

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121422\
 Data File : BG055963.D
 Acq On : 14 Dec 2022 17:25
 Operator : CG/JU
 Sample : N6001-16
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-15

Quant Time: Dec 15 00:51:25 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 14 02:24:06 2022
 Response via : Initial Calibration

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

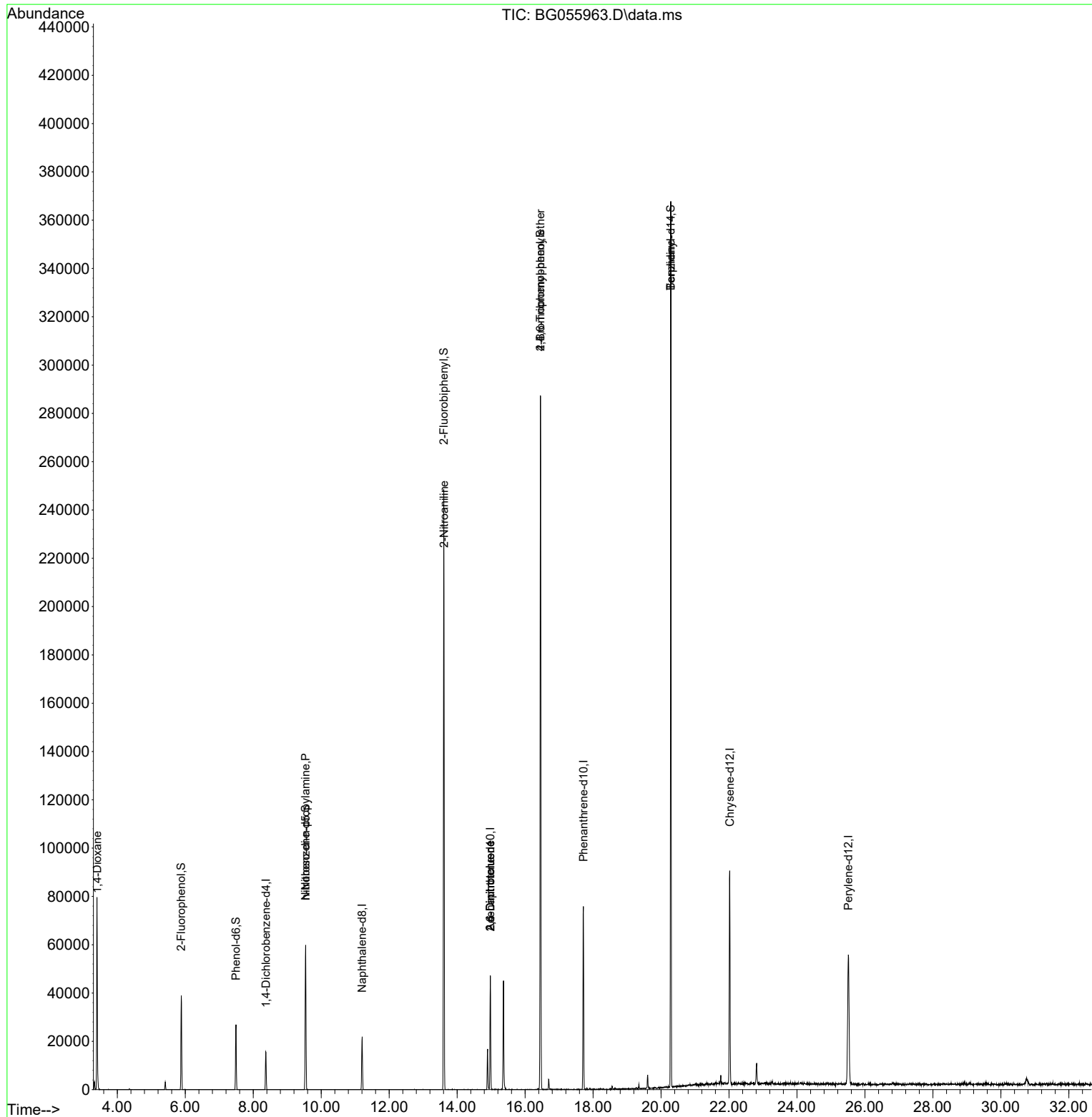
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.373	152	5291	20.000	ng	0.00
21) Naphthalene-d8	11.205	136	19776	20.000	ng	# 0.00
39) Acenaphthene-d10	14.977	164	18320	20.000	ng	0.00
64) Phenanthrene-d10	17.715	188	56519	20.000	ng	0.00
76) Chrysene-d12	22.022	240	65806	20.000	ng	0.00
86) Perylene-d12	25.512	264	79079	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.882	112	16585	73.511	ng	0.00
7) Phenol-d6	7.492	99	13157	45.343	ng	0.00
23) Nitrobenzene-d5	9.543	82	30572	108.032	ng	0.00
42) 2,4,6-Tribromophenol	16.452	330	78606	177.942	ng	0.00
45) 2-Fluorobiphenyl	13.608	172	132150	101.167	ng	0.00
79) Terphenyl-d14	20.289	244	198780	53.388	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.409	88	592	9.017	ng	# 1
19) n-Nitroso-di-n-propyla...	9.543	70	4660	22.405	ng	# 68
48) 2-Nitroaniline	13.614	65	53	3.065	ng	# 1
51) 2,6-Dinitrotoluene	14.977	165	2401	9.796	ng	# 25
57) 2,4-Dinitrotoluene	14.977	165	2401	6.490	ng	# 35
67) 4-Bromophenyl-phenylether	16.452	248	4280	5.168	ng	# 1
77) Benzidine	20.289	184	3066	2.653	ng	# 89

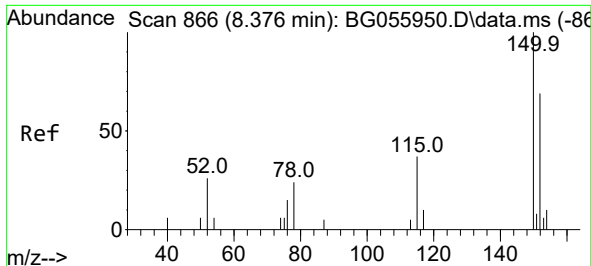
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121422\
Data File : BG055963.D
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Misc :
ALS Vial : 8 Sample Multiplier: 1

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Quant Time: Dec 15 00:51:25 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121322.M
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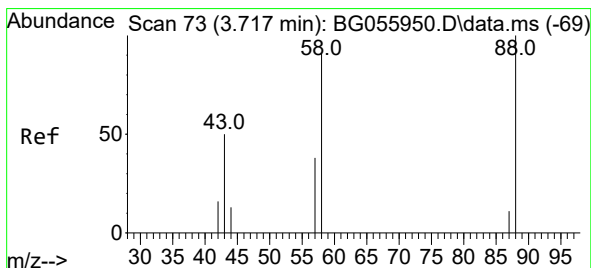
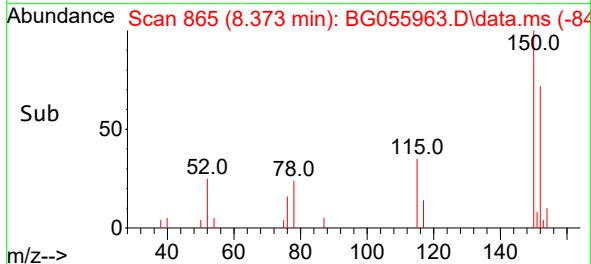
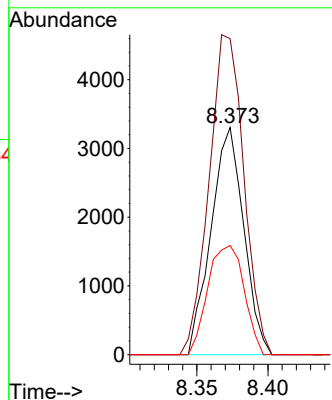
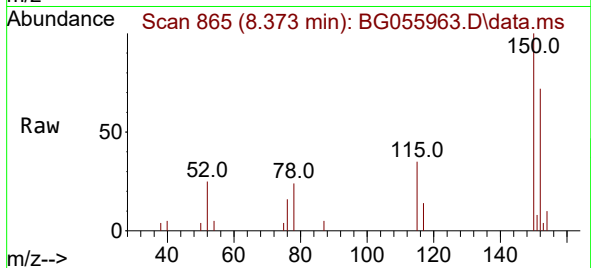




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.373 min Scan# 80
 Delta R.T. -0.003 min
 Lab File: BG055963.D
 Acq: 14 Dec 2022 17:25

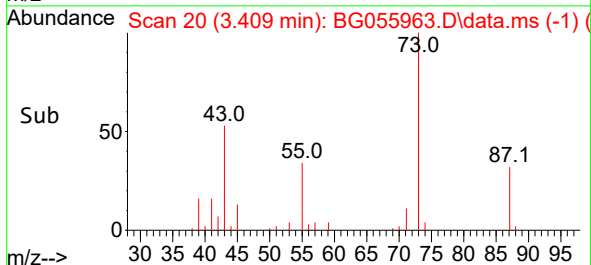
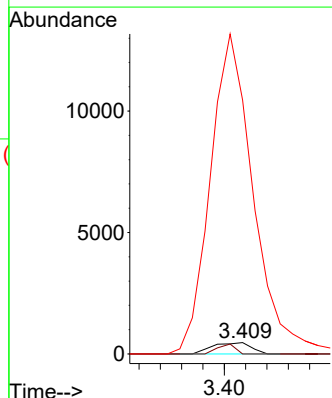
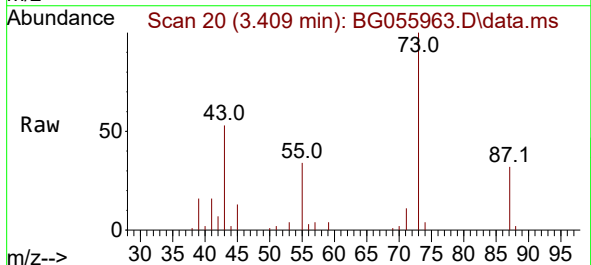
Instrument :
 BNA_G
 ClientSampleId :
 MW-15

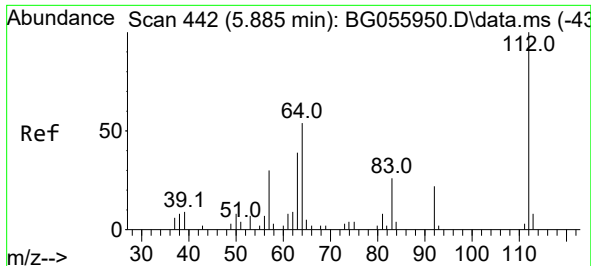
Tgt Ion:152 Resp: 5291
 Ion Ratio Lower Upper
 152 100
 150 139.1 115.7 173.5
 115 48.0 43.0 64.4



#2
 1,4-Dioxane
 Concen: 9.017 ng
 RT: 3.409 min Scan# 20
 Delta R.T. -0.309 min
 Lab File: BG055963.D
 Acq: 14 Dec 2022 17:25

Tgt Ion: 88 Resp: 592
 Ion Ratio Lower Upper
 88 100
 58 39.4 67.0 100.4#
 43 3145.4 45.7 68.5#

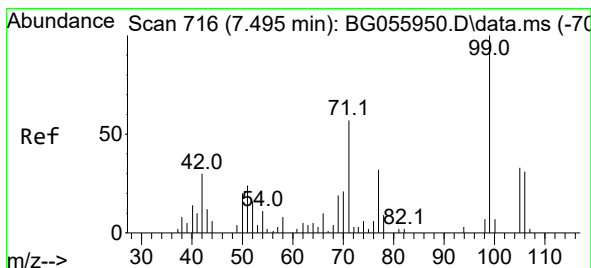
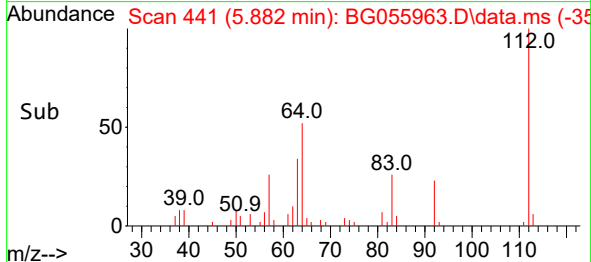
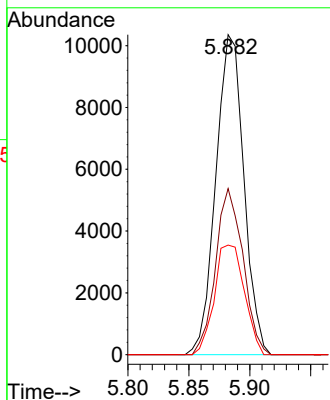
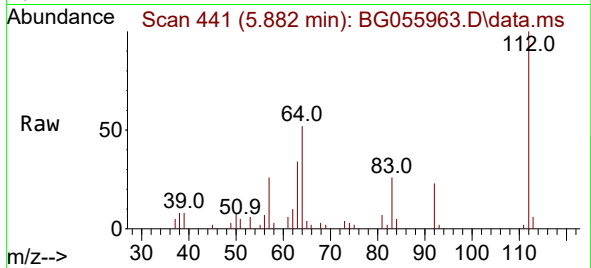




#5
2-Fluorophenol
Concen: 73.511 ng
RT: 5.882 min Scan# 441
Delta R.T. -0.003 min
Lab File: BG055963.D
Acq: 14 Dec 2022 17:25

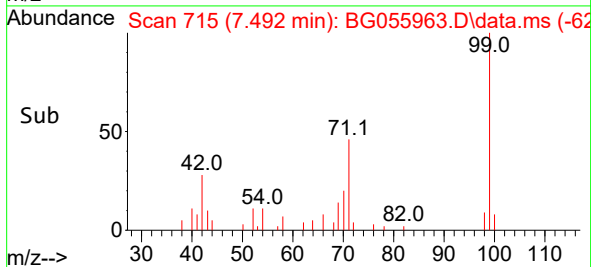
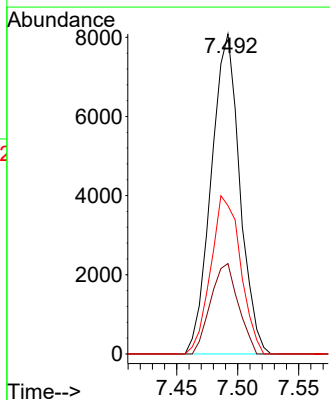
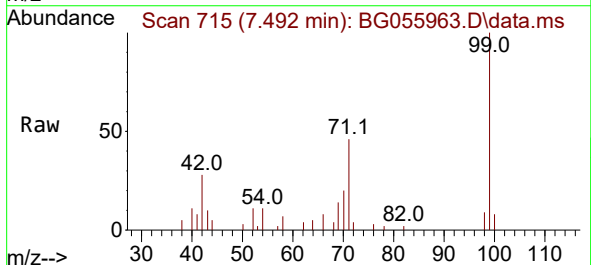
Instrument :
BNA_G
ClientSampleId :
MW-15

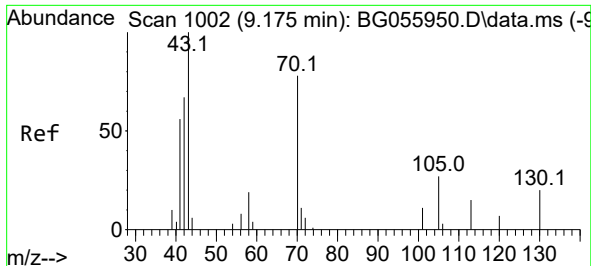
Tgt Ion:112 Resp: 16585
Ion Ratio Lower Upper
112 100
64 51.9 43.0 64.4
63 34.2 31.4 47.2



#7
Phenol-d6
Concen: 45.343 ng
RT: 7.492 min Scan# 715
Delta R.T. -0.003 min
Lab File: BG055963.D
Acq: 14 Dec 2022 17:25

Tgt Ion: 99 Resp: 13157
Ion Ratio Lower Upper
99 100
42 28.2 24.3 36.5
71 46.4 45.6 68.4

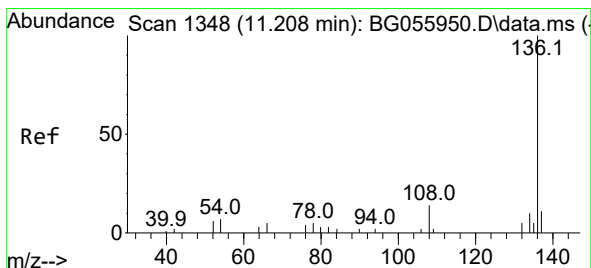
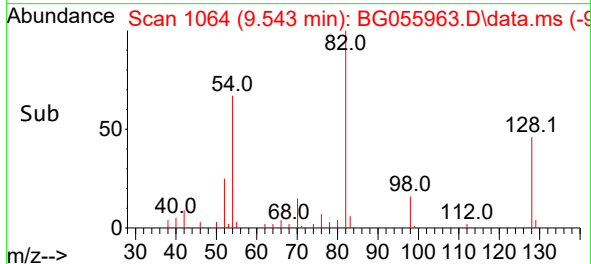
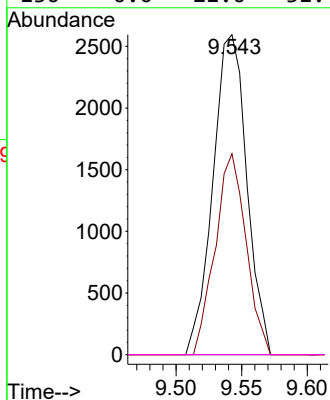
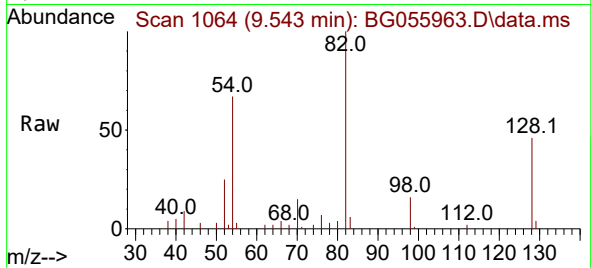




#19
n-Nitroso-di-n-propylamine
Concen: 22.405 ng
RT: 9.543 min Scan# 1064
Delta R.T. 0.367 min
Lab File: BG055963.D
Acq: 14 Dec 2022 17:25

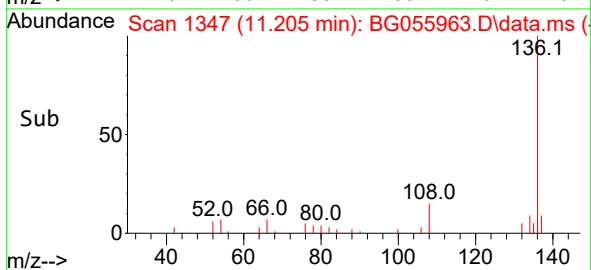
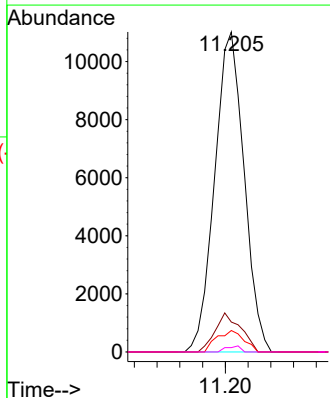
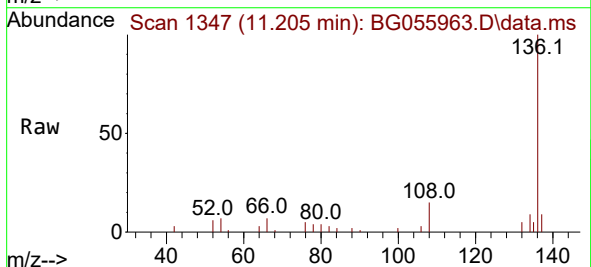
Instrument :
BNA_G
ClientSampleId :
MW-15

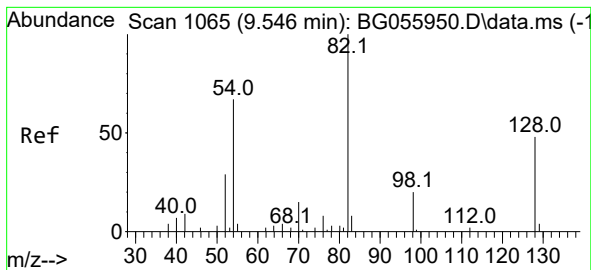
Tgt Ion: 70 Resp: 4660
Ion Ratio Lower Upper
70 100
42 62.8 69.0 103.4#
101 0.0 11.8 17.8#
130 0.0 21.0 31.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.205 min Scan# 1347
Delta R.T. -0.003 min
Lab File: BG055963.D
Acq: 14 Dec 2022 17:25

Tgt Ion: 136 Resp: 19776
Ion Ratio Lower Upper
136 100
137 9.3 9.2 13.8
54 6.7 5.6 8.4
68 1.4 0.0 0.0#





#23

Nitrobenzene-d5

Concen: 108.032 ng

RT: 9.543 min Scan# 1064

Delta R.T. -0.003 min

Lab File: BG055963.D

Acq: 14 Dec 2022 17:25

Instrument :

BNA_G

ClientSampleId :

MW-15

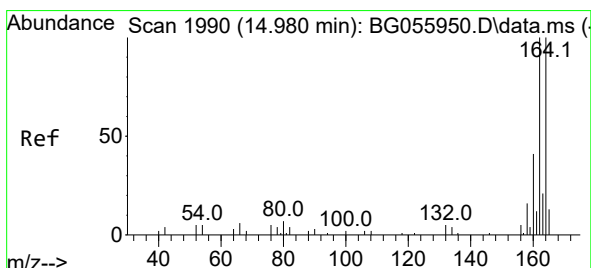
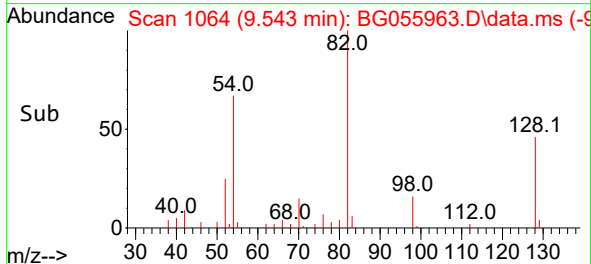
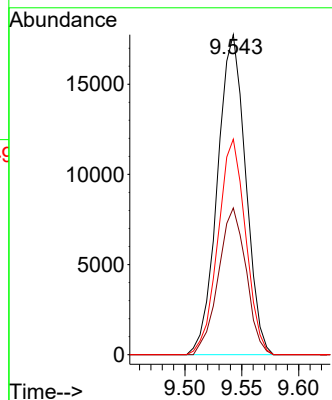
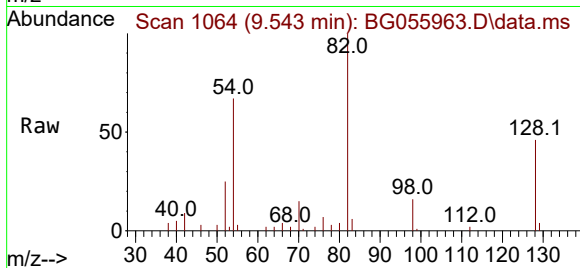
Tgt Ion: 82 Resp: 30572

Ion Ratio Lower Upper

82 100

128 45.8 38.4 57.6

54 67.4 53.3 79.9



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.977 min Scan# 1989

Delta R.T. -0.003 min

Lab File: BG055963.D

Acq: 14 Dec 2022 17:25

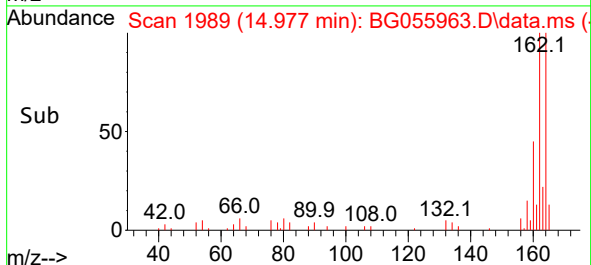
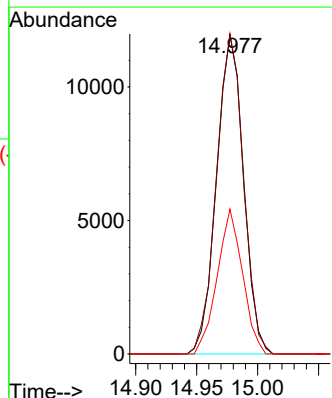
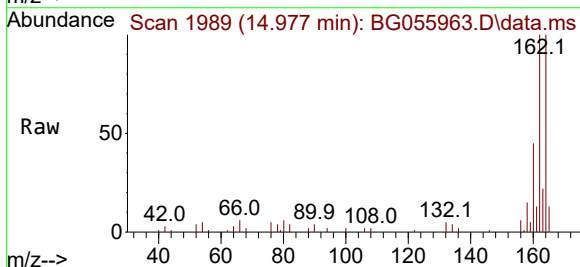
Tgt Ion:164 Resp: 18320

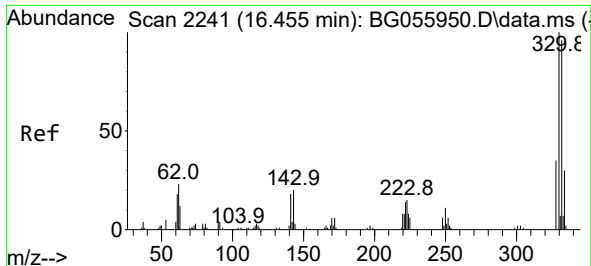
Ion Ratio Lower Upper

164 100

162 100.4 79.8 119.8

160 45.5 33.0 49.4





#42

2,4,6-Tribromophenol

Concen: 177.942 ng

RT: 16.452 min Scan# 21

Delta R.T. -0.003 min

Lab File: BG055963.D

Acq: 14 Dec 2022 17:25

Instrument :

BNA_G

ClientSampleId :

MW-15

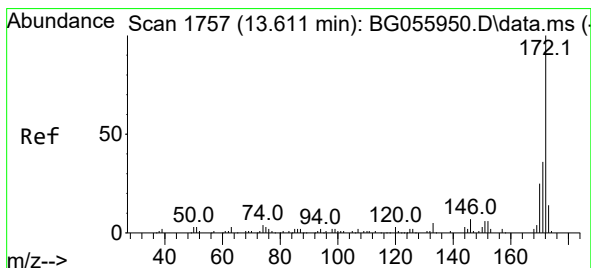
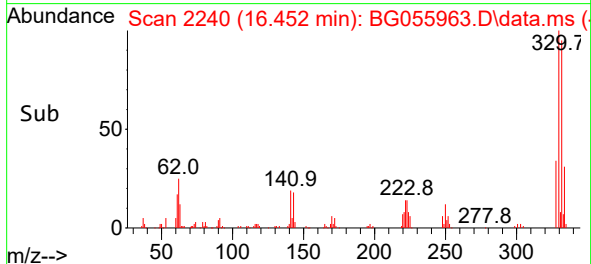
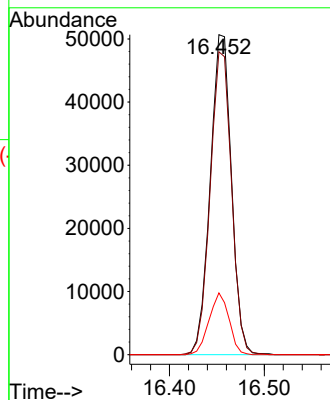
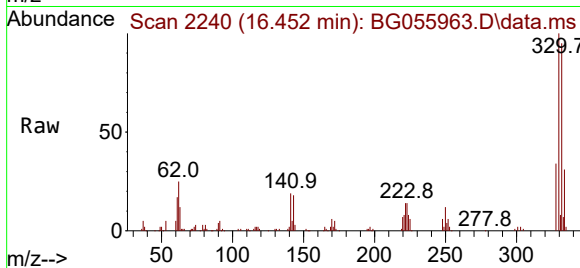
Tgt Ion:330 Resp: 78606

Ion Ratio Lower Upper

330 100

332 95.2 76.6 114.8

141 18.2 15.0 22.4



#45

2-Fluorobiphenyl

Concen: 101.167 ng

RT: 13.608 min Scan# 1756

Delta R.T. -0.003 min

Lab File: BG055963.D

Acq: 14 Dec 2022 17:25

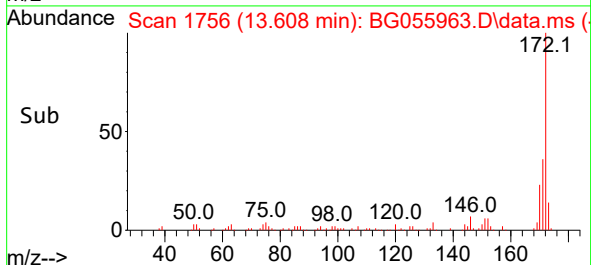
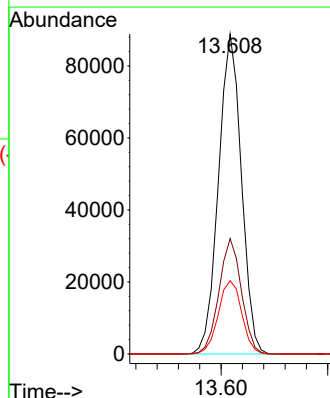
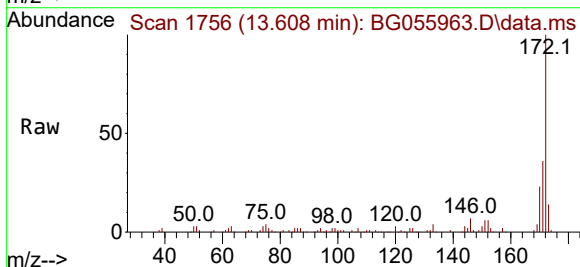
Tgt Ion:172 Resp: 132150

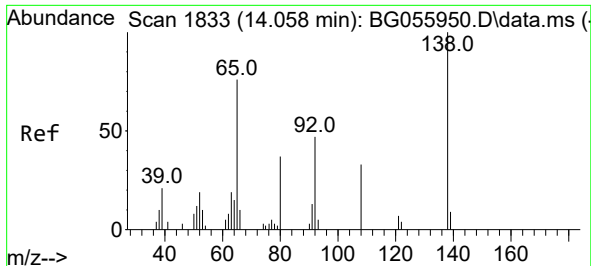
Ion Ratio Lower Upper

172 100

171 36.0 28.6 42.8

170 22.9 19.9 29.9

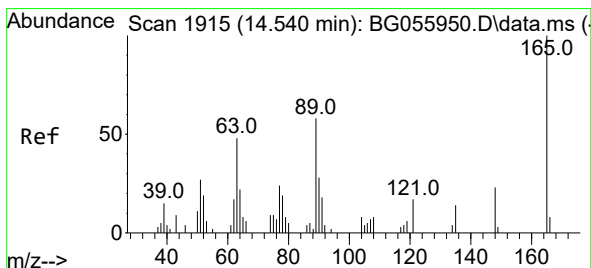
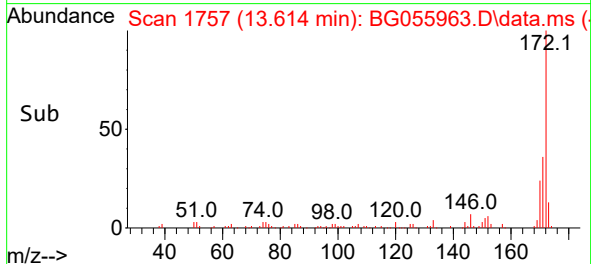
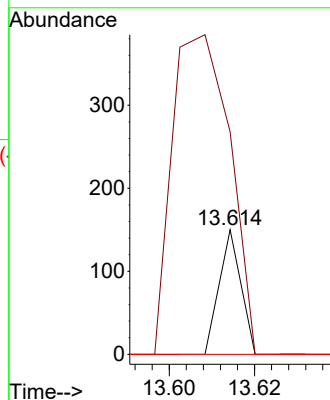
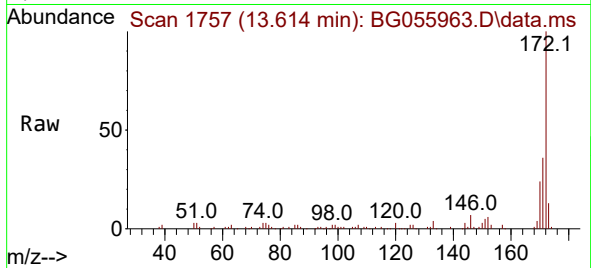




#48
2-Nitroaniline
Concen: 3.065 ng
RT: 13.614 min Scan# 11
Delta R.T. -0.444 min
Lab File: BG055963.D
Acq: 14 Dec 2022 17:25

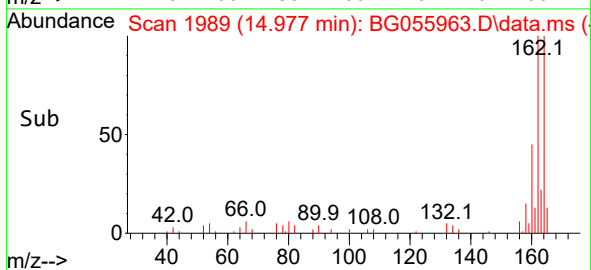
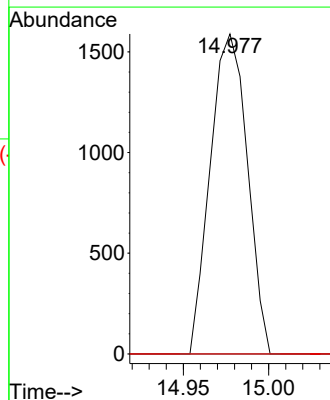
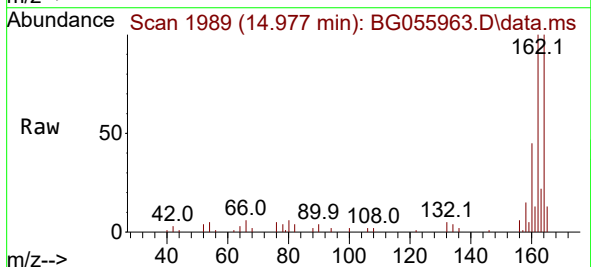
Instrument :
BNA_G
ClientSampleId :
MW-15

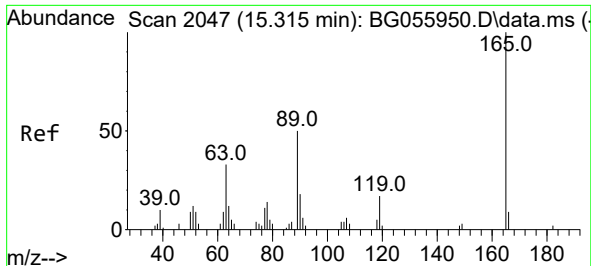
Tgt Ion: 65 Resp: 53
Ion Ratio Lower Upper
65 100
92 178.7 49.7 74.5#
138 0.0 105.0 157.6#



#51
2,6-Dinitrotoluene
Concen: 9.796 ng
RT: 14.977 min Scan# 1989
Delta R.T. 0.437 min
Lab File: BG055963.D
Acq: 14 Dec 2022 17:25

Tgt Ion:165 Resp: 2401
Ion Ratio Lower Upper
165 100
63 0.0 38.3 57.5#
89 0.0 46.3 69.5#





#57

2,4-Dinitrotoluene

Concen: 6.490 ng

RT: 14.977 min Scan# 14

Delta R.T. -0.338 min

Lab File: BG055963.D

Acq: 14 Dec 2022 17:25

Instrument :

BNA_G

ClientSampleId :

MW-15

Tgt Ion:165 Resp: 2401

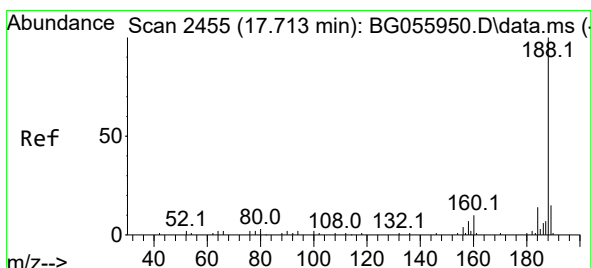
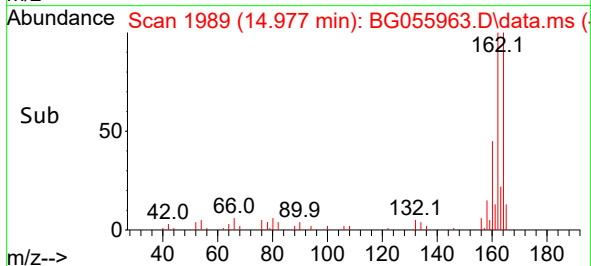
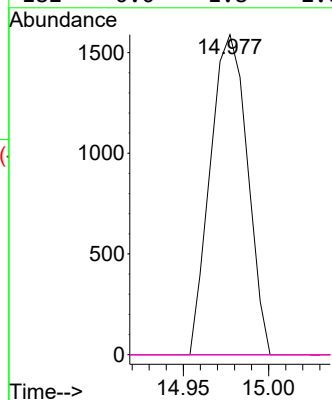
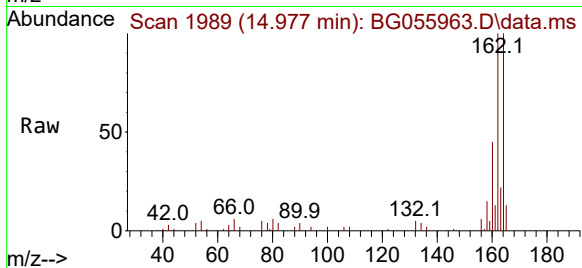
Ion Ratio Lower Upper

165 100

63 0.0 26.6 39.8#

89 0.0 40.1 60.1#

182 0.0 1.8 2.6#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.715 min Scan# 2455

Delta R.T. 0.003 min

Lab File: BG055963.D

Acq: 14 Dec 2022 17:25

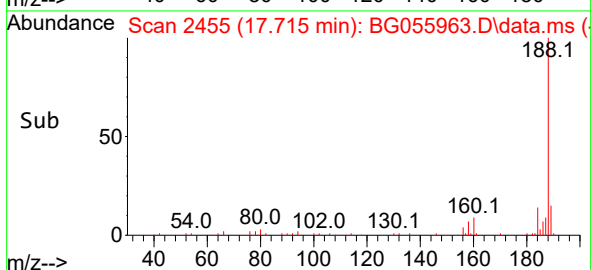
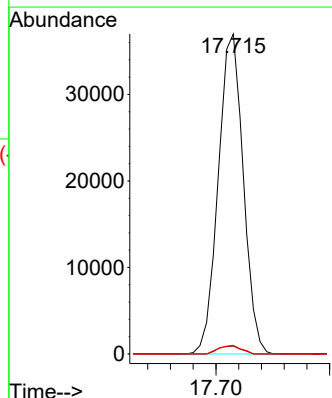
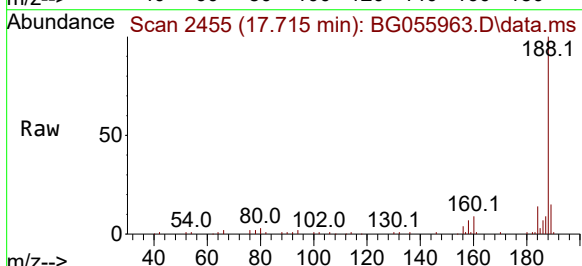
Tgt Ion:188 Resp: 56519

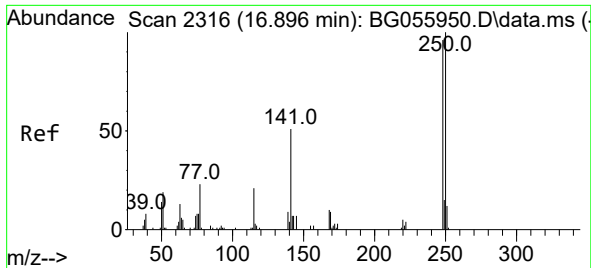
Ion Ratio Lower Upper

188 100

94 2.5 1.8 2.8

80 2.7 2.4 3.6

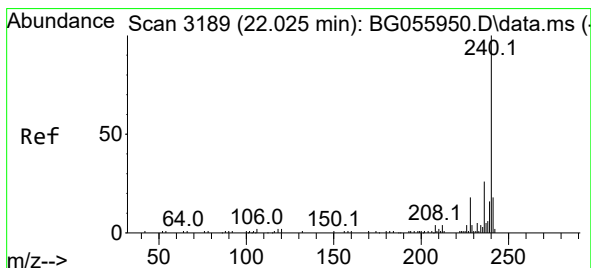
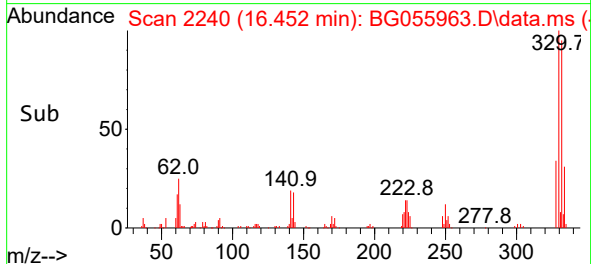
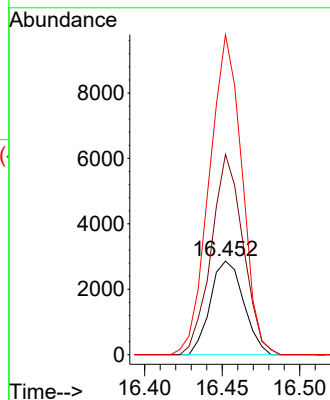
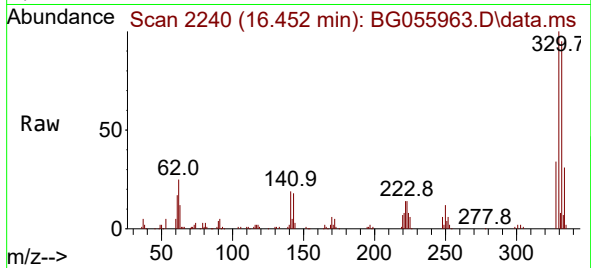




#67
4-Bromophenyl-phenylether
Concen: 5.168 ng
RT: 16.452 min Scan# 21
Delta R.T. -0.444 min
Lab File: BG055963.D
Acq: 14 Dec 2022 17:25

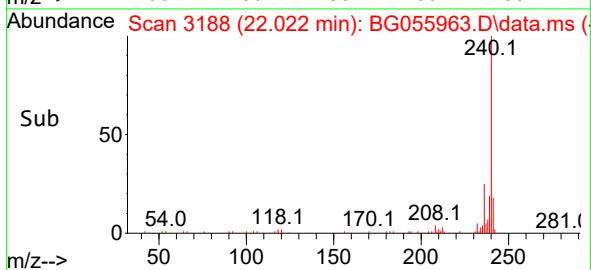
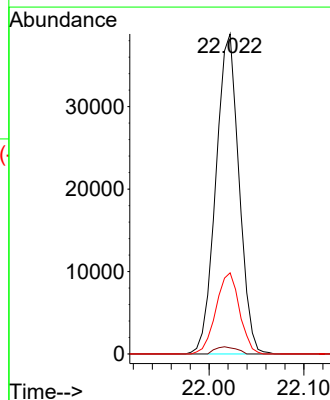
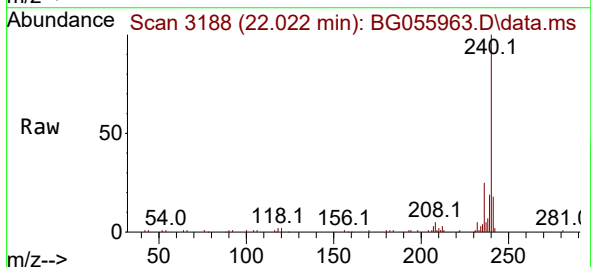
Instrument :
BNA_G
ClientSampleId :
MW-15

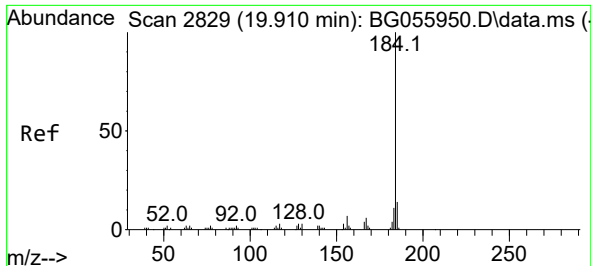
Tgt Ion:248 Resp: 4280
Ion Ratio Lower Upper
248 100
250 214.0 83.0 124.6#
141 341.7 42.6 64.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.022 min Scan# 3188
Delta R.T. -0.003 min
Lab File: BG055963.D
Acq: 14 Dec 2022 17:25

Tgt Ion:240 Resp: 65806
Ion Ratio Lower Upper
240 100
120 1.9 1.7 2.5
236 25.4 21.1 31.7

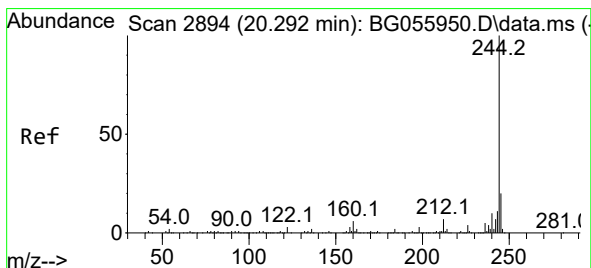
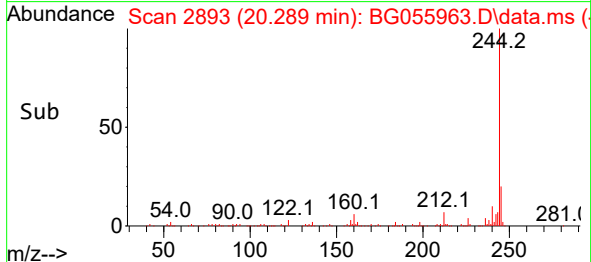
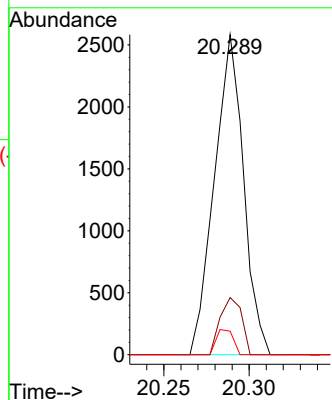
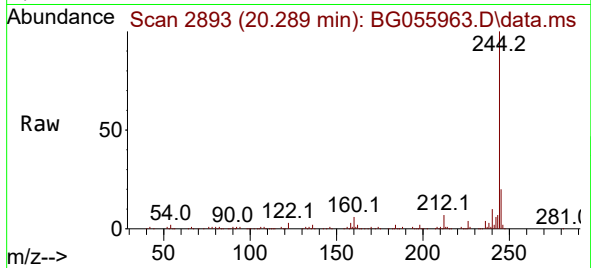




#77
Benzidine
Concen: 2.653 ng
RT: 20.289 min Scan# 2893
Delta R.T. 0.379 min
Lab File: BG055963.D
Acq: 14 Dec 2022 17:25

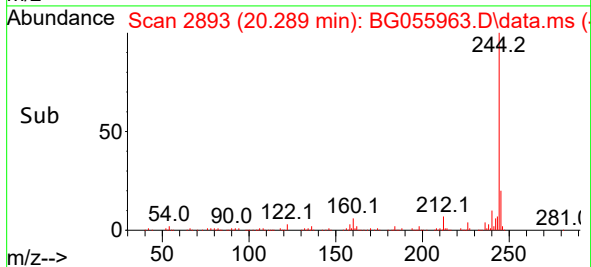
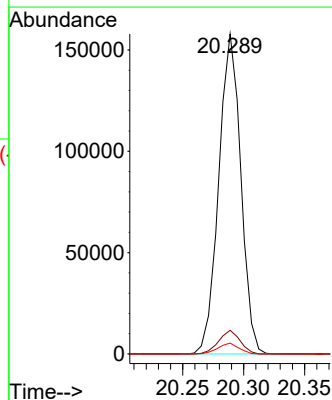
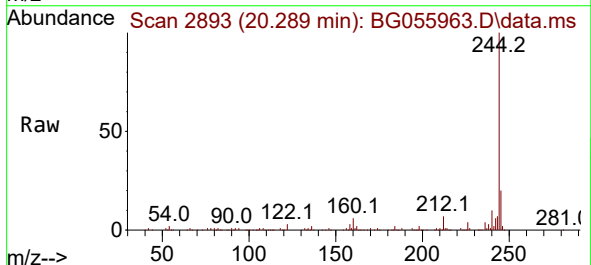
Instrument :
BNA_G
ClientSampleId :
MW-15

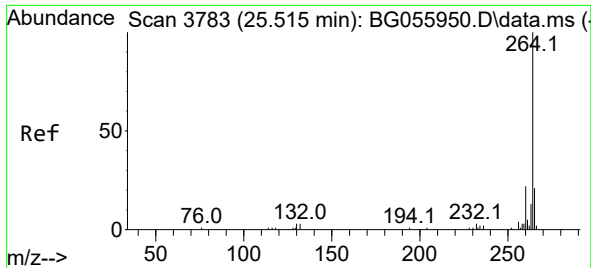
Tgt Ion:184 Resp: 3066
Ion Ratio Lower Upper
184 100
185 17.9 10.9 16.3#
183 7.4 9.2 13.8#



#79
Terphenyl-d14
Concen: 53.388 ng
RT: 20.289 min Scan# 2893
Delta R.T. -0.003 min
Lab File: BG055963.D
Acq: 14 Dec 2022 17:25

Tgt Ion:244 Resp: 198780
Ion Ratio Lower Upper
244 100
212 7.4 5.8 8.6
122 3.4 2.5 3.7





#86

Perylene-d12

Concen: 20.000 ng

RT: 25.512 min Scan# 31

Delta R.T. -0.003 min

Lab File: BG055963.D

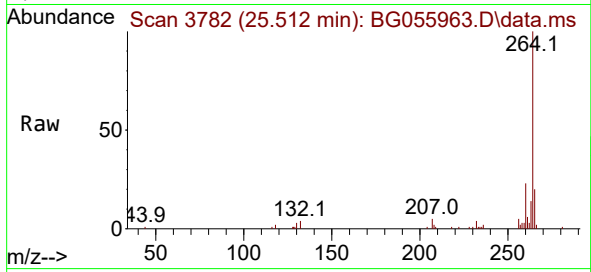
Acq: 14 Dec 2022 17:25

Instrument :

BNA_G

ClientSampleId :

MW-15



Tgt Ion:264 Resp: 79079

Ion Ratio Lower Upper

264 100

260 23.3 17.8 26.8

265 20.2 16.6 25.0

