

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080423\
 Data File : BG058603.D
 Acq On : 4 Aug 2023 9:18
 Operator : MA/JU
 Sample : PB154462BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB154462BL

Quant Time: Aug 04 12:01:05 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)

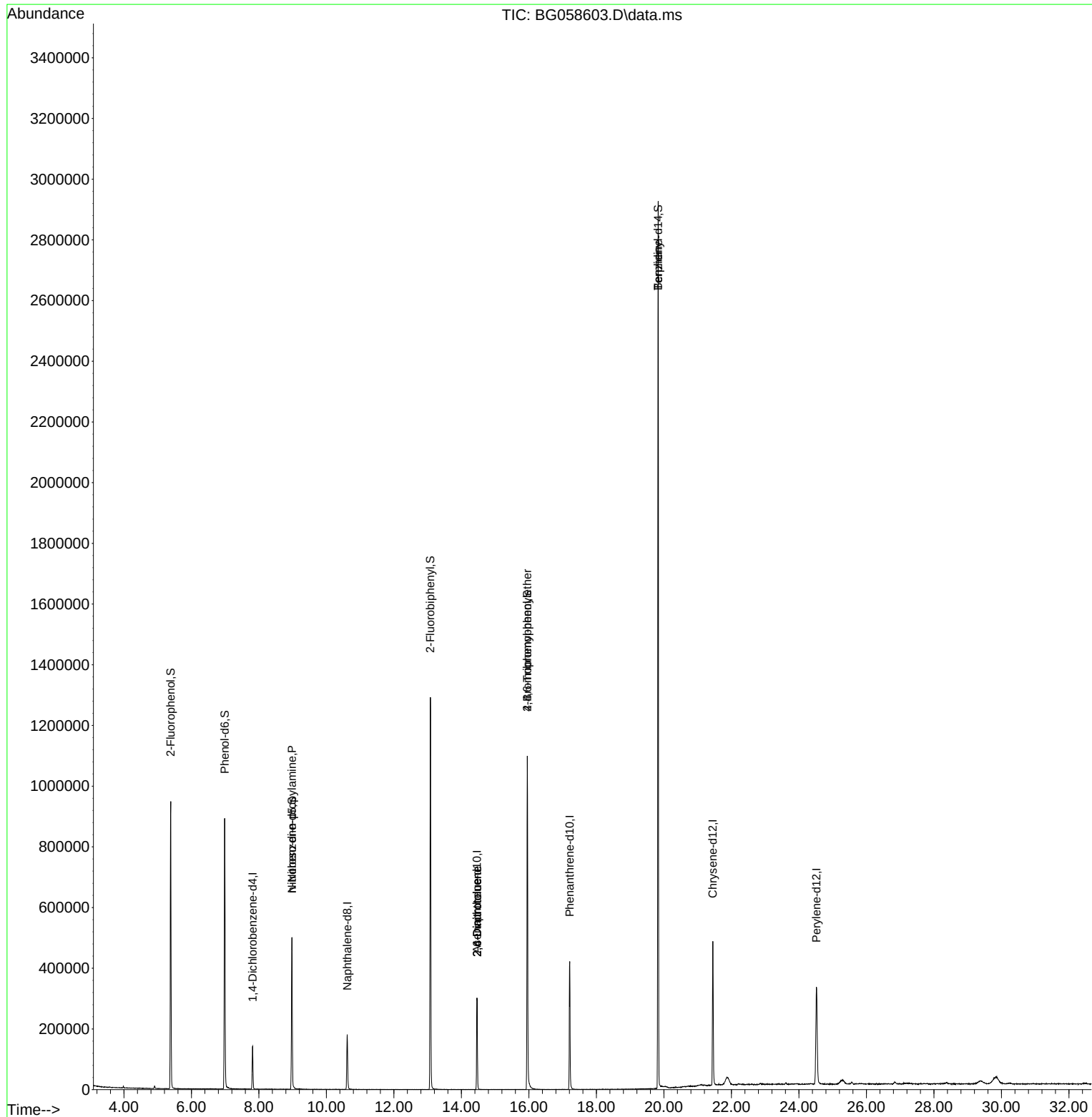
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.814	152	40637	20.000	ng	0.00
21) Naphthalene-d8	10.617	136	168073	20.000	ng	0.00
39) Acenaphthene-d10	14.459	164	117180	20.000	ng	0.00
64) Phenanthrene-d10	17.209	188	300073	20.000	ng	0.00
76) Chrysene-d12	21.445	240	300839	20.000	ng	0.00
86) Perylene-d12	24.518	264	367157	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.388	112	399093	150.109	ng	0.00
7) Phenol-d6	6.986	99	536300	144.964	ng	0.00
23) Nitrobenzene-d5	8.977	82	317167	92.703	ng	0.00
42) 2,4,6-Tribromophenol	15.952	330	258153	134.408	ng	0.00
45) 2-Fluorobiphenyl	13.078	172	737450	94.311	ng	0.00
79) Terphenyl-d14	19.829	244	1544094	96.520	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	8.977	70	38746	16.214	ng	# 78
51) 2,6-Dinitrotoluene	14.465	165	14812	7.671	ng	# 22
57) 2,4-Dinitrotoluene	14.465	165	14812	5.533	ng	# 23
67) 4-Bromophenyl-phenylether	15.952	248	15799	4.642	ng	# 1
77) Benzidine	19.829	184	19053	4.177	ng	# 93

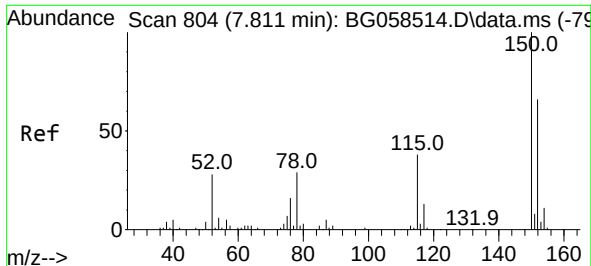
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080423\
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QLast Update : Fri Jul 28 22:29:07 2023
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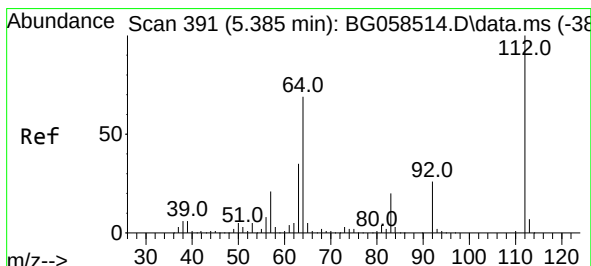
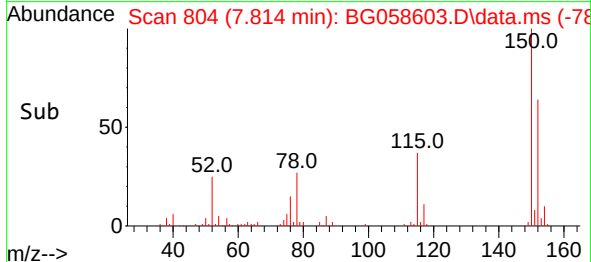
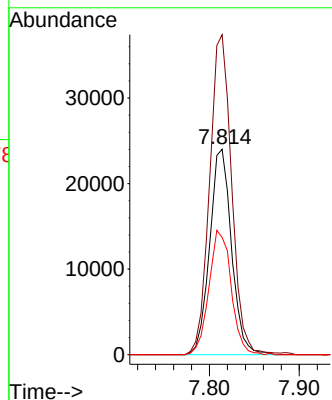
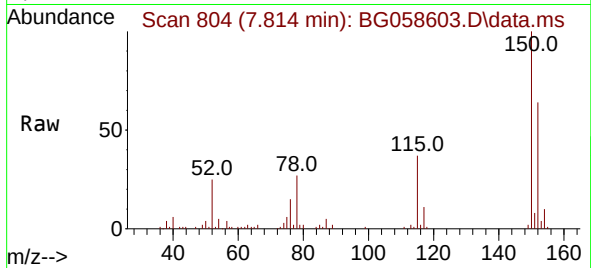




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.814 min Scan# 804
Delta R.T. 0.003 min
Lab File: BG058603.D
Acq: 4 Aug 2023 9:18

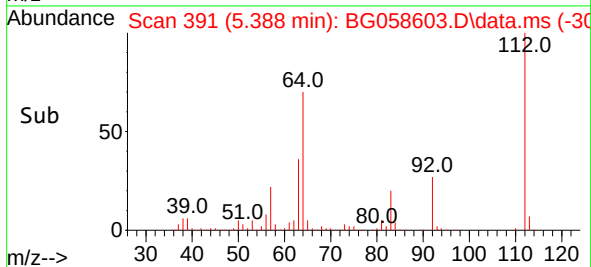
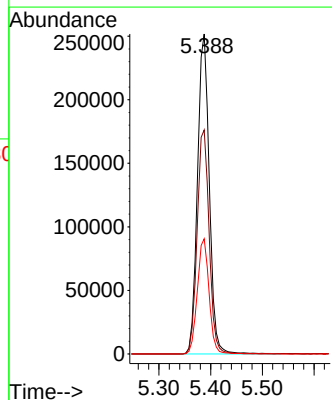
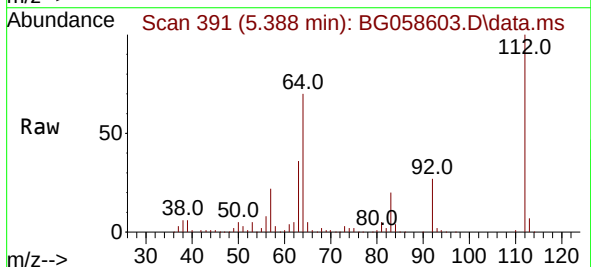
Instrument :
BNA_G
ClientSampleId :
PB154462BL

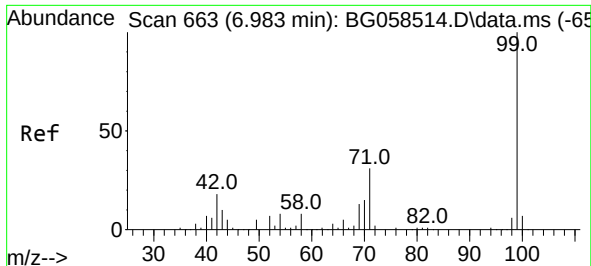
Tgt Ion:152 Resp: 40637
Ion Ratio Lower Upper
152 100
150 155.8 120.5 180.7
115 57.1 45.9 68.9



#5
2-Fluorophenol
Concen: 150.109 ng
RT: 5.388 min Scan# 391
Delta R.T. 0.003 min
Lab File: BG058603.D
Acq: 4 Aug 2023 9:18

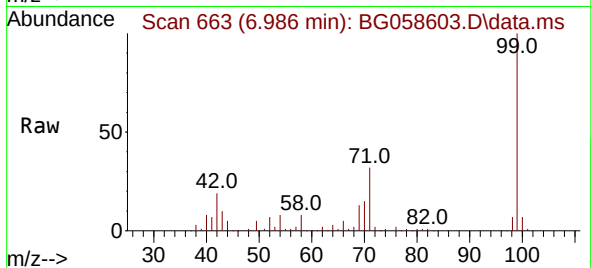
Tgt Ion:112 Resp: 399093
Ion Ratio Lower Upper
112 100
64 70.0 55.3 82.9
63 36.0 28.3 42.5



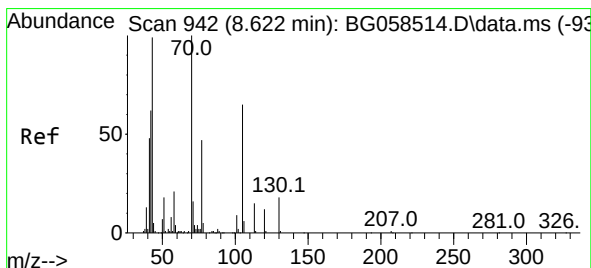
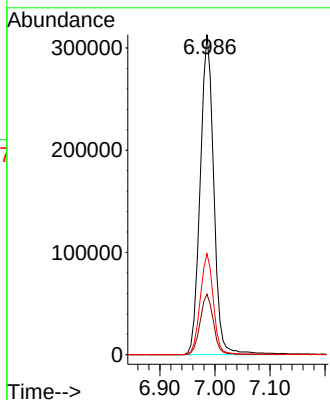
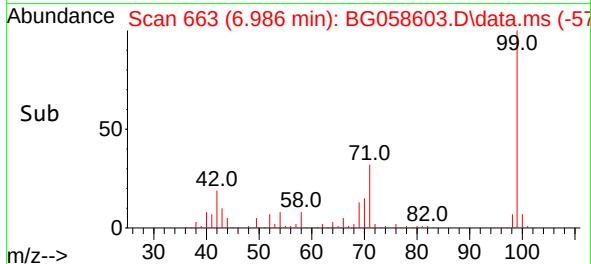


#7
Phenol-d6
Concen: 144.964 ng
RT: 6.986 min Scan# 60
Delta R.T. 0.003 min
Lab File: BG058603.D
Acq: 4 Aug 2023 9:18

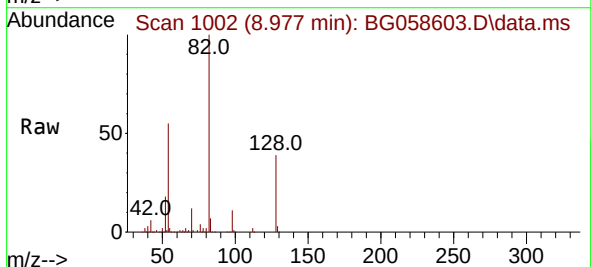
Instrument :
BNA_G
ClientSampleId :
PB154462BL



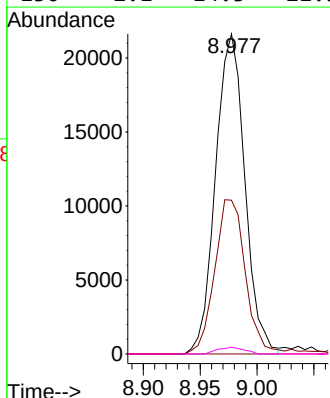
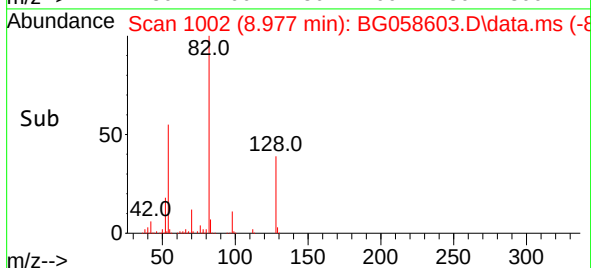
Tgt Ion: 99 Resp: 536300
Ion Ratio Lower Upper
99 100
42 18.9 14.6 21.8
71 31.5 25.0 37.4

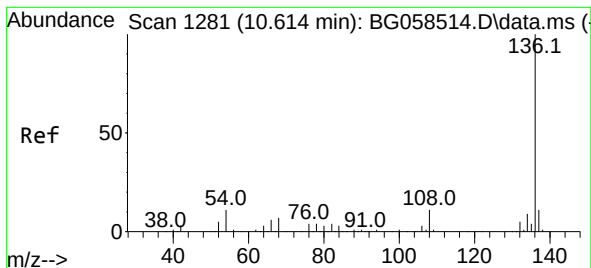


#19
n-Nitroso-di-n-propylamine
Concen: 16.214 ng
RT: 8.977 min Scan# 1002
Delta R.T. 0.355 min
Lab File: BG058603.D
Acq: 4 Aug 2023 9:18



Tgt Ion: 70 Resp: 38746
Ion Ratio Lower Upper
70 100
42 48.1 49.7 74.5#
101 0.0 7.0 10.4#
130 2.1 14.3 21.5#

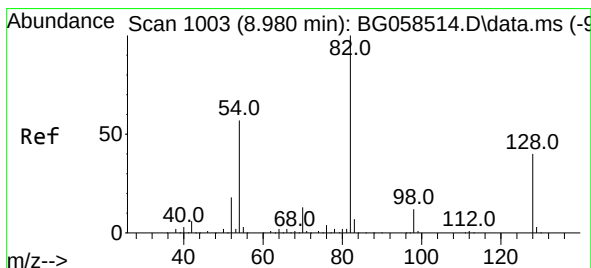
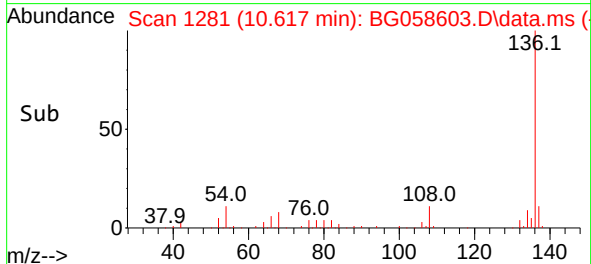
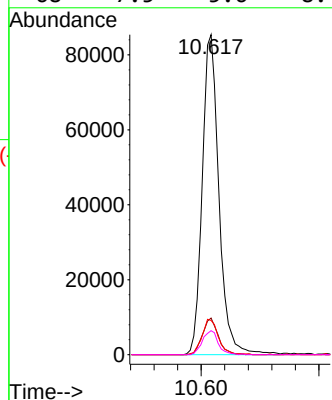
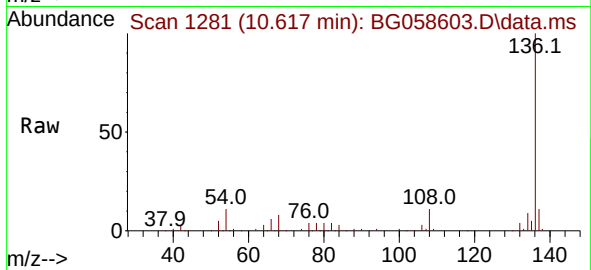




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.617 min Scan# 1001
Delta R.T. 0.003 min
Lab File: BG058603.D
Acq: 4 Aug 2023 9:18

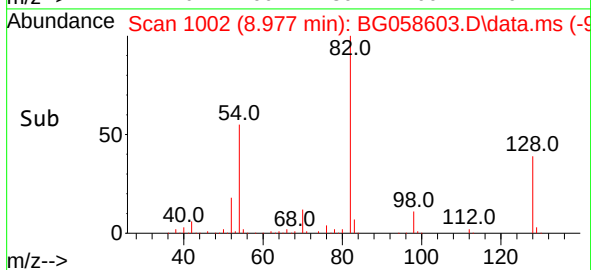
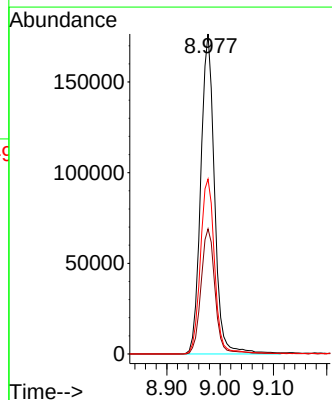
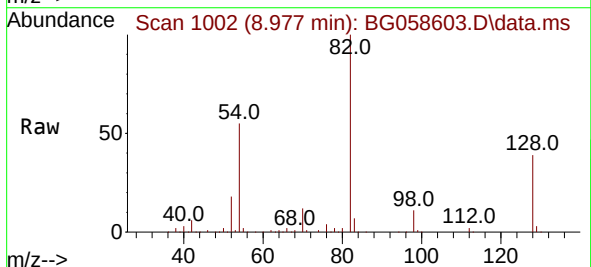
Instrument :
BNA_G
ClientSampleId :
PB154462BL

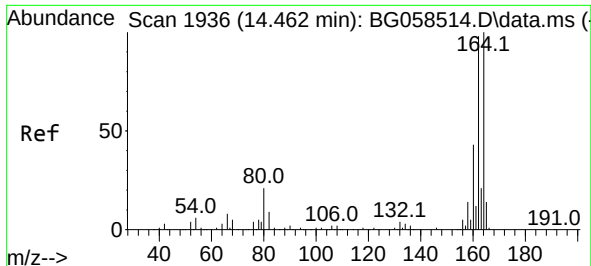
Tgt Ion:136 Resp: 168073
Ion Ratio Lower Upper
136 100
137 11.5 8.6 13.0
54 10.7 8.9 13.3
68 7.5 5.6 8.4



#23
Nitrobenzene-d5
Concen: 92.703 ng
RT: 8.977 min Scan# 1002
Delta R.T. -0.003 min
Lab File: BG058603.D
Acq: 4 Aug 2023 9:18

Tgt Ion: 82 Resp: 317167
Ion Ratio Lower Upper
82 100
128 39.1 32.2 48.2
54 54.7 46.0 69.0

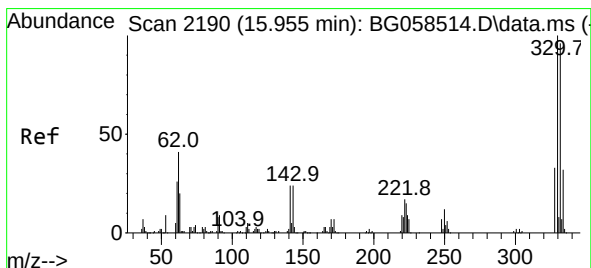
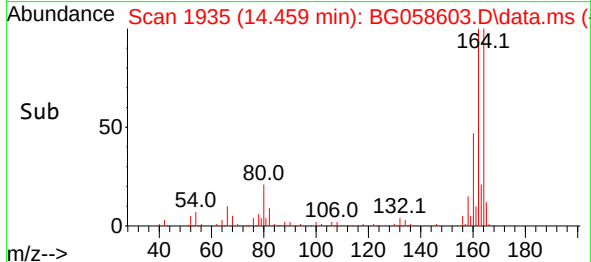
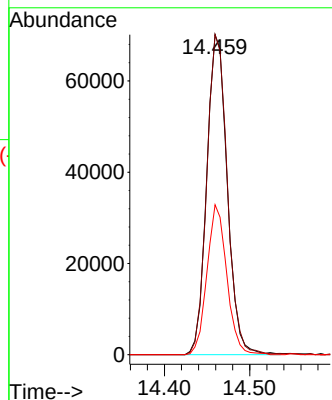
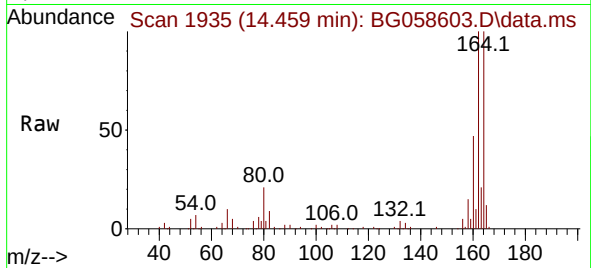




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.459 min Scan# 1935
Delta R.T. -0.003 min
Lab File: BG058603.D
Acq: 4 Aug 2023 9:18

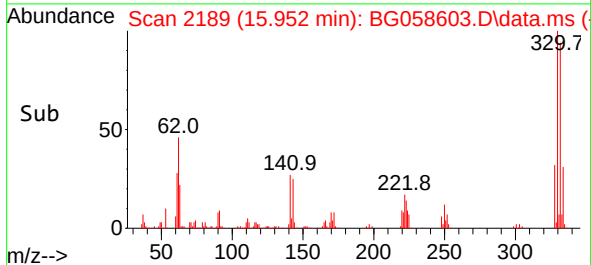
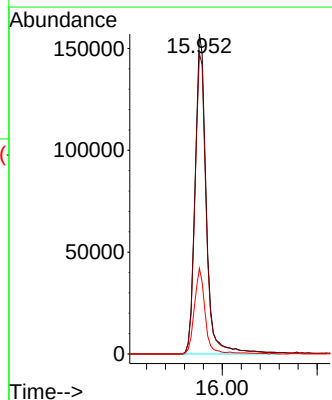
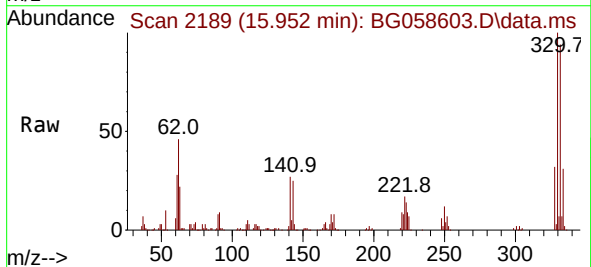
Instrument :
BNA_G
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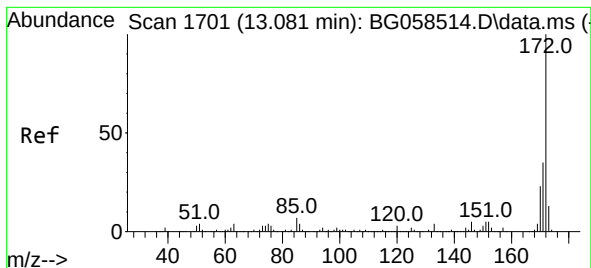
Tgt Ion:164 Resp: 117180
Ion Ratio Lower Upper
164 100
162 100.0 78.3 117.5
160 46.8 34.1 51.1



#42
2,4,6-Tribromophenol
Concen: 134.408 ng
RT: 15.952 min Scan# 2189
Delta R.T. -0.003 min
Lab File: BG058603.D
Acq: 4 Aug 2023 9:18

Tgt Ion:330 Resp: 258153
Ion Ratio Lower Upper
330 100
332 95.5 77.5 116.3
141 26.0 20.7 31.1

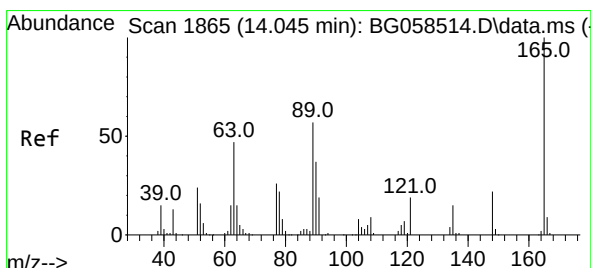
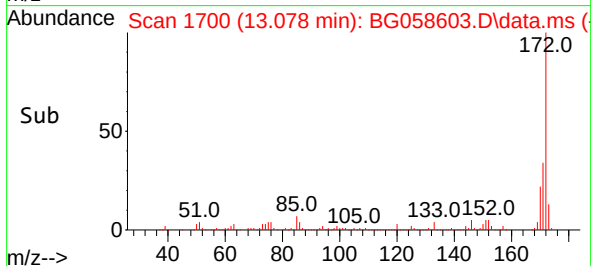
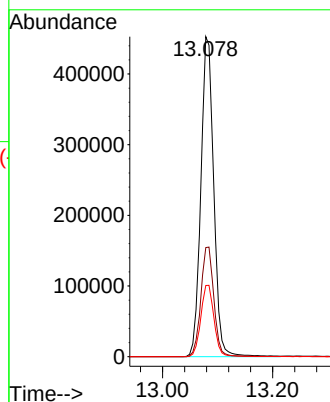
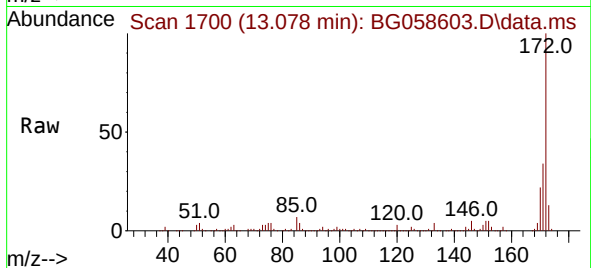




#45
2-Fluorobiphenyl
Concen: 94.311 ng
RT: 13.078 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG058603.D
Acq: 4 Aug 2023 9:18

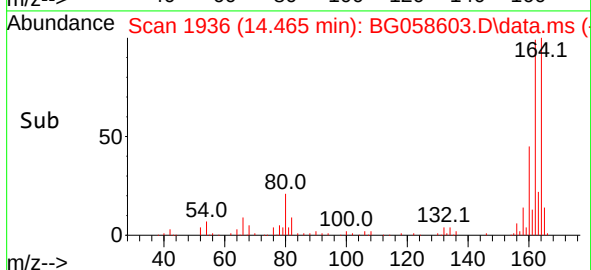
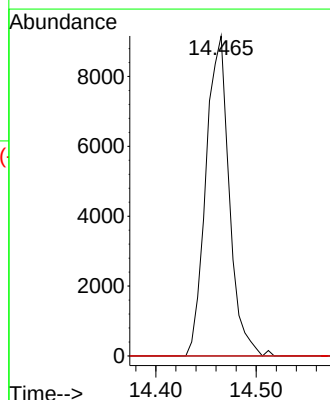
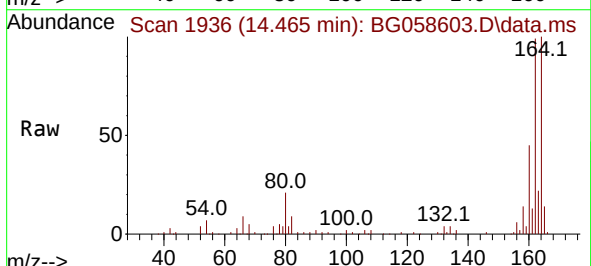
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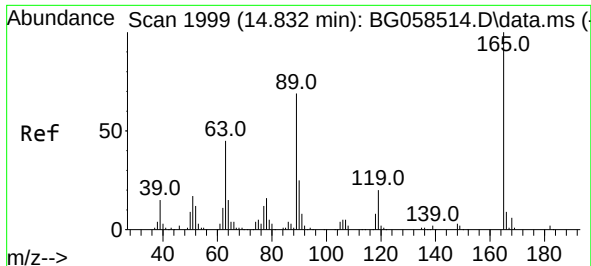
Tgt Ion:172 Resp: 737450
Ion Ratio Lower Upper
172 100
171 34.1 28.0 42.0
170 22.3 18.4 27.6



#51
2,6-Dinitrotoluene
Concen: 7.671 ng
RT: 14.465 min Scan# 1936
Delta R.T. 0.420 min
Lab File: BG058603.D
Acq: 4 Aug 2023 9:18

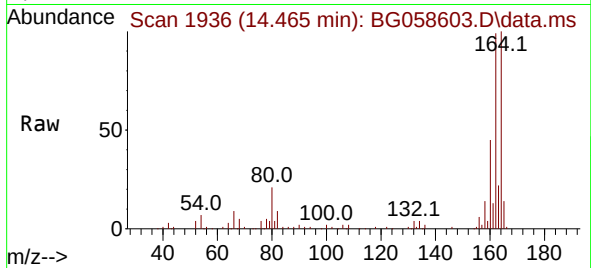
Tgt Ion:165 Resp: 14812
Ion Ratio Lower Upper
165 100
63 0.0 46.4 69.6#
89 0.0 45.3 67.9#



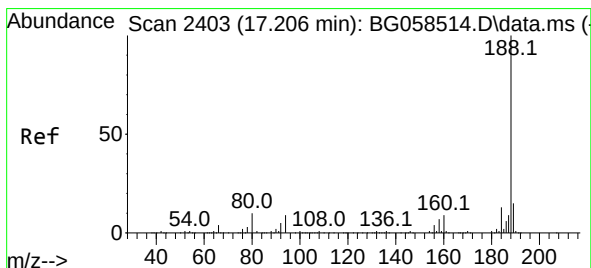
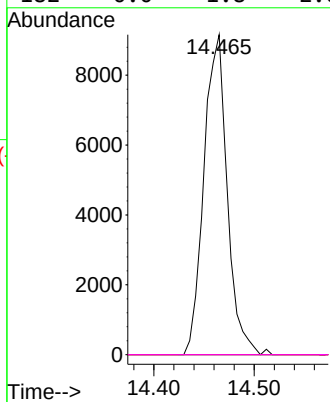
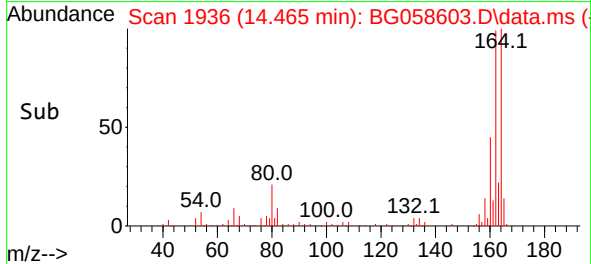


#57
2,4-Dinitrotoluene
Concen: 5.533 ng
RT: 14.465 min Scan# 1999
Delta R.T. -0.367 min
Lab File: BG058603.D
Acq: 4 Aug 2023 9:18

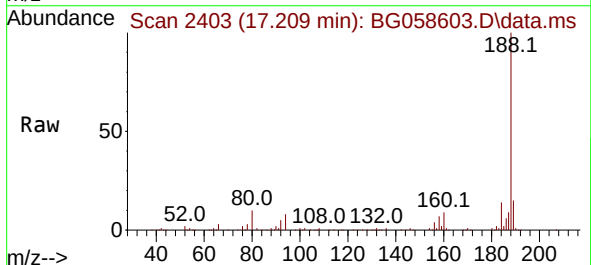
Instrument :
BNA_G
ClientSampleId :
PB154462BL



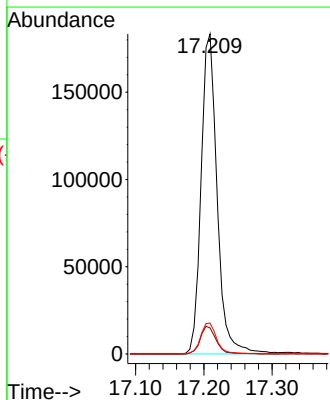
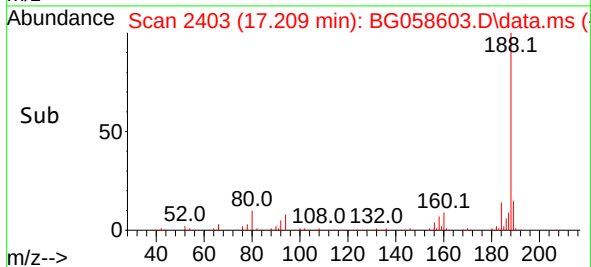
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Ion Ratio Lower Upper
165 100
63 0.0 36.6 54.8#
89 0.0 55.4 83.0#
182 0.0 1.8 2.6#

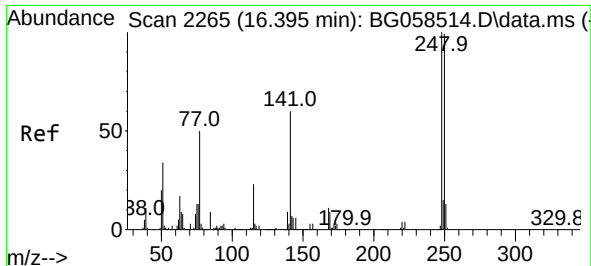


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.209 min Scan# 2403
Delta R.T. 0.003 min
Lab File: BG058603.D
Acq: 4 Aug 2023 9:18



Tgt Ion:188 Resp: 300073
Ion Ratio Lower Upper
188 100
94 8.2 7.0 10.6
80 9.6 8.1 12.1

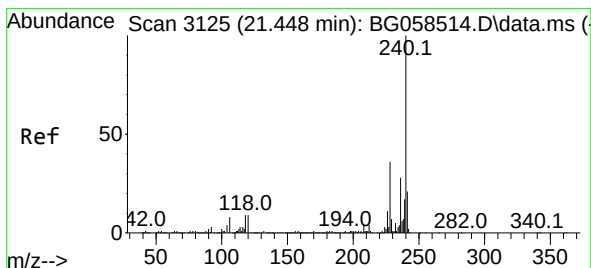
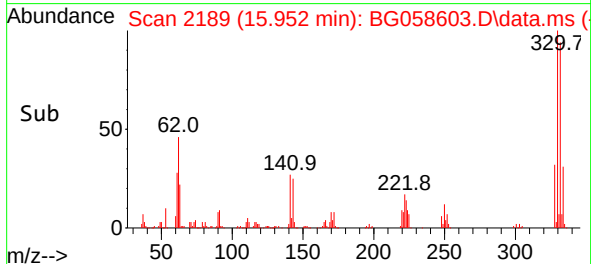
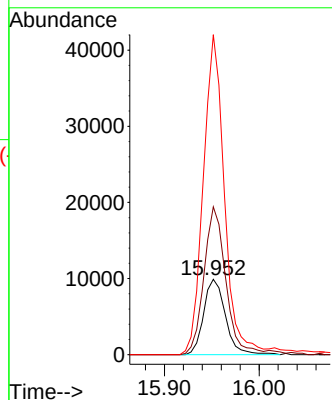
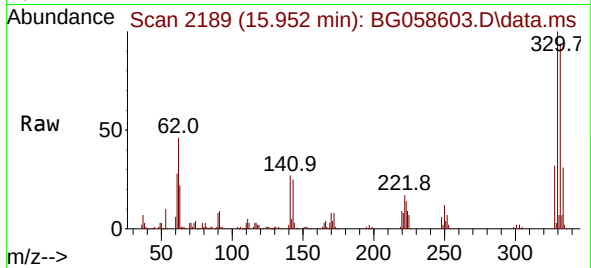




#67
4-Bromophenyl-phenylether
Concen: 4.642 ng
RT: 15.952 min Scan# 2189
Delta R.T. -0.444 min
Lab File: BG058603.D
Acq: 4 Aug 2023 9:18

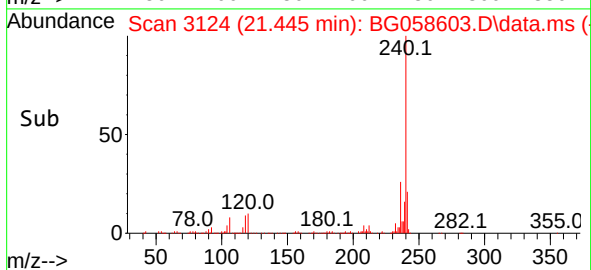
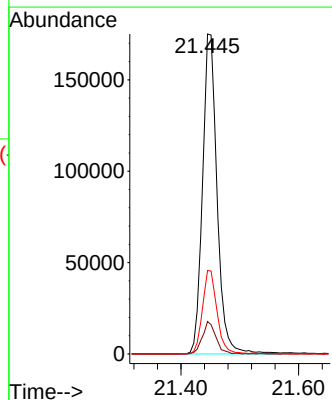
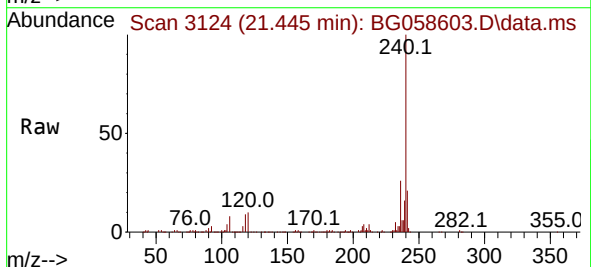
Instrument :
BNA_G
ClientSampleId :
PB154462BL

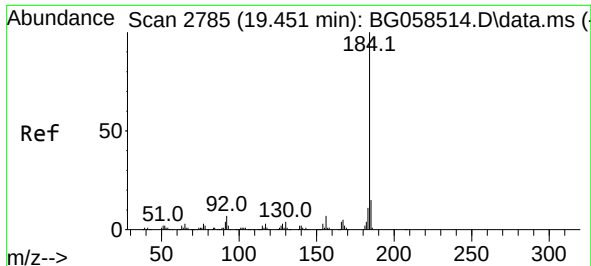
Tgt Ion:248 Resp: 15799
Ion Ratio Lower Upper
248 100
250 196.2 79.5 119.3#
141 424.7 48.2 72.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.445 min Scan# 3124
Delta R.T. -0.003 min
Lab File: BG058603.D
Acq: 4 Aug 2023 9:18

Tgt Ion:240 Resp: 300839
Ion Ratio Lower Upper
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120 10.1 7.4 11.0
236 26.1 22.2 33.4

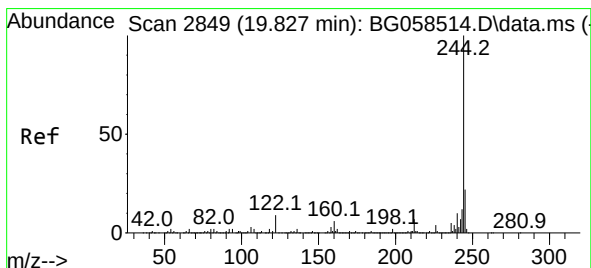
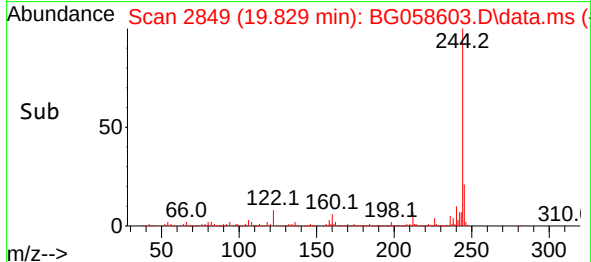
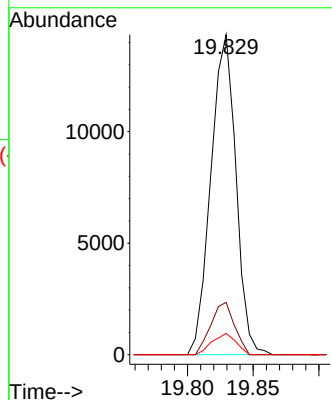
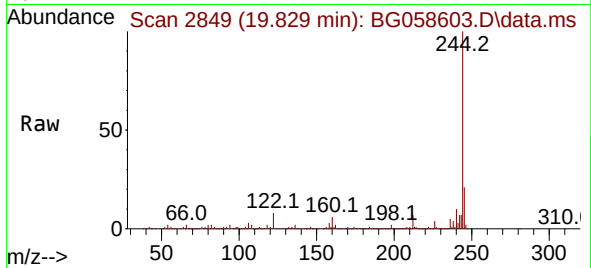




#77
Benzidine
Concen: 4.177 ng
RT: 19.829 min Scan# 2849
Delta R.T. 0.379 min
Lab File: BG058603.D
Acq: 4 Aug 2023 9:18

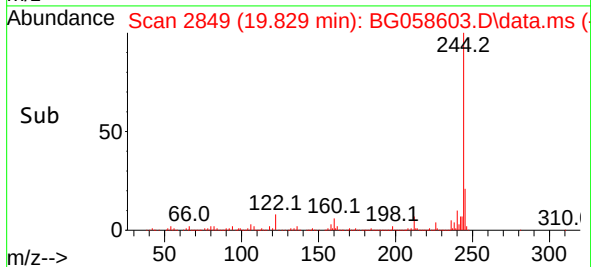
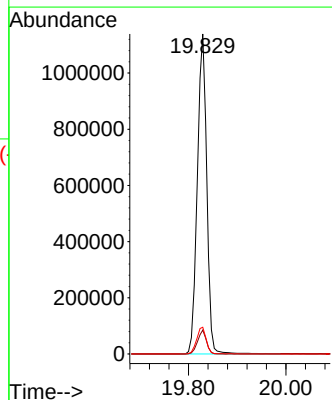
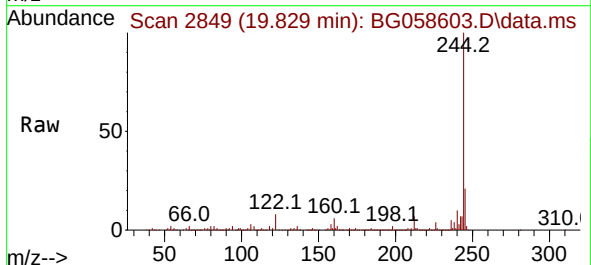
Instrument :
BNA_G
ClientSampleId :
PB154462BL

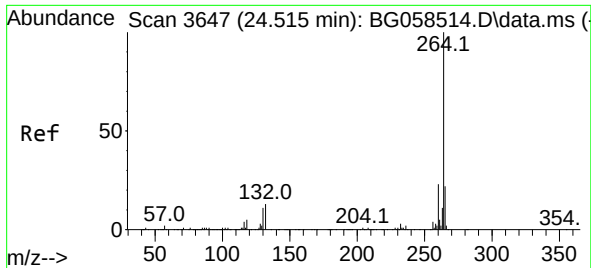
Tgt Ion:184 Resp: 19053
Ion Ratio Lower Upper
184 100
185 16.4 11.9 17.9
183 6.6 8.7 13.1#



#79
Terphenyl-d14
Concen: 96.520 ng
RT: 19.829 min Scan# 2849
Delta R.T. 0.003 min
Lab File: BG058603.D
Acq: 4 Aug 2023 9:18

Tgt Ion:244 Resp: 1544094
Ion Ratio Lower Upper
244 100
212 7.4 5.9 8.9
122 8.4 6.8 10.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.518 min Scan# 30
 Delta R.T. 0.003 min
 Lab File: BG058603.D
 Acq: 4 Aug 2023 9:18

Instrument :
 BNA_G
 ClientSampleId :
 PB154462BL

Tgt Ion:264 Resp: 367157
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.4 27.6
 265 22.6 17.9 26.9

