

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG091317\
 Data File : BG028700.D
 Acq On : 13 Sep 2017 16:07
 Operator : SJ/JU
 Sample : I5123-08
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EP-26

Quant Time: Sep 14 08:35:13 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

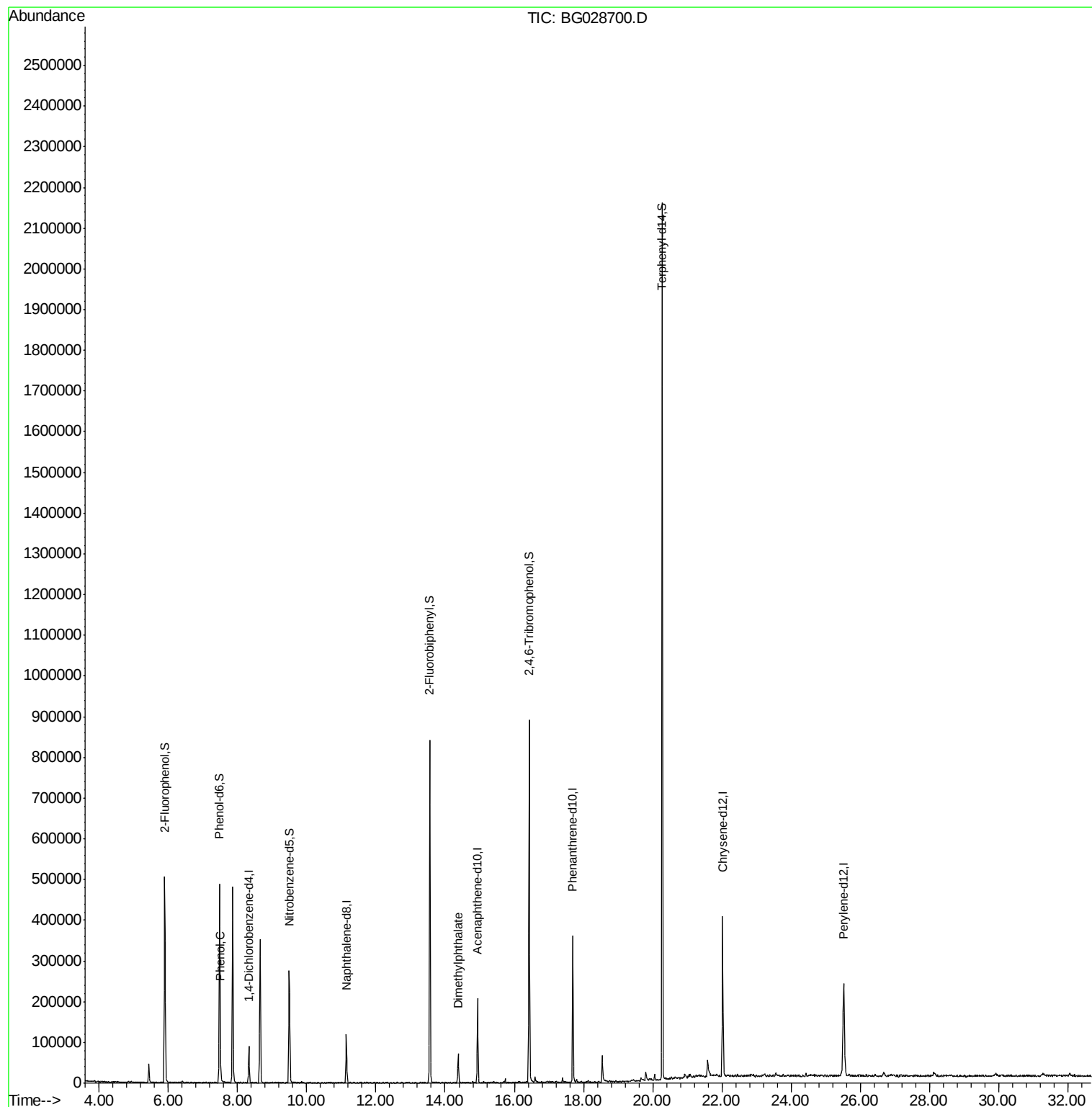
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.33	152	26004	20.00	ng	0.00
21) Naphthalene-d8	11.15	136	101253	20.00	ng	0.00
38) Acenaphthene-d10	14.94	164	74910	20.00	ng	0.00
63) Phenanthrene-d10	17.69	188	236465	20.00	ng	0.00
75) Chrysene-d12	22.02	240	277213	20.00	ng	-0.01
86) Perylene-d12	25.52	264	286303	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.90	112	215801	136.93	ng	0.00
7) Phenol-d6	7.48	99	296836	125.10	ng	0.00
23) Nitrobenzene-d5	9.50	82	186285	88.01	ng	0.00
41) 2,4,6-Tribromophenol	16.43	330	195082	157.46	ng	0.00
44) 2-Fluorobiphenyl	13.56	172	466110	82.97	ng	0.00
78) Terphenyl-d14	20.28	244	986513	75.89	ng	0.00
Target Compounds						
10) Phenol	7.51	94	10725	4.283	ng	Qvalue 87
49) Dimethylphthalate	14.38	163	53580	8.530	ng	# 97

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

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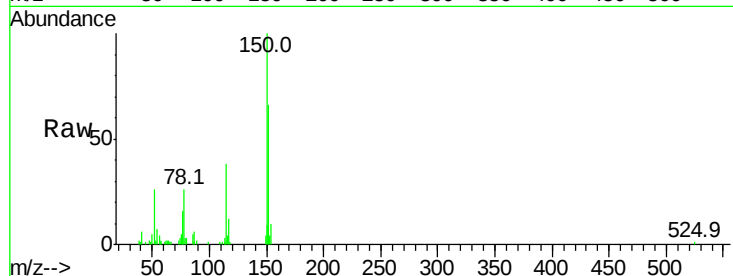


#1

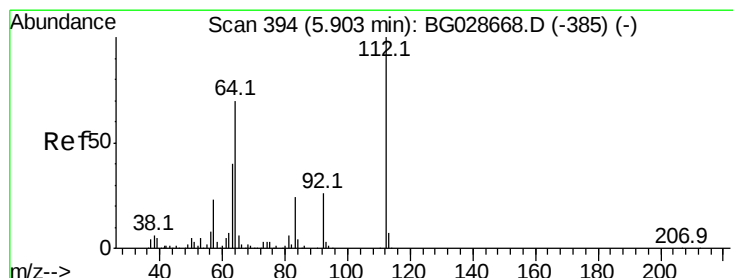
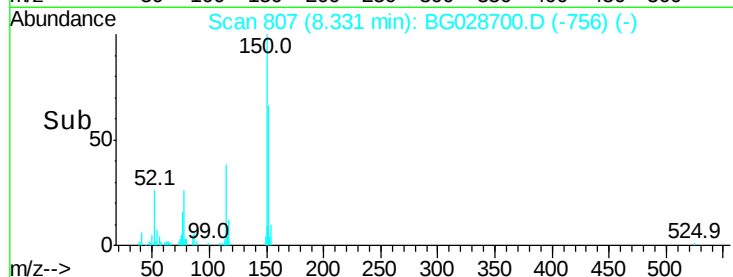
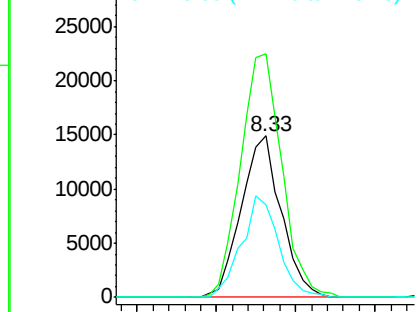
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.33 min Scan# 807
Delta R.T. 0.00 min
Lab File: BG028700.D
Acq: 13 Sep 2017 16:07

Instrument :
BNA_G
ClientSampleId :
EP-26

Tot Ion:152 Resp: 26004
Ion Ratio Lower Upper
152 100
150 151.1 114.0 171.0
115 57.3 48.1 72.1



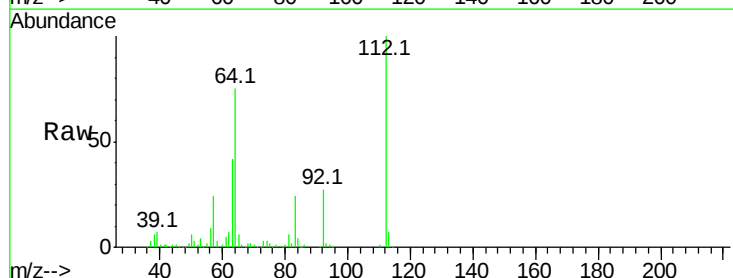
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



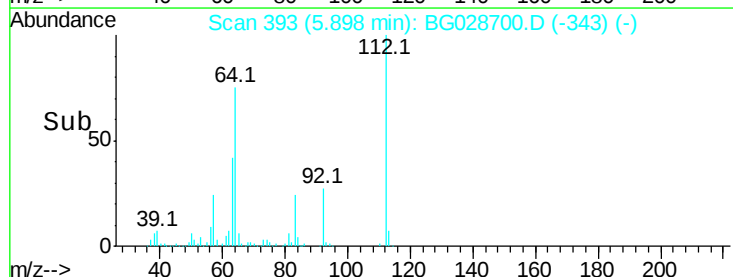
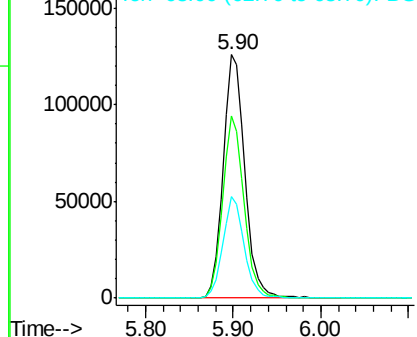
#5

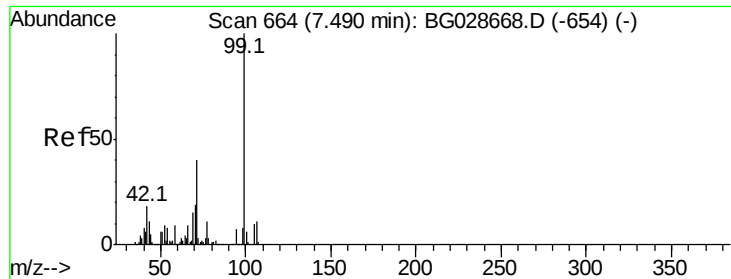
2-Fluorophenol
Concen: 136.934 ng
RT: 5.90 min Scan# 393
Delta R.T. -0.00 min
Lab File: BG028700.D
Acq: 13 Sep 2017 16:07

Tgt Ion:112 Resp: 215801
Ion Ratio Lower Upper
112 100
64 74.6 61.8 92.6
63 41.7 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: 125.100 ng

RT: 7.48 min Scan# 663

Delta R.T. -0.00 min

Lab File: BG028700.D

Acq: 13 Sep 2017 16:07

Instrument :

BNA_G

ClientSampleId :

EP-26

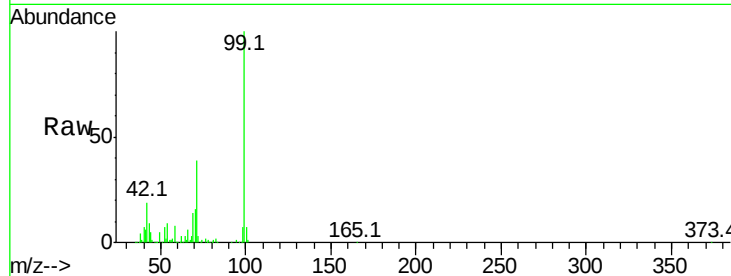
Tot Ion: 99 Resp: 296836

Ion Ratio Lower Upper

99 100

42 18.8 20.5 30.7#

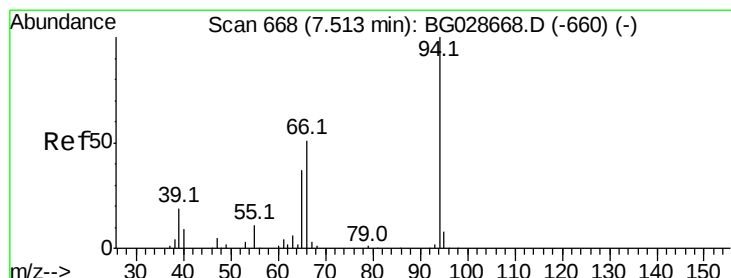
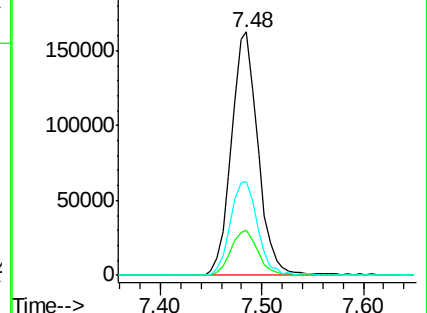
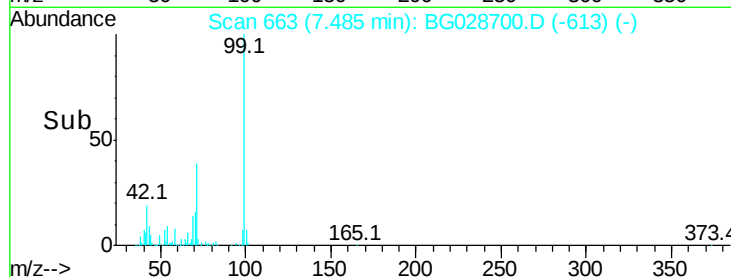
71 38.7 37.6 56.4



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: 4.283 ng

RT: 7.51 min Scan# 667

Delta R.T. -0.00 min

Lab File: BG028700.D

Acq: 13 Sep 2017 16:07

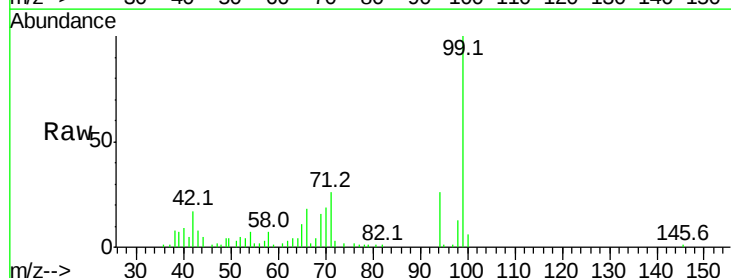
Tgt Ion: 94 Resp: 10725

Ion Ratio Lower Upper

94 100

65 43.6 20.6 60.6

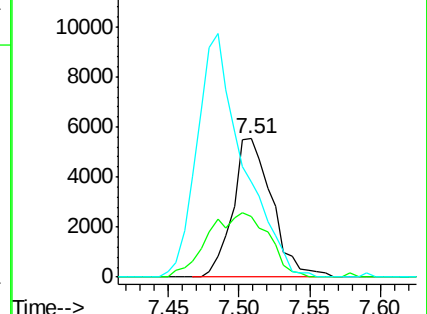
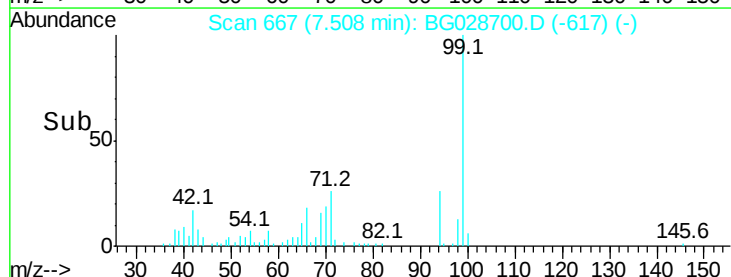
66 68.8 35.5 75.5

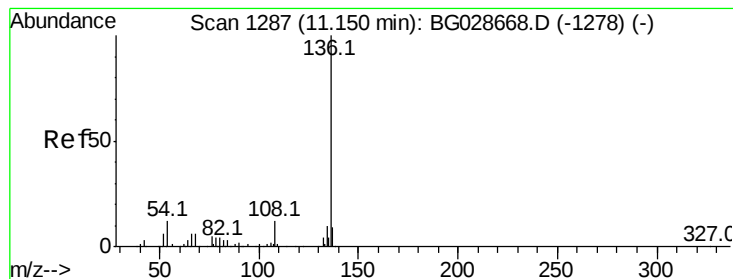


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.15 min Scan# 1286

Delta R.T. -0.00 min

Lab File: BG028700.D

Acq: 13 Sep 2017 16:07

Instrument :

BNA_G

ClientSampleId :

EP-26

Tot Ion:136 Resp: 101253

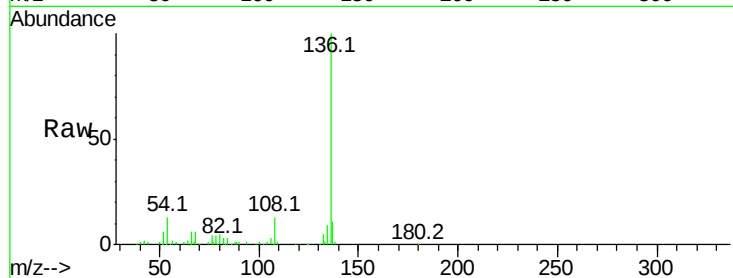
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 13.3 9.3 13.9

68 6.0 5.1 7.7



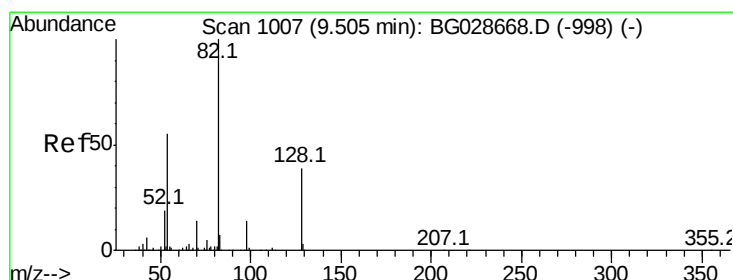
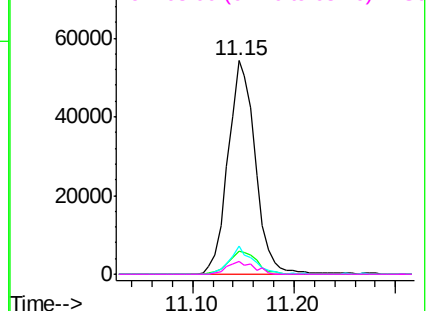
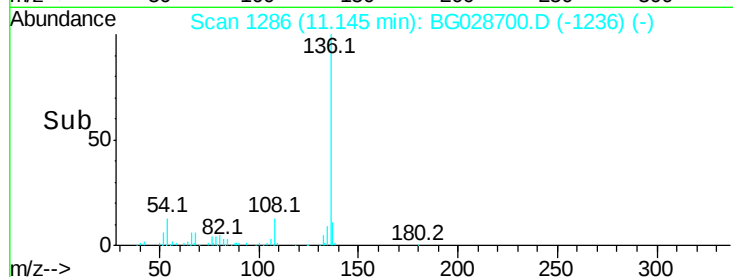
Abundance

Ion 136.00 (135.70 to 136.70): B

Ion 137.00 (136.70 to 137.70): B

Ion 54.00 (53.70 to 54.70): B

Ion 68.00 (67.70 to 68.70): B



#23

Nitrobenzene-d5

Concen: 88.011 ng

RT: 9.50 min Scan# 1006

Delta R.T. -0.00 min

Lab File: BG028700.D

Acq: 13 Sep 2017 16:07

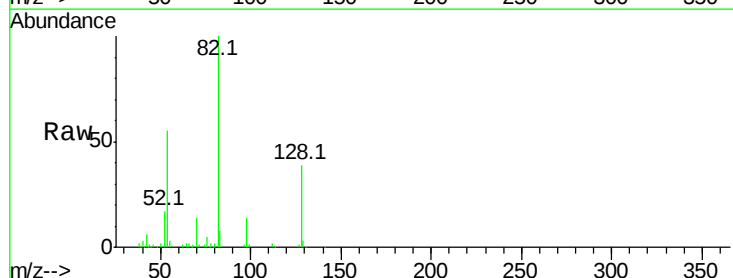
Tgt Ion: 82 Resp: 186285

Ion Ratio Lower Upper

82 100

128 38.9 26.4 39.6

54 54.9 49.4 74.2

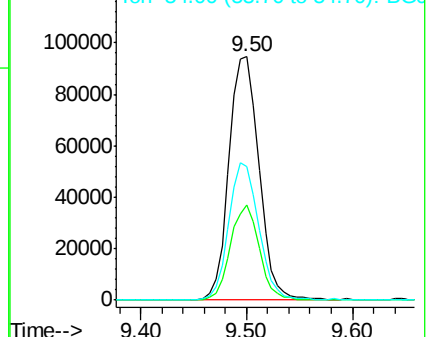
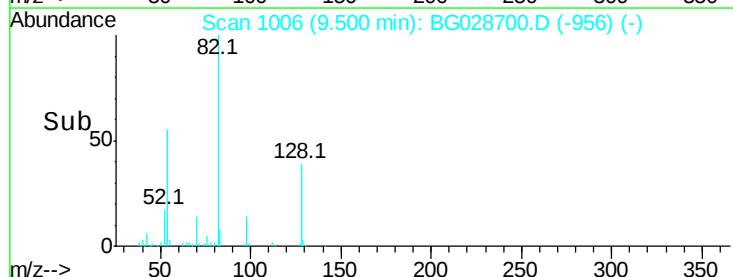


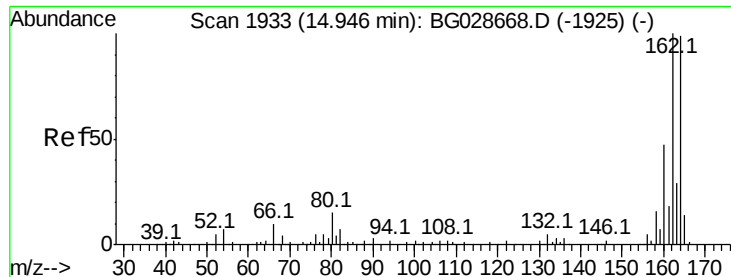
Abundance

Ion 82.00 (81.70 to 82.70): B

Ion 128.00 (127.70 to 128.70): B

Ion 54.00 (53.70 to 54.70): B

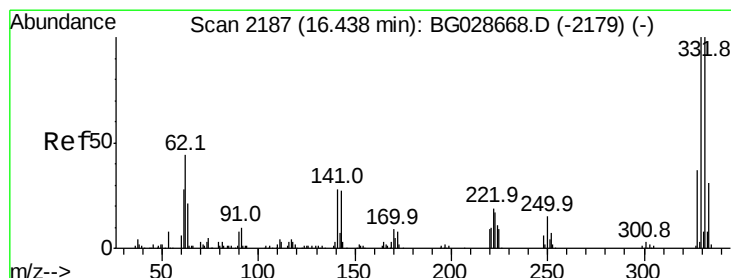
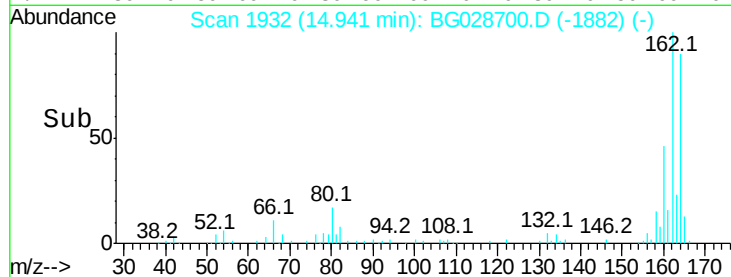
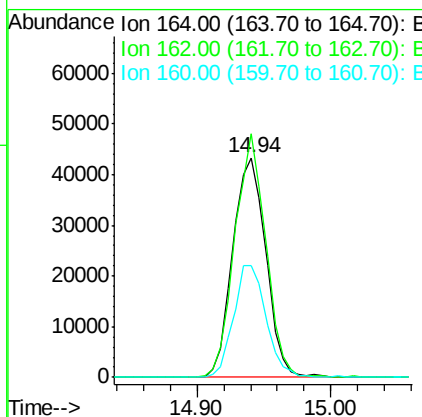
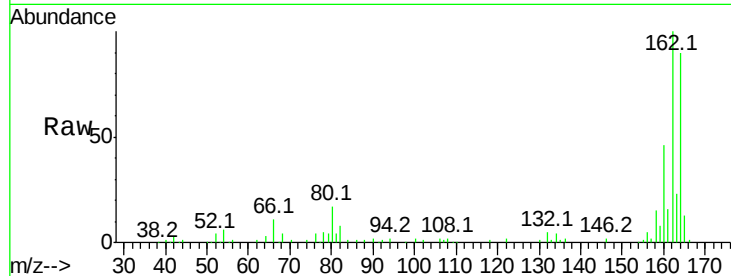




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.94 min Scan# 1932
 Delta R.T. -0.00 min
 Lab File: BG028700.D
 Acq: 13 Sep 2017 16:07

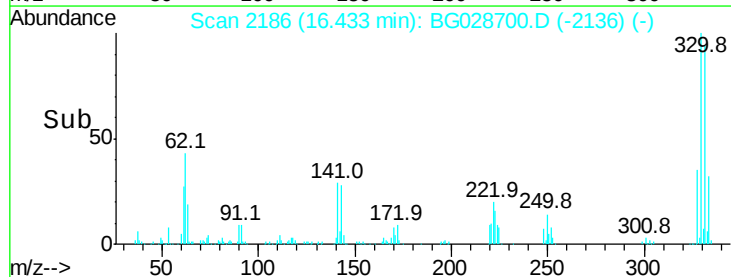
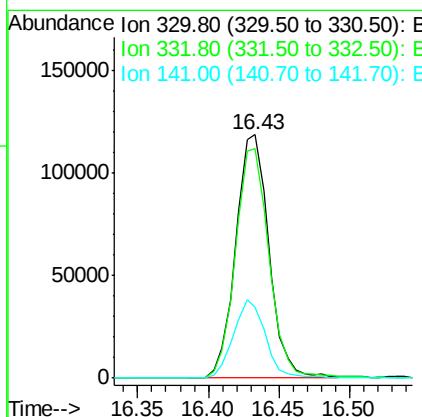
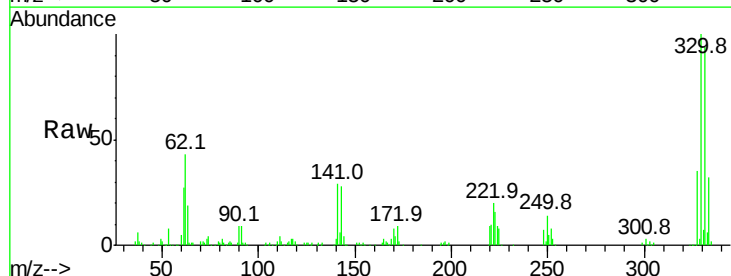
Instrument :
 BNA_G
 ClientSampleId :
 EP-26

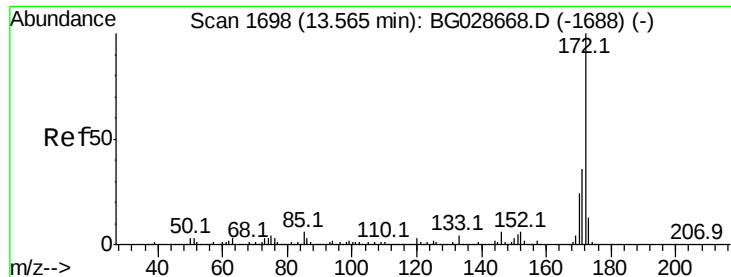
Tot Ion:164 Resp: 74910
 Ion Ratio Lower Upper
 164 100
 162 110.9 85.1 127.7
 160 50.9 34.7 52.1



#41
 2,4,6-Tribromophenol
 Concen: 157.456 ng
 RT: 16.43 min Scan# 2186
 Delta R.T. -0.00 min
 Lab File: BG028700.D
 Acq: 13 Sep 2017 16:07

Tgt Ion:330 Resp: 195082
 Ion Ratio Lower Upper
 330 100
 332 96.0 77.3 115.9
 141 31.1 32.1 48.1#

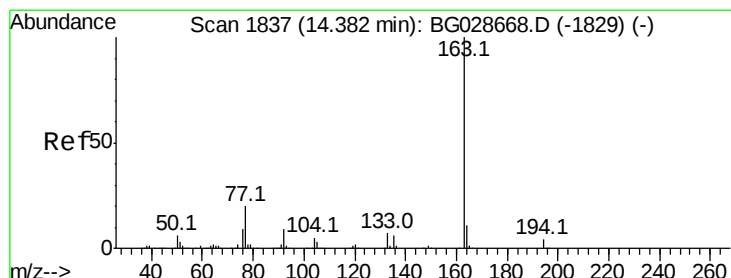
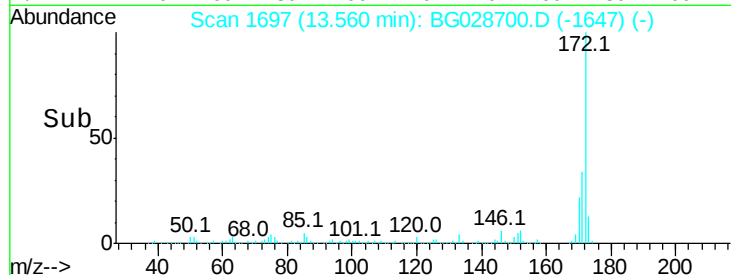
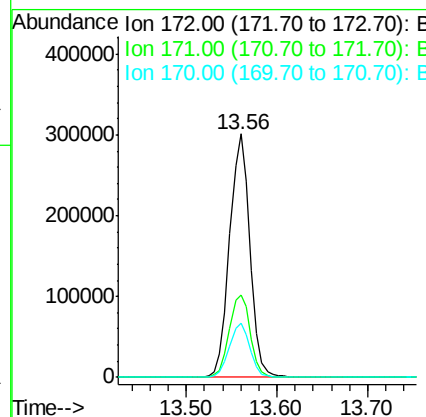
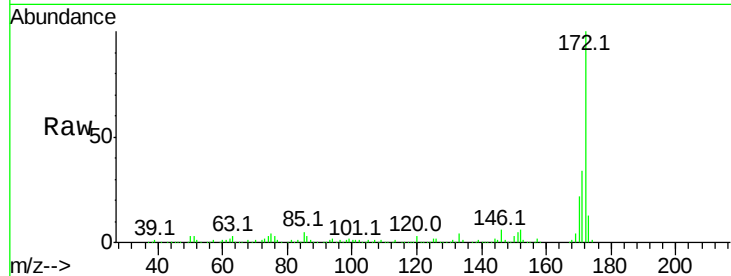




#44
2-Fluorobiphenyl
Concen: 82.969 ng
RT: 13.56 min Scan# 1697
Delta R.T. -0.00 min
Lab File: BG028700.D
Acq: 13 Sep 2017 16:07

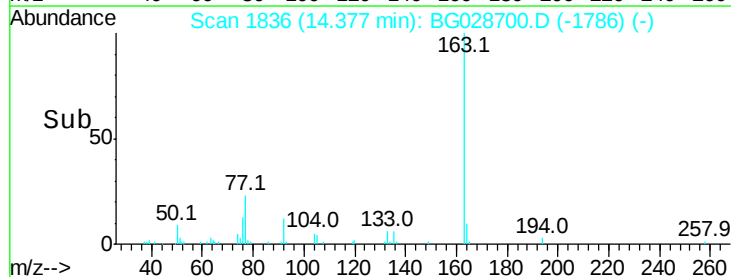
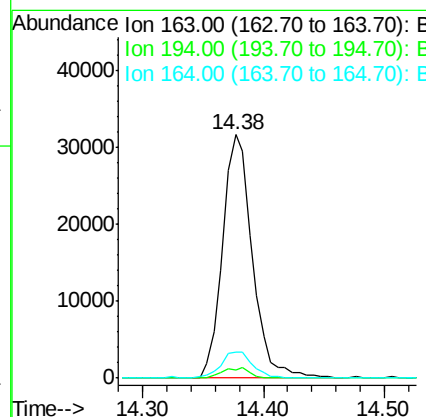
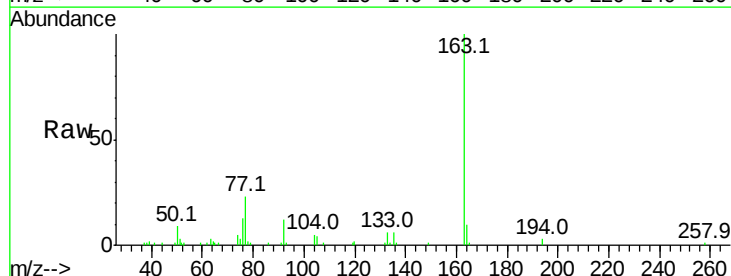
Instrument :
BNA_G
ClientSampleId :
EP-26

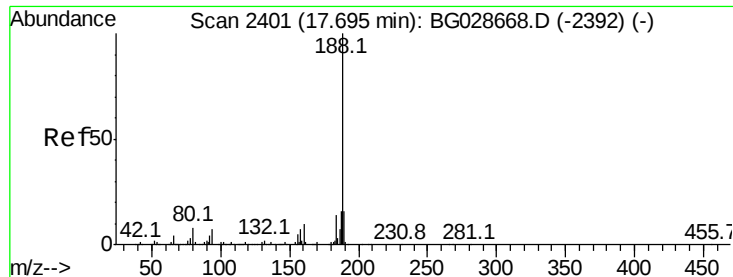
Tot Ion:172 Resp: 466110
Ion Ratio Lower Upper
172 100
171 33.7 32.2 48.2
170 22.0 21.8 32.6



#49
Dimethylphthalate
Concen: 8.530 ng
RT: 14.38 min Scan# 1836
Delta R.T. -0.00 min
Lab File: BG028700.D
Acq: 13 Sep 2017 16:07

Tgt Ion:163 Resp: 53580
Ion Ratio Lower Upper
163 100
194 3.4 3.8 5.6#
164 10.5 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: BG028700.D

Acq: 13 Sep 2017 16:07

Instrument :

BNA_G

ClientSampleId :

EP-26

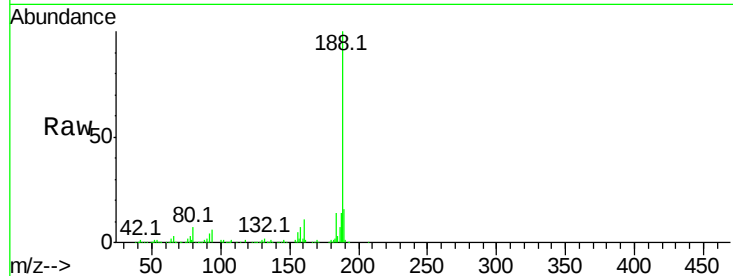
Tot Ion:188 Resp: 236465

Ion Ratio Lower Upper

188 100

94 6.2 5.8 8.8

80 6.6 7.5 11.3#

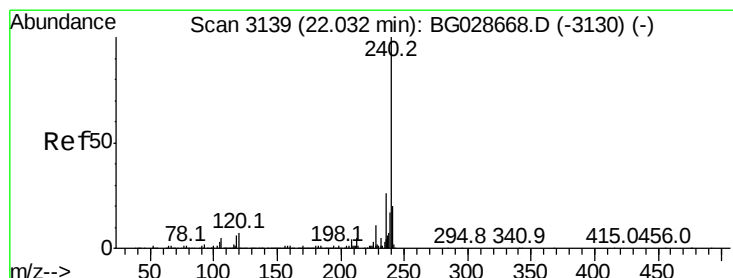
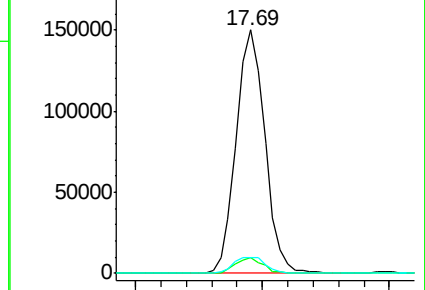
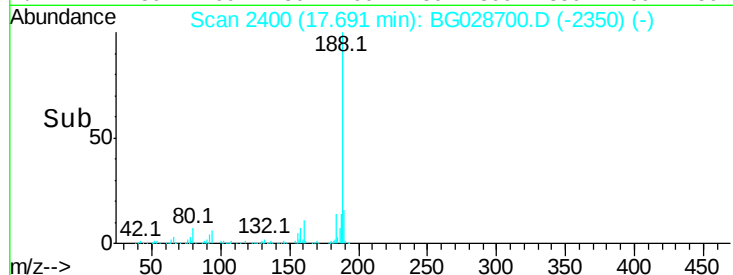


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

17.69



#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.02 min Scan# 3137

Delta R.T. -0.01 min

Lab File: BG028700.D

Acq: 13 Sep 2017 16:07

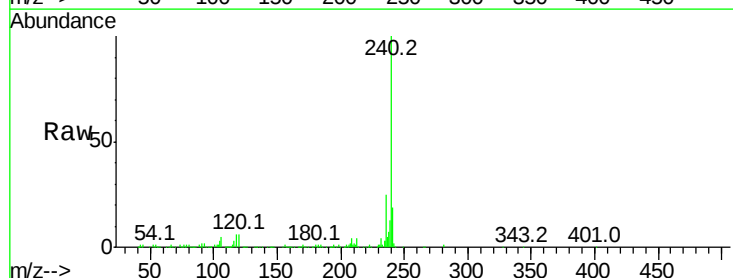
Tgt Ion:240 Resp: 277213

Ion Ratio Lower Upper

240 100

120 5.6 5.7 8.5#

236 24.7 22.2 33.4

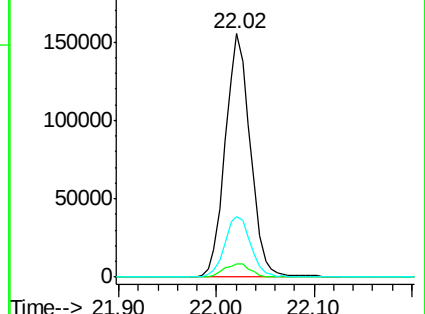
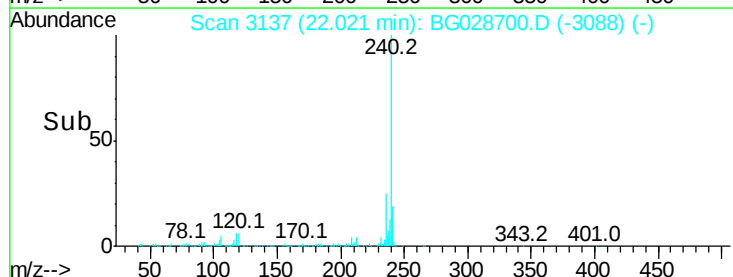


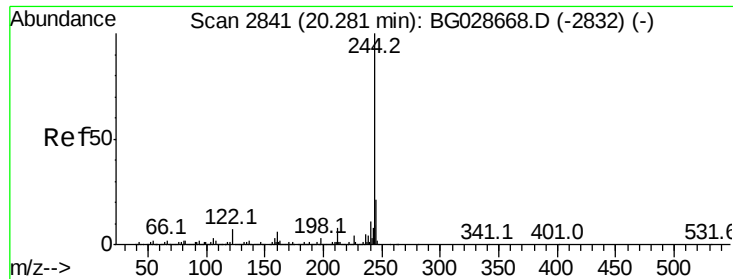
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

22.02





#78

Terphenyl-d14

Concen: 75.891 ng

RT: 20.28 min Scan# 2840

Delta R.T. -0.00 min

Lab File: BG028700.D

Acq: 13 Sep 2017 16:07

Instrument :

BNA_G

ClientSampled :

EP-26

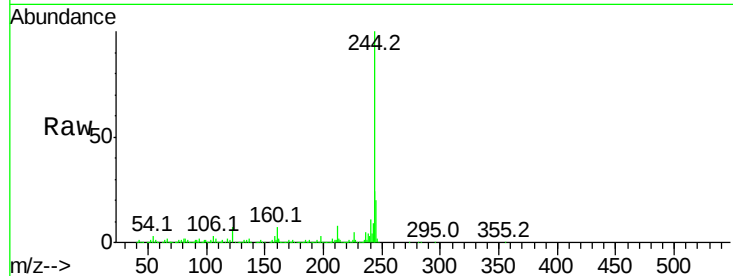
Tot Ion:244 Resp: 986513

Ion Ratio Lower Upper

244 100

212 7.7 10.0 15.0#

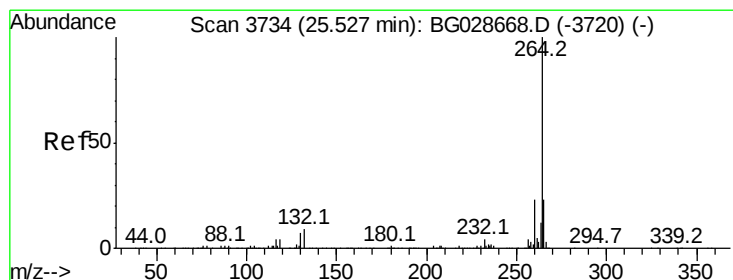
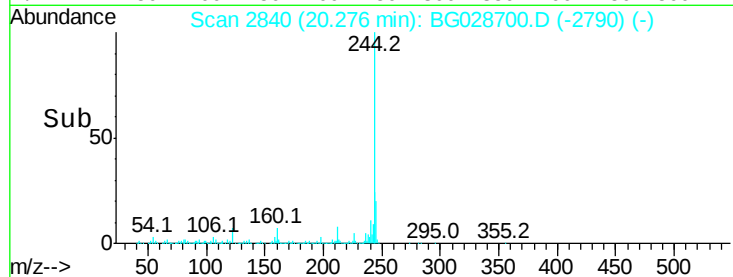
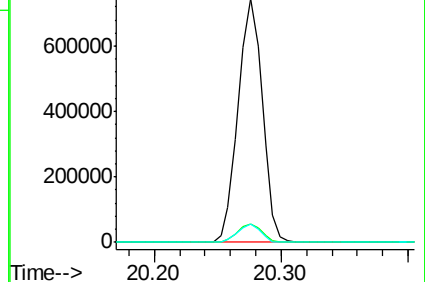
122 7.5 8.6 12.8#



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# 3733

Delta R.T. -0.00 min

Lab File: BG028700.D

Acq: 13 Sep 2017 16:07

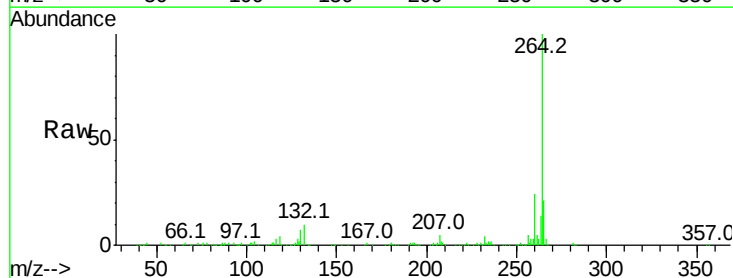
Tgt Ion:264 Resp: 286303

Ion Ratio Lower Upper

264 100

260 24.1 21.8 32.8

265 20.7 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

