

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081122\
 Data File : BG054612.D
 Acq On : 11 Aug 2022 20:00
 Operator : CG/JU
 Sample : N4017-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB10

Quant Time: Aug 12 06:06:40 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 08 14:48:51 2022
 Response via : Initial Calibration

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

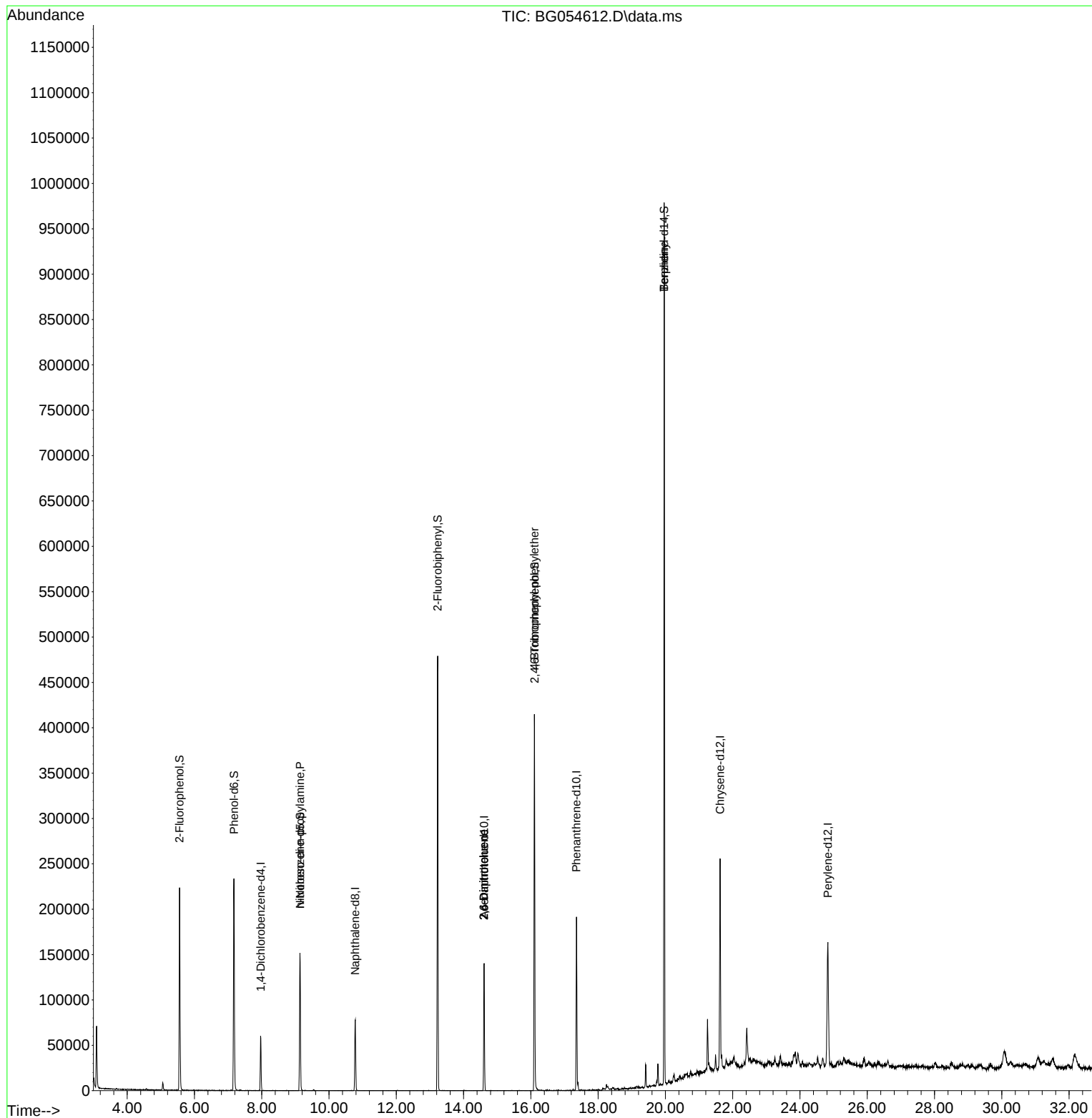
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.965	152	18854	20.000	ng	0.00
21) Naphthalene-d8	10.779	136	75116	20.000	ng	# 0.00
39) Acenaphthene-d10	14.610	164	56561	20.000	ng	0.00
64) Phenanthrene-d10	17.354	188	140870	20.000	ng	# 0.00
76) Chrysene-d12	21.625	240	157008	20.000	ng	# 0.00
86) Perylene-d12	24.827	264	164398	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.556	112	100402	111.185	ng	0.00
7) Phenol-d6	7.172	99	138203	111.692	ng	0.00
23) Nitrobenzene-d5	9.134	82	93782	67.989	ng	0.00
42) 2,4,6-Tribromophenol	16.108	330	113222	95.339	ng	0.00
45) 2-Fluorobiphenyl	13.229	172	276356	68.926	ng	0.00
79) Terphenyl-d14	19.963	244	554049	70.004	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.172	77	123	Below Cal	#	10
19) n-Nitroso-di-n-propyla...	9.134	70	13118	15.876	ng	# 82
51) 2,6-Dinitrotoluene	14.604	165	8213	8.475	ng	# 16
57) 2,4-Dinitrotoluene	14.604	165	8213	5.912	ng	# 21
67) 4-Bromophenyl-phenylether	16.102	248	6643	3.358	ng	# 1
77) Benzidine	19.963	184	7187	2.527	ng	# 93

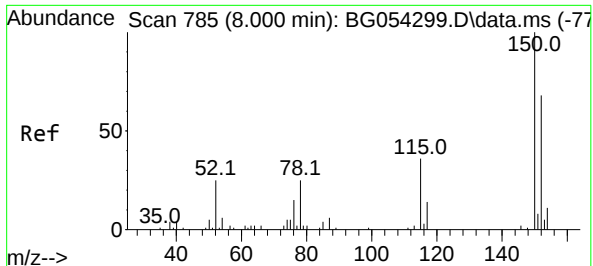
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081122\
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Misc :
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Response via : Initial Calibration

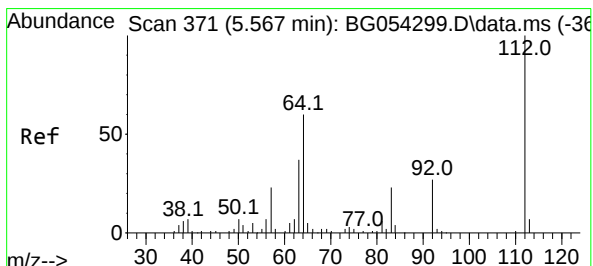
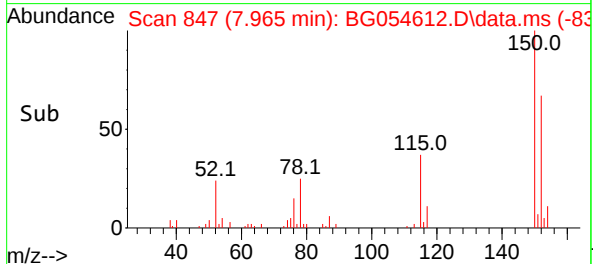
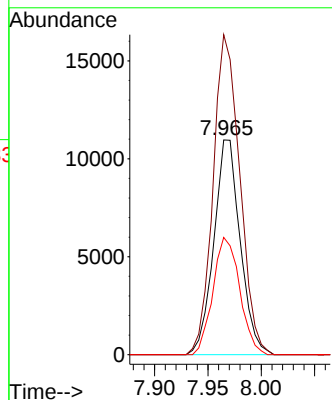
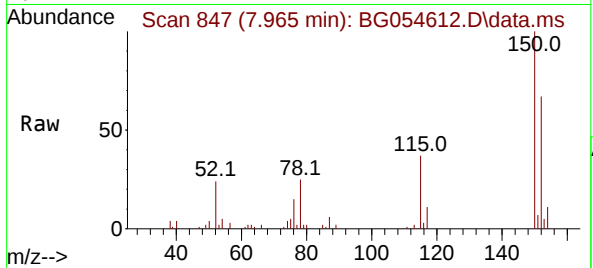




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.965 min Scan# 84
Delta R.T. -0.007 min
Lab File: BG054612.D
Acq: 11 Aug 2022 20:00

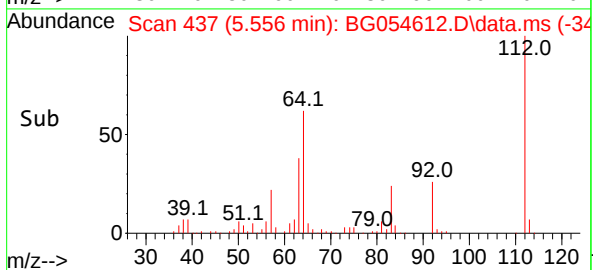
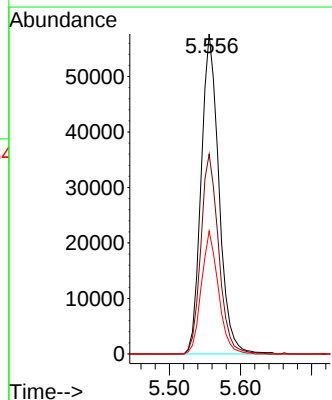
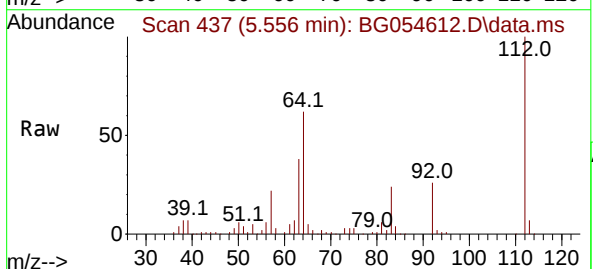
Instrument :
BNA_G
ClientSampleId :
SB10

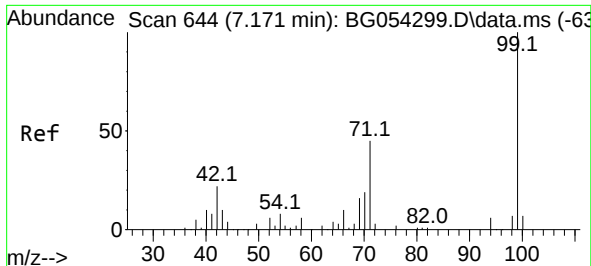
Tgt Ion:152 Resp: 18854
Ion Ratio Lower Upper
152 100
150 149.1 131.6 197.4
115 54.7 50.9 76.3



#5
2-Fluorophenol
Concen: 111.185 ng
RT: 5.556 min Scan# 437
Delta R.T. -0.008 min
Lab File: BG054612.D
Acq: 11 Aug 2022 20:00

Tgt Ion:112 Resp: 100402
Ion Ratio Lower Upper
112 100
64 62.4 55.1 82.7
63 38.4 30.4 45.6

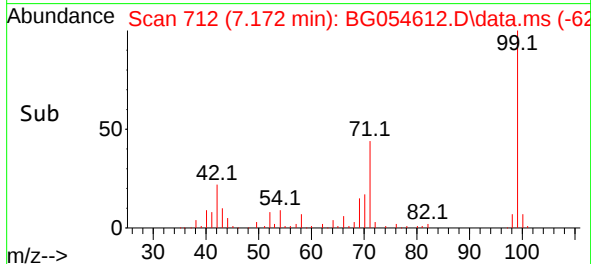
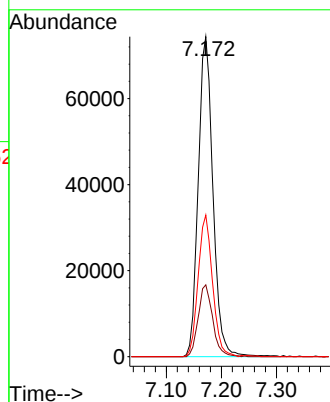
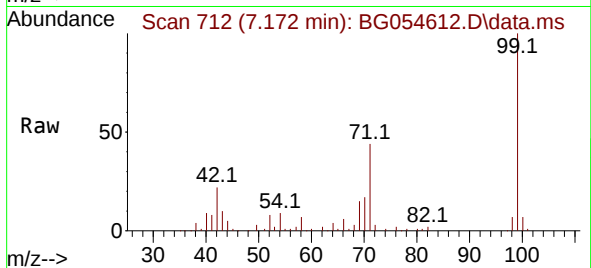




#7
Phenol-d6
Concen: 111.692 ng
RT: 7.172 min Scan# 71
Delta R.T. -0.008 min
Lab File: BG054612.D
Acq: 11 Aug 2022 20:00

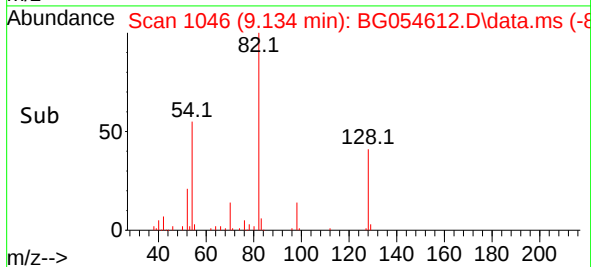
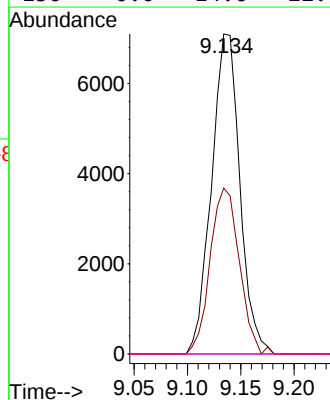
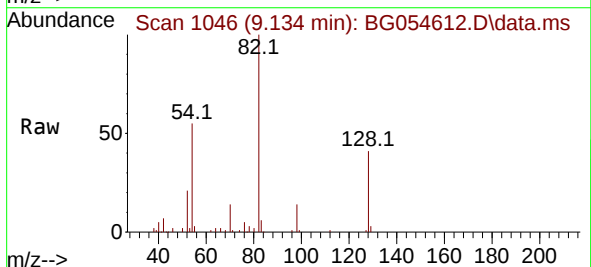
Instrument :
BNA_G
ClientSampleId :
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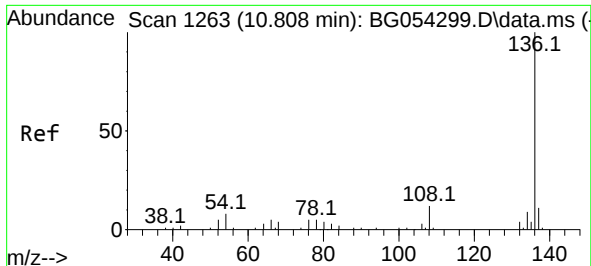
Tgt Ion: 99 Resp: 138203
Ion Ratio Lower Upper
99 100
42 22.5 17.0 25.6
71 44.3 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 15.876 ng
RT: 9.134 min Scan# 1046
Delta R.T. 0.351 min
Lab File: BG054612.D
Acq: 11 Aug 2022 20:00

Tgt Ion: 70 Resp: 13118
Ion Ratio Lower Upper
70 100
42 51.9 47.3 70.9
101 0.0 7.0 10.4#
130 0.0 14.6 22.0#

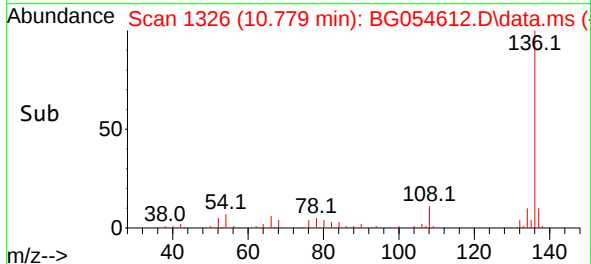
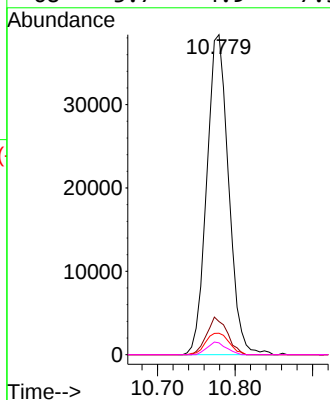
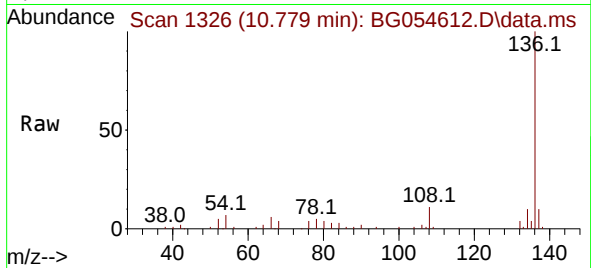




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.779 min Scan# 11
Delta R.T. -0.008 min
Lab File: BG054612.D
Acq: 11 Aug 2022 20:00

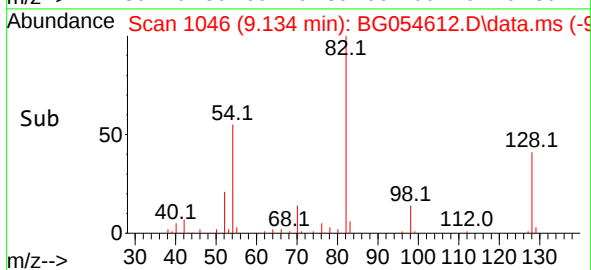
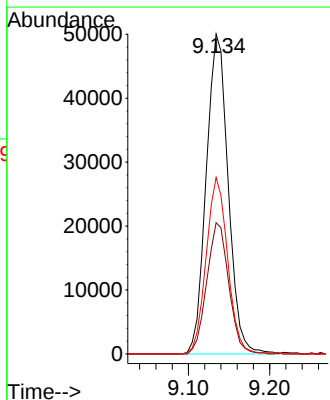
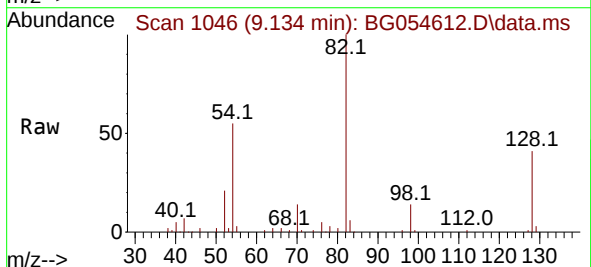
Instrument :
BNA_G
ClientSampleId :
SB10

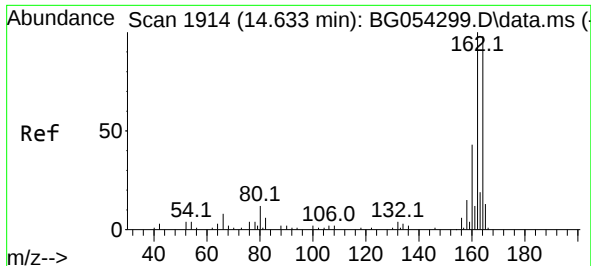
Tgt Ion:	136	Resp:	75116
Ion Ratio	Lower	Upper	
136	100		
137	10.4	8.5	12.7
54	6.7	7.4	11.2#
68	3.7	4.9	7.3#



#23
Nitrobenzene-d5
Concen: 67.989 ng
RT: 9.134 min Scan# 1046
Delta R.T. -0.008 min
Lab File: BG054612.D
Acq: 11 Aug 2022 20:00

Tgt Ion:	82	Resp:	93782
Ion Ratio	Lower	Upper	
82	100		
128	41.0	27.9	41.9
54	55.1	41.2	61.8

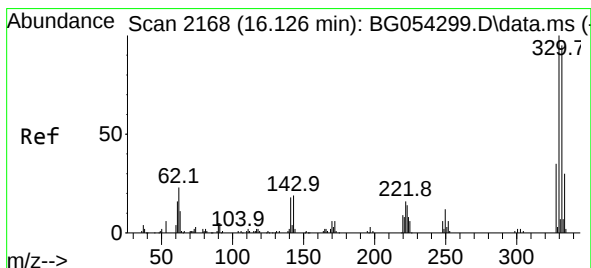
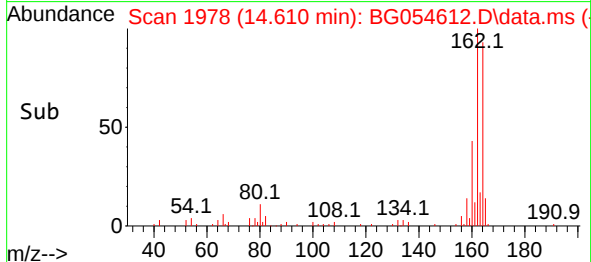
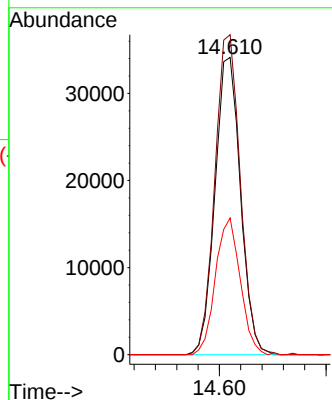
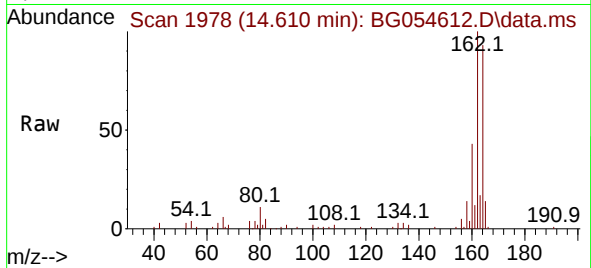




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.610 min Scan# 1914
Delta R.T. -0.008 min
Lab File: BG054612.D
Acq: 11 Aug 2022 20:00

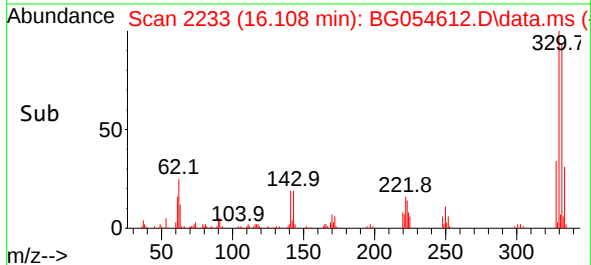
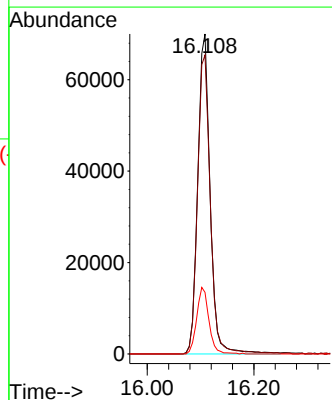
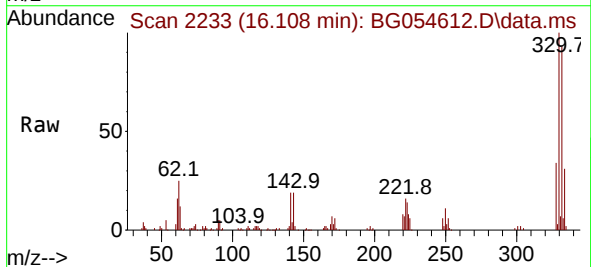
Instrument :
BNA_G
ClientSampleId :
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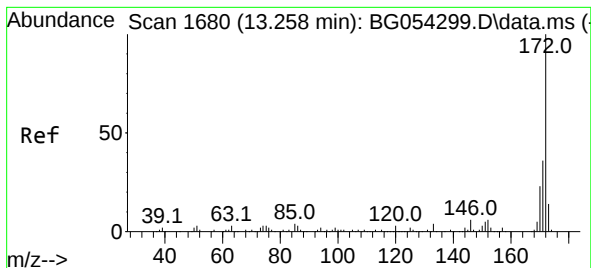
Tgt Ion:164 Resp: 56561
Ion Ratio Lower Upper
164 100
162 107.7 82.3 123.5
160 46.0 34.2 51.2



#42
2,4,6-Tribromophenol
Concen: 95.339 ng
RT: 16.108 min Scan# 2233
Delta R.T. -0.008 min
Lab File: BG054612.D
Acq: 11 Aug 2022 20:00

Tgt Ion:330 Resp: 113222
Ion Ratio Lower Upper
330 100
332 96.7 76.0 114.0
141 20.5 27.1 40.7#

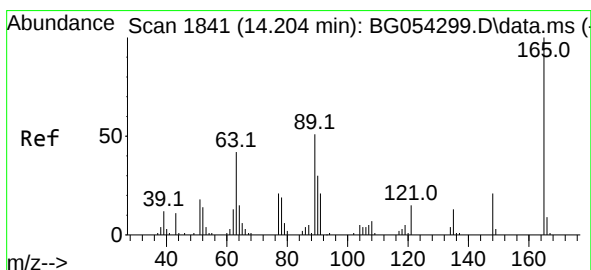
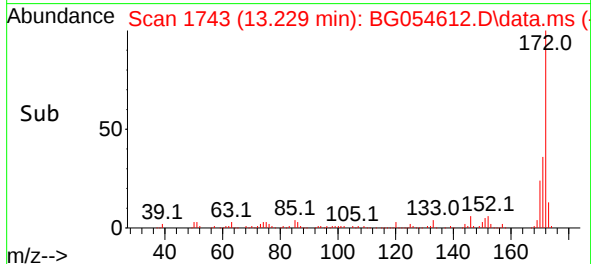
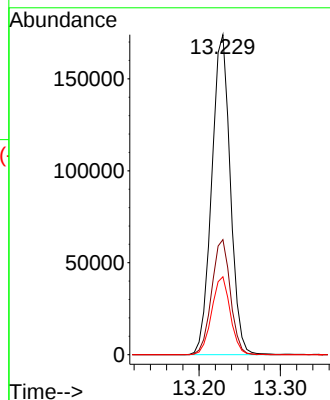
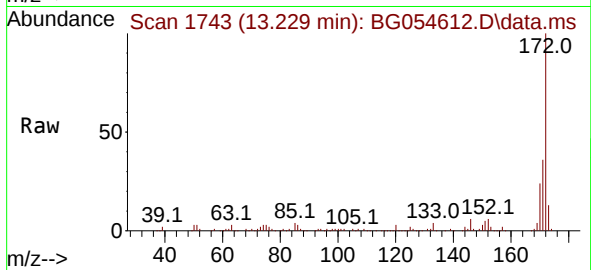




#45
2-Fluorobiphenyl
Concen: 68.926 ng
RT: 13.229 min Scan# 11
Delta R.T. -0.008 min
Lab File: BG054612.D
Acq: 11 Aug 2022 20:00

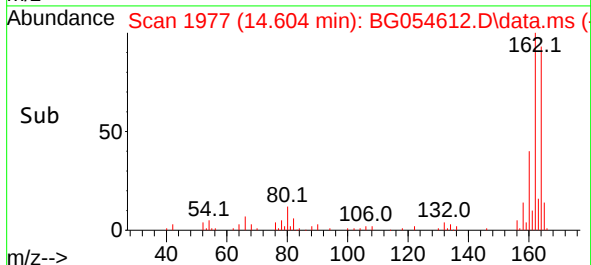
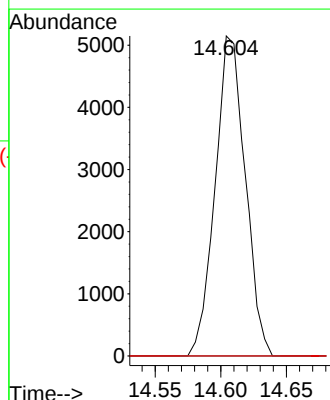
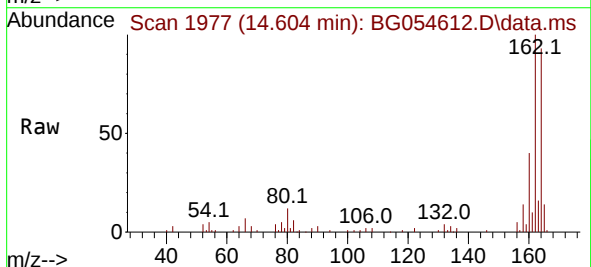
Instrument :
BNA_G
ClientSampleId :
SB10

Tgt Ion:172 Resp: 276356
Ion Ratio Lower Upper
172 100
171 35.9 28.5 42.7
170 24.4 18.9 28.3



#51
2,6-Dinitrotoluene
Concen: 8.475 ng
RT: 14.604 min Scan# 1977
Delta R.T. 0.410 min
Lab File: BG054612.D
Acq: 11 Aug 2022 20:00

Tgt Ion:165 Resp: 8213
Ion Ratio Lower Upper
165 100
63 0.0 54.1 81.1#
89 0.0 54.8 82.2#

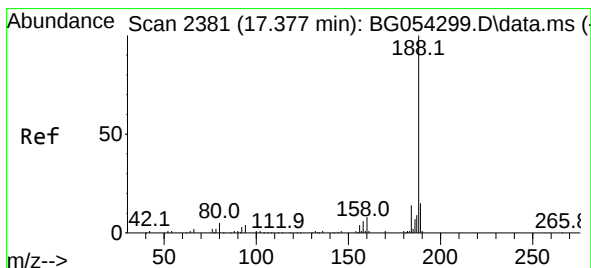
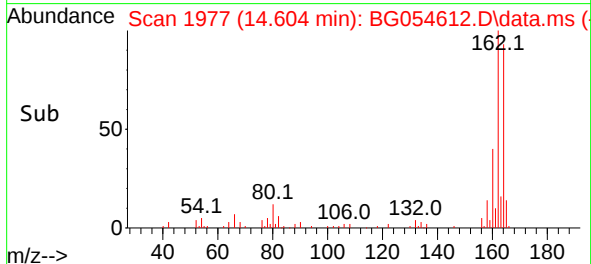
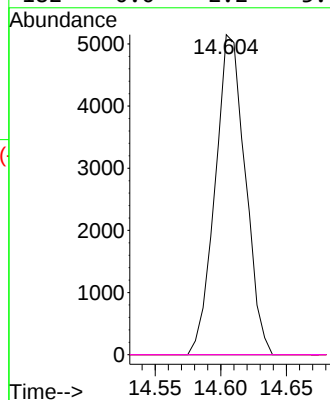
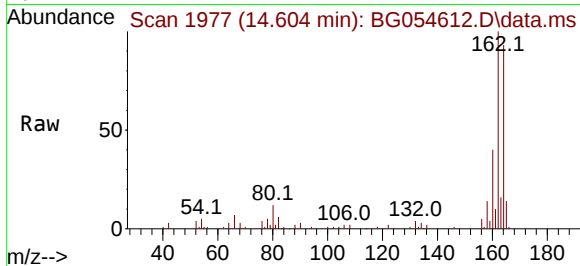




#57
2,4-Dinitrotoluene
Concen: 5.912 ng
RT: 14.604 min Scan# 14
Delta R.T. -0.389 min
Lab File: BG054612.D
Acq: 11 Aug 2022 20:00

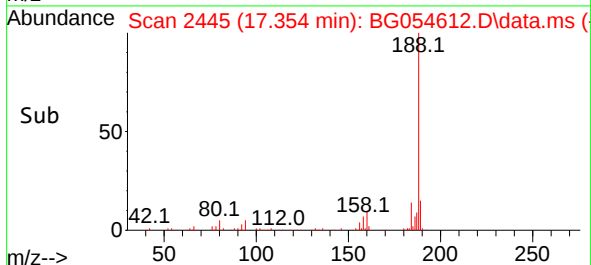
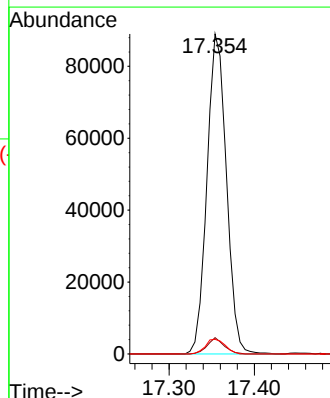
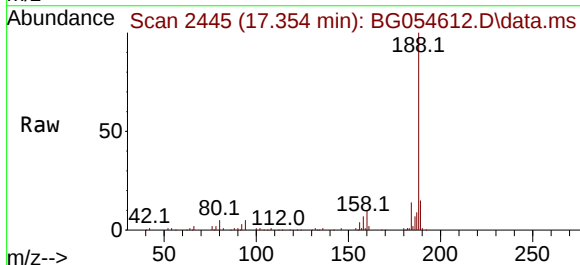
Instrument :
BNA_G
ClientSampleId :
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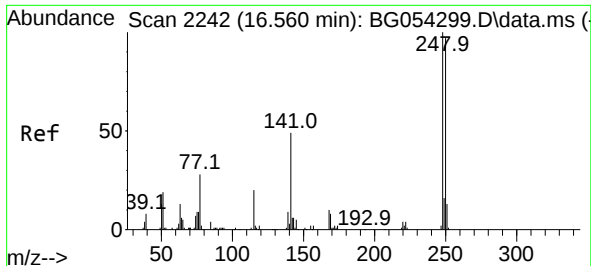
Tgt Ion:165	Resp:	8213
Ion Ratio	Lower	Upper
165	100	
63	0.0	34.6
89	0.0	60.3
182	0.0	2.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.354 min Scan# 2445
Delta R.T. -0.008 min
Lab File: BG054612.D
Acq: 11 Aug 2022 20:00

Tgt Ion:188	Resp:	140870
Ion Ratio	Lower	Upper
188	100	
94	5.1	5.4
80	4.6	6.8

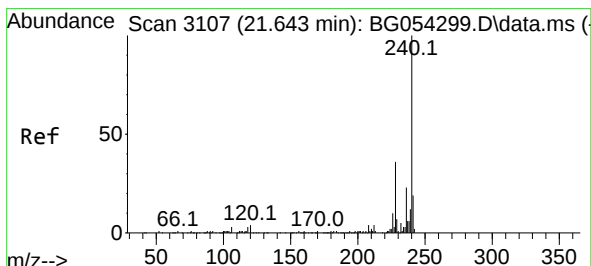
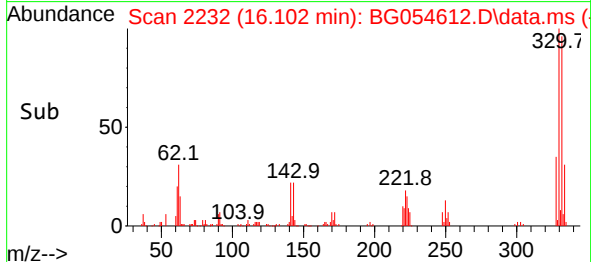
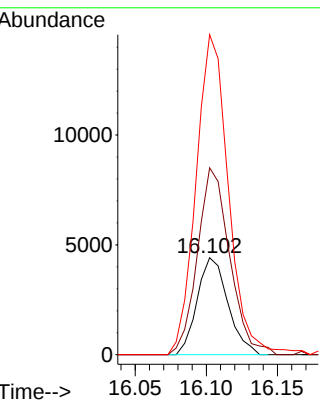
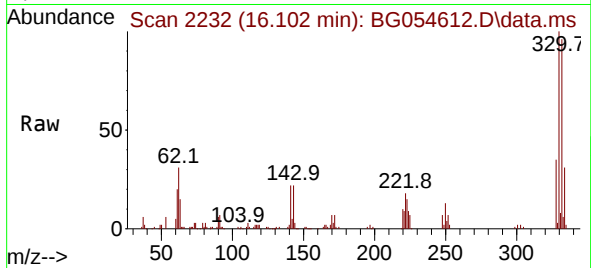




#67
4-Bromophenyl-phenylether
Concen: 3.358 ng
RT: 16.102 min Scan# 21
Delta R.T. -0.442 min
Lab File: BG054612.D
Acq: 11 Aug 2022 20:00

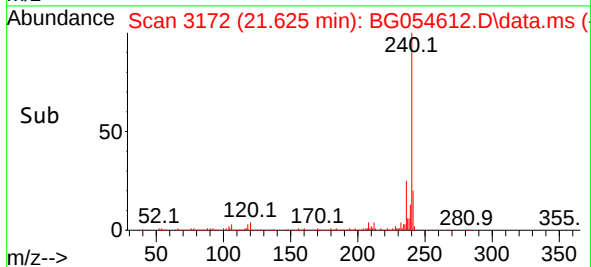
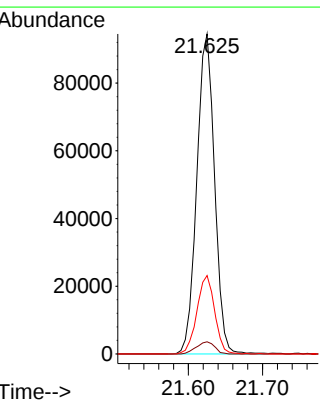
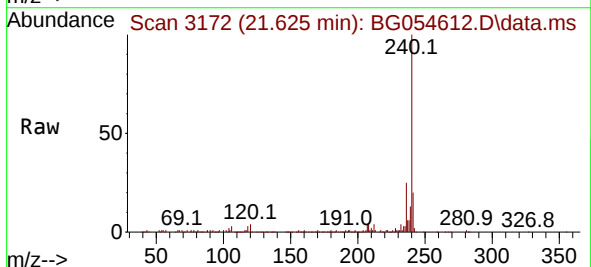
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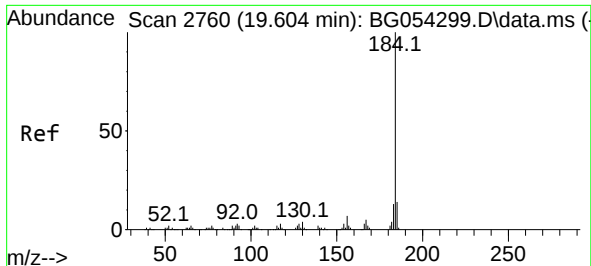
Tgt Ion:248 Resp: 6643
Ion Ratio Lower Upper
248 100
250 192.9 75.2 112.8#
141 330.3 50.0 75.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.625 min Scan# 3172
Delta R.T. -0.008 min
Lab File: BG054612.D
Acq: 11 Aug 2022 20:00

Tgt Ion:240 Resp: 157008
Ion Ratio Lower Upper
240 100
120 3.8 4.6 7.0#
236 24.5 20.2 30.4

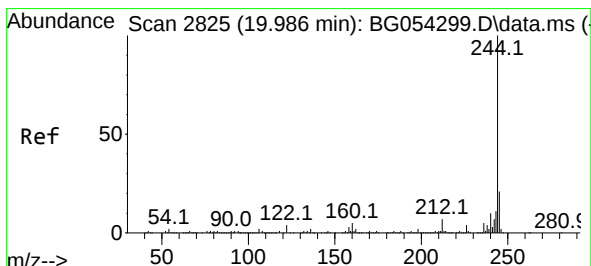
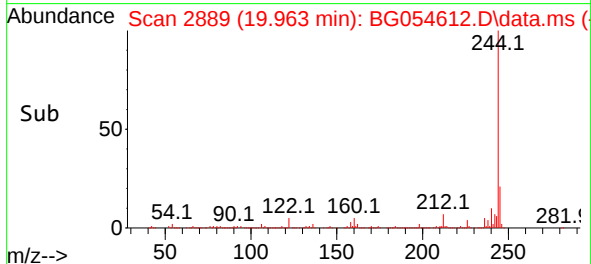
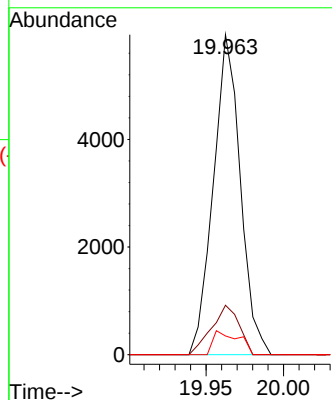
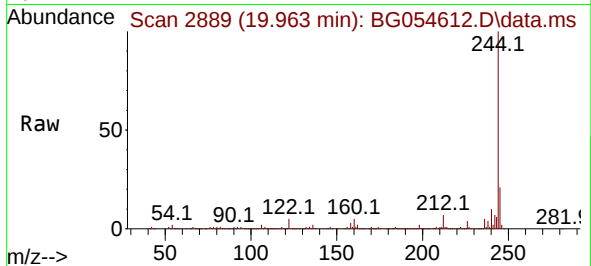




#77
Benzidine
Concen: 2.527 ng
RT: 19.963 min Scan# 21
Delta R.T. 0.369 min
Lab File: BG054612.D
Acq: 11 Aug 2022 20:00

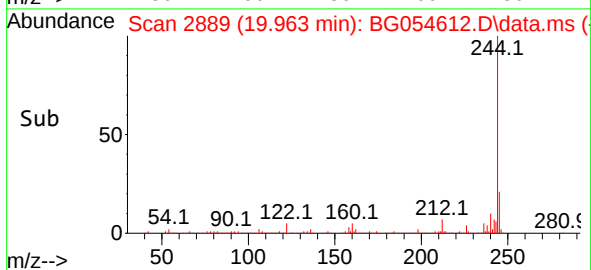
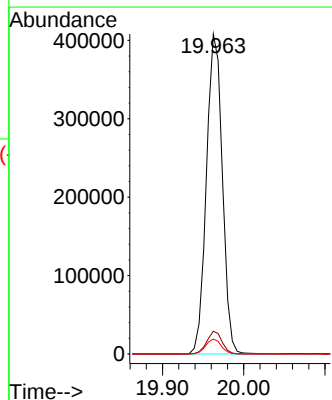
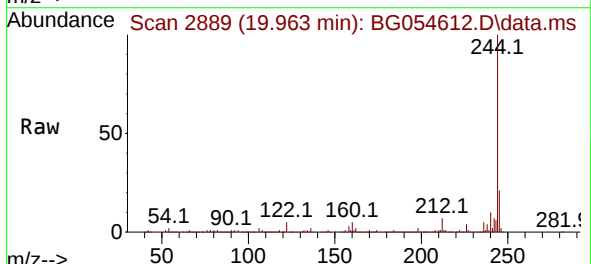
Instrument :
BNA_G
ClientSampleId :
SB10

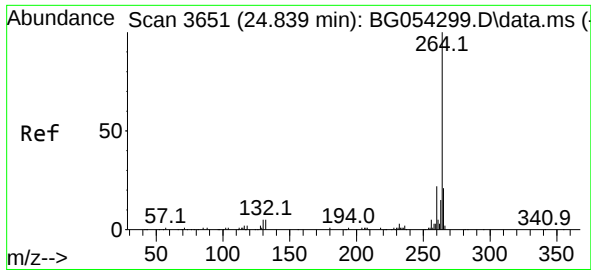
Tgt Ion:184 Resp: 7187
Ion Ratio Lower Upper
184 100
185 15.5 11.8 17.6
183 5.9 8.9 13.3#



#79
Terphenyl-d14
Concen: 70.004 ng
RT: 19.963 min Scan# 2889
Delta R.T. -0.008 min
Lab File: BG054612.D
Acq: 11 Aug 2022 20:00

Tgt Ion:244 Resp: 554049
Ion Ratio Lower Upper
244 100
212 7.1 6.5 9.7
122 4.7 5.0 7.4#





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.827 min Scan# 31

Delta R.T. -0.008 min

Lab File: BG054612.D

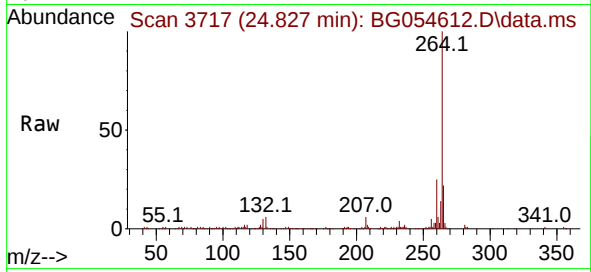
Acq: 11 Aug 2022 20:00

Instrument :

BNA_G

ClientSampleId :

SB10



Tgt Ion:264 Resp: 164398

Ion Ratio Lower Upper

264 100

260 24.7 19.0 28.6

265 21.8 17.4 26.2

