

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121923\
 Data File : BG060083.D
 Acq On : 19 Dec 2023 13:19
 Operator : MA/JU
 Sample : PB157746BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB157746BL

Quant Time: Dec 19 14:07:04 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 19 04:37:23 2023
 Response via : Initial Calibration

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

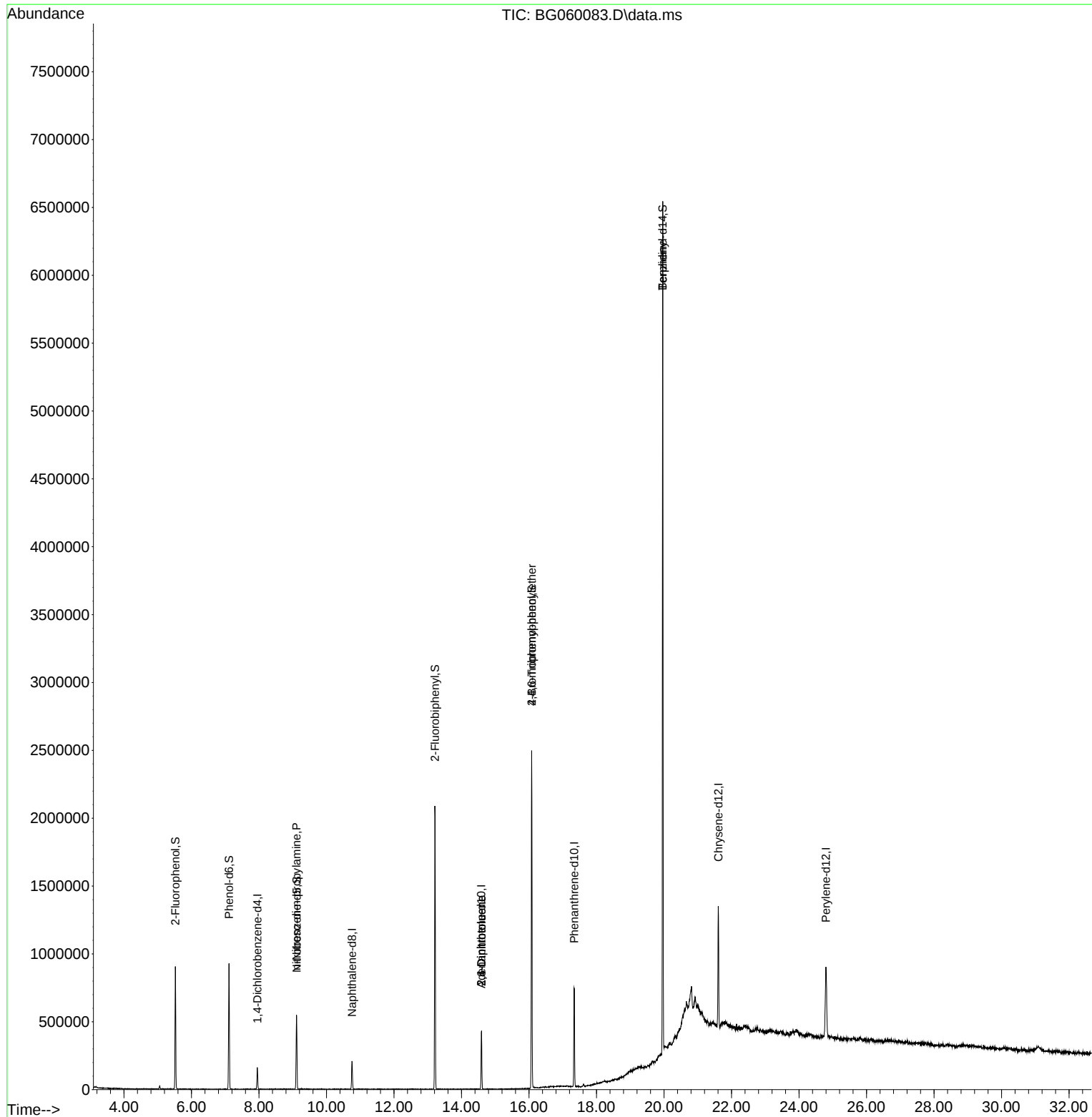
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.953	152	39476	20.000	ng	0.00
21) Naphthalene-d8	10.755	136	158014	20.000	ng	# 0.00
39) Acenaphthene-d10	14.586	164	154283	20.000	ng	-0.01
64) Phenanthrene-d10	17.336	188	528985	20.000	ng	#-0.01
76) Chrysene-d12	21.607	240	610589	20.000	ng	#-0.01
86) Perylene-d12	24.798	264	644402	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.526	112	299115	129.709	ng	0.00
7) Phenol-d6	7.112	99	416200	128.306	ng	0.00
23) Nitrobenzene-d5	9.116	82	307974	88.502	ng	0.00
42) 2,4,6-Tribromophenol	16.078	330	599152	166.639	ng	0.00
45) 2-Fluorobiphenyl	13.211	172	1142903	90.664	ng	0.00
79) Terphenyl-d14	19.962	244	3363587	100.574	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.110	70	44282	21.159	ng	# 78
51) 2,6-Dinitrotoluene	14.592	165	21255	8.568	ng	# 24
57) 2,4-Dinitrotoluene	14.592	165	21255	6.095	ng	# 27
67) 4-Bromophenyl-phenylether	16.078	248	38019	5.094	ng	# 1
69) Atrazine	16.672	200	70	Below Cal		# 34
77) Benzidine	19.962	184	55252	7.045	ng	# 84

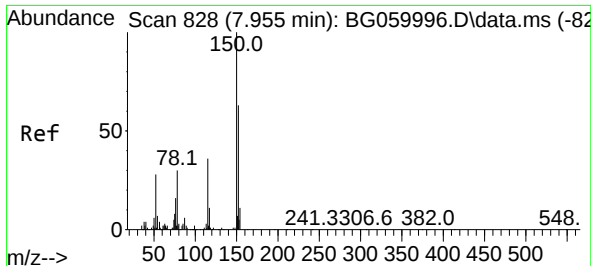
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121923\
Data File : BG060083.D
Acq On : 19 Dec 2023 13:19
Operator : MA/JU
Sample : PB157746BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB157746BL

Quant Time: Dec 19 14:07:04 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 19 04:37:23 2023
Response via : Initial Calibration

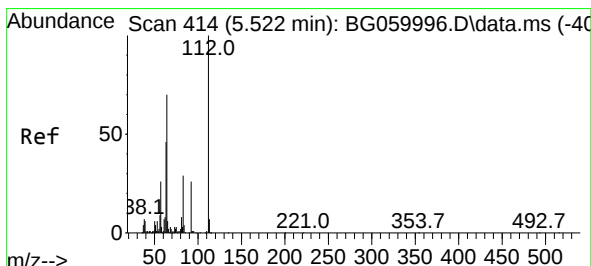
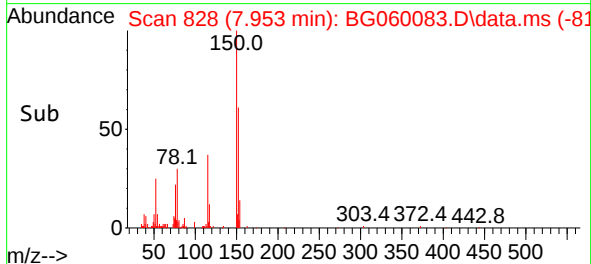
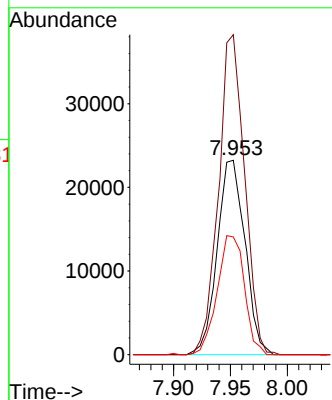
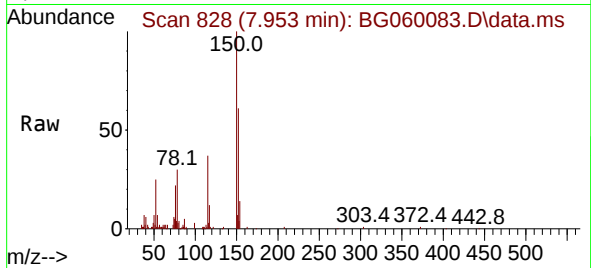




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.953 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BG060083.D
 Acq: 19 Dec 2023 13:19

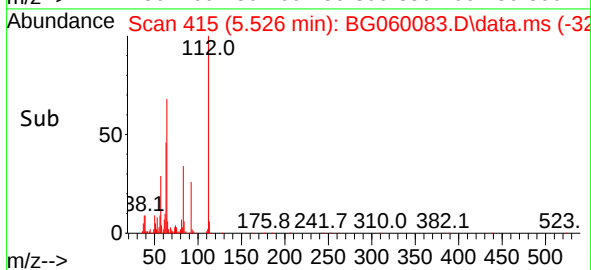
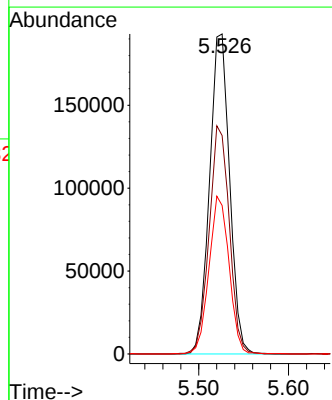
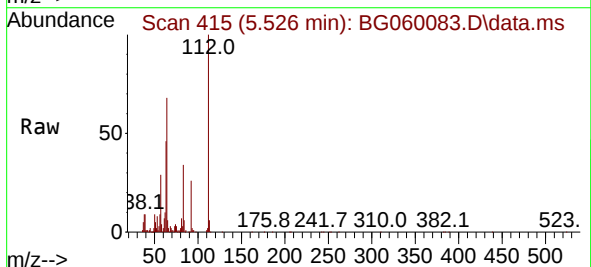
Instrument :
 BNA_G
 ClientSampleId :
 PB157746BL

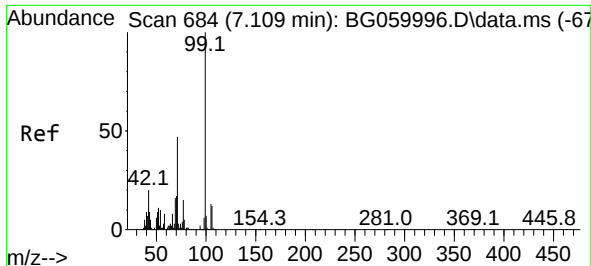
Tgt Ion:152 Resp: 39476
 Ion Ratio Lower Upper
 152 100
 150 164.6 127.0 190.6
 115 60.6 45.7 68.5



#5
 2-Fluorophenol
 Concen: 129.709 ng
 RT: 5.526 min Scan# 415
 Delta R.T. -0.000 min
 Lab File: BG060083.D
 Acq: 19 Dec 2023 13:19

Tgt Ion:112 Resp: 299115
 Ion Ratio Lower Upper
 112 100
 64 68.3 55.9 83.9
 63 46.4 36.5 54.7

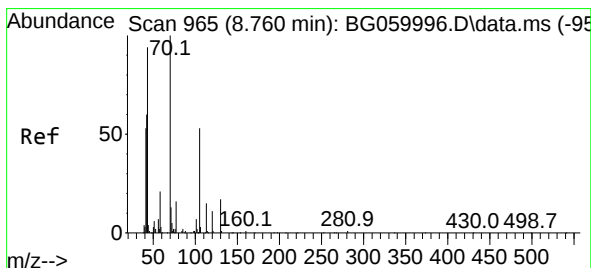
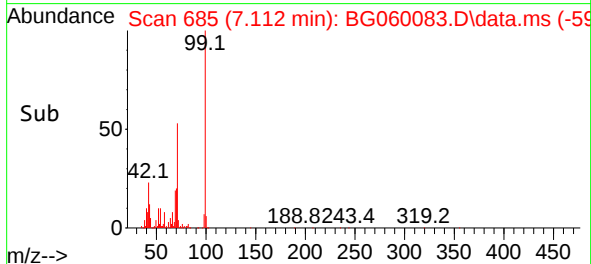
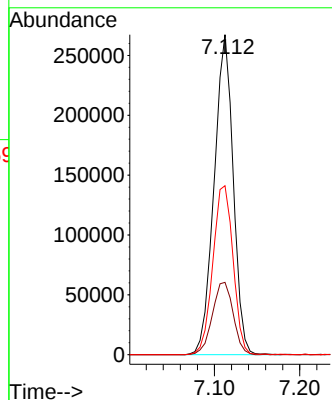
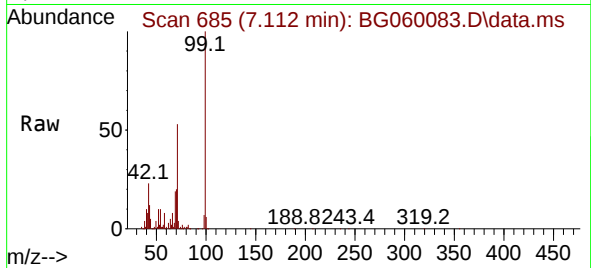




#7
Phenol-d6
Concen: 128.306 ng
RT: 7.112 min Scan# 61
Delta R.T. -0.000 min
Lab File: BG060083.D
Acq: 19 Dec 2023 13:19

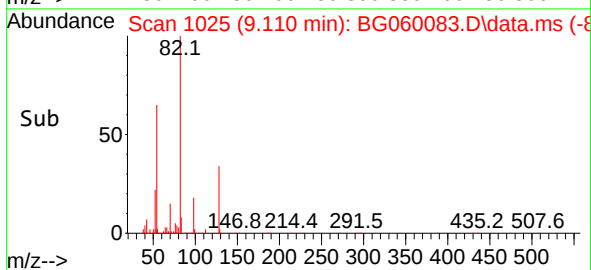
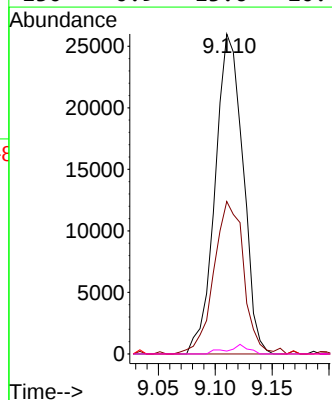
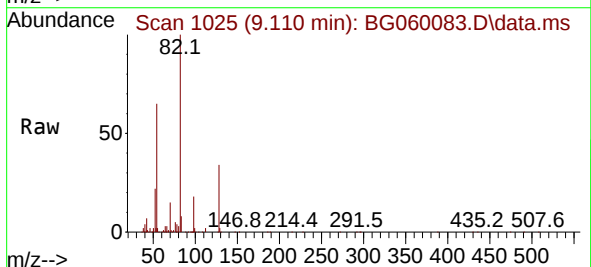
Instrument :
BNA_G
ClientSampleId :
PB157746BL

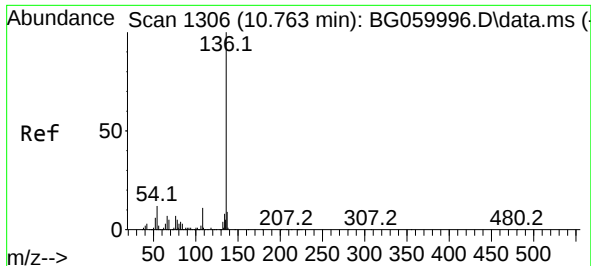
Tgt Ion: 99 Resp: 416200
Ion Ratio Lower Upper
99 100
42 22.6 16.2 24.4
71 52.8 37.6 56.4



#19
n-Nitroso-di-n-propylamine
Concen: 21.159 ng
RT: 9.110 min Scan# 1025
Delta R.T. 0.346 min
Lab File: BG060083.D
Acq: 19 Dec 2023 13:19

Tgt Ion: 70 Resp: 44282
Ion Ratio Lower Upper
70 100
42 47.7 48.6 73.0#
101 0.0 5.7 8.5#
130 0.9 13.6 20.4#

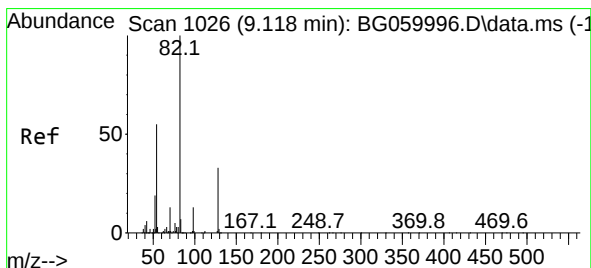
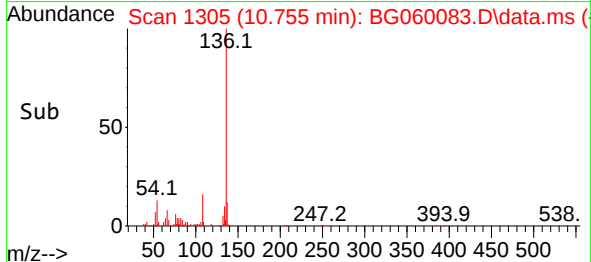
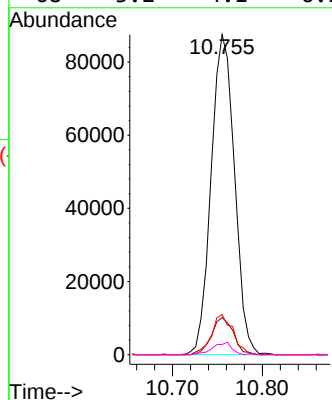
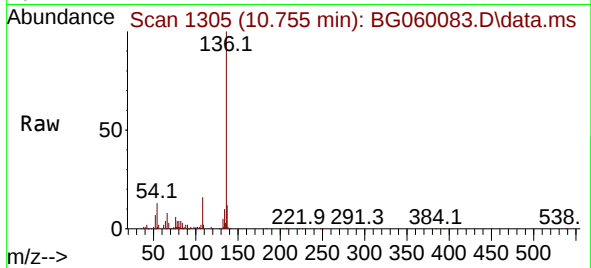




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.755 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG060083.D
Acq: 19 Dec 2023 13:19

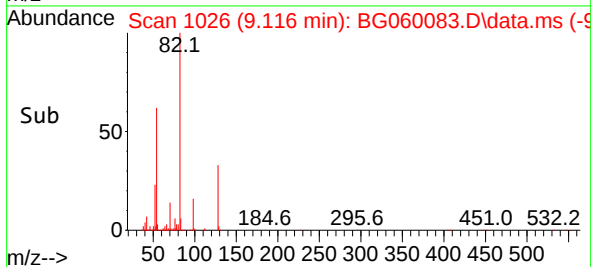
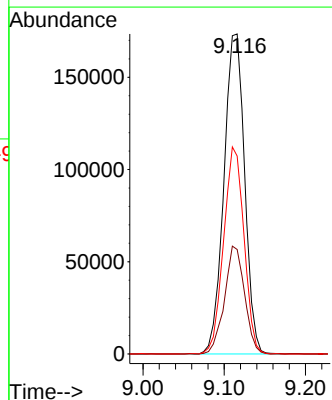
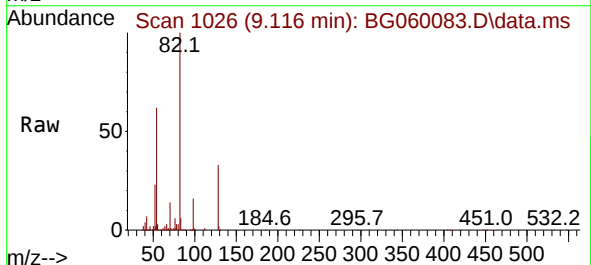
Instrument :
BNA_G
ClientSampleId :
PB157746BL

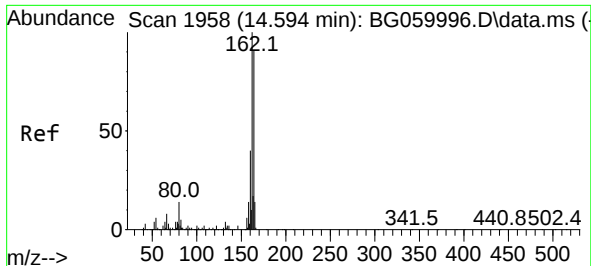
Tgt Ion:136 Resp: 158014
Ion Ratio Lower Upper
136 100
137 11.6 7.3 10.9#
54 12.6 9.6 14.4
68 3.2 4.1 6.1#



#23
Nitrobenzene-d5
Concen: 88.502 ng
RT: 9.116 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BG060083.D
Acq: 19 Dec 2023 13:19

Tgt Ion: 82 Resp: 307974
Ion Ratio Lower Upper
82 100
128 32.7 26.3 39.5
54 61.8 44.3 66.5

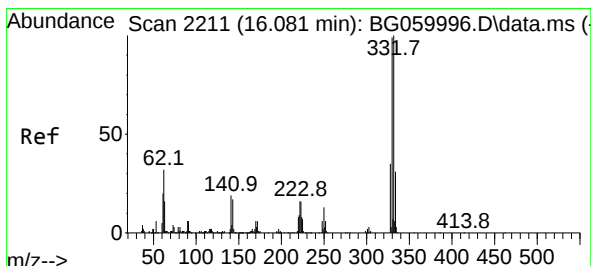
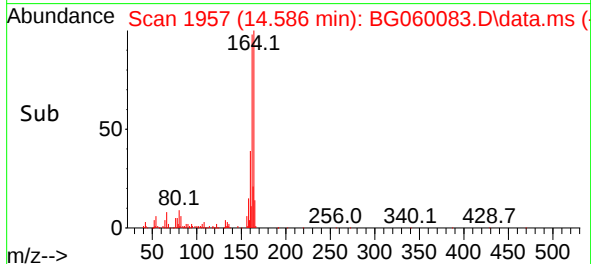
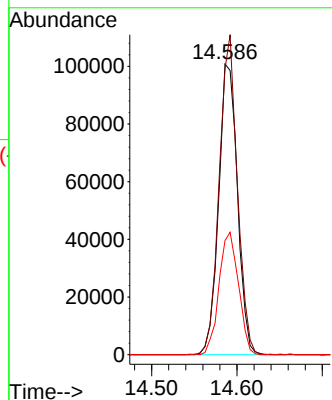
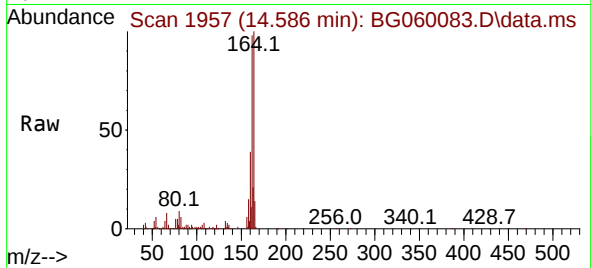




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.586 min Scan# 1957
Delta R.T. -0.012 min
Lab File: BG060083.D
Acq: 19 Dec 2023 13:19

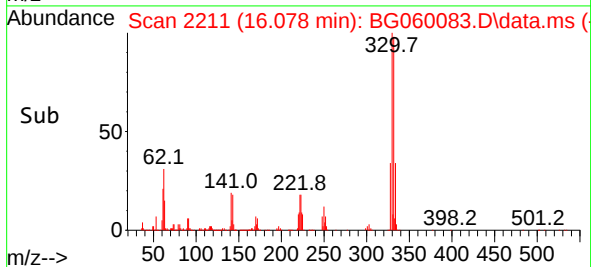
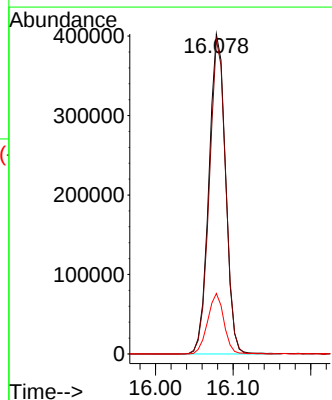
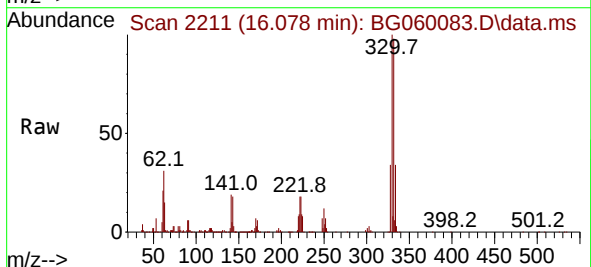
Instrument :
BNA_G
ClientSampleId :
PB157746BL

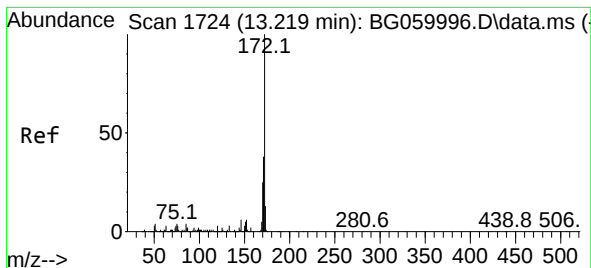
Tgt Ion:164 Resp: 154283
Ion Ratio Lower Upper
164 100
162 98.3 88.1 132.1
160 39.3 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 166.639 ng
RT: 16.078 min Scan# 2211
Delta R.T. -0.006 min
Lab File: BG060083.D
Acq: 19 Dec 2023 13:19

Tgt Ion:330 Resp: 599152
Ion Ratio Lower Upper
330 100
332 96.5 76.2 114.4
141 18.5 14.3 21.5

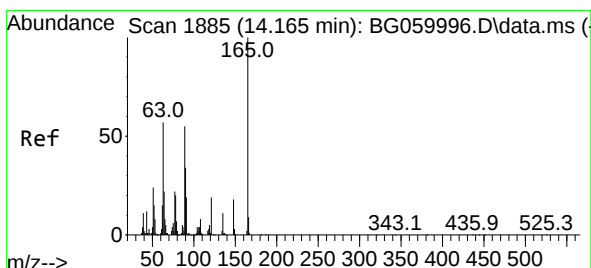
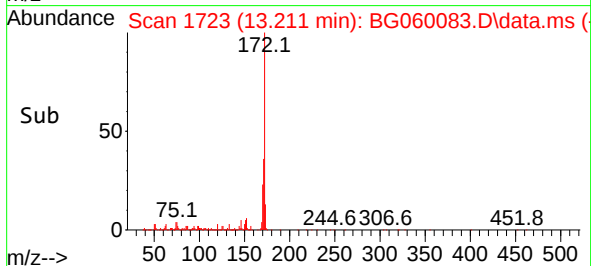
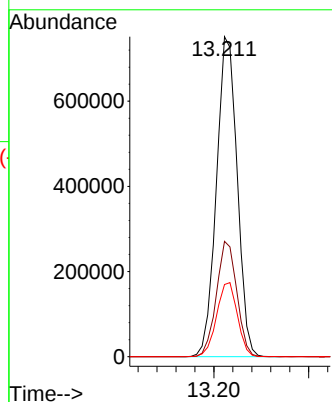
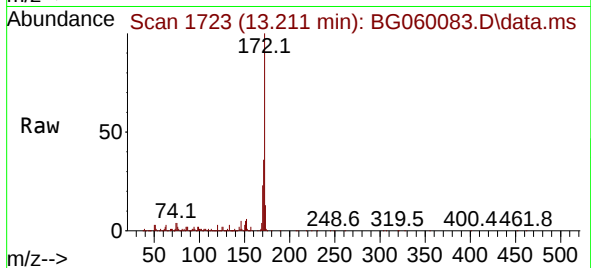




#45
2-Fluorobiphenyl
Concen: 90.664 ng
RT: 13.211 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG060083.D
Acq: 19 Dec 2023 13:19

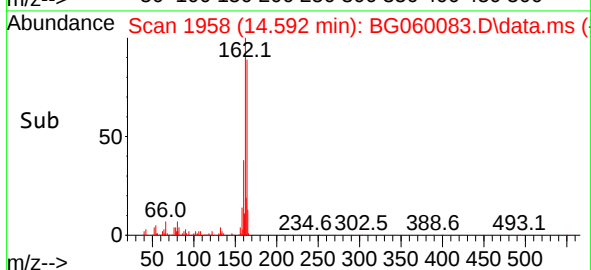
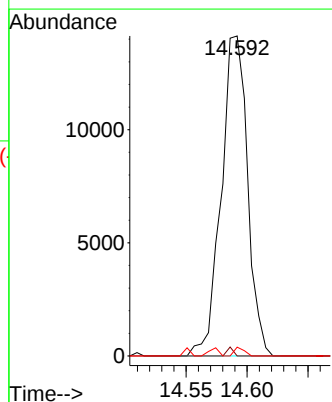
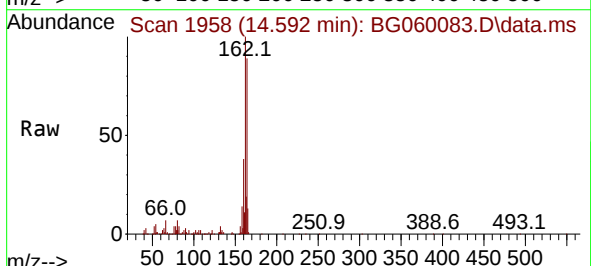
Instrument :
BNA_G
ClientSampleId :
PB157746BL

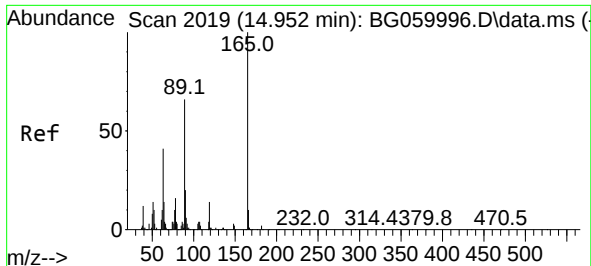
Tgt Ion:172 Resp: 1142903
Ion Ratio Lower Upper
172 100
171 36.1 30.1 45.1
170 22.6 20.0 30.0



#51
2,6-Dinitrotoluene
Concen: 8.568 ng
RT: 14.592 min Scan# 1958
Delta R.T. 0.423 min
Lab File: BG060083.D
Acq: 19 Dec 2023 13:19

Tgt Ion:165 Resp: 21255
Ion Ratio Lower Upper
165 100
63 0.0 48.2 72.2#
89 2.7 44.4 66.6#

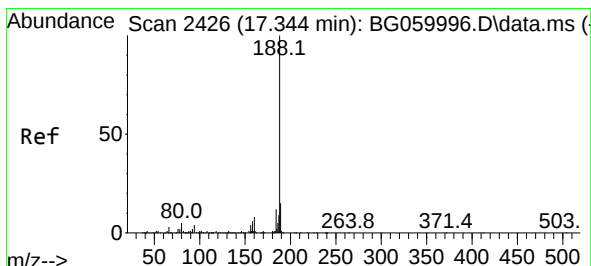
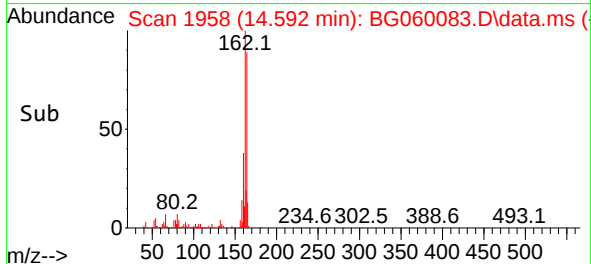
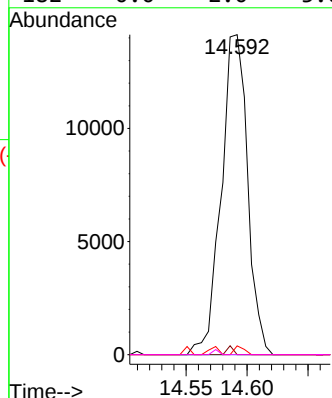
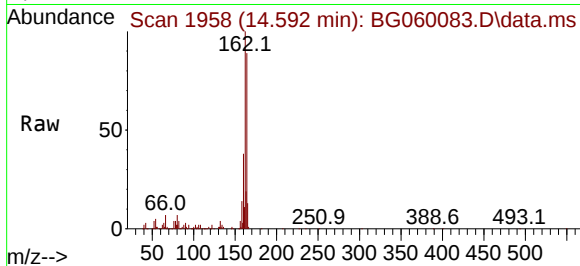




#57
2,4-Dinitrotoluene
Concen: 6.095 ng
RT: 14.592 min Scan# 1958
Delta R.T. -0.359 min
Lab File: BG060083.D
Acq: 19 Dec 2023 13:19

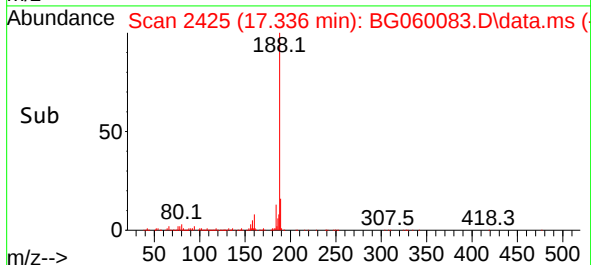
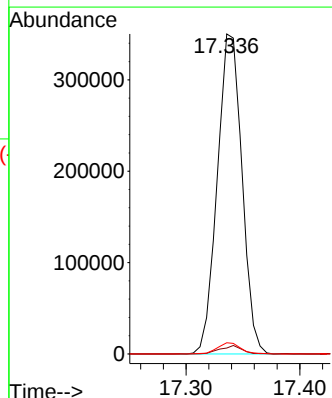
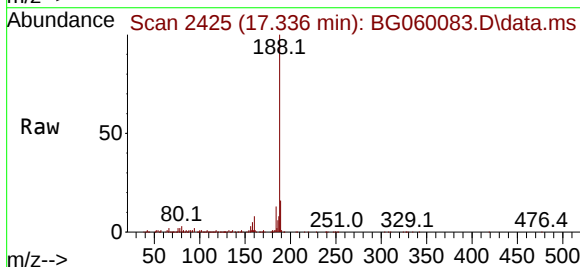
Instrument :
BNA_G
ClientSampleId :
PB157746BL

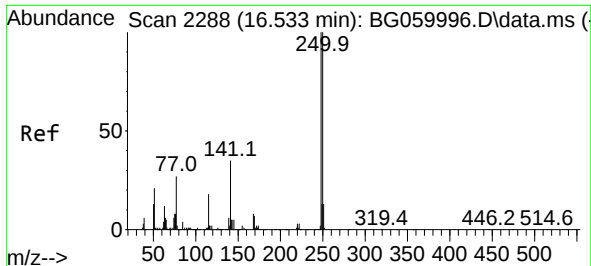
Tgt Ion:165 Resp: 21255
Ion Ratio Lower Upper
165 100
63 0.0 32.8 49.2#
89 2.7 53.0 79.6#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.336 min Scan# 2425
Delta R.T. -0.012 min
Lab File: BG060083.D
Acq: 19 Dec 2023 13:19

Tgt Ion:188 Resp: 528985
Ion Ratio Lower Upper
188 100
94 1.9 3.0 4.6#
80 3.5 4.0 6.0#

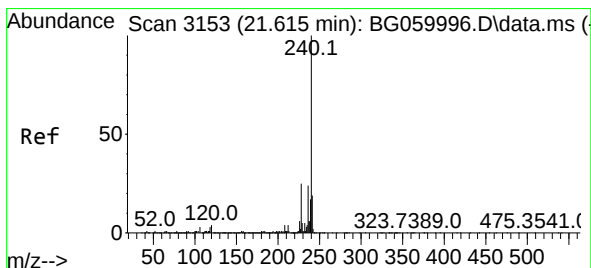
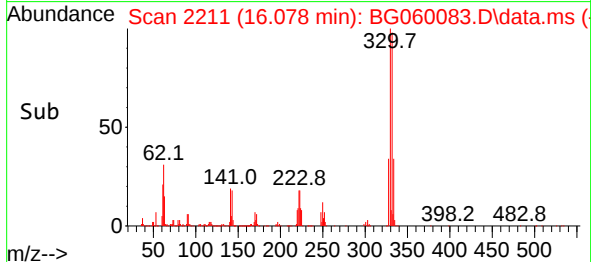
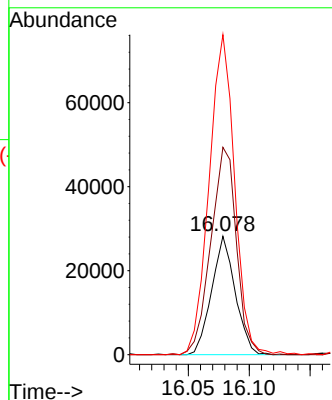
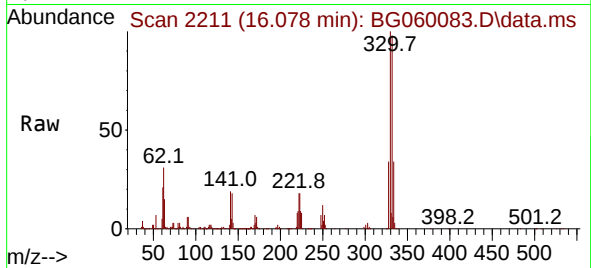




#67
4-Bromophenyl-phenylether
Concen: 5.094 ng
RT: 16.078 min Scan# 211
Delta R.T. -0.458 min
Lab File: BG060083.D
Acq: 19 Dec 2023 13:19

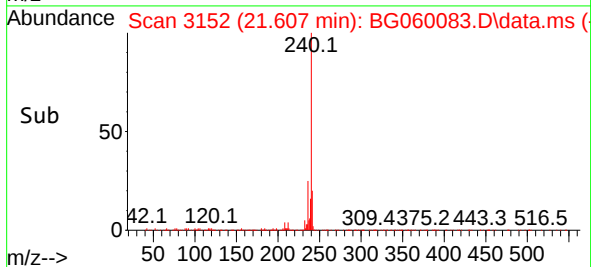
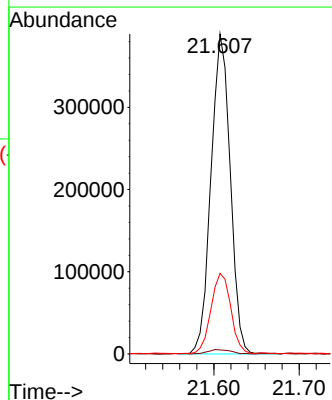
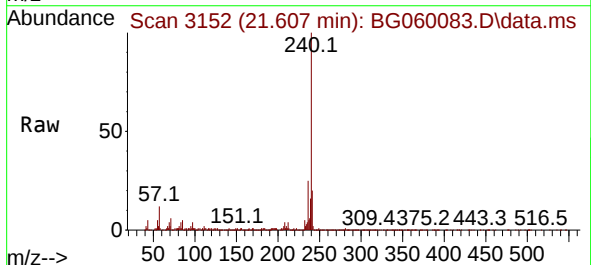
Instrument :
BNA_G
ClientSampleId :
PB157746BL

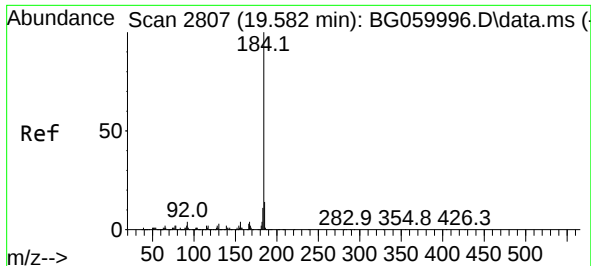
Tgt Ion:248 Resp: 38019
Ion Ratio Lower Upper
248 100
250 175.1 79.9 119.9#
141 270.3 28.3 42.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.607 min Scan# 3152
Delta R.T. -0.012 min
Lab File: BG060083.D
Acq: 19 Dec 2023 13:19

Tgt Ion:240 Resp: 610589
Ion Ratio Lower Upper
240 100
120 1.3 2.9 4.3#
236 25.2 19.4 29.2

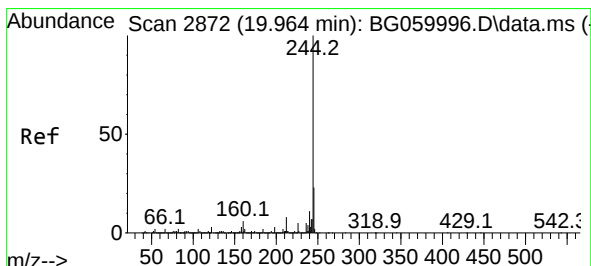
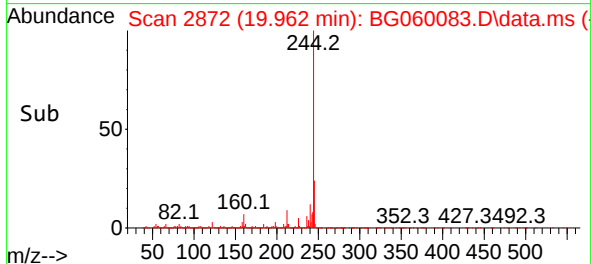
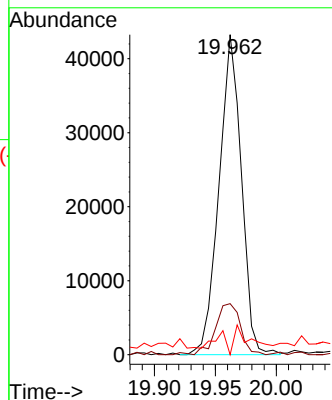
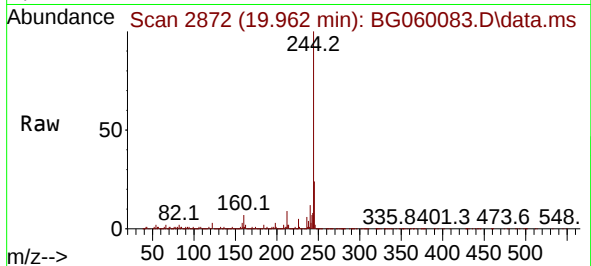




#77
Benzidine
Concen: 7.045 ng
RT: 19.962 min Scan# 2872
Delta R.T. 0.376 min
Lab File: BG060083.D
Acq: 19 Dec 2023 13:19

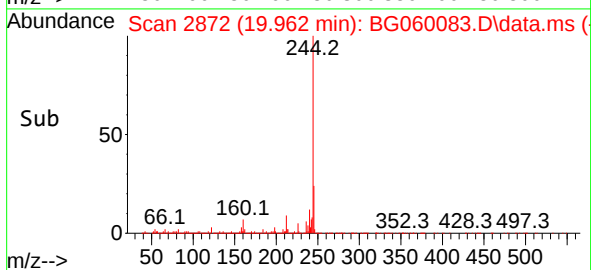
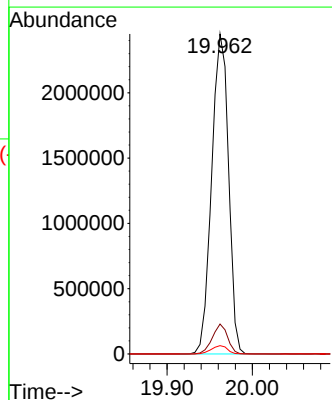
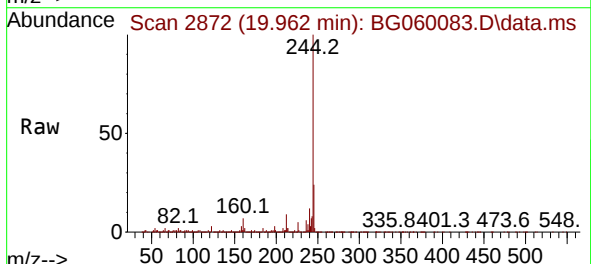
Instrument :
BNA_G
ClientSampleId :
PB157746BL

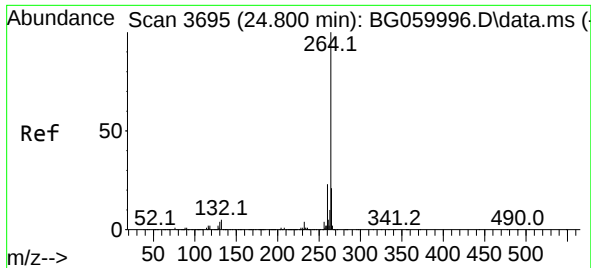
Tgt Ion:184 Resp: 55252
Ion Ratio Lower Upper
184 100
185 15.9 11.1 16.7
183 0.0 9.0 13.4#



#79
Terphenyl-d14
Concen: 100.574 ng
RT: 19.962 min Scan# 2872
Delta R.T. -0.006 min
Lab File: BG060083.D
Acq: 19 Dec 2023 13:19

Tgt Ion:244 Resp: 3363587
Ion Ratio Lower Upper
244 100
212 9.4 6.8 10.2
122 2.6 2.6 3.8





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.798 min Scan# 30
Delta R.T. -0.018 min
Lab File: BG060083.D
Acq: 19 Dec 2023 13:19

Instrument :
BNA_G
ClientSampleId :
PB157746BL

Tgt Ion:264 Resp: 644402
Ion Ratio Lower Upper
264 100
260 23.9 18.5 27.7
265 21.4 17.3 25.9

