

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111621\
 Data File : BG051065.D
 Acq On : 16 Nov 2021 13:36
 Operator : CG/JU
 Sample : M4660-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FM655

Quant Time: Nov 16 14:10:15 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 15 03:55:35 2021
 Response via : Initial Calibration

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

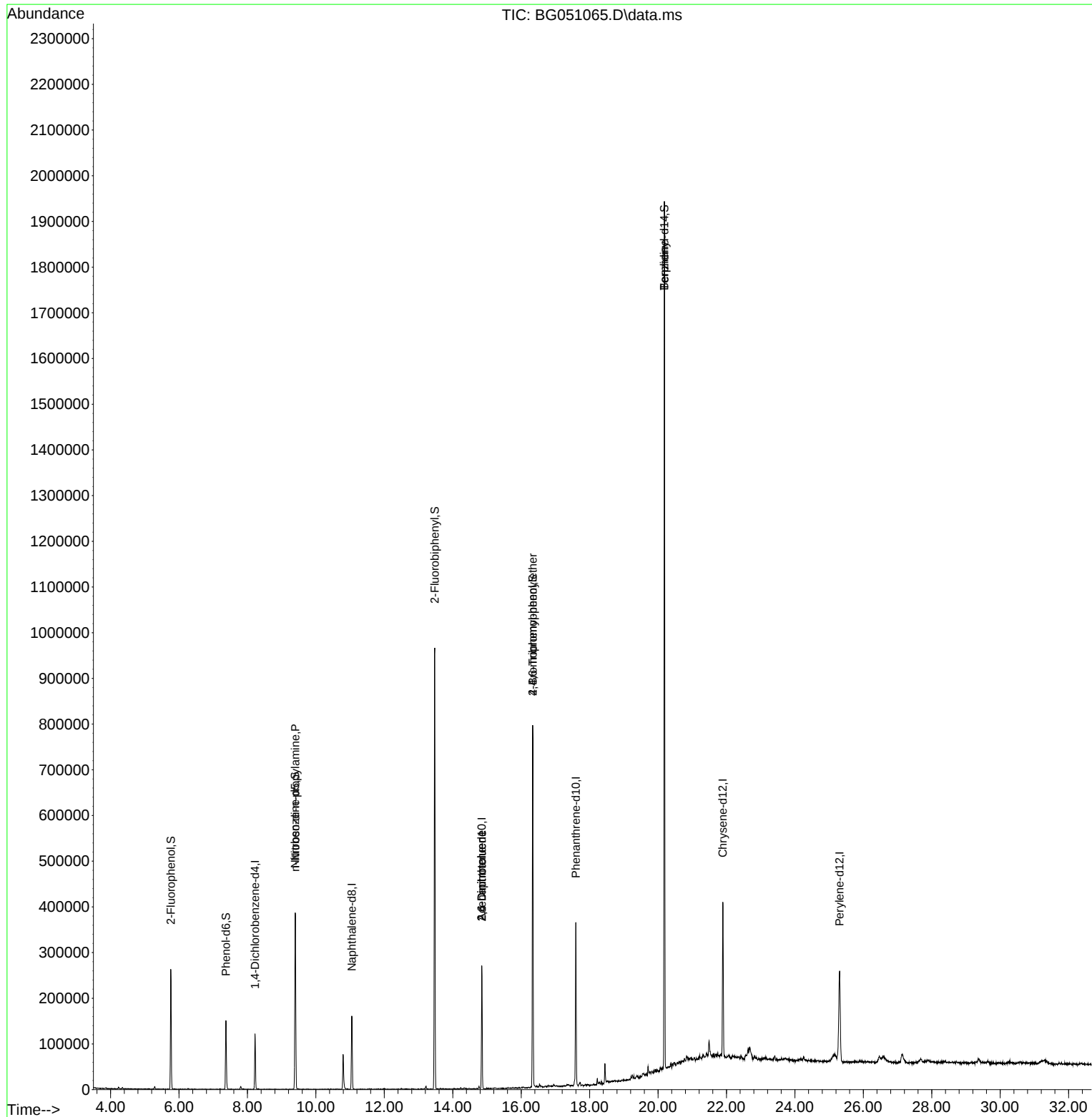
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.221	152	33551	20.000	ng	0.00
21) Naphthalene-d8	11.047	136	138298	20.000	ng	# 0.00
39) Acenaphthene-d10	14.848	164	93265	20.000	ng	0.00
64) Phenanthrene-d10	17.598	188	223672	20.000	ng	# 0.00
76) Chrysene-d12	21.893	240	211110	20.000	ng	# 0.00
86) Perylene-d12	25.307	264	211222	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.759	112	114036	50.844	ng	0.00
7) Phenol-d6	7.369	99	88481	27.950	ng	0.00
23) Nitrobenzene-d5	9.396	82	258516	82.746	ng	0.00
42) 2,4,6-Tribromophenol	16.341	330	128674	137.866	ng	0.00
45) 2-Fluorobiphenyl	13.473	172	502018	85.049	ng	0.00
79) Terphenyl-d14	20.183	244	887474	76.921	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.402	70	35474	15.164	ng	# 66
51) 2,6-Dinitrotoluene	14.848	165	12251	8.112	ng	# 11
57) 2,4-Dinitrotoluene	14.848	165	12251	5.717	ng	# 16
67) 4-Bromophenyl-phenylether	16.341	248	10146	4.331	ng	# 1
77) Benzidine	20.183	184	16028	4.017	ng	# 94

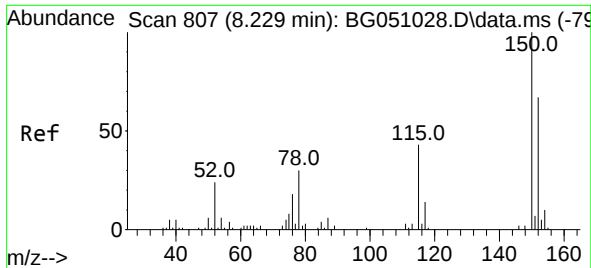
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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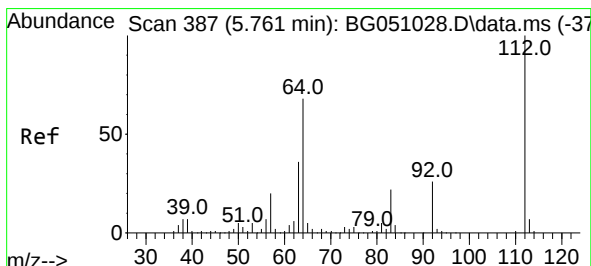
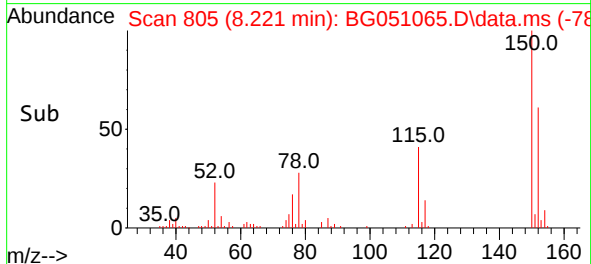
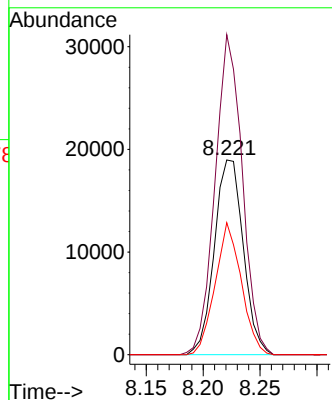
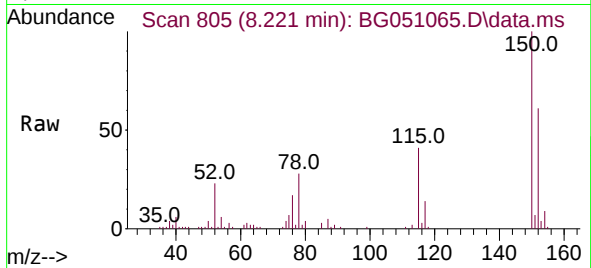




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.221 min Scan# 807
Delta R.T. -0.008 min
Lab File: BG051065.D
Acq: 16 Nov 2021 13:36

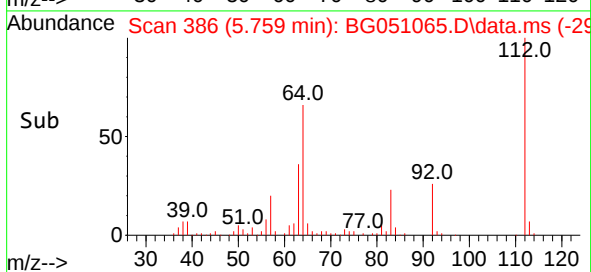
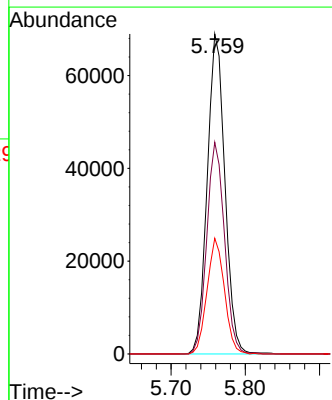
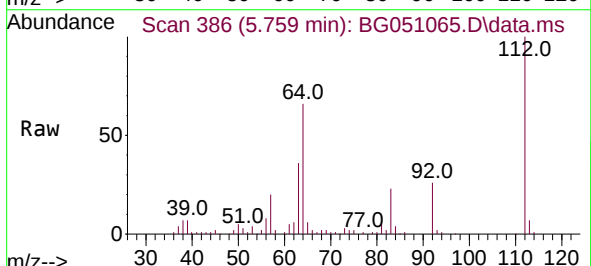
Instrument :
BNA_G
ClientSampleId :
FM655

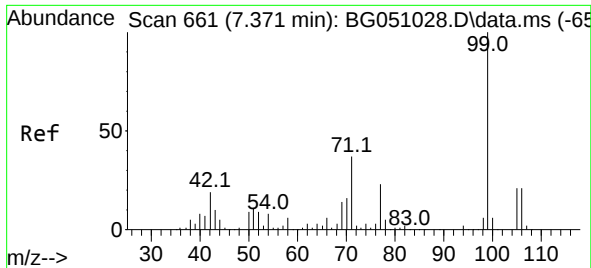
Tgt Ion:152 Resp: 33551
Ion Ratio Lower Upper
152 100
150 164.4 119.4 179.0
115 67.8 60.2 90.4



#5
2-Fluorophenol
Concen: 50.844 ng
RT: 5.759 min Scan# 386
Delta R.T. -0.002 min
Lab File: BG051065.D
Acq: 16 Nov 2021 13:36

Tgt Ion:112 Resp: 114036
Ion Ratio Lower Upper
112 100
64 66.2 46.7 70.1
63 36.2 35.3 52.9

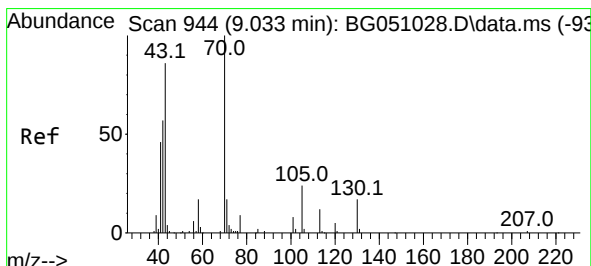
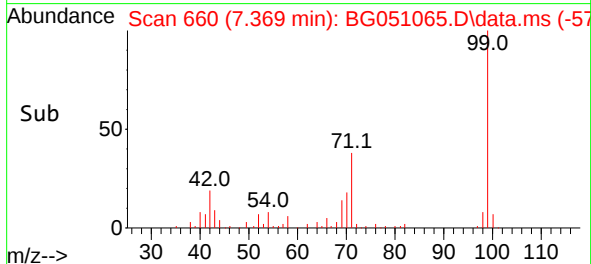
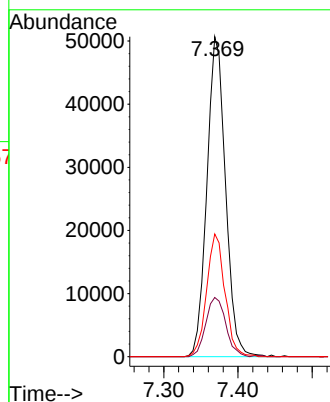
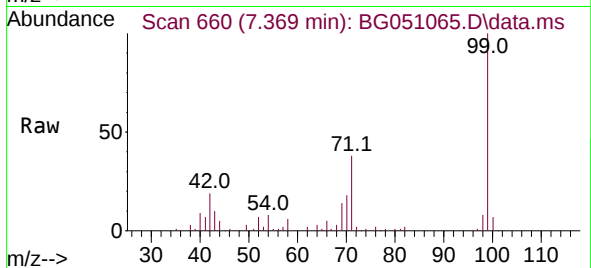




#7
Phenol-d6
Concen: 27.950 ng
RT: 7.369 min Scan# 60
Delta R.T. -0.002 min
Lab File: BG051065.D
Acq: 16 Nov 2021 13:36

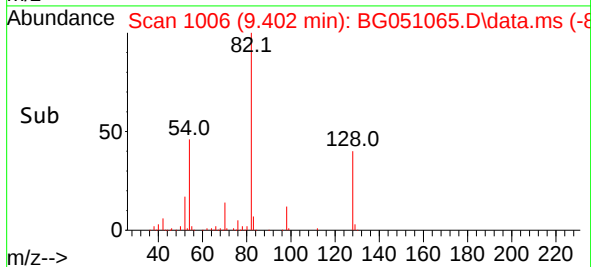
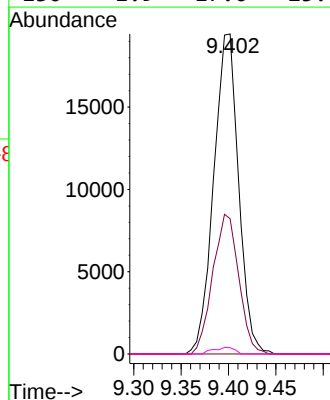
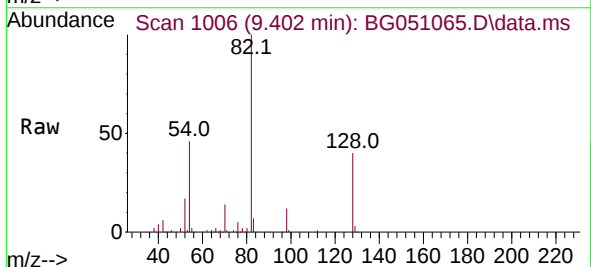
Instrument :
BNA_G
ClientSampleId :
FM655

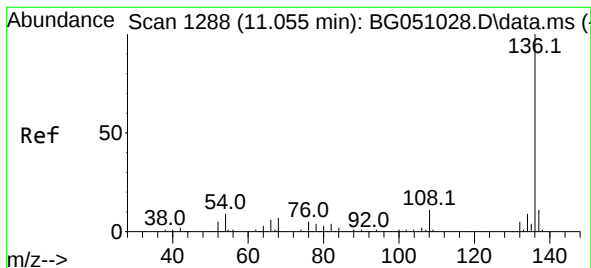
Tgt Ion: 99 Resp: 88481
Ion Ratio Lower Upper
99 100
42 18.5 20.5 30.7#
71 38.3 41.5 62.3#



#19
n-Nitroso-di-n-propylamine
Concen: 15.164 ng
RT: 9.402 min Scan# 1006
Delta R.T. 0.368 min
Lab File: BG051065.D
Acq: 16 Nov 2021 13:36

Tgt Ion: 70 Resp: 35474
Ion Ratio Lower Upper
70 100
42 42.3 54.5 81.7#
101 0.0 9.0 13.6#
130 1.9 17.0 25.6#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.047 min Scan# 11

Delta R.T. -0.008 min

Lab File: BG051065.D

Acq: 16 Nov 2021 13:36

Instrument :

BNA_G

ClientSampleId :

FM655

Tgt Ion:136 Resp: 138298

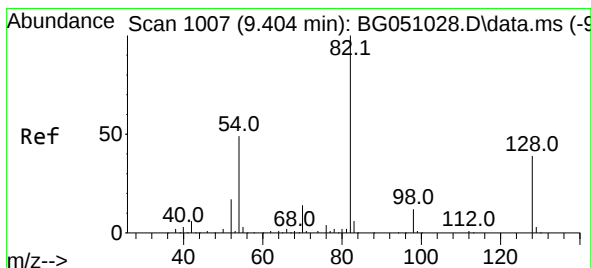
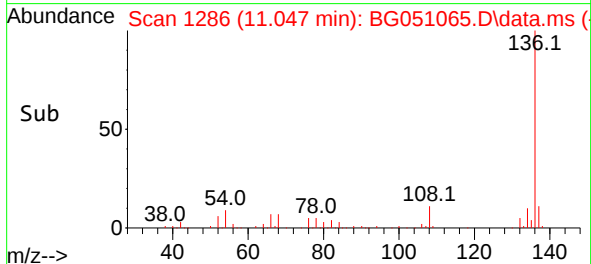
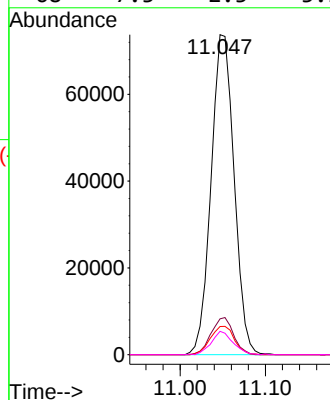
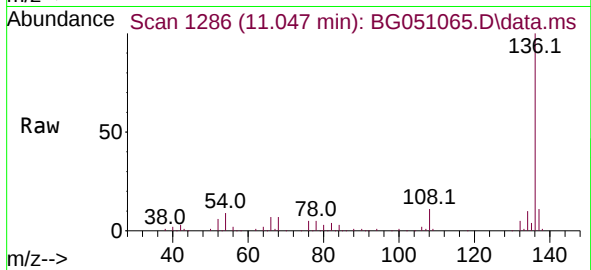
Ion Ratio Lower Upper

136 100

137 11.2 8.2 12.2

54 8.8 5.5 8.3#

68 7.3 2.3 3.5#



#23

Nitrobenzene-d5

Concen: 82.746 ng

RT: 9.396 min Scan# 1005

Delta R.T. -0.008 min

Lab File: BG051065.D

Acq: 16 Nov 2021 13:36

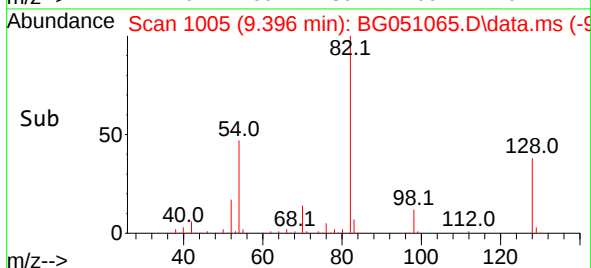
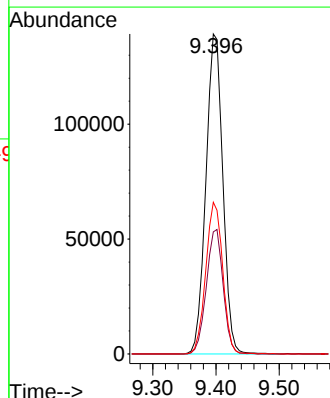
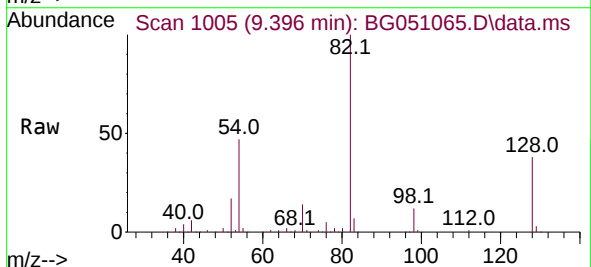
Tgt Ion: 82 Resp: 258516

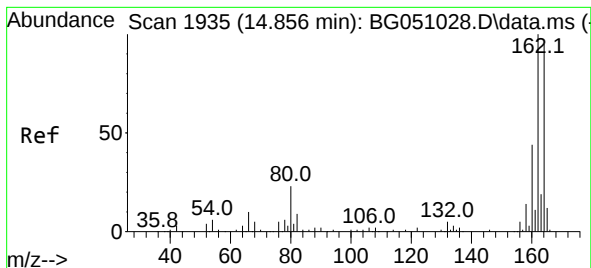
Ion Ratio Lower Upper

82 100

128 38.2 29.8 44.6

54 47.4 45.8 68.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.848 min Scan# 1933

Delta R.T. -0.008 min

Lab File: BG051065.D

Acq: 16 Nov 2021 13:36

Instrument :

BNA_G

ClientSampleId :

FM655

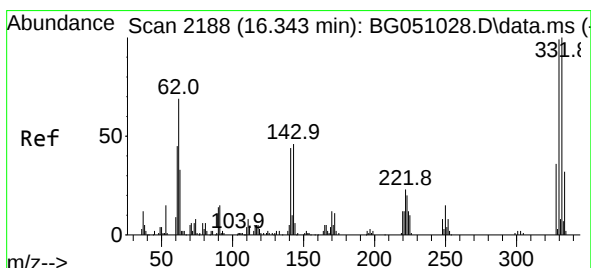
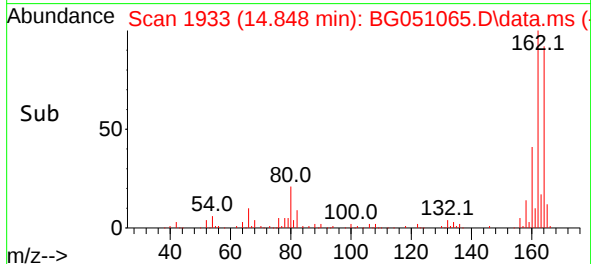
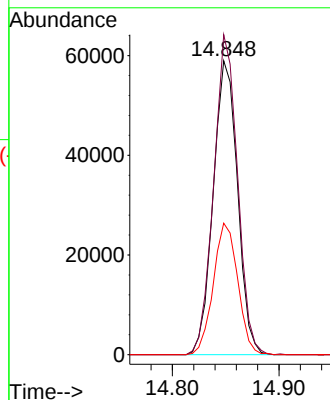
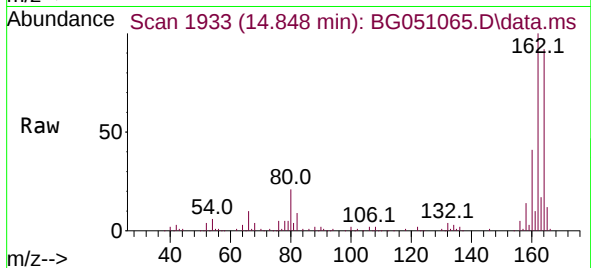
Tgt Ion:164 Resp: 93265

Ion Ratio Lower Upper

164 100

162 108.8 81.4 122.0

160 44.7 34.9 52.3



#42

2,4,6-Tribromophenol

Concen: 137.866 ng

RT: 16.341 min Scan# 2187

Delta R.T. -0.002 min

Lab File: BG051065.D

Acq: 16 Nov 2021 13:36

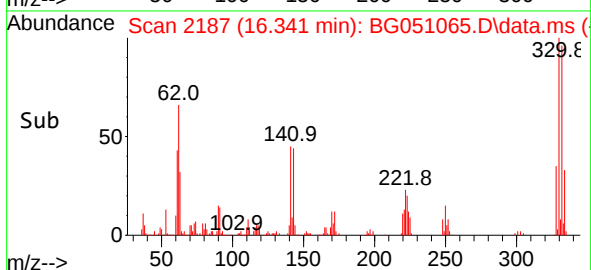
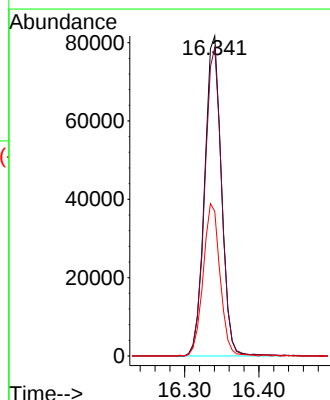
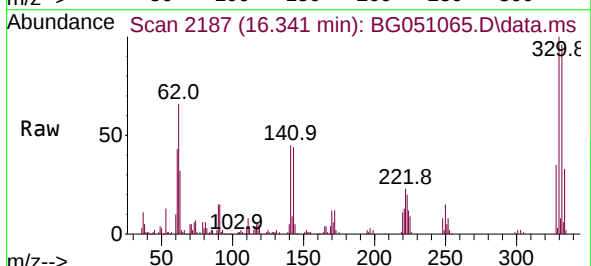
Tgt Ion:330 Resp: 128674

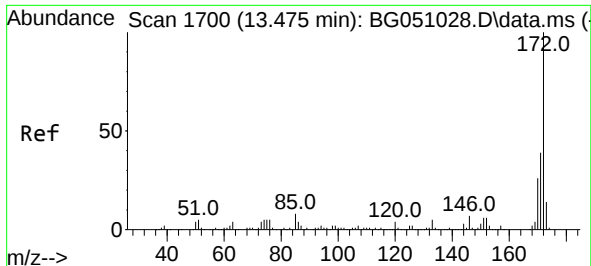
Ion Ratio Lower Upper

330 100

332 97.1 77.3 115.9

141 47.8 35.6 53.4





#45

2-Fluorobiphenyl

Concen: 85.049 ng

RT: 13.473 min Scan# 1

Delta R.T. -0.002 min

Lab File: BG051065.D

Acq: 16 Nov 2021 13:36

Instrument :

BNA_G

ClientSampleId :

FM655

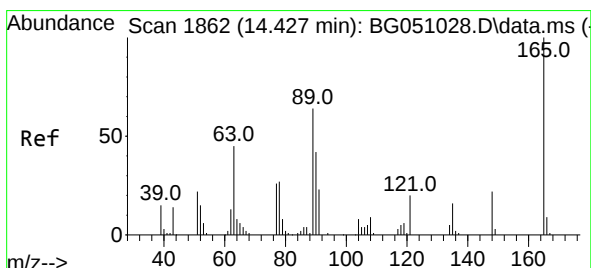
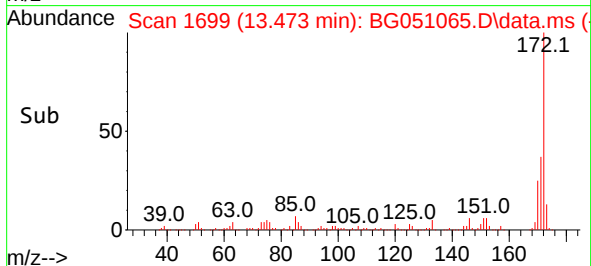
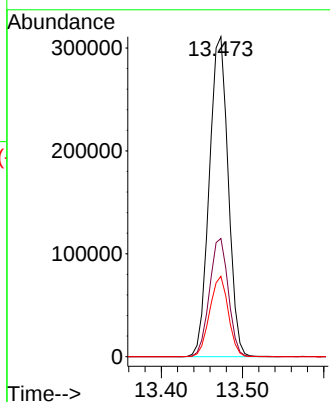
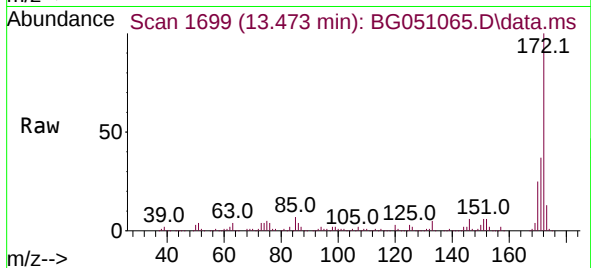
Tgt Ion:172 Resp: 502018

Ion Ratio Lower Upper

172 100

171 37.0 28.6 43.0

170 25.1 18.6 27.8



#51

2,6-Dinitrotoluene

Concen: 8.112 ng

RT: 14.848 min Scan# 1933

Delta R.T. 0.421 min

Lab File: BG051065.D

Acq: 16 Nov 2021 13:36

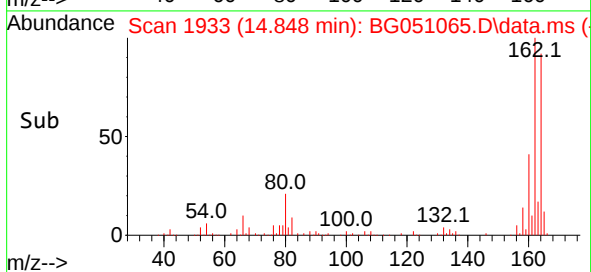
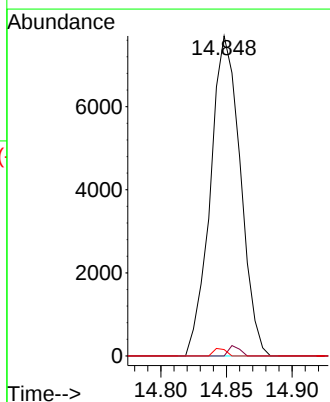
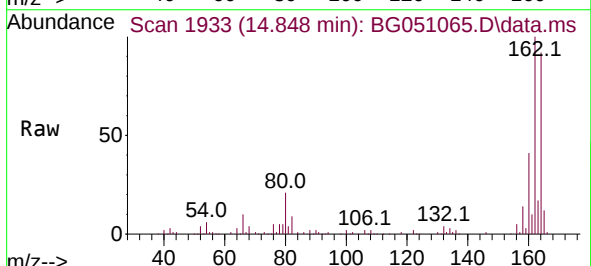
Tgt Ion:165 Resp: 12251

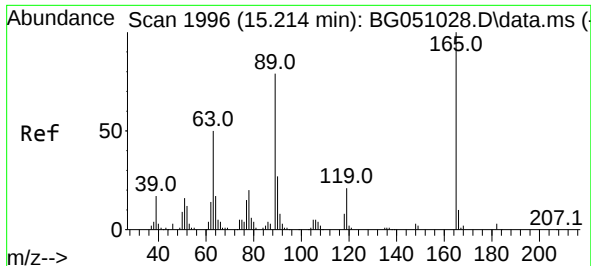
Ion Ratio Lower Upper

165 100

63 0.0 63.3 94.9#

89 2.0 63.4 95.0#

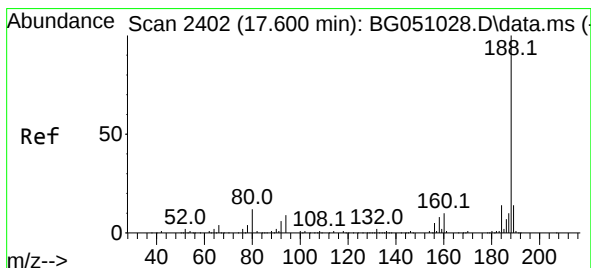
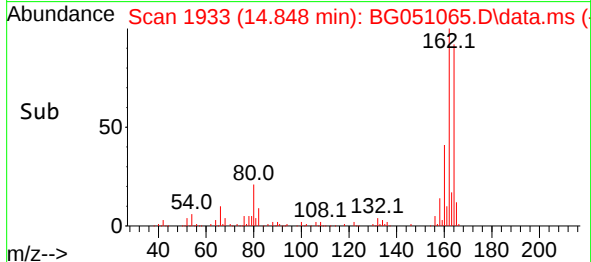
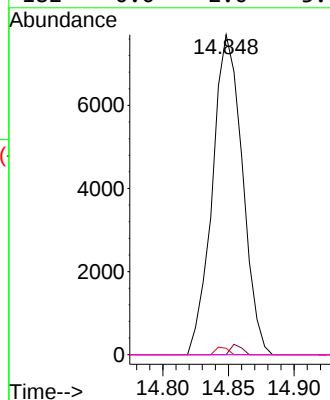
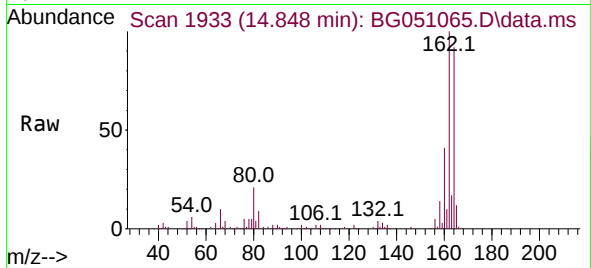




#57
2,4-Dinitrotoluene
Concen: 5.717 ng
RT: 14.848 min Scan# 1996
Delta R.T. -0.366 min
Lab File: BG051065.D
Acq: 16 Nov 2021 13:36

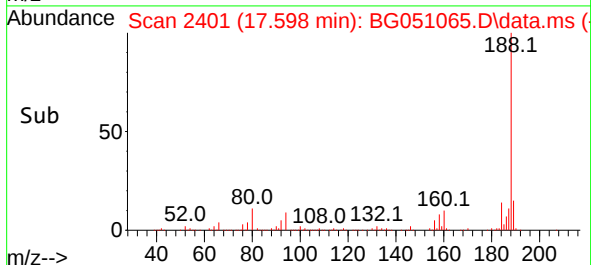
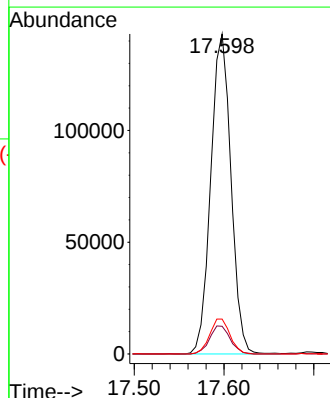
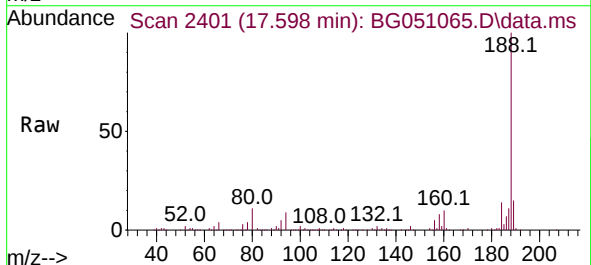
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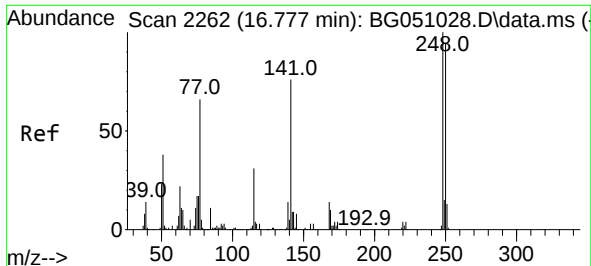
Tgt Ion:165	Resp:	12251
Ion Ratio	Lower	Upper
165	100	
63	0.0	48.0 72.0#
89	2.0	65.4 98.0#
182	0.0	2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.598 min Scan# 2401
Delta R.T. -0.002 min
Lab File: BG051065.D
Acq: 16 Nov 2021 13:36

Tgt Ion:188	Resp:	223672
Ion Ratio	Lower	Upper
188	100	
94	8.6	5.4 8.0#
80	10.9	3.7 5.5#

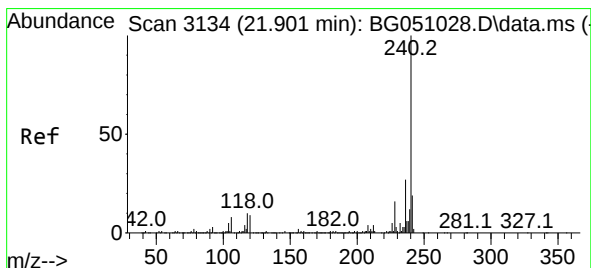
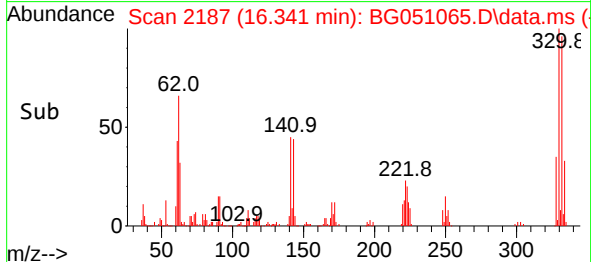
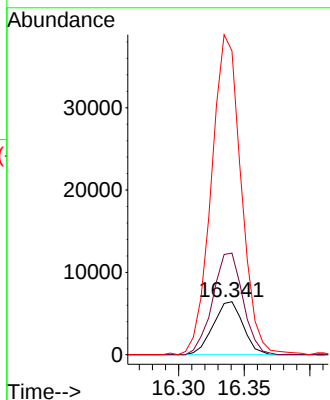
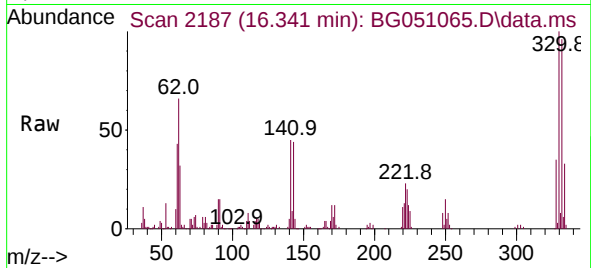




#67
4-Bromophenyl-phenylether
Concen: 4.331 ng
RT: 16.341 min Scan# 2187
Delta R.T. -0.437 min
Lab File: BG051065.D
Acq: 16 Nov 2021 13:36

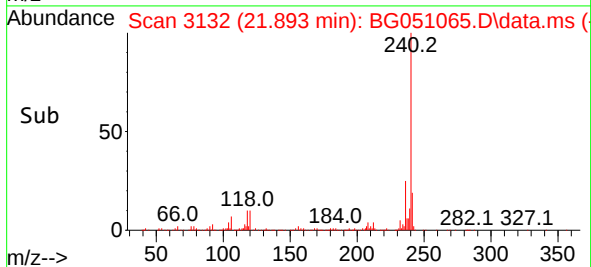
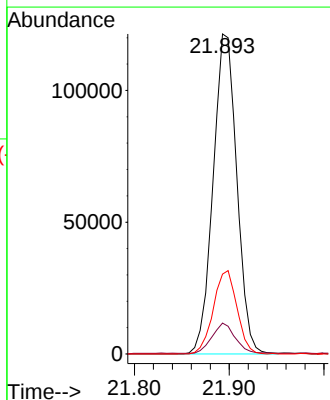
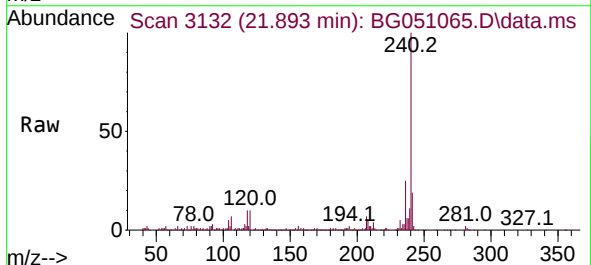
Instrument :
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FM655

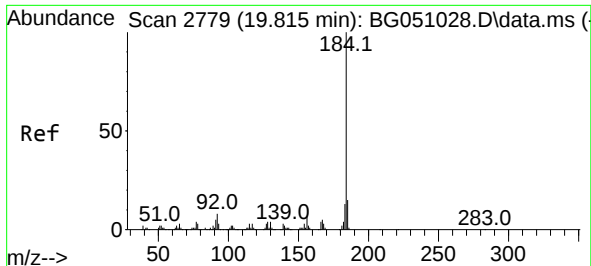
Tgt Ion:248 Resp: 10146
Ion Ratio Lower Upper
248 100
250 191.6 76.1 114.1#
141 573.2 65.4 98.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.893 min Scan# 3132
Delta R.T. -0.008 min
Lab File: BG051065.D
Acq: 16 Nov 2021 13:36

Tgt Ion:240 Resp: 211110
Ion Ratio Lower Upper
240 100
120 9.6 4.2 6.2#
236 24.9 21.8 32.6

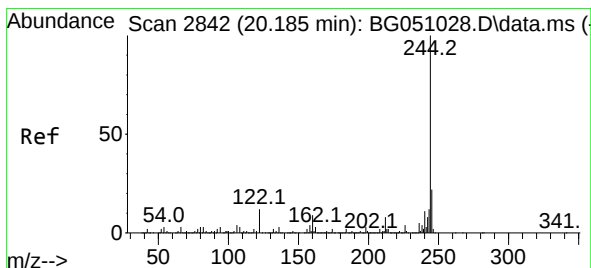
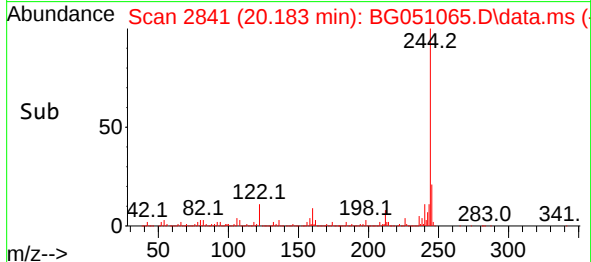
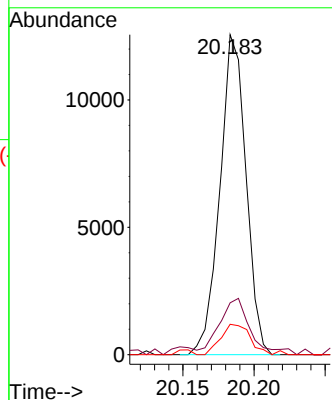
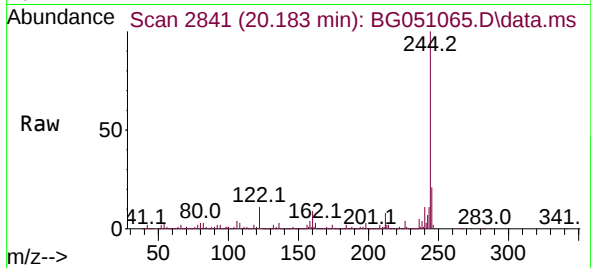




#77
Benzidine
Concen: 4.017 ng
RT: 20.183 min Scan# 2841
Delta R.T. 0.368 min
Lab File: BG051065.D
Acq: 16 Nov 2021 13:36

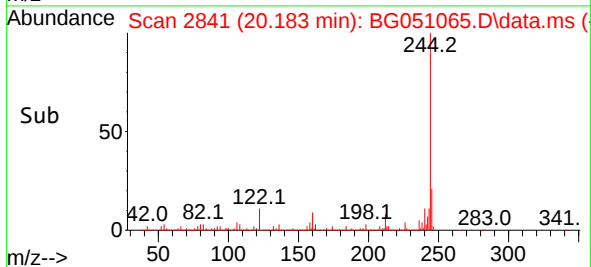
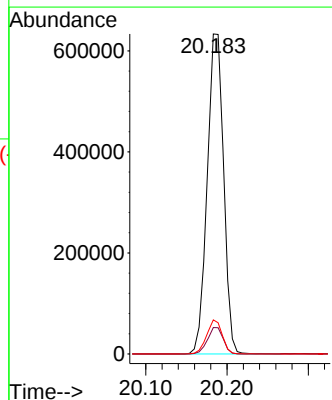
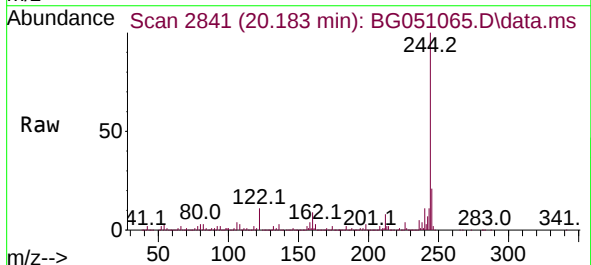
Instrument :
BNA_G
ClientSampleId :
FM655

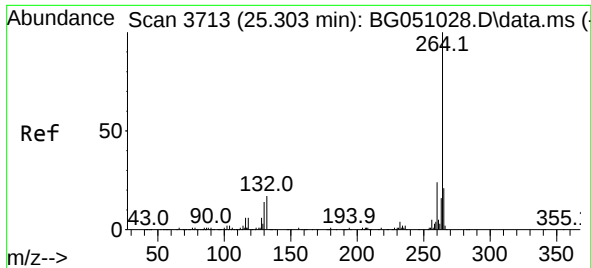
Tgt Ion:184 Resp: 16028
Ion Ratio Lower Upper
184 100
185 16.2 10.7 16.1#
183 9.5 9.4 14.0



#79
Terphenyl-d14
Concen: 76.921 ng
RT: 20.183 min Scan# 2841
Delta R.T. -0.002 min
Lab File: BG051065.D
Acq: 16 Nov 2021 13:36

Tgt Ion:244 Resp: 887474
Ion Ratio Lower Upper
244 100
212 8.3 6.9 10.3
122 10.6 5.0 7.6#





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.307 min Scan# 31
Delta R.T. 0.004 min
Lab File: BG051065.D
Acq: 16 Nov 2021 13:36

Instrument :
BNA_G
ClientSampleId :
FM655

Tgt Ion:264 Resp: 211222
Ion Ratio Lower Upper
264 100
260 25.1 19.4 29.2
265 22.1 16.9 25.3

