

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011723\
 Data File : BG056312.D
 Acq On : 17 Jan 2023 12:57
 Operator : CG/JU
 Sample : 01140-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MH-5

Quant Time: Jan 17 15:06:07 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 12 03:38:40 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.312	152	39925	20.000	ng	0.00
21) Naphthalene-d8	11.150	136	141262	20.000	ng	0.00
39) Acenaphthene-d10	14.928	164	106172	20.000	ng	0.00
64) Phenanthrene-d10	17.660	188	288664	20.000	ng	0.00
76) Chrysene-d12	21.955	240	323379	20.000	ng	# 0.00
86) Perylene-d12	25.404	264	353121	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.839	112	366104	163.726	ng	0.01
7) Phenol-d6	7.454	99	458281	133.455	ng	0.00
23) Nitrobenzene-d5	9.487	82	291276	105.472	ng	0.00
42) 2,4,6-Tribromophenol	16.403	330	238712	177.527	ng	0.00
45) 2-Fluorobiphenyl	13.553	172	856227	111.363	ng	0.00
79) Terphenyl-d14	20.239	244	1912842	105.944	ng	0.00

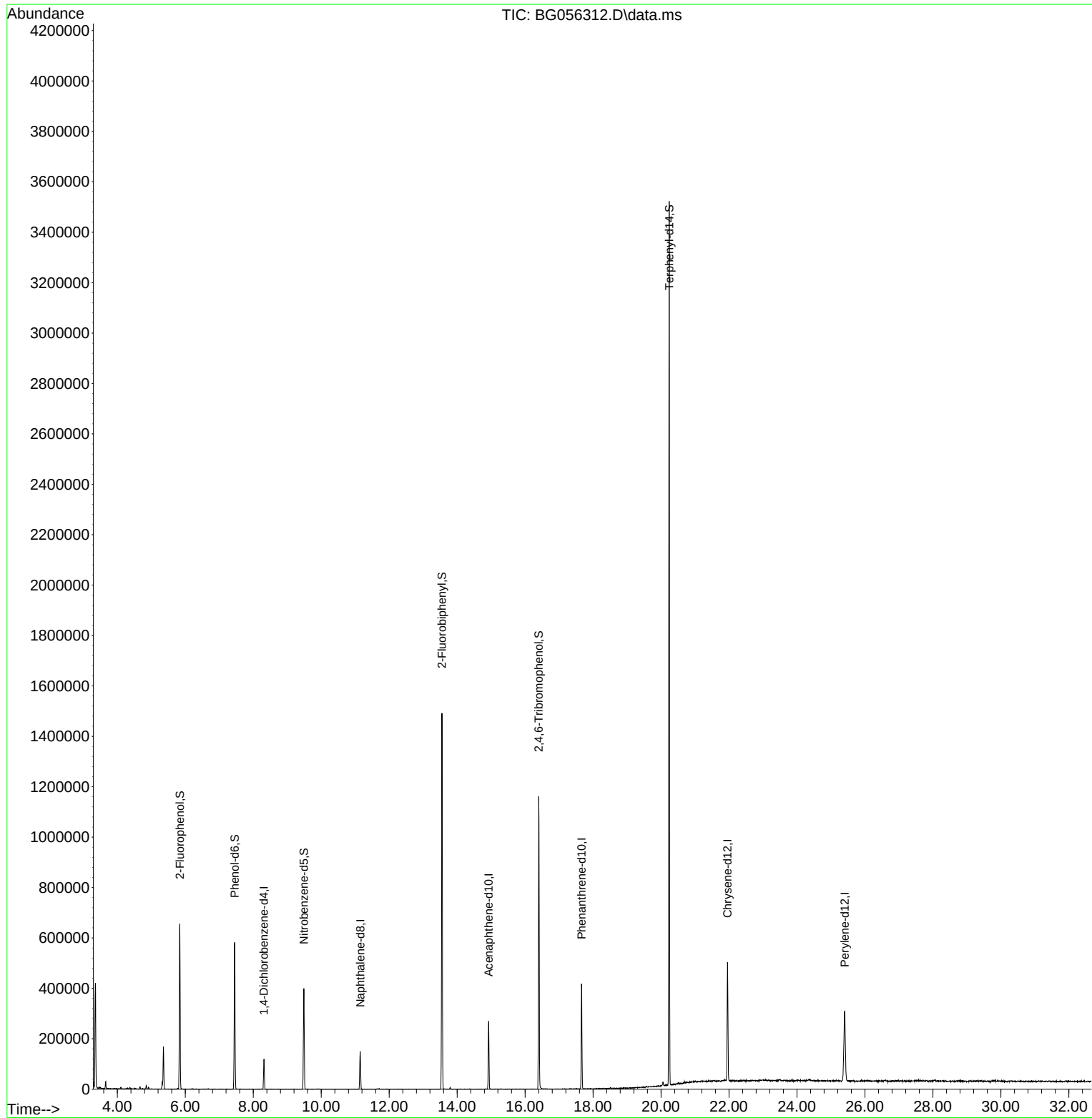
Target Compounds Qvalue

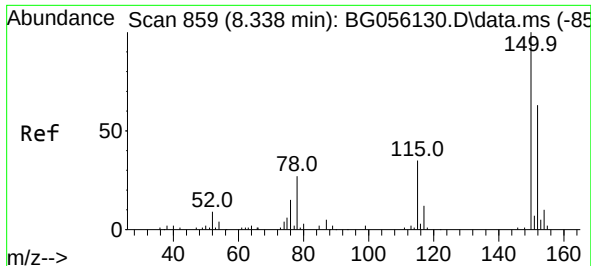
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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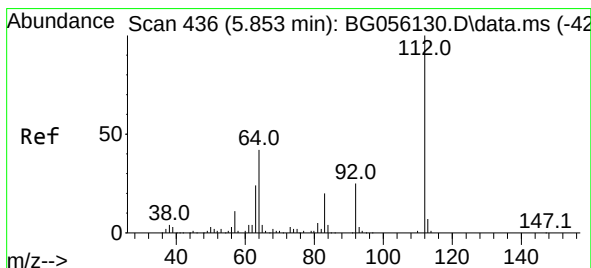
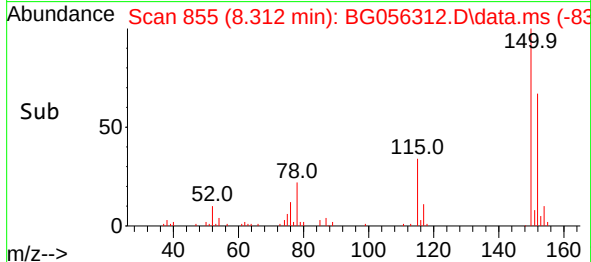
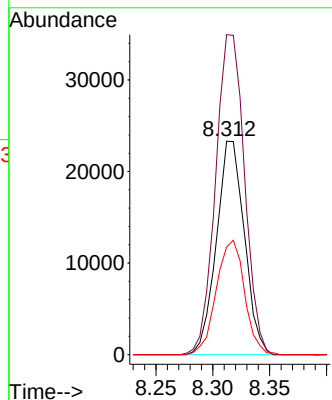
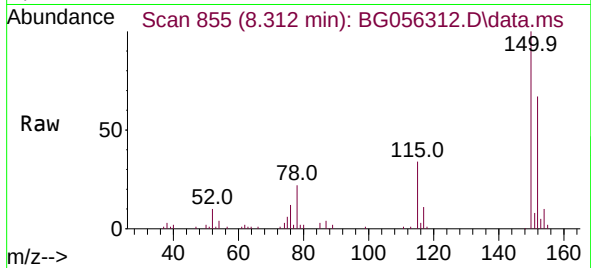




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.312 min Scan# 81
Delta R.T. -0.005 min
Lab File: BG056312.D
Acq: 17 Jan 2023 12:57

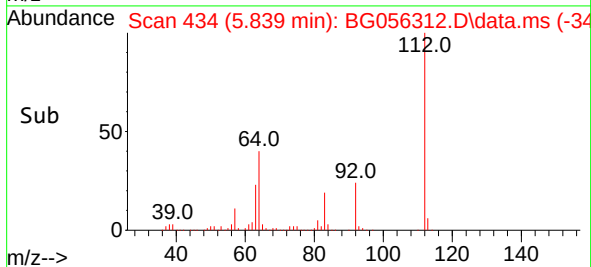
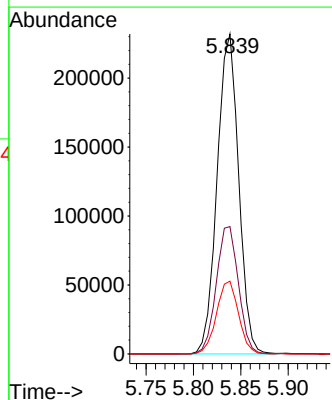
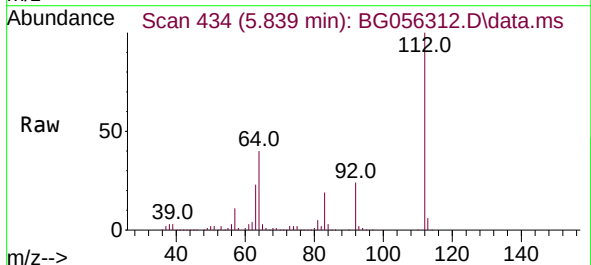
Instrument :
BNA_G
ClientSampleId :
MH-5

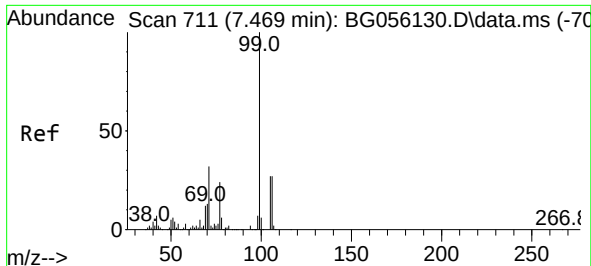
Tgt Ion:152 Resp: 39925
Ion Ratio Lower Upper
152 100
150 150.0 127.9 191.9
115 50.4 44.2 66.2



#5
2-Fluorophenol
Concen: 163.726 ng
RT: 5.839 min Scan# 434
Delta R.T. 0.013 min
Lab File: BG056312.D
Acq: 17 Jan 2023 12:57

Tgt Ion:112 Resp: 366104
Ion Ratio Lower Upper
112 100
64 39.8 33.3 49.9
63 22.7 19.0 28.4

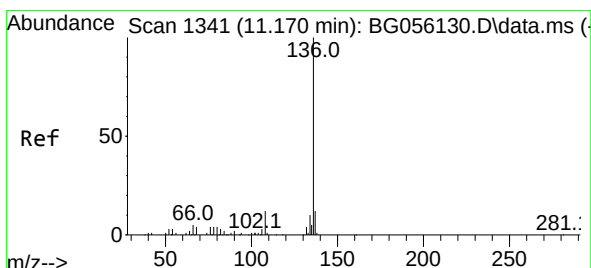
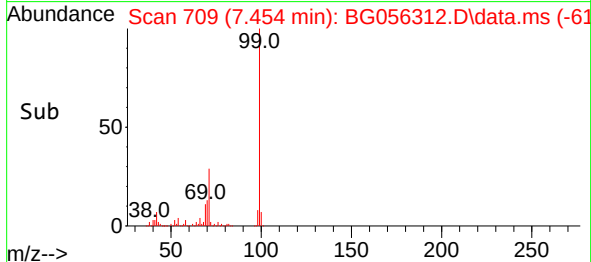
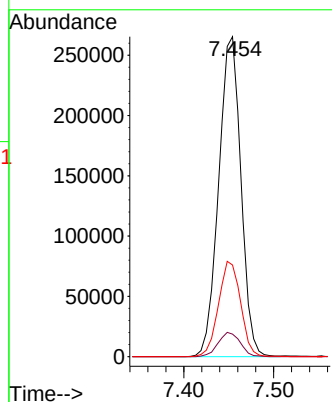
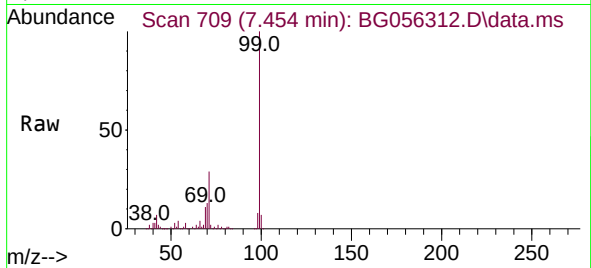




#7
Phenol-d6
Concen: 133.455 ng
RT: 7.454 min Scan# 70
Delta R.T. 0.007 min
Lab File: BG056312.D
Acq: 17 Jan 2023 12:57

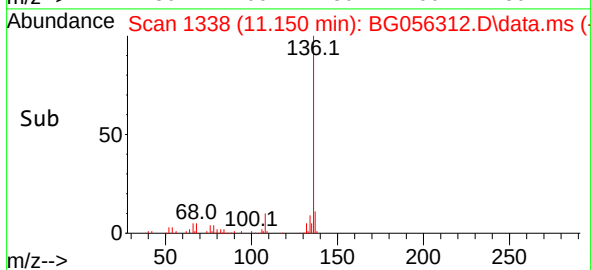
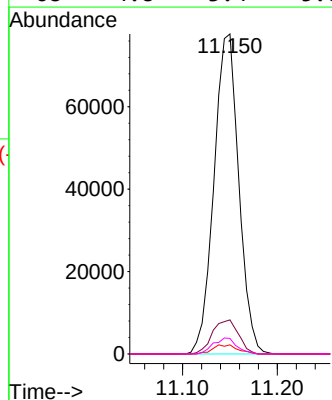
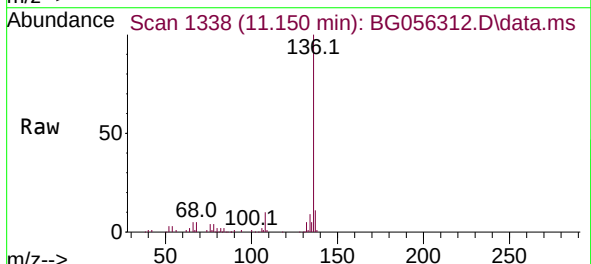
Instrument :
BNA_G
ClientSampleId :
MH-5

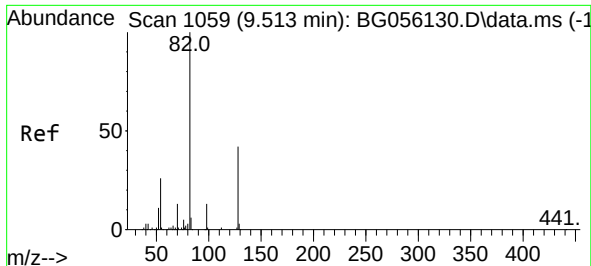
Tgt Ion: 99 Resp: 458281
Ion Ratio Lower Upper
99 100
42 7.0 5.9 8.9
71 28.6 25.4 38.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.150 min Scan# 1338
Delta R.T. 0.001 min
Lab File: BG056312.D
Acq: 17 Jan 2023 12:57

Tgt Ion:136 Resp: 141262
Ion Ratio Lower Upper
136 100
137 10.6 9.4 14.0
54 2.8 2.2 3.2
68 4.8 3.4 5.0





#23

Nitrobenzene-d5

Concen: 105.472 ng

RT: 9.487 min Scan# 1055

Delta R.T. -0.005 min

Lab File: BG056312.D

Acq: 17 Jan 2023 12:57

Instrument :

BNA_G

ClientSampleId :

MH-5

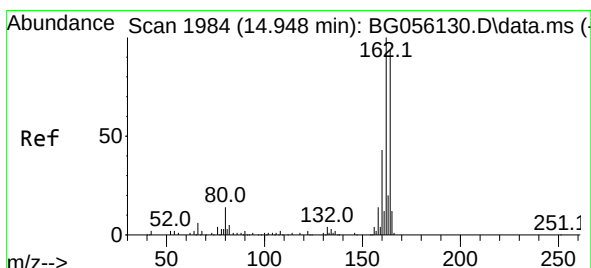
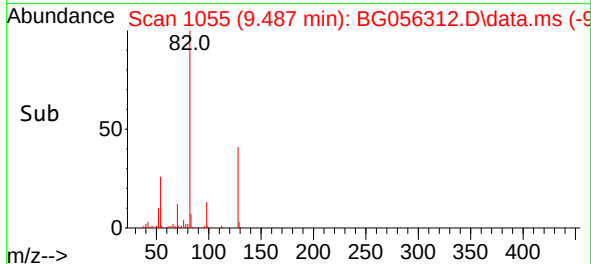
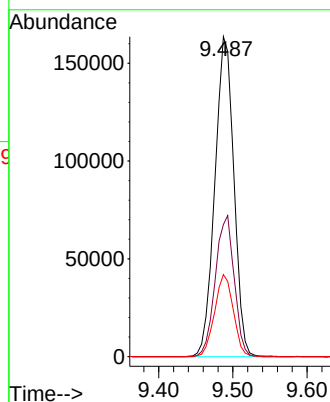
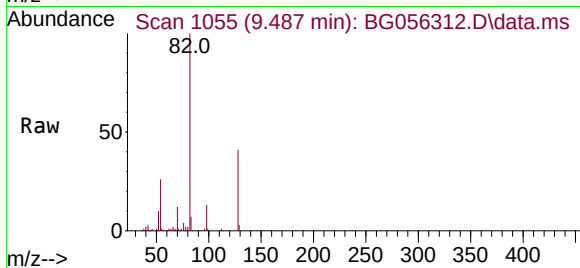
Tgt Ion: 82 Resp: 291276

Ion Ratio Lower Upper

82 100

128 41.3 33.4 50.2

54 25.6 20.3 30.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.928 min Scan# 1981

Delta R.T. 0.001 min

Lab File: BG056312.D

Acq: 17 Jan 2023 12:57

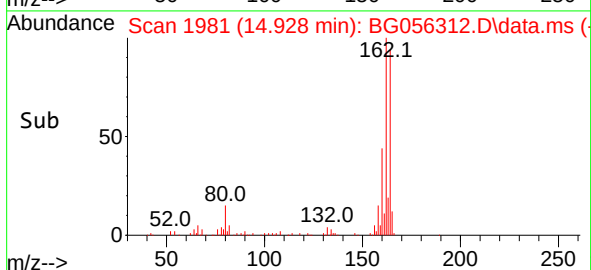
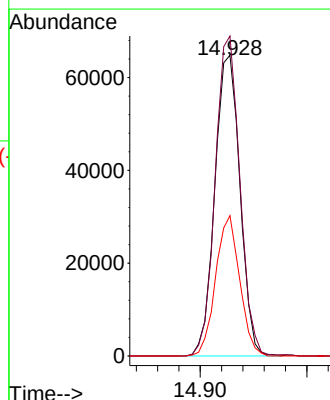
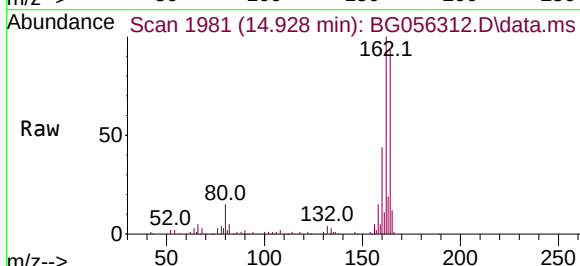
Tgt Ion:164 Resp: 106172

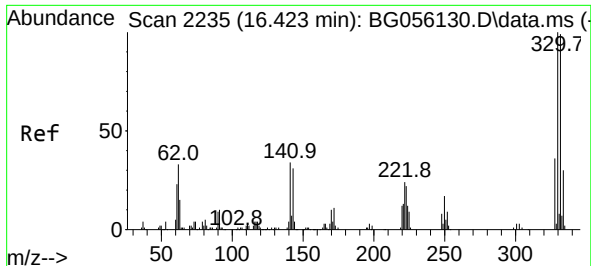
Ion Ratio Lower Upper

164 100

162 106.4 84.7 127.1

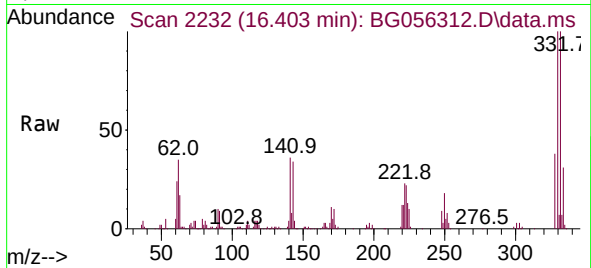
160 46.6 36.3 54.5



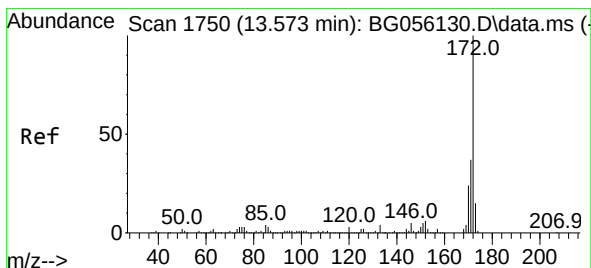
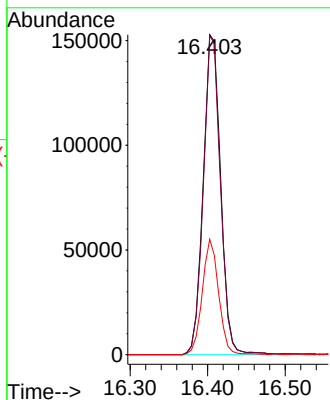
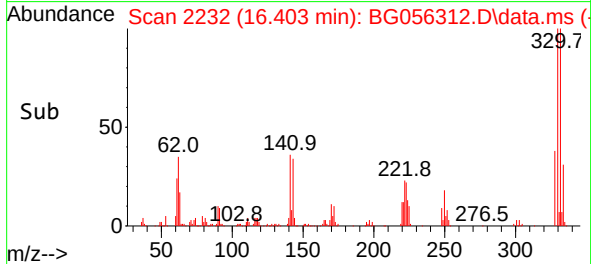


#42
2,4,6-Tribromophenol
Concen: 177.527 ng
RT: 16.403 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG056312.D
Acq: 17 Jan 2023 12:57

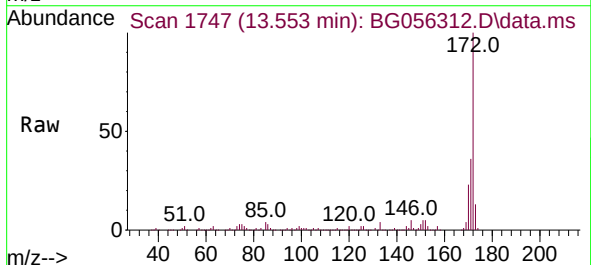
Instrument :
BNA_G
ClientSampleId :
MH-5



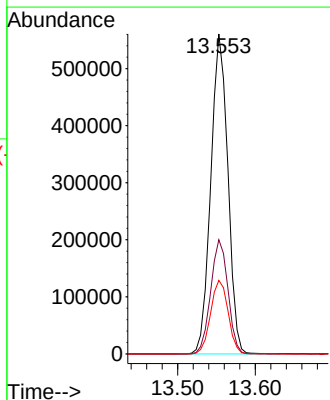
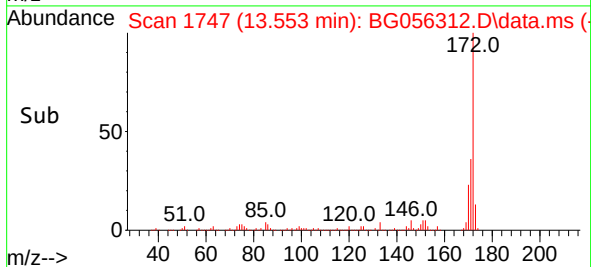
Tgt Ion:330 Resp: 238712
Ion Ratio Lower Upper
330 100
332 97.2 77.3 115.9
141 33.8 27.9 41.9

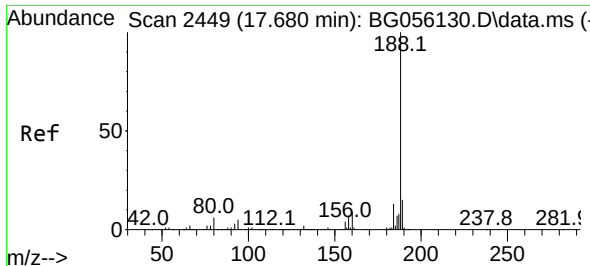


#45
2-Fluorobiphenyl
Concen: 111.363 ng
RT: 13.553 min Scan# 1747
Delta R.T. -0.005 min
Lab File: BG056312.D
Acq: 17 Jan 2023 12:57



Tgt Ion:172 Resp: 856227
Ion Ratio Lower Upper
172 100
171 35.7 29.6 44.4
170 23.0 19.4 29.2

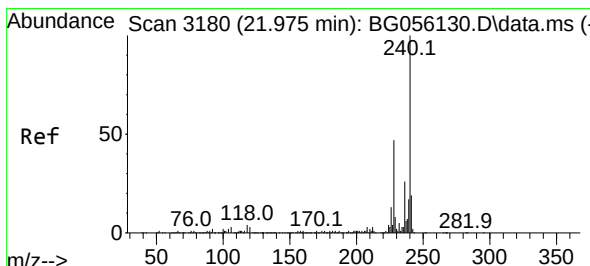
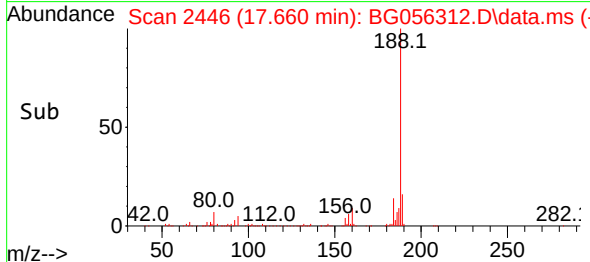
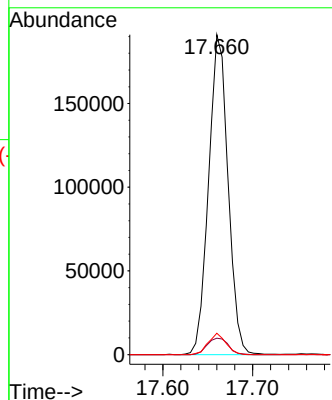
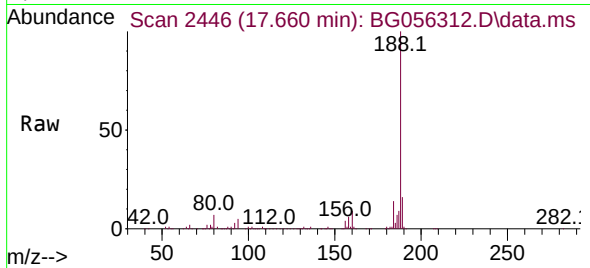




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.660 min Scan# 2449
Delta R.T. -0.005 min
Lab File: BG056312.D
Acq: 17 Jan 2023 12:57

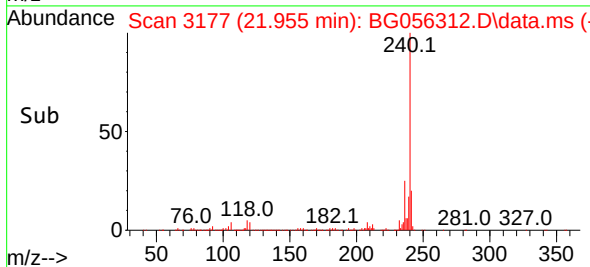
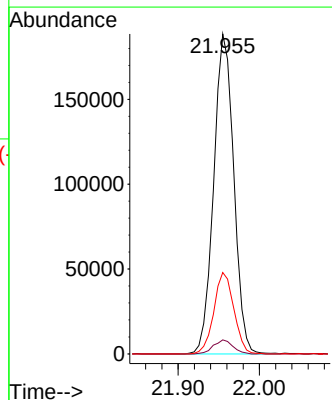
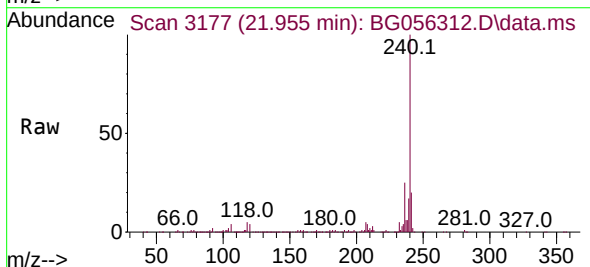
Instrument :
BNA_G
ClientSampleId :
MH-5

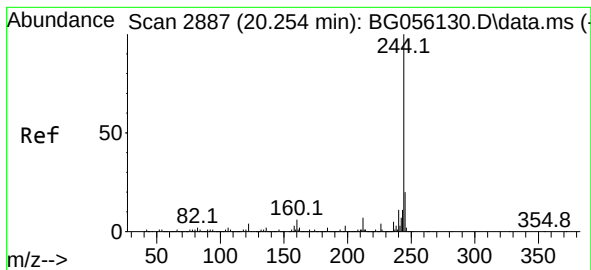
Tgt Ion:188 Resp: 288664
Ion Ratio Lower Upper
188 100
94 5.2 4.2 6.2
80 6.7 5.0 7.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.955 min Scan# 3177
Delta R.T. -0.005 min
Lab File: BG056312.D
Acq: 17 Jan 2023 12:57

Tgt Ion:240 Resp: 323379
Ion Ratio Lower Upper
240 100
120 4.4 2.6 4.0#
236 25.4 20.8 31.2





#79

Terphenyl-d14

Concen: 105.944 ng

RT: 20.239 min Scan# 2885

Delta R.T. 0.001 min

Lab File: BG056312.D

Acq: 17 Jan 2023 12:57

Instrument :

BNA_G

ClientSampleId :

MH-5

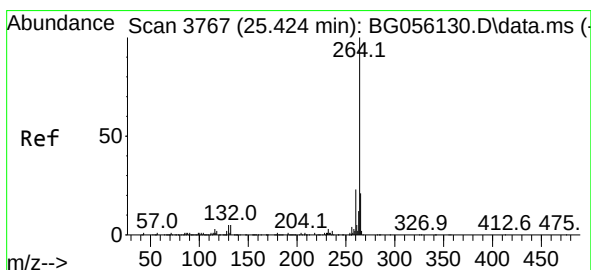
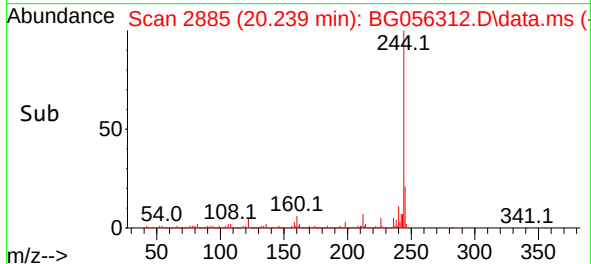
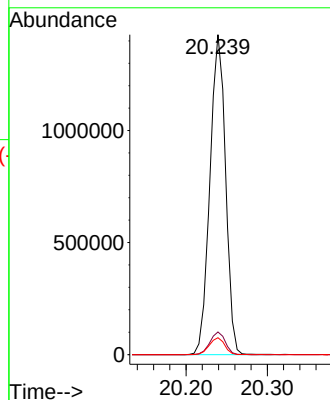
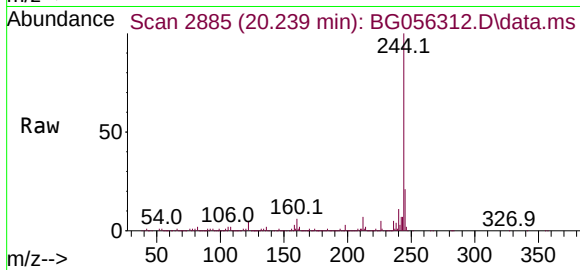
Tgt Ion:244 Resp: 1912842

Ion Ratio Lower Upper

244 100

212 7.1 5.7 8.5

122 5.3 3.5 5.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.404 min Scan# 3764

Delta R.T. 0.001 min

Lab File: BG056312.D

Acq: 17 Jan 2023 12:57

Tgt Ion:264 Resp: 353121

Ion Ratio Lower Upper

264 100

260 23.9 18.6 28.0

265 20.9 16.7 25.1

