

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042522\
 Data File : BG053310.D
 Acq On : 25 Apr 2022 15:50
 Operator : CG/JU
 Sample : N2481-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-12

Quant Time: Apr 25 18:27:32 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Apr 24 01:13:30 2022
 Response via : Initial Calibration

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

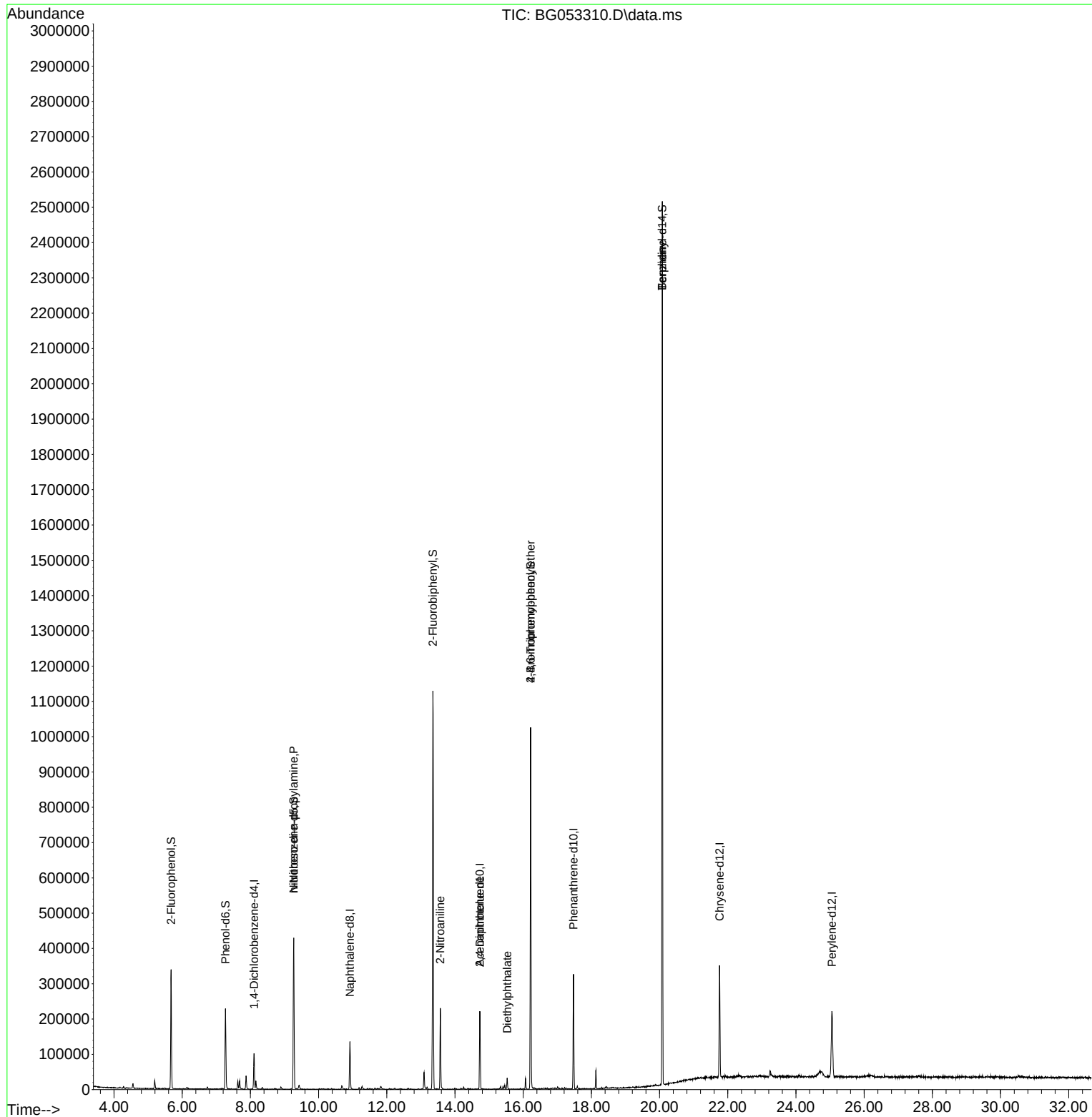
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.106	152	28339	20.000	ng	0.00
21) Naphthalene-d8	10.920	136	110396	20.000	ng	0.00
39) Acenaphthene-d10	14.727	164	82986	20.000	ng	0.00
64) Phenanthrene-d10	17.476	188	205829	20.000	ng	0.00
76) Chrysene-d12	21.758	240	209915	20.000	ng	0.00
86) Perylene-d12	25.054	264	206280	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.674	112	139055	84.112	ng	0.00
7) Phenol-d6	7.266	99	133793	52.480	ng	0.00
23) Nitrobenzene-d5	9.269	82	268851	98.883	ng	0.00
42) 2,4,6-Tribromophenol	16.219	330	197111	149.296	ng	0.00
45) 2-Fluorobiphenyl	13.352	172	581580	96.636	ng	0.00
79) Terphenyl-d14	20.078	244	1228221	98.818	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.269	70	38157	20.444	ng	# 76
48) 2-Nitroaniline	13.569	65	7291	4.030	ng	# 15
57) 2,4-Dinitrotoluene	14.727	165	10978	5.569	ng	# 24
60) Diethylphthalate	15.531	149	16752	2.409	ng	# 93
67) 4-Bromophenyl-phenylether	16.219	248	13610	5.160	ng	# 1
77) Benzidine	20.078	184	20470	3.418	ng	# 92

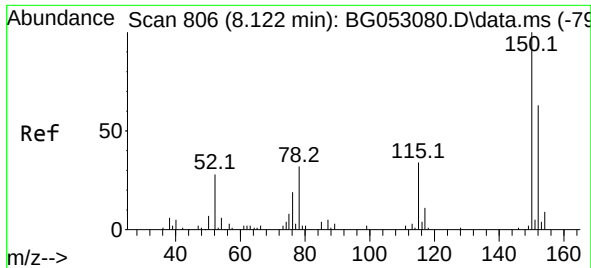
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042522\
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Response via : Initial Calibration

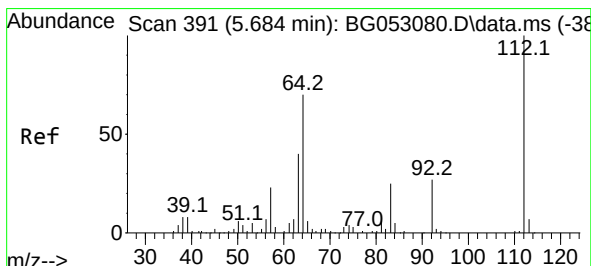
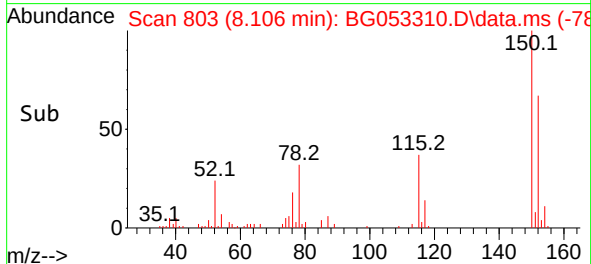
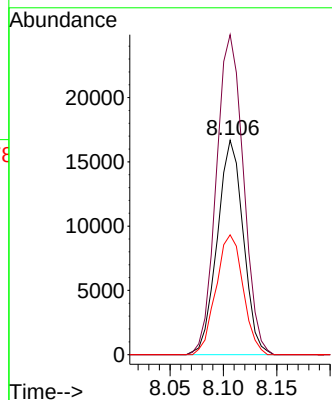
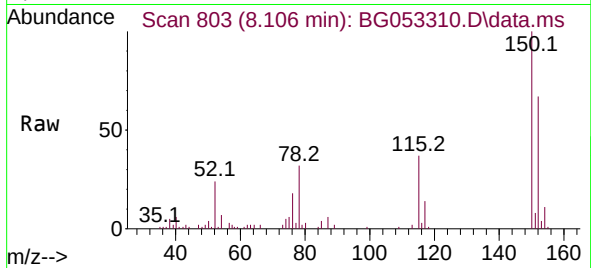




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.106 min Scan# 806
Delta R.T. -0.007 min
Lab File: BG053310.D
Acq: 25 Apr 2022 15:50

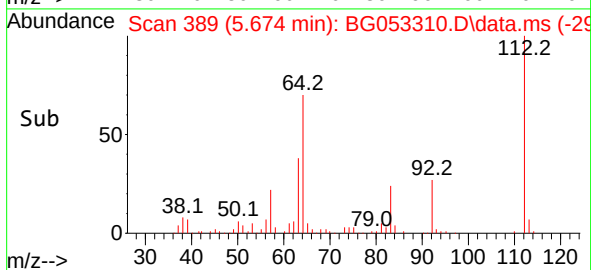
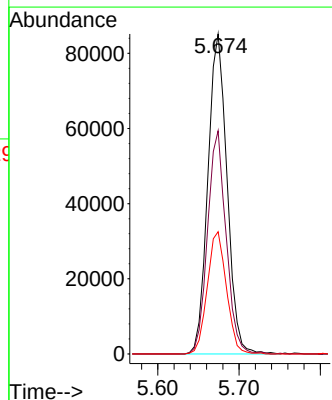
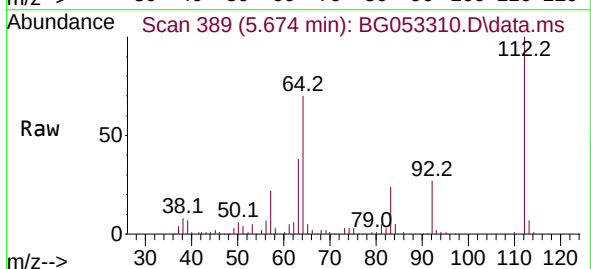
Instrument :
BNA_G
ClientSampleId :
MW-12

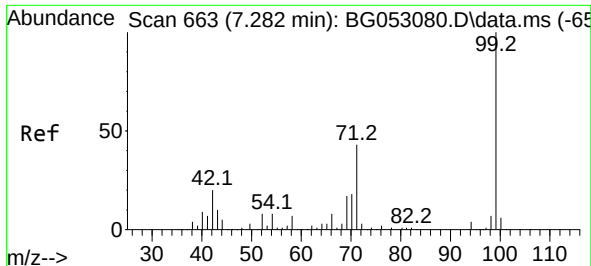
Tgt Ion:152 Resp: 28339
Ion Ratio Lower Upper
152 100
150 149.3 114.6 172.0
115 55.9 45.9 68.9



#5
2-Fluorophenol
Concen: 84.112 ng
RT: 5.674 min Scan# 389
Delta R.T. -0.001 min
Lab File: BG053310.D
Acq: 25 Apr 2022 15:50

Tgt Ion:112 Resp: 139055
Ion Ratio Lower Upper
112 100
64 69.8 48.0 72.0
63 38.2 26.5 39.7

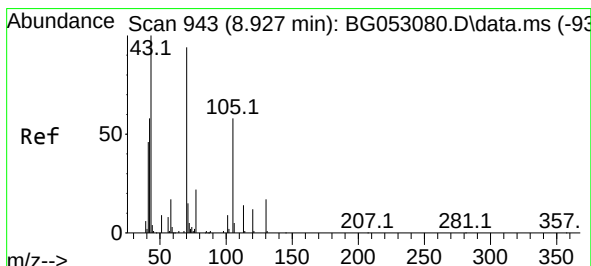
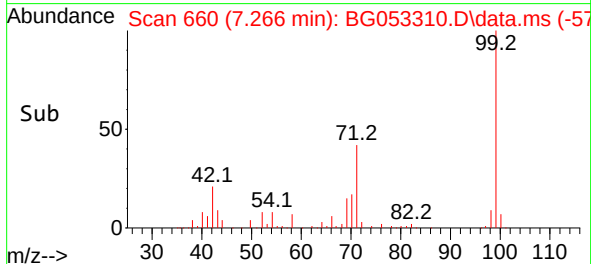
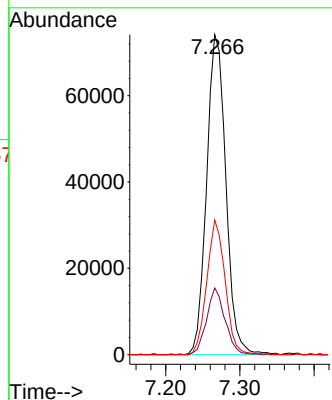
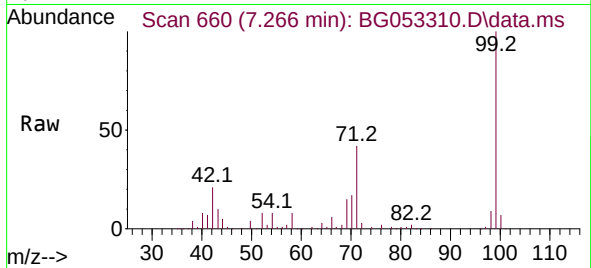




#7
Phenol-d6
Concen: 52.480 ng
RT: 7.266 min Scan# 60
Delta R.T. -0.007 min
Lab File: BG053310.D
Acq: 25 Apr 2022 15:50

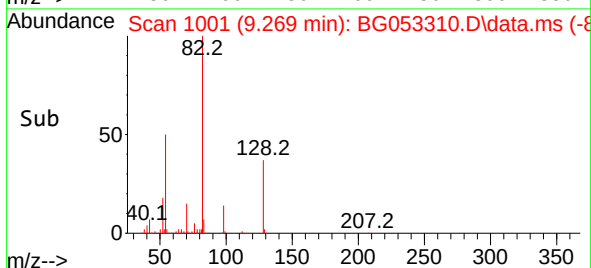
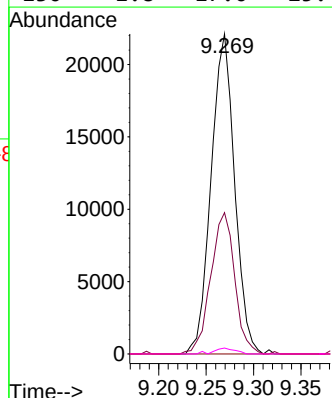
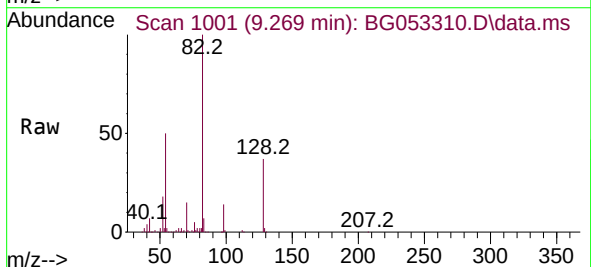
Instrument :
BNA_G
ClientSampleId :
MW-12

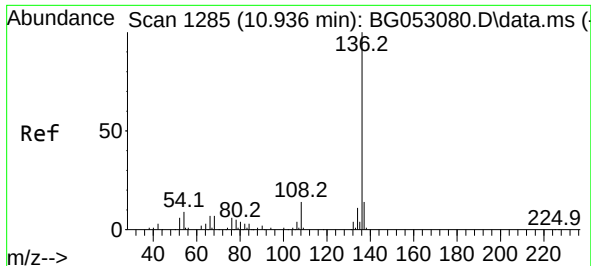
Tgt Ion: 99 Resp: 133793
Ion Ratio Lower Upper
99 100
42 20.9 14.7 22.1
71 42.1 29.2 43.8



#19
n-Nitroso-di-n-propylamine
Concen: 20.444 ng
RT: 9.269 min Scan# 1001
Delta R.T. 0.357 min
Lab File: BG053310.D
Acq: 25 Apr 2022 15:50

Tgt Ion: 70 Resp: 38157
Ion Ratio Lower Upper
70 100
42 44.2 46.0 69.0#
101 0.0 6.2 9.4#
130 1.8 17.0 25.4#

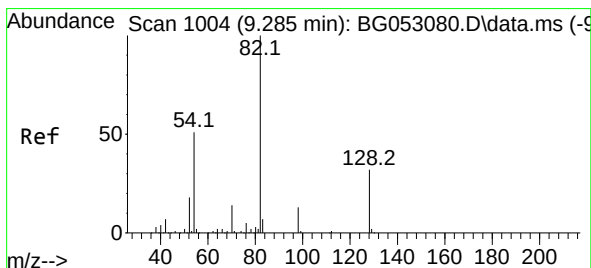
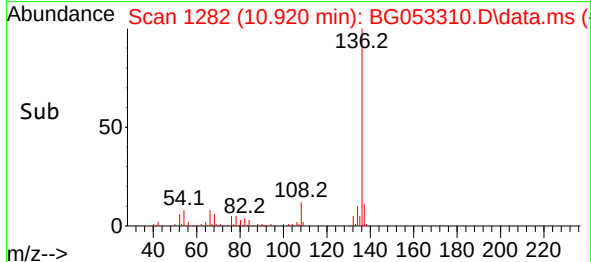
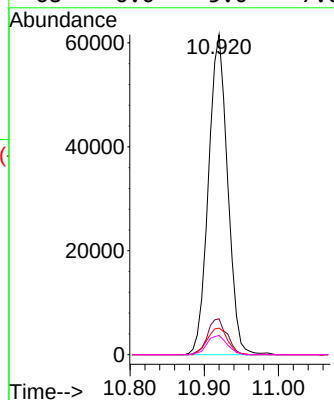
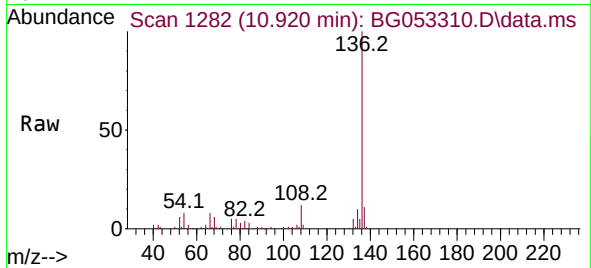




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.920 min Scan# 110
Delta R.T. -0.001 min
Lab File: BG053310.D
Acq: 25 Apr 2022 15:50

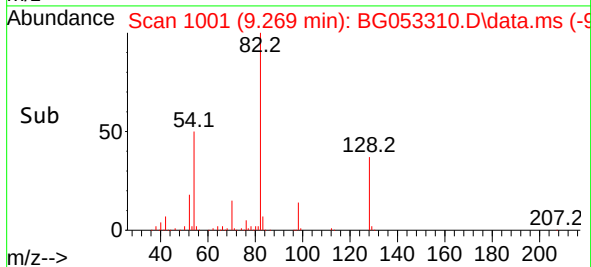
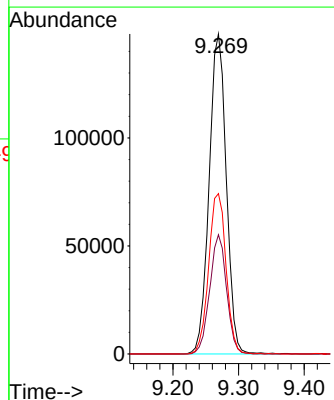
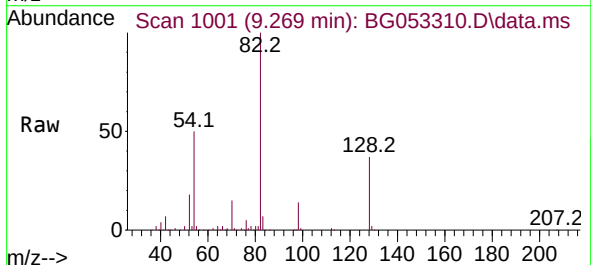
Instrument :
BNA_G
ClientSampleId :
MW-12

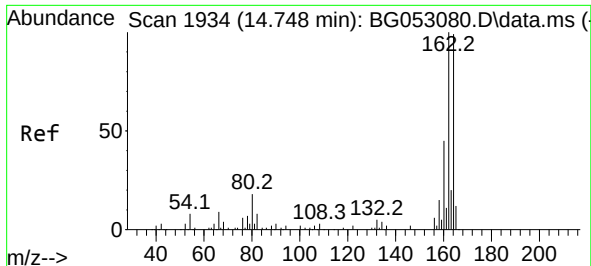
Tgt Ion:136	Resp:	110396
Ion	Ratio	Lower Upper
136	100	
137	11.2	9.4 14.2
54	8.3	6.4 9.6
68	6.0	5.0 7.6



#23
Nitrobenzene-d5
Concen: 98.883 ng
RT: 9.269 min Scan# 1001
Delta R.T. -0.007 min
Lab File: BG053310.D
Acq: 25 Apr 2022 15:50

Tgt Ion: 82	Resp:	268851
Ion	Ratio	Lower Upper
82	100	
128	37.3	31.3 46.9
54	50.1	37.8 56.8

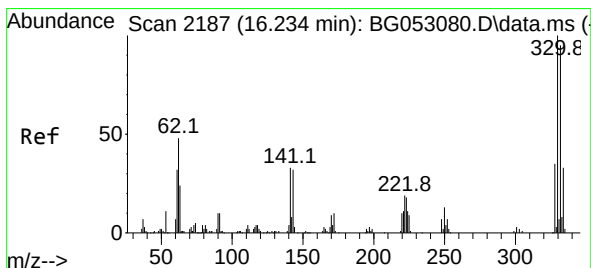
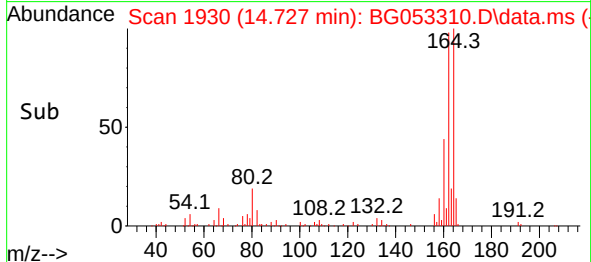
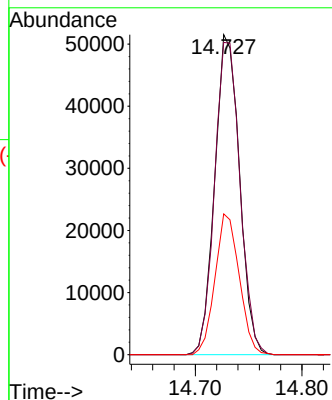
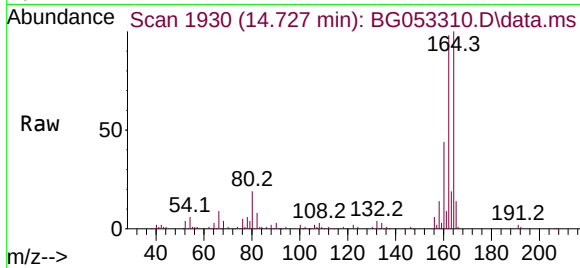




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.727 min Scan# 1930
Delta R.T. -0.007 min
Lab File: BG053310.D
Acq: 25 Apr 2022 15:50

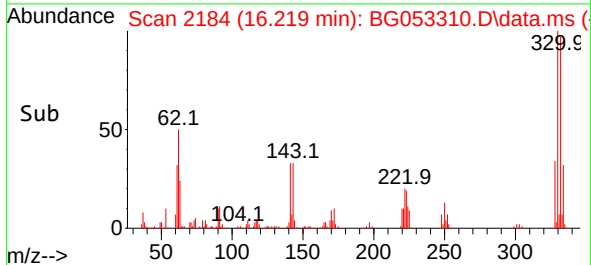
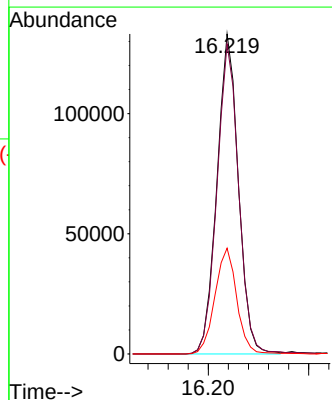
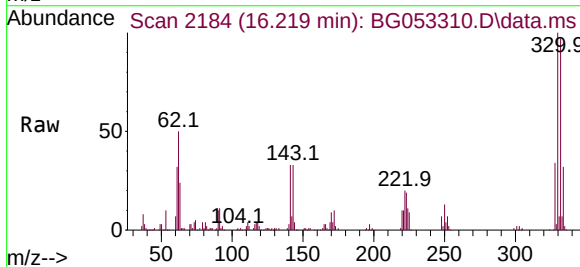
Instrument :
BNA_G
ClientSampleId :
MW-12

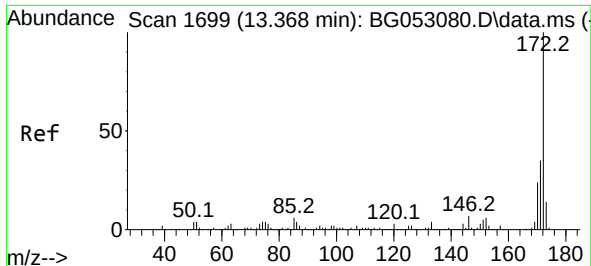
Tgt Ion:164 Resp: 82986
Ion Ratio Lower Upper
164 100
162 97.6 80.0 120.0
160 44.0 38.8 58.2



#42
2,4,6-Tribromophenol
Concen: 149.296 ng
RT: 16.219 min Scan# 2184
Delta R.T. -0.007 min
Lab File: BG053310.D
Acq: 25 Apr 2022 15:50

Tgt Ion:330 Resp: 197111
Ion Ratio Lower Upper
330 100
332 98.3 75.8 113.6
141 33.7 24.6 36.8

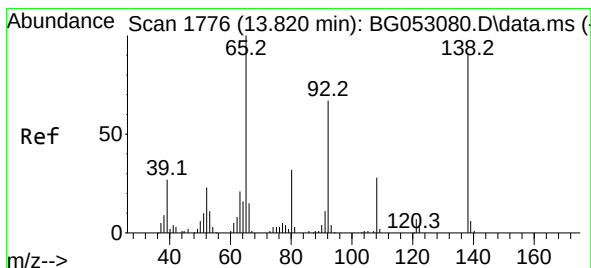
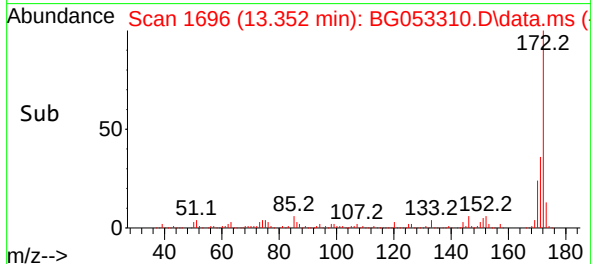
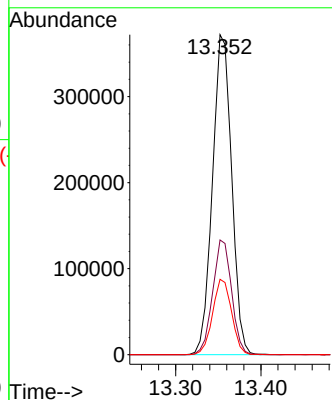
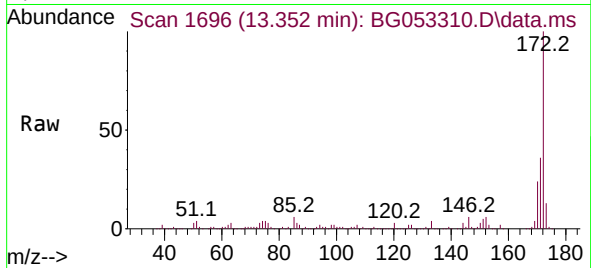




#45
2-Fluorobiphenyl
Concen: 96.636 ng
RT: 13.352 min Scan# 1
Delta R.T. -0.007 min
Lab File: BG053310.D
Acq: 25 Apr 2022 15:50

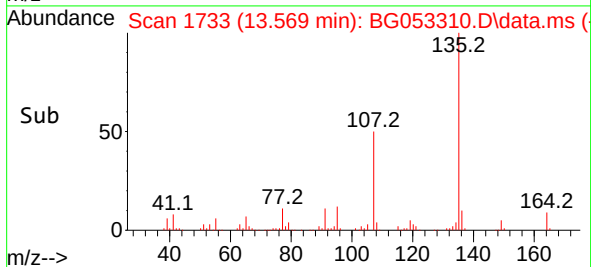
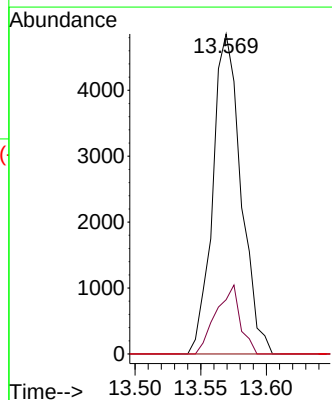
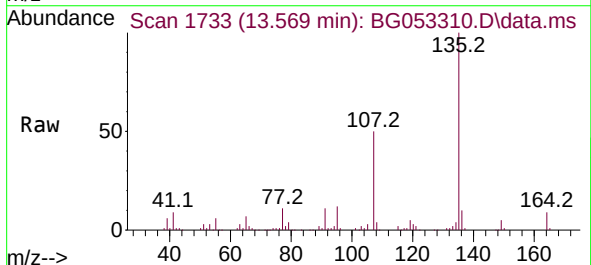
Instrument :
BNA_G
ClientSampleId :
MW-12

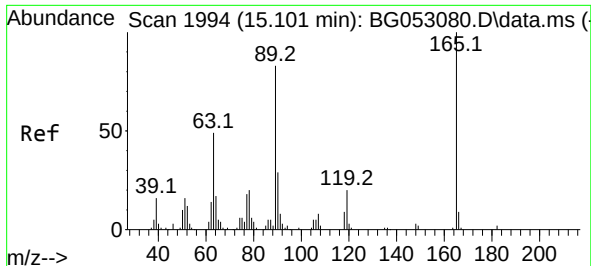
Tgt Ion:172 Resp: 581580
Ion Ratio Lower Upper
172 100
171 35.9 28.3 42.5
170 23.5 18.0 27.0



#48
2-Nitroaniline
Concen: 4.030 ng
RT: 13.569 min Scan# 1733
Delta R.T. -0.242 min
Lab File: BG053310.D
Acq: 25 Apr 2022 15:50

Tgt Ion: 65 Resp: 7291
Ion Ratio Lower Upper
65 100
92 17.0 52.1 78.1#
138 0.0 80.1 120.1#





#57

2,4-Dinitrotoluene

Concen: 5.569 ng

RT: 14.727 min Scan# 1994

Delta R.T. -0.366 min

Lab File: BG053310.D

Acq: 25 Apr 2022 15:50

Instrument :

BNA_G

ClientSampleId :

MW-12

Tgt Ion:165 Resp: 10978

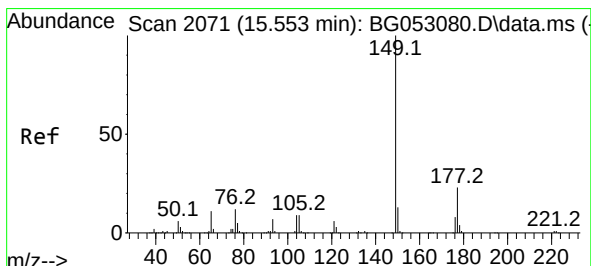
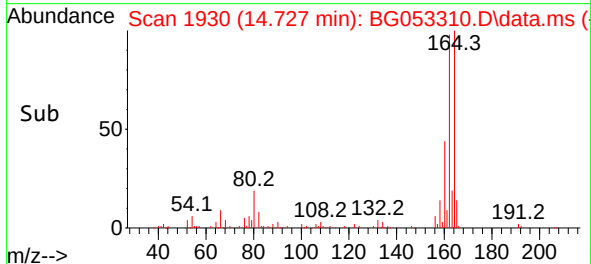
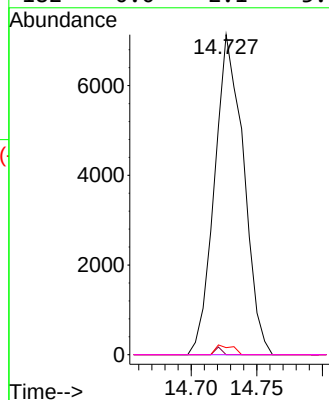
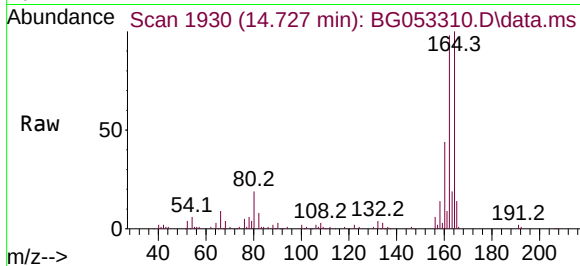
Ion Ratio Lower Upper

165 100

63 0.0 34.8 52.2#

89 2.2 57.4 86.0#

182 0.0 2.1 3.1#



#60

Diethylphthalate

Concen: 2.409 ng

RT: 15.531 min Scan# 2067

Delta R.T. -0.007 min

Lab File: BG053310.D

Acq: 25 Apr 2022 15:50

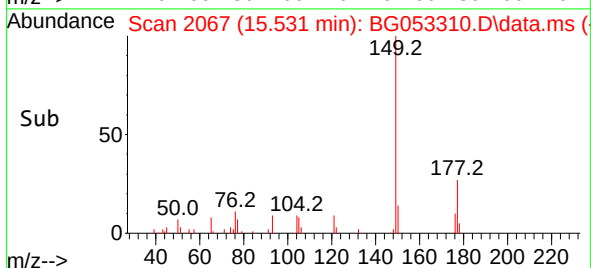
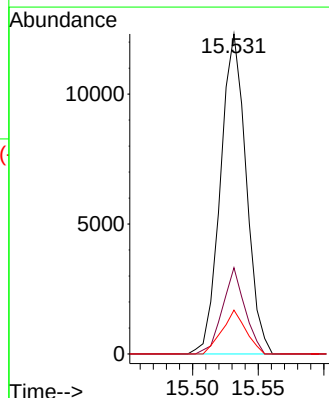
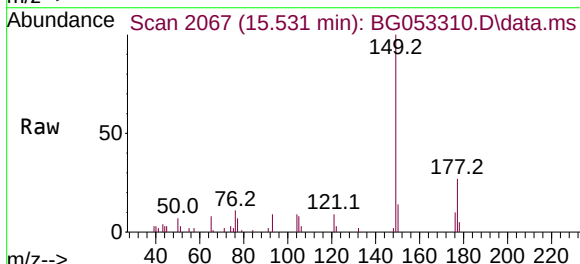
Tgt Ion:149 Resp: 16752

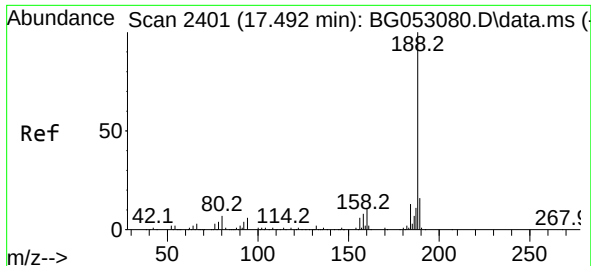
Ion Ratio Lower Upper

149 100

177 27.0 18.2 27.2

150 13.7 9.9 14.9

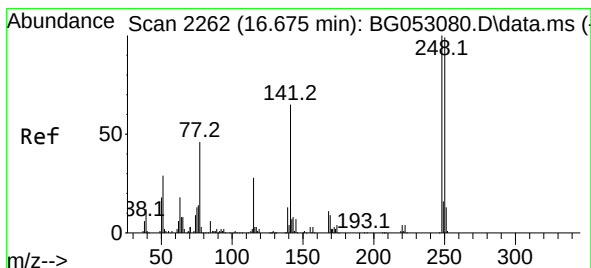
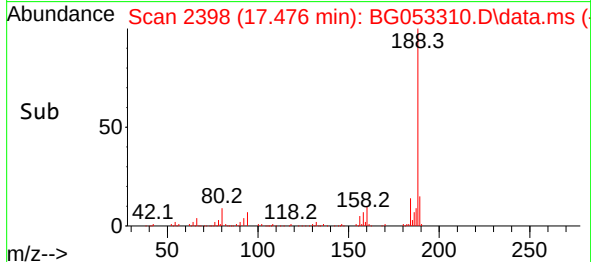
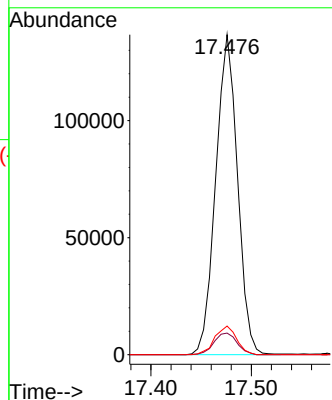
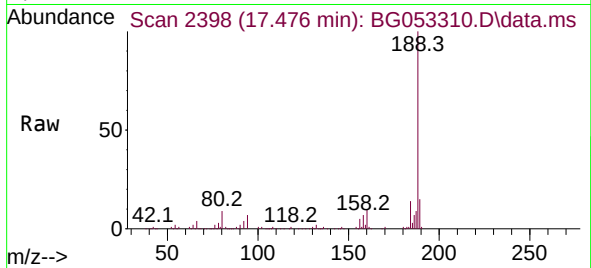




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.476 min Scan# 2184
Delta R.T. -0.007 min
Lab File: BG053310.D
Acq: 25 Apr 2022 15:50

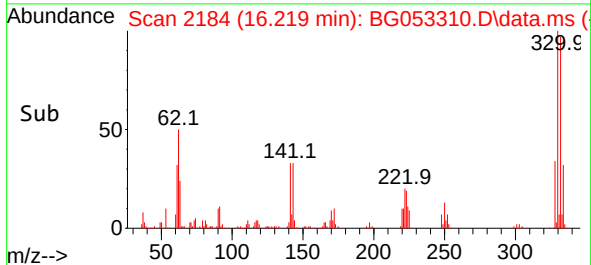
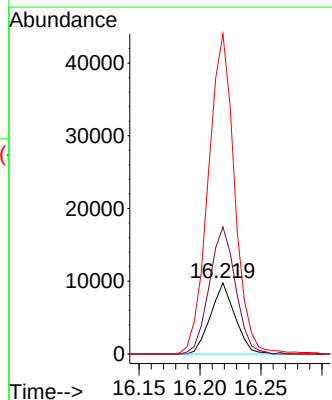
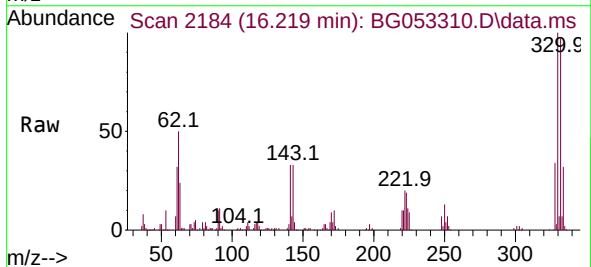
Instrument :
BNA_G
ClientSampleId :
MW-12

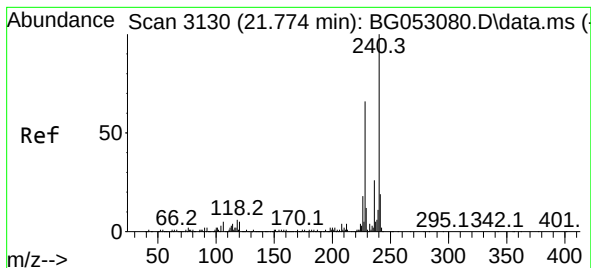
Tgt Ion:188 Resp: 205829
Ion Ratio Lower Upper
188 100
94 6.8 5.7 8.5
80 9.0 7.2 10.8



#67
4-Bromophenyl-phenylether
Concen: 5.160 ng
RT: 16.219 min Scan# 2184
Delta R.T. -0.442 min
Lab File: BG053310.D
Acq: 25 Apr 2022 15:50

Tgt Ion:248 Resp: 13610
Ion Ratio Lower Upper
248 100
250 178.4 77.9 116.9#
141 450.1 49.2 73.8#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.758 min Scan# 31

Delta R.T. -0.007 min

Lab File: BG053310.D

Acq: 25 Apr 2022 15:50

Instrument :

BNA_G

ClientSampleId :

MW-12

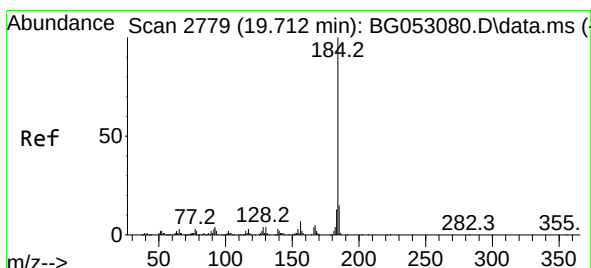
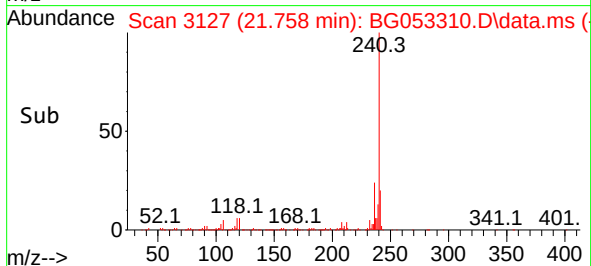
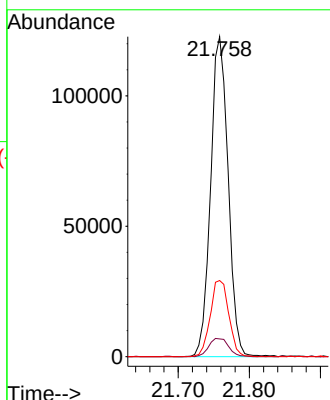
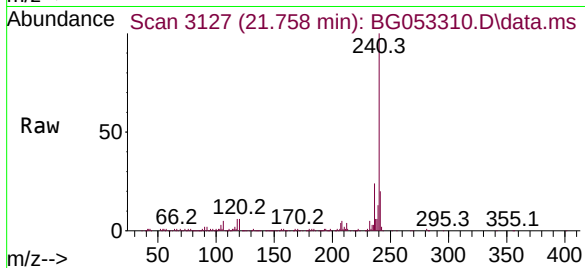
Tgt Ion:240 Resp: 209915

Ion Ratio Lower Upper

240 100

120 5.6 5.4 8.0

236 23.8 19.8 29.6



#77

Benzidine

Concen: 3.418 ng

RT: 20.078 min Scan# 2841

Delta R.T. 0.375 min

Lab File: BG053310.D

Acq: 25 Apr 2022 15:50

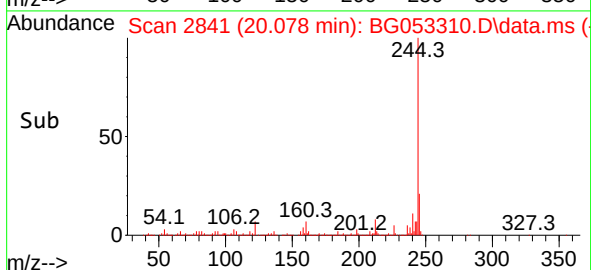
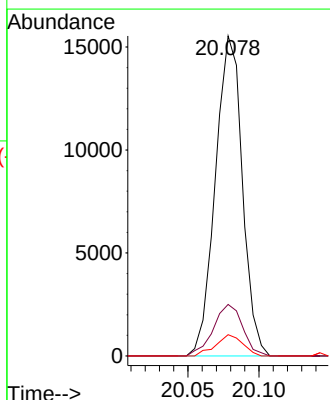
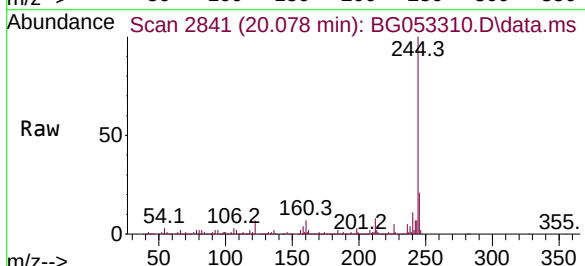
Tgt Ion:184 Resp: 20470

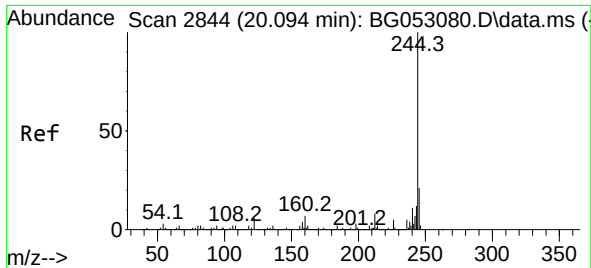
Ion Ratio Lower Upper

184 100

185 16.1 11.5 17.3

183 6.6 9.4 14.2#

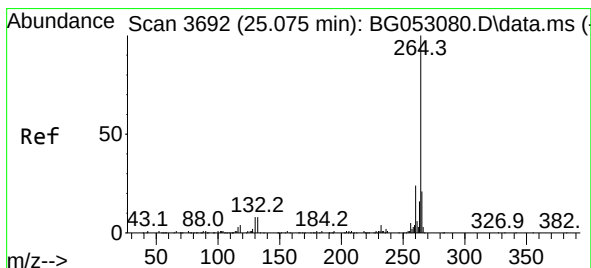
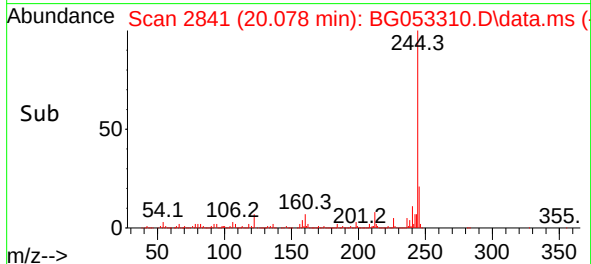
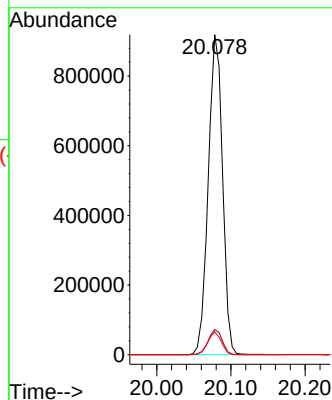
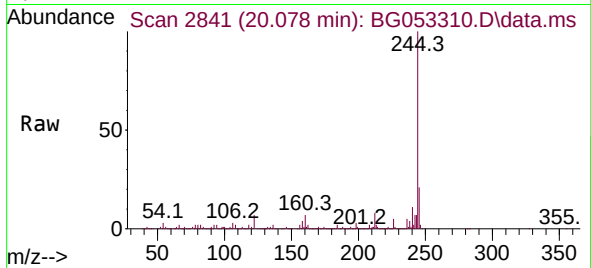




#79
 Terphenyl-d14
 Concen: 98.818 ng
 RT: 20.078 min Scan# 21
 Delta R.T. -0.007 min
 Lab File: BG053310.D
 Acq: 25 Apr 2022 15:50

Instrument :
 BNA_G
 ClientSampleId :
 MW-12

Tgt Ion:244 Resp: 1228221
 Ion Ratio Lower Upper
 244 100
 212 7.9 5.4 8.2
 122 7.2 5.8 8.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.054 min Scan# 3688
 Delta R.T. -0.007 min
 Lab File: BG053310.D
 Acq: 25 Apr 2022 15:50

Tgt Ion:264 Resp: 206280
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.2 27.2
 265 22.2 15.1 22.7

