

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051022\
 Data File : BG053516.D
 Acq On : 10 May 2022 20:14
 Operator : CG/JU
 Sample : N2763-05
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-3-20220509

Quant Time: May 11 06:04:00 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 11 06:00:46 2022
 Response via : Initial Calibration

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

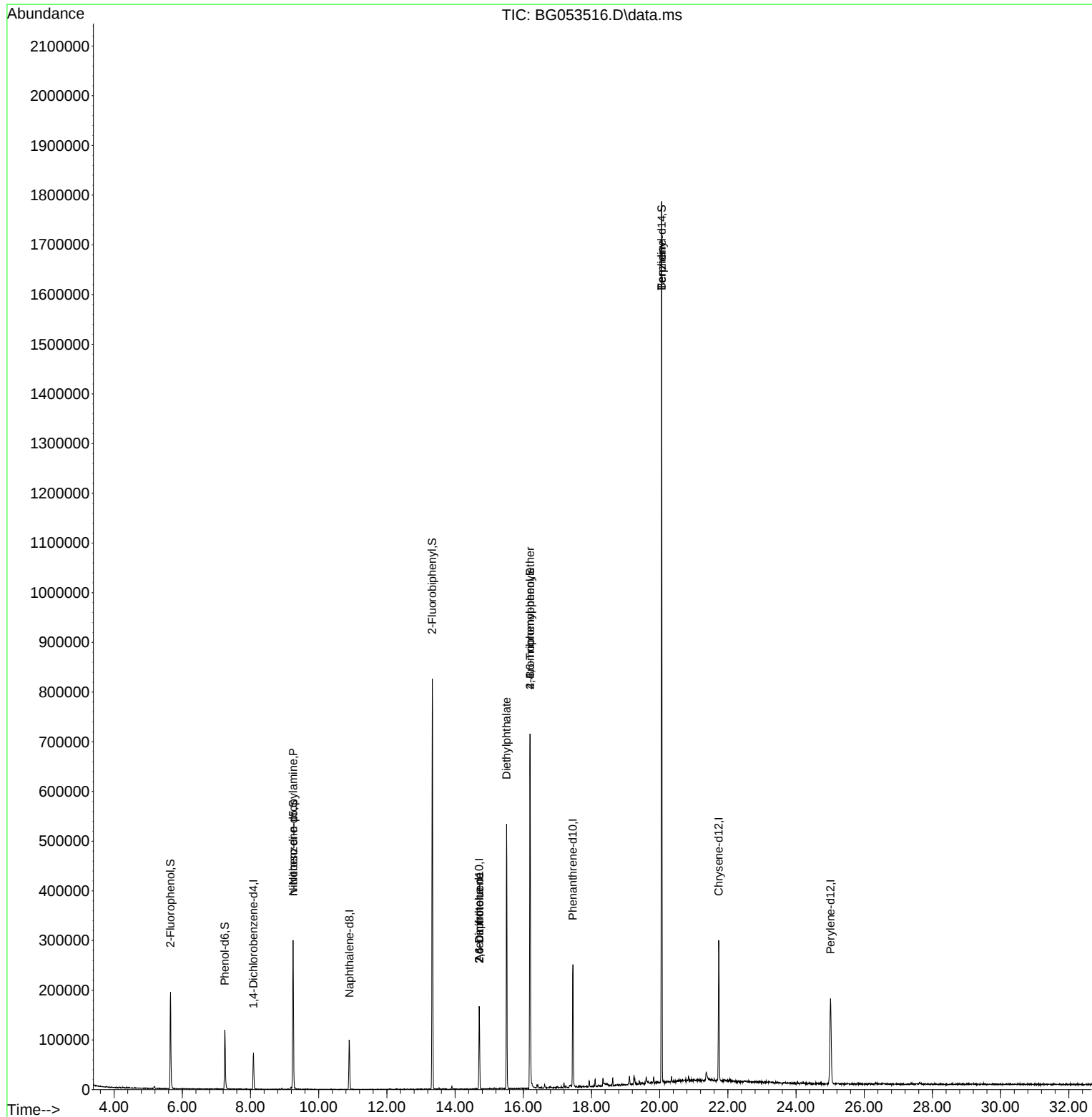
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.087	152	21122	20.000	ng	0.00
21) Naphthalene-d8	10.901	136	83150	20.000	ng	0.00
39) Acenaphthene-d10	14.707	164	61190	20.000	ng	0.00
64) Phenanthrene-d10	17.457	188	156152	20.000	ng	0.00
76) Chrysene-d12	21.733	240	184072	20.000	ng	0.00
86) Perylene-d12	25.011	264	192974	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.655	112	78811	63.324	ng	0.00
7) Phenol-d6	7.247	99	72046	38.143	ng	0.00
23) Nitrobenzene-d5	9.250	82	193383	99.002	ng	0.00
42) 2,4,6-Tribromophenol	16.200	330	143581	159.096	ng	0.00
45) 2-Fluorobiphenyl	13.333	172	431246	102.986	ng	0.00
79) Terphenyl-d14	20.059	244	824141	83.388	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.250	70	27767	20.489	ng	Qvalue
51) 2,6-Dinitrotoluene	14.713	165	7832	8.267	ng	# 75
57) 2,4-Dinitrotoluene	14.713	165	7832	5.704	ng	# 18
60) Diethylphthalate	15.512	149	283051	58.930	ng	# 24
67) 4-Bromophenyl-phenylether	16.200	248	9301	5.100	ng	# 99
77) Benzidine	20.059	184	14362	3.620	ng	# 1

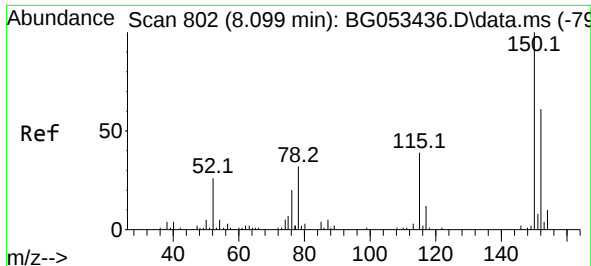
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051022\
Data File : BG053516.D
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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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MW-3-20220509

Quant Time: May 11 06:04:00 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
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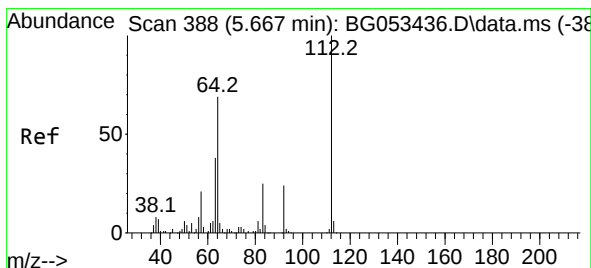
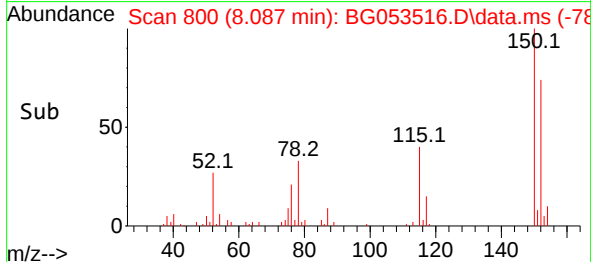
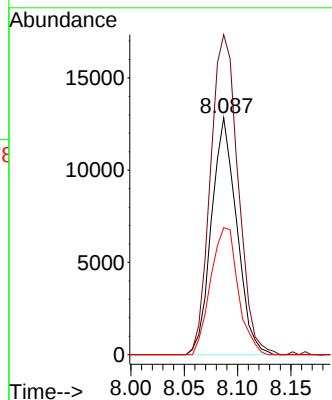
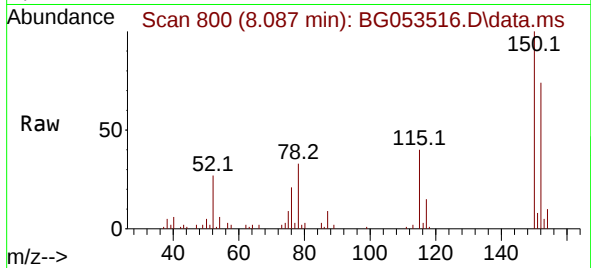




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.087 min Scan# 80
Delta R.T. -0.002 min
Lab File: BG053516.D
Acq: 10 May 2022 20:14

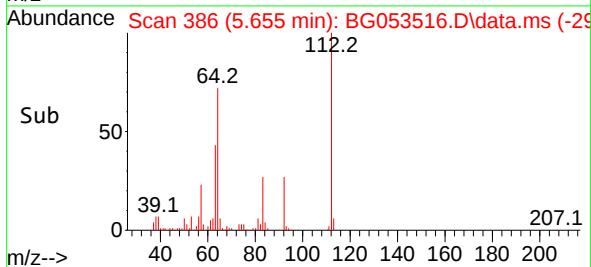
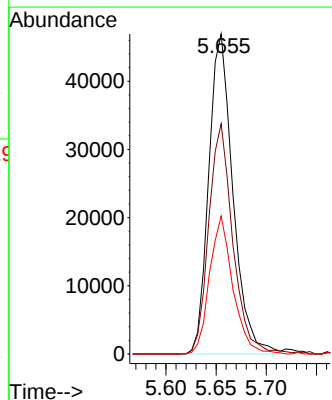
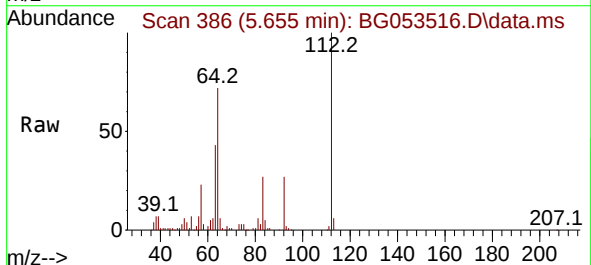
Instrument :
BNA_G
ClientSampleId :
MW-3-20220509

Tgt Ion:152 Resp: 21122
Ion Ratio Lower Upper
152 100
150 135.0 131.6 197.4
115 53.6 50.9 76.3



#5
2-Fluorophenol
Concen: 63.324 ng
RT: 5.655 min Scan# 386
Delta R.T. 0.003 min
Lab File: BG053516.D
Acq: 10 May 2022 20:14

Tgt Ion:112 Resp: 78811
Ion Ratio Lower Upper
112 100
64 71.9 55.1 82.7
63 43.1 30.4 45.6

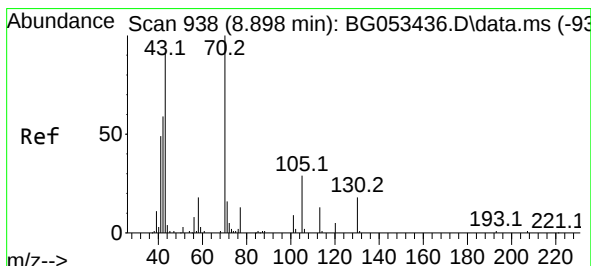
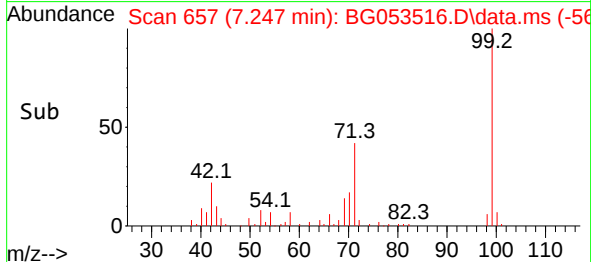
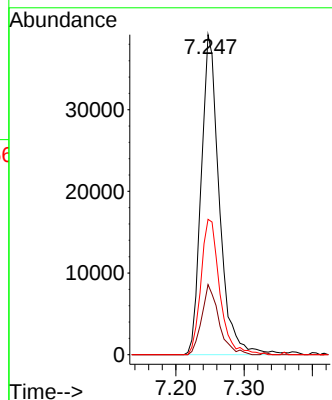
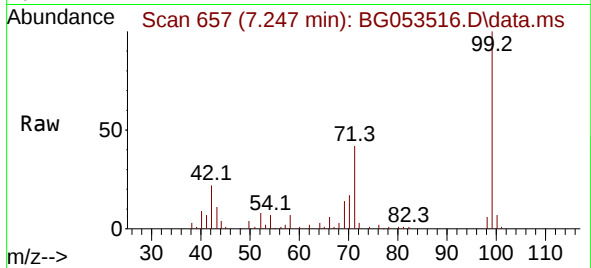




#7
Phenol-d6
Concen: 38.143 ng
RT: 7.247 min Scan# 61
Delta R.T. -0.002 min
Lab File: BG053516.D
Acq: 10 May 2022 20:14

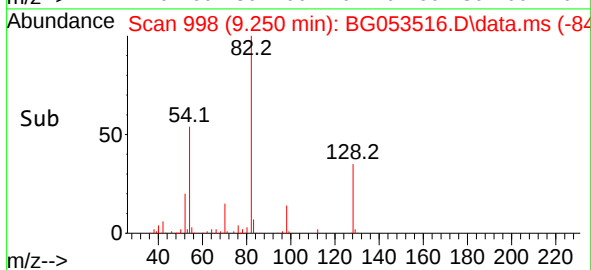
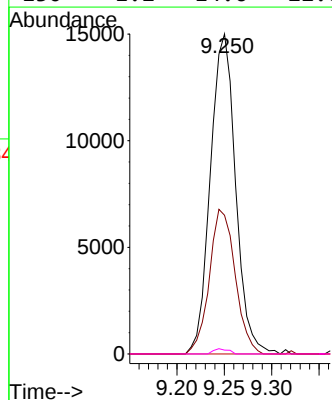
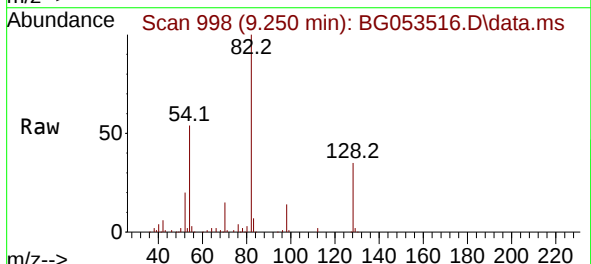
Instrument :
BNA_G
ClientSampleId :
MW-3-20220509

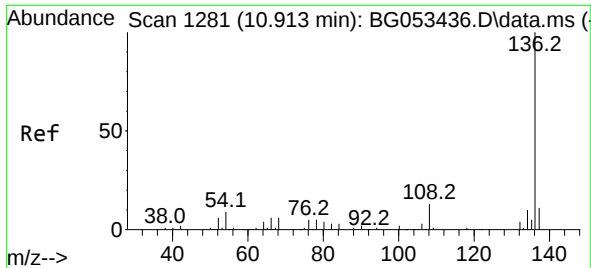
Tgt Ion: 99 Resp: 72046
Ion Ratio Lower Upper
99 100
42 21.9 17.0 25.6
71 42.3 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 20.489 ng
RT: 9.250 min Scan# 998
Delta R.T. 0.362 min
Lab File: BG053516.D
Acq: 10 May 2022 20:14

Tgt Ion: 70 Resp: 27767
Ion Ratio Lower Upper
70 100
42 43.4 47.3 70.9#
101 0.0 7.0 10.4#
130 1.2 14.6 22.0#

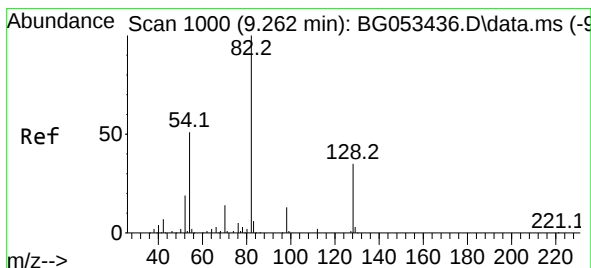
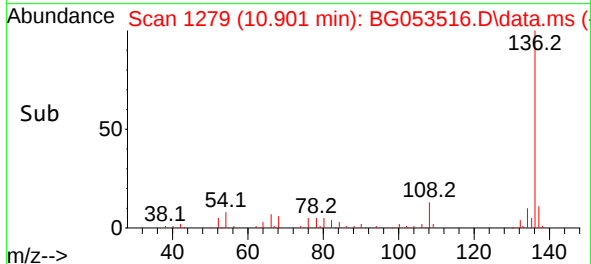
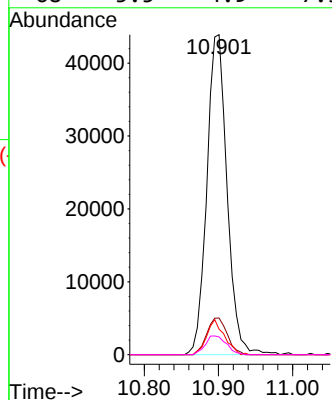
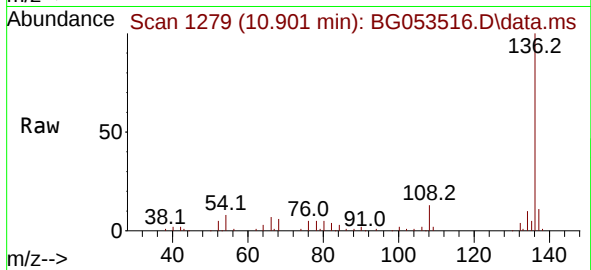




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.901 min Scan# 11
Delta R.T. 0.003 min
Lab File: BG053516.D
Acq: 10 May 2022 20:14

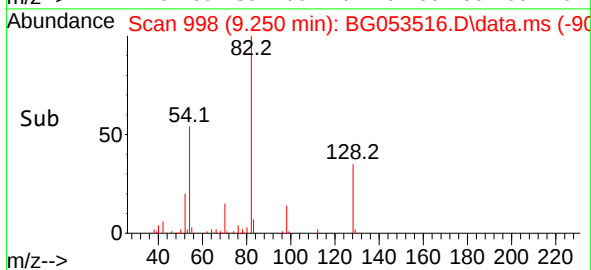
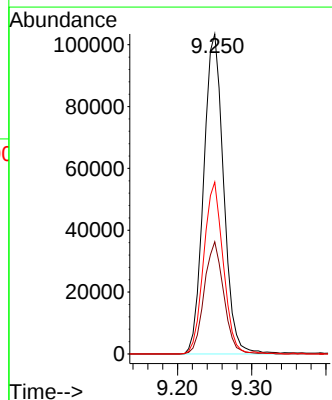
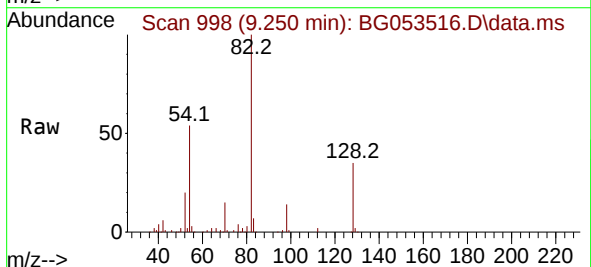
Instrument :
BNA_G
ClientSampleId :
MW-3-20220509

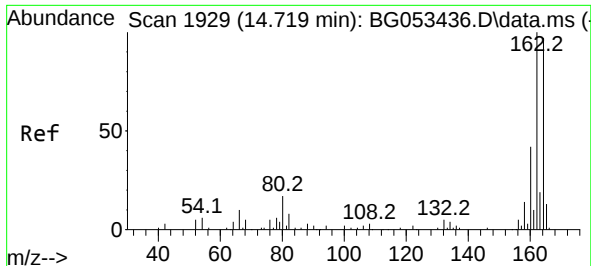
Tgt Ion:136	Resp:	83150
Ion Ratio	Lower	Upper
136	100	
137	11.5	8.5 12.7
54	7.9	7.4 11.2
68	5.5	4.9 7.3



#23
Nitrobenzene-d5
Concen: 99.002 ng
RT: 9.250 min Scan# 998
Delta R.T. -0.002 min
Lab File: BG053516.D
Acq: 10 May 2022 20:14

Tgt Ion: 82	Resp:	193383
Ion Ratio	Lower	Upper
82	100	
128	35.1	27.9 41.9
54	53.7	41.2 61.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.707 min Scan# 1929

Delta R.T. -0.008 min

Lab File: BG053516.D

Acq: 10 May 2022 20:14

Instrument :

BNA_G

ClientSampleId :

MW-3-20220509

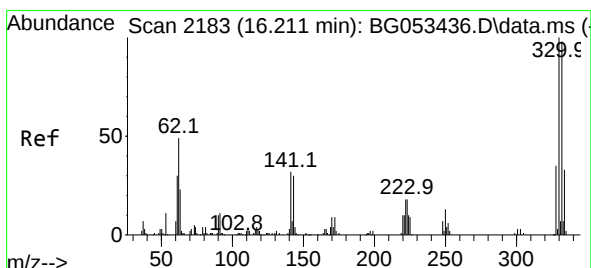
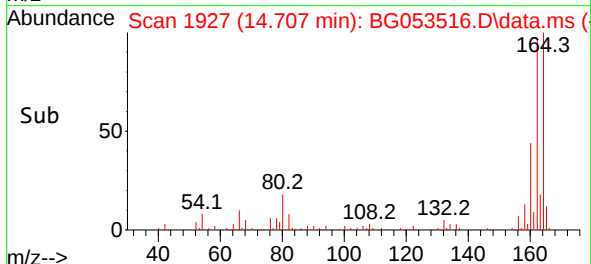
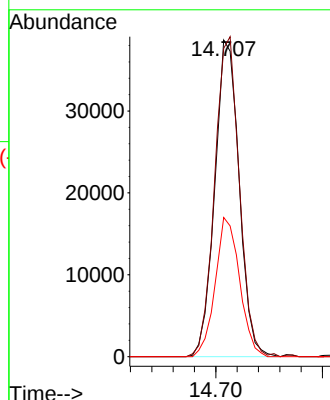
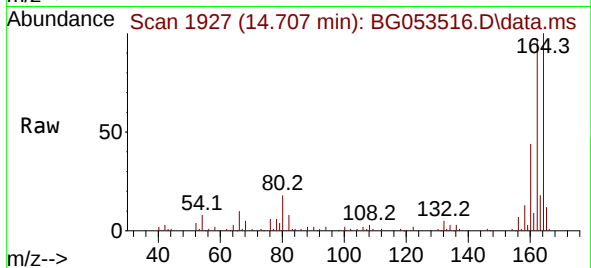
Tgt Ion:164 Resp: 61190

Ion Ratio Lower Upper

164 100

162 97.4 82.3 123.5

160 44.0 34.2 51.2



#42

2,4,6-Tribromophenol

Concen: 159.096 ng

RT: 16.200 min Scan# 2181

Delta R.T. -0.002 min

Lab File: BG053516.D

Acq: 10 May 2022 20:14

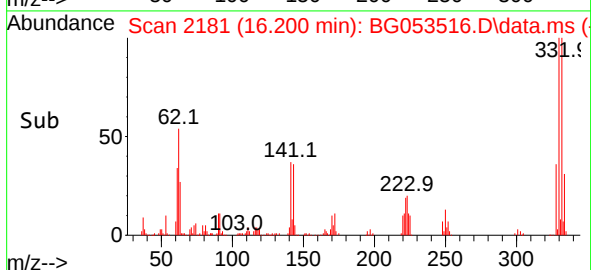
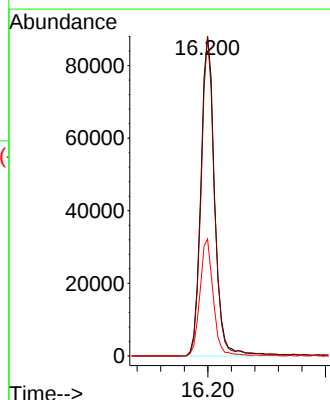
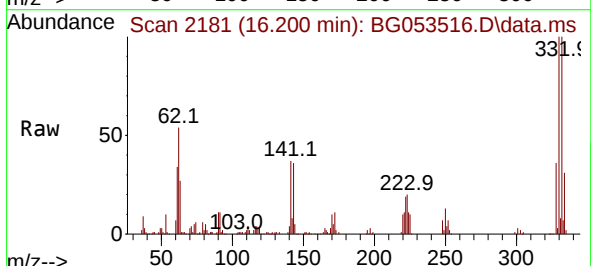
Tgt Ion:330 Resp: 143581

Ion Ratio Lower Upper

330 100

332 96.0 76.0 114.0

141 35.2 27.1 40.7

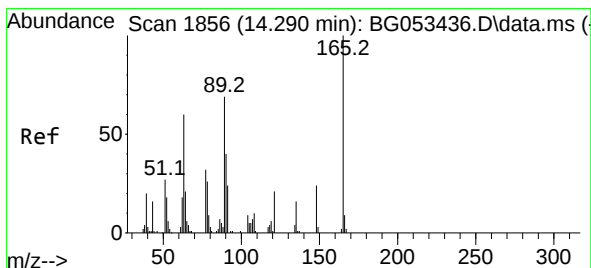
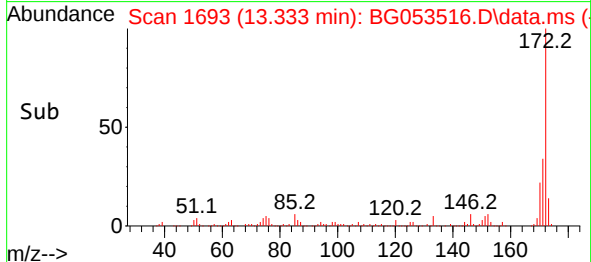
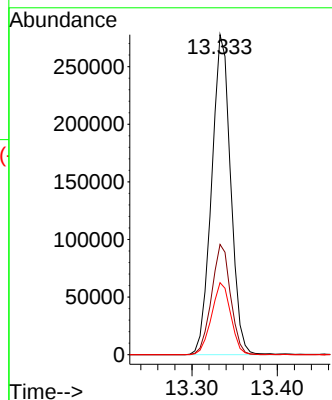
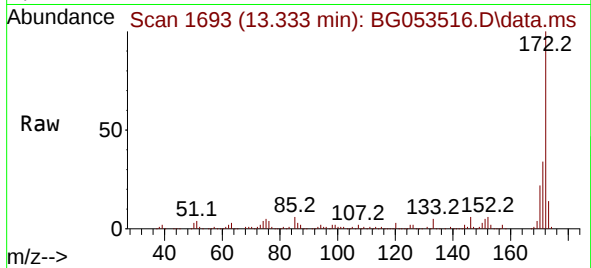




#45
2-Fluorobiphenyl
Concen: 102.986 ng
RT: 13.333 min Scan# 1
Delta R.T. -0.002 min
Lab File: BG053516.D
Acq: 10 May 2022 20:14

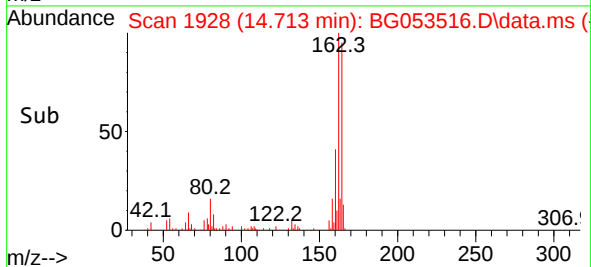
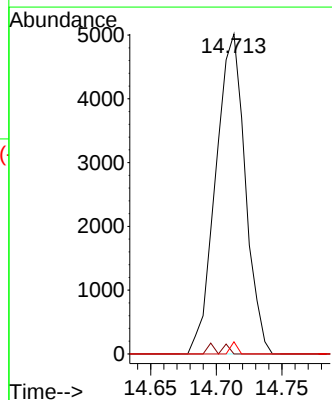
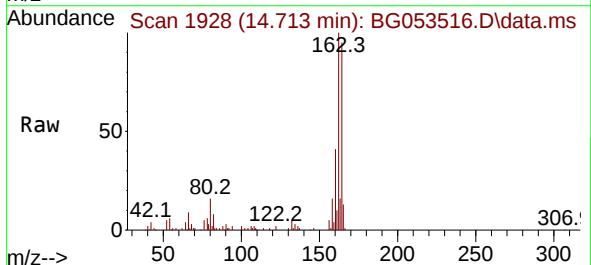
Instrument :
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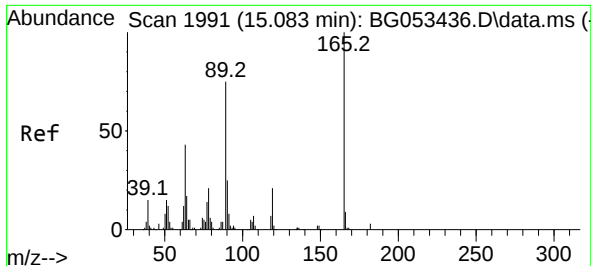
Tgt Ion:172 Resp: 431246
Ion Ratio Lower Upper
172 100
171 34.5 28.5 42.7
170 22.5 18.9 28.3



#51
2,6-Dinitrotoluene
Concen: 8.267 ng
RT: 14.713 min Scan# 1928
Delta R.T. 0.432 min
Lab File: BG053516.D
Acq: 10 May 2022 20:14

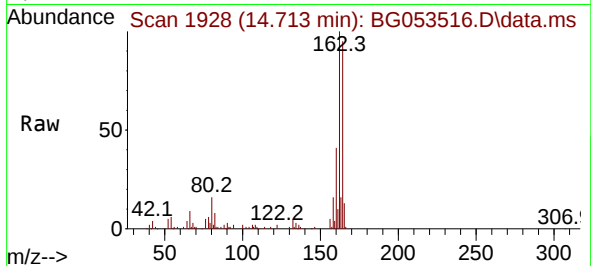
Tgt Ion:165 Resp: 7832
Ion Ratio Lower Upper
165 100
63 0.0 54.1 81.1#
89 3.8 54.8 82.2#



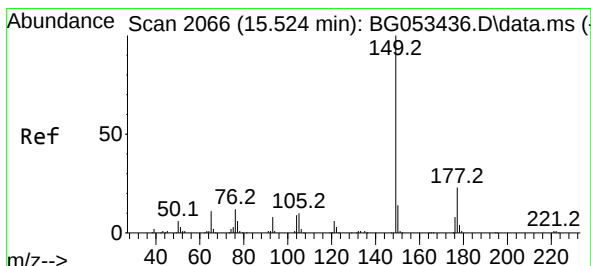
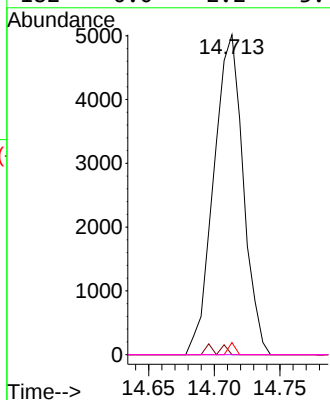
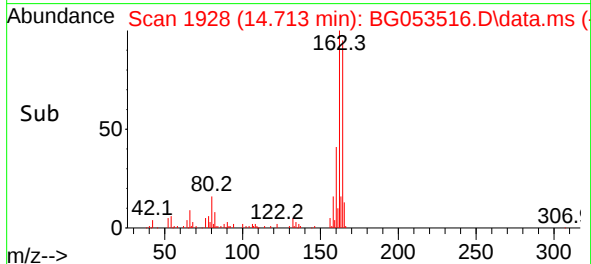


#57
2,4-Dinitrotoluene
Concen: 5.704 ng
RT: 14.713 min Scan# 1928
Delta R.T. -0.361 min
Lab File: BG053516.D
Acq: 10 May 2022 20:14

Instrument :
BNA_G
ClientSampleId :
MW-3-20220509

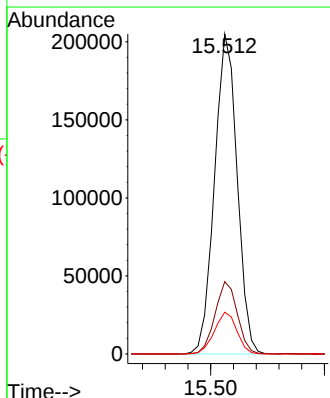
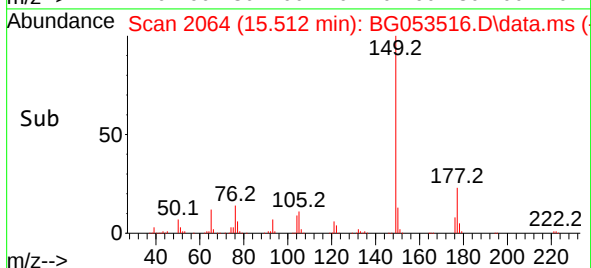
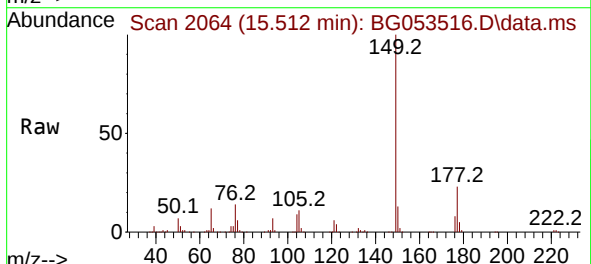


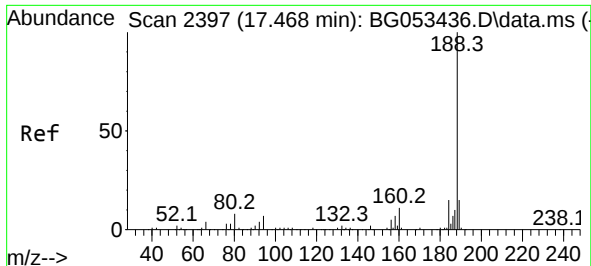
Tgt Ion:	165	Resp:	7832
Ion Ratio	Lower	Upper	
165	100		
63	0.0	34.6	52.0#
89	3.8	60.3	90.5#
182	0.0	2.2	3.4#



#60
Diethylphthalate
Concen: 58.930 ng
RT: 15.512 min Scan# 2064
Delta R.T. -0.008 min
Lab File: BG053516.D
Acq: 10 May 2022 20:14

Tgt Ion:	149	Resp:	283051
Ion Ratio	Lower	Upper	
149	100		
177	22.6	18.4	27.6
150	13.0	11.2	16.8

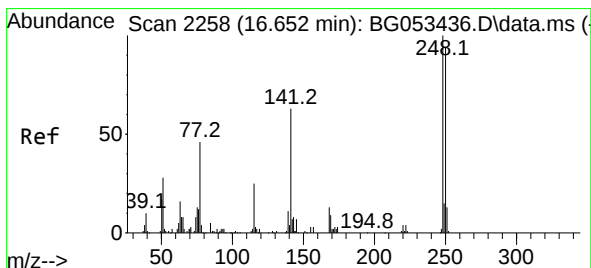
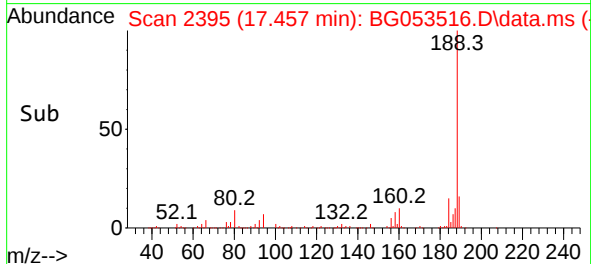
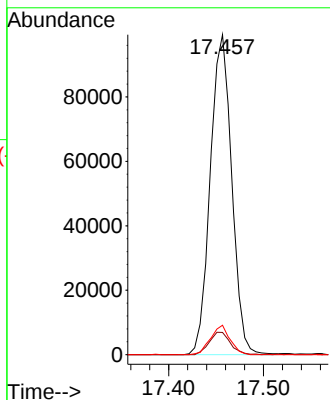
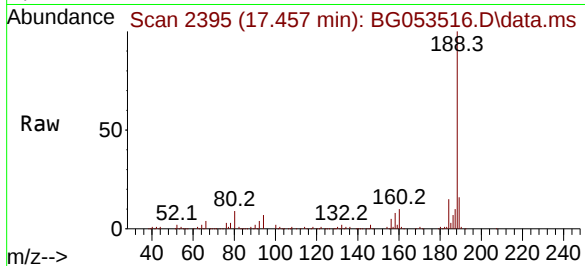




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.457 min Scan# 2181
Delta R.T. -0.002 min
Lab File: BG053516.D
Acq: 10 May 2022 20:14

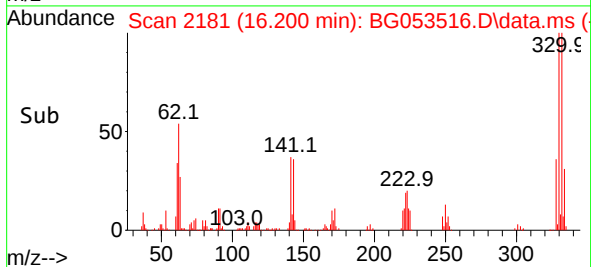
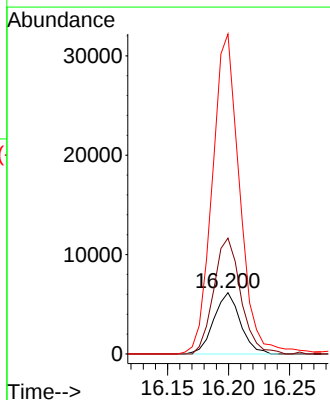
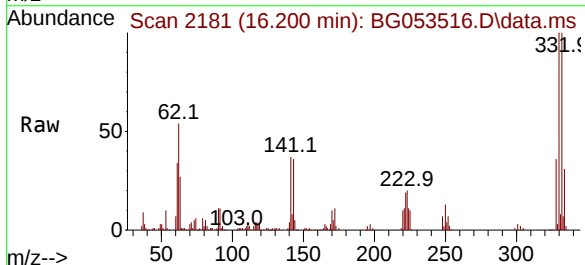
Instrument :
BNA_G
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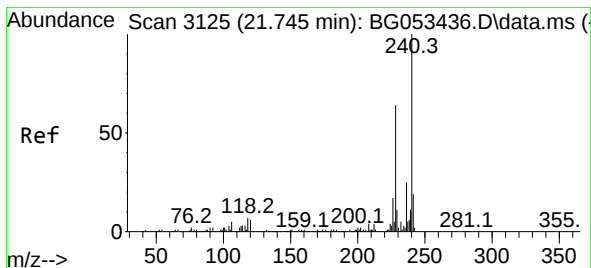
Tgt Ion:188 Resp: 156152
Ion Ratio Lower Upper
188 100
94 7.0 5.4 8.0
80 9.2 6.8 10.2



#67
4-Bromophenyl-phenylether
Concen: 5.100 ng
RT: 16.200 min Scan# 2181
Delta R.T. -0.443 min
Lab File: BG053516.D
Acq: 10 May 2022 20:14

Tgt Ion:248 Resp: 9301
Ion Ratio Lower Upper
248 100
250 189.1 75.2 112.8#
141 522.7 50.0 75.0#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.733 min Scan# 31

Delta R.T. -0.008 min

Lab File: BG053516.D

Acq: 10 May 2022 20:14

Instrument :

BNA_G

ClientSampleId :

MW-3-20220509

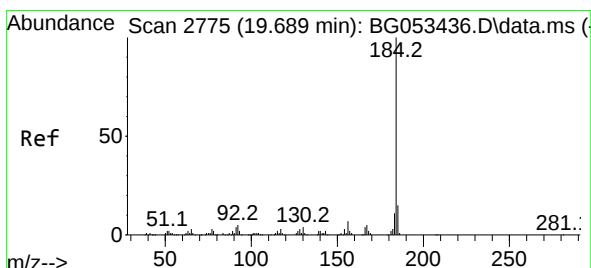
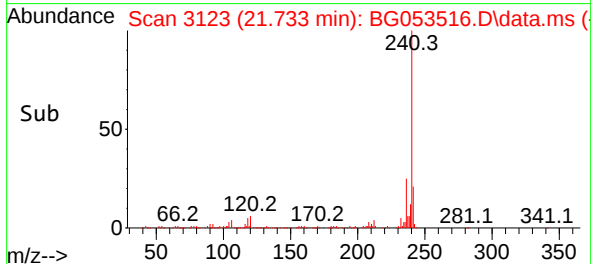
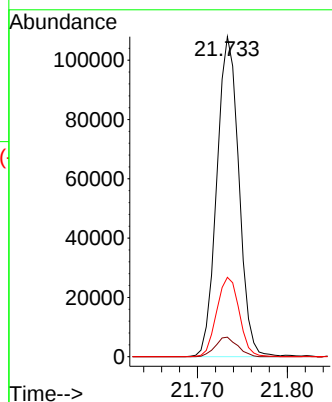
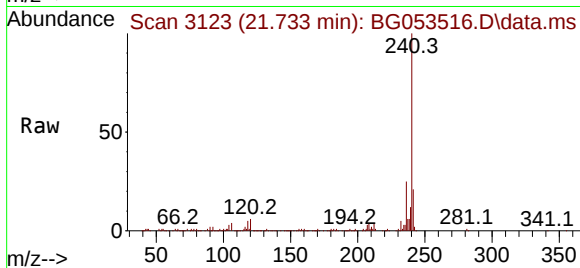
Tgt Ion:240 Resp: 184072

Ion Ratio Lower Upper

240 100

120 6.1 4.6 7.0

236 24.8 20.2 30.4



#77

Benzidine

Concen: 3.620 ng

RT: 20.059 min Scan# 2838

Delta R.T. 0.379 min

Lab File: BG053516.D

Acq: 10 May 2022 20:14

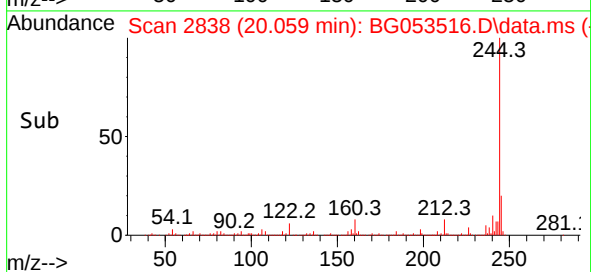
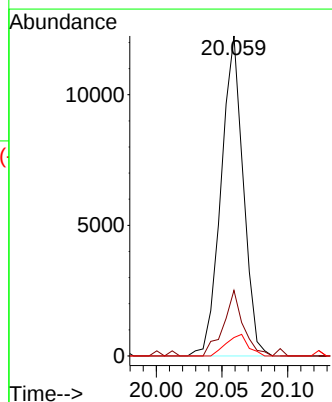
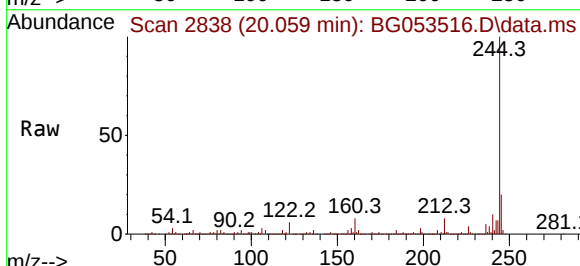
Tgt Ion:184 Resp: 14362

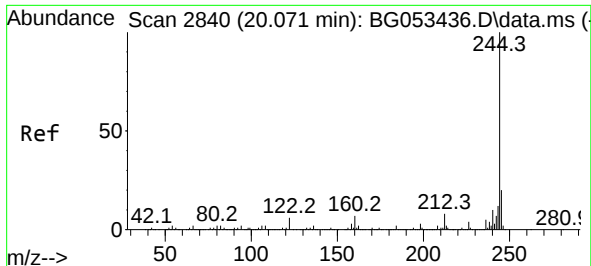
Ion Ratio Lower Upper

184 100

185 20.5 11.8 17.6#

183 5.8 8.9 13.3#

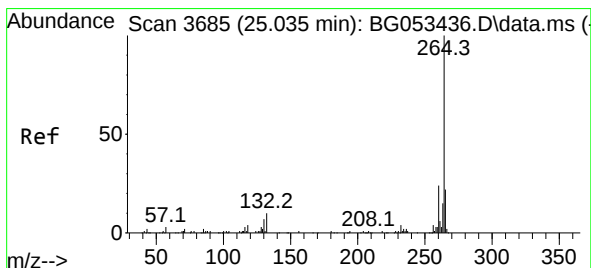
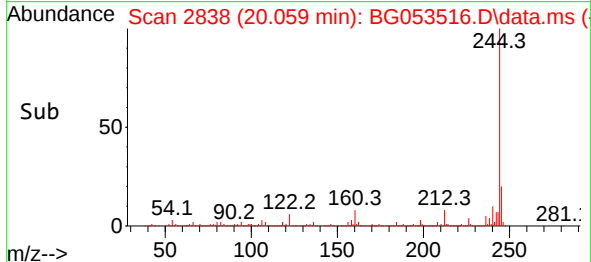
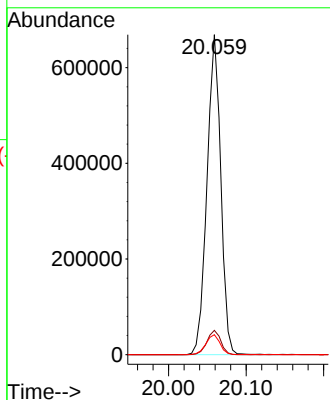
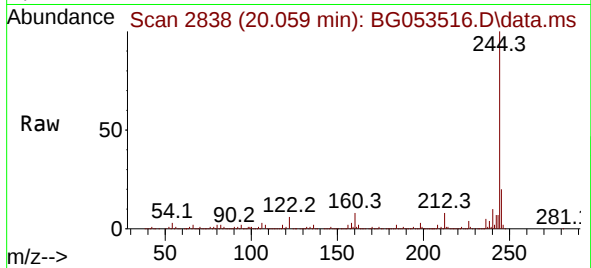




#79
 Terphenyl-d14
 Concen: 83.388 ng
 RT: 20.059 min Scan# 21
 Delta R.T. -0.002 min
 Lab File: BG053516.D
 Acq: 10 May 2022 20:14

Instrument :
 BNA_G
 ClientSampleId :
 MW-3-20220509

Tgt Ion:244 Resp: 824141
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.5 9.7
 122 6.3 5.0 7.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.011 min Scan# 3681
 Delta R.T. -0.008 min
 Lab File: BG053516.D
 Acq: 10 May 2022 20:14

Tgt Ion:264 Resp: 192974
 Ion Ratio Lower Upper
 264 100
 260 22.7 19.0 28.6
 265 20.6 17.4 26.2

