

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092418\
 Data File : BG036921.D
 Acq On : 24 Sep 2018 17:13
 Operator : JU/SJ
 Sample : J5044-04
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GRID04-COMP-092018

Quant Time: Sep 24 19:03:50 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 24 10:41:23 2018
 Response via : Initial Calibration

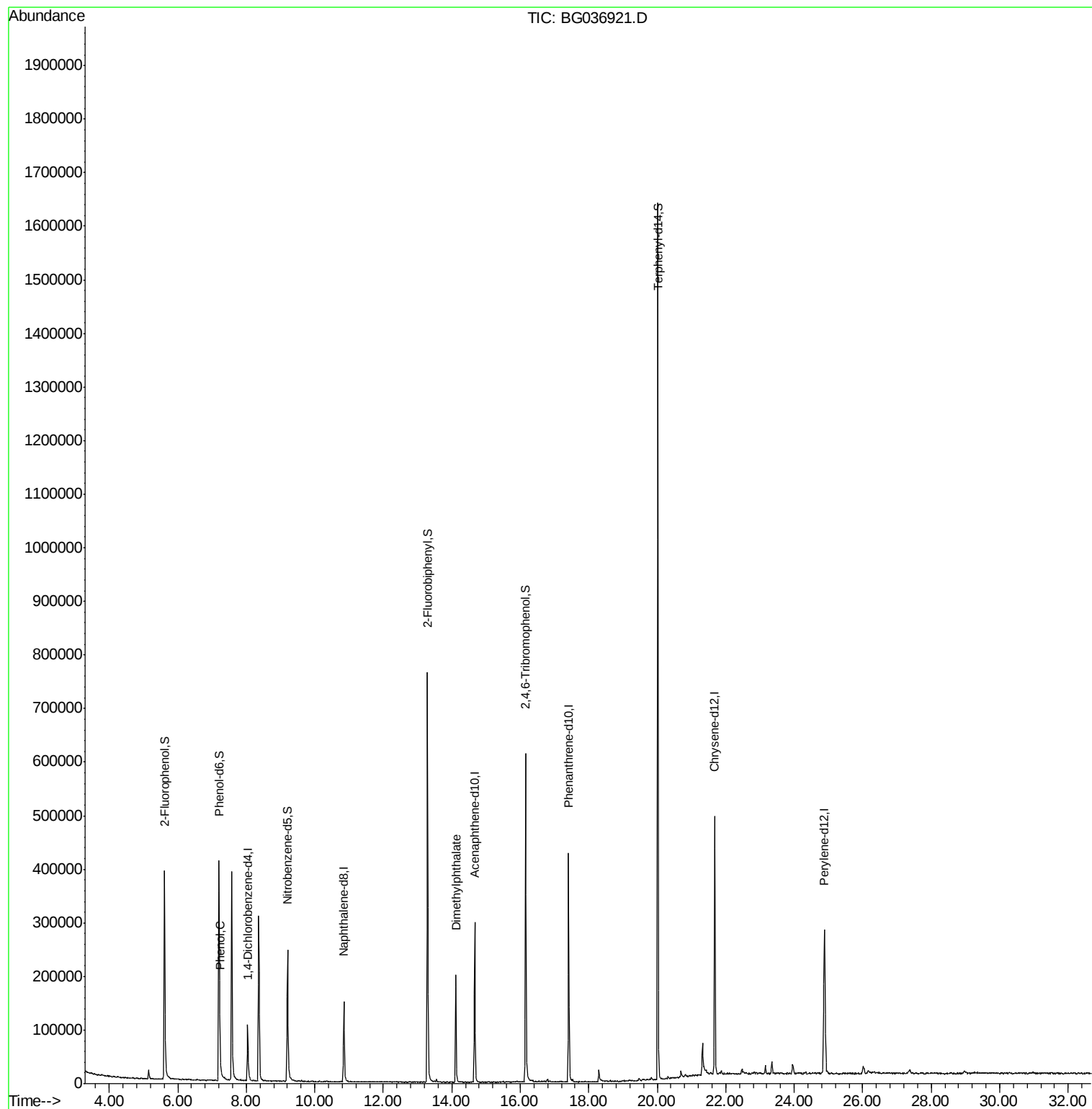
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	34068	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	156049	20.00	ng	0.00
38) Acenaphthene-d10	14.67	164	108042	20.00	ng	0.00
63) Phenanthrene-d10	17.41	188	294963	20.00	ng	0.00
75) Chrysene-d12	21.68	240	309281	20.00	ng	-0.01
86) Perylene-d12	24.88	264	307335	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	193012	108.65	ng	0.00
7) Phenol-d6	7.20	99	282146	102.66	ng	-0.01
23) Nitrobenzene-d5	9.20	82	181191	62.18	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	120858	93.50	ng	-0.01
44) 2-Fluorobiphenyl	13.29	172	452084	62.32	ng	0.00
78) Terphenyl-d14	20.02	244	839444	71.37	ng	0.00
Target Compounds						
10) Phenol	7.23	94	11191	3.945	ng	Qvalue # 64
49) Dimethylphthalate	14.12	163	149648	17.208	ng	99

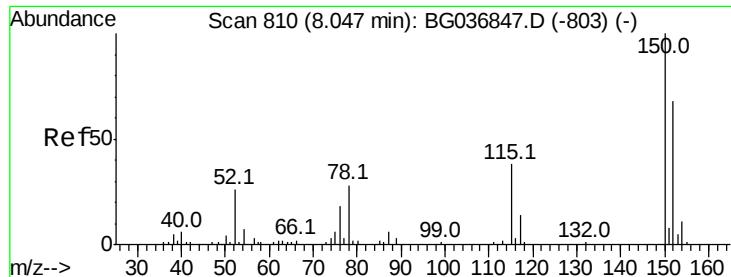
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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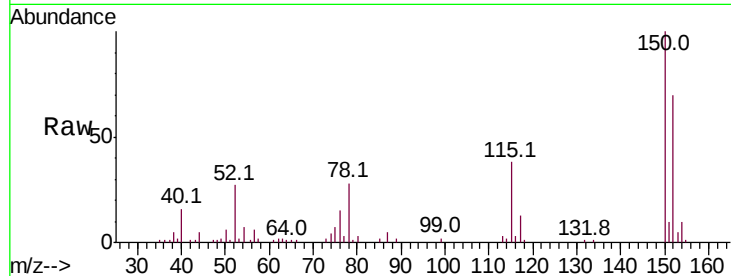


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.04 min Scan# 809
 Delta R.T. -0.01 min
 Lab File: BG036921.D
 Acq: 24 Sep 2018 17:13

Instrument :
 BNA_G
 ClientSampleId :
 GRID04-COMP-092018

Tot Ion	Ratio	Lower	Upper
152	100		
150	142.4	119.5	179.3
115	53.6	44.5	66.7

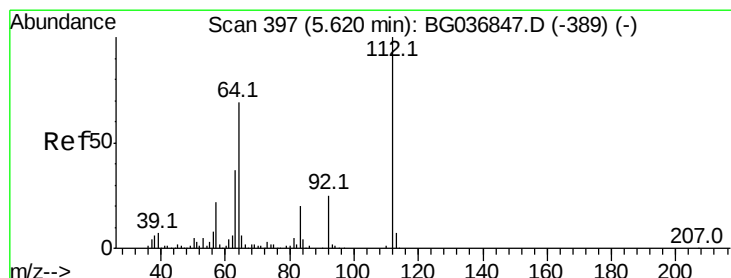
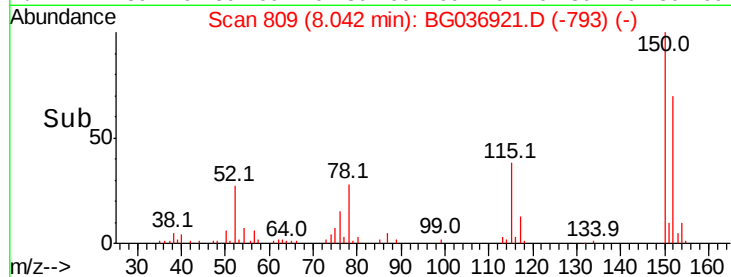
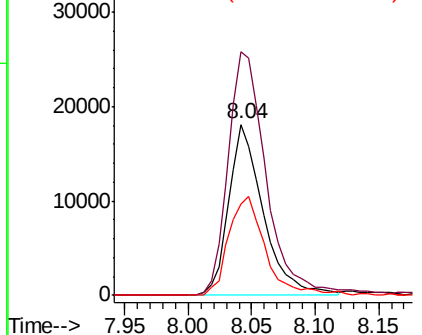


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

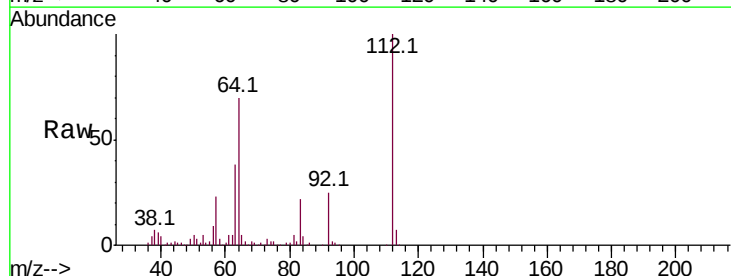
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 108.652 ng
 RT: 5.61 min Scan# 396
 Delta R.T. -0.01 min
 Lab File: BG036921.D
 Acq: 24 Sep 2018 17:13

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.9	57.2	85.8
63	38.2	30.8	46.2

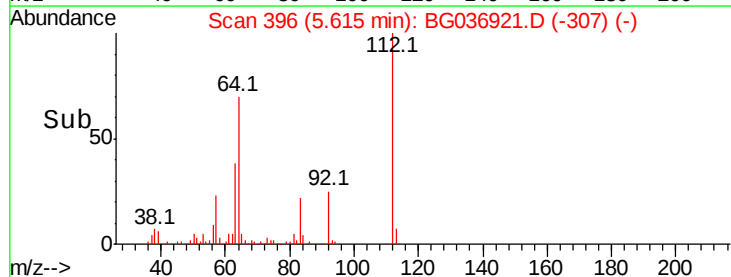
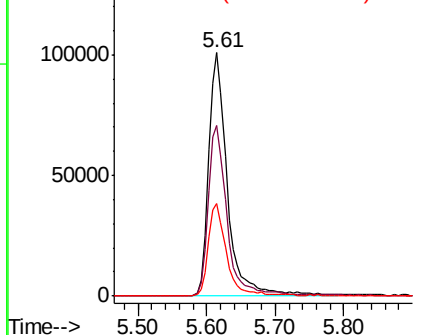


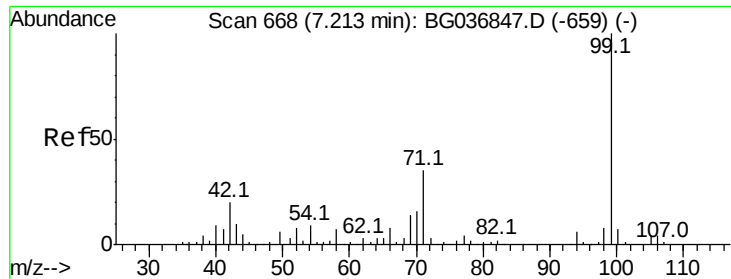
Abundance

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: 102.657 ng

RT: 7.20 min Scan# 666

Delta R.T. -0.01 min

Lab File: BG036921.D

Acq: 24 Sep 2018 17:13

Instrument :

BNA_G

ClientSampleId :

GRID04-COMP-092018

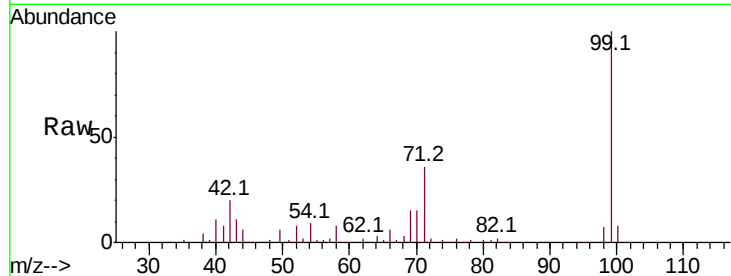
Tot Ion: 99 Resp: 282146

Ion Ratio Lower Upper

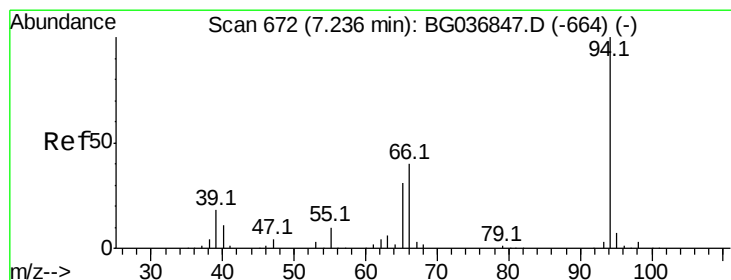
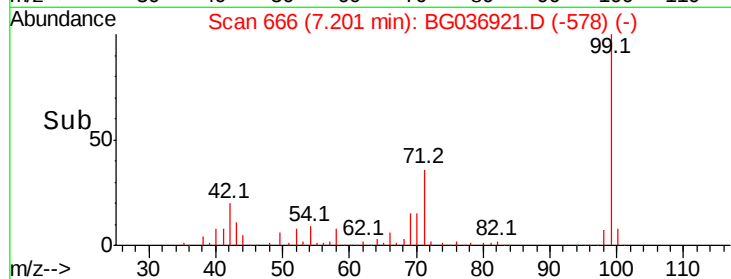
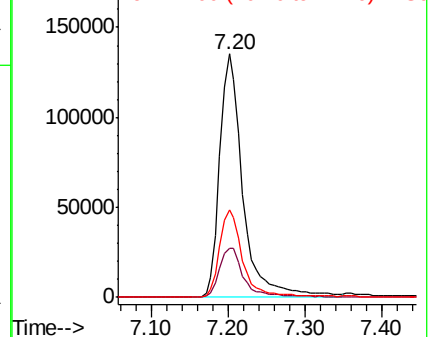
99 100

42 20.4 16.5 24.7

71 36.0 29.4 44.2



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: 3.945 ng

RT: 7.23 min Scan# 671

Delta R.T. -0.01 min

Lab File: BG036921.D

Acq: 24 Sep 2018 17:13

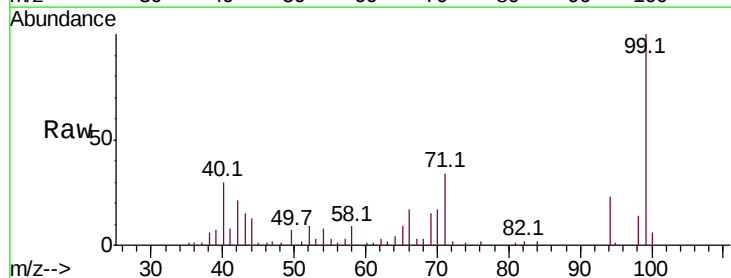
Tgt Ion: 94 Resp: 11191

Ion Ratio Lower Upper

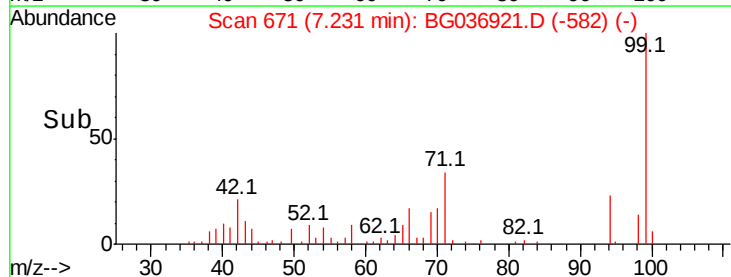
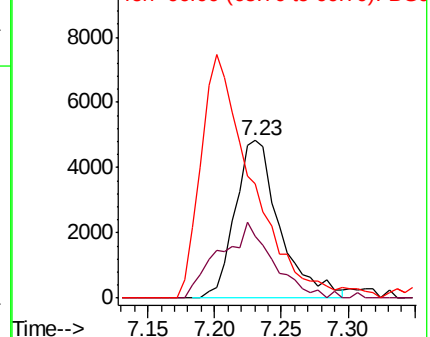
94 100

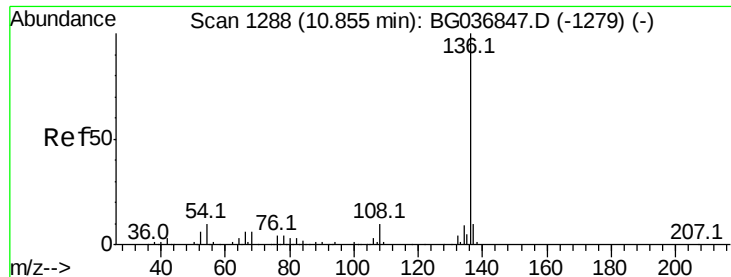
65 39.4 11.5 51.5

66 72.6 19.5 59.5#



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

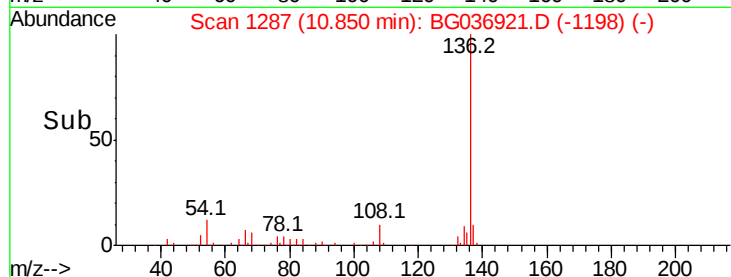
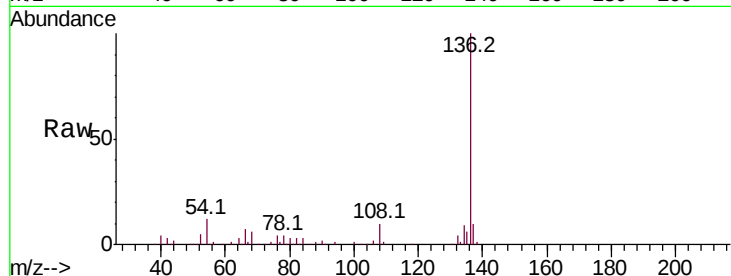




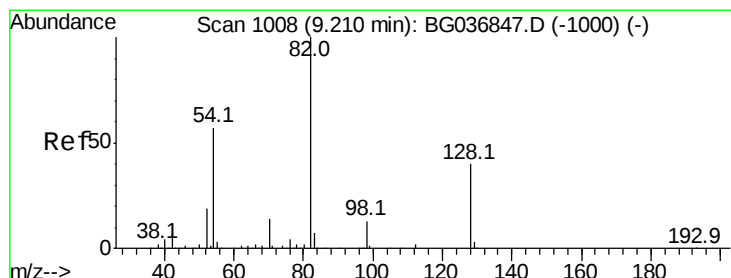
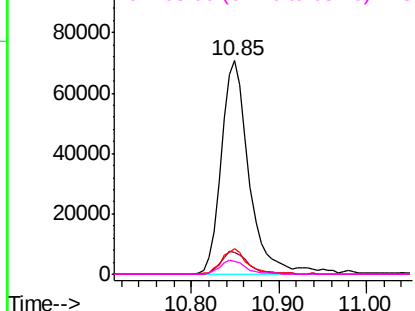
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1287
Delta R.T. -0.01 min
Lab File: BG036921.D
Acq: 24 Sep 2018 17:13

Instrument :
BNA_G
ClientSampleId :
GRID04-COMP-092018

Tot Ion:136	Resp:	156049	
Ion Ratio	Lower	Upper	
136 100			
137 10.3	8.8	13.2	
54 11.8	9.2	13.8	
68 6.1	5.8	8.6	

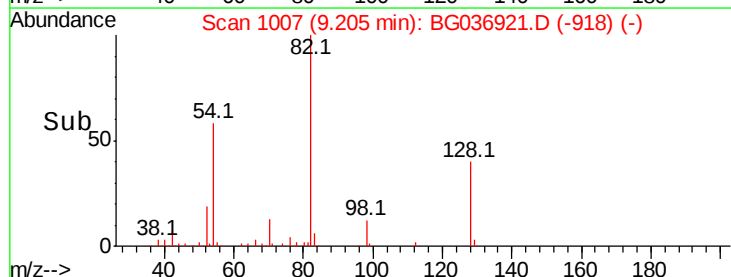
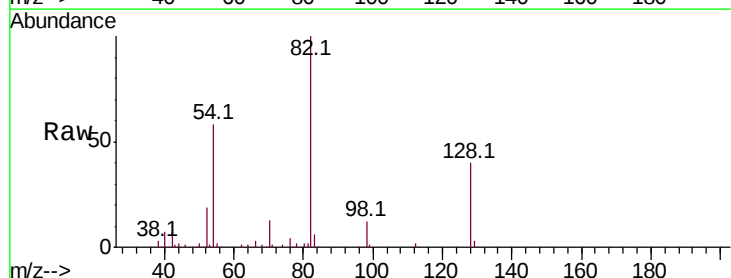


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BG
Ion 68.00 (67.70 to 68.70): BG

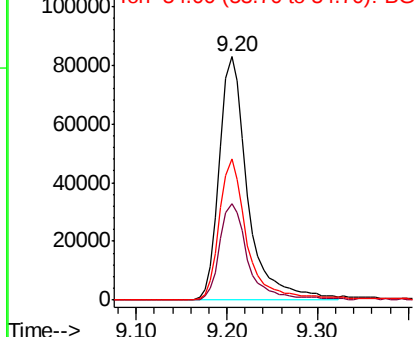


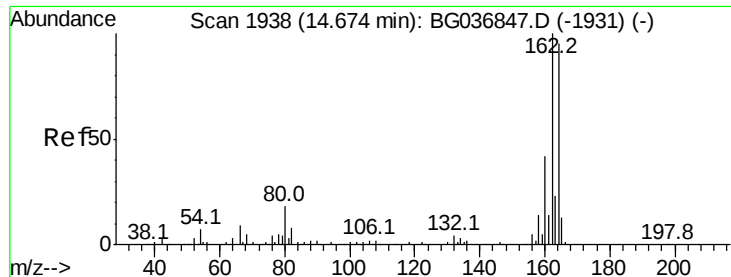
#23
Nitrobenzene-d5
Concen: 62.179 ng
RT: 9.20 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BG036921.D
Acq: 24 Sep 2018 17:13

Tgt Ion: 82	Resp: 181191
Ion Ratio	Lower Upper
82 100	
128 39.6	33.3 49.9
54 57.8	45.1 67.7



Abundance Ion 82.00 (81.70 to 82.70): BG
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BG





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.67 min Scan# 1937

Delta R.T. -0.01 min

Lab File: BG036921.D

Acq: 24 Sep 2018 17:13

Instrument :

BNA_G

ClientSampleId :

GRID04-COMP-092018

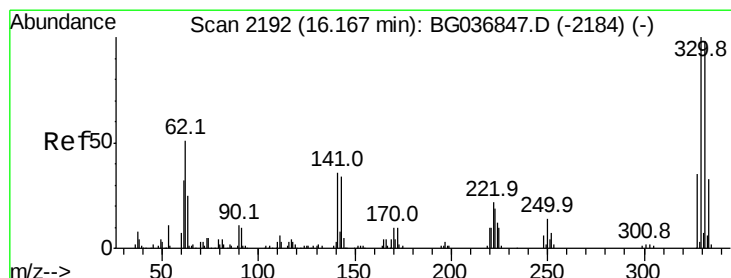
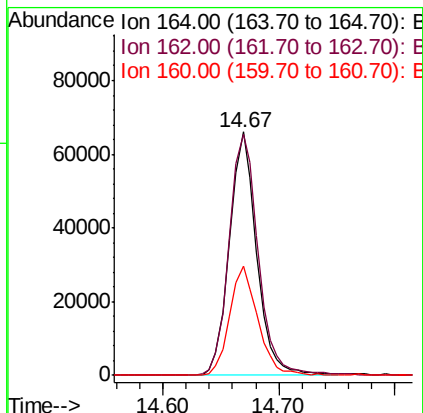
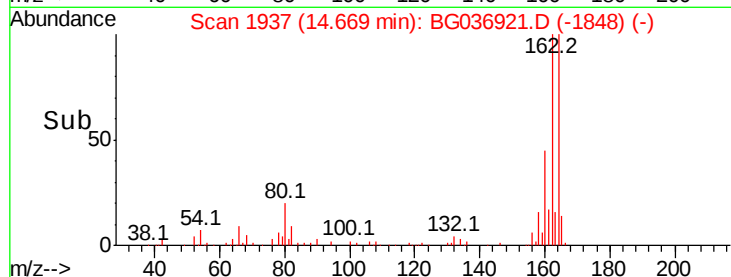
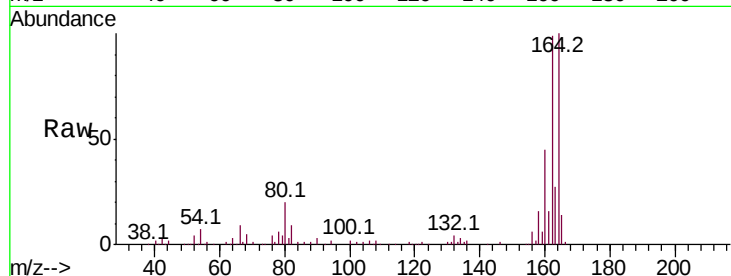
Tot Ion:164 Resp: 108042

Ion Ratio Lower Upper

164 100

162 99.1 80.7 121.1

160 45.0 35.3 52.9



#41

2,4,6-Tribromophenol

Concen: 93.496 ng

RT: 16.16 min Scan# 2190

Delta R.T. -0.01 min

Lab File: BG036921.D

Acq: 24 Sep 2018 17:13

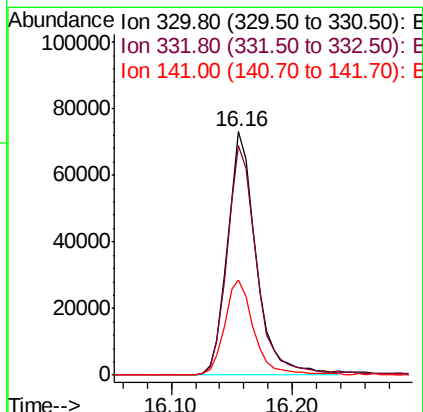
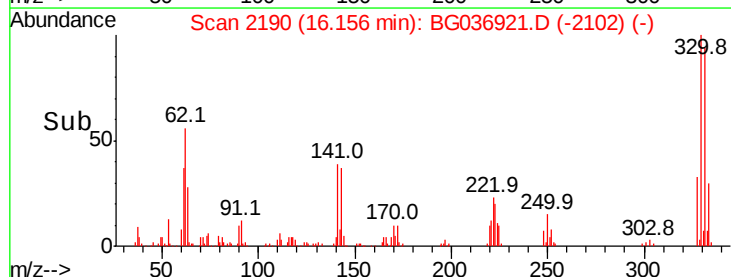
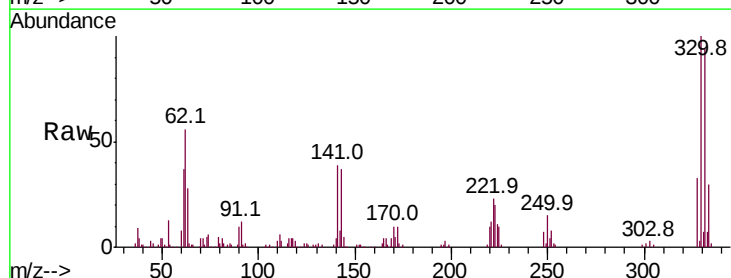
Tgt Ion:330 Resp: 120858

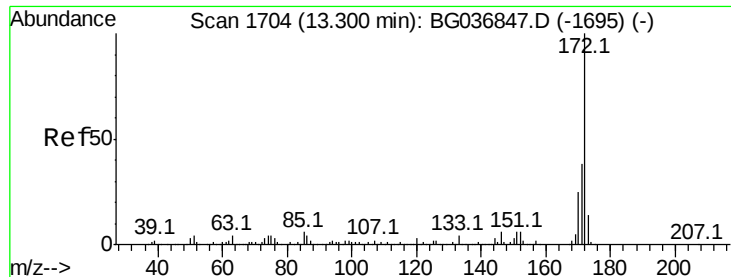
Ion Ratio Lower Upper

330 100

332 97.6 75.4 113.2

141 39.7 30.7 46.1

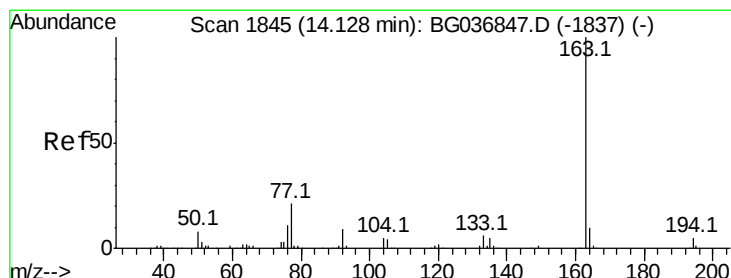
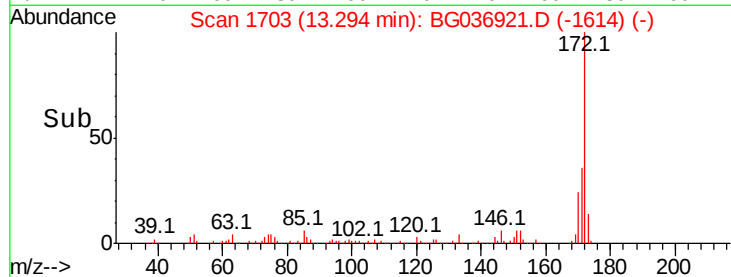
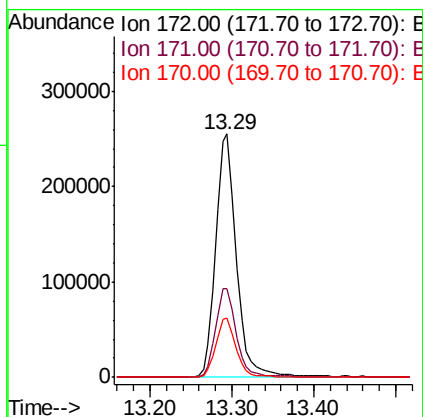
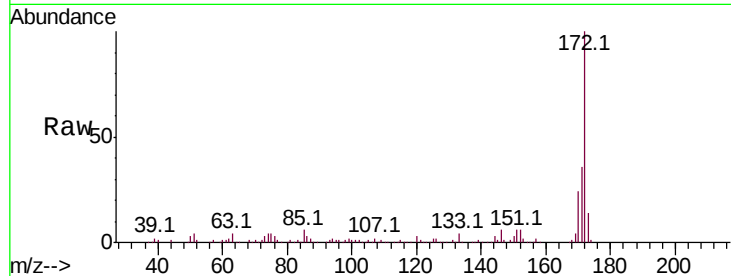




#44
2-Fluorobiphenyl
Concen: 62.321 ng
RT: 13.29 min Scan# 1703
Delta R.T. -0.01 min
Lab File: BG036921.D
Acq: 24 Sep 2018 17:13

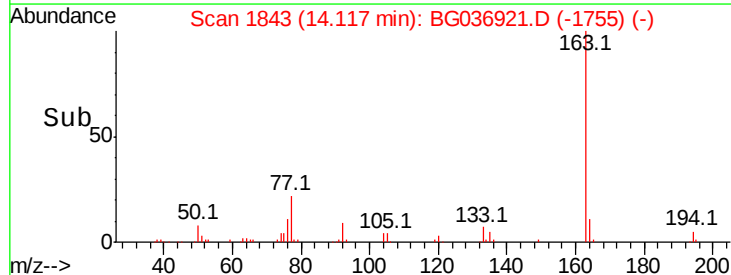
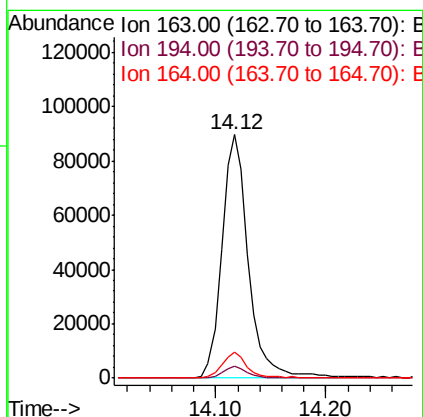
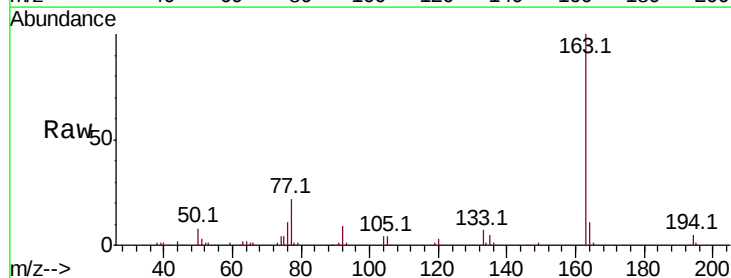
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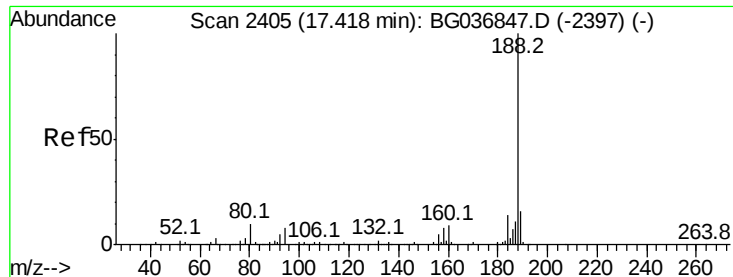
Tot Ion:172 Resp: 452084
Ion Ratio Lower Upper
172 100
171 36.3 31.3 46.9
170 24.4 21.0 31.6



#49
Dimethylphthalate
Concen: 17.208 ng
RT: 14.12 min Scan# 1843
Delta R.T. -0.01 min
Lab File: BG036921.D
Acq: 24 Sep 2018 17:13

Tgt Ion:163 Resp: 149648
Ion Ratio Lower Upper
163 100
194 4.9 4.0 6.0
164 10.8 8.1 12.1

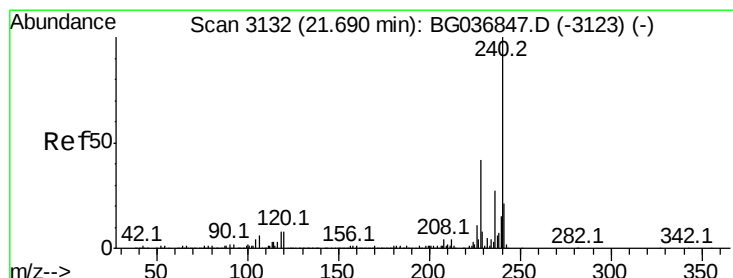
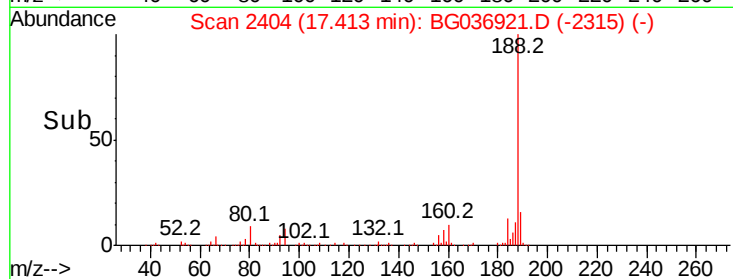
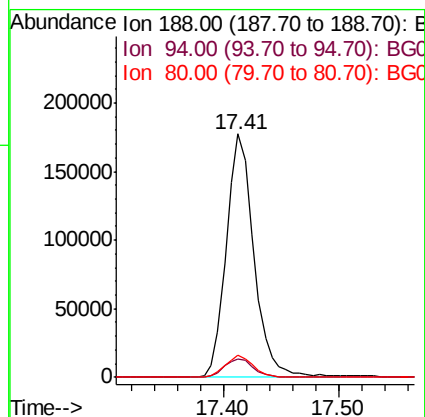
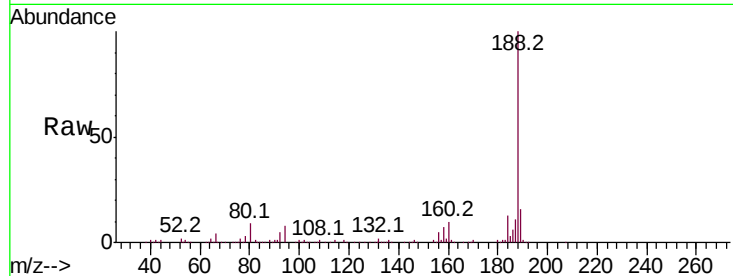




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2404
Delta R.T. -0.01 min
Lab File: BG036921.D
Acq: 24 Sep 2018 17:13

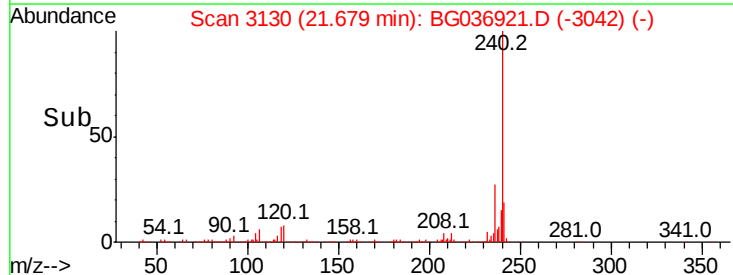
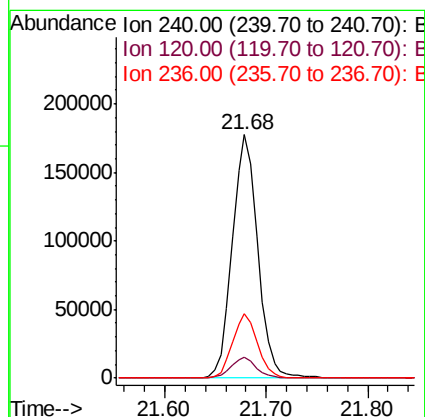
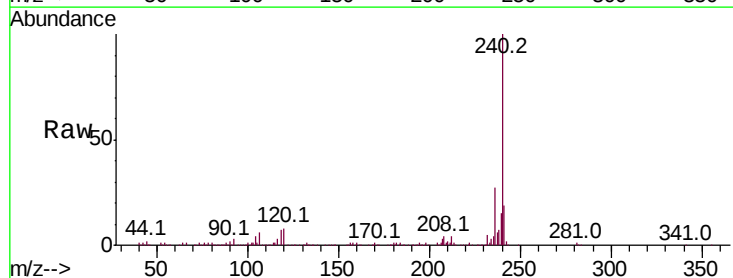
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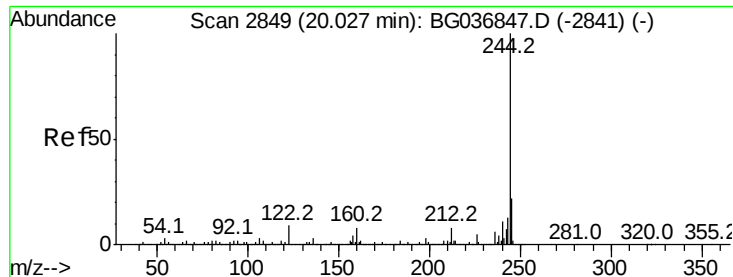
Tot Ion:188 Resp: 294963
Ion Ratio Lower Upper
188 100
94 7.6 6.7 10.1
80 9.1 8.1 12.1



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3130
Delta R.T. -0.01 min
Lab File: BG036921.D
Acq: 24 Sep 2018 17:13

Tgt Ion:240 Resp: 309281
Ion Ratio Lower Upper
240 100
120 8.4 6.9 10.3
236 26.6 21.2 31.8





#78

Terphenyl-d14

Concen: 71.369 ng

RT: 20.02 min Scan# 2848

Delta R.T. -0.01 min

Lab File: BG036921.D

Acq: 24 Sep 2018 17:13

Instrument :

BNA_G

ClientSampleId :

GRID04-COMP-092018

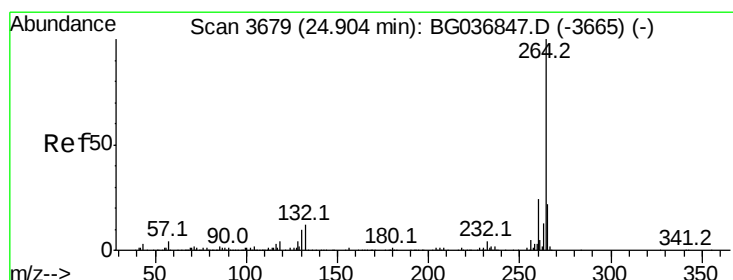
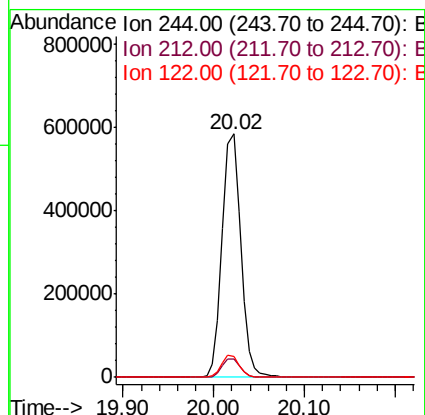
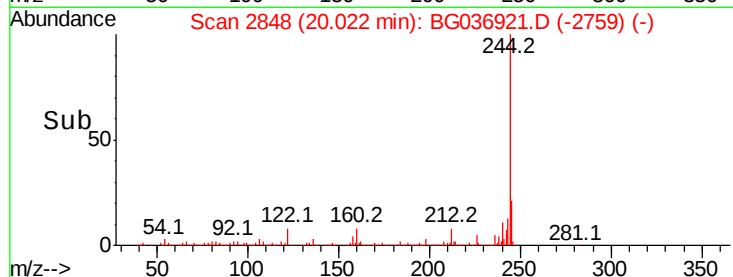
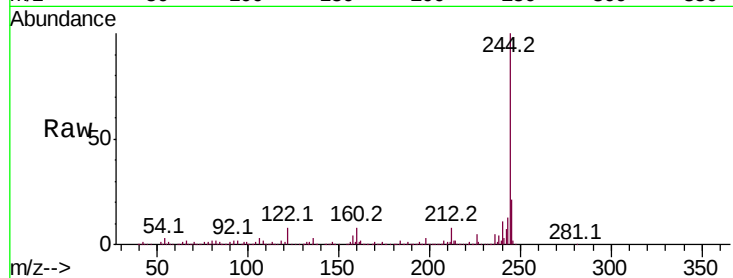
Tot Ion:244 Resp: 839444

Ion Ratio Lower Upper

244 100

212 7.7 7.0 10.6

122 8.5 7.1 10.7



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.88 min Scan# 3675

Delta R.T. -0.02 min

Lab File: BG036921.D

Acq: 24 Sep 2018 17:13

Tgt Ion:264 Resp: 307335

Ion Ratio Lower Upper

264 100

260 22.5 19.6 29.4

265 21.2 17.4 26.0

