

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010323\
 Data File : BG056197.D
 Acq On : 3 Jan 2023 22:29
 Operator : CG/JU
 Sample : N6243-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PE-1

Quant Time: Jan 04 02:16:42 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 04 02:08:15 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.343	152	65753	20.000	ng	0.00
21) Naphthalene-d8	11.175	136	252152	20.000	ng	0.00
39) Acenaphthene-d10	14.947	164	185533	20.000	ng	0.00
64) Phenanthrene-d10	17.685	188	432994	20.000	ng	0.00
76) Chrysene-d12	21.985	240	390713	20.000	ng	0.00
86) Perylene-d12	25.452	264	421118	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.863	112	316476	85.938	ng	0.02
7) Phenol-d6	7.473	99	443074	78.345	ng	0.00
23) Nitrobenzene-d5	9.512	82	235997	47.874	ng	0.00
42) 2,4,6-Tribromophenol	16.427	330	172921	73.591	ng	0.00
45) 2-Fluorobiphenyl	13.578	172	714710	53.195	ng	0.00
79) Terphenyl-d14	20.258	244	1156601	53.019	ng	0.00

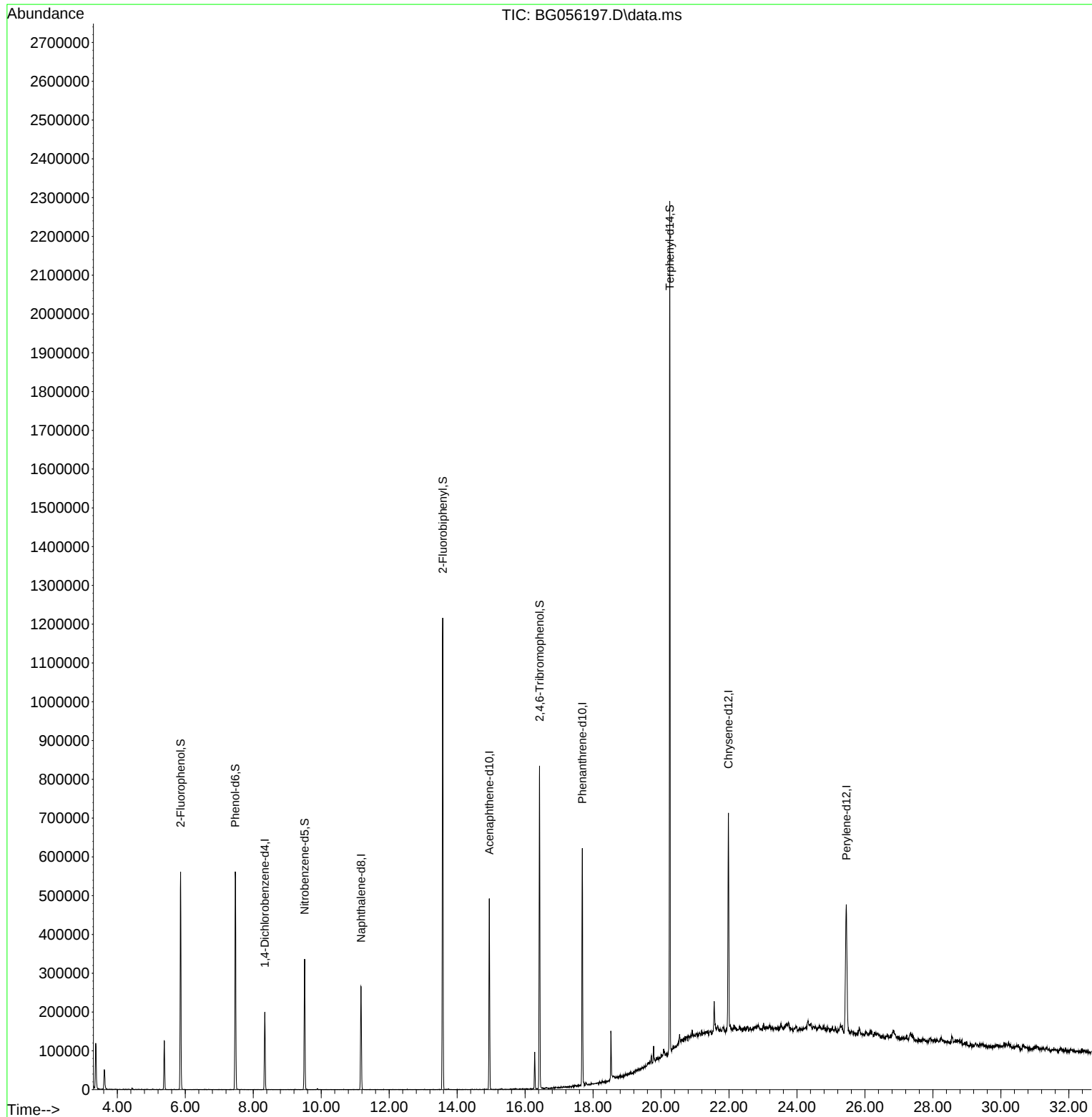
Target Compounds	Qvalue

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

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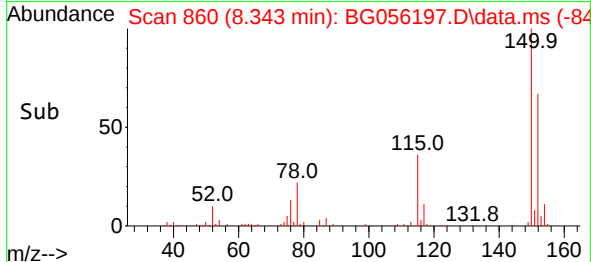
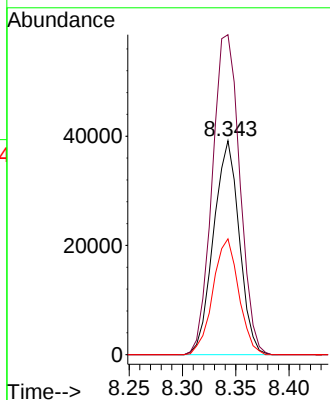
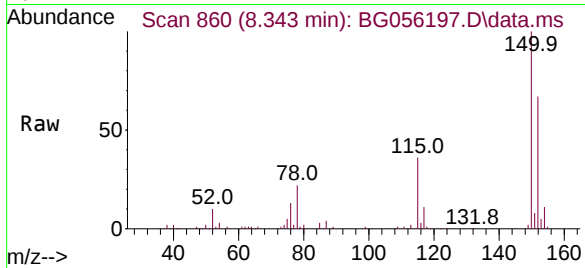




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.343 min Scan# 80
Delta R.T. 0.005 min
Lab File: BG056197.D
Acq: 3 Jan 2023 22:29

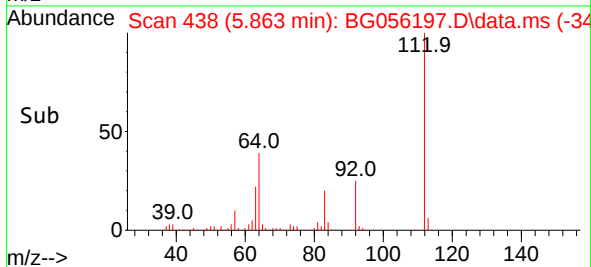
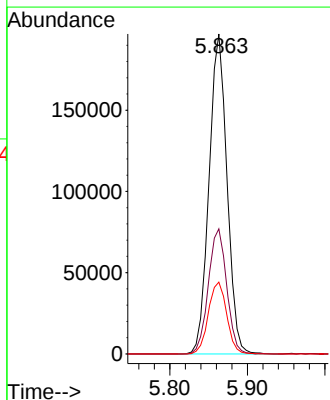
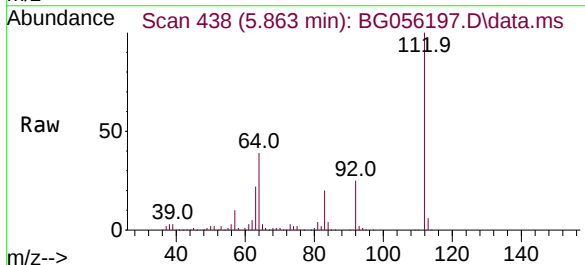
Instrument :
BNA_G
ClientSampleId :
PE-1

Tgt Ion:152 Resp: 65753
Ion Ratio Lower Upper
152 100
150 149.6 127.9 191.9
115 54.1 44.2 66.2



#5
2-Fluorophenol
Concen: 85.938 ng
RT: 5.863 min Scan# 438
Delta R.T. 0.016 min
Lab File: BG056197.D
Acq: 3 Jan 2023 22:29

Tgt Ion:112 Resp: 316476
Ion Ratio Lower Upper
112 100
64 39.1 33.3 49.9
63 22.5 19.0 28.4





#7

Phenol-d6

Concen: 78.345 ng

RT: 7.473 min Scan# 711

Delta R.T. 0.004 min

Lab File: BG056197.D

Acq: 3 Jan 2023 22:29

Instrument :

BNA_G

ClientSampleId :

PE-1

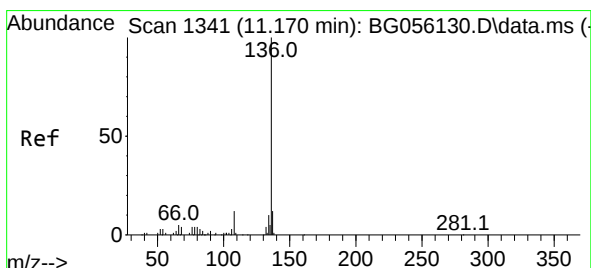
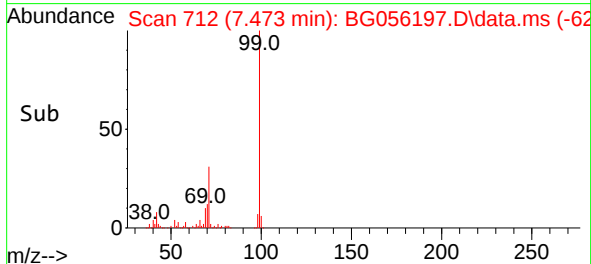
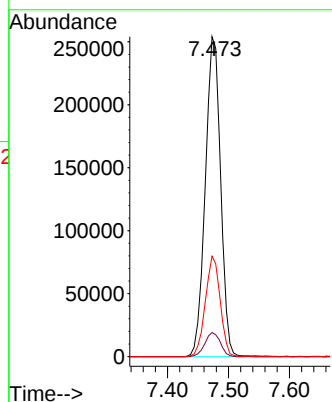
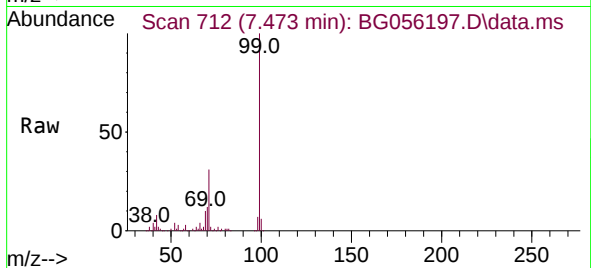
Tgt Ion: 99 Resp: 443074

Ion Ratio Lower Upper

99 100

42 7.5 5.9 8.9

71 31.4 25.4 38.2



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.175 min Scan# 1342

Delta R.T. 0.004 min

Lab File: BG056197.D

Acq: 3 Jan 2023 22:29

Tgt Ion: 136 Resp: 252152

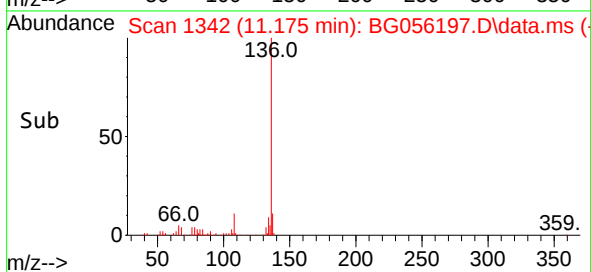
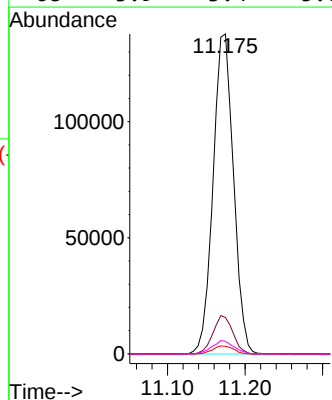
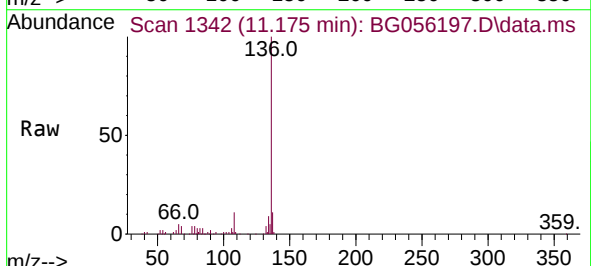
Ion Ratio Lower Upper

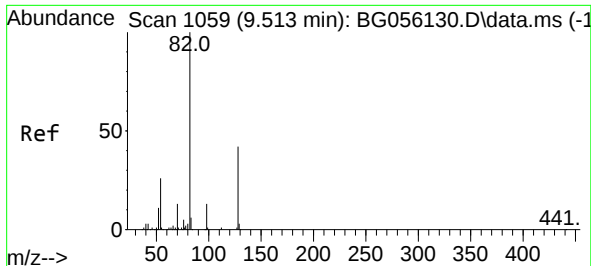
136 100

137 11.4 9.4 14.0

54 2.4 2.2 3.2

68 3.9 3.4 5.0





#23

Nitrobenzene-d5

Concen: 47.874 ng

RT: 9.512 min Scan# 1059

Delta R.T. 0.004 min

Lab File: BG056197.D

Acq: 3 Jan 2023 22:29

Instrument :

BNA_G

ClientSampleId :

PE-1

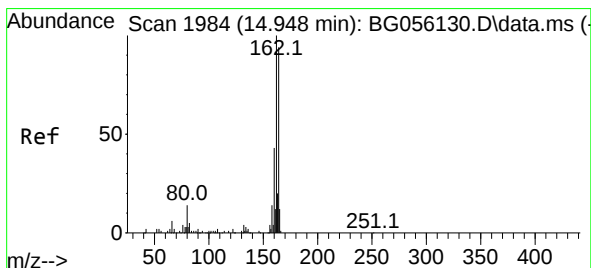
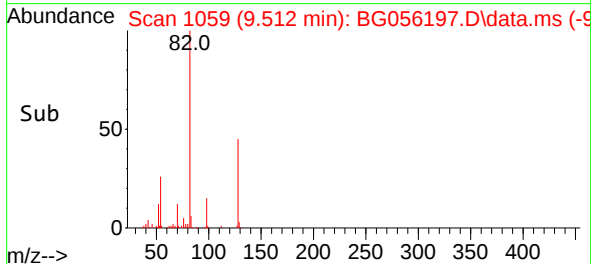
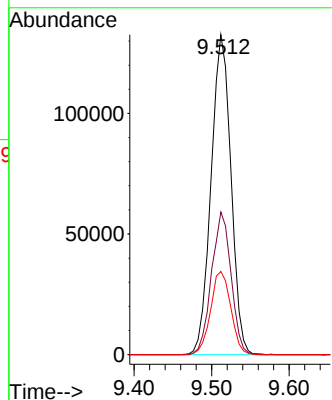
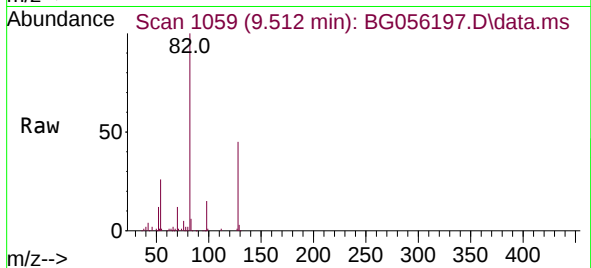
Tgt Ion: 82 Resp: 235997

Ion Ratio Lower Upper

82 100

128 44.6 33.4 50.2

54 26.0 20.3 30.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.947 min Scan# 1984

Delta R.T. -0.001 min

Lab File: BG056197.D

Acq: 3 Jan 2023 22:29

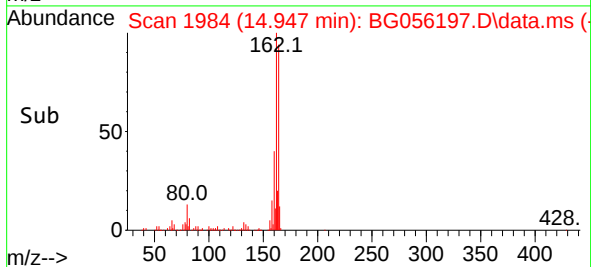
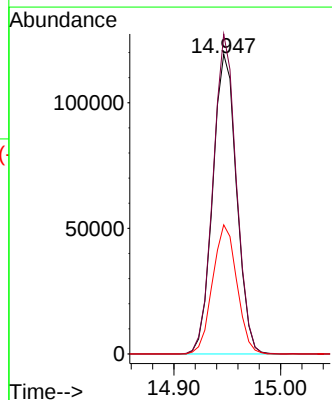
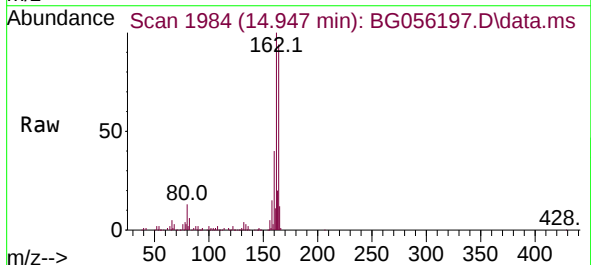
Tgt Ion: 164 Resp: 185533

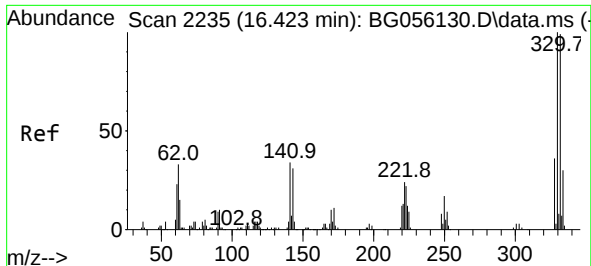
Ion Ratio Lower Upper

164 100

162 106.8 84.7 127.1

160 43.1 36.3 54.5





#42

2,4,6-Tribromophenol

Concen: 73.591 ng

RT: 16.427 min Scan# 21

Delta R.T. -0.001 min

Lab File: BG056197.D

Acq: 3 Jan 2023 22:29

Instrument :

BNA_G

ClientSampleId :

PE-1

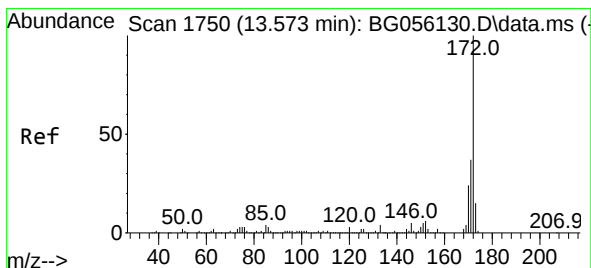
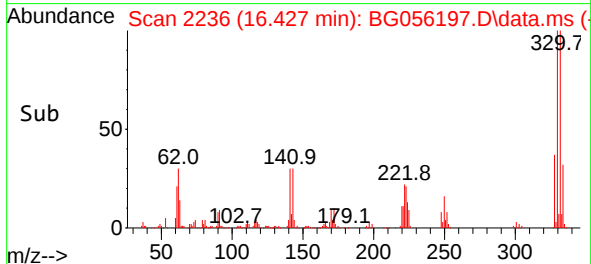
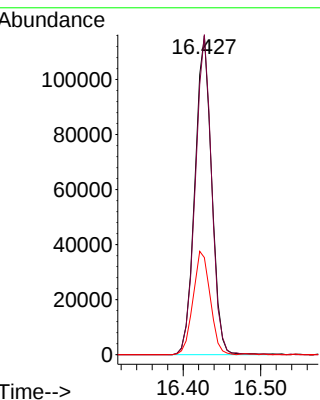
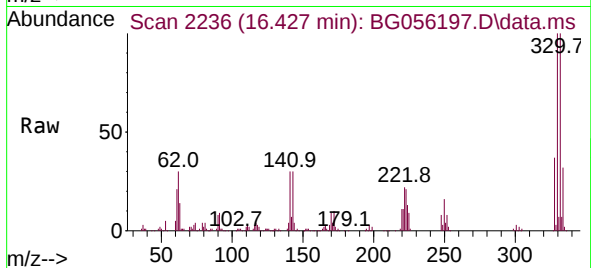
Tgt Ion:330 Resp: 172921

Ion Ratio Lower Upper

330 100

332 98.2 77.3 115.9

141 33.2 27.9 41.9



#45

2-Fluorobiphenyl

Concen: 53.195 ng

RT: 13.578 min Scan# 1751

Delta R.T. -0.001 min

Lab File: BG056197.D

Acq: 3 Jan 2023 22:29

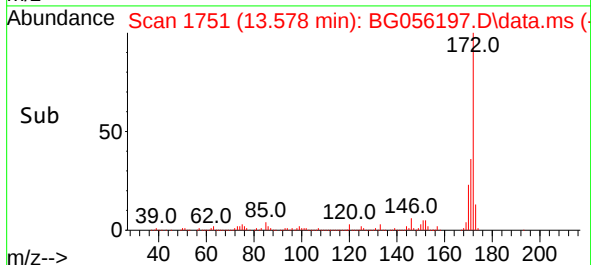
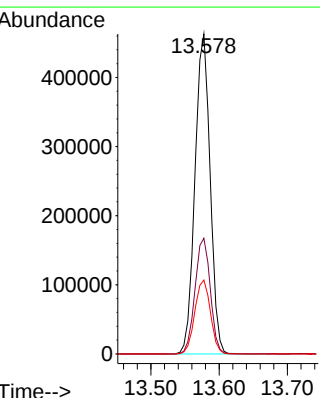
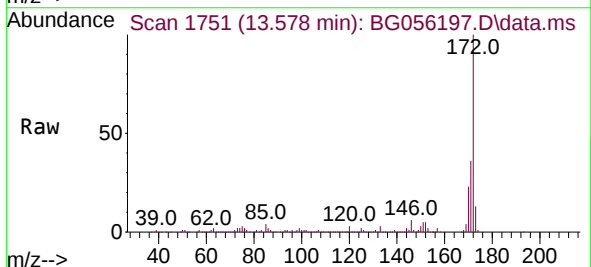
Tgt Ion:172 Resp: 714710

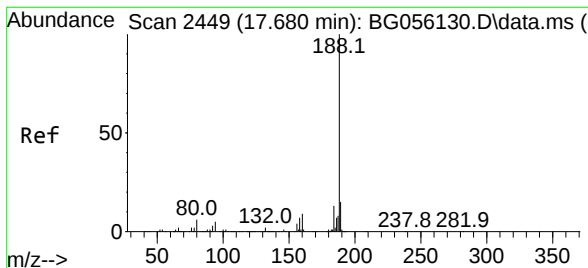
Ion Ratio Lower Upper

172 100

171 36.1 29.6 44.4

170 23.1 19.4 29.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.685 min Scan# 2449

Delta R.T. -0.001 min

Lab File: BG056197.D

Acq: 3 Jan 2023 22:29

Instrument :

BNA_G

ClientSampleId :

PE-1

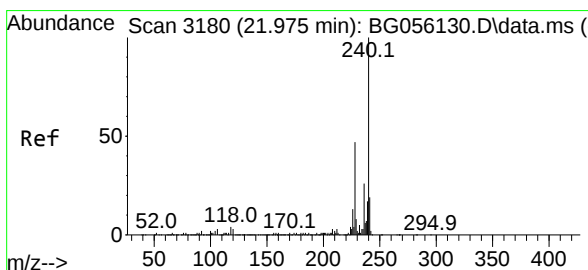
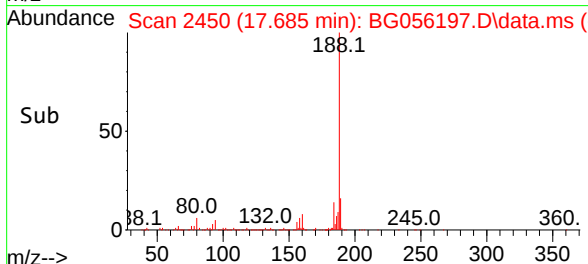
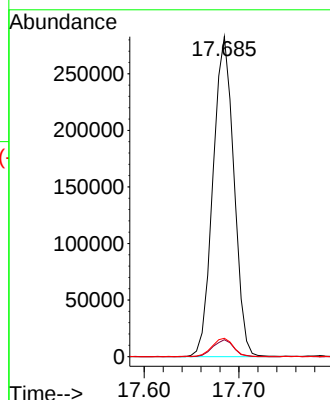
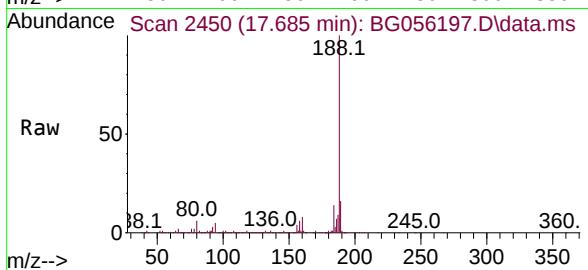
Tgt Ion:188 Resp: 432994

Ion Ratio Lower Upper

188 100

94 5.3 4.2 6.2

80 5.7 5.0 7.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.985 min Scan# 3182

Delta R.T. -0.001 min

Lab File: BG056197.D

Acq: 3 Jan 2023 22:29

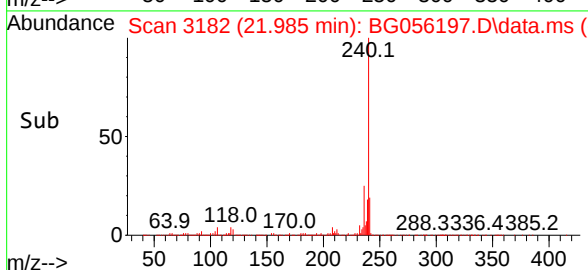
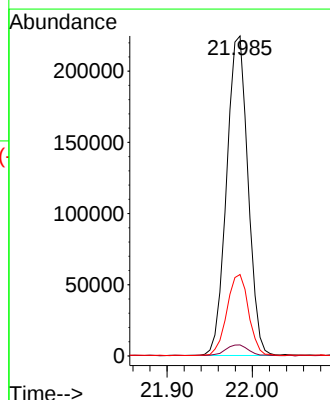
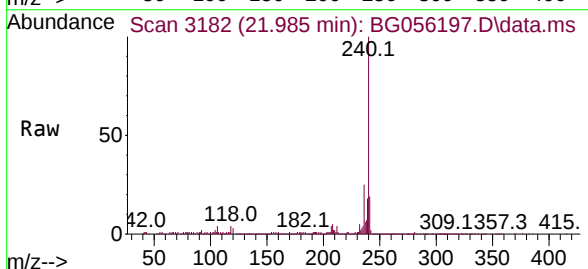
Tgt Ion:240 Resp: 390713

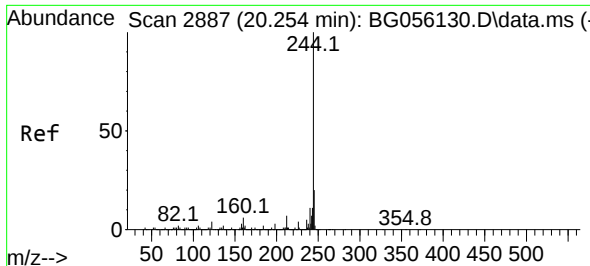
Ion Ratio Lower Upper

240 100

120 3.5 2.6 4.0

236 25.4 20.8 31.2



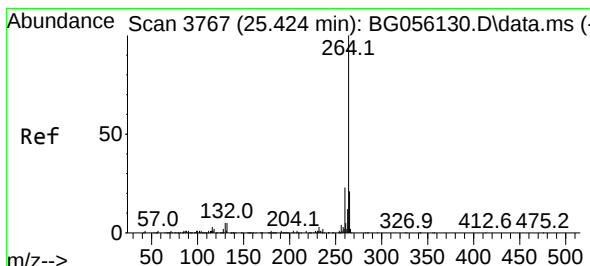
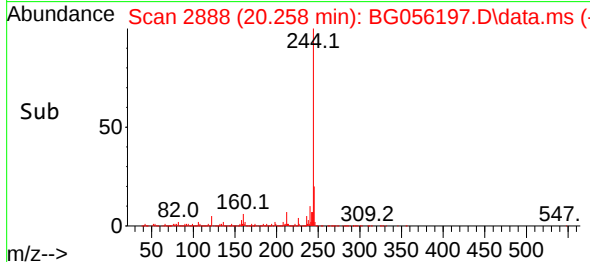
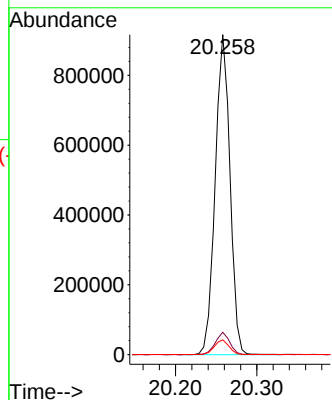
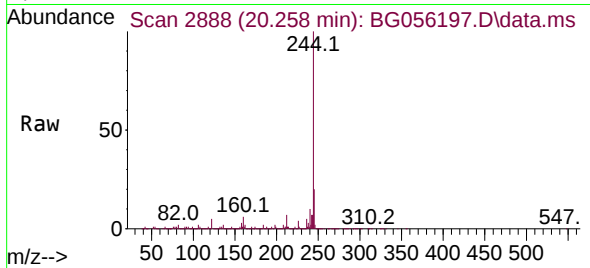


#79
 Terphenyl-d14
 Concen: 53.019 ng
 RT: 20.258 min Scan# 2888
 Delta R.T. -0.001 min
 Lab File: BG056197.D
 Acq: 3 Jan 2023 22:29

Instrument :
 BNA_G
 ClientSampleId :
 PE-1

Tgt Ion:244 Resp: 1156601

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.7	8.5
122	4.6	3.5	5.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.452 min Scan# 3772
 Delta R.T. 0.004 min
 Lab File: BG056197.D
 Acq: 3 Jan 2023 22:29

Tgt Ion:264 Resp: 421118

Ion	Ratio	Lower	Upper
264	100		
260	24.6	18.6	28.0
265	22.3	16.7	25.1

