

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042522\
 Data File : BG053306.D
 Acq On : 25 Apr 2022 13:04
 Operator : CG/JU
 Sample : PB144314BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB144314BL

Quant Time: Apr 25 18:25:38 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)

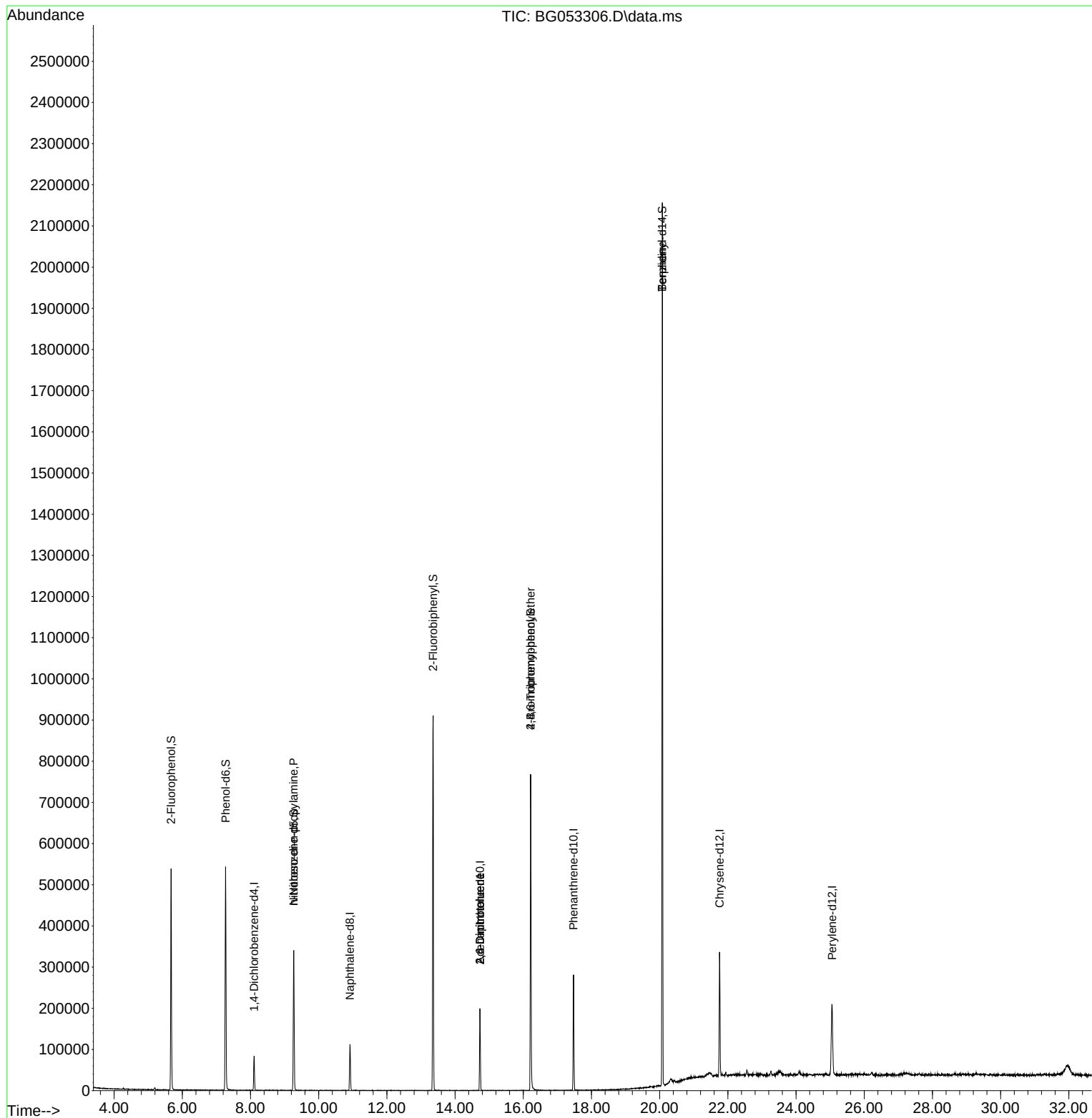
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.104	152	22795	20.000	ng	0.00
21) Naphthalene-d8	10.918	136	94029	20.000	ng	0.00
39) Acenaphthene-d10	14.731	164	74746	20.000	ng	0.00
64) Phenanthrene-d10	17.474	188	187420	20.000	ng	0.00
76) Chrysene-d12	21.756	240	192489	20.000	ng	0.00
86) Perylene-d12	25.058	264	186710	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.672	112	216720	162.973	ng	0.00
7) Phenol-d6	7.270	99	312543	152.410	ng	0.00
23) Nitrobenzene-d5	9.267	82	217970	94.123	ng	0.00
42) 2,4,6-Tribromophenol	16.217	330	161330	135.665	ng	0.00
45) 2-Fluorobiphenyl	13.356	172	493322	91.007	ng	0.00
79) Terphenyl-d14	20.076	244	1116470	97.959	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.267	70	30514	20.325	ng	Qvalue
51) 2,6-Dinitrotoluene	14.731	165	9397	7.534	ng	# 76
57) 2,4-Dinitrotoluene	14.731	165	9397	5.292	ng	# 24
67) 4-Bromophenyl-phenylether	16.217	248	10465	4.358	ng	# 22
77) Benzidine	20.076	184	18401	3.350	ng	# 1

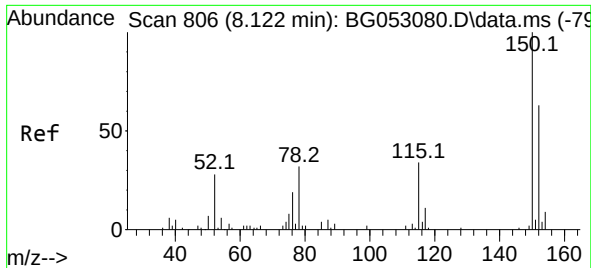
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042522\
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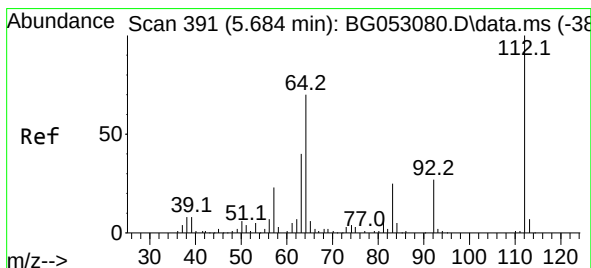
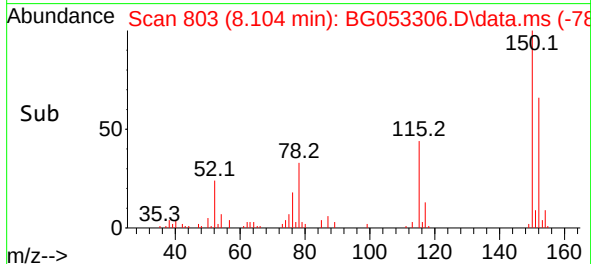
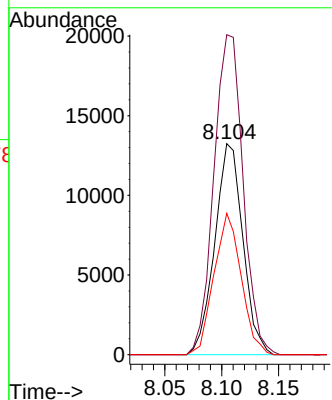
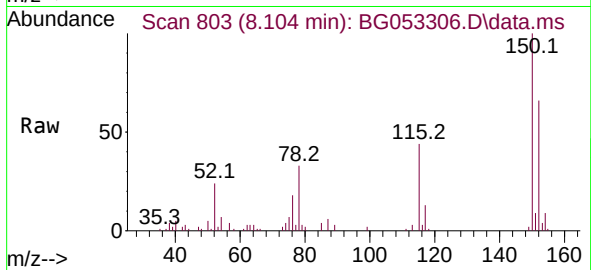




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.104 min Scan# 806
Delta R.T. -0.009 min
Lab File: BG053306.D
Acq: 25 Apr 2022 13:04

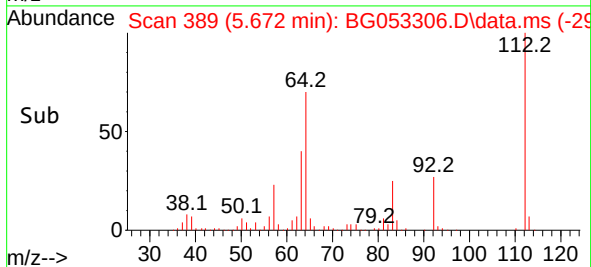
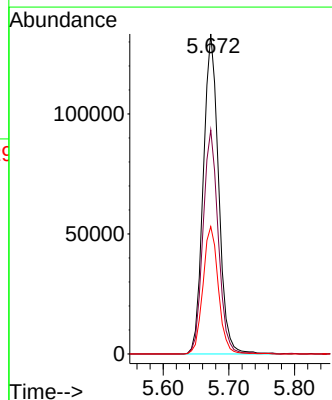
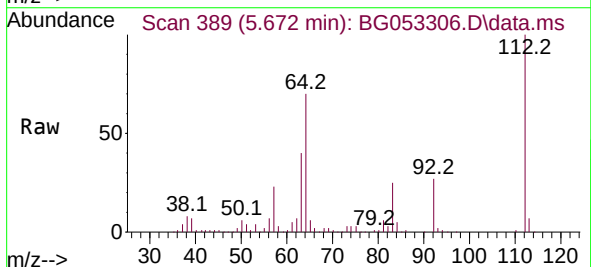
Instrument :
BNA_G
ClientSampleId :
PB144314BL

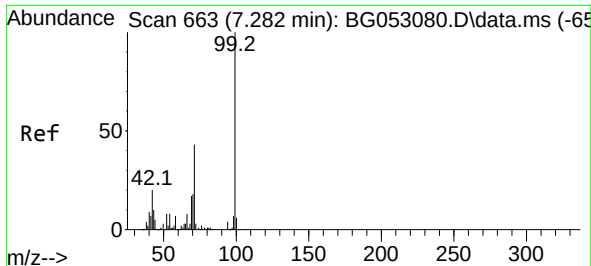
Tgt Ion:152 Resp: 22795
Ion Ratio Lower Upper
152 100
150 151.6 114.6 172.0
115 66.9 45.9 68.9



#5
2-Fluorophenol
Concen: 162.973 ng
RT: 5.672 min Scan# 389
Delta R.T. -0.003 min
Lab File: BG053306.D
Acq: 25 Apr 2022 13:04

Tgt Ion:112 Resp: 216720
Ion Ratio Lower Upper
112 100
64 70.0 48.0 72.0
63 39.8 26.5 39.7#

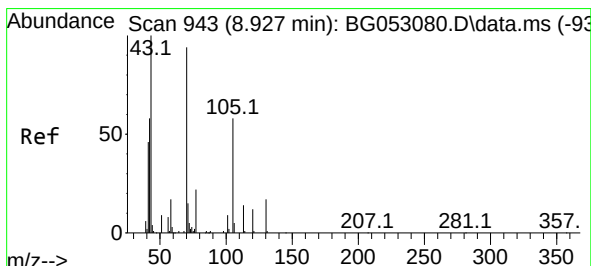
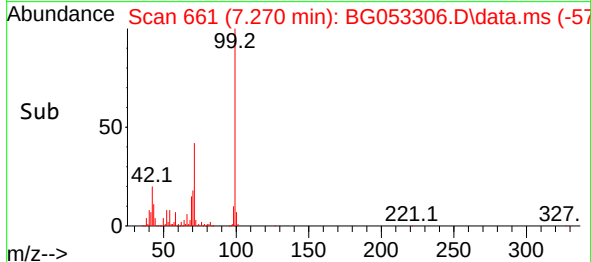
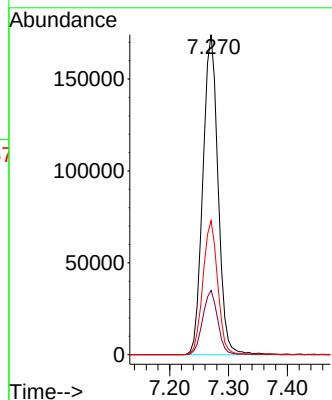
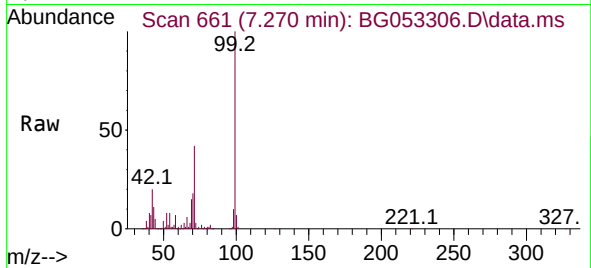




#7
Phenol-d6
Concen: 152.410 ng
RT: 7.270 min Scan# 60
Delta R.T. -0.003 min
Lab File: BG053306.D
Acq: 25 Apr 2022 13:04

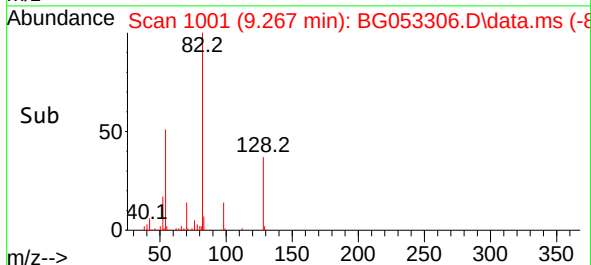
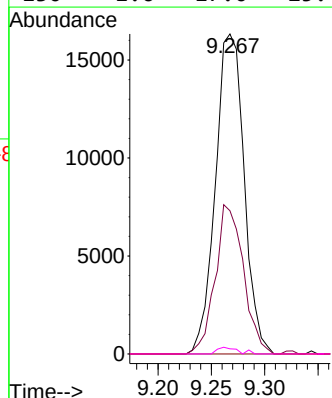
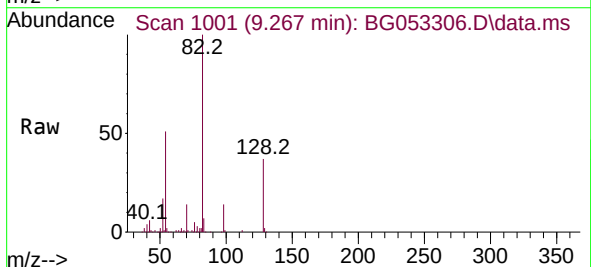
Instrument :
BNA_G
ClientSampleId :
PB144314BL

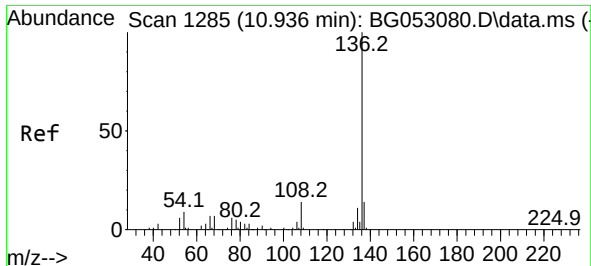
Tgt Ion: 99 Resp: 312543
Ion Ratio Lower Upper
99 100
42 20.1 14.7 22.1
71 41.9 29.2 43.8



#19
n-Nitroso-di-n-propylamine
Concen: 20.325 ng
RT: 9.267 min Scan# 1001
Delta R.T. 0.355 min
Lab File: BG053306.D
Acq: 25 Apr 2022 13:04

Tgt Ion: 70 Resp: 30514
Ion Ratio Lower Upper
70 100
42 44.8 46.0 69.0#
101 0.0 6.2 9.4#
130 1.6 17.0 25.4#

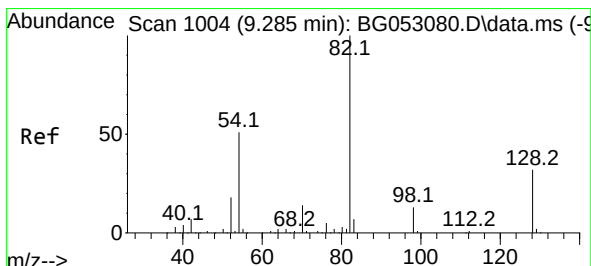
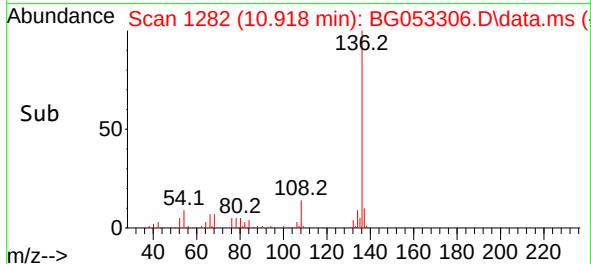
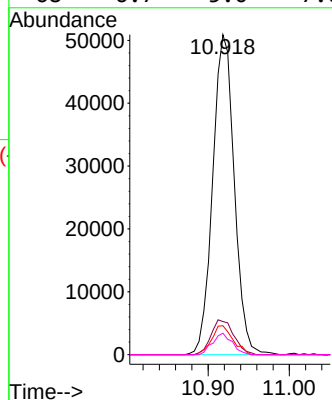
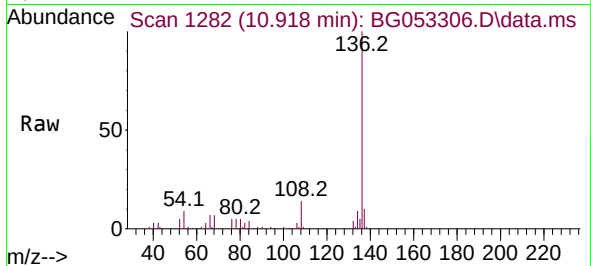




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.918 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG053306.D
Acq: 25 Apr 2022 13:04

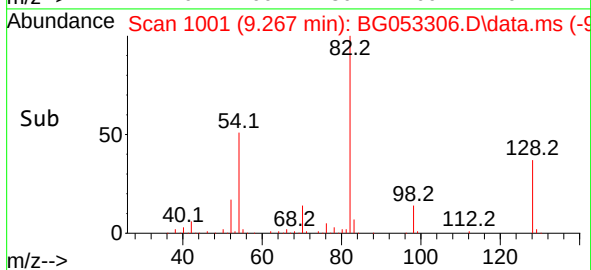
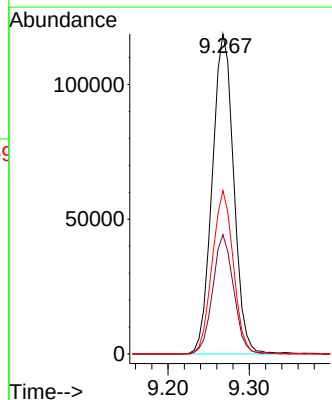
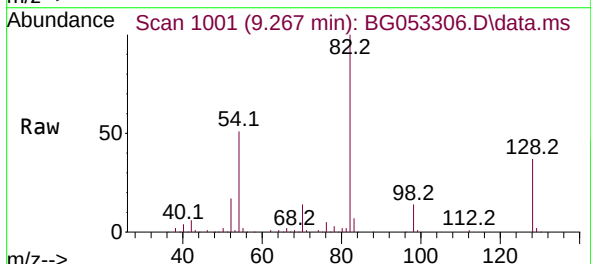
Instrument :
BNA_G
ClientSampleId :
PB144314BL

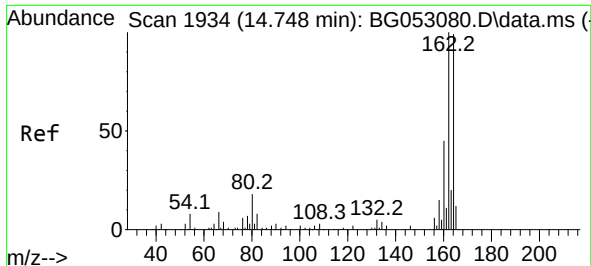
Tgt Ion:136	Resp:	94029
Ion Ratio	Lower	Upper
136	100	
137	10.3	9.4 14.2
54	9.0	6.4 9.6
68	6.7	5.0 7.6



#23
Nitrobenzene-d5
Concen: 94.123 ng
RT: 9.267 min Scan# 1001
Delta R.T. -0.009 min
Lab File: BG053306.D
Acq: 25 Apr 2022 13:04

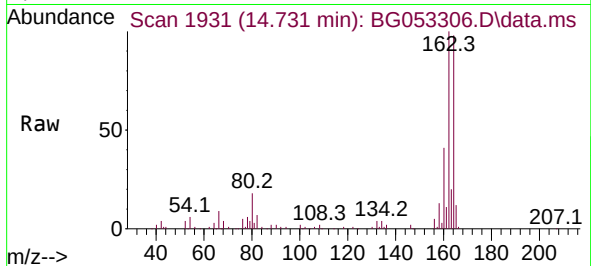
Tgt Ion: 82	Resp:	217970
Ion Ratio	Lower	Upper
82	100	
128	37.3	31.3 46.9
54	51.0	37.8 56.8



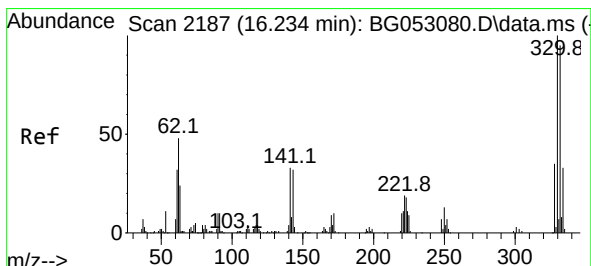
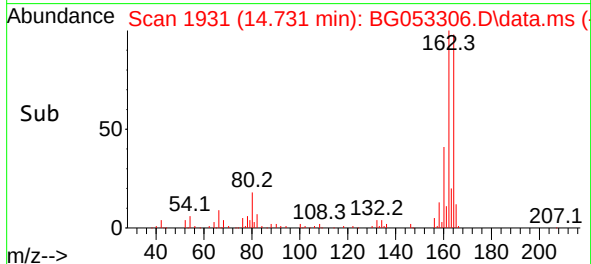
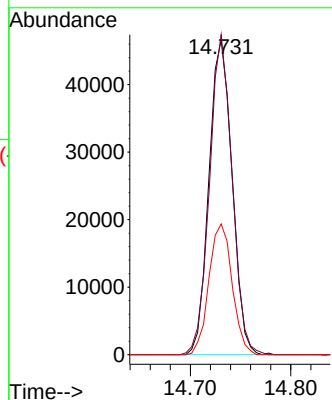


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.731 min Scan# 1931
Delta R.T. -0.003 min
Lab File: BG053306.D
Acq: 25 Apr 2022 13:04

Instrument :
BNA_G
ClientSampleId :
PB144314BL

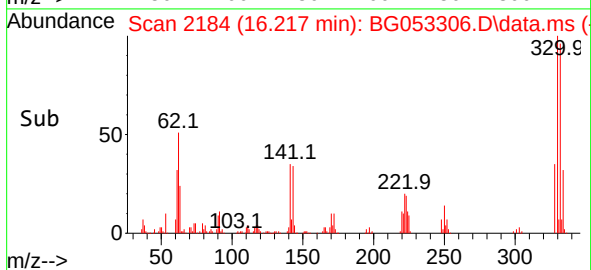
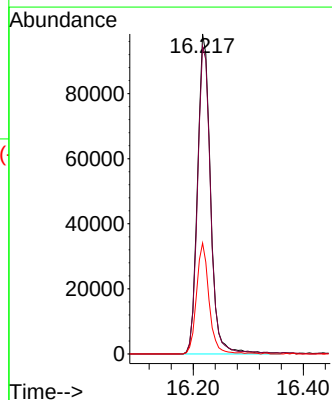
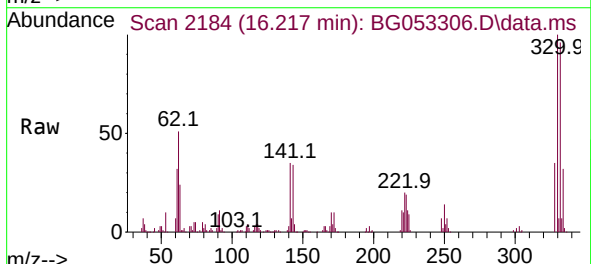


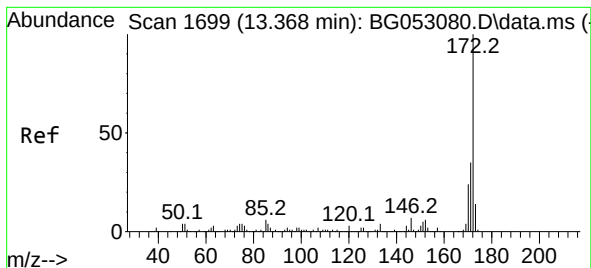
Tgt Ion:164 Resp: 74746
Ion Ratio Lower Upper
164 100
162 101.8 80.0 120.0
160 41.6 38.8 58.2



#42
2,4,6-Tribromophenol
Concen: 135.665 ng
RT: 16.217 min Scan# 2184
Delta R.T. -0.009 min
Lab File: BG053306.D
Acq: 25 Apr 2022 13:04

Tgt Ion:330 Resp: 161330
Ion Ratio Lower Upper
330 100
332 97.0 75.8 113.6
141 33.2 24.6 36.8





#45

2-Fluorobiphenyl

Concen: 91.007 ng

RT: 13.356 min Scan# 1

Delta R.T. -0.003 min

Lab File: BG053306.D

Acq: 25 Apr 2022 13:04

Instrument :

BNA_G

ClientSampleId :

PB144314BL

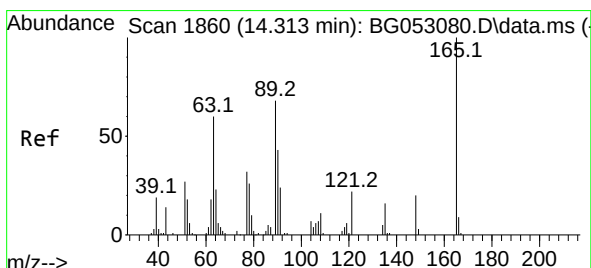
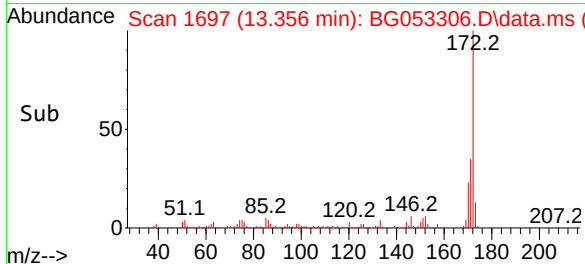
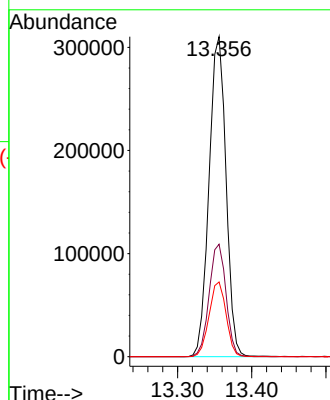
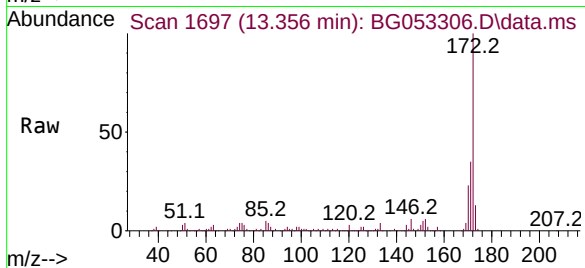
Tgt Ion:172 Resp: 493322

Ion Ratio Lower Upper

172 100

171 35.1 28.3 42.5

170 23.3 18.0 27.0



#51

2,6-Dinitrotoluene

Concen: 7.534 ng

RT: 14.731 min Scan# 1931

Delta R.T. 0.426 min

Lab File: BG053306.D

Acq: 25 Apr 2022 13:04

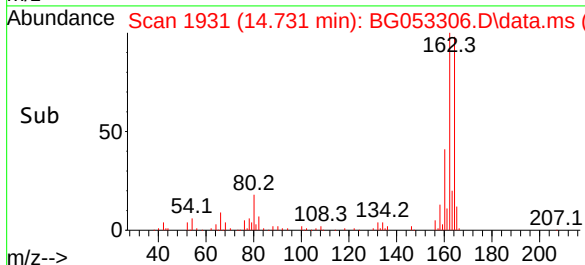
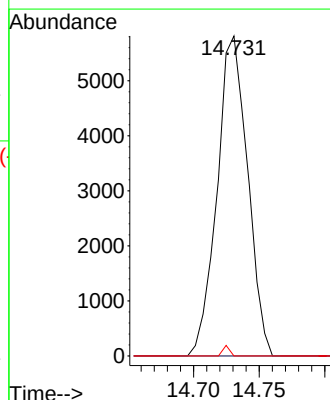
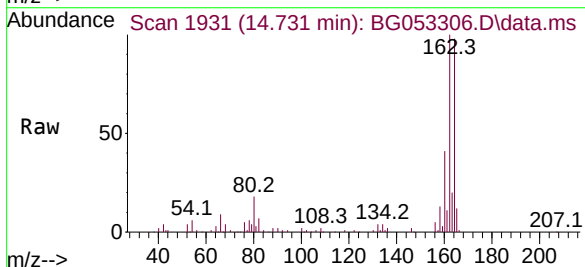
Tgt Ion:165 Resp: 9397

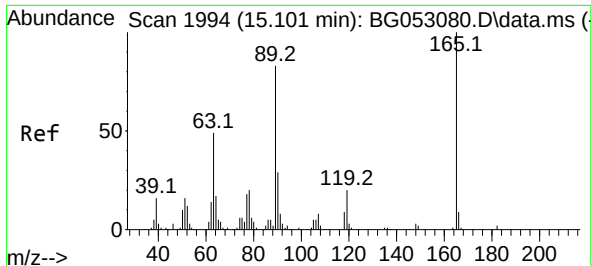
Ion Ratio Lower Upper

165 100

63 0.0 43.7 65.5#

89 0.0 45.0 67.4#

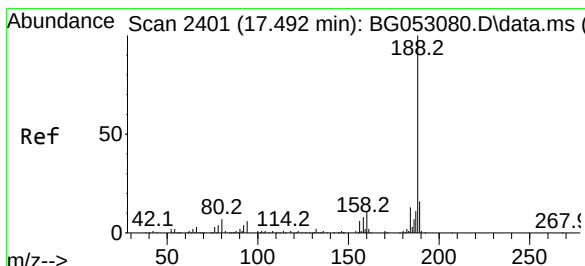
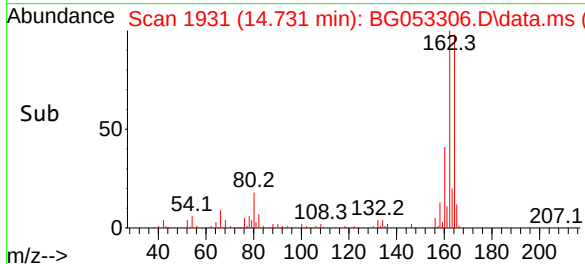
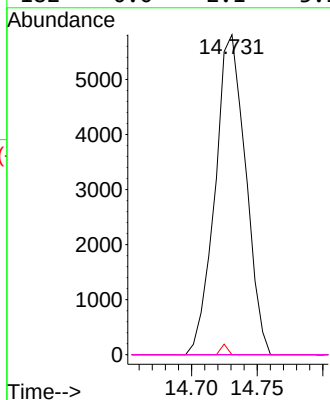
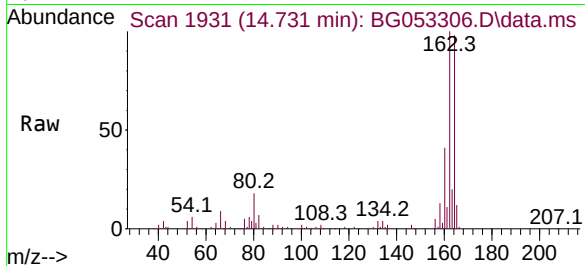




#57
2,4-Dinitrotoluene
Concen: 5.292 ng
RT: 14.731 min Scan# 1994
Delta R.T. -0.362 min
Lab File: BG053306.D
Acq: 25 Apr 2022 13:04

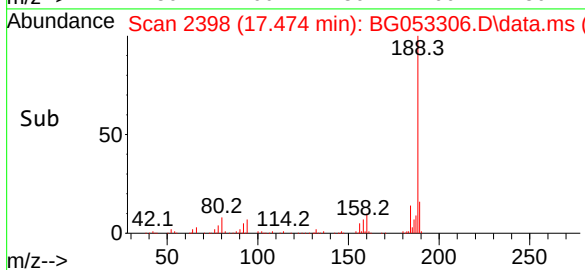
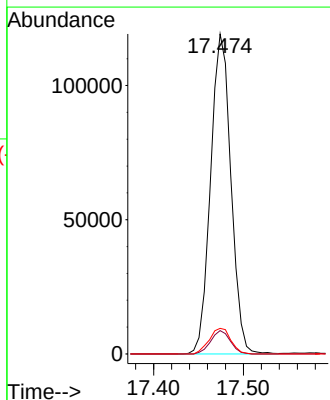
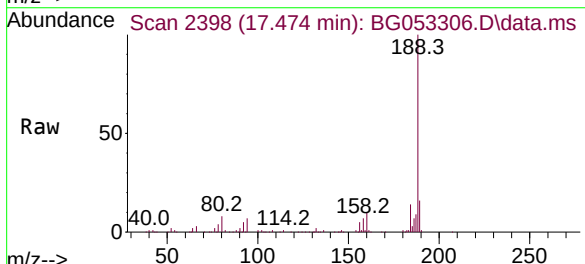
Instrument :
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PB144314BL

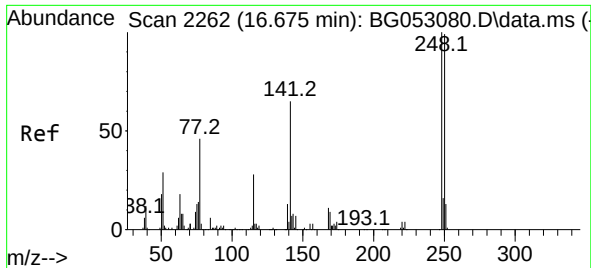
Tgt Ion:165	Resp:	9397
Ion Ratio	Lower	Upper
165	100	
63	0.0	34.8 52.2#
89	0.0	57.4 86.0#
182	0.0	2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.474 min Scan# 2398
Delta R.T. -0.009 min
Lab File: BG053306.D
Acq: 25 Apr 2022 13:04

Tgt Ion:188	Resp:	187420
Ion Ratio	Lower	Upper
188	100	
94	7.3	5.7 8.5
80	8.0	7.2 10.8

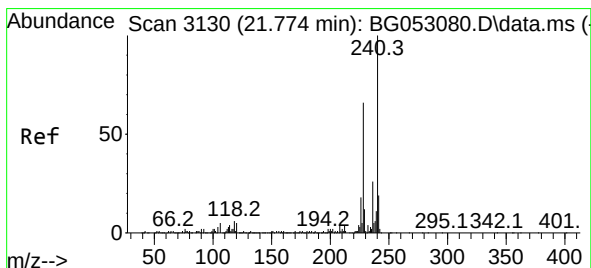
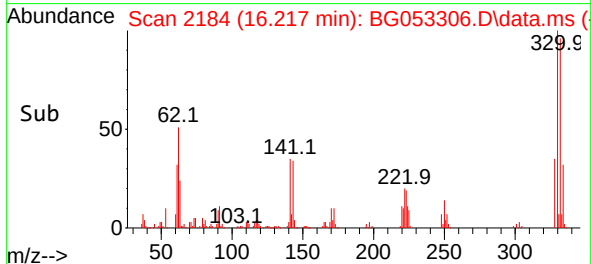
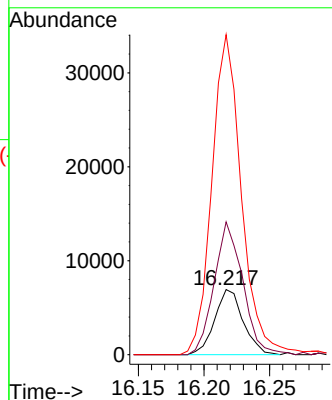
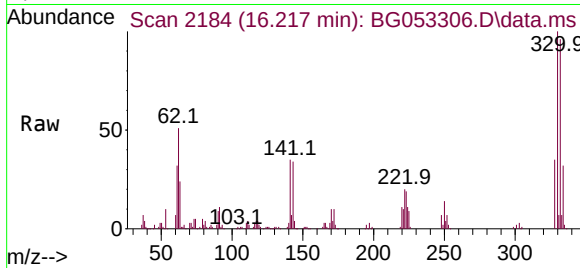




#67
4-Bromophenyl-phenylether
Concen: 4.358 ng
RT: 16.217 min Scan# 2184
Delta R.T. -0.444 min
Lab File: BG053306.D
Acq: 25 Apr 2022 13:04

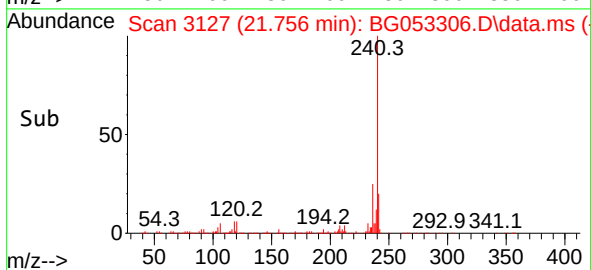
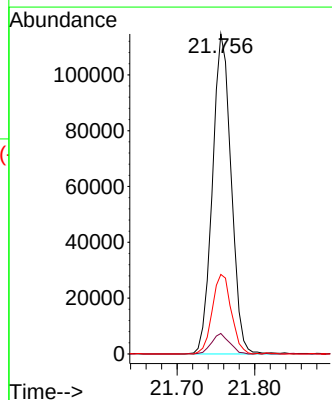
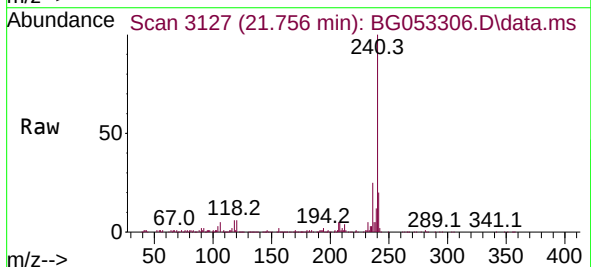
Instrument :
BNA_G
ClientSampleId :
PB144314BL

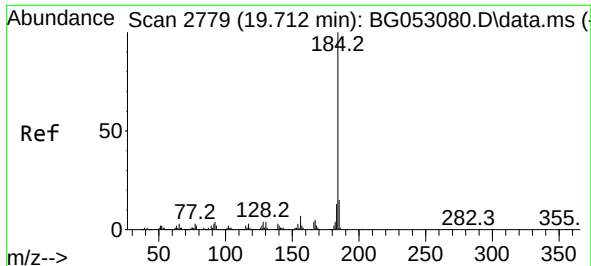
Tgt Ion:248 Resp: 10465
Ion Ratio Lower Upper
248 100
250 204.0 77.9 116.9#
141 491.6 49.2 73.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.756 min Scan# 3127
Delta R.T. -0.009 min
Lab File: BG053306.D
Acq: 25 Apr 2022 13:04

Tgt Ion:240 Resp: 192489
Ion Ratio Lower Upper
240 100
120 6.4 5.4 8.0
236 24.9 19.8 29.6

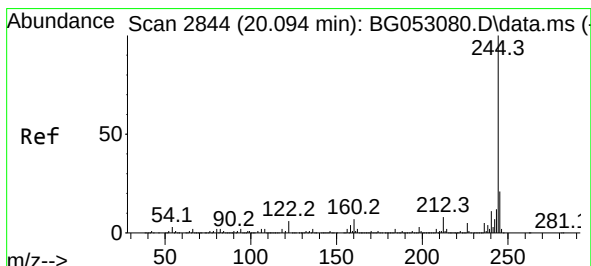
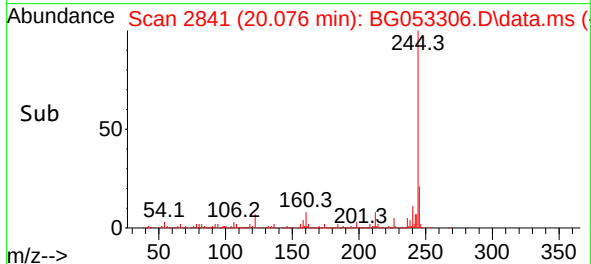
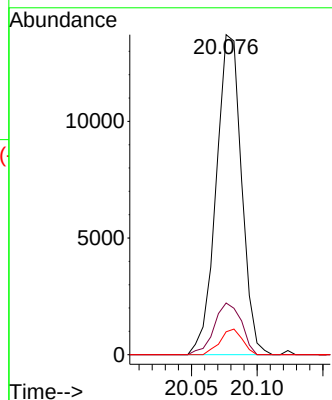
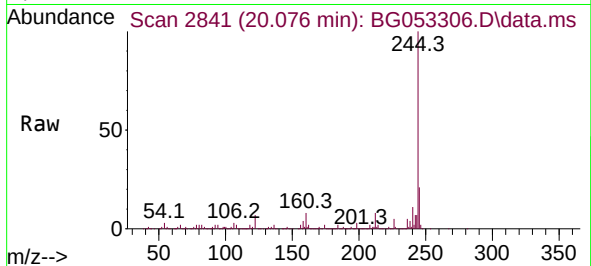




#77
Benzidine
Concen: 3.350 ng
RT: 20.076 min Scan# 2841
Delta R.T. 0.373 min
Lab File: BG053306.D
Acq: 25 Apr 2022 13:04

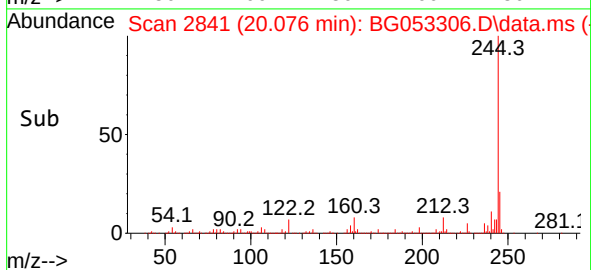
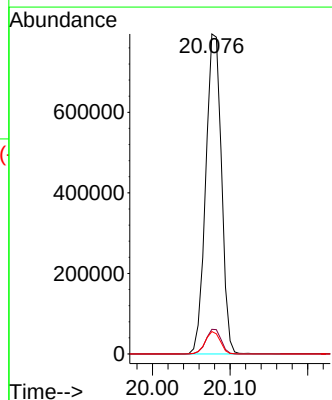
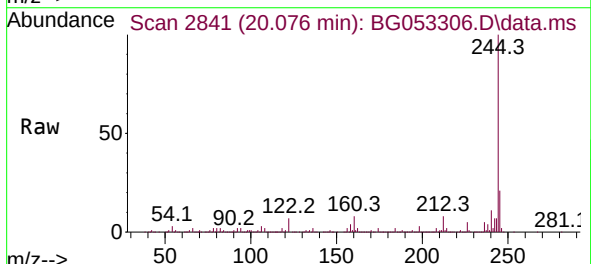
Instrument :
BNA_G
ClientSampleId :
PB144314BL

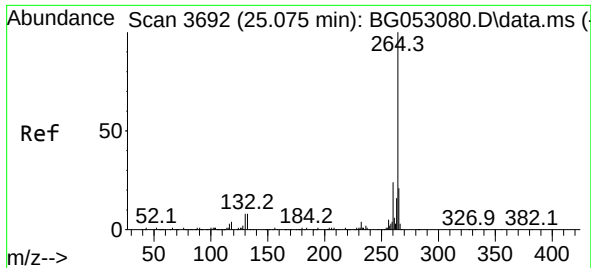
Tgt Ion:184 Resp: 18401
Ion Ratio Lower Upper
184 100
185 16.2 11.5 17.3
183 7.1 9.4 14.2#



#79
Terphenyl-d14
Concen: 97.959 ng
RT: 20.076 min Scan# 2841
Delta R.T. -0.009 min
Lab File: BG053306.D
Acq: 25 Apr 2022 13:04

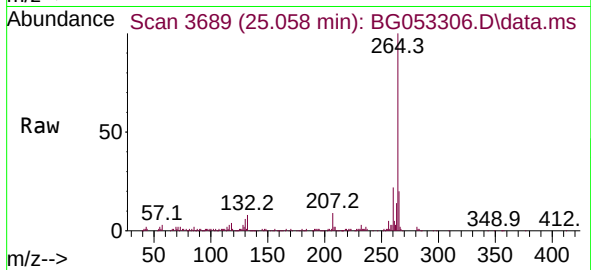
Tgt Ion:244 Resp: 1116470
Ion Ratio Lower Upper
244 100
212 7.7 5.4 8.2
122 7.0 5.8 8.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.058 min Scan# 30
Delta R.T. -0.003 min
Lab File: BG053306.D
Acq: 25 Apr 2022 13:04

Instrument :
BNA_G
ClientSampleId :
PB144314BL



Tgt Ion:264 Resp: 186710
Ion Ratio Lower Upper
264 100
260 22.4 18.2 27.2
265 20.5 15.1 22.7

