

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042622\
 Data File : BG053338.D
 Acq On : 27 Apr 2022 2:39
 Operator : CG/JU
 Sample : N2482-19
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EB-2022-04-19

Quant Time: Apr 27 03:39:36 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)

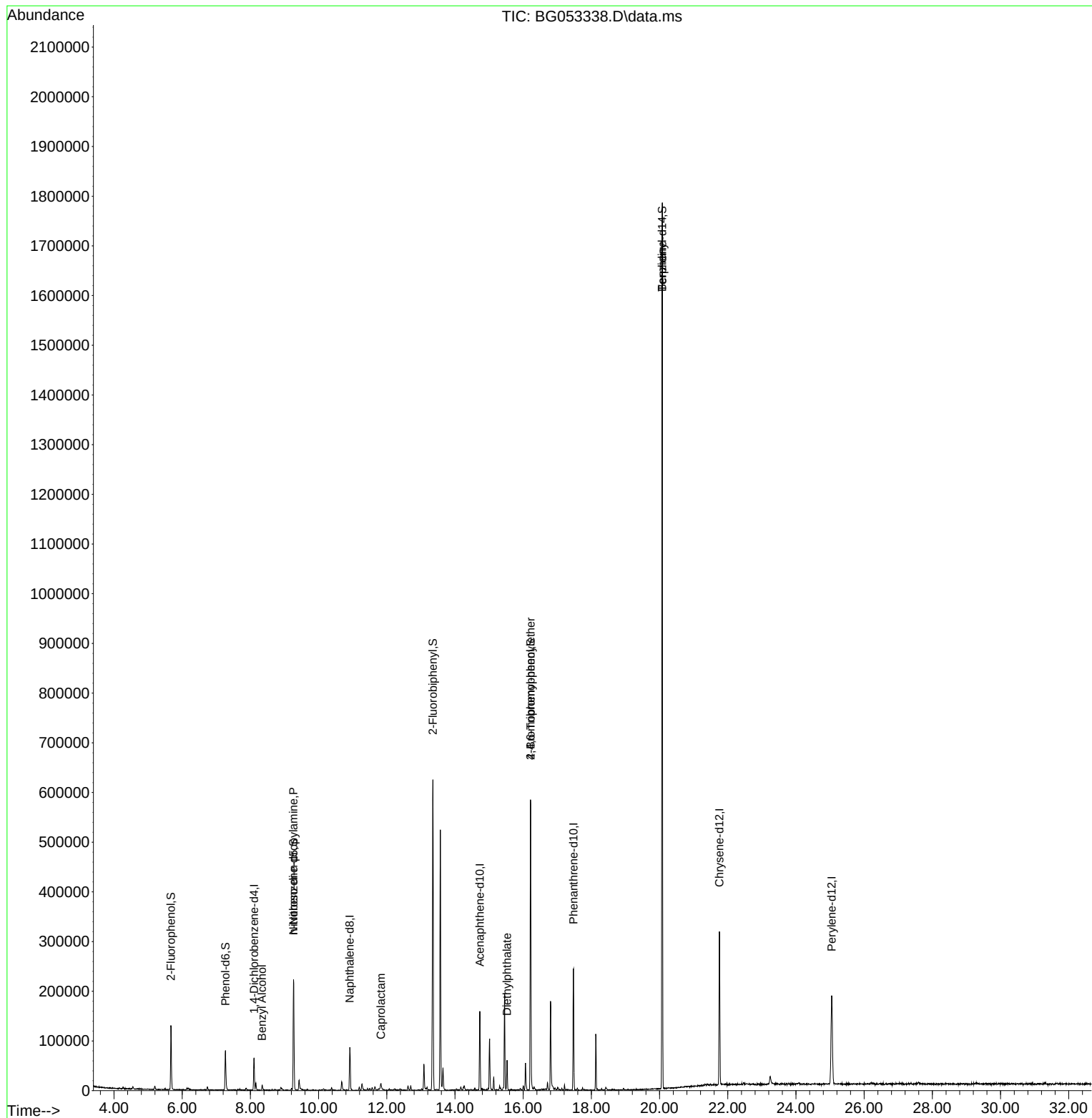
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.105	152	19004	20.000	ng	0.00
21) Naphthalene-d8	10.913	136	71209	20.000	ng	0.00
39) Acenaphthene-d10	14.726	164	57273	20.000	ng	0.00
64) Phenanthrene-d10	17.475	188	161989	20.000	ng	0.00
76) Chrysene-d12	21.752	240	203646	20.000	ng	-0.01
86) Perylene-d12	25.047	264	206568	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.668	112	55616	50.166	ng	0.00
7) Phenol-d6	7.265	99	46905	27.436	ng	0.00
23) Nitrobenzene-d5	9.263	82	144224	82.237	ng	-0.01
42) 2,4,6-Tribromophenol	16.218	330	120222	131.939	ng	0.00
45) 2-Fluorobiphenyl	13.351	172	320293	77.114	ng	0.00
79) Terphenyl-d14	20.078	244	920652	76.353	ng	0.00
Target Compounds						
					Qvalue	
15) Benzyl Alcohol	8.340	79	4490	2.955	ng	# 87
19) n-Nitroso-di-n-propyla...	9.263	70	20243	16.173	ng	# 78
35) Caprolactam	11.830	113	2577	5.693	ng	# 70
60) Diethylphthalate	15.525	149	30513	6.357	ng	98
67) 4-Bromophenyl-phenylether	16.218	248	8238	3.969	ng	# 1
77) Benzidine	20.078	184	14763	2.541	ng	# 88

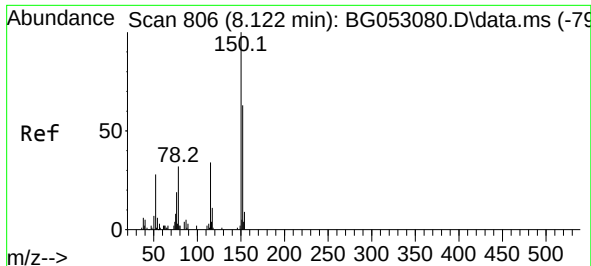
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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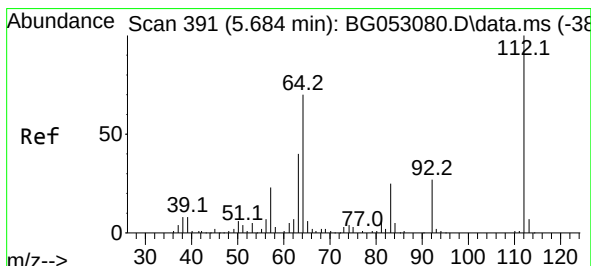
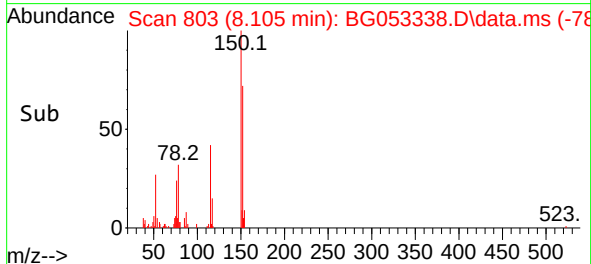
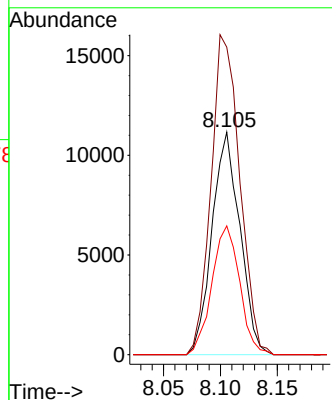
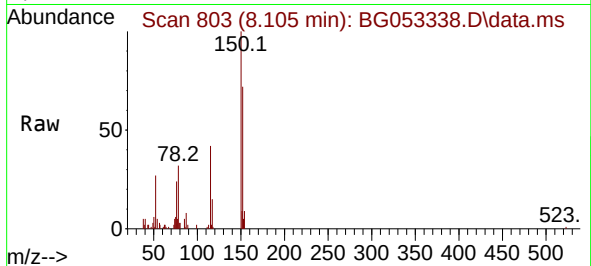




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.105 min Scan# 80
Delta R.T. -0.008 min
Lab File: BG053338.D
Acq: 27 Apr 2022 2:39

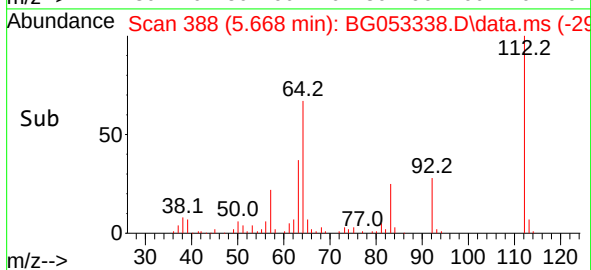
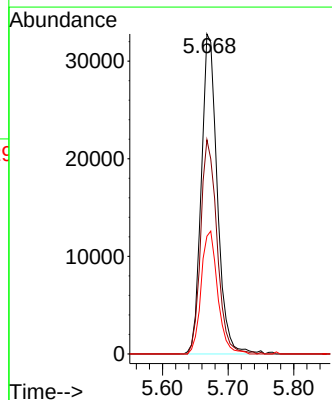
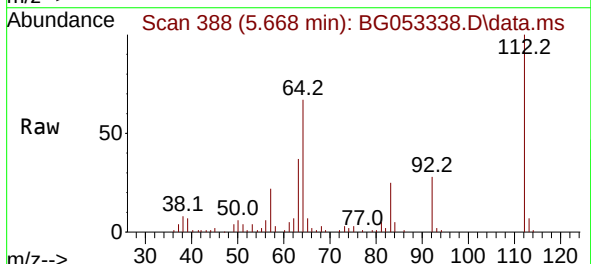
Instrument :
BNA_G
ClientSampleId :
EB-2022-04-19

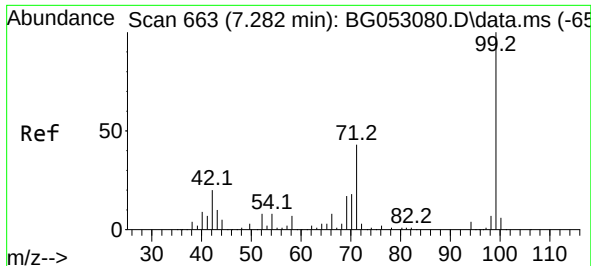
Tgt Ion:152 Resp: 19004
Ion Ratio Lower Upper
152 100
150 138.2 114.6 172.0
115 57.9 45.9 68.9



#5
2-Fluorophenol
Concen: 50.166 ng
RT: 5.668 min Scan# 388
Delta R.T. -0.008 min
Lab File: BG053338.D
Acq: 27 Apr 2022 2:39

Tgt Ion:112 Resp: 55616
Ion Ratio Lower Upper
112 100
64 67.0 48.0 72.0
63 36.8 26.5 39.7

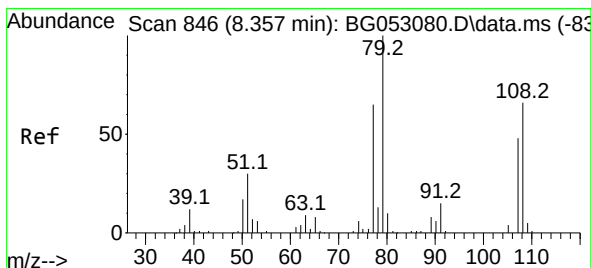
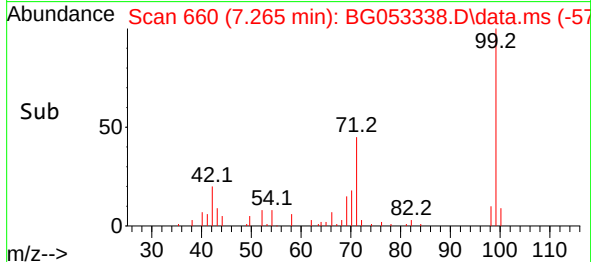
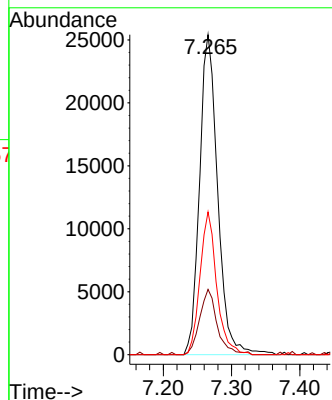
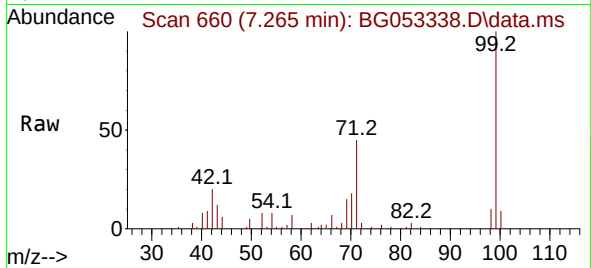




#7
Phenol-d6
Concen: 27.436 ng
RT: 7.265 min Scan# 60
Delta R.T. -0.008 min
Lab File: BG053338.D
Acq: 27 Apr 2022 2:39

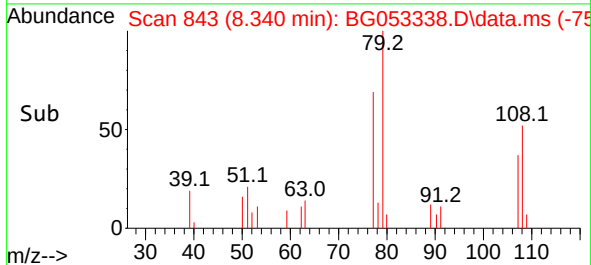
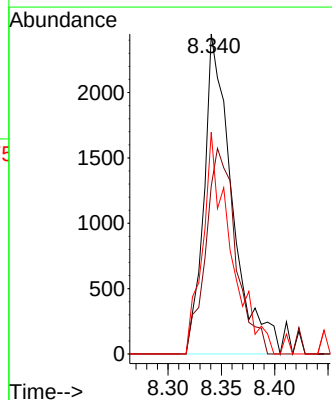
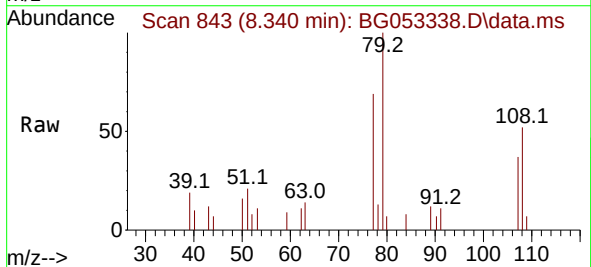
Instrument :
BNA_G
ClientSampleId :
EB-2022-04-19

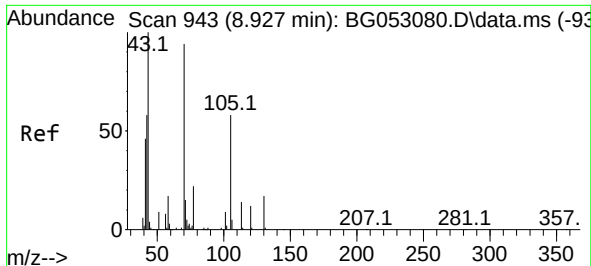
Tgt Ion: 99 Resp: 46905
Ion Ratio Lower Upper
99 100
42 20.4 14.7 22.1
71 44.6 29.2 43.8#



#15
Benzyl Alcohol
Concen: 2.955 ng
RT: 8.340 min Scan# 843
Delta R.T. -0.002 min
Lab File: BG053338.D
Acq: 27 Apr 2022 2:39

Tgt Ion: 79 Resp: 4490
Ion Ratio Lower Upper
79 100
108 52.5 55.1 82.7#
77 69.3 52.4 78.6

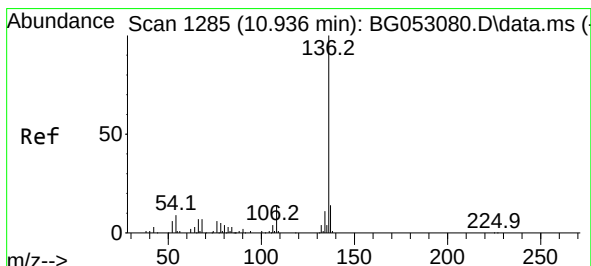
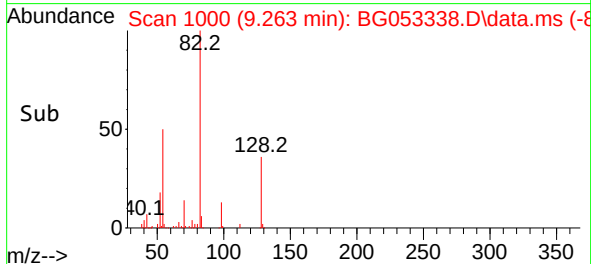
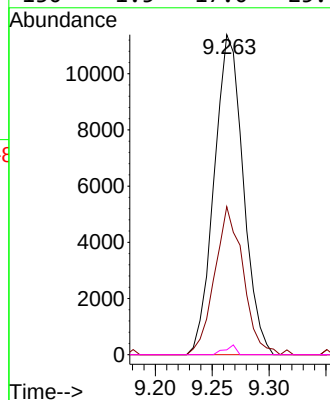
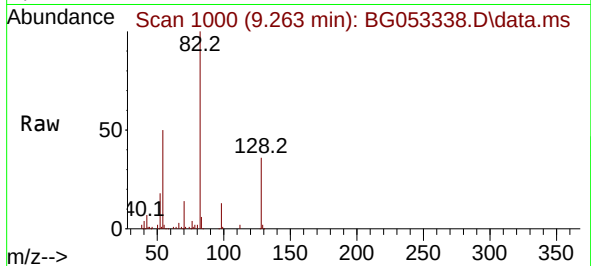




#19
n-Nitroso-di-n-propylamine
Concen: 16.173 ng
RT: 9.263 min Scan# 10
Delta R.T. 0.350 min
Lab File: BG053338.D
Acq: 27 Apr 2022 2:39

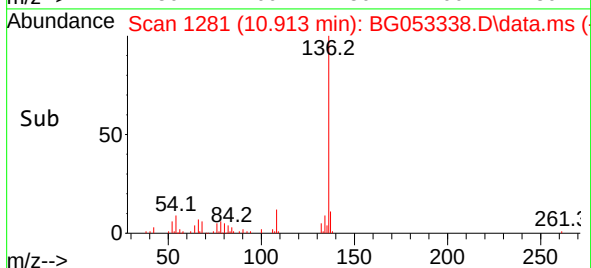
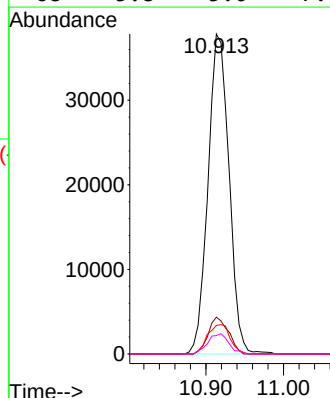
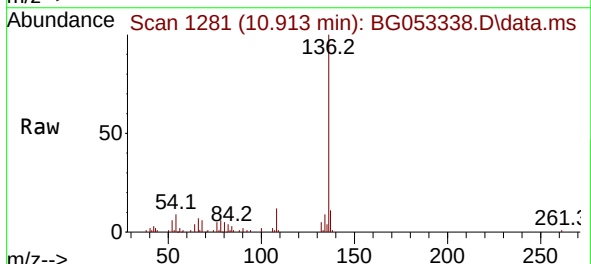
Instrument :
BNA_G
ClientSampleId :
EB-2022-04-19

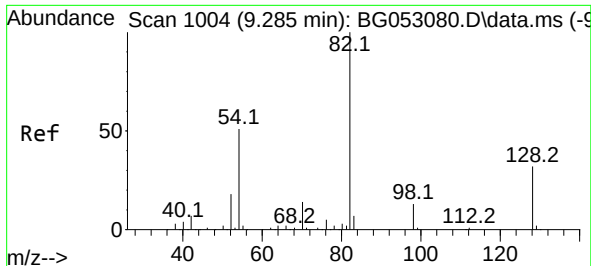
Tgt Ion: 70 Resp: 20243
Ion Ratio Lower Upper
70 100
42 46.2 46.0 69.0
101 0.0 6.2 9.4#
130 1.5 17.0 25.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.913 min Scan# 1281
Delta R.T. -0.008 min
Lab File: BG053338.D
Acq: 27 Apr 2022 2:39

Tgt Ion: 136 Resp: 71209
Ion Ratio Lower Upper
136 100
137 11.5 9.4 14.2
54 8.9 6.4 9.6
68 5.8 5.0 7.6





#23

Nitrobenzene-d5

Concen: 82.237 ng

RT: 9.263 min Scan# 1000

Delta R.T. -0.014 min

Lab File: BG053338.D

Acq: 27 Apr 2022 2:39

Instrument :

BNA_G

ClientSampleId :

EB-2022-04-19

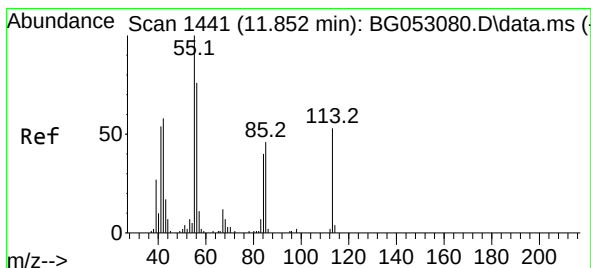
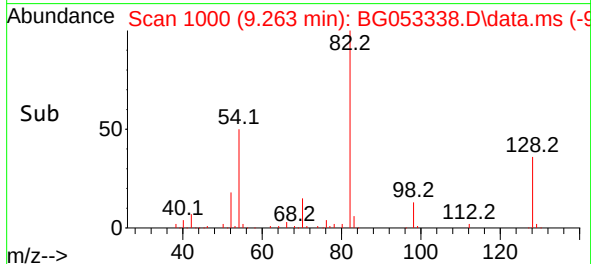
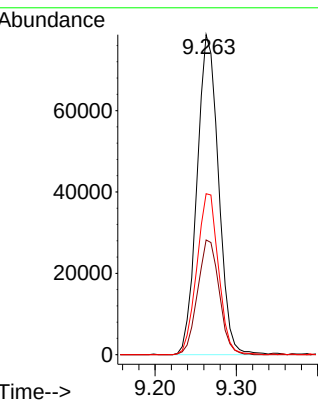
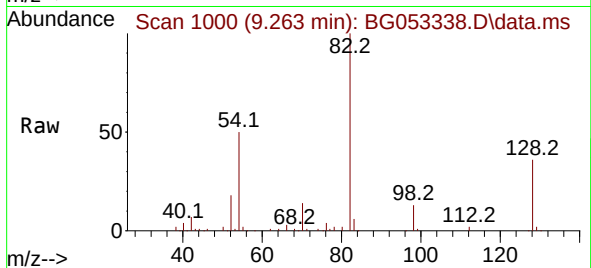
Tgt Ion: 82 Resp: 144224

Ion Ratio Lower Upper

82 100

128 35.8 31.3 46.9

54 50.3 37.8 56.8



#35

Caprolactam

Concen: 5.693 ng

RT: 11.830 min Scan# 1437

Delta R.T. -0.020 min

Lab File: BG053338.D

Acq: 27 Apr 2022 2:39

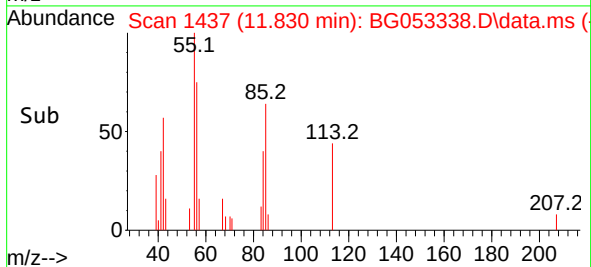
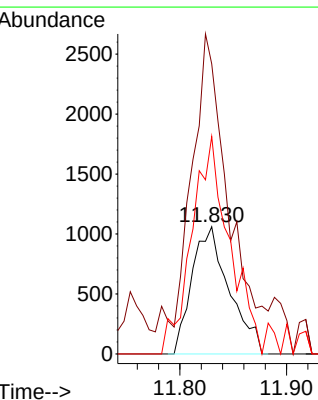
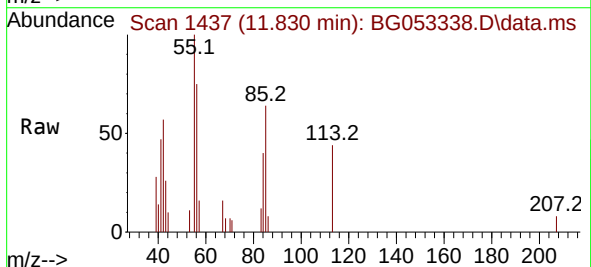
Tgt Ion:113 Resp: 2577

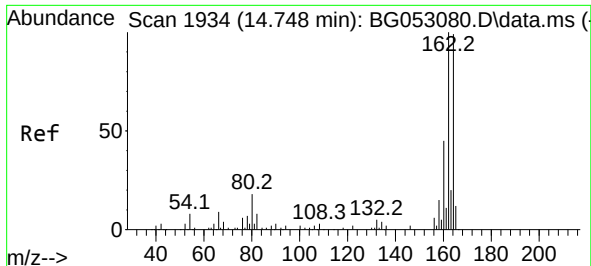
Ion Ratio Lower Upper

113 100

55 228.1 151.3 191.3#

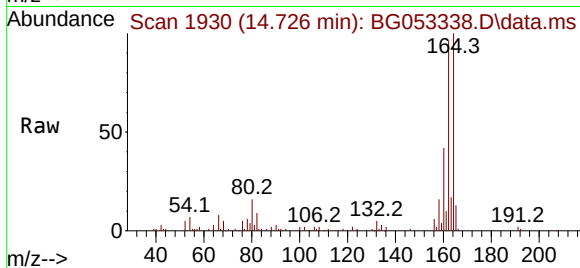
56 171.0 128.5 168.5#



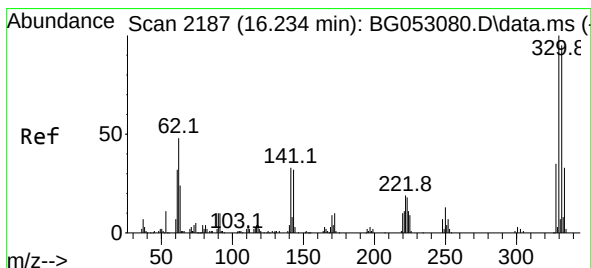
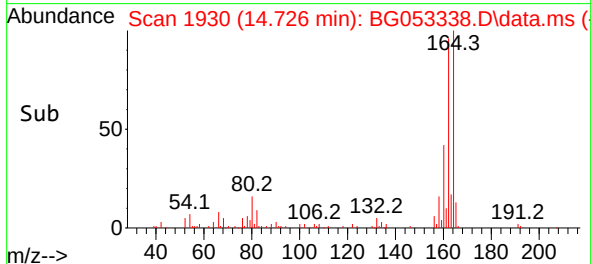
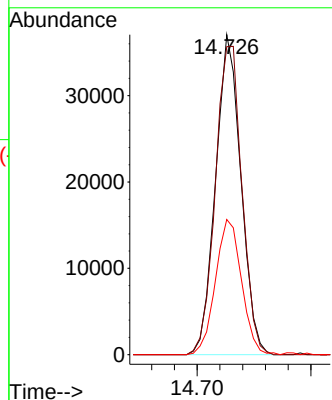


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.726 min Scan# 1930
Delta R.T. -0.008 min
Lab File: BG053338.D
Acq: 27 Apr 2022 2:39

Instrument :
BNA_G
ClientSampleId :
EB-2022-04-19

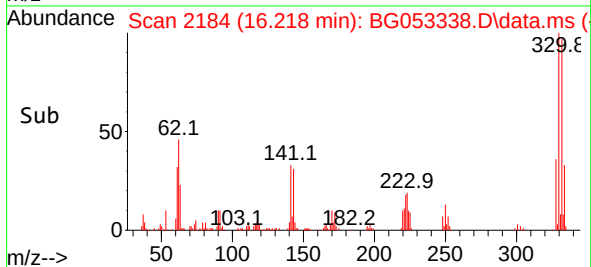
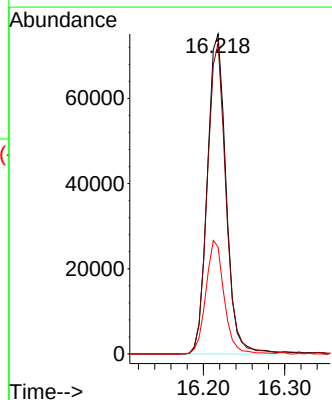
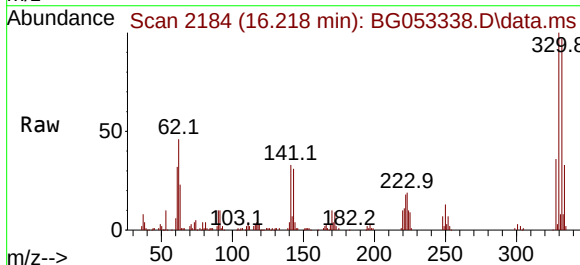


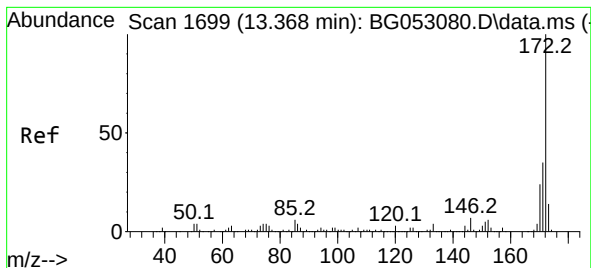
Tgt Ion	Ratio	Lower	Upper
164	100		
162	96.3	80.0	120.0
160	42.3	38.8	58.2



#42
2,4,6-Tribromophenol
Concen: 131.939 ng
RT: 16.218 min Scan# 2184
Delta R.T. -0.008 min
Lab File: BG053338.D
Acq: 27 Apr 2022 2:39

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.0	75.8	113.6
141	34.6	24.6	36.8

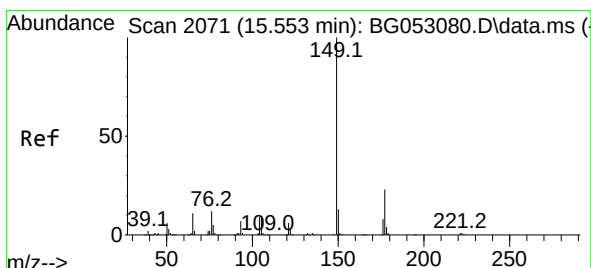
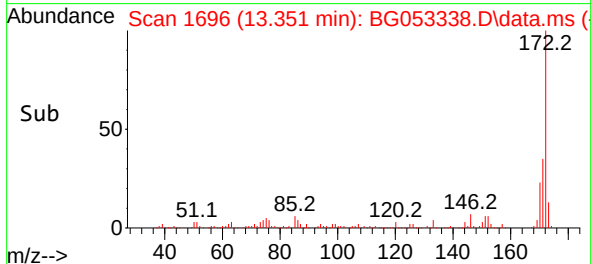
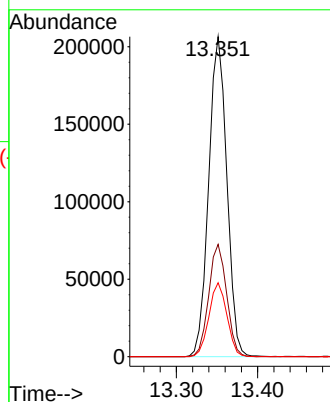
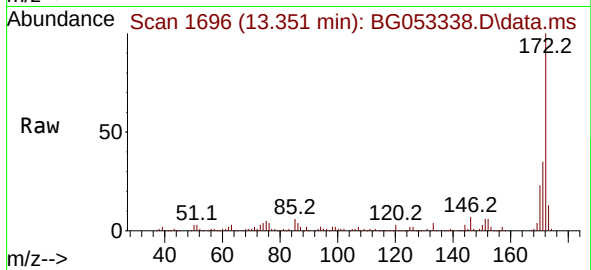




#45
2-Fluorobiphenyl
Concen: 77.114 ng
RT: 13.351 min Scan# 1
Delta R.T. -0.008 min
Lab File: BG053338.D
Acq: 27 Apr 2022 2:39

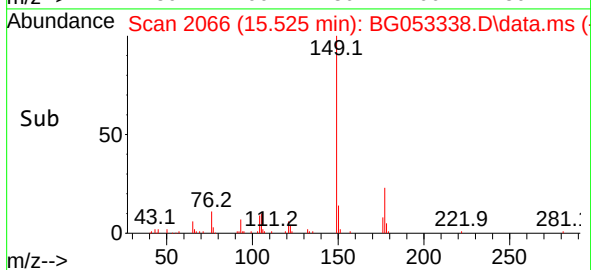
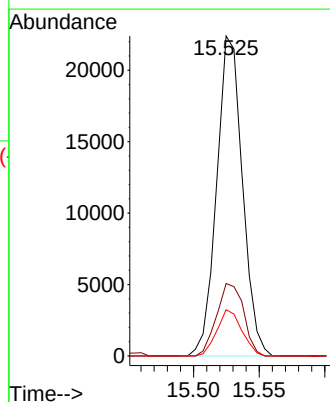
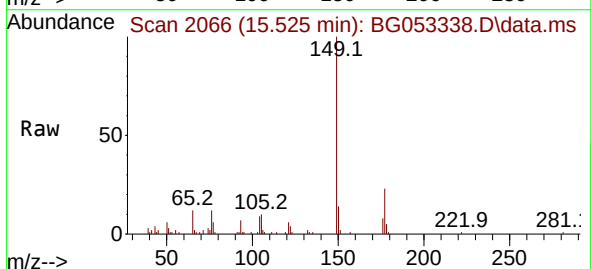
Instrument :
BNA_G
ClientSampleId :
EB-2022-04-19

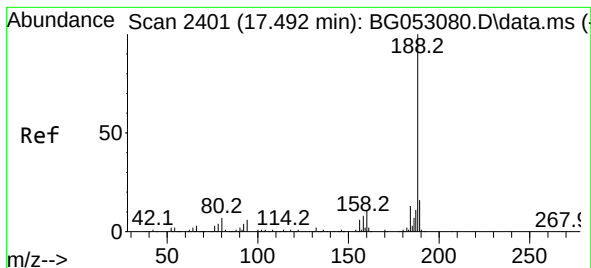
Tgt Ion:172 Resp: 320293
Ion Ratio Lower Upper
172 100
171 35.1 28.3 42.5
170 23.1 18.0 27.0



#60
Diethylphthalate
Concen: 6.357 ng
RT: 15.525 min Scan# 2066
Delta R.T. -0.014 min
Lab File: BG053338.D
Acq: 27 Apr 2022 2:39

Tgt Ion:149 Resp: 30513
Ion Ratio Lower Upper
149 100
177 22.7 18.2 27.2
150 14.4 9.9 14.9





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.475 min Scan# 21

Delta R.T. -0.008 min

Lab File: BG053338.D

Acq: 27 Apr 2022 2:39

Instrument :

BNA_G

ClientSampleId :

EB-2022-04-19

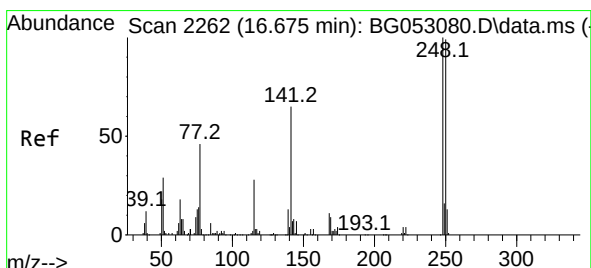
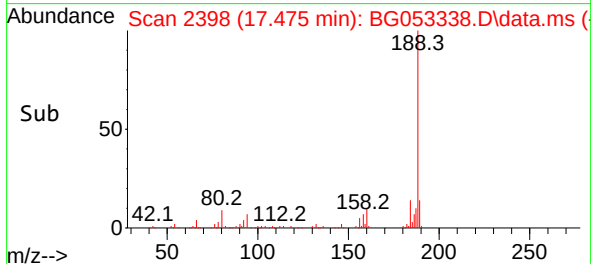
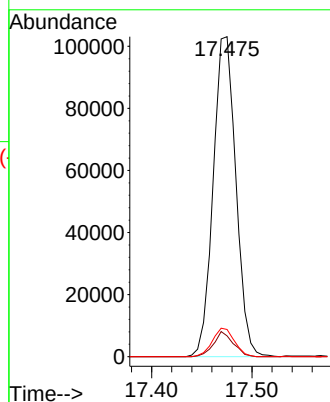
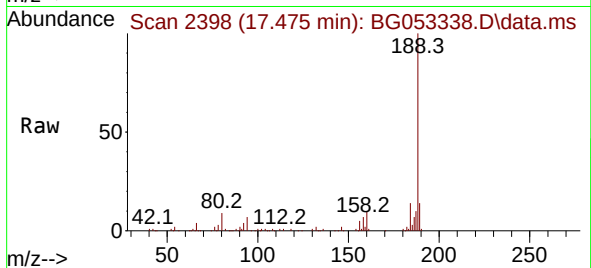
Tgt Ion:188 Resp: 161989

Ion Ratio Lower Upper

188 100

94 6.5 5.7 8.5

80 8.5 7.2 10.8



#67

4-Bromophenyl-phenylether

Concen: 3.969 ng

RT: 16.218 min Scan# 2184

Delta R.T. -0.443 min

Lab File: BG053338.D

Acq: 27 Apr 2022 2:39

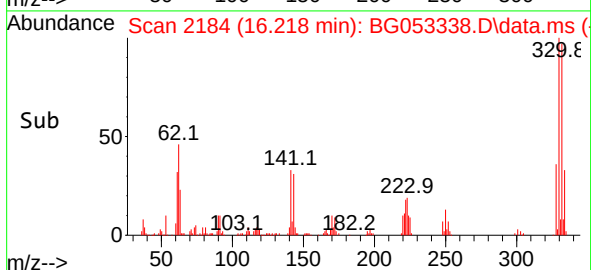
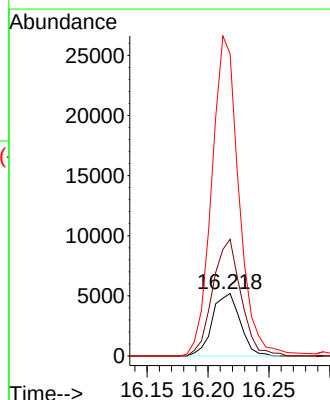
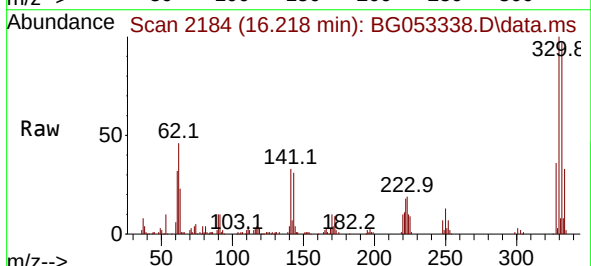
Tgt Ion:248 Resp: 8238

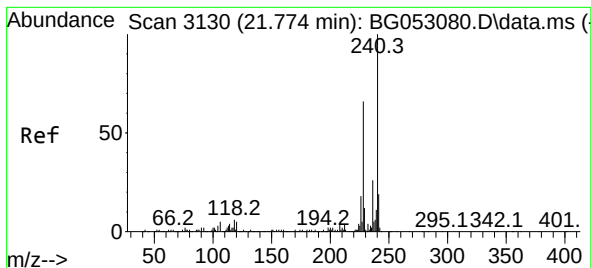
Ion Ratio Lower Upper

248 100

250 186.8 77.9 116.9#

141 484.0 49.2 73.8#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.752 min Scan# 31

Delta R.T. -0.014 min

Lab File: BG053338.D

Acq: 27 Apr 2022 2:39

Instrument :

BNA_G

ClientSampleId :

EB-2022-04-19

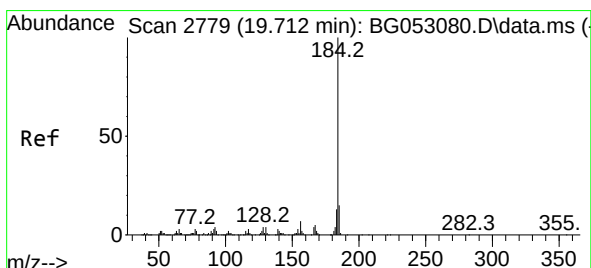
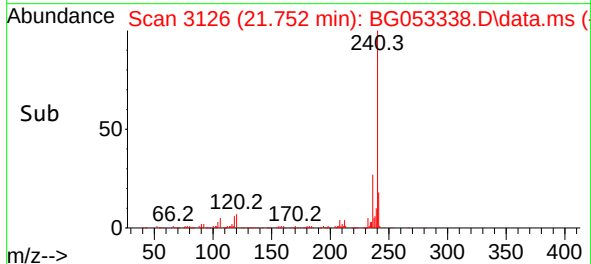
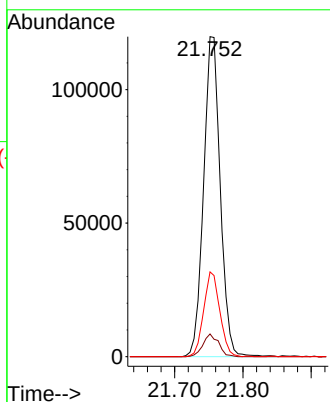
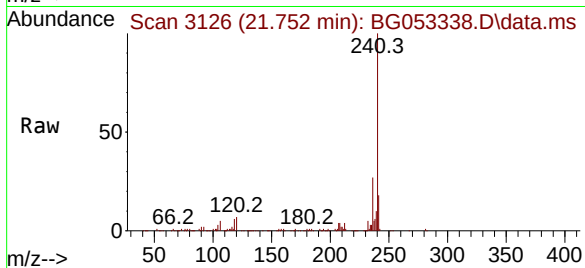
Tgt Ion:240 Resp: 203646

Ion Ratio Lower Upper

240 100

120 7.1 5.4 8.0

236 26.5 19.8 29.6



#77

Benzidine

Concen: 2.541 ng

RT: 20.078 min Scan# 2841

Delta R.T. 0.374 min

Lab File: BG053338.D

Acq: 27 Apr 2022 2:39

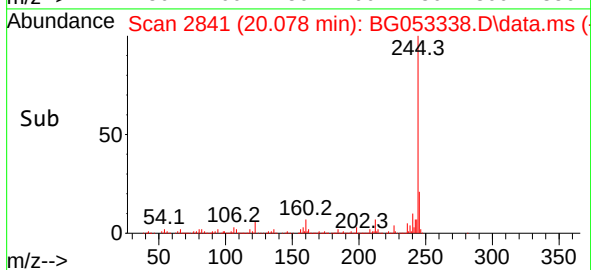
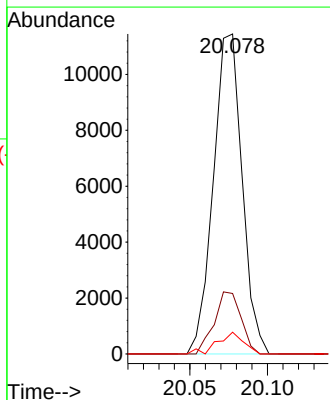
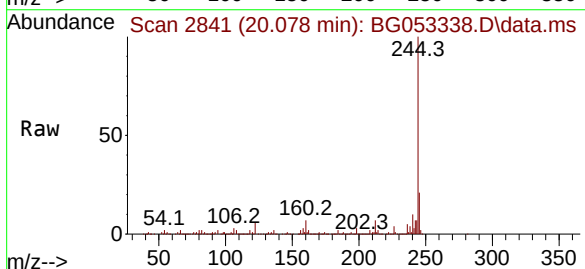
Tgt Ion:184 Resp: 14763

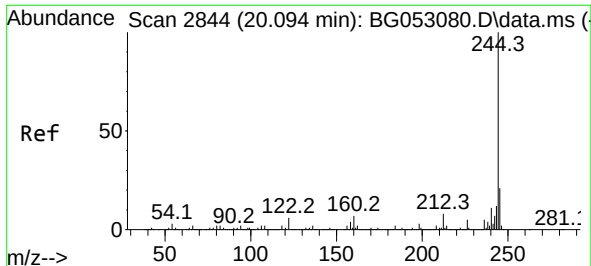
Ion Ratio Lower Upper

184 100

185 18.9 11.5 17.3#

183 6.8 9.4 14.2#

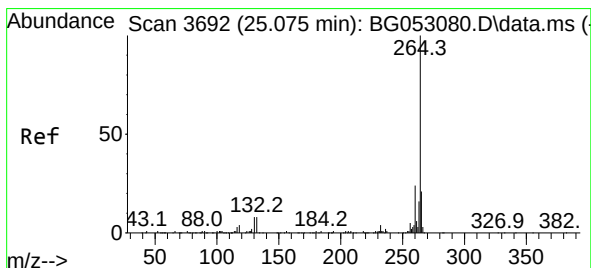
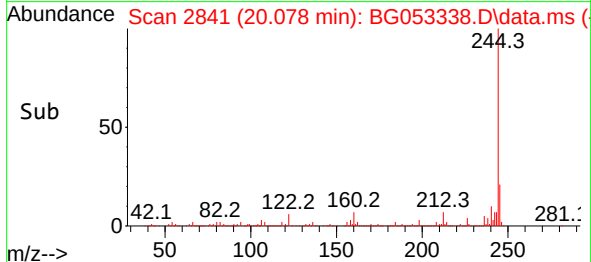
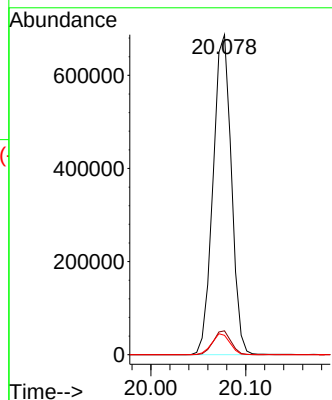
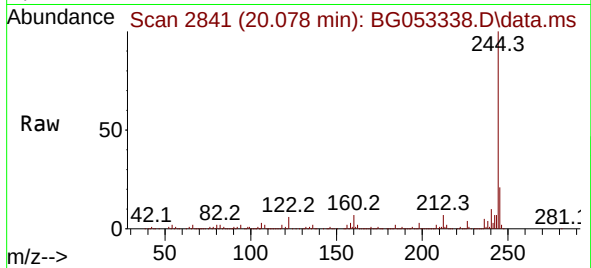




#79
 Terphenyl-d14
 Concen: 76.353 ng
 RT: 20.078 min Scan# 21
 Delta R.T. -0.008 min
 Lab File: BG053338.D
 Acq: 27 Apr 2022 2:39

Instrument :
 BNA_G
 ClientSampleId :
 EB-2022-04-19

Tgt Ion:244 Resp: 920652
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.4 8.2
 122 6.0 5.8 8.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.047 min Scan# 3687
 Delta R.T. -0.014 min
 Lab File: BG053338.D
 Acq: 27 Apr 2022 2:39

Tgt Ion:264 Resp: 206568
 Ion Ratio Lower Upper
 264 100
 260 24.1 18.2 27.2
 265 20.7 15.1 22.7

