

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012023\
 Data File : BG056366.D
 Acq On : 20 Jan 2023 13:53
 Operator : CG/JU
 Sample : 01217-15
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BORING-2

Quant Time: Jan 22 23:59:16 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)

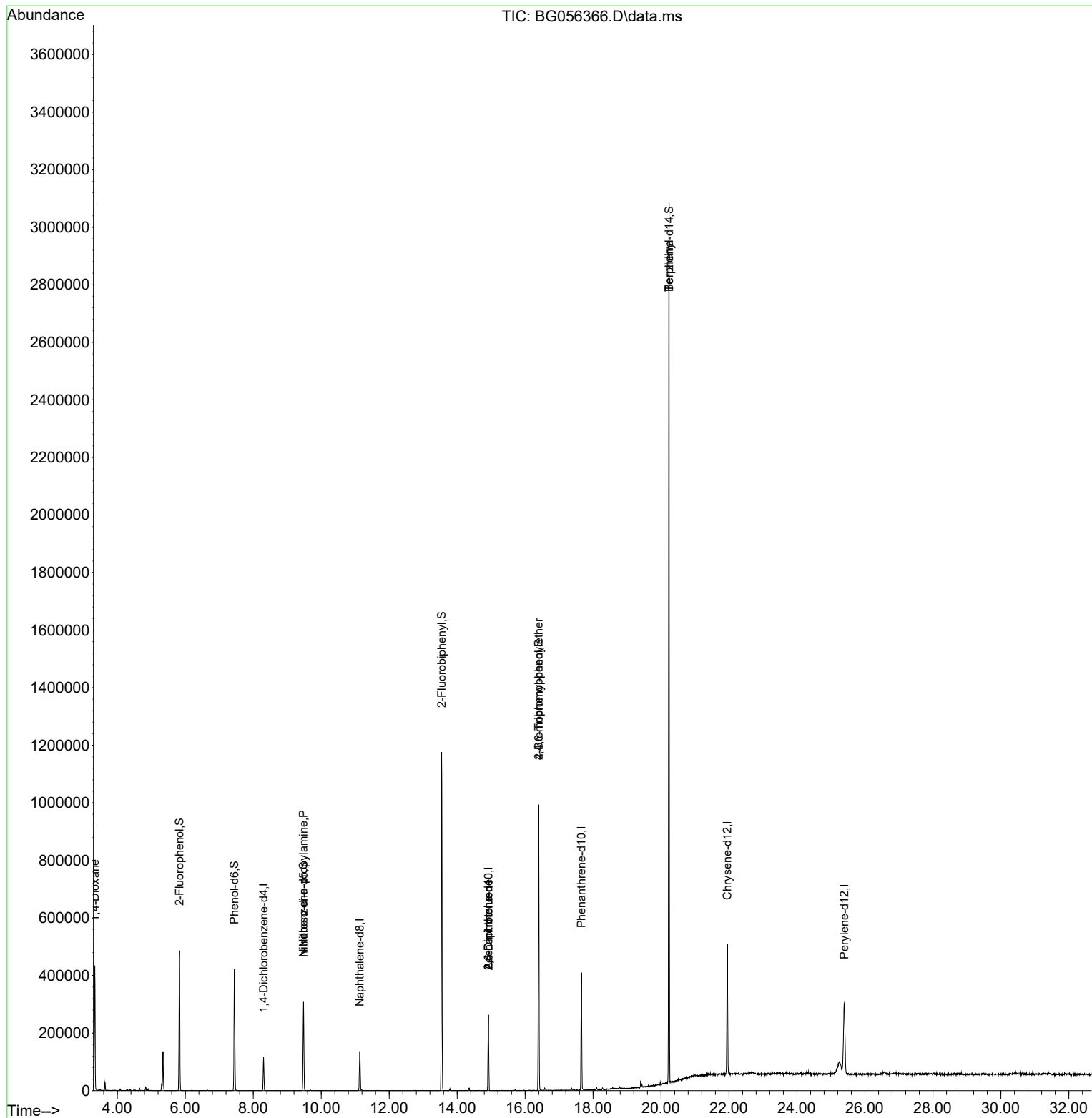
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.302	152	38240	20.000	ng	0.00
21) Naphthalene-d8	11.134	136	132221	20.000	ng	0.00
39) Acenaphthene-d10	14.918	164	101764	20.000	ng	0.00
64) Phenanthrene-d10	17.656	188	286008	20.000	ng	0.00
76) Chrysene-d12	21.951	240	291652	20.000	ng	# 0.00
86) Perylene-d12	25.388	264	311009	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.829	112	273305	127.611	ng	0.00
7) Phenol-d6	7.445	99	329232	100.100	ng	0.00
23) Nitrobenzene-d5	9.478	82	213553	82.616	ng	0.00
42) 2,4,6-Tribromophenol	16.399	330	211080	163.777	ng	0.00
45) 2-Fluorobiphenyl	13.543	172	668866	90.763	ng	0.00
79) Terphenyl-d14	20.236	244	1628200	99.989	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.338	88	5908	6.039	ng	# 1
19) n-Nitroso-di-n-propyla...	9.478	70	26252	13.126	ng	# 76
51) 2,6-Dinitrotoluene	14.918	165	13532	7.731	ng	# 33
57) 2,4-Dinitrotoluene	14.918	165	13532	5.528	ng	# 30
67) 4-Bromophenyl-phenylether	16.399	248	16348	4.489	ng	# 1
77) Benzidine	20.236	184	22702	2.221	ng	# 93

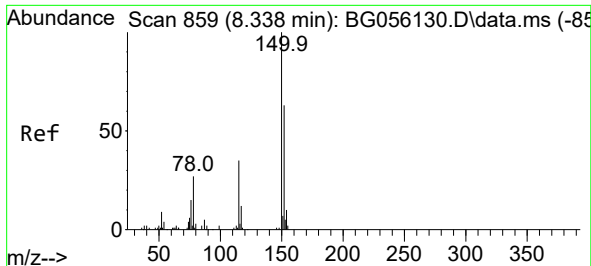
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012023\
Data File : BG056366.D
Acq On : 20 Jan 2023 13:53
Operator : CG/JU
Sample : 01217-15
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BORING-2

Quant Time: Jan 22 23:59:16 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

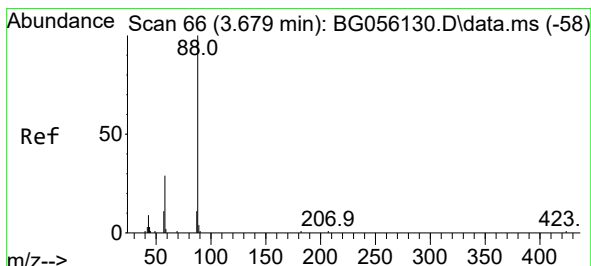
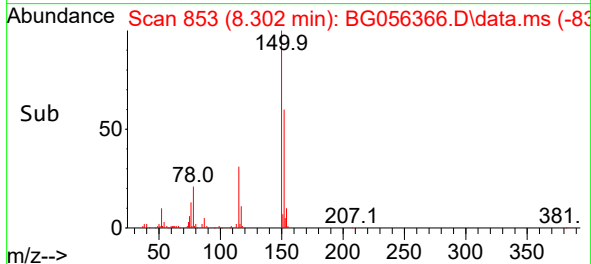
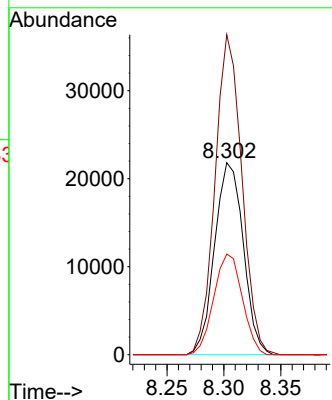
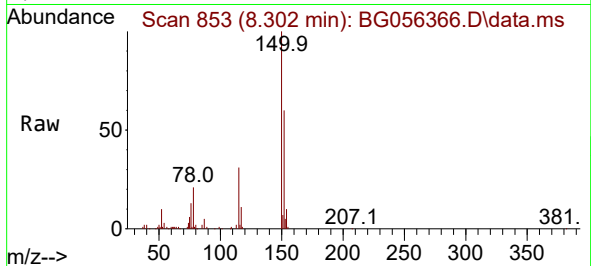




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.302 min Scan# 8
 Delta R.T. -0.004 min
 Lab File: BG056366.D
 Acq: 20 Jan 2023 13:53

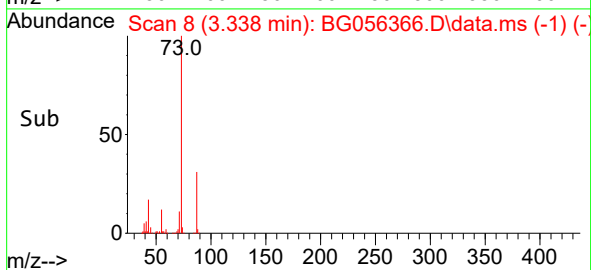
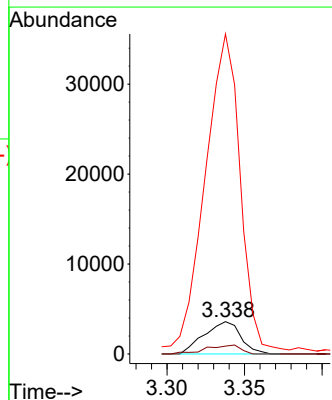
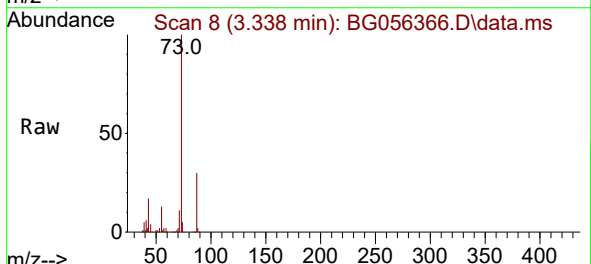
Instrument :
 BNA_G
 ClientSampleId :
 BORING-2

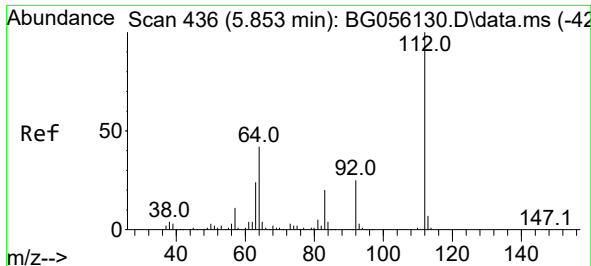
Tgt Ion:152 Resp: 38240
 Ion Ratio Lower Upper
 152 100
 150 166.6 127.9 191.9
 115 52.4 44.2 66.2



#2
 1,4-Dioxane
 Concen: 6.039 ng
 RT: 3.338 min Scan# 8
 Delta R.T. -0.297 min
 Lab File: BG056366.D
 Acq: 20 Jan 2023 13:53

Tgt Ion: 88 Resp: 5908
 Ion Ratio Lower Upper
 88 100
 58 23.5 21.4 32.0
 43 907.1 7.1 10.7#

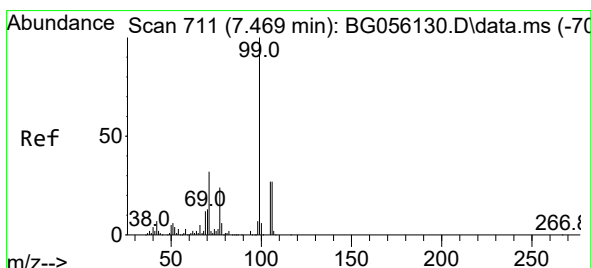
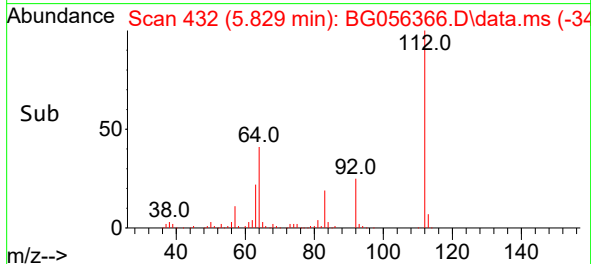
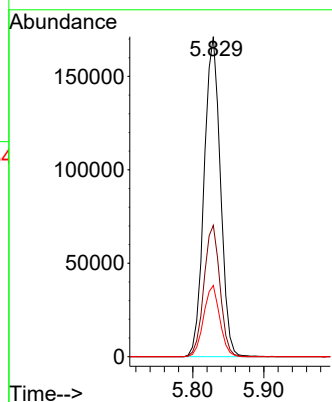
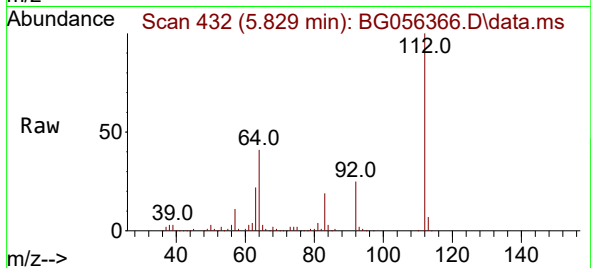




#5
2-Fluorophenol
Concen: 127.611 ng
RT: 5.829 min Scan# 41
Delta R.T. 0.002 min
Lab File: BG056366.D
Acq: 20 Jan 2023 13:53

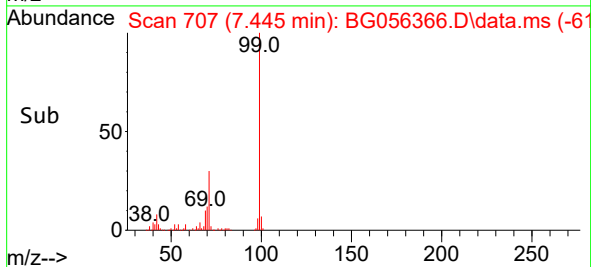
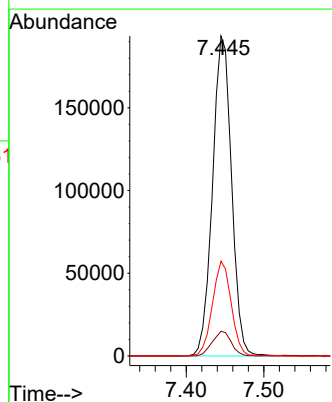
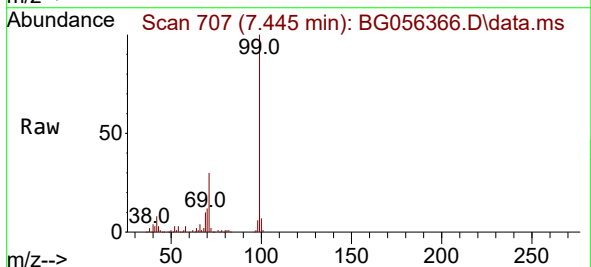
Instrument :
BNA_G
ClientSampleId :
BORING-2

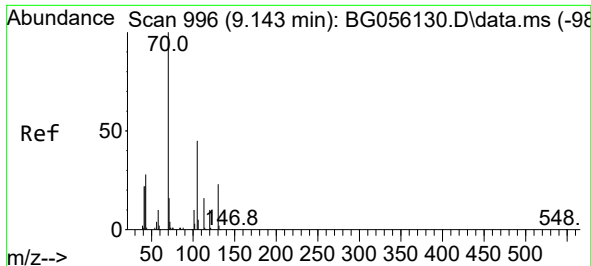
Tgt Ion:112 Resp: 273305
Ion Ratio Lower Upper
112 100
64 41.1 33.3 49.9
63 22.3 19.0 28.4



#7
Phenol-d6
Concen: 100.100 ng
RT: 7.445 min Scan# 707
Delta R.T. -0.003 min
Lab File: BG056366.D
Acq: 20 Jan 2023 13:53

Tgt Ion: 99 Resp: 329232
Ion Ratio Lower Upper
99 100
42 7.7 5.9 8.9
71 29.6 25.4 38.2

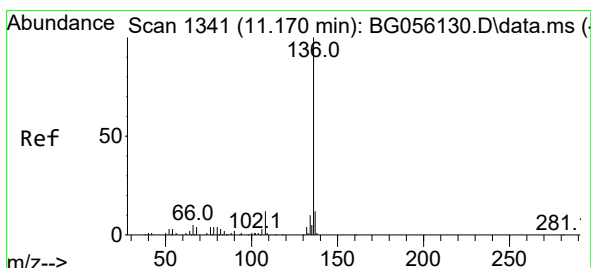
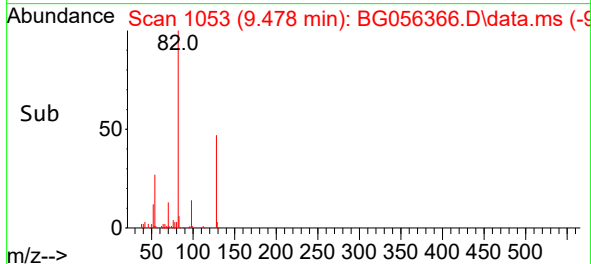
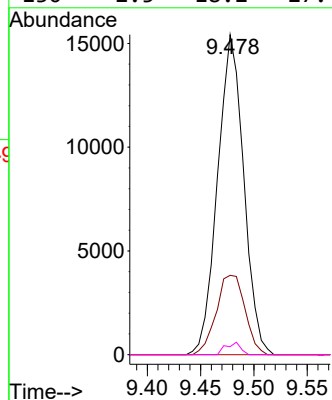
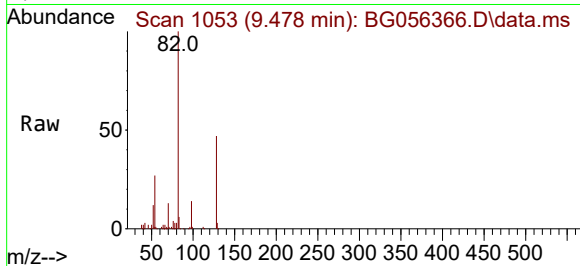




#19
n-Nitroso-di-n-propylamine
Concen: 13.126 ng
RT: 9.478 min Scan# 1053
Delta R.T. 0.367 min
Lab File: BG056366.D
Acq: 20 Jan 2023 13:53

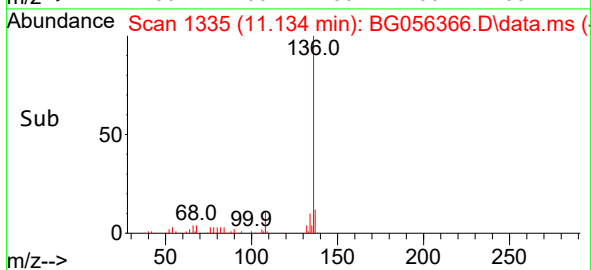
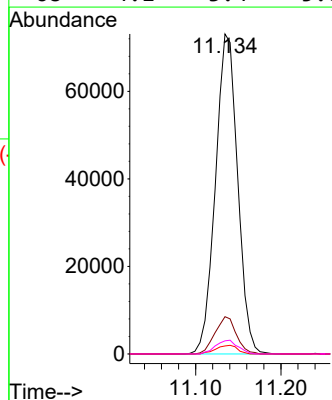
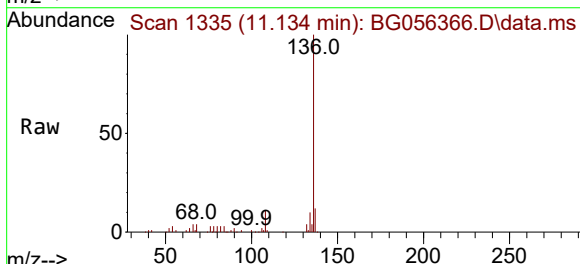
Instrument :
BNA_G
ClientSampleId :
BORING-2

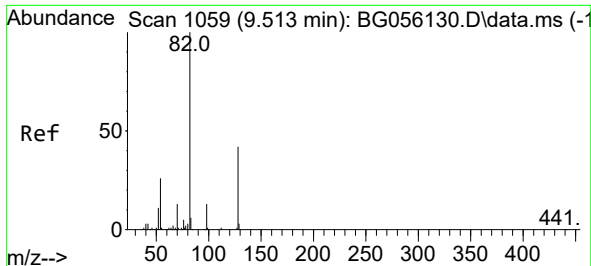
Tgt Ion:	70	Resp:	26252
Ion	Ratio	Lower	Upper
70	100		
42	24.8	18.2	27.2
101	0.0	8.3	12.5#
130	2.5	18.2	27.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.134 min Scan# 1335
Delta R.T. -0.003 min
Lab File: BG056366.D
Acq: 20 Jan 2023 13:53

Tgt Ion:	136	Resp:	132221
Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.4	14.0
54	2.5	2.2	3.2
68	4.1	3.4	5.0

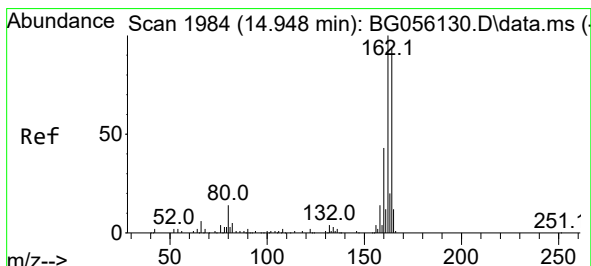
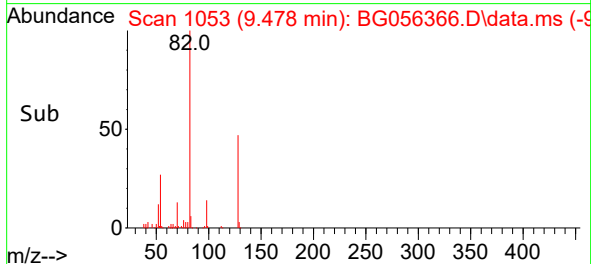
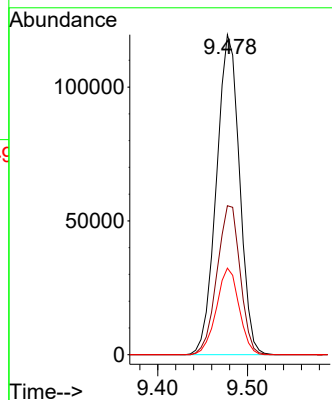
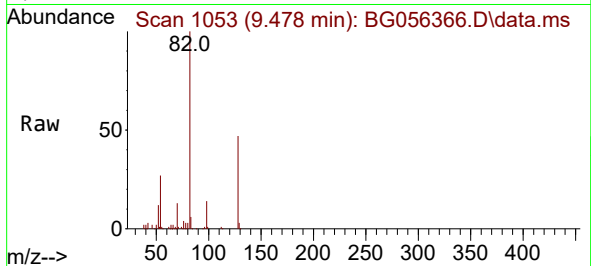




#23
Nitrobenzene-d5
Concen: 82.616 ng
RT: 9.478 min Scan# 1053
Delta R.T. -0.009 min
Lab File: BG056366.D
Acq: 20 Jan 2023 13:53

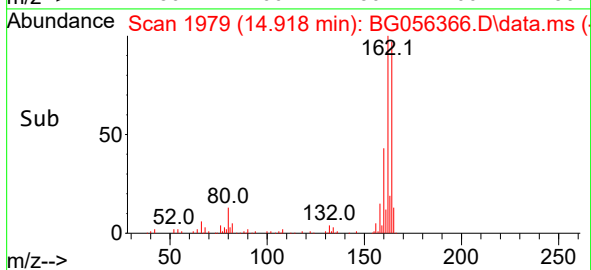
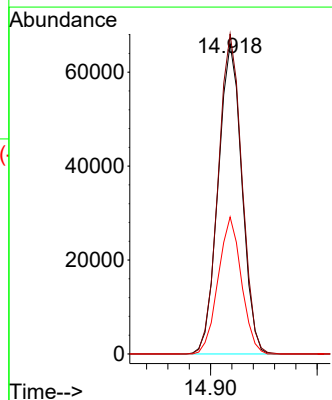
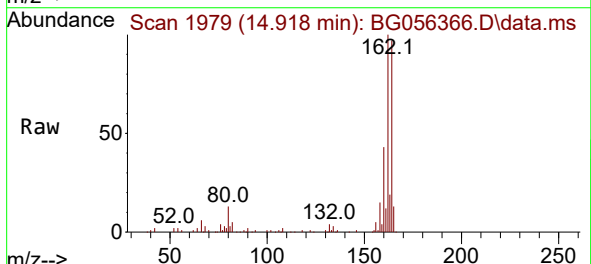
Instrument :
BNA_G
ClientSampleId :
BORING-2

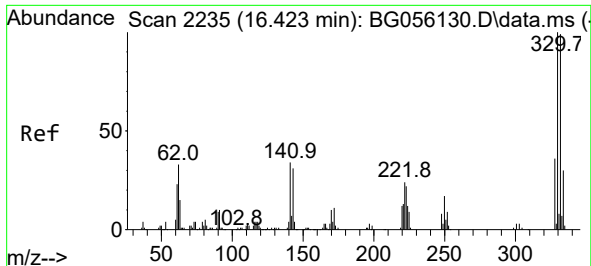
Tgt Ion: 82 Resp: 213553
Ion Ratio Lower Upper
82 100
128 46.6 33.4 50.2
54 27.0 20.3 30.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.918 min Scan# 1979
Delta R.T. -0.003 min
Lab File: BG056366.D
Acq: 20 Jan 2023 13:53

Tgt Ion: 164 Resp: 101764
Ion Ratio Lower Upper
164 100
162 103.1 84.7 127.1
160 44.2 36.3 54.5





#42

2,4,6-Tribromophenol

Concen: 163.777 ng

RT: 16.399 min Scan# 21

Delta R.T. -0.003 min

Lab File: BG056366.D

Acq: 20 Jan 2023 13:53

Instrument :

BNA_G

ClientSampleId :

BORING-2

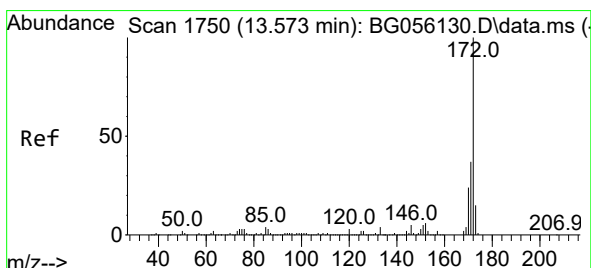
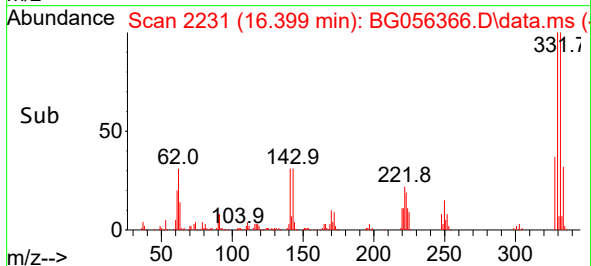
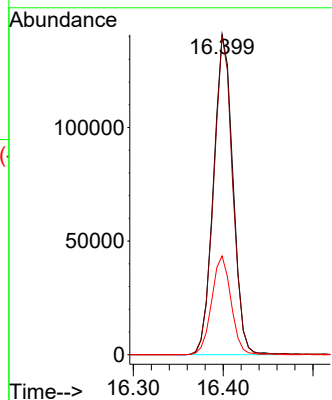
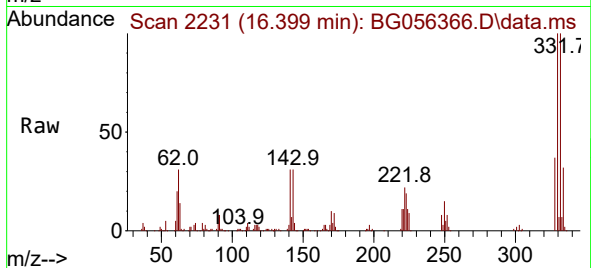
Tgt Ion:330 Resp: 211080

Ion Ratio Lower Upper

330 100

332 97.7 77.3 115.9

141 30.8 27.9 41.9



#45

2-Fluorobiphenyl

Concen: 90.763 ng

RT: 13.543 min Scan# 1745

Delta R.T. -0.003 min

Lab File: BG056366.D

Acq: 20 Jan 2023 13:53

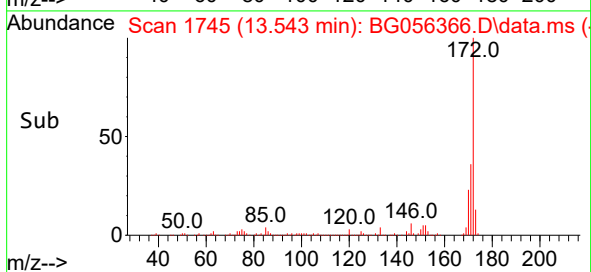
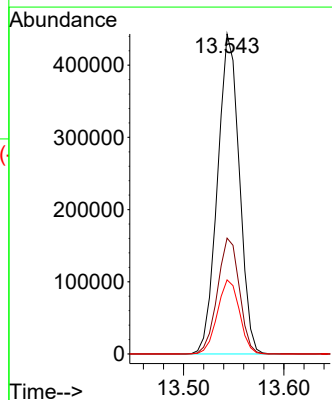
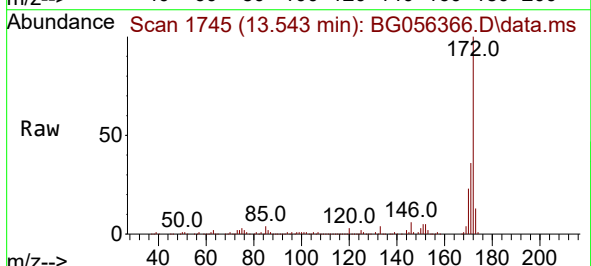
Tgt Ion:172 Resp: 668866

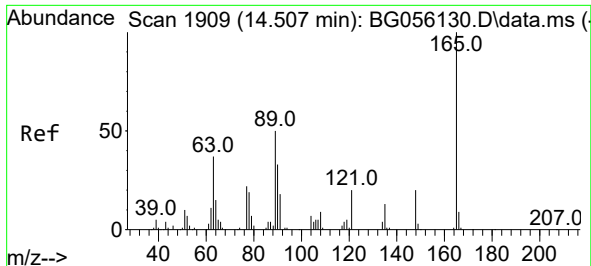
Ion Ratio Lower Upper

172 100

171 36.2 29.6 44.4

170 23.2 19.4 29.2

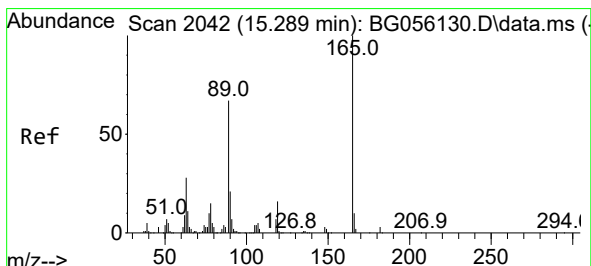
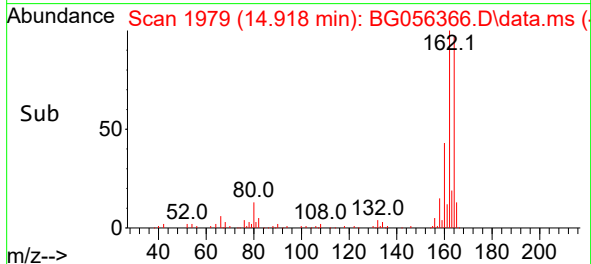
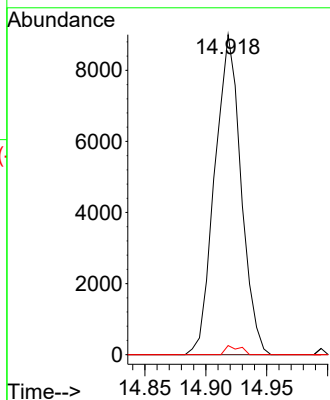
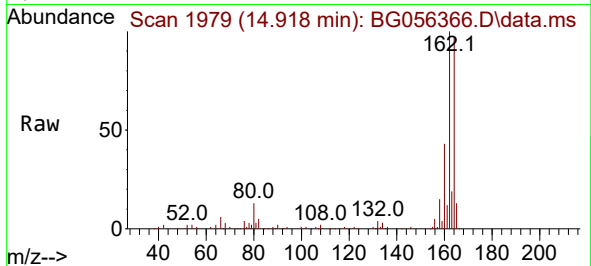




#51
2,6-Dinitrotoluene
Concen: 7.731 ng
RT: 14.918 min Scan# 1909
Delta R.T. 0.431 min
Lab File: BG056366.D
Acq: 20 Jan 2023 13:53

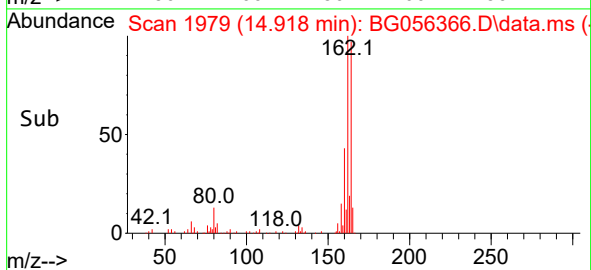
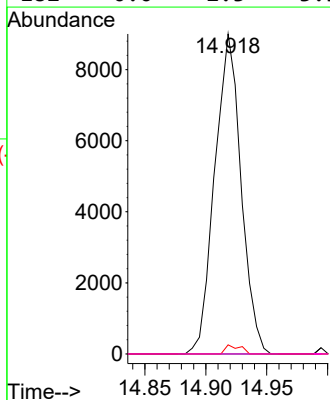
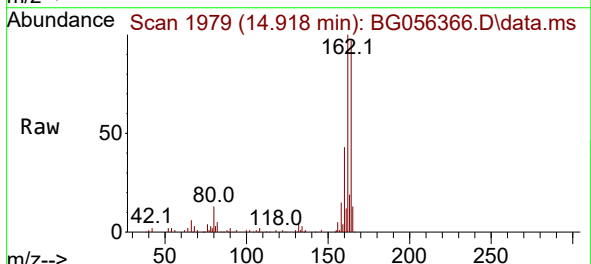
Instrument :
BNA_G
ClientSampleId :
BORING-2

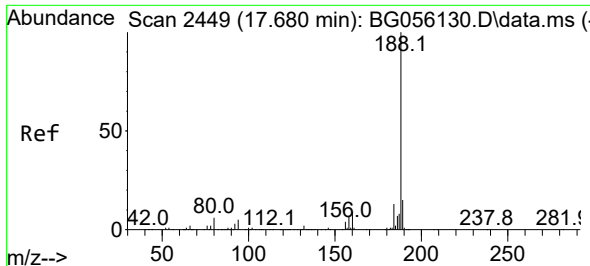
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	32.2	48.2#
89	2.8	39.8	59.8#



#57
2,4-Dinitrotoluene
Concen: 5.528 ng
RT: 14.918 min Scan# 1979
Delta R.T. -0.356 min
Lab File: BG056366.D
Acq: 20 Jan 2023 13:53

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	22.6	34.0#
89	2.8	53.2	79.8#
182	0.0	2.3	3.5#

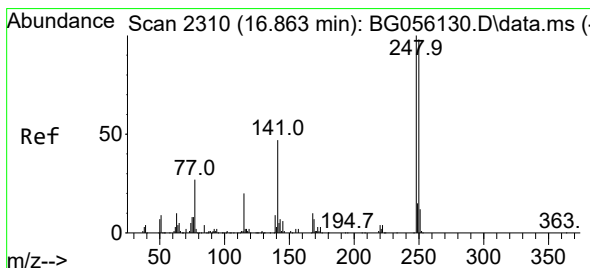
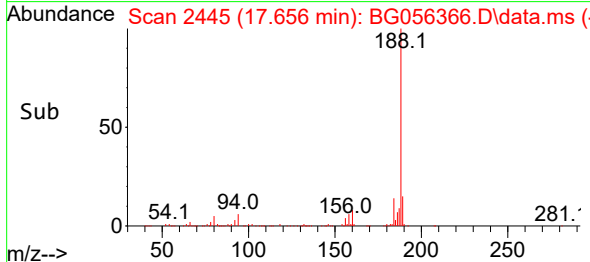
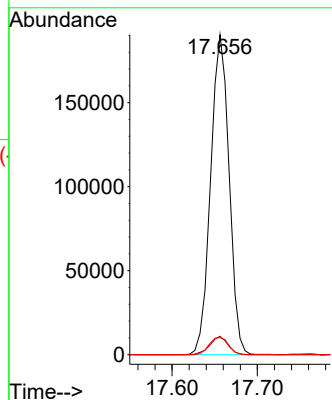
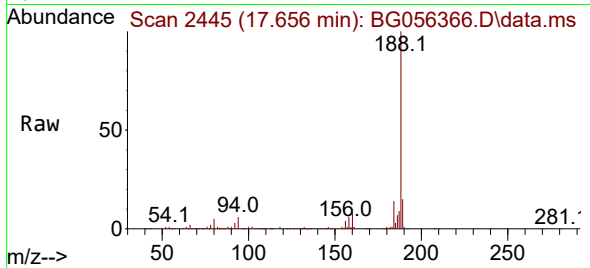




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.656 min Scan# 2449
Delta R.T. -0.003 min
Lab File: BG056366.D
Acq: 20 Jan 2023 13:53

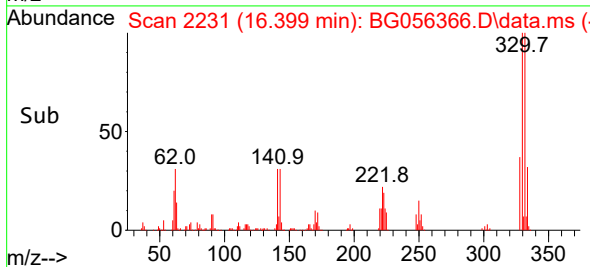
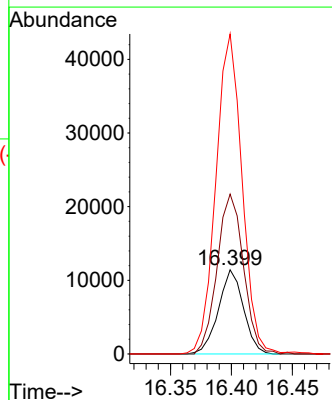
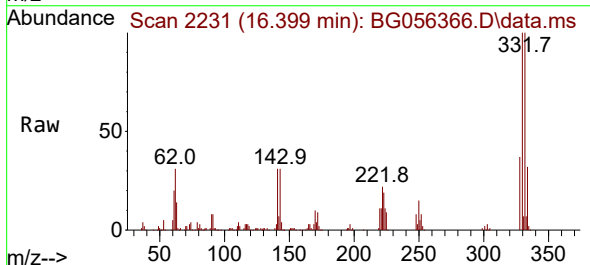
Instrument :
BNA_G
ClientSampleId :
BORING-2

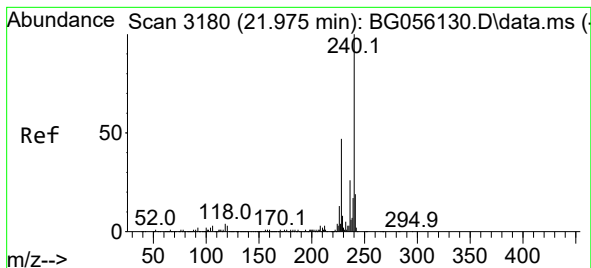
Tgt Ion:188 Resp: 286008
Ion Ratio Lower Upper
188 100
94 5.8 4.2 6.2
80 5.3 5.0 7.4



#67
4-Bromophenyl-phenylether
Concen: 4.489 ng
RT: 16.399 min Scan# 2231
Delta R.T. -0.438 min
Lab File: BG056366.D
Acq: 20 Jan 2023 13:53

Tgt Ion:248 Resp: 16348
Ion Ratio Lower Upper
248 100
250 248.3 78.2 117.4#
141 379.9 37.6 56.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.951 min Scan# 3180

Delta R.T. -0.003 min

Lab File: BG056366.D

Acq: 20 Jan 2023 13:53

Instrument :

BNA_G

ClientSampleId :

BORING-2

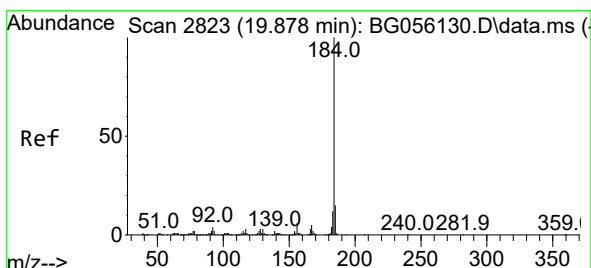
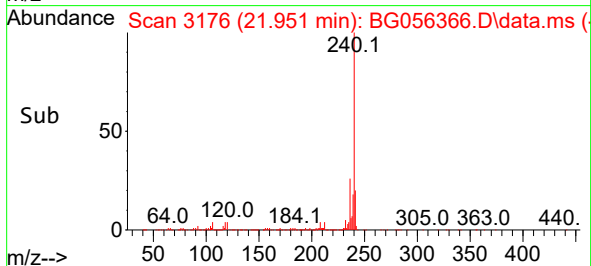
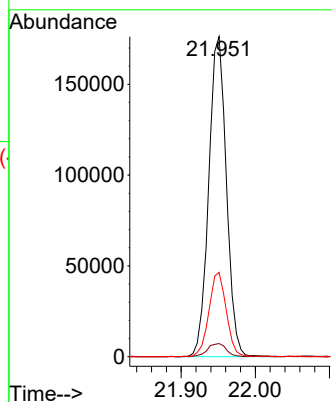
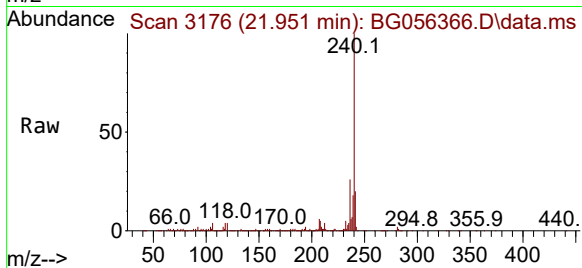
Tgt Ion:240 Resp: 291652

Ion Ratio Lower Upper

240 100

120 4.1 2.6 4.0#

236 26.3 20.8 31.2



#77

Benzidine

Concen: 2.221 ng

RT: 20.236 min Scan# 2884

Delta R.T. 0.378 min

Lab File: BG056366.D

Acq: 20 Jan 2023 13:53

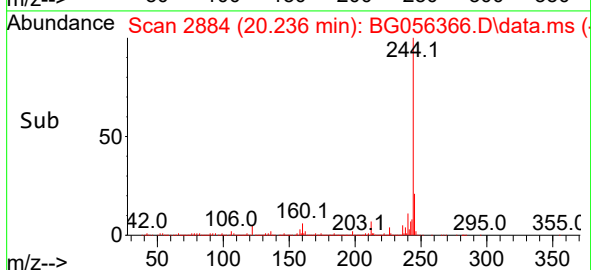
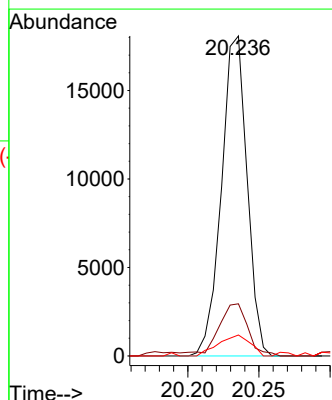
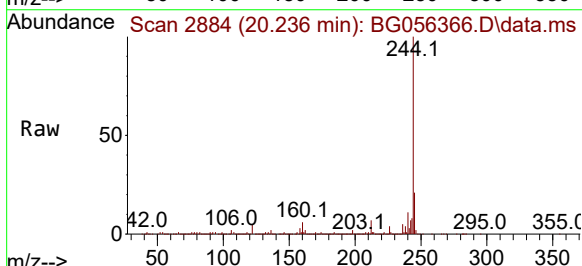
Tgt Ion:184 Resp: 22702

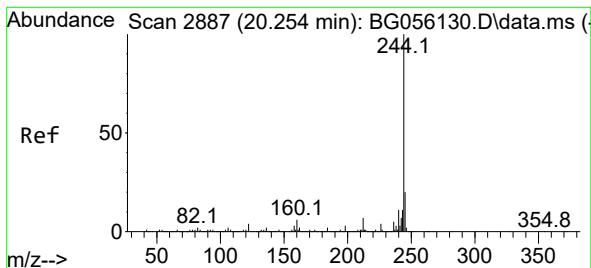
Ion Ratio Lower Upper

184 100

185 16.3 12.2 18.2

183 6.5 9.4 14.0#





#79

Terphenyl-d14

Concen: 99.989 ng

RT: 20.236 min Scan# 2

Delta R.T. 0.002 min

Lab File: BG056366.D

Acq: 20 Jan 2023 13:53

Instrument :

BNA_G

ClientSampleId :

BORING-2

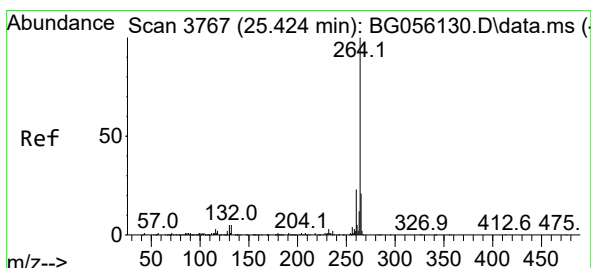
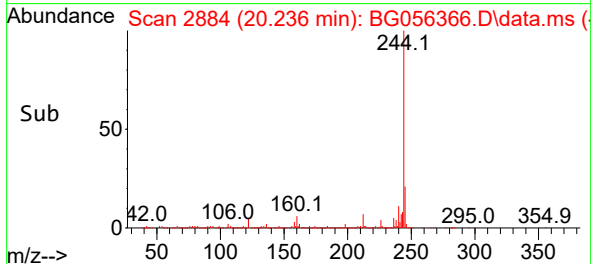
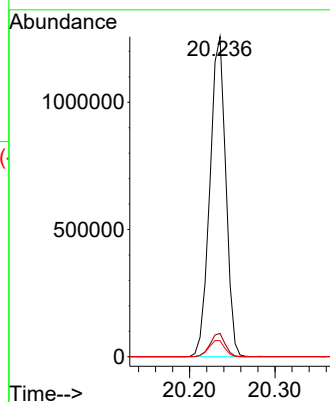
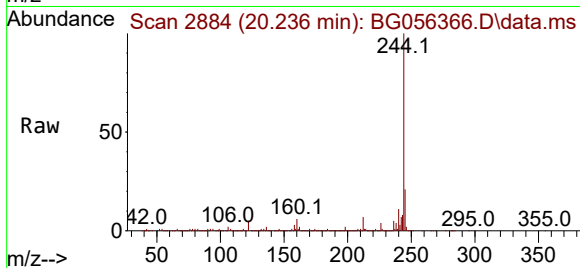
Tgt Ion:244 Resp: 1628200

Ion Ratio Lower Upper

244 100

212 7.3 5.7 8.5

122 5.0 3.5 5.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.388 min Scan# 3761

Delta R.T. -0.003 min

Lab File: BG056366.D

Acq: 20 Jan 2023 13:53

Tgt Ion:264 Resp: 311009

Ion Ratio Lower Upper

264 100

260 24.7 18.6 28.0

265 23.3 16.7 25.1

