

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041223\
 Data File : BG057076.D
 Acq On : 12 Apr 2023 23:44
 Operator : CG/JU
 Sample : 02283-06
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 20230334-COMP-12

Quant Time: Apr 13 05:28:09 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)

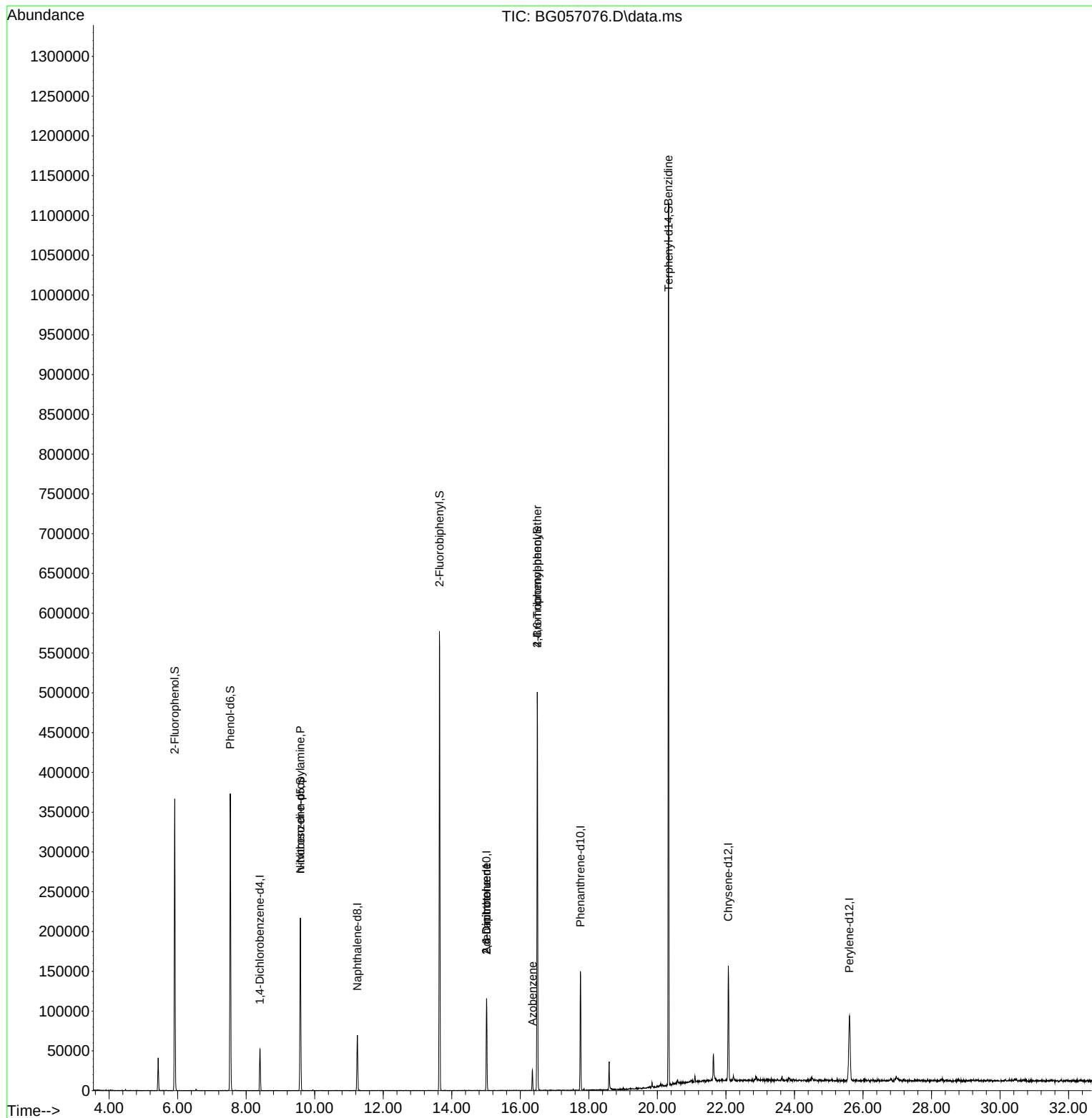
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.401	152	14994	20.000	ng	0.00
21) Naphthalene-d8	11.244	136	58868	20.000	ng	# 0.00
39) Acenaphthene-d10	15.016	164	41654	20.000	ng	0.00
64) Phenanthrene-d10	17.753	188	98805	20.000	ng	0.00
76) Chrysene-d12	22.071	240	90281	20.000	ng	# 0.00
86) Perylene-d12	25.602	264	100099	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.916	112	153095	163.412	ng	0.00
7) Phenol-d6	7.538	99	212625	151.745	ng	0.00
23) Nitrobenzene-d5	9.582	82	136428	94.828	ng	0.00
42) 2,4,6-Tribromophenol	16.496	330	104395	156.882	ng	0.00
45) 2-Fluorobiphenyl	13.641	172	296487	96.519	ng	0.00
79) Terphenyl-d14	20.326	244	543769	101.920	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.582	70	18954	18.912	ng	# 73
51) 2,6-Dinitrotoluene	15.016	165	5261	7.419	ng	# 18
57) 2,4-Dinitrotoluene	15.016	165	5261	5.260	ng	# 18
63) Azobenzene	16.355	77	7968	2.430	ng	# 1
67) 4-Bromophenyl-phenylether	16.496	248	6222	5.089	ng	# 1
77) Benzydine	20.320	184	9075	3.678	ng	# 86

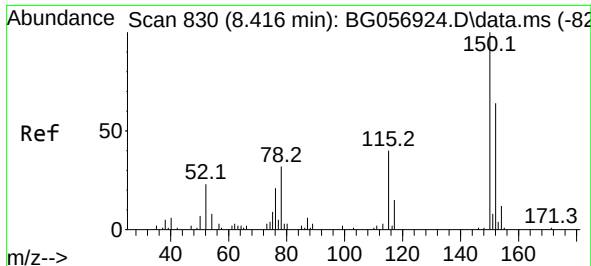
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041223\
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 13 05:15:23 2023
Response via : Initial Calibration

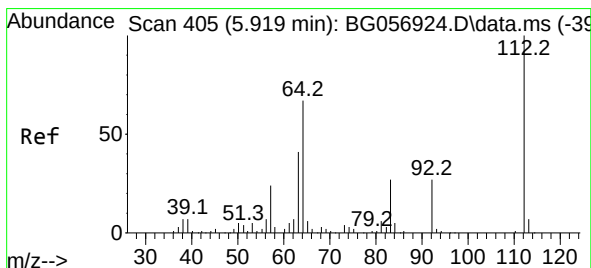
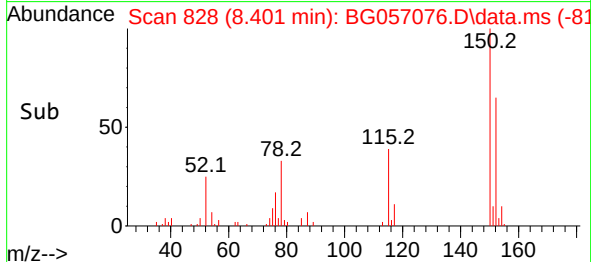
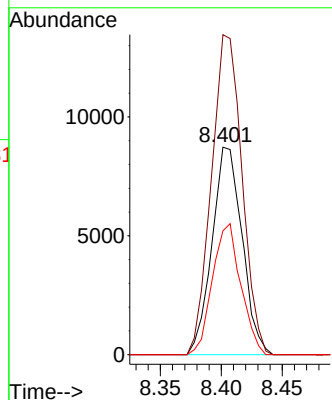
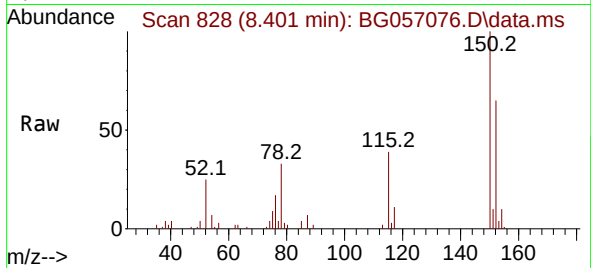




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.401 min Scan# 81
Delta R.T. -0.010 min
Lab File: BG057076.D
Acq: 12 Apr 2023 23:44

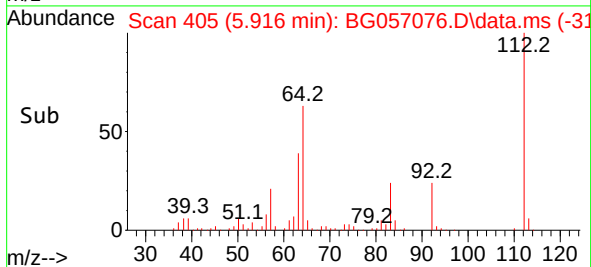
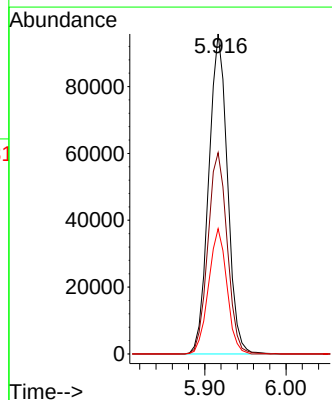
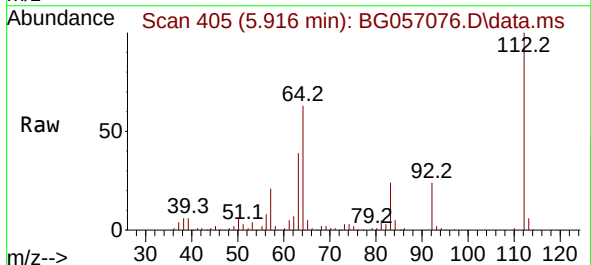
Instrument :
BNA_G
ClientSampleId :
20230334-COMP-12

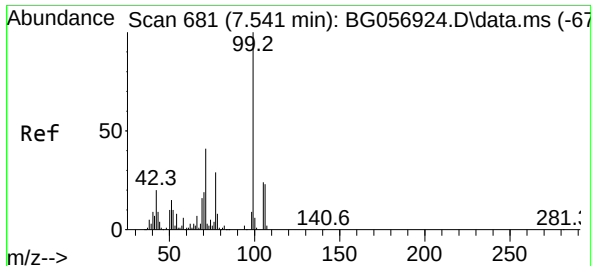
Tgt Ion:152 Resp: 14994
Ion Ratio Lower Upper
152 100
150 154.2 124.1 186.1
115 59.6 49.1 73.7



#5
2-Fluorophenol
Concen: 163.412 ng
RT: 5.916 min Scan# 405
Delta R.T. 0.002 min
Lab File: BG057076.D
Acq: 12 Apr 2023 23:44

Tgt Ion:112 Resp: 153095
Ion Ratio Lower Upper
112 100
64 62.9 53.2 79.8
63 39.2 32.6 48.8

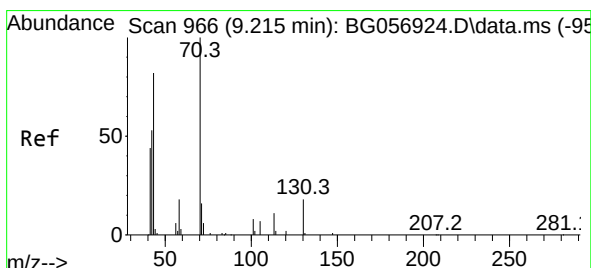
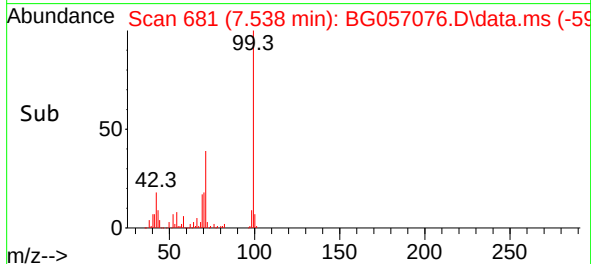
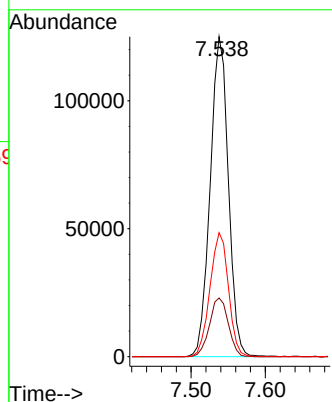
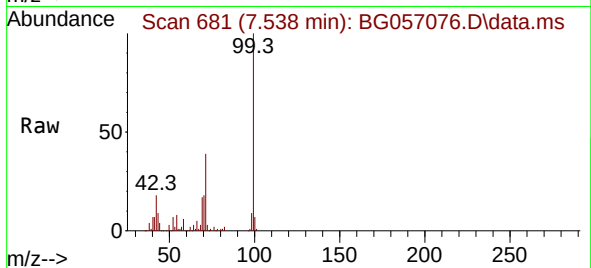




#7
Phenol-d6
Concen: 151.745 ng
RT: 7.538 min Scan# 61
Delta R.T. 0.002 min
Lab File: BG057076.D
Acq: 12 Apr 2023 23:44

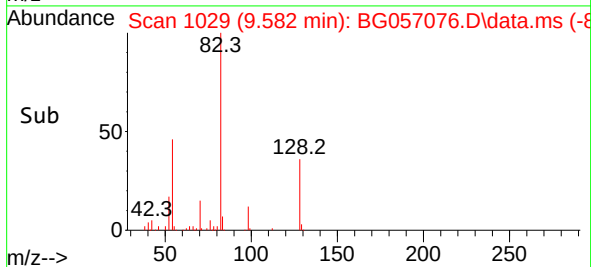
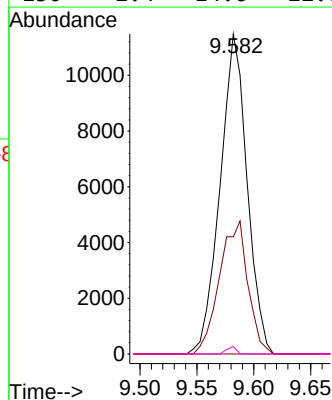
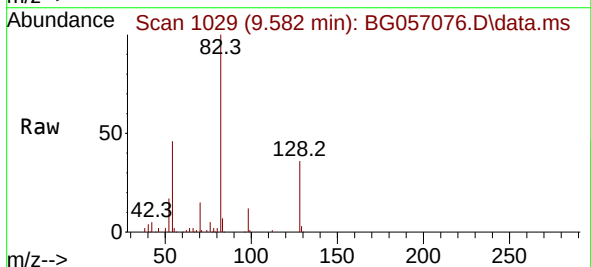
Instrument :
BNA_G
ClientSampleId :
20230334-COMP-12

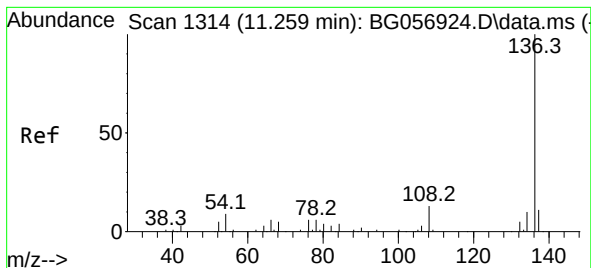
Tgt Ion: 99 Resp: 212625
Ion Ratio Lower Upper
99 100
42 18.3 15.7 23.5
71 38.7 32.5 48.7



#19
n-Nitroso-di-n-propylamine
Concen: 18.912 ng
RT: 9.582 min Scan# 1029
Delta R.T. 0.372 min
Lab File: BG057076.D
Acq: 12 Apr 2023 23:44

Tgt Ion: 70 Resp: 18954
Ion Ratio Lower Upper
70 100
42 36.6 43.4 65.0#
101 0.0 6.2 9.2#
130 2.4 14.6 22.0#

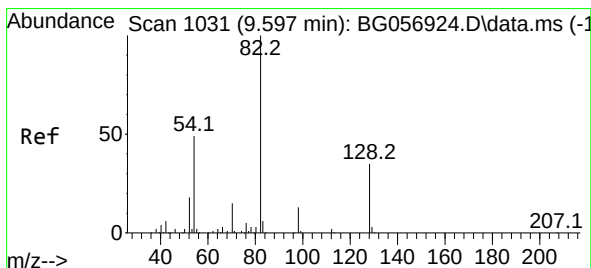
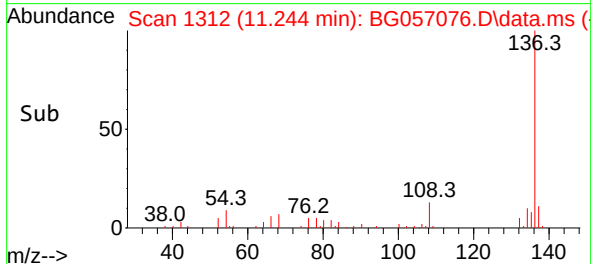
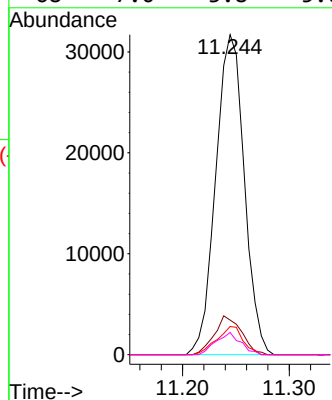
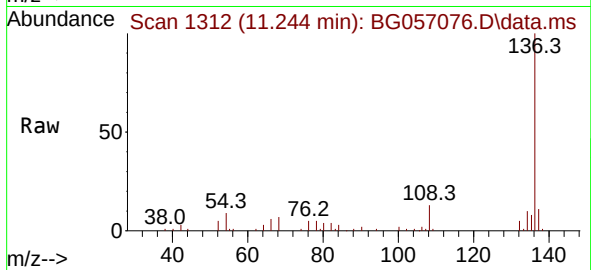




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.244 min Scan# 11
Delta R.T. -0.004 min
Lab File: BG057076.D
Acq: 12 Apr 2023 23:44

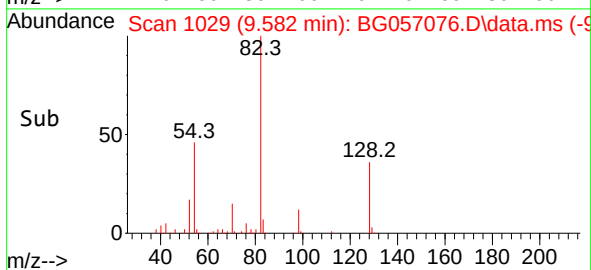
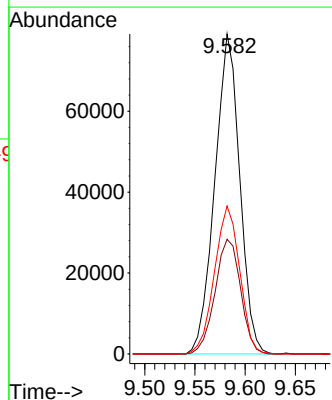
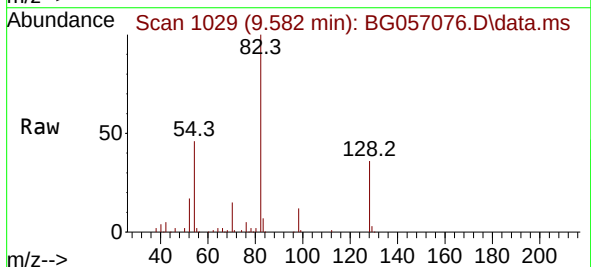
Instrument :
BNA_G
ClientSampleId :
20230334-COMP-12

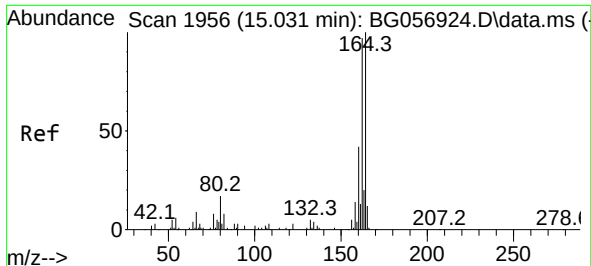
Tgt Ion:	136	Resp:	58868
Ion Ratio	Lower	Upper	
136	100		
137	10.8	8.6	13.0
54	8.8	6.9	10.3
68	7.0	3.8	5.6



#23
Nitrobenzene-d5
Concen: 94.828 ng
RT: 9.582 min Scan# 1029
Delta R.T. -0.004 min
Lab File: BG057076.D
Acq: 12 Apr 2023 23:44

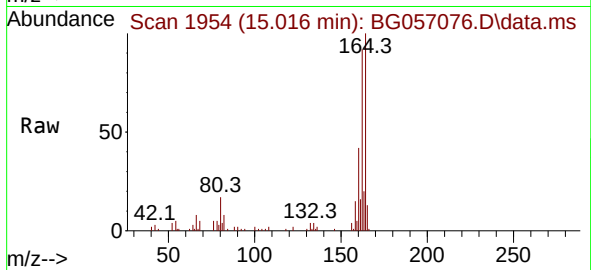
Tgt Ion:	82	Resp:	136428
Ion Ratio	Lower	Upper	
82	100		
128	35.8	27.9	41.9
54	46.3	39.4	59.2



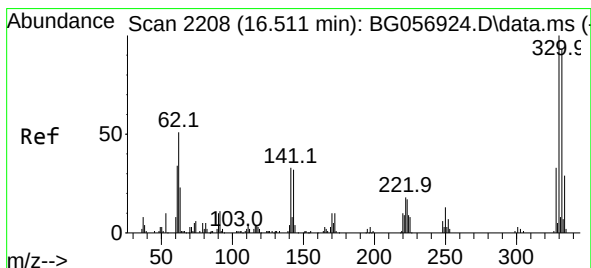
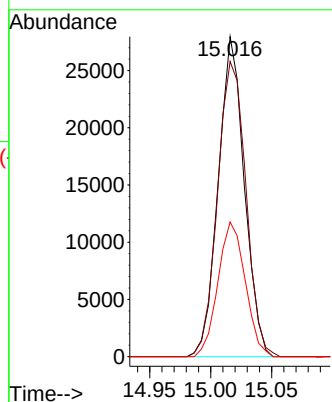
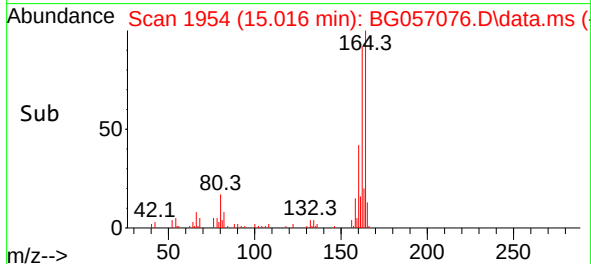


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.016 min Scan# 1954
Delta R.T. -0.004 min
Lab File: BG057076.D
Acq: 12 Apr 2023 23:44

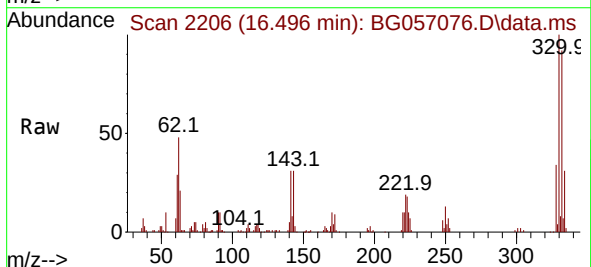
Instrument :
BNA_G
ClientSampleId :
20230334-COMP-12



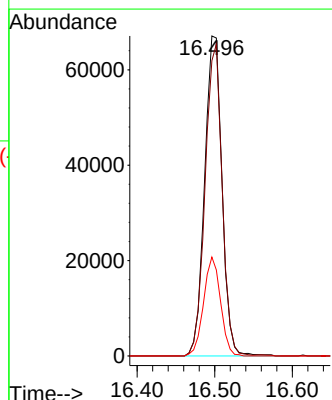
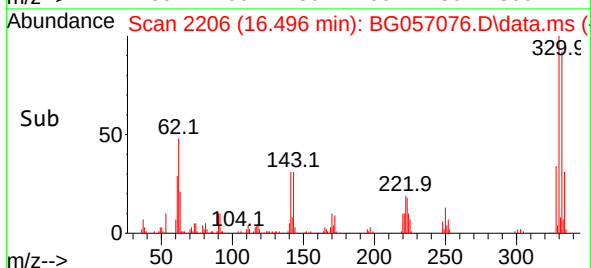
Tgt Ion:164 Resp: 41654
Ion Ratio Lower Upper
164 100
162 92.2 77.8 116.8
160 42.1 33.5 50.3

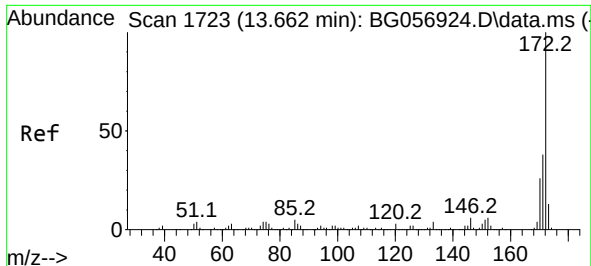


#42
2,4,6-Tribromophenol
Concen: 156.882 ng
RT: 16.496 min Scan# 2206
Delta R.T. -0.004 min
Lab File: BG057076.D
Acq: 12 Apr 2023 23:44



Tgt Ion:330 Resp: 104395
Ion Ratio Lower Upper
330 100
332 95.3 76.1 114.1
141 30.1 25.8 38.6

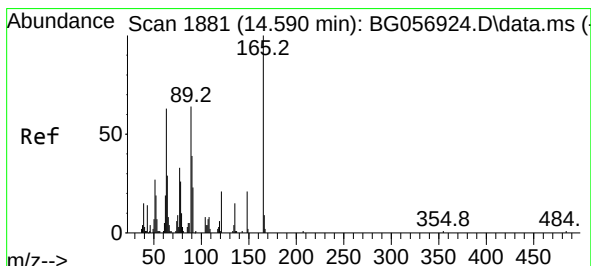
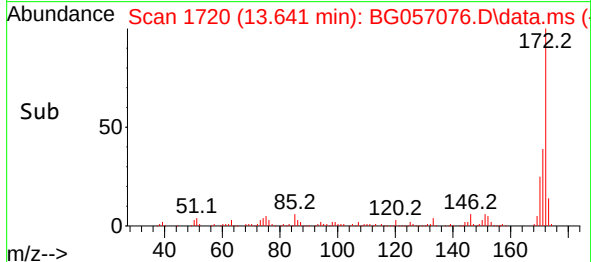
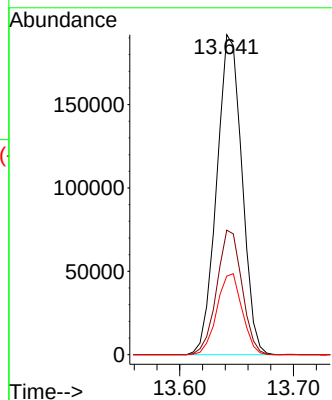
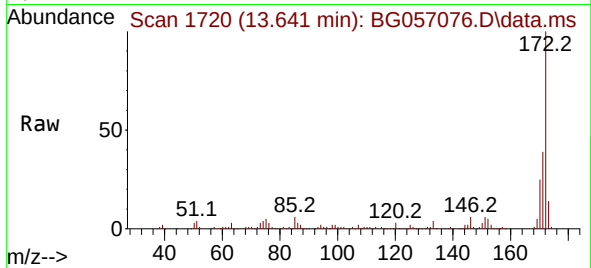




#45
2-Fluorobiphenyl
Concen: 96.519 ng
RT: 13.641 min Scan# 1720
Delta R.T. -0.004 min
Lab File: BG057076.D
Acq: 12 Apr 2023 23:44

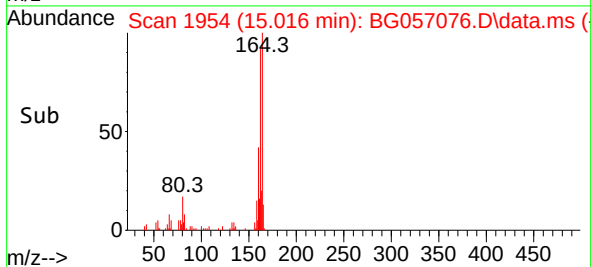
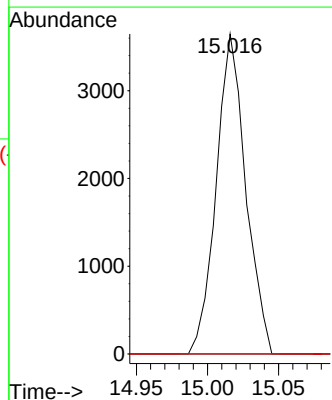
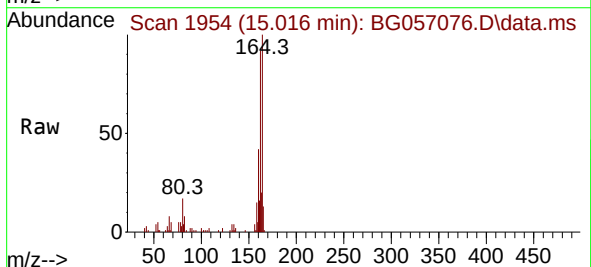
Instrument :
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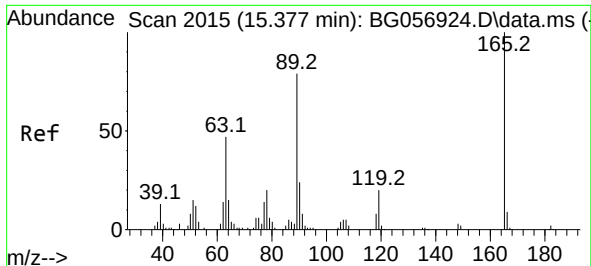
Tgt Ion:172 Resp: 296487
Ion Ratio Lower Upper
172 100
171 38.9 30.6 46.0
170 24.6 20.6 30.8



#51
2,6-Dinitrotoluene
Concen: 7.419 ng
RT: 15.016 min Scan# 1954
Delta R.T. 0.431 min
Lab File: BG057076.D
Acq: 12 Apr 2023 23:44

Tgt Ion:165 Resp: 5261
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: 5.260 ng

RT: 15.016 min Scan# 1954

Delta R.T. -0.351 min

Lab File: BG057076.D

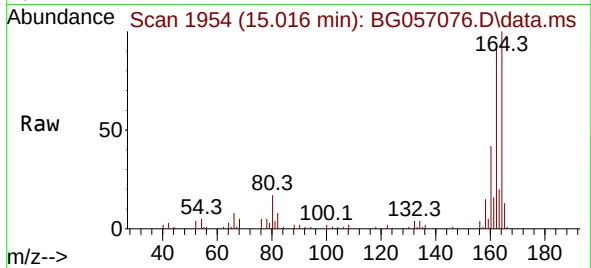
Acq: 12 Apr 2023 23:44

Instrument :

BNA_G

ClientSampleId :

20230334-COMP-12



Tgt Ion:165 Resp: 5261

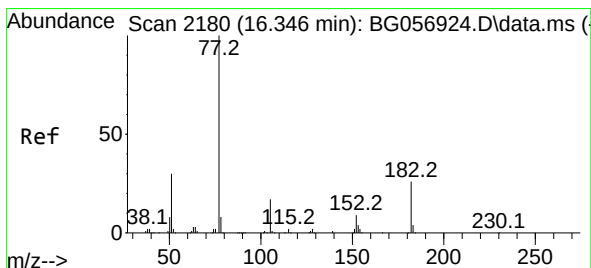
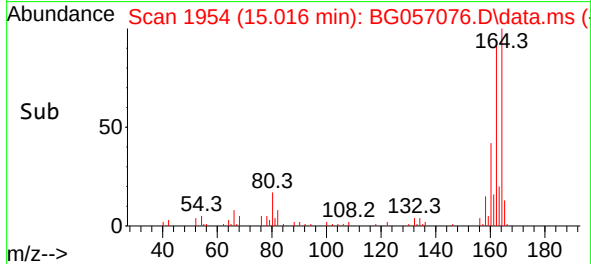
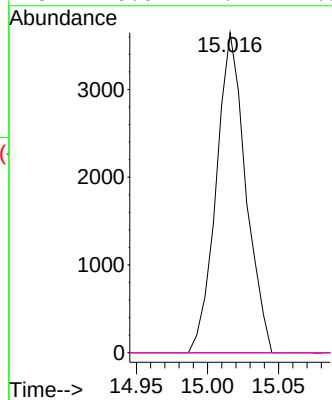
Ion Ratio Lower Upper

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: 2.430 ng

RT: 16.355 min Scan# 2182

Delta R.T. 0.019 min

Lab File: BG057076.D

Acq: 12 Apr 2023 23:44

Tgt Ion: 77 Resp: 7968

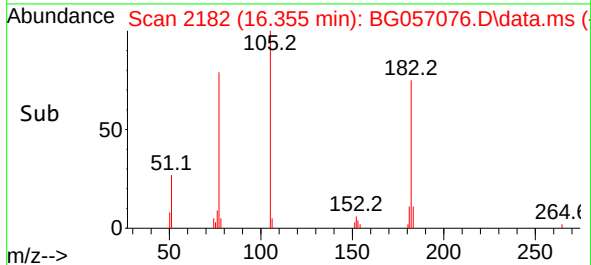
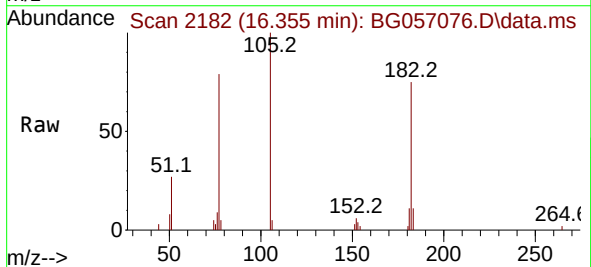
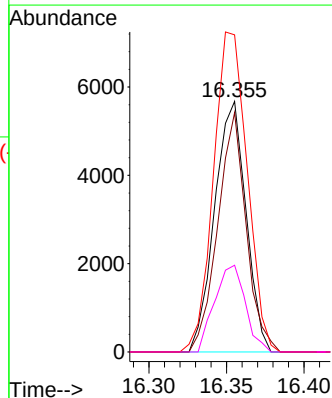
Ion Ratio Lower Upper

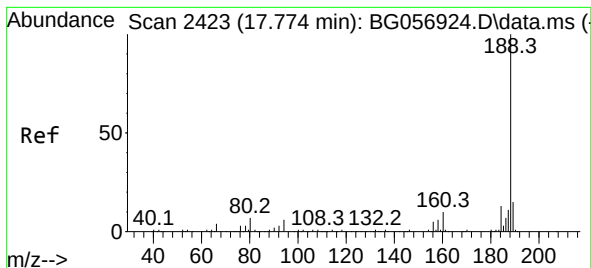
77 100

182 95.6 5.9 45.9#

105 126.6 0.0 36.8#

51 34.6 10.3 50.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.753 min Scan# 24

Delta R.T. -0.010 min

Lab File: BG057076.D

Acq: 12 Apr 2023 23:44

Instrument :

BNA_G

ClientSampleId :

20230334-COMP-12

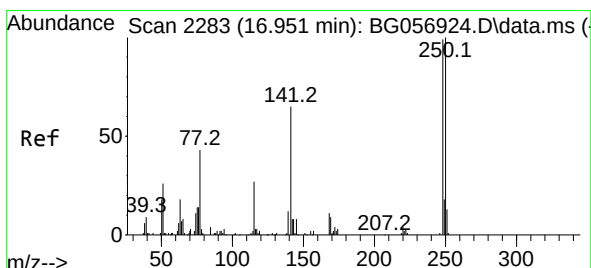
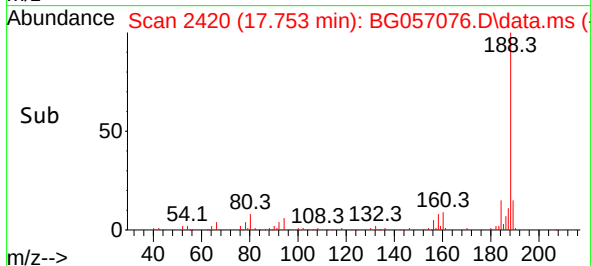
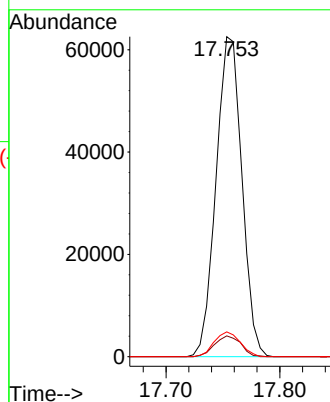
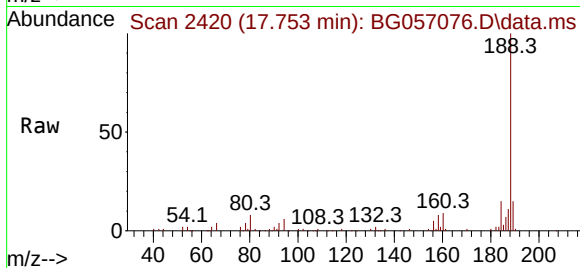
Tgt Ion:188 Resp: 98805

Ion Ratio Lower Upper

188 100

94 6.5 4.6 6.8

80 7.8 5.5 8.3



#67

4-Bromophenyl-phenylether

Concen: 5.089 ng

RT: 16.496 min Scan# 2206

Delta R.T. -0.439 min

Lab File: BG057076.D

Acq: 12 Apr 2023 23:44

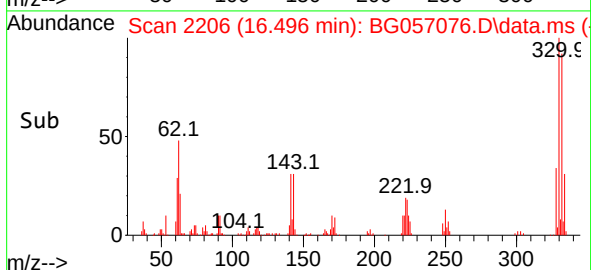
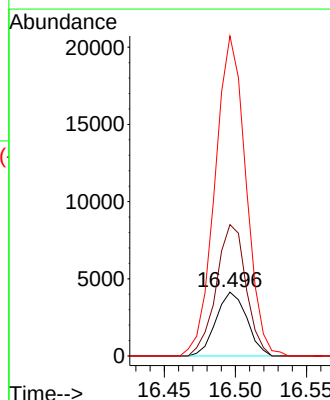
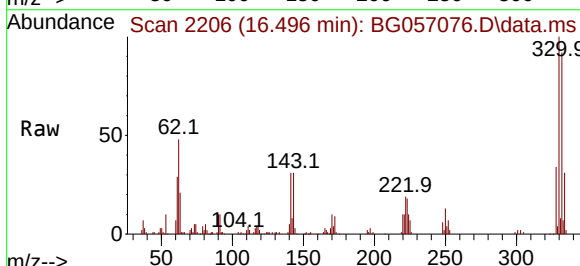
Tgt Ion:248 Resp: 6222

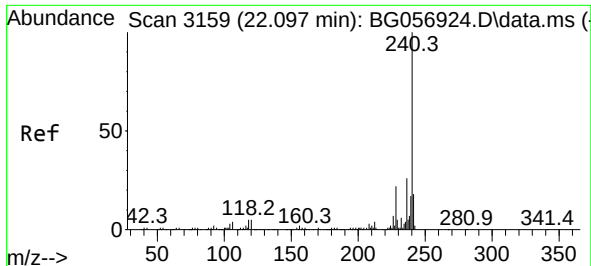
Ion Ratio Lower Upper

248 100

250 205.7 80.5 120.7#

141 501.4 52.0 78.0#

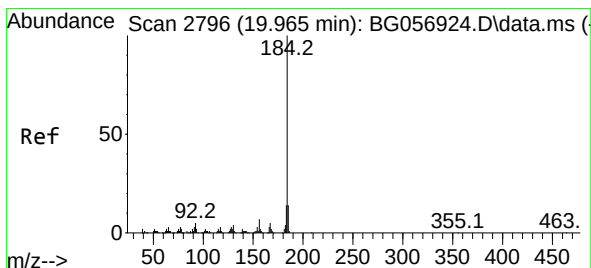
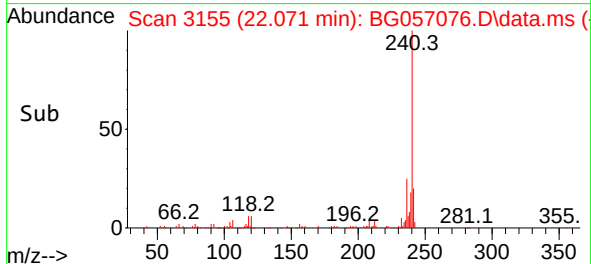
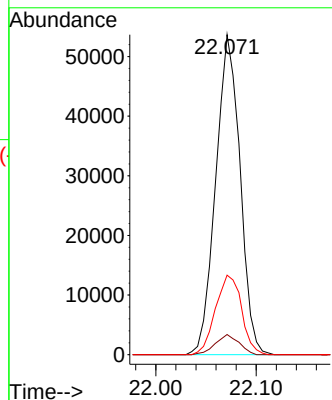
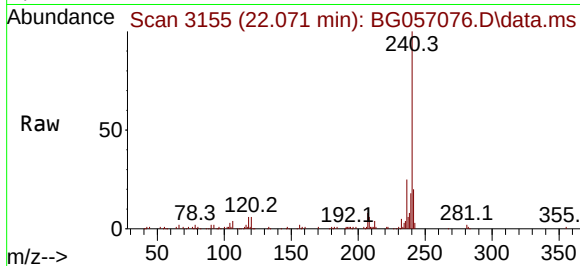




#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.071 min Scan# 3159
Delta R.T. -0.010 min
Lab File: BG057076.D
Acq: 12 Apr 2023 23:44

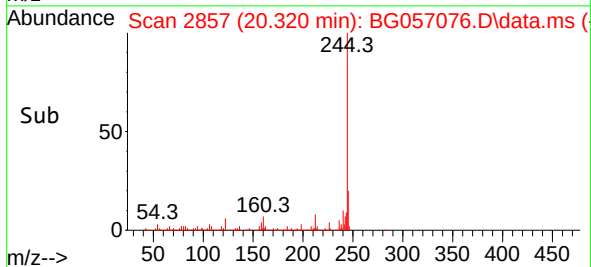
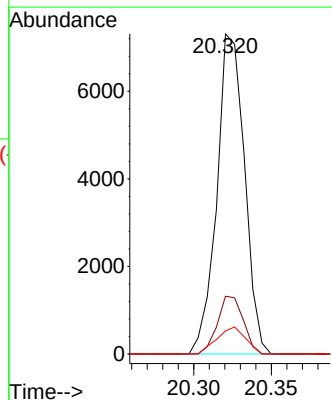
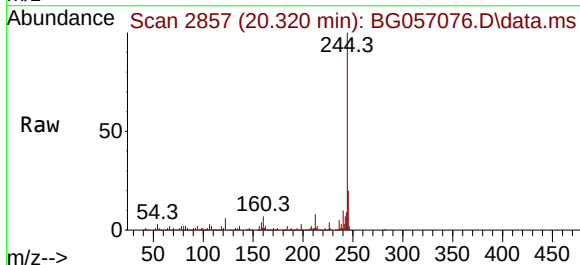
Instrument :
BNA_G
ClientSampleId :
20230334-COMP-12

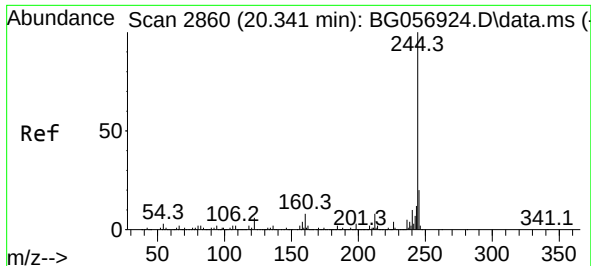
Tgt Ion:240 Resp: 90281
Ion Ratio Lower Upper
240 100
120 6.3 3.8 5.6#
236 24.8 21.0 31.6



#77
Benzidine
Concen: 3.678 ng
RT: 20.320 min Scan# 2857
Delta R.T. 0.366 min
Lab File: BG057076.D
Acq: 12 Apr 2023 23:44

Tgt Ion:184 Resp: 9075
Ion Ratio Lower Upper
184 100
185 18.0 11.0 16.4#
183 7.2 11.4 17.0#

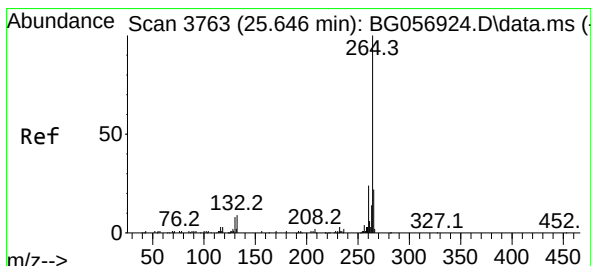
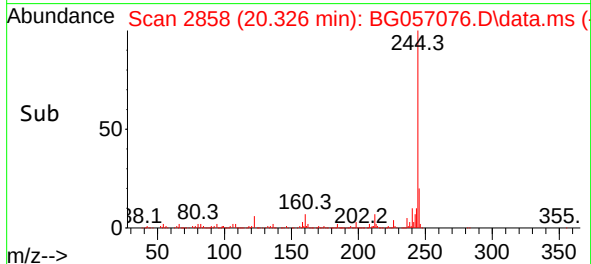
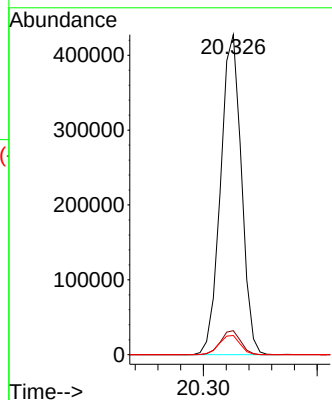
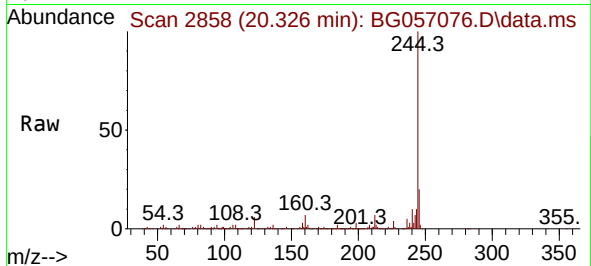




#79
 Terphenyl-d14
 Concen: 101.920 ng
 RT: 20.326 min Scan# 21
 Delta R.T. 0.002 min
 Lab File: BG057076.D
 Acq: 12 Apr 2023 23:44

Instrument :
 BNA_G
 ClientSampleId :
 20230334-COMP-12

Tgt Ion:244 Resp: 543769
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.1 9.1
 122 6.0 5.0 7.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.602 min Scan# 3756
 Delta R.T. -0.010 min
 Lab File: BG057076.D
 Acq: 12 Apr 2023 23:44

Tgt Ion:264 Resp: 100099
 Ion Ratio Lower Upper
 264 100
 260 21.3 19.0 28.4
 265 21.1 17.8 26.6

