

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110719\
 Data File : BG043547.D
 Acq On : 7 Nov 2019 20:09
 Operator : JU
 Sample : K5723-09
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 9-B

Quant Time: Nov 08 04:48:55 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 04 15:22:15 2019
 Response via : Initial Calibration

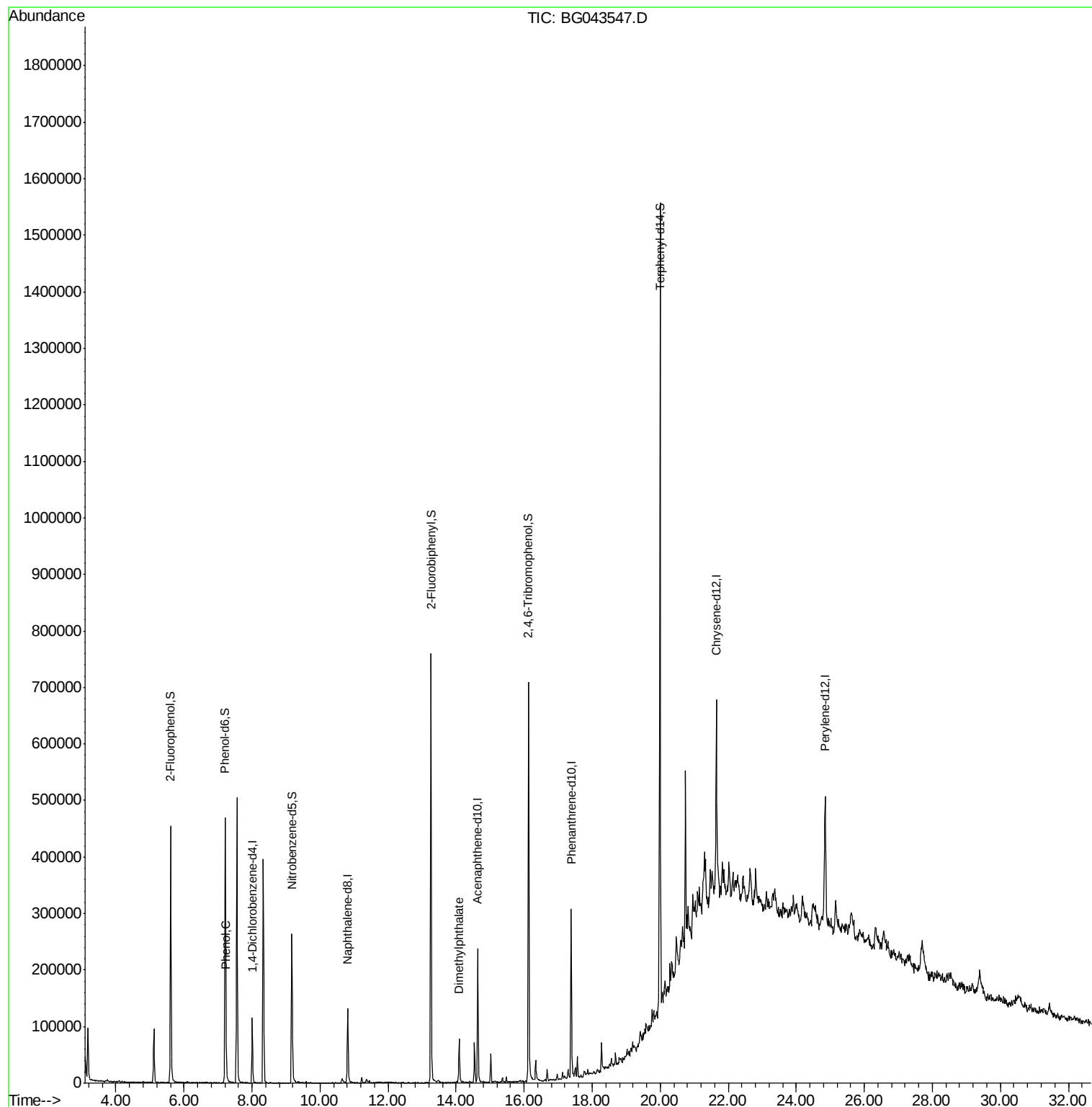
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	34219	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	128123	20.00	ng	0.00
39) Acenaphthene-d10	14.64	164	89394	20.00	ng	0.00
64) Phenanthrene-d10	17.38	188	209941	20.00	ng	0.00
76) Chrysene-d12	21.65	240	209023	20.00	ng	0.00
87) Perylene-d12	24.85	264	251875	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	218995	117.27	ng	0.02
7) Phenol-d6	7.21	99	302522	112.60	ng	0.02
23) Nitrobenzene-d5	9.17	82	186147	74.90	ng	0.00
42) 2,4,6-Tribromophenol	16.13	330	174112	102.35	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	459144	70.97	ng	0.00
79) Terphenyl-d14	20.00	244	796349	71.48	ng	0.00
Target Compounds						
10) Phenol	7.24	94	12424	5.060	ng	87
50) Dimethylphthalate	14.09	163	62053	8.962	ng	96

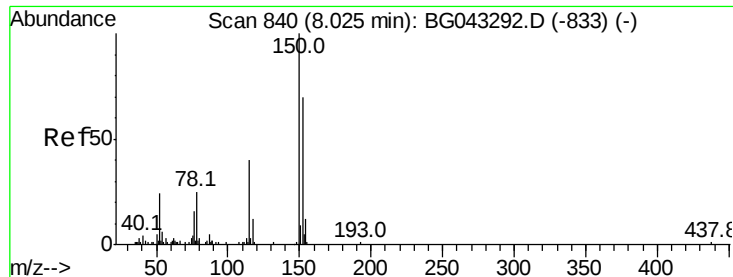
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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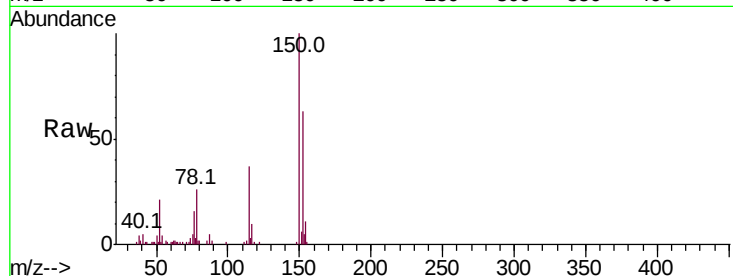


#1

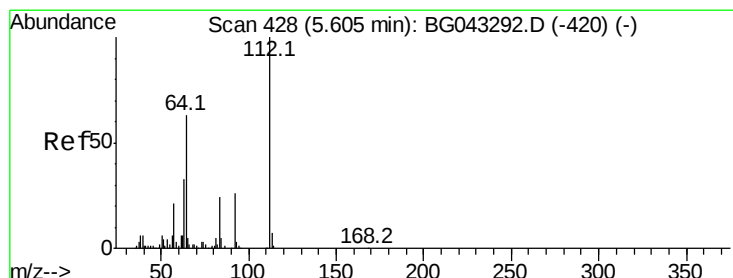
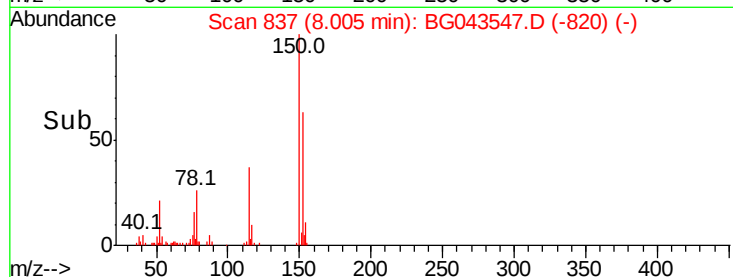
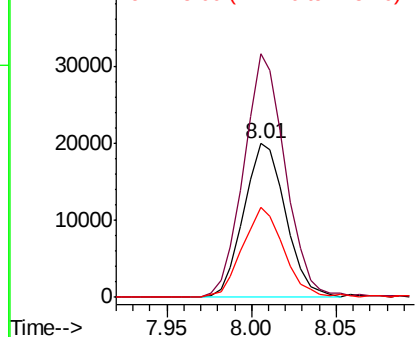
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 837
Delta R.T. -0.00 min
Lab File: BG043547.D
Acq: 7 Nov 2019 20:09

Instrument :
BNA_G
ClientSampleId :
9-B

Tot Ion:152 Resp: 34219
Ion Ratio Lower Upper
152 100
150 158.2 129.4 194.0
115 58.2 48.8 73.2



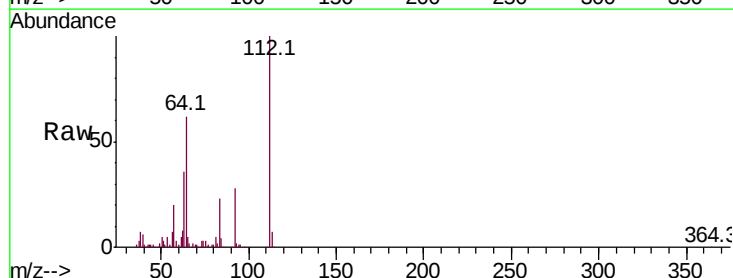
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



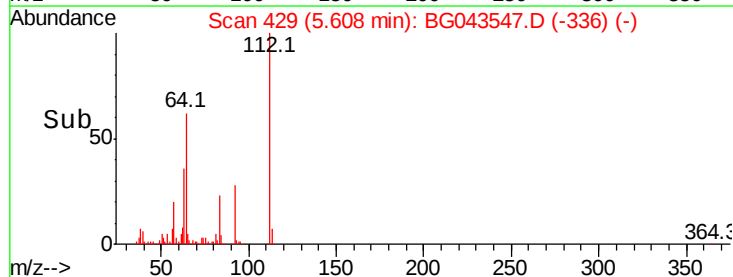
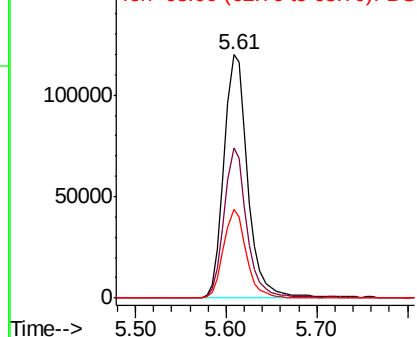
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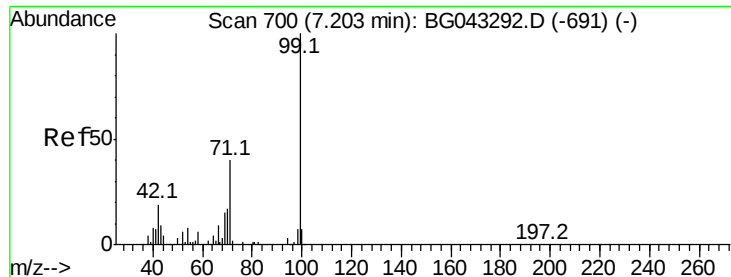
2-Fluorophenol
Concen: 117.273 ng
RT: 5.61 min Scan# 429
Delta R.T. 0.02 min
Lab File: BG043547.D
Acq: 7 Nov 2019 20:09

Tgt Ion:112 Resp: 218995
Ion Ratio Lower Upper
112 100
64 61.9 50.0 75.0
63 36.2 26.6 40.0



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: 112.598 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.02 min

Lab File: BG043547.D

Acq: 7 Nov 2019 20:09

Instrument :

BNA_G

ClientSampleId :

9-B

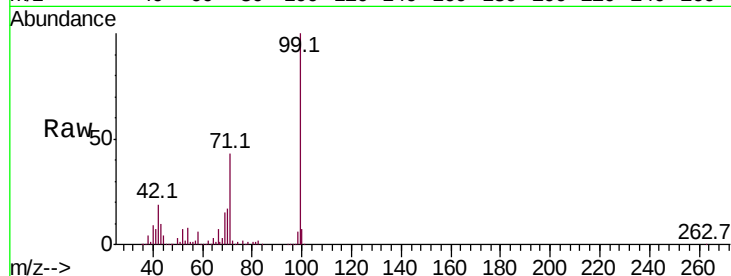
Tot Ion: 99 Resp: 302522

Ion Ratio Lower Upper

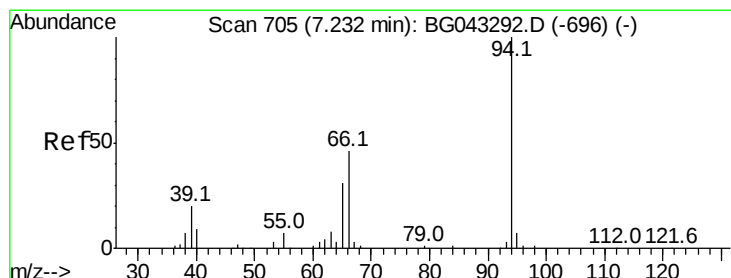
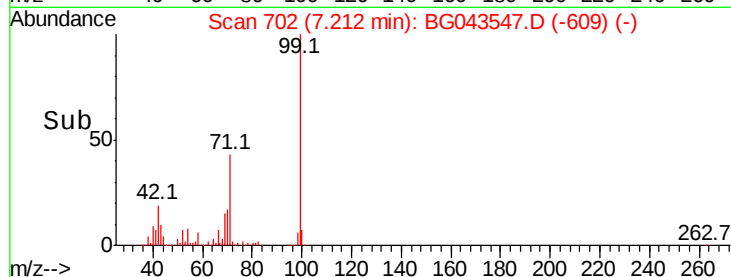
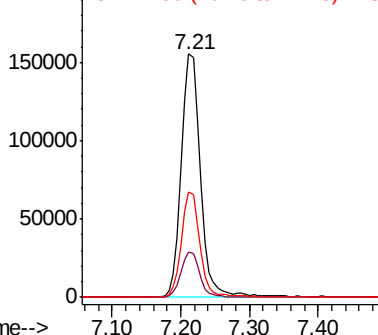
99 100

42 18.6 14.6 21.8

71 43.3 32.5 48.7



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: 5.060 ng

RT: 7.24 min Scan# 707

Delta R.T. 0.02 min

Lab File: BG043547.D

Acq: 7 Nov 2019 20:09

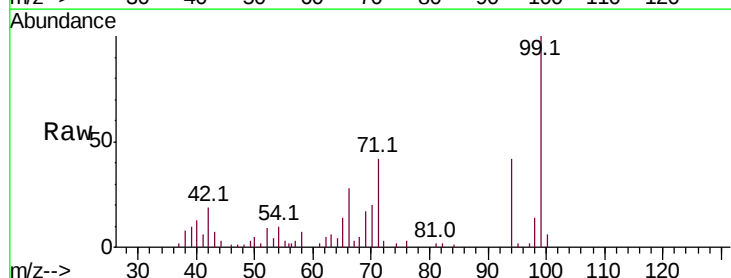
Tgt Ion: 94 Resp: 12424

Ion Ratio Lower Upper

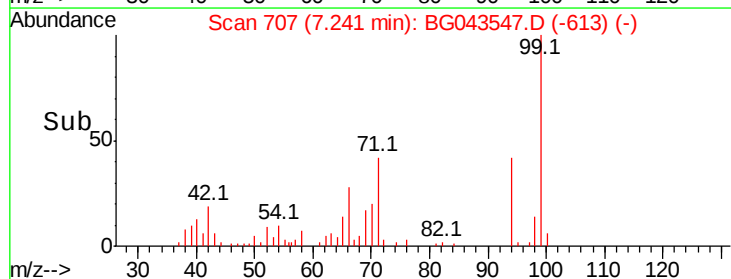
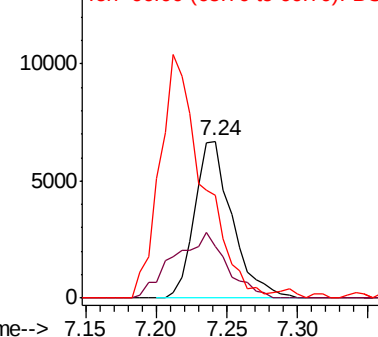
94 100

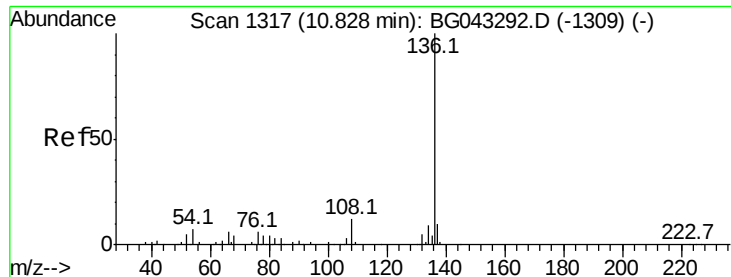
65 33.3 12.6 52.6

66 65.3 30.7 70.7



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

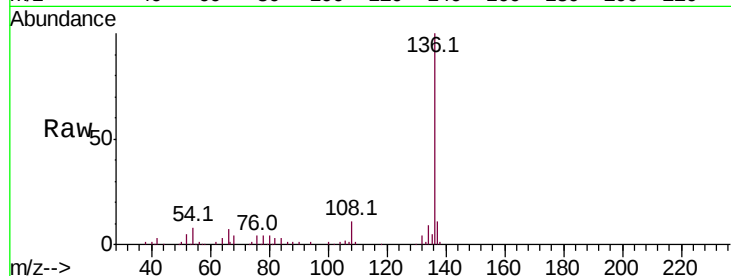




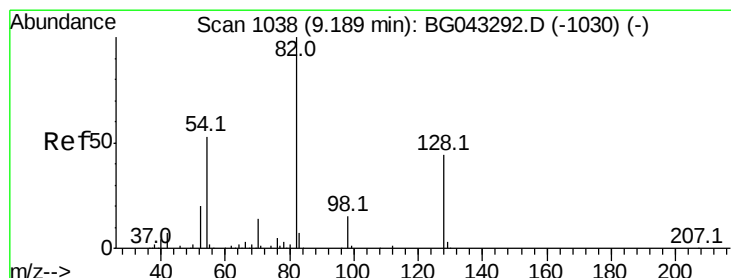
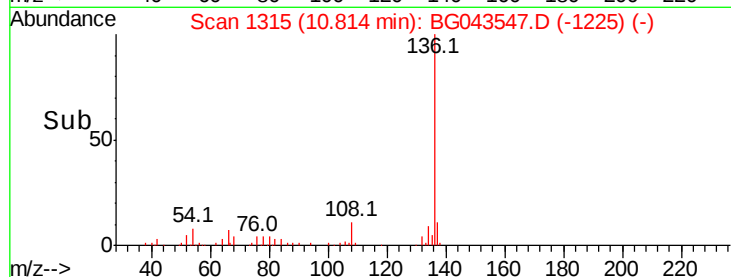
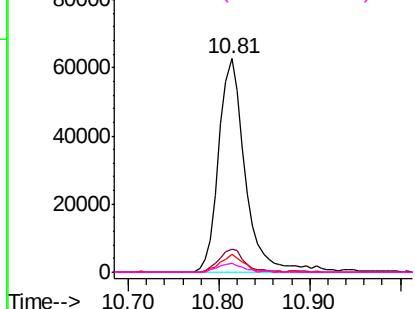
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.81 min Scan# 1315
Delta R.T. -0.00 min
Lab File: BG043547.D
Acq: 7 Nov 2019 20:09

Instrument :
BNA_G
ClientSampled :
9-B

Tot Ion:136	Resp:	128123
Ion Ratio	Lower	Upper
136 100		
137 10.7	8.7	13.1
54 8.1	5.4	8.2
68 4.2	3.0	4.4

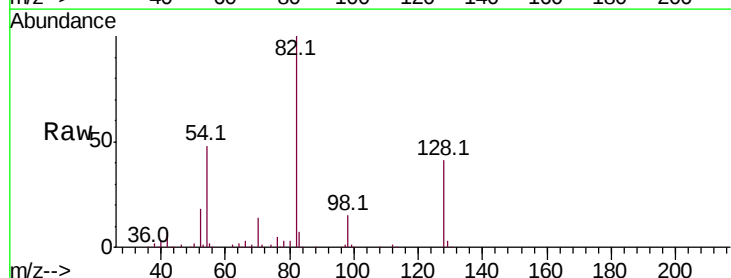


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

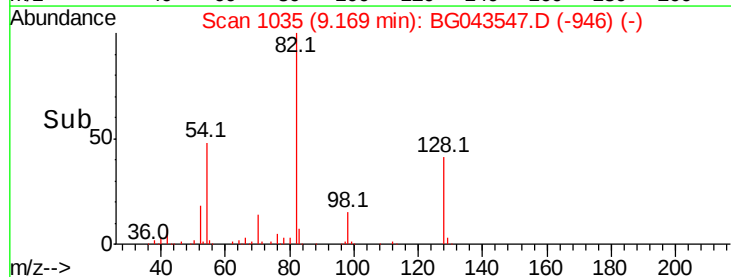
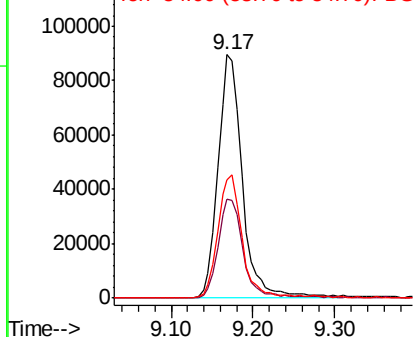


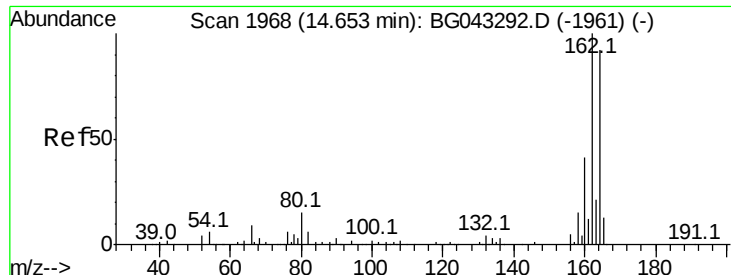
#23
Nitrobenzene-d5
Concen: 74.902 ng
RT: 9.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BG043547.D
Acq: 7 Nov 2019 20:09

Tgt Ion: 82	Resp: 186147
Ion Ratio	Lower Upper
82 100	
128 40.6	35.0 52.6
54 48.3	40.2 60.2



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

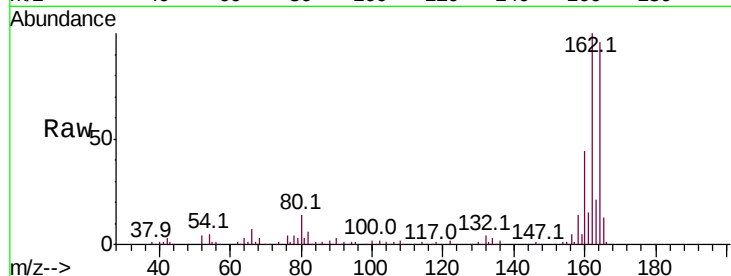




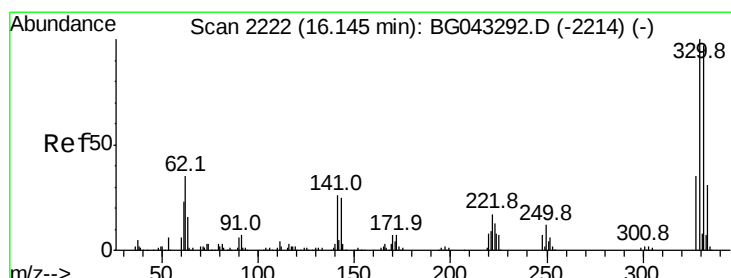
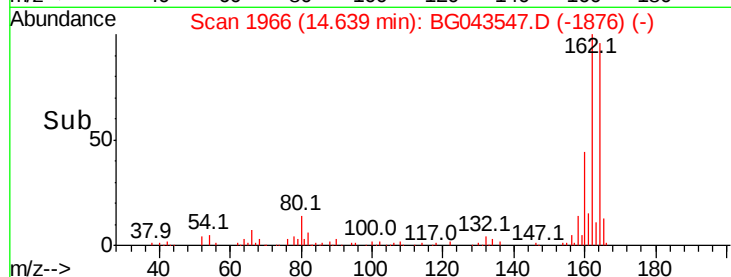
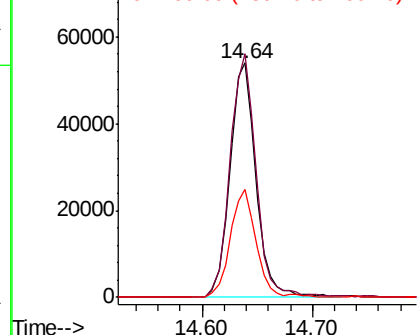
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.64 min Scan# 1966
Delta R.T. -0.00 min
Lab File: BG043547.D
Acq: 7 Nov 2019 20:09

Instrument :
BNA_G
ClientSampleId :
9-B

Tot Ion:164 Resp: 89394
Ion Ratio Lower Upper
164 100
162 103.8 83.5 125.3
160 46.0 36.5 54.7

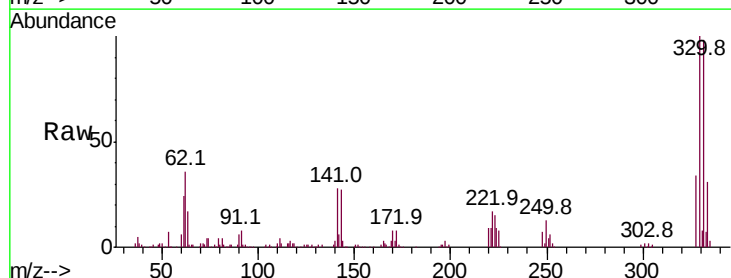


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

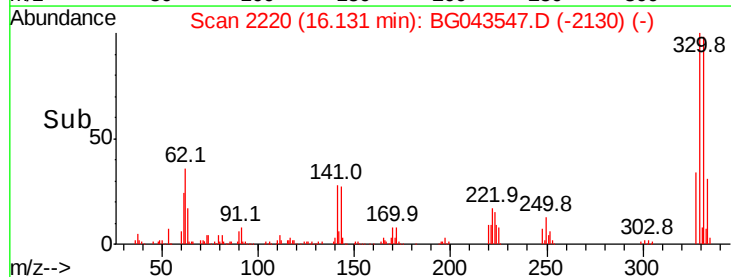
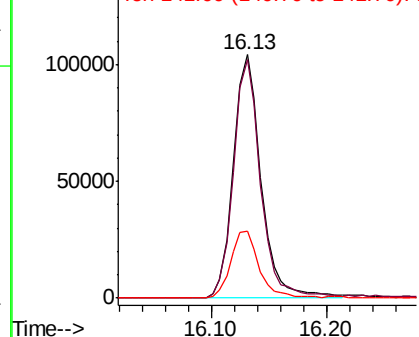


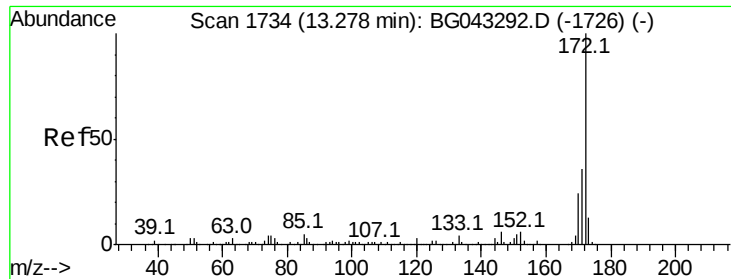
#42
2,4,6-Tribromophenol
Concen: 102.348 ng
RT: 16.13 min Scan# 2220
Delta R.T. -0.00 min
Lab File: BG043547.D
Acq: 7 Nov 2019 20:09

Tgt Ion:330 Resp: 174112
Ion Ratio Lower Upper
330 100
332 96.3 77.4 116.0
141 28.6 22.8 34.2



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

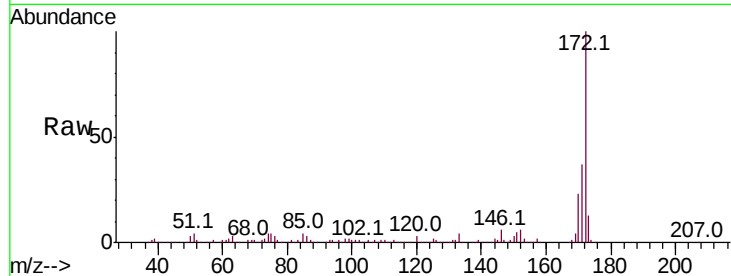




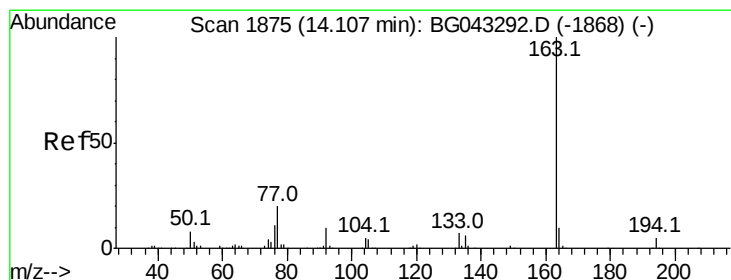
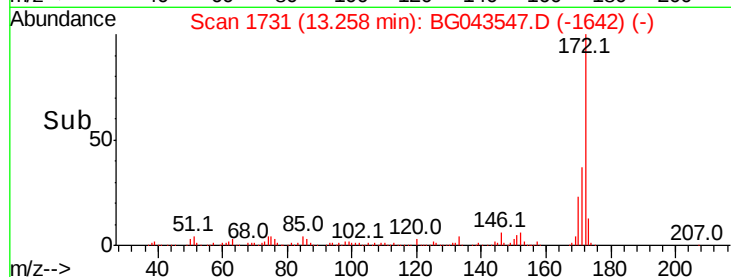
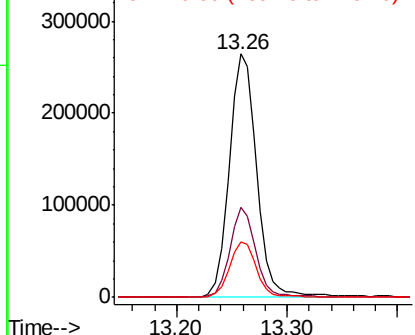
#45
 2-Fluorobiphenyl
 Concen: 70.972 ng
 RT: 13.26 min Scan# 1731
 Delta R.T. -0.01 min
 Lab File: BG043547.D
 Acq: 7 Nov 2019 20:09

Instrument :
 BNA_G
 ClientSampleId :
 9-B

Tot Ion:172 Resp: 459144
 Ion Ratio Lower Upper
 172 100
 171 37.0 28.9 43.3
 170 22.7 18.5 27.7

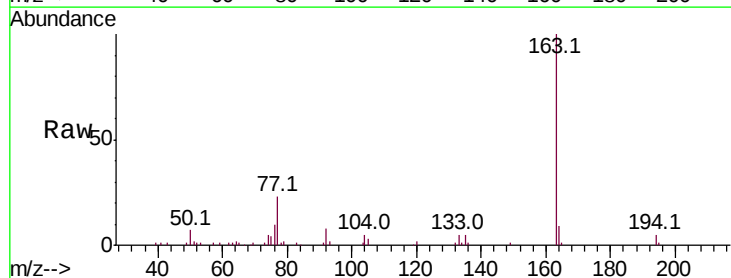


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

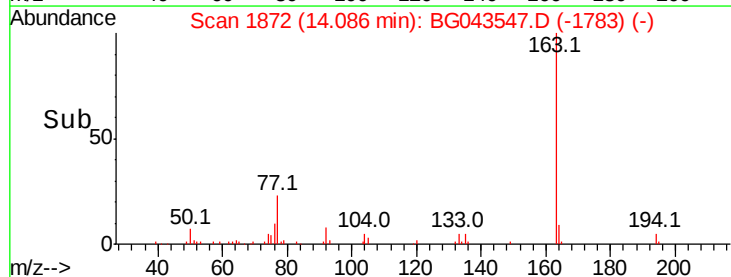
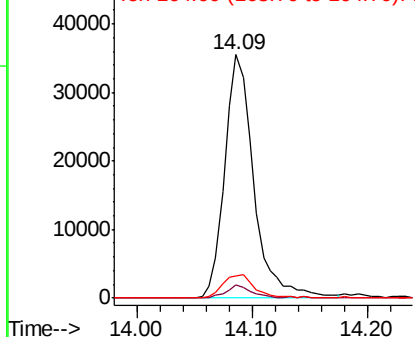


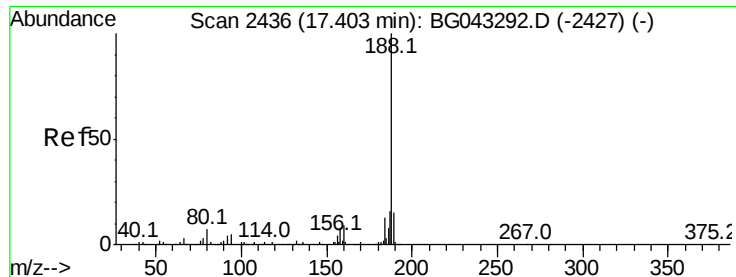
#50
 Dimethylphthalate
 Concen: 8.962 ng
 RT: 14.09 min Scan# 1872
 Delta R.T. -0.01 min
 Lab File: BG043547.D
 Acq: 7 Nov 2019 20:09

Tgt Ion:163 Resp: 62053
 Ion Ratio Lower Upper
 163 100
 194 5.4 3.8 5.6
 164 9.3 8.9 13.3



Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.38 min Scan# 2433

Delta R.T. -0.01 min

Lab File: BG043547.D

Acq: 7 Nov 2019 20:09

Instrument :

BNA_G

ClientSampleId :

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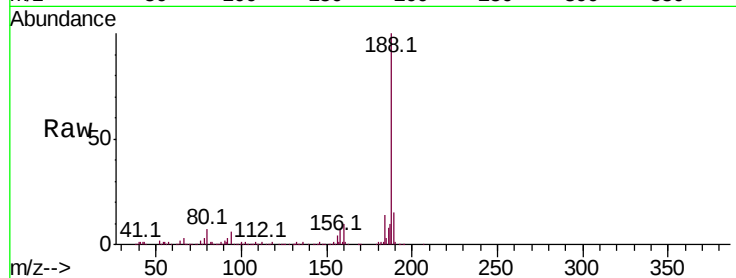
Tot Ion:188 Resp: 209941

Ion Ratio Lower Upper

188 100

94 5.6 4.2 6.4

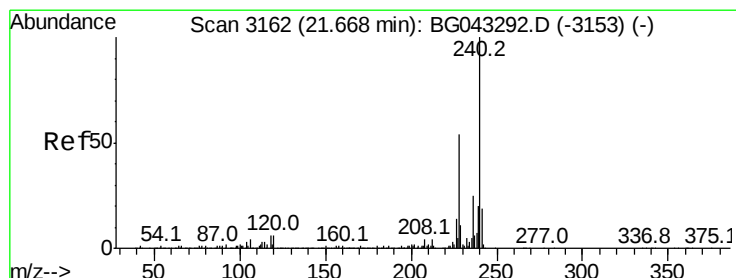
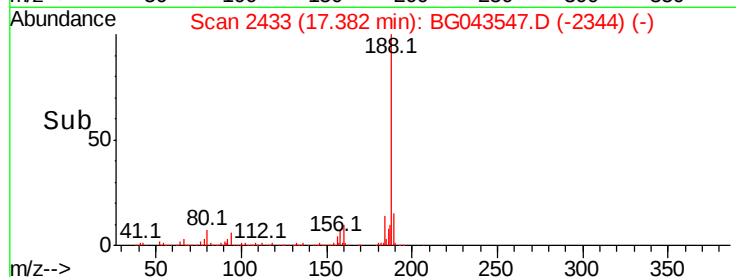
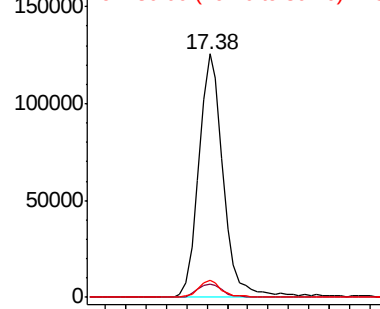
80 7.1 4.5 6.7#



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.65 min Scan# 3159

Delta R.T. -0.01 min

Lab File: BG043547.D

Acq: 7 Nov 2019 20:09

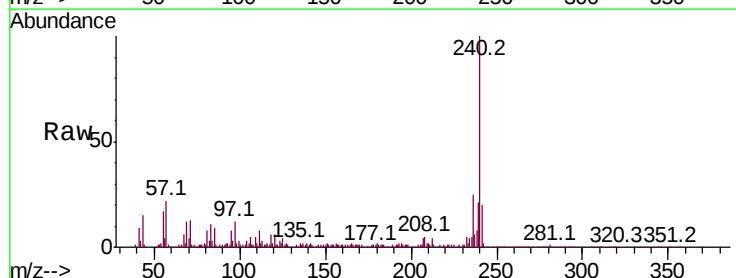
Tgt Ion:240 Resp: 209023

Ion Ratio Lower Upper

240 100

120 6.4 4.6 6.8

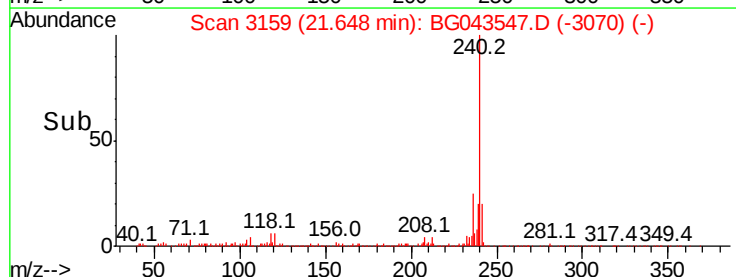
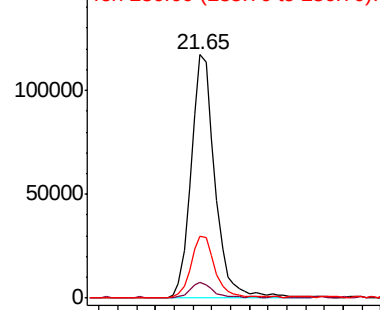
236 25.3 19.8 29.8

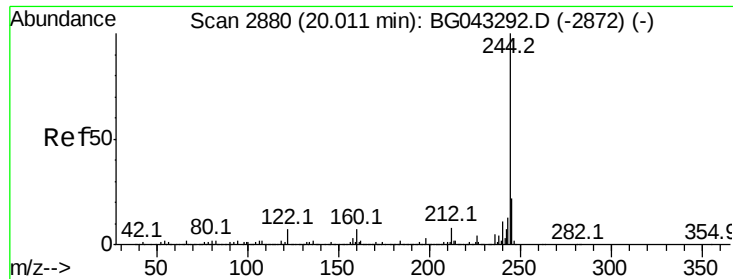


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

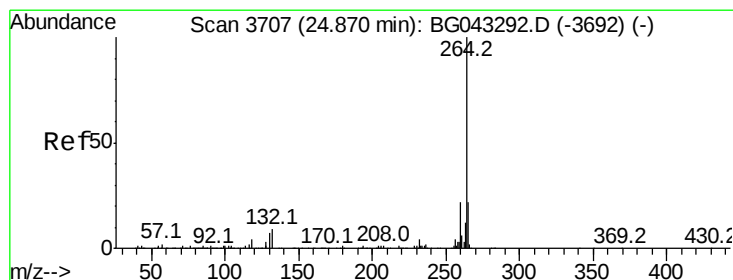
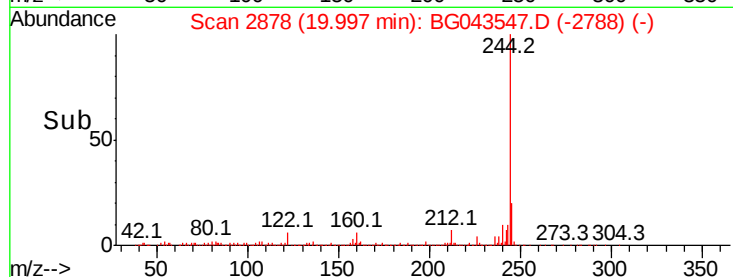
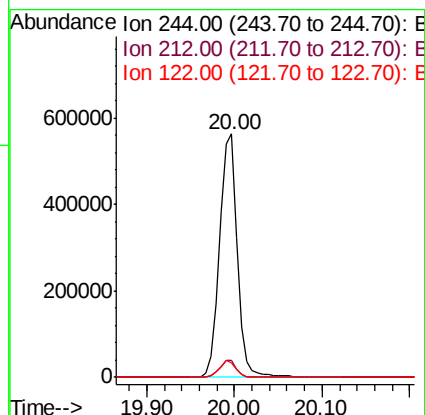
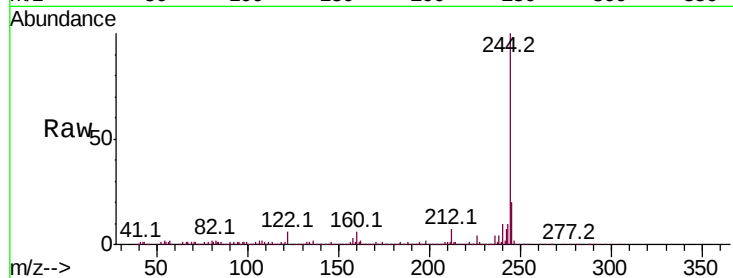




#79
 Terphenyl-d14
 Concen: 71.475 ng
 RT: 20.00 min Scan# 2878
 Delta R.T. -0.00 min
 Lab File: BG043547.D
 Acq: 7 Nov 2019 20:09

Instrument :
 BNA_G
 ClientSampleId :
 9-B

Tot Ion:	244	Resp:	796349
Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.6
122	6.2	5.4	8.2



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.85 min Scan# 3704
 Delta R.T. -0.00 min
 Lab File: BG043547.D
 Acq: 7 Nov 2019 20:09

Tgt Ion:	264	Resp:	251875
Ion	Ratio	Lower	Upper
264	100		
260	23.0	17.5	26.3
265	20.8	17.4	26.0

