

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121422\
 Data File : BG055964.D
 Acq On : 14 Dec 2022 18:06
 Operator : CG/JU
 Sample : N6001-17
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-16

Quant Time: Dec 15 00:51:38 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)

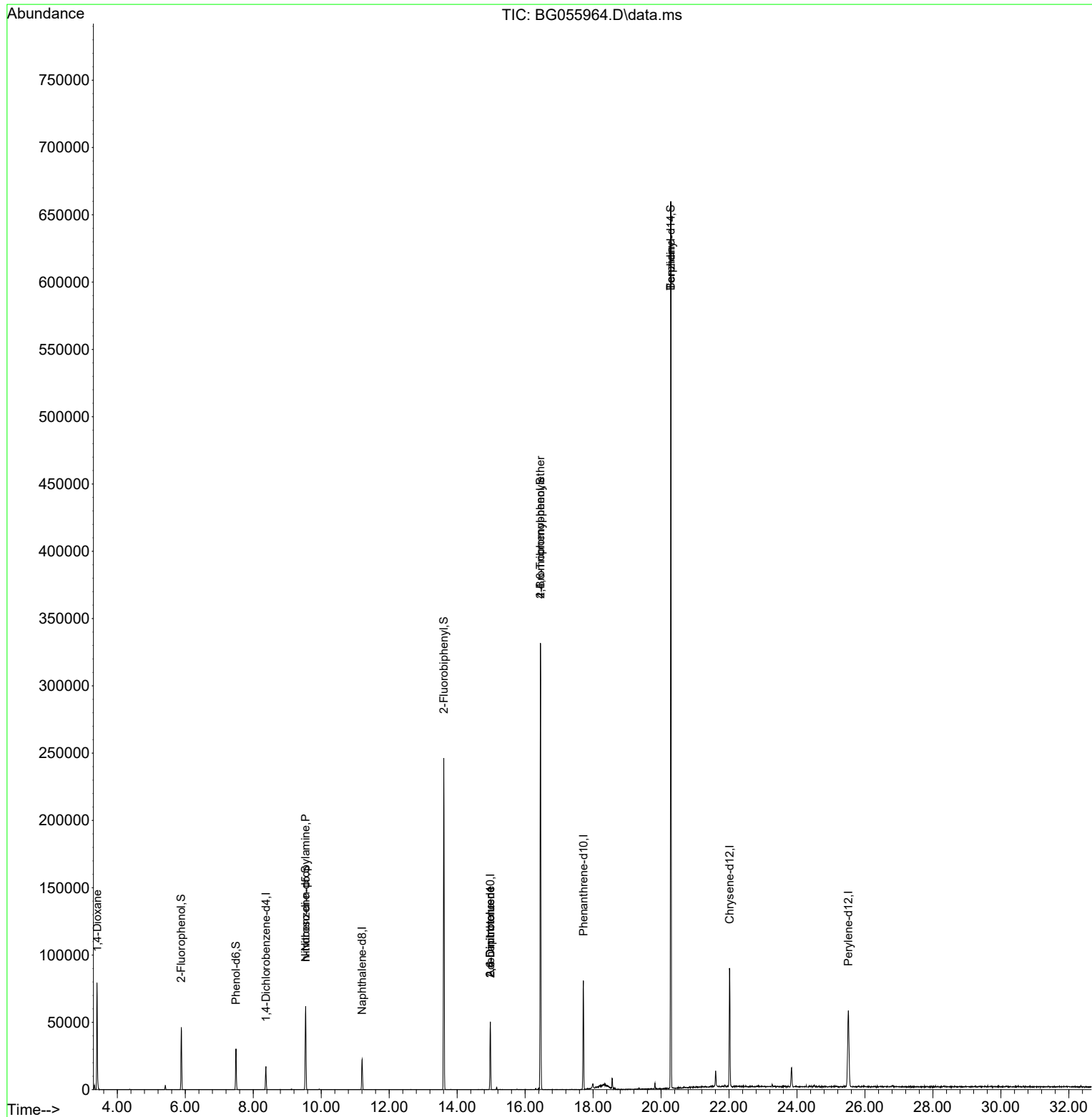
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.373	152	5521	20.000	ng	0.00
21) Naphthalene-d8	11.205	136	20965	20.000	ng	# 0.00
39) Acenaphthene-d10	14.977	164	19726	20.000	ng	0.00
64) Phenanthrene-d10	17.715	188	59211	20.000	ng	0.00
76) Chrysene-d12	22.016	240	66392	20.000	ng	0.00
86) Perylene-d12	25.511	264	80346	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.882	112	18719	79.513	ng	0.00
7) Phenol-d6	7.491	99	14867	49.101	ng	0.00
23) Nitrobenzene-d5	9.542	82	32252	107.505	ng	0.00
42) 2,4,6-Tribromophenol	16.451	330	87194	183.314	ng	0.00
45) 2-Fluorobiphenyl	13.608	172	134271	95.464	ng	0.00
79) Terphenyl-d14	20.288	244	357593	95.193	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.408	88	414	6.043	ng	# 1
19) n-Nitroso-di-n-propyla...	9.542	70	5261	24.241	ng	# 63
51) 2,6-Dinitrotoluene	14.977	165	2395	9.075	ng	# 25
57) 2,4-Dinitrotoluene	14.977	165	2395	6.012	ng	# 35
67) 4-Bromophenyl-phenylether	16.451	248	4916	5.666	ng	# 1
77) Benzidine	20.288	184	5353	4.591	ng	# 93

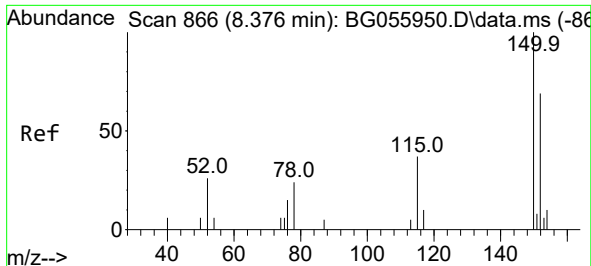
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121422\
Data File : BG055964.D
Acq On : 14 Dec 2022 18:06
Operator : CG/JU
Sample : N6001-17
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-16

Quant Time: Dec 15 00:51:38 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

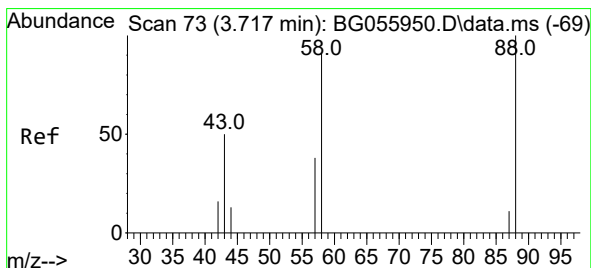
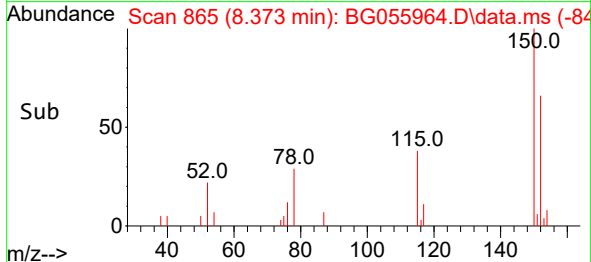
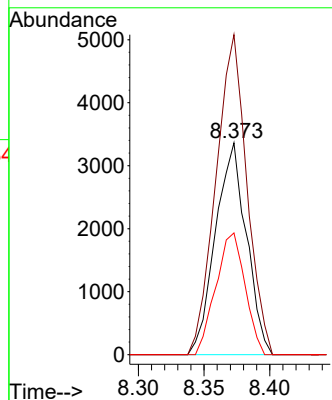
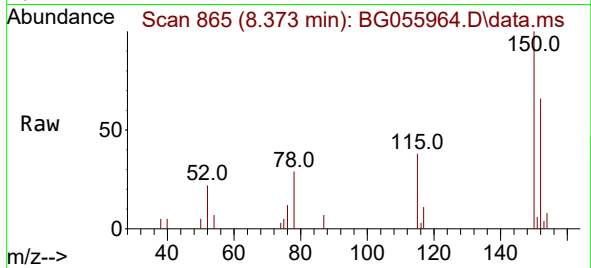




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.373 min Scan# 80
 Delta R.T. -0.003 min
 Lab File: BG055964.D
 Acq: 14 Dec 2022 18:06

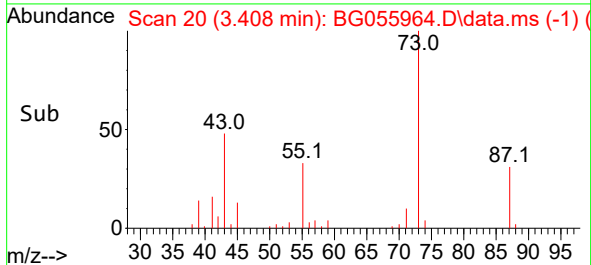
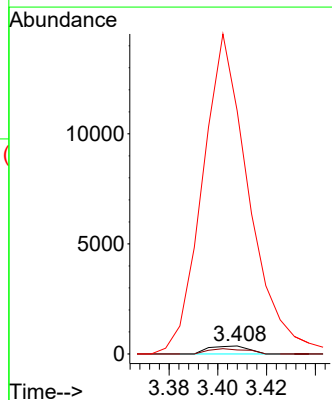
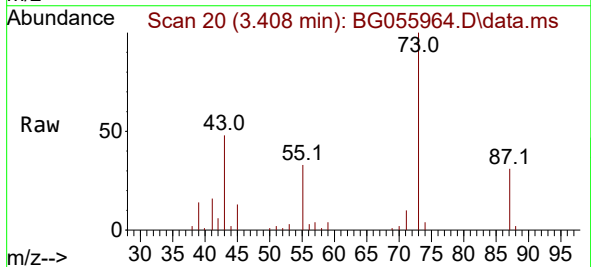
Instrument :
 BNA_G
 ClientSampleId :
 MW-16

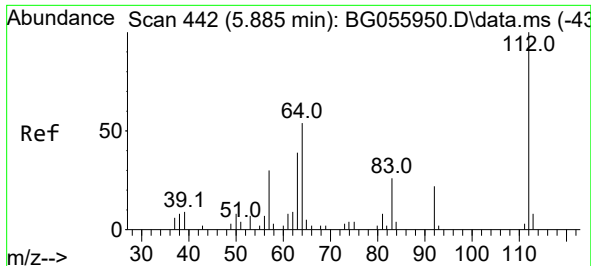
Tgt Ion:152 Resp: 5521
 Ion Ratio Lower Upper
 152 100
 150 151.1 115.7 173.5
 115 57.5 43.0 64.4



#2
 1,4-Dioxane
 Concen: 6.043 ng
 RT: 3.408 min Scan# 20
 Delta R.T. -0.309 min
 Lab File: BG055964.D
 Acq: 14 Dec 2022 18:06

Tgt Ion: 88 Resp: 414
 Ion Ratio Lower Upper
 88 100
 58 63.8 67.0 100.4#
 43 4720.0 45.7 68.5#

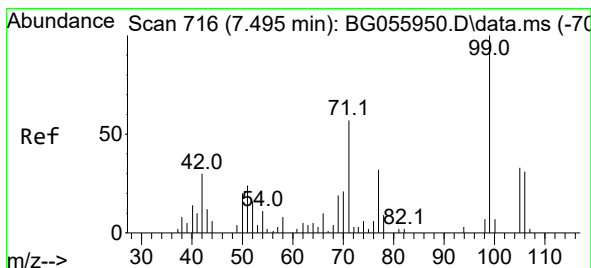
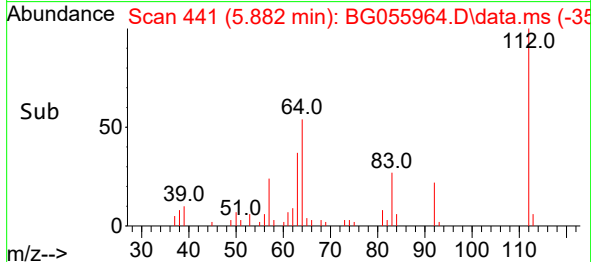
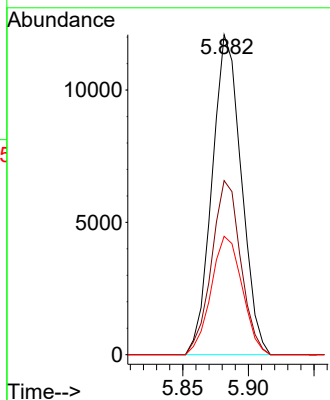
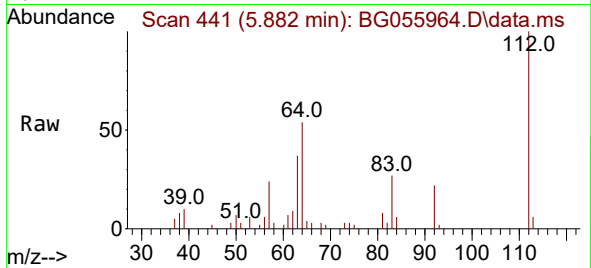




#5
2-Fluorophenol
Concen: 79.513 ng
RT: 5.882 min Scan# 441
Delta R.T. -0.004 min
Lab File: BG055964.D
Acq: 14 Dec 2022 18:06

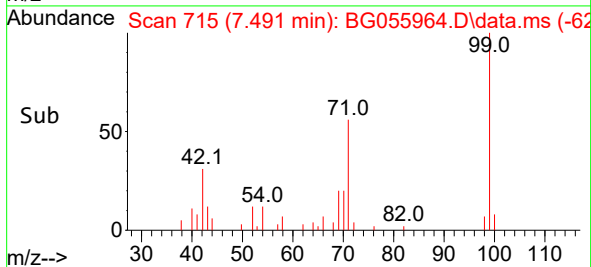
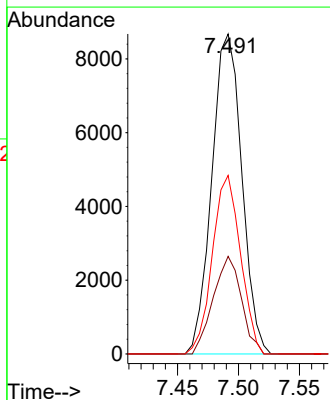
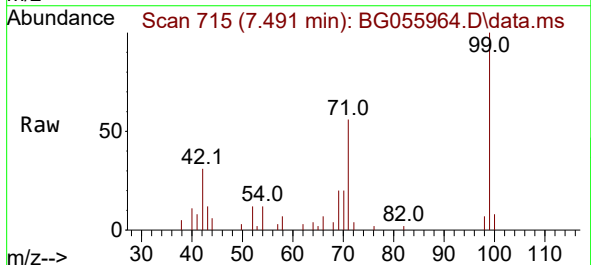
Instrument :
BNA_G
ClientSampleId :
MW-16

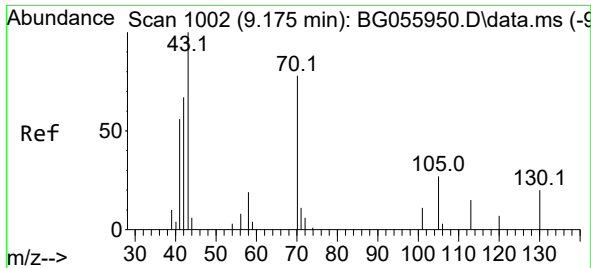
Tgt Ion:112 Resp: 18719
Ion Ratio Lower Upper
112 100
64 54.4 43.0 64.4
63 37.0 31.4 47.2



#7
Phenol-d6
Concen: 49.101 ng
RT: 7.491 min Scan# 715
Delta R.T. -0.004 min
Lab File: BG055964.D
Acq: 14 Dec 2022 18:06

Tgt Ion: 99 Resp: 14867
Ion Ratio Lower Upper
99 100
42 30.5 24.3 36.5
71 55.8 45.6 68.4

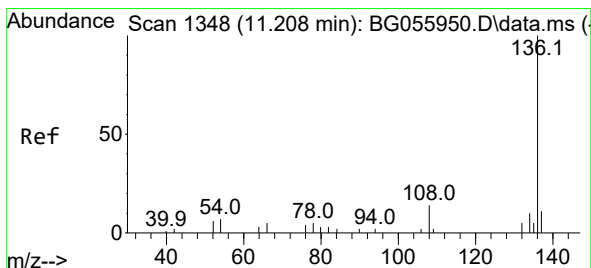
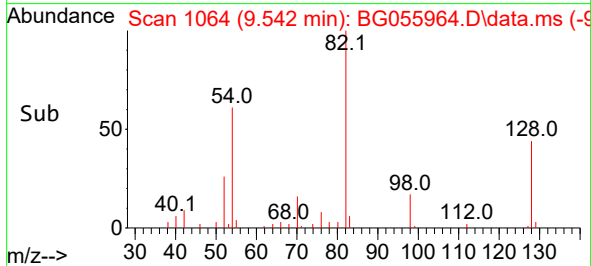
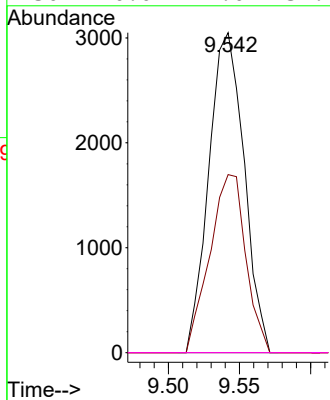
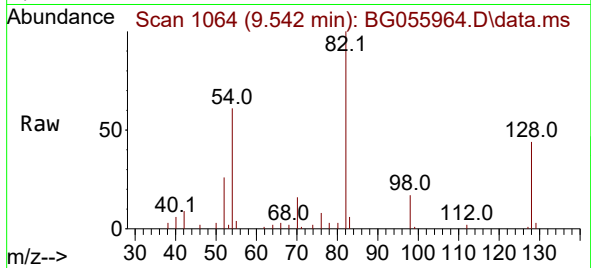




#19
n-Nitroso-di-n-propylamine
Concen: 24.241 ng
RT: 9.542 min Scan# 1064
Delta R.T. 0.366 min
Lab File: BG055964.D
Acq: 14 Dec 2022 18:06

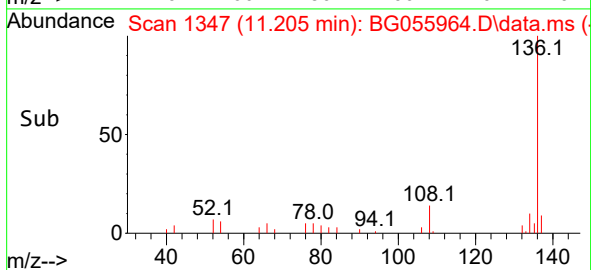
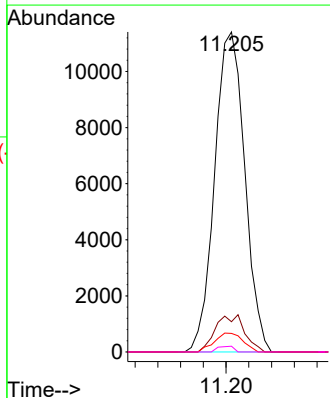
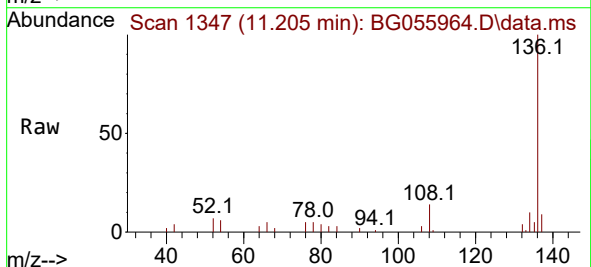
Instrument :
BNA_G
ClientSampleId :
MW-16

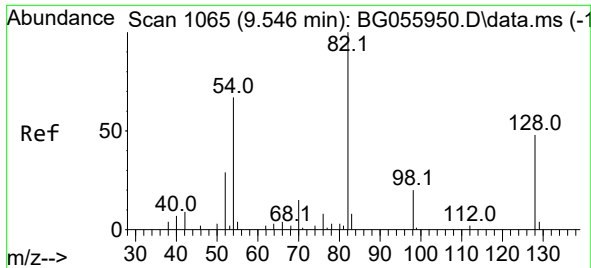
Tgt Ion: 70 Resp: 5261
Ion Ratio Lower Upper
70 100
42 55.6 69.0 103.4#
101 0.0 11.8 17.8#
130 0.0 21.0 31.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.205 min Scan# 1347
Delta R.T. -0.004 min
Lab File: BG055964.D
Acq: 14 Dec 2022 18:06

Tgt Ion:136 Resp: 20965
Ion Ratio Lower Upper
136 100
137 9.5 9.2 13.8
54 5.8 5.6 8.4
68 1.8 0.0 0.0#





#23

Nitrobenzene-d5

Concen: 107.505 ng

RT: 9.542 min Scan# 1064

Delta R.T. -0.004 min

Lab File: BG055964.D

Acq: 14 Dec 2022 18:06

Instrument :

BNA_G

ClientSampleId :

MW-16

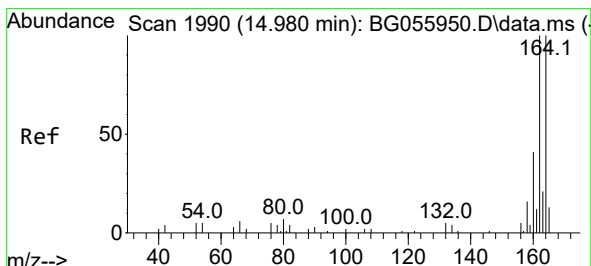
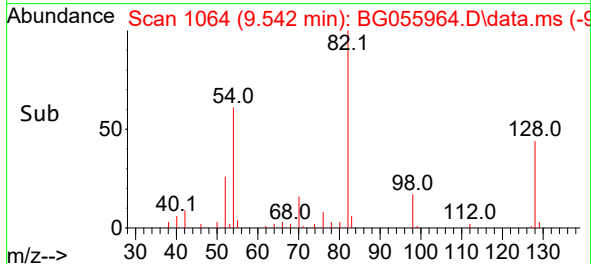
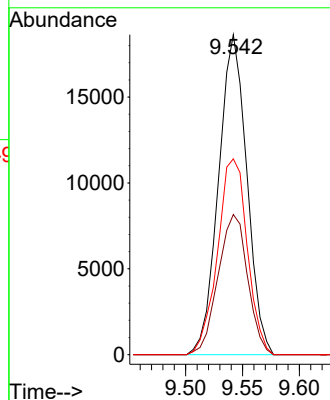
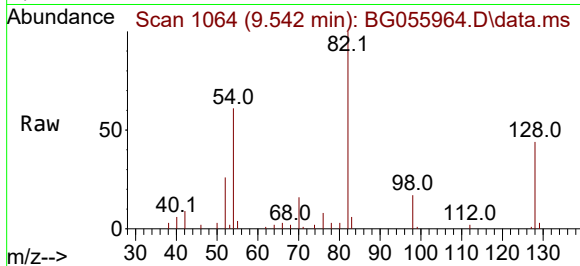
Tgt Ion: 82 Resp: 32252

Ion Ratio Lower Upper

82 100

128 43.8 38.4 57.6

54 61.2 53.3 79.9



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.977 min Scan# 1989

Delta R.T. -0.004 min

Lab File: BG055964.D

Acq: 14 Dec 2022 18:06

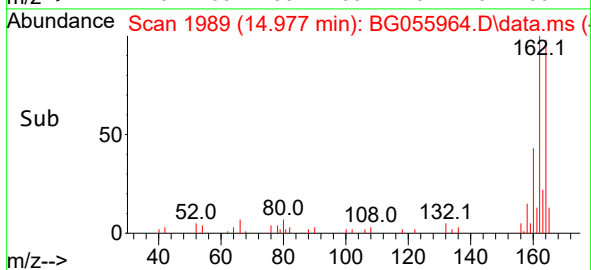
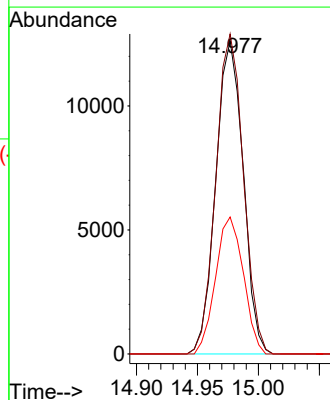
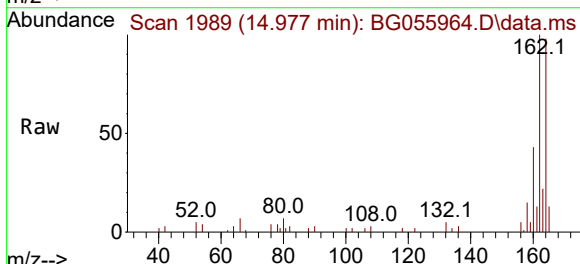
Tgt Ion:164 Resp: 19726

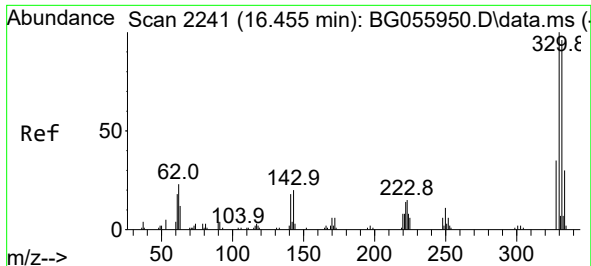
Ion Ratio Lower Upper

164 100

162 102.2 79.8 119.8

160 43.7 33.0 49.4

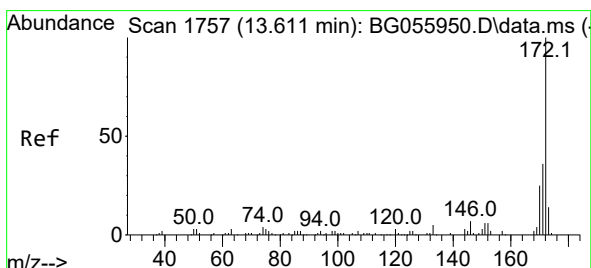
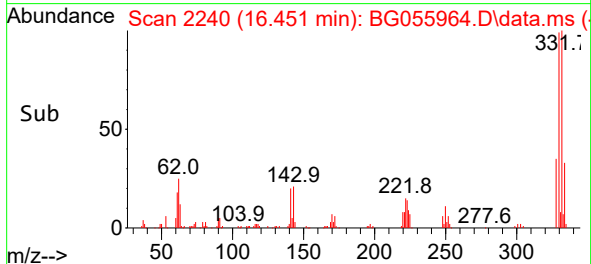
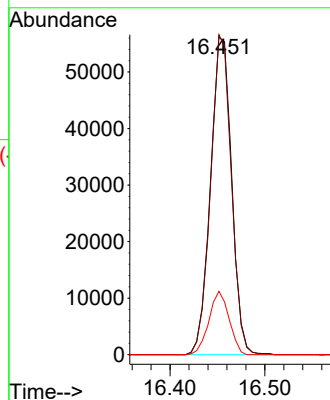
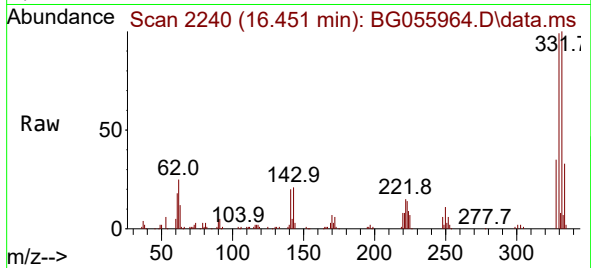




#42
 2,4,6-Tribromophenol
 Concen: 183.314 ng
 RT: 16.451 min Scan# 21
 Delta R.T. -0.004 min
 Lab File: BG055964.D
 Acq: 14 Dec 2022 18:06

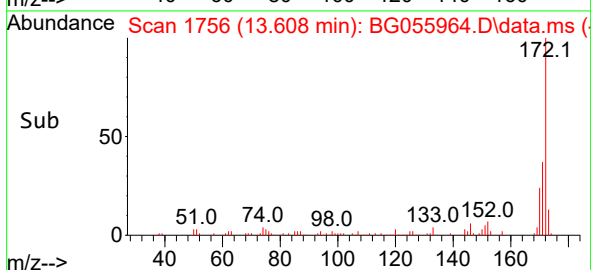
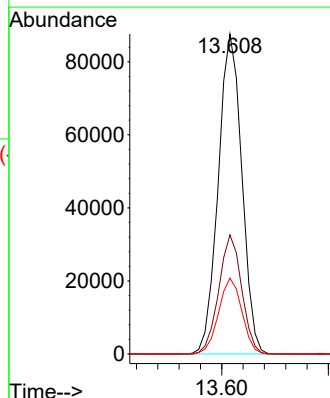
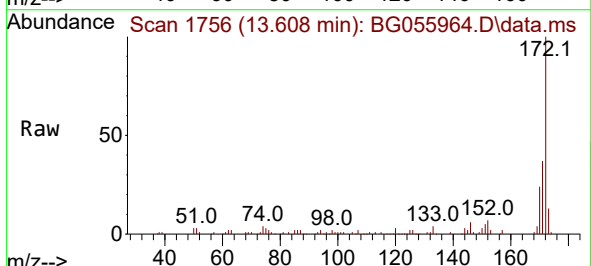
Instrument :
 BNA_G
 ClientSampleId :
 MW-16

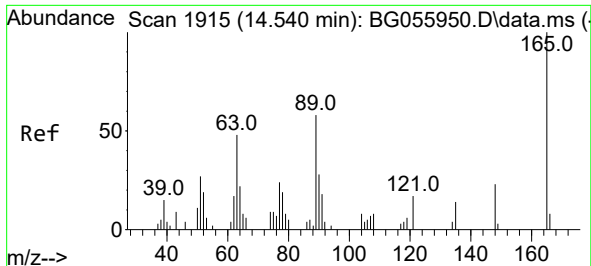
Tgt Ion:330 Resp: 87194
 Ion Ratio Lower Upper
 330 100
 332 98.1 76.6 114.8
 141 19.0 15.0 22.4



#45
 2-Fluorobiphenyl
 Concen: 95.464 ng
 RT: 13.608 min Scan# 1756
 Delta R.T. -0.004 min
 Lab File: BG055964.D
 Acq: 14 Dec 2022 18:06

Tgt Ion:172 Resp: 134271
 Ion Ratio Lower Upper
 172 100
 171 37.2 28.6 42.8
 170 23.7 19.9 29.9

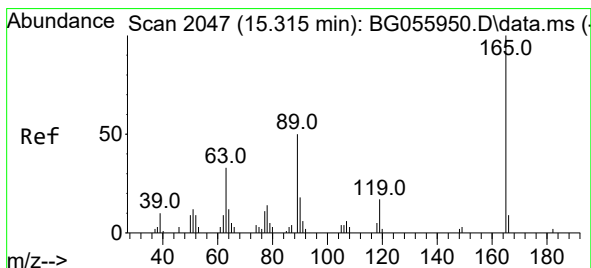
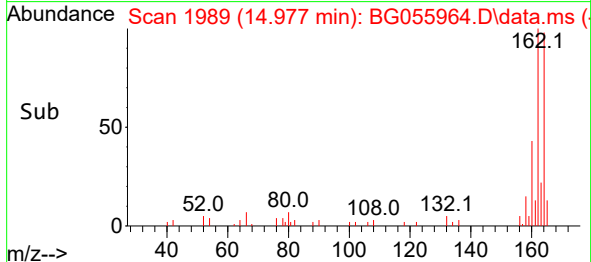
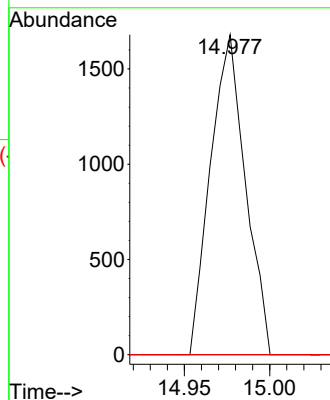
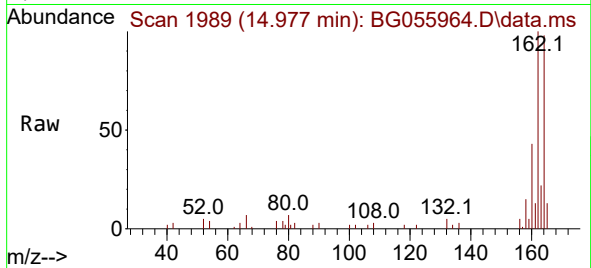




#51
2,6-Dinitrotoluene
Concen: 9.075 ng
RT: 14.977 min Scan# 1989
Delta R.T. 0.437 min
Lab File: BG055964.D
Acq: 14 Dec 2022 18:06

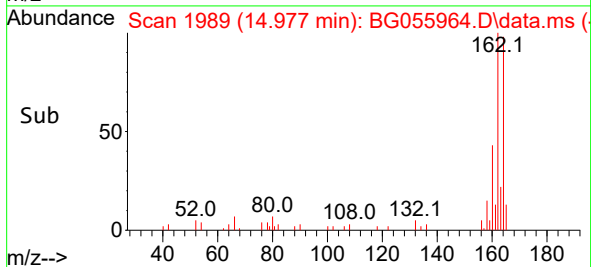
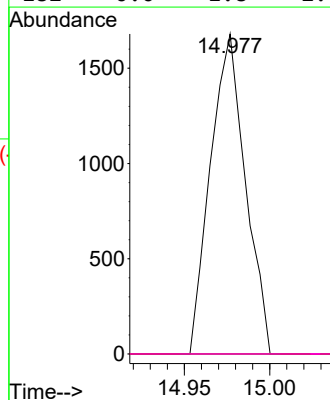
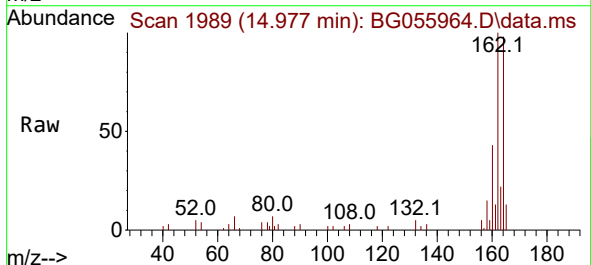
Instrument :
BNA_G
ClientSampleId :
MW-16

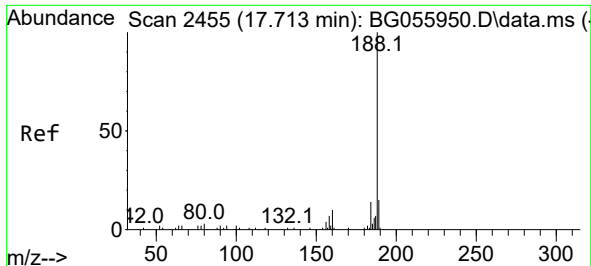
Tgt Ion:165 Resp: 2395
Ion Ratio Lower Upper
165 100
63 0.0 38.3 57.5#
89 0.0 46.3 69.5#



#57
2,4-Dinitrotoluene
Concen: 6.012 ng
RT: 14.977 min Scan# 1989
Delta R.T. -0.339 min
Lab File: BG055964.D
Acq: 14 Dec 2022 18:06

Tgt Ion:165 Resp: 2395
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#

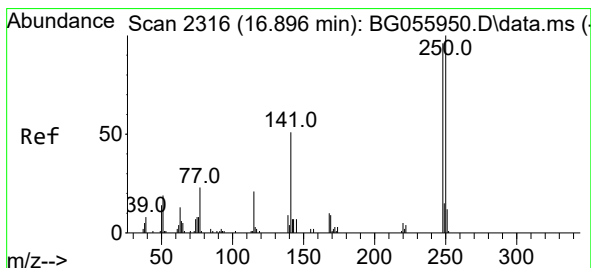
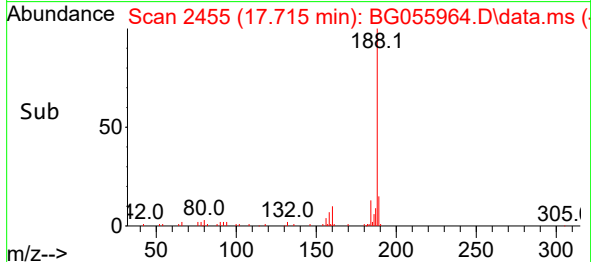
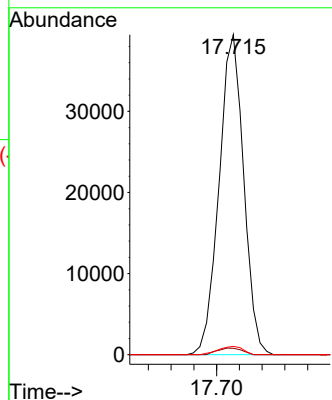
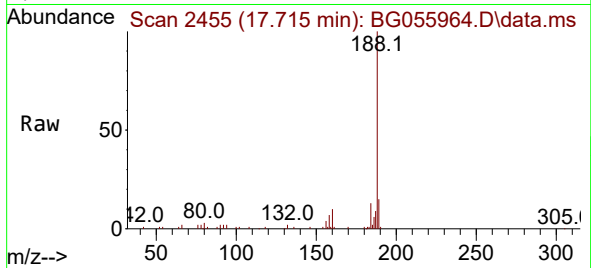




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.715 min Scan# 2455
Delta R.T. 0.002 min
Lab File: BG055964.D
Acq: 14 Dec 2022 18:06

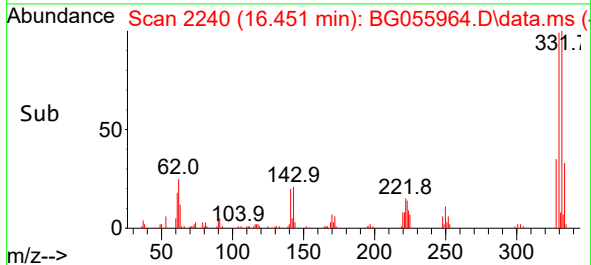
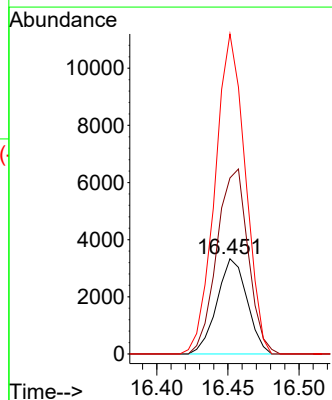
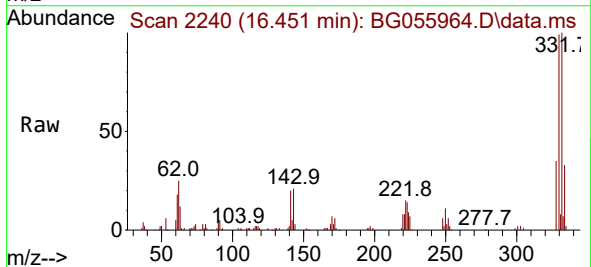
Instrument :
BNA_G
ClientSampleId :
MW-16

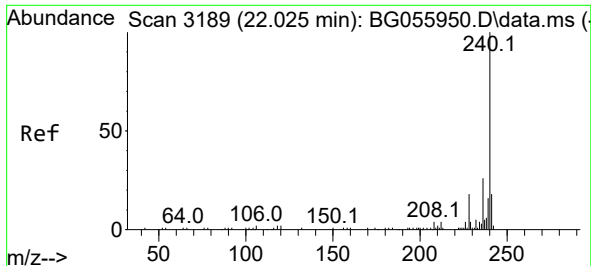
Tgt Ion:188 Resp: 59211
Ion Ratio Lower Upper
188 100
94 2.0 1.8 2.8
80 2.6 2.4 3.6



#67
4-Bromophenyl-phenylether
Concen: 5.666 ng
RT: 16.451 min Scan# 2240
Delta R.T. -0.444 min
Lab File: BG055964.D
Acq: 14 Dec 2022 18:06

Tgt Ion:248 Resp: 4916
Ion Ratio Lower Upper
248 100
250 184.7 83.0 124.6#
141 335.9 42.6 64.0#

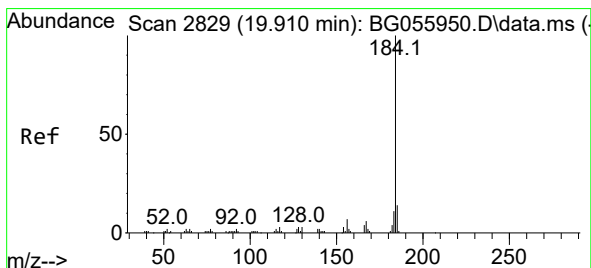
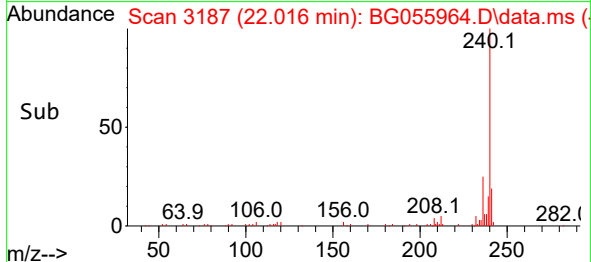
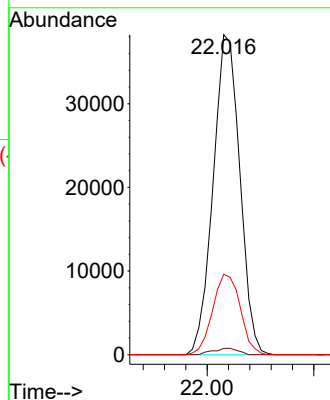
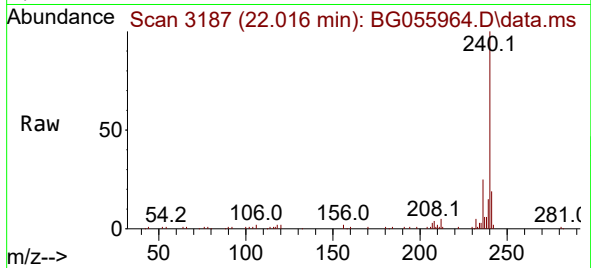




#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.016 min Scan# 3187
Delta R.T. -0.010 min
Lab File: BG055964.D
Acq: 14 Dec 2022 18:06

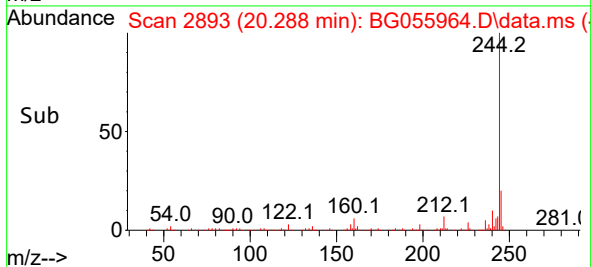
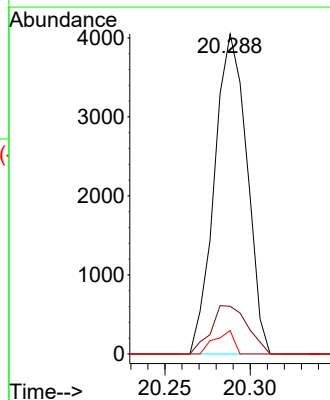
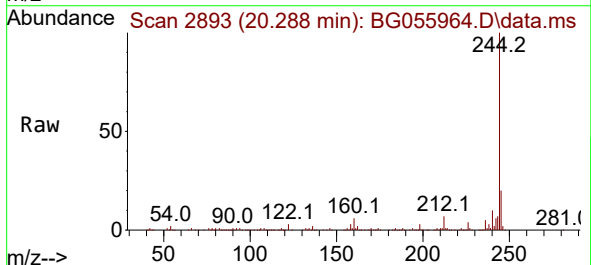
Instrument :
BNA_G
ClientSampleId :
MW-16

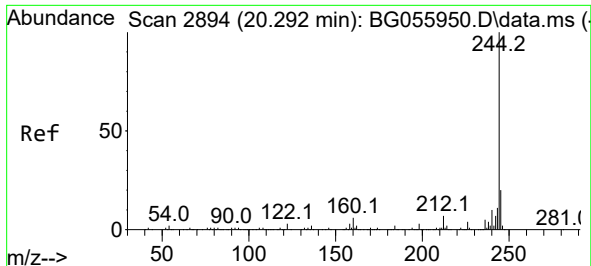
Tgt Ion:240 Resp: 66392
Ion Ratio Lower Upper
240 100
120 2.0 1.7 2.5
236 25.1 21.1 31.7



#77
Benzidine
Concen: 4.591 ng
RT: 20.288 min Scan# 2893
Delta R.T. 0.378 min
Lab File: BG055964.D
Acq: 14 Dec 2022 18:06

Tgt Ion:184 Resp: 5353
Ion Ratio Lower Upper
184 100
185 14.9 10.9 16.3
183 7.3 9.2 13.8#

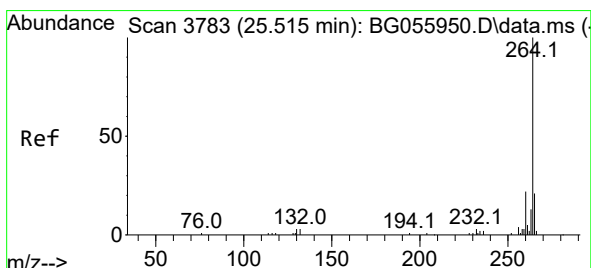
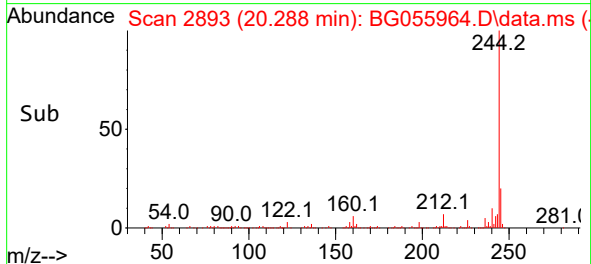
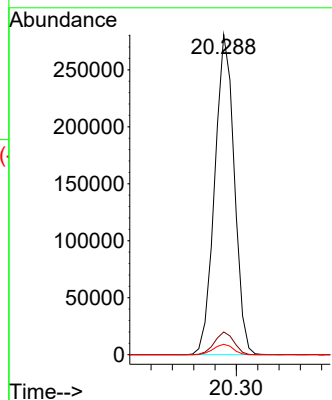
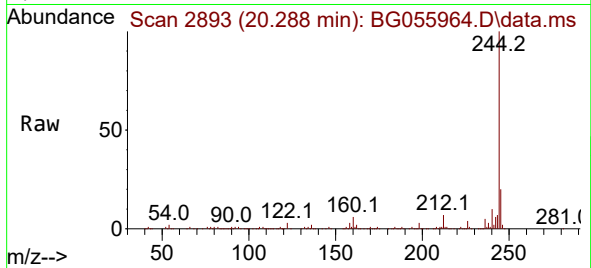




#79
 Terphenyl-d14
 Concen: 95.193 ng
 RT: 20.288 min Scan# 21
 Delta R.T. -0.004 min
 Lab File: BG055964.D
 Acq: 14 Dec 2022 18:06

Instrument :
 BNA_G
 ClientSampleId :
 MW-16

Tgt Ion:244 Resp: 357593
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.6
 122 3.2 2.5 3.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.511 min Scan# 3782
 Delta R.T. -0.004 min
 Lab File: BG055964.D
 Acq: 14 Dec 2022 18:06

Tgt Ion:264 Resp: 80346
 Ion Ratio Lower Upper
 264 100
 260 22.5 17.8 26.8
 265 20.8 16.6 25.0

