

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG021022\
 Data File : BG052361.D
 Acq On : 10 Feb 2022 19:35
 Operator : CG/JU
 Sample : N1382-04
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WASTE-BUILDING

Quant Time: Feb 11 02:07:26 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG020722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 08 01:21:20 2022
 Response via : Initial Calibration

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

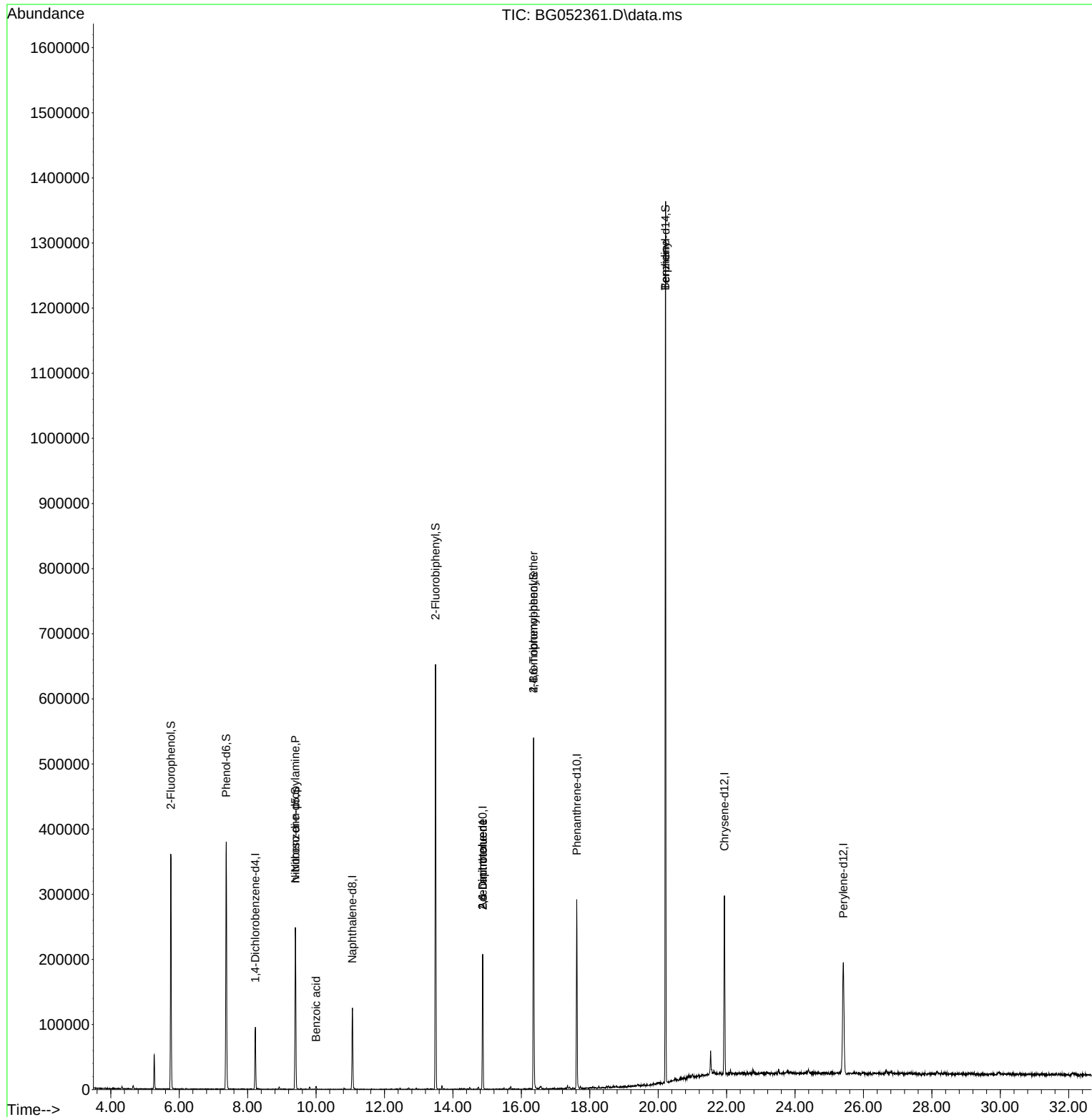
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.228	152	26260	20.000	ng	0.00
21) Naphthalene-d8	11.065	136	108111	20.000	ng	# 0.00
39) Acenaphthene-d10	14.872	164	74992	20.000	ng	0.00
64) Phenanthrene-d10	17.621	188	186848	20.000	ng	0.00
76) Chrysene-d12	21.939	240	192753	20.000	ng	0.00
86) Perylene-d12	25.411	264	195082	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.755	112	153789	102.069	ng	0.00
7) Phenol-d6	7.376	99	220233	94.733	ng	0.00
23) Nitrobenzene-d5	9.397	82	156313	62.839	ng	0.00
42) 2,4,6-Tribromophenol	16.358	330	104834	97.305	ng	0.00
45) 2-Fluorobiphenyl	13.491	172	356342	66.027	ng	0.00
79) Terphenyl-d14	20.218	244	703301	64.431	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	7.370	77	324	Below Cal	#	8
19) n-Nitroso-di-n-propyla...	9.397	70	21498	12.266	ng	# 75
32) Benzoic acid	10.002	122	218	6.176	ng	# 1
51) 2,6-Dinitrotoluene	14.872	165	9878	7.968	ng	# 16
57) 2,4-Dinitrotoluene	14.872	165	9878	5.598	ng	# 15
67) 4-Bromophenyl-phenylether	16.358	248	6510	2.865	ng	# 1
77) Benzidine	20.212	184	10194	2.475	ng	# 92

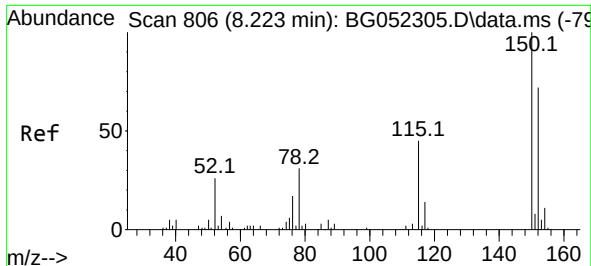
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG021022\
Data File : BG052361.D
Acq On : 10 Feb 2022 19:35
Operator : CG/JU
Sample : N1382-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WASTE-BUILDING

Quant Time: Feb 11 02:07:26 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 08 01:21:20 2022
Response via : Initial Calibration

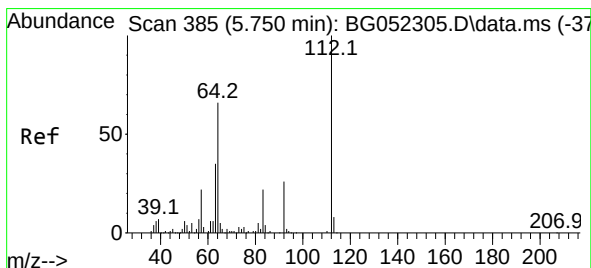
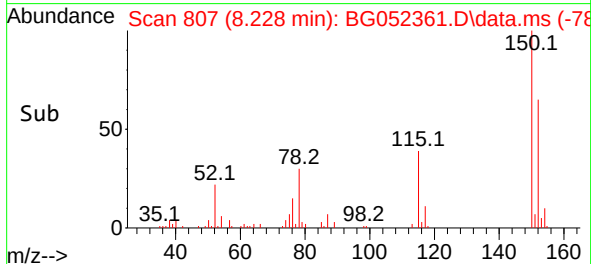
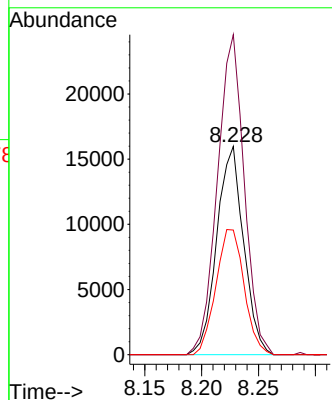
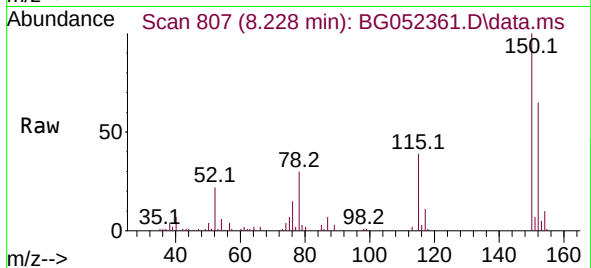




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.228 min Scan# 806
Delta R.T. 0.005 min
Lab File: BG052361.D
Acq: 10 Feb 2022 19:35

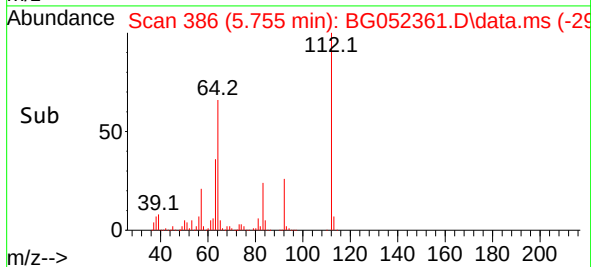
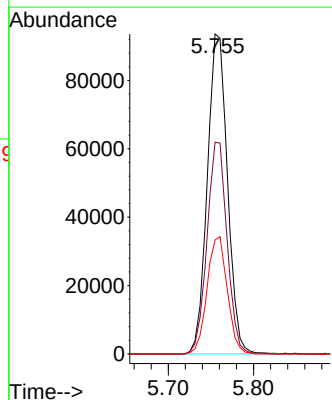
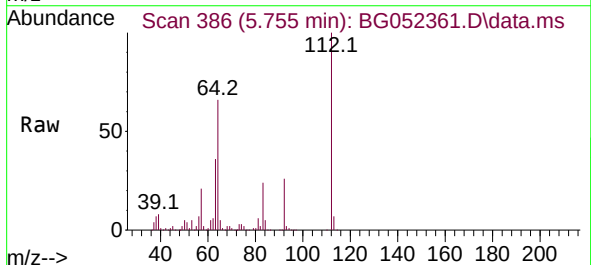
Instrument :
BNA_G
ClientSampleId :
WASTE-BUILDING

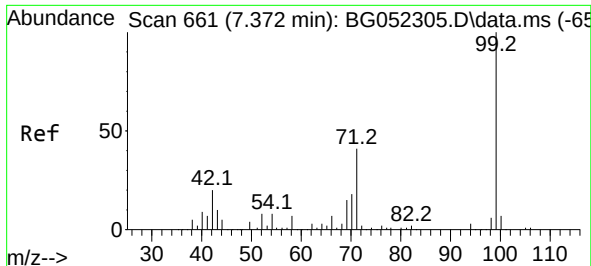
Tgt Ion:152 Resp: 26260
Ion Ratio Lower Upper
152 100
150 153.6 117.8 176.8
115 59.8 50.2 75.2



#5
2-Fluorophenol
Concen: 102.069 ng
RT: 5.755 min Scan# 386
Delta R.T. 0.005 min
Lab File: BG052361.D
Acq: 10 Feb 2022 19:35

Tgt Ion:112 Resp: 153789
Ion Ratio Lower Upper
112 100
64 66.1 60.4 90.6
63 35.6 33.3 49.9

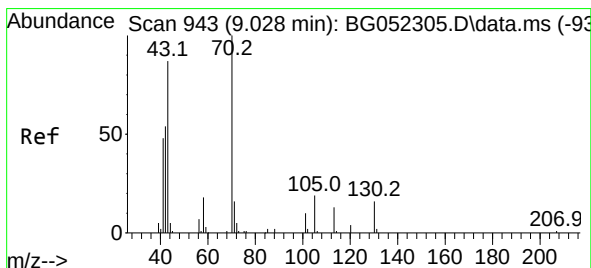
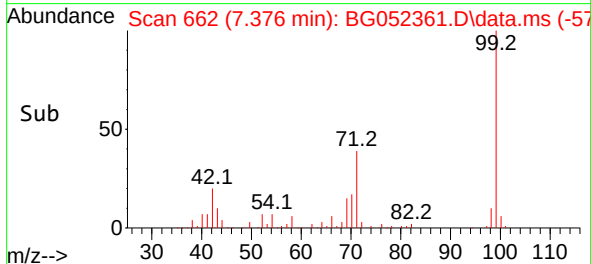
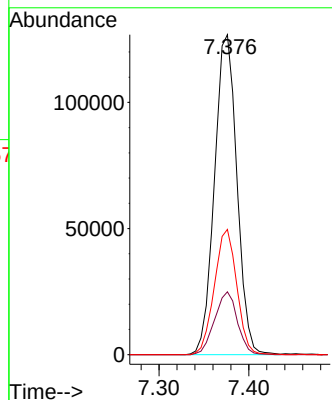
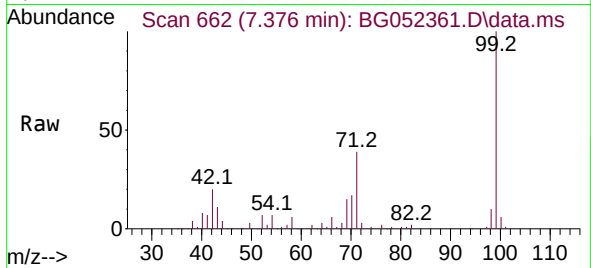




#7
Phenol-d6
Concen: 94.733 ng
RT: 7.376 min Scan# 61
Delta R.T. 0.005 min
Lab File: BG052361.D
Acq: 10 Feb 2022 19:35

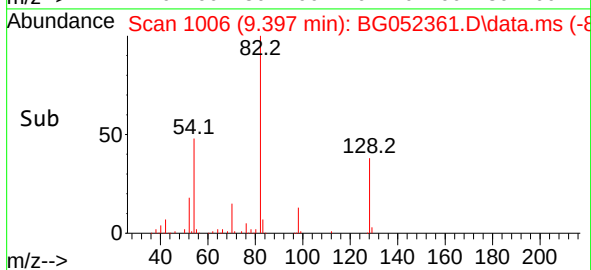
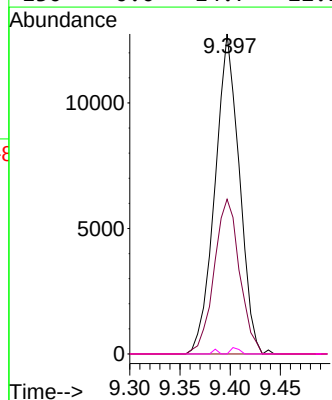
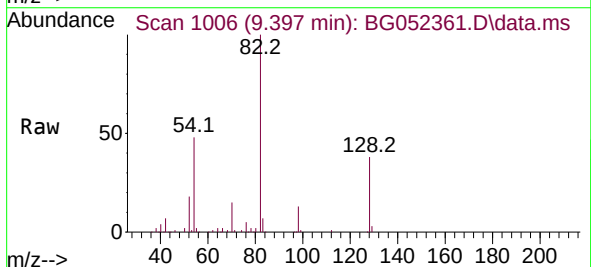
Instrument :
BNA_G
ClientSampleId :
WASTE-BUILDING

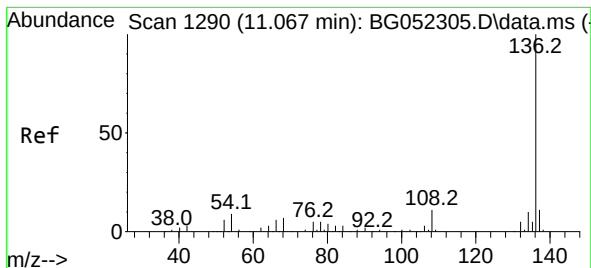
Tgt Ion: 99 Resp: 220233
Ion Ratio Lower Upper
99 100
42 19.7 19.1 28.7
71 39.2 33.4 50.2



#19
n-Nitroso-di-n-propylamine
Concen: 12.266 ng
RT: 9.397 min Scan# 1006
Delta R.T. 0.369 min
Lab File: BG052361.D
Acq: 10 Feb 2022 19:35

Tgt Ion: 70 Resp: 21498
Ion Ratio Lower Upper
70 100
42 48.3 51.8 77.6#
101 0.0 6.6 10.0#
130 0.0 14.7 22.1#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.065 min Scan# 11

Delta R.T. -0.002 min

Lab File: BG052361.D

Acq: 10 Feb 2022 19:35

Instrument :

BNA_G

ClientSampleId :

WASTE-BUILDING

Tgt Ion:136 Resp: 108111

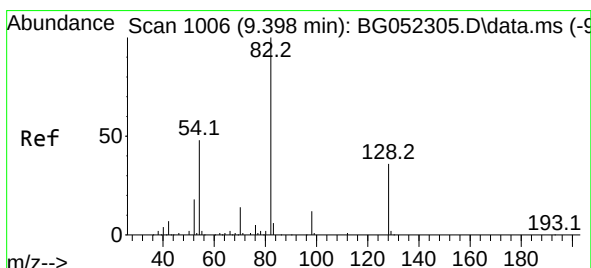
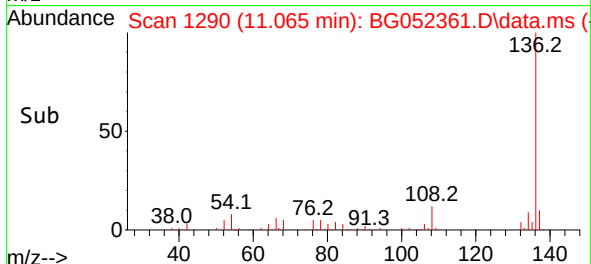
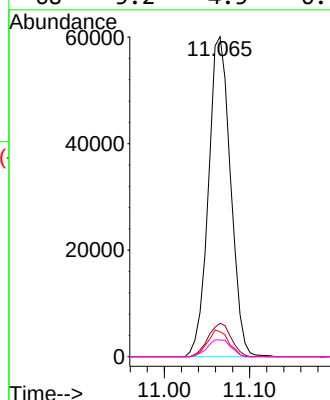
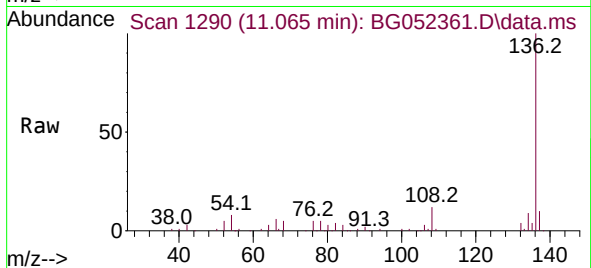
Ion Ratio Lower Upper

136 100

137 10.4 9.1 13.7

54 7.8 8.3 12.5#

68 5.2 4.5 6.7



#23

Nitrobenzene-d5

Concen: 62.839 ng

RT: 9.397 min Scan# 1006

Delta R.T. -0.001 min

Lab File: BG052361.D

Acq: 10 Feb 2022 19:35

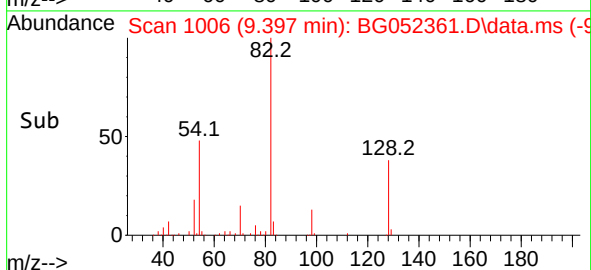
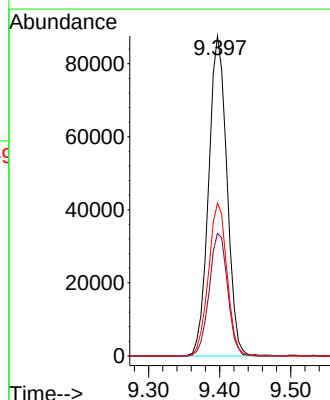
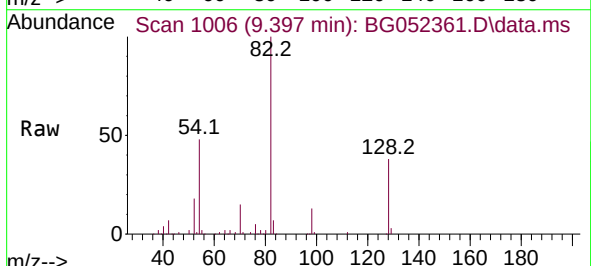
Tgt Ion: 82 Resp: 156313

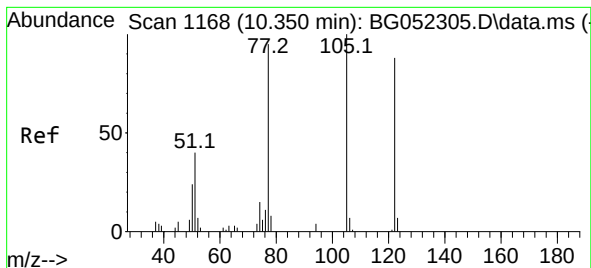
Ion Ratio Lower Upper

82 100

128 38.3 27.0 40.4

54 47.7 41.0 61.6





#32

Benzoic acid

Concen: 6.176 ng

RT: 10.002 min Scan# 1168

Delta R.T. -0.348 min

Lab File: BG052361.D

Acq: 10 Feb 2022 19:35

Instrument :

BNA_G

ClientSampleId :

WASTE-BUILDING

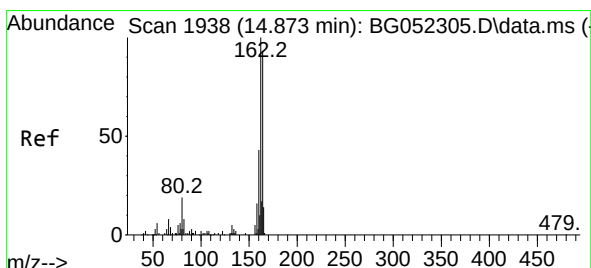
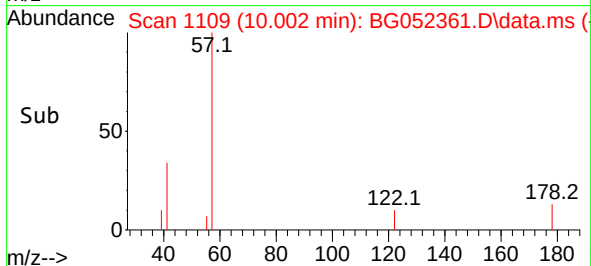
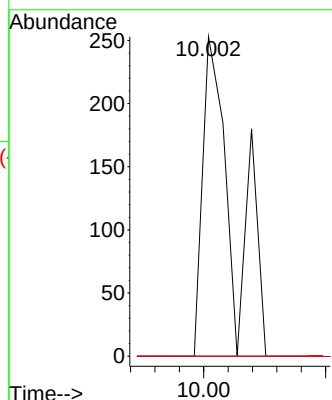
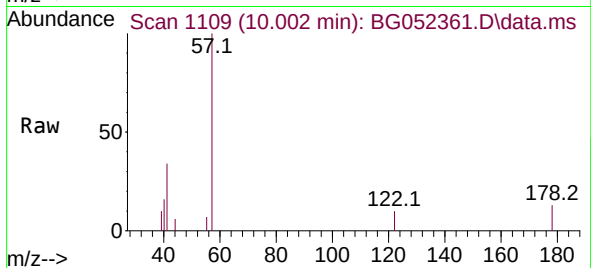
Tgt Ion:122 Resp: 218

Ion Ratio Lower Upper

122 100

105 0.0 109.2 149.2#

77 0.0 92.8 132.8#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.872 min Scan# 1938

Delta R.T. -0.001 min

Lab File: BG052361.D

Acq: 10 Feb 2022 19:35

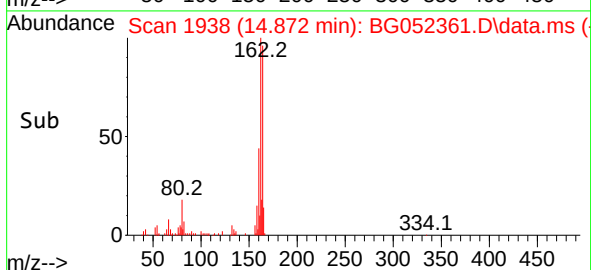
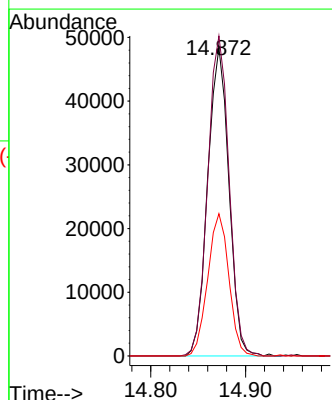
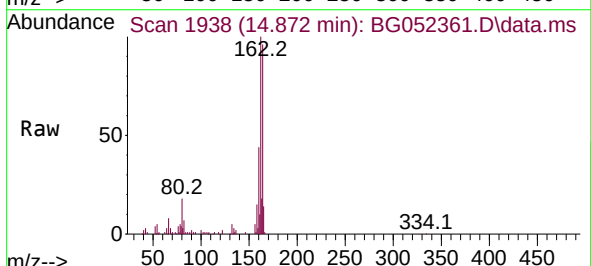
Tgt Ion:164 Resp: 74992

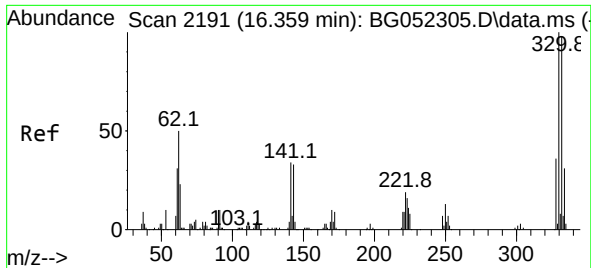
Ion Ratio Lower Upper

164 100

162 103.7 82.2 123.2

160 46.1 36.2 54.2

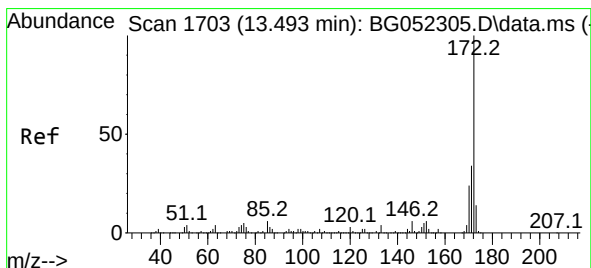
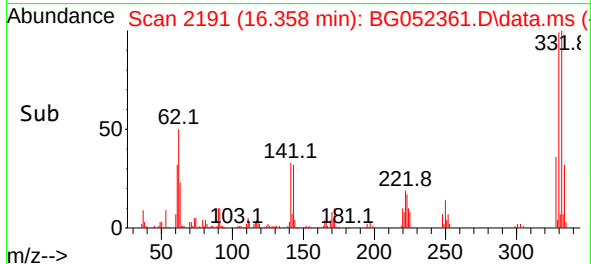
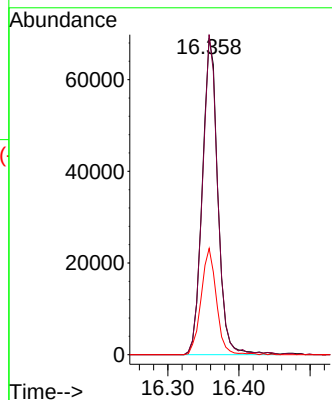
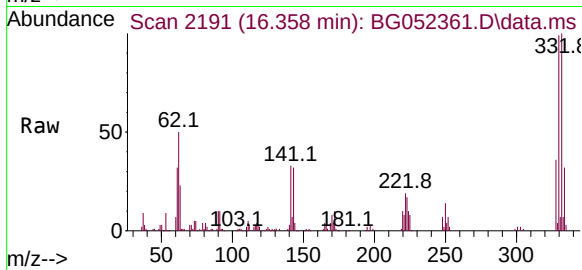




#42
2,4,6-Tribromophenol
Concen: 97.305 ng
RT: 16.358 min Scan# 2191
Delta R.T. -0.001 min
Lab File: BG052361.D
Acq: 10 Feb 2022 19:35

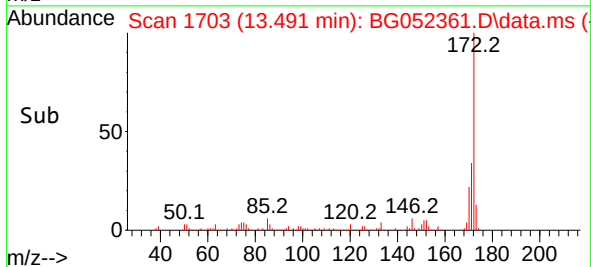
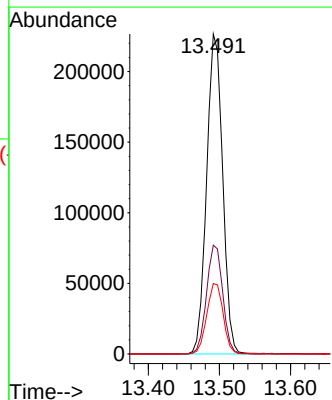
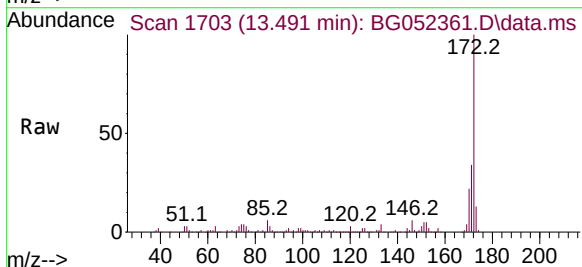
Instrument :
BNA_G
ClientSampleId :
WASTE-BUILDING

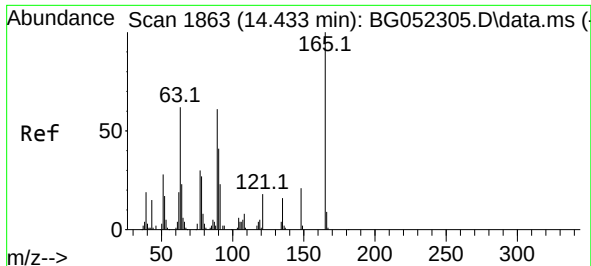
Tgt Ion:330 Resp: 104834
Ion Ratio Lower Upper
330 100
332 99.3 78.6 117.8
141 33.1 28.8 43.2



#45
2-Fluorobiphenyl
Concen: 66.027 ng
RT: 13.491 min Scan# 1703
Delta R.T. -0.001 min
Lab File: BG052361.D
Acq: 10 Feb 2022 19:35

Tgt Ion:172 Resp: 356342
Ion Ratio Lower Upper
172 100
171 34.0 28.3 42.5
170 22.0 18.3 27.5

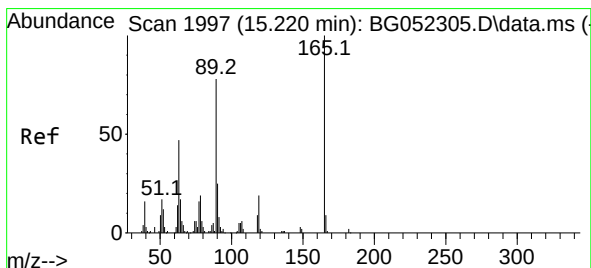
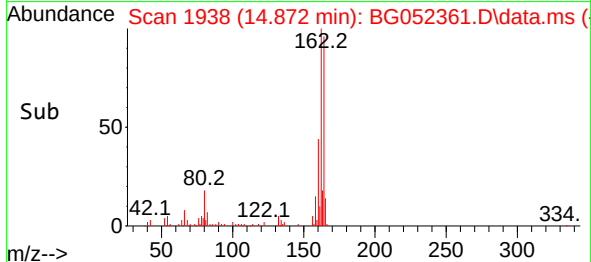
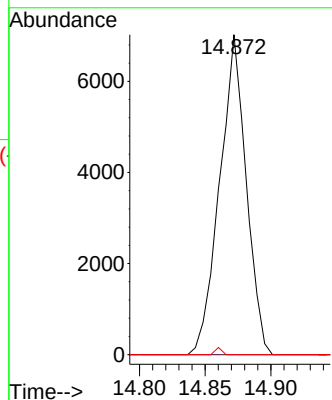
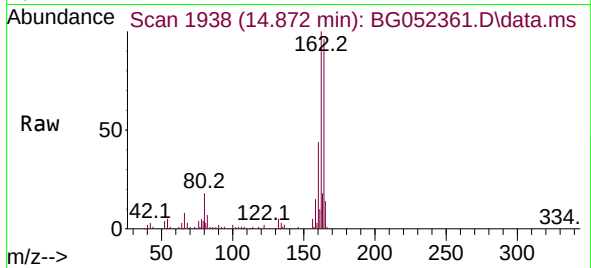




#51
2,6-Dinitrotoluene
Concen: 7.968 ng
RT: 14.872 min Scan# 1938
Delta R.T. 0.439 min
Lab File: BG052361.D
Acq: 10 Feb 2022 19:35

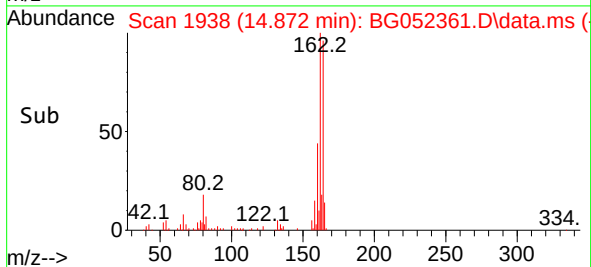
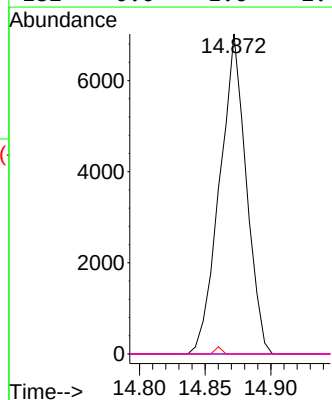
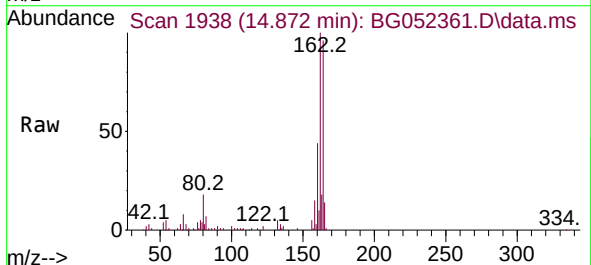
Instrument :
BNA_G
ClientSampleId :
WASTE-BUILDING

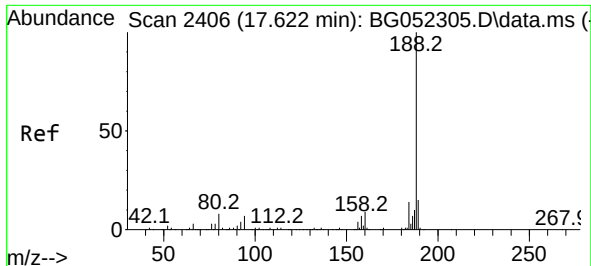
Tgt Ion:165 Resp: 9878
Ion Ratio Lower Upper
165 100
63 0.0 59.0 88.4#
89 0.0 49.4 74.0#



#57
2,4-Dinitrotoluene
Concen: 5.598 ng
RT: 14.872 min Scan# 1938
Delta R.T. -0.348 min
Lab File: BG052361.D
Acq: 10 Feb 2022 19:35

Tgt Ion:165 Resp: 9878
Ion Ratio Lower Upper
165 100
63 0.0 44.6 66.8#
89 0.0 67.4 101.0#
182 0.0 1.6 2.4#

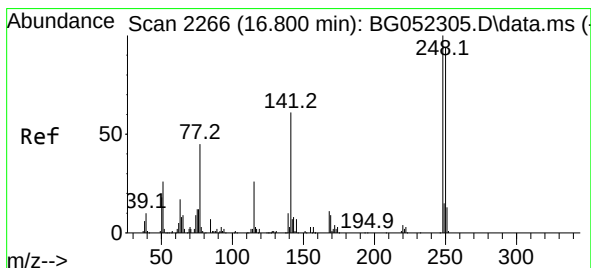
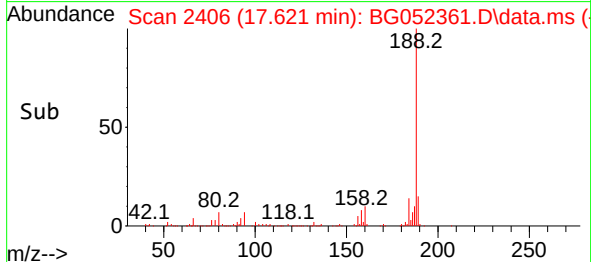
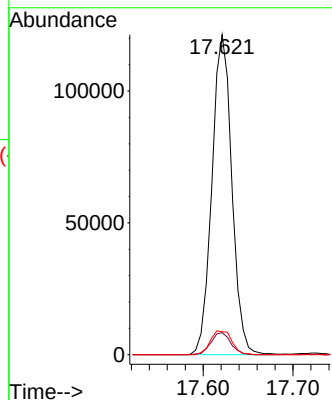
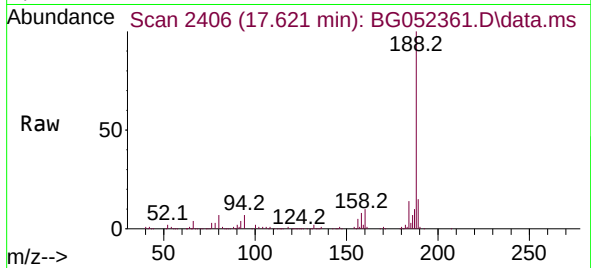




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.621 min Scan# 2406
Delta R.T. -0.001 min
Lab File: BG052361.D
Acq: 10 Feb 2022 19:35

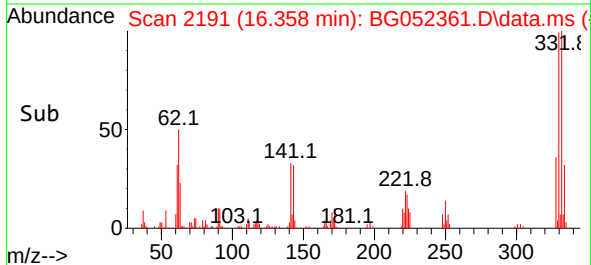
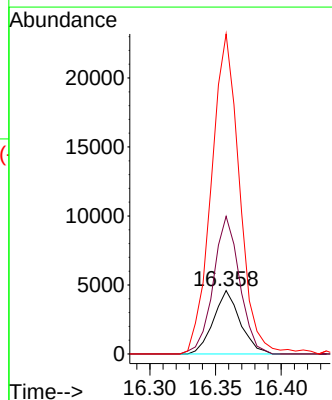
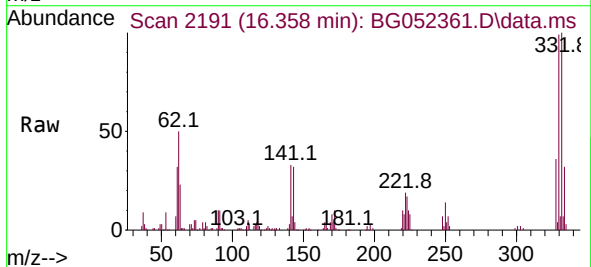
Instrument :
BNA_G
ClientSampleId :
WASTE-BUILDING

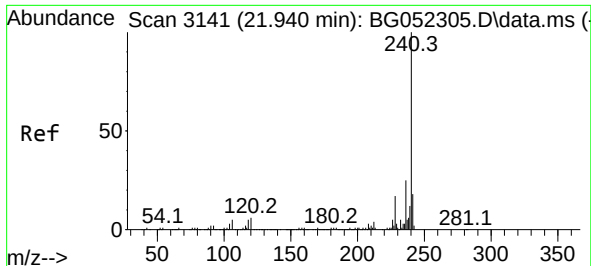
Tgt Ion:188 Resp: 186848
Ion Ratio Lower Upper
188 100
94 6.9 5.9 8.9
80 7.1 6.6 10.0



#67
4-Bromophenyl-phenylether
Concen: 2.865 ng
RT: 16.358 min Scan# 2191
Delta R.T. -0.442 min
Lab File: BG052361.D
Acq: 10 Feb 2022 19:35

Tgt Ion:248 Resp: 6510
Ion Ratio Lower Upper
248 100
250 217.0 79.6 119.4#
141 504.6 54.6 81.8#

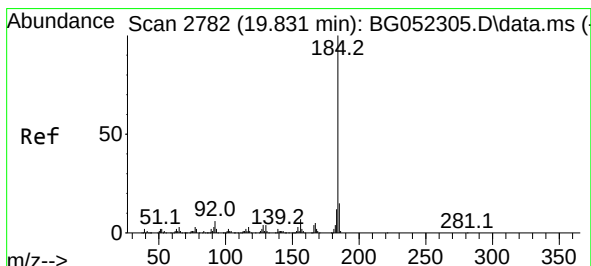
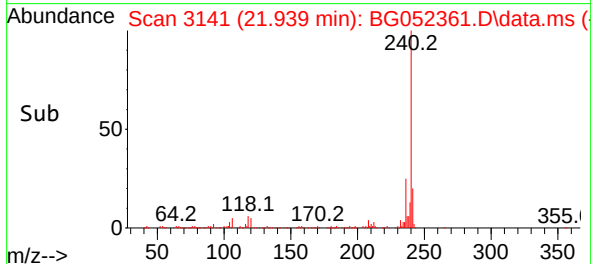
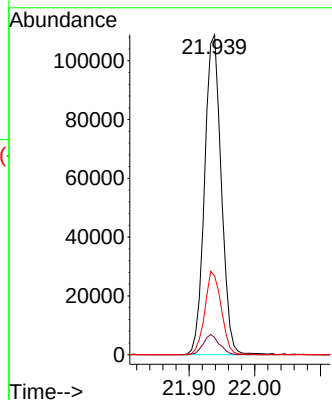
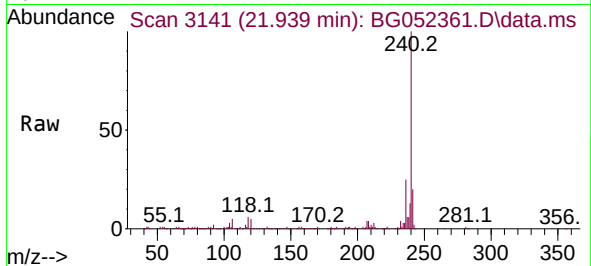




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.939 min Scan# 3141
Delta R.T. -0.001 min
Lab File: BG052361.D
Acq: 10 Feb 2022 19:35

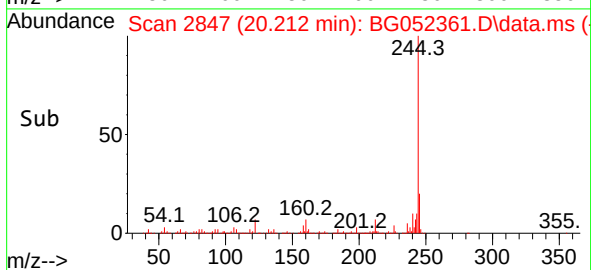
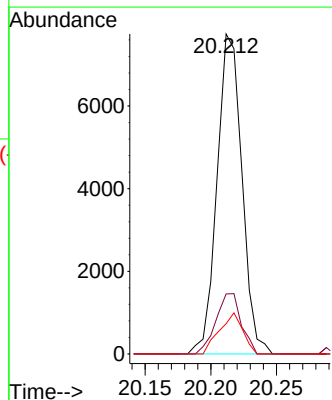
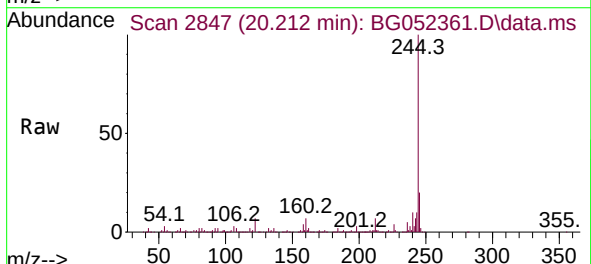
Instrument :
BNA_G
ClientSampleId :
WASTE-BUILDING

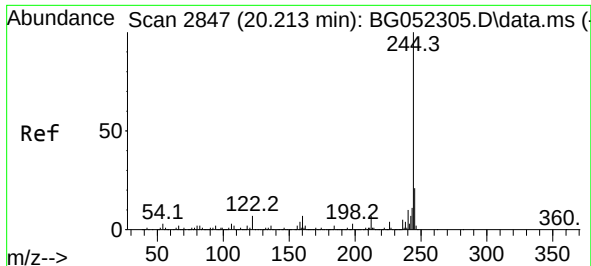
Tgt Ion:240 Resp: 192753
Ion Ratio Lower Upper
240 100
120 5.4 4.4 6.6
236 24.6 20.8 31.2



#77
Benzidine
Concen: 2.475 ng
RT: 20.212 min Scan# 2847
Delta R.T. 0.380 min
Lab File: BG052361.D
Acq: 10 Feb 2022 19:35

Tgt Ion:184 Resp: 10194
Ion Ratio Lower Upper
184 100
185 18.8 11.8 17.8#
183 9.5 9.8 14.6#

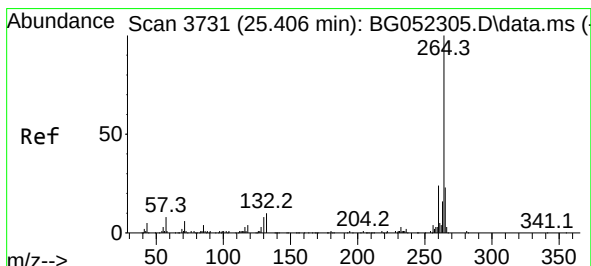
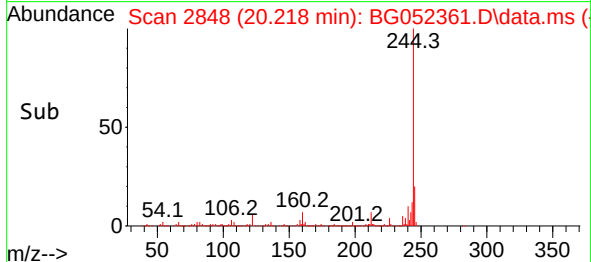
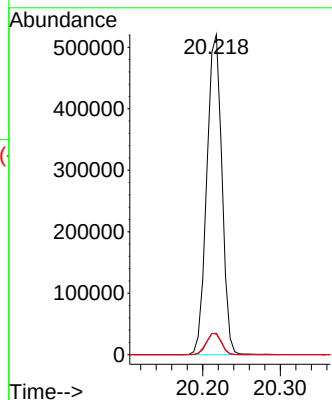
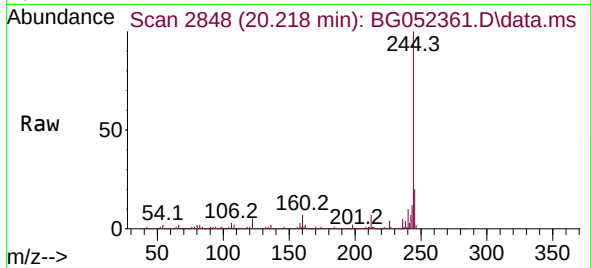




#79
 Terphenyl-d14
 Concen: 64.431 ng
 RT: 20.218 min Scan# 21
 Delta R.T. 0.005 min
 Lab File: BG052361.D
 Acq: 10 Feb 2022 19:35

Instrument :
 BNA_G
 ClientSampleId :
 WASTE-BUILDING

Tgt Ion:244 Resp: 703301
 Ion Ratio Lower Upper
 244 100
 212 6.7 6.0 9.0
 122 6.4 6.2 9.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.411 min Scan# 3732
 Delta R.T. 0.005 min
 Lab File: BG052361.D
 Acq: 10 Feb 2022 19:35

Tgt Ion:264 Resp: 195082
 Ion Ratio Lower Upper
 264 100
 260 22.3 18.5 27.7
 265 21.3 17.8 26.6

