

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032321\
 Data File : BG048477.D
 Acq On : 23 Mar 2021 19:51
 Operator : CG/JU
 Sample : M1765-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RBR-54

Quant Time: Mar 24 02:20:31 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 22 11:22:24 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

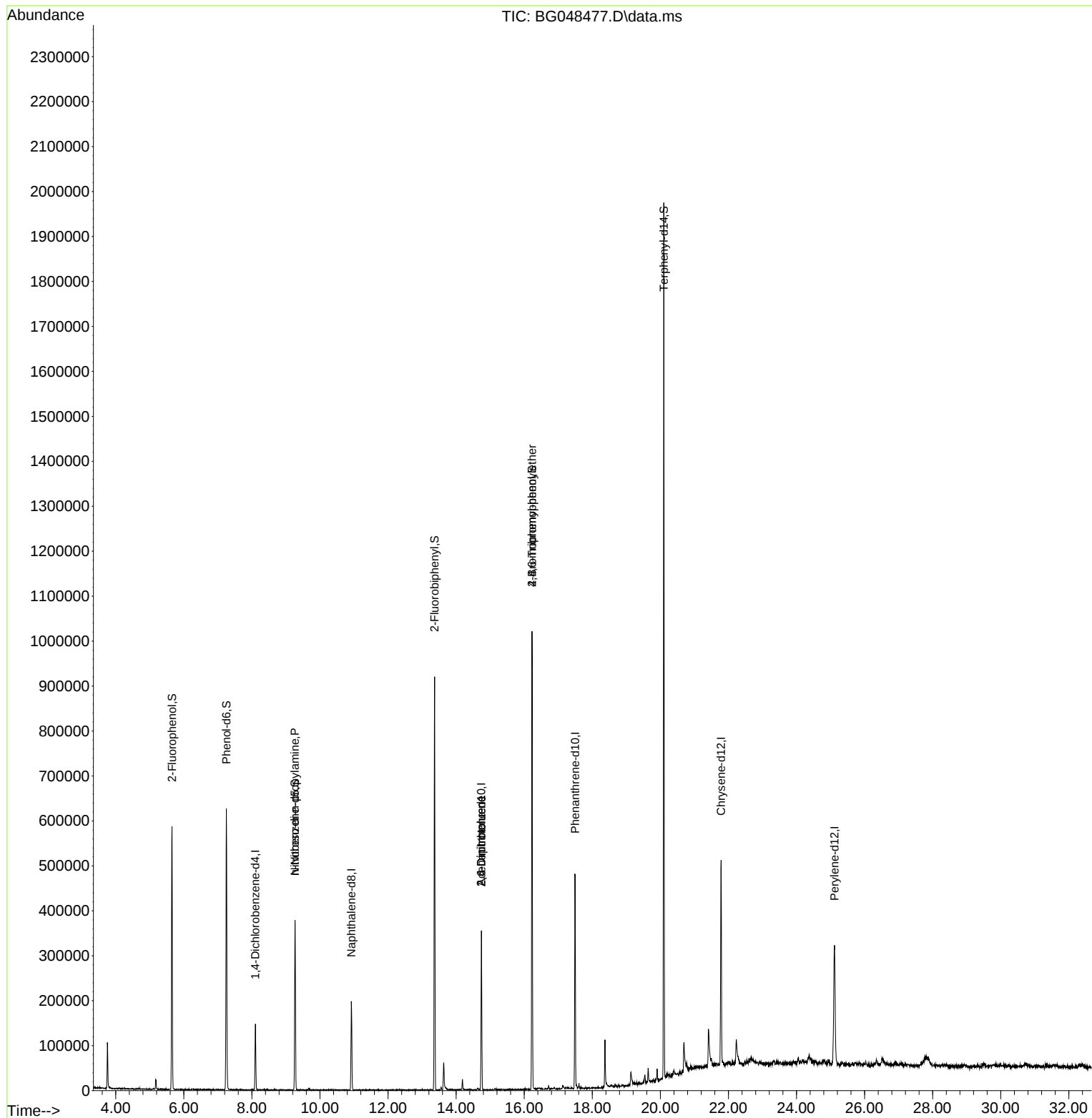
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.102	152	36118	20.00	ng	# 0.00
21) Naphthalene-d8	10.922	136	154198	20.00	ng	0.00
39) Acenaphthene-d10	14.741	164	116919	20.00	ng	0.00
64) Phenanthrene-d10	17.497	188	293000	20.00	ng	# 0.00
76) Chrysene-d12	21.786	240	282538	20.00	ng	# 0.00
86) Perylene-d12	25.117	264	297208	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.652	112	223450	102.31	ng	0.00
7) Phenol-d6	7.250	99	309435	97.36	ng	0.00
23) Nitrobenzene-d5	9.265	82	228520	59.26	ng	0.00
42) 2,4,6-Tribromophenol	16.228	330	184666	97.12	ng	0.00
45) 2-Fluorobiphenyl	13.366	172	444024	54.63	ng	0.00
79) Terphenyl-d14	20.100	244	848604	54.17	ng	0.00
Target Compounds						
9) Benzaldehyde	7.250	77	1094	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	9.265	70	33566	14.23	ng	# 85
51) 2,6-Dinitrotoluene	14.741	165	15558	7.60	ng	# 34
57) 2,4-Dinitrotoluene	14.741	165	15558	5.35	ng	# 33
67) 4-Bromophenyl-phenylether	16.228	248	12103	3.28	ng	# 1

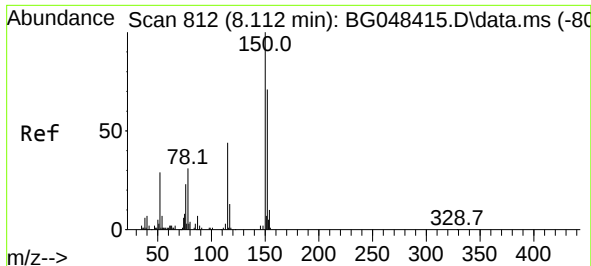
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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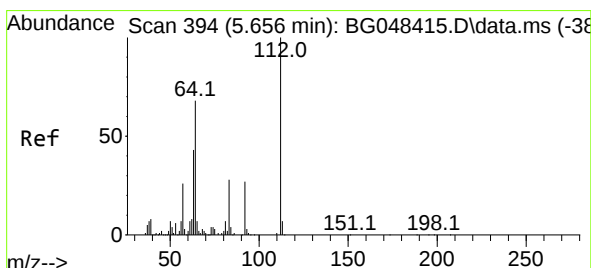
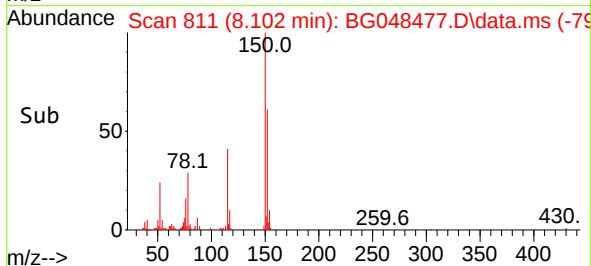
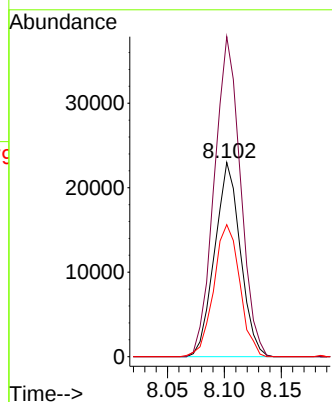
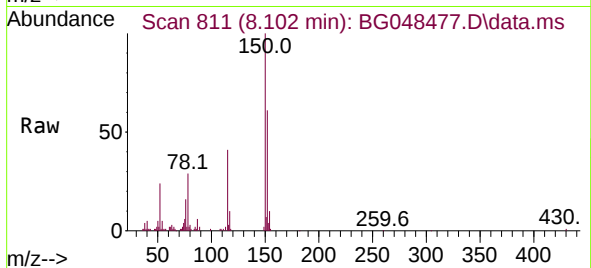




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.102 min Scan# 811
Delta R.T. -0.001 min
Lab File: BG048477.D
Acq: 23 Mar 2021 19:51

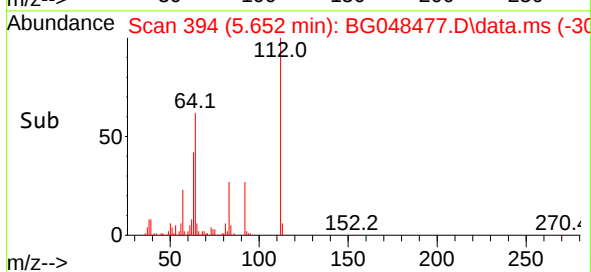
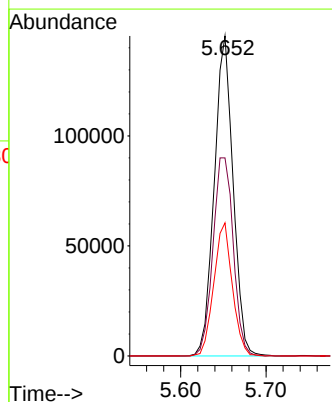
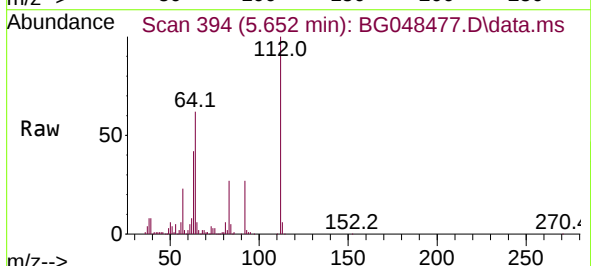
Instrument :
BNA_G
ClientSampleId :
RBR-54

Tgt Ion:152 Resp: 36118
Ion Ratio Lower Upper
152 100
150 164.8 125.0 187.6
115 68.0 41.8 62.6#



#5
2-Fluorophenol
Concen: 102.31 ng
RT: 5.652 min Scan# 394
Delta R.T. 0.005 min
Lab File: BG048477.D
Acq: 23 Mar 2021 19:51

Tgt Ion:112 Resp: 223450
Ion Ratio Lower Upper
112 100
64 61.9 46.7 70.1
63 41.6 22.8 34.2#

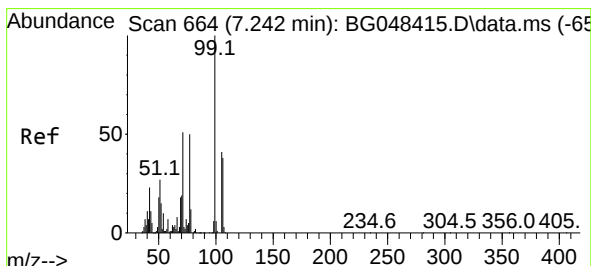
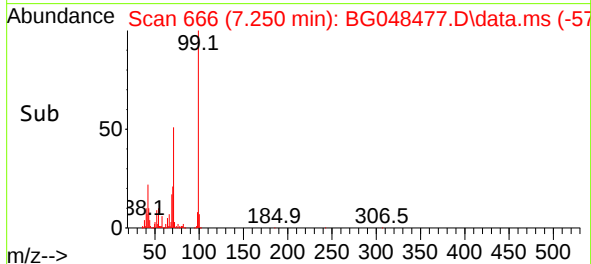
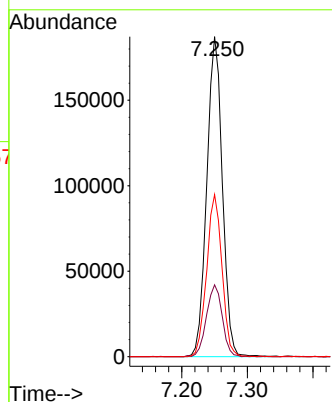
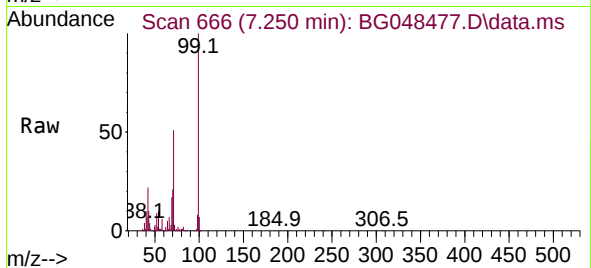




#7
Phenol-d6
Concen: 97.36 ng
RT: 7.250 min Scan# 666
Delta R.T. -0.001 min
Lab File: BG048477.D
Acq: 23 Mar 2021 19:51

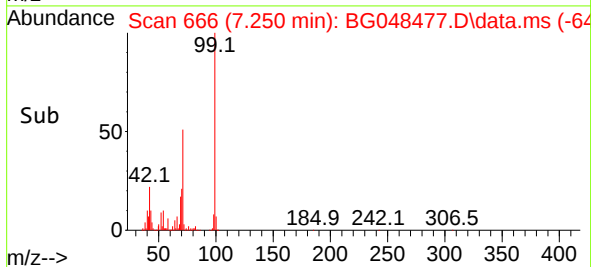
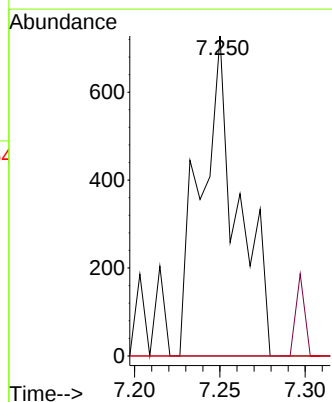
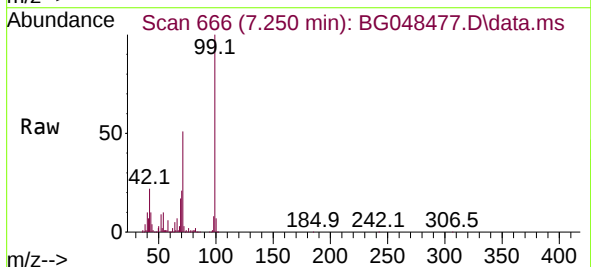
Instrument :
BNA_G
ClientSampleId :
RBR-54

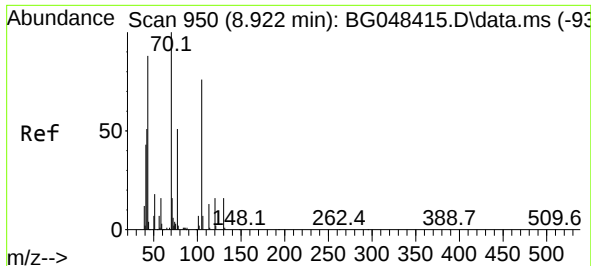
Tgt Ion: 99 Resp: 309435
Ion Ratio Lower Upper
99 100
42 22.5 12.8 19.2#
71 50.7 24.6 36.8#



#9
Benzaldehyde
Concen: Below Cal
RT: 7.250 min Scan# 666
Delta R.T. 0.011 min
Lab File: BG048477.D
Acq: 23 Mar 2021 19:51

Tgt Ion: 77 Resp: 1094
Ion Ratio Lower Upper
77 100
105 0.0 85.9 125.9#
106 0.0 80.9 120.9#

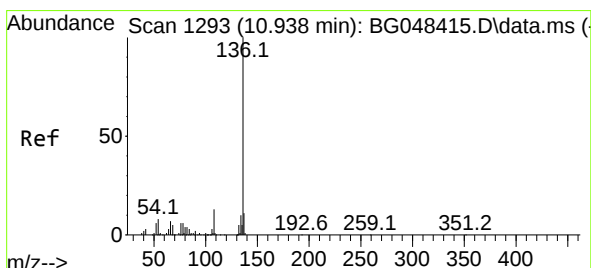
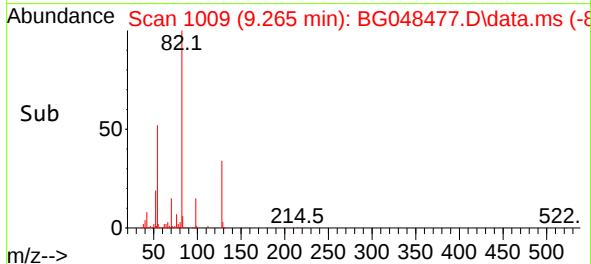
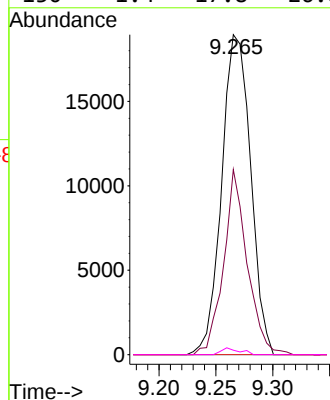
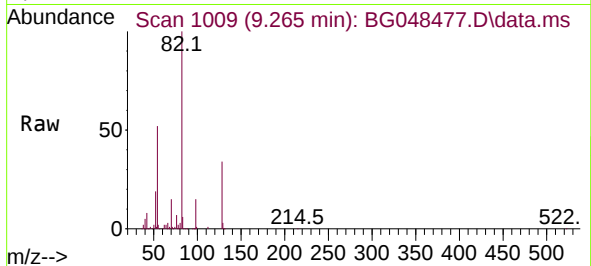




#19
n-Nitroso-di-n-propylamine
Concen: 14.23 ng
RT: 9.265 min Scan# 1009
Delta R.T. 0.352 min
Lab File: BG048477.D
Acq: 23 Mar 2021 19:51

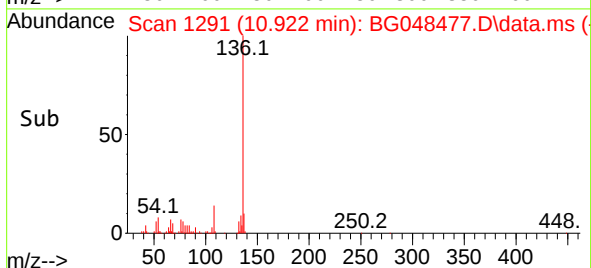
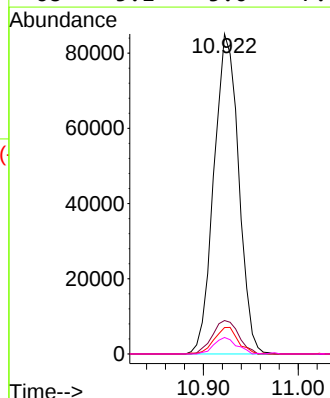
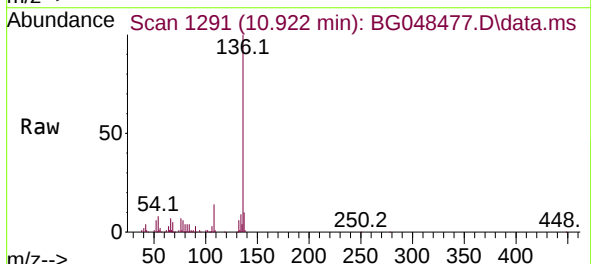
Instrument :
BNA_G
ClientSampled :
RBR-54

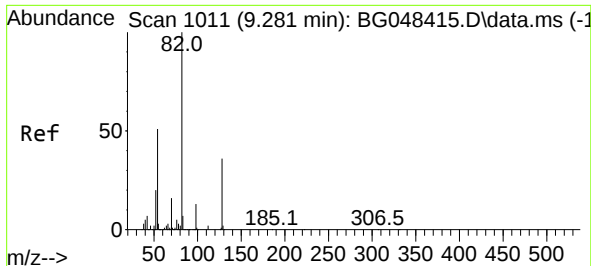
Tgt Ion: 70	Resp: 33566
Ion Ratio	Lower Upper
70 100	
42 57.8	45.6 68.4
101 0.0	8.4 12.6#
130 1.4	17.8 26.8#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.922 min Scan# 1291
Delta R.T. -0.007 min
Lab File: BG048477.D
Acq: 23 Mar 2021 19:51

Tgt Ion: 136	Resp: 154198
Ion Ratio	Lower Upper
136 100	
137 10.4	9.1 13.7
54 8.3	6.2 9.4
68 5.1	5.0 7.4





#23

Nitrobenzene-d5

Concen: 59.26 ng

RT: 9.265 min Scan# 1009

Delta R.T. -0.007 min

Lab File: BG048477.D

Acq: 23 Mar 2021 19:51

Tgt Ion: 82 Resp: 228520

Ion Ratio Lower Upper

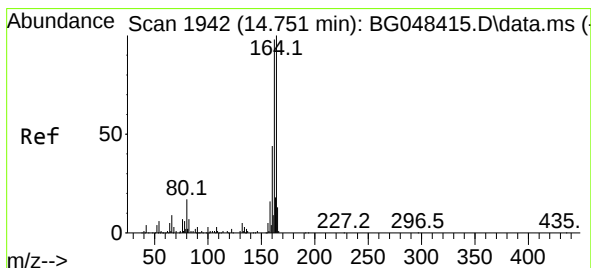
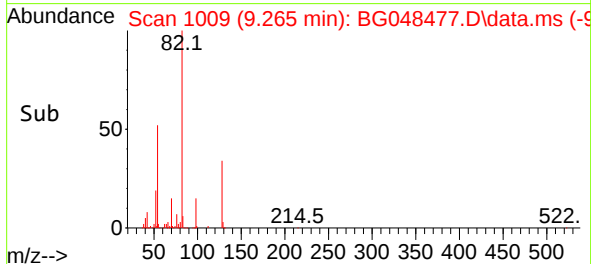
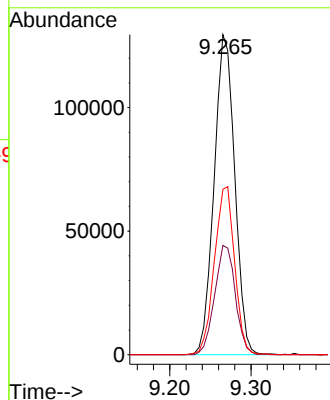
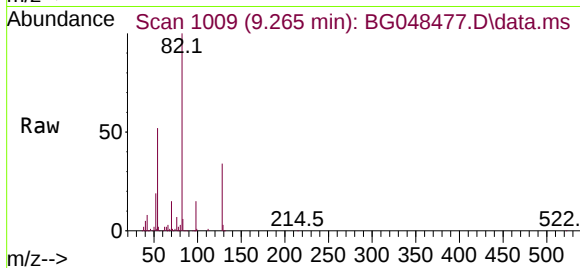
82	100		
128	34.2	37.0	55.6#
54	51.7	39.0	58.4

Instrument :

BNA_G

ClientSampleId :

RBR-54



#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.741 min Scan# 1941

Delta R.T. -0.007 min

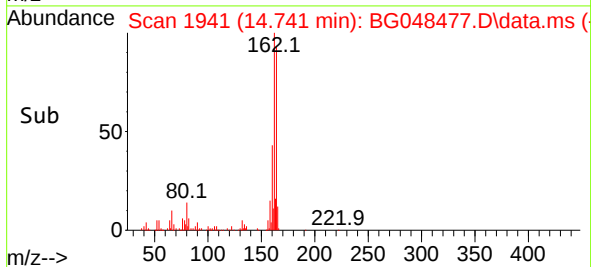
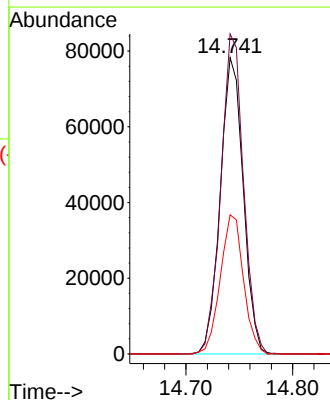
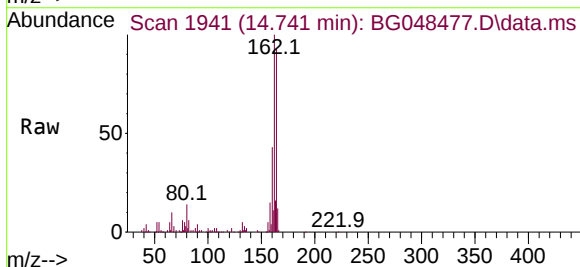
Lab File: BG048477.D

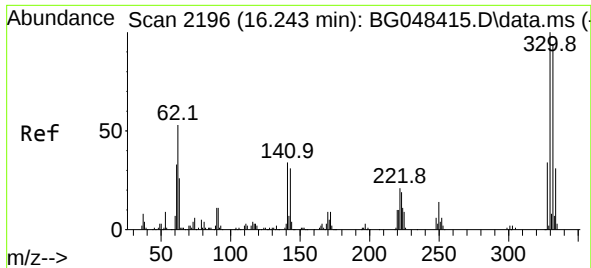
Acq: 23 Mar 2021 19:51

Tgt Ion:164 Resp: 116919

Ion Ratio Lower Upper

164	100		
162	108.0	82.3	123.5
160	47.0	35.3	52.9

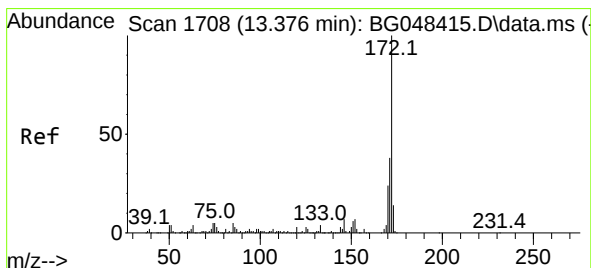
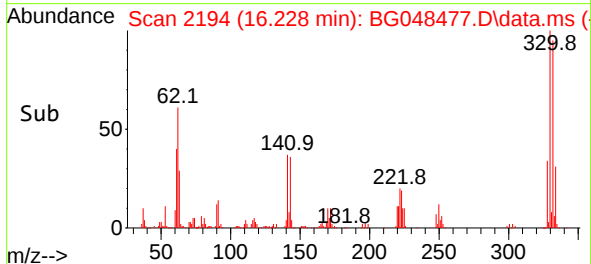
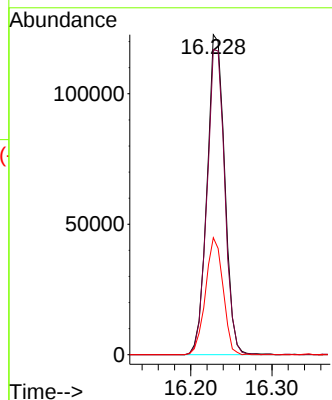
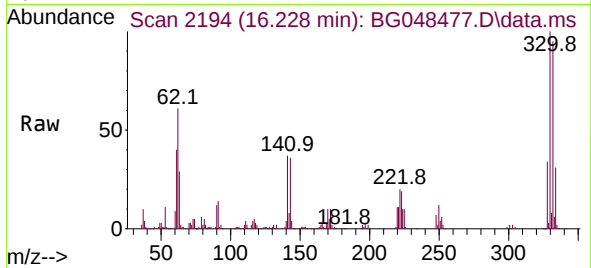




#42
2,4,6-Tribromophenol
Concen: 97.12 ng
RT: 16.228 min Scan# 2194
Delta R.T. -0.007 min
Lab File: BG048477.D
Acq: 23 Mar 2021 19:51

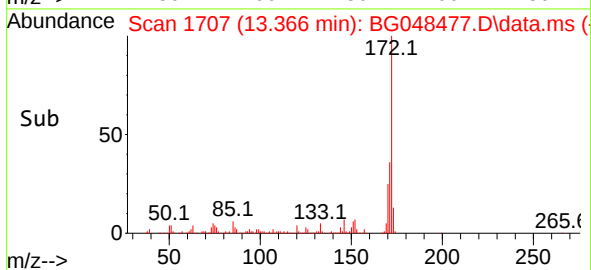
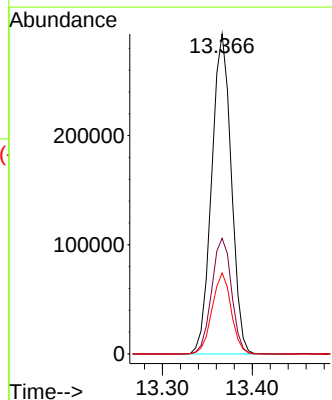
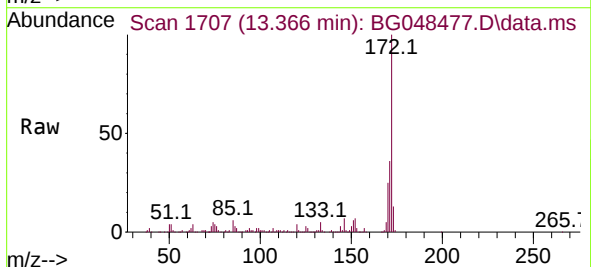
Instrument :
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ClientSampleId :
RBR-54

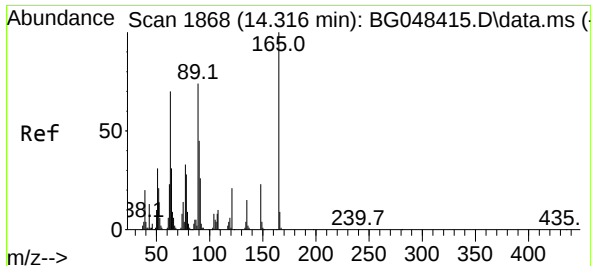
Tgt Ion:330 Resp: 184666
Ion Ratio Lower Upper
330 100
332 95.7 76.5 114.7
141 36.2 26.0 39.0



#45
2-Fluorobiphenyl
Concen: 54.63 ng
RT: 13.366 min Scan# 1707
Delta R.T. -0.001 min
Lab File: BG048477.D
Acq: 23 Mar 2021 19:51

Tgt Ion:172 Resp: 444024
Ion Ratio Lower Upper
172 100
171 36.1 31.3 46.9
170 25.4 20.8 31.2

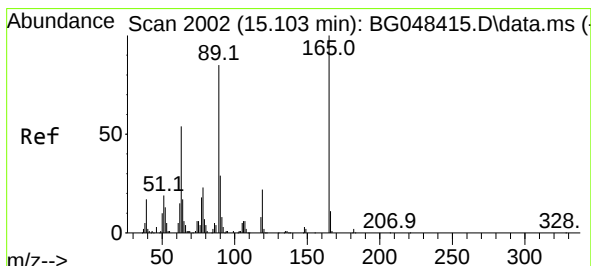
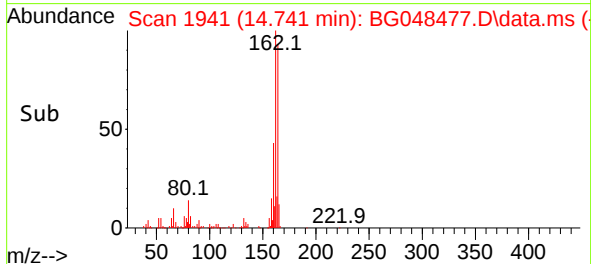
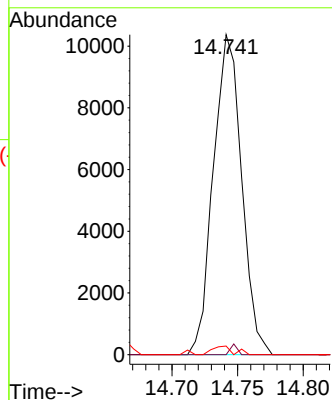
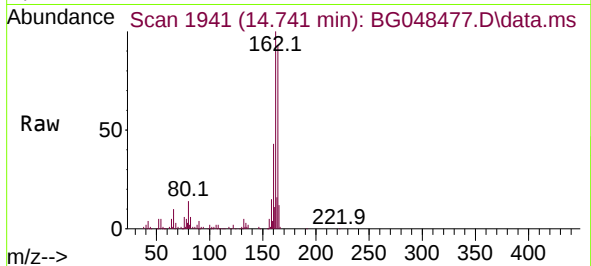




#51
2,6-Dinitrotoluene
Concen: 7.60 ng
RT: 14.741 min Scan# 1941
Delta R.T. 0.428 min
Lab File: BG048477.D
Acq: 23 Mar 2021 19:51

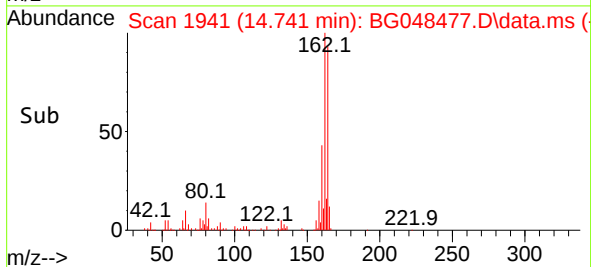
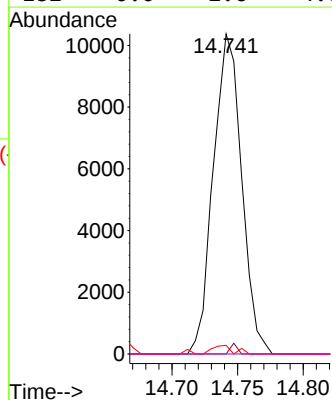
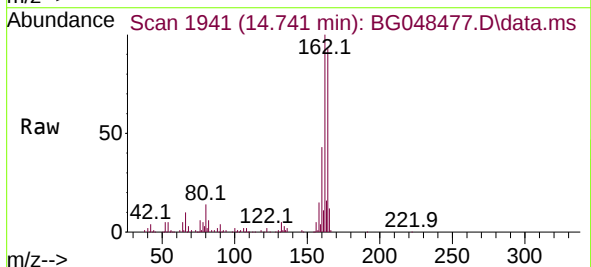
Instrument :
BNA_G
ClientSampled :
RBR-54

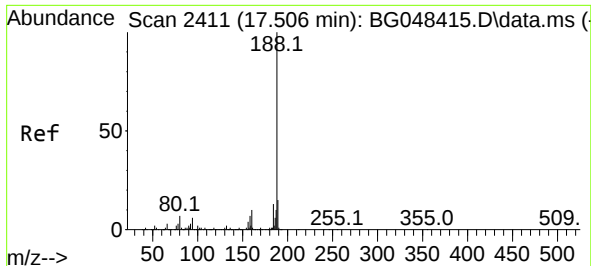
Tgt Ion:165 Resp: 15558
Ion Ratio Lower Upper
165 100
63 0.0 33.7 50.5#
89 2.7 36.6 54.8#



#57
2,4-Dinitrotoluene
Concen: 5.35 ng
RT: 14.741 min Scan# 1941
Delta R.T. -0.359 min
Lab File: BG048477.D
Acq: 23 Mar 2021 19:51

Tgt Ion:165 Resp: 15558
Ion Ratio Lower Upper
165 100
63 0.0 26.4 39.6#
89 2.7 47.8 71.8#
182 0.0 2.6 4.0#

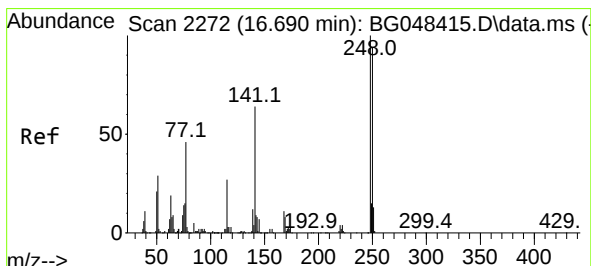
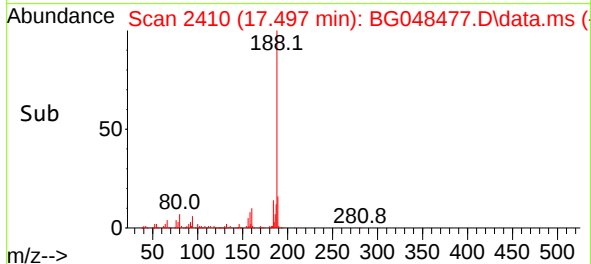
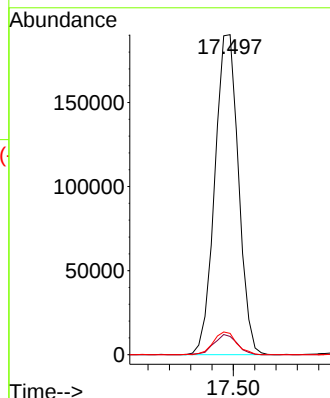
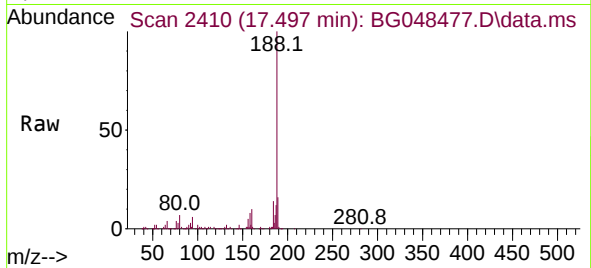




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.497 min Scan# 2410
Delta R.T. -0.001 min
Lab File: BG048477.D
Acq: 23 Mar 2021 19:51

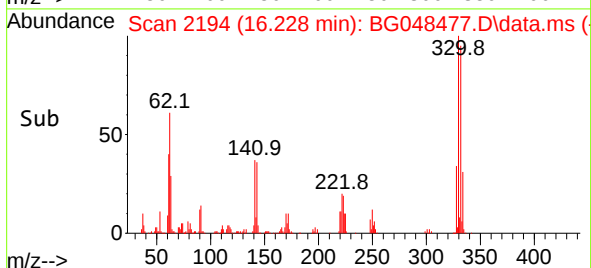
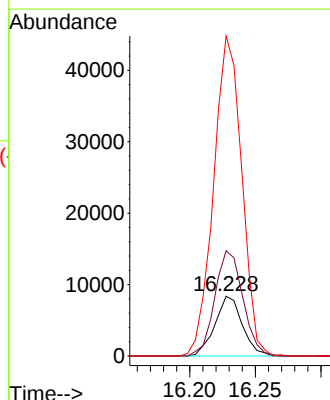
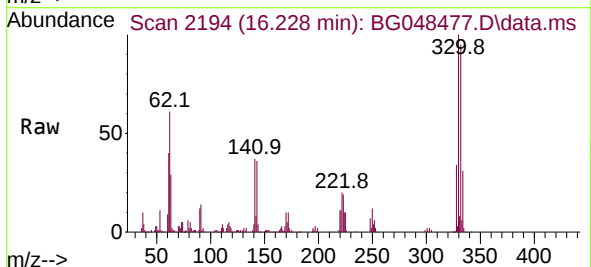
Instrument :
BNA_G
ClientSampleId :
RBR-54

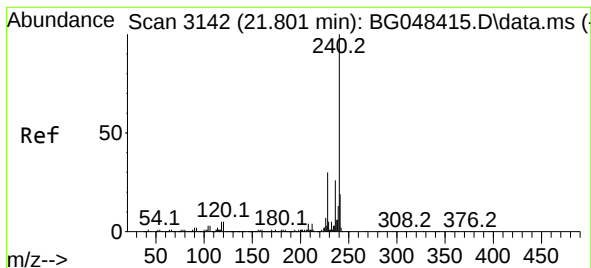
Tgt Ion:188 Resp: 293000
Ion Ratio Lower Upper
188 100
94 5.7 6.3 9.5#
80 6.6 7.0 10.6#



#67
4-Bromophenyl-phenylether
Concen: 3.28 ng
RT: 16.228 min Scan# 2194
Delta R.T. -0.453 min
Lab File: BG048477.D
Acq: 23 Mar 2021 19:51

Tgt Ion:248 Resp: 12103
Ion Ratio Lower Upper
248 100
250 176.2 78.9 118.3#
141 535.5 46.2 69.4#





#76

Chrysene-d12

Concen: 20.00 ng

RT: 21.786 min Scan# 3140

Delta R.T. -0.007 min

Lab File: BG048477.D

Acq: 23 Mar 2021 19:51

Tgt Ion:240 Resp: 282538

Ion Ratio Lower Upper

240 100

120 5.6 6.2 9.4#

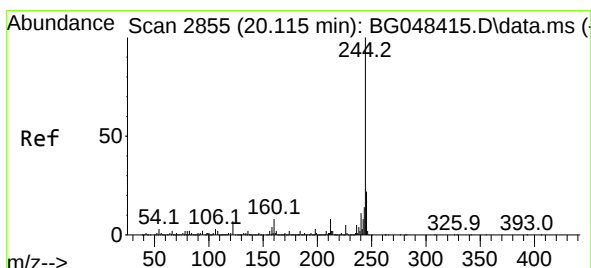
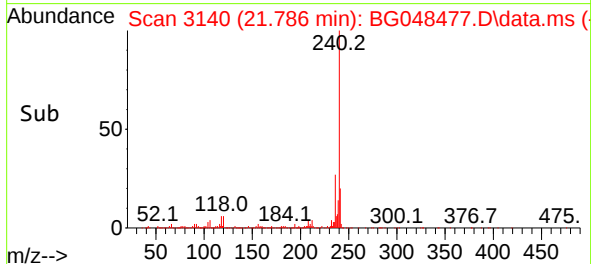
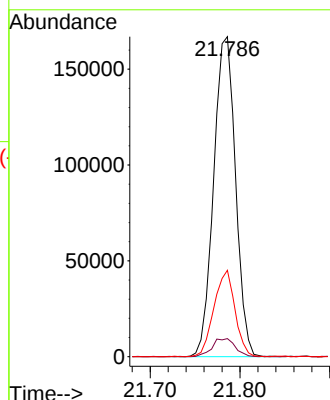
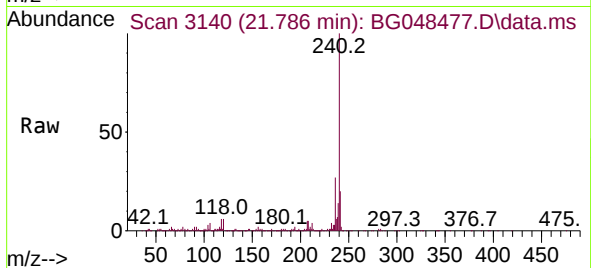
236 27.0 20.5 30.7

Instrument :

BNA_G

ClientSampleId :

RBR-54



#79

Terphenyl-d14

Concen: 54.17 ng

RT: 20.100 min Scan# 2853

Delta R.T. -0.007 min

Lab File: BG048477.D

Acq: 23 Mar 2021 19:51

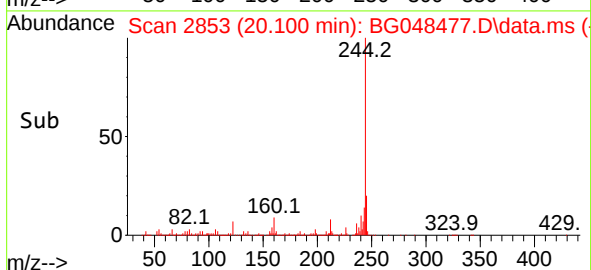
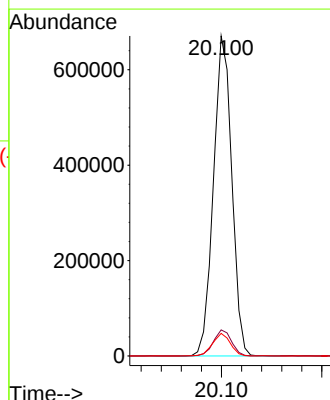
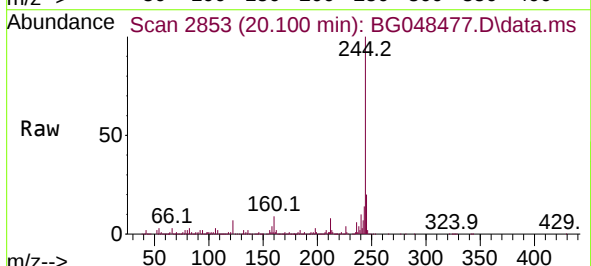
Tgt Ion:244 Resp: 848604

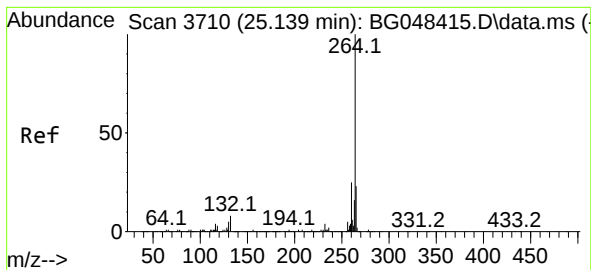
Ion Ratio Lower Upper

244 100

212 8.2 6.7 10.1

122 7.0 7.8 11.6#





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.117 min Scan# 3707
Delta R.T. -0.007 min
Lab File: BG048477.D
Acq: 23 Mar 2021 19:51

Instrument :
BNA_G
ClientSampleId :
RBR-54

Tgt Ion:264 Resp: 297208

Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.8	28.2
265	19.0	17.8	26.8

