

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020923\
 Data File : BG056596.D
 Acq On : 9 Feb 2023 13:05
 Operator : CG/JU
 Sample : PB150715TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB150715TB

Quant Time: Feb 10 00:14:44 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 08 03:02:11 2023
 Response via : Initial Calibration

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

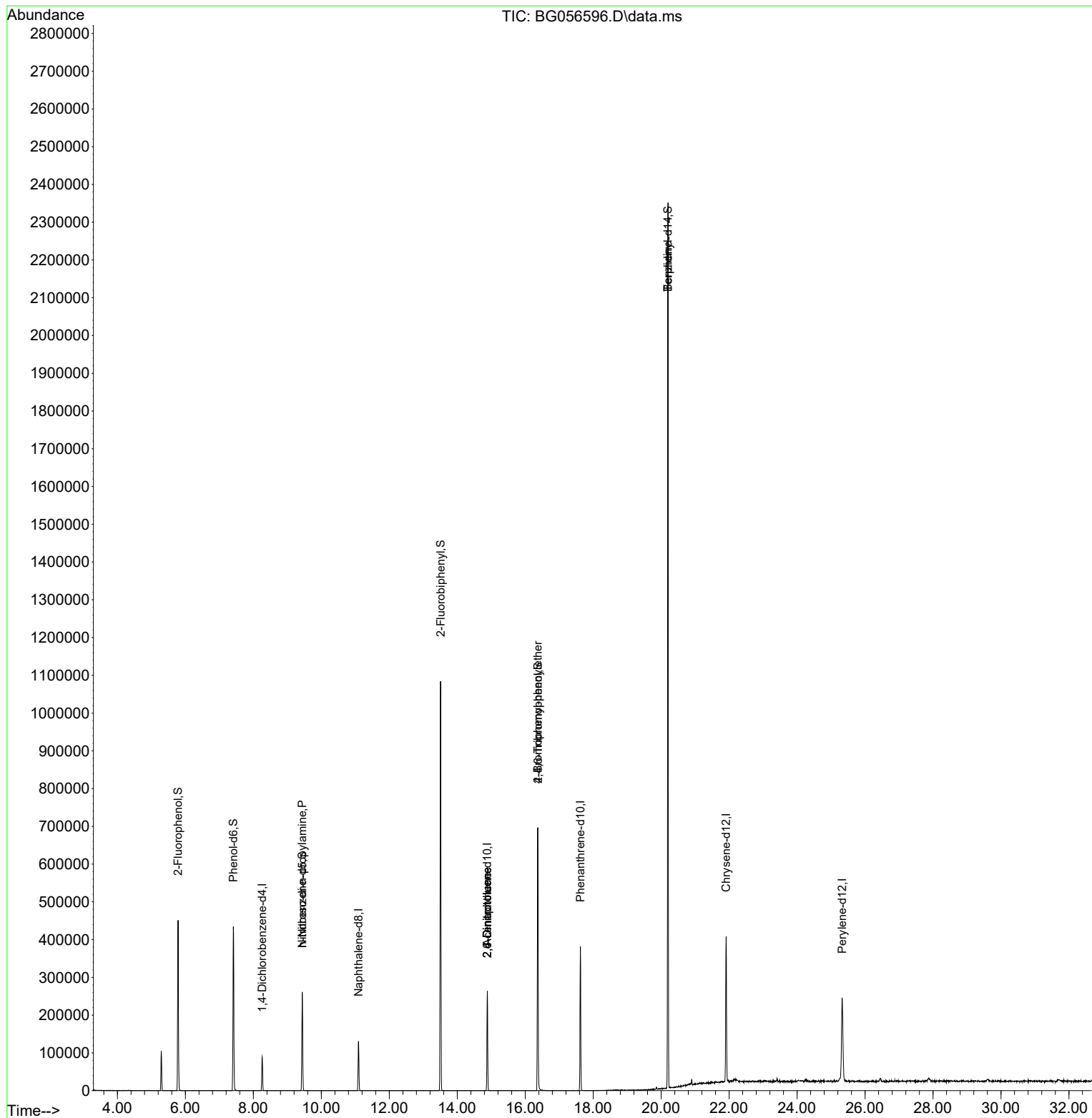
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.258	152	31553	20.000	ng	-0.01
21) Naphthalene-d8	11.096	136	124072	20.000	ng	# 0.00
39) Acenaphthene-d10	14.886	164	101087	20.000	ng	0.00
64) Phenanthrene-d10	17.624	188	271524	20.000	ng	0.00
76) Chrysene-d12	21.913	240	255944	20.000	ng	-0.01
86) Perylene-d12	25.326	264	274388	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.784	112	256876	149.762	ng	0.00
7) Phenol-d6	7.412	99	345560	135.972	ng	0.00
23) Nitrobenzene-d5	9.439	82	184020	84.222	ng	0.00
42) 2,4,6-Tribromophenol	16.372	330	165375	123.057	ng	0.00
45) 2-Fluorobiphenyl	13.511	172	625506	85.789	ng	0.00
79) Terphenyl-d14	20.203	244	1292047	88.664	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	7.418	77	324	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	9.439	70	22595	15.428	ng	# 75
51) 2,6-Dinitrotoluene	14.880	165	13421	7.525	ng	# 36
57) 2,4-Dinitrotoluene	14.880	165	13421	5.342	ng	# 35
67) 4-Bromophenyl-phenylether	16.366	248	12973	3.732	ng	# 1
77) Benzidine	20.203	184	17562	2.536	ng	# 91

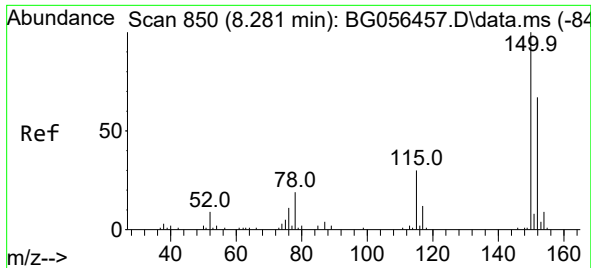
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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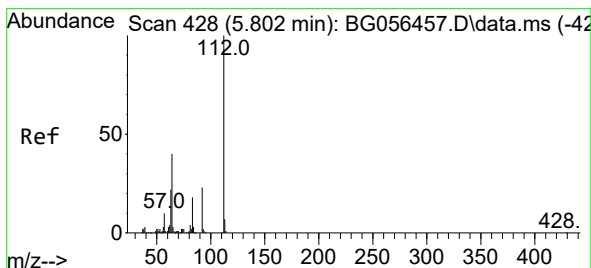
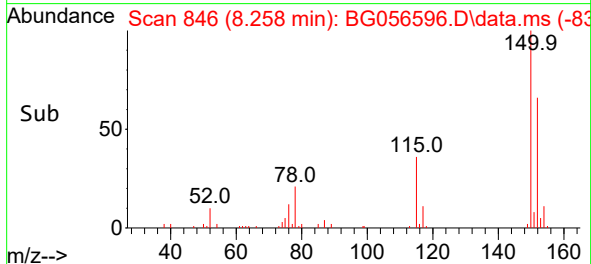
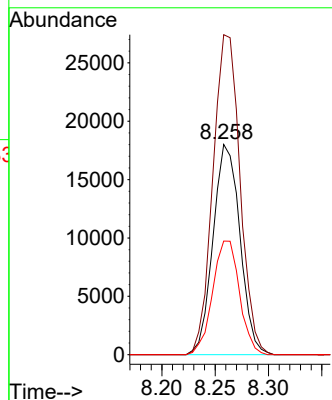
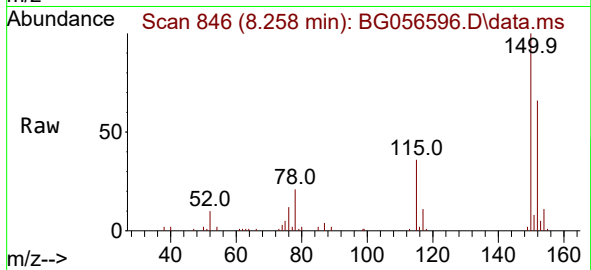




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.258 min Scan# 84
Delta R.T. -0.011 min
Lab File: BG056596.D
Acq: 9 Feb 2023 13:05

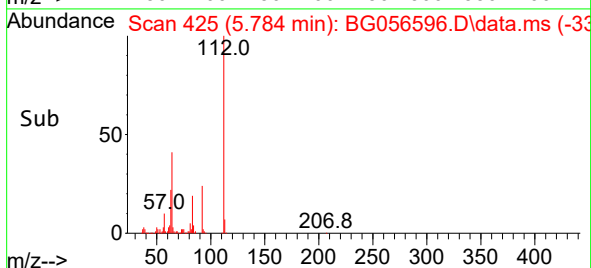
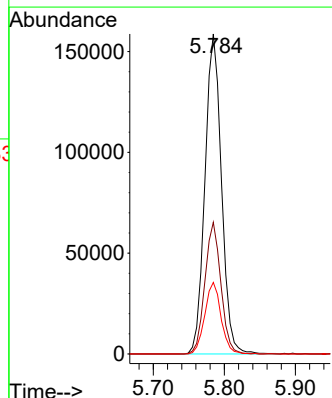
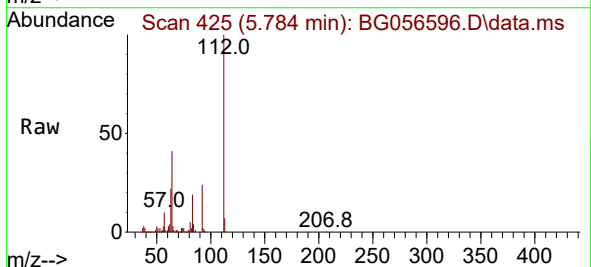
Instrument :
BNA_G
ClientSampleId :
PB150715TB

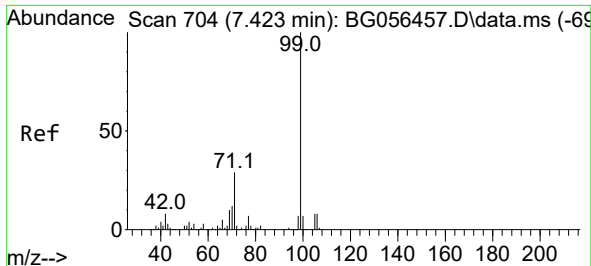
Tgt Ion:152 Resp: 31553
Ion Ratio Lower Upper
152 100
150 152.2 120.2 180.4
115 54.0 36.3 54.5



#5
2-Fluorophenol
Concen: 149.762 ng
RT: 5.784 min Scan# 425
Delta R.T. -0.006 min
Lab File: BG056596.D
Acq: 9 Feb 2023 13:05

Tgt Ion:112 Resp: 256876
Ion Ratio Lower Upper
112 100
64 41.1 31.9 47.9
63 22.3 17.4 26.0

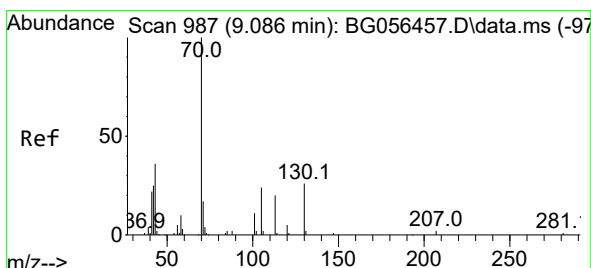
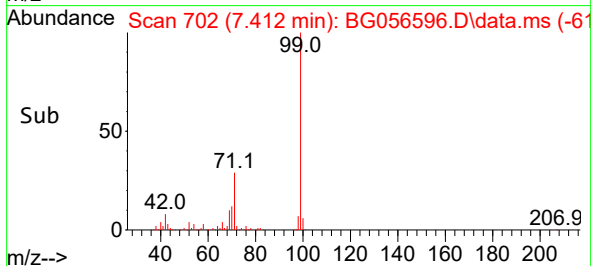
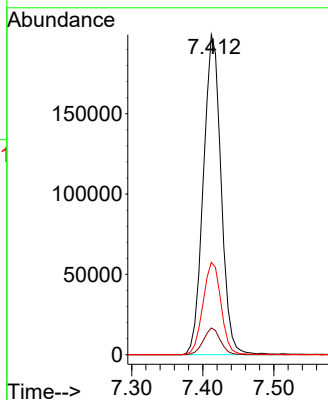
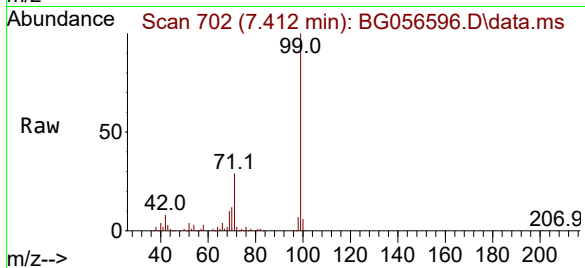




#7
Phenol-d6
Concen: 135.972 ng
RT: 7.412 min Scan# 704
Delta R.T. -0.006 min
Lab File: BG056596.D
Acq: 9 Feb 2023 13:05

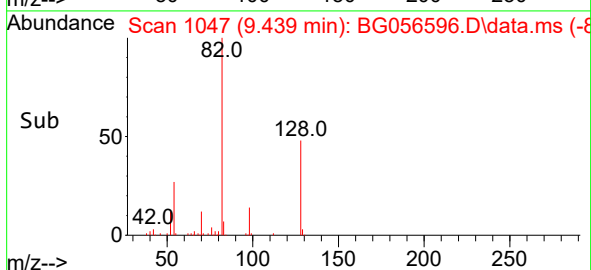
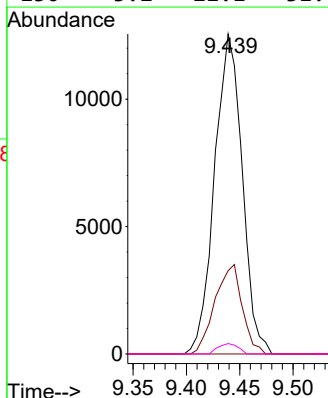
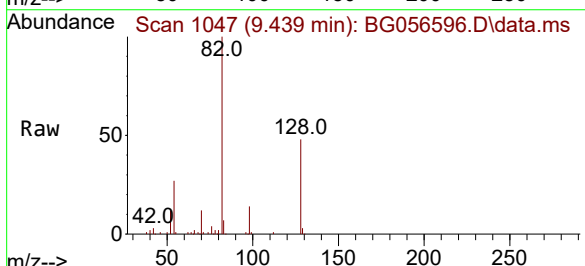
Instrument :
BNA_G
ClientSampleId :
PB150715TB

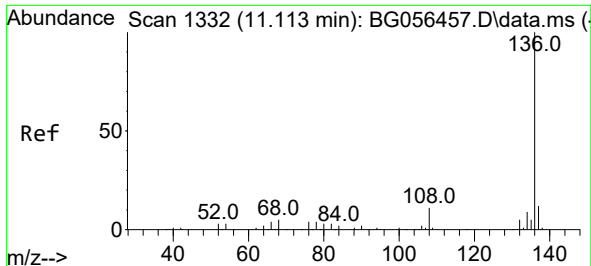
Tgt Ion: 99 Resp: 345560
Ion Ratio Lower Upper
99 100
42 8.3 6.6 10.0
71 28.9 23.4 35.0



#19
n-Nitroso-di-n-propylamine
Concen: 15.428 ng
RT: 9.439 min Scan# 1047
Delta R.T. 0.365 min
Lab File: BG056596.D
Acq: 9 Feb 2023 13:05

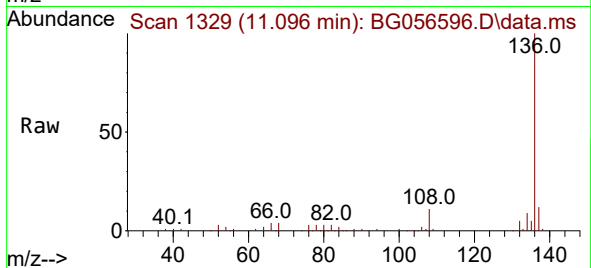
Tgt Ion: 70 Resp: 22595
Ion Ratio Lower Upper
70 100
42 26.0 20.2 30.4
101 0.0 9.1 13.7#
130 3.2 21.1 31.7#





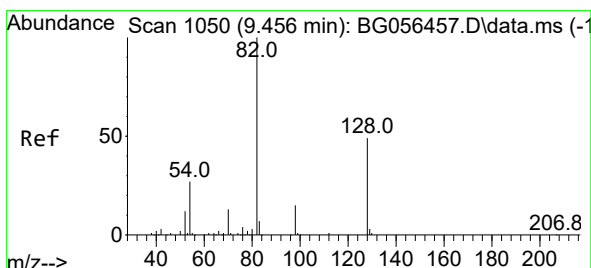
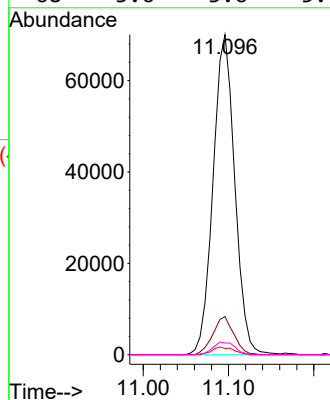
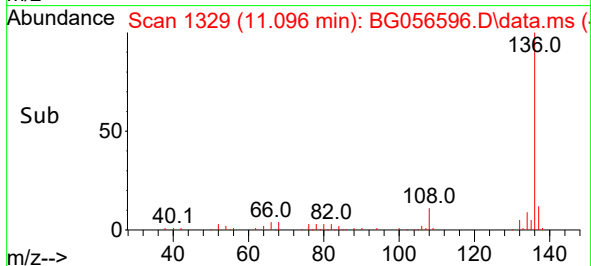
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.096 min Scan# 111
Delta R.T. -0.006 min
Lab File: BG056596.D
Acq: 9 Feb 2023 13:05

Instrument :
BNA_G
ClientSampleId :
PB150715TB

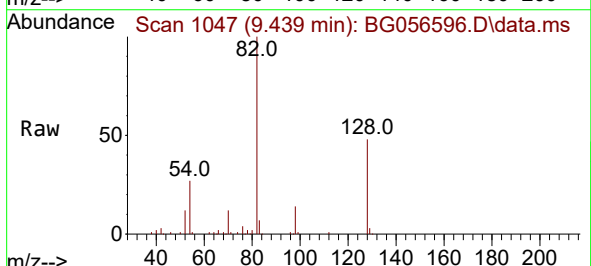


Tgt Ion:136 Resp: 124072

Ion	Ratio	Lower	Upper
136	100		
137	11.9	9.4	14.0
54	2.0	2.2	3.4#
68	3.6	3.6	5.4

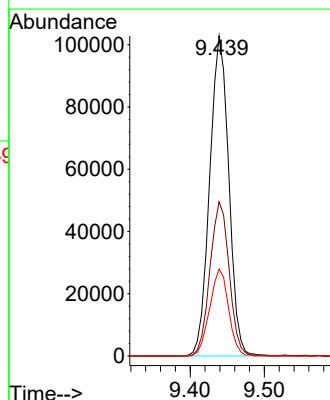
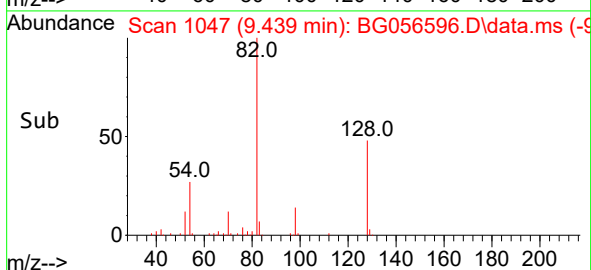


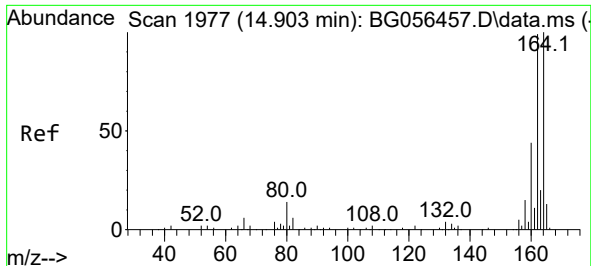
#23
Nitrobenzene-d5
Concen: 84.222 ng
RT: 9.439 min Scan# 1047
Delta R.T. -0.006 min
Lab File: BG056596.D
Acq: 9 Feb 2023 13:05



Tgt Ion: 82 Resp: 184020

Ion	Ratio	Lower	Upper
82	100		
128	48.2	39.4	59.2
54	27.2	21.4	32.2

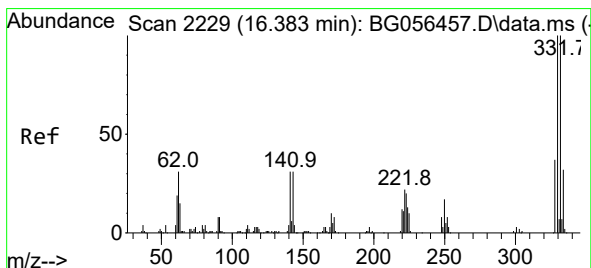
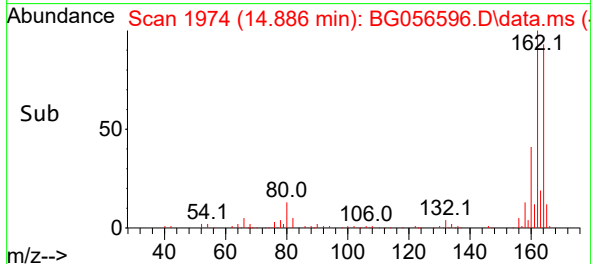
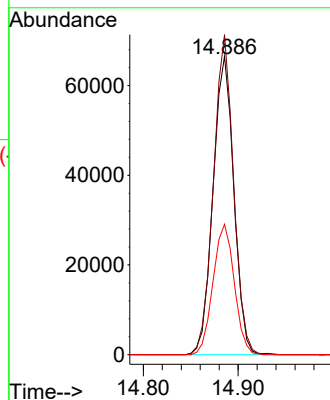
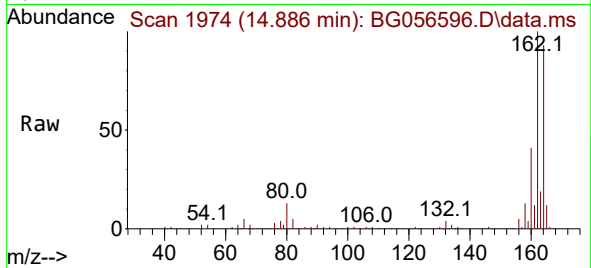




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.886 min Scan# 1977
Delta R.T. -0.006 min
Lab File: BG056596.D
Acq: 9 Feb 2023 13:05

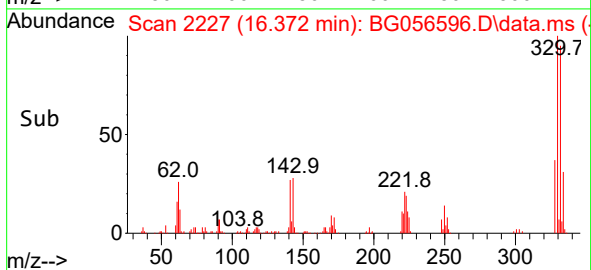
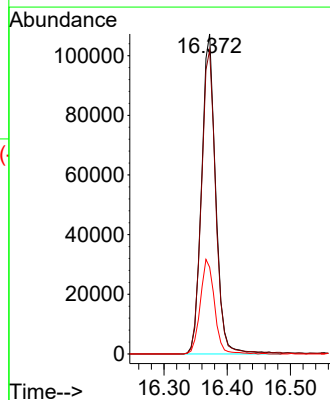
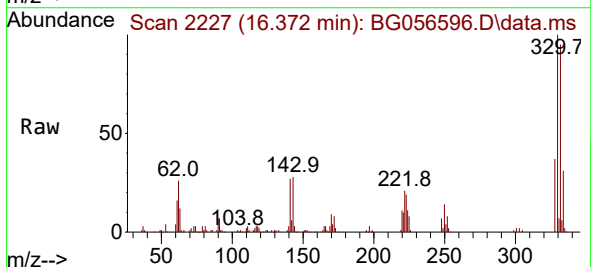
Instrument :
BNA_G
ClientSampleId :
PB150715TB

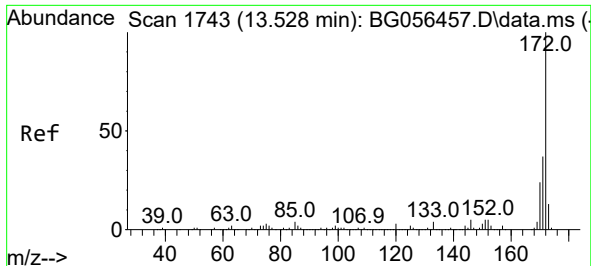
Tgt Ion:164 Resp: 101087
Ion Ratio Lower Upper
164 100
162 107.2 79.6 119.4
160 43.7 34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 123.057 ng
RT: 16.372 min Scan# 2227
Delta R.T. -0.006 min
Lab File: BG056596.D
Acq: 9 Feb 2023 13:05

Tgt Ion:330 Resp: 165375
Ion Ratio Lower Upper
330 100
332 97.4 79.0 118.6
141 29.8 24.2 36.4

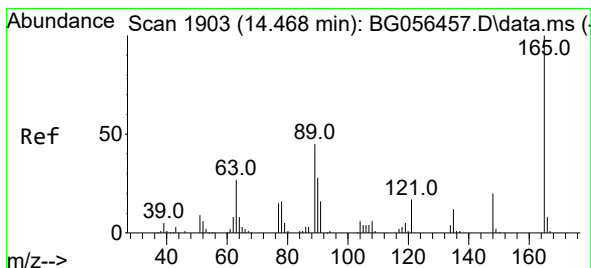
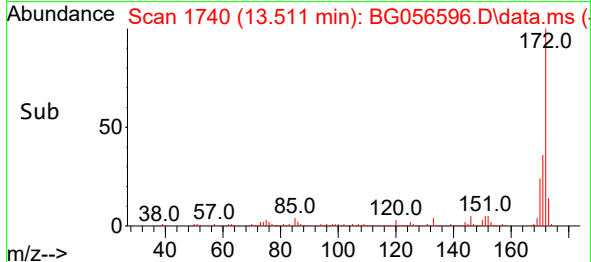
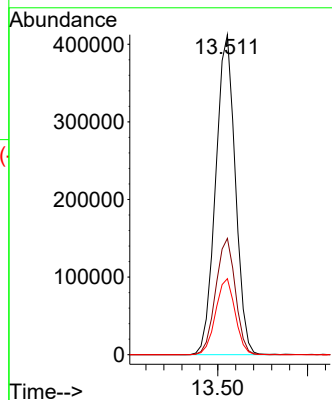
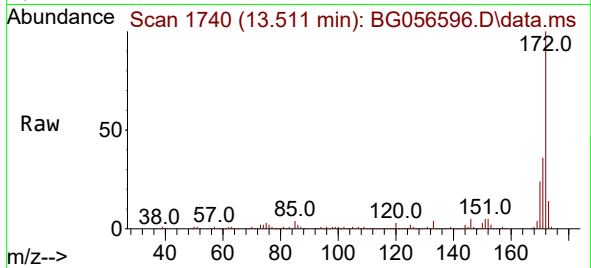




#45
2-Fluorobiphenyl
Concen: 85.789 ng
RT: 13.511 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG056596.D
Acq: 9 Feb 2023 13:05

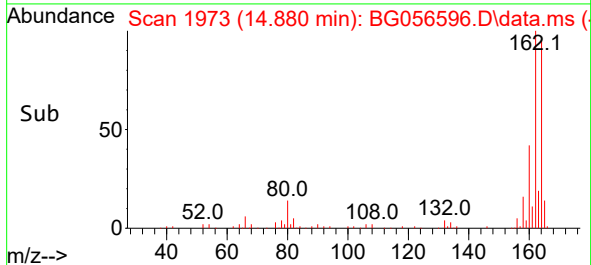
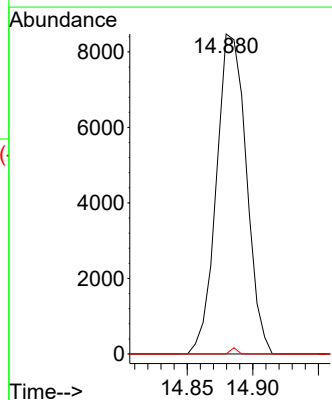
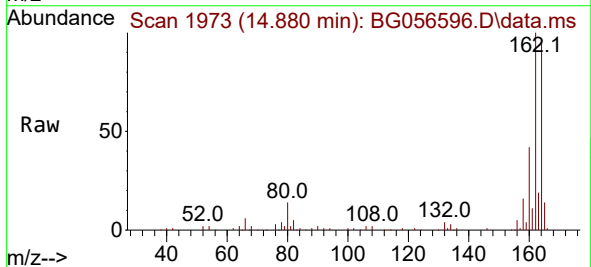
Instrument :
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ClientSampleId :
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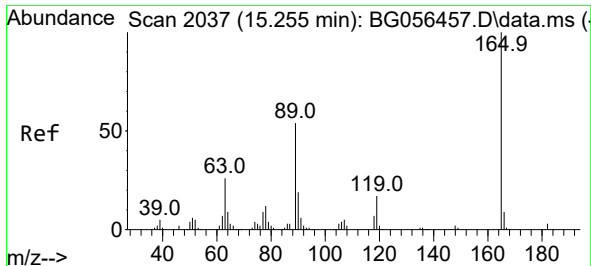
Tgt Ion:172 Resp: 625506
Ion Ratio Lower Upper
172 100
171 36.4 29.5 44.3
170 23.8 19.2 28.8



#51
2,6-Dinitrotoluene
Concen: 7.525 ng
RT: 14.880 min Scan# 1973
Delta R.T. 0.417 min
Lab File: BG056596.D
Acq: 9 Feb 2023 13:05

Tgt Ion:165 Resp: 13421
Ion Ratio Lower Upper
165 100
63 0.0 26.9 40.3#
89 0.0 35.6 53.4#





#57

2,4-Dinitrotoluene

Concen: 5.342 ng

RT: 14.880 min Scan# 1973

Delta R.T. -0.370 min

Lab File: BG056596.D

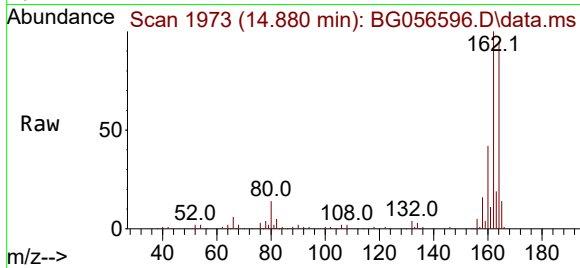
Acq: 9 Feb 2023 13:05

Instrument :

BNA_G

ClientSampleId :

PB150715TB



Tgt Ion:165 Resp: 13421

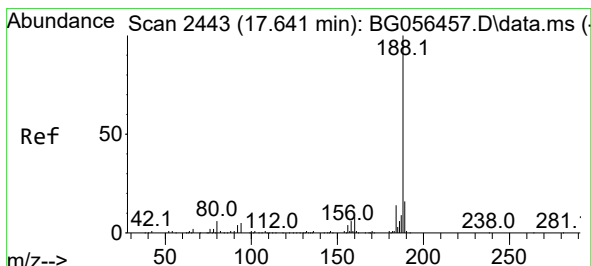
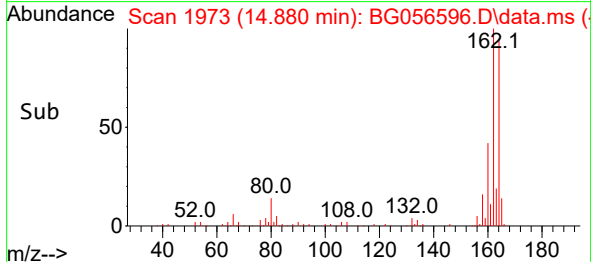
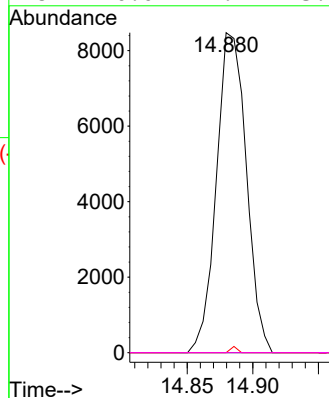
Ion Ratio Lower Upper

165 100

63 0.0 20.6 31.0#

89 0.0 43.1 64.7#

182 0.0 2.4 3.6#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.624 min Scan# 2440

Delta R.T. -0.006 min

Lab File: BG056596.D

Acq: 9 Feb 2023 13:05

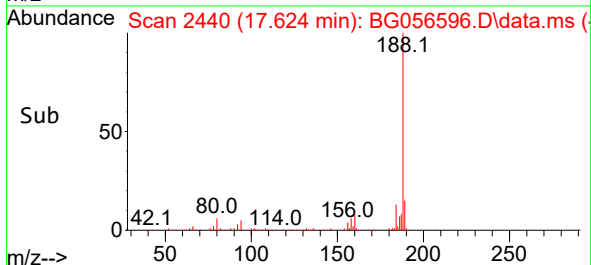
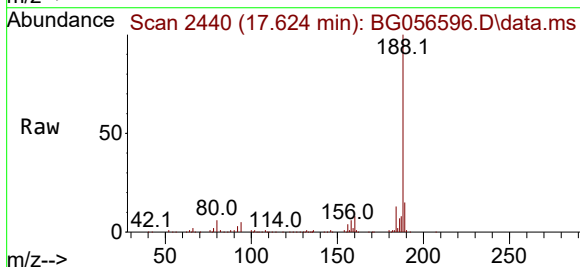
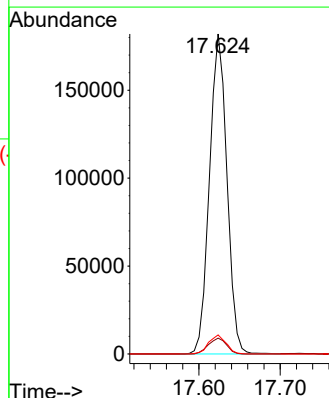
Tgt Ion:188 Resp: 271524

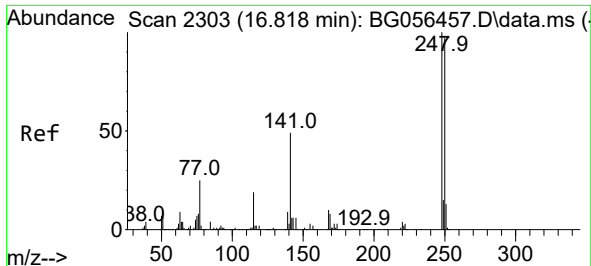
Ion Ratio Lower Upper

188 100

94 4.9 4.1 6.1

80 5.9 5.0 7.4

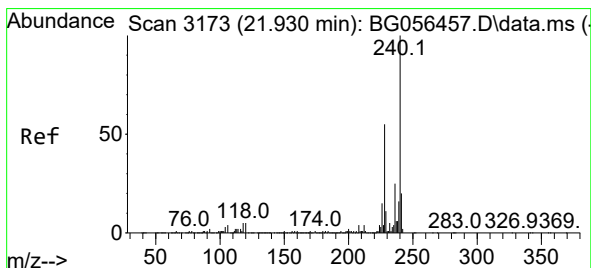
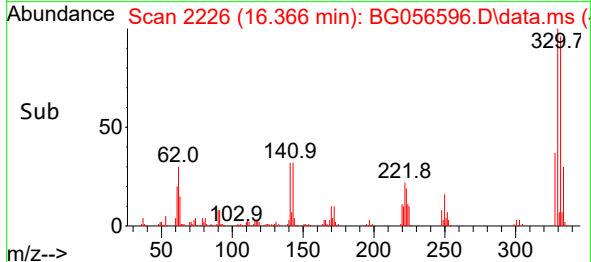
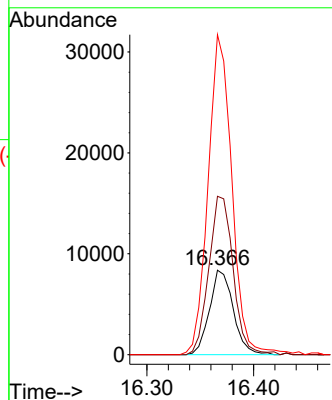
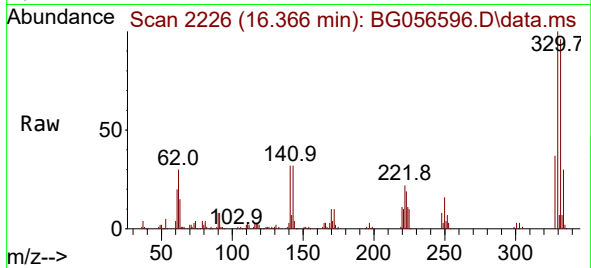




#67
4-Bromophenyl-phenylether
Concen: 3.732 ng
RT: 16.366 min Scan# 21
Delta R.T. -0.440 min
Lab File: BG056596.D
Acq: 9 Feb 2023 13:05

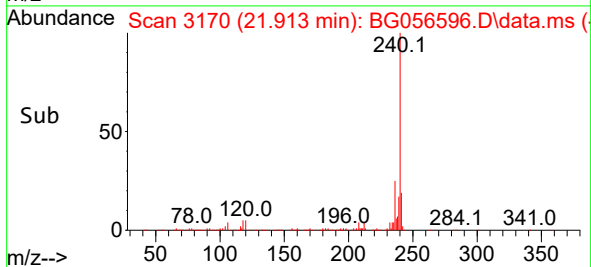
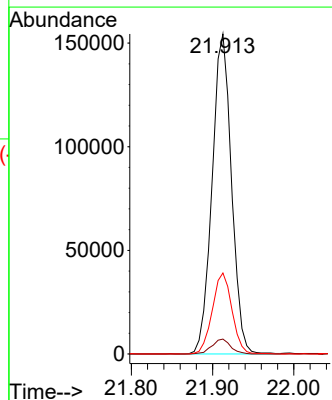
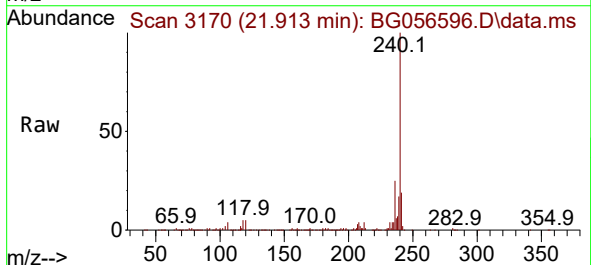
Instrument :
BNA_G
ClientSampleId :
PB150715TB

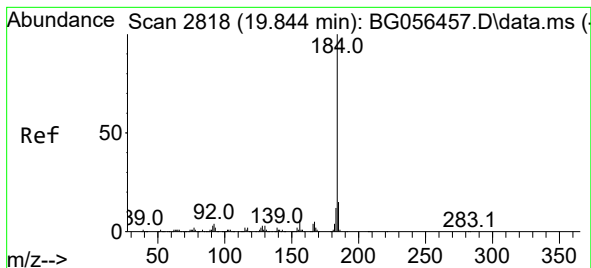
Tgt Ion:248 Resp: 12973
Ion Ratio Lower Upper
248 100
250 187.5 77.6 116.4#
141 378.9 39.0 58.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.913 min Scan# 3170
Delta R.T. -0.011 min
Lab File: BG056596.D
Acq: 9 Feb 2023 13:05

Tgt Ion:240 Resp: 255944
Ion Ratio Lower Upper
240 100
120 4.7 3.8 5.8
236 25.3 20.2 30.2





#77

Benzidine

Concen: 2.536 ng

RT: 20.203 min Scan# 2879

Delta R.T. 0.370 min

Lab File: BG056596.D

Acq: 9 Feb 2023 13:05

Instrument :

BNA_G

ClientSampleId :

PB150715TB

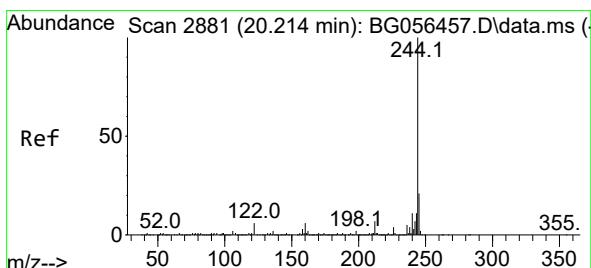
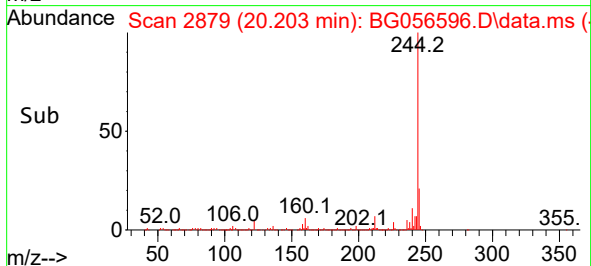
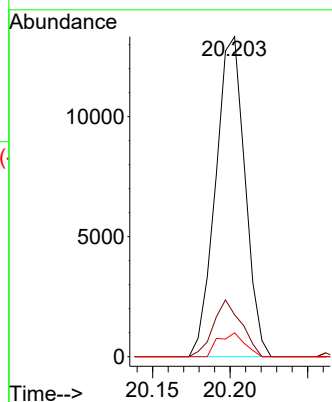
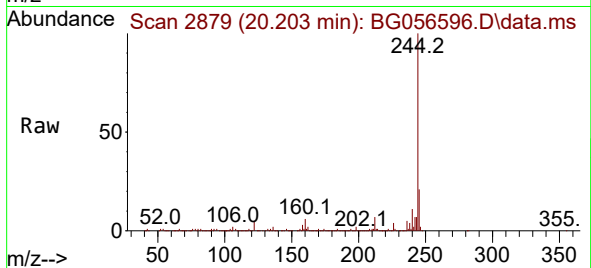
Tgt Ion:184 Resp: 17562

Ion Ratio Lower Upper

184 100

185 13.1 12.3 18.5

183 7.4 9.8 14.8#



#79

Terphenyl-d14

Concen: 88.664 ng

RT: 20.203 min Scan# 2879

Delta R.T. -0.006 min

Lab File: BG056596.D

Acq: 9 Feb 2023 13:05

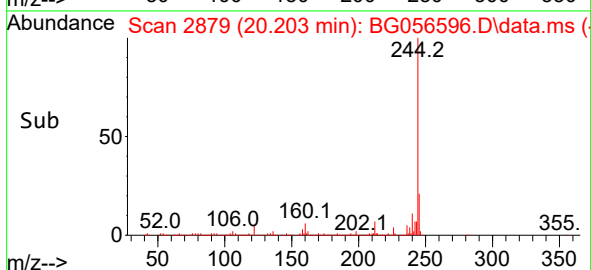
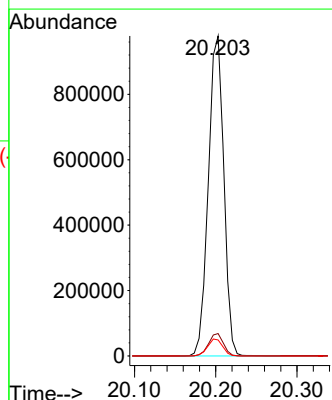
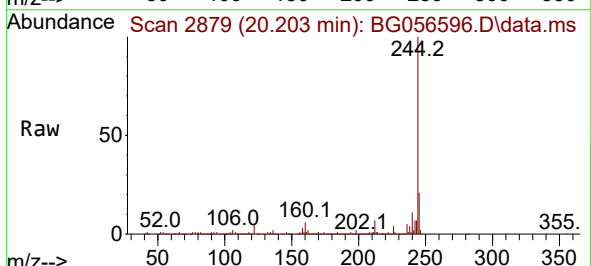
Tgt Ion:244 Resp: 1292047

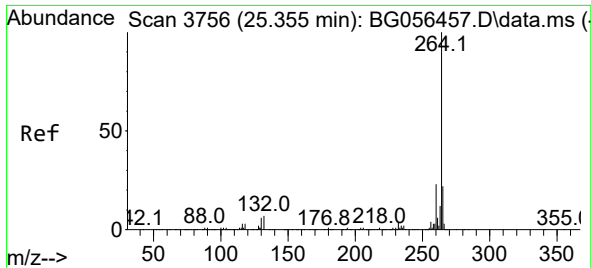
Ion Ratio Lower Upper

244 100

212 7.0 5.5 8.3

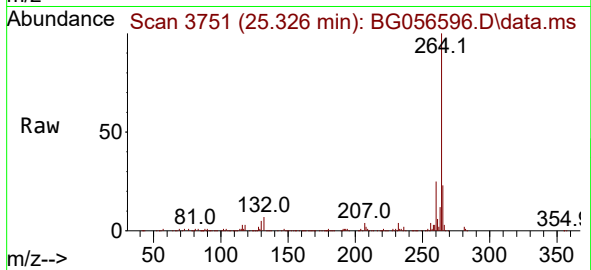
122 5.0 4.4 6.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.326 min Scan# 31
 Delta R.T. -0.011 min
 Lab File: BG056596.D
 Acq: 9 Feb 2023 13:05

Instrument :
 BNA_G
 ClientSampleId :
 PB150715TB



Tgt Ion:264 Resp: 274388
 Ion Ratio Lower Upper
 264 100
 260 24.8 18.2 27.4
 265 23.2 18.1 27.1

