

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062223\
 Data File : BG057806.D
 Acq On : 22 Jun 2023 12:21
 Operator : CG/JU
 Sample : 03290-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-3

Quant Time: Jun 22 13:31:08 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 20 03:40:38 2023
 Response via : Initial Calibration

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

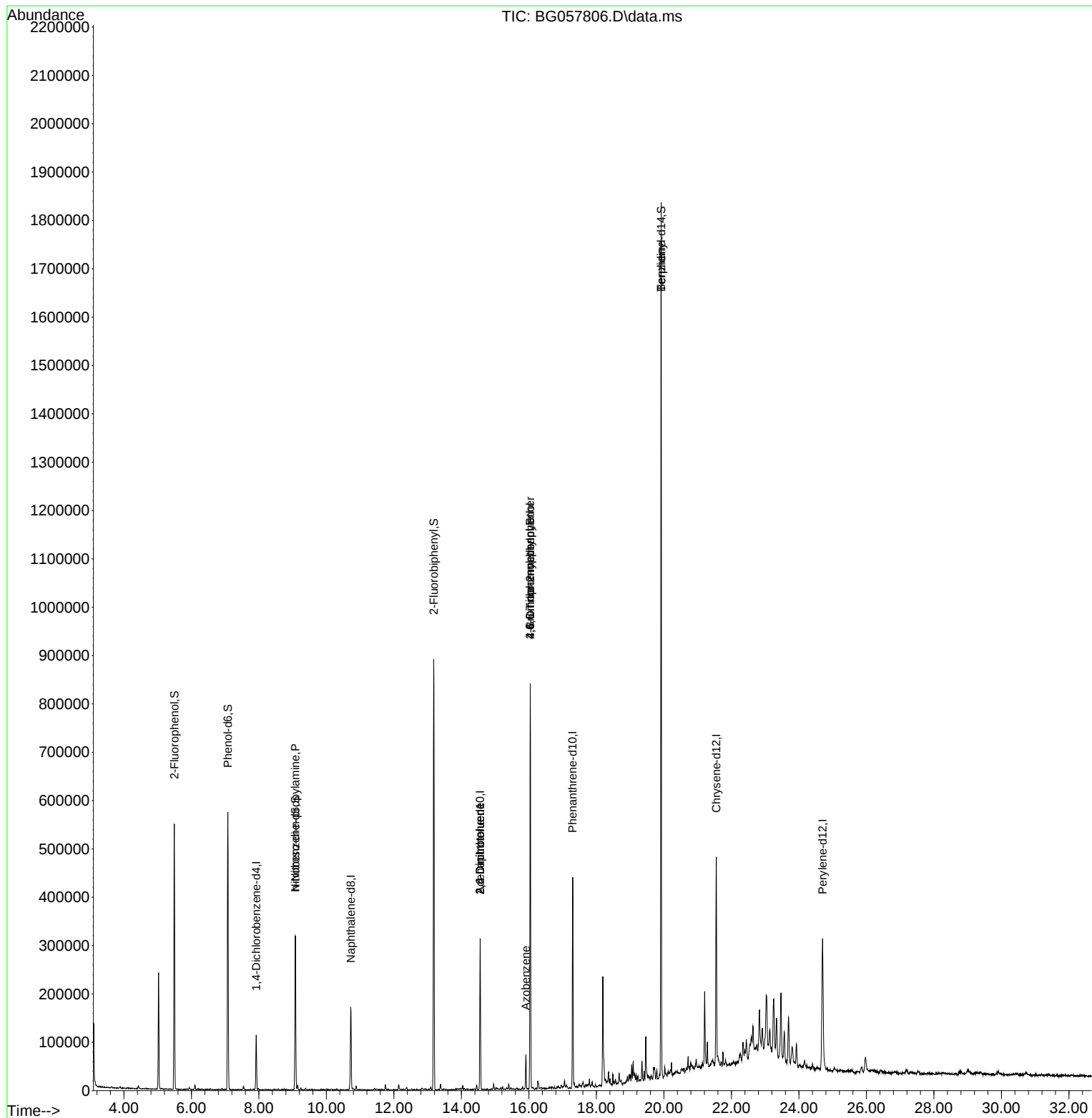
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.920	152	30628	20.000	ng	0.00
21) Naphthalene-d8	10.722	136	142473	20.000	ng	0.00
39) Acenaphthene-d10	14.553	164	106888	20.000	ng	0.00
64) Phenanthrene-d10	17.297	188	273849	20.000	ng	0.00
76) Chrysene-d12	21.551	240	239166	20.000	ng	0.00
86) Perylene-d12	24.700	264	290249	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	224089	112.813	ng	0.00
7) Phenol-d6	7.079	99	338423	111.657	ng	0.00
23) Nitrobenzene-d5	9.083	82	194418	70.036	ng	0.00
42) 2,4,6-Tribromophenol	16.039	330	169737	113.998	ng	0.00
45) 2-Fluorobiphenyl	13.178	172	485521	68.896	ng	0.00
79) Terphenyl-d14	19.917	244	896724	69.913	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.077	70	24211	11.458	ng	# 75
51) 2,6-Dinitrotoluene	14.553	165	14049	9.293	ng	# 19
57) 2,4-Dinitrotoluene	14.553	165	14049	6.853	ng	# 19
63) Azobenzene	15.910	77	19170	2.225	ng	# 1
65) 4,6-Dinitro-2-methylph...	16.039	198	479	5.650	ng	# 15
67) 4-Bromophenyl-phenylether	16.039	248	10739	3.698	ng	# 1
77) Benzidine	19.917	184	11789	2.103	ng	# 93

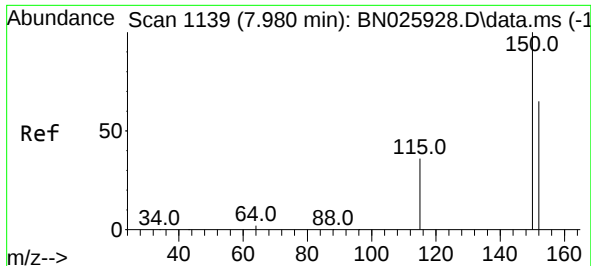
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062223\
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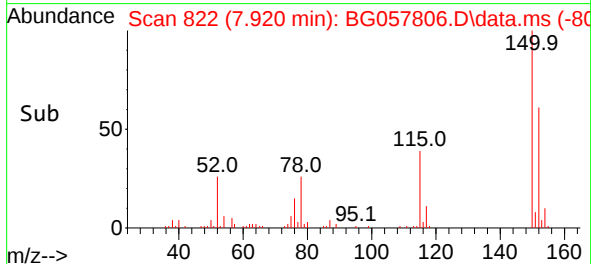
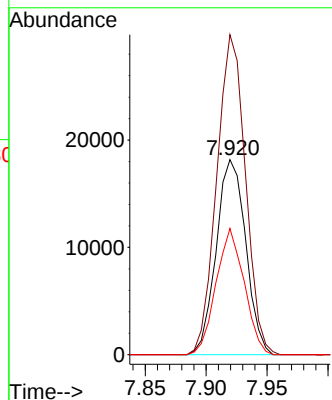
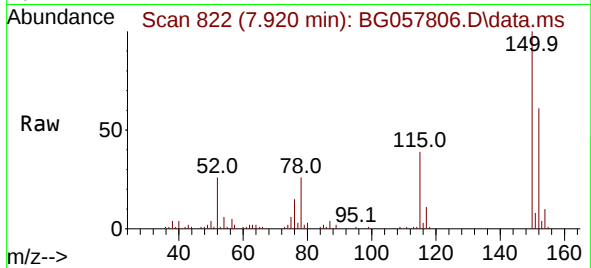




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.920 min Scan# 81
Delta R.T. -0.009 min
Lab File: BG057806.D
Acq: 22 Jun 2023 12:21

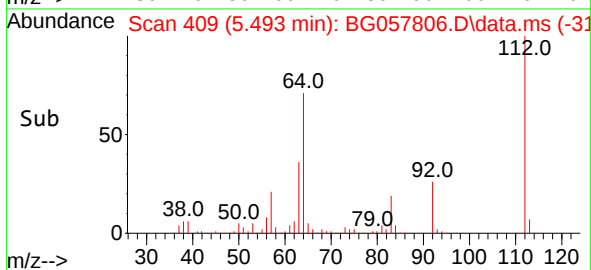
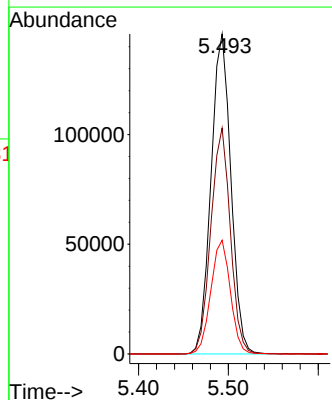
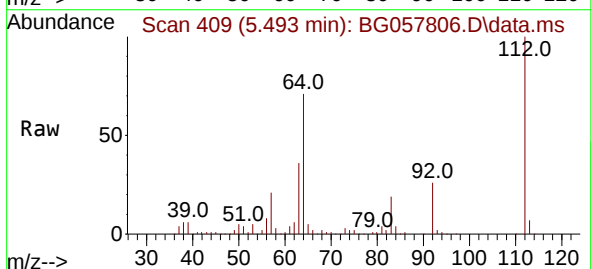
Instrument :
BNA_G
ClientSampleId :
SB-3

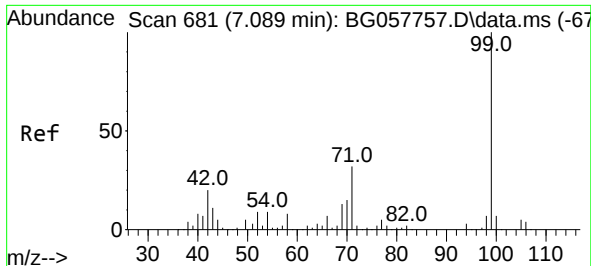
Tgt Ion:152 Resp: 30628
Ion Ratio Lower Upper
152 100
150 164.1 126.6 189.8
115 64.8 48.9 73.3



#5
2-Fluorophenol
Concen: 112.813 ng
RT: 5.493 min Scan# 409
Delta R.T. -0.004 min
Lab File: BG057806.D
Acq: 22 Jun 2023 12:21

Tgt Ion:112 Resp: 224089
Ion Ratio Lower Upper
112 100
64 70.6 62.1 93.1
63 35.6 31.5 47.3

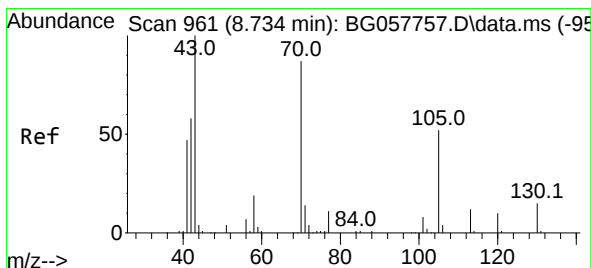
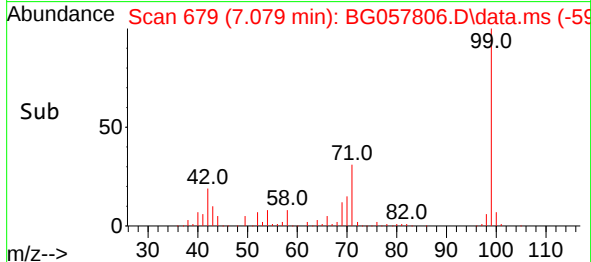
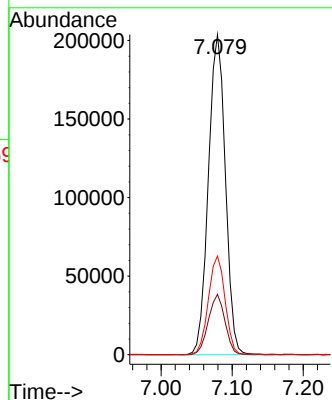
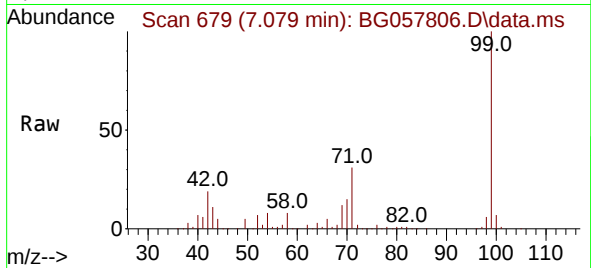




#7
Phenol-d6
Concen: 111.657 ng
RT: 7.079 min Scan# 61
Delta R.T. -0.010 min
Lab File: BG057806.D
Acq: 22 Jun 2023 12:21

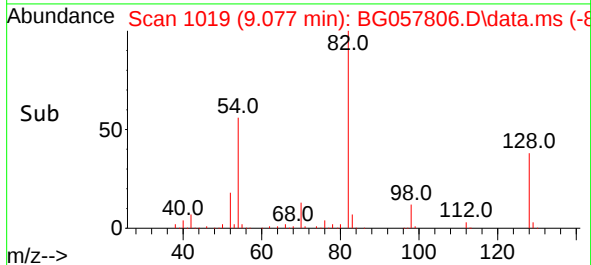
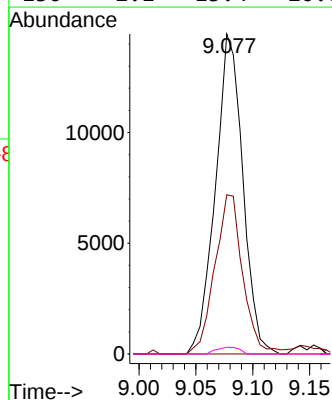
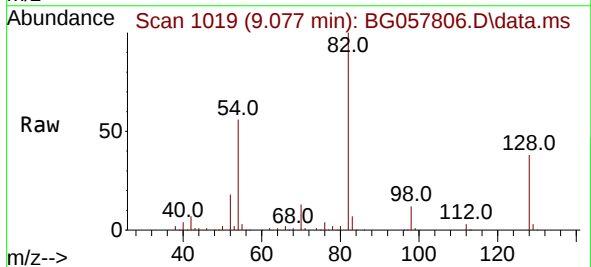
Instrument :
BNA_G
ClientSampleId :
SB-3

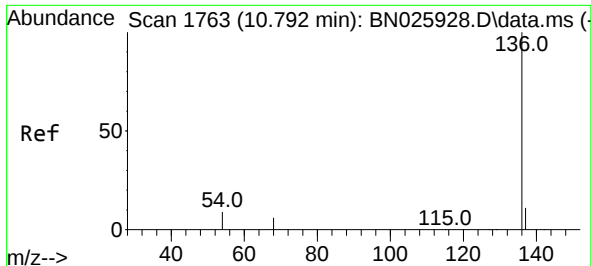
Tgt Ion: 99 Resp: 338423
Ion Ratio Lower Upper
99 100
42 18.9 16.4 24.6
71 30.8 25.8 38.6



#19
n-Nitroso-di-n-propylamine
Concen: 11.458 ng
RT: 9.077 min Scan# 1019
Delta R.T. 0.343 min
Lab File: BG057806.D
Acq: 22 Jun 2023 12:21

Tgt Ion: 70 Resp: 24211
Ion Ratio Lower Upper
70 100
42 49.8 54.2 81.2#
101 0.0 7.4 11.0#
130 2.1 13.4 20.0#

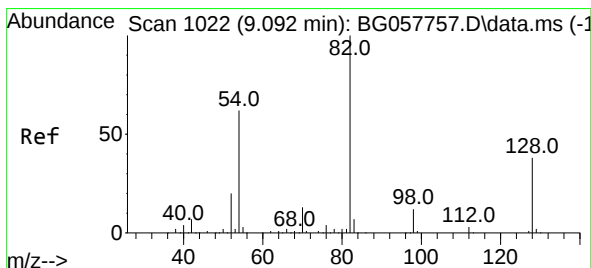
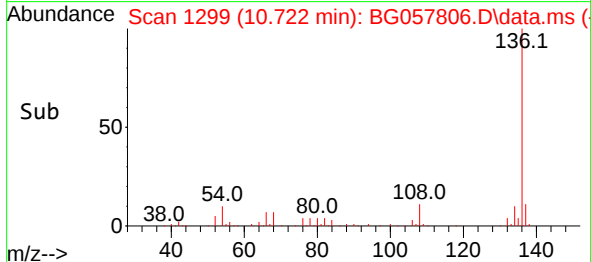
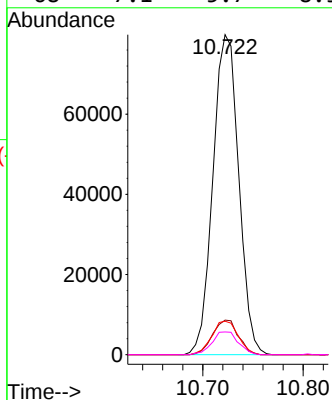
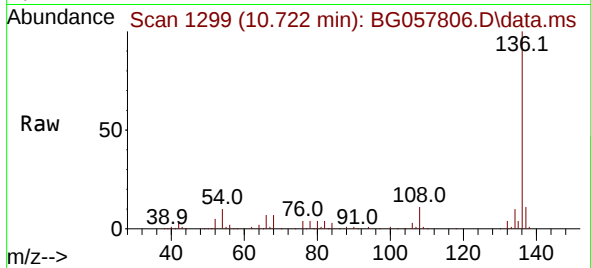




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.722 min Scan# 11
Delta R.T. -0.010 min
Lab File: BG057806.D
Acq: 22 Jun 2023 12:21

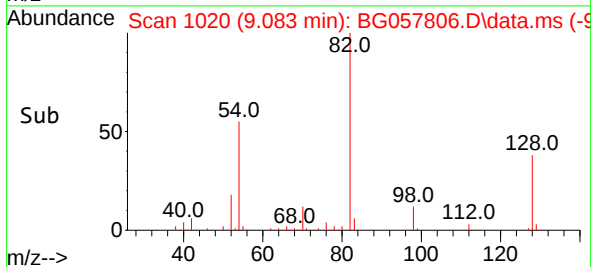
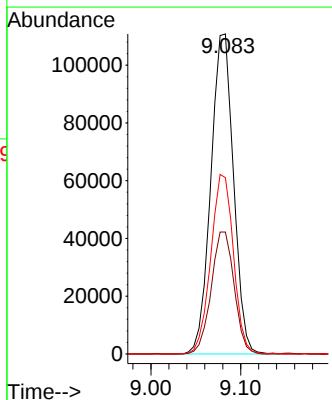
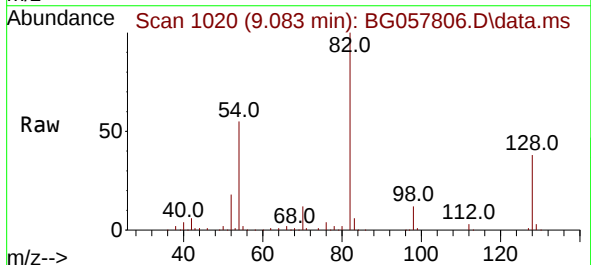
Instrument :
BNA_G
ClientSampleId :
SB-3

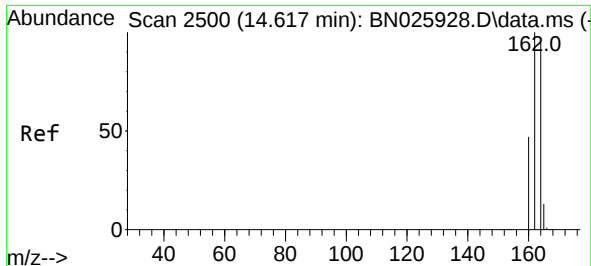
Tgt Ion:	136	Resp:	142473
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.5	12.7
54	10.4	9.5	14.3
68	7.1	5.7	8.5



#23
Nitrobenzene-d5
Concen: 70.036 ng
RT: 9.083 min Scan# 1020
Delta R.T. -0.010 min
Lab File: BG057806.D
Acq: 22 Jun 2023 12:21

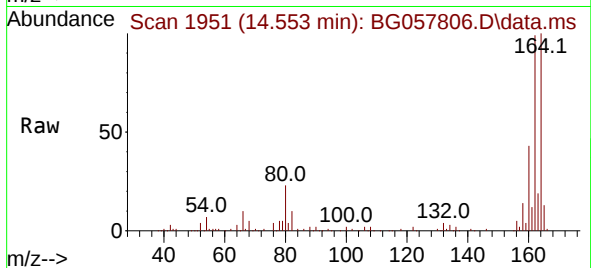
Tgt Ion:	82	Resp:	194418
Ion	Ratio	Lower	Upper
82	100		
128	38.1	30.7	46.1
54	55.1	49.6	74.4



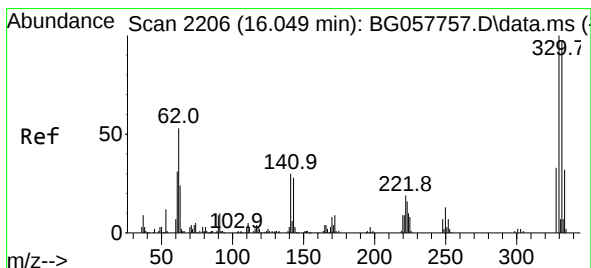
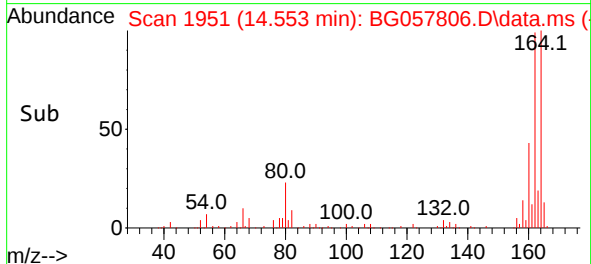
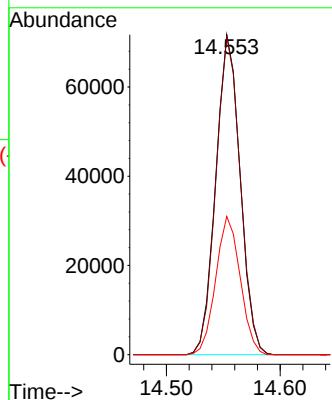


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.553 min Scan# 1951
Delta R.T. -0.010 min
Lab File: BG057806.D
Acq: 22 Jun 2023 12:21

Instrument :
BNA_G
ClientSampleId :
SB-3

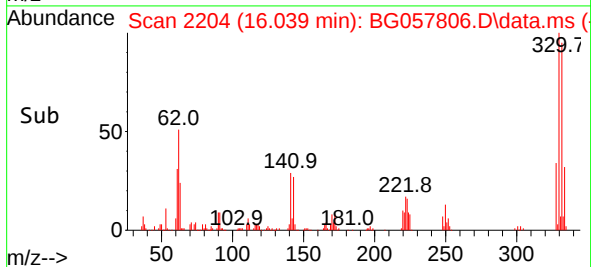
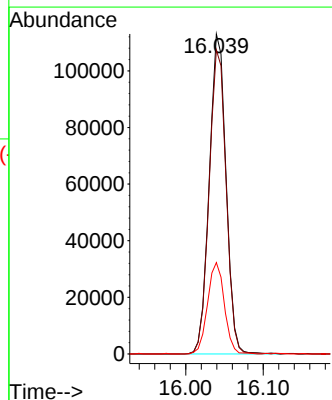
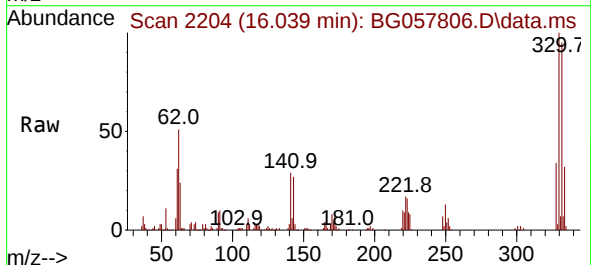


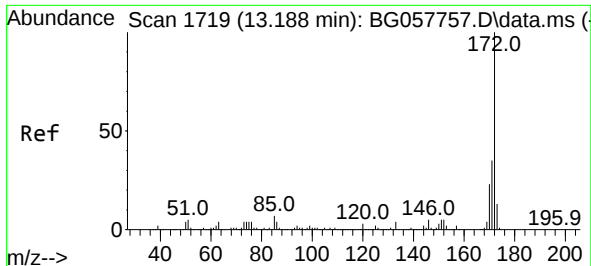
Tgt Ion:164 Resp: 106888
Ion Ratio Lower Upper
164 100
162 99.4 78.3 117.5
160 43.2 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 113.998 ng
RT: 16.039 min Scan# 2204
Delta R.T. -0.010 min
Lab File: BG057806.D
Acq: 22 Jun 2023 12:21

Tgt Ion:330 Resp: 169737
Ion Ratio Lower Upper
330 100
332 96.2 76.6 115.0
141 28.6 24.7 37.1

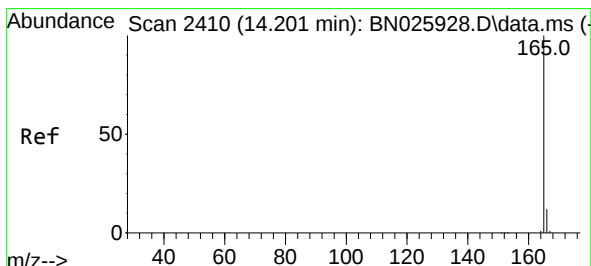
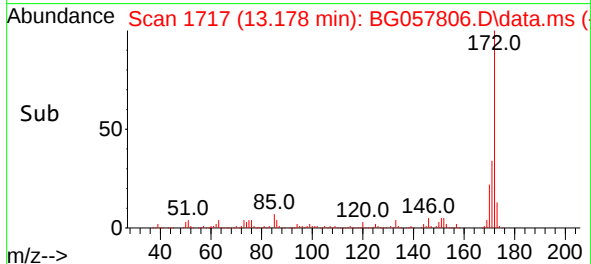
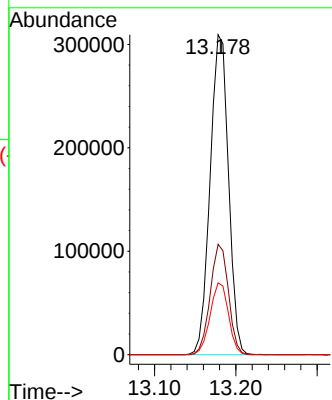
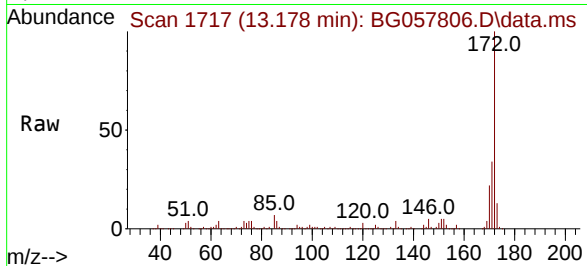




#45
2-Fluorobiphenyl
Concen: 68.896 ng
RT: 13.178 min Scan# 1719
Delta R.T. -0.010 min
Lab File: BG057806.D
Acq: 22 Jun 2023 12:21

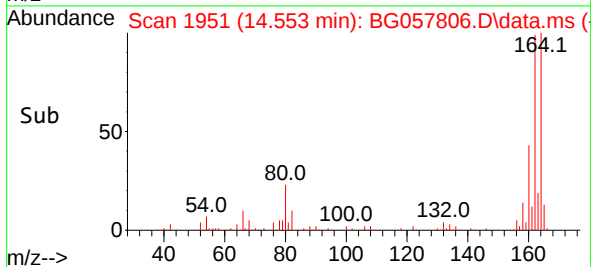
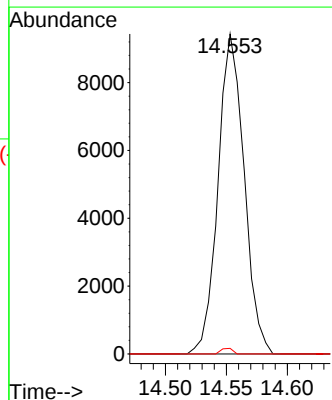
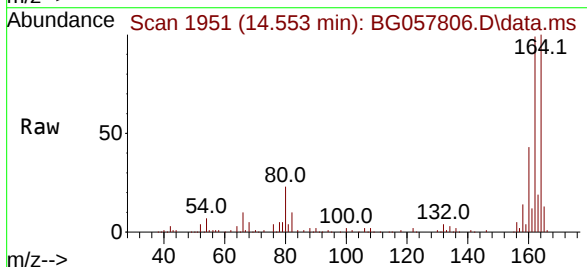
Instrument :
BNA_G
ClientSampleId :
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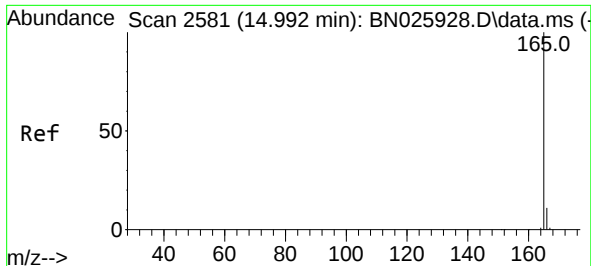
Tgt Ion:172 Resp: 485521
Ion Ratio Lower Upper
172 100
171 34.5 28.1 42.1
170 22.5 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 9.293 ng
RT: 14.553 min Scan# 1951
Delta R.T. 0.419 min
Lab File: BG057806.D
Acq: 22 Jun 2023 12:21

Tgt Ion:165 Resp: 14049
Ion Ratio Lower Upper
165 100
63 0.0 52.8 79.2#
89 1.8 50.7 76.1#





#57

2,4-Dinitrotoluene

Concen: 6.853 ng

RT: 14.553 min Scan# 1951

Delta R.T. -0.368 min

Lab File: BG057806.D

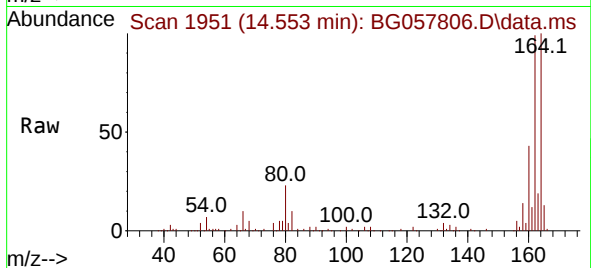
Acq: 22 Jun 2023 12:21

Instrument :

BNA_G

ClientSampleId :

SB-3



Tgt Ion:165 Resp: 14049

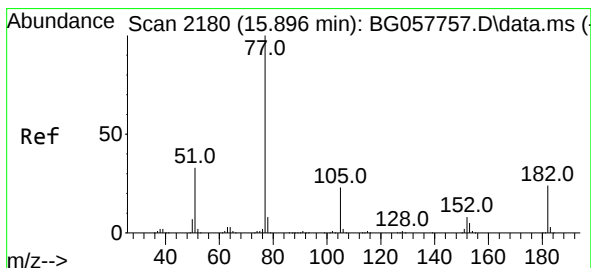
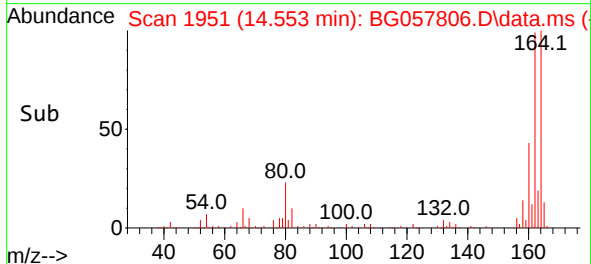
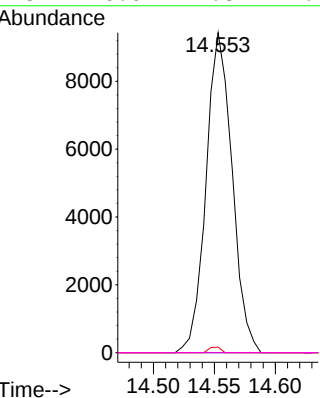
Ion Ratio Lower Upper

165 100

63 0.0 38.6 58.0#

89 1.8 63.7 95.5#

182 0.0 1.8 2.6#



#63

Azobenzene

Concen: 2.225 ng

RT: 15.910 min Scan# 2182

Delta R.T. 0.014 min

Lab File: BG057806.D

Acq: 22 Jun 2023 12:21

Tgt Ion: 77 Resp: 19170

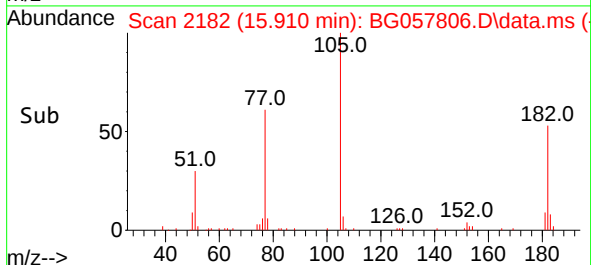
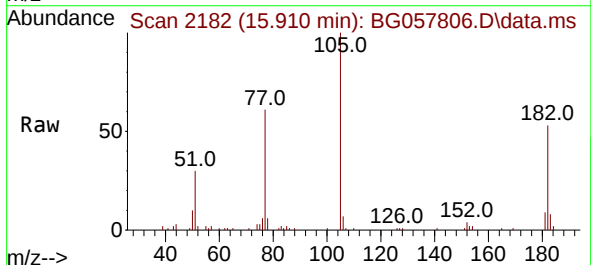
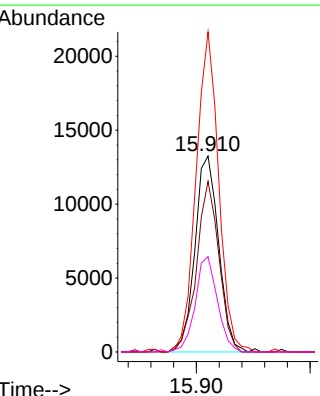
Ion Ratio Lower Upper

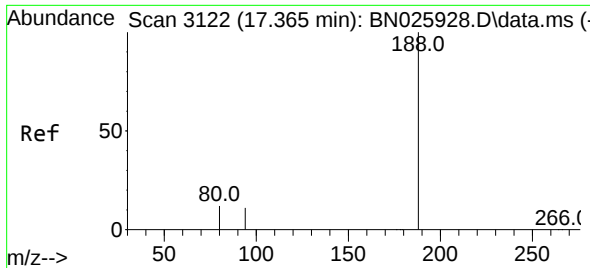
77 100

182 87.1 4.1 44.1#

105 163.4 3.3 43.3#

51 48.7 13.4 53.4

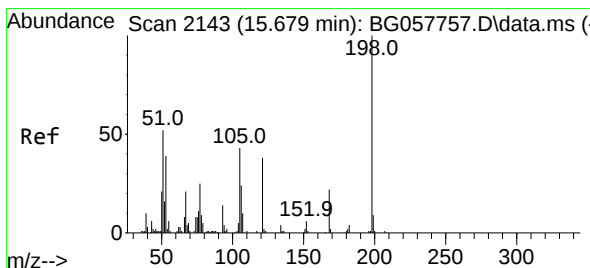
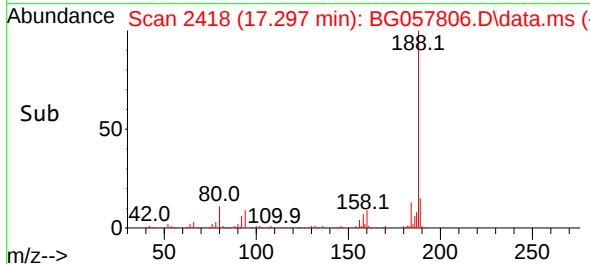
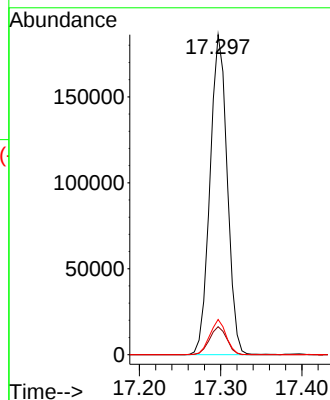
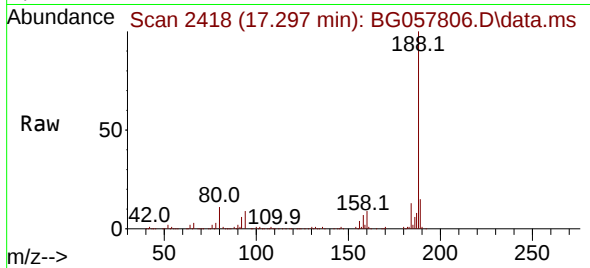




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.297 min Scan# 2418
Delta R.T. -0.010 min
Lab File: BG057806.D
Acq: 22 Jun 2023 12:21

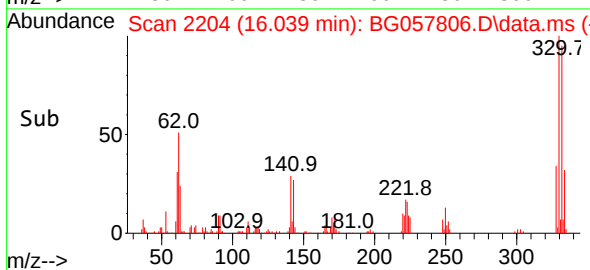
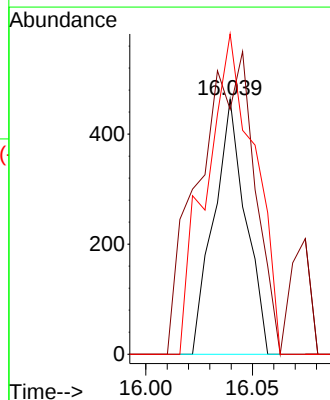
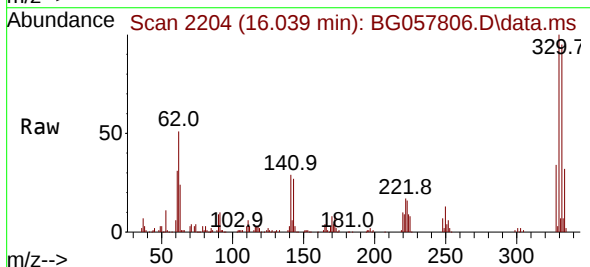
Instrument :
BNA_G
ClientSampleId :
SB-3

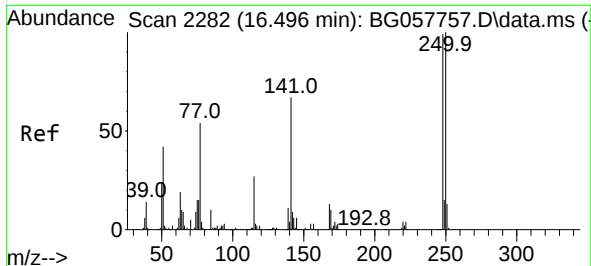
Tgt Ion:188 Resp: 273849
Ion Ratio Lower Upper
188 100
94 8.7 6.6 9.8
80 11.0 7.6 11.4



#65
4,6-Dinitro-2-methylphenol
Concen: 5.650 ng
RT: 16.039 min Scan# 2204
Delta R.T. 0.360 min
Lab File: BG057806.D
Acq: 22 Jun 2023 12:21

Tgt Ion:198 Resp: 479
Ion Ratio Lower Upper
198 100
51 96.1 36.6 76.6#
105 125.7 24.3 64.3#

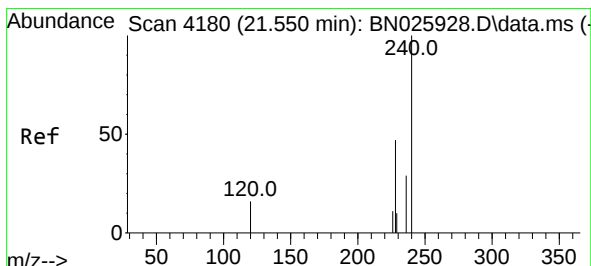
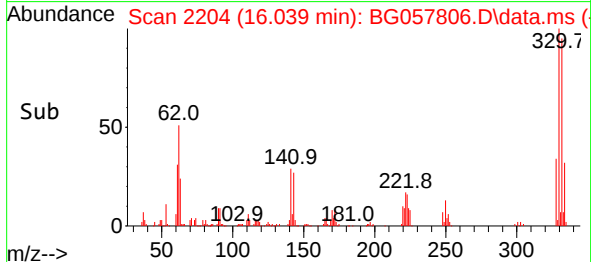
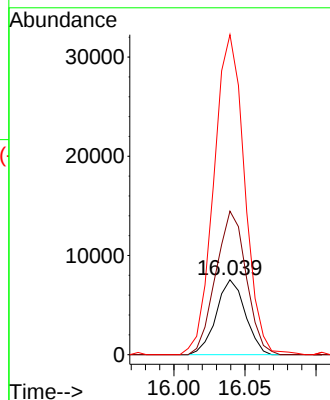
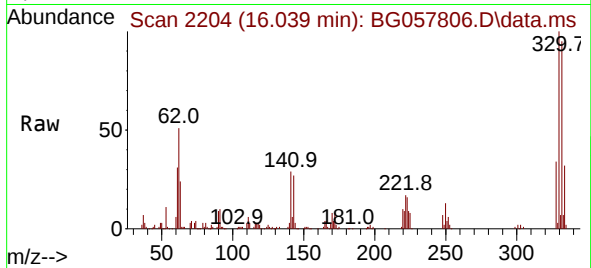




#67
4-Bromophenyl-phenylether
Concen: 3.698 ng
RT: 16.039 min Scan# 21
Delta R.T. -0.456 min
Lab File: BG057806.D
Acq: 22 Jun 2023 12:21

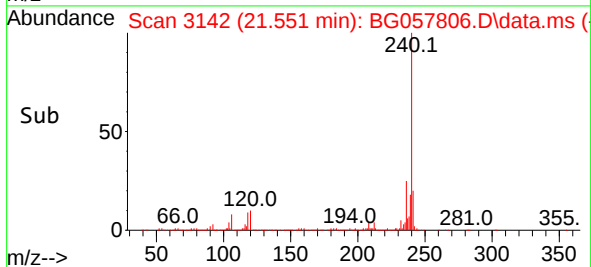
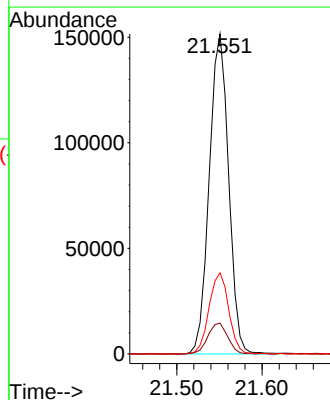
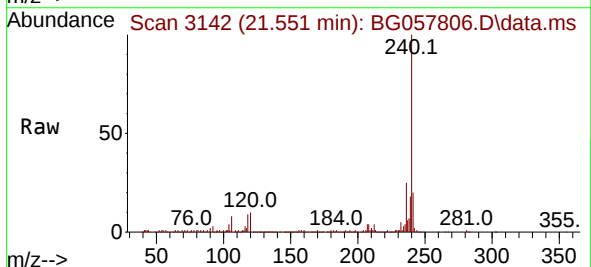
Instrument :
BNA_G
ClientSampleId :
SB-3

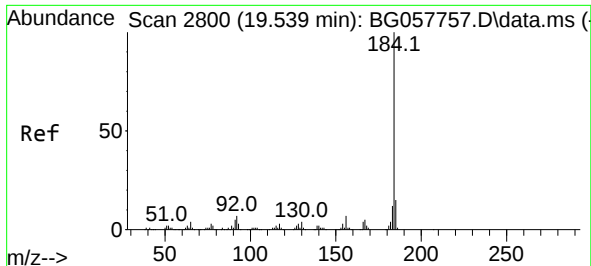
Tgt Ion:248 Resp: 10739
Ion Ratio Lower Upper
248 100
250 191.4 81.1 121.7#
141 426.8 54.6 81.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.551 min Scan# 3142
Delta R.T. -0.010 min
Lab File: BG057806.D
Acq: 22 Jun 2023 12:21

Tgt Ion:240 Resp: 239166
Ion Ratio Lower Upper
240 100
120 9.6 8.1 12.1
236 25.3 20.6 30.8

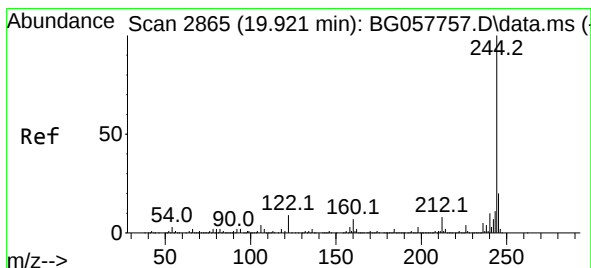
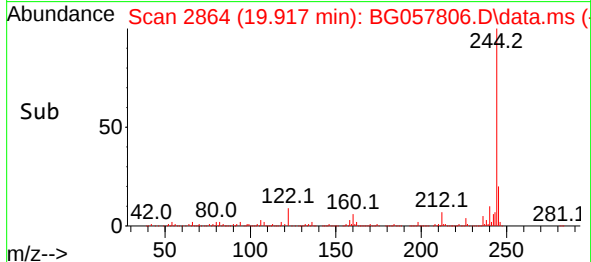
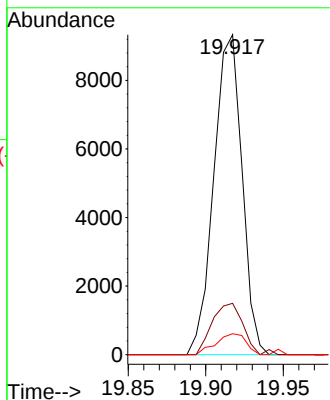
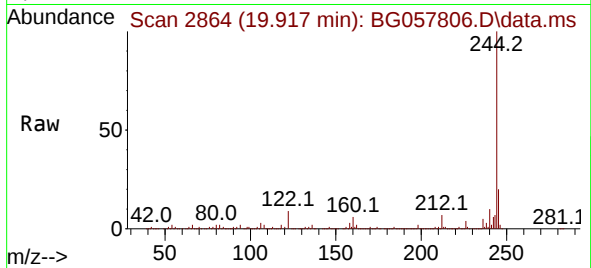




#77
Benzidine
Concen: 2.103 ng
RT: 19.917 min Scan# 21
Delta R.T. 0.378 min
Lab File: BG057806.D
Acq: 22 Jun 2023 12:21

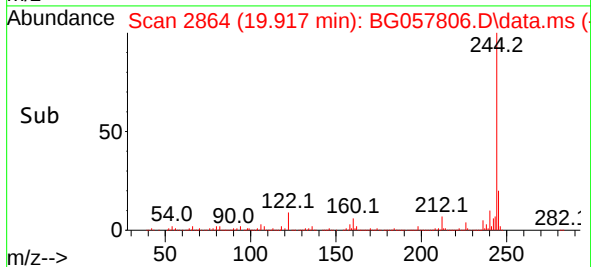
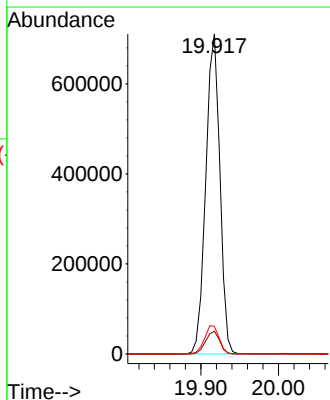
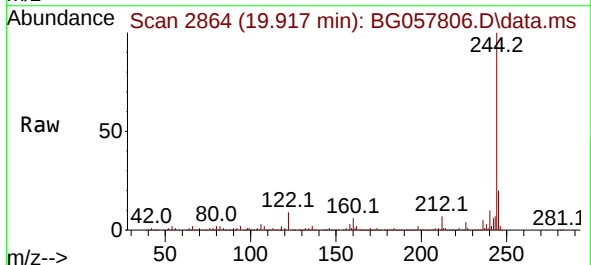
Instrument :
BNA_G
ClientSampleId :
SB-3

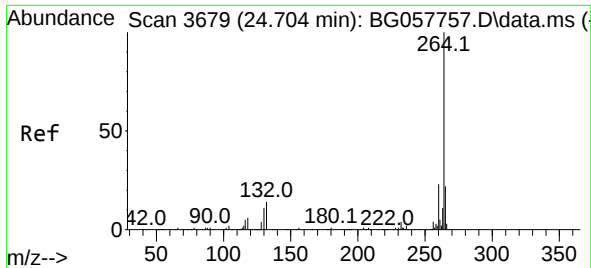
Tgt Ion:184 Resp: 11789
Ion Ratio Lower Upper
184 100
185 16.0 12.0 18.0
183 6.6 9.4 14.0#



#79
Terphenyl-d14
Concen: 69.913 ng
RT: 19.917 min Scan# 2864
Delta R.T. -0.004 min
Lab File: BG057806.D
Acq: 22 Jun 2023 12:21

Tgt Ion:244 Resp: 896724
Ion Ratio Lower Upper
244 100
212 7.1 6.1 9.1
122 8.7 7.6 11.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.700 min Scan# 30
 Delta R.T. -0.004 min
 Lab File: BG057806.D
 Acq: 22 Jun 2023 12:21

Instrument :
 BNA_G
 ClientSampleId :
 SB-3

Tgt Ion:264 Resp: 290249
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.5 27.7
 265 22.0 17.4 26.2

