

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042722\
 Data File : BG053357.D
 Acq On : 28 Apr 2022 2:36
 Operator : CG/JU
 Sample : N2482-10
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-15

Quant Time: Apr 28 06:41:52 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)

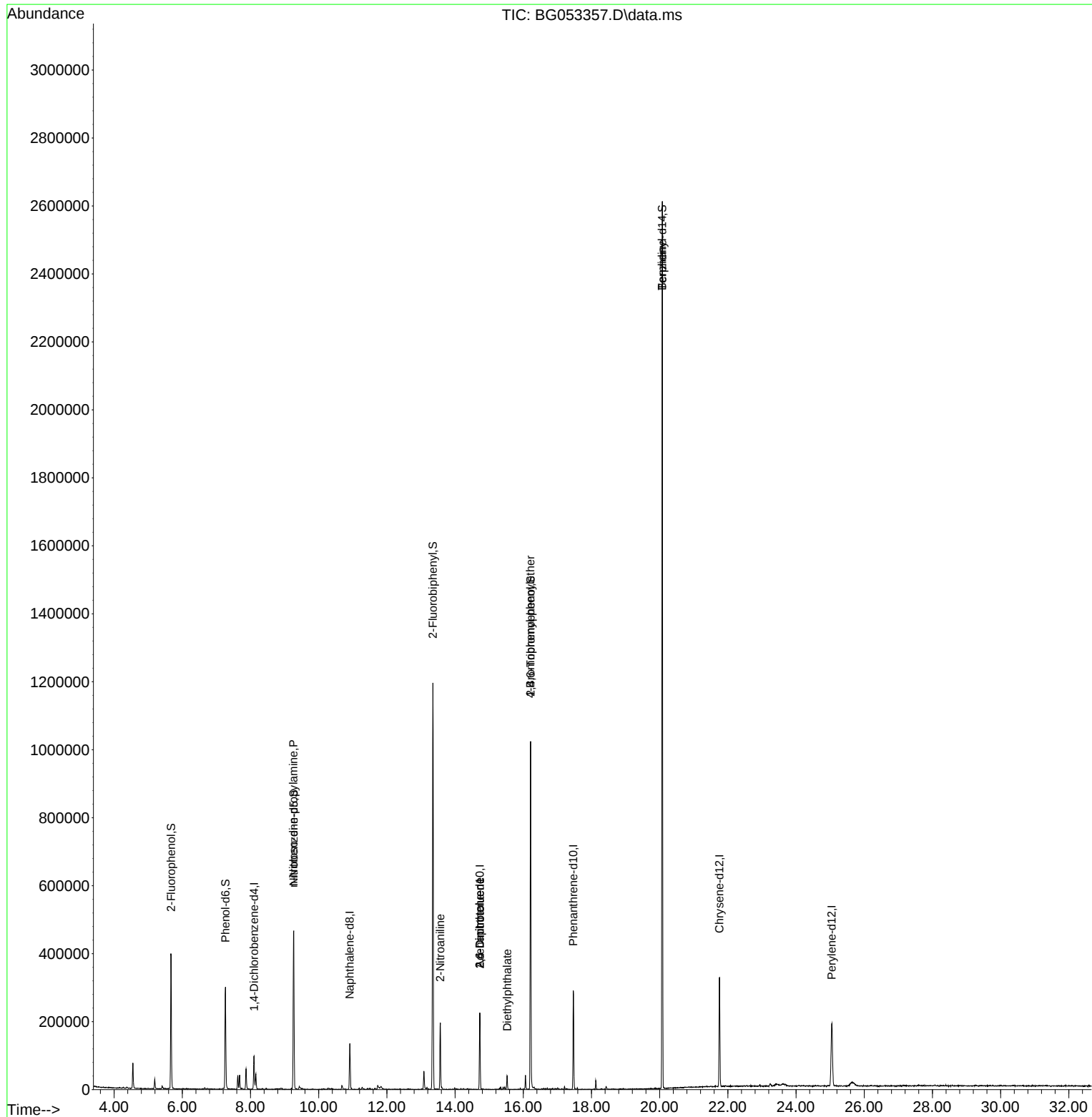
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.105	152	27994	20.000	ng	0.00
21) Naphthalene-d8	10.913	136	110049	20.000	ng	0.00
39) Acenaphthene-d10	14.726	164	78222	20.000	ng	0.00
64) Phenanthrene-d10	17.469	188	192137	20.000	ng	-0.01
76) Chrysene-d12	21.752	240	217530	20.000	ng	-0.01
86) Perylene-d12	25.047	264	220340	20.000	ng	#-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.673	112	168357	103.092	ng	0.00
7) Phenol-d6	7.265	99	174029	69.104	ng	0.00
23) Nitrobenzene-d5	9.268	82	300838	110.997	ng	0.00
42) 2,4,6-Tribromophenol	16.218	330	210015	168.757	ng	0.00
45) 2-Fluorobiphenyl	13.351	172	624883	110.155	ng	0.00
79) Terphenyl-d14	20.077	244	1330843	103.327	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.263	70	43681	23.692	ng	# 72
48) 2-Nitroaniline	13.563	65	6318	3.704	ng	# 16
51) 2,6-Dinitrotoluene	14.726	165	10523	8.062	ng	# 27
57) 2,4-Dinitrotoluene	14.726	165	10523	5.663	ng	# 25
60) Diethylphthalate	15.531	149	21928	3.345	ng	# 98
67) 4-Bromophenyl-phenylether	16.212	248	13801	5.606	ng	# 1
77) Benzidine	20.077	184	22588	3.639	ng	# 90

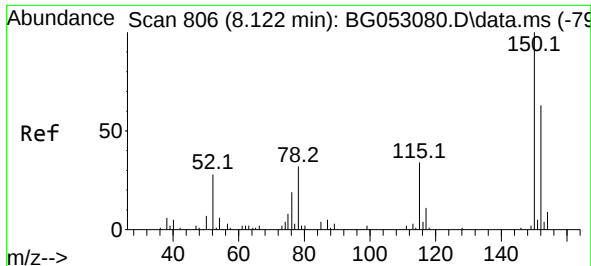
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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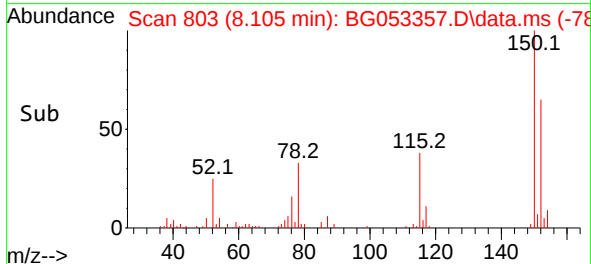
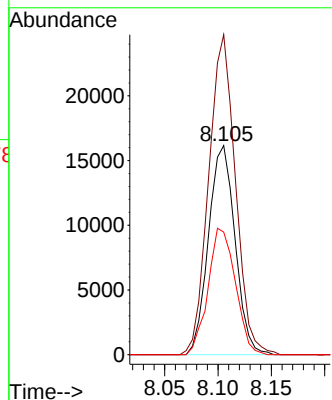
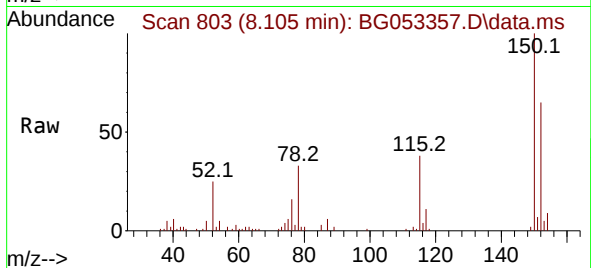




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.105 min Scan# 806
Delta R.T. -0.008 min
Lab File: BG053357.D
Acq: 28 Apr 2022 2:36

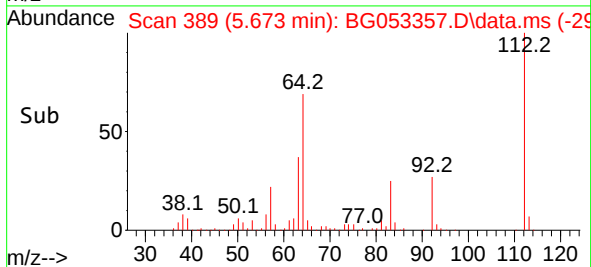
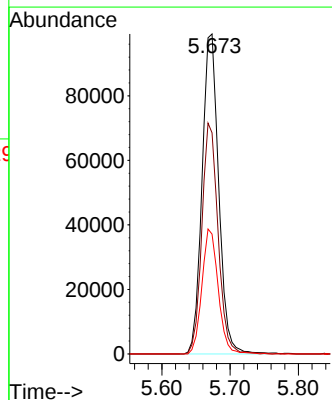
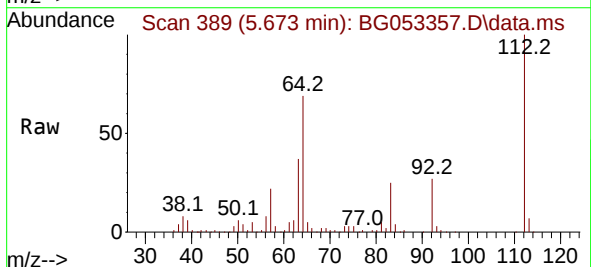
Instrument :
BNA_G
ClientSampleId :
MW-15

Tgt Ion:152 Resp: 27994
Ion Ratio Lower Upper
152 100
150 153.0 114.6 172.0
115 58.6 45.9 68.9



#5
2-Fluorophenol
Concen: 103.092 ng
RT: 5.673 min Scan# 389
Delta R.T. -0.002 min
Lab File: BG053357.D
Acq: 28 Apr 2022 2:36

Tgt Ion:112 Resp: 168357
Ion Ratio Lower Upper
112 100
64 69.1 48.0 72.0
63 37.5 26.5 39.7

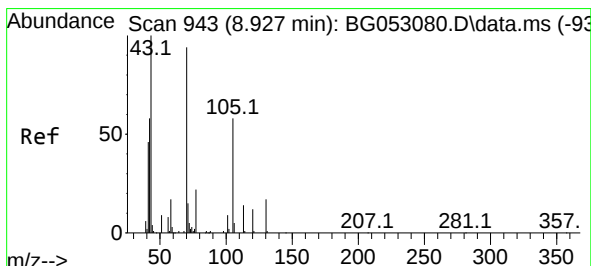
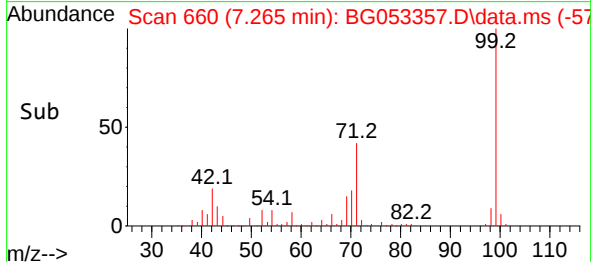
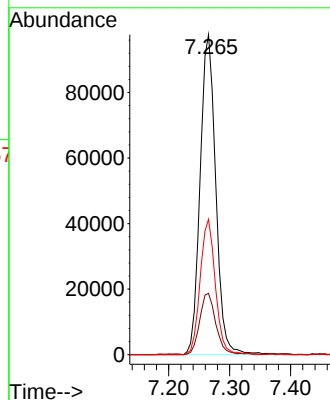
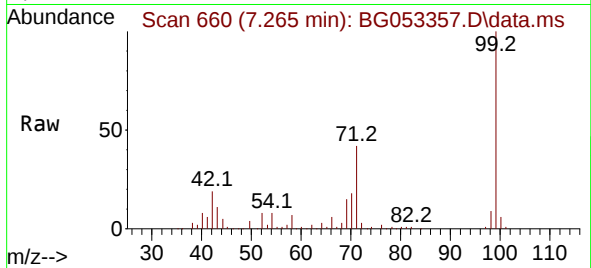




#7
Phenol-d6
Concen: 69.104 ng
RT: 7.265 min Scan# 60
Delta R.T. -0.008 min
Lab File: BG053357.D
Acq: 28 Apr 2022 2:36

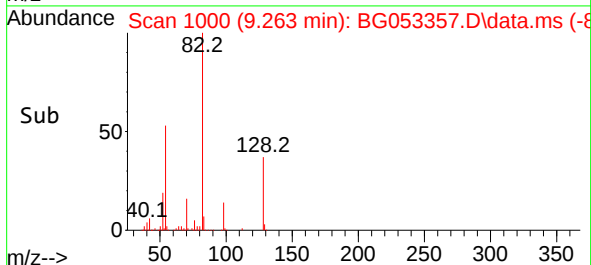
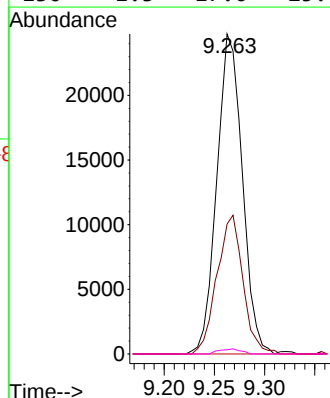
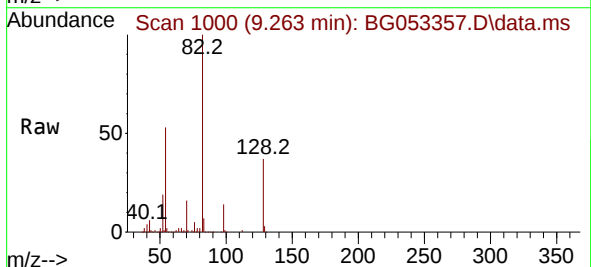
Instrument :
BNA_G
ClientSampleId :
MW-15

Tgt Ion: 99 Resp: 174029
Ion Ratio Lower Upper
99 100
42 19.1 14.7 22.1
71 42.3 29.2 43.8



#19
n-Nitroso-di-n-propylamine
Concen: 23.692 ng
RT: 9.263 min Scan# 1000
Delta R.T. 0.350 min
Lab File: BG053357.D
Acq: 28 Apr 2022 2:36

Tgt Ion: 70 Resp: 43681
Ion Ratio Lower Upper
70 100
42 40.6 46.0 69.0#
101 0.0 6.2 9.4#
130 1.3 17.0 25.4#

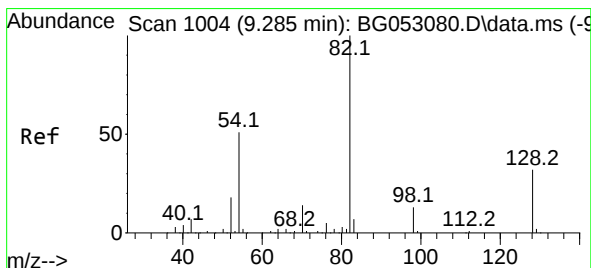
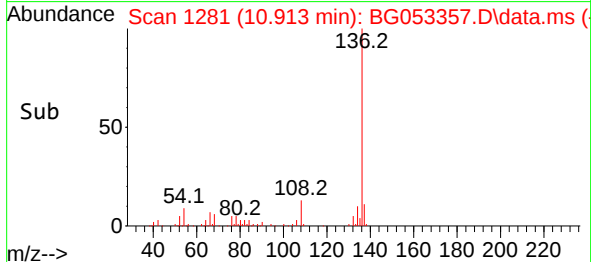
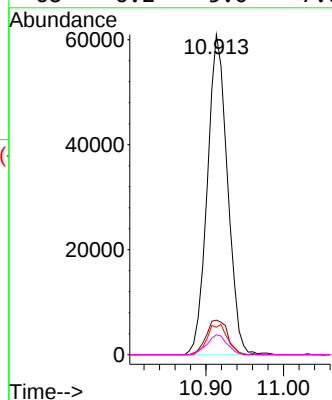
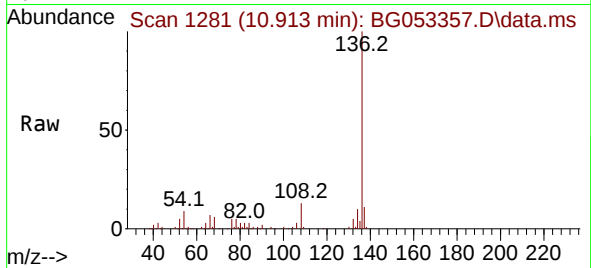




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.913 min Scan# 110049
Delta R.T. -0.008 min
Lab File: BG053357.D
Acq: 28 Apr 2022 2:36

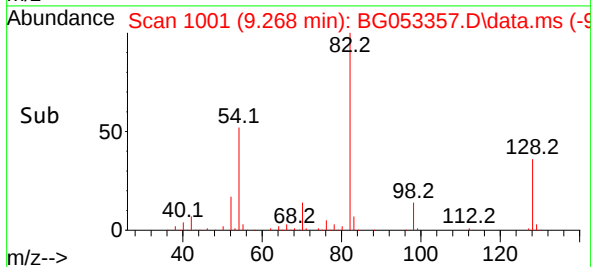
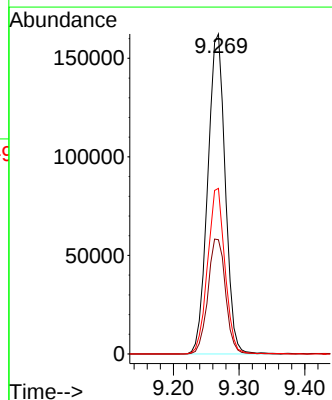
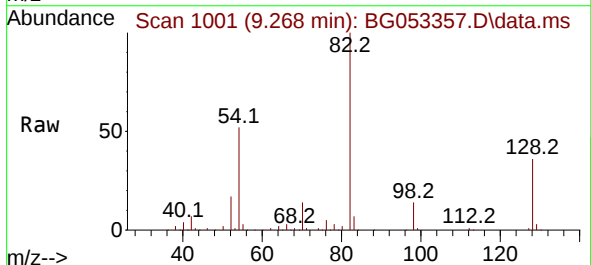
Instrument :
BNA_G
ClientSampleId :
MW-15

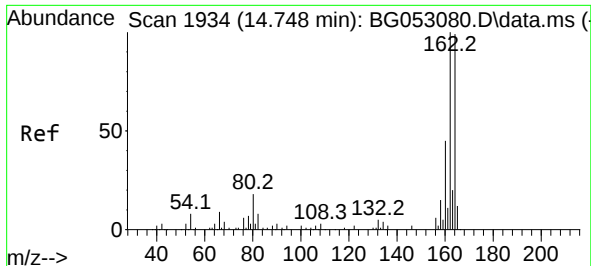
Tgt Ion:	136	Resp:	110049
Ion Ratio	Lower	Upper	
136	100		
137	10.8	9.4	14.2
54	8.6	6.4	9.6
68	6.2	5.0	7.6



#23
Nitrobenzene-d5
Concen: 110.997 ng
RT: 9.268 min Scan# 1001
Delta R.T. -0.008 min
Lab File: BG053357.D
Acq: 28 Apr 2022 2:36

Tgt Ion:	82	Resp:	300838
Ion Ratio	Lower	Upper	
82	100		
128	35.7	31.3	46.9
54	51.7	37.8	56.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.726 min Scan# 1930

Delta R.T. -0.008 min

Lab File: BG053357.D

Acq: 28 Apr 2022 2:36

Instrument :

BNA_G

ClientSampleId :

MW-15

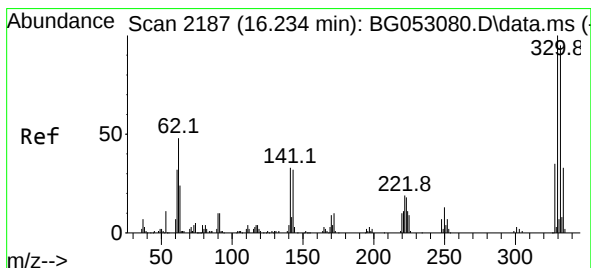
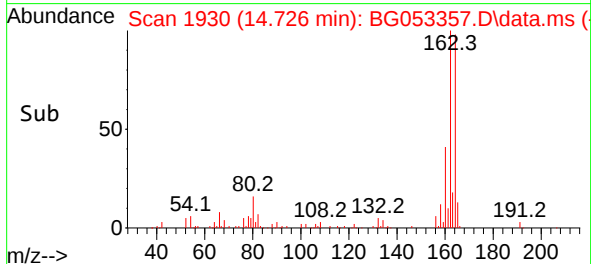
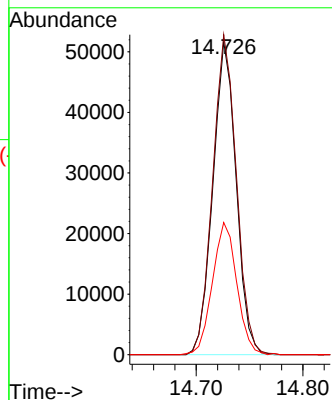
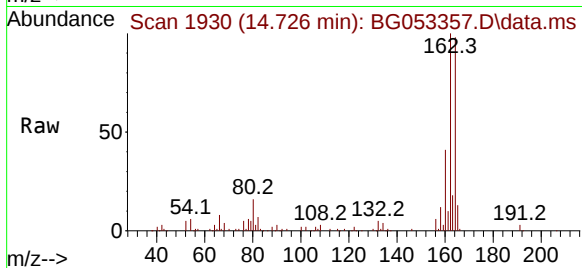
Tgt Ion:164 Resp: 78222

Ion Ratio Lower Upper

164 100

162 102.3 80.0 120.0

160 42.2 38.8 58.2



#42

2,4,6-Tribromophenol

Concen: 168.757 ng

RT: 16.218 min Scan# 2184

Delta R.T. -0.008 min

Lab File: BG053357.D

Acq: 28 Apr 2022 2:36

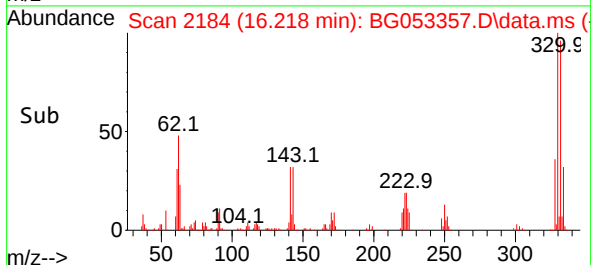
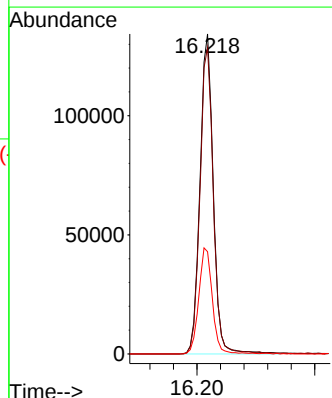
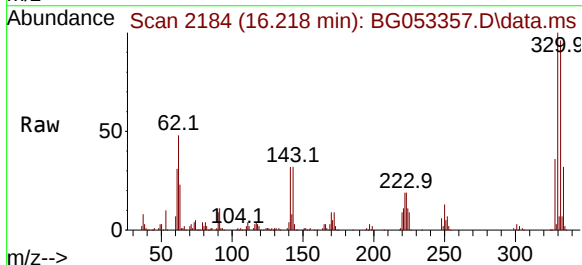
Tgt Ion:330 Resp: 210015

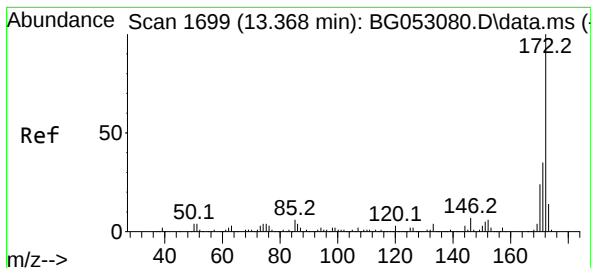
Ion Ratio Lower Upper

330 100

332 96.5 75.8 113.6

141 33.9 24.6 36.8

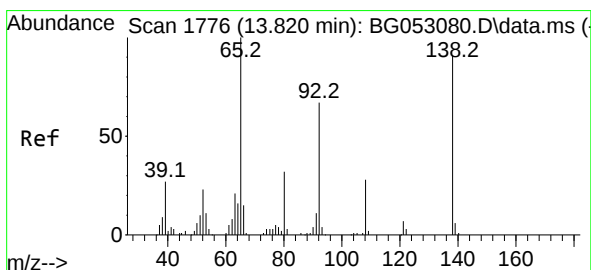
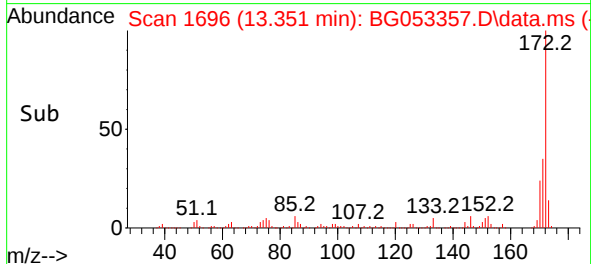
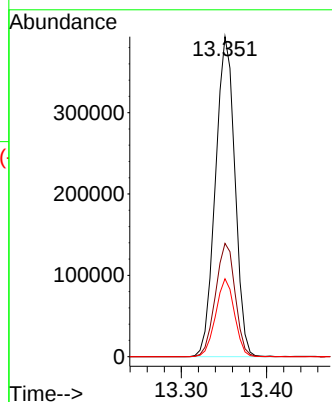
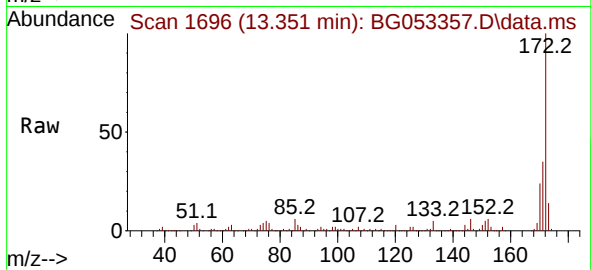




#45
2-Fluorobiphenyl
Concen: 110.155 ng
RT: 13.351 min Scan# 1
Delta R.T. -0.008 min
Lab File: BG053357.D
Acq: 28 Apr 2022 2:36

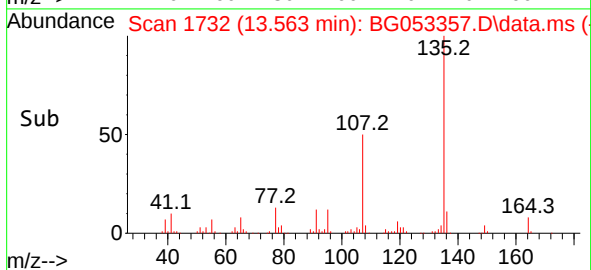
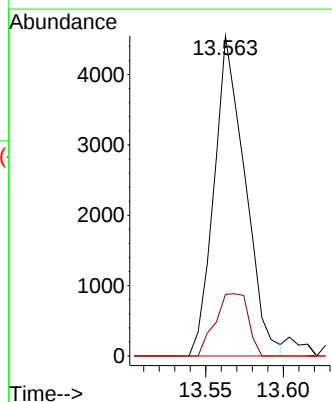
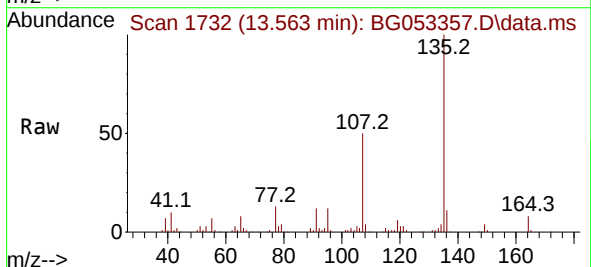
Instrument :
BNA_G
ClientSampleId :
MW-15

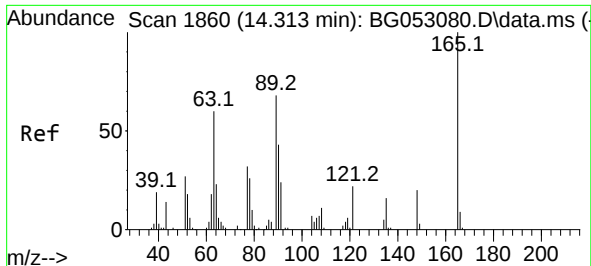
Tgt Ion:172 Resp: 624883
Ion Ratio Lower Upper
172 100
171 35.4 28.3 42.5
170 24.4 18.0 27.0



#48
2-Nitroaniline
Concen: 3.704 ng
RT: 13.563 min Scan# 1732
Delta R.T. -0.249 min
Lab File: BG053357.D
Acq: 28 Apr 2022 2:36

Tgt Ion: 65 Resp: 6318
Ion Ratio Lower Upper
65 100
92 19.2 52.1 78.1#
138 0.0 80.1 120.1#





#51

2,6-Dinitrotoluene

Concen: 8.062 ng

RT: 14.726 min Scan# 1930

Delta R.T. 0.421 min

Lab File: BG053357.D

Acq: 28 Apr 2022 2:36

Instrument :

BNA_G

ClientSampleId :

MW-15

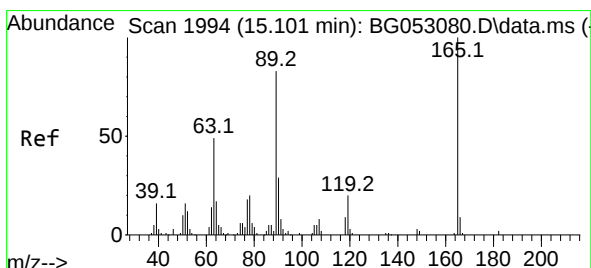
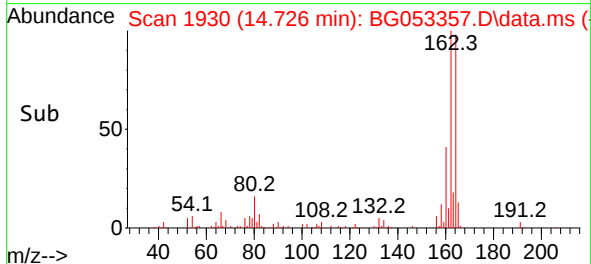
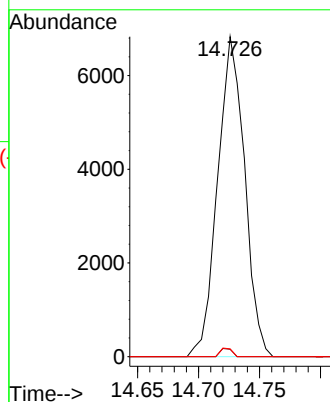
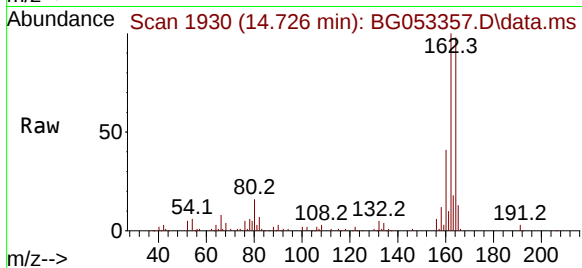
Tgt Ion:165 Resp: 10523

Ion Ratio Lower Upper

165 100

63 2.3 43.7 65.5#

89 2.4 45.0 67.4#



#57

2,4-Dinitrotoluene

Concen: 5.663 ng

RT: 14.726 min Scan# 1930

Delta R.T. -0.366 min

Lab File: BG053357.D

Acq: 28 Apr 2022 2:36

Tgt Ion:165 Resp: 10523

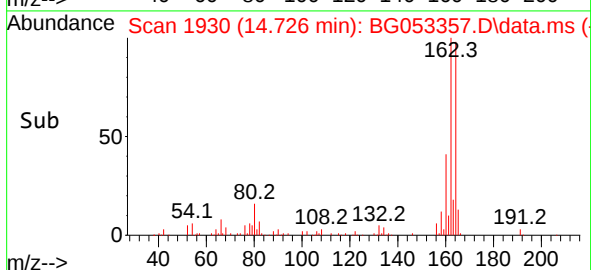
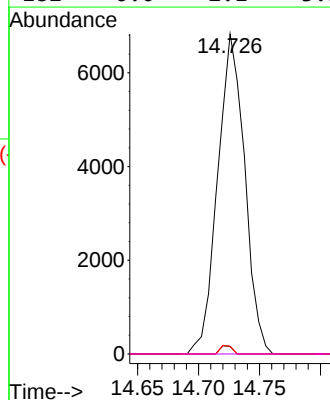
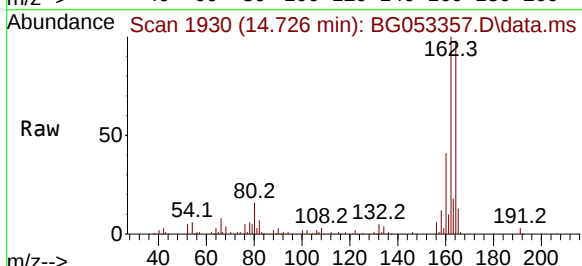
Ion Ratio Lower Upper

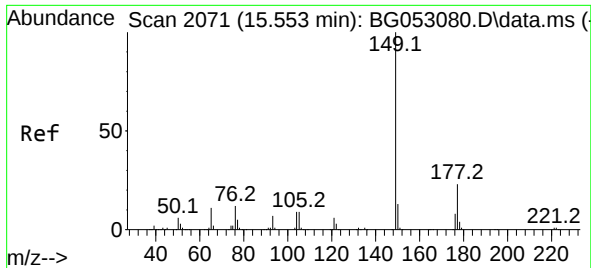
165 100

63 2.3 34.8 52.2#

89 2.4 57.4 86.0#

182 0.0 2.1 3.1#

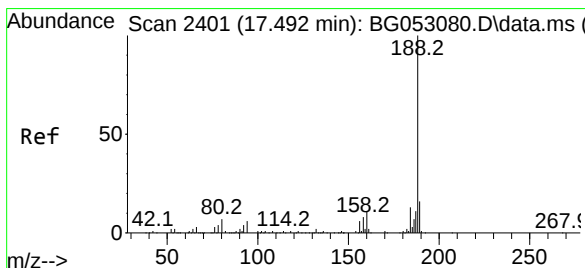
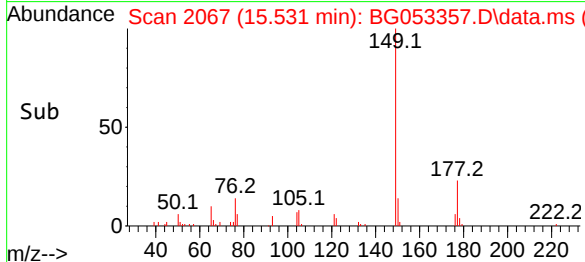
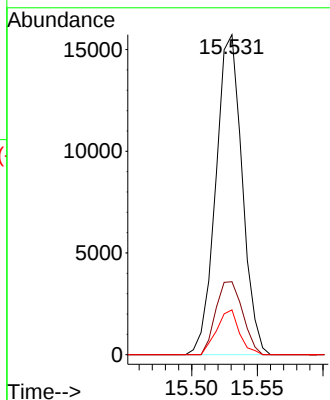
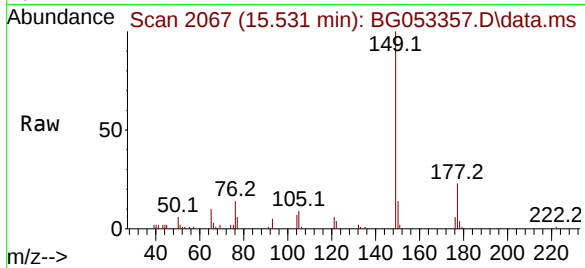




#60
Diethylphthalate
Concen: 3.345 ng
RT: 15.531 min Scan# 2071
Delta R.T. -0.008 min
Lab File: BG053357.D
Acq: 28 Apr 2022 2:36

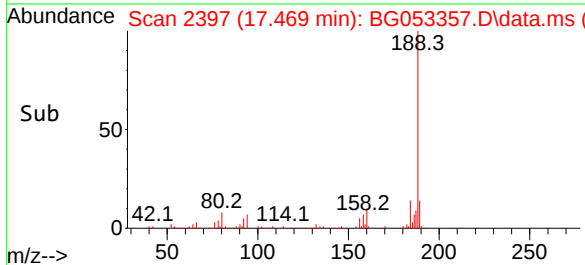
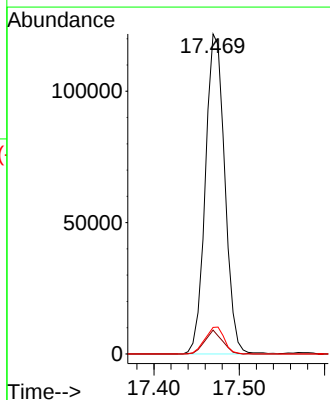
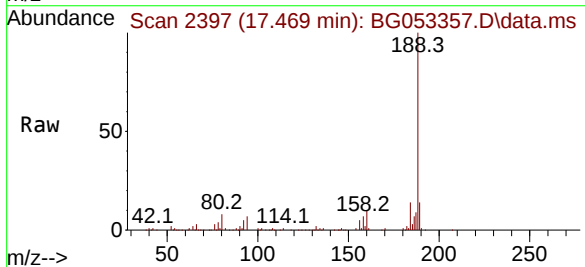
Instrument :
BNA_G
ClientSampleId :
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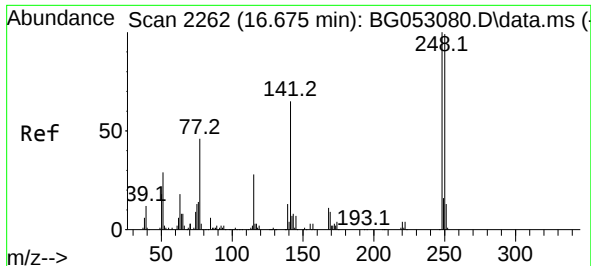
Tgt Ion:149 Resp: 21928
Ion Ratio Lower Upper
149 100
177 22.8 18.2 27.2
150 14.0 9.9 14.9



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.469 min Scan# 2397
Delta R.T. -0.014 min
Lab File: BG053357.D
Acq: 28 Apr 2022 2:36

Tgt Ion:188 Resp: 192137
Ion Ratio Lower Upper
188 100
94 7.5 5.7 8.5
80 8.3 7.2 10.8

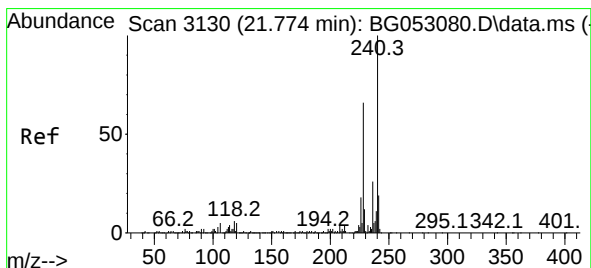
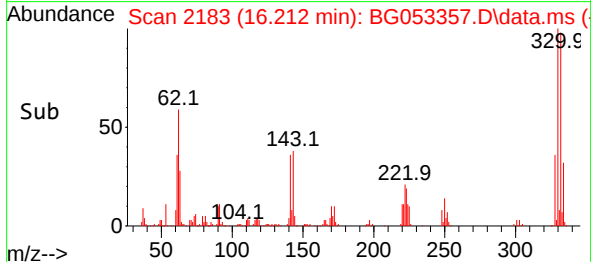
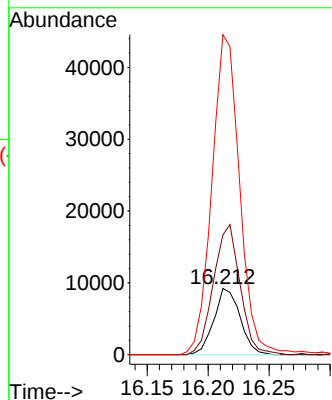
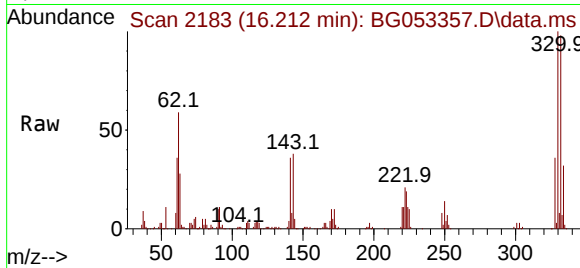




#67
4-Bromophenyl-phenylether
Concen: 5.606 ng
RT: 16.212 min Scan# 2183
Delta R.T. -0.449 min
Lab File: BG053357.D
Acq: 28 Apr 2022 2:36

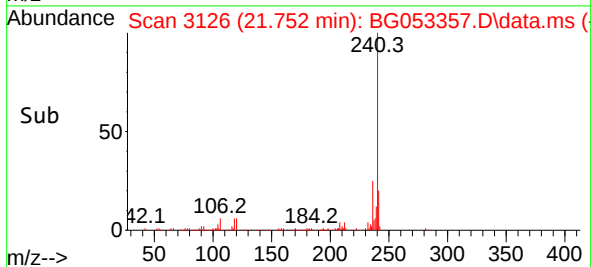
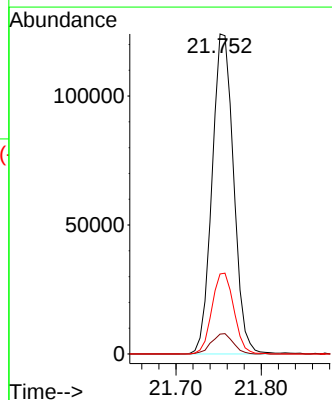
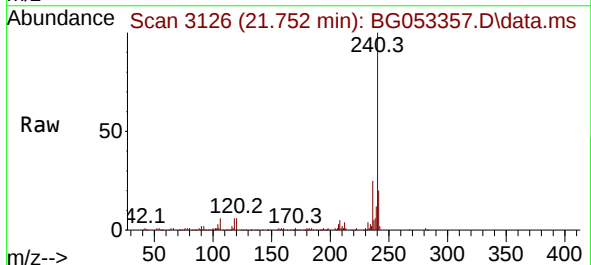
Instrument :
BNA_G
ClientSampleId :
MW-15

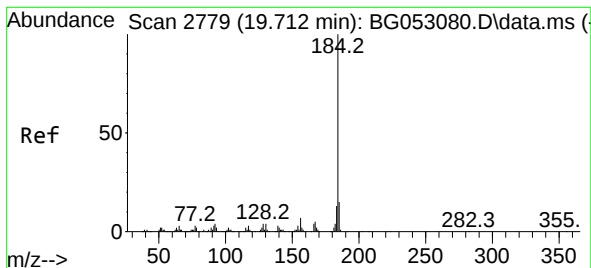
Tgt Ion:248 Resp: 13801
Ion Ratio Lower Upper
248 100
250 181.1 77.9 116.9#
141 483.2 49.2 73.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.752 min Scan# 3126
Delta R.T. -0.014 min
Lab File: BG053357.D
Acq: 28 Apr 2022 2:36

Tgt Ion:240 Resp: 217530
Ion Ratio Lower Upper
240 100
120 6.2 5.4 8.0
236 25.0 19.8 29.6





#77

Benzidine

Concen: 3.639 ng

RT: 20.077 min Scan# 2841

Delta R.T. 0.374 min

Lab File: BG053357.D

Acq: 28 Apr 2022 2:36

Instrument :

BNA_G

ClientSampleId :

MW-15

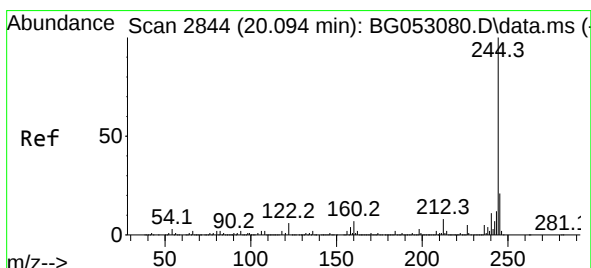
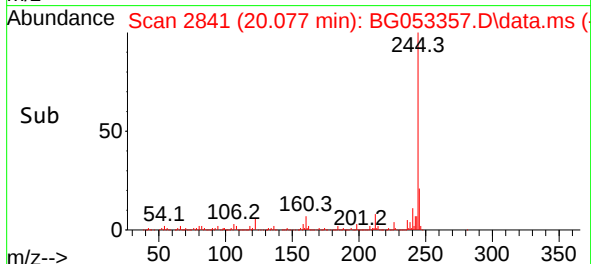
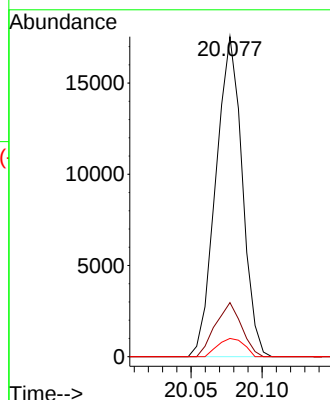
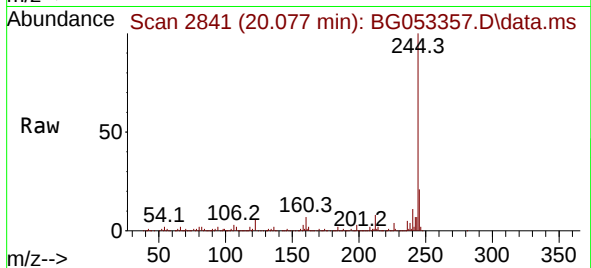
Tgt Ion:184 Resp: 22588

Ion Ratio Lower Upper

184 100

185 16.9 11.5 17.3

183 5.7 9.4 14.2#



#79

Terphenyl-d14

Concen: 103.327 ng

RT: 20.077 min Scan# 2841

Delta R.T. -0.008 min

Lab File: BG053357.D

Acq: 28 Apr 2022 2:36

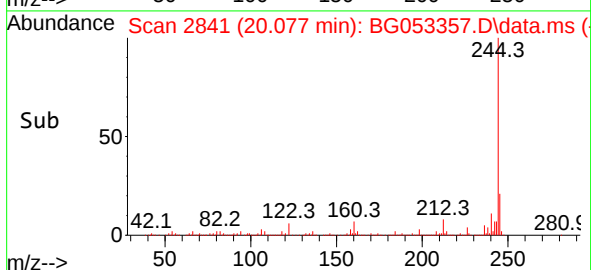
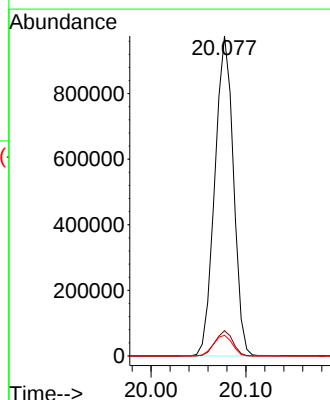
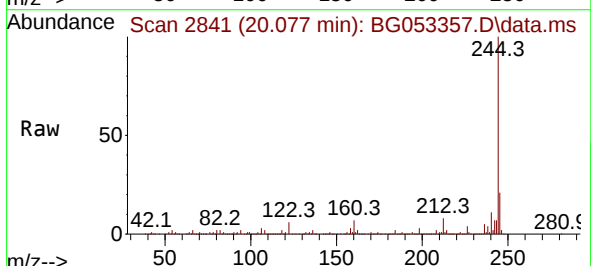
Tgt Ion:244 Resp: 1330843

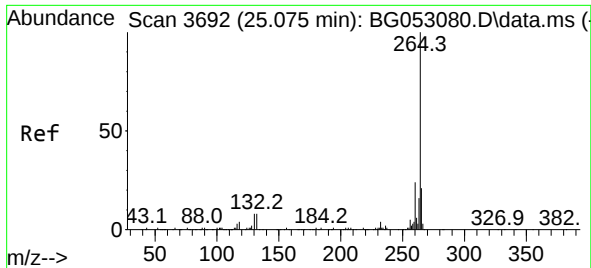
Ion Ratio Lower Upper

244 100

212 7.9 5.4 8.2

122 6.4 5.8 8.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.047 min Scan# 30
 Delta R.T. -0.014 min
 Lab File: BG053357.D
 Acq: 28 Apr 2022 2:36

Instrument :
 BNA_G
 ClientSampleId :
 MW-15

Tgt Ion:264 Resp: 220340
 Ion Ratio Lower Upper
 264 100
 260 22.9 18.2 27.2
 265 22.8 15.1 22.7#

