

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG110416\
 Data File : BG024719.D
 Acq On : 5 Nov 2016 19:08
 Operator : UM/SJ
 Sample : H5527-10
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GW-107-12.3-26.0

Quant Time: Nov 06 23:50:19 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG102516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 26 11:14:13 2016
 Response via : Initial Calibration

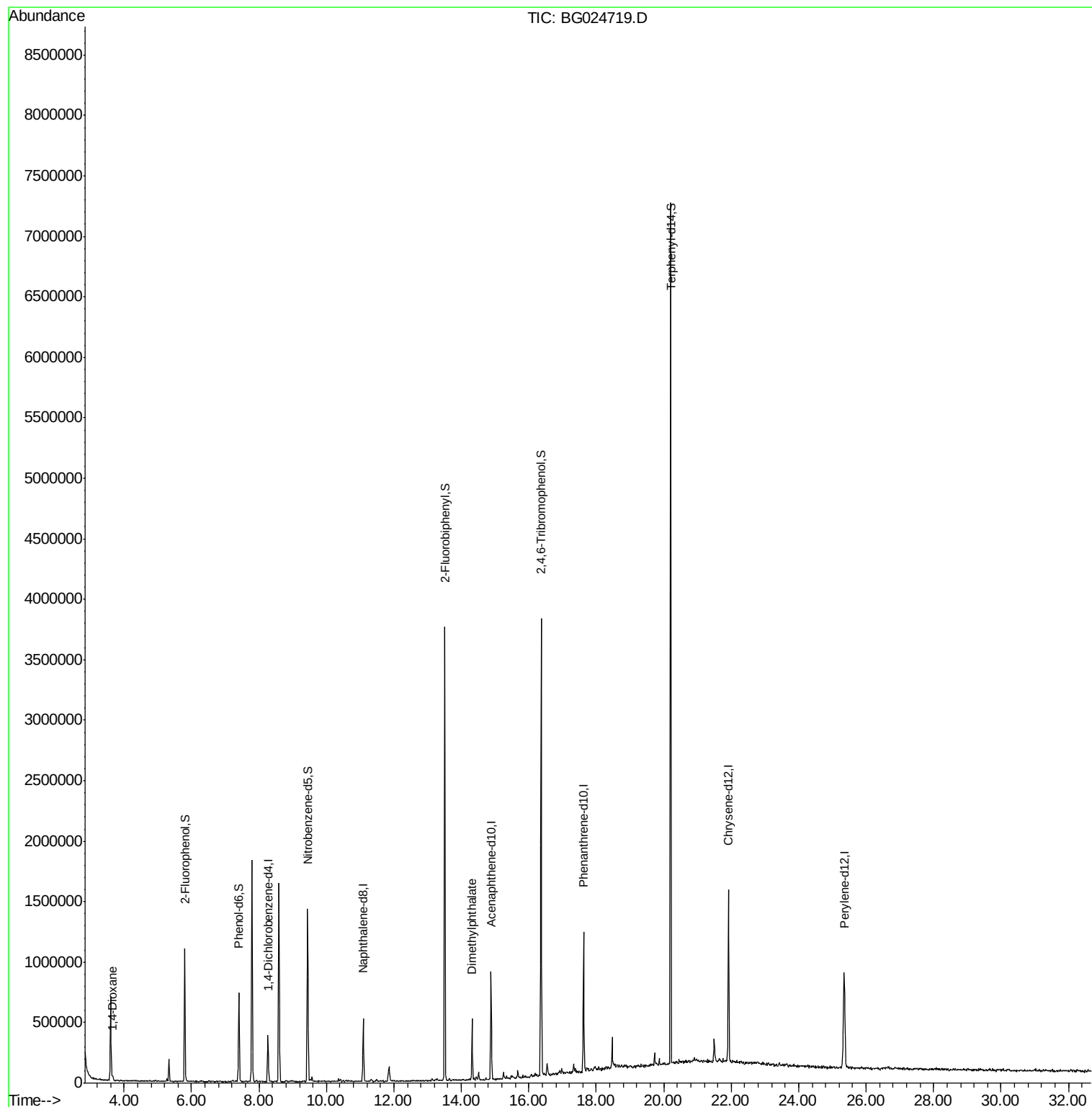
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	105628	20.00	ng	0.00
21) Naphthalene-d8	11.09	136	412385	20.00	ng	0.00
38) Acenaphthene-d10	14.88	164	319184	20.00	ng	0.00
63) Phenanthrene-d10	17.62	188	738508	20.00	ng	0.00
75) Chrysene-d12	21.92	240	988023	20.00	ng	-0.01
86) Perylene-d12	25.35	264	1021344	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.80	112	435450	67.57	ng	0.00
7) Phenol-d6	7.40	99	401849	45.46	ng	0.00
23) Nitrobenzene-d5	9.44	82	911793	100.67	ng	0.00
41) 2,4,6-Tribromophenol	16.36	330	769384	161.35	ng	0.00
44) 2-Fluorobiphenyl	13.51	172	1855840	96.64	ng	0.00
78) Terphenyl-d14	20.21	244	2943506	89.02	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.66	88	19844	7.54	ng	Qvalue # 93
49) Dimethylphthalate	14.32	163	315973	13.94	ng	96

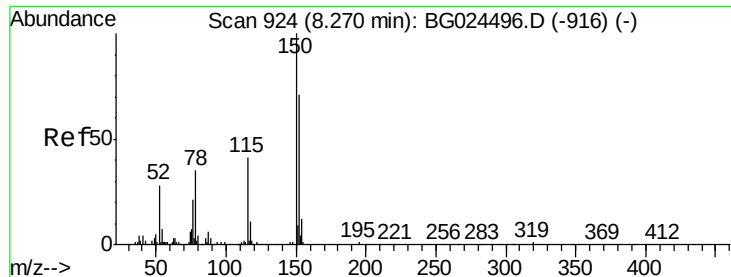
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.27 min Scan# 924

Delta R.T. -0.00 min

Lab File: BG024719.D

Acq: 5 Nov 2016 19:08

Instrument :

BNA_G

ClientSampleId :

GW-107-12.3-26.0

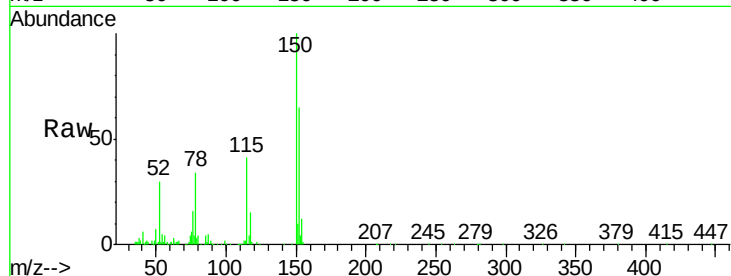
Tgt Ion:152 Resp: 105628

Ion Ratio Lower Upper

152 100

150 152.8 114.0 171.0

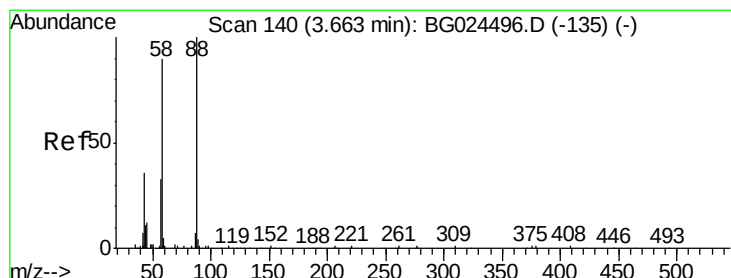
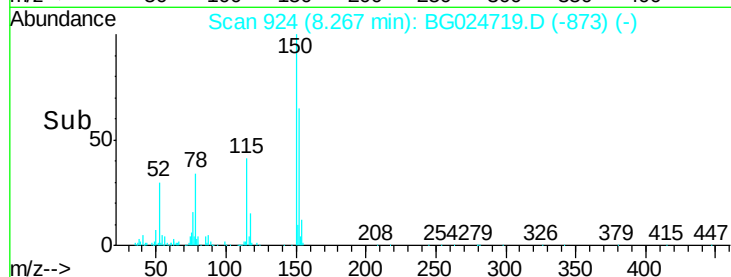
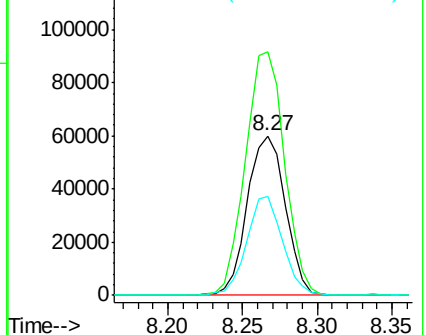
115 62.0 48.1 72.1



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



#2

1,4-Dioxane

Concen: 7.54 ng

RT: 3.66 min Scan# 140

Delta R.T. -0.00 min

Lab File: BG024719.D

Acq: 5 Nov 2016 19:08

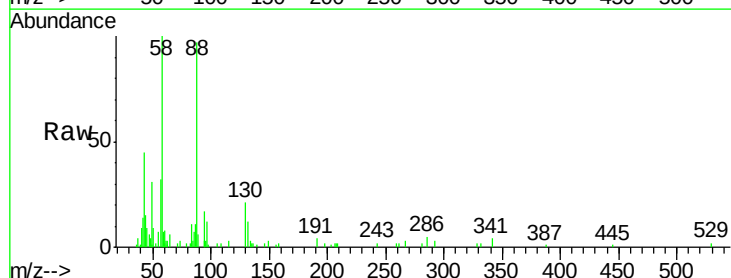
Tgt Ion: 88 Resp: 19844

Ion Ratio Lower Upper

88 100

58 99.8 79.4 119.2

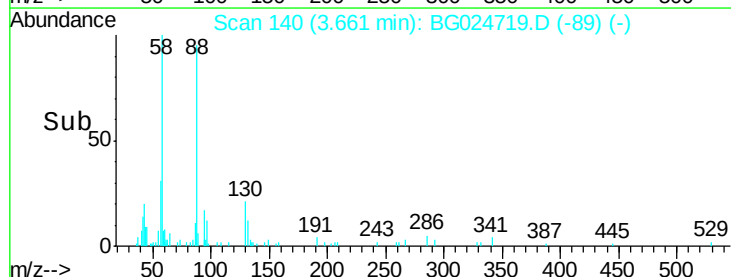
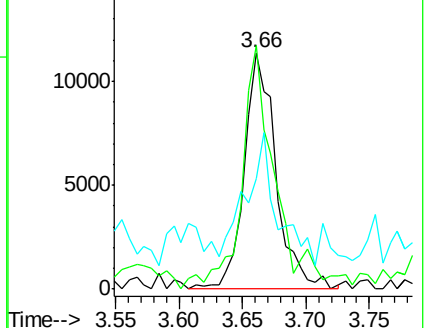
43 56.8 33.8 50.6#

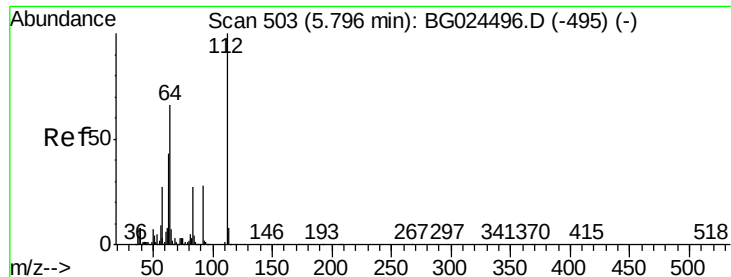


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#5

2-Fluorophenol

Concen: 67.57 ng

RT: 5.80 min Scan# 504

Delta R.T. 0.00 min

Lab File: BG024719.D

Acq: 5 Nov 2016 19:08

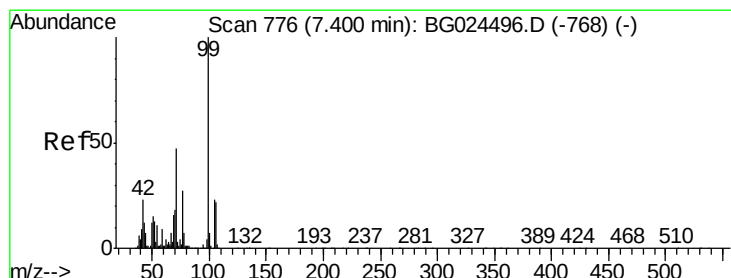
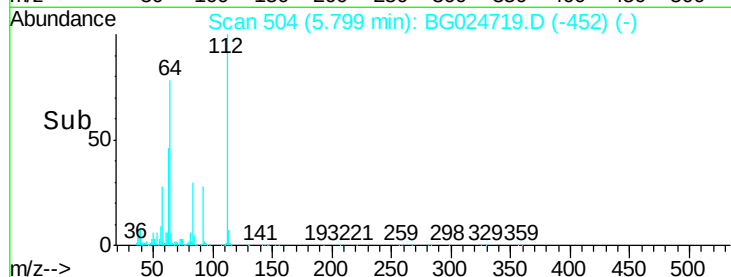
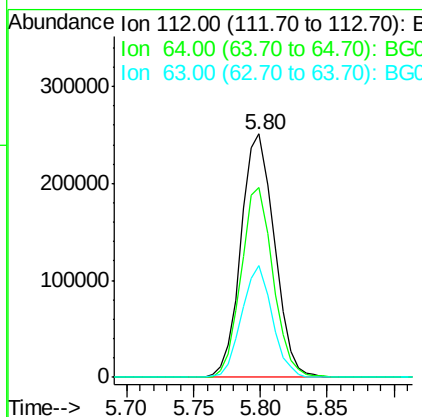
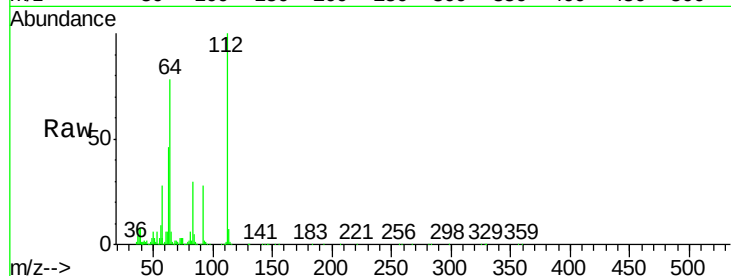
Instrument :

BNA_G

ClientSampleId :

GW-107-12.3-26.0

Tgt Ion:	112	Resp:	435450
Ion	Ratio	Lower	Upper
112	100		
64	77.8	61.8	92.6
63	46.1	37.2	55.8



#7

Phenol-d6

Concen: 45.46 ng

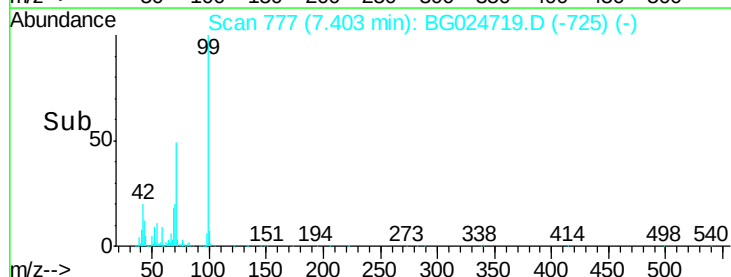
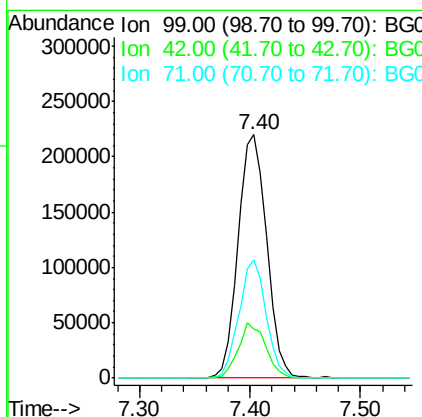
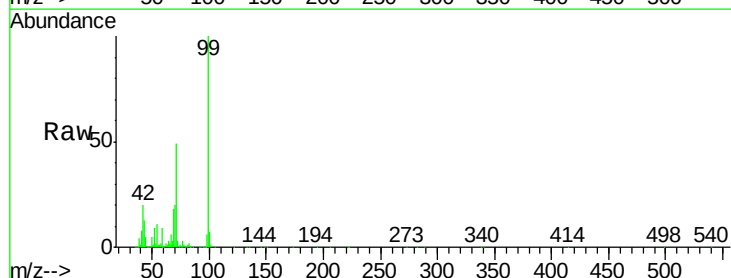
RT: 7.40 min Scan# 777

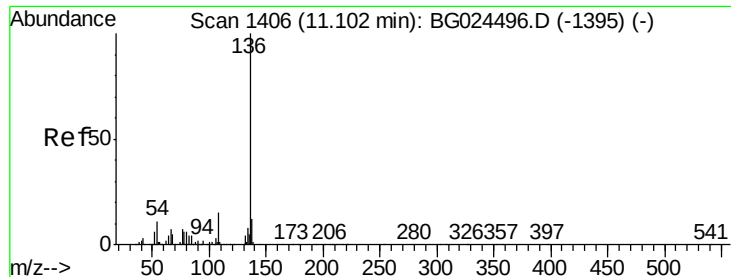
Delta R.T. 0.00 min

Lab File: BG024719.D

Acq: 5 Nov 2016 19:08

Tgt Ion:	99	Resp:	401849
Ion	Ratio	Lower	Upper
99	100		
42	20.1	20.5	30.7#
71	48.6	37.6	56.4

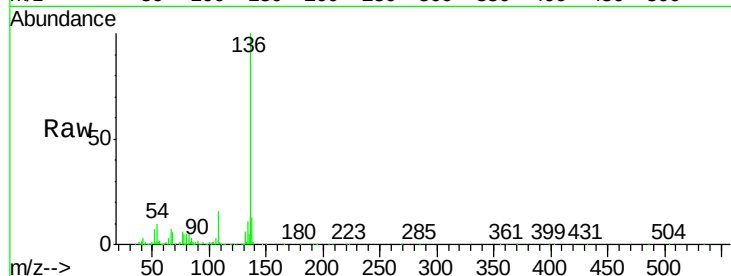




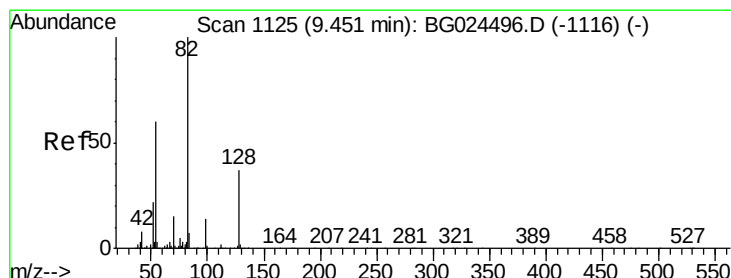
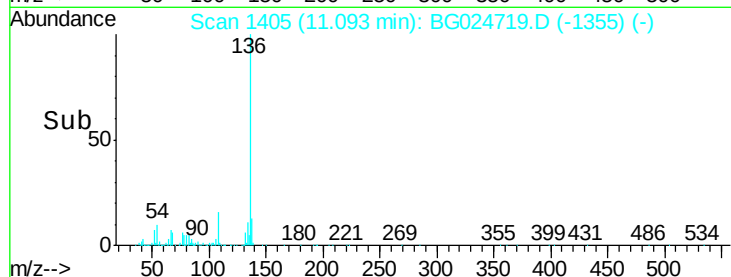
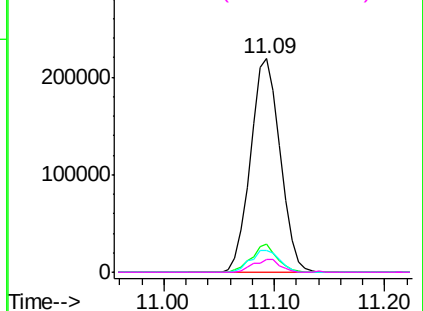
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.09 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BG024719.D
Acq: 5 Nov 2016 19:08

Instrument :
BNA_G
ClientSampleId :
GW-107-12.3-26.0

Tgt Ion:	136	Resp:	412385
Ion	Ratio	Lower	Upper
136	100		
137	13.2	8.9	13.3
54	10.1	9.3	13.9
68	6.1	5.1	7.7

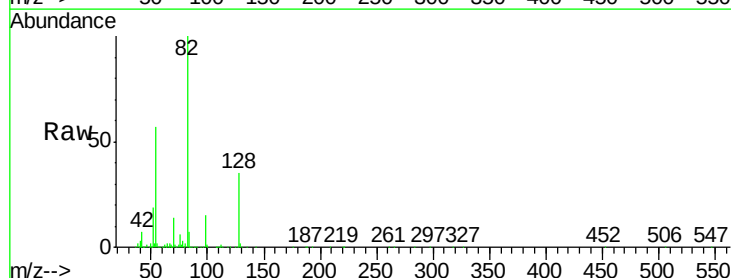


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

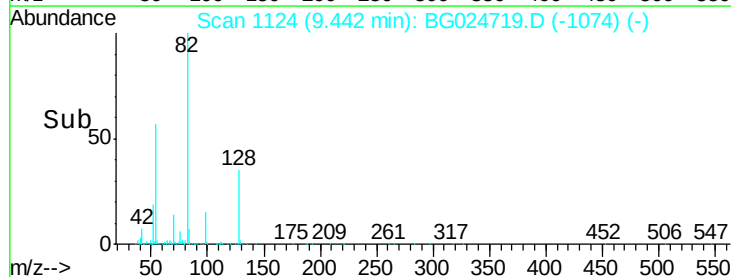
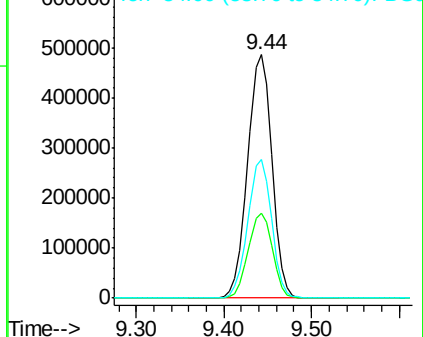


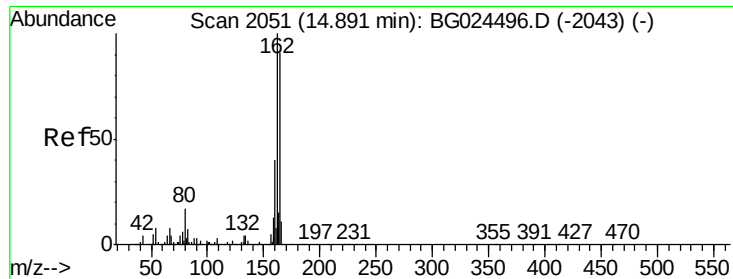
#23
Nitrobenzene-d5
Concen: 100.67 ng
RT: 9.44 min Scan# 1124
Delta R.T. -0.01 min
Lab File: BG024719.D
Acq: 5 Nov 2016 19:08

Tgt Ion:	82	Resp:	911793
Ion	Ratio	Lower	Upper
82	100		
128	34.7	26.4	39.6
54	56.9	49.4	74.2



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





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.88 min Scan# 2050

Delta R.T. -0.01 min

Lab File: BG024719.D

Acq: 5 Nov 2016 19:08

Instrument :

BNA_G

ClientSampleId :

GW-107-12.3-26.0

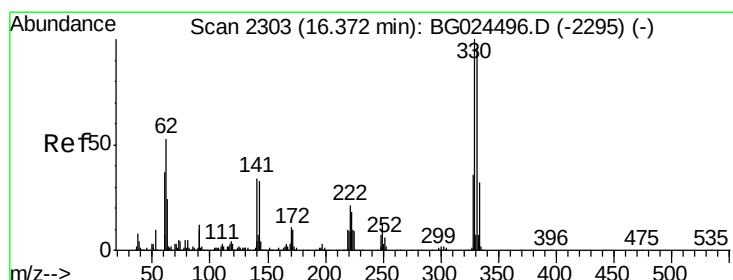
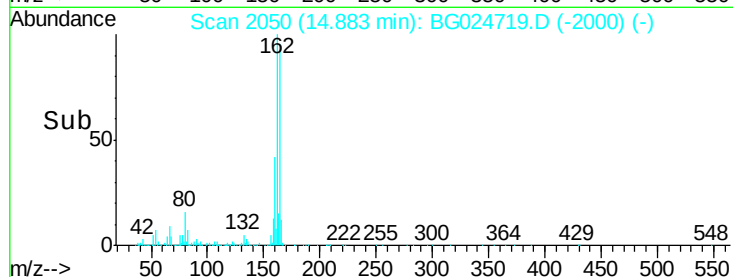
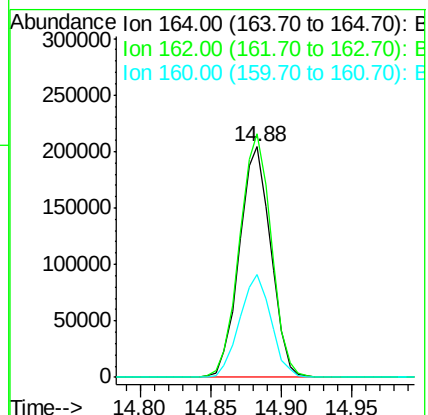
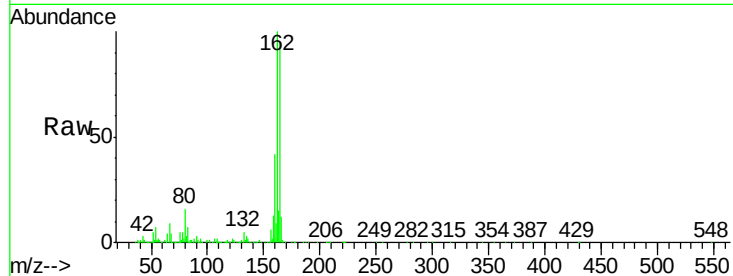
Tgt Ion:164 Resp: 319184

Ion Ratio Lower Upper

164 100

162 105.6 85.1 127.7

160 44.6 34.7 52.1



#41

2,4,6-Tribromophenol

Concen: 161.35 ng

RT: 16.36 min Scan# 2302

Delta R.T. -0.01 min

Lab File: BG024719.D

Acq: 5 Nov 2016 19:08

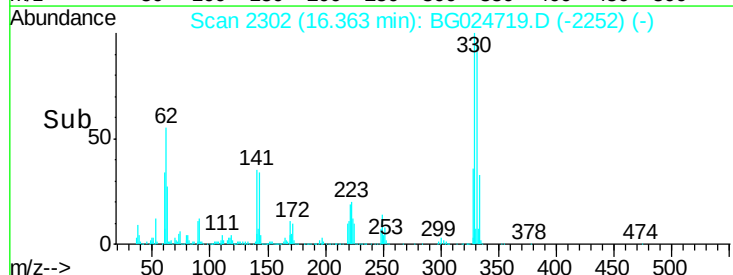
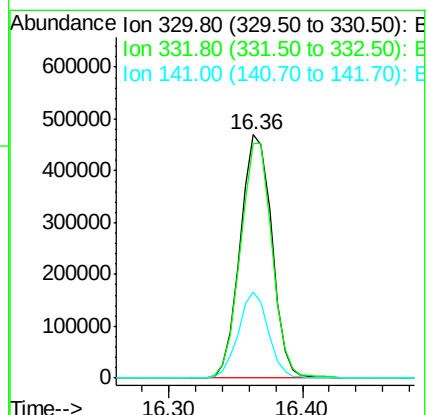
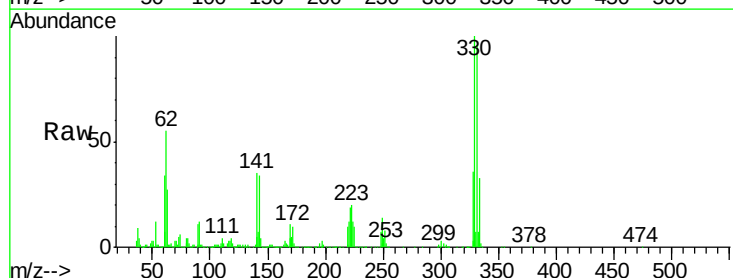
Tgt Ion:330 Resp: 769384

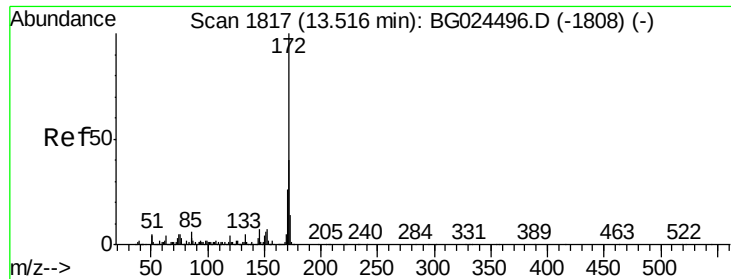
Ion Ratio Lower Upper

330 100

332 96.2 77.3 115.9

141 33.5 32.1 48.1

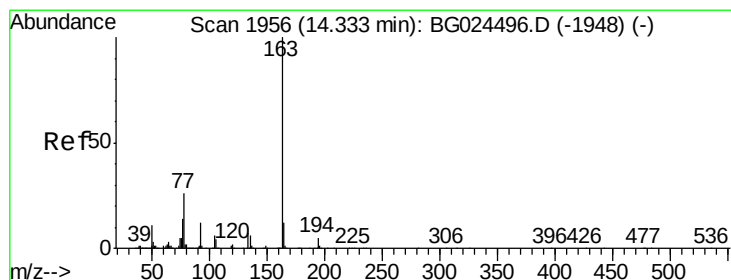
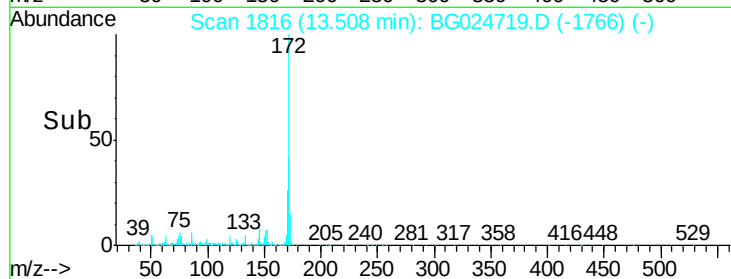
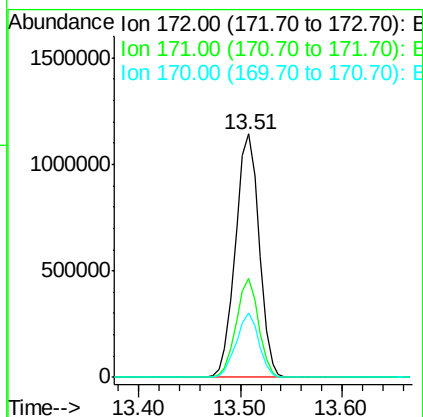
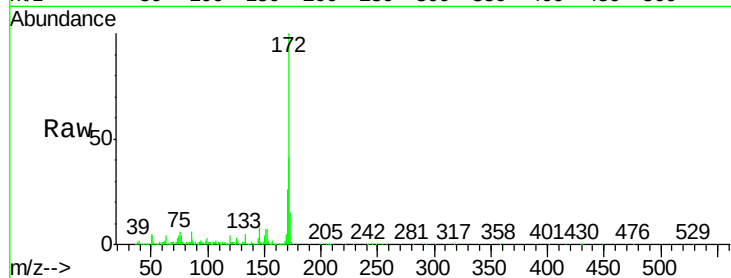




#44
2-Fluorobiphenyl
Concen: 96.64 ng
RT: 13.51 min Scan# 1816
Delta R.T. -0.01 min
Lab File: BG024719.D
Acq: 5 Nov 2016 19:08

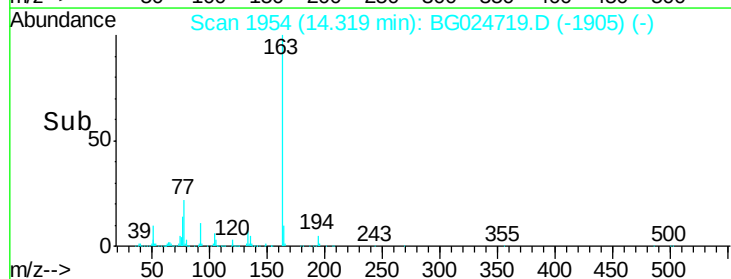
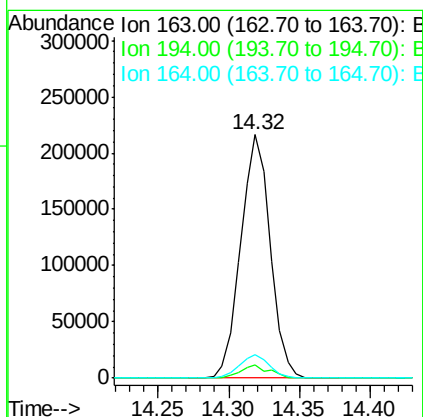
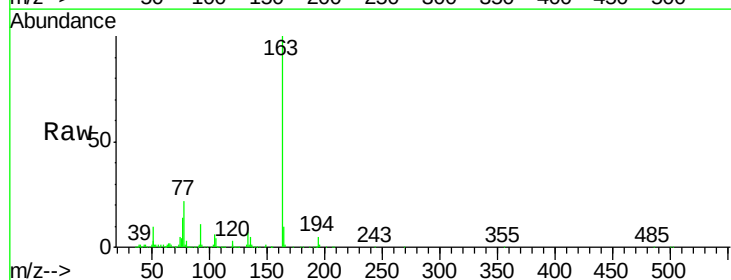
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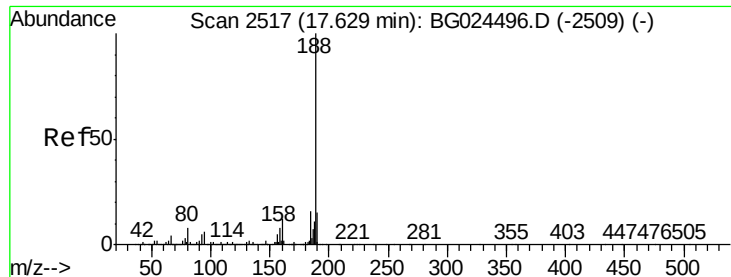
Tgt Ion:172 Resp: 1855840
Ion Ratio Lower Upper
172 100
171 40.6 32.2 48.2
170 26.4 21.8 32.6



#49
Dimethylphthalate
Concen: 13.94 ng
RT: 14.32 min Scan# 1954
Delta R.T. -0.01 min
Lab File: BG024719.D
Acq: 5 Nov 2016 19:08

Tgt Ion:163 Resp: 315973
Ion Ratio Lower Upper
163 100
194 5.3 3.8 5.6
164 9.6 9.3 13.9

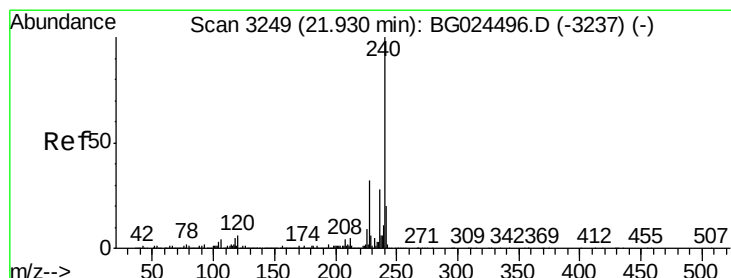
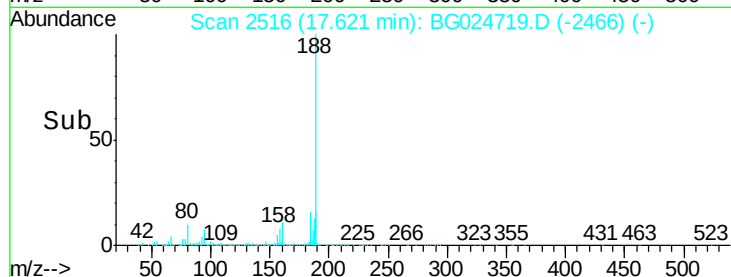
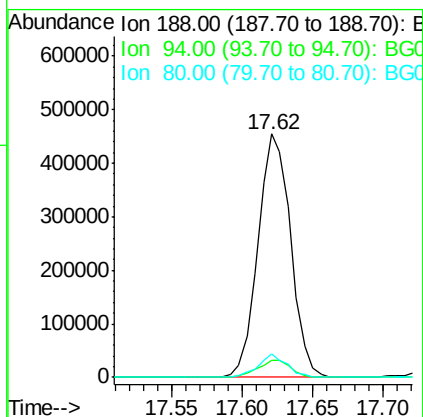
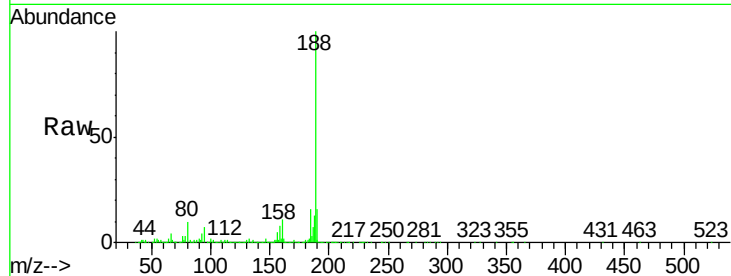




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.62 min Scan# 2516
Delta R.T. -0.01 min
Lab File: BG024719.D
Acq: 5 Nov 2016 19:08

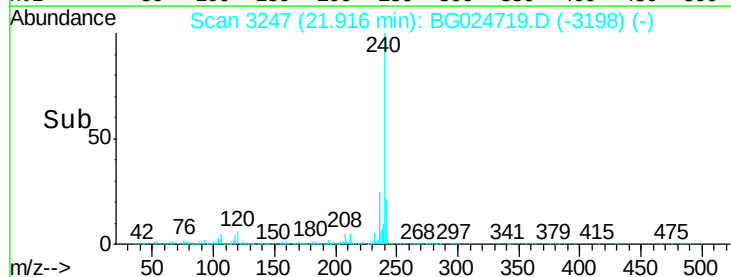
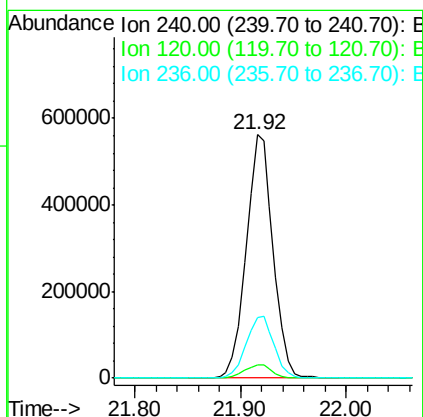
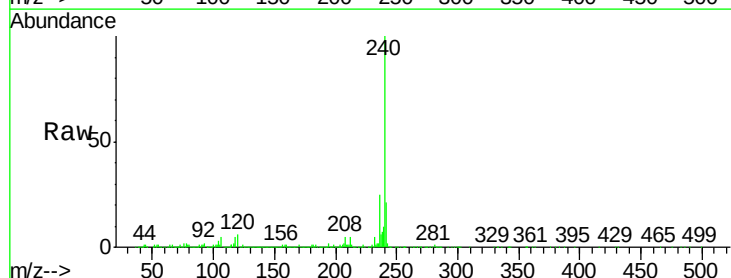
Instrument :
BNA_G
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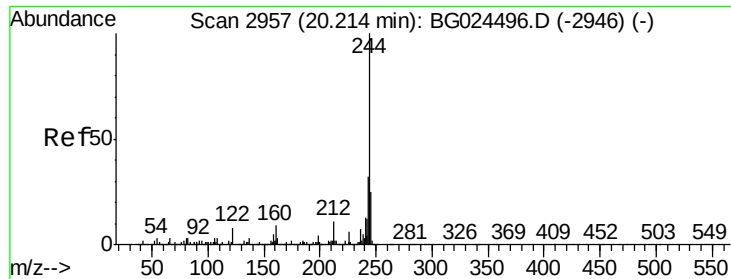
Tgt Ion:188 Resp: 738508
Ion Ratio Lower Upper
188 100
94 7.3 5.8 8.8
80 9.6 7.5 11.3



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.92 min Scan# 3247
Delta R.T. -0.01 min
Lab File: BG024719.D
Acq: 5 Nov 2016 19:08

Tgt Ion:240 Resp: 988023
Ion Ratio Lower Upper
240 100
120 5.6 5.7 8.5#
236 25.0 22.2 33.4

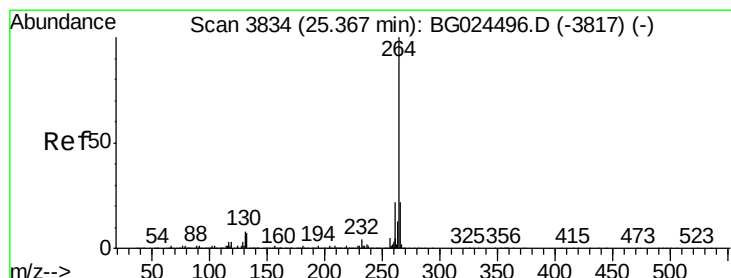
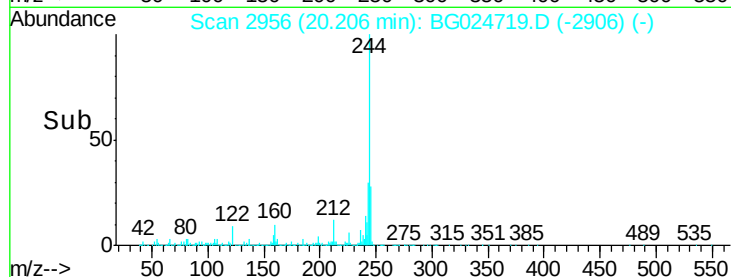
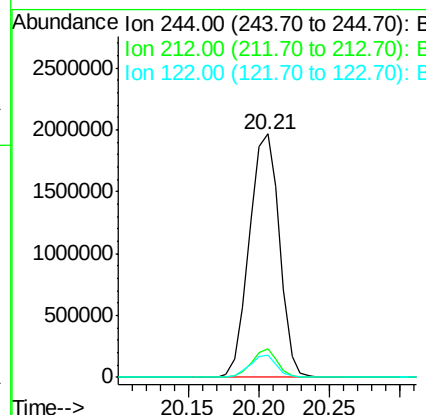
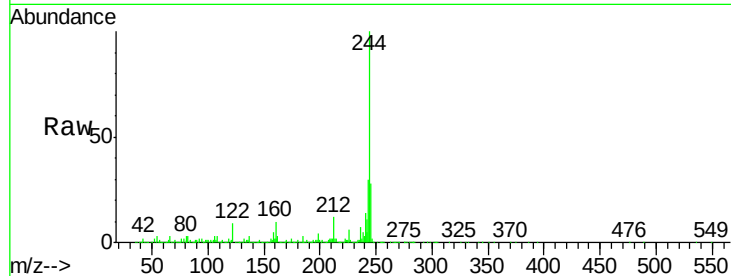




#78
 Terphenyl-d14
 Concen: 89.02 ng
 RT: 20.21 min Scan# 2956
 Delta R.T. -0.01 min
 Lab File: BG024719.D
 Acq: 5 Nov 2016 19:08

Instrument :
 BNA_G
 ClientSampleId :
 GW-107-12.3-26.0

Tgt Ion:244 Resp: 2943506
 Ion Ratio Lower Upper
 244 100
 212 11.6 10.0 15.0
 122 9.0 8.6 12.8



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.35 min Scan# 3832
 Delta R.T. -0.01 min
 Lab File: BG024719.D
 Acq: 5 Nov 2016 19:08

Tgt Ion:264 Resp: 1021344
 Ion Ratio Lower Upper
 264 100
 260 21.6 21.8 32.8#
 265 19.2 18.2 27.4

