

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012623\
 Data File : BG056451.D
 Acq On : 26 Jan 2023 20:35
 Operator : CG/JU
 Sample : 01279-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CL-1-012423

Quant Time: Jan 27 01:02:19 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 25 04:54:56 2023
 Response via : Initial Calibration

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

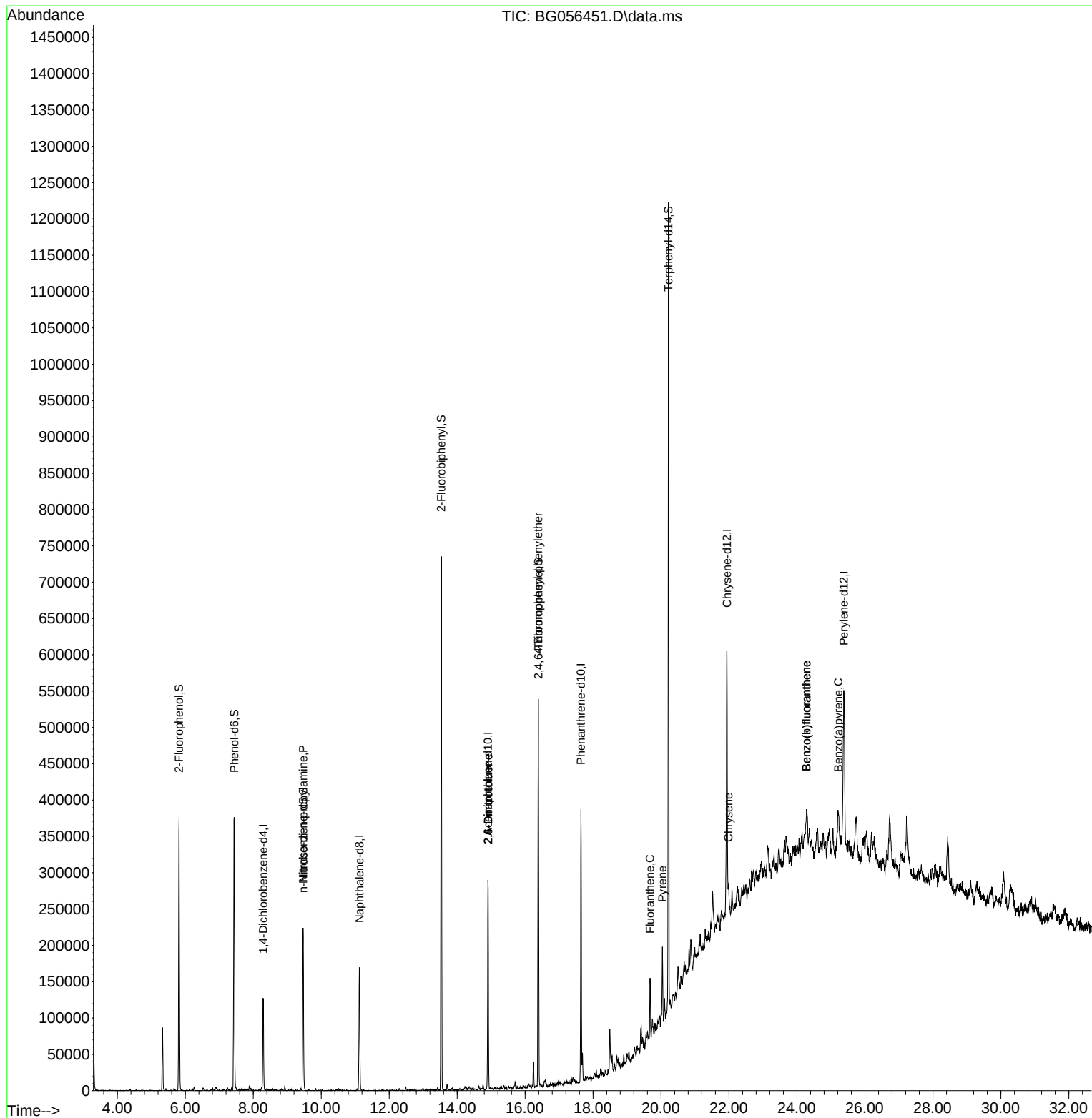
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.290	152	43857	20.000	ng	0.00
21) Naphthalene-d8	11.122	136	158888	20.000	ng	0.00
39) Acenaphthene-d10	14.906	164	113712	20.000	ng	0.00
64) Phenanthrene-d10	17.644	188	259771	20.000	ng	0.00
76) Chrysene-d12	21.939	240	247654	20.000	ng	# 0.00
86) Perylene-d12	25.376	264	265703	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.817	112	220974	89.962	ng	0.00
7) Phenol-d6	7.438	99	299868	79.495	ng	0.00
23) Nitrobenzene-d5	9.465	82	159500	51.349	ng	0.00
42) 2,4,6-Tribromophenol	16.393	330	116870	81.152	ng	0.00
45) 2-Fluorobiphenyl	13.531	172	427010	51.855	ng	0.00
79) Terphenyl-d14	20.217	244	630738	45.615	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.471	70	19814	8.638	ng	# 74
51) 2,6-Dinitrotoluene	14.912	165	15406	7.876	ng	# 33
57) 2,4-Dinitrotoluene	14.912	165	15406	5.632	ng	# 29
67) 4-Bromophenyl-phenylether	16.387	248	9263	2.800	ng	# 1
75) Fluoranthene	19.677	202	54389	3.097	ng	96
78) Pyrene	20.041	202	61530	3.525	ng	96
83) Chrysene	21.986	228	45639	2.801	ng	# 91
88) Benzo(b)fluoranthene	24.277	252	45661	2.705	ng	# 53
89) Benzo(k)fluoranthene	24.277	252	45661	2.716	ng	# 53
90) Benzo(a)pyrene	25.218	252	35439	2.152	ng	# 74

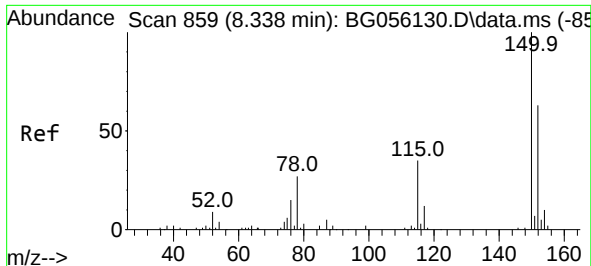
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012623\
Data File : BG056451.D
Acq On : 26 Jan 2023 20:35
Operator : CG/JU
Sample : 01279-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CL-1-012423

Quant Time: Jan 27 01:02:19 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 25 04:54:56 2023
Response via : Initial Calibration

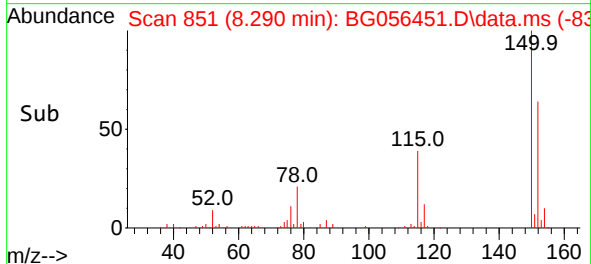
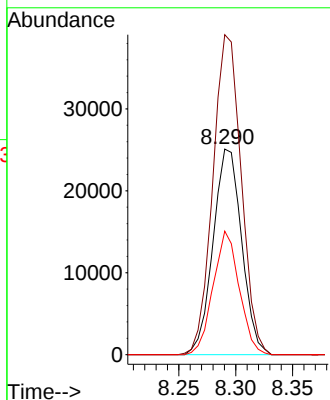
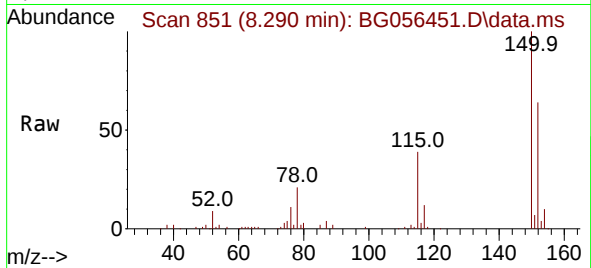




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.290 min Scan# 81
Delta R.T. -0.003 min
Lab File: BG056451.D
Acq: 26 Jan 2023 20:35

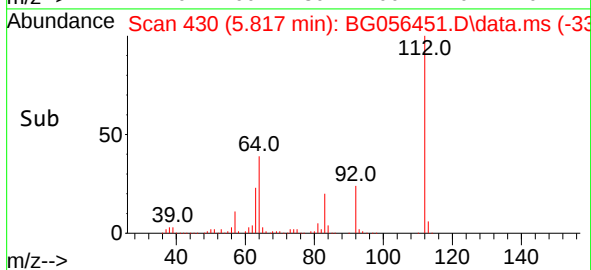
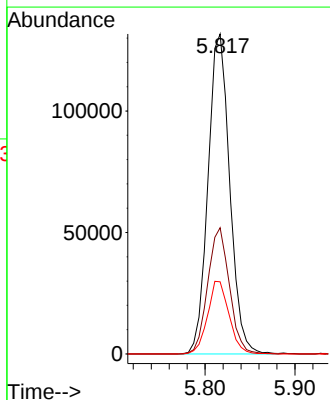
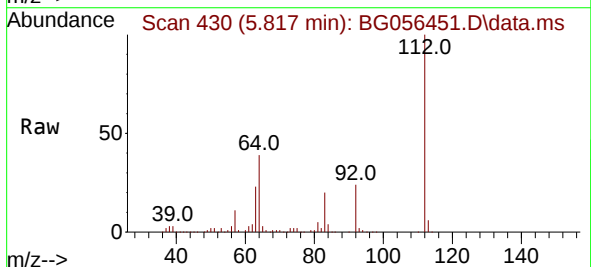
Instrument :
BNA_G
ClientSampleId :
CL-1-012423

Tgt Ion:152 Resp: 43857
Ion Ratio Lower Upper
152 100
150 155.6 127.9 191.9
115 60.1 44.2 66.2



#5
2-Fluorophenol
Concen: 89.962 ng
RT: 5.817 min Scan# 430
Delta R.T. 0.003 min
Lab File: BG056451.D
Acq: 26 Jan 2023 20:35

Tgt Ion:112 Resp: 220974
Ion Ratio Lower Upper
112 100
64 39.4 33.3 49.9
63 22.6 19.0 28.4

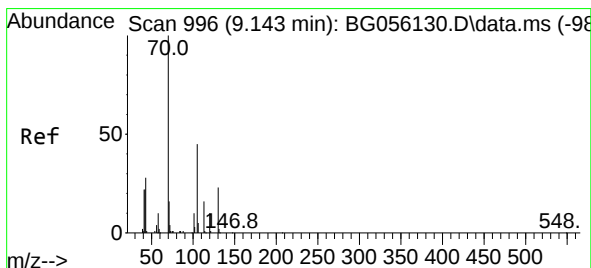
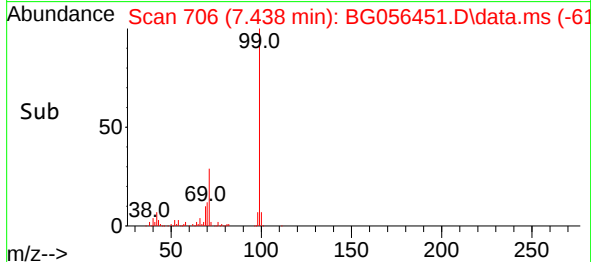
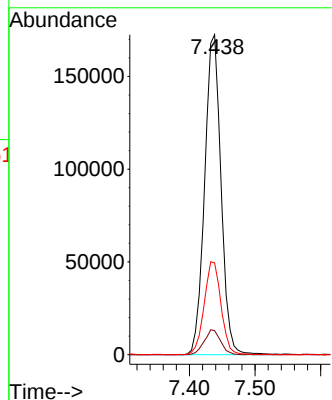
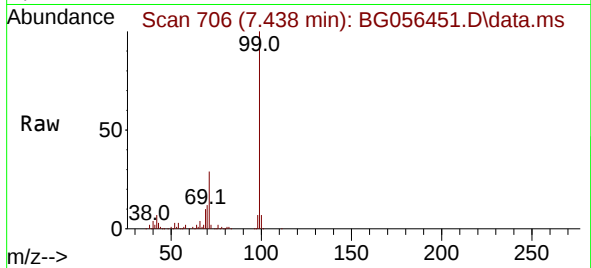




#7
Phenol-d6
Concen: 79.495 ng
RT: 7.438 min Scan# 706
Delta R.T. 0.003 min
Lab File: BG056451.D
Acq: 26 Jan 2023 20:35

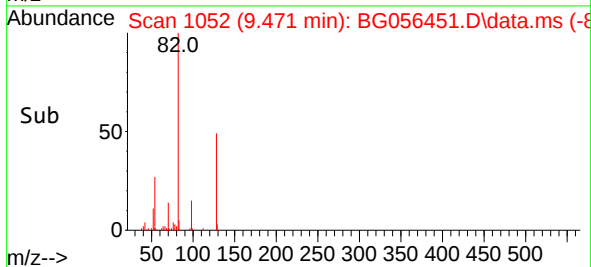
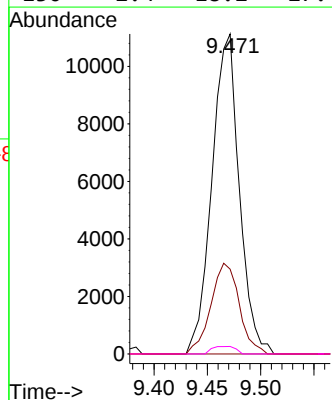
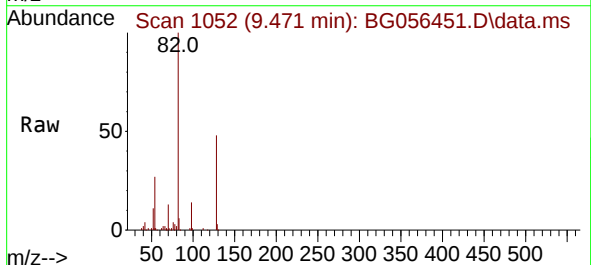
Instrument :
BNA_G
ClientSampleId :
CL-1-012423

Tgt Ion: 99 Resp: 299868
Ion Ratio Lower Upper
99 100
42 7.5 5.9 8.9
71 28.7 25.4 38.2



#19
n-Nitroso-di-n-propylamine
Concen: 8.638 ng
RT: 9.471 min Scan# 1052
Delta R.T. 0.373 min
Lab File: BG056451.D
Acq: 26 Jan 2023 20:35

Tgt Ion: 70 Resp: 19814
Ion Ratio Lower Upper
70 100
42 26.5 18.2 27.2
101 0.0 8.3 12.5#
130 2.4 18.2 27.4#

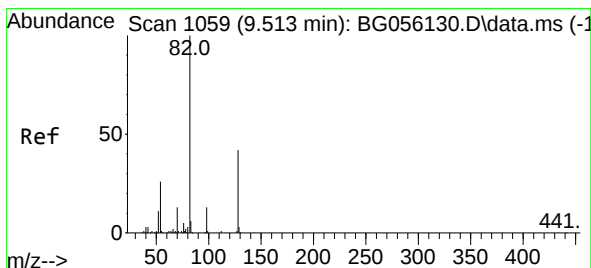
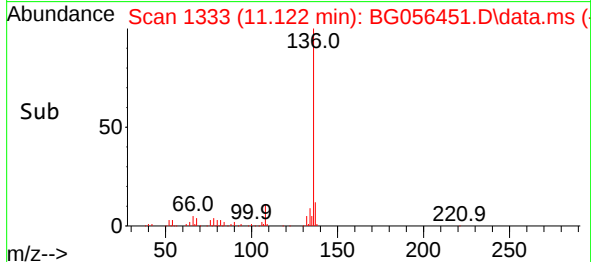
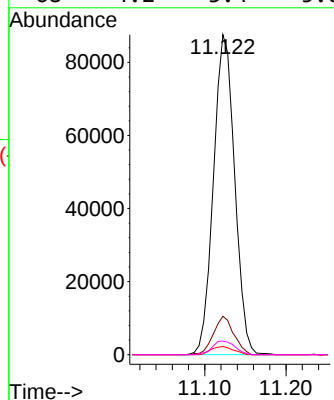
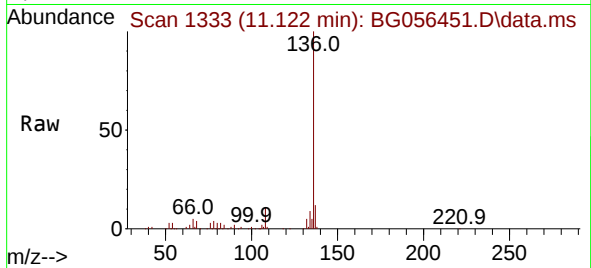




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.122 min Scan# 11
Delta R.T. -0.009 min
Lab File: BG056451.D
Acq: 26 Jan 2023 20:35

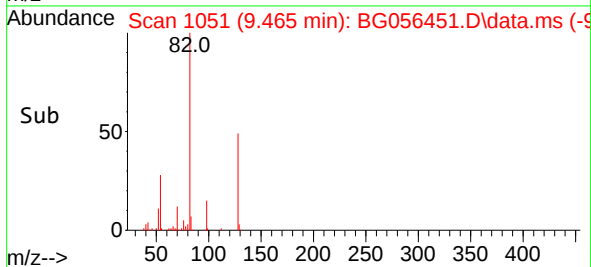
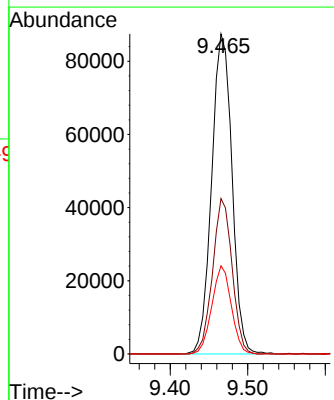
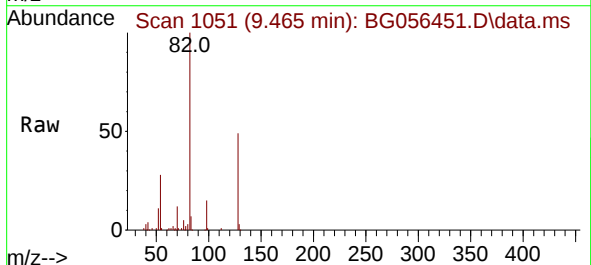
Instrument :
BNA_G
ClientSampleId :
CL-1-012423

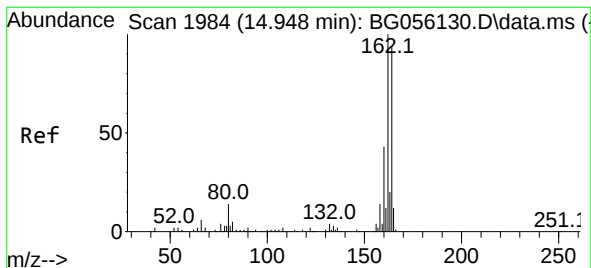
Tgt Ion:136 Resp: 158888
Ion Ratio Lower Upper
136 100
137 12.0 9.4 14.0
54 2.6 2.2 3.2
68 4.2 3.4 5.0



#23
Nitrobenzene-d5
Concen: 51.349 ng
RT: 9.465 min Scan# 1051
Delta R.T. -0.009 min
Lab File: BG056451.D
Acq: 26 Jan 2023 20:35

Tgt Ion: 82 Resp: 159500
Ion Ratio Lower Upper
82 100
128 48.6 33.4 50.2
54 27.5 20.3 30.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.906 min Scan# 1984

Delta R.T. -0.009 min

Lab File: BG056451.D

Acq: 26 Jan 2023 20:35

Instrument :

BNA_G

ClientSampleId :

CL-1-012423

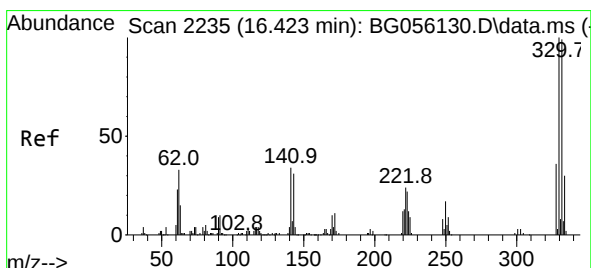
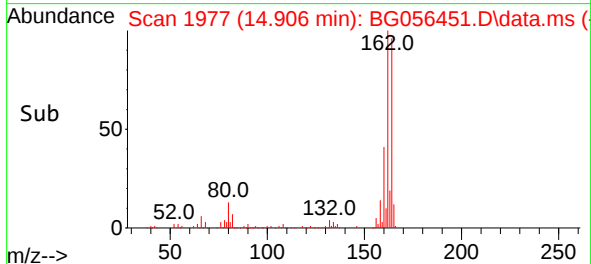
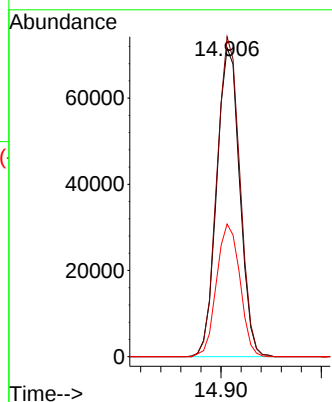
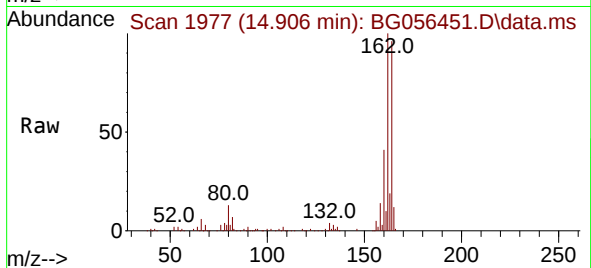
Tgt Ion:164 Resp: 113712

Ion Ratio Lower Upper

164 100

162 103.7 84.7 127.1

160 42.9 36.3 54.5



#42

2,4,6-Tribromophenol

Concen: 81.152 ng

RT: 16.393 min Scan# 2230

Delta R.T. -0.003 min

Lab File: BG056451.D

Acq: 26 Jan 2023 20:35

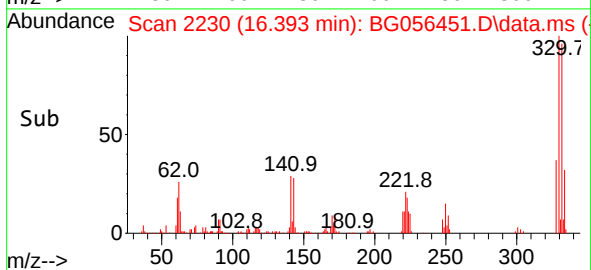
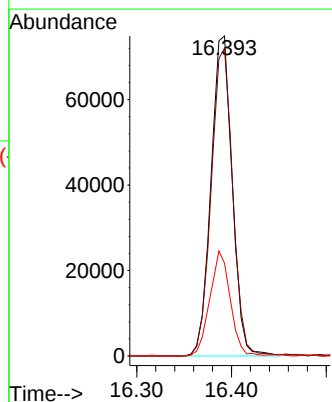
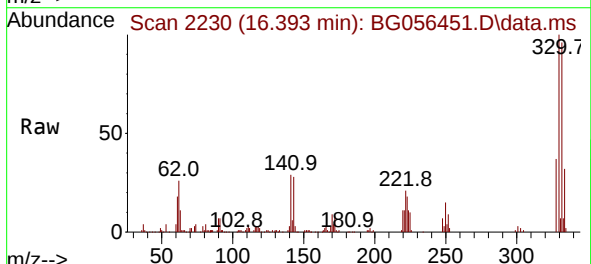
Tgt Ion:330 Resp: 116870

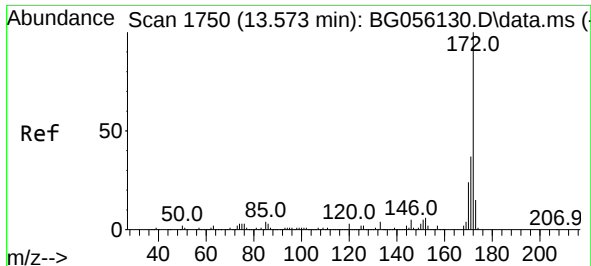
Ion Ratio Lower Upper

330 100

332 97.3 77.3 115.9

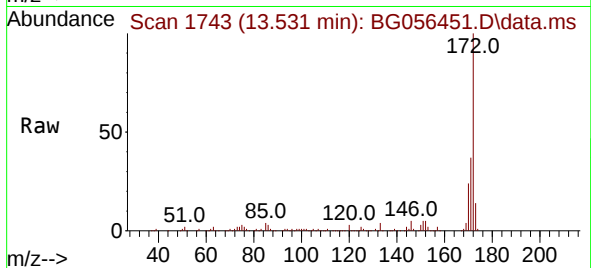
141 31.4 27.9 41.9



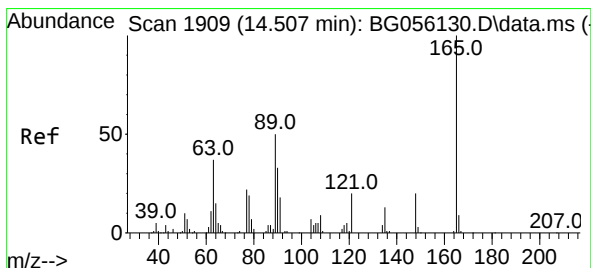
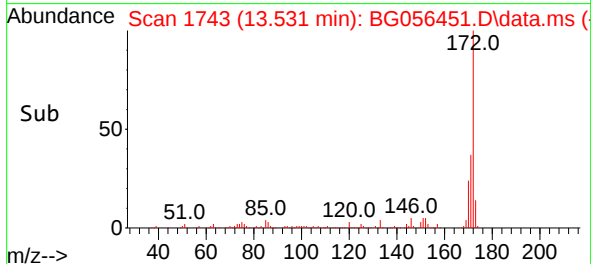
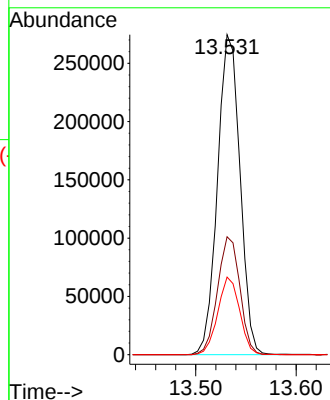


#45
2-Fluorobiphenyl
Concen: 51.855 ng
RT: 13.531 min Scan# 1743
Delta R.T. -0.009 min
Lab File: BG056451.D
Acq: 26 Jan 2023 20:35

Instrument :
BNA_G
ClientSampleId :
CL-1-012423

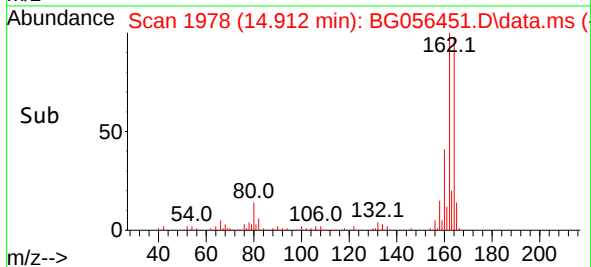
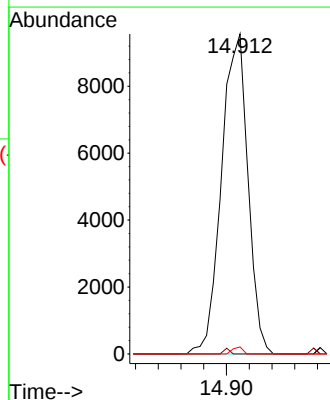
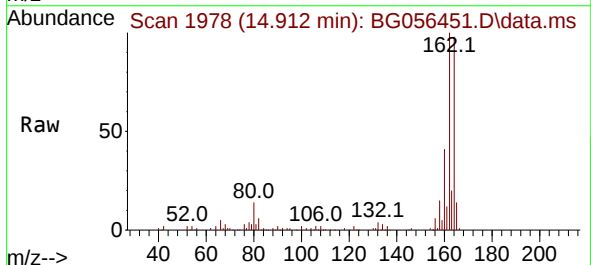


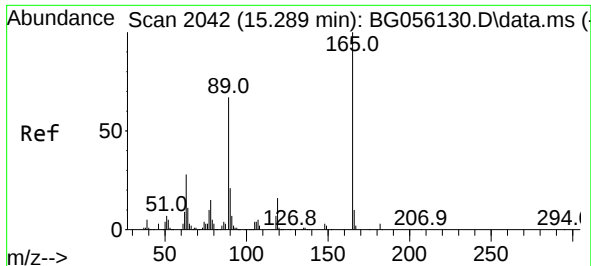
Tgt Ion:172 Resp: 427010
Ion Ratio Lower Upper
172 100
171 36.8 29.6 44.4
170 24.2 19.4 29.2



#51
2,6-Dinitrotoluene
Concen: 7.876 ng
RT: 14.912 min Scan# 1978
Delta R.T. 0.432 min
Lab File: BG056451.D
Acq: 26 Jan 2023 20:35

Tgt Ion:165 Resp: 15406
Ion Ratio Lower Upper
165 100
63 0.0 32.2 48.2#
89 2.2 39.8 59.8#

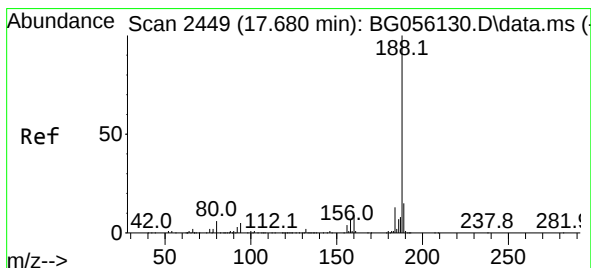
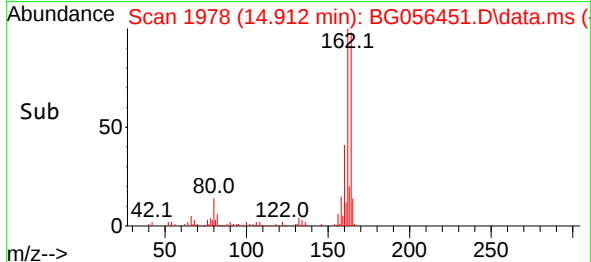
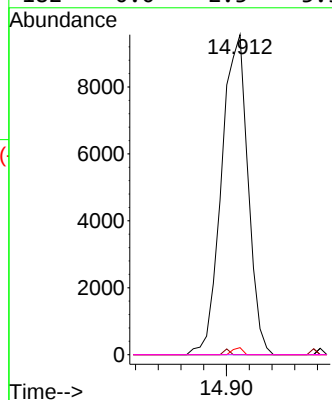
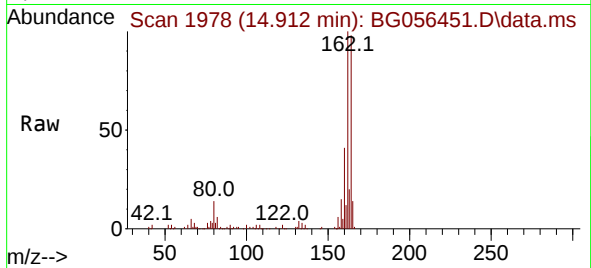




#57
2,4-Dinitrotoluene
Concen: 5.632 ng
RT: 14.912 min Scan# 14
Delta R.T. -0.355 min
Lab File: BG056451.D
Acq: 26 Jan 2023 20:35

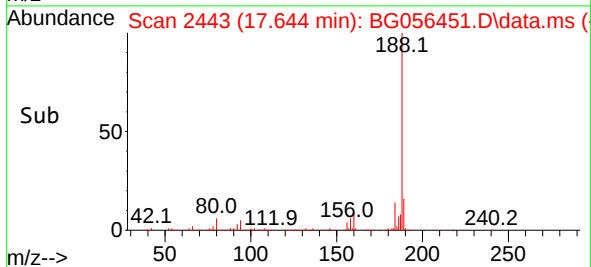
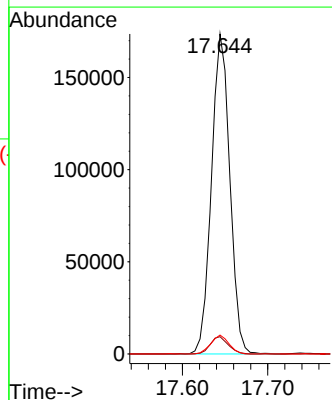
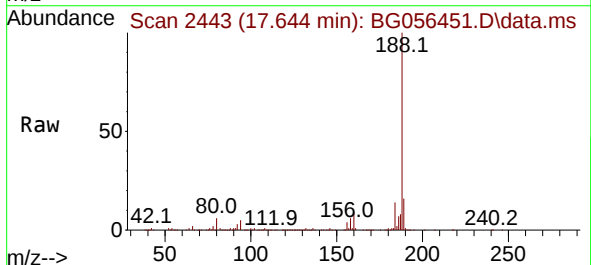
Instrument :
BNA_G
ClientSampleId :
CL-1-012423

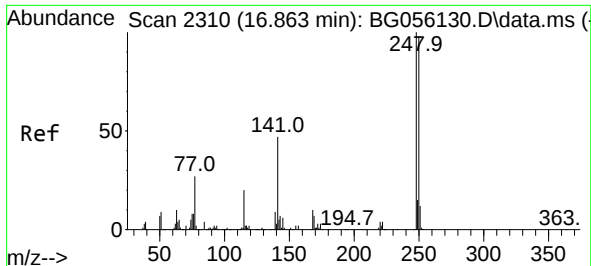
Tgt Ion:165 Resp: 15406
Ion Ratio Lower Upper
165 100
63 0.0 22.6 34.0#
89 2.2 53.2 79.8#
182 0.0 2.3 3.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.644 min Scan# 2443
Delta R.T. -0.009 min
Lab File: BG056451.D
Acq: 26 Jan 2023 20:35

Tgt Ion:188 Resp: 259771
Ion Ratio Lower Upper
188 100
94 5.4 4.2 6.2
80 5.9 5.0 7.4

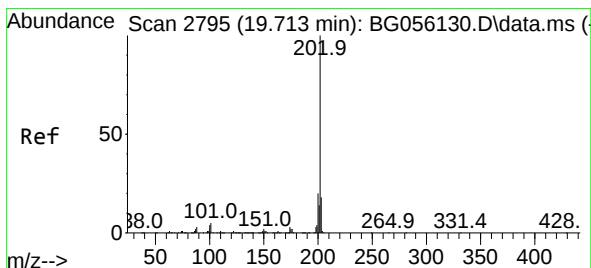
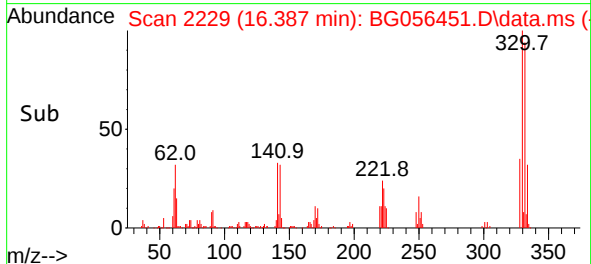
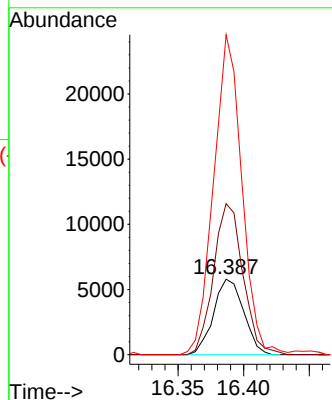
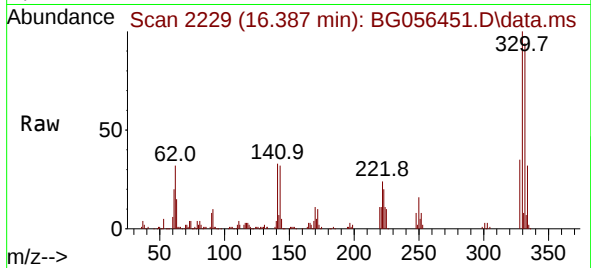




#67
4-Bromophenyl-phenylether
Concen: 2.800 ng
RT: 16.387 min Scan# 211
Delta R.T. -0.444 min
Lab File: BG056451.D
Acq: 26 Jan 2023 20:35

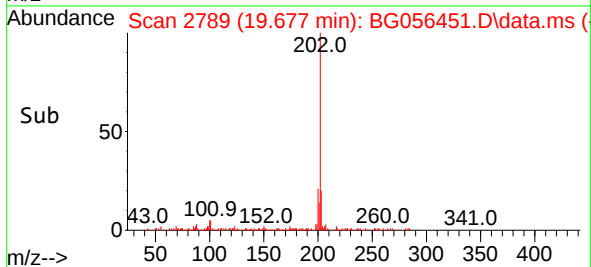
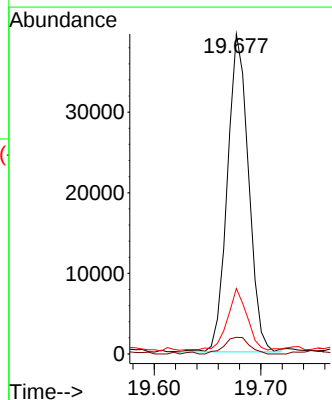
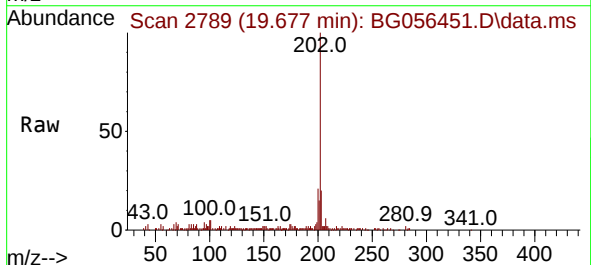
Instrument :
BNA_G
ClientSampleId :
CL-1-012423

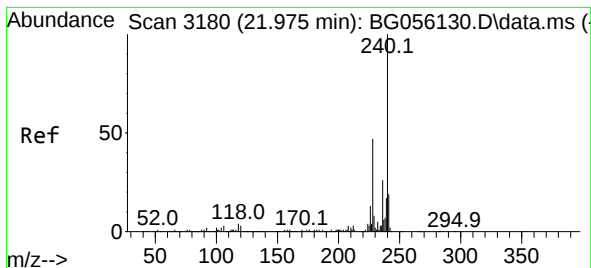
Tgt Ion:248 Resp: 9263
Ion Ratio Lower Upper
248 100
250 155.5 78.2 117.4#
141 329.7 37.6 56.4#



#75
Fluoranthene
Concen: 3.097 ng
RT: 19.677 min Scan# 2789
Delta R.T. -0.009 min
Lab File: BG056451.D
Acq: 26 Jan 2023 20:35

Tgt Ion:202 Resp: 54389
Ion Ratio Lower Upper
202 100
101 5.2 0.0 25.0
203 20.4 0.0 38.0





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.939 min Scan# 31

Delta R.T. -0.003 min

Lab File: BG056451.D

Acq: 26 Jan 2023 20:35

Instrument :

BNA_G

ClientSampleId :

CL-1-012423

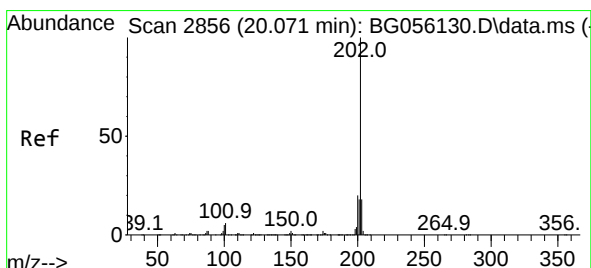
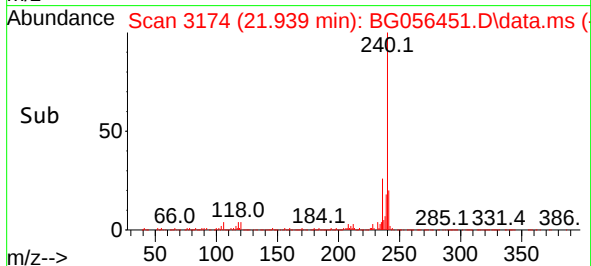
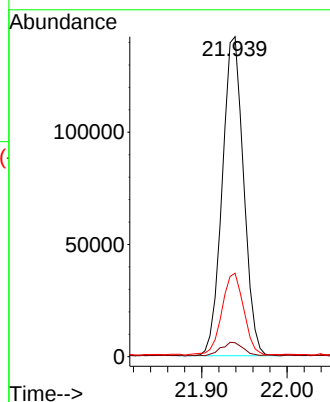
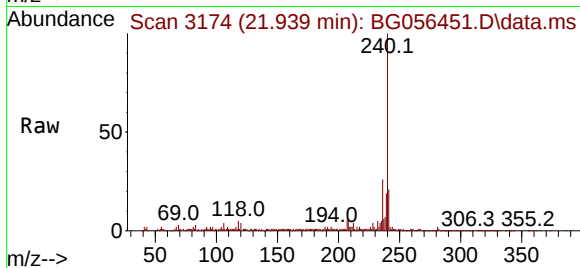
Tgt Ion:240 Resp: 247654

Ion Ratio Lower Upper

240 100

120 4.4 2.6 4.0#

236 26.1 20.8 31.2



#78

Pyrene

Concen: 3.525 ng

RT: 20.041 min Scan# 2851

Delta R.T. -0.003 min

Lab File: BG056451.D

Acq: 26 Jan 2023 20:35

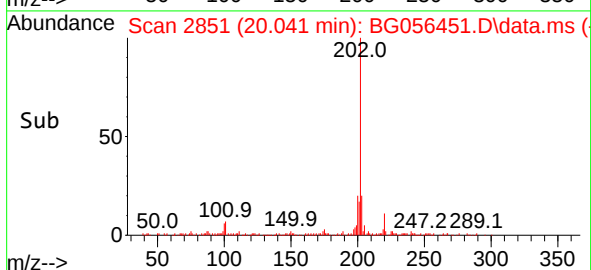
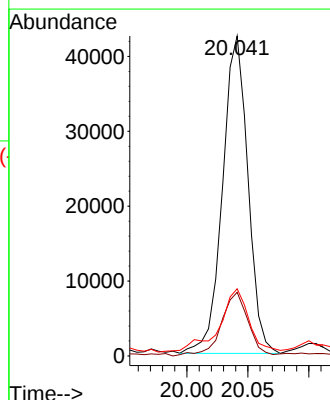
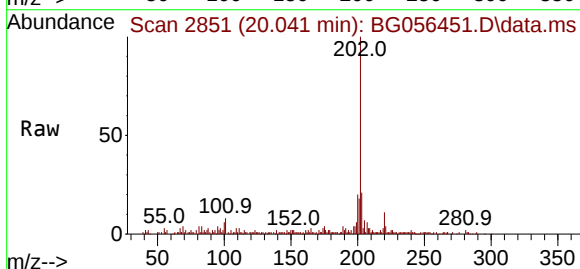
Tgt Ion:202 Resp: 61530

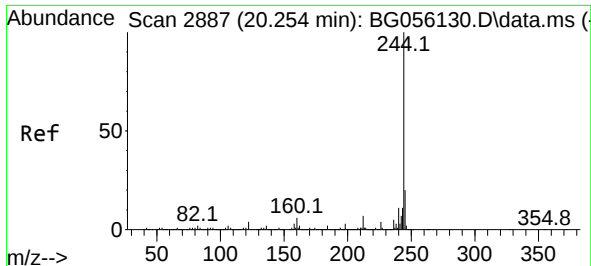
Ion Ratio Lower Upper

202 100

200 19.9 16.4 24.6

203 21.0 14.3 21.5

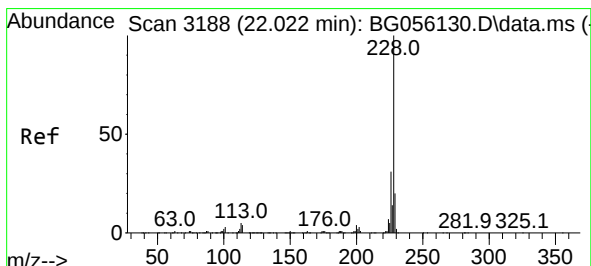
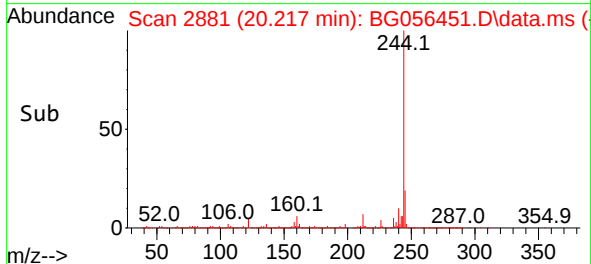
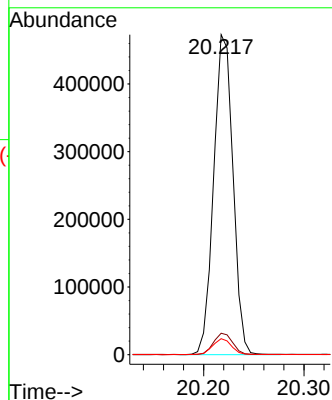
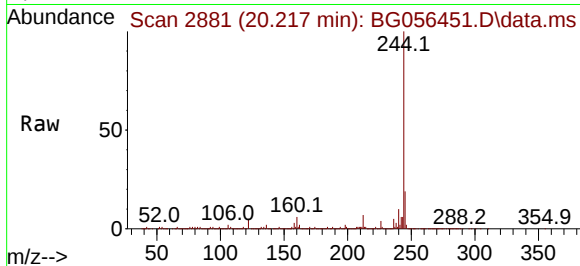




#79
 Terphenyl-d14
 Concen: 45.615 ng
 RT: 20.217 min Scan# 21
 Delta R.T. -0.009 min
 Lab File: BG056451.D
 Acq: 26 Jan 2023 20:35

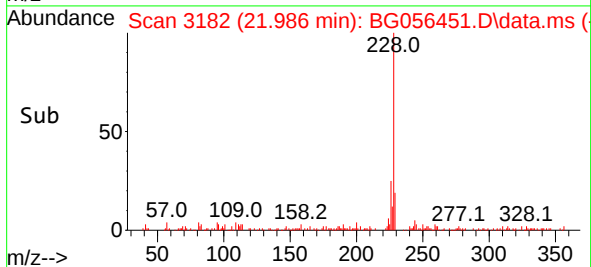
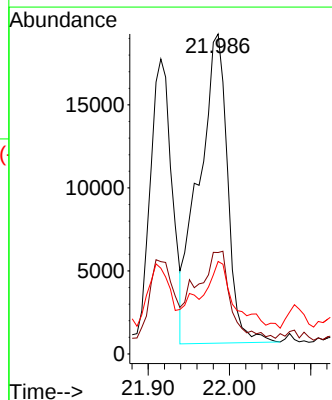
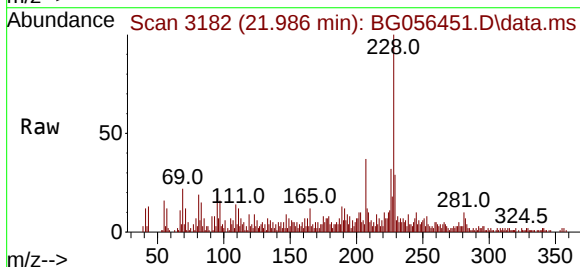
Instrument :
 BNA_G
 ClientSampleId :
 CL-1-012423

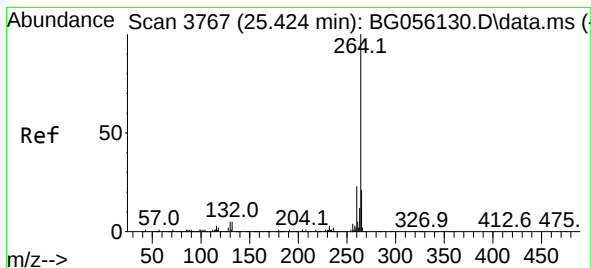
Tgt Ion:244 Resp: 630738
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.7 8.5
 122 5.0 3.5 5.3



#83
 Chrysene
 Concen: 2.801 ng
 RT: 21.986 min Scan# 3182
 Delta R.T. -0.009 min
 Lab File: BG056451.D
 Acq: 26 Jan 2023 20:35

Tgt Ion:228 Resp: 45639
 Ion Ratio Lower Upper
 228 100
 226 31.7 24.6 36.8
 229 28.9 15.8 23.6#





#86

Perylene-d12

Concen: 20.000 ng

RT: 25.376 min Scan# 31

Delta R.T. 0.003 min

Lab File: BG056451.D

Acq: 26 Jan 2023 20:35

Instrument :

BNA_G

ClientSampleId :

CL-1-012423

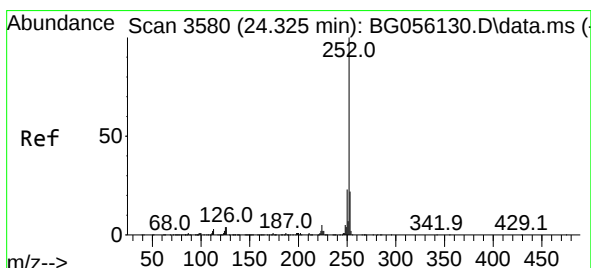
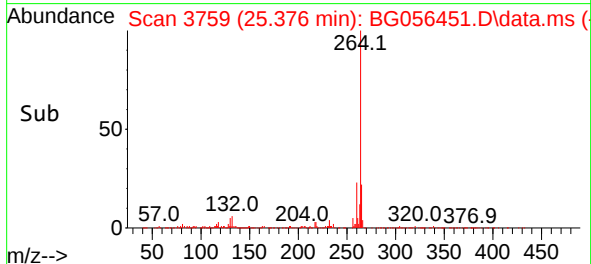
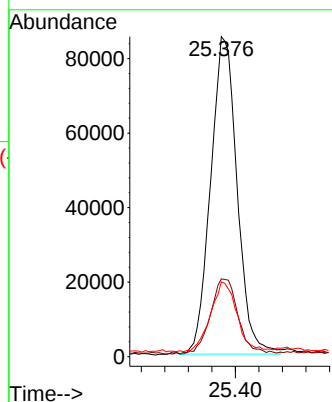
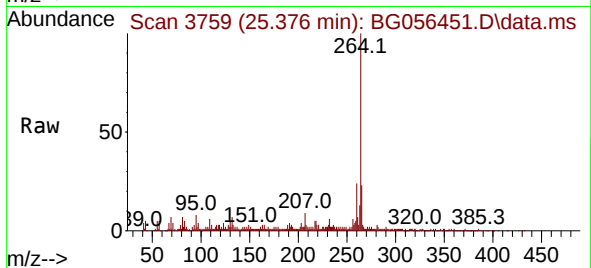
Tgt Ion:264 Resp: 265703

Ion Ratio Lower Upper

264 100

260 24.3 18.6 28.0

265 23.4 16.7 25.1



#88

Benzo(b)fluoranthene

Concen: 2.705 ng

RT: 24.277 min Scan# 3572

Delta R.T. -0.003 min

Lab File: BG056451.D

Acq: 26 Jan 2023 20:35

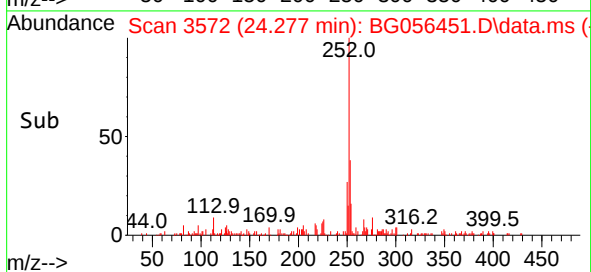
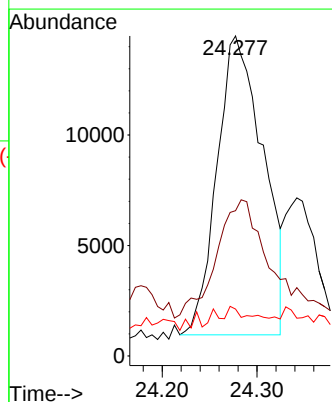
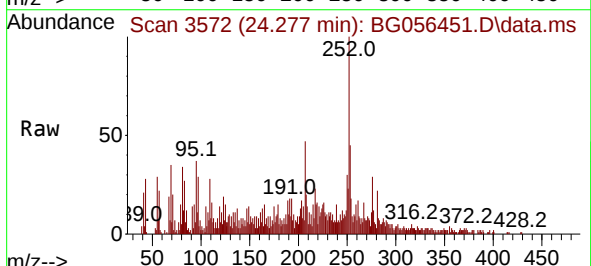
Tgt Ion:252 Resp: 45661

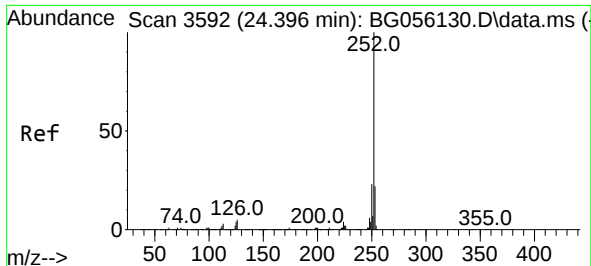
Ion Ratio Lower Upper

252 100

253 45.4 17.4 26.2#

125 14.7 3.0 4.4#

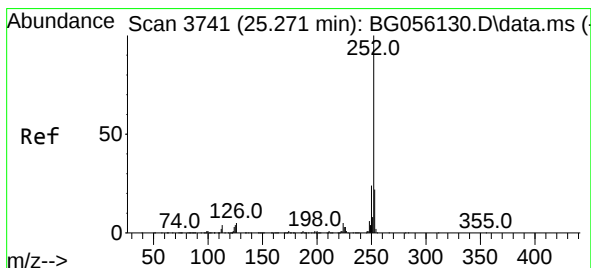
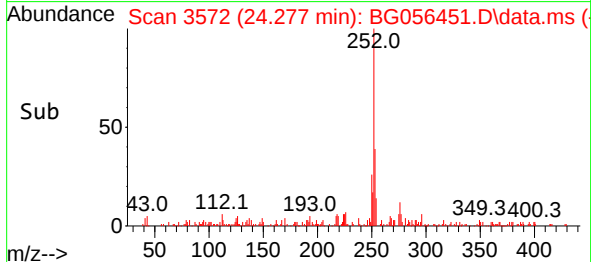
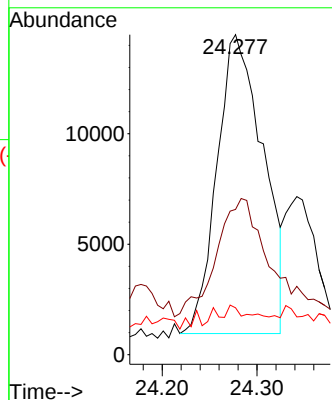
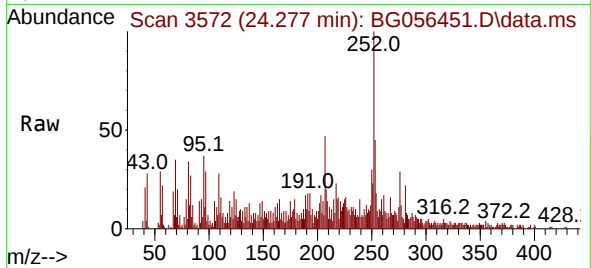




#89
Benzo(k)fluoranthene
Concen: 2.716 ng
RT: 24.277 min Scan# 31
Delta R.T. -0.073 min
Lab File: BG056451.D
Acq: 26 Jan 2023 20:35

Instrument :
BNA_G
ClientSampleId :
CL-1-012423

Tgt Ion:252 Resp: 45661
Ion Ratio Lower Upper
252 100
253 45.4 17.5 26.3#
125 14.7 3.4 5.0#



#90
Benzo(a)pyrene
Concen: 2.152 ng
RT: 25.218 min Scan# 3732
Delta R.T. 0.003 min
Lab File: BG056451.D
Acq: 26 Jan 2023 20:35

Tgt Ion:252 Resp: 35439
Ion Ratio Lower Upper
252 100
253 32.8 17.4 26.2#
125 16.7 3.2 4.8#

