

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111723\
 Data File : BG059738.D
 Acq On : 17 Nov 2023 20:12
 Operator : MA/JU
 Sample : 05345-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 18 04:19:58 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)

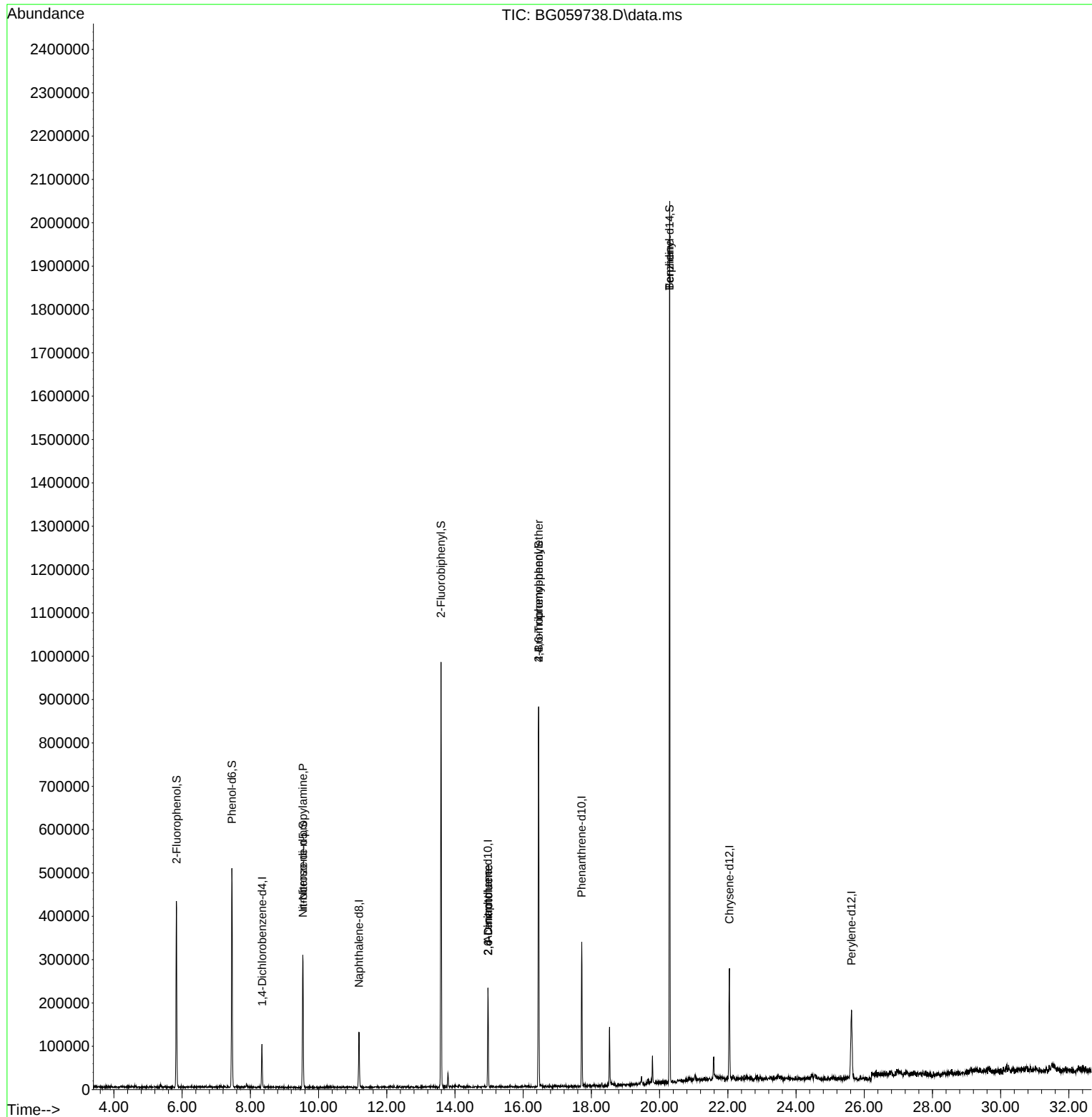
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.345	152	18711	20.000	ng	# 0.00
21) Naphthalene-d8	11.183	136	93104	20.000	ng	#-0.01
39) Acenaphthene-d10	14.966	164	67960	20.000	ng	# 0.00
64) Phenanthrene-d10	17.716	188	175364	20.000	ng	# 0.00
76) Chrysene-d12	22.046	240	157492	20.000	ng	# 0.00
86) Perylene-d12	25.624	264	177104	20.000	ng	#-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.836	112	150224	135.133	ng	0.00
7) Phenol-d6	7.457	99	222714	135.192	ng	0.00
23) Nitrobenzene-d5	9.543	82	188163	77.186	ng	0.00
42) 2,4,6-Tribromophenol	16.453	330	115470	149.749	ng	0.00
45) 2-Fluorobiphenyl	13.591	172	421895	83.562	ng	0.00
79) Terphenyl-d14	20.295	244	860750	80.682	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.537	70	31134	23.999	ng	# 79
51) 2,6-Dinitrotoluene	14.972	165	9729	9.738	ng	# 1
57) 2,4-Dinitrotoluene	14.972	165	9729	6.332	ng	# 3
67) 4-Bromophenyl-phenylether	16.453	248	8725	4.631	ng	# 1
77) Benzidine	20.290	184	25389	7.109	ng	# 85

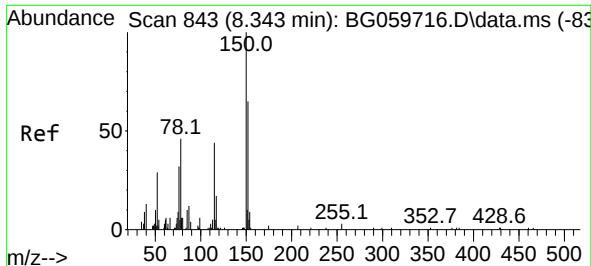
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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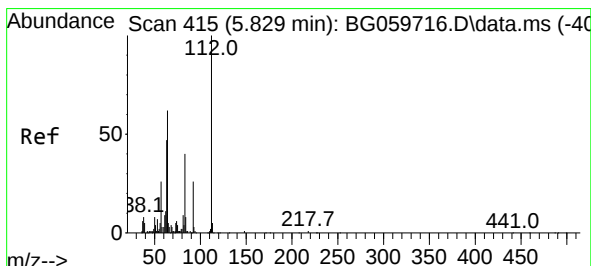
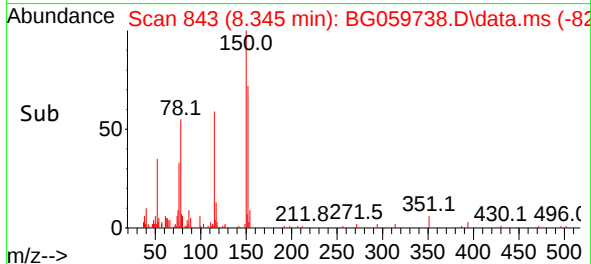
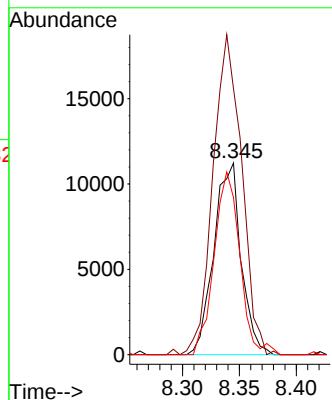
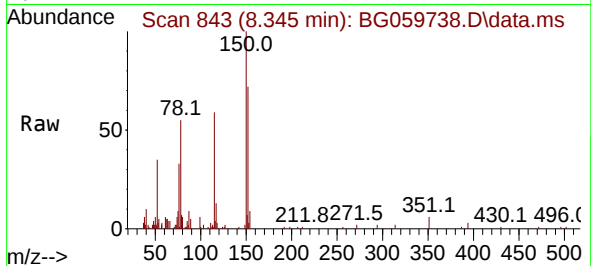




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.345 min Scan# 843
Delta R.T. 0.002 min
Lab File: BG059738.D
Acq: 17 Nov 2023 20:12

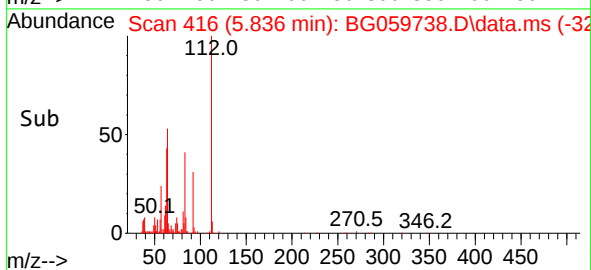
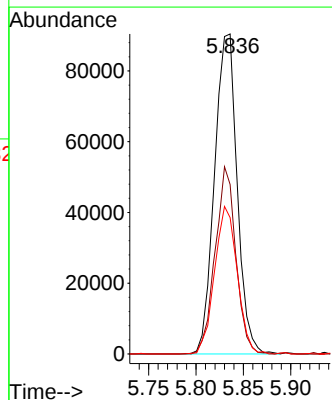
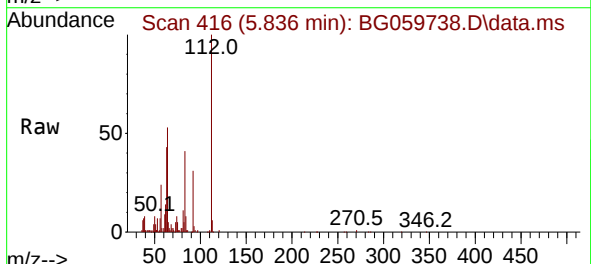
Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 18711
Ion Ratio Lower Upper
152 100
150 138.8 122.2 183.4
115 82.0 54.2 81.4#



#5
2-Fluorophenol
Concen: 135.133 ng
RT: 5.836 min Scan# 416
Delta R.T. 0.007 min
Lab File: BG059738.D
Acq: 17 Nov 2023 20:12

Tgt Ion:112 Resp: 150224
Ion Ratio Lower Upper
112 100
64 52.9 49.5 74.3
63 42.6 37.4 56.2

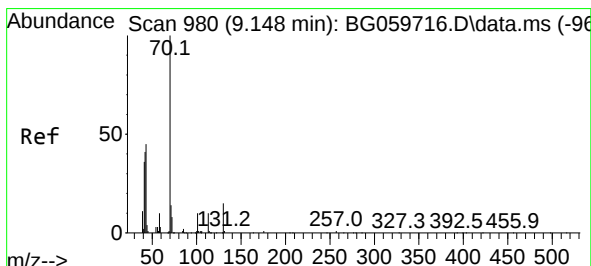
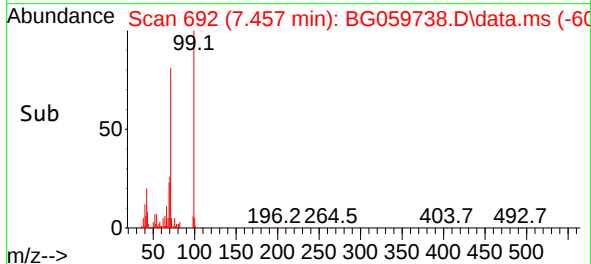
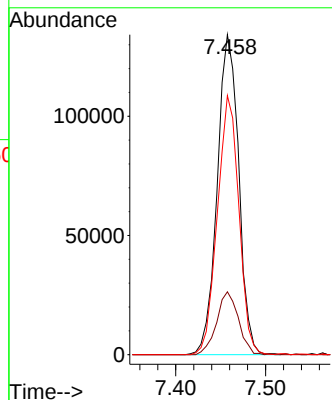
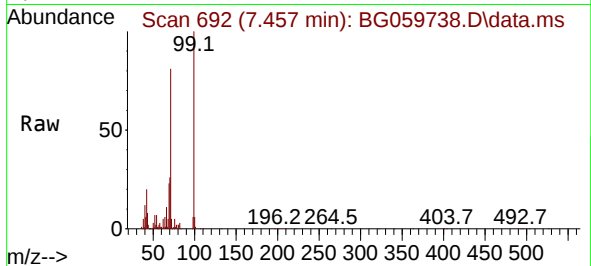




#7
Phenol-d6
Concen: 135.192 ng
RT: 7.457 min Scan# 692
Delta R.T. 0.001 min
Lab File: BG059738.D
Acq: 17 Nov 2023 20:12

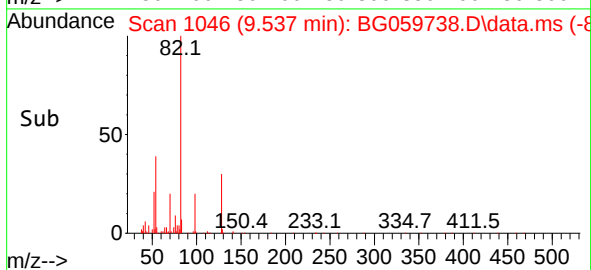
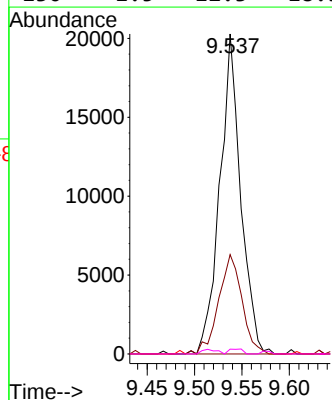
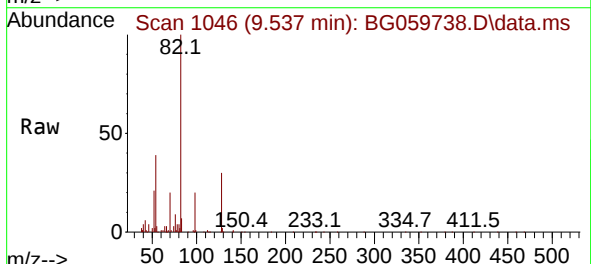
Instrument :
BNA_G
ClientSampleId :

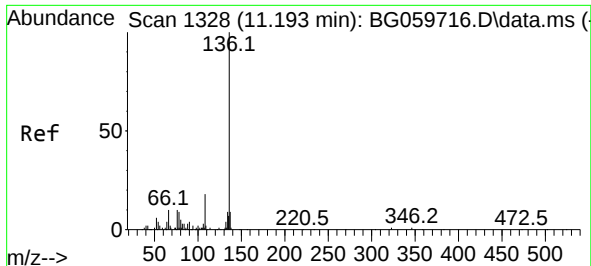
Tgt Ion: 99 Resp: 222714
Ion Ratio Lower Upper
99 100
42 19.7 14.3 21.5
71 80.9 59.3 88.9



#19
n-Nitroso-di-n-propylamine
Concen: 23.999 ng
RT: 9.537 min Scan# 1046
Delta R.T. 0.389 min
Lab File: BG059738.D
Acq: 17 Nov 2023 20:12

Tgt Ion: 70 Resp: 31134
Ion Ratio Lower Upper
70 100
42 31.1 32.8 49.2#
101 0.0 7.7 11.5#
130 1.5 12.3 18.5#

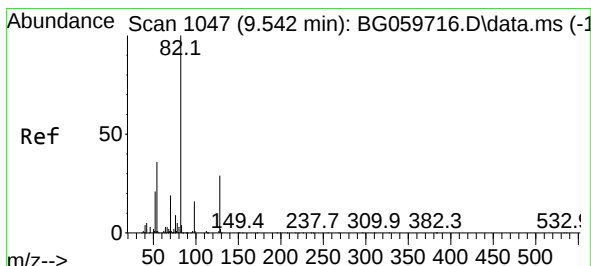
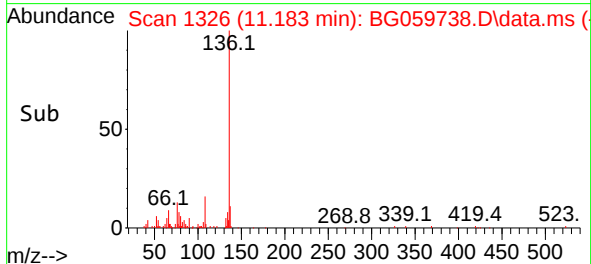
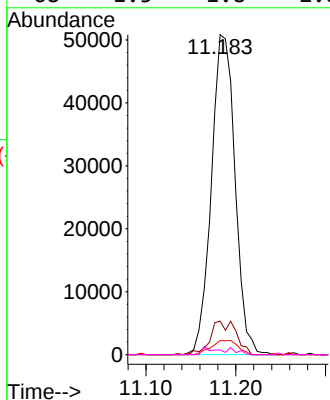
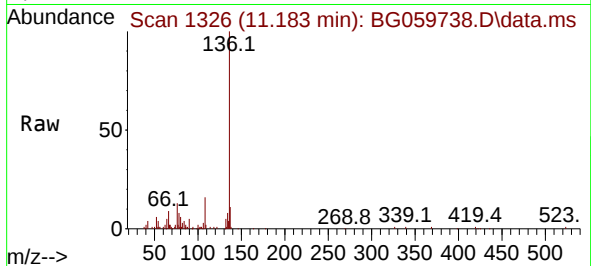




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.183 min Scan# 1118
Delta R.T. -0.010 min
Lab File: BG059738.D
Acq: 17 Nov 2023 20:12

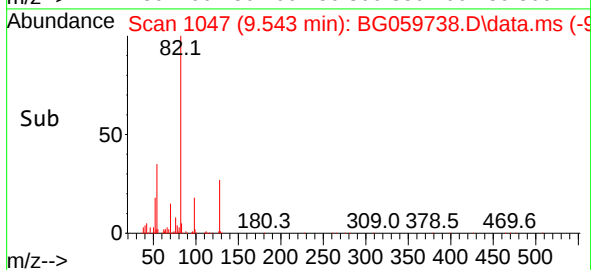
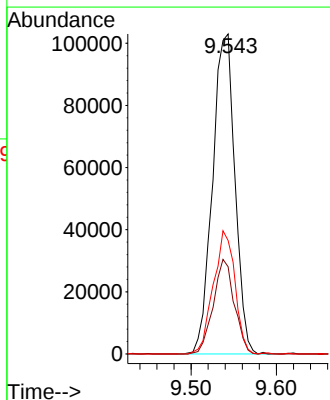
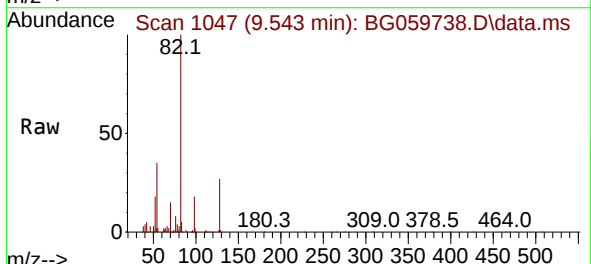
Instrument :
BNA_G
ClientSampleId :

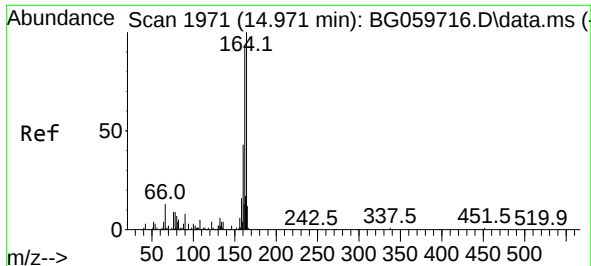
Tgt Ion:136 Resp: 93104
Ion Ratio Lower Upper
136 100
137 10.5 7.4 11.0
54 4.4 3.1 4.7
68 1.5 1.8 2.8#



#23
Nitrobenzene-d5
Concen: 77.186 ng
RT: 9.543 min Scan# 1047
Delta R.T. 0.001 min
Lab File: BG059738.D
Acq: 17 Nov 2023 20:12

Tgt Ion: 82 Resp: 188163
Ion Ratio Lower Upper
82 100
128 27.3 23.0 34.6
54 35.4 28.7 43.1

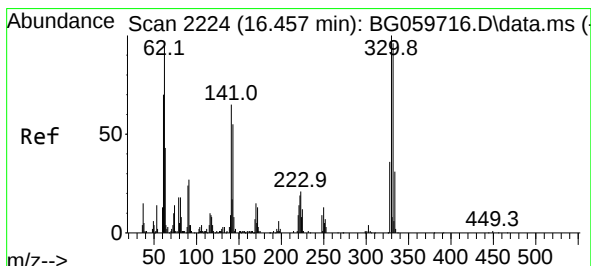
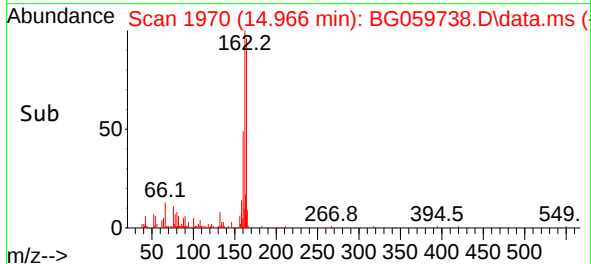
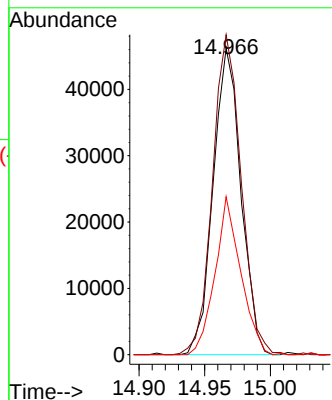
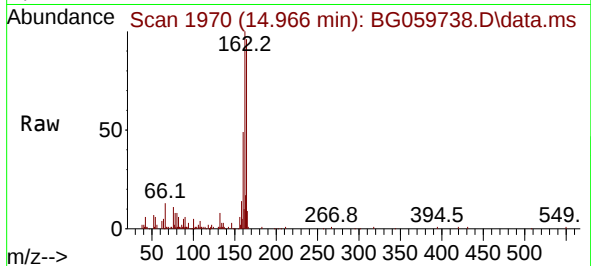




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.966 min Scan# 1971
Delta R.T. -0.005 min
Lab File: BG059738.D
Acq: 17 Nov 2023 20:12

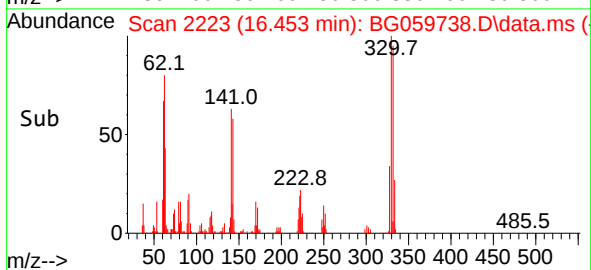
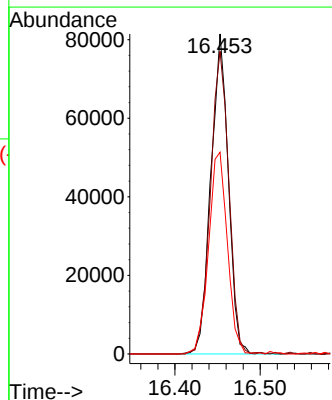
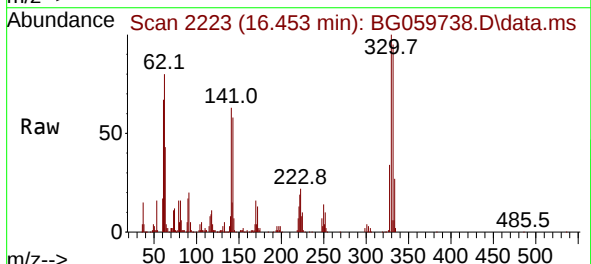
Instrument :
BNA_G
ClientSampleId :

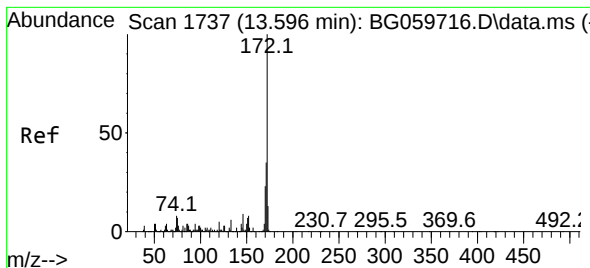
Tgt Ion:164 Resp: 67960
Ion Ratio Lower Upper
164 100
162 104.5 73.3 109.9
160 51.5 34.1 51.1#



#42
2,4,6-Tribromophenol
Concen: 149.749 ng
RT: 16.453 min Scan# 2223
Delta R.T. -0.005 min
Lab File: BG059738.D
Acq: 17 Nov 2023 20:12

Tgt Ion:330 Resp: 115470
Ion Ratio Lower Upper
330 100
332 99.6 73.3 109.9
141 68.0 52.1 78.1





#45

2-Fluorobiphenyl

Concen: 83.562 ng

RT: 13.591 min Scan# 1

Delta R.T. -0.005 min

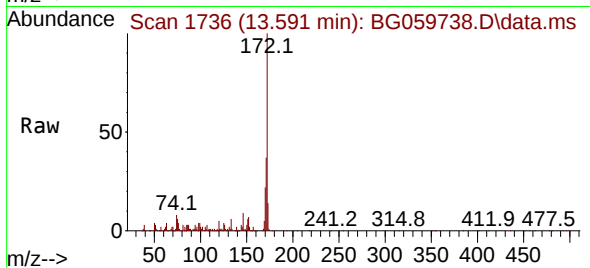
Lab File: BG059738.D

Acq: 17 Nov 2023 20:12

Instrument :

BNA_G

ClientSampleId :



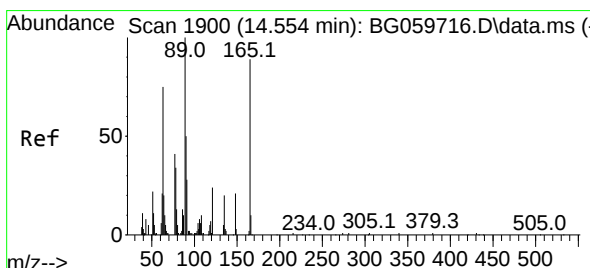
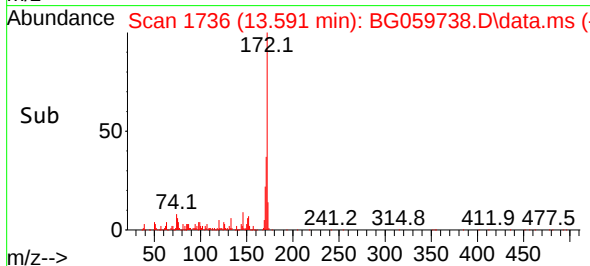
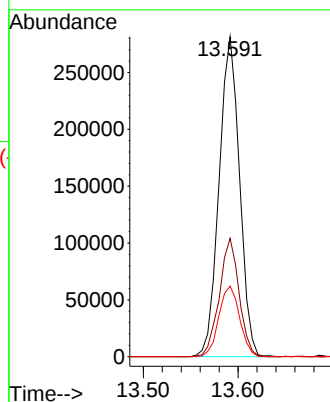
Tgt Ion:172 Resp: 421895

Ion Ratio Lower Upper

172 100

171 37.0 27.7 41.5

170 22.1 18.4 27.6



#51

2,6-Dinitrotoluene

Concen: 9.738 ng

RT: 14.972 min Scan# 1971

Delta R.T. 0.418 min

Lab File: BG059738.D

Acq: 17 Nov 2023 20:12

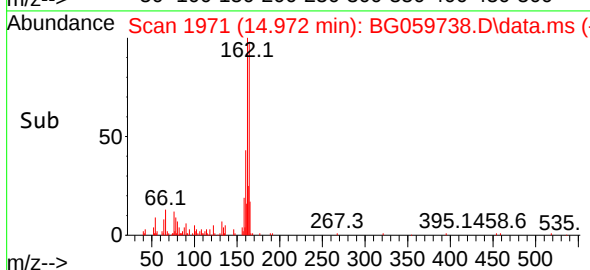
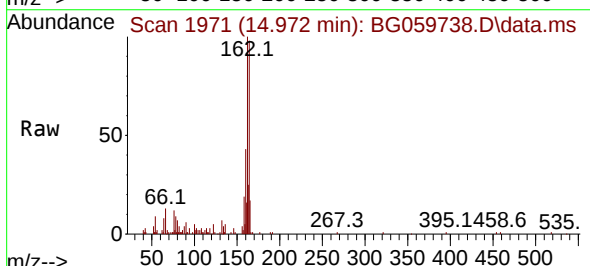
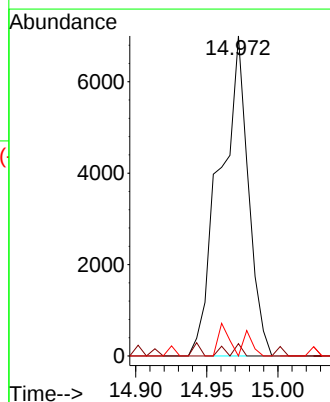
Tgt Ion:165 Resp: 9729

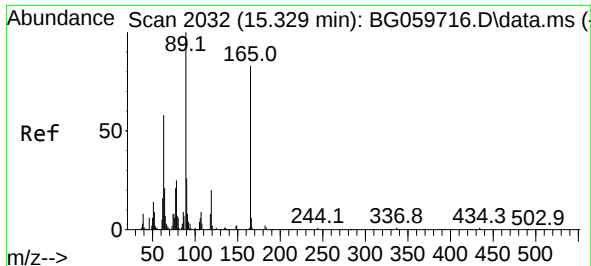
Ion Ratio Lower Upper

165 100

63 3.9 75.3 112.9#

89 0.0 90.9 136.3#





#57

2,4-Dinitrotoluene

Concen: 6.332 ng

RT: 14.972 min Scan# 1971

Delta R.T. -0.357 min

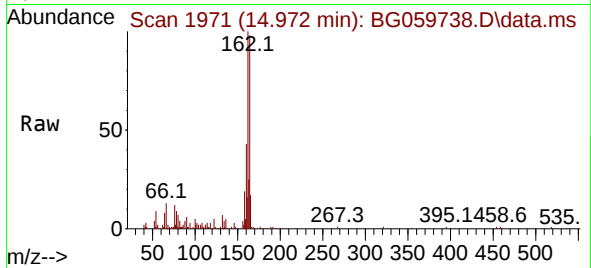
Lab File: BG059738.D

Acq: 17 Nov 2023 20:12

Instrument :

BNA_G

ClientSampleId :



Tgt Ion:165 Resp: 9729

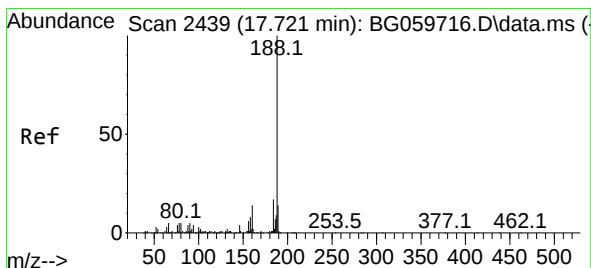
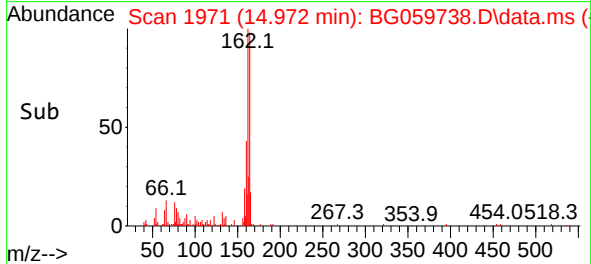
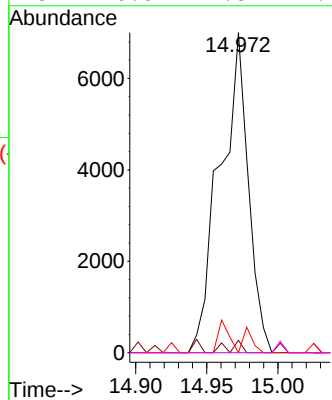
Ion Ratio Lower Upper

165 100

63 3.9 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: 17.716 min Scan# 2438

Delta R.T. -0.005 min

Lab File: BG059738.D

Acq: 17 Nov 2023 20:12

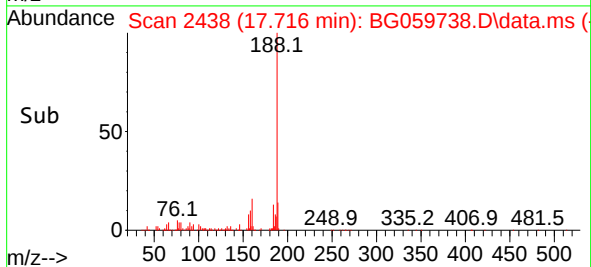
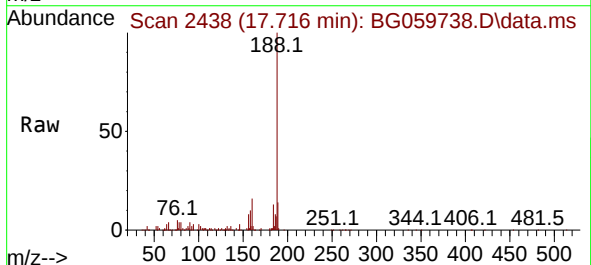
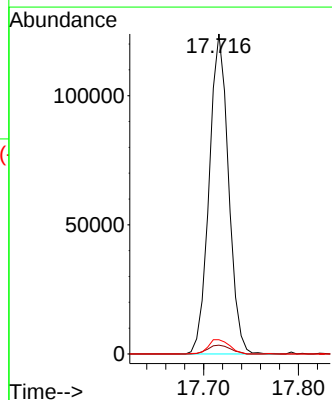
Tgt Ion:188 Resp: 175364

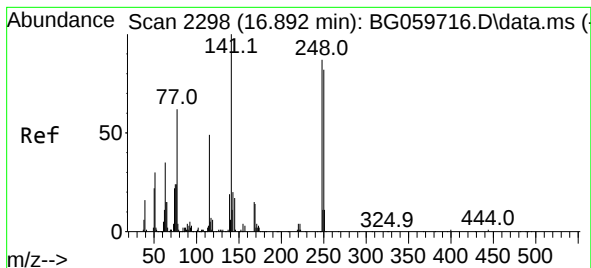
Ion Ratio Lower Upper

188 100

94 2.7 3.0 4.4#

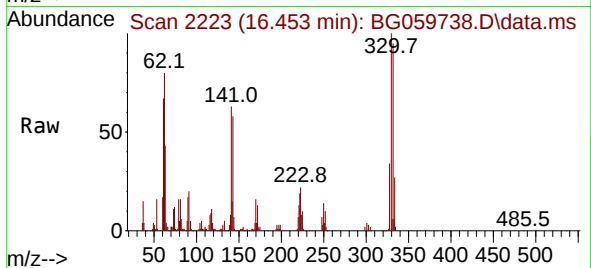
80 4.5 4.2 6.4



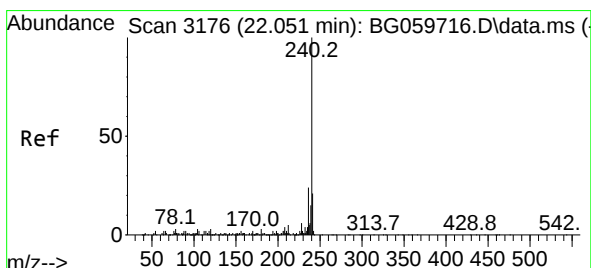
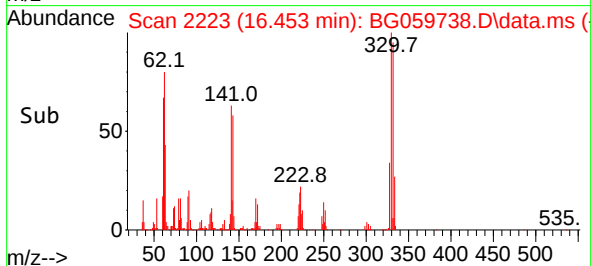
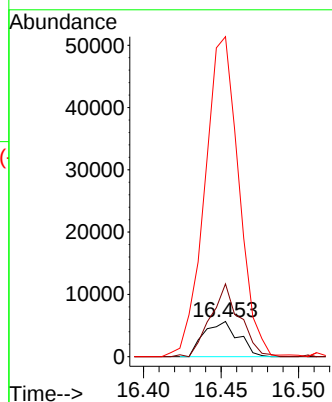


#67
4-Bromophenyl-phenylether
Concen: 4.631 ng
RT: 16.453 min Scan# 21
Delta R.T. -0.439 min
Lab File: BG059738.D
Acq: 17 Nov 2023 20:12

Instrument :
BNA_G
ClientSampleId :

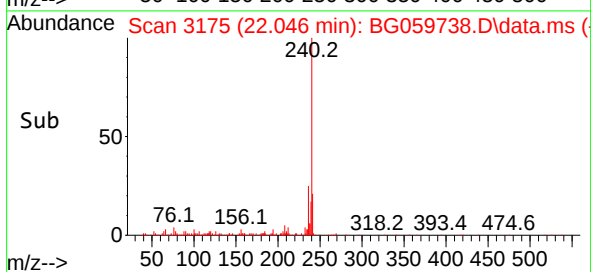
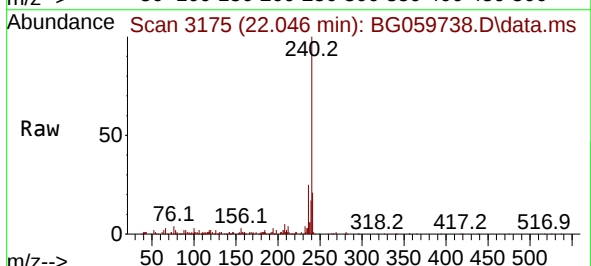
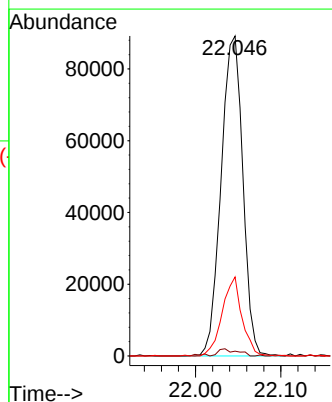


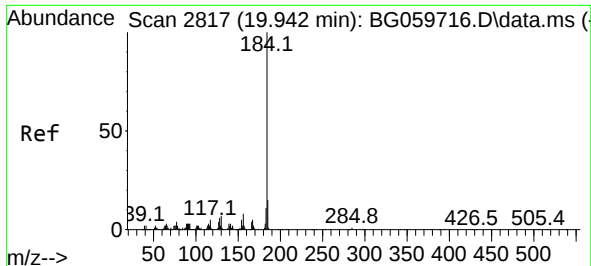
Tgt Ion:248 Resp: 8725
Ion Ratio Lower Upper
248 100
250 139.4 75.2 112.8#
141 612.6 91.5 137.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.046 min Scan# 3175
Delta R.T. -0.005 min
Lab File: BG059738.D
Acq: 17 Nov 2023 20:12

Tgt Ion:240 Resp: 157492
Ion Ratio Lower Upper
240 100
120 1.5 2.2 3.2#
236 24.7 19.4 29.2

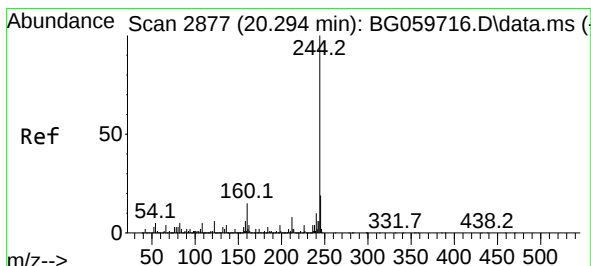
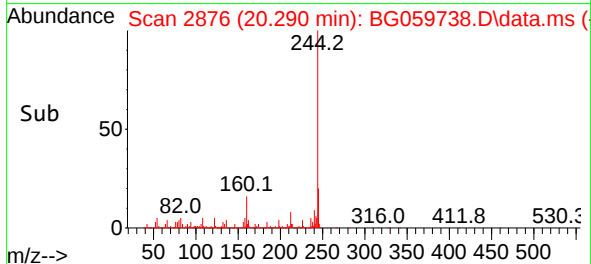
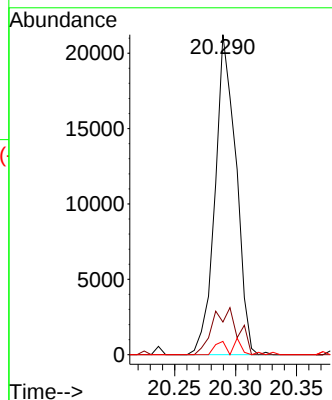
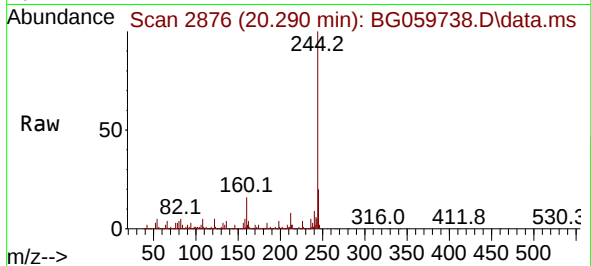




#77
Benzidine
Concen: 7.109 ng
RT: 20.290 min Scan# 2817
Delta R.T. 0.348 min
Lab File: BG059738.D
Acq: 17 Nov 2023 20:12

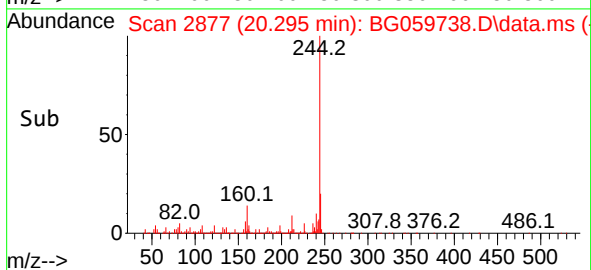
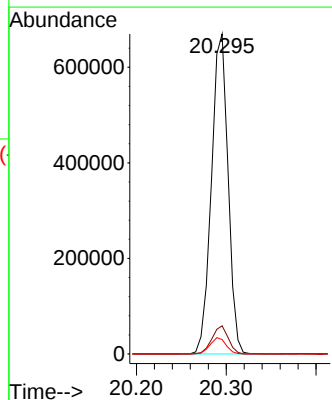
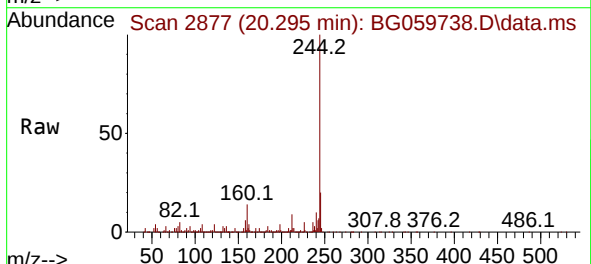
Instrument :
BNA_G
ClientSampleId :

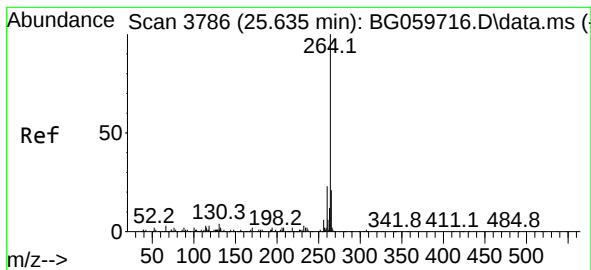
Tgt Ion:184 Resp: 25389
Ion Ratio Lower Upper
184 100
185 10.2 12.2 18.2#
183 4.1 8.8 13.2#



#79
Terphenyl-d14
Concen: 80.682 ng
RT: 20.295 min Scan# 2877
Delta R.T. 0.001 min
Lab File: BG059738.D
Acq: 17 Nov 2023 20:12

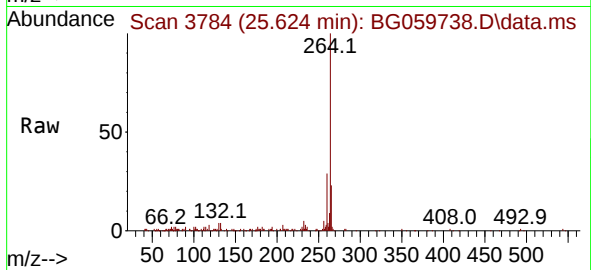
Tgt Ion:244 Resp: 860750
Ion Ratio Lower Upper
244 100
212 8.8 6.6 10.0
122 4.5 4.4 6.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.624 min Scan# 31
 Delta R.T. -0.010 min
 Lab File: BG059738.D
 Acq: 17 Nov 2023 20:12

Instrument :
 BNA_G
 ClientSampleId :



Tgt Ion:264 Resp: 177104
 Ion Ratio Lower Upper
 264 100
 260 28.6 18.5 27.7#
 265 22.9 17.0 25.6

