

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011123\
 Data File : BG056257.D
 Acq On : 11 Jan 2023 19:24
 Operator : CG/JU
 Sample : 01055-05
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MH-G

Quant Time: Jan 12 04:22:54 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 12 03:38:40 2023
 Response via : Initial Calibration

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

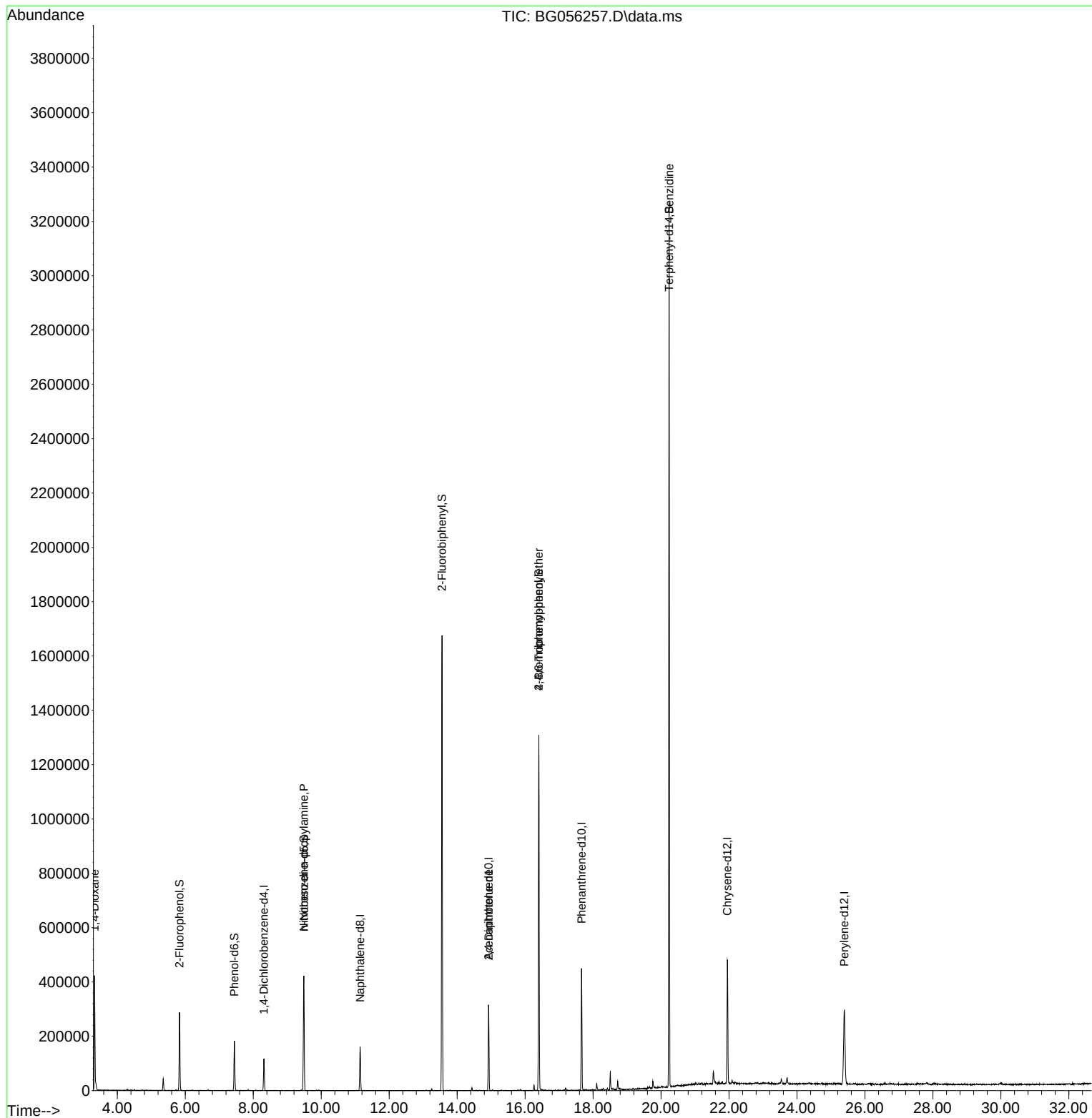
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.315	152	38790	20.000	ng	0.00
21) Naphthalene-d8	11.147	136	144568	20.000	ng	0.00
39) Acenaphthene-d10	14.924	164	123486	20.000	ng	0.00
64) Phenanthrene-d10	17.662	188	320844	20.000	ng	0.00
76) Chrysene-d12	21.951	240	315552	20.000	ng	# 0.00
86) Perylene-d12	25.389	264	343182	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.829	112	164512	75.725	ng	0.00
7) Phenol-d6	7.445	99	138900	41.632	ng	0.00
23) Nitrobenzene-d5	9.490	82	302759	107.123	ng	0.00
42) 2,4,6-Tribromophenol	16.405	330	257826	164.858	ng	0.00
45) 2-Fluorobiphenyl	13.555	172	948906	106.113	ng	0.00
79) Terphenyl-d14	20.236	244	1779484	101.002	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.332	88	5274	5.315	ng	# 1
19) n-Nitroso-di-n-propyla...	9.490	70	37348	18.409	ng	# 76
57) 2,4-Dinitrotoluene	14.924	165	15604	5.253	ng	# 28
67) 4-Bromophenyl-phenylether	16.405	248	22064	5.400	ng	# 1
77) Benzidine	20.242	184	25883	2.341	ng	# 94

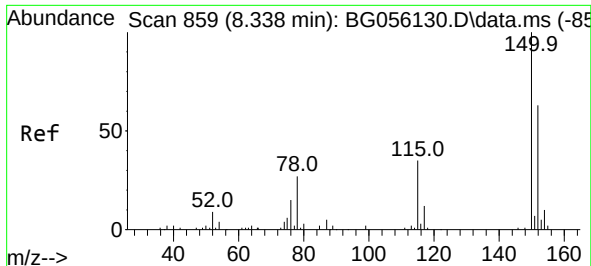
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011123\
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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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Quant Time: Jan 12 04:22:54 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 12 03:38:40 2023
Response via : Initial Calibration

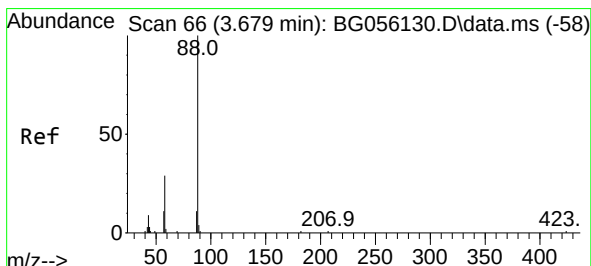
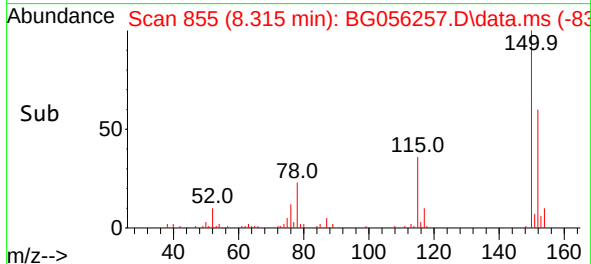
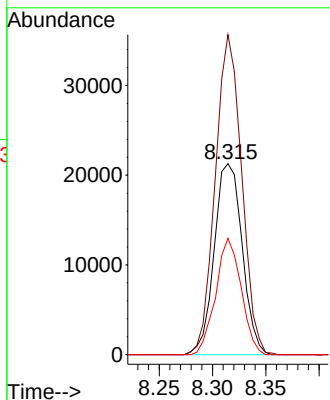
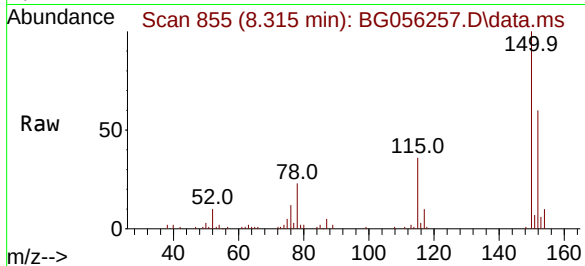




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.315 min Scan# 8
 Delta R.T. -0.002 min
 Lab File: BG056257.D
 Acq: 11 Jan 2023 19:24

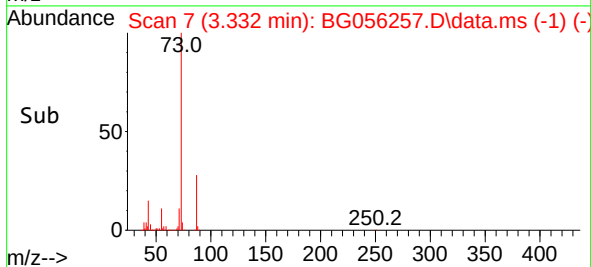
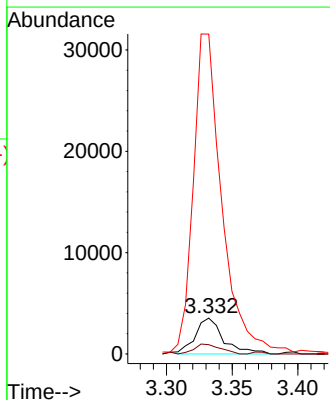
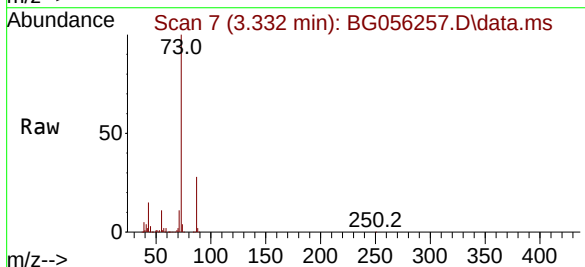
Instrument :
 BNA_G
 ClientSampleId :
 MH-G

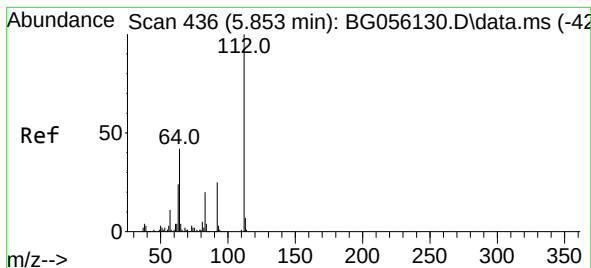
Tgt Ion:152 Resp: 38790
 Ion Ratio Lower Upper
 152 100
 150 167.5 127.9 191.9
 115 60.9 44.2 66.2



#2
 1,4-Dioxane
 Concen: 5.315 ng
 RT: 3.332 min Scan# 7
 Delta R.T. -0.314 min
 Lab File: BG056257.D
 Acq: 11 Jan 2023 19:24

Tgt Ion: 88 Resp: 5274
 Ion Ratio Lower Upper
 88 100
 58 25.4 21.4 32.0
 43 893.0 7.1 10.7#

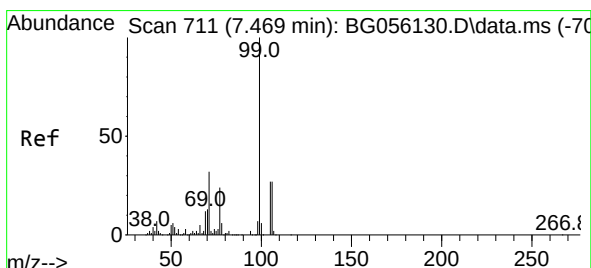
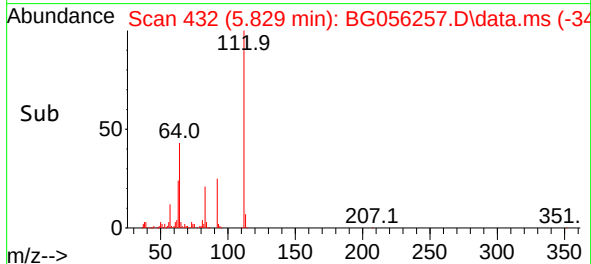
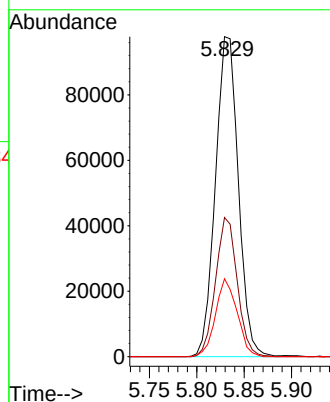
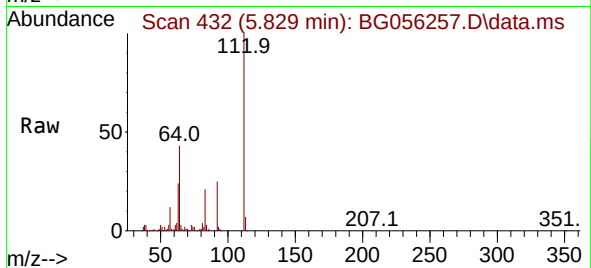




#5
2-Fluorophenol
Concen: 75.725 ng
RT: 5.829 min Scan# 41
Delta R.T. 0.004 min
Lab File: BG056257.D
Acq: 11 Jan 2023 19:24

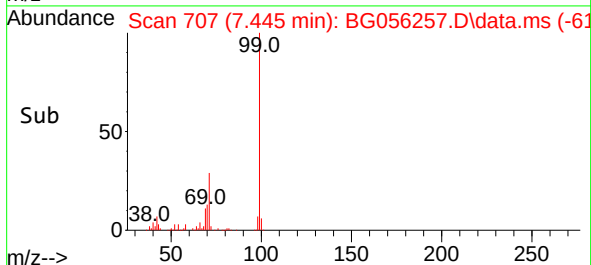
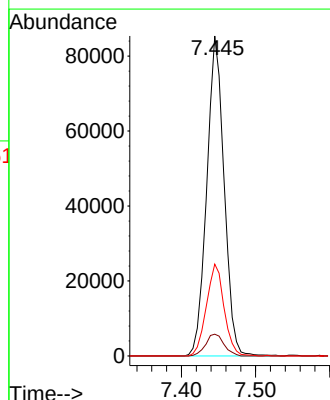
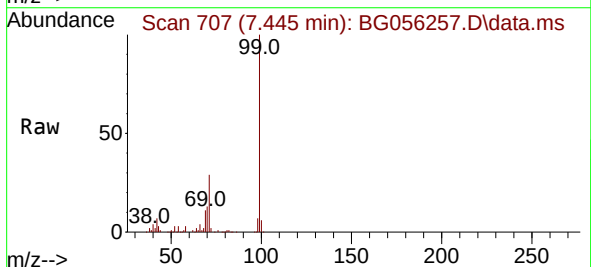
Instrument :
BNA_G
ClientSampleId :
MH-G

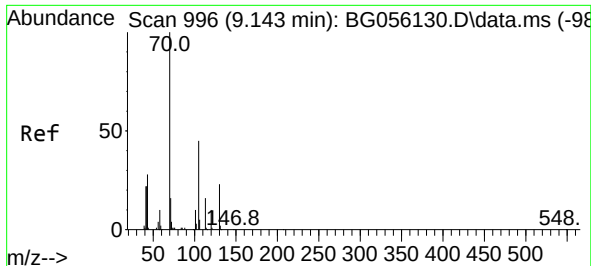
Tgt Ion:112 Resp: 164512
Ion Ratio Lower Upper
112 100
64 43.5 33.3 49.9
63 24.4 19.0 28.4



#7
Phenol-d6
Concen: 41.632 ng
RT: 7.445 min Scan# 707
Delta R.T. -0.002 min
Lab File: BG056257.D
Acq: 11 Jan 2023 19:24

Tgt Ion: 99 Resp: 138900
Ion Ratio Lower Upper
99 100
42 6.8 5.9 8.9
71 28.7 25.4 38.2

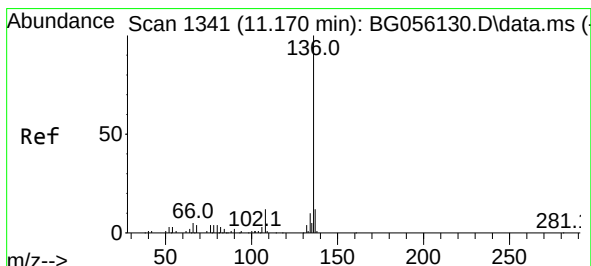
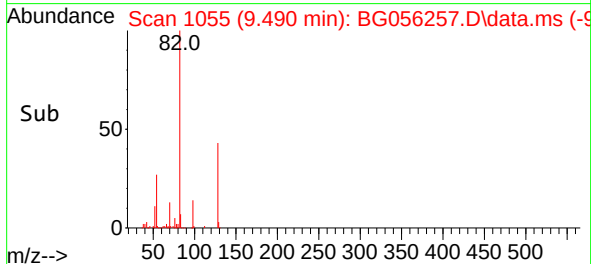
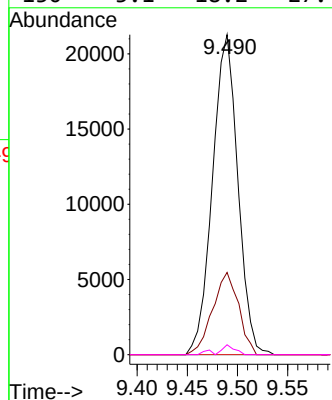
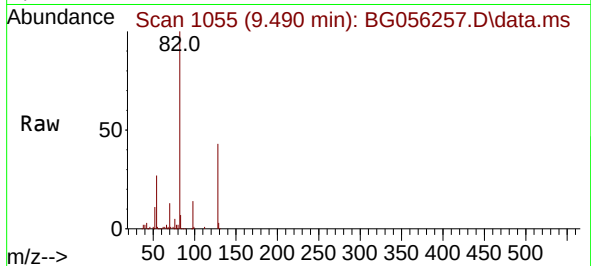




#19
n-Nitroso-di-n-propylamine
Concen: 18.409 ng
RT: 9.490 min Scan# 1055
Delta R.T. 0.374 min
Lab File: BG056257.D
Acq: 11 Jan 2023 19:24

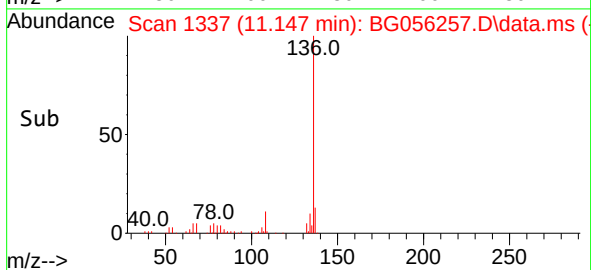
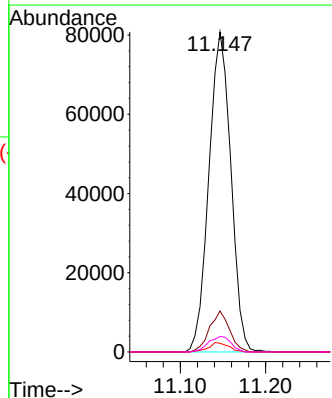
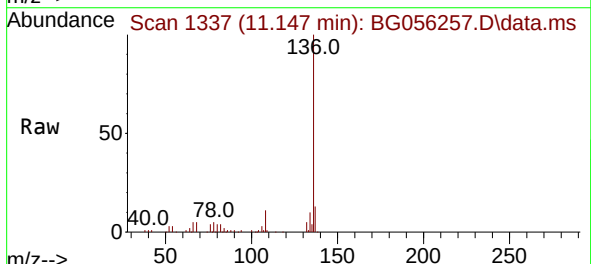
Instrument :
BNA_G
ClientSampleId :
MH-G

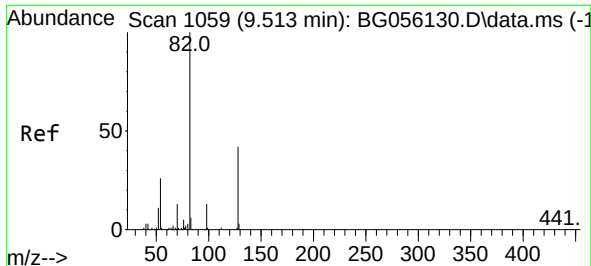
Tgt Ion: 70	Resp:	37348
Ion	Ratio	Lower Upper
70	100	
42	25.7	18.2 27.2
101	0.0	8.3 12.5#
130	3.1	18.2 27.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.147 min Scan# 1337
Delta R.T. -0.002 min
Lab File: BG056257.D
Acq: 11 Jan 2023 19:24

Tgt Ion: 136	Resp:	144568
Ion	Ratio	Lower Upper
136	100	
137	12.8	9.4 14.0
54	2.7	2.2 3.2
68	4.8	3.4 5.0

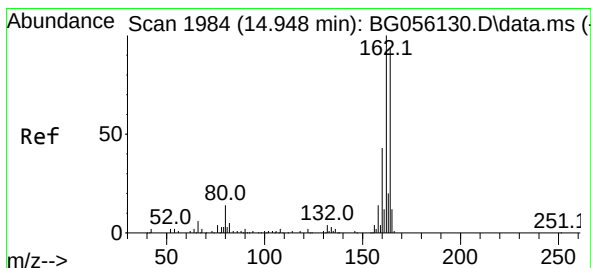
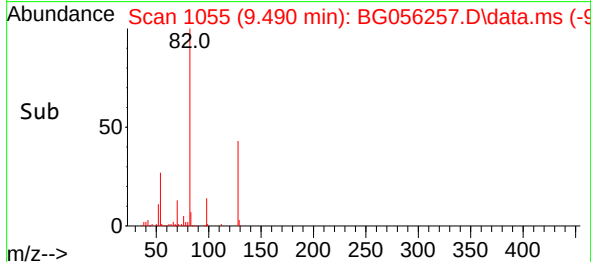
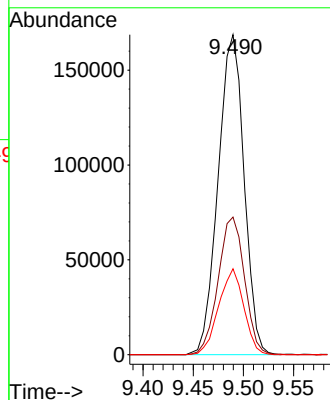
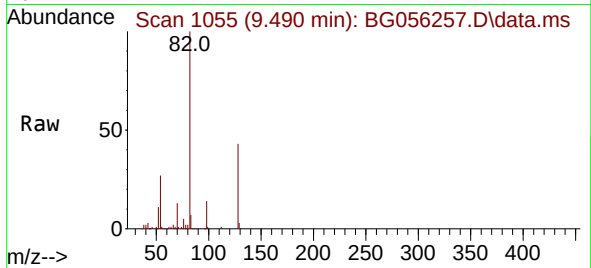




#23
Nitrobenzene-d5
Concen: 107.123 ng
RT: 9.490 min Scan# 1055
Delta R.T. -0.002 min
Lab File: BG056257.D
Acq: 11 Jan 2023 19:24

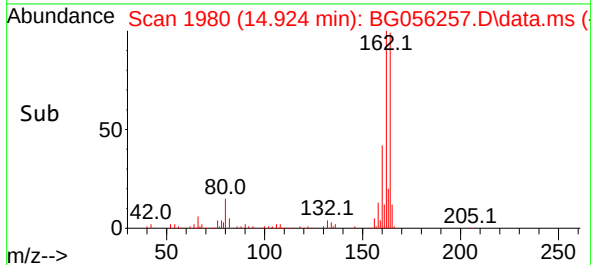
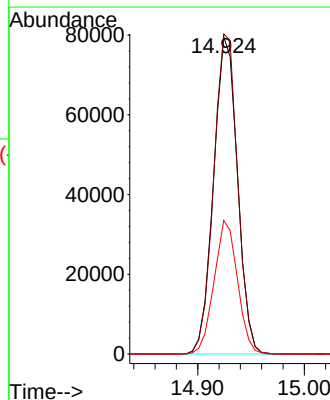
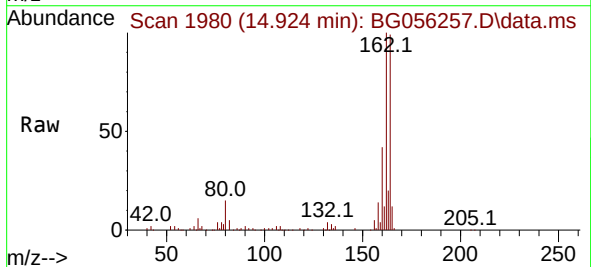
Instrument :
BNA_G
ClientSampleId :
MH-G

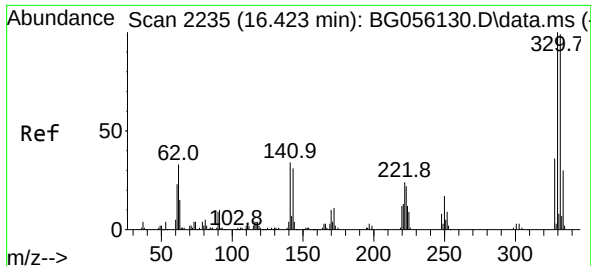
Tgt Ion: 82 Resp: 302759
Ion Ratio Lower Upper
82 100
128 43.0 33.4 50.2
54 26.9 20.3 30.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.924 min Scan# 1980
Delta R.T. -0.002 min
Lab File: BG056257.D
Acq: 11 Jan 2023 19:24

Tgt Ion:164 Resp: 123486
Ion Ratio Lower Upper
164 100
162 100.9 84.7 127.1
160 42.1 36.3 54.5

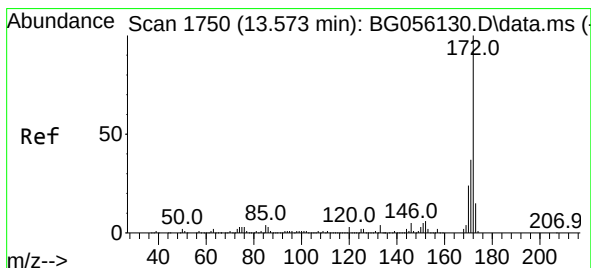
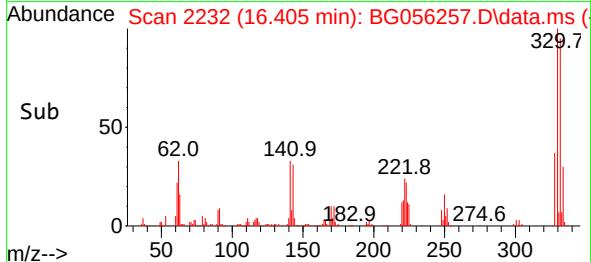
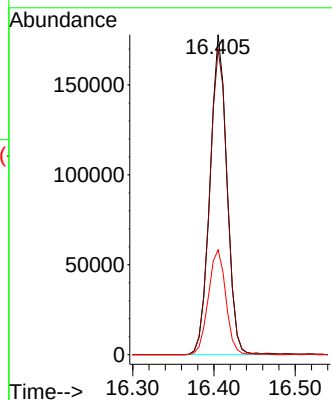
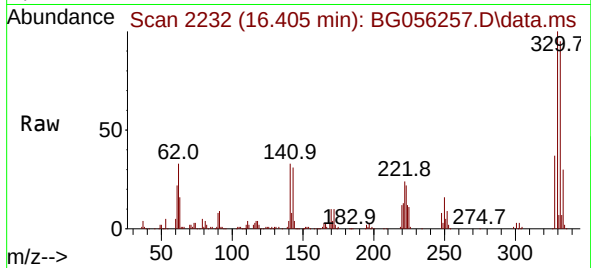




#42
2,4,6-Tribromophenol
Concen: 164.858 ng
RT: 16.405 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG056257.D
Acq: 11 Jan 2023 19:24

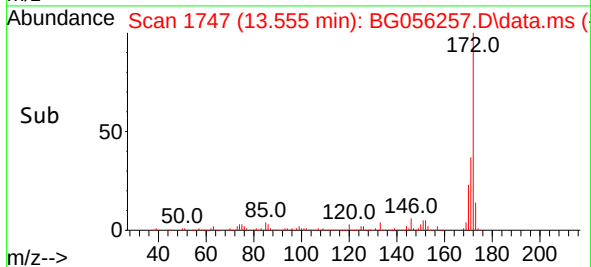
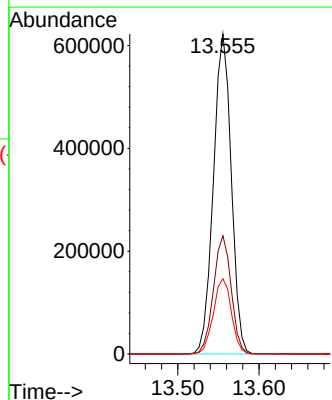
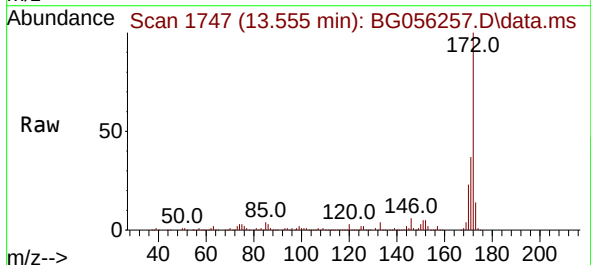
Instrument :
BNA_G
ClientSampleId :
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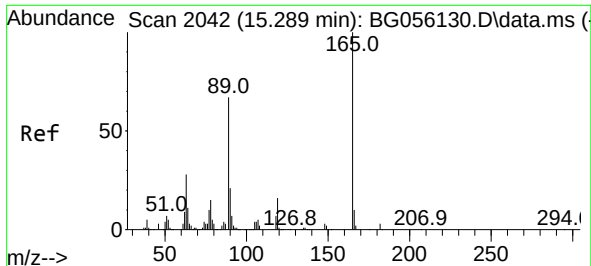
Tgt Ion:330 Resp: 257826
Ion Ratio Lower Upper
330 100
332 98.4 77.3 115.9
141 33.9 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 106.113 ng
RT: 13.555 min Scan# 1747
Delta R.T. -0.002 min
Lab File: BG056257.D
Acq: 11 Jan 2023 19:24

Tgt Ion:172 Resp: 948906
Ion Ratio Lower Upper
172 100
171 37.0 29.6 44.4
170 23.5 19.4 29.2

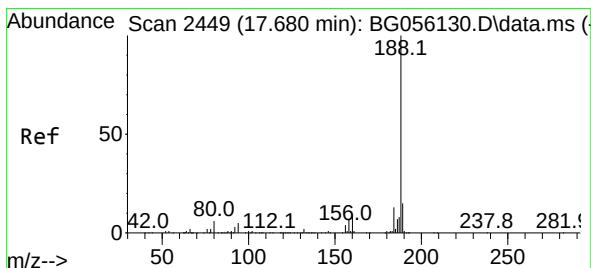
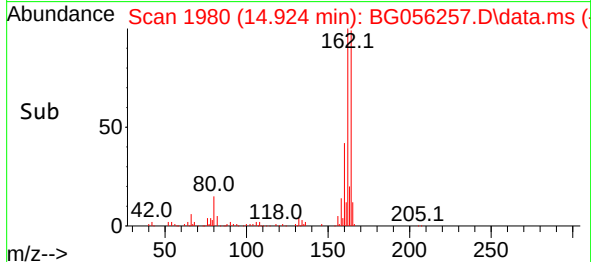
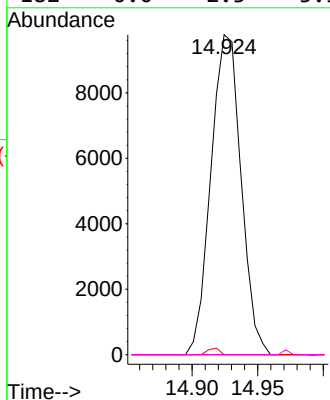
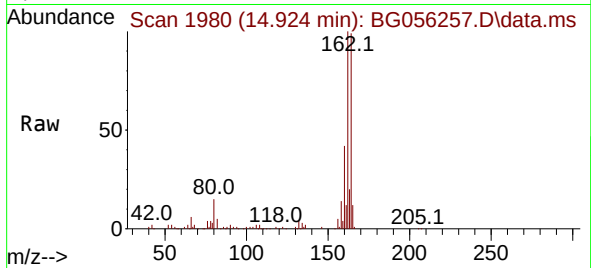




#57
2,4-Dinitrotoluene
Concen: 5.253 ng
RT: 14.924 min Scan# 1980
Delta R.T. -0.349 min
Lab File: BG056257.D
Acq: 11 Jan 2023 19:24

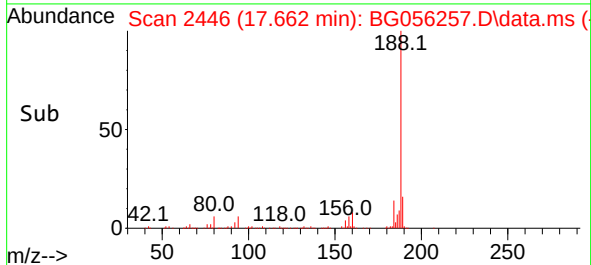
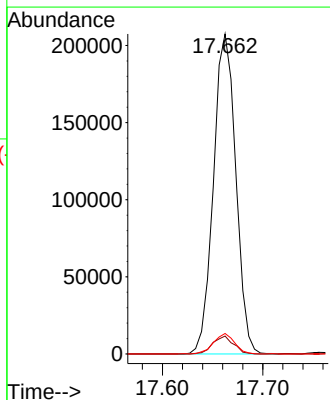
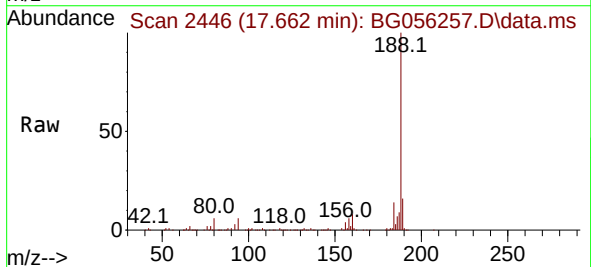
Instrument :
BNA_G
ClientSampleId :
MH-G

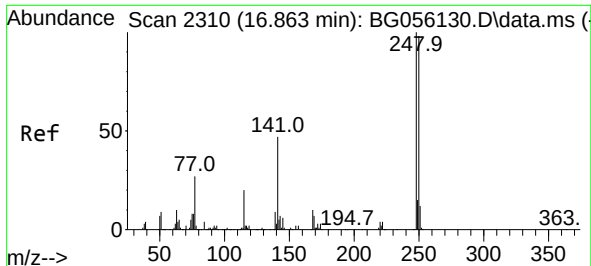
Tgt Ion:165 Resp: 15604
Ion Ratio Lower Upper
165 100
63 0.0 22.6 34.0#
89 0.0 53.2 79.8#
182 0.0 2.3 3.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.662 min Scan# 2446
Delta R.T. -0.002 min
Lab File: BG056257.D
Acq: 11 Jan 2023 19:24

Tgt Ion:188 Resp: 320844
Ion Ratio Lower Upper
188 100
94 5.6 4.2 6.2
80 6.4 5.0 7.4

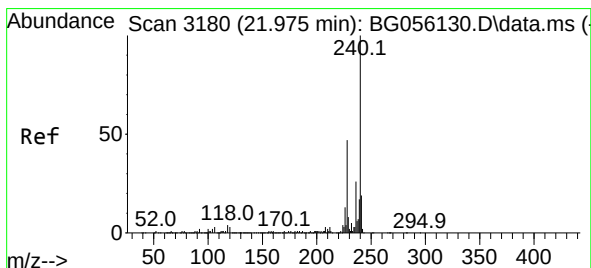
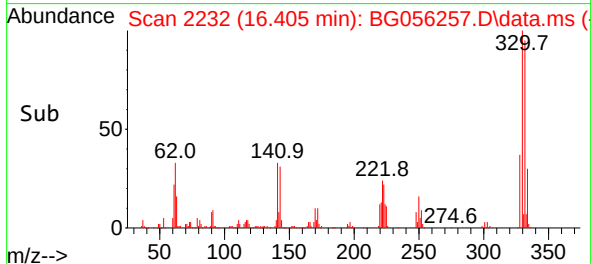
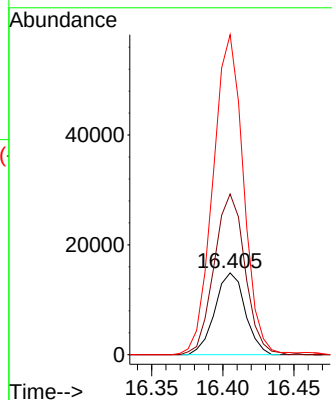
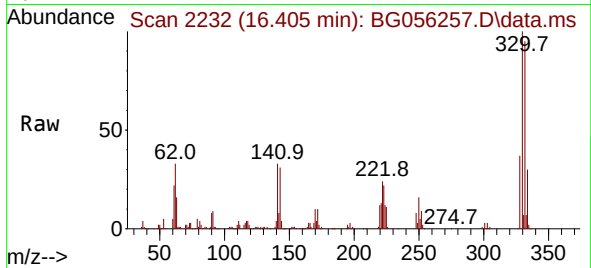




#67
4-Bromophenyl-phenylether
Concen: 5.400 ng
RT: 16.405 min Scan# 21
Delta R.T. -0.443 min
Lab File: BG056257.D
Acq: 11 Jan 2023 19:24

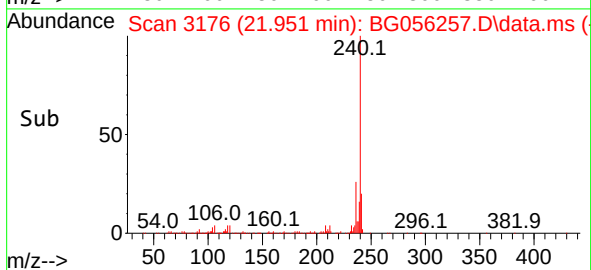
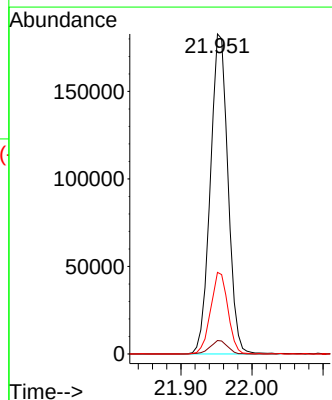
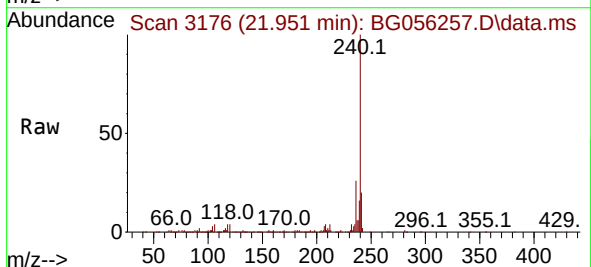
Instrument :
BNA_G
ClientSampleId :
MH-G

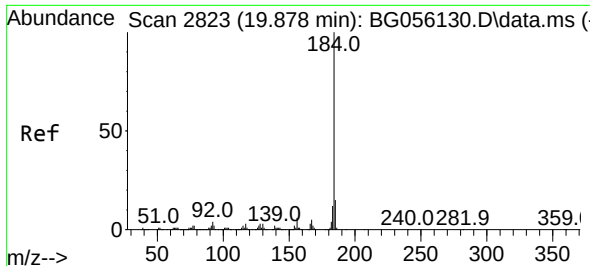
Tgt Ion:248 Resp: 22064
Ion Ratio Lower Upper
248 100
250 196.5 78.2 117.4#
141 391.2 37.6 56.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.951 min Scan# 3176
Delta R.T. -0.008 min
Lab File: BG056257.D
Acq: 11 Jan 2023 19:24

Tgt Ion:240 Resp: 315552
Ion Ratio Lower Upper
240 100
120 4.2 2.6 4.0#
236 25.5 20.8 31.2

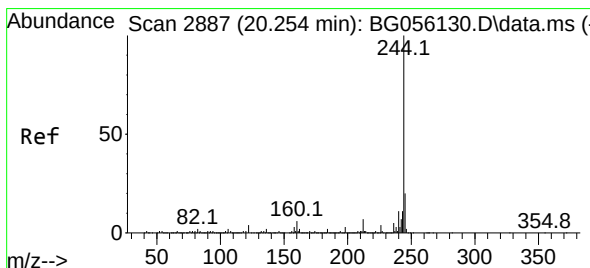
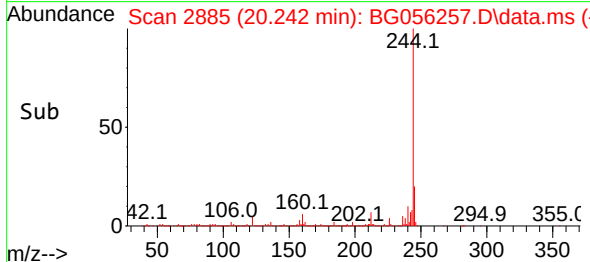
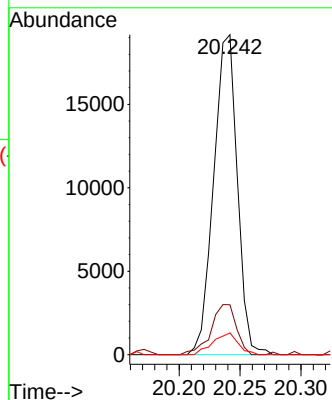
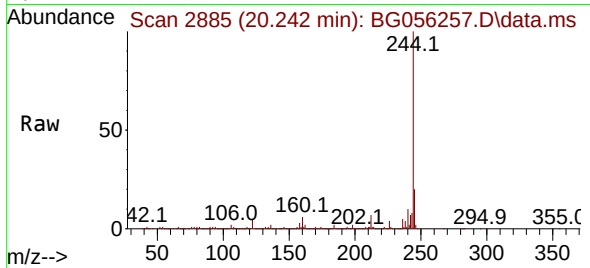




#77
Benzidine
Concen: 2.341 ng
RT: 20.242 min Scan# 2885
Delta R.T. 0.380 min
Lab File: BG056257.D
Acq: 11 Jan 2023 19:24

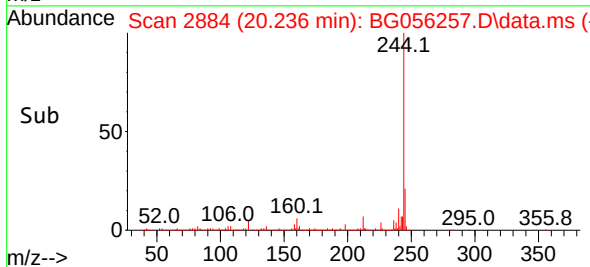
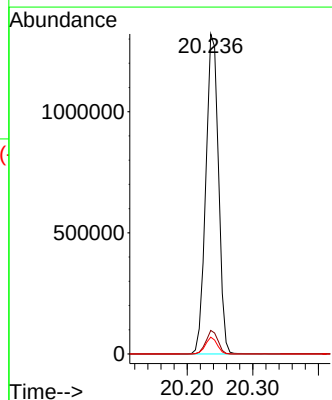
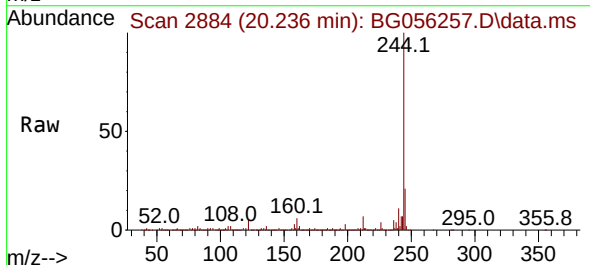
Instrument :
BNA_G
ClientSampleId :
MH-G

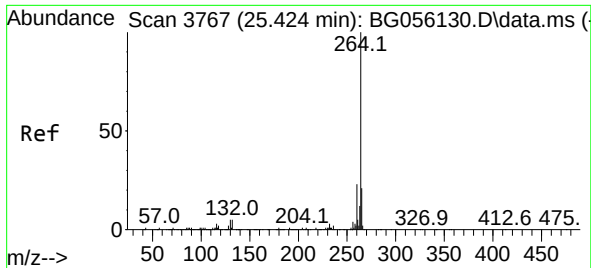
Tgt Ion:184 Resp: 25883
Ion Ratio Lower Upper
184 100
185 15.6 12.2 18.2
183 6.8 9.4 14.0#



#79
Terphenyl-d14
Concen: 101.002 ng
RT: 20.236 min Scan# 2884
Delta R.T. -0.002 min
Lab File: BG056257.D
Acq: 11 Jan 2023 19:24

Tgt Ion:244 Resp: 1779484
Ion Ratio Lower Upper
244 100
212 7.3 5.7 8.5
122 5.2 3.5 5.3





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.389 min Scan# 31
 Delta R.T. -0.014 min
 Lab File: BG056257.D
 Acq: 11 Jan 2023 19:24

Instrument :
 BNA_G
 ClientSampleId :
 MH-G

Tgt Ion:264 Resp: 343182
 Ion Ratio Lower Upper
 264 100
 260 22.9 18.6 28.0
 265 21.3 16.7 25.1

