

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010224\
 Data File : BG060198.D
 Acq On : 2 Jan 2024 17:10
 Operator : MA/JU
 Sample : 05899-18
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GHL-SS-06-2-4

Quant Time: Jan 03 00:38:37 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	236671	20.000	ng	0.00
21) Naphthalene-d8	10.738	136	948389	20.000	ng	0.00
39) Acenaphthene-d10	14.575	164	720627	20.000	ng	0.00
64) Phenanthrene-d10	17.325	188	1783726	20.000	ng	0.00
76) Chrysene-d12	21.590	240	1579240	20.000	ng	0.00
86) Perylene-d12	24.763	264	1787029	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.509	112	1594156	101.665	ng	0.00
7) Phenol-d6	7.101	99	2036934	87.490	ng	0.00
23) Nitrobenzene-d5	9.099	82	1186688	57.796	ng	0.00
42) 2,4,6-Tribromophenol	16.061	330	850803	88.200	ng	0.00
45) 2-Fluorobiphenyl	13.200	172	3323307	66.280	ng	0.00
79) Terphenyl-d14	19.945	244	4538903	55.255	ng	0.00

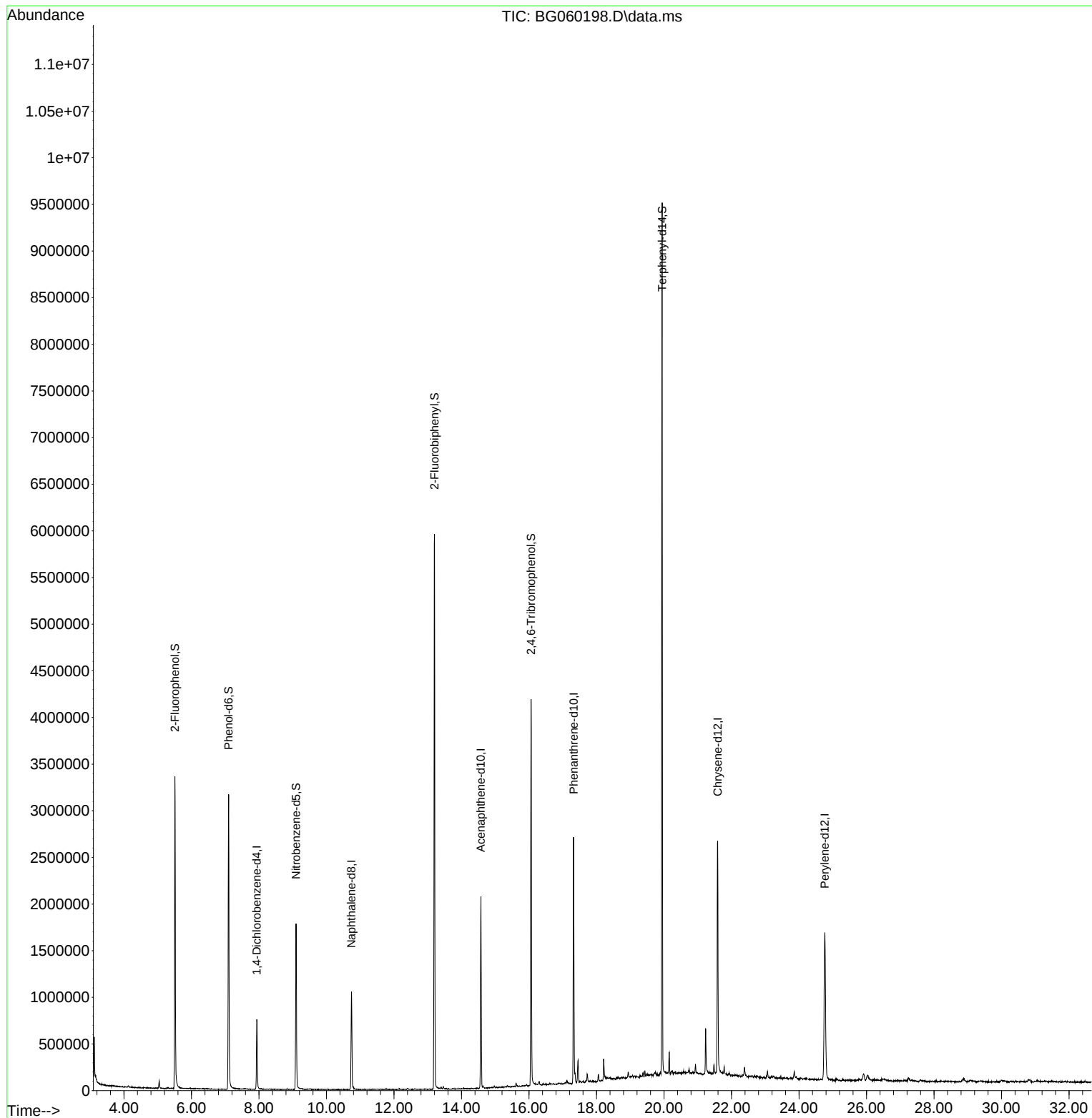
Target Compounds	Qvalue

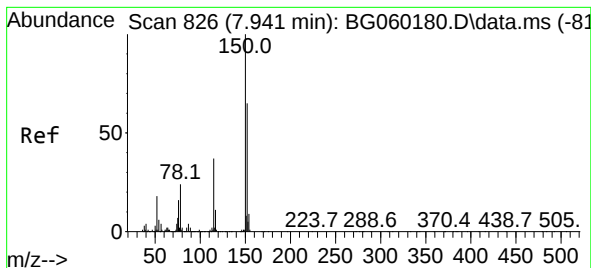
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG060198.D

Acq: 2 Jan 2024 17:10

Instrument :

BNA_G

ClientSampleId :

GHL-SS-06-2-4

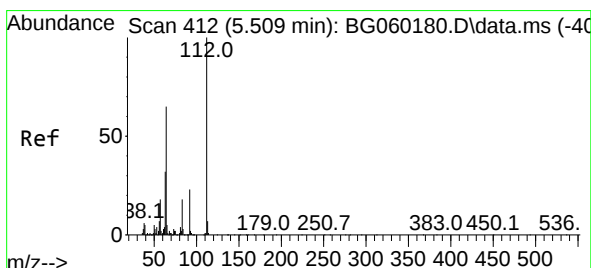
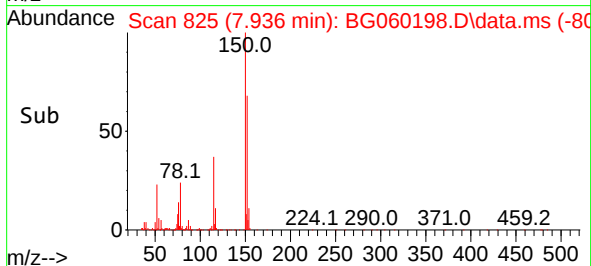
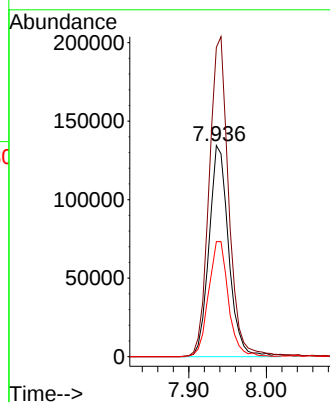
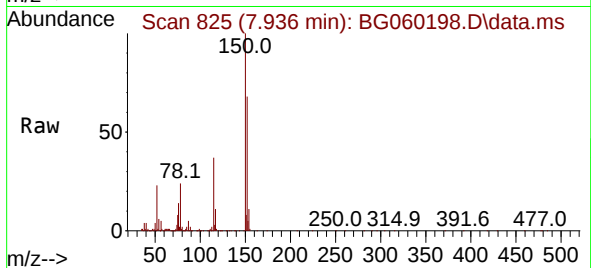
Tgt Ion:152 Resp: 236671

Ion Ratio Lower Upper

152 100

150 146.5 123.4 185.0

115 54.5 45.4 68.0



#5

2-Fluorophenol

Concen: 101.665 ng

RT: 5.509 min Scan# 412

Delta R.T. 0.000 min

Lab File: BG060198.D

Acq: 2 Jan 2024 17:10

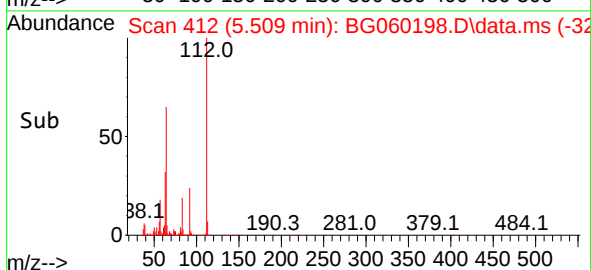
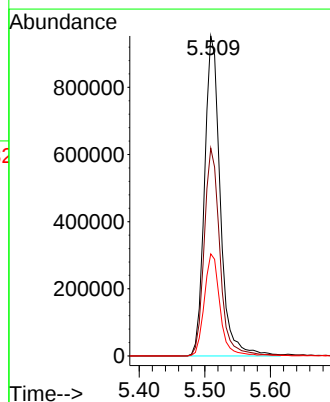
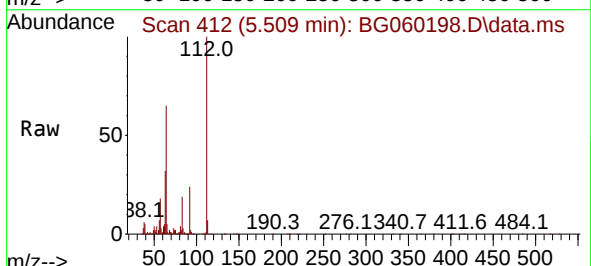
Tgt Ion:112 Resp: 1594156

Ion Ratio Lower Upper

112 100

64 64.9 52.2 78.4

63 31.9 25.4 38.0



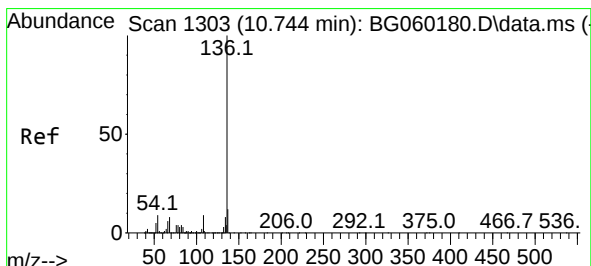
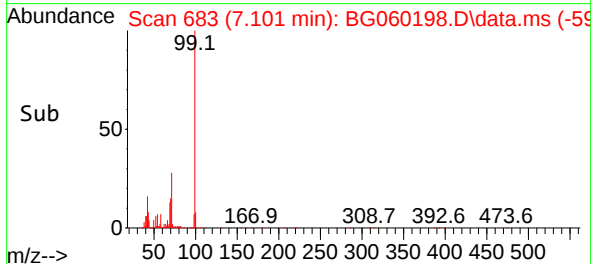
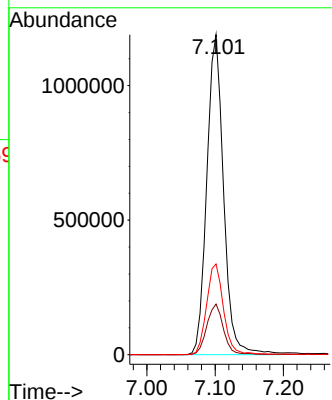
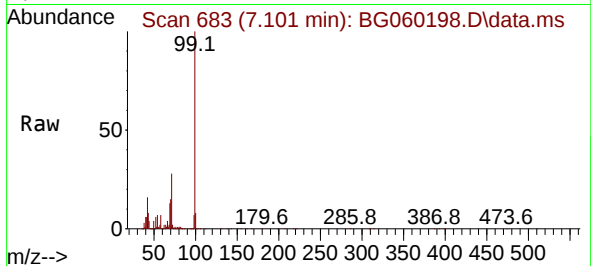


#7
Phenol-d6
Concen: 87.490 ng
RT: 7.101 min Scan# 61
Delta R.T. 0.000 min
Lab File: BG060198.D
Acq: 2 Jan 2024 17:10

Instrument :
BNA_G
ClientSampleId :
GHL-SS-06-2-4

Tgt Ion: 99 Resp: 2036934

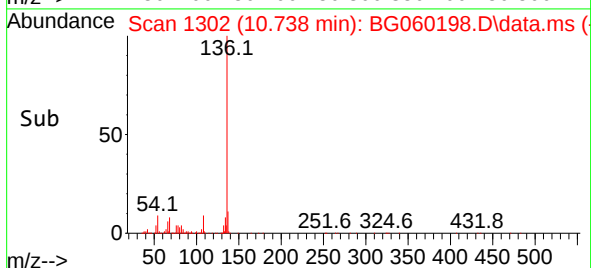
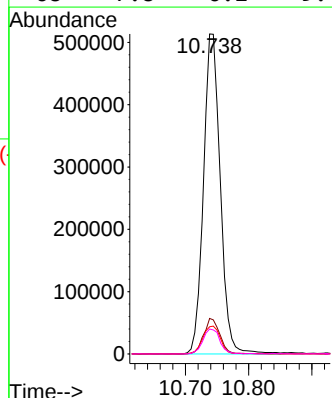
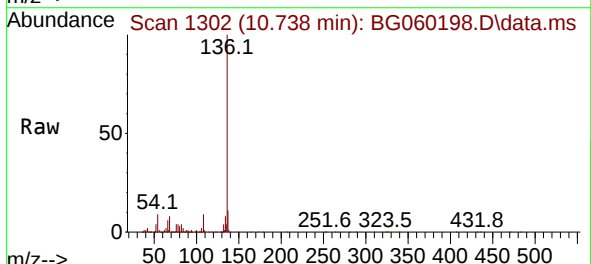
Ion	Ratio	Lower	Upper
99	100		
42	15.8	12.5	18.7
71	28.4	24.1	36.1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.738 min Scan# 1302
Delta R.T. -0.006 min
Lab File: BG060198.D
Acq: 2 Jan 2024 17:10

Tgt Ion:136 Resp: 948389

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.4	14.0
54	8.5	7.4	11.2
68	7.8	6.2	9.4





#23

Nitrobenzene-d5

Concen: 57.796 ng

RT: 9.099 min Scan# 1024

Delta R.T. -0.006 min

Lab File: BG060198.D

Acq: 2 Jan 2024 17:10

Instrument :

BNA_G

ClientSampleId :

GHL-SS-06-2-4

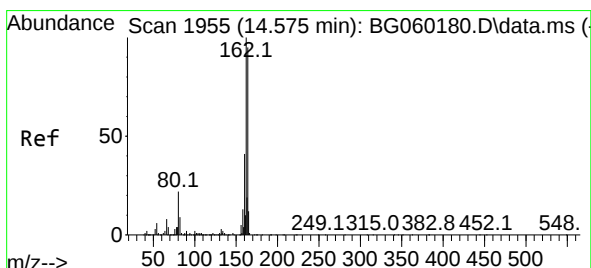
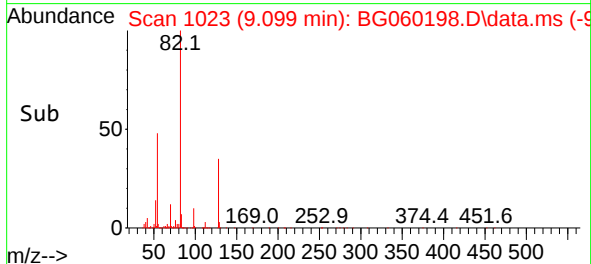
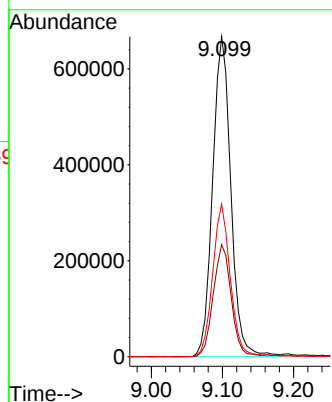
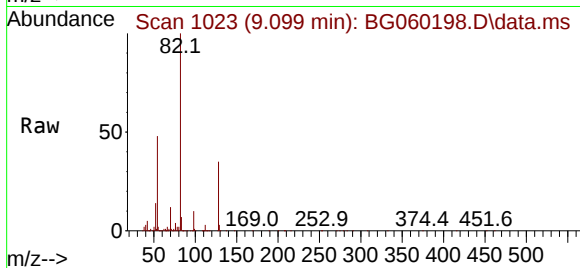
Tgt Ion: 82 Resp: 1186688

Ion Ratio Lower Upper

82 100

128 35.0 28.7 43.1

54 47.7 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: BG060198.D

Acq: 2 Jan 2024 17:10

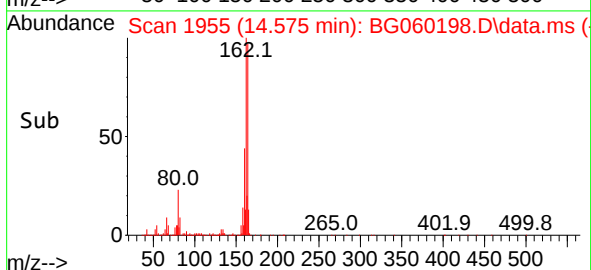
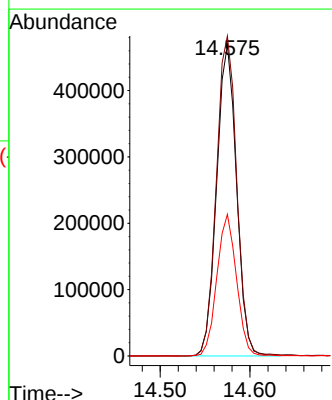
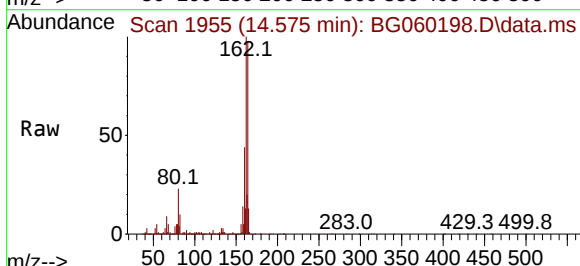
Tgt Ion:164 Resp: 720627

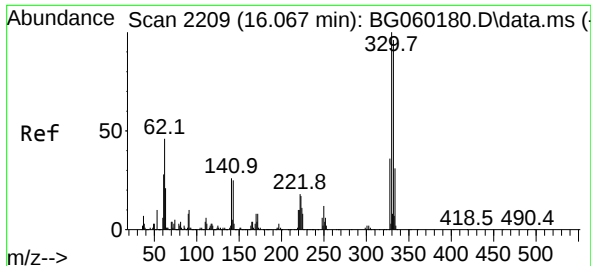
Ion Ratio Lower Upper

164 100

162 102.9 83.9 125.9

160 45.5 34.2 51.4

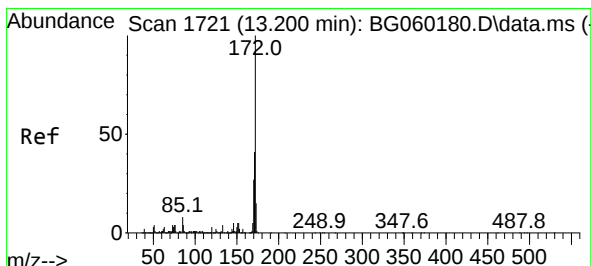
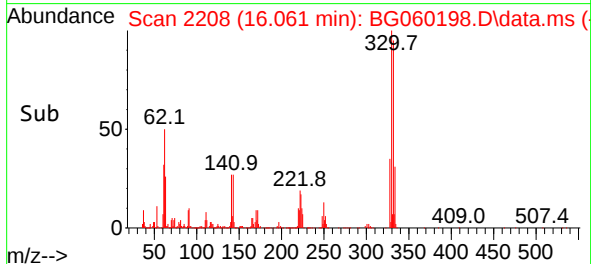
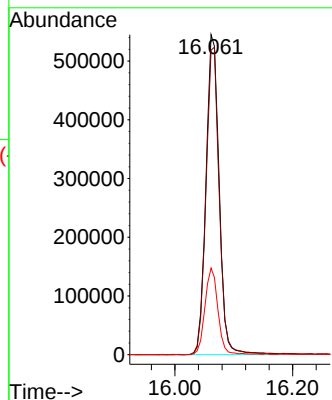
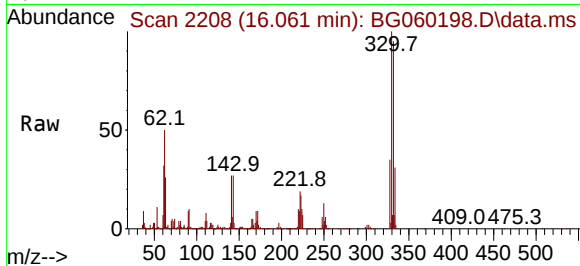




#42
2,4,6-Tribromophenol
Concen: 88.200 ng
RT: 16.061 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG060198.D
Acq: 2 Jan 2024 17:10

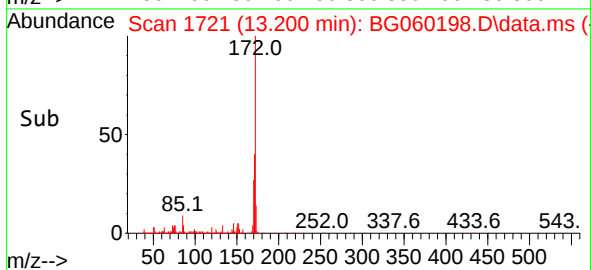
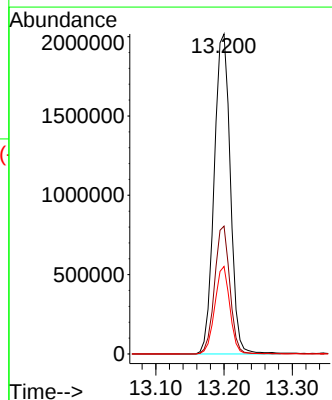
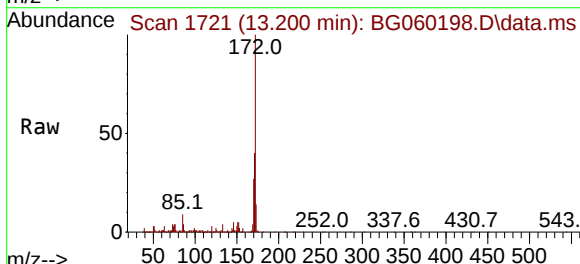
Instrument :
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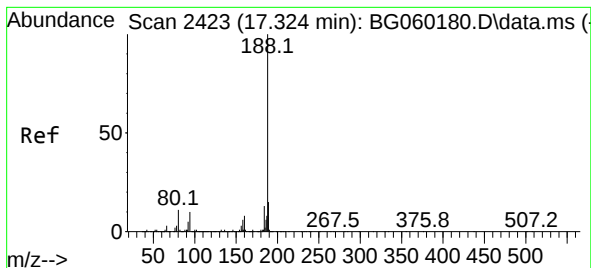
Tgt Ion:330 Resp: 850803
Ion Ratio Lower Upper
330 100
332 96.2 76.7 115.1
141 26.7 21.0 31.4



#45
2-Fluorobiphenyl
Concen: 66.280 ng
RT: 13.200 min Scan# 1721
Delta R.T. 0.000 min
Lab File: BG060198.D
Acq: 2 Jan 2024 17:10

Tgt Ion:172 Resp: 3323307
Ion Ratio Lower Upper
172 100
171 40.0 32.6 48.8
170 27.4 21.8 32.6

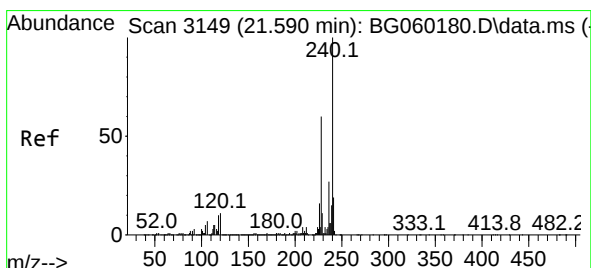
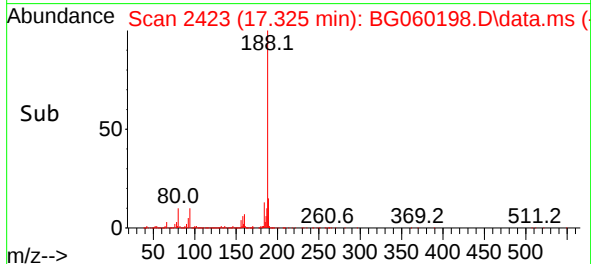
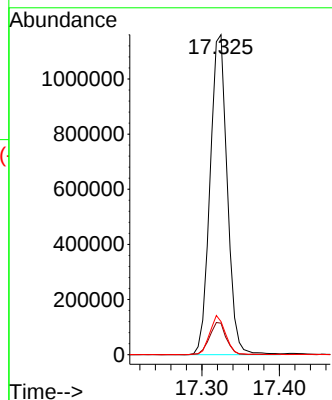
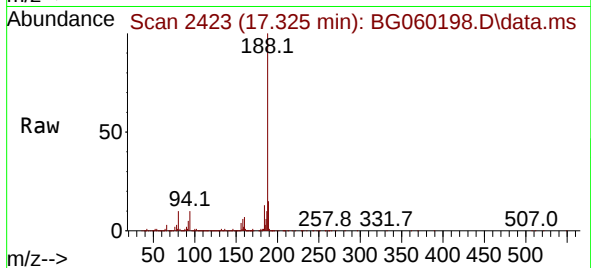




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.325 min Scan# 24
Delta R.T. 0.000 min
Lab File: BG060198.D
Acq: 2 Jan 2024 17:10

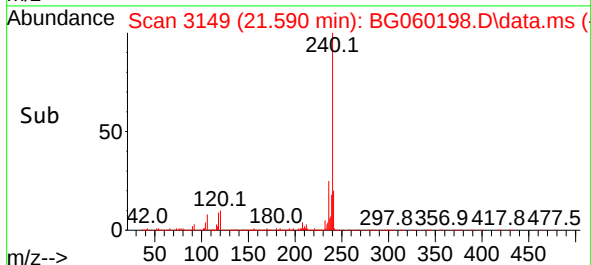
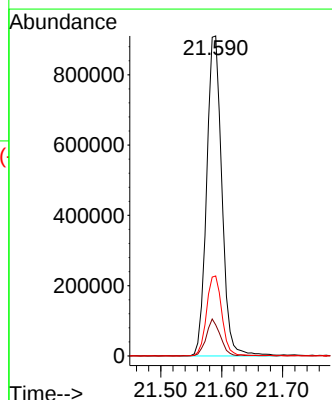
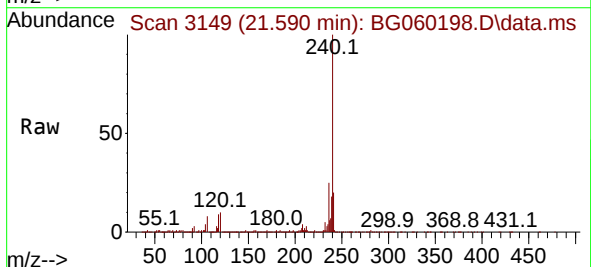
Instrument :
BNA_G
ClientSampleId :
GHL-SS-06-2-4

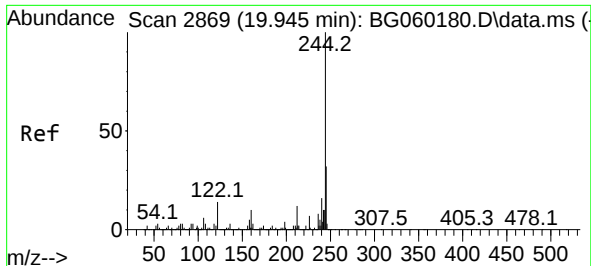
Tgt Ion:188 Resp: 1783726
Ion Ratio Lower Upper
188 100
94 9.8 7.8 11.6
80 10.4 8.6 13.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.590 min Scan# 3149
Delta R.T. 0.000 min
Lab File: BG060198.D
Acq: 2 Jan 2024 17:10

Tgt Ion:240 Resp: 1579240
Ion Ratio Lower Upper
240 100
120 9.7 8.5 12.7
236 25.0 21.4 32.2

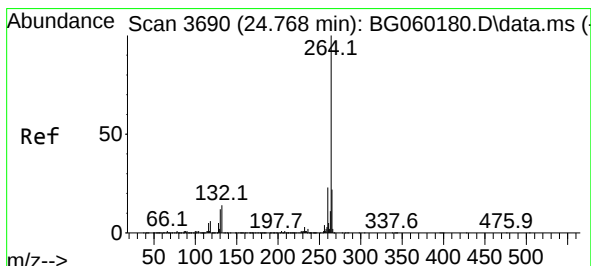
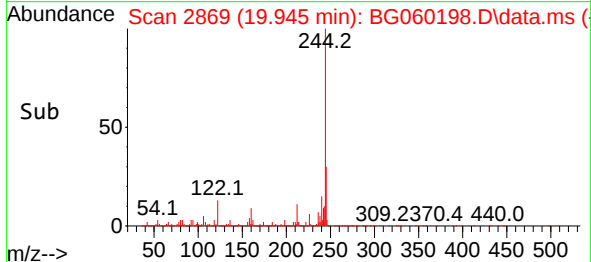
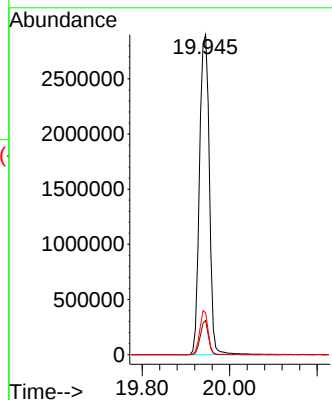
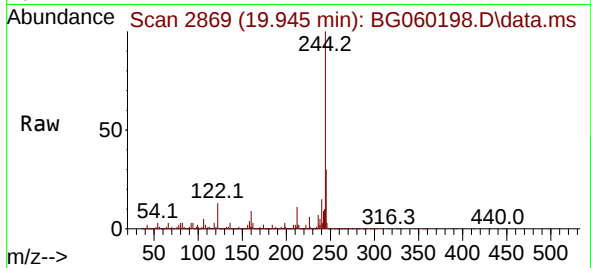




#79
 Terphenyl-d14
 Concen: 55.255 ng
 RT: 19.945 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BG060198.D
 Acq: 2 Jan 2024 17:10

Instrument :
 BNA_G
 ClientSampleId :
 GHL-SS-06-2-4

Tgt Ion:244 Resp: 4538903
 Ion Ratio Lower Upper
 244 100
 212 10.6 9.5 14.3
 122 13.1 11.4 17.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.763 min Scan# 3689
 Delta R.T. -0.006 min
 Lab File: BG060198.D
 Acq: 2 Jan 2024 17:10

Tgt Ion:264 Resp: 1787029
 Ion Ratio Lower Upper
 264 100
 260 24.2 18.0 27.0
 265 20.9 17.4 26.0

