

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010224\
 Data File : BG060201.D
 Acq On : 2 Jan 2024 19:11
 Operator : MA/JU
 Sample : 05899-05
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GHL-SS-11

Quant Time: Jan 03 00:40:41 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	7.935	152	223733	20.000	ng	0.00
21) Naphthalene-d8	10.744	136	905923	20.000	ng	0.00
39) Acenaphthene-d10	14.574	164	694936	20.000	ng	0.00
64) Phenanthrene-d10	17.324	188	1730369	20.000	ng	0.00
76) Chrysene-d12	21.590	240	1590476	20.000	ng	0.00
86) Perylene-d12	24.763	264	1776340	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.509	112	1465123	98.840	ng	0.00
7) Phenol-d6	7.101	99	1885272	85.659	ng	0.00
23) Nitrobenzene-d5	9.099	82	1210988	61.744	ng	0.00
42) 2,4,6-Tribromophenol	16.061	330	793343	85.283	ng	0.00
45) 2-Fluorobiphenyl	13.194	172	2837789	58.689	ng	0.00
79) Terphenyl-d14	19.945	244	4220925	51.021	ng	0.00

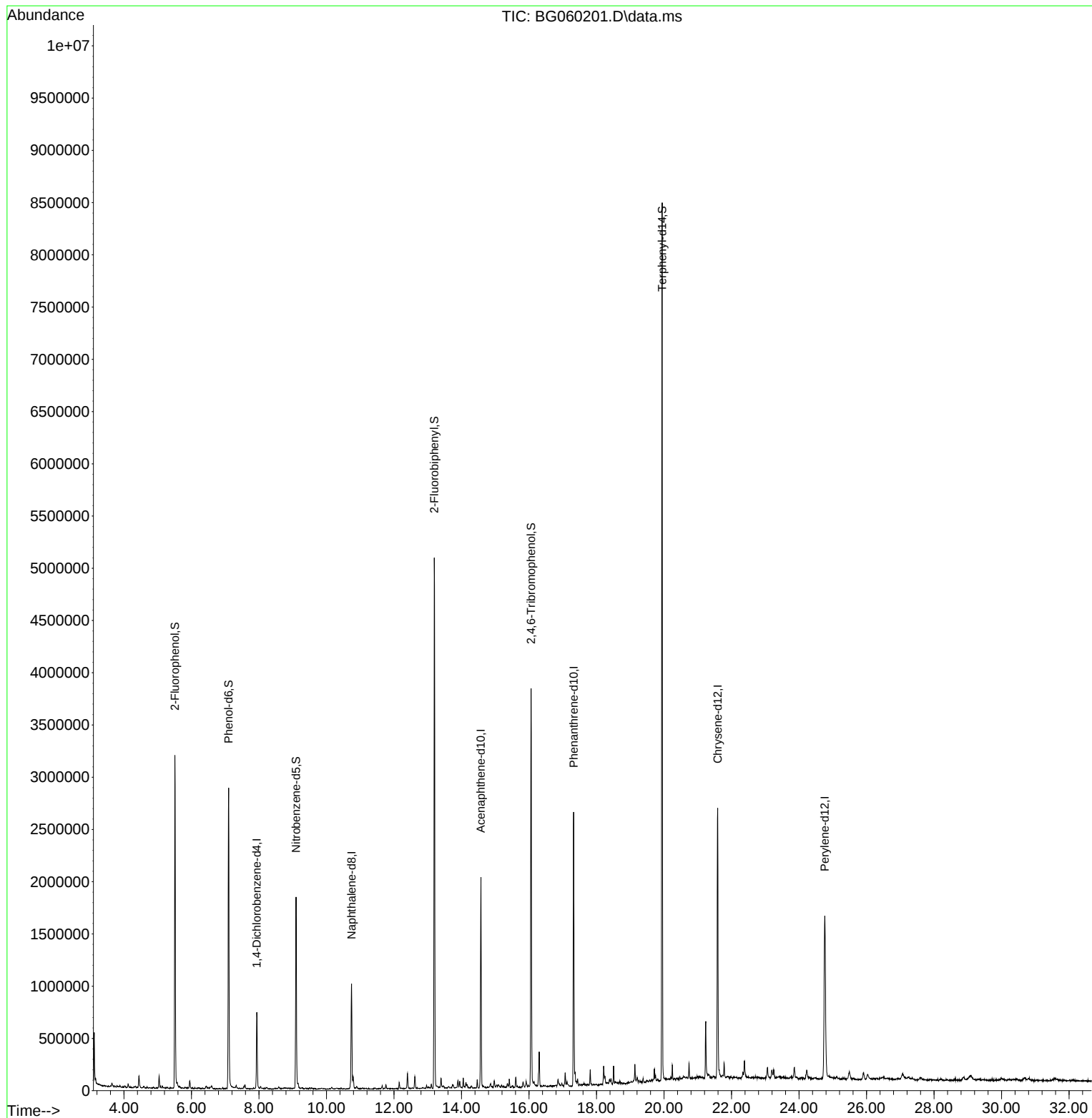
Target Compounds	Qvalue

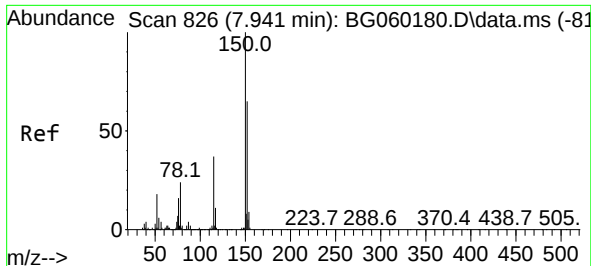
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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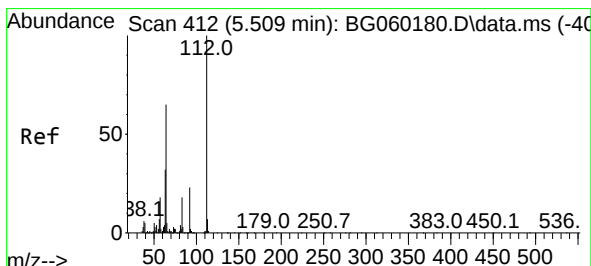
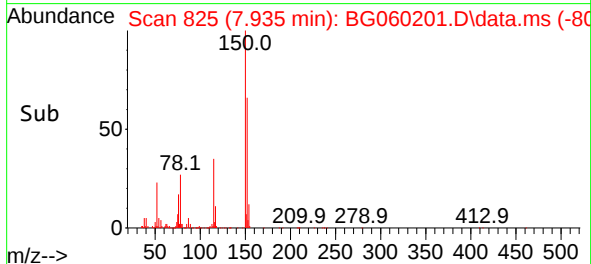
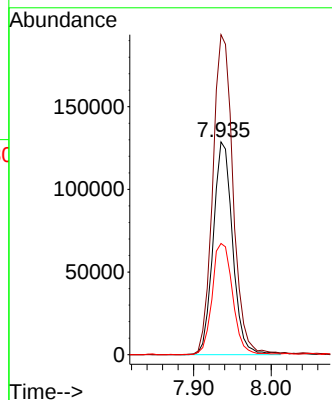
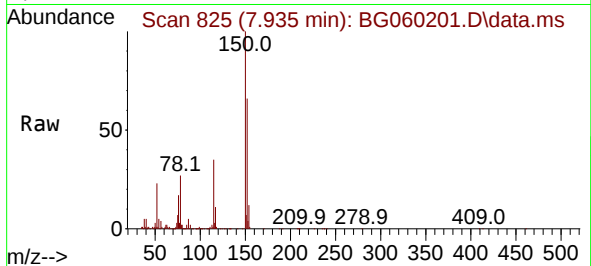




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.935 min Scan# 81
Delta R.T. -0.006 min
Lab File: BG060201.D
Acq: 2 Jan 2024 19:11

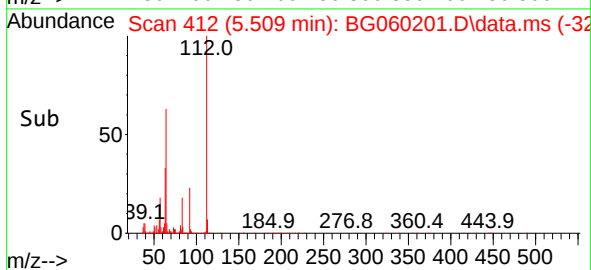
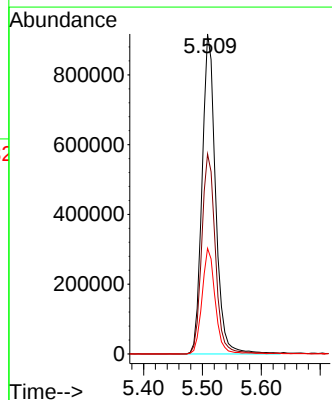
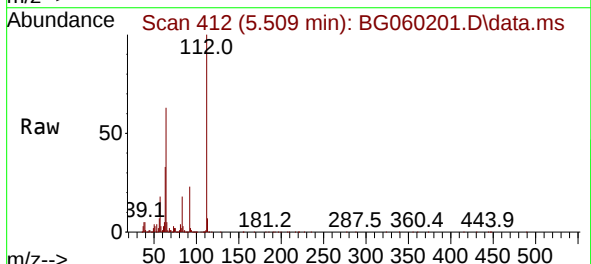
Instrument :
BNA_G
ClientSampleId :
GHL-SS-11

Tgt Ion:152 Resp: 223733
Ion Ratio Lower Upper
152 100
150 150.4 123.4 185.0
115 52.3 45.4 68.0



#5
2-Fluorophenol
Concen: 98.840 ng
RT: 5.509 min Scan# 412
Delta R.T. -0.000 min
Lab File: BG060201.D
Acq: 2 Jan 2024 19:11

Tgt Ion:112 Resp: 1465123
Ion Ratio Lower Upper
112 100
64 62.5 52.2 78.4
63 33.0 25.4 38.0



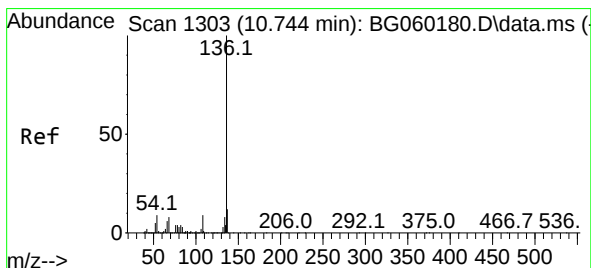
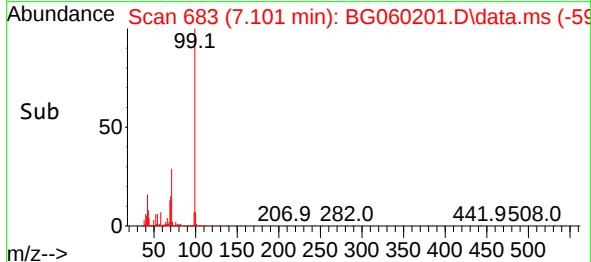
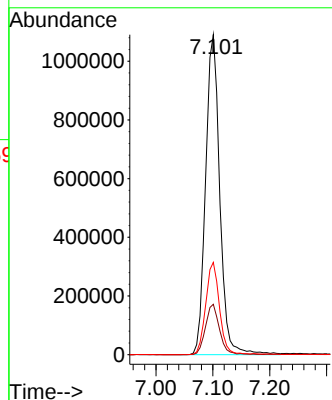
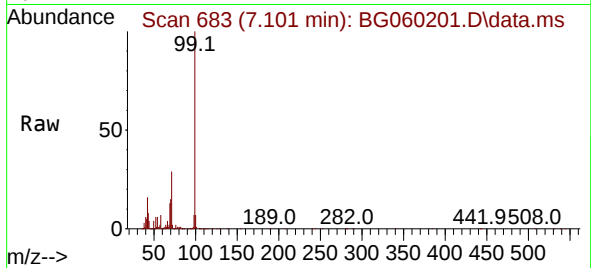


#7
Phenol-d6
Concen: 85.659 ng
RT: 7.101 min Scan# 683
Delta R.T. -0.000 min
Lab File: BG060201.D
Acq: 2 Jan 2024 19:11

Instrument :
BNA_G
ClientSampleId :
GHL-SS-11

Tgt Ion: 99 Resp: 1885272

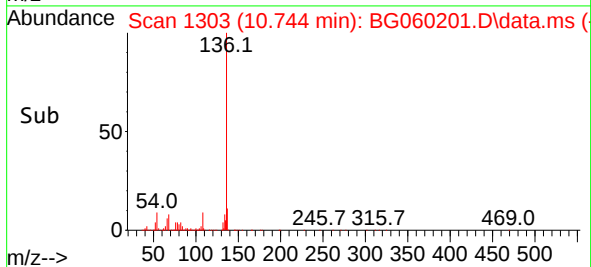
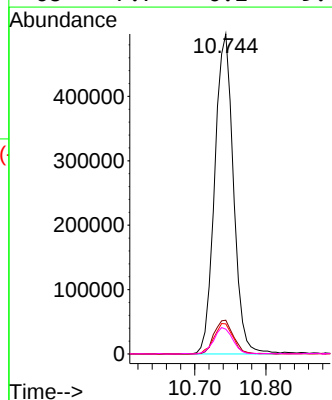
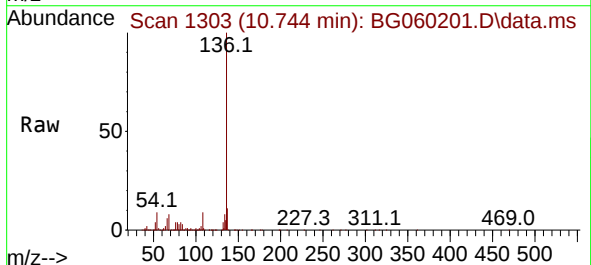
Ion	Ratio	Lower	Upper
99	100		
42	15.8	12.5	18.7
71	28.8	24.1	36.1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.744 min Scan# 1303
Delta R.T. -0.000 min
Lab File: BG060201.D
Acq: 2 Jan 2024 19:11

Tgt Ion: 136 Resp: 905923

Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.4	14.0
54	9.4	7.4	11.2
68	7.7	6.2	9.4

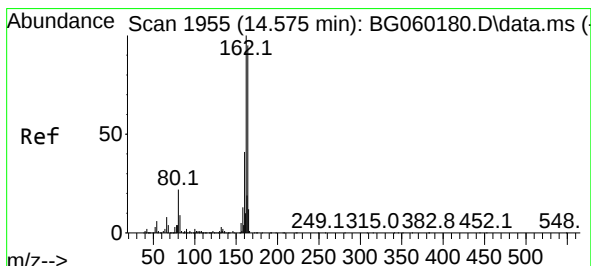
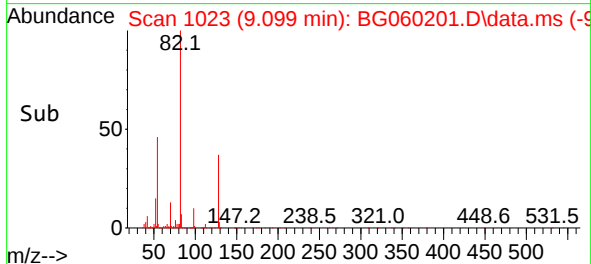
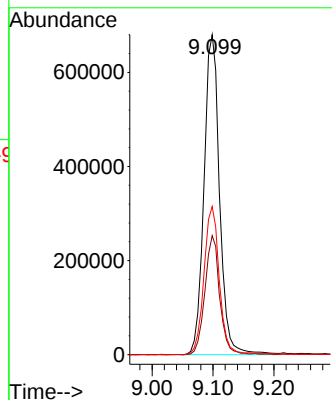
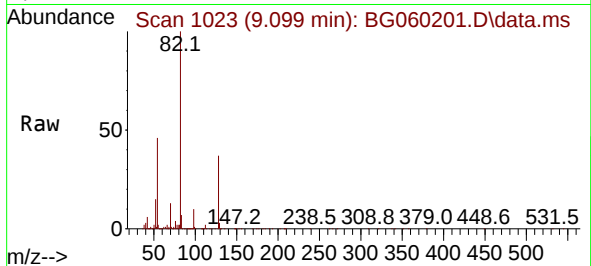




#23
Nitrobenzene-d5
Concen: 61.744 ng
RT: 9.099 min Scan# 1024
Delta R.T. -0.006 min
Lab File: BG060201.D
Acq: 2 Jan 2024 19:11

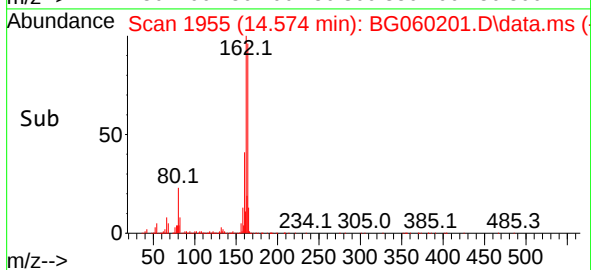
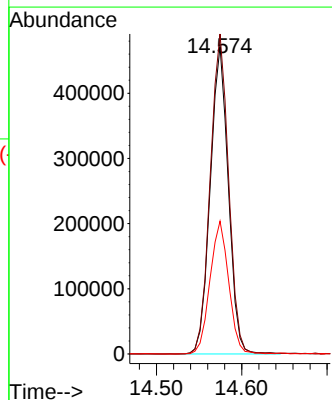
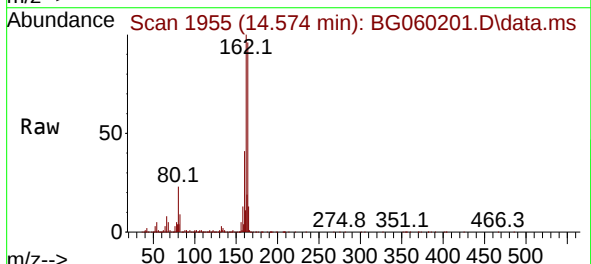
Instrument :
BNA_G
ClientSampleId :
GHL-SS-11

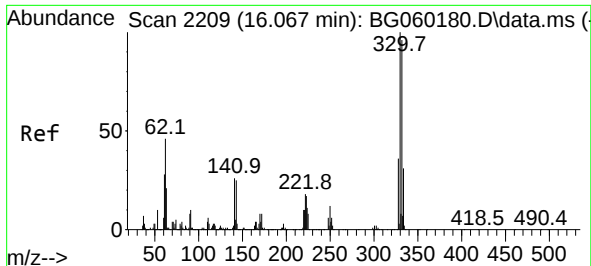
Tgt Ion: 82 Resp: 1210988
Ion Ratio Lower Upper
82 100
128 37.2 28.7 43.1
54 46.3 36.9 55.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.574 min Scan# 1955
Delta R.T. -0.000 min
Lab File: BG060201.D
Acq: 2 Jan 2024 19:11

Tgt Ion:164 Resp: 694936
Ion Ratio Lower Upper
164 100
162 104.0 83.9 125.9
160 43.1 34.2 51.4

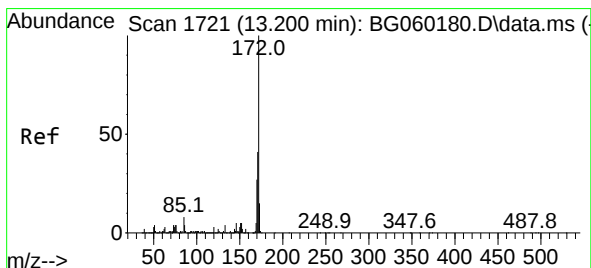
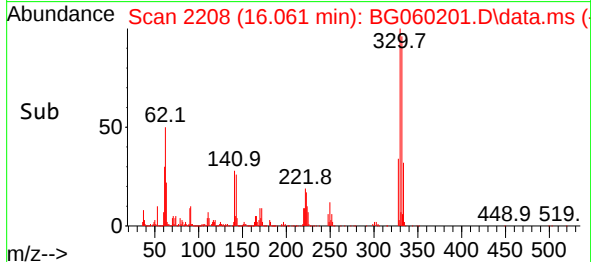
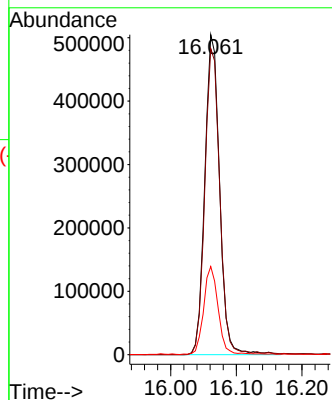
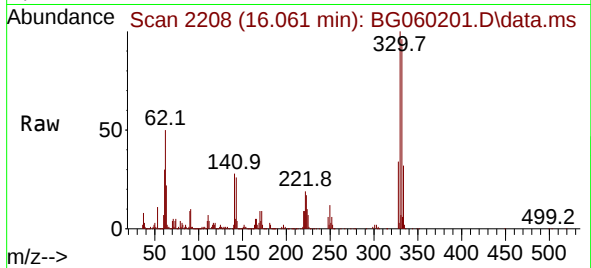




#42
2,4,6-Tribromophenol
Concen: 85.283 ng
RT: 16.061 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG060201.D
Acq: 2 Jan 2024 19:11

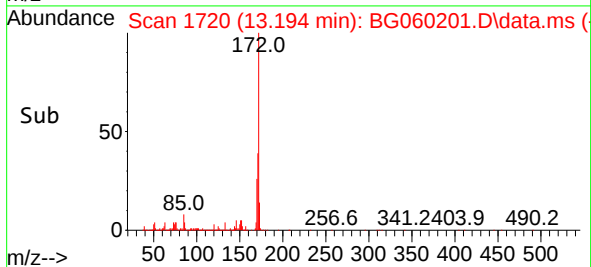
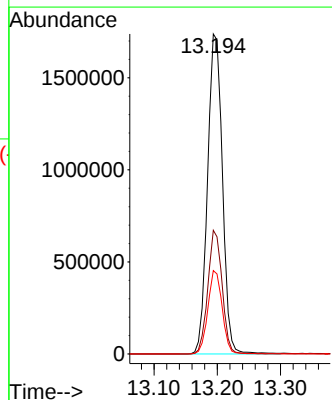
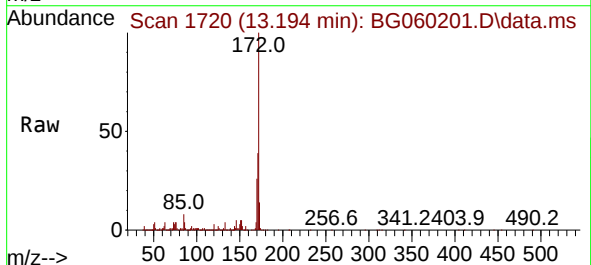
Instrument :
BNA_G
ClientSampleId :
GHL-SS-11

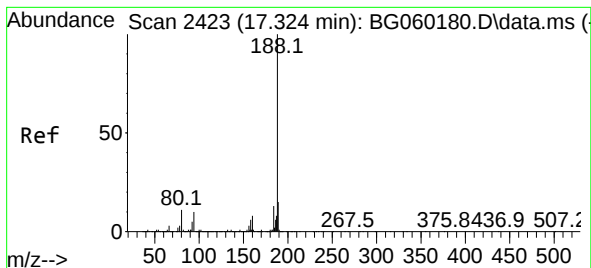
Tgt Ion:330 Resp: 793343
Ion Ratio Lower Upper
330 100
332 96.0 76.7 115.1
141 27.0 21.0 31.4



#45
2-Fluorobiphenyl
Concen: 58.689 ng
RT: 13.194 min Scan# 1720
Delta R.T. -0.006 min
Lab File: BG060201.D
Acq: 2 Jan 2024 19:11

Tgt Ion:172 Resp: 2837789
Ion Ratio Lower Upper
172 100
171 38.7 32.6 48.8
170 26.1 21.8 32.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.324 min Scan# 2423

Delta R.T. -0.000 min

Lab File: BG060201.D

Acq: 2 Jan 2024 19:11

Instrument :

BNA_G

ClientSampleId :

GHL-SS-11

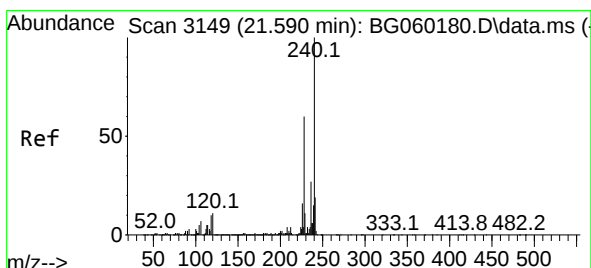
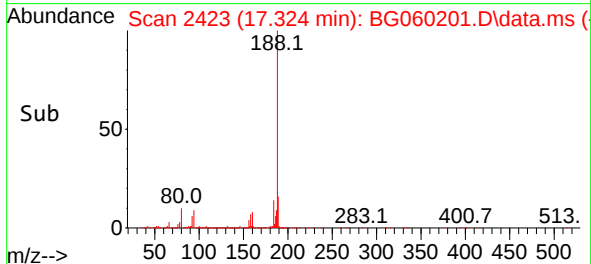
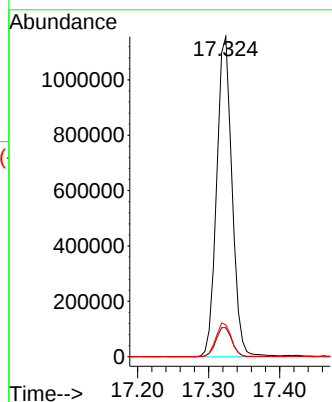
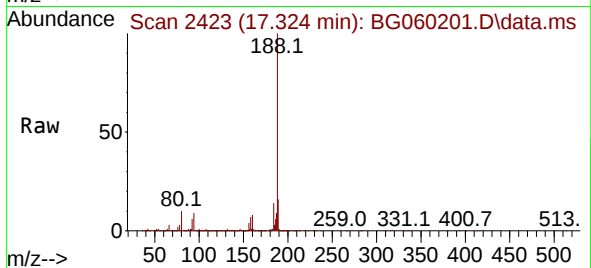
Tgt Ion:188 Resp: 1730369

Ion Ratio Lower Upper

188 100

94 9.0 7.8 11.6

80 9.9 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: BG060201.D

Acq: 2 Jan 2024 19:11

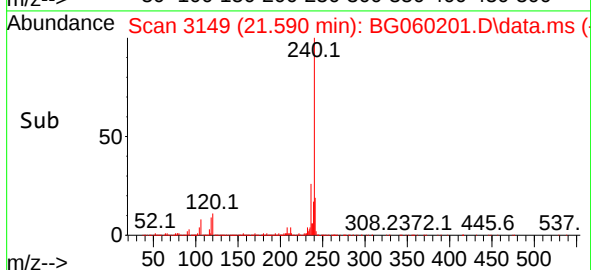
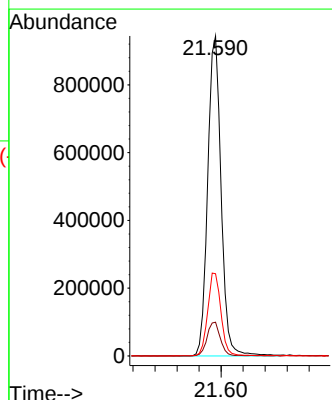
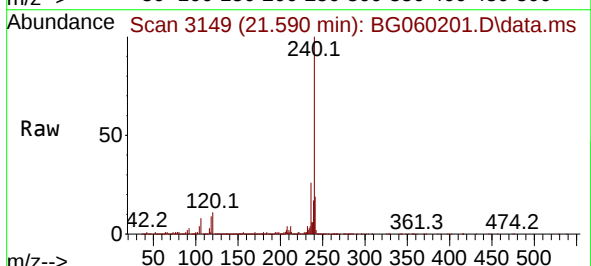
Tgt Ion:240 Resp: 1590476

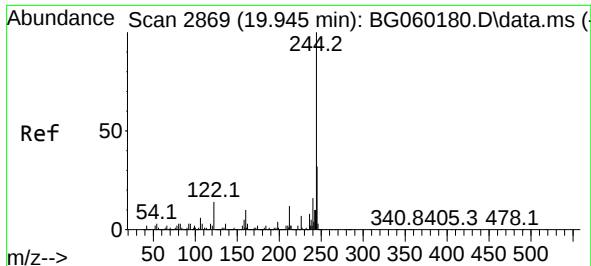
Ion Ratio Lower Upper

240 100

120 10.6 8.5 12.7

236 25.7 21.4 32.2





#79

Terphenyl-d14

Concen: 51.021 ng

RT: 19.945 min Scan# 2

Delta R.T. -0.000 min

Lab File: BG060201.D

Acq: 2 Jan 2024 19:11

Instrument :

BNA_G

ClientSampleId :

GHL-SS-11

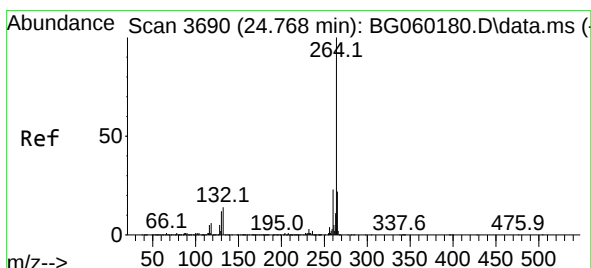
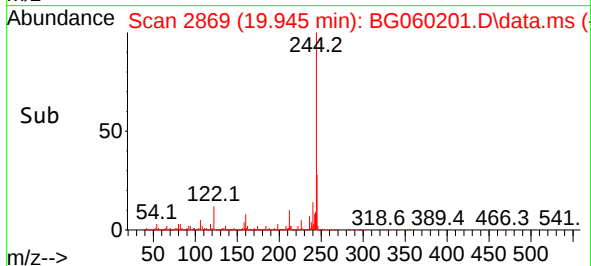
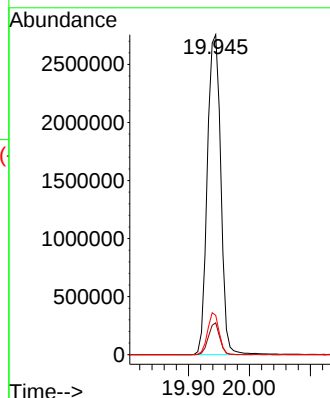
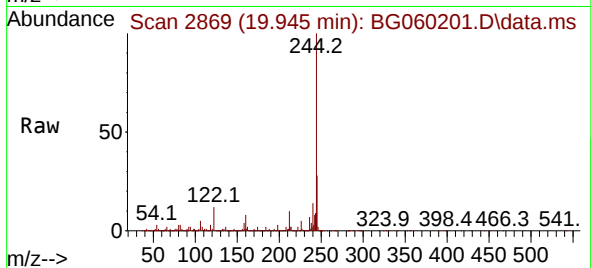
Tgt Ion:244 Resp: 4220925

Ion Ratio Lower Upper

244 100

212 10.0 9.5 14.3

122 12.3 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: BG060201.D

Acq: 2 Jan 2024 19:11

Tgt Ion:264 Resp: 1776340

Ion Ratio Lower Upper

264 100

260 23.0 18.0 27.0

265 21.5 17.4 26.0

