

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060823\
 Data File : BG057676.D
 Acq On : 8 Jun 2023 18:40
 Operator : CG/JU
 Sample : PB153189BL
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB153189BL

Quant Time: Jun 09 03:39:06 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG060823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 09 00:44:37 2023
 Response via : Initial Calibration

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

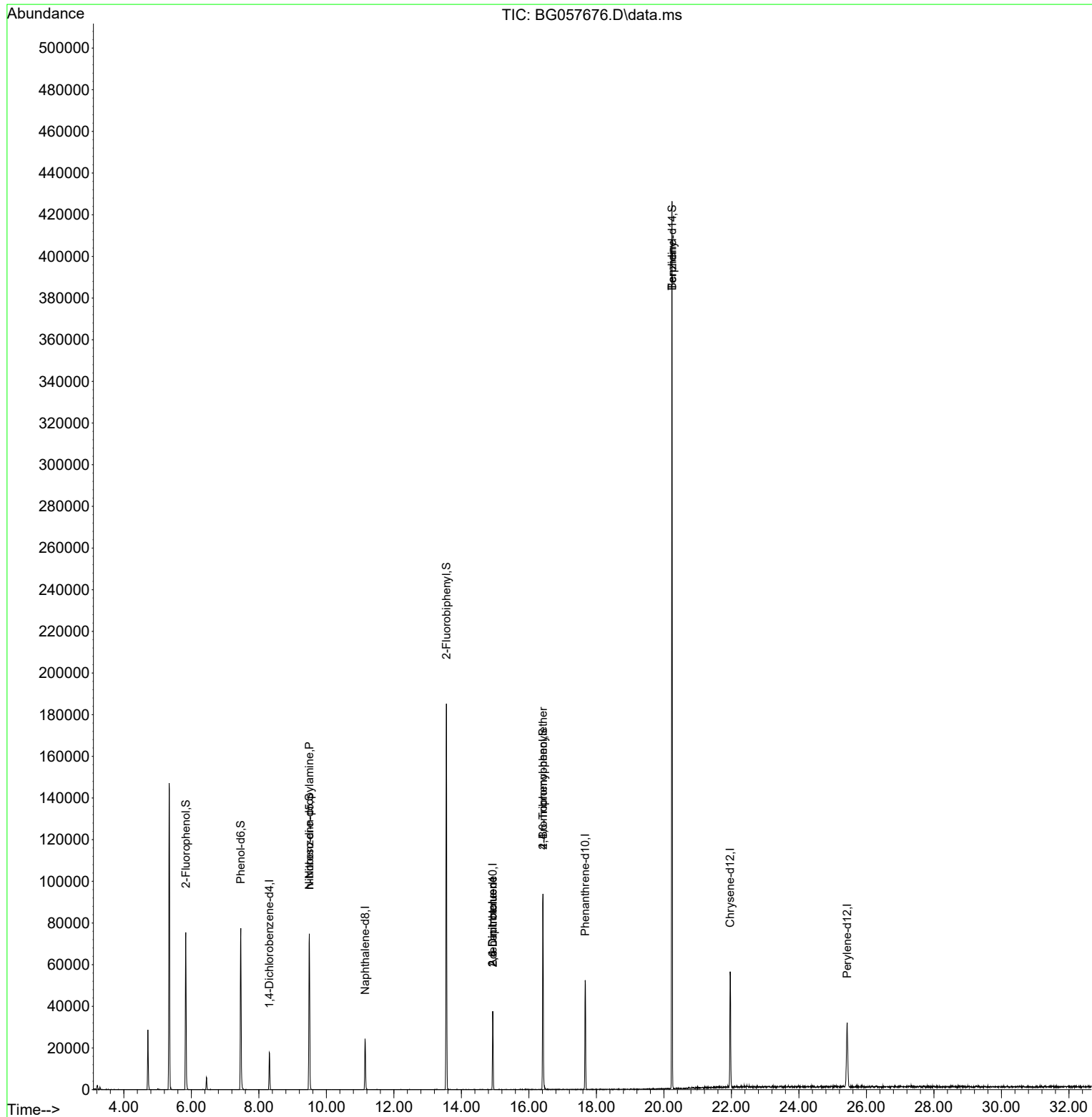
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.314	152	5108	20.000	ng	0.00
21) Naphthalene-d8	11.146	136	19903	20.000	ng	# 0.00
39) Acenaphthene-d10	14.930	164	13875	20.000	ng	0.00
64) Phenanthrene-d10	17.668	188	35826	20.000	ng	# 0.00
76) Chrysene-d12	21.963	240	36823	20.000	ng	#-0.01
86) Perylene-d12	25.430	264	41582	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.835	112	28605	116.374	ng	0.00
7) Phenol-d6	7.462	99	36672	90.724	ng	0.00
23) Nitrobenzene-d5	9.495	82	39880	88.828	ng	0.00
42) 2,4,6-Tribromophenol	16.417	330	20083	98.556	ng	0.00
45) 2-Fluorobiphenyl	13.555	172	90481	87.516	ng	0.00
79) Terphenyl-d14	20.241	244	208511	97.439	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.495	70	6334	22.154	ng	# 86
51) 2,6-Dinitrotoluene	14.930	165	1912	8.433	ng	# 17
57) 2,4-Dinitrotoluene	14.930	165	1912	6.196	ng	# 20
67) 4-Bromophenyl-phenylether	16.417	248	1079	2.402	ng	# 1
77) Benzidine	20.241	184	4434	4.752	ng	# 94

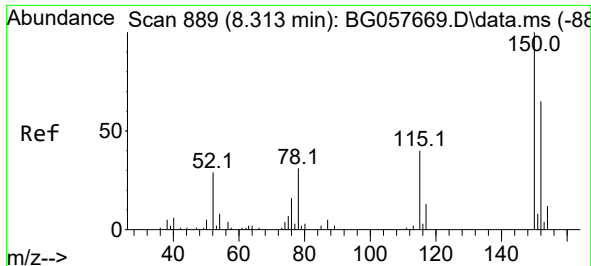
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060823\
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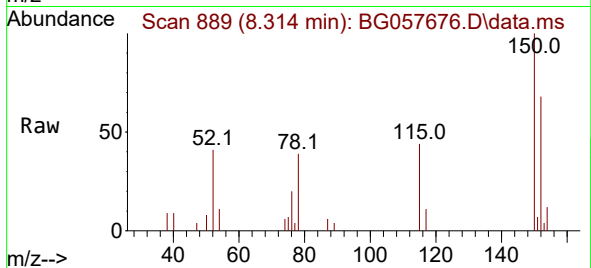
Quant Time: Jun 09 03:39:06 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG060823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 09 00:44:37 2023
Response via : Initial Calibration



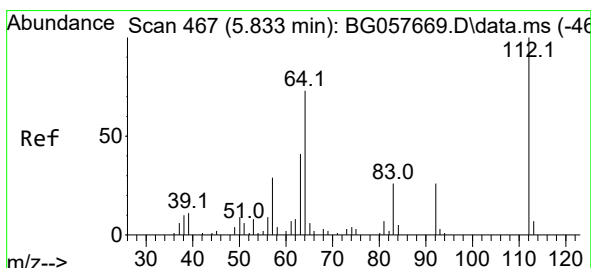
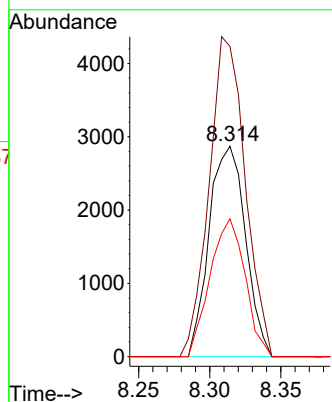
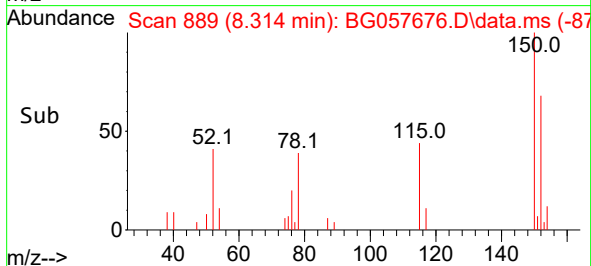


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.314 min Scan# 889
Delta R.T. 0.001 min
Lab File: BG057676.D
Acq: 8 Jun 2023 18:40

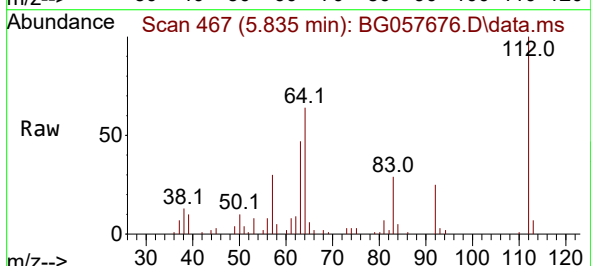
Instrument :
BNA_G
ClientSampleId :
PB153189BL



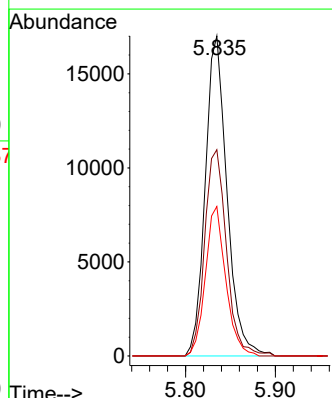
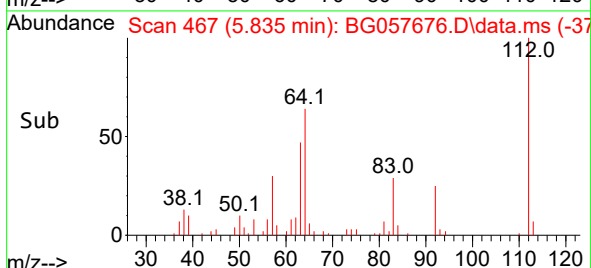
Tgt Ion:152 Resp: 5108
Ion Ratio Lower Upper
152 100
150 147.5 122.6 184.0
115 65.5 48.6 72.8

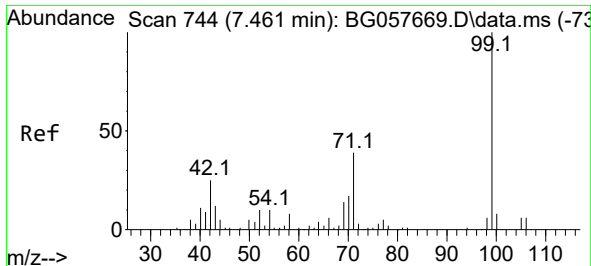


#5
2-Fluorophenol
Concen: 116.374 ng
RT: 5.835 min Scan# 467
Delta R.T. 0.002 min
Lab File: BG057676.D
Acq: 8 Jun 2023 18:40



Tgt Ion:112 Resp: 28605
Ion Ratio Lower Upper
112 100
64 64.4 58.6 88.0
63 46.7 32.5 48.7

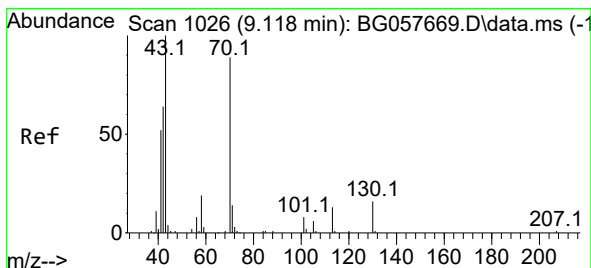
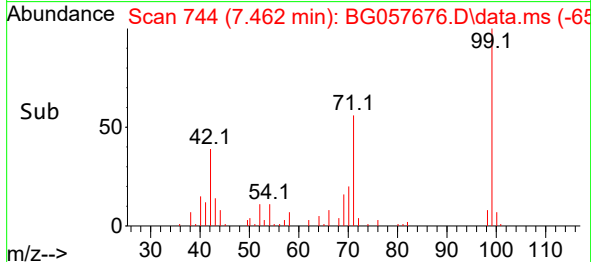
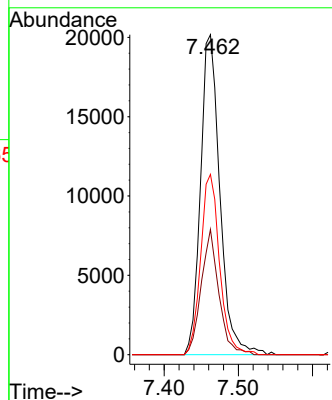
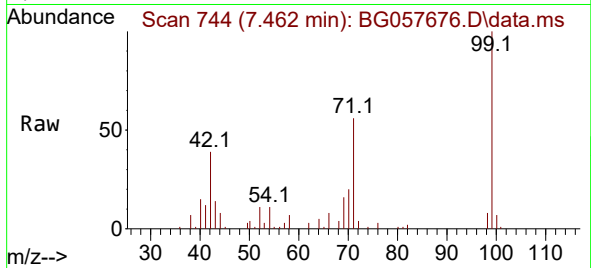




#7
Phenol-d6
Concen: 90.724 ng
RT: 7.462 min Scan# 74
Delta R.T. 0.001 min
Lab File: BG057676.D
Acq: 8 Jun 2023 18:40

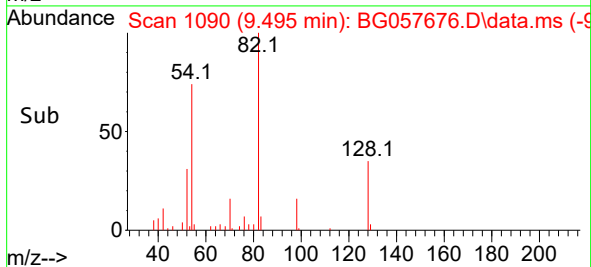
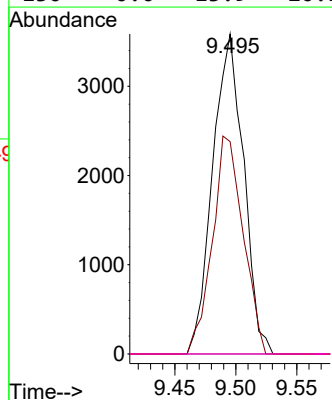
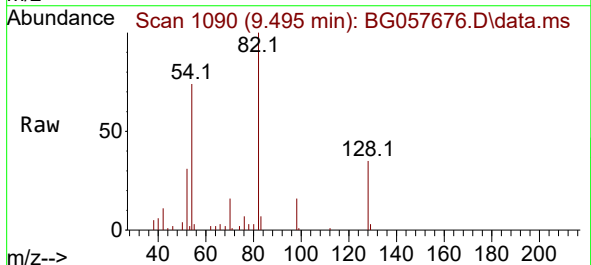
Instrument :
BNA_G
ClientSampleId :
PB153189BL

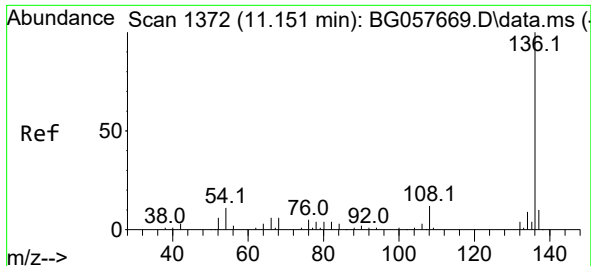
Tgt Ion: 99 Resp: 36672
Ion Ratio Lower Upper
99 100
42 39.2 19.7 29.5#
71 56.4 31.6 47.4#



#19
n-Nitroso-di-n-propylamine
Concen: 22.154 ng
RT: 9.495 min Scan# 1090
Delta R.T. 0.378 min
Lab File: BG057676.D
Acq: 8 Jun 2023 18:40

Tgt Ion: 70 Resp: 6334
Ion Ratio Lower Upper
70 100
42 66.4 57.4 86.0
101 0.0 7.5 11.3#
130 0.0 13.9 20.9#

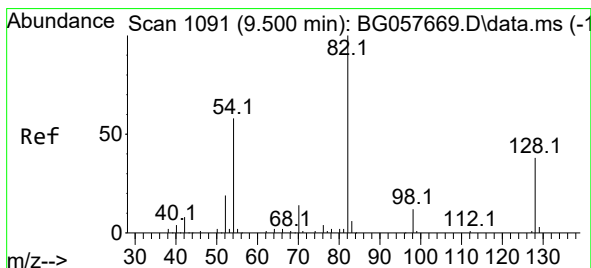
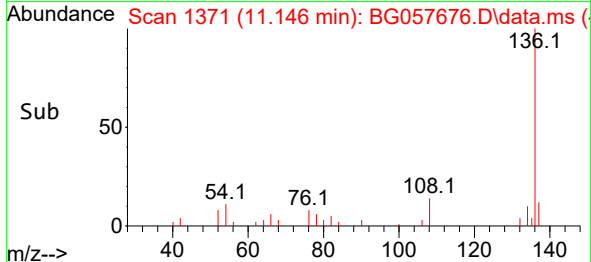
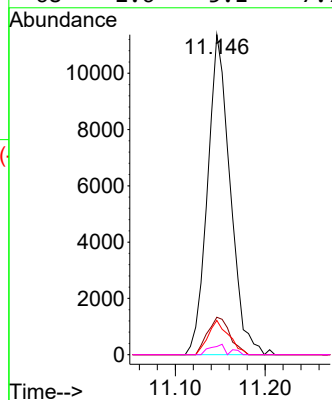
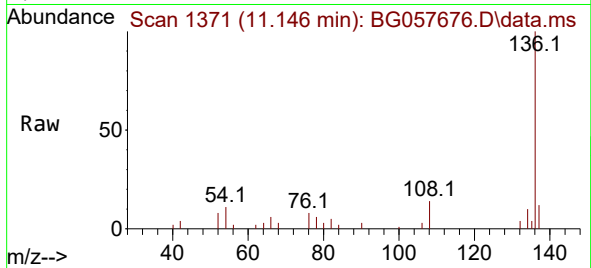




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.146 min Scan# 11
Delta R.T. -0.004 min
Lab File: BG057676.D
Acq: 8 Jun 2023 18:40

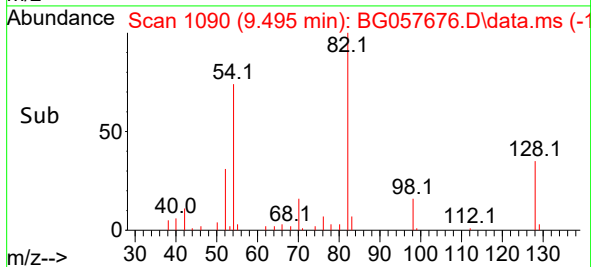
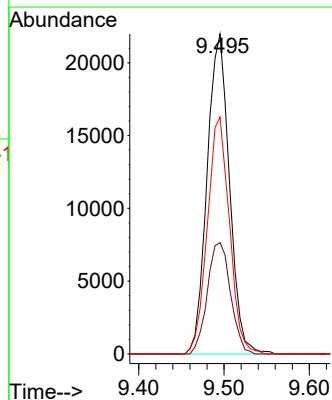
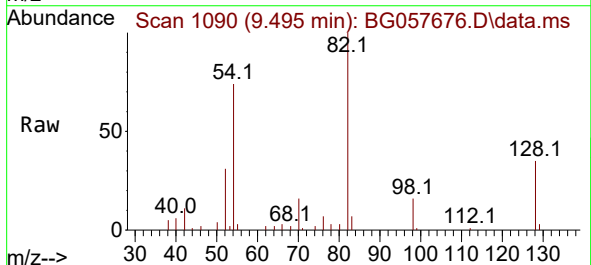
Instrument :
BNA_G
ClientSampleId :
PB153189BL

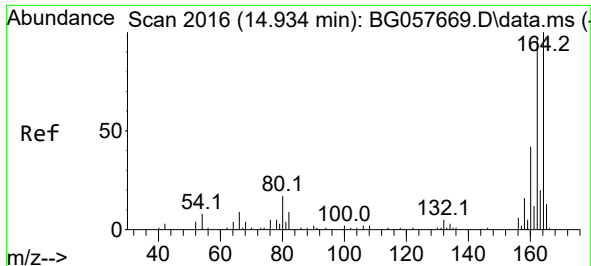
Tgt Ion:	136	Resp:	19903
Ion Ratio	Lower	Upper	
136	100		
137	11.7	8.4	12.6
54	10.7	9.0	13.4
68	2.6	5.1	7.7



#23
Nitrobenzene-d5
Concen: 88.828 ng
RT: 9.495 min Scan# 1090
Delta R.T. -0.005 min
Lab File: BG057676.D
Acq: 8 Jun 2023 18:40

Tgt Ion:	82	Resp:	39880
Ion Ratio	Lower	Upper	
82	100		
128	34.8	30.6	45.8
54	74.1	46.6	69.8

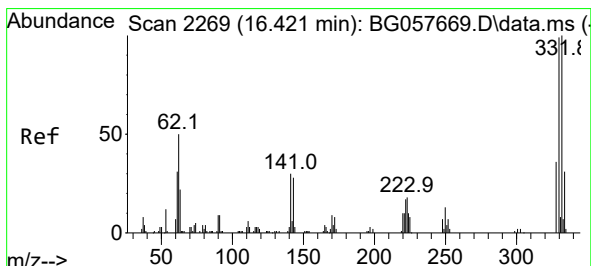
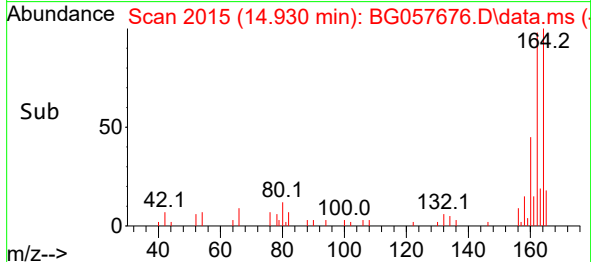
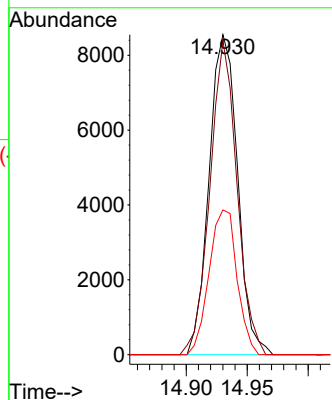
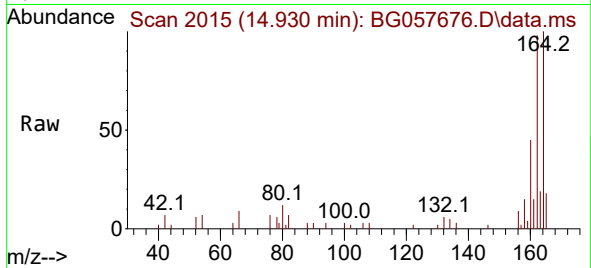




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.930 min Scan# 20
Delta R.T. -0.004 min
Lab File: BG057676.D
Acq: 8 Jun 2023 18:40

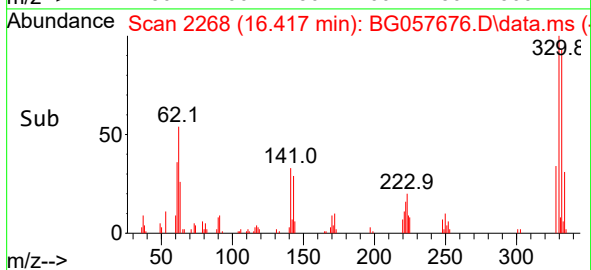
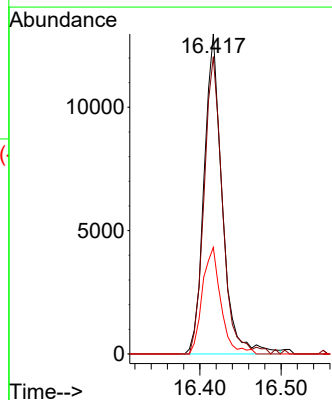
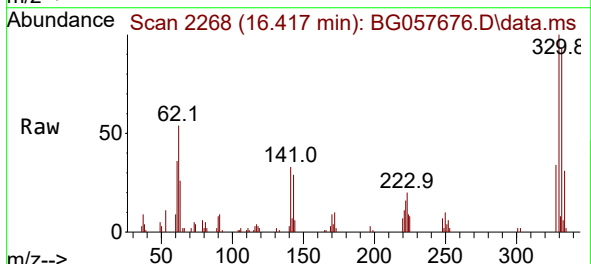
Instrument :
BNA_G
ClientSampleId :
PB153189BL

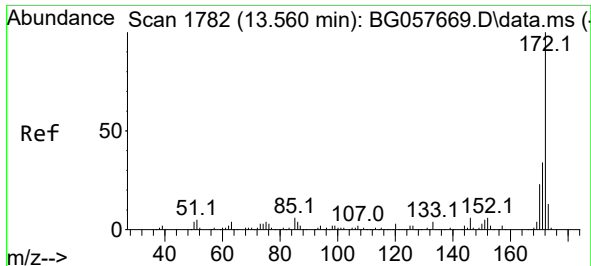
Tgt Ion:164 Resp: 13875
Ion Ratio Lower Upper
164 100
162 98.2 77.8 116.6
160 45.2 33.7 50.5



#42
2,4,6-Tribromophenol
Concen: 98.556 ng
RT: 16.417 min Scan# 2268
Delta R.T. -0.004 min
Lab File: BG057676.D
Acq: 8 Jun 2023 18:40

Tgt Ion:330 Resp: 20083
Ion Ratio Lower Upper
330 100
332 94.0 77.2 115.8
141 33.9 24.6 36.8

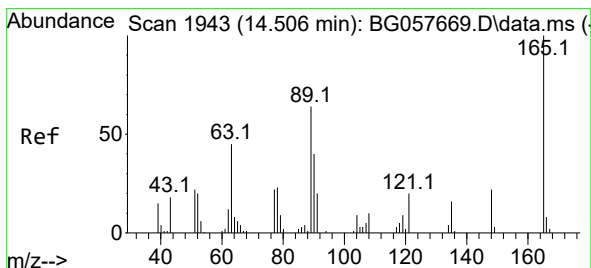
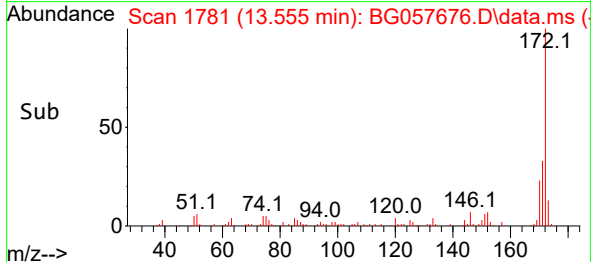
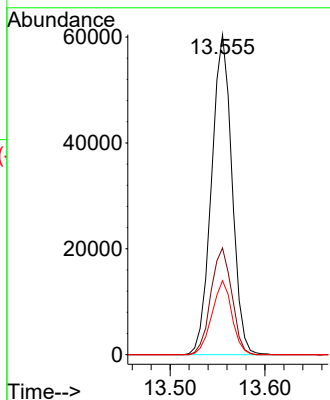
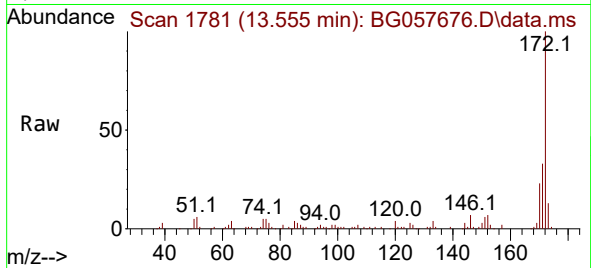




#45
2-Fluorobiphenyl
Concen: 87.516 ng
RT: 13.555 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG057676.D
Acq: 8 Jun 2023 18:40

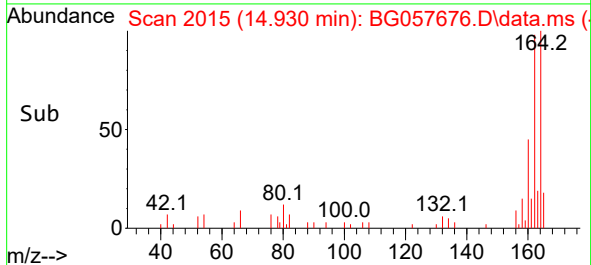
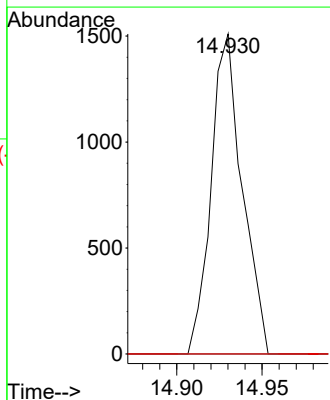
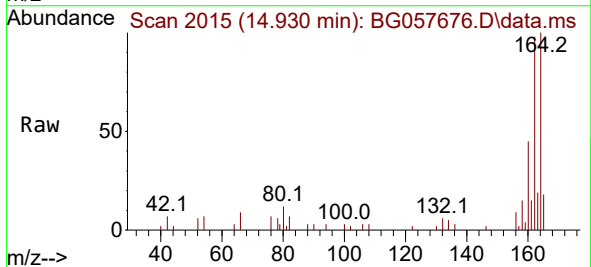
Instrument :
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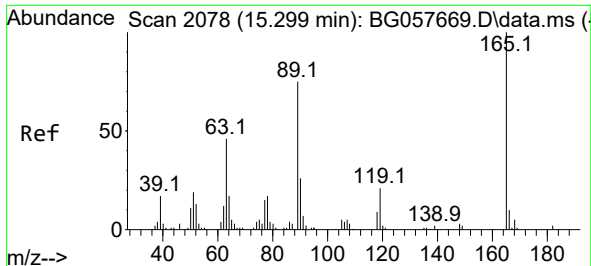
Tgt Ion:172 Resp: 90481
Ion Ratio Lower Upper
172 100
171 33.4 27.6 41.4
170 23.1 18.7 28.1



#51
2,6-Dinitrotoluene
Concen: 8.433 ng
RT: 14.930 min Scan# 2015
Delta R.T. 0.425 min
Lab File: BG057676.D
Acq: 8 Jun 2023 18:40

Tgt Ion:165 Resp: 1912
Ion Ratio Lower Upper
165 100
63 0.0 53.4 80.2#
89 0.0 51.5 77.3#





#57

2,4-Dinitrotoluene

Concen: 6.196 ng

RT: 14.930 min Scan# 2078

Delta R.T. -0.369 min

Lab File: BG057676.D

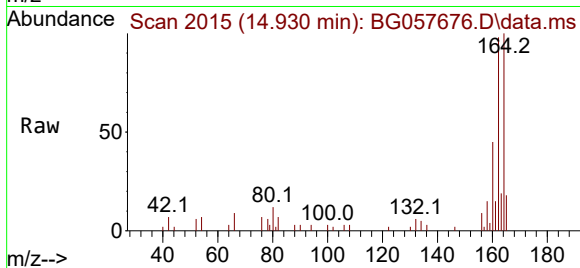
Acq: 8 Jun 2023 18:40

Instrument :

BNA_G

ClientSampleId :

PB153189BL



Tgt Ion:165 Resp: 1912

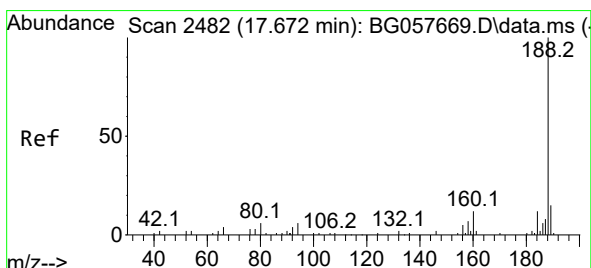
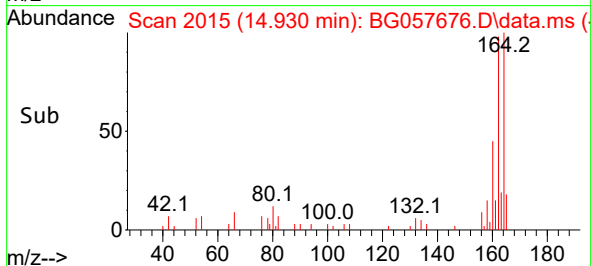
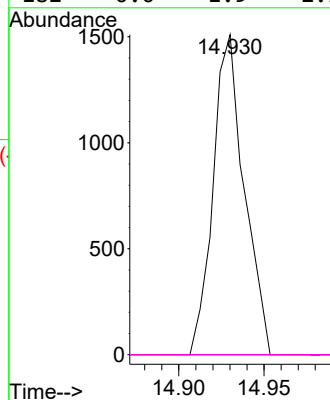
Ion Ratio Lower Upper

165 100

63 0.0 37.8 56.8#

89 0.0 60.2 90.2#

182 0.0 1.9 2.9#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.668 min Scan# 2481

Delta R.T. -0.004 min

Lab File: BG057676.D

Acq: 8 Jun 2023 18:40

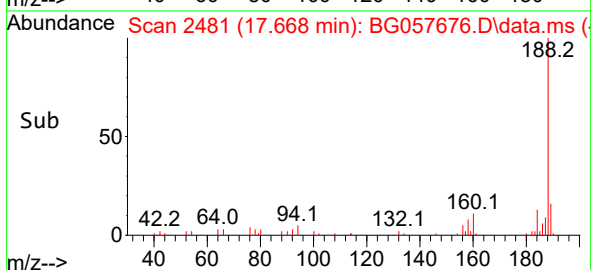
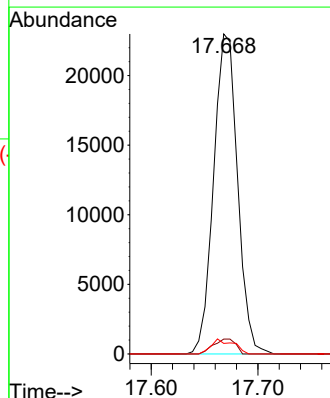
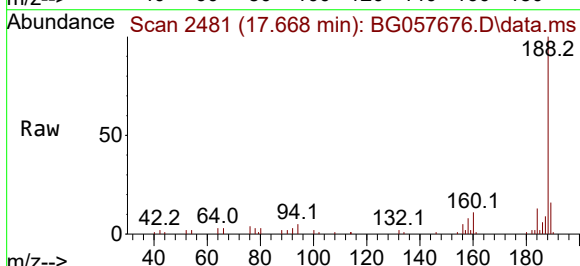
Tgt Ion:188 Resp: 35826

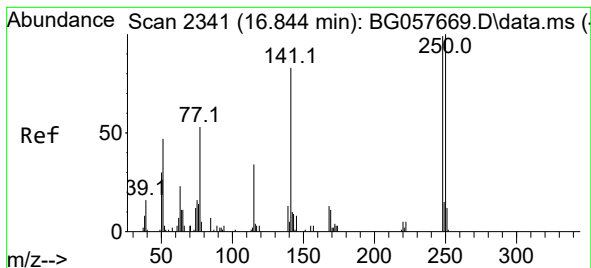
Ion Ratio Lower Upper

188 100

94 4.6 4.5 6.7

80 3.3 5.0 7.4#

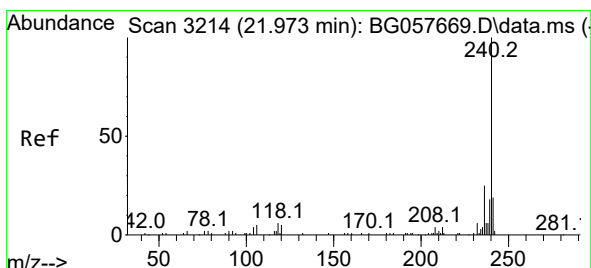
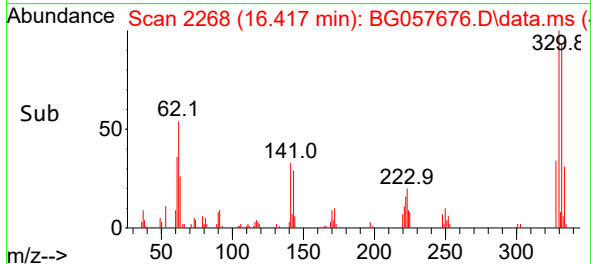
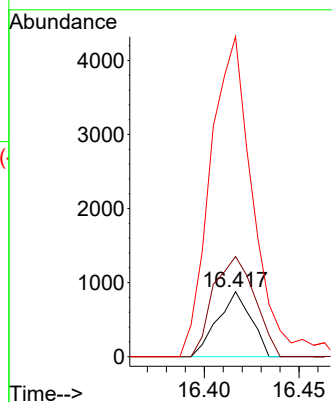
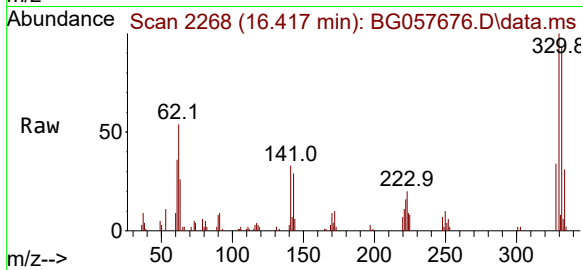




#67
4-Bromophenyl-phenylether
Concen: 2.402 ng
RT: 16.417 min Scan# 21
Delta R.T. -0.427 min
Lab File: BG057676.D
Acq: 8 Jun 2023 18:40

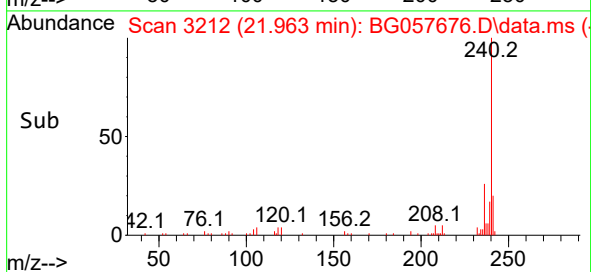
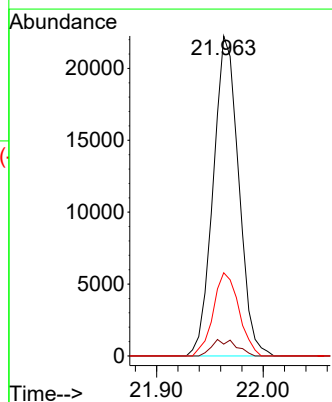
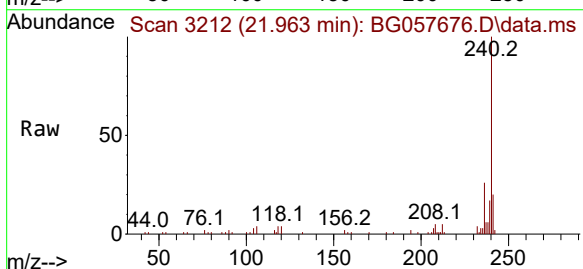
Instrument :
BNA_G
ClientSampleId :
PB153189BL

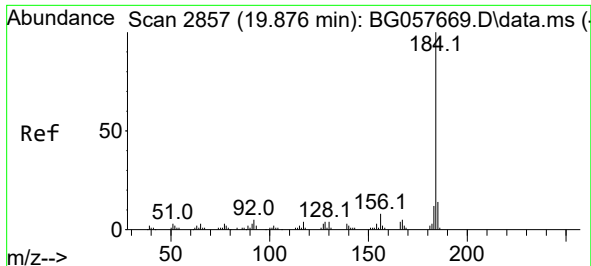
Tgt Ion:248 Resp: 1079
Ion Ratio Lower Upper
248 100
250 154.2 80.6 120.8#
141 492.7 67.0 100.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.963 min Scan# 3212
Delta R.T. -0.010 min
Lab File: BG057676.D
Acq: 8 Jun 2023 18:40

Tgt Ion:240 Resp: 36823
Ion Ratio Lower Upper
240 100
120 3.7 4.1 6.1#
236 26.0 19.6 29.4

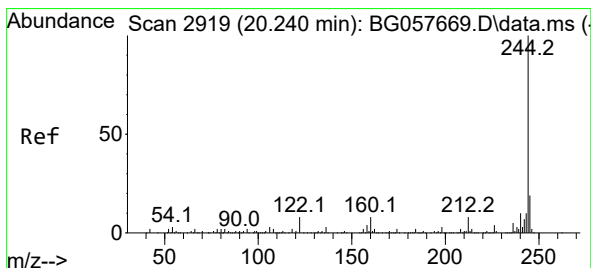
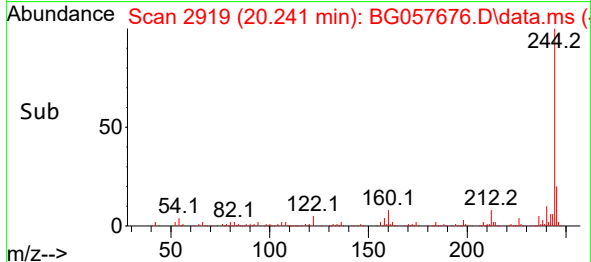
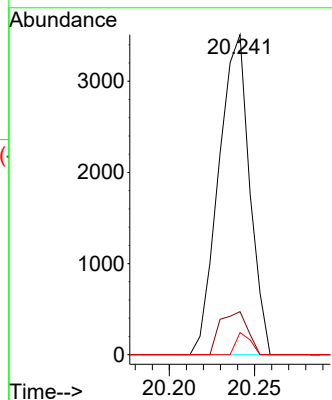
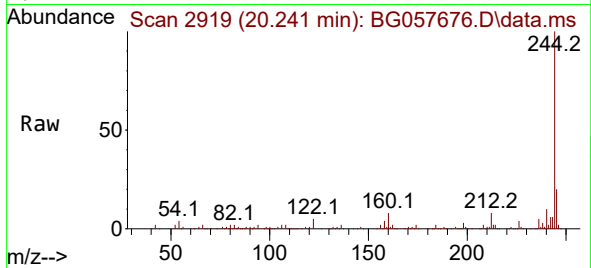




#77
Benzidine
Concen: 4.752 ng
RT: 20.241 min Scan# 2919
Delta R.T. 0.366 min
Lab File: BG057676.D
Acq: 8 Jun 2023 18:40

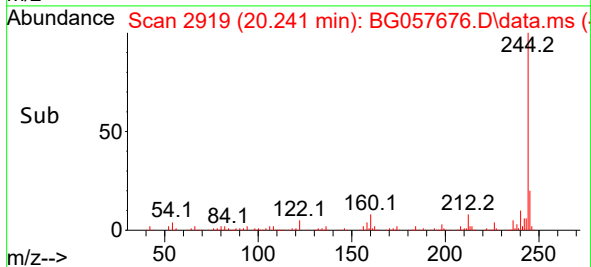
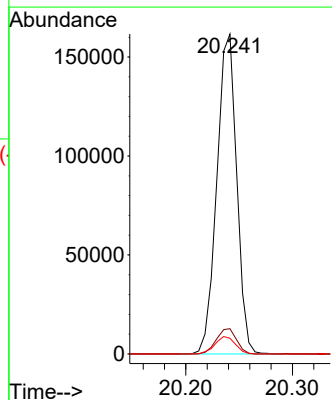
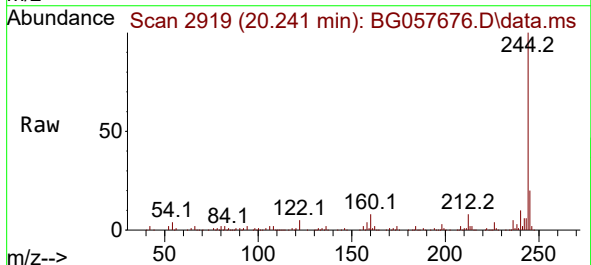
Instrument :
BNA_G
ClientSampleId :
PB153189BL

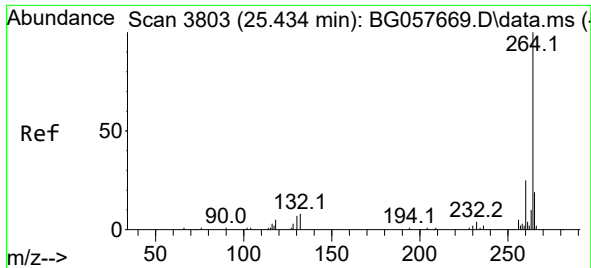
Tgt Ion:184 Resp: 4434
Ion Ratio Lower Upper
184 100
185 13.4 11.2 16.8
183 6.9 9.2 13.8#



#79
Terphenyl-d14
Concen: 97.439 ng
RT: 20.241 min Scan# 2919
Delta R.T. 0.001 min
Lab File: BG057676.D
Acq: 8 Jun 2023 18:40

Tgt Ion:244 Resp: 208511
Ion Ratio Lower Upper
244 100
212 7.9 6.6 9.8
122 4.9 6.1 9.1#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.430 min Scan# 3802
 Delta R.T. -0.004 min
 Lab File: BG057676.D
 Acq: 8 Jun 2023 18:40

Instrument :
 BNA_G
 ClientSampleId :
 PB153189BL

Tgt Ion:264 Resp: 41582
 Ion Ratio Lower Upper
 264 100
 260 20.1 19.8 29.8
 265 21.6 14.9 22.3

