

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041123\
 Data File : BG057060.D
 Acq On : 11 Apr 2023 19:47
 Operator : CG/JU
 Sample : 02232-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 20230325-COMP-3

Quant Time: Apr 12 04:42:49 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Apr 08 04:45:47 2023
 Response via : Initial Calibration

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

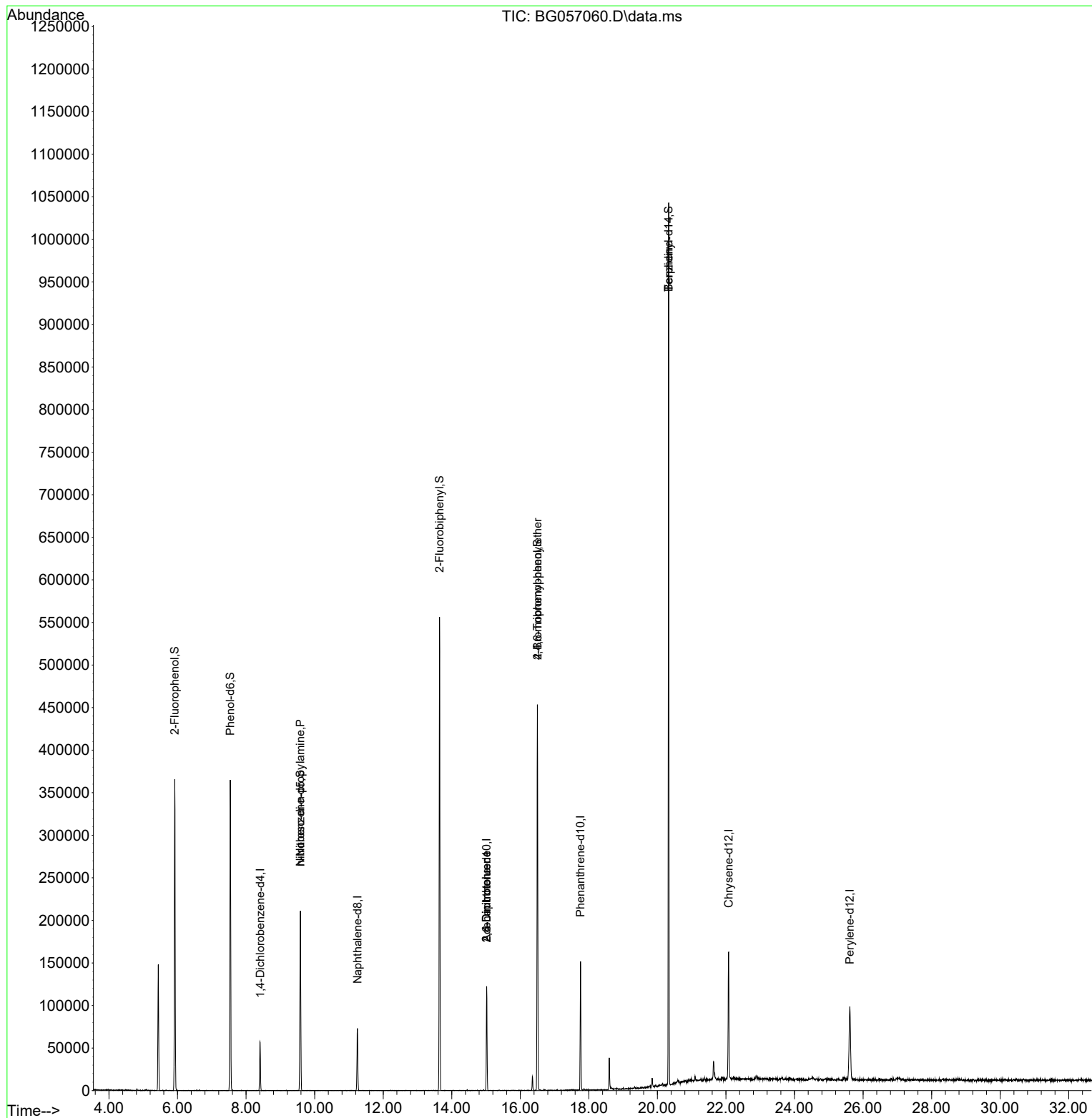
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.409	152	15424	20.000	ng	0.00
21) Naphthalene-d8	11.246	136	61111	20.000	ng	0.00
39) Acenaphthene-d10	15.017	164	42707	20.000	ng	0.00
64) Phenanthrene-d10	17.755	188	98758	20.000	ng	0.00
76) Chrysene-d12	22.078	240	95734	20.000	ng	# 0.00
86) Perylene-d12	25.609	264	103275	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.918	112	151041	156.725	ng	0.00
7) Phenol-d6	7.539	99	208168	144.423	ng	0.00
23) Nitrobenzene-d5	9.584	82	134205	89.859	ng	0.00
42) 2,4,6-Tribromophenol	16.498	330	92110	135.007	ng	0.00
45) 2-Fluorobiphenyl	13.643	172	279867	88.862	ng	0.00
79) Terphenyl-d14	20.328	244	503876	89.063	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.584	70	19341	18.760	ng	# 76
51) 2,6-Dinitrotoluene	15.017	165	5493	7.555	ng	# 18
57) 2,4-Dinitrotoluene	15.017	165	5493	5.357	ng	# 18
67) 4-Bromophenyl-phenylether	16.498	248	5720	4.681	ng	# 1
77) Benzidine	20.328	184	8127	3.106	ng	# 91

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041123\
Data File : BG057060.D
Acq On : 11 Apr 2023 19:47
Operator : CG/JU
Sample : 02232-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
20230325-COMP-3

Quant Time: Apr 12 04:42:49 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Apr 08 04:45:47 2023
Response via : Initial Calibration

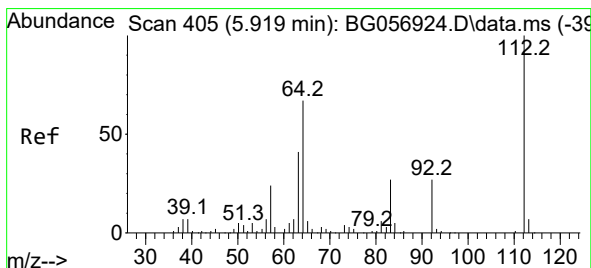
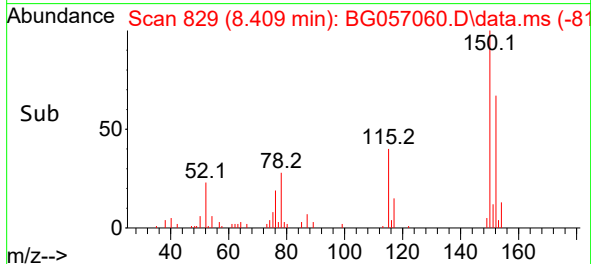
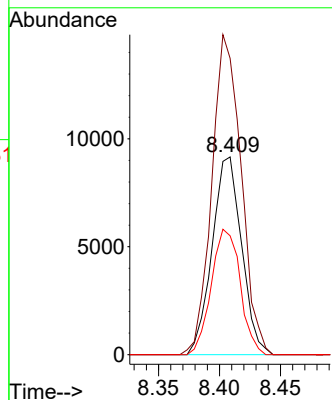
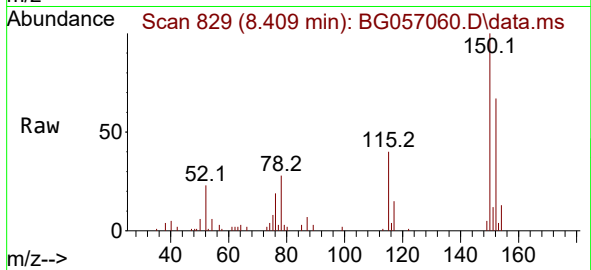




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.409 min Scan# 81
Delta R.T. 0.001 min
Lab File: BG057060.D
Acq: 11 Apr 2023 19:47

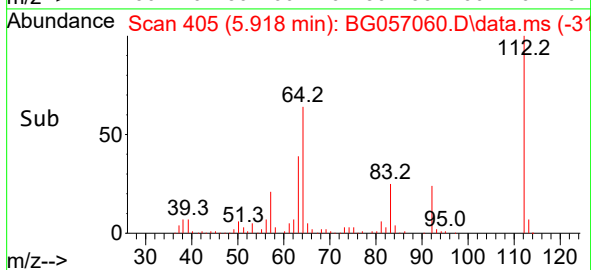
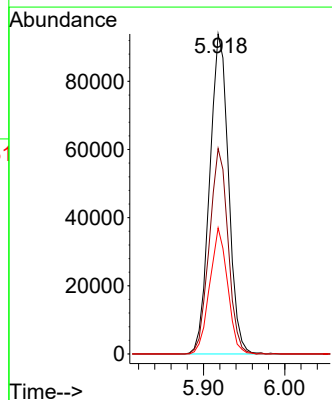
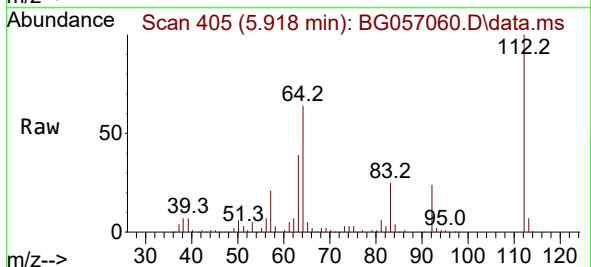
Instrument :
BNA_G
ClientSampleId :
20230325-COMP-3

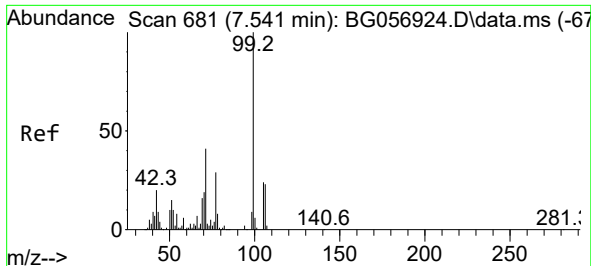
Tgt Ion:152 Resp: 15424
Ion Ratio Lower Upper
152 100
150 149.9 124.1 186.1
115 60.2 49.1 73.7



#5
2-Fluorophenol
Concen: 156.725 ng
RT: 5.918 min Scan# 405
Delta R.T. 0.001 min
Lab File: BG057060.D
Acq: 11 Apr 2023 19:47

Tgt Ion:112 Resp: 151041
Ion Ratio Lower Upper
112 100
64 64.2 53.2 79.8
63 39.4 32.6 48.8

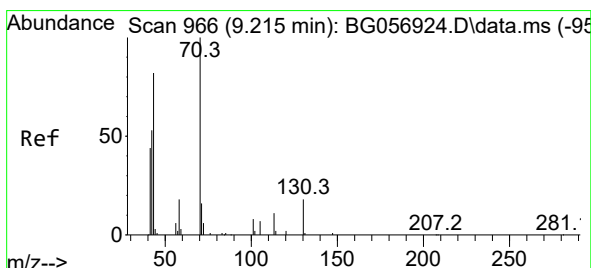
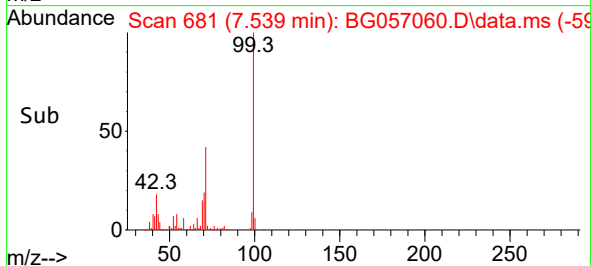
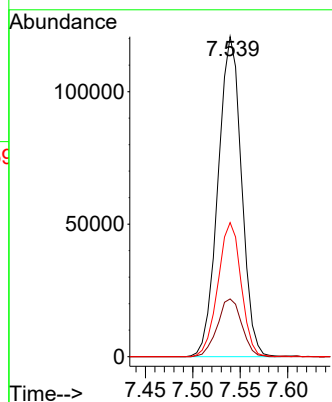
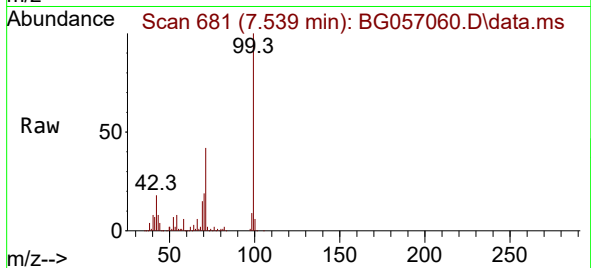




#7
Phenol-d6
Concen: 144.423 ng
RT: 7.539 min Scan# 61
Delta R.T. 0.001 min
Lab File: BG057060.D
Acq: 11 Apr 2023 19:47

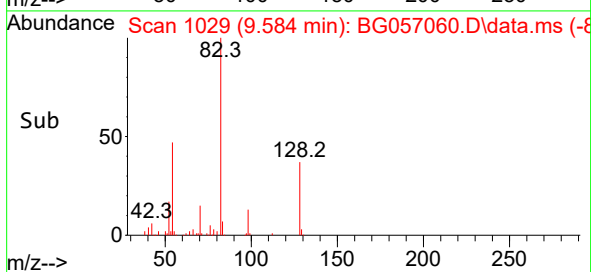
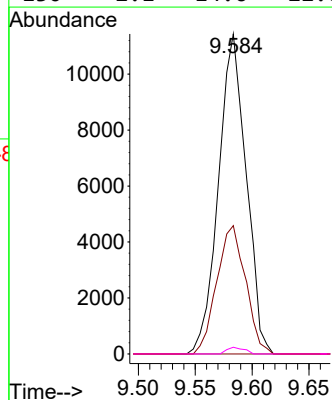
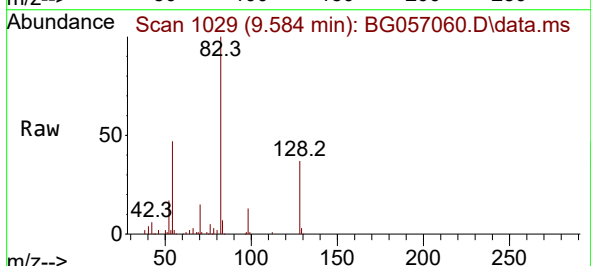
Instrument :
BNA_G
ClientSampleId :
20230325-COMP-3

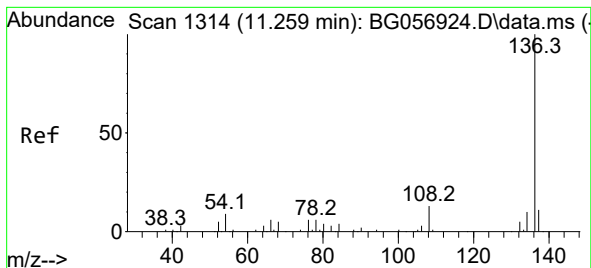
Tgt Ion: 99 Resp: 208168
Ion Ratio Lower Upper
99 100
42 18.0 15.7 23.5
71 41.9 32.5 48.7



#19
n-Nitroso-di-n-propylamine
Concen: 18.760 ng
RT: 9.584 min Scan# 1029
Delta R.T. 0.371 min
Lab File: BG057060.D
Acq: 11 Apr 2023 19:47

Tgt Ion: 70 Resp: 19341
Ion Ratio Lower Upper
70 100
42 40.1 43.4 65.0#
101 0.0 6.2 9.2#
130 2.1 14.6 22.0#

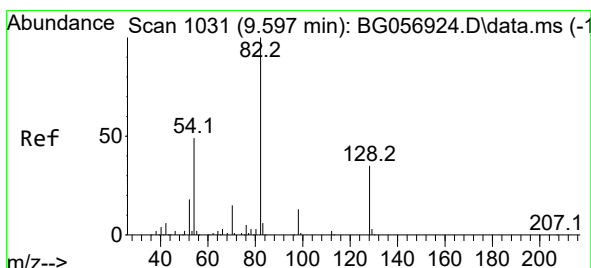
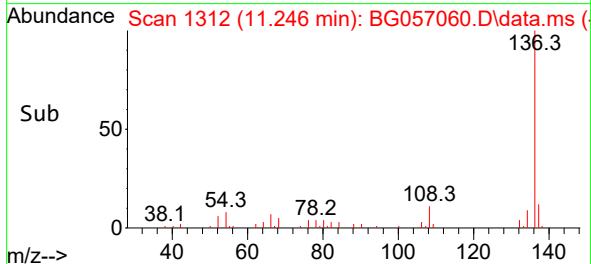
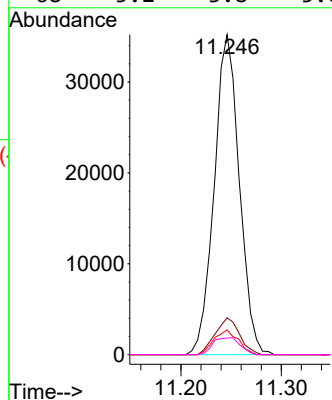
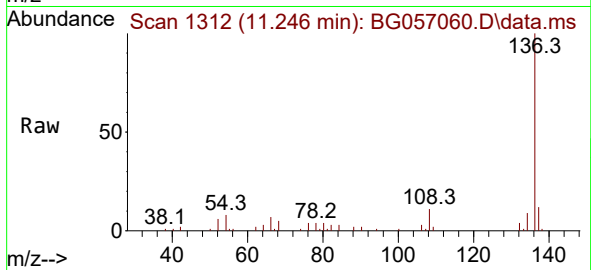




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.246 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG057060.D
Acq: 11 Apr 2023 19:47

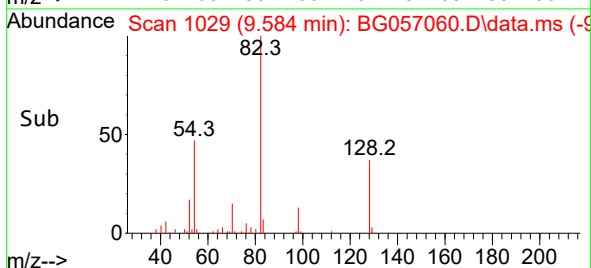
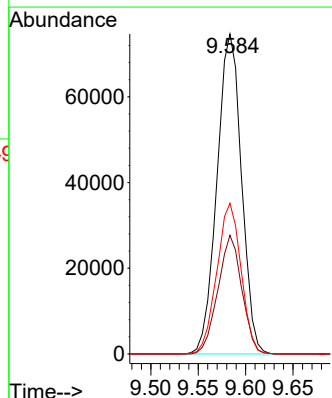
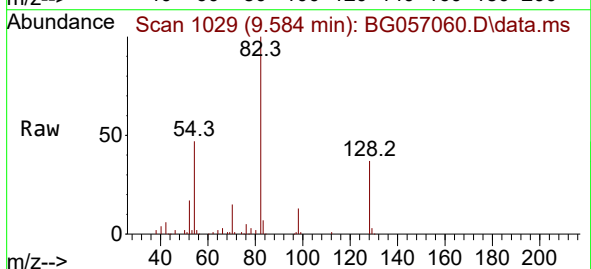
Instrument :
BNA_G
ClientSampleId :
20230325-COMP-3

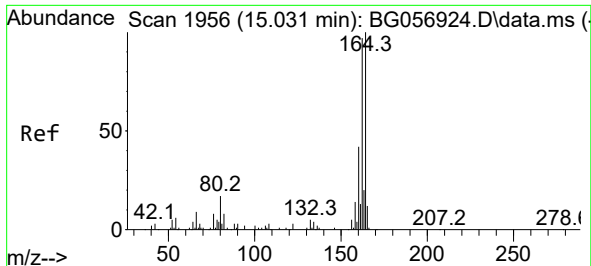
Tgt Ion:	136	Resp:	61111
Ion Ratio	Lower	Upper	
136	100		
137	11.6	8.6	13.0
54	7.8	6.9	10.3
68	5.2	3.8	5.6



#23
Nitrobenzene-d5
Concen: 89.859 ng
RT: 9.584 min Scan# 1029
Delta R.T. -0.005 min
Lab File: BG057060.D
Acq: 11 Apr 2023 19:47

Tgt Ion:	82	Resp:	134205
Ion Ratio	Lower	Upper	
82	100		
128	37.1	27.9	41.9
54	47.1	39.4	59.2

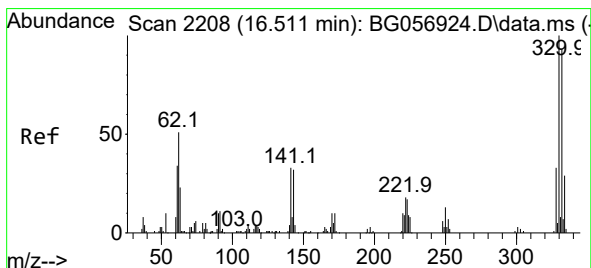
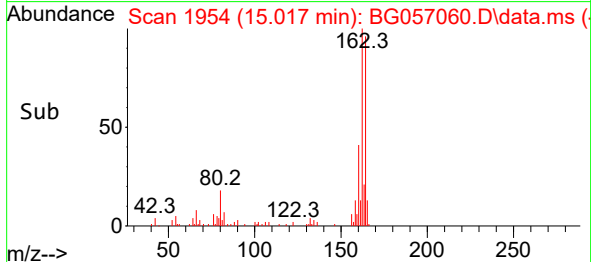
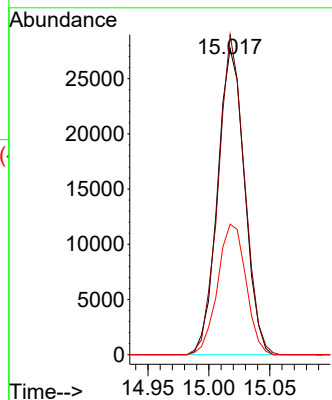
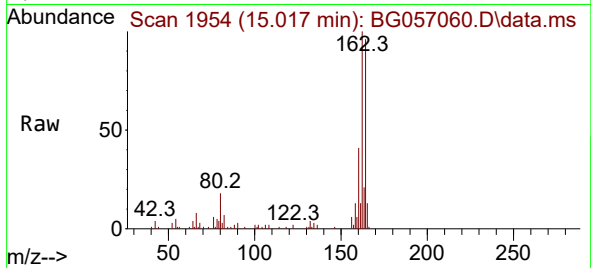




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.017 min Scan# 1954
Delta R.T. -0.005 min
Lab File: BG057060.D
Acq: 11 Apr 2023 19:47

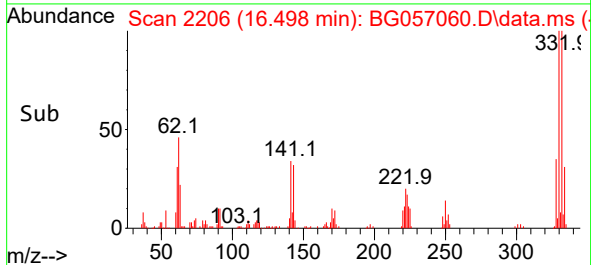
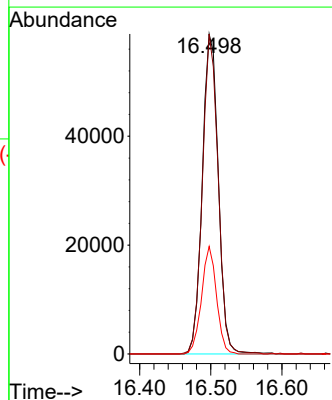
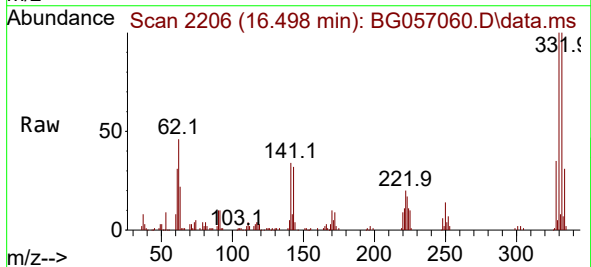
Instrument :
BNA_G
ClientSampleId :
20230325-COMP-3

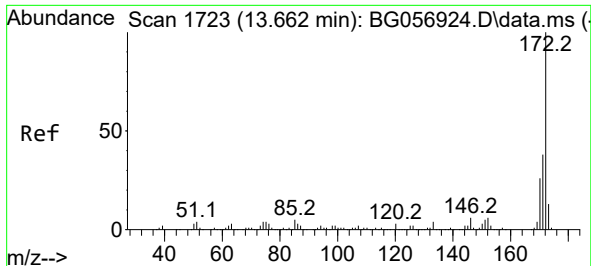
Tgt Ion:164 Resp: 42707
Ion Ratio Lower Upper
164 100
162 104.5 77.8 116.8
160 42.7 33.5 50.3



#42
2,4,6-Tribromophenol
Concen: 135.007 ng
RT: 16.498 min Scan# 2206
Delta R.T. -0.005 min
Lab File: BG057060.D
Acq: 11 Apr 2023 19:47

Tgt Ion:330 Resp: 92110
Ion Ratio Lower Upper
330 100
332 98.0 76.1 114.1
141 31.4 25.8 38.6

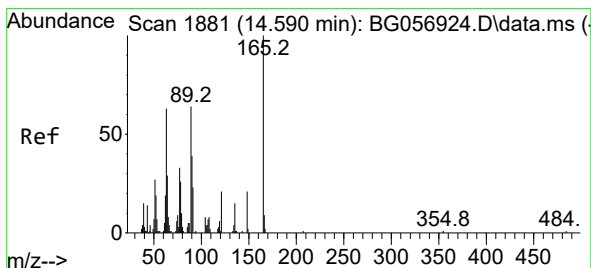
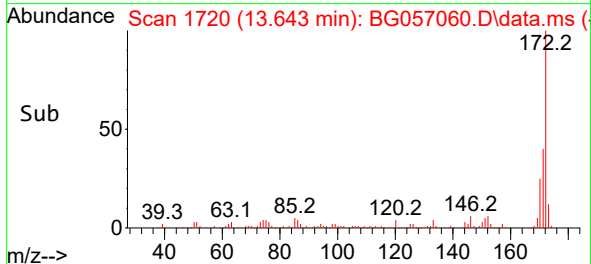
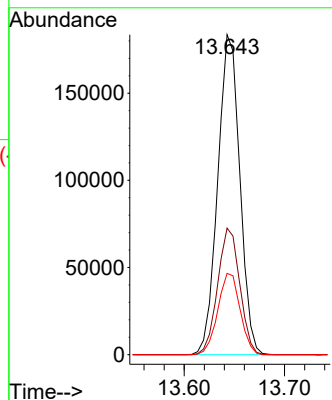
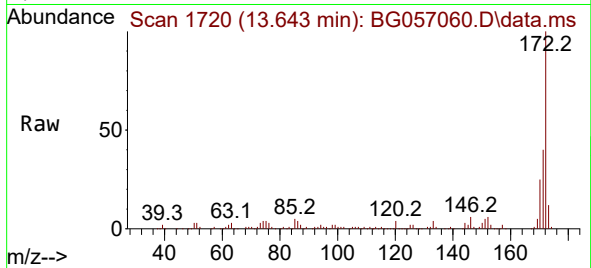




#45
2-Fluorobiphenyl
Concen: 88.862 ng
RT: 13.643 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG057060.D
Acq: 11 Apr 2023 19:47

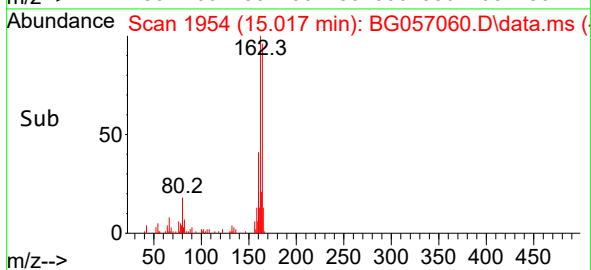
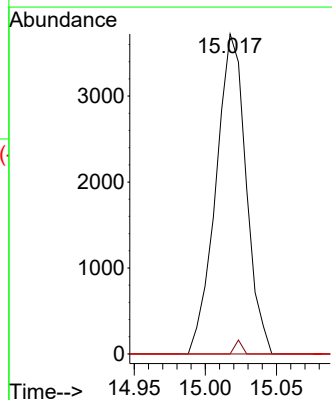
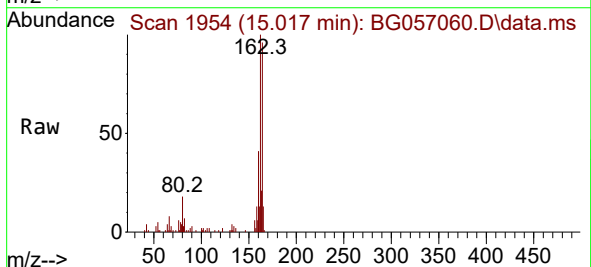
Instrument :
BNA_G
ClientSampleId :
20230325-COMP-3

Tgt Ion:172 Resp: 279867
Ion Ratio Lower Upper
172 100
171 39.6 30.6 46.0
170 25.4 20.6 30.8



#51
2,6-Dinitrotoluene
Concen: 7.555 ng
RT: 15.017 min Scan# 1954
Delta R.T. 0.430 min
Lab File: BG057060.D
Acq: 11 Apr 2023 19:47

Tgt Ion:165 Resp: 5493
Ion Ratio Lower Upper
165 100
63 0.0 53.0 79.6#
89 0.0 51.0 76.4#





#57

2,4-Dinitrotoluene

Concen: 5.357 ng

RT: 15.017 min Scan# 1954

Delta R.T. -0.351 min

Lab File: BG057060.D

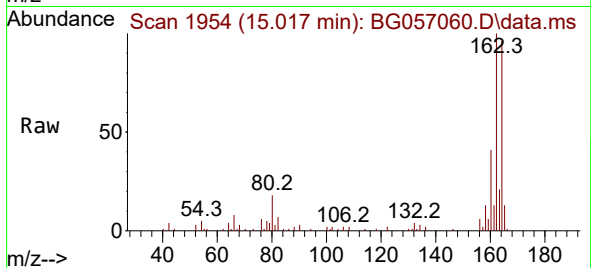
Acq: 11 Apr 2023 19:47

Instrument :

BNA_G

ClientSampleId :

20230325-COMP-3



Tgt Ion:165 Resp: 5493

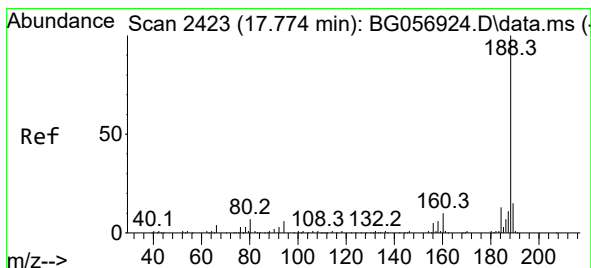
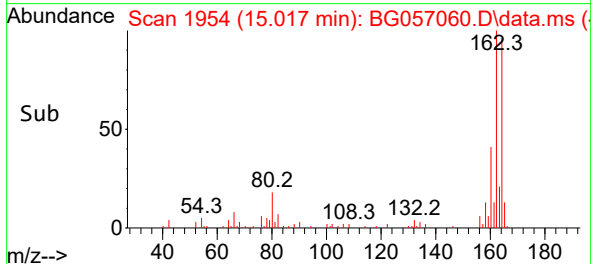
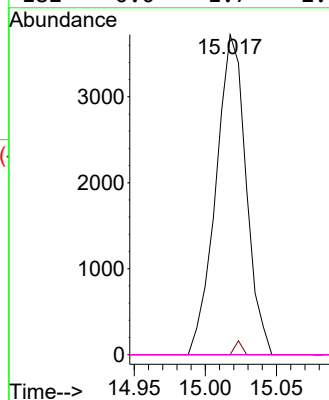
Ion Ratio Lower Upper

165 100

63 0.0 37.7 56.5#

89 0.0 63.2 94.8#

182 0.0 1.7 2.5#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.755 min Scan# 2420

Delta R.T. -0.005 min

Lab File: BG057060.D

Acq: 11 Apr 2023 19:47

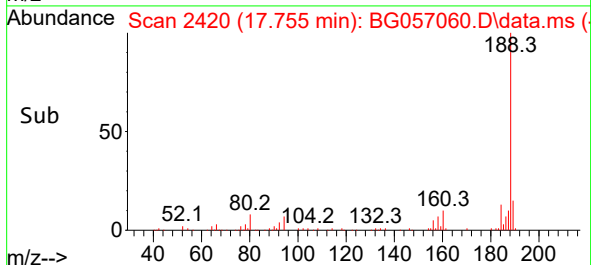
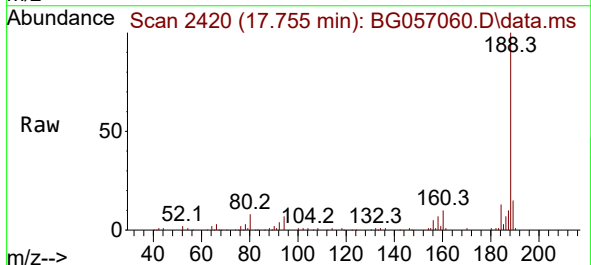
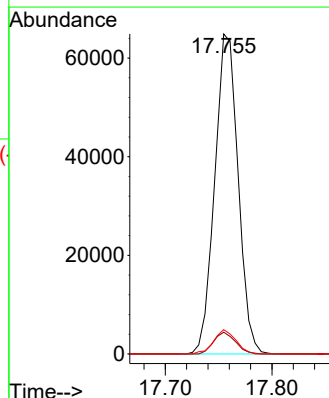
Tgt Ion:188 Resp: 98758

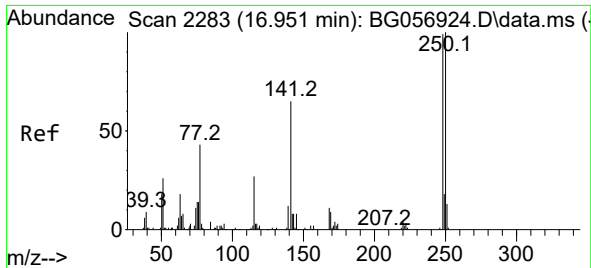
Ion Ratio Lower Upper

188 100

94 6.8 4.6 6.8

80 7.6 5.5 8.3

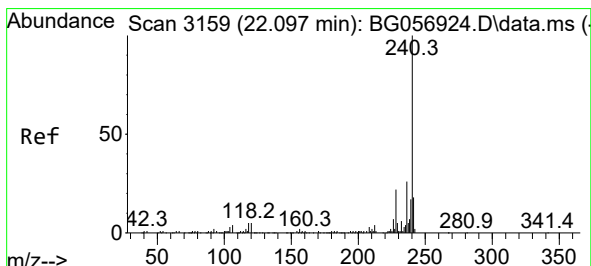
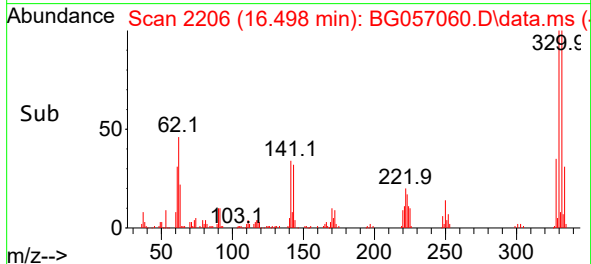
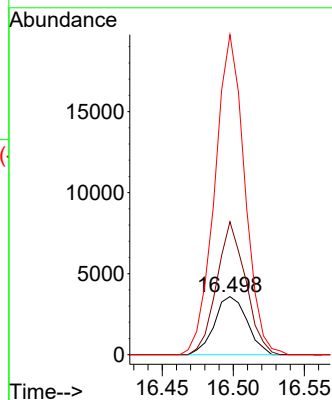
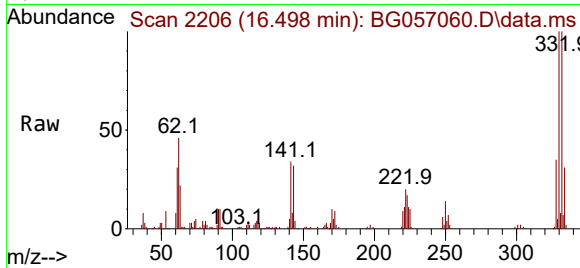




#67
4-Bromophenyl-phenylether
Concen: 4.681 ng
RT: 16.498 min Scan# 21
Delta R.T. -0.440 min
Lab File: BG057060.D
Acq: 11 Apr 2023 19:47

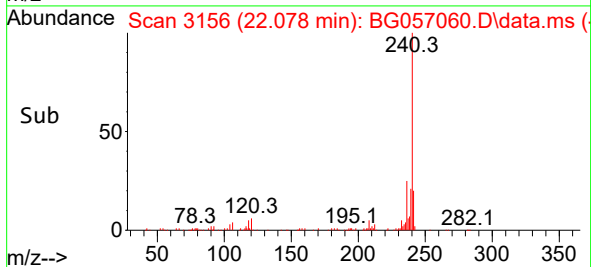
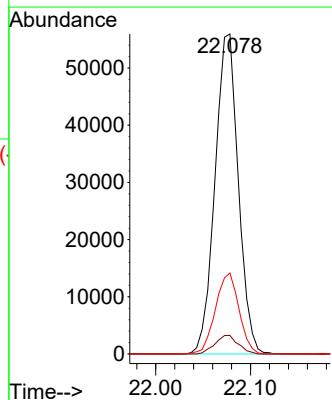
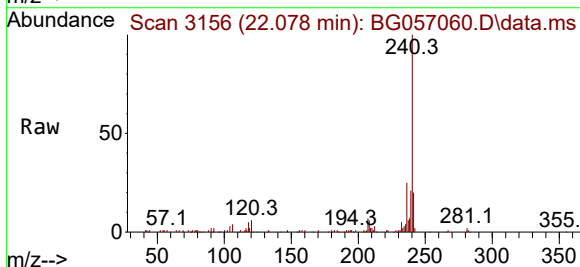
Instrument :
BNA_G
ClientSampleId :
20230325-COMP-3

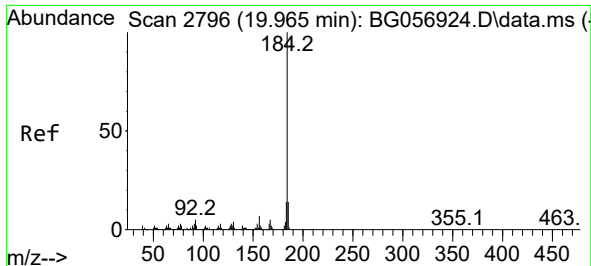
Tgt Ion:248 Resp: 5720
Ion Ratio Lower Upper
248 100
250 228.9 80.5 120.7#
141 550.4 52.0 78.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.078 min Scan# 3156
Delta R.T. -0.005 min
Lab File: BG057060.D
Acq: 11 Apr 2023 19:47

Tgt Ion:240 Resp: 95734
Ion Ratio Lower Upper
240 100
120 5.8 3.8 5.6#
236 25.3 21.0 31.6

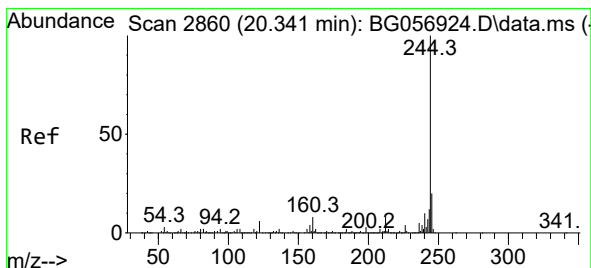
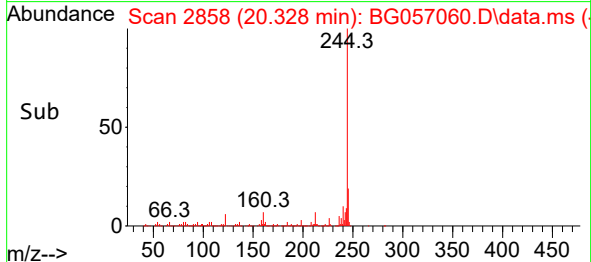
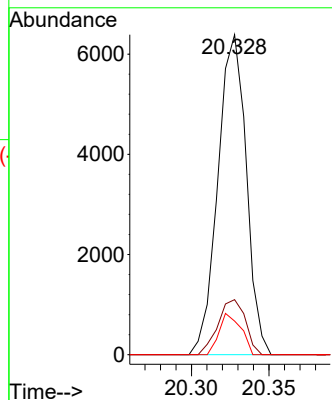
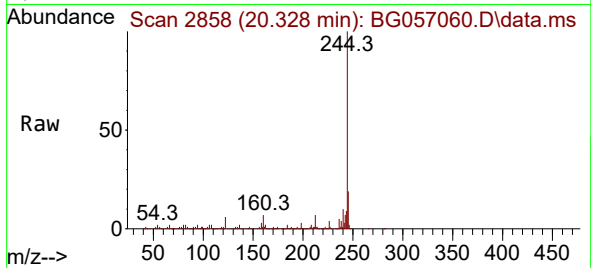




#77
Benzidine
Concen: 3.106 ng
RT: 20.328 min Scan# 2858
Delta R.T. 0.377 min
Lab File: BG057060.D
Acq: 11 Apr 2023 19:47

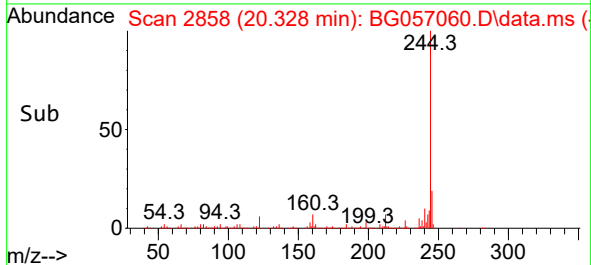
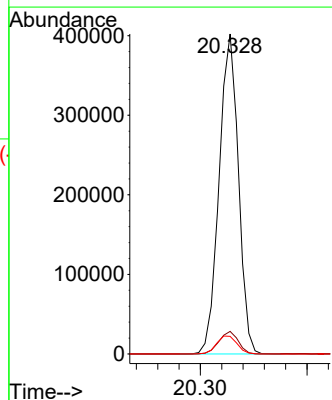
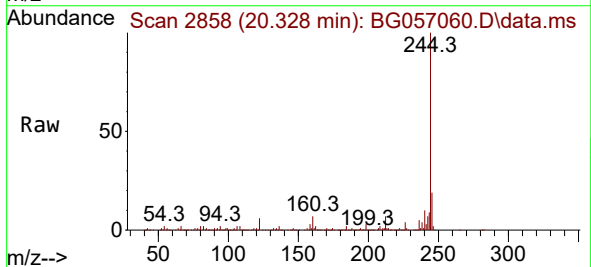
Instrument :
BNA_G
ClientSampleId :
20230325-COMP-3

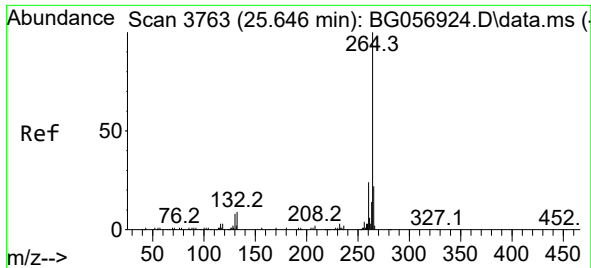
Tgt Ion:184 Resp: 8127
Ion Ratio Lower Upper
184 100
185 17.2 11.0 16.4#
183 10.5 11.4 17.0#



#79
Terphenyl-d14
Concen: 89.063 ng
RT: 20.328 min Scan# 2858
Delta R.T. 0.001 min
Lab File: BG057060.D
Acq: 11 Apr 2023 19:47

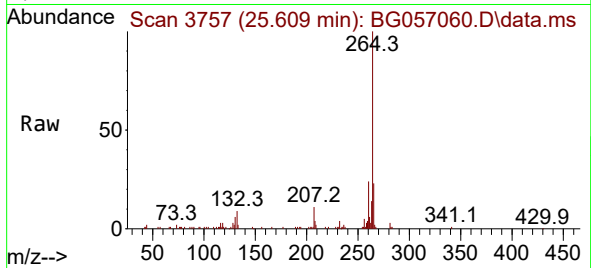
Tgt Ion:244 Resp: 503876
Ion Ratio Lower Upper
244 100
212 7.1 6.1 9.1
122 5.5 5.0 7.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.609 min Scan# 31
Delta R.T. -0.023 min
Lab File: BG057060.D
Acq: 11 Apr 2023 19:47

Instrument :
BNA_G
ClientSampleId :
20230325-COMP-3



Tgt Ion:264 Resp: 103275
Ion Ratio Lower Upper
264 100
260 24.4 19.0 28.4
265 22.8 17.8 26.6

