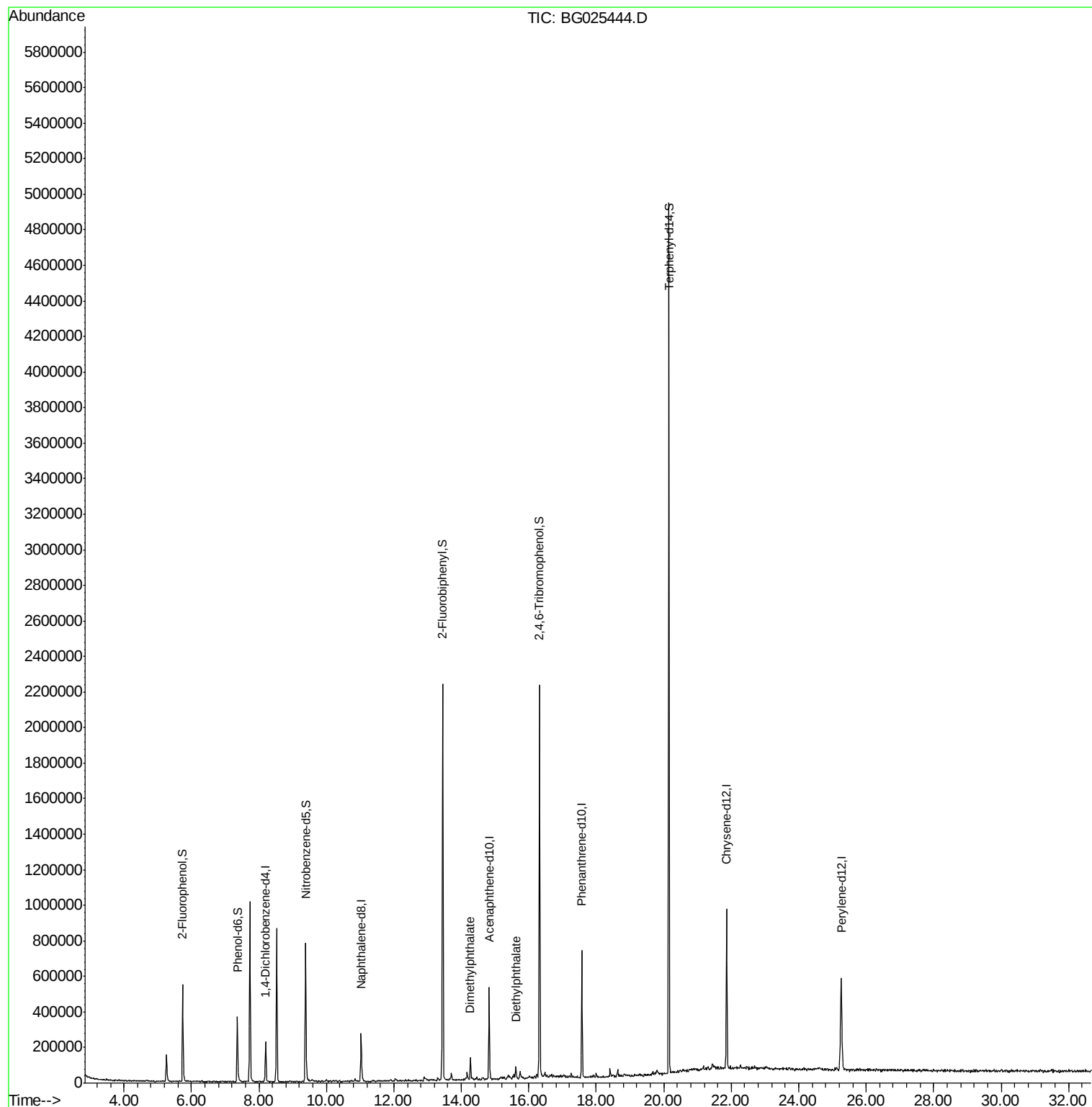
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.20	152	56145	20.00	ng	-0.01
21) Naphthalene-d8	11.03	136	225600	20.00	ng	-0.01
38) Acenaphthene-d10	14.83	164	189329	20.00	ng	-0.01
63) Phenanthrene-d10	17.57	188	422406	20.00	ng	-0.01
75) Chrysene-d12	21.86	240	601988	20.00	ng	-0.02
86) Perylene-d12	25.26	264	653893	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.74	112	228935	74.12	ng	-0.01
7) Phenol-d6	7.36	99	196862	45.25	ng	-0.01
23) Nitrobenzene-d5	9.39	82	514128	100.68	ng	-0.01
41) 2,4,6-Tribromophenol	16.32	330	445844	146.27	ng	0.00
44) 2-Fluorobiphenyl	13.45	172	1097488	93.85	ng	-0.01
78) Terphenyl-d14	20.16	244	2064110	90.91	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.27	163	76626	5.55	ng	# 91
59) Diethylphthalate	15.61	149	32599	2.25	ng	# 87

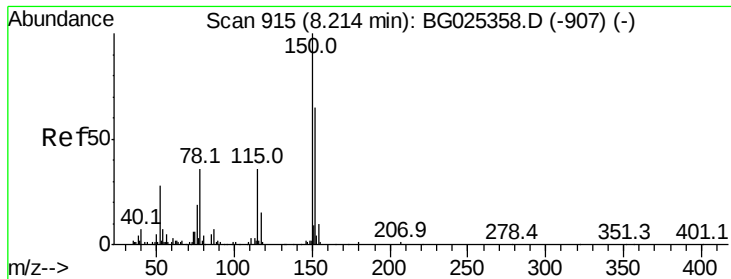
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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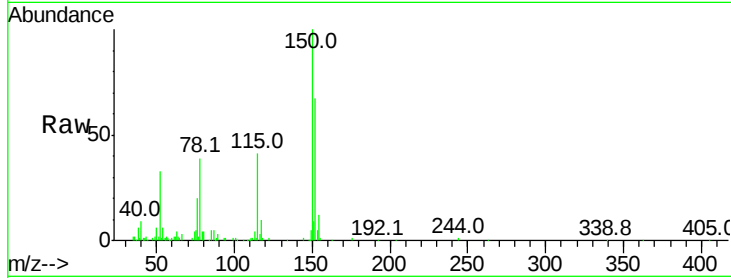


#1

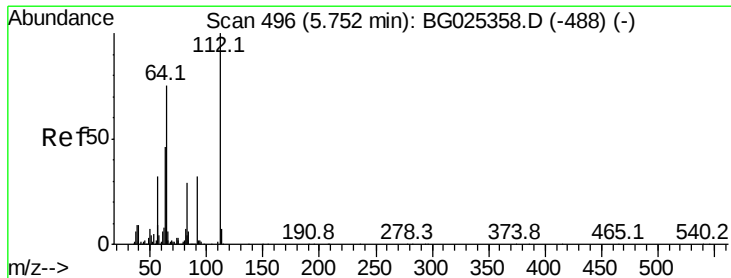
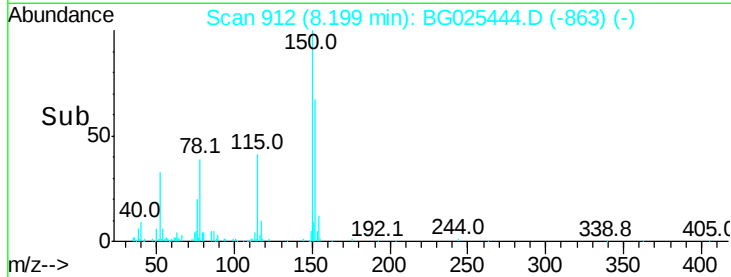
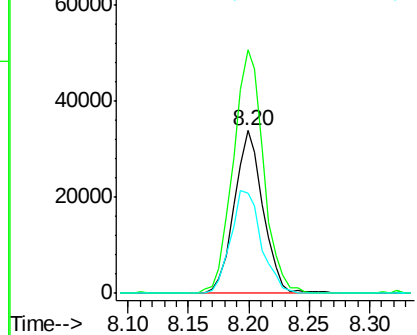
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.20 min Scan# 912
Delta R.T. -0.01 min
Lab File: BG025444.D
Acq: 10 Jan 2017 00:04

Instrument :
BNA_G
ClientSampleId :
W-25

Tot Ion	Ratio	Lower	Upper
152	100		
150	149.5	114.0	171.0
115	61.5	48.1	72.1



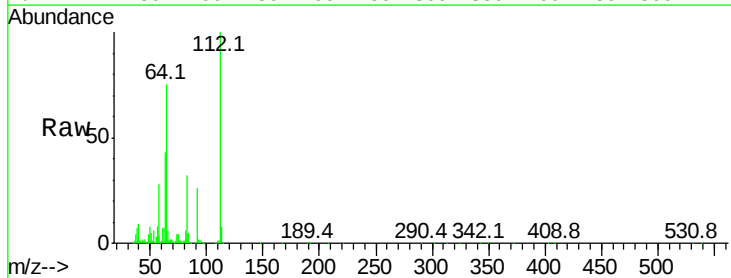
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



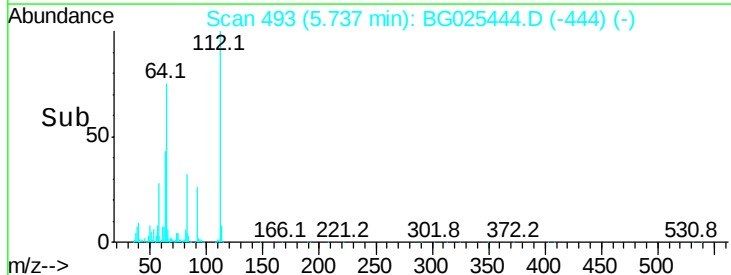
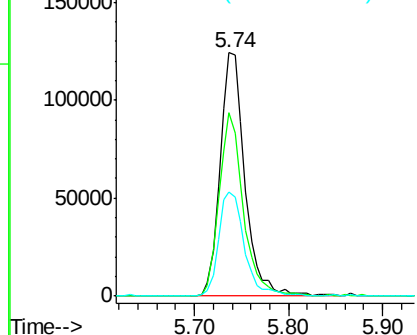
#5

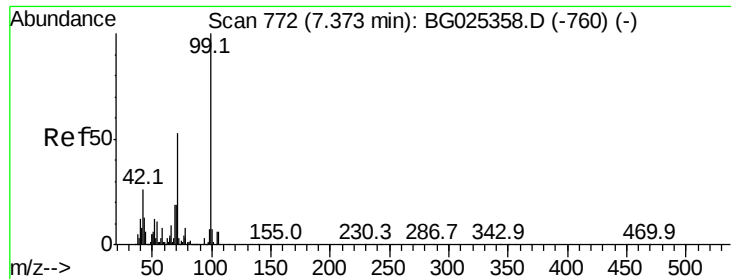
2-Fluorophenol
Concen: 74.12 ng
RT: 5.74 min Scan# 493
Delta R.T. -0.01 min
Lab File: BG025444.D
Acq: 10 Jan 2017 00:04

Tgt Ion	Ratio	Lower	Upper
112	100		
64	75.5	61.8	92.6
63	42.8	37.2	55.8



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 45.25 ng

RT: 7.36 min Scan# 769

Delta R.T. -0.01 min

Lab File: BG025444.D

Acq: 10 Jan 2017 00:04

Instrument :

BNA_G

ClientSampled :

W-25

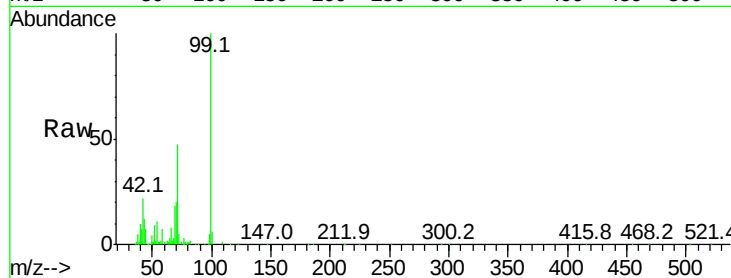
Tot Ion: 99 Resp: 196862

Ion Ratio Lower Upper

99 100

42 22.1 20.5 30.7

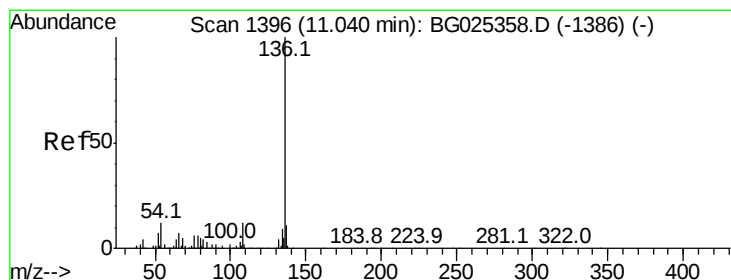
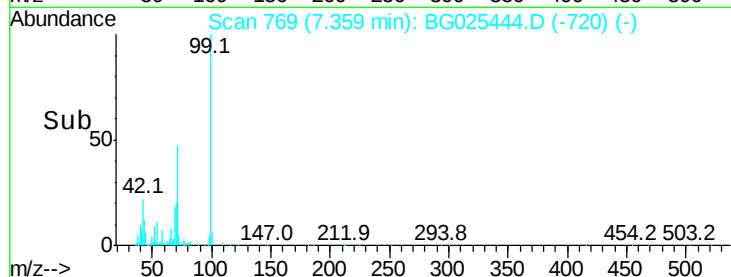
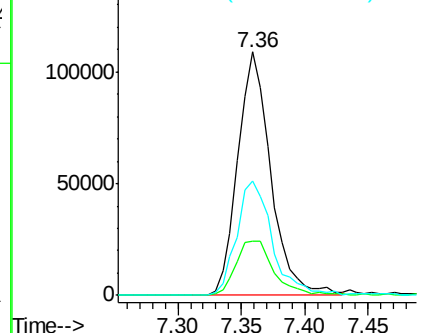
71 47.1 37.6 56.4



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.03 min Scan# 1393

Delta R.T. -0.01 min

Lab File: BG025444.D

Acq: 10 Jan 2017 00:04

Tgt Ion: 136 Resp: 225600

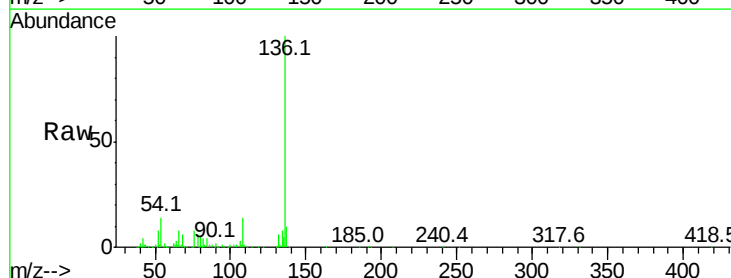
Ion Ratio Lower Upper

136 100

137 10.2 8.9 13.3

54 13.6 9.3 13.9

68 5.7 5.1 7.7

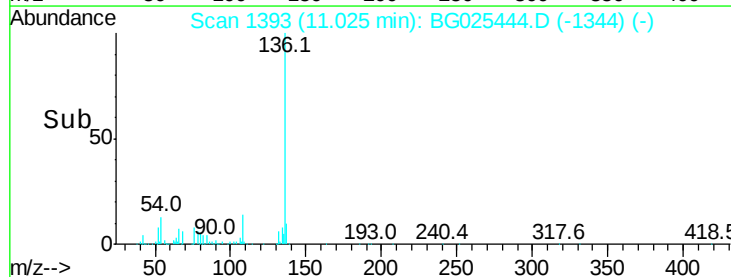
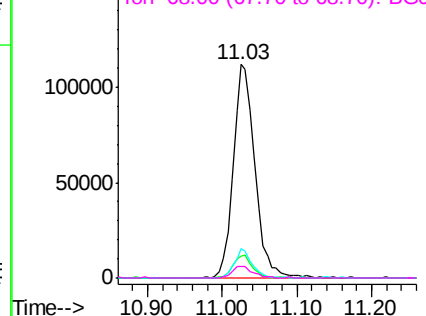


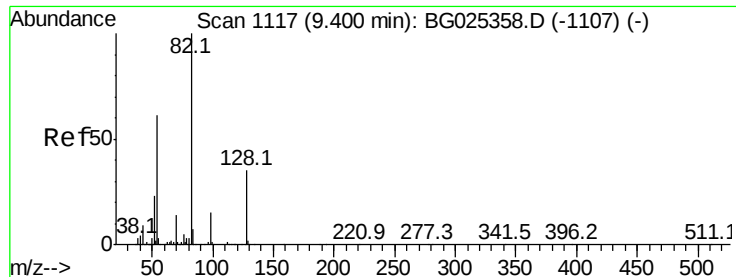
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

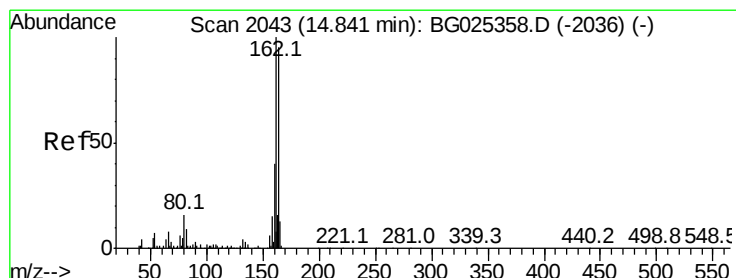
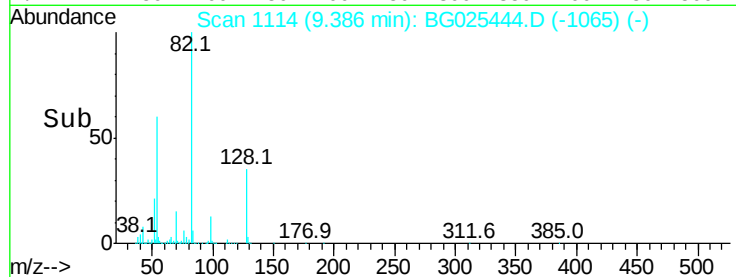
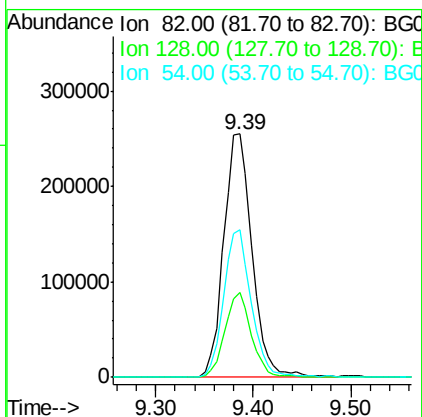
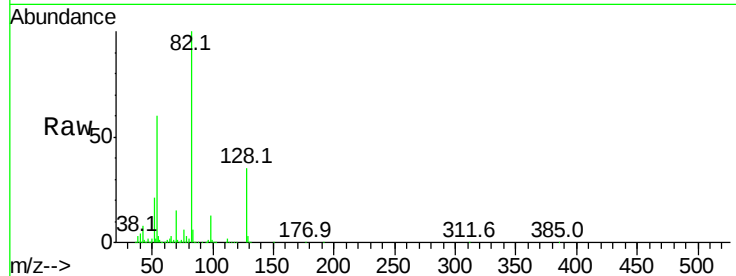




#23
 Nitrobenzene-d5
 Concen: 100.68 ng
 RT: 9.39 min Scan# 1114
 Delta R.T. -0.01 min
 Lab File: BG025444.D
 Acq: 10 Jan 2017 00:04

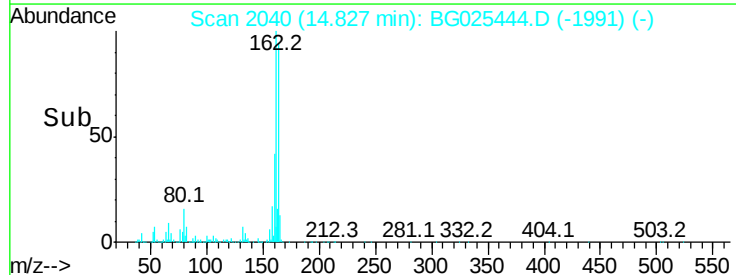
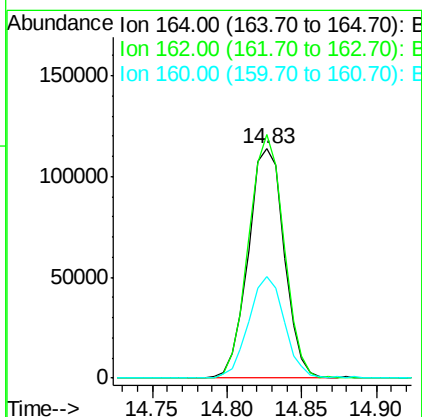
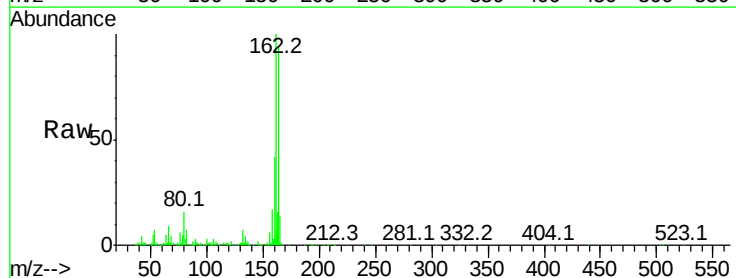
Instrument :
 BNA_G
 ClientSampleId :
 W-25

Tot Ion	Ratio	Lower	Upper
82	100		
128	34.9	26.4	39.6
54	60.5	49.4	74.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.83 min Scan# 2040
 Delta R.T. -0.01 min
 Lab File: BG025444.D
 Acq: 10 Jan 2017 00:04

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.1	85.1	127.7
160	44.1	34.7	52.1

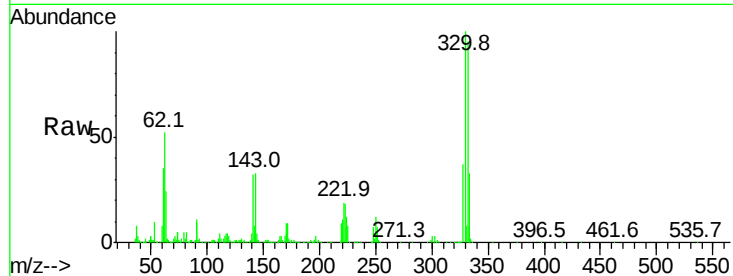




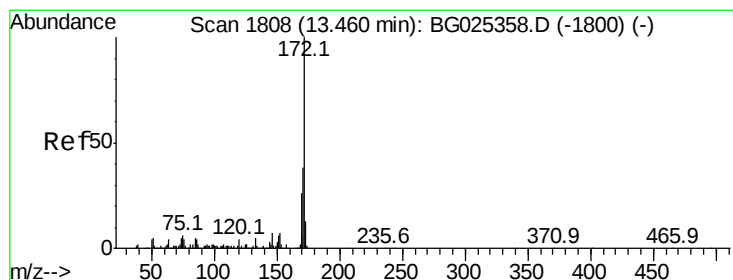
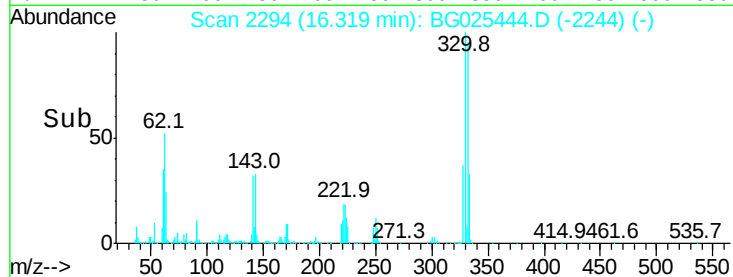
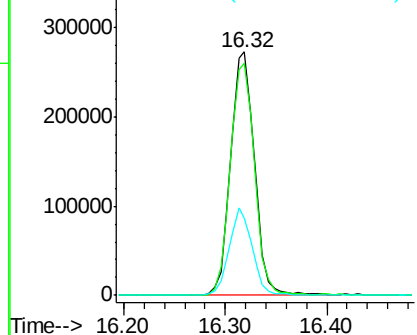
#41
 2,4,6-Tribromophenol
 Concen: 146.27 ng
 RT: 16.32 min Scan# 2294
 Delta R.T. -0.01 min
 Lab File: BG025444.D
 Acq: 10 Jan 2017 00:04

Instrument :
 BNA_G
 ClientSampleId :
 W-25

Tot Ion:330 Resp: 445844
 Ion Ratio Lower Upper
 330 100
 332 96.5 77.3 115.9
 141 34.6 32.1 48.1

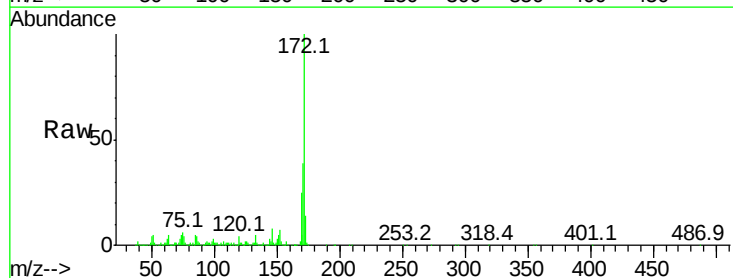


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

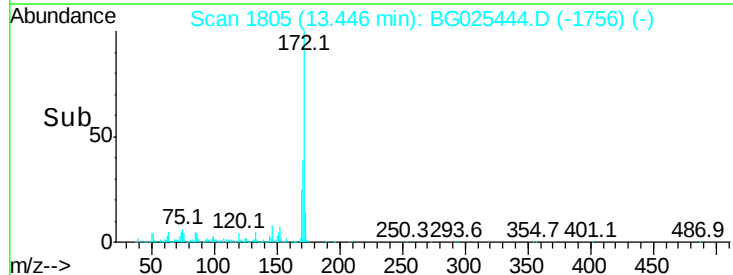
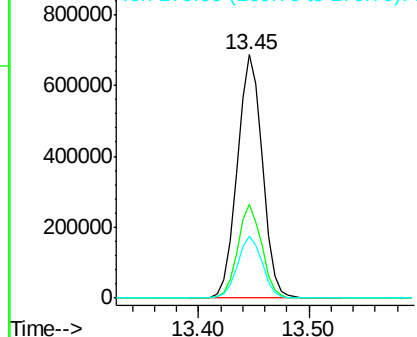


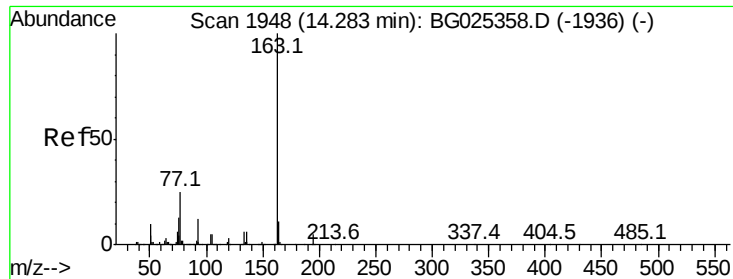
#44
 2-Fluorobiphenyl
 Concen: 93.85 ng
 RT: 13.45 min Scan# 1805
 Delta R.T. -0.01 min
 Lab File: BG025444.D
 Acq: 10 Jan 2017 00:04

Tgt Ion:172 Resp: 1097488
 Ion Ratio Lower Upper
 172 100
 171 38.6 32.2 48.2
 170 25.3 21.8 32.6



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





#49

Dimethylphthalate

Concen: 5.55 ng

RT: 14.27 min Scan# 1945

Delta R.T. -0.01 min

Lab File: BG025444.D

Acq: 10 Jan 2017 00:04

Instrument :

BNA_G

ClientSampleId :

W-25

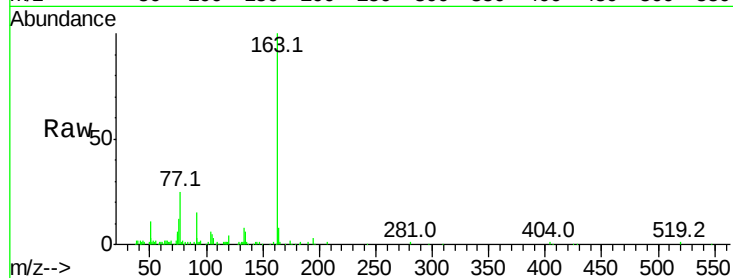
Tot Ion:163 Resp: 76626

Ion Ratio Lower Upper

163 100

194 3.3 3.8 5.6#

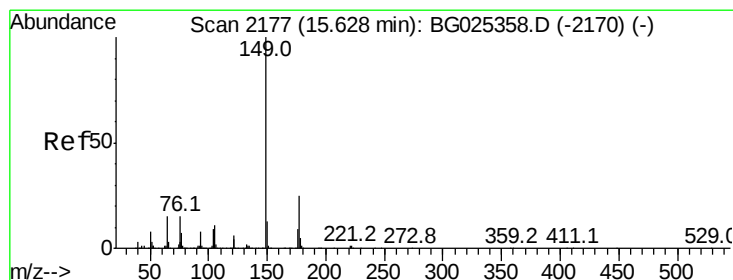
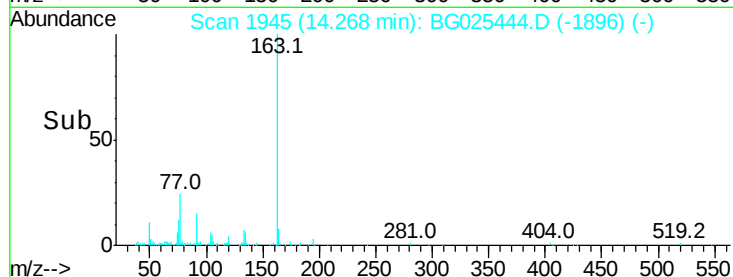
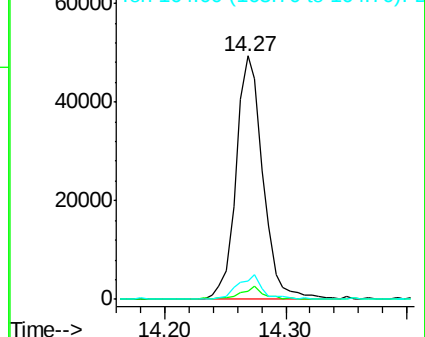
164 7.5 9.3 13.9#



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#59

Diethylphthalate

Concen: 2.25 ng

RT: 15.61 min Scan# 2174

Delta R.T. -0.01 min

Lab File: BG025444.D

Acq: 10 Jan 2017 00:04

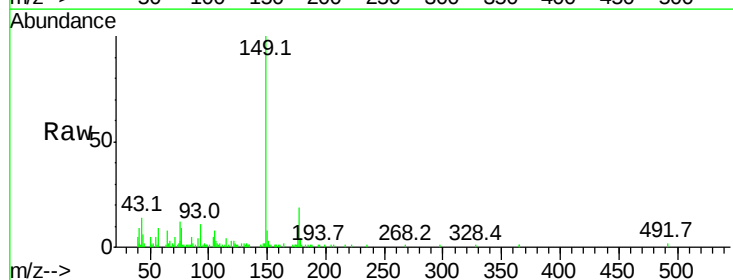
Tgt Ion:149 Resp: 32599

Ion Ratio Lower Upper

149 100

177 18.7 20.1 30.1#

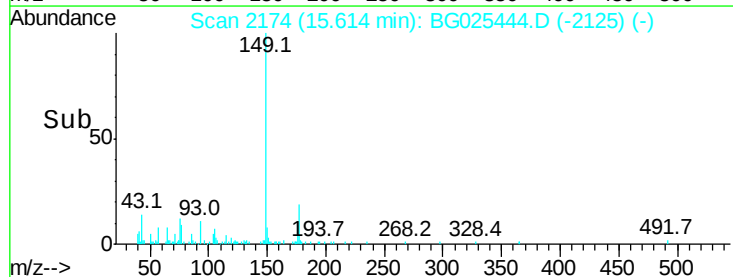
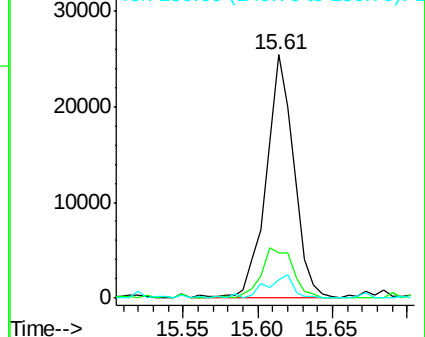
150 7.6 10.2 15.2#

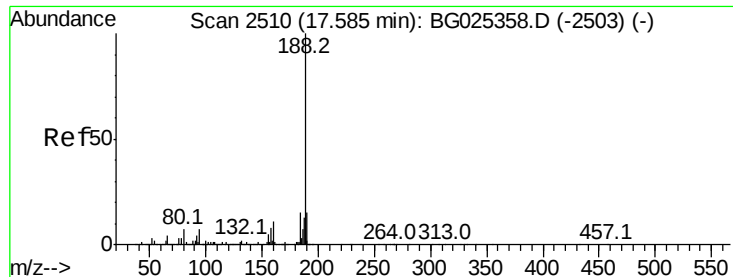


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.57 min Scan# 2507

Delta R.T. -0.01 min

Lab File: BG025444.D

Acq: 10 Jan 2017 00:04

Instrument :

BNA_G

ClientSampleId :

W-25

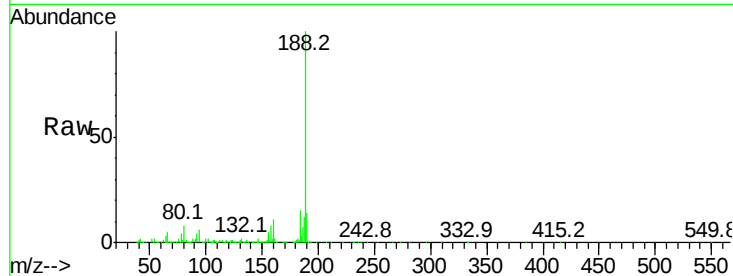
Tot Ion:188 Resp: 422406

Ion Ratio Lower Upper

188 100

94 5.8 5.8 8.8

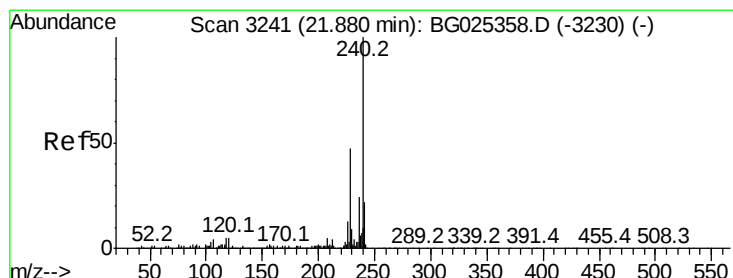
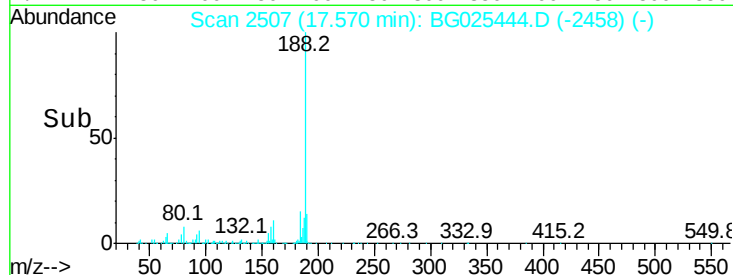
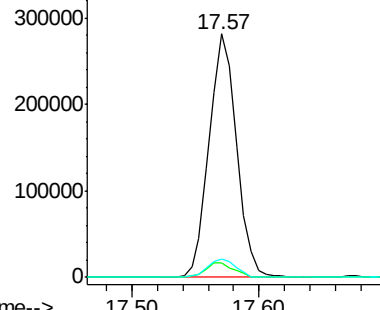
80 7.5 7.5 11.3



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



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.86 min Scan# 3237

Delta R.T. -0.02 min

Lab File: BG025444.D

Acq: 10 Jan 2017 00:04

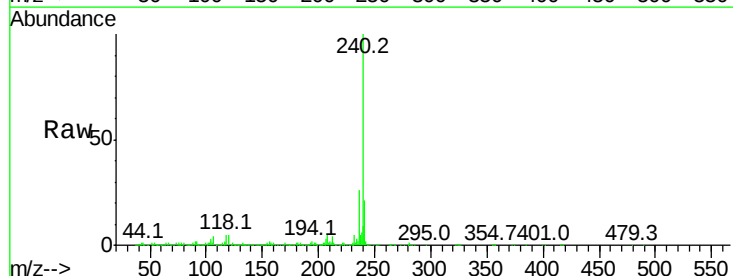
Tgt Ion:240 Resp: 601988

Ion Ratio Lower Upper

240 100

120 5.1 5.7 8.5#

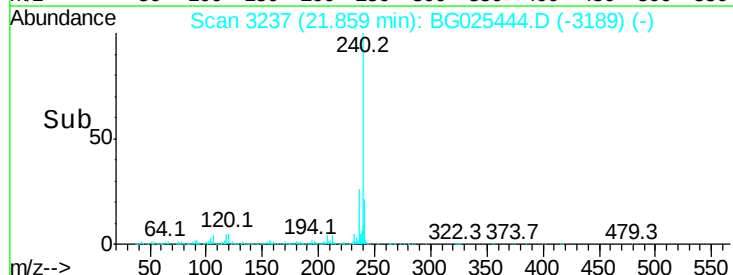
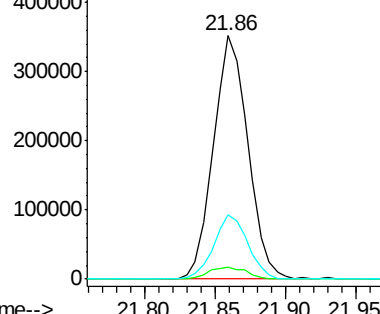
236 26.4 22.2 33.4

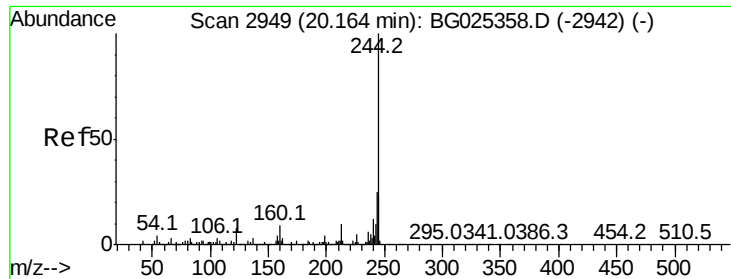


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 90.91 ng

RT: 20.16 min Scan# 2947

Delta R.T. -0.01 min

Lab File: BG025444.D

Acq: 10 Jan 2017 00:04

Instrument :

BNA_G

ClientSampleId :

W-25

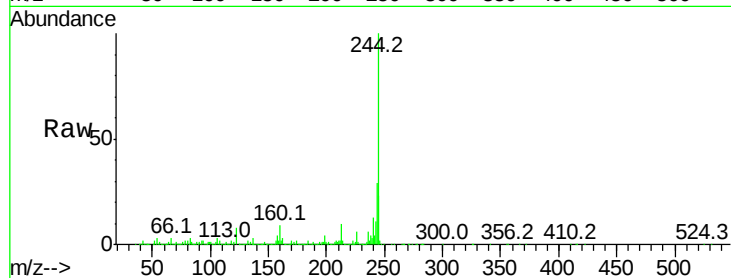
Tot Ion:244 Resp: 2064110

Ion Ratio Lower Upper

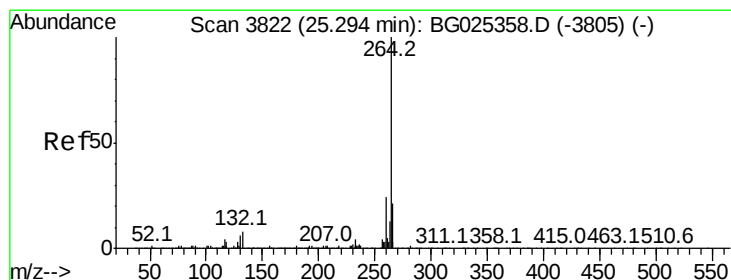
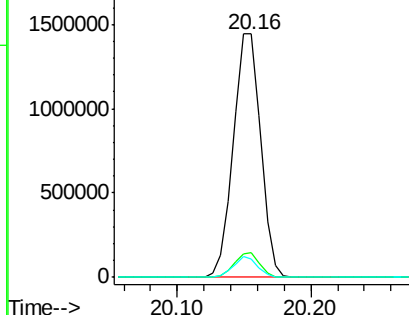
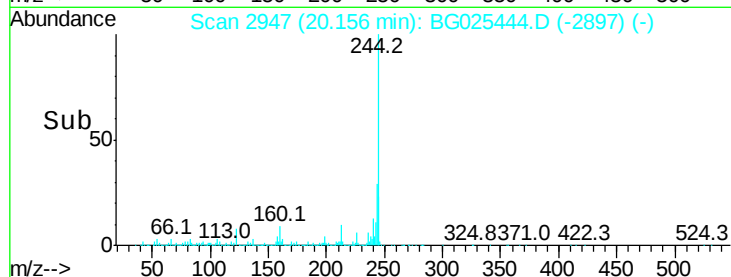
244 100

212 10.0 10.0 15.0

122 7.8 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: 25.26 min Scan# 3816

Delta R.T. -0.03 min

Lab File: BG025444.D

Acq: 10 Jan 2017 00:04

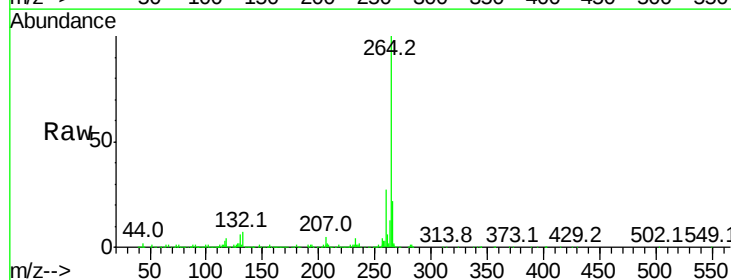
Tgt Ion:264 Resp: 653893

Ion Ratio Lower Upper

264 100

260 26.9 21.8 32.8

265 22.5 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

