

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012023\
 Data File : BG056365.D
 Acq On : 20 Jan 2023 13:13
 Operator : CG/JU
 Sample : 01217-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BORING-4

Quant Time: Jan 22 23:59:04 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	8.302	152	35418	20.000	ng	0.00
21) Naphthalene-d8	11.134	136	122550	20.000	ng	0.00
39) Acenaphthene-d10	14.918	164	93139	20.000	ng	0.00
64) Phenanthrene-d10	17.656	188	267106	20.000	ng	0.00
76) Chrysene-d12	21.951	240	280180	20.000	ng	# 0.00
86) Perylene-d12	25.388	264	301100	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.829	112	252209	127.144	ng	0.00
7) Phenol-d6	7.445	99	303974	99.784	ng	0.00
23) Nitrobenzene-d5	9.477	82	193643	80.825	ng	0.00
42) 2,4,6-Tribromophenol	16.405	330	194052	164.508	ng	0.00
45) 2-Fluorobiphenyl	13.543	172	598315	88.707	ng	0.00
79) Terphenyl-d14	20.230	244	1393954	89.109	ng	0.00

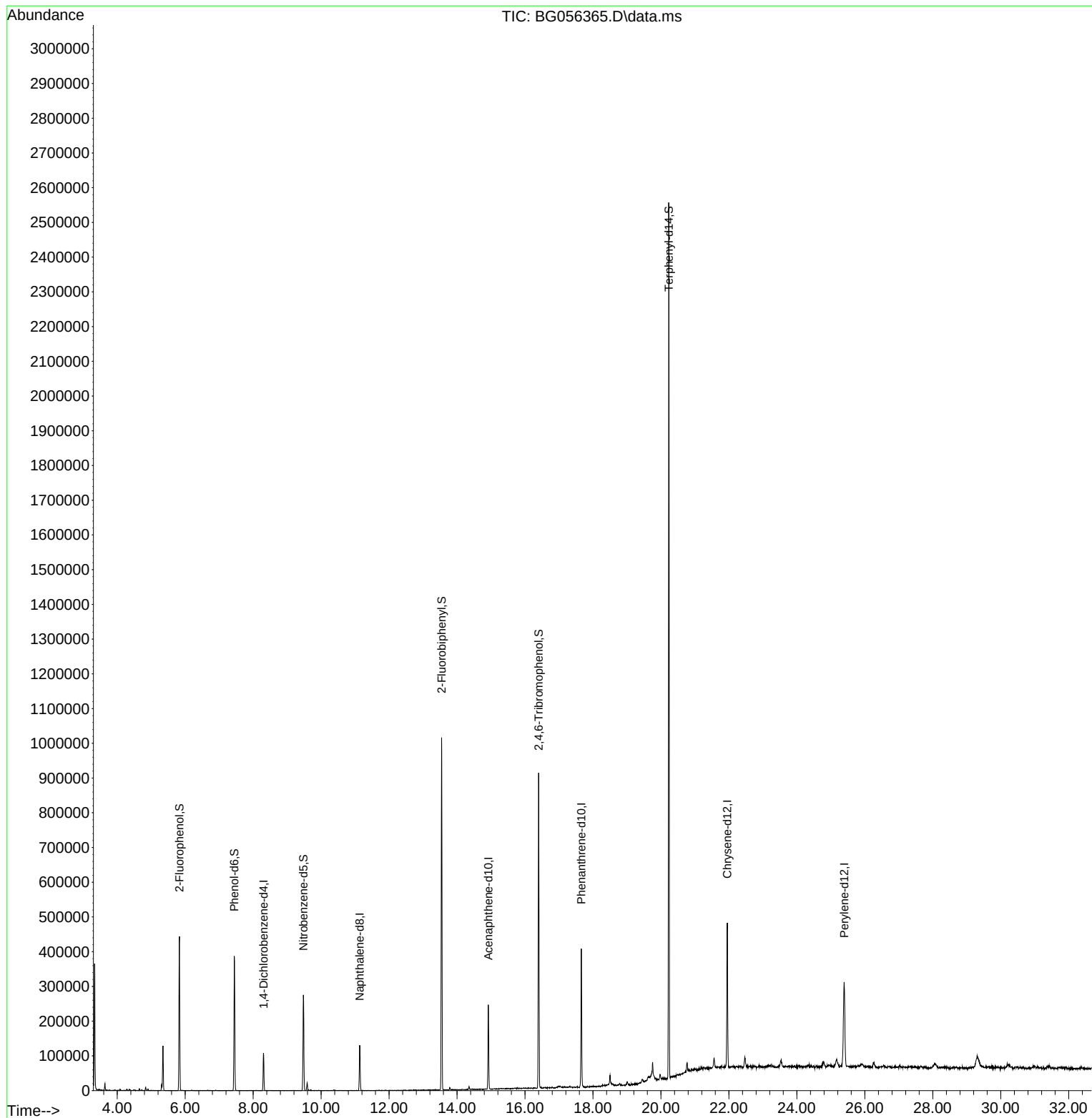
Target Compounds Qvalue

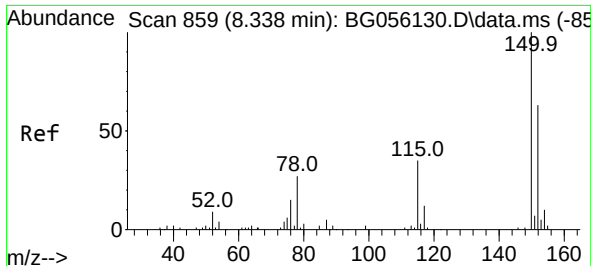
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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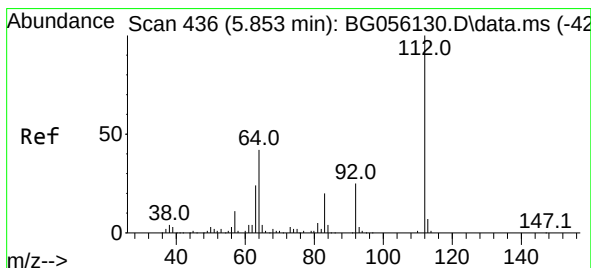
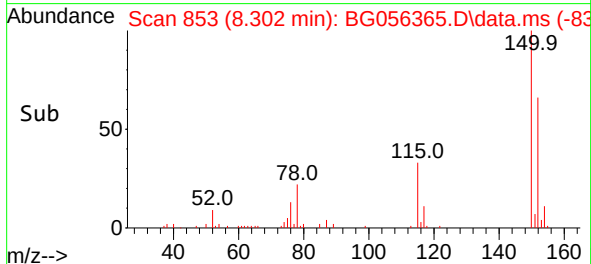
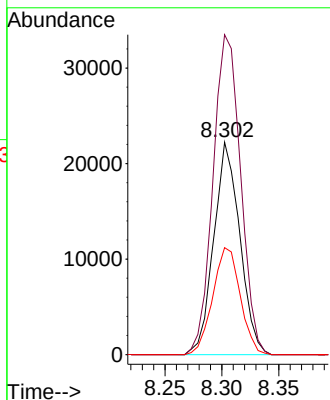
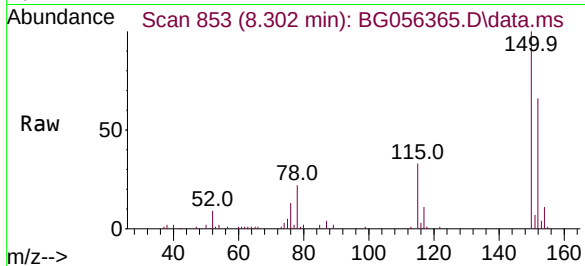




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.302 min Scan# 81
Delta R.T. -0.004 min
Lab File: BG056365.D
Acq: 20 Jan 2023 13:13

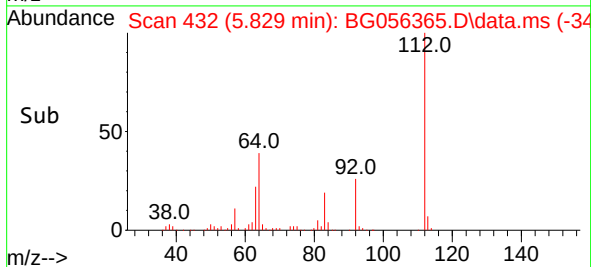
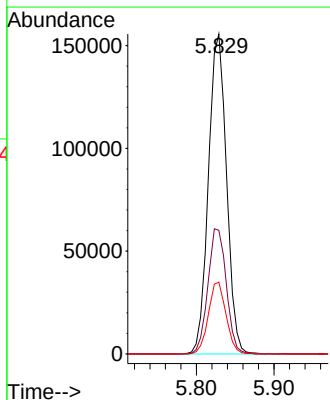
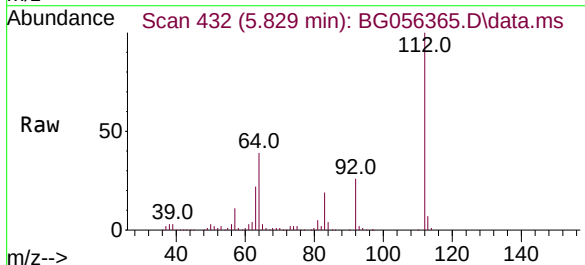
Instrument :
BNA_G
ClientSampleId :
BORING-4

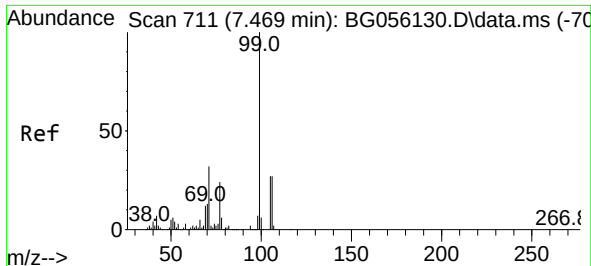
Tgt Ion:152 Resp: 35418
Ion Ratio Lower Upper
152 100
150 150.7 127.9 191.9
115 50.4 44.2 66.2



#5
2-Fluorophenol
Concen: 127.144 ng
RT: 5.829 min Scan# 432
Delta R.T. 0.002 min
Lab File: BG056365.D
Acq: 20 Jan 2023 13:13

Tgt Ion:112 Resp: 252209
Ion Ratio Lower Upper
112 100
64 38.6 33.3 49.9
63 22.4 19.0 28.4

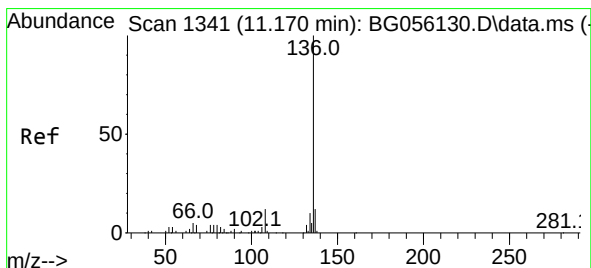
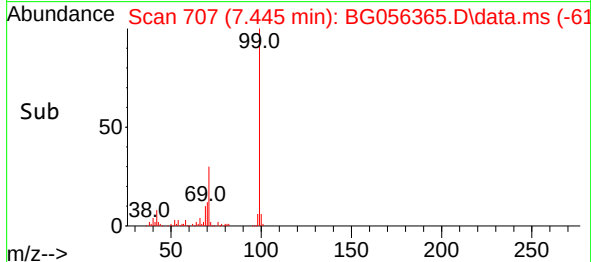
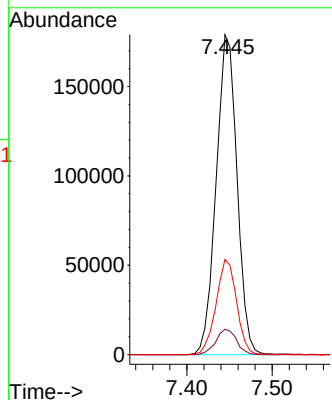
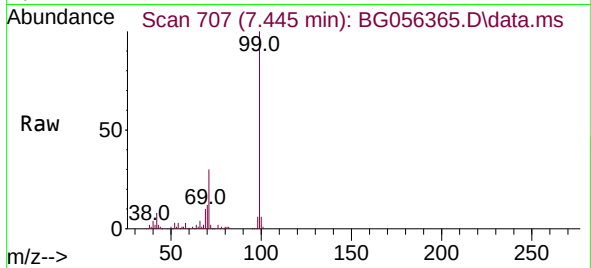




#7
Phenol-d6
Concen: 99.784 ng
RT: 7.445 min Scan# 70
Delta R.T. -0.003 min
Lab File: BG056365.D
Acq: 20 Jan 2023 13:13

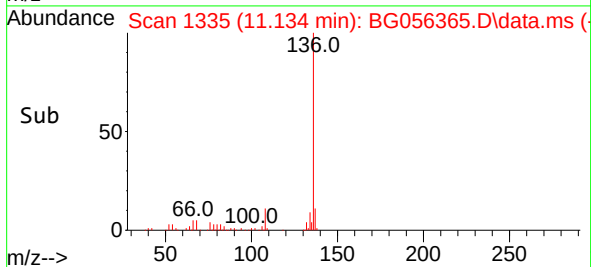
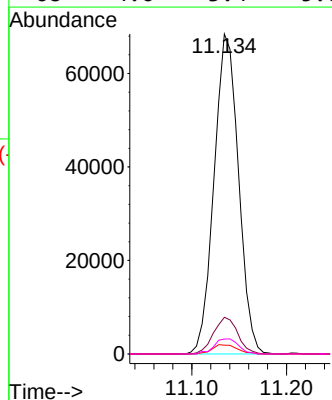
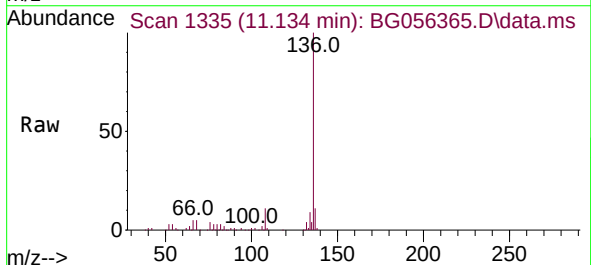
Instrument :
BNA_G
ClientSampleId :
BORING-4

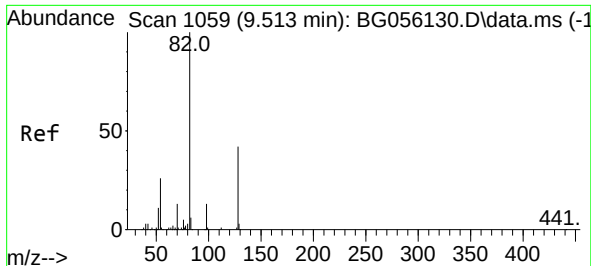
Tgt Ion: 99 Resp: 303974
Ion Ratio Lower Upper
99 100
42 7.9 5.9 8.9
71 29.7 25.4 38.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.134 min Scan# 1335
Delta R.T. -0.004 min
Lab File: BG056365.D
Acq: 20 Jan 2023 13:13

Tgt Ion: 136 Resp: 122550
Ion Ratio Lower Upper
136 100
137 11.4 9.4 14.0
54 2.7 2.2 3.2
68 4.6 3.4 5.0





#23

Nitrobenzene-d5

Concen: 80.825 ng

RT: 9.477 min Scan# 1053

Delta R.T. -0.009 min

Lab File: BG056365.D

Acq: 20 Jan 2023 13:13

Instrument :

BNA_G

ClientSampleId :

BORING-4

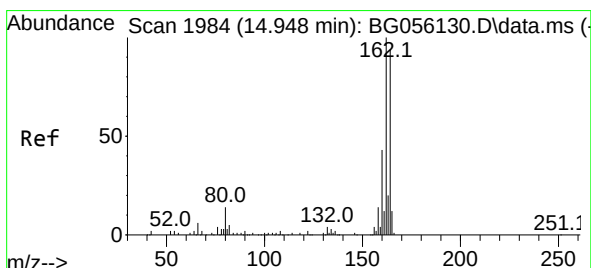
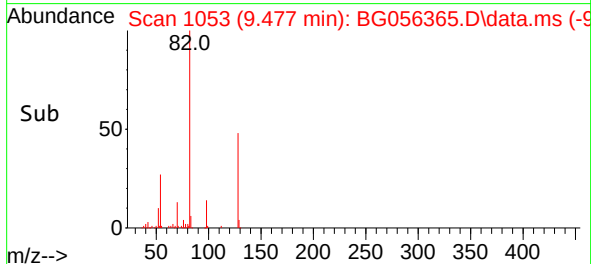
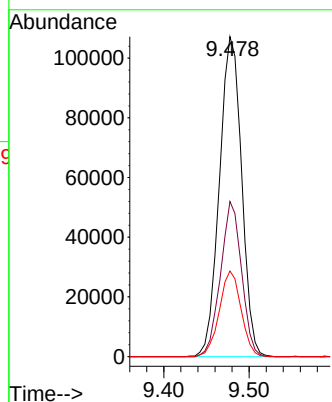
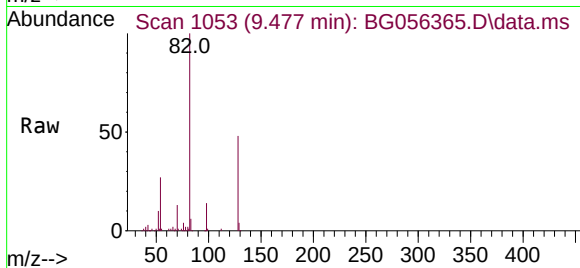
Tgt Ion: 82 Resp: 193643

Ion Ratio Lower Upper

82 100

128 48.5 33.4 50.2

54 26.7 20.3 30.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.918 min Scan# 1979

Delta R.T. -0.004 min

Lab File: BG056365.D

Acq: 20 Jan 2023 13:13

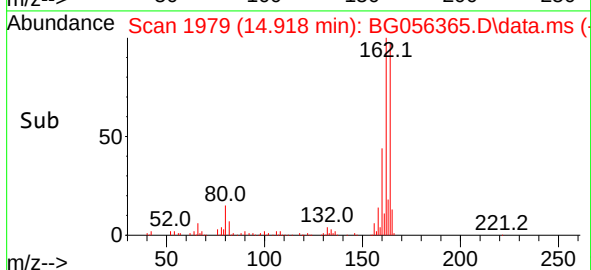
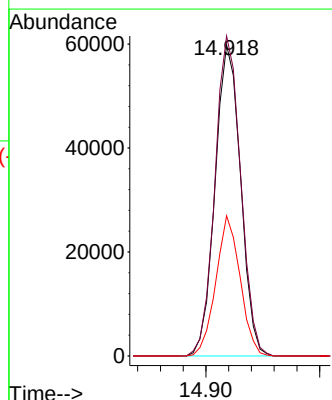
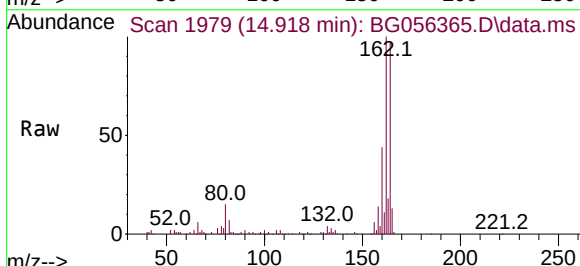
Tgt Ion:164 Resp: 93139

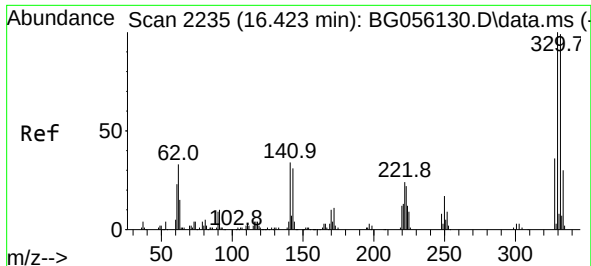
Ion Ratio Lower Upper

164 100

162 102.9 84.7 127.1

160 45.0 36.3 54.5





#42

2,4,6-Tribromophenol

Concen: 164.508 ng

RT: 16.405 min Scan# 21

Delta R.T. 0.002 min

Lab File: BG056365.D

Acq: 20 Jan 2023 13:13

Instrument :

BNA_G

ClientSampleId :

BORING-4

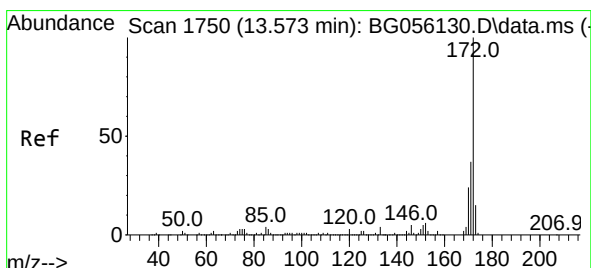
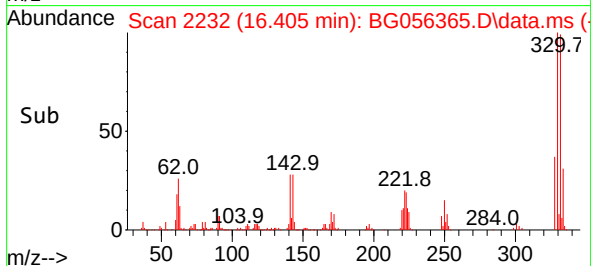
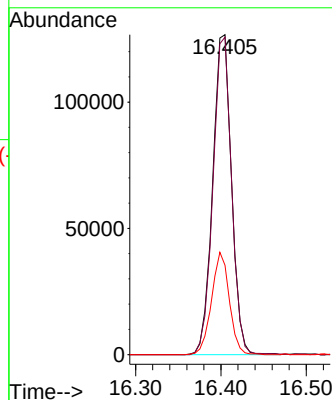
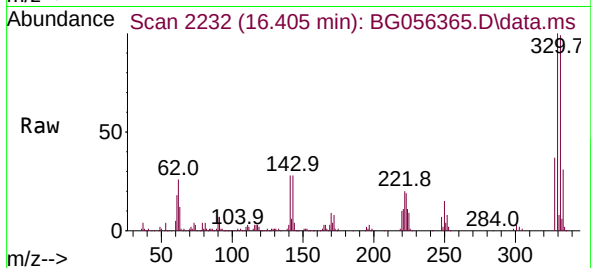
Tgt Ion:330 Resp: 194052

Ion Ratio Lower Upper

330 100

332 97.9 77.3 115.9

141 30.2 27.9 41.9



#45

2-Fluorobiphenyl

Concen: 88.707 ng

RT: 13.543 min Scan# 1745

Delta R.T. -0.004 min

Lab File: BG056365.D

Acq: 20 Jan 2023 13:13

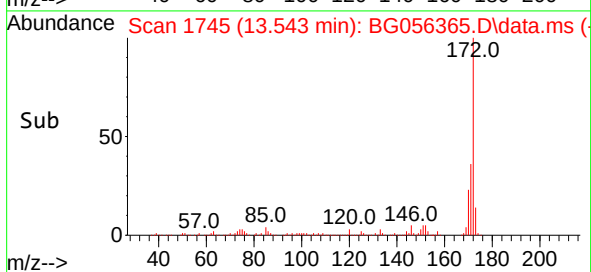
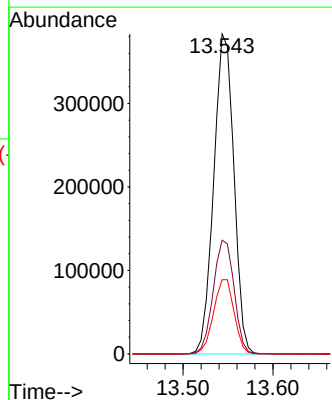
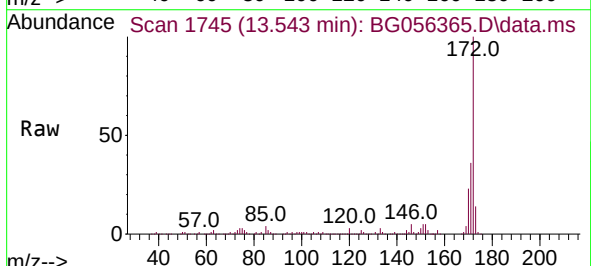
Tgt Ion:172 Resp: 598315

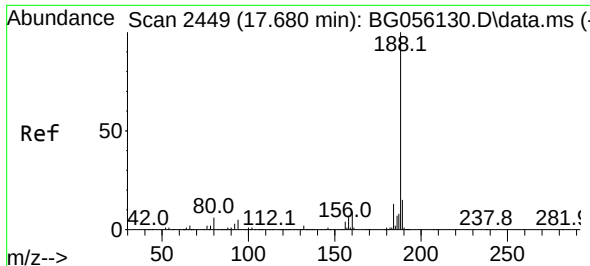
Ion Ratio Lower Upper

172 100

171 35.5 29.6 44.4

170 23.2 19.4 29.2

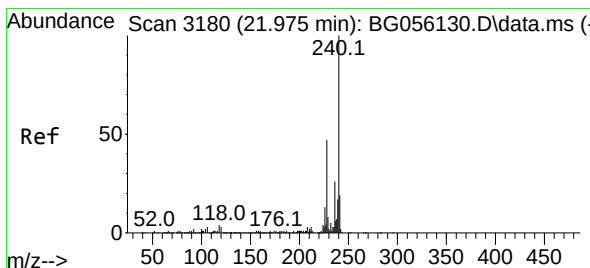
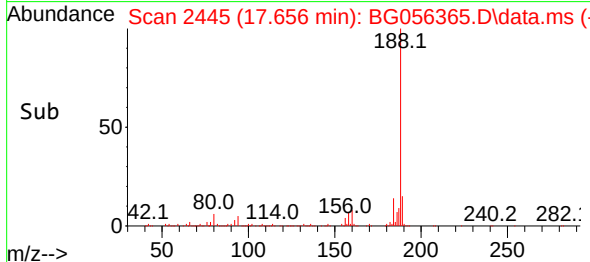
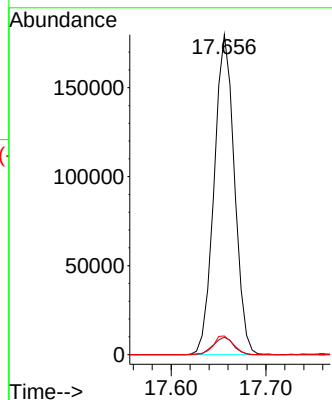
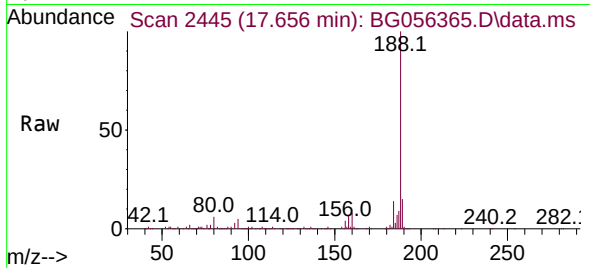




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.656 min Scan# 2445
Delta R.T. -0.003 min
Lab File: BG056365.D
Acq: 20 Jan 2023 13:13

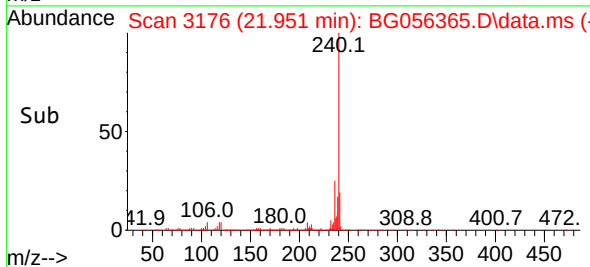
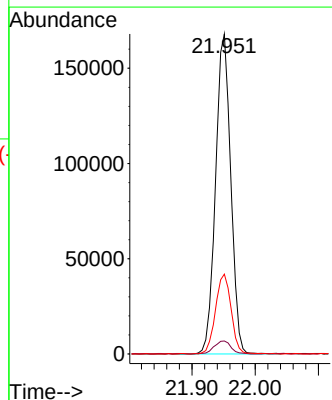
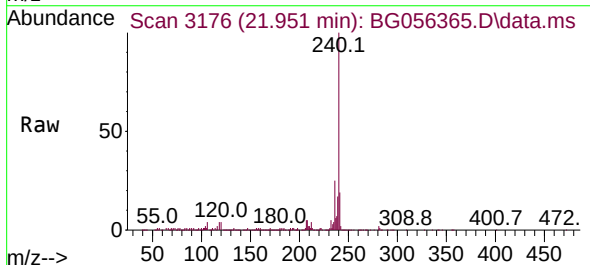
Instrument :
BNA_G
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BORING-4

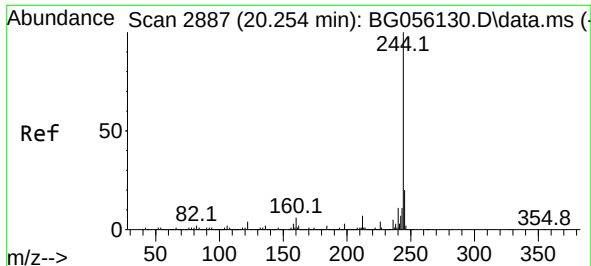
Tgt Ion:188 Resp: 267106
Ion Ratio Lower Upper
188 100
94 5.4 4.2 6.2
80 5.8 5.0 7.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.951 min Scan# 3176
Delta R.T. -0.004 min
Lab File: BG056365.D
Acq: 20 Jan 2023 13:13

Tgt Ion:240 Resp: 280180
Ion Ratio Lower Upper
240 100
120 4.0 2.6 4.0#
236 24.9 20.8 31.2

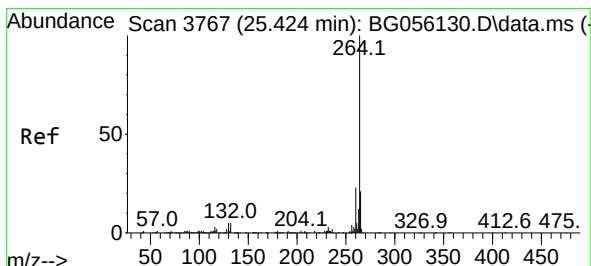
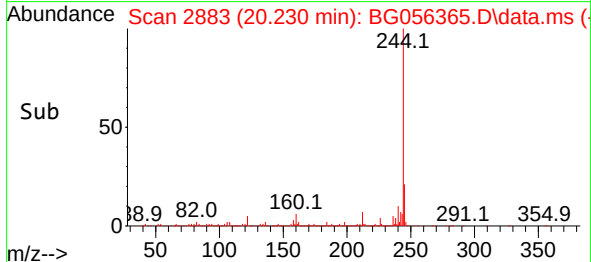
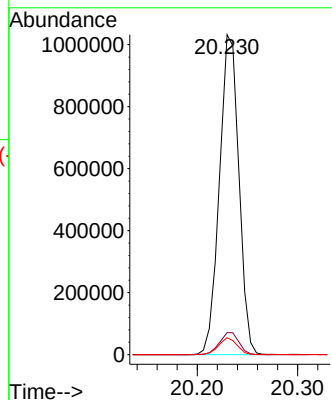
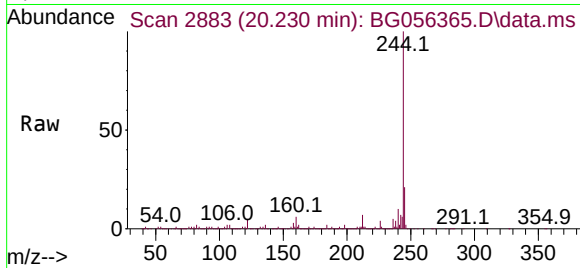




#79
 Terphenyl-d14
 Concen: 89.109 ng
 RT: 20.230 min Scan# 2883
 Delta R.T. -0.003 min
 Lab File: BG056365.D
 Acq: 20 Jan 2023 13:13

Instrument :
 BNA_G
 ClientSampleId :
 BORING-4

Tgt Ion:244 Resp: 1393954
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.7 8.5
 122 5.3 3.5 5.3#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.388 min Scan# 3761
 Delta R.T. -0.004 min
 Lab File: BG056365.D
 Acq: 20 Jan 2023 13:13

Tgt Ion:264 Resp: 301100
 Ion Ratio Lower Upper
 264 100
 260 24.1 18.6 28.0
 265 23.5 16.7 25.1

