

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101322\
 Data File : BG055161.D
 Acq On : 13 Oct 2022 13:04
 Operator : CG/JU
 Sample : N5105-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-7

Quant Time: Oct 14 01:22:48 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG101322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 13 05:14:13 2022
 Response via : Initial Calibration

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

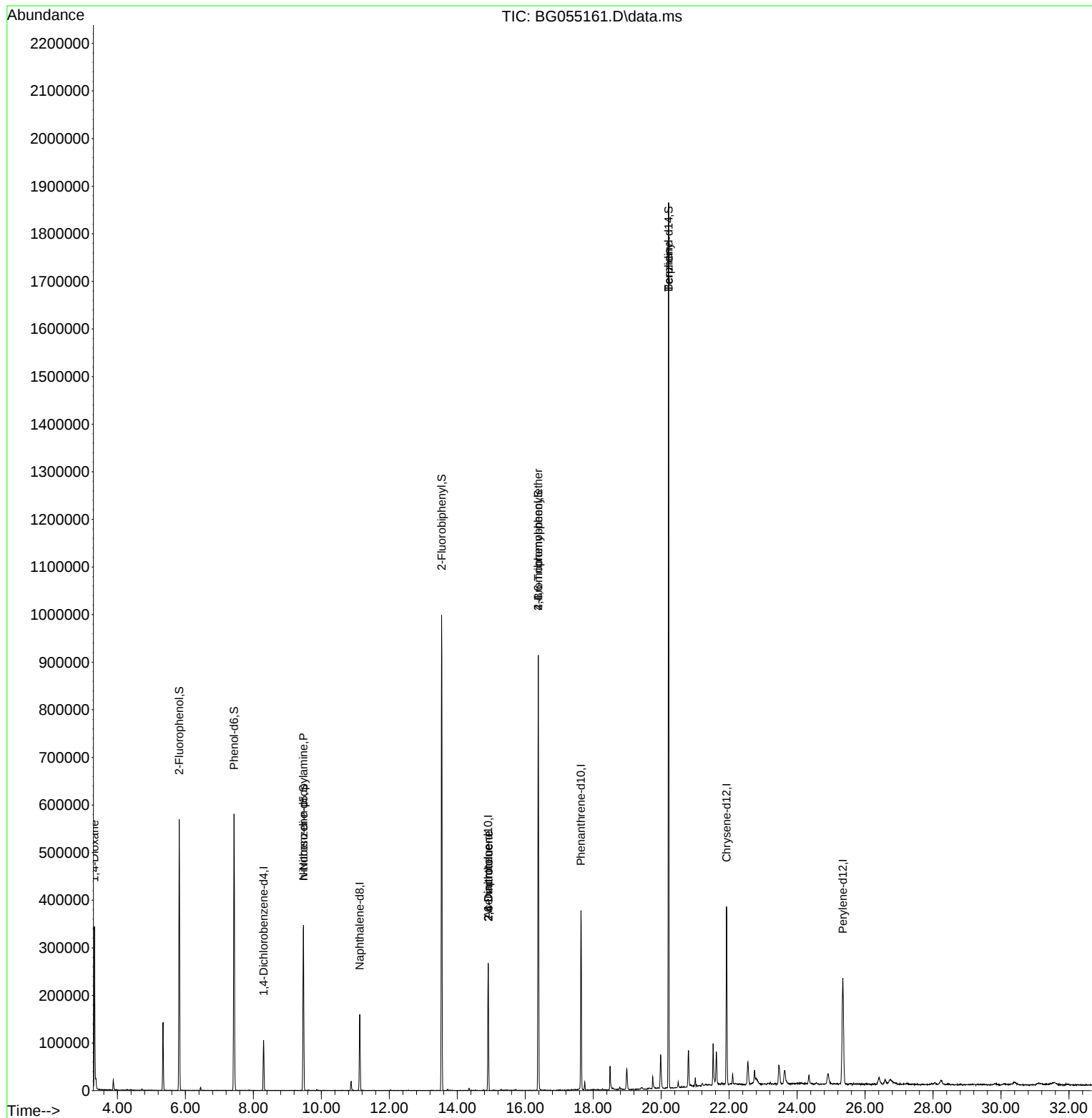
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.299	152	31530	20.000	ng	0.00
21) Naphthalene-d8	11.131	136	135224	20.000	ng	0.00
39) Acenaphthene-d10	14.909	164	99204	20.000	ng	0.00
64) Phenanthrene-d10	17.641	188	240839	20.000	ng	0.00
76) Chrysene-d12	21.924	240	236323	20.000	ng	0.00
86) Perylene-d12	25.349	264	253222	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.819	112	240396	149.169	ng	0.00
7) Phenol-d6	7.429	99	329971	138.413	ng	0.00
23) Nitrobenzene-d5	9.474	82	210580	83.508	ng	0.00
42) 2,4,6-Tribromophenol	16.383	330	188376	132.152	ng	0.00
45) 2-Fluorobiphenyl	13.540	172	517204	85.166	ng	0.00
79) Terphenyl-d14	20.220	244	917994	78.234	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.322	88	2619	3.841	ng	# 1
19) n-Nitroso-di-n-propyla...	9.474	70	29254	15.205	ng	# 78
51) 2,6-Dinitrotoluene	14.914	165	12845	7.828	ng	# 21
57) 2,4-Dinitrotoluene	14.914	165	12845	5.344	ng	# 23
67) 4-Bromophenyl-phenylether	16.383	248	12302	4.686	ng	# 1
77) Benzidine	20.220	184	14014	2.644	ng	# 90

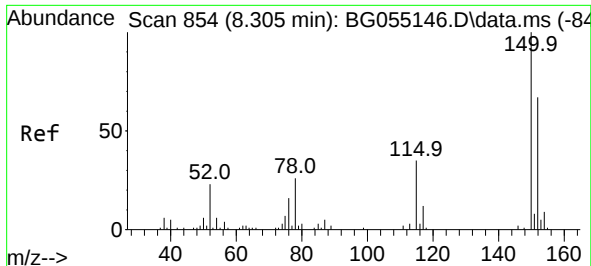
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101322\
Data File : BG055161.D
Acq On : 13 Oct 2022 13:04
Operator : CG/JU
Sample : N5105-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-7

Quant Time: Oct 14 01:22:48 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG101322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 13 05:14:13 2022
Response via : Initial Calibration

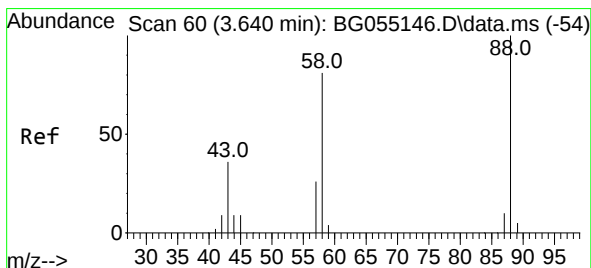
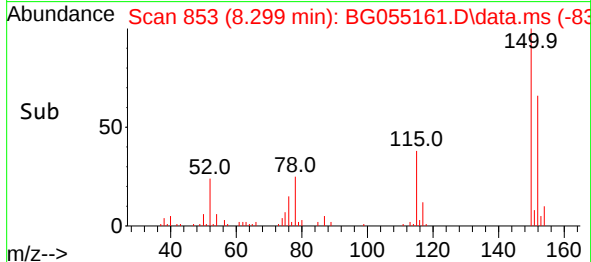
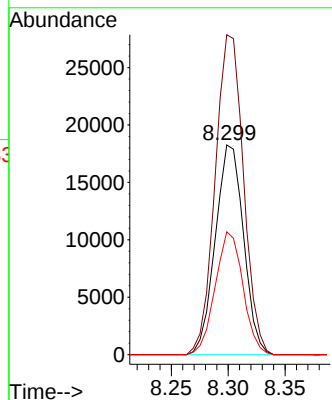
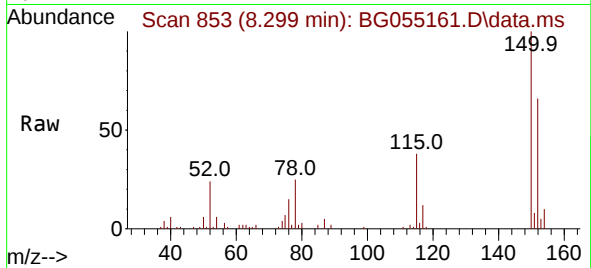




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.299 min Scan# 8
 Delta R.T. -0.006 min
 Lab File: BG055161.D
 Acq: 13 Oct 2022 13:04

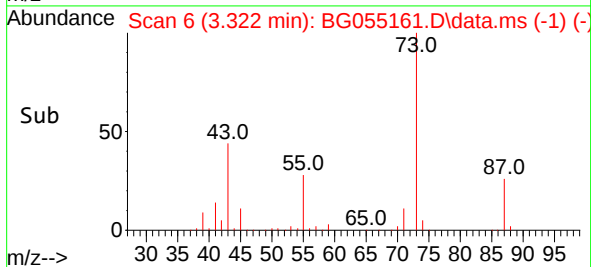
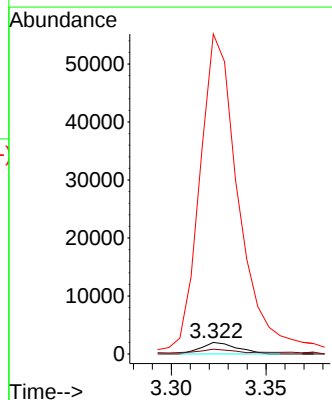
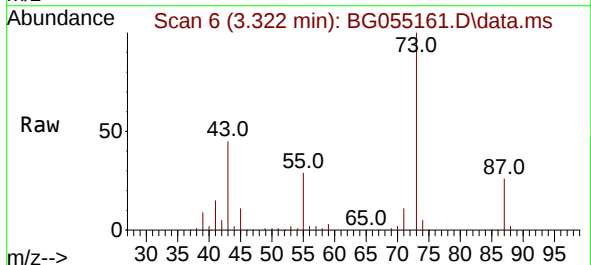
Instrument :
 BNA_G
 ClientSampleId :
 WC-7

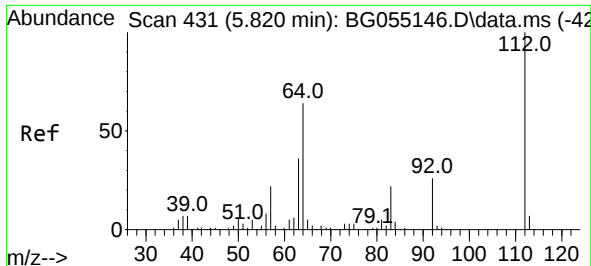
Tgt Ion:152 Resp: 31530
 Ion Ratio Lower Upper
 152 100
 150 152.6 119.7 179.5
 115 58.6 42.4 63.6



#2
 1,4-Dioxane
 Concen: 3.841 ng
 RT: 3.322 min Scan# 6
 Delta R.T. -0.318 min
 Lab File: BG055161.D
 Acq: 13 Oct 2022 13:04

Tgt Ion: 88 Resp: 2619
 Ion Ratio Lower Upper
 88 100
 58 24.4 61.0 91.4#
 43 2936.6 26.5 39.7#

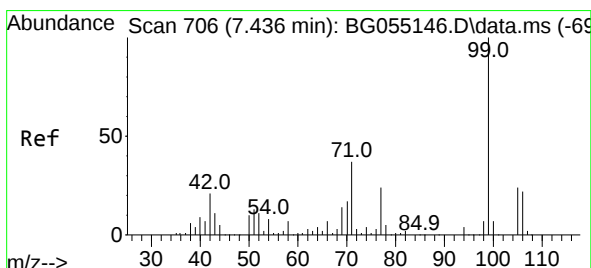
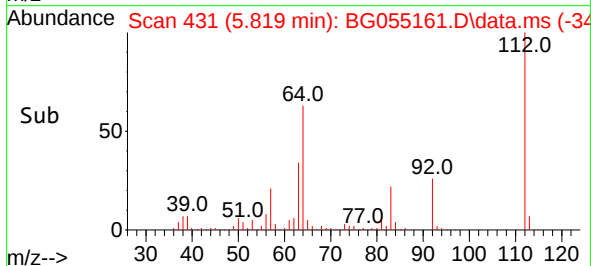
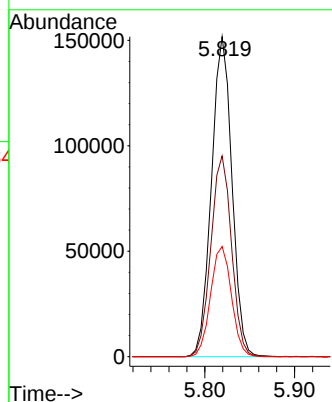
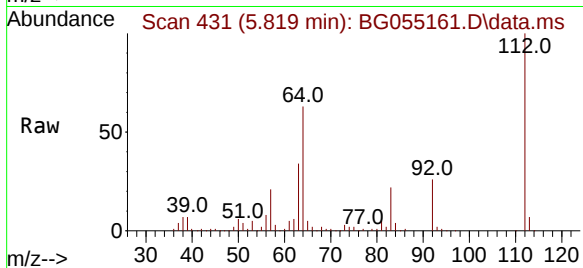




#5
2-Fluorophenol
Concen: 149.169 ng
RT: 5.819 min Scan# 41
Delta R.T. -0.001 min
Lab File: BG055161.D
Acq: 13 Oct 2022 13:04

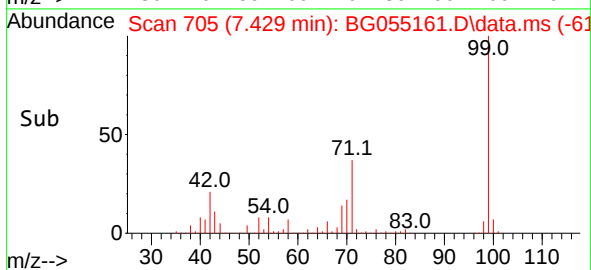
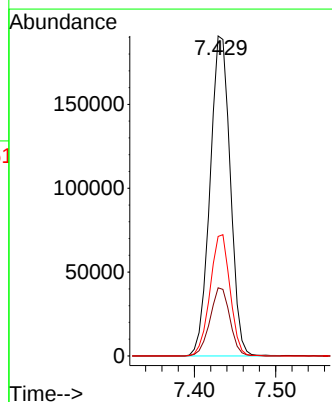
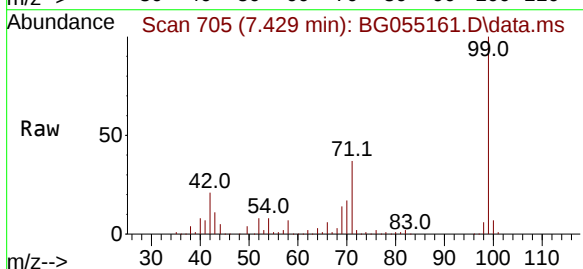
Instrument :
BNA_G
ClientSampleId :
WC-7

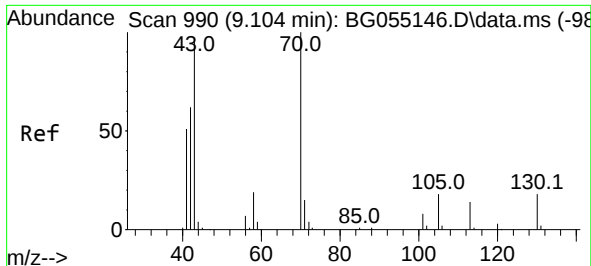
Tgt Ion:112 Resp: 240396
Ion Ratio Lower Upper
112 100
64 62.7 50.9 76.3
63 34.5 29.0 43.6



#7
Phenol-d6
Concen: 138.413 ng
RT: 7.429 min Scan# 705
Delta R.T. -0.007 min
Lab File: BG055161.D
Acq: 13 Oct 2022 13:04

Tgt Ion: 99 Resp: 329971
Ion Ratio Lower Upper
99 100
42 21.3 16.6 25.0
71 37.3 29.6 44.4

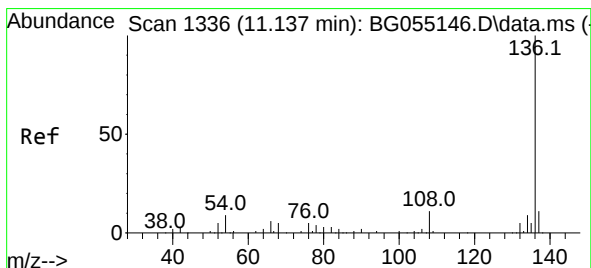
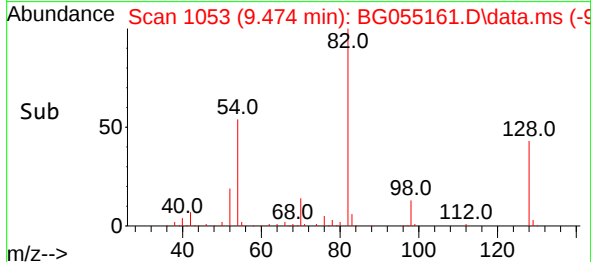
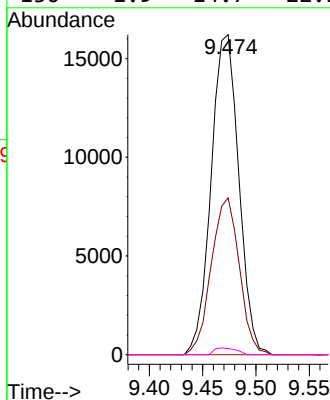
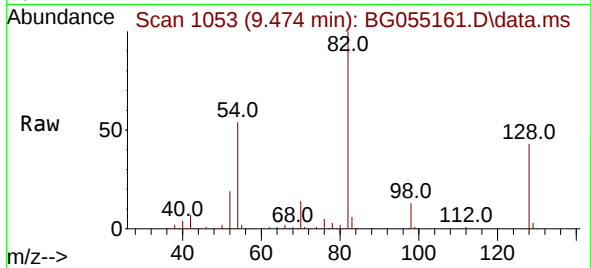




#19
n-Nitroso-di-n-propylamine
Concen: 15.205 ng
RT: 9.474 min Scan# 1053
Delta R.T. 0.369 min
Lab File: BG055161.D
Acq: 13 Oct 2022 13:04

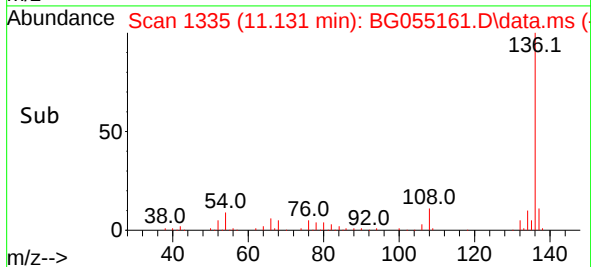
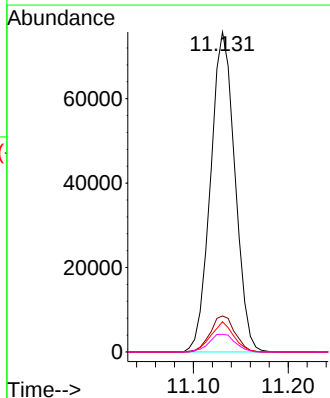
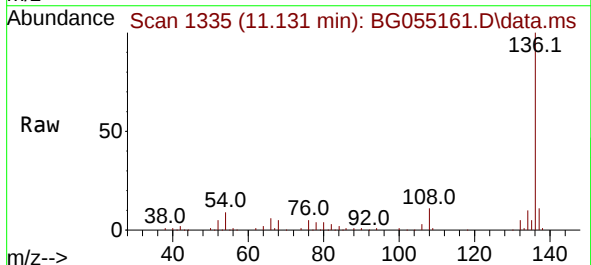
Instrument :
BNA_G
ClientSampleId :
WC-7

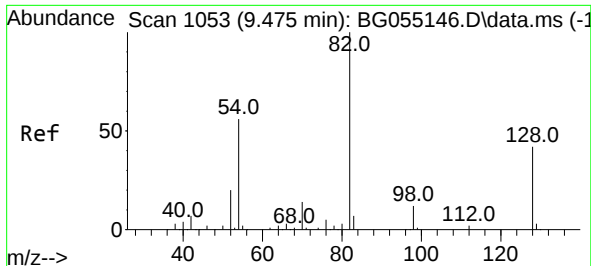
Tgt Ion: 70 Resp: 29254
Ion Ratio Lower Upper
70 100
42 49.0 50.1 75.1#
101 0.0 6.6 10.0#
130 1.9 14.7 22.1#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.131 min Scan# 1335
Delta R.T. -0.006 min
Lab File: BG055161.D
Acq: 13 Oct 2022 13:04

Tgt Ion: 136 Resp: 135224
Ion Ratio Lower Upper
136 100
137 11.3 9.1 13.7
54 9.5 7.0 10.6
68 5.5 4.3 6.5

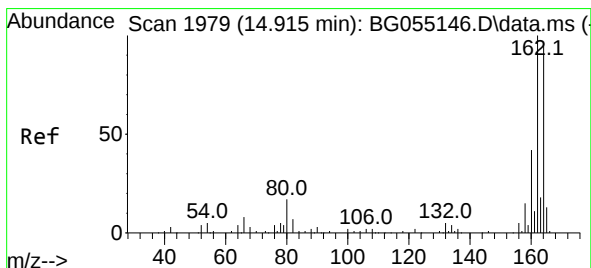
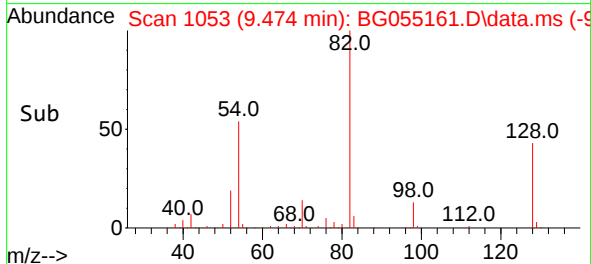
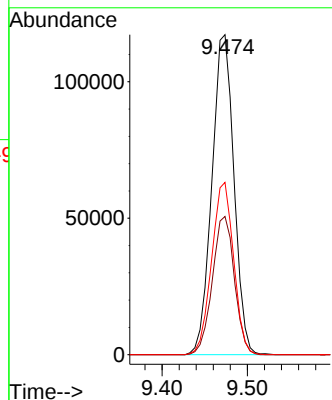
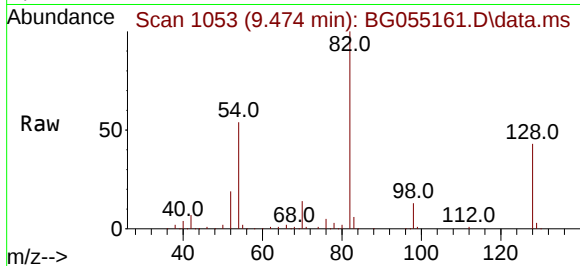




#23
 Nitrobenzene-d5
 Concen: 83.508 ng
 RT: 9.474 min Scan# 1053
 Delta R.T. -0.001 min
 Lab File: BG055161.D
 Acq: 13 Oct 2022 13:04

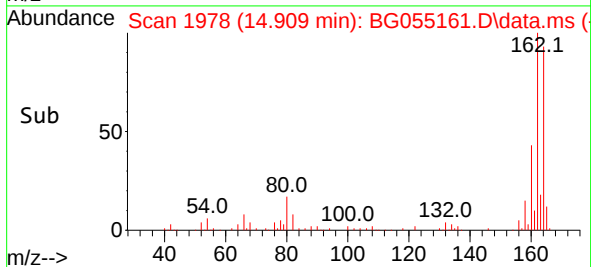
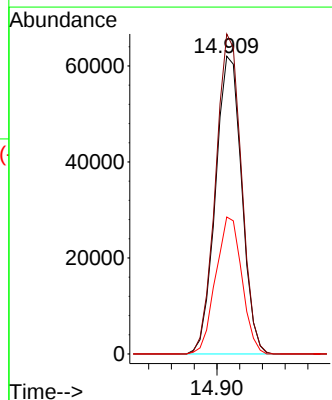
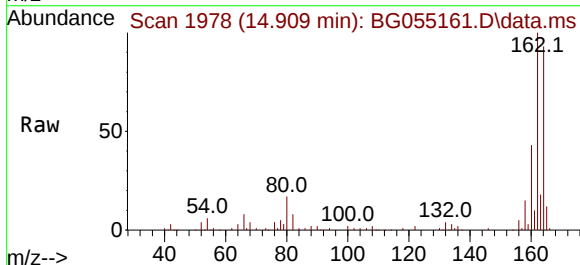
Instrument :
 BNA_G
 ClientSampleId :
 WC-7

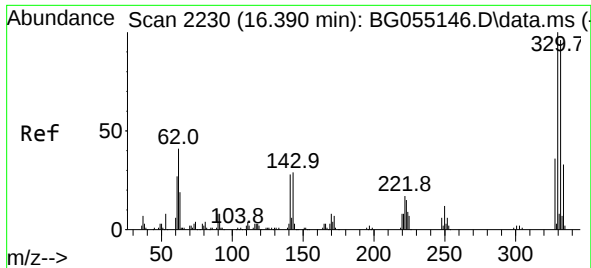
Tgt Ion: 82 Resp: 210580
 Ion Ratio Lower Upper
 82 100
 128 43.2 33.5 50.3
 54 53.8 44.7 67.1



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.909 min Scan# 1978
 Delta R.T. -0.007 min
 Lab File: BG055161.D
 Acq: 13 Oct 2022 13:04

Tgt Ion: 164 Resp: 99204
 Ion Ratio Lower Upper
 164 100
 162 107.5 83.3 124.9
 160 46.0 35.3 52.9

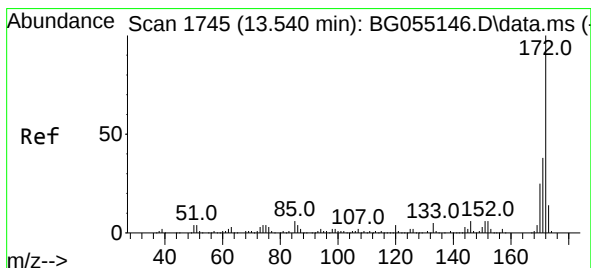
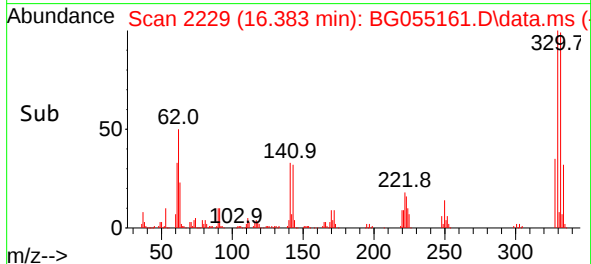
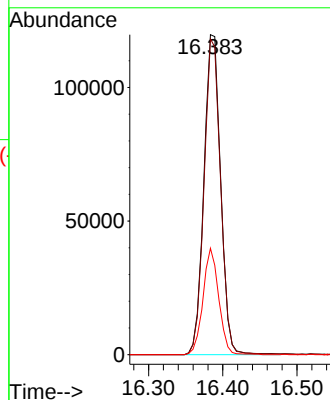
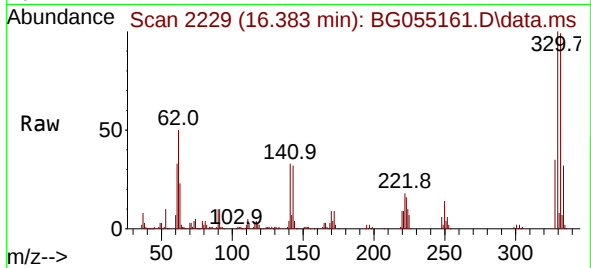




#42
2,4,6-Tribromophenol
Concen: 132.152 ng
RT: 16.383 min Scan# 21
Delta R.T. -0.007 min
Lab File: BG055161.D
Acq: 13 Oct 2022 13:04

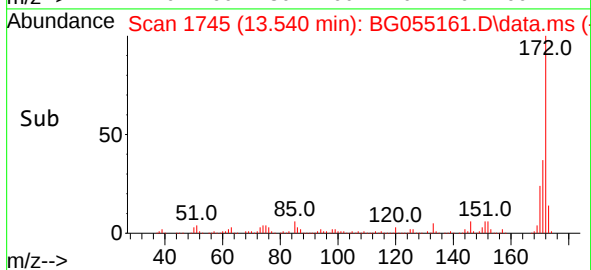
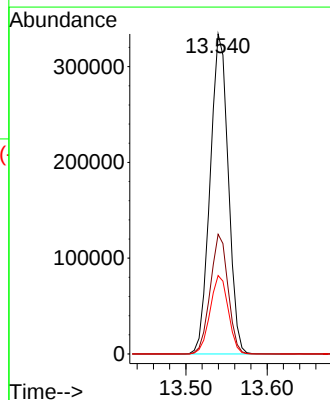
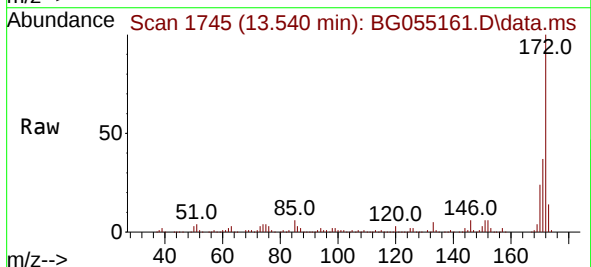
Instrument :
BNA_G
ClientSampleId :
WC-7

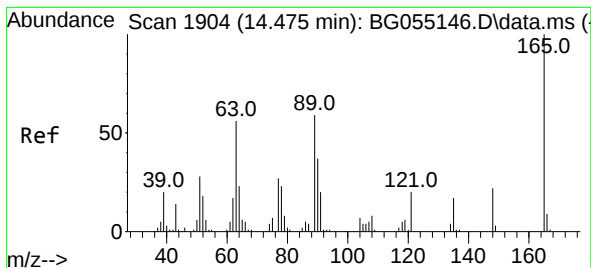
Tgt Ion:330 Resp: 188376
Ion Ratio Lower Upper
330 100
332 97.5 77.0 115.4
141 31.2 24.6 36.8



#45
2-Fluorobiphenyl
Concen: 85.166 ng
RT: 13.540 min Scan# 1745
Delta R.T. -0.001 min
Lab File: BG055161.D
Acq: 13 Oct 2022 13:04

Tgt Ion:172 Resp: 517204
Ion Ratio Lower Upper
172 100
171 37.4 30.1 45.1
170 24.5 19.8 29.6

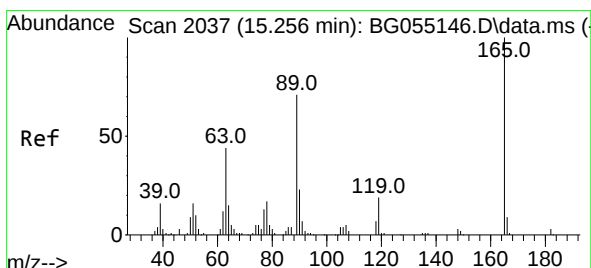
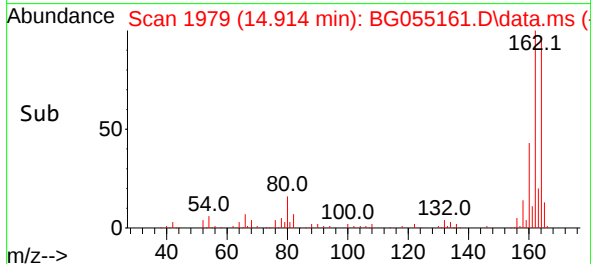
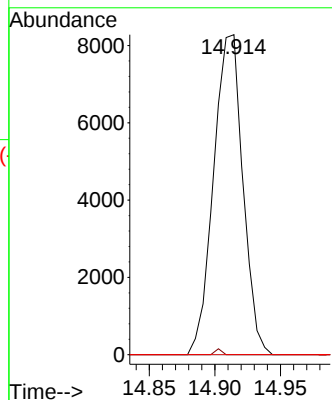
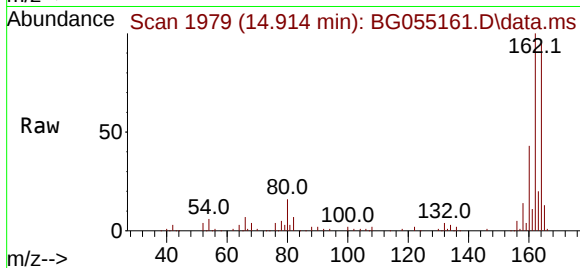




#51
2,6-Dinitrotoluene
Concen: 7.828 ng
RT: 14.914 min Scan# 1979
Delta R.T. 0.440 min
Lab File: BG055161.D
Acq: 13 Oct 2022 13:04

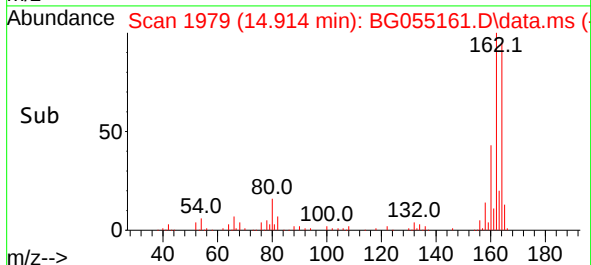
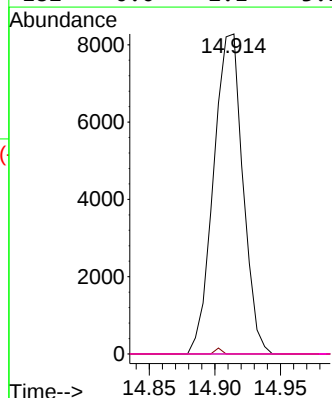
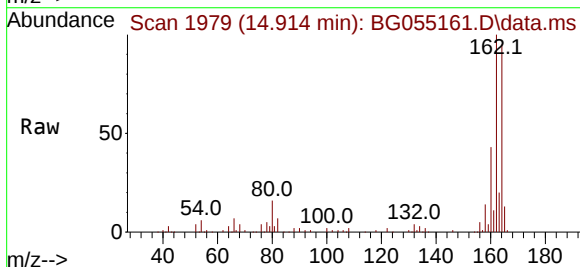
Instrument :
BNA_G
ClientSampleId :
WC-7

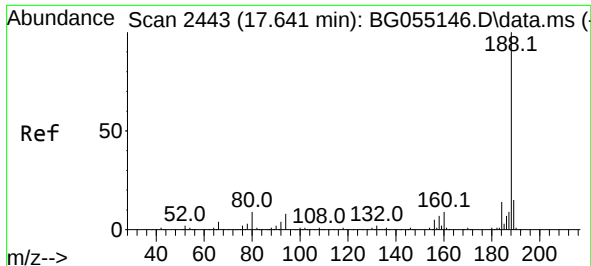
Tgt Ion:165 Resp: 12845
Ion Ratio Lower Upper
165 100
63 0.0 46.6 70.0#
89 0.0 47.6 71.4#



#57
2,4-Dinitrotoluene
Concen: 5.344 ng
RT: 14.914 min Scan# 1979
Delta R.T. -0.342 min
Lab File: BG055161.D
Acq: 13 Oct 2022 13:04

Tgt Ion:165 Resp: 12845
Ion Ratio Lower Upper
165 100
63 0.0 35.6 53.4#
89 0.0 56.4 84.6#
182 0.0 2.1 3.1#

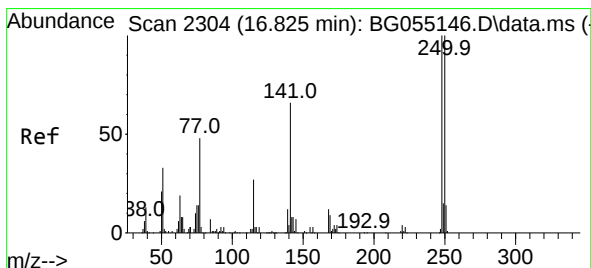
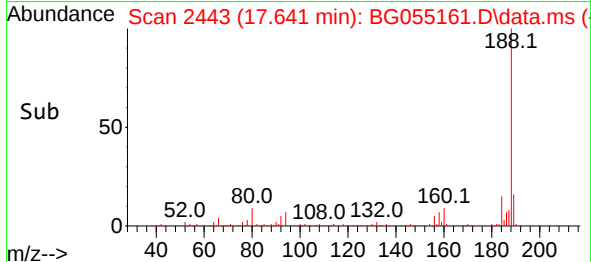
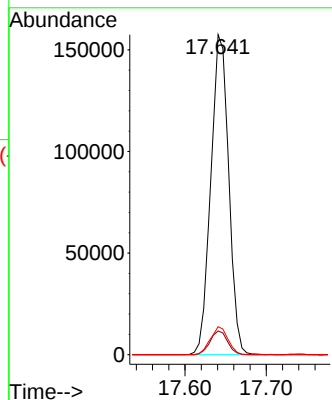
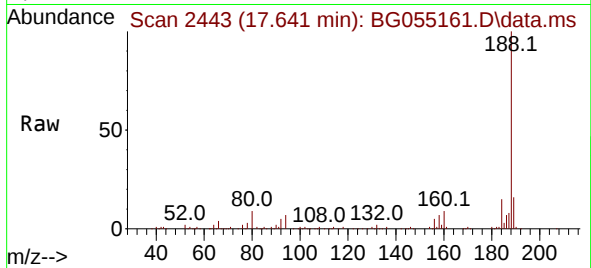




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.641 min Scan# 2443
Delta R.T. -0.001 min
Lab File: BG055161.D
Acq: 13 Oct 2022 13:04

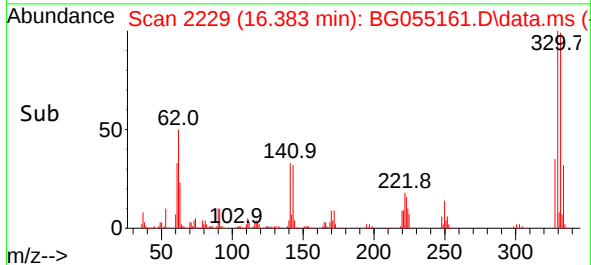
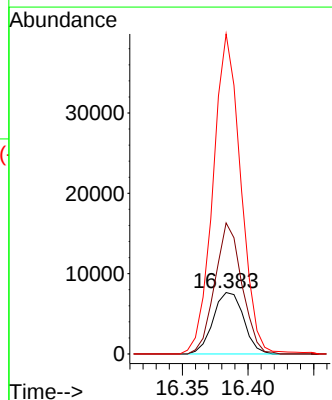
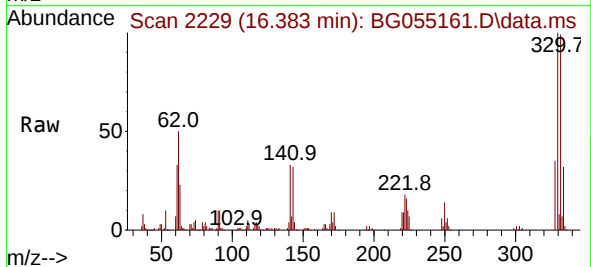
Instrument :
BNA_G
ClientSampleId :
WC-7

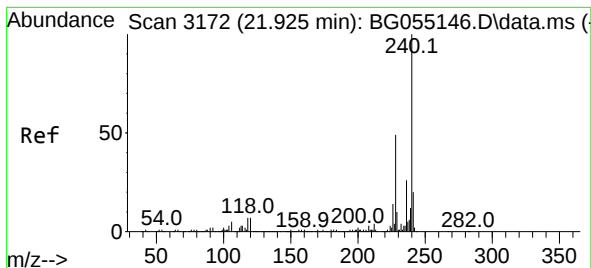
Tgt Ion:188 Resp: 240839
Ion Ratio Lower Upper
188 100
94 7.4 6.2 9.2
80 8.8 7.0 10.6



#67
4-Bromophenyl-phenylether
Concen: 4.686 ng
RT: 16.383 min Scan# 2229
Delta R.T. -0.441 min
Lab File: BG055161.D
Acq: 13 Oct 2022 13:04

Tgt Ion:248 Resp: 12302
Ion Ratio Lower Upper
248 100
250 213.3 80.1 120.1#
141 521.0 53.1 79.7#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.924 min Scan# 31

Delta R.T. -0.001 min

Lab File: BG055161.D

Acq: 13 Oct 2022 13:04

Instrument :

BNA_G

ClientSampleId :

WC-7

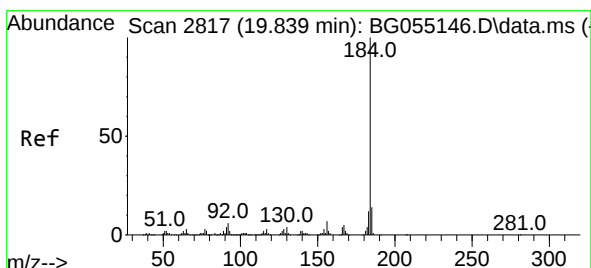
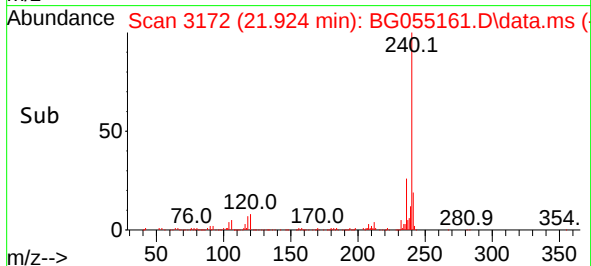
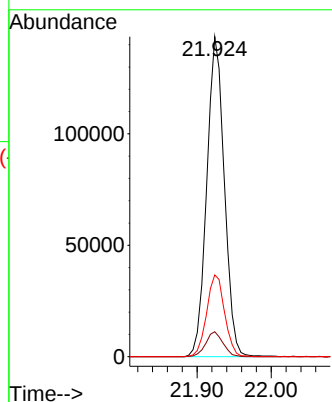
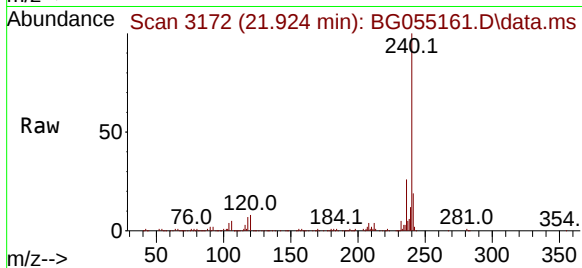
Tgt Ion:240 Resp: 236323

Ion Ratio Lower Upper

240 100

120 7.8 5.4 8.0

236 25.6 20.6 31.0



#77

Benzidine

Concen: 2.644 ng

RT: 20.220 min Scan# 2882

Delta R.T. 0.381 min

Lab File: BG055161.D

Acq: 13 Oct 2022 13:04

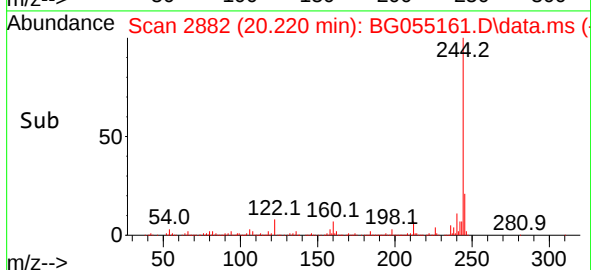
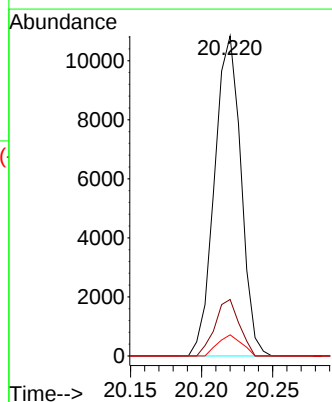
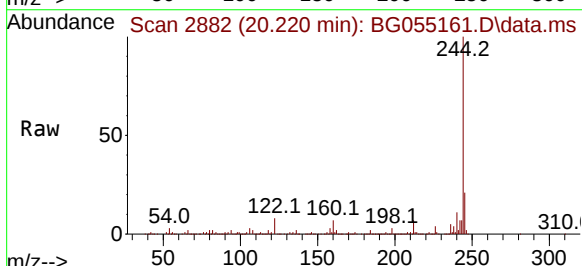
Tgt Ion:184 Resp: 14014

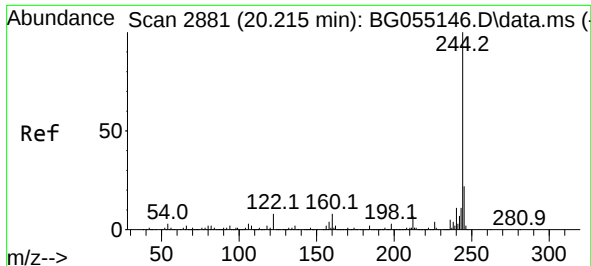
Ion Ratio Lower Upper

184 100

185 17.7 11.5 17.3#

183 6.6 9.4 14.2#

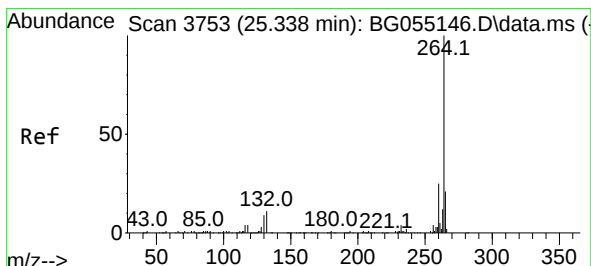
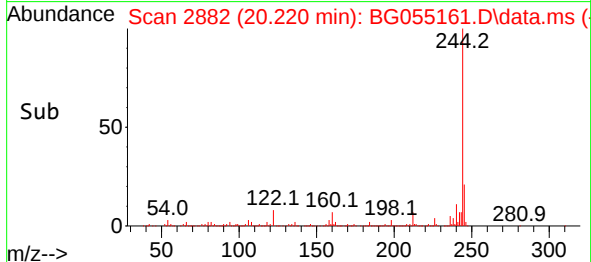
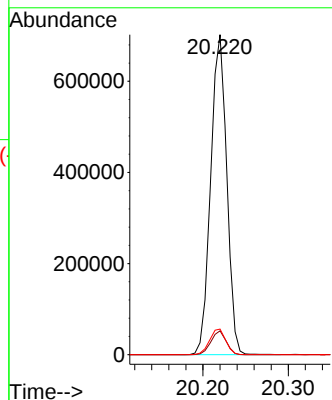
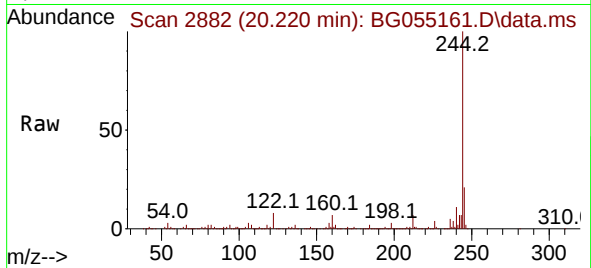




#79
 Terphenyl-d14
 Concen: 78.234 ng
 RT: 20.220 min Scan# 21
 Delta R.T. 0.005 min
 Lab File: BG055161.D
 Acq: 13 Oct 2022 13:04

Instrument :
 BNA_G
 ClientSampleId :
 WC-7

Tgt Ion:244 Resp: 917994
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.9 8.9
 122 8.0 6.6 10.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.349 min Scan# 3755
 Delta R.T. 0.011 min
 Lab File: BG055161.D
 Acq: 13 Oct 2022 13:04

Tgt Ion:264 Resp: 253222
 Ion Ratio Lower Upper
 264 100
 260 24.3 20.1 30.1
 265 21.5 16.8 25.2

