

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010324\
 Data File : BG060233.D
 Acq On : 3 Jan 2024 18:59
 Operator : MA/JU
 Sample : 05897-19
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GHL-SS-23

Quant Time: Jan 04 00:41:14 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	244643	20.000	ng	0.00
21) Naphthalene-d8	10.738	136	961678	20.000	ng	0.00
39) Acenaphthene-d10	14.568	164	731389	20.000	ng	0.00
64) Phenanthrene-d10	17.318	188	1759781	20.000	ng	0.00
76) Chrysene-d12	21.584	240	1530022	20.000	ng	0.00
86) Perylene-d12	24.762	264	1674430	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.509	112	1434220	88.485	ng	0.00
7) Phenol-d6	7.101	99	2163233	89.887	ng	0.00
23) Nitrobenzene-d5	9.098	82	1284564	61.698	ng	0.00
42) 2,4,6-Tribromophenol	16.061	330	912523	93.206	ng	0.00
45) 2-Fluorobiphenyl	13.194	172	2872855	56.453	ng	0.00
79) Terphenyl-d14	19.939	244	4121450	51.787	ng	0.00

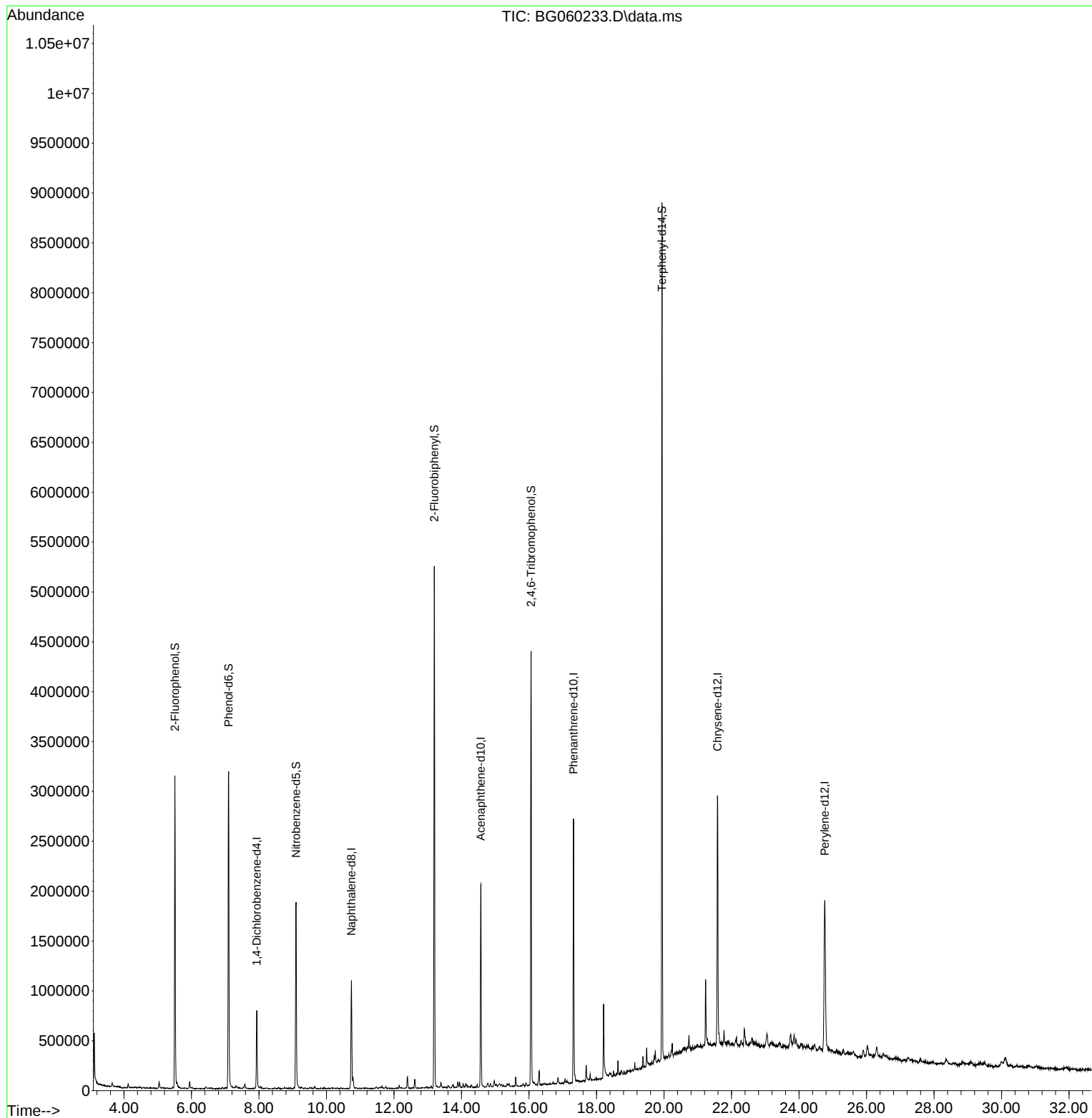
Target Compounds	Qvalue

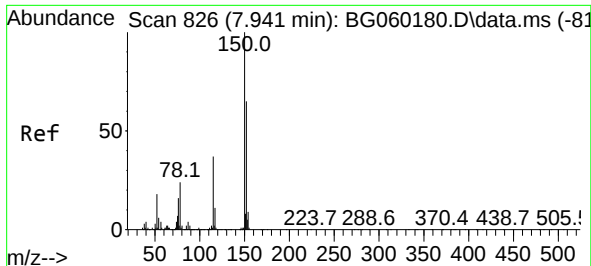
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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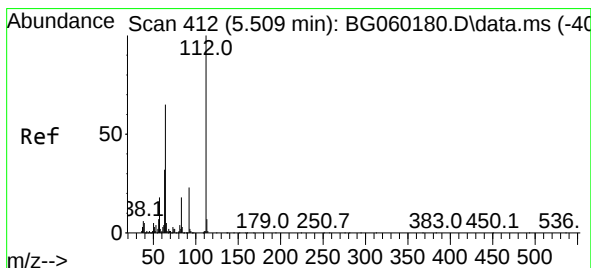
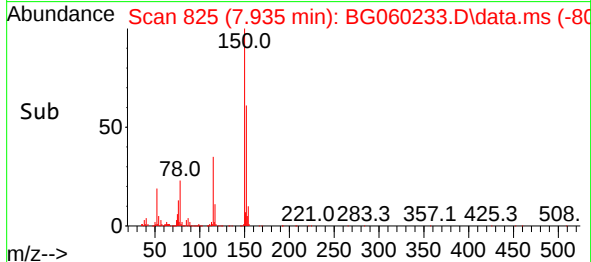
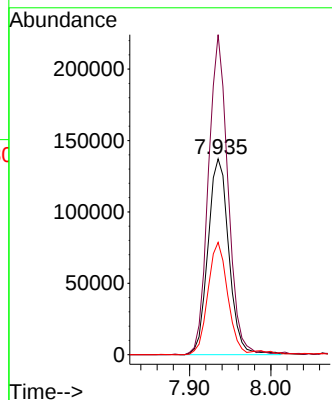
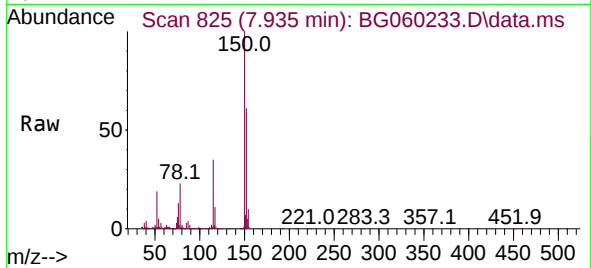




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.935 min Scan# 81
Delta R.T. -0.006 min
Lab File: BG060233.D
Acq: 3 Jan 2024 18:59

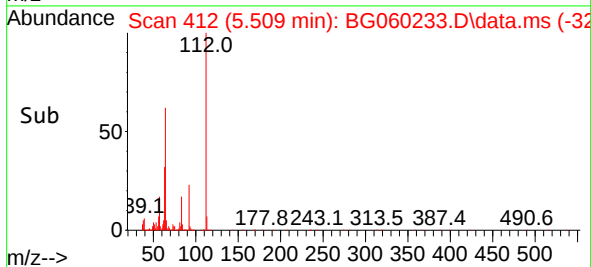
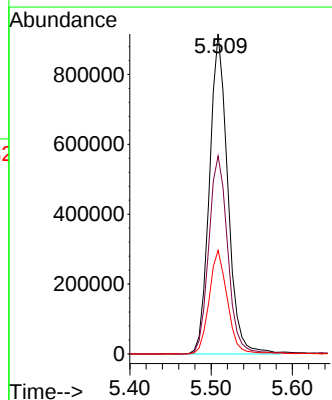
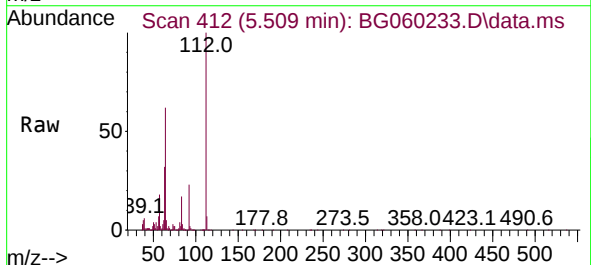
Instrument :
BNA_G
ClientSampleId :
GHL-SS-23

Tgt Ion:152 Resp: 244643
Ion Ratio Lower Upper
152 100
150 163.3 123.4 185.0
115 57.4 45.4 68.0



#5
2-Fluorophenol
Concen: 88.485 ng
RT: 5.509 min Scan# 412
Delta R.T. -0.000 min
Lab File: BG060233.D
Acq: 3 Jan 2024 18:59

Tgt Ion:112 Resp: 1434220
Ion Ratio Lower Upper
112 100
64 61.9 52.2 78.4
63 32.3 25.4 38.0





#7

Phenol-d6

Concen: 89.887 ng

RT: 7.101 min Scan# 61

Delta R.T. -0.000 min

Lab File: BG060233.D

Acq: 3 Jan 2024 18:59

Instrument :

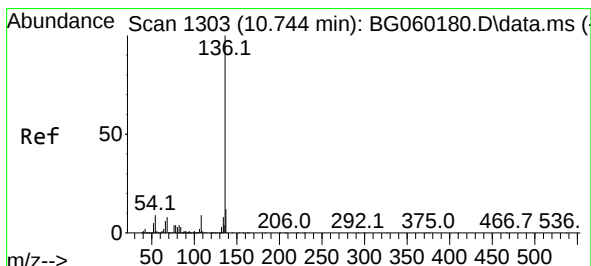
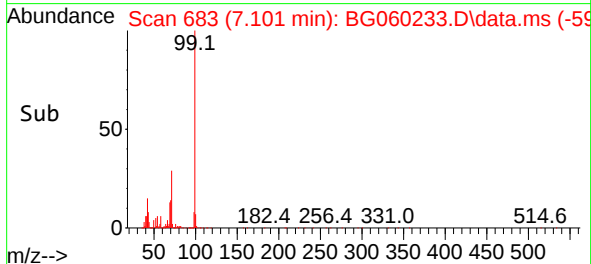
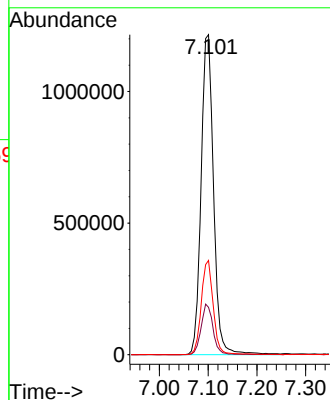
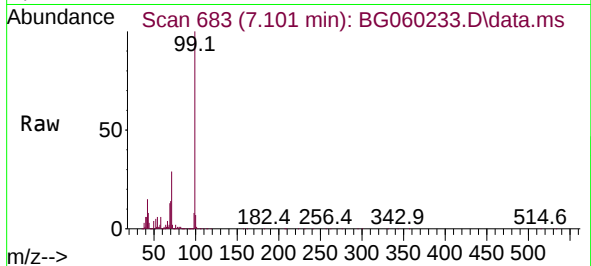
BNA_G

ClientSampleId :

GHL-SS-23

Tgt Ion: 99 Resp: 2163233

Ion	Ratio	Lower	Upper
99	100		
42	14.8	12.5	18.7
71	29.4	24.1	36.1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.738 min Scan# 1302

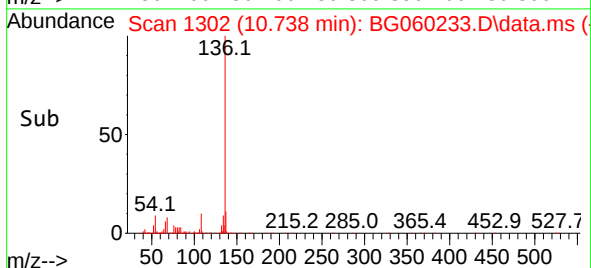
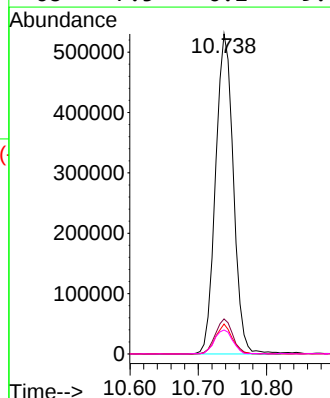
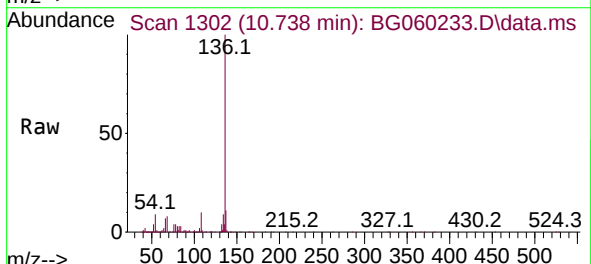
Delta R.T. -0.006 min

Lab File: BG060233.D

Acq: 3 Jan 2024 18:59

Tgt Ion:136 Resp: 961678

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.4	14.0
54	9.4	7.4	11.2
68	7.5	6.2	9.4

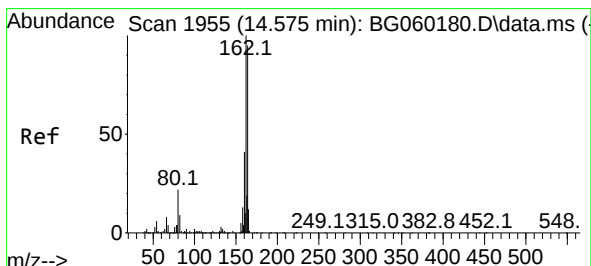
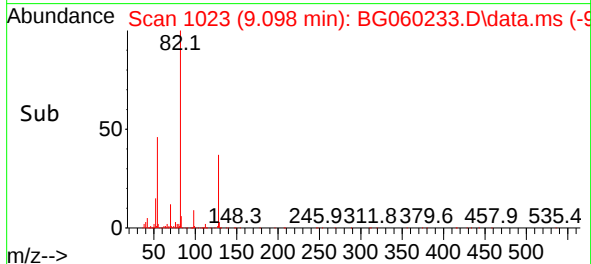
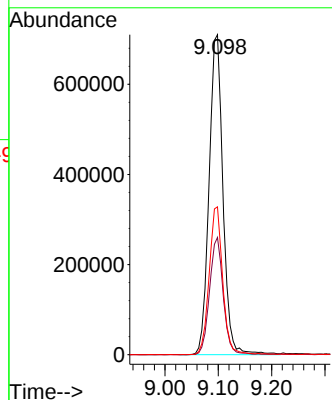
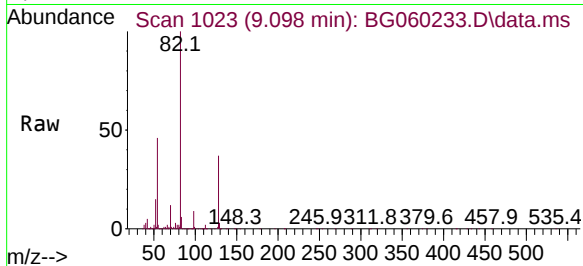




#23
Nitrobenzene-d5
Concen: 61.698 ng
RT: 9.098 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BG060233.D
Acq: 3 Jan 2024 18:59

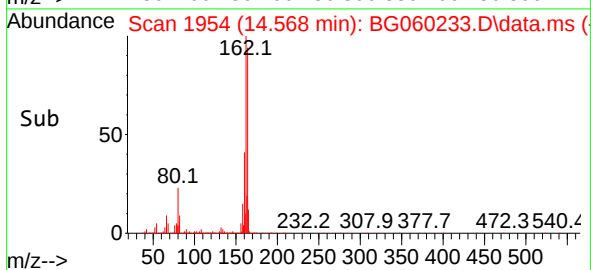
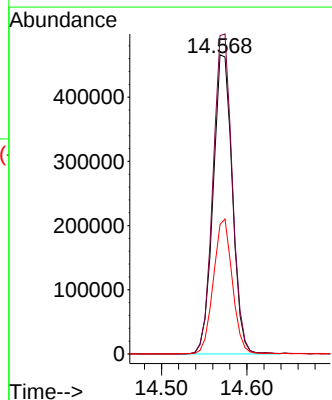
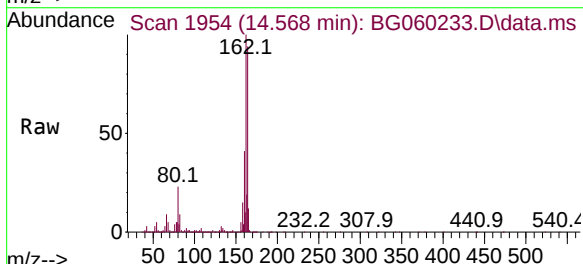
Instrument :
BNA_G
ClientSampleId :
GHL-SS-23

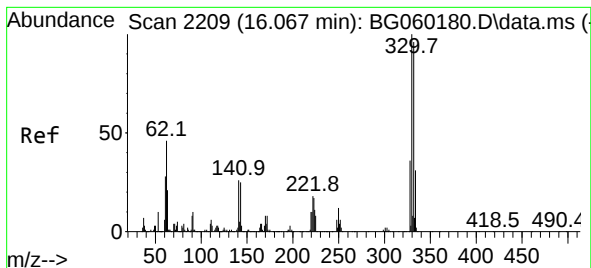
Tgt Ion: 82 Resp: 1284564
Ion Ratio Lower Upper
82 100
128 36.7 28.7 43.1
54 46.2 36.9 55.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.568 min Scan# 1954
Delta R.T. -0.006 min
Lab File: BG060233.D
Acq: 3 Jan 2024 18:59

Tgt Ion:164 Resp: 731389
Ion Ratio Lower Upper
164 100
162 106.4 83.9 125.9
160 43.3 34.2 51.4

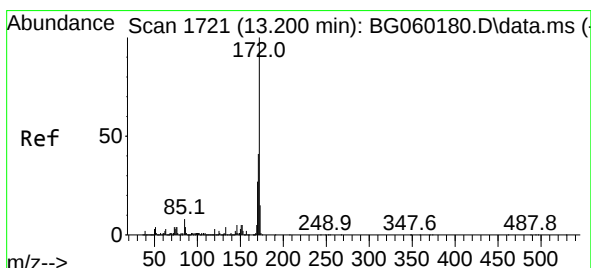
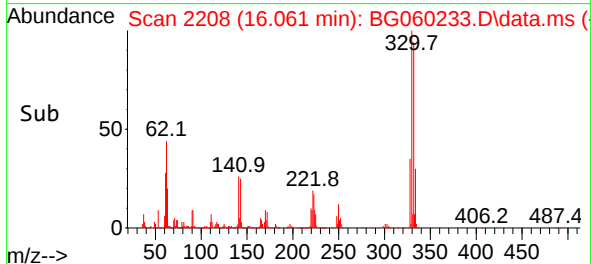
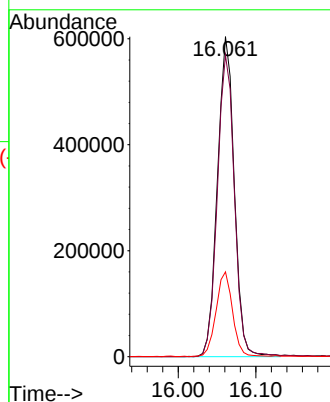
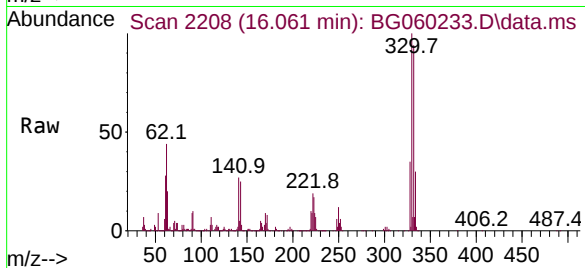




#42
2,4,6-Tribromophenol
Concen: 93.206 ng
RT: 16.061 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG060233.D
Acq: 3 Jan 2024 18:59

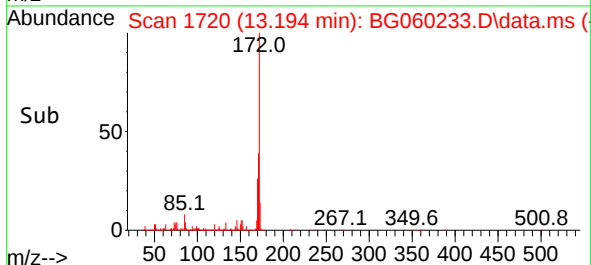
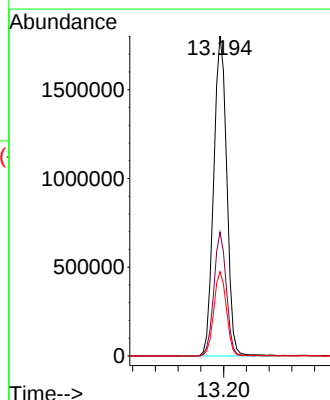
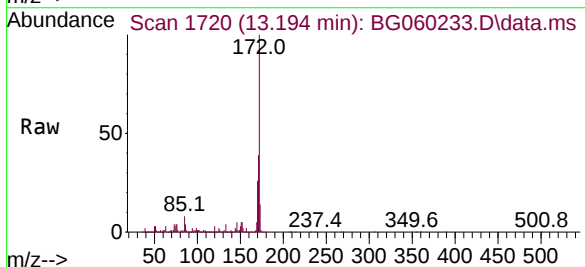
Instrument :
BNA_G
ClientSampleId :
GHL-SS-23

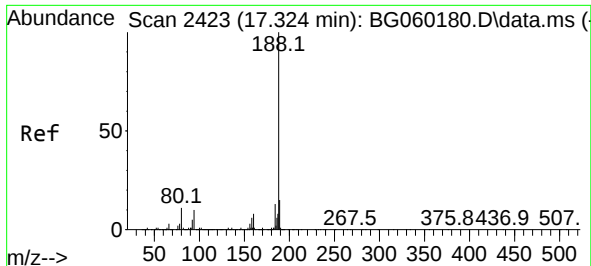
Tgt Ion:330 Resp: 912523
Ion Ratio Lower Upper
330 100
332 96.1 76.7 115.1
141 26.1 21.0 31.4



#45
2-Fluorobiphenyl
Concen: 56.453 ng
RT: 13.194 min Scan# 1720
Delta R.T. -0.006 min
Lab File: BG060233.D
Acq: 3 Jan 2024 18:59

Tgt Ion:172 Resp: 2872855
Ion Ratio Lower Upper
172 100
171 38.7 32.6 48.8
170 26.4 21.8 32.6

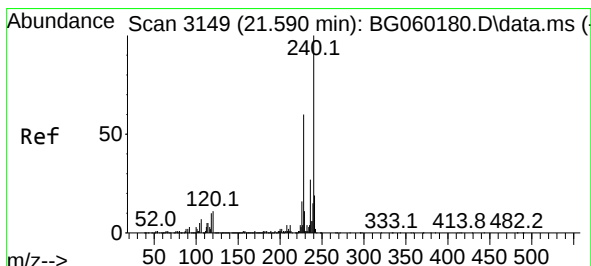
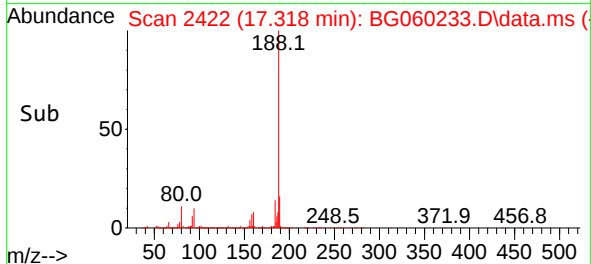
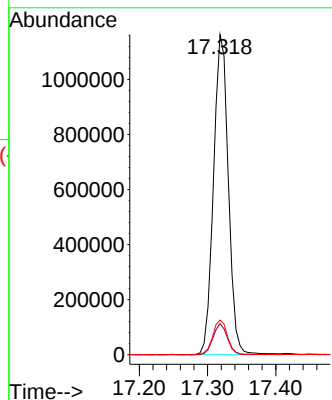
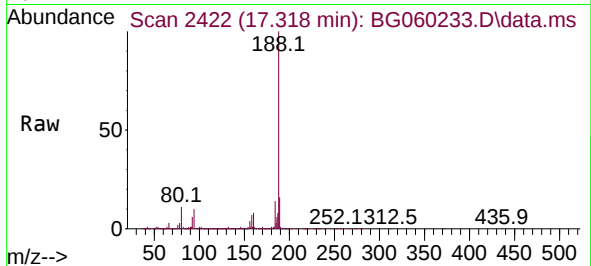




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.318 min Scan# 24
Delta R.T. -0.006 min
Lab File: BG060233.D
Acq: 3 Jan 2024 18:59

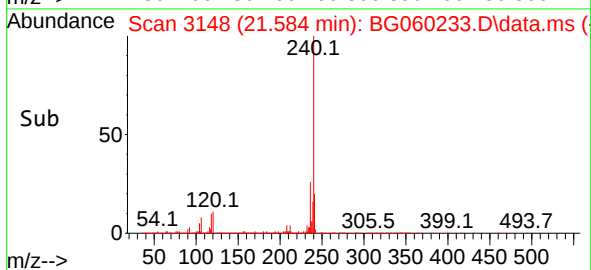
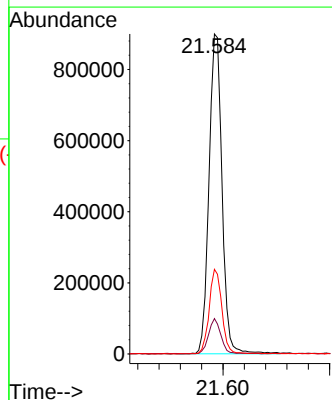
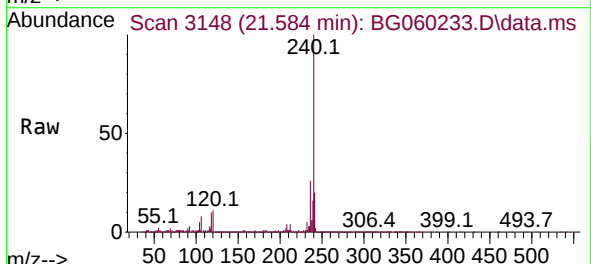
Instrument :
BNA_G
ClientSampleId :
GHL-SS-23

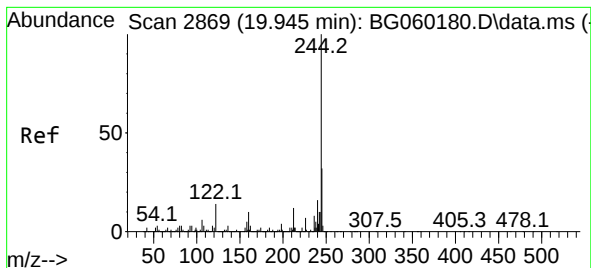
Tgt Ion:188 Resp: 1759781
Ion Ratio Lower Upper
188 100
94 9.7 7.8 11.6
80 10.8 8.6 13.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.584 min Scan# 3148
Delta R.T. -0.006 min
Lab File: BG060233.D
Acq: 3 Jan 2024 18:59

Tgt Ion:240 Resp: 1530022
Ion Ratio Lower Upper
240 100
120 11.1 8.5 12.7
236 26.4 21.4 32.2





#79

Terphenyl-d14

Concen: 51.787 ng

RT: 19.939 min Scan# 2

Delta R.T. -0.006 min

Lab File: BG060233.D

Acq: 3 Jan 2024 18:59

Instrument :

BNA_G

ClientSampleId :

GHL-SS-23

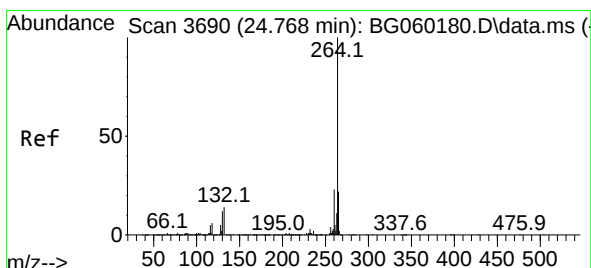
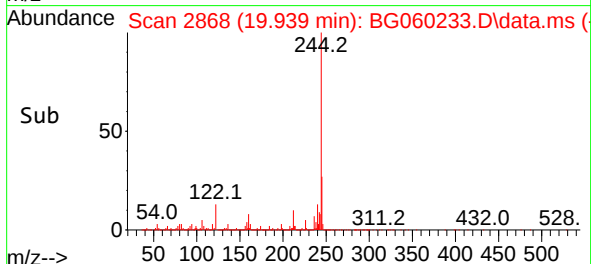
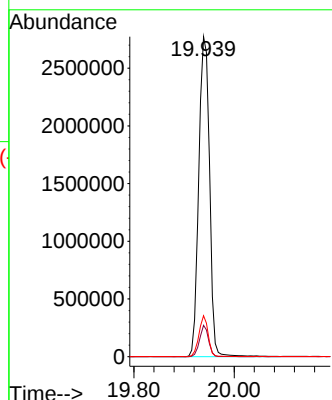
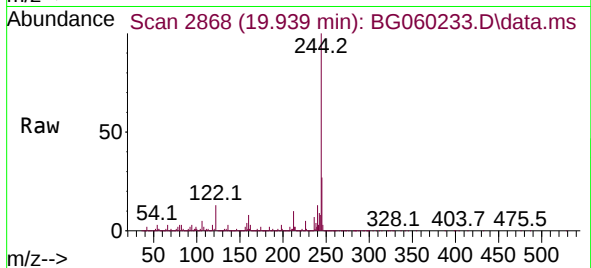
Tgt Ion:244 Resp: 4121450

Ion Ratio Lower Upper

244 100

212 9.8 9.5 14.3

122 12.8 11.4 17.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.762 min Scan# 3689

Delta R.T. -0.006 min

Lab File: BG060233.D

Acq: 3 Jan 2024 18:59

Tgt Ion:264 Resp: 1674430

Ion Ratio Lower Upper

264 100

260 23.4 18.0 27.0

265 21.4 17.4 26.0

