

Data Path : Z:\HPCHEM1\BNA G\DATA\BG070317\
 Data File : BG027832.D
 Acq On : 3 Jul 2017 14:56
 Operator : SJ/JU
 Sample : I3979-10RE
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jul 04 05:46:24 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG062817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 28 19:26:37 2017
 Response via : Initial Calibration

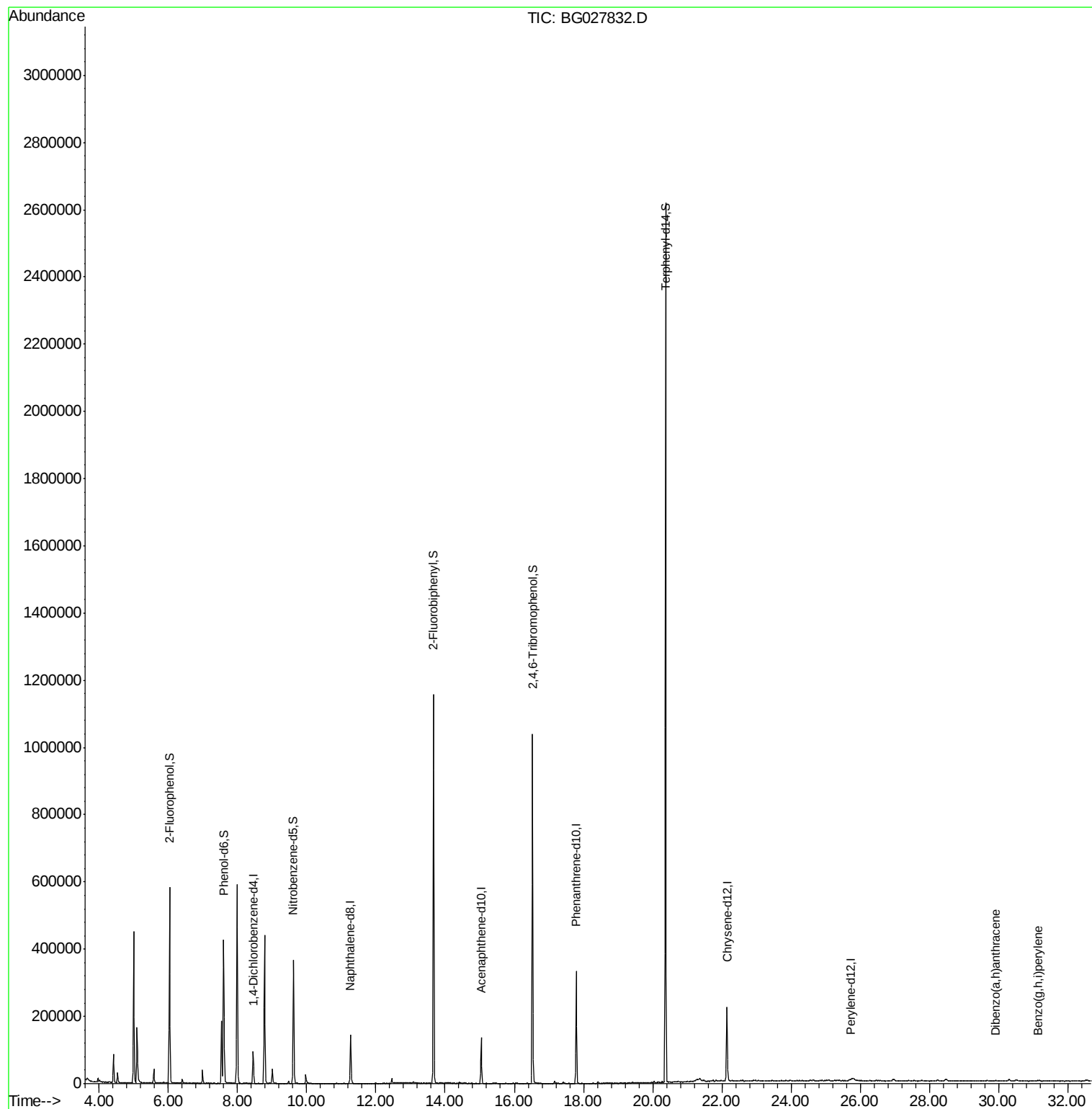
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.45	152	28068	20.00	ng	-0.02
21) Naphthalene-d8	11.27	136	133756	20.00	ng	-0.02
38) Acenaphthene-d10	15.04	164	40177	20.00	ng	-0.02
63) Phenanthrene-d10	17.79	188	197415	20.00	ng	-0.02
75) Chrysene-d12	22.14	240	104646	20.00	ng	-0.03
86) Perylene-d12	25.73	264	2070	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	6.03	112	255507	140.18	ng	-0.02
7) Phenol-d6	7.60	99	225007	80.81	ng	-0.02
23) Nitrobenzene-d5	9.62	82	225954	94.16	ng	-0.02
41) 2,4,6-Tribromophenol	16.53	330	219626	398.54	ng	-0.02
44) 2-Fluorobiphenyl	13.67	172	605480	215.23	ng	-0.02
78) Terphenyl-d14	20.37	244	1081807	242.36	ng	-0.02
Target Compounds						
90) Dibenzo(a,h)anthracene	29.91	278	686	5.41	ng	# 58
91) Benzo(g,h,i)perylene	31.13	276	1023	8.40	ng	# 55

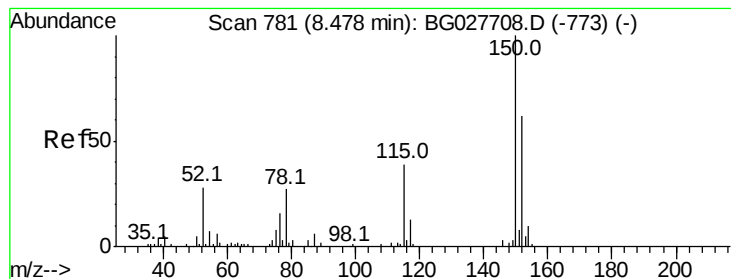
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.45 min Scan# 828

Delta R.T. -0.02 min

Lab File: BG027832.D

Acq: 3 Jul 2017 14:56

Instrument :

BNA_G

ClientSampleId :

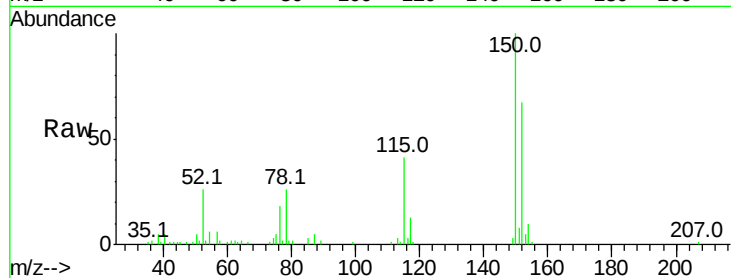
Tot Ion:152 Resp: 28068

Ion Ratio Lower Upper

152 100

150 149.8 114.0 171.0

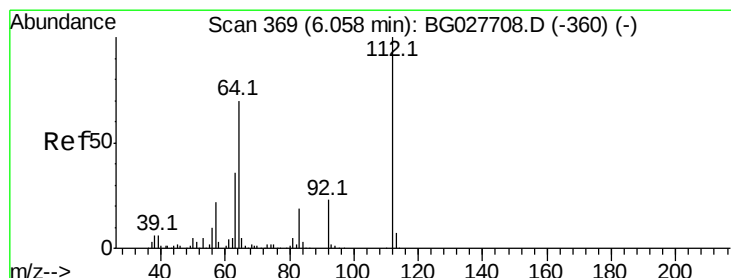
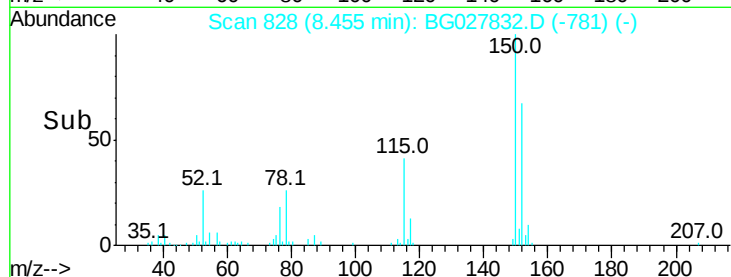
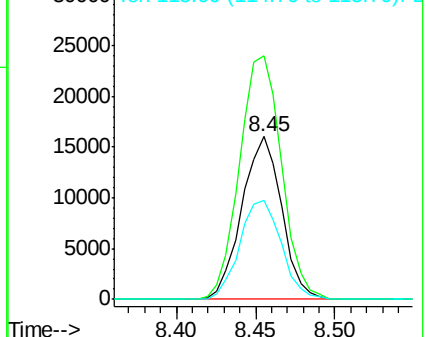
115 61.1 48.1 72.1



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: 140.18 ng

RT: 6.03 min Scan# 416

Delta R.T. -0.02 min

Lab File: BG027832.D

Acq: 3 Jul 2017 14:56

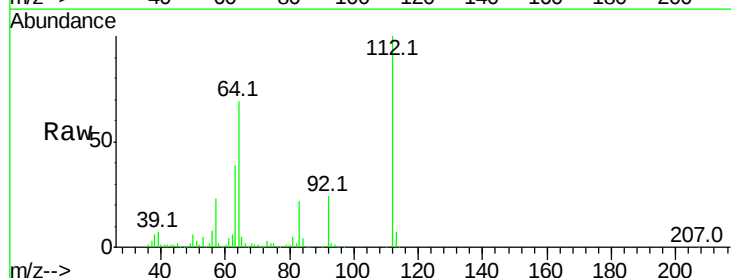
Tgt Ion:112 Resp: 255507

Ion Ratio Lower Upper

112 100

64 69.2 61.8 92.6

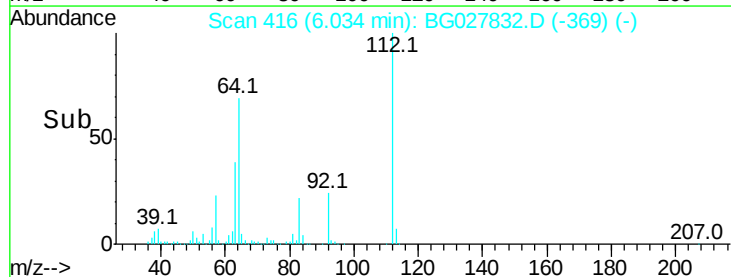
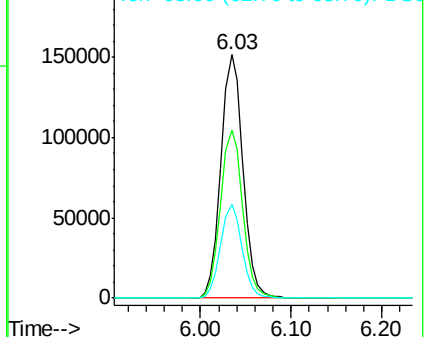
63 38.6 37.2 55.8

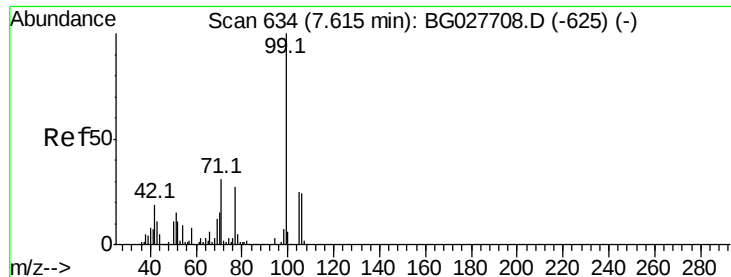


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 80.81 ng

RT: 7.60 min Scan# 682

Delta R.T. -0.02 min

Lab File: BG027832.D

Acq: 3 Jul 2017 14:56

Instrument :

BNA_G

ClientSampleId :

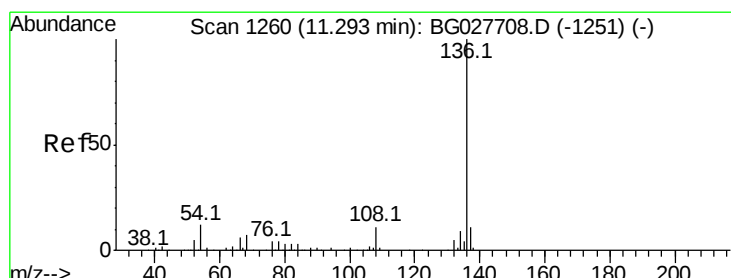
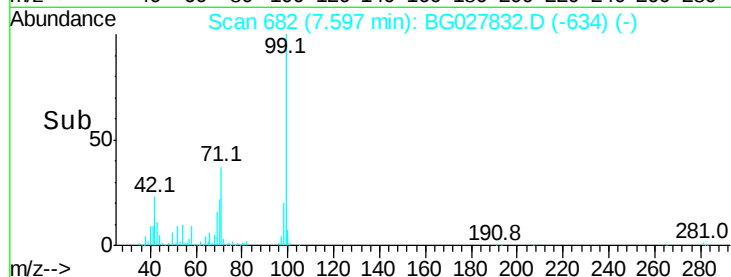
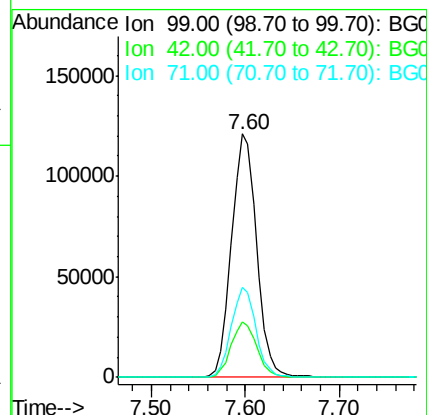
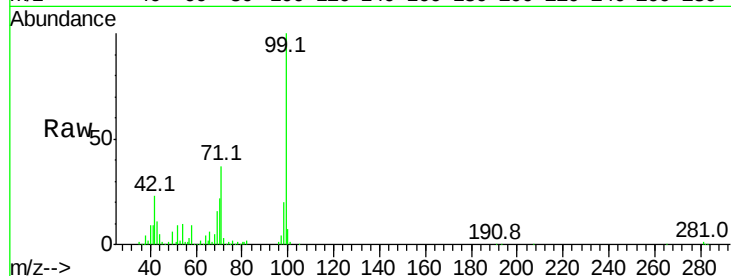
Tot Ion: 99 Resp: 225007

Ion Ratio Lower Upper

99 100

42 22.7 20.5 30.7

71 36.9 37.6 56.4#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.27 min Scan# 1307

Delta R.T. -0.02 min

Lab File: BG027832.D

Acq: 3 Jul 2017 14:56

Tgt Ion: 136 Resp: 133756

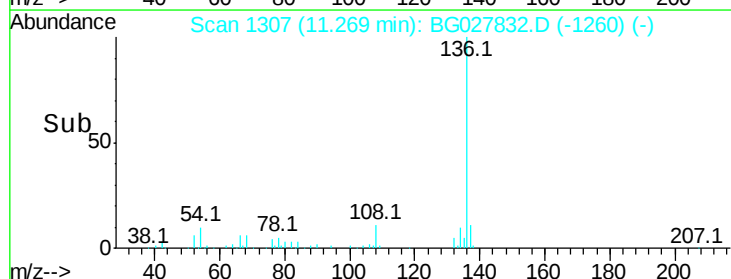
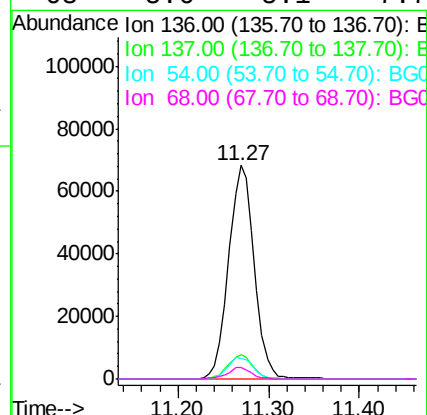
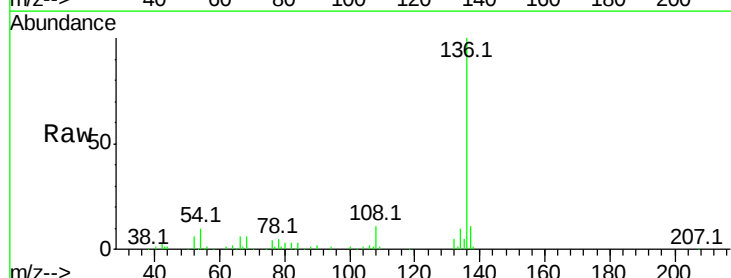
Ion Ratio Lower Upper

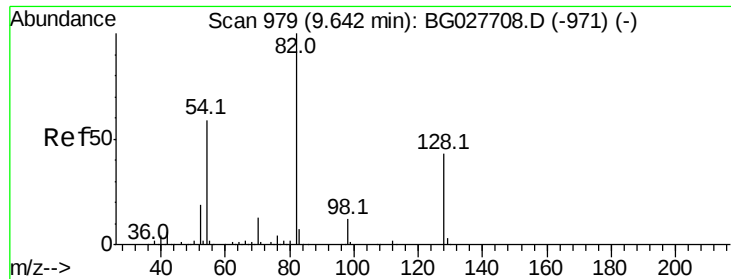
136 100

137 11.3 8.9 13.3

54 9.8 9.3 13.9

68 5.6 5.1 7.7

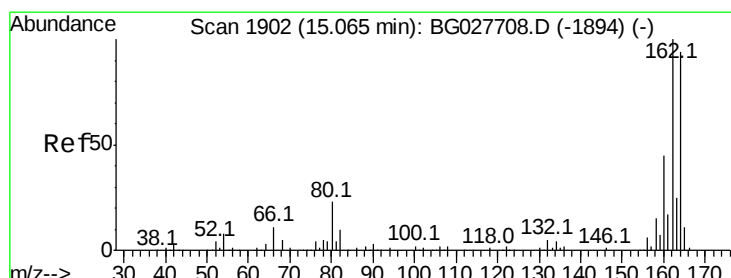
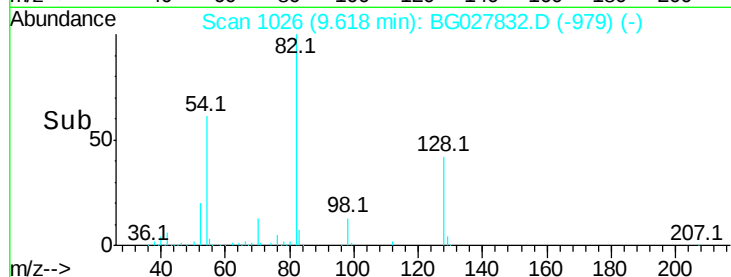
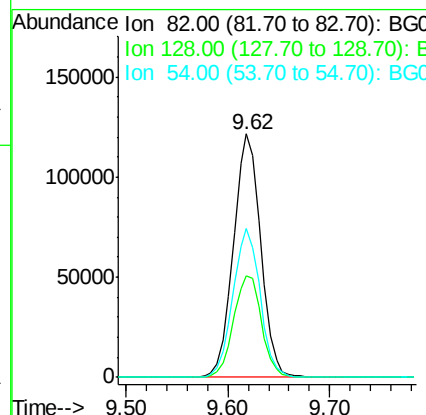
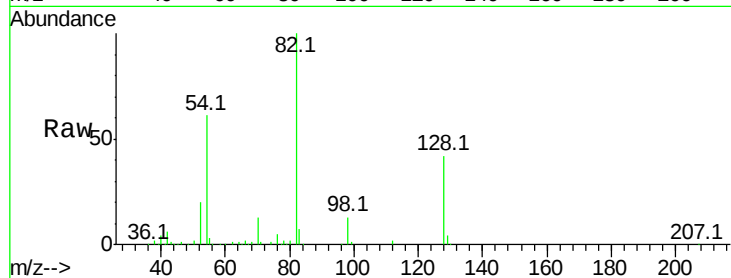




#23
Nitrobenzene-d5
Concen: 94.16 ng
RT: 9.62 min Scan# 1026
Delta R.T. -0.02 min
Lab File: BG027832.D
Acq: 3 Jul 2017 14:56

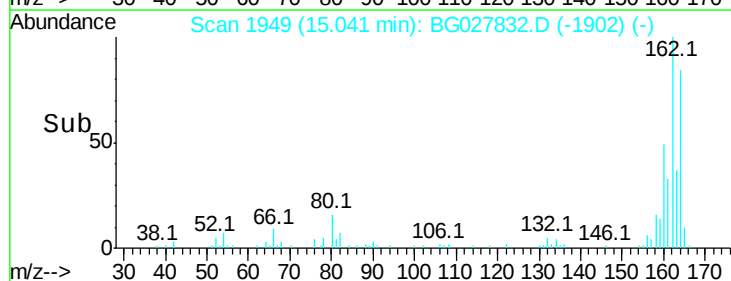
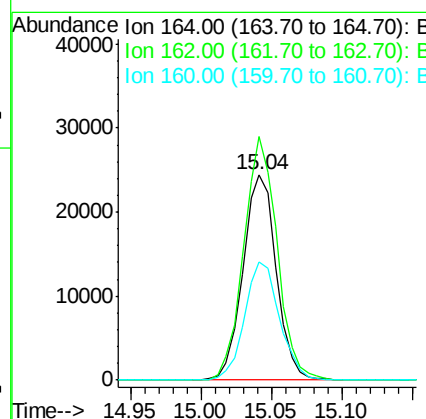
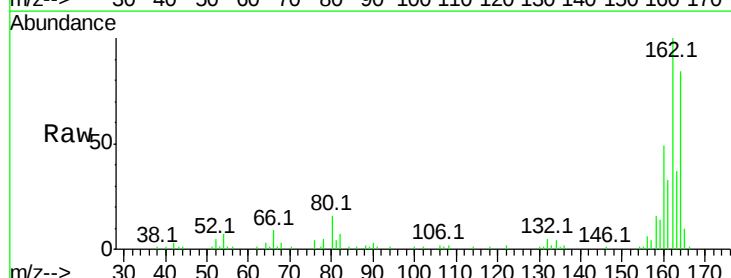
Instrument :
BNA_G
ClientSampleId :

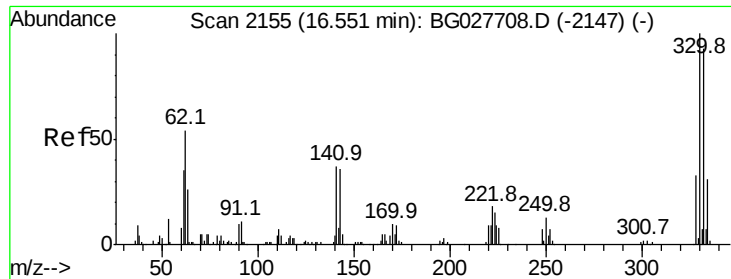
Tot Ion: 82 Resp: 225954
Ion Ratio Lower Upper
82 100
128 41.8 26.4 39.6#
54 60.9 49.4 74.2



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.04 min Scan# 1949
Delta R.T. -0.02 min
Lab File: BG027832.D
Acq: 3 Jul 2017 14:56

Tgt Ion:164 Resp: 40177
Ion Ratio Lower Upper
164 100
162 118.5 85.1 127.7
160 57.8 34.7 52.1#

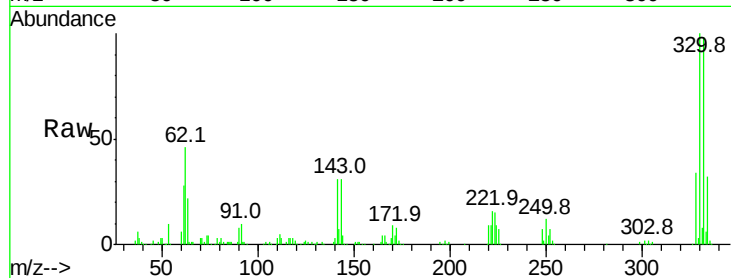




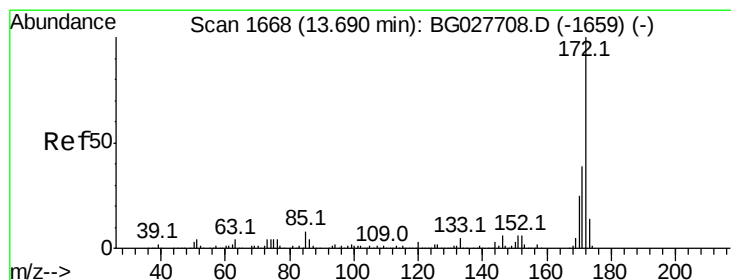
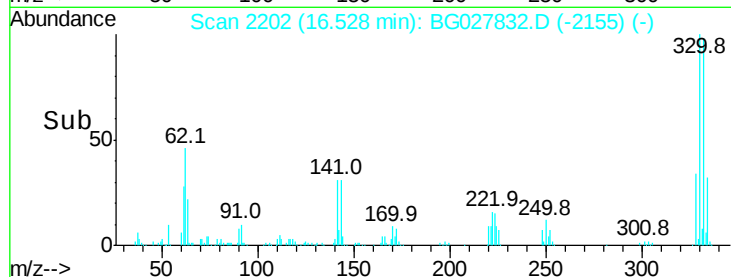
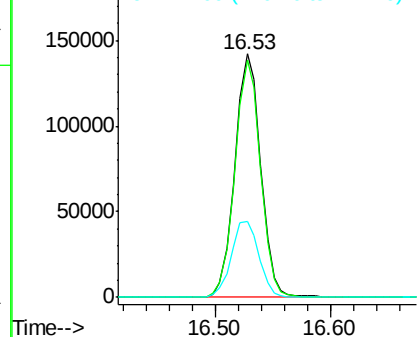
#41
 2,4,6-Tribromophenol
 Concen: 398.54 ng
 RT: 16.53 min Scan# 2202
 Delta R.T. -0.02 min
 Lab File: BG027832.D
 Acq: 3 Jul 2017 14:56

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.3	115.9
141	33.4	32.1	48.1

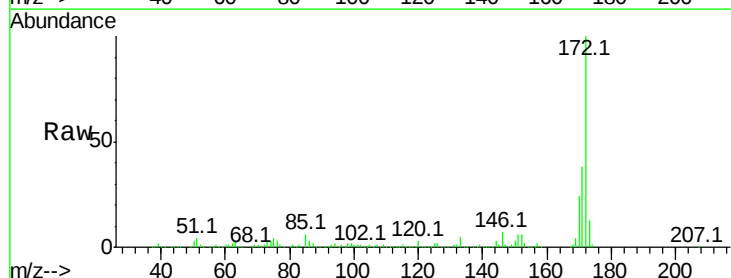


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

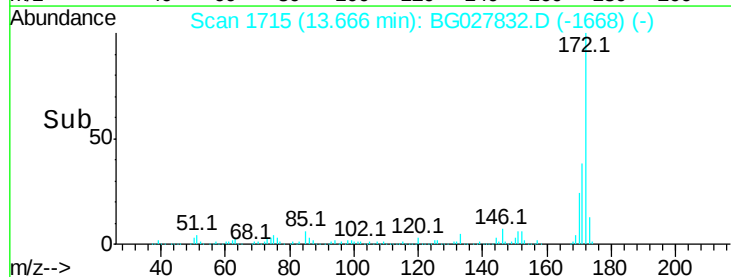
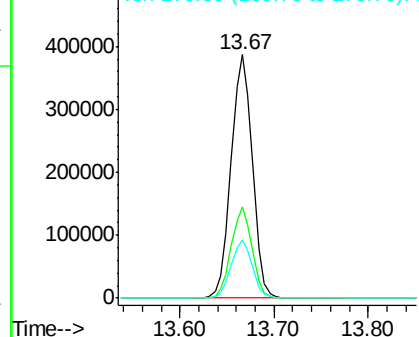


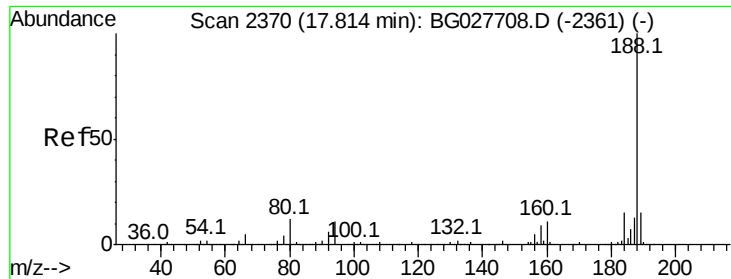
#44
 2-Fluorobiphenyl
 Concen: 215.23 ng
 RT: 13.67 min Scan# 1715
 Delta R.T. -0.02 min
 Lab File: BG027832.D
 Acq: 3 Jul 2017 14:56

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.5	32.2	48.2
170	23.8	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

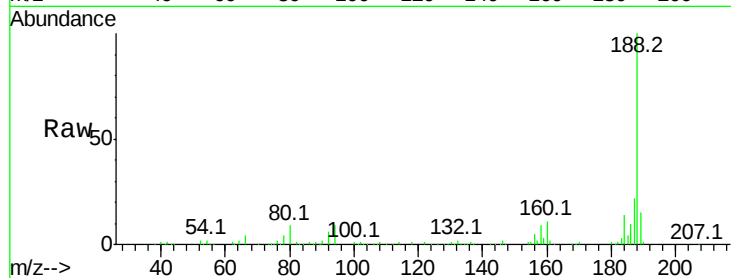




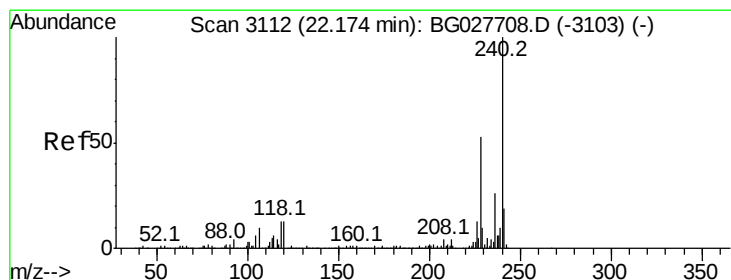
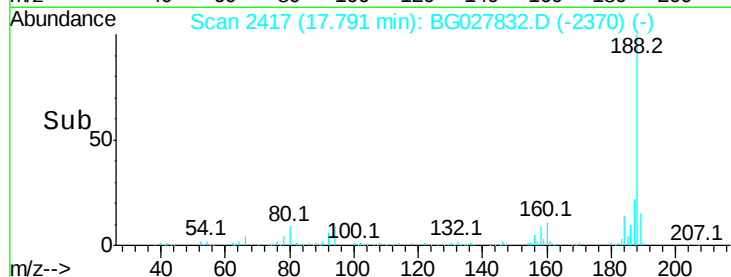
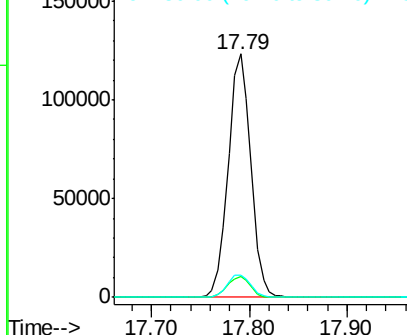
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.79 min Scan# 2417
Delta R.T. -0.02 min
Lab File: BG027832.D
Acq: 3 Jul 2017 14:56

Instrument :
BNA_G
ClientSampleId :

Tot Ion:188 Resp: 197415
Ion Ratio Lower Upper
188 100
94 8.7 5.8 8.8
80 9.1 7.5 11.3

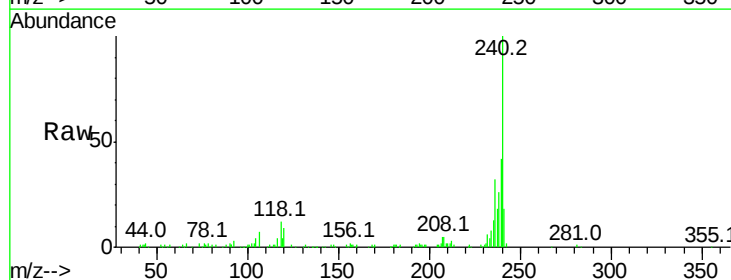


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

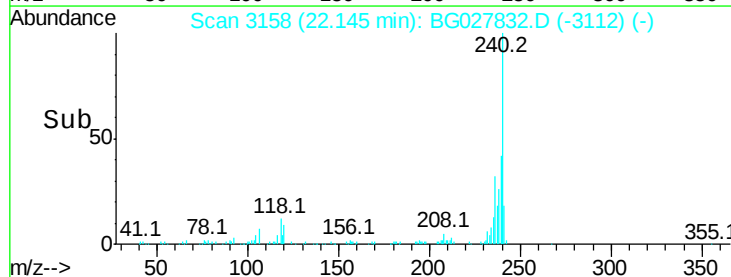
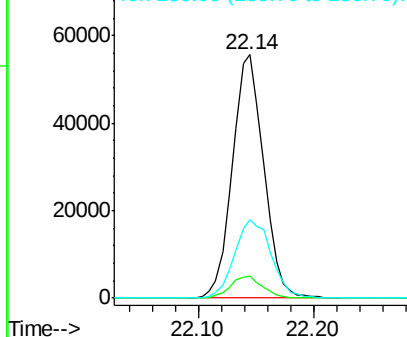


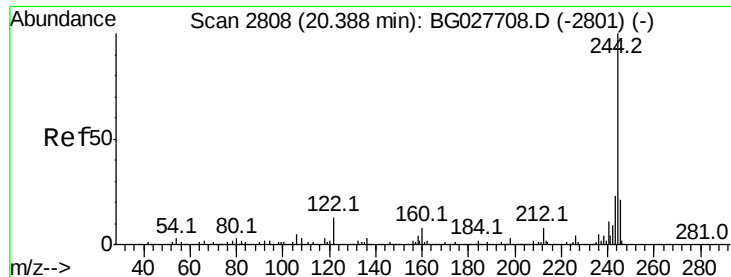
#75
Chrysene-d12
Concen: 20.00 ng
RT: 22.14 min Scan# 3158
Delta R.T. -0.03 min
Lab File: BG027832.D
Acq: 3 Jul 2017 14:56

Tgt Ion:240 Resp: 104646
Ion Ratio Lower Upper
240 100
120 9.0 5.7 8.5#
236 32.3 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: 242.36 ng

RT: 20.37 min Scan# 2856

Delta R.T. -0.02 min

Lab File: BG027832.D

Acq: 3 Jul 2017 14:56

Instrument :

BNA_G

ClientSampled :

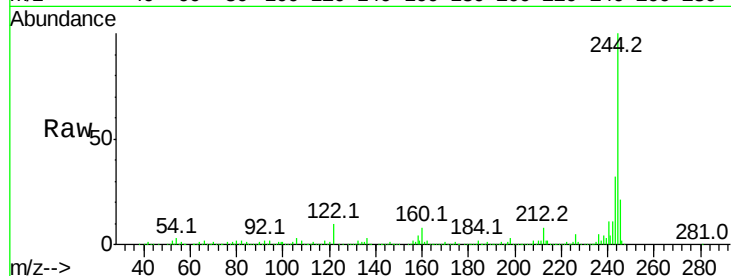
Tot Ion:244 Resp: 1081807

Ion Ratio Lower Upper

244 100

212 7.6 10.0 15.0#

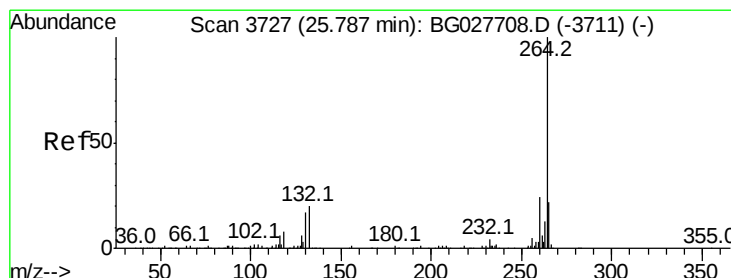
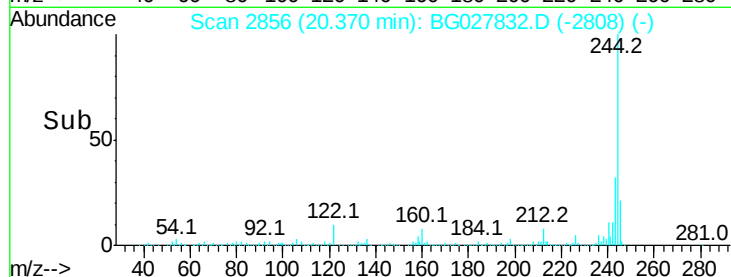
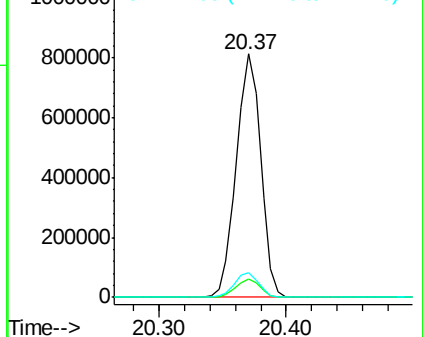
122 10.2 8.6 12.8



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: 25.73 min Scan# 3769

Delta R.T. -0.05 min

Lab File: BG027832.D

Acq: 3 Jul 2017 14:56

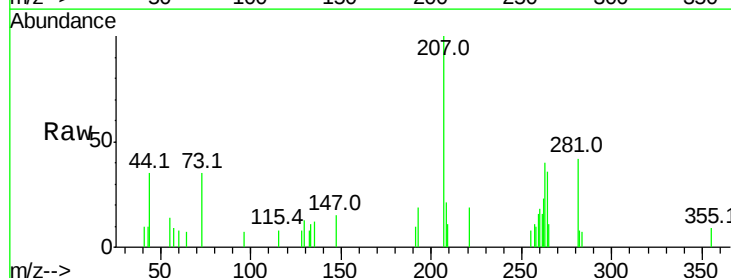
Tgt Ion:264 Resp: 2070

Ion Ratio Lower Upper

264 100

260 49.9 21.8 32.8#

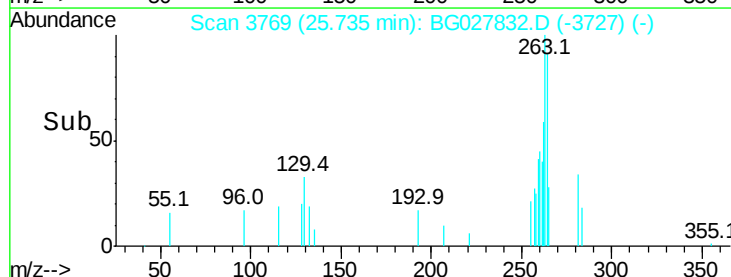
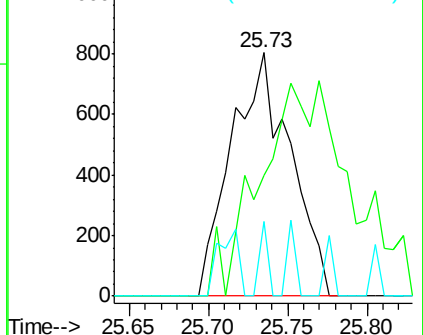
265 30.5 18.2 27.4#

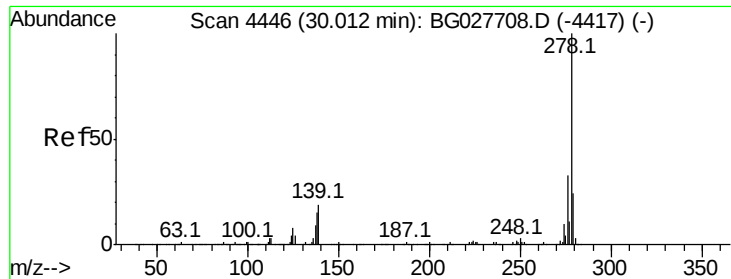


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



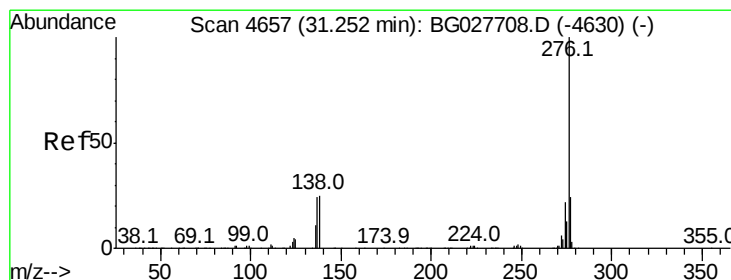
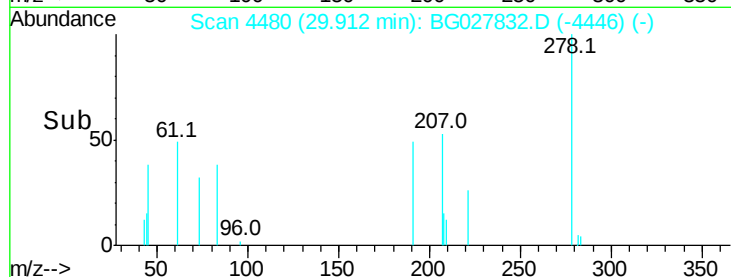
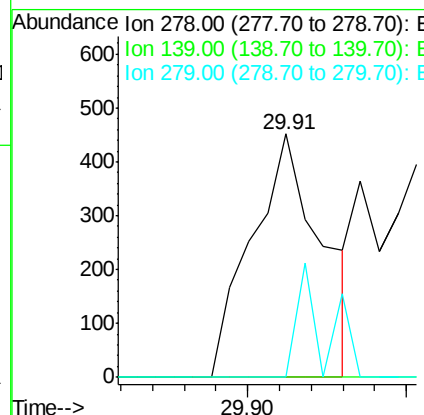
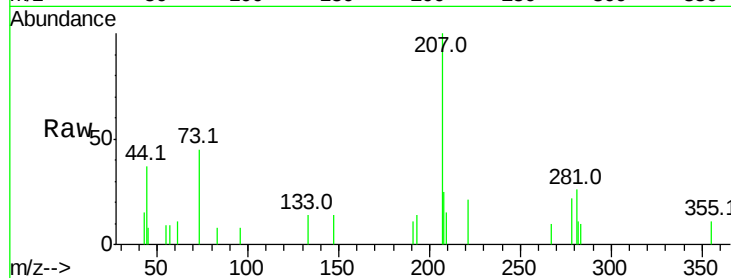


#90
 Dibenzo(a,h)anthracene
 Concen: 5.41 ng
 RT: 29.91 min Scan# 4480
 Delta R.T. -0.10 min
 Lab File: BG027832.D
 Acq: 3 Jul 2017 14:56

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:278 Resp: 686

Ion	Ratio	Lower	Upper
278	100		
139	0.0	7.7	11.5#
279	0.0	19.1	28.7#



#91
 Benzo(g,h,i)perylene
 Concen: 8.40 ng
 RT: 31.13 min Scan# 4687
 Delta R.T. -0.12 min
 Lab File: BG027832.D
 Acq: 3 Jul 2017 14:56

Tgt Ion:276 Resp: 1023

Ion	Ratio	Lower	Upper
276	100		
277	48.8	18.6	27.8#
138	0.0	8.1	12.1#

