

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111723\
 Data File : BG059736.D
 Acq On : 17 Nov 2023 18:51
 Operator : MA/JU
 Sample : PB157066BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 18 04:18:38 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 17 01:51:38 2023
 Response via : Initial Calibration

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

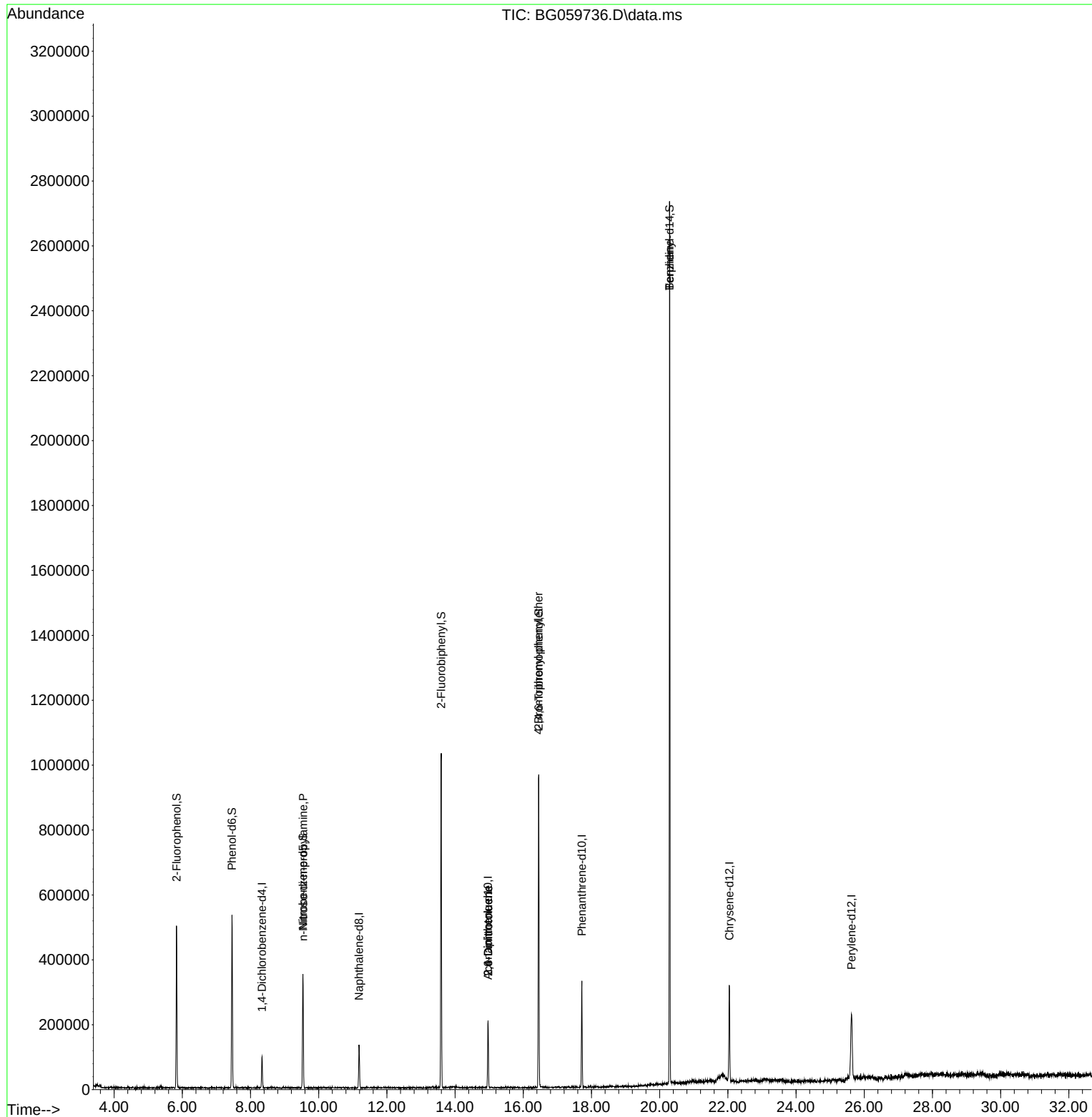
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.340	152	20726	20.000	ng	0.00
21) Naphthalene-d8	11.184	136	94392	20.000	ng	# 0.00
39) Acenaphthene-d10	14.962	164	66743	20.000	ng	0.00
64) Phenanthrene-d10	17.718	188	174873	20.000	ng	0.00
76) Chrysene-d12	22.042	240	169243	20.000	ng	# 0.00
86) Perylene-d12	25.626	264	254446	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.832	112	167923	136.369	ng	0.00
7) Phenol-d6	7.459	99	247348	135.548	ng	0.00
23) Nitrobenzene-d5	9.539	82	221532	89.634	ng	0.00
42) 2,4,6-Tribromophenol	16.454	330	139808	184.618	ng	0.00
45) 2-Fluorobiphenyl	13.593	172	457391	92.245	ng	0.00
79) Terphenyl-d14	20.291	244	1138626	99.318	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.545	70	35002	24.358	ng	# 77
51) 2,6-Dinitrotoluene	14.968	165	10326	10.524	ng	# 1
57) 2,4-Dinitrotoluene	14.968	165	10326	6.843	ng	# 2
67) 4-Bromophenyl-phenylether	16.449	248	9795	5.214	ng	# 1
77) Benzidine	20.291	184	31360	8.172	ng	# 94

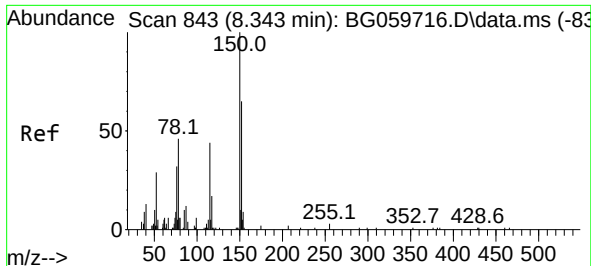
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111723\
Data File : BG059736.D
Acq On : 17 Nov 2023 18:51
Operator : MA/JU
Sample : PB157066BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

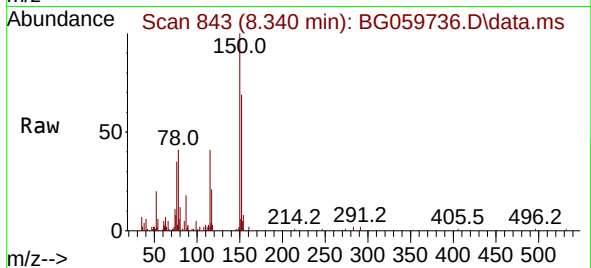
Quant Time: Nov 18 04:18:38 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 17 01:51:38 2023
Response via : Initial Calibration



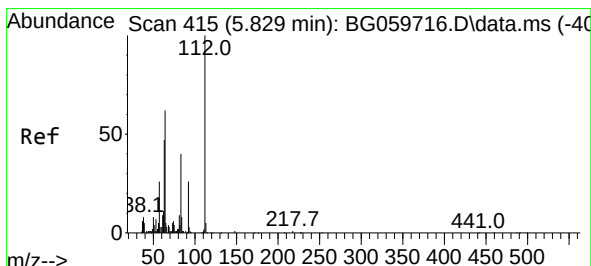
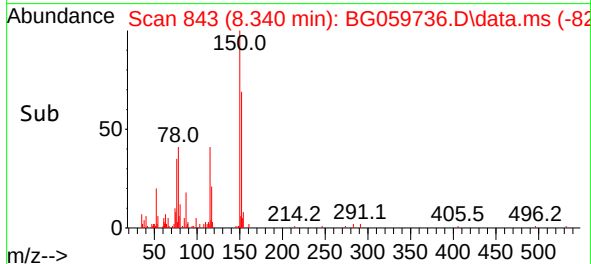
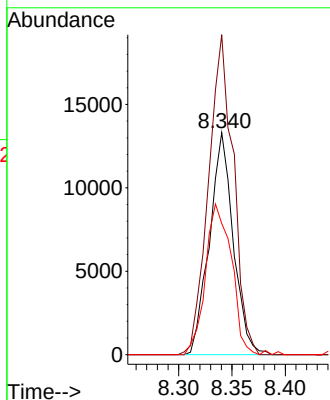


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.340 min Scan# 843
Delta R.T. -0.003 min
Lab File: BG059736.D
Acq: 17 Nov 2023 18:51

Instrument :
BNA_G
ClientSampleId :

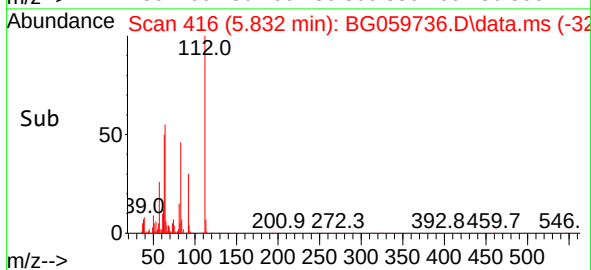
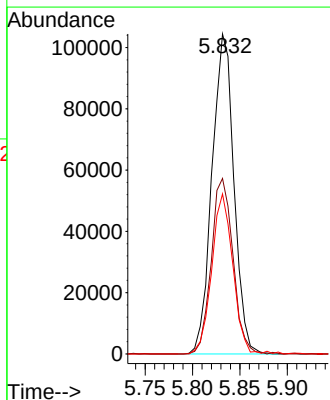
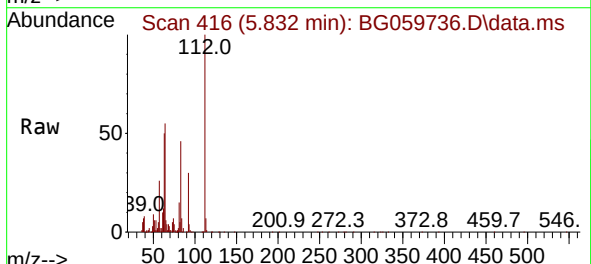


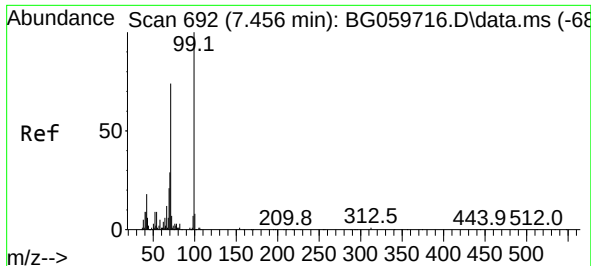
Tgt Ion:152 Resp: 20726
Ion Ratio Lower Upper
152 100
150 144.1 122.2 183.4
115 59.1 54.2 81.4



#5
2-Fluorophenol
Concen: 136.369 ng
RT: 5.832 min Scan# 416
Delta R.T. 0.003 min
Lab File: BG059736.D
Acq: 17 Nov 2023 18:51

Tgt Ion:112 Resp: 167923
Ion Ratio Lower Upper
112 100
64 54.9 49.5 74.3
63 50.0 37.4 56.2

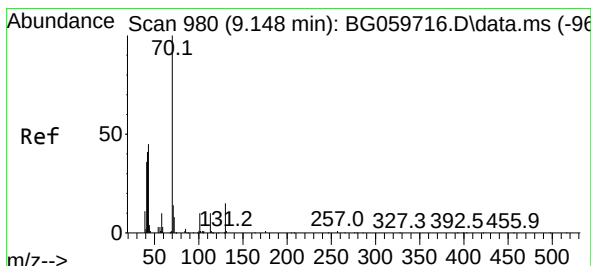
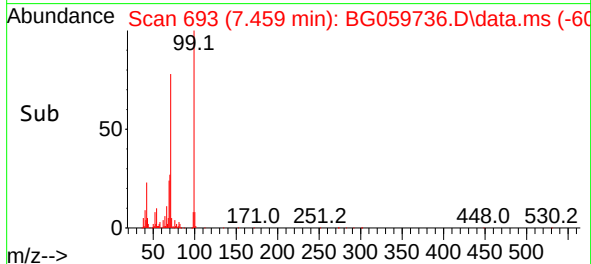
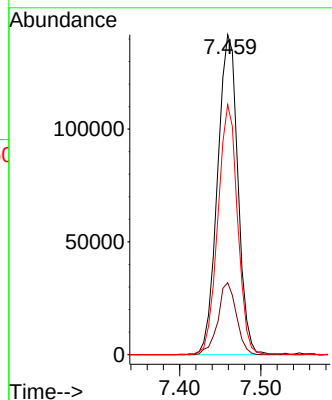
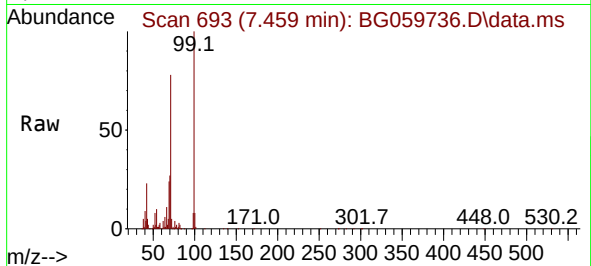




#7
Phenol-d6
Concen: 135.548 ng
RT: 7.459 min Scan# 692
Delta R.T. 0.003 min
Lab File: BG059736.D
Acq: 17 Nov 2023 18:51

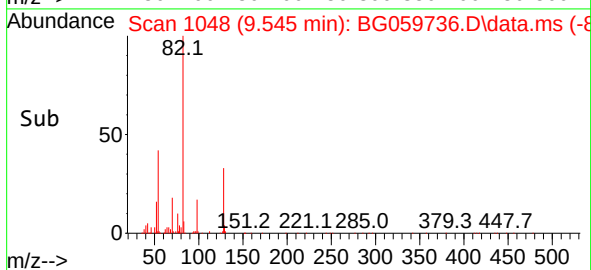
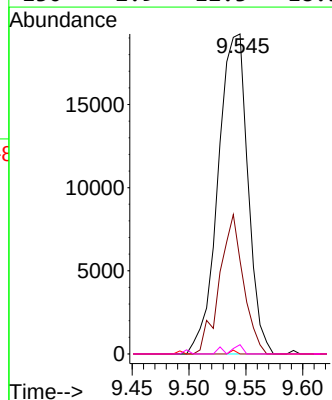
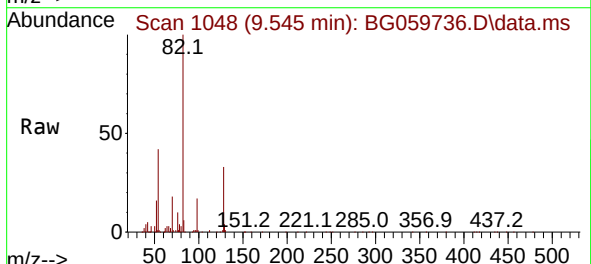
Instrument :
BNA_G
ClientSampleId :

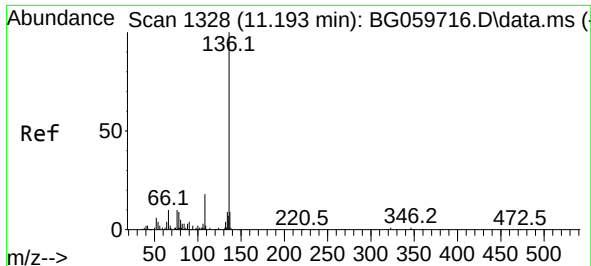
Tgt Ion: 99 Resp: 247348
Ion Ratio Lower Upper
99 100
42 22.5 14.3 21.5#
71 78.2 59.3 88.9



#19
n-Nitroso-di-n-propylamine
Concen: 24.358 ng
RT: 9.545 min Scan# 1048
Delta R.T. 0.397 min
Lab File: BG059736.D
Acq: 17 Nov 2023 18:51

Tgt Ion: 70 Resp: 35002
Ion Ratio Lower Upper
70 100
42 29.1 32.8 49.2#
101 0.0 7.7 11.5#
130 2.9 12.3 18.5#

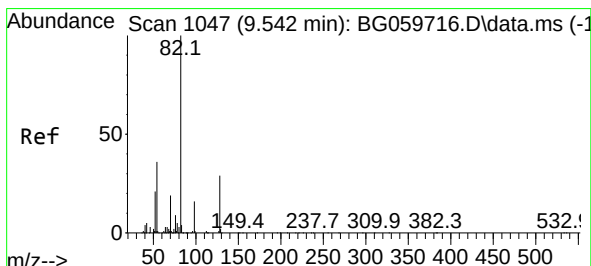
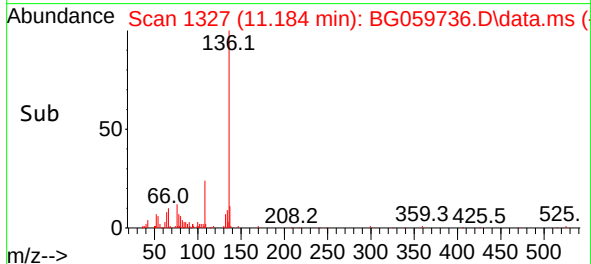
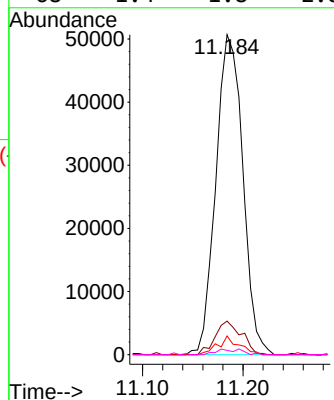
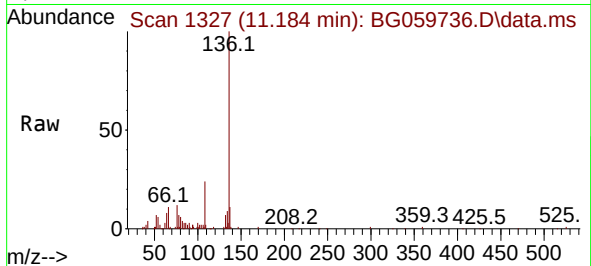




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.184 min Scan# 11
Delta R.T. -0.009 min
Lab File: BG059736.D
Acq: 17 Nov 2023 18:51

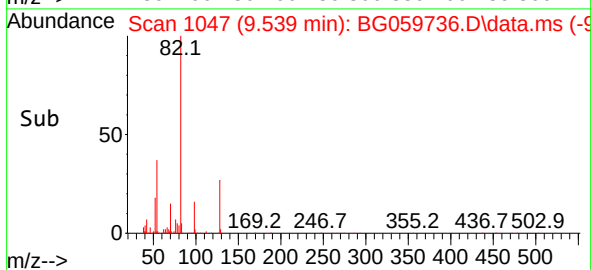
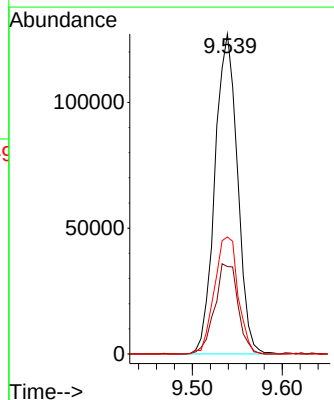
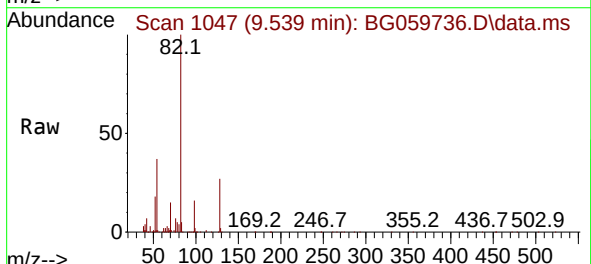
Instrument :
BNA_G
ClientSampleId :

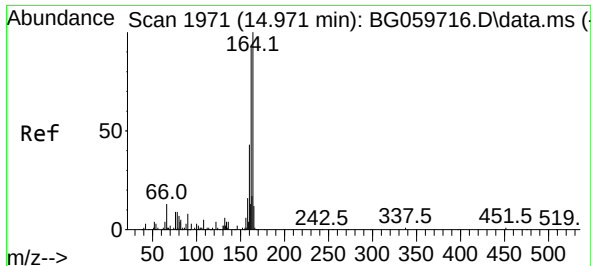
Tgt Ion:136 Resp: 94392
Ion Ratio Lower Upper
136 100
137 10.5 7.4 11.0
54 5.9 3.1 4.7#
68 1.4 1.8 2.8#



#23
Nitrobenzene-d5
Concen: 89.634 ng
RT: 9.539 min Scan# 1047
Delta R.T. -0.003 min
Lab File: BG059736.D
Acq: 17 Nov 2023 18:51

Tgt Ion: 82 Resp: 221532
Ion Ratio Lower Upper
82 100
128 27.3 23.0 34.6
54 36.6 28.7 43.1

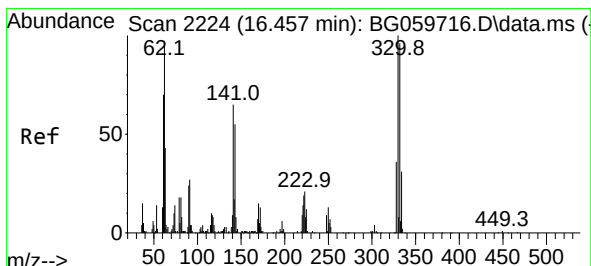
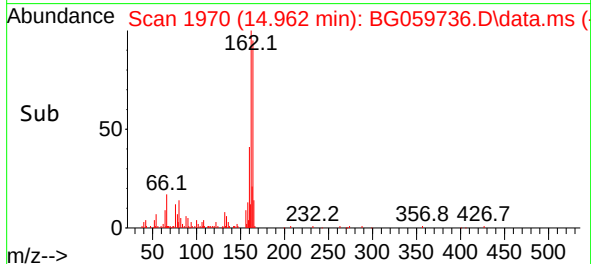
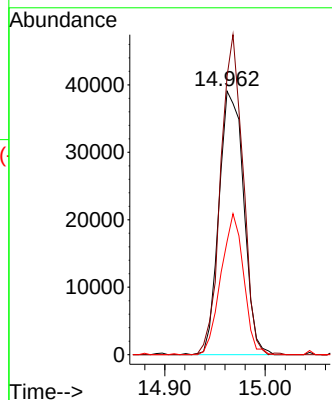
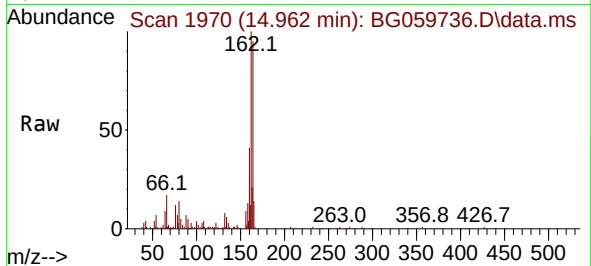




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.962 min Scan# 1970
Delta R.T. -0.009 min
Lab File: BG059736.D
Acq: 17 Nov 2023 18:51

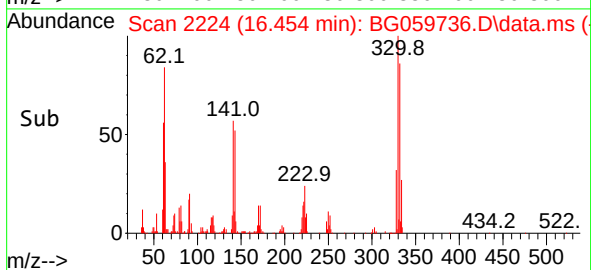
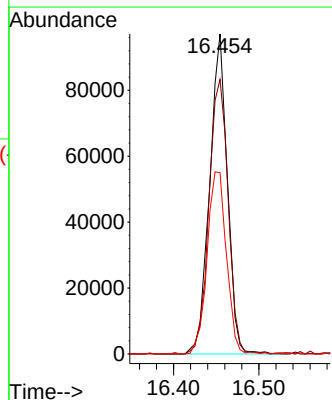
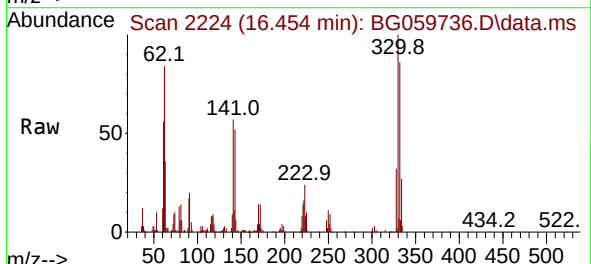
Instrument :
BNA_G
ClientSampleId :

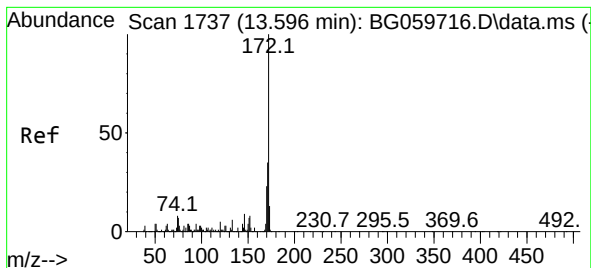
Tgt Ion:164 Resp: 66743
Ion Ratio Lower Upper
164 100
162 105.7 73.3 109.9
160 43.0 34.1 51.1



#42
2,4,6-Tribromophenol
Concen: 184.618 ng
RT: 16.454 min Scan# 2224
Delta R.T. -0.003 min
Lab File: BG059736.D
Acq: 17 Nov 2023 18:51

Tgt Ion:330 Resp: 139808
Ion Ratio Lower Upper
330 100
332 93.1 73.3 109.9
141 62.2 52.1 78.1

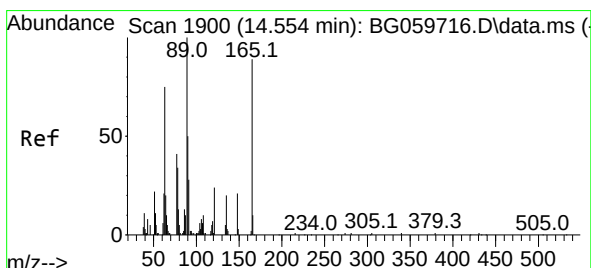
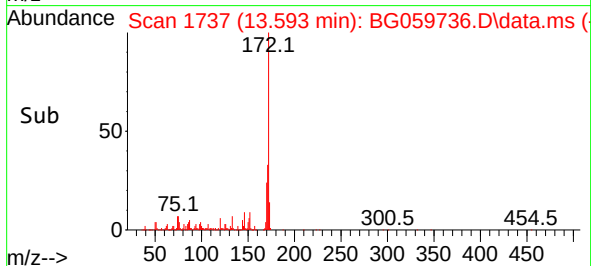
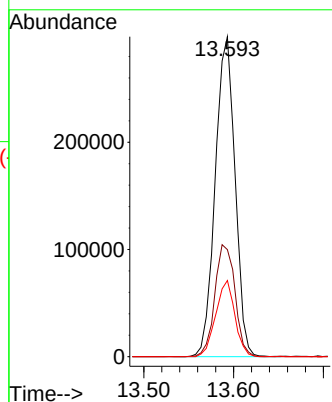
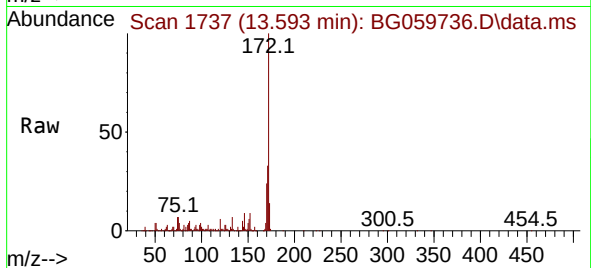




#45
2-Fluorobiphenyl
Concen: 92.245 ng
RT: 13.593 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG059736.D
Acq: 17 Nov 2023 18:51

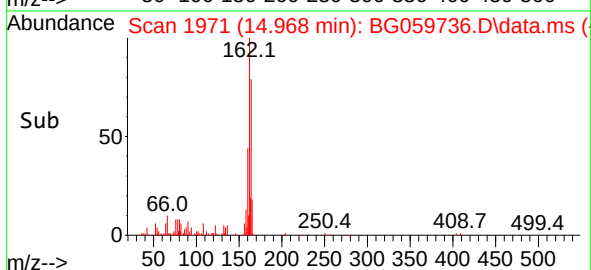
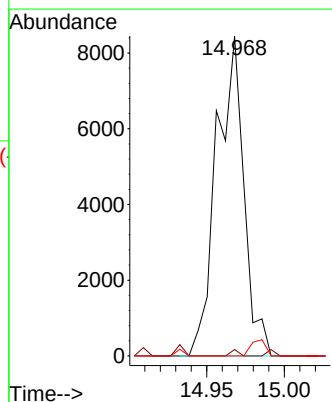
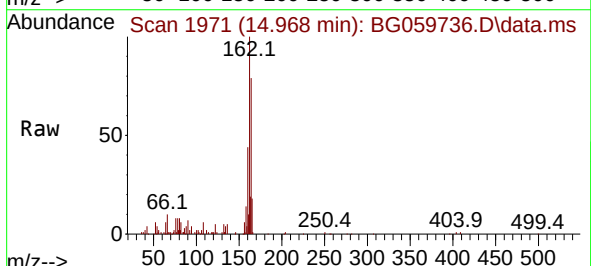
Instrument :
BNA_G
ClientSampleId :

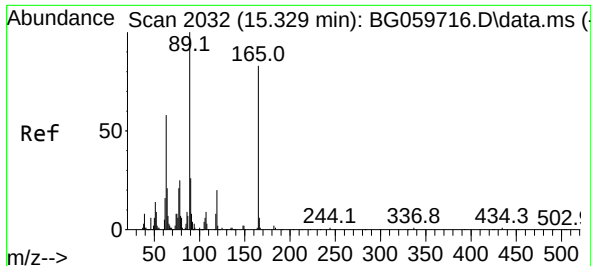
Tgt Ion:172 Resp: 457391
Ion Ratio Lower Upper
172 100
171 33.4 27.7 41.5
170 23.8 18.4 27.6



#51
2,6-Dinitrotoluene
Concen: 10.524 ng
RT: 14.968 min Scan# 1971
Delta R.T. 0.414 min
Lab File: BG059736.D
Acq: 17 Nov 2023 18:51

Tgt Ion:165 Resp: 10326
Ion Ratio Lower Upper
165 100
63 2.0 75.3 112.9#
89 0.0 90.9 136.3#





#57

2,4-Dinitrotoluene

Concen: 6.843 ng

RT: 14.968 min Scan# 1971

Delta R.T. -0.361 min

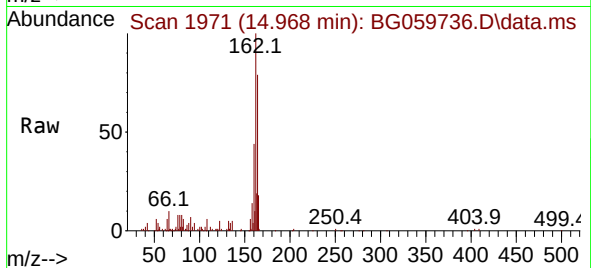
Lab File: BG059736.D

Acq: 17 Nov 2023 18:51

Instrument :

BNA_G

ClientSampleId :



Tgt Ion:165 Resp: 10326

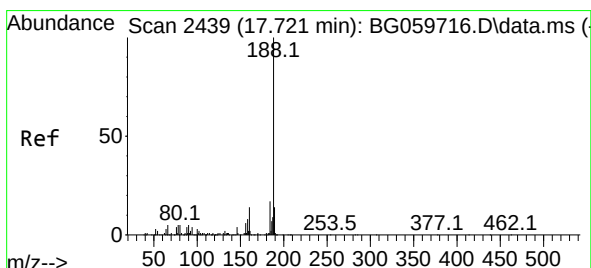
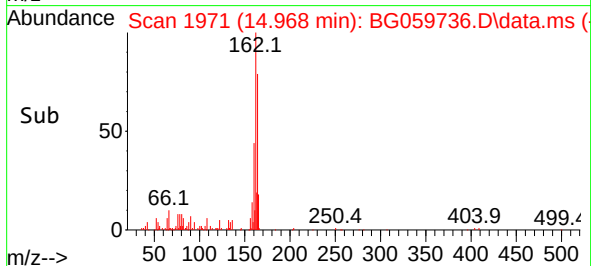
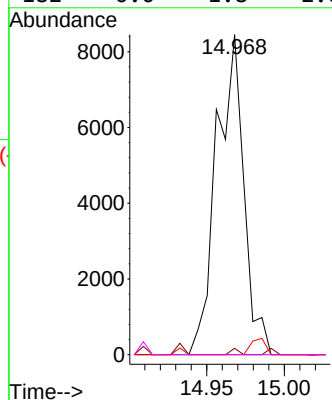
Ion Ratio Lower Upper

165 100

63 2.0 55.8 83.8#

89 0.0 96.9 145.3#

182 0.0 1.8 2.6#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.718 min Scan# 2439

Delta R.T. -0.003 min

Lab File: BG059736.D

Acq: 17 Nov 2023 18:51

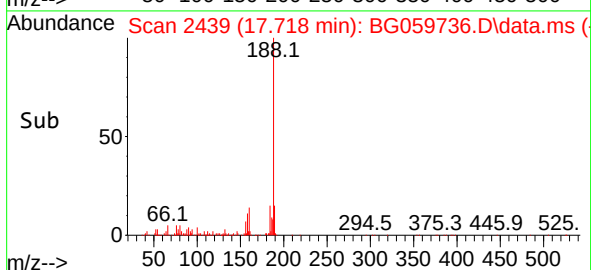
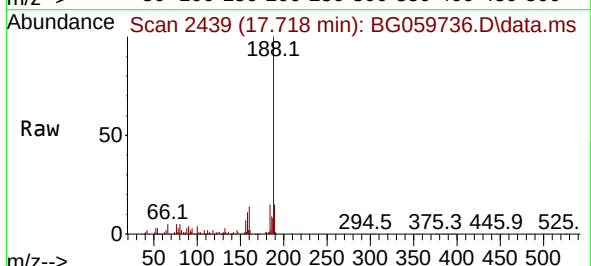
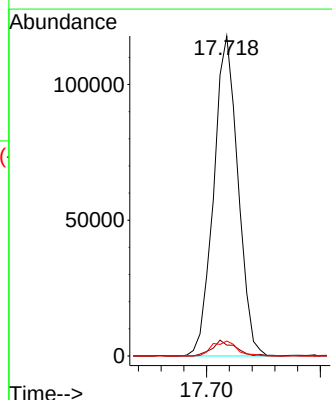
Tgt Ion:188 Resp: 174873

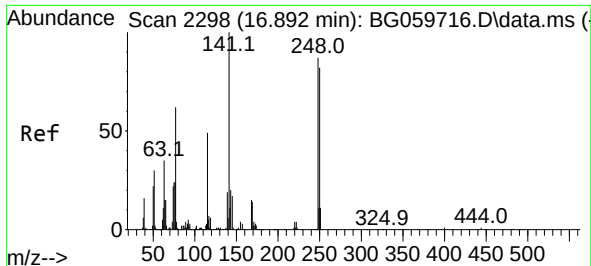
Ion Ratio Lower Upper

188 100

94 3.4 3.0 4.4

80 4.7 4.2 6.4

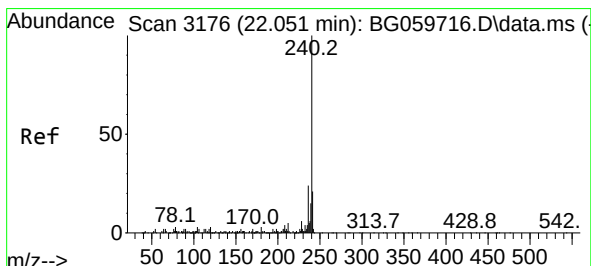
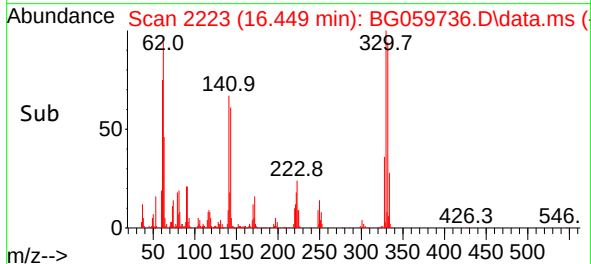
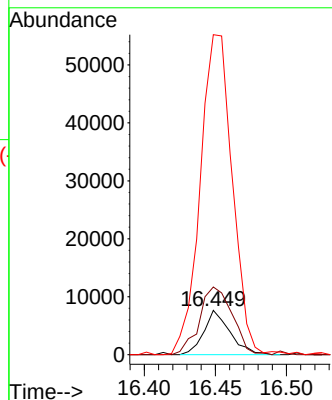
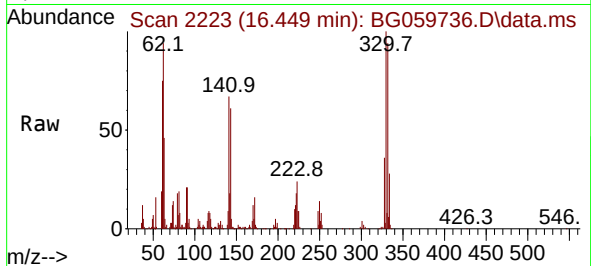




#67
4-Bromophenyl-phenylether
Concen: 5.214 ng
RT: 16.449 min Scan# 21
Delta R.T. -0.444 min
Lab File: BG059736.D
Acq: 17 Nov 2023 18:51

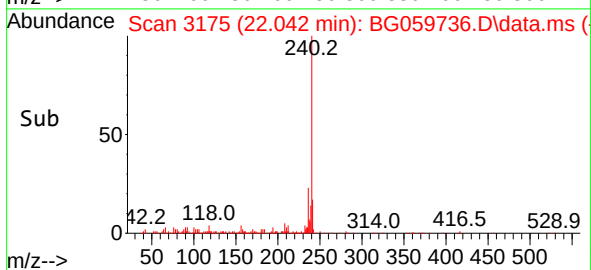
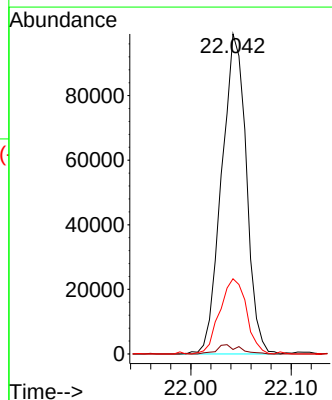
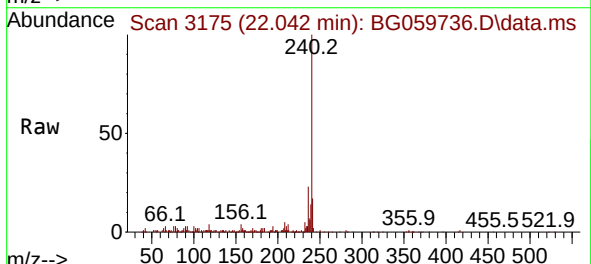
Instrument :
BNA_G
ClientSampleId :

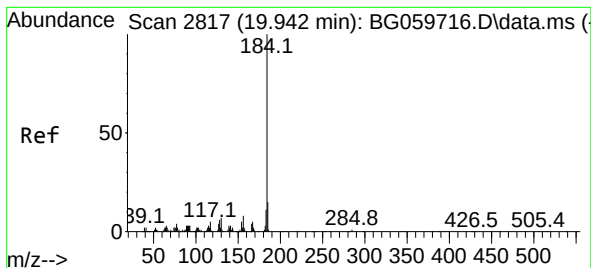
Tgt Ion:248 Resp: 9795
Ion Ratio Lower Upper
248 100
250 152.9 75.2 112.8#
141 723.1 91.5 137.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.042 min Scan# 3175
Delta R.T. -0.009 min
Lab File: BG059736.D
Acq: 17 Nov 2023 18:51

Tgt Ion:240 Resp: 169243
Ion Ratio Lower Upper
240 100
120 1.4 2.2 3.2#
236 23.5 19.4 29.2





#77

Benzidine

Concen: 8.172 ng

RT: 20.291 min Scan# 2877

Delta R.T. 0.350 min

Lab File: BG059736.D

Acq: 17 Nov 2023 18:51

Instrument :

BNA_G

ClientSampleId :

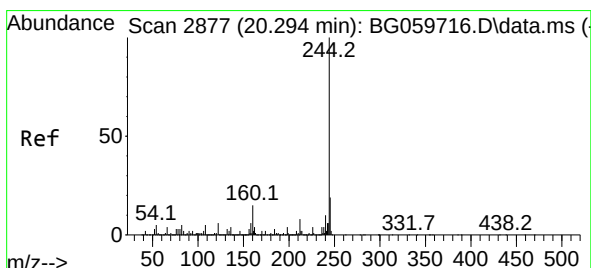
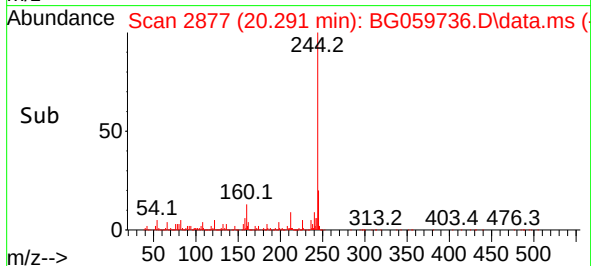
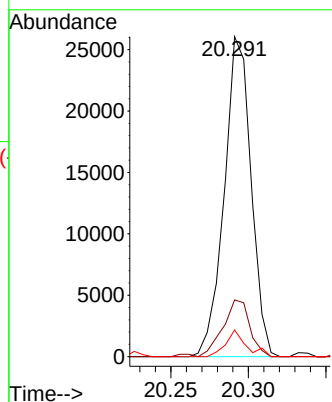
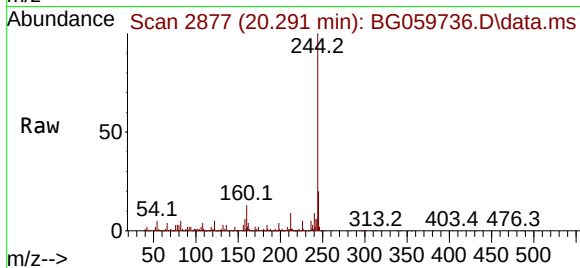
Tgt Ion:184 Resp: 31360

Ion Ratio Lower Upper

184 100

185 17.7 12.2 18.2

183 8.3 8.8 13.2#



#79

Terphenyl-d14

Concen: 99.318 ng

RT: 20.291 min Scan# 2877

Delta R.T. -0.003 min

Lab File: BG059736.D

Acq: 17 Nov 2023 18:51

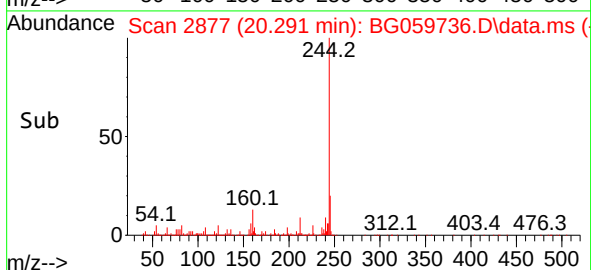
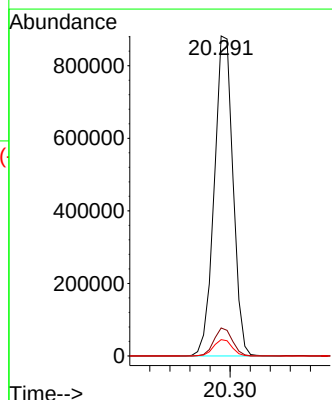
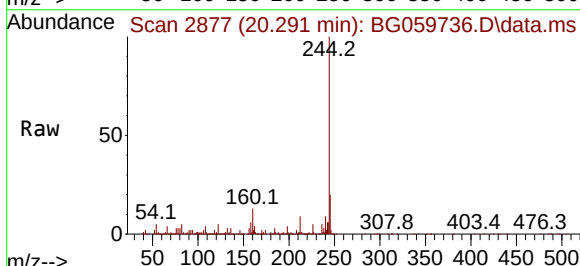
Tgt Ion:244 Resp: 1138626

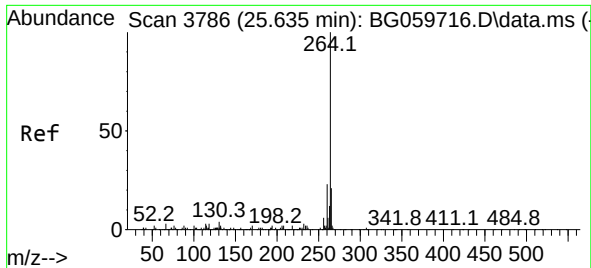
Ion Ratio Lower Upper

244 100

212 8.8 6.6 10.0

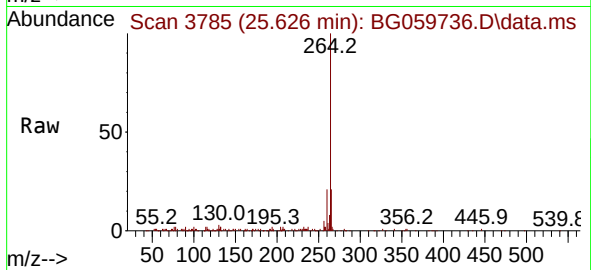
122 5.1 4.4 6.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.626 min Scan# 31
 Delta R.T. -0.009 min
 Lab File: BG059736.D
 Acq: 17 Nov 2023 18:51

Instrument :
 BNA_G
 ClientSampleId :



Tgt Ion:264 Resp: 254446
 Ion Ratio Lower Upper
 264 100
 260 21.2 18.5 27.7
 265 20.9 17.0 25.6

