

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010224\
 Data File : BG060196.D
 Acq On : 2 Jan 2024 15:50
 Operator : MA/JU
 Sample : 05909-09
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GHL-SS-47

Quant Time: Jan 02 17:02:03 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 30 03:14:04 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.936	152	217259	20.000	ng	0.00
21) Naphthalene-d8	10.744	136	771360	20.000	ng	0.00
39) Acenaphthene-d10	14.575	164	585436	20.000	ng	0.00
64) Phenanthrene-d10	17.325	188	1577704	20.000	ng	0.00
76) Chrysene-d12	21.590	240	1464158	20.000	ng	0.00
86) Perylene-d12	24.769	264	1607329	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.509	112	658475	45.746	ng	0.00
7) Phenol-d6	7.095	99	971457	45.454	ng	0.00
23) Nitrobenzene-d5	9.099	82	493647	29.560	ng	0.00
42) 2,4,6-Tribromophenol	16.061	330	329115	41.997	ng	0.00
45) 2-Fluorobiphenyl	13.194	172	1072773	26.336	ng	0.00
79) Terphenyl-d14	19.939	244	1573699	20.663	ng	0.00

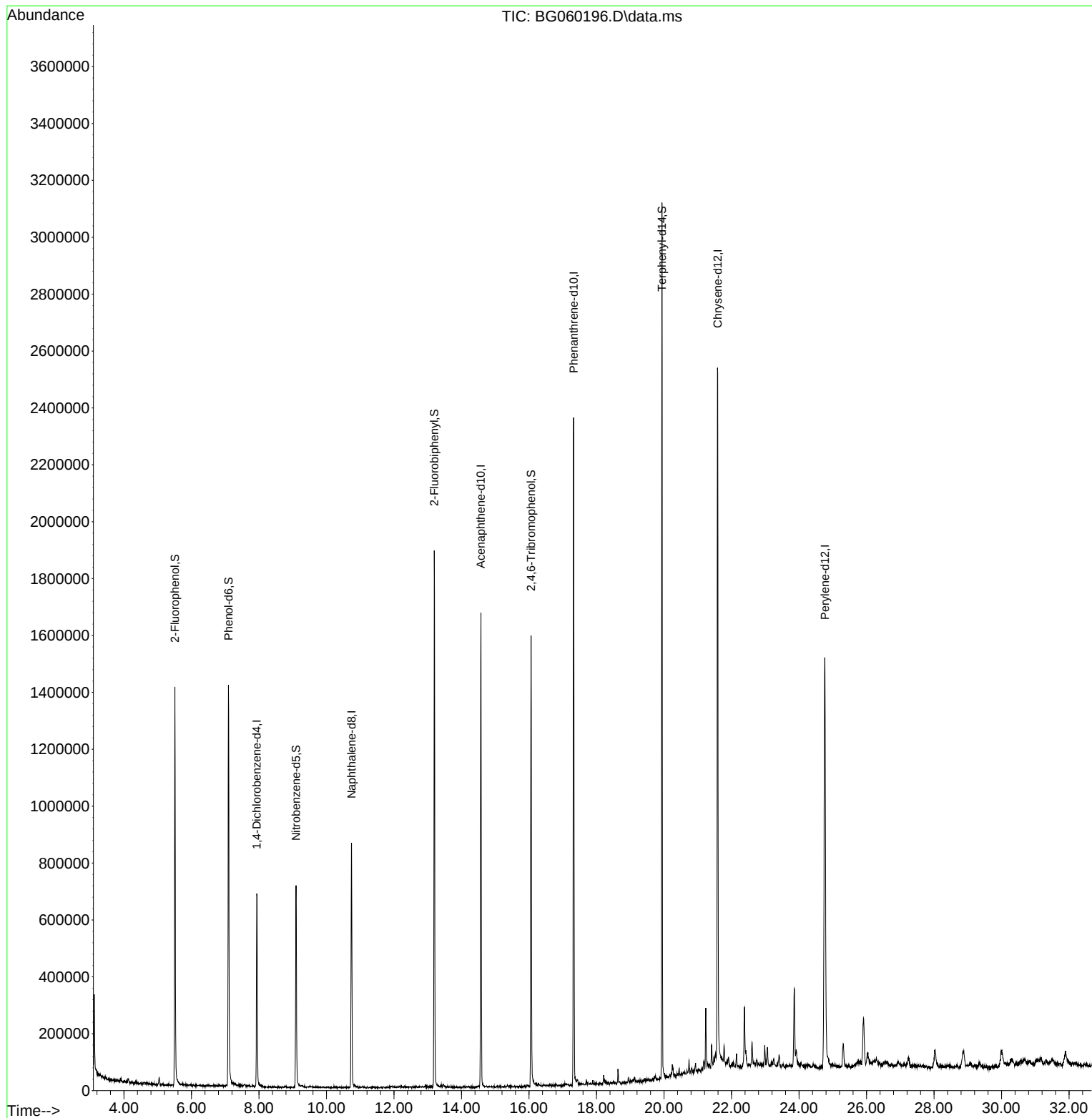
Target Compounds	Qvalue

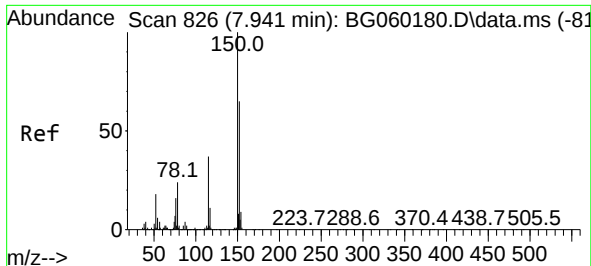
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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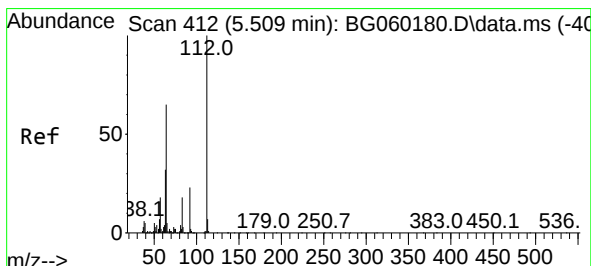
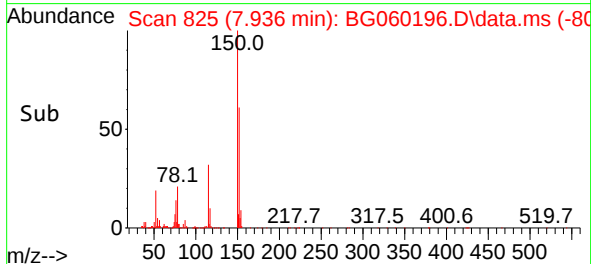
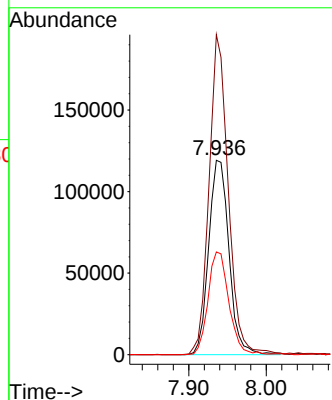
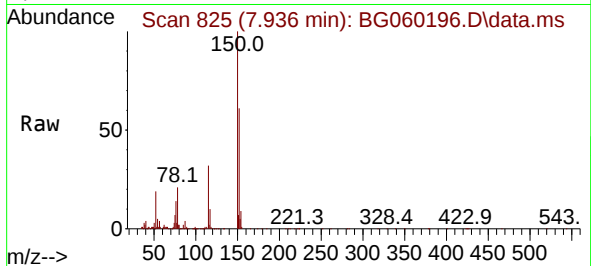




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.936 min Scan# 81
Delta R.T. -0.005 min
Lab File: BG060196.D
Acq: 2 Jan 2024 15:50

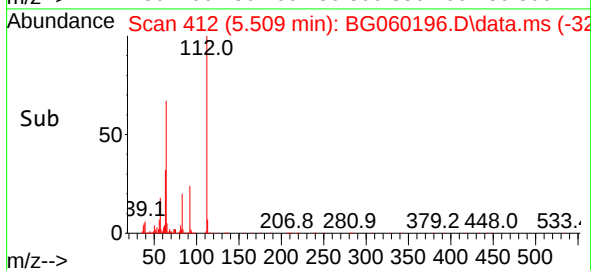
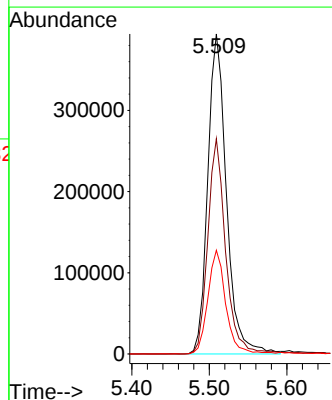
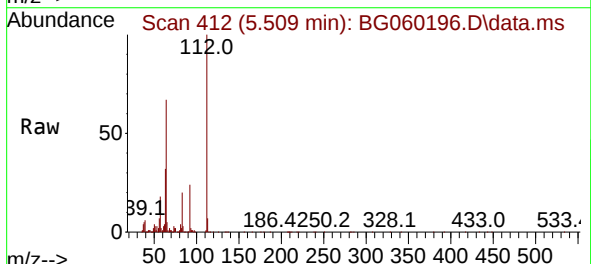
Instrument :
BNA_G
ClientSampleId :
GHL-SS-47

Tgt Ion:152 Resp: 217259
Ion Ratio Lower Upper
152 100
150 164.5 123.4 185.0
115 52.8 45.4 68.0



#5
2-Fluorophenol
Concen: 45.746 ng
RT: 5.509 min Scan# 412
Delta R.T. 0.000 min
Lab File: BG060196.D
Acq: 2 Jan 2024 15:50

Tgt Ion:112 Resp: 658475
Ion Ratio Lower Upper
112 100
64 67.2 52.2 78.4
63 32.4 25.4 38.0

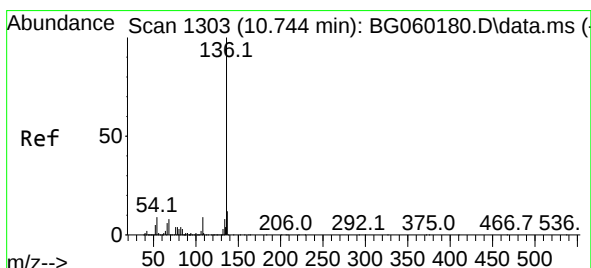
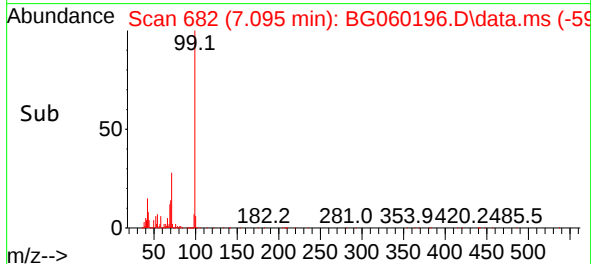
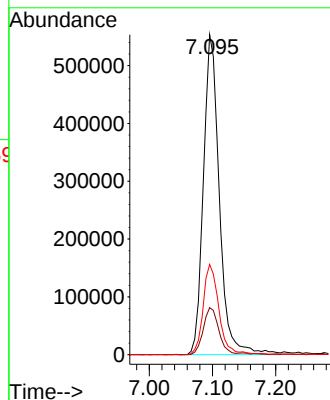
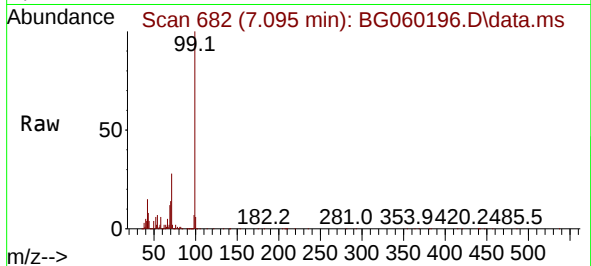




#7
Phenol-d6
Concen: 45.454 ng
RT: 7.095 min Scan# 61
Delta R.T. -0.006 min
Lab File: BG060196.D
Acq: 2 Jan 2024 15:50

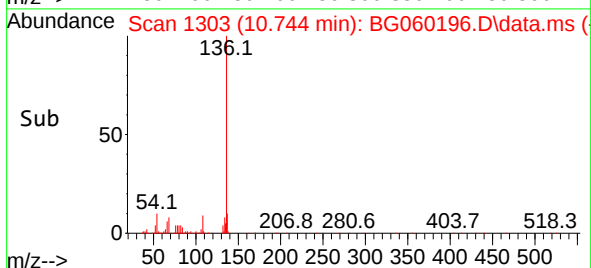
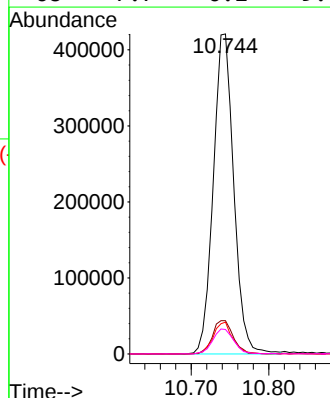
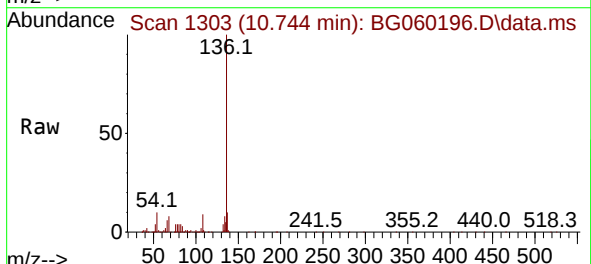
Instrument :
BNA_G
ClientSampleId :
GHL-SS-47

Tgt Ion: 99 Resp: 971457
Ion Ratio Lower Upper
99 100
42 14.7 12.5 18.7
71 28.2 24.1 36.1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.744 min Scan# 1303
Delta R.T. 0.000 min
Lab File: BG060196.D
Acq: 2 Jan 2024 15:50

Tgt Ion: 136 Resp: 771360
Ion Ratio Lower Upper
136 100
137 10.4 9.4 14.0
54 9.9 7.4 11.2
68 7.7 6.2 9.4





#23

Nitrobenzene-d5

Concen: 29.560 ng

RT: 9.099 min Scan# 1023

Delta R.T. -0.006 min

Lab File: BG060196.D

Acq: 2 Jan 2024 15:50

Instrument :

BNA_G

ClientSampleId :

GHL-SS-47

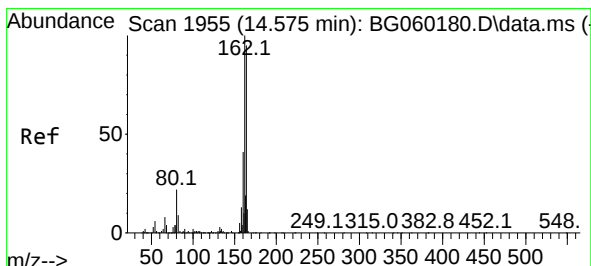
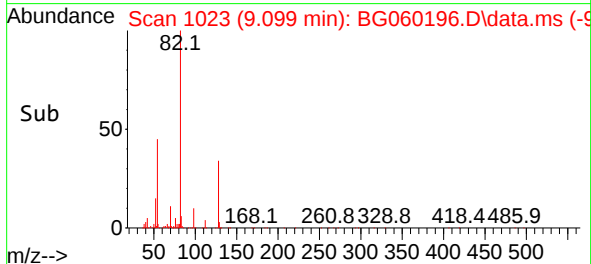
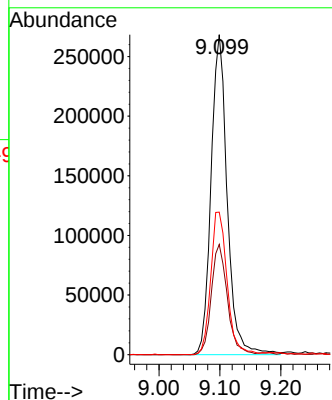
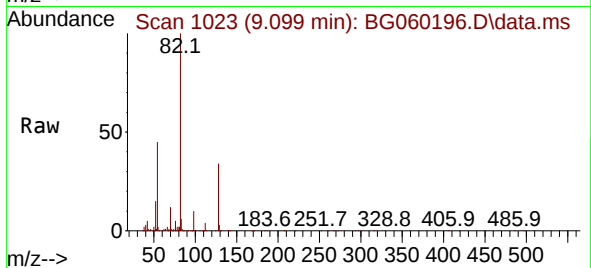
Tgt Ion: 82 Resp: 493647

Ion Ratio Lower Upper

82 100

128 34.5 28.7 43.1

54 44.6 36.9 55.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.575 min Scan# 1955

Delta R.T. 0.000 min

Lab File: BG060196.D

Acq: 2 Jan 2024 15:50

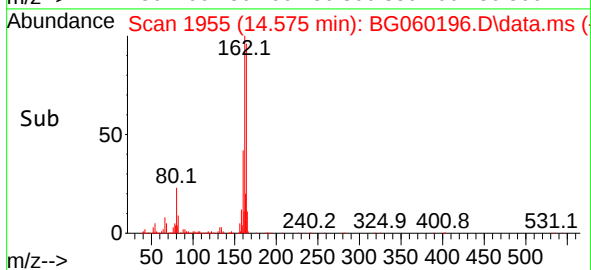
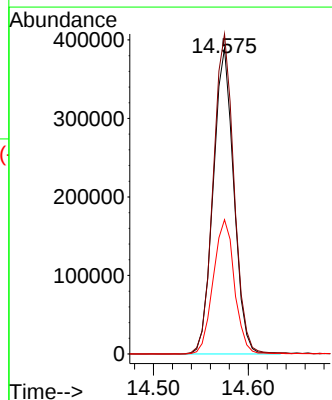
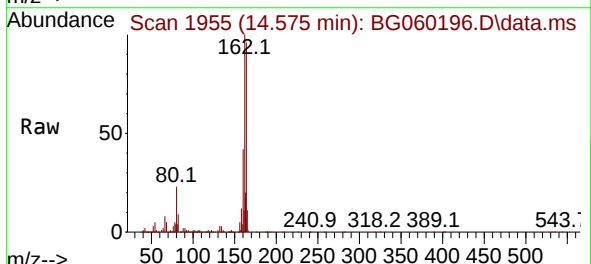
Tgt Ion:164 Resp: 585436

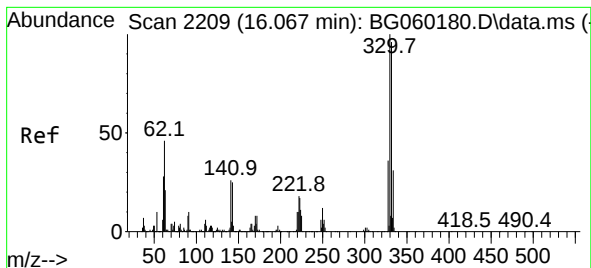
Ion Ratio Lower Upper

164 100

162 104.6 83.9 125.9

160 43.9 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 41.997 ng

RT: 16.061 min Scan# 21

Delta R.T. -0.006 min

Lab File: BG060196.D

Acq: 2 Jan 2024 15:50

Instrument :

BNA_G

ClientSampleId :

GHL-SS-47

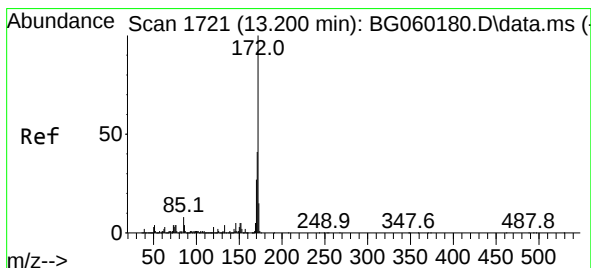
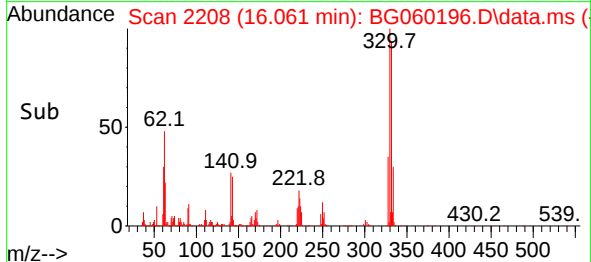
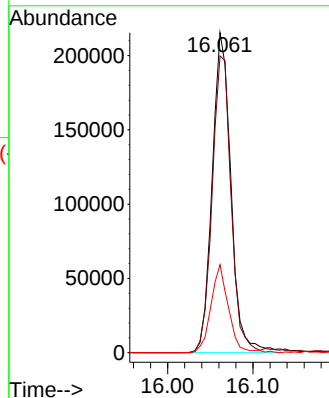
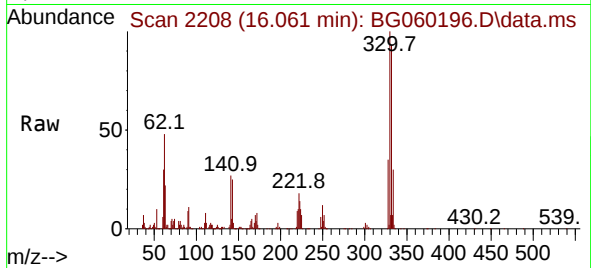
Tgt Ion:330 Resp: 329115

Ion Ratio Lower Upper

330 100

332 93.2 76.7 115.1

141 25.7 21.0 31.4



#45

2-Fluorobiphenyl

Concen: 26.336 ng

RT: 13.194 min Scan# 1720

Delta R.T. -0.006 min

Lab File: BG060196.D

Acq: 2 Jan 2024 15:50

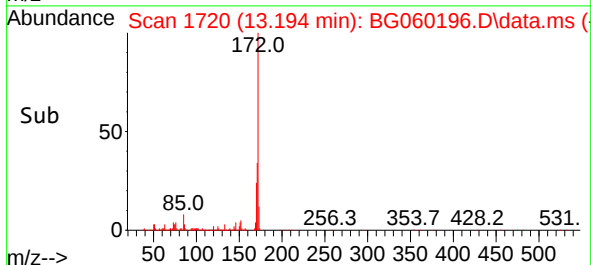
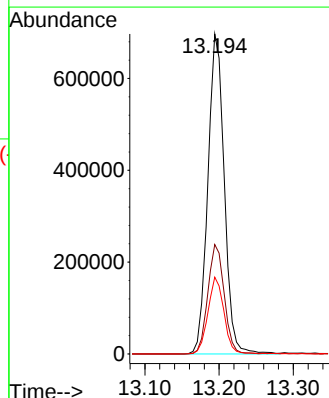
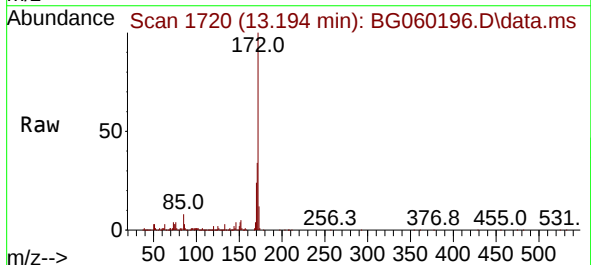
Tgt Ion:172 Resp: 1072773

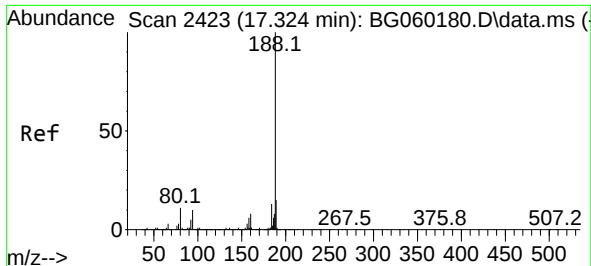
Ion Ratio Lower Upper

172 100

171 34.2 32.6 48.8

170 24.0 21.8 32.6

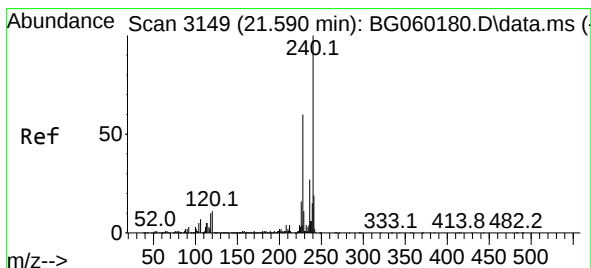
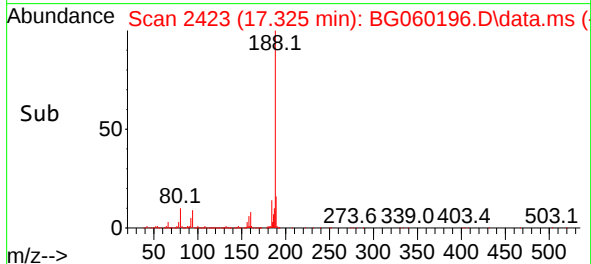
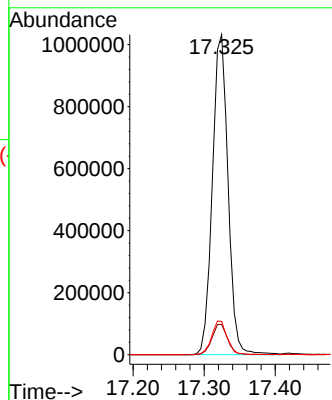
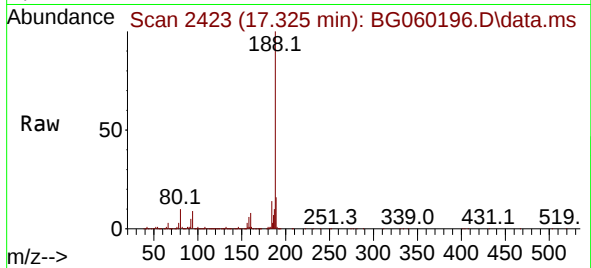




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.325 min Scan# 2423
Delta R.T. 0.000 min
Lab File: BG060196.D
Acq: 2 Jan 2024 15:50

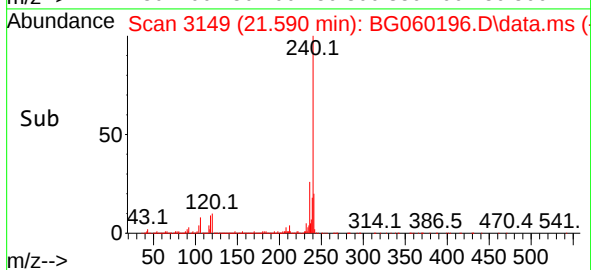
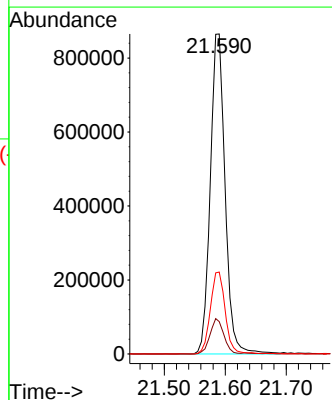
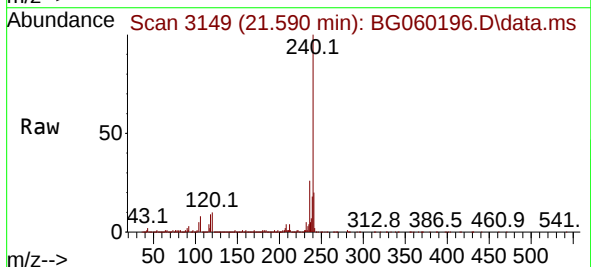
Instrument :
BNA_G
ClientSampleId :
GHL-SS-47

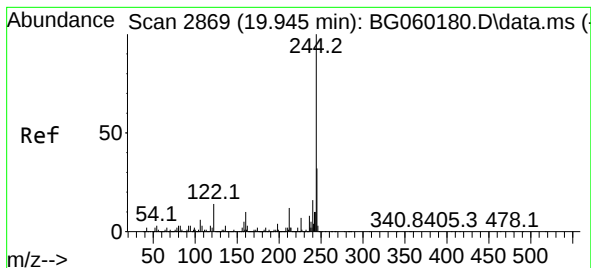
Tgt Ion:188 Resp: 1577704
Ion Ratio Lower Upper
188 100
94 9.4 7.8 11.6
80 10.4 8.6 13.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.590 min Scan# 3149
Delta R.T. 0.000 min
Lab File: BG060196.D
Acq: 2 Jan 2024 15:50

Tgt Ion:240 Resp: 1464158
Ion Ratio Lower Upper
240 100
120 10.1 8.5 12.7
236 25.6 21.4 32.2





#79

Terphenyl-d14

Concen: 20.663 ng

RT: 19.939 min Scan# 21

Delta R.T. -0.006 min

Lab File: BG060196.D

Acq: 2 Jan 2024 15:50

Instrument :

BNA_G

ClientSampleId :

GHL-SS-47

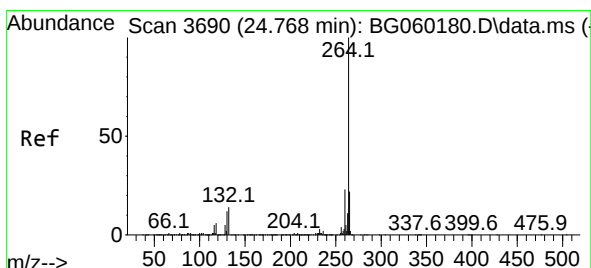
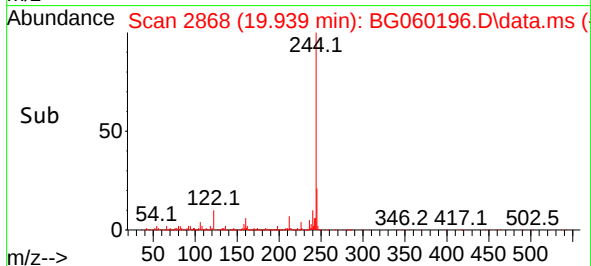
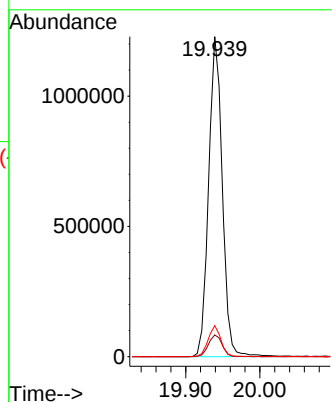
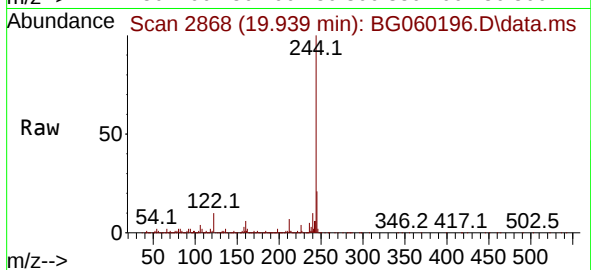
Tgt Ion:244 Resp: 1573699

Ion Ratio Lower Upper

244 100

212 6.8 9.5 14.3#

122 9.7 11.4 17.2#



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.769 min Scan# 3690

Delta R.T. 0.000 min

Lab File: BG060196.D

Acq: 2 Jan 2024 15:50

Tgt Ion:264 Resp: 1607329

Ion Ratio Lower Upper

264 100

260 21.8 18.0 27.0

265 21.0 17.4 26.0

