

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080723\
 Data File : BG058627.D
 Acq On : 7 Aug 2023 14:57
 Operator : MA/JU
 Sample : 03831-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-19-20230727

Quant Time: Aug 07 15:48:38 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 28 22:29:07 2023
 Response via : Initial Calibration

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

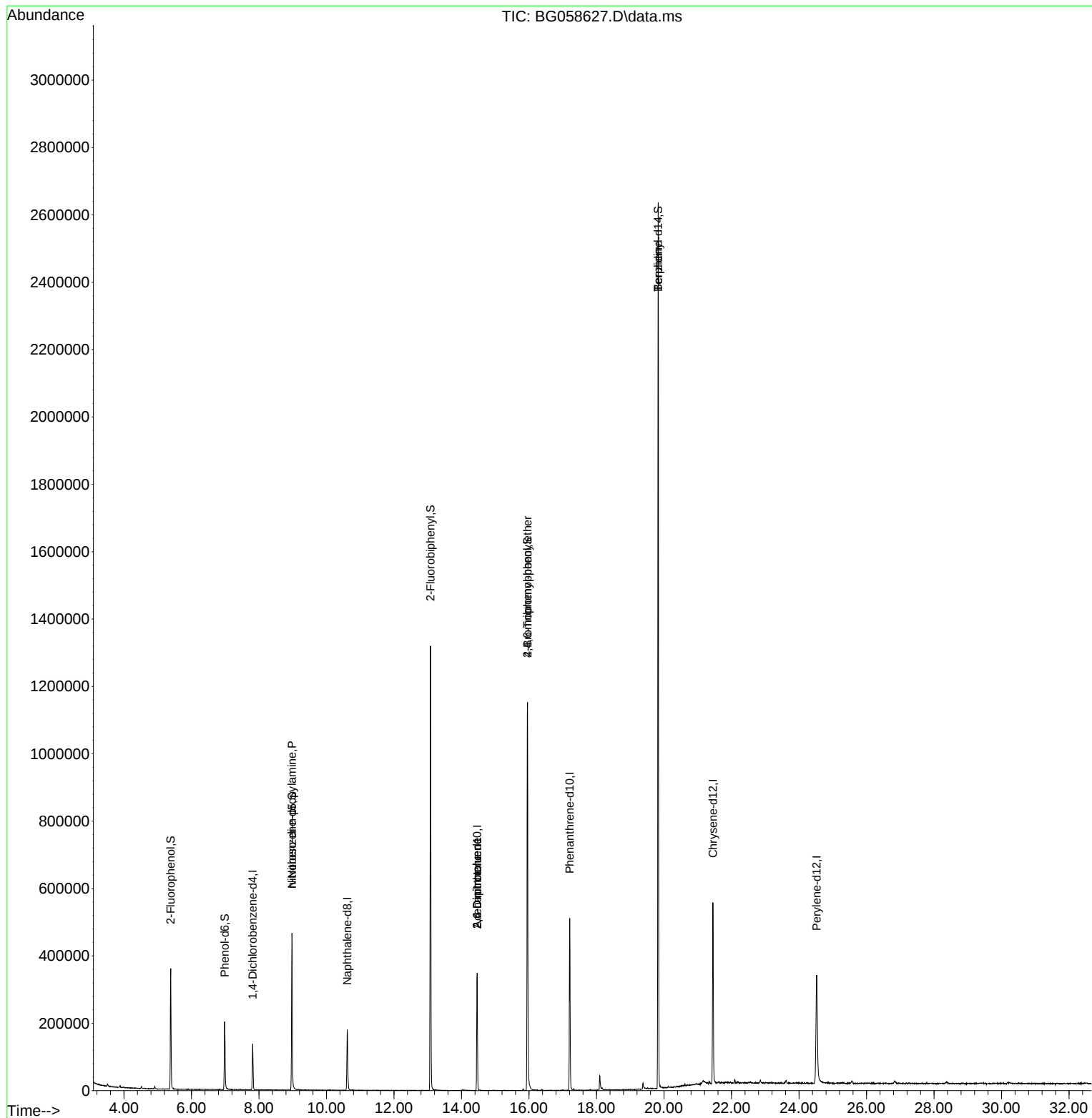
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.812	152	37021	20.000	ng	0.00
21) Naphthalene-d8	10.615	136	165040	20.000	ng	0.00
39) Acenaphthene-d10	14.463	164	131105	20.000	ng	0.00
64) Phenanthrene-d10	17.207	188	349604	20.000	ng	0.00
76) Chrysene-d12	21.449	240	322631	20.000	ng	0.00
86) Perylene-d12	24.522	264	398383	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.386	112	152760	63.069	ng	0.00
7) Phenol-d6	6.984	99	132558	39.331	ng	0.00
23) Nitrobenzene-d5	8.975	82	292352	87.021	ng	0.00
42) 2,4,6-Tribromophenol	15.956	330	277998	129.367	ng	0.00
45) 2-Fluorobiphenyl	13.082	172	728174	83.234	ng	0.00
79) Terphenyl-d14	19.827	244	1392067	81.140	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	8.975	70	36131	16.597	ng	# 79
51) 2,6-Dinitrotoluene	14.463	165	16620	7.693	ng	# 22
57) 2,4-Dinitrotoluene	14.463	165	16620	5.549	ng	# 23
67) 4-Bromophenyl-phenylether	15.956	248	17350	4.376	ng	# 1
77) Benzidine	19.827	184	17737	3.625	ng	# 93

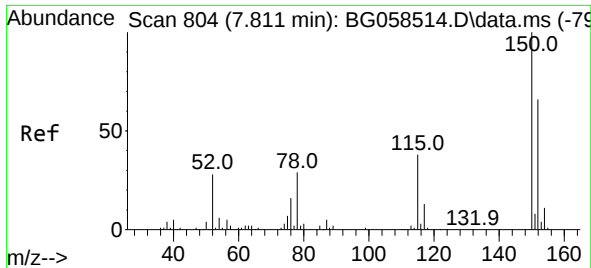
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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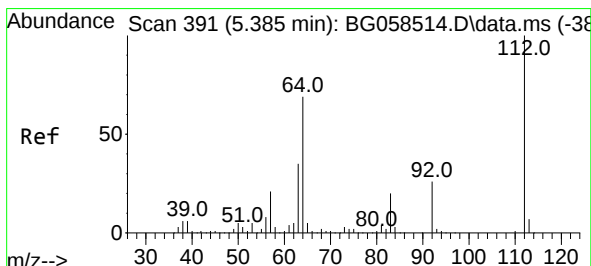
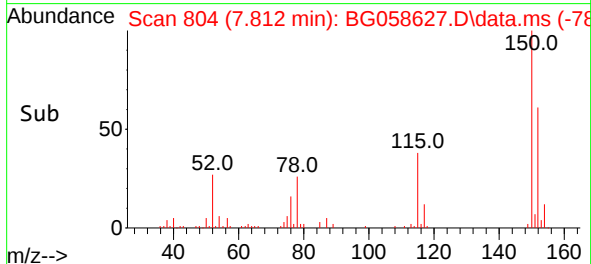
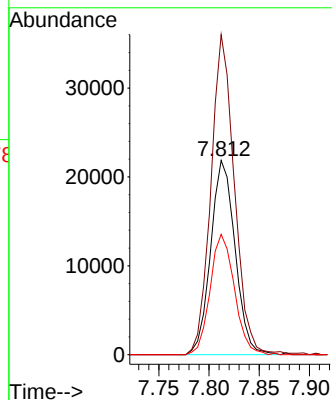
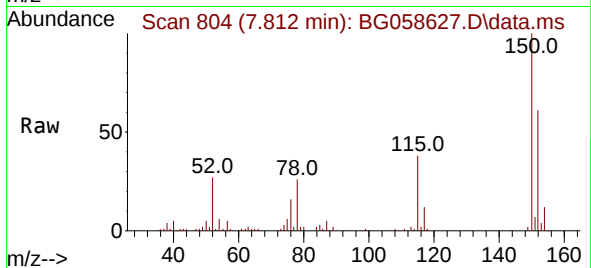




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.812 min Scan# 804
Delta R.T. 0.001 min
Lab File: BG058627.D
Acq: 7 Aug 2023 14:57

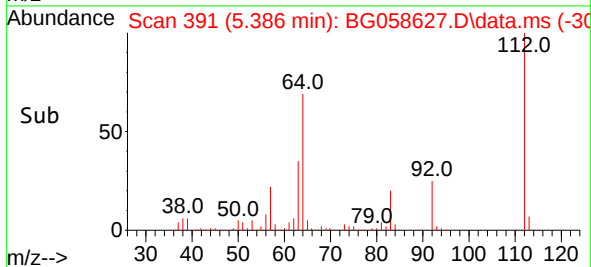
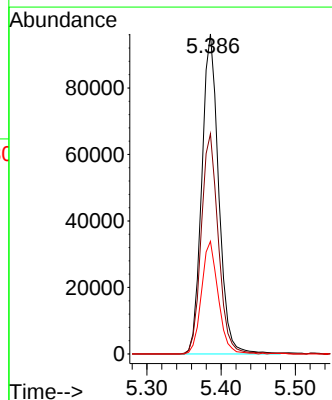
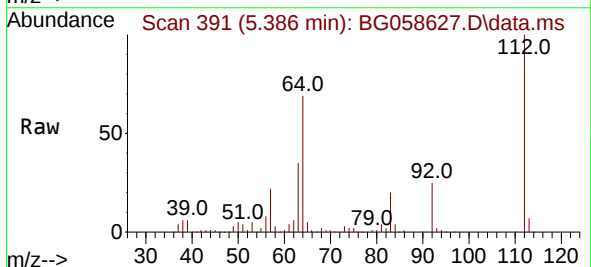
Instrument :
BNA_G
ClientSampleId :
MW-19-20230727

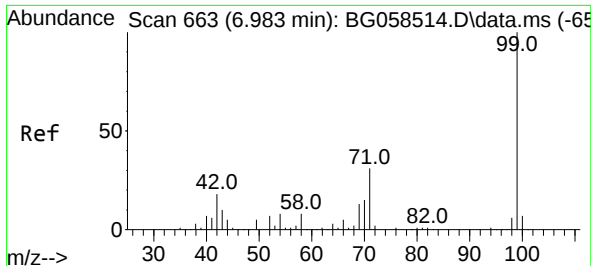
Tgt Ion:152 Resp: 37021
Ion Ratio Lower Upper
152 100
150 164.8 120.5 180.7
115 62.0 45.9 68.9



#5
2-Fluorophenol
Concen: 63.069 ng
RT: 5.386 min Scan# 391
Delta R.T. 0.001 min
Lab File: BG058627.D
Acq: 7 Aug 2023 14:57

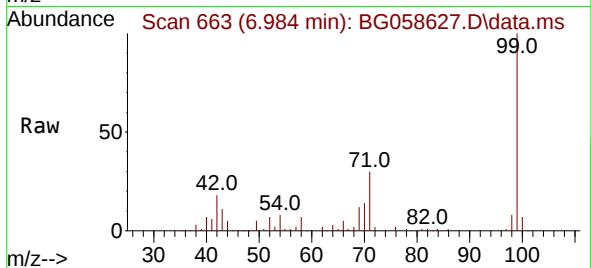
Tgt Ion:112 Resp: 152760
Ion Ratio Lower Upper
112 100
64 68.8 55.3 82.9
63 35.2 28.3 42.5



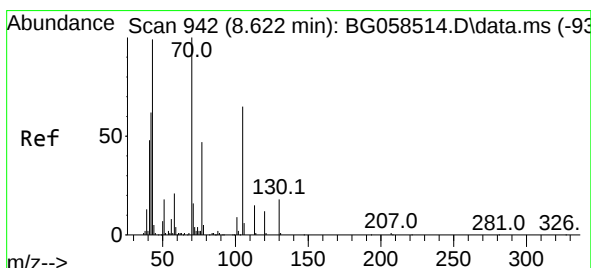
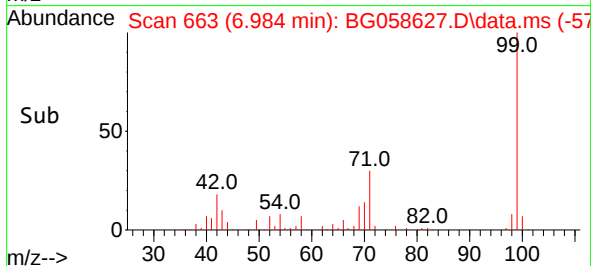
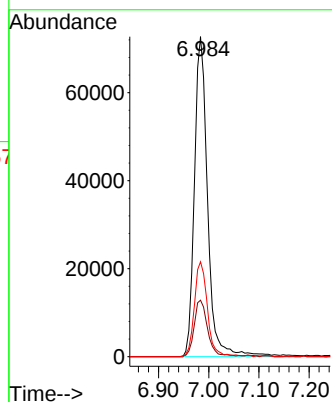


#7
Phenol-d6
Concen: 39.331 ng
RT: 6.984 min Scan# 60
Delta R.T. 0.001 min
Lab File: BG058627.D
Acq: 7 Aug 2023 14:57

Instrument :
BNA_G
ClientSampleId :
MW-19-20230727

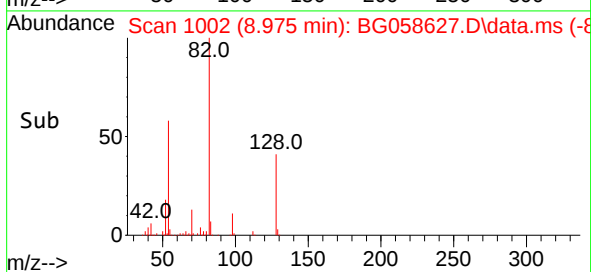
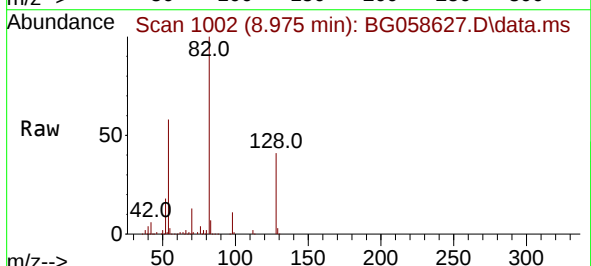
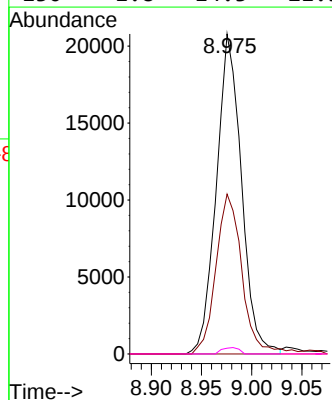


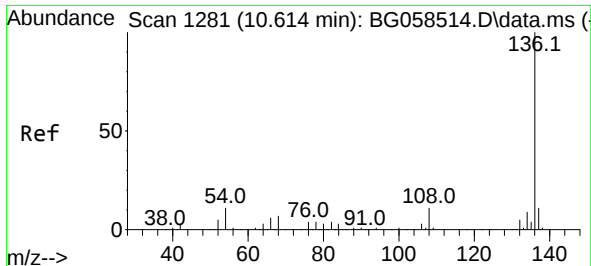
Tgt Ion	Resp	Ion	Ratio	Lower	Upper
99	132558	100			
42		17.6	14.6	21.8	
71		29.7	25.0	37.4	



#19
n-Nitroso-di-n-propylamine
Concen: 16.597 ng
RT: 8.975 min Scan# 1002
Delta R.T. 0.353 min
Lab File: BG058627.D
Acq: 7 Aug 2023 14:57

Tgt Ion	Resp	Ion	Ratio	Lower	Upper
70	36131	100			
42		50.0	49.7	74.5	
101		0.0	7.0	10.4#	
130		1.8	14.3	21.5#	

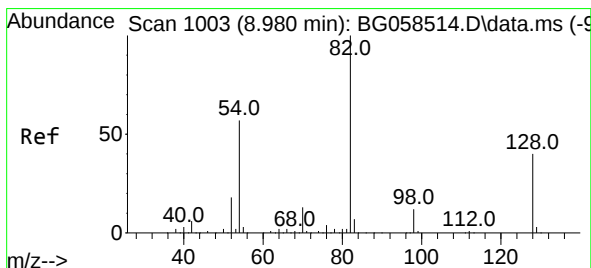
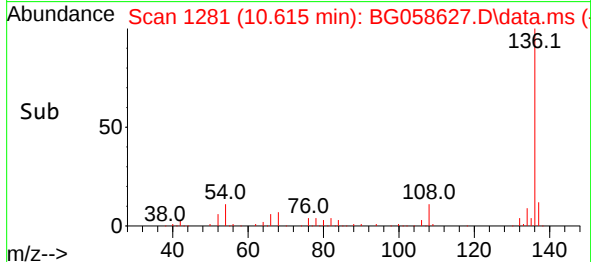
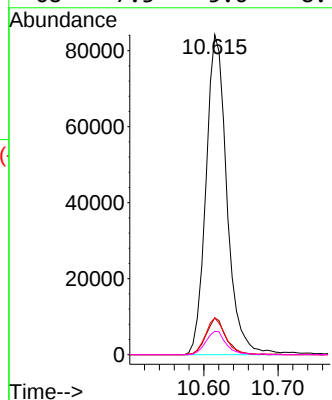
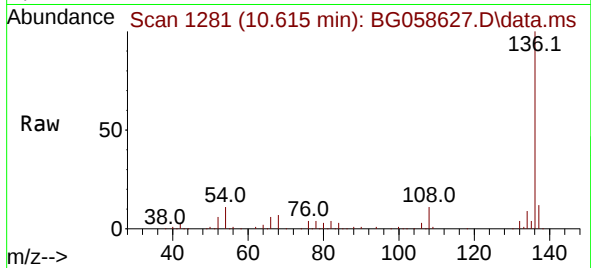




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.615 min Scan# 11
Delta R.T. 0.001 min
Lab File: BG058627.D
Acq: 7 Aug 2023 14:57

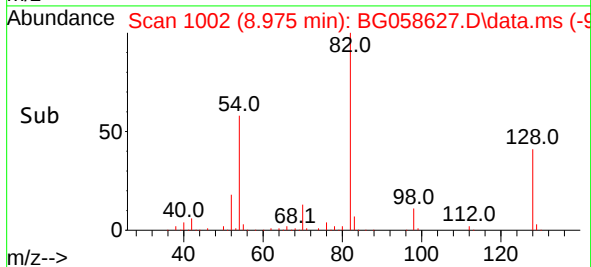
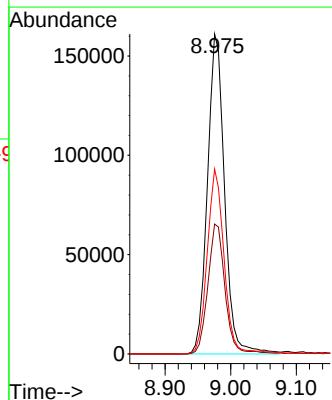
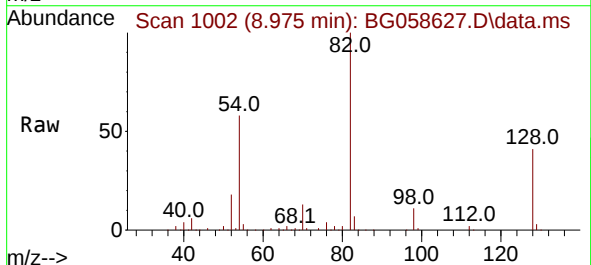
Instrument :
BNA_G
ClientSampleId :
MW-19-20230727

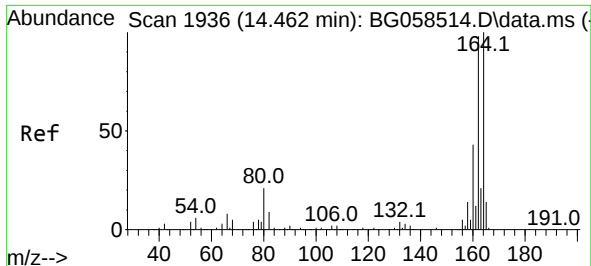
Tgt Ion:	136	Resp:	165040
Ion Ratio	Lower	Upper	
136	100		
137	11.6	8.6	13.0
54	11.5	8.9	13.3
68	7.3	5.6	8.4



#23
Nitrobenzene-d5
Concen: 87.021 ng
RT: 8.975 min Scan# 1002
Delta R.T. -0.005 min
Lab File: BG058627.D
Acq: 7 Aug 2023 14:57

Tgt Ion:	82	Resp:	292352
Ion Ratio	Lower	Upper	
82	100		
128	40.6	32.2	48.2
54	57.8	46.0	69.0

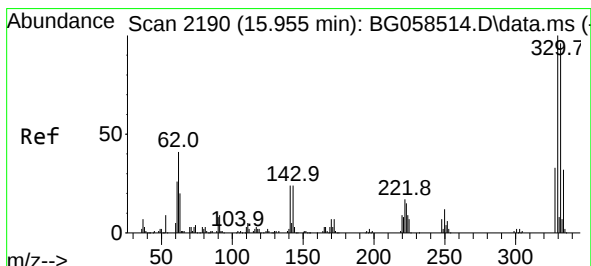
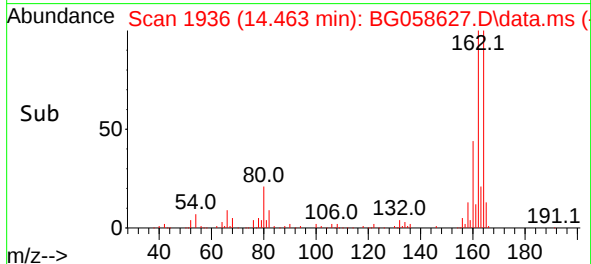
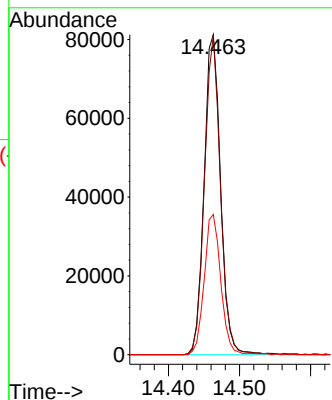
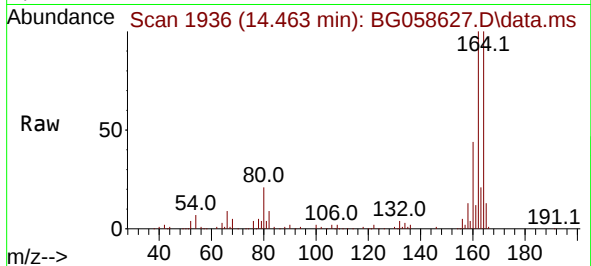




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.463 min Scan# 1936
Delta R.T. 0.001 min
Lab File: BG058627.D
Acq: 7 Aug 2023 14:57

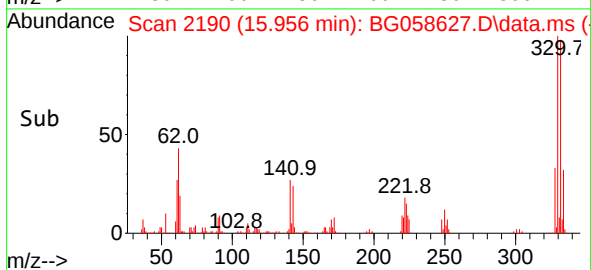
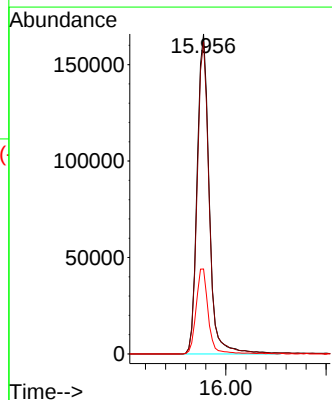
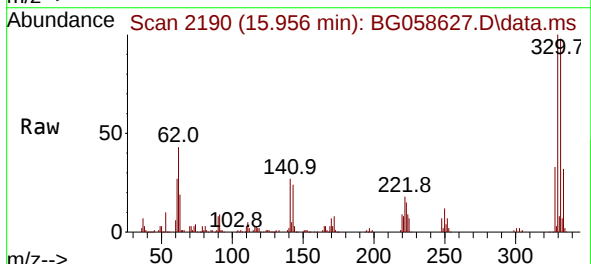
Instrument :
BNA_G
ClientSampleId :
MW-19-20230727

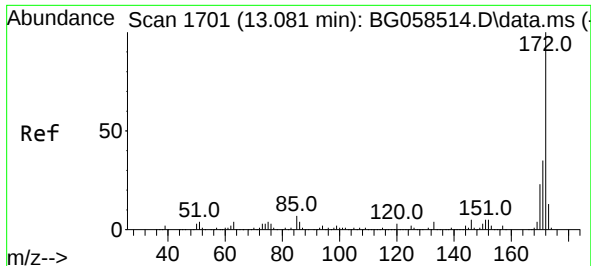
Tgt Ion:164 Resp: 131105
Ion Ratio Lower Upper
164 100
162 99.8 78.3 117.5
160 43.8 34.1 51.1



#42
2,4,6-Tribromophenol
Concen: 129.367 ng
RT: 15.956 min Scan# 2190
Delta R.T. 0.001 min
Lab File: BG058627.D
Acq: 7 Aug 2023 14:57

Tgt Ion:330 Resp: 277998
Ion Ratio Lower Upper
330 100
332 96.6 77.5 116.3
141 26.4 20.7 31.1

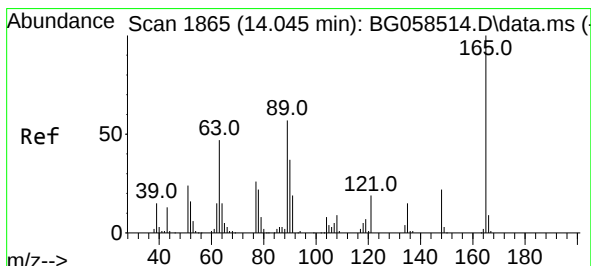
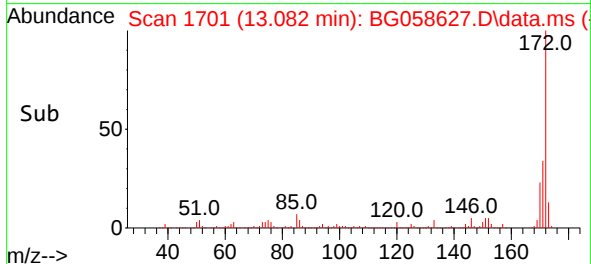
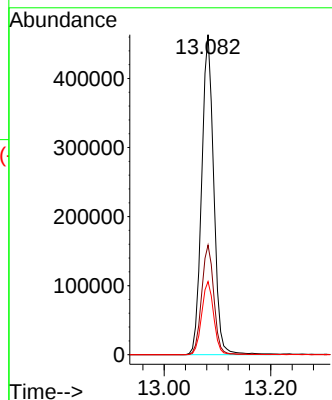
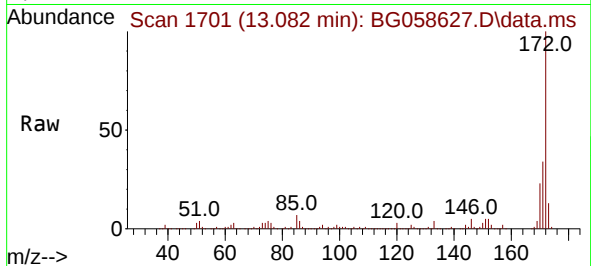




#45
2-Fluorobiphenyl
Concen: 83.234 ng
RT: 13.082 min Scan# 1
Delta R.T. 0.001 min
Lab File: BG058627.D
Acq: 7 Aug 2023 14:57

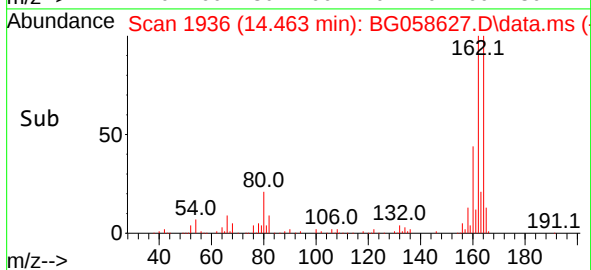
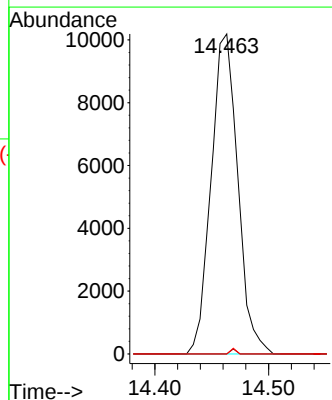
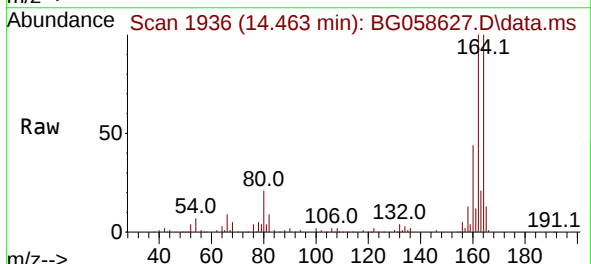
Instrument :
BNA_G
ClientSampleId :
MW-19-20230727

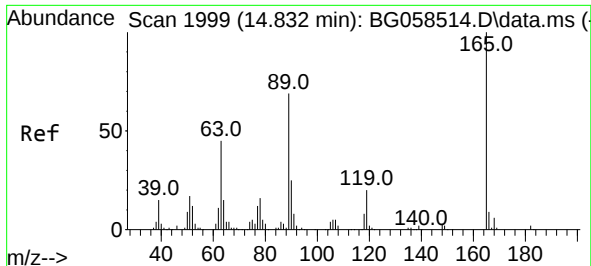
Tgt Ion:172 Resp: 728174
Ion Ratio Lower Upper
172 100
171 34.2 28.0 42.0
170 22.8 18.4 27.6



#51
2,6-Dinitrotoluene
Concen: 7.693 ng
RT: 14.463 min Scan# 1936
Delta R.T. 0.418 min
Lab File: BG058627.D
Acq: 7 Aug 2023 14:57

Tgt Ion:165 Resp: 16620
Ion Ratio Lower Upper
165 100
63 0.0 46.4 69.6#
89 0.0 45.3 67.9#





#57

2,4-Dinitrotoluene

Concen: 5.549 ng

RT: 14.463 min Scan# 1999

Delta R.T. -0.369 min

Lab File: BG058627.D

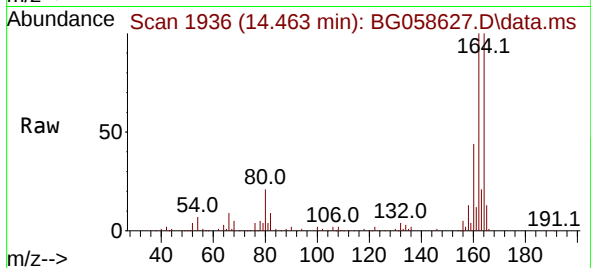
Acq: 7 Aug 2023 14:57

Instrument :

BNA_G

ClientSampleId :

MW-19-20230727



Tgt Ion:165 Resp: 16620

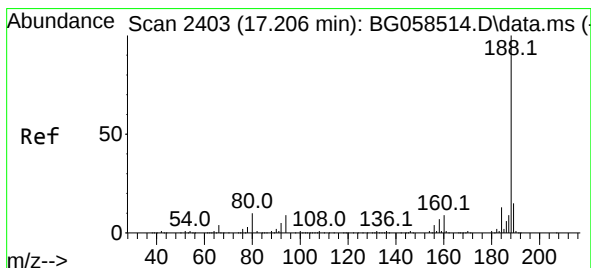
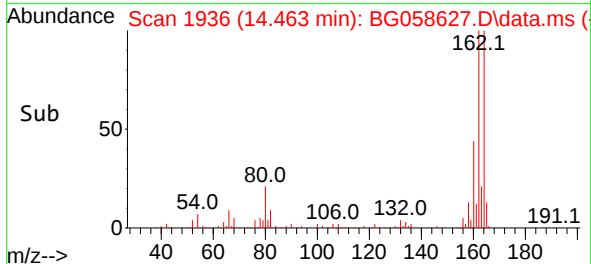
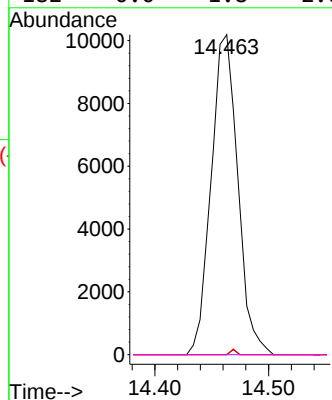
Ion Ratio Lower Upper

165 100

63 0.0 36.6 54.8#

89 0.0 55.4 83.0#

182 0.0 1.8 2.6#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.207 min Scan# 2403

Delta R.T. 0.001 min

Lab File: BG058627.D

Acq: 7 Aug 2023 14:57

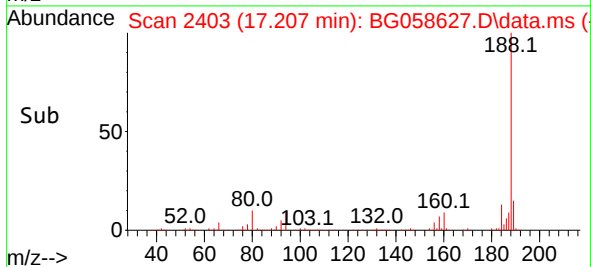
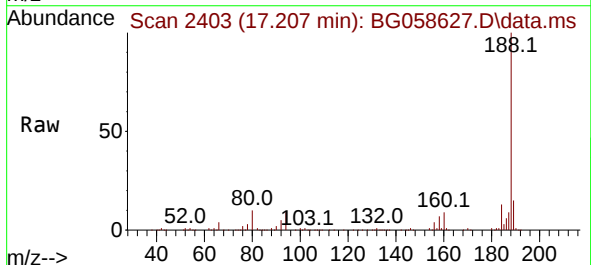
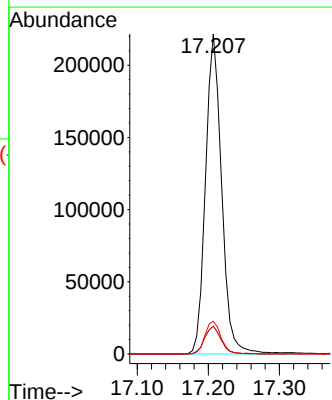
Tgt Ion:188 Resp: 349604

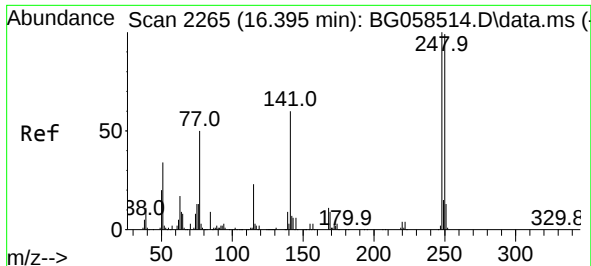
Ion Ratio Lower Upper

188 100

94 8.7 7.0 10.6

80 10.2 8.1 12.1

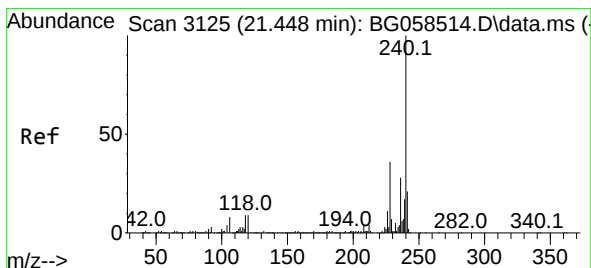
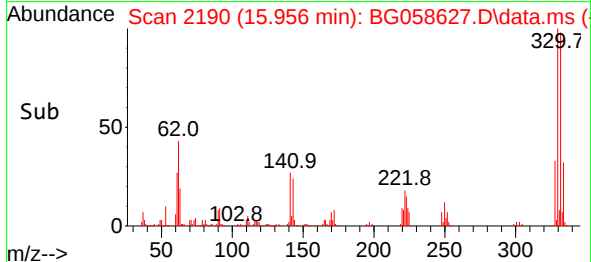
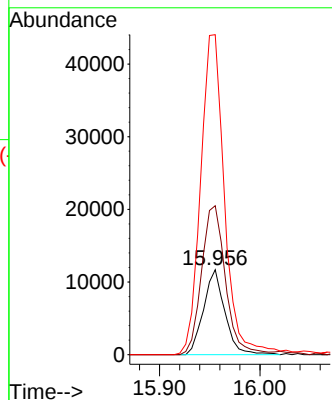
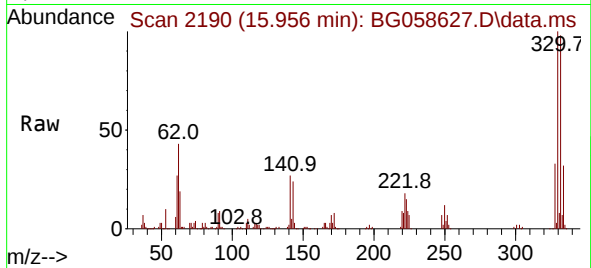




#67
4-Bromophenyl-phenylether
Concen: 4.376 ng
RT: 15.956 min Scan# 2190
Delta R.T. -0.440 min
Lab File: BG058627.D
Acq: 7 Aug 2023 14:57

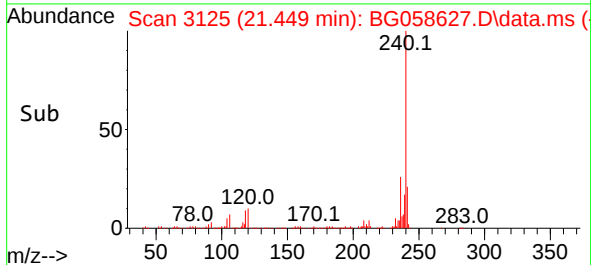
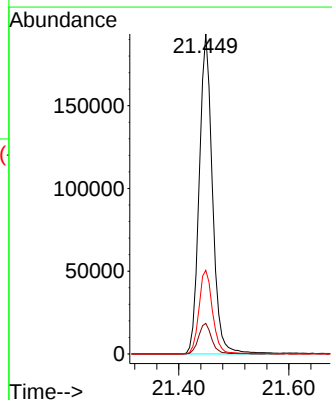
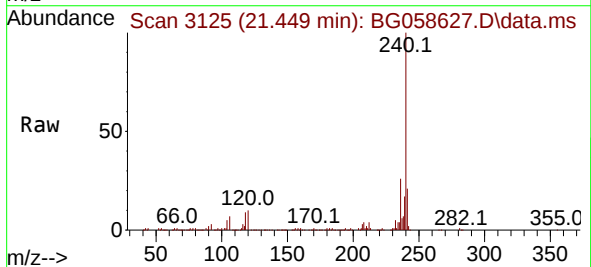
Instrument :
BNA_G
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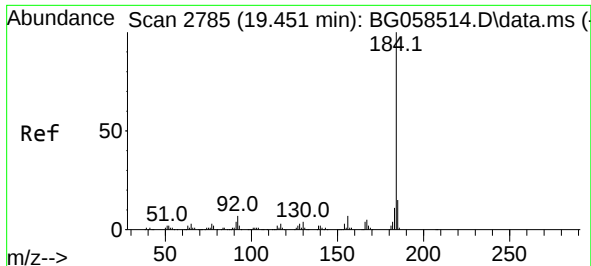
Tgt Ion:248 Resp: 17350
Ion Ratio Lower Upper
248 100
250 175.4 79.5 119.3#
141 376.7 48.2 72.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.449 min Scan# 3125
Delta R.T. 0.001 min
Lab File: BG058627.D
Acq: 7 Aug 2023 14:57

Tgt Ion:240 Resp: 322631
Ion Ratio Lower Upper
240 100
120 9.6 7.4 11.0
236 26.1 22.2 33.4

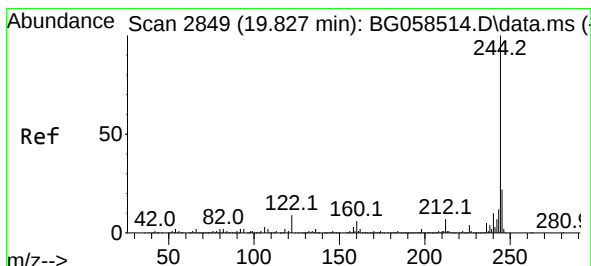
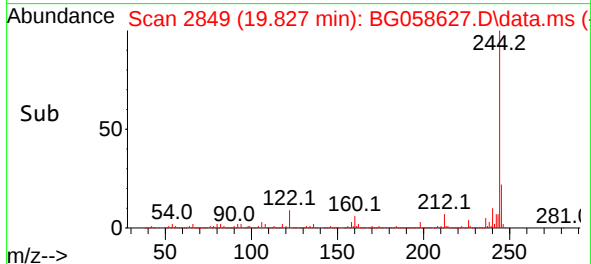
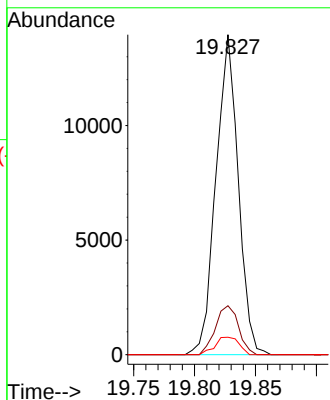
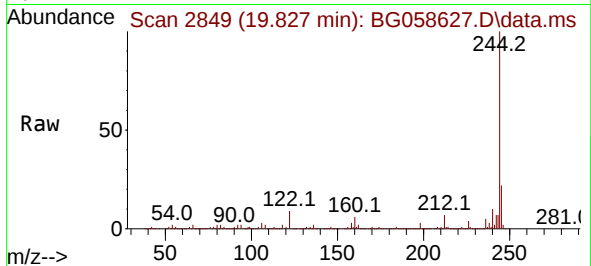




#77
Benzidine
Concen: 3.625 ng
RT: 19.827 min Scan# 2849
Delta R.T. 0.377 min
Lab File: BG058627.D
Acq: 7 Aug 2023 14:57

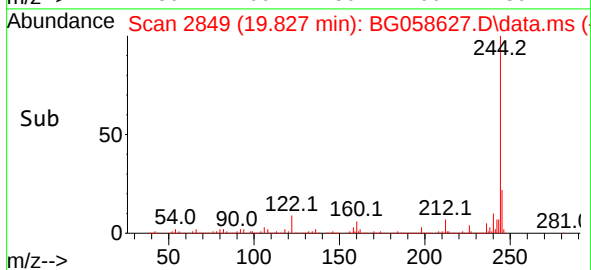
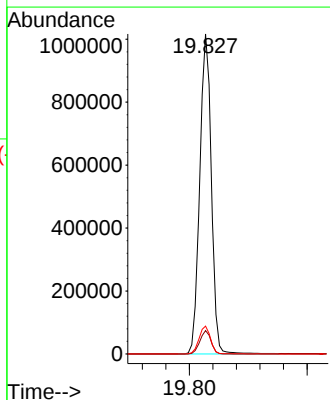
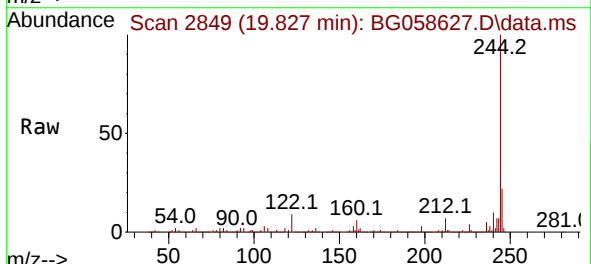
Instrument :
BNA_G
ClientSampleId :
MW-19-20230727

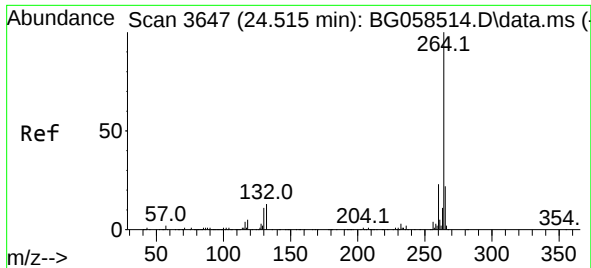
Tgt Ion:184 Resp: 17737
Ion Ratio Lower Upper
184 100
185 15.3 11.9 17.9
183 5.4 8.7 13.1#



#79
Terphenyl-d14
Concen: 81.140 ng
RT: 19.827 min Scan# 2849
Delta R.T. 0.001 min
Lab File: BG058627.D
Acq: 7 Aug 2023 14:57

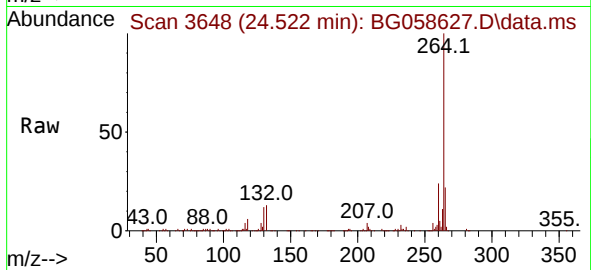
Tgt Ion:244 Resp: 1392067
Ion Ratio Lower Upper
244 100
212 7.3 5.9 8.9
122 8.7 6.8 10.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.522 min Scan# 30
Delta R.T. 0.007 min
Lab File: BG058627.D
Acq: 7 Aug 2023 14:57

Instrument :
BNA_G
ClientSampleId :
MW-19-20230727



Tgt Ion:264 Resp: 398383
Ion Ratio Lower Upper
264 100
260 23.5 18.4 27.6
265 22.1 17.9 26.9

