

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042922\
 Data File : BG053389.D
 Acq On : 29 Apr 2022 22:50
 Operator : CG/JU
 Sample : N2600-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MH-15S

Quant Time: May 02 01:04:18 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Apr 24 01:13:30 2022
 Response via : Initial Calibration

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

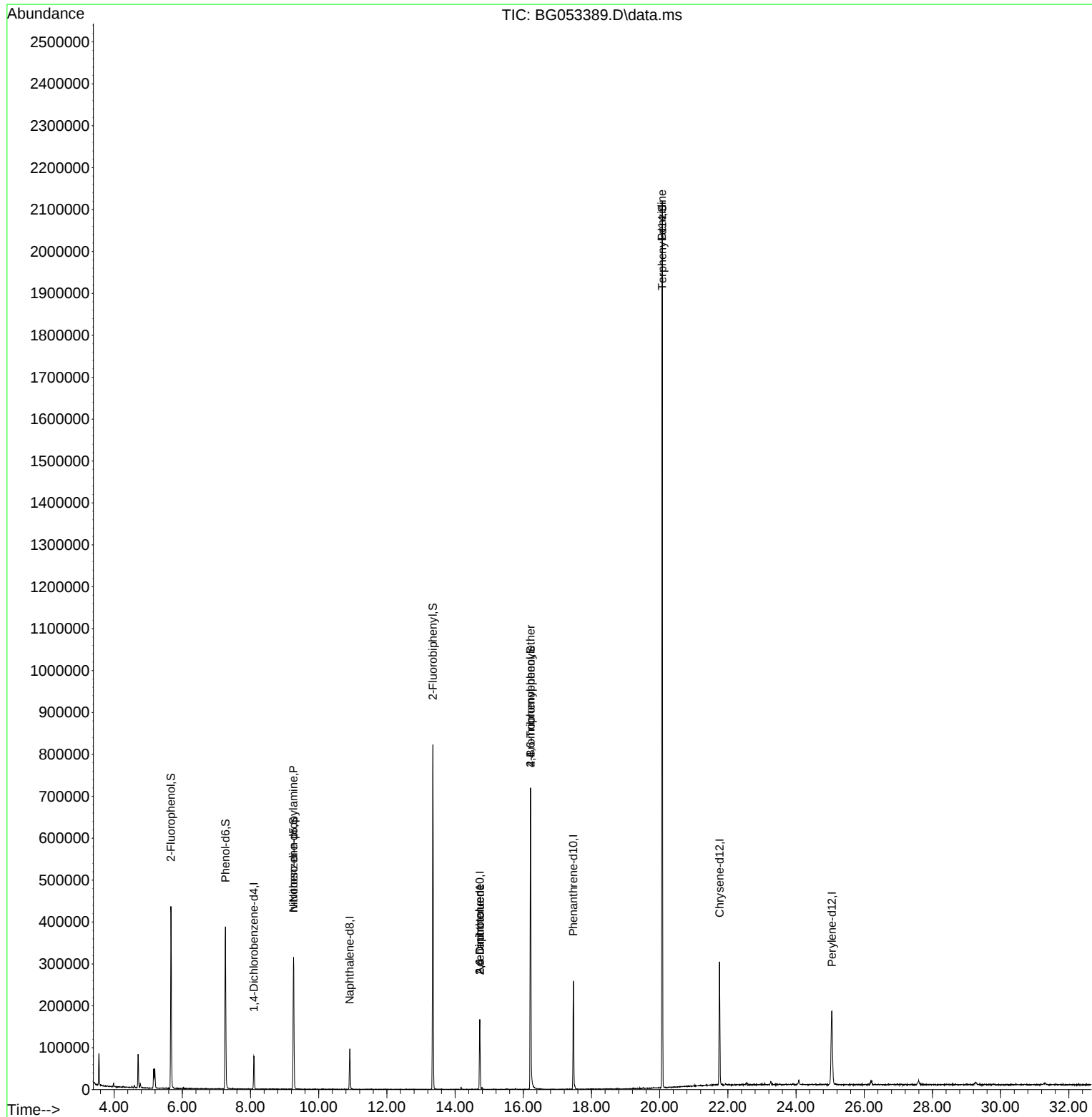
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.098	152	22128	20.000	ng	-0.01
21) Naphthalene-d8	10.912	136	82208	20.000	ng	0.00
39) Acenaphthene-d10	14.725	164	61682	20.000	ng	0.00
64) Phenanthrene-d10	17.468	188	170885	20.000	ng	-0.02
76) Chrysene-d12	21.756	240	199003	20.000	ng	0.00
86) Perylene-d12	25.052	264	200415	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.666	112	178957	138.632	ng	0.00
7) Phenol-d6	7.264	99	224600	112.827	ng	0.00
23) Nitrobenzene-d5	9.261	82	200950	99.251	ng	-0.02
42) 2,4,6-Tribromophenol	16.217	330	156948	159.933	ng	0.00
45) 2-Fluorobiphenyl	13.350	172	432456	96.676	ng	0.00
79) Terphenyl-d14	20.076	244	1074799	91.216	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.261	70	28402	19.488	ng	# 78
51) 2,6-Dinitrotoluene	14.725	165	7960	7.734	ng	# 24
57) 2,4-Dinitrotoluene	14.725	165	7960	5.432	ng	# 22
67) 4-Bromophenyl-phenylether	16.217	248	10408	4.753	ng	# 1
77) Benzidine	20.070	184	18077	3.184	ng	# 94

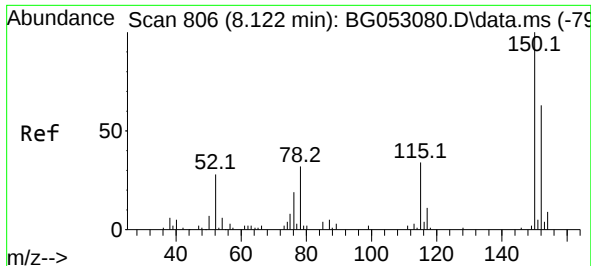
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042922\
Data File : BG053389.D
Acq On : 29 Apr 2022 22:50
Operator : CG/JU
Sample : N2600-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MH-15S

Quant Time: May 02 01:04:18 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Apr 24 01:13:30 2022
Response via : Initial Calibration

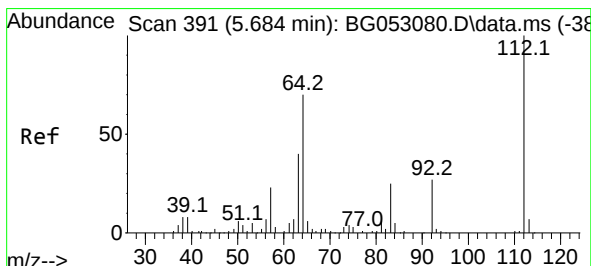
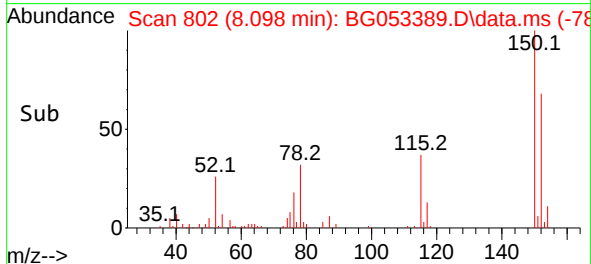
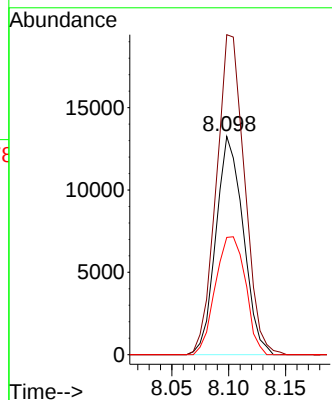
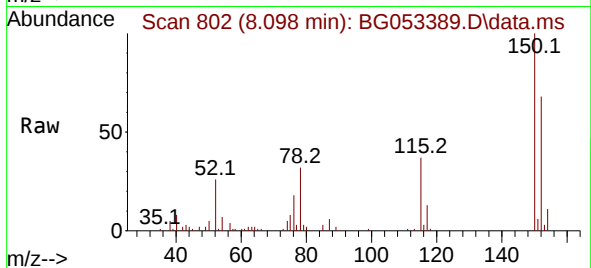




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.098 min Scan# 80
Delta R.T. -0.015 min
Lab File: BG053389.D
Acq: 29 Apr 2022 22:50

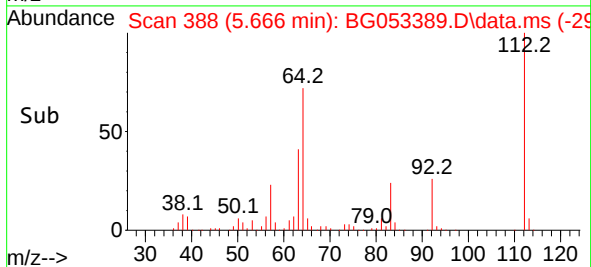
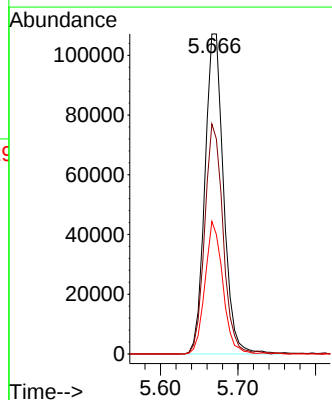
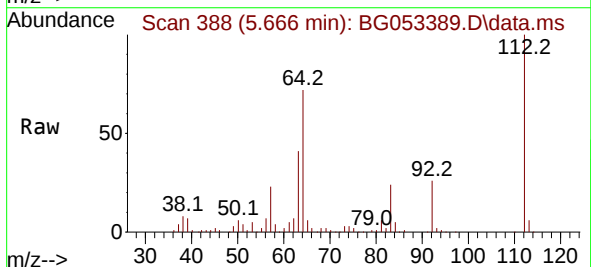
Instrument :
BNA_G
ClientSampleId :
MH-15S

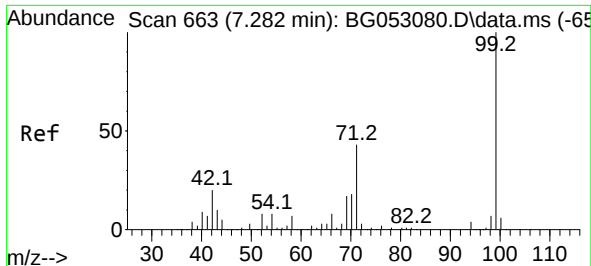
Tgt Ion:152 Resp: 22128
Ion Ratio Lower Upper
152 100
150 146.6 114.6 172.0
115 53.7 45.9 68.9



#5
2-Fluorophenol
Concen: 138.632 ng
RT: 5.666 min Scan# 388
Delta R.T. -0.009 min
Lab File: BG053389.D
Acq: 29 Apr 2022 22:50

Tgt Ion:112 Resp: 178957
Ion Ratio Lower Upper
112 100
64 71.9 48.0 72.0
63 41.4 26.5 39.7#

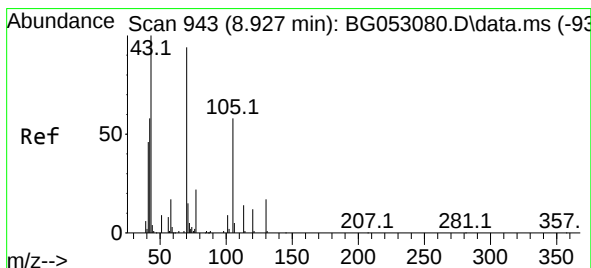
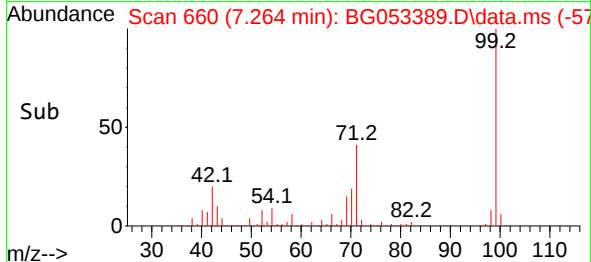
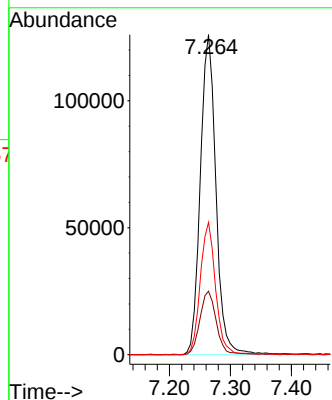
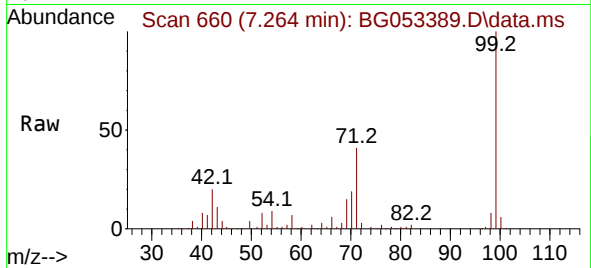




#7
Phenol-d6
Concen: 112.827 ng
RT: 7.264 min Scan# 60
Delta R.T. -0.009 min
Lab File: BG053389.D
Acq: 29 Apr 2022 22:50

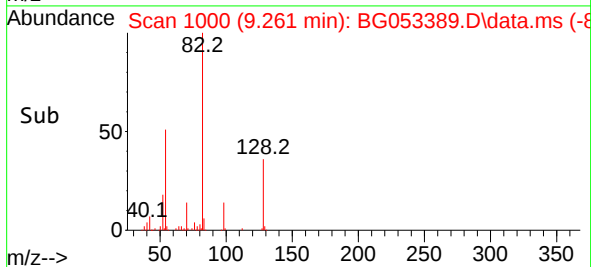
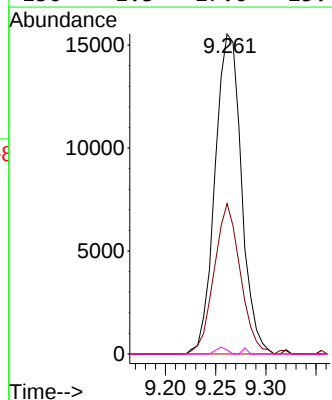
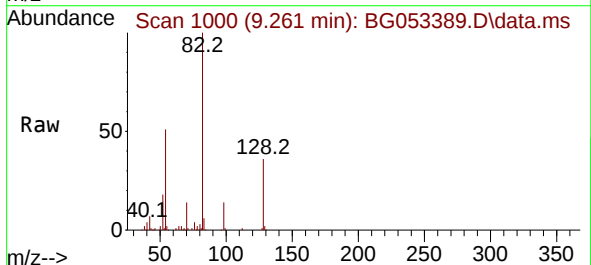
Instrument :
BNA_G
ClientSampleId :
MH-15S

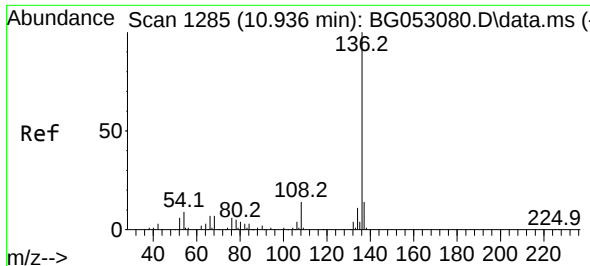
Tgt Ion: 99 Resp: 224600
Ion Ratio Lower Upper
99 100
42 19.9 14.7 22.1
71 41.4 29.2 43.8



#19
n-Nitroso-di-n-propylamine
Concen: 19.488 ng
RT: 9.261 min Scan# 1000
Delta R.T. 0.349 min
Lab File: BG053389.D
Acq: 29 Apr 2022 22:50

Tgt Ion: 70 Resp: 28402
Ion Ratio Lower Upper
70 100
42 47.0 46.0 69.0
101 0.0 6.2 9.4#
130 1.3 17.0 25.4#

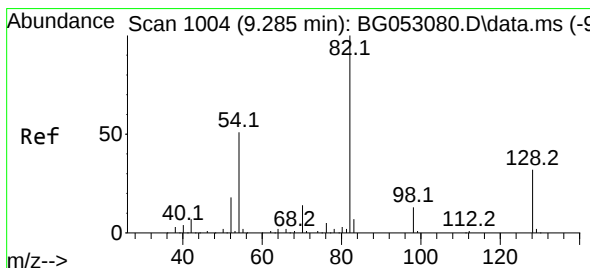
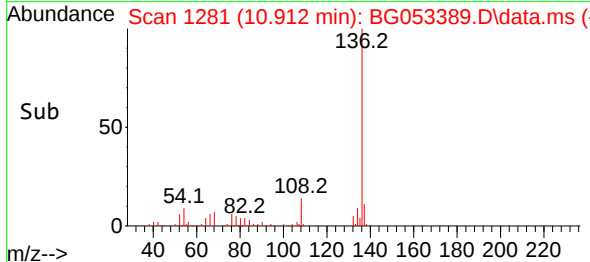
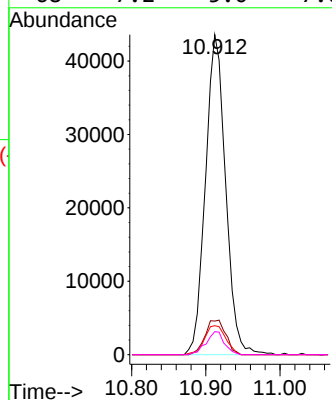
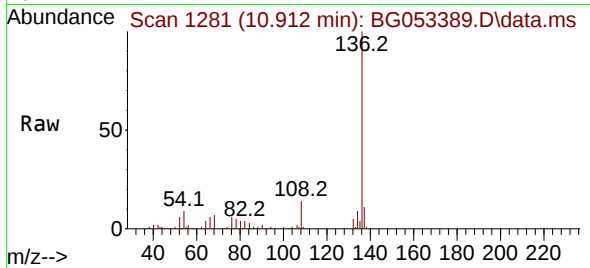




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.912 min Scan# 11
Delta R.T. -0.009 min
Lab File: BG053389.D
Acq: 29 Apr 2022 22:50

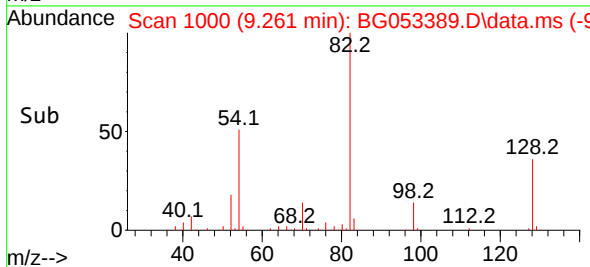
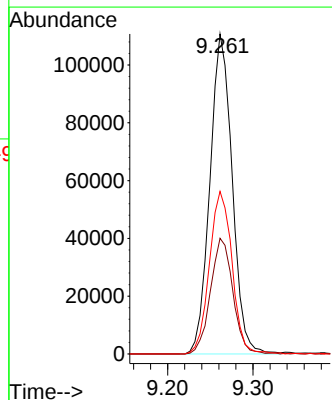
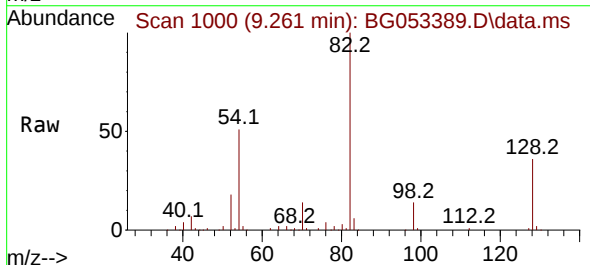
Instrument :
BNA_G
ClientSampleId :
MH-15S

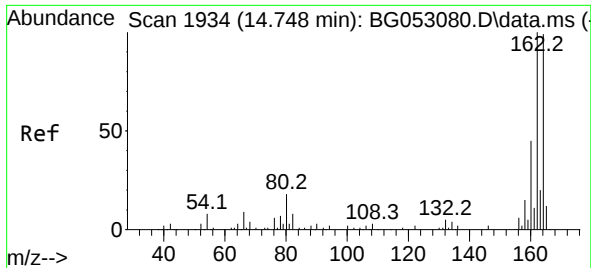
Tgt Ion:136	Resp:	82208
Ion Ratio	Lower	Upper
136	100	
137	10.5	9.4 14.2
54	9.1	6.4 9.6
68	7.2	5.0 7.6



#23
Nitrobenzene-d5
Concen: 99.251 ng
RT: 9.261 min Scan# 1000
Delta R.T. -0.015 min
Lab File: BG053389.D
Acq: 29 Apr 2022 22:50

Tgt Ion: 82	Resp:	200950
Ion Ratio	Lower	Upper
82	100	
128	36.2	31.3 46.9
54	50.8	37.8 56.8

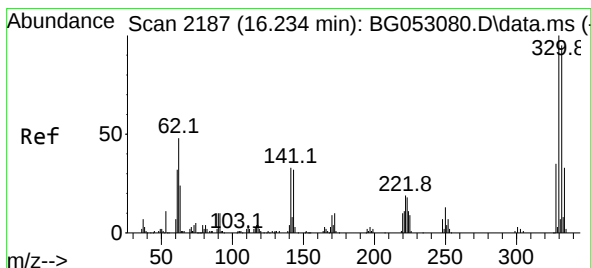
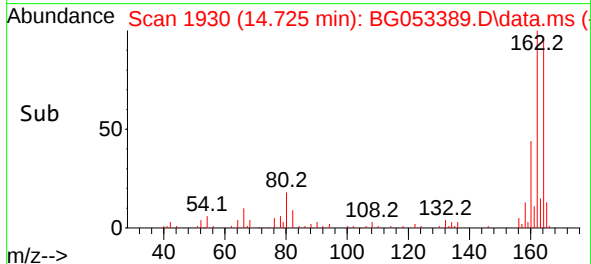
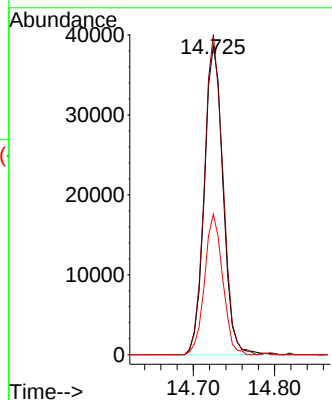
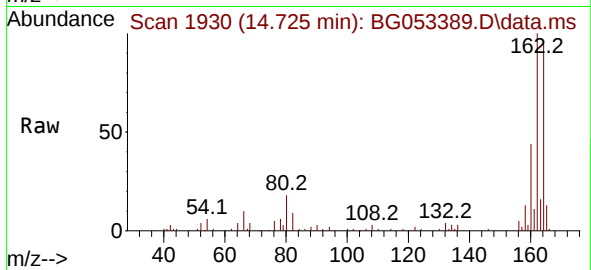




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.725 min Scan# 1934
Delta R.T. -0.009 min
Lab File: BG053389.D
Acq: 29 Apr 2022 22:50

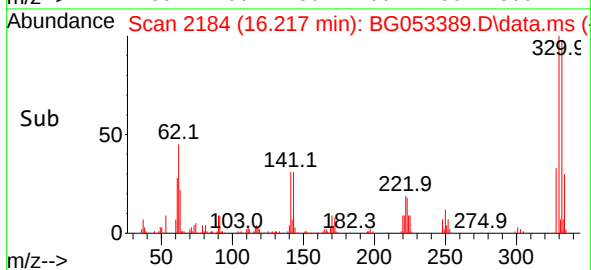
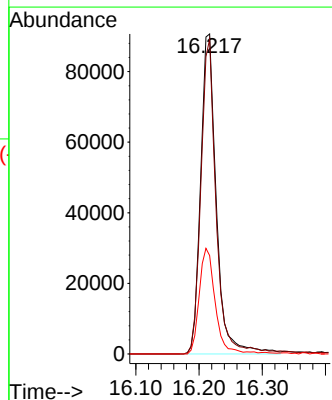
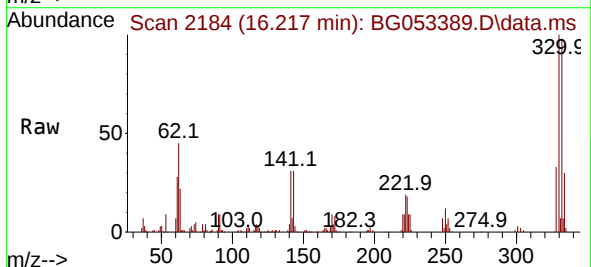
Instrument :
BNA_G
ClientSampleId :
MH-15S

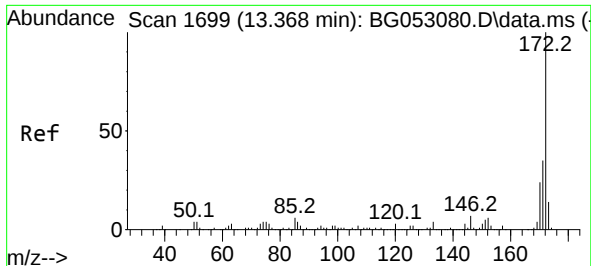
Tgt Ion:164 Resp: 61682
Ion Ratio Lower Upper
164 100
162 103.7 80.0 120.0
160 45.5 38.8 58.2



#42
2,4,6-Tribromophenol
Concen: 159.933 ng
RT: 16.217 min Scan# 2184
Delta R.T. -0.009 min
Lab File: BG053389.D
Acq: 29 Apr 2022 22:50

Tgt Ion:330 Resp: 156948
Ion Ratio Lower Upper
330 100
332 94.9 75.8 113.6
141 33.9 24.6 36.8

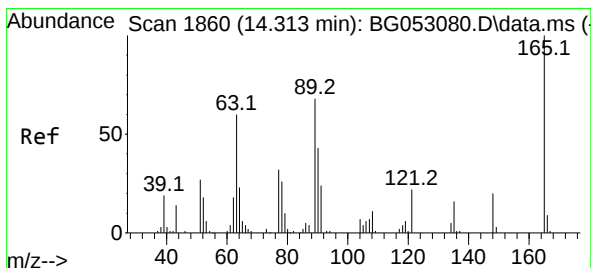
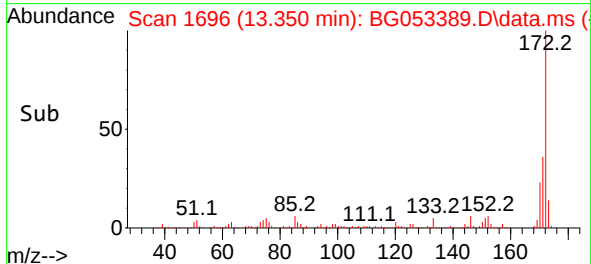
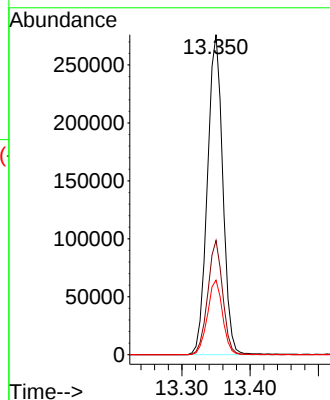
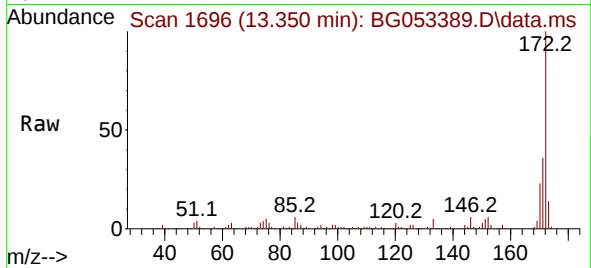




#45
2-Fluorobiphenyl
Concen: 96.676 ng
RT: 13.350 min Scan# 1
Delta R.T. -0.009 min
Lab File: BG053389.D
Acq: 29 Apr 2022 22:50

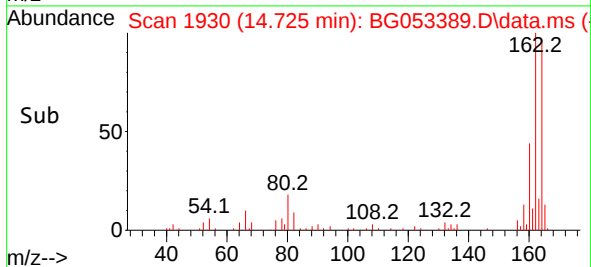
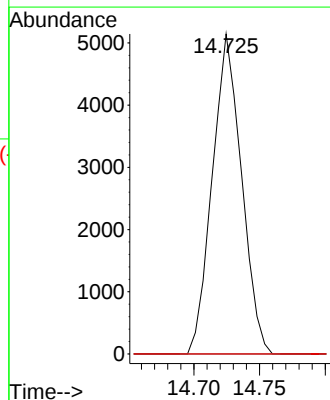
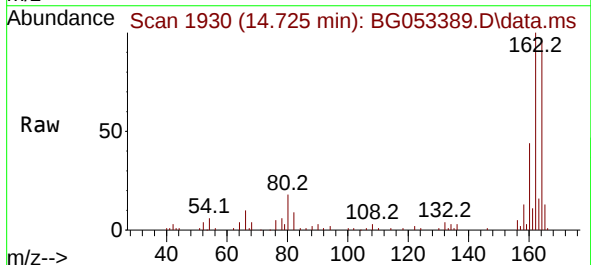
Instrument :
BNA_G
ClientSampleId :
MH-15S

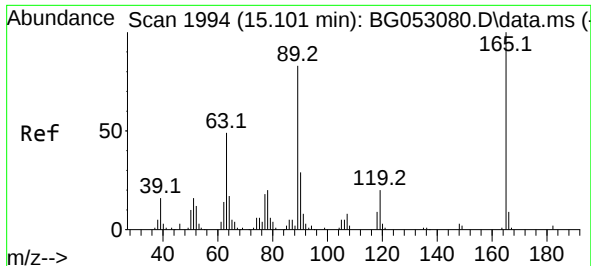
Tgt Ion:172 Resp: 432456
Ion Ratio Lower Upper
172 100
171 35.7 28.3 42.5
170 23.3 18.0 27.0



#51
2,6-Dinitrotoluene
Concen: 7.734 ng
RT: 14.725 min Scan# 1930
Delta R.T. 0.419 min
Lab File: BG053389.D
Acq: 29 Apr 2022 22:50

Tgt Ion:165 Resp: 7960
Ion Ratio Lower Upper
165 100
63 0.0 43.7 65.5#
89 0.0 45.0 67.4#





#57

2,4-Dinitrotoluene

Concen: 5.432 ng

RT: 14.725 min Scan# 1994

Delta R.T. -0.368 min

Lab File: BG053389.D

Acq: 29 Apr 2022 22:50

Instrument :

BNA_G

ClientSampleId :

MH-15S

Tgt Ion:165 Resp: 7960

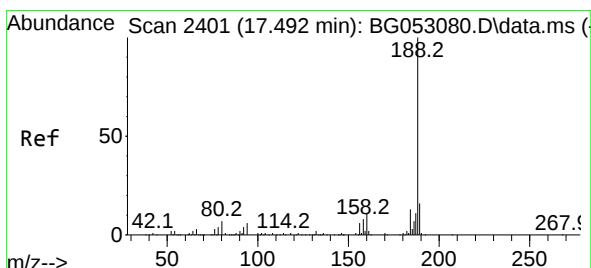
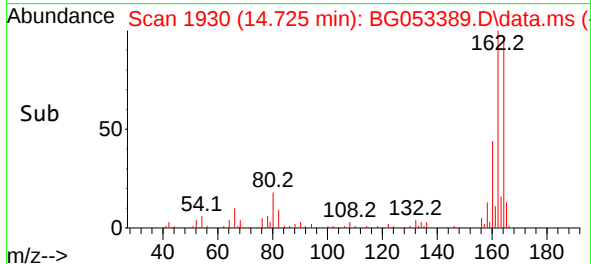
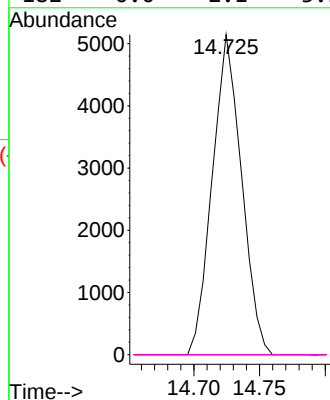
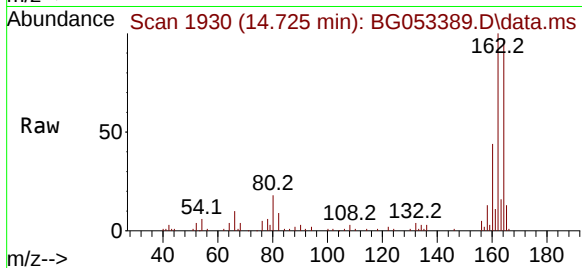
Ion Ratio Lower Upper

165 100

63 0.0 34.8 52.2#

89 0.0 57.4 86.0#

182 0.0 2.1 3.1#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.468 min Scan# 2397

Delta R.T. -0.015 min

Lab File: BG053389.D

Acq: 29 Apr 2022 22:50

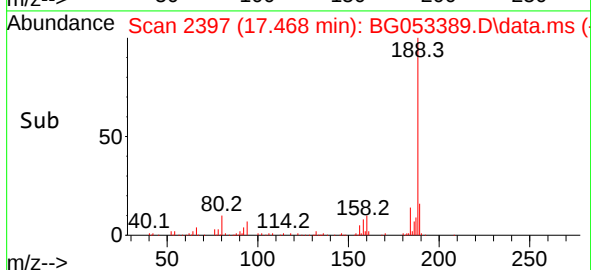
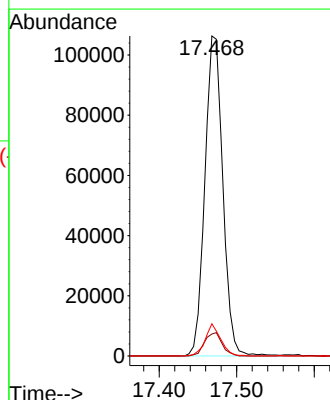
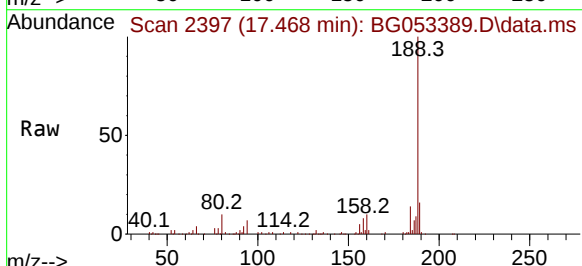
Tgt Ion:188 Resp: 170885

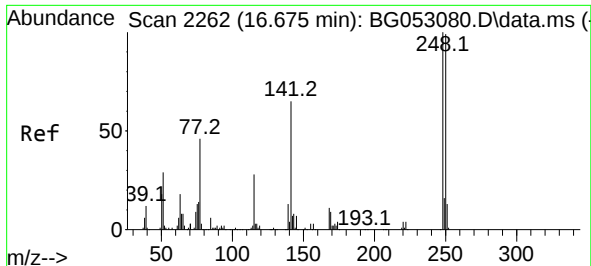
Ion Ratio Lower Upper

188 100

94 6.9 5.7 8.5

80 10.0 7.2 10.8

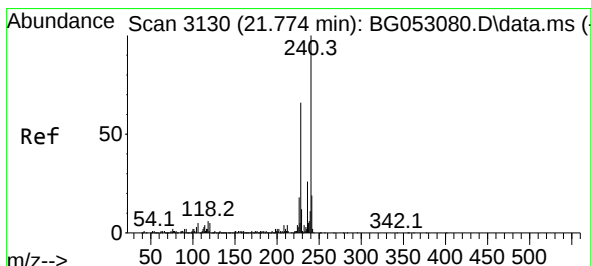
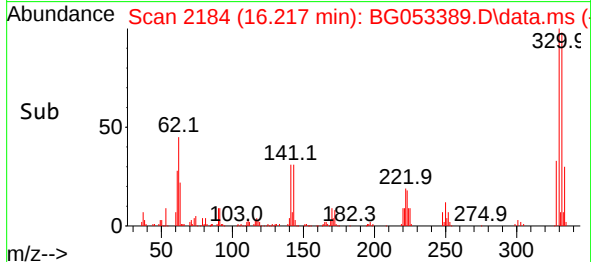
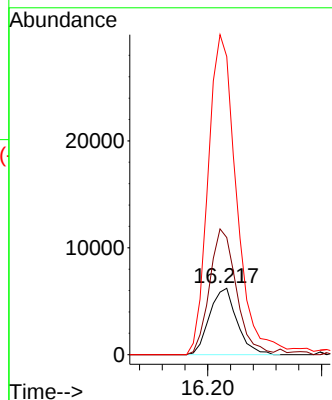
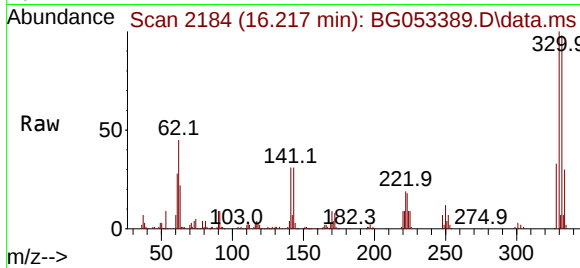




#67
4-Bromophenyl-phenylether
Concen: 4.753 ng
RT: 16.217 min Scan# 2118
Delta R.T. -0.444 min
Lab File: BG053389.D
Acq: 29 Apr 2022 22:50

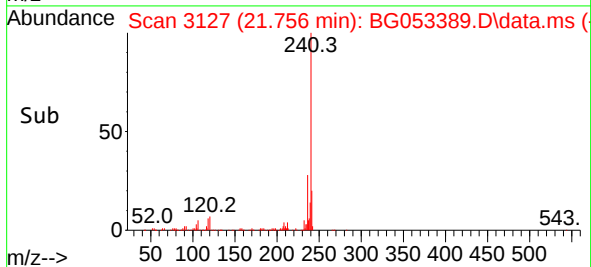
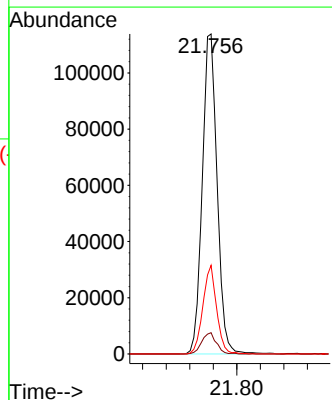
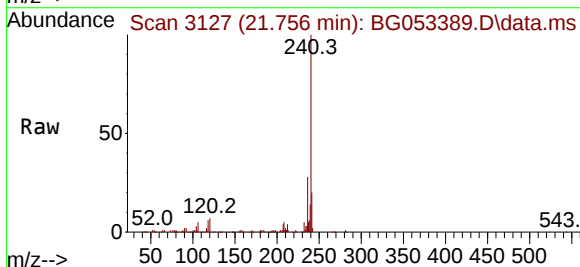
Instrument :
BNA_G
ClientSampleId :
MH-15S

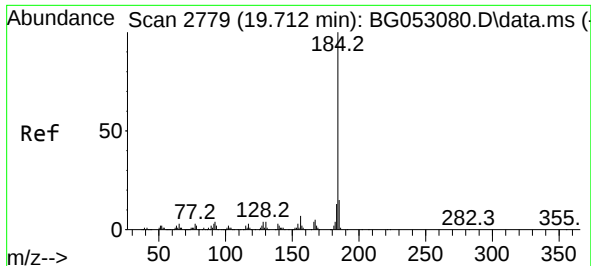
Tgt Ion:248 Resp: 10408
Ion Ratio Lower Upper
248 100
250 176.3 77.9 116.9#
141 448.4 49.2 73.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.756 min Scan# 3127
Delta R.T. -0.009 min
Lab File: BG053389.D
Acq: 29 Apr 2022 22:50

Tgt Ion:240 Resp: 199003
Ion Ratio Lower Upper
240 100
120 6.6 5.4 8.0
236 27.7 19.8 29.6

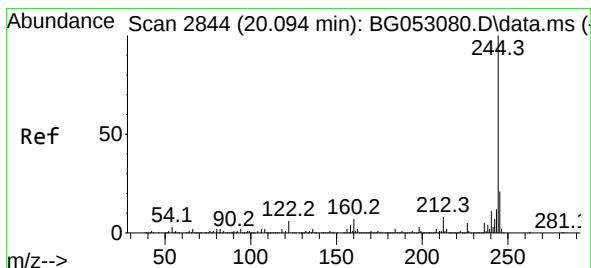
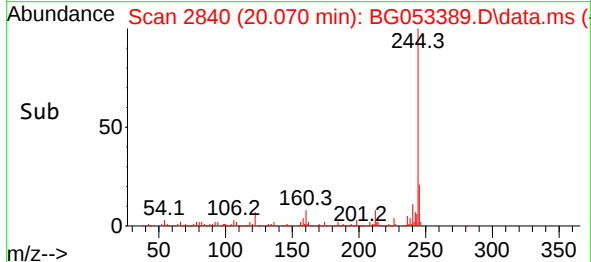
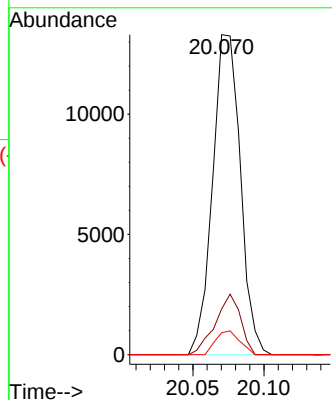
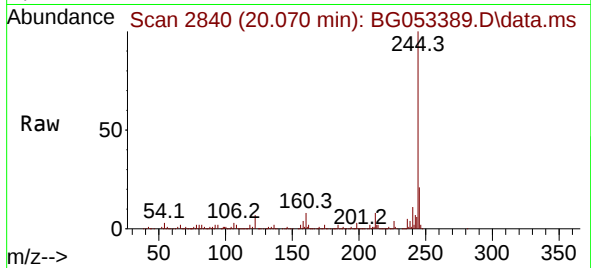




#77
Benzidine
Concen: 3.184 ng
RT: 20.070 min Scan# 2840
Delta R.T. 0.367 min
Lab File: BG053389.D
Acq: 29 Apr 2022 22:50

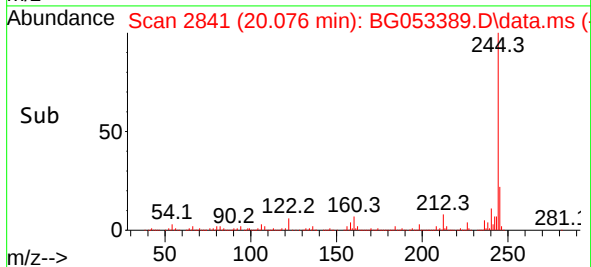
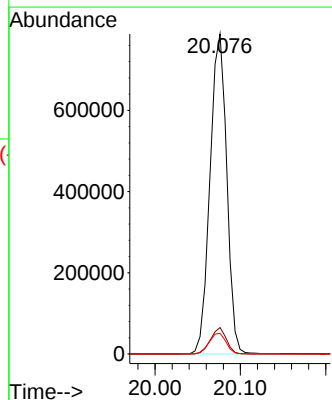
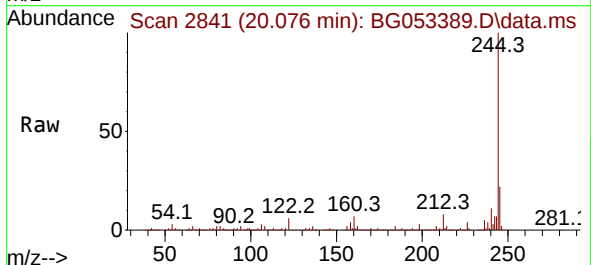
Instrument :
BNA_G
ClientSampleId :
MH-15S

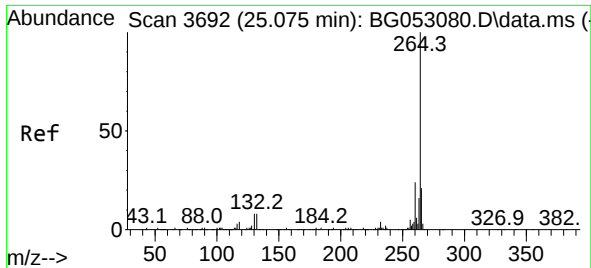
Tgt Ion:184 Resp: 18077
Ion Ratio Lower Upper
184 100
185 14.3 11.5 17.3
183 6.8 9.4 14.2#



#79
Terphenyl-d14
Concen: 91.216 ng
RT: 20.076 min Scan# 2841
Delta R.T. -0.009 min
Lab File: BG053389.D
Acq: 29 Apr 2022 22:50

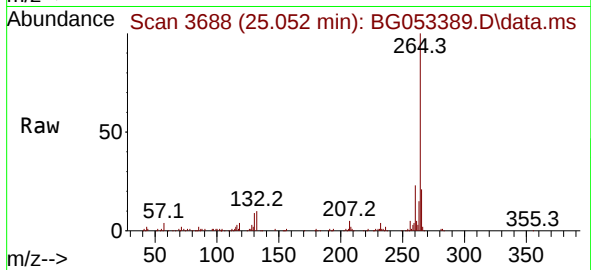
Tgt Ion:244 Resp: 1074799
Ion Ratio Lower Upper
244 100
212 8.3 5.4 8.2#
122 6.5 5.8 8.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.052 min Scan# 30
Delta R.T. -0.009 min
Lab File: BG053389.D
Acq: 29 Apr 2022 22:50

Instrument :
BNA_G
ClientSampleId :
MH-15S



Tgt Ion:	264	Resp:	200415
Ion Ratio	Lower	Upper	
264	100		
260	23.2	18.2	27.2
265	21.3	15.1	22.7

