

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071016\
 Data File : BG022996.D
 Acq On : 10 Jul 2016 12:08
 Operator : UM/SJ
 Sample : H3876-04RE
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 2-B-LOCATION-2-15-20FTRE

Quant Time: Jul 11 02:36:45 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

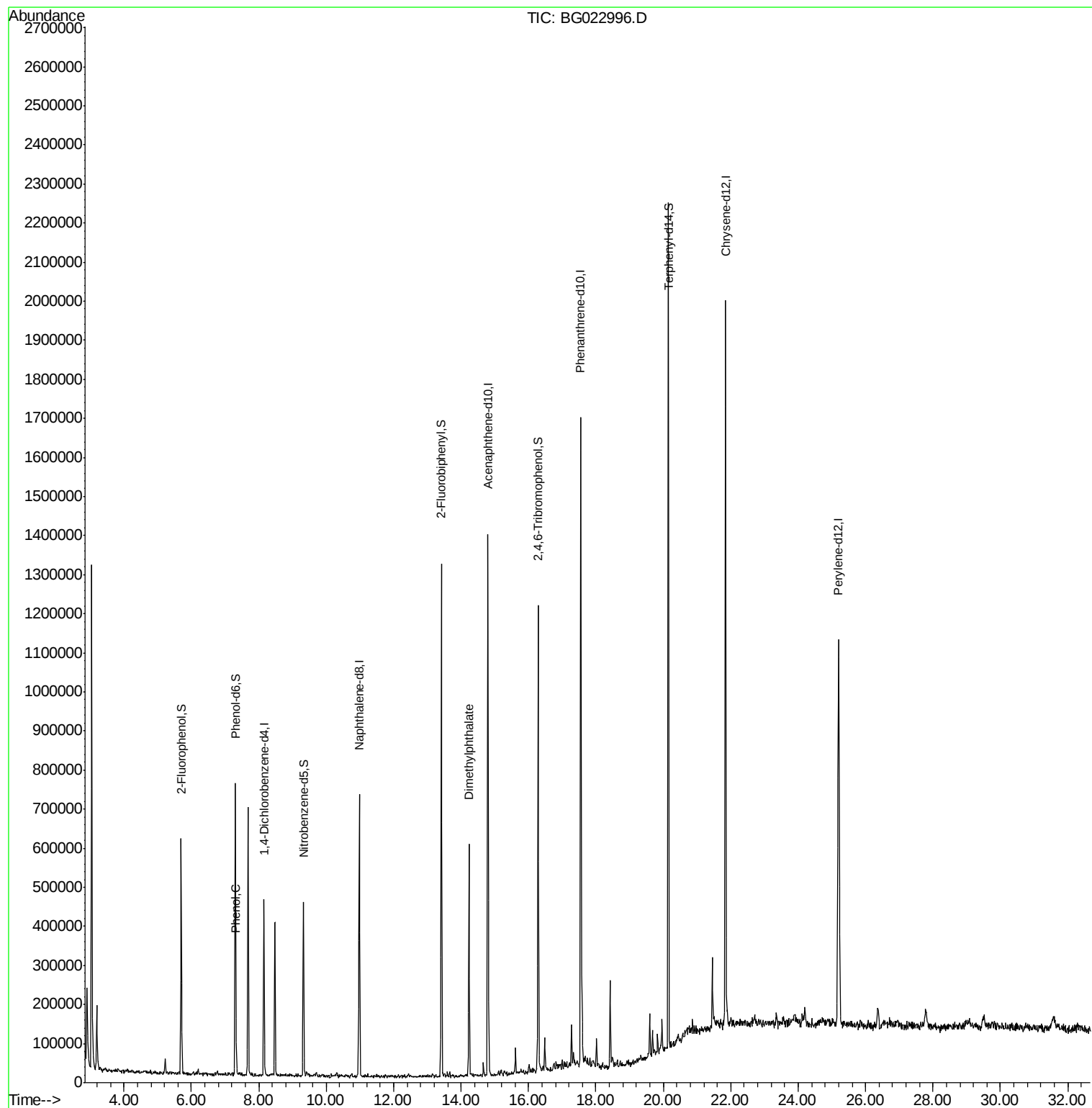
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	119160	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	600978	20.00	ng	0.00
38) Acenaphthene-d10	14.79	164	465279	20.00	ng	0.00
63) Phenanthrene-d10	17.55	188	1028448	20.00	ng	0.00
75) Chrysene-d12	21.84	240	1096157	20.00	ng	0.00
86) Perylene-d12	25.20	264	1113860	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	248382	34.09	ng	0.00
7) Phenol-d6	7.30	99	425004	37.24	ng	0.00
23) Nitrobenzene-d5	9.32	82	295861	21.08	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	220244	26.34	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	654798	22.17	ng	0.00
78) Terphenyl-d14	20.15	244	930198	17.33	ng	0.00
Target Compounds						
10) Phenol	7.33	94	25830	2.20	ng	Qvalue 86
49) Dimethylphthalate	14.24	163	377172	9.92	ng	# 98

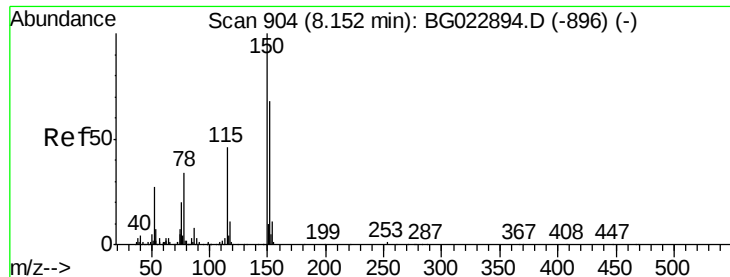
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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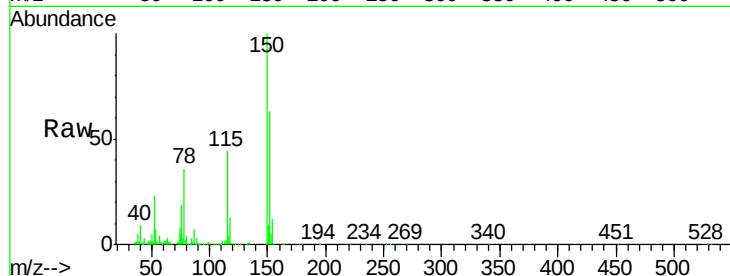


#1

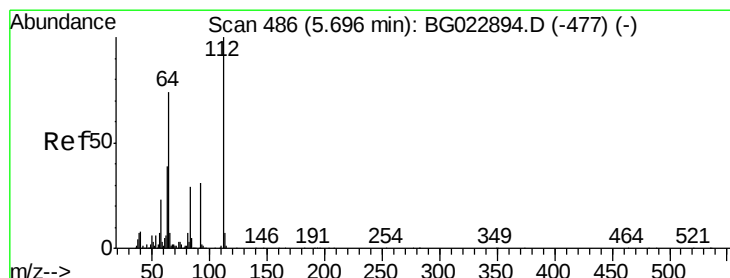
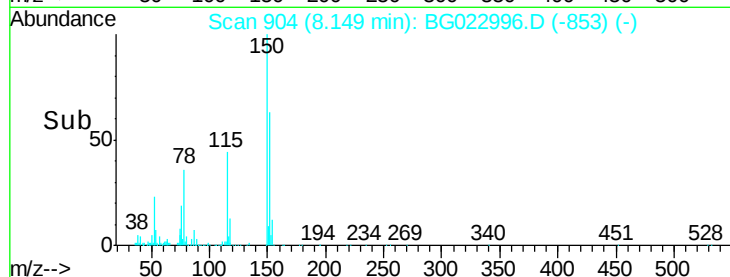
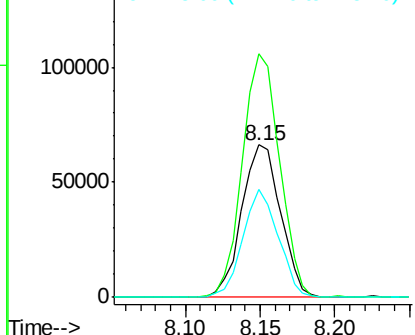
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.15 min Scan# 904
Delta R.T. -0.00 min
Lab File: BG022996.D
Acq: 10 Jul 2016 12:08

Instrument :
BNA_G
ClientSampleId :
2-B-LOCATION-2-15-20FTRE

Tgt Ion:152 Resp: 119160
Ion Ratio Lower Upper
152 100
150 159.6 144.7 217.1
115 70.7 64.0 96.0



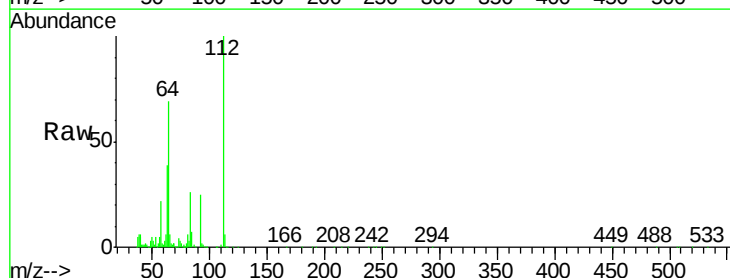
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



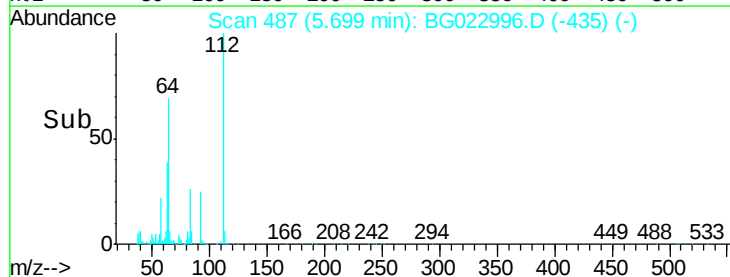
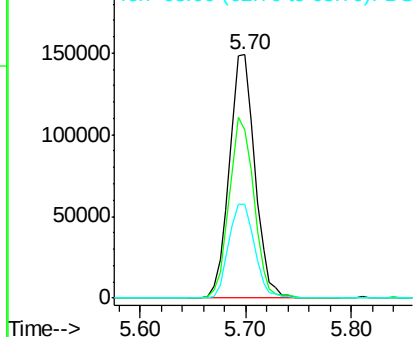
#5

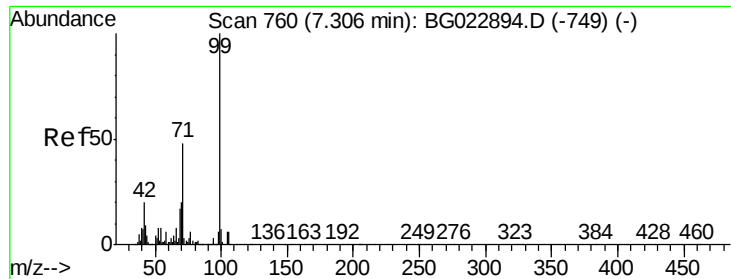
2-Fluorophenol
Concen: 34.09 ng
RT: 5.70 min Scan# 487
Delta R.T. 0.00 min
Lab File: BG022996.D
Acq: 10 Jul 2016 12:08

Tgt Ion:112 Resp: 248382
Ion Ratio Lower Upper
112 100
64 69.3 59.0 88.4
63 38.7 37.8 56.8



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: 37.24 ng

RT: 7.30 min Scan# 760

Delta R.T. -0.00 min

Lab File: BG022996.D

Acq: 10 Jul 2016 12:08

Instrument :

BNA_G

ClientSampleId :

2-B-LOCATION-2-15-20FTRE

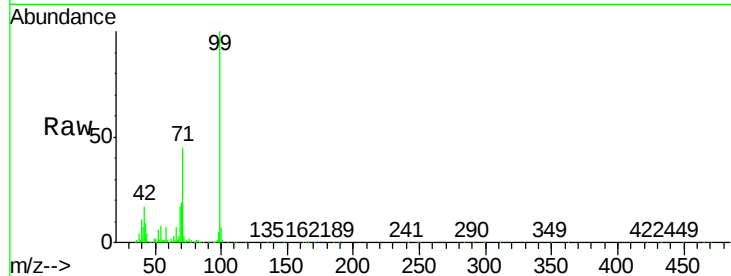
Tgt Ion: 99 Resp: 425004

Ion Ratio Lower Upper

99 100

42 17.2 17.8 26.6#

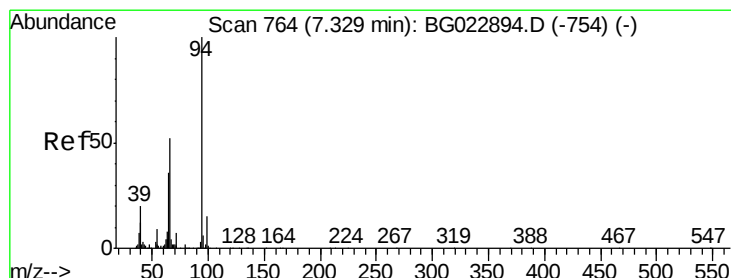
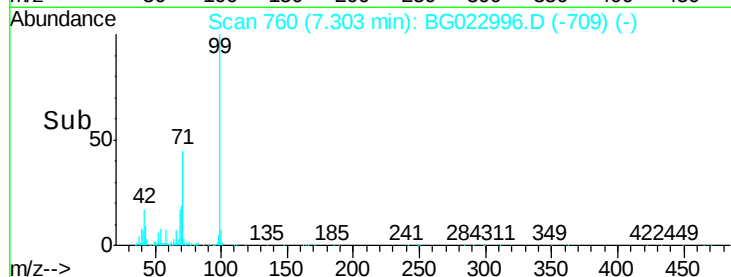
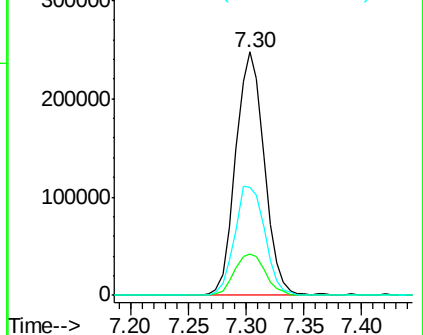
71 44.5 41.5 62.3



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



#10

Phenol

Concen: 2.20 ng

RT: 7.33 min Scan# 764

Delta R.T. -0.00 min

Lab File: BG022996.D

Acq: 10 Jul 2016 12:08

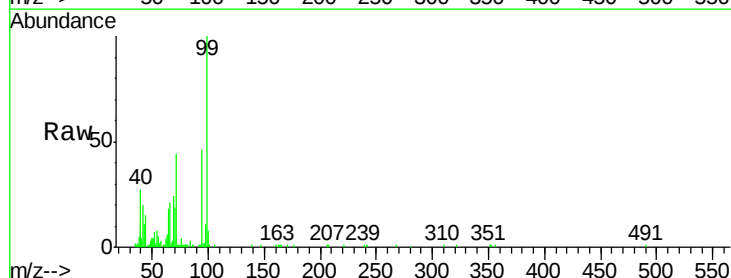
Tgt Ion: 94 Resp: 25830

Ion Ratio Lower Upper

94 100

65 38.7 18.1 58.1

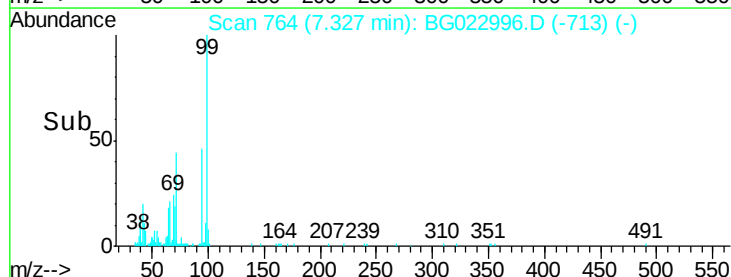
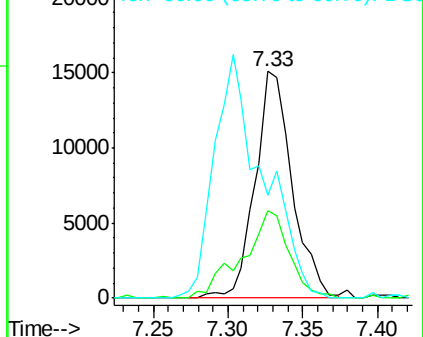
66 45.4 42.1 82.1

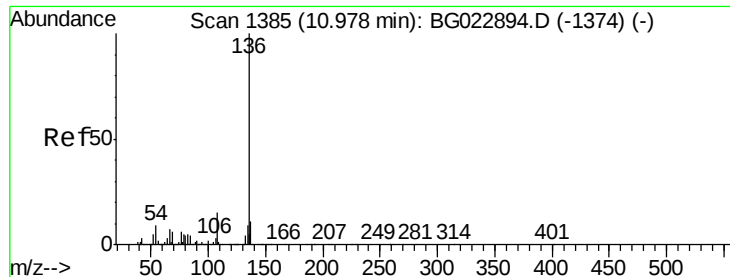


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

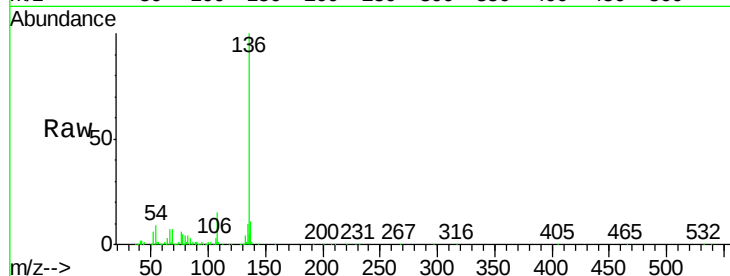




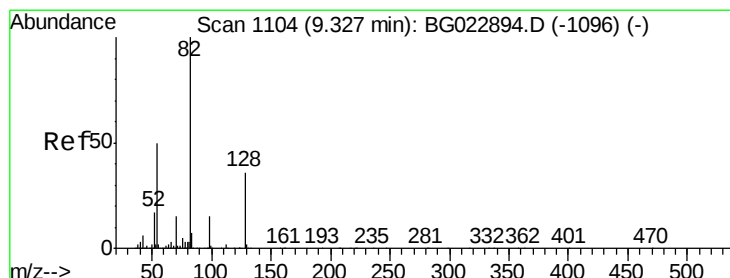
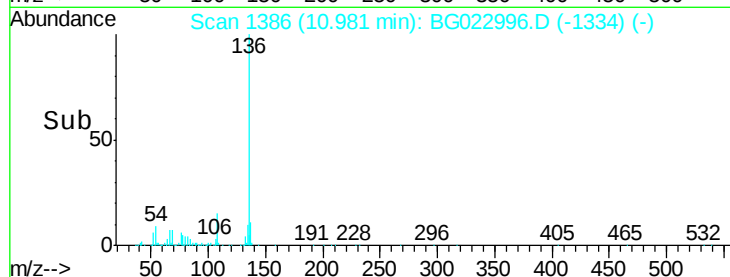
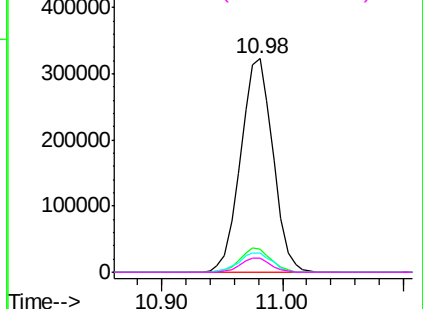
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.98 min Scan# 1386
Delta R.T. 0.00 min
Lab File: BG022996.D
Acq: 10 Jul 2016 12:08

Instrument :
BNA_G
ClientSampleId :
2-B-LOCATION-2-15-20FTRE

Tgt Ion:	136	Resp:	600978
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.6	14.4
54	8.8	7.3	10.9
68	6.6	5.3	7.9

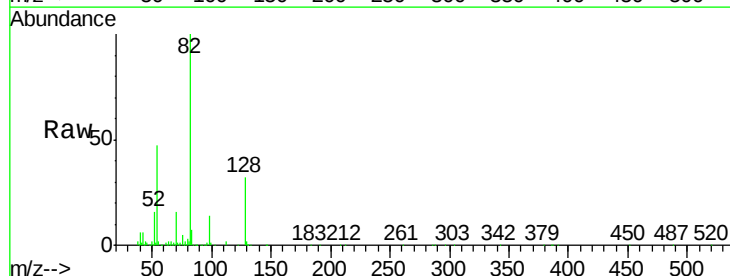


Abundance Ion 136.00 (135.70 to 136.70): B
Ion 137.00 (136.70 to 137.70): B
Ion 54.00 (53.70 to 54.70): B
Ion 68.00 (67.70 to 68.70): B

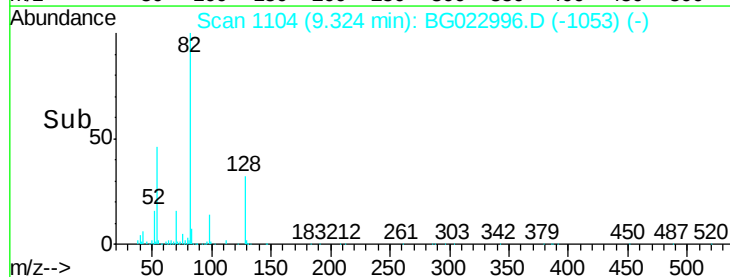
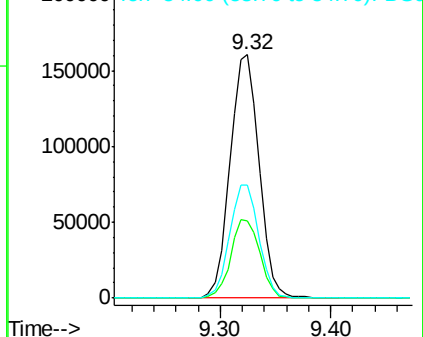


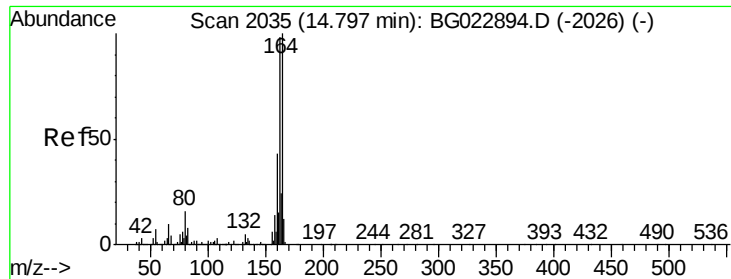
#23
Nitrobenzene-d5
Concen: 21.08 ng
RT: 9.32 min Scan# 1104
Delta R.T. -0.00 min
Lab File: BG022996.D
Acq: 10 Jul 2016 12:08

Tgt Ion:	82	Resp:	295861
Ion	Ratio	Lower	Upper
82	100		
128	31.7	24.4	36.6
54	46.6	41.4	62.0



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

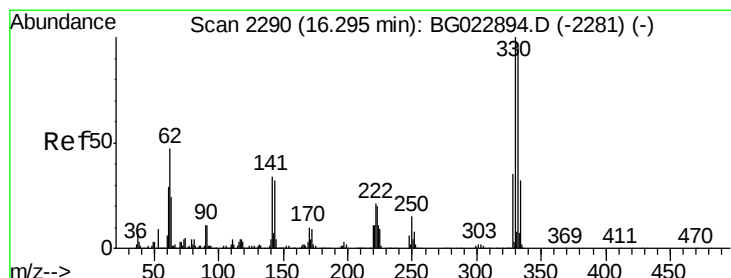
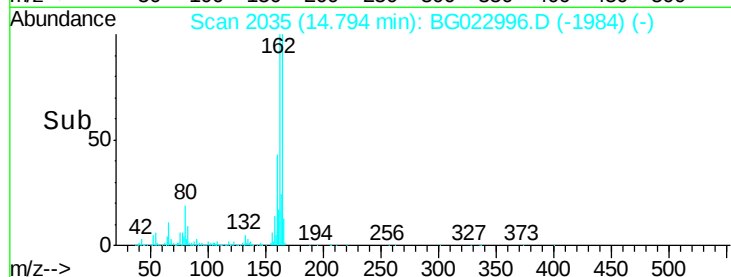
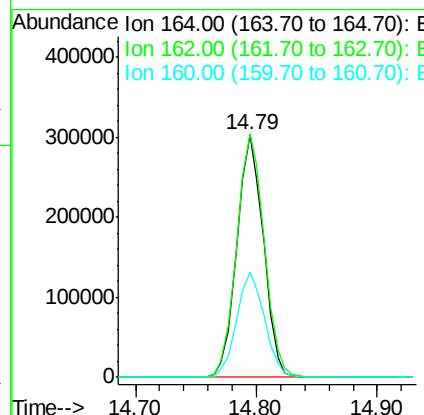
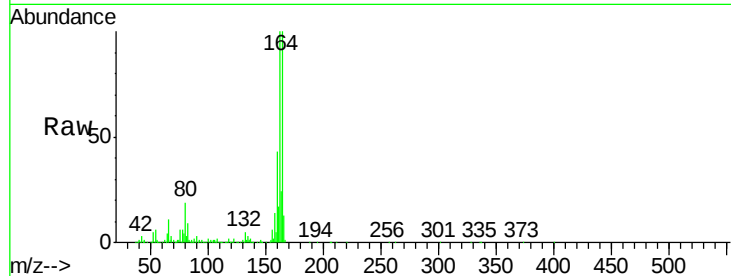




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.79 min Scan# 2035
Delta R.T. -0.00 min
Lab File: BG022996.D
Acq: 10 Jul 2016 12:08

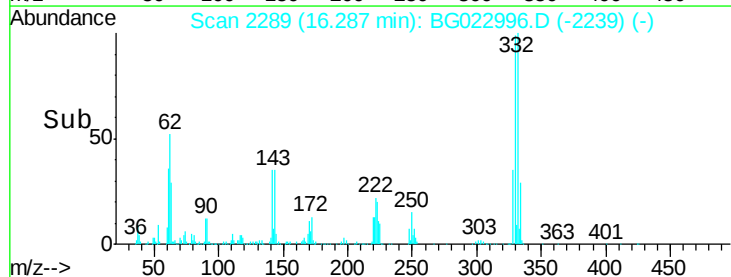
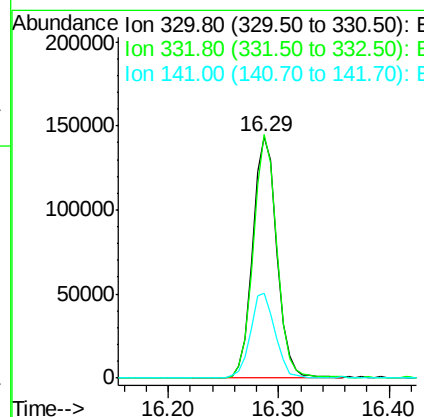
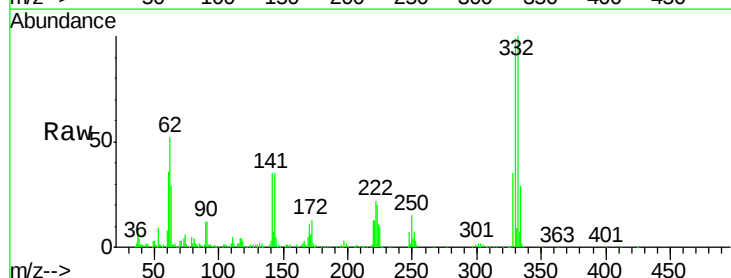
Instrument :
BNA_G
ClientSampleId :
2-B-LOCATION-2-15-20FTRE

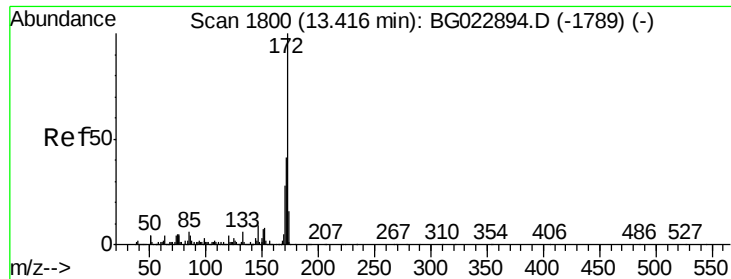
Tgt Ion:164 Resp: 465279
Ion Ratio Lower Upper
164 100
162 100.5 87.7 131.5
160 43.3 37.2 55.8



#41
2,4,6-Tribromophenol
Concen: 26.34 ng
RT: 16.29 min Scan# 2289
Delta R.T. -0.01 min
Lab File: BG022996.D
Acq: 10 Jul 2016 12:08

Tgt Ion:330 Resp: 220244
Ion Ratio Lower Upper
330 100
332 98.7 77.4 116.2
141 36.0 31.7 47.5





#44

2-Fluorobiphenyl

Concen: 22.17 ng

RT: 13.41 min Scan# 1800

Delta R.T. -0.00 min

Lab File: BG022996.D

Acq: 10 Jul 2016 12:08

Instrument :

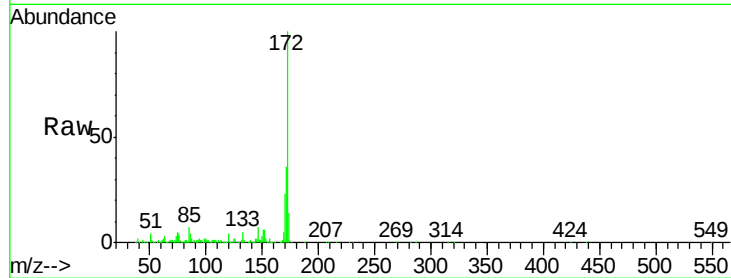
BNA_G

ClientSampleId :

2-B-LOCATION-2-15-20FTRE

Tgt Ion:172 Resp: 654798

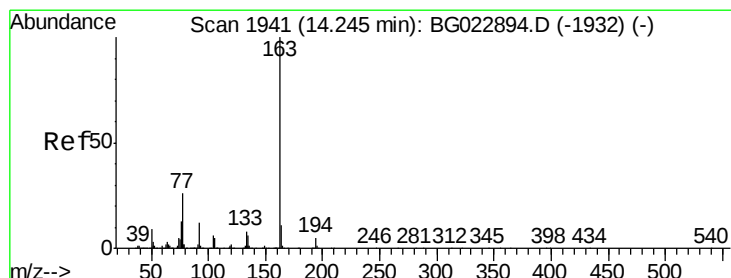
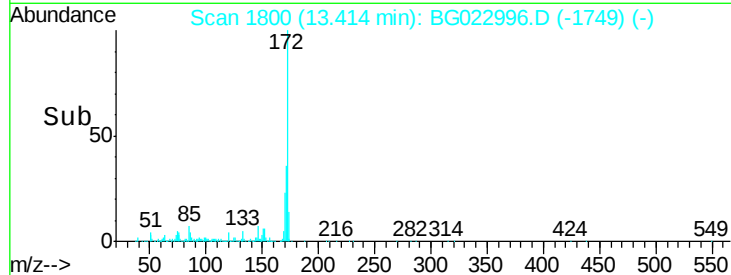
Ion	Ratio	Lower	Upper
172	100		
171	36.3	31.6	47.4
170	22.6	21.3	31.9



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: 9.92 ng

RT: 14.24 min Scan# 1940

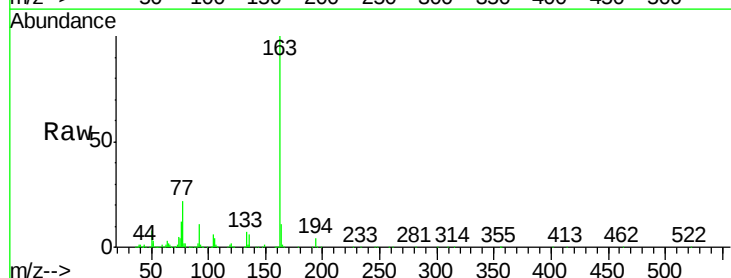
Delta R.T. -0.01 min

Lab File: BG022996.D

Acq: 10 Jul 2016 12:08

Tgt Ion:163 Resp: 377172

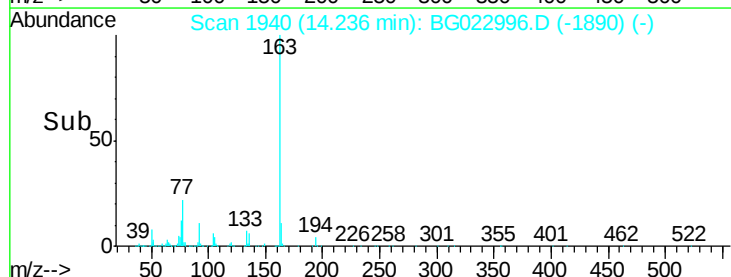
Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.6	5.4#
164	10.9	8.1	12.1

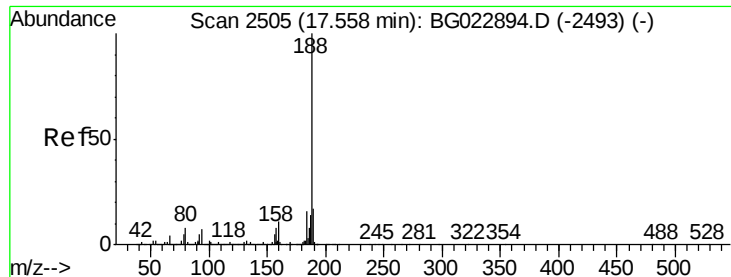


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

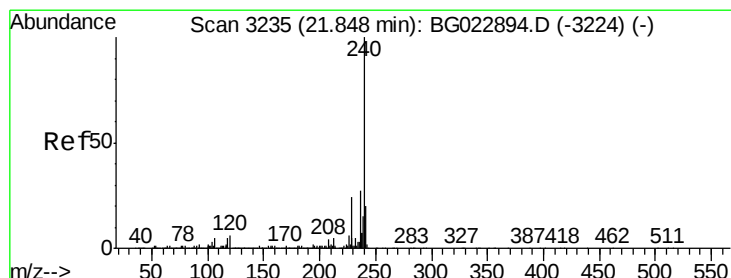
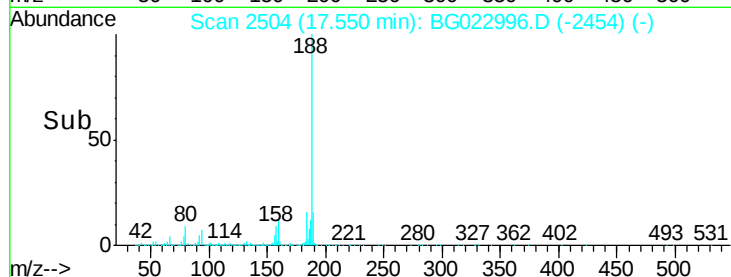
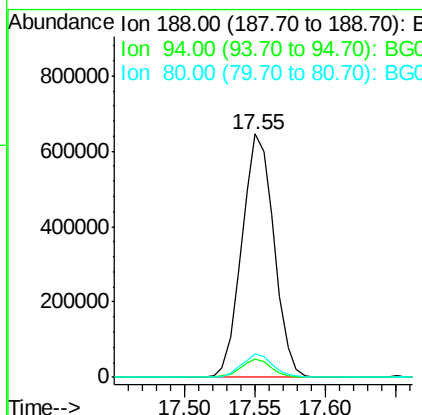
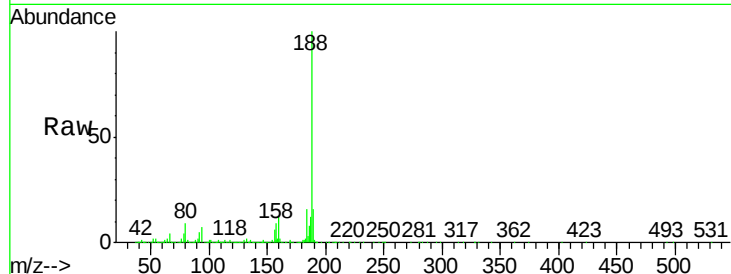




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.55 min Scan# 2504
Delta R.T. -0.01 min
Lab File: BG022996.D
Acq: 10 Jul 2016 12:08

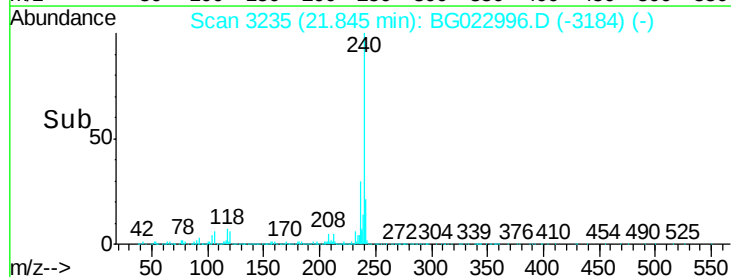
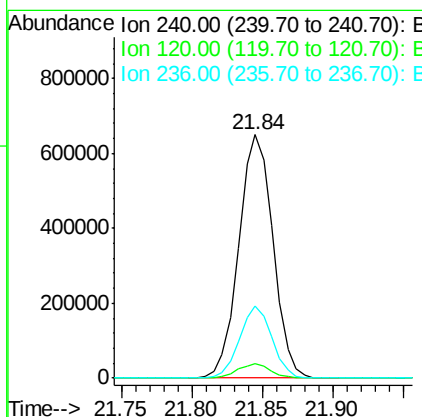
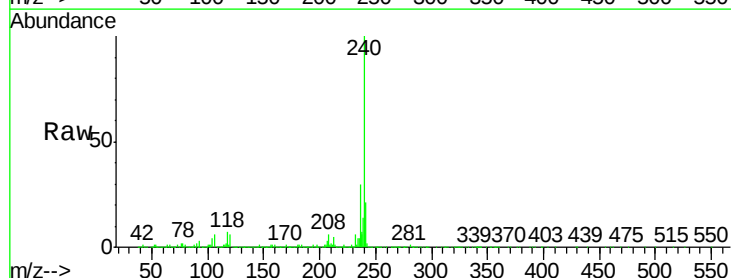
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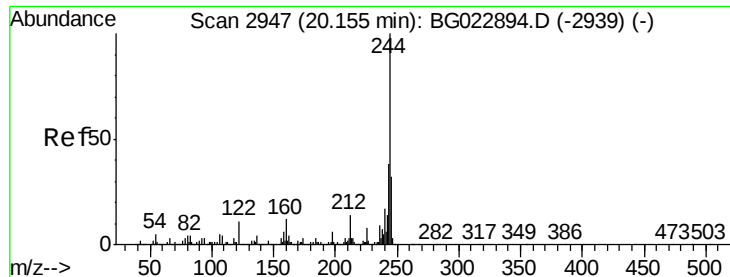
Tgt Ion:188 Resp: 1028448
Ion Ratio Lower Upper
188 100
94 7.4 5.2 7.8
80 9.4 7.2 10.8



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.84 min Scan# 3235
Delta R.T. -0.00 min
Lab File: BG022996.D
Acq: 10 Jul 2016 12:08

Tgt Ion:240 Resp: 1096157
Ion Ratio Lower Upper
240 100
120 6.0 4.1 6.1
236 29.6 21.1 31.7





#78

Terphenyl-d14

Concen: 17.33 ng

RT: 20.15 min Scan# 2947

Delta R.T. -0.00 min

Lab File: BG022996.D

Acq: 10 Jul 2016 12:08

Instrument :

BNA_G

ClientSampleId :

2-B-LOCATION-2-15-20FTRE

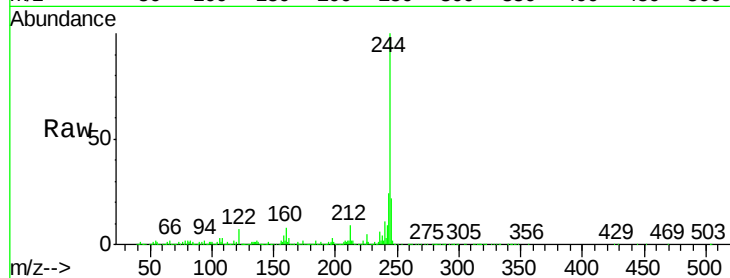
Tgt Ion:244 Resp: 930198

Ion Ratio Lower Upper

244 100

212 8.9 10.8 16.2#

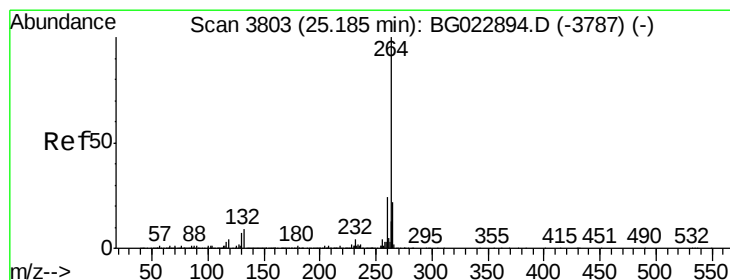
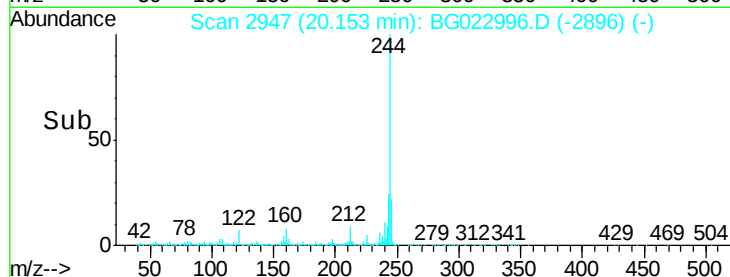
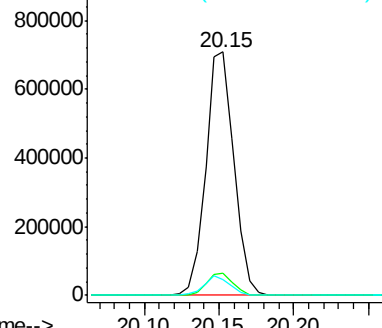
122 6.6 8.0 12.0#



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: 25.20 min Scan# 3806

Delta R.T. 0.02 min

Lab File: BG022996.D

Acq: 10 Jul 2016 12:08

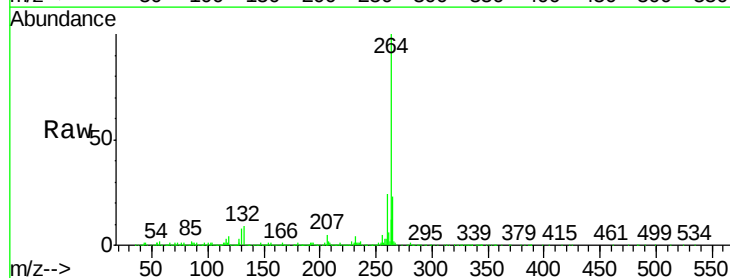
Tgt Ion:264 Resp: 1113860

Ion Ratio Lower Upper

264 100

260 24.5 18.4 27.6

265 22.7 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

