

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052322\
 Data File : BG053665.D
 Acq On : 23 May 2022 15:30
 Operator : CG/JU
 Sample : N2968-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-24

Quant Time: May 24 05:09:25 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 24 05:05:32 2022
 Response via : Initial Calibration

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

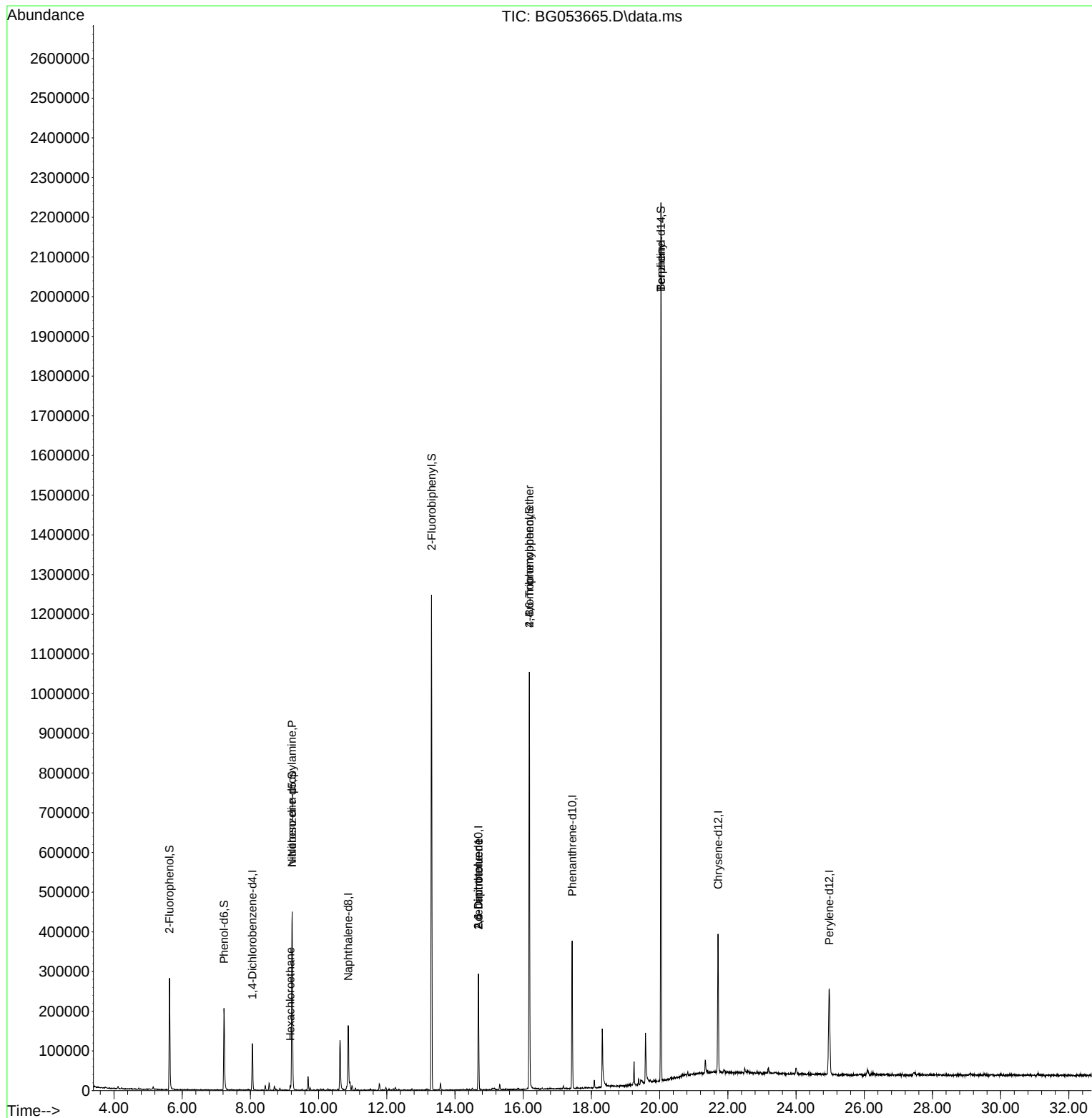
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.061	152	32121	20.000	ng	0.00
21) Naphthalene-d8	10.869	136	134063	20.000	ng	# 0.00
39) Acenaphthene-d10	14.687	164	101020	20.000	ng	0.00
64) Phenanthrene-d10	17.436	188	239635	20.000	ng	0.00
76) Chrysene-d12	21.713	240	224458	20.000	ng	0.00
86) Perylene-d12	24.973	264	223713	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.629	112	118183	62.443	ng	0.00
7) Phenol-d6	7.226	99	125623	43.734	ng	0.00
23) Nitrobenzene-d5	9.224	82	291757	92.640	ng	0.00
42) 2,4,6-Tribromophenol	16.179	330	206480	138.584	ng	0.00
45) 2-Fluorobiphenyl	13.312	172	667998	96.628	ng	0.00
79) Terphenyl-d14	20.038	244	1089179	90.376	ng	0.00
Target Compounds						
						Qvalue
18) Hexachloroethane	9.171	117	3919	4.381	ng	# 34
19) n-Nitroso-di-n-propyla...	9.224	70	41228	20.005	ng	# 76
51) 2,6-Dinitrotoluene	14.687	165	13773	8.806	ng	# 19
57) 2,4-Dinitrotoluene	14.687	165	13773	6.075	ng	# 24
67) 4-Bromophenyl-phenylether	16.179	248	13472	4.814	ng	# 1
77) Benzidine	20.038	184	19460	4.022	ng	# 94

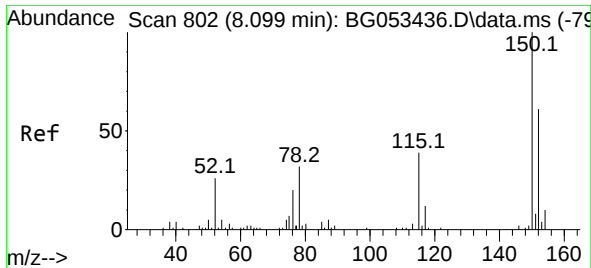
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052322\
Data File : BG053665.D
Acq On : 23 May 2022 15:30
Operator : CG/JU
Sample : N2968-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-24

Quant Time: May 24 05:09:25 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 24 05:05:32 2022
Response via : Initial Calibration

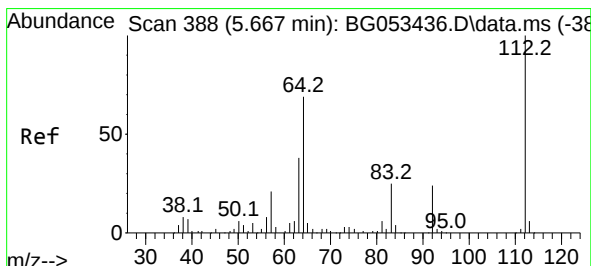
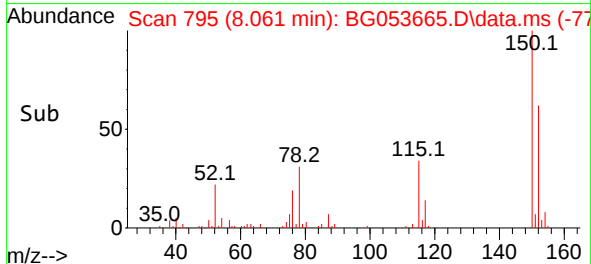
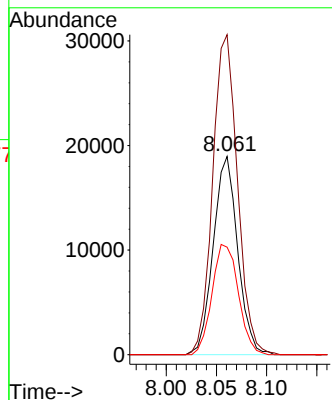
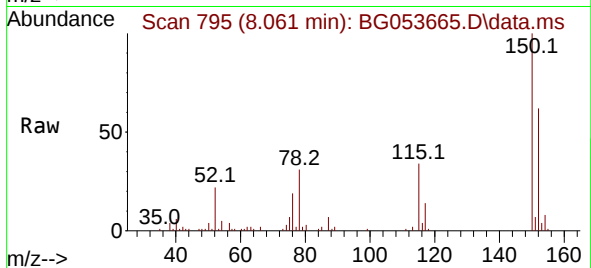




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.061 min Scan# 79
Delta R.T. 0.003 min
Lab File: BG053665.D
Acq: 23 May 2022 15:30

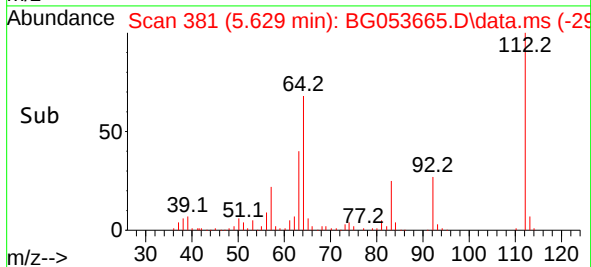
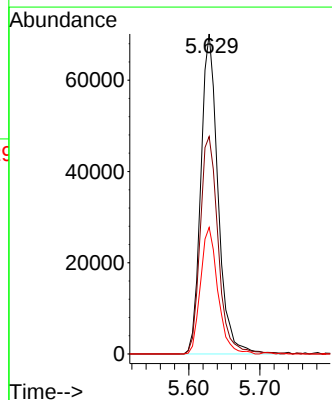
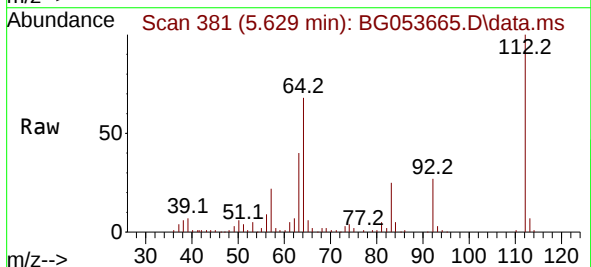
Instrument :
BNA_G
ClientSampleId :
MW-24

Tgt Ion:152 Resp: 32121
Ion Ratio Lower Upper
152 100
150 161.4 131.6 197.4
115 54.2 50.9 76.3



#5
2-Fluorophenol
Concen: 62.443 ng
RT: 5.629 min Scan# 381
Delta R.T. 0.003 min
Lab File: BG053665.D
Acq: 23 May 2022 15:30

Tgt Ion:112 Resp: 118183
Ion Ratio Lower Upper
112 100
64 67.9 55.1 82.7
63 39.6 30.4 45.6

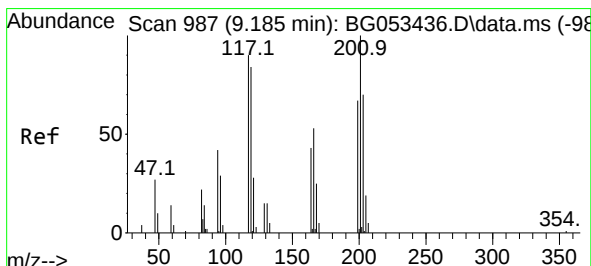
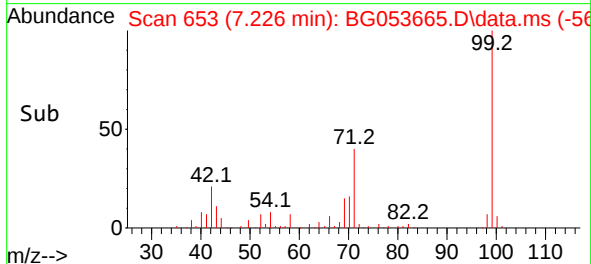
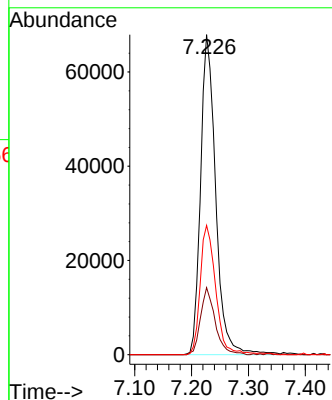
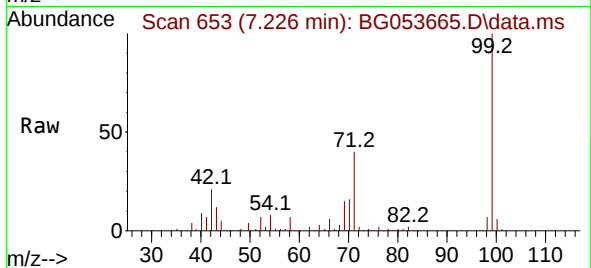




#7
Phenol-d6
Concen: 43.734 ng
RT: 7.226 min Scan# 61
Delta R.T. -0.003 min
Lab File: BG053665.D
Acq: 23 May 2022 15:30

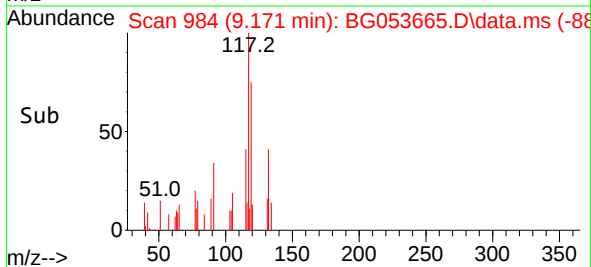
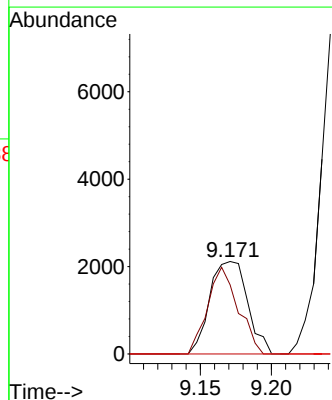
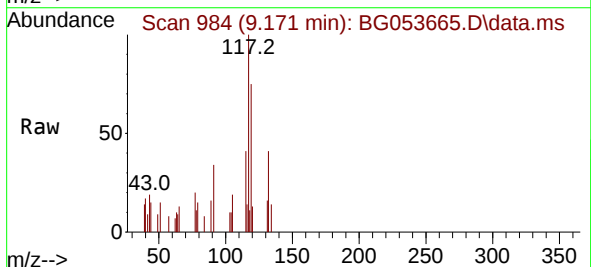
Instrument :
BNA_G
ClientSampleId :
MW-24

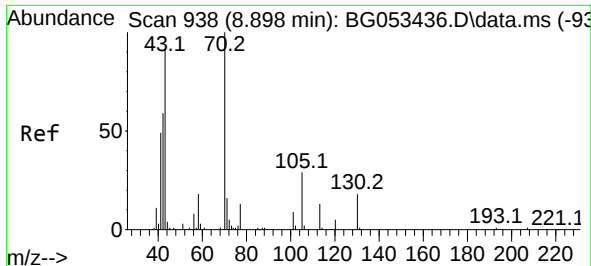
Tgt Ion: 99 Resp: 125623
Ion Ratio Lower Upper
99 100
42 21.0 17.0 25.6
71 40.4 33.8 50.8



#18
Hexachloroethane
Concen: 4.381 ng
RT: 9.171 min Scan# 984
Delta R.T. 0.026 min
Lab File: BG053665.D
Acq: 23 May 2022 15:30

Tgt Ion: 117 Resp: 3919
Ion Ratio Lower Upper
117 100
119 74.8 75.0 112.6#
201 0.0 89.0 133.6#

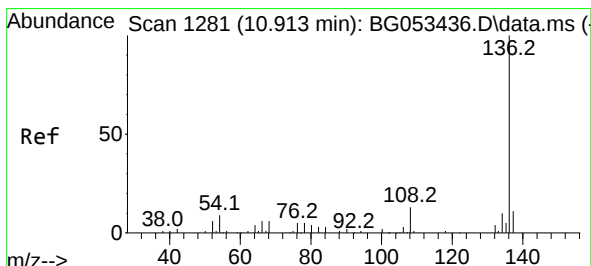
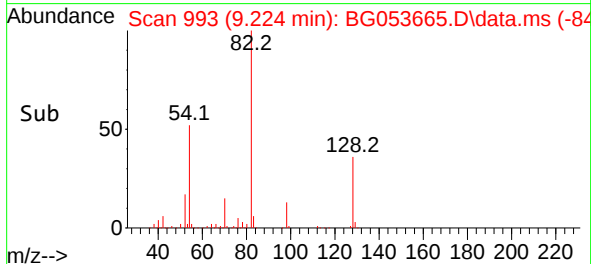
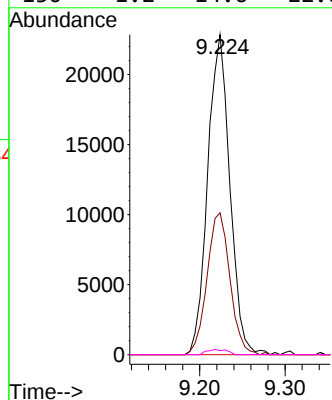
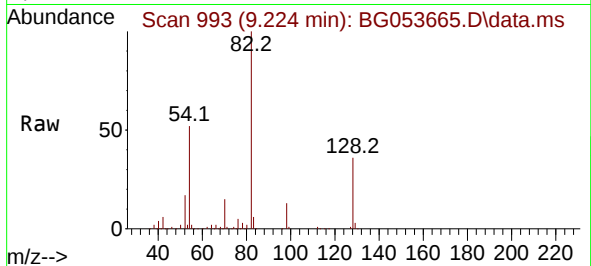




#19
n-Nitroso-di-n-propylamine
Concen: 20.005 ng
RT: 9.224 min Scan# 91
Delta R.T. 0.361 min
Lab File: BG053665.D
Acq: 23 May 2022 15:30

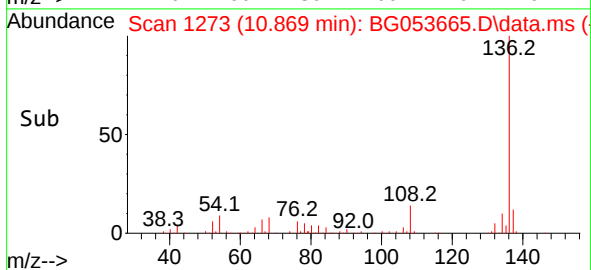
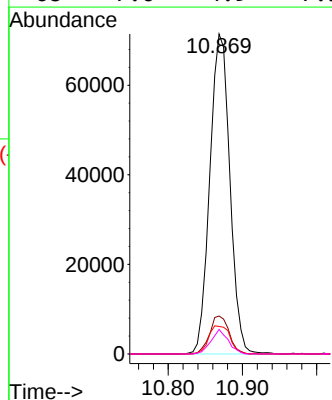
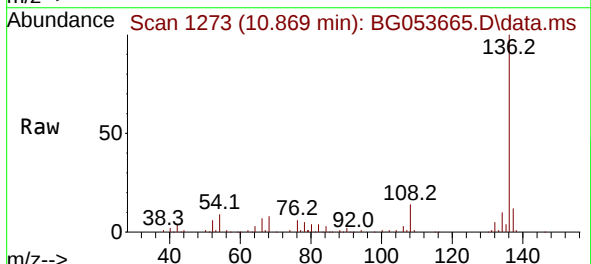
Instrument :
BNA_G
ClientSampleId :
MW-24

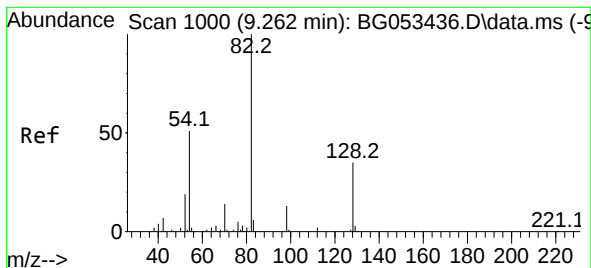
Tgt Ion: 70 Resp: 41228
Ion Ratio Lower Upper
70 100
42 44.3 47.3 70.9#
101 0.0 7.0 10.4#
130 1.2 14.6 22.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.869 min Scan# 1273
Delta R.T. -0.003 min
Lab File: BG053665.D
Acq: 23 May 2022 15:30

Tgt Ion: 136 Resp: 134063
Ion Ratio Lower Upper
136 100
137 11.9 8.5 12.7
54 8.6 7.4 11.2
68 7.6 4.9 7.3#





#23

Nitrobenzene-d5

Concen: 92.640 ng

RT: 9.224 min Scan# 91

Delta R.T. -0.003 min

Lab File: BG053665.D

Acq: 23 May 2022 15:30

Instrument :

BNA_G

ClientSampleId :

MW-24

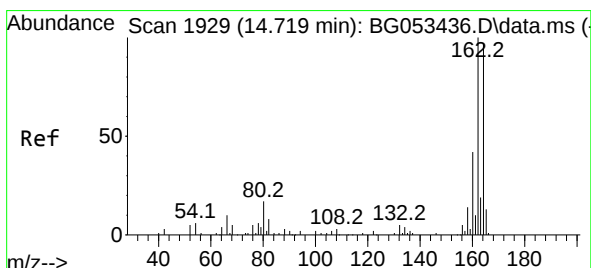
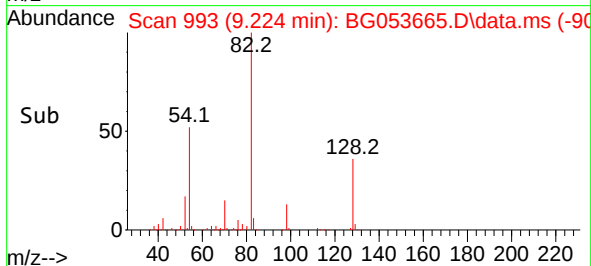
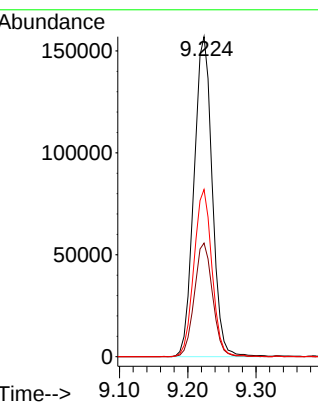
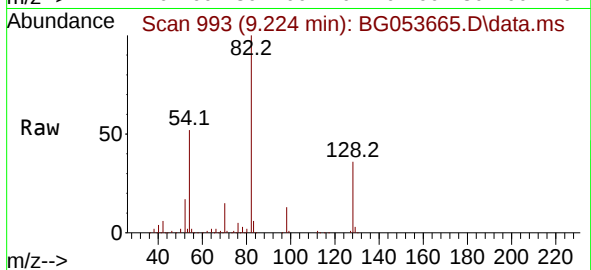
Tgt Ion: 82 Resp: 291757

Ion Ratio Lower Upper

82 100

128 35.5 27.9 41.9

54 52.3 41.2 61.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.687 min Scan# 1923

Delta R.T. -0.003 min

Lab File: BG053665.D

Acq: 23 May 2022 15:30

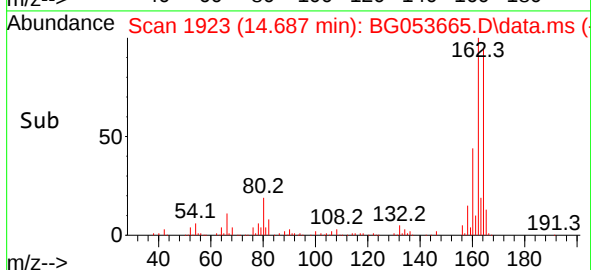
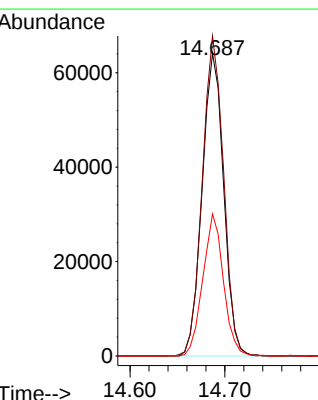
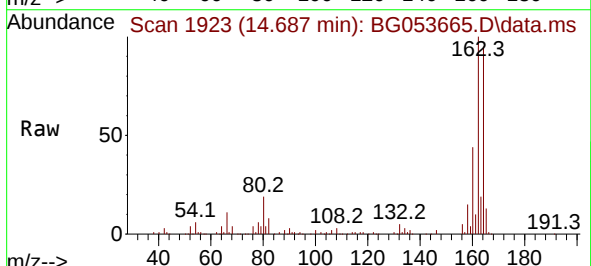
Tgt Ion: 164 Resp: 101020

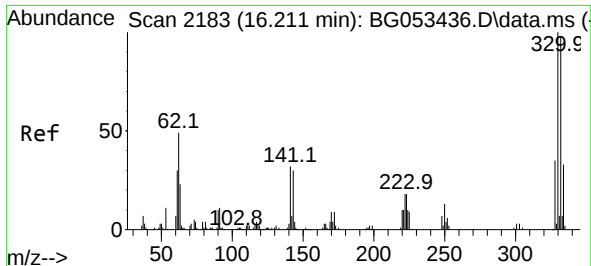
Ion Ratio Lower Upper

164 100

162 105.8 82.3 123.5

160 46.9 34.2 51.2

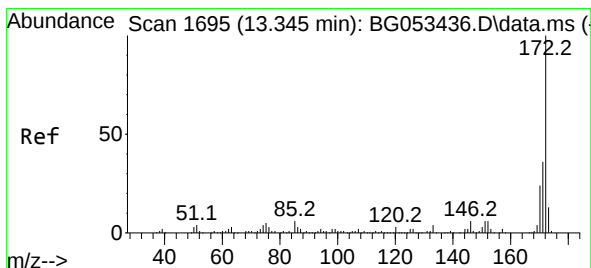
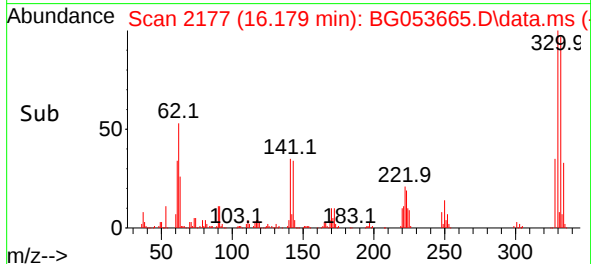
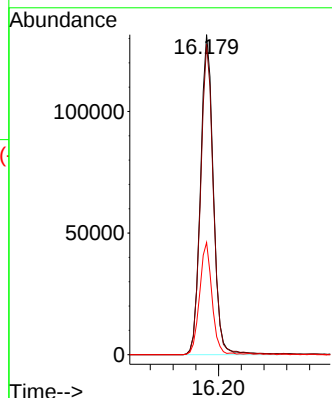
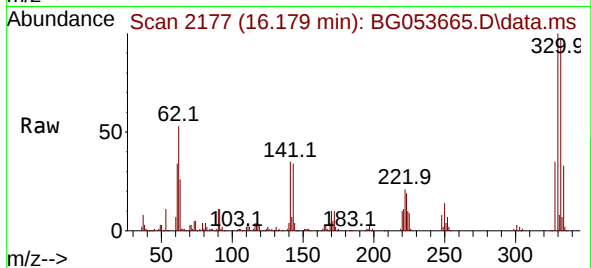




#42
2,4,6-Tribromophenol
Concen: 138.584 ng
RT: 16.179 min Scan# 2183
Delta R.T. -0.003 min
Lab File: BG053665.D
Acq: 23 May 2022 15:30

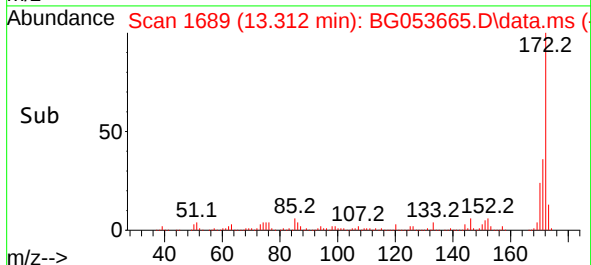
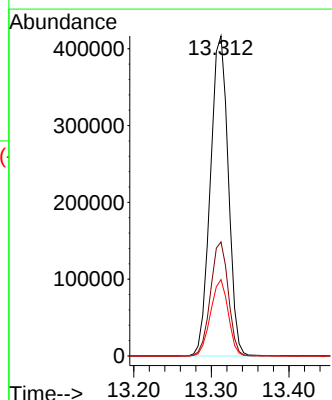
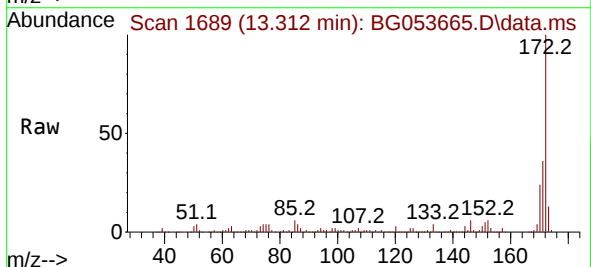
Instrument :
BNA_G
ClientSampleId :
MW-24

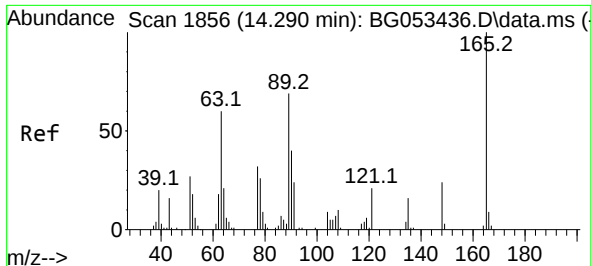
Tgt Ion:330 Resp: 206480
Ion Ratio Lower Upper
330 100
332 96.6 76.0 114.0
141 33.9 27.1 40.7



#45
2-Fluorobiphenyl
Concen: 96.628 ng
RT: 13.312 min Scan# 1689
Delta R.T. -0.003 min
Lab File: BG053665.D
Acq: 23 May 2022 15:30

Tgt Ion:172 Resp: 667998
Ion Ratio Lower Upper
172 100
171 35.7 28.5 42.7
170 23.8 18.9 28.3

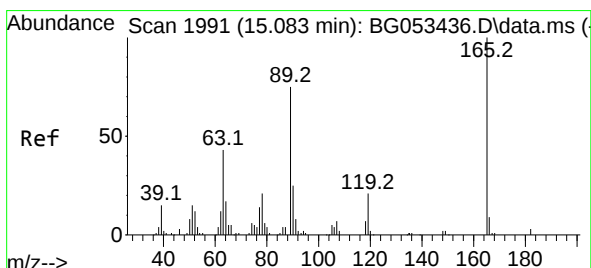
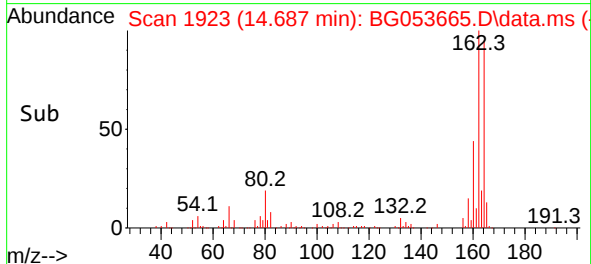
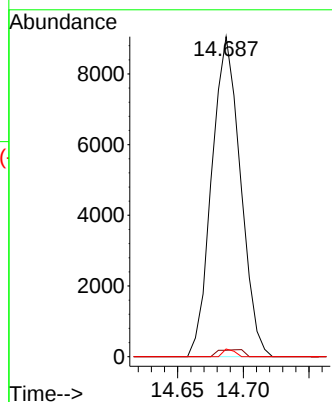
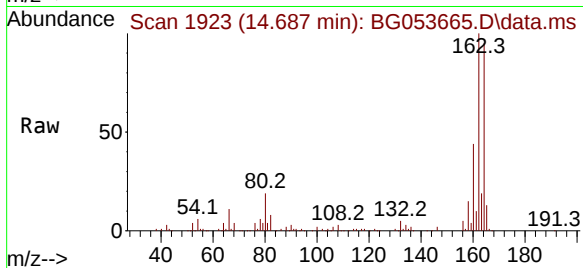




#51
2,6-Dinitrotoluene
Concen: 8.806 ng
RT: 14.687 min Scan# 1923
Delta R.T. 0.426 min
Lab File: BG053665.D
Acq: 23 May 2022 15:30

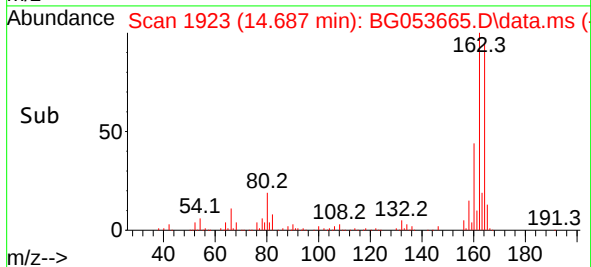
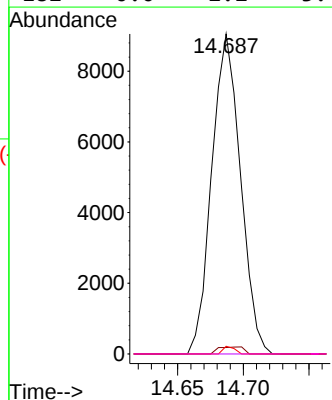
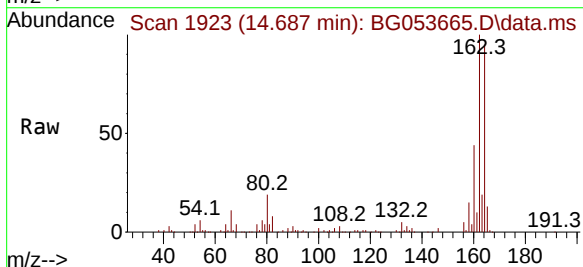
Instrument :
BNA_G
ClientSampleId :
MW-24

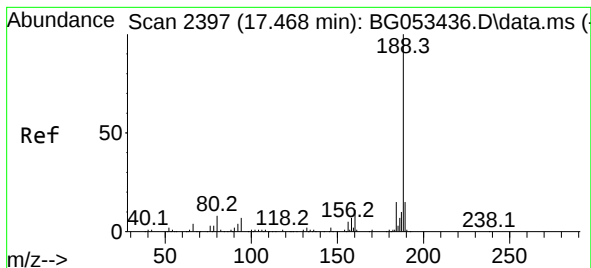
Tgt Ion:165 Resp: 13773
Ion Ratio Lower Upper
165 100
63 2.0 54.1 81.1#
89 2.4 54.8 82.2#



#57
2,4-Dinitrotoluene
Concen: 6.075 ng
RT: 14.687 min Scan# 1923
Delta R.T. -0.367 min
Lab File: BG053665.D
Acq: 23 May 2022 15:30

Tgt Ion:165 Resp: 13773
Ion Ratio Lower Upper
165 100
63 2.0 34.6 52.0#
89 2.4 60.3 90.5#
182 0.0 2.2 3.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.436 min Scan# 21

Delta R.T. -0.003 min

Lab File: BG053665.D

Acq: 23 May 2022 15:30

Instrument :

BNA_G

ClientSampleId :

MW-24

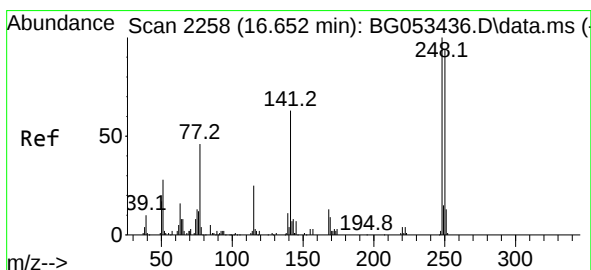
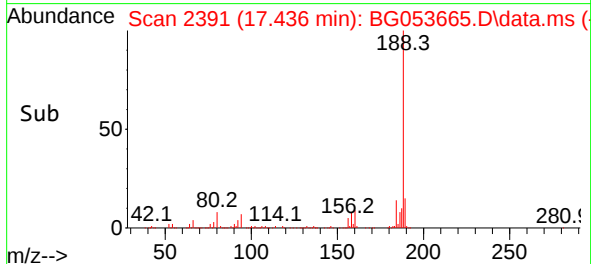
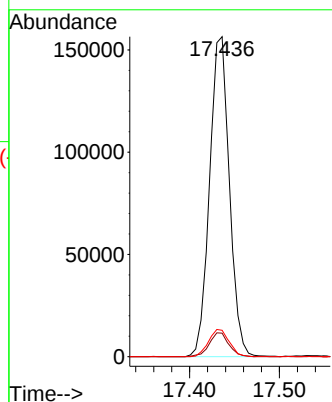
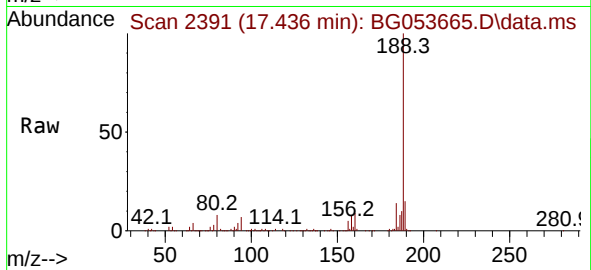
Tgt Ion:188 Resp: 239635

Ion Ratio Lower Upper

188 100

94 7.4 5.4 8.0

80 8.3 6.8 10.2



#67

4-Bromophenyl-phenylether

Concen: 4.814 ng

RT: 16.179 min Scan# 2177

Delta R.T. -0.438 min

Lab File: BG053665.D

Acq: 23 May 2022 15:30

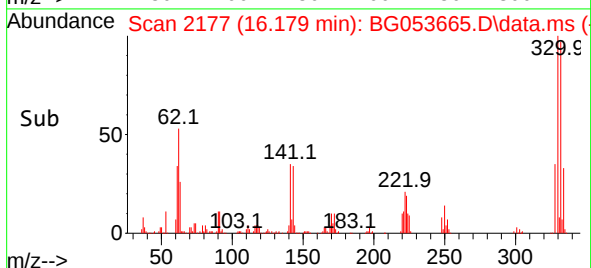
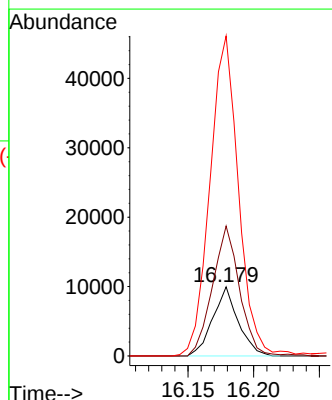
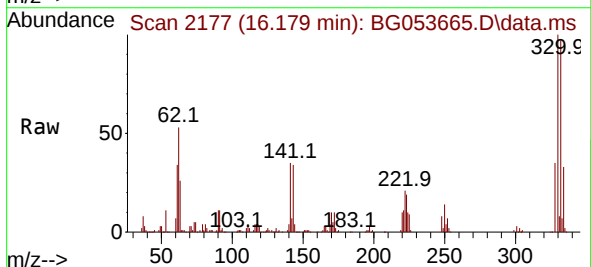
Tgt Ion:248 Resp: 13472

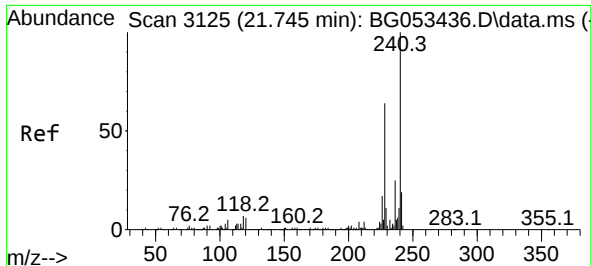
Ion Ratio Lower Upper

248 100

250 188.0 75.2 112.8#

141 463.2 50.0 75.0#

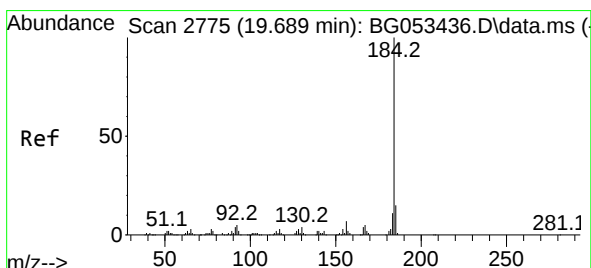
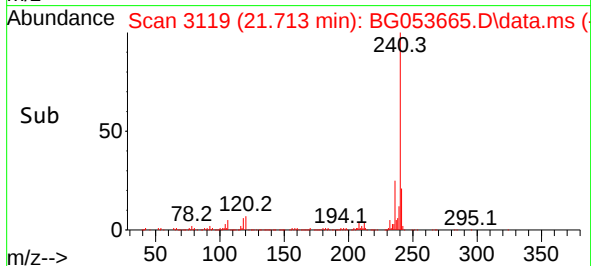
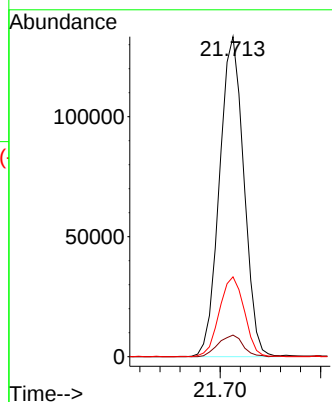
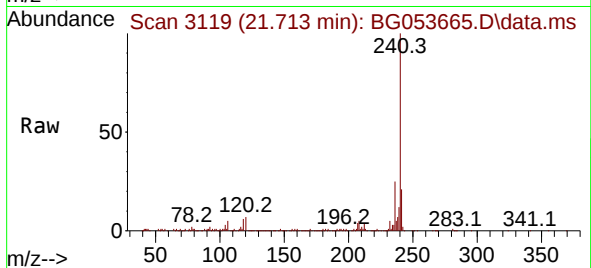




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.713 min Scan# 31
Delta R.T. -0.003 min
Lab File: BG053665.D
Acq: 23 May 2022 15:30

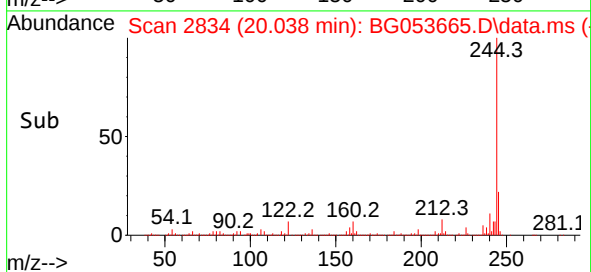
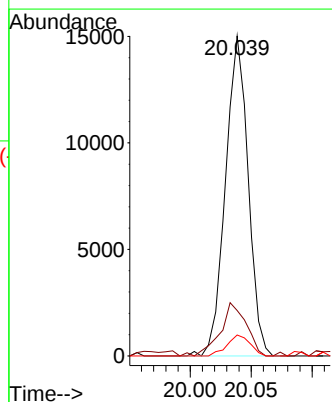
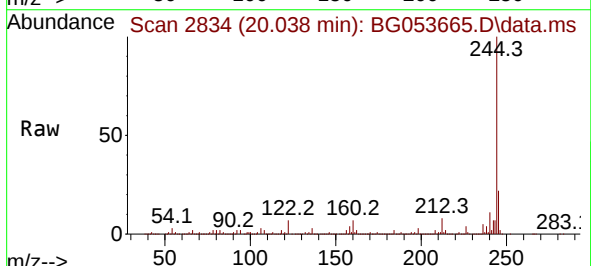
Instrument :
BNA_G
ClientSampleId :
MW-24

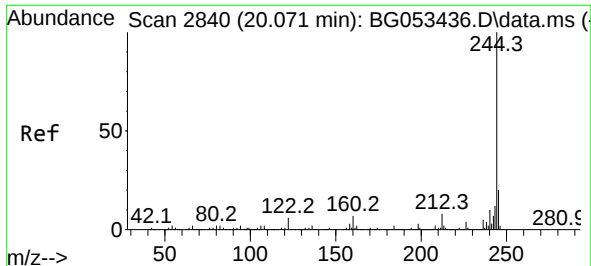
Tgt Ion:240 Resp: 224458
Ion Ratio Lower Upper
240 100
120 6.8 4.6 7.0
236 24.9 20.2 30.4



#77
Benzidine
Concen: 4.022 ng
RT: 20.038 min Scan# 2834
Delta R.T. 0.379 min
Lab File: BG053665.D
Acq: 23 May 2022 15:30

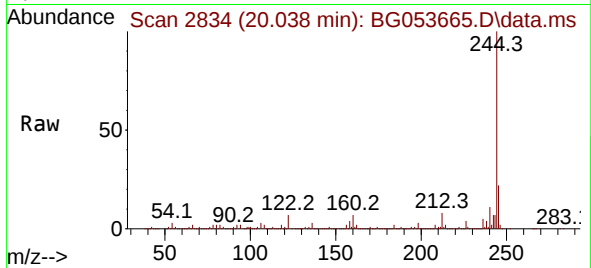
Tgt Ion:184 Resp: 19460
Ion Ratio Lower Upper
184 100
185 14.2 11.8 17.6
183 6.5 8.9 13.3#



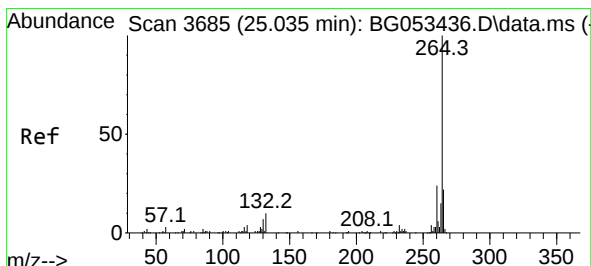
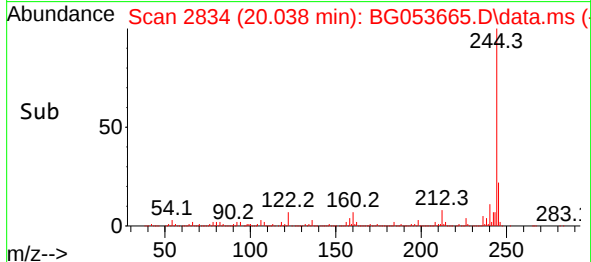
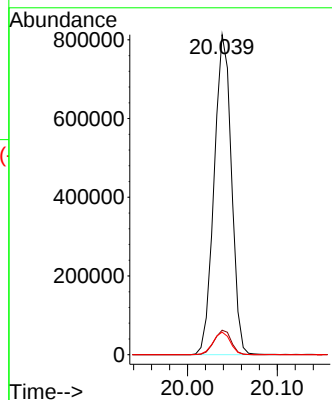


#79
 Terphenyl-d14
 Concen: 90.376 ng
 RT: 20.038 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: BG053665.D
 Acq: 23 May 2022 15:30

Instrument :
 BNA_G
 ClientSampleId :
 MW-24



Tgt Ion:244 Resp: 1089179
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.5 9.7
 122 7.1 5.0 7.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.973 min Scan# 3674
 Delta R.T. -0.009 min
 Lab File: BG053665.D
 Acq: 23 May 2022 15:30

Tgt Ion:264 Resp: 223713
 Ion Ratio Lower Upper
 264 100
 260 22.9 19.0 28.6
 265 22.3 17.4 26.2

