

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052422\
 Data File : BG053680.D
 Acq On : 24 May 2022 11:29
 Operator : CG/JU
 Sample : N2698-07
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-31

Quant Time: May 24 15:00:16 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)

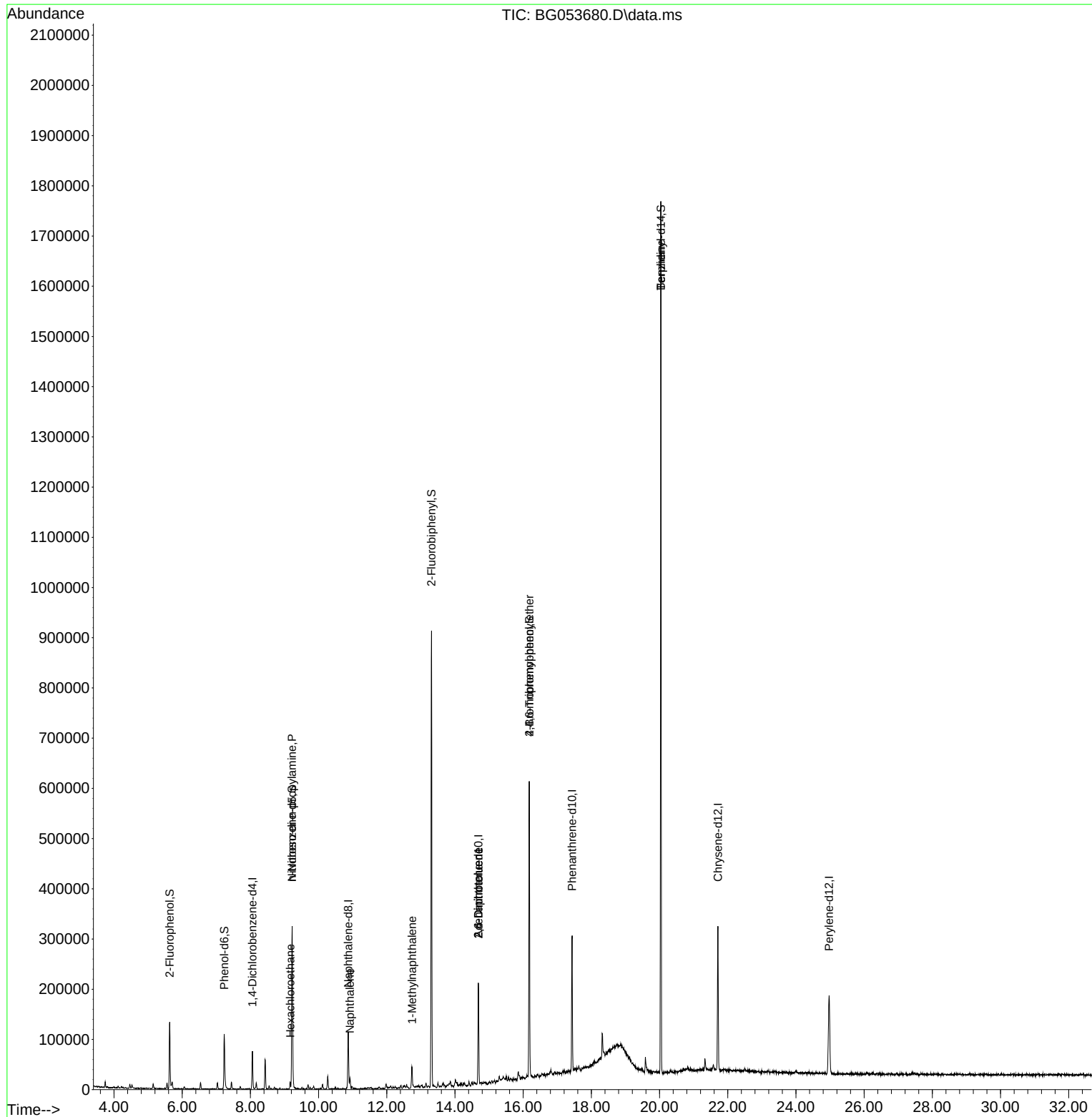
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.060	152	21110	20.000	ng	0.00
21) Naphthalene-d8	10.868	136	91212	20.000	ng	0.00
39) Acenaphthene-d10	14.686	164	71987	20.000	ng	0.00
64) Phenanthrene-d10	17.435	188	176144	20.000	ng	0.00
76) Chrysene-d12	21.712	240	179733	20.000	ng	0.00
86) Perylene-d12	24.972	264	178906	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.634	112	58736	47.221	ng	0.00
7) Phenol-d6	7.232	99	66537	35.247	ng	0.00
23) Nitrobenzene-d5	9.223	82	205224	95.778	ng	0.00
42) 2,4,6-Tribromophenol	16.178	330	116506	109.733	ng	0.00
45) 2-Fluorobiphenyl	13.312	172	477538	96.936	ng	0.00
79) Terphenyl-d14	20.038	244	845740	87.639	ng	0.00
Target Compounds						
						Qvalue
18) Hexachloroethane	9.170	117	2631	4.476	ng	# 1
19) n-Nitroso-di-n-propyla...	9.223	70	29153	21.524	ng	# 79
31) Naphthalene	10.921	128	13628	2.937	ng	# 98
38) 1-Methylnaphthalene	12.742	142	10233	3.029	ng	# 95
51) 2,6-Dinitrotoluene	14.686	165	9381	8.417	ng	# 19
57) 2,4-Dinitrotoluene	14.686	165	9381	5.807	ng	# 24
67) 4-Bromophenyl-phenylether	16.178	248	7486	3.639	ng	# 1
77) Benzidine	20.038	184	15117	3.902	ng	# 91

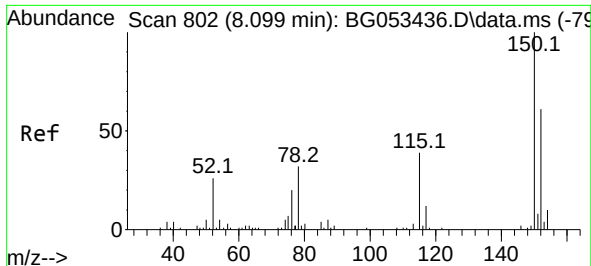
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052422\
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Quant Time: May 24 15:00:16 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

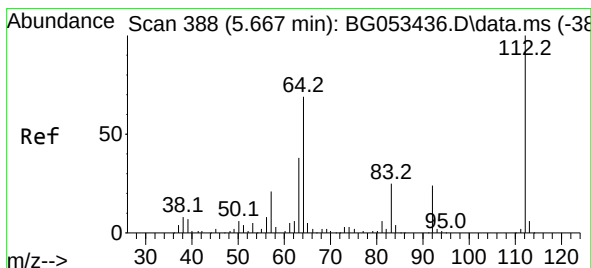
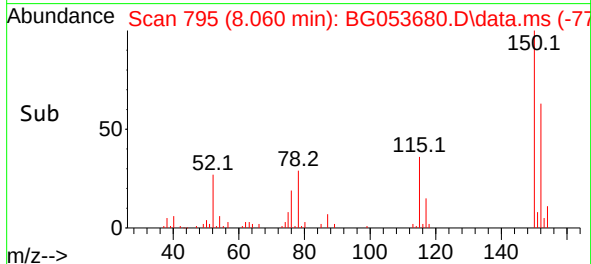
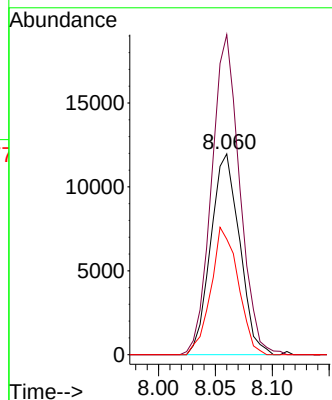
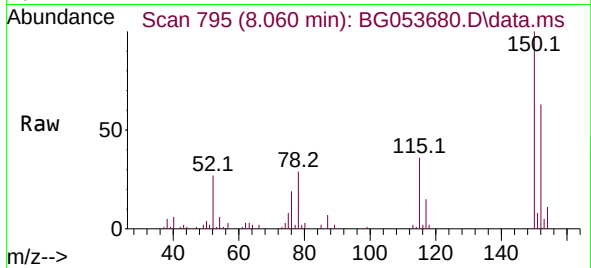




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.060 min Scan# 795
Delta R.T. 0.002 min
Lab File: BG053680.D
Acq: 24 May 2022 11:29

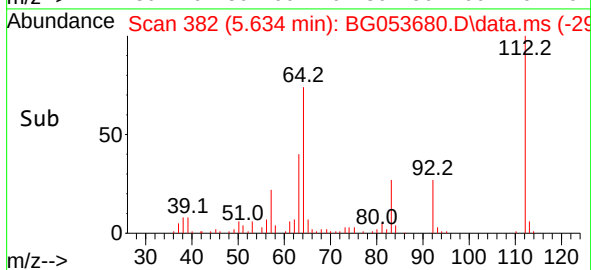
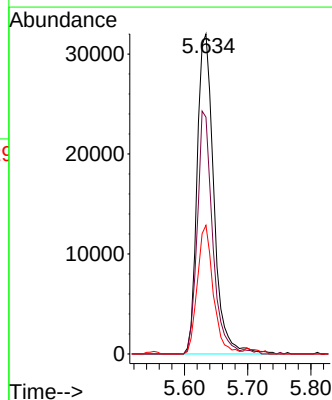
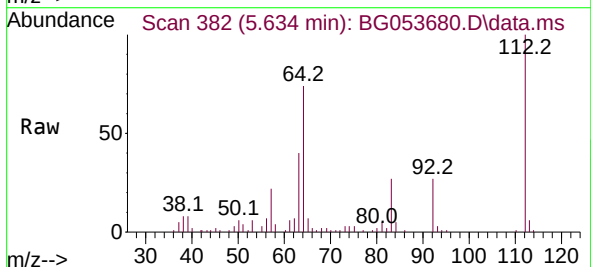
Instrument :
BNA_G
ClientSampleId :
MW-31

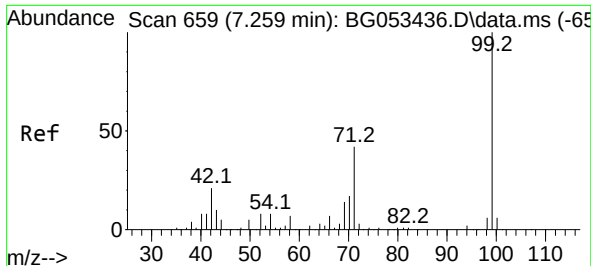
Tgt Ion:152 Resp: 21110
Ion Ratio Lower Upper
152 100
150 159.3 131.6 197.4
115 57.5 50.9 76.3



#5
2-Fluorophenol
Concen: 47.221 ng
RT: 5.634 min Scan# 382
Delta R.T. 0.008 min
Lab File: BG053680.D
Acq: 24 May 2022 11:29

Tgt Ion:112 Resp: 58736
Ion Ratio Lower Upper
112 100
64 74.0 55.1 82.7
63 40.2 30.4 45.6

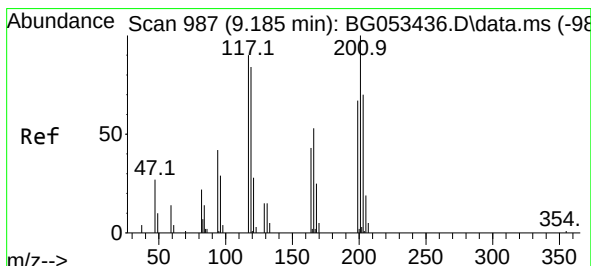
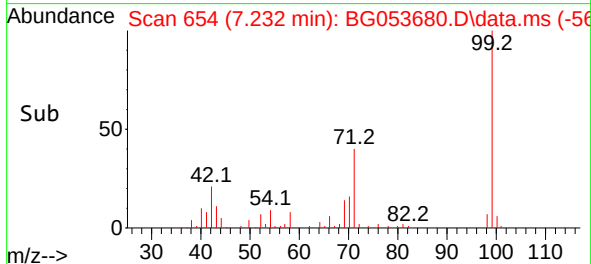
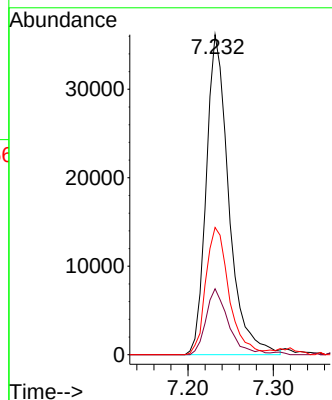
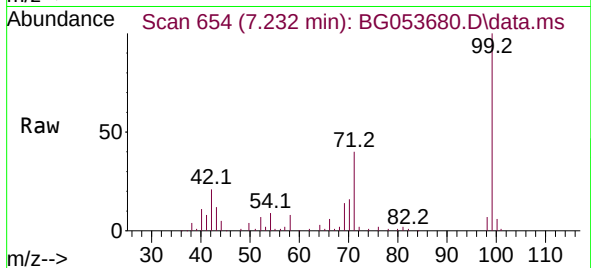




#7
Phenol-d6
Concen: 35.247 ng
RT: 7.232 min Scan# 61
Delta R.T. 0.002 min
Lab File: BG053680.D
Acq: 24 May 2022 11:29

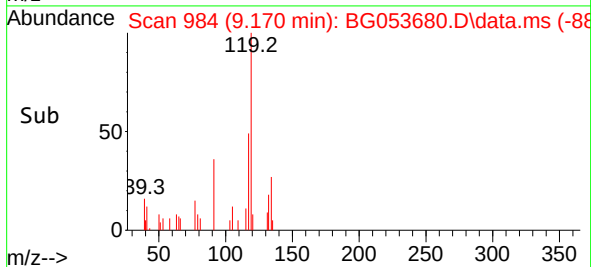
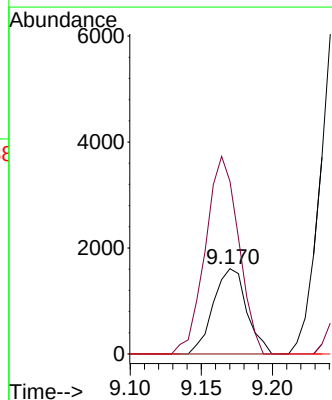
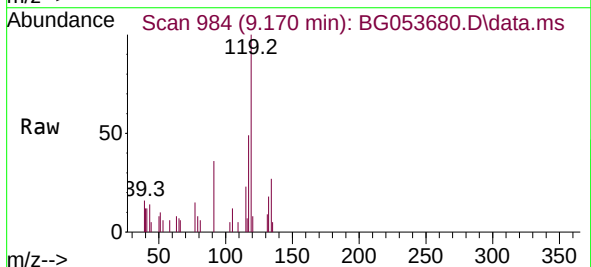
Instrument :
BNA_G
ClientSampleId :
MW-31

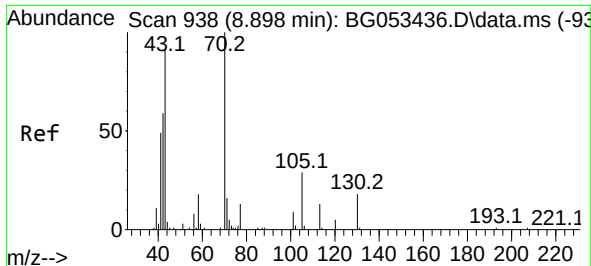
Tgt Ion: 99 Resp: 66537
Ion Ratio Lower Upper
99 100
42 20.6 17.0 25.6
71 39.7 33.8 50.8



#18
Hexachloroethane
Concen: 4.476 ng
RT: 9.170 min Scan# 984
Delta R.T. 0.026 min
Lab File: BG053680.D
Acq: 24 May 2022 11:29

Tgt Ion: 117 Resp: 2631
Ion Ratio Lower Upper
117 100
119 202.3 75.0 112.6#
201 0.0 89.0 133.6#

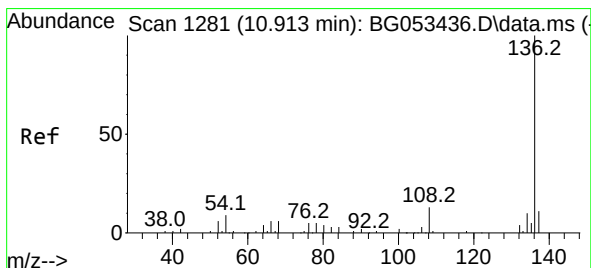
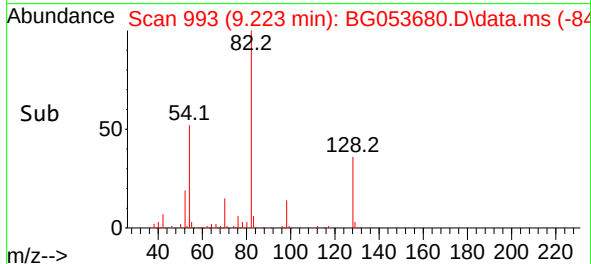
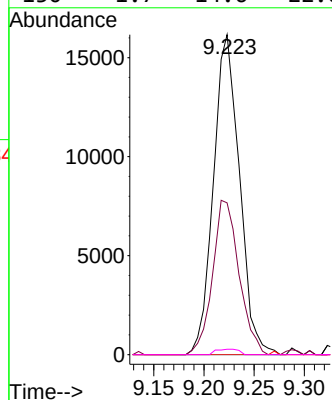
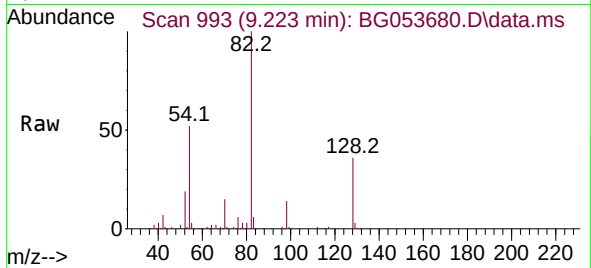




#19
n-Nitroso-di-n-propylamine
Concen: 21.524 ng
RT: 9.223 min Scan# 91
Delta R.T. 0.361 min
Lab File: BG053680.D
Acq: 24 May 2022 11:29

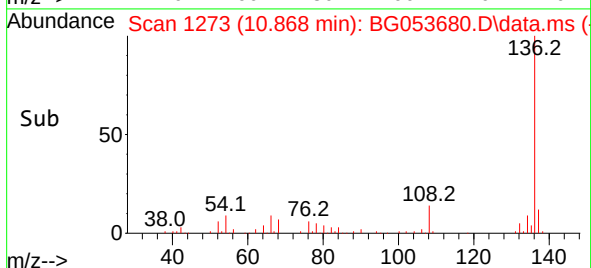
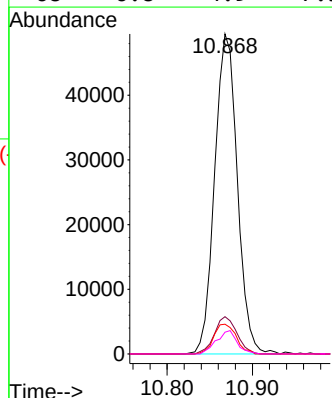
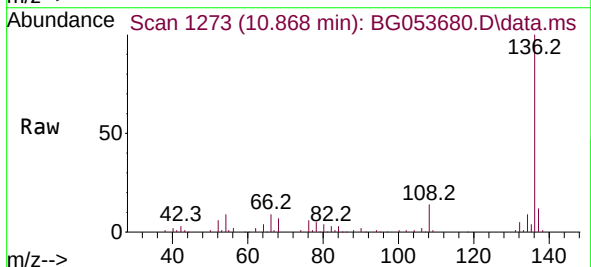
Instrument :
BNA_G
ClientSampleId :
MW-31

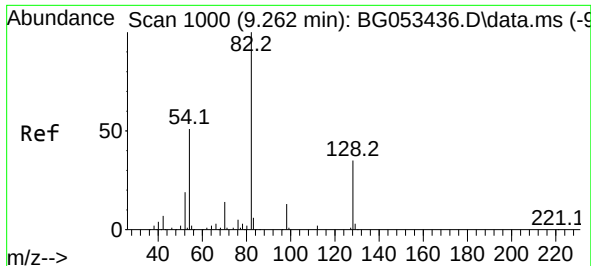
Tgt Ion: 70 Resp: 29153
Ion Ratio Lower Upper
70 100
42 47.4 47.3 70.9
101 0.0 7.0 10.4#
130 1.7 14.6 22.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.868 min Scan# 1273
Delta R.T. -0.004 min
Lab File: BG053680.D
Acq: 24 May 2022 11:29

Tgt Ion: 136 Resp: 91212
Ion Ratio Lower Upper
136 100
137 11.7 8.5 12.7
54 9.3 7.4 11.2
68 6.8 4.9 7.3

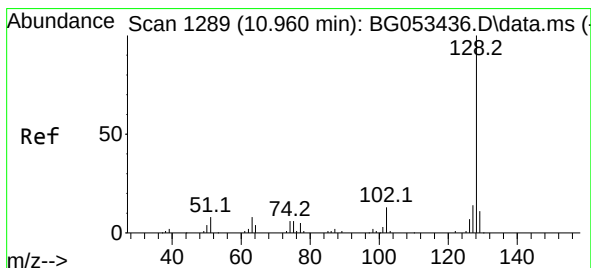
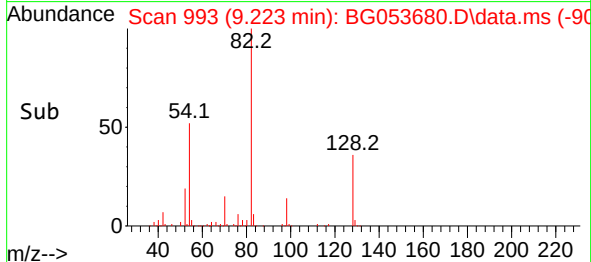
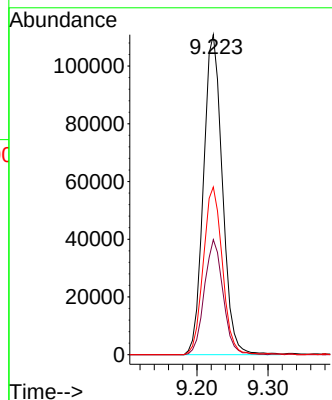
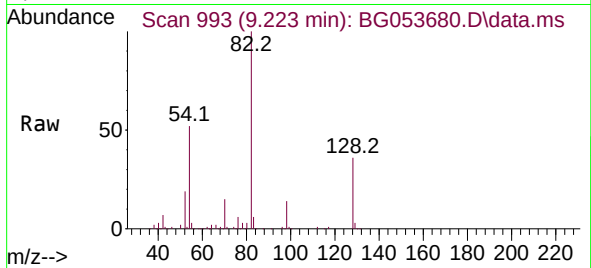




#23
Nitrobenzene-d5
Concen: 95.778 ng
RT: 9.223 min Scan# 91
Delta R.T. -0.004 min
Lab File: BG053680.D
Acq: 24 May 2022 11:29

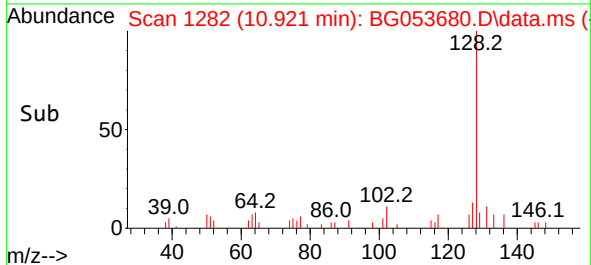
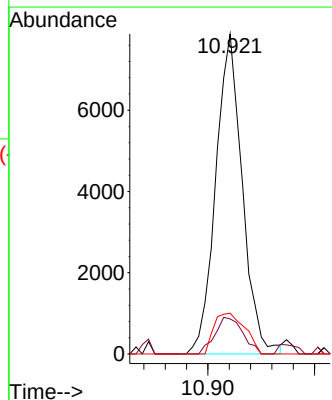
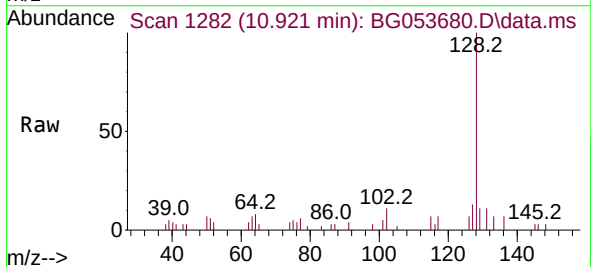
Instrument :
BNA_G
ClientSampleId :
MW-31

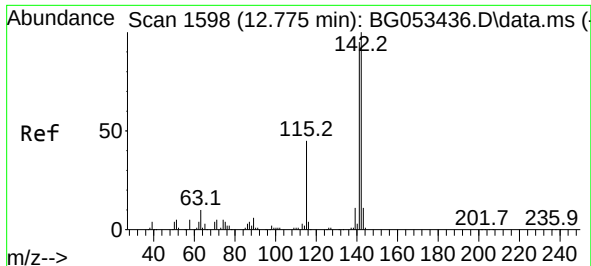
Tgt Ion: 82 Resp: 205224
Ion Ratio Lower Upper
82 100
128 35.9 27.9 41.9
54 52.4 41.2 61.8



#31
Naphthalene
Concen: 2.937 ng
RT: 10.921 min Scan# 1282
Delta R.T. -0.004 min
Lab File: BG053680.D
Acq: 24 May 2022 11:29

Tgt Ion:128 Resp: 13628
Ion Ratio Lower Upper
128 100
129 11.0 9.0 13.6
127 12.8 11.1 16.7

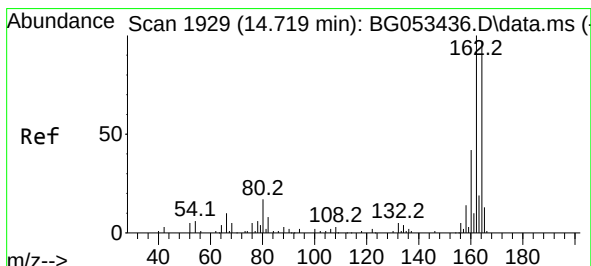
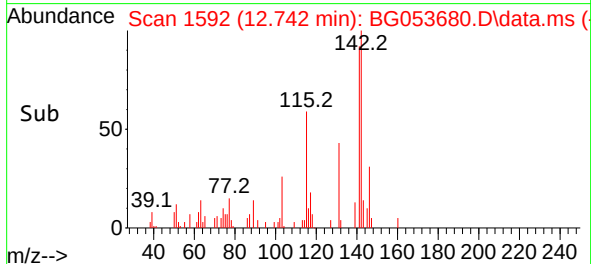
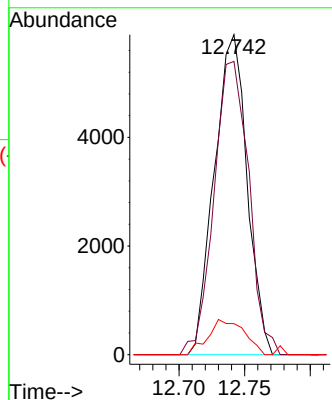
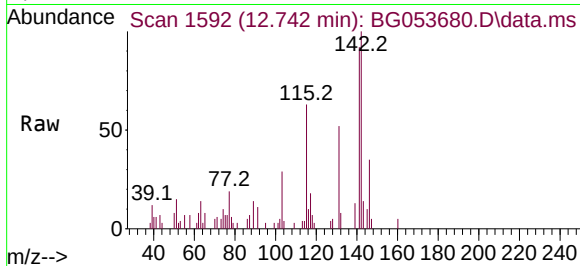




#38
1-Methylnaphthalene
Concen: 3.029 ng
RT: 12.742 min Scan# 1
Delta R.T. 0.002 min
Lab File: BG053680.D
Acq: 24 May 2022 11:29

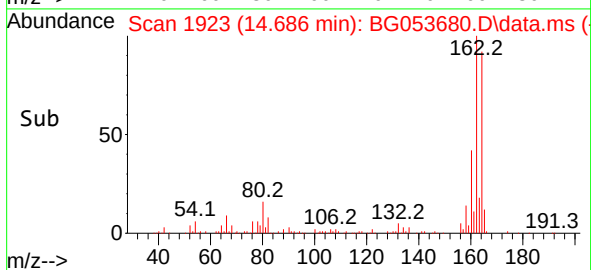
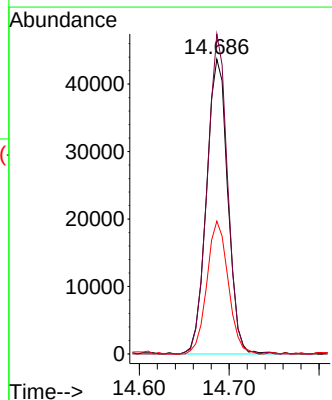
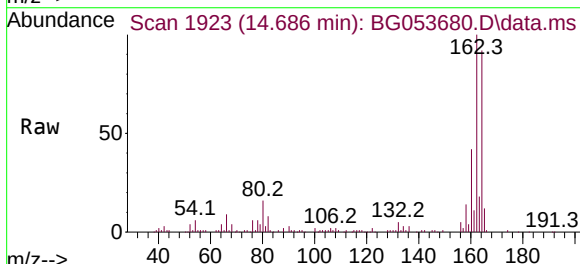
Instrument :
BNA_G
ClientSampleId :
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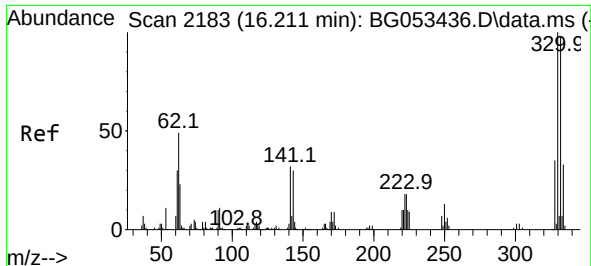
Tgt Ion:142 Resp: 10233
Ion Ratio Lower Upper
142 100
141 91.6 76.4 114.6
116 9.7 3.3 4.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.686 min Scan# 1923
Delta R.T. -0.004 min
Lab File: BG053680.D
Acq: 24 May 2022 11:29

Tgt Ion:164 Resp: 71987
Ion Ratio Lower Upper
164 100
162 108.6 82.3 123.5
160 45.1 34.2 51.2





#42

2,4,6-Tribromophenol

Concen: 109.733 ng

RT: 16.178 min Scan# 21

Delta R.T. -0.004 min

Lab File: BG053680.D

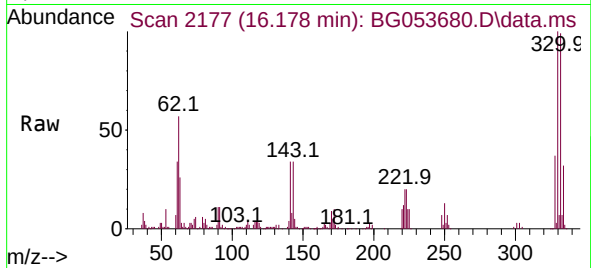
Acq: 24 May 2022 11:29

Instrument :

BNA_G

ClientSampleId :

MW-31



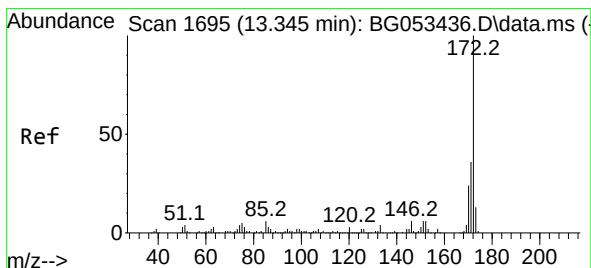
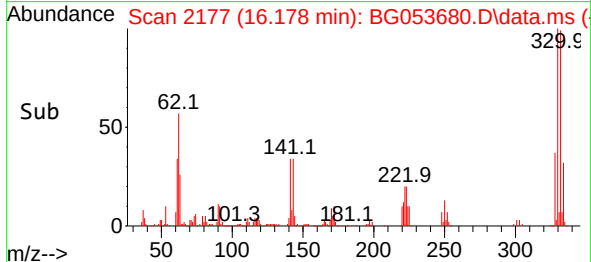
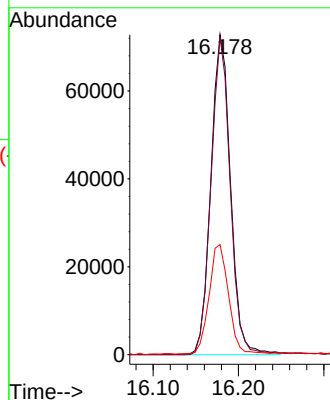
Tgt Ion:330 Resp: 116506

Ion Ratio Lower Upper

330 100

332 96.6 76.0 114.0

141 33.8 27.1 40.7



#45

2-Fluorobiphenyl

Concen: 96.936 ng

RT: 13.312 min Scan# 1689

Delta R.T. -0.004 min

Lab File: BG053680.D

Acq: 24 May 2022 11:29

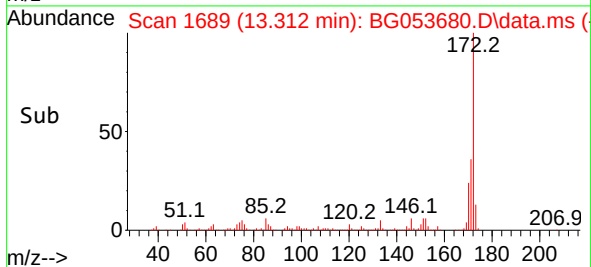
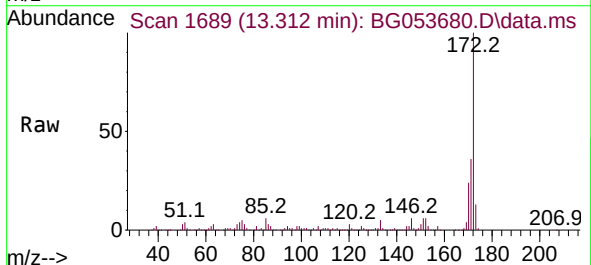
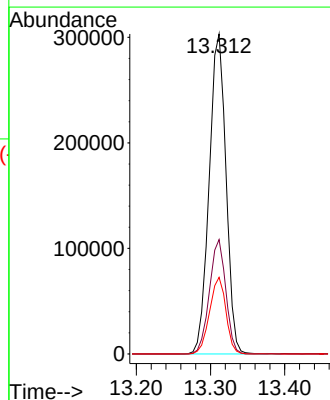
Tgt Ion:172 Resp: 477538

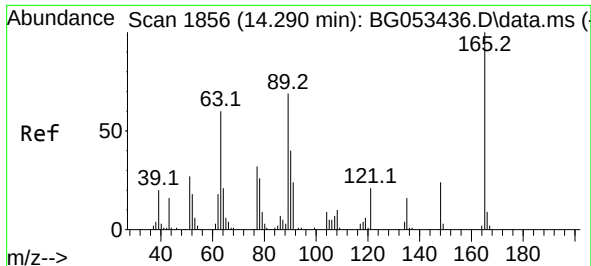
Ion Ratio Lower Upper

172 100

171 35.8 28.5 42.7

170 24.0 18.9 28.3

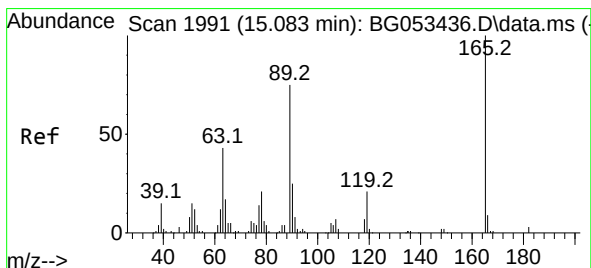
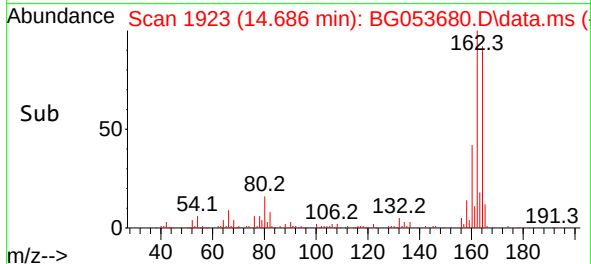
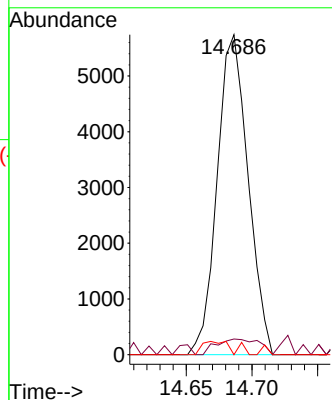
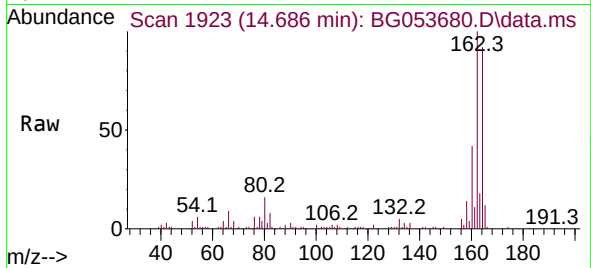




#51
2,6-Dinitrotoluene
Concen: 8.417 ng
RT: 14.686 min Scan# 1923
Delta R.T. 0.425 min
Lab File: BG053680.D
Acq: 24 May 2022 11:29

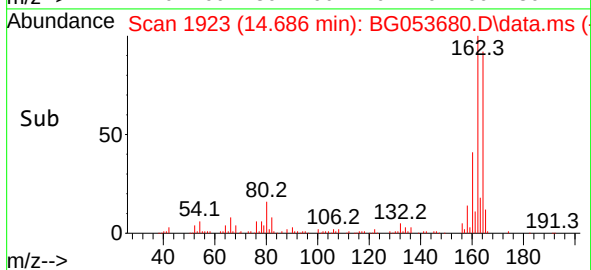
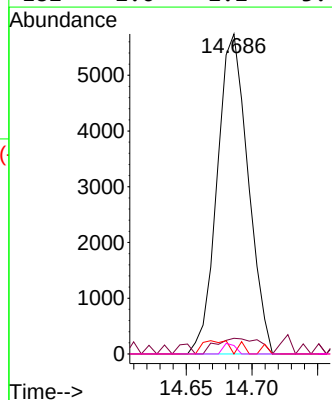
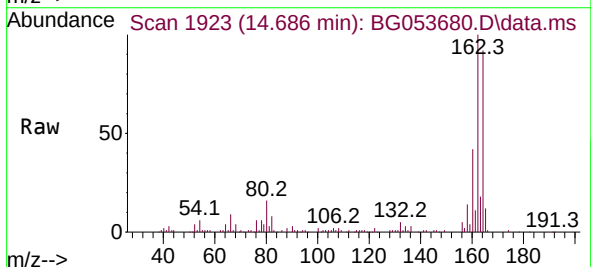
Instrument :
BNA_G
ClientSampleId :
MW-31

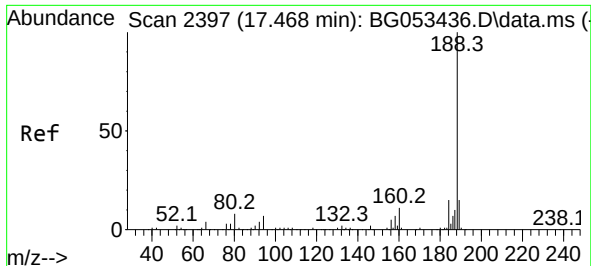
Tgt Ion:165 Resp: 9381
Ion Ratio Lower Upper
165 100
63 4.9 54.1 81.1#
89 0.0 54.8 82.2#



#57
2,4-Dinitrotoluene
Concen: 5.807 ng
RT: 14.686 min Scan# 1923
Delta R.T. -0.368 min
Lab File: BG053680.D
Acq: 24 May 2022 11:29

Tgt Ion:165 Resp: 9381
Ion Ratio Lower Upper
165 100
63 4.9 34.6 52.0#
89 0.0 60.3 90.5#
182 2.6 2.2 3.4

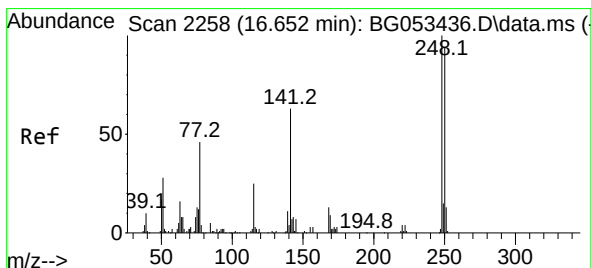
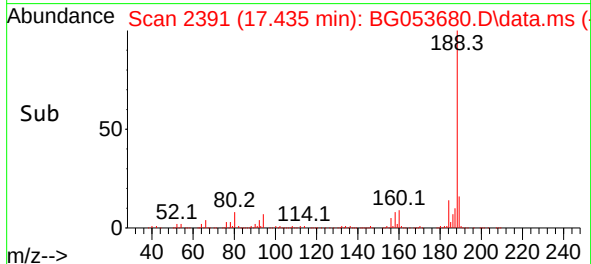
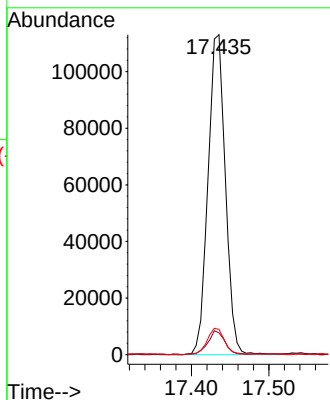
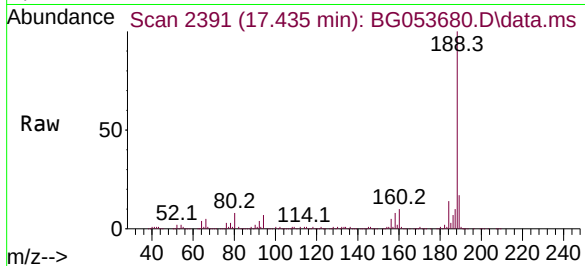




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.435 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG053680.D
Acq: 24 May 2022 11:29

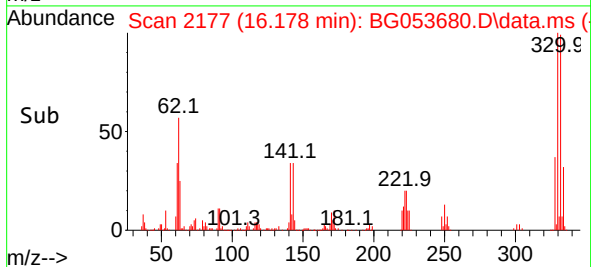
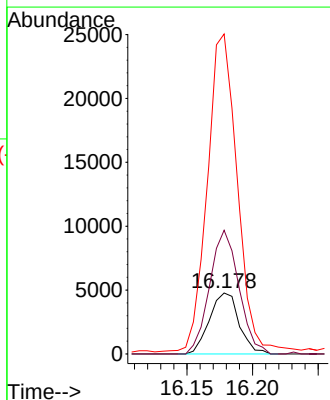
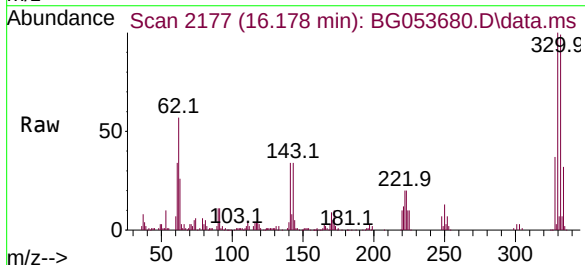
Instrument :
BNA_G
ClientSampleId :
MW-31

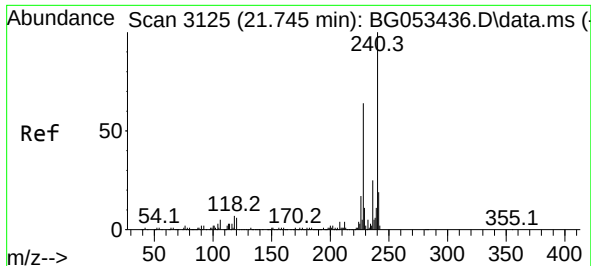
Tgt Ion:188 Resp: 176144
Ion Ratio Lower Upper
188 100
94 6.8 5.4 8.0
80 7.9 6.8 10.2



#67
4-Bromophenyl-phenylether
Concen: 3.639 ng
RT: 16.178 min Scan# 2177
Delta R.T. -0.438 min
Lab File: BG053680.D
Acq: 24 May 2022 11:29

Tgt Ion:248 Resp: 7486
Ion Ratio Lower Upper
248 100
250 202.7 75.2 112.8#
141 524.7 50.0 75.0#

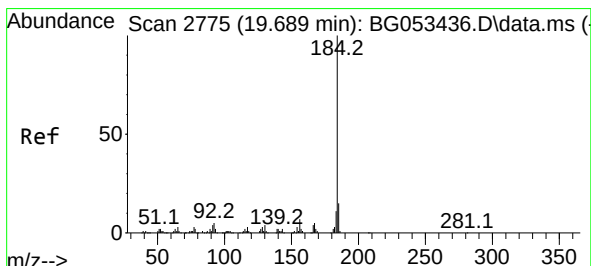
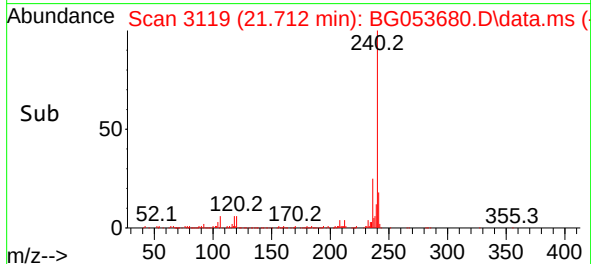
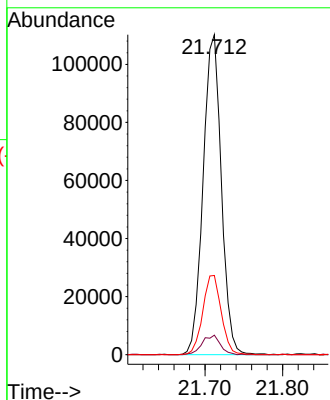
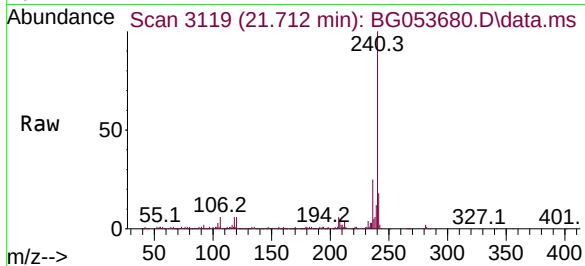




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.712 min Scan# 3119
Delta R.T. -0.004 min
Lab File: BG053680.D
Acq: 24 May 2022 11:29

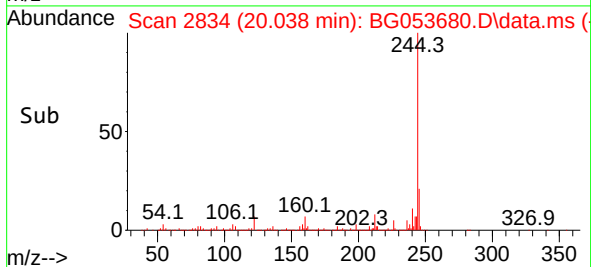
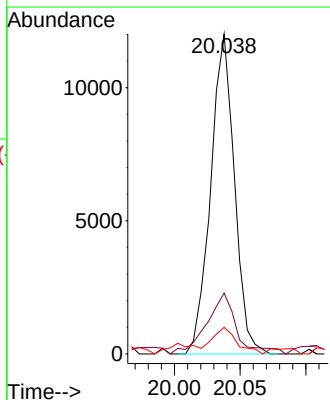
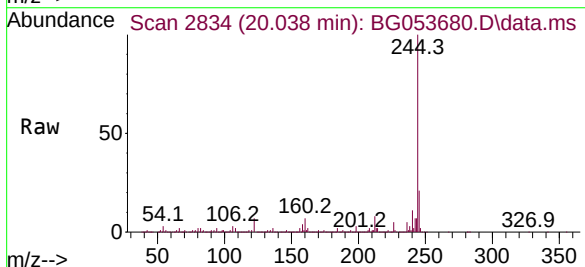
Instrument :
BNA_G
ClientSampleId :
MW-31

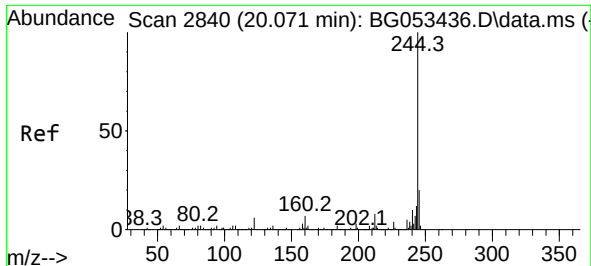
Tgt Ion:240 Resp: 179733
Ion Ratio Lower Upper
240 100
120 6.1 4.6 7.0
236 24.8 20.2 30.4



#77
Benzidine
Concen: 3.902 ng
RT: 20.038 min Scan# 2834
Delta R.T. 0.378 min
Lab File: BG053680.D
Acq: 24 May 2022 11:29

Tgt Ion:184 Resp: 15117
Ion Ratio Lower Upper
184 100
185 19.0 11.8 17.6#
183 8.3 8.9 13.3#

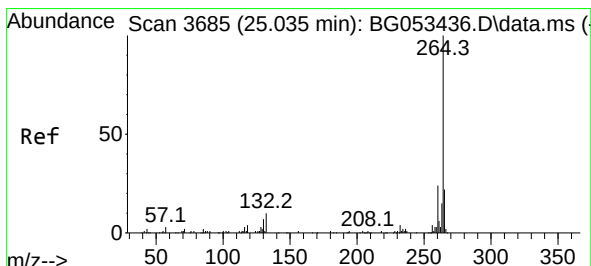
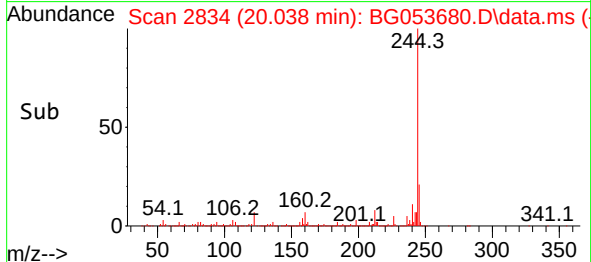
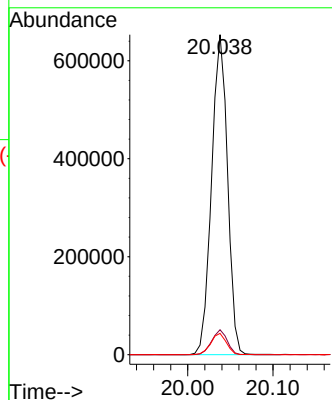
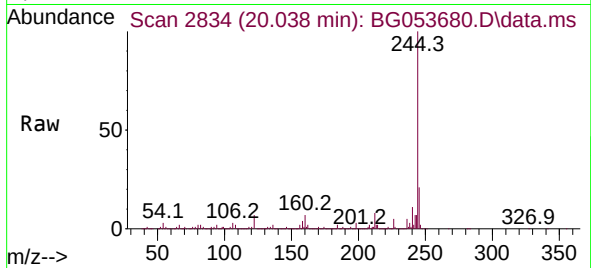




#79
 Terphenyl-d14
 Concen: 87.639 ng
 RT: 20.038 min Scan# 21
 Delta R.T. -0.004 min
 Lab File: BG053680.D
 Acq: 24 May 2022 11:29

Instrument :
 BNA_G
 ClientSampleId :
 MW-31

Tgt Ion:244 Resp: 845740
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.5 9.7
 122 6.6 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: BG053680.D
 Acq: 24 May 2022 11:29

Tgt Ion:264 Resp: 178906
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.0 28.6
 265 21.6 17.4 26.2

