

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122922\
 Data File : BG056155.D
 Acq On : 29 Dec 2022 15:31
 Operator : CG/JU
 Sample : N6226-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TWP02

Quant Time: Dec 30 04:05:57 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 28 05:20:14 2022
 Response via : Initial Calibration

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

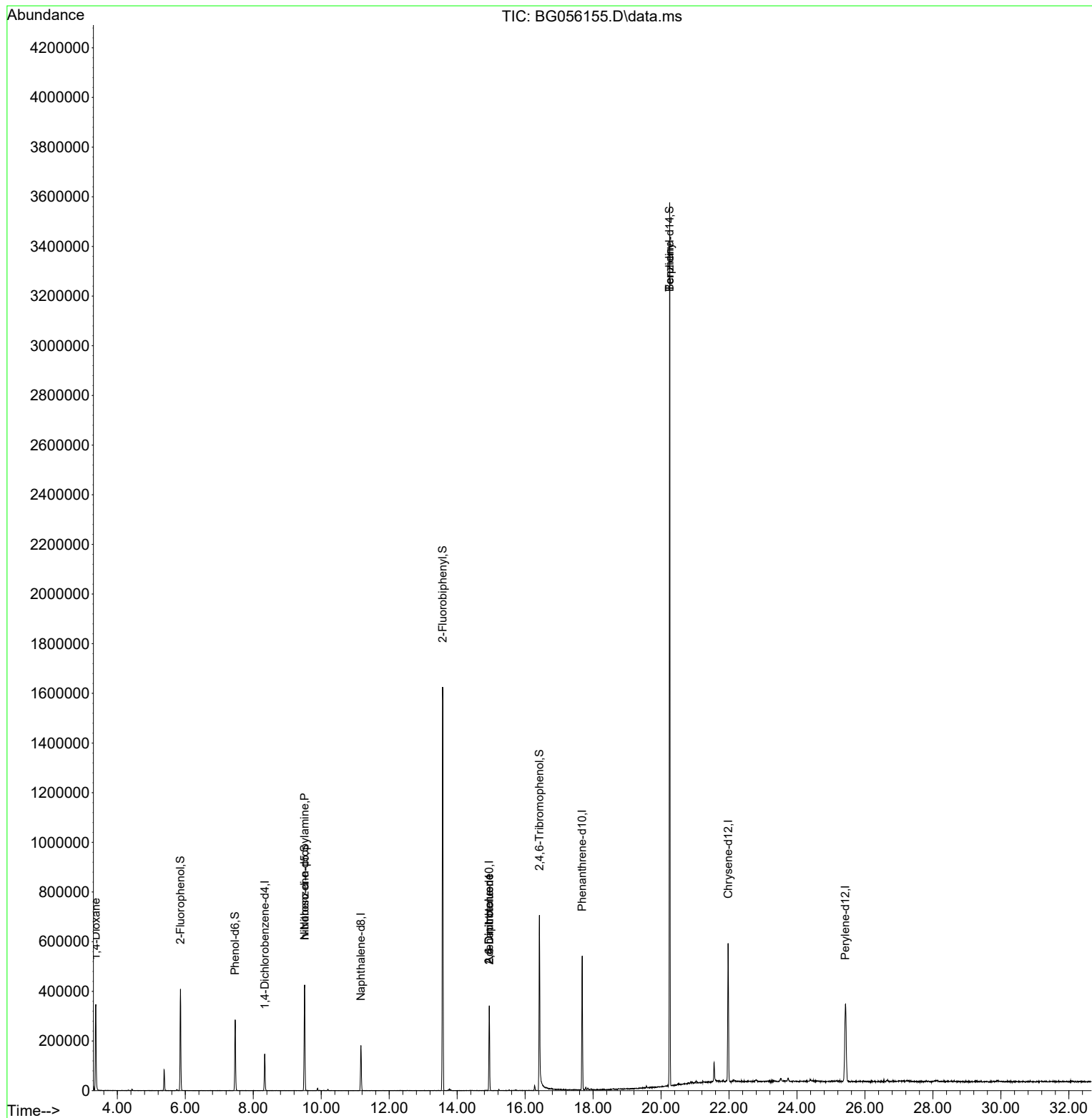
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.336	152	47150	20.000	ng	0.00
21) Naphthalene-d8	11.168	136	165664	20.000	ng	0.00
39) Acenaphthene-d10	14.940	164	133702	20.000	ng	0.00
64) Phenanthrene-d10	17.678	188	370693	20.000	ng	0.00
76) Chrysene-d12	21.973	240	375692	20.000	ng	# 0.00
86) Perylene-d12	25.422	264	406519	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.856	112	223575	84.664	ng	0.00
7) Phenol-d6	7.466	99	217519	53.637	ng	0.00
23) Nitrobenzene-d5	9.511	82	307258	94.871	ng	0.00
42) 2,4,6-Tribromophenol	16.420	330	170914	100.935	ng	0.00
45) 2-Fluorobiphenyl	13.571	172	953592	98.489	ng	0.00
79) Terphenyl-d14	20.251	244	1919134	91.492	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.365	88	5099	4.227	ng	# 1
19) n-Nitroso-di-n-propyla...	9.511	70	38152	15.471	ng	# 74
51) 2,6-Dinitrotoluene	14.940	165	17803	7.741	ng	# 34
57) 2,4-Dinitrotoluene	14.940	165	17803	5.535	ng	# 31
77) Benzdine	20.251	184	27794	2.111	ng	# 91

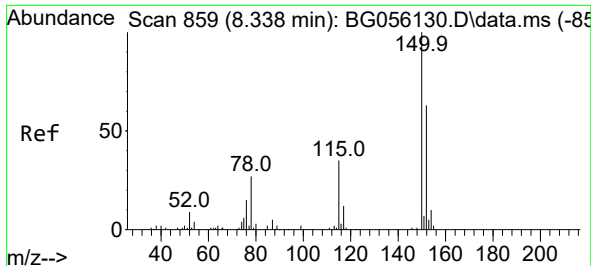
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : BG056155.D
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Sample : N6226-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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Quant Time: Dec 30 04:05:57 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 28 05:20:14 2022
Response via : Initial Calibration

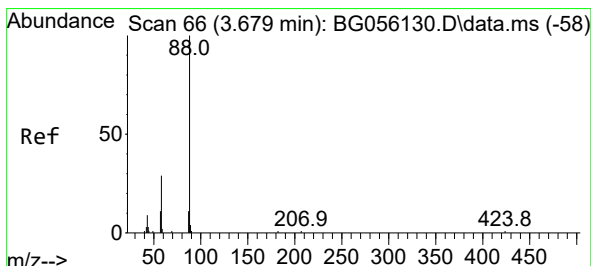
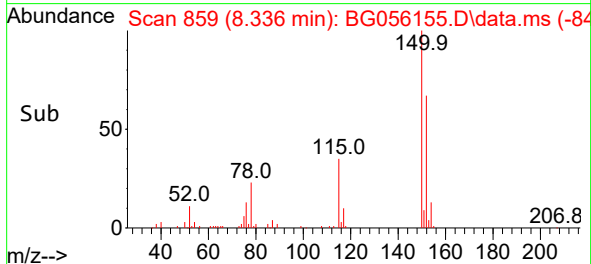
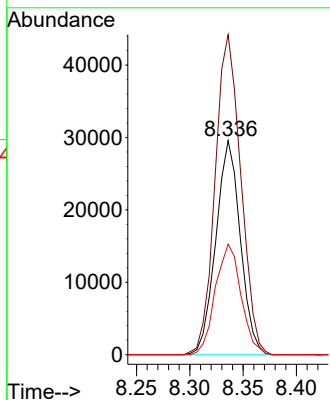
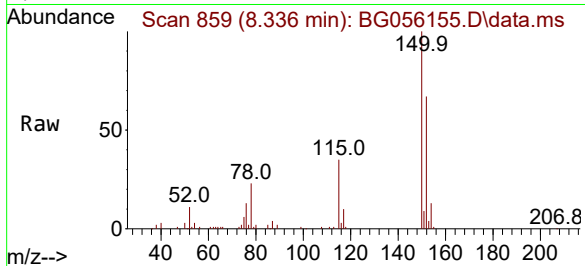




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.336 min Scan# 8
 Delta R.T. -0.002 min
 Lab File: BG056155.D
 Acq: 29 Dec 2022 15:31

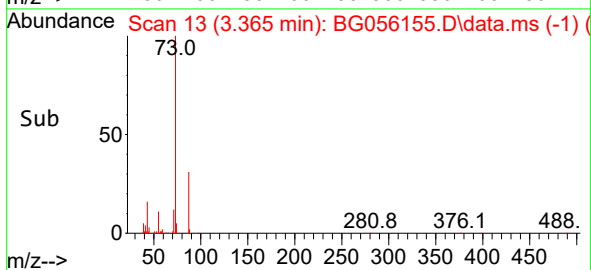
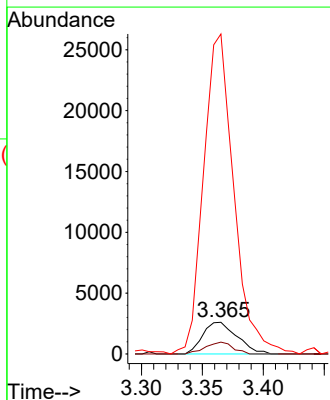
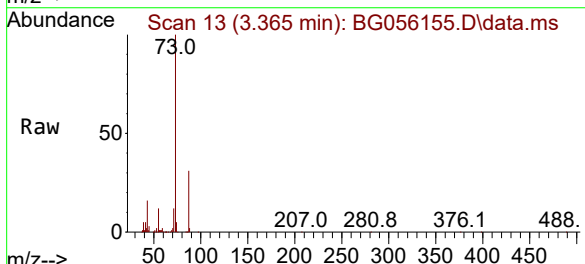
Instrument :
 BNA_G
 ClientSampleId :
 TWP02

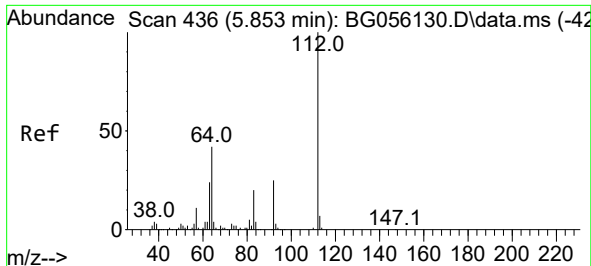
Tgt Ion:152 Resp: 47150
 Ion Ratio Lower Upper
 152 100
 150 149.5 127.9 191.9
 115 51.7 44.2 66.2



#2
 1,4-Dioxane
 Concen: 4.227 ng
 RT: 3.365 min Scan# 13
 Delta R.T. -0.314 min
 Lab File: BG056155.D
 Acq: 29 Dec 2022 15:31

Tgt Ion: 88 Resp: 5099
 Ion Ratio Lower Upper
 88 100
 58 29.8 21.4 32.0
 43 892.3 7.1 10.7#

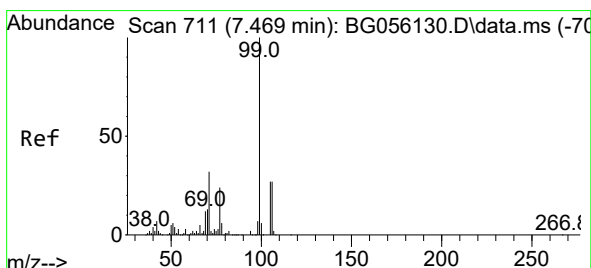
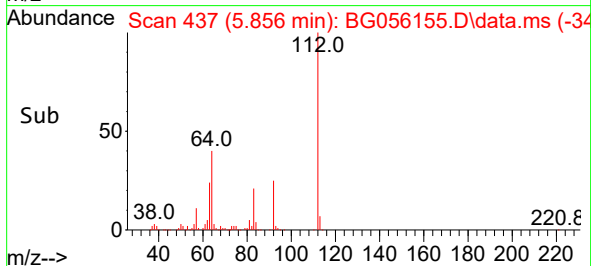
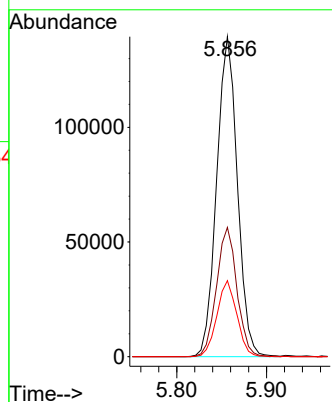
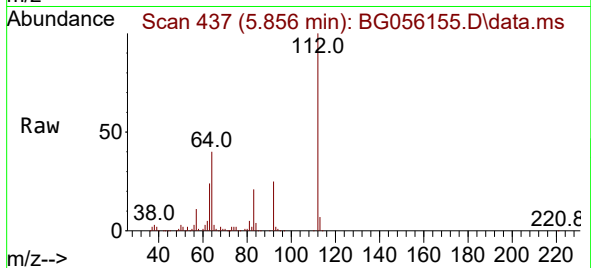




#5
2-Fluorophenol
Concen: 84.664 ng
RT: 5.856 min Scan# 41
Delta R.T. 0.004 min
Lab File: BG056155.D
Acq: 29 Dec 2022 15:31

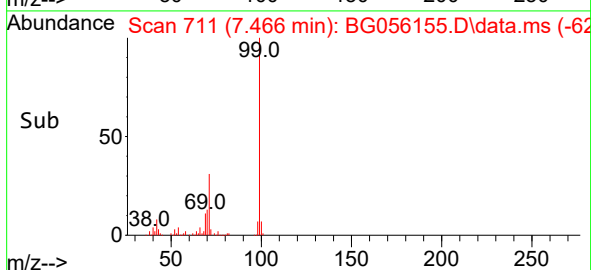
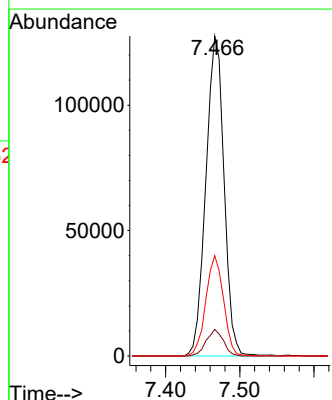
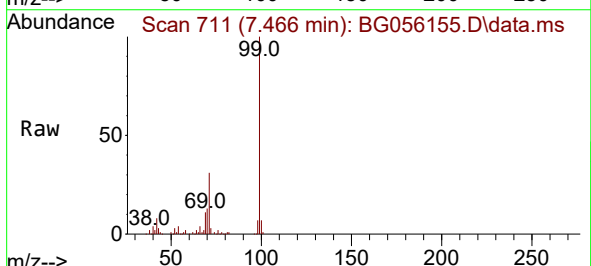
Instrument :
BNA_G
ClientSampleId :
TWP02

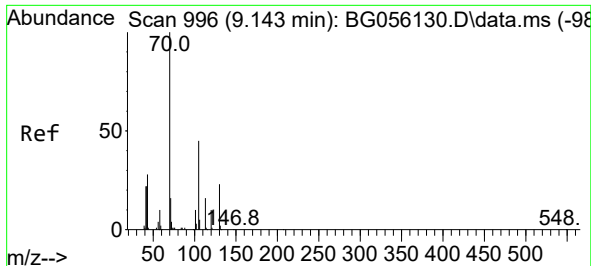
Tgt Ion:112 Resp: 223575
Ion Ratio Lower Upper
112 100
64 40.4 33.3 49.9
63 23.8 19.0 28.4



#7
Phenol-d6
Concen: 53.637 ng
RT: 7.466 min Scan# 711
Delta R.T. -0.002 min
Lab File: BG056155.D
Acq: 29 Dec 2022 15:31

Tgt Ion: 99 Resp: 217519
Ion Ratio Lower Upper
99 100
42 8.3 5.9 8.9
71 31.4 25.4 38.2

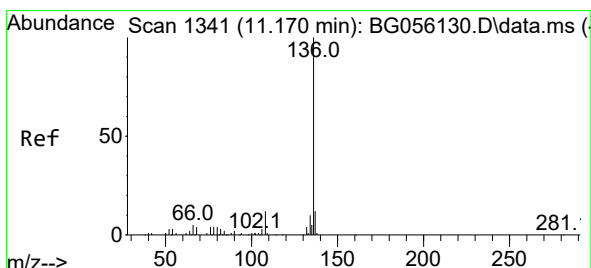
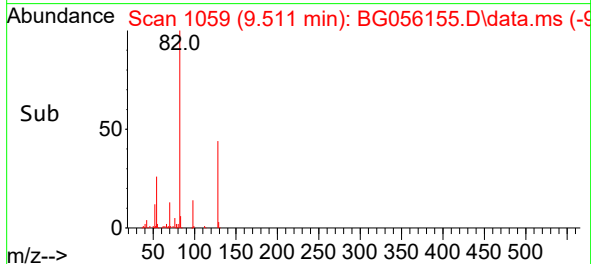
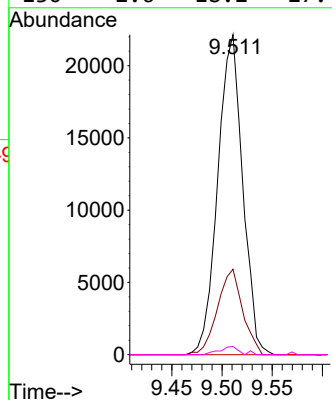
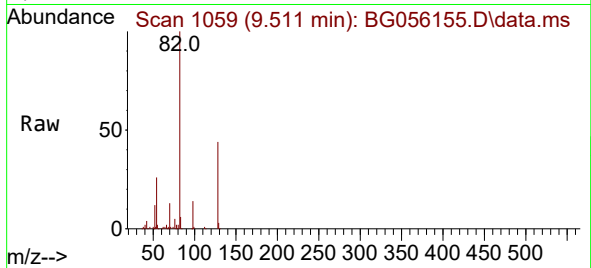




#19
n-Nitroso-di-n-propylamine
Concen: 15.471 ng
RT: 9.511 min Scan# 1059
Delta R.T. 0.368 min
Lab File: BG056155.D
Acq: 29 Dec 2022 15:31

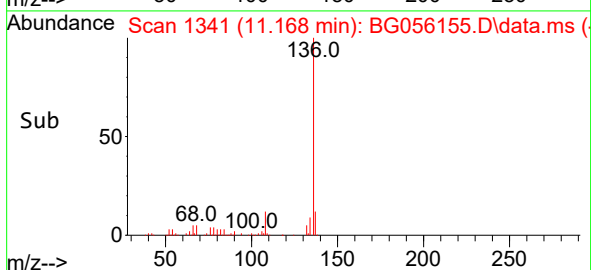
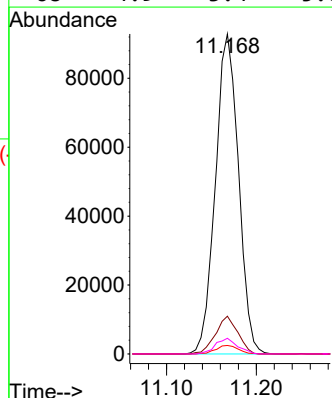
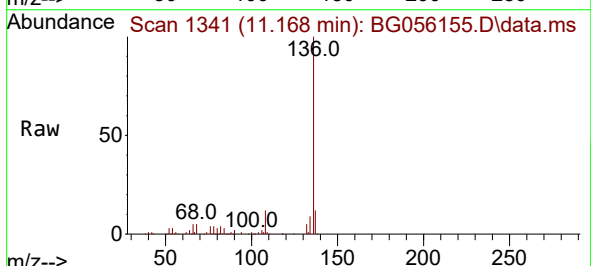
Instrument :
BNA_G
ClientSampleId :
TWP02

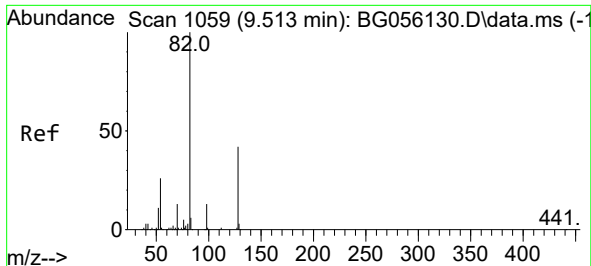
Tgt Ion: 70 Resp: 38152
Ion Ratio Lower Upper
70 100
42 26.7 18.2 27.2
101 0.0 8.3 12.5#
130 2.6 18.2 27.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.168 min Scan# 1341
Delta R.T. -0.002 min
Lab File: BG056155.D
Acq: 29 Dec 2022 15:31

Tgt Ion: 136 Resp: 165664
Ion Ratio Lower Upper
136 100
137 11.8 9.4 14.0
54 2.6 2.2 3.2
68 4.9 3.4 5.0

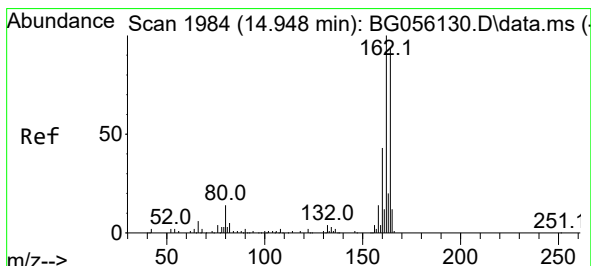
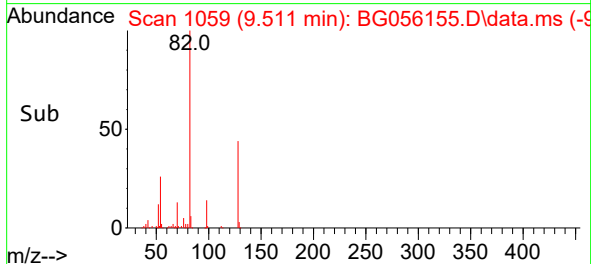
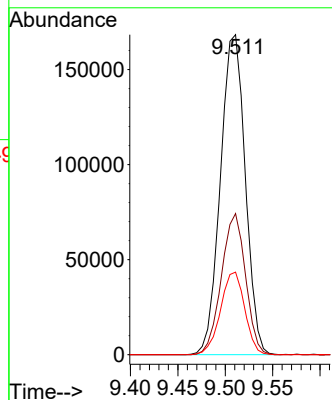
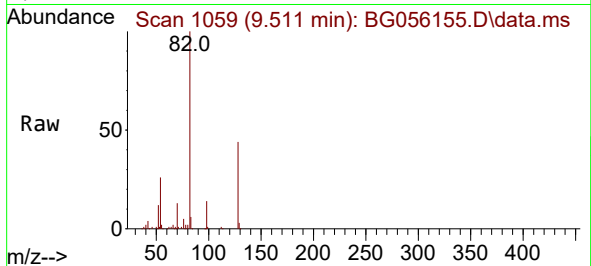




#23
Nitrobenzene-d5
Concen: 94.871 ng
RT: 9.511 min Scan# 1059
Delta R.T. -0.002 min
Lab File: BG056155.D
Acq: 29 Dec 2022 15:31

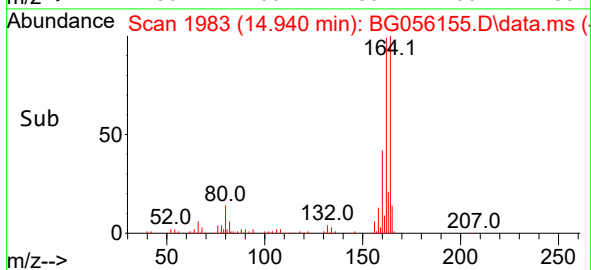
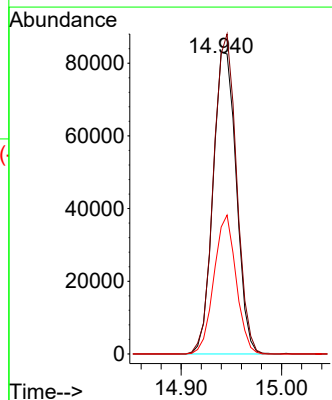
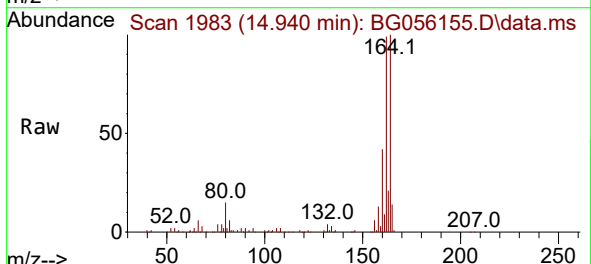
Instrument :
BNA_G
ClientSampleId :
TWP02

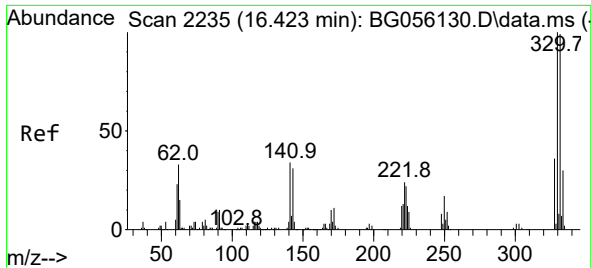
Tgt Ion: 82 Resp: 307258
Ion Ratio Lower Upper
82 100
128 44.1 33.4 50.2
54 25.8 20.3 30.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.940 min Scan# 1983
Delta R.T. -0.008 min
Lab File: BG056155.D
Acq: 29 Dec 2022 15:31

Tgt Ion:164 Resp: 133702
Ion Ratio Lower Upper
164 100
162 99.4 84.7 127.1
160 42.1 36.3 54.5





#42

2,4,6-Tribromophenol

Concen: 100.935 ng

RT: 16.420 min Scan# 21

Delta R.T. -0.002 min

Lab File: BG056155.D

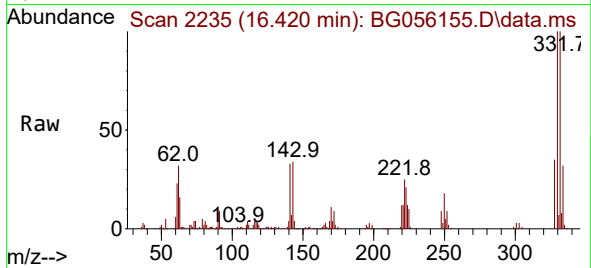
Acq: 29 Dec 2022 15:31

Instrument :

BNA_G

ClientSampleId :

TWP02



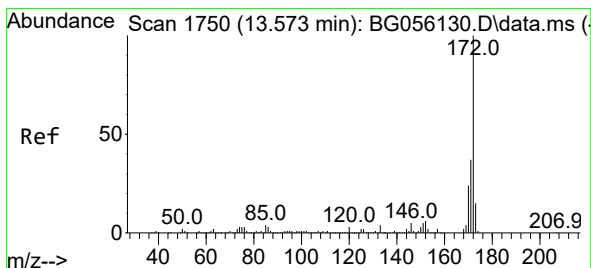
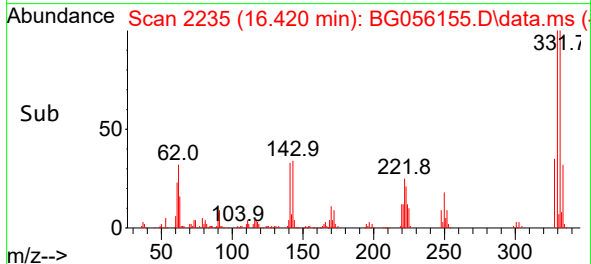
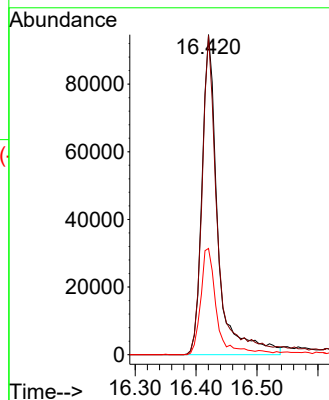
Tgt Ion:330 Resp: 170914

Ion Ratio Lower Upper

330 100

332 96.6 77.3 115.9

141 32.9 27.9 41.9



#45

2-Fluorobiphenyl

Concen: 98.489 ng

RT: 13.571 min Scan# 1750

Delta R.T. -0.002 min

Lab File: BG056155.D

Acq: 29 Dec 2022 15:31

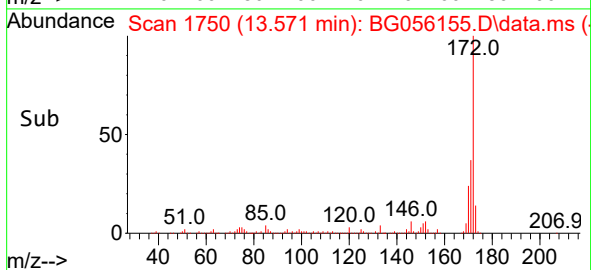
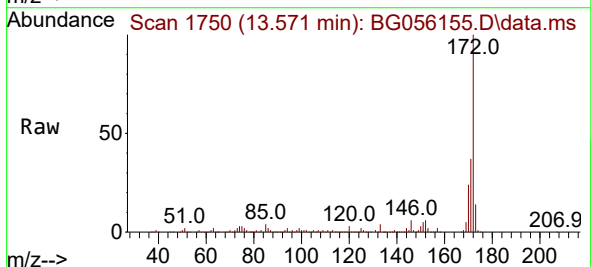
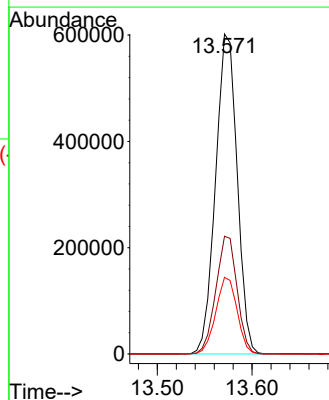
Tgt Ion:172 Resp: 953592

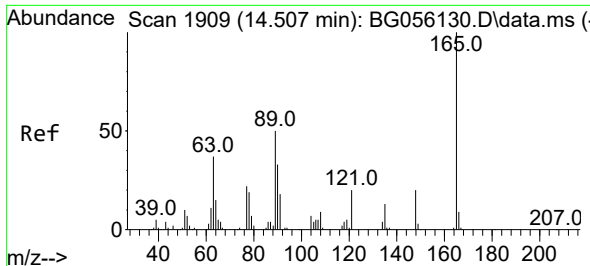
Ion Ratio Lower Upper

172 100

171 36.8 29.6 44.4

170 24.0 19.4 29.2

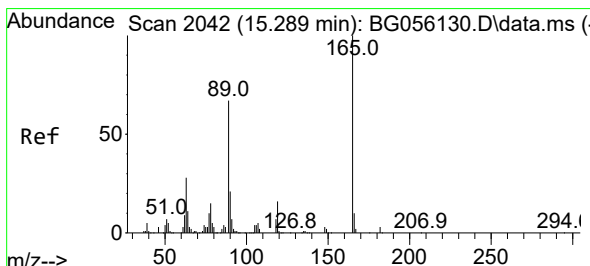
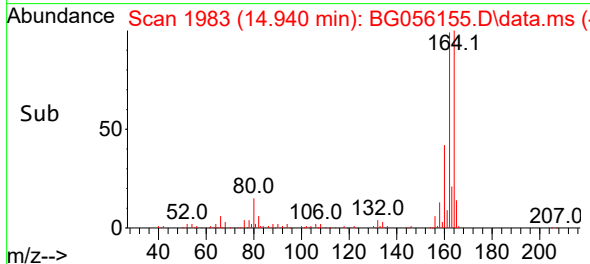
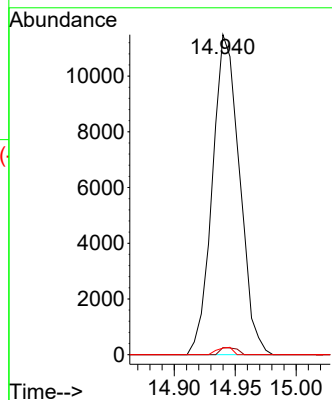
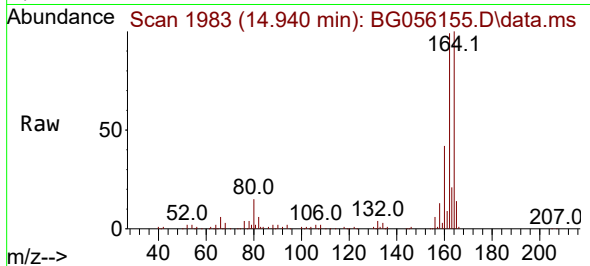




#51
2,6-Dinitrotoluene
Concen: 7.741 ng
RT: 14.940 min Scan# 1909
Delta R.T. 0.432 min
Lab File: BG056155.D
Acq: 29 Dec 2022 15:31

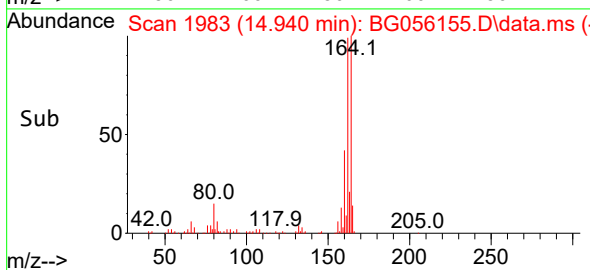
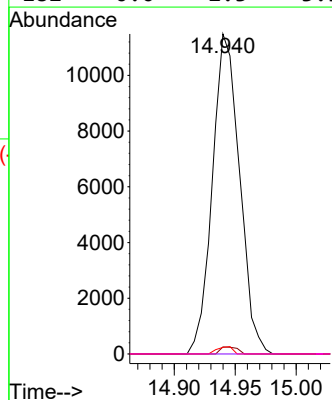
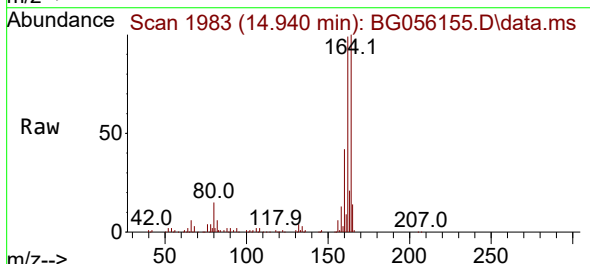
Instrument :
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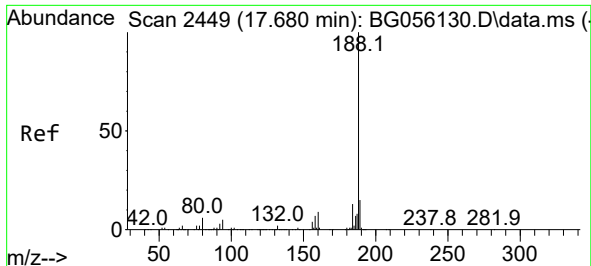
Tgt Ion:165 Resp: 17803
Ion Ratio Lower Upper
165 100
63 2.2 32.2 48.2#
89 2.1 39.8 59.8#



#57
2,4-Dinitrotoluene
Concen: 5.535 ng
RT: 14.940 min Scan# 1983
Delta R.T. -0.349 min
Lab File: BG056155.D
Acq: 29 Dec 2022 15:31

Tgt Ion:165 Resp: 17803
Ion Ratio Lower Upper
165 100
63 2.2 22.6 34.0#
89 2.1 53.2 79.8#
182 0.0 2.3 3.5#

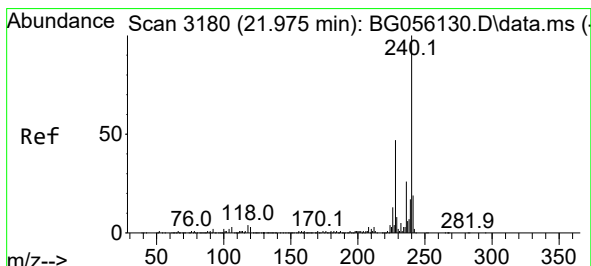
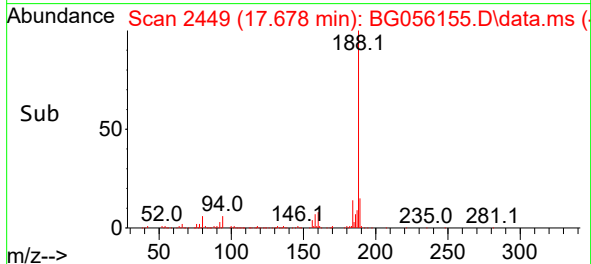
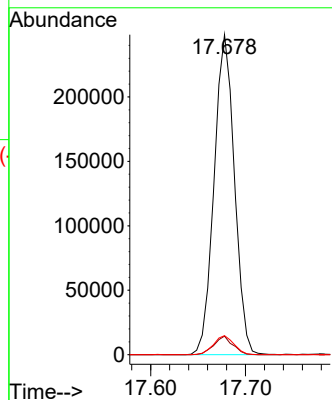
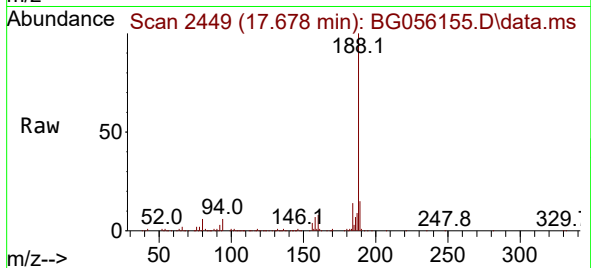




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.678 min Scan# 2449
Delta R.T. -0.002 min
Lab File: BG056155.D
Acq: 29 Dec 2022 15:31

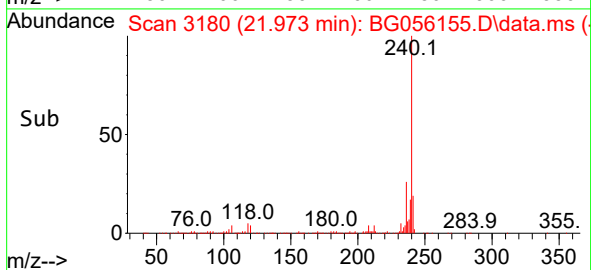
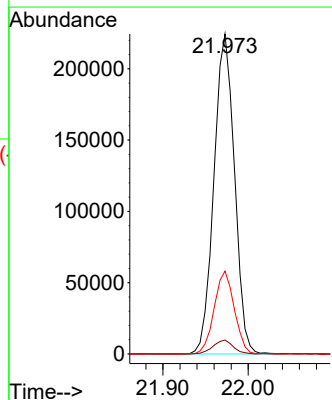
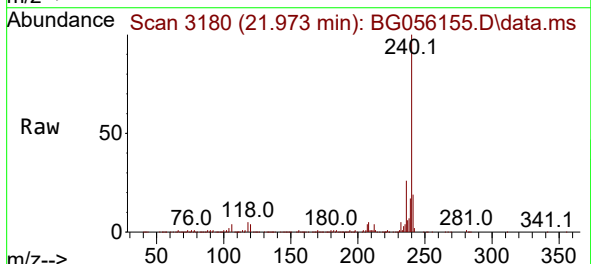
Instrument :
BNA_G
ClientSampleId :
TWP02

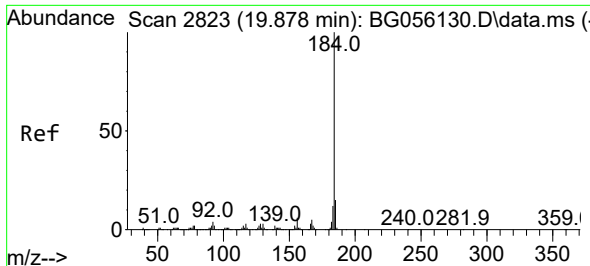
Tgt Ion:188 Resp: 370693
Ion Ratio Lower Upper
188 100
94 5.8 4.2 6.2
80 6.0 5.0 7.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.973 min Scan# 3180
Delta R.T. -0.002 min
Lab File: BG056155.D
Acq: 29 Dec 2022 15:31

Tgt Ion:240 Resp: 375692
Ion Ratio Lower Upper
240 100
120 4.4 2.6 4.0#
236 25.9 20.8 31.2

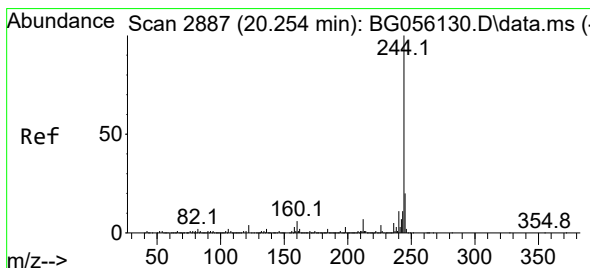
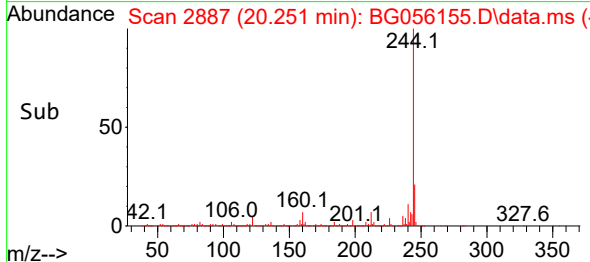
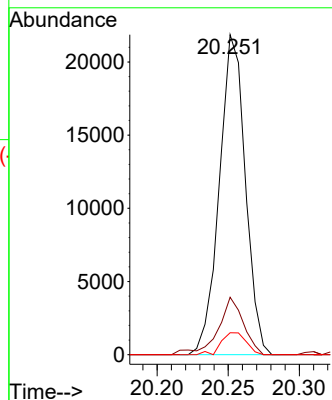
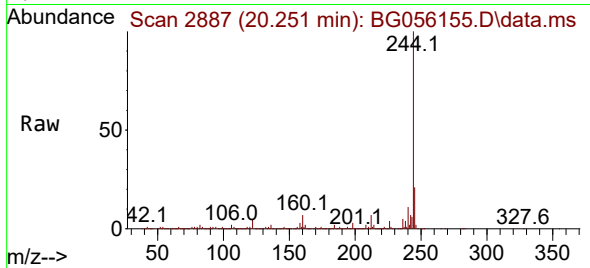




#77
Benzidine
Concen: 2.111 ng
RT: 20.251 min Scan# 2887
Delta R.T. 0.374 min
Lab File: BG056155.D
Acq: 29 Dec 2022 15:31

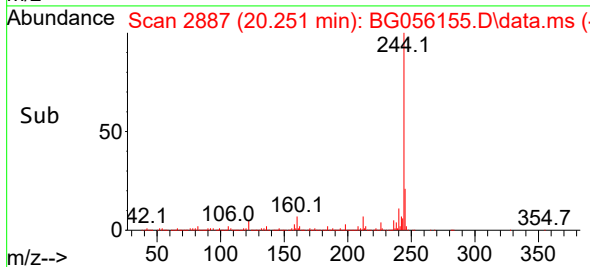
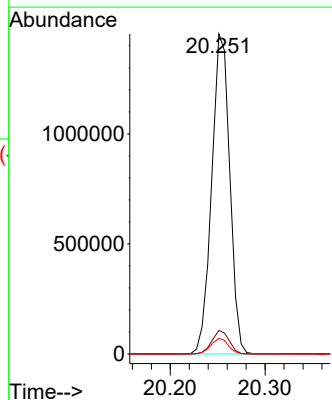
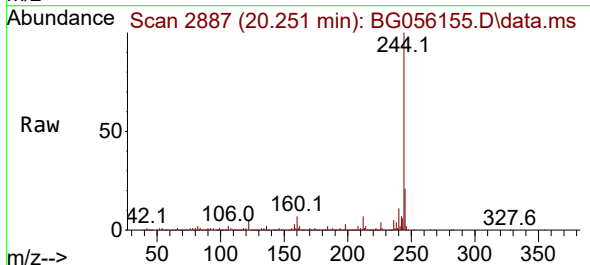
Instrument :
BNA_G
ClientSampleId :
TWP02

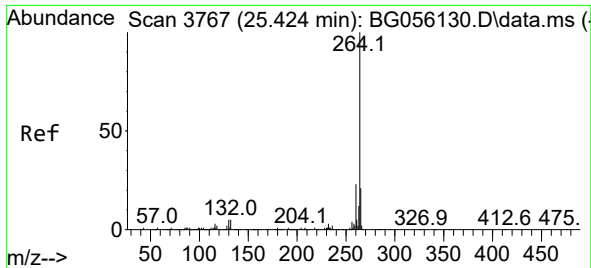
Tgt Ion:184 Resp: 27794
Ion Ratio Lower Upper
184 100
185 17.9 12.2 18.2
183 6.9 9.4 14.0#



#79
Terphenyl-d14
Concen: 91.492 ng
RT: 20.251 min Scan# 2887
Delta R.T. -0.002 min
Lab File: BG056155.D
Acq: 29 Dec 2022 15:31

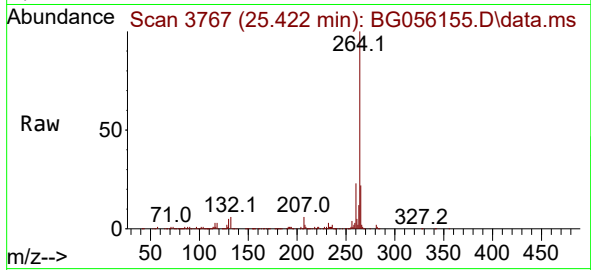
Tgt Ion:244 Resp: 1919134
Ion Ratio Lower Upper
244 100
212 7.4 5.7 8.5
122 4.9 3.5 5.3





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.422 min Scan# 31
Delta R.T. -0.002 min
Lab File: BG056155.D
Acq: 29 Dec 2022 15:31

Instrument :
BNA_G
ClientSampleId :
TWP02



Tgt Ion:264 Resp: 406519
Ion Ratio Lower Upper
264 100
260 23.4 18.6 28.0
265 21.6 16.7 25.1

