

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010224\
 Data File : BG060218.D
 Acq On : 3 Jan 2024 7:59
 Operator : MA/JU
 Sample : 05900-07
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GHL-SS-60

Quant Time: Jan 03 14:38:32 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	238424	20.000	ng	0.00
21) Naphthalene-d8	10.738	136	1076651	20.000	ng	0.00
39) Acenaphthene-d10	14.575	164	865797	20.000	ng	0.00
64) Phenanthrene-d10	17.325	188	1960419	20.000	ng	0.00
76) Chrysene-d12	21.590	240	1617976	20.000	ng	0.00
86) Perylene-d12	24.757	264	1805502	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.509	112	1735619	109.873	ng	0.00
7) Phenol-d6	7.102	99	2691178	114.742	ng	0.00
23) Nitrobenzene-d5	9.099	82	1491151	63.973	ng	0.00
42) 2,4,6-Tribromophenol	16.067	330	1135364	97.964	ng	0.00
45) 2-Fluorobiphenyl	13.200	172	3779555	62.741	ng	0.00
79) Terphenyl-d14	19.945	244	4786309	56.871	ng	0.00

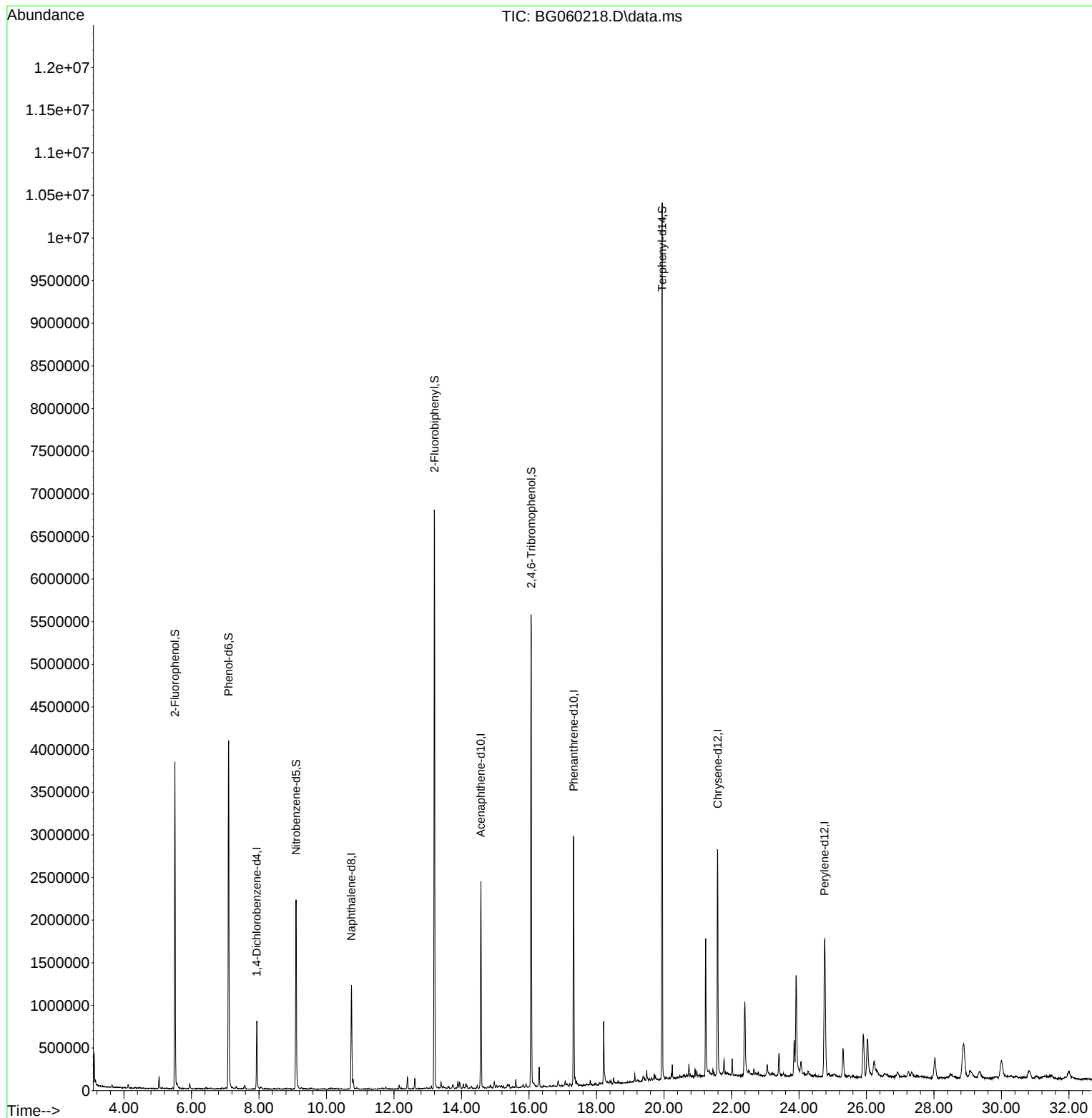
Target Compounds	Qvalue

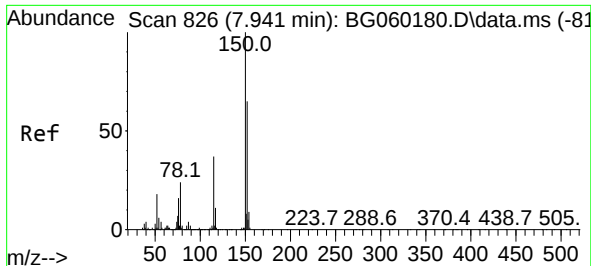
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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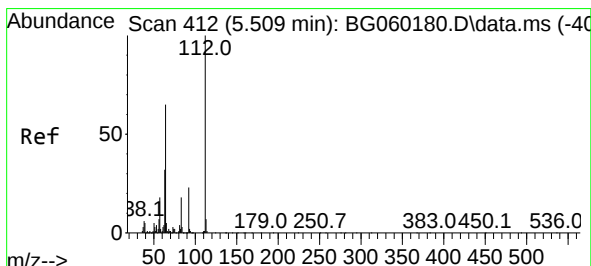
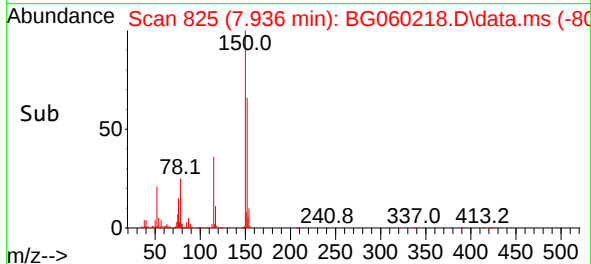
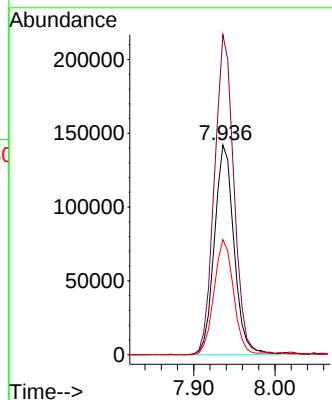
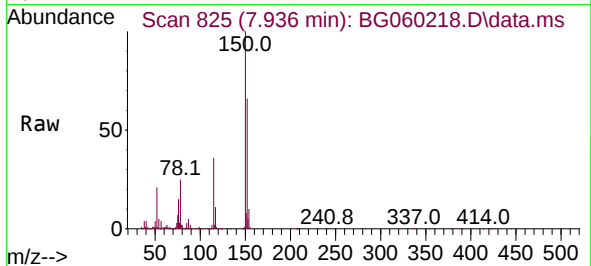




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.936 min Scan# 81
Delta R.T. -0.005 min
Lab File: BG060218.D
Acq: 3 Jan 2024 7:59

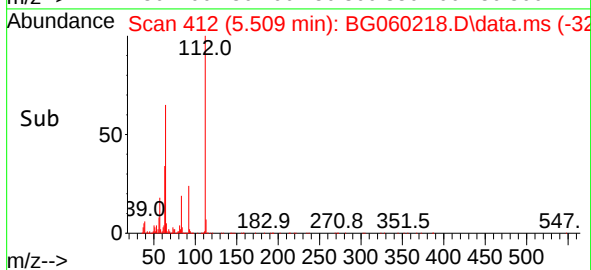
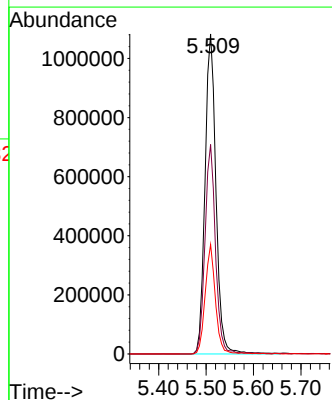
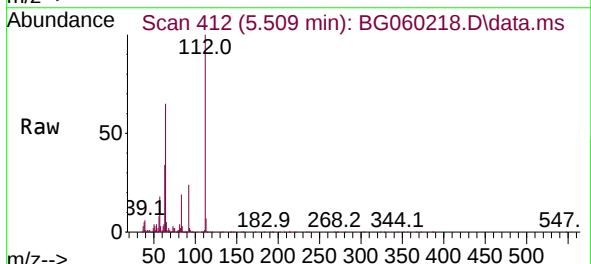
Instrument :
BNA_G
ClientSampleId :
GHL-SS-60

Tgt Ion:152 Resp: 238424
Ion Ratio Lower Upper
152 100
150 152.6 123.4 185.0
115 54.8 45.4 68.0



#5
2-Fluorophenol
Concen: 109.873 ng
RT: 5.509 min Scan# 412
Delta R.T. 0.001 min
Lab File: BG060218.D
Acq: 3 Jan 2024 7:59

Tgt Ion:112 Resp: 1735619
Ion Ratio Lower Upper
112 100
64 65.5 52.2 78.4
63 34.2 25.4 38.0



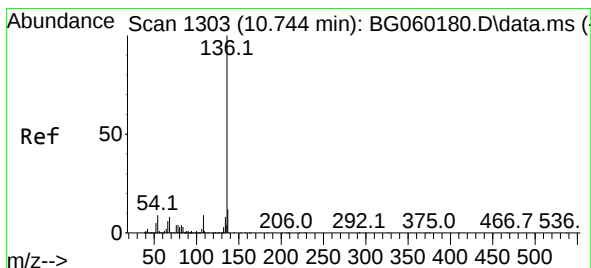
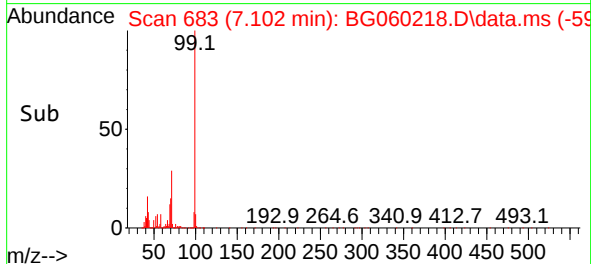
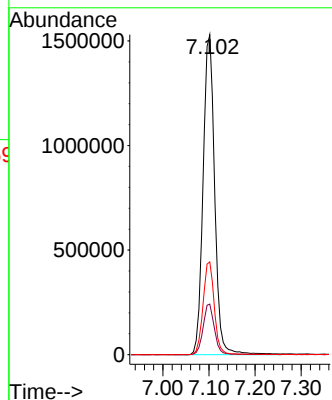
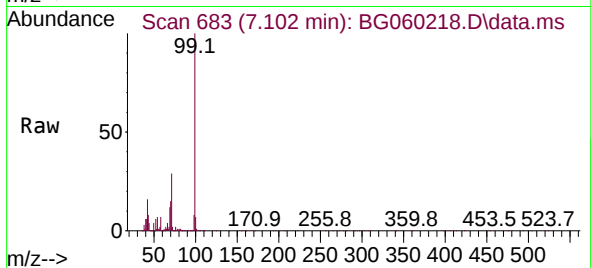


#7
Phenol-d6
Concen: 114.742 ng
RT: 7.102 min Scan# 61
Delta R.T. 0.001 min
Lab File: BG060218.D
Acq: 3 Jan 2024 7:59

Instrument :
BNA_G
ClientSampleId :
GHL-SS-60

Tgt Ion: 99 Resp: 2691178

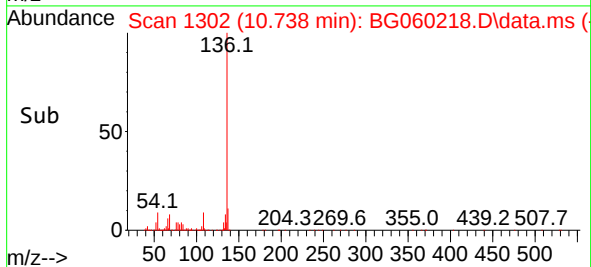
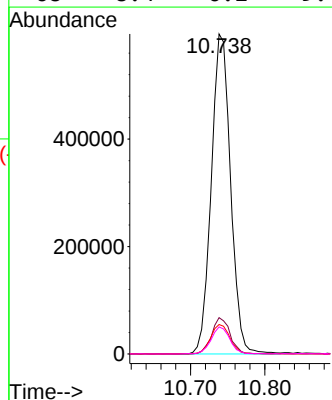
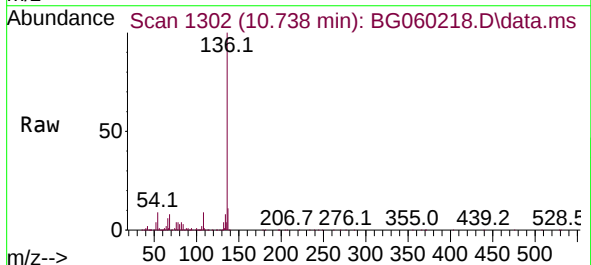
Ion	Ratio	Lower	Upper
99	100		
42	15.8	12.5	18.7
71	29.0	24.1	36.1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.738 min Scan# 1302
Delta R.T. -0.005 min
Lab File: BG060218.D
Acq: 3 Jan 2024 7:59

Tgt Ion:136 Resp: 1076651

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.4	14.0
54	9.2	7.4	11.2
68	8.4	6.2	9.4





#23

Nitrobenzene-d5

Concen: 63.973 ng

RT: 9.099 min Scan# 1023

Delta R.T. -0.005 min

Lab File: BG060218.D

Acq: 3 Jan 2024 7:59

Instrument :

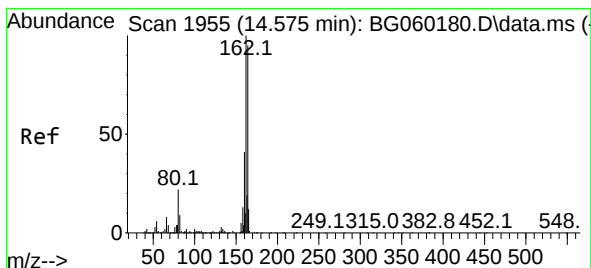
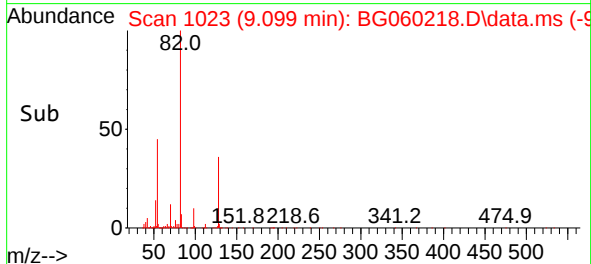
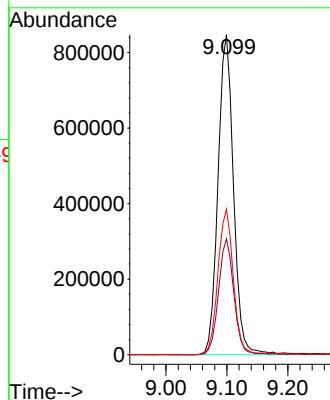
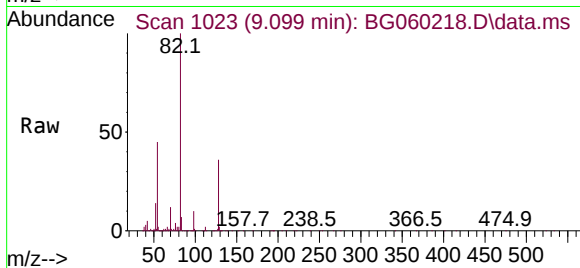
BNA_G

ClientSampleId :

GHL-SS-60

Tgt Ion: 82 Resp: 1491151

Ion	Ratio	Lower	Upper
82	100		
128	36.2	28.7	43.1
54	45.5	36.9	55.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.575 min Scan# 1955

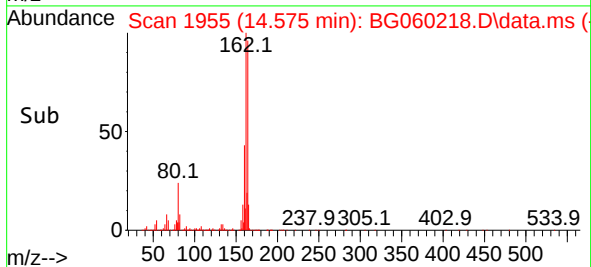
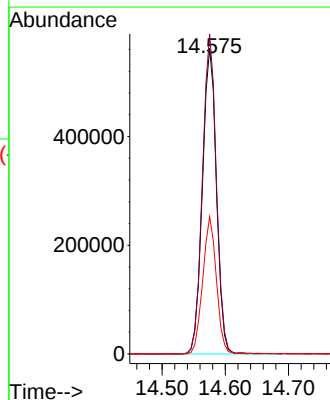
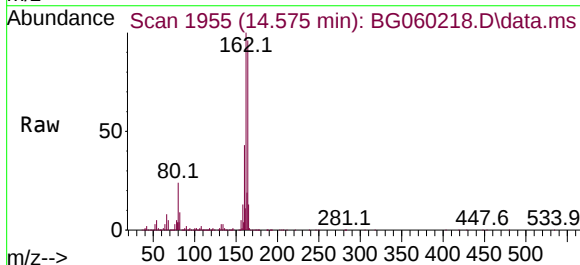
Delta R.T. 0.001 min

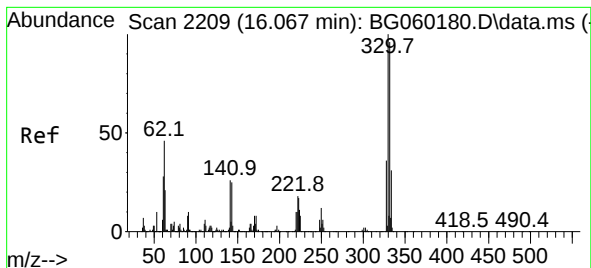
Lab File: BG060218.D

Acq: 3 Jan 2024 7:59

Tgt Ion:164 Resp: 865797

Ion	Ratio	Lower	Upper
164	100		
162	104.6	83.9	125.9
160	44.9	34.2	51.4

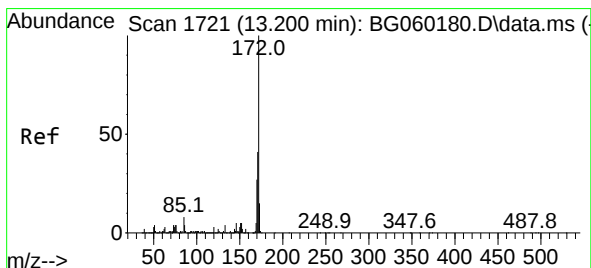
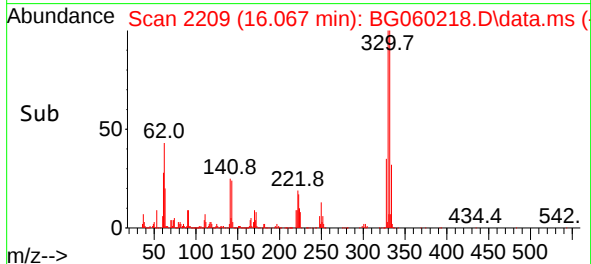
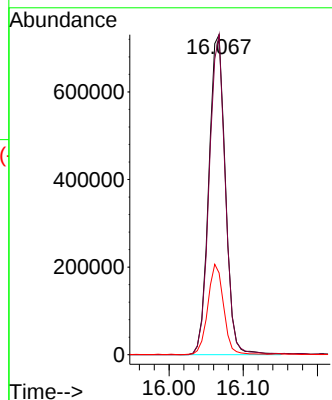
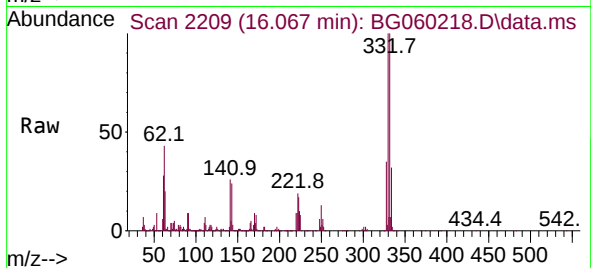




#42
2,4,6-Tribromophenol
Concen: 97.964 ng
RT: 16.067 min Scan# 21
Delta R.T. 0.001 min
Lab File: BG060218.D
Acq: 3 Jan 2024 7:59

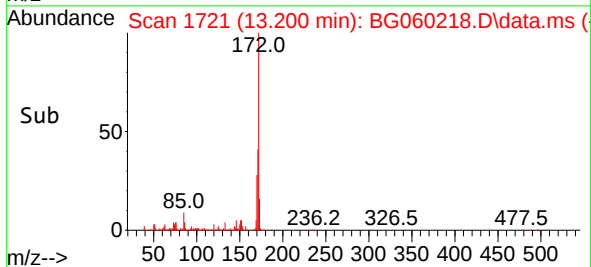
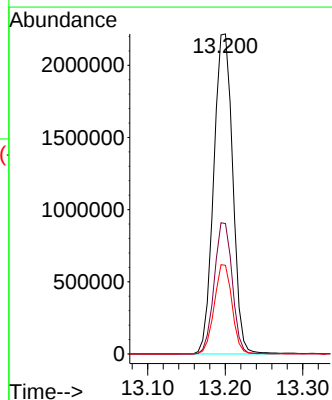
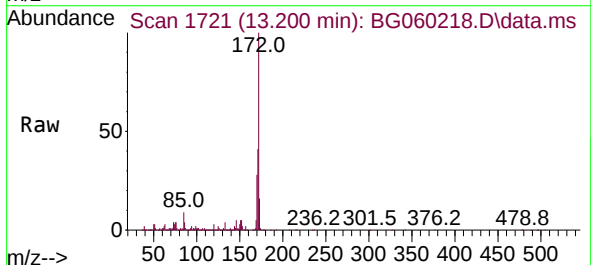
Instrument :
BNA_G
ClientSampleId :
GHL-SS-60

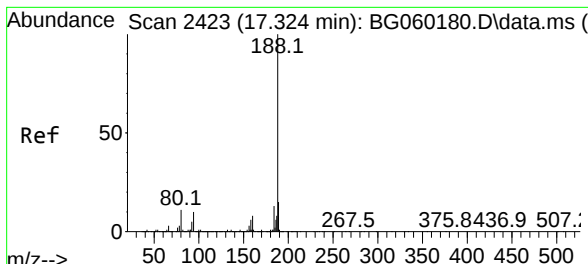
Tgt Ion:330 Resp: 1135364
Ion Ratio Lower Upper
330 100
332 96.8 76.7 115.1
141 27.0 21.0 31.4



#45
2-Fluorobiphenyl
Concen: 62.741 ng
RT: 13.200 min Scan# 1721
Delta R.T. 0.001 min
Lab File: BG060218.D
Acq: 3 Jan 2024 7:59

Tgt Ion:172 Resp: 3779555
Ion Ratio Lower Upper
172 100
171 40.8 32.6 48.8
170 27.7 21.8 32.6



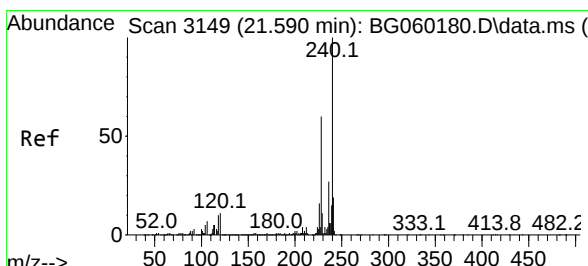
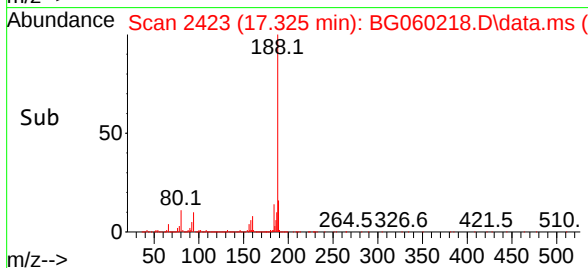
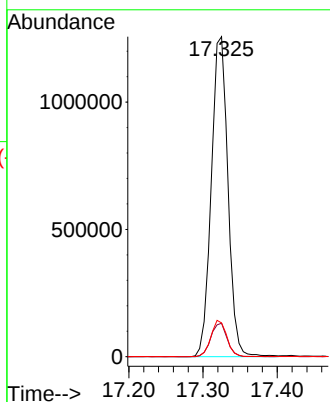
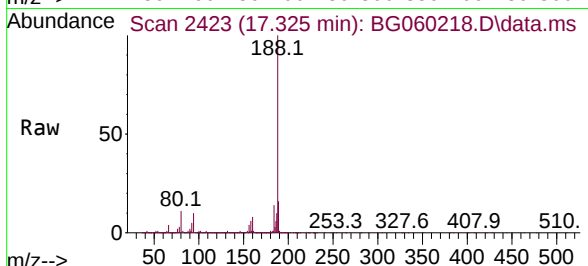


#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.325 min Scan# 2423
 Delta R.T. 0.001 min
 Lab File: BG060218.D
 Acq: 3 Jan 2024 7:59

Instrument :
 BNA_G
 ClientSampleId :
 GHL-SS-60

Tgt Ion:188 Resp: 1960419

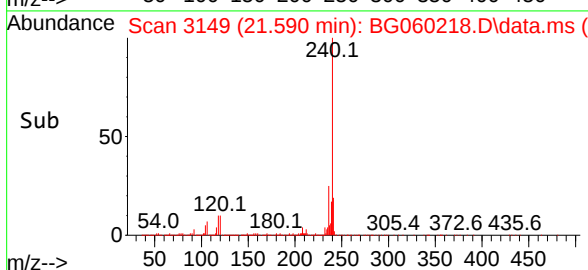
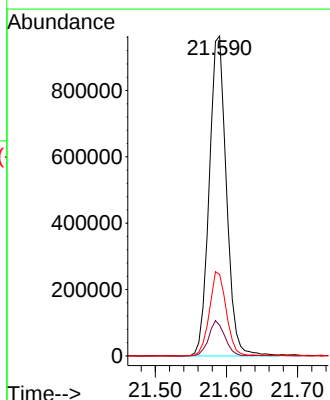
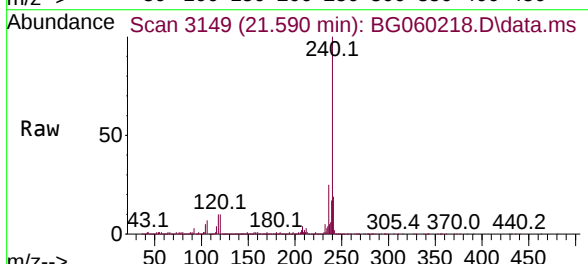
Ion	Ratio	Lower	Upper
188	100		
94	10.4	7.8	11.6
80	10.6	8.6	13.0

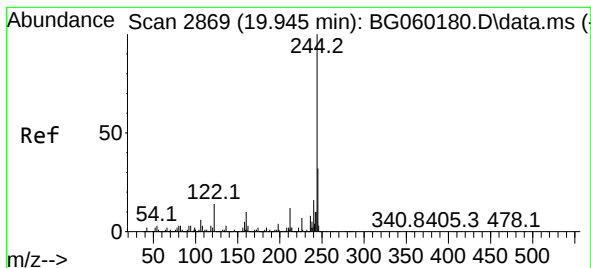


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.590 min Scan# 3149
 Delta R.T. 0.001 min
 Lab File: BG060218.D
 Acq: 3 Jan 2024 7:59

Tgt Ion:240 Resp: 1617976

Ion	Ratio	Lower	Upper
240	100		
120	9.6	8.5	12.7
236	25.5	21.4	32.2





#79

Terphenyl-d14

Concen: 56.871 ng

RT: 19.945 min Scan# 2869

Delta R.T. 0.000 min

Lab File: BG060218.D

Acq: 3 Jan 2024 7:59

Instrument :

BNA_G

ClientSampleId :

GHL-SS-60

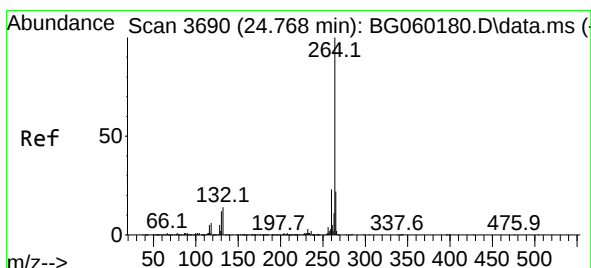
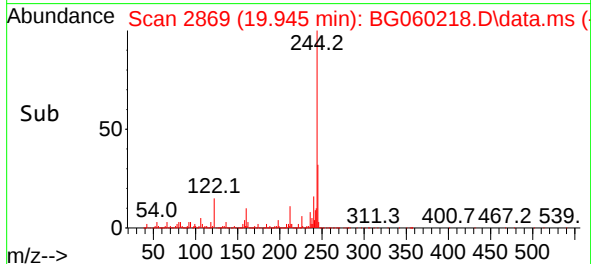
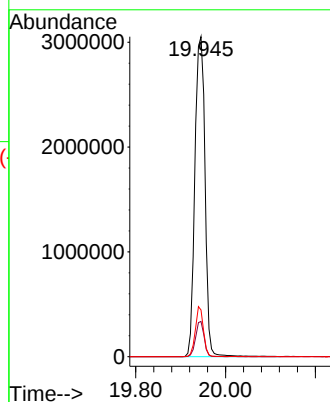
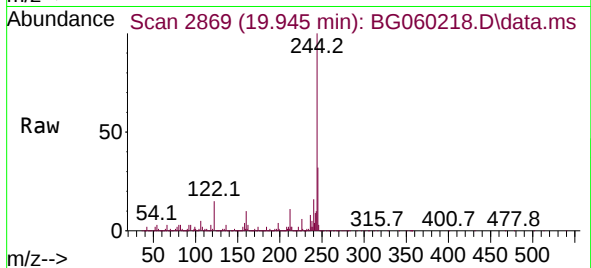
Tgt Ion:244 Resp: 4786309

Ion Ratio Lower Upper

244 100

212 11.0 9.5 14.3

122 14.6 11.4 17.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.757 min Scan# 3688

Delta R.T. -0.011 min

Lab File: BG060218.D

Acq: 3 Jan 2024 7:59

Tgt Ion:264 Resp: 1805502

Ion Ratio Lower Upper

264 100

260 22.3 18.0 27.0

265 21.6 17.4 26.0

