

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101322\
 Data File : BG055151.D
 Acq On : 12 Oct 2022 22:36
 Operator : CG/JU
 Sample : PB148164TB
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB148164TB

Quant Time: Oct 13 05:39:18 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG101322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 13 05:14:13 2022
 Response via : Initial Calibration

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

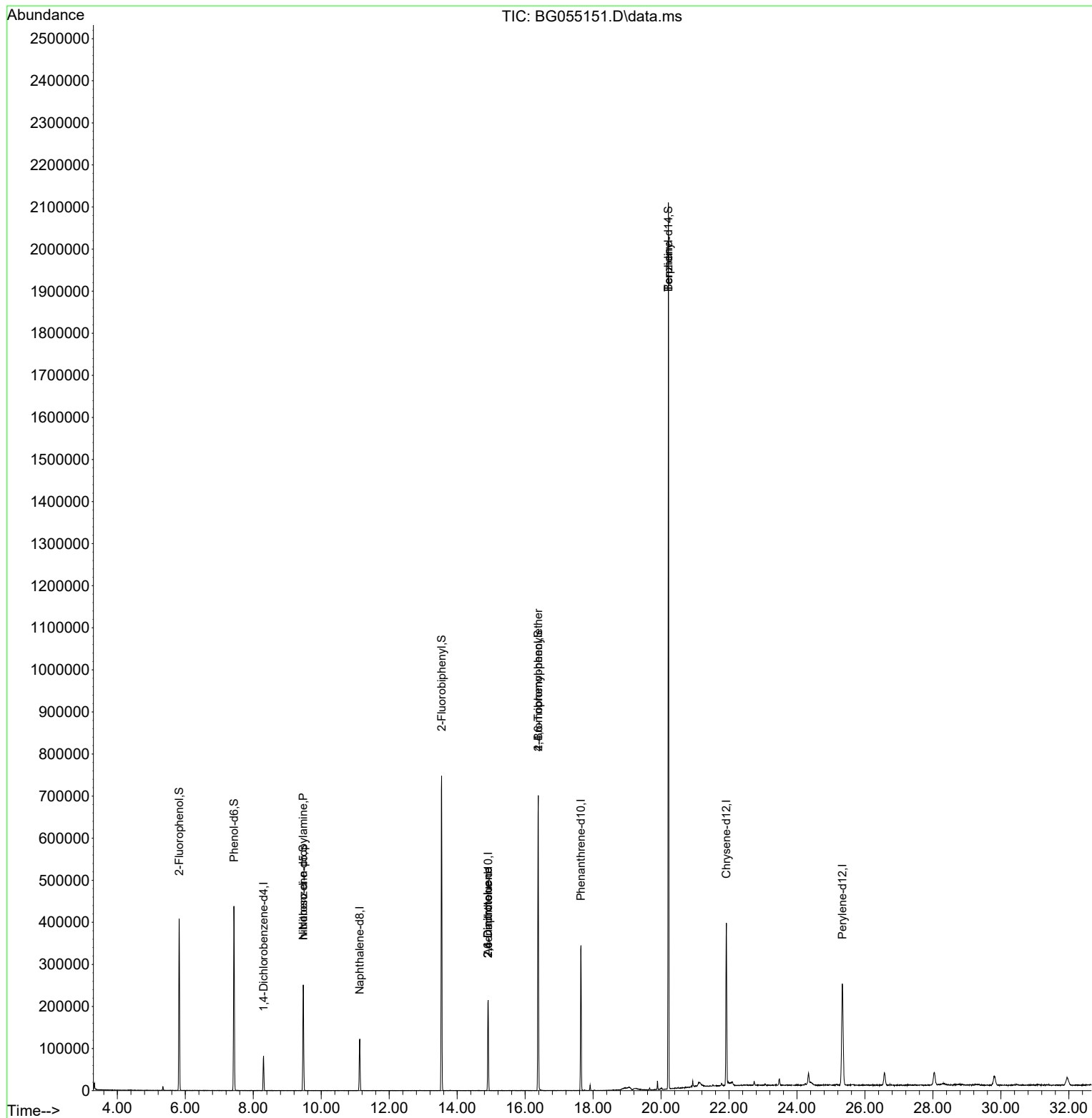
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.300	152	23272	20.000	ng	0.00
21) Naphthalene-d8	11.132	136	104798	20.000	ng	0.00
39) Acenaphthene-d10	14.910	164	81431	20.000	ng	0.00
64) Phenanthrene-d10	17.642	188	226637	20.000	ng	0.00
76) Chrysene-d12	21.920	240	260155	20.000	ng	0.00
86) Perylene-d12	25.333	264	269263	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.821	112	174607	146.792	ng	0.00
7) Phenol-d6	7.431	99	239356	136.031	ng	0.00
23) Nitrobenzene-d5	9.470	82	148597	76.036	ng	0.00
42) 2,4,6-Tribromophenol	16.385	330	143852	122.943	ng	0.00
45) 2-Fluorobiphenyl	13.541	172	391988	78.635	ng	0.00
79) Terphenyl-d14	20.216	244	1021859	79.108	ng	0.00
Target Compounds						
					Qvalue	
19) n-Nitroso-di-n-propyla...	9.470	70	20707	14.582	ng	# 81
51) 2,6-Dinitrotoluene	14.904	165	10243	7.604	ng	# 21
57) 2,4-Dinitrotoluene	14.904	165	10243	5.192	ng	# 23
67) 4-Bromophenyl-phenylether	16.385	248	8635	3.495	ng	# 1
77) Benzidine	20.216	184	15701	2.691	ng	# 92

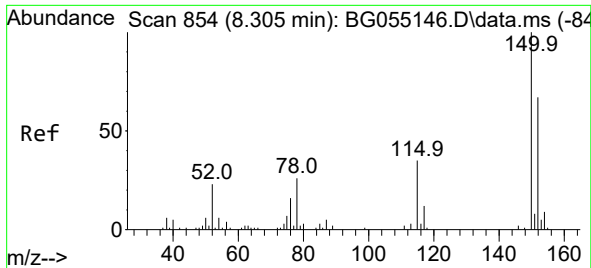
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101322\
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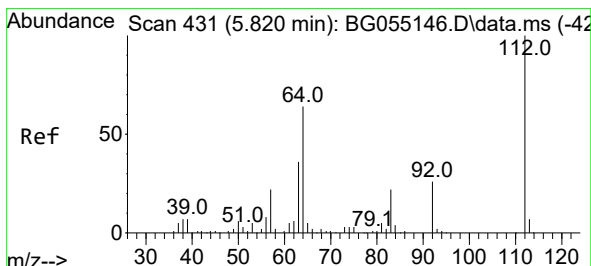
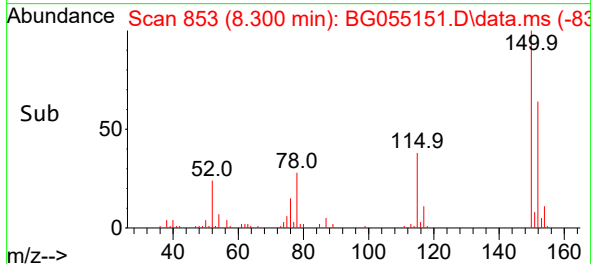
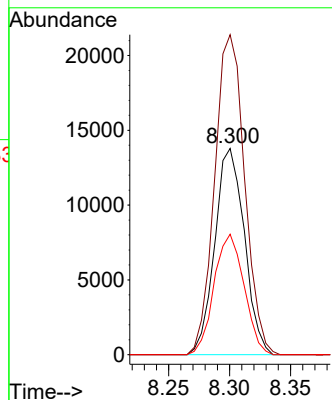
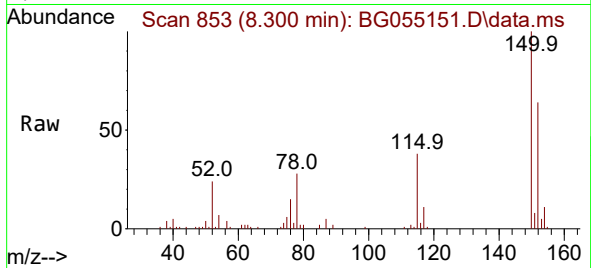




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.300 min Scan# 81
Delta R.T. -0.005 min
Lab File: BG055151.D
Acq: 12 Oct 2022 22:36

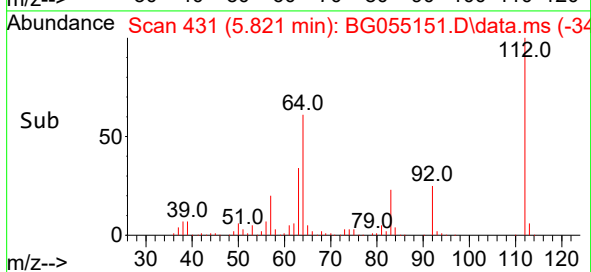
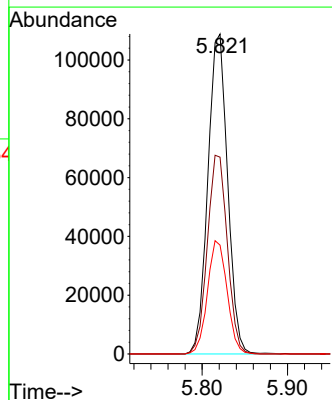
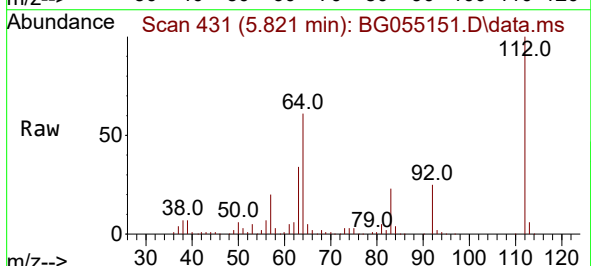
Instrument :
BNA_G
ClientSampleId :
PB148164TB

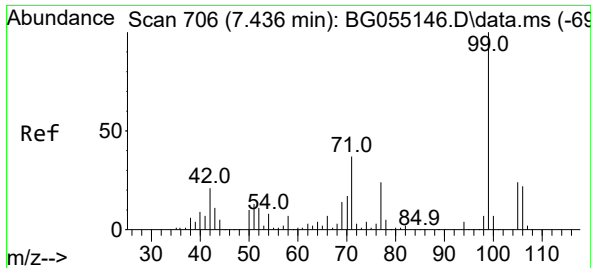
Tgt Ion:152 Resp: 23272
Ion Ratio Lower Upper
152 100
150 155.1 119.7 179.5
115 58.4 42.4 63.6



#5
2-Fluorophenol
Concen: 146.792 ng
RT: 5.821 min Scan# 431
Delta R.T. 0.001 min
Lab File: BG055151.D
Acq: 12 Oct 2022 22:36

Tgt Ion:112 Resp: 174607
Ion Ratio Lower Upper
112 100
64 61.5 50.9 76.3
63 34.0 29.0 43.6

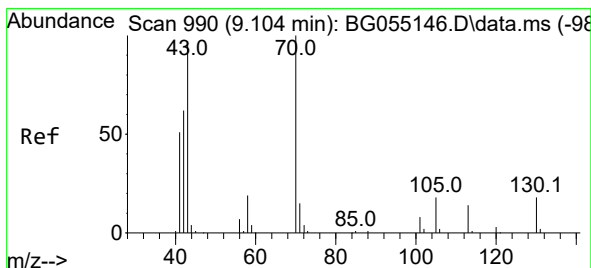
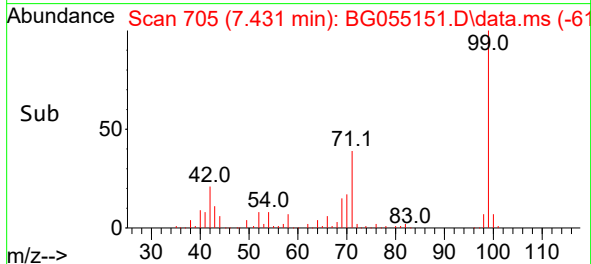
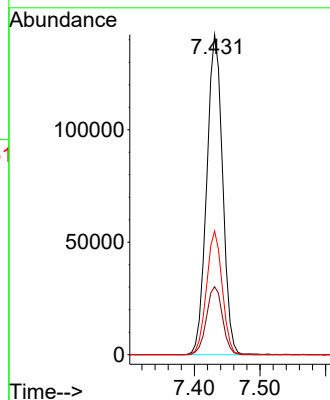
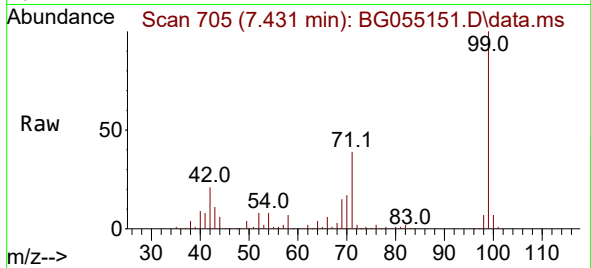




#7
Phenol-d6
Concen: 136.031 ng
RT: 7.431 min Scan# 705
Delta R.T. -0.005 min
Lab File: BG055151.D
Acq: 12 Oct 2022 22:36

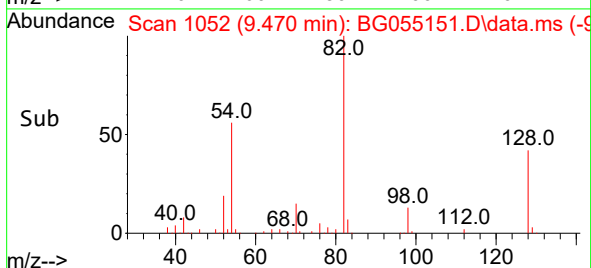
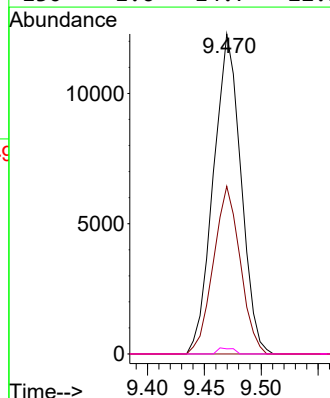
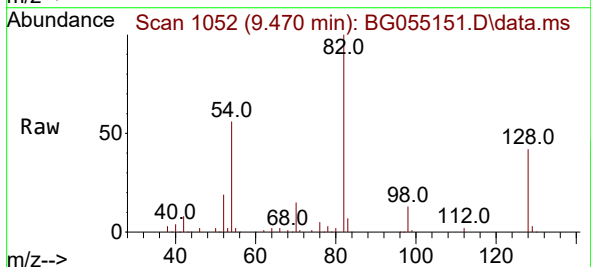
Instrument :
BNA_G
ClientSampleId :
PB148164TB

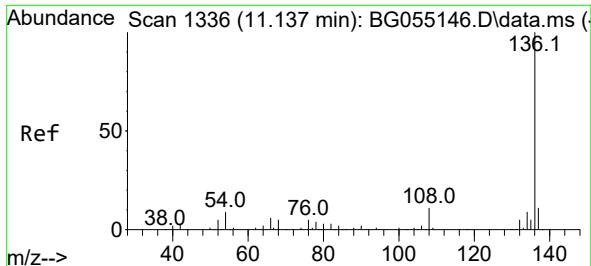
Tgt Ion: 99 Resp: 239356
Ion Ratio Lower Upper
99 100
42 21.3 16.6 25.0
71 38.7 29.6 44.4



#19
n-Nitroso-di-n-propylamine
Concen: 14.582 ng
RT: 9.470 min Scan# 1052
Delta R.T. 0.365 min
Lab File: BG055151.D
Acq: 12 Oct 2022 22:36

Tgt Ion: 70 Resp: 20707
Ion Ratio Lower Upper
70 100
42 52.4 50.1 75.1
101 0.0 6.6 10.0#
130 1.6 14.7 22.1#

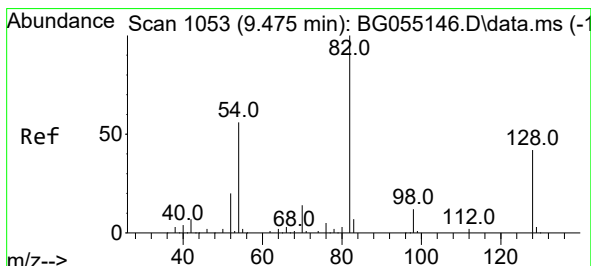
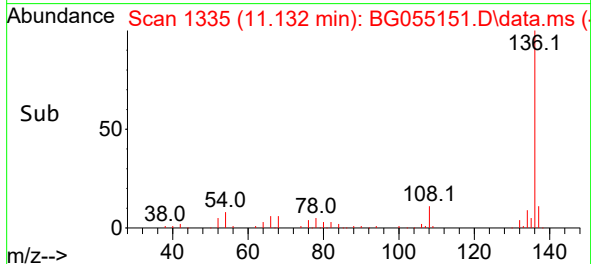
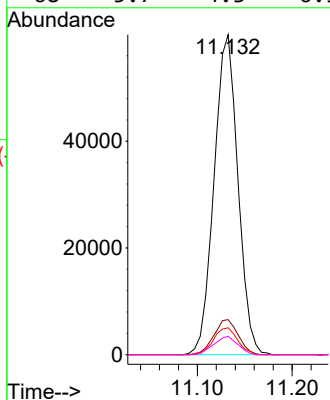
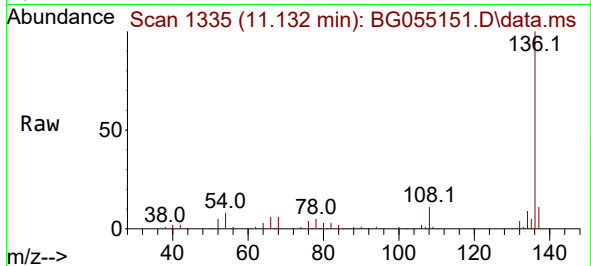




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.132 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG055151.D
Acq: 12 Oct 2022 22:36

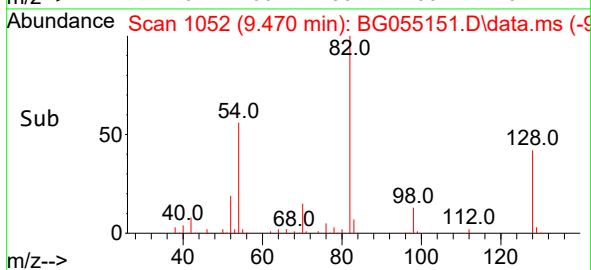
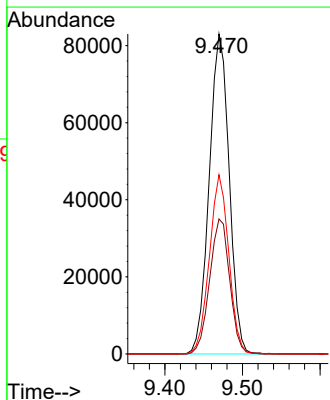
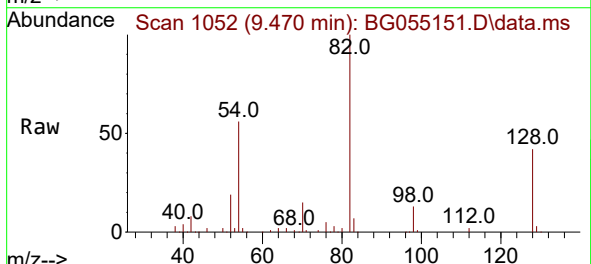
Instrument :
BNA_G
ClientSampleId :
PB148164TB

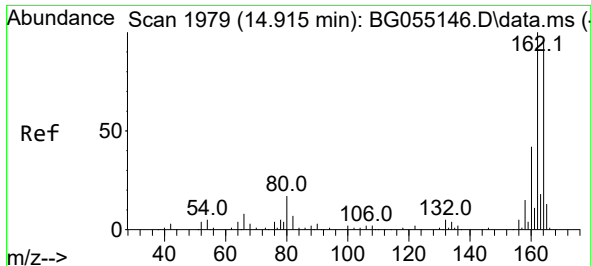
Tgt Ion:	136	Resp:	104798
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.1	13.7
54	8.4	7.0	10.6
68	5.7	4.3	6.5



#23
Nitrobenzene-d5
Concen: 76.036 ng
RT: 9.470 min Scan# 1052
Delta R.T. -0.005 min
Lab File: BG055151.D
Acq: 12 Oct 2022 22:36

Tgt Ion:	82	Resp:	148597
Ion	Ratio	Lower	Upper
82	100		
128	42.2	33.5	50.3
54	56.0	44.7	67.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.910 min Scan# 1979

Delta R.T. -0.005 min

Lab File: BG055151.D

Acq: 12 Oct 2022 22:36

Instrument :

BNA_G

ClientSampleId :

PB148164TB

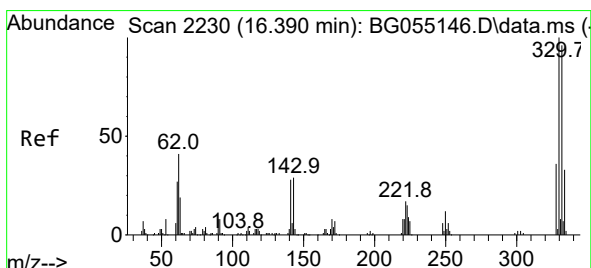
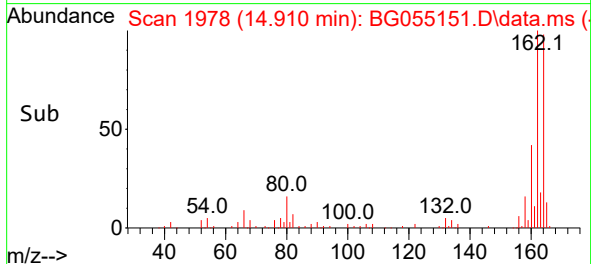
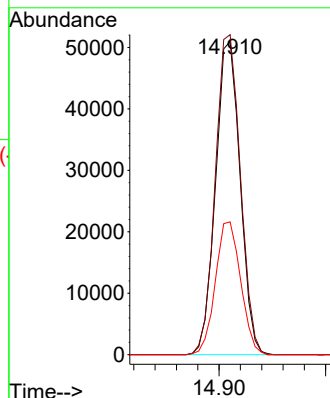
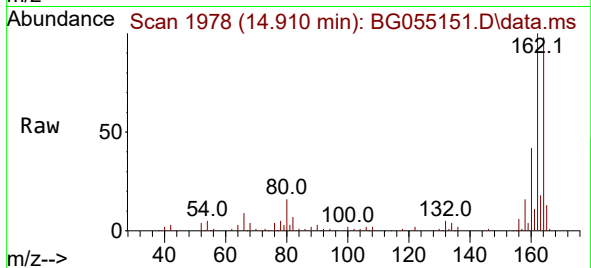
Tgt Ion:164 Resp: 81431

Ion Ratio Lower Upper

164 100

162 102.2 83.3 124.9

160 42.4 35.3 52.9



#42

2,4,6-Tribromophenol

Concen: 122.943 ng

RT: 16.385 min Scan# 2229

Delta R.T. -0.005 min

Lab File: BG055151.D

Acq: 12 Oct 2022 22:36

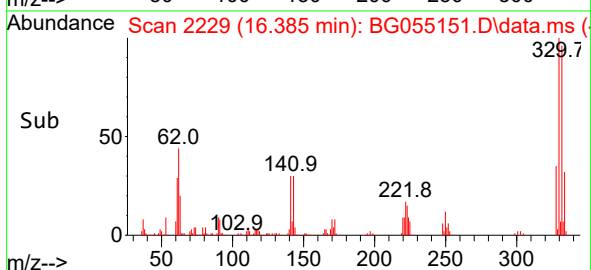
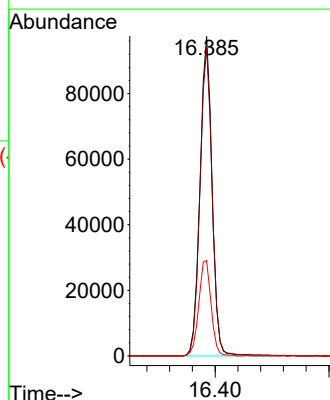
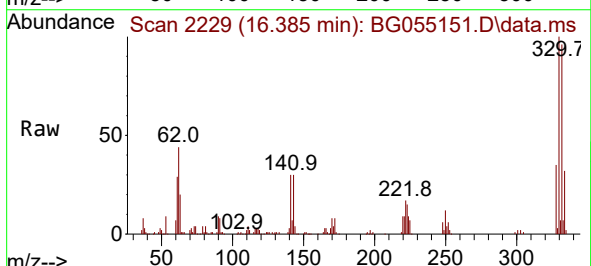
Tgt Ion:330 Resp: 143852

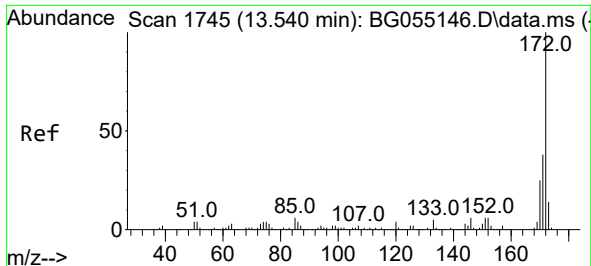
Ion Ratio Lower Upper

330 100

332 97.0 77.0 115.4

141 30.7 24.6 36.8

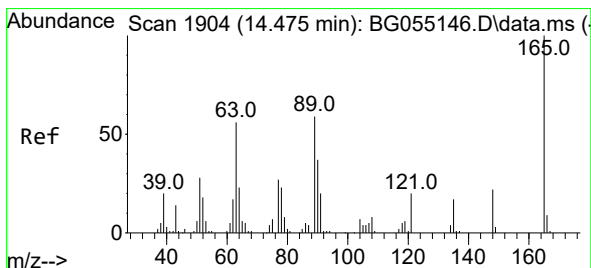
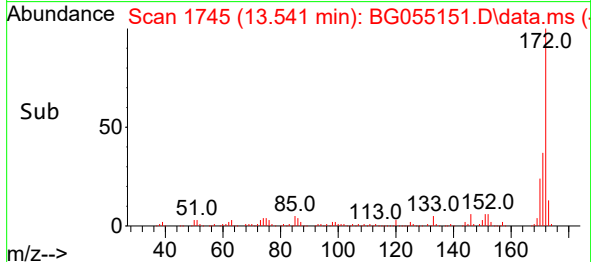
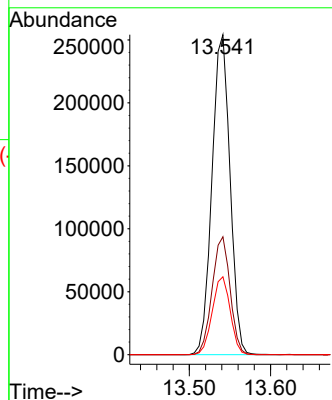
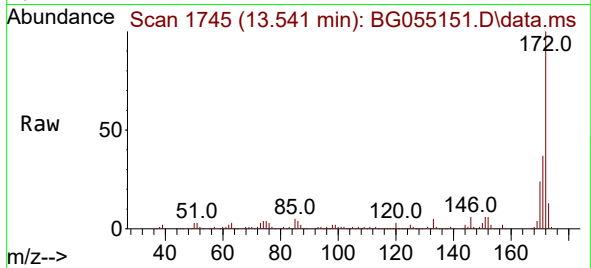




#45
2-Fluorobiphenyl
Concen: 78.635 ng
RT: 13.541 min Scan# 1
Delta R.T. 0.001 min
Lab File: BG055151.D
Acq: 12 Oct 2022 22:36

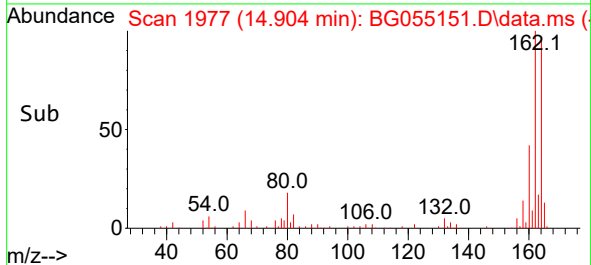
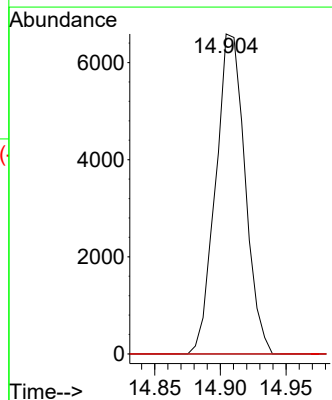
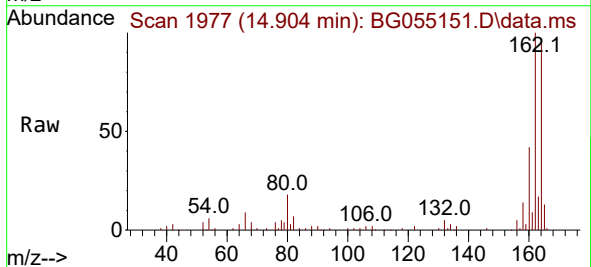
Instrument :
BNA_G
ClientSampleId :
PB148164TB

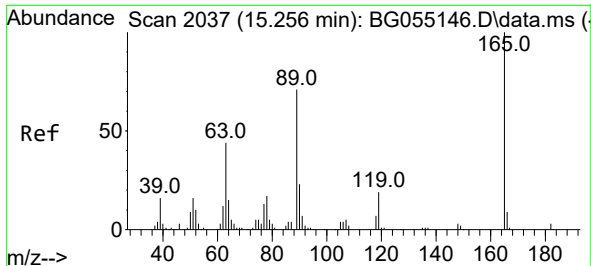
Tgt Ion:172 Resp: 391988
Ion Ratio Lower Upper
172 100
171 36.8 30.1 45.1
170 24.3 19.8 29.6



#51
2,6-Dinitrotoluene
Concen: 7.604 ng
RT: 14.904 min Scan# 1977
Delta R.T. 0.430 min
Lab File: BG055151.D
Acq: 12 Oct 2022 22:36

Tgt Ion:165 Resp: 10243
Ion Ratio Lower Upper
165 100
63 0.0 46.6 70.0#
89 0.0 47.6 71.4#





#57

2,4-Dinitrotoluene

Concen: 5.192 ng

RT: 14.904 min Scan# 1977

Delta R.T. -0.352 min

Lab File: BG055151.D

Acq: 12 Oct 2022 22:36

Instrument :

BNA_G

ClientSampleId :

PB148164TB

Tgt Ion:165 Resp: 10243

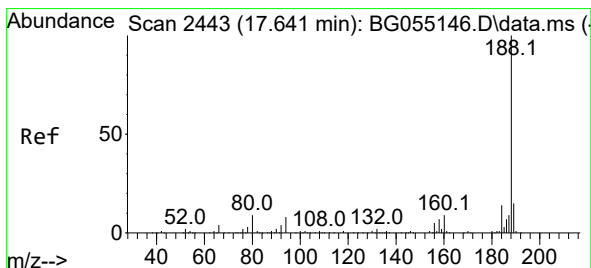
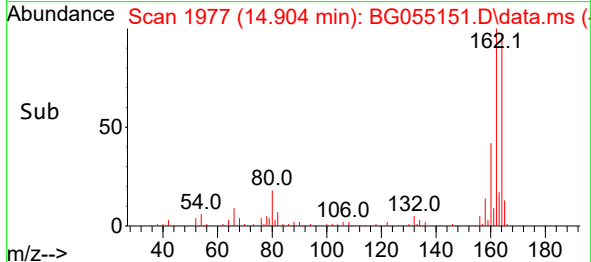
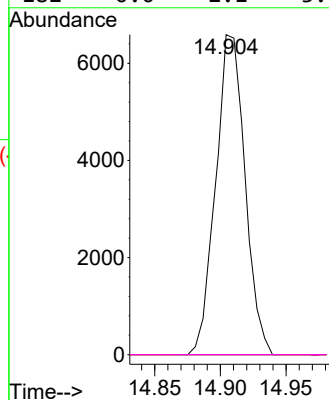
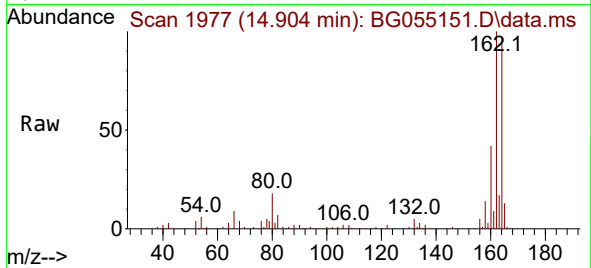
Ion Ratio Lower Upper

165 100

63 0.0 35.6 53.4#

89 0.0 56.4 84.6#

182 0.0 2.1 3.1#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.642 min Scan# 2443

Delta R.T. 0.001 min

Lab File: BG055151.D

Acq: 12 Oct 2022 22:36

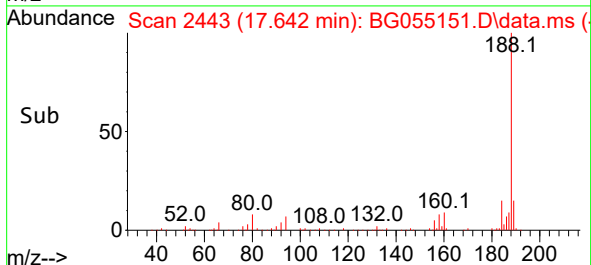
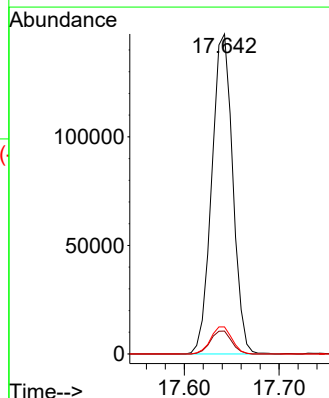
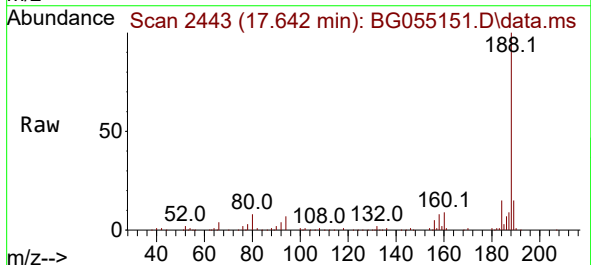
Tgt Ion:188 Resp: 226637

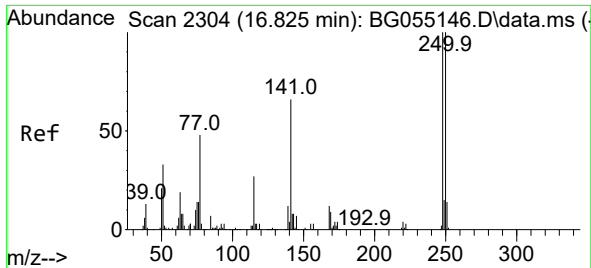
Ion Ratio Lower Upper

188 100

94 7.2 6.2 9.2

80 8.4 7.0 10.6

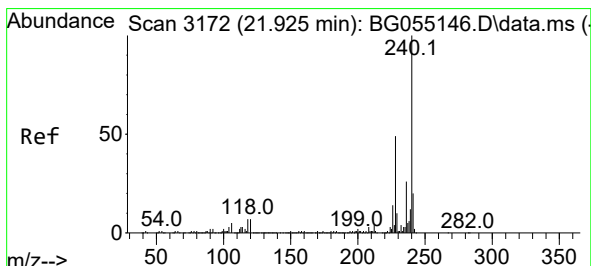
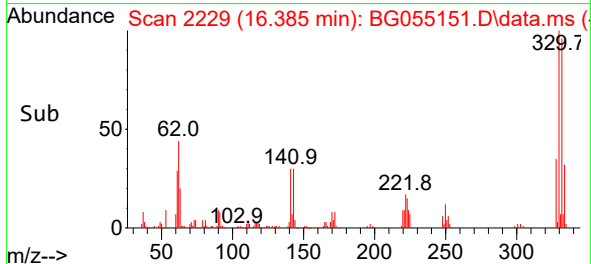
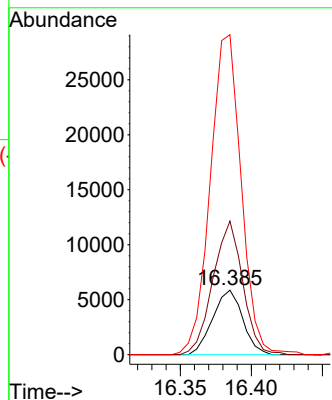
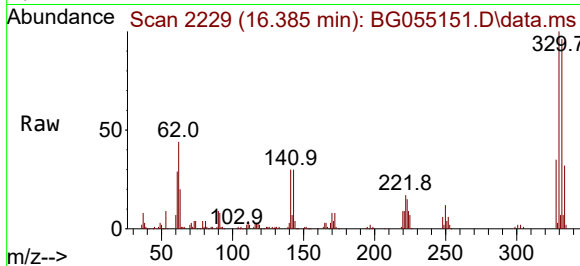




#67
4-Bromophenyl-phenylether
Concen: 3.495 ng
RT: 16.385 min Scan# 21
Delta R.T. -0.440 min
Lab File: BG055151.D
Acq: 12 Oct 2022 22:36

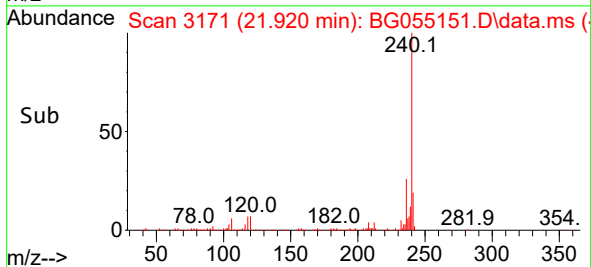
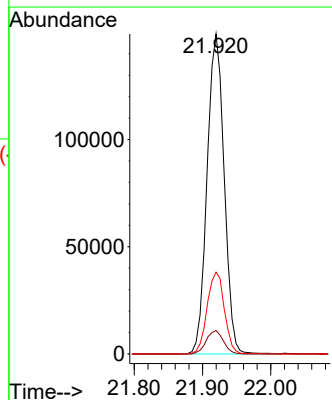
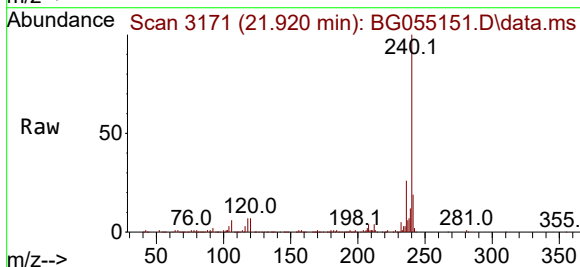
Instrument :
BNA_G
ClientSampleId :
PB148164TB

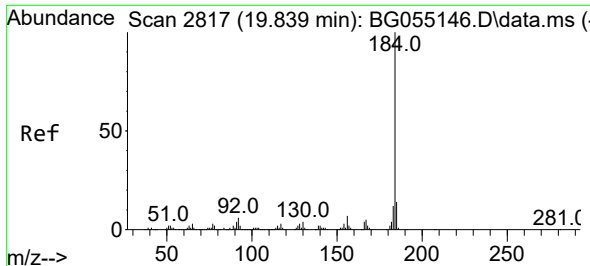
Tgt Ion:248 Resp: 8635
Ion Ratio Lower Upper
248 100
250 207.1 80.1 120.1#
141 496.1 53.1 79.7#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.920 min Scan# 3171
Delta R.T. -0.005 min
Lab File: BG055151.D
Acq: 12 Oct 2022 22:36

Tgt Ion:240 Resp: 260155
Ion Ratio Lower Upper
240 100
120 7.3 5.4 8.0
236 25.6 20.6 31.0

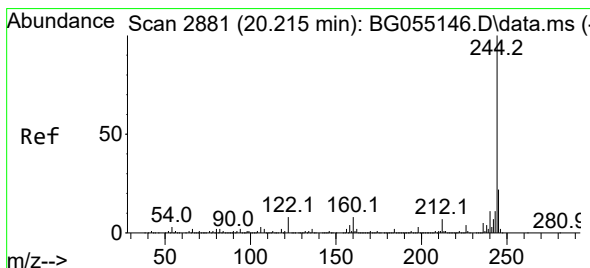
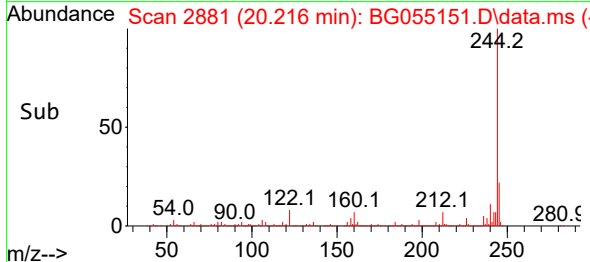
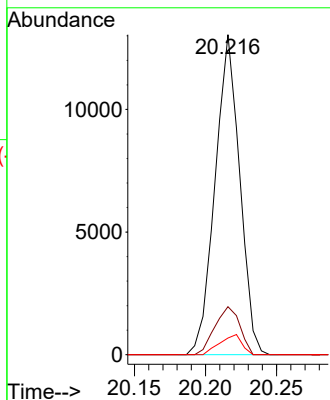
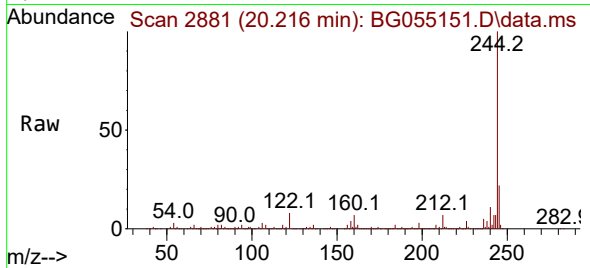




#77
Benzidine
Concen: 2.691 ng
RT: 20.216 min Scan# 216
Delta R.T. 0.377 min
Lab File: BG055151.D
Acq: 12 Oct 2022 22:36

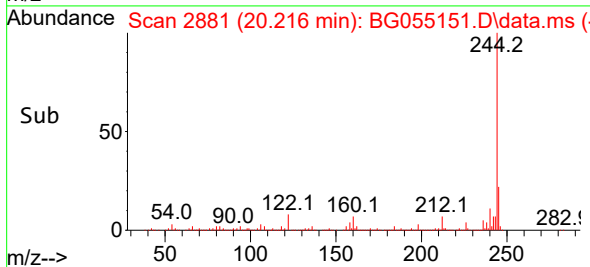
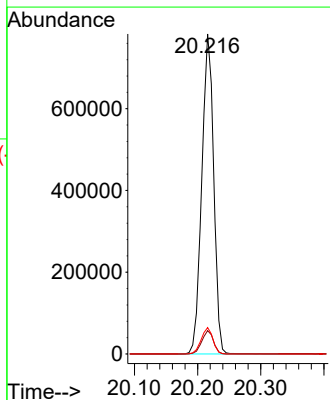
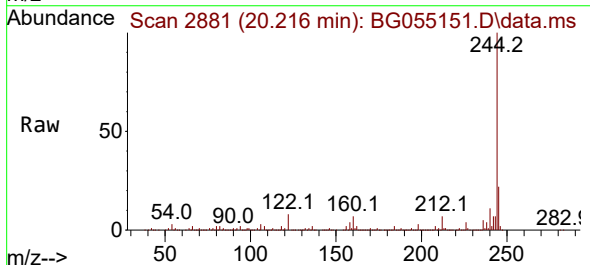
Instrument :
BNA_G
ClientSampleId :
PB148164TB

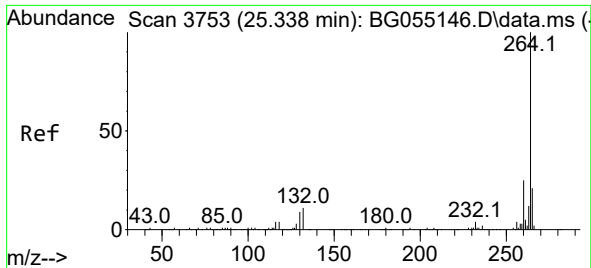
Tgt Ion:184 Resp: 15701
Ion Ratio Lower Upper
184 100
185 15.0 11.5 17.3
183 5.2 9.4 14.2#



#79
Terphenyl-d14
Concen: 79.108 ng
RT: 20.216 min Scan# 2881
Delta R.T. 0.001 min
Lab File: BG055151.D
Acq: 12 Oct 2022 22:36

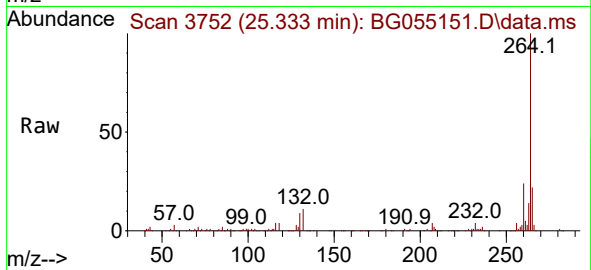
Tgt Ion:244 Resp: 1021859
Ion Ratio Lower Upper
244 100
212 7.3 5.9 8.9
122 8.2 6.6 10.0





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.333 min Scan# 31
 Delta R.T. -0.005 min
 Lab File: BG055151.D
 Acq: 12 Oct 2022 22:36

Instrument :
 BNA_G
 ClientSampleId :
 PB148164TB



Tgt Ion:264 Resp: 269263
 Ion Ratio Lower Upper
 264 100
 260 24.0 20.1 30.1
 265 21.5 16.8 25.2

