

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041621\
 Data File : BG048756.D
 Acq On : 17 Apr 2021 15:43
 Operator : CG/JU
 Sample : M2050-14
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-2

Quant Time: Apr 19 00:26:56 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 16 15:59:00 2021
 Response via : Initial Calibration

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

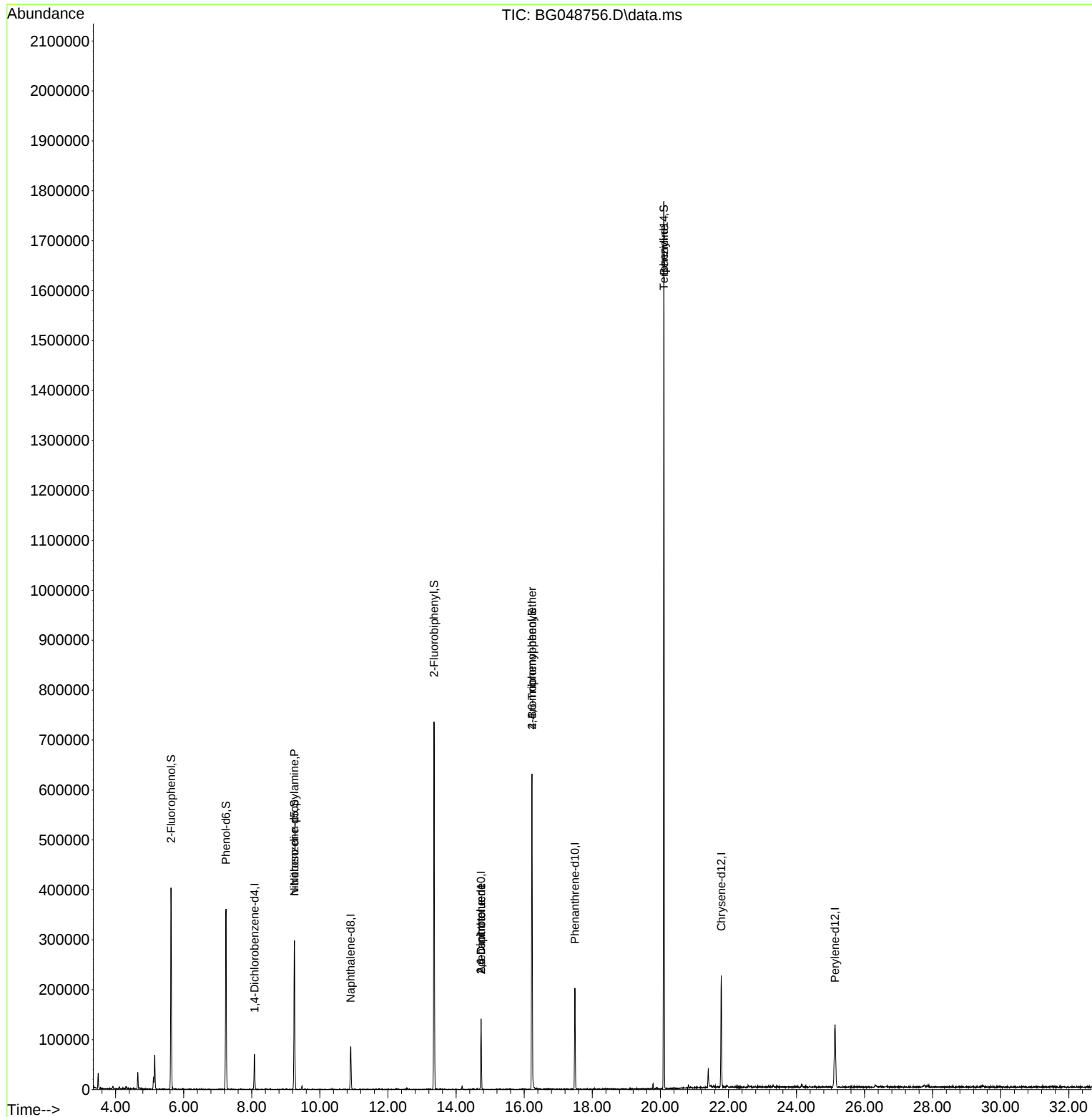
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.082	152	15882	20.00	ng	0.00
21) Naphthalene-d8	10.903	136	70211	20.00	ng	# 0.00
39) Acenaphthene-d10	14.733	164	50379	20.00	ng	0.00
64) Phenanthrene-d10	17.489	188	125927	20.00	ng	# 0.00
76) Chrysene-d12	21.790	240	137247	20.00	ng	0.00
86) Perylene-d12	25.127	264	135561	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.627	112	148842	156.74	ng	0.00
7) Phenol-d6	7.242	99	170704	127.09	ng	0.00
23) Nitrobenzene-d5	9.252	82	162679	103.73	ng	0.00
42) 2,4,6-Tribromophenol	16.232	330	104123	154.15	ng	0.00
45) 2-Fluorobiphenyl	13.353	172	350404	100.44	ng	0.00
79) Terphenyl-d14	20.104	244	776082	97.32	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.252	70	28350	31.28	ng	# 75
51) 2,6-Dinitrotoluene	14.733	165	6458	7.41	ng	# 13
57) 2,4-Dinitrotoluene	14.733	165	6458	5.10	ng	# 18
67) 4-Bromophenyl-phenylether	16.232	248	7806	5.39	ng	# 1
77) Benzidine	20.110	184	15337	4.11	ng	98

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

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QLast Update : Fri Apr 16 15:59:00 2021
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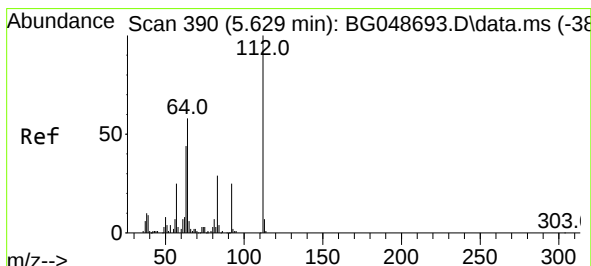
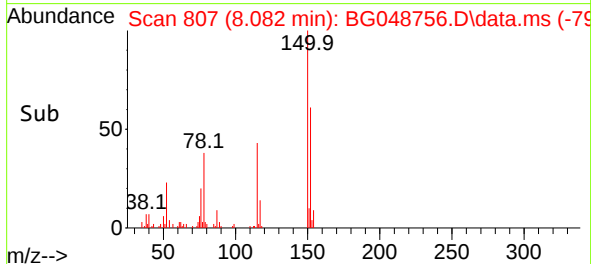
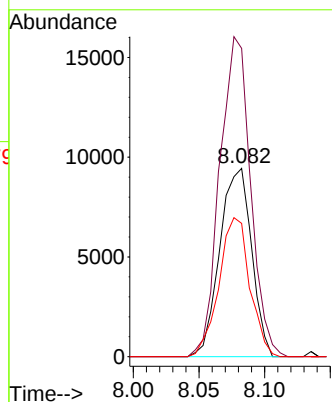
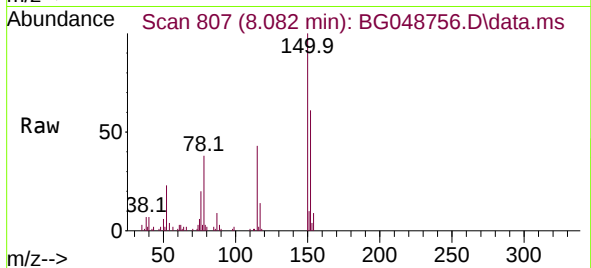




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.082 min Scan# 807
Delta R.T. 0.002 min
Lab File: BG048756.D
Acq: 17 Apr 2021 15:43

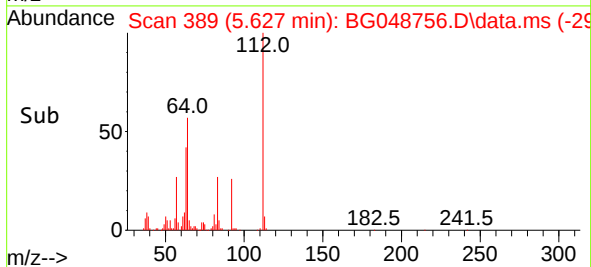
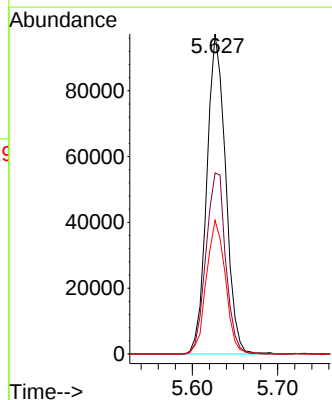
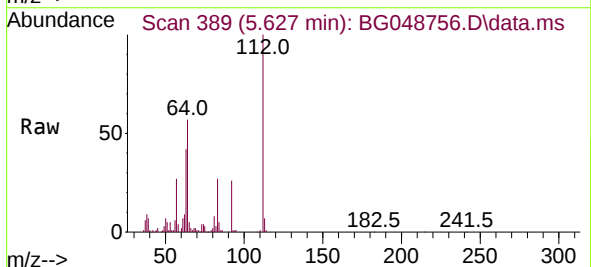
Instrument :
BNA_G
ClientSampled :
TP-2

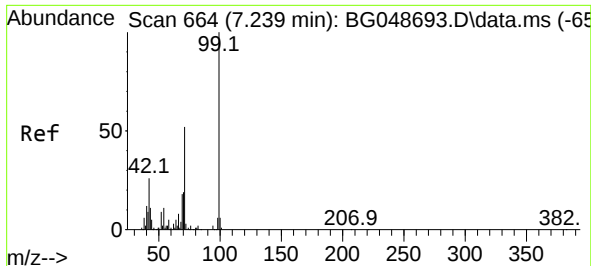
Tgt Ion:152 Resp: 15882
Ion Ratio Lower Upper
152 100
150 163.7 119.4 179.0
115 70.8 60.2 90.4



#5
2-Fluorophenol
Concen: 156.74 ng
RT: 5.627 min Scan# 389
Delta R.T. -0.003 min
Lab File: BG048756.D
Acq: 17 Apr 2021 15:43

Tgt Ion:112 Resp: 148842
Ion Ratio Lower Upper
112 100
64 56.5 46.7 70.1
63 41.8 35.3 52.9

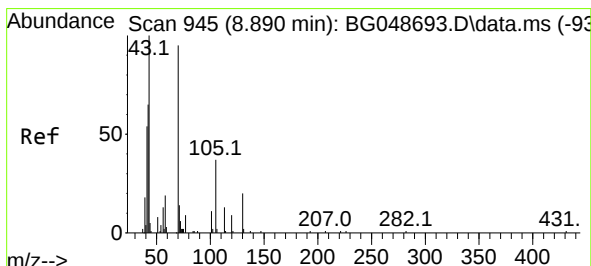
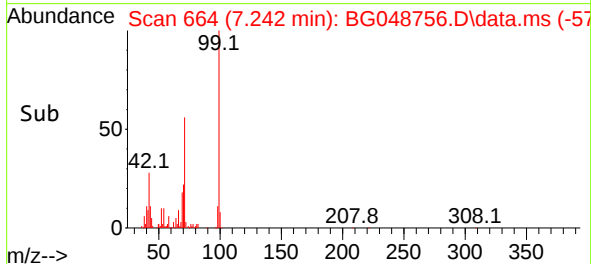
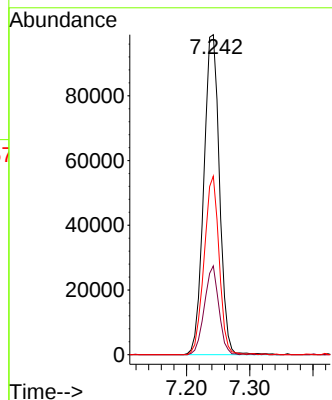
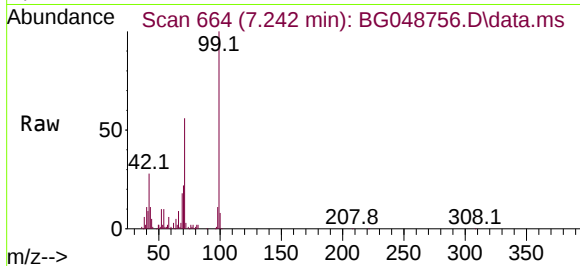




#7
Phenol-d6
Concen: 127.09 ng
RT: 7.242 min Scan# 664
Delta R.T. 0.003 min
Lab File: BG048756.D
Acq: 17 Apr 2021 15:43

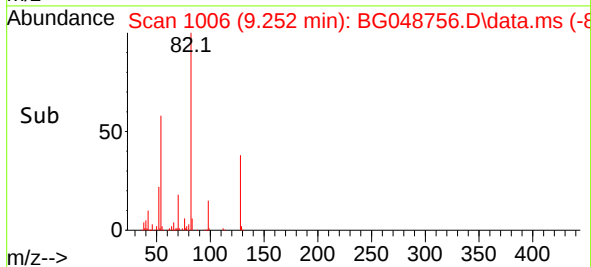
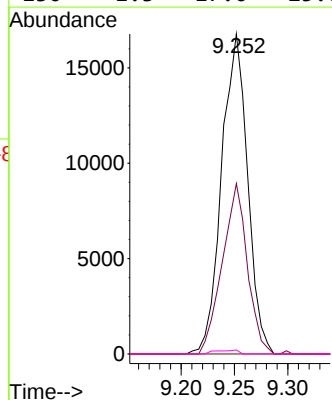
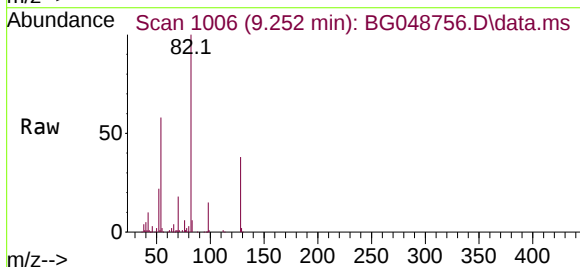
Instrument :
BNA_G
ClientSampleId :
TP-2

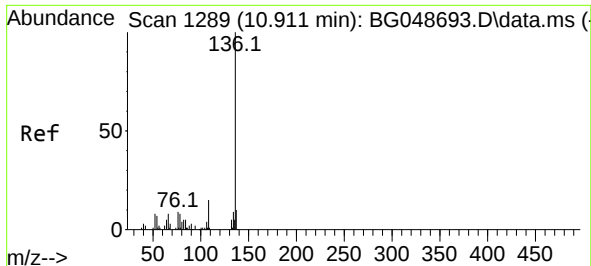
Tgt Ion: 99 Resp: 170704
Ion Ratio Lower Upper
99 100
42 27.7 20.5 30.7
71 55.8 41.5 62.3



#19
n-Nitroso-di-n-propylamine
Concen: 31.28 ng
RT: 9.252 min Scan# 1006
Delta R.T. 0.361 min
Lab File: BG048756.D
Acq: 17 Apr 2021 15:43

Tgt Ion: 70 Resp: 28350
Ion Ratio Lower Upper
70 100
42 53.2 54.5 81.7#
101 0.0 9.0 13.6#
130 1.3 17.0 25.6#

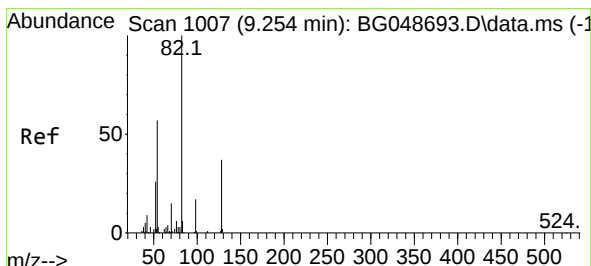
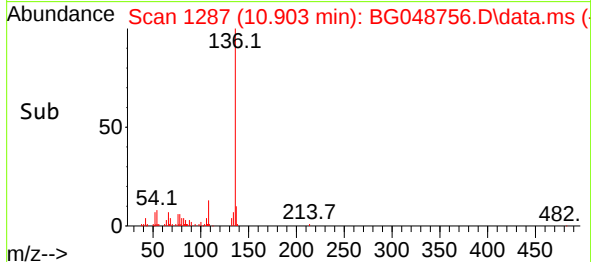
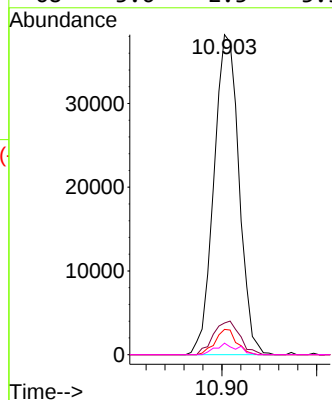
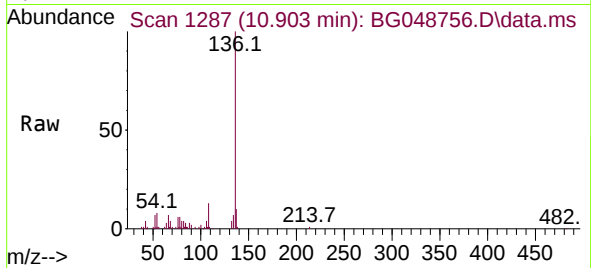




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.903 min Scan# 1287
Delta R.T. -0.009 min
Lab File: BG048756.D
Acq: 17 Apr 2021 15:43

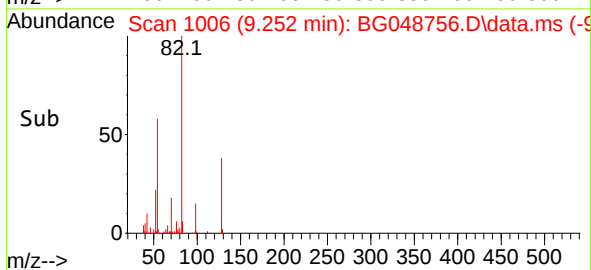
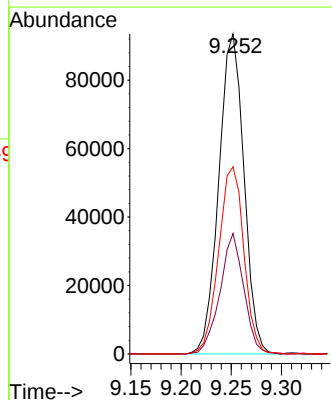
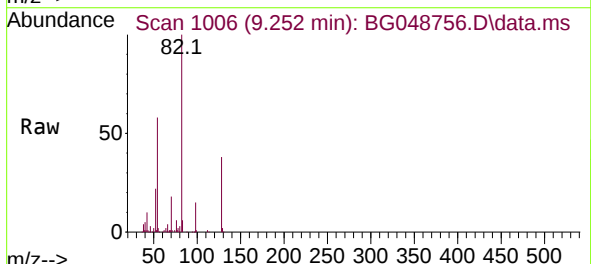
Instrument :
BNA_G
ClientSampleId :
TP-2

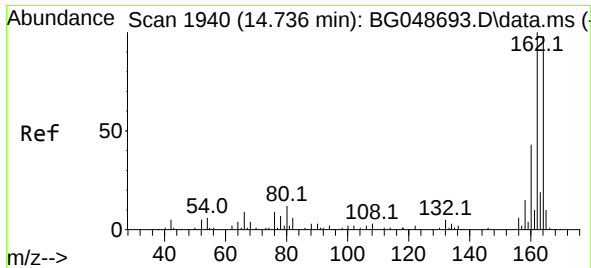
Tgt Ion:	136	Resp:	70211
Ion Ratio	Lower	Upper	
136	100		
137	9.9	8.2	12.2
54	7.9	5.5	8.3
68	3.6	2.3	3.5#



#23
Nitrobenzene-d5
Concen: 103.73 ng
RT: 9.252 min Scan# 1006
Delta R.T. -0.003 min
Lab File: BG048756.D
Acq: 17 Apr 2021 15:43

Tgt Ion:	82	Resp:	162679
Ion Ratio	Lower	Upper	
82	100		
128	37.6	29.8	44.6
54	58.5	45.8	68.8

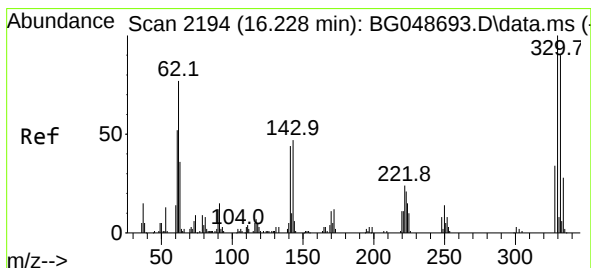
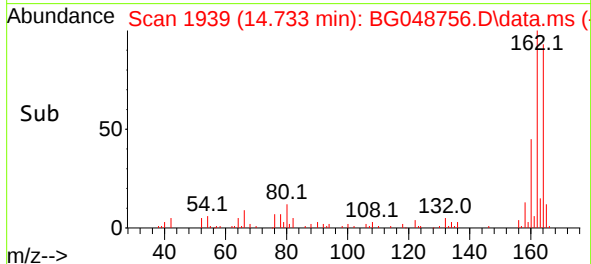
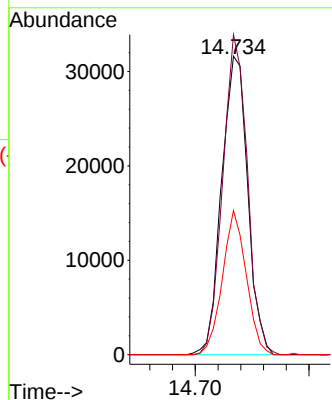
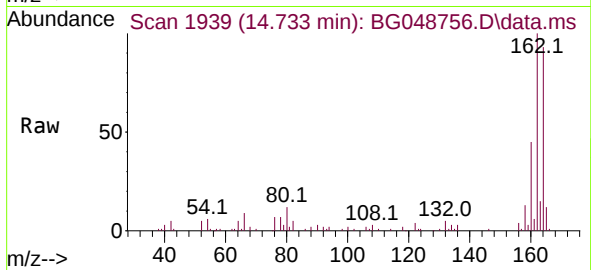




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.733 min Scan# 1939
Delta R.T. -0.009 min
Lab File: BG048756.D
Acq: 17 Apr 2021 15:43

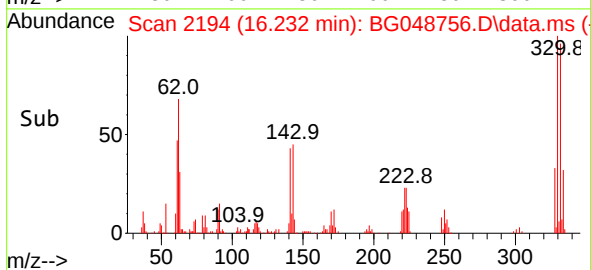
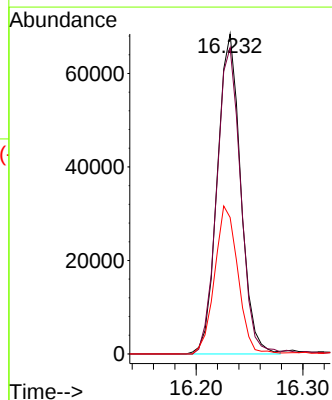
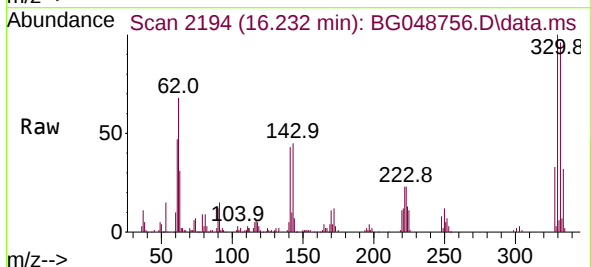
Instrument :
BNA_G
ClientSampleId :
TP-2

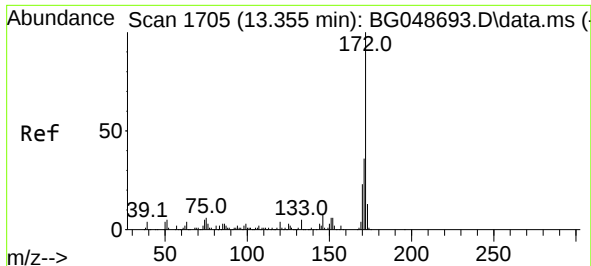
Tgt Ion:164 Resp: 50379
Ion Ratio Lower Upper
164 100
162 107.2 81.4 122.0
160 48.3 34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 154.15 ng
RT: 16.232 min Scan# 2194
Delta R.T. -0.003 min
Lab File: BG048756.D
Acq: 17 Apr 2021 15:43

Tgt Ion:330 Resp: 104123
Ion Ratio Lower Upper
330 100
332 98.0 77.3 115.9
141 46.0 35.6 53.4

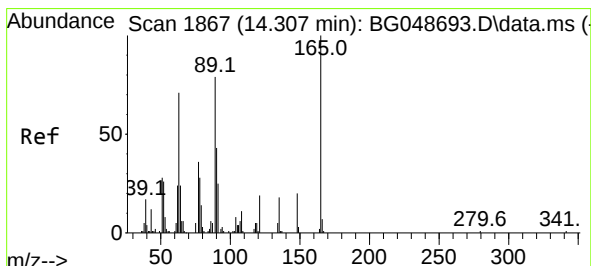
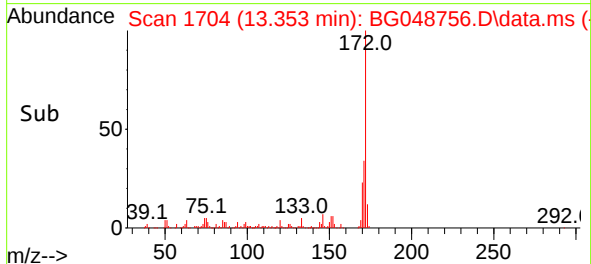
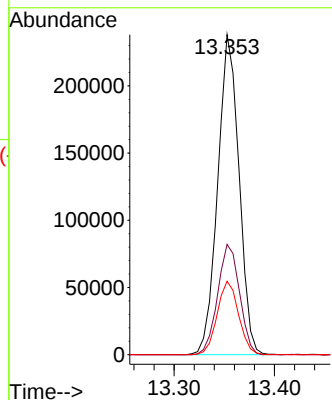
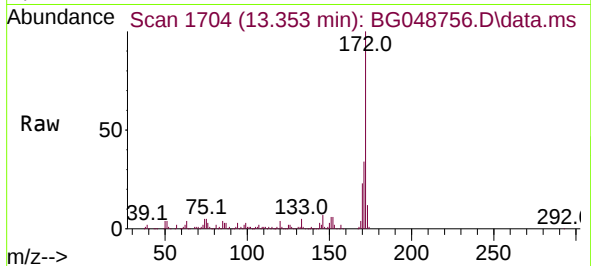




#45
2-Fluorobiphenyl
Concen: 100.44 ng
RT: 13.353 min Scan# 1704
Delta R.T. -0.003 min
Lab File: BG048756.D
Acq: 17 Apr 2021 15:43

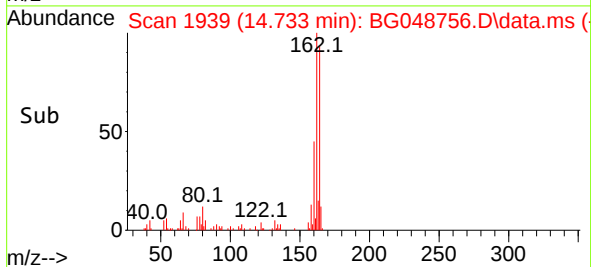
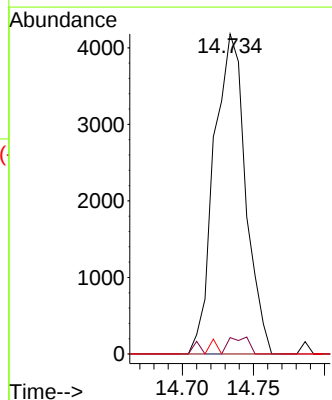
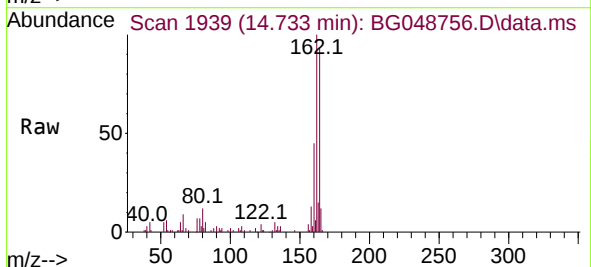
Instrument :
BNA_G
ClientSampleId :
TP-2

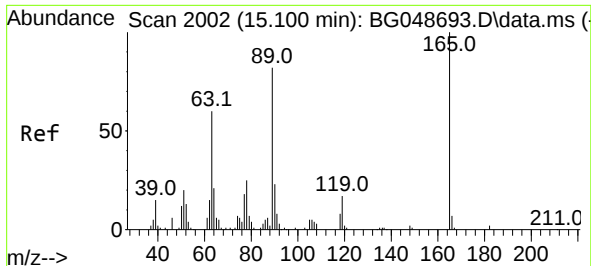
Tgt Ion:172 Resp: 350404
Ion Ratio Lower Upper
172 100
171 34.4 28.6 43.0
170 22.9 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 7.41 ng
RT: 14.733 min Scan# 1939
Delta R.T. 0.420 min
Lab File: BG048756.D
Acq: 17 Apr 2021 15:43

Tgt Ion:165 Resp: 6458
Ion Ratio Lower Upper
165 100
63 5.1 63.3 94.9#
89 0.0 63.4 95.0#

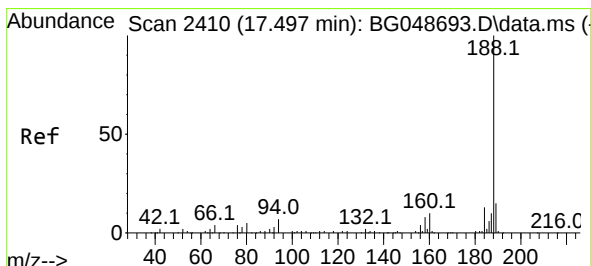
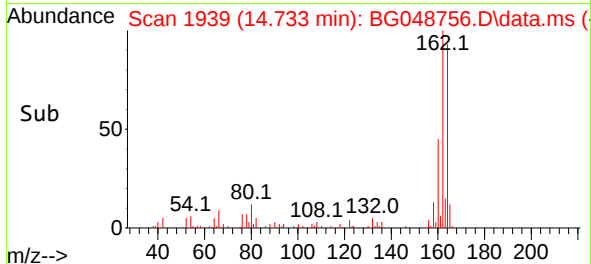
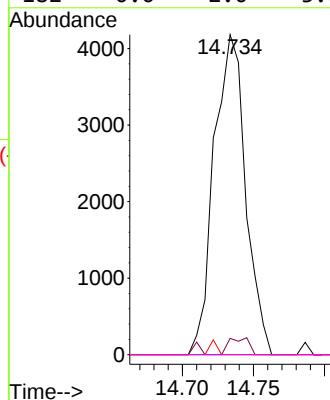
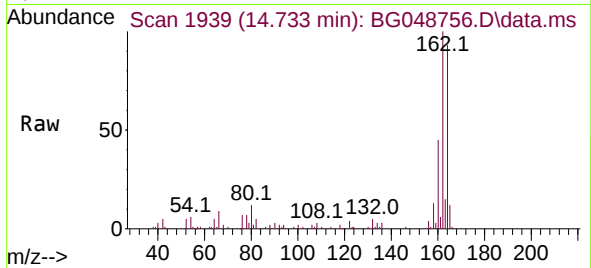




#57
2,4-Dinitrotoluene
Concen: 5.10 ng
RT: 14.733 min Scan# 1939
Delta R.T. -0.368 min
Lab File: BG048756.D
Acq: 17 Apr 2021 15:43

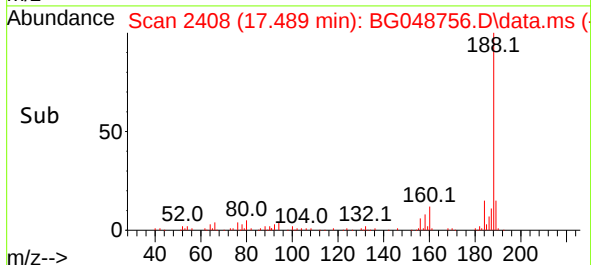
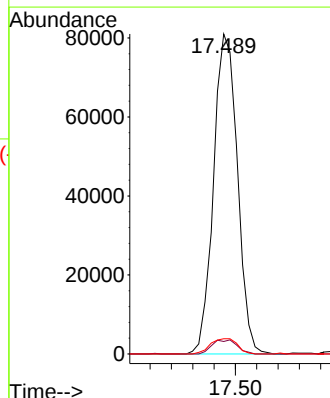
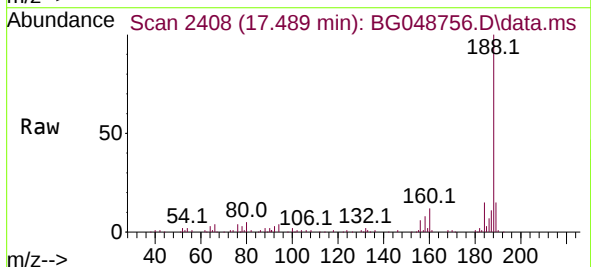
Instrument :
BNA_G
ClientSampled :
TP-2

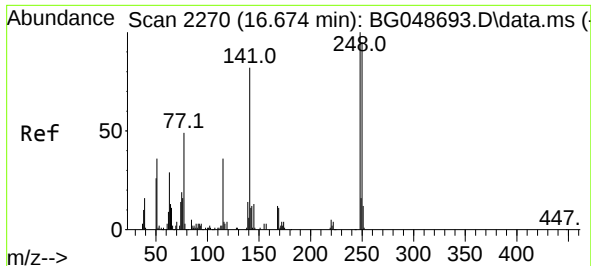
Tgt Ion:165 Resp: 6458
Ion Ratio Lower Upper
165 100
63 5.1 48.0 72.0#
89 0.0 65.4 98.0#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.489 min Scan# 2408
Delta R.T. -0.009 min
Lab File: BG048756.D
Acq: 17 Apr 2021 15:43

Tgt Ion:188 Resp: 125927
Ion Ratio Lower Upper
188 100
94 3.9 5.4 8.0#
80 4.8 3.7 5.5

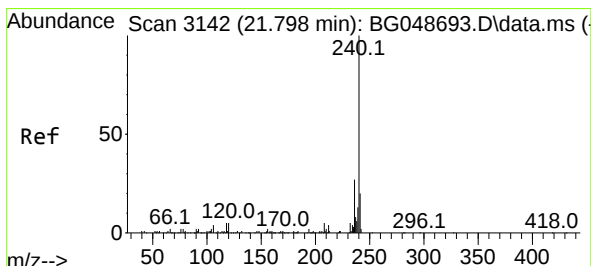
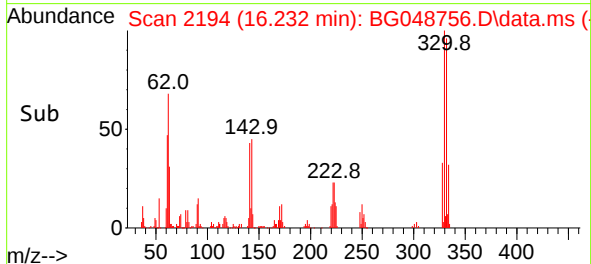
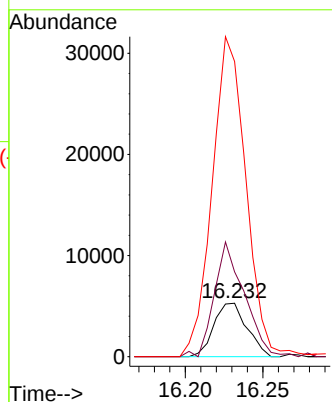
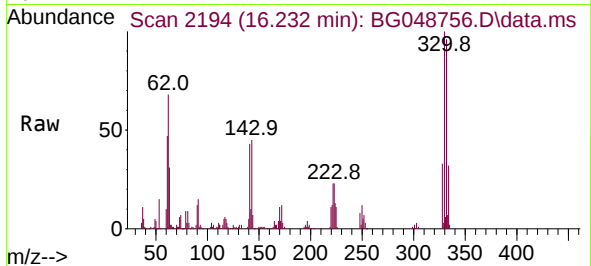




#67
4-Bromophenyl-phenylether
Concen: 5.39 ng
RT: 16.232 min Scan# 2194
Delta R.T. -0.444 min
Lab File: BG048756.D
Acq: 17 Apr 2021 15:43

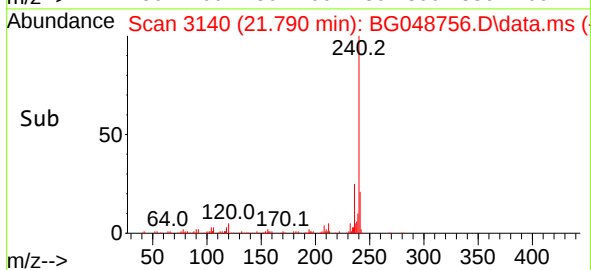
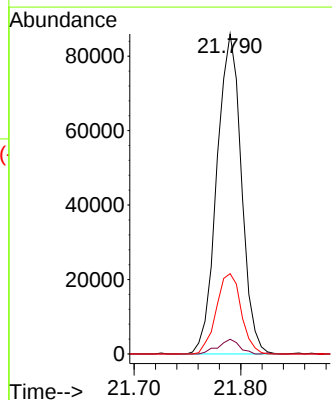
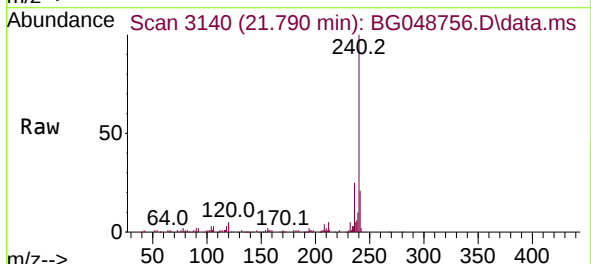
Instrument :
BNA_G
ClientSampled :
TP-2

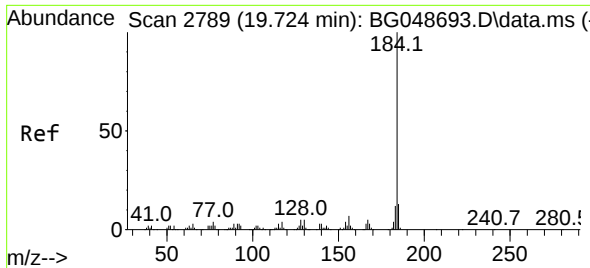
Tgt Ion:248 Resp: 7806
Ion Ratio Lower Upper
248 100
250 158.6 76.1 114.1#
141 552.1 65.4 98.2#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.790 min Scan# 3140
Delta R.T. -0.009 min
Lab File: BG048756.D
Acq: 17 Apr 2021 15:43

Tgt Ion:240 Resp: 137247
Ion Ratio Lower Upper
240 100
120 4.6 4.2 6.2
236 25.1 21.8 32.6

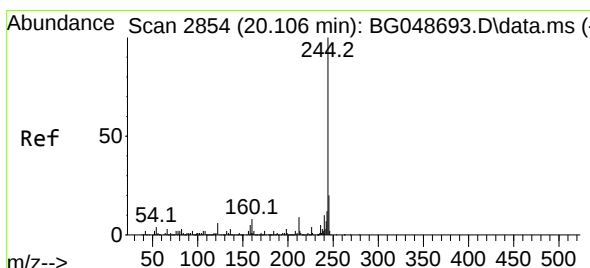
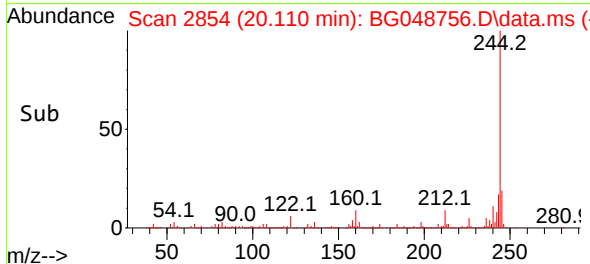
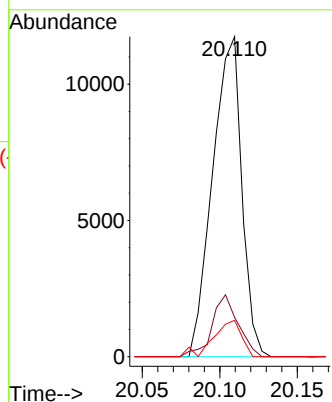
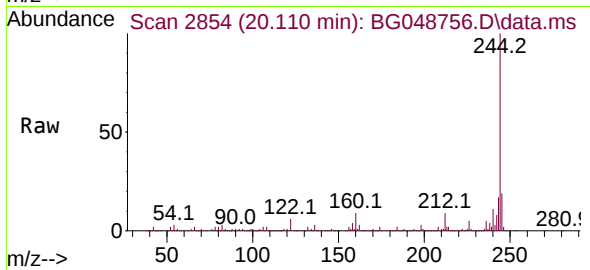




#77
Benzidine
Concen: 4.11 ng
RT: 20.110 min Scan# 2854
Delta R.T. 0.379 min
Lab File: BG048756.D
Acq: 17 Apr 2021 15:43

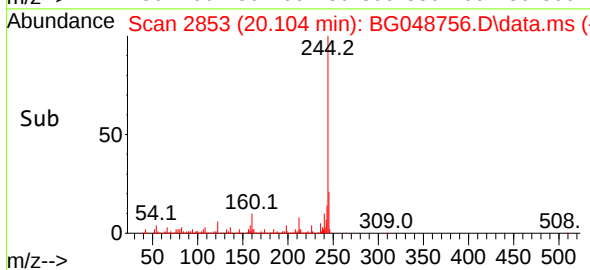
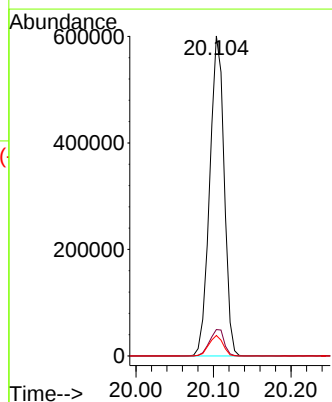
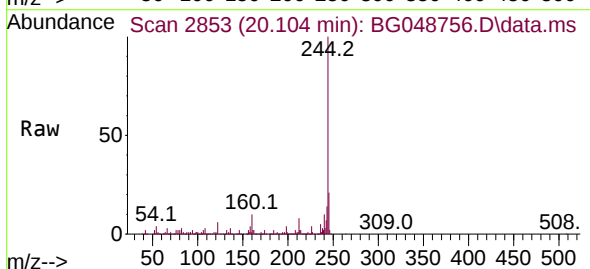
Instrument :
BNA_G
ClientSampleId :
TP-2

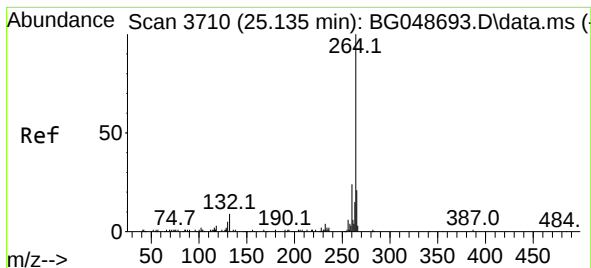
Tgt Ion:184 Resp: 15337
Ion Ratio Lower Upper
184 100
185 12.3 10.7 16.1
183 11.4 9.4 14.0



#79
Terphenyl-d14
Concen: 97.32 ng
RT: 20.104 min Scan# 2853
Delta R.T. -0.003 min
Lab File: BG048756.D
Acq: 17 Apr 2021 15:43

Tgt Ion:244 Resp: 776082
Ion Ratio Lower Upper
244 100
212 8.2 6.9 10.3
122 6.4 5.0 7.6





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.127 min Scan# 3708
 Delta R.T. -0.015 min
 Lab File: BG048756.D
 Acq: 17 Apr 2021 15:43

Instrument :
 BNA_G
 ClientSampleId :
 TP-2

Tgt Ion:264	Resp:	135561
Ion	Ratio	Lower Upper
264	100	
260	24.3	19.4 29.2
265	20.6	16.9 25.3

