

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010224\
 Data File : BG060210.D
 Acq On : 3 Jan 2024 2:36
 Operator : MA/JU
 Sample : 05897-24
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GHL-SS-29

Quant Time: Jan 03 05:05:44 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	7.938	152	210084	20.000	ng	0.00
21) Naphthalene-d8	10.741	136	885141	20.000	ng	0.00
39) Acenaphthene-d10	14.577	164	675184	20.000	ng	0.00
64) Phenanthrene-d10	17.321	188	1740850	20.000	ng	0.00
76) Chrysene-d12	21.587	240	1555892	20.000	ng	0.00
86) Perylene-d12	24.765	264	1729688	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.511	112	1485527	106.727	ng	0.00
7) Phenol-d6	7.098	99	1932628	93.515	ng	0.00
23) Nitrobenzene-d5	9.095	82	1110765	57.964	ng	0.00
42) 2,4,6-Tribromophenol	16.064	330	823868	91.156	ng	0.00
45) 2-Fluorobiphenyl	13.197	172	2716998	57.835	ng	0.00
79) Terphenyl-d14	19.942	244	3900174	48.191	ng	0.00

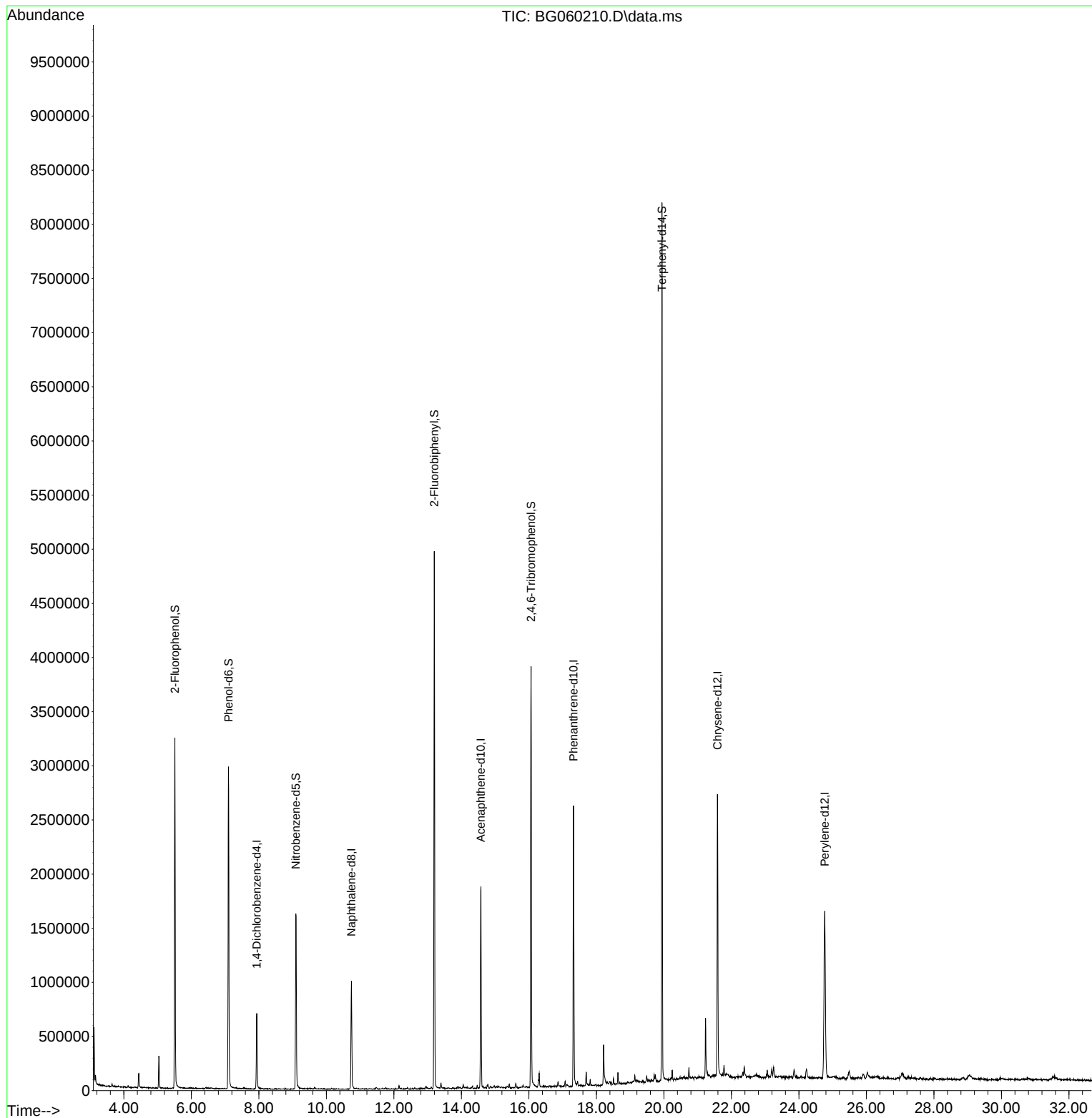
Target Compounds	Qvalue

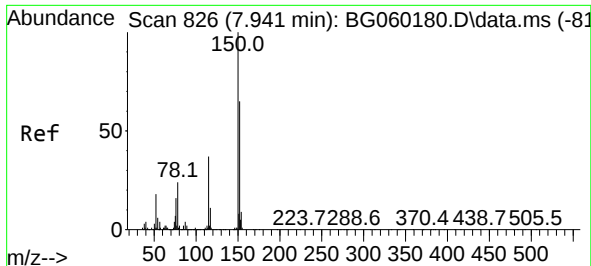
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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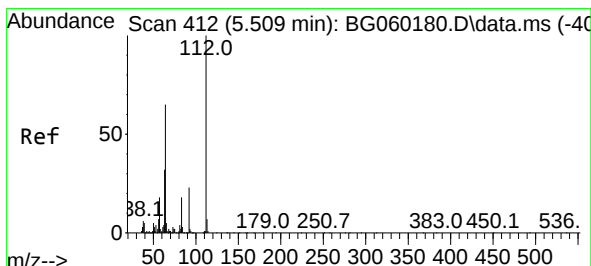
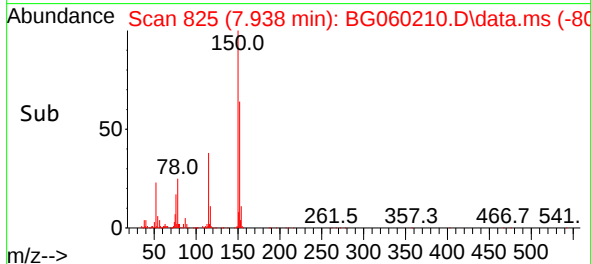
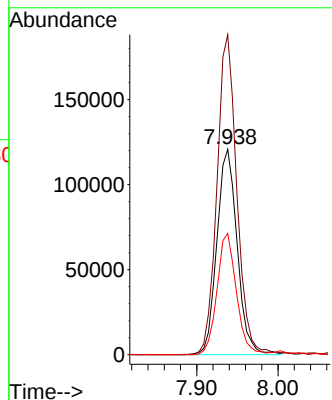
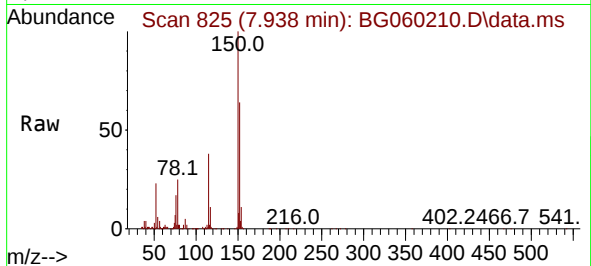




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.938 min Scan# 81
Delta R.T. -0.003 min
Lab File: BG060210.D
Acq: 3 Jan 2024 2:36

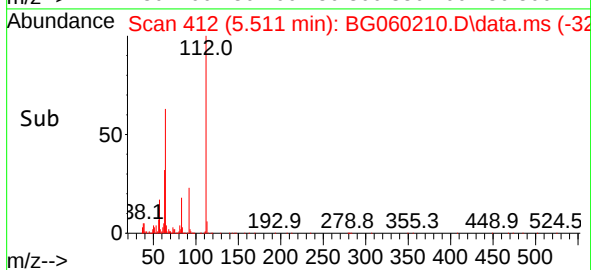
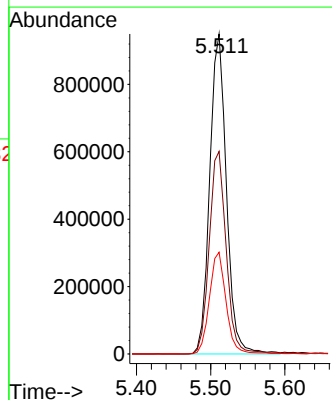
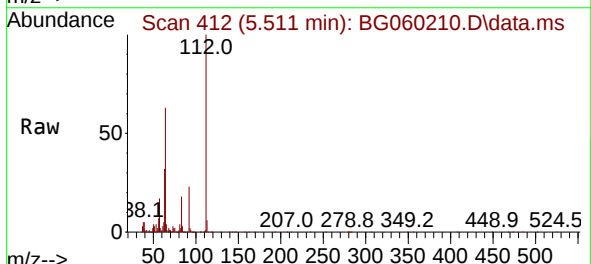
Instrument :
BNA_G
ClientSampleId :
GHL-SS-29

Tgt Ion:152 Resp: 210084
Ion Ratio Lower Upper
152 100
150 155.7 123.4 185.0
115 59.0 45.4 68.0



#5
2-Fluorophenol
Concen: 106.727 ng
RT: 5.511 min Scan# 412
Delta R.T. 0.003 min
Lab File: BG060210.D
Acq: 3 Jan 2024 2:36

Tgt Ion:112 Resp: 1485527
Ion Ratio Lower Upper
112 100
64 63.3 52.2 78.4
63 31.8 25.4 38.0



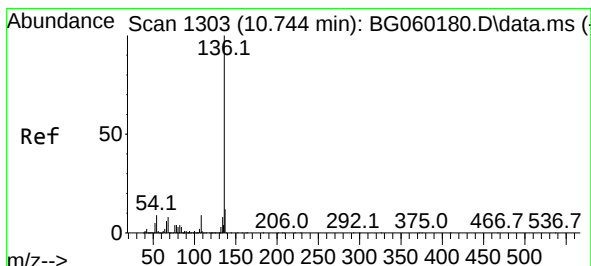
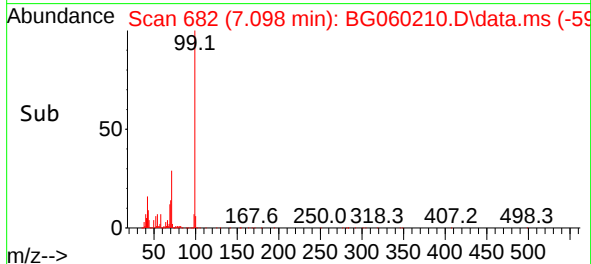
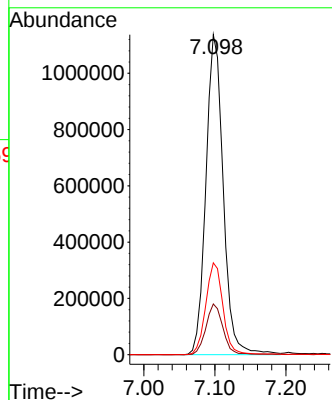
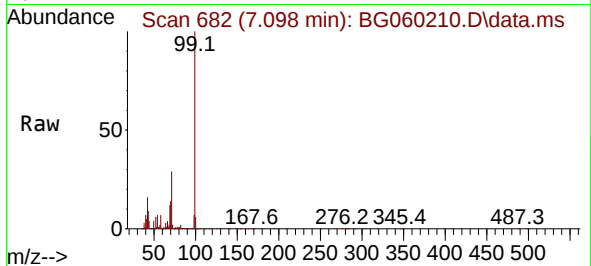


#7
Phenol-d6
Concen: 93.515 ng
RT: 7.098 min Scan# 61
Delta R.T. -0.003 min
Lab File: BG060210.D
Acq: 3 Jan 2024 2:36

Instrument :
BNA_G
ClientSampleId :
GHL-SS-29

Tgt Ion: 99 Resp: 1932628

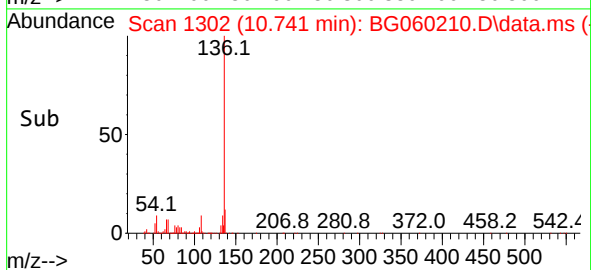
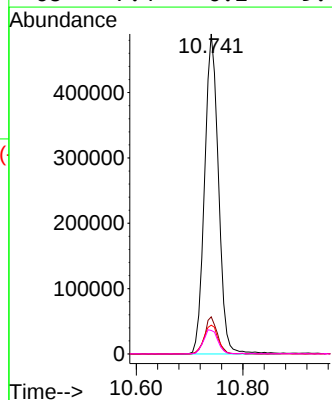
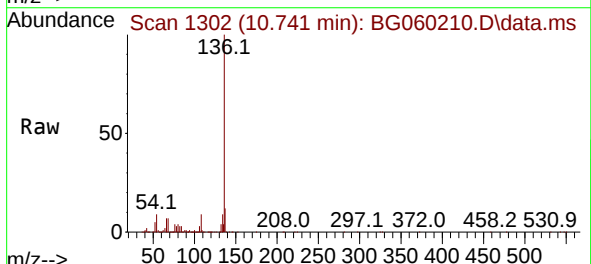
Ion	Ratio	Lower	Upper
99	100		
42	15.9	12.5	18.7
71	28.7	24.1	36.1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.741 min Scan# 1302
Delta R.T. -0.003 min
Lab File: BG060210.D
Acq: 3 Jan 2024 2:36

Tgt Ion: 136 Resp: 885141

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.4	14.0
54	9.0	7.4	11.2
68	7.4	6.2	9.4





#23

Nitrobenzene-d5

Concen: 57.964 ng

RT: 9.095 min Scan# 1022

Delta R.T. -0.009 min

Lab File: BG060210.D

Acq: 3 Jan 2024 2:36

Instrument :

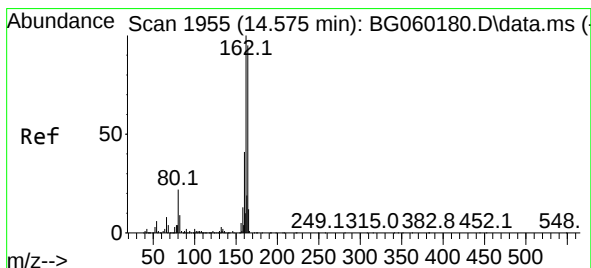
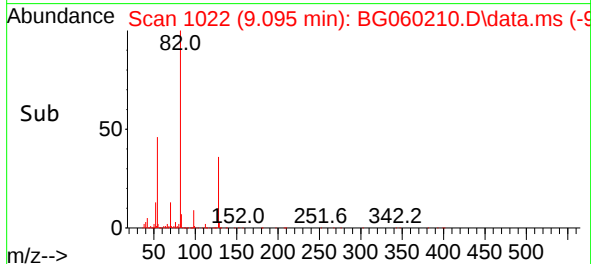
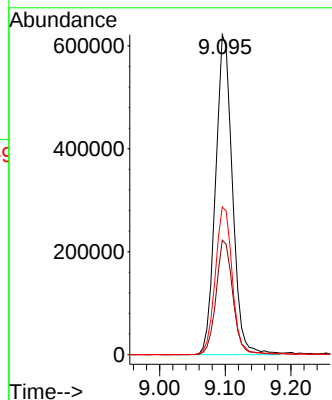
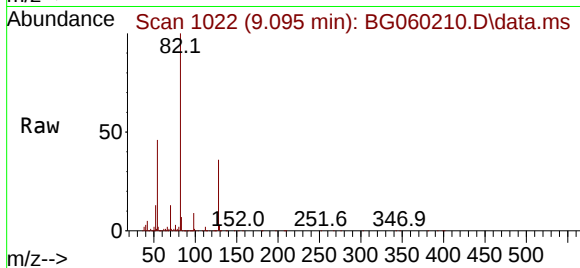
BNA_G

ClientSampleId :

GHL-SS-29

Tgt Ion: 82 Resp: 1110765

Ion	Ratio	Lower	Upper
82	100		
128	35.8	28.7	43.1
54	46.2	36.9	55.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.577 min Scan# 1955

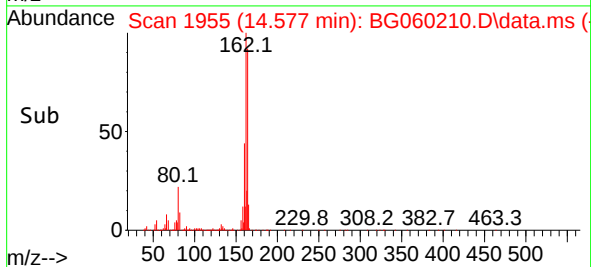
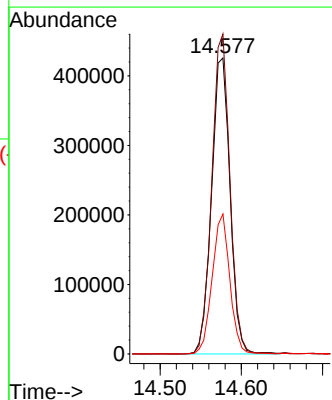
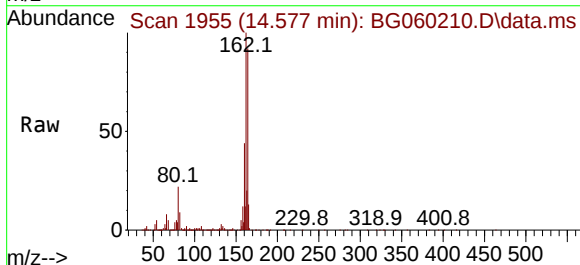
Delta R.T. 0.003 min

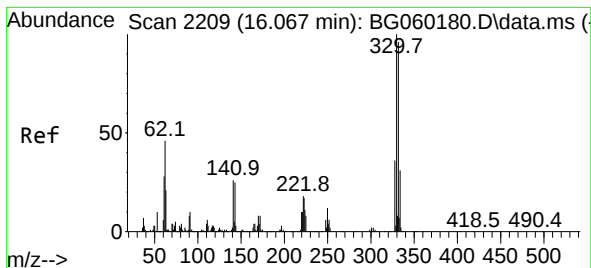
Lab File: BG060210.D

Acq: 3 Jan 2024 2:36

Tgt Ion:164 Resp: 675184

Ion	Ratio	Lower	Upper
164	100		
162	108.1	83.9	125.9
160	47.3	34.2	51.4





#42

2,4,6-Tribromophenol

Concen: 91.156 ng

RT: 16.064 min Scan# 21

Delta R.T. -0.003 min

Lab File: BG060210.D

Acq: 3 Jan 2024 2:36

Instrument :

BNA_G

ClientSampleId :

GHL-SS-29

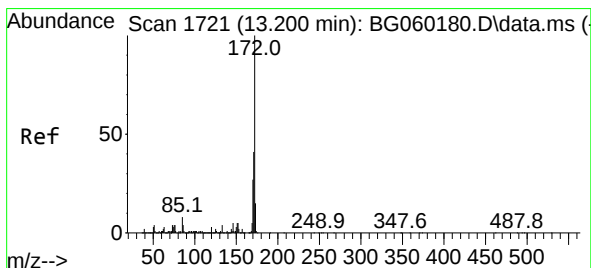
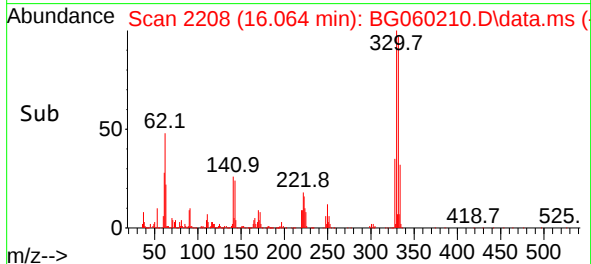
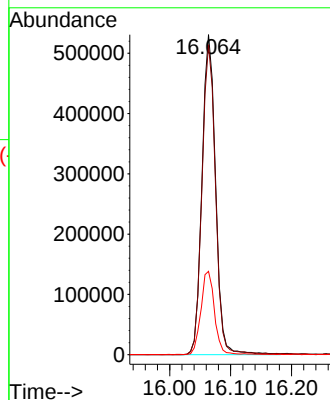
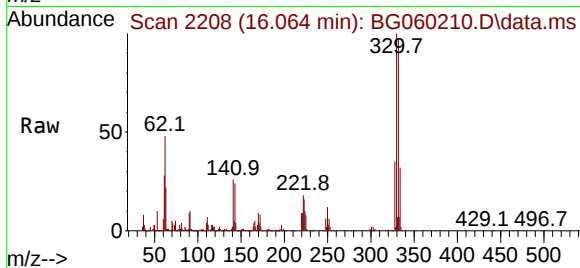
Tgt Ion:330 Resp: 823868

Ion Ratio Lower Upper

330 100

332 96.4 76.7 115.1

141 26.0 21.0 31.4



#45

2-Fluorobiphenyl

Concen: 57.835 ng

RT: 13.197 min Scan# 1720

Delta R.T. -0.003 min

Lab File: BG060210.D

Acq: 3 Jan 2024 2:36

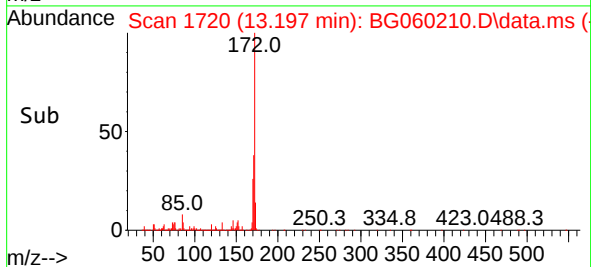
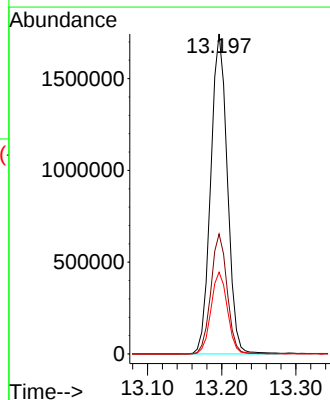
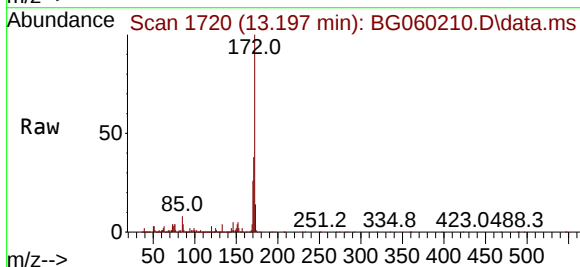
Tgt Ion:172 Resp: 2716998

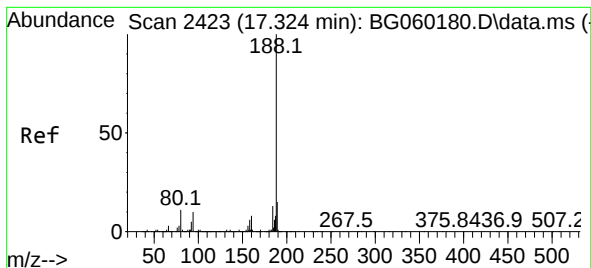
Ion Ratio Lower Upper

172 100

171 37.5 32.6 48.8

170 25.5 21.8 32.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.321 min Scan# 24

Delta R.T. -0.003 min

Lab File: BG060210.D

Acq: 3 Jan 2024 2:36

Instrument :

BNA_G

ClientSampleId :

GHL-SS-29

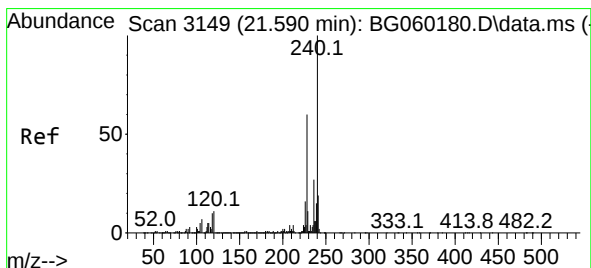
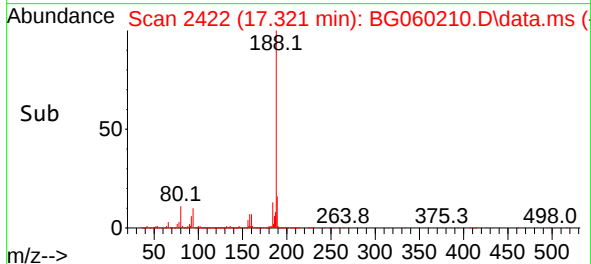
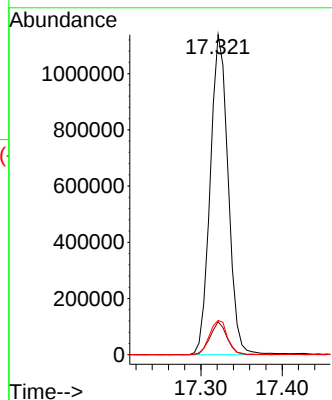
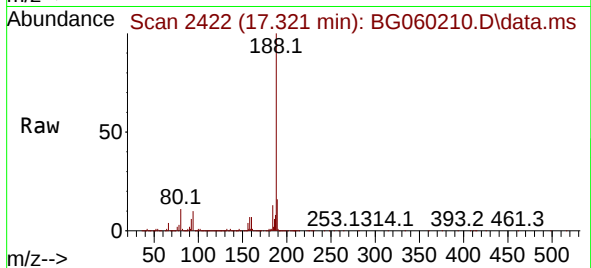
Tgt Ion:188 Resp: 1740850

Ion Ratio Lower Upper

188 100

94 10.3 7.8 11.6

80 10.7 8.6 13.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.587 min Scan# 3148

Delta R.T. -0.003 min

Lab File: BG060210.D

Acq: 3 Jan 2024 2:36

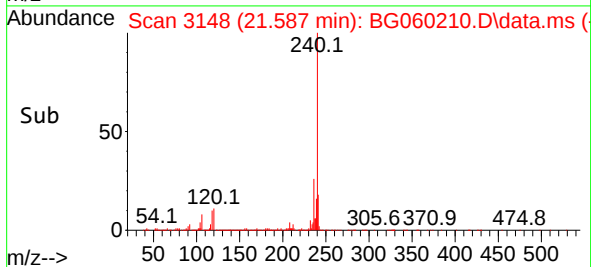
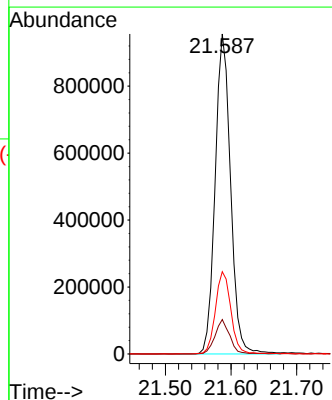
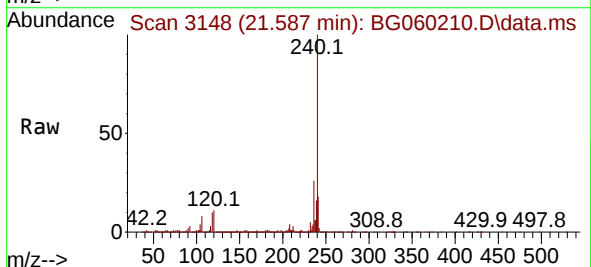
Tgt Ion:240 Resp: 1555892

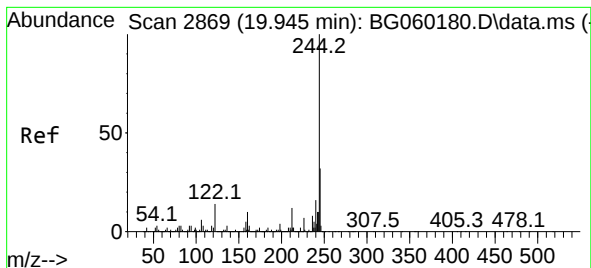
Ion Ratio Lower Upper

240 100

120 10.7 8.5 12.7

236 25.7 21.4 32.2





#79

Terphenyl-d14

Concen: 48.191 ng

RT: 19.942 min Scan# 21

Delta R.T. -0.003 min

Lab File: BG060210.D

Acq: 3 Jan 2024 2:36

Instrument :

BNA_G

ClientSampleId :

GHL-SS-29

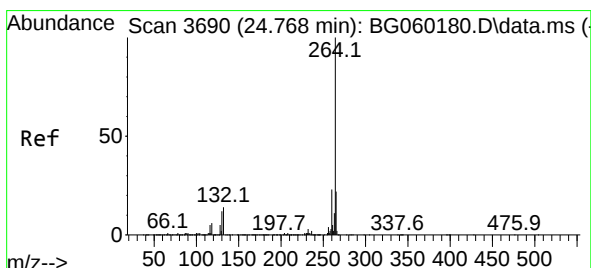
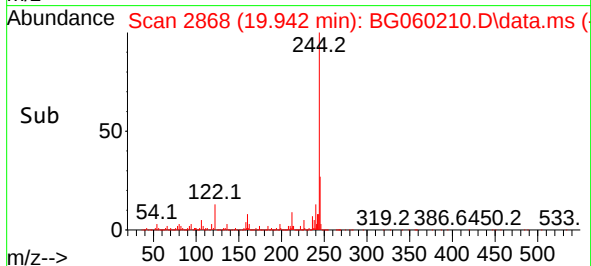
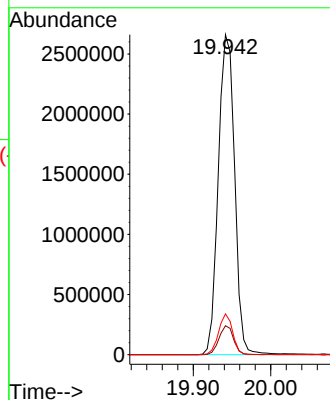
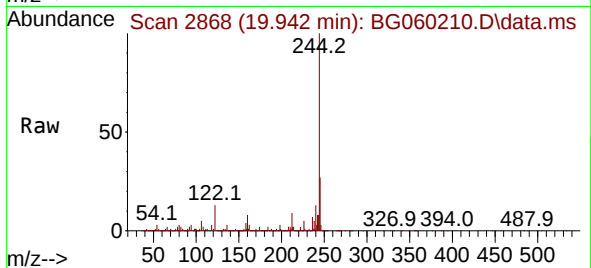
Tgt Ion:244 Resp: 3900174

Ion Ratio Lower Upper

244 100

212 9.0 9.5 14.3#

122 12.8 11.4 17.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.765 min Scan# 3689

Delta R.T. -0.003 min

Lab File: BG060210.D

Acq: 3 Jan 2024 2:36

Tgt Ion:264 Resp: 1729688

Ion Ratio Lower Upper

264 100

260 23.7 18.0 27.0

265 21.8 17.4 26.0

