

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041122\
 Data File : BG053102.D
 Acq On : 11 Apr 2022 15:38
 Operator : CG/JU
 Sample : N2340-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-04-COMP

Quant Time: Apr 12 06:07:48 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)

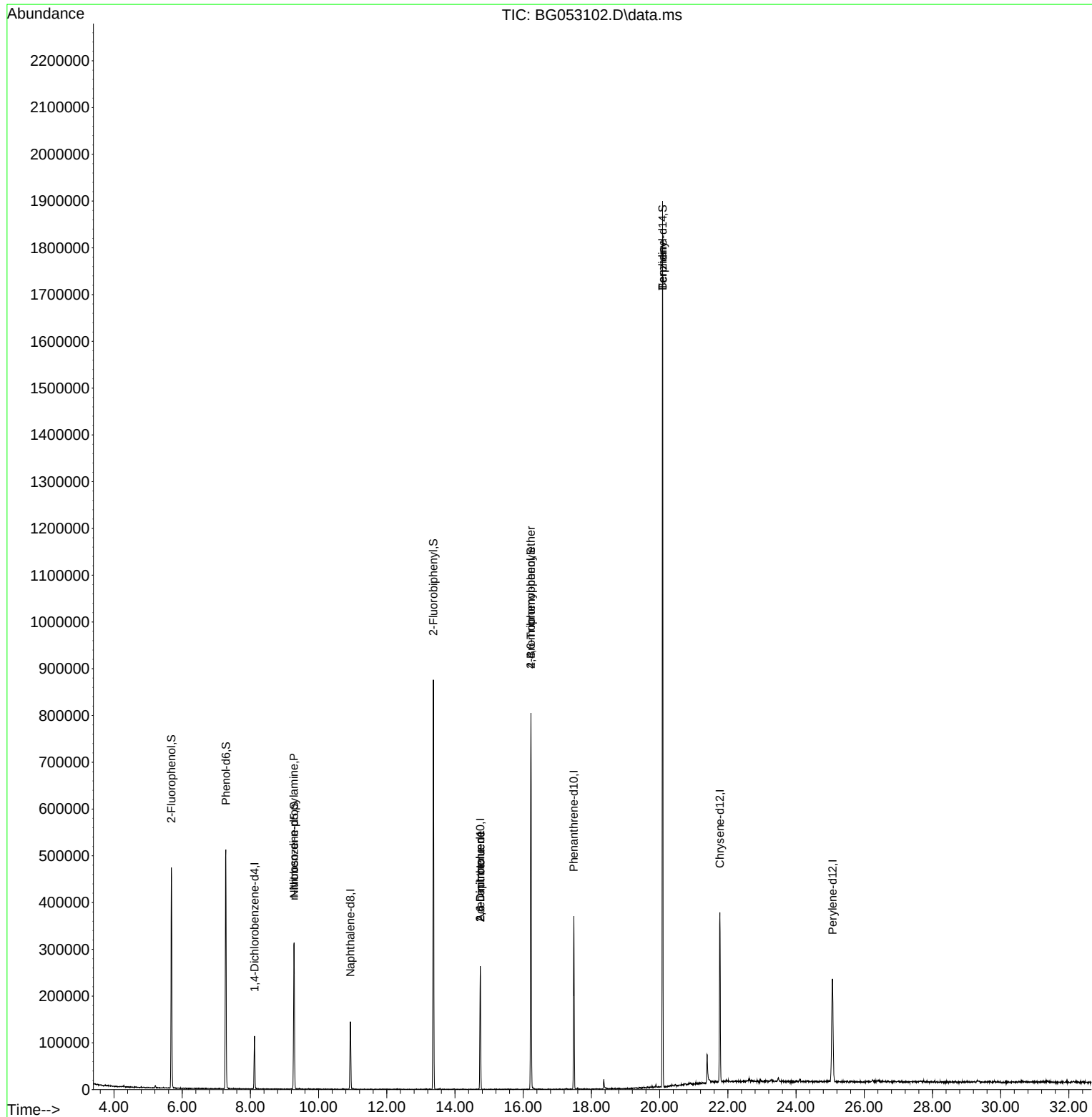
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.120	152	30281	20.000	ng	# 0.00
21) Naphthalene-d8	10.934	136	121887	20.000	ng	0.00
39) Acenaphthene-d10	14.741	164	95108	20.000	ng	0.00
64) Phenanthrene-d10	17.484	188	231177	20.000	ng	0.00
76) Chrysene-d12	21.766	240	246214	20.000	ng	0.00
86) Perylene-d12	25.068	264	249866	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.682	112	193619	109.606	ng	0.00
7) Phenol-d6	7.280	99	285394	104.765	ng	0.00
23) Nitrobenzene-d5	9.283	82	200669	66.848	ng	0.00
42) 2,4,6-Tribromophenol	16.227	330	158834	104.970	ng	0.00
45) 2-Fluorobiphenyl	13.366	172	460069	66.702	ng	0.00
79) Terphenyl-d14	20.086	244	930421	63.822	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.277	70	27959	14.019	ng	# 75
51) 2,6-Dinitrotoluene	14.741	165	12783	8.055	ng	# 25
57) 2,4-Dinitrotoluene	14.741	165	12783	5.658	ng	# 24
67) 4-Bromophenyl-phenylether	16.227	248	10463	3.532	ng	# 1
77) Benzidine	20.086	184	16047	2.284	ng	# 94

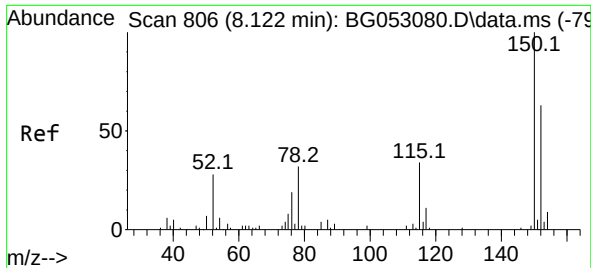
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041122\
Data File : BG053102.D
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Operator : CG/JU
Sample : N2340-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-04-COMP

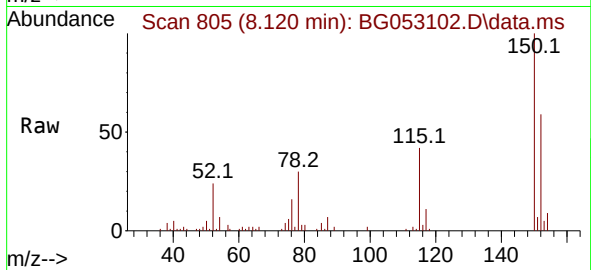
Quant Time: Apr 12 06:07:48 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 08 15:31:24 2022
Response via : Initial Calibration



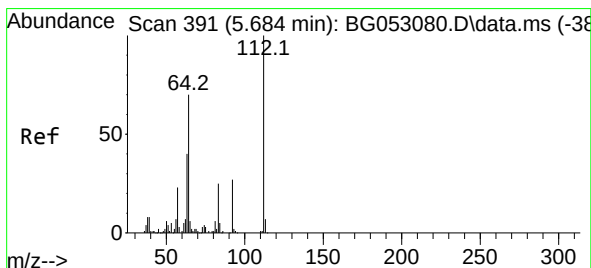
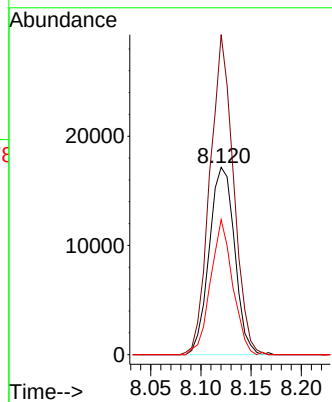
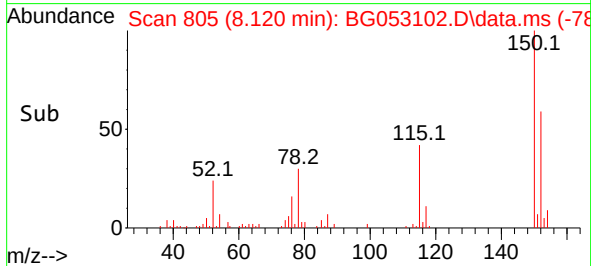


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.120 min Scan# 806
Delta R.T. -0.002 min
Lab File: BG053102.D
Acq: 11 Apr 2022 15:38

Instrument :
BNA_G
ClientSampleId :
SB-04-COMP

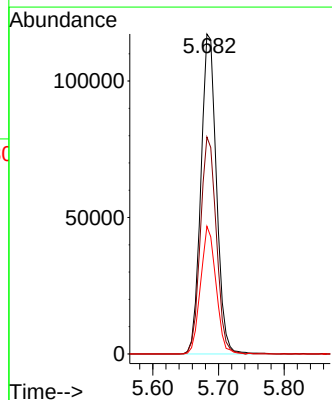
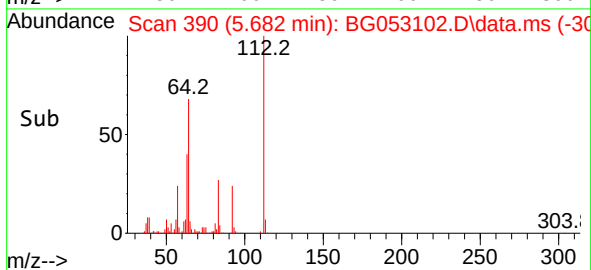
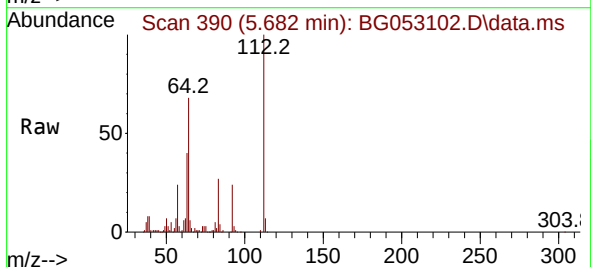


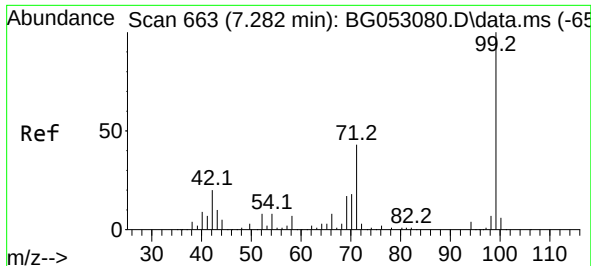
Tgt Ion:152 Resp: 30281
Ion Ratio Lower Upper
152 100
150 170.8 114.6 172.0
115 72.1 45.9 68.9#



#5
2-Fluorophenol
Concen: 109.606 ng
RT: 5.682 min Scan# 390
Delta R.T. -0.002 min
Lab File: BG053102.D
Acq: 11 Apr 2022 15:38

Tgt Ion:112 Resp: 193619
Ion Ratio Lower Upper
112 100
64 67.8 48.0 72.0
63 39.9 26.5 39.7#

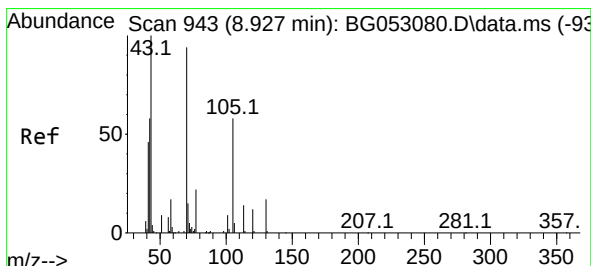
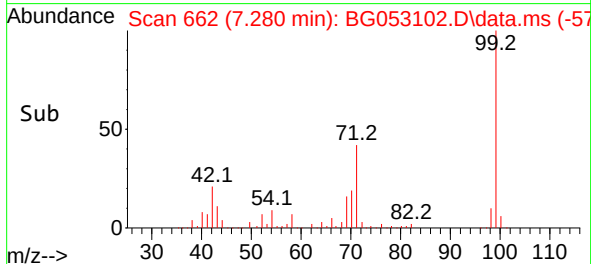
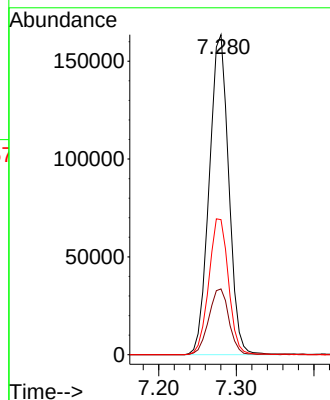
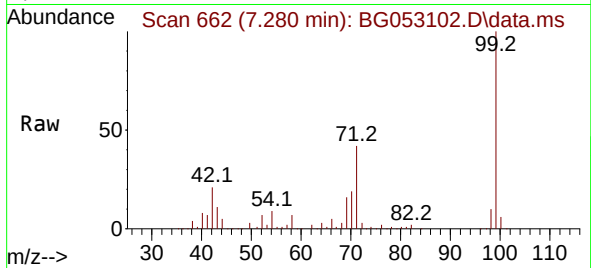




#7
Phenol-d6
Concen: 104.765 ng
RT: 7.280 min Scan# 60
Delta R.T. -0.002 min
Lab File: BG053102.D
Acq: 11 Apr 2022 15:38

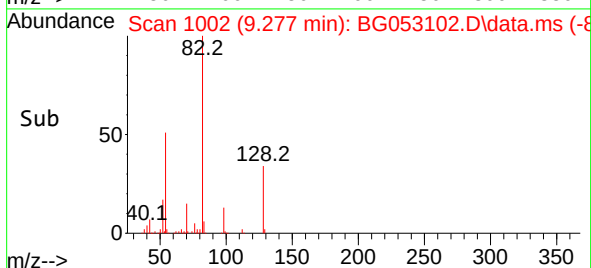
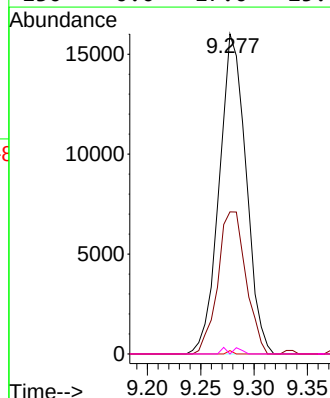
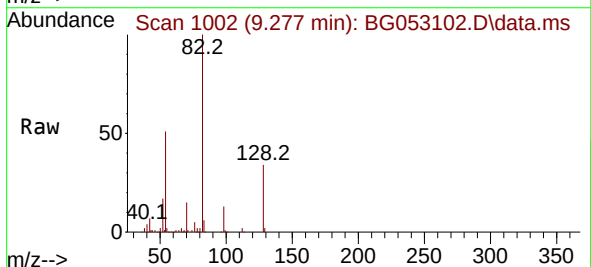
Instrument :
BNA_G
ClientSampleId :
SB-04-COMP

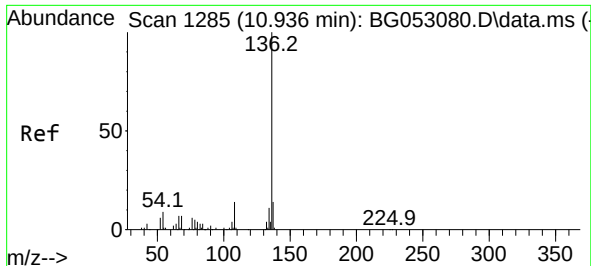
Tgt Ion: 99 Resp: 285394
Ion Ratio Lower Upper
99 100
42 20.6 14.7 22.1
71 42.2 29.2 43.8



#19
n-Nitroso-di-n-propylamine
Concen: 14.019 ng
RT: 9.277 min Scan# 1002
Delta R.T. 0.351 min
Lab File: BG053102.D
Acq: 11 Apr 2022 15:38

Tgt Ion: 70 Resp: 27959
Ion Ratio Lower Upper
70 100
42 44.4 46.0 69.0#
101 1.0 6.2 9.4#
130 0.0 17.0 25.4#

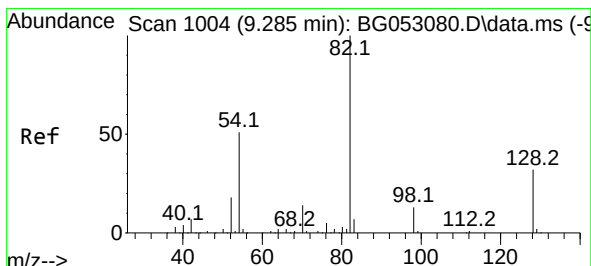
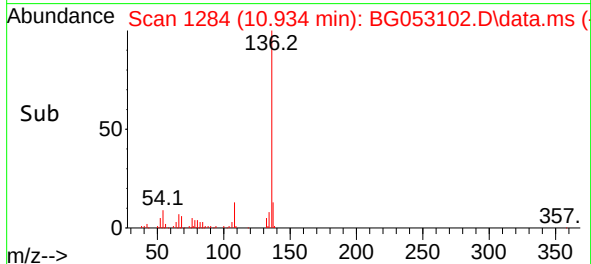
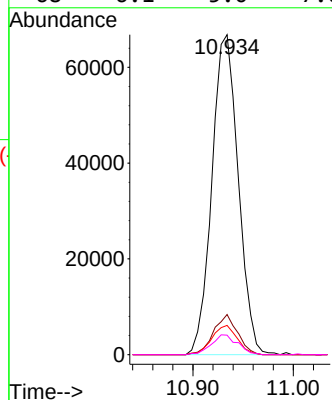
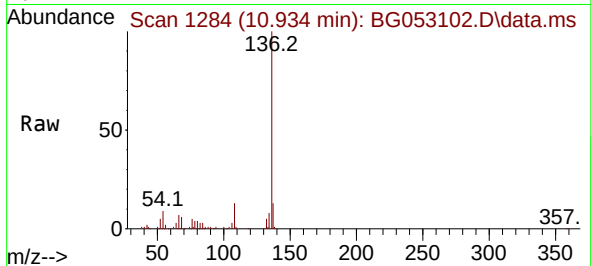




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.934 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG053102.D
Acq: 11 Apr 2022 15:38

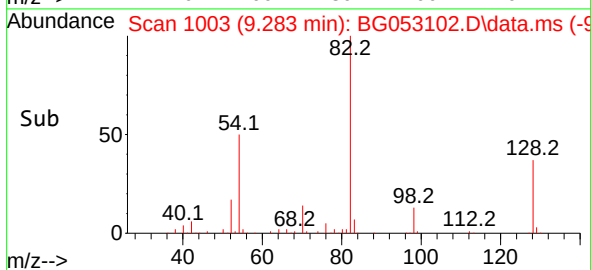
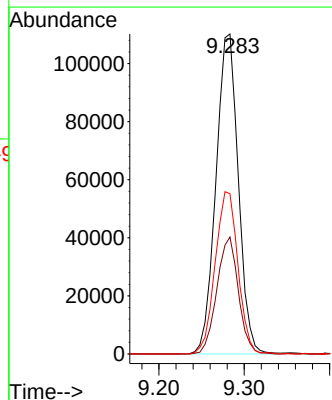
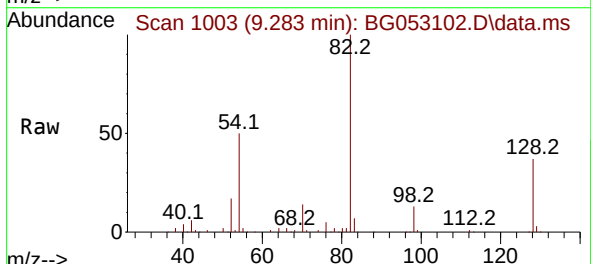
Instrument :
BNA_G
ClientSampleId :
SB-04-COMP

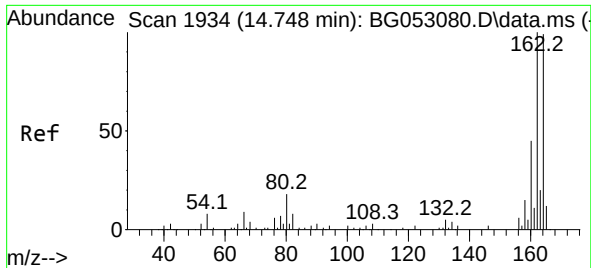
Tgt Ion:136 Resp: 121887
Ion Ratio Lower Upper
136 100
137 12.6 9.4 14.2
54 9.2 6.4 9.6
68 6.1 5.0 7.6



#23
Nitrobenzene-d5
Concen: 66.848 ng
RT: 9.283 min Scan# 1003
Delta R.T. -0.002 min
Lab File: BG053102.D
Acq: 11 Apr 2022 15:38

Tgt Ion: 82 Resp: 200669
Ion Ratio Lower Upper
82 100
128 36.5 31.3 46.9
54 50.1 37.8 56.8

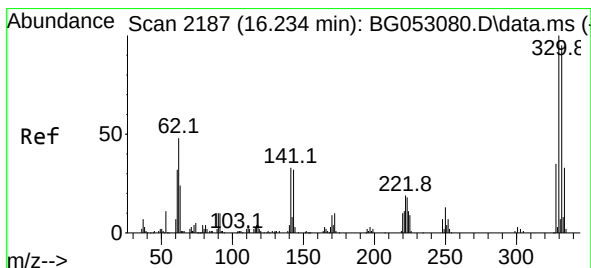
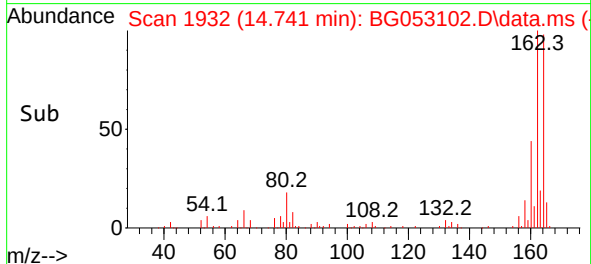
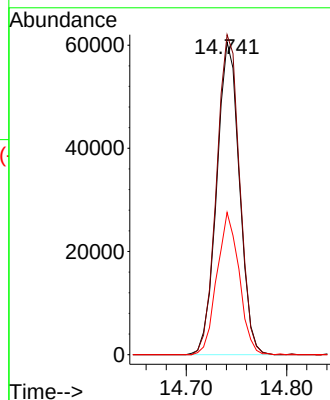
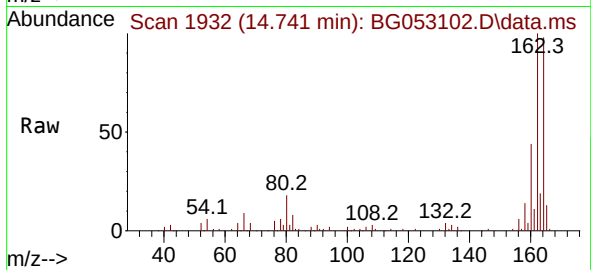




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.741 min Scan# 1934
Delta R.T. -0.008 min
Lab File: BG053102.D
Acq: 11 Apr 2022 15:38

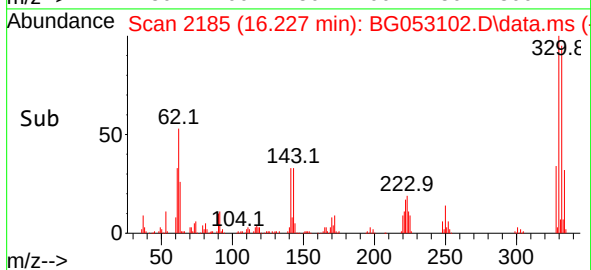
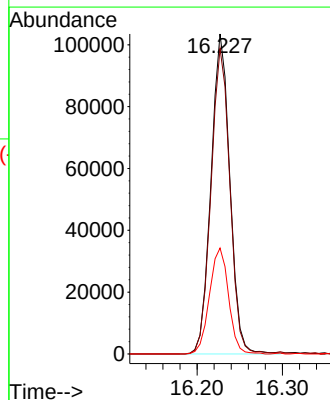
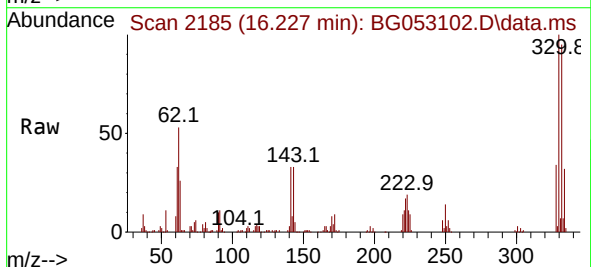
Instrument :
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ClientSampleId :
SB-04-COMP

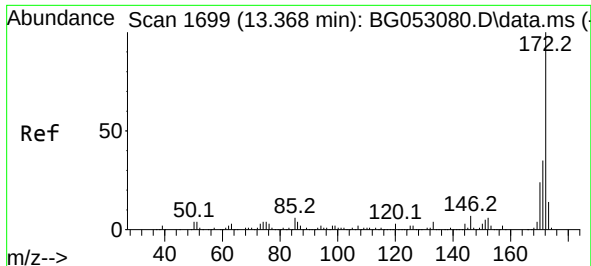
Tgt Ion:164 Resp: 95108
Ion Ratio Lower Upper
164 100
162 102.3 80.0 120.0
160 45.5 38.8 58.2



#42
2,4,6-Tribromophenol
Concen: 104.970 ng
RT: 16.227 min Scan# 2185
Delta R.T. -0.008 min
Lab File: BG053102.D
Acq: 11 Apr 2022 15:38

Tgt Ion:330 Resp: 158834
Ion Ratio Lower Upper
330 100
332 95.7 75.8 113.6
141 33.5 24.6 36.8

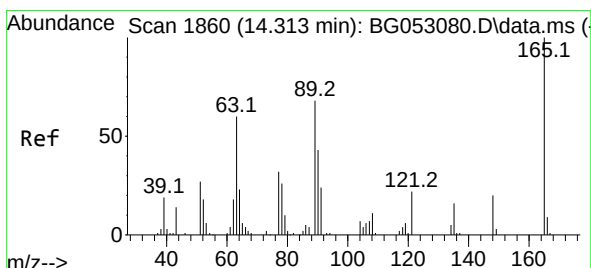
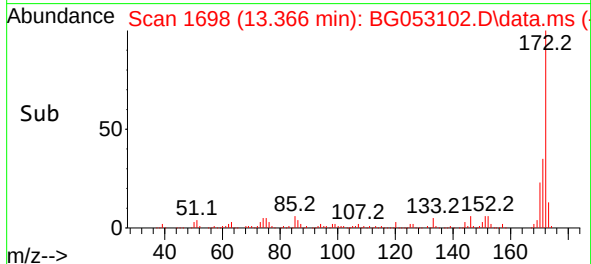
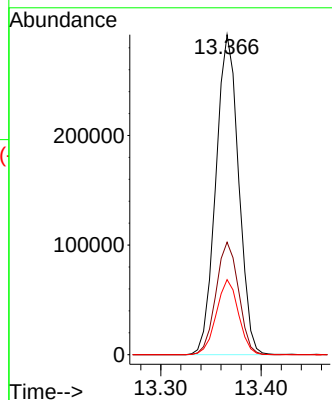
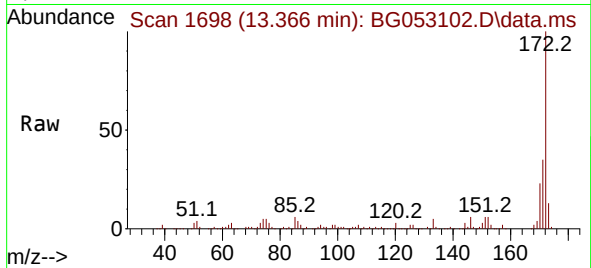




#45
2-Fluorobiphenyl
Concen: 66.702 ng
RT: 13.366 min Scan# 1
Delta R.T. -0.002 min
Lab File: BG053102.D
Acq: 11 Apr 2022 15:38

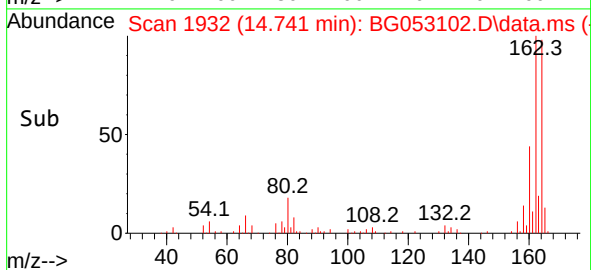
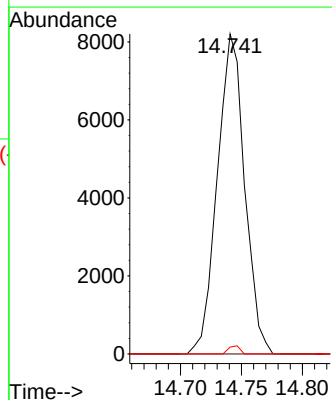
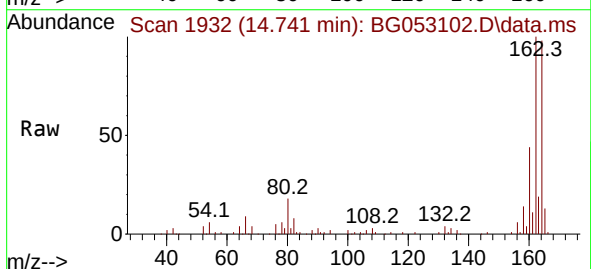
Instrument :
BNA_G
ClientSampleId :
SB-04-COMP

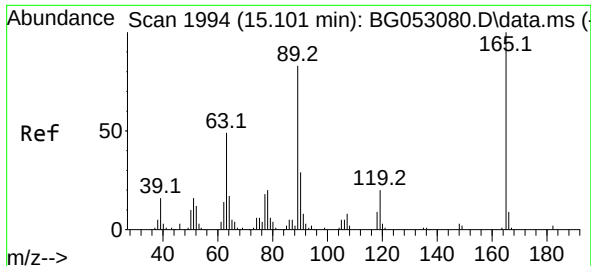
Tgt Ion:172 Resp: 460069
Ion Ratio Lower Upper
172 100
171 35.2 28.3 42.5
170 23.5 18.0 27.0



#51
2,6-Dinitrotoluene
Concen: 8.055 ng
RT: 14.741 min Scan# 1932
Delta R.T. 0.427 min
Lab File: BG053102.D
Acq: 11 Apr 2022 15:38

Tgt Ion:165 Resp: 12783
Ion Ratio Lower Upper
165 100
63 0.0 43.7 65.5#
89 2.1 45.0 67.4#





#57

2,4-Dinitrotoluene

Concen: 5.658 ng

RT: 14.741 min Scan# 1994

Delta R.T. -0.360 min

Lab File: BG053102.D

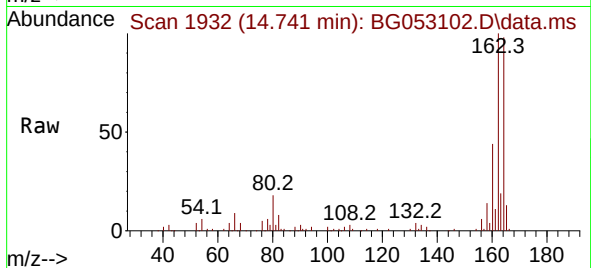
Acq: 11 Apr 2022 15:38

Instrument :

BNA_G

ClientSampleId :

SB-04-COMP



Tgt Ion:165 Resp: 12783

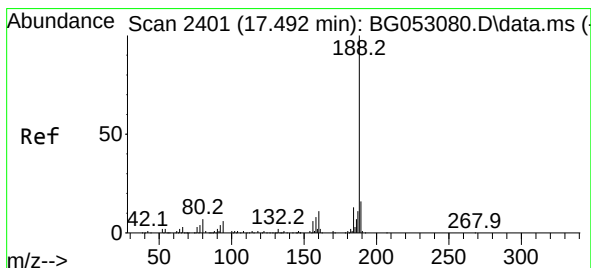
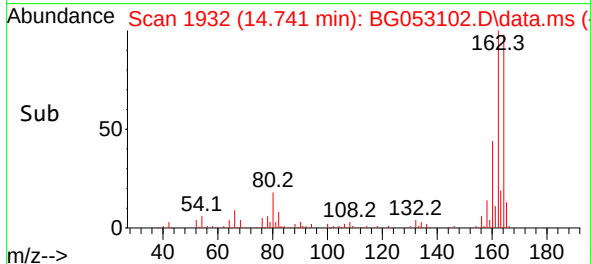
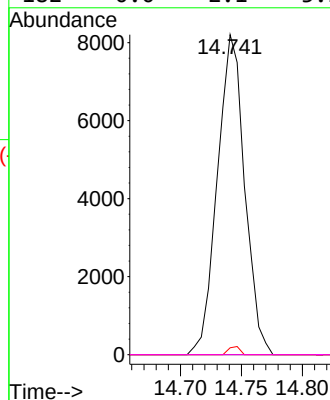
Ion Ratio Lower Upper

165 100

63 0.0 34.8 52.2#

89 2.1 57.4 86.0#

182 0.0 2.1 3.1#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.484 min Scan# 2399

Delta R.T. -0.008 min

Lab File: BG053102.D

Acq: 11 Apr 2022 15:38

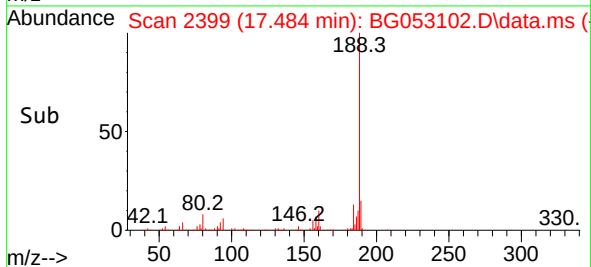
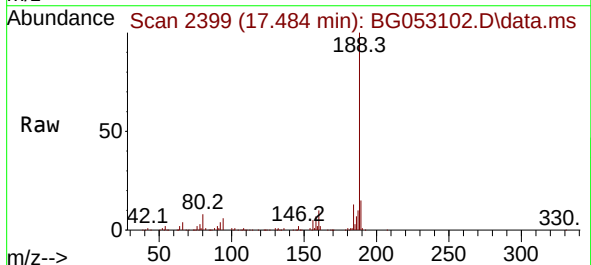
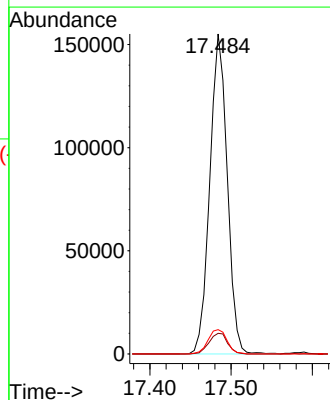
Tgt Ion:188 Resp: 231177

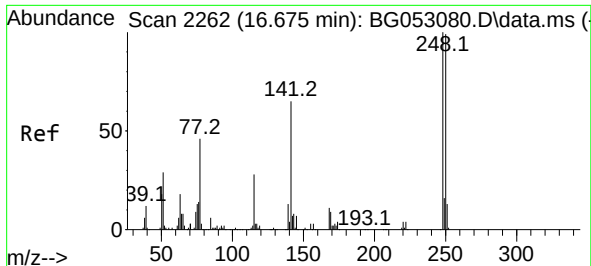
Ion Ratio Lower Upper

188 100

94 6.4 5.7 8.5

80 7.6 7.2 10.8

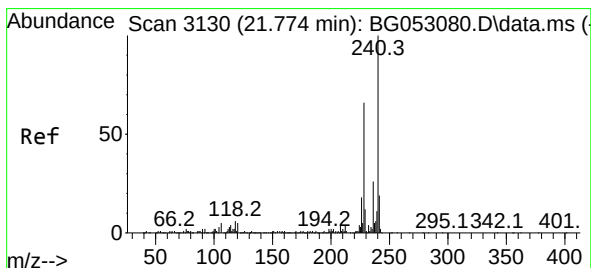
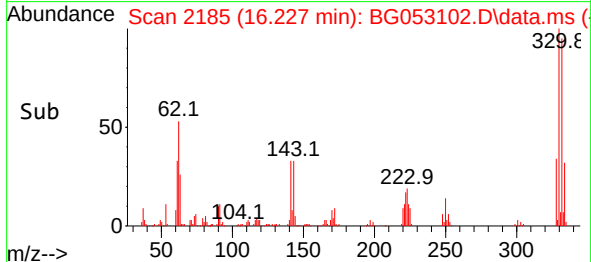
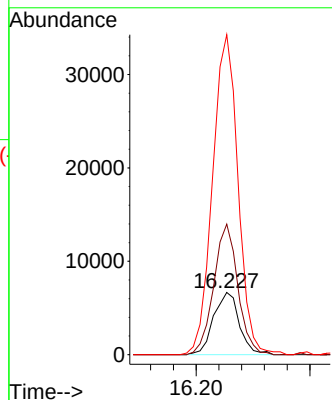
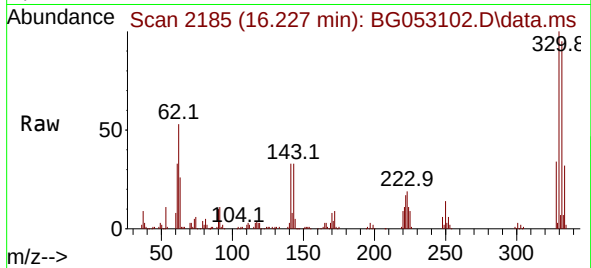




#67
4-Bromophenyl-phenylether
Concen: 3.532 ng
RT: 16.227 min Scan# 2185
Delta R.T. -0.448 min
Lab File: BG053102.D
Acq: 11 Apr 2022 15:38

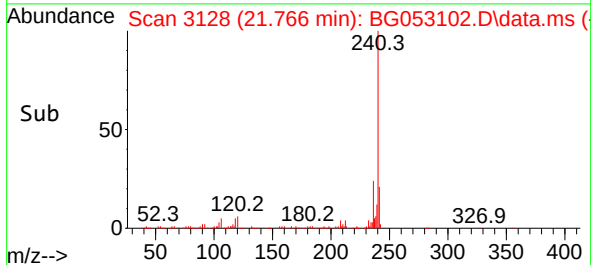
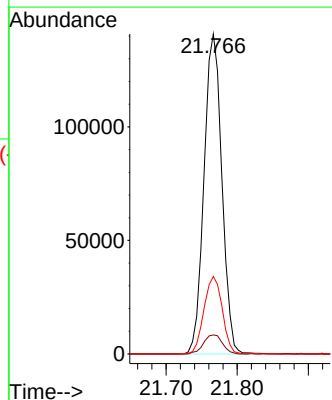
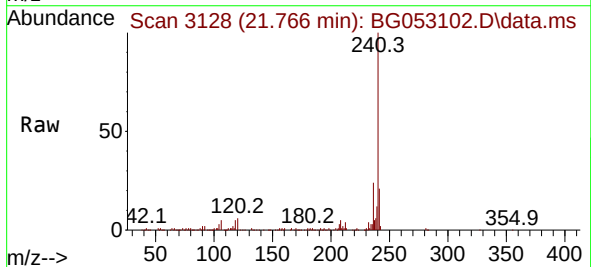
Instrument :
BNA_G
ClientSampleId :
SB-04-COMP

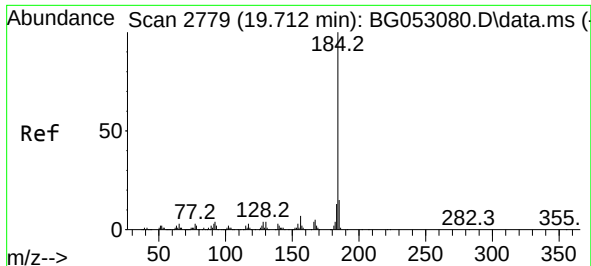
Tgt Ion:248 Resp: 10463
Ion Ratio Lower Upper
248 100
250 209.7 77.9 116.9#
141 514.1 49.2 73.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.766 min Scan# 3128
Delta R.T. -0.008 min
Lab File: BG053102.D
Acq: 11 Apr 2022 15:38

Tgt Ion:240 Resp: 246214
Ion Ratio Lower Upper
240 100
120 6.0 5.4 8.0
236 24.2 19.8 29.6

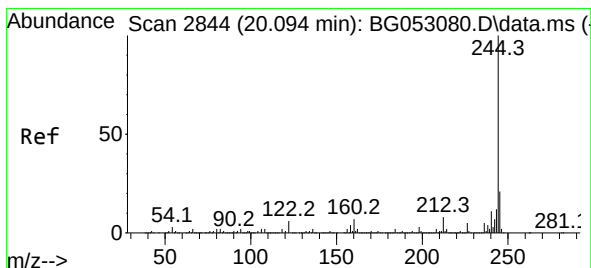
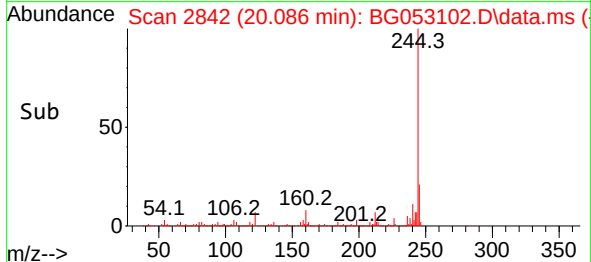
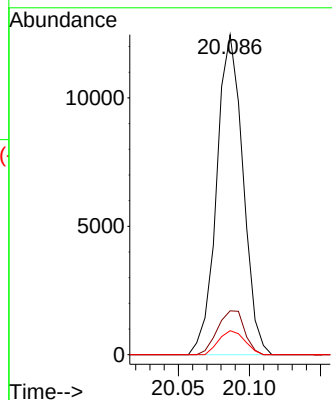
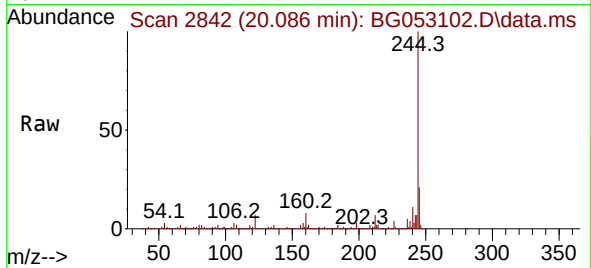




#77
Benzidine
Concen: 2.284 ng
RT: 20.086 min Scan# 2842
Delta R.T. 0.374 min
Lab File: BG053102.D
Acq: 11 Apr 2022 15:38

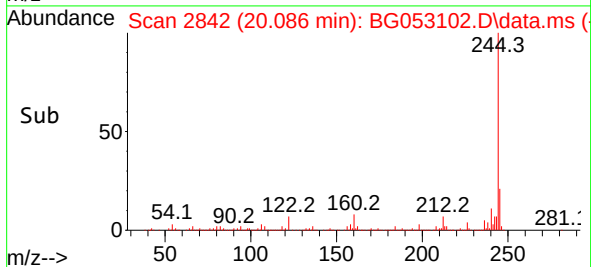
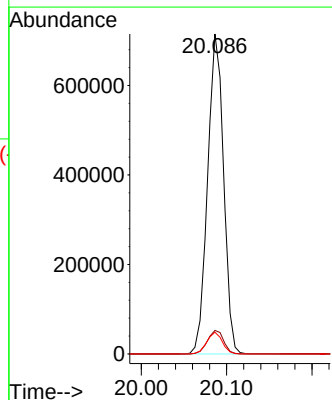
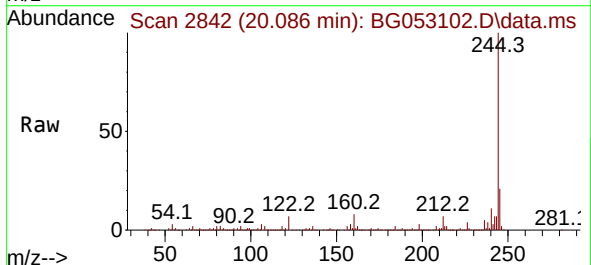
Instrument :
BNA_G
ClientSampleId :
SB-04-COMP

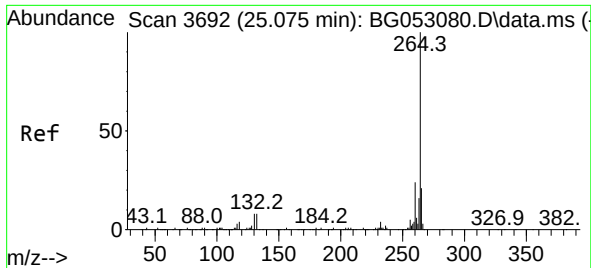
Tgt Ion:184 Resp: 16047
Ion Ratio Lower Upper
184 100
185 13.7 11.5 17.3
183 7.5 9.4 14.2#



#79
Terphenyl-d14
Concen: 63.822 ng
RT: 20.086 min Scan# 2842
Delta R.T. -0.008 min
Lab File: BG053102.D
Acq: 11 Apr 2022 15:38

Tgt Ion:244 Resp: 930421
Ion Ratio Lower Upper
244 100
212 7.4 5.4 8.2
122 6.8 5.8 8.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.068 min Scan# 30
Delta R.T. -0.008 min
Lab File: BG053102.D
Acq: 11 Apr 2022 15:38

Instrument :
BNA_G
ClientSampleId :
SB-04-COMP

Tgt Ion:264 Resp: 249866
Ion Ratio Lower Upper
264 100
260 25.9 18.2 27.2
265 20.2 15.1 22.7

