

Data File : BG042269.D
Acq On : 16 Aug 2019 21:09
Operator : HP/JU
Sample : K4272-11
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
2S-K-(0-1)

Quant Time: Aug 17 00:01:17 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG072719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 31 08:57:26 2019
Response via : Initial Calibration

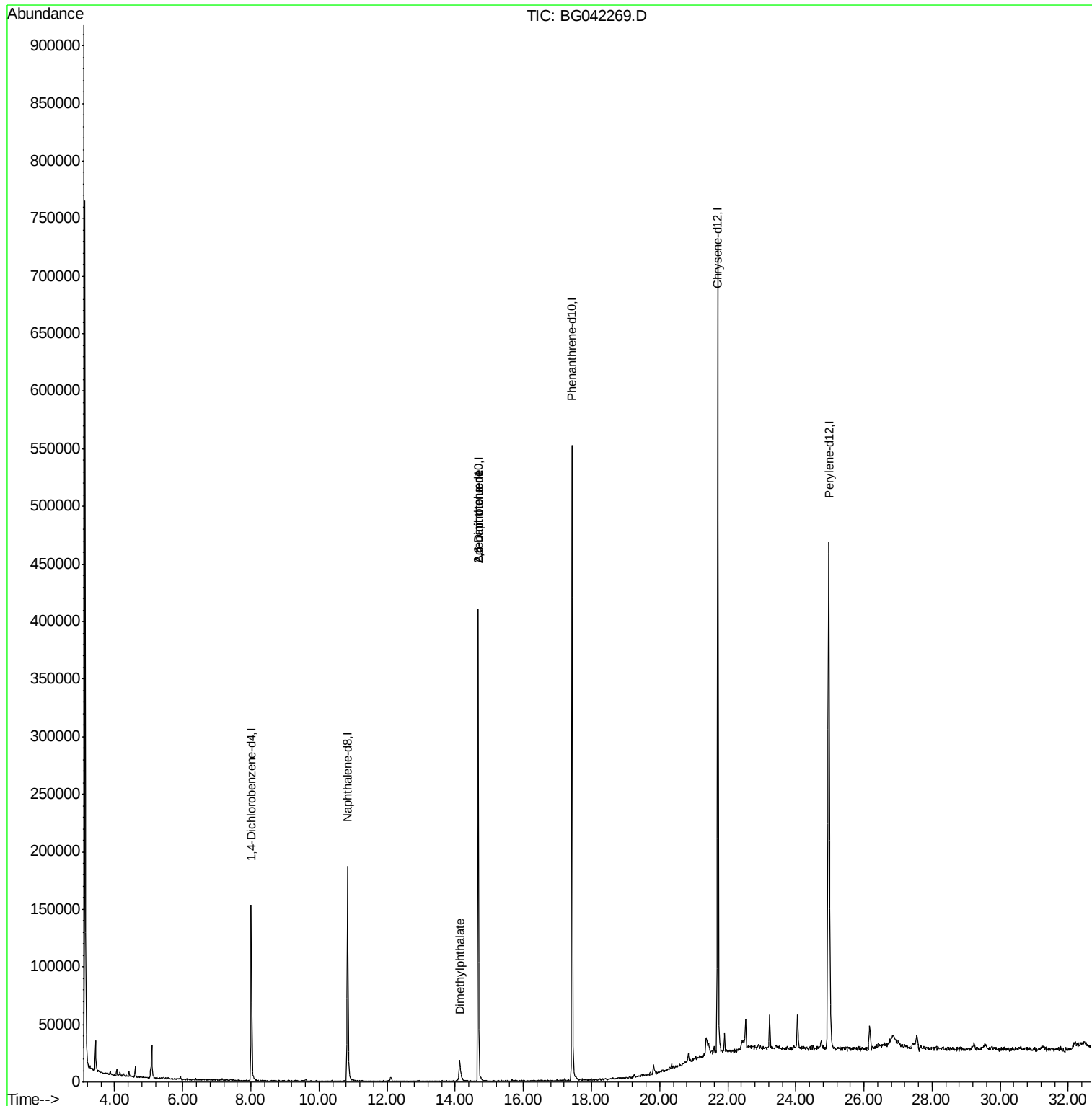
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	56164	20.00	ng	-0.03
21) Naphthalene-d8	10.84	136	219890	20.00	ng	-0.03
39) Acenaphthene-d10	14.67	164	167790	20.00	ng	-0.03
64) Phenanthrene-d10	17.43	188	406819	20.00	ng	-0.02
76) Chrysene-d12	21.71	240	472508	20.00	ng	-0.03
87) Perylene-d12	24.97	264	544691	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	0.00	112	0	0.00	ng	
7) Phenol-d6	0.00	99	0	0.00	ng	
23) Nitrobenzene-d5	0.00	82	0	0.00	ng	
42) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
45) 2-Fluorobiphenyl	0.00	172	0	0.00	ng	
79) Terphenyl-d14	20.06	244	242	0.01	ng	-0.01
Target Compounds						
50) Dimethylphthalate	14.14	163	32840	2.866	ng	96
51) 2,6-Dinitrotoluene	14.67	165	21487	8.967	ng	# 26
57) 2,4-Dinitrotoluene	14.67	165	21487	6.521	ng	# 28

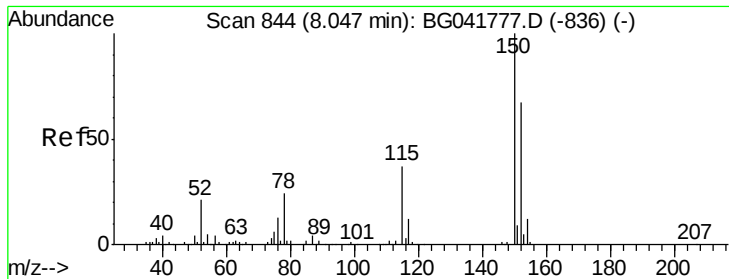
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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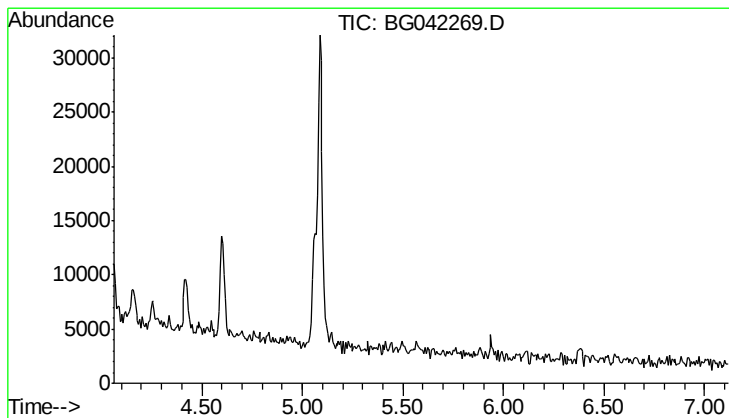
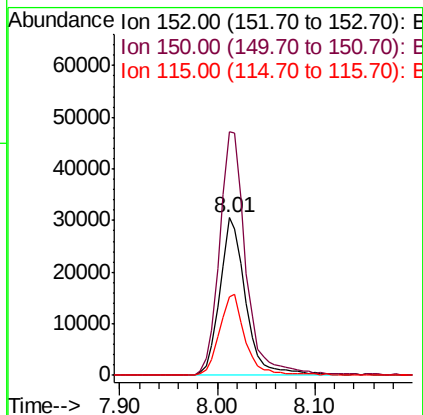
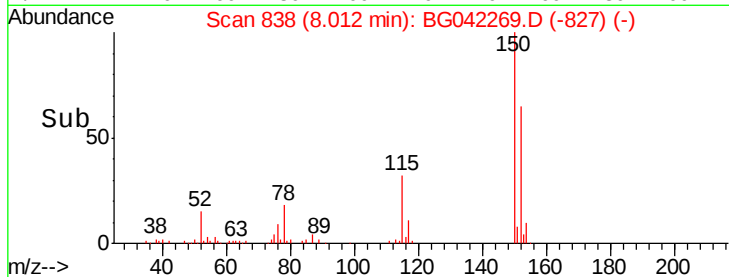
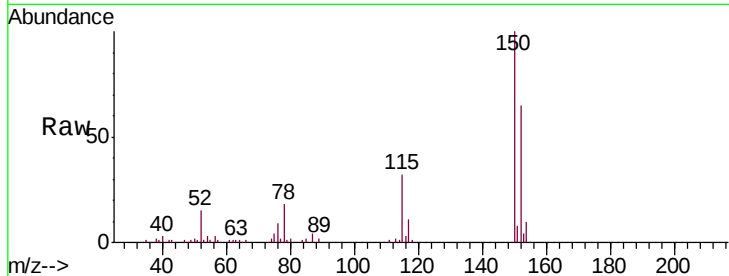


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 838
Delta R.T. -0.03 min
Lab File: BG042269.D
Acq: 16 Aug 2019 21:09

Instrument :
BNA_G
ClientSampleId :
2S-K-(0-1)

Tgt Ion:152 Resp: 56164
Ion Ratio Lower Upper
152 100
150 154.8 126.9 190.3
115 49.8 45.0 67.6

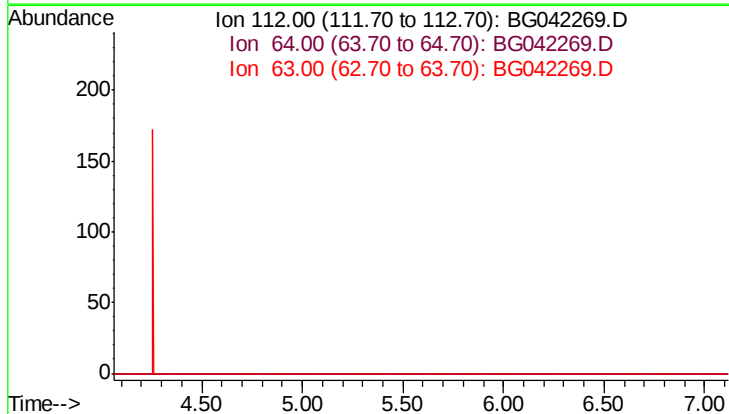


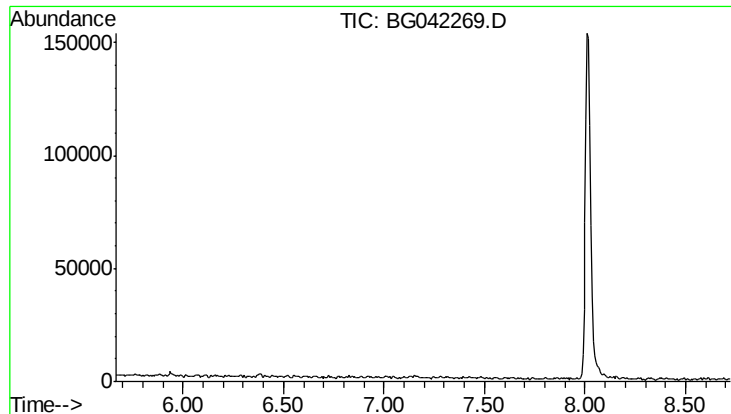
#5

2-Fluorophenol
Concen: 0.000 ng
Expected RT: 5.59 min

Lab File: BG042269.D
Acq: 16 Aug 2019 21:09

Tgt Ion: 112
Sig Exp Ratio
112 100
64 69.3
63 36.4





#7

Phenol-d6

Concen: 0.000 ng

Expected RT: 7.19 min

Lab File: BG042269.D

Acq: 16 Aug 2019 21:09

Instrument :

BNA_G

ClientSampleId :

2S-K-(0-1)

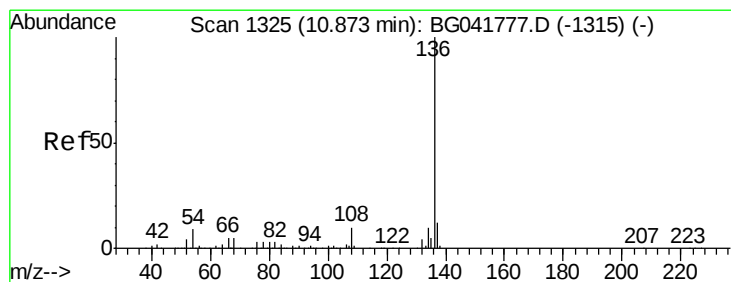
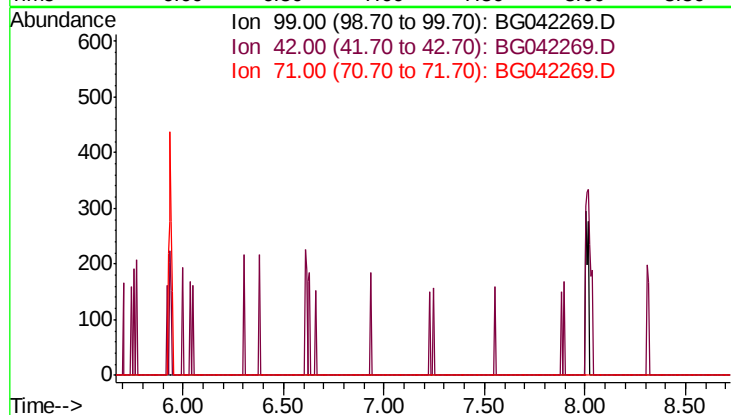
Tgt Ion: 99

Sig Exp Ratio

99 100

42 22.0

71 34.7



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.84 min Scan# 1319

Delta R.T. -0.03 min

Lab File: BG042269.D

Acq: 16 Aug 2019 21:09

Tgt Ion: 136 Resp: 219890

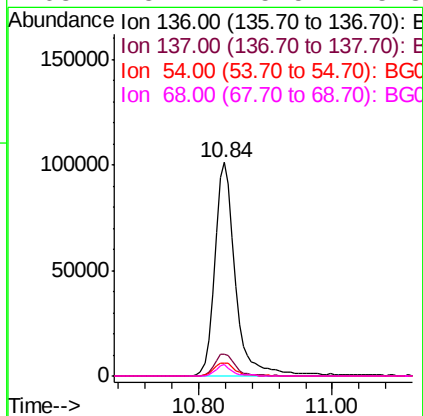
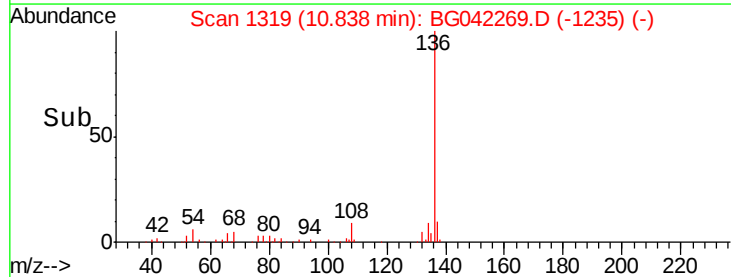
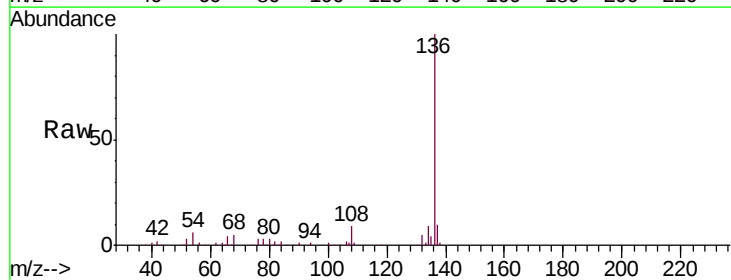
Ion Ratio Lower Upper

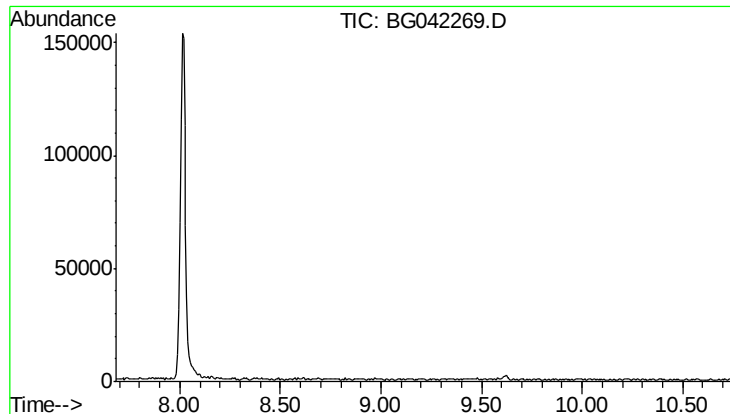
136 100

137 10.4 9.2 13.8

54 5.9 8.7 13.1#

68 5.2 5.5 8.3#

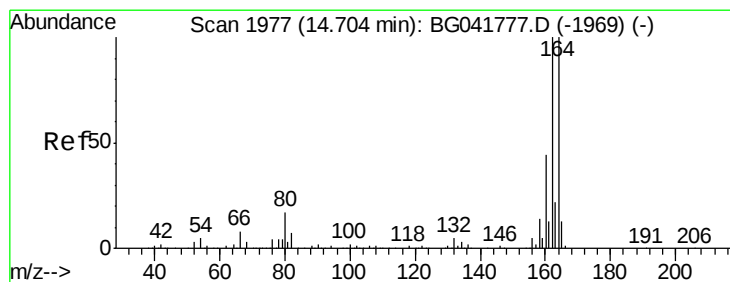
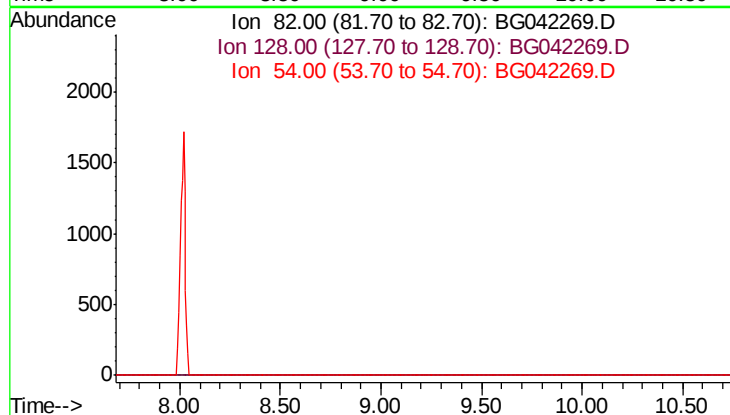




#23
 Nitrobenzene-d5
 Concen: 0.000 ng
 Expected RT: 9.21 min
 Lab File: BG042269.D
 Acq: 16 Aug 2019 21:09

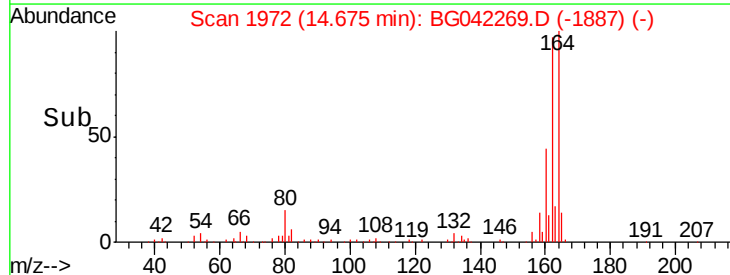
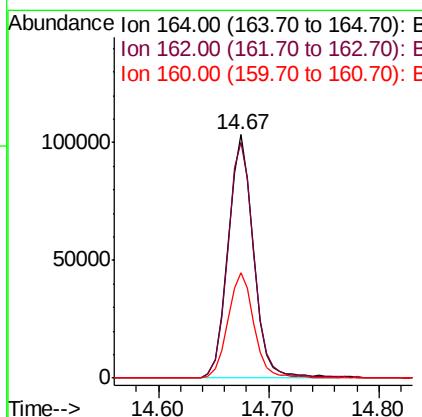
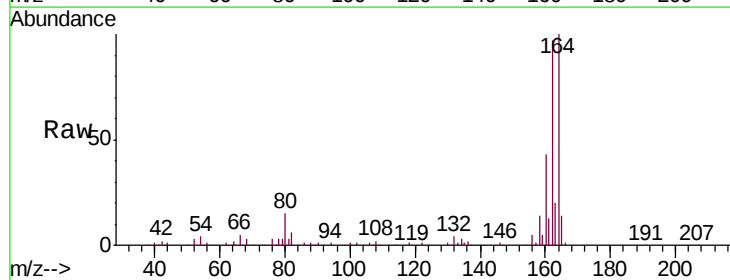
Instrument :
 BNA_G
 ClientSampleId :
 2S-K-(0-1)

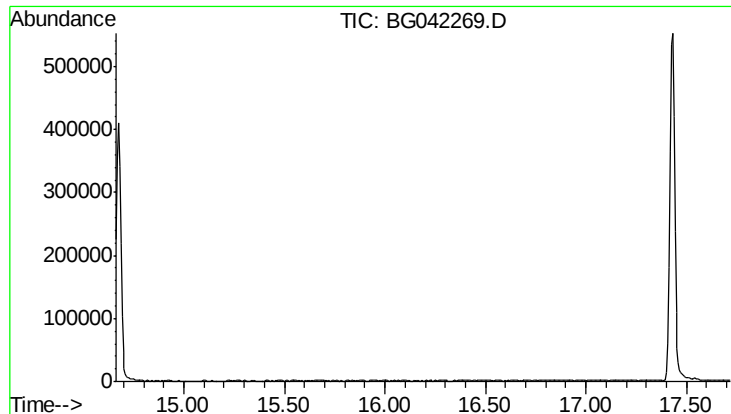
Tgt Ion: 82
 Sig Exp Ratio
 82 100
 128 43.9
 54 60.9



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.67 min Scan# 1972
 Delta R.T. -0.03 min
 Lab File: BG042269.D
 Acq: 16 Aug 2019 21:09

Tgt Ion: 164 Resp: 167790
 Ion Ratio Lower Upper
 164 100
 162 97.0 79.6 119.4
 160 43.4 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 0.000 ng

Expected RT: 16.19 min

Lab File: BG042269.D

Acq: 16 Aug 2019 21:09

Instrument :

BNA_G

ClientSampleId :

2S-K-(0-1)

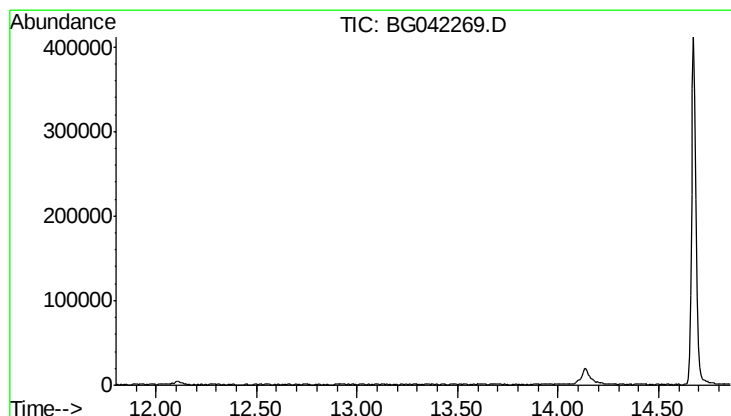
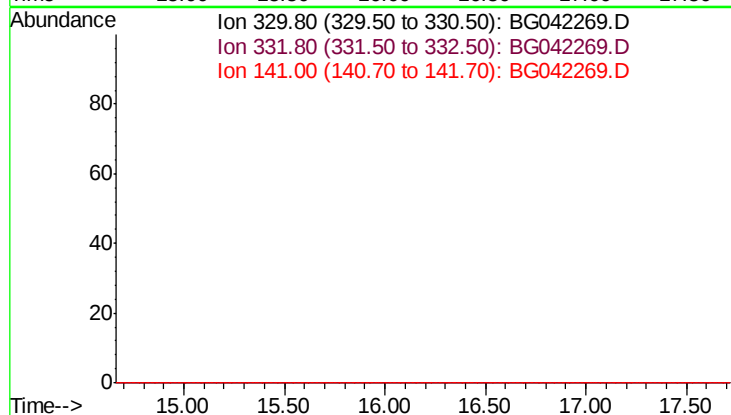
Tgt Ion: 330

Sig Exp Ratio

330 100

332 96.7

141 39.9



#45

2-Fluorobiphenyl

Concen: 0.000 ng

Expected RT: 13.33 min

Lab File: BG042269.D

Acq: 16 Aug 2019 21:09

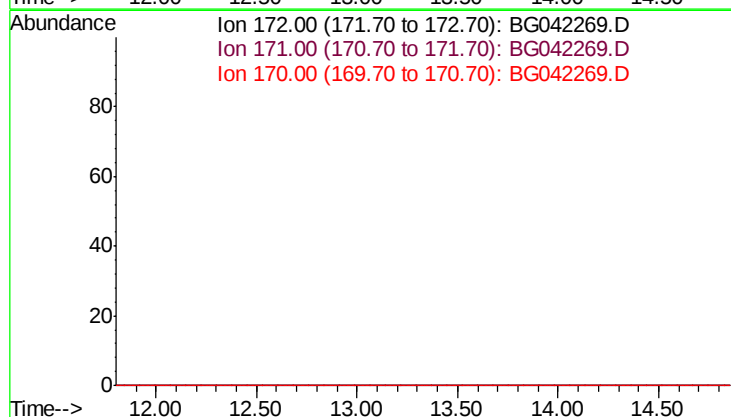
Tgt Ion: 172

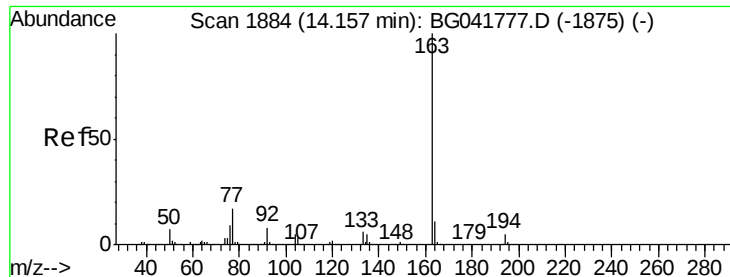
Sig Exp Ratio

172 100

171 43.7

170 29.4





#50

Dimethylphthalate

Concen: 2.866 ng

RT: 14.14 min Scan# 1881

Delta R.T. -0.02 min

Lab File: BG042269.D

Acq: 16 Aug 2019 21:09

Instrument :

BNA_G

ClientSampled :

2S-K-(0-1)

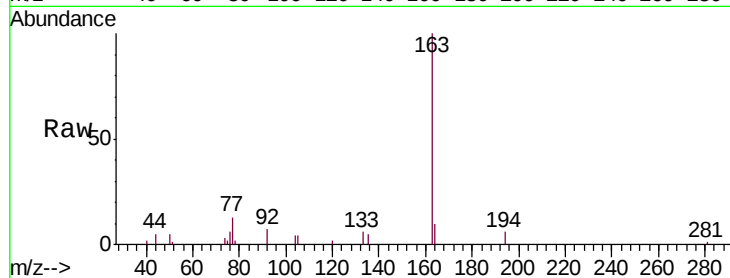
Tgt Ion:163 Resp: 32840

Ion Ratio Lower Upper

163 100

194 5.5 4.2 6.2

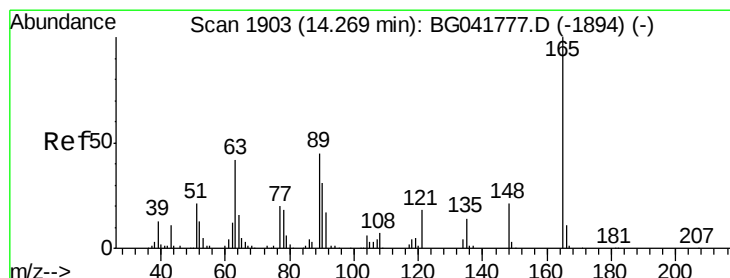
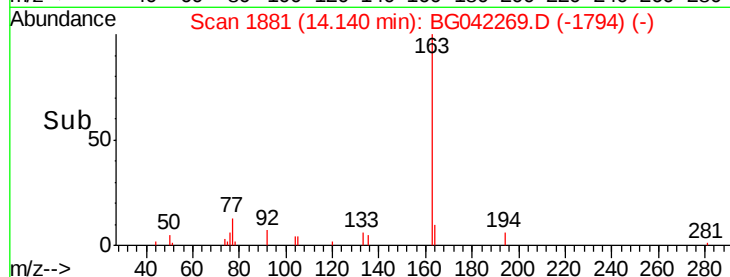
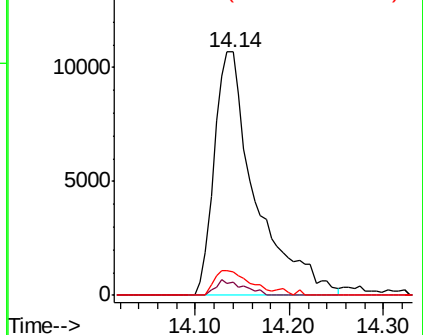
164 9.5 9.4 14.2



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



#51

2,6-Dinitrotoluene

Concen: 8.967 ng

RT: 14.67 min Scan# 1972

Delta R.T. 0.41 min

Lab File: BG042269.D

Acq: 16 Aug 2019 21:09

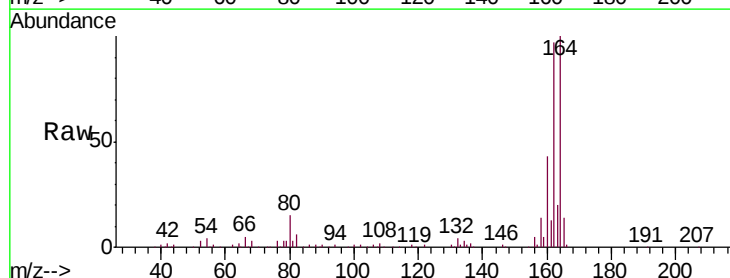
Tgt Ion:165 Resp: 21487

Ion Ratio Lower Upper

165 100

63 0.0 42.4 63.6#

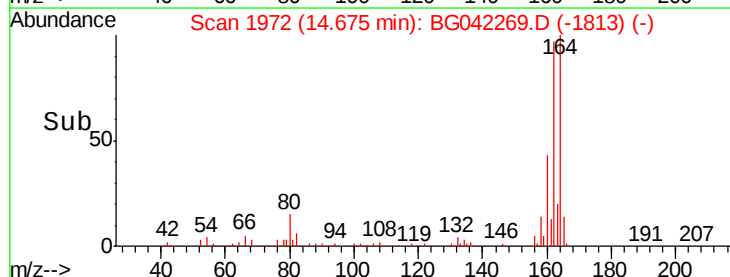
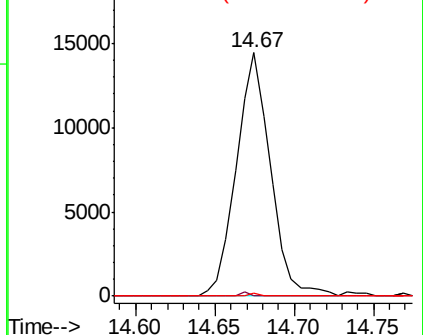
89 1.4 42.1 63.1#

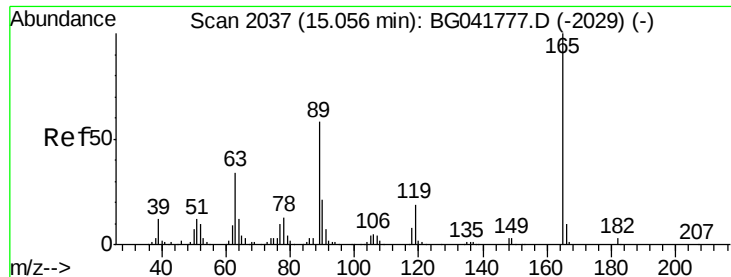


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#57

2,4-Dinitrotoluene

Concen: 6.521 ng

RT: 14.67 min Scan# 1972

Delta R.T. -0.38 min

Lab File: BG042269.D

Acq: 16 Aug 2019 21:09

Instrument :

BNA_G

ClientSampleId :

2S-K-(0-1)

Tgt Ion:165 Resp: 21487

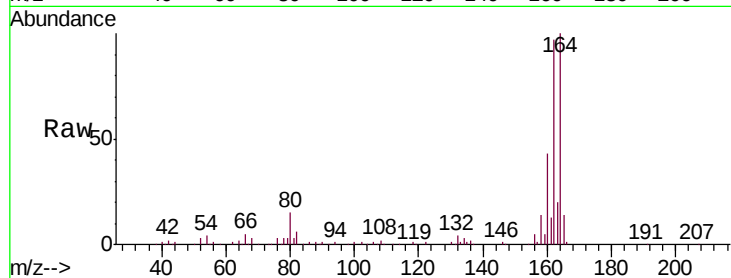
Ion Ratio Lower Upper

165 100

63 0.0 31.7 47.5#

89 1.4 50.2 75.4#

182 0.0 2.6 4.0#

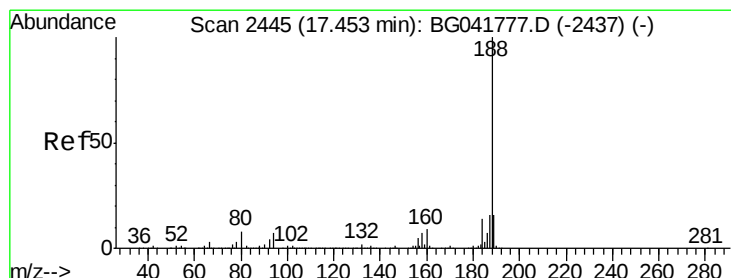
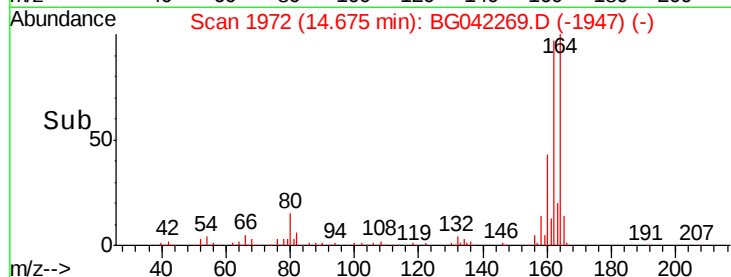
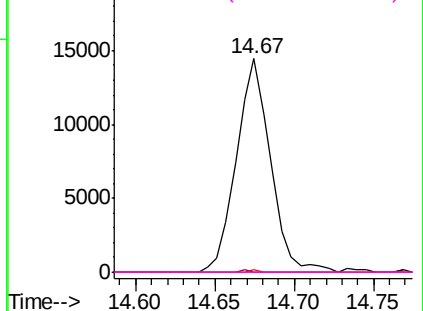


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.43 min Scan# 2441

Delta R.T. -0.02 min

Lab File: BG042269.D

Acq: 16 Aug 2019 21:09

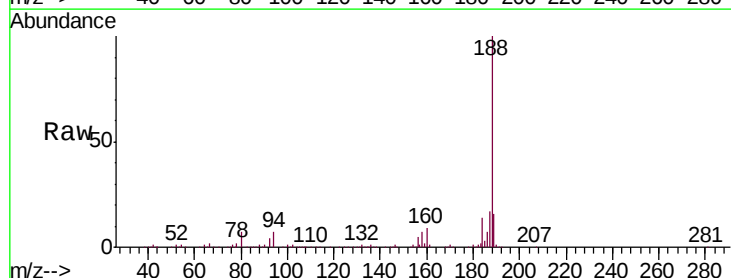
Tgt Ion:188 Resp: 406819

Ion Ratio Lower Upper

188 100

94 6.6 6.9 10.3#

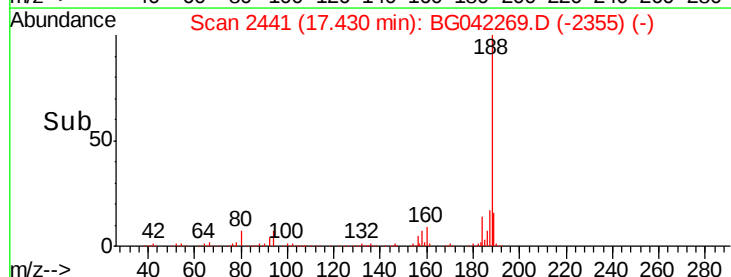
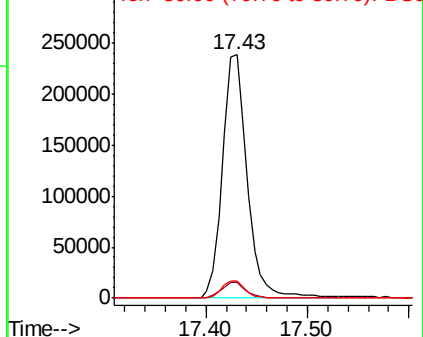
80 6.7 8.0 12.0#

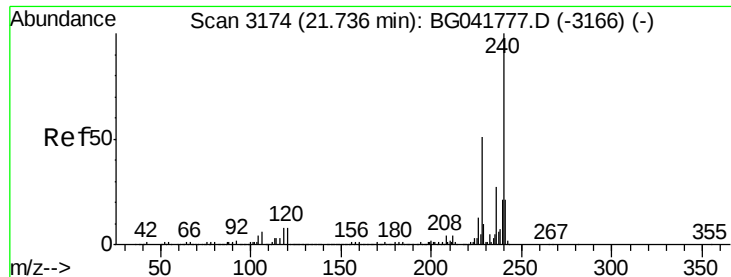


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

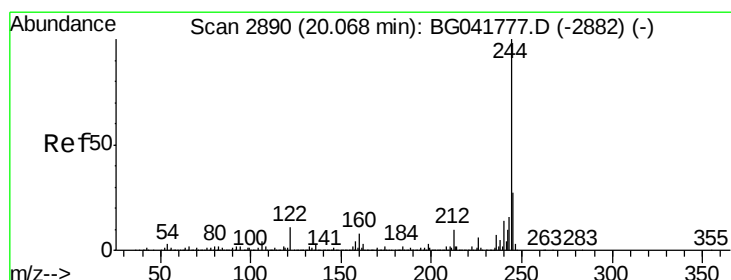
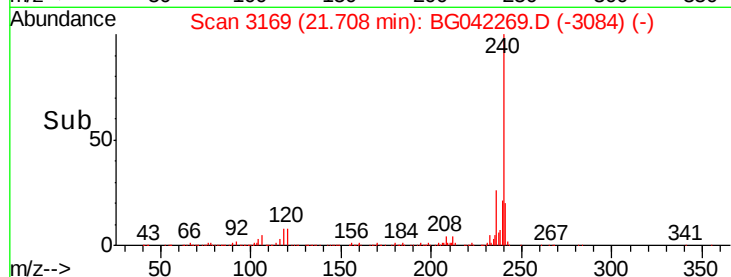
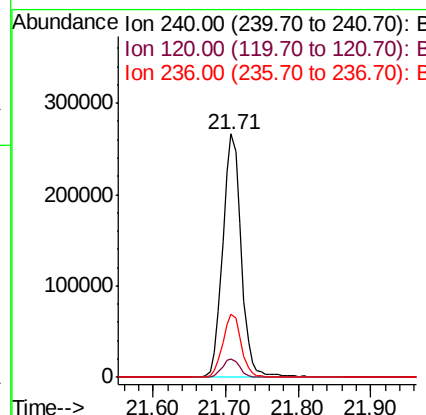
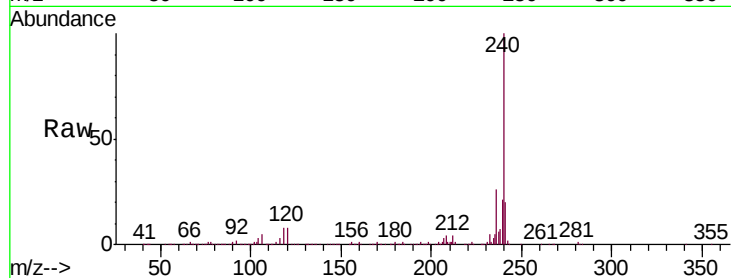




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.71 min Scan# 3169
Delta R.T. -0.03 min
Lab File: BG042269.D
Acq: 16 Aug 2019 21:09

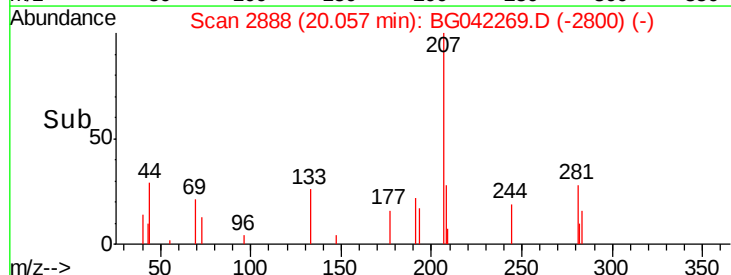
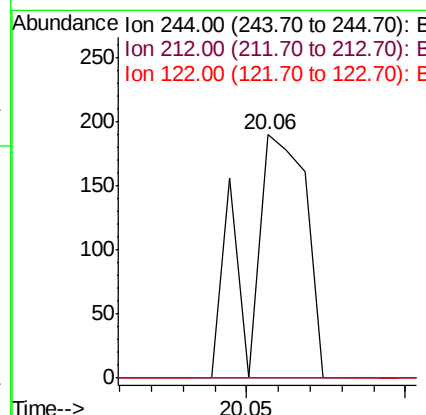
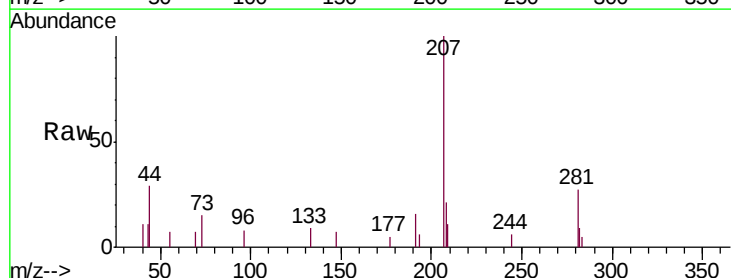
Instrument :
BNA_G
ClientSampleId :
2S-K-(0-1)

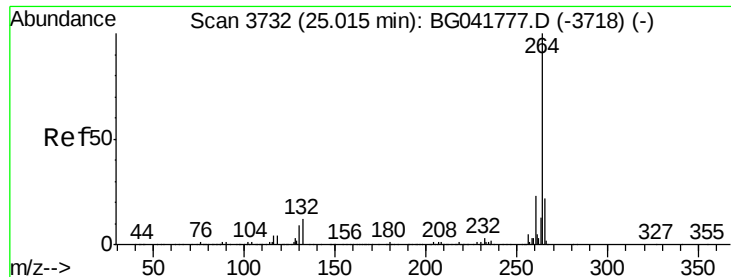
Tgt Ion	Ratio	Lower	Upper
240	100		
120	7.6	8.0	12.0#
236	26.0	22.6	33.8



#79
Terphenyl-d14
Concen: 0.012 ng
RT: 20.06 min Scan# 2888
Delta R.T. -0.01 min
Lab File: BG042269.D
Acq: 16 Aug 2019 21:09

Tgt Ion	Ratio	Lower	Upper
244	100		
212	0.0	9.7	14.5#
122	0.0	12.5	18.7#





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.97 min Scan# 3724
Delta R.T. -0.05 min
Lab File: BG042269.D
Acq: 16 Aug 2019 21:09

Instrument :
BNA_G
ClientSampleId :
2S-K-(0-1)

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.5	29.3
265	22.8	18.0	27.0

