

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122223\
 Data File : BG060134.D
 Acq On : 22 Dec 2023 12:08
 Operator : MA/JU
 Sample : 05898-06
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GHL-SS-70aD

Quant Time: Dec 22 12:44:50 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)

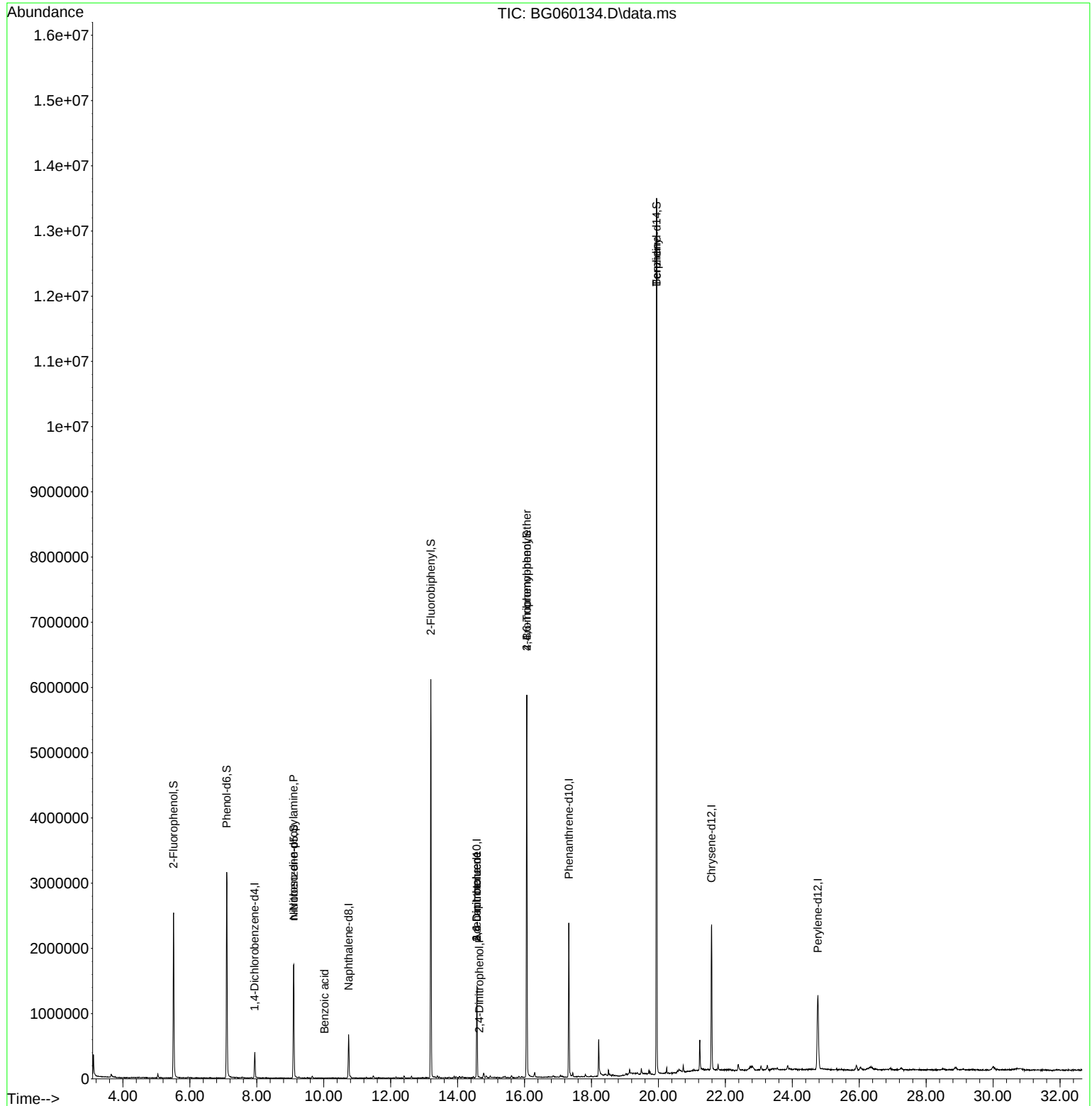
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.936	152	119166	20.000	ng	-0.01
21) Naphthalene-d8	10.744	136	572536	20.000	ng	0.00
39) Acenaphthene-d10	14.575	164	517082	20.000	ng	0.00
64) Phenanthrene-d10	17.325	188	1511495	20.000	ng	0.00
76) Chrysene-d12	21.584	240	1361300	20.000	ng	-0.01
86) Perylene-d12	24.763	264	1231222	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.515	112	1262012	166.873	ng	0.00
7) Phenol-d6	7.101	99	2019186	158.646	ng	0.00
23) Nitrobenzene-d5	9.105	82	1158108	99.090	ng	0.00
42) 2,4,6-Tribromophenol	16.067	330	1130360	162.359	ng	0.00
45) 2-Fluorobiphenyl	13.200	172	3231769	93.847	ng	0.00
79) Terphenyl-d14	19.945	244	5586505	74.260	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.099	70	142679	14.417	ng	# 80
32) Benzoic acid	10.021	122	59	5.095	ng	# 1
51) 2,6-Dinitrotoluene	14.575	165	66447	7.304	ng	# 26
54) 2,4-Dinitrophenol	14.651	184	66	6.629	ng	# 10
57) 2,4-Dinitrotoluene	14.575	165	66447	4.976	ng	# 26
67) 4-Bromophenyl-phenylether	16.067	248	71651	5.032	ng	# 1
77) Benzidine	19.945	184	126978	3.450	ng	# 92

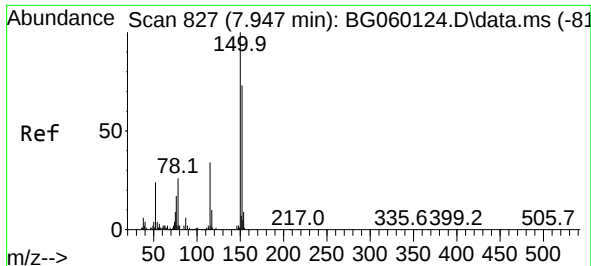
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122223\
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Quant Time: Dec 22 12:44:50 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

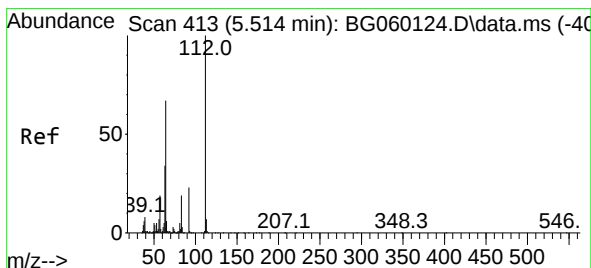
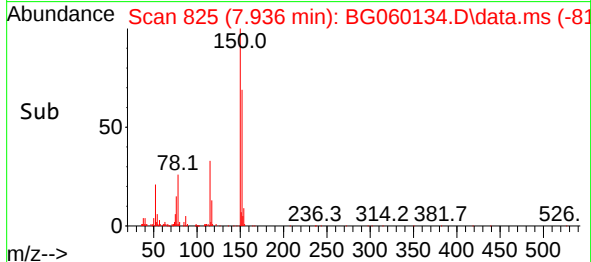
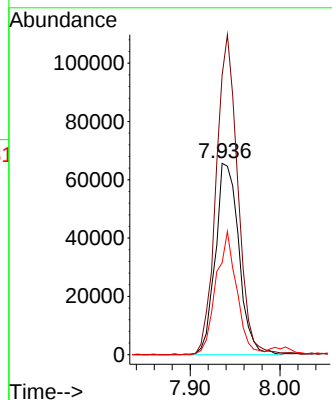
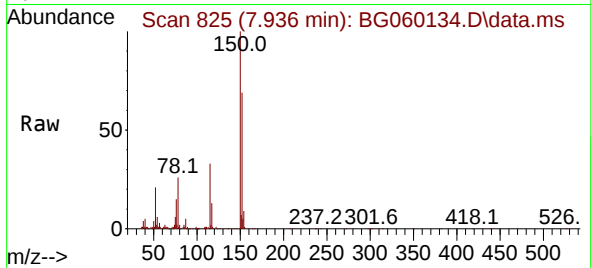




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.936 min Scan# 81
Delta R.T. -0.011 min
Lab File: BG060134.D
Acq: 22 Dec 2023 12:08

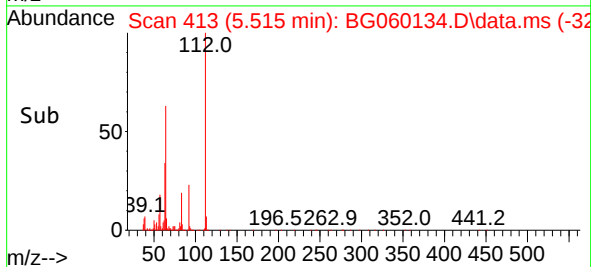
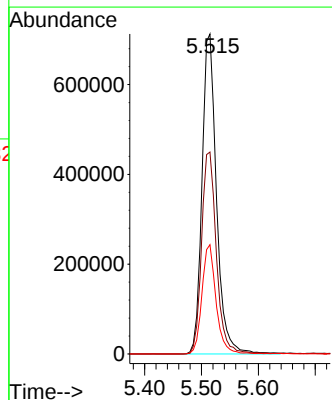
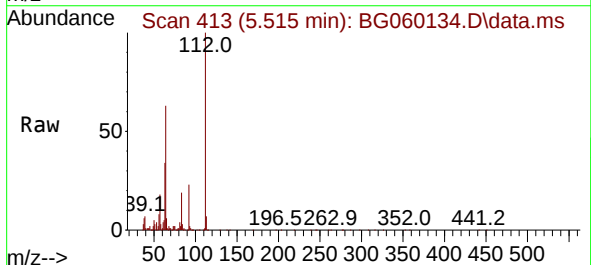
Instrument :
BNA_G
ClientSampleId :
GHL-SS-70aD

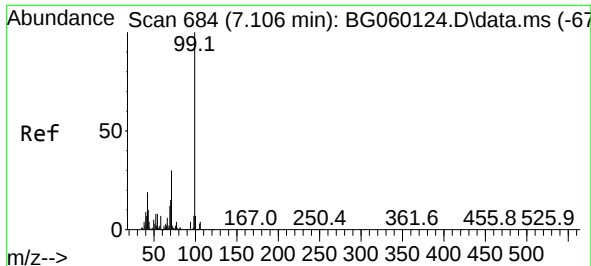
Tgt Ion:152 Resp: 119166
Ion Ratio Lower Upper
152 100
150 146.0 109.4 164.0
115 48.1 36.5 54.7



#5
2-Fluorophenol
Concen: 166.873 ng
RT: 5.515 min Scan# 413
Delta R.T. 0.001 min
Lab File: BG060134.D
Acq: 22 Dec 2023 12:08

Tgt Ion:112 Resp: 1262012
Ion Ratio Lower Upper
112 100
64 63.1 53.3 79.9
63 34.1 27.1 40.7

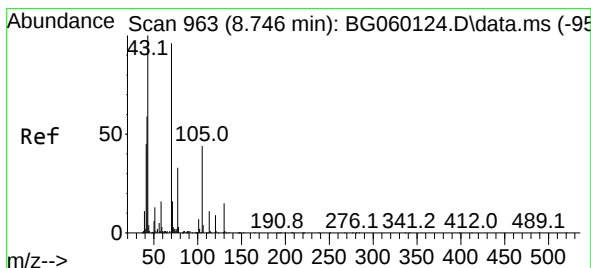
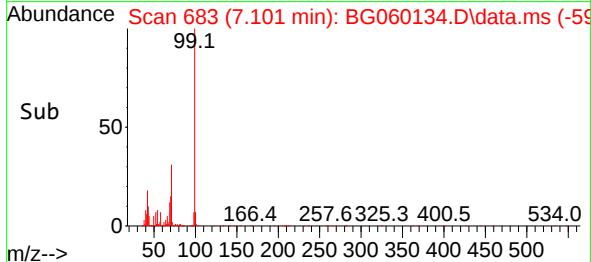
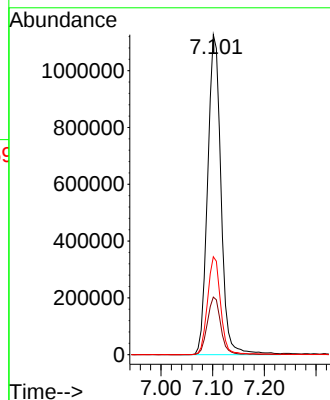
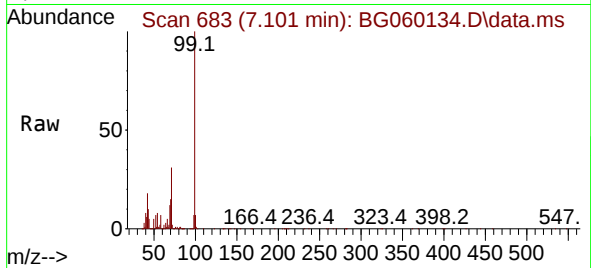




#7
Phenol-d6
Concen: 158.646 ng
RT: 7.101 min Scan# 61
Delta R.T. -0.005 min
Lab File: BG060134.D
Acq: 22 Dec 2023 12:08

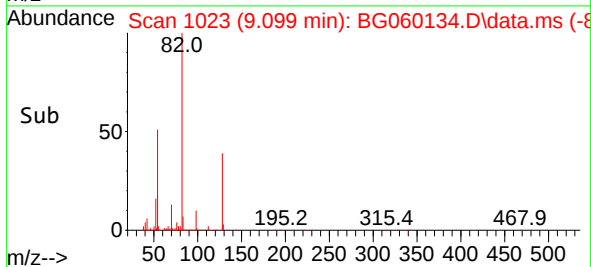
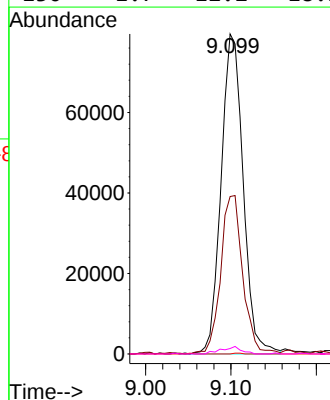
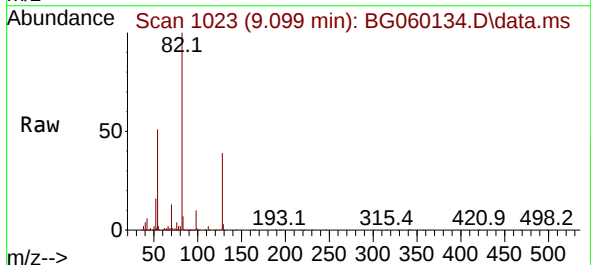
Instrument :
BNA_G
ClientSampleId :
GHL-SS-70aD

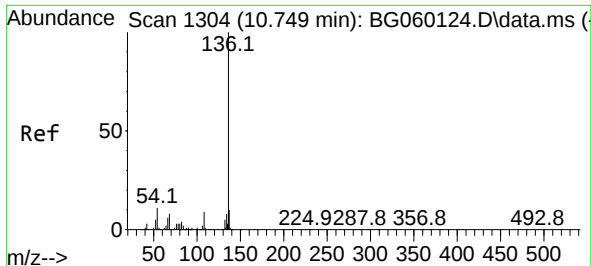
Tgt Ion: 99 Resp: 2019186
Ion Ratio Lower Upper
99 100
42 18.0 15.2 22.8
71 30.6 24.2 36.2



#19
n-Nitroso-di-n-propylamine
Concen: 14.417 ng
RT: 9.099 min Scan# 1023
Delta R.T. 0.353 min
Lab File: BG060134.D
Acq: 22 Dec 2023 12:08

Tgt Ion: 70 Resp: 142679
Ion Ratio Lower Upper
70 100
42 49.2 49.6 74.4#
101 0.0 6.2 9.4#
130 1.7 12.2 18.2#



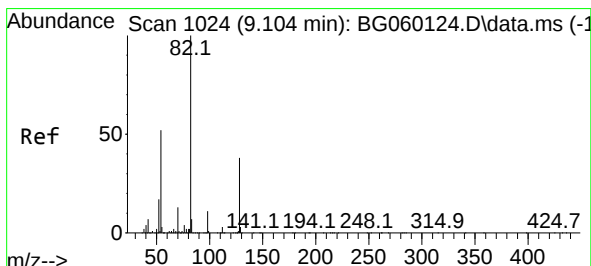
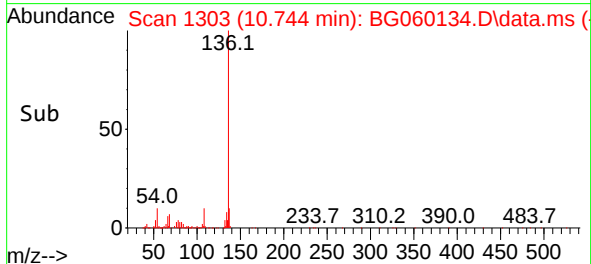
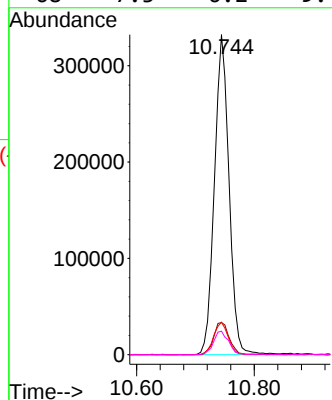
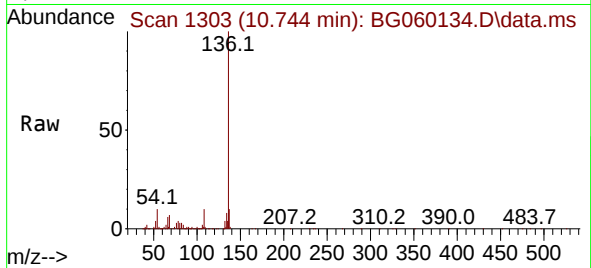


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.744 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG060134.D
Acq: 22 Dec 2023 12:08

Instrument :
BNA_G
ClientSampleId :
GHL-SS-70aD

Tgt Ion:136 Resp: 572536

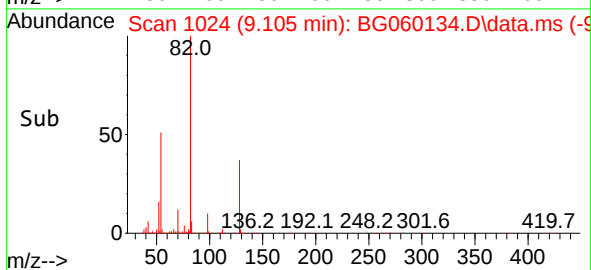
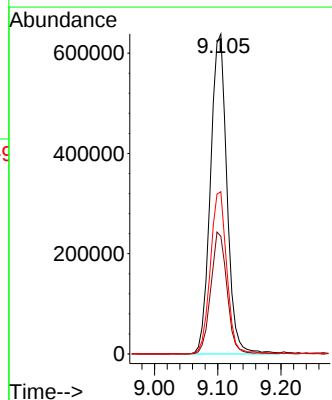
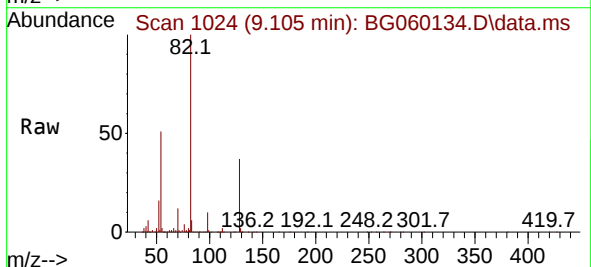
Ion	Ratio	Lower	Upper
136	100		
137	10.0	8.1	12.1
54	10.1	8.7	13.1
68	7.3	6.2	9.4

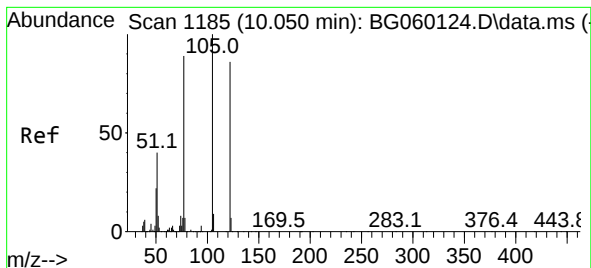


#23
Nitrobenzene-d5
Concen: 99.090 ng
RT: 9.105 min Scan# 1024
Delta R.T. 0.001 min
Lab File: BG060134.D
Acq: 22 Dec 2023 12:08

Tgt Ion: 82 Resp: 1158108

Ion	Ratio	Lower	Upper
82	100		
128	36.7	30.5	45.7
54	50.7	41.9	62.9

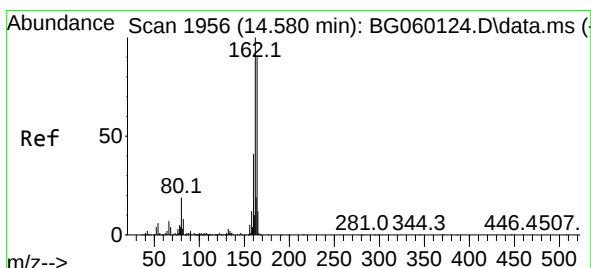
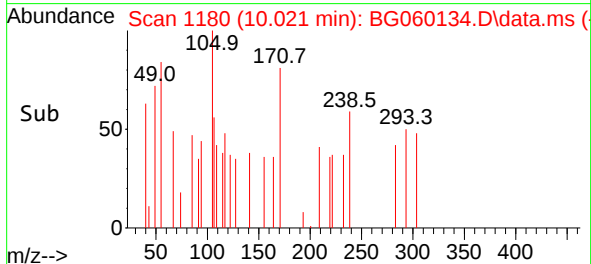
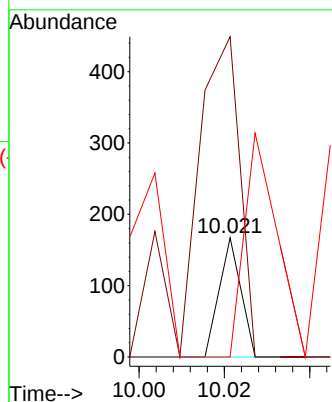
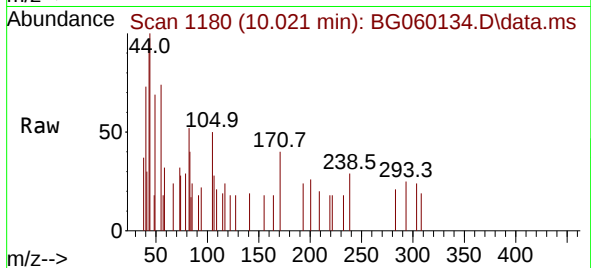




#32
Benzoic acid
Concen: 5.095 ng
RT: 10.021 min Scan# 1185
Delta R.T. -0.029 min
Lab File: BG060134.D
Acq: 22 Dec 2023 12:08

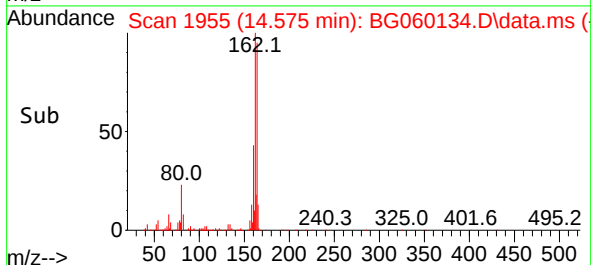
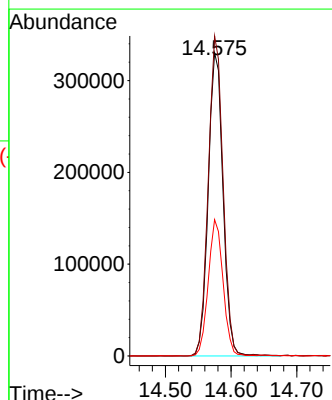
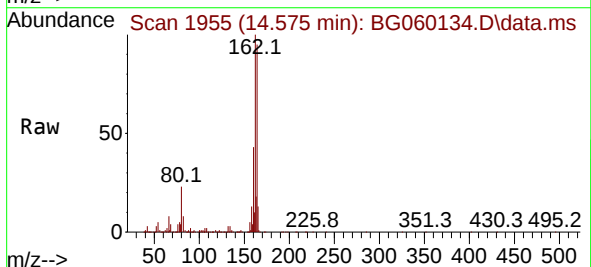
Instrument :
BNA_G
ClientSampleId :
GHL-SS-70aD

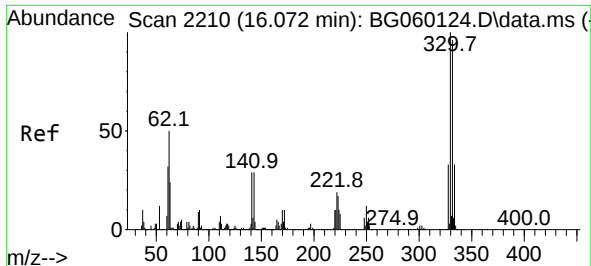
Tgt Ion:122 Resp: 59
Ion Ratio Lower Upper
122 100
105 268.9 93.2 133.2#
77 0.0 81.7 121.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.575 min Scan# 1955
Delta R.T. -0.005 min
Lab File: BG060134.D
Acq: 22 Dec 2023 12:08

Tgt Ion:164 Resp: 517082
Ion Ratio Lower Upper
164 100
162 105.6 88.5 132.7
160 45.0 36.2 54.2

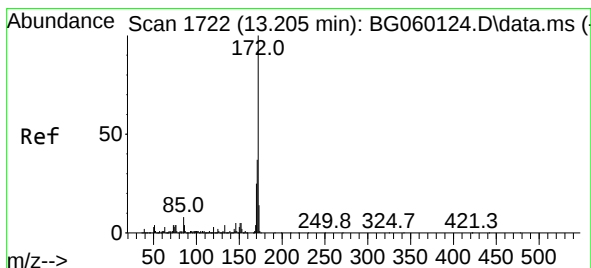
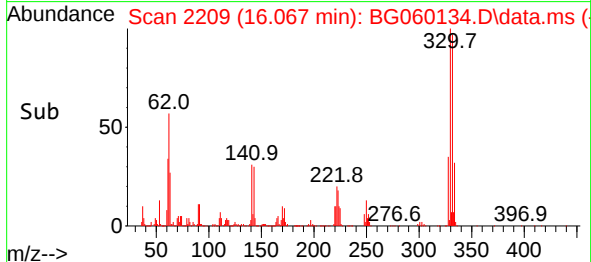
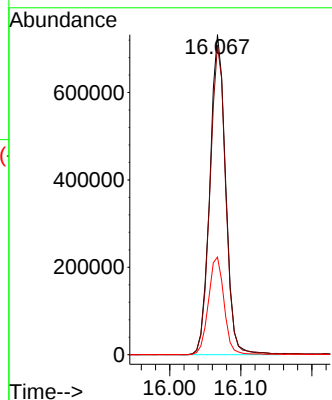
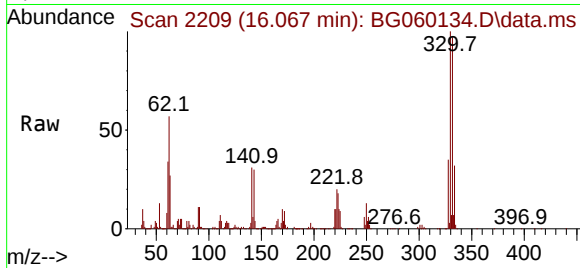




#42
2,4,6-Tribromophenol
Concen: 162.359 ng
RT: 16.067 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG060134.D
Acq: 22 Dec 2023 12:08

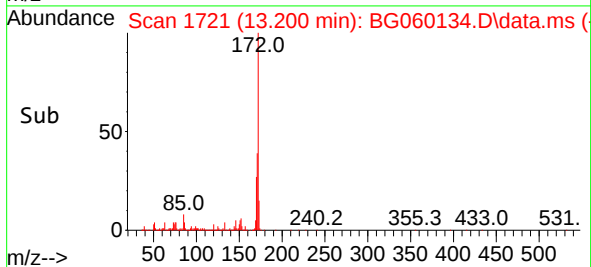
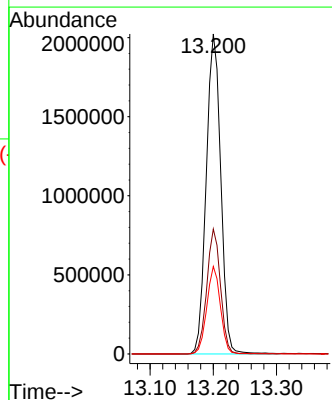
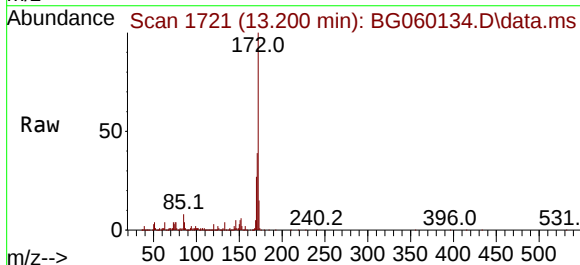
Instrument :
BNA_G
ClientSampleId :
GHL-SS-70aD

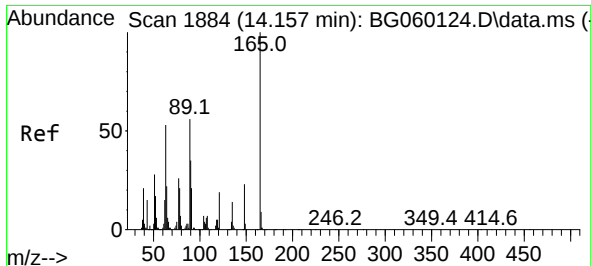
Tgt Ion:330 Resp: 1130360
Ion Ratio Lower Upper
330 100
332 96.8 75.5 113.3
141 30.3 24.7 37.1



#45
2-Fluorobiphenyl
Concen: 93.847 ng
RT: 13.200 min Scan# 1721
Delta R.T. -0.005 min
Lab File: BG060134.D
Acq: 22 Dec 2023 12:08

Tgt Ion:172 Resp: 3231769
Ion Ratio Lower Upper
172 100
171 39.0 29.2 43.8
170 27.4 20.1 30.1





#51

2,6-Dinitrotoluene

Concen: 7.304 ng

RT: 14.575 min Scan# 1955

Delta R.T. 0.418 min

Lab File: BG060134.D

Acq: 22 Dec 2023 12:08

Instrument :

BNA_G

ClientSampleId :

GHL-SS-70aD

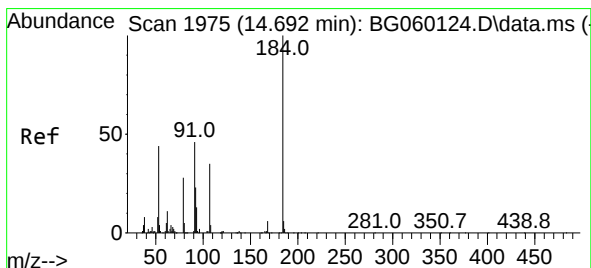
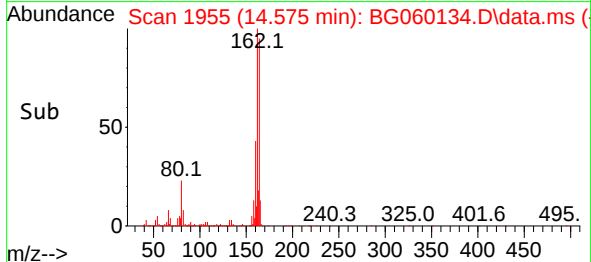
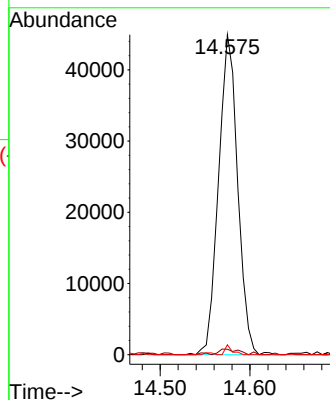
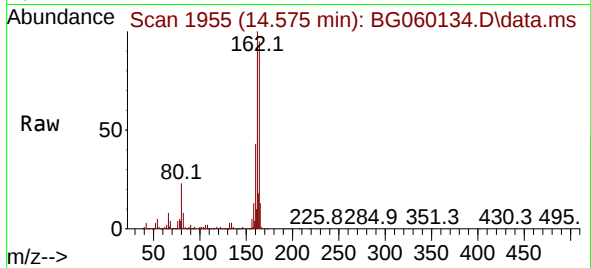
Tgt Ion:165 Resp: 66447

Ion Ratio Lower Upper

165 100

63 1.7 45.4 68.2#

89 3.1 44.6 66.8#



#54

2,4-Dinitrophenol

Concen: 6.629 ng

RT: 14.651 min Scan# 1968

Delta R.T. -0.041 min

Lab File: BG060134.D

Acq: 22 Dec 2023 12:08

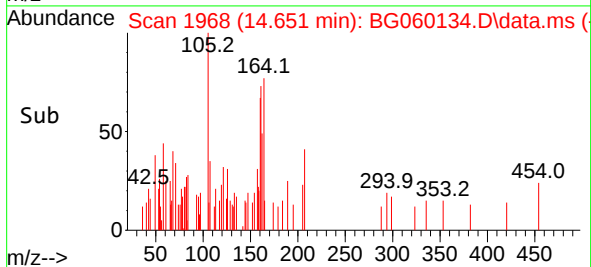
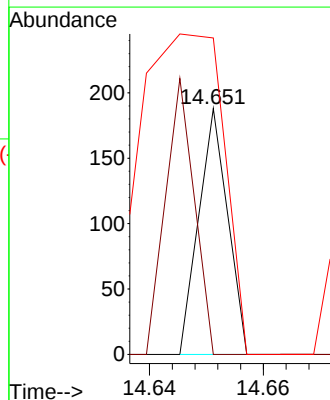
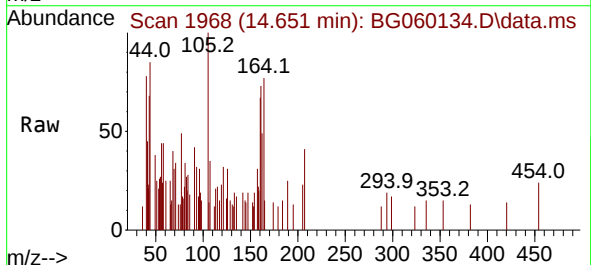
Tgt Ion:184 Resp: 66

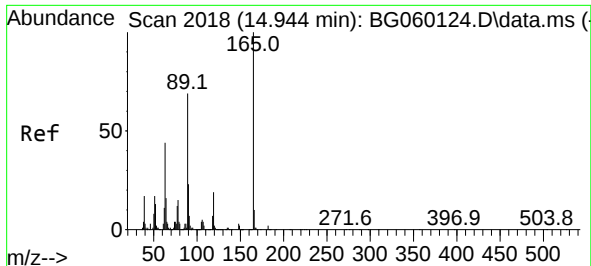
Ion Ratio Lower Upper

184 100

63 0.0 48.1 72.1#

154 128.7 44.3 66.5#

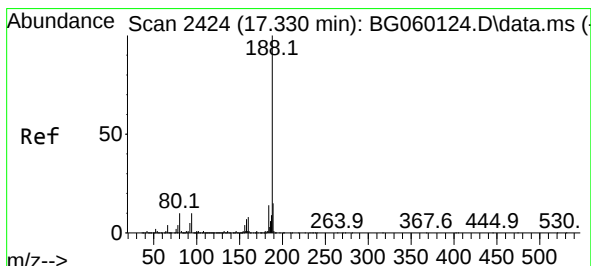
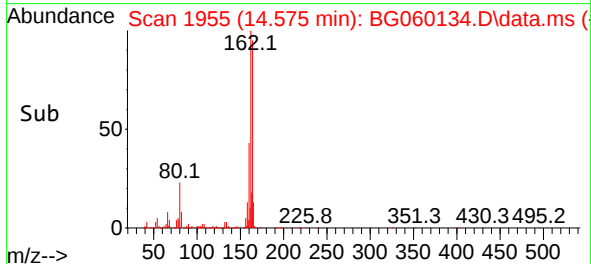
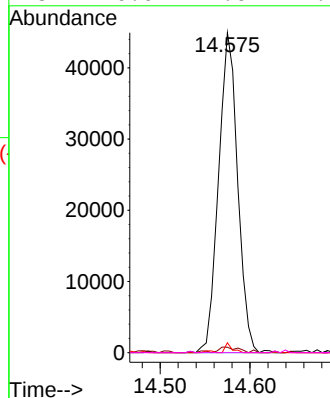
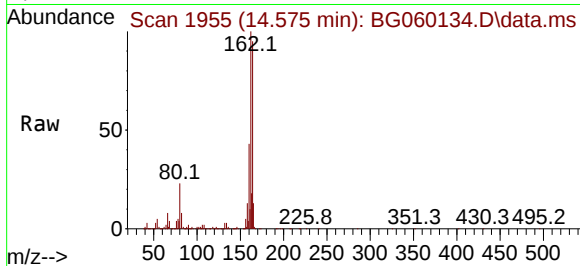




#57
2,4-Dinitrotoluene
Concen: 4.976 ng
RT: 14.575 min Scan# 1955
Delta R.T. -0.369 min
Lab File: BG060134.D
Acq: 22 Dec 2023 12:08

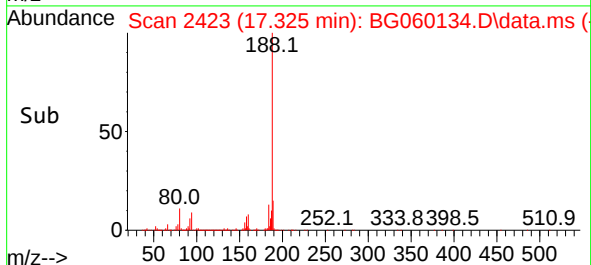
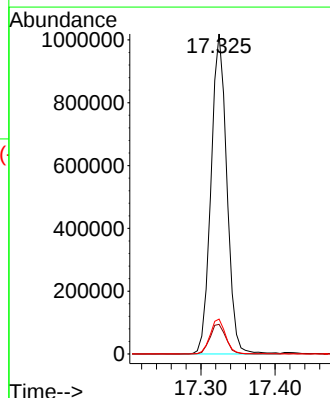
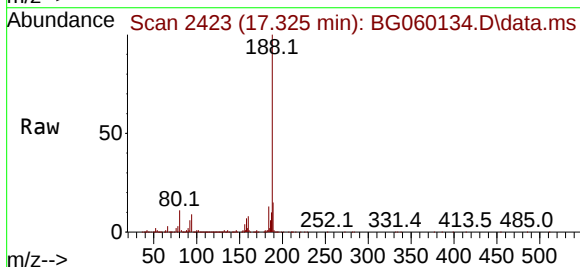
Instrument :
BNA_G
ClientSampleId :
GHL-SS-70aD

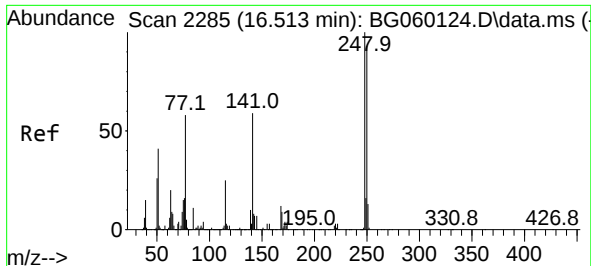
Tgt Ion:165 Resp: 66447
Ion Ratio Lower Upper
165 100
63 1.7 35.4 53.0#
89 3.1 55.6 83.4#
182 0.0 1.6 2.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.325 min Scan# 2423
Delta R.T. -0.005 min
Lab File: BG060134.D
Acq: 22 Dec 2023 12:08

Tgt Ion:188 Resp: 1511495
Ion Ratio Lower Upper
188 100
94 9.2 7.6 11.4
80 10.9 7.9 11.9

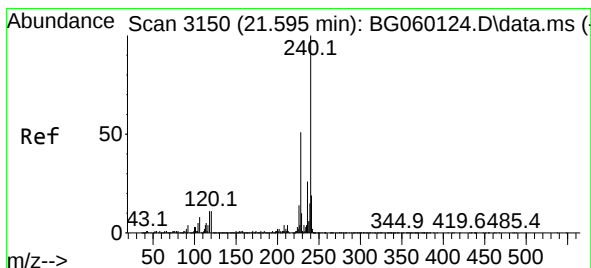
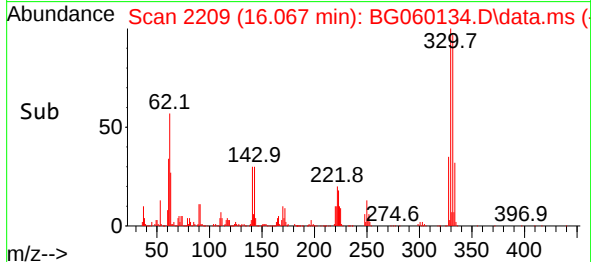
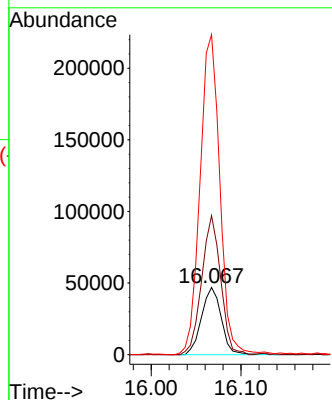
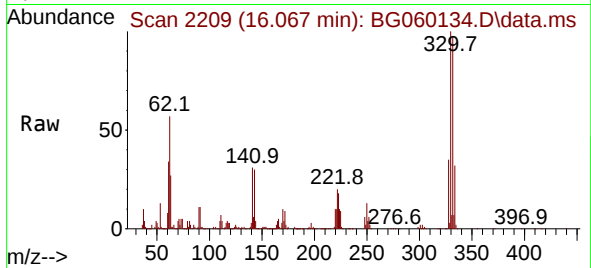




#67
4-Bromophenyl-phenylether
Concen: 5.032 ng
RT: 16.067 min Scan# 21
Delta R.T. -0.446 min
Lab File: BG060134.D
Acq: 22 Dec 2023 12:08

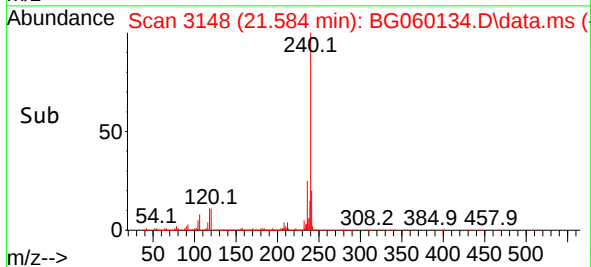
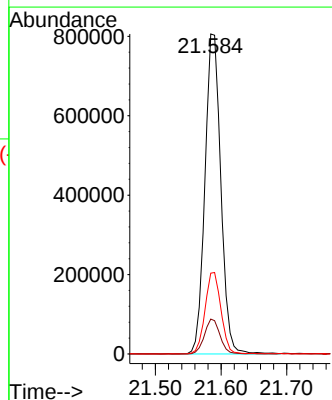
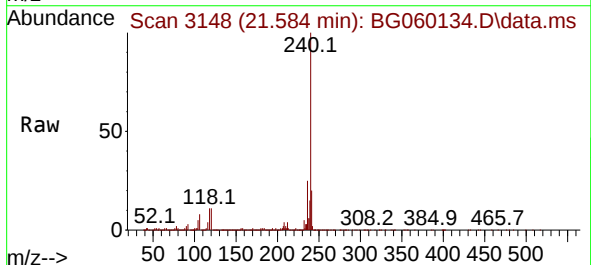
Instrument :
BNA_G
ClientSampleId :
GHL-SS-70aD

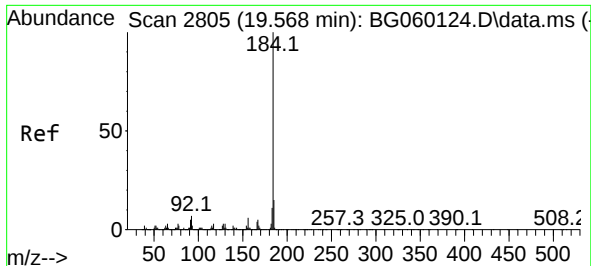
Tgt Ion:248 Resp: 71651
Ion Ratio Lower Upper
248 100
250 206.8 74.5 111.7#
141 475.9 47.4 71.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.584 min Scan# 3148
Delta R.T. -0.011 min
Lab File: BG060134.D
Acq: 22 Dec 2023 12:08

Tgt Ion:240 Resp: 1361300
Ion Ratio Lower Upper
240 100
120 10.9 9.0 13.6
236 25.3 20.4 30.6

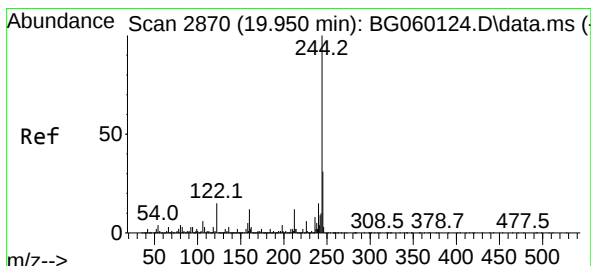
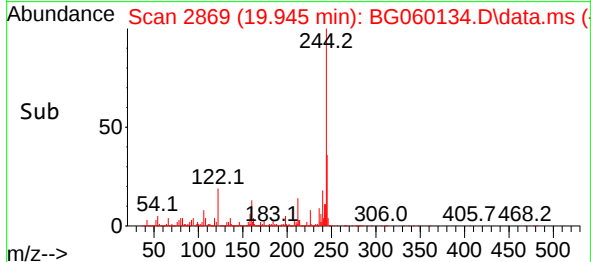
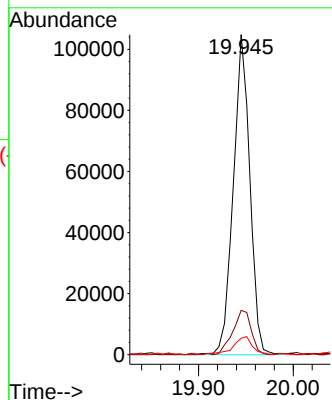
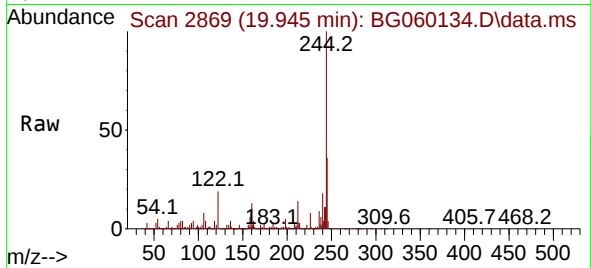




#77
Benzidine
Concen: 3.450 ng
RT: 19.945 min Scan# 2869
Delta R.T. 0.377 min
Lab File: BG060134.D
Acq: 22 Dec 2023 12:08

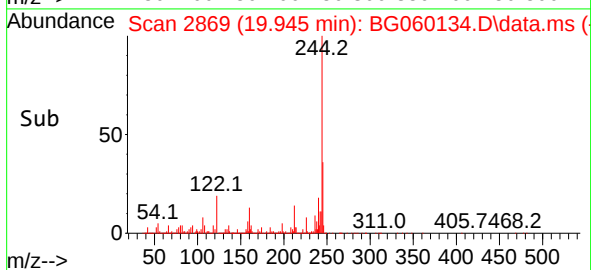
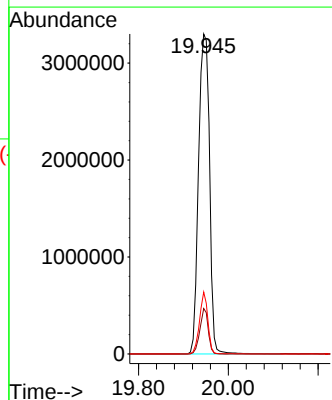
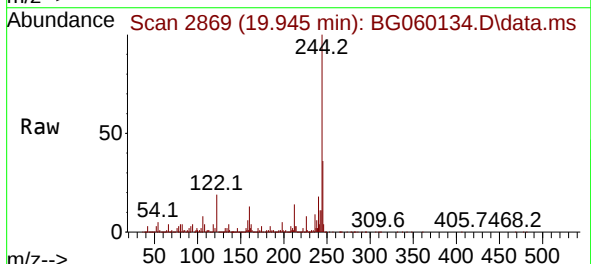
Instrument :
BNA_G
ClientSampleId :
GHL-SS-70aD

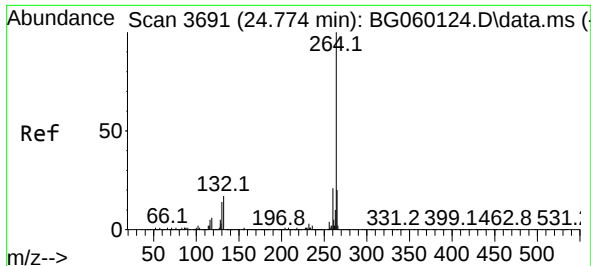
Tgt Ion:184 Resp: 126978
Ion Ratio Lower Upper
184 100
185 13.9 11.7 17.5
183 5.1 9.0 13.6#



#79
Terphenyl-d14
Concen: 74.260 ng
RT: 19.945 min Scan# 2869
Delta R.T. -0.005 min
Lab File: BG060134.D
Acq: 22 Dec 2023 12:08

Tgt Ion:244 Resp: 5586505
Ion Ratio Lower Upper
244 100
212 14.2 9.5 14.3
122 19.3 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: BG060134.D
Acq: 22 Dec 2023 12:08

Instrument :
BNA_G
ClientSampleId :
GHL-SS-70aD

Tgt Ion:264 Resp: 1231222

Ion	Ratio	Lower	Upper
264	100		
260	23.4	17.1	25.7
265	21.5	16.0	24.0

