

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042722\
 Data File : BG053349.D
 Acq On : 27 Apr 2022 16:10
 Operator : CG/JU
 Sample : N2481-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-26R

Quant Time: Apr 28 06:41:03 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)

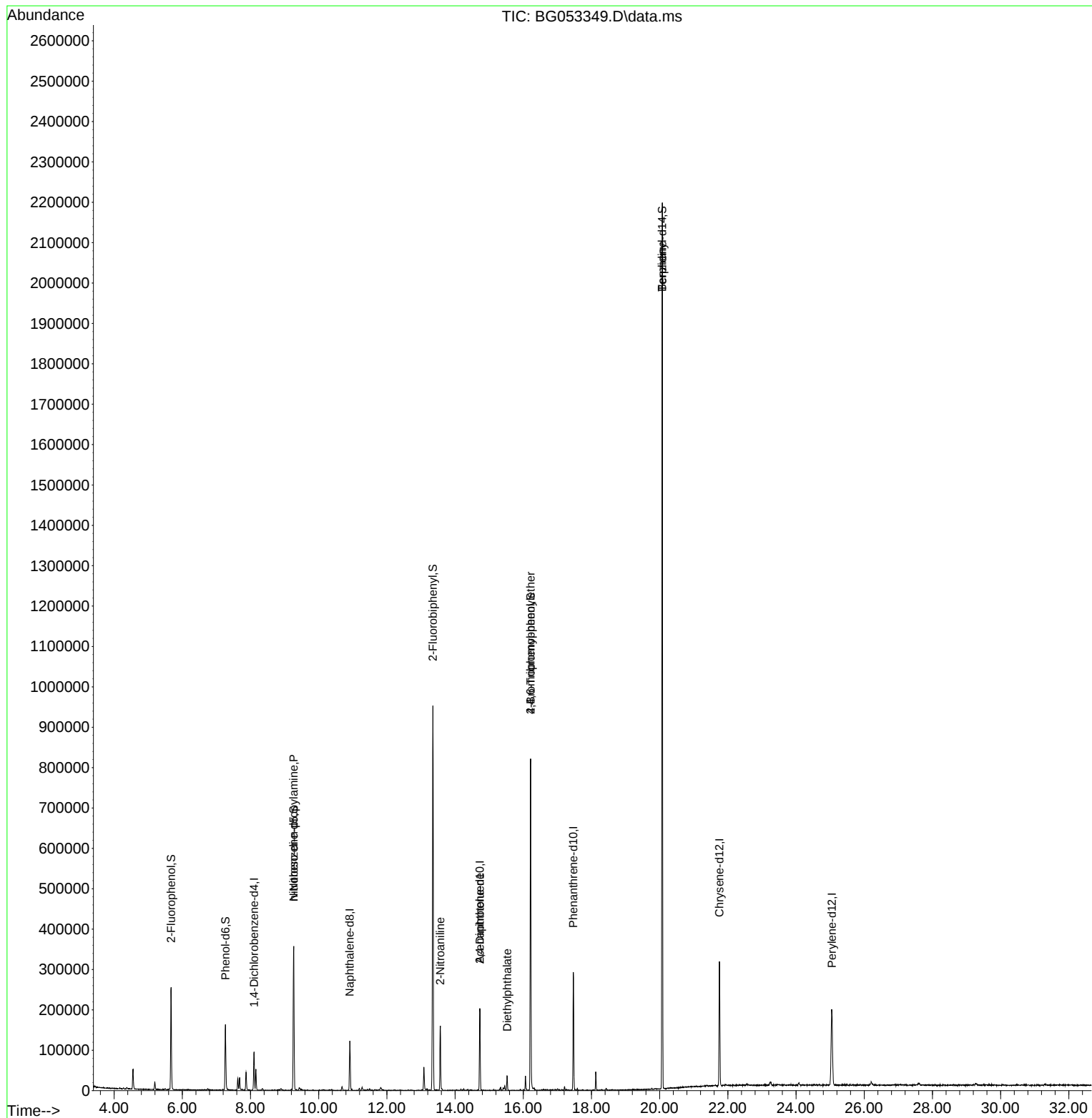
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.105	152	26252	20.000	ng	0.00
21) Naphthalene-d8	10.913	136	99500	20.000	ng	# 0.00
39) Acenaphthene-d10	14.725	164	71616	20.000	ng	0.00
64) Phenanthrene-d10	17.469	188	186804	20.000	ng	-0.01
76) Chrysene-d12	21.751	240	210805	20.000	ng	-0.01
86) Perylene-d12	25.053	264	206735	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.673	112	107668	70.304	ng	0.00
7) Phenol-d6	7.265	99	93319	39.514	ng	0.00
23) Nitrobenzene-d5	9.268	82	233085	95.116	ng	0.00
42) 2,4,6-Tribromophenol	16.217	330	169143	148.452	ng	0.00
45) 2-Fluorobiphenyl	13.351	172	503144	96.876	ng	0.00
79) Terphenyl-d14	20.077	244	1106600	88.657	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.268	70	31969	18.490	ng	# 76
48) 2-Nitroaniline	13.562	65	5218	3.342	ng	# 16
57) 2,4-Dinitrotoluene	14.725	165	8964	5.269	ng	# 28
60) Diethylphthalate	15.530	149	20187	3.364	ng	95
67) 4-Bromophenyl-phenylether	16.217	248	10832	4.525	ng	# 1
77) Benzidine	20.077	184	18538	3.082	ng	# 93

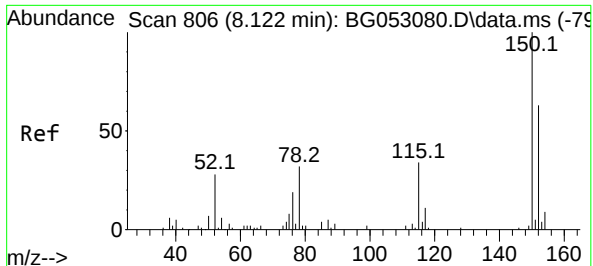
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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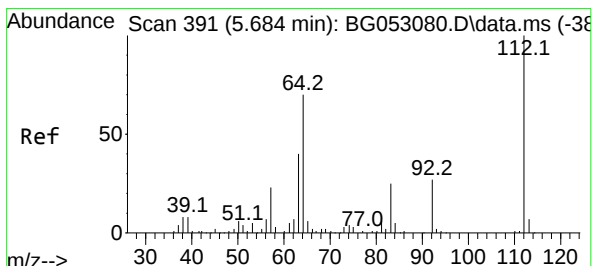
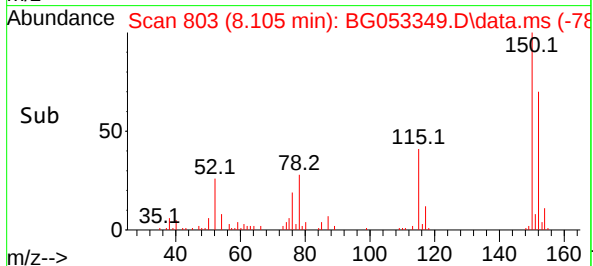
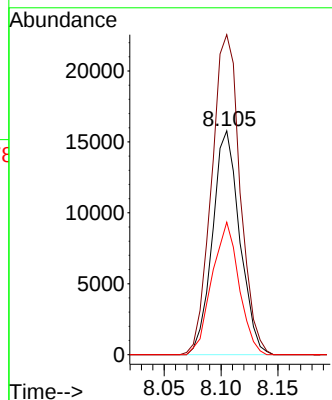
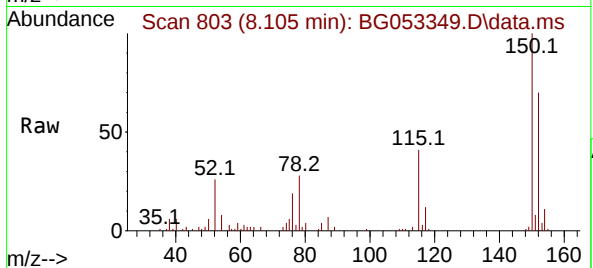




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.105 min Scan# 80
Delta R.T. -0.008 min
Lab File: BG053349.D
Acq: 27 Apr 2022 16:10

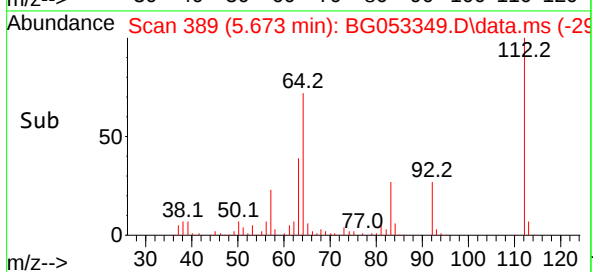
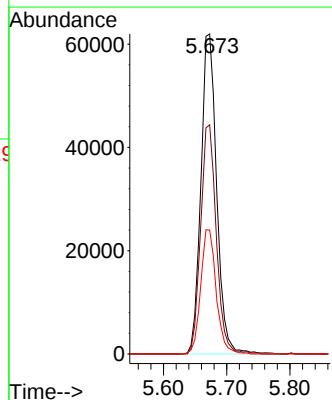
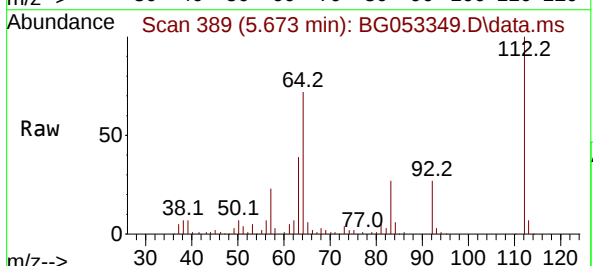
Instrument :
BNA_G
ClientSampleId :
MW-26R

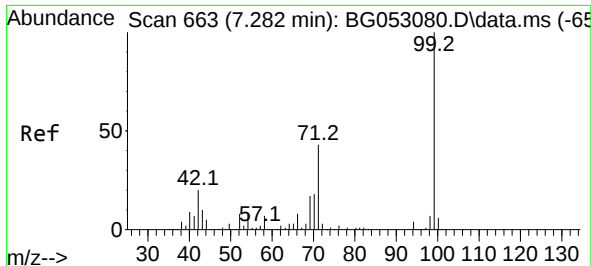
Tgt Ion:152 Resp: 26252
Ion Ratio Lower Upper
152 100
150 142.9 114.6 172.0
115 59.2 45.9 68.9



#5
2-Fluorophenol
Concen: 70.304 ng
RT: 5.673 min Scan# 389
Delta R.T. -0.003 min
Lab File: BG053349.D
Acq: 27 Apr 2022 16:10

Tgt Ion:112 Resp: 107668
Ion Ratio Lower Upper
112 100
64 71.6 48.0 72.0
63 38.7 26.5 39.7

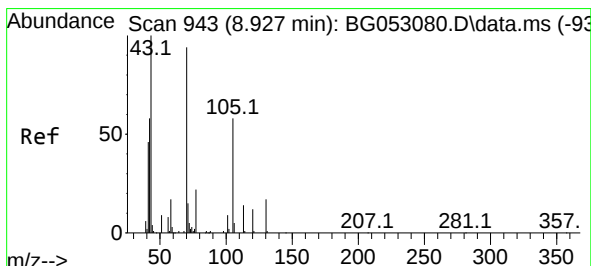
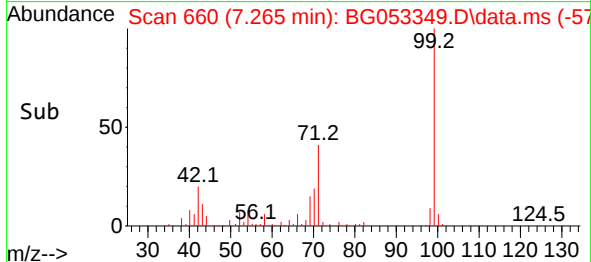
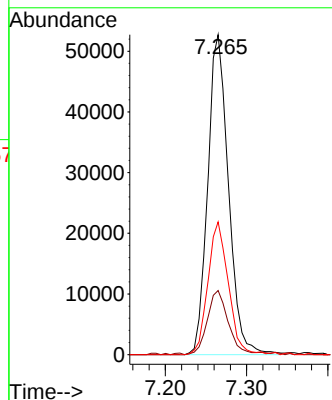
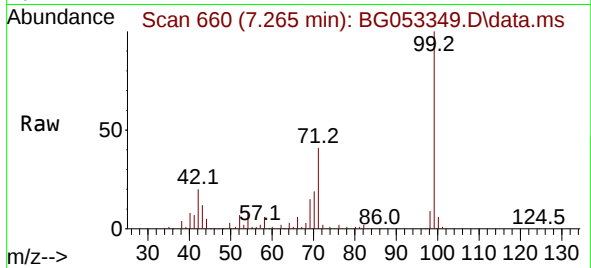




#7
Phenol-d6
Concen: 39.514 ng
RT: 7.265 min Scan# 60
Delta R.T. -0.009 min
Lab File: BG053349.D
Acq: 27 Apr 2022 16:10

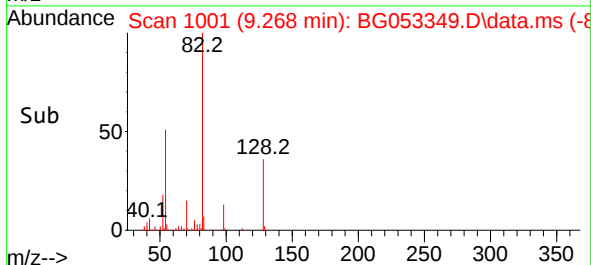
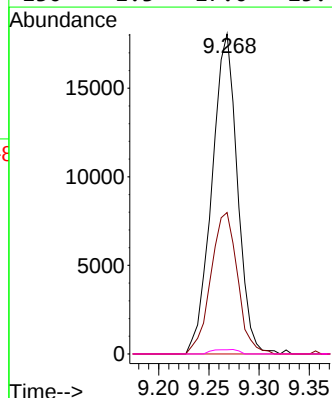
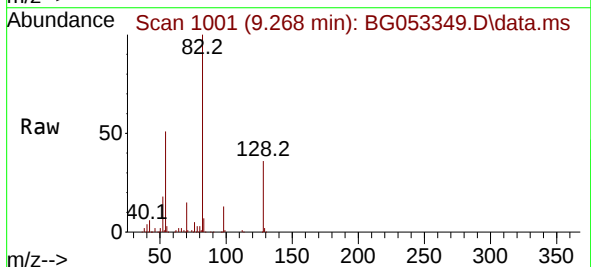
Instrument :
BNA_G
ClientSampleId :
MW-26R

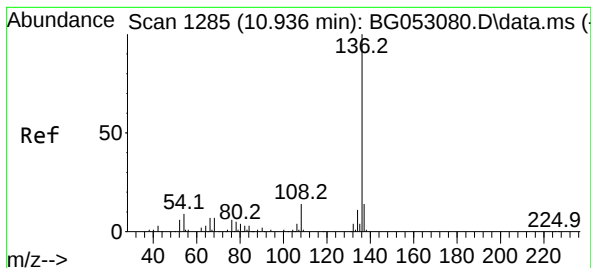
Tgt Ion: 99 Resp: 93319
Ion Ratio Lower Upper
99 100
42 20.1 14.7 22.1
71 41.5 29.2 43.8



#19
n-Nitroso-di-n-propylamine
Concen: 18.490 ng
RT: 9.268 min Scan# 1001
Delta R.T. 0.356 min
Lab File: BG053349.D
Acq: 27 Apr 2022 16:10

Tgt Ion: 70 Resp: 31969
Ion Ratio Lower Upper
70 100
42 44.2 46.0 69.0#
101 0.0 6.2 9.4#
130 1.3 17.0 25.4#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.913 min Scan# 1001

Delta R.T. -0.009 min

Lab File: BG053349.D

Acq: 27 Apr 2022 16:10

Instrument :

BNA_G

ClientSampleId :

MW-26R

Tgt Ion:136 Resp: 99500

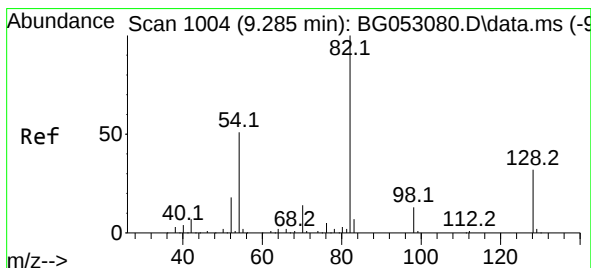
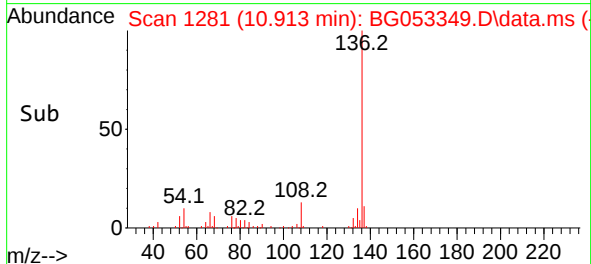
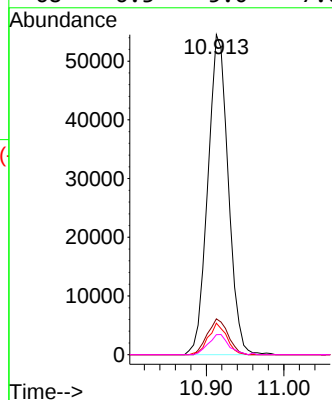
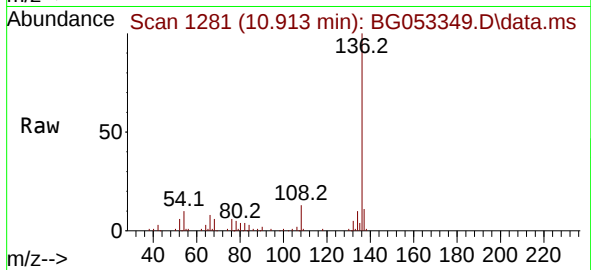
Ion Ratio Lower Upper

136 100

137 11.2 9.4 14.2

54 9.8 6.4 9.6#

68 6.3 5.0 7.6



#23

Nitrobenzene-d5

Concen: 95.116 ng

RT: 9.268 min Scan# 1001

Delta R.T. -0.009 min

Lab File: BG053349.D

Acq: 27 Apr 2022 16:10

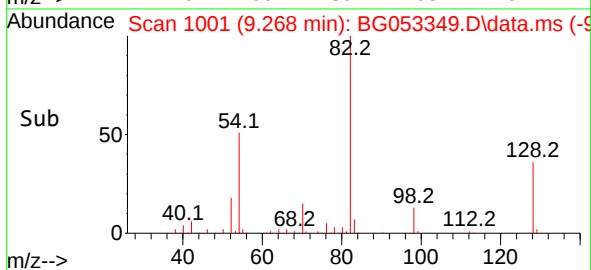
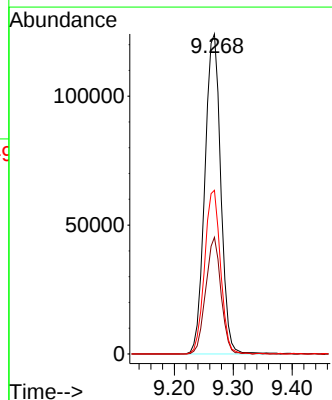
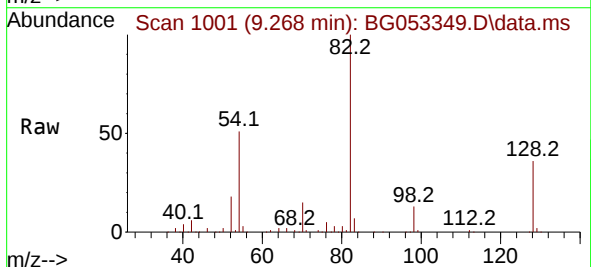
Tgt Ion: 82 Resp: 233085

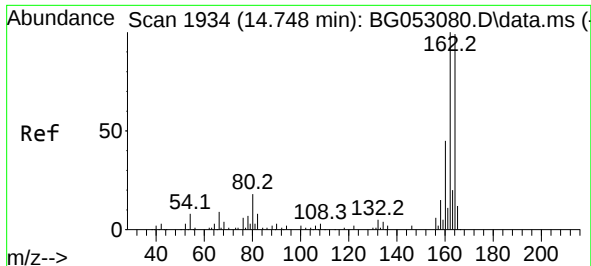
Ion Ratio Lower Upper

82 100

128 36.4 31.3 46.9

54 51.2 37.8 56.8

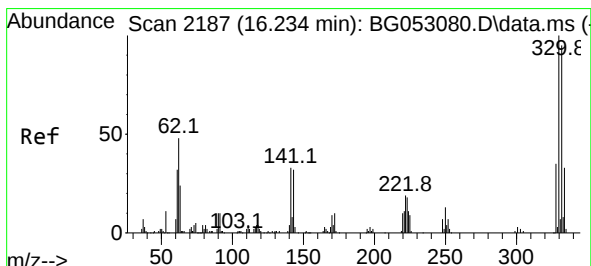
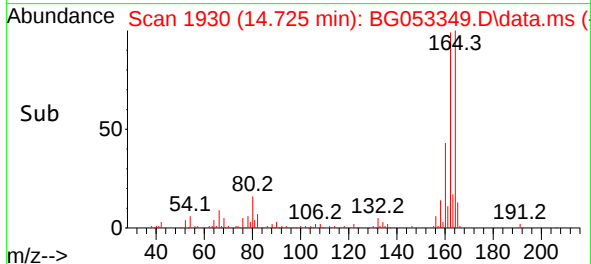
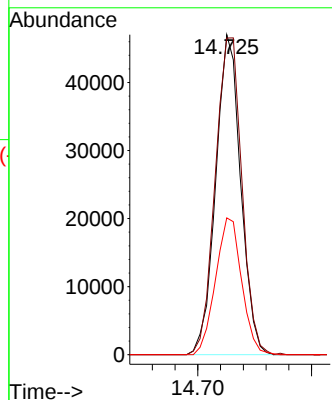
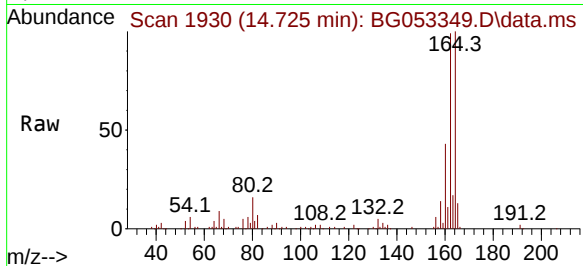




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.725 min Scan# 1930
Delta R.T. -0.009 min
Lab File: BG053349.D
Acq: 27 Apr 2022 16:10

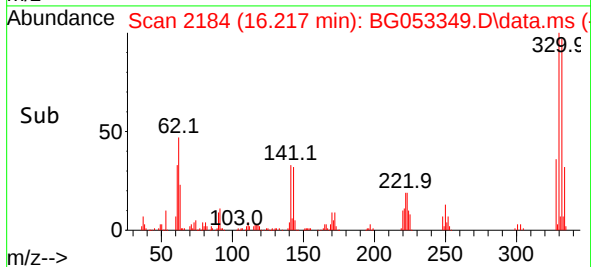
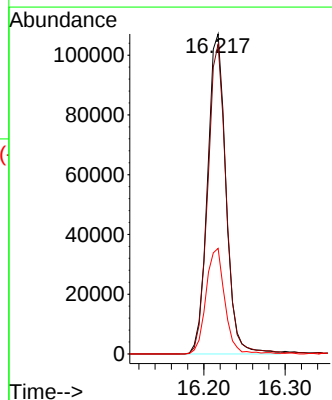
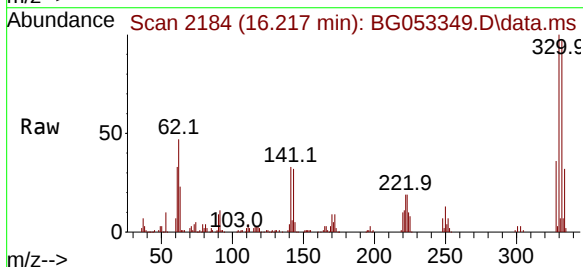
Instrument :
BNA_G
ClientSampleId :
MW-26R

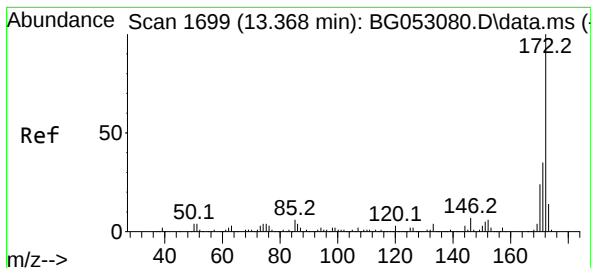
Tgt Ion:164	Resp:	71616
Ion Ratio	Lower	Upper
164	100	
162	98.9	80.0 120.0
160	42.8	38.8 58.2



#42
2,4,6-Tribromophenol
Concen: 148.452 ng
RT: 16.217 min Scan# 2184
Delta R.T. -0.009 min
Lab File: BG053349.D
Acq: 27 Apr 2022 16:10

Tgt Ion:330	Resp:	169143
Ion Ratio	Lower	Upper
330	100	
332	96.4	75.8 113.6
141	33.7	24.6 36.8





#45

2-Fluorobiphenyl

Concen: 96.876 ng

RT: 13.351 min Scan# 1

Delta R.T. -0.009 min

Lab File: BG053349.D

Acq: 27 Apr 2022 16:10

Instrument :

BNA_G

ClientSampleId :

MW-26R

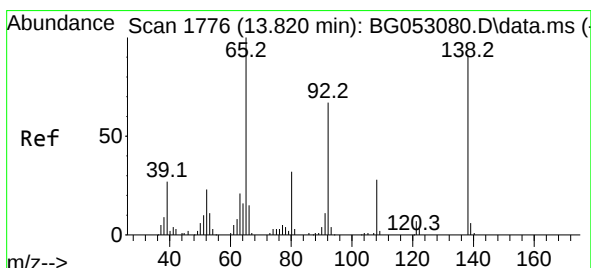
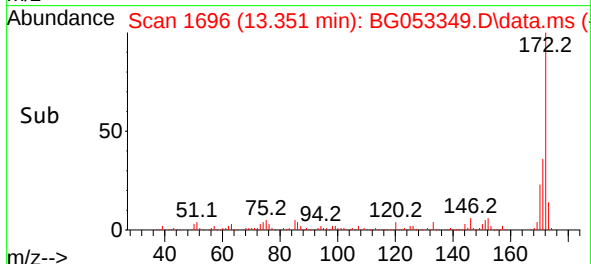
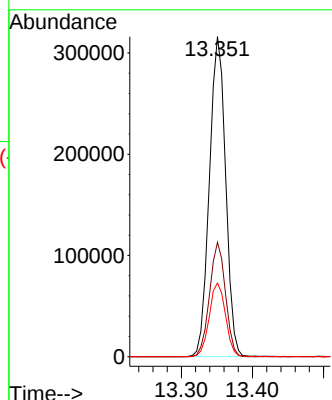
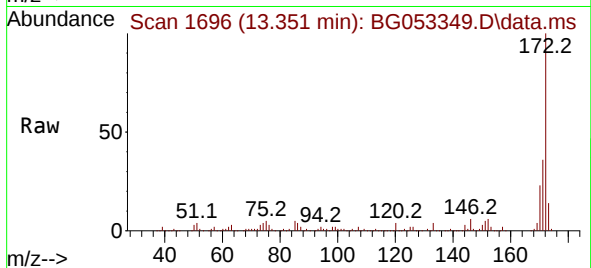
Tgt Ion:172 Resp: 503144

Ion Ratio Lower Upper

172 100

171 35.8 28.3 42.5

170 23.0 18.0 27.0



#48

2-Nitroaniline

Concen: 3.342 ng

RT: 13.562 min Scan# 1732

Delta R.T. -0.249 min

Lab File: BG053349.D

Acq: 27 Apr 2022 16:10

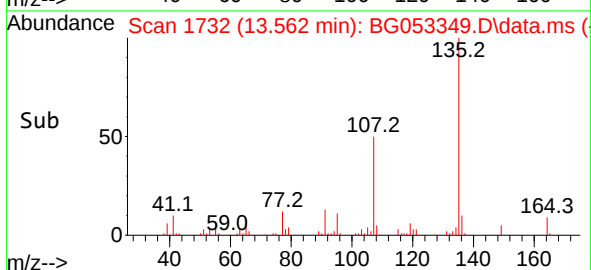
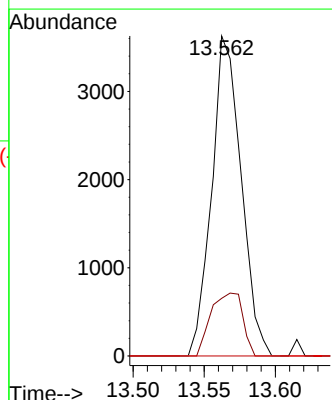
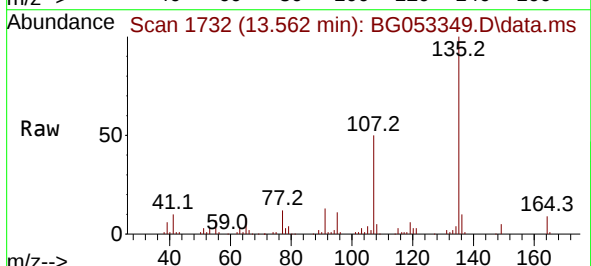
Tgt Ion: 65 Resp: 5218

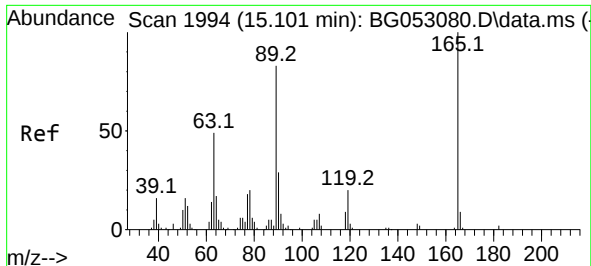
Ion Ratio Lower Upper

65 100

92 18.0 52.1 78.1#

138 0.0 80.1 120.1#

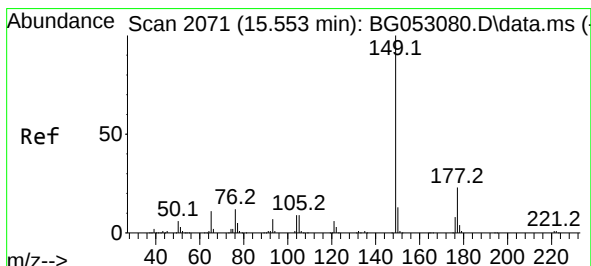
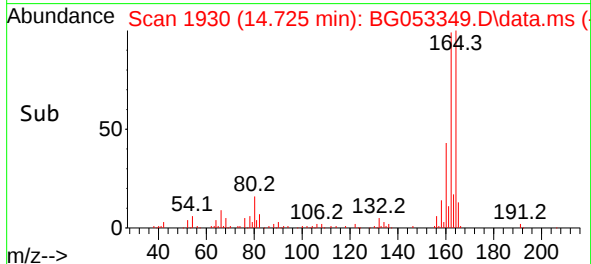
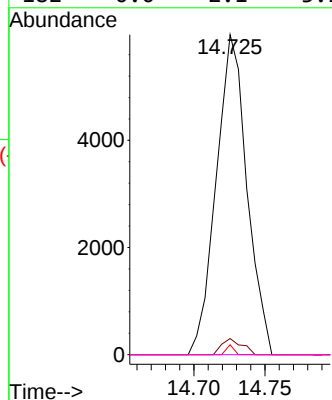
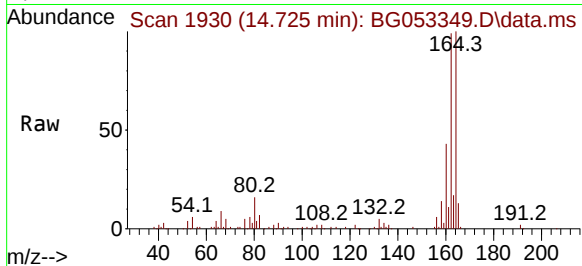




#57
2,4-Dinitrotoluene
Concen: 5.269 ng
RT: 14.725 min Scan# 1994
Delta R.T. -0.367 min
Lab File: BG053349.D
Acq: 27 Apr 2022 16:10

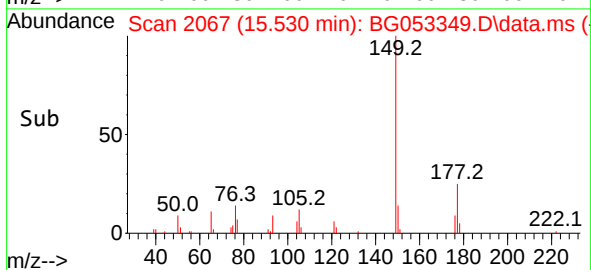
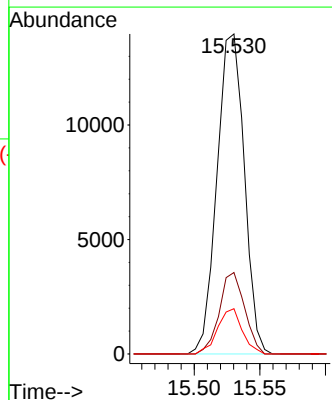
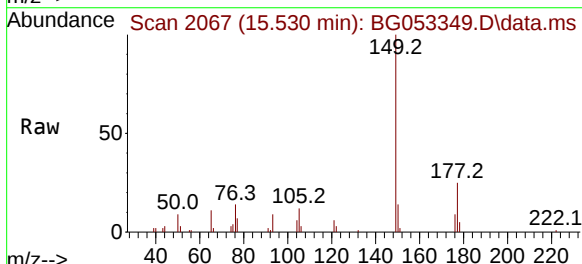
Instrument :
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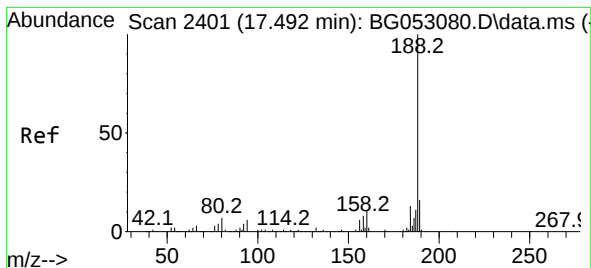
Tgt Ion:165	Resp:	8964
Ion Ratio	Lower	Upper
165	100	
63	5.1	34.8 52.2#
89	3.1	57.4 86.0#
182	0.0	2.1 3.1#



#60
Diethylphthalate
Concen: 3.364 ng
RT: 15.530 min Scan# 2067
Delta R.T. -0.009 min
Lab File: BG053349.D
Acq: 27 Apr 2022 16:10

Tgt Ion:149	Resp:	20187
Ion Ratio	Lower	Upper
149	100	
177	25.4	18.2 27.2
150	14.1	9.9 14.9





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.469 min Scan# 2184

Delta R.T. -0.014 min

Lab File: BG053349.D

Acq: 27 Apr 2022 16:10

Instrument :

BNA_G

ClientSampleId :

MW-26R

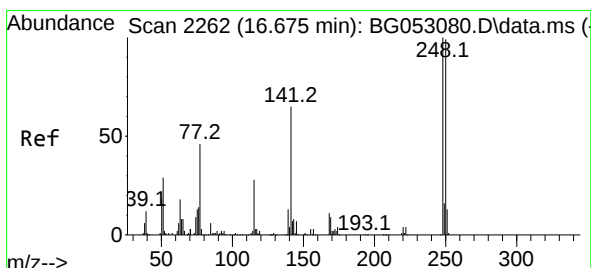
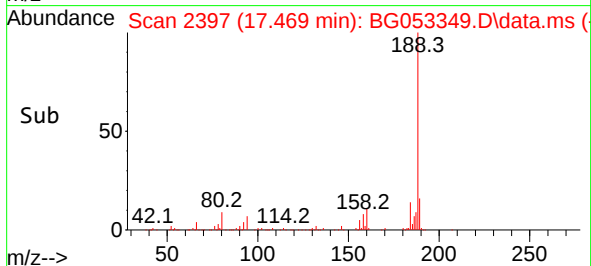
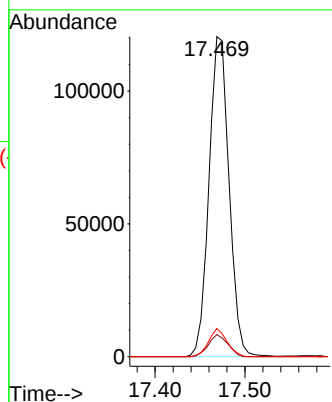
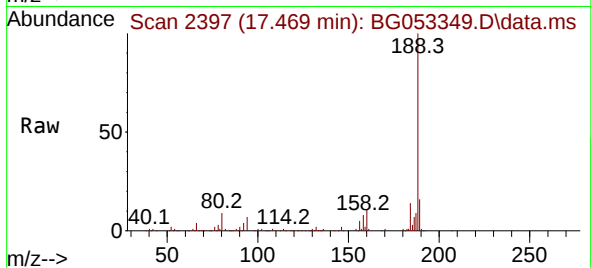
Tgt Ion:188 Resp: 186804

Ion Ratio Lower Upper

188 100

94 6.9 5.7 8.5

80 8.8 7.2 10.8



#67

4-Bromophenyl-phenylether

Concen: 4.525 ng

RT: 16.217 min Scan# 2184

Delta R.T. -0.443 min

Lab File: BG053349.D

Acq: 27 Apr 2022 16:10

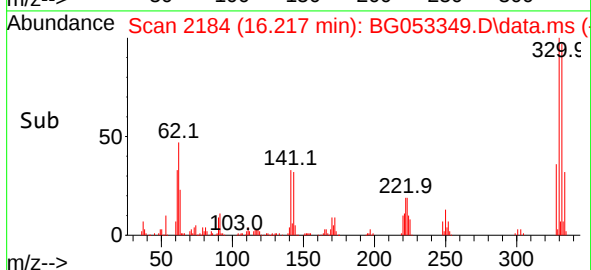
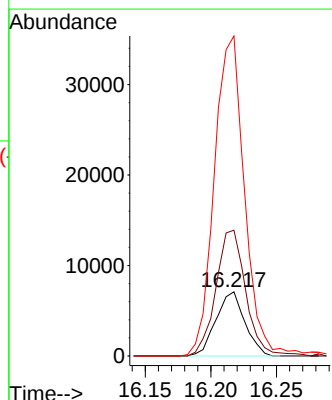
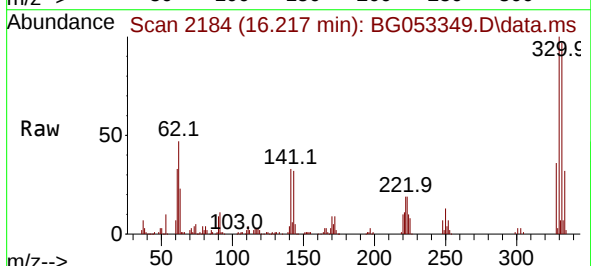
Tgt Ion:248 Resp: 10832

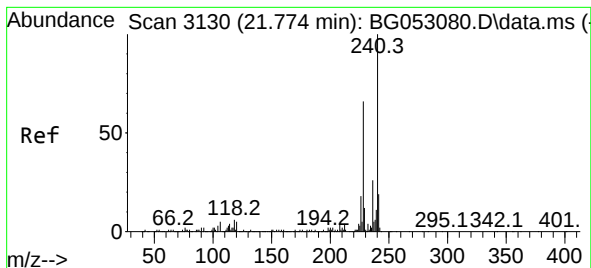
Ion Ratio Lower Upper

248 100

250 195.7 77.9 116.9#

141 498.2 49.2 73.8#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.751 min Scan# 31

Delta R.T. -0.014 min

Lab File: BG053349.D

Acq: 27 Apr 2022 16:10

Instrument :

BNA_G

ClientSampleId :

MW-26R

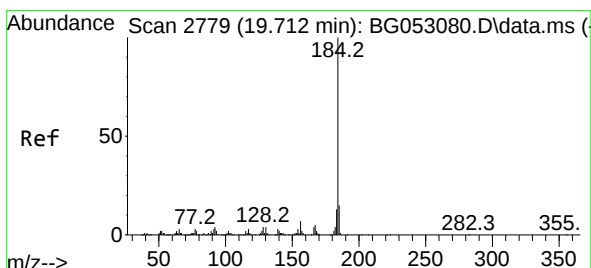
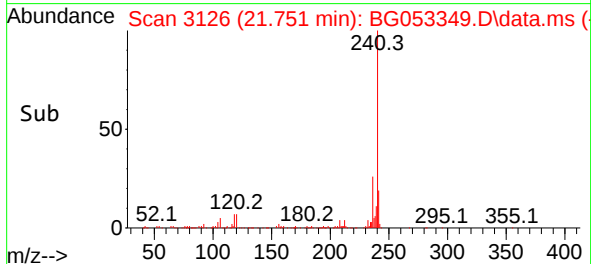
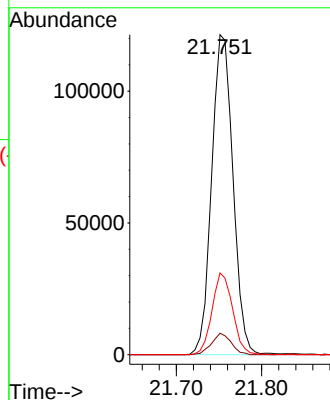
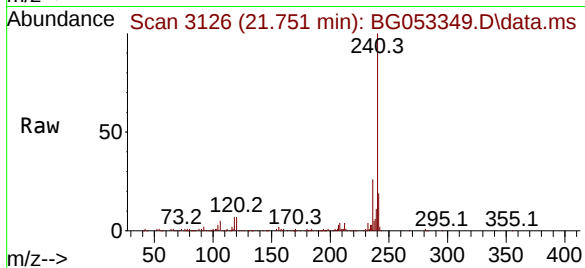
Tgt Ion:240 Resp: 210805

Ion Ratio Lower Upper

240 100

120 6.7 5.4 8.0

236 25.6 19.8 29.6



#77

Benzidine

Concen: 3.082 ng

RT: 20.077 min Scan# 2841

Delta R.T. 0.373 min

Lab File: BG053349.D

Acq: 27 Apr 2022 16:10

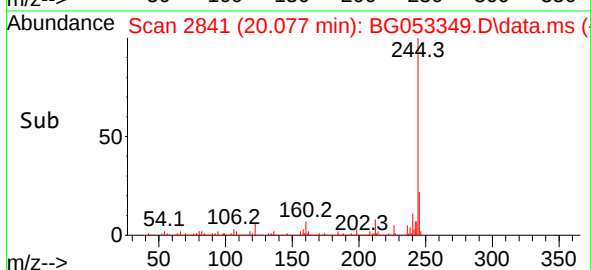
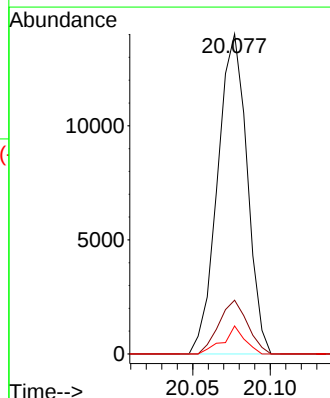
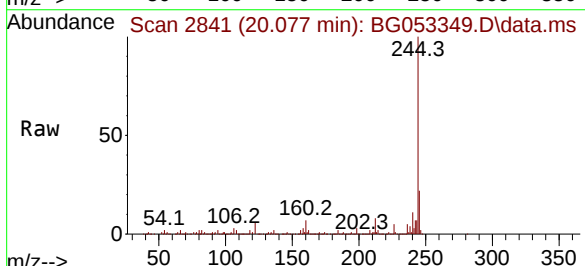
Tgt Ion:184 Resp: 18538

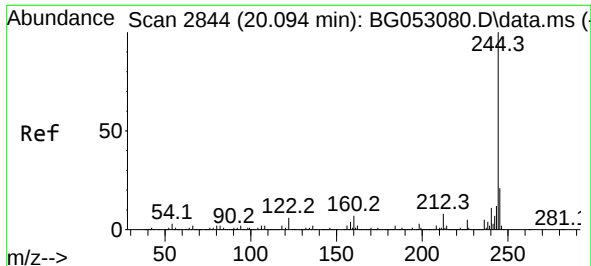
Ion Ratio Lower Upper

184 100

185 16.8 11.5 17.3

183 8.7 9.4 14.2#

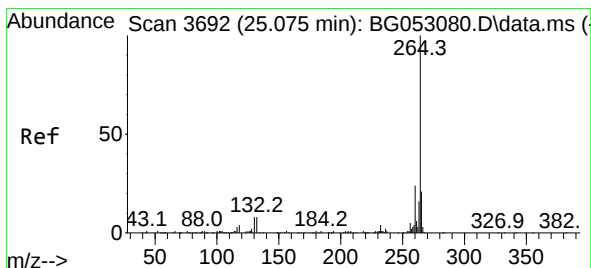
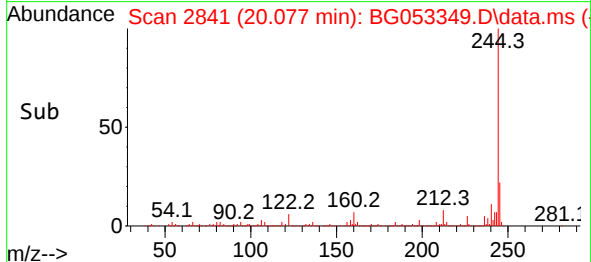
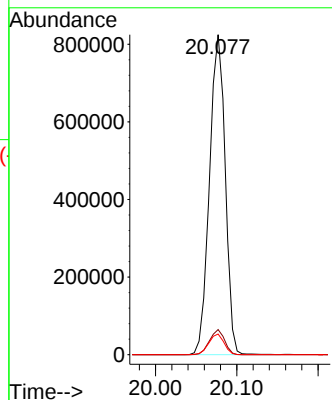
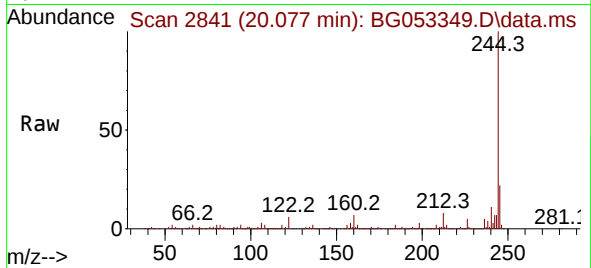




#79
 Terphenyl-d14
 Concen: 88.657 ng
 RT: 20.077 min Scan# 21
 Delta R.T. -0.009 min
 Lab File: BG053349.D
 Acq: 27 Apr 2022 16:10

Instrument :
 BNA_G
 ClientSampleId :
 MW-26R

Tgt Ion:244 Resp: 1106600
 Ion Ratio Lower Upper
 244 100
 212 7.8 5.4 8.2
 122 6.4 5.8 8.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.053 min Scan# 3688
 Delta R.T. -0.009 min
 Lab File: BG053349.D
 Acq: 27 Apr 2022 16:10

Tgt Ion:264 Resp: 206735
 Ion Ratio Lower Upper
 264 100
 260 22.3 18.2 27.2
 265 19.9 15.1 22.7

