

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041423\
 Data File : BG057101.D
 Acq On : 14 Apr 2023 15:40
 Operator : CG/JU
 Sample : 02347-09
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 20230338-COMP-16

Quant Time: Apr 14 17:27:14 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)

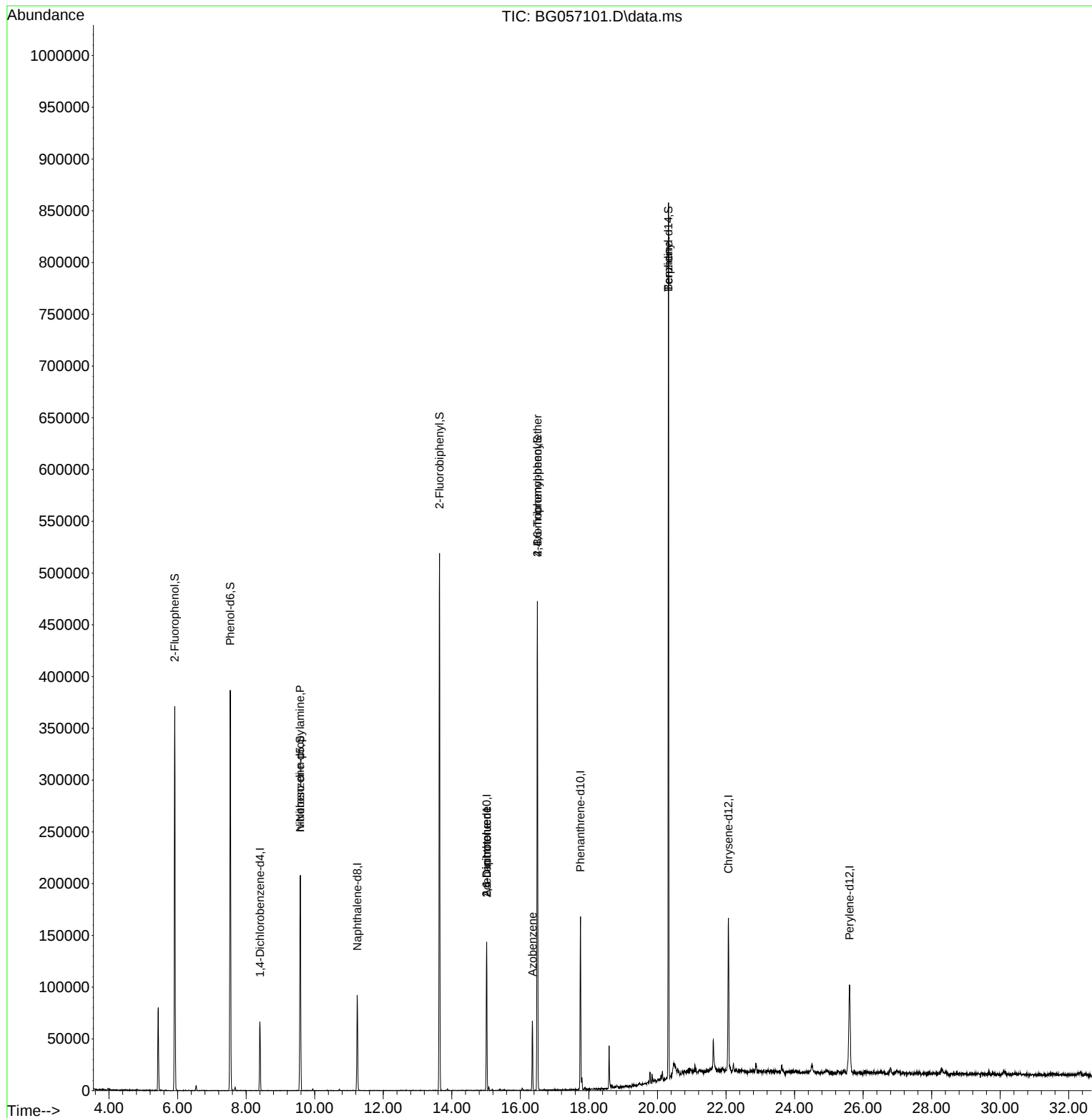
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.402	152	18445	20.000	ng	0.00
21) Naphthalene-d8	11.239	136	75129	20.000	ng	# 0.00
39) Acenaphthene-d10	15.017	164	50032	20.000	ng	0.00
64) Phenanthrene-d10	17.754	188	108170	20.000	ng	# 0.00
76) Chrysene-d12	22.072	240	90759	20.000	ng	# 0.00
86) Perylene-d12	25.602	264	100650	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.917	112	153440	133.138	ng	0.00
7) Phenol-d6	7.538	99	221397	128.443	ng	0.00
23) Nitrobenzene-d5	9.577	82	139358	75.899	ng	0.00
42) 2,4,6-Tribromophenol	16.497	330	96126	120.266	ng	0.00
45) 2-Fluorobiphenyl	13.642	172	262936	71.263	ng	0.00
79) Terphenyl-d14	20.321	244	400330	74.640	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.577	70	18807	15.254	ng	# 79
51) 2,6-Dinitrotoluene	15.017	165	6208	7.289	ng	# 21
57) 2,4-Dinitrotoluene	15.017	165	6208	5.168	ng	# 22
63) Azobenzene	16.350	77	19951	5.066	ng	# 1
67) 4-Bromophenyl-phenylether	16.497	248	6008	4.489	ng	# 1
77) Benzidine	20.321	184	6769	2.729	ng	96

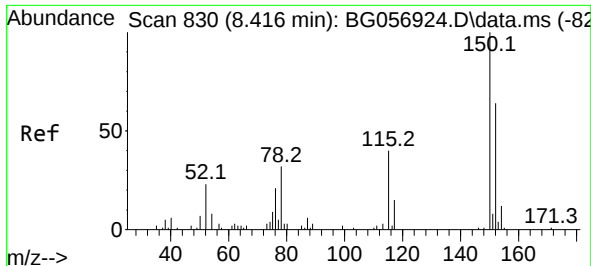
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041423\
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Quant Time: Apr 14 17:27:14 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

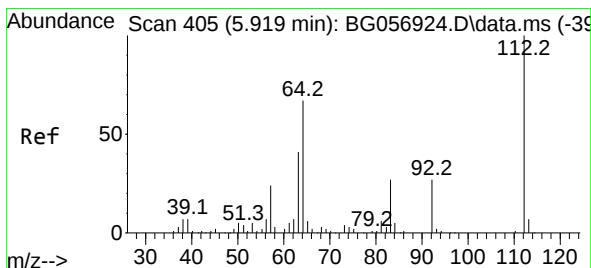
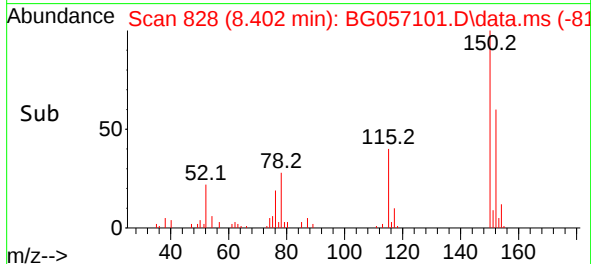
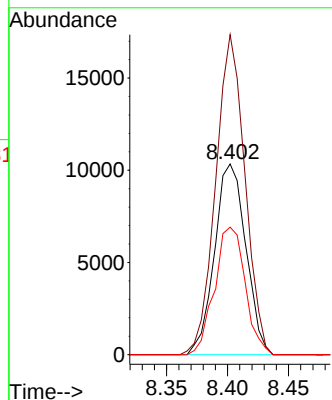
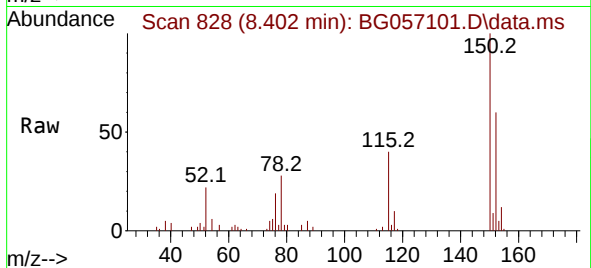




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.402 min Scan# 81
Delta R.T. -0.009 min
Lab File: BG057101.D
Acq: 14 Apr 2023 15:40

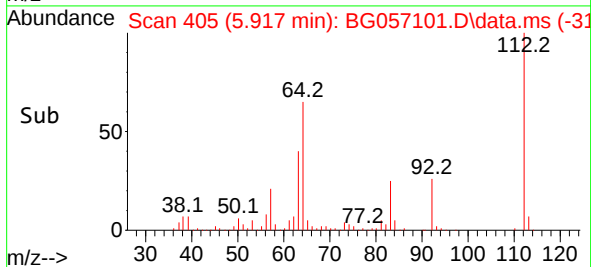
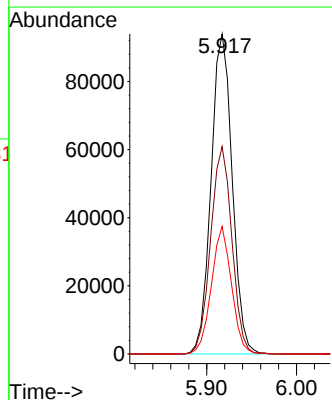
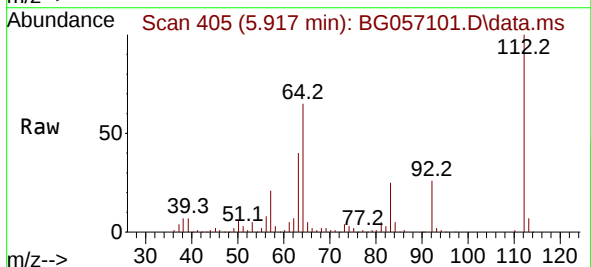
Instrument :
BNA_G
ClientSampleId :
20230338-COMP-16

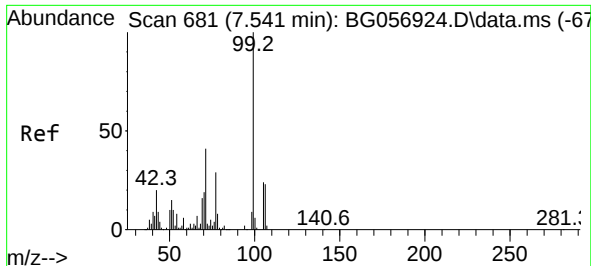
Tgt Ion:152 Resp: 18445
Ion Ratio Lower Upper
152 100
150 167.8 124.1 186.1
115 66.8 49.1 73.7



#5
2-Fluorophenol
Concen: 133.138 ng
RT: 5.917 min Scan# 405
Delta R.T. 0.003 min
Lab File: BG057101.D
Acq: 14 Apr 2023 15:40

Tgt Ion:112 Resp: 153440
Ion Ratio Lower Upper
112 100
64 64.8 53.2 79.8
63 39.8 32.6 48.8

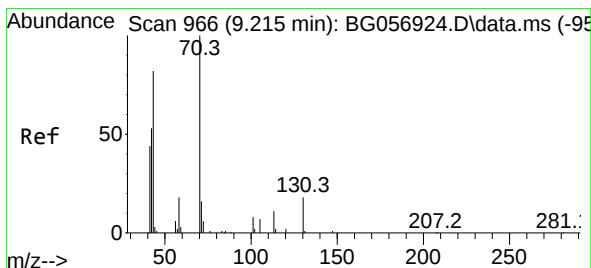
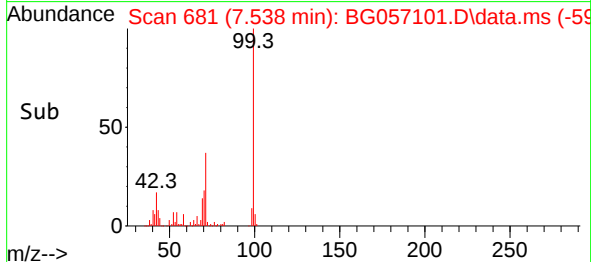
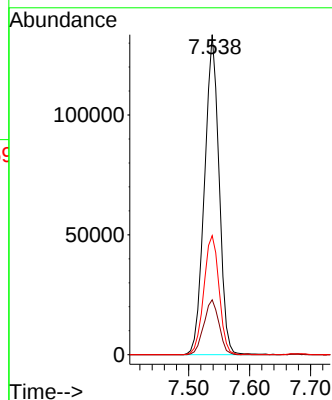
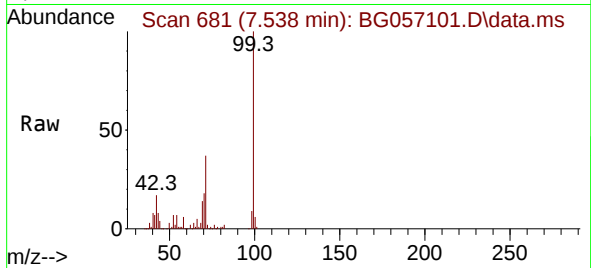




#7
Phenol-d6
Concen: 128.443 ng
RT: 7.538 min Scan# 61
Delta R.T. 0.003 min
Lab File: BG057101.D
Acq: 14 Apr 2023 15:40

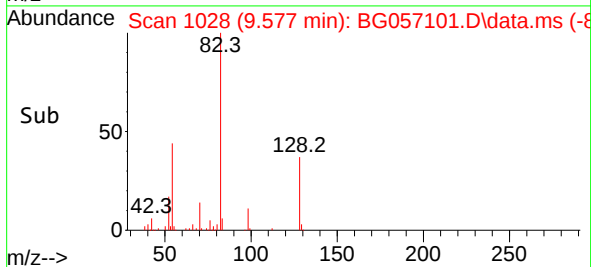
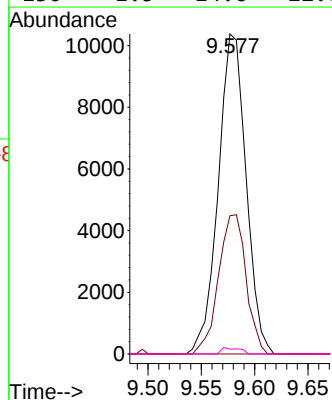
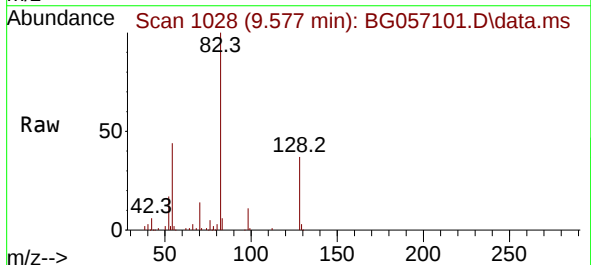
Instrument :
BNA_G
ClientSampleId :
20230338-COMP-16

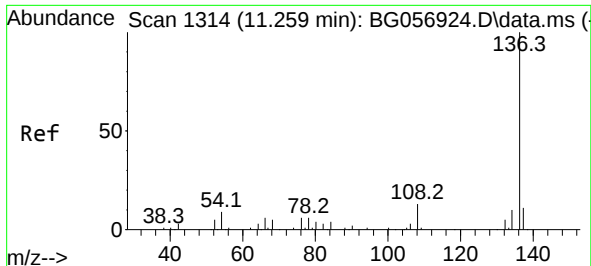
Tgt Ion: 99 Resp: 221397
Ion Ratio Lower Upper
99 100
42 17.2 15.7 23.5
71 37.2 32.5 48.7



#19
n-Nitroso-di-n-propylamine
Concen: 15.254 ng
RT: 9.577 min Scan# 1028
Delta R.T. 0.367 min
Lab File: BG057101.D
Acq: 14 Apr 2023 15:40

Tgt Ion: 70 Resp: 18807
Ion Ratio Lower Upper
70 100
42 43.2 43.4 65.0#
101 0.0 6.2 9.2#
130 1.5 14.6 22.0#

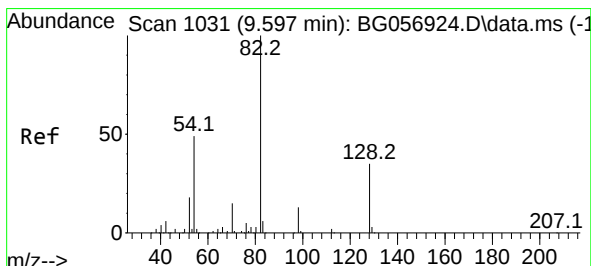
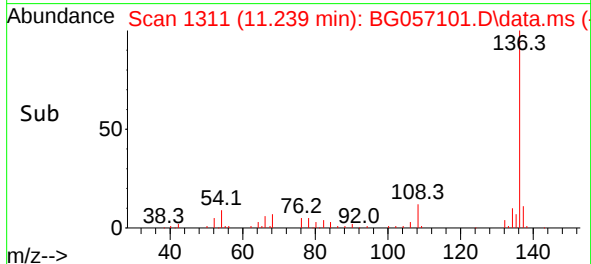
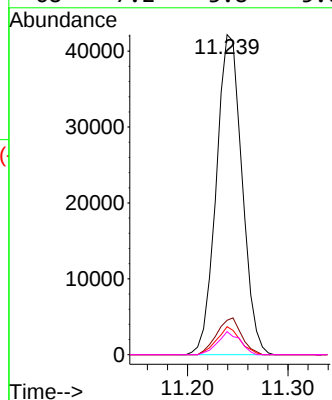
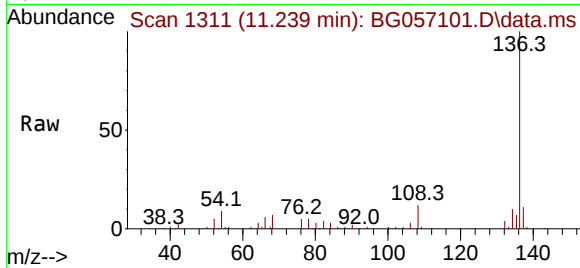




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.239 min Scan# 11
Delta R.T. -0.009 min
Lab File: BG057101.D
Acq: 14 Apr 2023 15:40

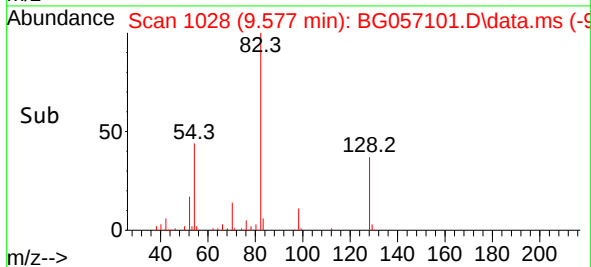
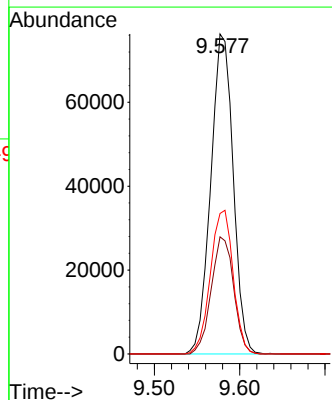
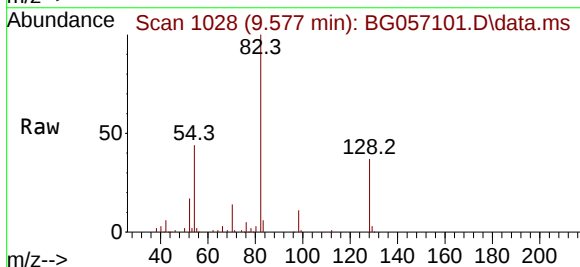
Instrument :
BNA_G
ClientSampleId :
20230338-COMP-16

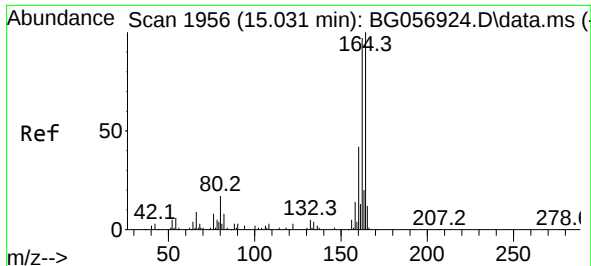
Tgt Ion:	136	Resp:	75129
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	8.8	6.9	10.3
68	7.2	3.8	5.6



#23
Nitrobenzene-d5
Concen: 75.899 ng
RT: 9.577 min Scan# 1028
Delta R.T. -0.009 min
Lab File: BG057101.D
Acq: 14 Apr 2023 15:40

Tgt Ion:	82	Resp:	139358
Ion	Ratio	Lower	Upper
82	100		
128	36.6	27.9	41.9
54	43.9	39.4	59.2

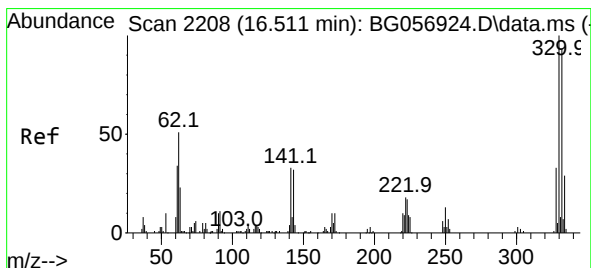
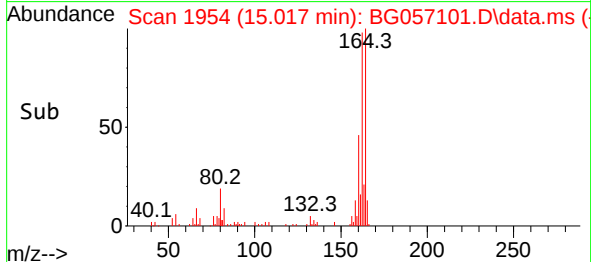
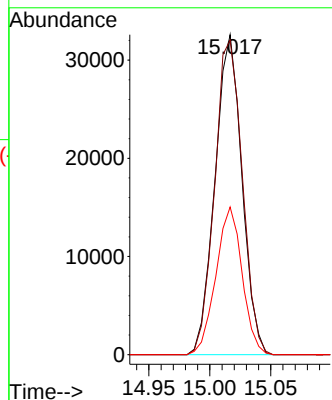
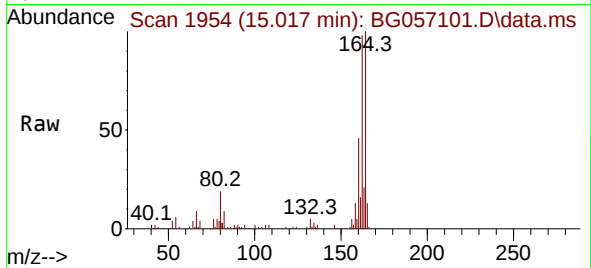




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.017 min Scan# 1954
Delta R.T. -0.003 min
Lab File: BG057101.D
Acq: 14 Apr 2023 15:40

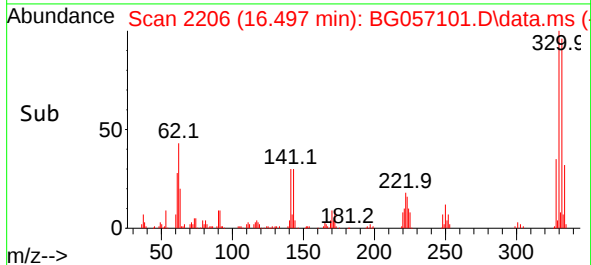
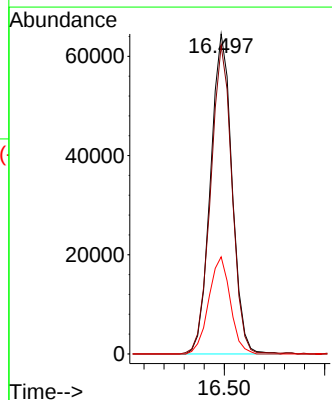
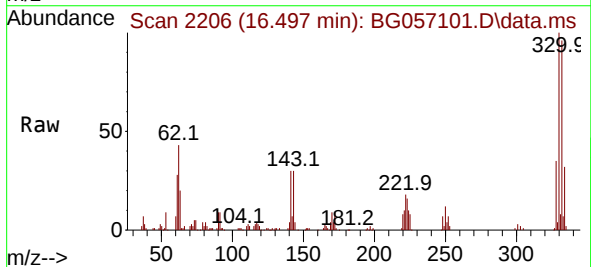
Instrument :
BNA_G
ClientSampleId :
20230338-COMP-16

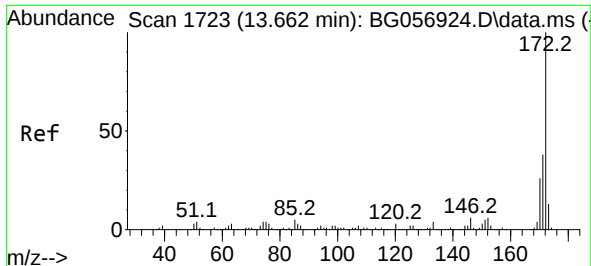
Tgt Ion:164 Resp: 50032
Ion Ratio Lower Upper
164 100
162 98.3 77.8 116.8
160 46.1 33.5 50.3



#42
2,4,6-Tribromophenol
Concen: 120.266 ng
RT: 16.497 min Scan# 2206
Delta R.T. -0.003 min
Lab File: BG057101.D
Acq: 14 Apr 2023 15:40

Tgt Ion:330 Resp: 96126
Ion Ratio Lower Upper
330 100
332 95.9 76.1 114.1
141 30.3 25.8 38.6

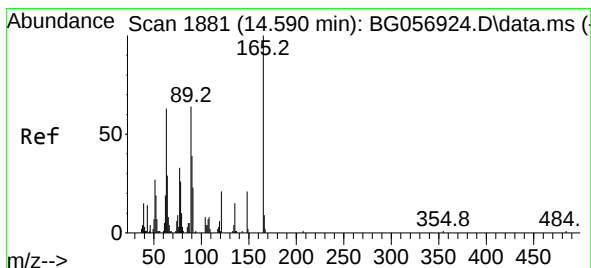
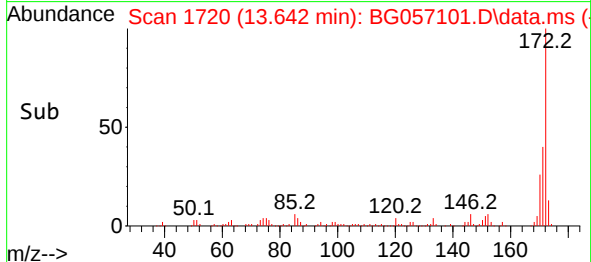
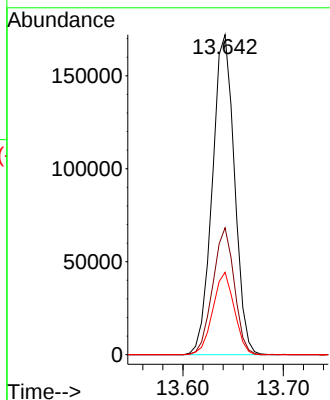
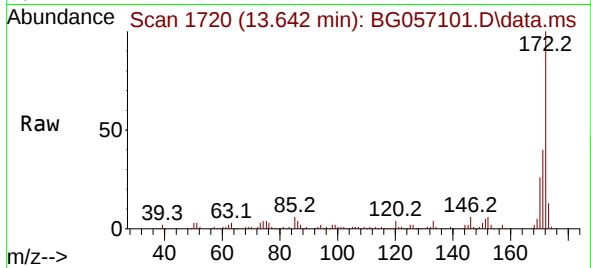




#45
2-Fluorobiphenyl
Concen: 71.263 ng
RT: 13.642 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG057101.D
Acq: 14 Apr 2023 15:40

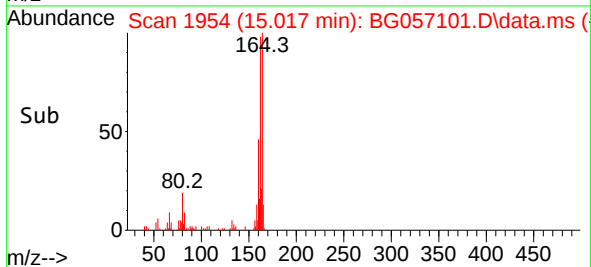
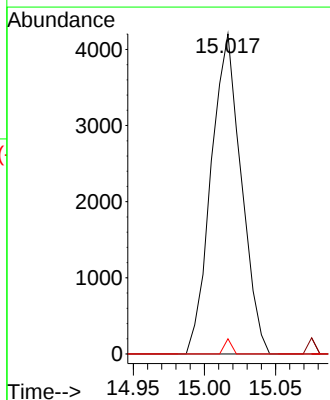
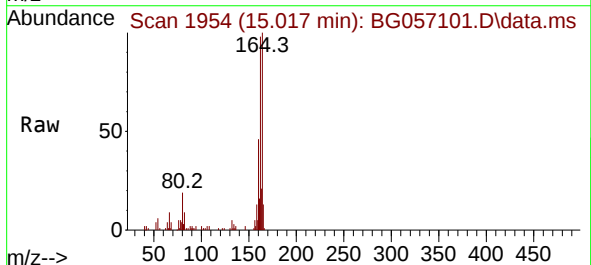
Instrument :
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ClientSampleId :
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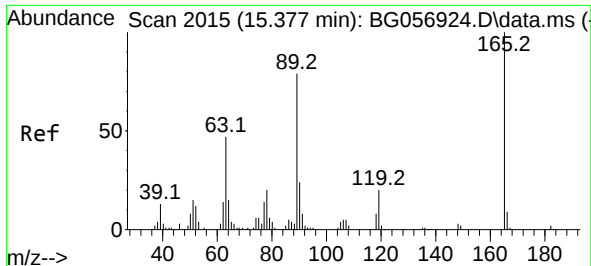
Tgt Ion:172 Resp: 262936
Ion Ratio Lower Upper
172 100
171 39.7 30.6 46.0
170 25.7 20.6 30.8



#51
2,6-Dinitrotoluene
Concen: 7.289 ng
RT: 15.017 min Scan# 1954
Delta R.T. 0.431 min
Lab File: BG057101.D
Acq: 14 Apr 2023 15:40

Tgt Ion:165 Resp: 6208
Ion Ratio Lower Upper
165 100
63 0.0 53.0 79.6#
89 4.8 51.0 76.4#





#57

2,4-Dinitrotoluene

Concen: 5.168 ng

RT: 15.017 min Scan# 1954

Delta R.T. -0.350 min

Lab File: BG057101.D

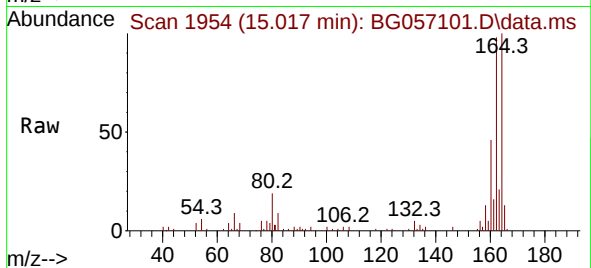
Acq: 14 Apr 2023 15:40

Instrument :

BNA_G

ClientSampleId :

20230338-COMP-16



Tgt Ion:165 Resp: 6208

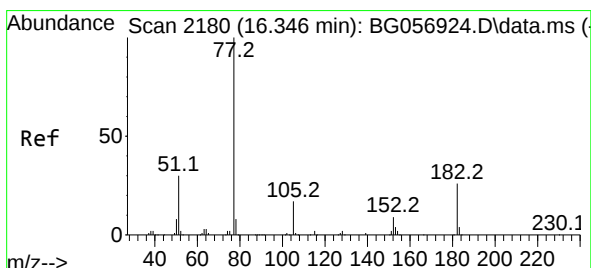
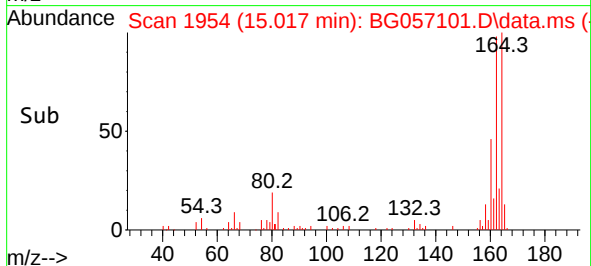
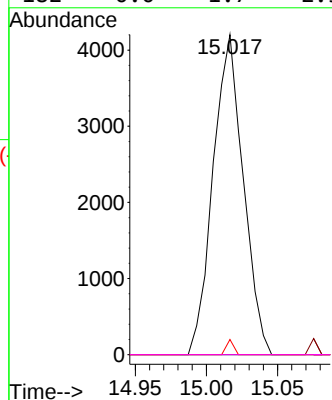
Ion Ratio Lower Upper

165 100

63 0.0 37.7 56.5#

89 4.8 63.2 94.8#

182 0.0 1.7 2.5#



#63

Azobenzene

Concen: 5.066 ng

RT: 16.350 min Scan# 2181

Delta R.T. 0.014 min

Lab File: BG057101.D

Acq: 14 Apr 2023 15:40

Tgt Ion: 77 Resp: 19951

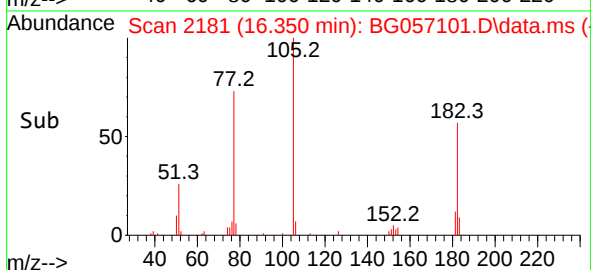
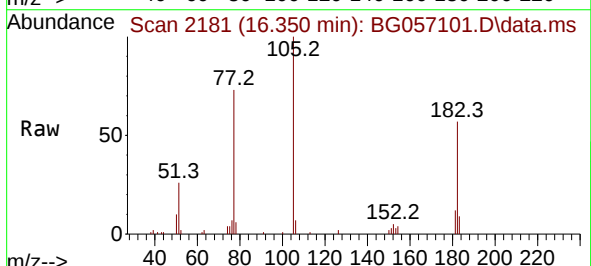
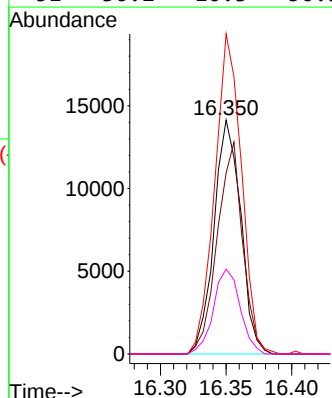
Ion Ratio Lower Upper

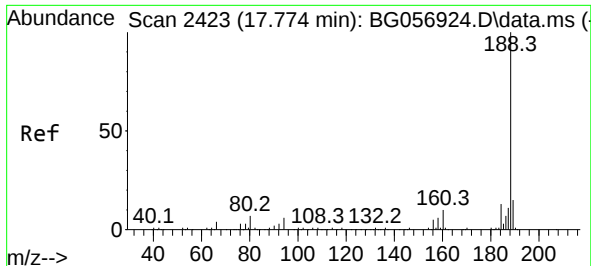
77 100

182 77.3 5.9 45.9#

105 136.8 0.0 36.8#

51 36.2 10.3 50.3

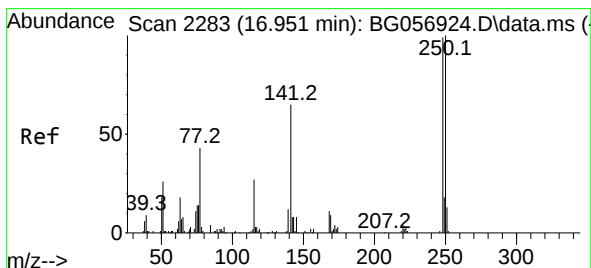
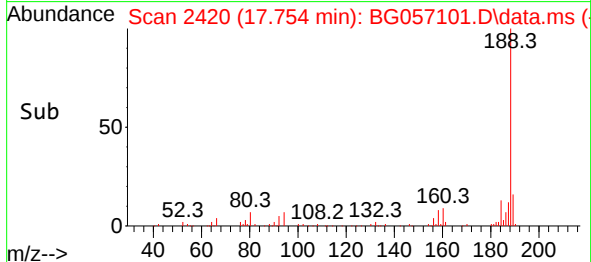
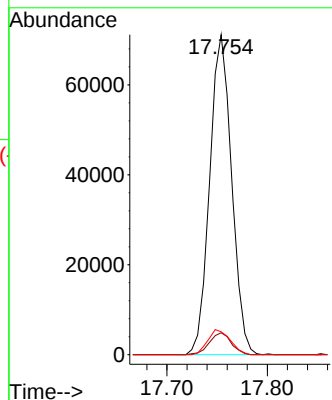
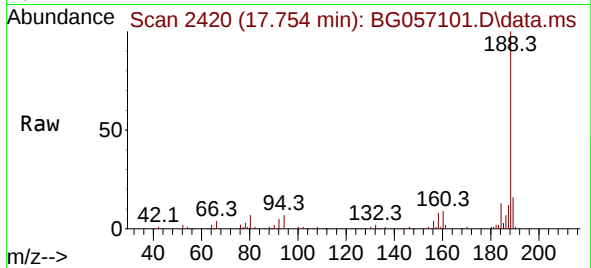




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.754 min Scan# 24
Delta R.T. -0.009 min
Lab File: BG057101.D
Acq: 14 Apr 2023 15:40

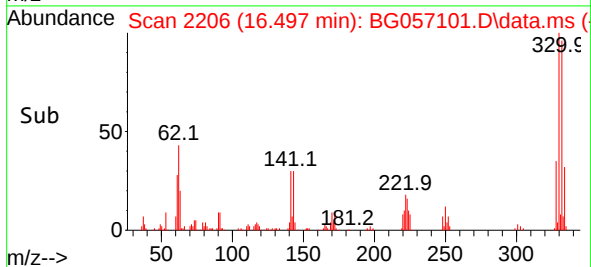
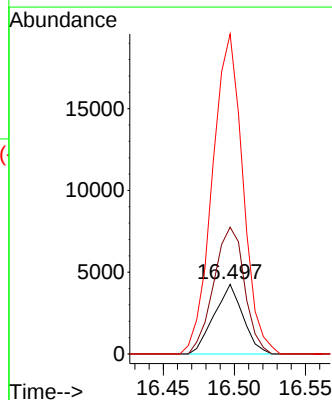
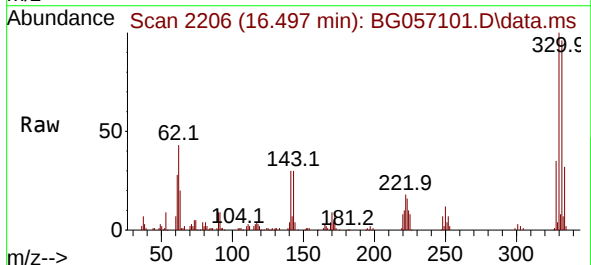
Instrument :
BNA_G
ClientSampleId :
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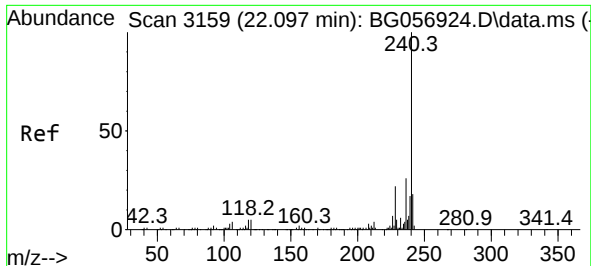
Tgt Ion:188 Resp: 108170
Ion Ratio Lower Upper
188 100
94 6.9 4.6 6.8#
80 7.2 5.5 8.3



#67
4-Bromophenyl-phenylether
Concen: 4.489 ng
RT: 16.497 min Scan# 2206
Delta R.T. -0.438 min
Lab File: BG057101.D
Acq: 14 Apr 2023 15:40

Tgt Ion:248 Resp: 6008
Ion Ratio Lower Upper
248 100
250 182.0 80.5 120.7#
141 459.7 52.0 78.0#

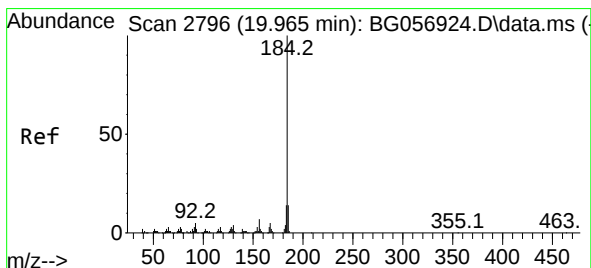
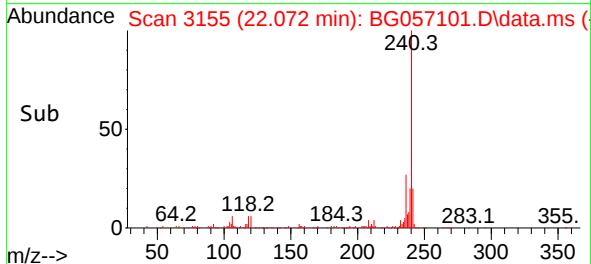
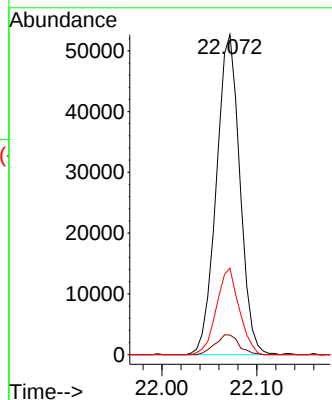
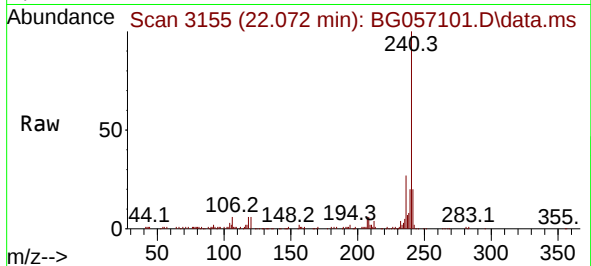




#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.072 min Scan# 3155
Delta R.T. -0.009 min
Lab File: BG057101.D
Acq: 14 Apr 2023 15:40

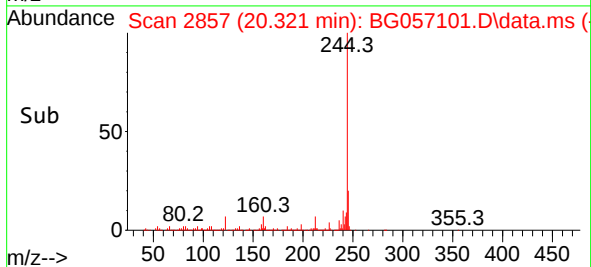
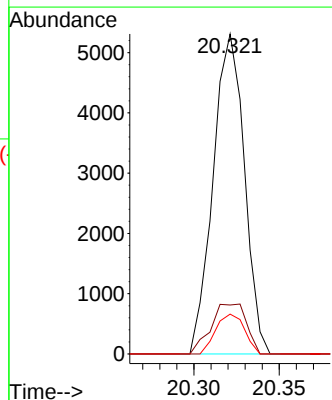
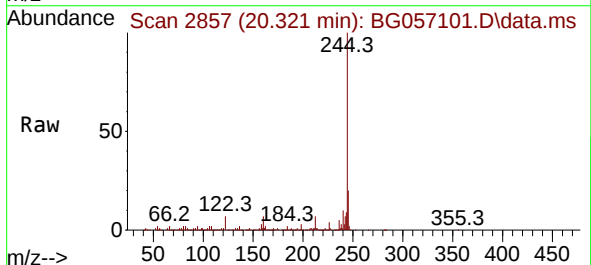
Instrument :
BNA_G
ClientSampleId :
20230338-COMP-16

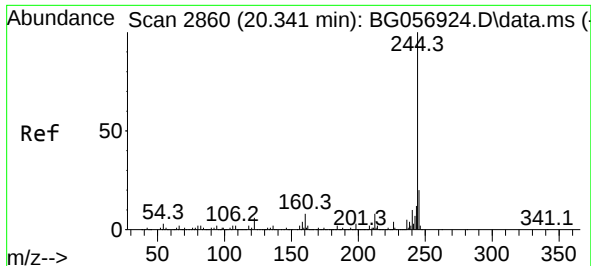
Tgt Ion:240 Resp: 90759
Ion Ratio Lower Upper
240 100
120 6.1 3.8 5.6#
236 27.1 21.0 31.6



#77
Benzidine
Concen: 2.729 ng
RT: 20.321 min Scan# 2857
Delta R.T. 0.367 min
Lab File: BG057101.D
Acq: 14 Apr 2023 15:40

Tgt Ion:184 Resp: 6769
Ion Ratio Lower Upper
184 100
185 15.3 11.0 16.4
183 12.5 11.4 17.0

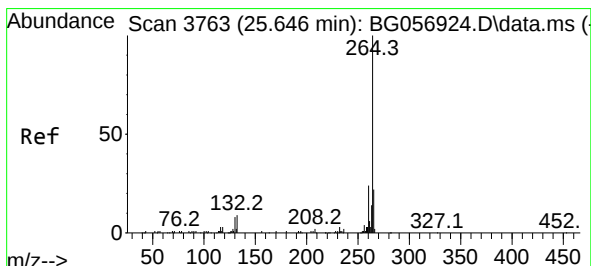
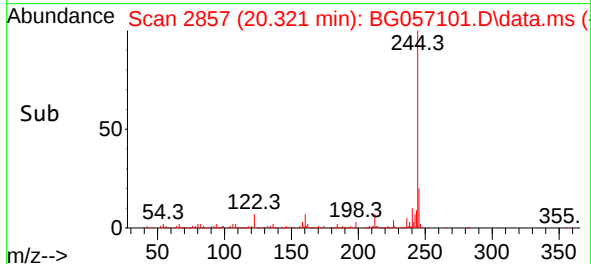
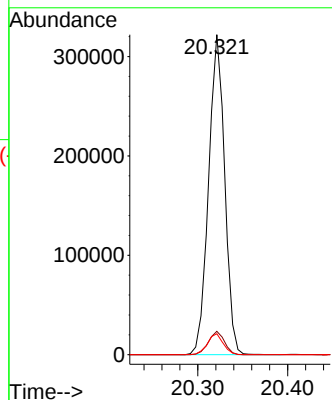
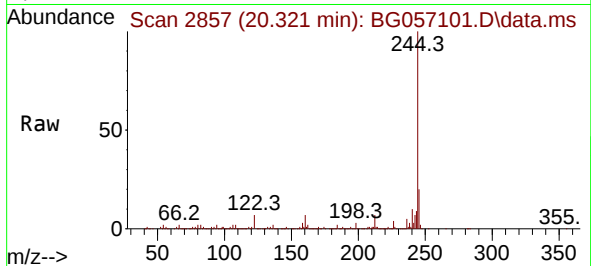




#79
 Terphenyl-d14
 Concen: 74.640 ng
 RT: 20.321 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: BG057101.D
 Acq: 14 Apr 2023 15:40

Instrument :
 BNA_G
 ClientSampleId :
 20230338-COMP-16

Tgt Ion:244 Resp: 400330
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.1 9.1
 122 6.6 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: BG057101.D
 Acq: 14 Apr 2023 15:40

Tgt Ion:264 Resp: 100650
 Ion Ratio Lower Upper
 264 100
 260 21.6 19.0 28.4
 265 19.6 17.8 26.6

