

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG021523\
 Data File : BG056646.D
 Acq On : 16 Feb 2023 00:03
 Operator : CG/JU
 Sample : PB150826TB
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB150826TB

Quant Time: Feb 16 01:57:08 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG021523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 16 01:33:33 2023
 Response via : Initial Calibration

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

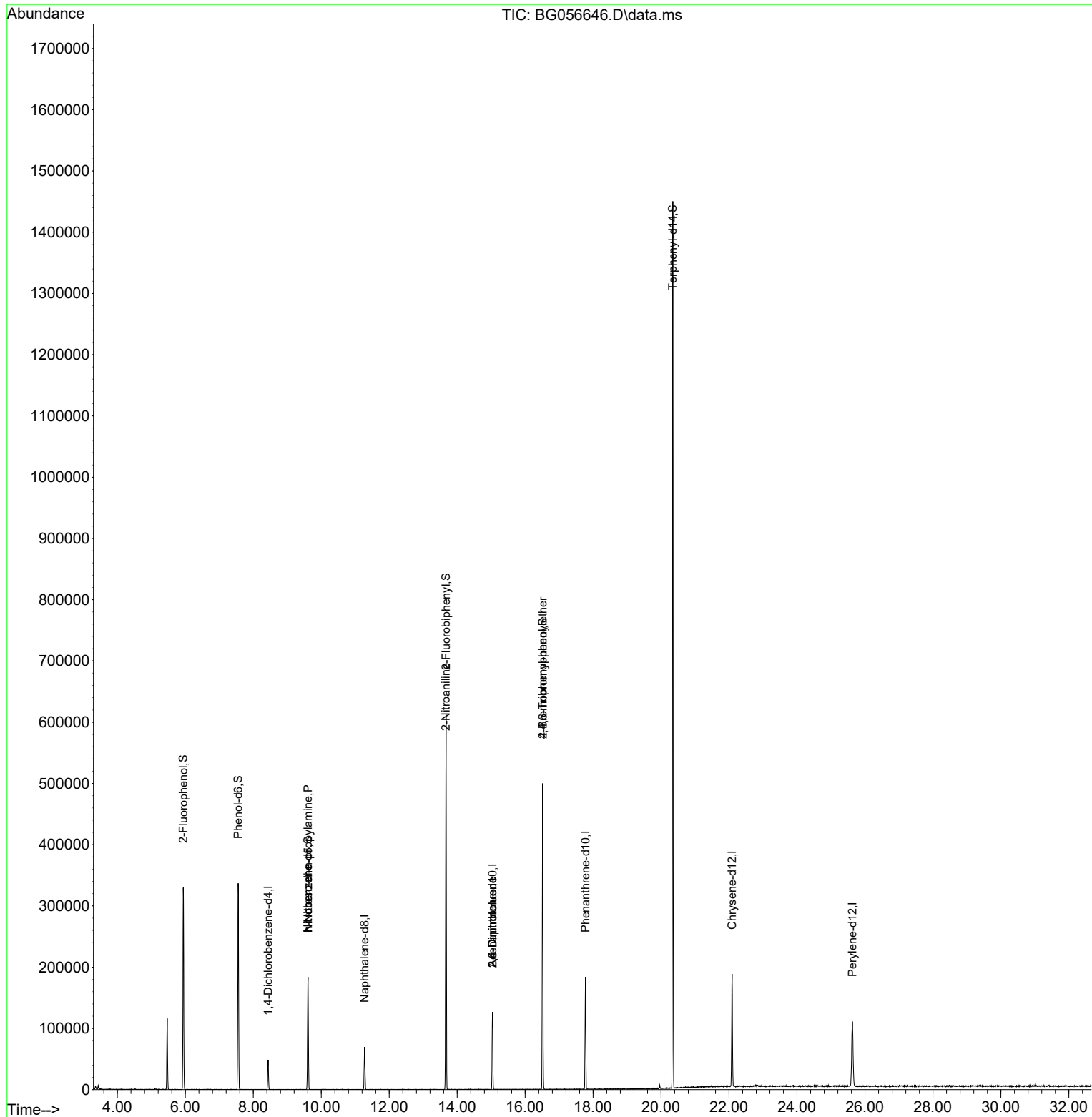
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.435	152	13007	20.000	ng	# 0.00
21) Naphthalene-d8	11.273	136	54316	20.000	ng	0.00
39) Acenaphthene-d10	15.039	164	44692	20.000	ng	0.00
64) Phenanthrene-d10	17.772	188	122798	20.000	ng	0.00
76) Chrysene-d12	22.090	240	125984	20.000	ng	#-0.01
86) Perylene-d12	25.627	264	134629	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.938	112	135055	168.943	ng	0.00
7) Phenol-d6	7.554	99	191631	162.282	ng	0.00
23) Nitrobenzene-d5	9.611	82	112246	105.809	ng	0.00
42) 2,4,6-Tribromophenol	16.514	330	97380	159.147	ng	0.00
45) 2-Fluorobiphenyl	13.671	172	307664	92.182	ng	0.00
79) Terphenyl-d14	20.345	244	743755	96.589	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.611	70	16018	18.119	ng	# 77
24) Nitrobenzene	9.611	77	456	3.036	ng	# 43
48) 2-Nitroaniline	13.665	65	484	5.799	ng	# 11
51) 2,6-Dinitrotoluene	15.039	165	5695	10.106	ng	# 25
57) 2,4-Dinitrotoluene	15.039	165	5695	6.320	ng	# 27
67) 4-Bromophenyl-phenylether	16.514	248	6478	4.109	ng	# 1

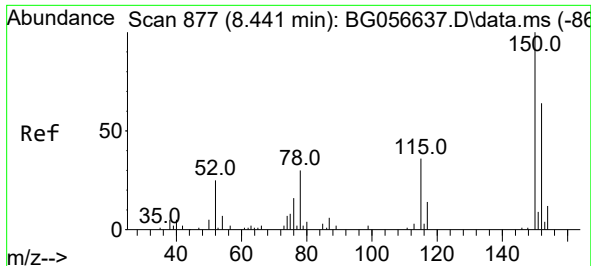
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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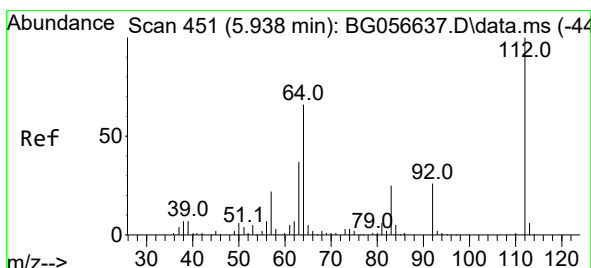
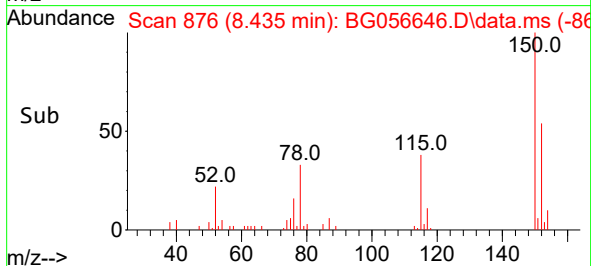
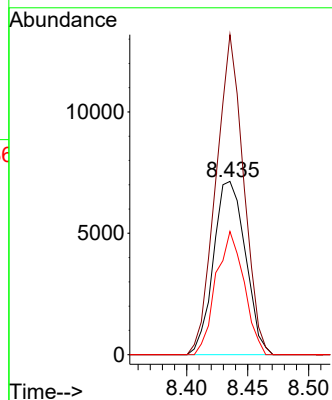
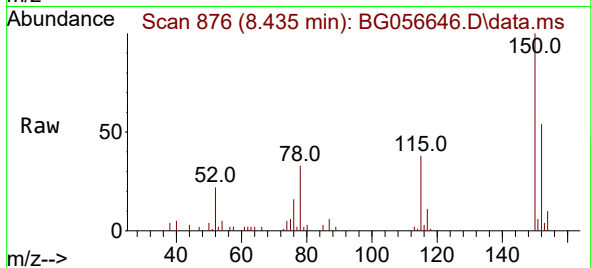




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.435 min Scan# 81
Delta R.T. -0.006 min
Lab File: BG056646.D
Acq: 16 Feb 2023 00:03

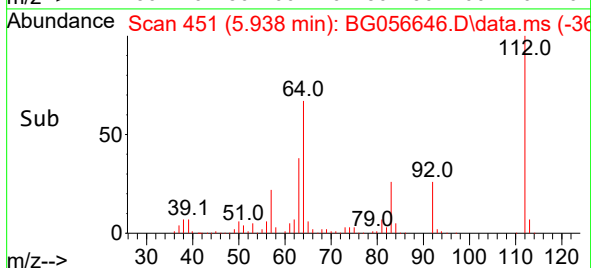
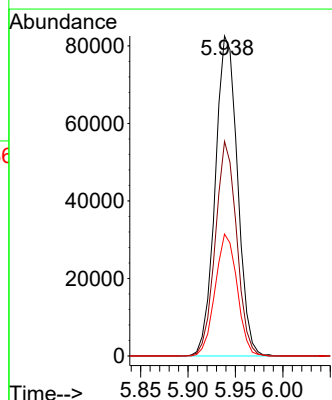
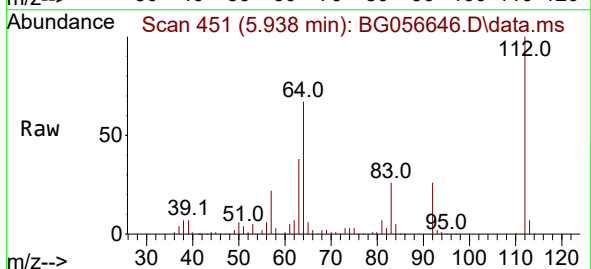
Instrument :
BNA_G
ClientSampleId :
PB150826TB

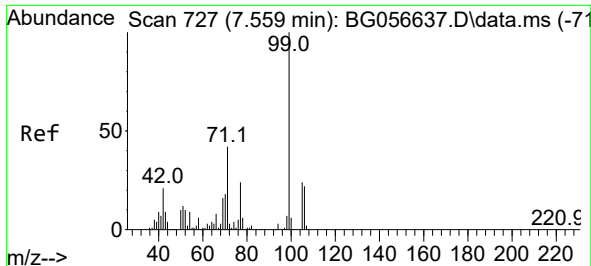
Tgt Ion:152 Resp: 13007
Ion Ratio Lower Upper
152 100
150 184.7 124.8 187.2
115 71.1 44.7 67.1#



#5
2-Fluorophenol
Concen: 168.943 ng
RT: 5.938 min Scan# 451
Delta R.T. 0.001 min
Lab File: BG056646.D
Acq: 16 Feb 2023 00:03

Tgt Ion:112 Resp: 135055
Ion Ratio Lower Upper
112 100
64 67.0 52.6 78.8
63 38.1 29.8 44.6

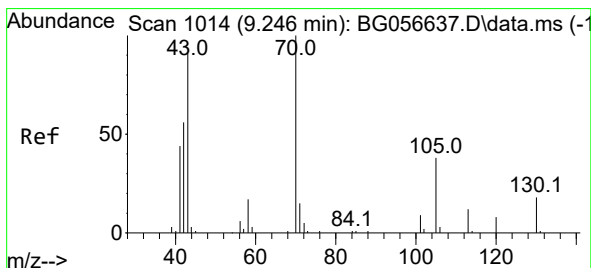
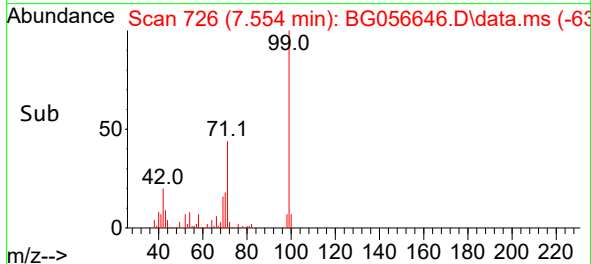
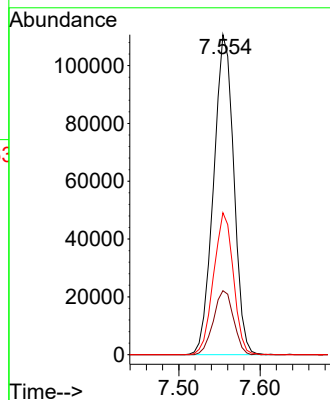
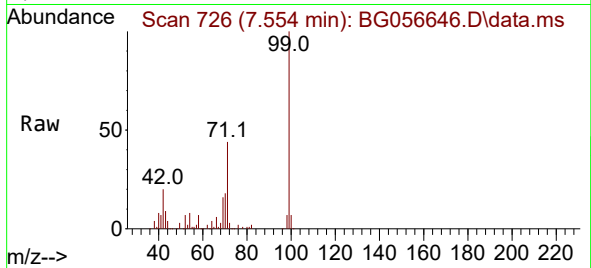




#7
Phenol-d6
Concen: 162.282 ng
RT: 7.554 min Scan# 71
Delta R.T. -0.005 min
Lab File: BG056646.D
Acq: 16 Feb 2023 00:03

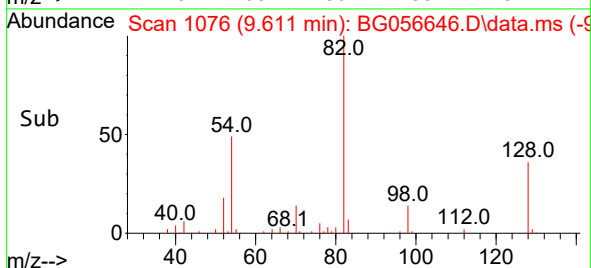
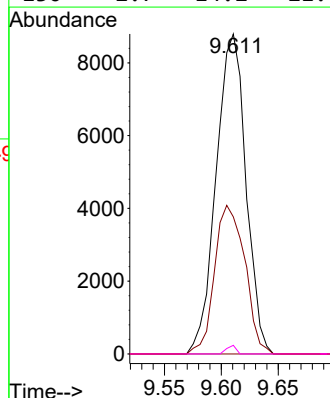
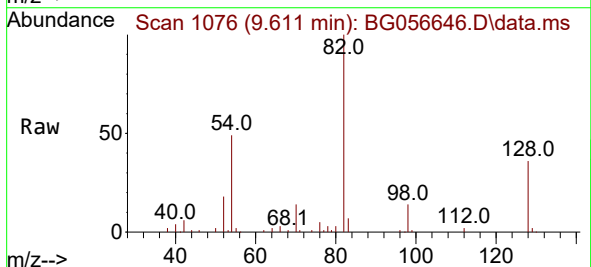
Instrument :
BNA_G
ClientSampleId :
PB150826TB

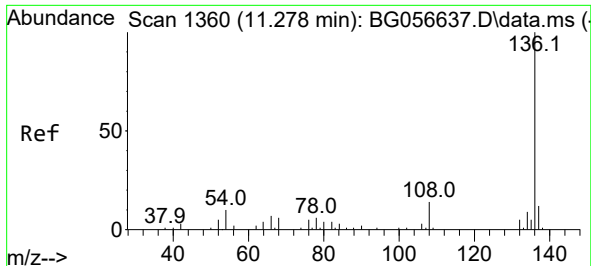
Tgt Ion: 99 Resp: 191631
Ion Ratio Lower Upper
99 100
42 20.0 16.8 25.2
71 44.4 33.9 50.9



#19
n-Nitroso-di-n-propylamine
Concen: 18.119 ng
RT: 9.611 min Scan# 1076
Delta R.T. 0.365 min
Lab File: BG056646.D
Acq: 16 Feb 2023 00:03

Tgt Ion: 70 Resp: 16018
Ion Ratio Lower Upper
70 100
42 42.8 45.7 68.5#
101 0.0 7.4 11.0#
130 2.7 14.2 21.4#

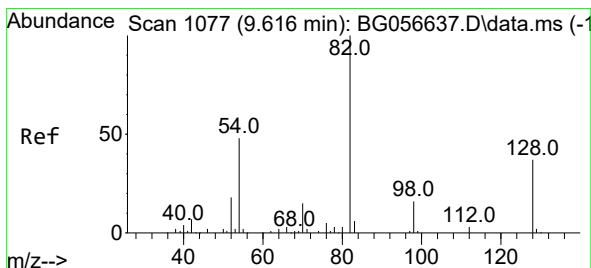
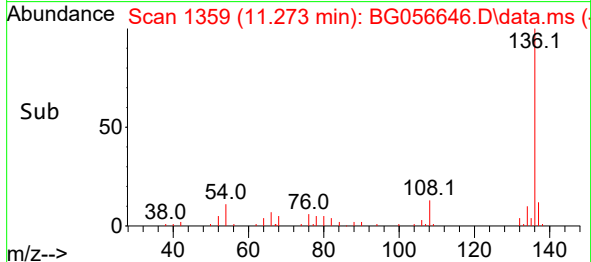
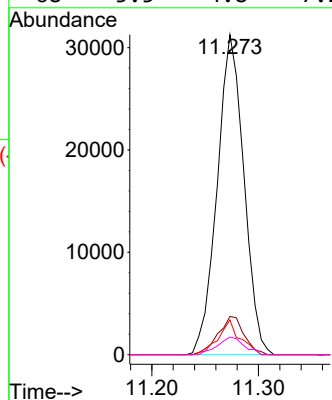
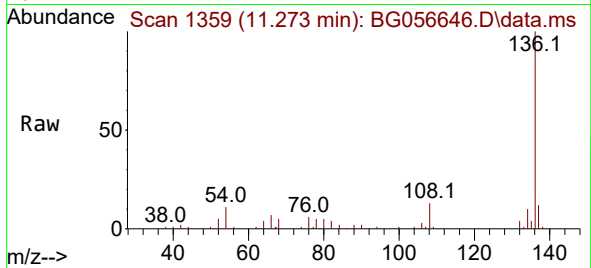




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.273 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG056646.D
Acq: 16 Feb 2023 00:03

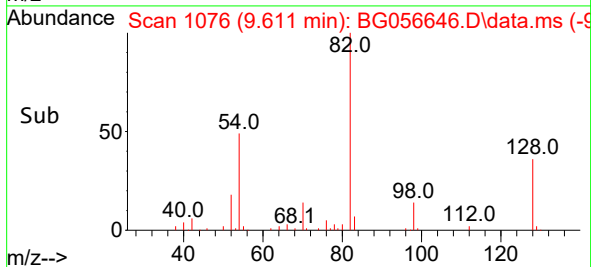
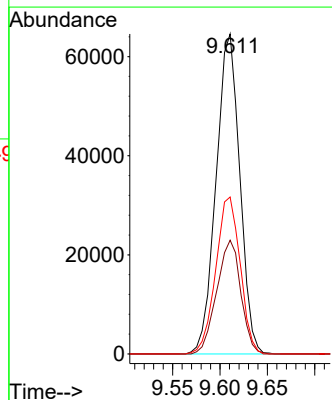
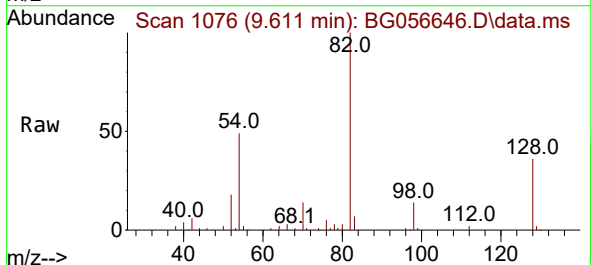
Instrument :
BNA_G
ClientSampleId :
PB150826TB

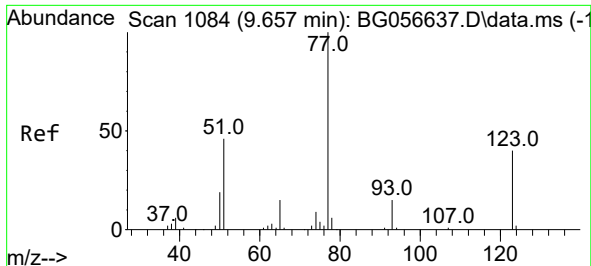
Tgt Ion:136	Resp:	54316
Ion Ratio	Lower	Upper
136	100	
137	12.0	9.7 14.5
54	10.8	7.7 11.5
68	5.5	4.8 7.2



#23
Nitrobenzene-d5
Concen: 105.809 ng
RT: 9.611 min Scan# 1076
Delta R.T. -0.005 min
Lab File: BG056646.D
Acq: 16 Feb 2023 00:03

Tgt Ion: 82	Resp:	112246
Ion Ratio	Lower	Upper
82	100	
128	35.6	29.4 44.2
54	49.1	37.8 56.6

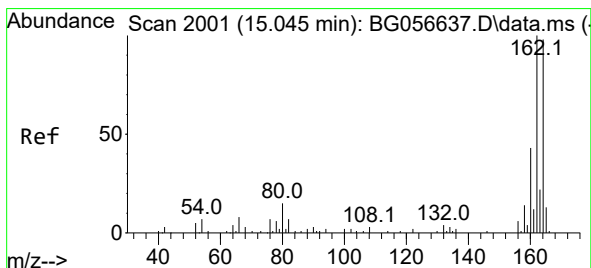
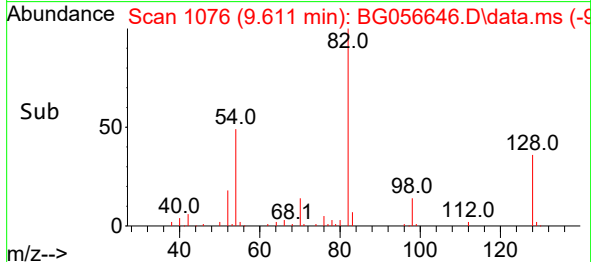
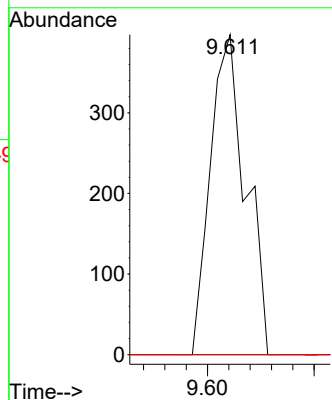
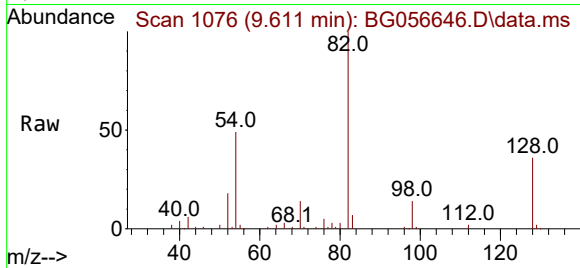




#24
Nitrobenzene
Concen: 3.036 ng
RT: 9.611 min Scan# 1084
Delta R.T. -0.046 min
Lab File: BG056646.D
Acq: 16 Feb 2023 00:03

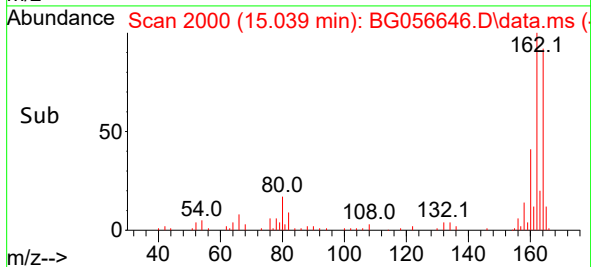
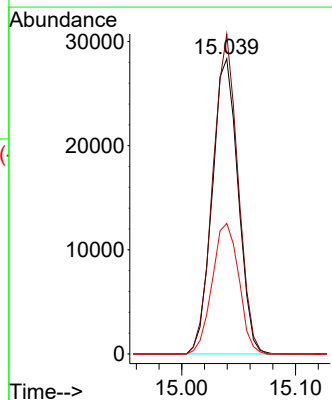
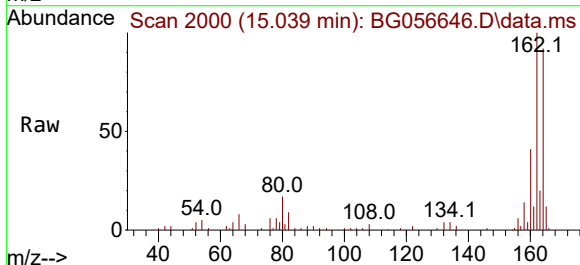
Instrument :
BNA_G
ClientSampleId :
PB150826TB

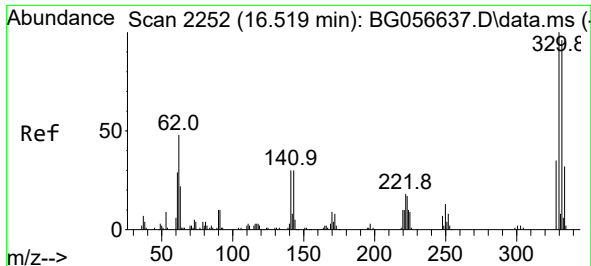
Tgt Ion: 77 Resp: 456
Ion Ratio Lower Upper
77 100
123 0.0 31.8 47.8#
65 0.0 12.0 18.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.039 min Scan# 2000
Delta R.T. -0.005 min
Lab File: BG056646.D
Acq: 16 Feb 2023 00:03

Tgt Ion: 164 Resp: 44692
Ion Ratio Lower Upper
164 100
162 108.4 81.3 121.9
160 44.2 35.2 52.8

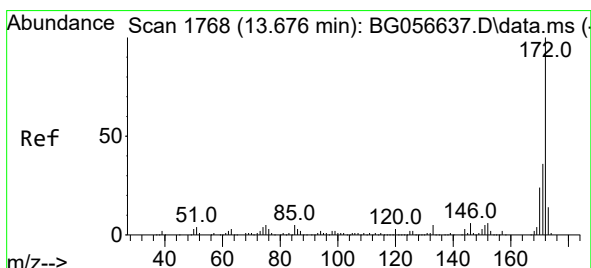
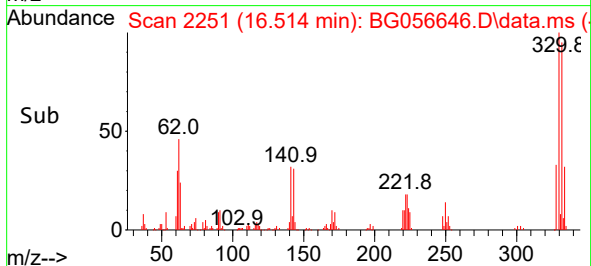
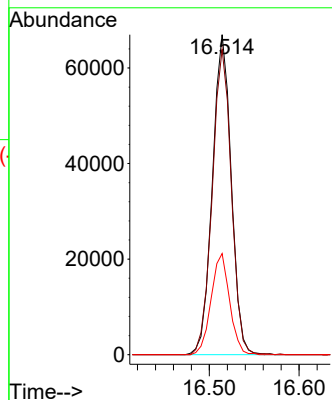
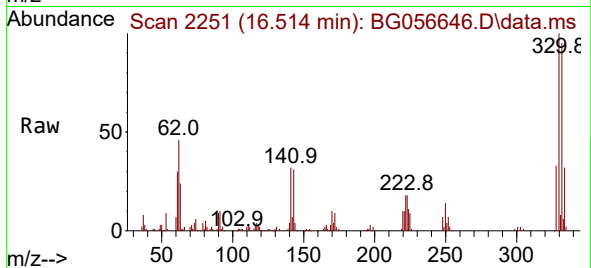




#42
2,4,6-Tribromophenol
Concen: 159.147 ng
RT: 16.514 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG056646.D
Acq: 16 Feb 2023 00:03

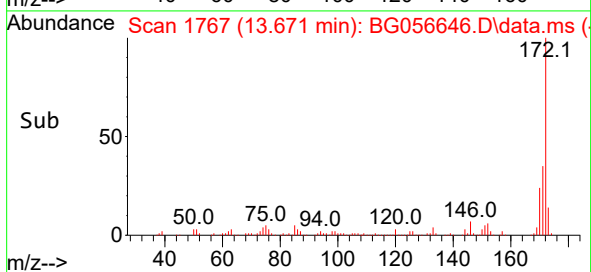
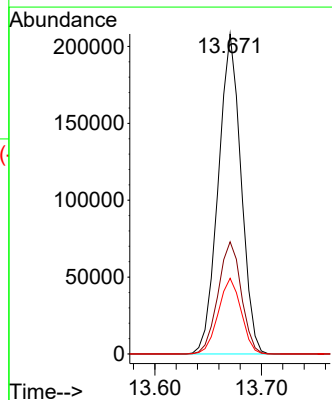
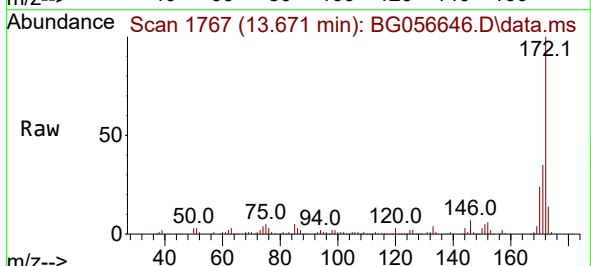
Instrument :
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ClientSampleId :
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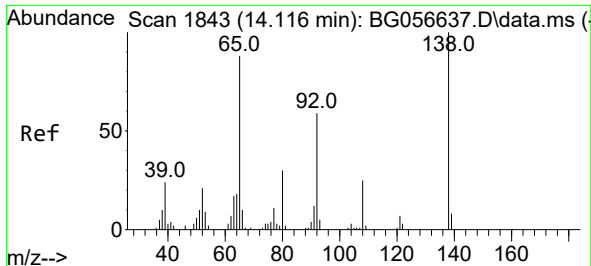
Tgt Ion:330 Resp: 97380
Ion Ratio Lower Upper
330 100
332 96.7 75.7 113.5
141 31.1 24.6 37.0



#45
2-Fluorobiphenyl
Concen: 92.182 ng
RT: 13.671 min Scan# 1767
Delta R.T. -0.005 min
Lab File: BG056646.D
Acq: 16 Feb 2023 00:03

Tgt Ion:172 Resp: 307664
Ion Ratio Lower Upper
172 100
171 35.1 28.6 43.0
170 23.7 19.4 29.0

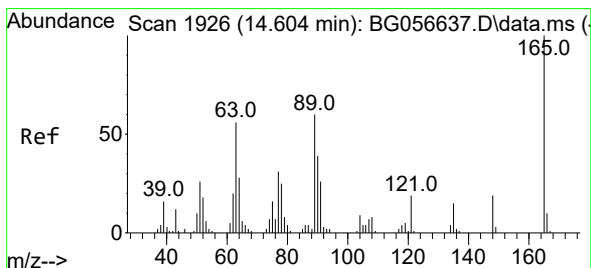
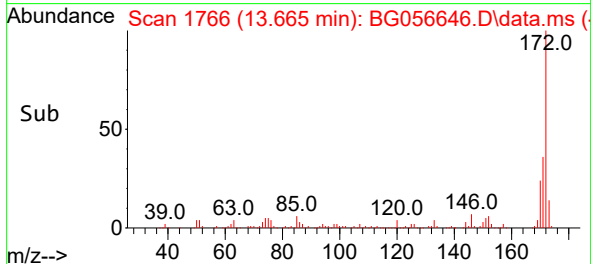
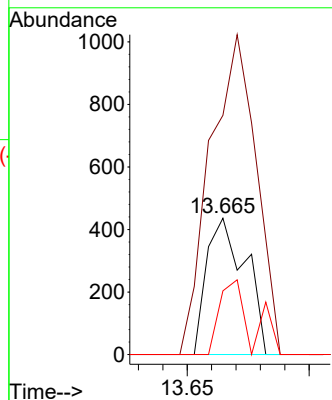
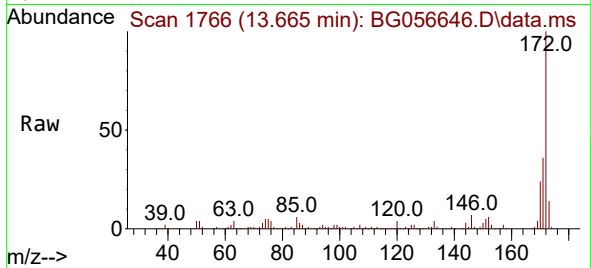




#48
2-Nitroaniline
Concen: 5.799 ng
RT: 13.665 min Scan# 11
Delta R.T. -0.451 min
Lab File: BG056646.D
Acq: 16 Feb 2023 00:03

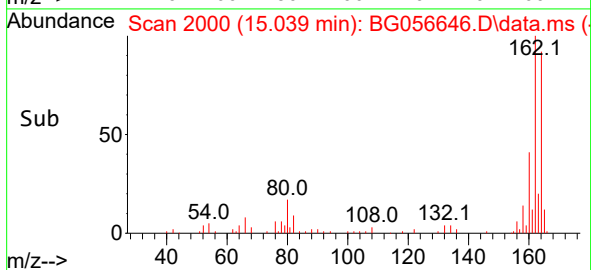
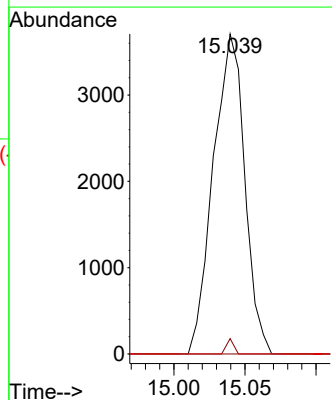
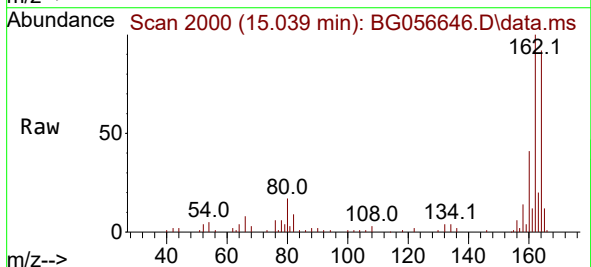
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PB150826TB

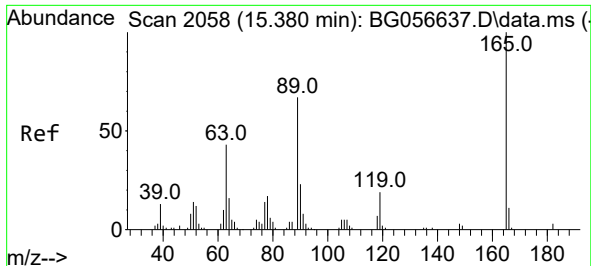
Tgt Ion: 65 Resp: 484
Ion Ratio Lower Upper
65 100
92 175.5 53.8 80.6#
138 46.8 90.6 135.8#



#51
2,6-Dinitrotoluene
Concen: 10.106 ng
RT: 15.039 min Scan# 2000
Delta R.T. 0.435 min
Lab File: BG056646.D
Acq: 16 Feb 2023 00:03

Tgt Ion:165 Resp: 5695
Ion Ratio Lower Upper
165 100
63 4.8 45.8 68.8#
89 0.0 48.2 72.2#





#57

2,4-Dinitrotoluene

Concen: 6.320 ng

RT: 15.039 min Scan# 20

Delta R.T. -0.340 min

Lab File: BG056646.D

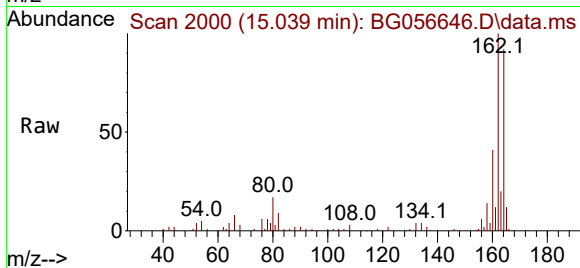
Acq: 16 Feb 2023 00:03

Instrument :

BNA_G

ClientSampleId :

PB150826TB



Tgt Ion:165 Resp: 5695

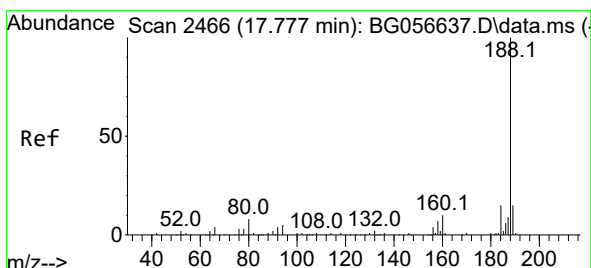
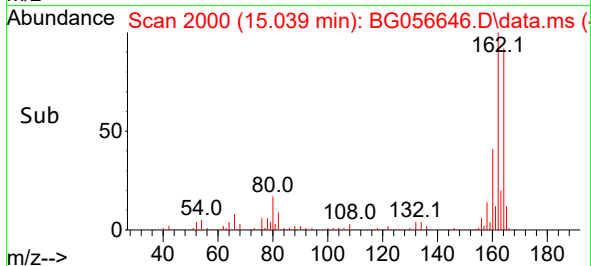
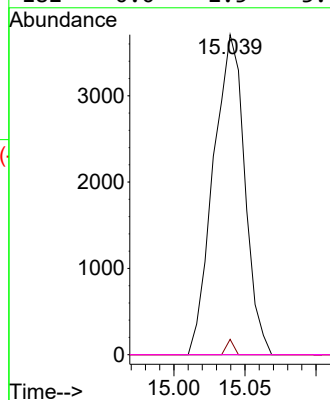
Ion Ratio Lower Upper

165 100

63 4.8 34.6 52.0#

89 0.0 53.8 80.8#

182 0.0 2.5 3.7#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.772 min Scan# 2465

Delta R.T. -0.005 min

Lab File: BG056646.D

Acq: 16 Feb 2023 00:03

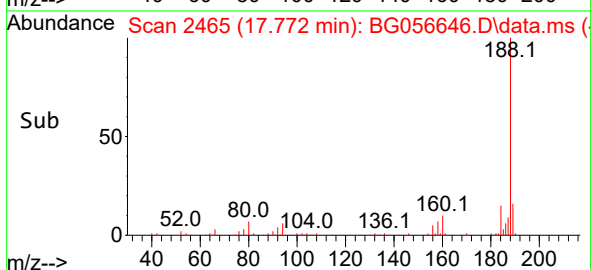
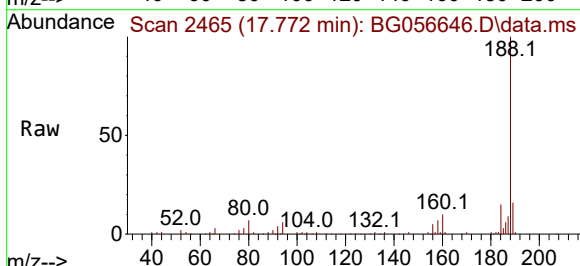
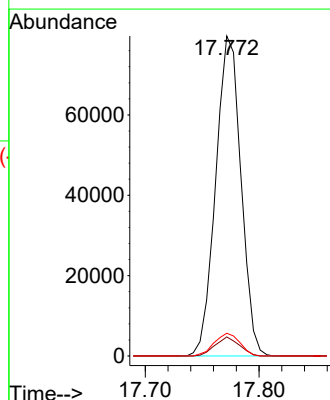
Tgt Ion:188 Resp: 122798

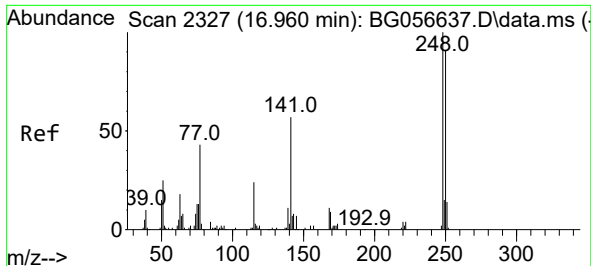
Ion Ratio Lower Upper

188 100

94 5.9 4.0 6.0

80 7.1 6.3 9.5

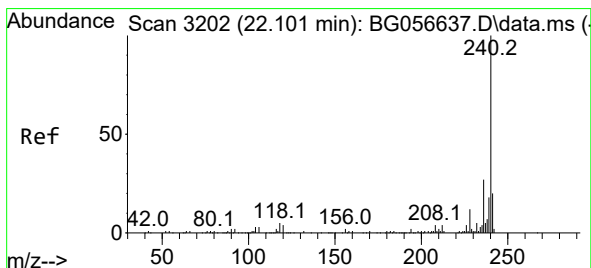
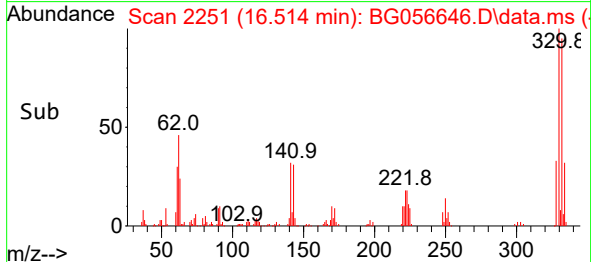
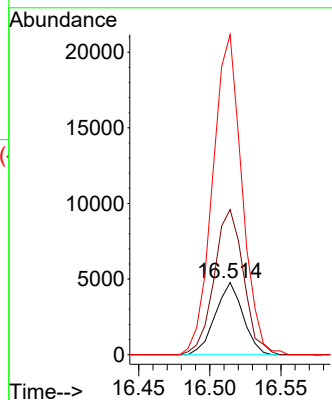
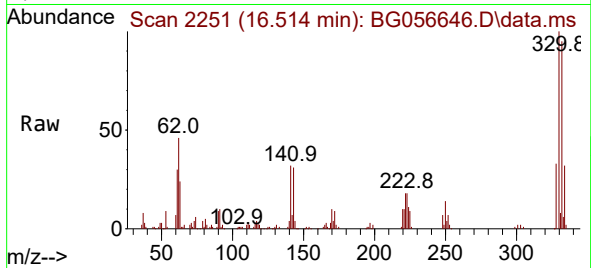




#67
4-Bromophenyl-phenylether
Concen: 4.109 ng
RT: 16.514 min Scan# 21
Delta R.T. -0.446 min
Lab File: BG056646.D
Acq: 16 Feb 2023 00:03

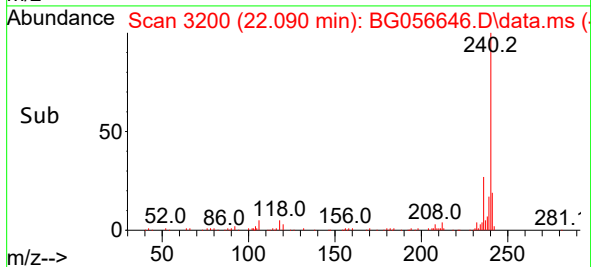
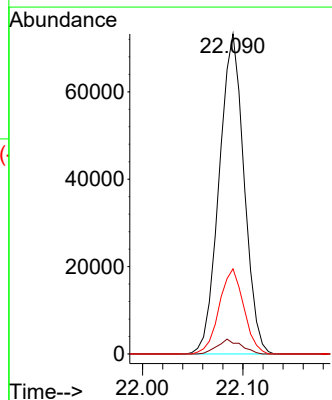
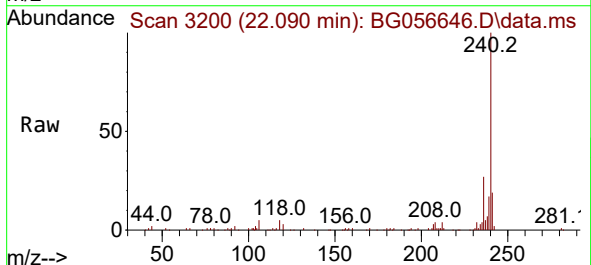
Instrument :
BNA_G
ClientSampleId :
PB150826TB

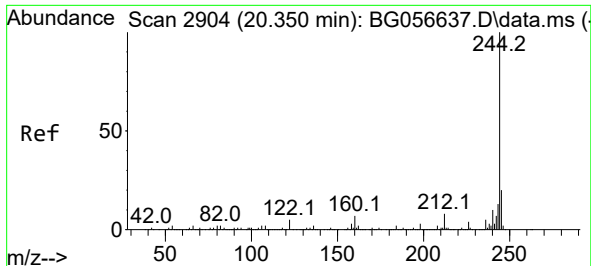
Tgt Ion:248 Resp: 6478
Ion Ratio Lower Upper
248 100
250 201.0 73.0 109.6#
141 443.0 45.6 68.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.090 min Scan# 3200
Delta R.T. -0.011 min
Lab File: BG056646.D
Acq: 16 Feb 2023 00:03

Tgt Ion:240 Resp: 125984
Ion Ratio Lower Upper
240 100
120 3.3 3.5 5.3#
236 26.6 21.5 32.3

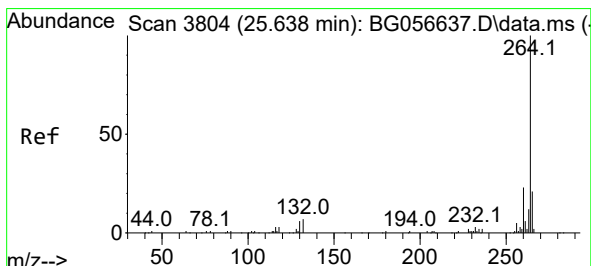
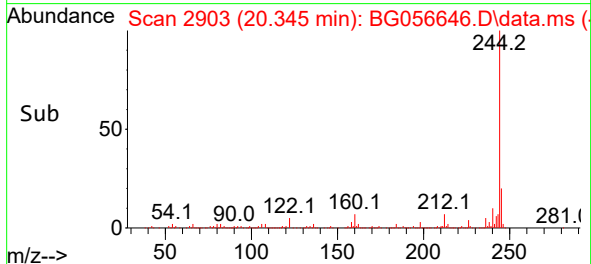
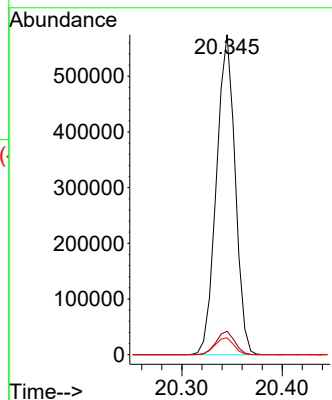
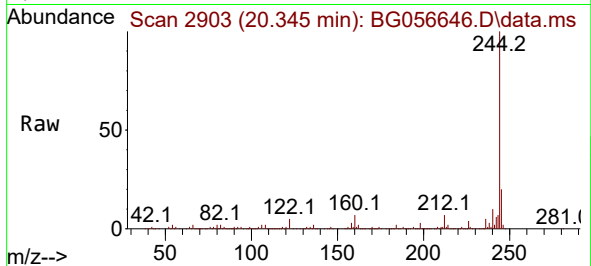




#79
 Terphenyl-d14
 Concen: 96.589 ng
 RT: 20.345 min Scan# 2903
 Delta R.T. -0.005 min
 Lab File: BG056646.D
 Acq: 16 Feb 2023 00:03

Instrument :
 BNA_G
 ClientSampleId :
 PB150826TB

Tgt Ion:244 Resp: 743755
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.0 9.0
 122 5.3 3.8 5.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.627 min Scan# 3802
 Delta R.T. -0.011 min
 Lab File: BG056646.D
 Acq: 16 Feb 2023 00:03

Tgt Ion:264 Resp: 134629
 Ion Ratio Lower Upper
 264 100
 260 21.2 18.6 27.8
 265 20.0 17.0 25.4

