

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122922\
 Data File : BG056162.D
 Acq On : 29 Dec 2022 20:18
 Operator : CG/JU
 Sample : N6231-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-3S

Quant Time: Dec 30 04:08:17 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)

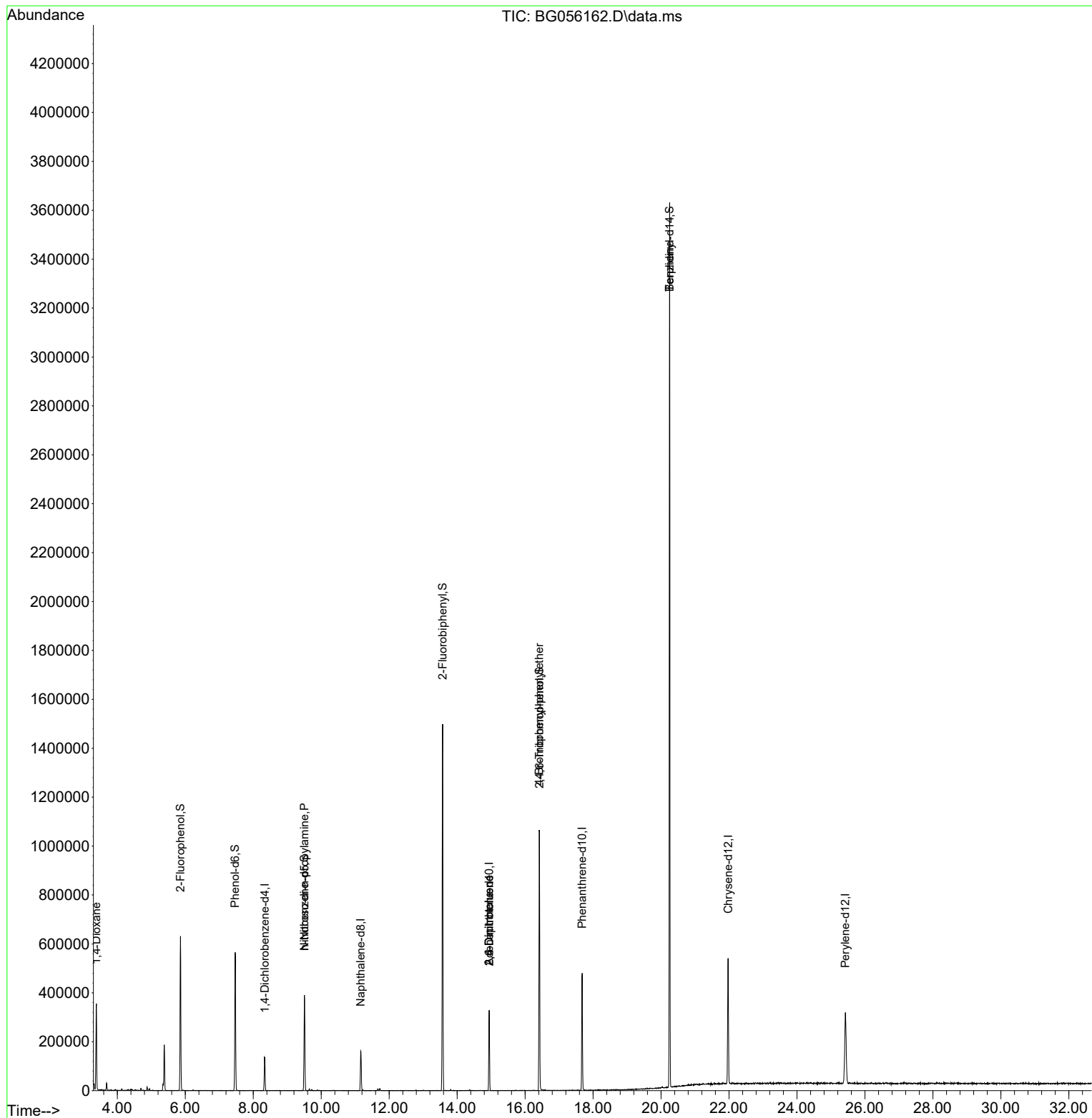
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.338	152	45124	20.000	ng	0.00
21) Naphthalene-d8	11.164	136	151637	20.000	ng	0.00
39) Acenaphthene-d10	14.942	164	125602	20.000	ng	0.00
64) Phenanthrene-d10	17.680	188	346096	20.000	ng	0.00
76) Chrysene-d12	21.975	240	353518	20.000	ng	0.00
86) Perylene-d12	25.424	264	375265	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.859	112	339559	134.359	ng	0.00
7) Phenol-d6	7.469	99	431405	111.154	ng	0.00
23) Nitrobenzene-d5	9.507	82	281685	95.021	ng	0.00
42) 2,4,6-Tribromophenol	16.423	330	221168	139.036	ng	0.00
45) 2-Fluorobiphenyl	13.573	172	849197	93.363	ng	0.00
79) Terphenyl-d14	20.254	244	1855440	94.003	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.379	88	4685	4.059	ng	# 1
19) n-Nitroso-di-n-propyla...	9.507	70	35355	14.980	ng	# 73
51) 2,6-Dinitrotoluene	14.942	165	16490	7.632	ng	# 33
57) 2,4-Dinitrotoluene	14.942	165	16490	5.458	ng	# 29
67) 4-Bromophenyl-phenylether	16.417	248	19241	4.366	ng	# 1
77) Benzidine	20.254	184	26600	2.147	ng	# 95

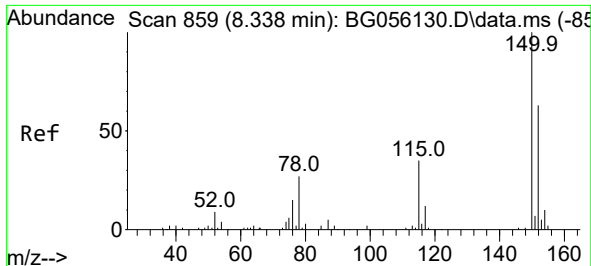
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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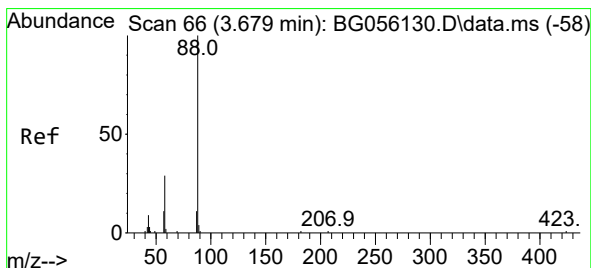
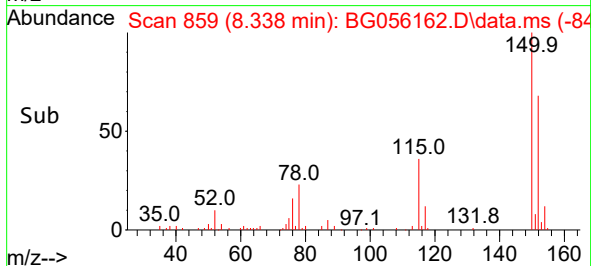
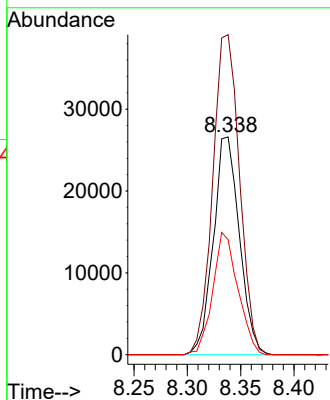
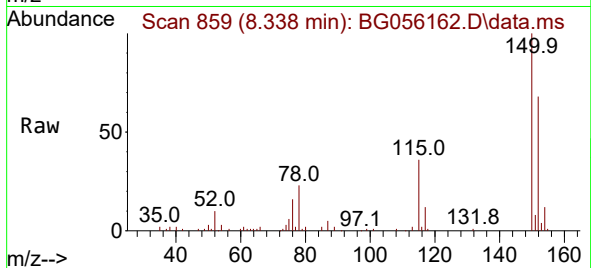




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.338 min Scan# 8
 Delta R.T. 0.000 min
 Lab File: BG056162.D
 Acq: 29 Dec 2022 20:18

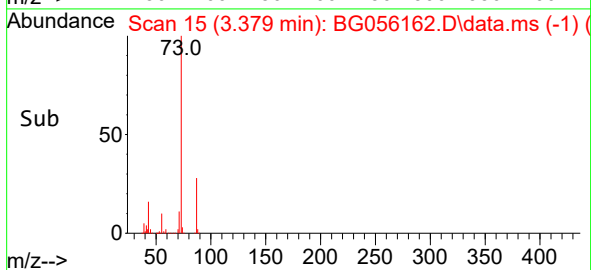
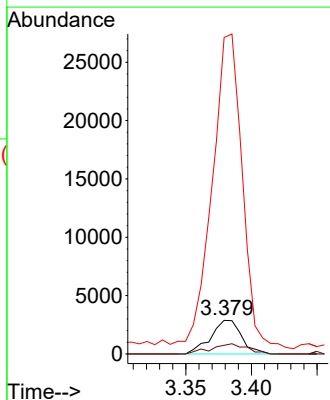
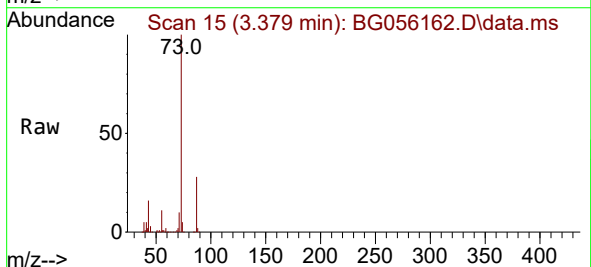
Instrument :
 BNA_G
 ClientSampleId :
 TP-3S

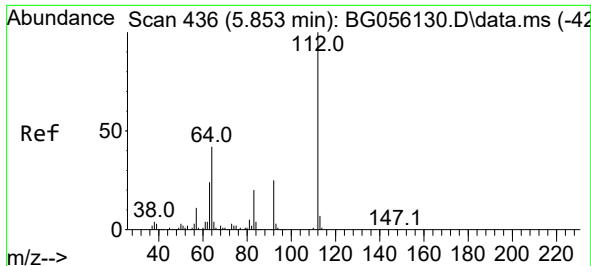
Tgt Ion:152 Resp: 45124
 Ion Ratio Lower Upper
 152 100
 150 146.9 127.9 191.9
 115 52.9 44.2 66.2



#2
 1,4-Dioxane
 Concen: 4.059 ng
 RT: 3.379 min Scan# 15
 Delta R.T. -0.300 min
 Lab File: BG056162.D
 Acq: 29 Dec 2022 20:18

Tgt Ion: 88 Resp: 4685
 Ion Ratio Lower Upper
 88 100
 58 34.9 21.4 32.0#
 43 922.1 7.1 10.7#

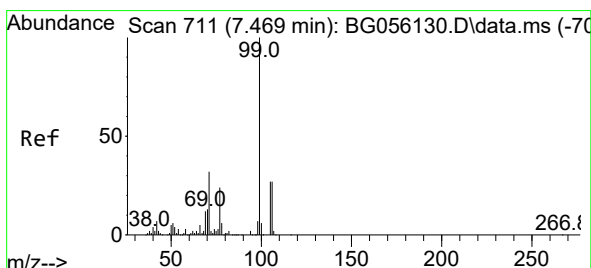
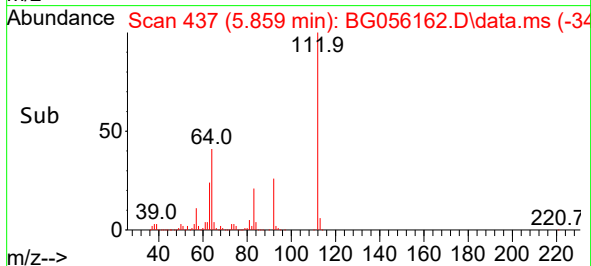
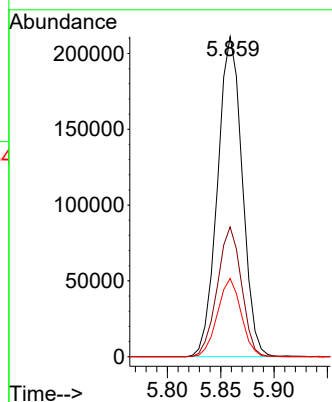
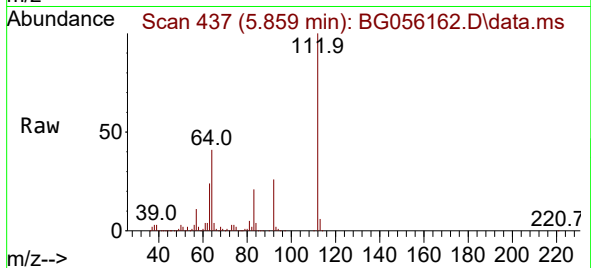




#5
2-Fluorophenol
Concen: 134.359 ng
RT: 5.859 min Scan# 436
Delta R.T. 0.006 min
Lab File: BG056162.D
Acq: 29 Dec 2022 20:18

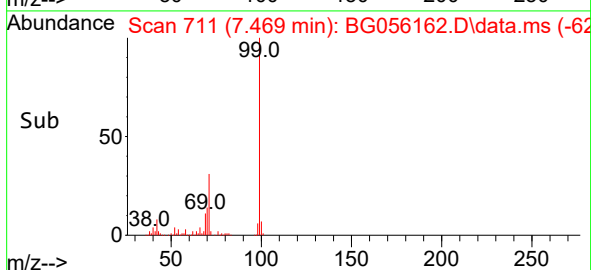
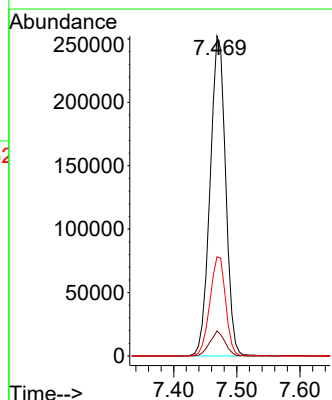
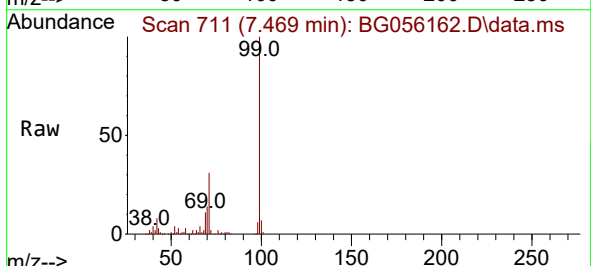
Instrument :
BNA_G
ClientSampleId :
TP-3S

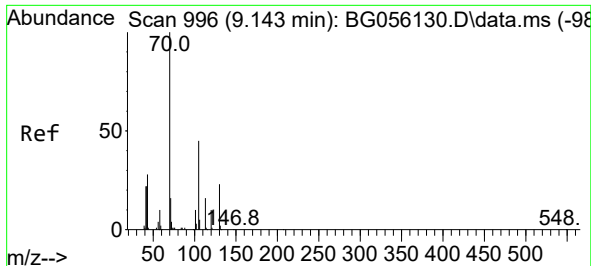
Tgt Ion:112 Resp: 339559
Ion Ratio Lower Upper
112 100
64 40.6 33.3 49.9
63 24.5 19.0 28.4



#7
Phenol-d6
Concen: 111.154 ng
RT: 7.469 min Scan# 711
Delta R.T. -0.000 min
Lab File: BG056162.D
Acq: 29 Dec 2022 20:18

Tgt Ion: 99 Resp: 431405
Ion Ratio Lower Upper
99 100
42 7.8 5.9 8.9
71 31.0 25.4 38.2

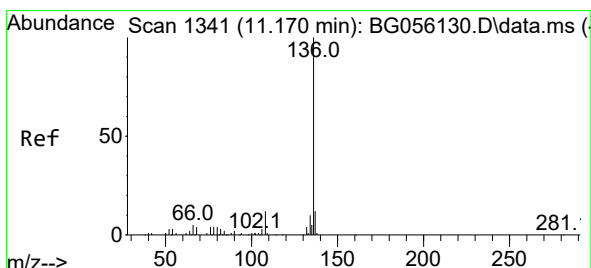
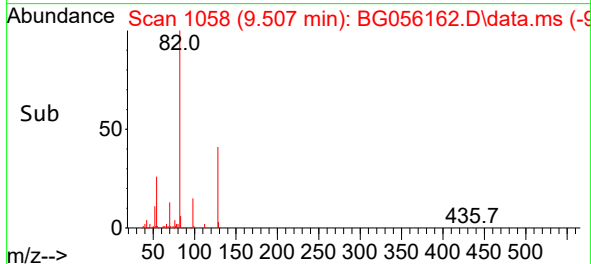
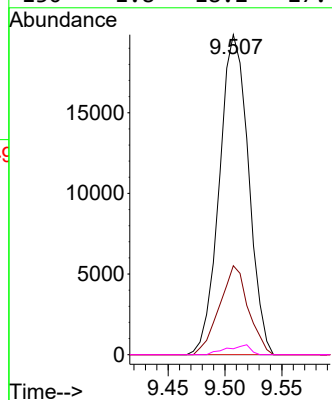
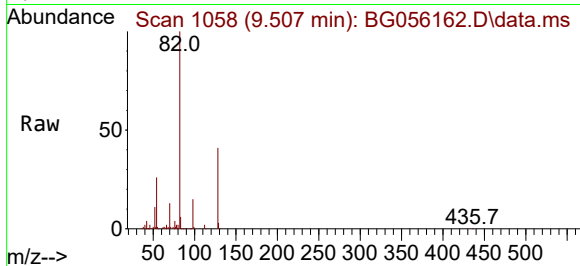




#19
n-Nitroso-di-n-propylamine
Concen: 14.980 ng
RT: 9.507 min Scan# 1058
Delta R.T. 0.364 min
Lab File: BG056162.D
Acq: 29 Dec 2022 20:18

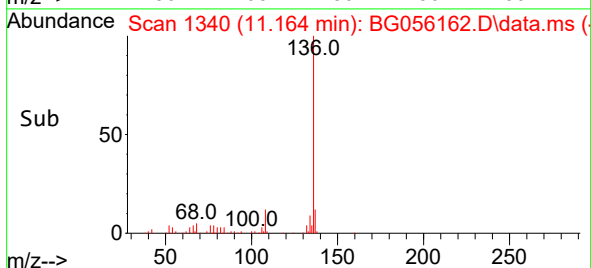
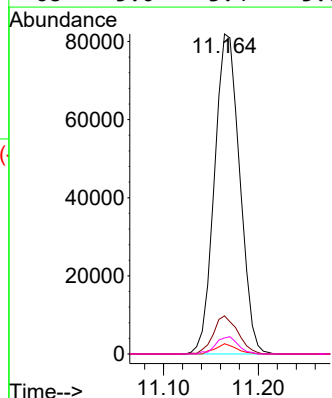
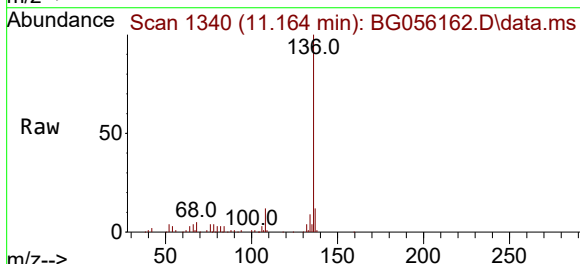
Instrument :
BNA_G
ClientSampleId :
TP-3S

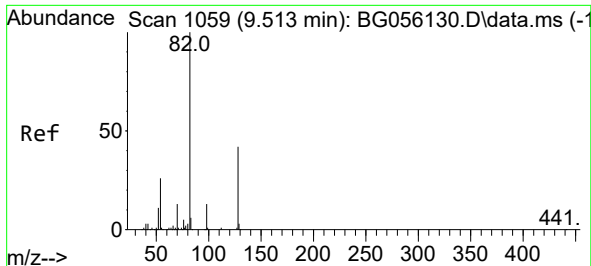
Tgt Ion: 70 Resp: 35355
Ion Ratio Lower Upper
70 100
42 27.8 18.2 27.2#
101 0.0 8.3 12.5#
130 1.8 18.2 27.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.164 min Scan# 1340
Delta R.T. -0.006 min
Lab File: BG056162.D
Acq: 29 Dec 2022 20:18

Tgt Ion: 136 Resp: 151637
Ion Ratio Lower Upper
136 100
137 11.9 9.4 14.0
54 3.2 2.2 3.2
68 5.0 3.4 5.0

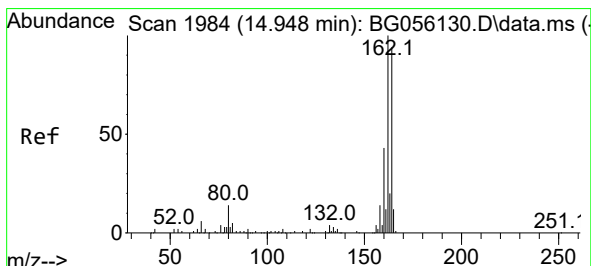
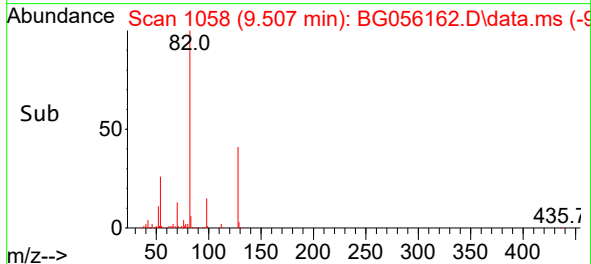
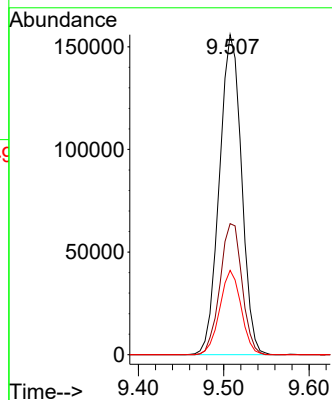
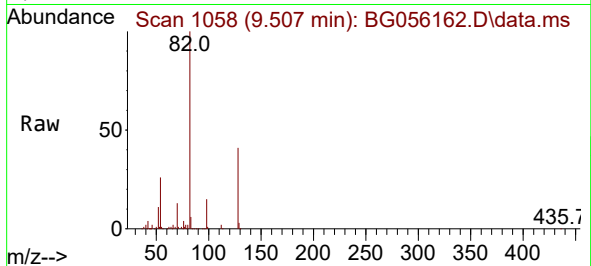




#23
Nitrobenzene-d5
Concen: 95.021 ng
RT: 9.507 min Scan# 1058
Delta R.T. -0.006 min
Lab File: BG056162.D
Acq: 29 Dec 2022 20:18

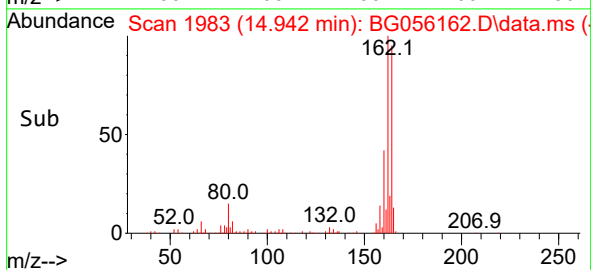
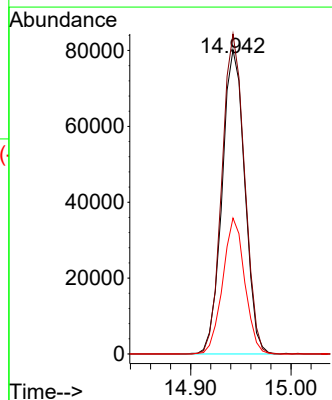
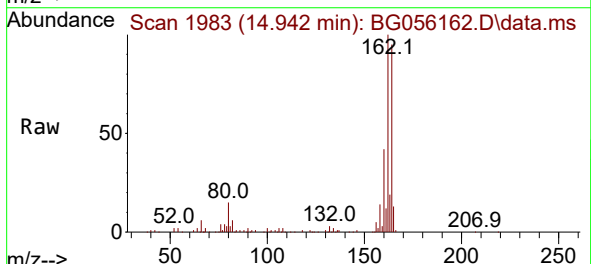
Instrument :
BNA_G
ClientSampleId :
TP-3S

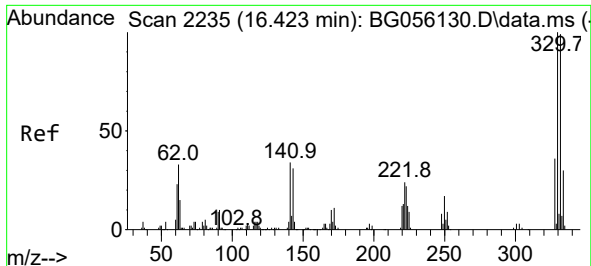
Tgt Ion: 82 Resp: 281685
Ion Ratio Lower Upper
82 100
128 41.0 33.4 50.2
54 26.3 20.3 30.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.942 min Scan# 1983
Delta R.T. -0.006 min
Lab File: BG056162.D
Acq: 29 Dec 2022 20:18

Tgt Ion:164 Resp: 125602
Ion Ratio Lower Upper
164 100
162 105.2 84.7 127.1
160 44.7 36.3 54.5





#42

2,4,6-Tribromophenol

Concen: 139.036 ng

RT: 16.423 min Scan# 21

Delta R.T. 0.000 min

Lab File: BG056162.D

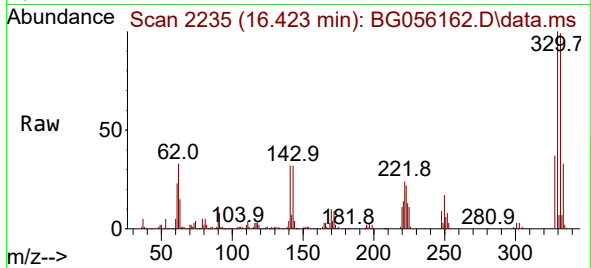
Acq: 29 Dec 2022 20:18

Instrument :

BNA_G

ClientSampleId :

TP-3S



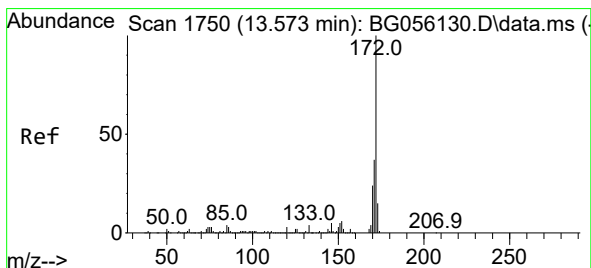
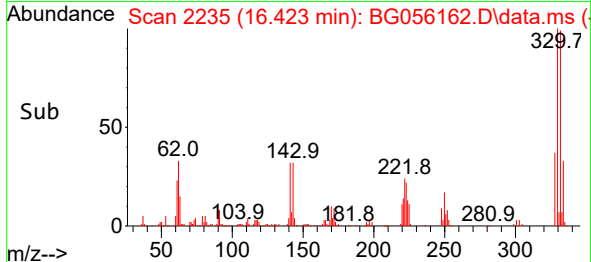
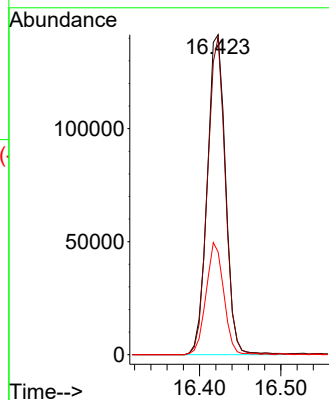
Tgt Ion:330 Resp: 221168

Ion Ratio Lower Upper

330 100

332 96.8 77.3 115.9

141 33.9 27.9 41.9



#45

2-Fluorobiphenyl

Concen: 93.363 ng

RT: 13.573 min Scan# 1750

Delta R.T. -0.000 min

Lab File: BG056162.D

Acq: 29 Dec 2022 20:18

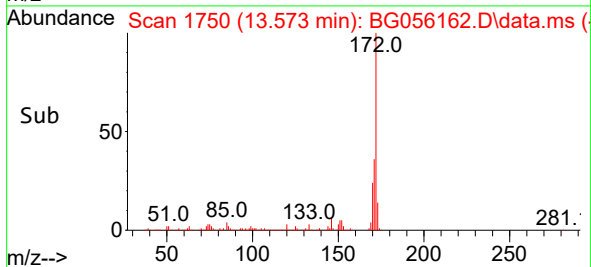
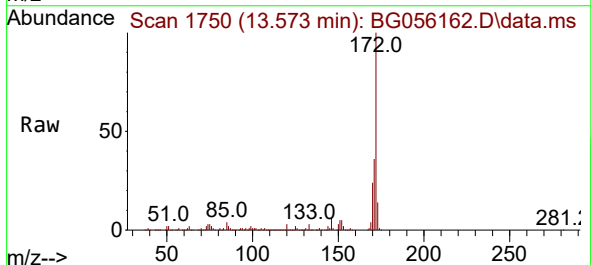
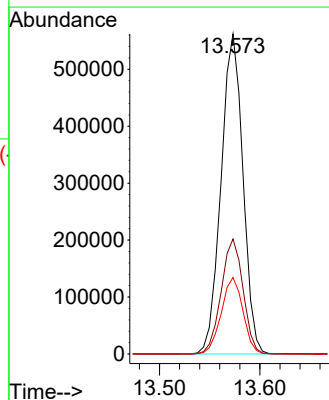
Tgt Ion:172 Resp: 849197

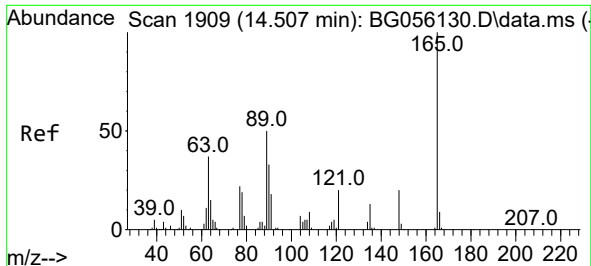
Ion Ratio Lower Upper

172 100

171 35.9 29.6 44.4

170 23.9 19.4 29.2

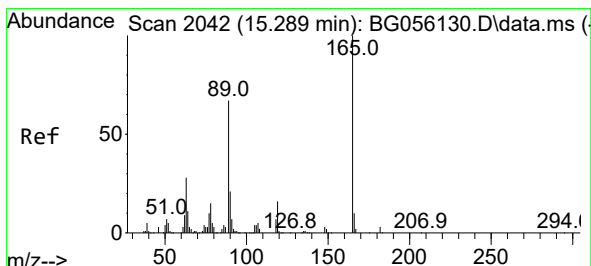
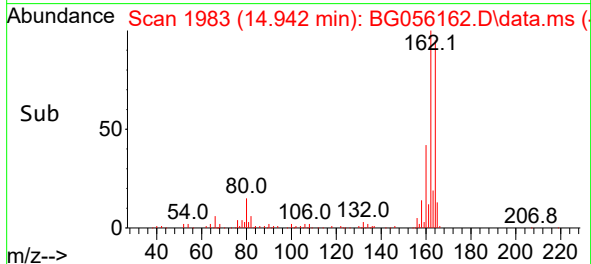
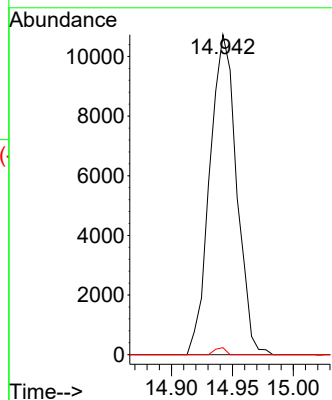
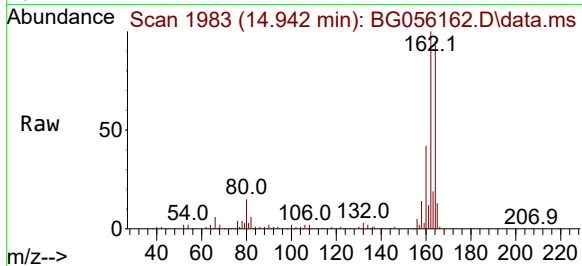




#51
2,6-Dinitrotoluene
Concen: 7.632 ng
RT: 14.942 min Scan# 1983
Delta R.T. 0.435 min
Lab File: BG056162.D
Acq: 29 Dec 2022 20:18

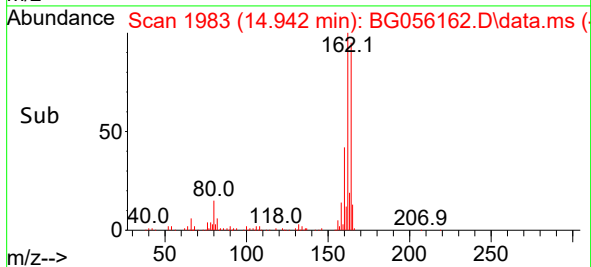
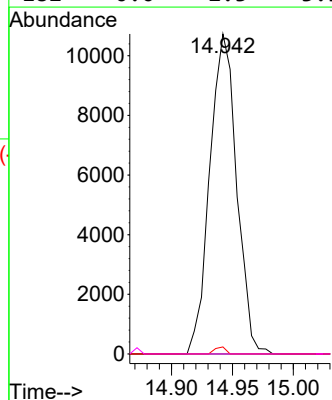
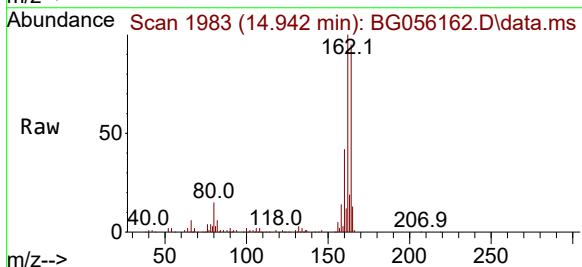
Instrument :
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TP-3S

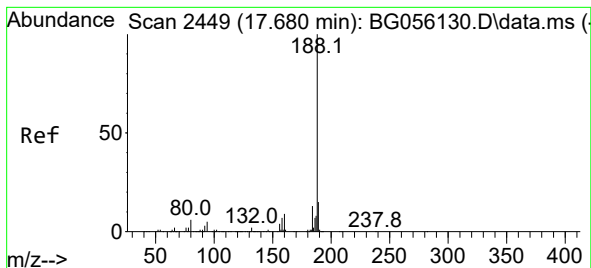
Tgt Ion:165 Resp: 16490
Ion Ratio Lower Upper
165 100
63 0.0 32.2 48.2#
89 2.2 39.8 59.8#



#57
2,4-Dinitrotoluene
Concen: 5.458 ng
RT: 14.942 min Scan# 1983
Delta R.T. -0.347 min
Lab File: BG056162.D
Acq: 29 Dec 2022 20:18

Tgt Ion:165 Resp: 16490
Ion Ratio Lower Upper
165 100
63 0.0 22.6 34.0#
89 2.2 53.2 79.8#
182 0.0 2.3 3.5#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.680 min Scan# 24

Delta R.T. 0.000 min

Lab File: BG056162.D

Acq: 29 Dec 2022 20:18

Instrument :

BNA_G

ClientSampleId :

TP-3S

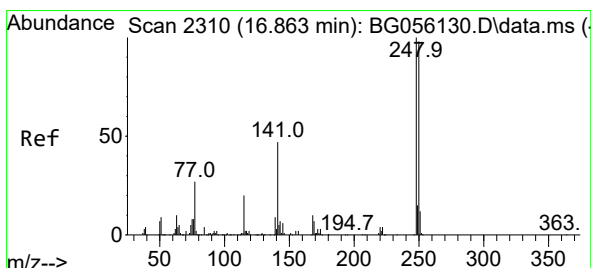
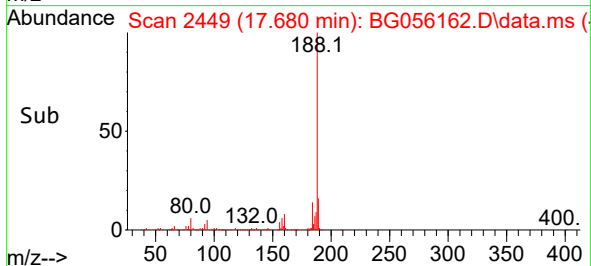
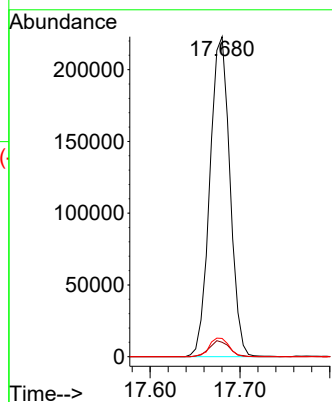
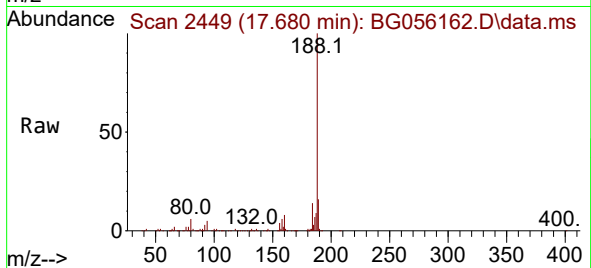
Tgt Ion:188 Resp: 346096

Ion Ratio Lower Upper

188 100

94 4.5 4.2 6.2

80 5.7 5.0 7.4



#67

4-Bromophenyl-phenylether

Concen: 4.366 ng

RT: 16.417 min Scan# 2234

Delta R.T. -0.447 min

Lab File: BG056162.D

Acq: 29 Dec 2022 20:18

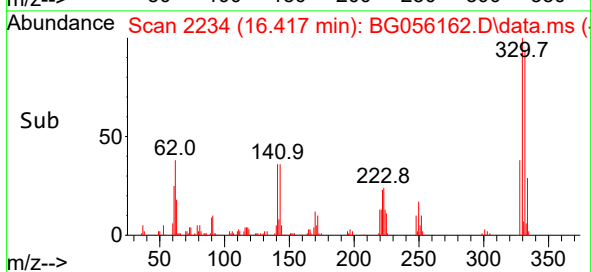
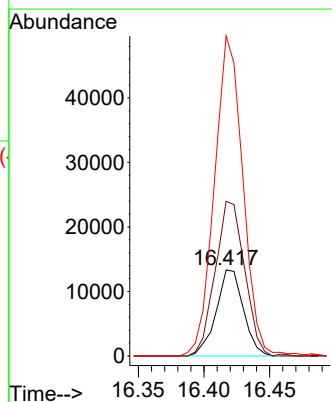
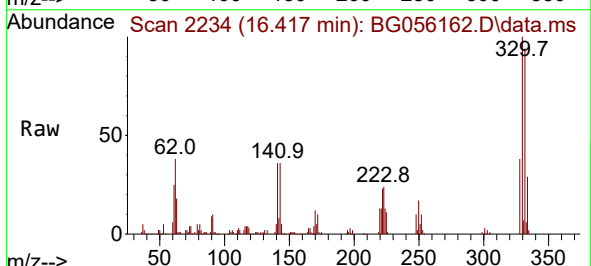
Tgt Ion:248 Resp: 19241

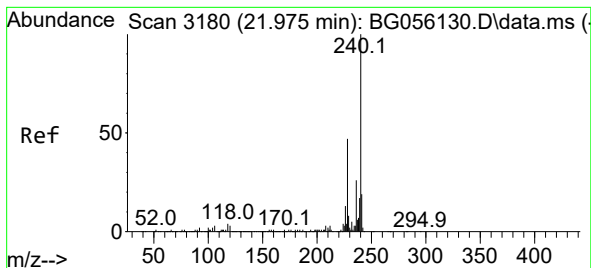
Ion Ratio Lower Upper

248 100

250 179.8 78.2 117.4#

141 371.8 37.6 56.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.975 min Scan# 3180

Delta R.T. 0.000 min

Lab File: BG056162.D

Acq: 29 Dec 2022 20:18

Instrument :

BNA_G

ClientSampleId :

TP-3S

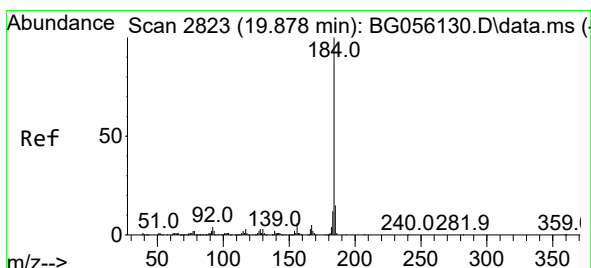
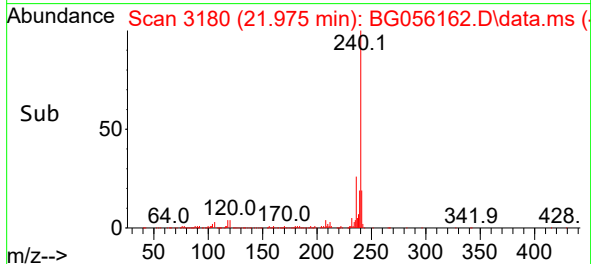
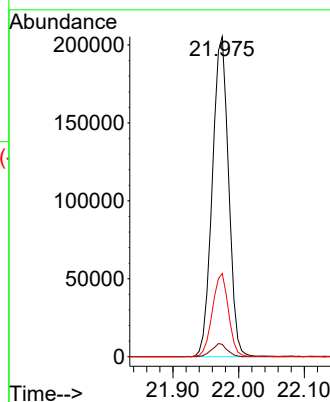
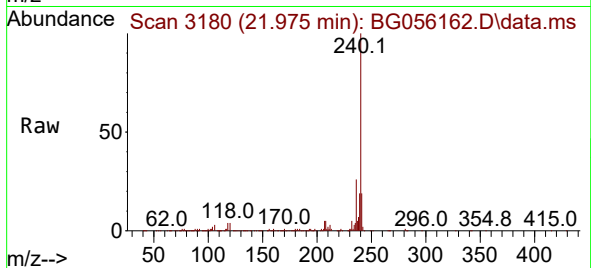
Tgt Ion:240 Resp: 353518

Ion Ratio Lower Upper

240 100

120 3.8 2.6 4.0

236 26.0 20.8 31.2



#77

Benzidine

Concen: 2.147 ng

RT: 20.254 min Scan# 2887

Delta R.T. 0.376 min

Lab File: BG056162.D

Acq: 29 Dec 2022 20:18

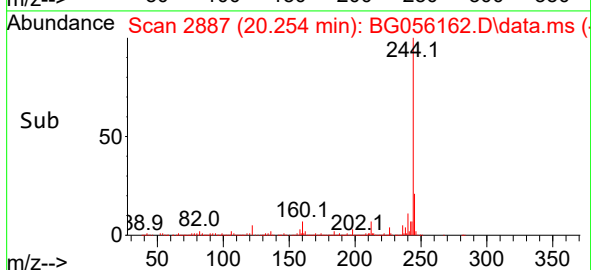
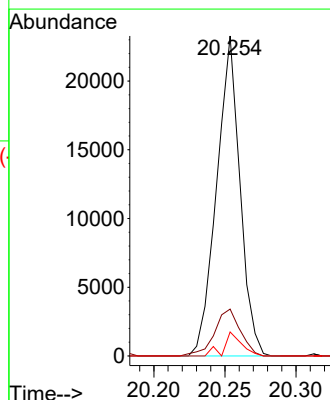
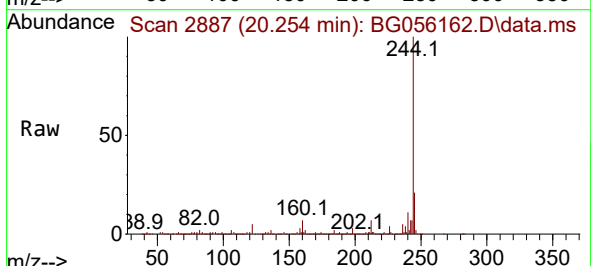
Tgt Ion:184 Resp: 26600

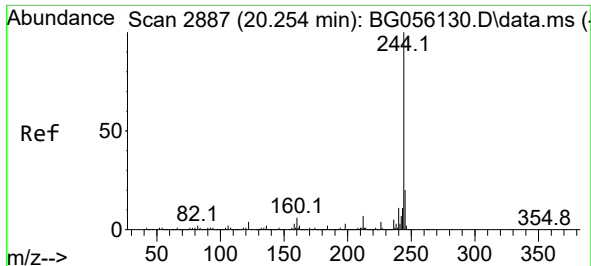
Ion Ratio Lower Upper

184 100

185 14.7 12.2 18.2

183 7.5 9.4 14.0#

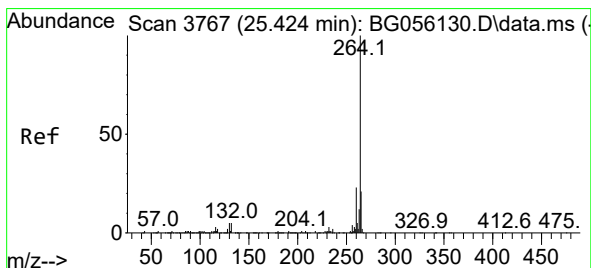
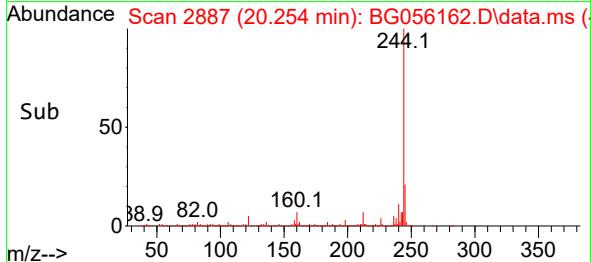
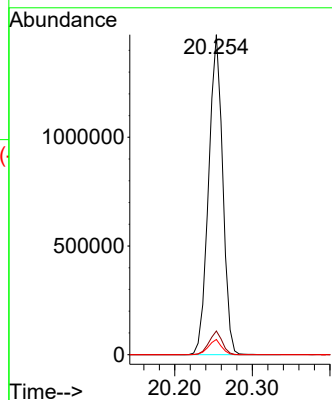
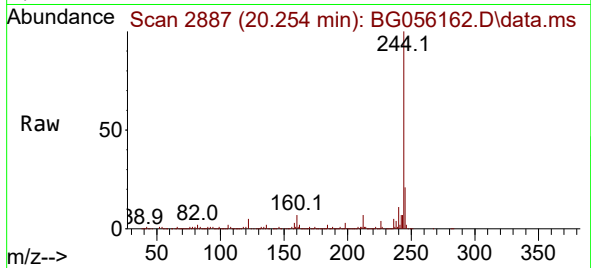




#79
 Terphenyl-d14
 Concen: 94.003 ng
 RT: 20.254 min Scan# 2887
 Delta R.T. -0.000 min
 Lab File: BG056162.D
 Acq: 29 Dec 2022 20:18

Instrument :
 BNA_G
 ClientSampleId :
 TP-3S

Tgt Ion:244 Resp: 1855440
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.7 8.5
 122 4.7 3.5 5.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.424 min Scan# 3767
 Delta R.T. 0.000 min
 Lab File: BG056162.D
 Acq: 29 Dec 2022 20:18

Tgt Ion:264 Resp: 375265
 Ion Ratio Lower Upper
 264 100
 260 23.0 18.6 28.0
 265 21.1 16.7 25.1

