

Data Path : U:\HPCHEM1\BNA G\DATA\BG022416\
 Data File : BG021061.D
 Acq On : 24 Feb 2016 21:11
 Operator : UM/SJ
 Sample : H1521-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 24 23:59:14 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 24 00:35:06 2016
 Response via : Initial Calibration

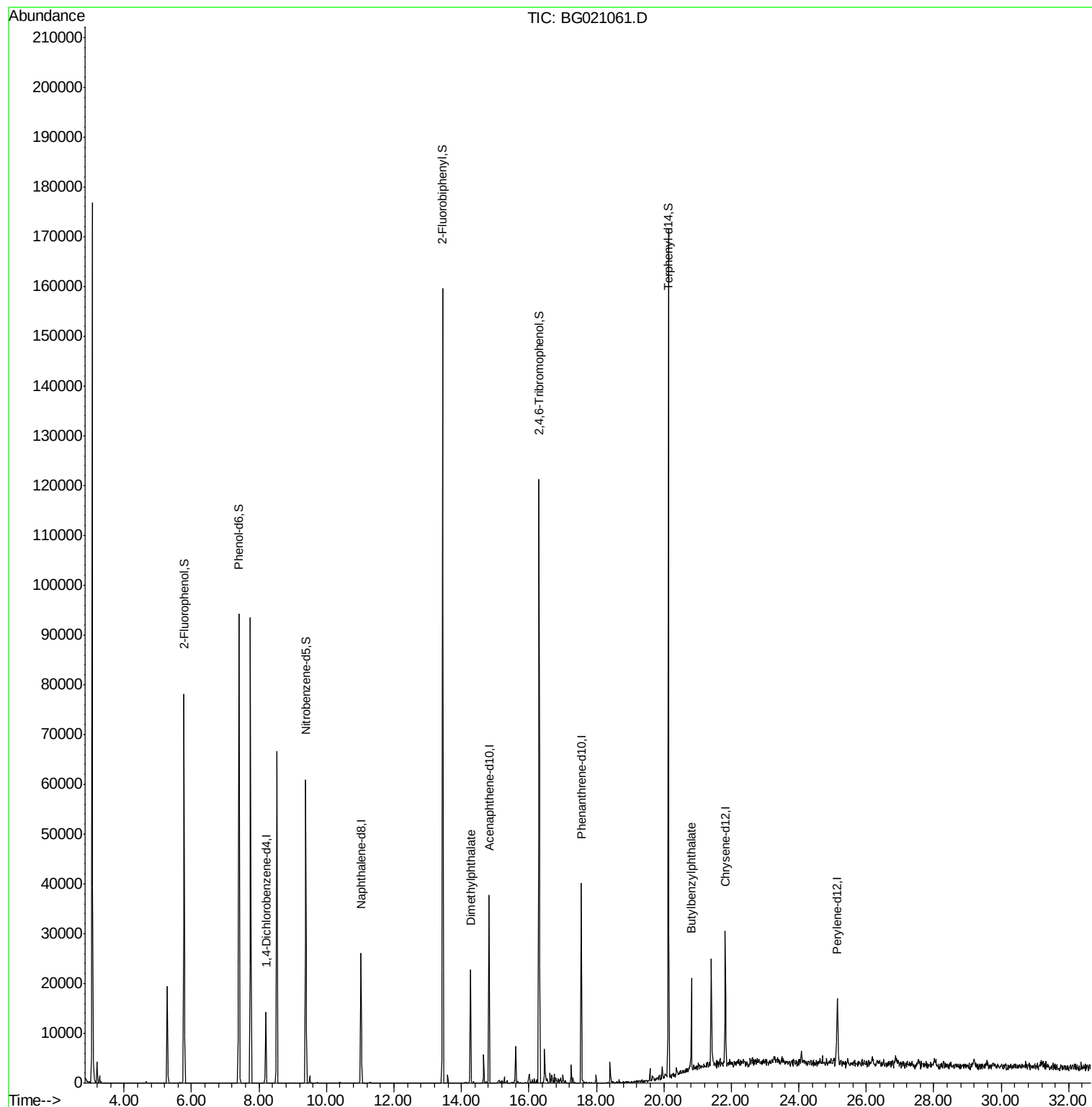
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.20	152	4341	20.00	ng	0.00
21) Naphthalene-d8	11.02	136	24045	20.00	ng	0.00
38) Acenaphthene-d10	14.82	164	13291	20.00	ng	0.00
63) Phenanthrene-d10	17.55	188	24015	20.00	ng	0.00
75) Chrysene-d12	21.82	240	16744	20.00	ng	0.00
86) Perylene-d12	25.14	264	16897	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.78	112	35985	145.33	ng	-0.01
7) Phenol-d6	7.40	99	57434	150.61	ng	-0.01
23) Nitrobenzene-d5	9.39	82	38825	94.80	ng	0.00
41) 2,4,6-Tribromophenol	16.31	330	20903	131.28	ng	0.00
44) 2-Fluorobiphenyl	13.45	172	80489	84.31	ng	0.00
78) Terphenyl-d14	20.14	244	67329	52.18	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.27	163	15554	14.35	ng	99
79) Butylbenzylphthalate	20.81	149	5920	8.77	ng	97

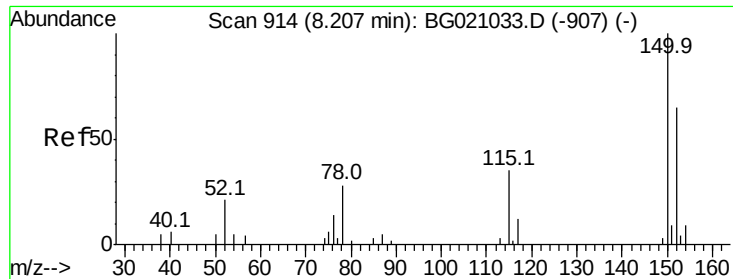
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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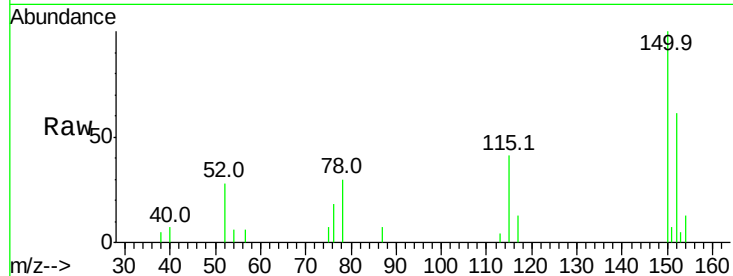


#1

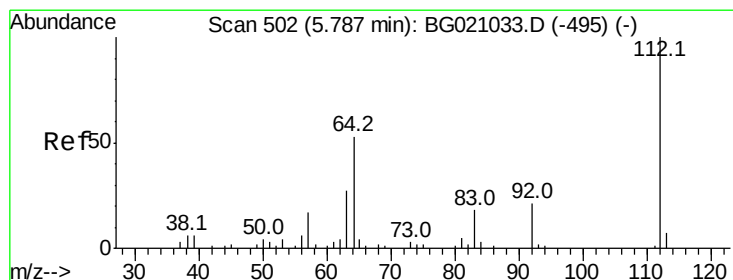
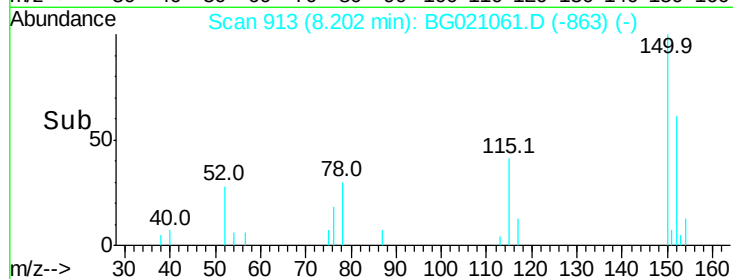
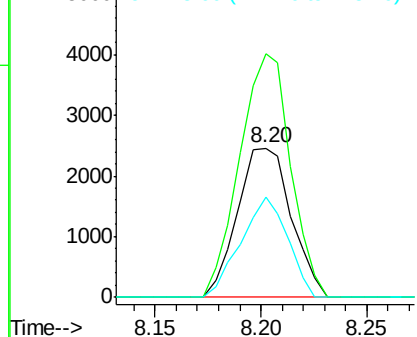
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.20 min Scan# 913
Delta R.T. -0.00 min
Lab File: BG021061.D
Acq: 24 Feb 2016 21:11

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 4341
Ion Ratio Lower Upper
152 100
150 163.3 123.4 185.2
115 67.6 43.3 64.9#



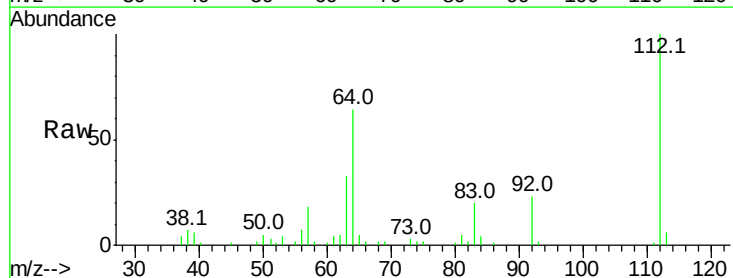
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



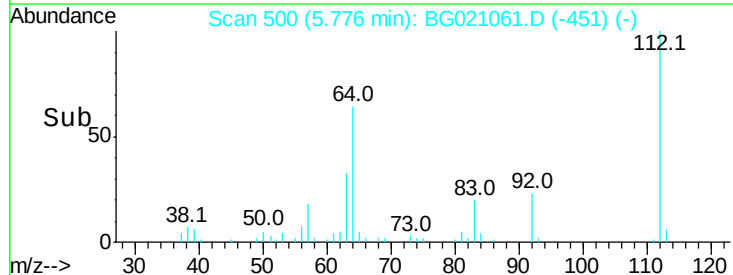
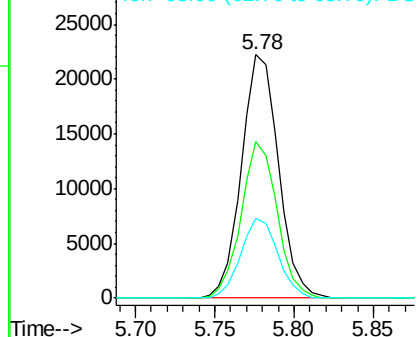
#5

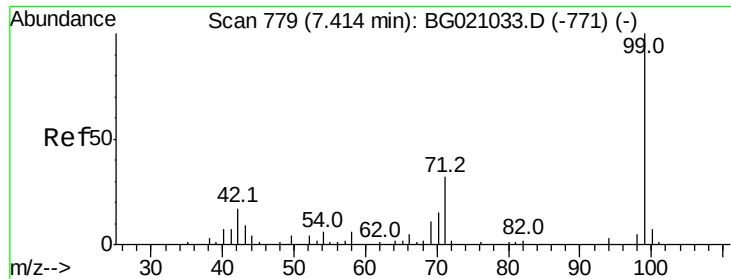
2-Fluorophenol
Concen: 145.33 ng
RT: 5.78 min Scan# 500
Delta R.T. -0.01 min
Lab File: BG021061.D
Acq: 24 Feb 2016 21:11

Tgt Ion:112 Resp: 35985
Ion Ratio Lower Upper
112 100
64 64.1 42.6 63.8#
63 33.0 21.7 32.5#



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: 150.61 ng

RT: 7.40 min Scan# 777

Delta R.T. -0.01 min

Lab File: BG021061.D

Acq: 24 Feb 2016 21:11

Instrument :

BNA_G

ClientSampleId :

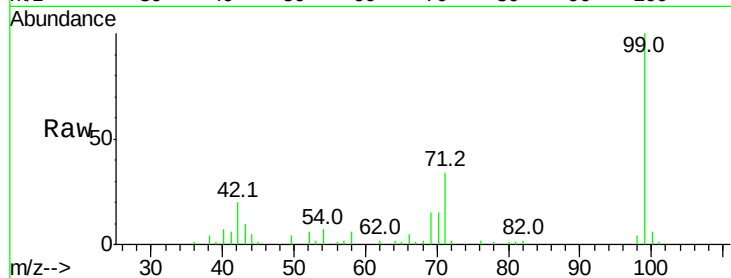
Tot Ion: 99 Resp: 57434

Ion Ratio Lower Upper

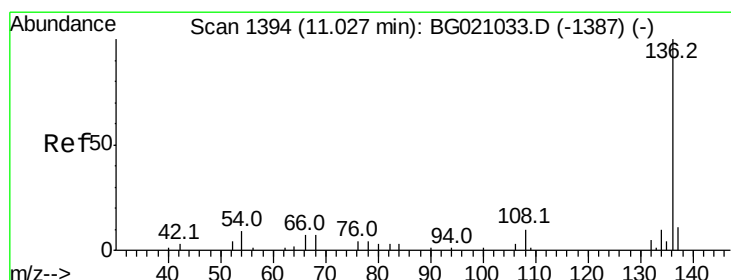
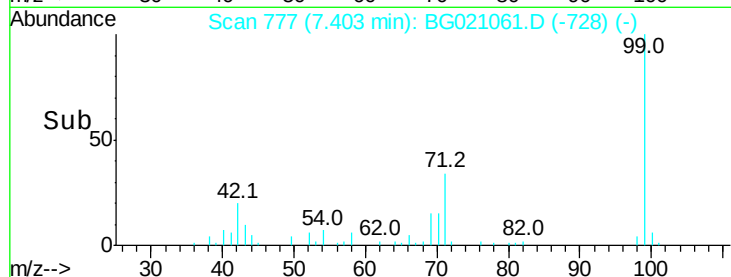
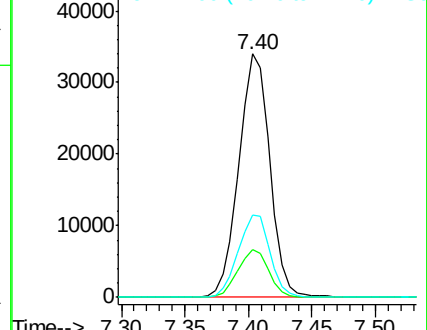
99 100

42 19.5 13.2 19.8

71 33.8 25.2 37.8



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.02 min Scan# 1393

Delta R.T. -0.00 min

Lab File: BG021061.D

Acq: 24 Feb 2016 21:11

Tgt Ion: 136 Resp: 24045

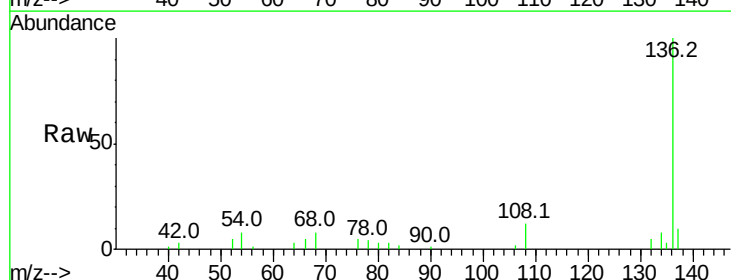
Ion Ratio Lower Upper

136 100

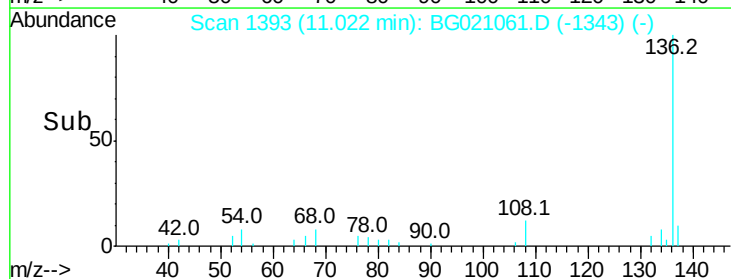
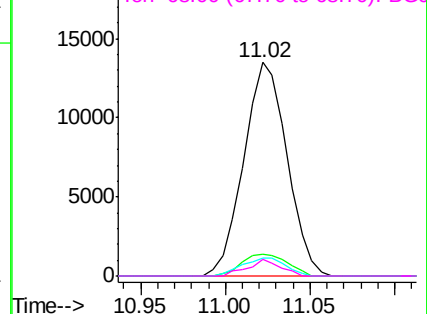
137 10.4 8.8 13.2

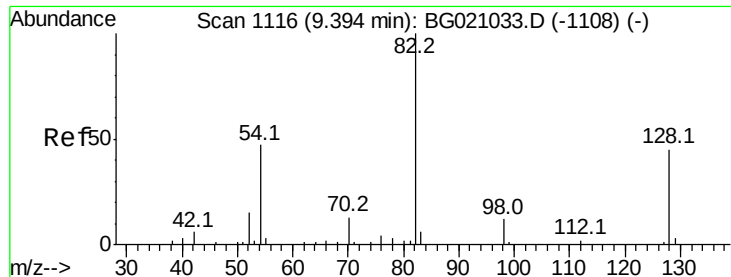
54 8.2 6.9 10.3

68 7.7 5.8 8.6



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

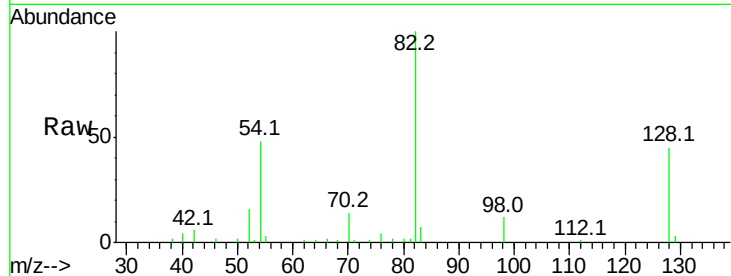




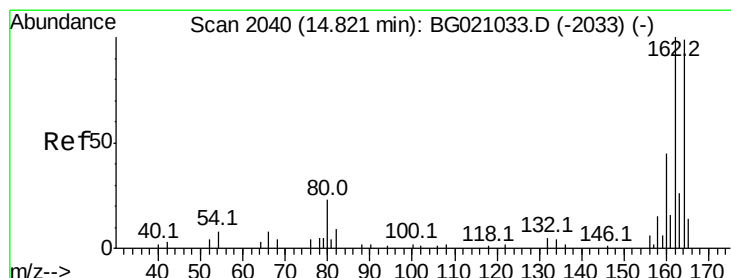
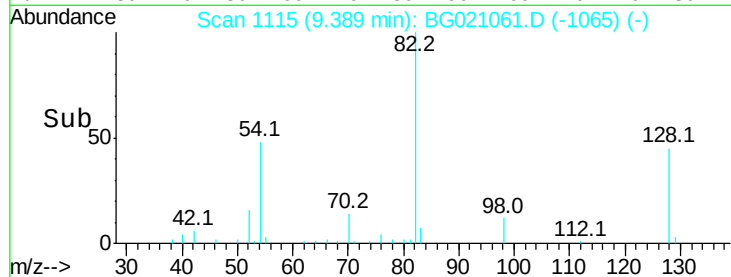
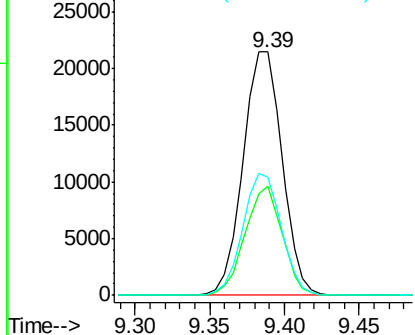
#23
Nitrobenzene-d5
Concen: 94.80 ng
RT: 9.39 min Scan# 1115
Delta R.T. -0.00 min
Lab File: BG021061.D
Acq: 24 Feb 2016 21:11

Instrument :
BNA_G
ClientSampled :

Tot Ion	82	Resp	38825
Ion Ratio	100	Lower	Upper
128	44.7	36.3	54.5
54	48.4	37.6	56.4

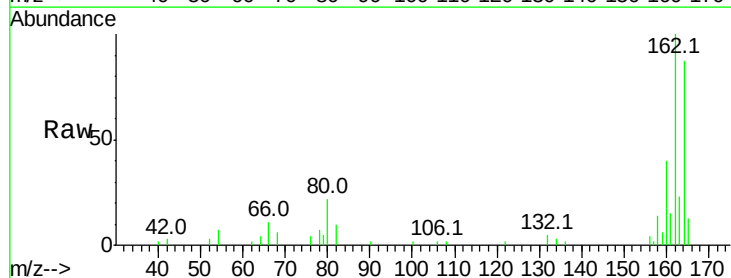


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

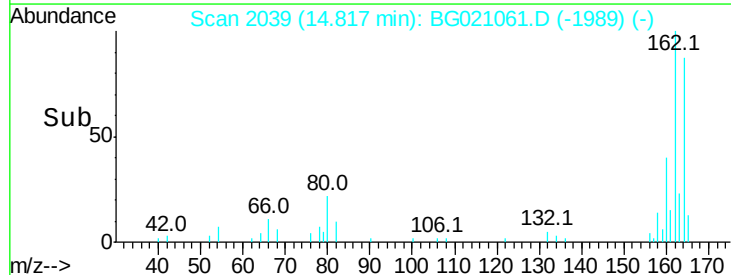
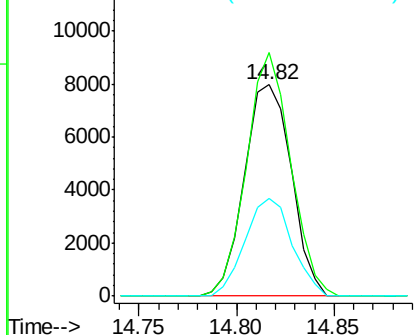


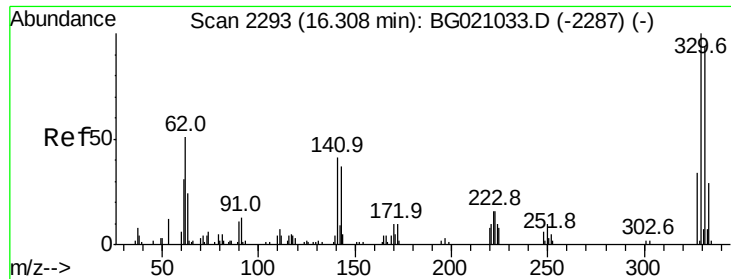
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.82 min Scan# 2039
Delta R.T. -0.00 min
Lab File: BG021061.D
Acq: 24 Feb 2016 21:11

Tgt Ion	164	Resp	13291
Ion Ratio	100	Lower	Upper
162	115.1	80.6	120.8
160	46.5	36.5	54.7



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC

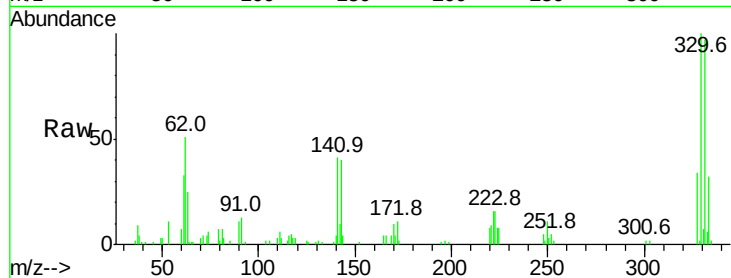




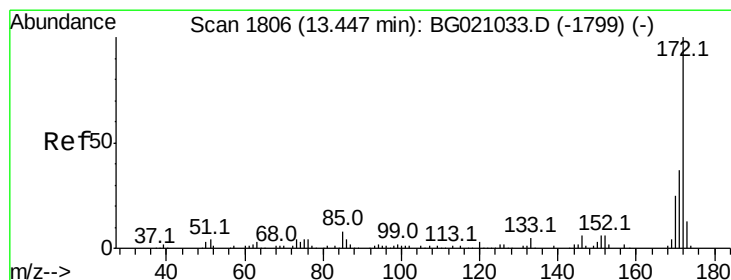
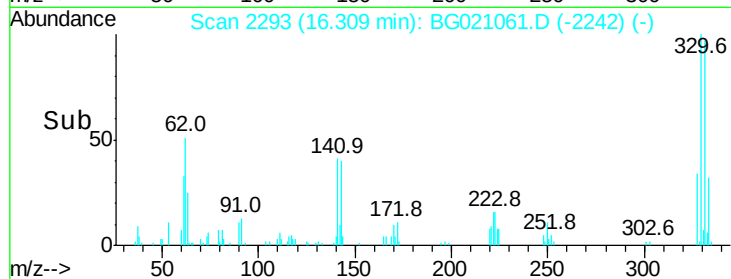
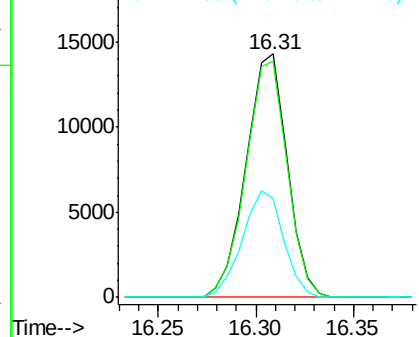
#41
 2,4,6-Tribromophenol
 Concen: 131.28 ng
 RT: 16.31 min Scan# 2293
 Delta R.T. 0.00 min
 Lab File: BG021061.D
 Acq: 24 Feb 2016 21:11

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:330 Resp: 20903
 Ion Ratio Lower Upper
 330 100
 332 97.4 77.4 116.0
 141 44.0 35.3 52.9

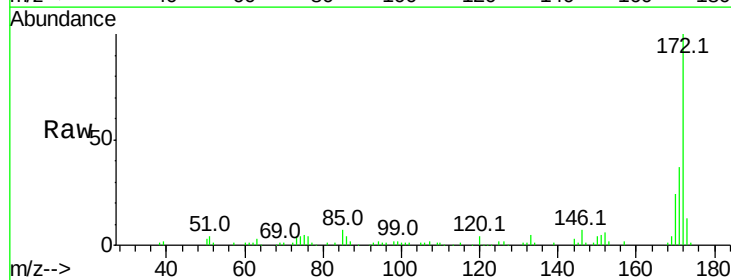


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

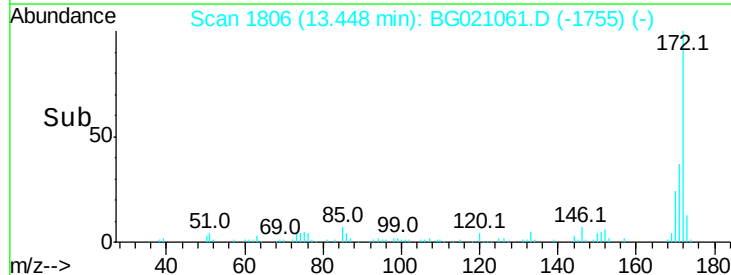
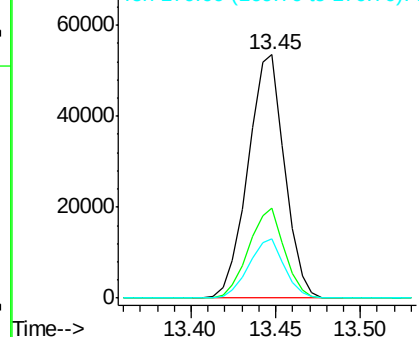


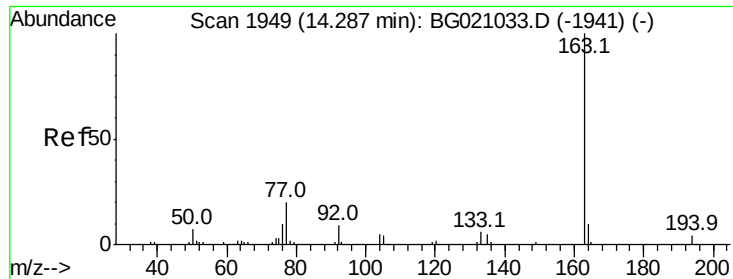
#44
 2-Fluorobiphenyl
 Concen: 84.31 ng
 RT: 13.45 min Scan# 1806
 Delta R.T. 0.00 min
 Lab File: BG021061.D
 Acq: 24 Feb 2016 21:11

Tgt Ion:172 Resp: 80489
 Ion Ratio Lower Upper
 172 100
 171 37.2 29.4 44.0
 170 24.2 19.8 29.8



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: 14.35 ng

RT: 14.27 min Scan# 1946

Delta R.T. -0.02 min

Lab File: BG021061.D

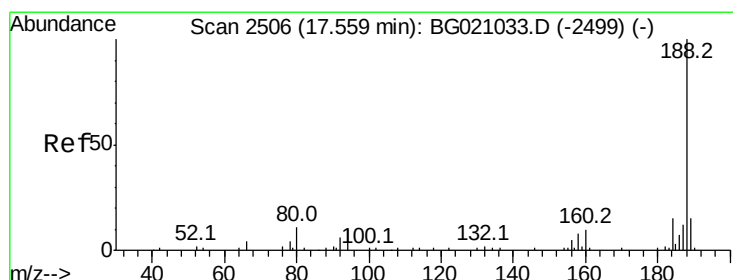
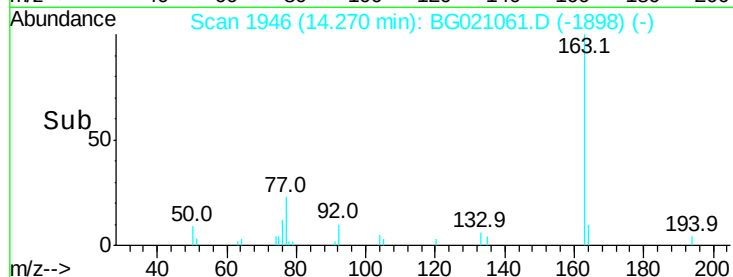
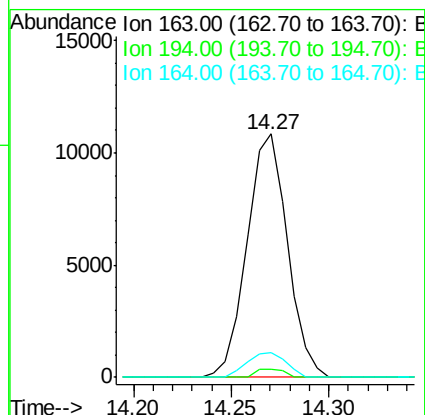
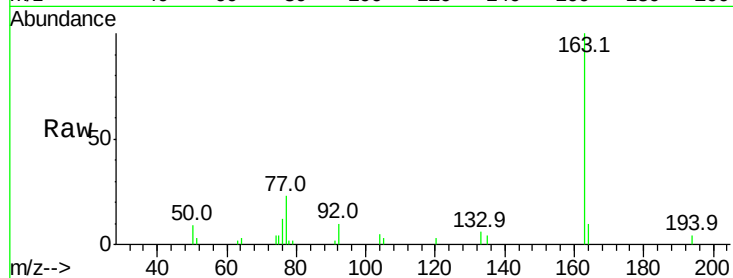
Acq: 24 Feb 2016 21:11

Instrument :

BNA_G

ClientSampled :

Tot Ion:163	Resp:	15554
Ion Ratio	Lower	Upper
163	100	
194	3.6	2.8 4.2
164	10.2	7.9 11.9



#63

Phenanthrene-d10

Concen: 20.00 ng

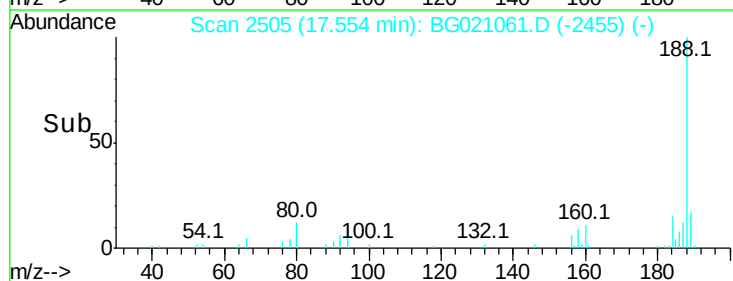
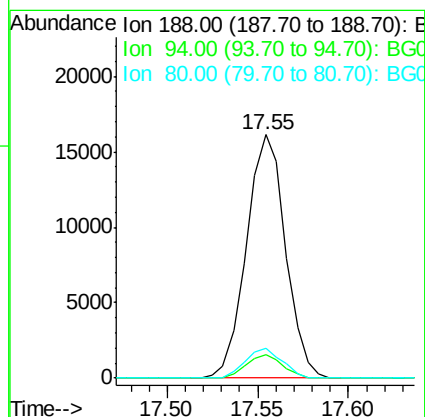
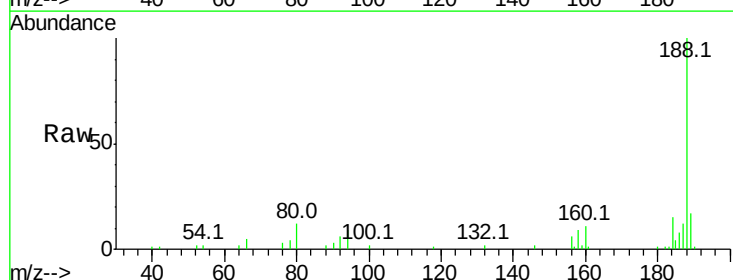
RT: 17.55 min Scan# 2505

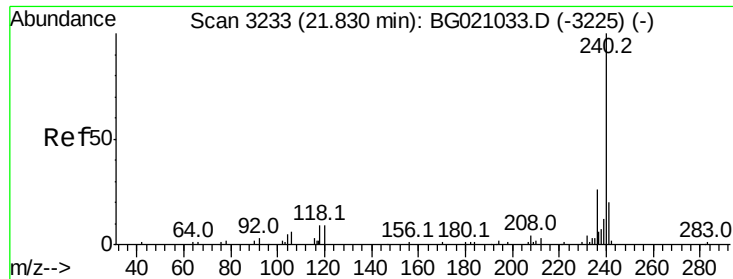
Delta R.T. -0.00 min

Lab File: BG021061.D

Acq: 24 Feb 2016 21:11

Tgt Ion:188	Resp:	24015
Ion Ratio	Lower	Upper
188	100	
94	9.5	8.2 12.4
80	12.5	9.2 13.8





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.82 min Scan# 3232

Delta R.T. -0.00 min

Lab File: BG021061.D

Acq: 24 Feb 2016 21:11

Instrument :

BNA_G

ClientSampled :

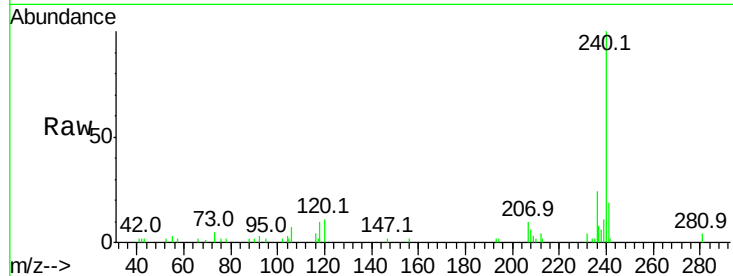
Tot Ion:240 Resp: 16744

Ion Ratio Lower Upper

240 100

120 11.2 7.5 11.3

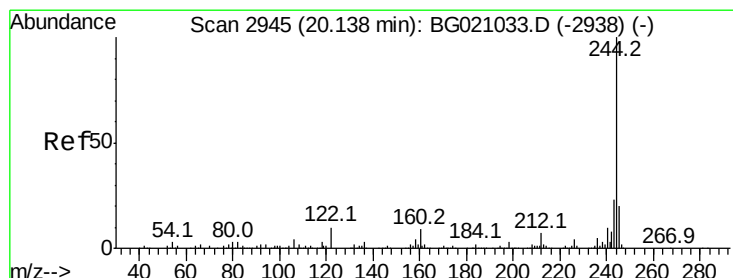
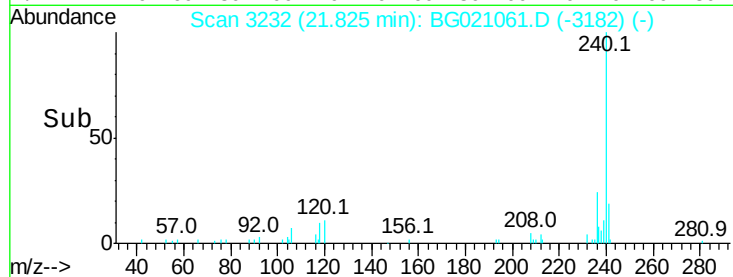
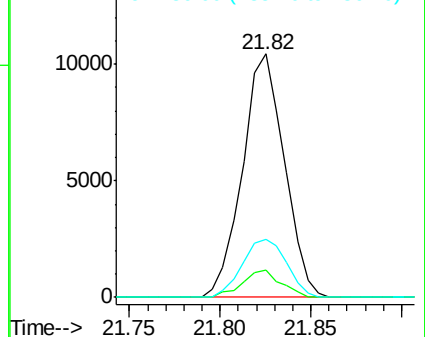
236 24.0 20.5 30.7



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: 52.18 ng

RT: 20.14 min Scan# 2945

Delta R.T. 0.00 min

Lab File: BG021061.D

Acq: 24 Feb 2016 21:11

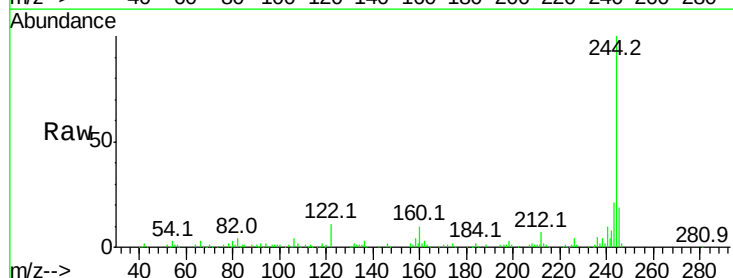
Tgt Ion:244 Resp: 67329

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.6

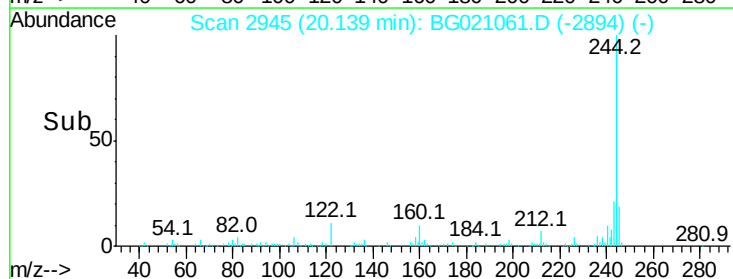
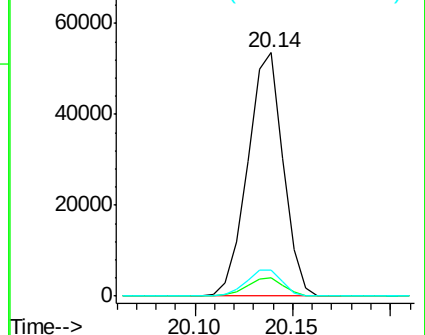
122 10.5 8.3 12.5

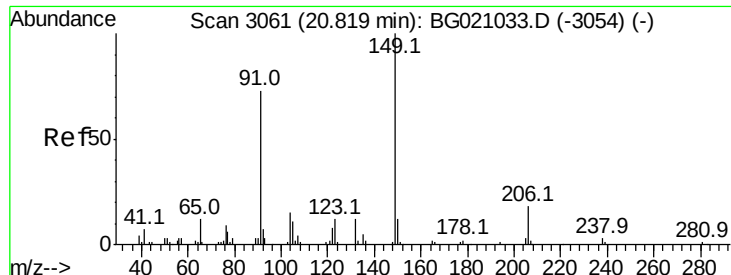


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

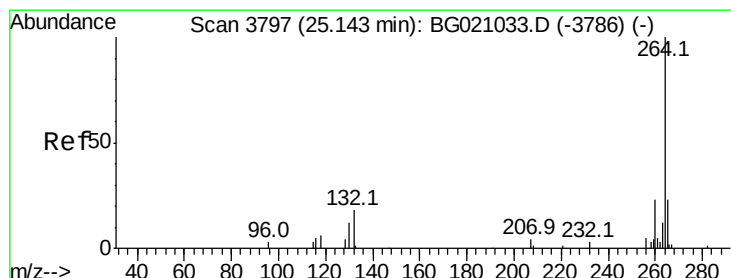
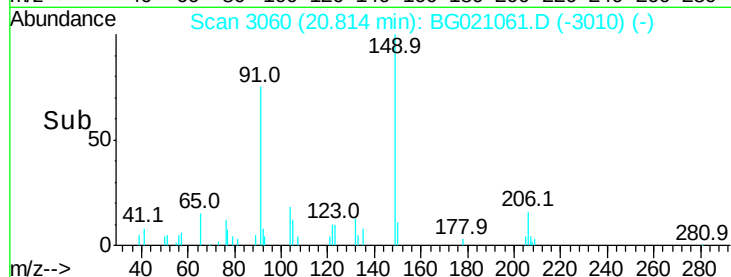
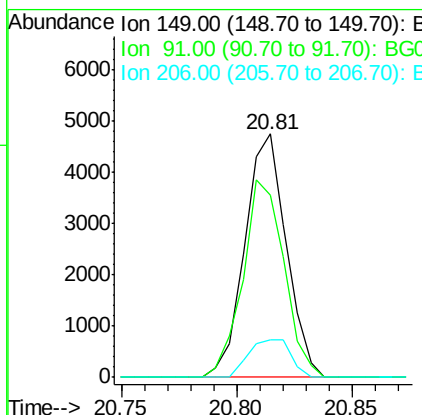
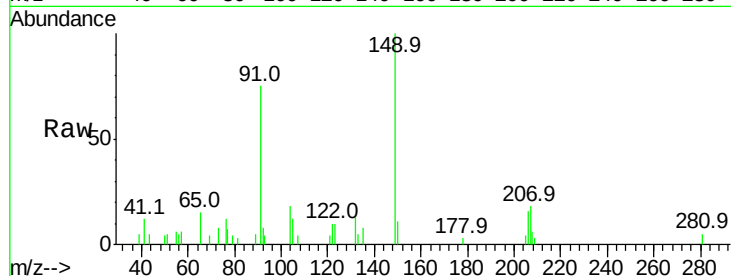




#79
 Butylbenzylphthalate
 Concen: 8.77 ng
 RT: 20.81 min Scan# 3060
 Delta R.T. -0.00 min
 Lab File: BG021061.D
 Acq: 24 Feb 2016 21:11

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:149 Resp: 5920
 Ion Ratio Lower Upper
 149 100
 91 74.9 58.6 87.8
 206 15.5 14.2 21.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.14 min Scan# 3797
 Delta R.T. 0.00 min
 Lab File: BG021061.D
 Acq: 24 Feb 2016 21:11

Tgt Ion:264 Resp: 16897
 Ion Ratio Lower Upper
 264 100
 260 22.0 18.5 27.7
 265 17.8 18.6 28.0#

