

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG013123\
 Data File : BG056491.D
 Acq On : 31 Jan 2023 18:56
 Operator : CG/JU
 Sample : PB150200BL
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB150200BL

Quant Time: Feb 01 01:19:32 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 01 01:15:52 2023
 Response via : Initial Calibration

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

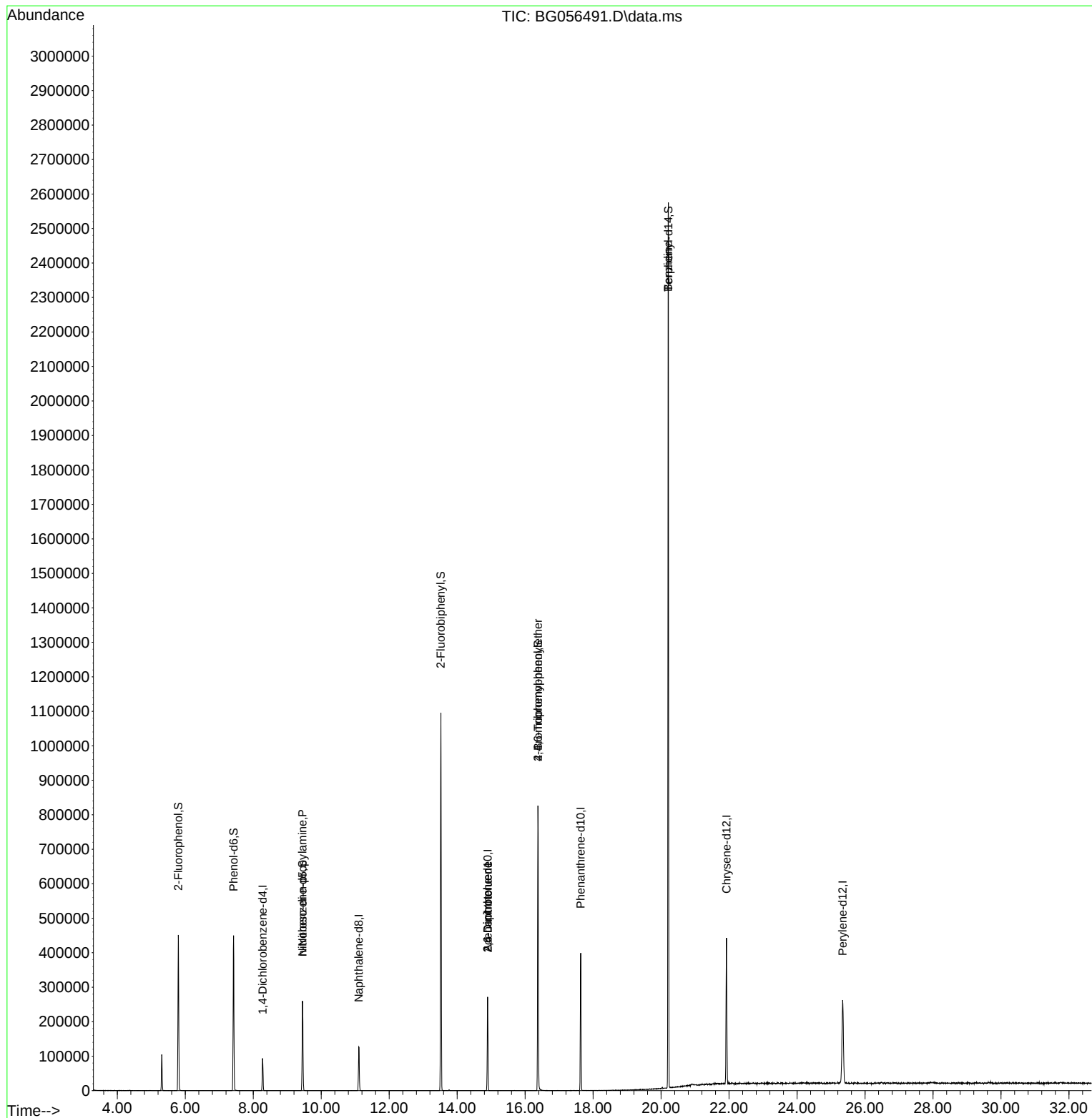
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.274	152	31767	20.000	ng	# 0.00
21) Naphthalene-d8	11.106	136	124937	20.000	ng	0.00
39) Acenaphthene-d10	14.896	164	103105	20.000	ng	0.00
64) Phenanthrene-d10	17.633	188	282540	20.000	ng	0.00
76) Chrysene-d12	21.923	240	288878	20.000	ng	0.00
86) Perylene-d12	25.342	264	309913	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.794	112	259597	150.329	ng	0.00
7) Phenol-d6	7.422	99	351891	137.530	ng	0.00
23) Nitrobenzene-d5	9.449	82	185463	84.295	ng	0.00
42) 2,4,6-Tribromophenol	16.376	330	183201	133.653	ng	0.00
45) 2-Fluorobiphenyl	13.521	172	640985	86.192	ng	0.00
79) Terphenyl-d14	20.213	244	1448528	88.070	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	7.416	77	460	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	9.449	70	22695	15.392	ng	# 75
51) 2,6-Dinitrotoluene	14.896	165	13155	7.232	ng	# 36
57) 2,4-Dinitrotoluene	14.896	165	13155	5.134	ng	# 35
67) 4-Bromophenyl-phenylether	16.376	248	14155	3.913	ng	# 1
77) Benzidine	20.207	184	19879	2.543	ng	# 90

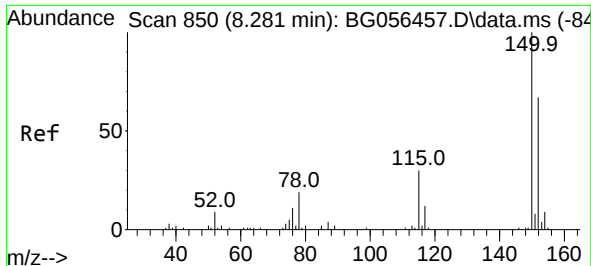
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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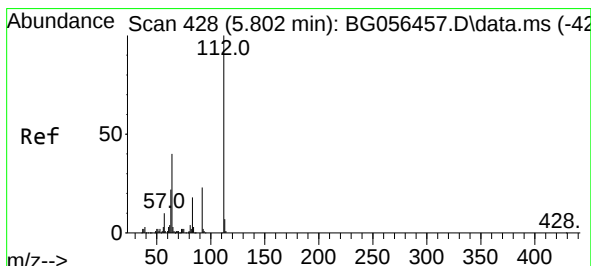
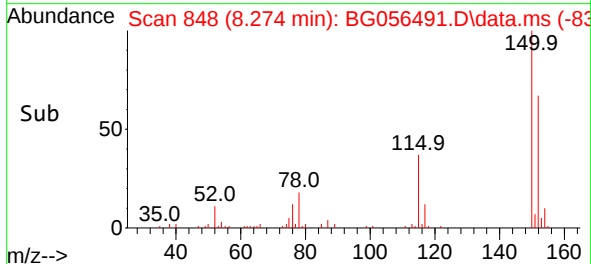
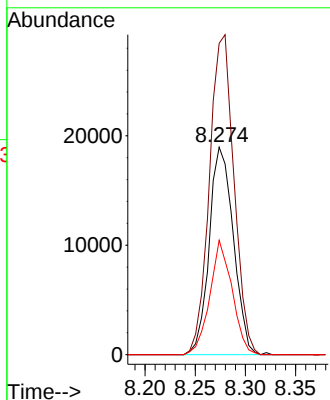
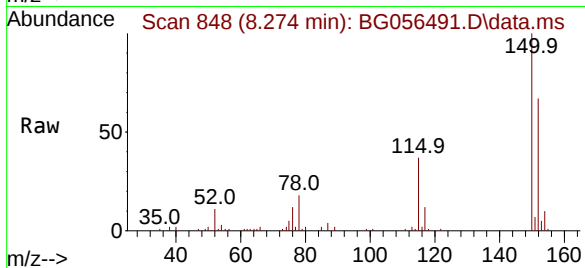




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.274 min Scan# 84
Delta R.T. -0.001 min
Lab File: BG056491.D
Acq: 31 Jan 2023 18:56

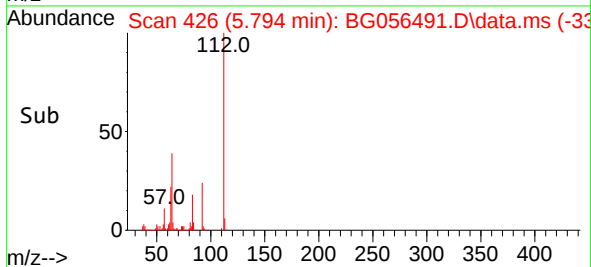
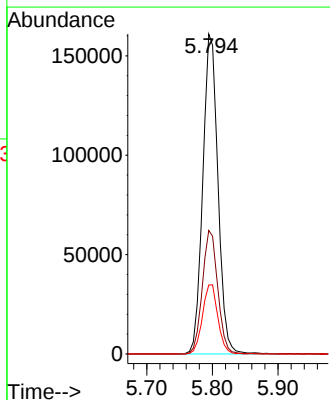
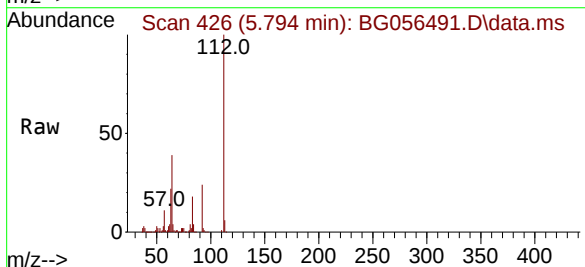
Instrument :
BNA_G
ClientSampleId :
PB150200BL

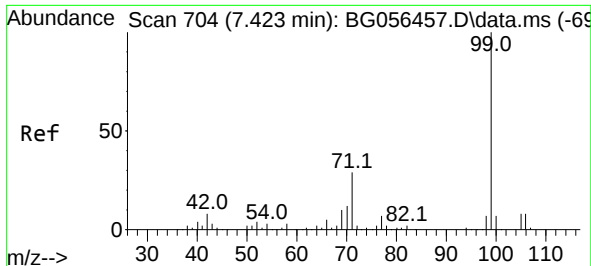
Tgt Ion:152 Resp: 31767
Ion Ratio Lower Upper
152 100
150 150.0 120.2 180.4
115 55.1 36.3 54.5#



#5
2-Fluorophenol
Concen: 150.329 ng
RT: 5.794 min Scan# 426
Delta R.T. -0.002 min
Lab File: BG056491.D
Acq: 31 Jan 2023 18:56

Tgt Ion:112 Resp: 259597
Ion Ratio Lower Upper
112 100
64 38.6 31.9 47.9
63 21.5 17.4 26.0

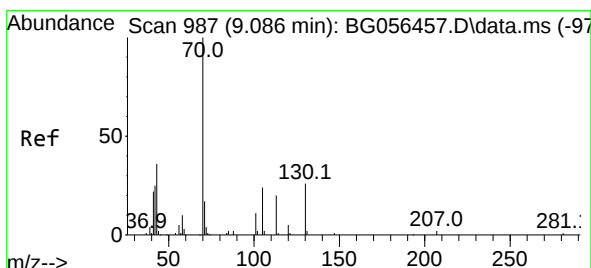
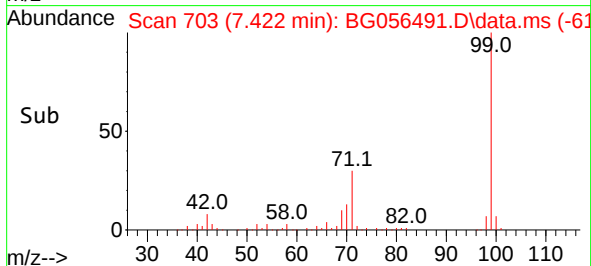
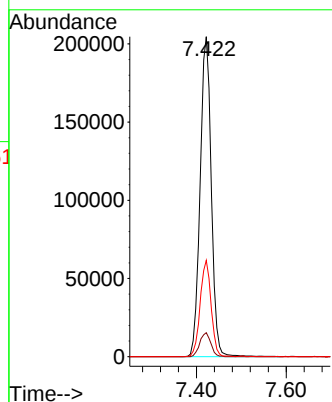
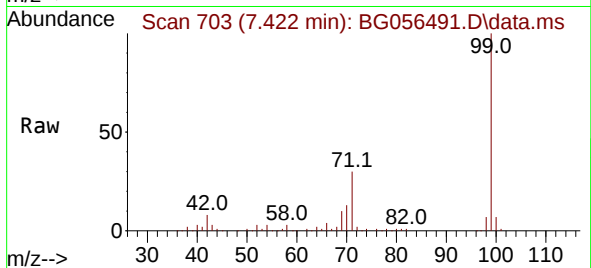




#7
Phenol-d6
Concen: 137.530 ng
RT: 7.422 min Scan# 704
Delta R.T. 0.004 min
Lab File: BG056491.D
Acq: 31 Jan 2023 18:56

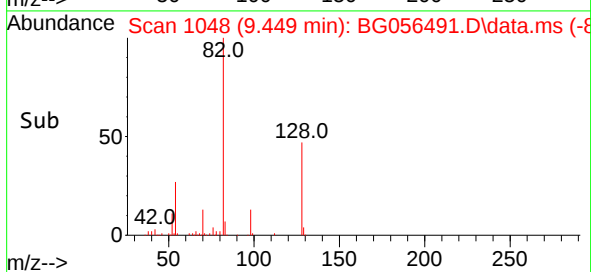
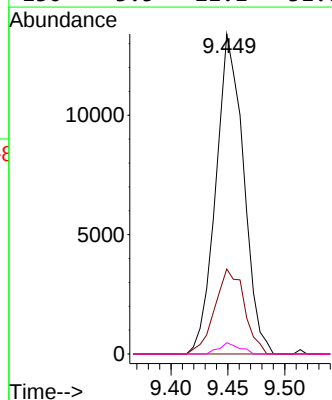
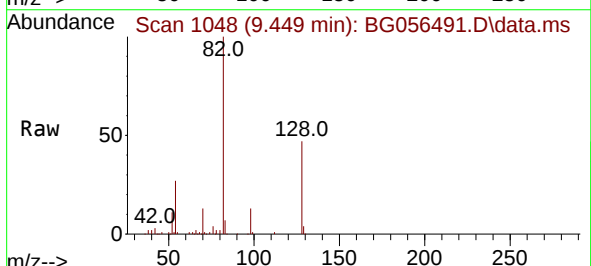
Instrument :
BNA_G
ClientSampleId :
PB150200BL

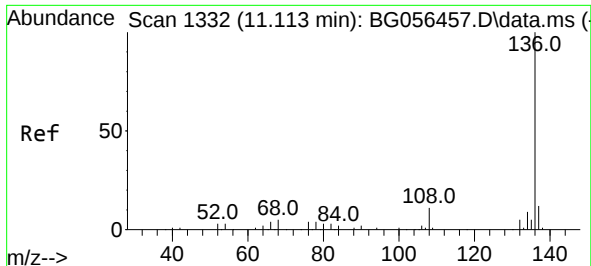
Tgt Ion: 99 Resp: 351891
Ion Ratio Lower Upper
99 100
42 7.5 6.6 10.0
71 30.1 23.4 35.0



#19
n-Nitroso-di-n-propylamine
Concen: 15.392 ng
RT: 9.449 min Scan# 1048
Delta R.T. 0.369 min
Lab File: BG056491.D
Acq: 31 Jan 2023 18:56

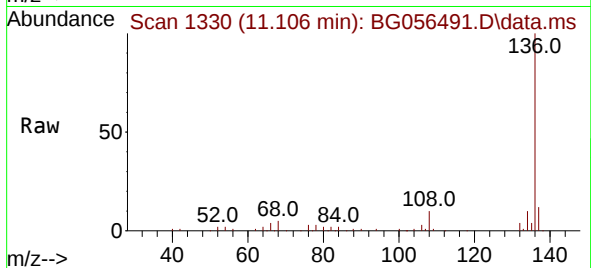
Tgt Ion: 70 Resp: 22695
Ion Ratio Lower Upper
70 100
42 26.5 20.2 30.4
101 0.0 9.1 13.7#
130 3.5 21.1 31.7#



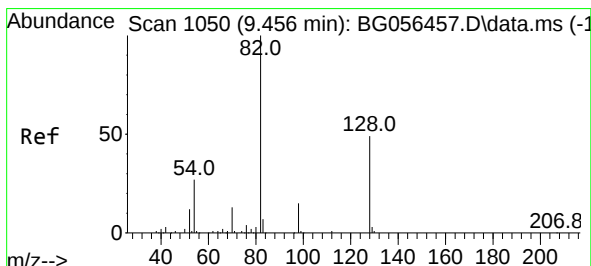
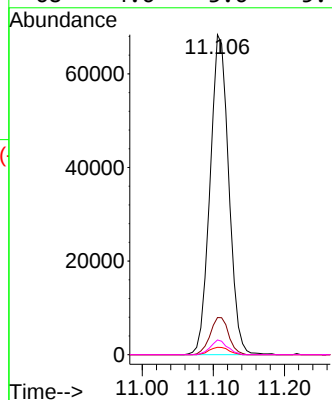
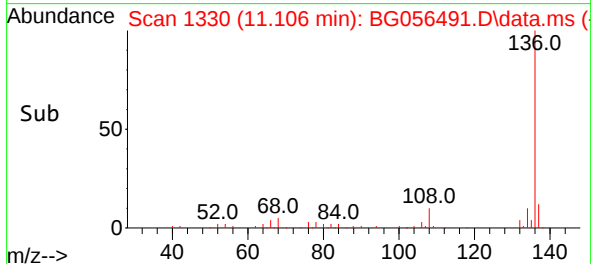


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.106 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG056491.D
Acq: 31 Jan 2023 18:56

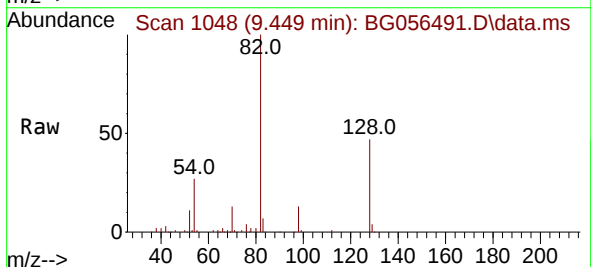
Instrument :
BNA_G
ClientSampleId :
PB150200BL



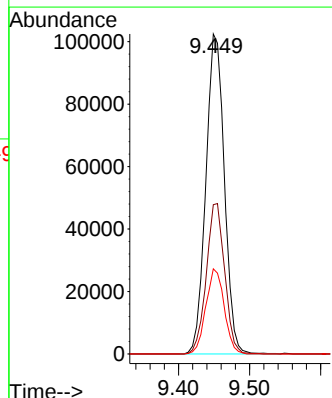
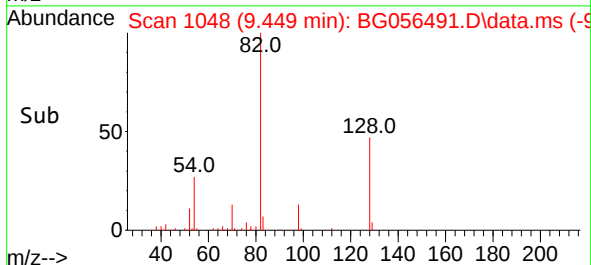
Tgt Ion:136 Resp: 124937
Ion Ratio Lower Upper
136 100
137 11.6 9.4 14.0
54 2.3 2.2 3.4
68 4.6 3.6 5.4

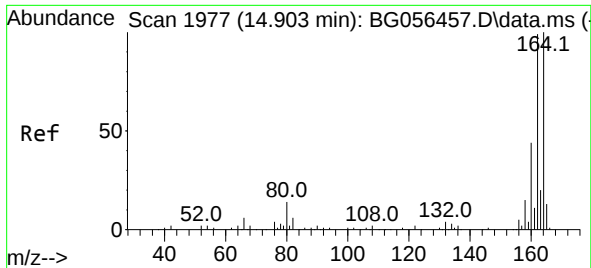


#23
Nitrobenzene-d5
Concen: 84.295 ng
RT: 9.449 min Scan# 1048
Delta R.T. -0.007 min
Lab File: BG056491.D
Acq: 31 Jan 2023 18:56



Tgt Ion: 82 Resp: 185463
Ion Ratio Lower Upper
82 100
128 46.7 39.4 59.2
54 26.6 21.4 32.2

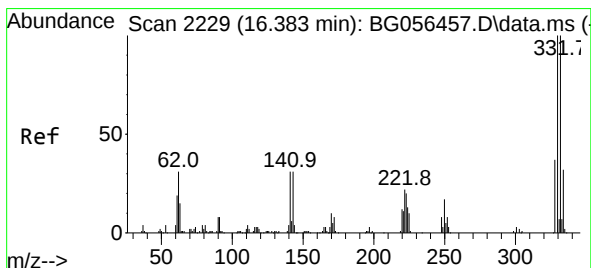
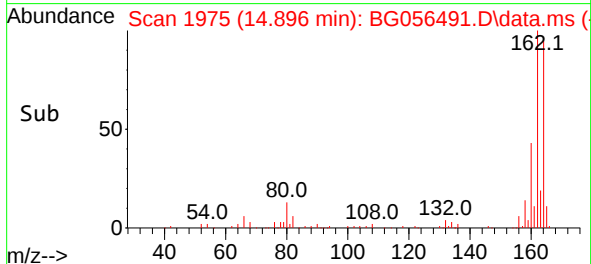
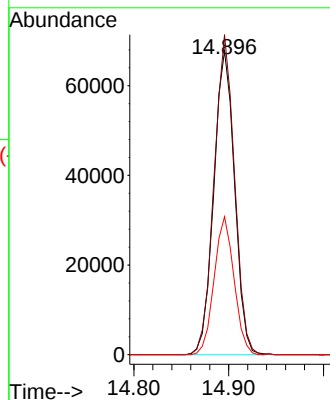
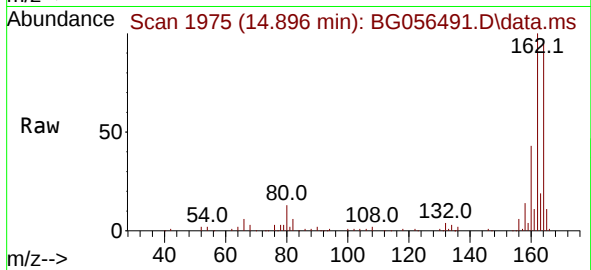




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.896 min Scan# 1975
Delta R.T. -0.002 min
Lab File: BG056491.D
Acq: 31 Jan 2023 18:56

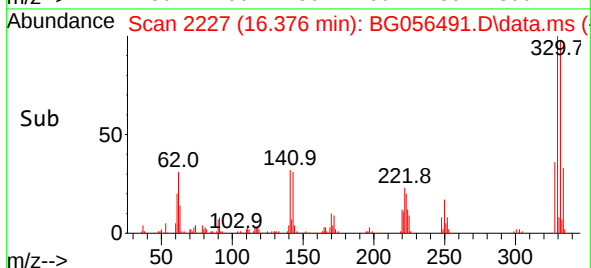
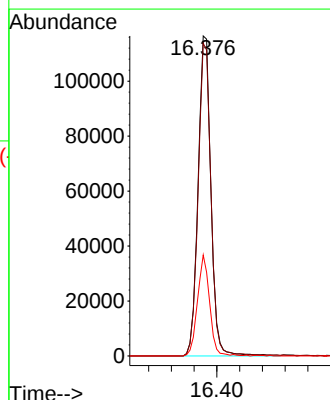
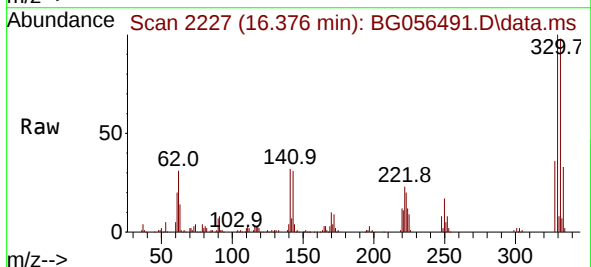
Instrument :
BNA_G
ClientSampleId :
PB150200BL

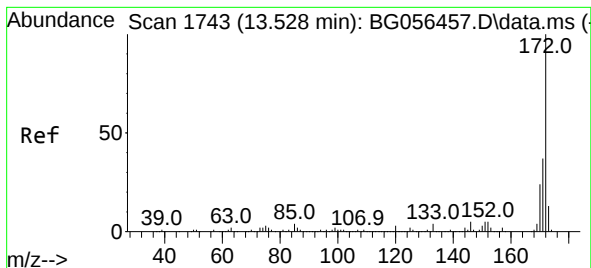
Tgt Ion:164 Resp: 103105
Ion Ratio Lower Upper
164 100
162 105.3 79.6 119.4
160 45.4 34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 133.653 ng
RT: 16.376 min Scan# 2227
Delta R.T. -0.002 min
Lab File: BG056491.D
Acq: 31 Jan 2023 18:56

Tgt Ion:330 Resp: 183201
Ion Ratio Lower Upper
330 100
332 97.7 79.0 118.6
141 29.8 24.2 36.4

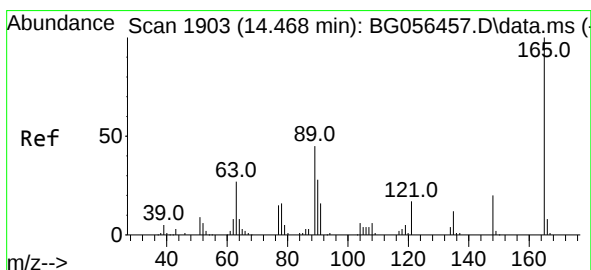
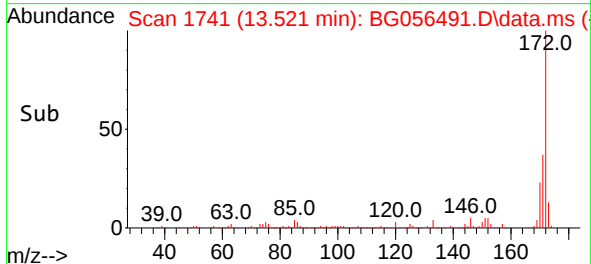
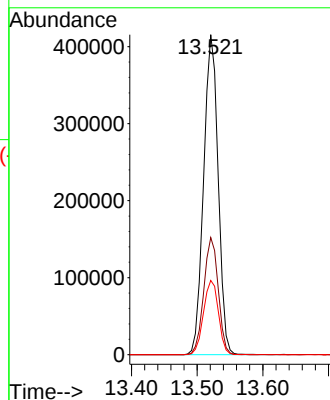
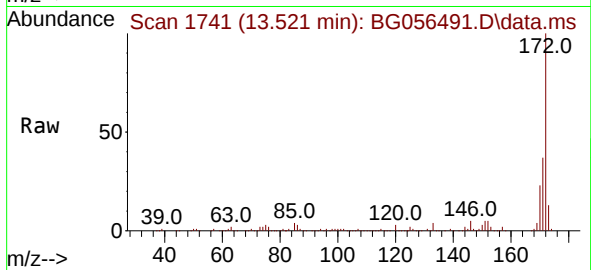




#45
2-Fluorobiphenyl
Concen: 86.192 ng
RT: 13.521 min Scan# 1
Delta R.T. -0.002 min
Lab File: BG056491.D
Acq: 31 Jan 2023 18:56

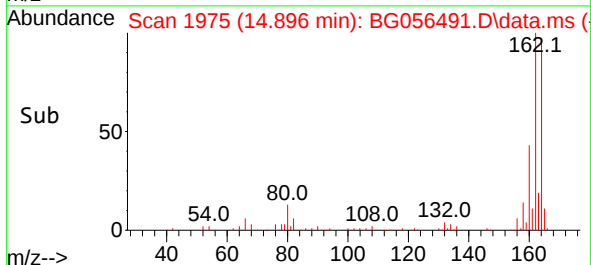
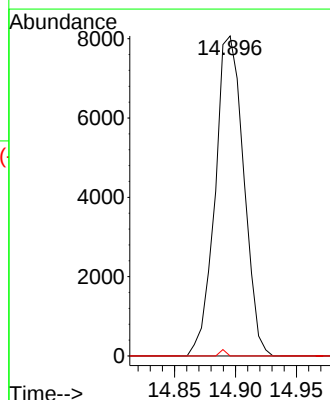
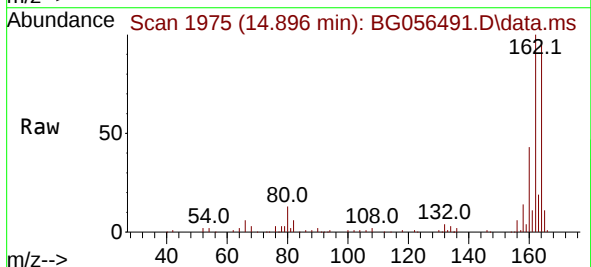
Instrument :
BNA_G
ClientSampleId :
PB150200BL

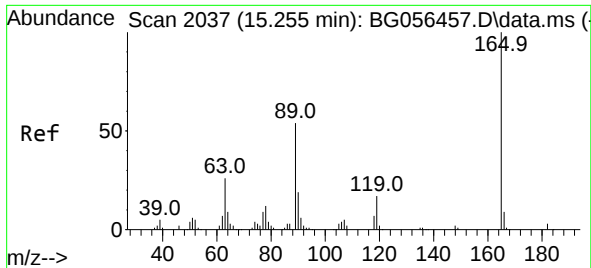
Tgt Ion:172 Resp: 640985
Ion Ratio Lower Upper
172 100
171 36.6 29.5 44.3
170 23.2 19.2 28.8



#51
2,6-Dinitrotoluene
Concen: 7.232 ng
RT: 14.896 min Scan# 1975
Delta R.T. 0.427 min
Lab File: BG056491.D
Acq: 31 Jan 2023 18:56

Tgt Ion:165 Resp: 13155
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: 5.134 ng

RT: 14.896 min Scan# 1975

Delta R.T. -0.354 min

Lab File: BG056491.D

Acq: 31 Jan 2023 18:56

Instrument :

BNA_G

ClientSampleId :

PB150200BL

Tgt Ion:165 Resp: 13155

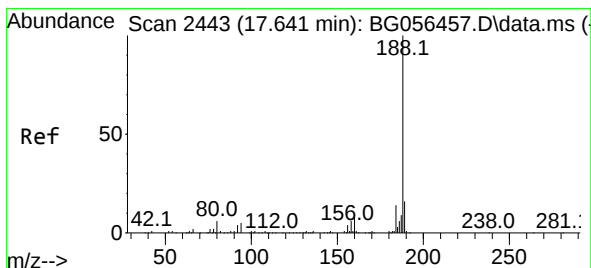
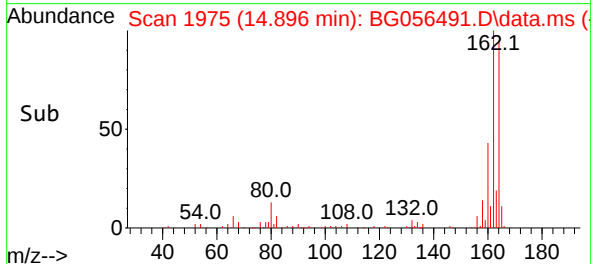
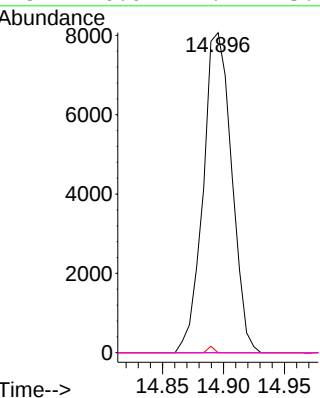
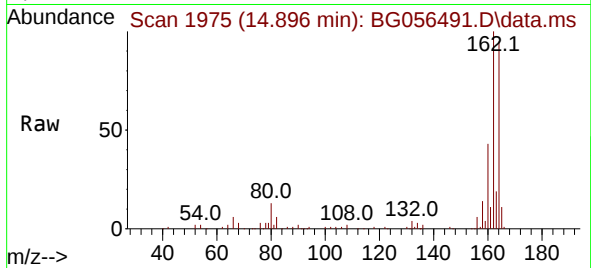
Ion Ratio Lower Upper

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: 17.633 min Scan# 2441

Delta R.T. -0.002 min

Lab File: BG056491.D

Acq: 31 Jan 2023 18:56

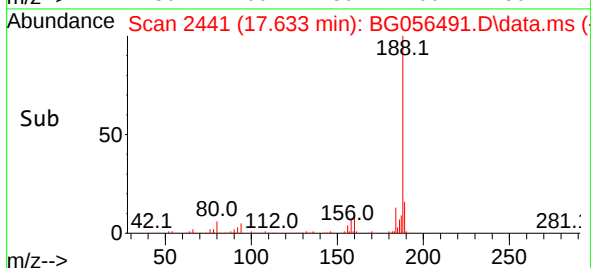
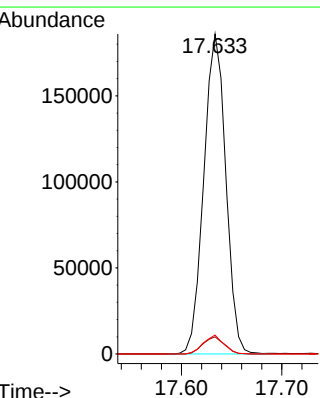
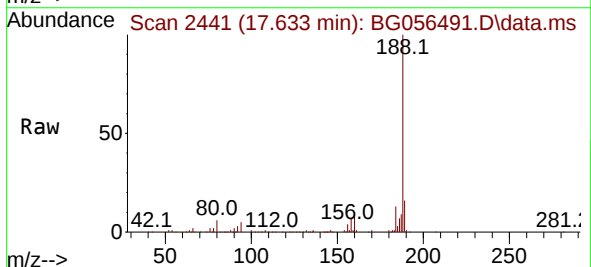
Tgt Ion:188 Resp: 282540

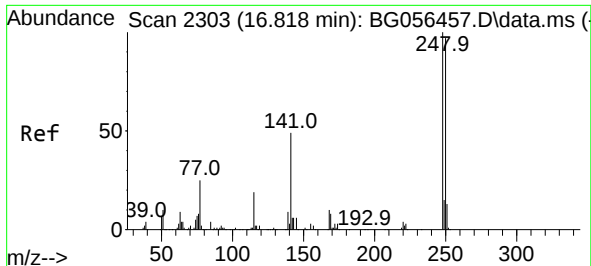
Ion Ratio Lower Upper

188 100

94 5.3 4.1 6.1

80 5.9 5.0 7.4

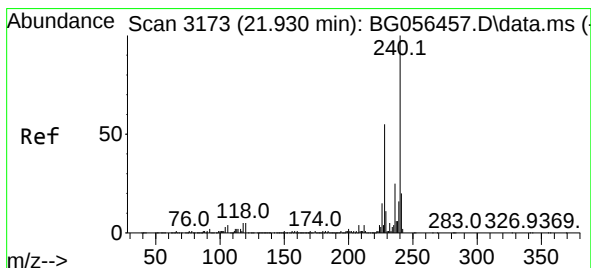
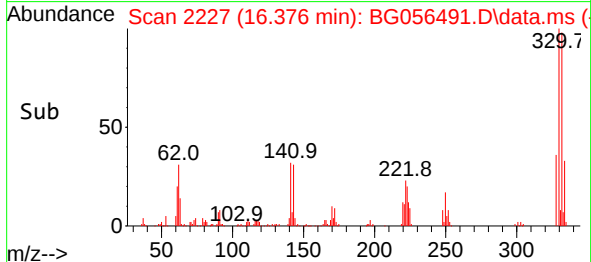
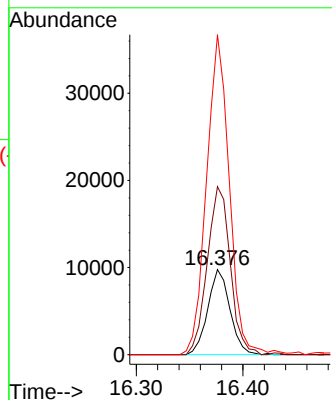
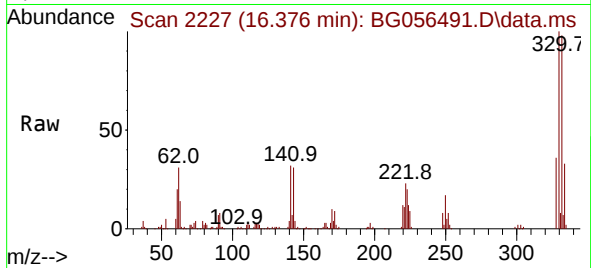




#67
4-Bromophenyl-phenylether
Concen: 3.913 ng
RT: 16.376 min Scan# 211
Delta R.T. -0.436 min
Lab File: BG056491.D
Acq: 31 Jan 2023 18:56

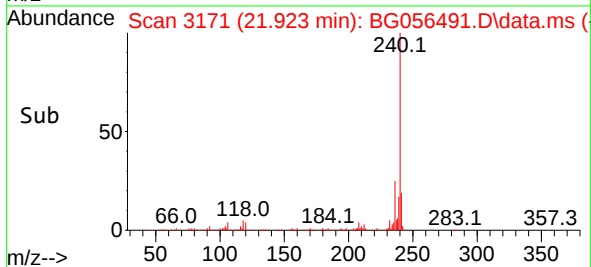
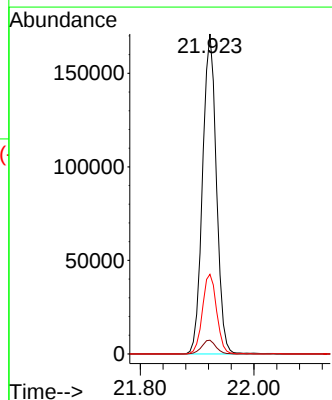
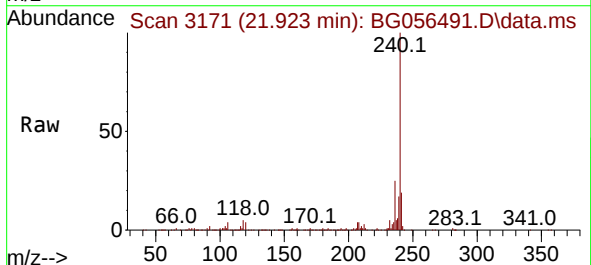
Instrument :
BNA_G
ClientSampleId :
PB150200BL

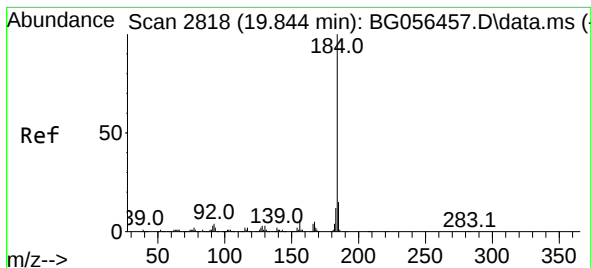
Tgt Ion:248 Resp: 14155
Ion Ratio Lower Upper
248 100
250 197.4 77.6 116.4#
141 375.9 39.0 58.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.923 min Scan# 3171
Delta R.T. -0.002 min
Lab File: BG056491.D
Acq: 31 Jan 2023 18:56

Tgt Ion:240 Resp: 288878
Ion Ratio Lower Upper
240 100
120 4.3 3.8 5.8
236 24.9 20.2 30.2





#77

Benzidine

Concen: 2.543 ng

RT: 20.207 min Scan# 21

Delta R.T. 0.369 min

Lab File: BG056491.D

Acq: 31 Jan 2023 18:56

Instrument :

BNA_G

ClientSampleId :

PB150200BL

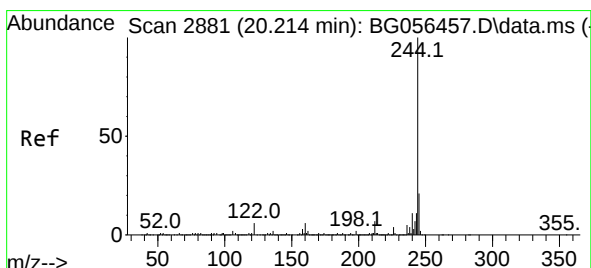
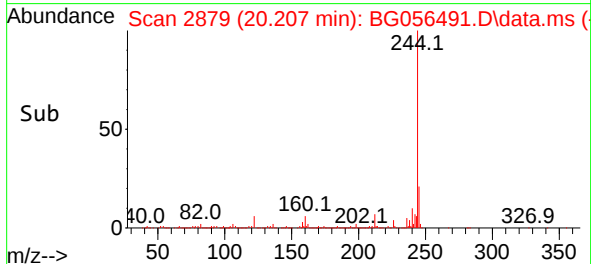
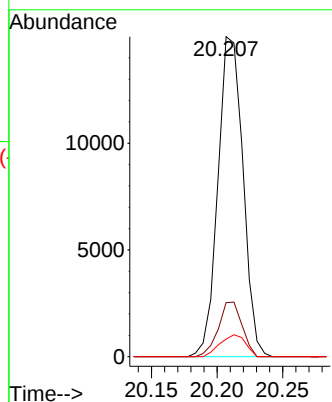
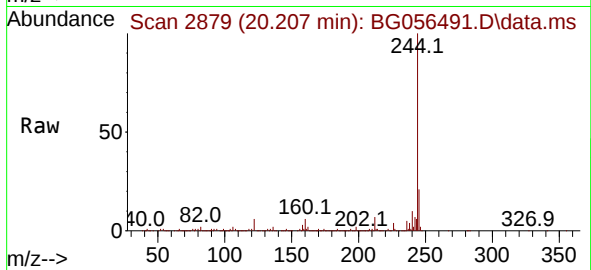
Tgt Ion:184 Resp: 19879

Ion Ratio Lower Upper

184 100

185 16.9 12.3 18.5

183 5.5 9.8 14.8#



#79

Terphenyl-d14

Concen: 88.070 ng

RT: 20.213 min Scan# 2880

Delta R.T. 0.004 min

Lab File: BG056491.D

Acq: 31 Jan 2023 18:56

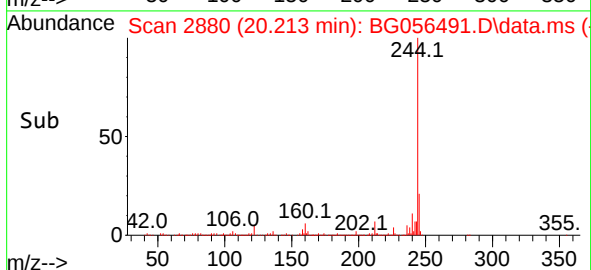
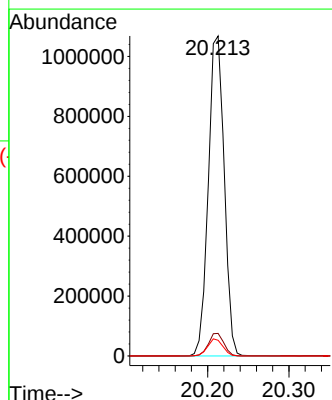
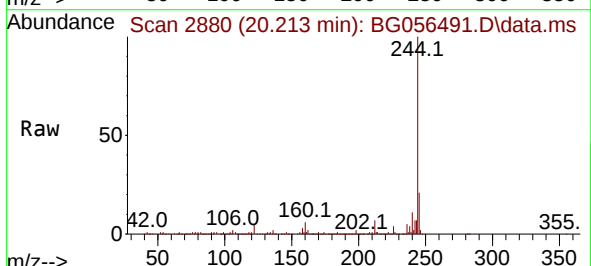
Tgt Ion:244 Resp: 1448528

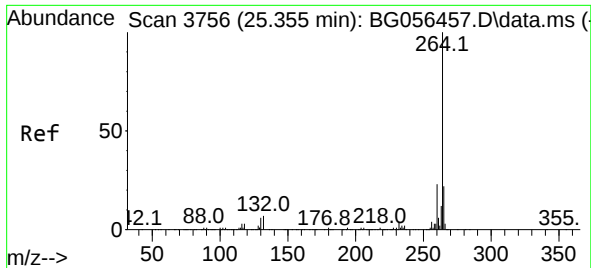
Ion Ratio Lower Upper

244 100

212 7.0 5.5 8.3

122 4.9 4.4 6.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.342 min Scan# 31
 Delta R.T. -0.002 min
 Lab File: BG056491.D
 Acq: 31 Jan 2023 18:56

Instrument :
 BNA_G
 ClientSampleId :
 PB150200BL

Tgt Ion:264 Resp: 309913

Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.2	27.4
265	21.9	18.1	27.1

