

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111722\
 Data File : BG055659.D
 Acq On : 17 Nov 2022 10:07
 Operator : CG/JU
 Sample : PB149062BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB149062BL

Quant Time: Nov 18 03:11:23 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 17 02:02:46 2022
 Response via : Initial Calibration

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

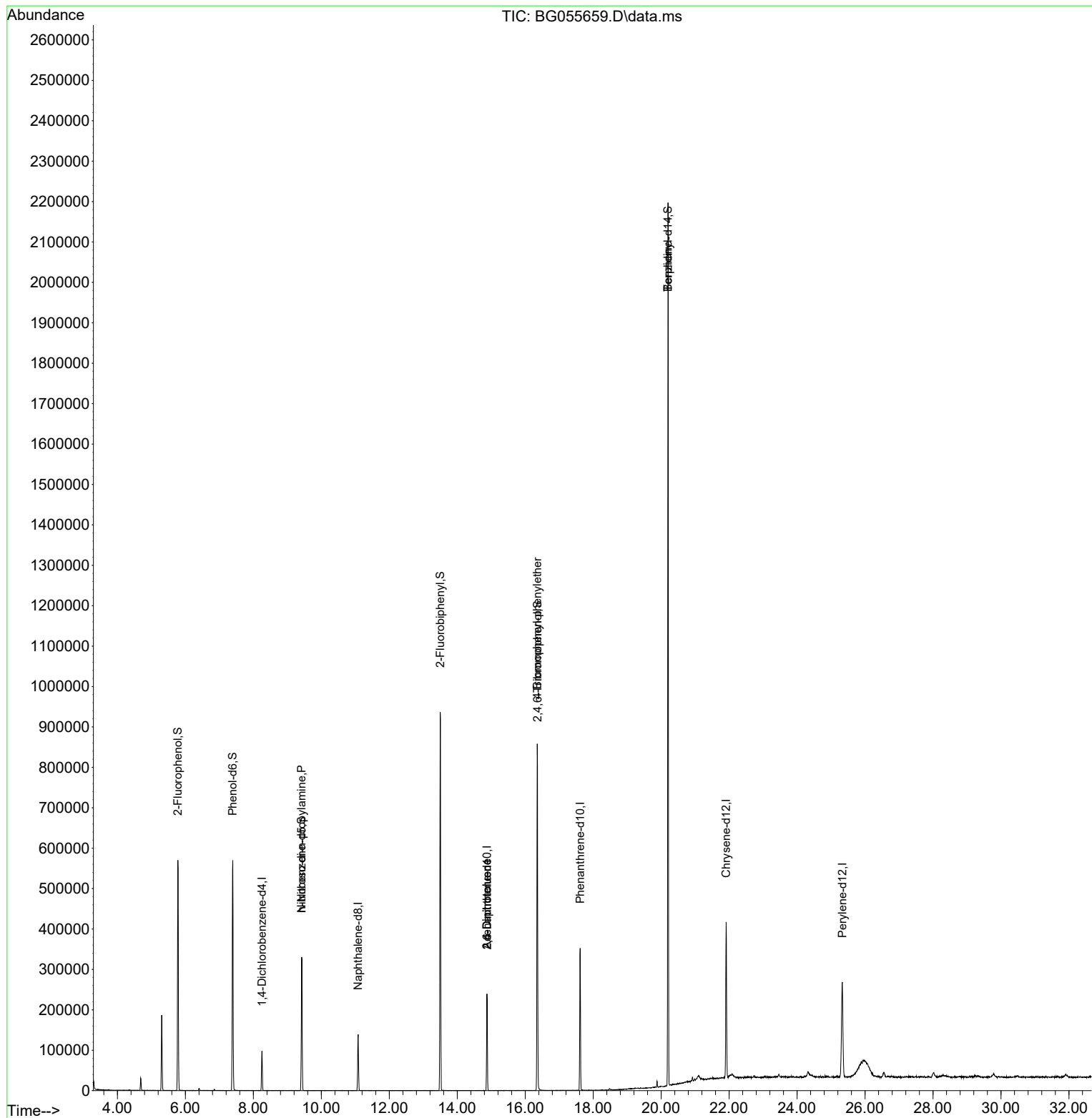
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.252	152	28546	20.000	ng	0.00
21) Naphthalene-d8	11.084	136	119973	20.000	ng	0.00
39) Acenaphthene-d10	14.873	164	88984	20.000	ng	0.00
64) Phenanthrene-d10	17.617	188	237350	20.000	ng	0.00
76) Chrysene-d12	21.912	240	247588	20.000	ng	0.00
86) Perylene-d12	25.332	264	262362	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.778	112	240597	152.345	ng	0.00
7) Phenol-d6	7.394	99	310376	147.637	ng	0.00
23) Nitrobenzene-d5	9.421	82	192540	84.825	ng	0.00
42) 2,4,6-Tribromophenol	16.360	330	184601	147.326	ng	0.00
45) 2-Fluorobiphenyl	13.499	172	507338	85.415	ng	0.00
79) Terphenyl-d14	20.202	244	1096151	88.552	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.421	70	25880	16.022	ng	# 77
51) 2,6-Dinitrotoluene	14.873	165	11430	7.881	ng	# 24
57) 2,4-Dinitrotoluene	14.873	165	11430	5.589	ng	# 22
67) 4-Bromophenyl-phenylether	16.354	248	12090	4.471	ng	# 1
77) Benzidine	20.202	184	17232	3.008	ng	# 88

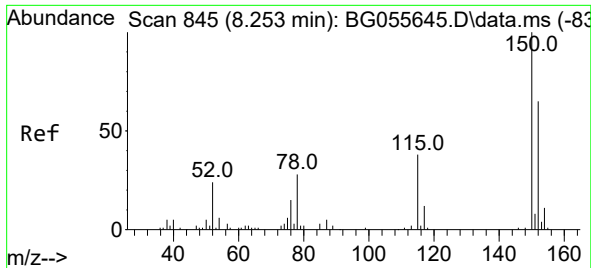
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111722\
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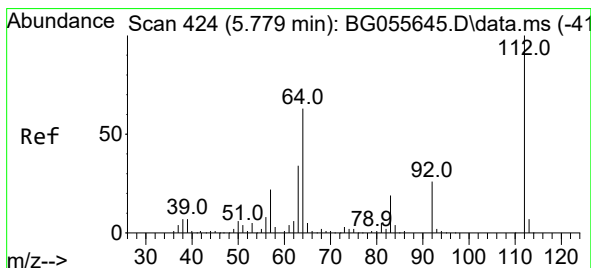
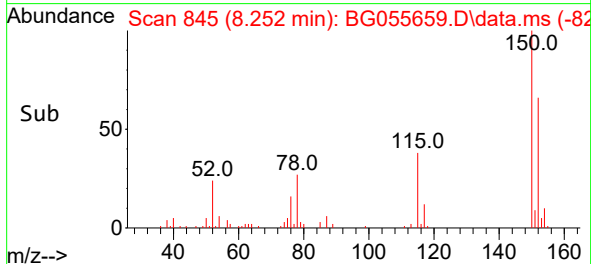
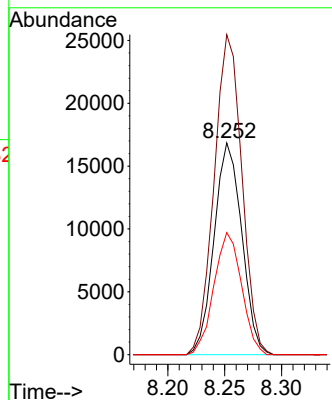
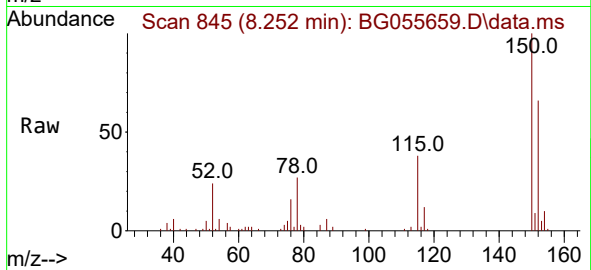




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.252 min Scan# 845
Delta R.T. -0.001 min
Lab File: BG055659.D
Acq: 17 Nov 2022 10:07

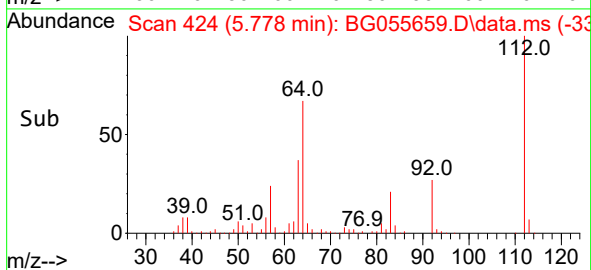
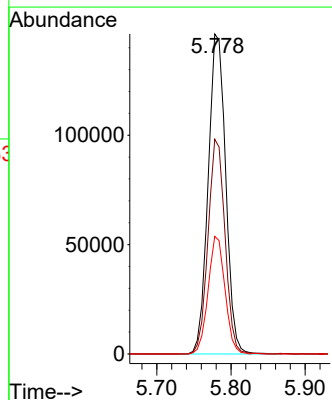
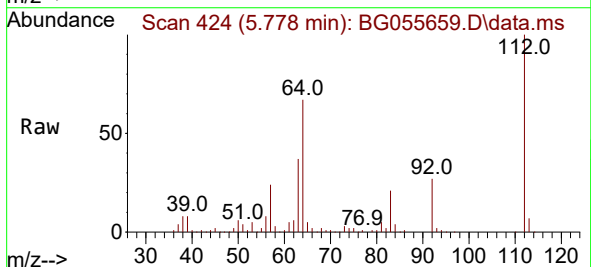
Instrument :
BNA_G
ClientSampleId :
PB149062BL

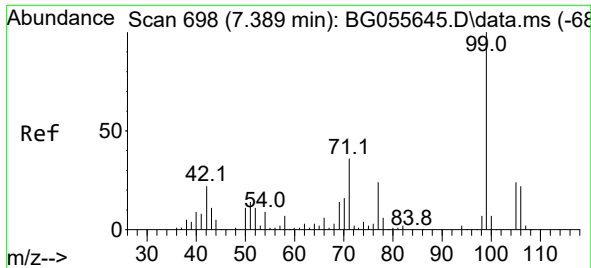
Tgt Ion:152 Resp: 28546
Ion Ratio Lower Upper
152 100
150 151.0 123.0 184.6
115 57.7 47.0 70.4



#5
2-Fluorophenol
Concen: 152.345 ng
RT: 5.778 min Scan# 424
Delta R.T. -0.001 min
Lab File: BG055659.D
Acq: 17 Nov 2022 10:07

Tgt Ion:112 Resp: 240597
Ion Ratio Lower Upper
112 100
64 67.1 50.6 76.0
63 36.8 27.5 41.3

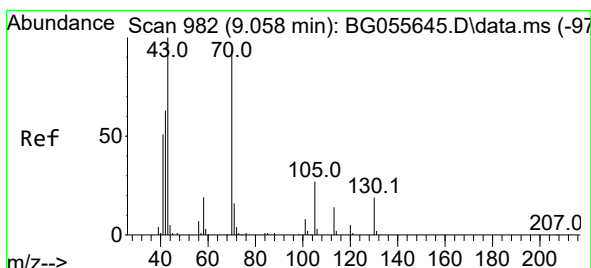
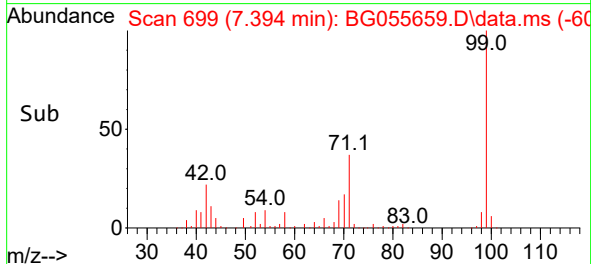
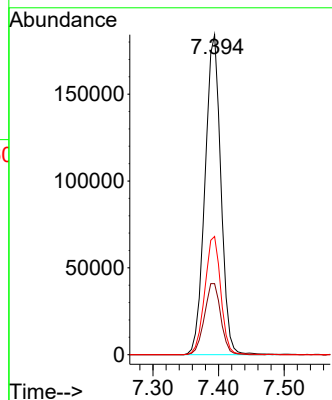
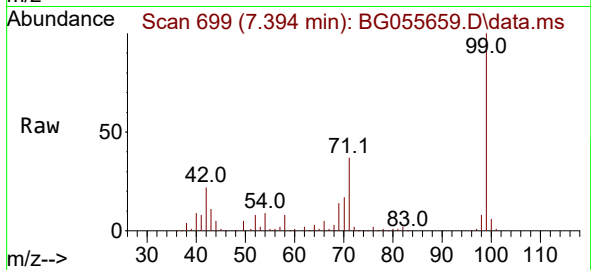




#7
Phenol-d6
Concen: 147.637 ng
RT: 7.394 min Scan# 61
Delta R.T. 0.005 min
Lab File: BG055659.D
Acq: 17 Nov 2022 10:07

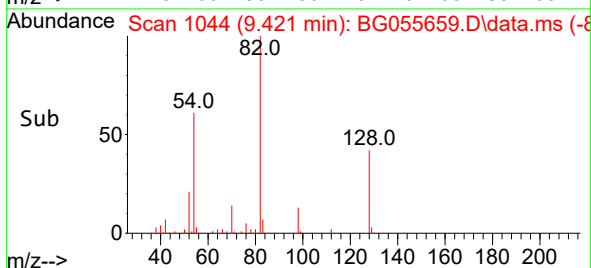
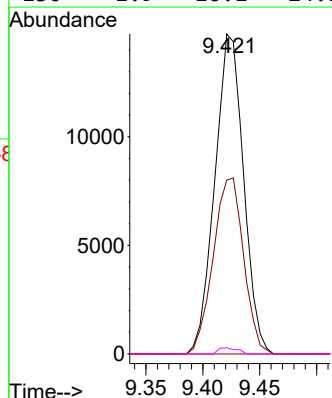
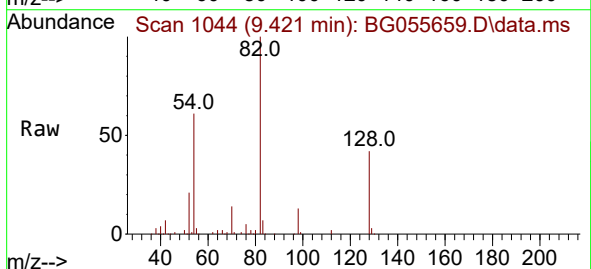
Instrument :
BNA_G
ClientSampleId :
PB149062BL

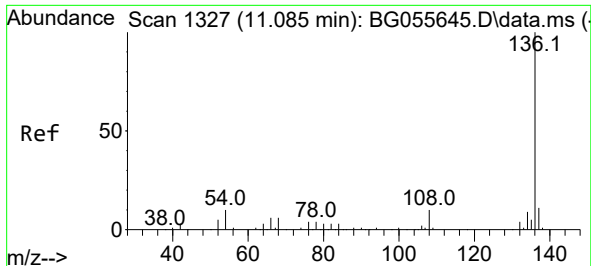
Tgt Ion: 99 Resp: 310376
Ion Ratio Lower Upper
99 100
42 22.2 18.0 27.0
71 36.9 29.0 43.6



#19
n-Nitroso-di-n-propylamine
Concen: 16.022 ng
RT: 9.421 min Scan# 1044
Delta R.T. 0.363 min
Lab File: BG055659.D
Acq: 17 Nov 2022 10:07

Tgt Ion: 70 Resp: 25880
Ion Ratio Lower Upper
70 100
42 54.3 55.2 82.8#
101 0.0 7.1 10.7#
130 1.9 16.1 24.1#

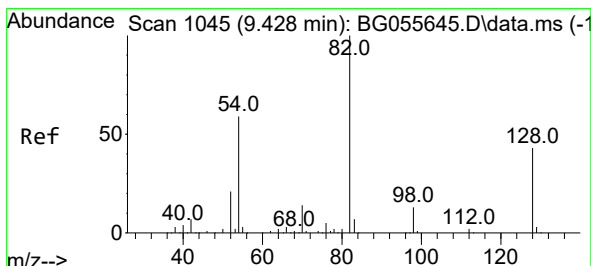
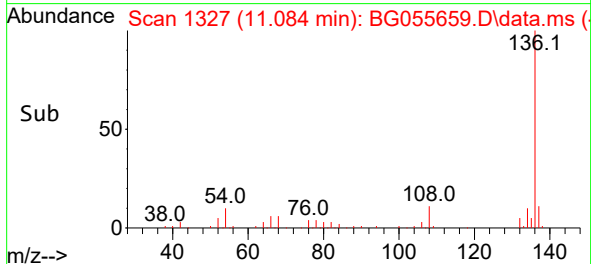
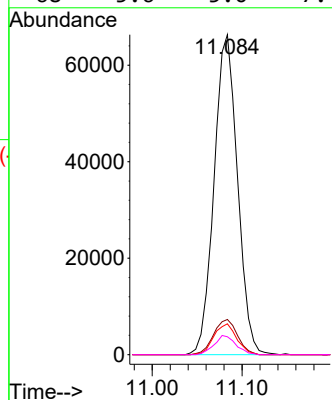
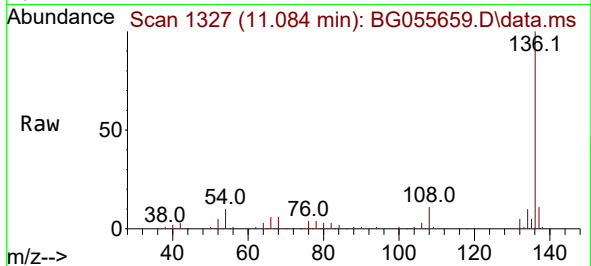




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.084 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG055659.D
Acq: 17 Nov 2022 10:07

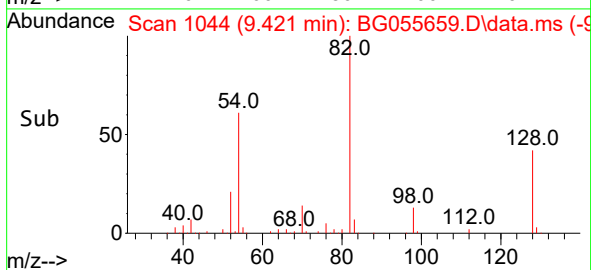
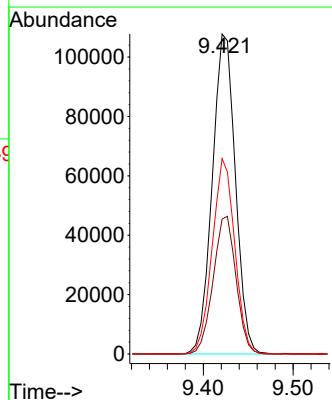
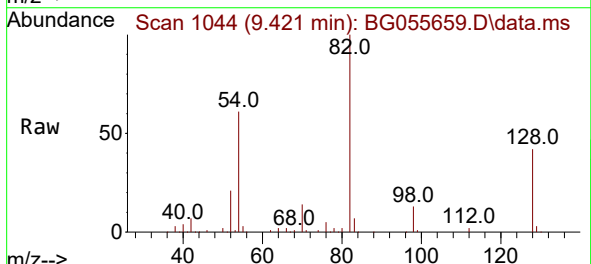
Instrument :
BNA_G
ClientSampleId :
PB149062BL

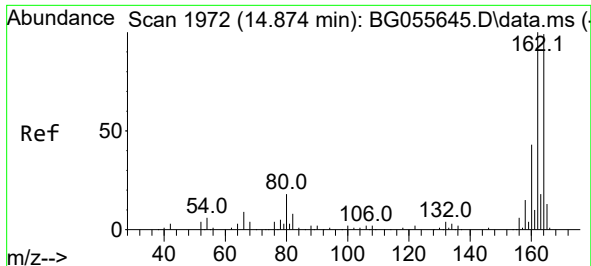
Tgt Ion:	136	Resp:	119973
Ion Ratio	Lower	Upper	
136	100		
137	11.0	9.0	13.6
54	9.6	7.8	11.6
68	5.6	5.0	7.4



#23
Nitrobenzene-d5
Concen: 84.825 ng
RT: 9.421 min Scan# 1044
Delta R.T. -0.007 min
Lab File: BG055659.D
Acq: 17 Nov 2022 10:07

Tgt Ion:	82	Resp:	192540
Ion Ratio	Lower	Upper	
82	100		
128	42.1	34.1	51.1
54	61.0	47.3	70.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.873 min Scan# 1972

Delta R.T. -0.001 min

Lab File: BG055659.D

Acq: 17 Nov 2022 10:07

Instrument :

BNA_G

ClientSampleId :

PB149062BL

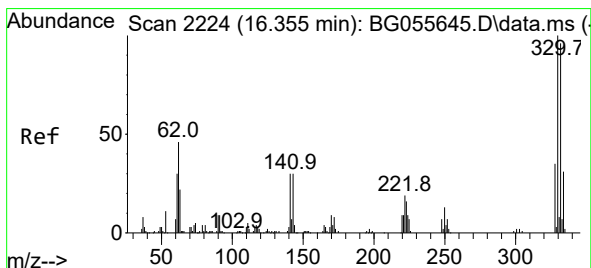
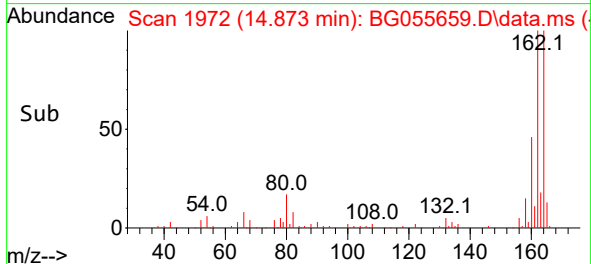
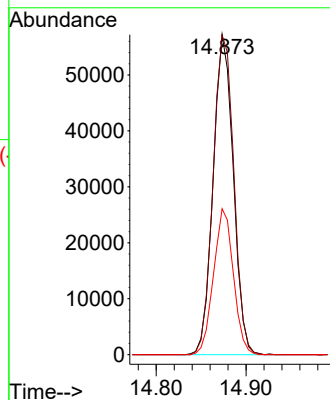
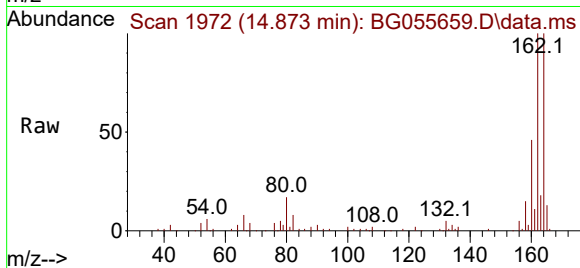
Tgt Ion:164 Resp: 88984

Ion Ratio Lower Upper

164 100

162 99.9 81.1 121.7

160 45.6 34.8 52.2



#42

2,4,6-Tribromophenol

Concen: 147.326 ng

RT: 16.360 min Scan# 2225

Delta R.T. 0.005 min

Lab File: BG055659.D

Acq: 17 Nov 2022 10:07

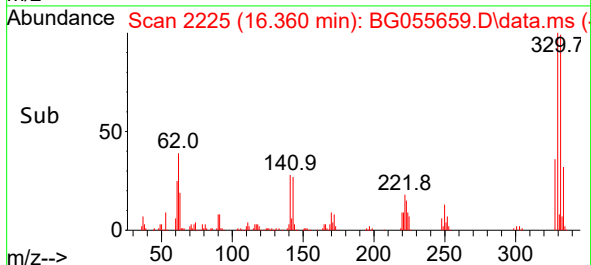
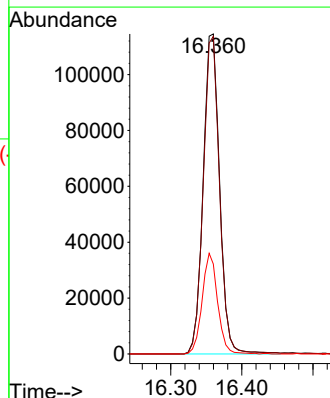
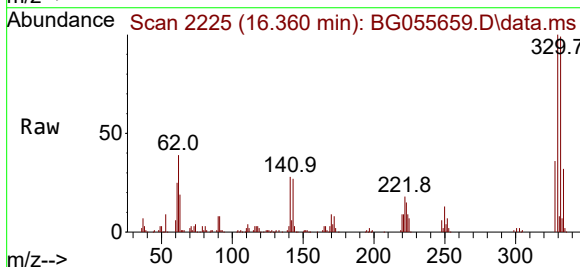
Tgt Ion:330 Resp: 184601

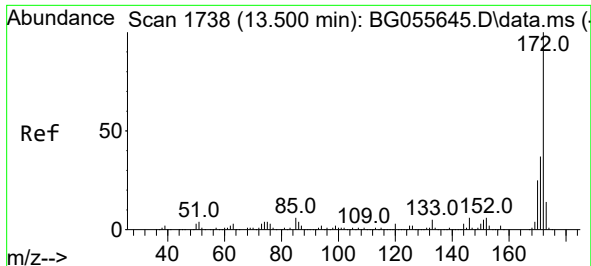
Ion Ratio Lower Upper

330 100

332 97.9 77.8 116.8

141 29.5 23.9 35.9

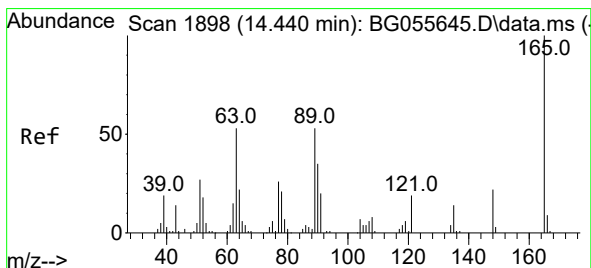
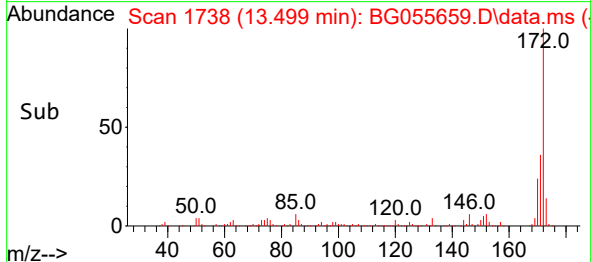
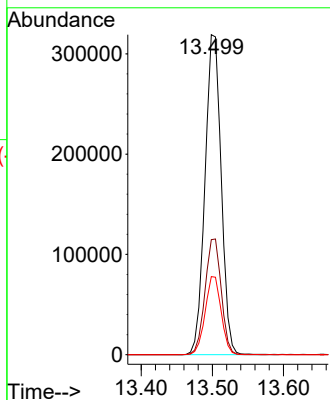
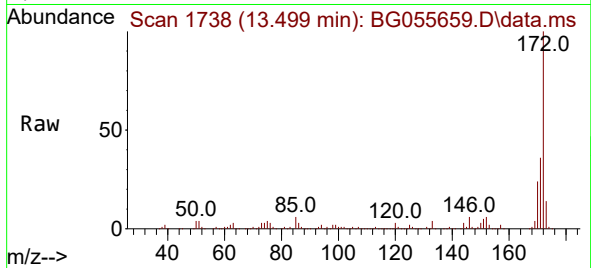




#45
2-Fluorobiphenyl
Concen: 85.415 ng
RT: 13.499 min Scan# 1
Delta R.T. -0.001 min
Lab File: BG055659.D
Acq: 17 Nov 2022 10:07

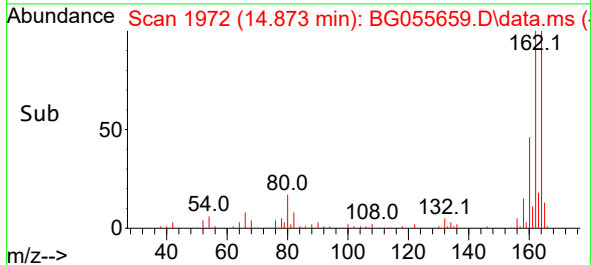
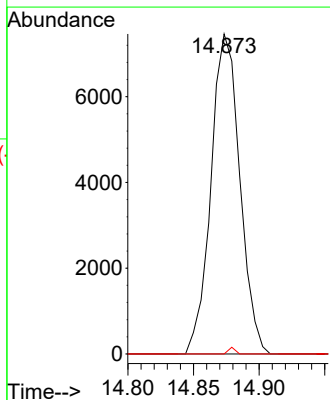
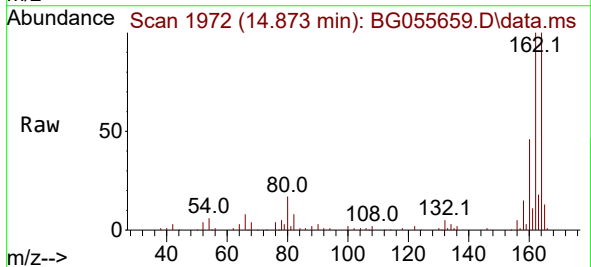
Instrument :
BNA_G
ClientSampleId :
PB149062BL

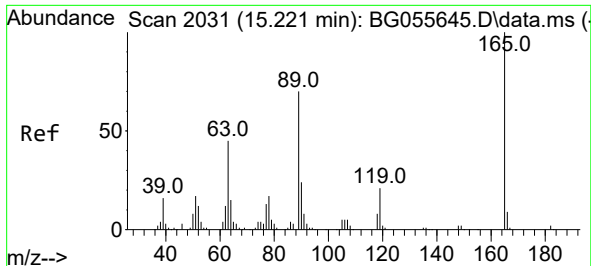
Tgt Ion:172 Resp: 507338
Ion Ratio Lower Upper
172 100
171 36.0 29.8 44.6
170 24.4 20.2 30.4



#51
2,6-Dinitrotoluene
Concen: 7.881 ng
RT: 14.873 min Scan# 1972
Delta R.T. 0.434 min
Lab File: BG055659.D
Acq: 17 Nov 2022 10:07

Tgt Ion:165 Resp: 11430
Ion Ratio Lower Upper
165 100
63 0.0 44.6 66.8#
89 0.0 42.2 63.4#





#57

2,4-Dinitrotoluene

Concen: 5.589 ng

RT: 14.873 min Scan# 1972

Delta R.T. -0.348 min

Lab File: BG055659.D

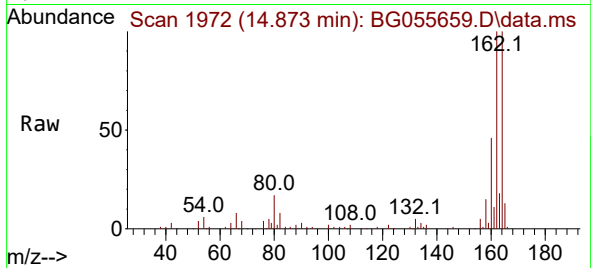
Acq: 17 Nov 2022 10:07

Instrument :

BNA_G

ClientSampleId :

PB149062BL



Tgt Ion:165 Resp: 11430

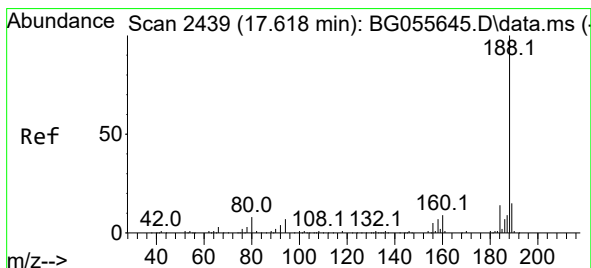
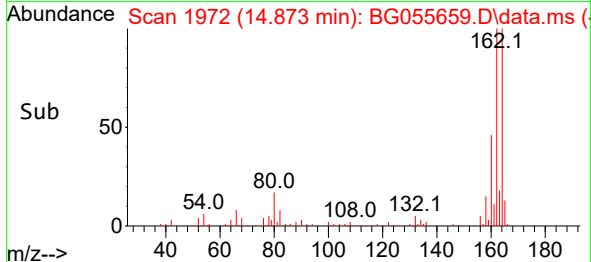
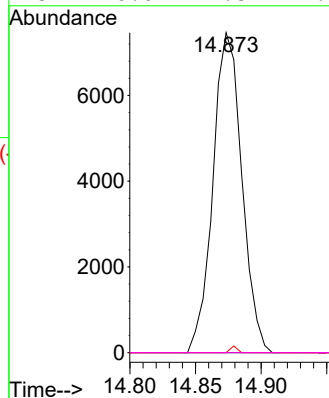
Ion Ratio Lower Upper

165 100

63 0.0 35.8 53.8#

89 0.0 56.2 84.4#

182 0.0 1.8 2.8#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.617 min Scan# 2439

Delta R.T. -0.001 min

Lab File: BG055659.D

Acq: 17 Nov 2022 10:07

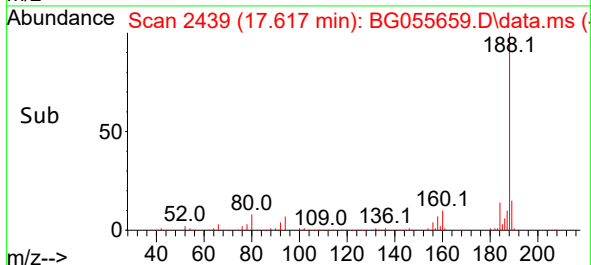
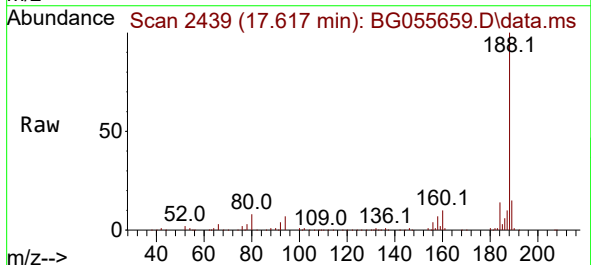
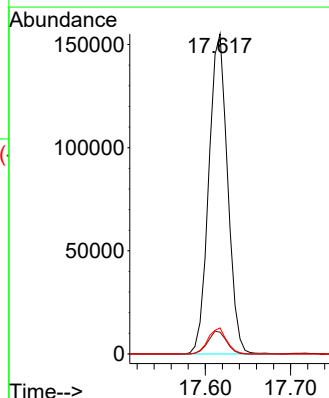
Tgt Ion:188 Resp: 237350

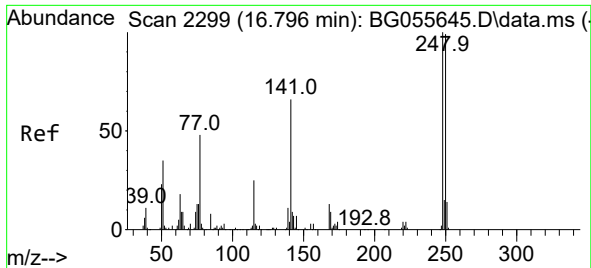
Ion Ratio Lower Upper

188 100

94 6.8 5.4 8.2

80 8.2 6.6 10.0

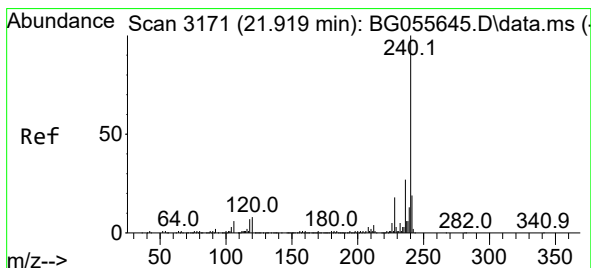
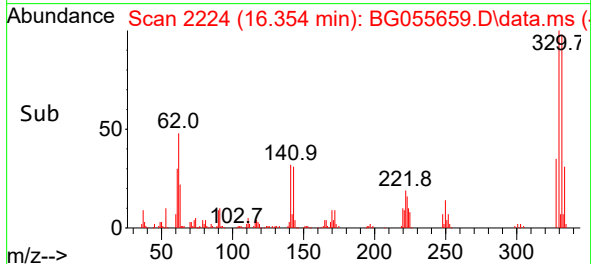
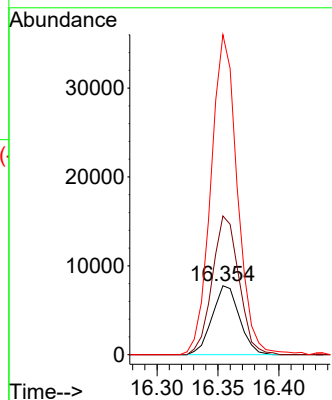
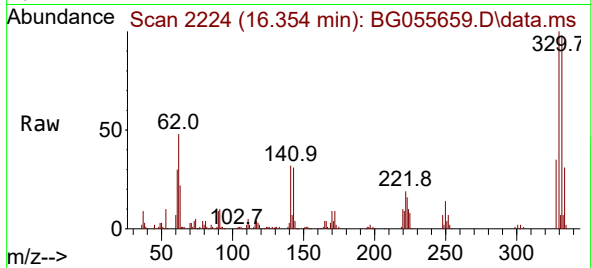




#67
4-Bromophenyl-phenylether
Concen: 4.471 ng
RT: 16.354 min Scan# 21
Delta R.T. -0.442 min
Lab File: BG055659.D
Acq: 17 Nov 2022 10:07

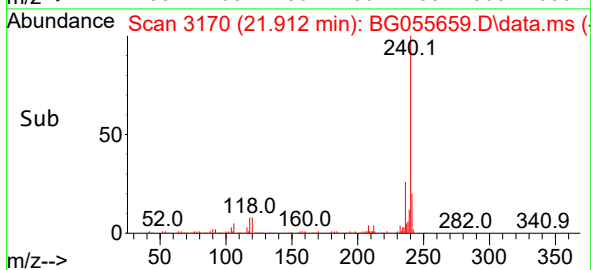
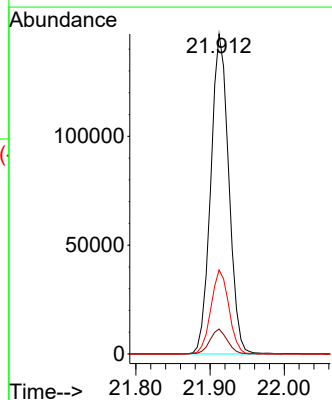
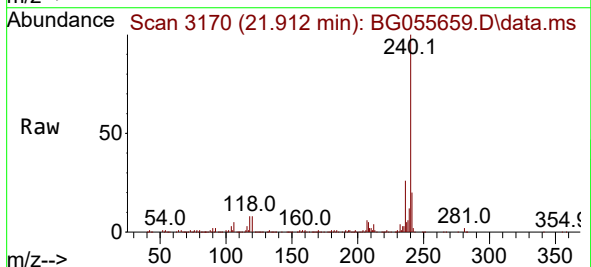
Instrument :
BNA_G
ClientSampleId :
PB149062BL

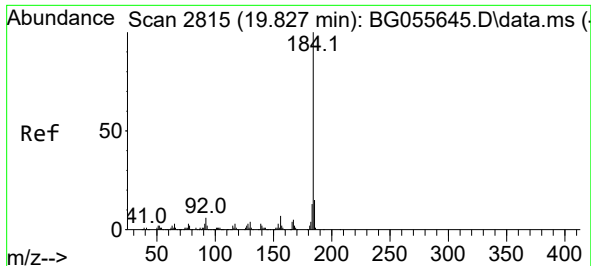
Tgt Ion:248 Resp: 12090
Ion Ratio Lower Upper
248 100
250 201.0 79.0 118.4#
141 463.5 52.9 79.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.912 min Scan# 3170
Delta R.T. -0.007 min
Lab File: BG055659.D
Acq: 17 Nov 2022 10:07

Tgt Ion:240 Resp: 247588
Ion Ratio Lower Upper
240 100
120 7.8 6.3 9.5
236 26.3 21.9 32.9

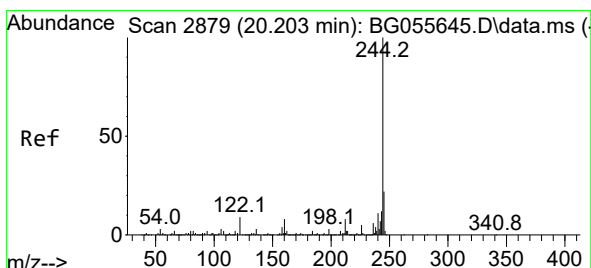
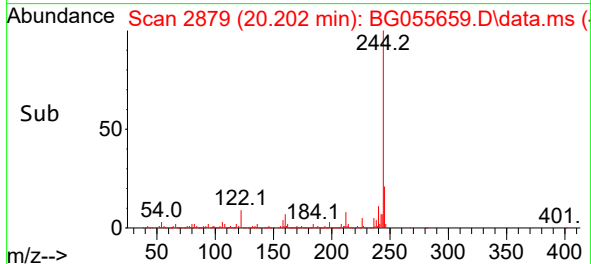
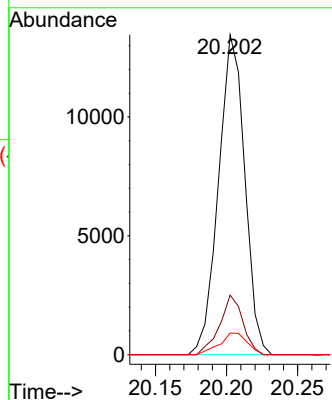
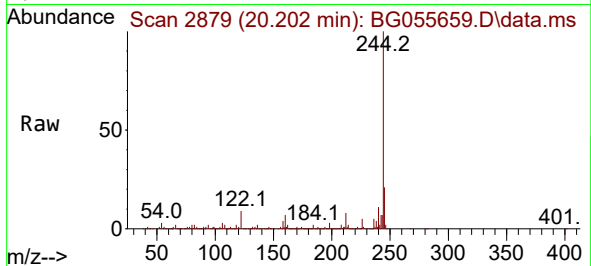




#77
Benzidine
Concen: 3.008 ng
RT: 20.202 min Scan# 2879
Delta R.T. 0.375 min
Lab File: BG055659.D
Acq: 17 Nov 2022 10:07

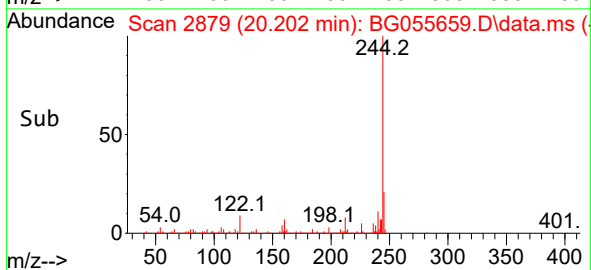
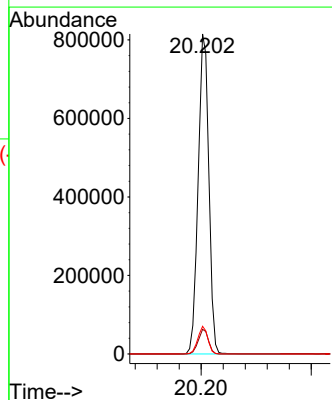
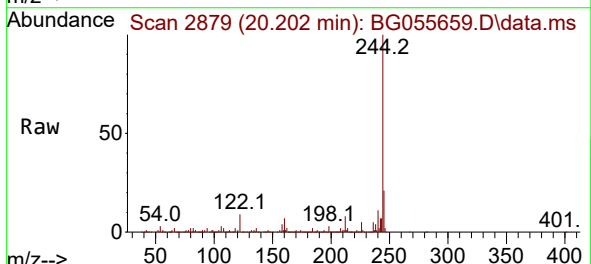
Instrument :
BNA_G
ClientSampleId :
PB149062BL

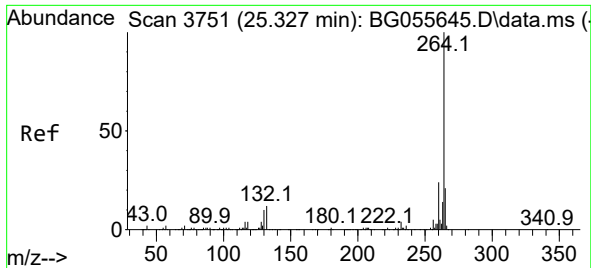
Tgt Ion:184 Resp: 17232
Ion Ratio Lower Upper
184 100
185 18.6 11.8 17.8#
183 6.7 10.6 15.8#



#79
Terphenyl-d14
Concen: 88.552 ng
RT: 20.202 min Scan# 2879
Delta R.T. -0.001 min
Lab File: BG055659.D
Acq: 17 Nov 2022 10:07

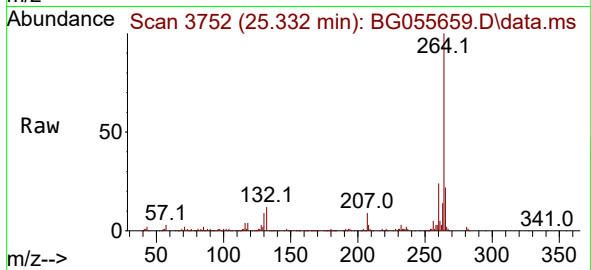
Tgt Ion:244 Resp: 1096151
Ion Ratio Lower Upper
244 100
212 7.7 6.3 9.5
122 8.7 6.9 10.3





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.332 min Scan# 31
 Delta R.T. 0.005 min
 Lab File: BG055659.D
 Acq: 17 Nov 2022 10:07

Instrument :
 BNA_G
 ClientSampleId :
 PB149062BL



Tgt Ion:264 Resp: 262362
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.5 29.3
 265 21.8 17.1 25.7

