

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011923\
 Data File : BG056353.D
 Acq On : 19 Jan 2023 19:06
 Operator : CG/JU
 Sample : 01217-14
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BORING-2

Quant Time: Jan 20 01:36:51 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	8.309	152	37064	20.000	ng	0.00
21) Naphthalene-d8	11.135	136	131125	20.000	ng	0.00
39) Acenaphthene-d10	14.919	164	101854	20.000	ng	0.00
64) Phenanthrene-d10	17.657	188	277622	20.000	ng	# 0.00
76) Chrysene-d12	21.946	240	294890	20.000	ng	# 0.00
86) Perylene-d12	25.389	264	318085	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.824	112	209404	100.877	ng	0.00
7) Phenol-d6	7.445	99	281320	88.246	ng	0.00
23) Nitrobenzene-d5	9.478	82	144499	56.369	ng	0.00
42) 2,4,6-Tribromophenol	16.399	330	137350	106.476	ng	0.00
45) 2-Fluorobiphenyl	13.544	172	449301	60.915	ng	0.00
79) Terphenyl-d14	20.230	244	1012977	61.524	ng	0.00

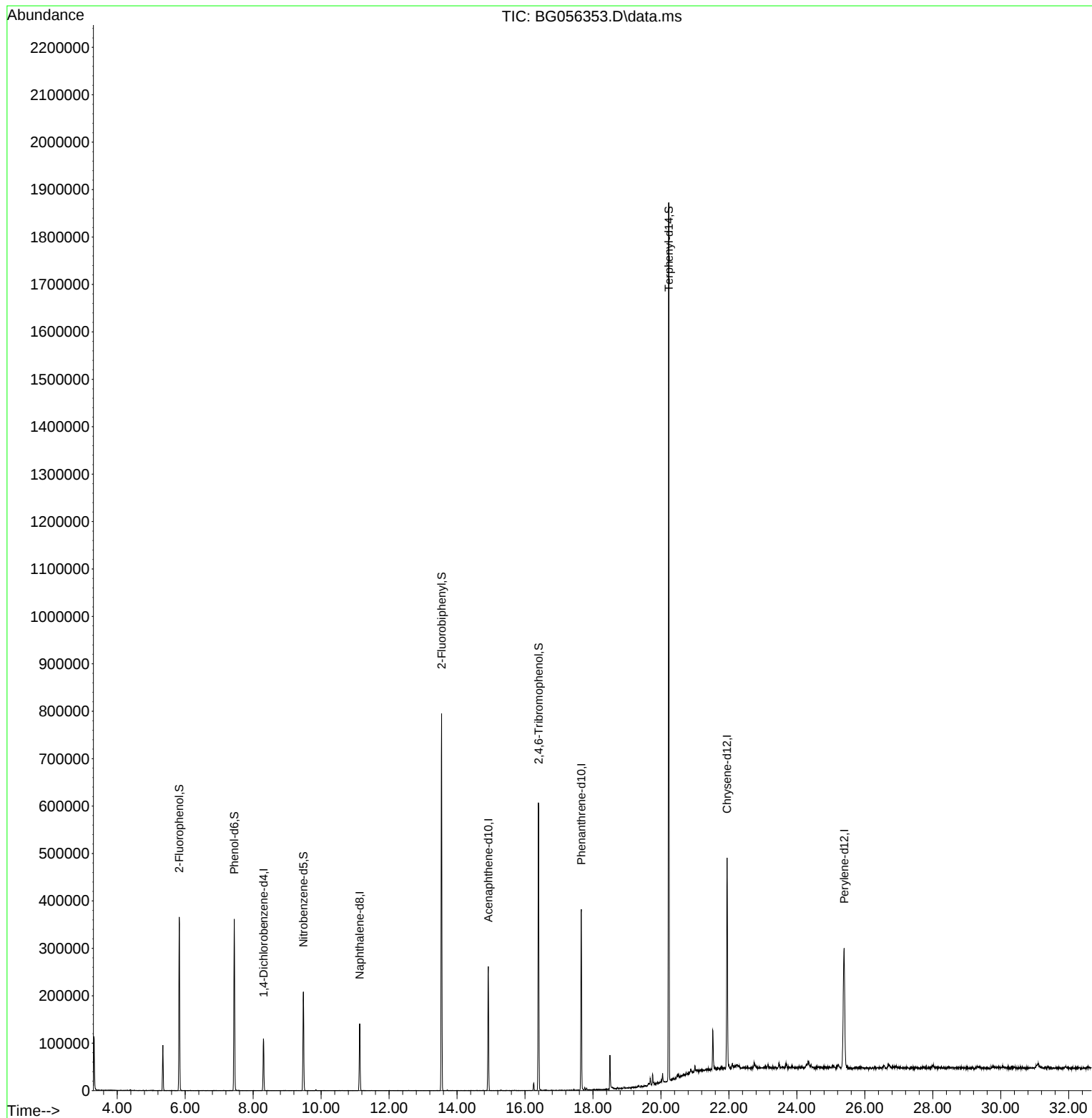
Target Compounds	Qvalue

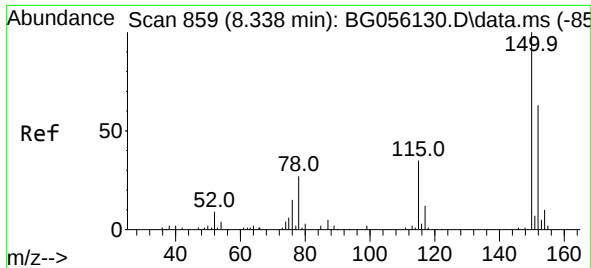
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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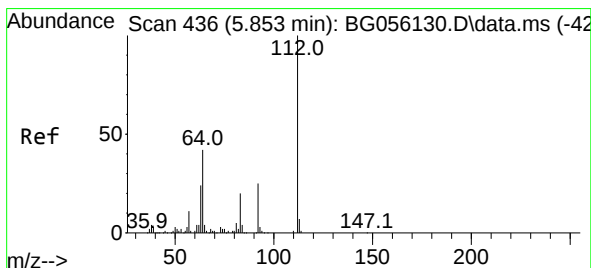
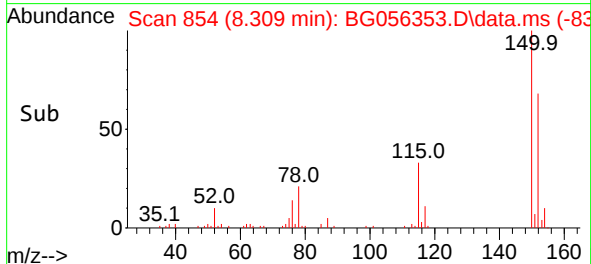
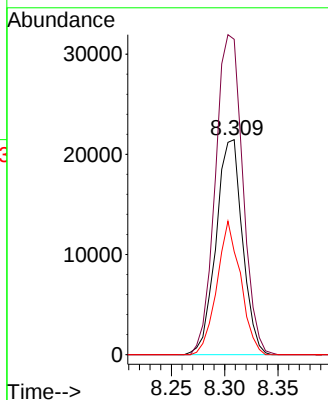
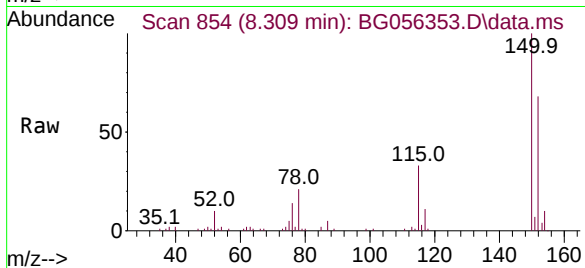




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.309 min Scan# 81
Delta R.T. 0.003 min
Lab File: BG056353.D
Acq: 19 Jan 2023 19:06

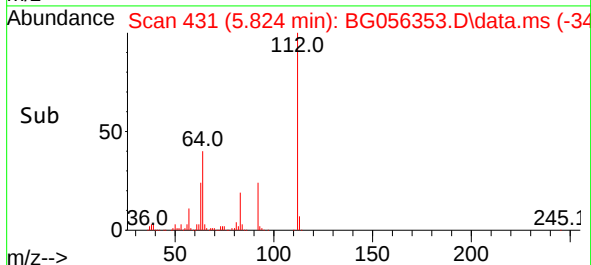
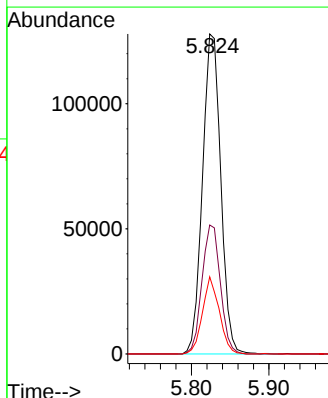
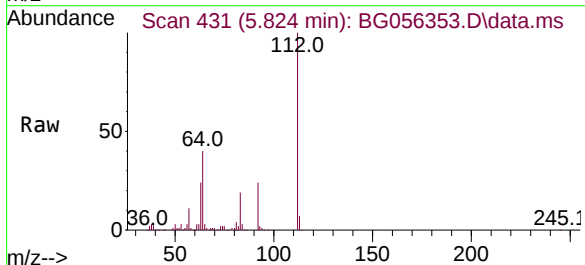
Instrument :
BNA_G
ClientSampleId :
BORING-2

Tgt Ion:152 Resp: 37064
Ion Ratio Lower Upper
152 100
150 146.6 127.9 191.9
115 47.9 44.2 66.2



#5
2-Fluorophenol
Concen: 100.877 ng
RT: 5.824 min Scan# 431
Delta R.T. -0.003 min
Lab File: BG056353.D
Acq: 19 Jan 2023 19:06

Tgt Ion:112 Resp: 209404
Ion Ratio Lower Upper
112 100
64 40.3 33.3 49.9
63 24.1 19.0 28.4

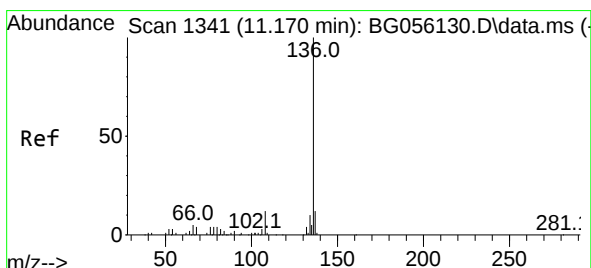
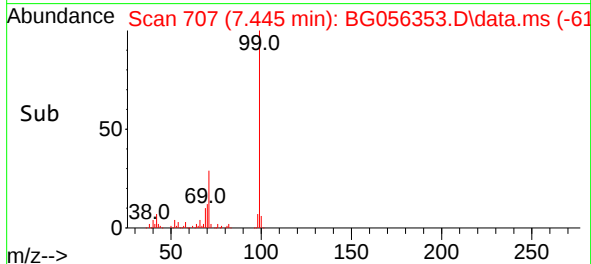
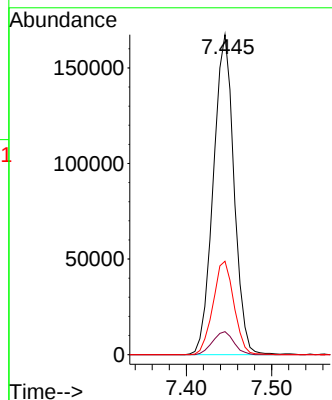
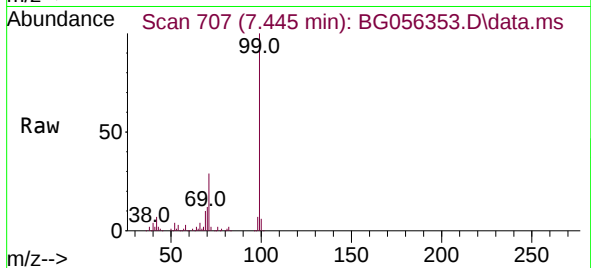




#7
Phenol-d6
Concen: 88.246 ng
RT: 7.445 min Scan# 70
Delta R.T. -0.003 min
Lab File: BG056353.D
Acq: 19 Jan 2023 19:06

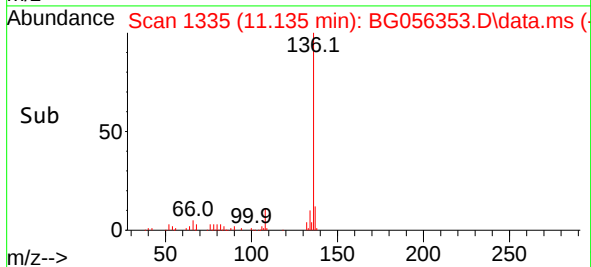
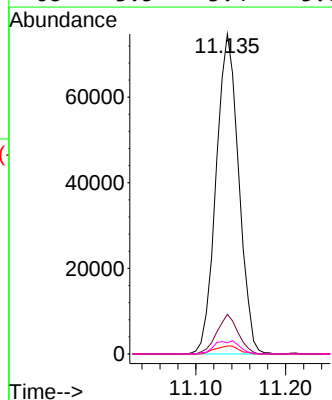
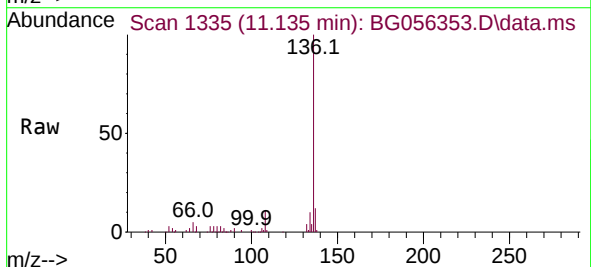
Instrument :
BNA_G
ClientSampleId :
BORING-2

Tgt Ion: 99 Resp: 281320
Ion Ratio Lower Upper
99 100
42 7.2 5.9 8.9
71 29.2 25.4 38.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.135 min Scan# 1335
Delta R.T. -0.003 min
Lab File: BG056353.D
Acq: 19 Jan 2023 19:06

Tgt Ion: 136 Resp: 131125
Ion Ratio Lower Upper
136 100
137 12.4 9.4 14.0
54 2.5 2.2 3.2
68 3.5 3.4 5.0





#23

Nitrobenzene-d5

Concen: 56.369 ng

RT: 9.478 min Scan# 1053

Delta R.T. -0.009 min

Lab File: BG056353.D

Acq: 19 Jan 2023 19:06

Instrument :

BNA_G

ClientSampleId :

BORING-2

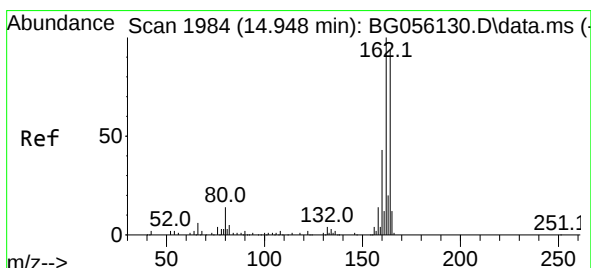
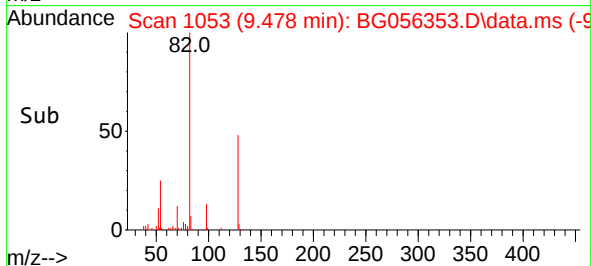
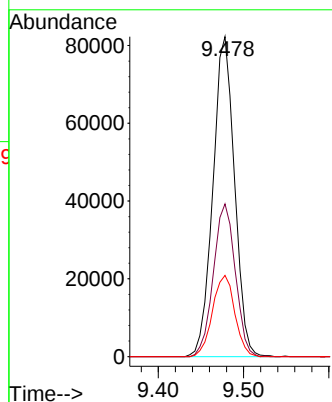
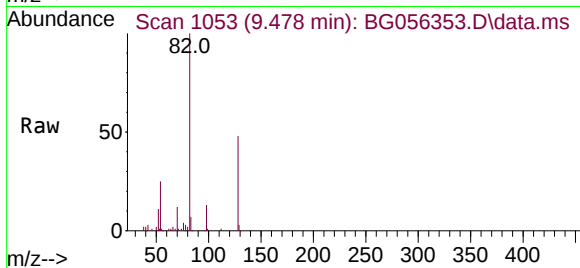
Tgt Ion: 82 Resp: 144499

Ion Ratio Lower Upper

82 100

128 47.7 33.4 50.2

54 25.4 20.3 30.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.919 min Scan# 1979

Delta R.T. -0.003 min

Lab File: BG056353.D

Acq: 19 Jan 2023 19:06

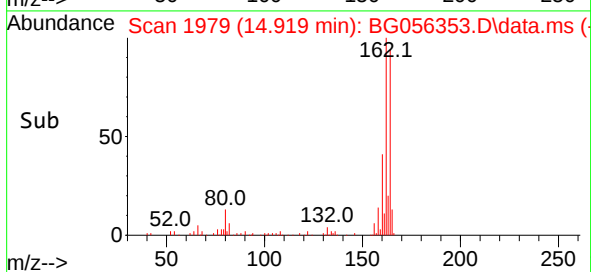
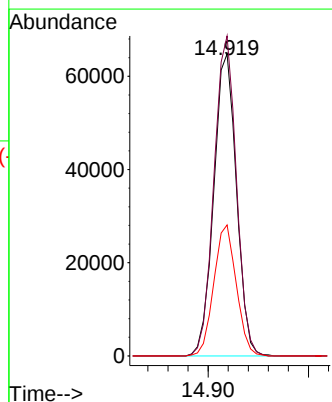
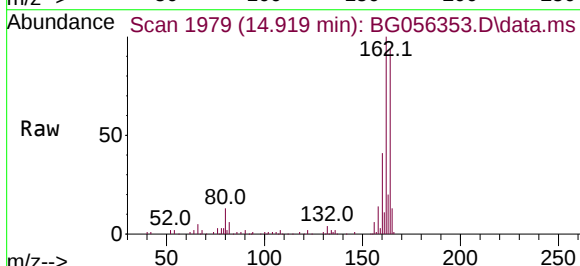
Tgt Ion: 164 Resp: 101854

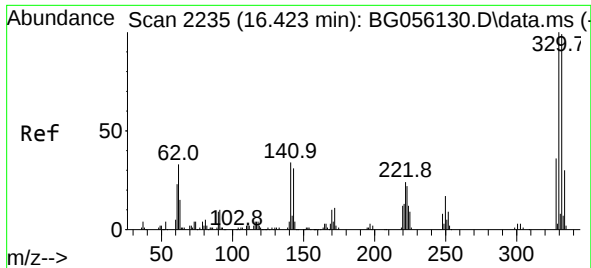
Ion Ratio Lower Upper

164 100

162 105.9 84.7 127.1

160 43.4 36.3 54.5

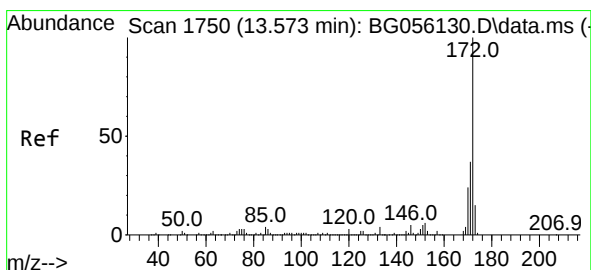
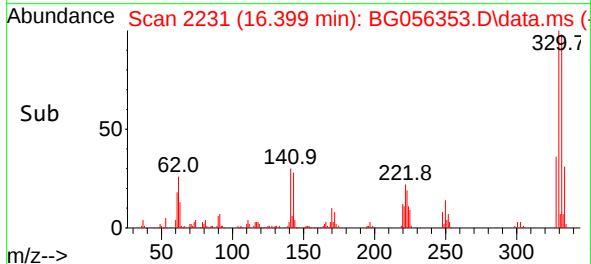
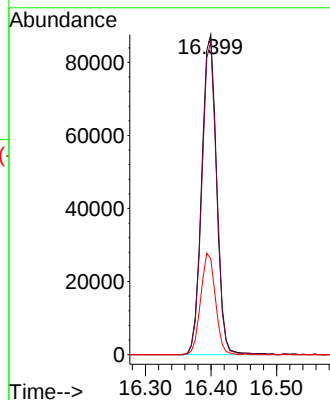
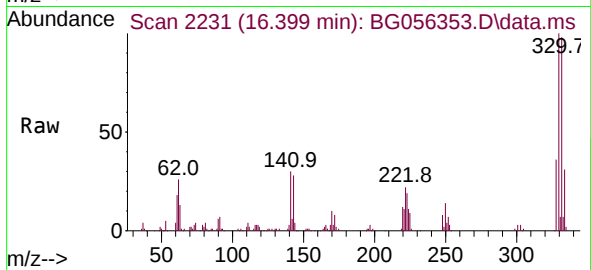




#42
 2,4,6-Tribromophenol
 Concen: 106.476 ng
 RT: 16.399 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: BG056353.D
 Acq: 19 Jan 2023 19:06

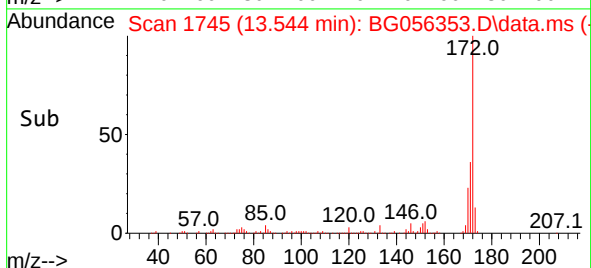
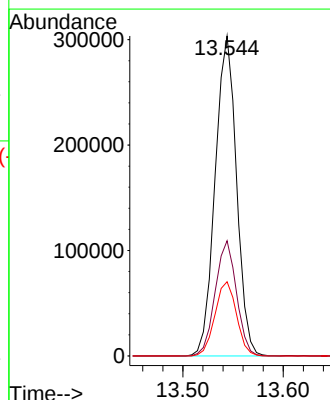
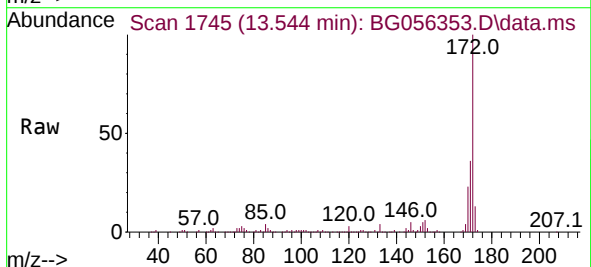
Instrument :
 BNA_G
 ClientSampleId :
 BORING-2

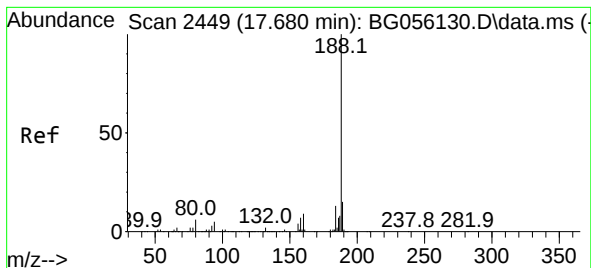
Tgt Ion:330 Resp: 137350
 Ion Ratio Lower Upper
 330 100
 332 96.8 77.3 115.9
 141 31.2 27.9 41.9



#45
 2-Fluorobiphenyl
 Concen: 60.915 ng
 RT: 13.544 min Scan# 1745
 Delta R.T. -0.003 min
 Lab File: BG056353.D
 Acq: 19 Jan 2023 19:06

Tgt Ion:172 Resp: 449301
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.6 44.4
 170 23.2 19.4 29.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.657 min Scan# 2445

Delta R.T. -0.003 min

Lab File: BG056353.D

Acq: 19 Jan 2023 19:06

Instrument :

BNA_G

ClientSampleId :

BORING-2

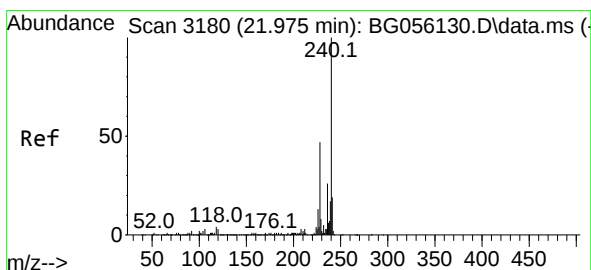
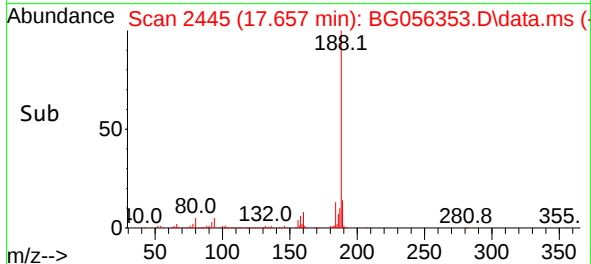
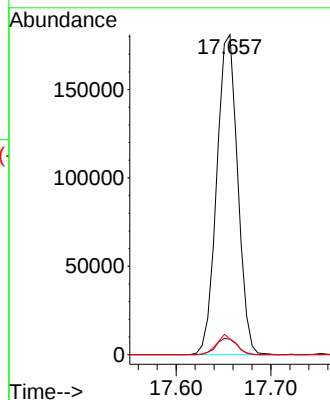
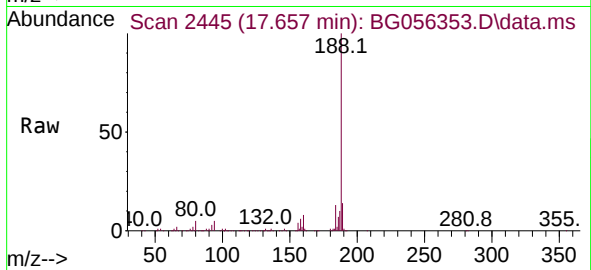
Tgt Ion:188 Resp: 277622

Ion Ratio Lower Upper

188 100

94 4.8 4.2 6.2

80 4.9 5.0 7.4#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.946 min Scan# 3175

Delta R.T. -0.009 min

Lab File: BG056353.D

Acq: 19 Jan 2023 19:06

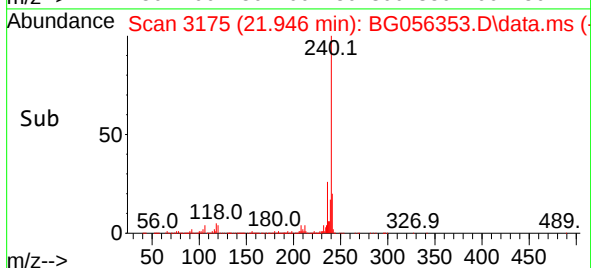
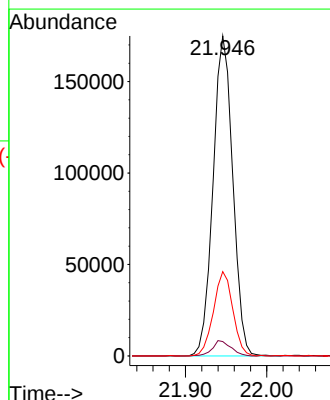
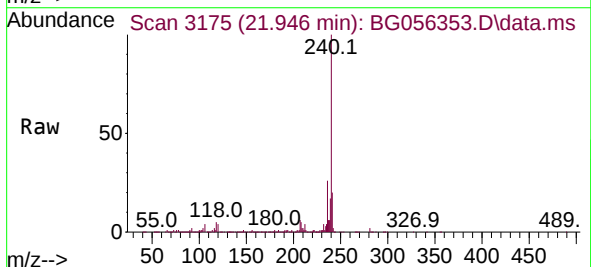
Tgt Ion:240 Resp: 294890

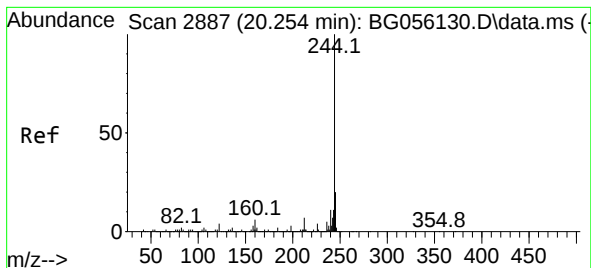
Ion Ratio Lower Upper

240 100

120 4.5 2.6 4.0#

236 26.3 20.8 31.2





#79

Terphenyl-d14

Concen: 61.524 ng

RT: 20.230 min Scan# 2883

Delta R.T. -0.003 min

Lab File: BG056353.D

Acq: 19 Jan 2023 19:06

Instrument :

BNA_G

ClientSampleId :

BORING-2

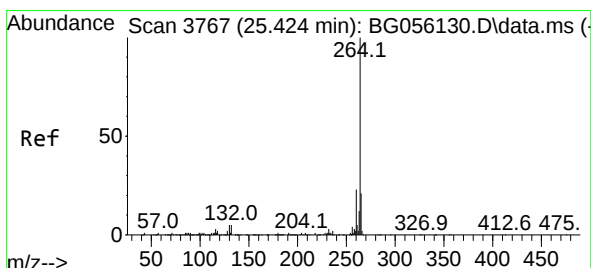
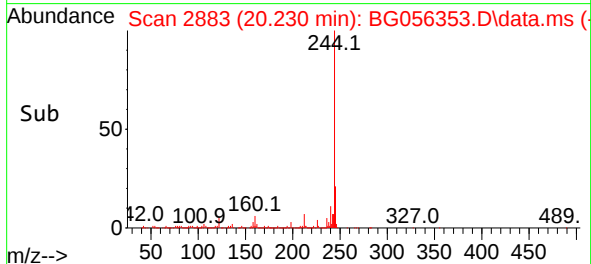
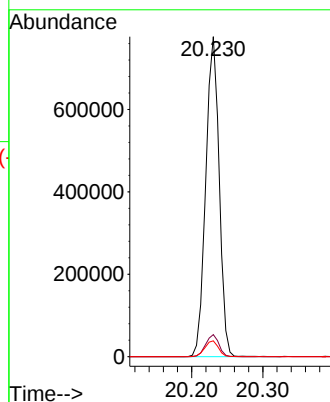
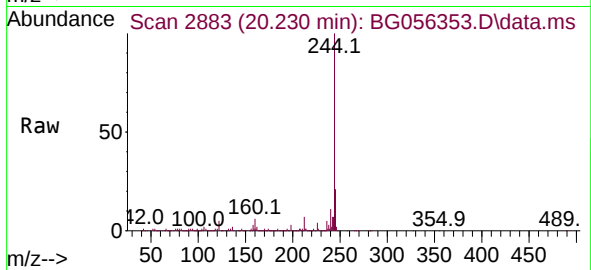
Tgt Ion:244 Resp: 1012977

Ion Ratio Lower Upper

244 100

212 6.9 5.7 8.5

122 4.9 3.5 5.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.389 min Scan# 3761

Delta R.T. -0.003 min

Lab File: BG056353.D

Acq: 19 Jan 2023 19:06

Tgt Ion:264 Resp: 318085

Ion Ratio Lower Upper

264 100

260 24.3 18.6 28.0

265 22.2 16.7 25.1

