

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041123\
 Data File : BG057057.D
 Acq On : 11 Apr 2023 17:39
 Operator : CG/JU
 Sample : 02271-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-4-040723

Quant Time: Apr 12 04:42:10 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Apr 08 04:45:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.409	152	15142	20.000	ng	0.00
21) Naphthalene-d8	11.246	136	60264	20.000	ng	0.00
39) Acenaphthene-d10	15.017	164	41661	20.000	ng	0.00
64) Phenanthrene-d10	17.755	188	101674	20.000	ng	0.00
76) Chrysene-d12	22.073	240	97311	20.000	ng	#-0.01
86) Perylene-d12	25.615	264	103882	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.918	112	66211	69.982	ng	0.00
7) Phenol-d6	7.539	99	56870	40.190	ng	0.00
23) Nitrobenzene-d5	9.584	82	134615	91.400	ng	0.00
42) 2,4,6-Tribromophenol	16.498	330	98654	148.230	ng	0.00
45) 2-Fluorobiphenyl	13.643	172	294629	95.898	ng	0.00
79) Terphenyl-d14	20.328	244	554781	96.472	ng	0.00

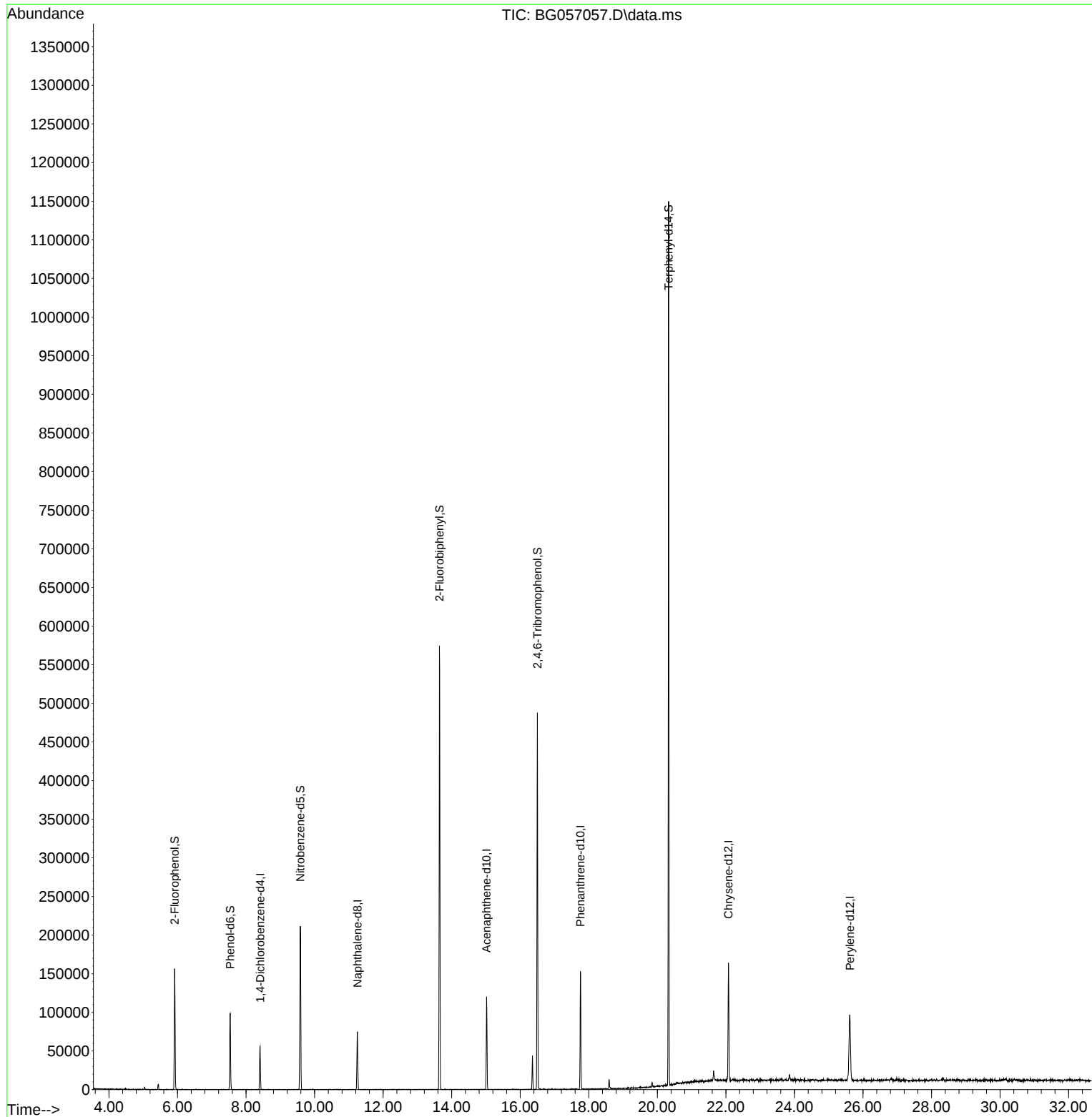
Target Compounds	Qvalue

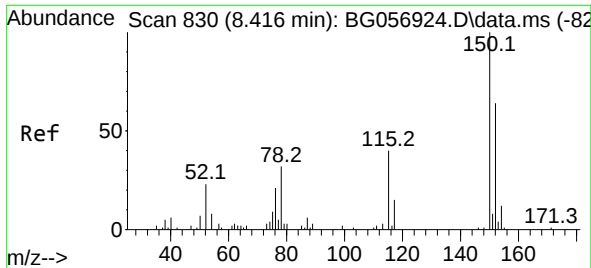
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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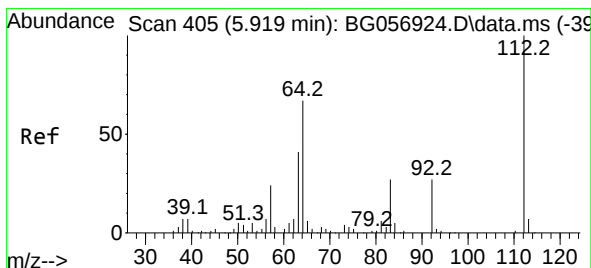
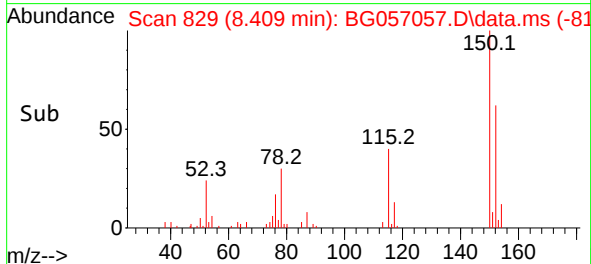
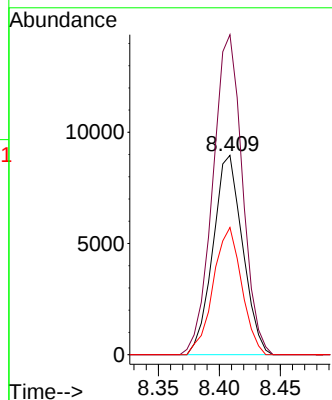
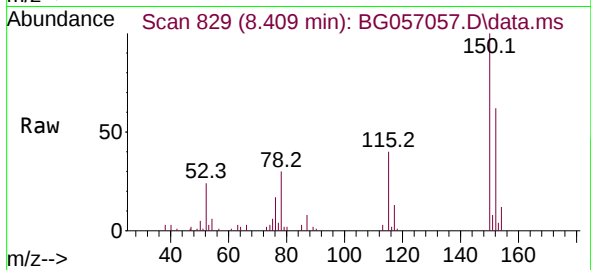




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.409 min Scan# 81
Delta R.T. 0.001 min
Lab File: BG057057.D
Acq: 11 Apr 2023 17:39

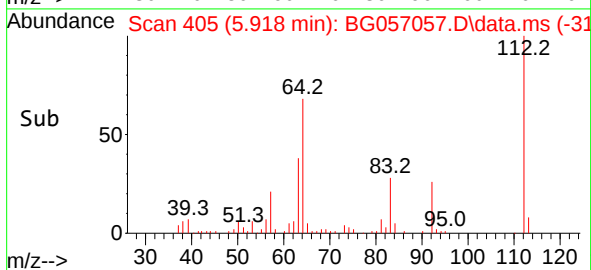
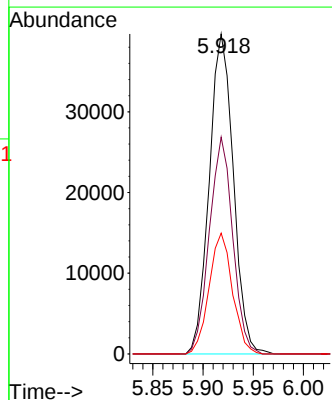
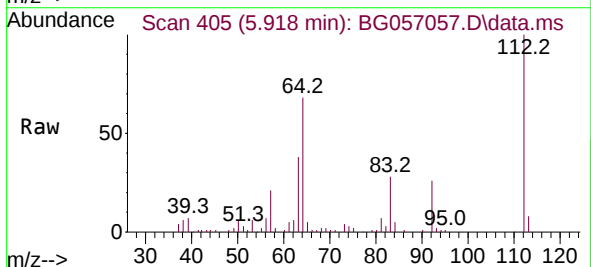
Instrument :
BNA_G
ClientSampleId :
MW-4-040723

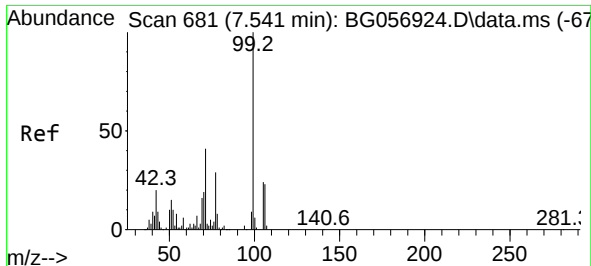
Tgt Ion:152 Resp: 15142
Ion Ratio Lower Upper
152 100
150 160.5 124.1 186.1
115 63.8 49.1 73.7



#5
2-Fluorophenol
Concen: 69.982 ng
RT: 5.918 min Scan# 405
Delta R.T. 0.001 min
Lab File: BG057057.D
Acq: 11 Apr 2023 17:39

Tgt Ion:112 Resp: 66211
Ion Ratio Lower Upper
112 100
64 67.7 53.2 79.8
63 37.7 32.6 48.8

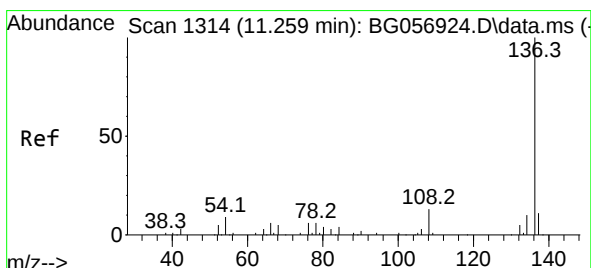
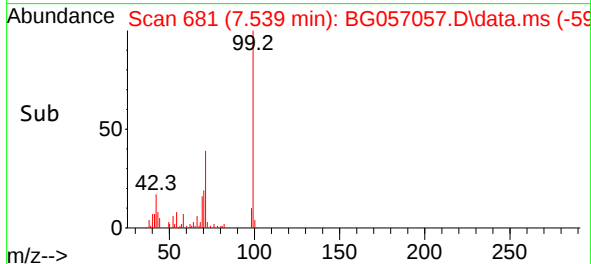
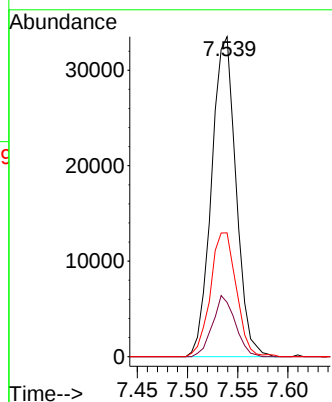
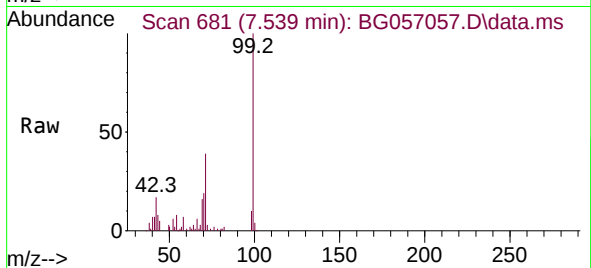




#7
Phenol-d6
Concen: 40.190 ng
RT: 7.539 min Scan# 681
Delta R.T. 0.001 min
Lab File: BG057057.D
Acq: 11 Apr 2023 17:39

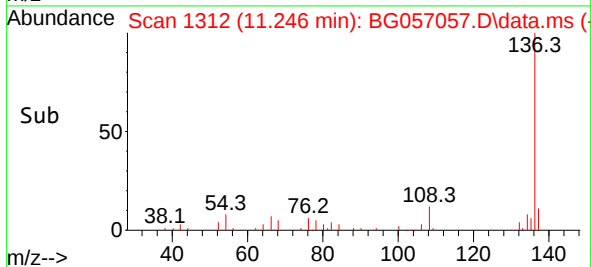
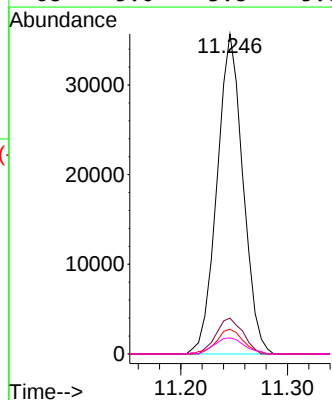
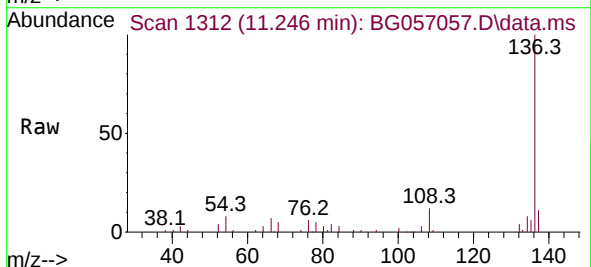
Instrument :
BNA_G
ClientSampleId :
MW-4-040723

Tgt Ion: 99 Resp: 56870
Ion Ratio Lower Upper
99 100
42 16.9 15.7 23.5
71 38.7 32.5 48.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.246 min Scan# 1312
Delta R.T. -0.005 min
Lab File: BG057057.D
Acq: 11 Apr 2023 17:39

Tgt Ion: 136 Resp: 60264
Ion Ratio Lower Upper
136 100
137 11.2 8.6 13.0
54 7.7 6.9 10.3
68 5.0 3.8 5.6





#23

Nitrobenzene-d5

Concen: 91.400 ng

RT: 9.584 min Scan# 1029

Delta R.T. -0.005 min

Lab File: BG057057.D

Acq: 11 Apr 2023 17:39

Instrument :

BNA_G

ClientSampleId :

MW-4-040723

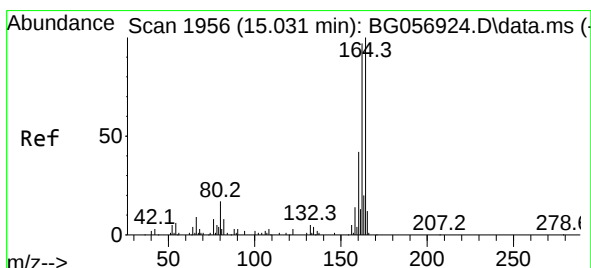
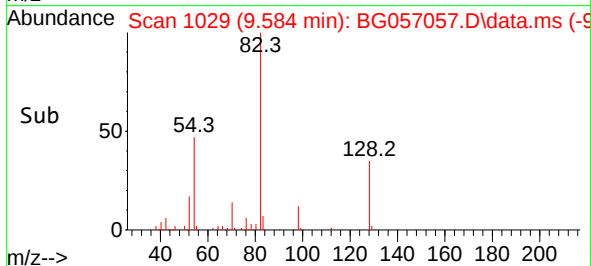
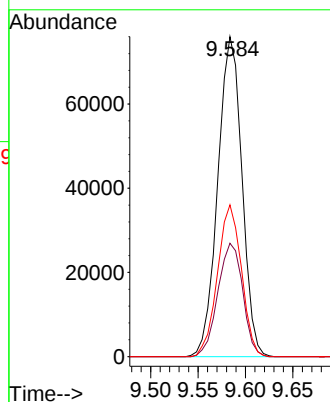
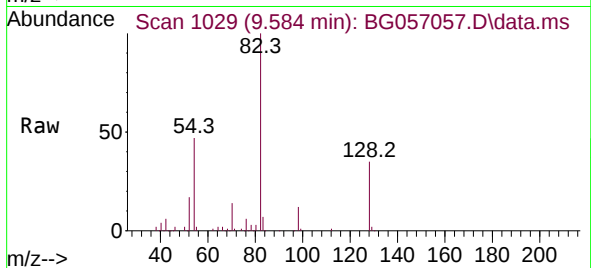
Tgt Ion: 82 Resp: 134615

Ion Ratio Lower Upper

82 100

128 35.4 27.9 41.9

54 47.4 39.4 59.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.017 min Scan# 1954

Delta R.T. -0.005 min

Lab File: BG057057.D

Acq: 11 Apr 2023 17:39

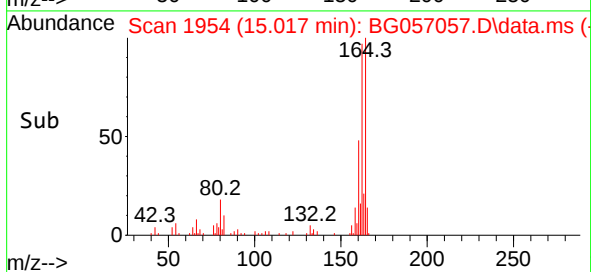
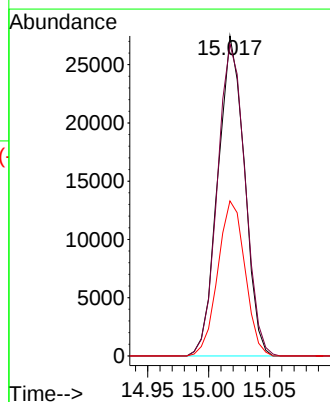
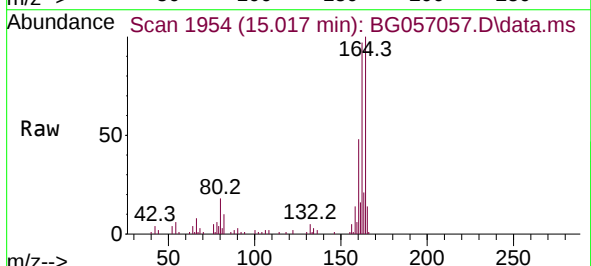
Tgt Ion:164 Resp: 41661

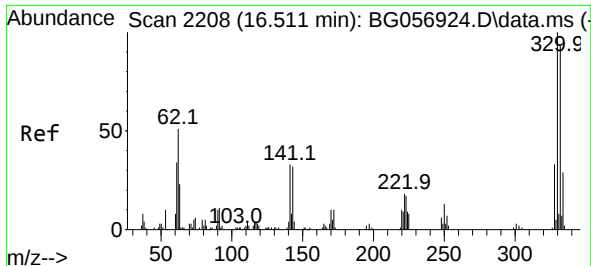
Ion Ratio Lower Upper

164 100

162 97.4 77.8 116.8

160 48.4 33.5 50.3





#42

2,4,6-Tribromophenol

Concen: 148.230 ng

RT: 16.498 min Scan# 21

Delta R.T. -0.005 min

Lab File: BG057057.D

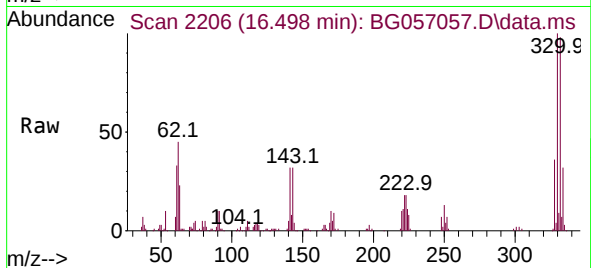
Acq: 11 Apr 2023 17:39

Instrument :

BNA_G

ClientSampleId :

MW-4-040723



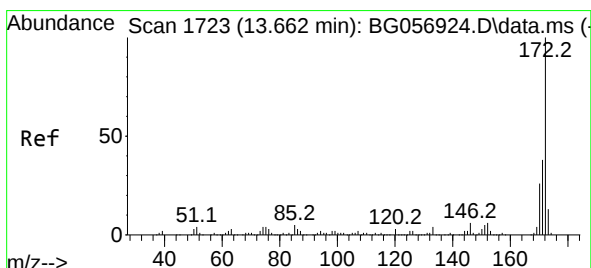
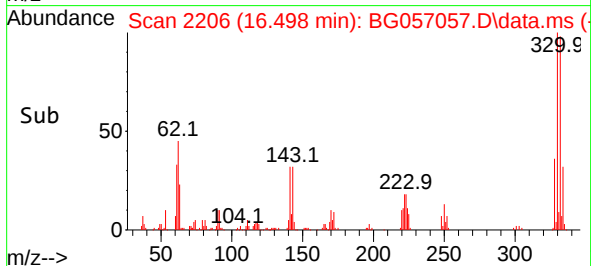
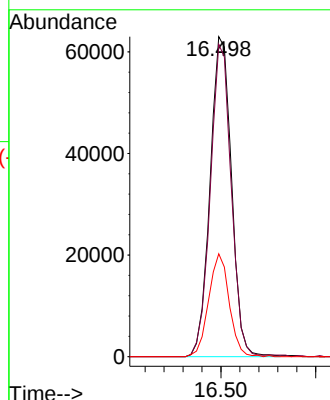
Tgt Ion:330 Resp: 98654

Ion Ratio Lower Upper

330 100

332 95.0 76.1 114.1

141 30.9 25.8 38.6



#45

2-Fluorobiphenyl

Concen: 95.898 ng

RT: 13.643 min Scan# 1720

Delta R.T. -0.005 min

Lab File: BG057057.D

Acq: 11 Apr 2023 17:39

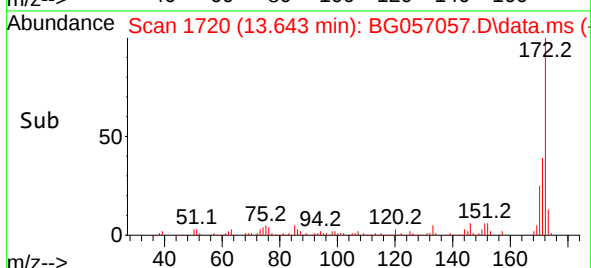
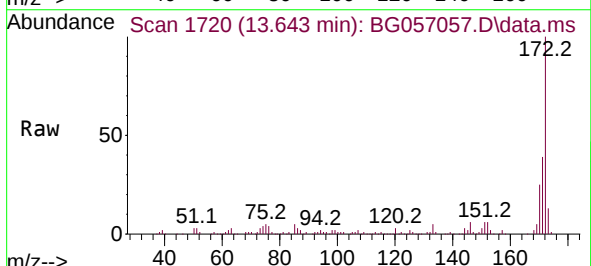
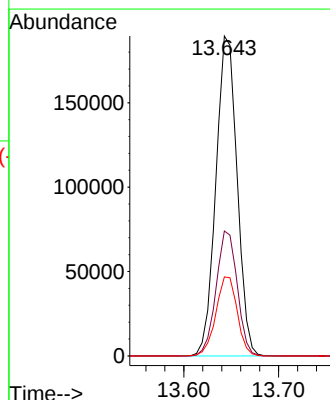
Tgt Ion:172 Resp: 294629

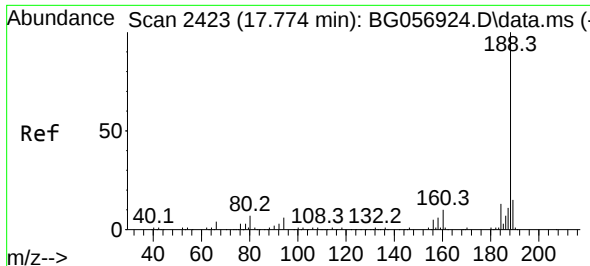
Ion Ratio Lower Upper

172 100

171 39.0 30.6 46.0

170 24.7 20.6 30.8

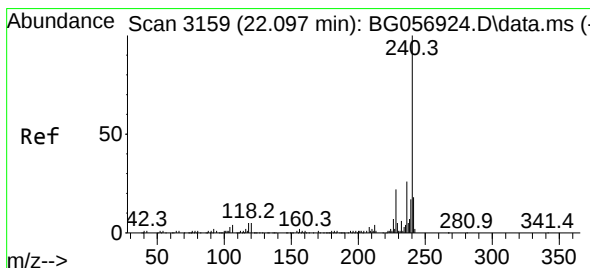
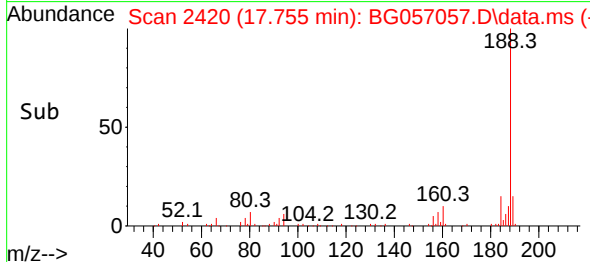
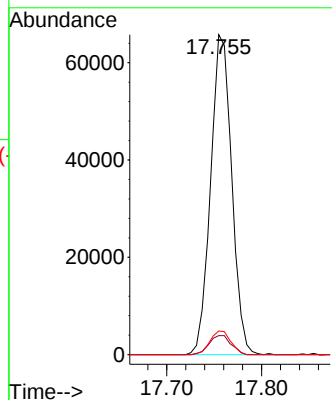
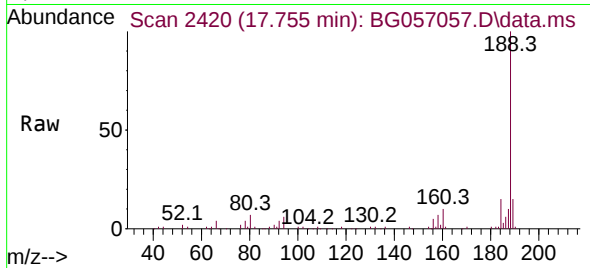




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.755 min Scan# 24
Delta R.T. -0.005 min
Lab File: BG057057.D
Acq: 11 Apr 2023 17:39

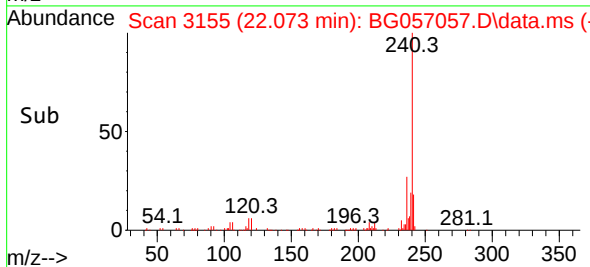
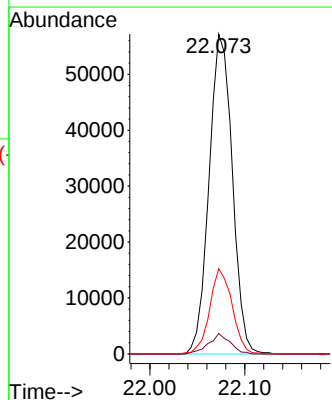
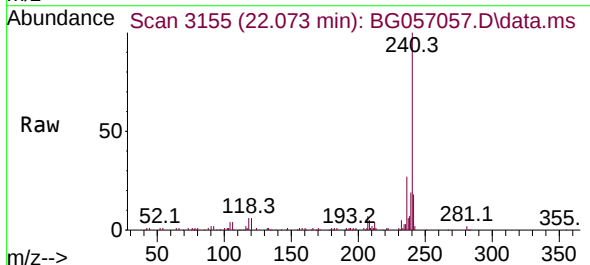
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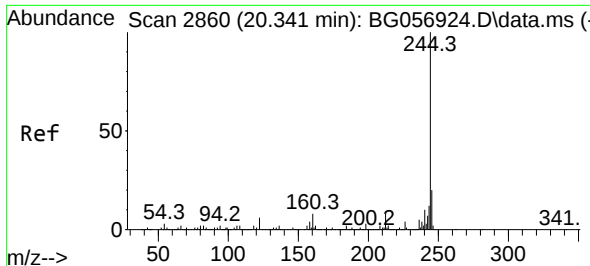
Tgt Ion:188 Resp: 101674
Ion Ratio Lower Upper
188 100
94 5.9 4.6 6.8
80 7.4 5.5 8.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.073 min Scan# 3155
Delta R.T. -0.011 min
Lab File: BG057057.D
Acq: 11 Apr 2023 17:39

Tgt Ion:240 Resp: 97311
Ion Ratio Lower Upper
240 100
120 6.4 3.8 5.6#
236 26.6 21.0 31.6

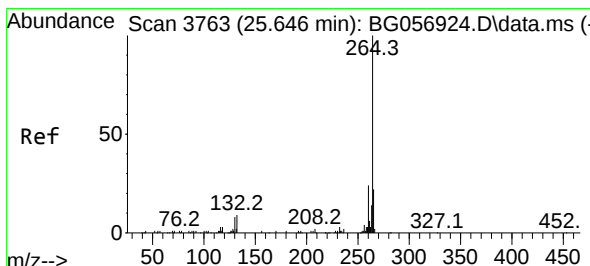
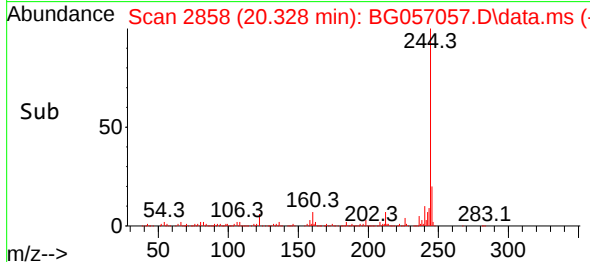
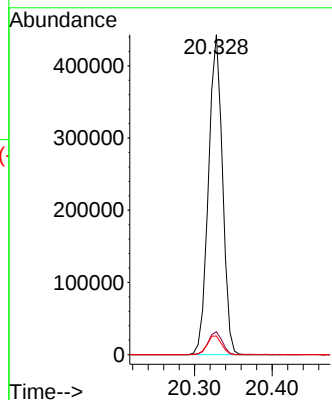
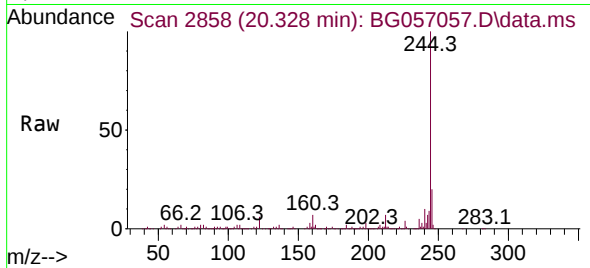




#79
 Terphenyl-d14
 Concen: 96.472 ng
 RT: 20.328 min Scan# 2860
 Delta R.T. 0.001 min
 Lab File: BG057057.D
 Acq: 11 Apr 2023 17:39

Instrument :
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Tgt Ion:244 Resp: 554781
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.1 9.1
 122 5.8 5.0 7.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.615 min Scan# 3758
 Delta R.T. -0.017 min
 Lab File: BG057057.D
 Acq: 11 Apr 2023 17:39

Tgt Ion:264 Resp: 103882
 Ion Ratio Lower Upper
 264 100
 260 22.9 19.0 28.4
 265 19.7 17.8 26.6

