

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052322\
 Data File : BG053673.D
 Acq On : 23 May 2022 20:48
 Operator : CG/JU
 Sample : N2968-11
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-29

Quant Time: May 24 05:10:27 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)

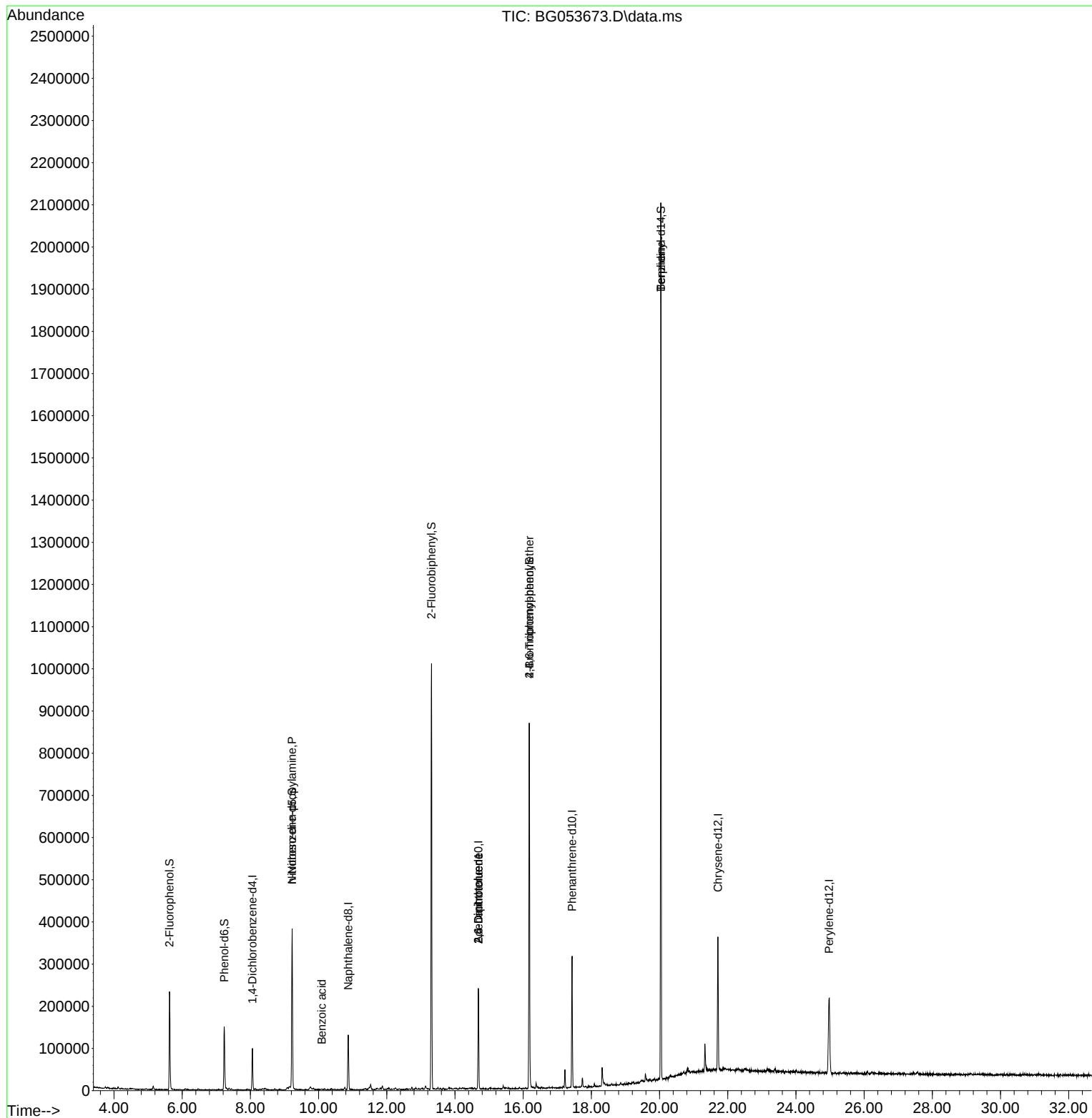
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.060	152	26526	20.000	ng	0.00
21) Naphthalene-d8	10.868	136	108456	20.000	ng	0.00
39) Acenaphthene-d10	14.686	164	82289	20.000	ng	0.00
64) Phenanthrene-d10	17.435	188	203099	20.000	ng	0.00
76) Chrysene-d12	21.712	240	198852	20.000	ng	0.00
86) Perylene-d12	24.972	264	202432	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.628	112	97800	62.572	ng	0.00
7) Phenol-d6	7.232	99	91605	38.618	ng	0.00
23) Nitrobenzene-d5	9.223	82	239090	93.842	ng	0.00
42) 2,4,6-Tribromophenol	16.178	330	180109	148.401	ng	0.00
45) 2-Fluorobiphenyl	13.312	172	534287	94.878	ng	0.00
79) Terphenyl-d14	20.038	244	991835	92.896	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.223	70	33920	19.930	ng	Qvalue
32) Benzoic acid	10.092	122	239	8.695	ng	# 79
51) 2,6-Dinitrotoluene	14.686	165	11173	8.770	ng	# 1
57) 2,4-Dinitrotoluene	14.686	165	11173	6.050	ng	# 16
67) 4-Bromophenyl-phenylether	16.178	248	11939	5.033	ng	# 21
77) Benzidine	20.038	184	16911	3.946	ng	# 1

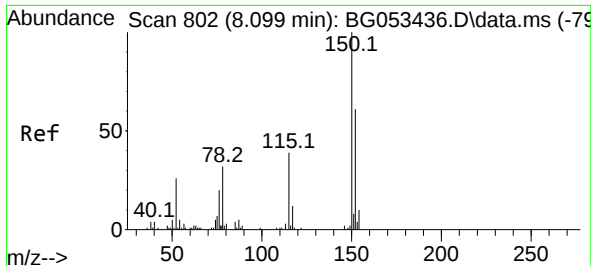
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052322\
Data File : BG053673.D
Acq On : 23 May 2022 20:48
Operator : CG/JU
Sample : N2968-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-29

Quant Time: May 24 05:10:27 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

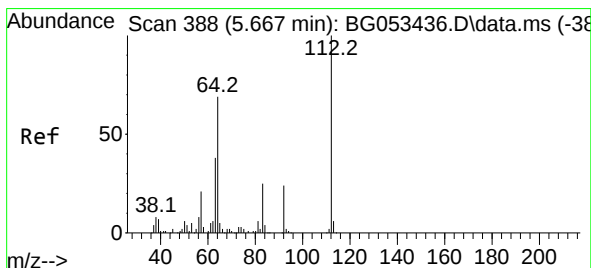
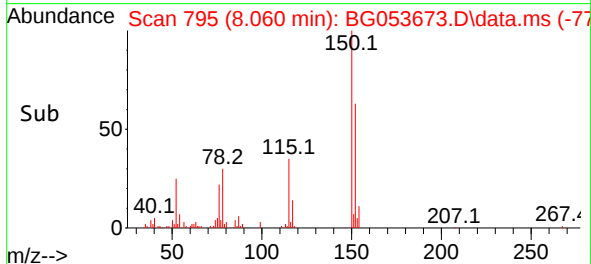
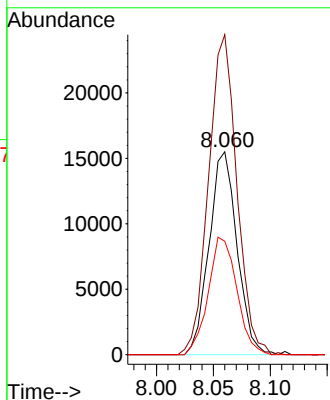
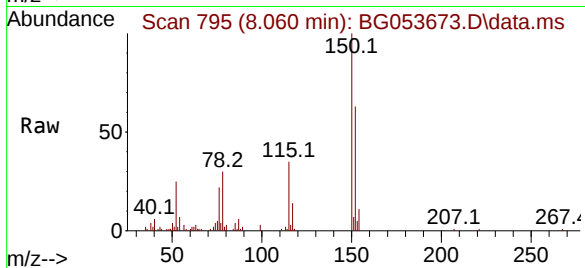




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.060 min Scan# 79
Delta R.T. 0.002 min
Lab File: BG053673.D
Acq: 23 May 2022 20:48

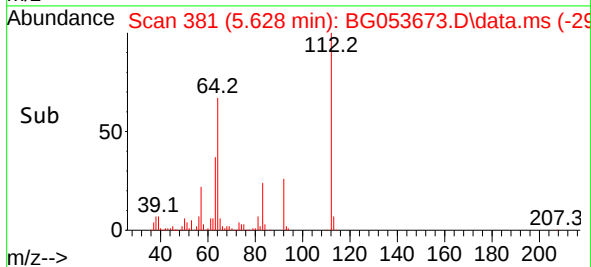
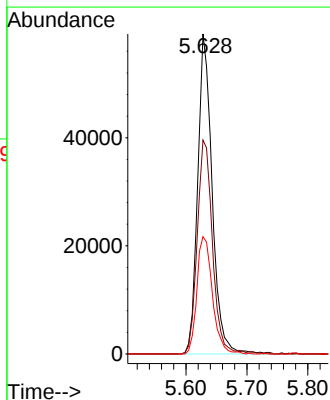
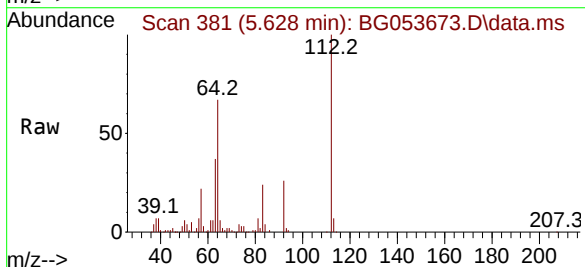
Instrument :
BNA_G
ClientSampleId :
MW-29

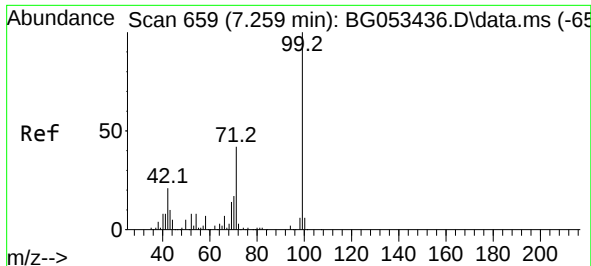
Tgt Ion:152 Resp: 26526
Ion Ratio Lower Upper
152 100
150 157.8 131.6 197.4
115 55.9 50.9 76.3



#5
2-Fluorophenol
Concen: 62.572 ng
RT: 5.628 min Scan# 381
Delta R.T. 0.002 min
Lab File: BG053673.D
Acq: 23 May 2022 20:48

Tgt Ion:112 Resp: 97800
Ion Ratio Lower Upper
112 100
64 66.8 55.1 82.7
63 36.7 30.4 45.6

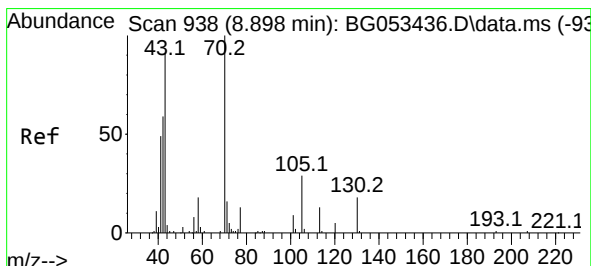
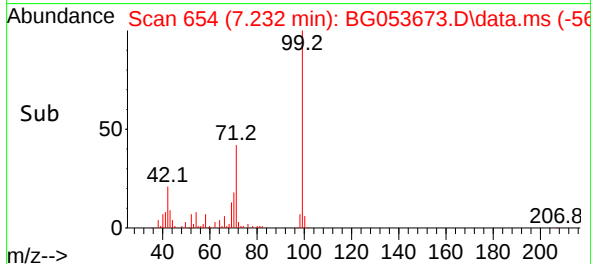
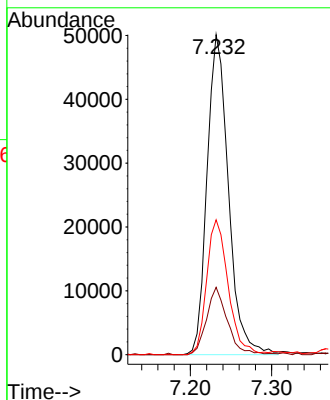
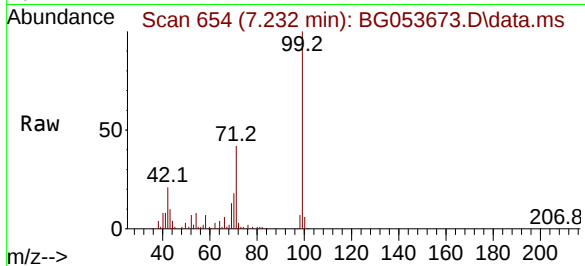




#7
Phenol-d6
Concen: 38.618 ng
RT: 7.232 min Scan# 61
Delta R.T. 0.002 min
Lab File: BG053673.D
Acq: 23 May 2022 20:48

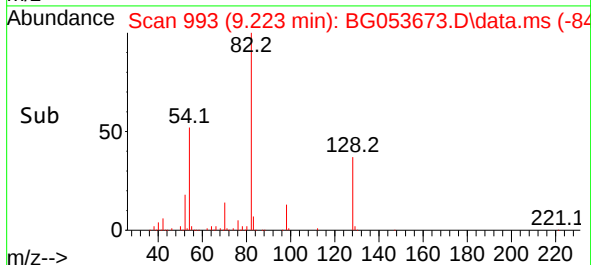
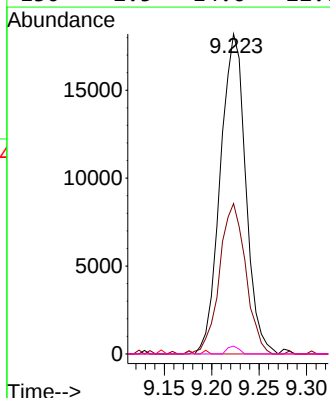
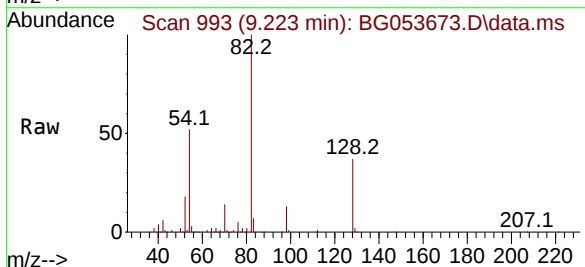
Instrument :
BNA_G
ClientSampleId :
MW-29

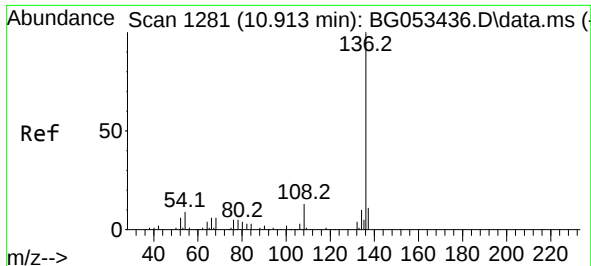
Tgt Ion: 99 Resp: 91605
Ion Ratio Lower Upper
99 100
42 21.1 17.0 25.6
71 42.1 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 19.930 ng
RT: 9.223 min Scan# 993
Delta R.T. 0.361 min
Lab File: BG053673.D
Acq: 23 May 2022 20:48

Tgt Ion: 70 Resp: 33920
Ion Ratio Lower Upper
70 100
42 47.0 47.3 70.9#
101 0.0 7.0 10.4#
130 2.5 14.6 22.0#

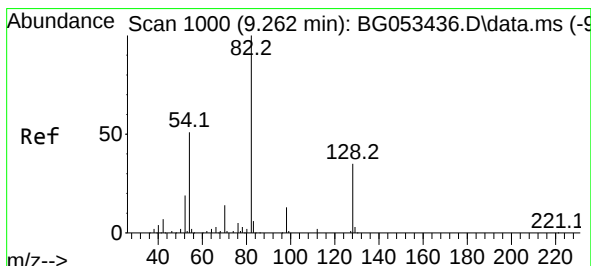
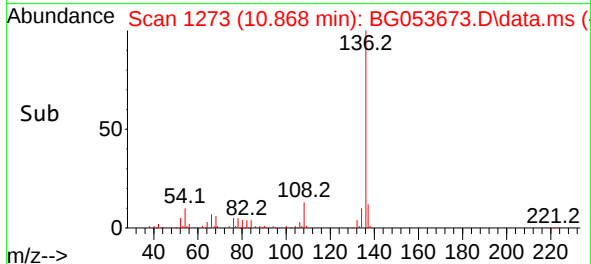
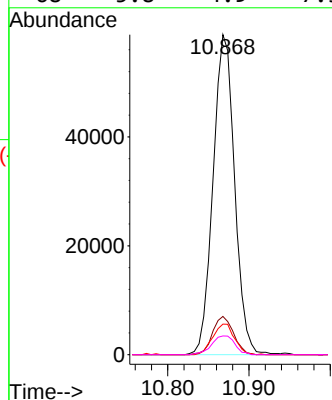
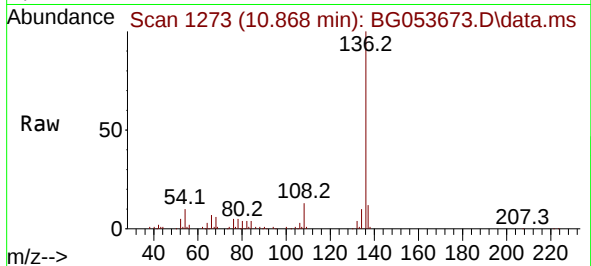




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.868 min Scan# 11
Delta R.T. -0.004 min
Lab File: BG053673.D
Acq: 23 May 2022 20:48

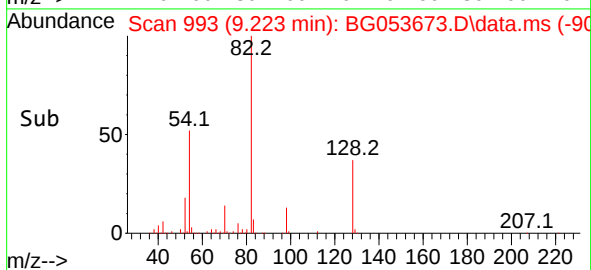
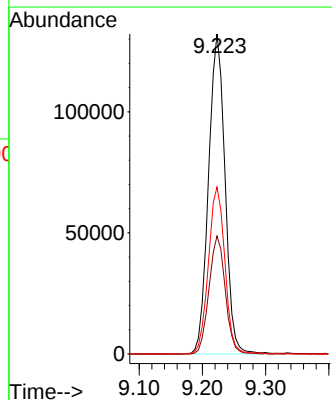
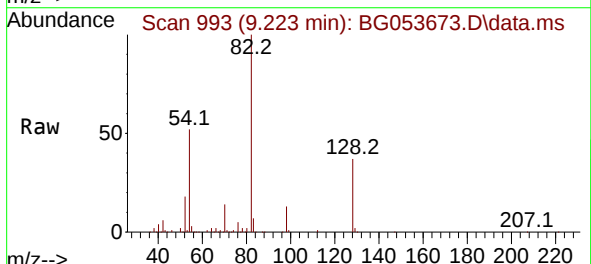
Instrument :
BNA_G
ClientSampleId :
MW-29

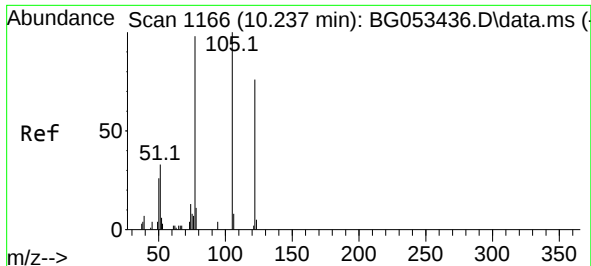
Tgt Ion:	136	Resp:	108456
Ion	Ratio	Lower	Upper
136	100		
137	12.0	8.5	12.7
54	9.5	7.4	11.2
68	5.8	4.9	7.3



#23
Nitrobenzene-d5
Concen: 93.842 ng
RT: 9.223 min Scan# 993
Delta R.T. -0.004 min
Lab File: BG053673.D
Acq: 23 May 2022 20:48

Tgt Ion:	82	Resp:	239090
Ion	Ratio	Lower	Upper
82	100		
128	36.9	27.9	41.9
54	52.1	41.2	61.8

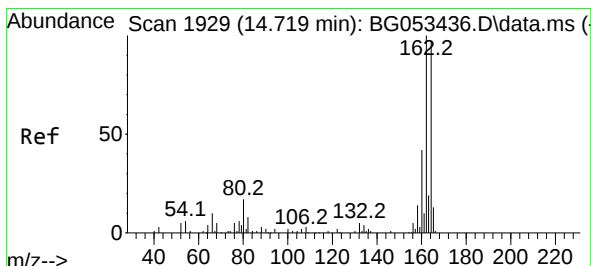
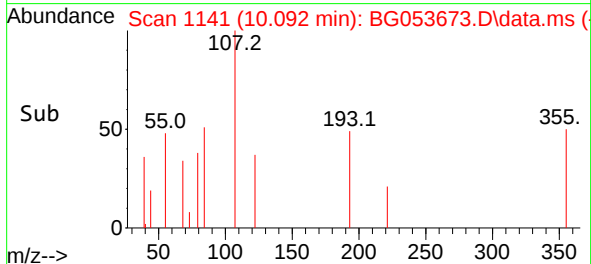
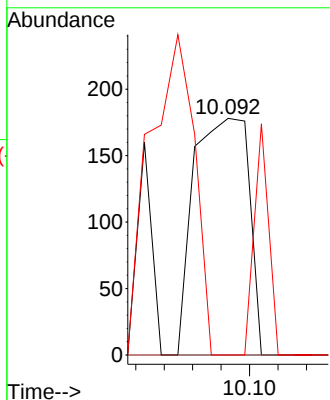
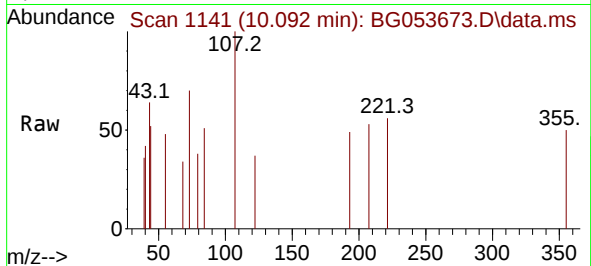




#32
Benzoic acid
Concen: 8.695 ng
RT: 10.092 min Scan# 1166
Delta R.T. -0.133 min
Lab File: BG053673.D
Acq: 23 May 2022 20:48

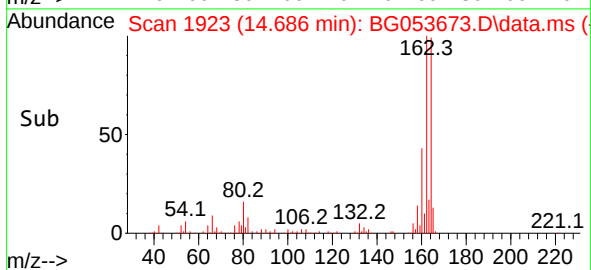
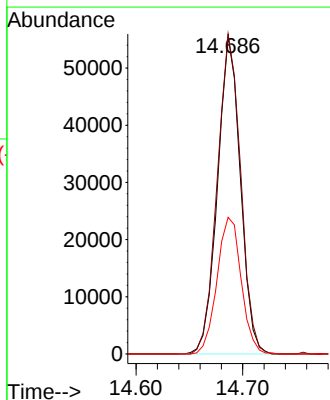
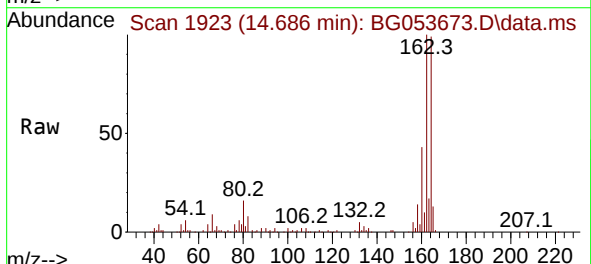
Instrument :
BNA_G
ClientSampleId :
MW-29

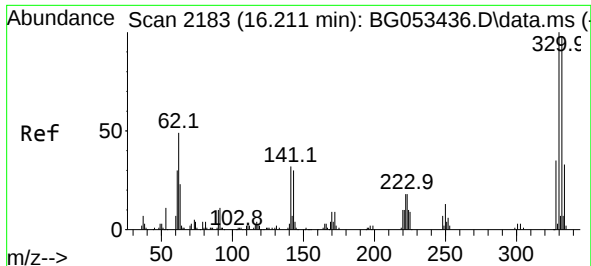
Tgt Ion:122 Resp: 239
Ion Ratio Lower Upper
122 100
105 0.0 111.8 151.8#
77 0.0 109.4 149.4#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.686 min Scan# 1923
Delta R.T. -0.004 min
Lab File: BG053673.D
Acq: 23 May 2022 20:48

Tgt Ion:164 Resp: 82289
Ion Ratio Lower Upper
164 100
162 100.8 82.3 123.5
160 43.0 34.2 51.2





#42

2,4,6-Tribromophenol

Concen: 148.401 ng

RT: 16.178 min Scan# 21

Delta R.T. -0.004 min

Lab File: BG053673.D

Acq: 23 May 2022 20:48

Instrument :

BNA_G

ClientSampleId :

MW-29

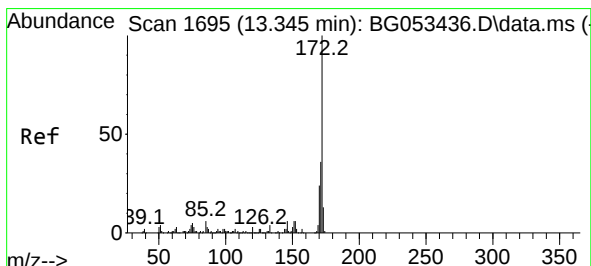
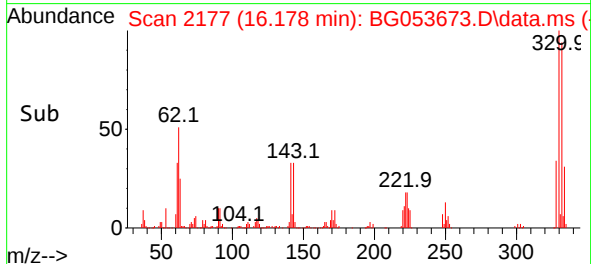
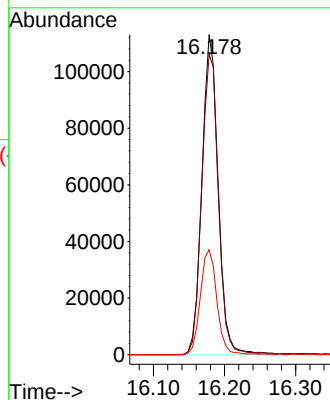
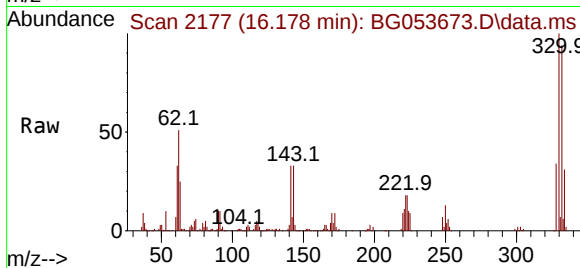
Tgt Ion:330 Resp: 180109

Ion Ratio Lower Upper

330 100

332 95.5 76.0 114.0

141 33.4 27.1 40.7



#45

2-Fluorobiphenyl

Concen: 94.878 ng

RT: 13.312 min Scan# 1689

Delta R.T. -0.004 min

Lab File: BG053673.D

Acq: 23 May 2022 20:48

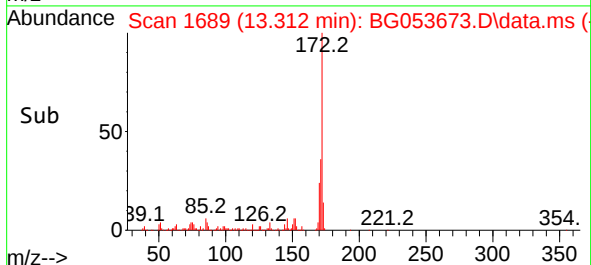
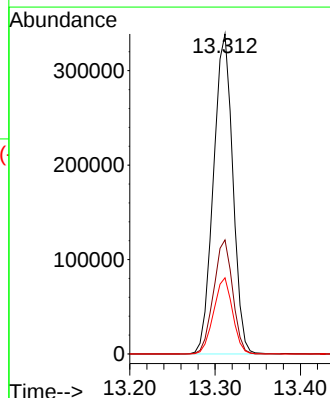
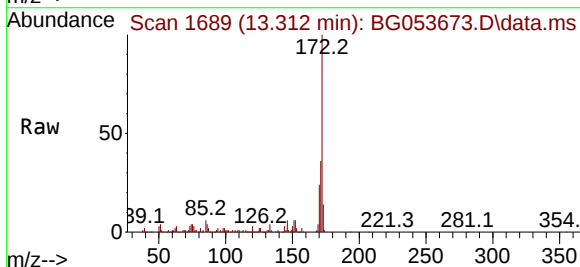
Tgt Ion:172 Resp: 534287

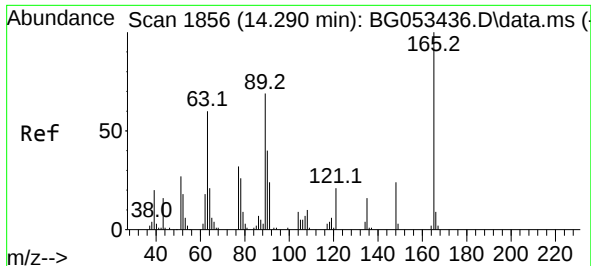
Ion Ratio Lower Upper

172 100

171 35.6 28.5 42.7

170 23.8 18.9 28.3





#51

2,6-Dinitrotoluene

Concen: 8.770 ng

RT: 14.686 min Scan# 1923

Delta R.T. 0.425 min

Lab File: BG053673.D

Acq: 23 May 2022 20:48

Instrument :

BNA_G

ClientSampleId :

MW-29

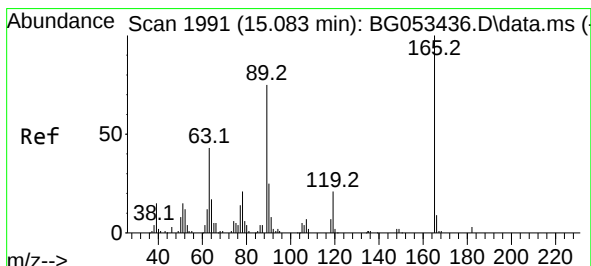
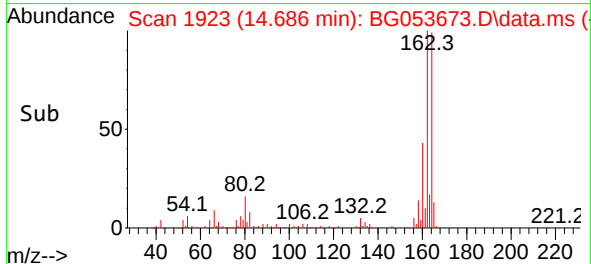
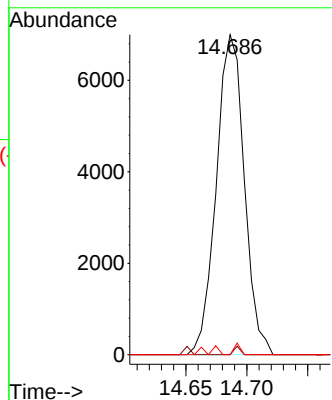
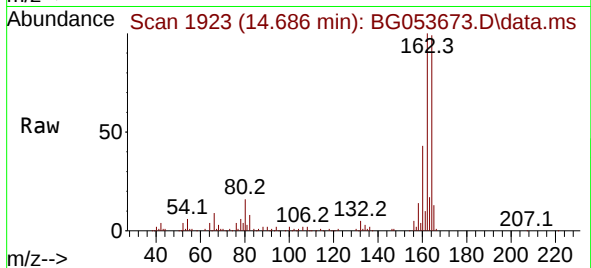
Tgt Ion:165 Resp: 11173

Ion Ratio Lower Upper

165 100

63 0.0 54.1 81.1#

89 0.0 54.8 82.2#



#57

2,4-Dinitrotoluene

Concen: 6.050 ng

RT: 14.686 min Scan# 1923

Delta R.T. -0.368 min

Lab File: BG053673.D

Acq: 23 May 2022 20:48

Tgt Ion:165 Resp: 11173

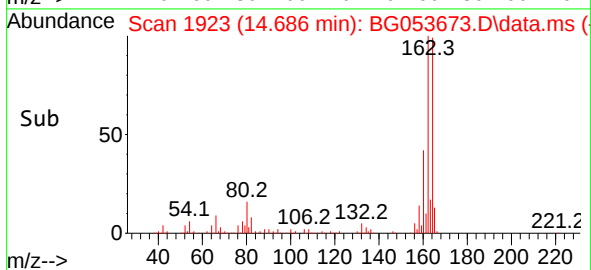
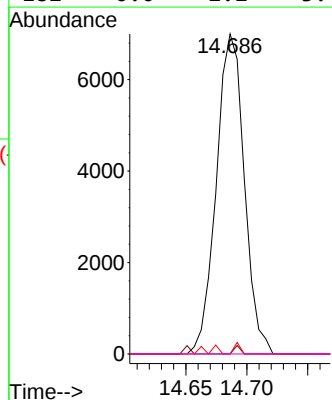
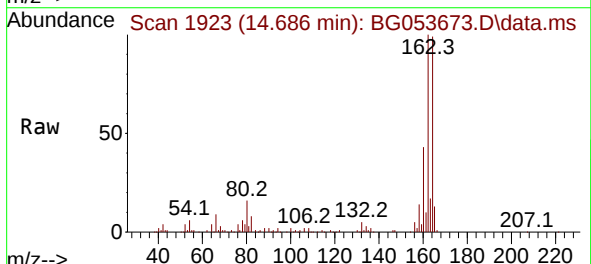
Ion Ratio Lower Upper

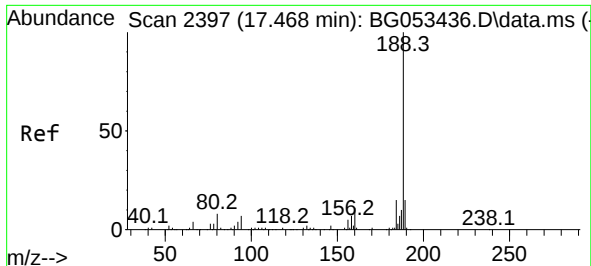
165 100

63 0.0 34.6 52.0#

89 0.0 60.3 90.5#

182 0.0 2.2 3.4#

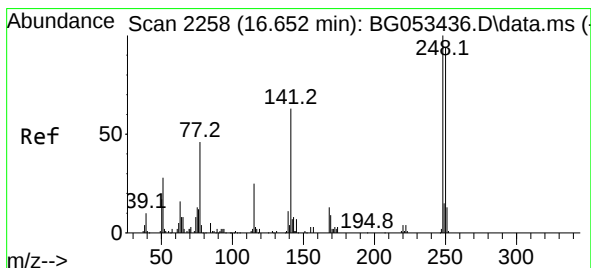
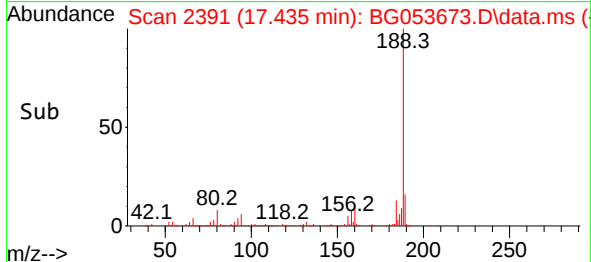
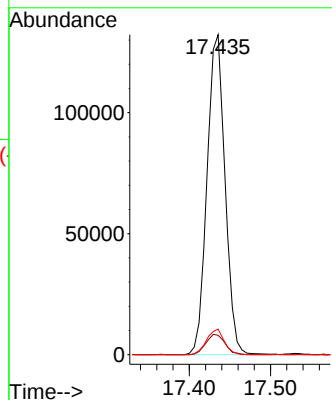
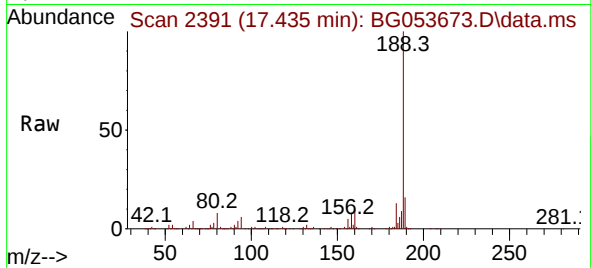




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.435 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG053673.D
Acq: 23 May 2022 20:48

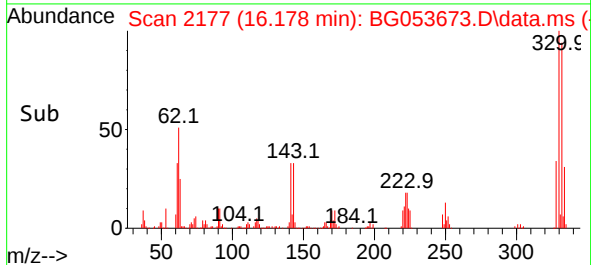
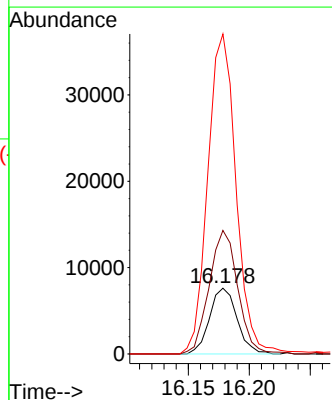
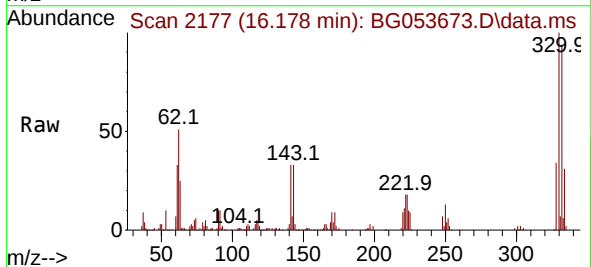
Instrument :
BNA_G
ClientSampleId :
MW-29

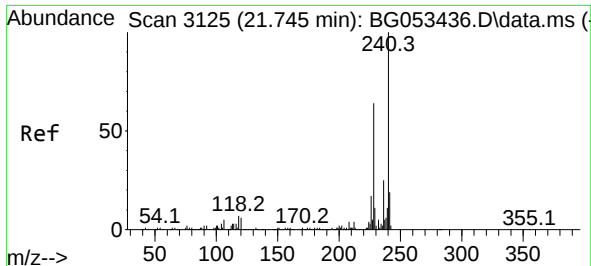
Tgt Ion:188 Resp: 203099
Ion Ratio Lower Upper
188 100
94 6.1 5.4 8.0
80 8.0 6.8 10.2



#67
4-Bromophenyl-phenylether
Concen: 5.033 ng
RT: 16.178 min Scan# 2177
Delta R.T. -0.438 min
Lab File: BG053673.D
Acq: 23 May 2022 20:48

Tgt Ion:248 Resp: 11939
Ion Ratio Lower Upper
248 100
250 187.6 75.2 112.8#
141 486.2 50.0 75.0#

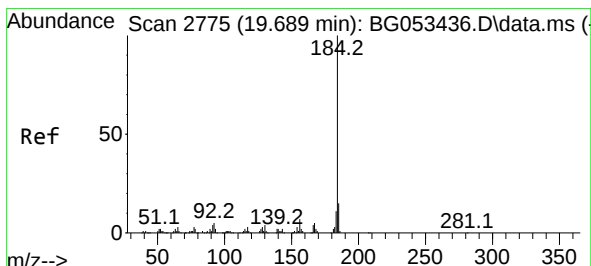
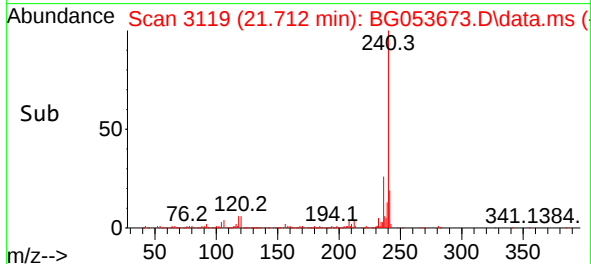
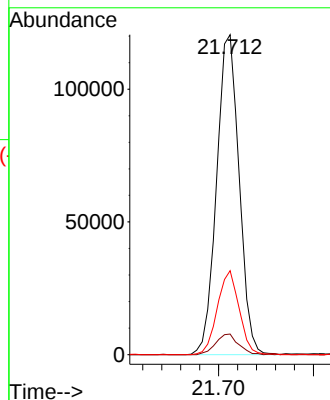
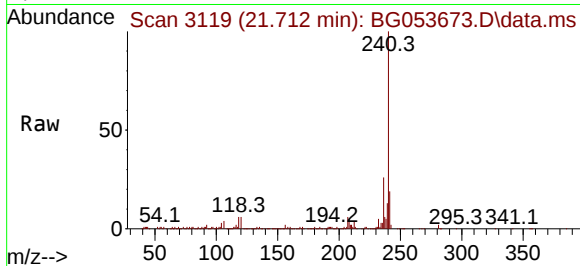




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.712 min Scan# 3119
Delta R.T. -0.004 min
Lab File: BG053673.D
Acq: 23 May 2022 20:48

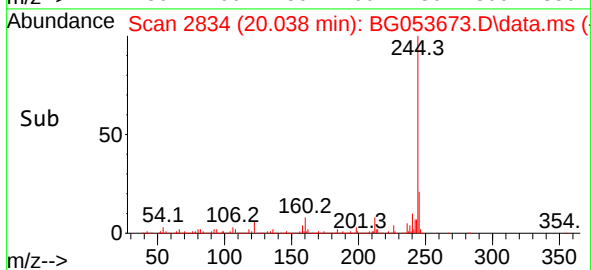
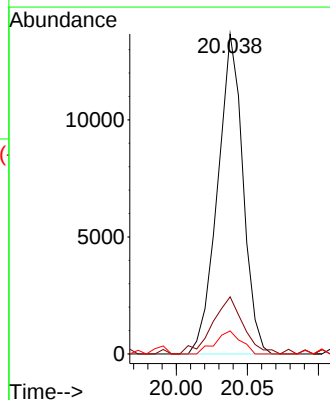
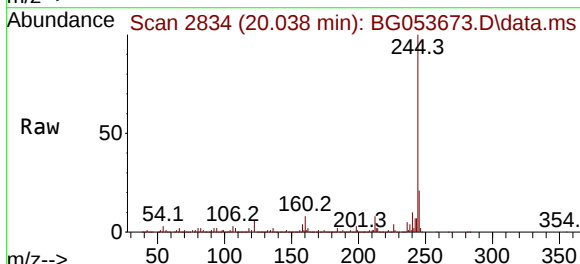
Instrument :
BNA_G
ClientSampleId :
MW-29

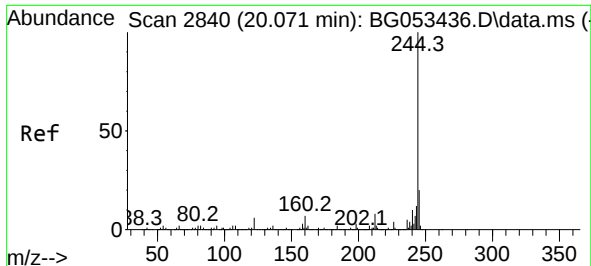
Tgt Ion:240 Resp: 198852
Ion Ratio Lower Upper
240 100
120 6.5 4.6 7.0
236 26.2 20.2 30.4



#77
Benzidine
Concen: 3.946 ng
RT: 20.038 min Scan# 2834
Delta R.T. 0.378 min
Lab File: BG053673.D
Acq: 23 May 2022 20:48

Tgt Ion:184 Resp: 16911
Ion Ratio Lower Upper
184 100
185 17.8 11.8 17.6#
183 7.2 8.9 13.3#

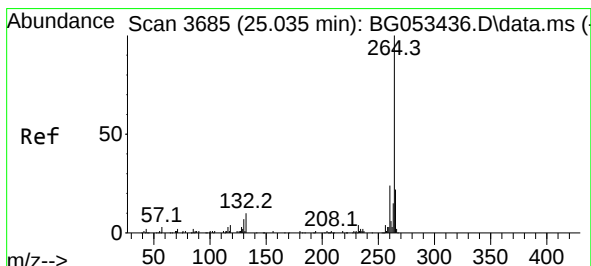
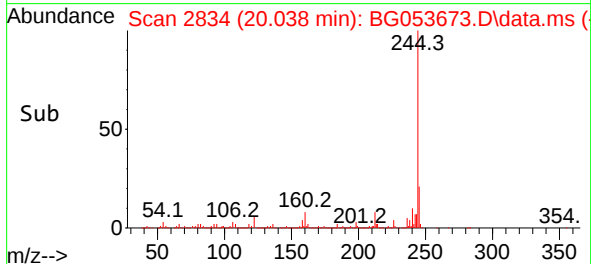
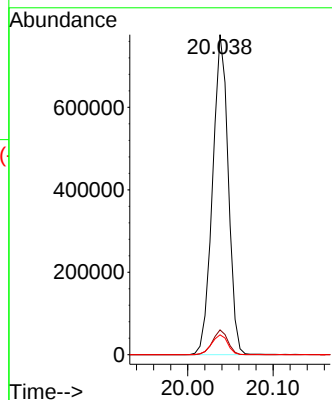
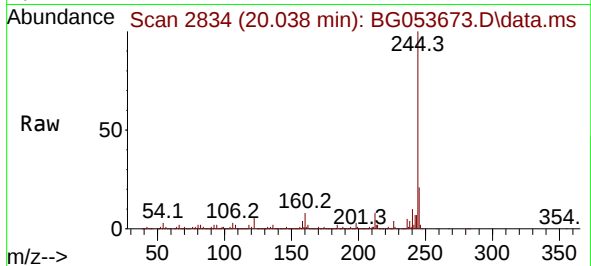




#79
 Terphenyl-d14
 Concen: 92.896 ng
 RT: 20.038 min Scan# 21
 Delta R.T. -0.004 min
 Lab File: BG053673.D
 Acq: 23 May 2022 20:48

Instrument :
 BNA_G
 ClientSampleId :
 MW-29

Tgt Ion:244 Resp: 991835
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.5 9.7
 122 6.2 5.0 7.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.972 min Scan# 3674
 Delta R.T. -0.010 min
 Lab File: BG053673.D
 Acq: 23 May 2022 20:48

Tgt Ion:264 Resp: 202432
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.0 28.6
 265 20.8 17.4 26.2

