

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122922\
 Data File : BG056156.D
 Acq On : 29 Dec 2022 16:12
 Operator : CG/JU
 Sample : N6228-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-2

Quant Time: Dec 30 04:06:11 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)

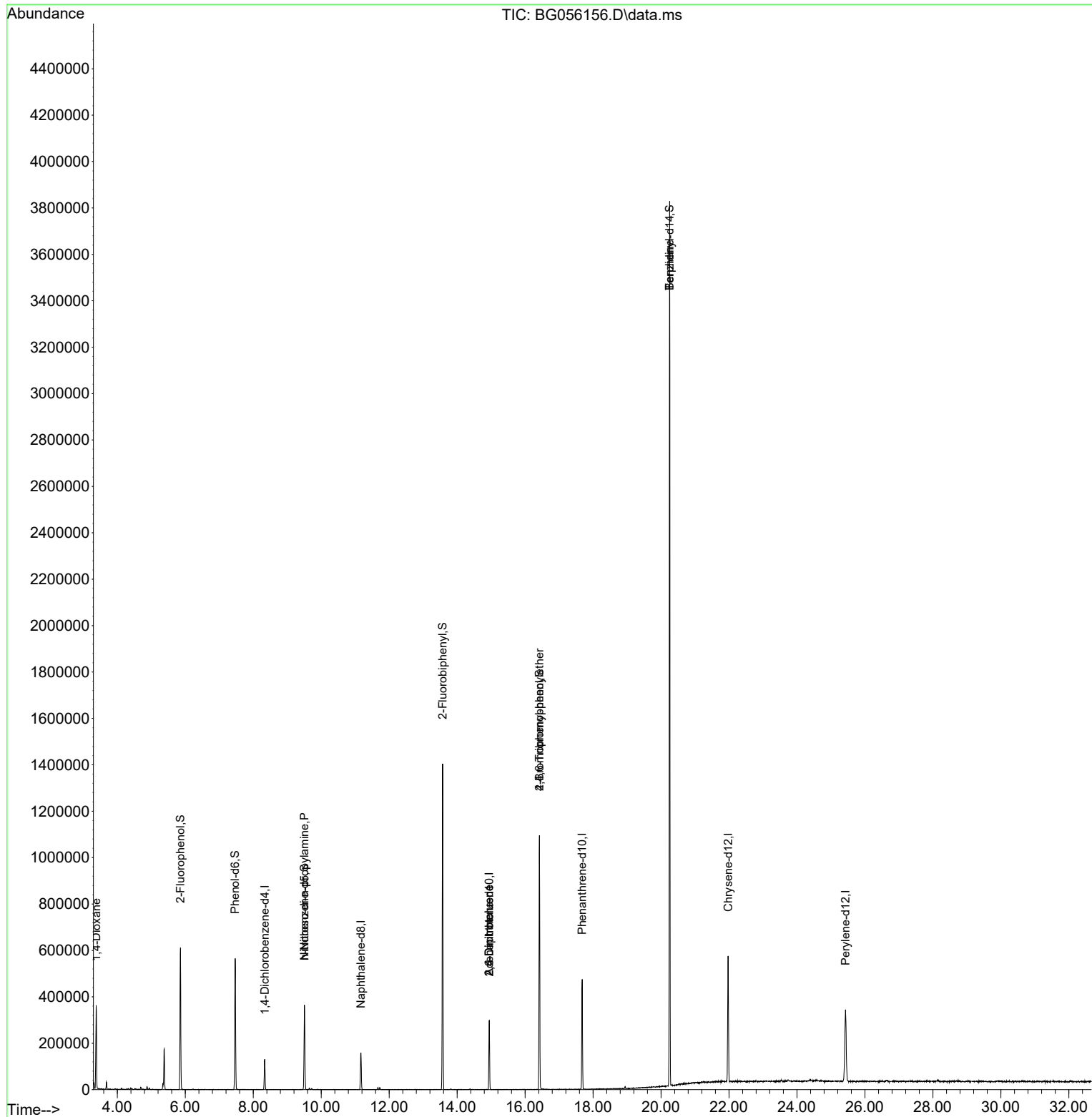
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.338	152	42914	20.000	ng	0.00
21) Naphthalene-d8	11.170	136	147486	20.000	ng	# 0.00
39) Acenaphthene-d10	14.942	164	118739	20.000	ng	0.00
64) Phenanthrene-d10	17.680	188	339260	20.000	ng	0.00
76) Chrysene-d12	21.975	240	367960	20.000	ng	0.00
86) Perylene-d12	25.430	264	379067	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.859	112	332370	138.287	ng	0.00
7) Phenol-d6	7.468	99	424336	114.963	ng	0.00
23) Nitrobenzene-d5	9.507	82	260274	90.269	ng	0.00
42) 2,4,6-Tribromophenol	16.423	330	225762	150.127	ng	0.00
45) 2-Fluorobiphenyl	13.573	172	792379	92.151	ng	0.00
79) Terphenyl-d14	20.253	244	2042232	99.406	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.379	88	5041	4.592	ng	# 1
19) n-Nitroso-di-n-propyla...	9.507	70	32622	14.534	ng	# 73
51) 2,6-Dinitrotoluene	14.942	165	14693	7.194	ng	# 31
57) 2,4-Dinitrotoluene	14.942	165	14693	5.144	ng	# 28
67) 4-Bromophenyl-phenylether	16.423	248	18856	4.365	ng	# 1
77) Benzidine	20.253	184	29721	2.305	ng	# 91

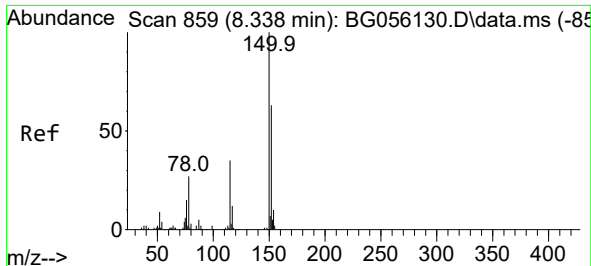
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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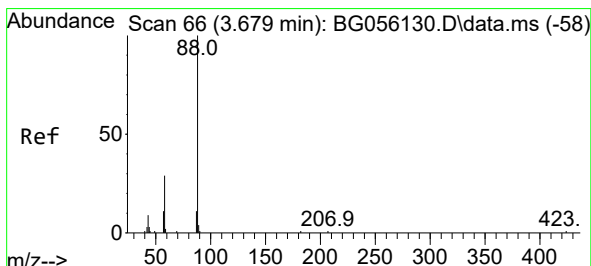
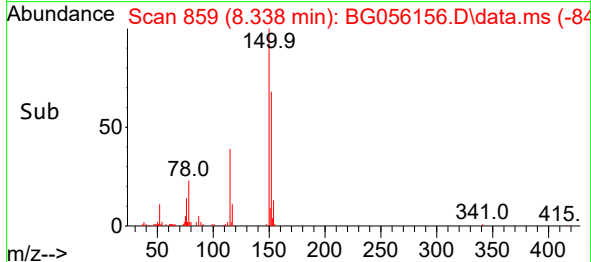
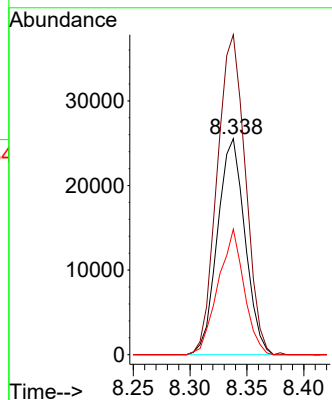
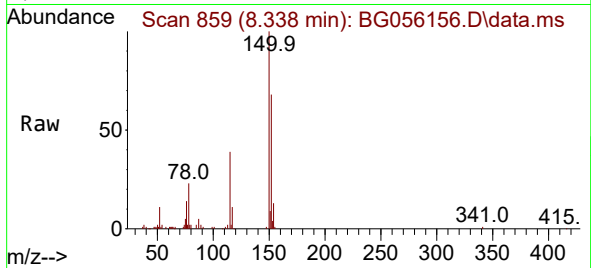




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.338 min Scan# 8
 Delta R.T. 0.000 min
 Lab File: BG056156.D
 Acq: 29 Dec 2022 16:12

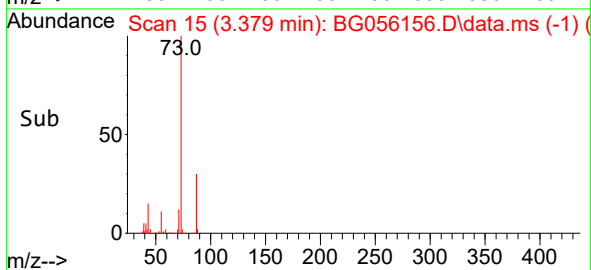
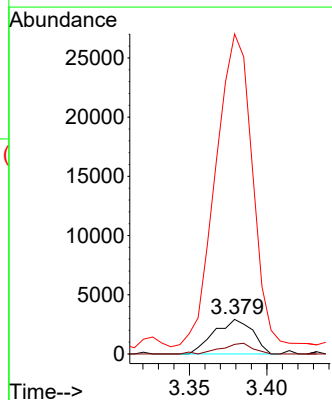
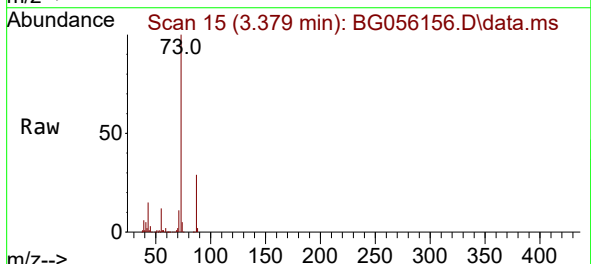
Instrument :
 BNA_G
 ClientSampleId :
 TP-2

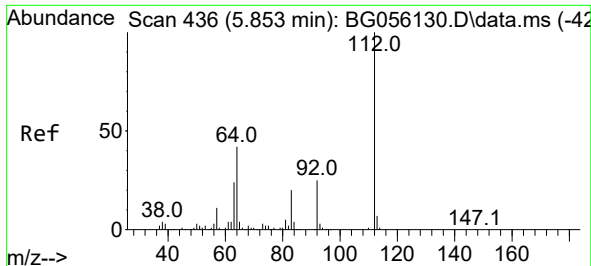
Tgt Ion:152 Resp: 42914
 Ion Ratio Lower Upper
 152 100
 150 148.1 127.9 191.9
 115 58.1 44.2 66.2



#2
 1,4-Dioxane
 Concen: 4.592 ng
 RT: 3.379 min Scan# 15
 Delta R.T. -0.300 min
 Lab File: BG056156.D
 Acq: 29 Dec 2022 16:12

Tgt Ion: 88 Resp: 5041
 Ion Ratio Lower Upper
 88 100
 58 25.5 21.4 32.0
 43 864.9 7.1 10.7#

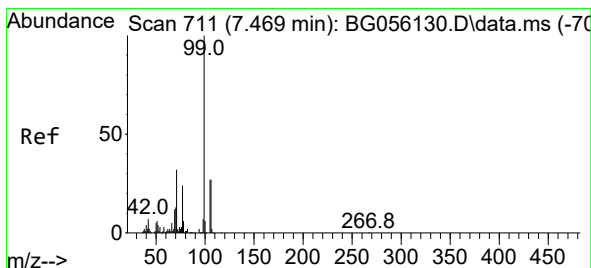
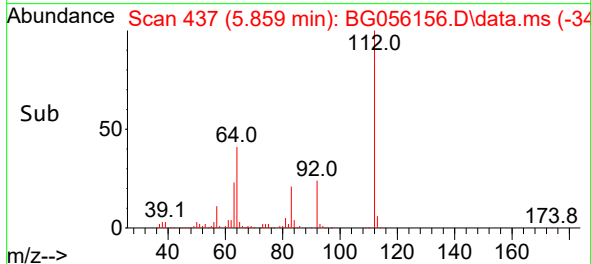
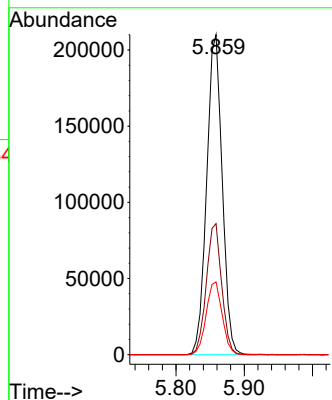
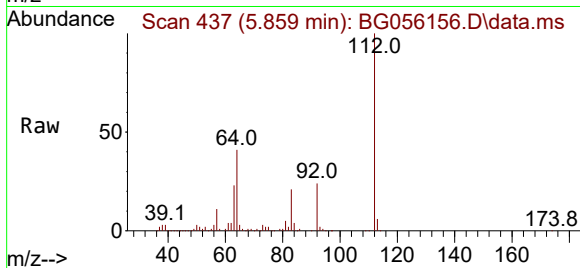




#5
2-Fluorophenol
Concen: 138.287 ng
RT: 5.859 min Scan# 41
Delta R.T. 0.006 min
Lab File: BG056156.D
Acq: 29 Dec 2022 16:12

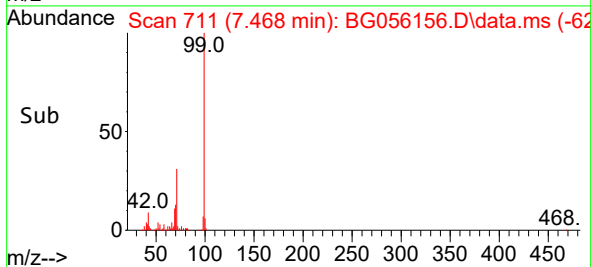
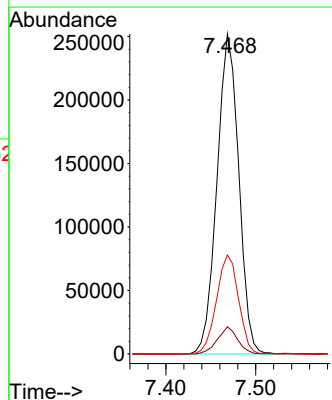
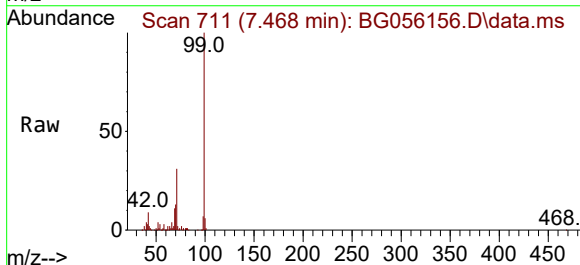
Instrument :
BNA_G
ClientSampleId :
TP-2

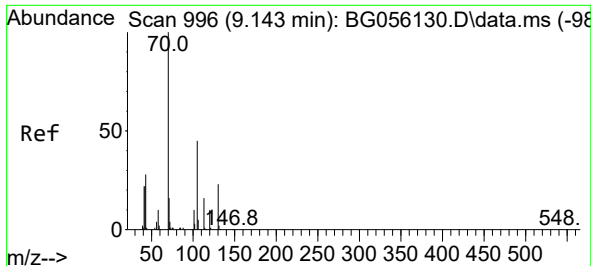
Tgt Ion:112 Resp: 332370
Ion Ratio Lower Upper
112 100
64 41.0 33.3 49.9
63 22.7 19.0 28.4



#7
Phenol-d6
Concen: 114.963 ng
RT: 7.468 min Scan# 711
Delta R.T. -0.000 min
Lab File: BG056156.D
Acq: 29 Dec 2022 16:12

Tgt Ion: 99 Resp: 424336
Ion Ratio Lower Upper
99 100
42 8.5 5.9 8.9
71 30.9 25.4 38.2

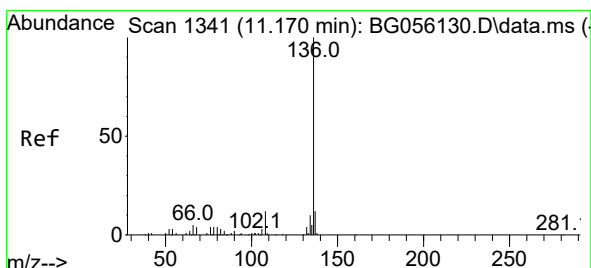
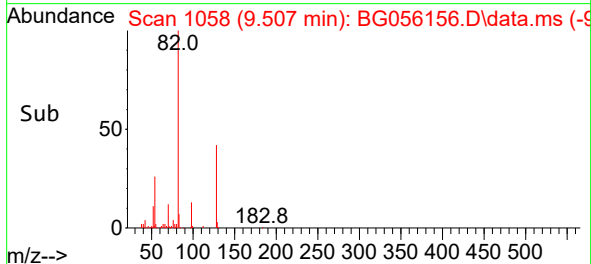
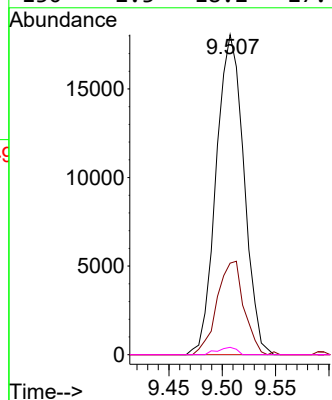
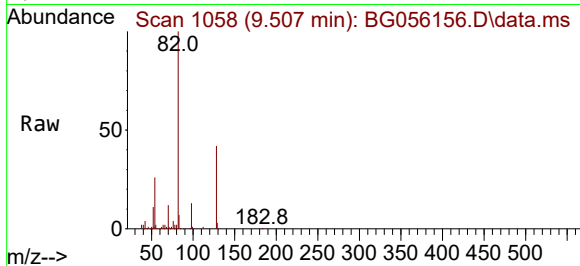




#19
n-Nitroso-di-n-propylamine
Concen: 14.534 ng
RT: 9.507 min Scan# 1058
Delta R.T. 0.364 min
Lab File: BG056156.D
Acq: 29 Dec 2022 16:12

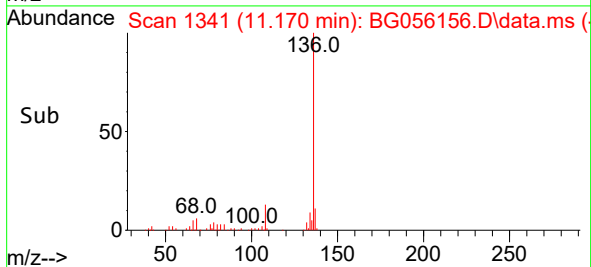
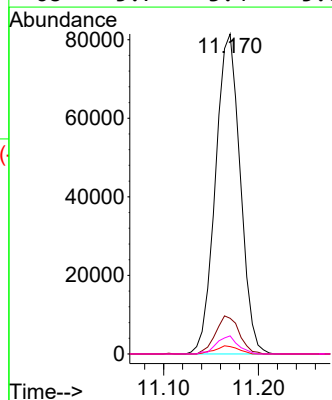
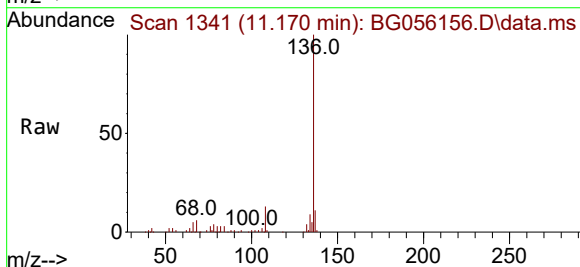
Instrument :
BNA_G
ClientSampleId :
TP-2

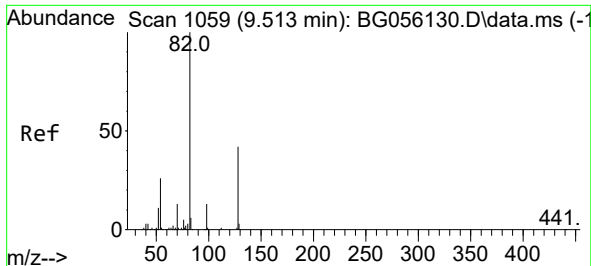
Tgt Ion: 70 Resp: 32622
Ion Ratio Lower Upper
70 100
42 28.6 18.2 27.2#
101 0.0 8.3 12.5#
130 2.3 18.2 27.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.170 min Scan# 1341
Delta R.T. -0.000 min
Lab File: BG056156.D
Acq: 29 Dec 2022 16:12

Tgt Ion:136 Resp: 147486
Ion Ratio Lower Upper
136 100
137 11.2 9.4 14.0
54 2.3 2.2 3.2
68 5.7 3.4 5.0#

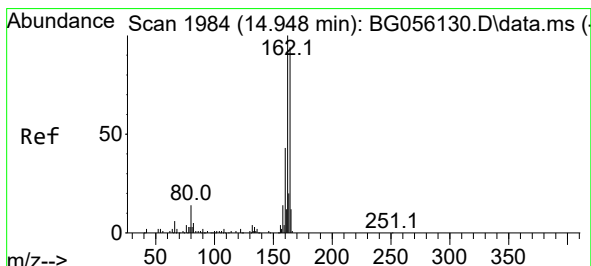
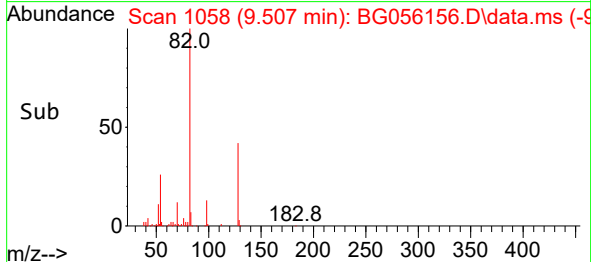
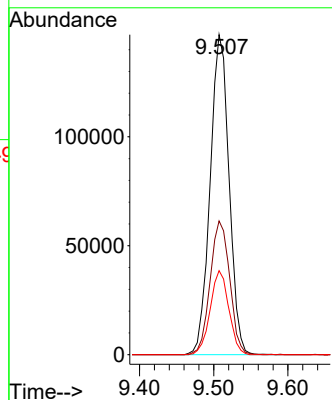
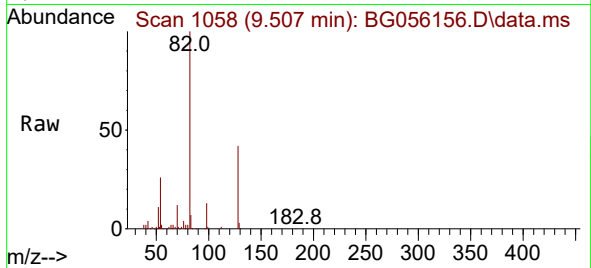




#23
Nitrobenzene-d5
Concen: 90.269 ng
RT: 9.507 min Scan# 1058
Delta R.T. -0.006 min
Lab File: BG056156.D
Acq: 29 Dec 2022 16:12

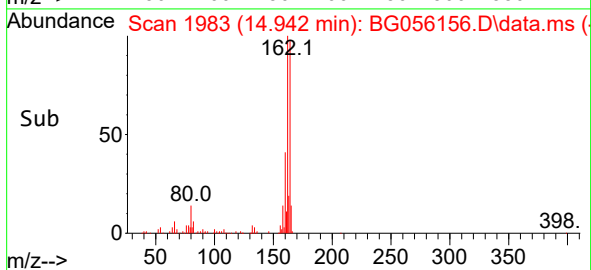
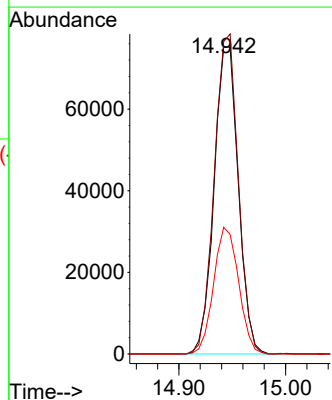
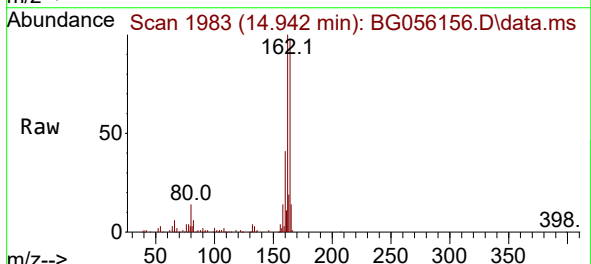
Instrument :
BNA_G
ClientSampleId :
TP-2

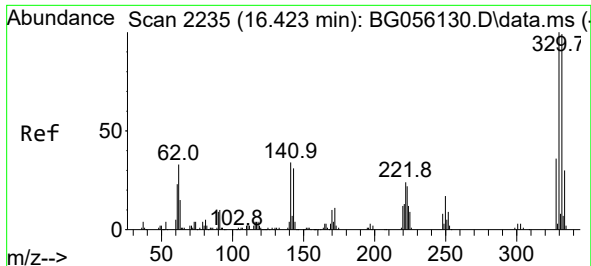
Tgt Ion: 82 Resp: 260274
Ion Ratio Lower Upper
82 100
128 41.8 33.4 50.2
54 26.3 20.3 30.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.942 min Scan# 1983
Delta R.T. -0.006 min
Lab File: BG056156.D
Acq: 29 Dec 2022 16:12

Tgt Ion: 164 Resp: 118739
Ion Ratio Lower Upper
164 100
162 101.7 84.7 127.1
160 41.3 36.3 54.5

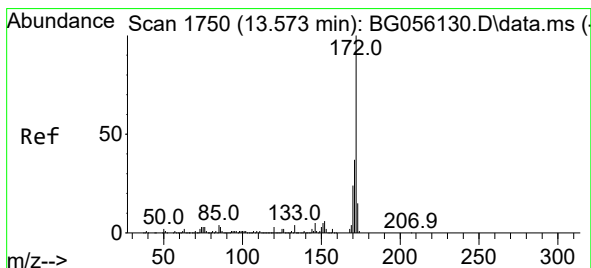
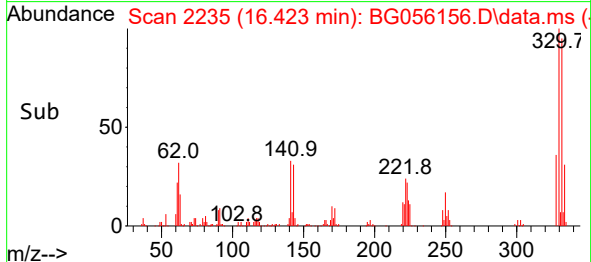
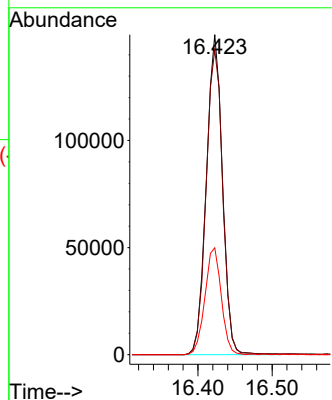
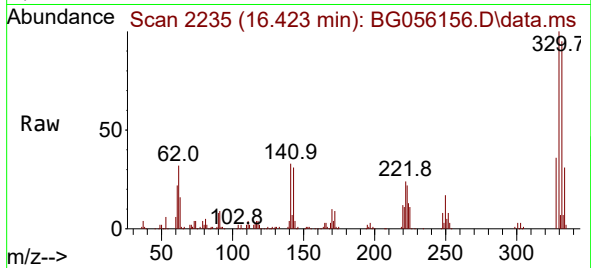




#42
2,4,6-Tribromophenol
Concen: 150.127 ng
RT: 16.423 min Scan# 21
Delta R.T. -0.000 min
Lab File: BG056156.D
Acq: 29 Dec 2022 16:12

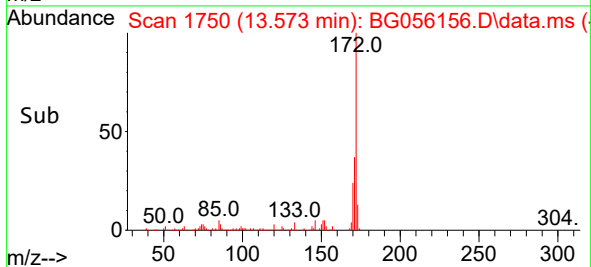
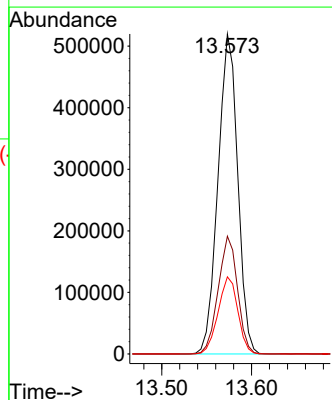
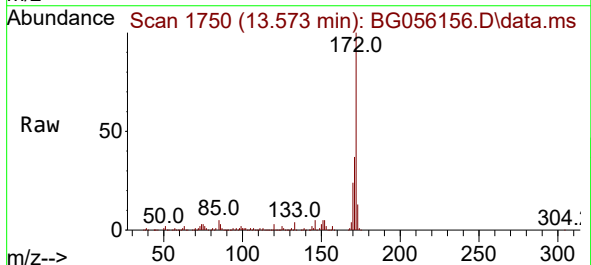
Instrument :
BNA_G
ClientSampleId :
TP-2

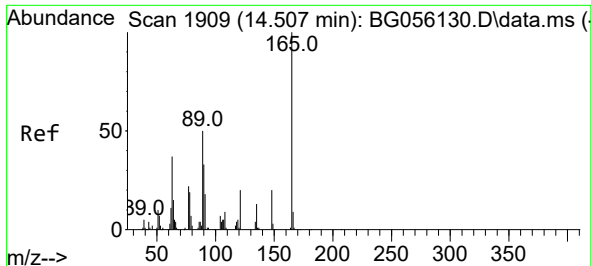
Tgt Ion:330 Resp: 225762
Ion Ratio Lower Upper
330 100
332 97.9 77.3 115.9
141 33.9 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 92.151 ng
RT: 13.573 min Scan# 1750
Delta R.T. -0.000 min
Lab File: BG056156.D
Acq: 29 Dec 2022 16:12

Tgt Ion:172 Resp: 792379
Ion Ratio Lower Upper
172 100
171 36.8 29.6 44.4
170 24.1 19.4 29.2

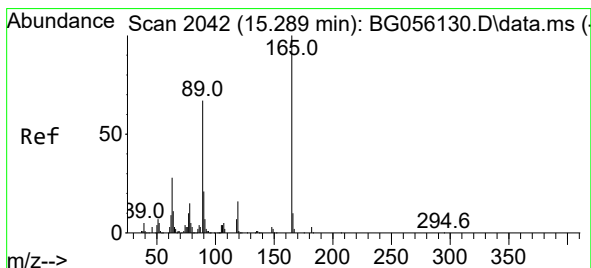
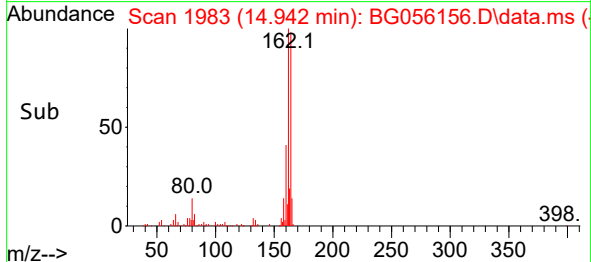
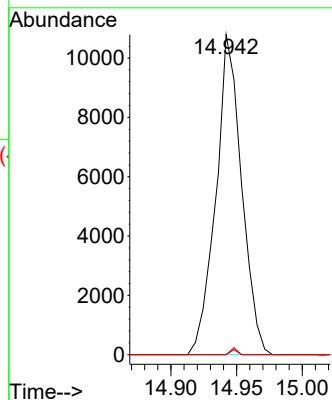
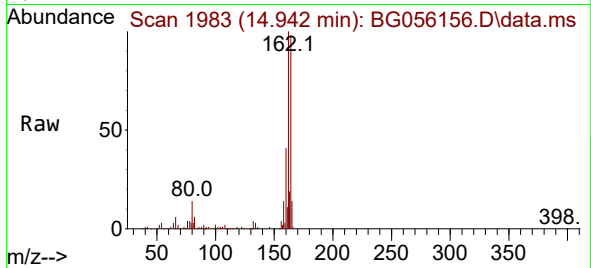




#51
2,6-Dinitrotoluene
Concen: 7.194 ng
RT: 14.942 min Scan# 1909
Delta R.T. 0.435 min
Lab File: BG056156.D
Acq: 29 Dec 2022 16:12

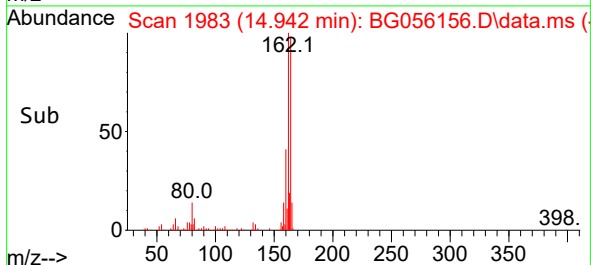
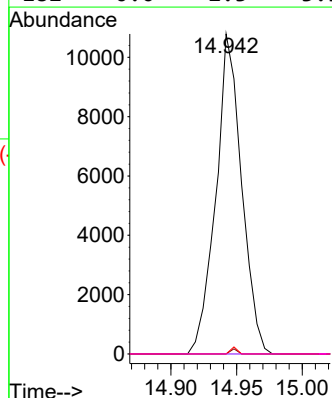
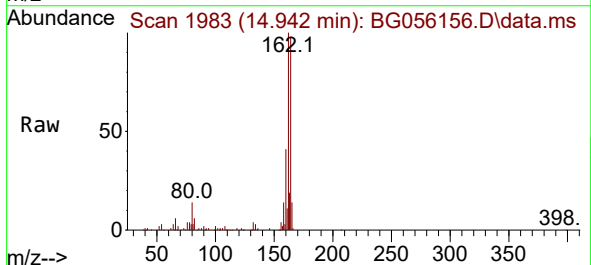
Instrument :
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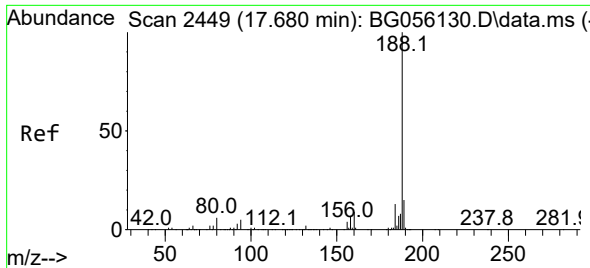
Tgt Ion:165 Resp: 14693
Ion Ratio Lower Upper
165 100
63 0.0 32.2 48.2#
89 0.0 39.8 59.8#



#57
2,4-Dinitrotoluene
Concen: 5.144 ng
RT: 14.942 min Scan# 1983
Delta R.T. -0.347 min
Lab File: BG056156.D
Acq: 29 Dec 2022 16:12

Tgt Ion:165 Resp: 14693
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#

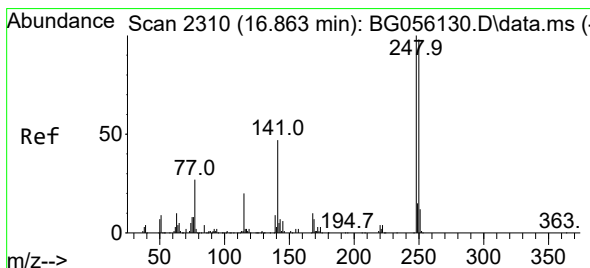
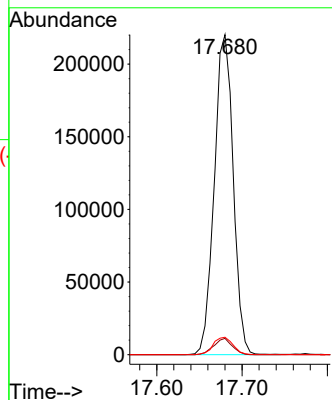
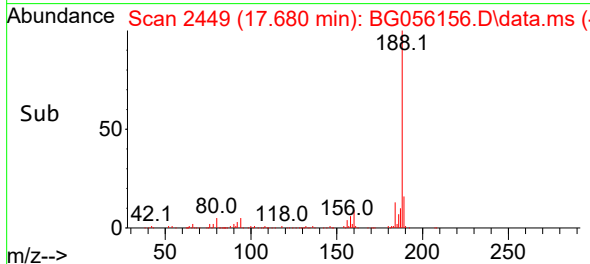
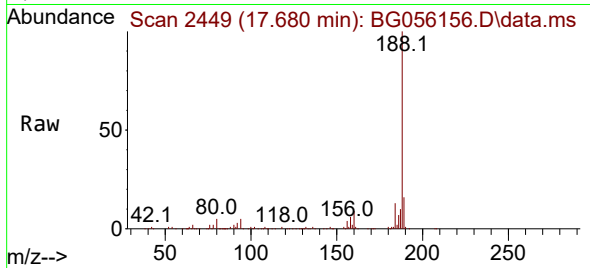




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.680 min Scan# 2449
Delta R.T. -0.000 min
Lab File: BG056156.D
Acq: 29 Dec 2022 16:12

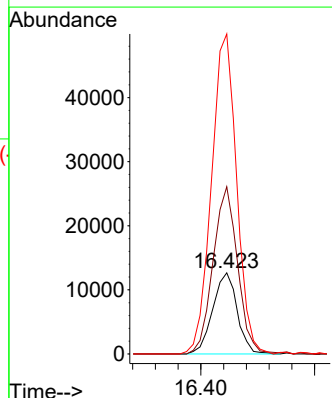
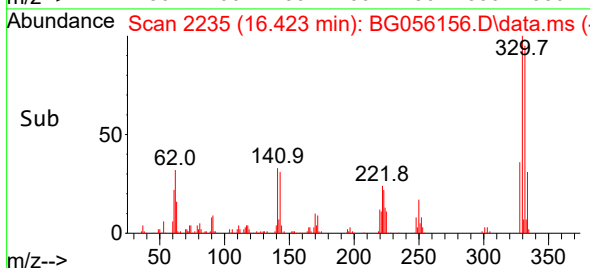
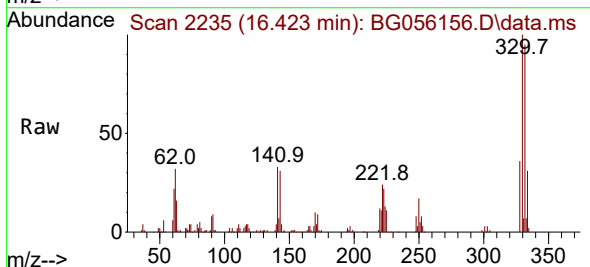
Instrument :
BNA_G
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TP-2

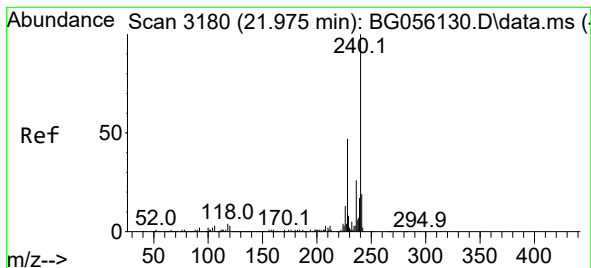
Tgt Ion:188 Resp: 339260
Ion Ratio Lower Upper
188 100
94 5.1 4.2 6.2
80 5.5 5.0 7.4



#67
4-Bromophenyl-phenylether
Concen: 4.365 ng
RT: 16.423 min Scan# 2235
Delta R.T. -0.441 min
Lab File: BG056156.D
Acq: 29 Dec 2022 16:12

Tgt Ion:248 Resp: 18856
Ion Ratio Lower Upper
248 100
250 205.9 78.2 117.4#
141 394.3 37.6 56.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.975 min Scan# 31

Delta R.T. -0.000 min

Lab File: BG056156.D

Acq: 29 Dec 2022 16:12

Instrument :

BNA_G

ClientSampleId :

TP-2

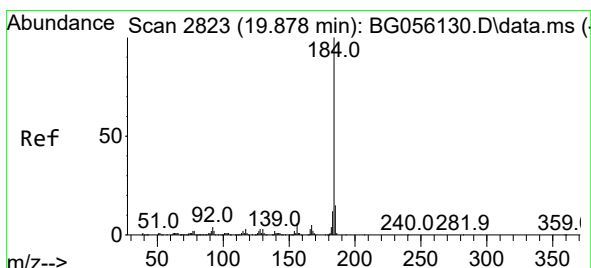
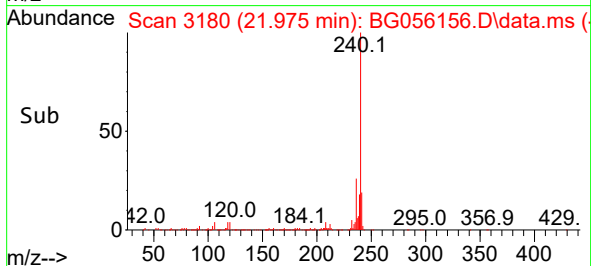
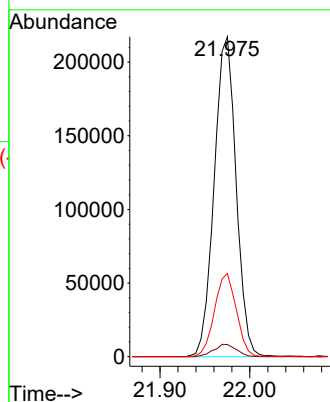
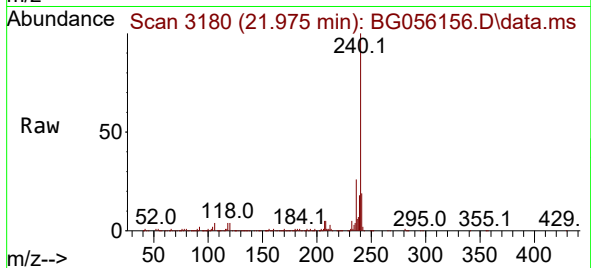
Tgt Ion:240 Resp: 367960

Ion Ratio Lower Upper

240 100

120 3.8 2.6 4.0

236 26.0 20.8 31.2



#77

Benzidine

Concen: 2.305 ng

RT: 20.253 min Scan# 2887

Delta R.T. 0.376 min

Lab File: BG056156.D

Acq: 29 Dec 2022 16:12

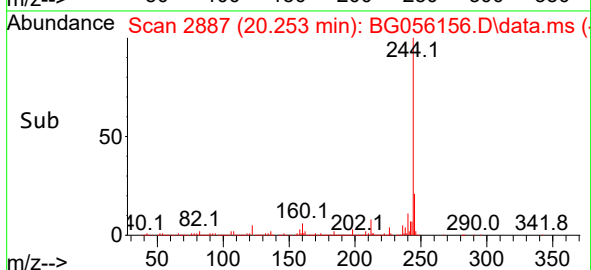
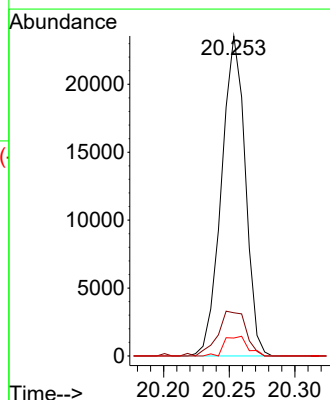
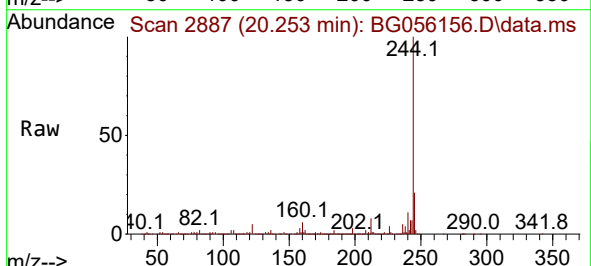
Tgt Ion:184 Resp: 29721

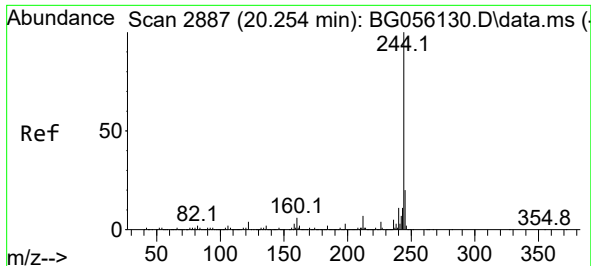
Ion Ratio Lower Upper

184 100

185 13.5 12.2 18.2

183 5.6 9.4 14.0#

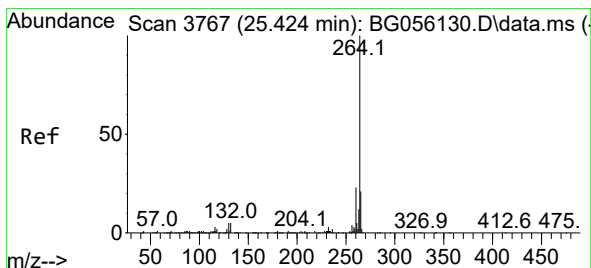
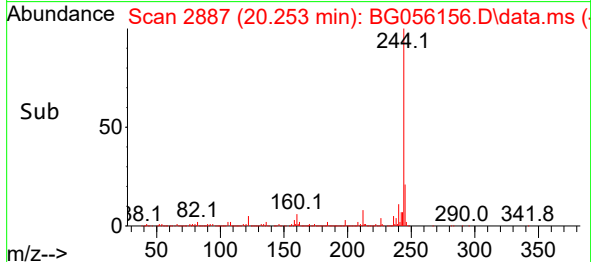
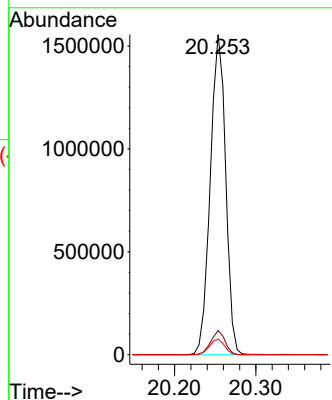
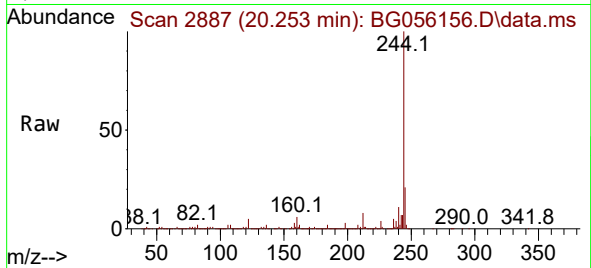




#79
 Terphenyl-d14
 Concen: 99.406 ng
 RT: 20.253 min Scan# 2887
 Delta R.T. -0.000 min
 Lab File: BG056156.D
 Acq: 29 Dec 2022 16:12

Instrument :
 BNA_G
 ClientSampleId :
 TP-2

Tgt Ion:244 Resp: 2042232
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.7 8.5
 122 4.8 3.5 5.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.430 min Scan# 3768
 Delta R.T. 0.006 min
 Lab File: BG056156.D
 Acq: 29 Dec 2022 16:12

Tgt Ion:264 Resp: 379067
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.6 28.0
 265 22.7 16.7 25.1

