

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011823\
 Data File : BG056340.D
 Acq On : 18 Jan 2023 22:54
 Operator : CG/JU
 Sample : 01180-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MH-7

Quant Time: Jan 19 00:35:01 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	8.306	152	41892	20.000	ng	0.00
21) Naphthalene-d8	11.138	136	160452	20.000	ng	0.00
39) Acenaphthene-d10	14.915	164	128928	20.000	ng	0.00
64) Phenanthrene-d10	17.653	188	331609	20.000	ng	0.00
76) Chrysene-d12	21.942	240	305001	20.000	ng	-0.01
86) Perylene-d12	25.380	264	327030	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.826	112	257268	109.651	ng	0.00
7) Phenol-d6	7.442	99	364946	101.285	ng	0.00
23) Nitrobenzene-d5	9.481	82	194899	62.133	ng	0.00
42) 2,4,6-Tribromophenol	16.396	330	173131	106.030	ng	0.00
45) 2-Fluorobiphenyl	13.546	172	612282	65.579	ng	0.00
79) Terphenyl-d14	20.233	244	1121818	65.876	ng	0.00

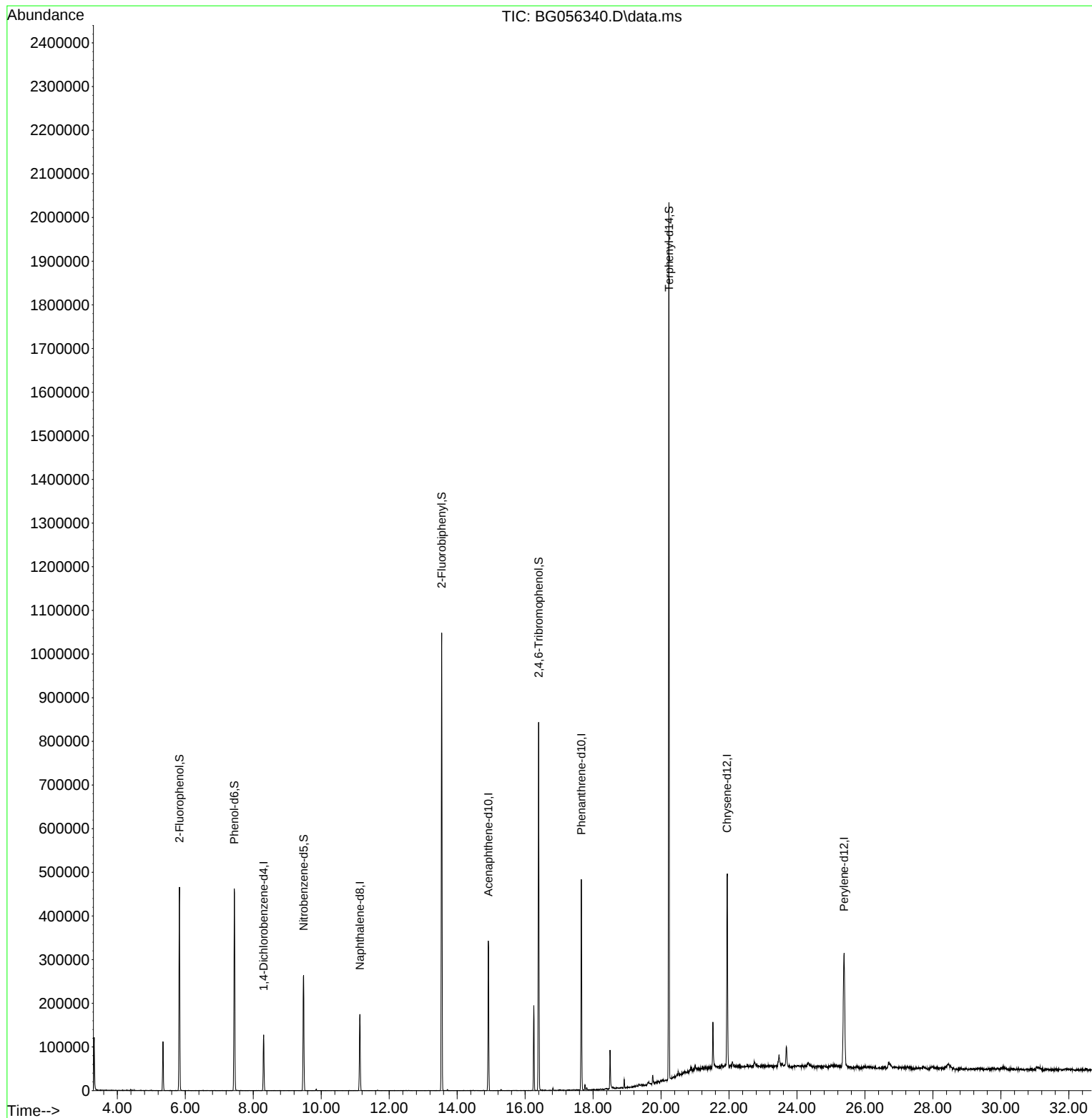
Target Compounds	Qvalue

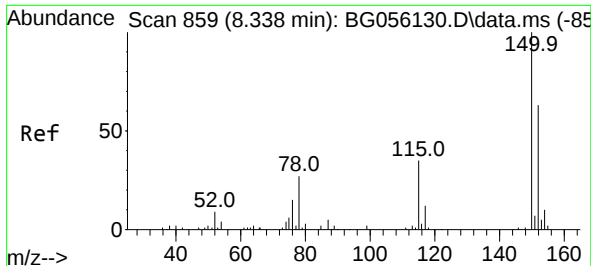
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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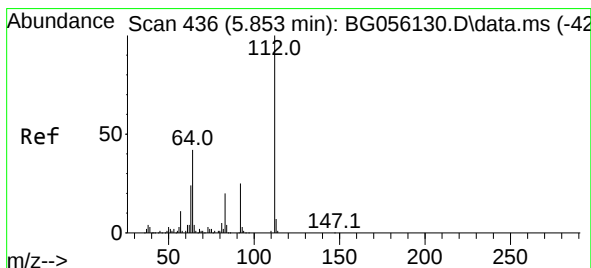
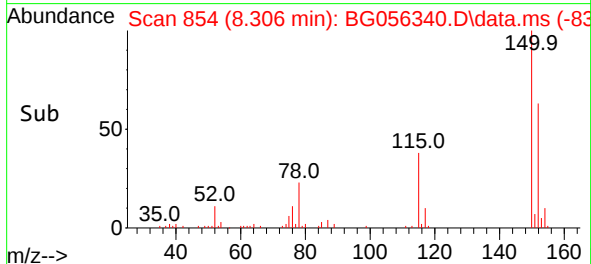
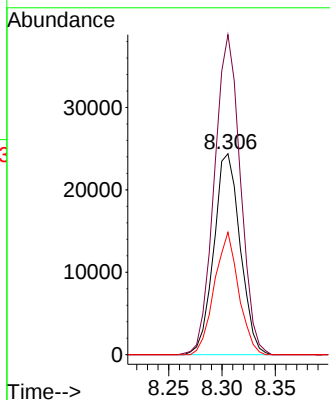
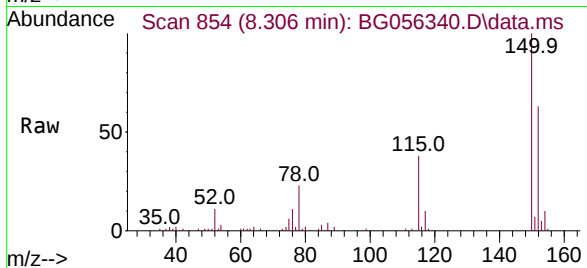




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.306 min Scan# 81
Delta R.T. -0.000 min
Lab File: BG056340.D
Acq: 18 Jan 2023 22:54

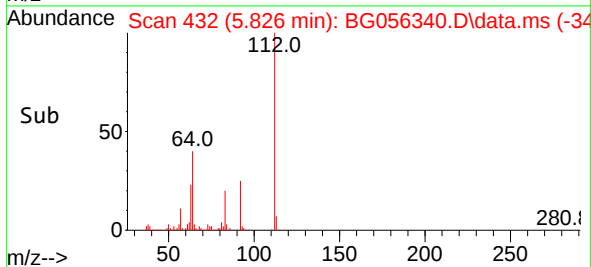
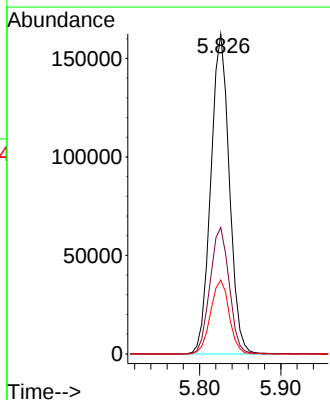
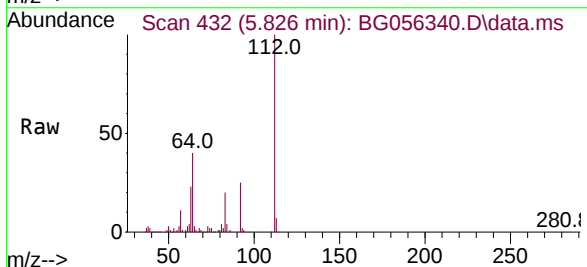
Instrument :
BNA_G
ClientSampleId :
MH-7

Tgt Ion:152 Resp: 41892
Ion Ratio Lower Upper
152 100
150 159.2 127.9 191.9
115 60.9 44.2 66.2



#5
2-Fluorophenol
Concen: 109.651 ng
RT: 5.826 min Scan# 432
Delta R.T. -0.000 min
Lab File: BG056340.D
Acq: 18 Jan 2023 22:54

Tgt Ion:112 Resp: 257268
Ion Ratio Lower Upper
112 100
64 39.5 33.3 49.9
63 23.1 19.0 28.4

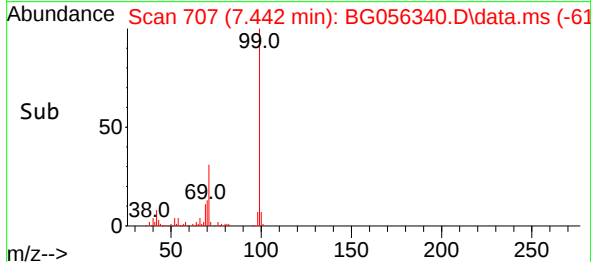
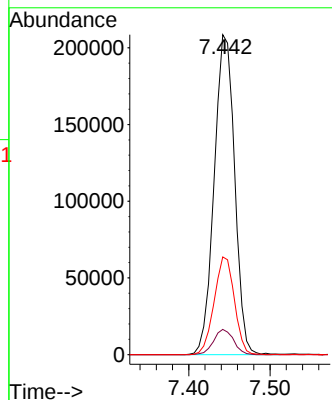
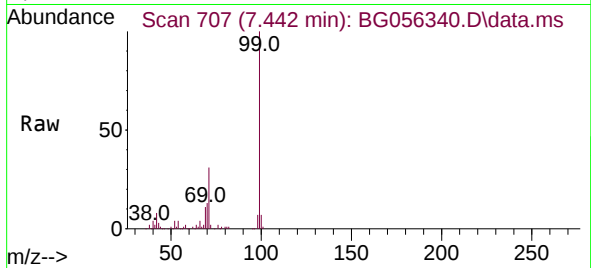




#7
Phenol-d6
Concen: 101.285 ng
RT: 7.442 min Scan# 70
Delta R.T. -0.006 min
Lab File: BG056340.D
Acq: 18 Jan 2023 22:54

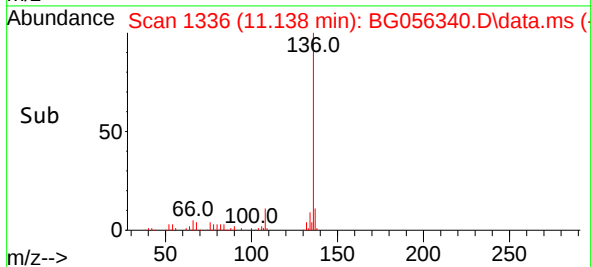
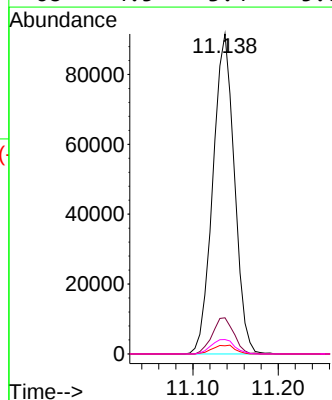
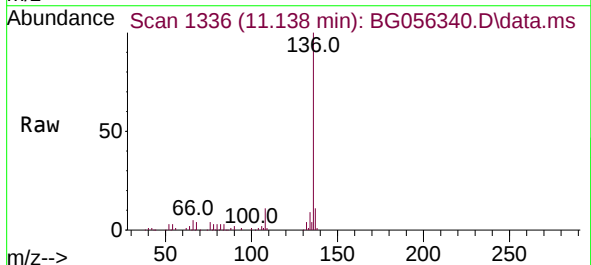
Instrument :
BNA_G
ClientSampleId :
MH-7

Tgt Ion: 99 Resp: 364946
Ion Ratio Lower Upper
99 100
42 7.9 5.9 8.9
71 30.5 25.4 38.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.138 min Scan# 1336
Delta R.T. -0.000 min
Lab File: BG056340.D
Acq: 18 Jan 2023 22:54

Tgt Ion: 136 Resp: 160452
Ion Ratio Lower Upper
136 100
137 11.3 9.4 14.0
54 2.5 2.2 3.2
68 4.5 3.4 5.0





#23

Nitrobenzene-d5

Concen: 62.133 ng

RT: 9.481 min Scan# 1054

Delta R.T. -0.006 min

Lab File: BG056340.D

Acq: 18 Jan 2023 22:54

Instrument :

BNA_G

ClientSampleId :

MH-7

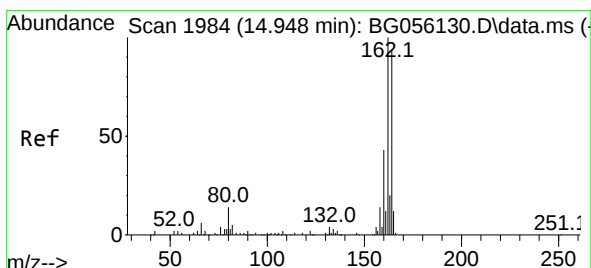
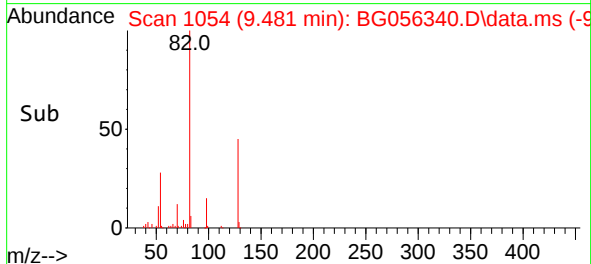
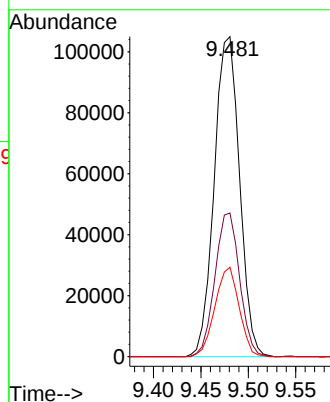
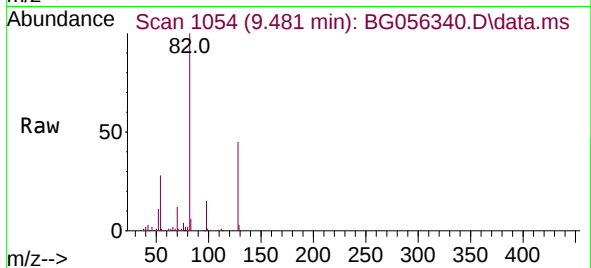
Tgt Ion: 82 Resp: 194899

Ion Ratio Lower Upper

82 100

128 44.9 33.4 50.2

54 27.9 20.3 30.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.915 min Scan# 1979

Delta R.T. -0.006 min

Lab File: BG056340.D

Acq: 18 Jan 2023 22:54

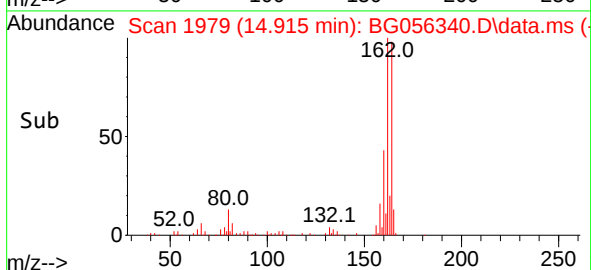
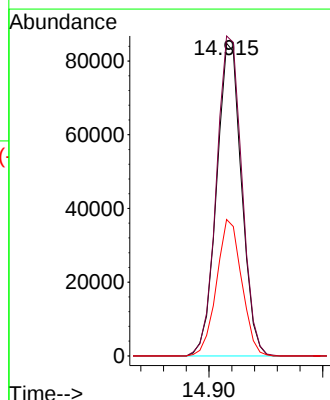
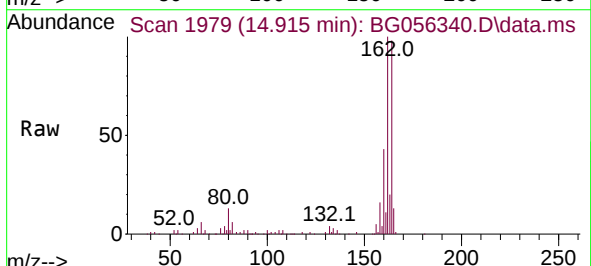
Tgt Ion:164 Resp: 128928

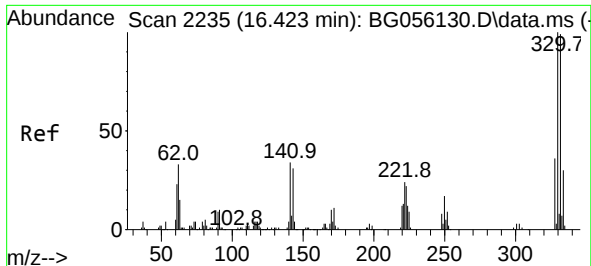
Ion Ratio Lower Upper

164 100

162 102.4 84.7 127.1

160 43.6 36.3 54.5

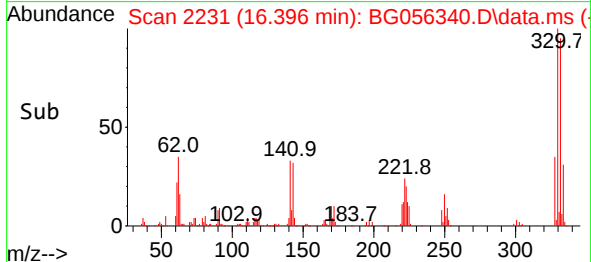
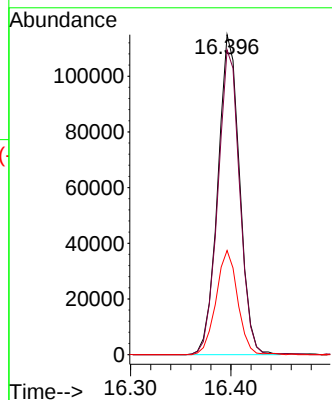
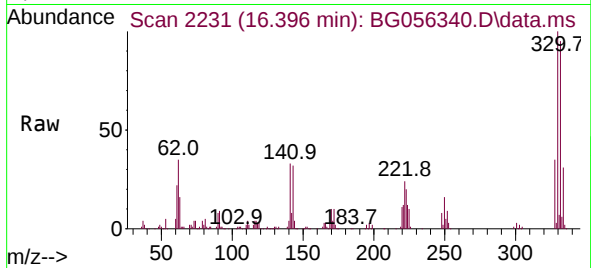




#42
 2,4,6-Tribromophenol
 Concen: 106.030 ng
 RT: 16.396 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BG056340.D
 Acq: 18 Jan 2023 22:54

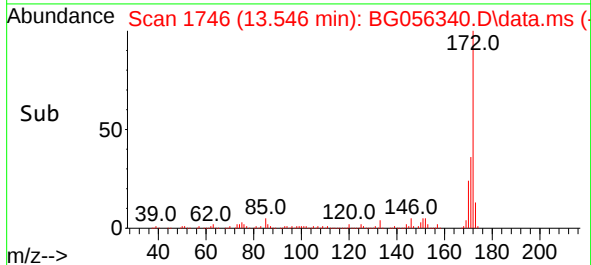
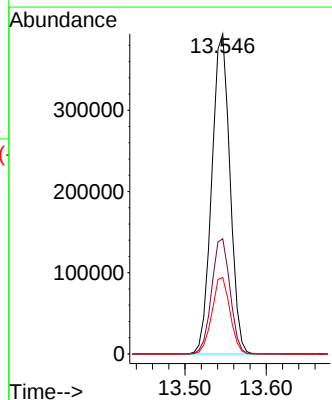
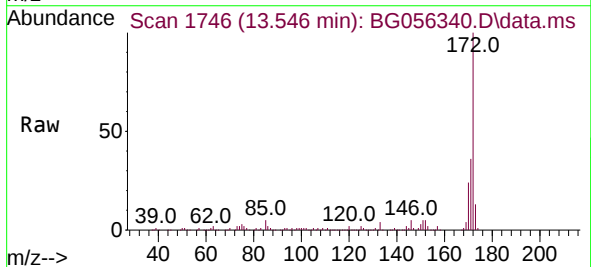
Instrument :
 BNA_G
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 MH-7

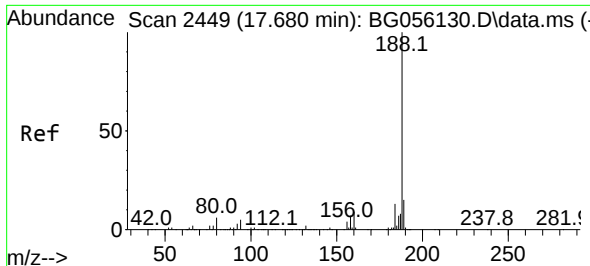
Tgt Ion:330 Resp: 173131
 Ion Ratio Lower Upper
 330 100
 332 95.4 77.3 115.9
 141 32.3 27.9 41.9



#45
 2-Fluorobiphenyl
 Concen: 65.579 ng
 RT: 13.546 min Scan# 1746
 Delta R.T. -0.000 min
 Lab File: BG056340.D
 Acq: 18 Jan 2023 22:54

Tgt Ion:172 Resp: 612282
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.6 44.4
 170 23.9 19.4 29.2

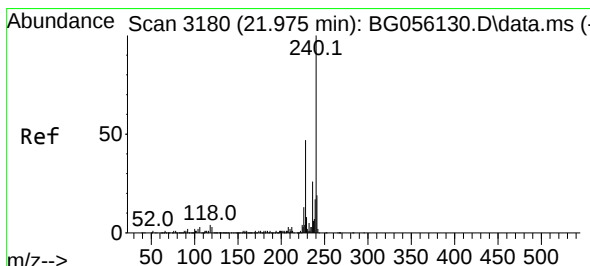
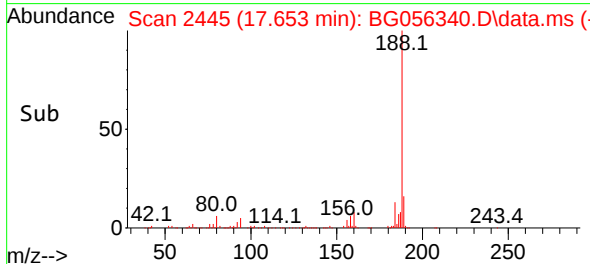
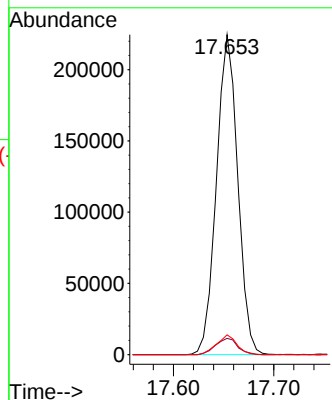
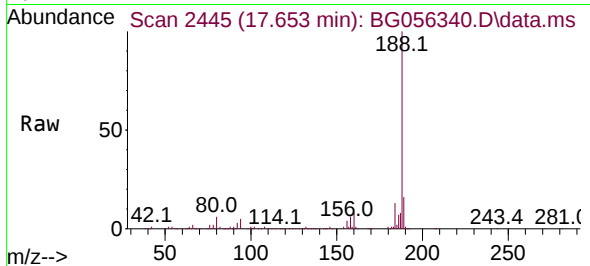




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.653 min Scan# 2445
Delta R.T. -0.006 min
Lab File: BG056340.D
Acq: 18 Jan 2023 22:54

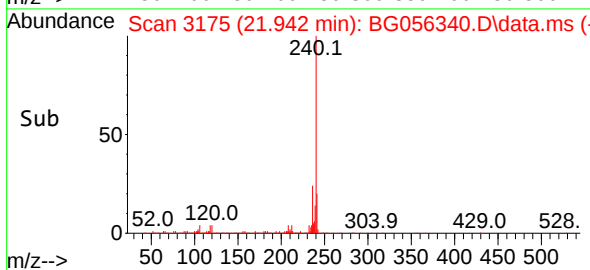
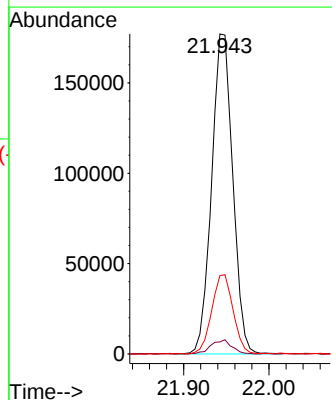
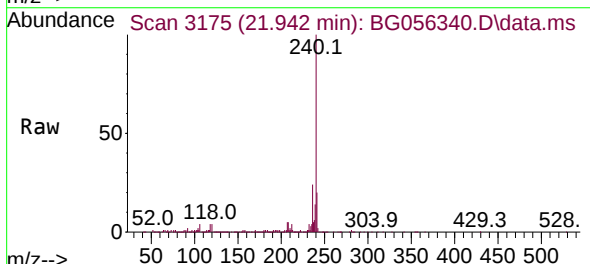
Instrument :
BNA_G
ClientSampleId :
MH-7

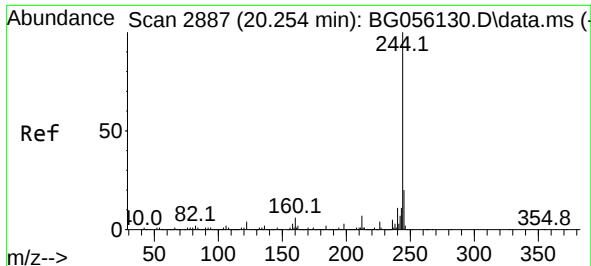
Tgt Ion:188 Resp: 331609
Ion Ratio Lower Upper
188 100
94 5.1 4.2 6.2
80 6.2 5.0 7.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.942 min Scan# 3175
Delta R.T. -0.012 min
Lab File: BG056340.D
Acq: 18 Jan 2023 22:54

Tgt Ion:240 Resp: 305001
Ion Ratio Lower Upper
240 100
120 3.7 2.6 4.0
236 24.4 20.8 31.2

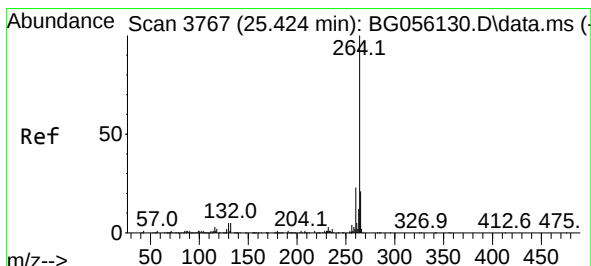
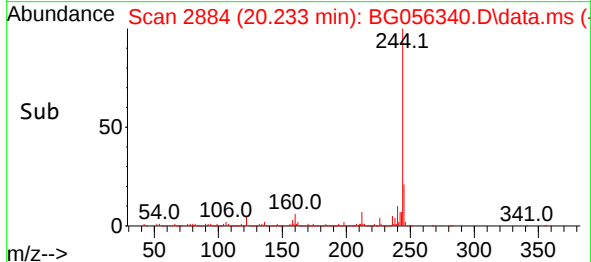
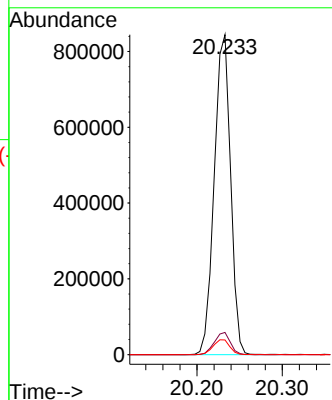
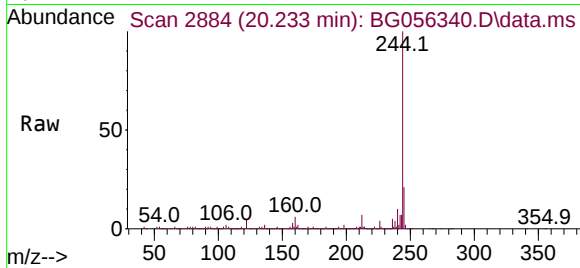




#79
 Terphenyl-d14
 Concen: 65.876 ng
 RT: 20.233 min Scan# 2884
 Delta R.T. -0.000 min
 Lab File: BG056340.D
 Acq: 18 Jan 2023 22:54

Instrument :
 BNA_G
 ClientSampleId :
 MH-7

Tgt Ion:244 Resp: 1121818
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.7 8.5
 122 4.6 3.5 5.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.380 min Scan# 3760
 Delta R.T. -0.012 min
 Lab File: BG056340.D
 Acq: 18 Jan 2023 22:54

Tgt Ion:264 Resp: 327030
 Ion Ratio Lower Upper
 264 100
 260 23.9 18.6 28.0
 265 21.5 16.7 25.1

