

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041223\
 Data File : BG057073.D
 Acq On : 12 Apr 2023 21:34
 Operator : CG/JU
 Sample : 02283-05
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 20230329-COMP-7

Quant Time: Apr 13 05:27:17 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 13 05:15:23 2023
 Response via : Initial Calibration

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

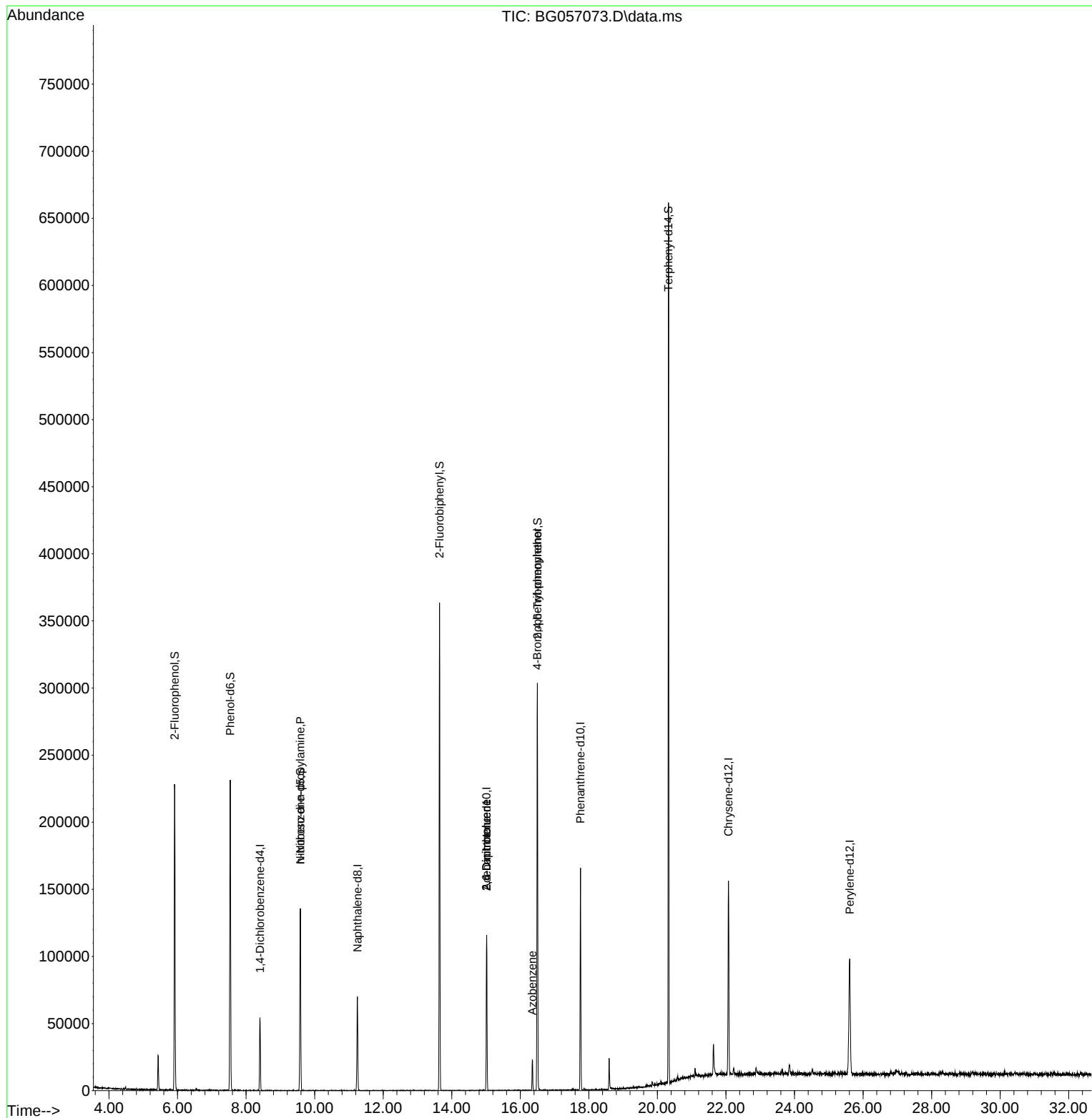
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.403	152	14997	20.000	ng	0.00
21) Naphthalene-d8	11.246	136	58684	20.000	ng	# 0.00
39) Acenaphthene-d10	15.017	164	41632	20.000	ng	0.00
64) Phenanthrene-d10	17.755	188	102971	20.000	ng	0.00
76) Chrysene-d12	22.072	240	95363	20.000	ng	# 0.00
86) Perylene-d12	25.609	264	101680	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.912	112	98383	104.992	ng	0.00
7) Phenol-d6	7.539	99	133989	95.606	ng	0.00
23) Nitrobenzene-d5	9.583	82	85790	59.817	ng	0.00
42) 2,4,6-Tribromophenol	16.498	330	62170	93.477	ng	0.00
45) 2-Fluorobiphenyl	13.643	172	180723	58.864	ng	0.00
79) Terphenyl-d14	20.322	244	316071	56.085	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.583	70	12042	12.013	ng	# 73
51) 2,6-Dinitrotoluene	15.017	165	5201	7.338	ng	# 18
57) 2,4-Dinitrotoluene	15.017	165	5201	5.203	ng	# 18
63) Azobenzene	16.351	77	7619	2.325	ng	# 3
67) 4-Bromophenyl-phenylether	16.492	248	4132	3.243	ng	# 1

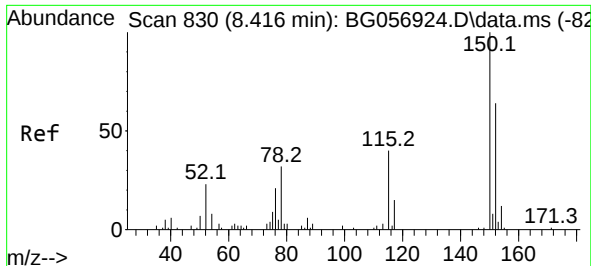
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041223\
Data File : BG057073.D
Acq On : 12 Apr 2023 21:34
Operator : CG/JU
Sample : 02283-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
20230329-COMP-7

Quant Time: Apr 13 05:27:17 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 13 05:15:23 2023
Response via : Initial Calibration

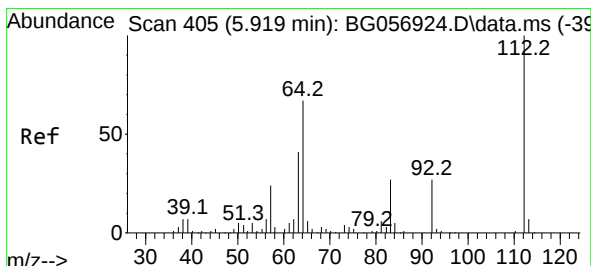
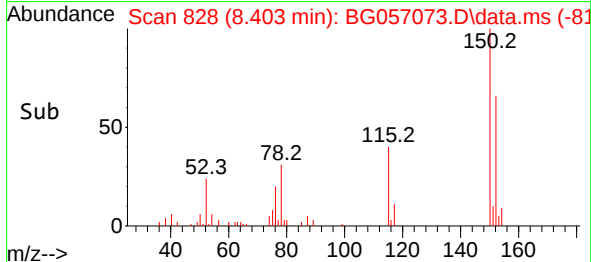
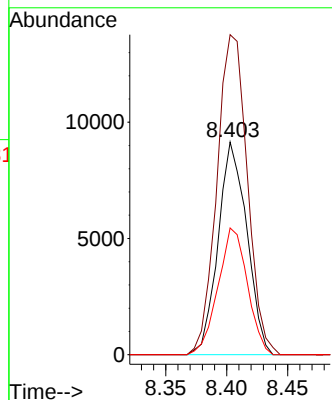
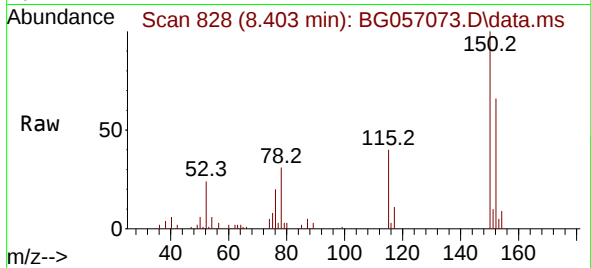




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.403 min Scan# 81
Delta R.T. -0.008 min
Lab File: BG057073.D
Acq: 12 Apr 2023 21:34

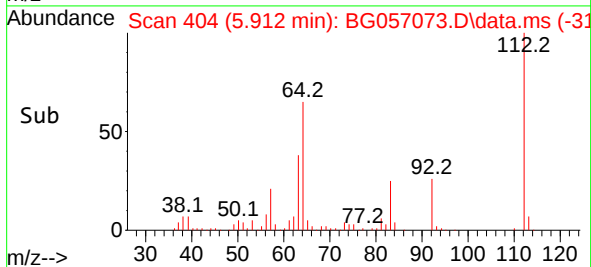
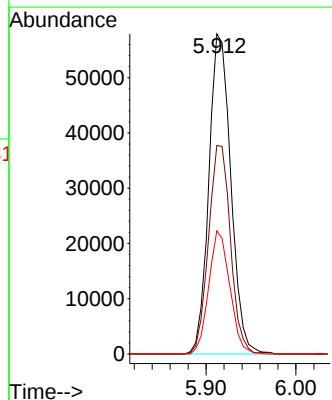
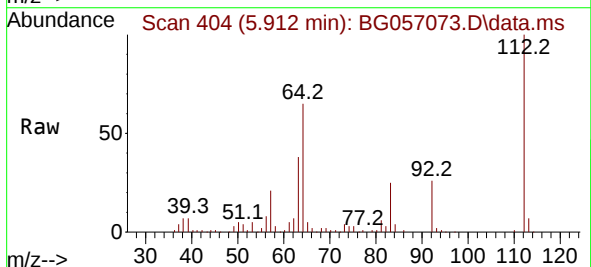
Instrument :
BNA_G
ClientSampleId :
20230329-COMP-7

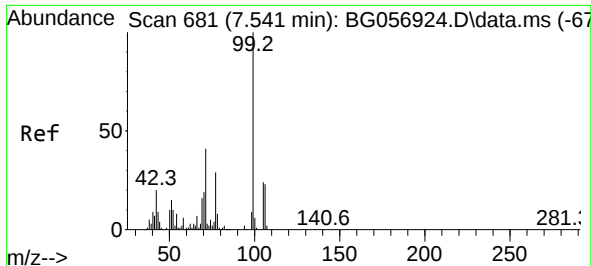
Tgt Ion:152 Resp: 14997
Ion Ratio Lower Upper
152 100
150 150.5 124.1 186.1
115 59.6 49.1 73.7



#5
2-Fluorophenol
Concen: 104.992 ng
RT: 5.912 min Scan# 404
Delta R.T. -0.003 min
Lab File: BG057073.D
Acq: 12 Apr 2023 21:34

Tgt Ion:112 Resp: 98383
Ion Ratio Lower Upper
112 100
64 65.1 53.2 79.8
63 38.5 32.6 48.8

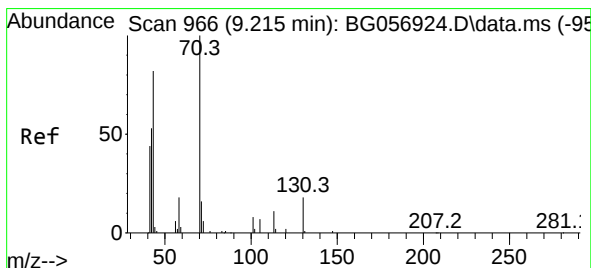
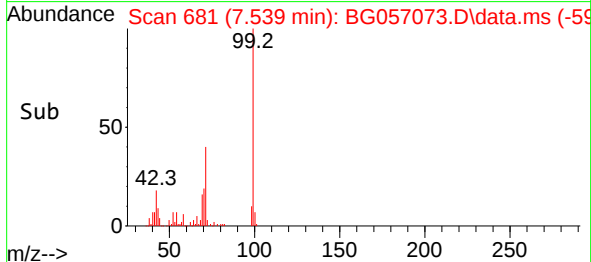
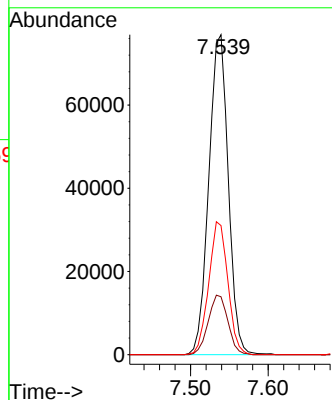
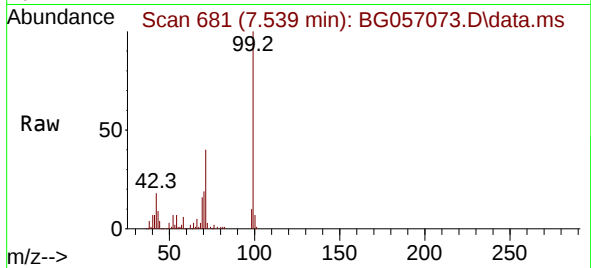




#7
Phenol-d6
Concen: 95.606 ng
RT: 7.539 min Scan# 61
Delta R.T. 0.003 min
Lab File: BG057073.D
Acq: 12 Apr 2023 21:34

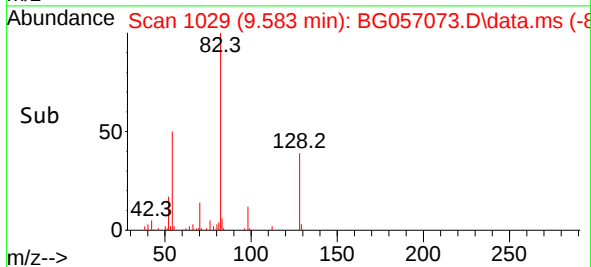
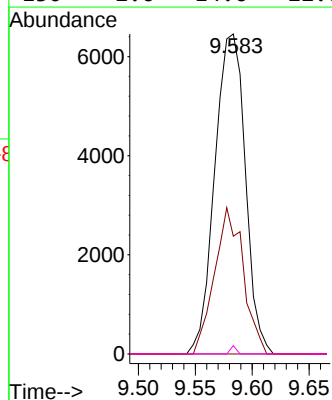
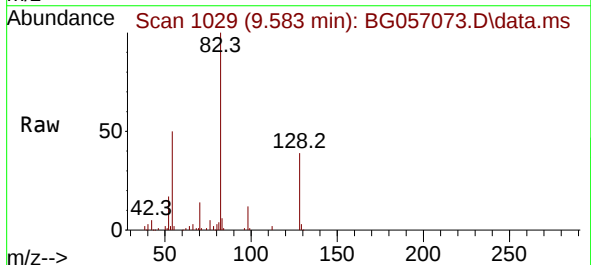
Instrument :
BNA_G
ClientSampleId :
20230329-COMP-7

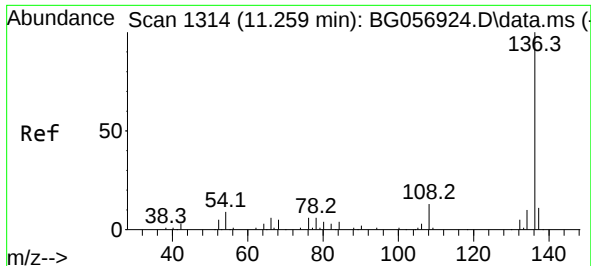
Tgt Ion: 99 Resp: 133989
Ion Ratio Lower Upper
99 100
42 18.1 15.7 23.5
71 40.3 32.5 48.7



#19
n-Nitroso-di-n-propylamine
Concen: 12.013 ng
RT: 9.583 min Scan# 1029
Delta R.T. 0.373 min
Lab File: BG057073.D
Acq: 12 Apr 2023 21:34

Tgt Ion: 70 Resp: 12042
Ion Ratio Lower Upper
70 100
42 36.8 43.4 65.0#
101 0.0 6.2 9.2#
130 2.6 14.6 22.0#

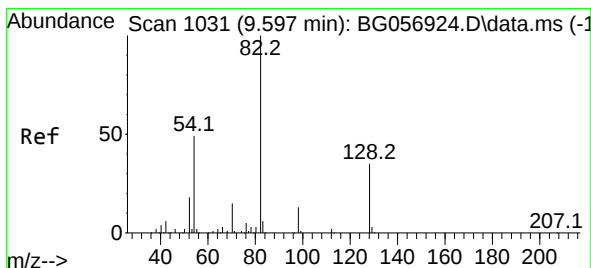
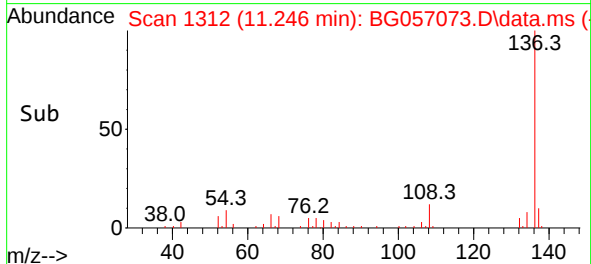
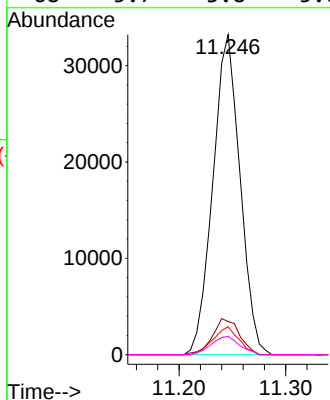
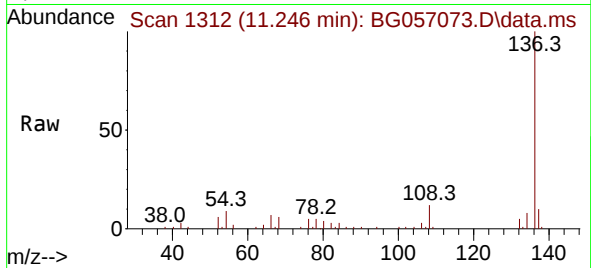




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.246 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG057073.D
Acq: 12 Apr 2023 21:34

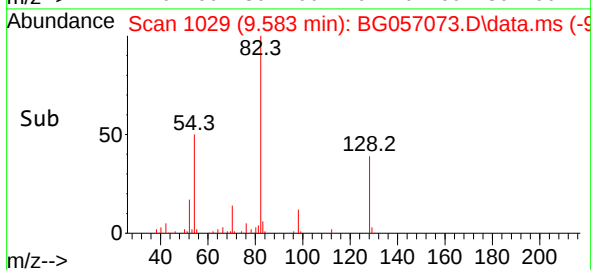
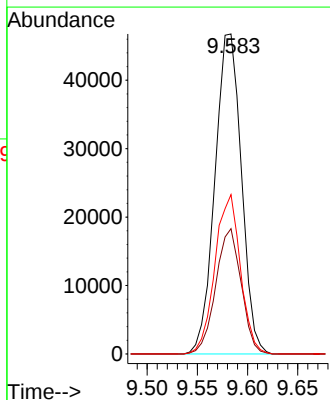
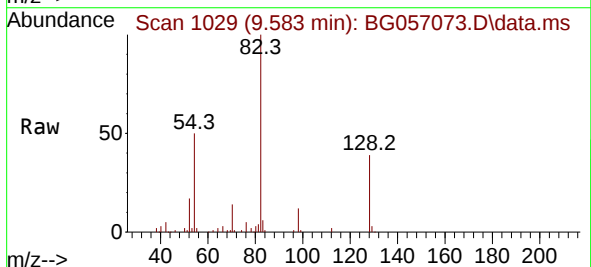
Instrument :
BNA_G
ClientSampleId :
20230329-COMP-7

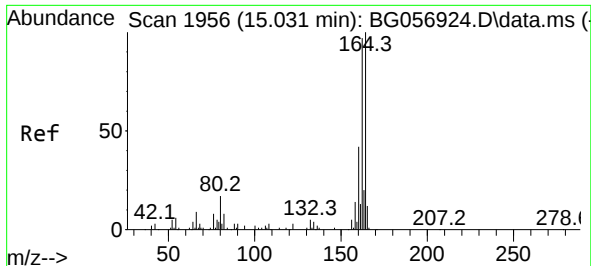
Tgt Ion:	136	Resp:	58684
Ion Ratio	Lower	Upper	
136	100		
137	10.4	8.6	13.0
54	8.8	6.9	10.3
68	5.7	3.8	5.6



#23
Nitrobenzene-d5
Concen: 59.817 ng
RT: 9.583 min Scan# 1029
Delta R.T. -0.003 min
Lab File: BG057073.D
Acq: 12 Apr 2023 21:34

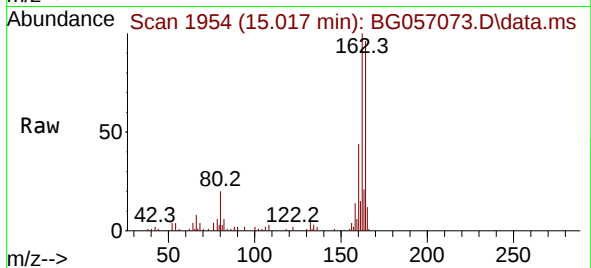
Tgt Ion:	82	Resp:	85790
Ion Ratio	Lower	Upper	
82	100		
128	39.1	27.9	41.9
54	49.8	39.4	59.2



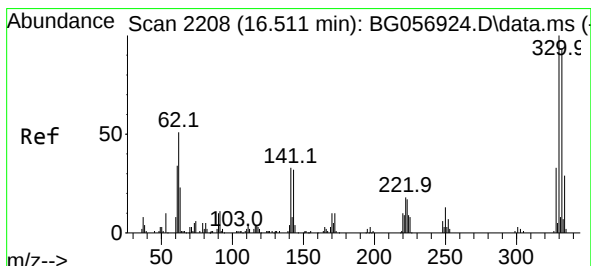
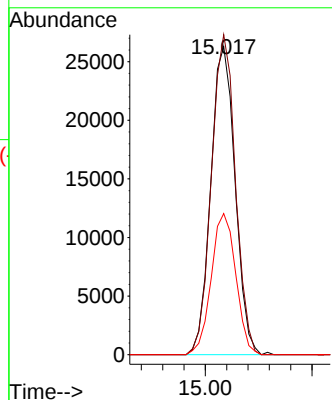
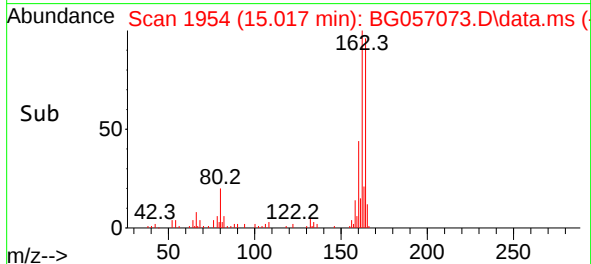


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.017 min Scan# 1954
Delta R.T. -0.003 min
Lab File: BG057073.D
Acq: 12 Apr 2023 21:34

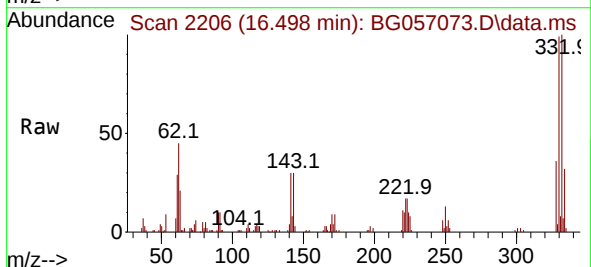
Instrument :
BNA_G
ClientSampleId :
20230329-COMP-7



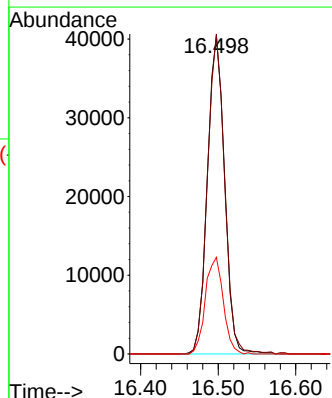
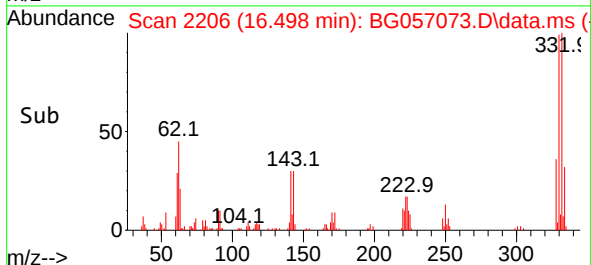
Tgt Ion:164 Resp: 41632
Ion Ratio Lower Upper
164 100
162 103.9 77.8 116.8
160 45.8 33.5 50.3

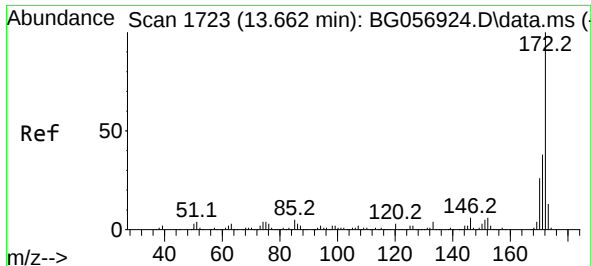


#42
2,4,6-Tribromophenol
Concen: 93.477 ng
RT: 16.498 min Scan# 2206
Delta R.T. -0.003 min
Lab File: BG057073.D
Acq: 12 Apr 2023 21:34



Tgt Ion:330 Resp: 62170
Ion Ratio Lower Upper
330 100
332 100.3 76.1 114.1
141 31.6 25.8 38.6

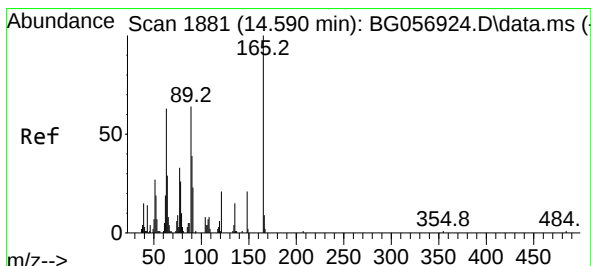
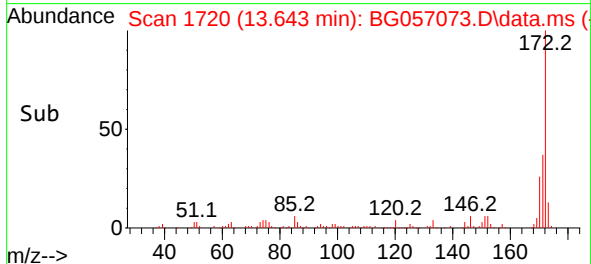
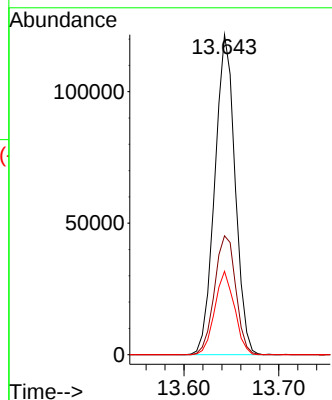
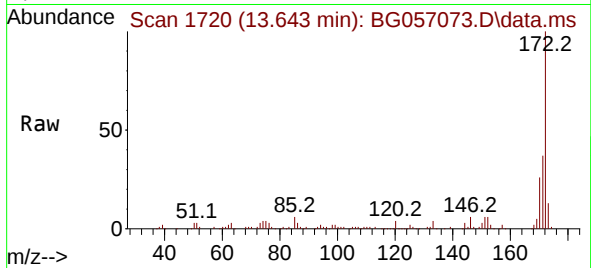




#45
2-Fluorobiphenyl
Concen: 58.864 ng
RT: 13.643 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG057073.D
Acq: 12 Apr 2023 21:34

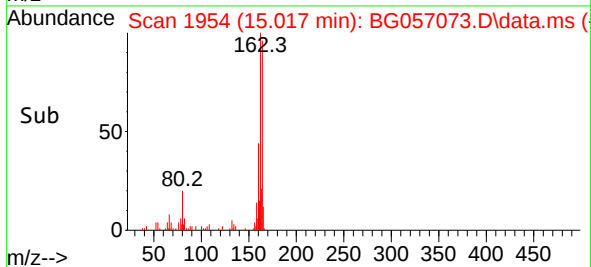
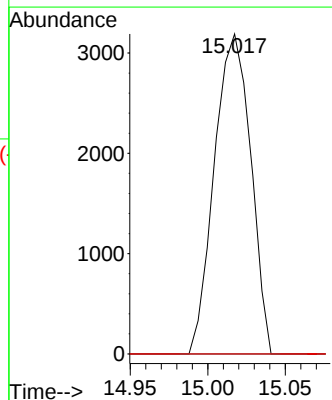
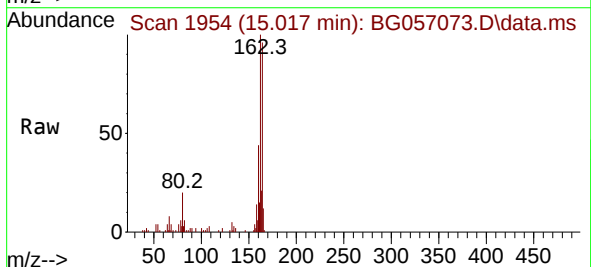
Instrument :
BNA_G
ClientSampleId :
20230329-COMP-7

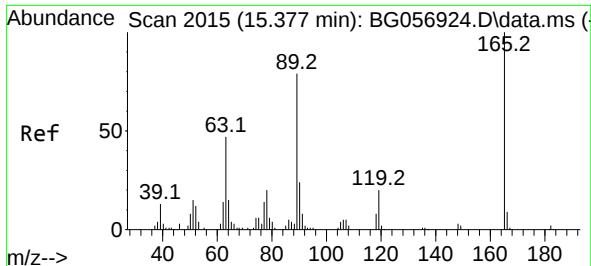
Tgt Ion:172 Resp: 180723
Ion Ratio Lower Upper
172 100
171 37.1 30.6 46.0
170 26.0 20.6 30.8



#51
2,6-Dinitrotoluene
Concen: 7.338 ng
RT: 15.017 min Scan# 1954
Delta R.T. 0.432 min
Lab File: BG057073.D
Acq: 12 Apr 2023 21:34

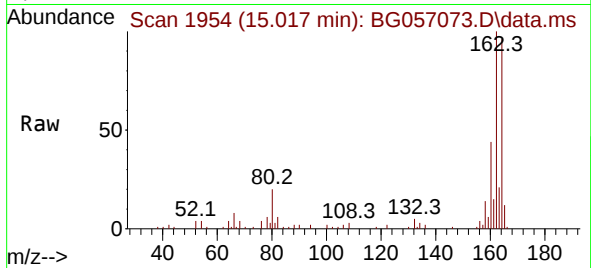
Tgt Ion:165 Resp: 5201
Ion Ratio Lower Upper
165 100
63 0.0 53.0 79.6#
89 0.0 51.0 76.4#



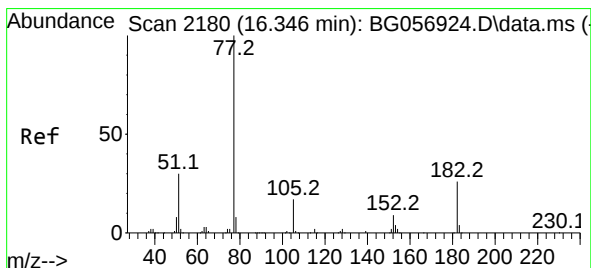
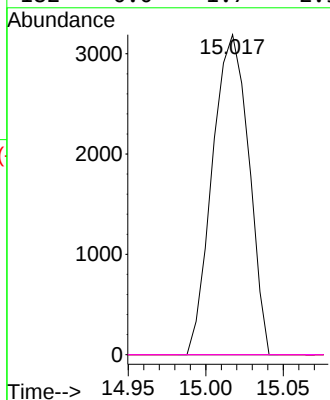
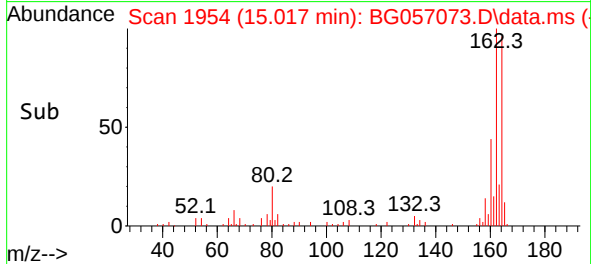


#57
2,4-Dinitrotoluene
Concen: 5.203 ng
RT: 15.017 min Scan# 1954
Delta R.T. -0.349 min
Lab File: BG057073.D
Acq: 12 Apr 2023 21:34

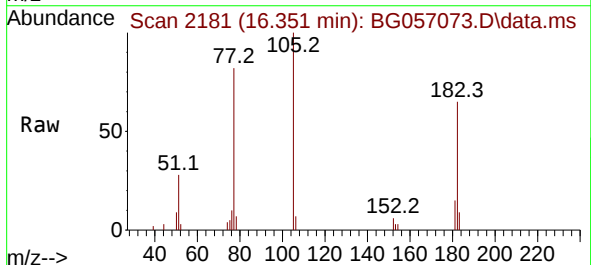
Instrument :
BNA_G
ClientSampleId :
20230329-COMP-7



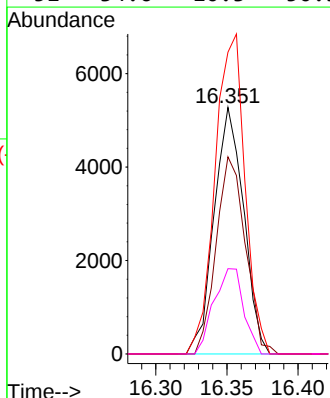
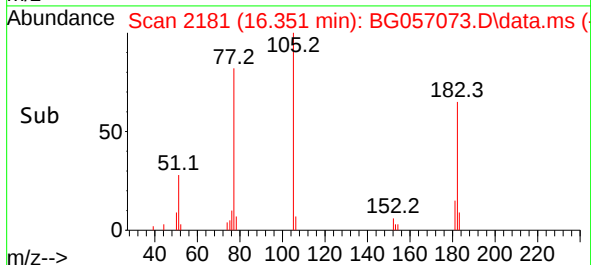
Tgt Ion:165 Resp: 5201
Ion Ratio Lower Upper
165 100
63 0.0 37.7 56.5#
89 0.0 63.2 94.8#
182 0.0 1.7 2.5#

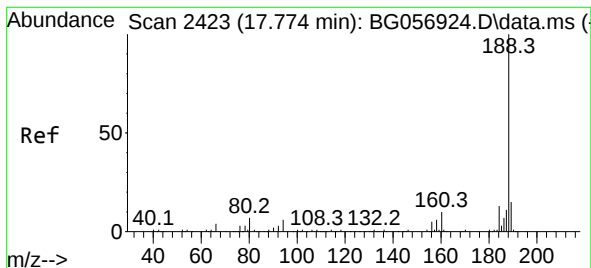


#63
Azobenzene
Concen: 2.325 ng
RT: 16.351 min Scan# 2181
Delta R.T. 0.015 min
Lab File: BG057073.D
Acq: 12 Apr 2023 21:34



Tgt Ion: 77 Resp: 7619
Ion Ratio Lower Upper
77 100
182 80.0 5.9 45.9#
105 122.4 0.0 36.8#
51 34.6 10.3 50.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.755 min Scan# 24

Delta R.T. -0.008 min

Lab File: BG057073.D

Acq: 12 Apr 2023 21:34

Instrument :

BNA_G

ClientSampleId :

20230329-COMP-7

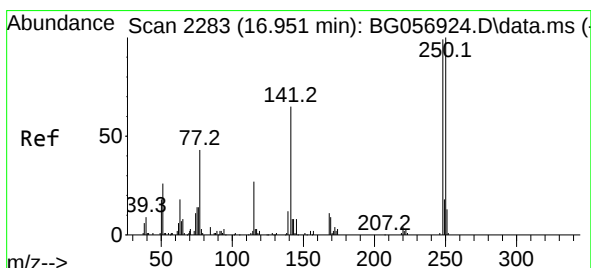
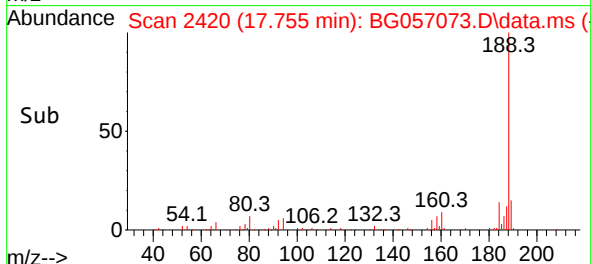
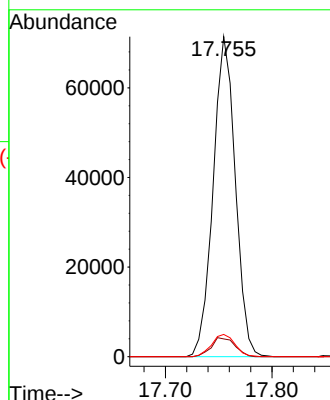
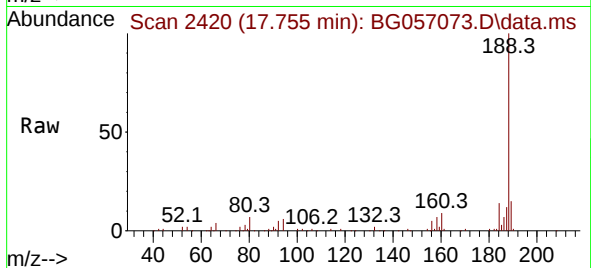
Tgt Ion:188 Resp: 102971

Ion Ratio Lower Upper

188 100

94 5.5 4.6 6.8

80 7.0 5.5 8.3



#67

4-Bromophenyl-phenylether

Concen: 3.243 ng

RT: 16.492 min Scan# 2205

Delta R.T. -0.443 min

Lab File: BG057073.D

Acq: 12 Apr 2023 21:34

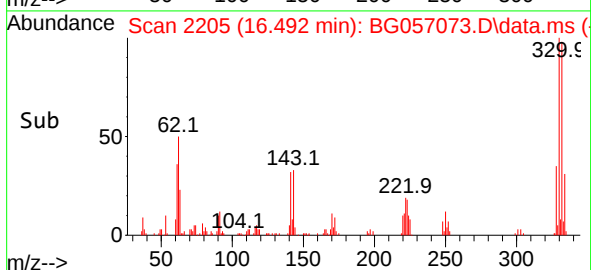
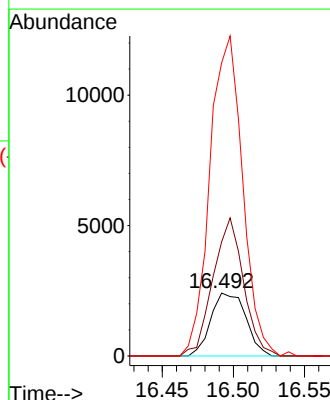
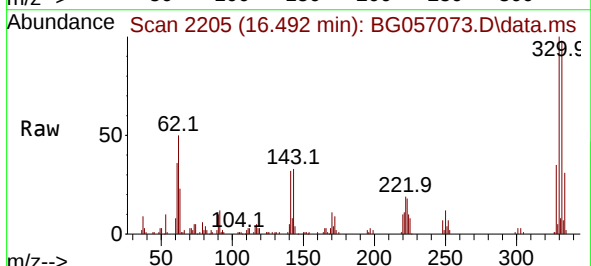
Tgt Ion:248 Resp: 4132

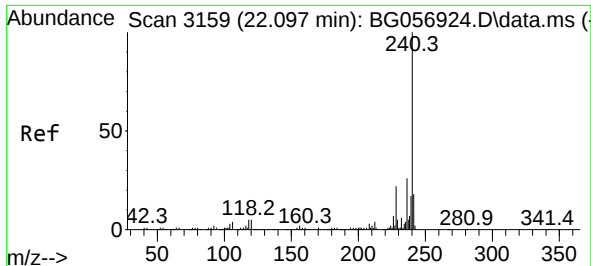
Ion Ratio Lower Upper

248 100

250 181.5 80.5 120.7#

141 466.0 52.0 78.0#

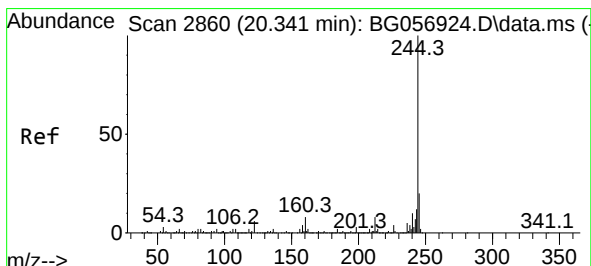
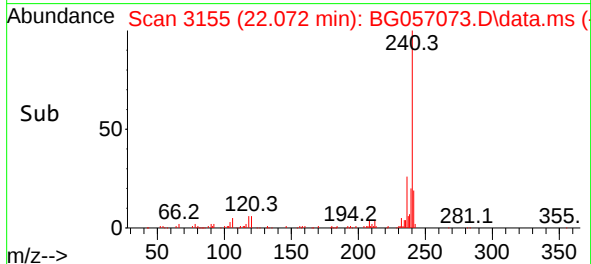
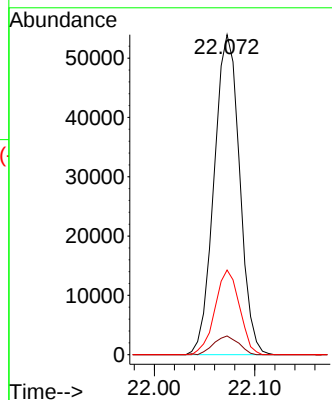
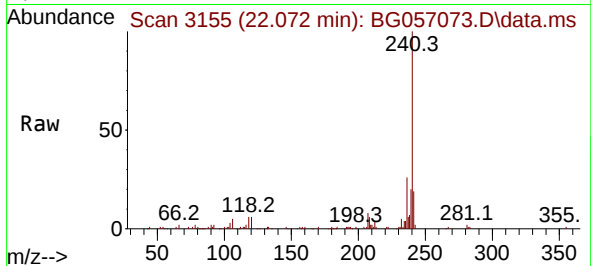




#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.072 min Scan# 3159
Delta R.T. -0.009 min
Lab File: BG057073.D
Acq: 12 Apr 2023 21:34

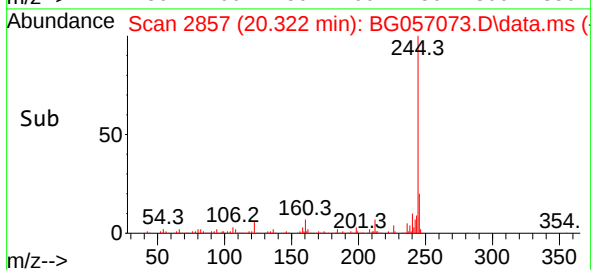
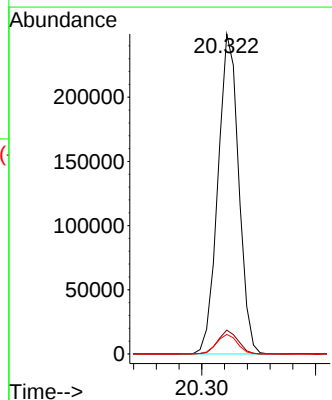
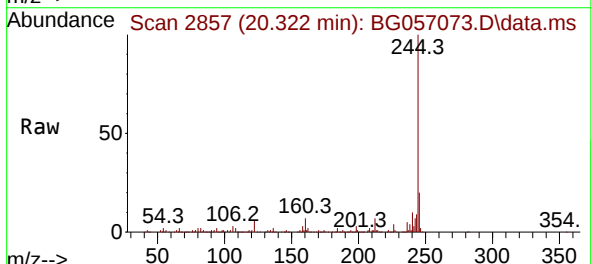
Instrument :
BNA_G
ClientSampleId :
20230329-COMP-7

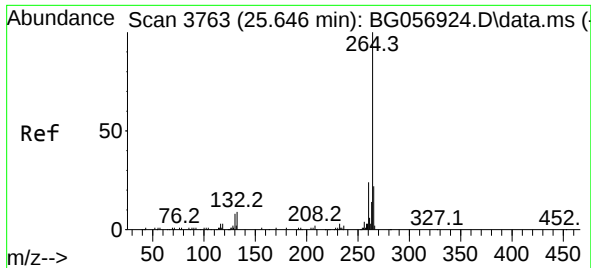
Tgt Ion:240 Resp: 95363
Ion Ratio Lower Upper
240 100
120 5.8 3.8 5.6#
236 26.4 21.0 31.6



#79
Terphenyl-d14
Concen: 56.085 ng
RT: 20.322 min Scan# 2857
Delta R.T. -0.003 min
Lab File: BG057073.D
Acq: 12 Apr 2023 21:34

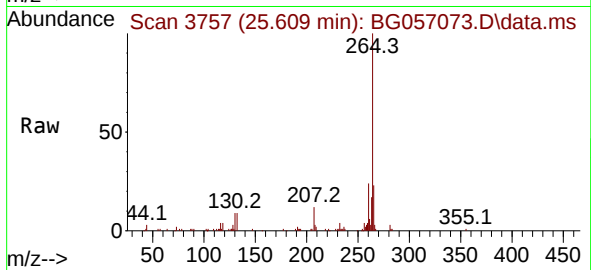
Tgt Ion:244 Resp: 316071
Ion Ratio Lower Upper
244 100
212 7.4 6.1 9.1
122 6.1 5.0 7.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.609 min Scan# 31
Delta R.T. -0.003 min
Lab File: BG057073.D
Acq: 12 Apr 2023 21:34

Instrument :
BNA_G
ClientSampleId :
20230329-COMP-7



Tgt Ion:264 Resp: 101680

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.0	28.4
265	22.6	17.8	26.6

