

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011823\
 Data File : BG056337.D
 Acq On : 18 Jan 2023 20:51
 Operator : CG/JU
 Sample : 01159-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MH-6

Quant Time: Jan 19 00:34:24 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 19 00:31:30 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.305	152	37146	20.000	ng	0.00
21) Naphthalene-d8	11.137	136	137880	20.000	ng	0.00
39) Acenaphthene-d10	14.921	164	113922	20.000	ng	0.00
64) Phenanthrene-d10	17.653	188	316562	20.000	ng	0.00
76) Chrysene-d12	21.948	240	308228	20.000	ng	0.00
86) Perylene-d12	25.385	264	329732	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.826	112	202833	97.496	ng	0.00
7) Phenol-d6	7.441	99	288714	90.366	ng	0.00
23) Nitrobenzene-d5	9.480	82	154370	57.269	ng	0.00
42) 2,4,6-Tribromophenol	16.396	330	147513	102.241	ng	0.00
45) 2-Fluorobiphenyl	13.546	172	474954	57.571	ng	0.00
79) Terphenyl-d14	20.226	244	1047760	60.883	ng	0.00

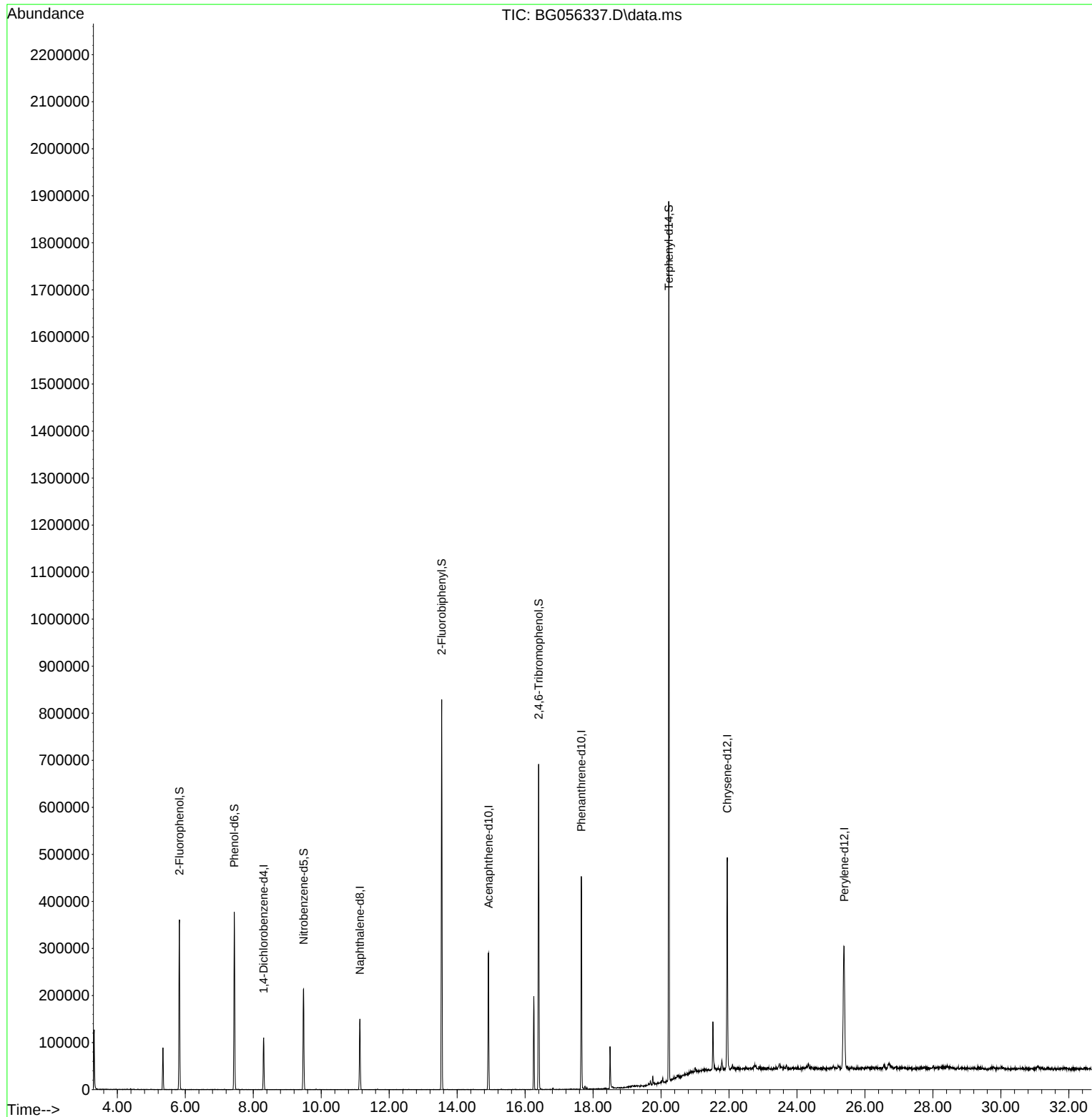
Target Compounds	Qvalue

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

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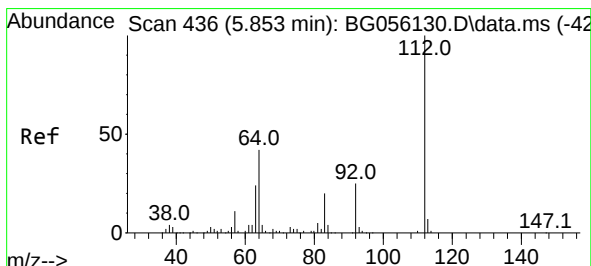
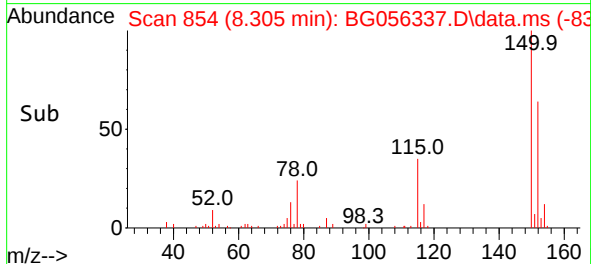
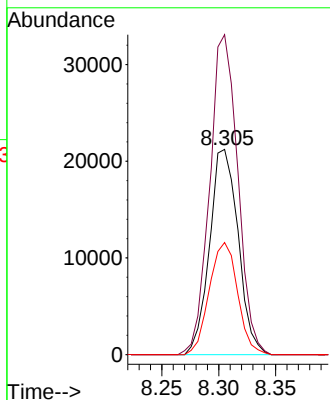
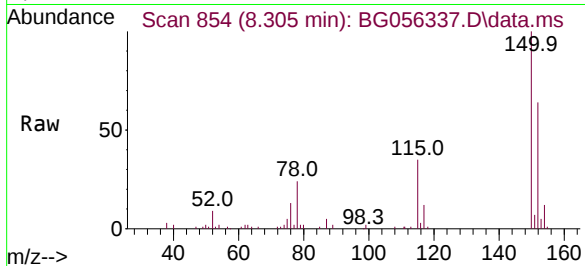




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.305 min Scan# 81
Delta R.T. -0.001 min
Lab File: BG056337.D
Acq: 18 Jan 2023 20:51

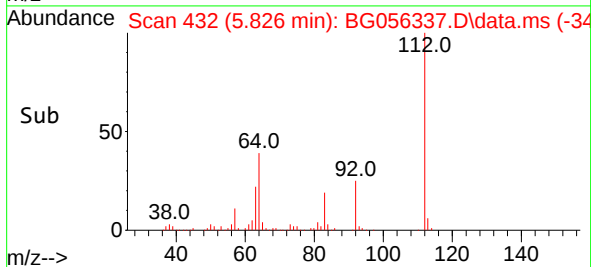
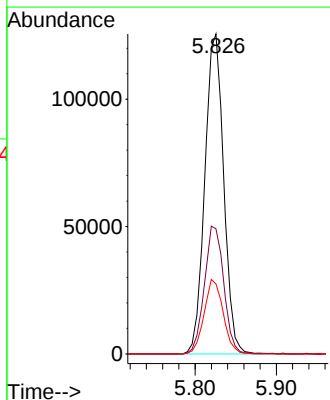
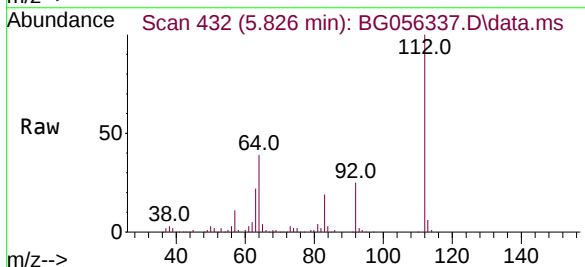
Instrument :
BNA_G
ClientSampleId :
MH-6

Tgt Ion:152 Resp: 37146
Ion Ratio Lower Upper
152 100
150 156.0 127.9 191.9
115 54.6 44.2 66.2



#5
2-Fluorophenol
Concen: 97.496 ng
RT: 5.826 min Scan# 432
Delta R.T. -0.001 min
Lab File: BG056337.D
Acq: 18 Jan 2023 20:51

Tgt Ion:112 Resp: 202833
Ion Ratio Lower Upper
112 100
64 39.1 33.3 49.9
63 21.9 19.0 28.4

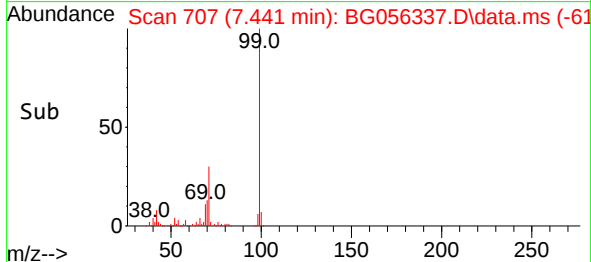
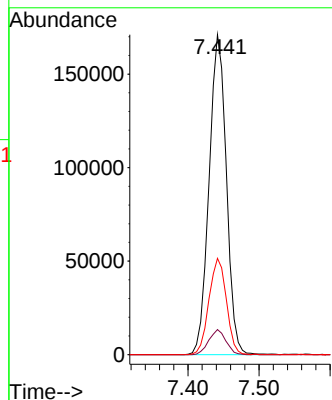
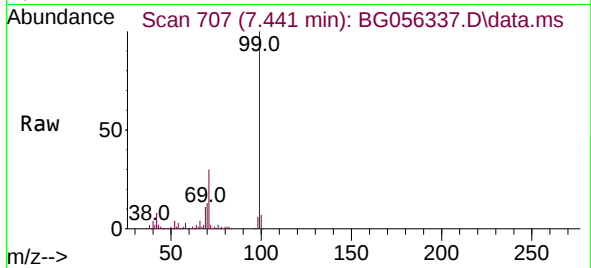




#7
Phenol-d6
Concen: 90.366 ng
RT: 7.441 min Scan# 70
Delta R.T. -0.007 min
Lab File: BG056337.D
Acq: 18 Jan 2023 20:51

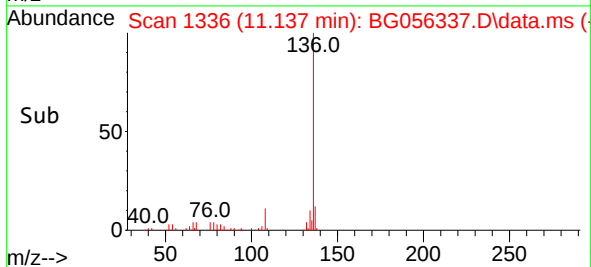
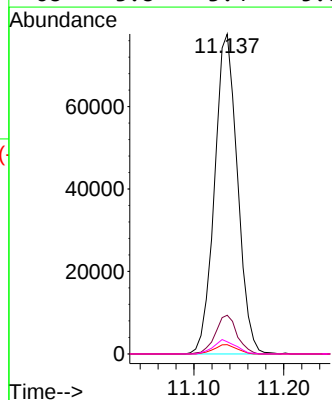
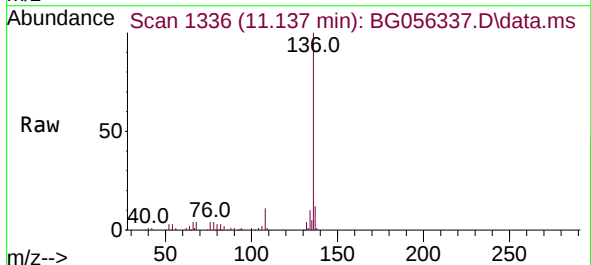
Instrument :
BNA_G
ClientSampleId :
MH-6

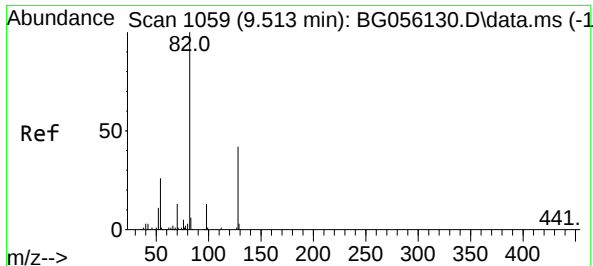
Tgt Ion: 99 Resp: 288714
Ion Ratio Lower Upper
99 100
42 7.8 5.9 8.9
71 30.1 25.4 38.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.137 min Scan# 1336
Delta R.T. -0.001 min
Lab File: BG056337.D
Acq: 18 Jan 2023 20:51

Tgt Ion: 136 Resp: 137880
Ion Ratio Lower Upper
136 100
137 12.1 9.4 14.0
54 2.9 2.2 3.2
68 3.8 3.4 5.0





#23

Nitrobenzene-d5

Concen: 57.269 ng

RT: 9.480 min Scan# 1054

Delta R.T. -0.007 min

Lab File: BG056337.D

Acq: 18 Jan 2023 20:51

Instrument :

BNA_G

ClientSampleId :

MH-6

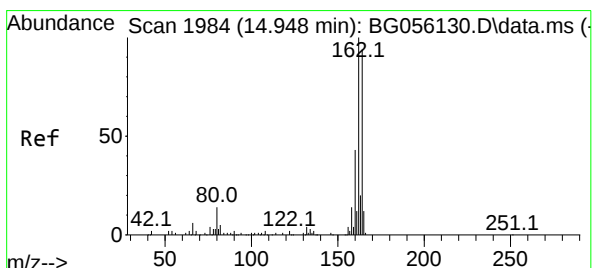
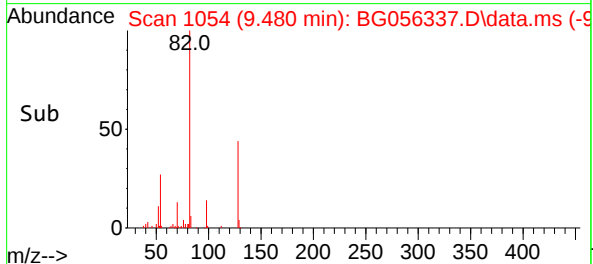
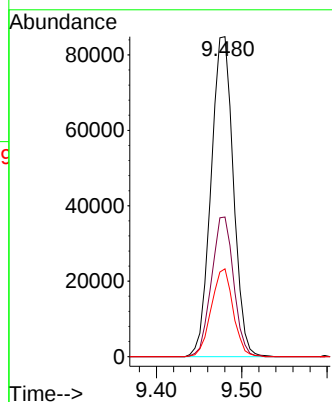
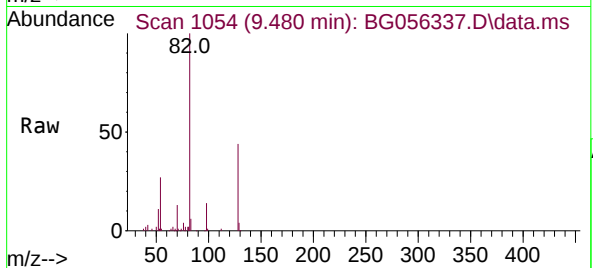
Tgt Ion: 82 Resp: 154370

Ion Ratio Lower Upper

82 100

128 43.6 33.4 50.2

54 27.4 20.3 30.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.921 min Scan# 1980

Delta R.T. -0.001 min

Lab File: BG056337.D

Acq: 18 Jan 2023 20:51

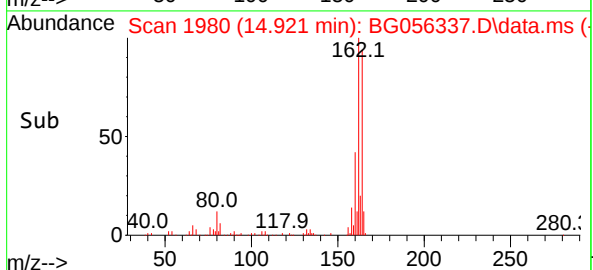
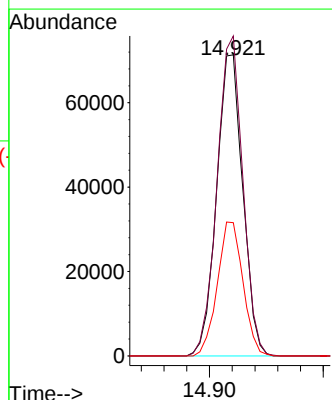
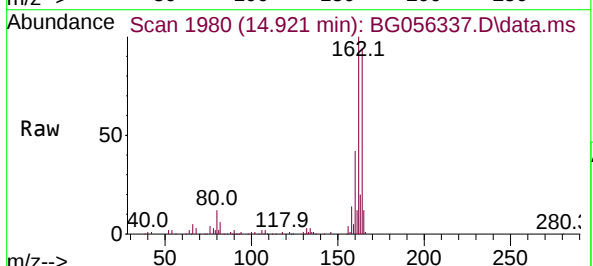
Tgt Ion:164 Resp: 113922

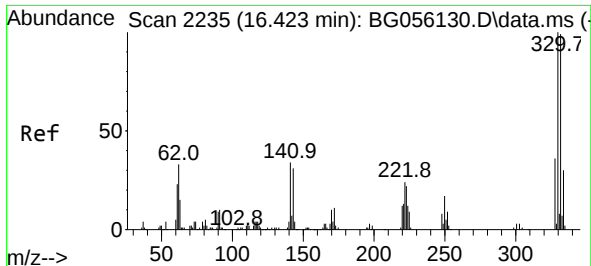
Ion Ratio Lower Upper

164 100

162 106.3 84.7 127.1

160 44.3 36.3 54.5

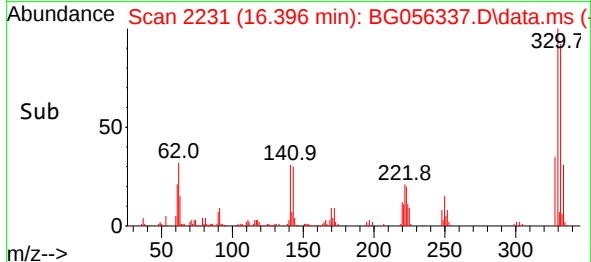
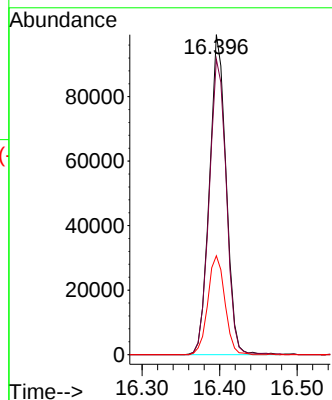
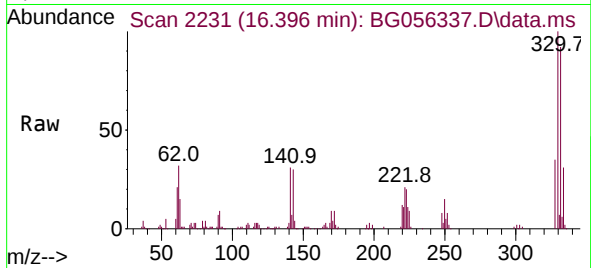




#42
2,4,6-Tribromophenol
Concen: 102.241 ng
RT: 16.396 min Scan# 21
Delta R.T. -0.007 min
Lab File: BG056337.D
Acq: 18 Jan 2023 20:51

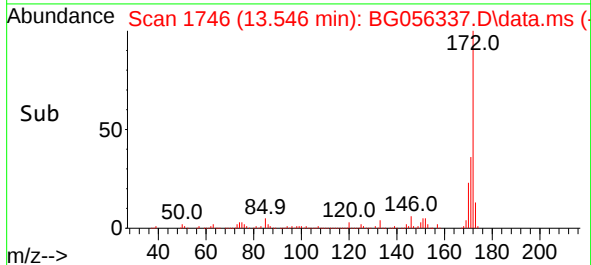
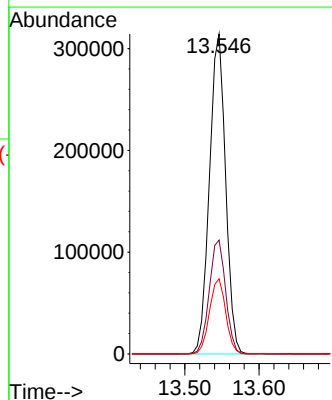
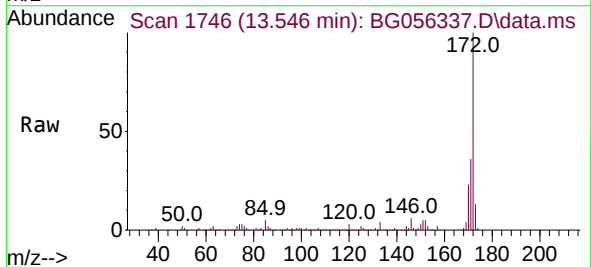
Instrument :
BNA_G
ClientSampleId :
MH-6

Tgt Ion:330 Resp: 147513
Ion Ratio Lower Upper
330 100
332 95.0 77.3 115.9
141 31.5 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 57.571 ng
RT: 13.546 min Scan# 1746
Delta R.T. -0.001 min
Lab File: BG056337.D
Acq: 18 Jan 2023 20:51

Tgt Ion:172 Resp: 474954
Ion Ratio Lower Upper
172 100
171 35.6 29.6 44.4
170 23.5 19.4 29.2

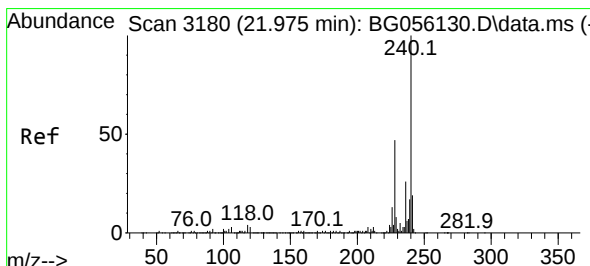
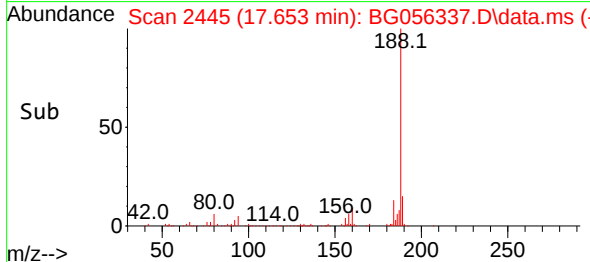
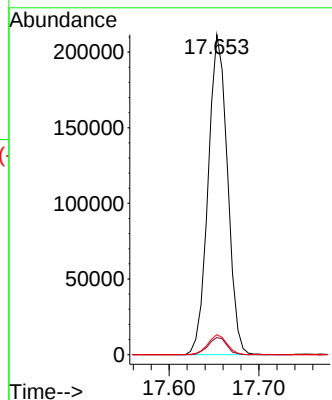
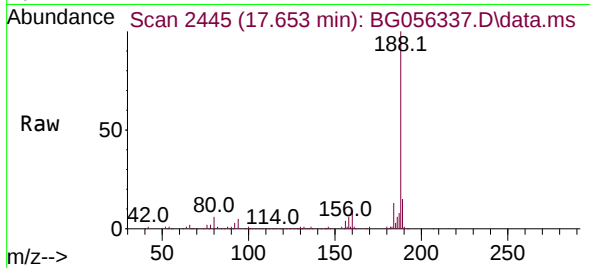




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.653 min Scan# 2445
Delta R.T. -0.007 min
Lab File: BG056337.D
Acq: 18 Jan 2023 20:51

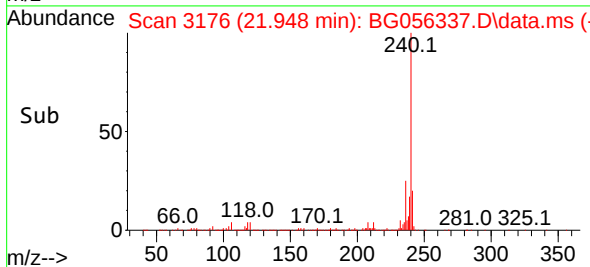
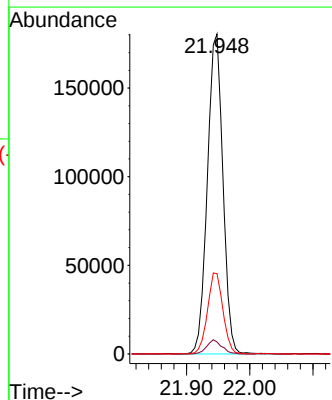
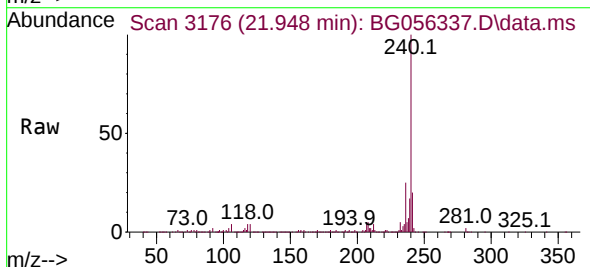
Instrument :
BNA_G
ClientSampleId :
MH-6

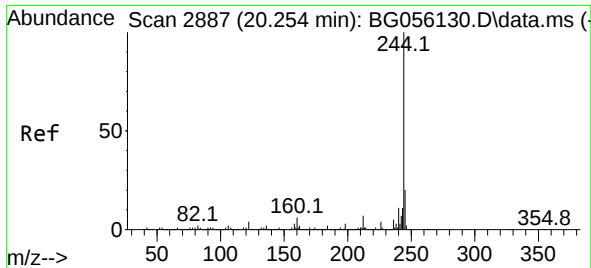
Tgt Ion:188 Resp: 316562
Ion Ratio Lower Upper
188 100
94 5.3 4.2 6.2
80 6.2 5.0 7.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.948 min Scan# 3176
Delta R.T. -0.007 min
Lab File: BG056337.D
Acq: 18 Jan 2023 20:51

Tgt Ion:240 Resp: 308228
Ion Ratio Lower Upper
240 100
120 3.8 2.6 4.0
236 25.1 20.8 31.2

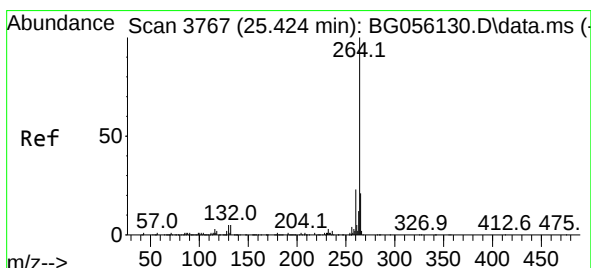
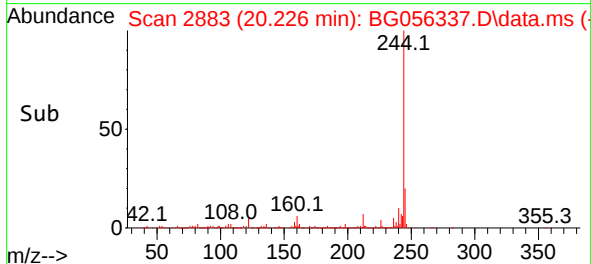
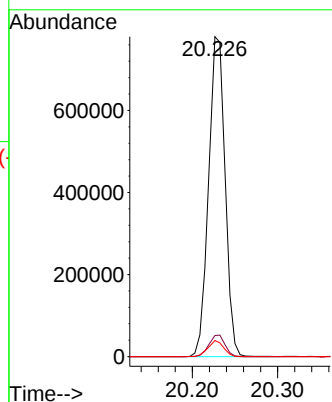
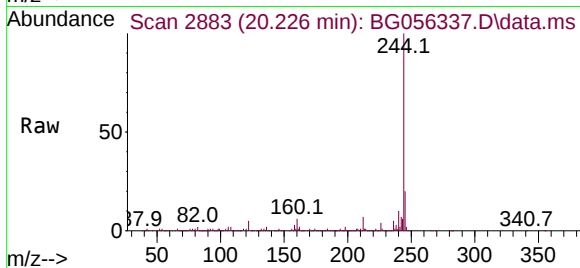




#79
 Terphenyl-d14
 Concen: 60.883 ng
 RT: 20.226 min Scan# 2883
 Delta R.T. -0.007 min
 Lab File: BG056337.D
 Acq: 18 Jan 2023 20:51

Instrument :
 BNA_G
 ClientSampleId :
 MH-6

Tgt Ion:244 Resp: 1047760
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.7 8.5
 122 5.0 3.5 5.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.385 min Scan# 3761
 Delta R.T. -0.007 min
 Lab File: BG056337.D
 Acq: 18 Jan 2023 20:51

Tgt Ion:264 Resp: 329732
 Ion Ratio Lower Upper
 264 100
 260 23.0 18.6 28.0
 265 20.9 16.7 25.1

