

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041123\
 Data File : BG057058.D
 Acq On : 11 Apr 2023 18:22
 Operator : CG/JU
 Sample : 02271-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FB-040723

Quant Time: Apr 12 04:42:23 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)

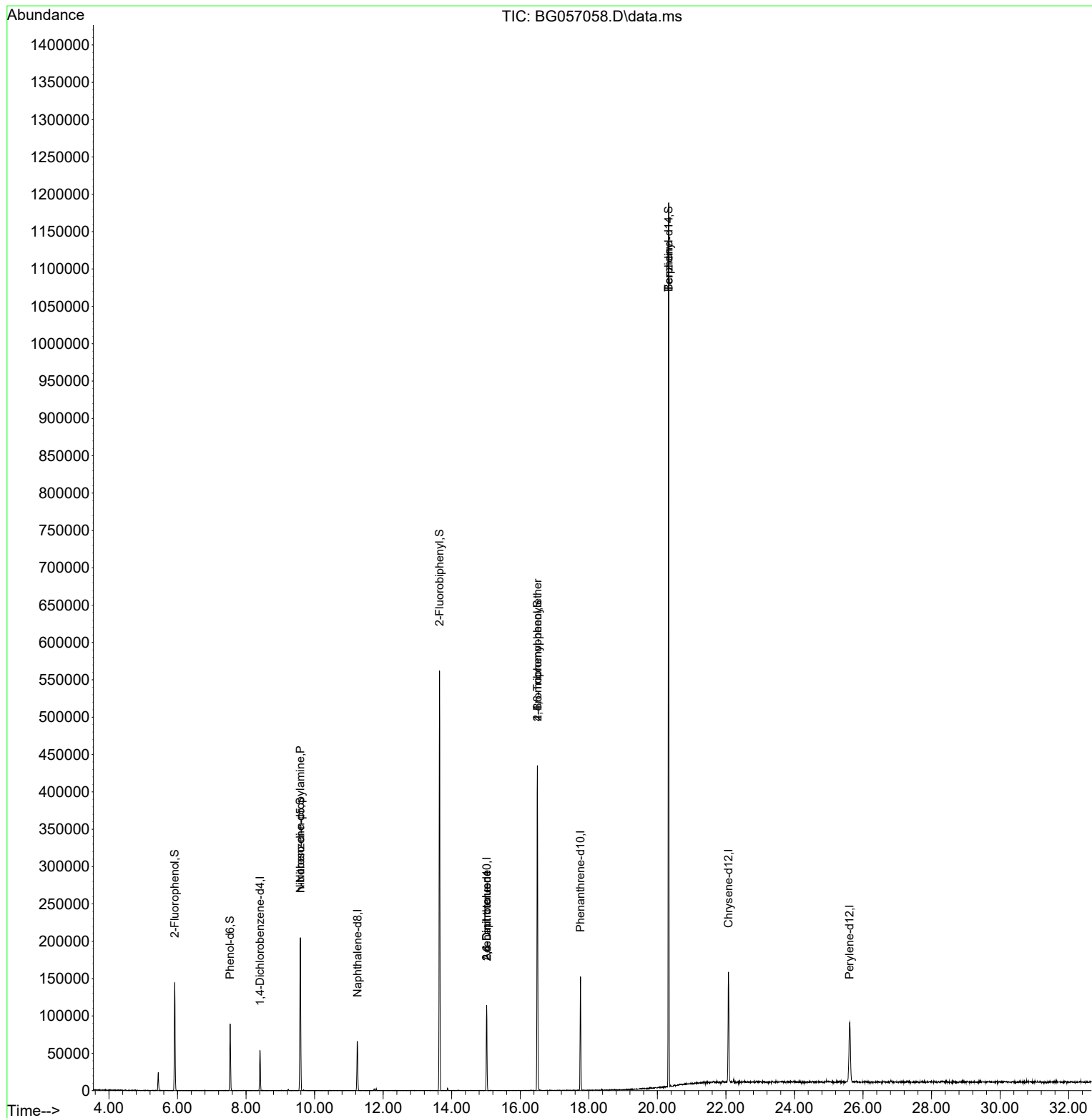
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.404	152	15076	20.000	ng	0.00
21) Naphthalene-d8	11.248	136	57221	20.000	ng	0.00
39) Acenaphthene-d10	15.019	164	40271	20.000	ng	0.00
64) Phenanthrene-d10	17.756	188	96095	20.000	ng	0.00
76) Chrysene-d12	22.074	240	95472	20.000	ng	# 0.00
86) Perylene-d12	25.605	264	99455	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.919	112	61969	65.785	ng	0.00
7) Phenol-d6	7.535	99	50366	35.750	ng	0.00
23) Nitrobenzene-d5	9.585	82	128523	91.904	ng	0.00
42) 2,4,6-Tribromophenol	16.499	330	88955	138.270	ng	0.00
45) 2-Fluorobiphenyl	13.644	172	282089	94.985	ng	0.00
79) Terphenyl-d14	20.329	244	586661	103.981	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.585	70	17098	16.967	ng	# 85
51) 2,6-Dinitrotoluene	15.019	165	5191	7.572	ng	# 18
57) 2,4-Dinitrotoluene	15.019	165	5191	5.369	ng	# 18
67) 4-Bromophenyl-phenylether	16.499	248	5444	4.579	ng	# 1
77) Benzidine	20.329	184	8715	3.340	ng	# 88

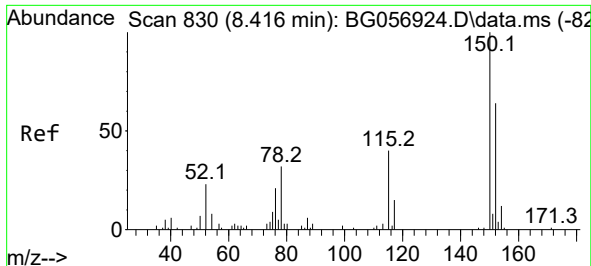
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041123\
Data File : BG057058.D
Acq On : 11 Apr 2023 18:22
Operator : CG/JU
Sample : 02271-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
FB-040723

Quant Time: Apr 12 04:42:23 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

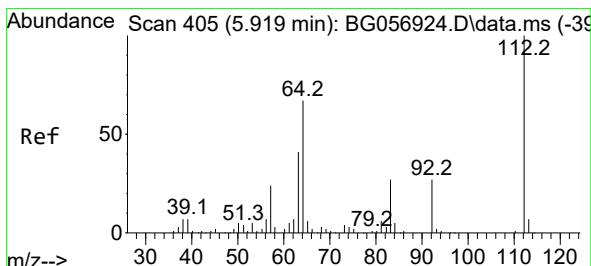
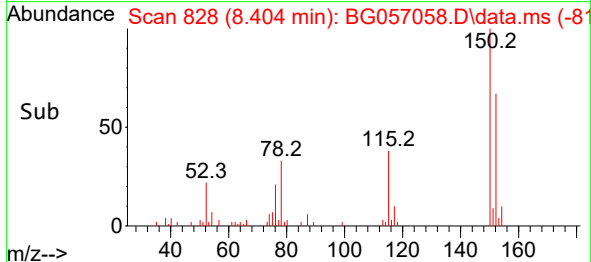
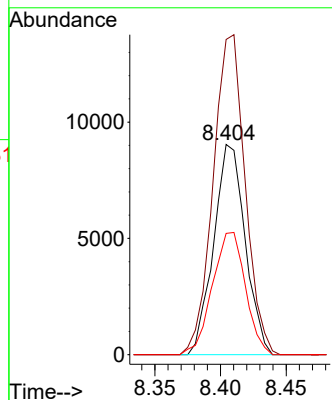
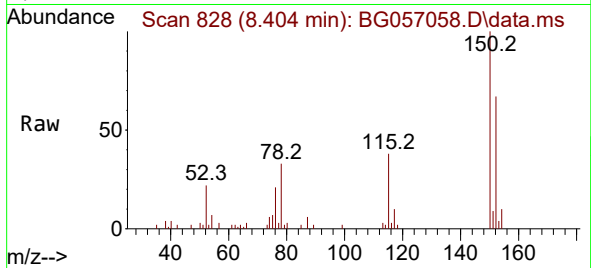




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.404 min Scan# 81
Delta R.T. -0.004 min
Lab File: BG057058.D
Acq: 11 Apr 2023 18:22

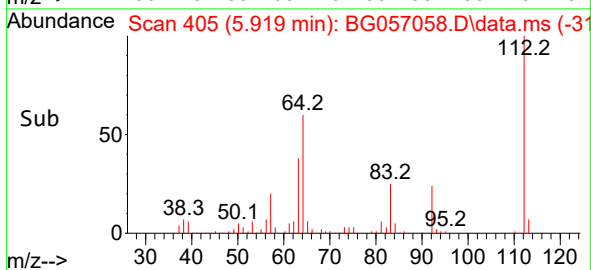
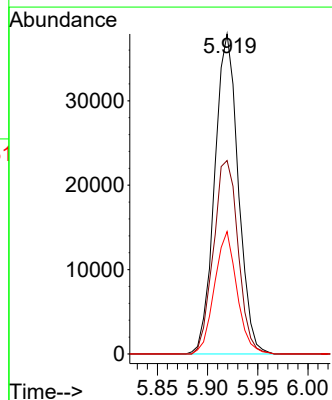
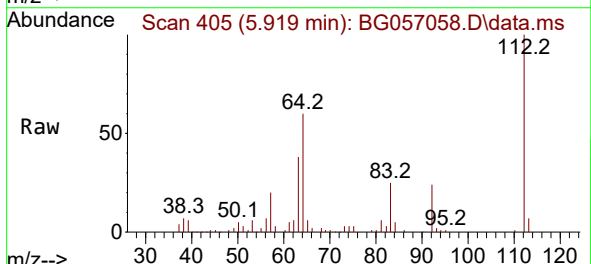
Instrument :
BNA_G
ClientSampleId :
FB-040723

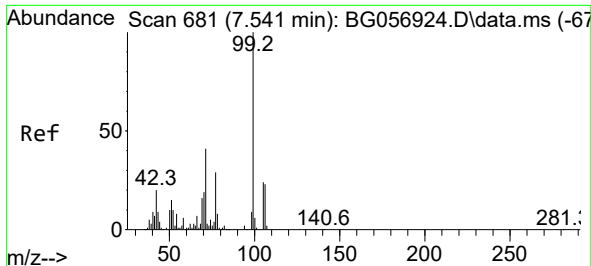
Tgt Ion:152 Resp: 15076
Ion Ratio Lower Upper
152 100
150 150.0 124.1 186.1
115 57.7 49.1 73.7



#5
2-Fluorophenol
Concen: 65.785 ng
RT: 5.919 min Scan# 405
Delta R.T. 0.003 min
Lab File: BG057058.D
Acq: 11 Apr 2023 18:22

Tgt Ion:112 Resp: 61969
Ion Ratio Lower Upper
112 100
64 60.5 53.2 79.8
63 38.2 32.6 48.8

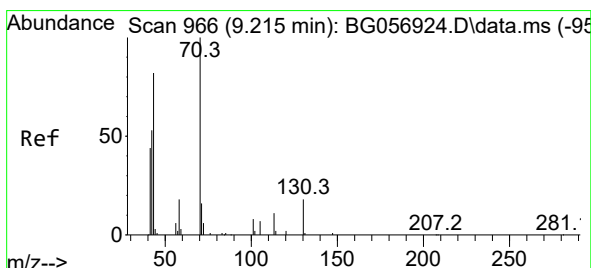
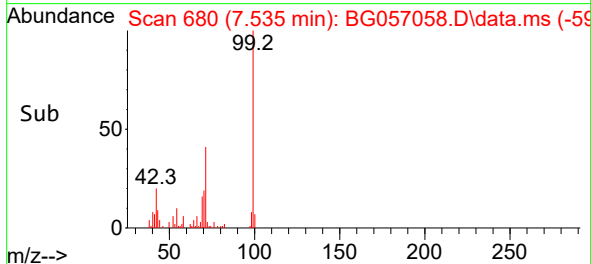
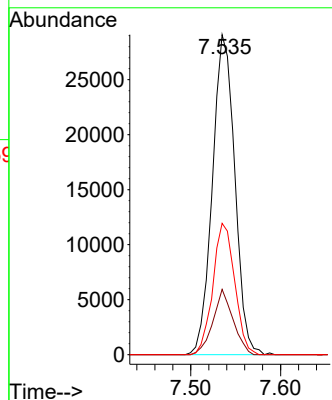
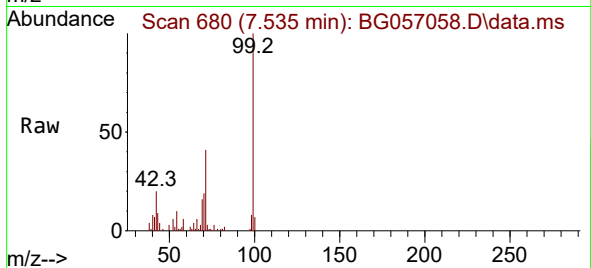




#7
Phenol-d6
Concen: 35.750 ng
RT: 7.535 min Scan# 61
Delta R.T. -0.003 min
Lab File: BG057058.D
Acq: 11 Apr 2023 18:22

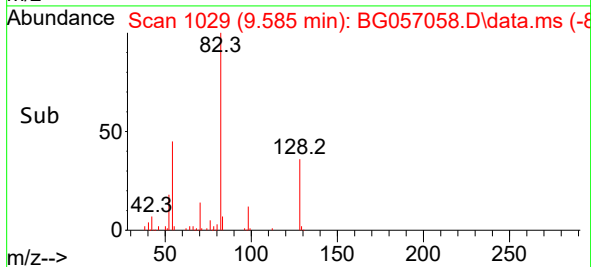
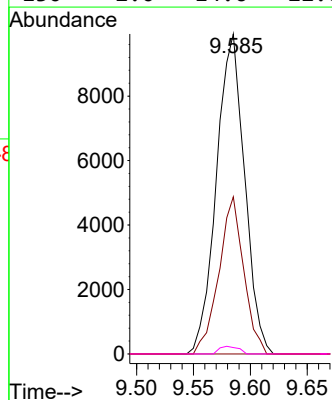
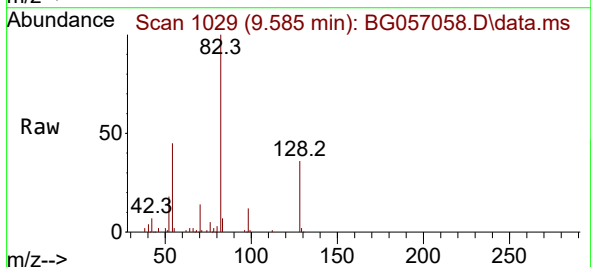
Instrument :
BNA_G
ClientSampleId :
FB-040723

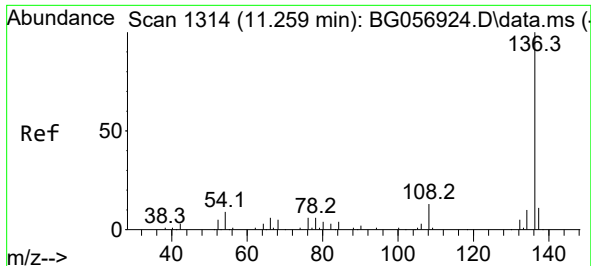
Tgt Ion: 99 Resp: 50366
Ion Ratio Lower Upper
99 100
42 20.4 15.7 23.5
71 41.1 32.5 48.7



#19
n-Nitroso-di-n-propylamine
Concen: 16.967 ng
RT: 9.585 min Scan# 1029
Delta R.T. 0.373 min
Lab File: BG057058.D
Acq: 11 Apr 2023 18:22

Tgt Ion: 70 Resp: 17098
Ion Ratio Lower Upper
70 100
42 49.1 43.4 65.0
101 0.0 6.2 9.2#
130 2.0 14.6 22.0#

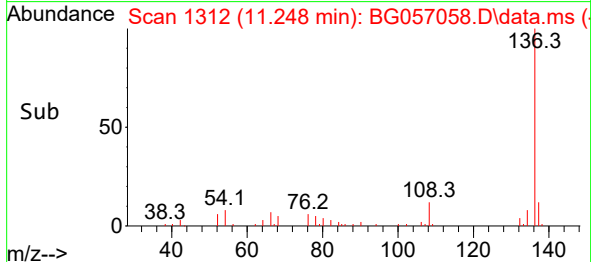
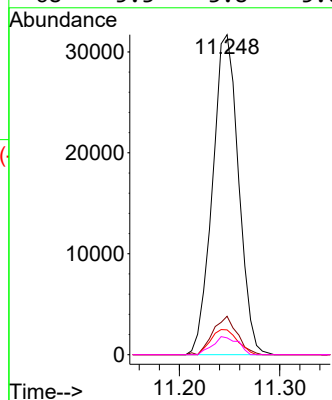
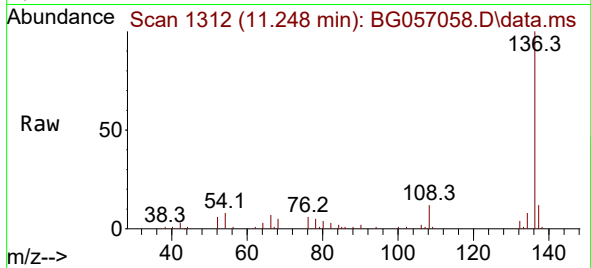




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.248 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG057058.D
Acq: 11 Apr 2023 18:22

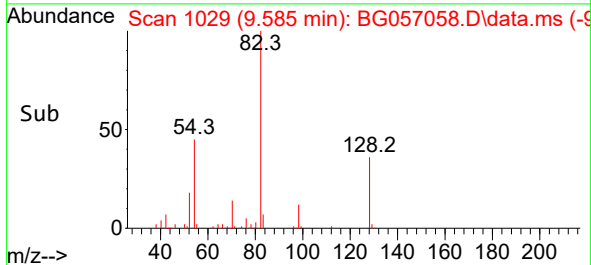
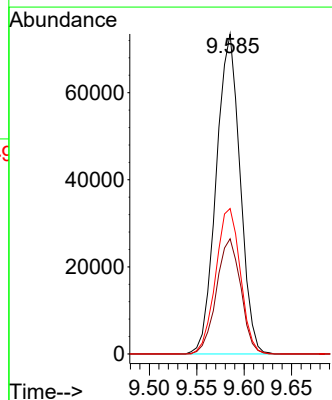
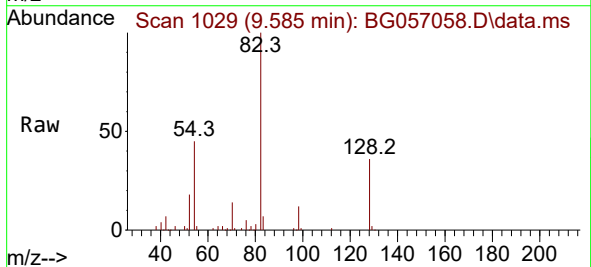
Instrument :
BNA_G
ClientSampleId :
FB-040723

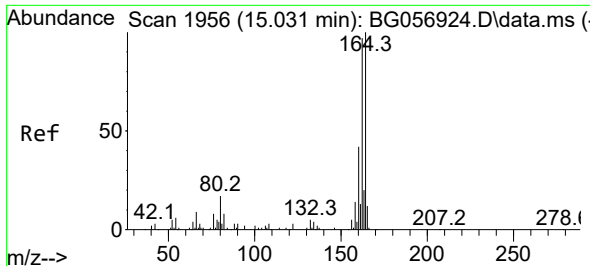
Tgt Ion:	136	Resp:	57221
Ion Ratio	Lower	Upper	
136	100		
137	12.0	8.6	13.0
54	7.8	6.9	10.3
68	5.3	3.8	5.6



#23
Nitrobenzene-d5
Concen: 91.904 ng
RT: 9.585 min Scan# 1029
Delta R.T. -0.003 min
Lab File: BG057058.D
Acq: 11 Apr 2023 18:22

Tgt Ion:	82	Resp:	128523
Ion Ratio	Lower	Upper	
82	100		
128	36.0	27.9	41.9
54	45.4	39.4	59.2

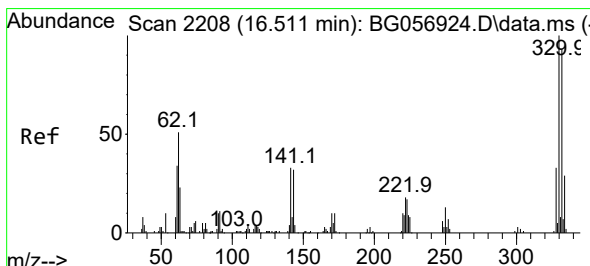
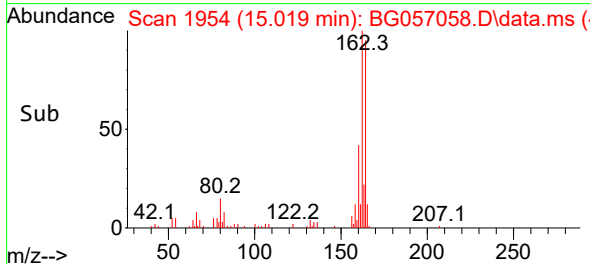
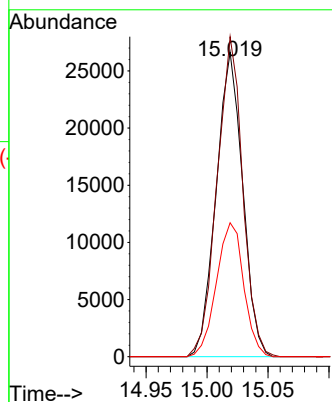
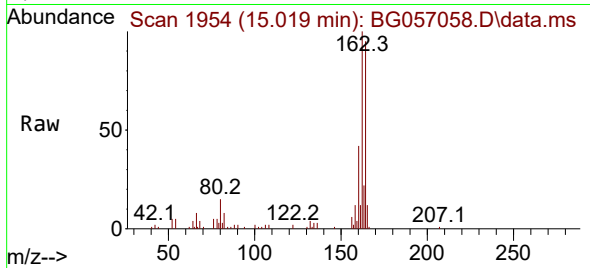




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.019 min Scan# 1954
Delta R.T. -0.003 min
Lab File: BG057058.D
Acq: 11 Apr 2023 18:22

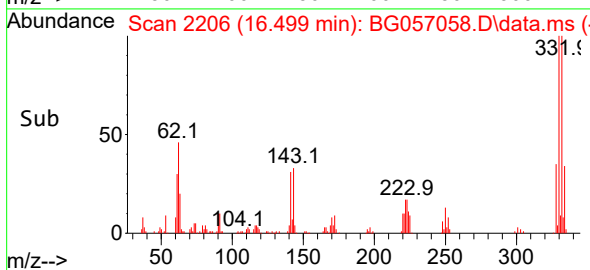
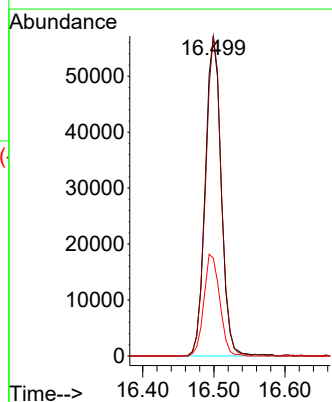
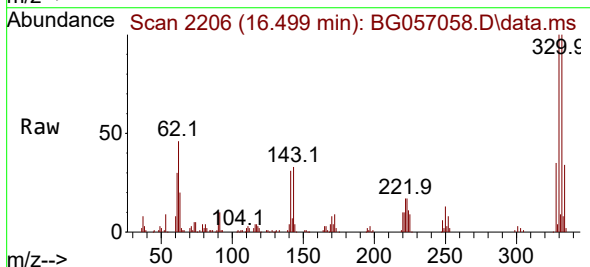
Instrument :
BNA_G
ClientSampleId :
FB-040723

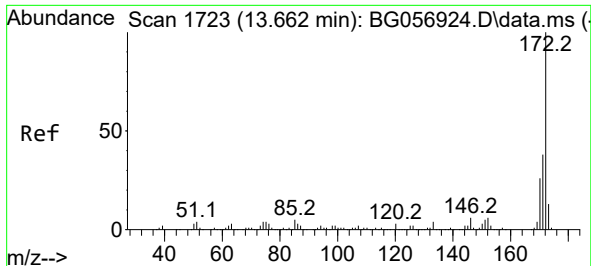
Tgt Ion:164 Resp: 40271
Ion Ratio Lower Upper
164 100
162 105.2 77.8 116.8
160 44.0 33.5 50.3



#42
2,4,6-Tribromophenol
Concen: 138.270 ng
RT: 16.499 min Scan# 2206
Delta R.T. -0.003 min
Lab File: BG057058.D
Acq: 11 Apr 2023 18:22

Tgt Ion:330 Resp: 88955
Ion Ratio Lower Upper
330 100
332 98.6 76.1 114.1
141 31.6 25.8 38.6

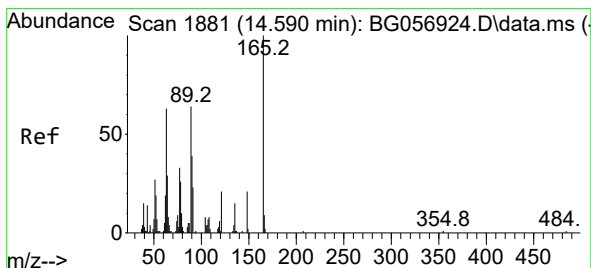
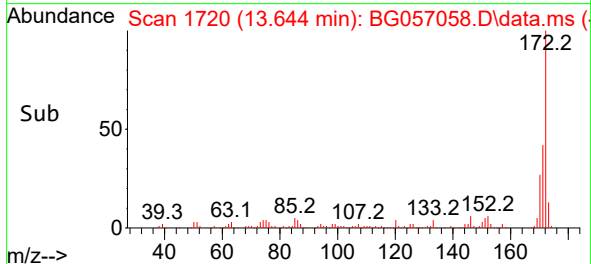
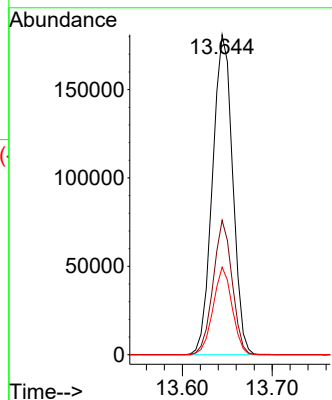
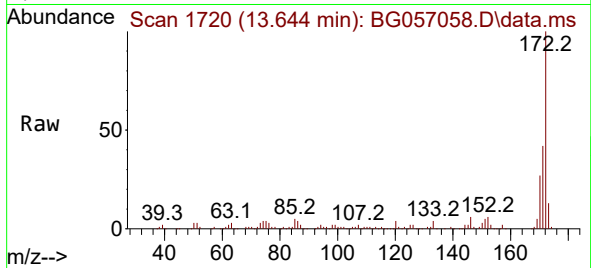




#45
2-Fluorobiphenyl
Concen: 94.985 ng
RT: 13.644 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG057058.D
Acq: 11 Apr 2023 18:22

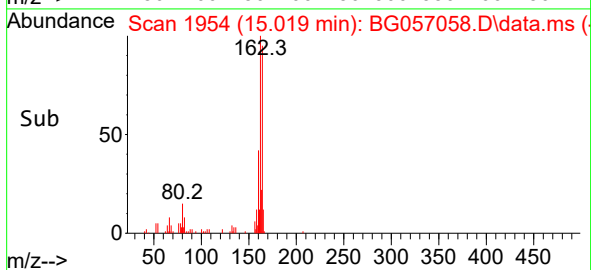
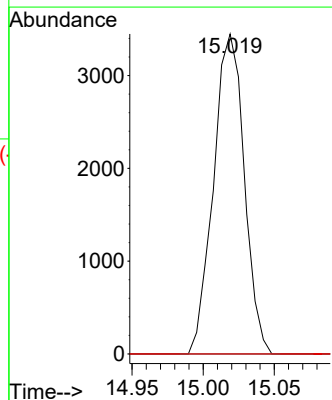
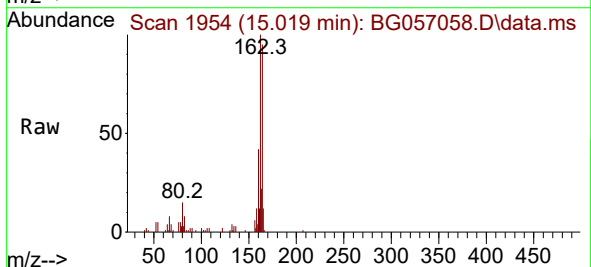
Instrument :
BNA_G
ClientSampleId :
FB-040723

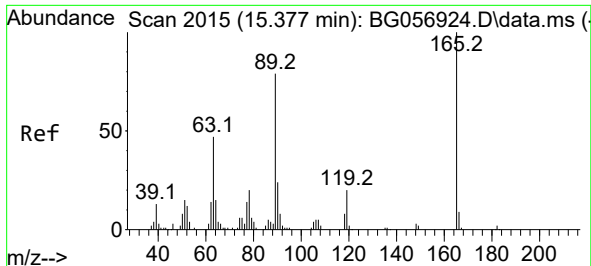
Tgt Ion:172 Resp: 282089
Ion Ratio Lower Upper
172 100
171 42.0 30.6 46.0
170 27.4 20.6 30.8



#51
2,6-Dinitrotoluene
Concen: 7.572 ng
RT: 15.019 min Scan# 1954
Delta R.T. 0.431 min
Lab File: BG057058.D
Acq: 11 Apr 2023 18:22

Tgt Ion:165 Resp: 5191
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: 5.369 ng

RT: 15.019 min Scan# 1954

Delta R.T. -0.350 min

Lab File: BG057058.D

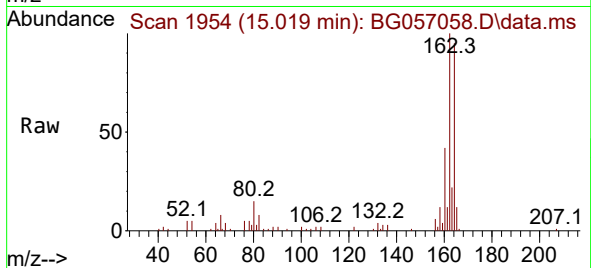
Acq: 11 Apr 2023 18:22

Instrument :

BNA_G

ClientSampleId :

FB-040723



Tgt Ion:165 Resp: 5191

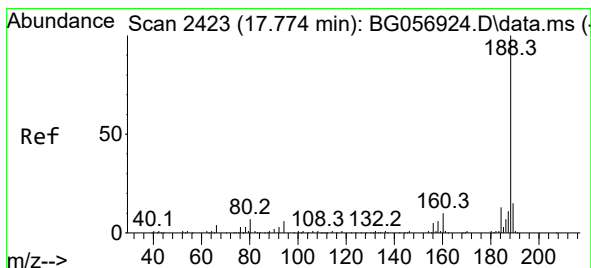
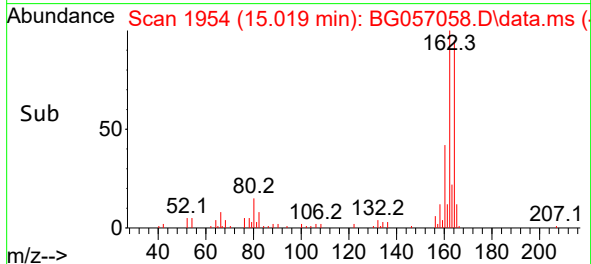
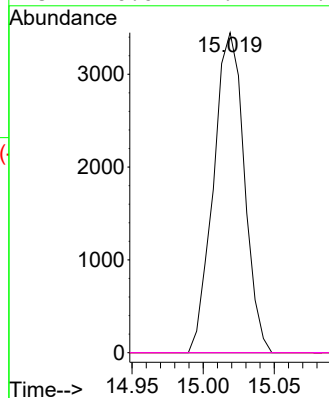
Ion Ratio Lower Upper

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: 17.756 min Scan# 2420

Delta R.T. -0.003 min

Lab File: BG057058.D

Acq: 11 Apr 2023 18:22

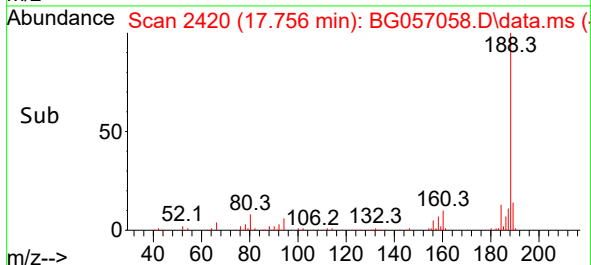
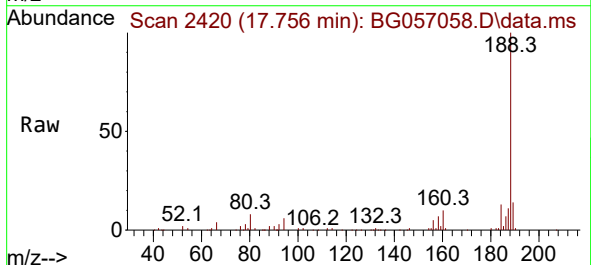
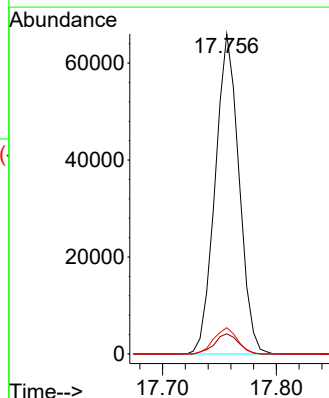
Tgt Ion:188 Resp: 96095

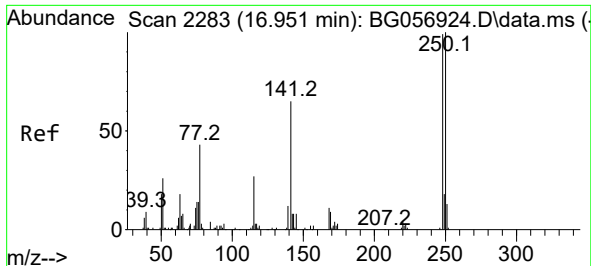
Ion Ratio Lower Upper

188 100

94 6.3 4.6 6.8

80 8.2 5.5 8.3

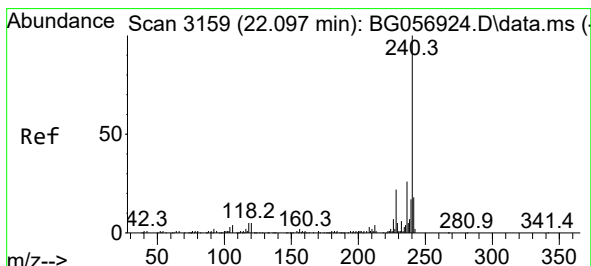
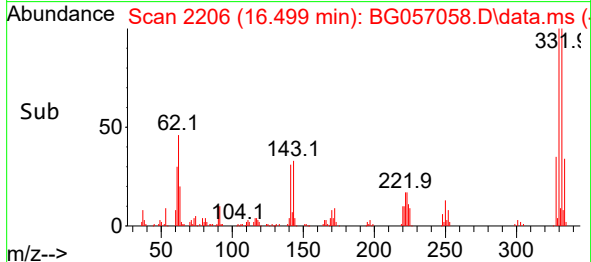
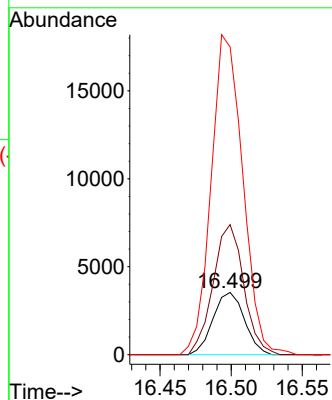
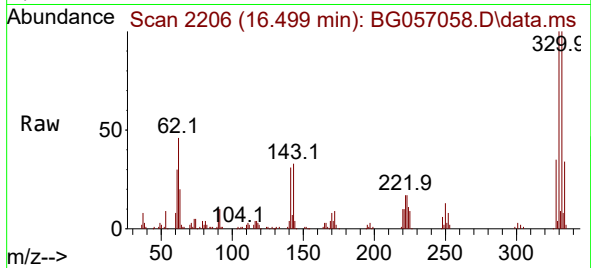




#67
4-Bromophenyl-phenylether
Concen: 4.579 ng
RT: 16.499 min Scan# 21
Delta R.T. -0.438 min
Lab File: BG057058.D
Acq: 11 Apr 2023 18:22

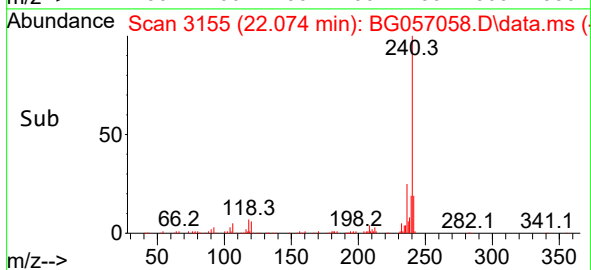
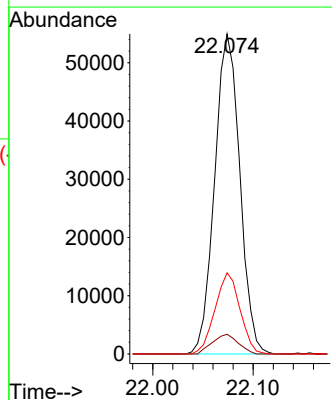
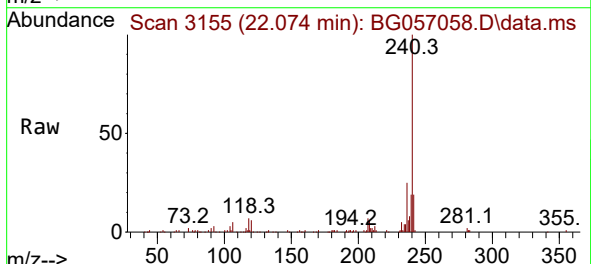
Instrument :
BNA_G
ClientSampleId :
FB-040723

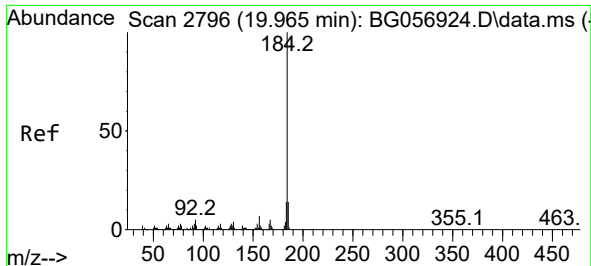
Tgt Ion:248 Resp: 5444
Ion Ratio Lower Upper
248 100
250 209.2 80.5 120.7#
141 494.6 52.0 78.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.074 min Scan# 3155
Delta R.T. -0.009 min
Lab File: BG057058.D
Acq: 11 Apr 2023 18:22

Tgt Ion:240 Resp: 95472
Ion Ratio Lower Upper
240 100
120 6.1 3.8 5.6#
236 25.3 21.0 31.6

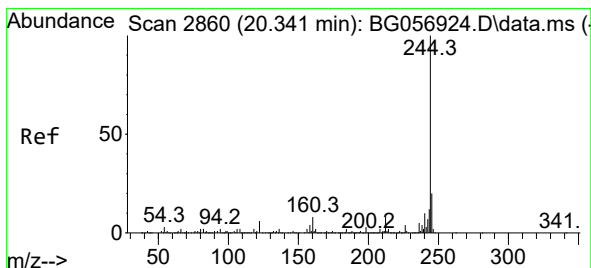
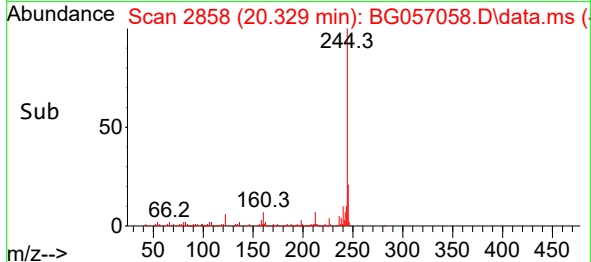
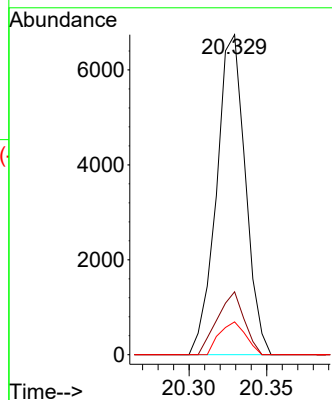
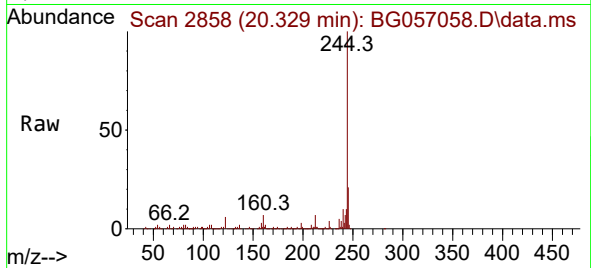




#77
Benzidine
Concen: 3.340 ng
RT: 20.329 min Scan# 2858
Delta R.T. 0.378 min
Lab File: BG057058.D
Acq: 11 Apr 2023 18:22

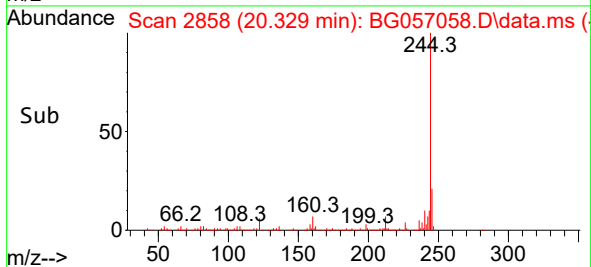
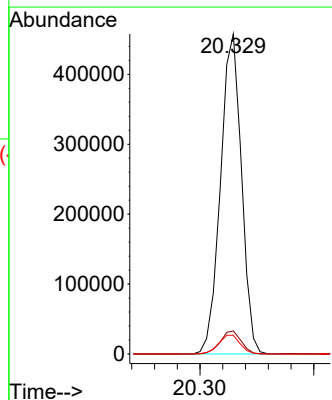
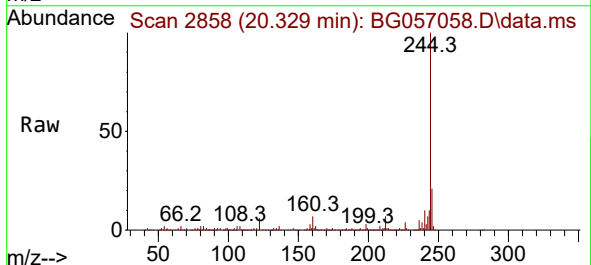
Instrument :
BNA_G
ClientSampleId :
FB-040723

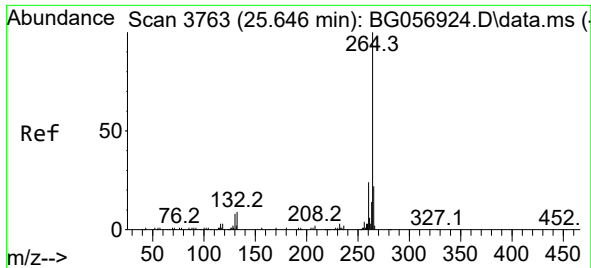
Tgt Ion:184 Resp: 8715
Ion Ratio Lower Upper
184 100
185 19.7 11.0 16.4#
183 10.2 11.4 17.0#



#79
Terphenyl-d14
Concen: 103.981 ng
RT: 20.329 min Scan# 2858
Delta R.T. 0.002 min
Lab File: BG057058.D
Acq: 11 Apr 2023 18:22

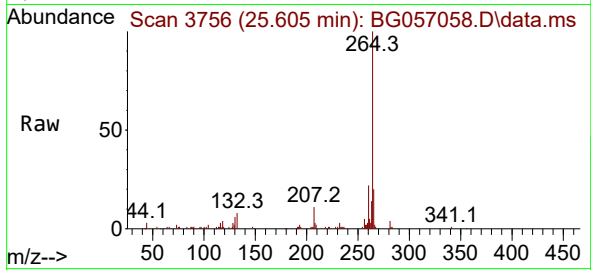
Tgt Ion:244 Resp: 586661
Ion Ratio Lower Upper
244 100
212 7.2 6.1 9.1
122 5.9 5.0 7.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.605 min Scan# 31
Delta R.T. -0.027 min
Lab File: BG057058.D
Acq: 11 Apr 2023 18:22

Instrument :
BNA_G
ClientSampleId :
FB-040723



Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.1	19.0	28.4
265	20.3	17.8	26.6

