

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041222\
 Data File : BG053117.D
 Acq On : 12 Apr 2022 13:23
 Operator : CG/JU
 Sample : N2340-07
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-07-COMP

Quant Time: Apr 13 06:12:58 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)

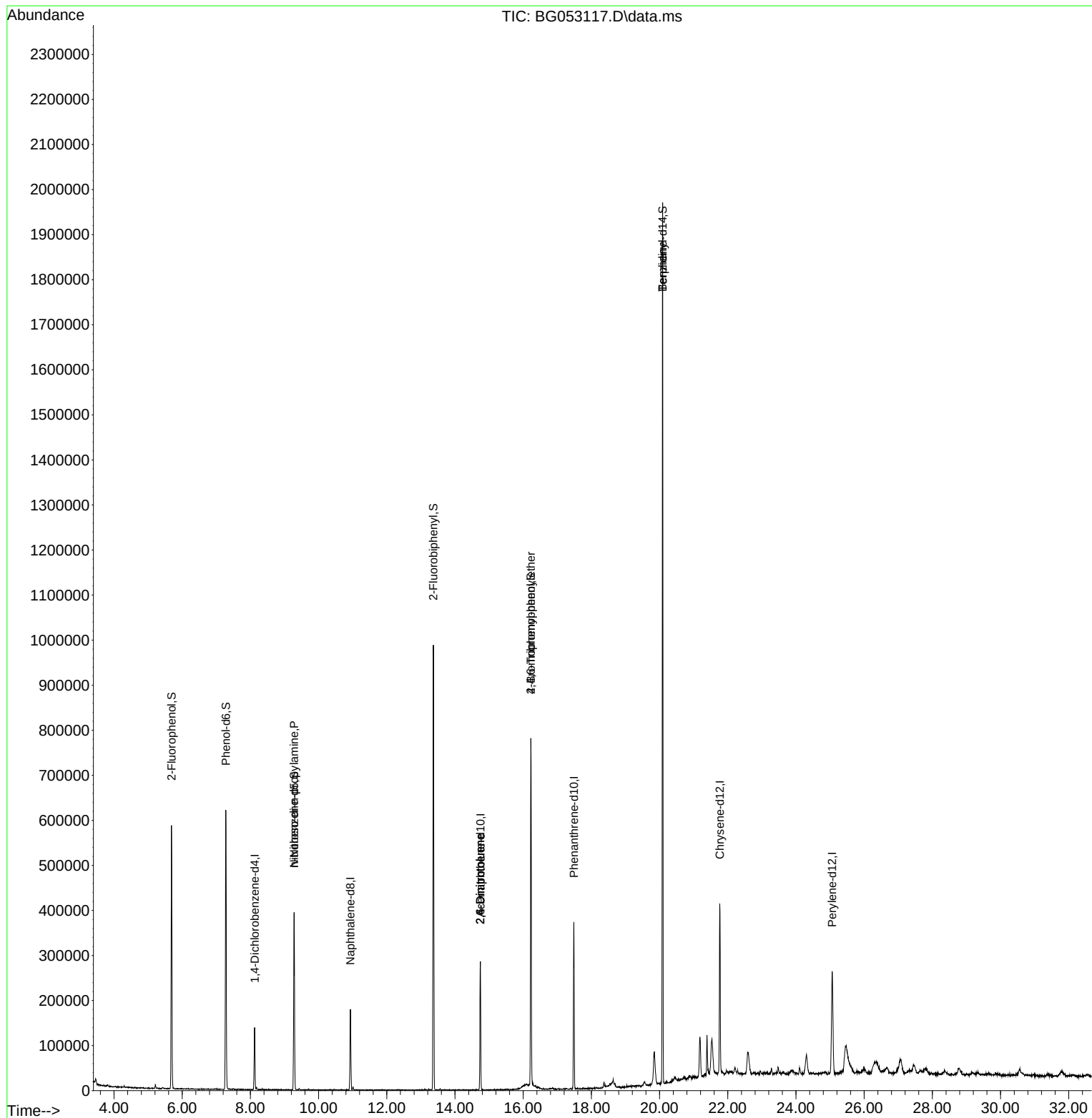
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.123	152	36967	20.000	ng	0.00
21) Naphthalene-d8	10.931	136	146197	20.000	ng	# 0.00
39) Acenaphthene-d10	14.744	164	103425	20.000	ng	0.00
64) Phenanthrene-d10	17.487	188	234105	20.000	ng	0.00
76) Chrysene-d12	21.764	240	245972	20.000	ng	-0.01
86) Perylene-d12	25.059	264	251185	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.686	112	233384	108.222	ng	0.00
7) Phenol-d6	7.277	99	346972	104.334	ng	0.00
23) Nitrobenzene-d5	9.281	82	243858	67.727	ng	0.00
42) 2,4,6-Tribromophenol	16.224	330	154242	93.738	ng	-0.01
45) 2-Fluorobiphenyl	13.363	172	539095	71.874	ng	0.00
79) Terphenyl-d14	20.090	244	984389	67.591	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.281	70	33710	13.846	ng	# 76
51) 2,6-Dinitrotoluene	14.738	165	13578	7.868	ng	# 26
57) 2,4-Dinitrotoluene	14.738	165	13578	5.526	ng	# 24
67) 4-Bromophenyl-phenylether	16.224	248	10527	3.509	ng	# 1
77) Benzidine	20.090	184	16985	2.420	ng	# 92

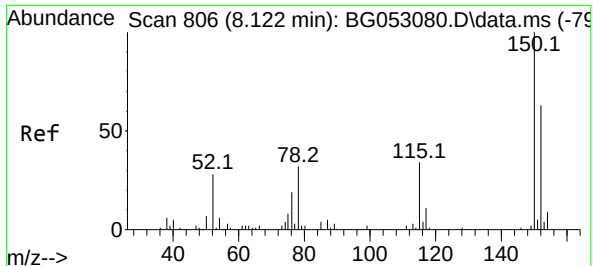
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041222\
Data File : BG053117.D
Acq On : 12 Apr 2022 13:23
Operator : CG/JU
Sample : N2340-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-07-COMP

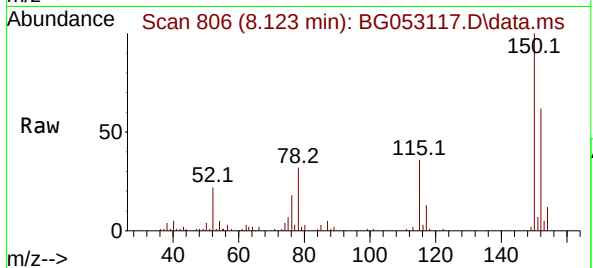
Quant Time: Apr 13 06:12:58 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 08 15:31:24 2022
Response via : Initial Calibration



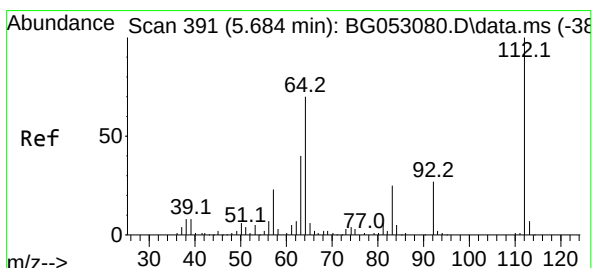
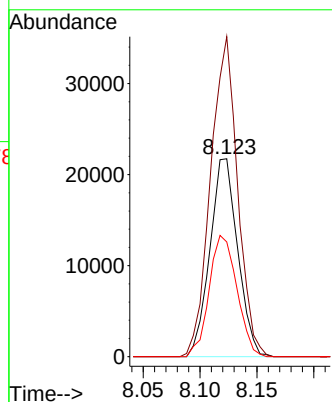
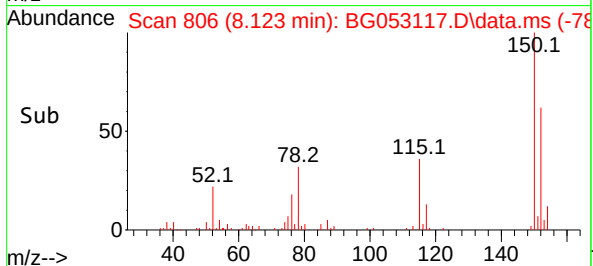


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.123 min Scan# 806
Delta R.T. 0.001 min
Lab File: BG053117.D
Acq: 12 Apr 2022 13:23

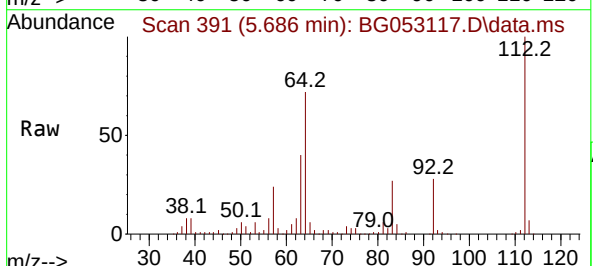
Instrument :
BNA_G
ClientSampleId :
SB-07-COMP



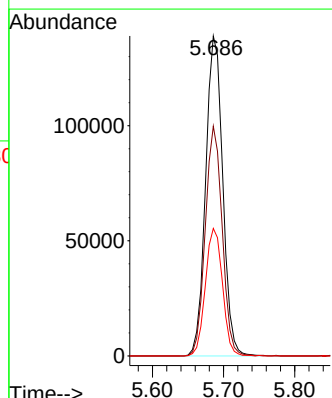
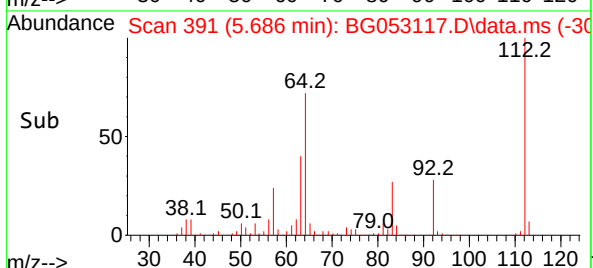
Tgt Ion:152 Resp: 36967
Ion Ratio Lower Upper
152 100
150 161.6 114.6 172.0
115 58.0 45.9 68.9

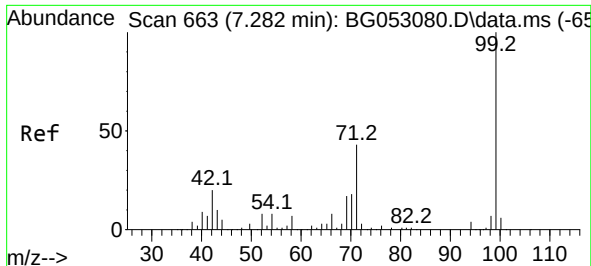


#5
2-Fluorophenol
Concen: 108.222 ng
RT: 5.686 min Scan# 391
Delta R.T. 0.002 min
Lab File: BG053117.D
Acq: 12 Apr 2022 13:23



Tgt Ion:112 Resp: 233384
Ion Ratio Lower Upper
112 100
64 71.8 48.0 72.0
63 39.8 26.5 39.7#

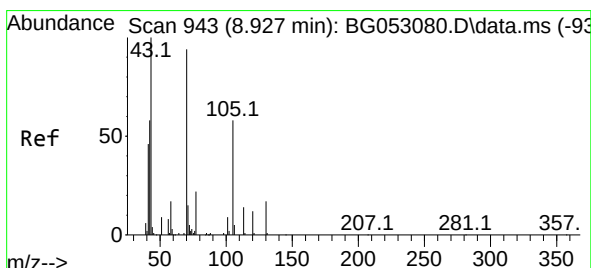
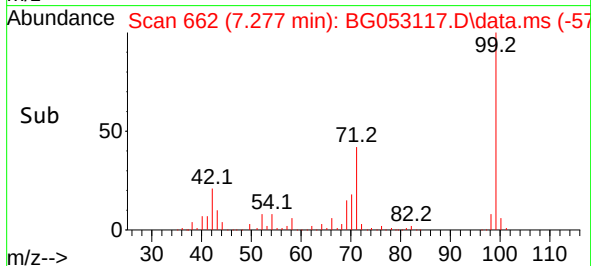
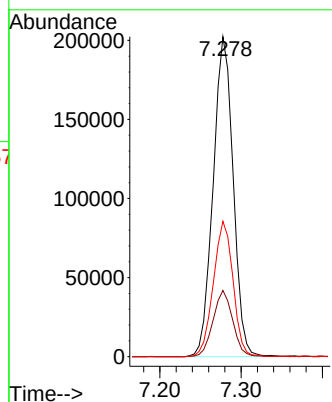
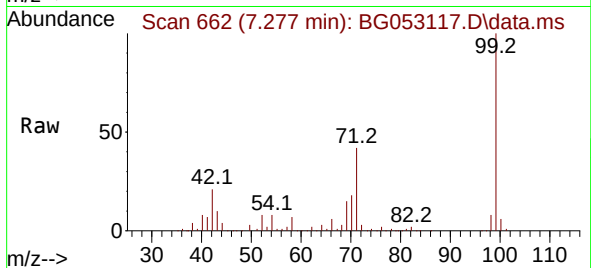




#7
Phenol-d6
Concen: 104.334 ng
RT: 7.277 min Scan# 60
Delta R.T. -0.004 min
Lab File: BG053117.D
Acq: 12 Apr 2022 13:23

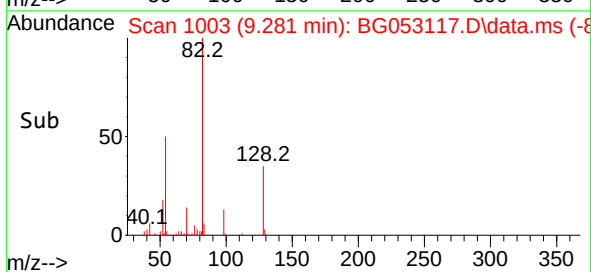
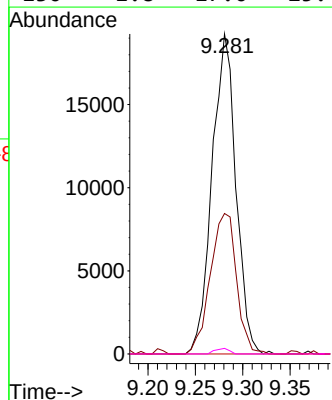
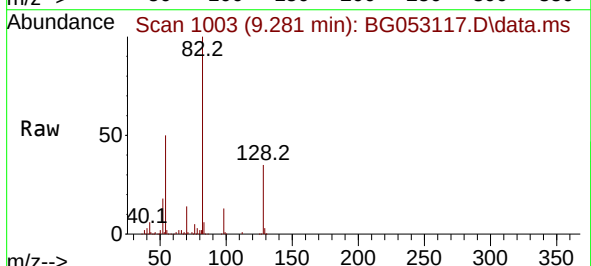
Instrument :
BNA_G
ClientSampleId :
SB-07-COMP

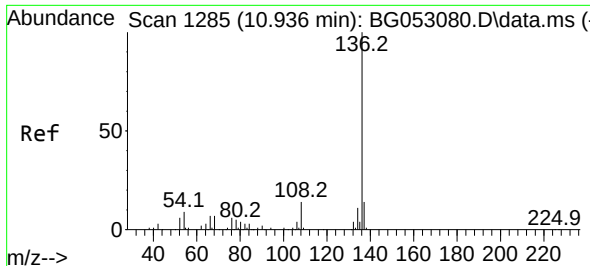
Tgt Ion: 99 Resp: 346972
Ion Ratio Lower Upper
99 100
42 20.7 14.7 22.1
71 42.3 29.2 43.8



#19
n-Nitroso-di-n-propylamine
Concen: 13.846 ng
RT: 9.281 min Scan# 1003
Delta R.T. 0.354 min
Lab File: BG053117.D
Acq: 12 Apr 2022 13:23

Tgt Ion: 70 Resp: 33710
Ion Ratio Lower Upper
70 100
42 43.9 46.0 69.0#
101 0.0 6.2 9.4#
130 1.8 17.0 25.4#

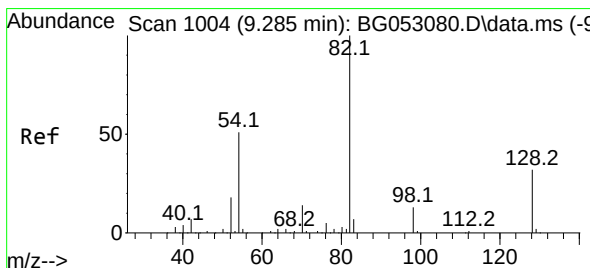
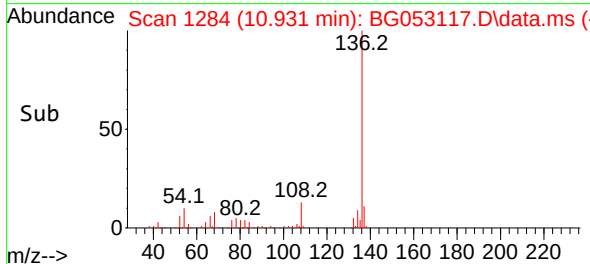
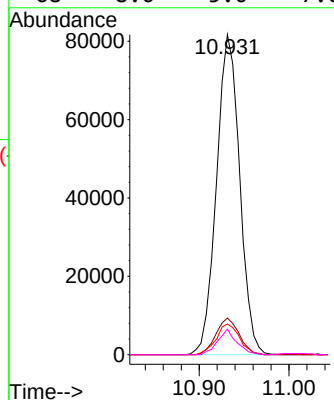
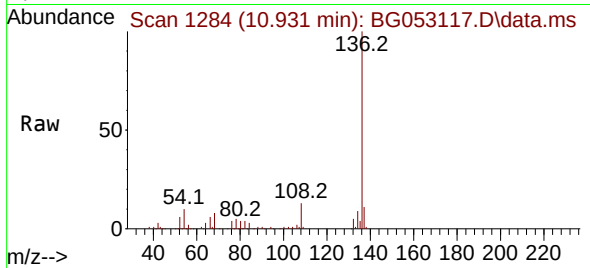




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.931 min Scan# 1003
Delta R.T. -0.005 min
Lab File: BG053117.D
Acq: 12 Apr 2022 13:23

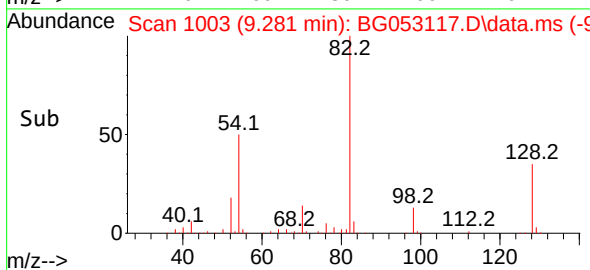
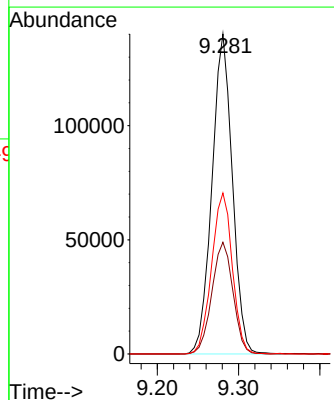
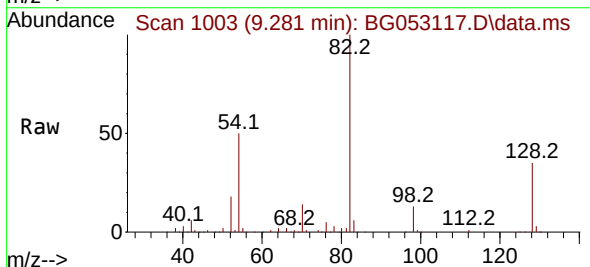
Instrument :
BNA_G
ClientSampleId :
SB-07-COMP

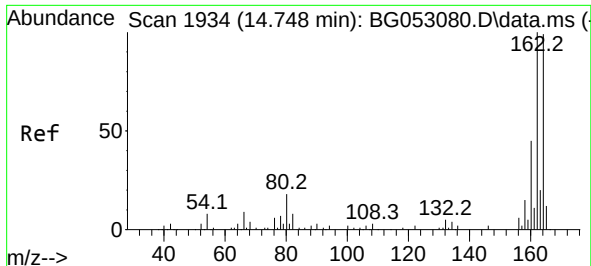
Tgt Ion:136 Resp: 146197
Ion Ratio Lower Upper
136 100
137 11.4 9.4 14.2
54 9.6 6.4 9.6#
68 8.0 5.0 7.6#



#23
Nitrobenzene-d5
Concen: 67.727 ng
RT: 9.281 min Scan# 1003
Delta R.T. -0.004 min
Lab File: BG053117.D
Acq: 12 Apr 2022 13:23

Tgt Ion: 82 Resp: 243858
Ion Ratio Lower Upper
82 100
128 34.9 31.3 46.9
54 50.3 37.8 56.8

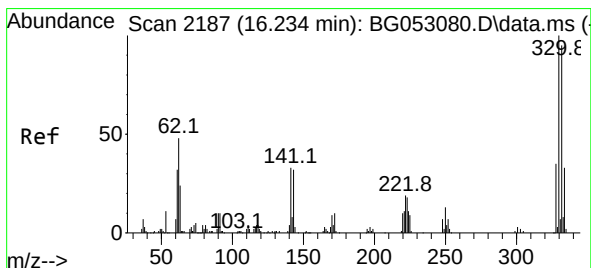
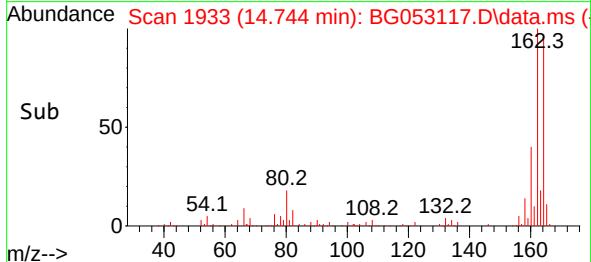
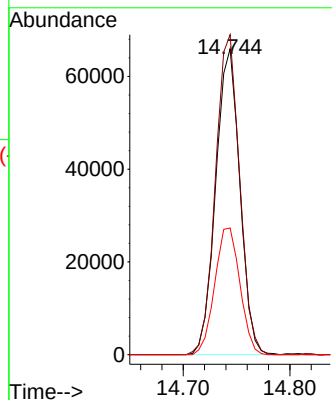
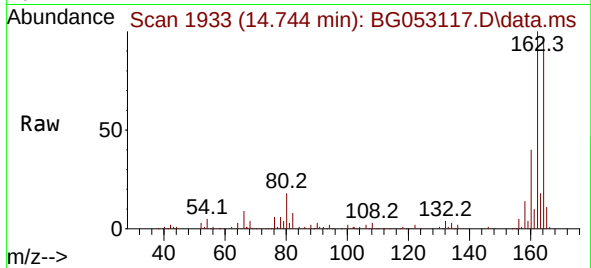




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.744 min Scan# 1933
Delta R.T. -0.004 min
Lab File: BG053117.D
Acq: 12 Apr 2022 13:23

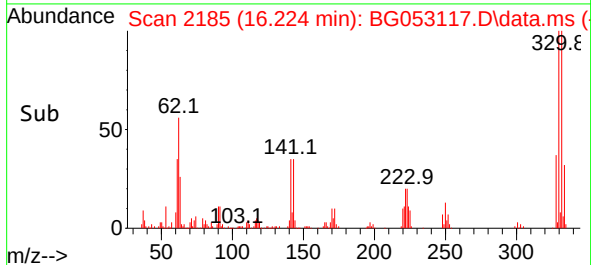
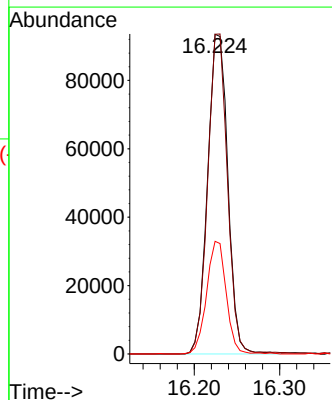
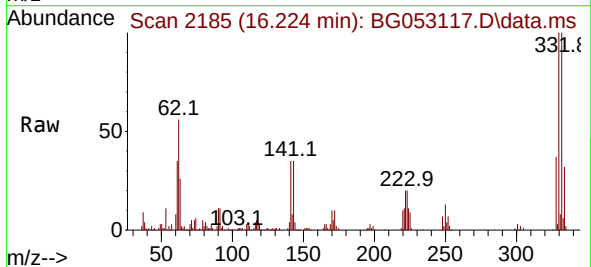
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ClientSampleId :
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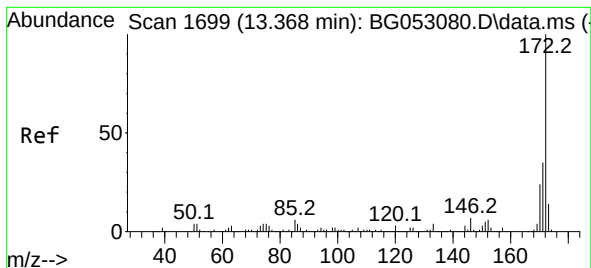
Tgt Ion:164 Resp: 103425
Ion Ratio Lower Upper
164 100
162 104.6 80.0 120.0
160 41.4 38.8 58.2



#42
2,4,6-Tribromophenol
Concen: 93.738 ng
RT: 16.224 min Scan# 2185
Delta R.T. -0.010 min
Lab File: BG053117.D
Acq: 12 Apr 2022 13:23

Tgt Ion:330 Resp: 154242
Ion Ratio Lower Upper
330 100
332 96.8 75.8 113.6
141 34.3 24.6 36.8

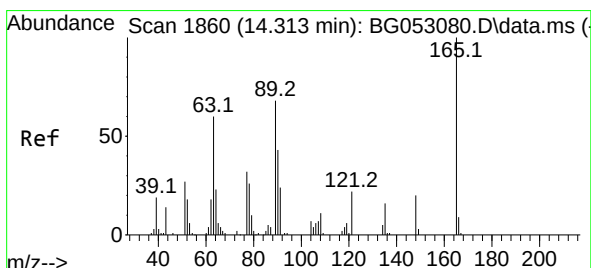
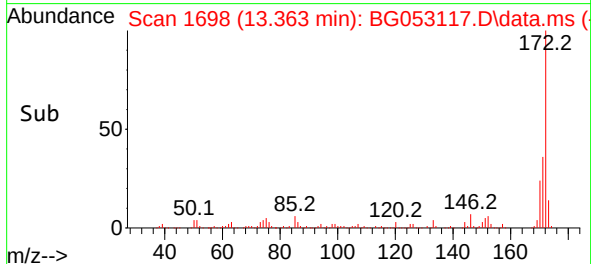
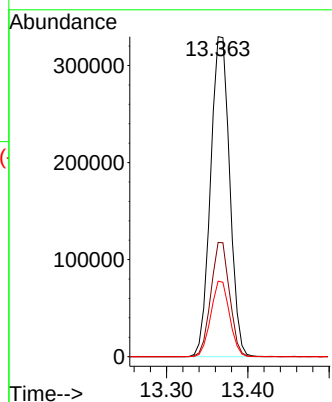
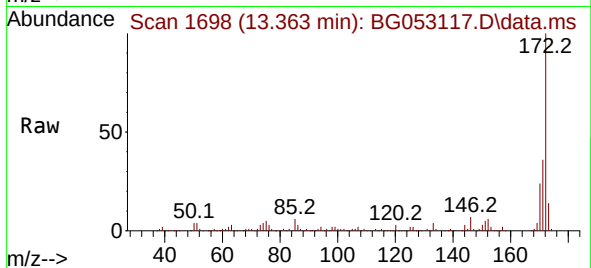




#45
2-Fluorobiphenyl
Concen: 71.874 ng
RT: 13.363 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG053117.D
Acq: 12 Apr 2022 13:23

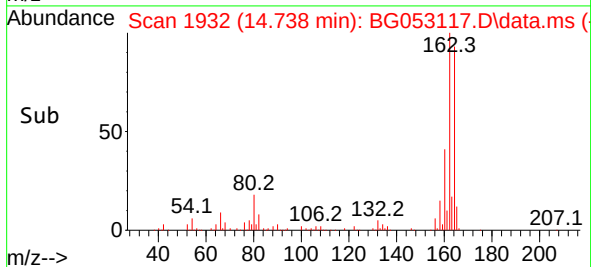
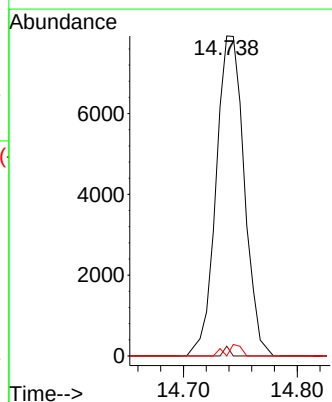
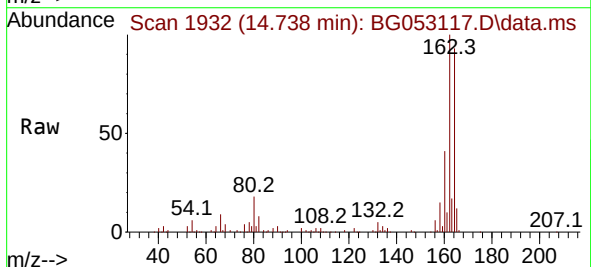
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ClientSampleId :
SB-07-COMP

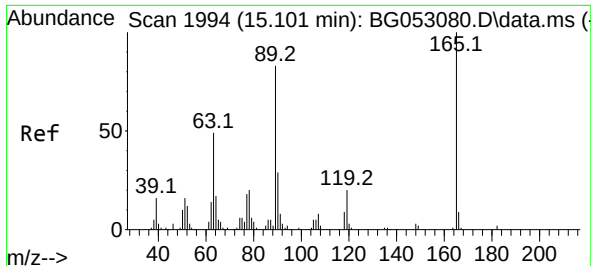
Tgt Ion:172 Resp: 539095
Ion Ratio Lower Upper
172 100
171 35.7 28.3 42.5
170 23.6 18.0 27.0



#51
2,6-Dinitrotoluene
Concen: 7.868 ng
RT: 14.738 min Scan# 1932
Delta R.T. 0.424 min
Lab File: BG053117.D
Acq: 12 Apr 2022 13:23

Tgt Ion:165 Resp: 13578
Ion Ratio Lower Upper
165 100
63 3.0 43.7 65.5#
89 0.0 45.0 67.4#





#57

2,4-Dinitrotoluene

Concen: 5.526 ng

RT: 14.738 min Scan# 1994

Delta R.T. -0.363 min

Lab File: BG053117.D

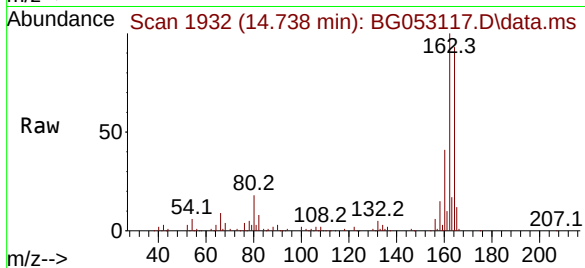
Acq: 12 Apr 2022 13:23

Instrument :

BNA_G

ClientSampleId :

SB-07-COMP



Tgt Ion:165 Resp: 13578

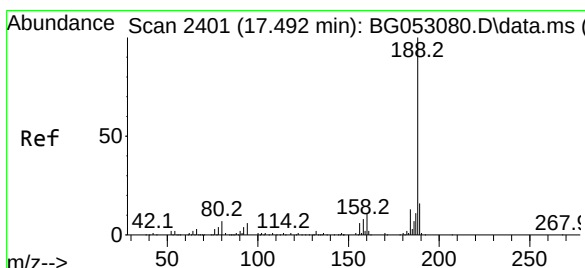
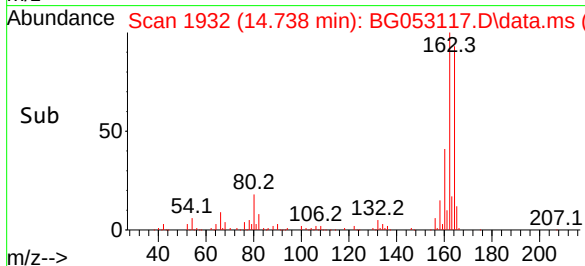
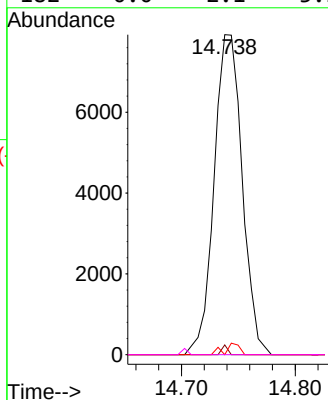
Ion Ratio Lower Upper

165 100

63 3.0 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: 17.487 min Scan# 2400

Delta R.T. -0.004 min

Lab File: BG053117.D

Acq: 12 Apr 2022 13:23

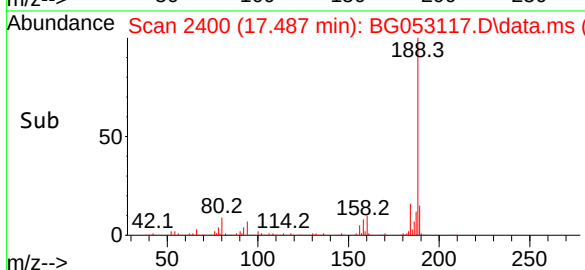
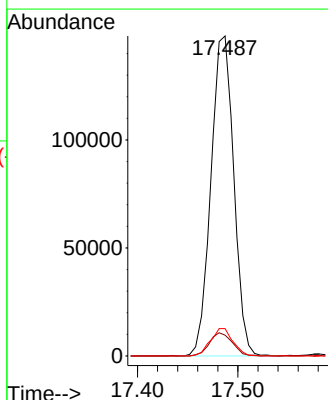
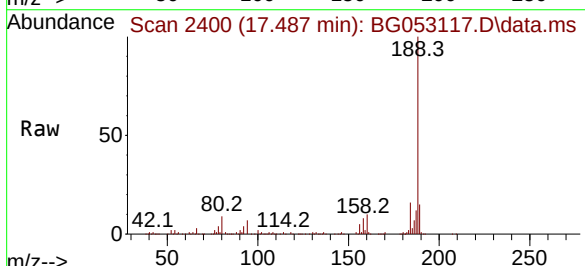
Tgt Ion:188 Resp: 234105

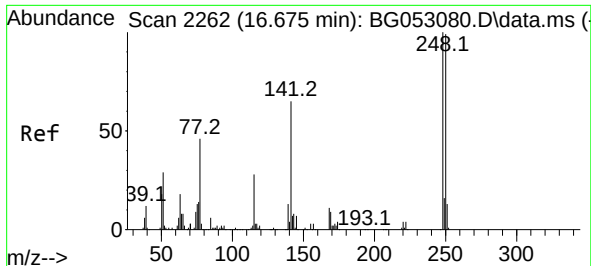
Ion Ratio Lower Upper

188 100

94 6.5 5.7 8.5

80 8.6 7.2 10.8





#67
4-Bromophenyl-phenylether
Concen: 3.509 ng
RT: 16.224 min Scan# 2185
Delta R.T. -0.451 min
Lab File: BG053117.D
Acq: 12 Apr 2022 13:23

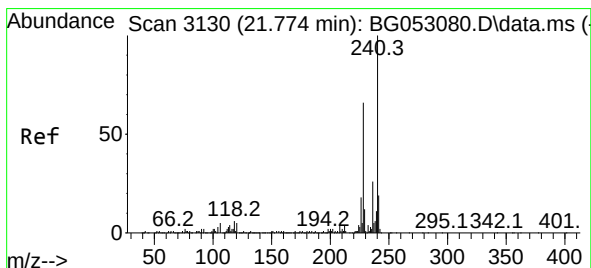
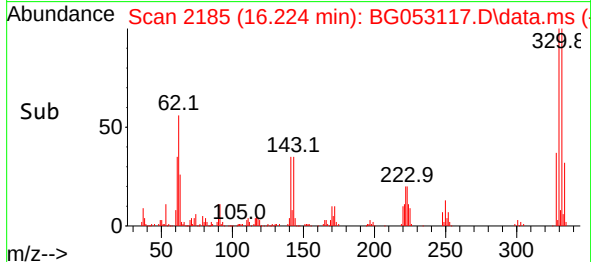
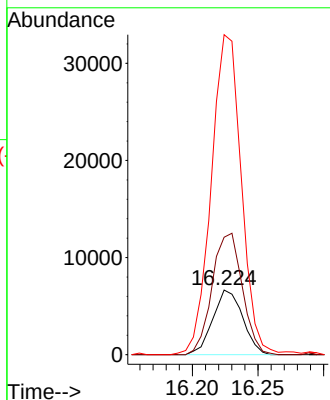
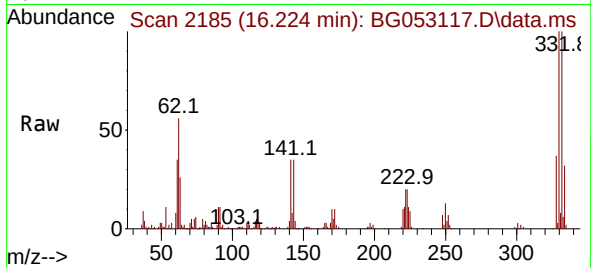
Instrument :

BNA_G

ClientSampleId :

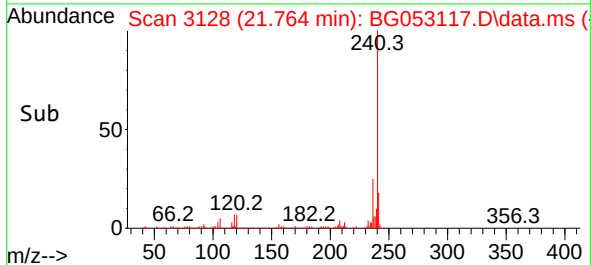
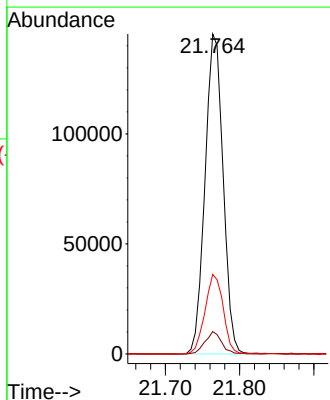
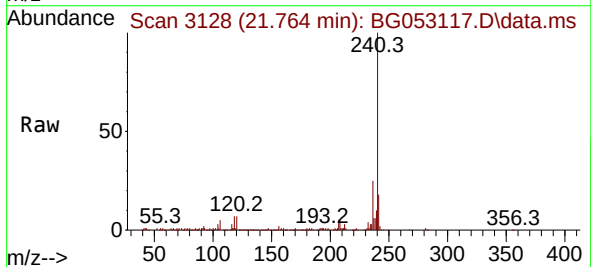
SB-07-COMP

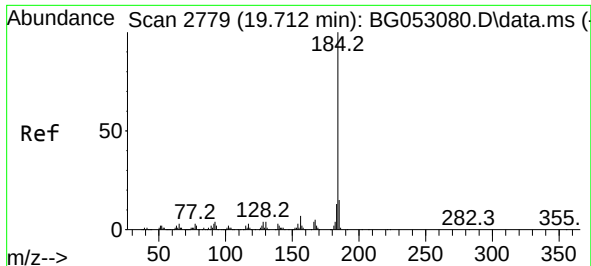
Tgt Ion:248 Resp: 10527
Ion Ratio Lower Upper
248 100
250 181.8 77.9 116.9#
141 495.6 49.2 73.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.764 min Scan# 3128
Delta R.T. -0.010 min
Lab File: BG053117.D
Acq: 12 Apr 2022 13:23

Tgt Ion:240 Resp: 245972
Ion Ratio Lower Upper
240 100
120 7.0 5.4 8.0
236 24.8 19.8 29.6

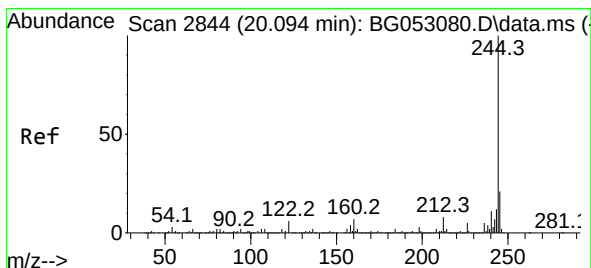
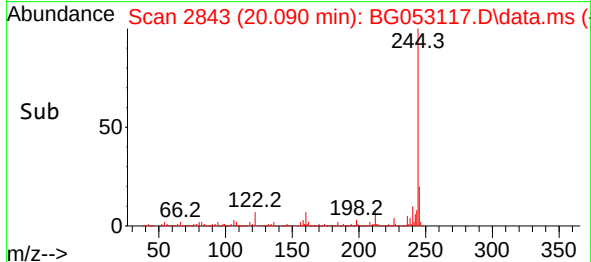
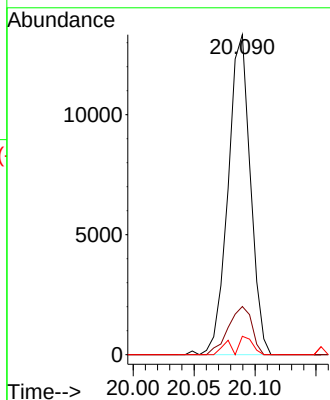
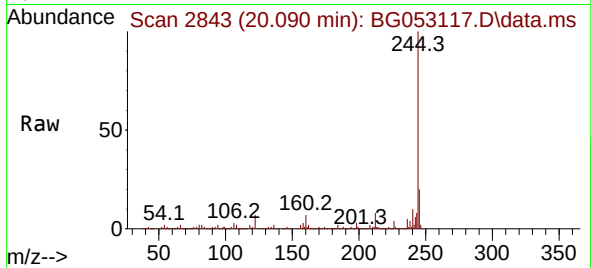




#77
Benzidine
Concen: 2.420 ng
RT: 20.090 min Scan# 2843
Delta R.T. 0.378 min
Lab File: BG053117.D
Acq: 12 Apr 2022 13:23

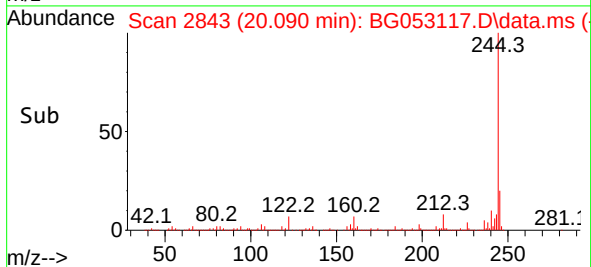
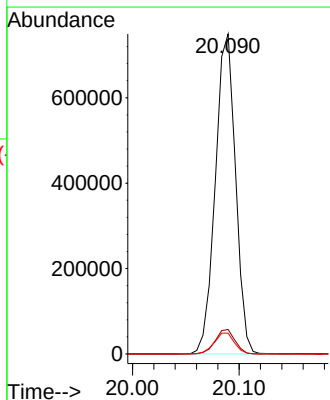
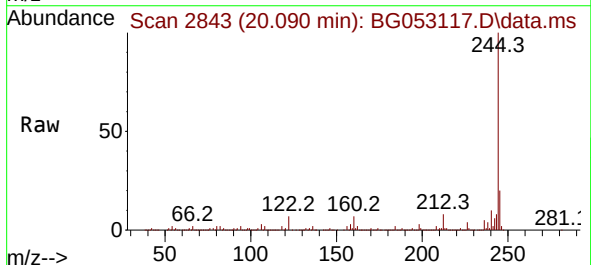
Instrument :
BNA_G
ClientSampleId :
SB-07-COMP

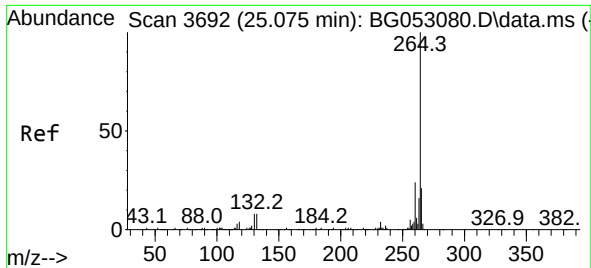
Tgt Ion:184 Resp: 16985
Ion Ratio Lower Upper
184 100
185 15.0 11.5 17.3
183 5.7 9.4 14.2#



#79
Terphenyl-d14
Concen: 67.591 ng
RT: 20.090 min Scan# 2843
Delta R.T. -0.004 min
Lab File: BG053117.D
Acq: 12 Apr 2022 13:23

Tgt Ion:244 Resp: 984389
Ion Ratio Lower Upper
244 100
212 7.7 5.4 8.2
122 6.5 5.8 8.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.059 min Scan# 30
 Delta R.T. -0.016 min
 Lab File: BG053117.D
 Acq: 12 Apr 2022 13:23

Instrument :
 BNA_G
 ClientSampleId :
 SB-07-COMP

Tgt Ion:264 Resp: 251185
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.2 27.2
 265 21.5 15.1 22.7

