

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042022\
 Data File : BG053232.D
 Acq On : 21 Apr 2022 1:40
 Operator : CG/JU
 Sample : N2468-08
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-15-1-7

Quant Time: Apr 21 06:05:49 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 08 15:31:24 2022
 Response via : Initial Calibration

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

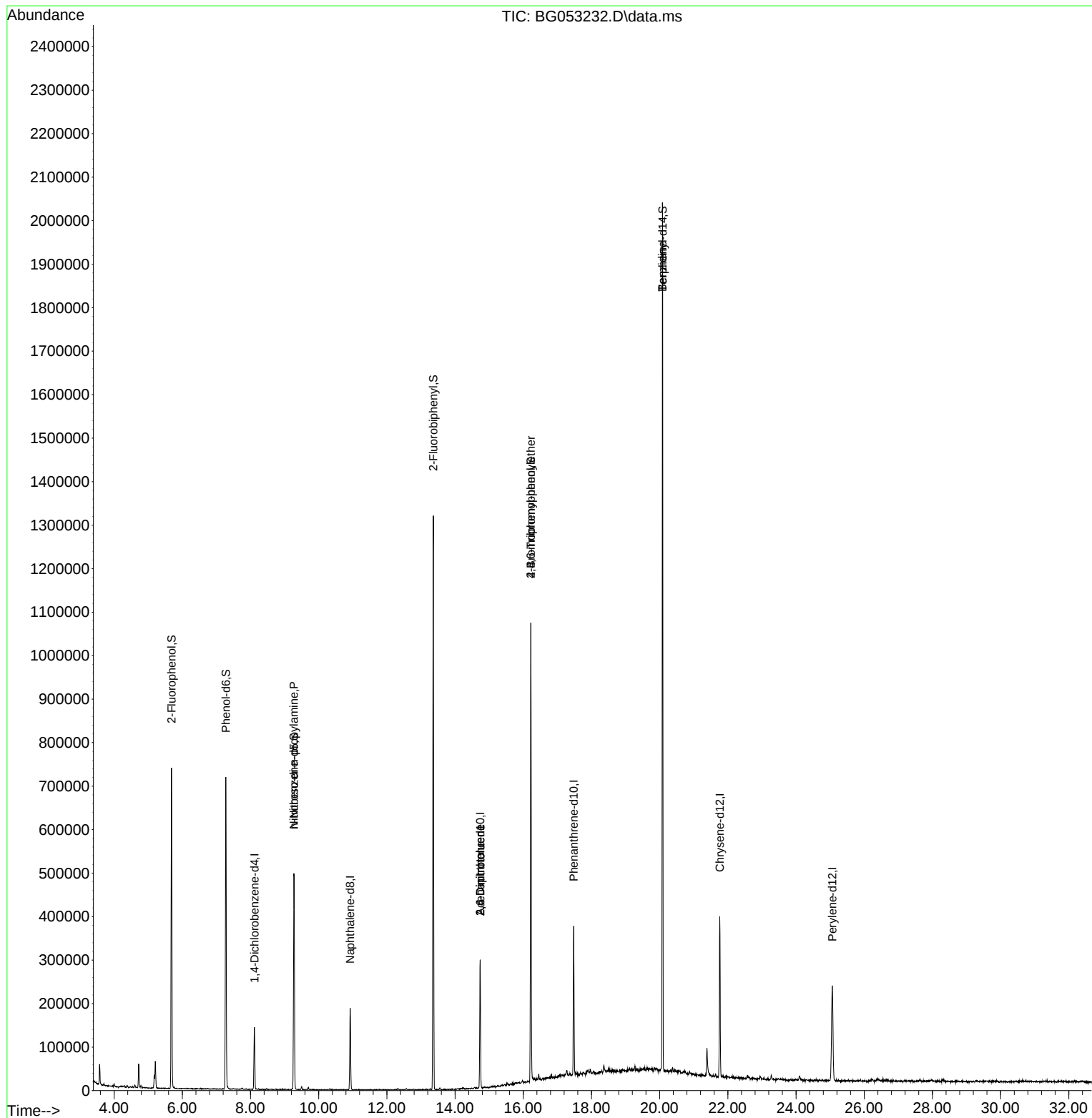
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.116	152	40268	20.000	ng	0.00
21) Naphthalene-d8	10.924	136	152545	20.000	ng	-0.01
39) Acenaphthene-d10	14.737	164	105220	20.000	ng	-0.01
64) Phenanthrene-d10	17.480	188	216912	20.000	ng	-0.01
76) Chrysene-d12	21.762	240	230273	20.000	ng	-0.01
86) Perylene-d12	25.064	264	249938	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.684	112	300449	127.899	ng	0.00
7) Phenol-d6	7.276	99	401424	110.812	ng	0.00
23) Nitrobenzene-d5	9.273	82	325721	86.698	ng	-0.01
42) 2,4,6-Tribromophenol	16.223	330	208135	124.333	ng	-0.01
45) 2-Fluorobiphenyl	13.362	172	696517	91.278	ng	0.00
79) Terphenyl-d14	20.088	244	1019676	74.787	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.273	70	47928	18.072	ng	# 75
51) 2,6-Dinitrotoluene	14.737	165	14130	8.048	ng	# 25
57) 2,4-Dinitrotoluene	14.737	165	14130	5.653	ng	# 24
67) 4-Bromophenyl-phenylether	16.223	248	14084	5.067	ng	# 1
77) Benzidine	20.082	184	18087	2.753	ng	# 91

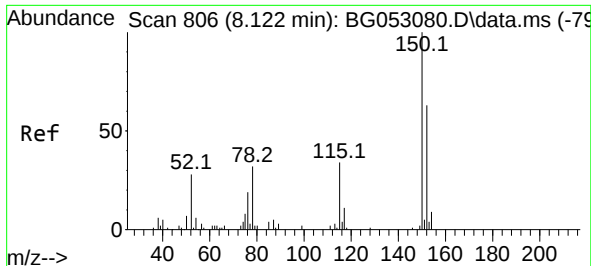
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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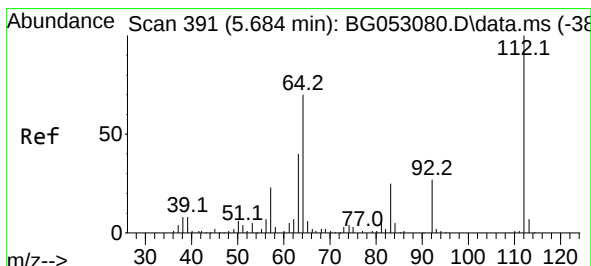
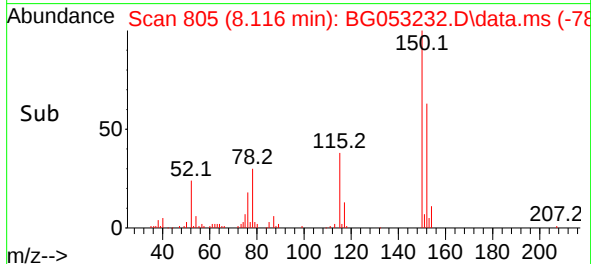
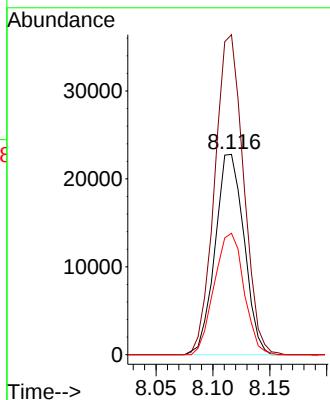
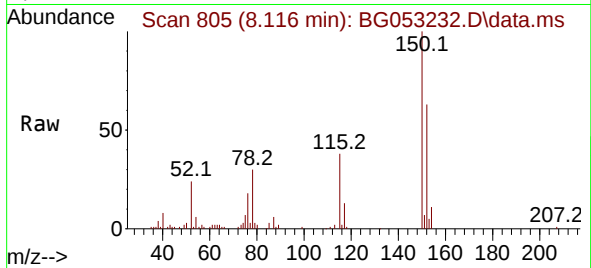




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.116 min Scan# 806
 Delta R.T. -0.006 min
 Lab File: BG053232.D
 Acq: 21 Apr 2022 1:40

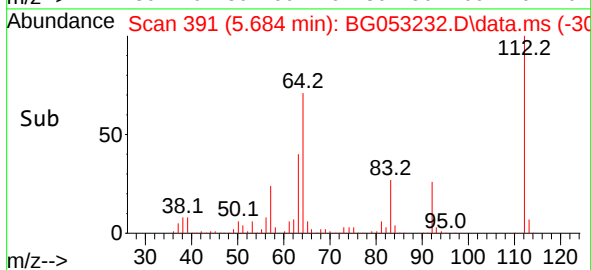
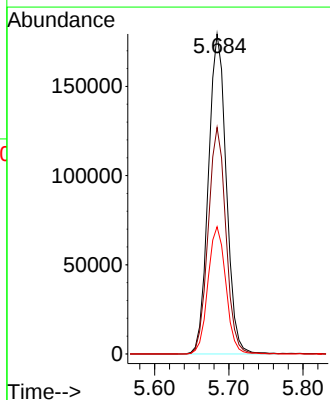
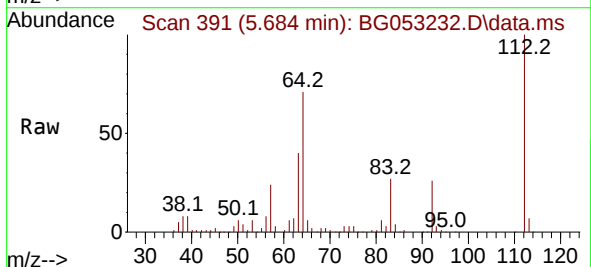
Instrument :
 BNA_G
 ClientSampleId :
 WC-15-1-7

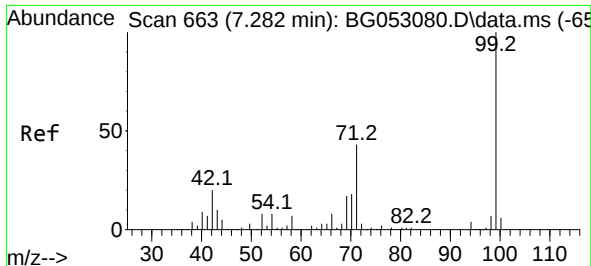
Tgt Ion:152 Resp: 40268
 Ion Ratio Lower Upper
 152 100
 150 159.7 114.6 172.0
 115 60.6 45.9 68.9



#5
 2-Fluorophenol
 Concen: 127.899 ng
 RT: 5.684 min Scan# 391
 Delta R.T. 0.000 min
 Lab File: BG053232.D
 Acq: 21 Apr 2022 1:40

Tgt Ion:112 Resp: 300449
 Ion Ratio Lower Upper
 112 100
 64 70.8 48.0 72.0
 63 39.7 26.5 39.7#

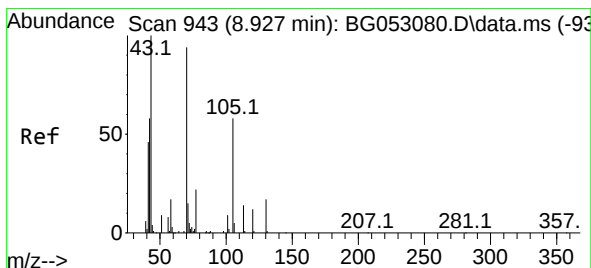
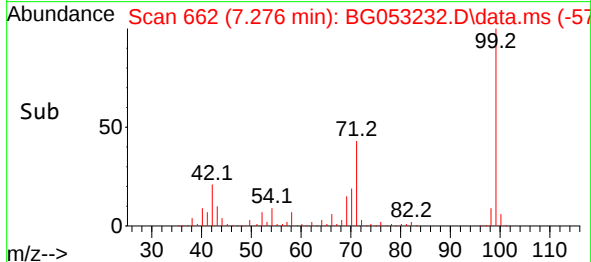
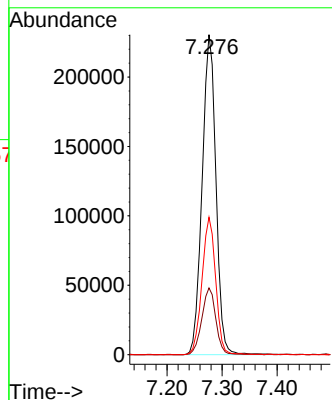
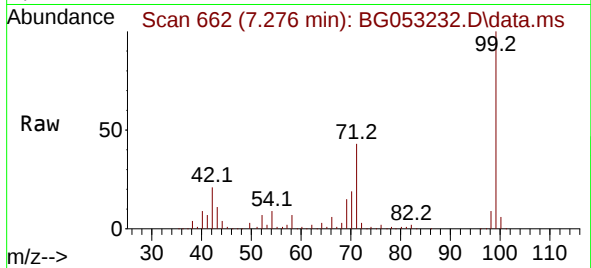




#7
Phenol-d6
Concen: 110.812 ng
RT: 7.276 min Scan# 60
Delta R.T. -0.006 min
Lab File: BG053232.D
Acq: 21 Apr 2022 1:40

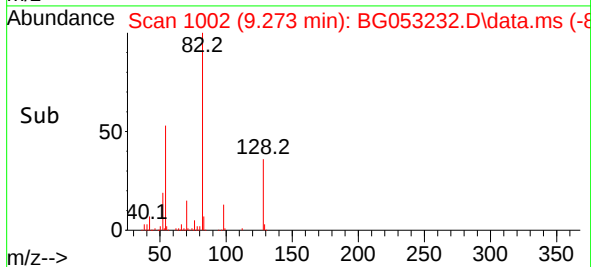
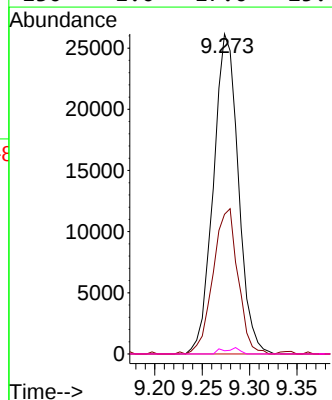
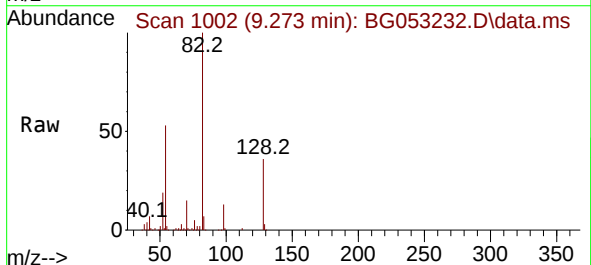
Instrument :
BNA_G
ClientSampleId :
WC-15-1-7

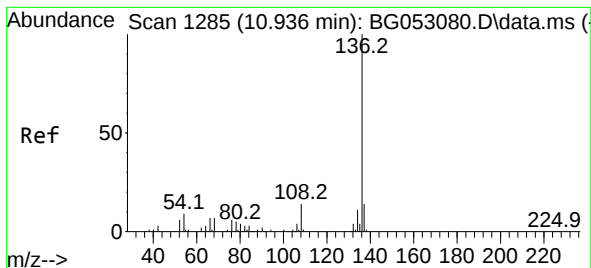
Tgt Ion: 99 Resp: 401424
Ion Ratio Lower Upper
99 100
42 20.8 14.7 22.1
71 42.9 29.2 43.8



#19
n-Nitroso-di-n-propylamine
Concen: 18.072 ng
RT: 9.273 min Scan# 1002
Delta R.T. 0.347 min
Lab File: BG053232.D
Acq: 21 Apr 2022 1:40

Tgt Ion: 70 Resp: 47928
Ion Ratio Lower Upper
70 100
42 43.6 46.0 69.0#
101 0.0 6.2 9.4#
130 1.0 17.0 25.4#

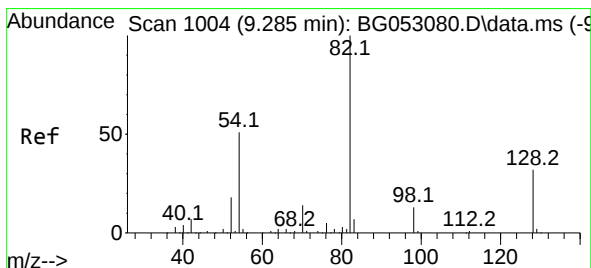
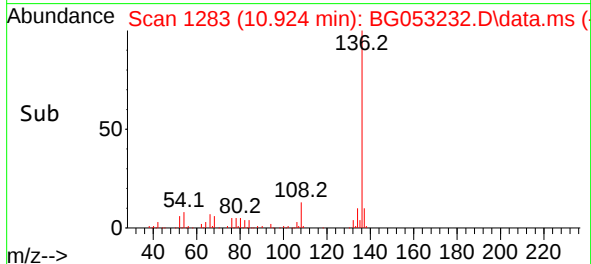
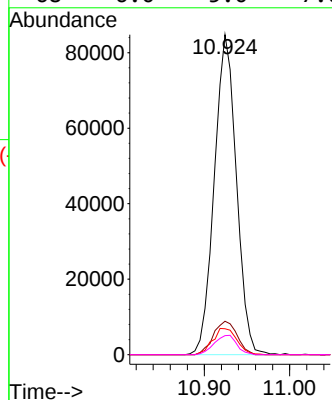
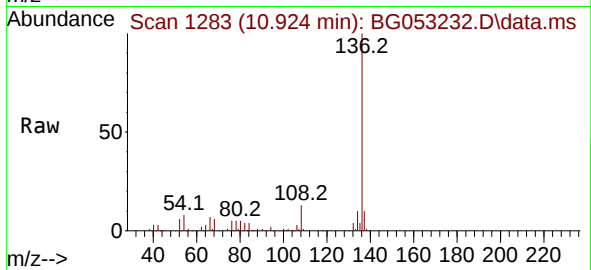




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.924 min Scan# 11
Delta R.T. -0.012 min
Lab File: BG053232.D
Acq: 21 Apr 2022 1:40

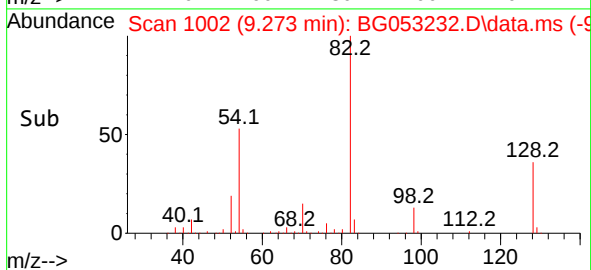
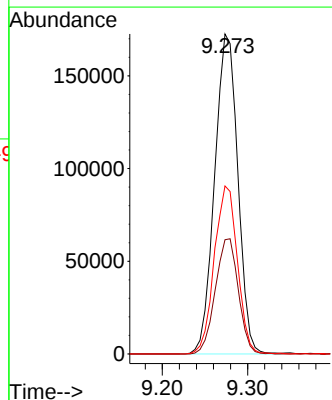
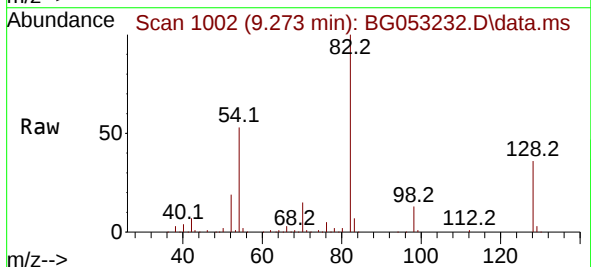
Instrument :
BNA_G
ClientSampleId :
WC-15-1-7

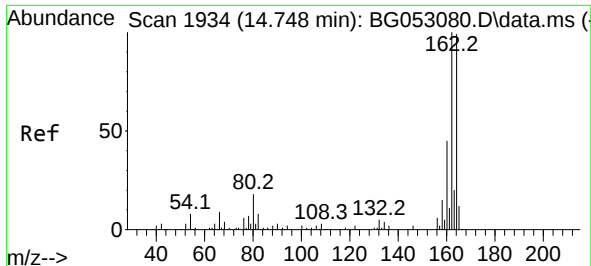
Tgt Ion:136 Resp: 152545
Ion Ratio Lower Upper
136 100
137 10.5 9.4 14.2
54 8.1 6.4 9.6
68 6.0 5.0 7.6



#23
Nitrobenzene-d5
Concen: 86.698 ng
RT: 9.273 min Scan# 1002
Delta R.T. -0.012 min
Lab File: BG053232.D
Acq: 21 Apr 2022 1:40

Tgt Ion: 82 Resp: 325721
Ion Ratio Lower Upper
82 100
128 35.7 31.3 46.9
54 52.5 37.8 56.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.737 min Scan# 1932

Delta R.T. -0.012 min

Lab File: BG053232.D

Acq: 21 Apr 2022 1:40

Instrument :

BNA_G

ClientSampleId :

WC-15-1-7

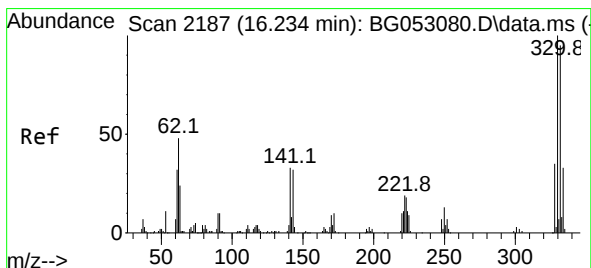
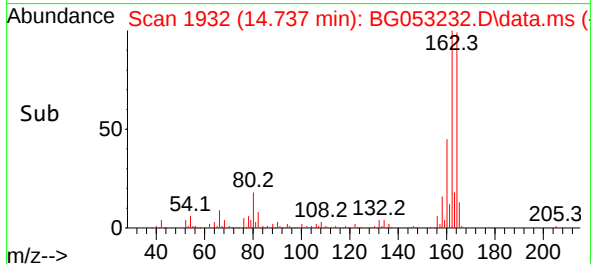
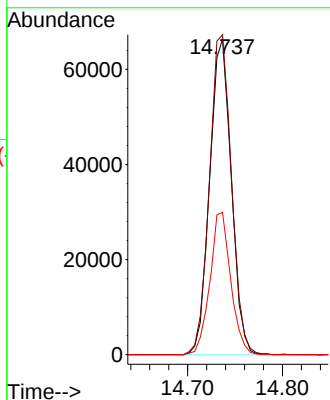
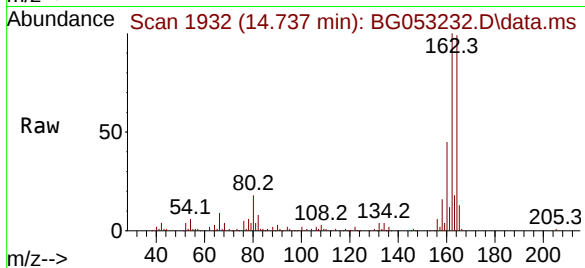
Tgt Ion:164 Resp: 105220

Ion Ratio Lower Upper

164 100

162 101.4 80.0 120.0

160 45.2 38.8 58.2



#42

2,4,6-Tribromophenol

Concen: 124.333 ng

RT: 16.223 min Scan# 2185

Delta R.T. -0.012 min

Lab File: BG053232.D

Acq: 21 Apr 2022 1:40

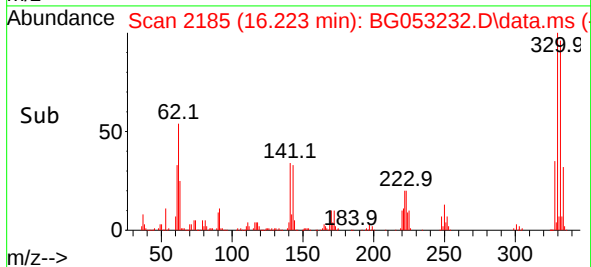
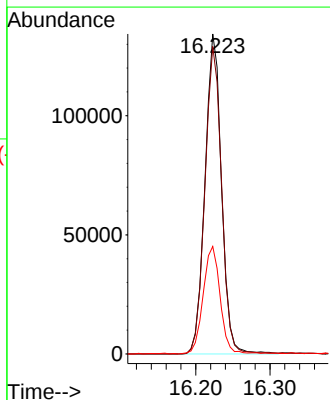
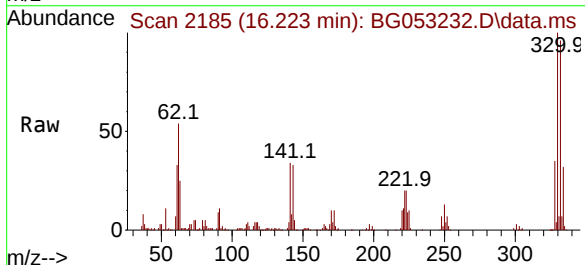
Tgt Ion:330 Resp: 208135

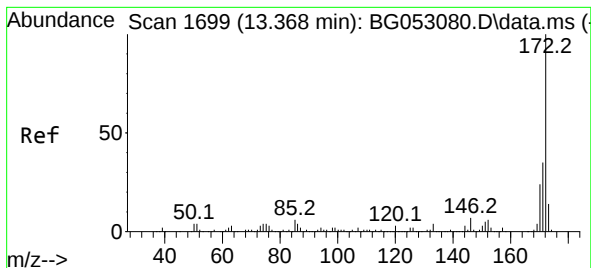
Ion Ratio Lower Upper

330 100

332 96.7 75.8 113.6

141 34.9 24.6 36.8





#45

2-Fluorobiphenyl

Concen: 91.278 ng

RT: 13.362 min Scan# 1

Delta R.T. -0.006 min

Lab File: BG053232.D

Acq: 21 Apr 2022 1:40

Instrument :

BNA_G

ClientSampleId :

WC-15-1-7

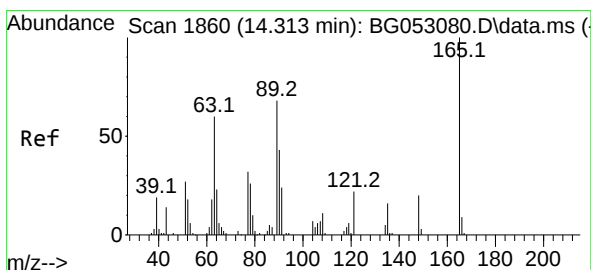
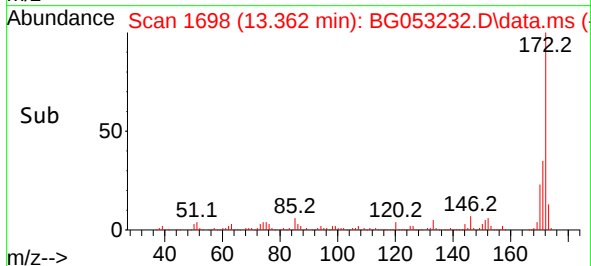
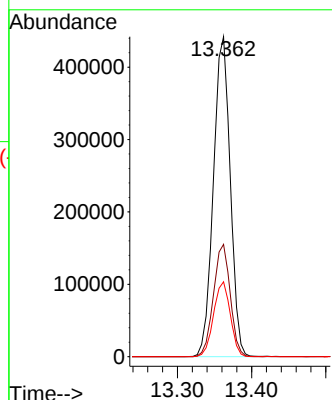
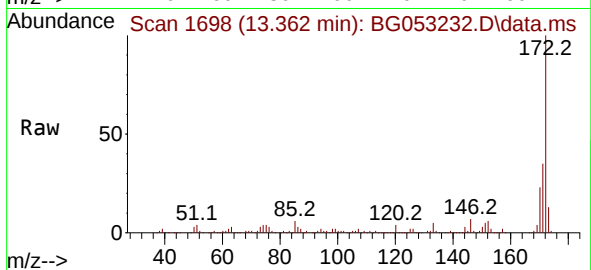
Tgt Ion:172 Resp: 696517

Ion Ratio Lower Upper

172 100

171 35.1 28.3 42.5

170 23.4 18.0 27.0



#51

2,6-Dinitrotoluene

Concen: 8.048 ng

RT: 14.737 min Scan# 1932

Delta R.T. 0.423 min

Lab File: BG053232.D

Acq: 21 Apr 2022 1:40

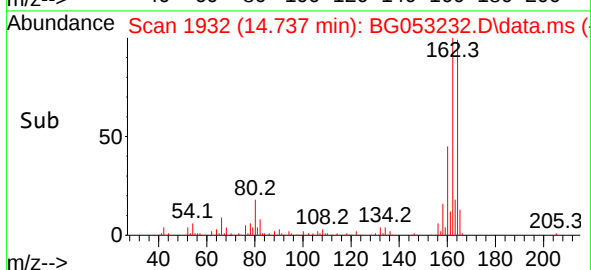
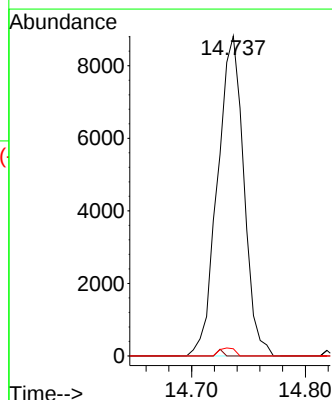
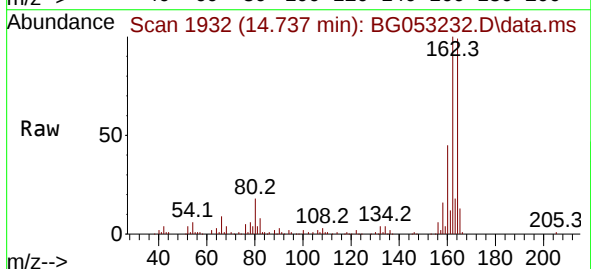
Tgt Ion:165 Resp: 14130

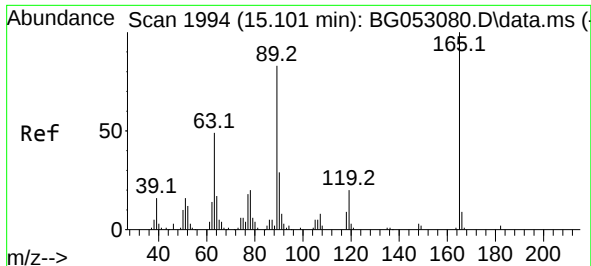
Ion Ratio Lower Upper

165 100

63 0.0 43.7 65.5#

89 2.3 45.0 67.4#

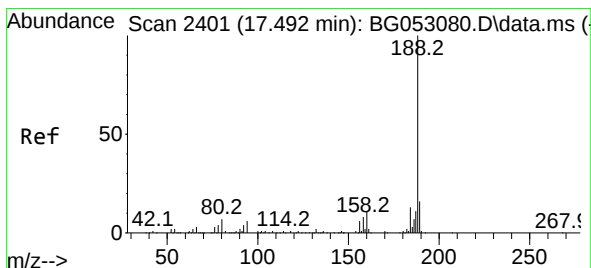
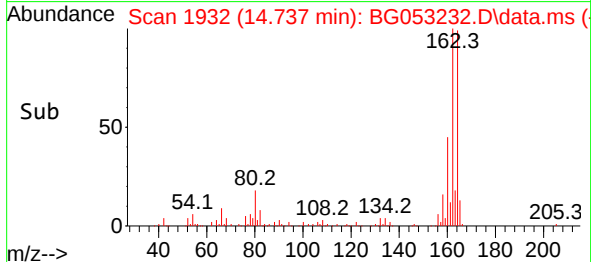
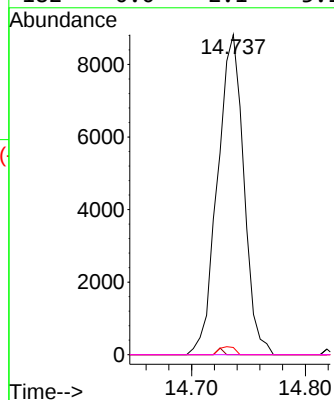
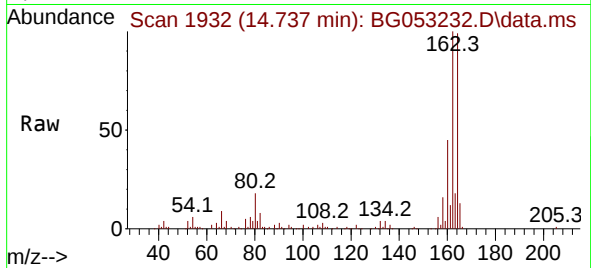




#57
2,4-Dinitrotoluene
Concen: 5.653 ng
RT: 14.737 min Scan# 14
Delta R.T. -0.364 min
Lab File: BG053232.D
Acq: 21 Apr 2022 1:40

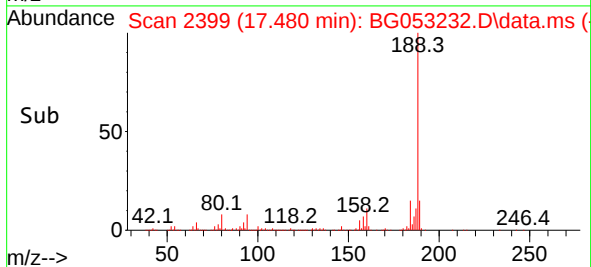
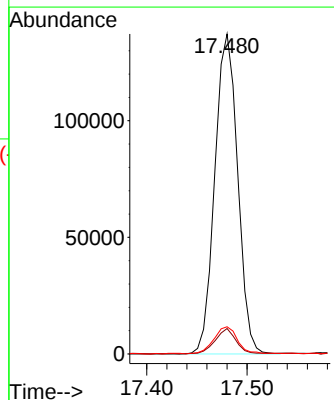
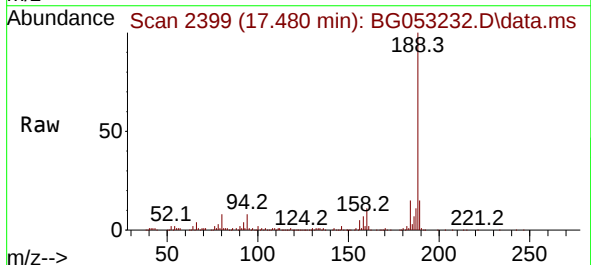
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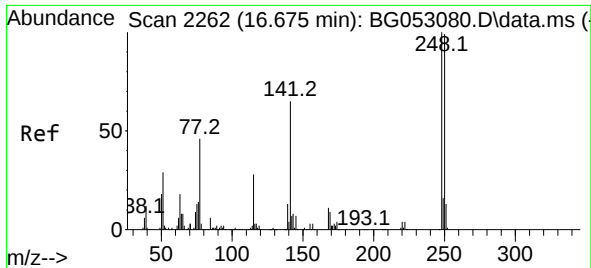
Tgt Ion:165 Resp: 14130
Ion Ratio Lower Upper
165 100
63 0.0 34.8 52.2#
89 2.3 57.4 86.0#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.480 min Scan# 2399
Delta R.T. -0.012 min
Lab File: BG053232.D
Acq: 21 Apr 2022 1:40

Tgt Ion:188 Resp: 216912
Ion Ratio Lower Upper
188 100
94 8.0 5.7 8.5
80 8.5 7.2 10.8

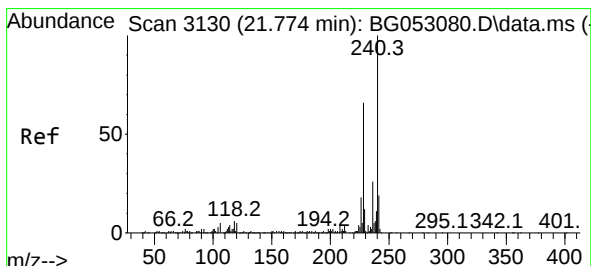
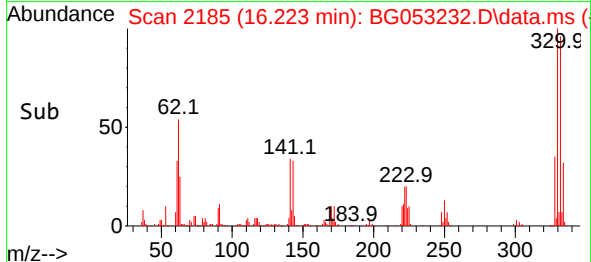
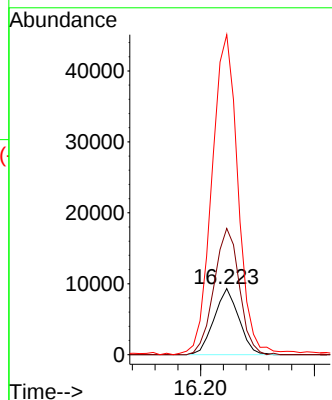
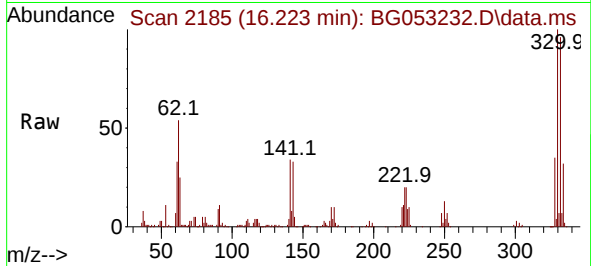




#67
4-Bromophenyl-phenylether
Concen: 5.067 ng
RT: 16.223 min Scan# 2185
Delta R.T. -0.452 min
Lab File: BG053232.D
Acq: 21 Apr 2022 1:40

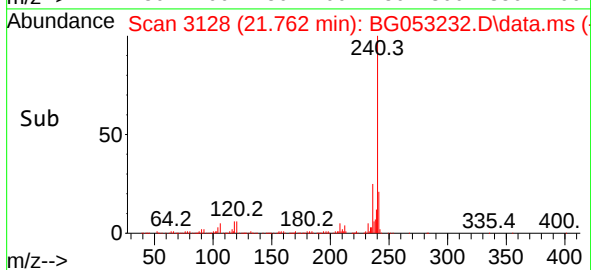
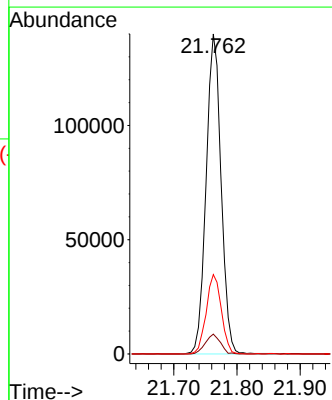
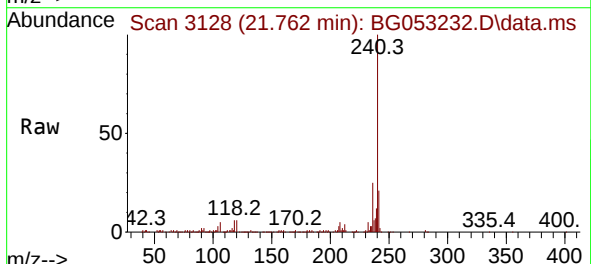
Instrument :
BNA_G
ClientSampleId :
WC-15-1-7

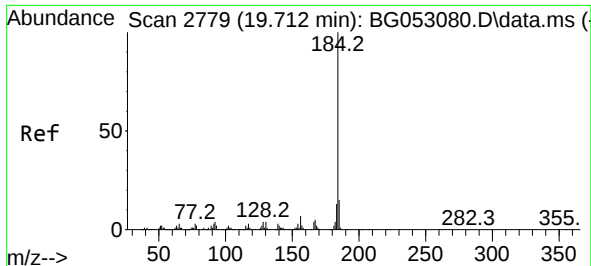
Tgt Ion:248 Resp: 14084
Ion Ratio Lower Upper
248 100
250 190.9 77.9 116.9#
141 483.6 49.2 73.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.762 min Scan# 3128
Delta R.T. -0.012 min
Lab File: BG053232.D
Acq: 21 Apr 2022 1:40

Tgt Ion:240 Resp: 230273
Ion Ratio Lower Upper
240 100
120 6.2 5.4 8.0
236 24.8 19.8 29.6

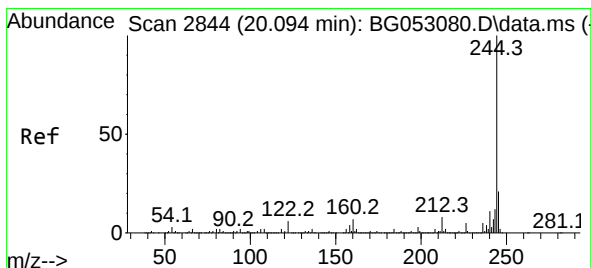
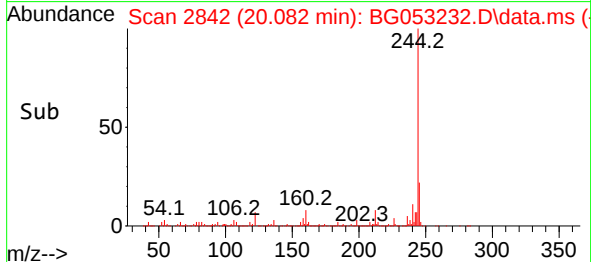
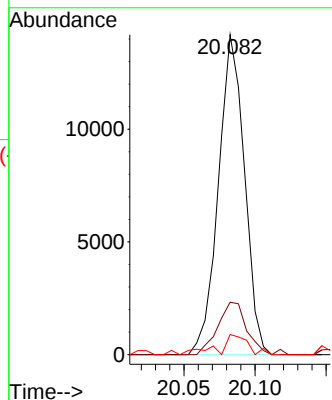
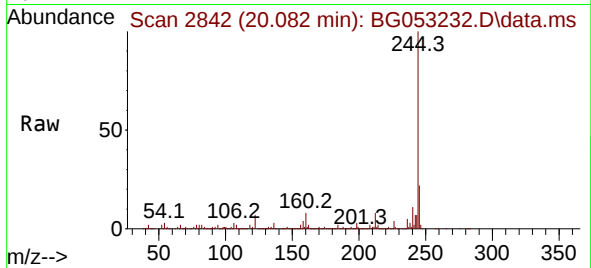




#77
Benzidine
Concen: 2.753 ng
RT: 20.082 min Scan# 21
Delta R.T. 0.370 min
Lab File: BG053232.D
Acq: 21 Apr 2022 1:40

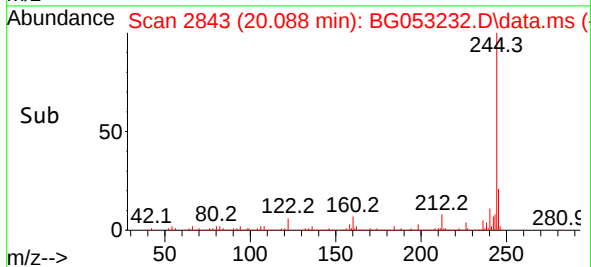
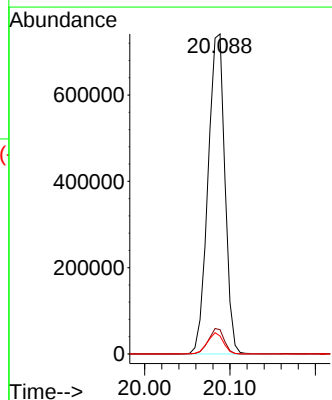
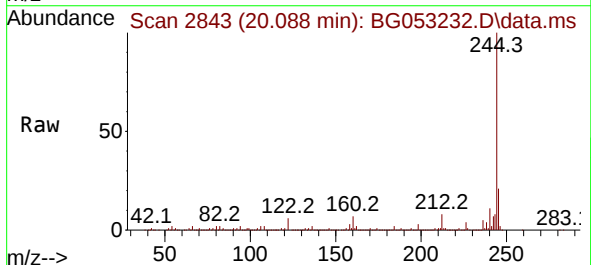
Instrument :
BNA_G
ClientSampleId :
WC-15-1-7

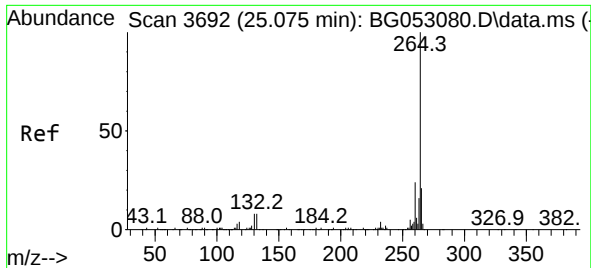
Tgt Ion:184 Resp: 18087
Ion Ratio Lower Upper
184 100
185 16.4 11.5 17.3
183 6.3 9.4 14.2#



#79
Terphenyl-d14
Concen: 74.787 ng
RT: 20.088 min Scan# 2843
Delta R.T. -0.006 min
Lab File: BG053232.D
Acq: 21 Apr 2022 1:40

Tgt Ion:244 Resp: 1019676
Ion Ratio Lower Upper
244 100
212 7.6 5.4 8.2
122 5.6 5.8 8.6#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.064 min Scan# 30
 Delta R.T. -0.012 min
 Lab File: BG053232.D
 Acq: 21 Apr 2022 1:40

Instrument :
 BNA_G
 ClientSampleId :
 WC-15-1-7

Tgt Ion:264 Resp: 249938
 Ion Ratio Lower Upper
 264 100
 260 24.0 18.2 27.2
 265 20.6 15.1 22.7

