

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121523\
 Data File : BG060059.D
 Acq On : 16 Dec 2023 7:23
 Operator : MA/JU
 Sample : 05688-02
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PMW-1

Quant Time: Dec 18 00:10:59 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 14 01:47:12 2023
 Response via : Initial Calibration

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

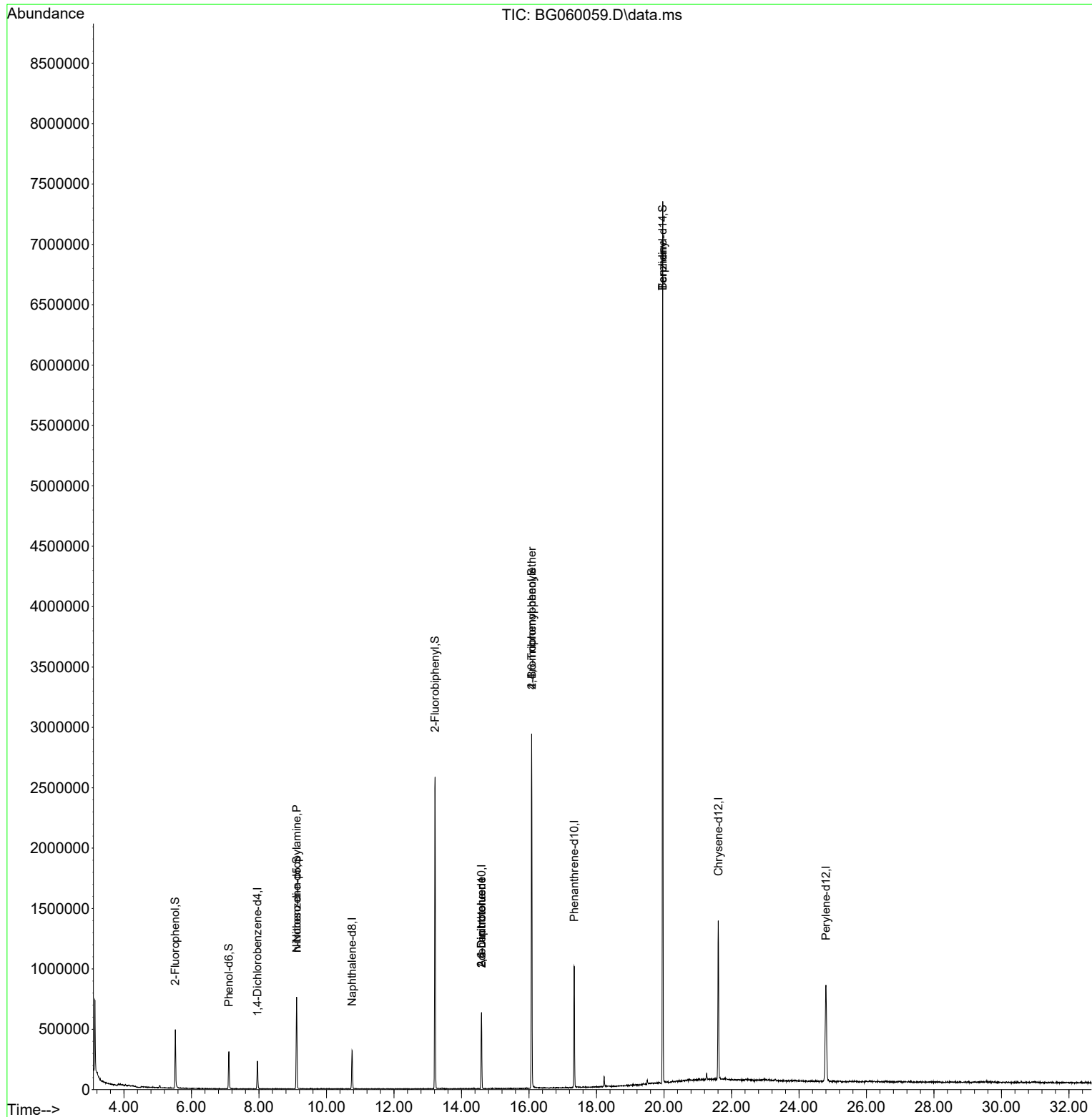
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.954	152	61605	20.000	ng	0.00
21) Naphthalene-d8	10.757	136	261688	20.000	ng	# 0.00
39) Acenaphthene-d10	14.593	164	223829	20.000	ng	0.00
64) Phenanthrene-d10	17.337	188	716276	20.000	ng	0.00
76) Chrysene-d12	21.608	240	859988	20.000	ng	0.00
86) Perylene-d12	24.799	264	998364	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.521	112	186059	51.701	ng	0.00
7) Phenol-d6	7.108	99	161476	31.898	ng	0.00
23) Nitrobenzene-d5	9.117	82	443778	77.005	ng	0.00
42) 2,4,6-Tribromophenol	16.080	330	687686	131.835	ng	0.00
45) 2-Fluorobiphenyl	13.218	172	1427501	78.056	ng	0.00
79) Terphenyl-d14	19.963	244	3731967	79.228	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.117	70	61941	18.965	ng	# 76
51) 2,6-Dinitrotoluene	14.593	165	31487	8.749	ng	# 25
57) 2,4-Dinitrotoluene	14.593	165	31487	6.224	ng	# 28
67) 4-Bromophenyl-phenylether	16.080	248	41442	4.101	ng	# 1
69) Atrazine	16.814	200	62	Below Cal		# 34
77) Benzidine	19.963	184	61469	5.565	ng	# 92

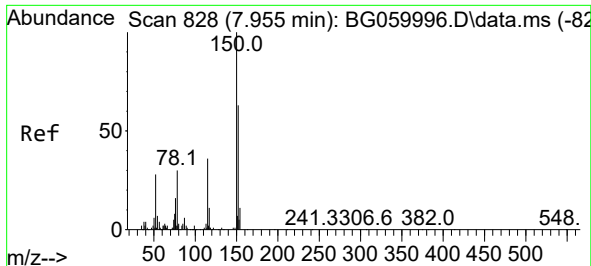
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121523\
Data File : BG060059.D
Acq On : 16 Dec 2023 7:23
Operator : MA/JU
Sample : 05688-02
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PMW-1

Quant Time: Dec 18 00:10:59 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 18 01:47:12 2023
Response via : Initial Calibration

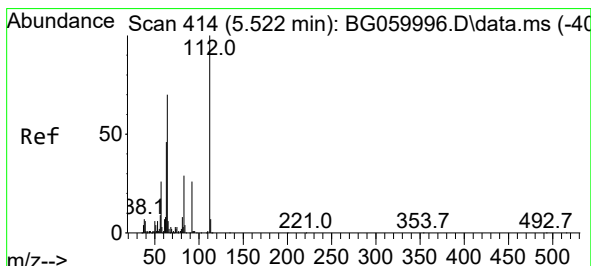
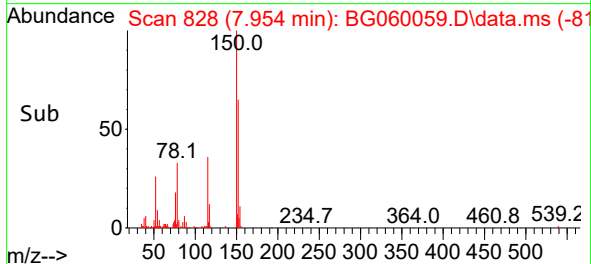
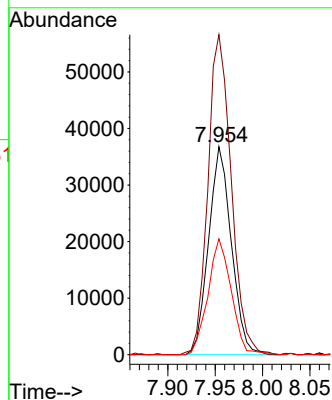
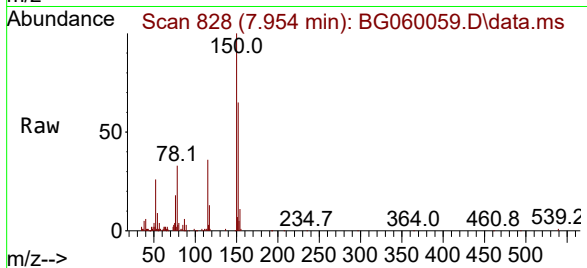




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.954 min Scan# 81
Delta R.T. -0.001 min
Lab File: BG060059.D
Acq: 16 Dec 2023 7:23

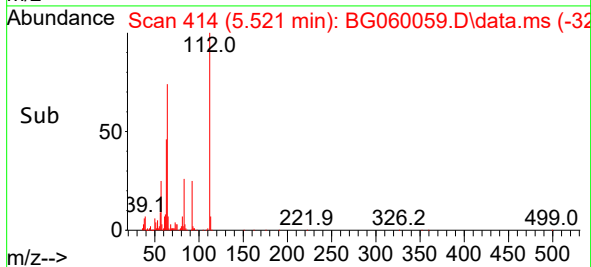
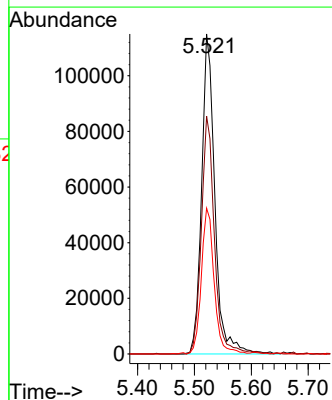
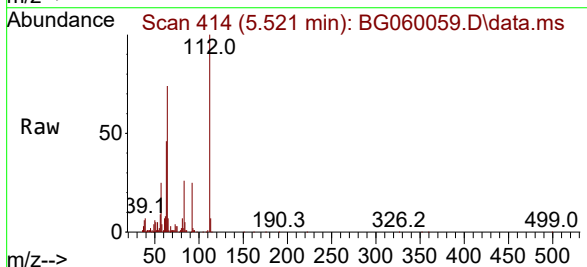
Instrument :
BNA_G
ClientSampleId :
PMW-1

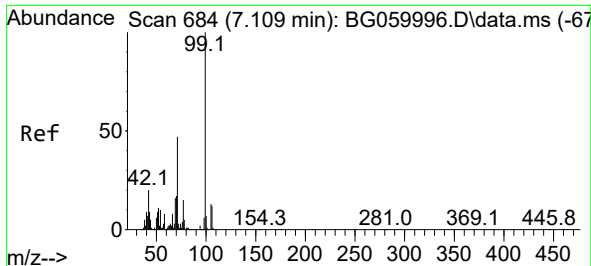
Tgt Ion:152 Resp: 61605
Ion Ratio Lower Upper
152 100
150 153.9 127.0 190.6
115 55.7 45.7 68.5



#5
2-Fluorophenol
Concen: 51.701 ng
RT: 5.521 min Scan# 414
Delta R.T. -0.001 min
Lab File: BG060059.D
Acq: 16 Dec 2023 7:23

Tgt Ion:112 Resp: 186059
Ion Ratio Lower Upper
112 100
64 74.3 55.9 83.9
63 45.6 36.5 54.7

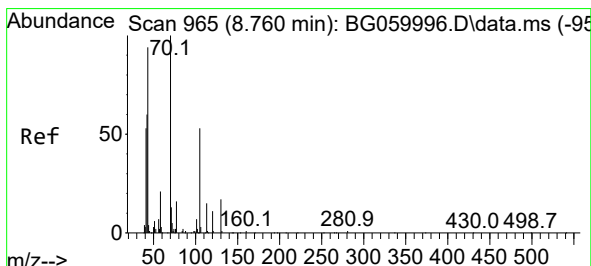
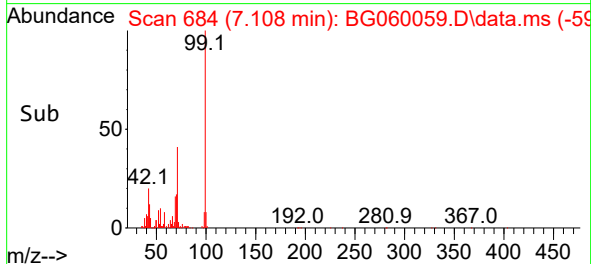
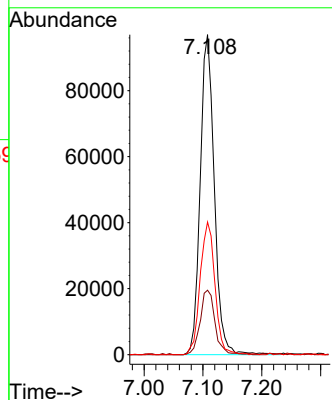
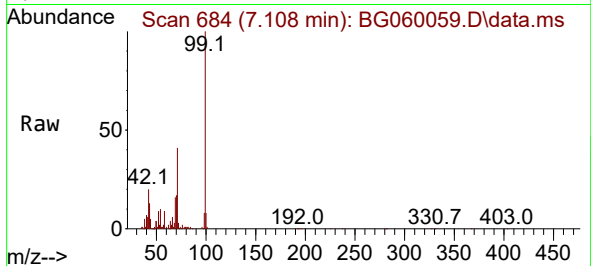




#7
Phenol-d6
Concen: 31.898 ng
RT: 7.108 min Scan# 61
Delta R.T. -0.001 min
Lab File: BG060059.D
Acq: 16 Dec 2023 7:23

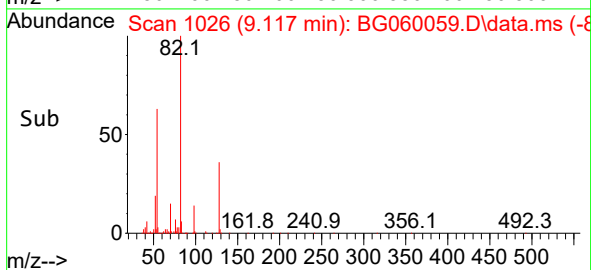
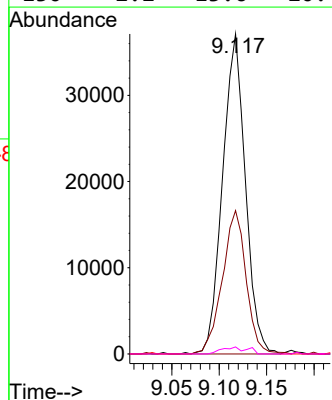
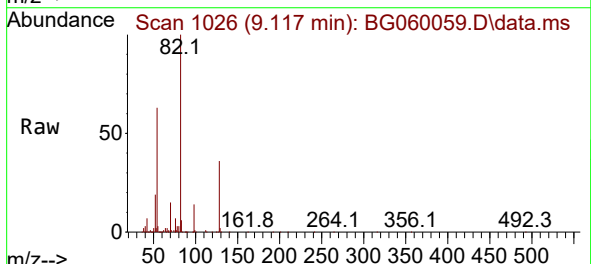
Instrument :
BNA_G
ClientSampleId :
PMW-1

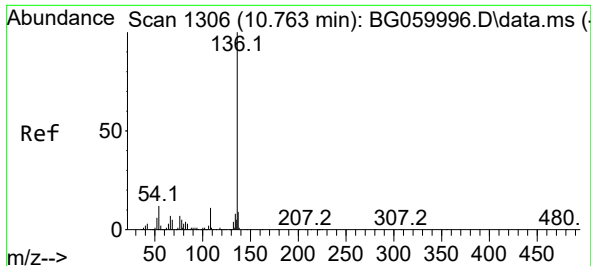
Tgt Ion: 99 Resp: 161476
Ion Ratio Lower Upper
99 100
42 20.2 16.2 24.4
71 41.5 37.6 56.4



#19
n-Nitroso-di-n-propylamine
Concen: 18.965 ng
RT: 9.117 min Scan# 1026
Delta R.T. 0.357 min
Lab File: BG060059.D
Acq: 16 Dec 2023 7:23

Tgt Ion: 70 Resp: 61941
Ion Ratio Lower Upper
70 100
42 44.8 48.6 73.0#
101 0.0 5.7 8.5#
130 2.2 13.6 20.4#

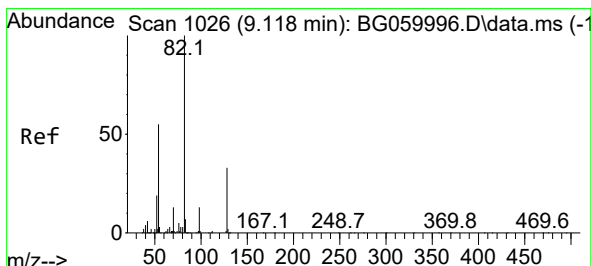
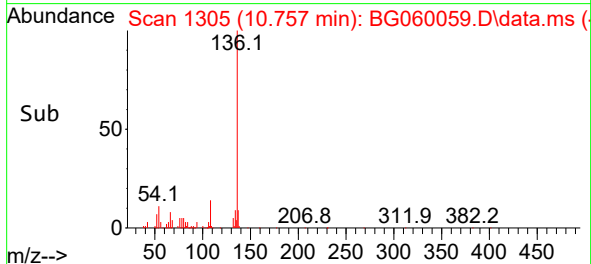
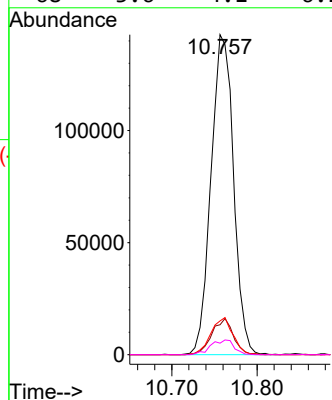
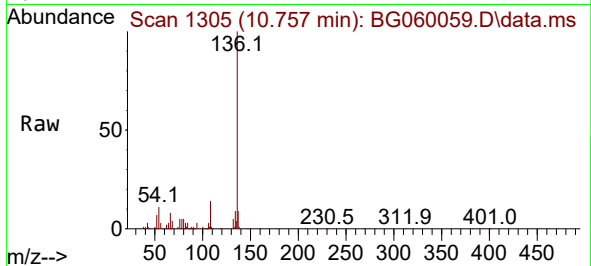




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.757 min Scan# 1305
Delta R.T. -0.007 min
Lab File: BG060059.D
Acq: 16 Dec 2023 7:23

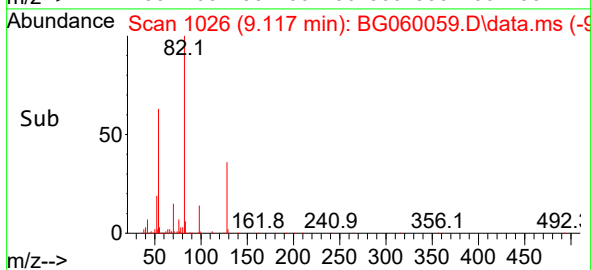
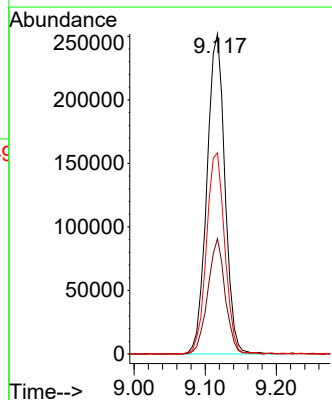
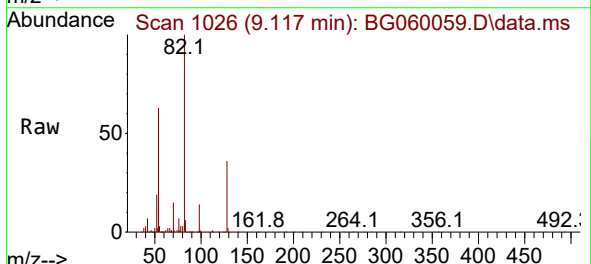
Instrument :
BNA_G
ClientSampleId :
PMW-1

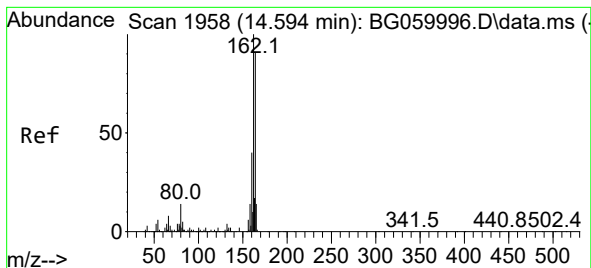
Tgt Ion:	136	Resp:	261688
Ion Ratio	Lower	Upper	
136	100		
137	9.4	7.3	10.9
54	10.5	9.6	14.4
68	3.6	4.1	6.1



#23
Nitrobenzene-d5
Concen: 77.005 ng
RT: 9.117 min Scan# 1026
Delta R.T. -0.001 min
Lab File: BG060059.D
Acq: 16 Dec 2023 7:23

Tgt Ion:	82	Resp:	443778
Ion Ratio	Lower	Upper	
82	100		
128	36.1	26.3	39.5
54	62.9	44.3	66.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.593 min Scan# 1958

Delta R.T. -0.001 min

Lab File: BG060059.D

Acq: 16 Dec 2023 7:23

Instrument :

BNA_G

ClientSampleId :

PMW-1

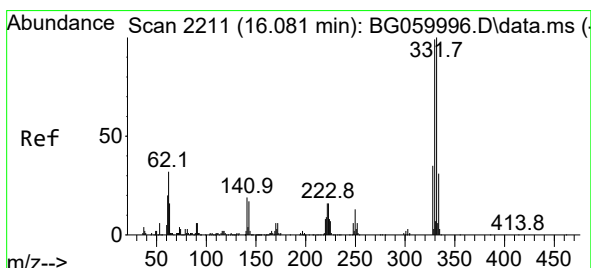
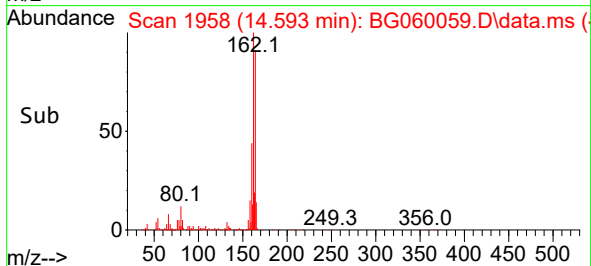
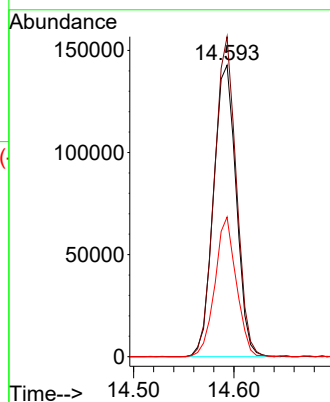
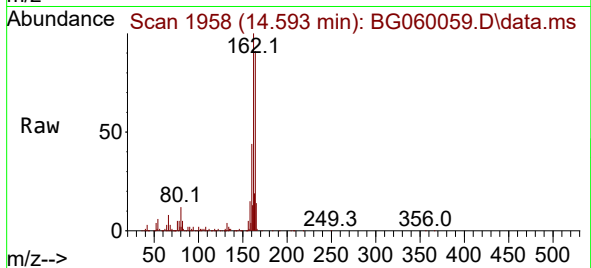
Tgt Ion:164 Resp: 223829

Ion Ratio Lower Upper

164 100

162 109.8 88.1 132.1

160 47.9 35.4 53.0



#42

2,4,6-Tribromophenol

Concen: 131.835 ng

RT: 16.080 min Scan# 2211

Delta R.T. -0.001 min

Lab File: BG060059.D

Acq: 16 Dec 2023 7:23

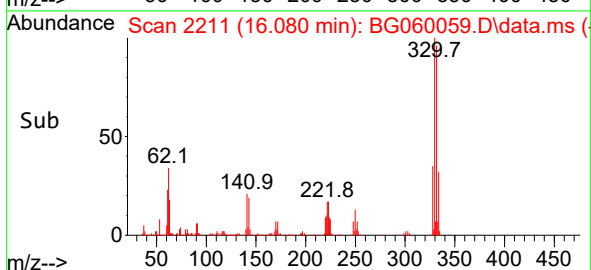
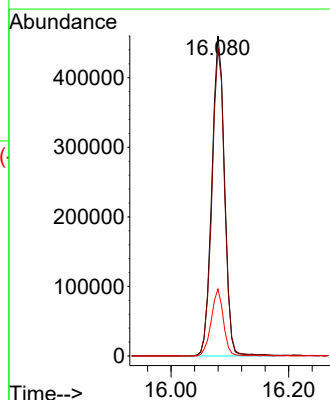
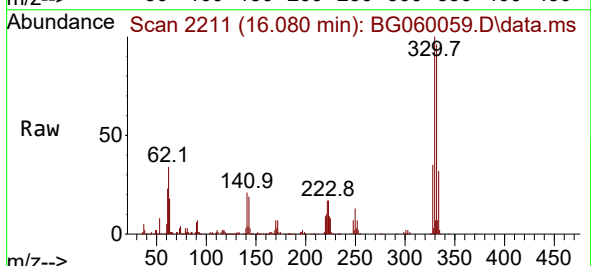
Tgt Ion:330 Resp: 687686

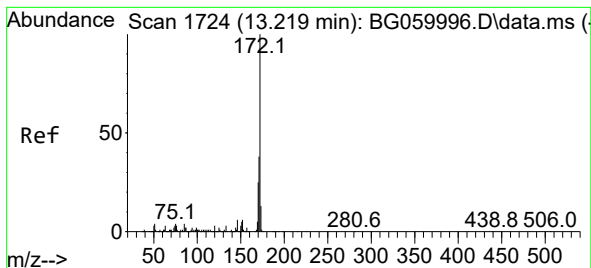
Ion Ratio Lower Upper

330 100

332 96.1 76.2 114.4

141 20.1 14.3 21.5





#45

2-Fluorobiphenyl

Concen: 78.056 ng

RT: 13.218 min Scan# 1

Delta R.T. -0.001 min

Lab File: BG060059.D

Acq: 16 Dec 2023 7:23

Instrument :

BNA_G

ClientSampleId :

PMW-1

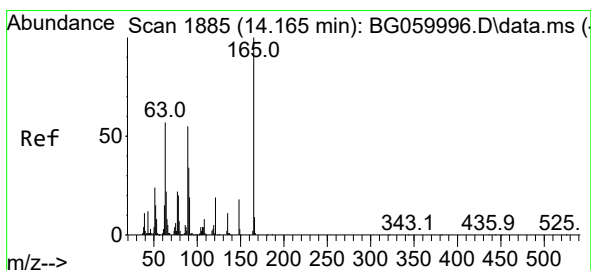
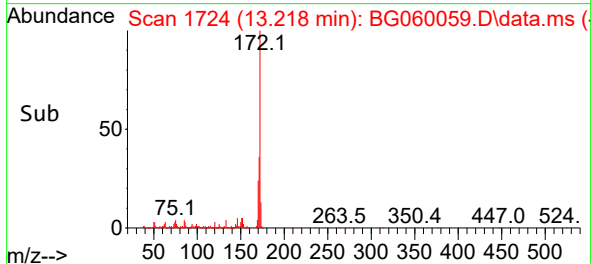
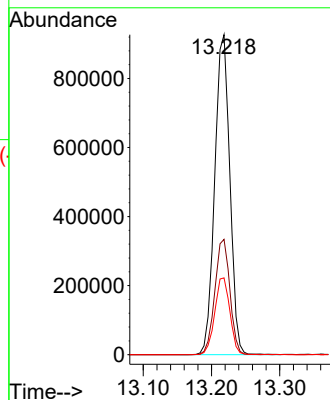
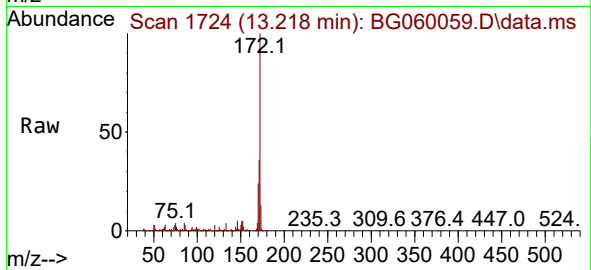
Tgt Ion:172 Resp: 1427501

Ion Ratio Lower Upper

172 100

171 36.1 30.1 45.1

170 24.0 20.0 30.0



#51

2,6-Dinitrotoluene

Concen: 8.749 ng

RT: 14.593 min Scan# 1958

Delta R.T. 0.428 min

Lab File: BG060059.D

Acq: 16 Dec 2023 7:23

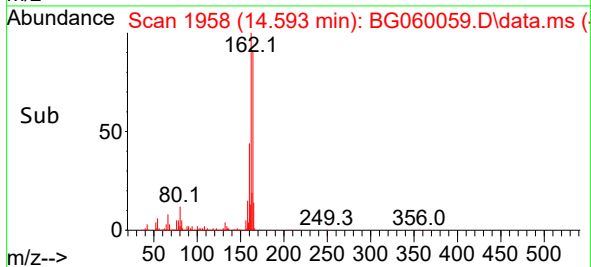
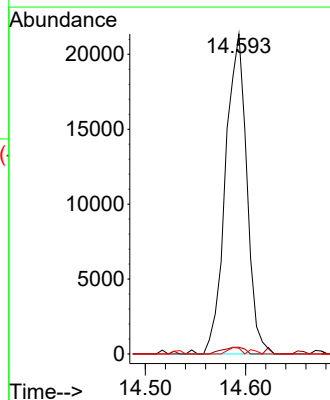
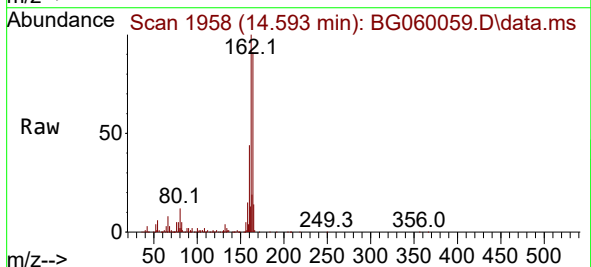
Tgt Ion:165 Resp: 31487

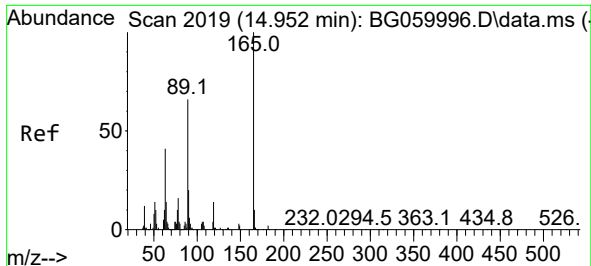
Ion Ratio Lower Upper

165 100

63 2.1 48.2 72.2#

89 1.8 44.4 66.6#

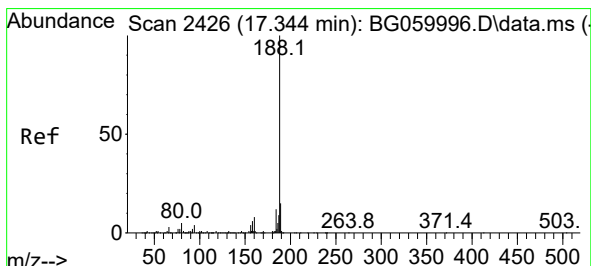
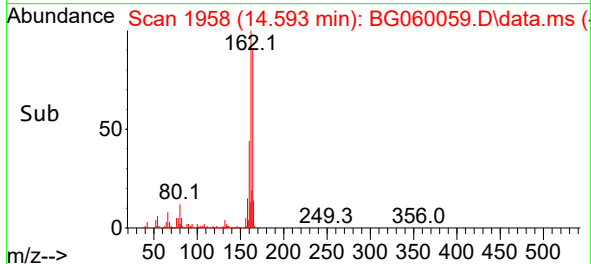
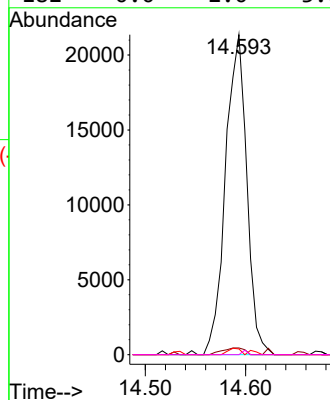
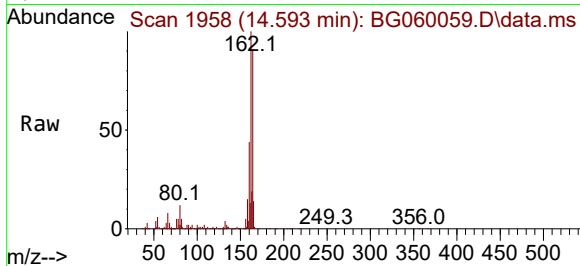




#57
2,4-Dinitrotoluene
Concen: 6.224 ng
RT: 14.593 min Scan# 1958
Delta R.T. -0.359 min
Lab File: BG060059.D
Acq: 16 Dec 2023 7:23

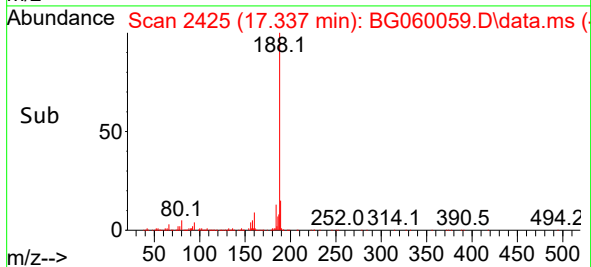
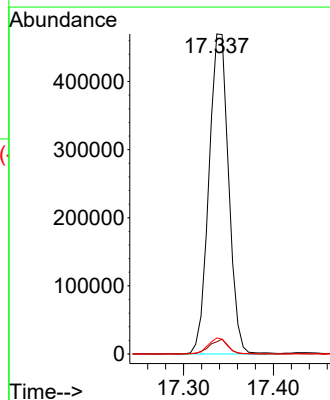
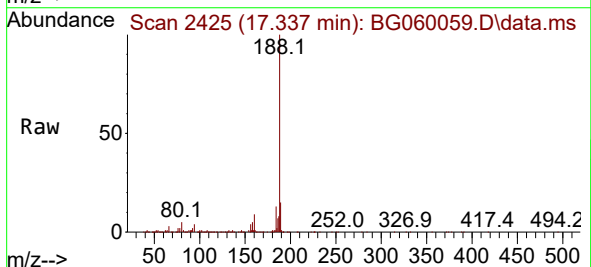
Instrument :
BNA_G
ClientSampleId :
PMW-1

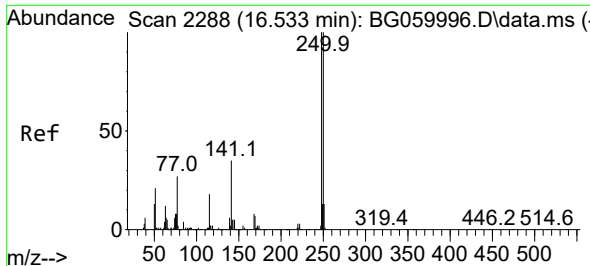
Tgt Ion:165 Resp: 31487
Ion Ratio Lower Upper
165 100
63 2.1 32.8 49.2#
89 1.8 53.0 79.6#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.337 min Scan# 2425
Delta R.T. -0.007 min
Lab File: BG060059.D
Acq: 16 Dec 2023 7:23

Tgt Ion:188 Resp: 716276
Ion Ratio Lower Upper
188 100
94 3.8 3.0 4.6
80 5.0 4.0 6.0

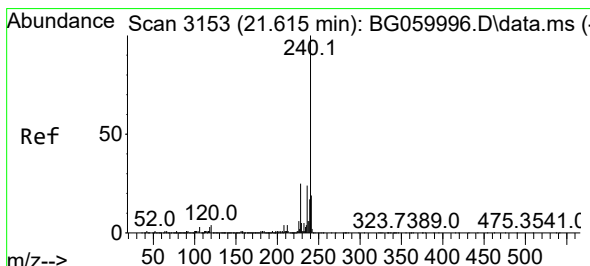
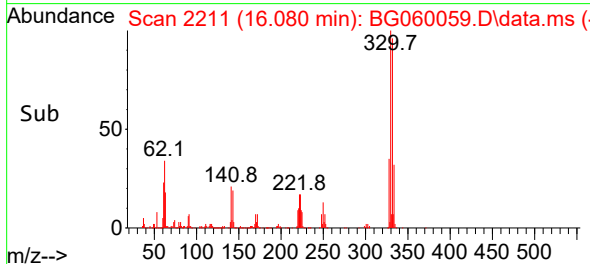
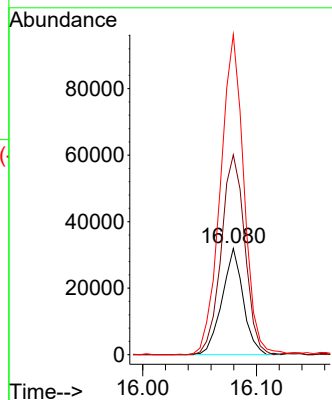
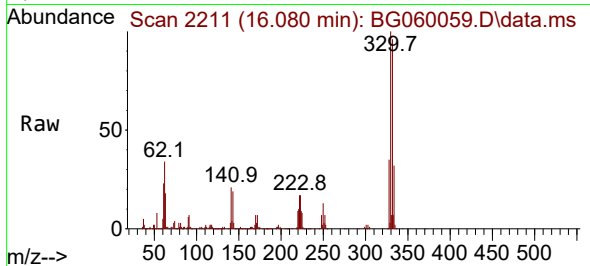




#67
4-Bromophenyl-phenylether
Concen: 4.101 ng
RT: 16.080 min Scan# 21
Delta R.T. -0.453 min
Lab File: BG060059.D
Acq: 16 Dec 2023 7:23

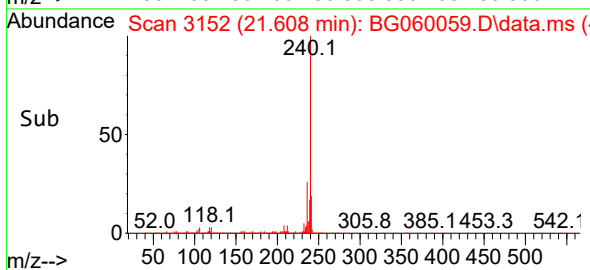
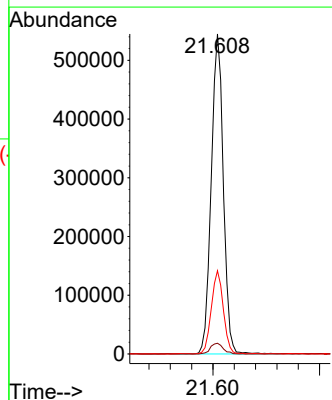
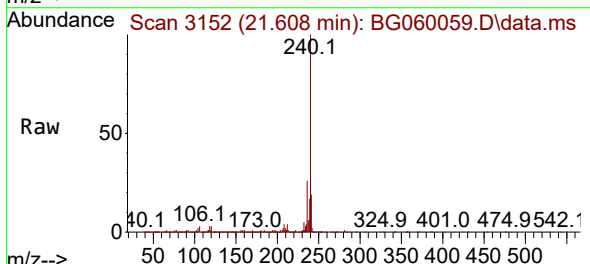
Instrument :
BNA_G
ClientSampleId :
PMW-1

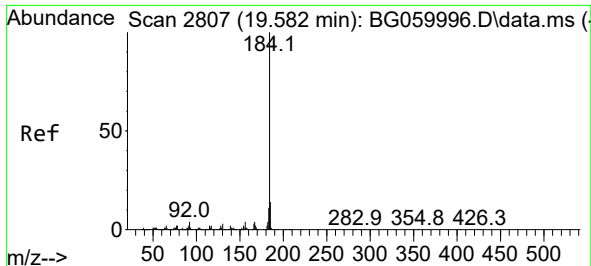
Tgt Ion:248 Resp: 41442
Ion Ratio Lower Upper
248 100
250 188.0 79.9 119.9#
141 301.1 28.3 42.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.608 min Scan# 3152
Delta R.T. -0.007 min
Lab File: BG060059.D
Acq: 16 Dec 2023 7:23

Tgt Ion:240 Resp: 859988
Ion Ratio Lower Upper
240 100
120 3.3 2.9 4.3
236 26.0 19.4 29.2

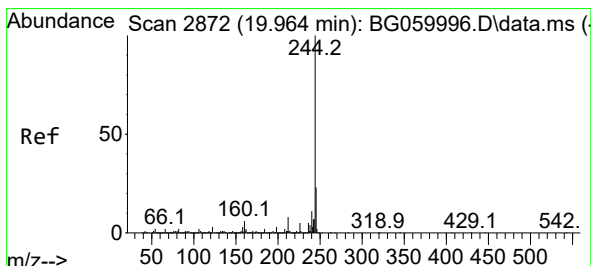
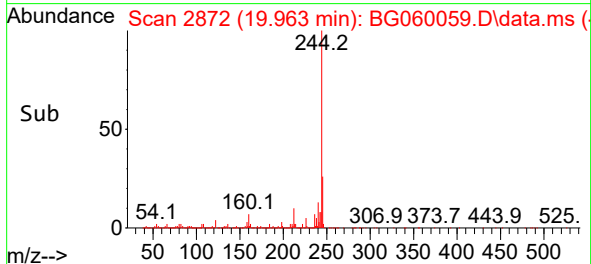
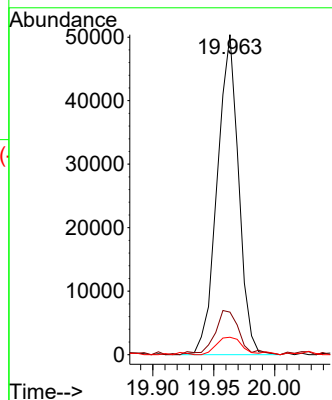
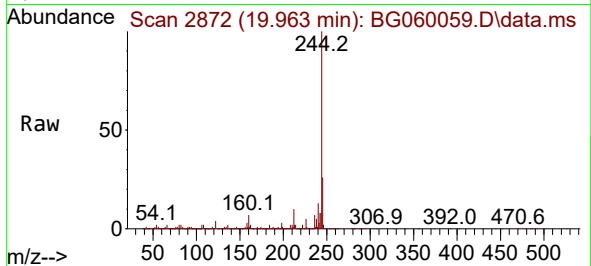




#77
Benzidine
Concen: 5.565 ng
RT: 19.963 min Scan# 2872
Delta R.T. 0.381 min
Lab File: BG060059.D
Acq: 16 Dec 2023 7:23

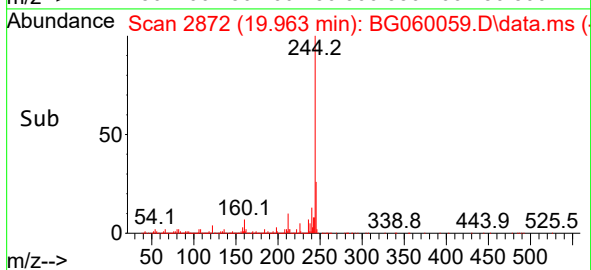
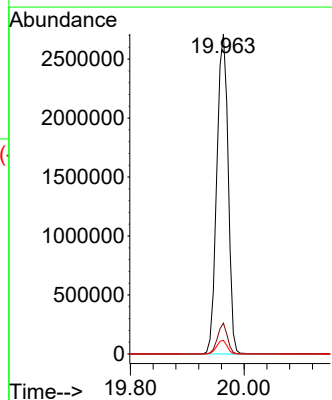
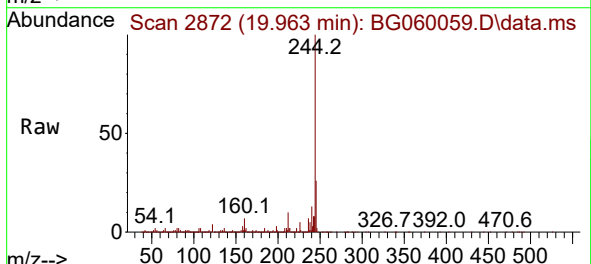
Instrument :
BNA_G
ClientSampleId :
PMW-1

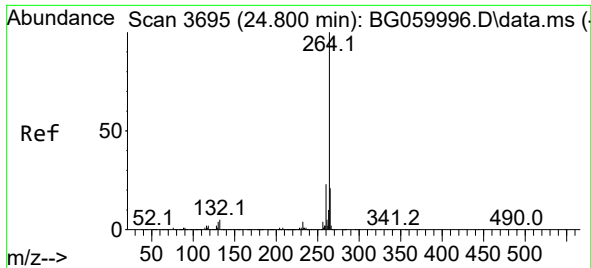
Tgt Ion:184 Resp: 61469
Ion Ratio Lower Upper
184 100
185 13.3 11.1 16.7
183 5.5 9.0 13.4#



#79
Terphenyl-d14
Concen: 79.228 ng
RT: 19.963 min Scan# 2872
Delta R.T. -0.001 min
Lab File: BG060059.D
Acq: 16 Dec 2023 7:23

Tgt Ion:244 Resp: 3731967
Ion Ratio Lower Upper
244 100
212 9.6 6.8 10.2
122 4.3 2.6 3.8#





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.799 min Scan# 30

Delta R.T. -0.001 min

Lab File: BG060059.D

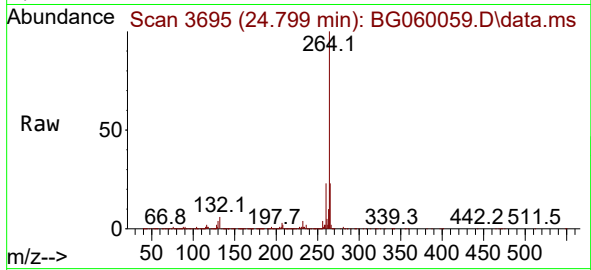
Acq: 16 Dec 2023 7:23

Instrument :

BNA_G

ClientSampleId :

PMW-1



Tgt Ion:264 Resp: 998364

Ion Ratio Lower Upper

264 100

260 22.8 18.5 27.7

265 22.6 17.3 25.9

