

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122223\
 Data File : BG060137.D
 Acq On : 22 Dec 2023 14:10
 Operator : MA/JU
 Sample : 05898-10
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GHL-SS-74a

Quant Time: Dec 22 14:53:03 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)

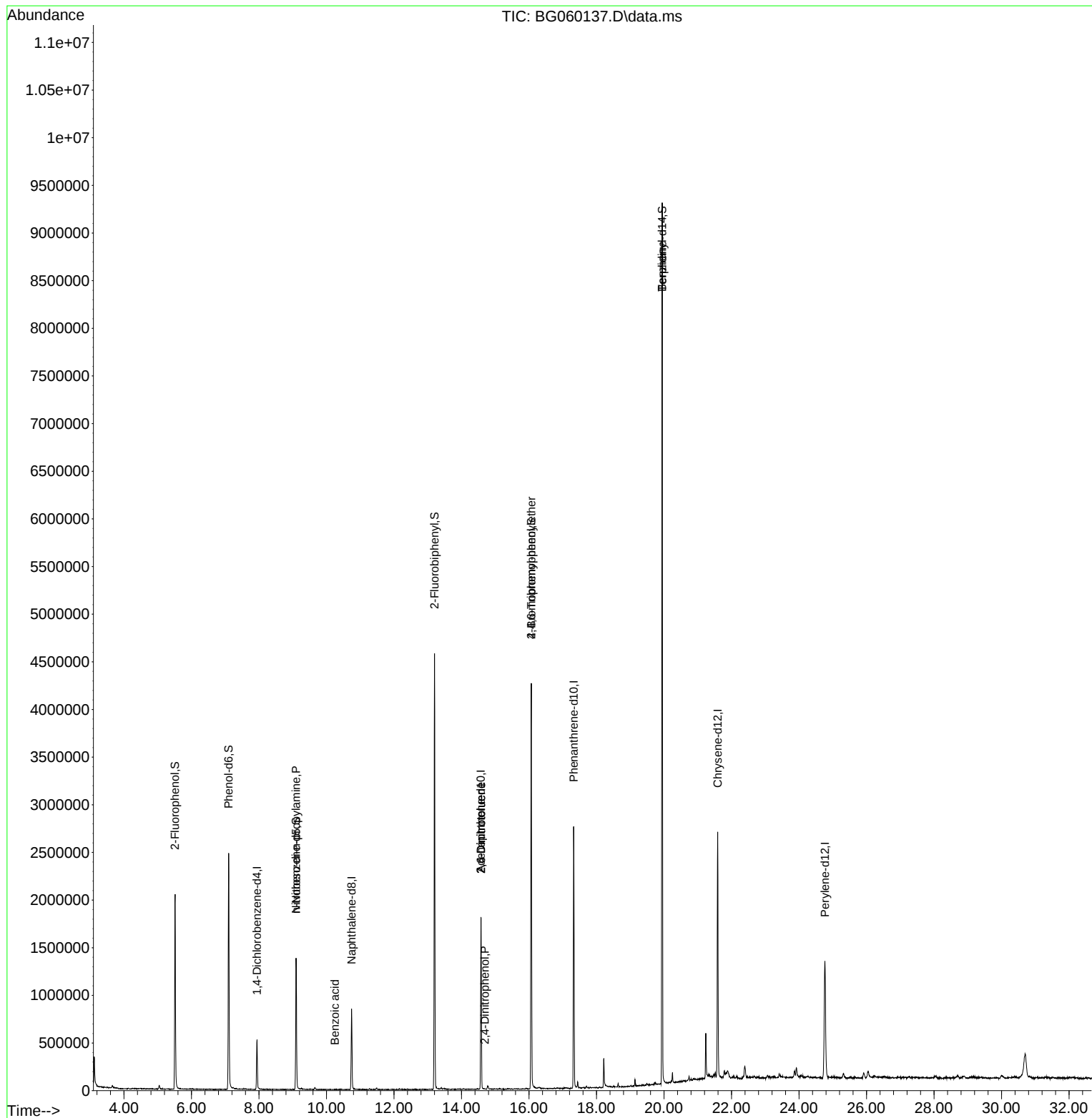
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.941	152	159078	20.000	ng	# 0.00
21) Naphthalene-d8	10.744	136	729057	20.000	ng	0.00
39) Acenaphthene-d10	14.574	164	657276	20.000	ng	0.00
64) Phenanthrene-d10	17.324	188	1794514	20.000	ng	0.00
76) Chrysene-d12	21.590	240	1347838	20.000	ng	0.00
86) Perylene-d12	24.768	264	1327372	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.514	112	1004646	99.513	ng	0.00
7) Phenol-d6	7.101	99	1583708	93.211	ng	0.00
23) Nitrobenzene-d5	9.098	82	896537	60.241	ng	0.00
42) 2,4,6-Tribromophenol	16.067	330	846359	95.637	ng	0.00
45) 2-Fluorobiphenyl	13.199	172	2472542	56.485	ng	0.00
79) Terphenyl-d14	19.945	244	4274607	57.388	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.098	70	112179	8.491	ng	# 86
32) Benzoic acid	10.250	122	75	5.095	ng	87
51) 2,6-Dinitrotoluene	14.580	165	85231	7.370	ng	# 25
54) 2,4-Dinitrophenol	14.692	184	66	6.627	ng	# 22
57) 2,4-Dinitrotoluene	14.580	165	85231	5.021	ng	# 25
67) 4-Bromophenyl-phenylether	16.067	248	51940	3.072	ng	# 1
77) Benzidine	19.945	184	73559	2.019	ng	# 92

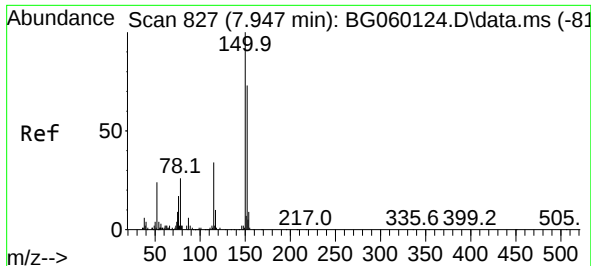
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122223\
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Quant 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

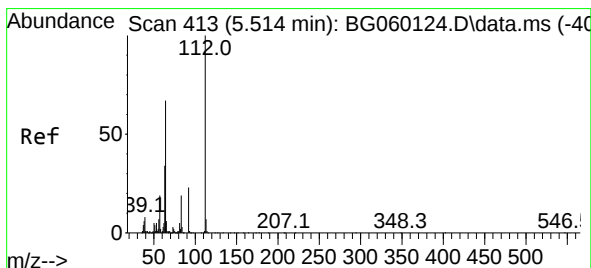
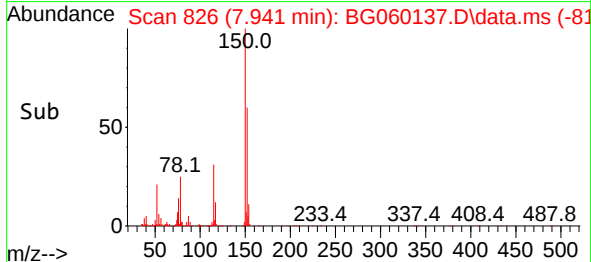
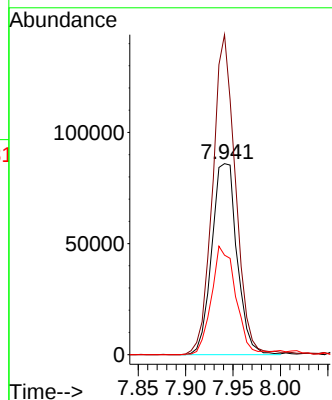
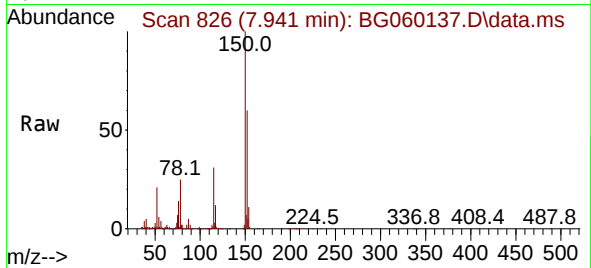




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.941 min Scan# 81
Delta R.T. -0.006 min
Lab File: BG060137.D
Acq: 22 Dec 2023 14:10

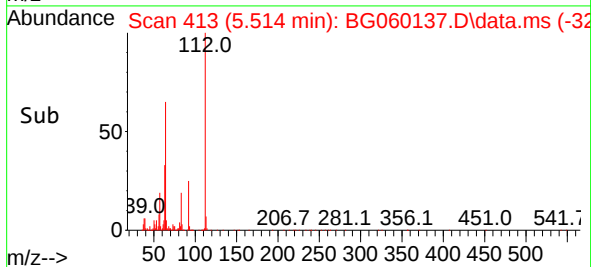
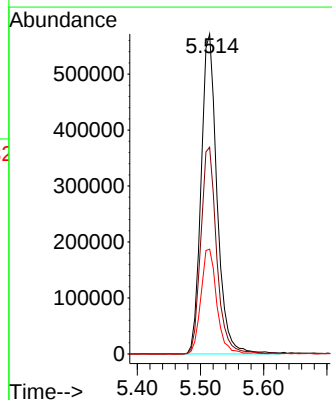
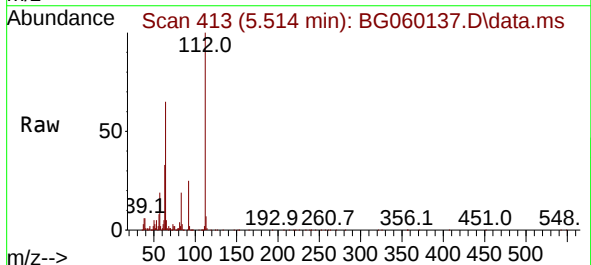
Instrument :
BNA_G
ClientSampleId :
GHL-SS-74a

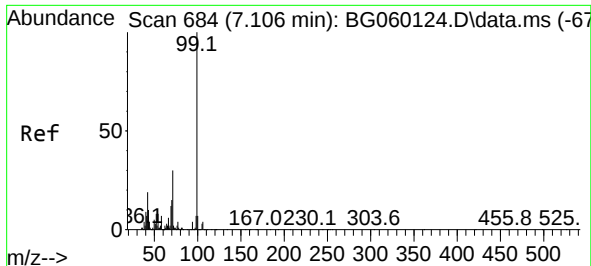
Tgt Ion:152 Resp: 159078
Ion Ratio Lower Upper
152 100
150 167.5 109.4 164.0#
115 52.1 36.5 54.7



#5
2-Fluorophenol
Concen: 99.513 ng
RT: 5.514 min Scan# 413
Delta R.T. 0.000 min
Lab File: BG060137.D
Acq: 22 Dec 2023 14:10

Tgt Ion:112 Resp: 1004646
Ion Ratio Lower Upper
112 100
64 64.6 53.3 79.9
63 32.8 27.1 40.7

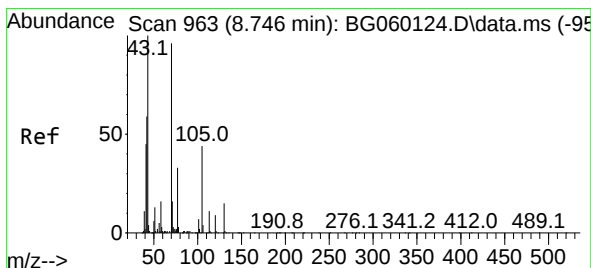
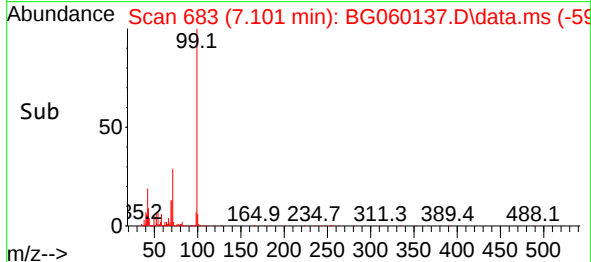
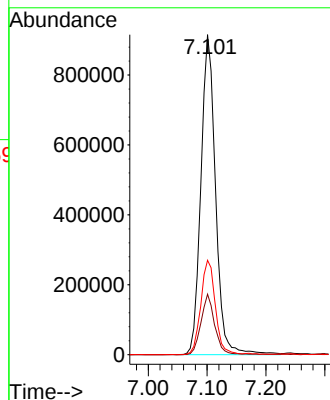
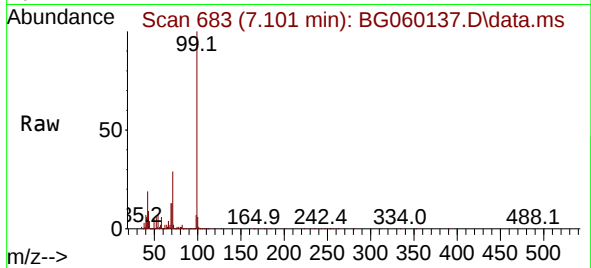




#7
Phenol-d6
Concen: 93.211 ng
RT: 7.101 min Scan# 61
Delta R.T. -0.006 min
Lab File: BG060137.D
Acq: 22 Dec 2023 14:10

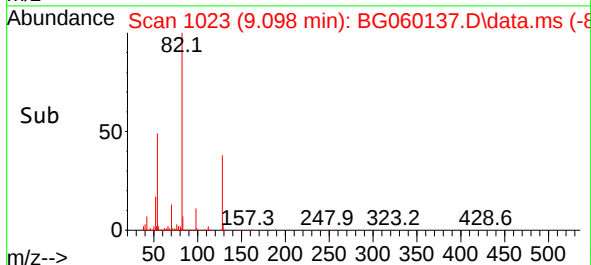
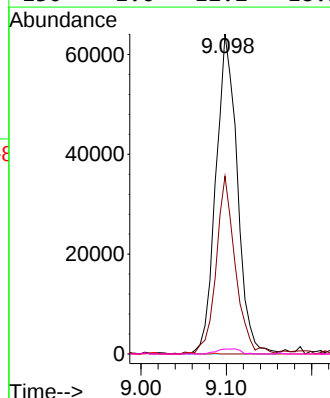
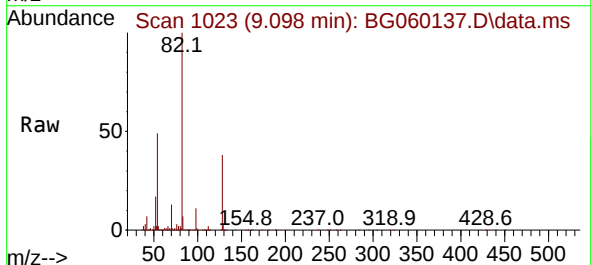
Instrument :
BNA_G
ClientSampleId :
GHL-SS-74a

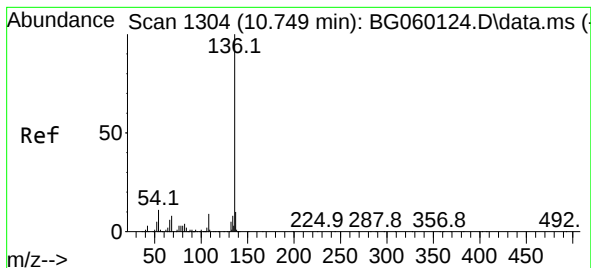
Tgt Ion: 99 Resp: 1583708
Ion Ratio Lower Upper
99 100
42 18.9 15.2 22.8
71 29.5 24.2 36.2



#19
n-Nitroso-di-n-propylamine
Concen: 8.491 ng
RT: 9.098 min Scan# 1023
Delta R.T. 0.353 min
Lab File: BG060137.D
Acq: 22 Dec 2023 14:10

Tgt Ion: 70 Resp: 112179
Ion Ratio Lower Upper
70 100
42 55.6 49.6 74.4
101 0.0 6.2 9.4#
130 1.6 12.2 18.2#



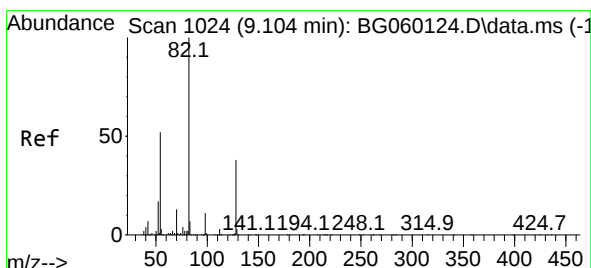
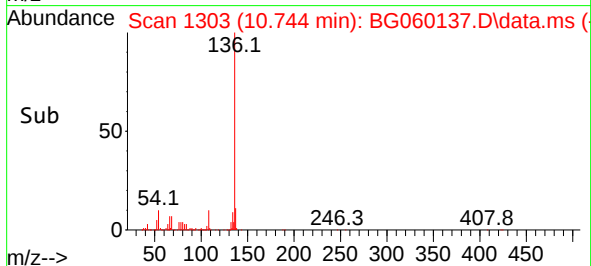
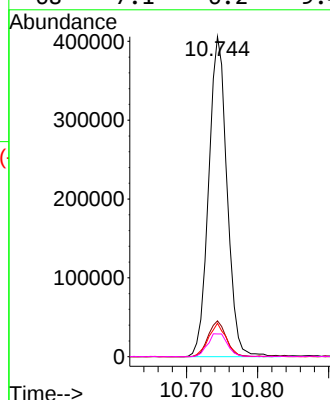
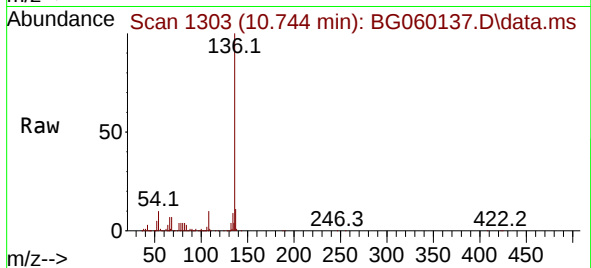


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.744 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG060137.D
Acq: 22 Dec 2023 14:10

Instrument :
BNA_G
ClientSampleId :
GHL-SS-74a

Tgt Ion:136 Resp: 729057

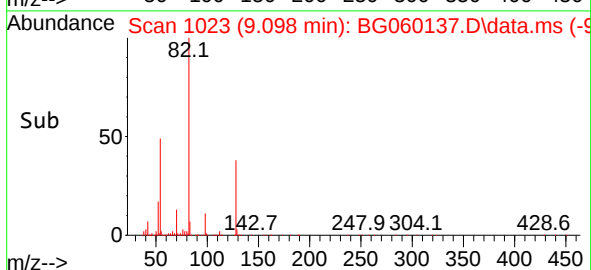
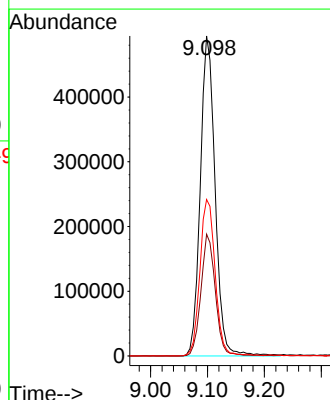
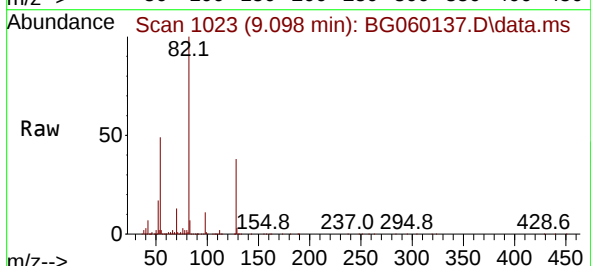
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.1	12.1
54	10.4	8.7	13.1
68	7.1	6.2	9.4

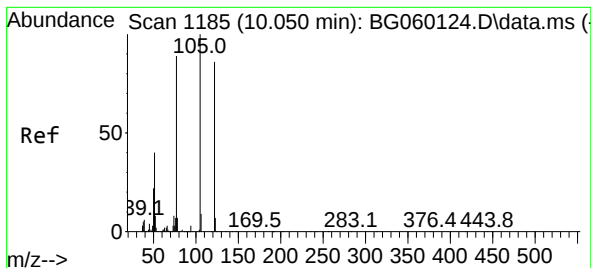


#23
Nitrobenzene-d5
Concen: 60.241 ng
RT: 9.098 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BG060137.D
Acq: 22 Dec 2023 14:10

Tgt Ion: 82 Resp: 896537

Ion	Ratio	Lower	Upper
82	100		
128	38.1	30.5	45.7
54	48.9	41.9	62.9

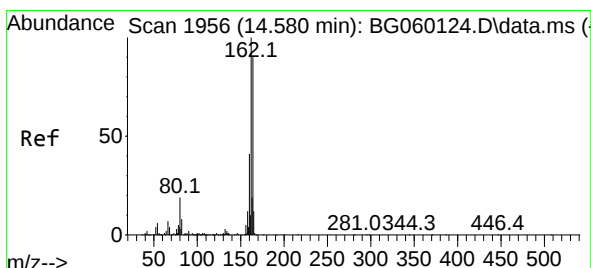
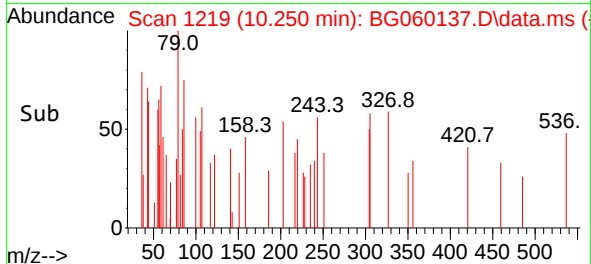
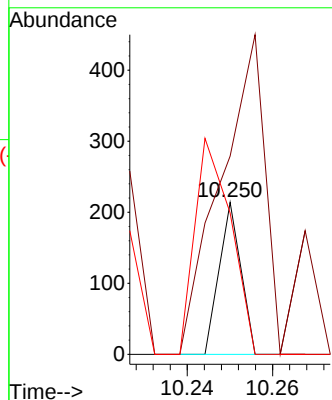
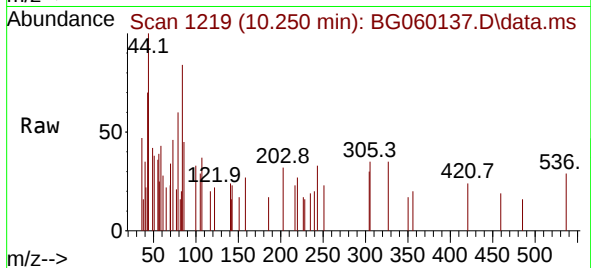




#32
Benzoic acid
Concen: 5.095 ng
RT: 10.250 min Scan# 1185
Delta R.T. 0.200 min
Lab File: BG060137.D
Acq: 22 Dec 2023 14:10

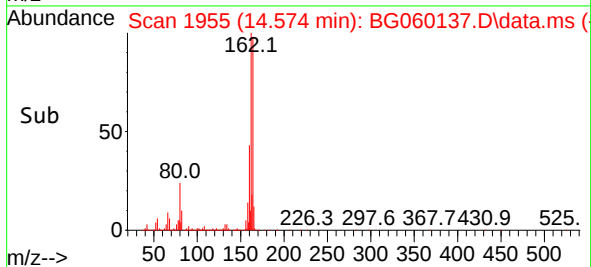
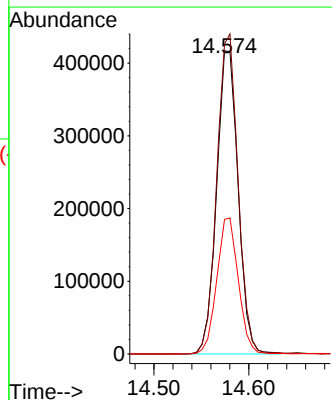
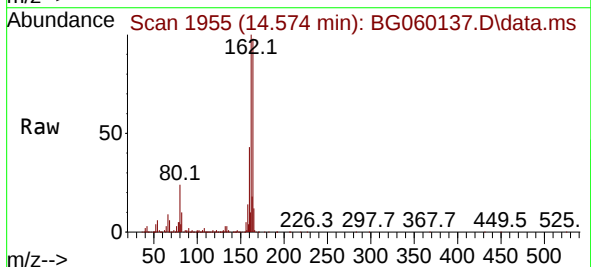
Instrument :
BNA_G
ClientSampleId :
GHL-SS-74a

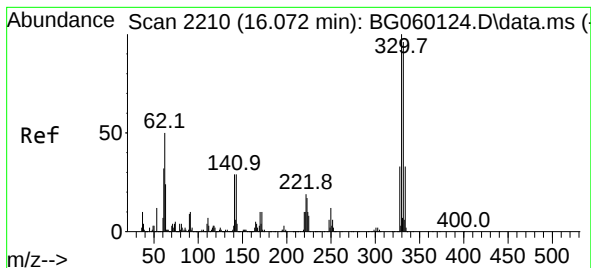
Tgt Ion:122 Resp: 75
Ion Ratio Lower Upper
122 100
105 130.4 93.2 133.2
77 93.0 81.7 121.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.574 min Scan# 1955
Delta R.T. -0.006 min
Lab File: BG060137.D
Acq: 22 Dec 2023 14:10

Tgt Ion:164 Resp: 657276
Ion Ratio Lower Upper
164 100
162 102.2 88.5 132.7
160 44.4 36.2 54.2





#42

2,4,6-Tribromophenol

Concen: 95.637 ng

RT: 16.067 min Scan# 21

Delta R.T. -0.006 min

Lab File: BG060137.D

Acq: 22 Dec 2023 14:10

Instrument :

BNA_G

ClientSampleId :

GHL-SS-74a

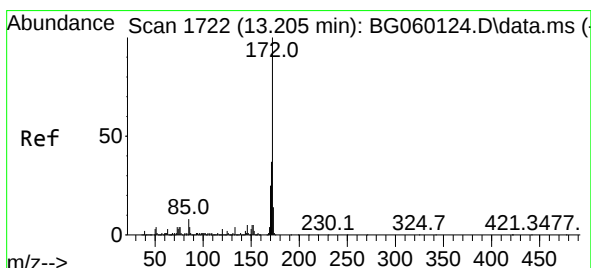
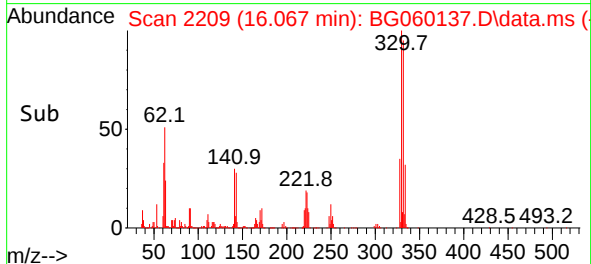
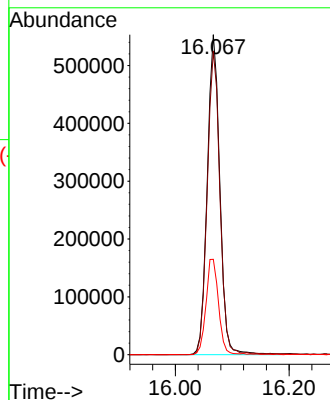
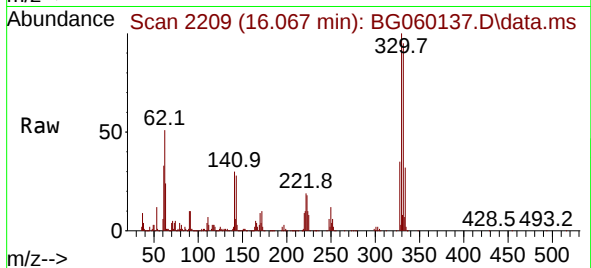
Tgt Ion:330 Resp: 846359

Ion Ratio Lower Upper

330 100

332 95.3 75.5 113.3

141 30.0 24.7 37.1



#45

2-Fluorobiphenyl

Concen: 56.485 ng

RT: 13.199 min Scan# 1721

Delta R.T. -0.006 min

Lab File: BG060137.D

Acq: 22 Dec 2023 14:10

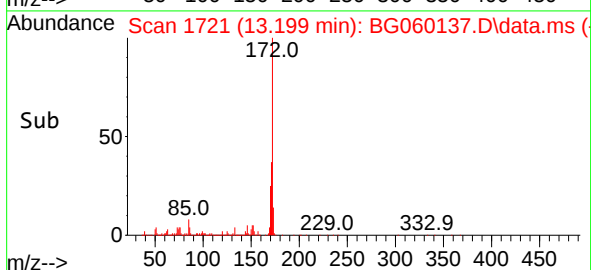
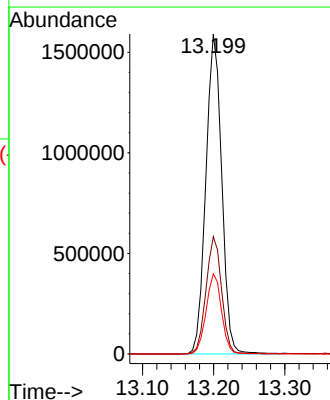
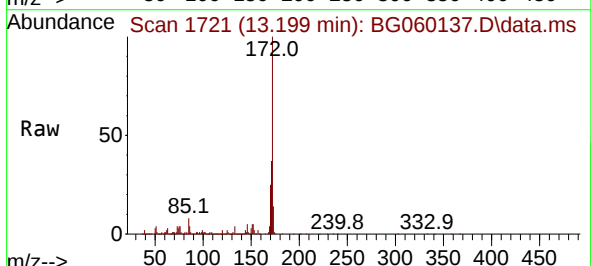
Tgt Ion:172 Resp: 2472542

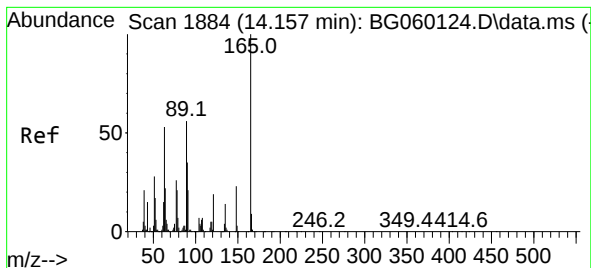
Ion Ratio Lower Upper

172 100

171 36.7 29.2 43.8

170 25.1 20.1 30.1

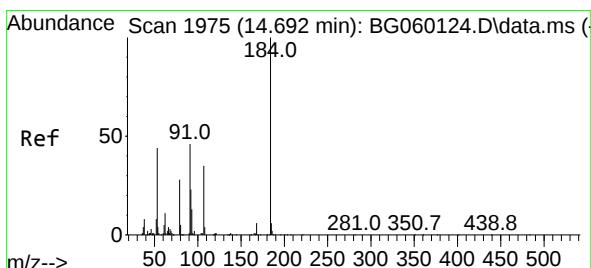
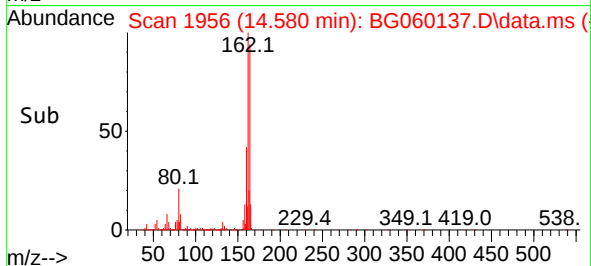
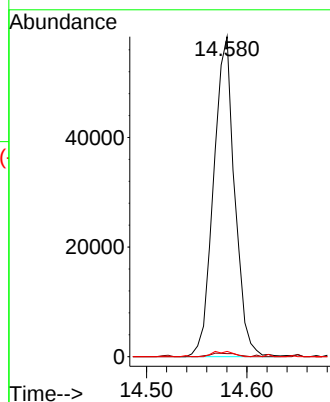
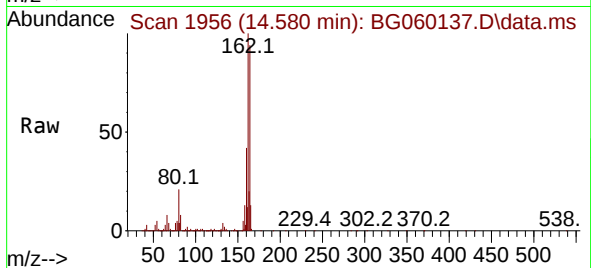




#51
2,6-Dinitrotoluene
Concen: 7.370 ng
RT: 14.580 min Scan# 1956
Delta R.T. 0.423 min
Lab File: BG060137.D
Acq: 22 Dec 2023 14:10

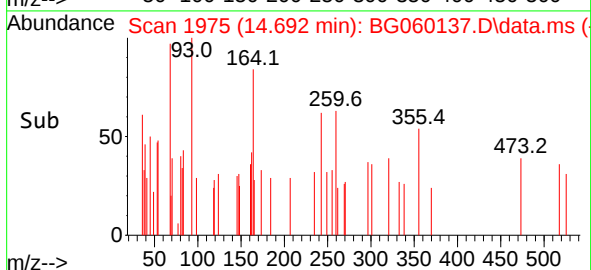
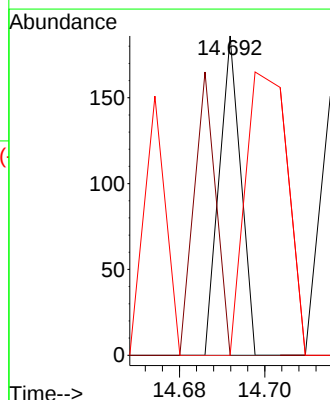
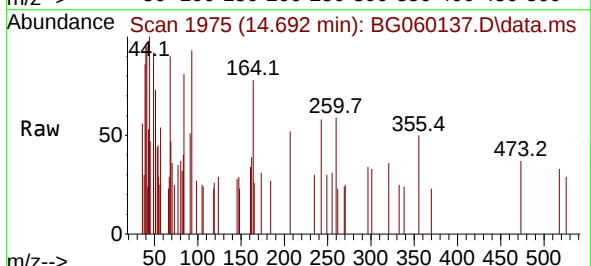
Instrument :
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GHL-SS-74a

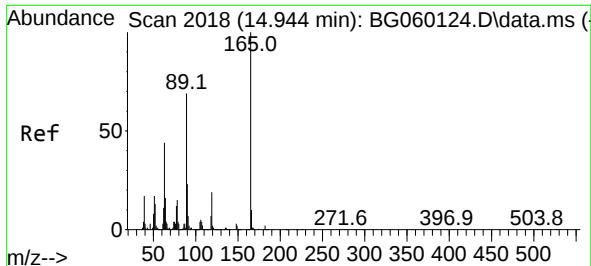
Tgt Ion:165 Resp: 85231
Ion Ratio Lower Upper
165 100
63 0.9 45.4 68.2#
89 1.6 44.6 66.8#



#54
2,4-Dinitrophenol
Concen: 6.627 ng
RT: 14.692 min Scan# 1975
Delta R.T. -0.000 min
Lab File: BG060137.D
Acq: 22 Dec 2023 14:10

Tgt Ion:184 Resp: 66
Ion Ratio Lower Upper
184 100
63 0.0 48.1 72.1#
154 0.0 44.3 66.5#

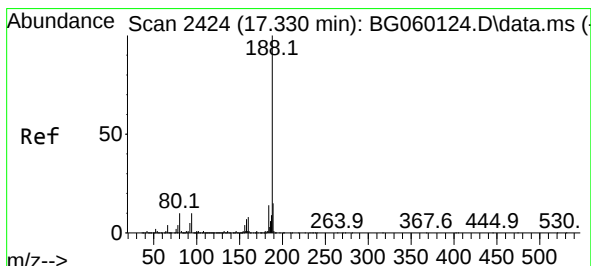
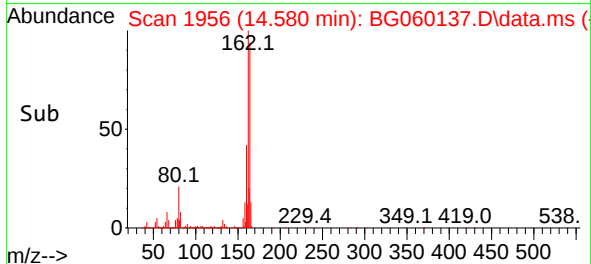
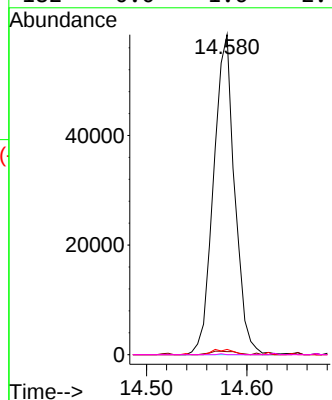
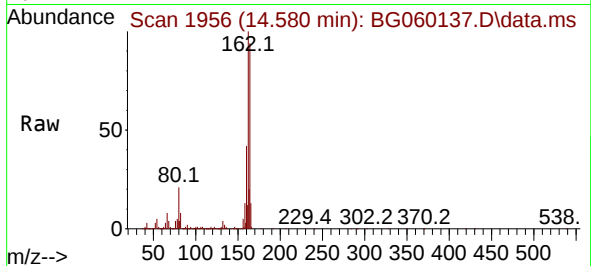




#57
2,4-Dinitrotoluene
Concen: 5.021 ng
RT: 14.580 min Scan# 1956
Delta R.T. -0.364 min
Lab File: BG060137.D
Acq: 22 Dec 2023 14:10

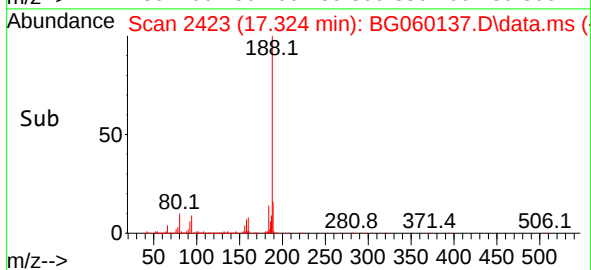
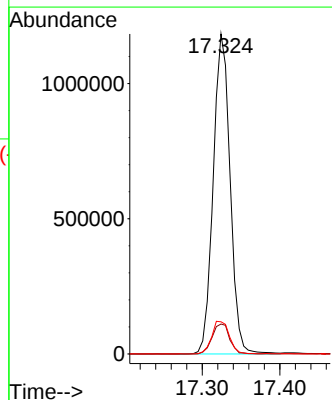
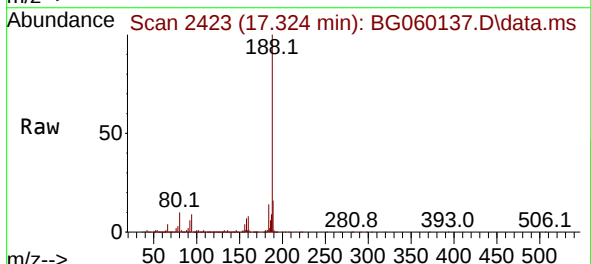
Instrument :
BNA_G
ClientSampleId :
GHL-SS-74a

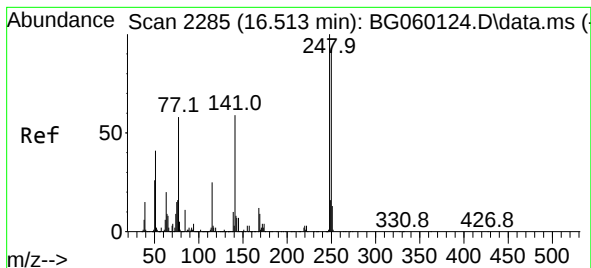
Tgt Ion:165 Resp: 85231
Ion Ratio Lower Upper
165 100
63 0.9 35.4 53.0#
89 1.6 55.6 83.4#
182 0.0 1.6 2.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.324 min Scan# 2423
Delta R.T. -0.006 min
Lab File: BG060137.D
Acq: 22 Dec 2023 14:10

Tgt Ion:188 Resp: 1794514
Ion Ratio Lower Upper
188 100
94 9.3 7.6 11.4
80 10.1 7.9 11.9

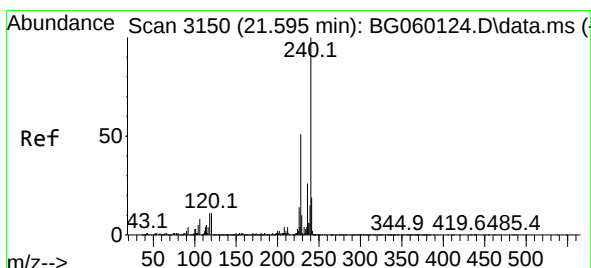
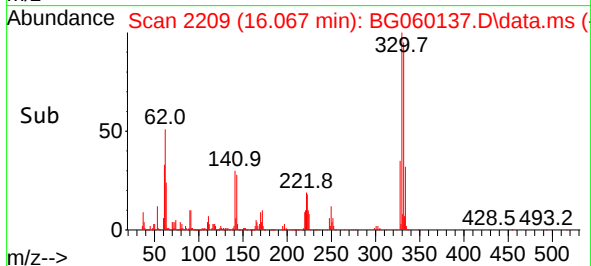
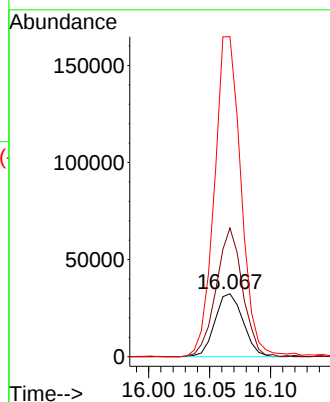
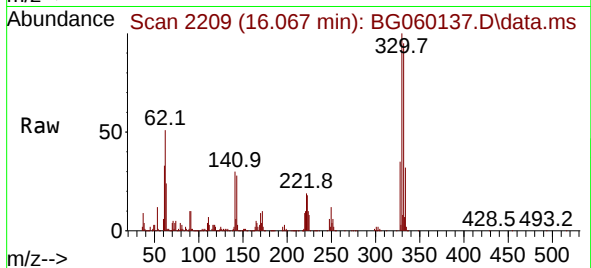




#67
4-Bromophenyl-phenylether
Concen: 3.072 ng
RT: 16.067 min Scan# 21
Delta R.T. -0.446 min
Lab File: BG060137.D
Acq: 22 Dec 2023 14:10

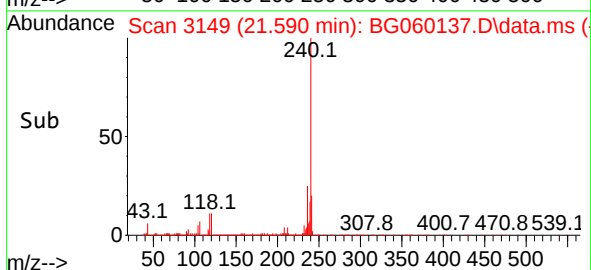
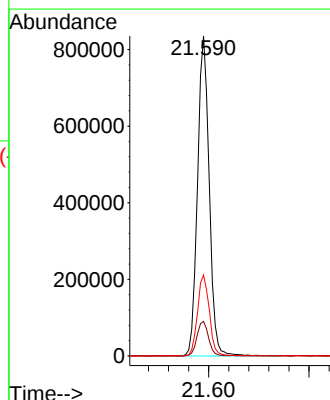
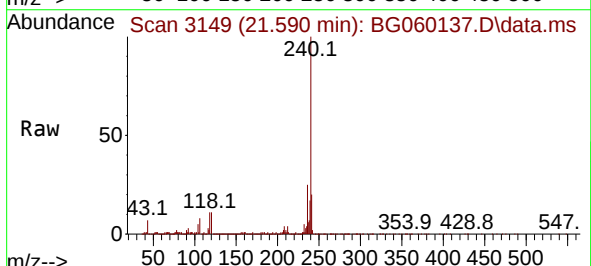
Instrument :
BNA_G
ClientSampleId :
GHL-SS-74a

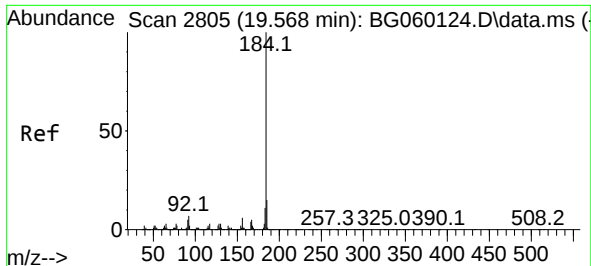
Tgt Ion:248 Resp: 51940
Ion Ratio Lower Upper
248 100
250 264.5 74.5 111.7#
141 508.3 47.4 71.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.590 min Scan# 3149
Delta R.T. -0.006 min
Lab File: BG060137.D
Acq: 22 Dec 2023 14:10

Tgt Ion:240 Resp: 1347838
Ion Ratio Lower Upper
240 100
120 10.8 9.0 13.6
236 25.3 20.4 30.6

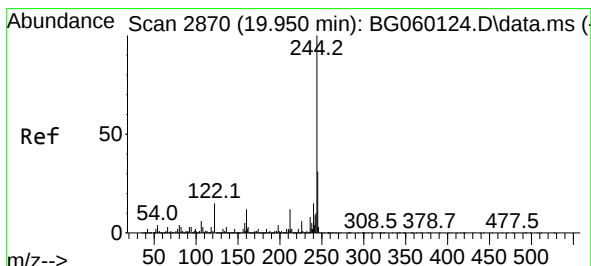
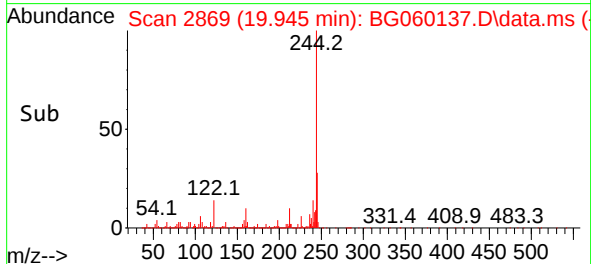
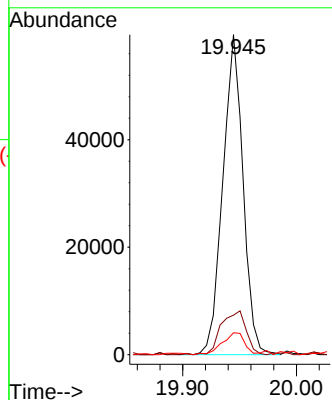
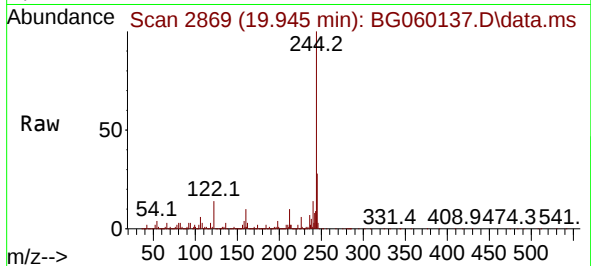




#77
Benzidine
Concen: 2.019 ng
RT: 19.945 min Scan# 2869
Delta R.T. 0.376 min
Lab File: BG060137.D
Acq: 22 Dec 2023 14:10

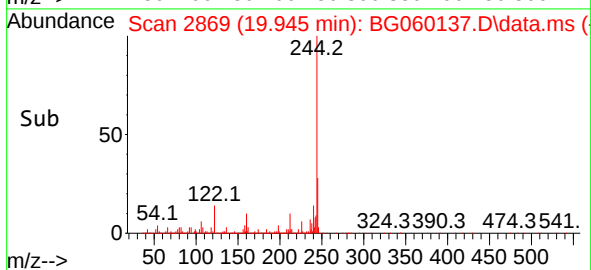
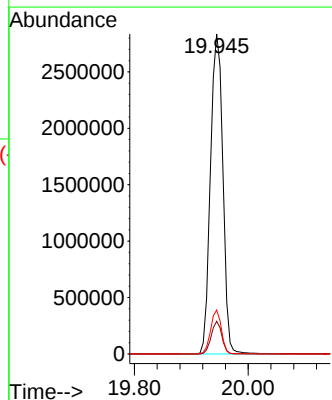
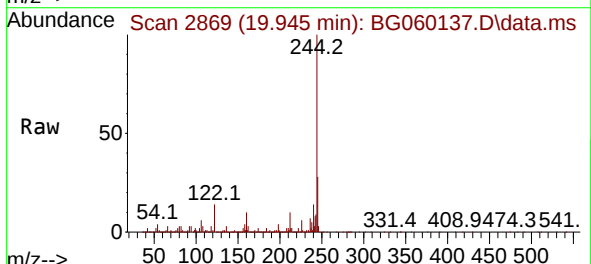
Instrument :
BNA_G
ClientSampleId :
GHL-SS-74a

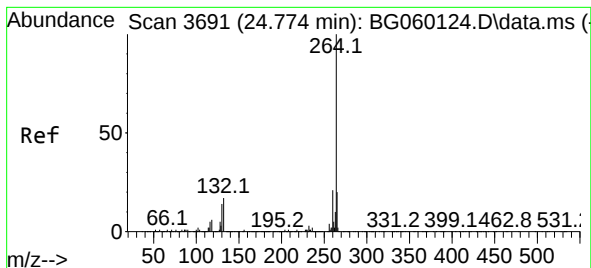
Tgt Ion:184 Resp: 73559
Ion Ratio Lower Upper
184 100
185 12.3 11.7 17.5
183 6.8 9.0 13.6#



#79
Terphenyl-d14
Concen: 57.388 ng
RT: 19.945 min Scan# 2869
Delta R.T. -0.005 min
Lab File: BG060137.D
Acq: 22 Dec 2023 14:10

Tgt Ion:244 Resp: 4274607
Ion Ratio Lower Upper
244 100
212 10.2 9.5 14.3
122 13.8 12.2 18.4





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.768 min Scan# 30

Delta R.T. -0.006 min

Lab File: BG060137.D

Acq: 22 Dec 2023 14:10

Instrument :

BNA_G

ClientSampleId :

GHL-SS-74a

Tgt Ion:264 Resp: 1327372

Ion Ratio Lower Upper

264 100

260 23.3 17.1 25.7

265 22.2 16.0 24.0

