

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071922\
 Data File : BG054321.D
 Acq On : 19 Jul 2022 17:08
 Operator : CG/JU
 Sample : PB145957BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB145957BL

Quant Time: Jul 19 17:43:03 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 19 14:41:07 2022
 Response via : Initial Calibration

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

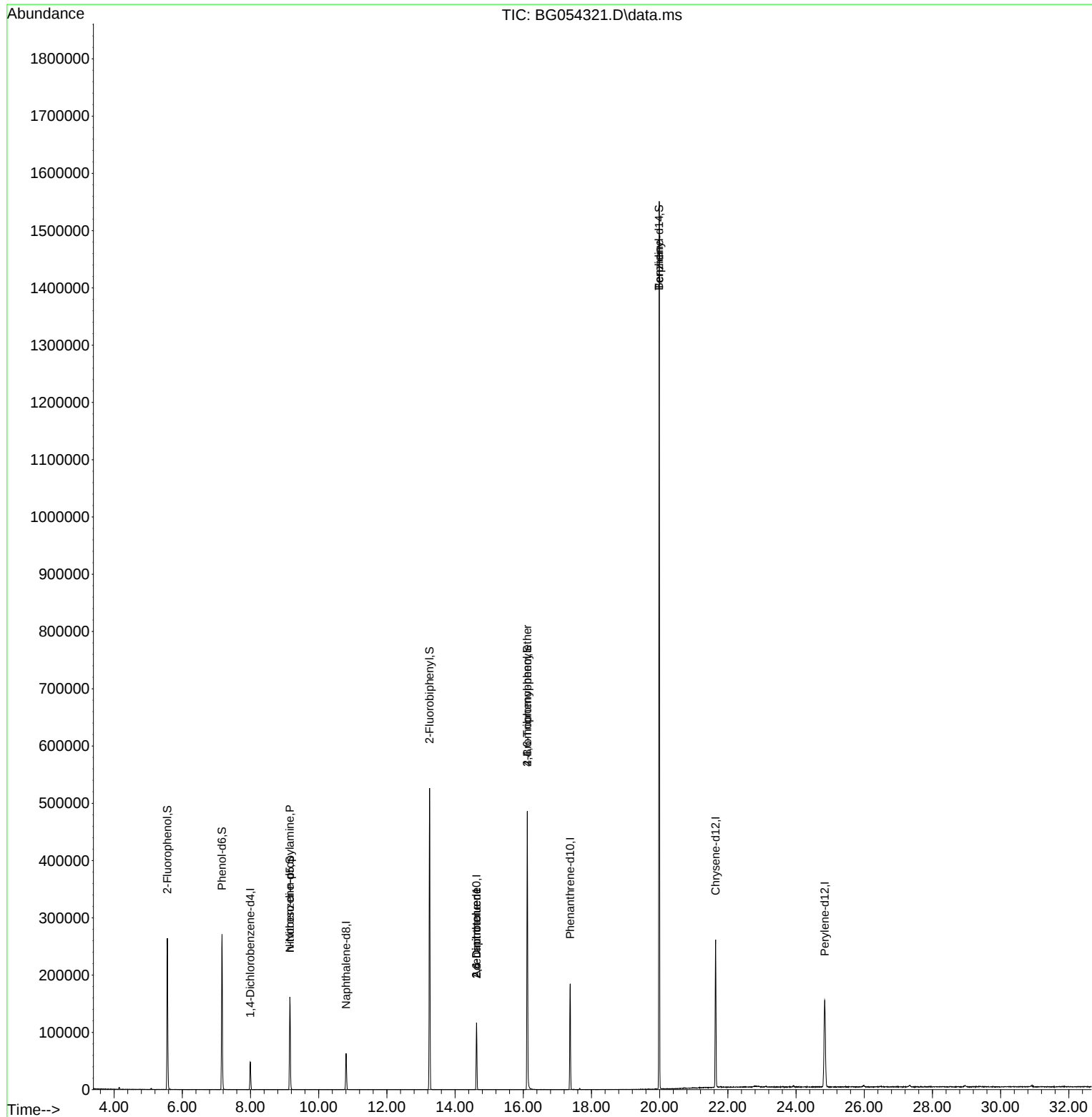
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.994	152	16010	20.000	ng	0.00
21) Naphthalene-d8	10.802	136	59876	20.000	ng	# 0.00
39) Acenaphthene-d10	14.627	164	47540	20.000	ng	0.00
64) Phenanthrene-d10	17.377	188	138328	20.000	ng	# 0.00
76) Chrysene-d12	21.643	240	190254	20.000	ng	# 0.00
86) Perylene-d12	24.845	264	198025	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.561	112	114840	149.764	ng	0.00
7) Phenol-d6	7.165	99	147758	140.626	ng	0.00
23) Nitrobenzene-d5	9.157	82	98245	89.354	ng	0.00
42) 2,4,6-Tribromophenol	16.120	330	132962	133.207	ng	0.00
45) 2-Fluorobiphenyl	13.252	172	309724	91.907	ng	0.00
79) Terphenyl-d14	19.986	244	883562	92.130	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.157	70	13676	19.491	ng	# 85
51) 2,6-Dinitrotoluene	14.627	165	6382	7.836	ng	# 16
57) 2,4-Dinitrotoluene	14.627	165	6382	5.466	ng	# 21
67) 4-Bromophenyl-phenylether	16.120	248	8084	4.161	ng	# 1
77) Benzydine	19.986	184	11291	3.277	ng	# 85

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

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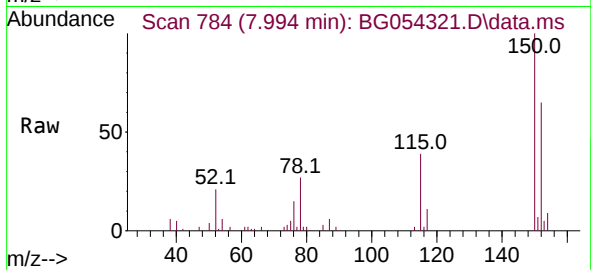
Quant Time: Jul 19 17:43:03 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
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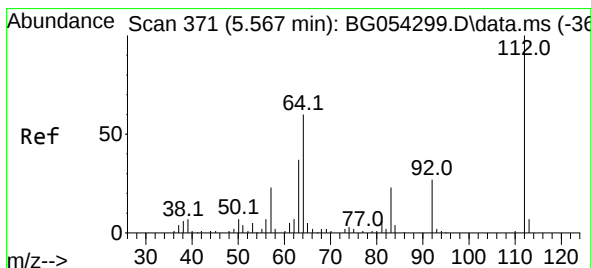
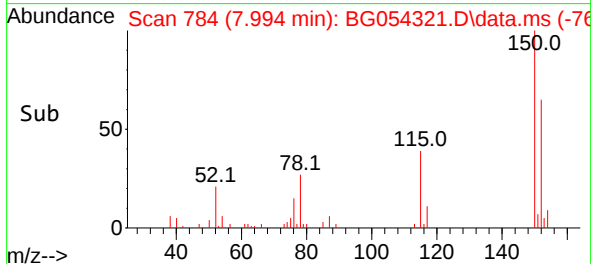
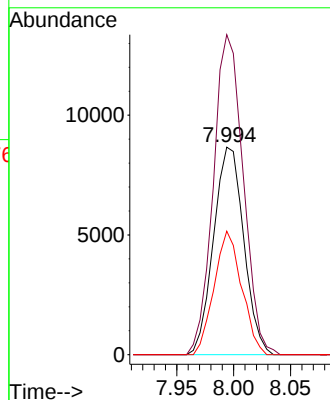


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.994 min Scan# 71
Delta R.T. -0.006 min
Lab File: BG054321.D
Acq: 19 Jul 2022 17:08

Instrument :
BNA_G
ClientSampleId :
PB145957BL

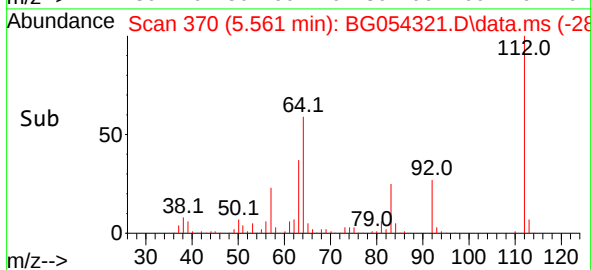
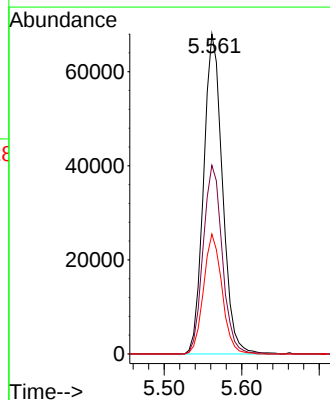
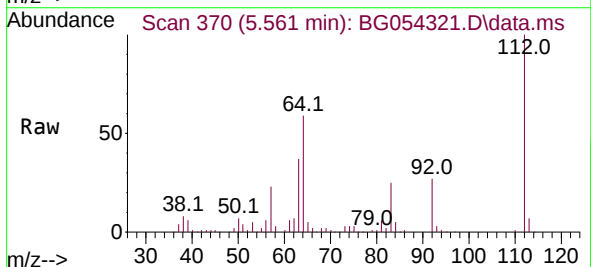


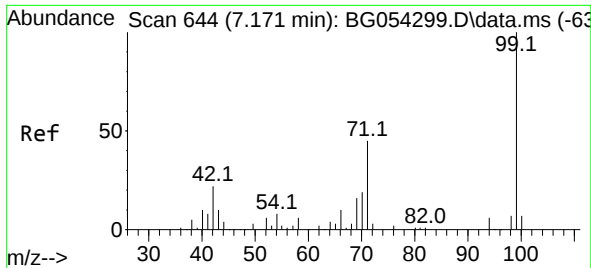
Tgt Ion:152 Resp: 16010
Ion Ratio Lower Upper
152 100
150 154.2 131.6 197.4
115 59.5 50.9 76.3



#5
2-Fluorophenol
Concen: 149.764 ng
RT: 5.561 min Scan# 370
Delta R.T. -0.006 min
Lab File: BG054321.D
Acq: 19 Jul 2022 17:08

Tgt Ion:112 Resp: 114840
Ion Ratio Lower Upper
112 100
64 58.9 55.1 82.7
63 37.5 30.4 45.6

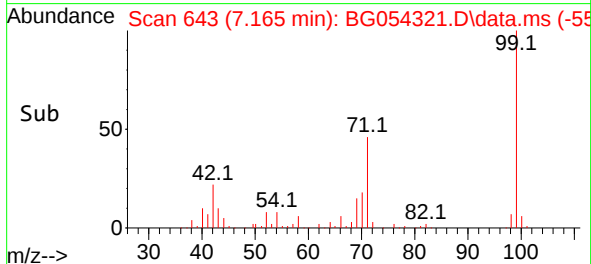
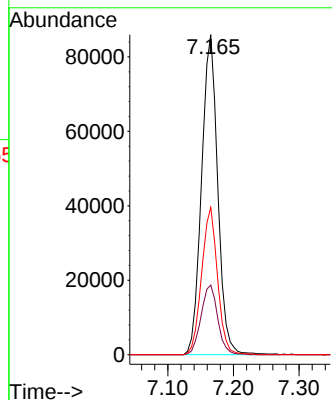
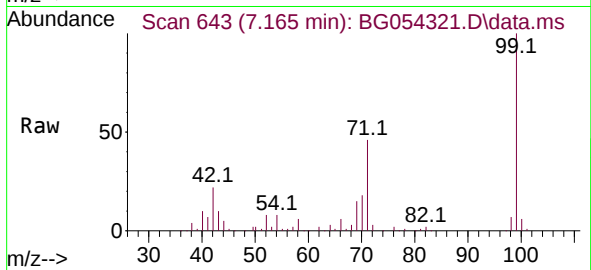




#7
Phenol-d6
Concen: 140.626 ng
RT: 7.165 min Scan# 64
Delta R.T. -0.006 min
Lab File: BG054321.D
Acq: 19 Jul 2022 17:08

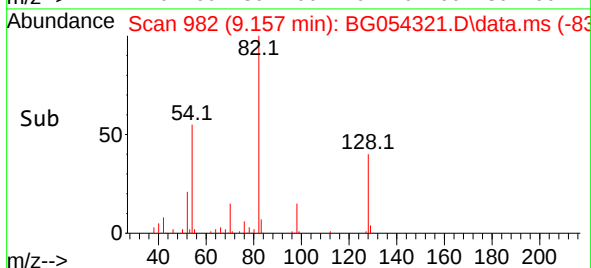
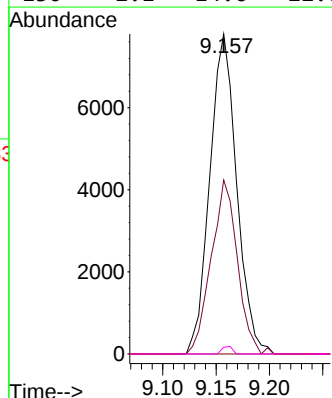
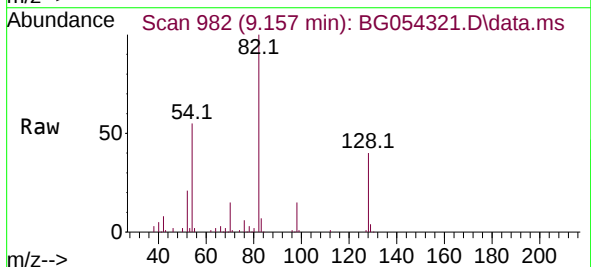
Instrument :
BNA_G
ClientSampleId :
PB145957BL

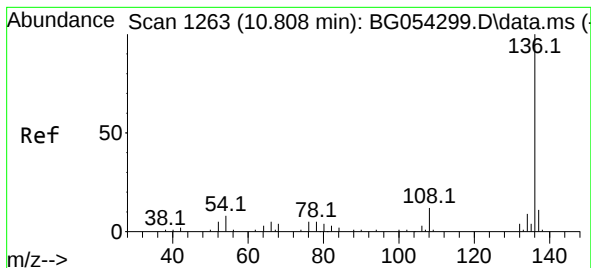
Tgt Ion: 99 Resp: 147758
Ion Ratio Lower Upper
99 100
42 21.8 17.0 25.6
71 46.0 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 19.491 ng
RT: 9.157 min Scan# 982
Delta R.T. 0.352 min
Lab File: BG054321.D
Acq: 19 Jul 2022 17:08

Tgt Ion: 70 Resp: 13676
Ion Ratio Lower Upper
70 100
42 54.3 47.3 70.9
101 0.0 7.0 10.4#
130 2.1 14.6 22.0#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.802 min Scan# 11

Delta R.T. -0.006 min

Lab File: BG054321.D

Acq: 19 Jul 2022 17:08

Instrument :

BNA_G

ClientSampleId :

PB145957BL

Tgt Ion:136 Resp: 59876

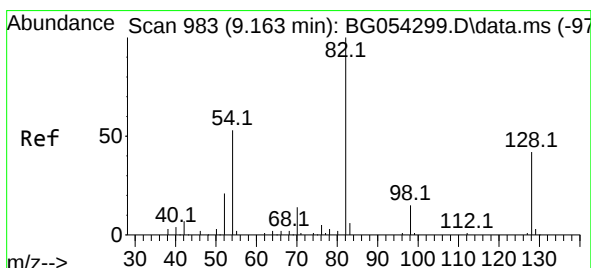
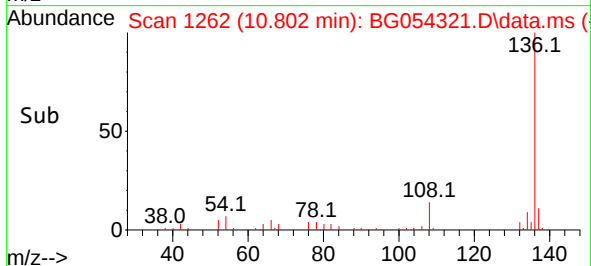
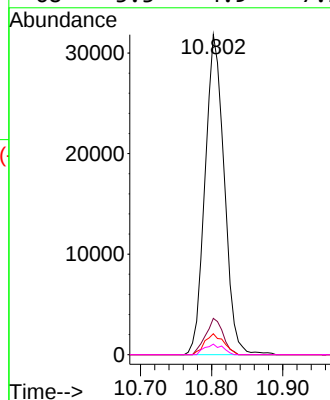
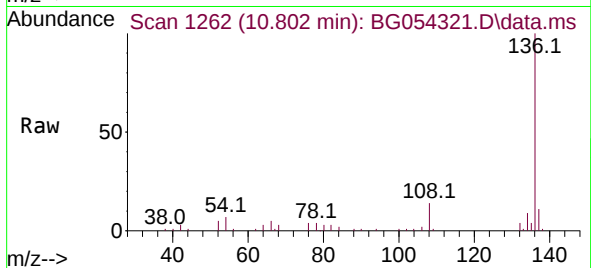
Ion Ratio Lower Upper

136 100

137 11.3 8.5 12.7

54 6.6 7.4 11.2#

68 3.3 4.9 7.3#



#23

Nitrobenzene-d5

Concen: 89.354 ng

RT: 9.157 min Scan# 982

Delta R.T. -0.006 min

Lab File: BG054321.D

Acq: 19 Jul 2022 17:08

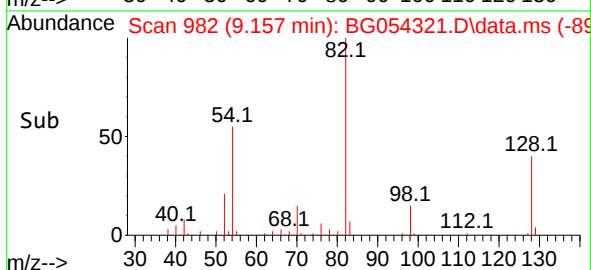
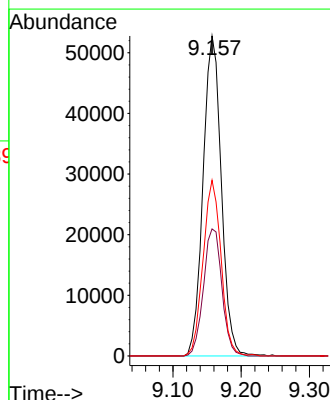
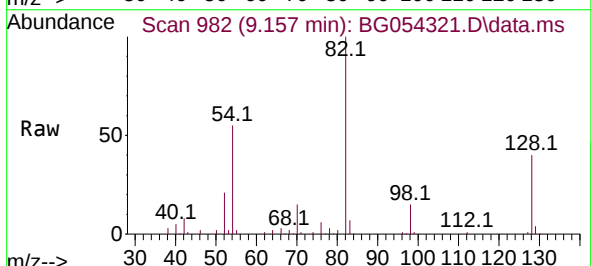
Tgt Ion: 82 Resp: 98245

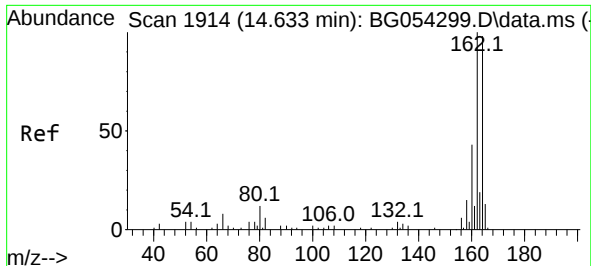
Ion Ratio Lower Upper

82 100

128 39.7 27.9 41.9

54 54.9 41.2 61.8

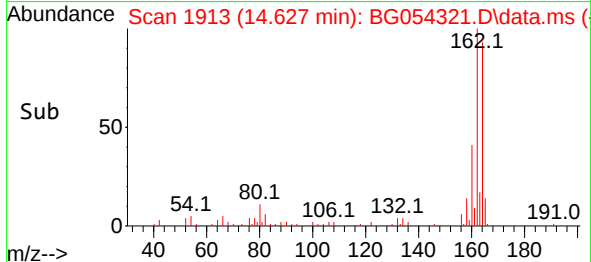
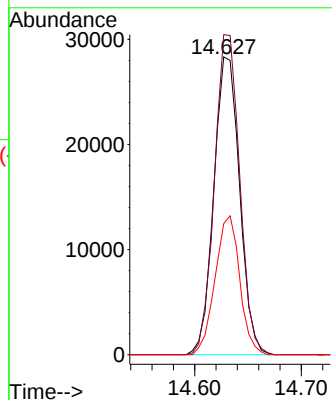
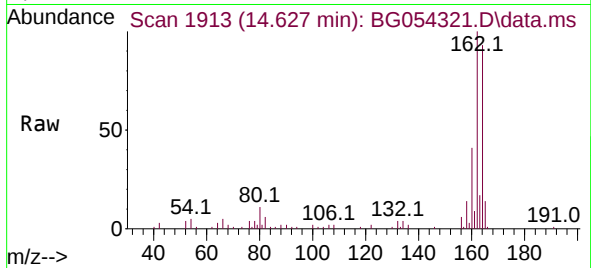




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.627 min Scan# 1913
Delta R.T. -0.006 min
Lab File: BG054321.D
Acq: 19 Jul 2022 17:08

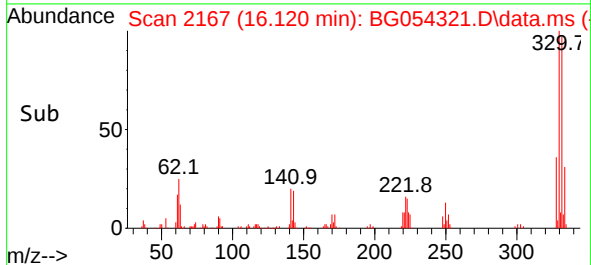
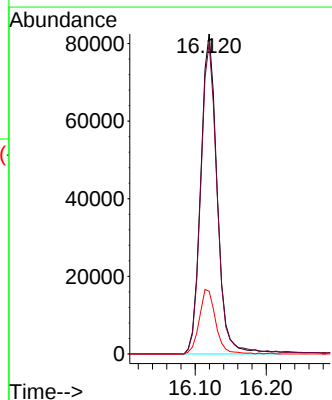
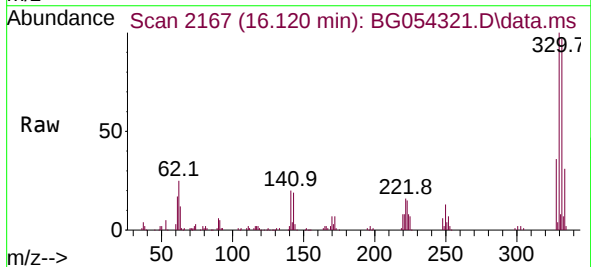
Instrument :
BNA_G
ClientSampleId :
PB145957BL

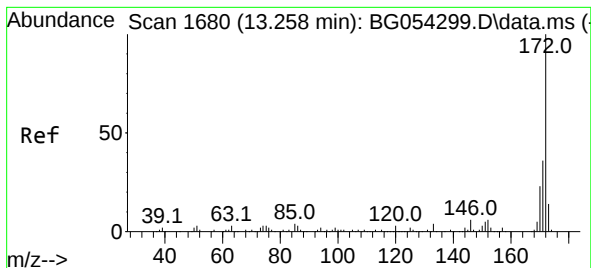
Tgt Ion:164 Resp: 47540
Ion Ratio Lower Upper
164 100
162 107.5 82.3 123.5
160 44.0 34.2 51.2



#42
2,4,6-Tribromophenol
Concen: 133.207 ng
RT: 16.120 min Scan# 2167
Delta R.T. -0.006 min
Lab File: BG054321.D
Acq: 19 Jul 2022 17:08

Tgt Ion:330 Resp: 132962
Ion Ratio Lower Upper
330 100
332 96.6 76.0 114.0
141 20.0 27.1 40.7#

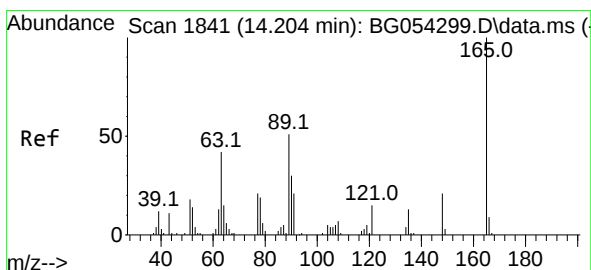
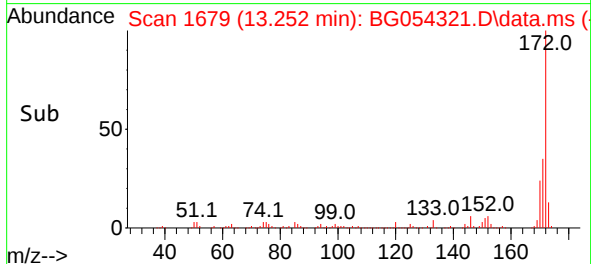
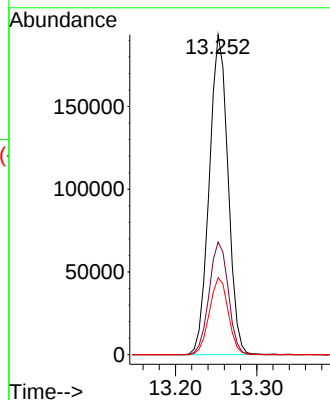
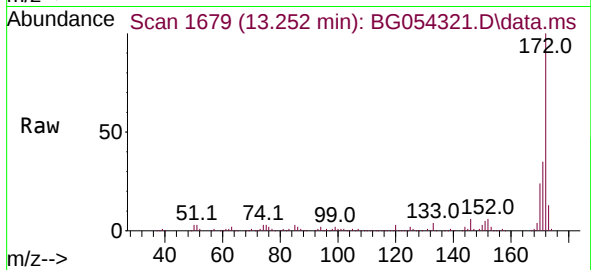




#45
2-Fluorobiphenyl
Concen: 91.907 ng
RT: 13.252 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG054321.D
Acq: 19 Jul 2022 17:08

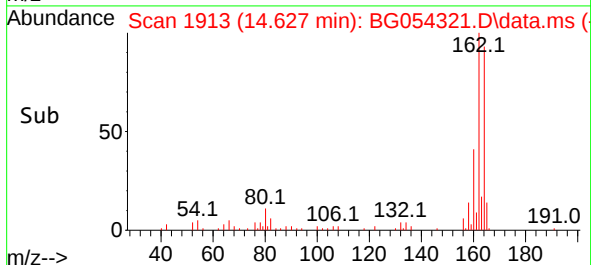
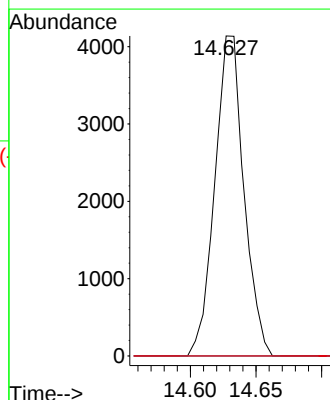
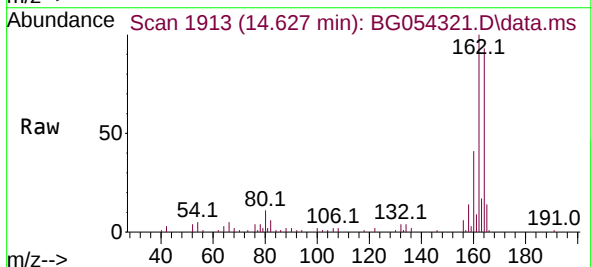
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ClientSampleId :
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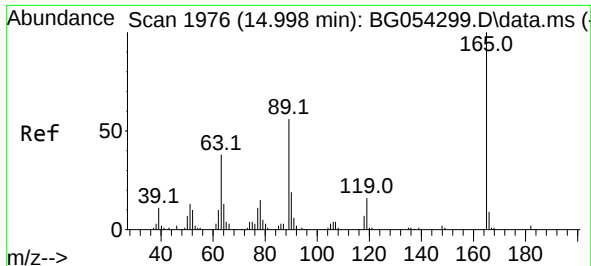
Tgt Ion:172 Resp: 309724
Ion Ratio Lower Upper
172 100
171 35.2 28.5 42.7
170 24.0 18.9 28.3



#51
2,6-Dinitrotoluene
Concen: 7.836 ng
RT: 14.627 min Scan# 1913
Delta R.T. 0.423 min
Lab File: BG054321.D
Acq: 19 Jul 2022 17:08

Tgt Ion:165 Resp: 6382
Ion Ratio Lower Upper
165 100
63 0.0 54.1 81.1#
89 0.0 54.8 82.2#





#57

2,4-Dinitrotoluene

Concen: 5.466 ng

RT: 14.627 min Scan# 1976

Delta R.T. -0.370 min

Lab File: BG054321.D

Acq: 19 Jul 2022 17:08

Instrument :

BNA_G

ClientSampleId :

PB145957BL

Tgt Ion:165 Resp: 6382

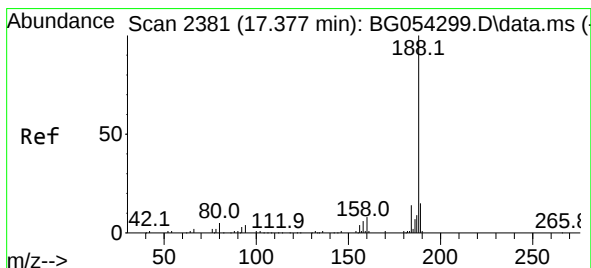
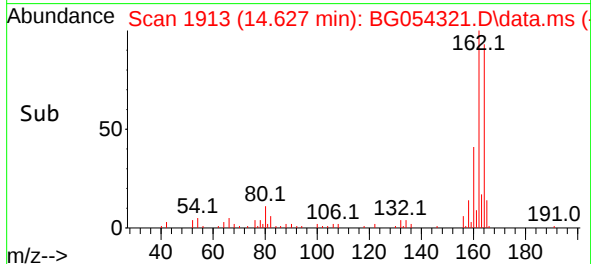
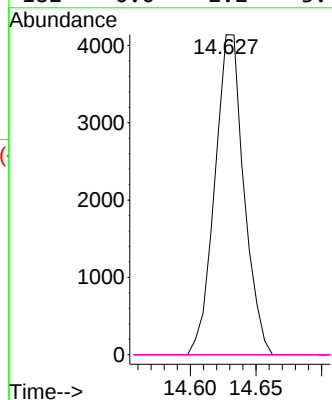
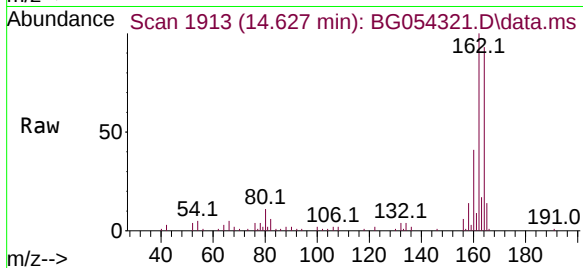
Ion Ratio Lower Upper

165 100

63 0.0 34.6 52.0#

89 0.0 60.3 90.5#

182 0.0 2.2 3.4#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.377 min Scan# 2381

Delta R.T. -0.000 min

Lab File: BG054321.D

Acq: 19 Jul 2022 17:08

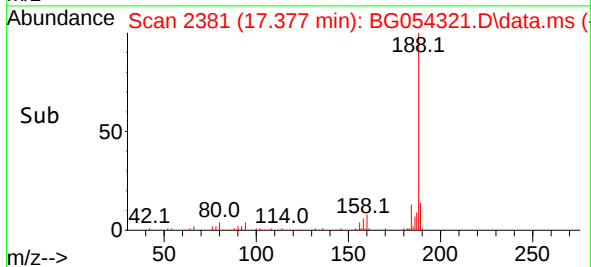
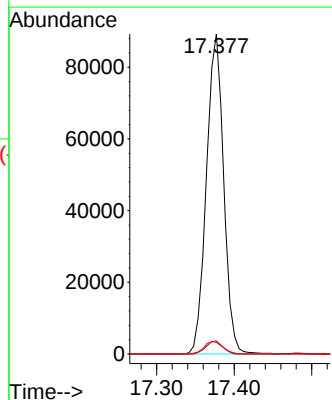
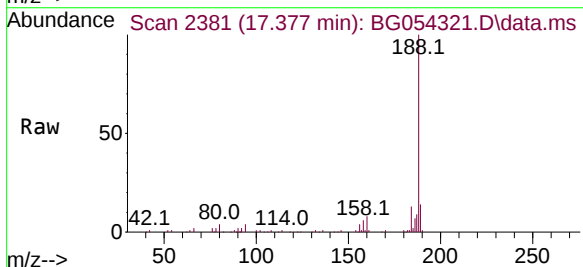
Tgt Ion:188 Resp: 138328

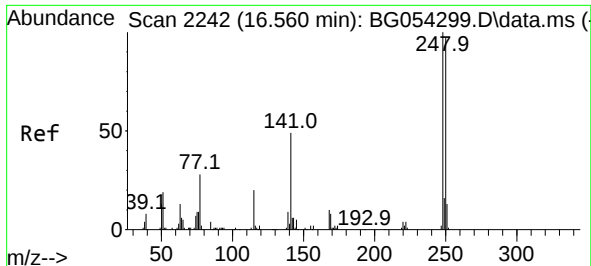
Ion Ratio Lower Upper

188 100

94 3.6 5.4 8.0#

80 4.1 6.8 10.2#

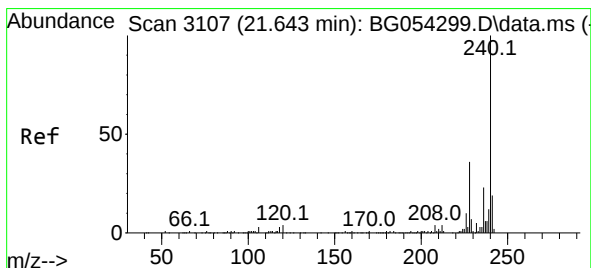
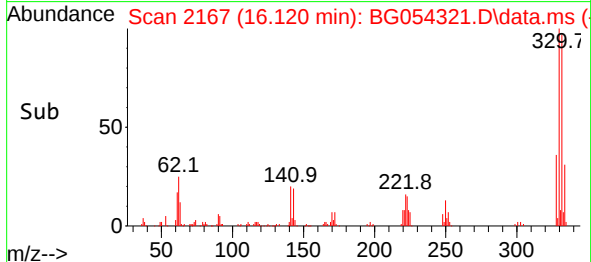
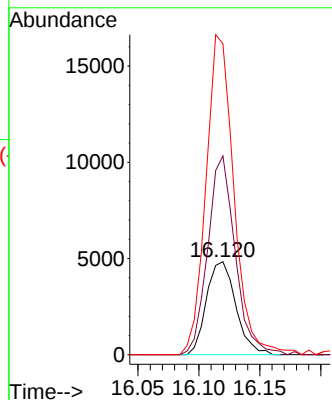
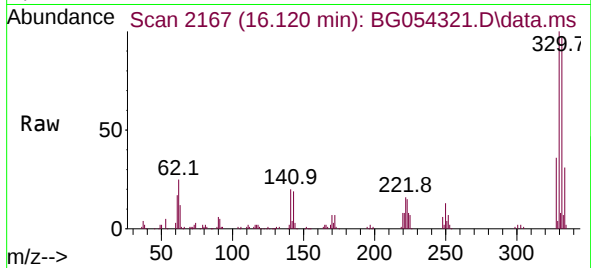




#67
4-Bromophenyl-phenylether
Concen: 4.161 ng
RT: 16.120 min Scan# 2167
Delta R.T. -0.441 min
Lab File: BG054321.D
Acq: 19 Jul 2022 17:08

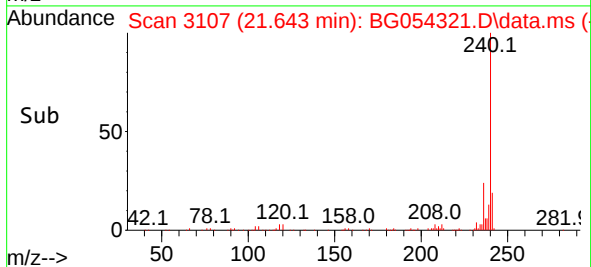
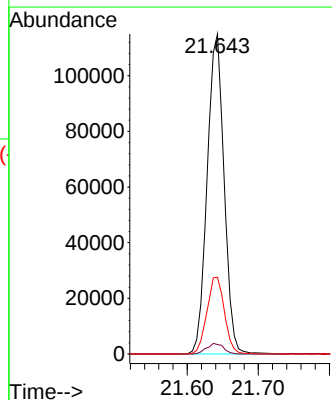
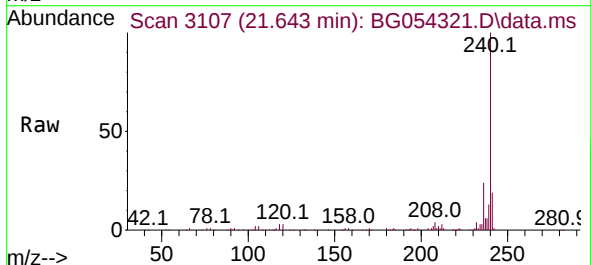
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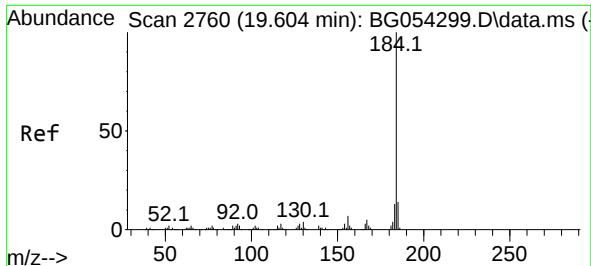
Tgt Ion:248 Resp: 8084
Ion Ratio Lower Upper
248 100
250 275.1 75.2 112.8#
141 334.3 50.0 75.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.643 min Scan# 3107
Delta R.T. -0.000 min
Lab File: BG054321.D
Acq: 19 Jul 2022 17:08

Tgt Ion:240 Resp: 190254
Ion Ratio Lower Upper
240 100
120 2.9 4.6 7.0#
236 24.0 20.2 30.4

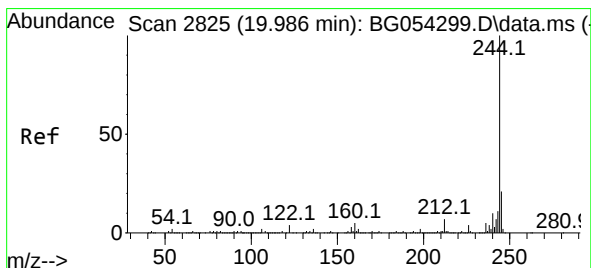
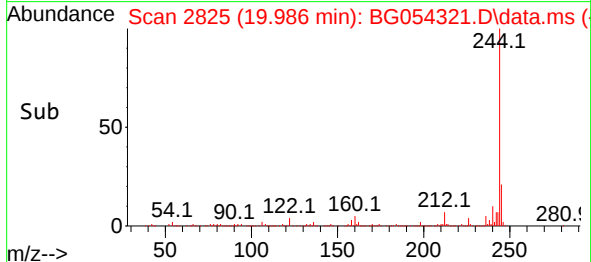
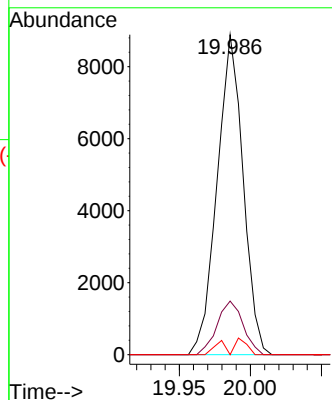
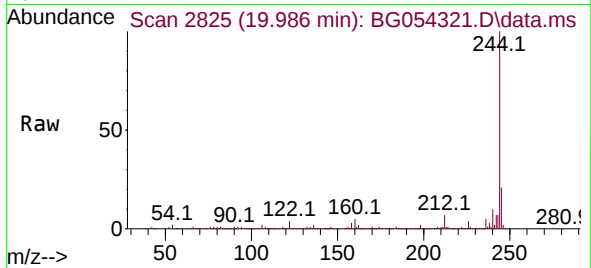




#77
Benzidine
Concen: 3.277 ng
RT: 19.986 min Scan# 21
Delta R.T. 0.382 min
Lab File: BG054321.D
Acq: 19 Jul 2022 17:08

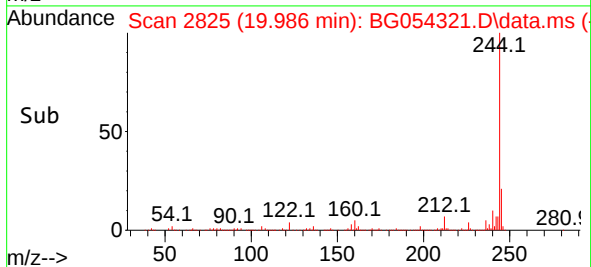
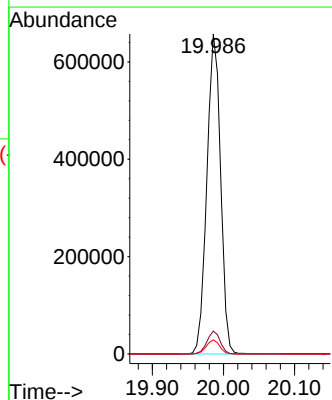
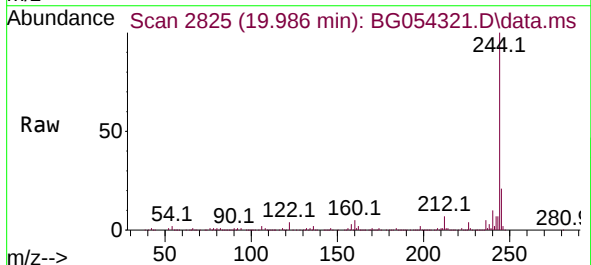
Instrument :
BNA_G
ClientSampleId :
PB145957BL

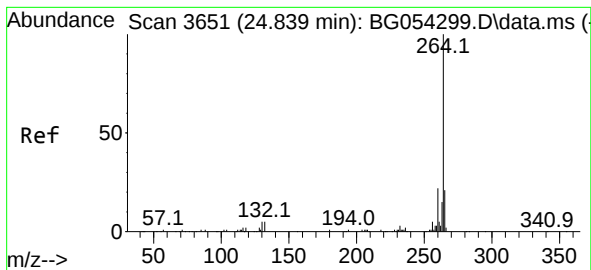
Tgt Ion:184 Resp: 11291
Ion Ratio Lower Upper
184 100
185 16.8 11.8 17.6
183 0.0 8.9 13.3#



#79
Terphenyl-d14
Concen: 92.130 ng
RT: 19.986 min Scan# 2825
Delta R.T. -0.000 min
Lab File: BG054321.D
Acq: 19 Jul 2022 17:08

Tgt Ion:244 Resp: 883562
Ion Ratio Lower Upper
244 100
212 7.2 6.5 9.7
122 4.4 5.0 7.4#





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.845 min Scan# 30

Delta R.T. 0.006 min

Lab File: BG054321.D

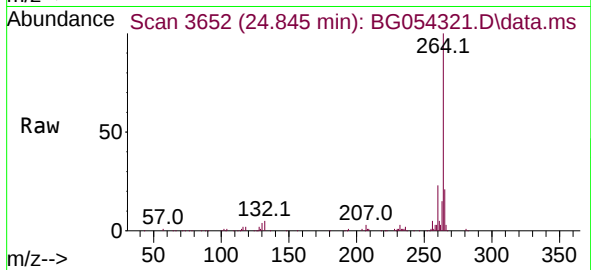
Acq: 19 Jul 2022 17:08

Instrument :

BNA_G

ClientSampleId :

PB145957BL



Tgt Ion:264 Resp: 198025

Ion Ratio Lower Upper

264 100

260 23.2 19.0 28.6

265 21.2 17.4 26.2

