

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041423\
 Data File : BG057103.D
 Acq On : 14 Apr 2023 17:05
 Operator : CG/JU
 Sample : 02347-06
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 20230332-COMP-10

Quant Time: Apr 14 18:38:00 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)

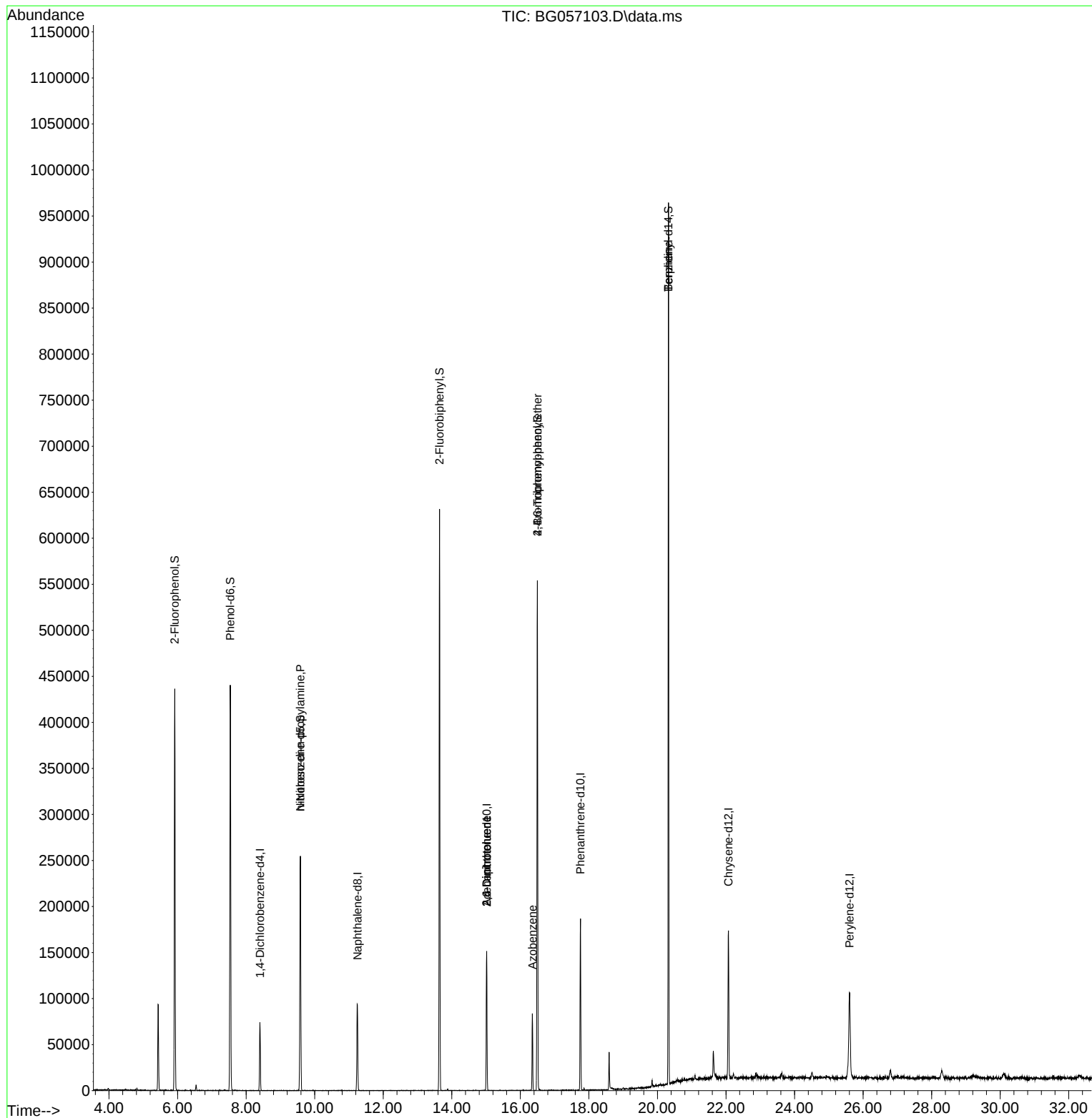
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.402	152	19935	20.000	ng	0.00
21) Naphthalene-d8	11.245	136	81470	20.000	ng	# 0.00
39) Acenaphthene-d10	15.017	164	54524	20.000	ng	0.00
64) Phenanthrene-d10	17.754	188	120356	20.000	ng	0.00
76) Chrysene-d12	22.072	240	101605	20.000	ng	# 0.00
86) Perylene-d12	25.602	264	111090	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.917	112	183606	147.405	ng	0.00
7) Phenol-d6	7.539	99	260386	139.772	ng	0.00
23) Nitrobenzene-d5	9.583	82	167558	84.155	ng	0.00
42) 2,4,6-Tribromophenol	16.497	330	114966	131.987	ng	0.00
45) 2-Fluorobiphenyl	13.642	172	311918	77.574	ng	0.00
79) Terphenyl-d14	20.321	244	457067	76.121	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.583	70	22845	17.144	ng	# 78
51) 2,6-Dinitrotoluene	15.017	165	7196	7.753	ng	# 18
57) 2,4-Dinitrotoluene	15.017	165	7196	5.497	ng	# 18
63) Azobenzene	16.350	77	25035	5.833	ng	# 3
67) 4-Bromophenyl-phenylether	16.497	248	7028	4.719	ng	# 1
77) Benzidine	20.321	184	6925	2.494	ng	# 93

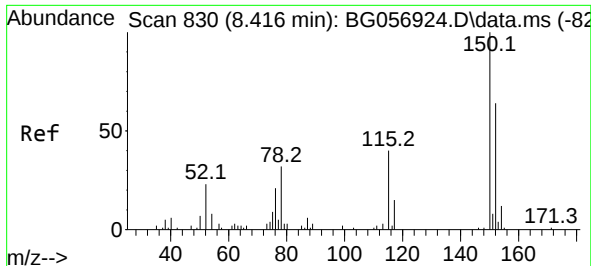
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041423\
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Sample : 02347-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
20230332-COMP-10

Quant Time: Apr 14 18:38:00 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

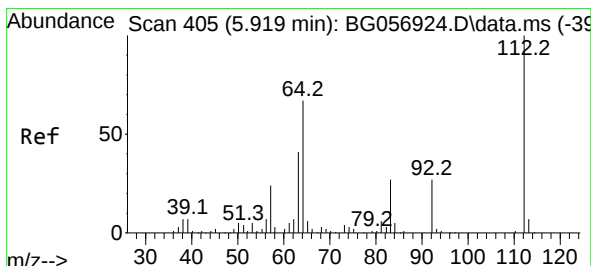
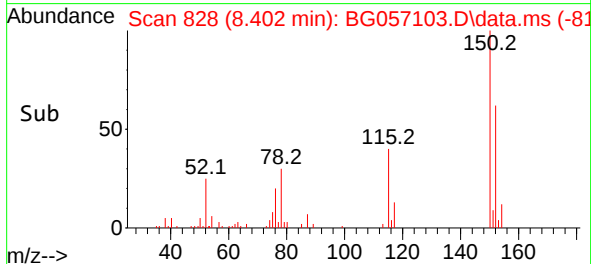
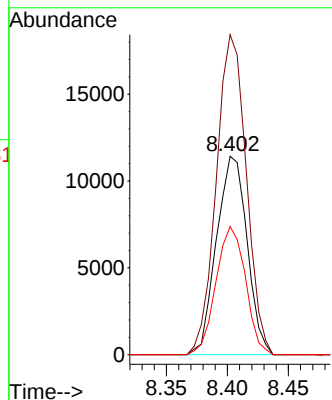
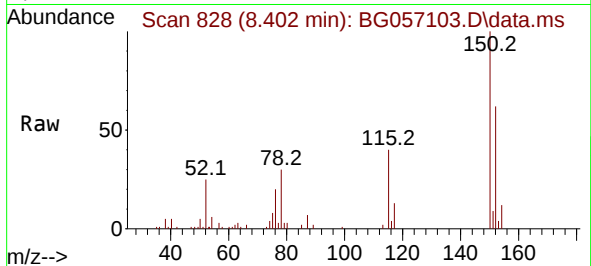




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.402 min Scan# 81
Delta R.T. -0.009 min
Lab File: BG057103.D
Acq: 14 Apr 2023 17:05

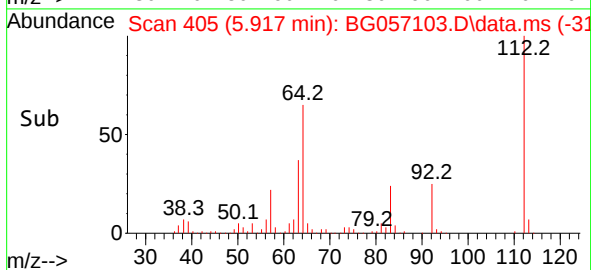
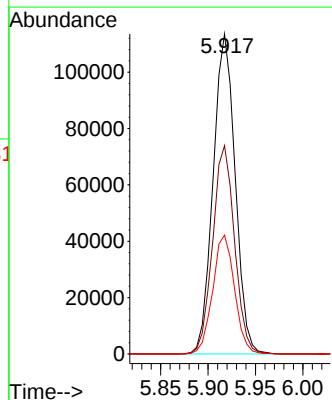
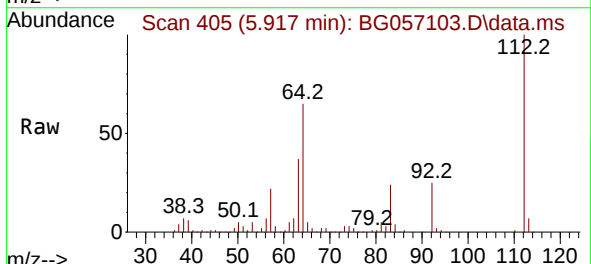
Instrument :
BNA_G
ClientSampleId :
20230332-COMP-10

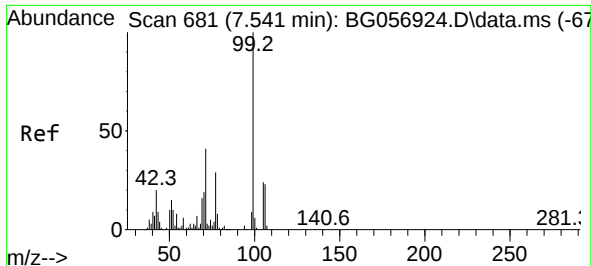
Tgt Ion:152 Resp: 19935
Ion Ratio Lower Upper
152 100
150 161.2 124.1 186.1
115 64.6 49.1 73.7



#5
2-Fluorophenol
Concen: 147.405 ng
RT: 5.917 min Scan# 405
Delta R.T. 0.003 min
Lab File: BG057103.D
Acq: 14 Apr 2023 17:05

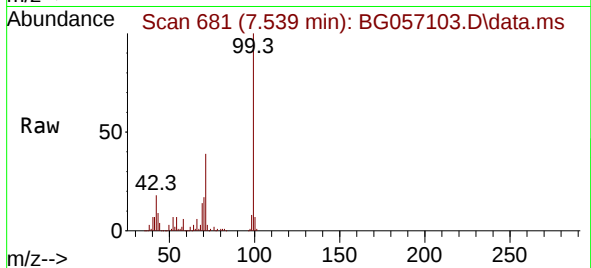
Tgt Ion:112 Resp: 183606
Ion Ratio Lower Upper
112 100
64 65.1 53.2 79.8
63 37.2 32.6 48.8



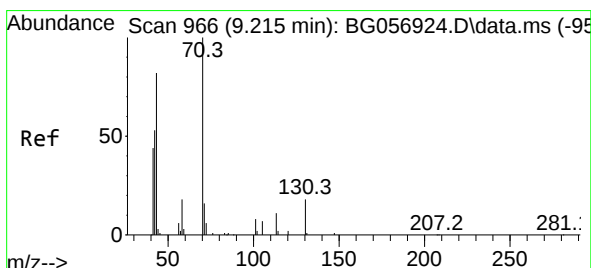
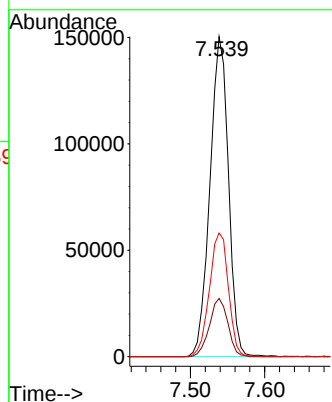
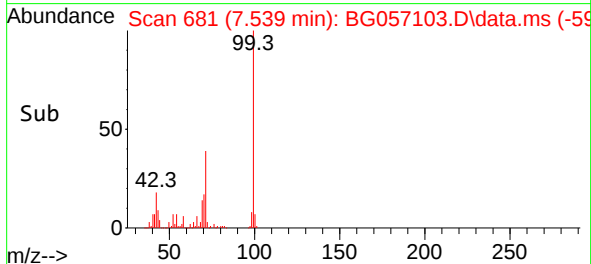


#7
Phenol-d6
Concen: 139.772 ng
RT: 7.539 min Scan# 61
Delta R.T. 0.003 min
Lab File: BG057103.D
Acq: 14 Apr 2023 17:05

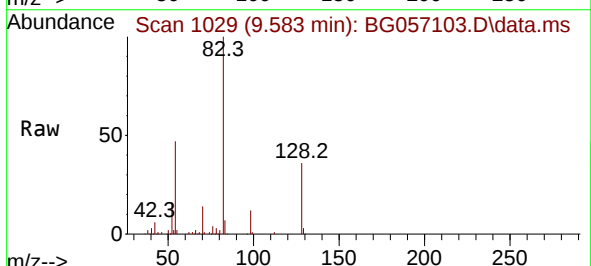
Instrument :
BNA_G
ClientSampleId :
20230332-COMP-10



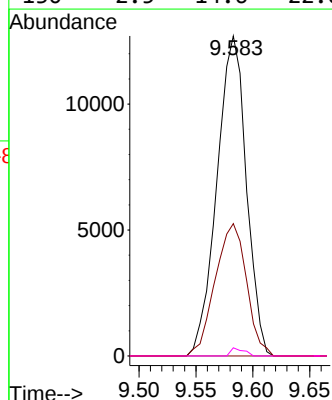
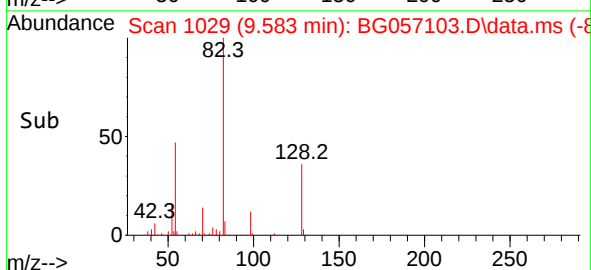
Tgt Ion: 99 Resp: 260386
Ion Ratio Lower Upper
99 100
42 18.2 15.7 23.5
71 38.7 32.5 48.7

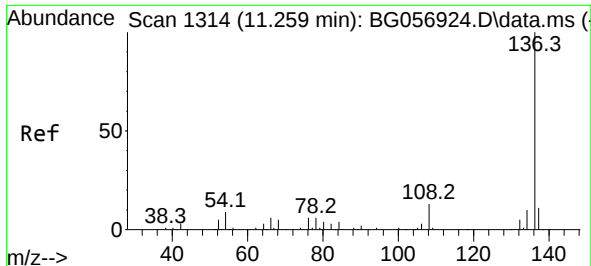


#19
n-Nitroso-di-n-propylamine
Concen: 17.144 ng
RT: 9.583 min Scan# 1029
Delta R.T. 0.373 min
Lab File: BG057103.D
Acq: 14 Apr 2023 17:05



Tgt Ion: 70 Resp: 22845
Ion Ratio Lower Upper
70 100
42 41.4 43.4 65.0#
101 0.0 6.2 9.2#
130 2.5 14.6 22.0#

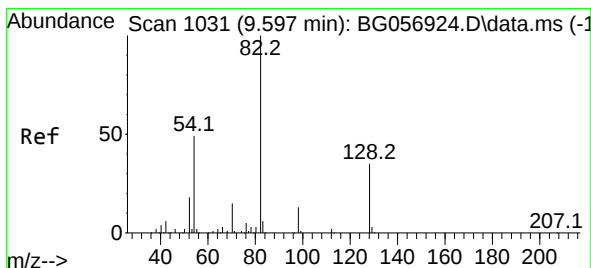
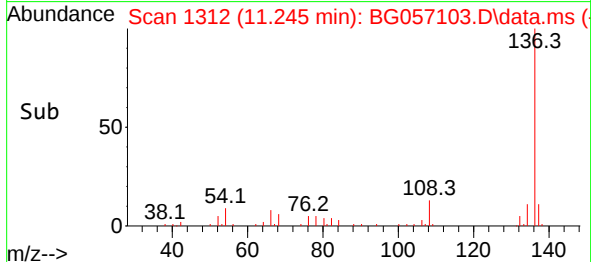
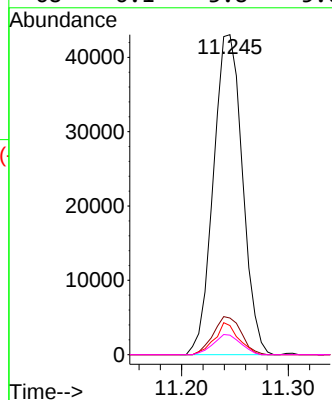
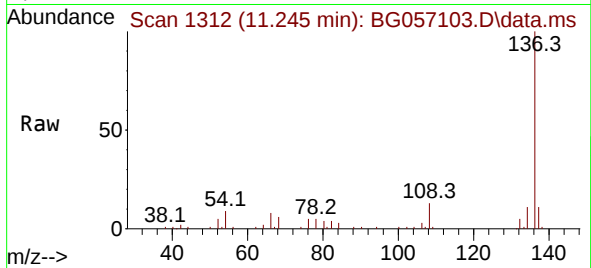




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.245 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG057103.D
Acq: 14 Apr 2023 17:05

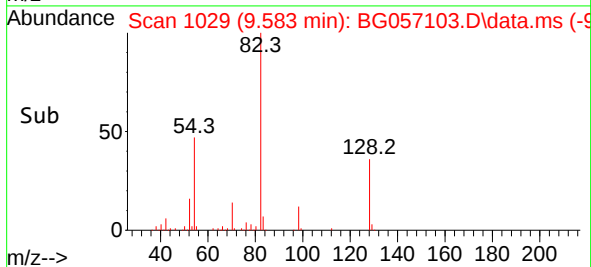
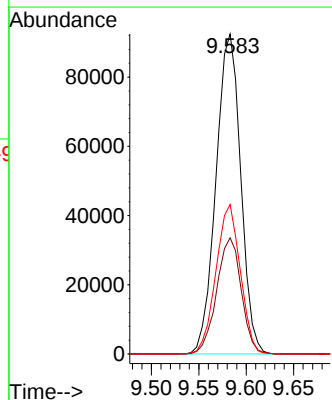
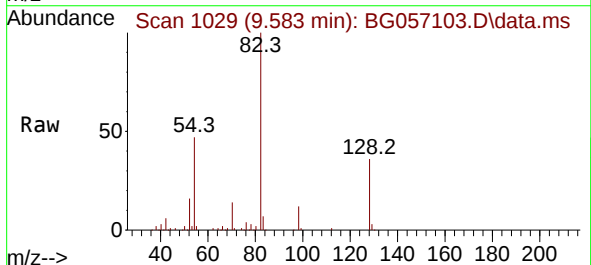
Instrument :
BNA_G
ClientSampleId :
20230332-COMP-10

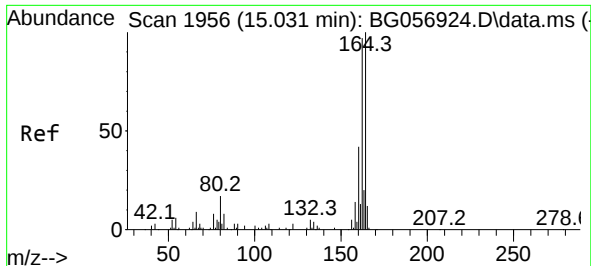
Tgt Ion:	136	Resp:	81470
Ion Ratio	Lower	Upper	
136	100		
137	11.5	8.6	13.0
54	9.1	6.9	10.3
68	6.1	3.8	5.6



#23
Nitrobenzene-d5
Concen: 84.155 ng
RT: 9.583 min Scan# 1029
Delta R.T. -0.003 min
Lab File: BG057103.D
Acq: 14 Apr 2023 17:05

Tgt Ion:	82	Resp:	167558
Ion Ratio	Lower	Upper	
82	100		
128	36.3	27.9	41.9
54	46.7	39.4	59.2

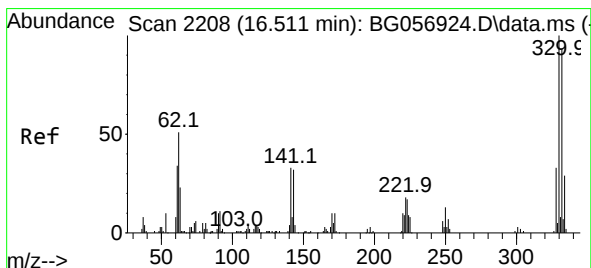
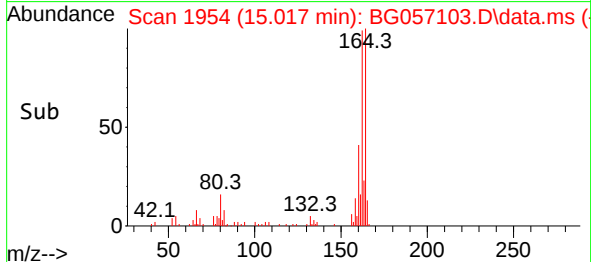
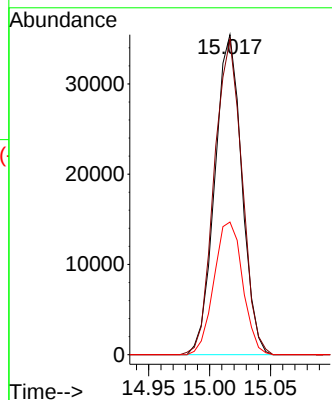
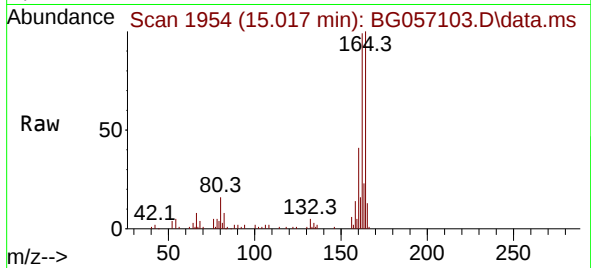




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.017 min Scan# 1954
Delta R.T. -0.003 min
Lab File: BG057103.D
Acq: 14 Apr 2023 17:05

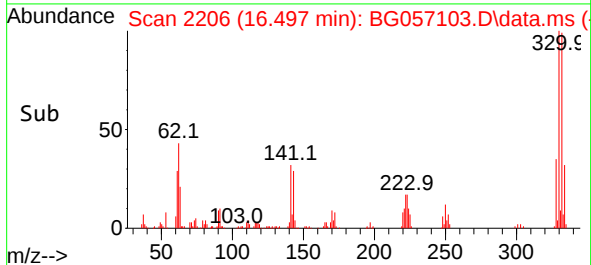
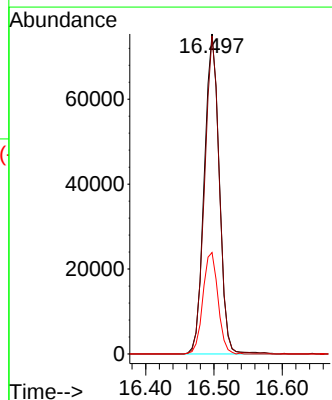
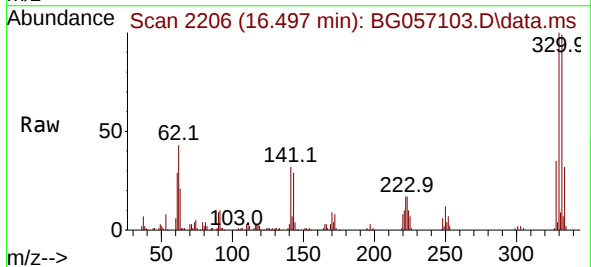
Instrument :
BNA_G
ClientSampleId :
20230332-COMP-10

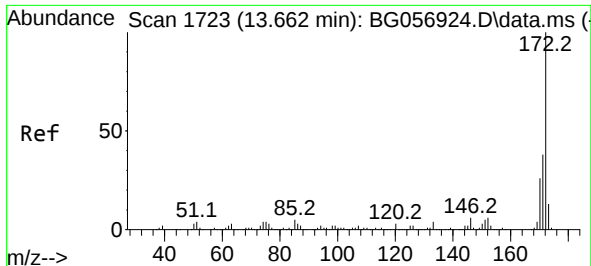
Tgt Ion:164 Resp: 54524
Ion Ratio Lower Upper
164 100
162 98.5 77.8 116.8
160 41.4 33.5 50.3



#42
2,4,6-Tribromophenol
Concen: 131.987 ng
RT: 16.497 min Scan# 2206
Delta R.T. -0.003 min
Lab File: BG057103.D
Acq: 14 Apr 2023 17:05

Tgt Ion:330 Resp: 114966
Ion Ratio Lower Upper
330 100
332 97.4 76.1 114.1
141 31.9 25.8 38.6

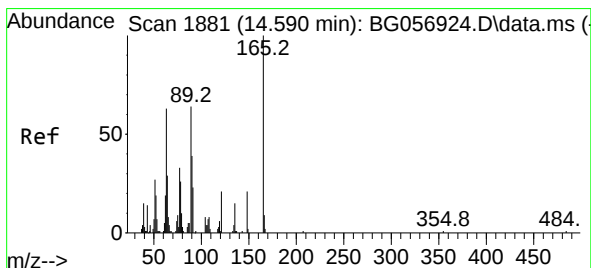
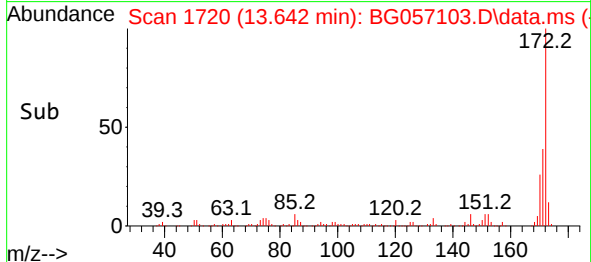
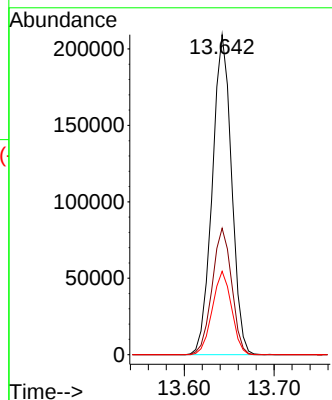
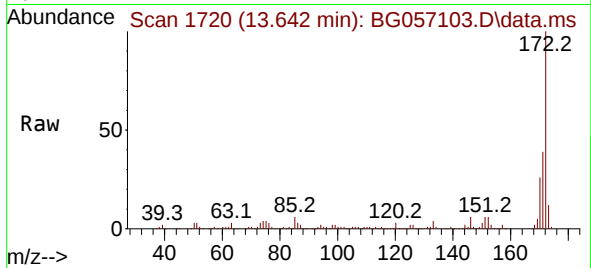




#45
2-Fluorobiphenyl
Concen: 77.574 ng
RT: 13.642 min Scan# 1720
Delta R.T. -0.003 min
Lab File: BG057103.D
Acq: 14 Apr 2023 17:05

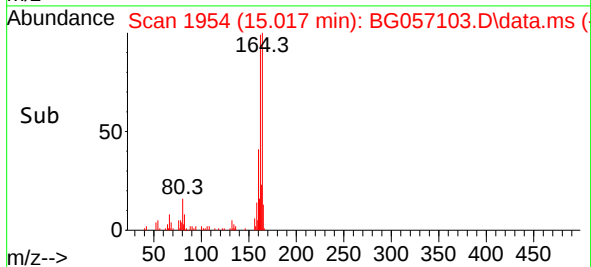
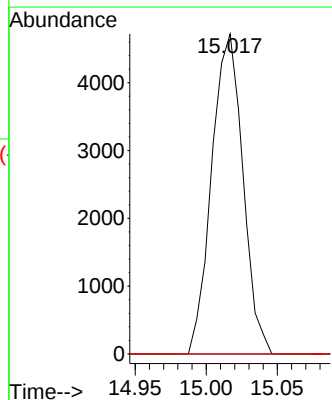
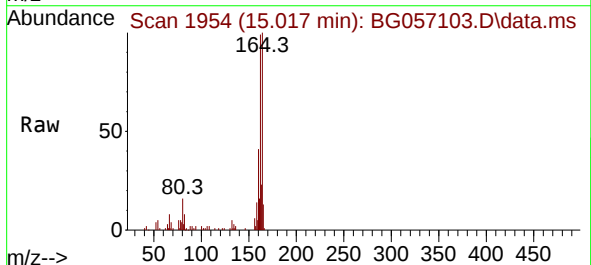
Instrument :
BNA_G
ClientSampleId :
20230332-COMP-10

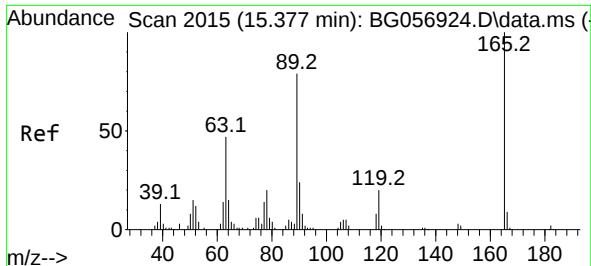
Tgt Ion:172 Resp: 311918
Ion Ratio Lower Upper
172 100
171 39.5 30.6 46.0
170 26.1 20.6 30.8



#51
2,6-Dinitrotoluene
Concen: 7.753 ng
RT: 15.017 min Scan# 1954
Delta R.T. 0.432 min
Lab File: BG057103.D
Acq: 14 Apr 2023 17:05

Tgt Ion:165 Resp: 7196
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: 5.497 ng

RT: 15.017 min Scan# 1954

Delta R.T. -0.350 min

Lab File: BG057103.D

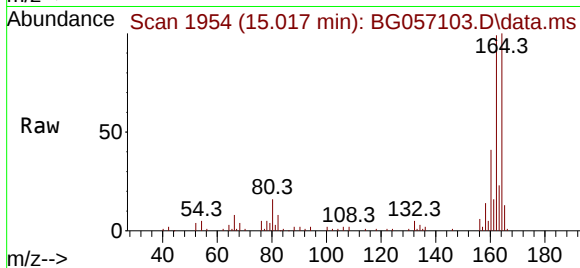
Acq: 14 Apr 2023 17:05

Instrument :

BNA_G

ClientSampleId :

20230332-COMP-10



Tgt Ion:165 Resp: 7196

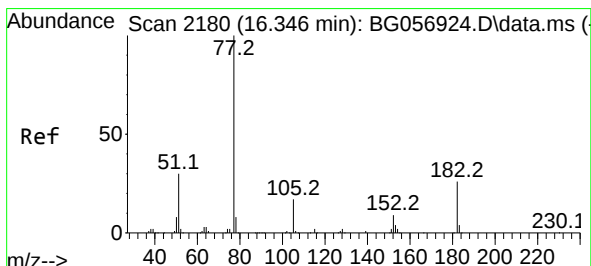
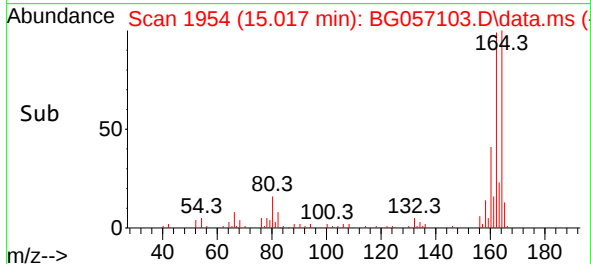
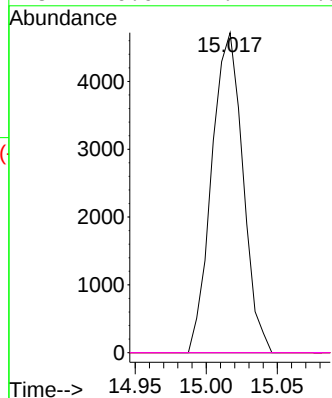
Ion Ratio Lower Upper

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: 5.833 ng

RT: 16.350 min Scan# 2181

Delta R.T. 0.014 min

Lab File: BG057103.D

Acq: 14 Apr 2023 17:05

Tgt Ion: 77 Resp: 25035

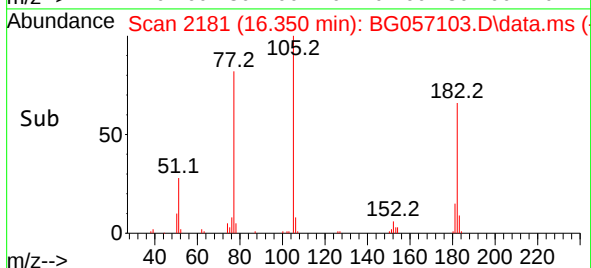
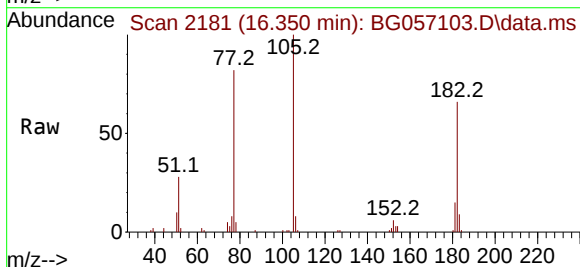
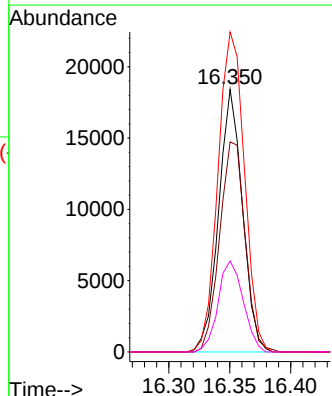
Ion Ratio Lower Upper

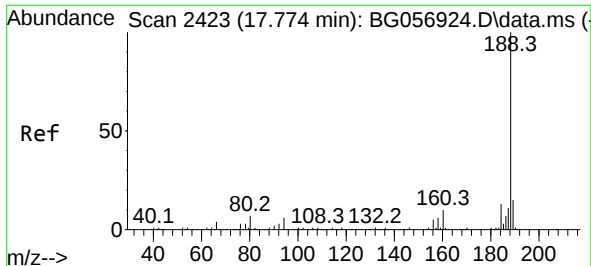
77 100

182 80.0 5.9 45.9#

105 121.9 0.0 36.8#

51 34.6 10.3 50.3

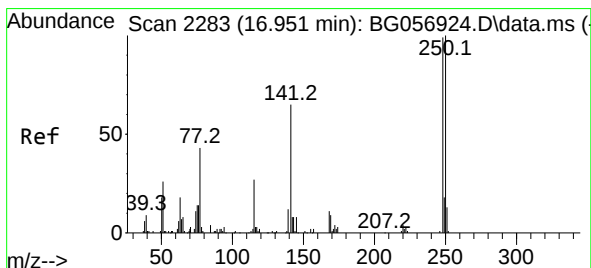
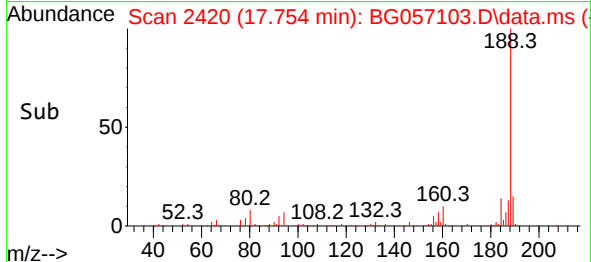
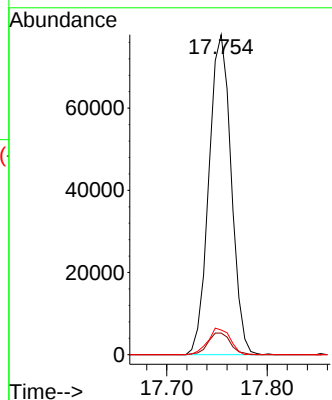
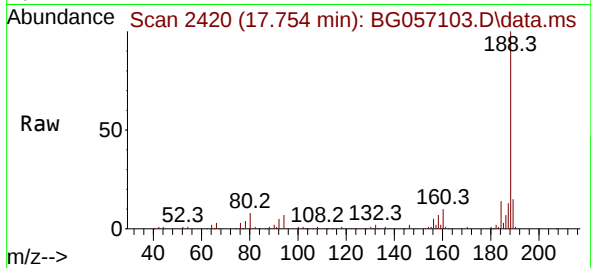




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.754 min Scan# 24
Delta R.T. -0.009 min
Lab File: BG057103.D
Acq: 14 Apr 2023 17:05

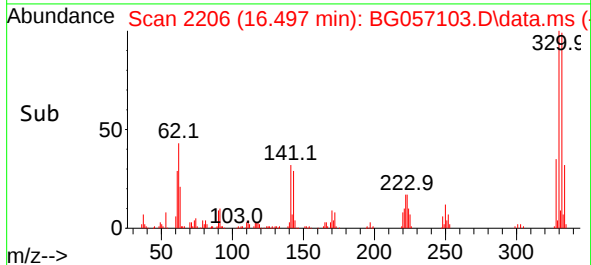
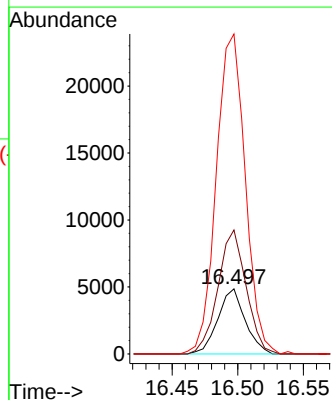
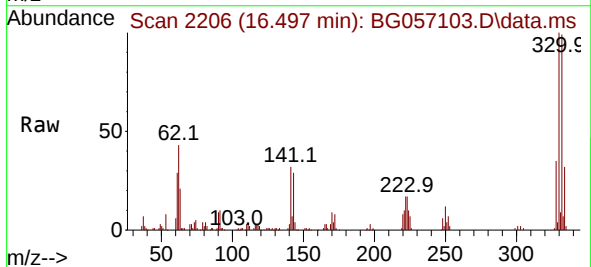
Instrument :
BNA_G
ClientSampleId :
20230332-COMP-10

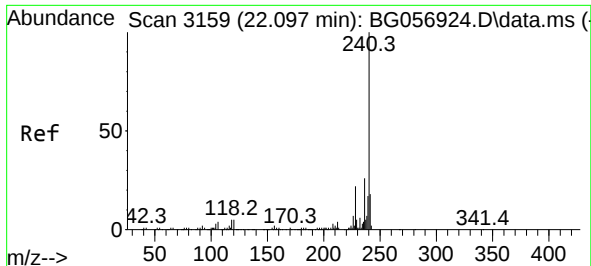
Tgt Ion:188 Resp: 120356
Ion Ratio Lower Upper
188 100
94 6.8 4.6 6.8
80 7.7 5.5 8.3



#67
4-Bromophenyl-phenylether
Concen: 4.719 ng
RT: 16.497 min Scan# 2206
Delta R.T. -0.438 min
Lab File: BG057103.D
Acq: 14 Apr 2023 17:05

Tgt Ion:248 Resp: 7028
Ion Ratio Lower Upper
248 100
250 190.7 80.5 120.7#
141 491.9 52.0 78.0#

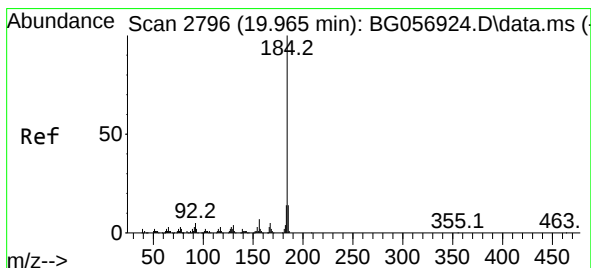
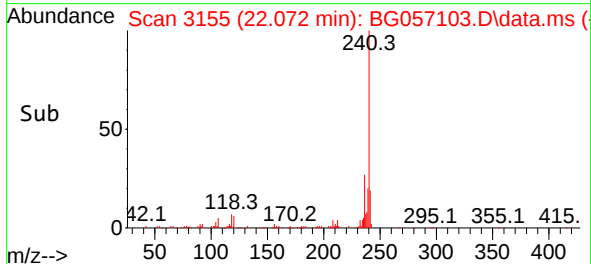
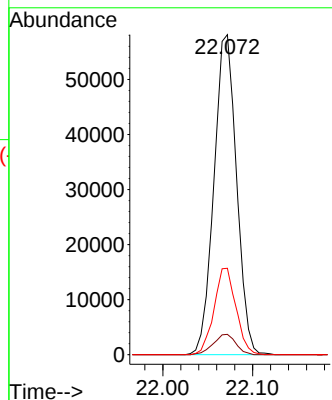
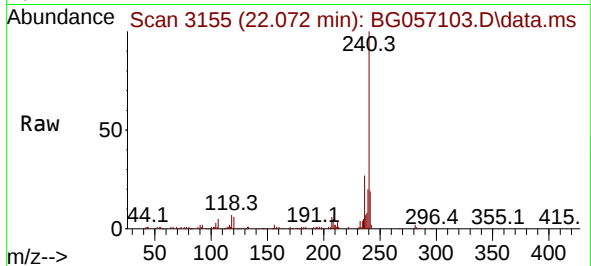




#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.072 min Scan# 31
Delta R.T. -0.009 min
Lab File: BG057103.D
Acq: 14 Apr 2023 17:05

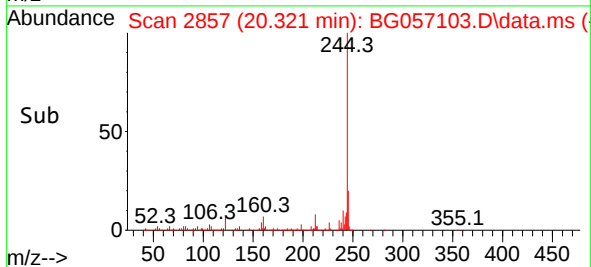
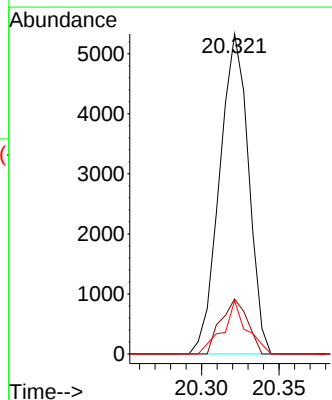
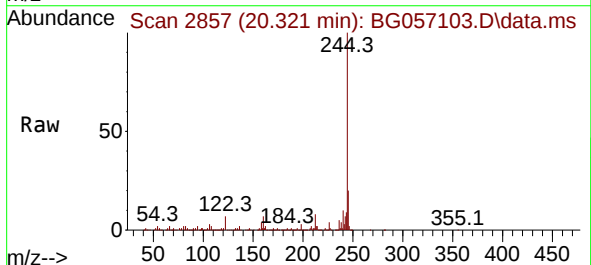
Instrument :
BNA_G
ClientSampleId :
20230332-COMP-10

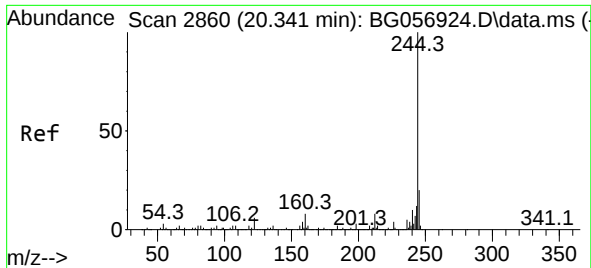
Tgt Ion:240 Resp: 101605
Ion Ratio Lower Upper
240 100
120 6.3 3.8 5.6#
236 27.0 21.0 31.6



#77
Benzidine
Concen: 2.494 ng
RT: 20.321 min Scan# 2857
Delta R.T. 0.367 min
Lab File: BG057103.D
Acq: 14 Apr 2023 17:05

Tgt Ion:184 Resp: 6925
Ion Ratio Lower Upper
184 100
185 17.2 11.0 16.4#
183 16.7 11.4 17.0

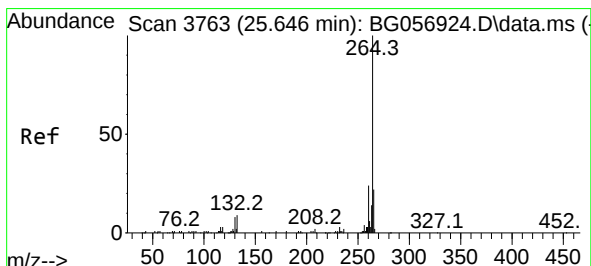
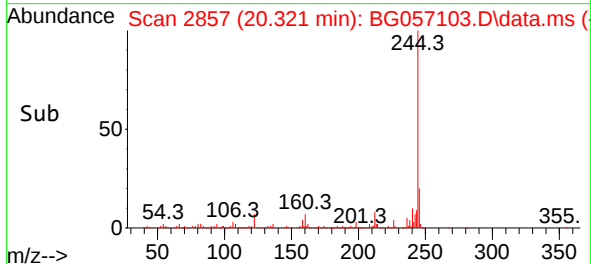
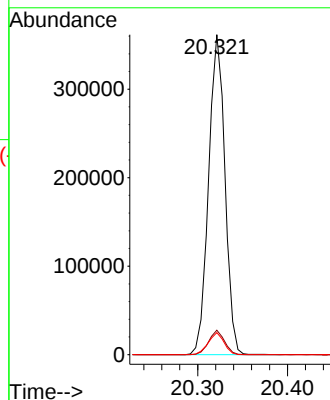
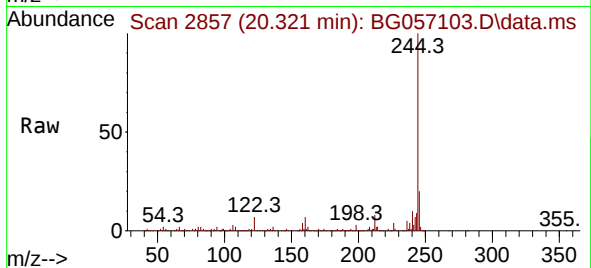




#79
 Terphenyl-d14
 Concen: 76.121 ng
 RT: 20.321 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: BG057103.D
 Acq: 14 Apr 2023 17:05

Instrument :
 BNA_G
 ClientSampleId :
 20230332-COMP-10

Tgt Ion:244 Resp: 457067
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.1 9.1
 122 6.9 5.0 7.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.602 min Scan# 3756
 Delta R.T. -0.009 min
 Lab File: BG057103.D
 Acq: 14 Apr 2023 17:05

Tgt Ion:264 Resp: 111090
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.0 28.4
 265 20.6 17.8 26.6

