

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120822\
 Data File : BG055933.D
 Acq On : 8 Dec 2022 18:46
 Operator : CG/JU
 Sample : N5895-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MH-19

Quant Time: Dec 09 08:11:47 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 09 07:57:14 2022
 Response via : Initial Calibration

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

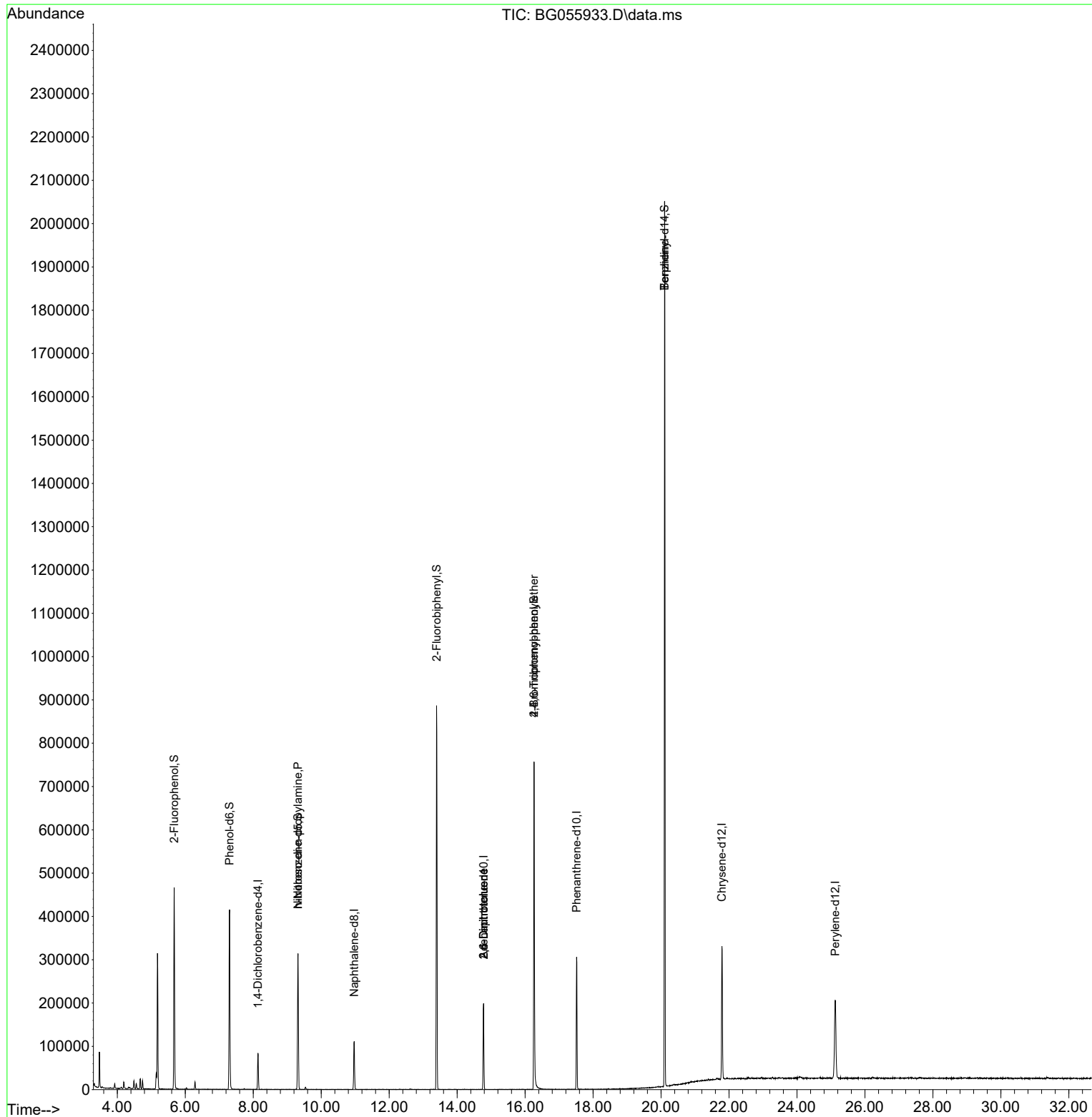
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.138	152	23544	20.000	ng	0.00
21) Naphthalene-d8	10.970	136	95843	20.000	ng	0.00
39) Acenaphthene-d10	14.777	164	70656	20.000	ng	0.00
64) Phenanthrene-d10	17.515	188	202307	20.000	ng	0.00
76) Chrysene-d12	21.793	240	191745	20.000	ng	0.00
86) Perylene-d12	25.124	264	211443	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.676	112	199211	152.938	ng	0.00
7) Phenol-d6	7.304	99	234405	135.188	ng	0.00
23) Nitrobenzene-d5	9.319	82	181232	99.944	ng	0.00
42) 2,4,6-Tribromophenol	16.264	330	169931	170.797	ng	0.00
45) 2-Fluorobiphenyl	13.397	172	464785	98.549	ng	0.00
79) Terphenyl-d14	20.106	244	1023344	106.747	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.319	70	25040	18.796	ng	# 77
51) 2,6-Dinitrotoluene	14.777	165	9044	7.853	ng	# 24
57) 2,4-Dinitrotoluene	14.777	165	9044	5.570	ng	# 22
67) 4-Bromophenyl-phenylether	16.264	248	10904	4.730	ng	# 1
77) Benzidine	20.106	184	16297	3.674	ng	# 91

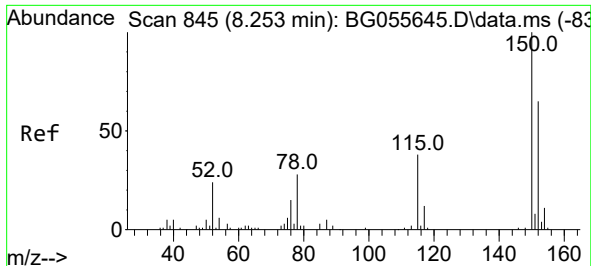
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120822\
Data File : BG055933.D
Acq On : 8 Dec 2022 18:46
Operator : CG/JU
Sample : N5895-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MH-19

Quant Time: Dec 09 08:11:47 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 09 07:57:14 2022
Response via : Initial Calibration

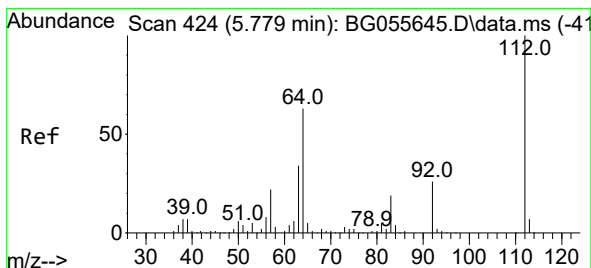
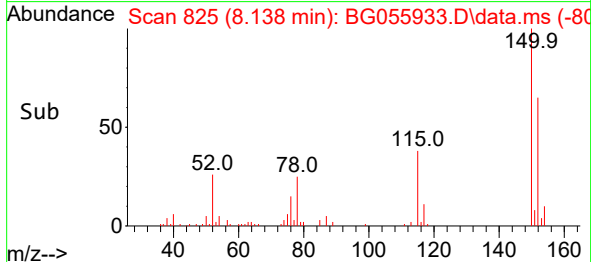
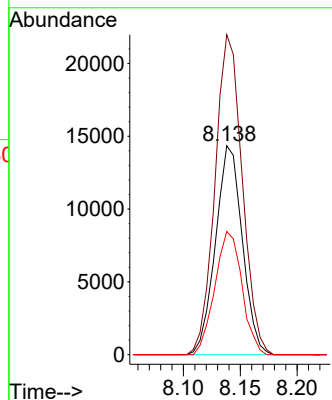
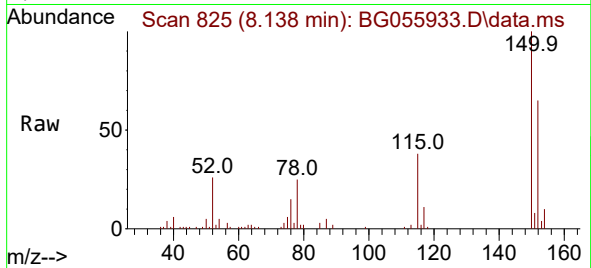




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.138 min Scan# 81
Delta R.T. -0.002 min
Lab File: BG055933.D
Acq: 8 Dec 2022 18:46

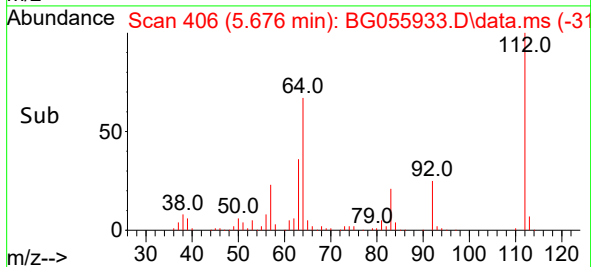
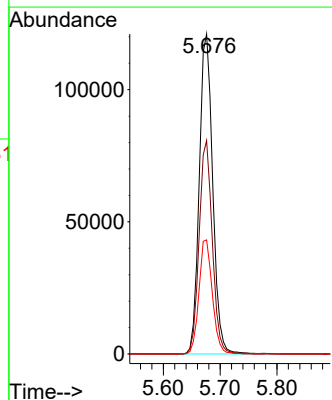
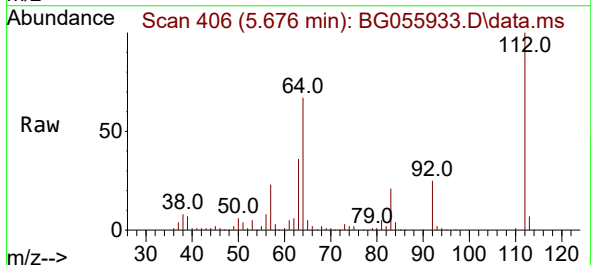
Instrument :
BNA_G
ClientSampleId :
MH-19

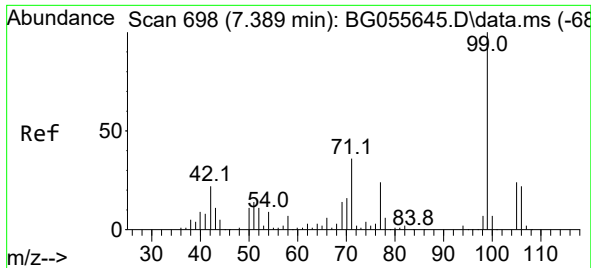
Tgt Ion:152 Resp: 23544
Ion Ratio Lower Upper
152 100
150 153.1 123.0 184.6
115 59.0 47.0 70.4



#5
2-Fluorophenol
Concen: 152.938 ng
RT: 5.676 min Scan# 406
Delta R.T. 0.003 min
Lab File: BG055933.D
Acq: 8 Dec 2022 18:46

Tgt Ion:112 Resp: 199211
Ion Ratio Lower Upper
112 100
64 66.7 50.6 76.0
63 35.6 27.5 41.3

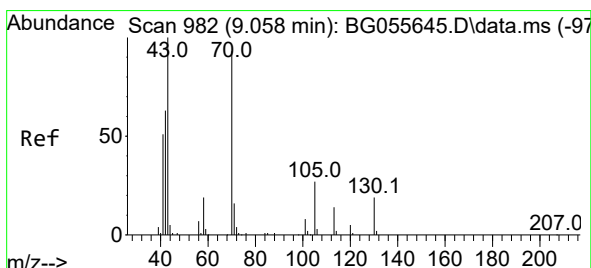
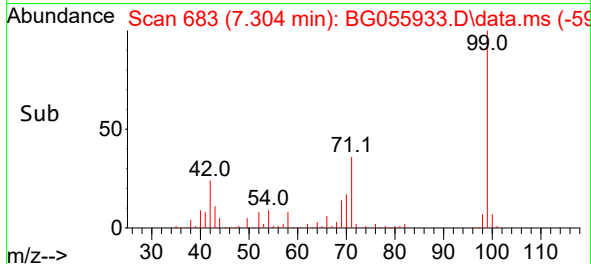
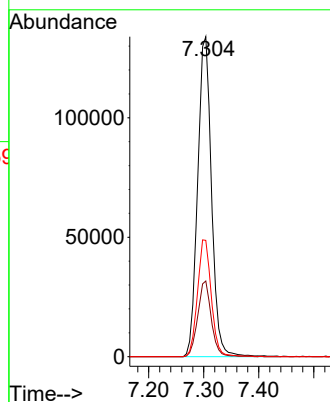
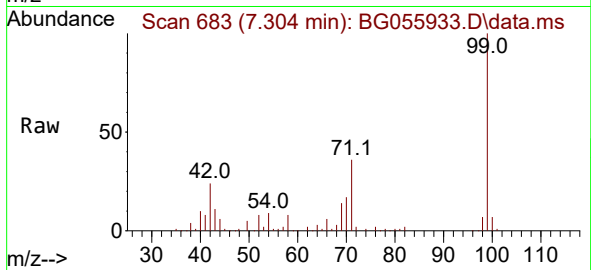




#7
Phenol-d6
Concen: 135.188 ng
RT: 7.304 min Scan# 61
Delta R.T. 0.003 min
Lab File: BG055933.D
Acq: 8 Dec 2022 18:46

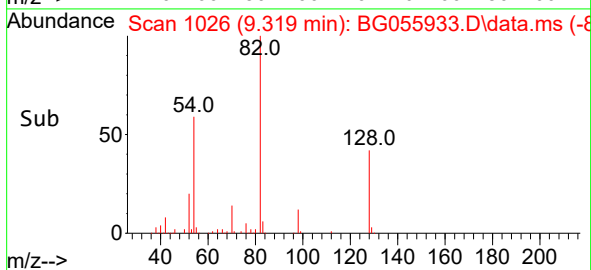
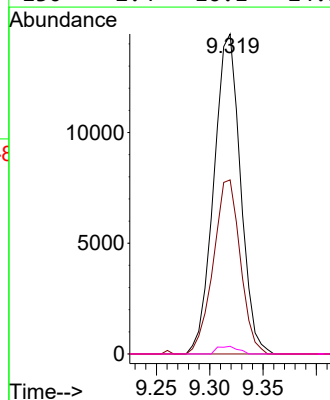
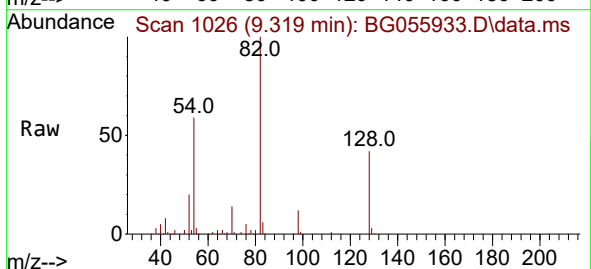
Instrument :
BNA_G
ClientSampleId :
MH-19

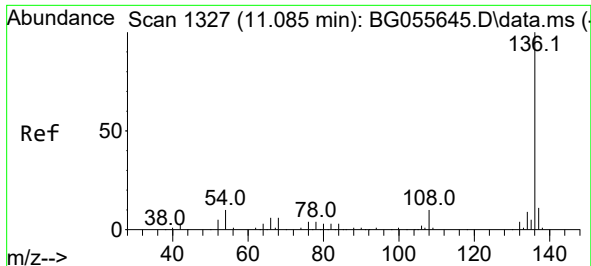
Tgt Ion: 99 Resp: 234405
Ion Ratio Lower Upper
99 100
42 23.6 18.0 27.0
71 36.4 29.0 43.6



#19
n-Nitroso-di-n-propylamine
Concen: 18.796 ng
RT: 9.319 min Scan# 1026
Delta R.T. 0.368 min
Lab File: BG055933.D
Acq: 8 Dec 2022 18:46

Tgt Ion: 70 Resp: 25040
Ion Ratio Lower Upper
70 100
42 54.4 55.2 82.8#
101 0.0 7.1 10.7#
130 2.4 16.1 24.1#

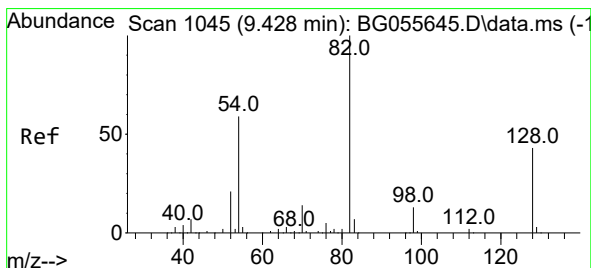
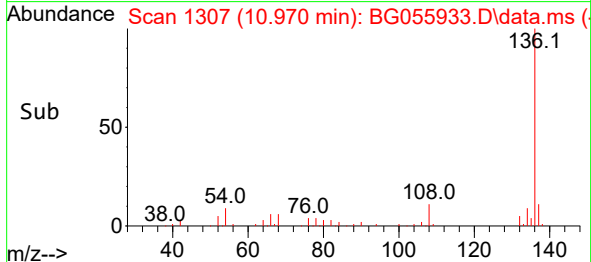
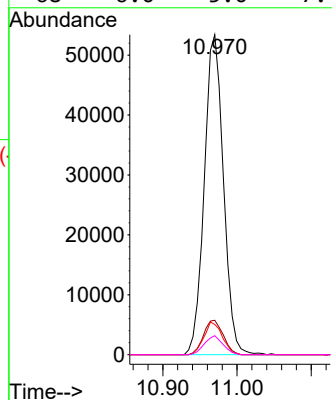
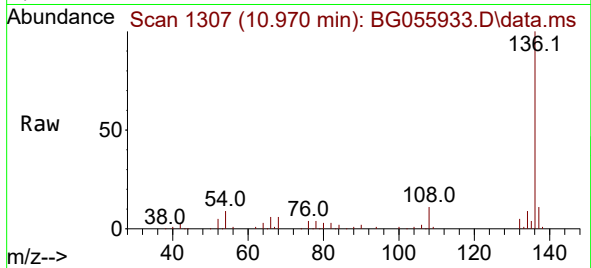




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.970 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG055933.D
Acq: 8 Dec 2022 18:46

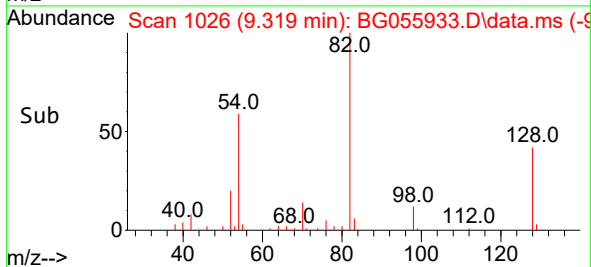
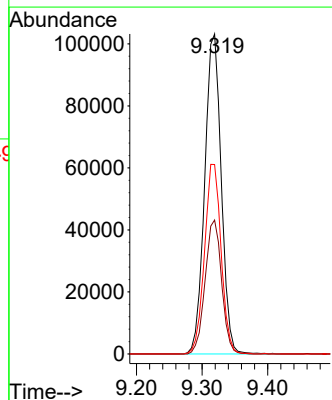
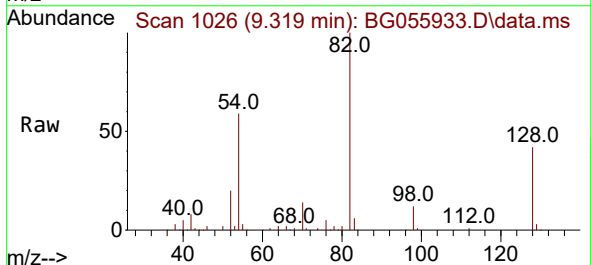
Instrument :
BNA_G
ClientSampleId :
MH-19

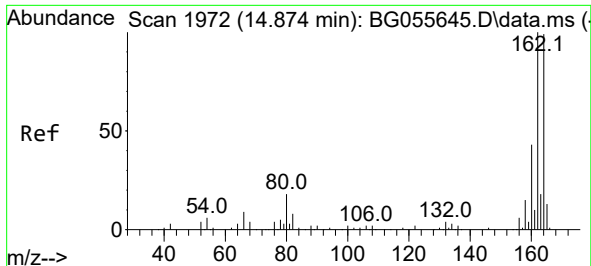
Tgt Ion:	136	Resp:	95843
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.0	13.6
54	9.5	7.8	11.6
68	6.0	5.0	7.4



#23
Nitrobenzene-d5
Concen: 99.944 ng
RT: 9.319 min Scan# 1026
Delta R.T. -0.002 min
Lab File: BG055933.D
Acq: 8 Dec 2022 18:46

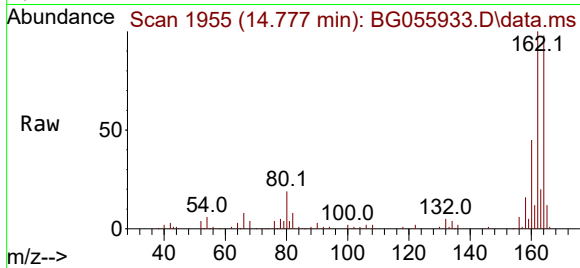
Tgt Ion:	82	Resp:	181232
Ion	Ratio	Lower	Upper
82	100		
128	41.9	34.1	51.1
54	59.2	47.3	70.9



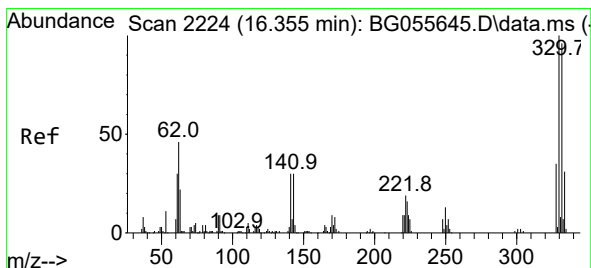
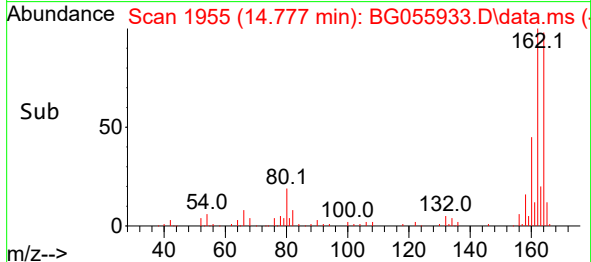
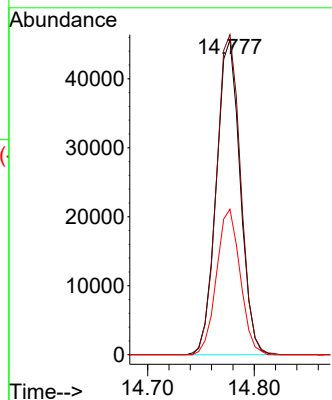


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.777 min Scan# 1955
Delta R.T. -0.002 min
Lab File: BG055933.D
Acq: 8 Dec 2022 18:46

Instrument :
BNA_G
ClientSampleId :
MH-19

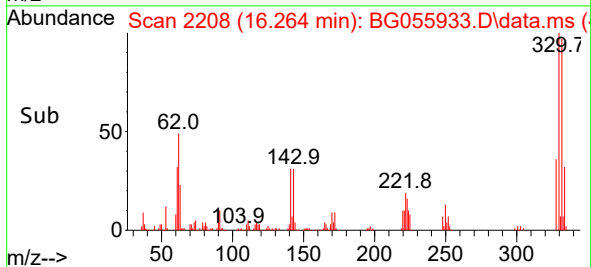
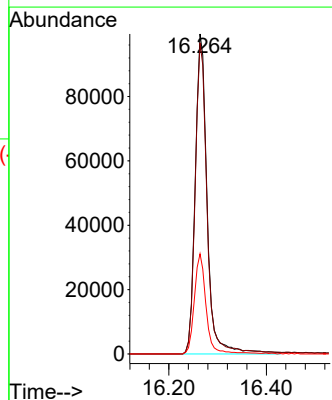
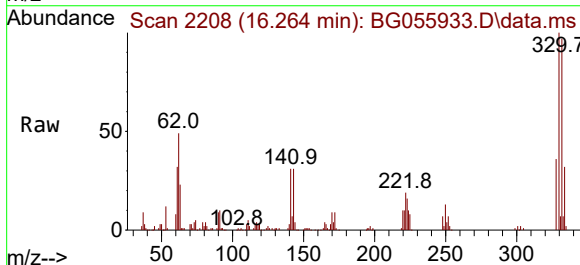


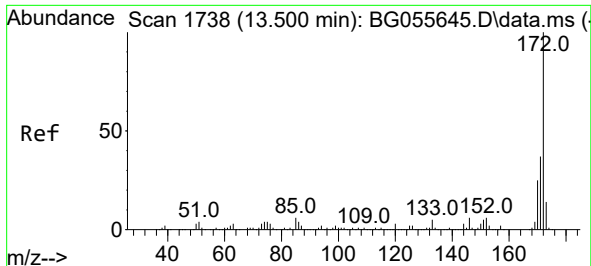
Tgt Ion:164 Resp: 70656
Ion Ratio Lower Upper
164 100
162 101.6 81.1 121.7
160 46.2 34.8 52.2



#42
2,4,6-Tribromophenol
Concen: 170.797 ng
RT: 16.264 min Scan# 2208
Delta R.T. -0.002 min
Lab File: BG055933.D
Acq: 8 Dec 2022 18:46

Tgt Ion:330 Resp: 169931
Ion Ratio Lower Upper
330 100
332 97.2 77.8 116.8
141 30.9 23.9 35.9

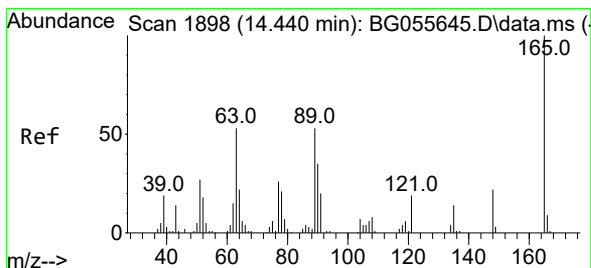
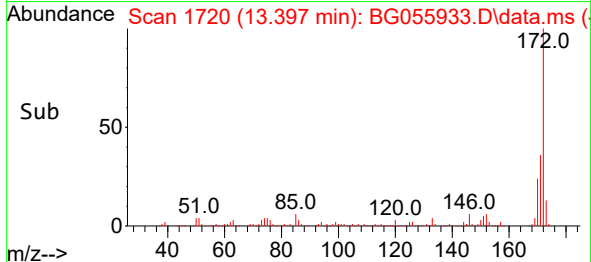
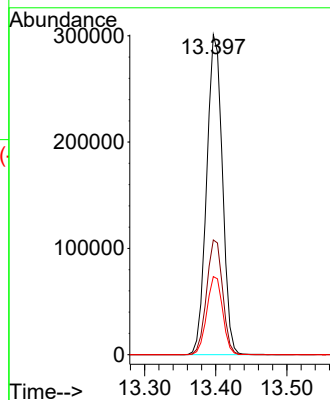
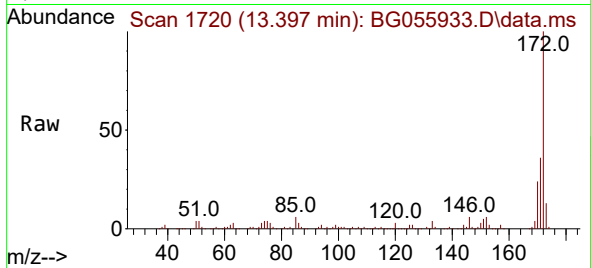




#45
2-Fluorobiphenyl
Concen: 98.549 ng
RT: 13.397 min Scan# 1
Delta R.T. -0.008 min
Lab File: BG055933.D
Acq: 8 Dec 2022 18:46

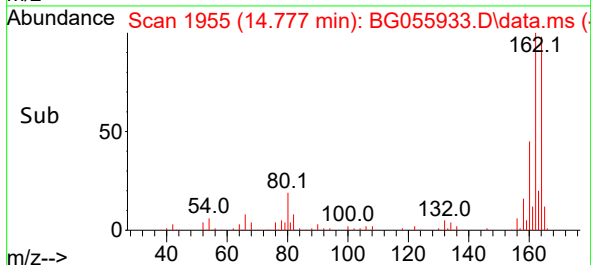
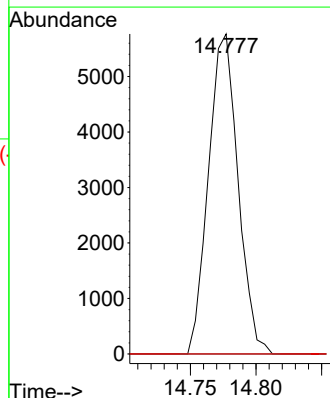
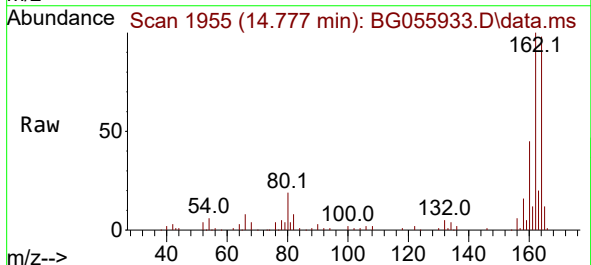
Instrument :
BNA_G
ClientSampleId :
MH-19

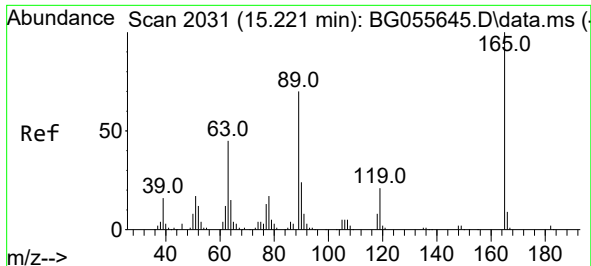
Tgt Ion:172 Resp: 464785
Ion Ratio Lower Upper
172 100
171 35.9 29.8 44.6
170 24.4 20.2 30.4



#51
2,6-Dinitrotoluene
Concen: 7.853 ng
RT: 14.777 min Scan# 1955
Delta R.T. 0.421 min
Lab File: BG055933.D
Acq: 8 Dec 2022 18:46

Tgt Ion:165 Resp: 9044
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: 5.570 ng

RT: 14.777 min Scan# 1955

Delta R.T. -0.367 min

Lab File: BG055933.D

Acq: 8 Dec 2022 18:46

Instrument :

BNA_G

ClientSampleId :

MH-19

Tgt Ion:165 Resp: 9044

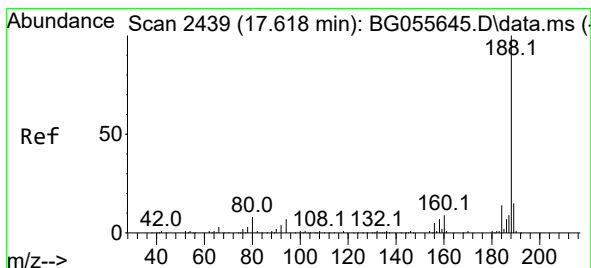
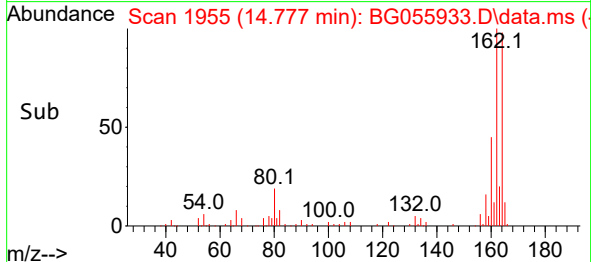
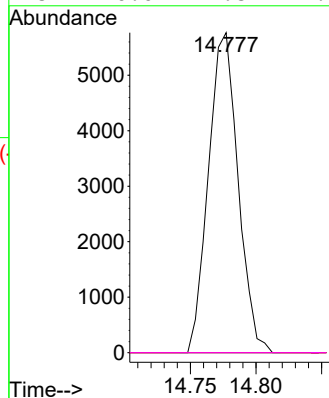
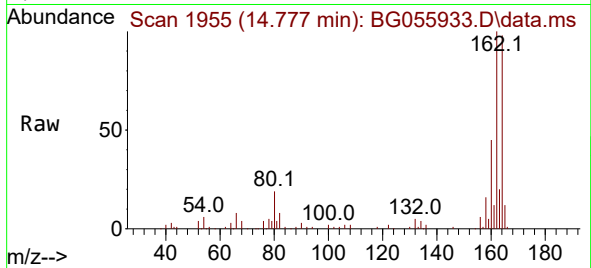
Ion Ratio Lower Upper

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: 17.515 min Scan# 2421

Delta R.T. -0.008 min

Lab File: BG055933.D

Acq: 8 Dec 2022 18:46

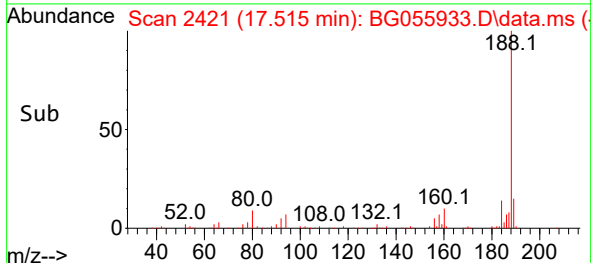
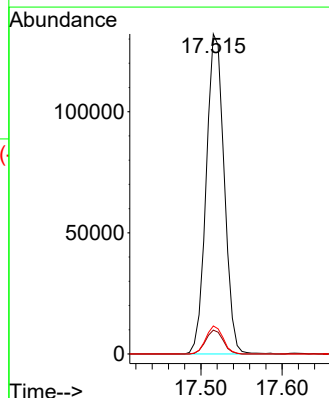
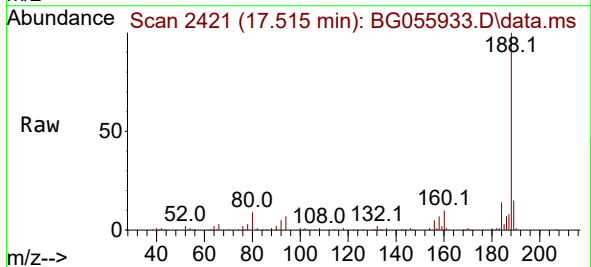
Tgt Ion:188 Resp: 202307

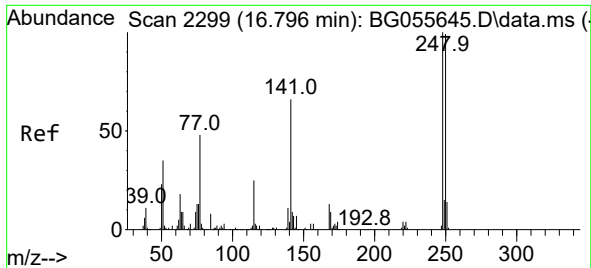
Ion Ratio Lower Upper

188 100

94 7.5 5.4 8.2

80 8.8 6.6 10.0

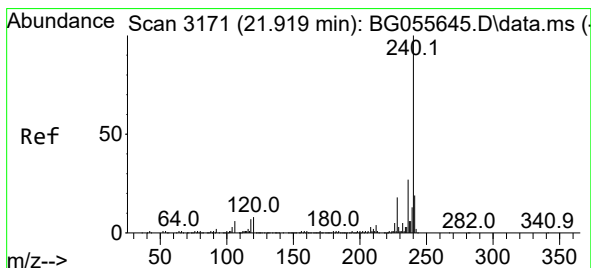
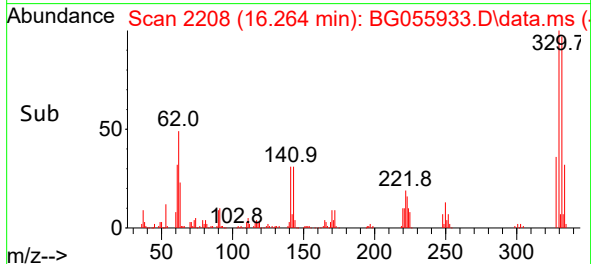
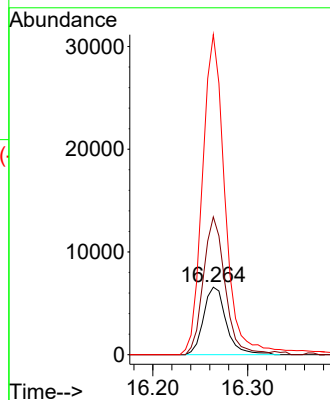
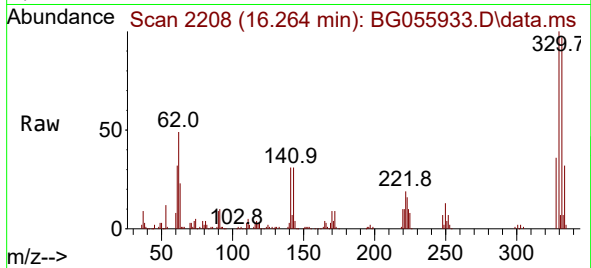




#67
4-Bromophenyl-phenylether
Concen: 4.730 ng
RT: 16.264 min Scan# 21
Delta R.T. -0.437 min
Lab File: BG055933.D
Acq: 8 Dec 2022 18:46

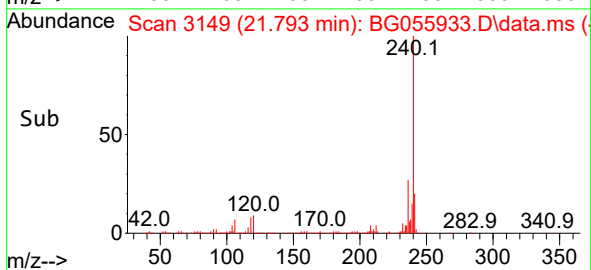
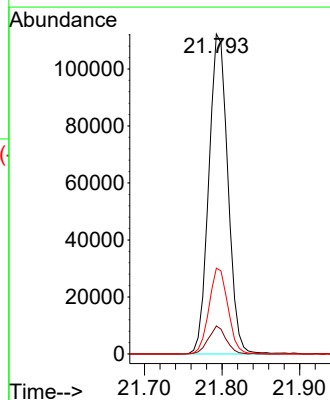
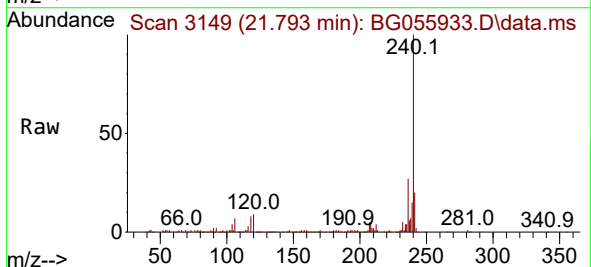
Instrument :
BNA_G
ClientSampleId :
MH-19

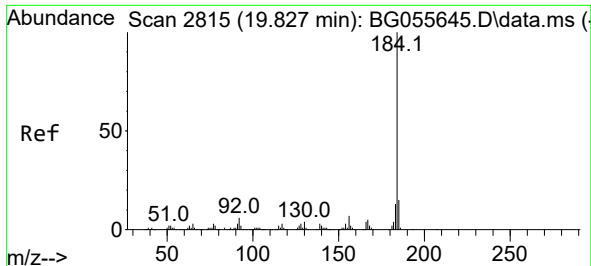
Tgt Ion:248 Resp: 10904
Ion Ratio Lower Upper
248 100
250 156.5 79.0 118.4#
141 363.5 52.9 79.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.793 min Scan# 3149
Delta R.T. -0.008 min
Lab File: BG055933.D
Acq: 8 Dec 2022 18:46

Tgt Ion:240 Resp: 191745
Ion Ratio Lower Upper
240 100
120 8.8 6.3 9.5
236 26.8 21.9 32.9

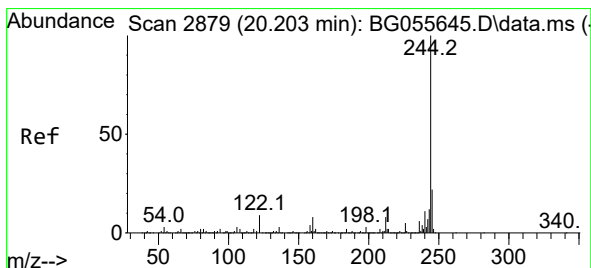
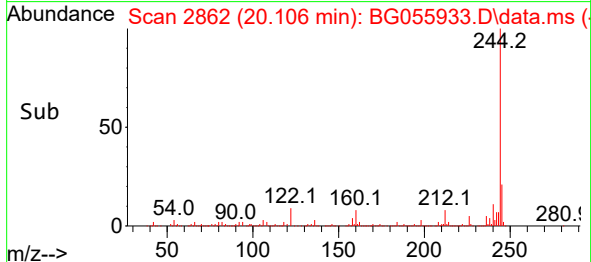
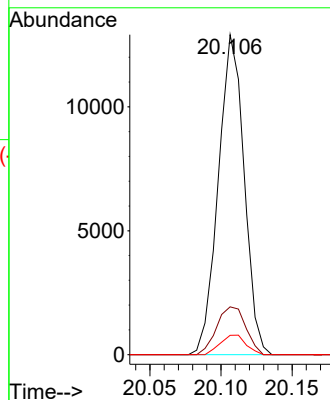
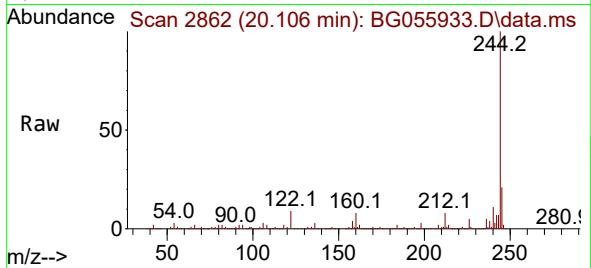




#77
Benzidine
Concen: 3.674 ng
RT: 20.106 min Scan# 2862
Delta R.T. 0.368 min
Lab File: BG055933.D
Acq: 8 Dec 2022 18:46

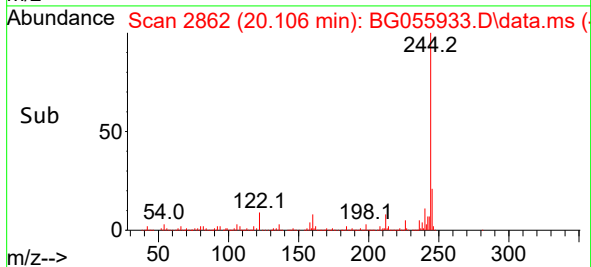
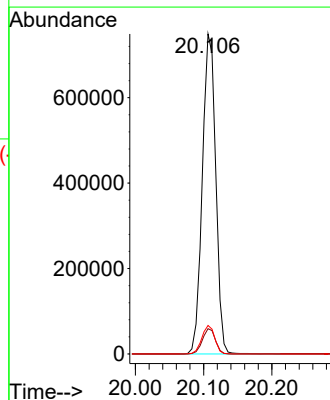
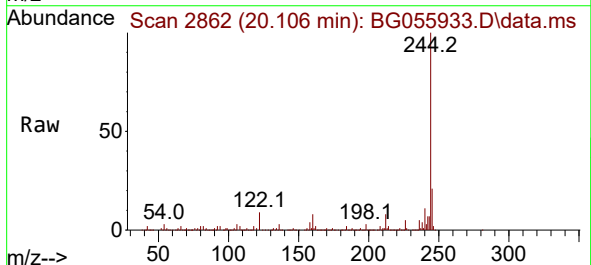
Instrument :
BNA_G
ClientSampleId :
MH-19

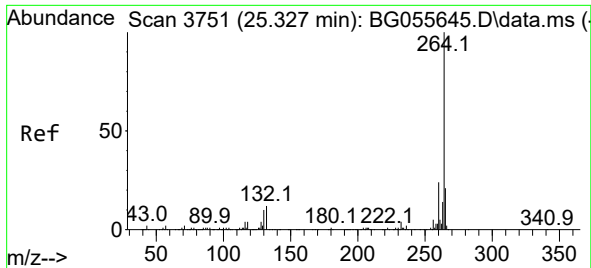
Tgt Ion:184 Resp: 16297
Ion Ratio Lower Upper
184 100
185 14.9 11.8 17.8
183 6.1 10.6 15.8#



#79
Terphenyl-d14
Concen: 106.747 ng
RT: 20.106 min Scan# 2862
Delta R.T. -0.002 min
Lab File: BG055933.D
Acq: 8 Dec 2022 18:46

Tgt Ion:244 Resp: 1023344
Ion Ratio Lower Upper
244 100
212 7.9 6.3 9.5
122 8.9 6.9 10.3





#86

Perylene-d12

Concen: 20.000 ng

RT: 25.124 min Scan# 31

Delta R.T. -0.008 min

Lab File: BG055933.D

Acq: 8 Dec 2022 18:46

Instrument :

BNA_G

ClientSampleId :

MH-19

Tgt Ion:264 Resp: 211443

Ion Ratio Lower Upper

264 100

260 23.3 19.5 29.3

265 21.0 17.1 25.7

