

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122223\
 Data File : BG060139.D
 Acq On : 22 Dec 2023 15:30
 Operator : MA/JU
 Sample : 05900-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GHL-SS-57

Quant Time: Dec 22 16:44:35 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 22 03:42:04 2023
 Response via : Initial Calibration

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

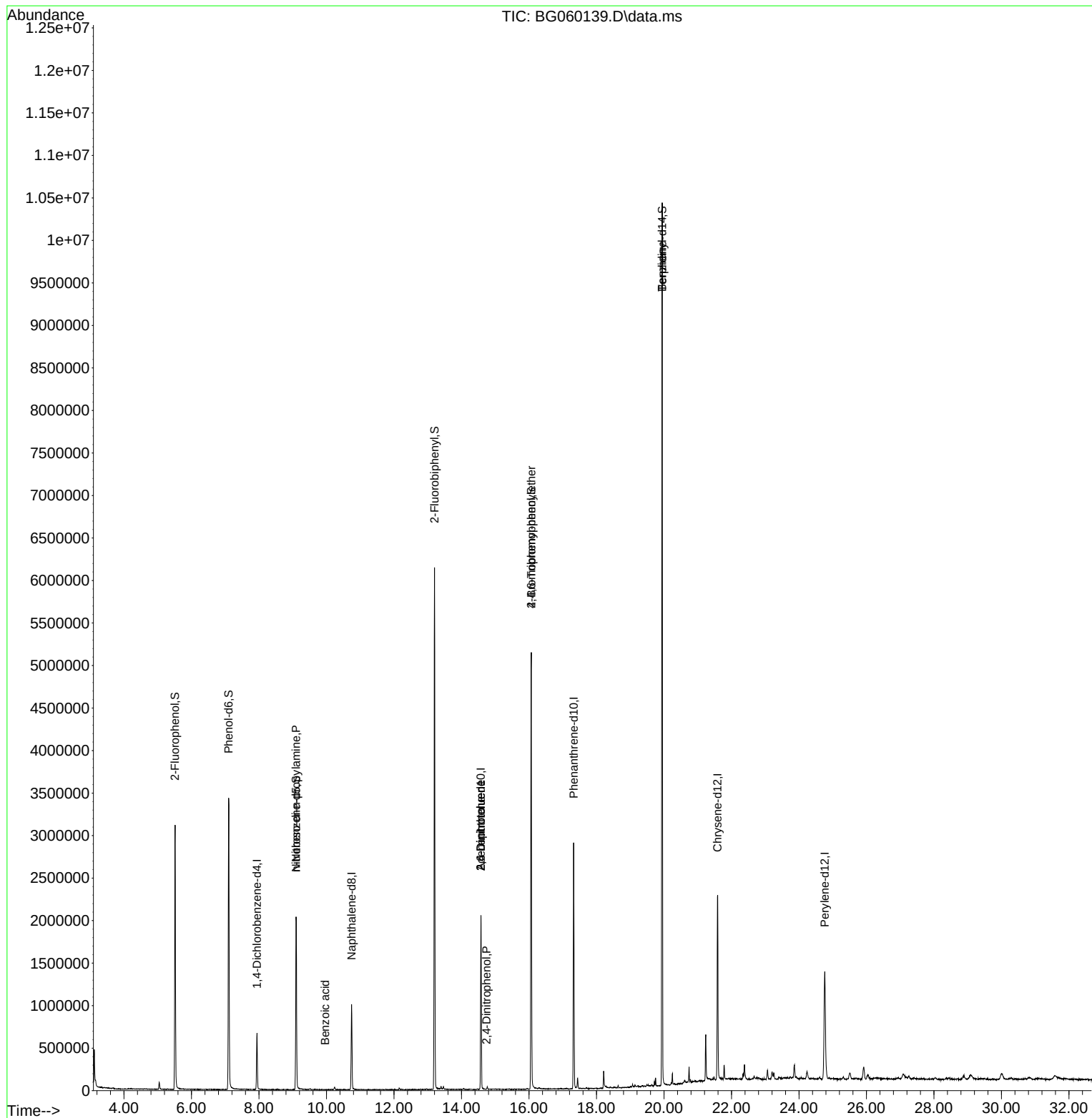
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.942	152	198478	20.000	ng	# 0.00
21) Naphthalene-d8	10.744	136	873254	20.000	ng	0.00
39) Acenaphthene-d10	14.575	164	734260	20.000	ng	0.00
64) Phenanthrene-d10	17.325	188	1870920	20.000	ng	0.00
76) Chrysene-d12	21.585	240	1282581	20.000	ng	-0.01
86) Perylene-d12	24.763	264	1369989	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.515	112	1472659	116.914	ng	0.00
7) Phenol-d6	7.102	99	2201757	103.863	ng	0.00
23) Nitrobenzene-d5	9.099	82	1352509	75.872	ng	0.00
42) 2,4,6-Tribromophenol	16.068	330	1024685	103.648	ng	0.00
45) 2-Fluorobiphenyl	13.200	172	3289077	67.261	ng	0.00
79) Terphenyl-d14	19.945	244	4750974	67.029	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.099	70	168203	10.204	ng	# 75
32) Benzoic acid	9.957	122	111	5.097	ng	# 1
51) 2,6-Dinitrotoluene	14.575	165	94848	7.342	ng	# 25
54) 2,4-Dinitrophenol	14.746	184	59	6.625	ng	# 1
57) 2,4-Dinitrotoluene	14.575	165	94848	5.002	ng	# 25
67) 4-Bromophenyl-phenylether	16.068	248	65222	3.700	ng	# 1
77) Benzidine	19.945	184	83144	2.398	ng	# 94

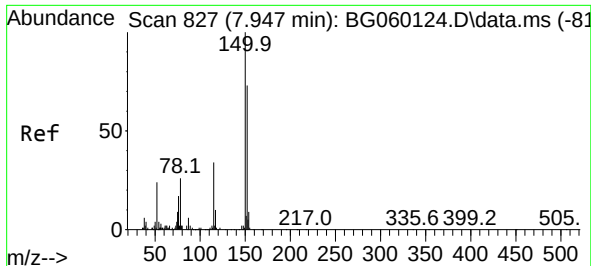
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122223\
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GHL-SS-57

Quant Time: Dec 22 16:44:35 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 22 03:42:04 2023
Response via : Initial Calibration

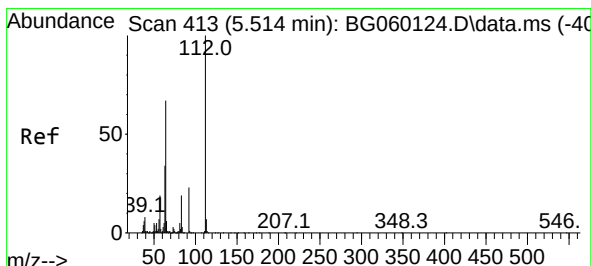
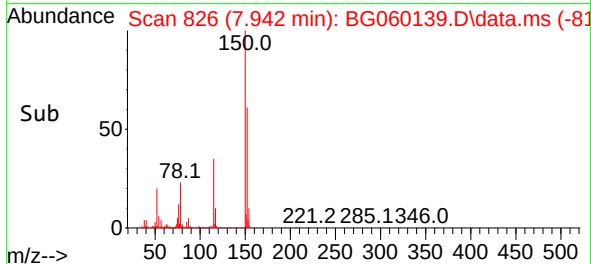
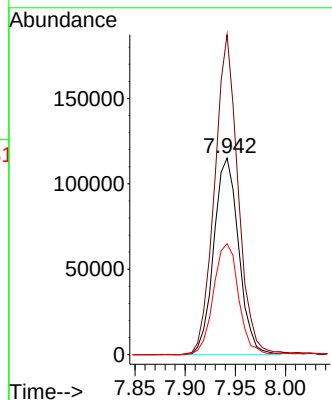
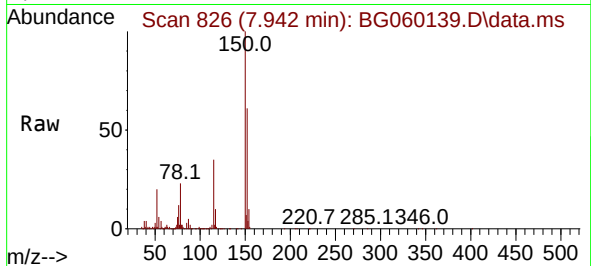




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.942 min Scan# 81
Delta R.T. -0.005 min
Lab File: BG060139.D
Acq: 22 Dec 2023 15:30

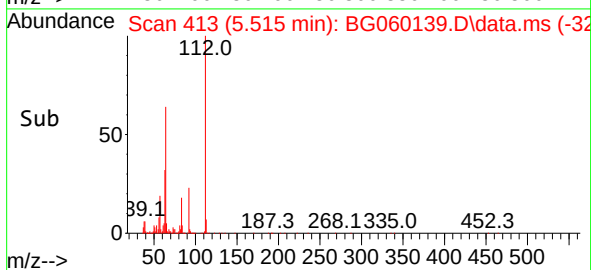
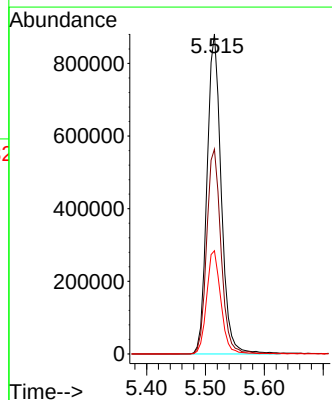
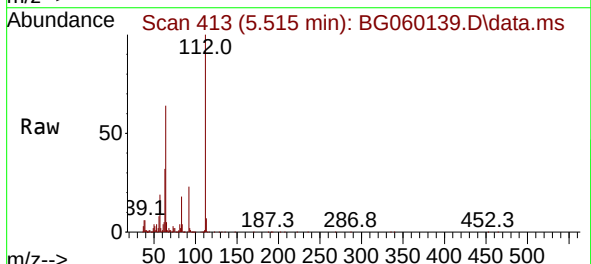
Instrument :
BNA_G
ClientSampleId :
GHL-SS-57

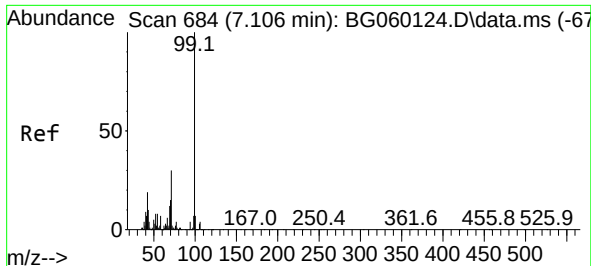
Tgt Ion:152 Resp: 198478
Ion Ratio Lower Upper
152 100
150 162.8 109.4 164.0
115 56.4 36.5 54.7#



#5
2-Fluorophenol
Concen: 116.914 ng
RT: 5.515 min Scan# 413
Delta R.T. 0.001 min
Lab File: BG060139.D
Acq: 22 Dec 2023 15:30

Tgt Ion:112 Resp: 1472659
Ion Ratio Lower Upper
112 100
64 64.0 53.3 79.9
63 32.3 27.1 40.7

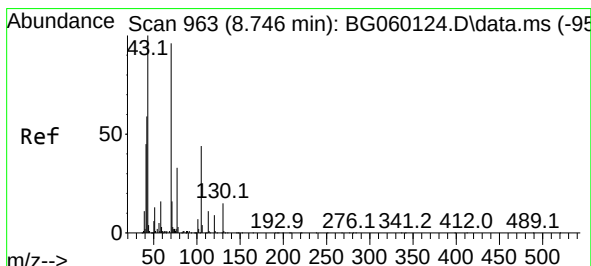
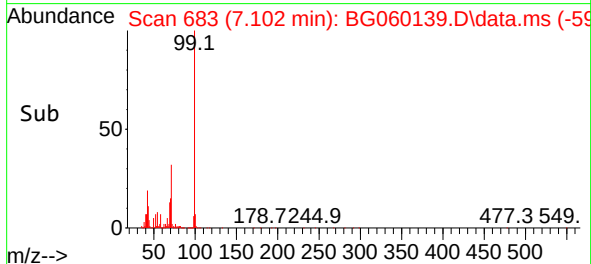
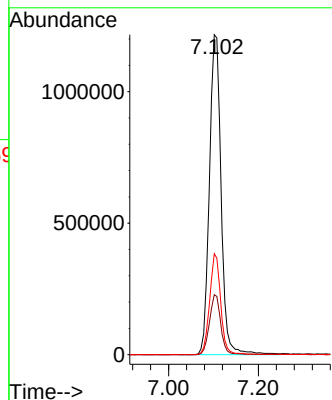
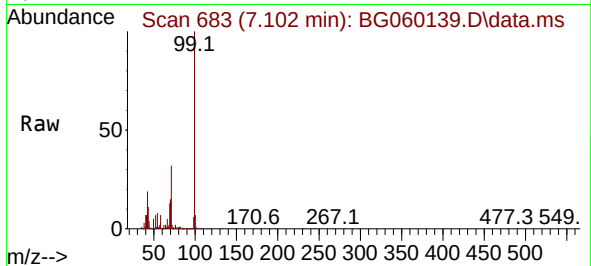




#7
Phenol-d6
Concen: 103.863 ng
RT: 7.102 min Scan# 61
Delta R.T. -0.005 min
Lab File: BG060139.D
Acq: 22 Dec 2023 15:30

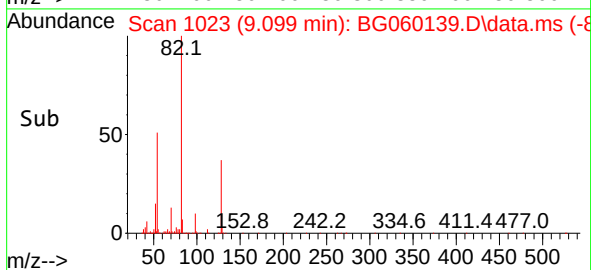
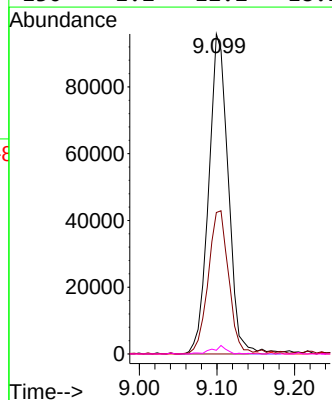
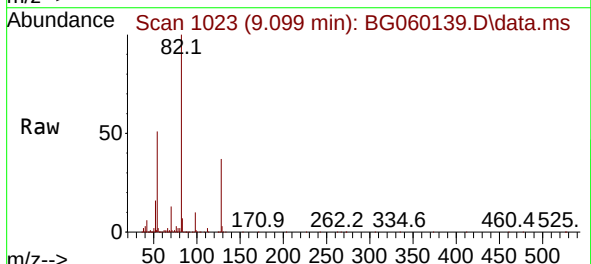
Instrument :
BNA_G
ClientSampleId :
GHL-SS-57

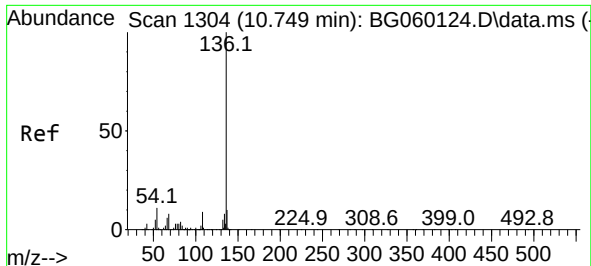
Tgt Ion: 99 Resp: 2201757
Ion Ratio Lower Upper
99 100
42 18.8 15.2 22.8
71 31.5 24.2 36.2



#19
n-Nitroso-di-n-propylamine
Concen: 10.204 ng
RT: 9.099 min Scan# 1023
Delta R.T. 0.354 min
Lab File: BG060139.D
Acq: 22 Dec 2023 15:30

Tgt Ion: 70 Resp: 168203
Ion Ratio Lower Upper
70 100
42 44.2 49.6 74.4#
101 0.0 6.2 9.4#
130 1.2 12.2 18.2#

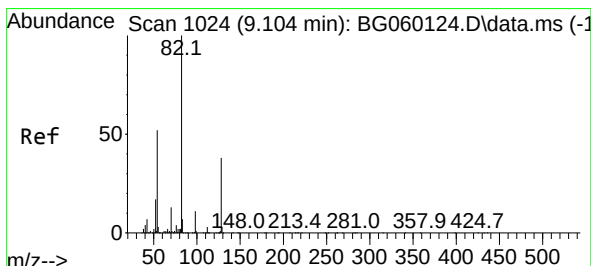
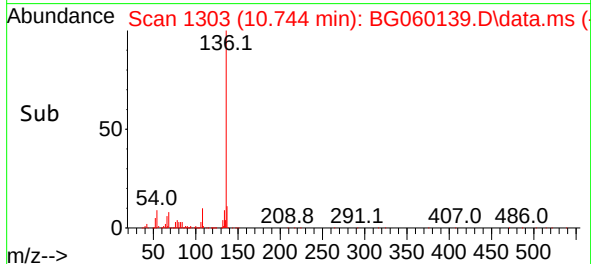
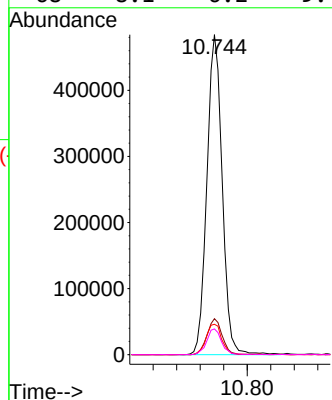
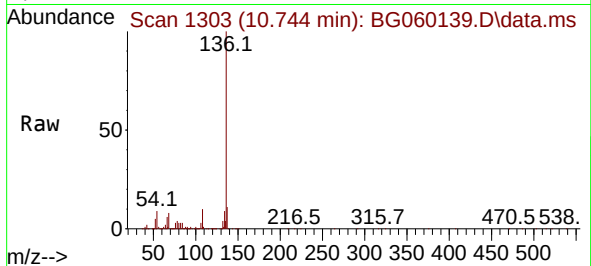




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.744 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG060139.D
Acq: 22 Dec 2023 15:30

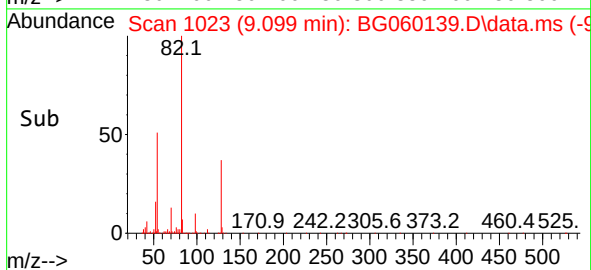
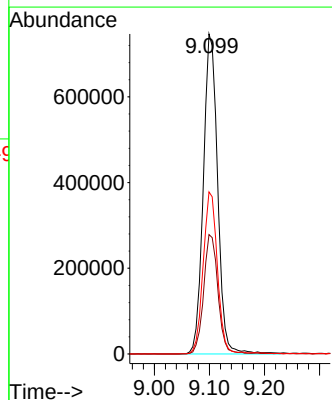
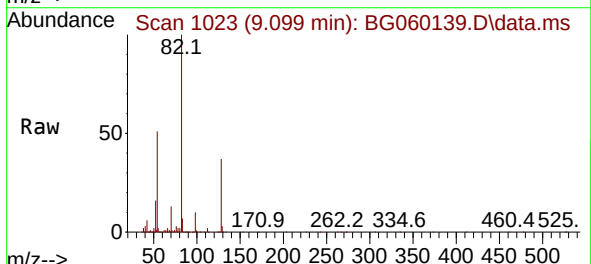
Instrument :
BNA_G
ClientSampleId :
GHL-SS-57

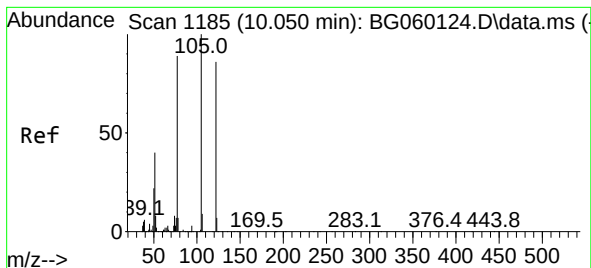
Tgt Ion:136	Resp: 873254
Ion Ratio	Lower Upper
136 100	
137 11.2	8.1 12.1
54 9.5	8.7 13.1
68 8.1	6.2 9.4



#23
Nitrobenzene-d5
Concen: 75.872 ng
RT: 9.099 min Scan# 1023
Delta R.T. -0.005 min
Lab File: BG060139.D
Acq: 22 Dec 2023 15:30

Tgt Ion: 82		Resp: 1352509	
Ion	Ratio	Lower	Upper
82	100		
128	37.3	30.5	45.7
54	50.7	41.9	62.9





#32

Benzoic acid

Concen: 5.097 ng

RT: 9.957 min Scan# 1185

Delta R.T. -0.093 min

Lab File: BG060139.D

Acq: 22 Dec 2023 15:30

Instrument :

BNA_G

ClientSampleId :

GHL-SS-57

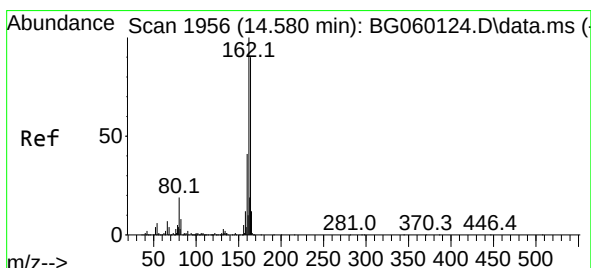
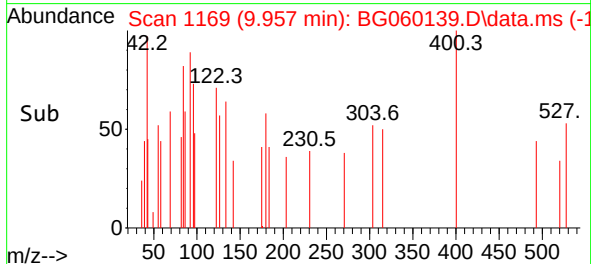
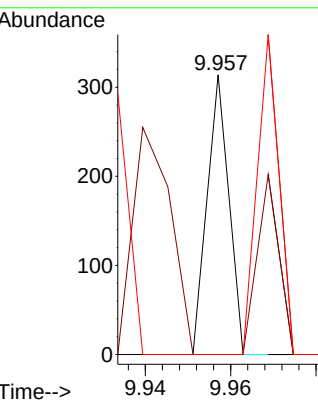
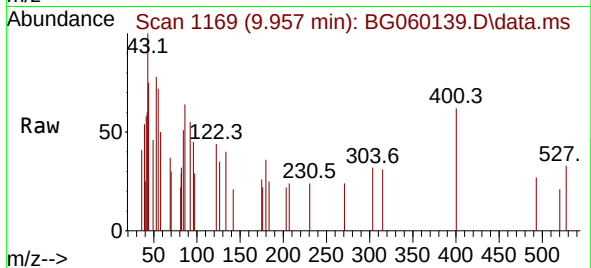
Tgt Ion:122 Resp: 111

Ion Ratio Lower Upper

122 100

105 0.0 93.2 133.2#

77 0.0 81.7 121.7#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.575 min Scan# 1955

Delta R.T. -0.005 min

Lab File: BG060139.D

Acq: 22 Dec 2023 15:30

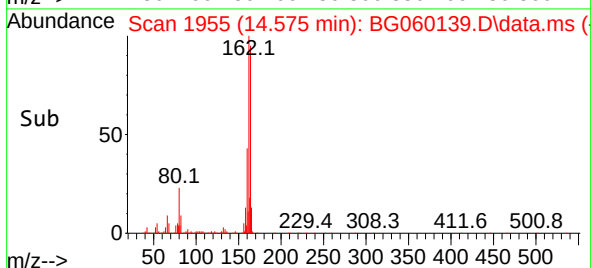
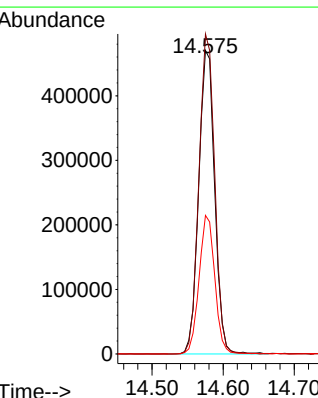
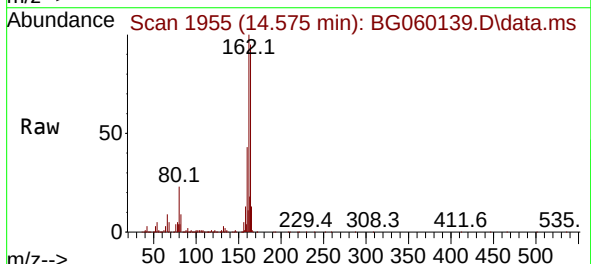
Tgt Ion:164 Resp: 734260

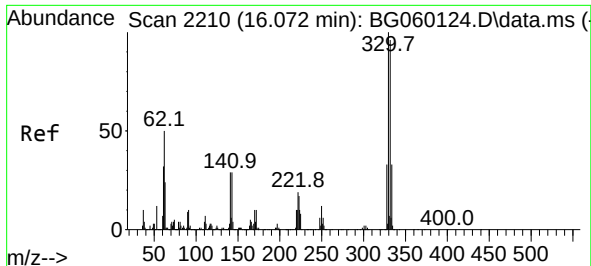
Ion Ratio Lower Upper

164 100

162 105.4 88.5 132.7

160 45.7 36.2 54.2

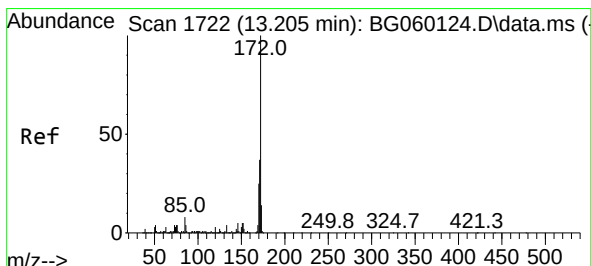
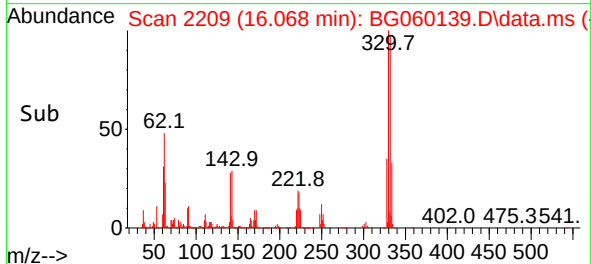
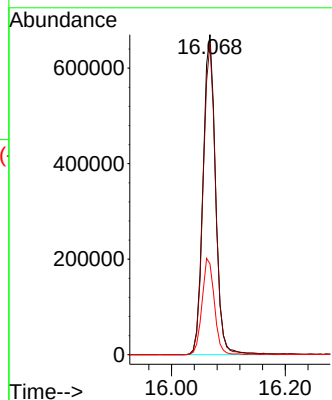
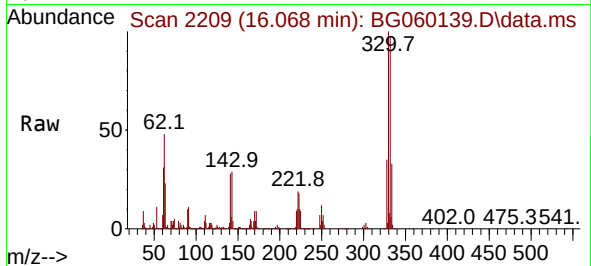




#42
2,4,6-Tribromophenol
Concen: 103.648 ng
RT: 16.068 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG060139.D
Acq: 22 Dec 2023 15:30

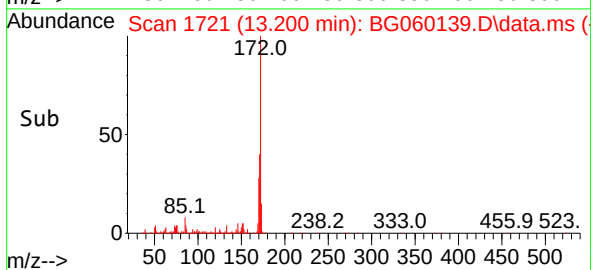
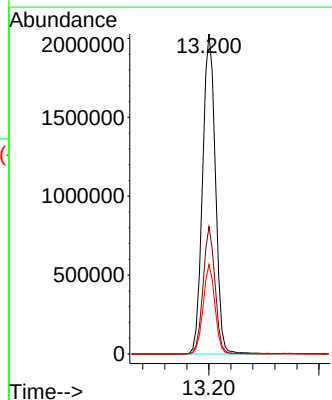
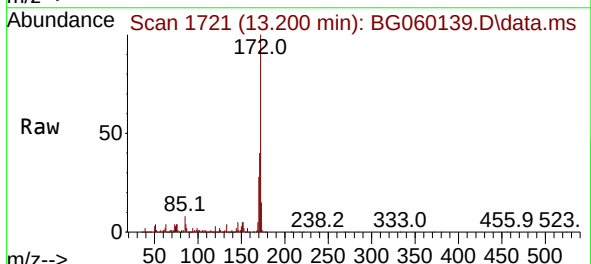
Instrument :
BNA_G
ClientSampleId :
GHL-SS-57

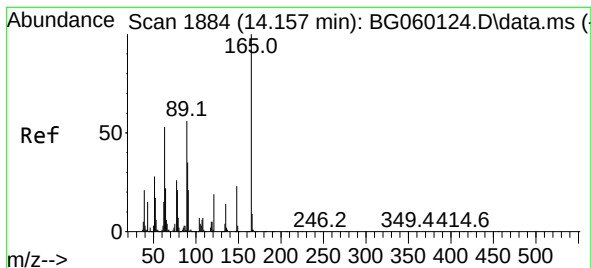
Tgt Ion:330 Resp: 1024685
Ion Ratio Lower Upper
330 100
332 96.5 75.5 113.3
141 29.6 24.7 37.1



#45
2-Fluorobiphenyl
Concen: 67.261 ng
RT: 13.200 min Scan# 1721
Delta R.T. -0.005 min
Lab File: BG060139.D
Acq: 22 Dec 2023 15:30

Tgt Ion:172 Resp: 3289077
Ion Ratio Lower Upper
172 100
171 39.8 29.2 43.8
170 28.0 20.1 30.1

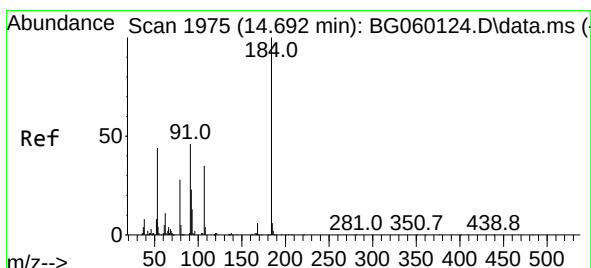
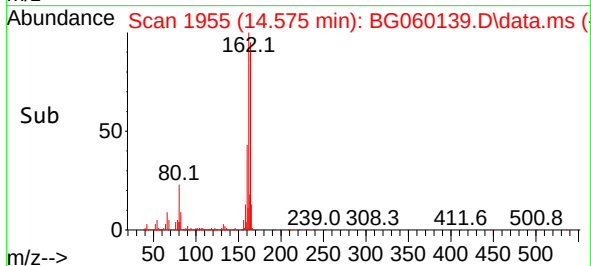
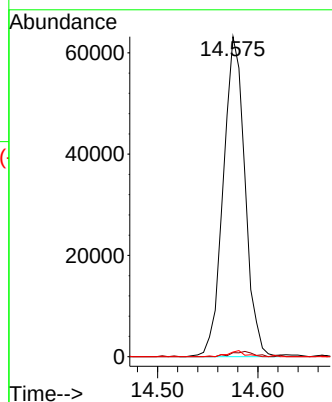
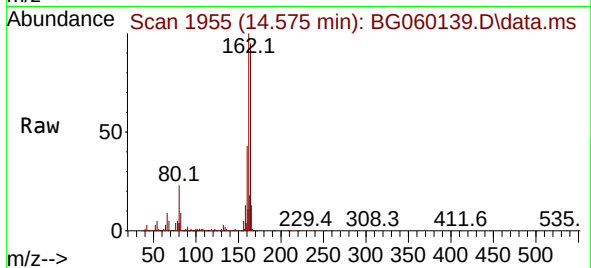




#51
2,6-Dinitrotoluene
Concen: 7.342 ng
RT: 14.575 min Scan# 1955
Delta R.T. 0.418 min
Lab File: BG060139.D
Acq: 22 Dec 2023 15:30

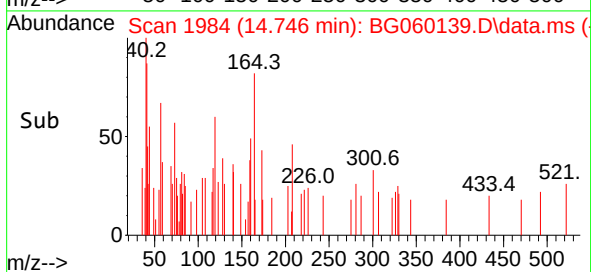
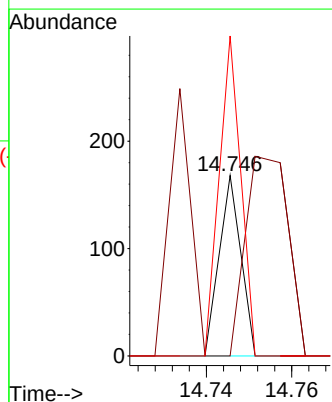
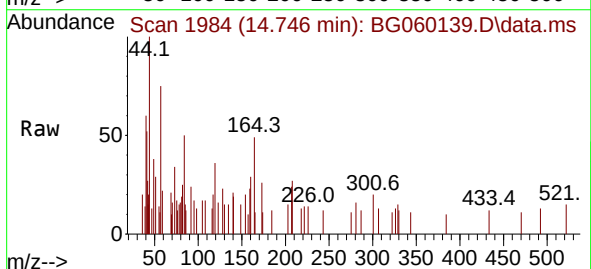
Instrument :
BNA_G
ClientSampleId :
GHL-SS-57

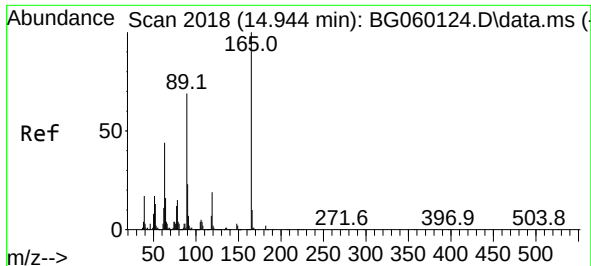
Tgt Ion:165 Resp: 94848
Ion Ratio Lower Upper
165 100
63 1.3 45.4 68.2#
89 1.5 44.6 66.8#



#54
2,4-Dinitrophenol
Concen: 6.625 ng
RT: 14.746 min Scan# 1984
Delta R.T. 0.054 min
Lab File: BG060139.D
Acq: 22 Dec 2023 15:30

Tgt Ion:184 Resp: 59
Ion Ratio Lower Upper
184 100
63 0.0 48.1 72.1#
154 177.4 44.3 66.5#





#57

2,4-Dinitrotoluene

Concen: 5.002 ng

RT: 14.575 min Scan# 1955

Delta R.T. -0.369 min

Lab File: BG060139.D

Acq: 22 Dec 2023 15:30

Instrument :

BNA_G

ClientSampleId :

GHL-SS-57

Tgt Ion:165 Resp: 94848

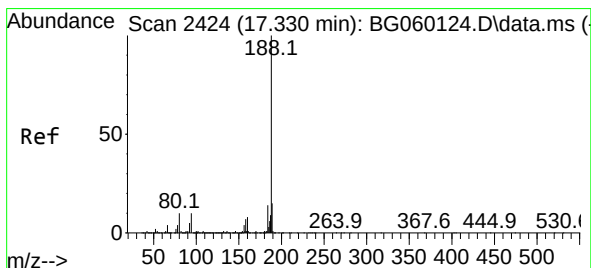
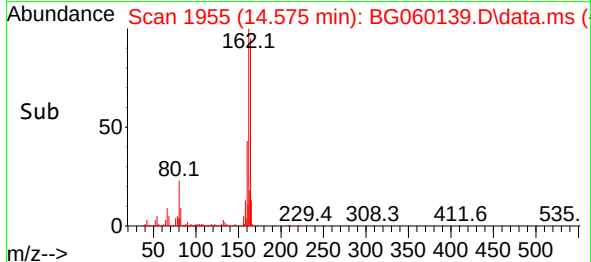
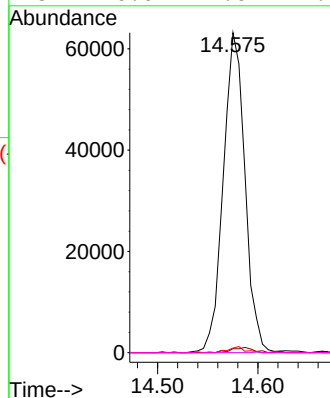
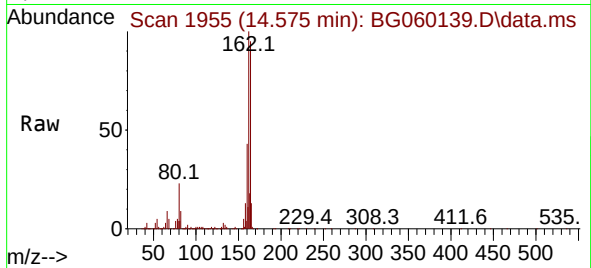
Ion Ratio Lower Upper

165 100

63 1.3 35.4 53.0#

89 1.5 55.6 83.4#

182 0.0 1.6 2.4#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.325 min Scan# 2423

Delta R.T. -0.005 min

Lab File: BG060139.D

Acq: 22 Dec 2023 15:30

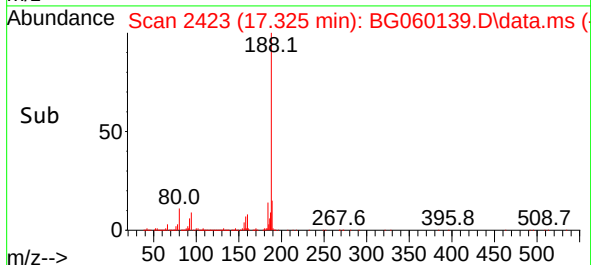
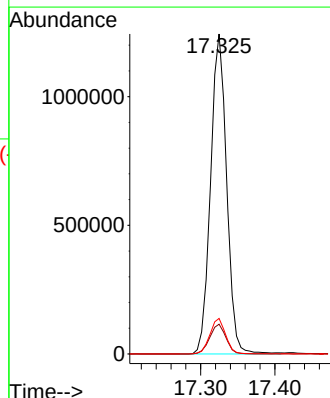
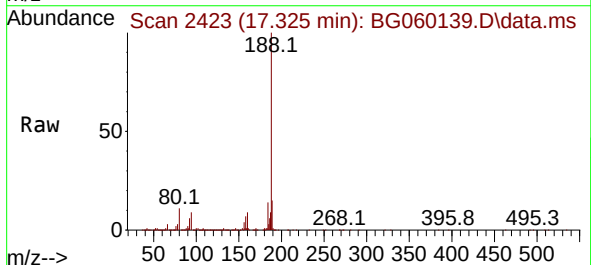
Tgt Ion:188 Resp: 1870920

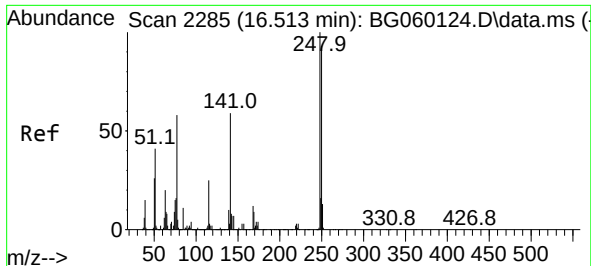
Ion Ratio Lower Upper

188 100

94 9.3 7.6 11.4

80 11.1 7.9 11.9

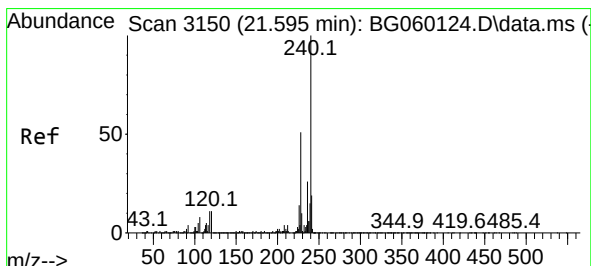
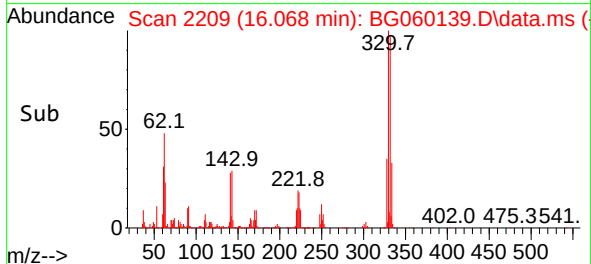
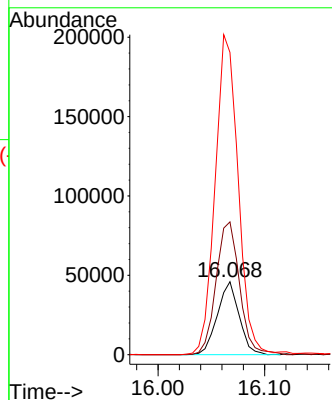
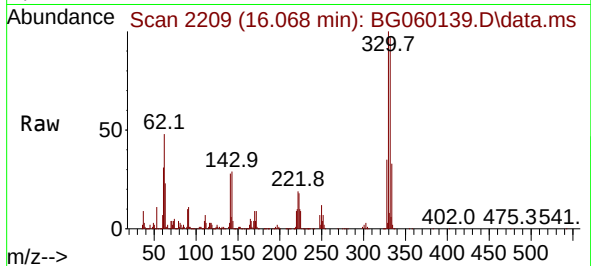




#67
4-Bromophenyl-phenylether
Concen: 3.700 ng
RT: 16.068 min Scan# 21
Delta R.T. -0.445 min
Lab File: BG060139.D
Acq: 22 Dec 2023 15:30

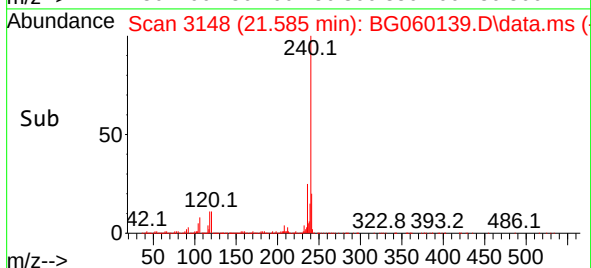
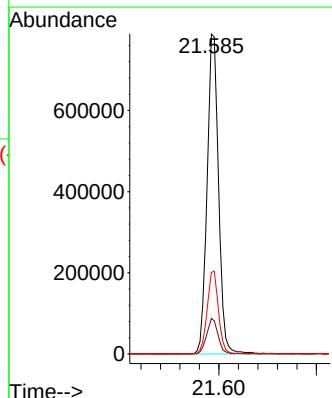
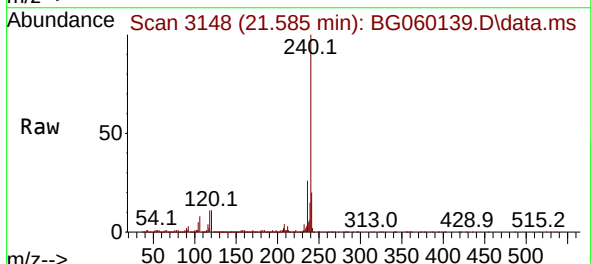
Instrument :
BNA_G
ClientSampleId :
GHL-SS-57

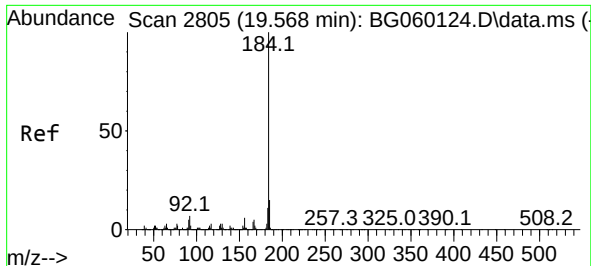
Tgt Ion:248 Resp: 65222
Ion Ratio Lower Upper
248 100
250 181.9 74.5 111.7#
141 413.9 47.4 71.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.585 min Scan# 3148
Delta R.T. -0.011 min
Lab File: BG060139.D
Acq: 22 Dec 2023 15:30

Tgt Ion:240 Resp: 1282581
Ion Ratio Lower Upper
240 100
120 11.1 9.0 13.6
236 25.5 20.4 30.6

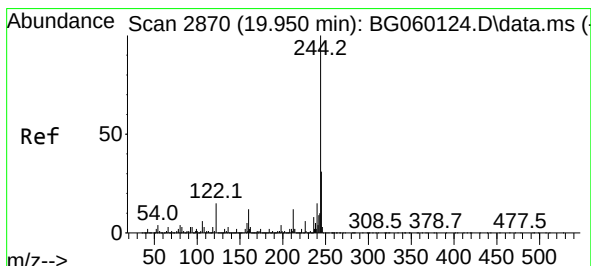
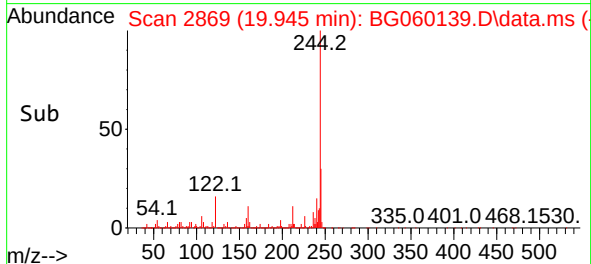
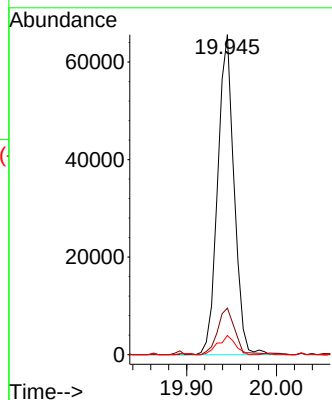
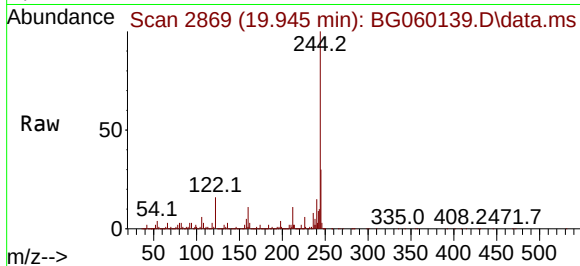




#77
Benzidine
Concen: 2.398 ng
RT: 19.945 min Scan# 2805
Delta R.T. 0.377 min
Lab File: BG060139.D
Acq: 22 Dec 2023 15:30

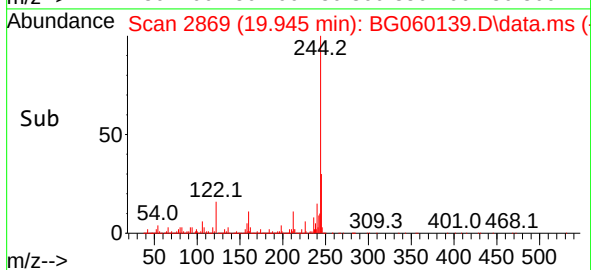
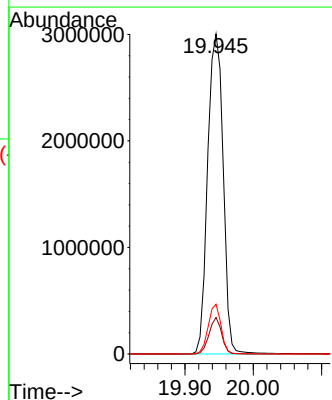
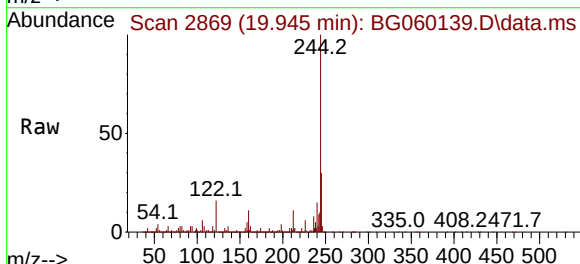
Instrument :
BNA_G
ClientSampleId :
GHL-SS-57

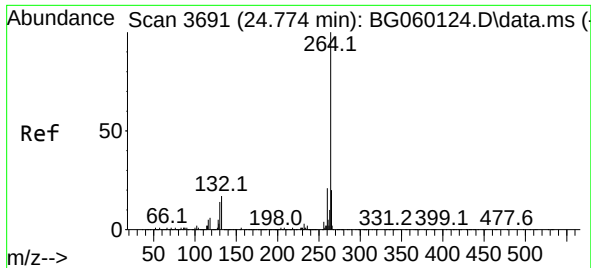
Tgt Ion:184 Resp: 83144
Ion Ratio Lower Upper
184 100
185 14.5 11.7 17.5
183 6.0 9.0 13.6#



#79
Terphenyl-d14
Concen: 67.029 ng
RT: 19.945 min Scan# 2869
Delta R.T. -0.005 min
Lab File: BG060139.D
Acq: 22 Dec 2023 15:30

Tgt Ion:244 Resp: 4750974
Ion Ratio Lower Upper
244 100
212 11.4 9.5 14.3
122 15.6 12.2 18.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.763 min Scan# 30
Delta R.T. -0.011 min
Lab File: BG060139.D
Acq: 22 Dec 2023 15:30

Instrument :
BNA_G
ClientSampleId :
GHL-SS-57

Tgt Ion:264 Resp: 1369989

Ion	Ratio	Lower	Upper
264	100		
260	22.8	17.1	25.7
265	20.2	16.0	24.0

