

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040822\
 Data File : BG053091.D
 Acq On : 8 Apr 2022 19:38
 Operator : CG/JU
 Sample : PB143973BL
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB143973BL

Quant Time: Apr 09 07:04:11 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 08 15:31:24 2022
 Response via : Initial Calibration

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

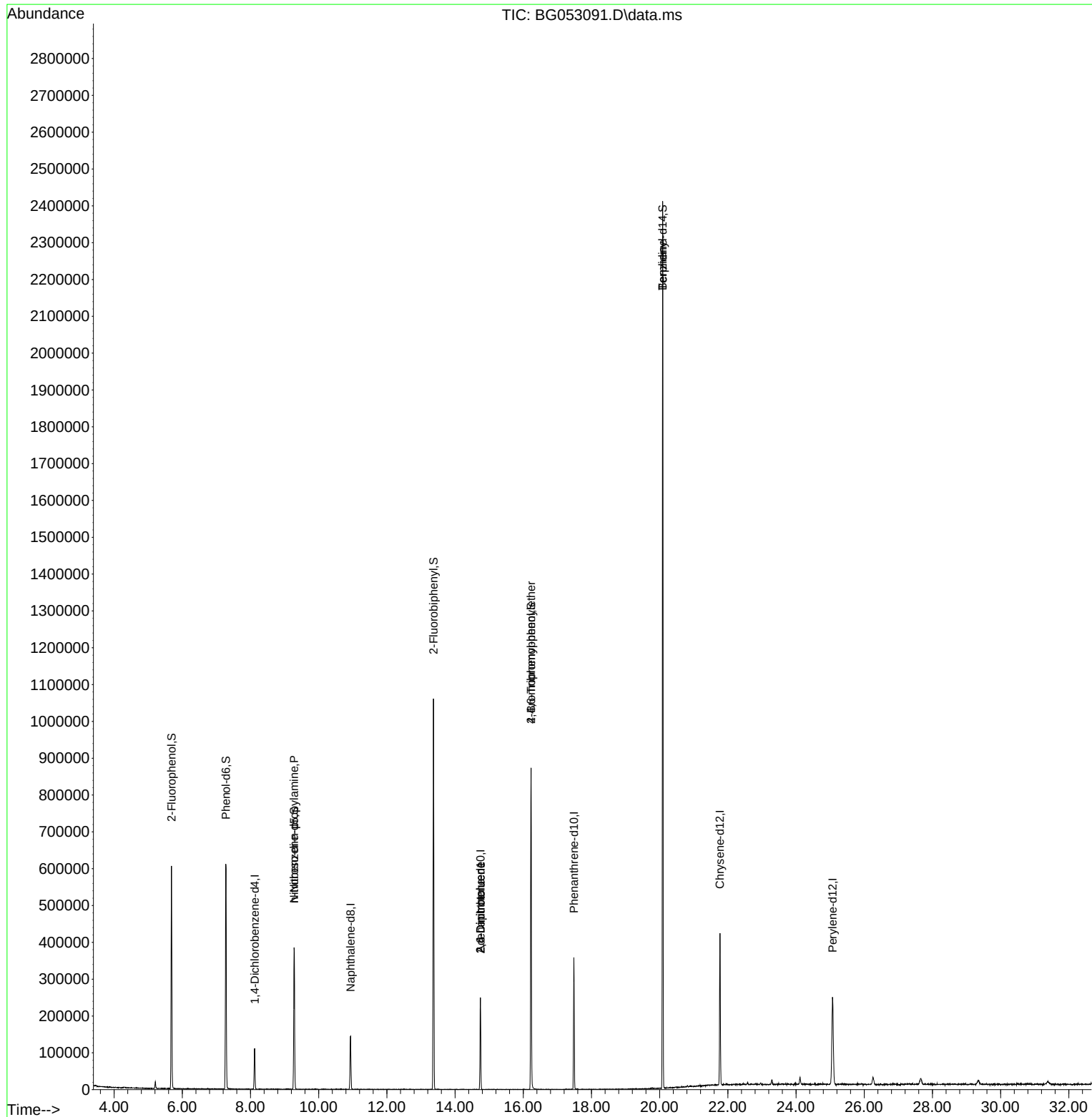
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.123	152	30469	20.000	ng	0.00
21) Naphthalene-d8	10.937	136	121471	20.000	ng	0.00
39) Acenaphthene-d10	14.743	164	88615	20.000	ng	0.00
64) Phenanthrene-d10	17.487	188	222930	20.000	ng	0.00
76) Chrysene-d12	21.769	240	262820	20.000	ng	0.00
86) Perylene-d12	25.071	264	257282	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.685	112	240827	135.489	ng	0.00
7) Phenol-d6	7.277	99	346459	126.397	ng	0.00
23) Nitrobenzene-d5	9.280	82	249765	83.488	ng	0.00
42) 2,4,6-Tribromophenol	16.230	330	178847	126.857	ng	0.00
45) 2-Fluorobiphenyl	13.369	172	546552	85.047	ng	0.00
79) Terphenyl-d14	20.089	244	1245233	80.020	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.280	70	34474	17.179	ng	# 80
51) 2,6-Dinitrotoluene	14.743	165	12363	8.361	ng	# 26
57) 2,4-Dinitrotoluene	14.743	165	12363	5.873	ng	# 25
67) 4-Bromophenyl-phenylether	16.230	248	11758	4.116	ng	# 1
77) Benzidine	20.089	184	20937	2.792	ng	# 91

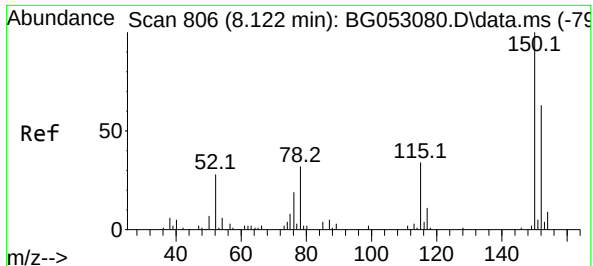
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Apr 09 07:04:11 2022
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QLast Update : Fri Apr 08 15:31:24 2022
Response via : Initial Calibration

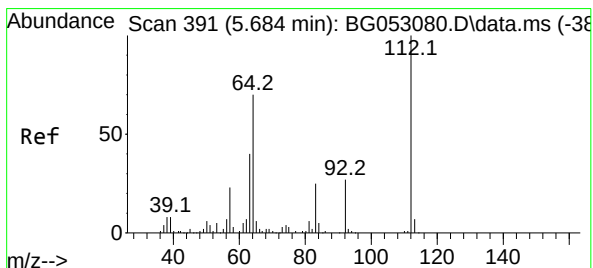
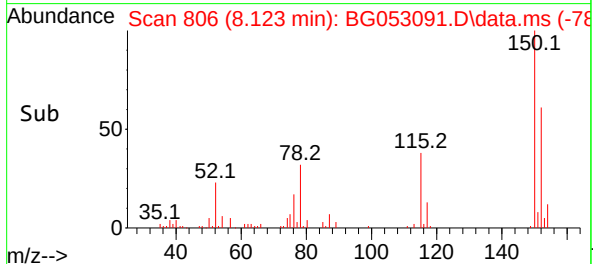
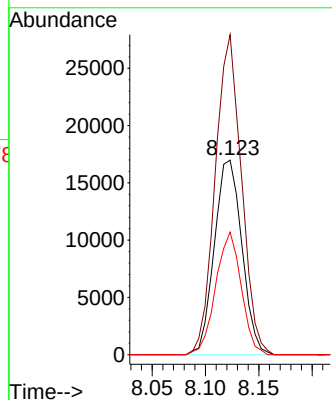
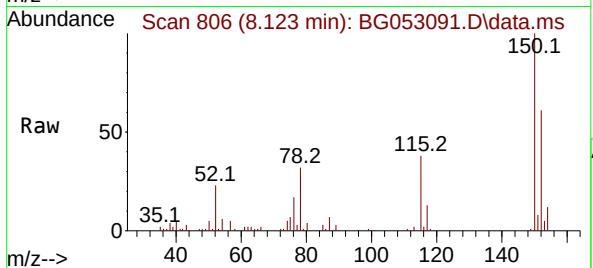




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.123 min Scan# 806
Delta R.T. 0.001 min
Lab File: BG053091.D
Acq: 8 Apr 2022 19:38

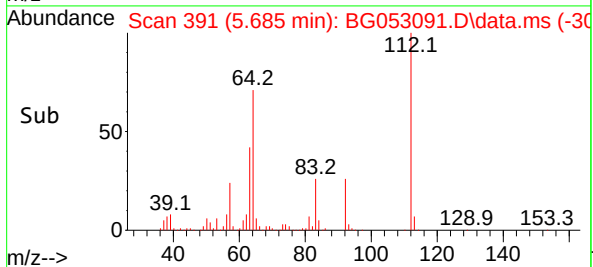
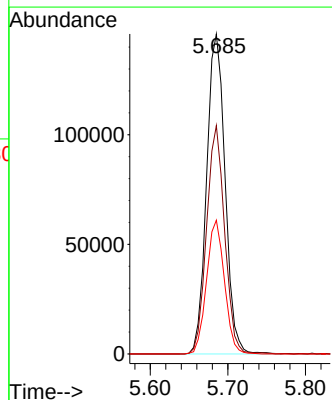
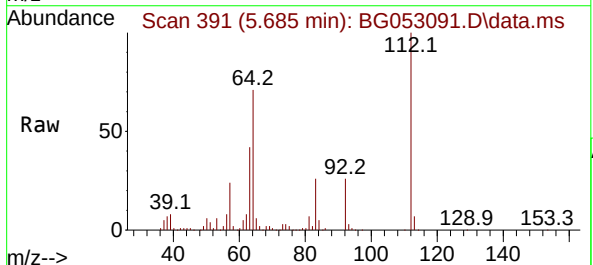
Instrument :
BNA_G
ClientSampleId :
PB143973BL

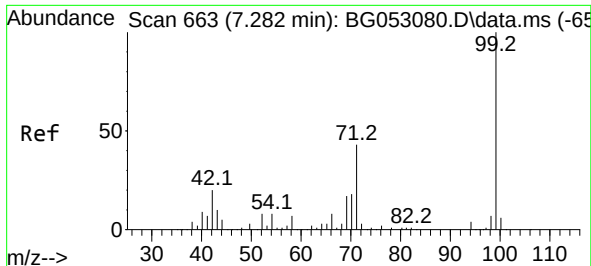
Tgt Ion:152 Resp: 30469
Ion Ratio Lower Upper
152 100
150 164.4 114.6 172.0
115 63.0 45.9 68.9



#5
2-Fluorophenol
Concen: 135.489 ng
RT: 5.685 min Scan# 391
Delta R.T. 0.001 min
Lab File: BG053091.D
Acq: 8 Apr 2022 19:38

Tgt Ion:112 Resp: 240827
Ion Ratio Lower Upper
112 100
64 71.4 48.0 72.0
63 41.8 26.5 39.7#

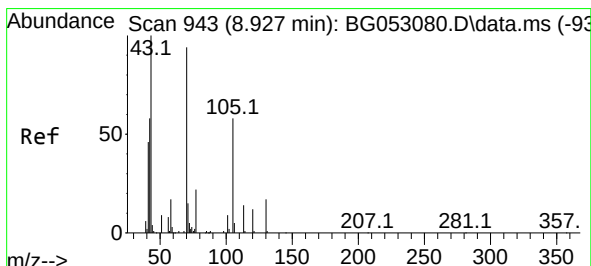
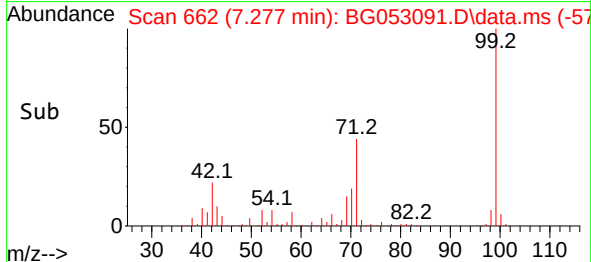
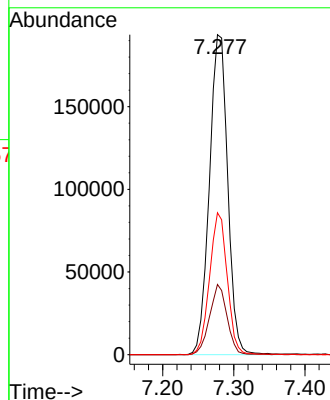
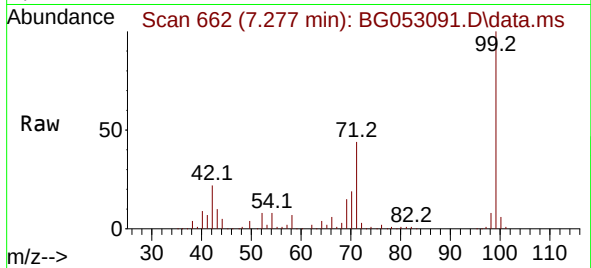




#7
Phenol-d6
Concen: 126.397 ng
RT: 7.277 min Scan# 60
Delta R.T. -0.005 min
Lab File: BG053091.D
Acq: 8 Apr 2022 19:38

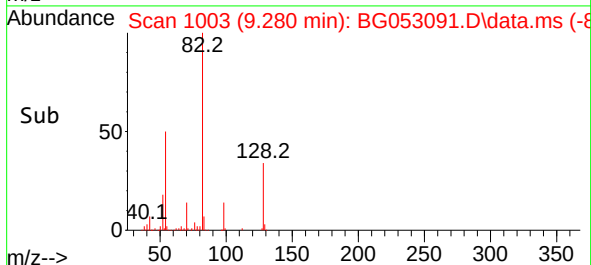
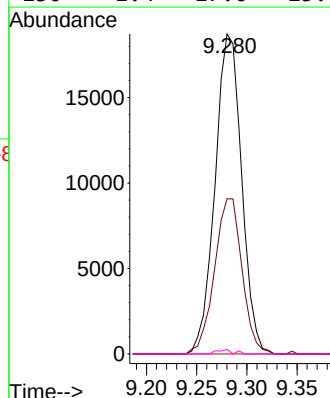
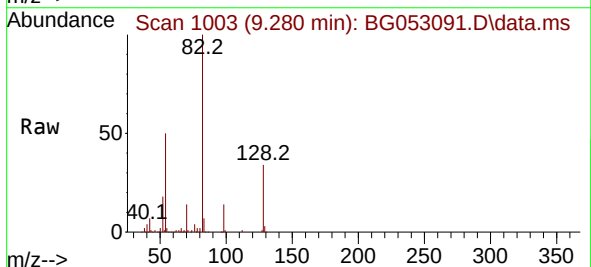
Instrument :
BNA_G
ClientSampleId :
PB143973BL

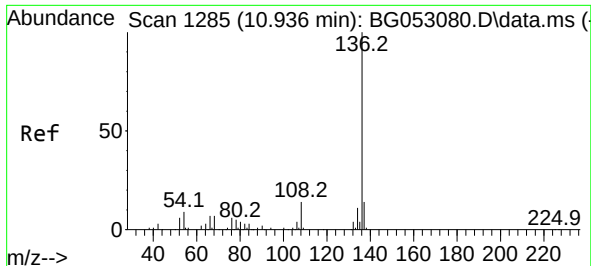
Tgt Ion: 99 Resp: 346459
Ion Ratio Lower Upper
99 100
42 21.9 14.7 22.1
71 44.4 29.2 43.8#



#19
n-Nitroso-di-n-propylamine
Concen: 17.179 ng
RT: 9.280 min Scan# 1003
Delta R.T. 0.354 min
Lab File: BG053091.D
Acq: 8 Apr 2022 19:38

Tgt Ion: 70 Resp: 34474
Ion Ratio Lower Upper
70 100
42 48.5 46.0 69.0
101 0.0 6.2 9.4#
130 1.4 17.0 25.4#

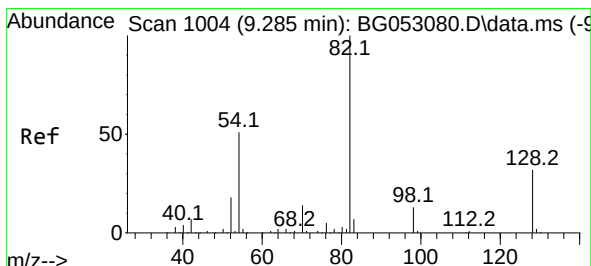
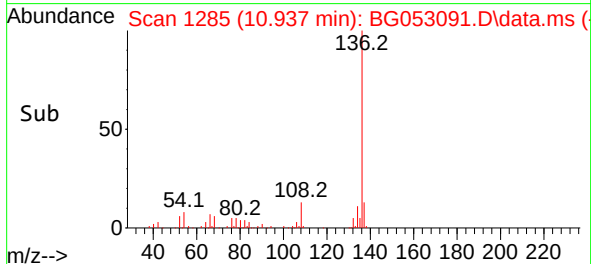
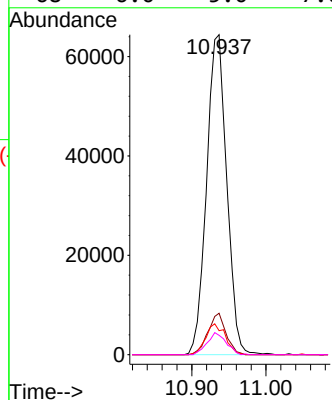
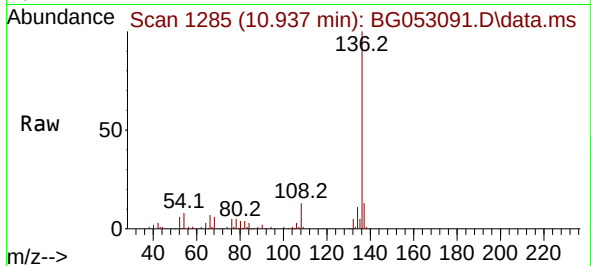




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.937 min Scan# 11
Delta R.T. 0.001 min
Lab File: BG053091.D
Acq: 8 Apr 2022 19:38

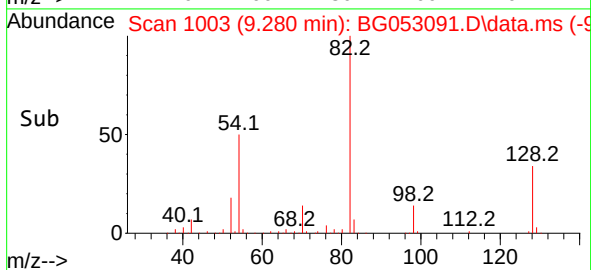
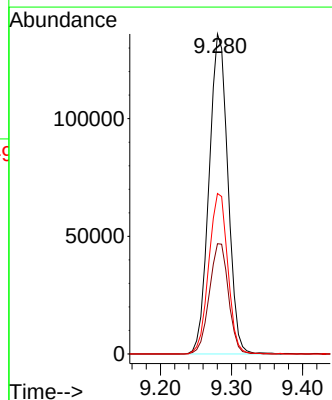
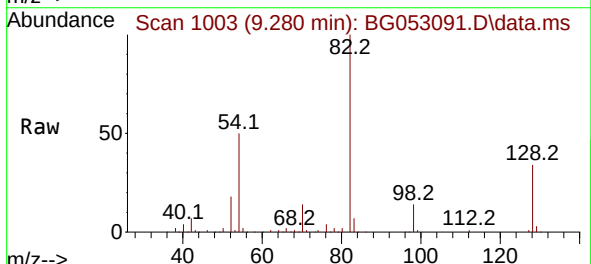
Instrument :
BNA_G
ClientSampleId :
PB143973BL

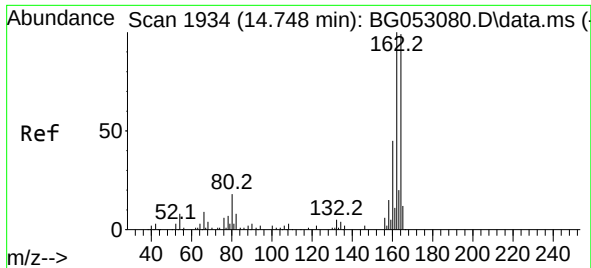
Tgt Ion:136	Resp: 121471
Ion Ratio	Lower Upper
136 100	
137 13.0	9.4 14.2
54 7.5	6.4 9.6
68 6.0	5.0 7.6



#23
Nitrobenzene-d5
Concen: 83.488 ng
RT: 9.280 min Scan# 1003
Delta R.T. -0.005 min
Lab File: BG053091.D
Acq: 8 Apr 2022 19:38

Tgt Ion: 82	Resp: 249765
Ion Ratio	Lower Upper
82 100	
128 34.4	31.3 46.9
54 50.2	37.8 56.8

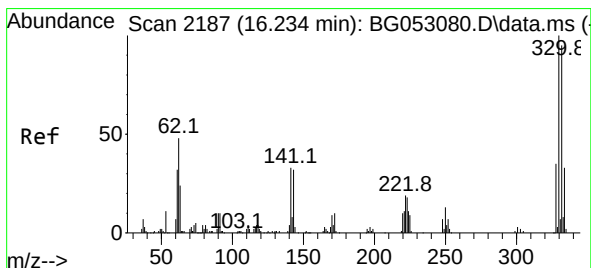
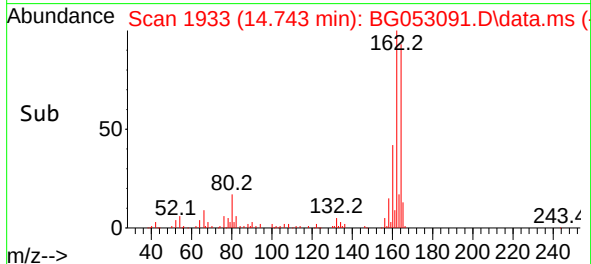
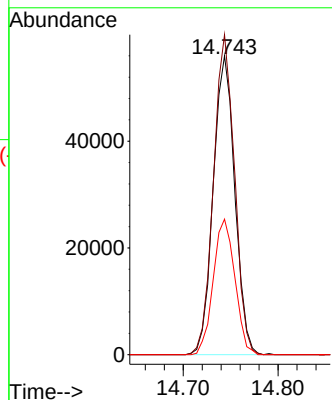
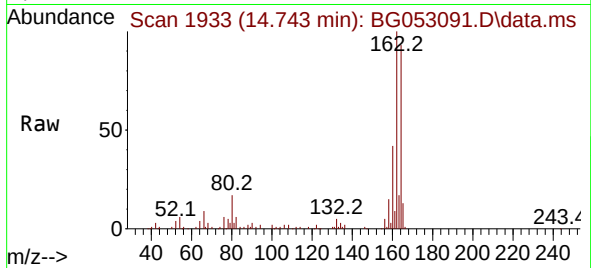




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.743 min Scan# 1934
Delta R.T. -0.005 min
Lab File: BG053091.D
Acq: 8 Apr 2022 19:38

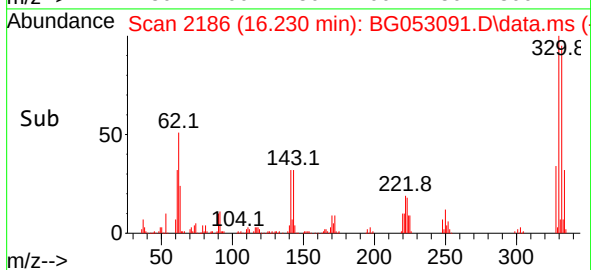
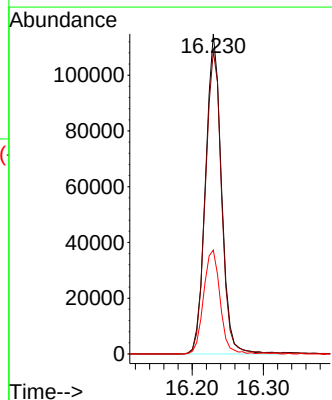
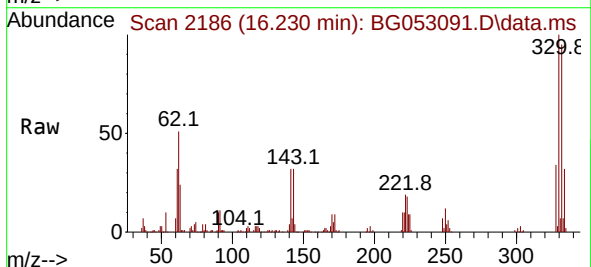
Instrument :
BNA_G
ClientSampleId :
PB143973BL

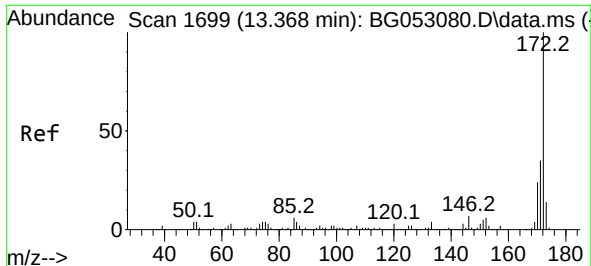
Tgt Ion:164 Resp: 88615
Ion Ratio Lower Upper
164 100
162 107.1 80.0 120.0
160 45.3 38.8 58.2



#42
2,4,6-Tribromophenol
Concen: 126.857 ng
RT: 16.230 min Scan# 2186
Delta R.T. -0.005 min
Lab File: BG053091.D
Acq: 8 Apr 2022 19:38

Tgt Ion:330 Resp: 178847
Ion Ratio Lower Upper
330 100
332 96.1 75.8 113.6
141 33.7 24.6 36.8

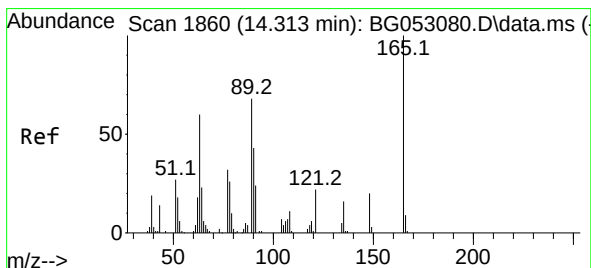
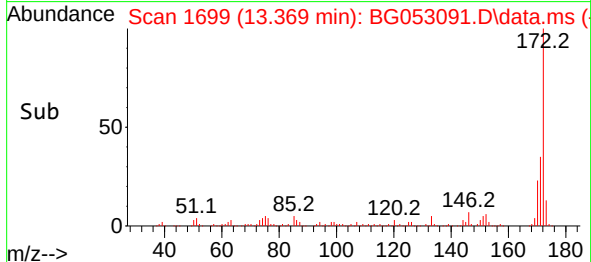
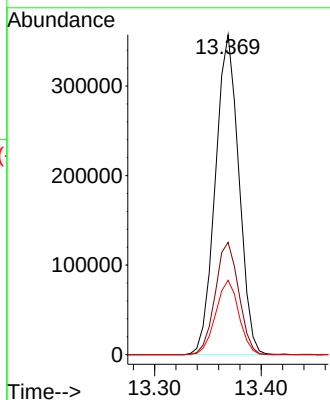
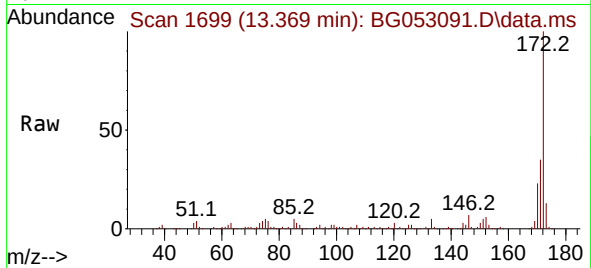




#45
2-Fluorobiphenyl
Concen: 85.047 ng
RT: 13.369 min Scan# 1
Delta R.T. 0.001 min
Lab File: BG053091.D
Acq: 8 Apr 2022 19:38

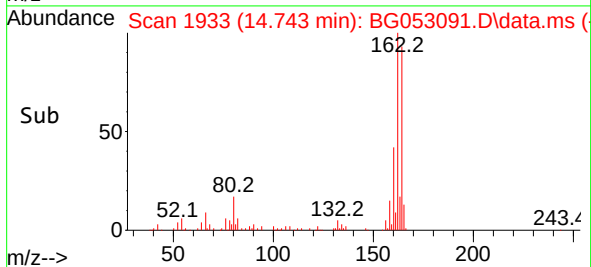
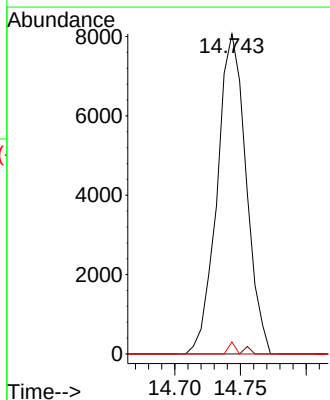
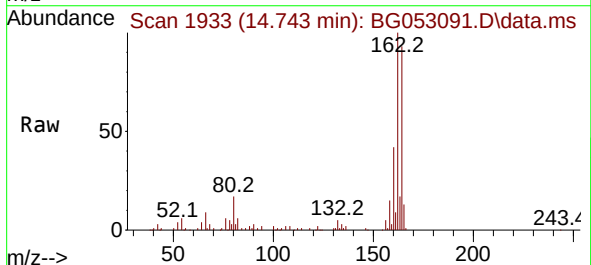
Instrument :
BNA_G
ClientSampleId :
PB143973BL

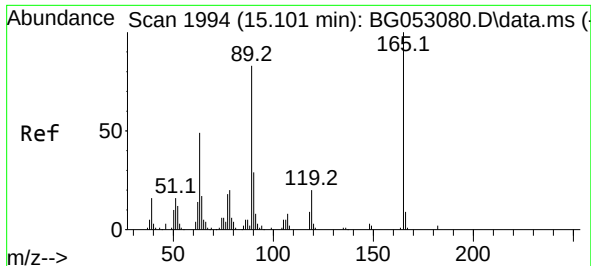
Tgt Ion:172 Resp: 546552
Ion Ratio Lower Upper
172 100
171 35.1 28.3 42.5
170 23.2 18.0 27.0



#51
2,6-Dinitrotoluene
Concen: 8.361 ng
RT: 14.743 min Scan# 1933
Delta R.T. 0.430 min
Lab File: BG053091.D
Acq: 8 Apr 2022 19:38

Tgt Ion:165 Resp: 12363
Ion Ratio Lower Upper
165 100
63 0.0 43.7 65.5#
89 3.7 45.0 67.4#





#57

2,4-Dinitrotoluene

Concen: 5.873 ng

RT: 14.743 min Scan# 1994

Delta R.T. -0.357 min

Lab File: BG053091.D

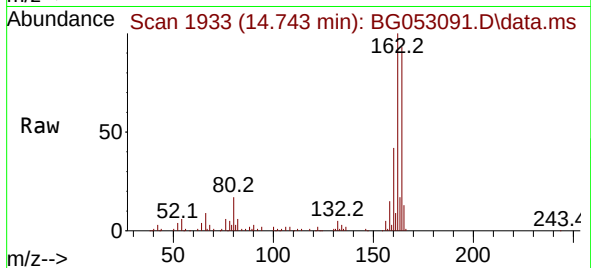
Acq: 8 Apr 2022 19:38

Instrument :

BNA_G

ClientSampleId :

PB143973BL



Tgt Ion:165 Resp: 12363

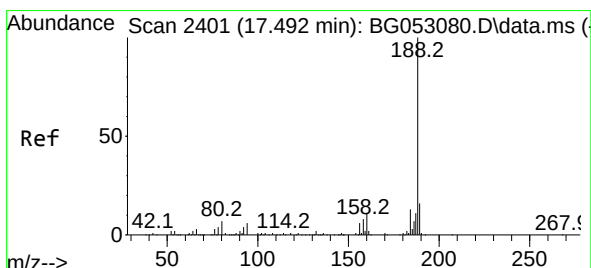
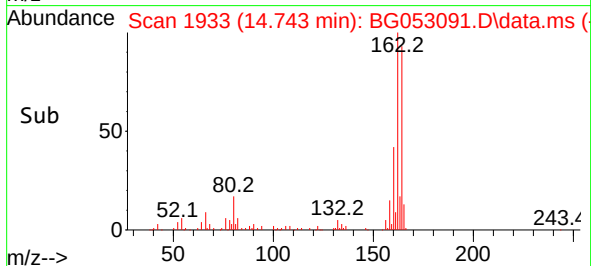
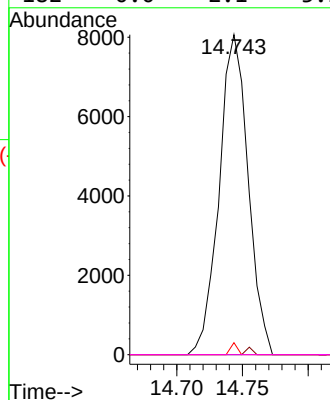
Ion Ratio Lower Upper

165 100

63 0.0 34.8 52.2#

89 3.7 57.4 86.0#

182 0.0 2.1 3.1#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.487 min Scan# 2400

Delta R.T. -0.005 min

Lab File: BG053091.D

Acq: 8 Apr 2022 19:38

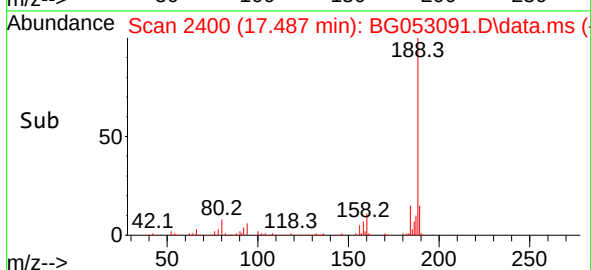
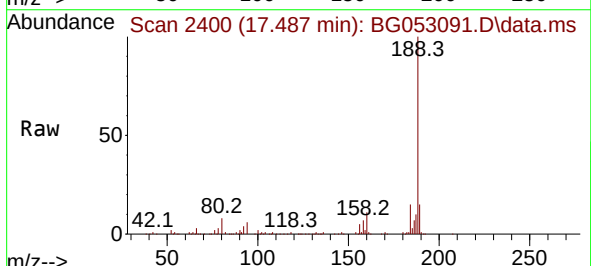
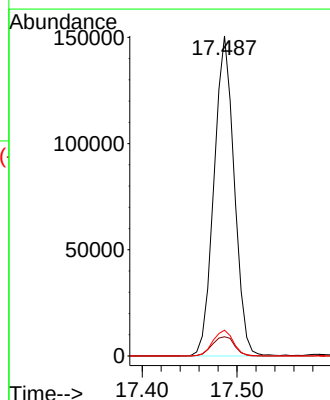
Tgt Ion:188 Resp: 222930

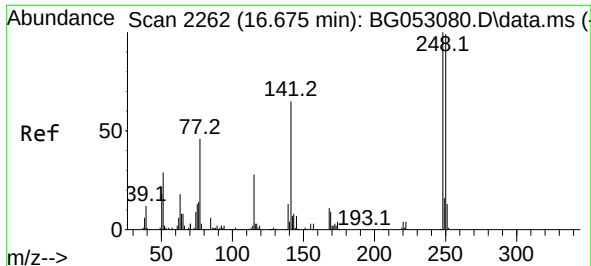
Ion Ratio Lower Upper

188 100

94 6.0 5.7 8.5

80 8.1 7.2 10.8

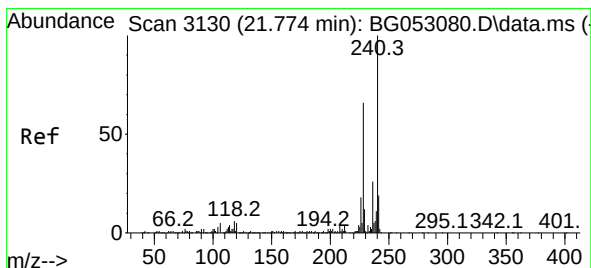
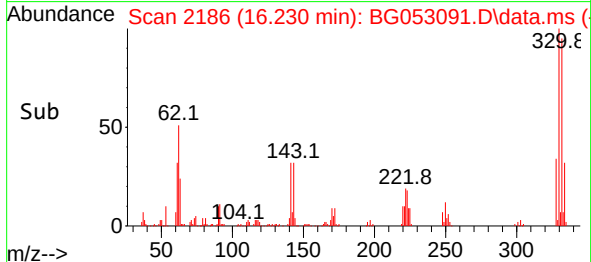
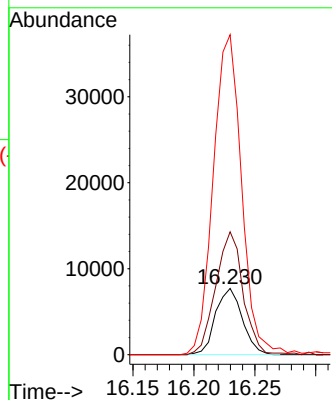
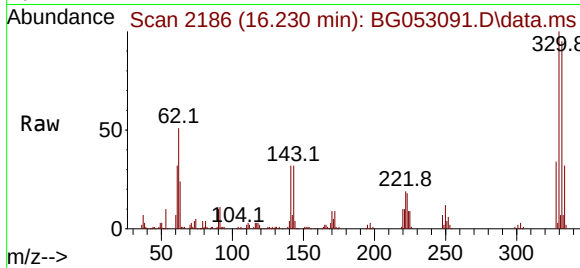




#67
4-Bromophenyl-phenylether
Concen: 4.116 ng
RT: 16.230 min Scan# 2186
Delta R.T. -0.445 min
Lab File: BG053091.D
Acq: 8 Apr 2022 19:38

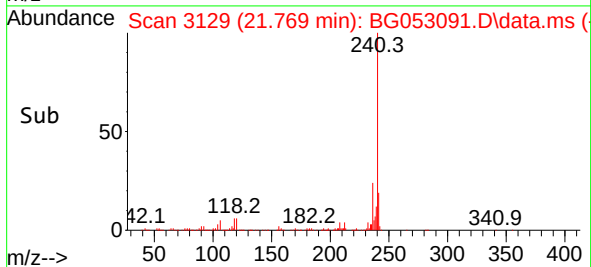
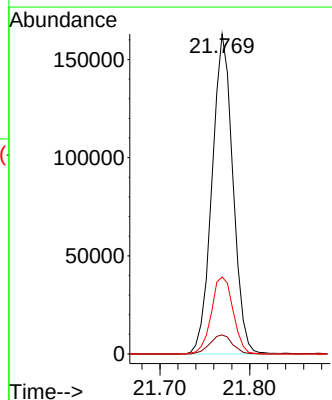
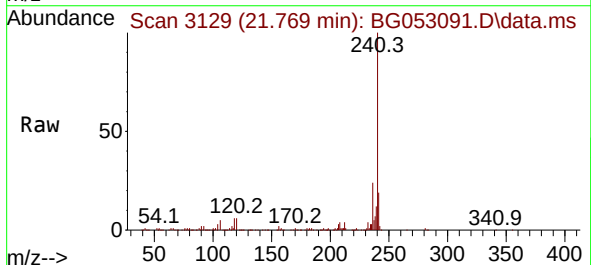
Instrument :
BNA_G
ClientSampleId :
PB143973BL

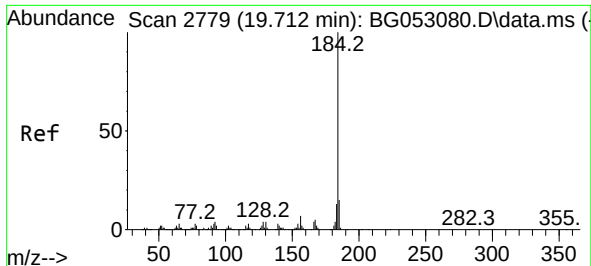
Tgt Ion:248 Resp: 11758
Ion Ratio Lower Upper
248 100
250 185.7 77.9 116.9#
141 483.6 49.2 73.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.769 min Scan# 3129
Delta R.T. -0.005 min
Lab File: BG053091.D
Acq: 8 Apr 2022 19:38

Tgt Ion:240 Resp: 262820
Ion Ratio Lower Upper
240 100
120 5.9 5.4 8.0
236 24.1 19.8 29.6

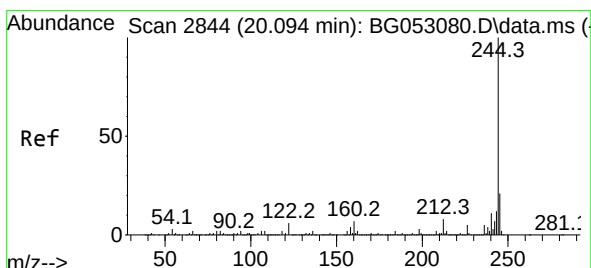
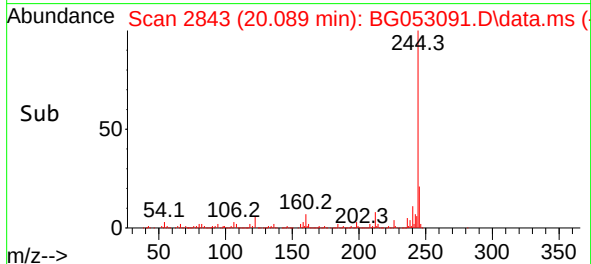
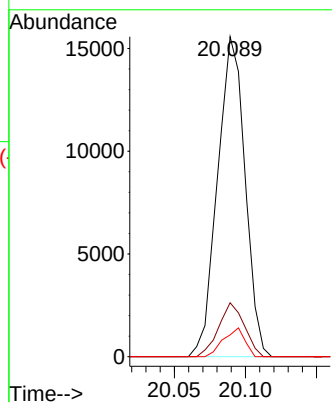
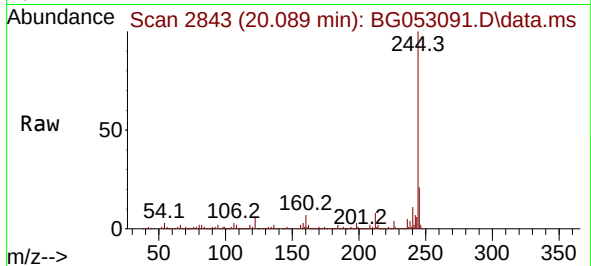




#77
Benzidine
Concen: 2.792 ng
RT: 20.089 min Scan# 2843
Delta R.T. 0.377 min
Lab File: BG053091.D
Acq: 8 Apr 2022 19:38

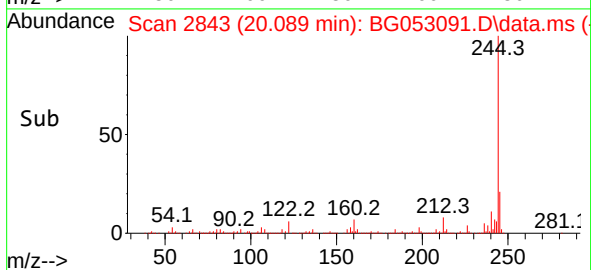
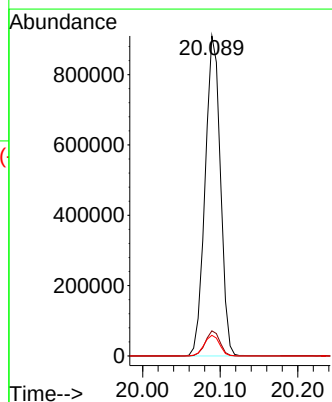
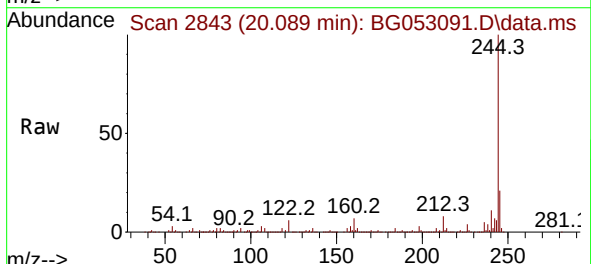
Instrument :
BNA_G
ClientSampleId :
PB143973BL

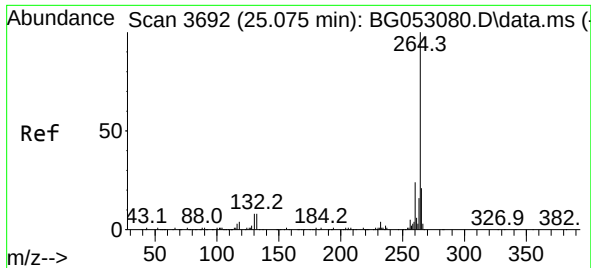
Tgt Ion:184 Resp: 20937
Ion Ratio Lower Upper
184 100
185 16.9 11.5 17.3
183 6.8 9.4 14.2#



#79
Terphenyl-d14
Concen: 80.020 ng
RT: 20.089 min Scan# 2843
Delta R.T. -0.005 min
Lab File: BG053091.D
Acq: 8 Apr 2022 19:38

Tgt Ion:244 Resp: 1245233
Ion Ratio Lower Upper
244 100
212 7.9 5.4 8.2
122 6.5 5.8 8.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.071 min Scan# 30
Delta R.T. -0.005 min
Lab File: BG053091.D
Acq: 8 Apr 2022 19:38

Instrument :
BNA_G
ClientSampleId :
PB143973BL

Tgt Ion:264 Resp: 257282

Ion	Ratio	Lower	Upper
264	100		
260	22.6	18.2	27.2
265	21.0	15.1	22.7

