

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011923\
 Data File : BG056355.D
 Acq On : 19 Jan 2023 20:29
 Operator : CG/JU
 Sample : 01220-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MH-8

Quant Time: Jan 20 01:37:16 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	35561	20.000	ng	0.00
21) Naphthalene-d8	11.138	136	129553	20.000	ng	0.00
39) Acenaphthene-d10	14.916	164	104551	20.000	ng	0.00
64) Phenanthrene-d10	17.654	188	288452	20.000	ng	0.00
76) Chrysene-d12	21.948	240	280243	20.000	ng	# 0.00
86) Perylene-d12	25.392	264	304782	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.826	112	183036	91.901	ng	0.00
7) Phenol-d6	7.442	99	255219	83.442	ng	0.00
23) Nitrobenzene-d5	9.475	82	131302	51.842	ng	-0.01
42) 2,4,6-Tribromophenol	16.396	330	130852	98.822	ng	0.00
45) 2-Fluorobiphenyl	13.541	172	394959	52.166	ng	0.00
79) Terphenyl-d14	20.227	244	830261	53.062	ng	0.00

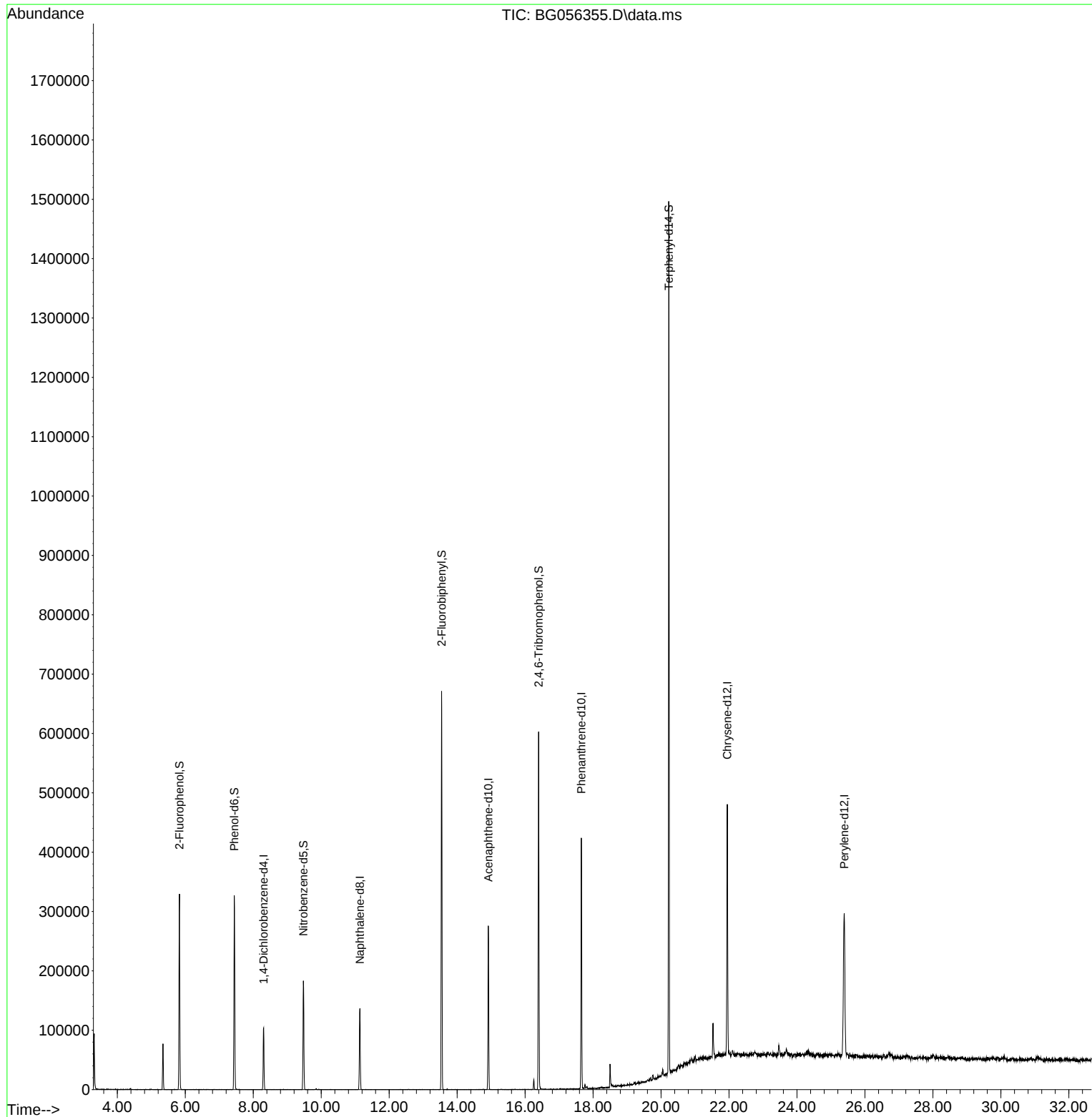
Target Compounds	Qvalue

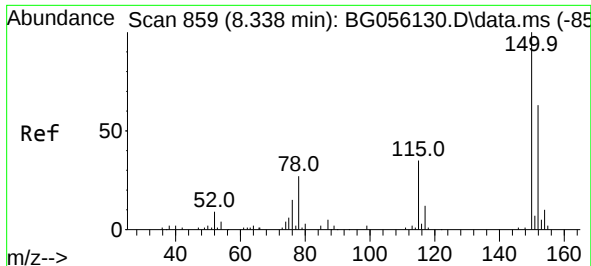
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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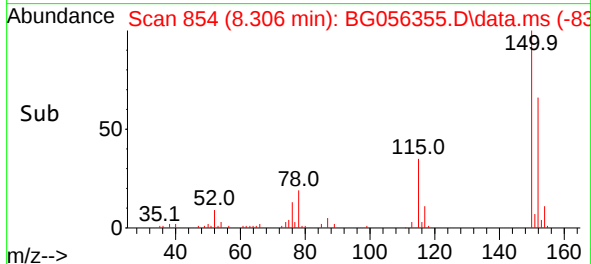
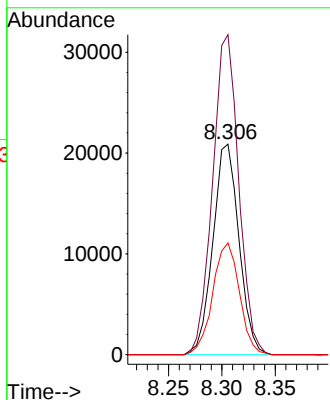
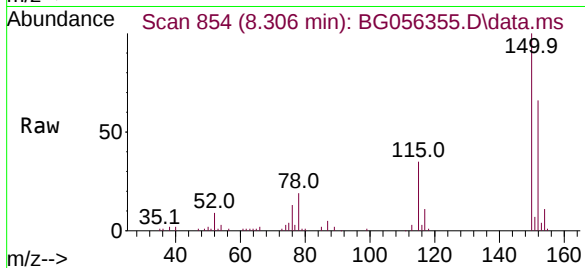




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.306 min Scan# 81
Delta R.T. -0.000 min
Lab File: BG056355.D
Acq: 19 Jan 2023 20:29

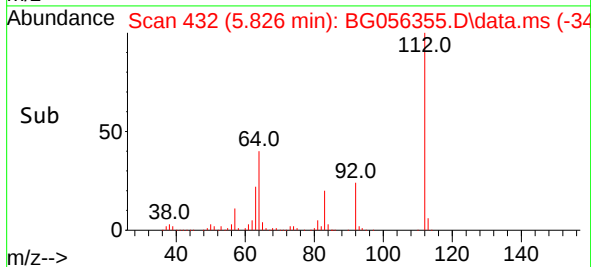
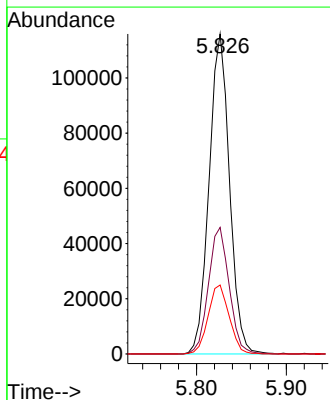
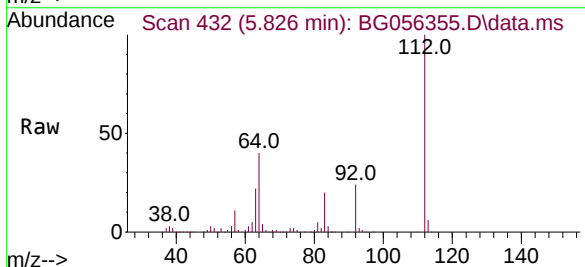
Instrument :
BNA_G
ClientSampleId :
MH-8

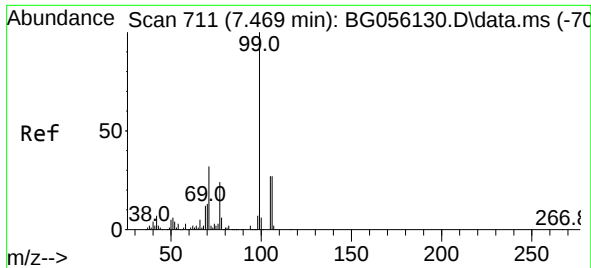
Tgt Ion:152 Resp: 35561
Ion Ratio Lower Upper
152 100
150 152.1 127.9 191.9
115 53.1 44.2 66.2



#5
2-Fluorophenol
Concen: 91.901 ng
RT: 5.826 min Scan# 432
Delta R.T. -0.000 min
Lab File: BG056355.D
Acq: 19 Jan 2023 20:29

Tgt Ion:112 Resp: 183036
Ion Ratio Lower Upper
112 100
64 39.5 33.3 49.9
63 21.5 19.0 28.4

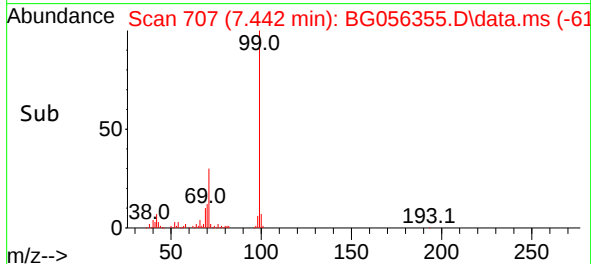
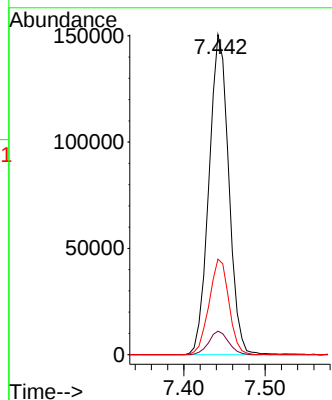
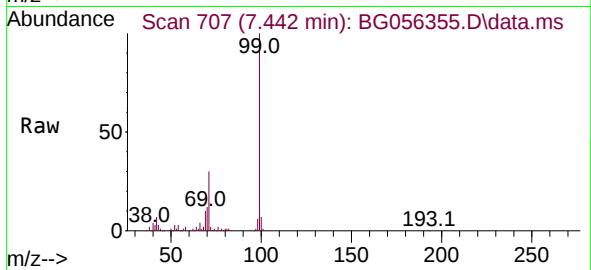




#7
Phenol-d6
Concen: 83.442 ng
RT: 7.442 min Scan# 70
Delta R.T. -0.006 min
Lab File: BG056355.D
Acq: 19 Jan 2023 20:29

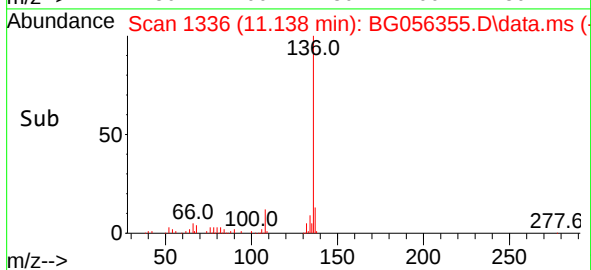
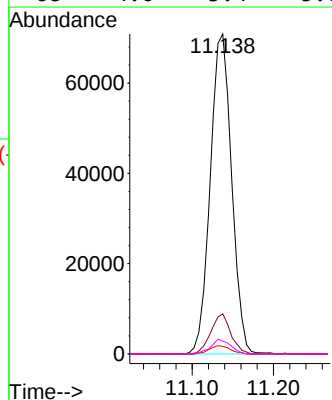
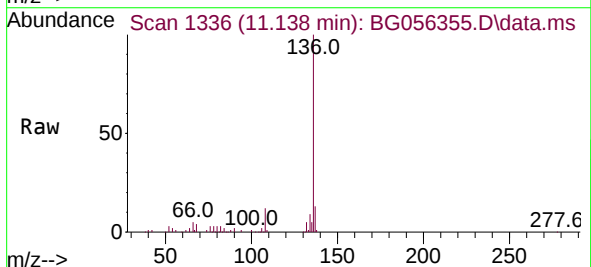
Instrument :
BNA_G
ClientSampleId :
MH-8

Tgt Ion: 99 Resp: 255219
Ion Ratio Lower Upper
99 100
42 7.3 5.9 8.9
71 29.8 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: BG056355.D
Acq: 19 Jan 2023 20:29

Tgt Ion: 136 Resp: 129553
Ion Ratio Lower Upper
136 100
137 12.5 9.4 14.0
54 2.3 2.2 3.2
68 4.0 3.4 5.0

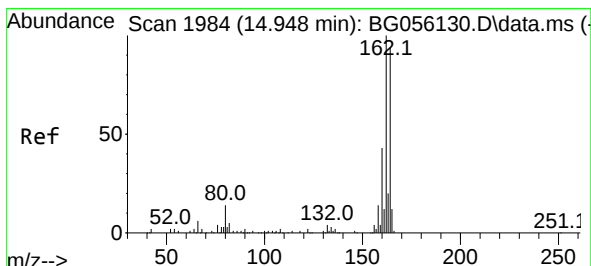
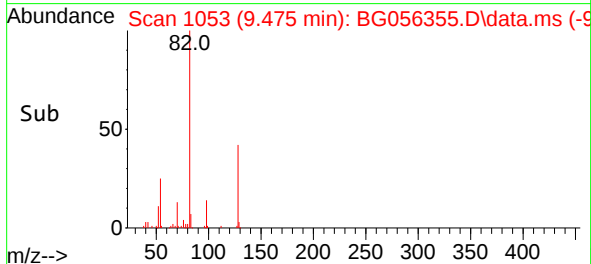
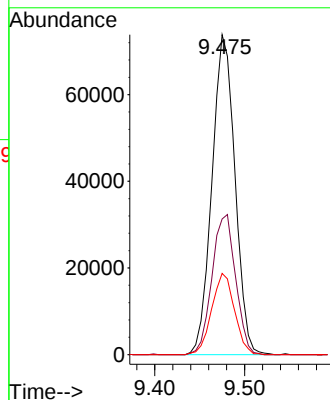
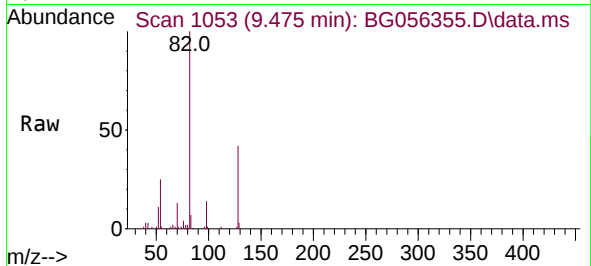




#23
Nitrobenzene-d5
Concen: 51.842 ng
RT: 9.475 min Scan# 1053
Delta R.T. -0.012 min
Lab File: BG056355.D
Acq: 19 Jan 2023 20:29

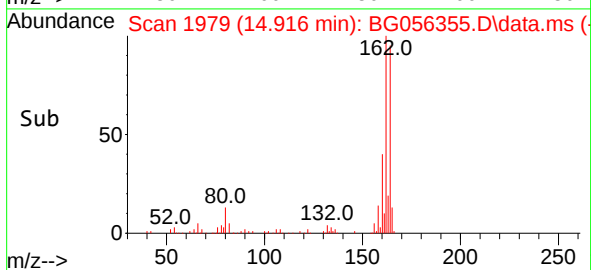
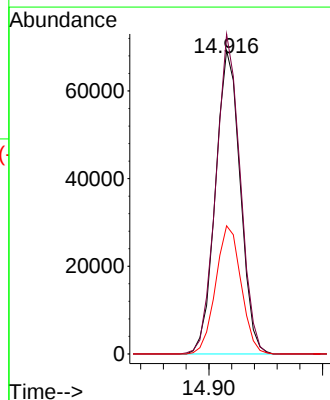
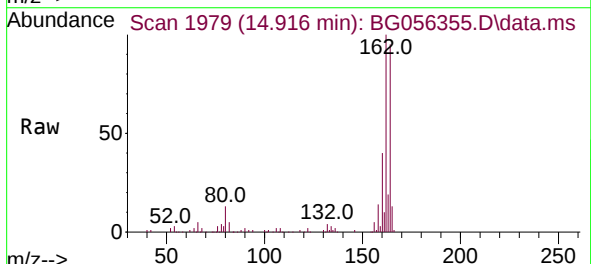
Instrument :
BNA_G
ClientSampleId :
MH-8

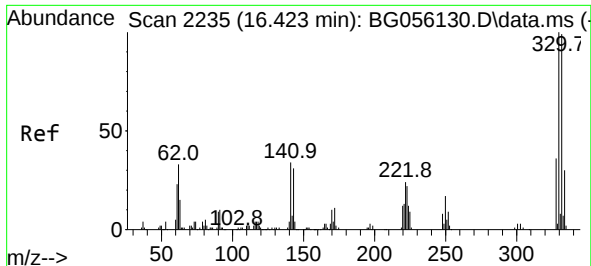
Tgt Ion: 82 Resp: 131302
Ion Ratio Lower Upper
82 100
128 42.4 33.4 50.2
54 25.4 20.3 30.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.916 min Scan# 1979
Delta R.T. -0.006 min
Lab File: BG056355.D
Acq: 19 Jan 2023 20:29

Tgt Ion:164 Resp: 104551
Ion Ratio Lower Upper
164 100
162 105.5 84.7 127.1
160 42.2 36.3 54.5





#42

2,4,6-Tribromophenol

Concen: 98.822 ng

RT: 16.396 min Scan# 21

Delta R.T. -0.006 min

Lab File: BG056355.D

Acq: 19 Jan 2023 20:29

Instrument :

BNA_G

ClientSampleId :

MH-8

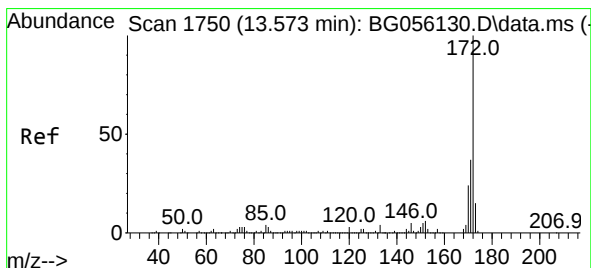
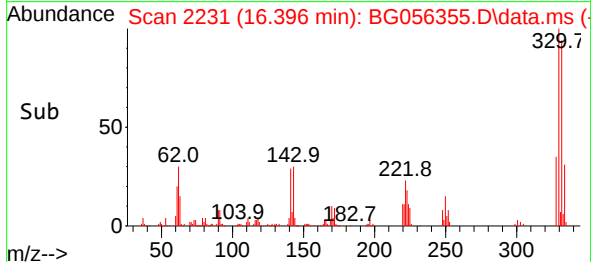
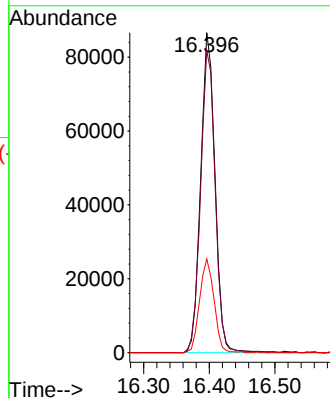
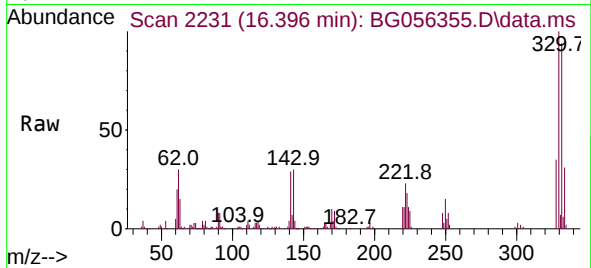
Tgt Ion:330 Resp: 130852

Ion Ratio Lower Upper

330 100

332 96.0 77.3 115.9

141 29.4 27.9 41.9



#45

2-Fluorobiphenyl

Concen: 52.166 ng

RT: 13.541 min Scan# 1745

Delta R.T. -0.006 min

Lab File: BG056355.D

Acq: 19 Jan 2023 20:29

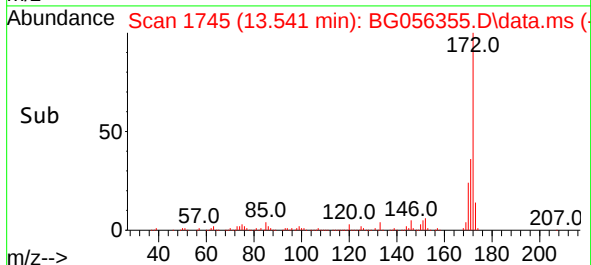
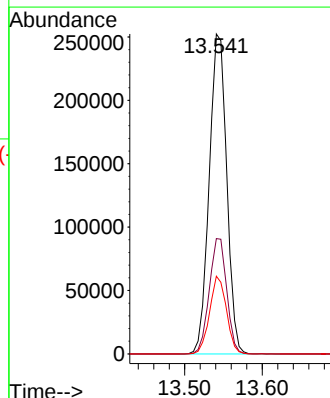
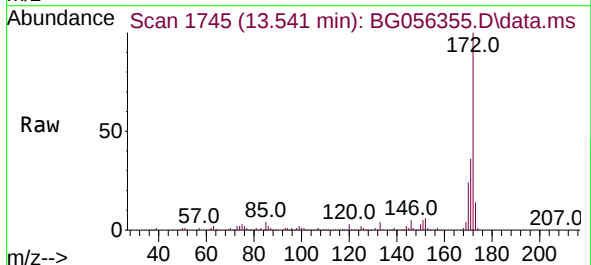
Tgt Ion:172 Resp: 394959

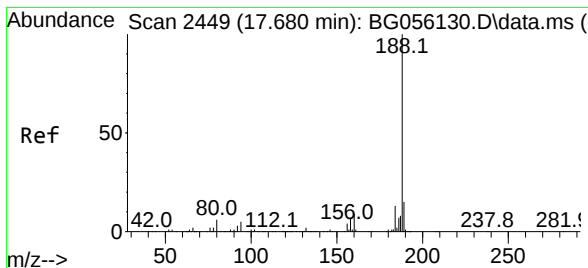
Ion Ratio Lower Upper

172 100

171 36.0 29.6 44.4

170 24.3 19.4 29.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.654 min Scan# 2445

Delta R.T. -0.006 min

Lab File: BG056355.D

Acq: 19 Jan 2023 20:29

Instrument :

BNA_G

ClientSampleId :

MH-8

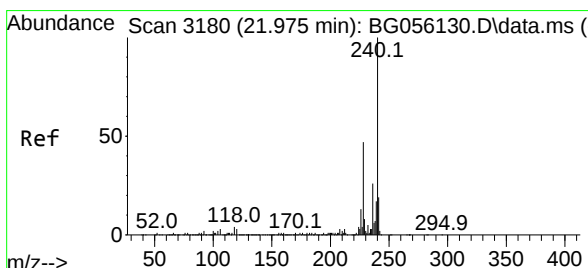
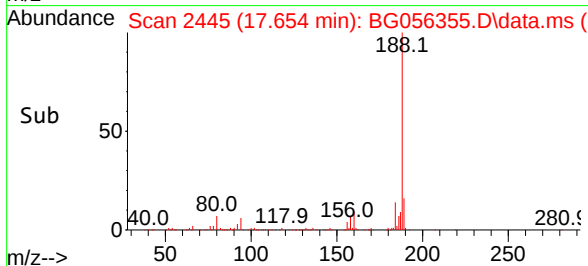
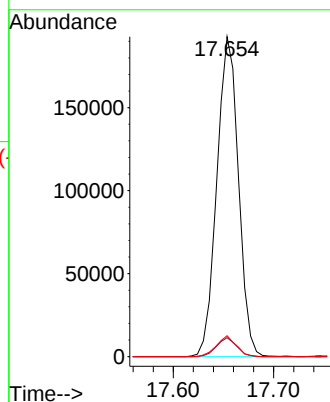
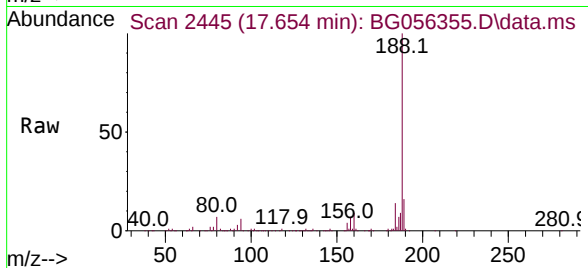
Tgt Ion:188 Resp: 288452

Ion Ratio Lower Upper

188 100

94 5.9 4.2 6.2

80 6.5 5.0 7.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.948 min Scan# 3176

Delta R.T. -0.006 min

Lab File: BG056355.D

Acq: 19 Jan 2023 20:29

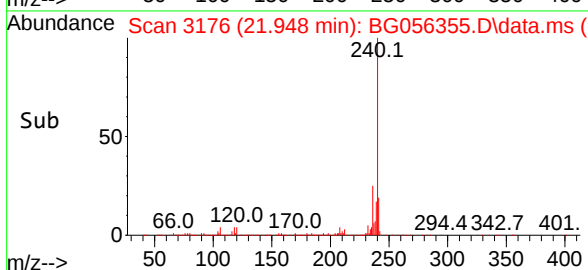
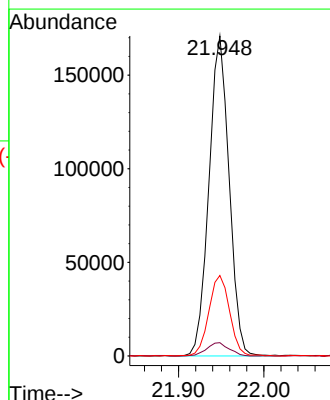
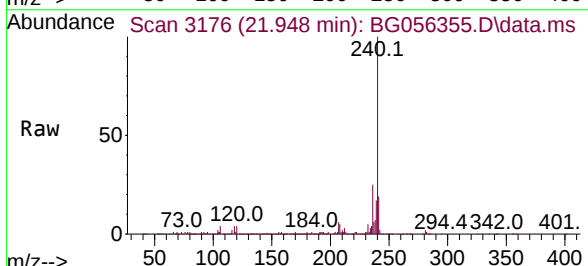
Tgt Ion:240 Resp: 280243

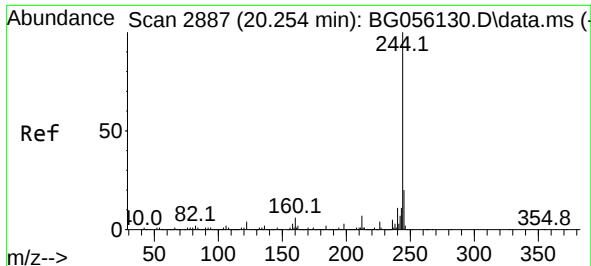
Ion Ratio Lower Upper

240 100

120 4.1 2.6 4.0#

236 25.1 20.8 31.2

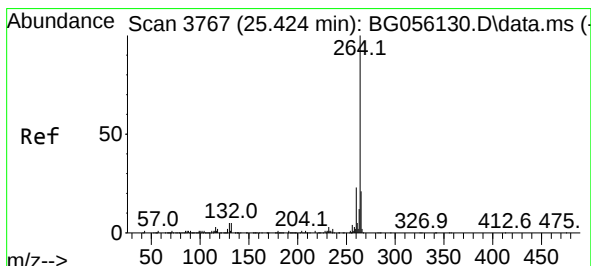
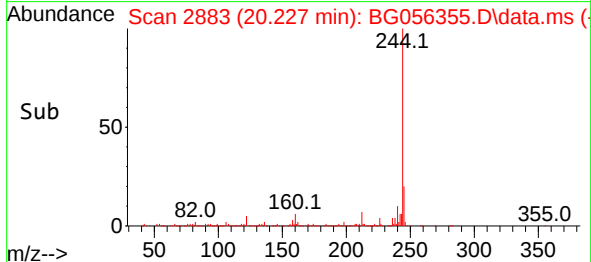
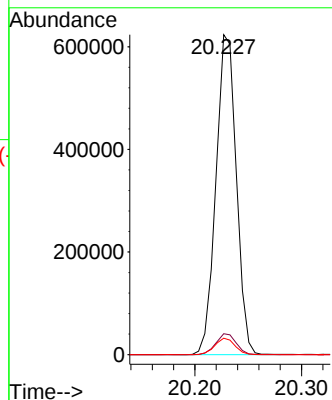
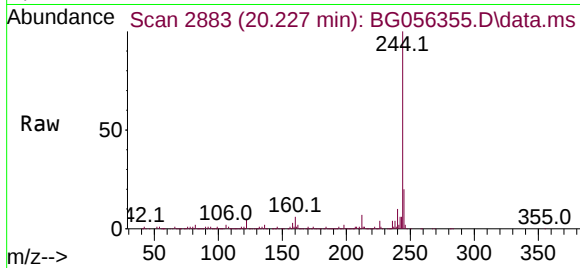




#79
 Terphenyl-d14
 Concen: 53.062 ng
 RT: 20.227 min Scan# 2883
 Delta R.T. -0.006 min
 Lab File: BG056355.D
 Acq: 19 Jan 2023 20:29

Instrument :
 BNA_G
 ClientSampleId :
 MH-8

Tgt Ion:244 Resp: 830261
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.7 8.5
 122 5.1 3.5 5.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.392 min Scan# 3762
 Delta R.T. -0.000 min
 Lab File: BG056355.D
 Acq: 19 Jan 2023 20:29

Tgt Ion:264 Resp: 304782
 Ion Ratio Lower Upper
 264 100
 260 22.6 18.6 28.0
 265 21.4 16.7 25.1

