

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)

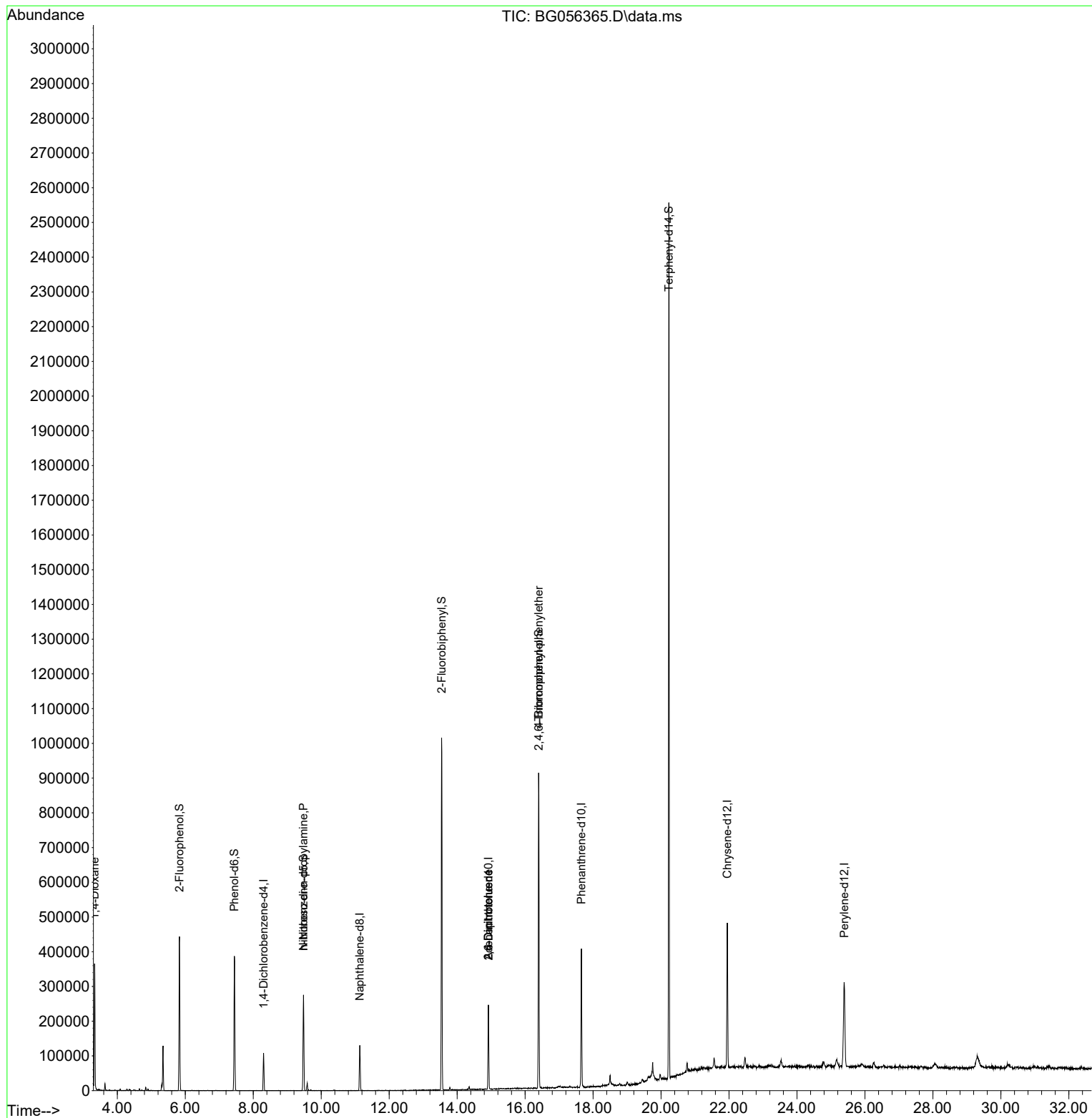
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.302	152	35418	20.000	ng	0.00
21) Naphthalene-d8	11.134	136	122550	20.000	ng	0.00
39) Acenaphthene-d10	14.918	164	93139	20.000	ng	0.00
64) Phenanthrene-d10	17.656	188	267106	20.000	ng	0.00
76) Chrysene-d12	21.951	240	280180	20.000	ng	# 0.00
86) Perylene-d12	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
2) 1,4-Dioxane	3.332	88	4670	5.154	ng	# 1
19) n-Nitroso-di-n-propyla...	9.477	70	23699	12.793	ng	# 74
51) 2,6-Dinitrotoluene	14.918	165	12020	7.503	ng	# 31
57) 2,4-Dinitrotoluene	14.918	165	12020	5.365	ng	# 28
67) 4-Bromophenyl-phenylether	16.399	248	15085	4.435	ng	# 1

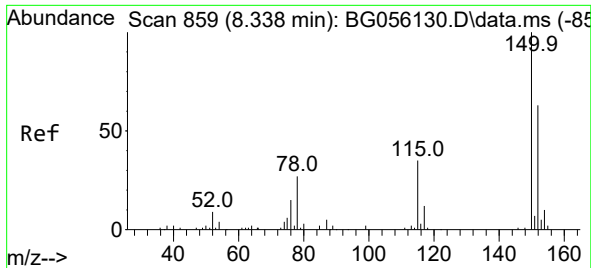
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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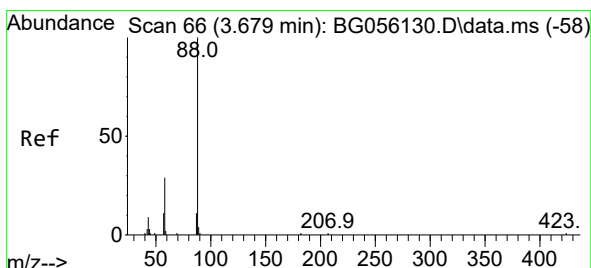
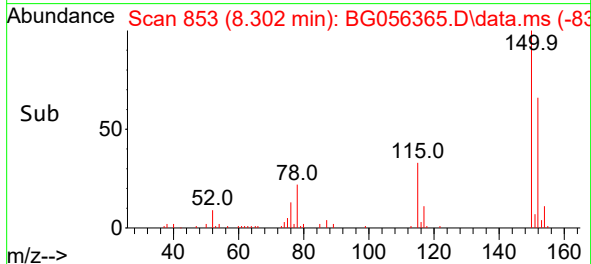
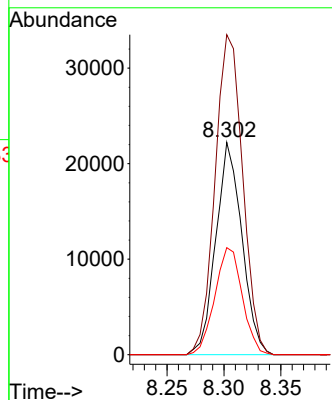
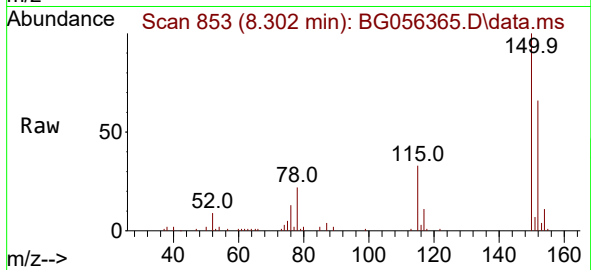




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.302 min Scan# 8
 Delta R.T. -0.004 min
 Lab File: BG056365.D
 Acq: 20 Jan 2023 13:13

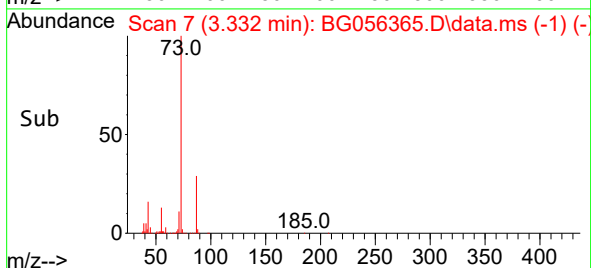
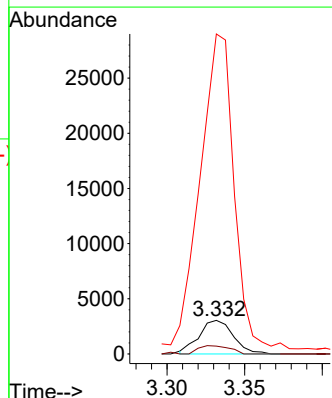
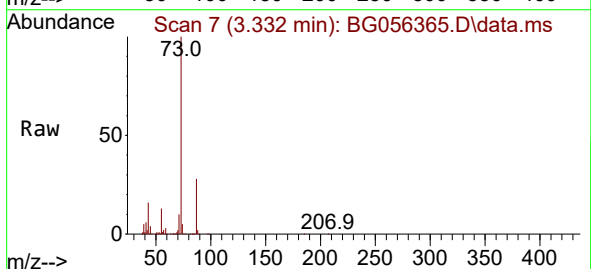
Instrument :
 BNA_G
 ClientSampleId :
 BORING-4

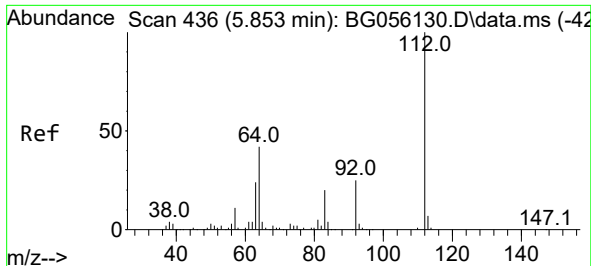
Tgt Ion:152 Resp: 35418
 Ion Ratio Lower Upper
 152 100
 150 150.7 127.9 191.9
 115 50.4 44.2 66.2



#2
 1,4-Dioxane
 Concen: 5.154 ng
 RT: 3.332 min Scan# 7
 Delta R.T. -0.303 min
 Lab File: BG056365.D
 Acq: 20 Jan 2023 13:13

Tgt Ion: 88 Resp: 4670
 Ion Ratio Lower Upper
 88 100
 58 22.6 21.4 32.0
 43 906.5 7.1 10.7#

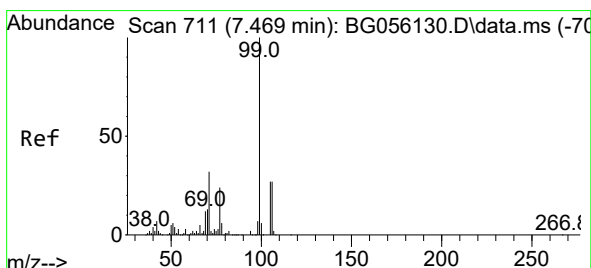
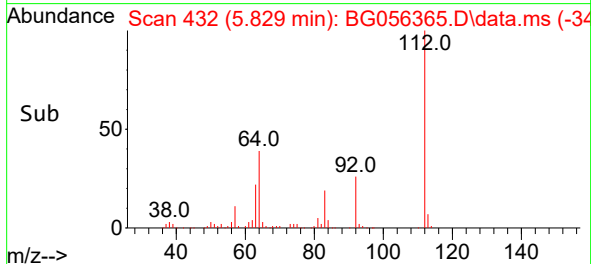
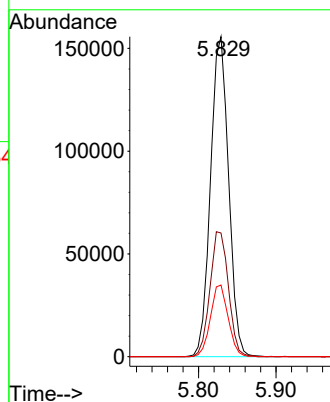
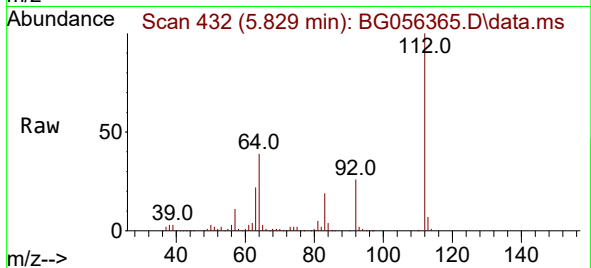




#5
2-Fluorophenol
Concen: 127.144 ng
RT: 5.829 min Scan# 41
Delta R.T. 0.002 min
Lab File: BG056365.D
Acq: 20 Jan 2023 13:13

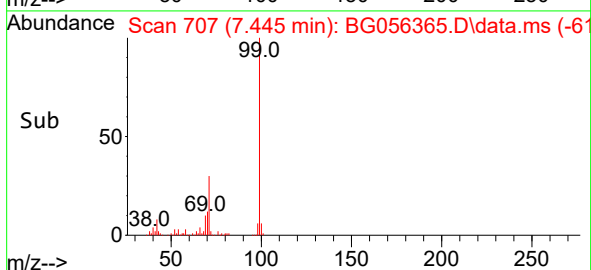
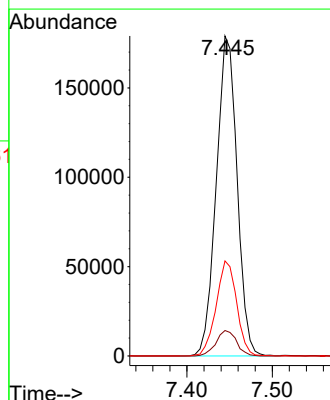
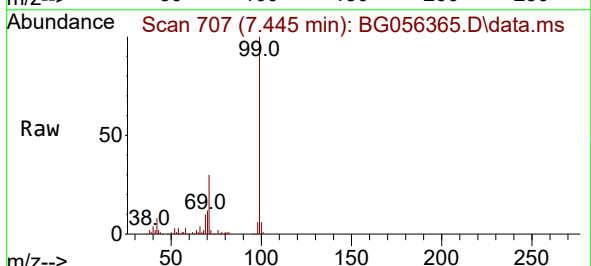
Instrument :
BNA_G
ClientSampleId :
BORING-4

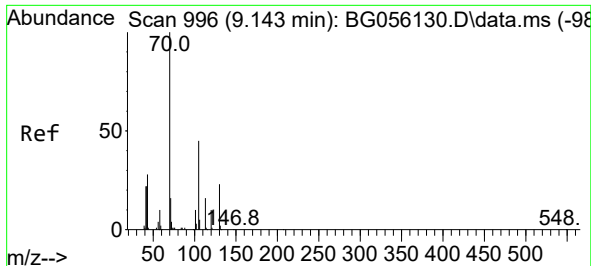
Tgt Ion:112 Resp: 252209
Ion Ratio Lower Upper
112 100
64 38.6 33.3 49.9
63 22.4 19.0 28.4



#7
Phenol-d6
Concen: 99.784 ng
RT: 7.445 min Scan# 707
Delta R.T. -0.003 min
Lab File: BG056365.D
Acq: 20 Jan 2023 13:13

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

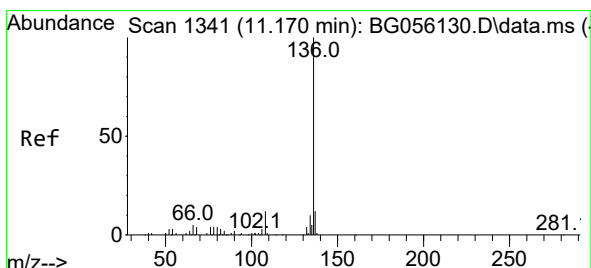
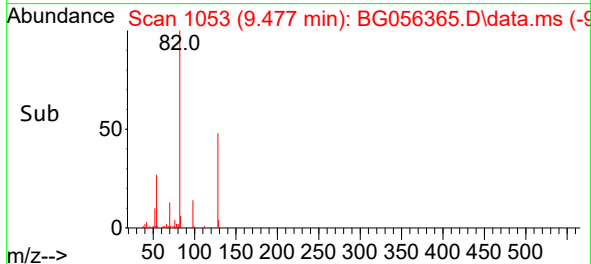
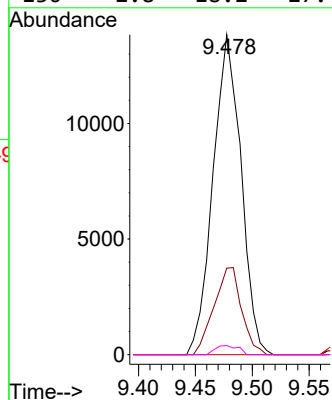
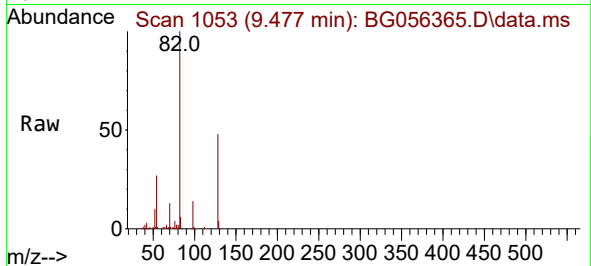




#19
n-Nitroso-di-n-propylamine
Concen: 12.793 ng
RT: 9.477 min Scan# 1053
Delta R.T. 0.367 min
Lab File: BG056365.D
Acq: 20 Jan 2023 13:13

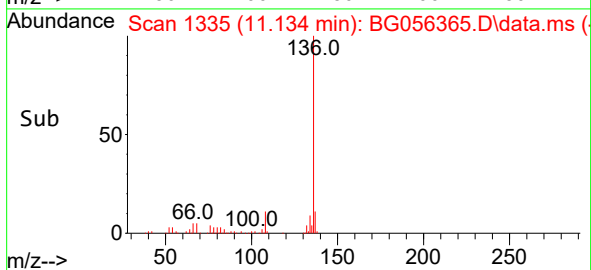
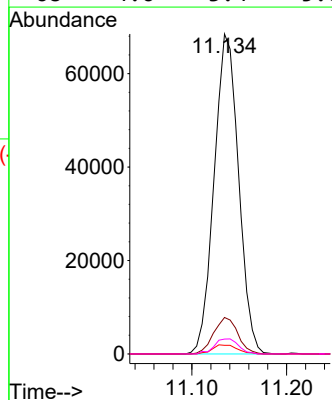
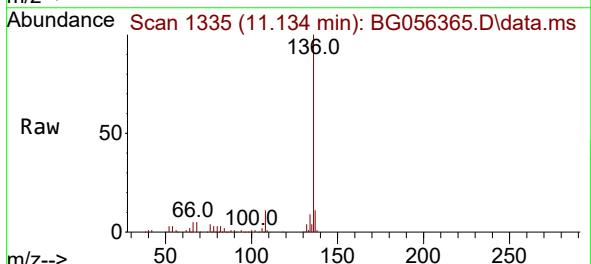
Instrument :
BNA_G
ClientSampleId :
BORING-4

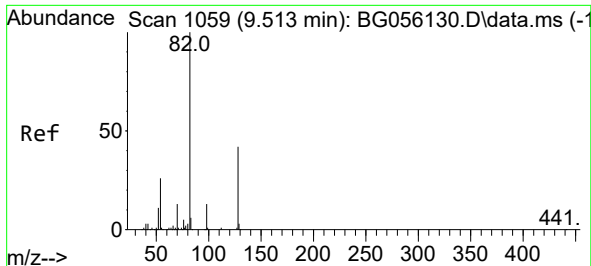
Tgt Ion: 70	Resp: 23699
Ion Ratio	Lower Upper
70 100	
42 27.0	18.2 27.2
101 0.0	8.3 12.5#
130 2.8	18.2 27.4#



#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

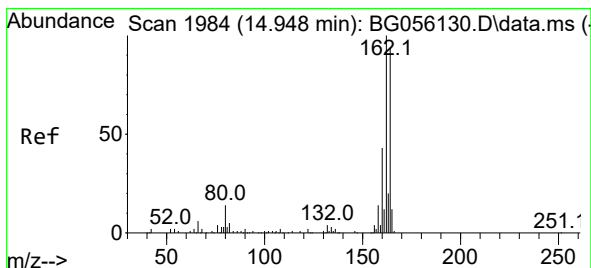
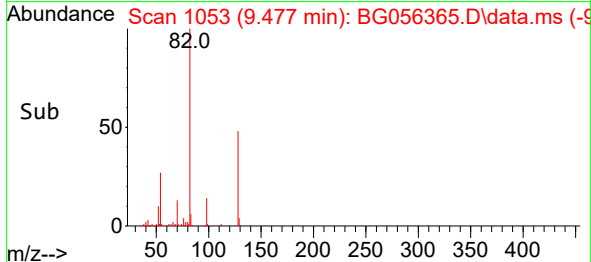
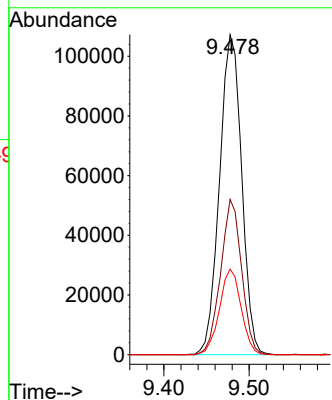
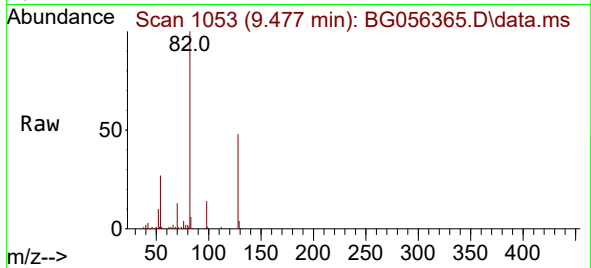




#23
Nitrobenzene-d5
Concen: 80.825 ng
RT: 9.477 min Scan# 1053
Delta R.T. -0.009 min
Lab File: BG056365.D
Acq: 20 Jan 2023 13:13

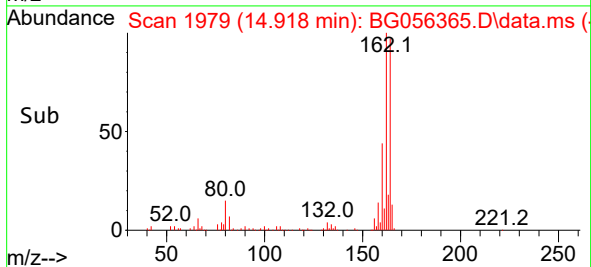
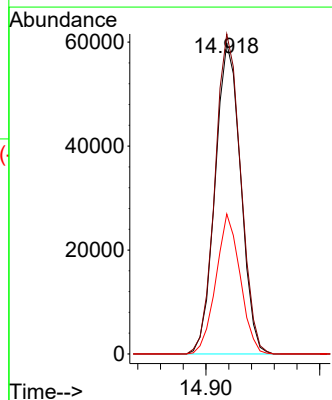
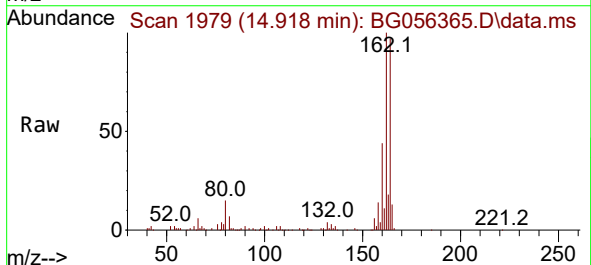
Instrument :
BNA_G
ClientSampleId :
BORING-4

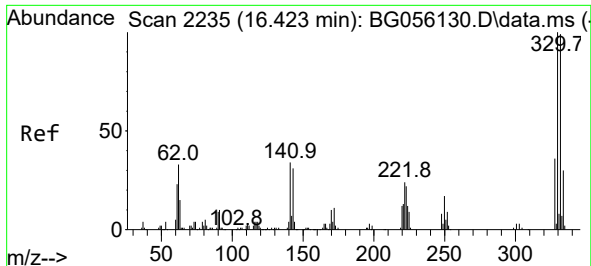
Tgt Ion: 82 Resp: 193643
Ion Ratio Lower Upper
82 100
128 48.5 33.4 50.2
54 26.7 20.3 30.5



#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

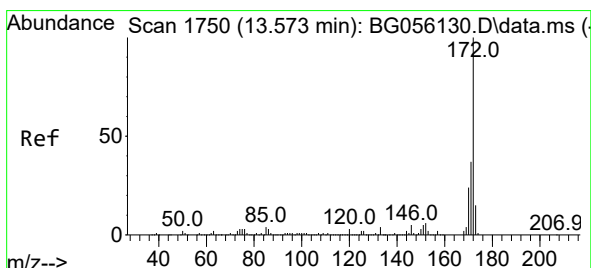
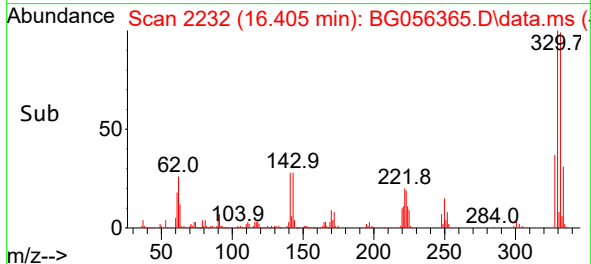
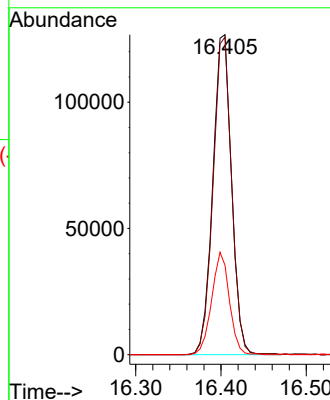
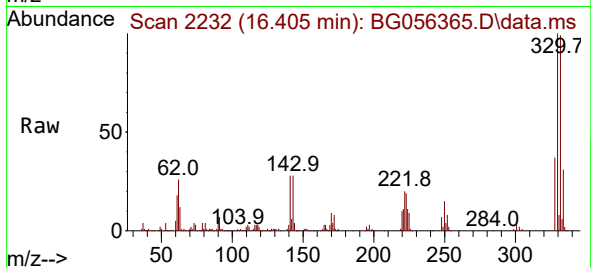
Tgt Ion:330 Resp: 194052

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

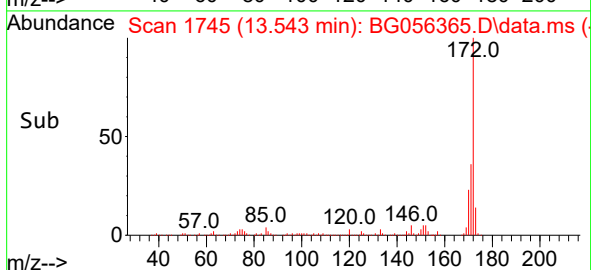
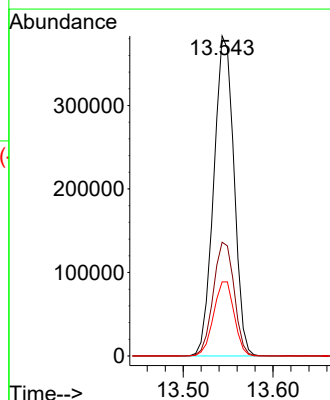
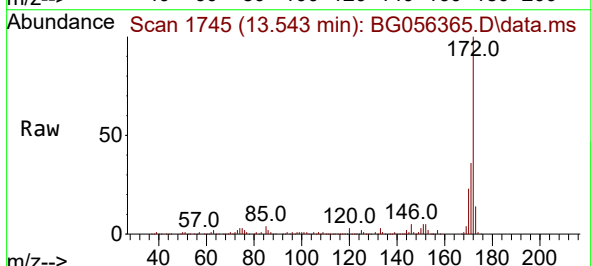
Tgt Ion:172 Resp: 598315

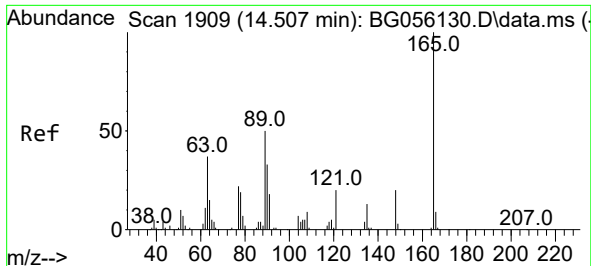
Ion Ratio Lower Upper

172 100

171 35.5 29.6 44.4

170 23.2 19.4 29.2

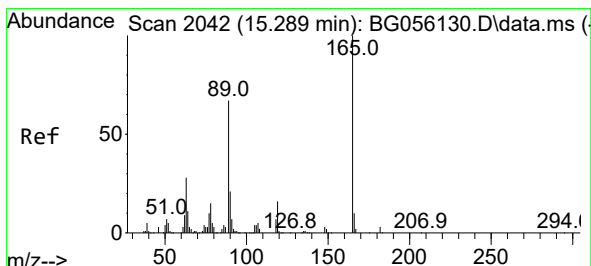
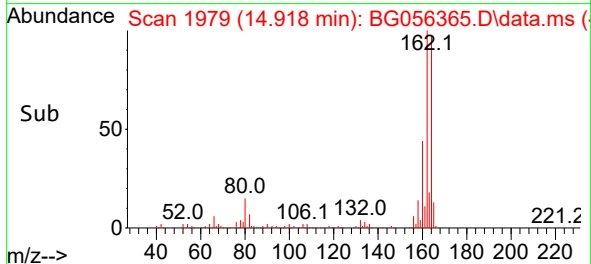
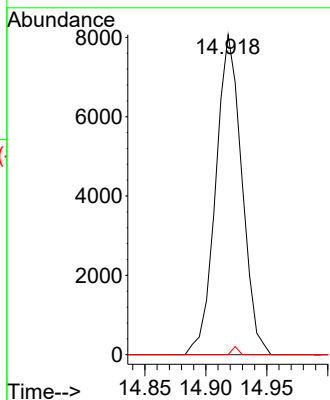
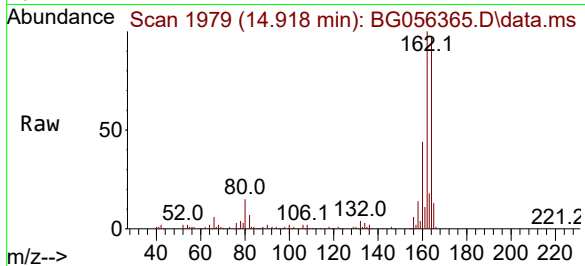




#51
2,6-Dinitrotoluene
Concen: 7.503 ng
RT: 14.918 min Scan# 1979
Delta R.T. 0.431 min
Lab File: BG056365.D
Acq: 20 Jan 2023 13:13

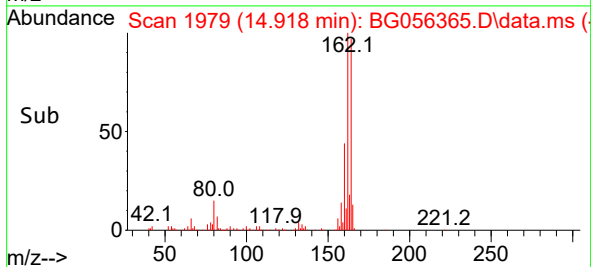
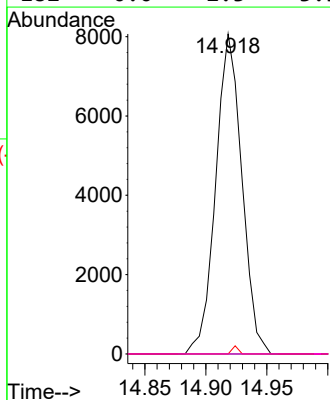
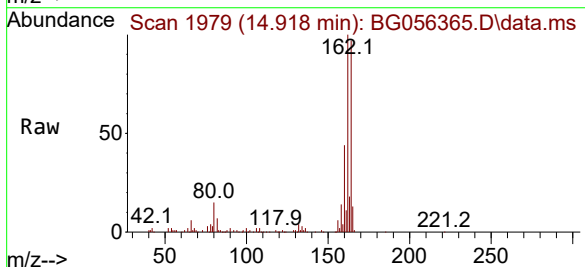
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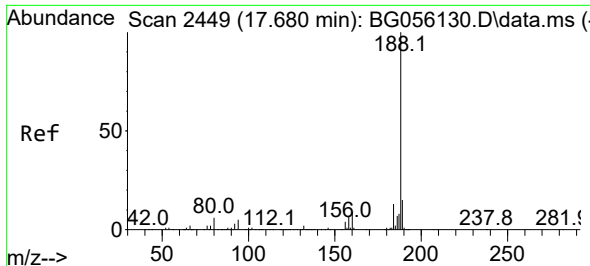
Tgt Ion:165 Resp: 12020
Ion Ratio Lower Upper
165 100
63 0.0 32.2 48.2#
89 0.0 39.8 59.8#



#57
2,4-Dinitrotoluene
Concen: 5.365 ng
RT: 14.918 min Scan# 1979
Delta R.T. -0.356 min
Lab File: BG056365.D
Acq: 20 Jan 2023 13:13

Tgt Ion:165 Resp: 12020
Ion Ratio Lower Upper
165 100
63 0.0 22.6 34.0#
89 0.0 53.2 79.8#
182 0.0 2.3 3.5#

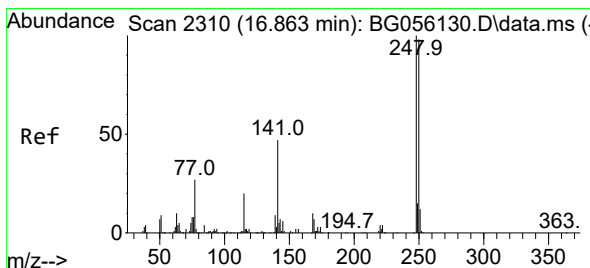
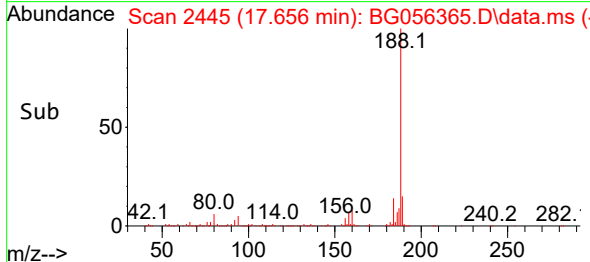
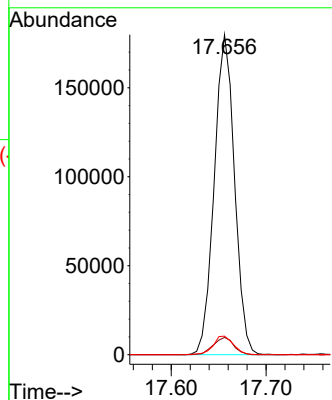
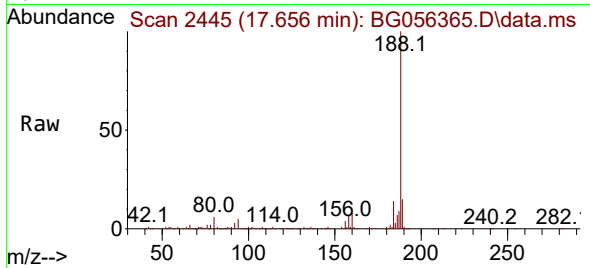




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.656 min Scan# 2449
Delta R.T. -0.003 min
Lab File: BG056365.D
Acq: 20 Jan 2023 13:13

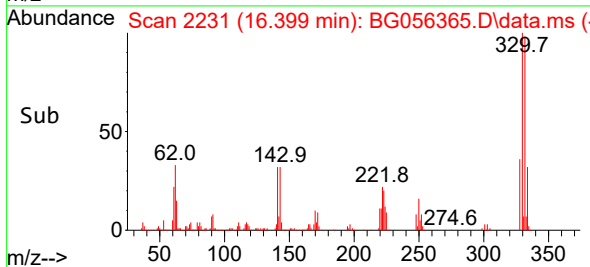
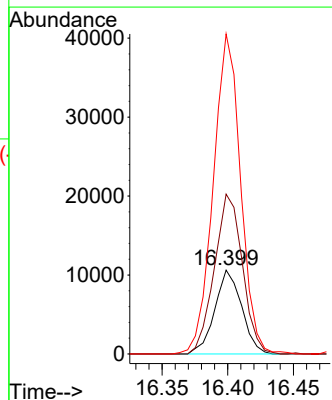
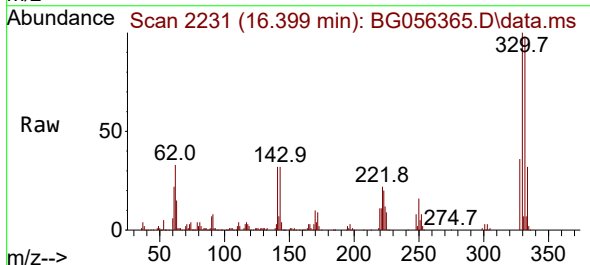
Instrument :
BNA_G
ClientSampleId :
BORING-4

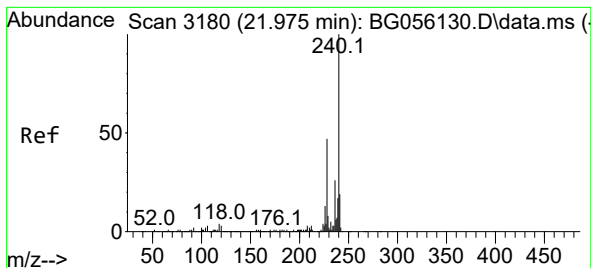
Tgt Ion:188 Resp: 267106
Ion Ratio Lower Upper
188 100
94 5.4 4.2 6.2
80 5.8 5.0 7.4



#67
4-Bromophenyl-phenylether
Concen: 4.435 ng
RT: 16.399 min Scan# 2231
Delta R.T. -0.438 min
Lab File: BG056365.D
Acq: 20 Jan 2023 13:13

Tgt Ion:248 Resp: 15085
Ion Ratio Lower Upper
248 100
250 190.5 78.2 117.4#
141 381.6 37.6 56.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.951 min Scan# 31

Delta R.T. -0.004 min

Lab File: BG056365.D

Acq: 20 Jan 2023 13:13

Instrument :

BNA_G

ClientSampleId :

BORING-4

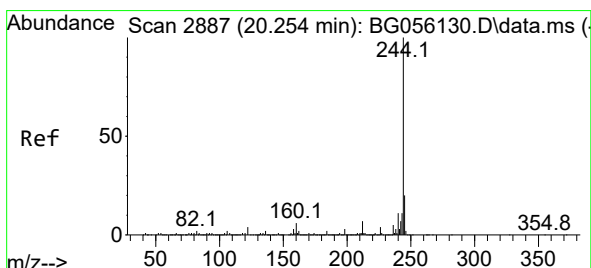
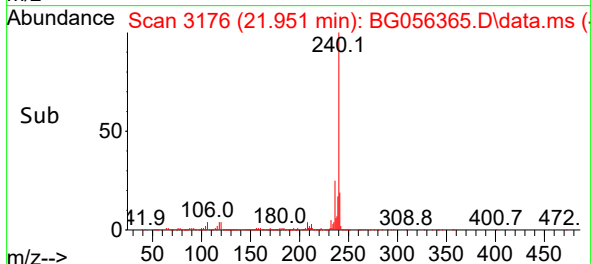
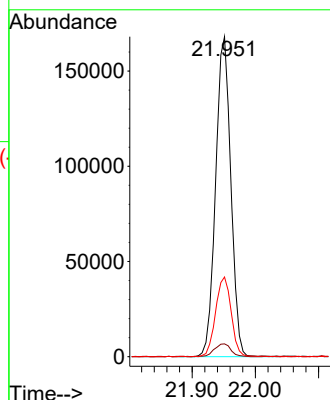
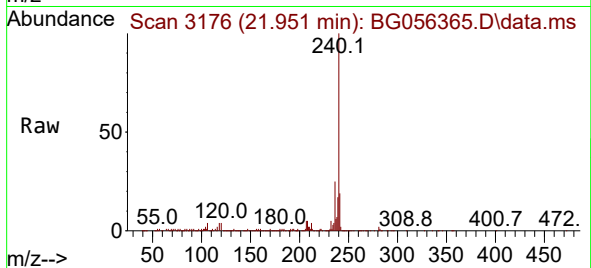
Tgt Ion:240 Resp: 280180

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

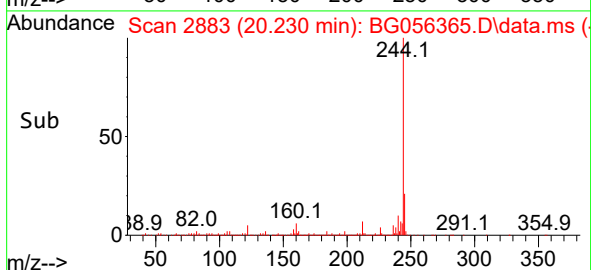
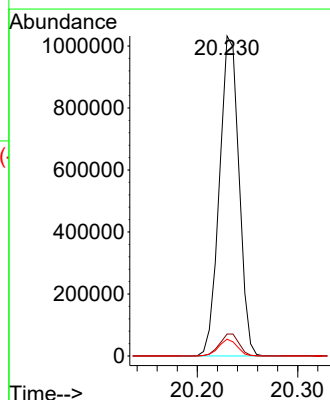
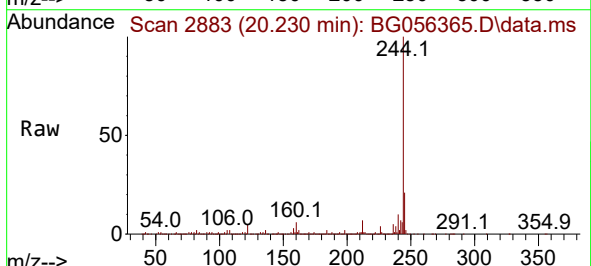
Tgt Ion:244 Resp: 1393954

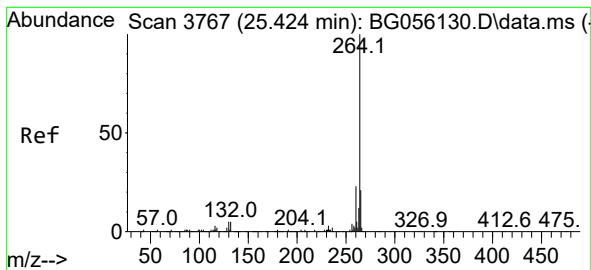
Ion Ratio Lower Upper

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# 31

Delta R.T. -0.004 min

Lab File: BG056365.D

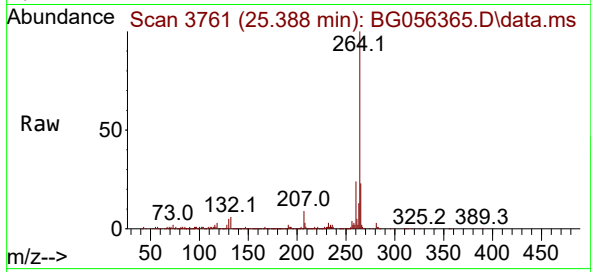
Acq: 20 Jan 2023 13:13

Instrument :

BNA_G

ClientSampleId :

BORING-4



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

