

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041822\
 Data File : BG053184.D
 Acq On : 18 Apr 2022 17:38
 Operator : CG/JU
 Sample : N2444-09
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-8

Quant Time: Apr 19 04:21:10 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)

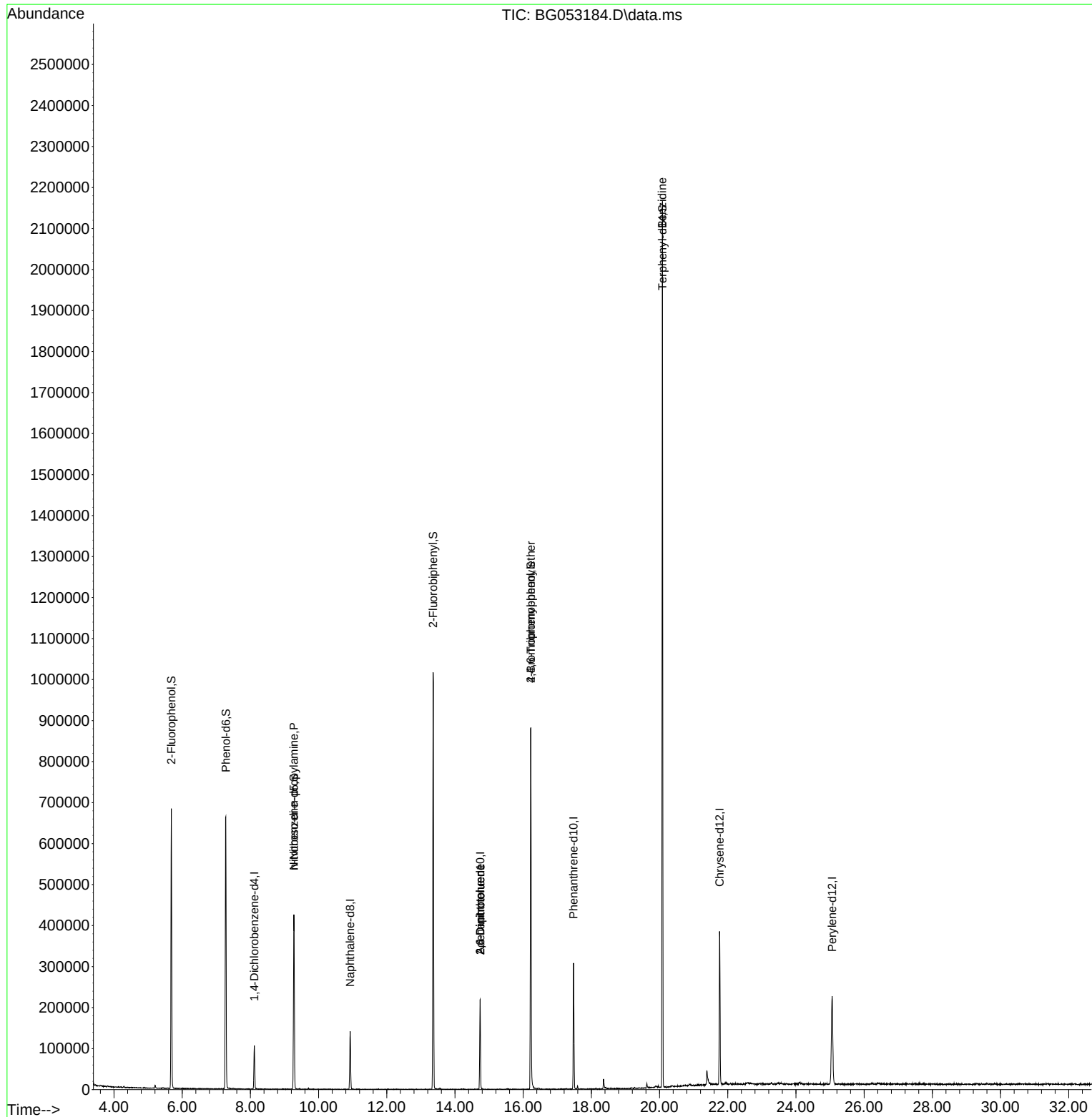
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.113	152	30495	20.000	ng	0.00
21) Naphthalene-d8	10.927	136	116326	20.000	ng	0.00
39) Acenaphthene-d10	14.740	164	81040	20.000	ng	0.00
64) Phenanthrene-d10	17.477	188	207336	20.000	ng	-0.01
76) Chrysene-d12	21.759	240	248329	20.000	ng	#-0.01
86) Perylene-d12	25.061	264	251145	20.000	ng	#-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.681	112	274066	154.058	ng	0.00
7) Phenol-d6	7.279	99	384463	140.142	ng	0.00
23) Nitrobenzene-d5	9.276	82	273954	95.623	ng	0.00
42) 2,4,6-Tribromophenol	16.226	330	188982	146.576	ng	0.00
45) 2-Fluorobiphenyl	13.359	172	555518	94.522	ng	0.00
79) Terphenyl-d14	20.085	244	1122158	76.319	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.276	70	39100	19.468	ng	# 75
51) 2,6-Dinitrotoluene	14.740	165	10527	7.785	ng	# 27
57) 2,4-Dinitrotoluene	14.740	165	10527	5.468	ng	# 25
67) 4-Bromophenyl-phenylether	16.226	248	12299	4.629	ng	# 1
77) Benzidine	20.079	184	19433	2.743	ng	# 92

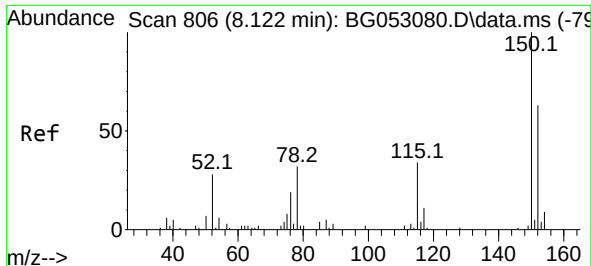
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 08 15:31:24 2022
Response via : Initial Calibration

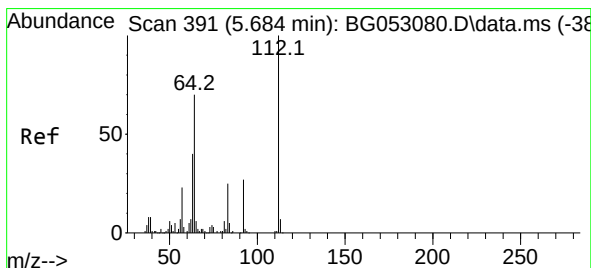
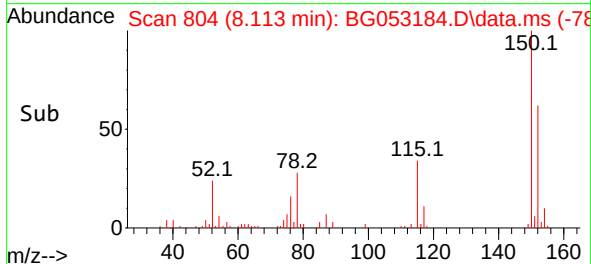
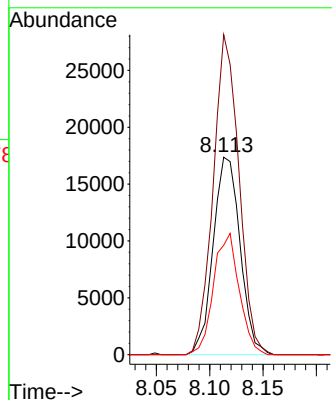
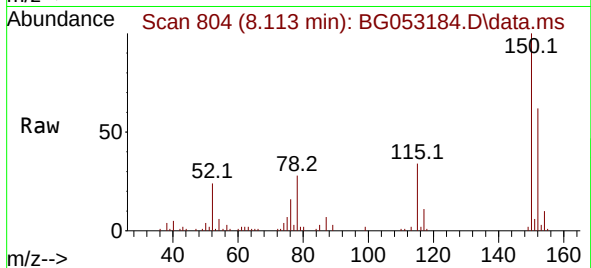




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.113 min Scan# 804
 Delta R.T. -0.009 min
 Lab File: BG053184.D
 Acq: 18 Apr 2022 17:38

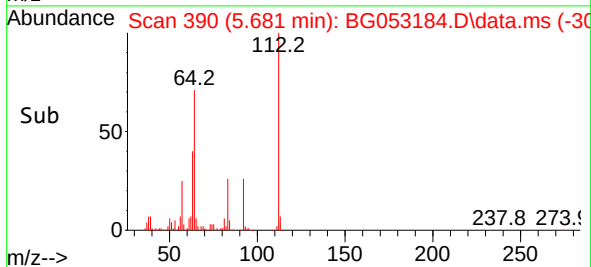
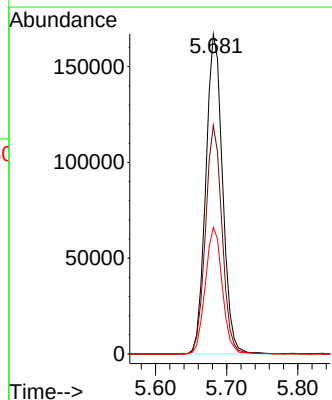
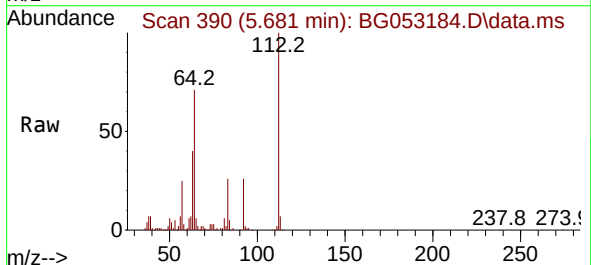
Instrument :
 BNA_G
 ClientSampleId :
 SB-8

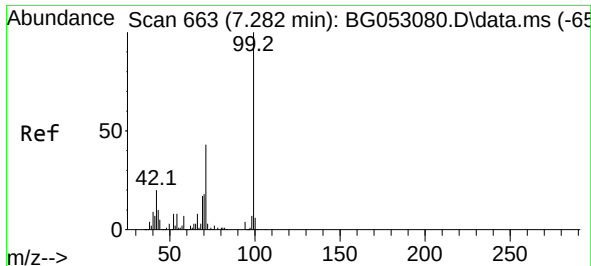
Tgt Ion:152 Resp: 30495
 Ion Ratio Lower Upper
 152 100
 150 162.1 114.6 172.0
 115 55.5 45.9 68.9



#5
 2-Fluorophenol
 Concen: 154.058 ng
 RT: 5.681 min Scan# 390
 Delta R.T. -0.003 min
 Lab File: BG053184.D
 Acq: 18 Apr 2022 17:38

Tgt Ion:112 Resp: 274066
 Ion Ratio Lower Upper
 112 100
 64 71.4 48.0 72.0
 63 39.6 26.5 39.7

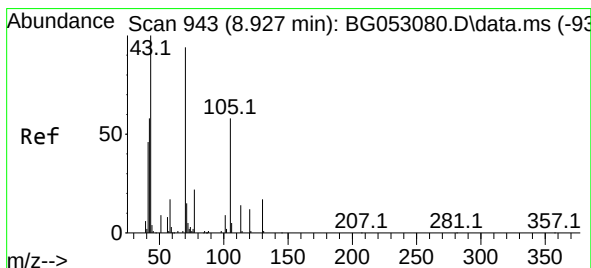
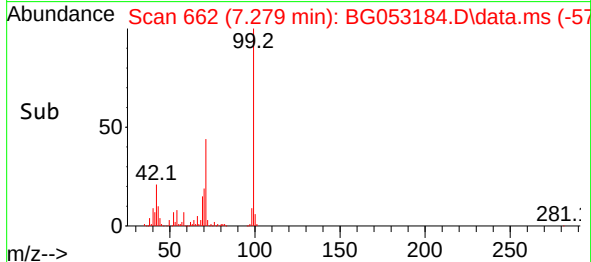
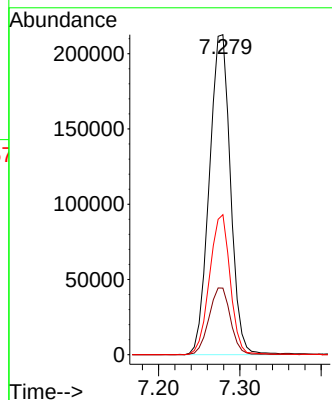
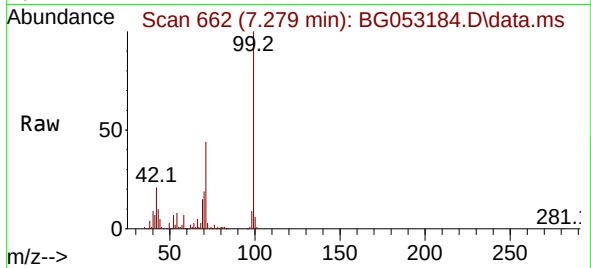




#7
Phenol-d6
Concen: 140.142 ng
RT: 7.279 min Scan# 60
Delta R.T. -0.003 min
Lab File: BG053184.D
Acq: 18 Apr 2022 17:38

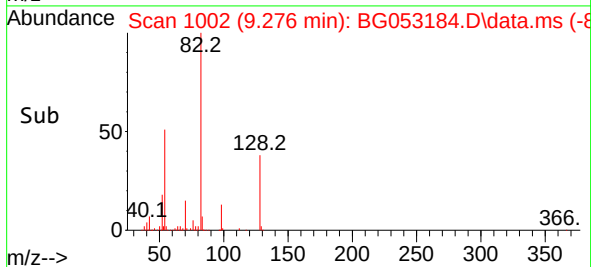
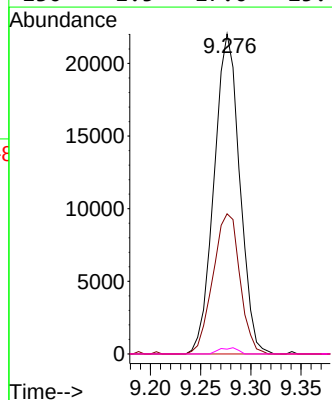
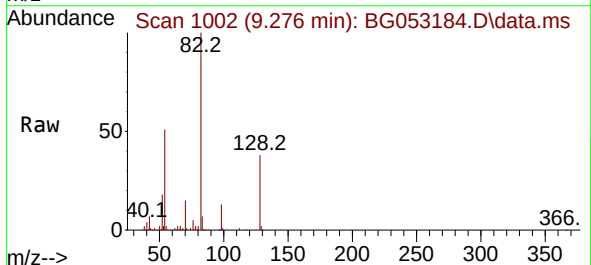
Instrument :
BNA_G
ClientSampleId :
SB-8

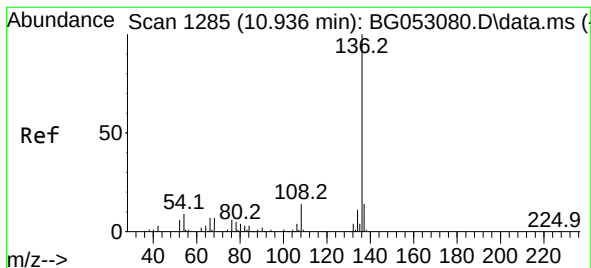
Tgt Ion: 99 Resp: 384463
Ion Ratio Lower Upper
99 100
42 20.8 14.7 22.1
71 43.7 29.2 43.8



#19
n-Nitroso-di-n-propylamine
Concen: 19.468 ng
RT: 9.276 min Scan# 1002
Delta R.T. 0.350 min
Lab File: BG053184.D
Acq: 18 Apr 2022 17:38

Tgt Ion: 70 Resp: 39100
Ion Ratio Lower Upper
70 100
42 43.8 46.0 69.0#
101 0.0 6.2 9.4#
130 1.5 17.0 25.4#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.927 min Scan# 11

Delta R.T. -0.009 min

Lab File: BG053184.D

Acq: 18 Apr 2022 17:38

Instrument :

BNA_G

ClientSampleId :

SB-8

Tgt Ion:136 Resp: 116326

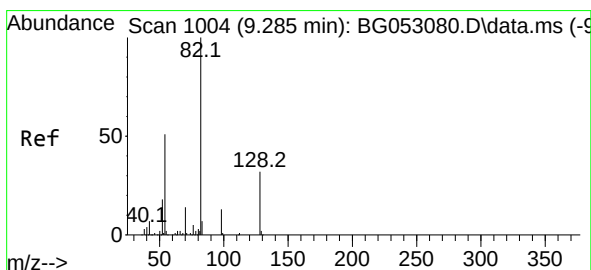
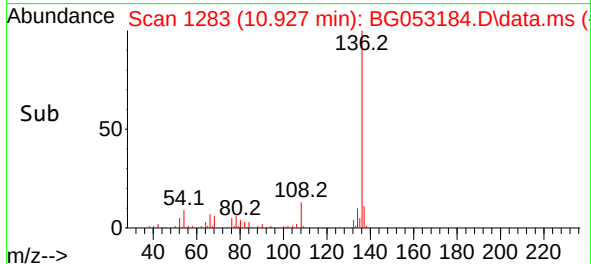
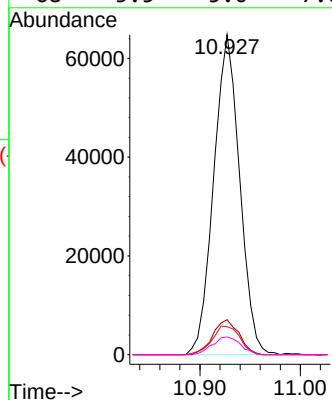
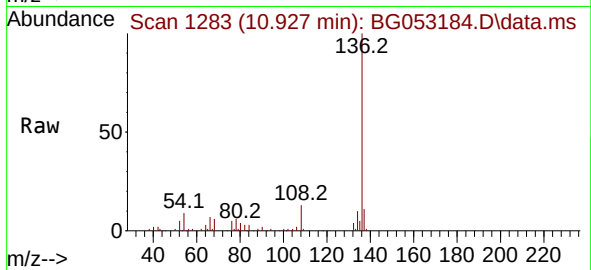
Ion Ratio Lower Upper

136 100

137 11.0 9.4 14.2

54 8.8 6.4 9.6

68 5.5 5.0 7.6



#23

Nitrobenzene-d5

Concen: 95.623 ng

RT: 9.276 min Scan# 1002

Delta R.T. -0.009 min

Lab File: BG053184.D

Acq: 18 Apr 2022 17:38

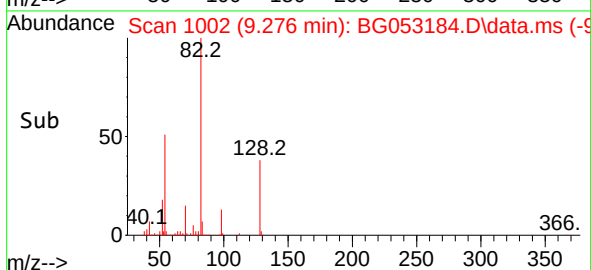
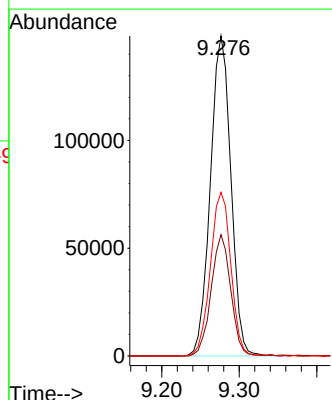
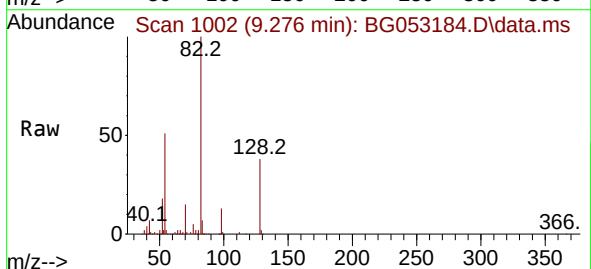
Tgt Ion: 82 Resp: 273954

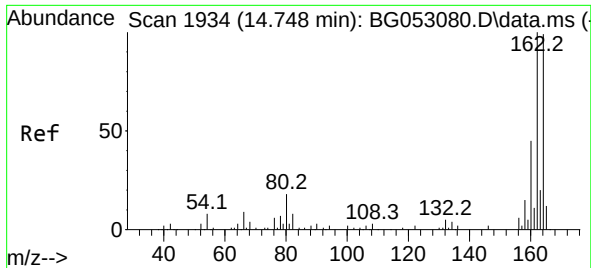
Ion Ratio Lower Upper

82 100

128 37.9 31.3 46.9

54 51.1 37.8 56.8

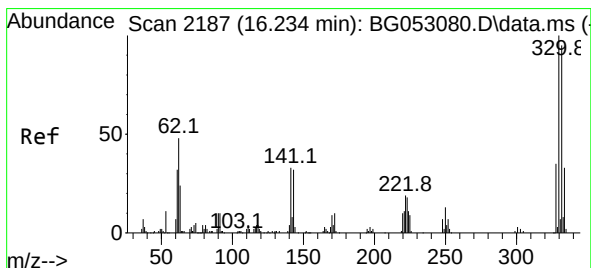
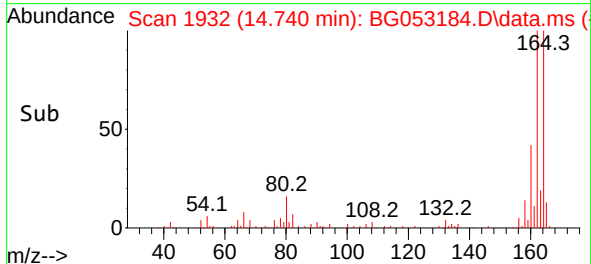
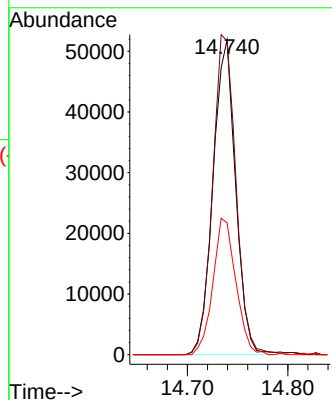
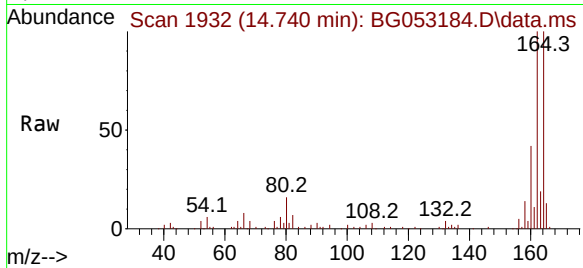




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.740 min Scan# 1934
Delta R.T. -0.009 min
Lab File: BG053184.D
Acq: 18 Apr 2022 17:38

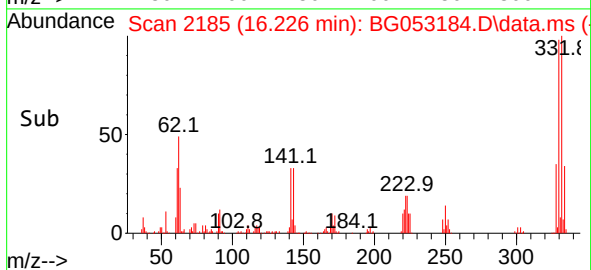
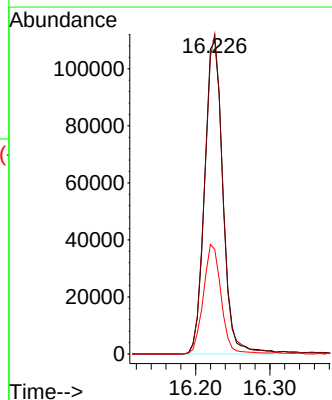
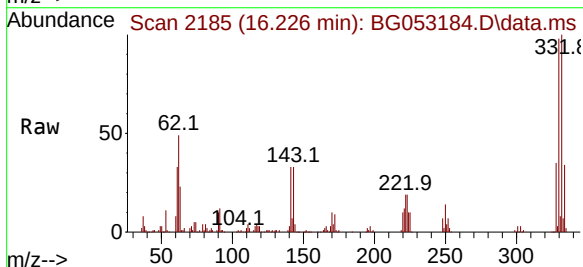
Instrument :
BNA_G
ClientSampleId :
SB-8

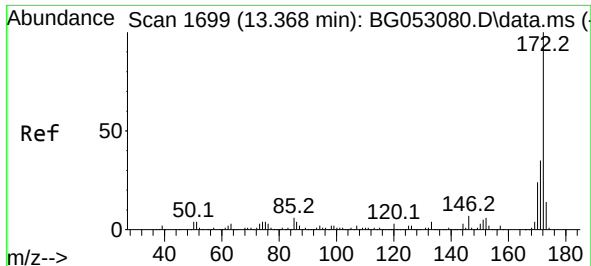
Tgt Ion:164 Resp: 81040
Ion Ratio Lower Upper
164 100
162 99.6 80.0 120.0
160 41.9 38.8 58.2



#42
2,4,6-Tribromophenol
Concen: 146.576 ng
RT: 16.226 min Scan# 2185
Delta R.T. -0.009 min
Lab File: BG053184.D
Acq: 18 Apr 2022 17:38

Tgt Ion:330 Resp: 188982
Ion Ratio Lower Upper
330 100
332 99.7 75.8 113.6
141 33.9 24.6 36.8

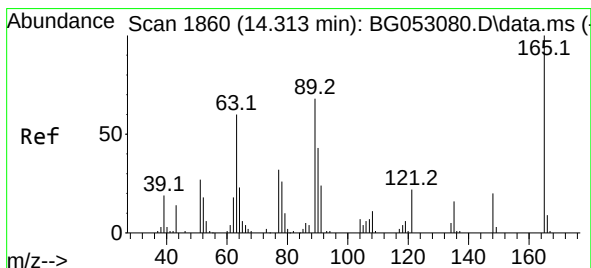
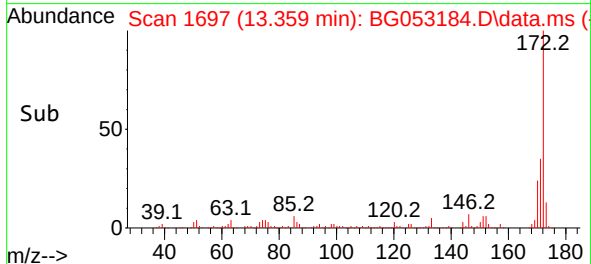
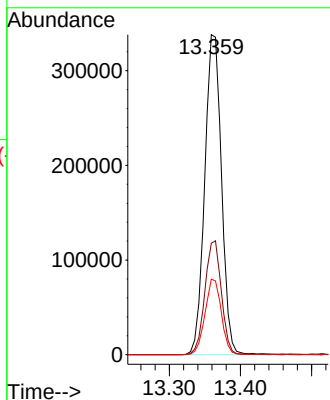
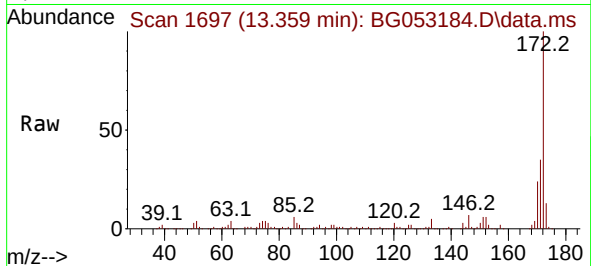




#45
2-Fluorobiphenyl
Concen: 94.522 ng
RT: 13.359 min Scan# 1
Delta R.T. -0.009 min
Lab File: BG053184.D
Acq: 18 Apr 2022 17:38

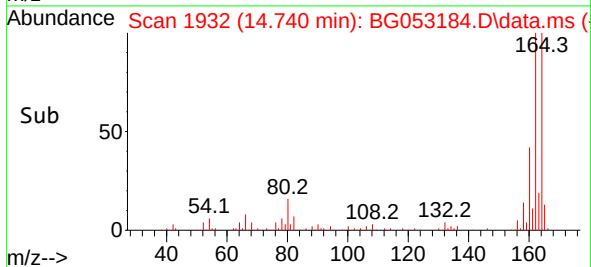
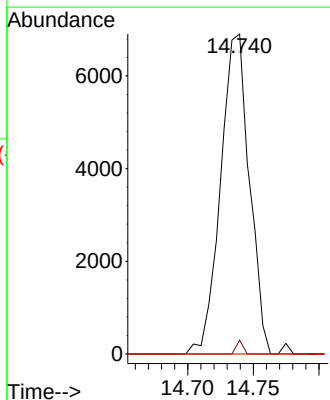
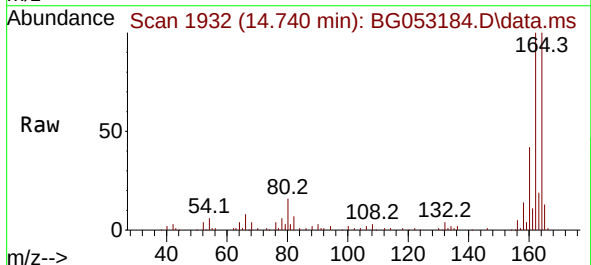
Instrument :
BNA_G
ClientSampleId :
SB-8

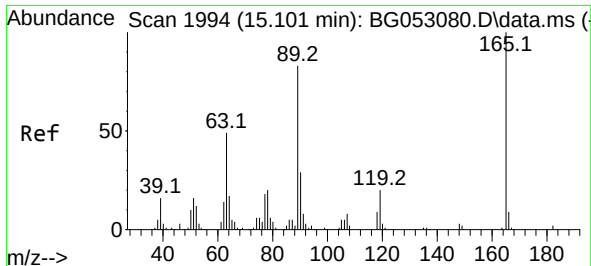
Tgt Ion:172 Resp: 555518
Ion Ratio Lower Upper
172 100
171 34.8 28.3 42.5
170 23.6 18.0 27.0



#51
2,6-Dinitrotoluene
Concen: 7.785 ng
RT: 14.740 min Scan# 1932
Delta R.T. 0.426 min
Lab File: BG053184.D
Acq: 18 Apr 2022 17:38

Tgt Ion:165 Resp: 10527
Ion Ratio Lower Upper
165 100
63 4.3 43.7 65.5#
89 0.0 45.0 67.4#

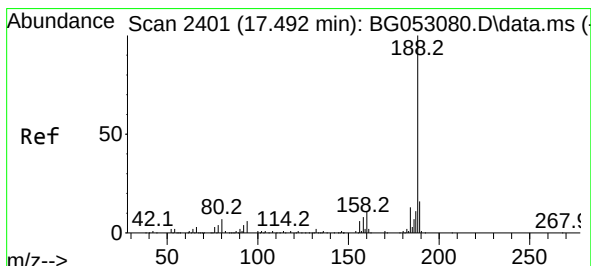
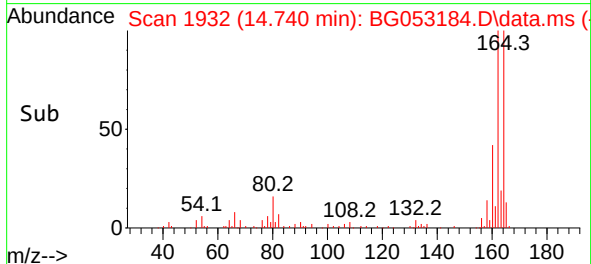
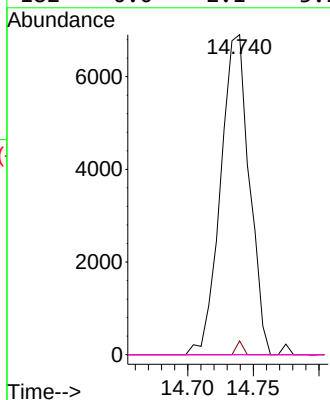
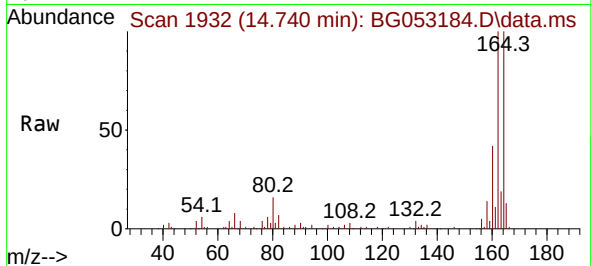




#57
2,4-Dinitrotoluene
Concen: 5.468 ng
RT: 14.740 min Scan# 1994
Delta R.T. -0.361 min
Lab File: BG053184.D
Acq: 18 Apr 2022 17:38

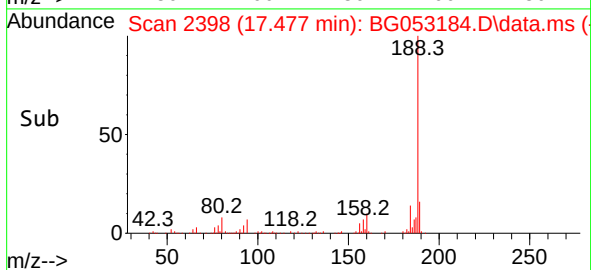
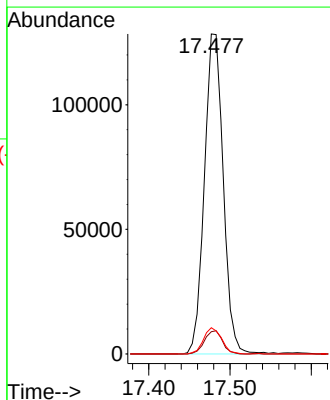
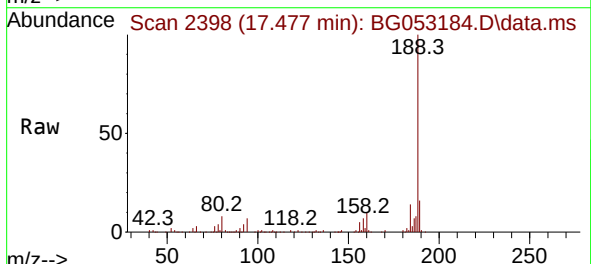
Instrument :
BNA_G
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SB-8

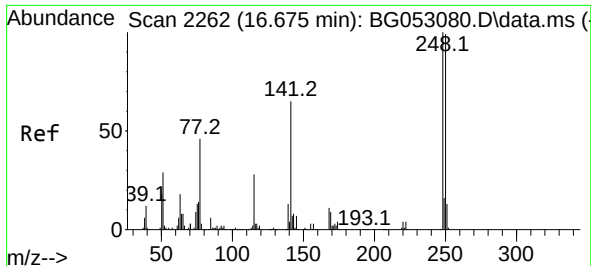
Tgt Ion:165	Resp:	10527
Ion	Ratio	Lower Upper
165	100	
63	4.3	34.8 52.2#
89	0.0	57.4 86.0#
182	0.0	2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.477 min Scan# 2398
Delta R.T. -0.015 min
Lab File: BG053184.D
Acq: 18 Apr 2022 17:38

Tgt Ion:188	Resp:	207336
Ion	Ratio	Lower Upper
188	100	
94	7.0	5.7 8.5
80	8.2	7.2 10.8

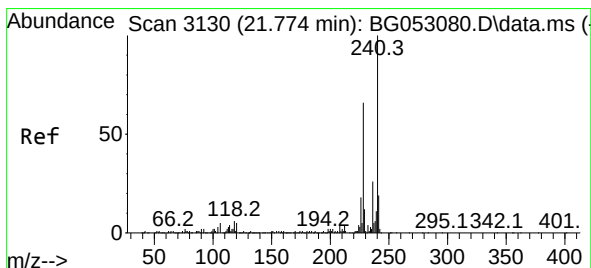
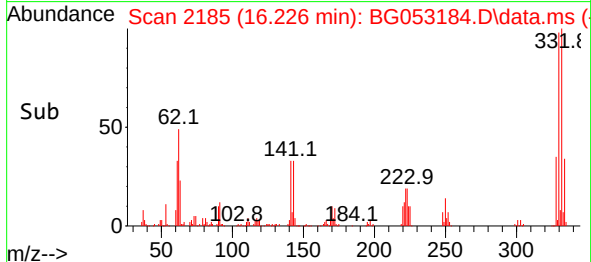
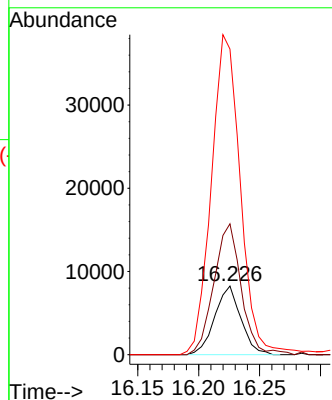
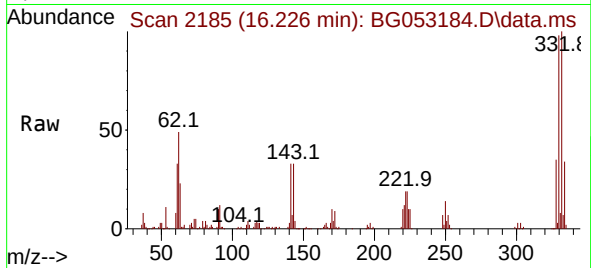




#67
4-Bromophenyl-phenylether
Concen: 4.629 ng
RT: 16.226 min Scan# 2118
Delta R.T. -0.449 min
Lab File: BG053184.D
Acq: 18 Apr 2022 17:38

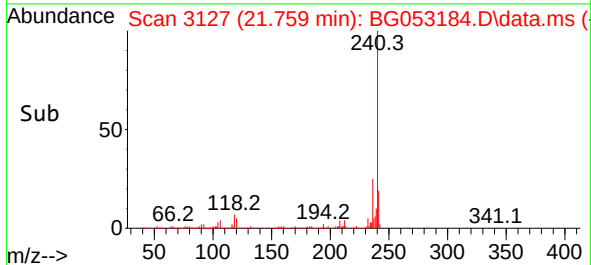
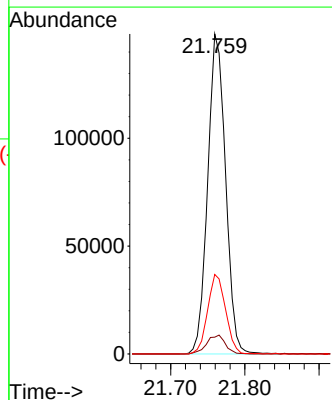
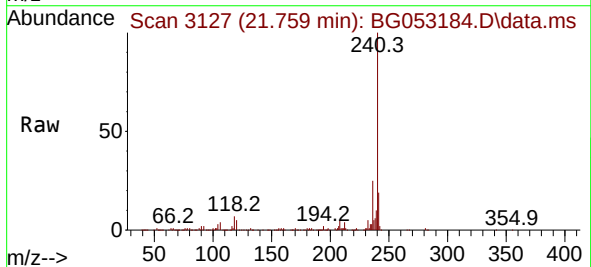
Instrument :
BNA_G
ClientSampleId :
SB-8

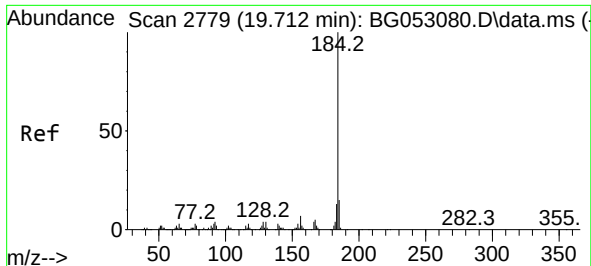
Tgt Ion:248 Resp: 12299
Ion Ratio Lower Upper
248 100
250 190.9 77.9 116.9#
141 445.6 49.2 73.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.759 min Scan# 3127
Delta R.T. -0.015 min
Lab File: BG053184.D
Acq: 18 Apr 2022 17:38

Tgt Ion:240 Resp: 248329
Ion Ratio Lower Upper
240 100
120 5.2 5.4 8.0#
236 24.8 19.8 29.6

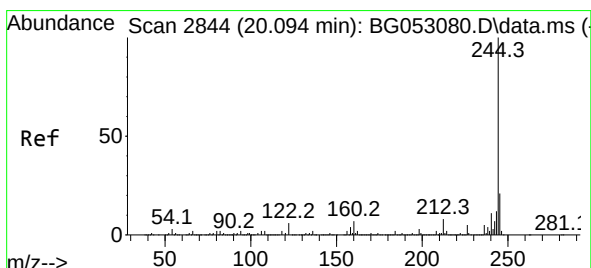
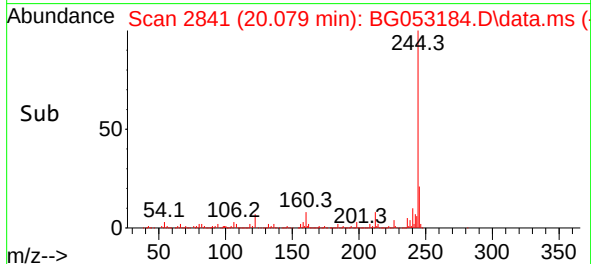
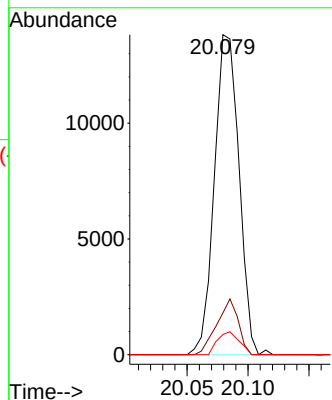
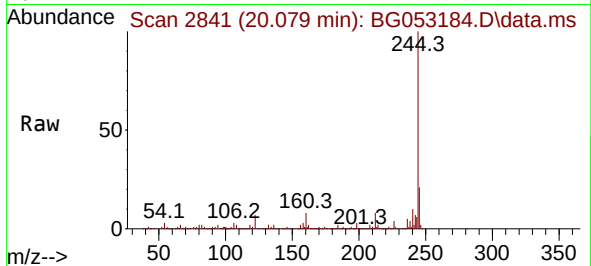




#77
Benzidine
Concen: 2.743 ng
RT: 20.079 min Scan# 21
Delta R.T. 0.367 min
Lab File: BG053184.D
Acq: 18 Apr 2022 17:38

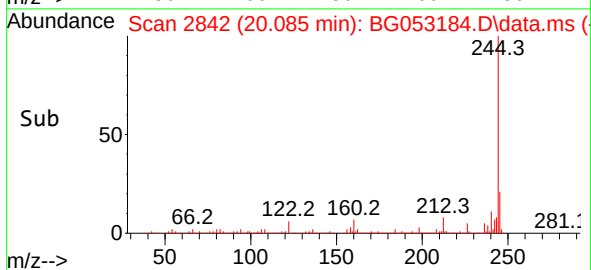
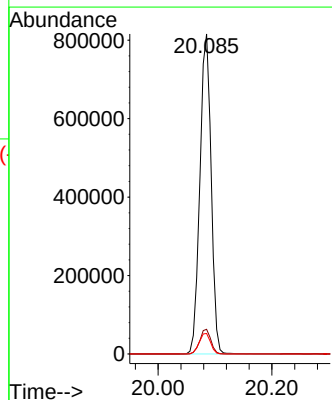
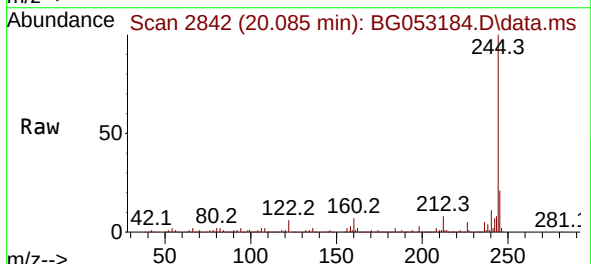
Instrument :
BNA_G
ClientSampleId :
SB-8

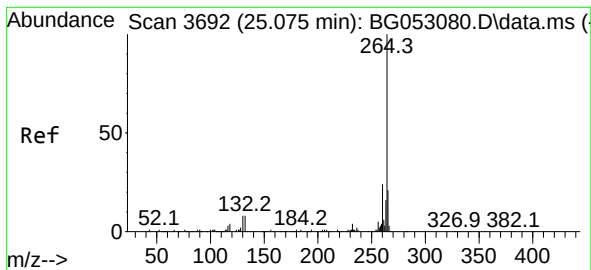
Tgt Ion:184 Resp: 19433
Ion Ratio Lower Upper
184 100
185 13.0 11.5 17.3
183 6.3 9.4 14.2#



#79
Terphenyl-d14
Concen: 76.319 ng
RT: 20.085 min Scan# 2842
Delta R.T. -0.009 min
Lab File: BG053184.D
Acq: 18 Apr 2022 17:38

Tgt Ion:244 Resp: 1122158
Ion Ratio Lower Upper
244 100
212 7.7 5.4 8.2
122 6.4 5.8 8.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.061 min Scan# 30
 Delta R.T. -0.015 min
 Lab File: BG053184.D
 Acq: 18 Apr 2022 17:38

Instrument :
 BNA_G
 ClientSampleId :
 SB-8

Tgt Ion:264 Resp: 251145
 Ion Ratio Lower Upper
 264 100
 260 24.2 18.2 27.2
 265 22.7 15.1 22.7#

