

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041223\
 Data File : BG057071.D
 Acq On : 12 Apr 2023 20:06
 Operator : CG/JU
 Sample : 02283-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 20230328-COMP-6

Quant Time: Apr 13 05:26:44 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)

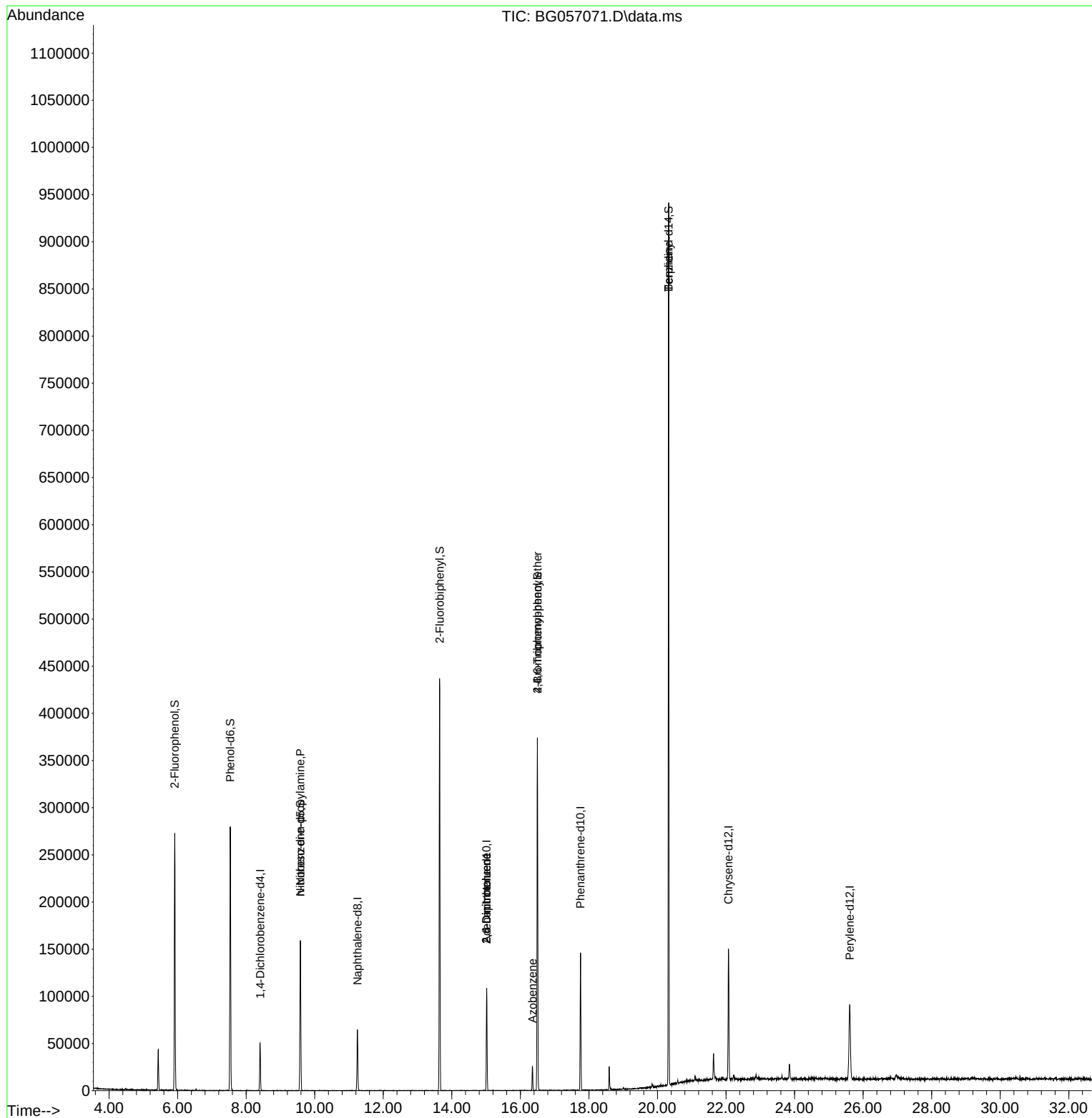
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.407	152	14078	20.000	ng	0.00
21) Naphthalene-d8	11.245	136	55551	20.000	ng	0.00
39) Acenaphthene-d10	15.016	164	38152	20.000	ng	0.00
64) Phenanthrene-d10	17.753	188	96627	20.000	ng	0.00
76) Chrysene-d12	22.071	240	89401	20.000	ng	# 0.00
86) Perylene-d12	25.607	264	95876	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.917	112	113247	128.744	ng	0.00
7) Phenol-d6	7.538	99	156960	119.307	ng	0.00
23) Nitrobenzene-d5	9.582	82	101975	75.112	ng	0.00
42) 2,4,6-Tribromophenol	16.496	330	78003	127.981	ng	0.00
45) 2-Fluorobiphenyl	13.647	172	228163	81.094	ng	0.00
79) Terphenyl-d14	20.326	244	454229	85.975	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.582	70	13785	14.649	ng	# 80
51) 2,6-Dinitrotoluene	15.016	165	4862	7.486	ng	# 18
57) 2,4-Dinitrotoluene	15.016	165	4862	5.308	ng	# 18
63) Azobenzene	16.355	77	7669	2.554	ng	# 1
67) 4-Bromophenyl-phenylether	16.496	248	4762	3.983	ng	# 1
77) Benzidine	20.326	184	7478	3.060	ng	# 84

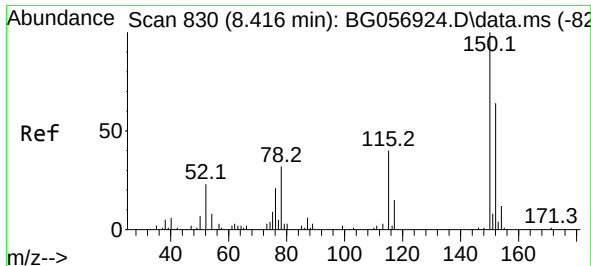
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041223\
Data File : BG057071.D
Acq On : 12 Apr 2023 20:06
Operator : CG/JU
Sample : 02283-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
20230328-COMP-6

Quant Time: Apr 13 05:26:44 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

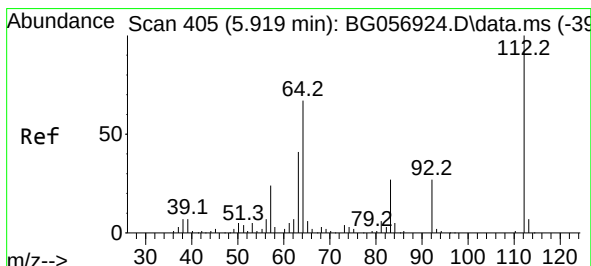
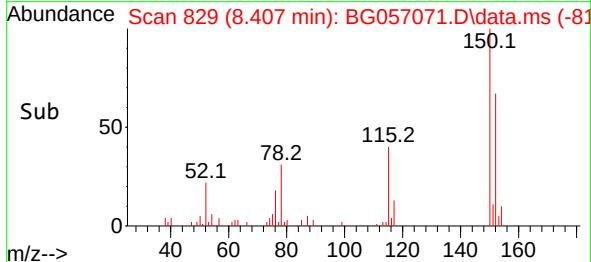
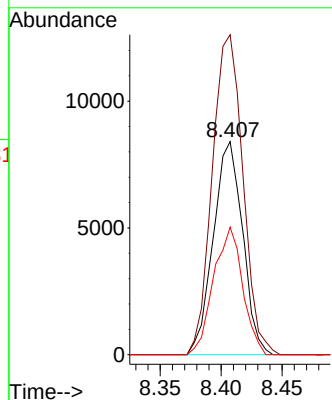
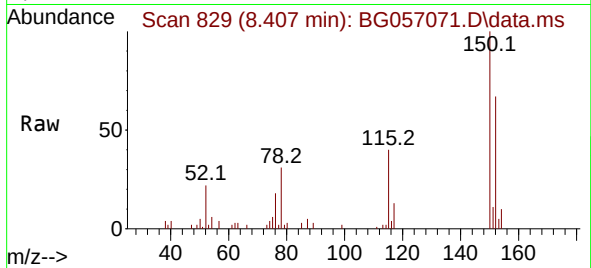




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.407 min Scan# 81
Delta R.T. -0.004 min
Lab File: BG057071.D
Acq: 12 Apr 2023 20:06

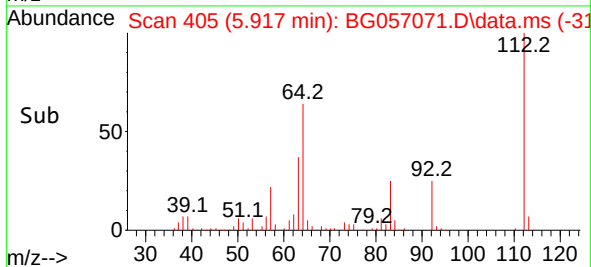
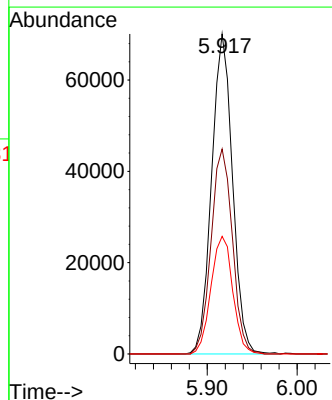
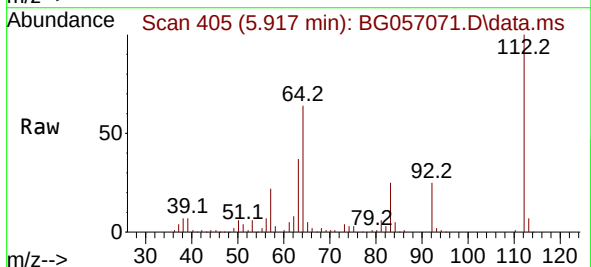
Instrument :
BNA_G
ClientSampleId :
20230328-COMP-6

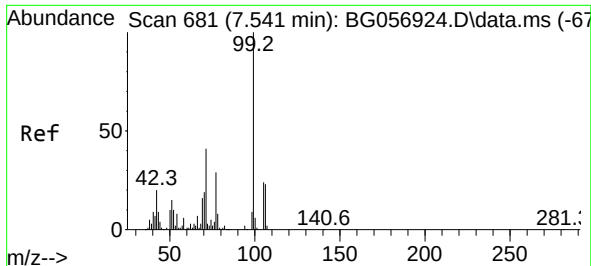
Tgt Ion:152 Resp: 14078
Ion Ratio Lower Upper
152 100
150 150.2 124.1 186.1
115 59.9 49.1 73.7



#5
2-Fluorophenol
Concen: 128.744 ng
RT: 5.917 min Scan# 405
Delta R.T. 0.002 min
Lab File: BG057071.D
Acq: 12 Apr 2023 20:06

Tgt Ion:112 Resp: 113247
Ion Ratio Lower Upper
112 100
64 64.0 53.2 79.8
63 36.7 32.6 48.8

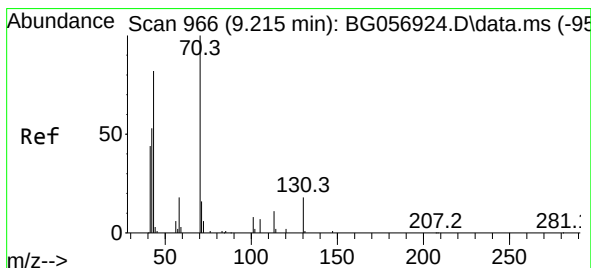
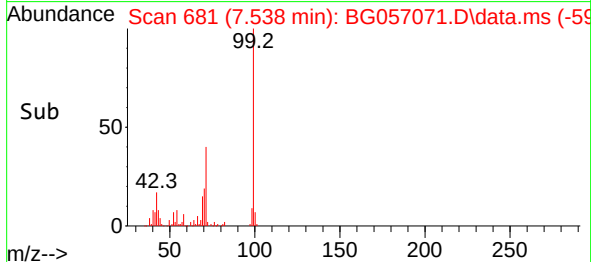
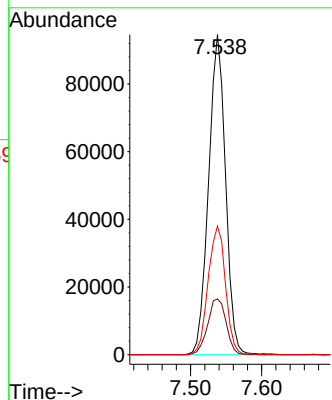
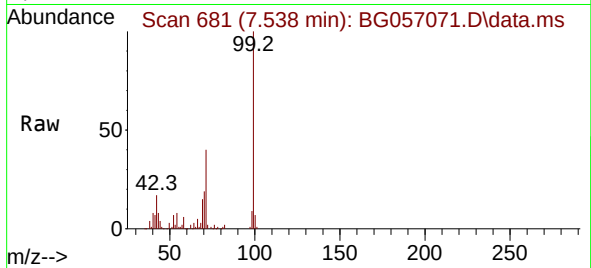




#7
Phenol-d6
Concen: 119.307 ng
RT: 7.538 min Scan# 61
Delta R.T. 0.002 min
Lab File: BG057071.D
Acq: 12 Apr 2023 20:06

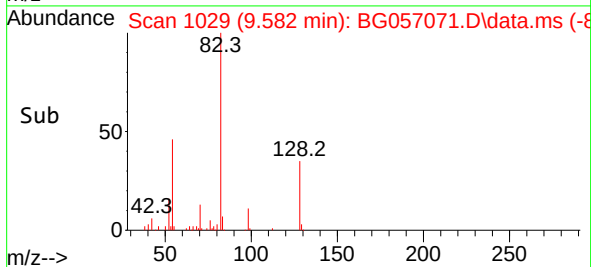
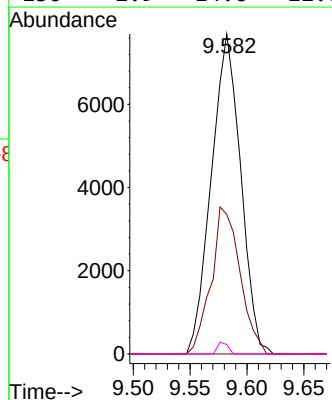
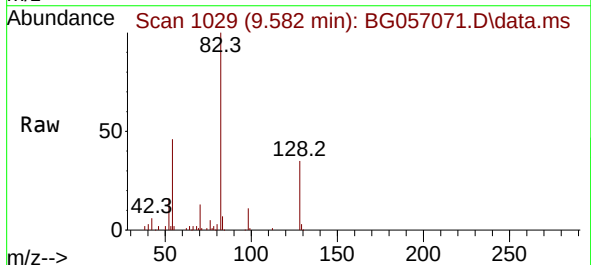
Instrument :
BNA_G
ClientSampleId :
20230328-COMP-6

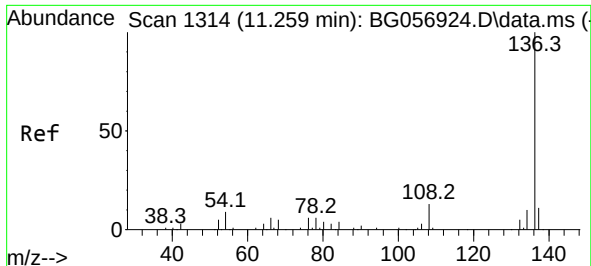
Tgt Ion: 99 Resp: 156960
Ion Ratio Lower Upper
99 100
42 17.4 15.7 23.5
71 40.2 32.5 48.7



#19
n-Nitroso-di-n-propylamine
Concen: 14.649 ng
RT: 9.582 min Scan# 1029
Delta R.T. 0.372 min
Lab File: BG057071.D
Acq: 12 Apr 2023 20:06

Tgt Ion: 70 Resp: 13785
Ion Ratio Lower Upper
70 100
42 43.6 43.4 65.0
101 0.0 6.2 9.2#
130 2.9 14.6 22.0#

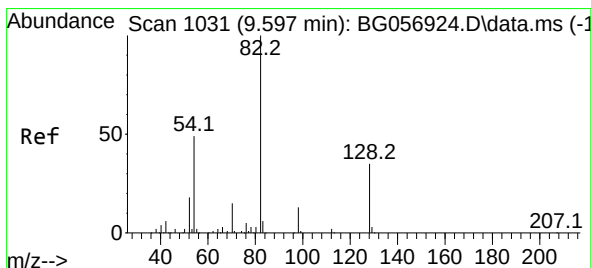
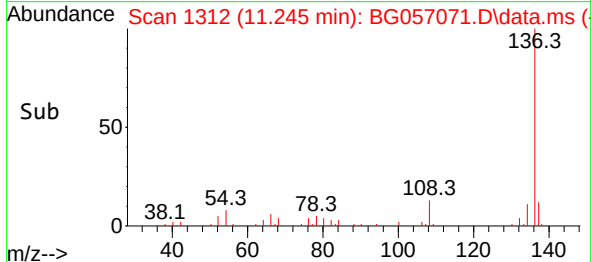
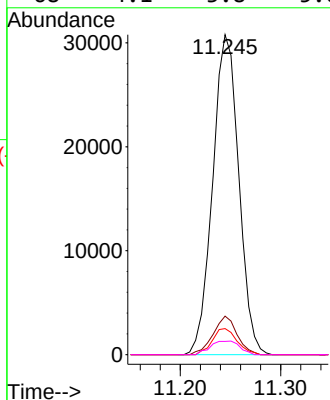
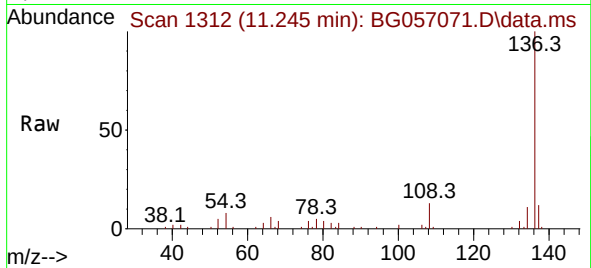




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.245 min Scan# 11
Delta R.T. -0.004 min
Lab File: BG057071.D
Acq: 12 Apr 2023 20:06

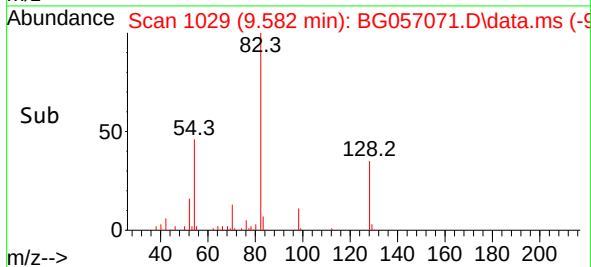
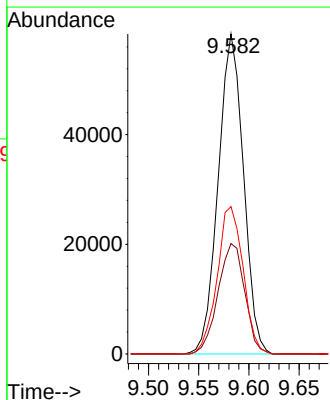
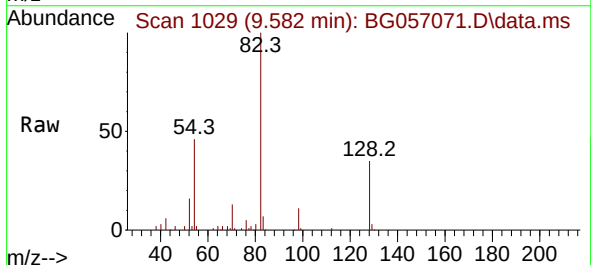
Instrument :
BNA_G
ClientSampleId :
20230328-COMP-6

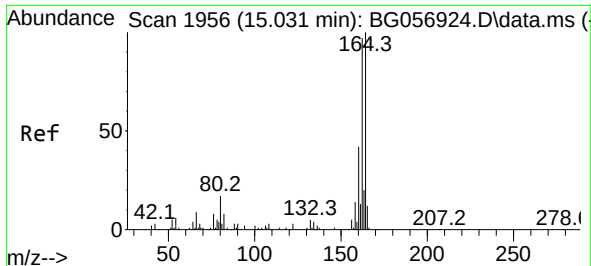
Tgt Ion:136	Resp:	55551
Ion Ratio	Lower	Upper
136	100	
137	12.0	8.6 13.0
54	8.2	6.9 10.3
68	4.1	3.8 5.6



#23
Nitrobenzene-d5
Concen: 75.112 ng
RT: 9.582 min Scan# 1029
Delta R.T. -0.004 min
Lab File: BG057071.D
Acq: 12 Apr 2023 20:06

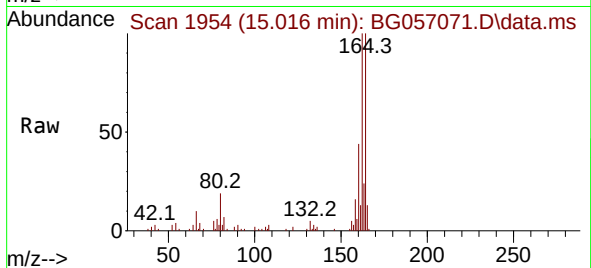
Tgt Ion: 82	Resp:	101975
Ion Ratio	Lower	Upper
82	100	
128	34.5	27.9 41.9
54	46.1	39.4 59.2



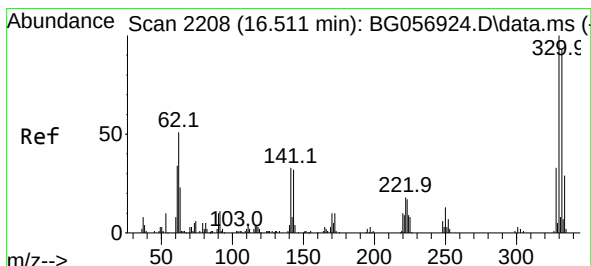
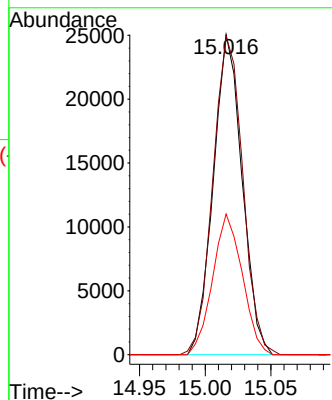
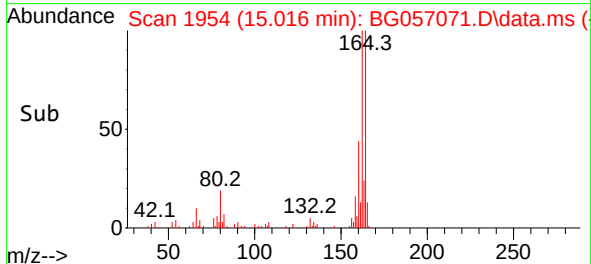


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.016 min Scan# 1954
Delta R.T. -0.004 min
Lab File: BG057071.D
Acq: 12 Apr 2023 20:06

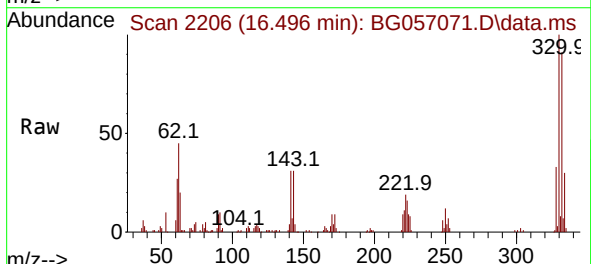
Instrument :
BNA_G
ClientSampleId :
20230328-COMP-6



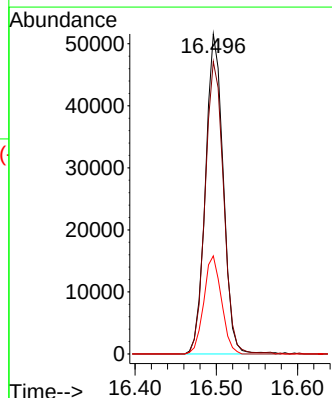
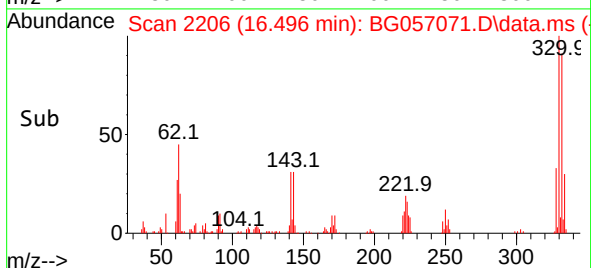
Tgt Ion:164 Resp: 38152
Ion Ratio Lower Upper
164 100
162 99.6 77.8 116.8
160 44.0 33.5 50.3

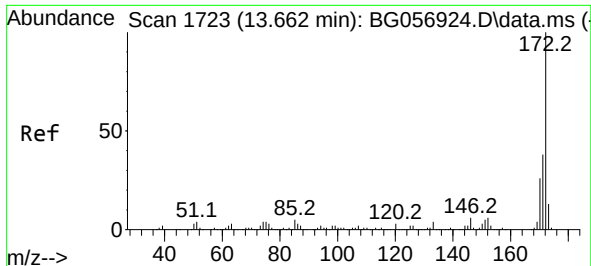


#42
2,4,6-Tribromophenol
Concen: 127.981 ng
RT: 16.496 min Scan# 2206
Delta R.T. -0.004 min
Lab File: BG057071.D
Acq: 12 Apr 2023 20:06



Tgt Ion:330 Resp: 78003
Ion Ratio Lower Upper
330 100
332 95.0 76.1 114.1
141 30.4 25.8 38.6

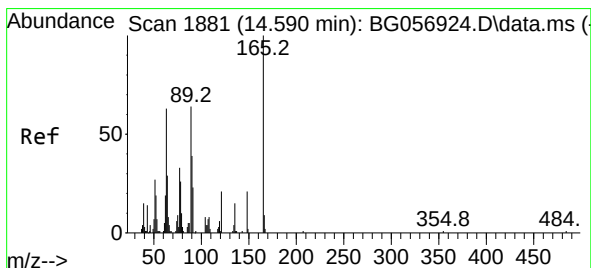
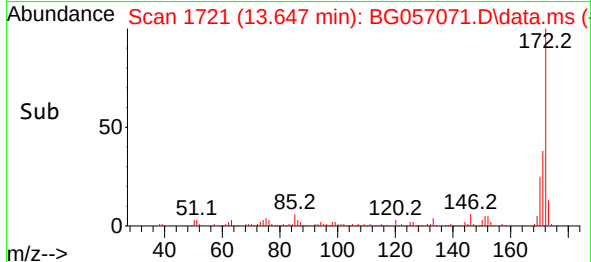
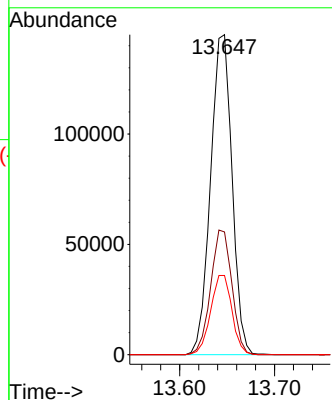
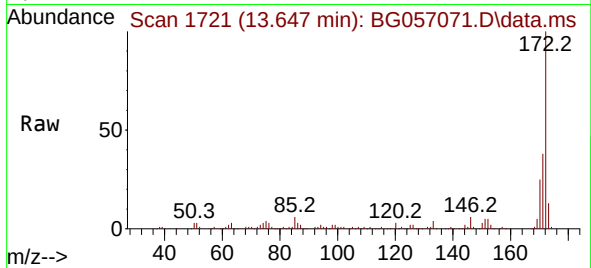




#45
2-Fluorobiphenyl
Concen: 81.094 ng
RT: 13.647 min Scan# 11
Delta R.T. 0.002 min
Lab File: BG057071.D
Acq: 12 Apr 2023 20:06

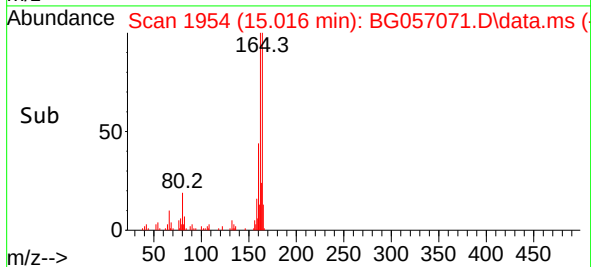
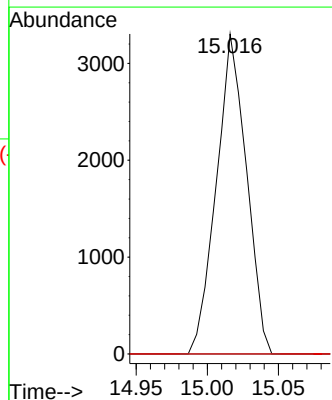
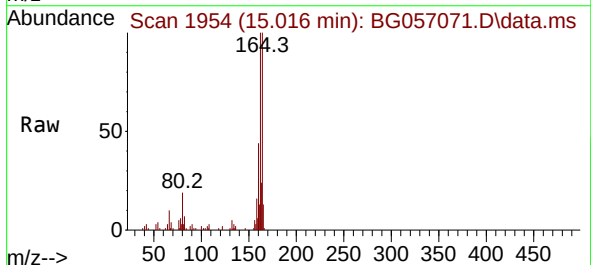
Instrument :
BNA_G
ClientSampleId :
20230328-COMP-6

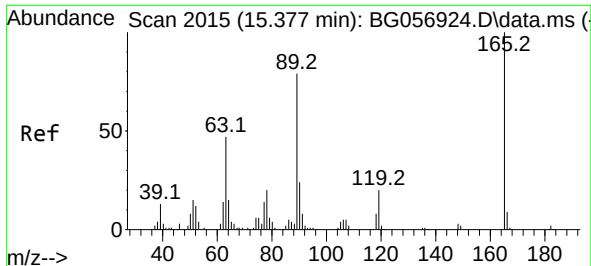
Tgt Ion:172 Resp: 228163
Ion Ratio Lower Upper
172 100
171 38.4 30.6 46.0
170 24.7 20.6 30.8



#51
2,6-Dinitrotoluene
Concen: 7.486 ng
RT: 15.016 min Scan# 1954
Delta R.T. 0.431 min
Lab File: BG057071.D
Acq: 12 Apr 2023 20:06

Tgt Ion:165 Resp: 4862
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: 5.308 ng

RT: 15.016 min Scan# 1954

Delta R.T. -0.351 min

Lab File: BG057071.D

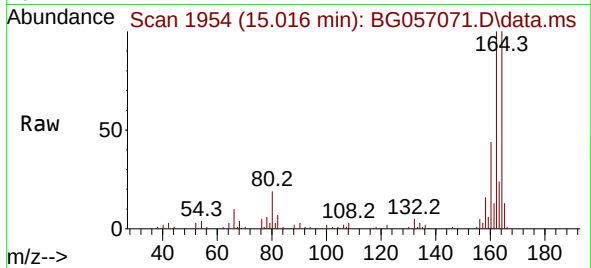
Acq: 12 Apr 2023 20:06

Instrument :

BNA_G

ClientSampleId :

20230328-COMP-6



Tgt Ion:165 Resp: 4862

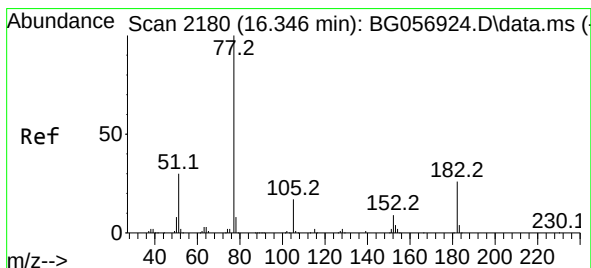
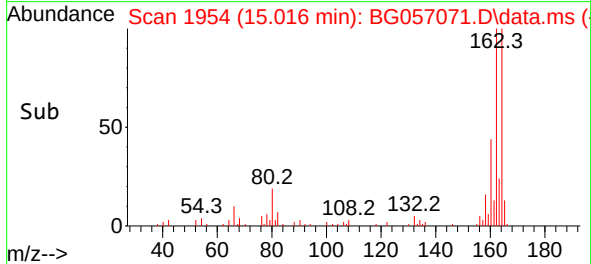
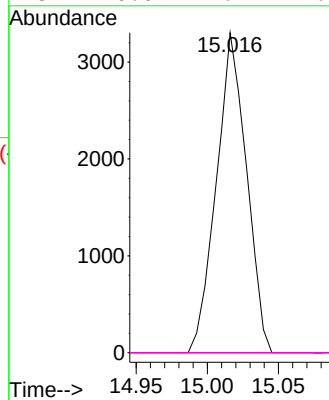
Ion Ratio Lower Upper

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: 2.554 ng

RT: 16.355 min Scan# 2182

Delta R.T. 0.020 min

Lab File: BG057071.D

Acq: 12 Apr 2023 20:06

Tgt Ion: 77 Resp: 7669

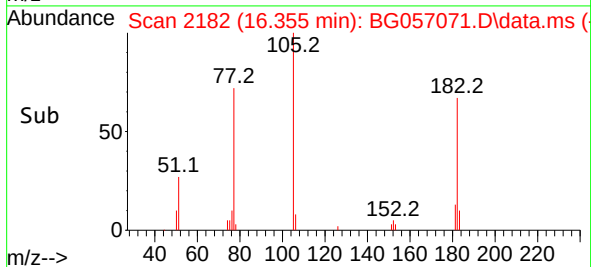
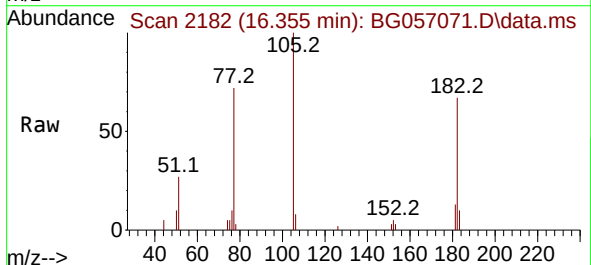
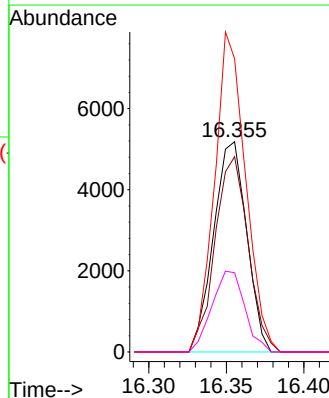
Ion Ratio Lower Upper

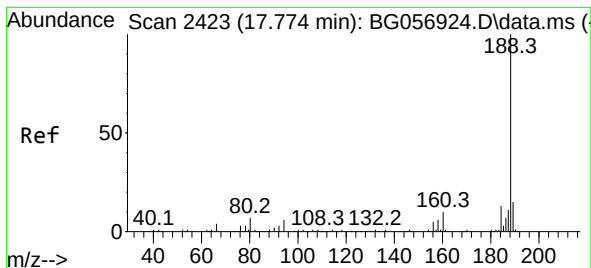
77 100

182 92.9 5.9 45.9#

105 139.6 0.0 36.8#

51 37.7 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: BG057071.D

Acq: 12 Apr 2023 20:06

Instrument :

BNA_G

ClientSampleId :

20230328-COMP-6

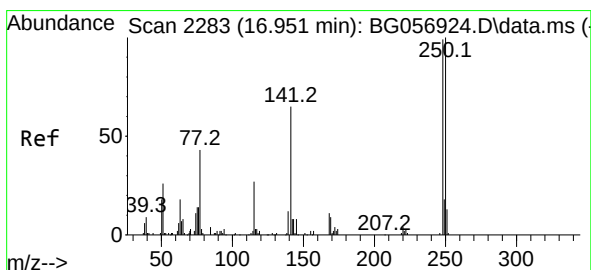
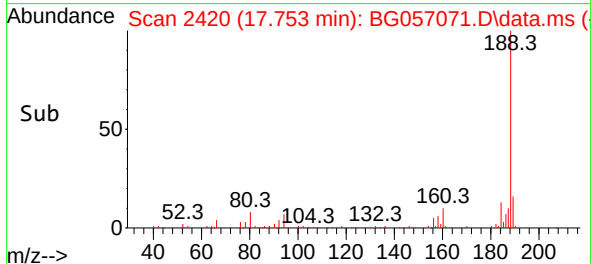
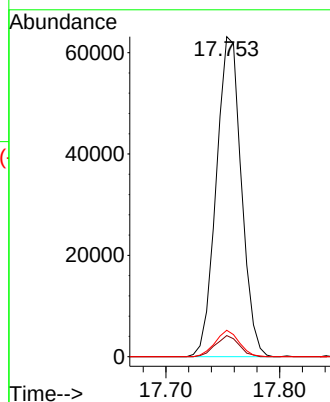
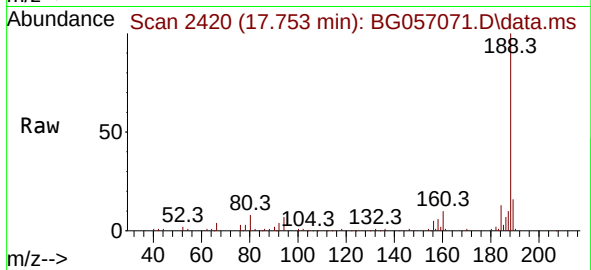
Tgt Ion:188 Resp: 96627

Ion Ratio Lower Upper

188 100

94 6.6 4.6 6.8

80 8.2 5.5 8.3



#67

4-Bromophenyl-phenylether

Concen: 3.983 ng

RT: 16.496 min Scan# 2206

Delta R.T. -0.439 min

Lab File: BG057071.D

Acq: 12 Apr 2023 20:06

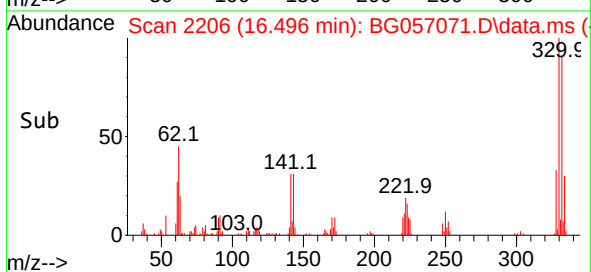
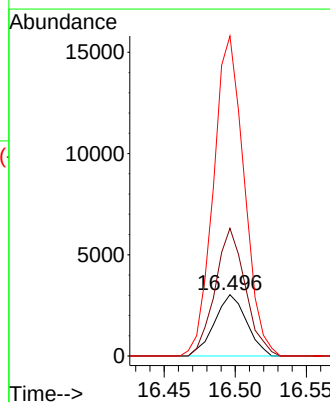
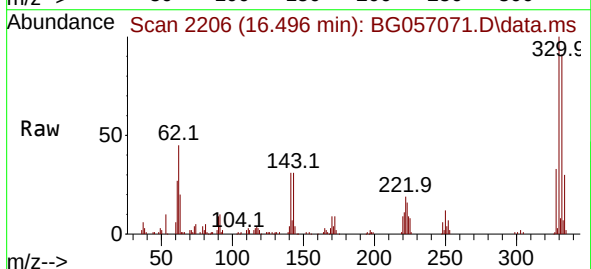
Tgt Ion:248 Resp: 4762

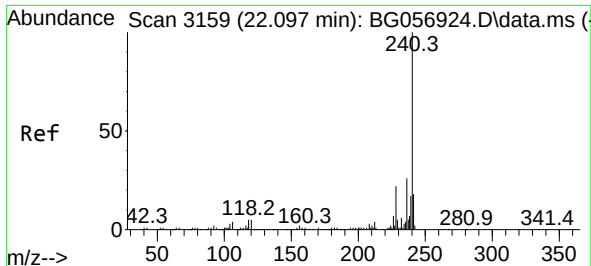
Ion Ratio Lower Upper

248 100

250 208.6 80.5 120.7#

141 522.8 52.0 78.0#

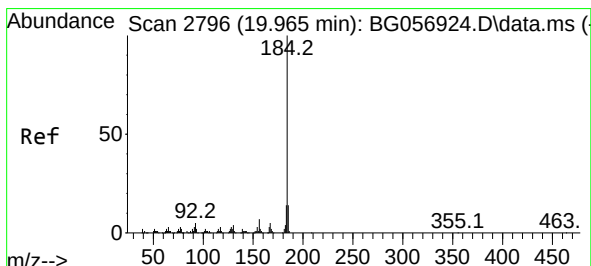
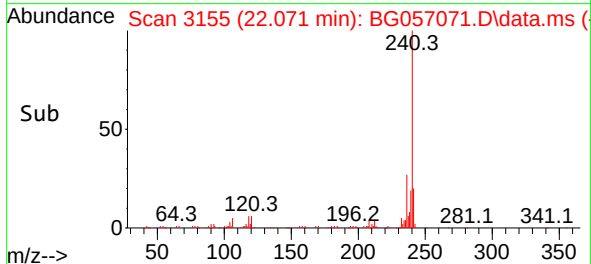
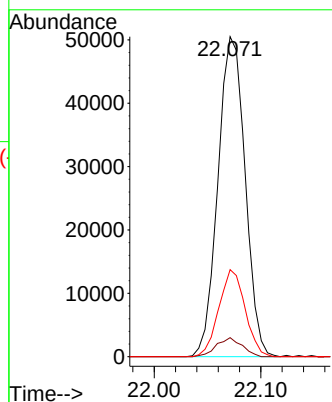
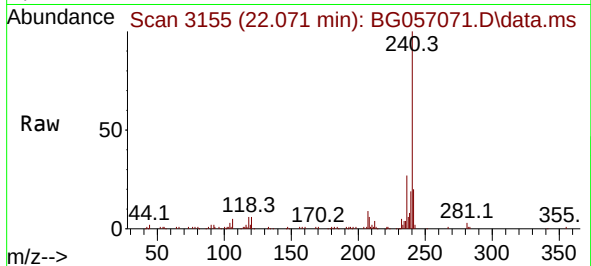




#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.071 min Scan# 3159
Delta R.T. -0.010 min
Lab File: BG057071.D
Acq: 12 Apr 2023 20:06

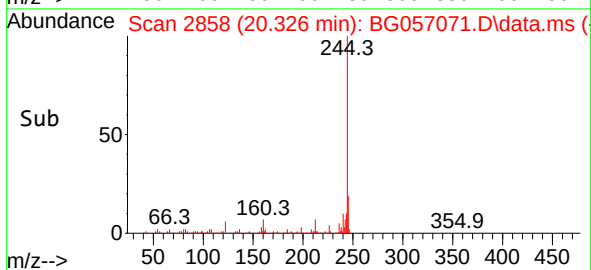
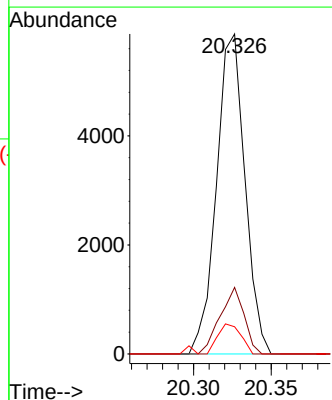
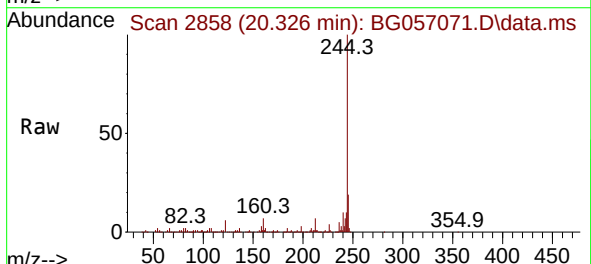
Instrument :
BNA_G
ClientSampleId :
20230328-COMP-6

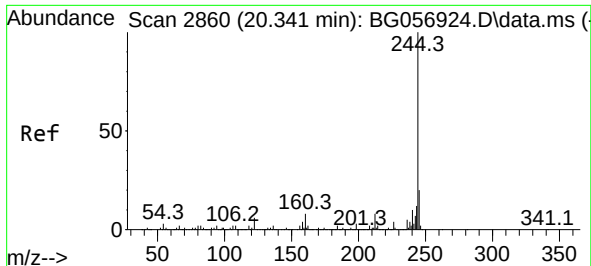
Tgt Ion:240 Resp: 89401
Ion Ratio Lower Upper
240 100
120 6.0 3.8 5.6#
236 27.2 21.0 31.6



#77
Benzidine
Concen: 3.060 ng
RT: 20.326 min Scan# 2858
Delta R.T. 0.372 min
Lab File: BG057071.D
Acq: 12 Apr 2023 20:06

Tgt Ion:184 Resp: 7478
Ion Ratio Lower Upper
184 100
185 20.8 11.0 16.4#
183 8.5 11.4 17.0#

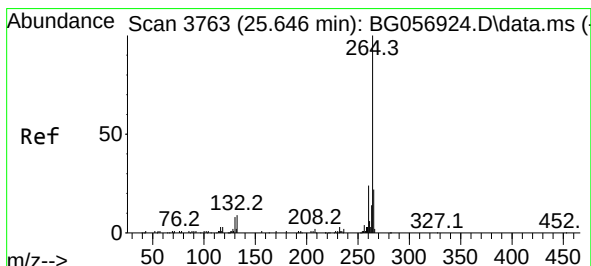
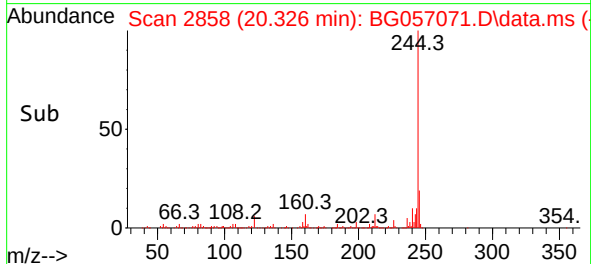
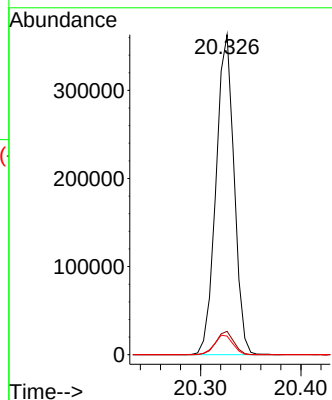
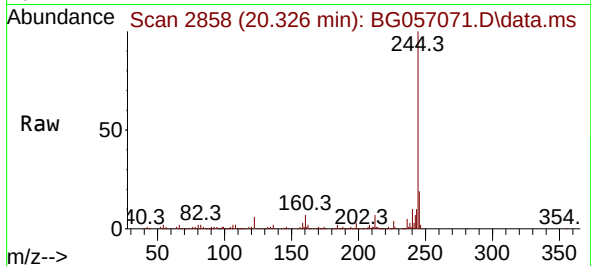




#79
 Terphenyl-d14
 Concen: 85.975 ng
 RT: 20.326 min Scan# 21
 Delta R.T. 0.002 min
 Lab File: BG057071.D
 Acq: 12 Apr 2023 20:06

Instrument :
 BNA_G
 ClientSampleId :
 20230328-COMP-6

Tgt Ion:244 Resp: 454229
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.1 9.1
 122 5.8 5.0 7.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.607 min Scan# 3757
 Delta R.T. -0.004 min
 Lab File: BG057071.D
 Acq: 12 Apr 2023 20:06

Tgt Ion:264 Resp: 95876
 Ion Ratio Lower Upper
 264 100
 260 24.7 19.0 28.4
 265 23.8 17.8 26.6

