

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072518\
 Data File : BG035876.D
 Acq On : 25 Jul 2018 16:31
 Operator : JU/SJ
 Sample : J4110-03
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GS-RO-338-RO-147-RO-278

Quant Time: Jul 25 17:59:33 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 25 11:04:14 2018
 Response via : Initial Calibration

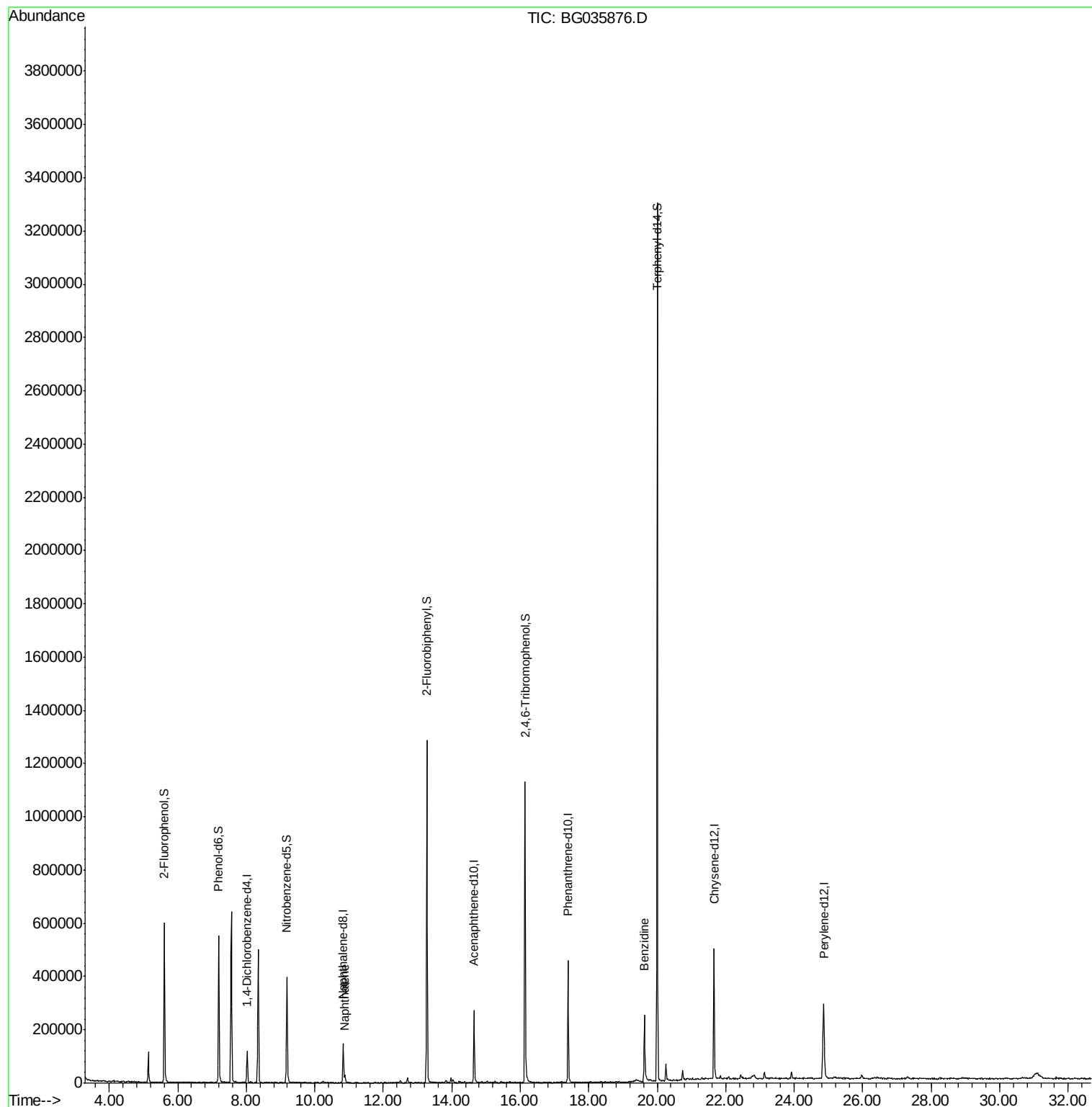
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	36215	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	131283	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	99996	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	302067	20.00	ng	0.00
75) Chrysene-d12	21.66	240	336923	20.00	ng	0.00
86) Perylene-d12	24.85	264	317048	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	262460	120.32	ng	0.00
7) Phenol-d6	7.19	99	358718	110.22	ng	0.00
23) Nitrobenzene-d5	9.19	82	288397	91.77	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	229869	174.41	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	712730	95.49	ng	0.00
78) Terphenyl-d14	20.00	244	1511356	98.88	ng	0.00
Target Compounds						
31) Naphthalene	10.88	128	19392	2.836	ng	Qvalue # 93
76) Benzidine	19.63	184	205699	23.222	ng	99

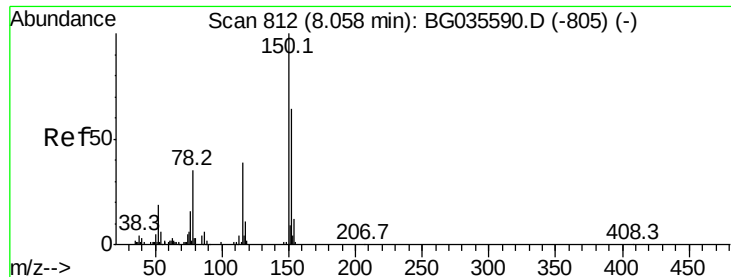
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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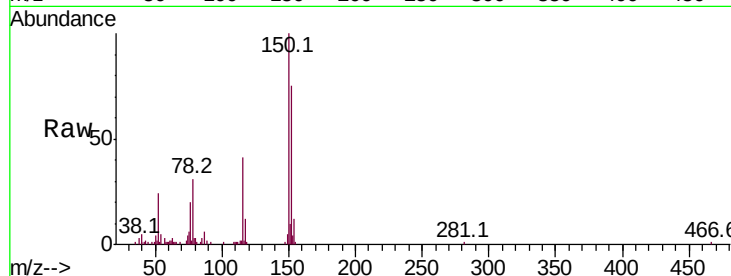


#1

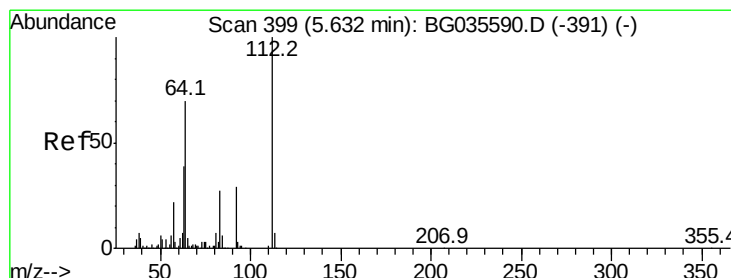
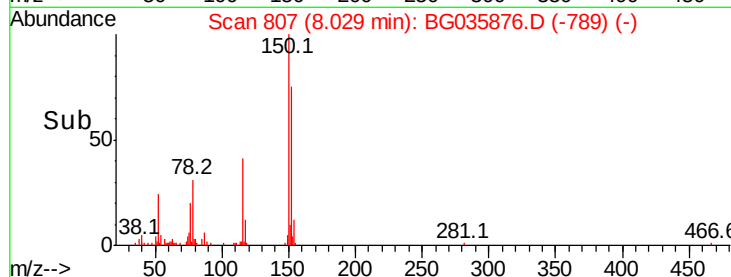
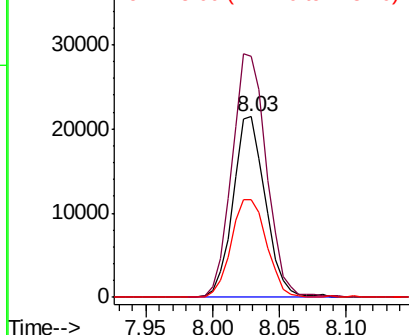
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 807
Delta R.T. 0.00 min
Lab File: BG035876.D
Acq: 25 Jul 2018 16:31

Instrument :
BNA_G
ClientSampleId :
GS-RO-338-RO-147-RO-278

Tot Ion:152 Resp: 36215
Ion Ratio Lower Upper
152 100
150 133.7 126.6 189.8
115 54.3 53.0 79.4



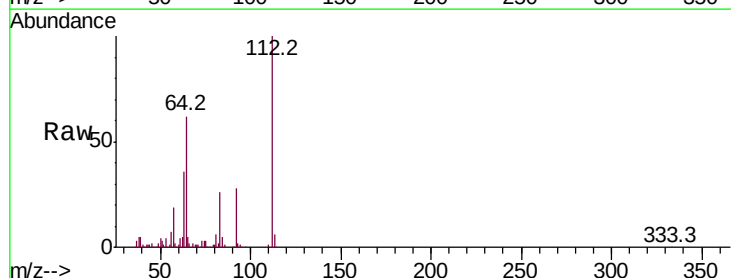
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



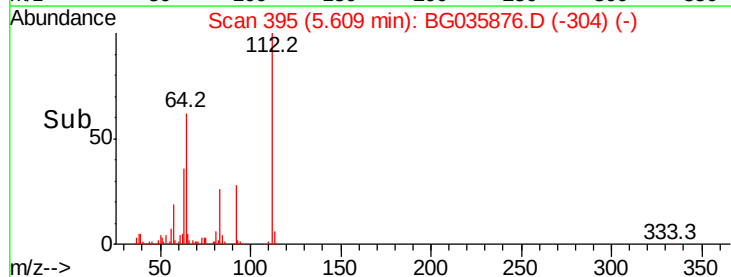
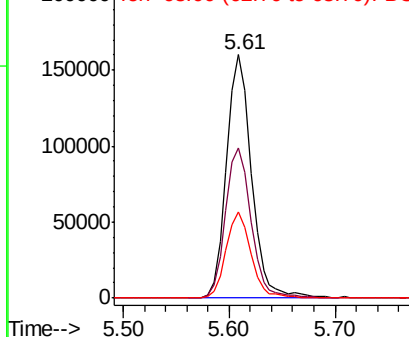
#5

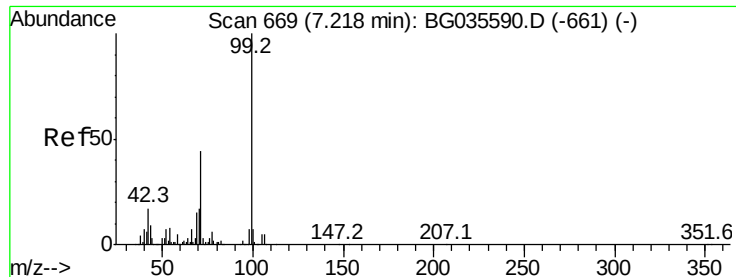
2-Fluorophenol
Concen: 120.322 ng
RT: 5.61 min Scan# 395
Delta R.T. 0.00 min
Lab File: BG035876.D
Acq: 25 Jul 2018 16:31

Tgt Ion:112 Resp: 262460
Ion Ratio Lower Upper
112 100
64 61.6 56.3 84.5
63 35.6 30.1 45.1



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: 110.222 ng

RT: 7.19 min Scan# 665

Delta R.T. -0.00 min

Lab File: BG035876.D

Acq: 25 Jul 2018 16:31

Instrument :

BNA_G

ClientSampleId :

GS-RO-338-RO-147-RO-278

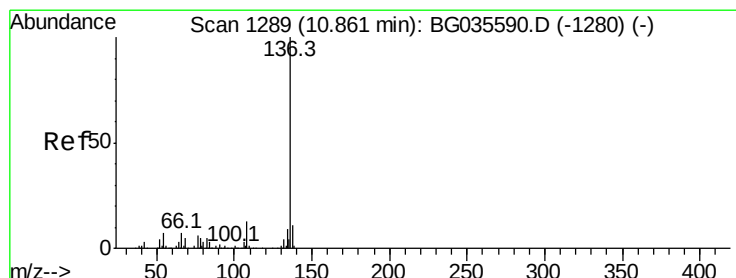
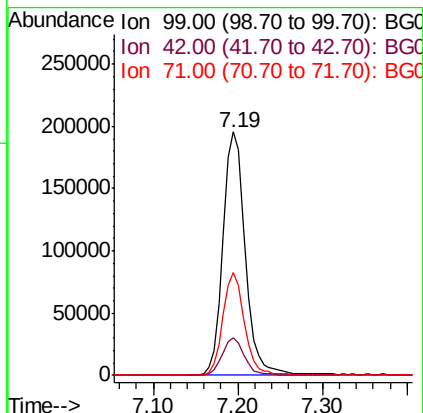
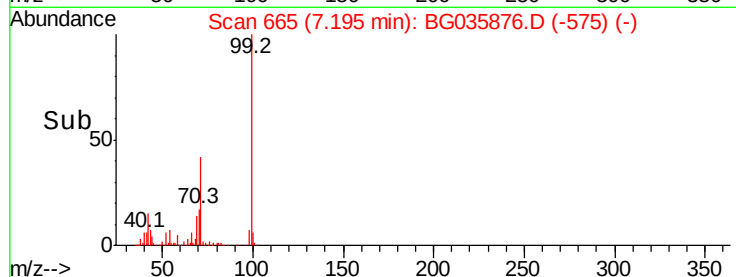
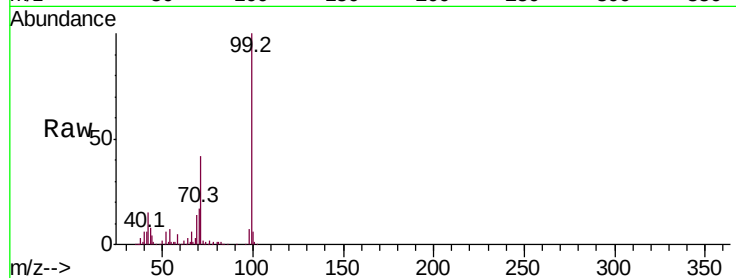
Tot Ion: 99 Resp: 358718

Ion Ratio Lower Upper

99 100

42 15.3 14.1 21.1

71 42.4 26.1 39.1#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.83 min Scan# 1284

Delta R.T. -0.00 min

Lab File: BG035876.D

Acq: 25 Jul 2018 16:31

Tgt Ion: 136 Resp: 131283

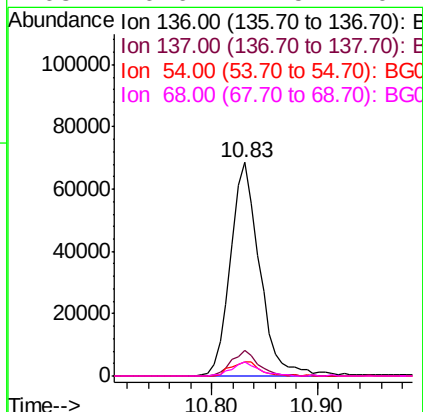
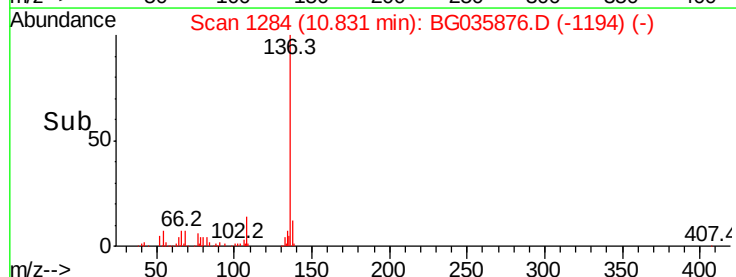
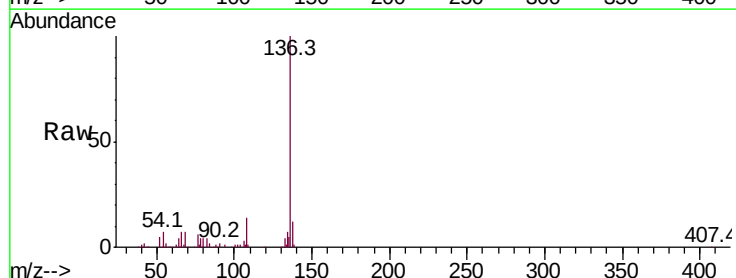
Ion Ratio Lower Upper

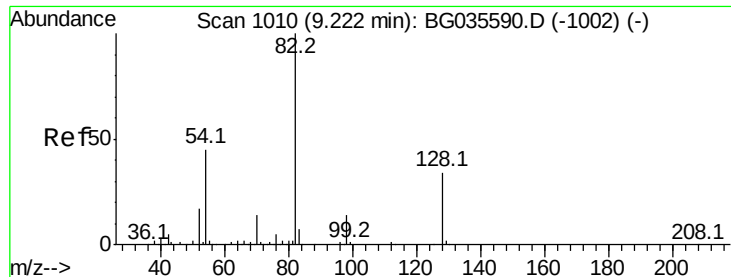
136 100

137 12.0 9.2 13.8

54 6.8 10.3 15.5#

68 6.6 4.5 6.7

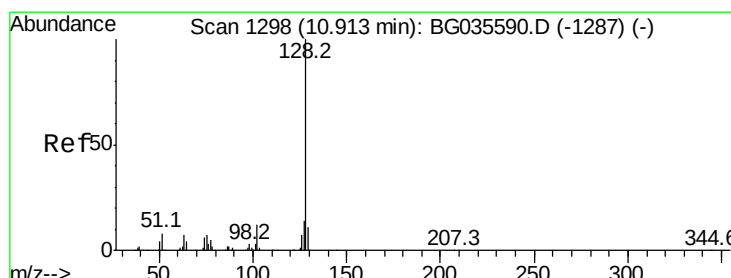
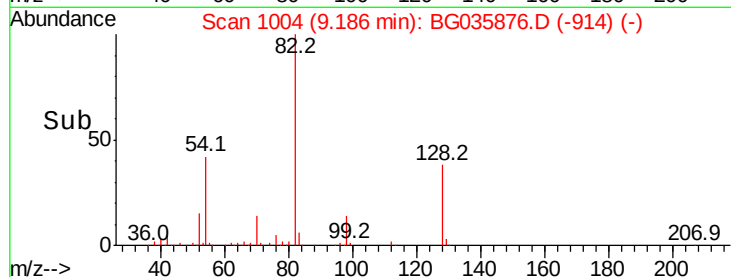
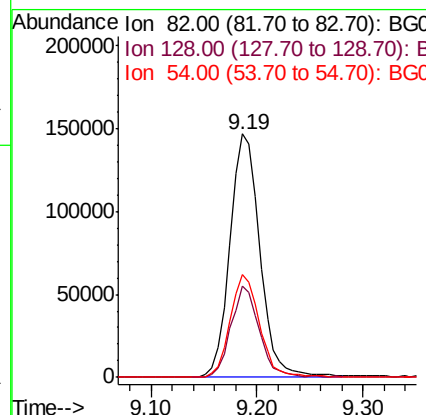
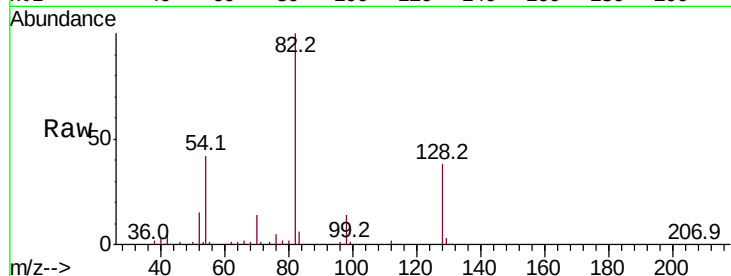




#23
Nitrobenzene-d5
Concen: 91.769 ng
RT: 9.19 min Scan# 1004
Delta R.T. -0.00 min
Lab File: BG035876.D
Acq: 25 Jul 2018 16:31

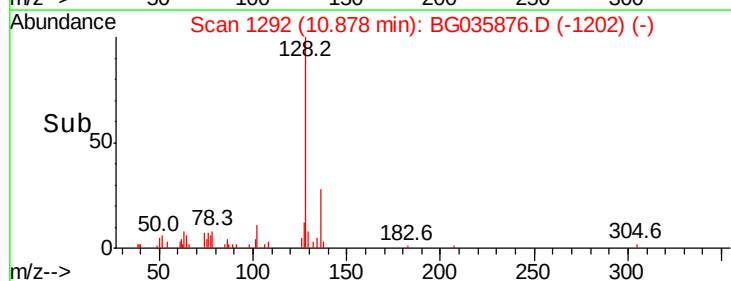
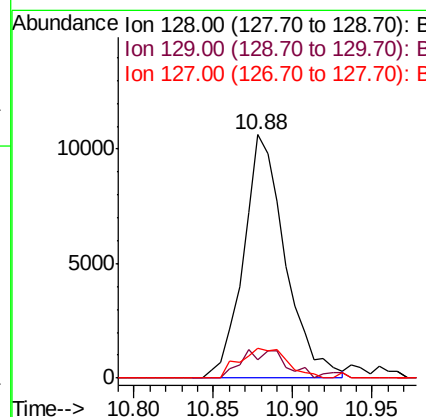
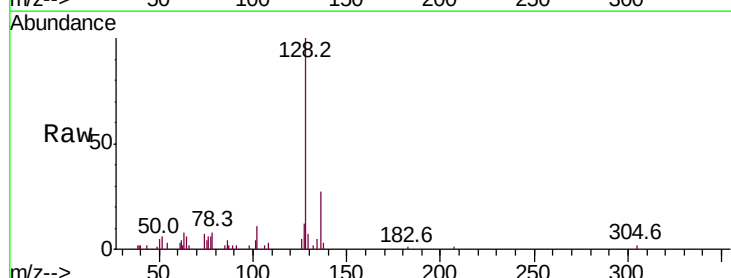
Instrument :
BNA_G
ClientSampleId :
GS-RO-338-RO-147-RO-278

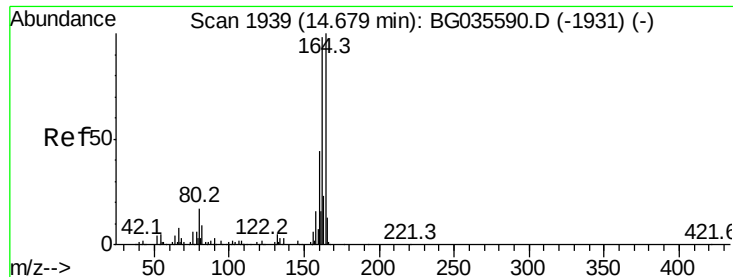
Tot Ion: 82 Resp: 288397
Ion Ratio Lower Upper
82 100
128 37.6 29.7 44.5
54 42.1 43.1 64.7#



#31
Naphthalene
Concen: 2.836 ng
RT: 10.88 min Scan# 1292
Delta R.T. -0.00 min
Lab File: BG035876.D
Acq: 25 Jul 2018 16:31

Tgt Ion: 128 Resp: 19392
Ion Ratio Lower Upper
128 100
129 7.4 8.6 12.8#
127 12.0 11.6 17.4





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.65 min Scan# 1934

Delta R.T. -0.00 min

Lab File: BG035876.D

Acq: 25 Jul 2018 16:31

Instrument :

BNA_G

ClientSampleId :

GS-RO-338-RO-147-RO-278

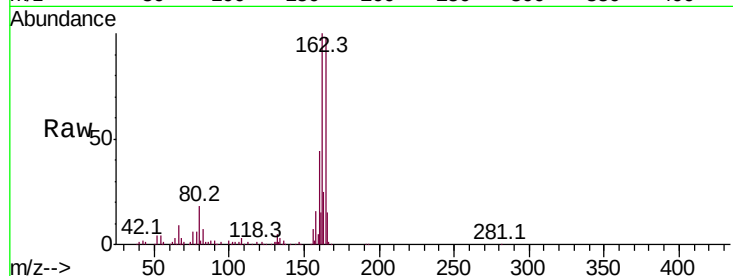
Tot Ion:164 Resp: 99996

Ion Ratio Lower Upper

164 100

162 102.5 78.8 118.2

160 45.5 35.4 53.0

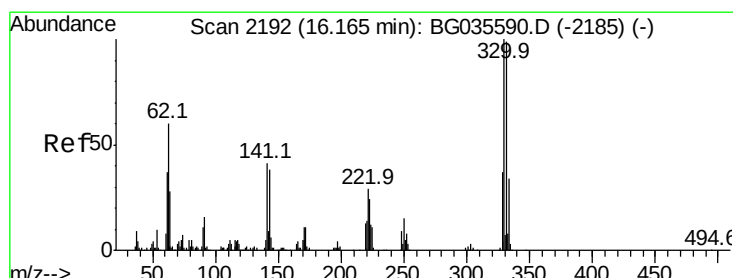
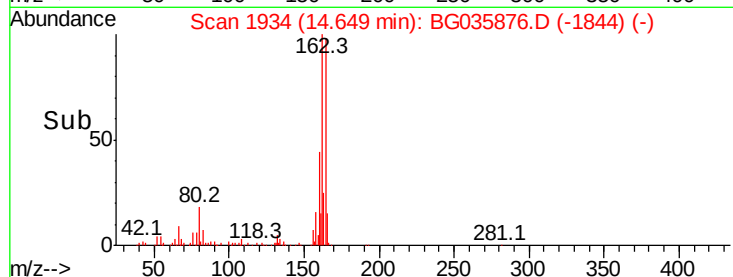
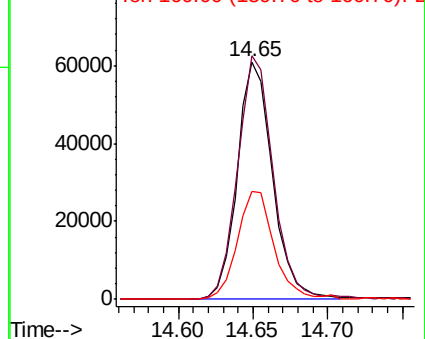


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 174.406 ng

RT: 16.14 min Scan# 2188

Delta R.T. -0.00 min

Lab File: BG035876.D

Acq: 25 Jul 2018 16:31

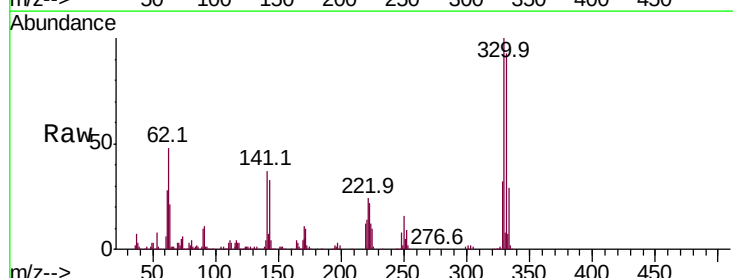
Tgt Ion:330 Resp: 229869

Ion Ratio Lower Upper

330 100

332 95.4 77.0 115.6

141 37.6 25.2 37.8

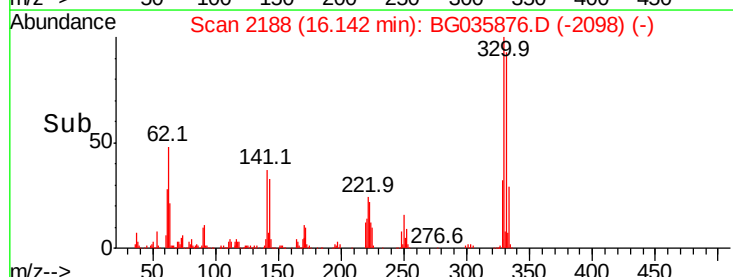
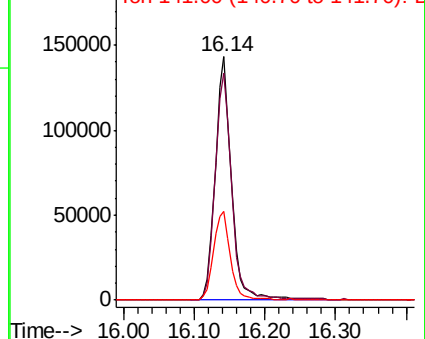


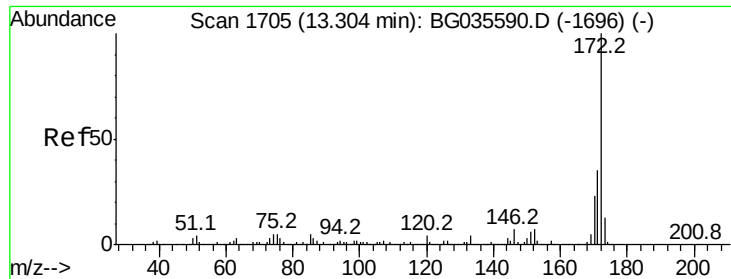
Abundance

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

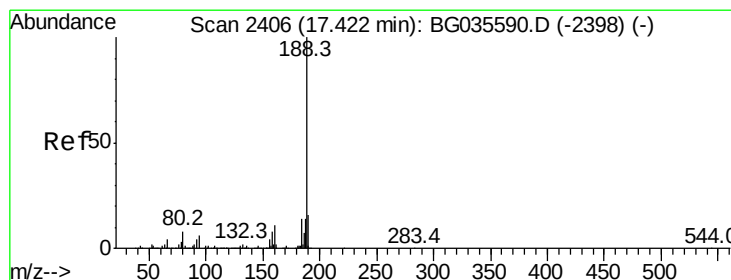
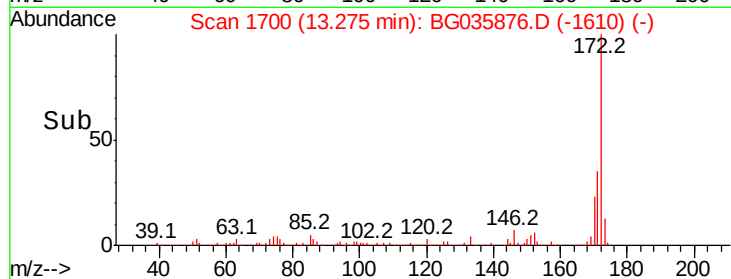
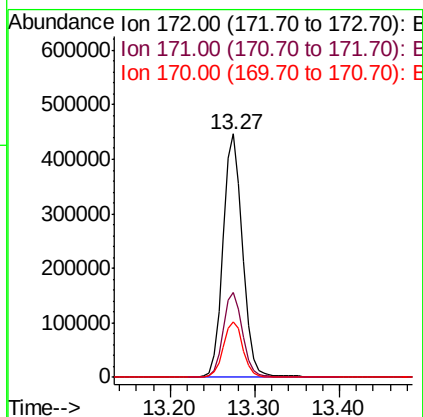
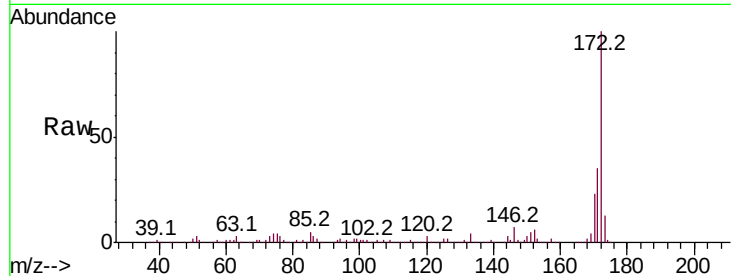




#44
2-Fluorobiphenyl
Concen: 95.491 ng
RT: 13.27 min Scan# 1700
Delta R.T. -0.00 min
Lab File: BG035876.D
Acq: 25 Jul 2018 16:31

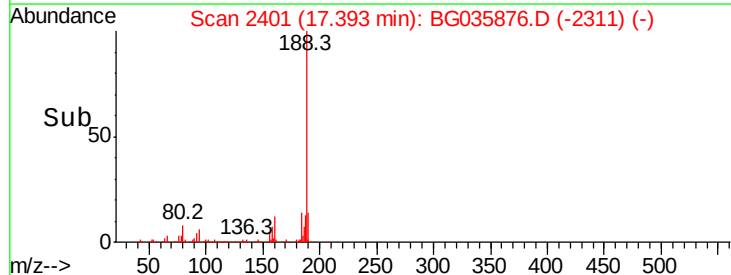
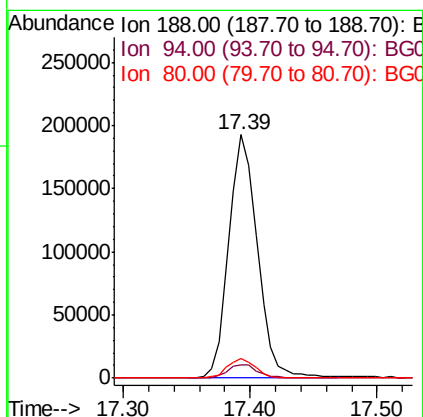
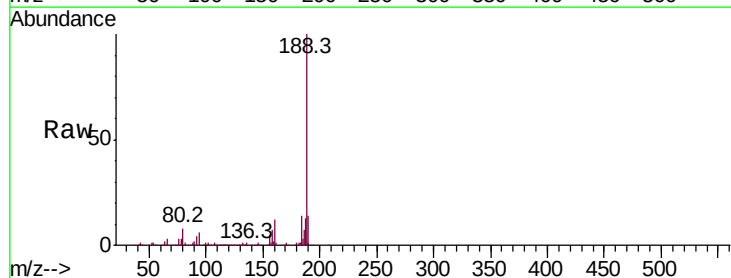
Instrument :
BNA_G
ClientSampleId :
GS-RO-338-RO-147-RO-278

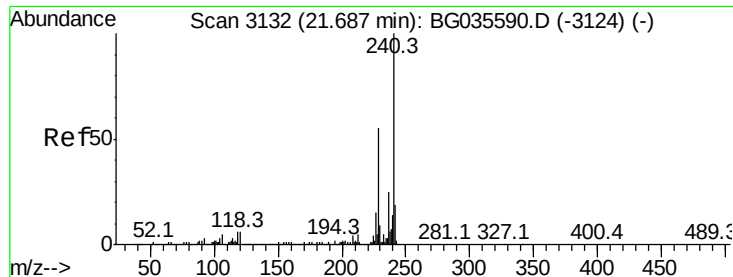
Tot Ion	Ratio	Lower	Upper
172	100		
171	34.8	30.0	45.0
170	22.9	19.5	29.3



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.39 min Scan# 2401
Delta R.T. -0.00 min
Lab File: BG035876.D
Acq: 25 Jul 2018 16:31

Tgt Ion	Ratio	Lower	Upper
188	100		
94	5.7	6.9	10.3#
80	8.1	7.7	11.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.66 min Scan# 3127

Delta R.T. -0.00 min

Lab File: BG035876.D

Acq: 25 Jul 2018 16:31

Instrument :

BNA_G

ClientSampleId :

GS-RO-338-RO-147-RO-278

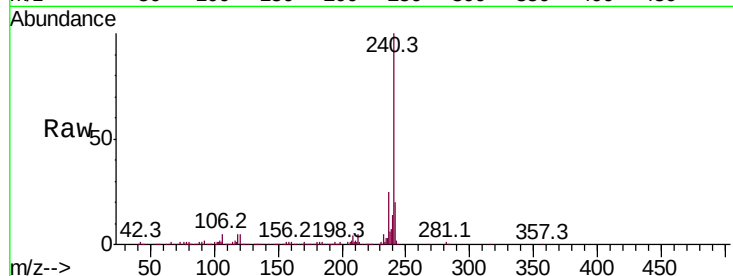
Tot Ion:240 Resp: 336923

Ion Ratio Lower Upper

240 100

120 5.3 6.8 10.2#

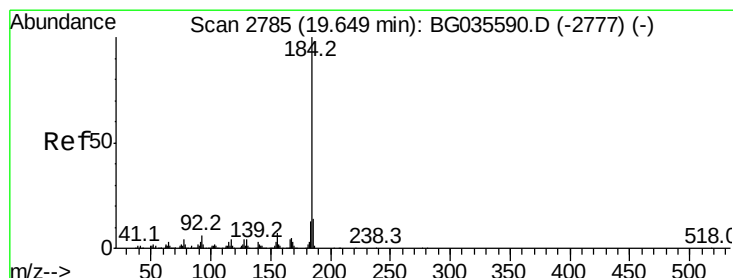
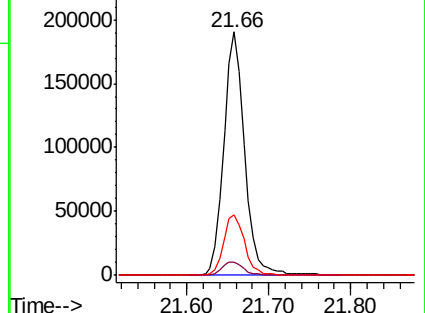
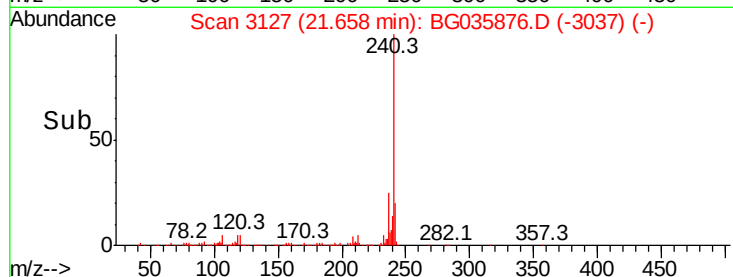
236 25.0 20.9 31.3



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



#76

Benzidine

Concen: 23.222 ng

RT: 19.63 min Scan# 2781

Delta R.T. -0.00 min

Lab File: BG035876.D

Acq: 25 Jul 2018 16:31

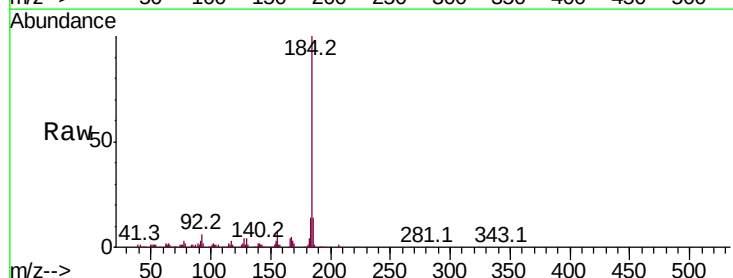
Tgt Ion:184 Resp: 205699

Ion Ratio Lower Upper

184 100

185 14.5 11.1 16.7

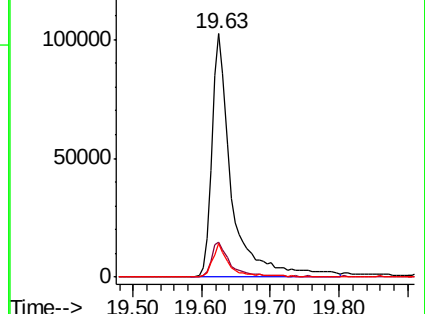
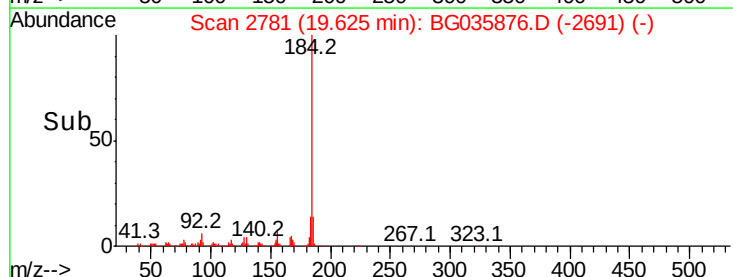
183 13.7 10.6 16.0

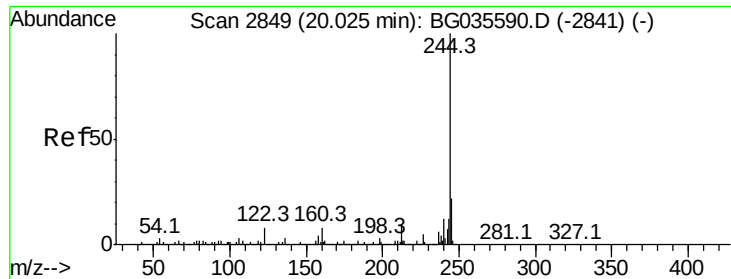


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

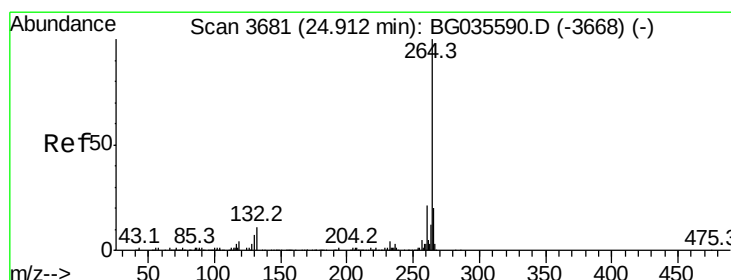
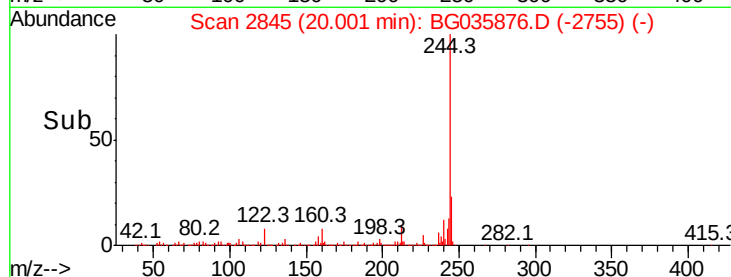
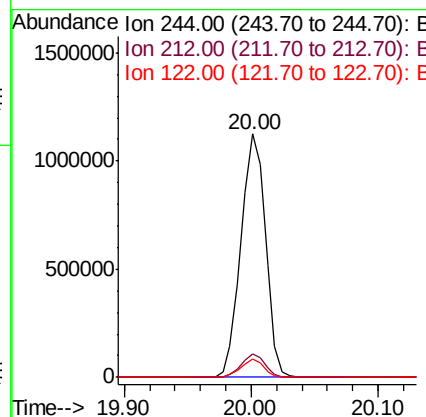
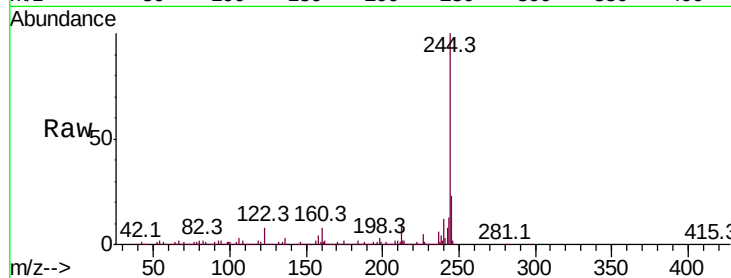




#78
 Terphenyl-d14
 Concen: 98.880 ng
 RT: 20.00 min Scan# 2845
 Delta R.T. -0.00 min
 Lab File: BG035876.D
 Acq: 25 Jul 2018 16:31

Instrument :
 BNA_G
 ClientSampleId :
 GS-RO-338-RO-147-RO-278

Tot Ion:244 Resp: 1511356
 Ion Ratio Lower Upper
 244 100
 212 9.7 5.8 8.8#
 122 7.5 7.0 10.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.85 min Scan# 3671
 Delta R.T. -0.01 min
 Lab File: BG035876.D
 Acq: 25 Jul 2018 16:31

Tgt Ion:264 Resp: 317048
 Ion Ratio Lower Upper
 264 100
 260 23.7 17.4 26.0
 265 21.2 17.7 26.5

