

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122223\
 Data File : BG060145.D
 Acq On : 22 Dec 2023 19:33
 Operator : MA/JU
 Sample : 05899-06
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GHL-SS-12

Quant Time: Dec 23 05:47:14 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)

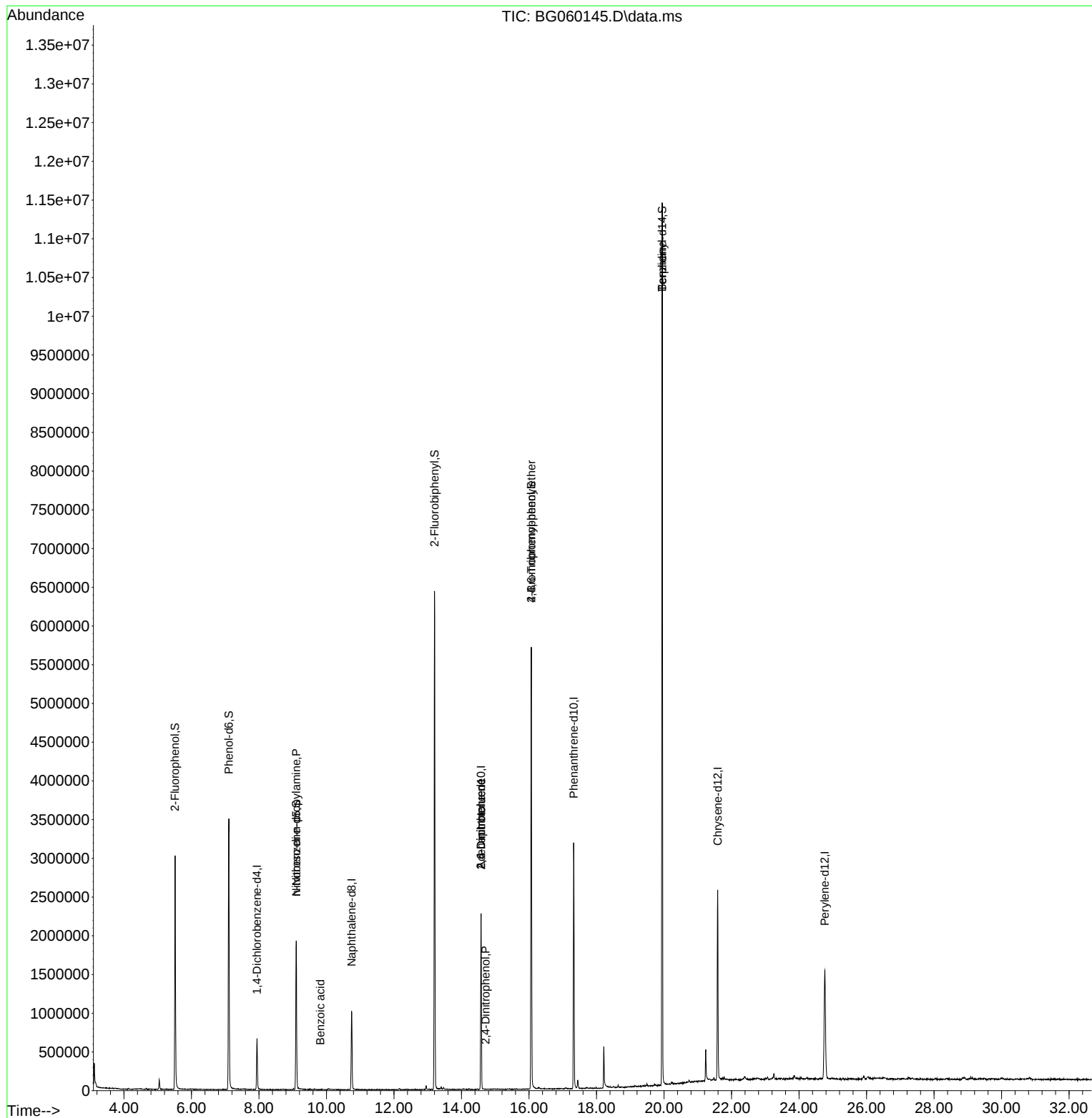
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.940	152	200084	20.000	ng	# 0.00
21) Naphthalene-d8	10.743	136	927406	20.000	ng	0.00
39) Acenaphthene-d10	14.579	164	810914	20.000	ng	0.00
64) Phenanthrene-d10	17.323	188	2103606	20.000	ng	0.00
76) Chrysene-d12	21.589	240	1409973	20.000	ng	0.00
86) Perylene-d12	24.761	264	1540172	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.513	112	1443992	113.718	ng	0.00
7) Phenol-d6	7.106	99	2230563	104.377	ng	0.00
23) Nitrobenzene-d5	9.103	82	1269203	67.042	ng	0.00
42) 2,4,6-Tribromophenol	16.066	330	1135078	103.961	ng	0.00
45) 2-Fluorobiphenyl	13.198	172	3513243	65.054	ng	0.00
79) Terphenyl-d14	19.944	244	5022947	64.464	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.103	70	156776	9.435	ng	# 82
32) Benzoic acid	9.814	122	57	5.092	ng	91
51) 2,6-Dinitrotoluene	14.579	165	107338	7.523	ng	# 24
54) 2,4-Dinitrophenol	14.708	184	69	6.625	ng	# 22
57) 2,4-Dinitrotoluene	14.579	165	107338	5.125	ng	# 24
67) 4-Bromophenyl-phenylether	16.066	248	72799	3.673	ng	# 1
77) Benzidine	19.944	184	92855	2.436	ng	# 92

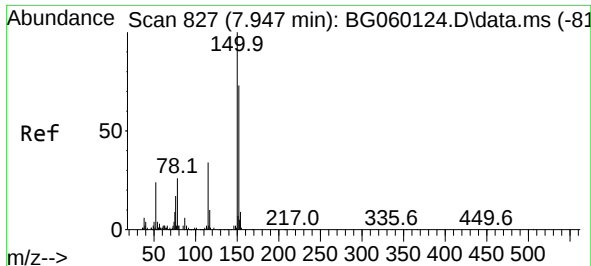
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122223\
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BNA_G
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QLast Update : Fri Dec 22 03:42:04 2023
Response via : Initial Calibration

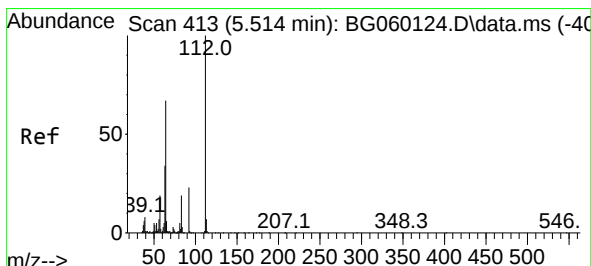
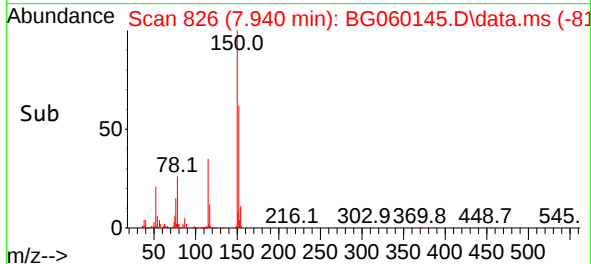
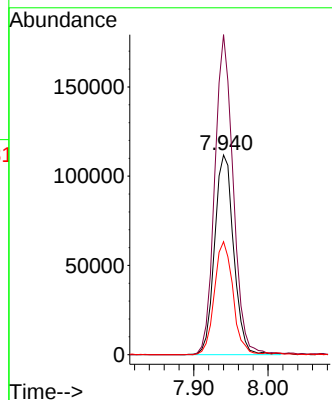
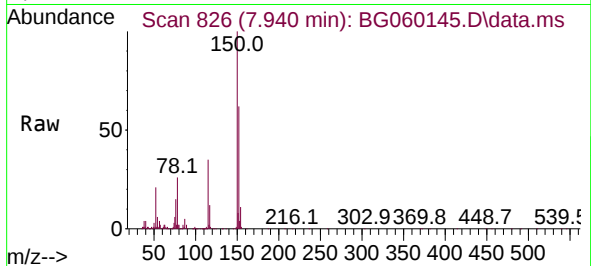




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.940 min Scan# 81
Delta R.T. -0.007 min
Lab File: BG060145.D
Acq: 22 Dec 2023 19:33

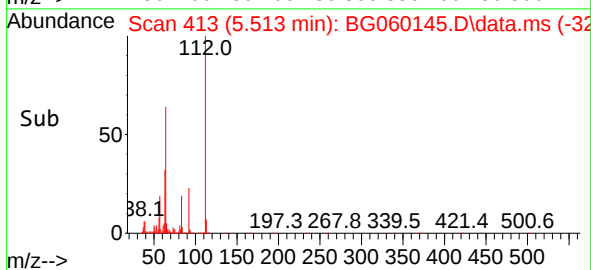
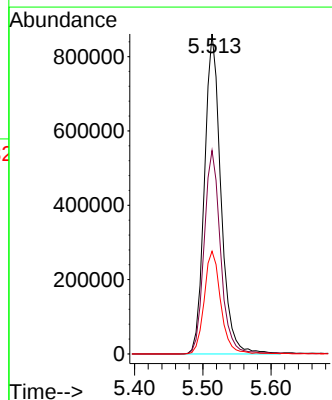
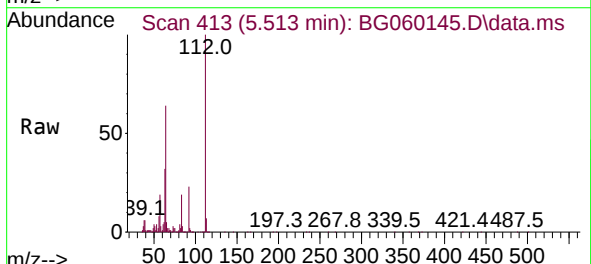
Instrument :
BNA_G
ClientSampleId :
GHL-SS-12

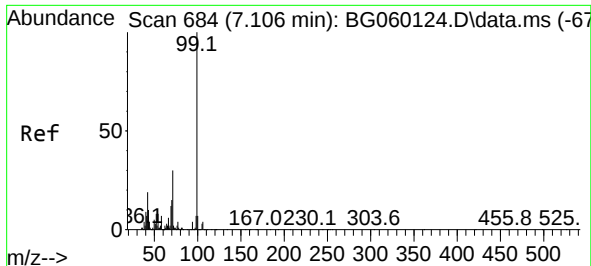
Tgt Ion:152 Resp: 200084
Ion Ratio Lower Upper
152 100
150 160.3 109.4 164.0
115 56.5 36.5 54.7#



#5
2-Fluorophenol
Concen: 113.718 ng
RT: 5.513 min Scan# 413
Delta R.T. -0.001 min
Lab File: BG060145.D
Acq: 22 Dec 2023 19:33

Tgt Ion:112 Resp: 1443992
Ion Ratio Lower Upper
112 100
64 63.6 53.3 79.9
63 32.1 27.1 40.7

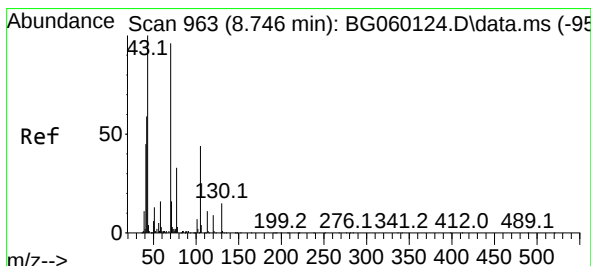
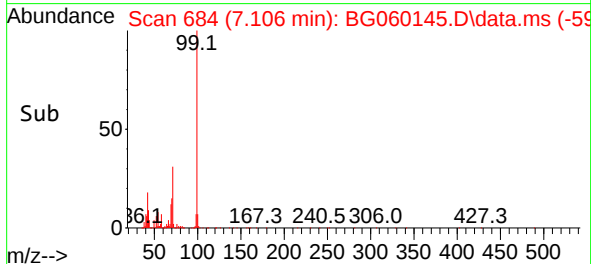
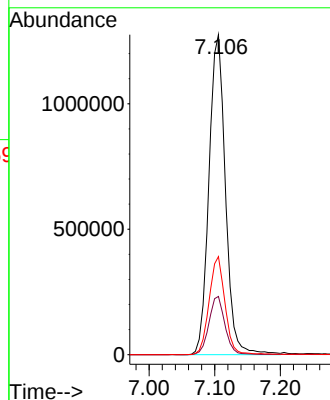
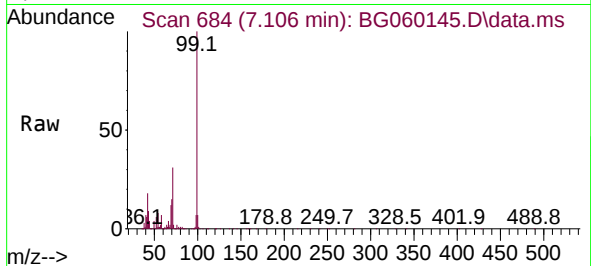




#7
Phenol-d6
Concen: 104.377 ng
RT: 7.106 min Scan# 61
Delta R.T. -0.001 min
Lab File: BG060145.D
Acq: 22 Dec 2023 19:33

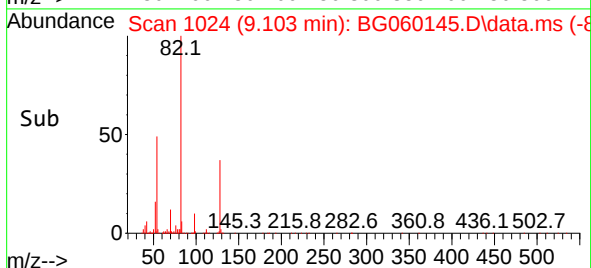
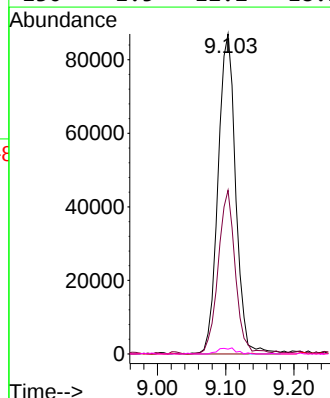
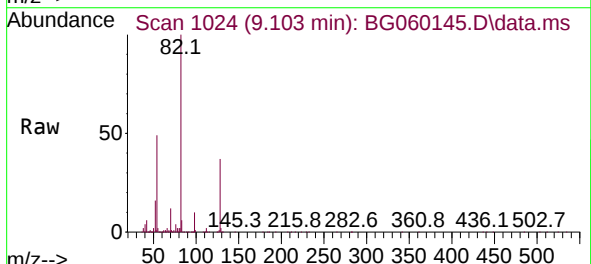
Instrument :
BNA_G
ClientSampleId :
GHL-SS-12

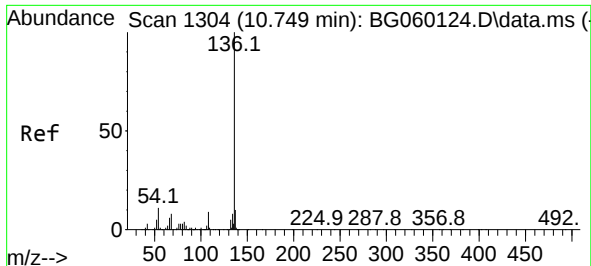
Tgt Ion: 99 Resp: 2230563
Ion Ratio Lower Upper
99 100
42 18.2 15.2 22.8
71 30.7 24.2 36.2



#19
n-Nitroso-di-n-propylamine
Concen: 9.435 ng
RT: 9.103 min Scan# 1024
Delta R.T. 0.358 min
Lab File: BG060145.D
Acq: 22 Dec 2023 19:33

Tgt Ion: 70 Resp: 156776
Ion Ratio Lower Upper
70 100
42 51.2 49.6 74.4
101 0.0 6.2 9.4#
130 1.5 12.2 18.2#

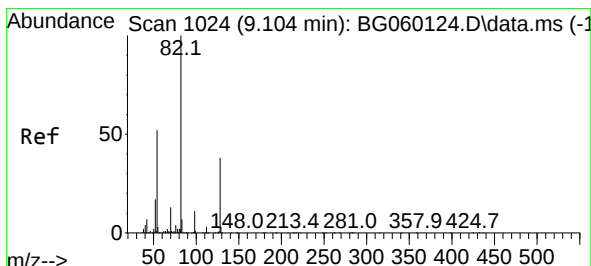
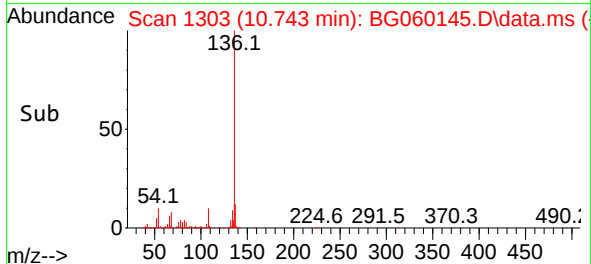
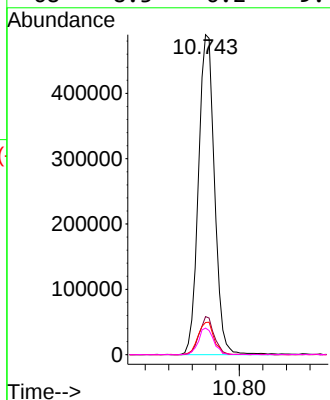
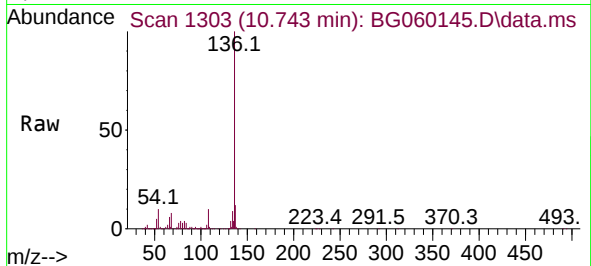




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.743 min Scan# 11
Delta R.T. -0.007 min
Lab File: BG060145.D
Acq: 22 Dec 2023 19:33

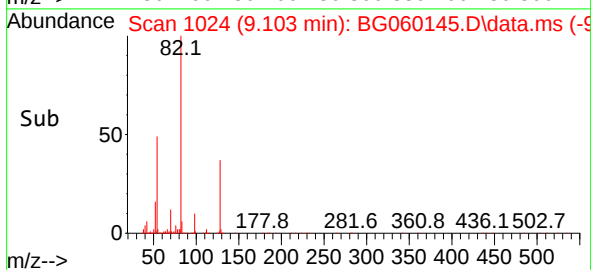
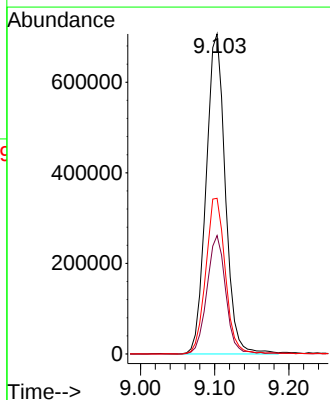
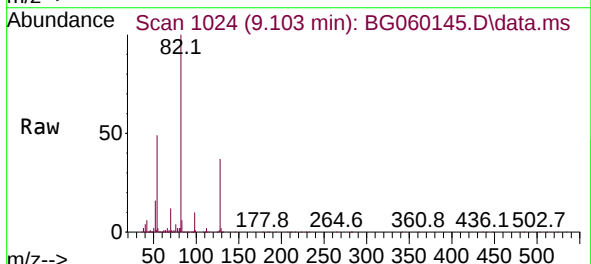
Instrument :
BNA_G
ClientSampleId :
GHL-SS-12

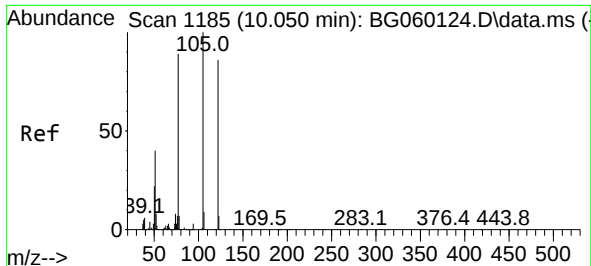
Tgt Ion:	136	Resp:	927406
Ion Ratio	Lower	Upper	
136	100		
137	11.9	8.1	12.1
54	10.0	8.7	13.1
68	8.3	6.2	9.4



#23
Nitrobenzene-d5
Concen: 67.042 ng
RT: 9.103 min Scan# 1024
Delta R.T. -0.001 min
Lab File: BG060145.D
Acq: 22 Dec 2023 19:33

Tgt Ion:	82	Resp:	1269203
Ion Ratio	Lower	Upper	
82	100		
128	37.0	30.5	45.7
54	48.7	41.9	62.9

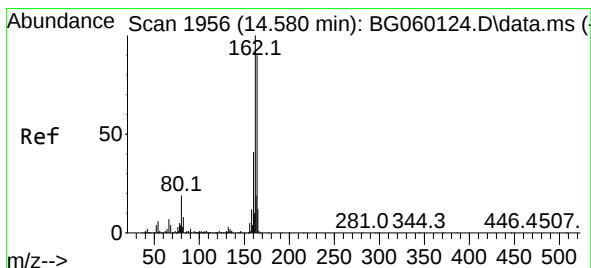
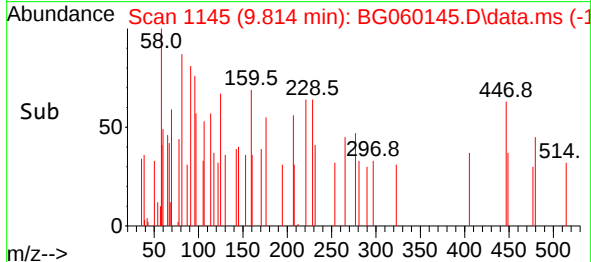
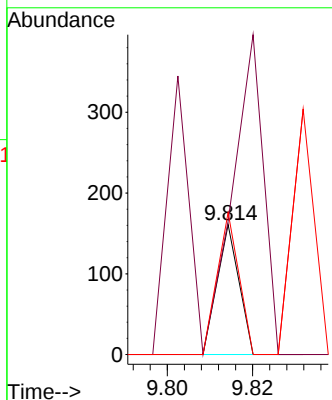
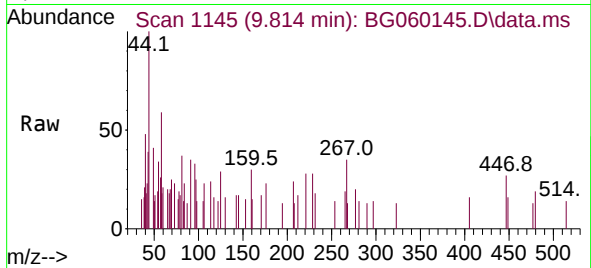




#32
Benzoic acid
Concen: 5.092 ng
RT: 9.814 min Scan# 1185
Delta R.T. -0.236 min
Lab File: BG060145.D
Acq: 22 Dec 2023 19:33

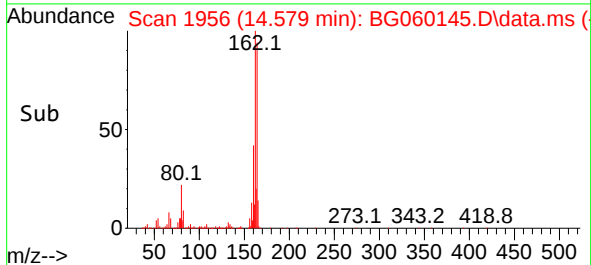
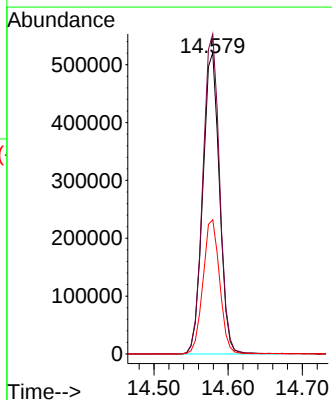
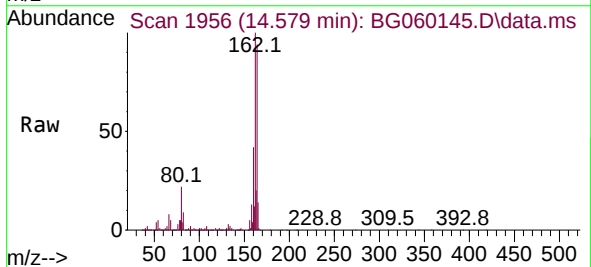
Instrument :
BNA_G
ClientSampleId :
GHL-SS-12

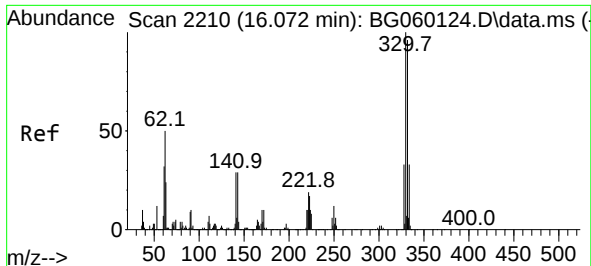
Tgt Ion:122 Resp: 57
Ion Ratio Lower Upper
122 100
105 102.5 93.2 133.2
77 109.3 81.7 121.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.579 min Scan# 1956
Delta R.T. -0.001 min
Lab File: BG060145.D
Acq: 22 Dec 2023 19:33

Tgt Ion:164 Resp: 810914
Ion Ratio Lower Upper
164 100
162 106.2 88.5 132.7
160 44.6 36.2 54.2

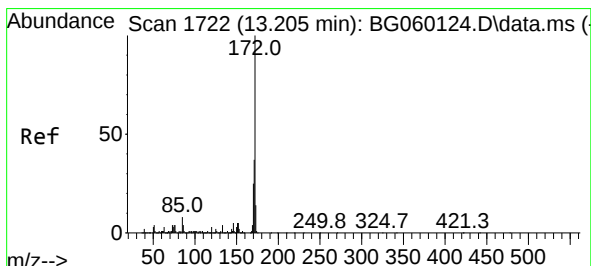
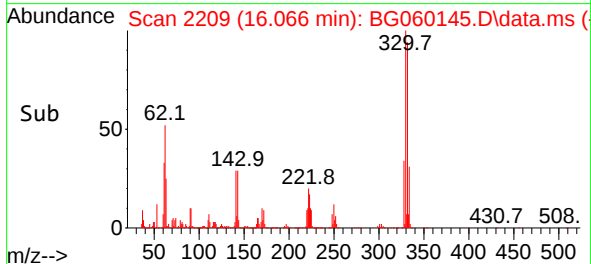
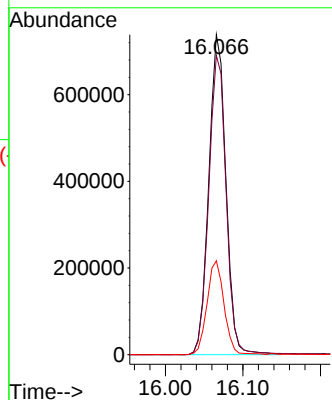
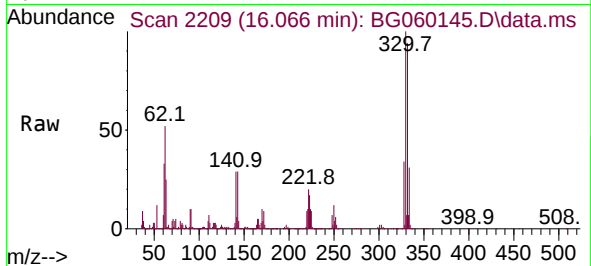




#42
2,4,6-Tribromophenol
Concen: 103.961 ng
RT: 16.066 min Scan# 21
Delta R.T. -0.007 min
Lab File: BG060145.D
Acq: 22 Dec 2023 19:33

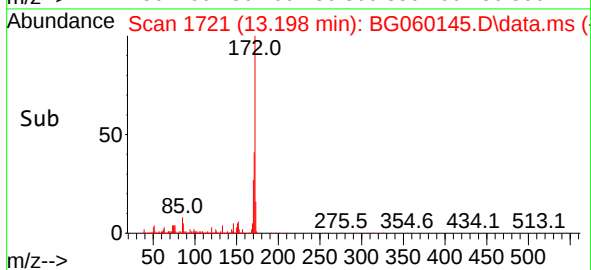
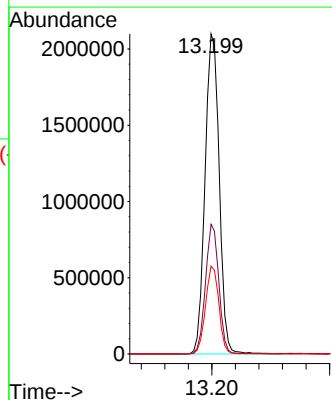
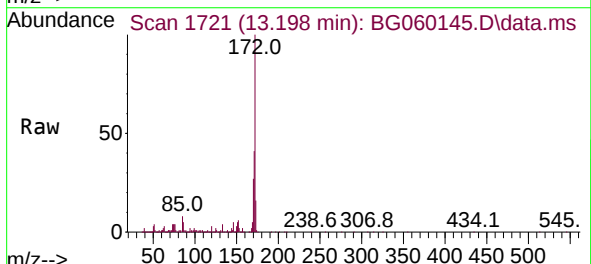
Instrument :
BNA_G
ClientSampleId :
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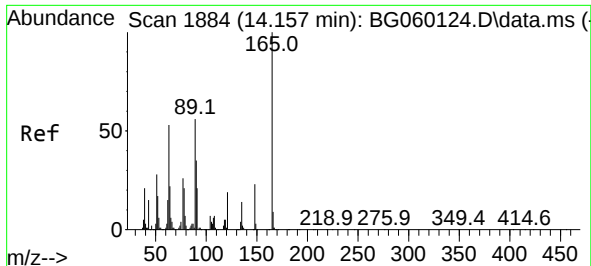
Tgt Ion:330 Resp: 1135078
Ion Ratio Lower Upper
330 100
332 95.1 75.5 113.3
141 29.1 24.7 37.1



#45
2-Fluorobiphenyl
Concen: 65.054 ng
RT: 13.198 min Scan# 1721
Delta R.T. -0.007 min
Lab File: BG060145.D
Acq: 22 Dec 2023 19:33

Tgt Ion:172 Resp: 3513243
Ion Ratio Lower Upper
172 100
171 40.5 29.2 43.8
170 27.5 20.1 30.1





#51

2,6-Dinitrotoluene

Concen: 7.523 ng

RT: 14.579 min Scan# 1956

Delta R.T. 0.422 min

Lab File: BG060145.D

Acq: 22 Dec 2023 19:33

Instrument :

BNA_G

ClientSampleId :

GHL-SS-12

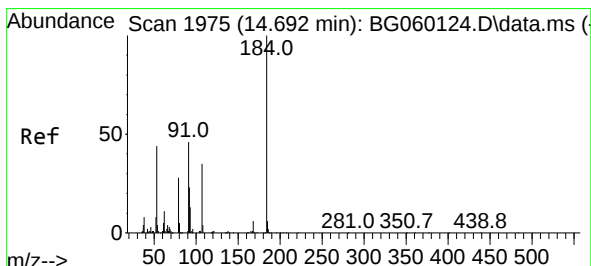
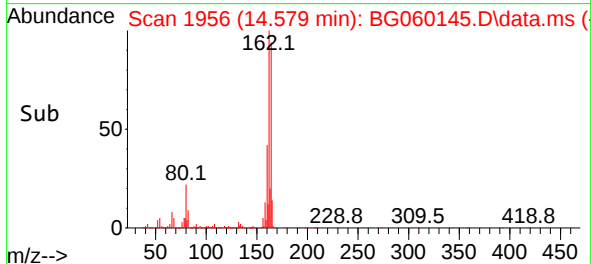
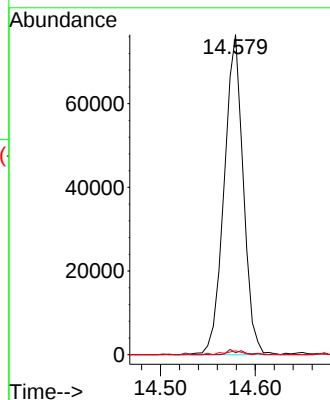
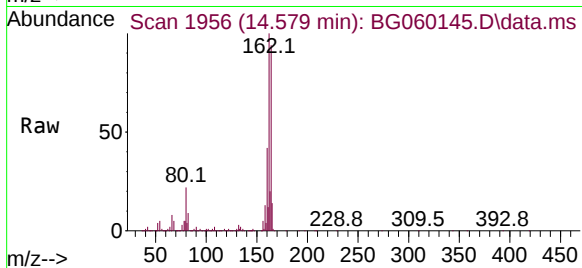
Tgt Ion:165 Resp: 107338

Ion Ratio Lower Upper

165 100

63 0.6 45.4 68.2#

89 1.2 44.6 66.8#



#54

2,4-Dinitrophenol

Concen: 6.625 ng

RT: 14.708 min Scan# 1978

Delta R.T. 0.016 min

Lab File: BG060145.D

Acq: 22 Dec 2023 19:33

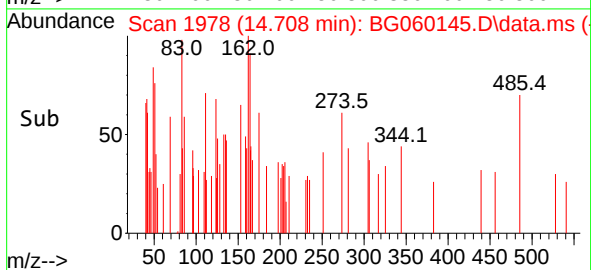
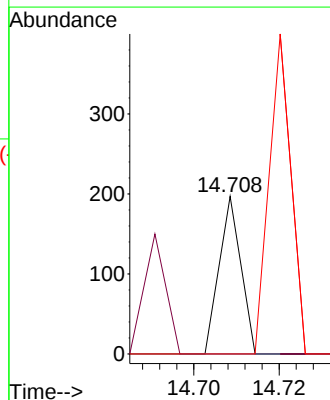
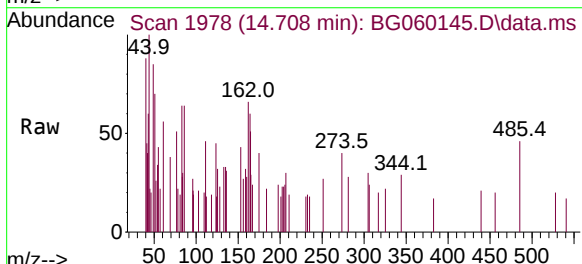
Tgt Ion:184 Resp: 69

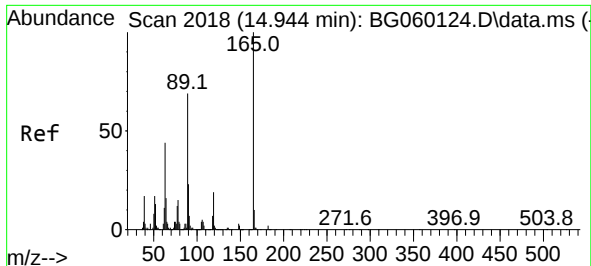
Ion Ratio Lower Upper

184 100

63 0.0 48.1 72.1#

154 0.0 44.3 66.5#

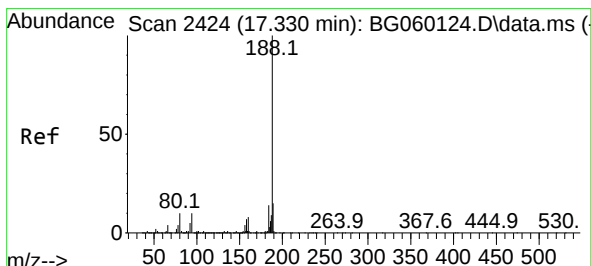
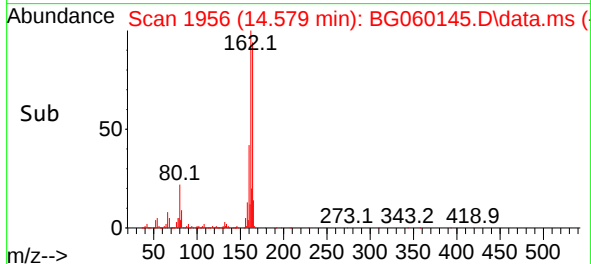
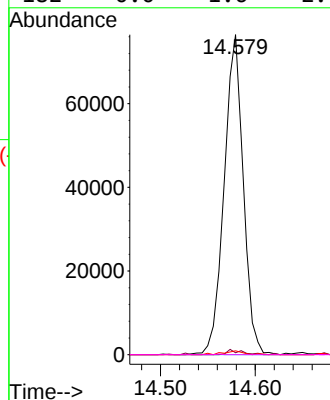
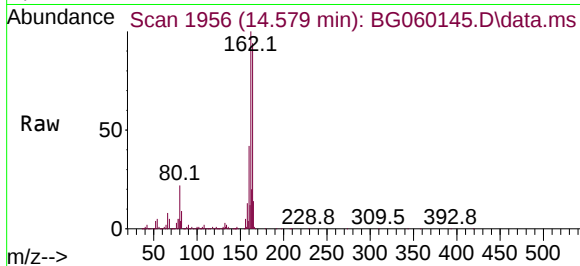




#57
2,4-Dinitrotoluene
Concen: 5.125 ng
RT: 14.579 min Scan# 1956
Delta R.T. -0.365 min
Lab File: BG060145.D
Acq: 22 Dec 2023 19:33

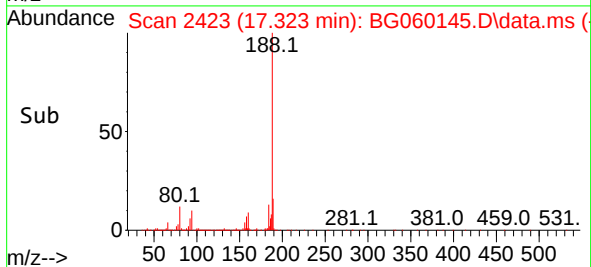
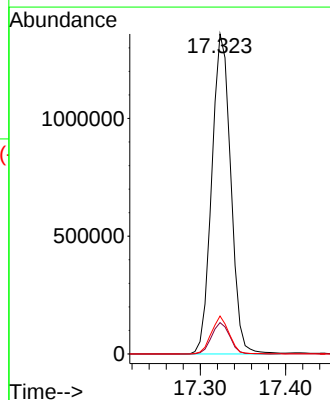
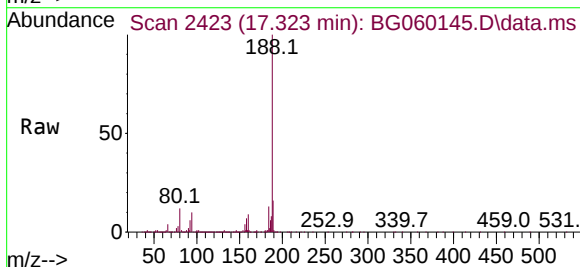
Instrument :
BNA_G
ClientSampleId :
GHL-SS-12

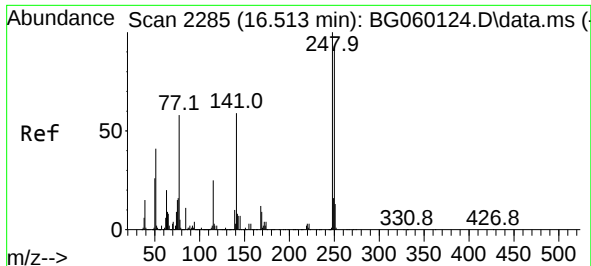
Tgt Ion:165 Resp: 107338
Ion Ratio Lower Upper
165 100
63 0.6 35.4 53.0#
89 1.2 55.6 83.4#
182 0.0 1.6 2.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.323 min Scan# 2423
Delta R.T. -0.007 min
Lab File: BG060145.D
Acq: 22 Dec 2023 19:33

Tgt Ion:188 Resp: 2103606
Ion Ratio Lower Upper
188 100
94 9.8 7.6 11.4
80 11.8 7.9 11.9

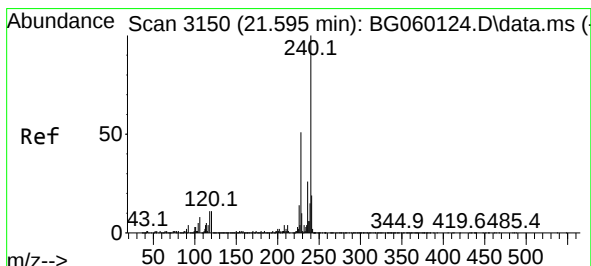
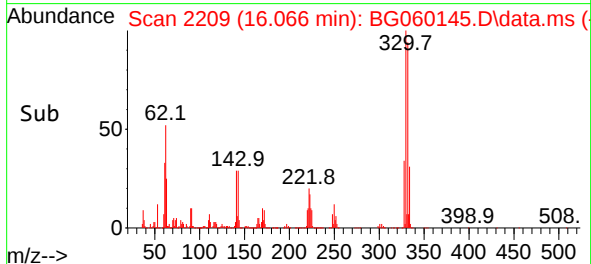
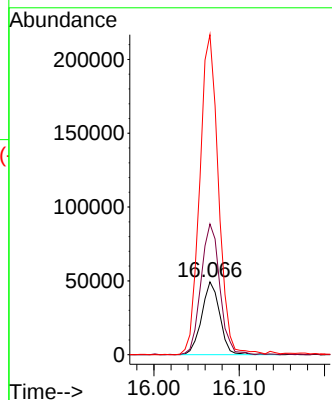
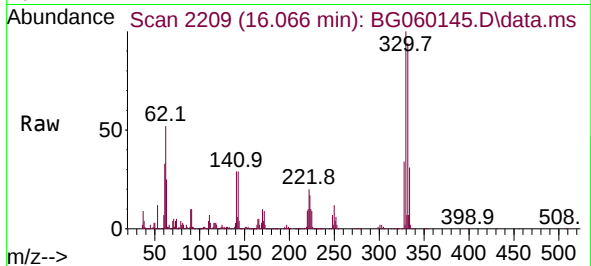




#67
4-Bromophenyl-phenylether
Concen: 3.673 ng
RT: 16.066 min Scan# 21
Delta R.T. -0.447 min
Lab File: BG060145.D
Acq: 22 Dec 2023 19:33

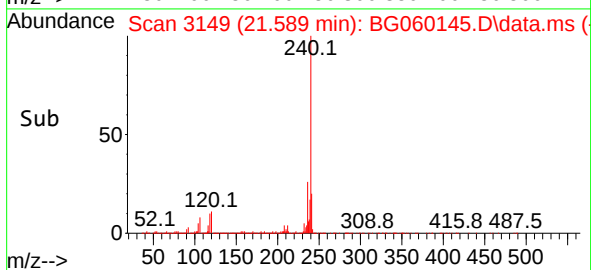
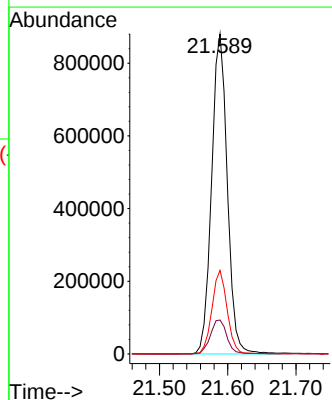
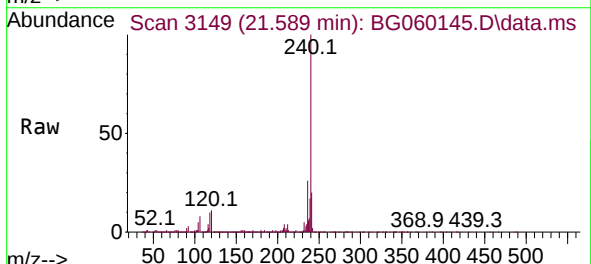
Instrument :
BNA_G
ClientSampleId :
GHL-SS-12

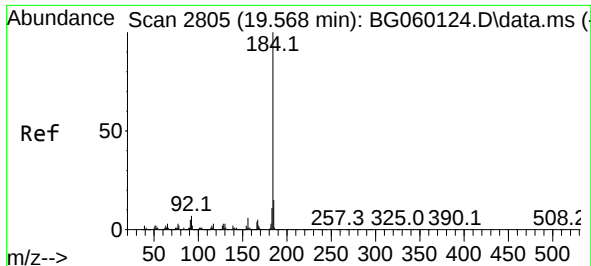
Tgt Ion:248 Resp: 72799
Ion Ratio Lower Upper
248 100
250 179.4 74.5 111.7#
141 439.4 47.4 71.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.589 min Scan# 3149
Delta R.T. -0.007 min
Lab File: BG060145.D
Acq: 22 Dec 2023 19:33

Tgt Ion:240 Resp: 1409973
Ion Ratio Lower Upper
240 100
120 10.6 9.0 13.6
236 26.1 20.4 30.6

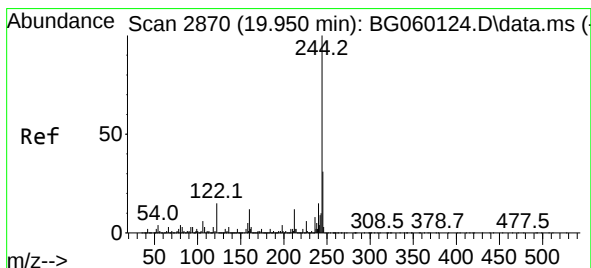
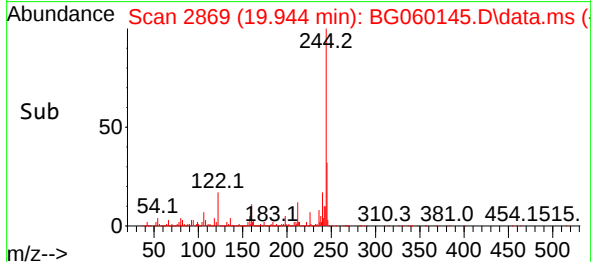
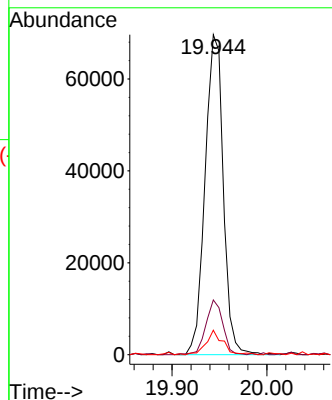
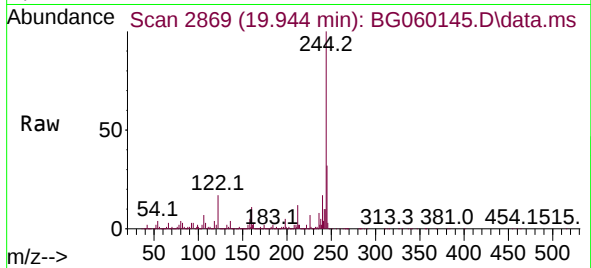




#77
Benzidine
Concen: 2.436 ng
RT: 19.944 min Scan# 2869
Delta R.T. 0.375 min
Lab File: BG060145.D
Acq: 22 Dec 2023 19:33

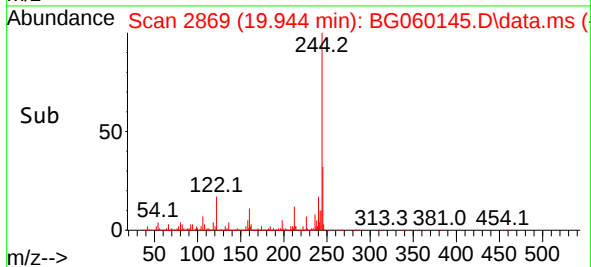
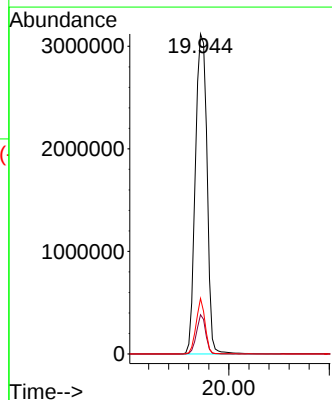
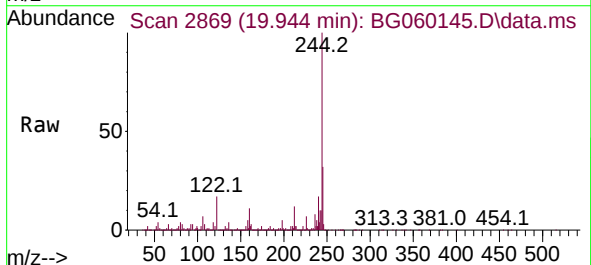
Instrument :
BNA_G
ClientSampleId :
GHL-SS-12

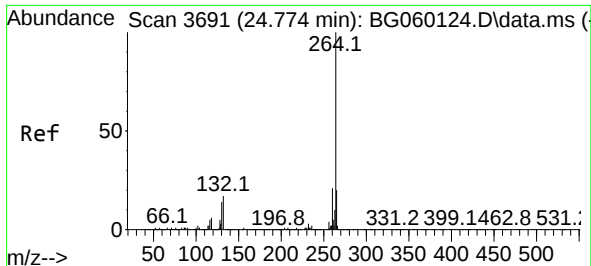
Tgt Ion:184 Resp: 92855
Ion Ratio Lower Upper
184 100
185 17.1 11.7 17.5
183 7.6 9.0 13.6#



#79
Terphenyl-d14
Concen: 64.464 ng
RT: 19.944 min Scan# 2869
Delta R.T. -0.006 min
Lab File: BG060145.D
Acq: 22 Dec 2023 19:33

Tgt Ion:244 Resp: 5022947
Ion Ratio Lower Upper
244 100
212 12.3 9.5 14.3
122 17.3 12.2 18.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.761 min Scan# 30
Delta R.T. -0.012 min
Lab File: BG060145.D
Acq: 22 Dec 2023 19:33

Instrument :
BNA_G
ClientSampleId :
GHL-SS-12

Tgt Ion:264 Resp: 1540172
Ion Ratio Lower Upper
264 100
260 22.8 17.1 25.7
265 21.7 16.0 24.0

