

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102221\
 Data File : BG050684.D
 Acq On : 22 Oct 2021 11:09
 Operator : CG/JU
 Sample : PB140070BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB140070BL

Quant Time: Oct 22 12:00:06 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 14 10:56:22 2021
 Response via : Initial Calibration

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

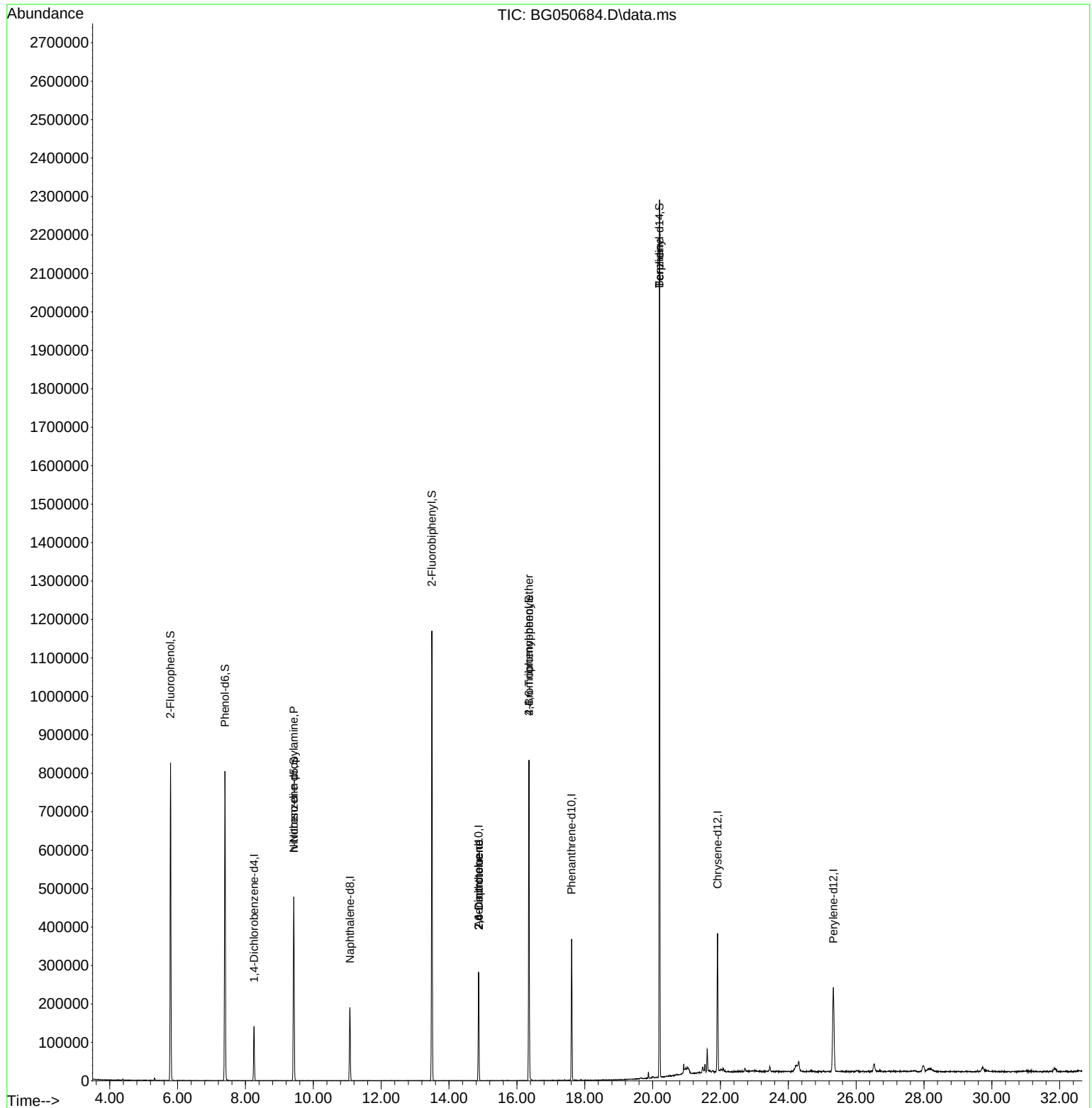
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.253	152	37956	20.000	ng	0.00
21) Naphthalene-d8	11.079	136	158308	20.000	ng	# 0.00
39) Acenaphthene-d10	14.869	164	101228	20.000	ng	0.00
64) Phenanthrene-d10	17.612	188	231264	20.000	ng	# 0.00
76) Chrysene-d12	21.913	240	217724	20.000	ng	#-0.01
86) Perylene-d12	25.327	264	205439	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.791	112	337816	133.106	ng	0.00
7) Phenol-d6	7.395	99	445821	121.328	ng	0.00
23) Nitrobenzene-d5	9.422	82	315812	82.581	ng	0.00
42) 2,4,6-Tribromophenol	16.355	330	119123	123.375	ng	0.00
45) 2-Fluorobiphenyl	13.494	172	567031	84.305	ng	-0.01
79) Terphenyl-d14	20.203	244	984863	88.154	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	7.395	77	1001	Below Cal	#	10
19) n-Nitroso-di-n-propyla...	9.422	70	45028	16.813	ng	# 72
51) 2,6-Dinitrotoluene	14.874	165	12857	8.389	ng	# 12
57) 2,4-Dinitrotoluene	14.874	165	12857	5.952	ng	# 17
67) 4-Bromophenyl-phenylether	16.355	248	9738	4.179	ng	# 1
77) Benzidine	20.203	184	19690	2.790	ng	# 92

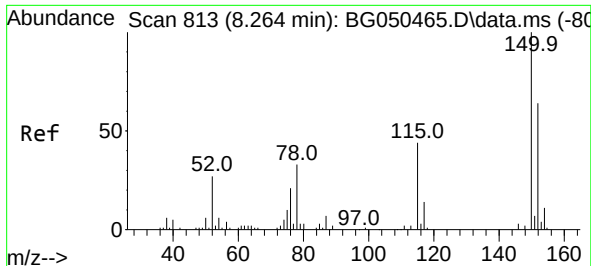
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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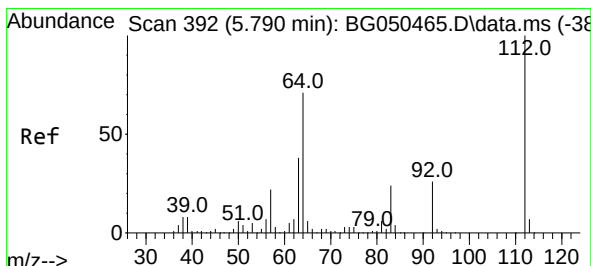
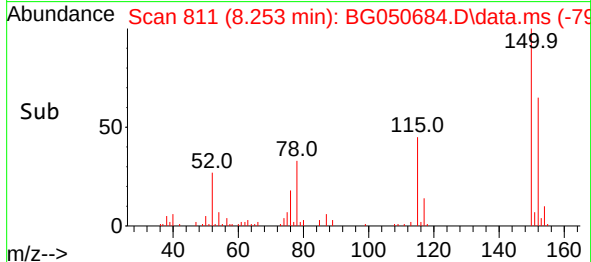
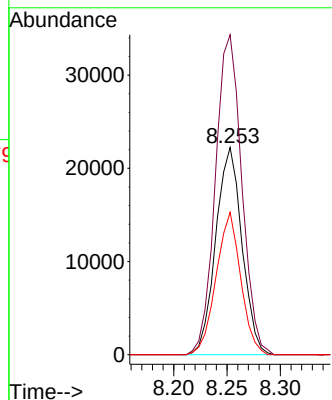
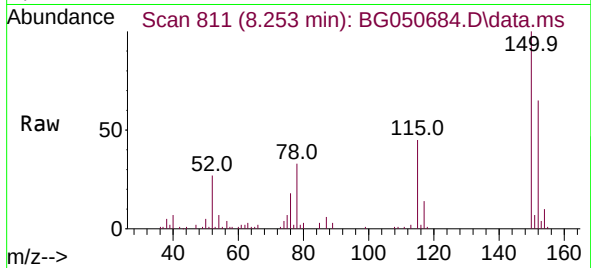




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.253 min Scan# 811
Delta R.T. -0.005 min
Lab File: BG050684.D
Acq: 22 Oct 2021 11:09

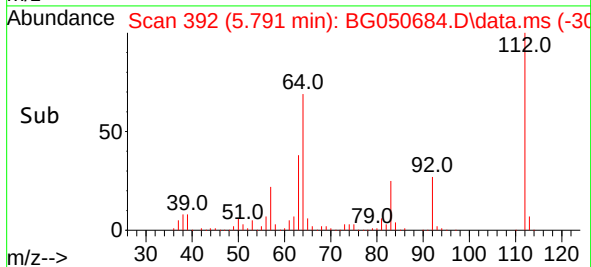
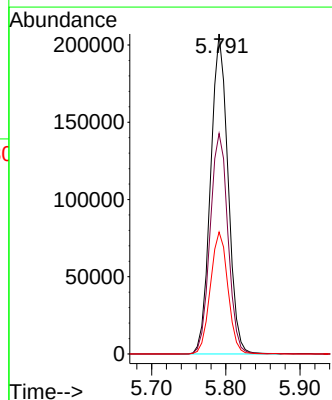
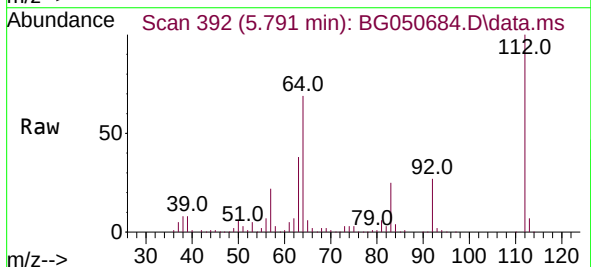
Instrument :
BNA_G
ClientSampleId :
PB140070BL

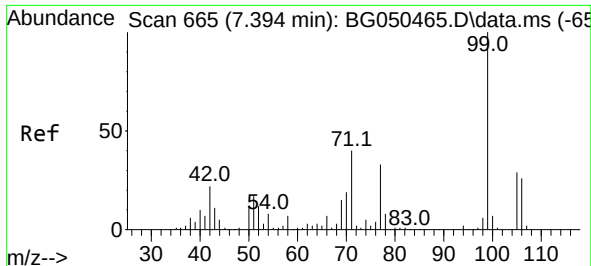
Tgt Ion:152 Resp: 37956
Ion Ratio Lower Upper
152 100
150 154.4 119.4 179.0
115 68.7 60.2 90.4



#5
2-Fluorophenol
Concen: 133.106 ng
RT: 5.791 min Scan# 392
Delta R.T. 0.000 min
Lab File: BG050684.D
Acq: 22 Oct 2021 11:09

Tgt Ion:112 Resp: 337816
Ion Ratio Lower Upper
112 100
64 68.9 46.7 70.1
63 38.1 35.3 52.9

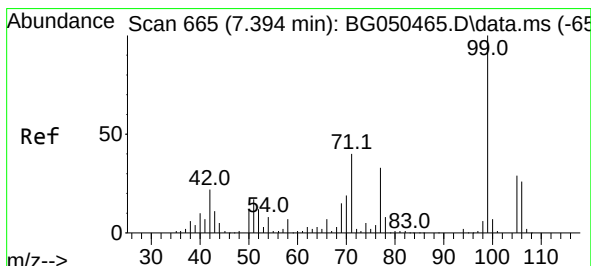
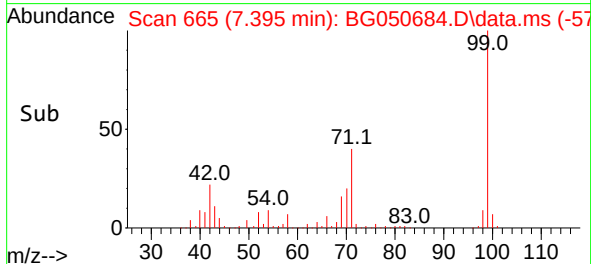
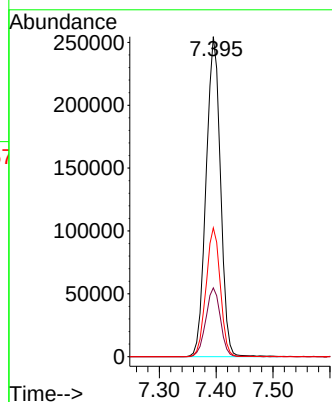
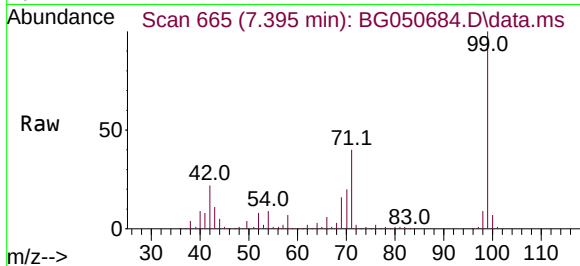




#7
Phenol-d6
Concen: 121.328 ng
RT: 7.395 min Scan# 665
Delta R.T. -0.006 min
Lab File: BG050684.D
Acq: 22 Oct 2021 11:09

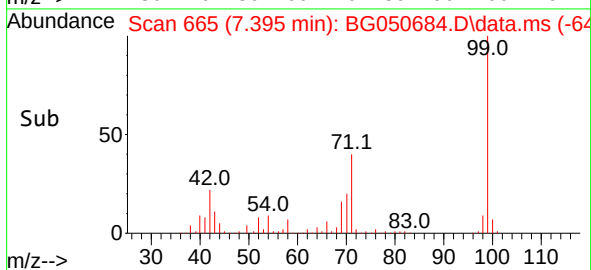
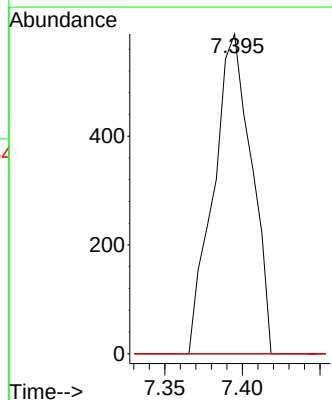
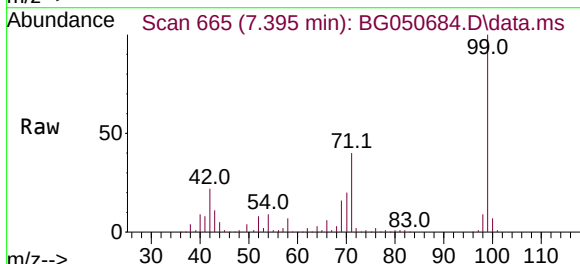
Instrument :
BNA_G
ClientSampleId :
PB140070BL

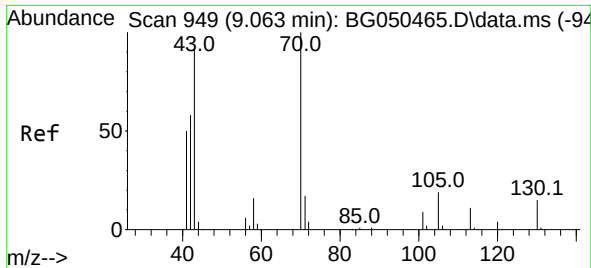
Tgt Ion: 99 Resp: 445821
Ion Ratio Lower Upper
99 100
42 21.5 20.5 30.7
71 40.2 41.5 62.3#



#9
Benzaldehyde
Concen: Below Cal
RT: 7.395 min Scan# 665
Delta R.T. 0.006 min
Lab File: BG050684.D
Acq: 22 Oct 2021 11:09

Tgt Ion: 77 Resp: 1001
Ion Ratio Lower Upper
77 100
105 0.0 68.8 108.8#
106 0.0 47.9 87.9#

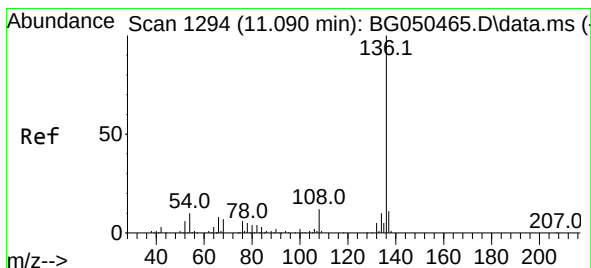
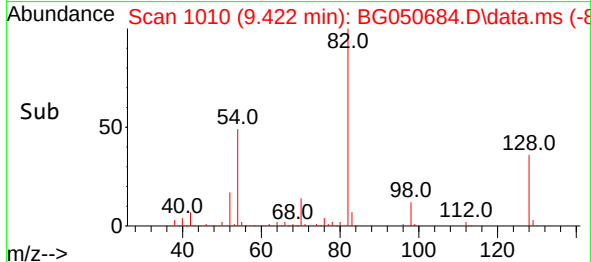
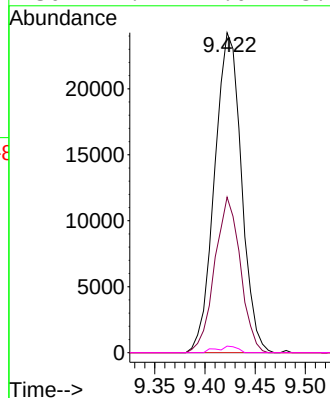
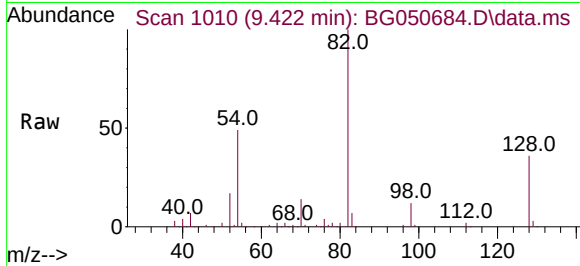




#19
n-Nitroso-di-n-propylamine
Concen: 16.813 ng
RT: 9.422 min Scan# 1010
Delta R.T. 0.365 min
Lab File: BG050684.D
Acq: 22 Oct 2021 11:09

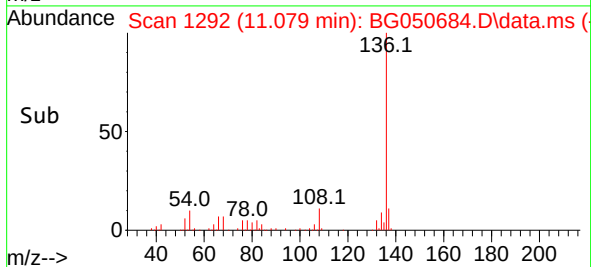
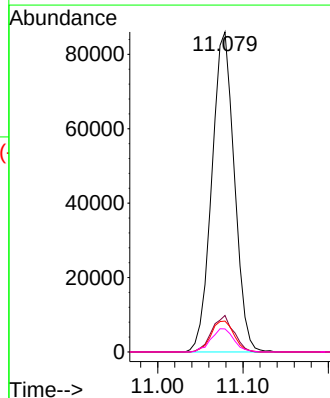
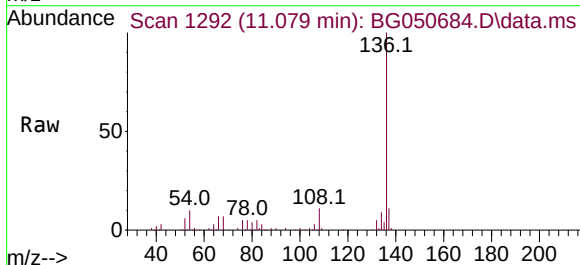
Instrument :
BNA_G
ClientSampleId :
PB140070BL

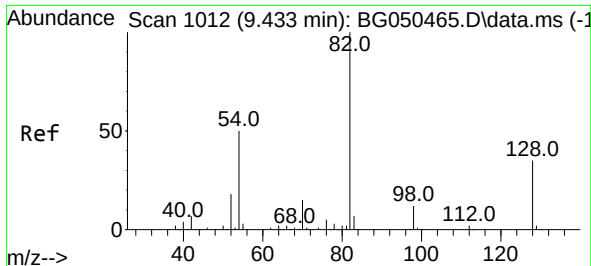
Tgt Ion:	70	Resp:	45028
Ion	Ratio	Lower	Upper
70	100		
42	48.6	54.5	81.7#
101	0.0	9.0	13.6#
130	2.1	17.0	25.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.079 min Scan# 1292
Delta R.T. -0.006 min
Lab File: BG050684.D
Acq: 22 Oct 2021 11:09

Tgt Ion:	136	Resp:	158308
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.2	12.2
54	9.6	5.5	8.3#
68	7.2	2.3	3.5#

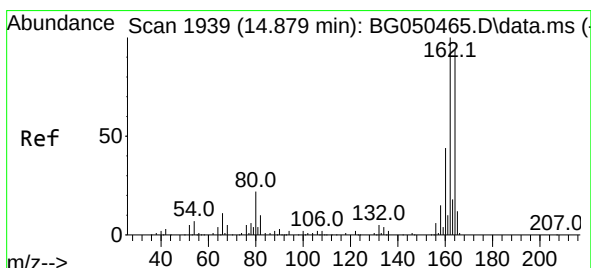
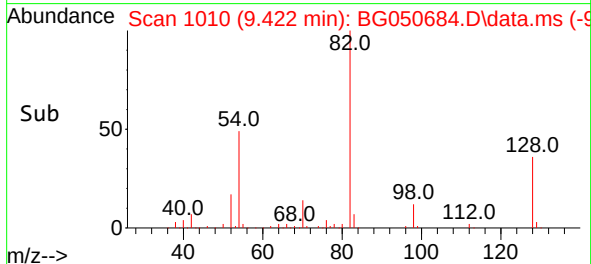
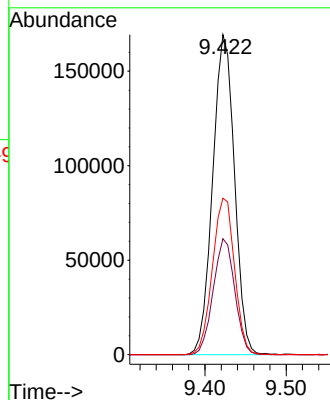
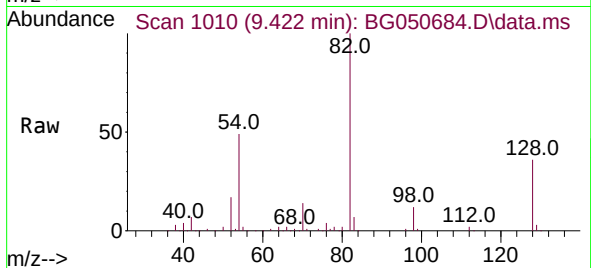




#23
Nitrobenzene-d5
Concen: 82.581 ng
RT: 9.422 min Scan# 1010
Delta R.T. -0.006 min
Lab File: BG050684.D
Acq: 22 Oct 2021 11:09

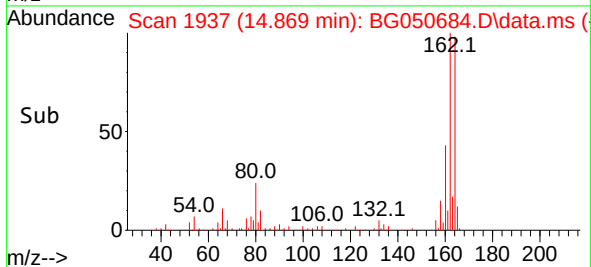
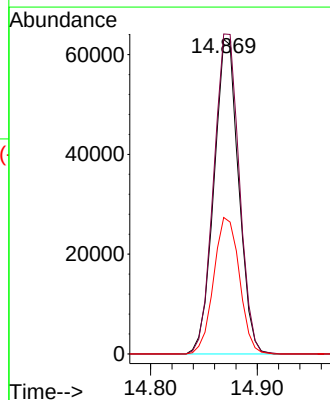
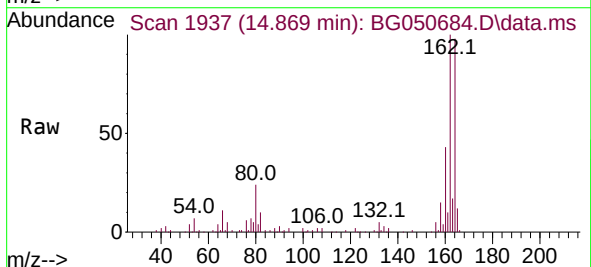
Instrument :
BNA_G
ClientSampleId :
PB140070BL

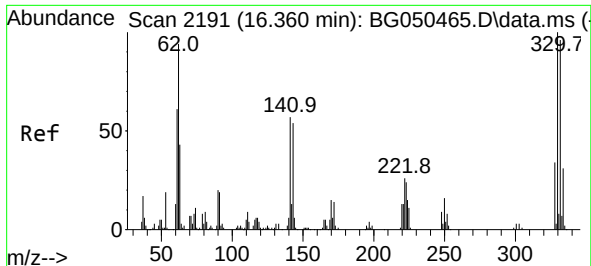
Tgt Ion: 82 Resp: 315812
Ion Ratio Lower Upper
82 100
128 36.3 29.8 44.6
54 48.9 45.8 68.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.869 min Scan# 1937
Delta R.T. -0.006 min
Lab File: BG050684.D
Acq: 22 Oct 2021 11:09

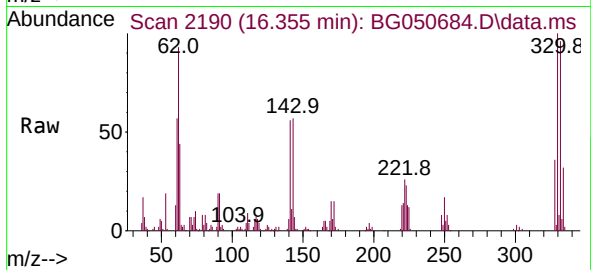
Tgt Ion: 164 Resp: 101228
Ion Ratio Lower Upper
164 100
162 101.8 81.4 122.0
160 43.4 34.9 52.3



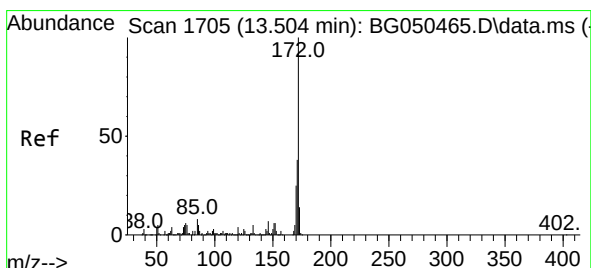
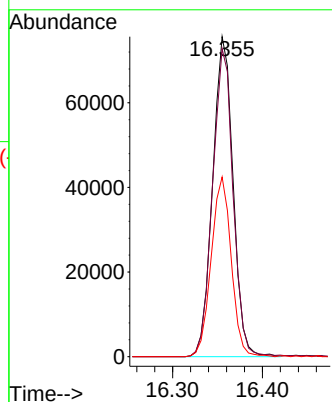
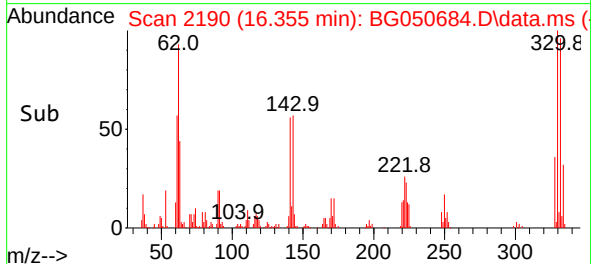


#42
2,4,6-Tribromophenol
Concen: 123.375 ng
RT: 16.355 min Scan# 2190
Delta R.T. -0.006 min
Lab File: BG050684.D
Acq: 22 Oct 2021 11:09

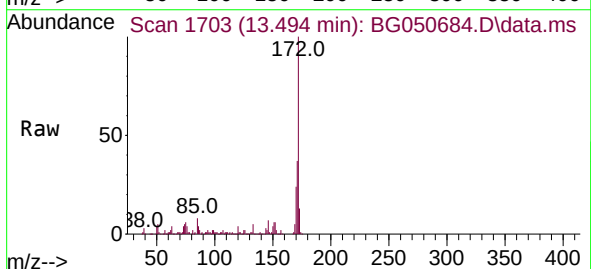
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BNA_G
ClientSampleId :
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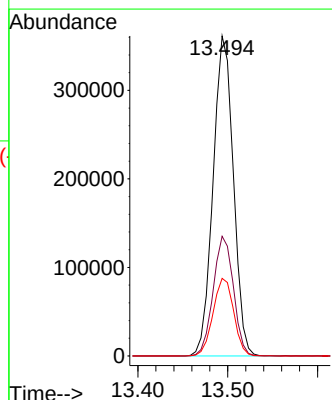
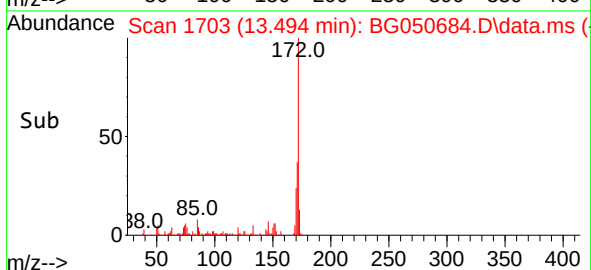
Tgt Ion:330 Resp: 119123
Ion Ratio Lower Upper
330 100
332 97.4 77.3 115.9
141 55.2 35.6 53.4#

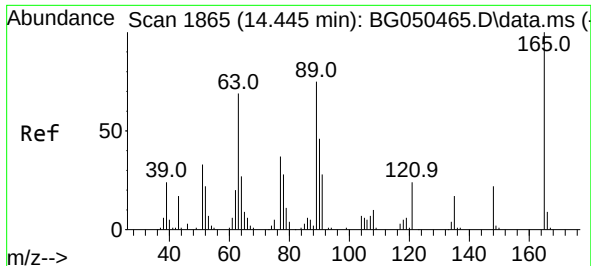


#45
2-Fluorobiphenyl
Concen: 84.305 ng
RT: 13.494 min Scan# 1703
Delta R.T. -0.011 min
Lab File: BG050684.D
Acq: 22 Oct 2021 11:09



Tgt Ion:172 Resp: 567031
Ion Ratio Lower Upper
172 100
171 37.4 28.6 43.0
170 24.2 18.6 27.8

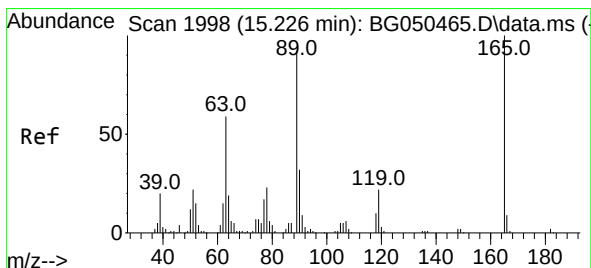
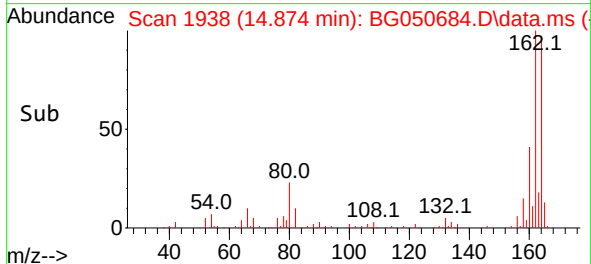
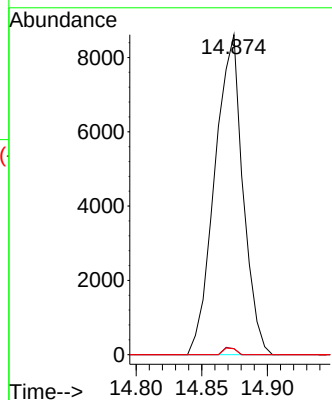
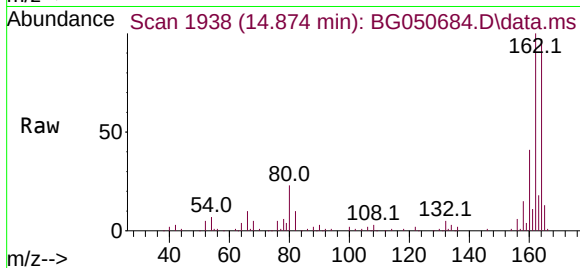




#51
2,6-Dinitrotoluene
Concen: 8.389 ng
RT: 14.874 min Scan# 1938
Delta R.T. 0.429 min
Lab File: BG050684.D
Acq: 22 Oct 2021 11:09

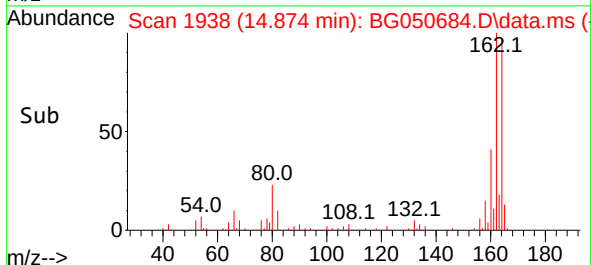
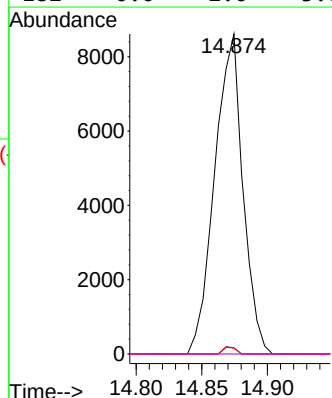
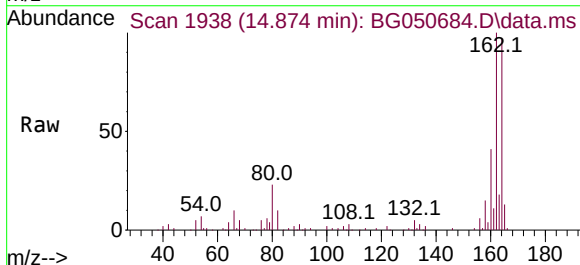
Instrument :
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PB140070BL

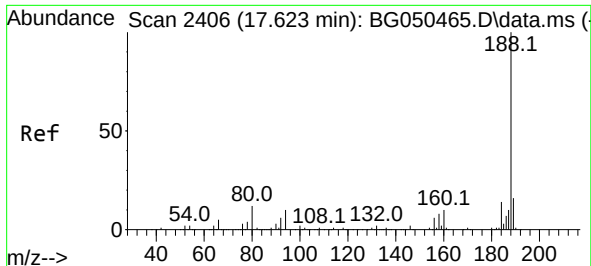
Tgt Ion:165 Resp: 12857
Ion Ratio Lower Upper
165 100
63 1.9 63.3 94.9#
89 1.8 63.4 95.0#



#57
2,4-Dinitrotoluene
Concen: 5.952 ng
RT: 14.874 min Scan# 1938
Delta R.T. -0.352 min
Lab File: BG050684.D
Acq: 22 Oct 2021 11:09

Tgt Ion:165 Resp: 12857
Ion Ratio Lower Upper
165 100
63 1.9 48.0 72.0#
89 1.8 65.4 98.0#
182 0.0 2.0 3.0#

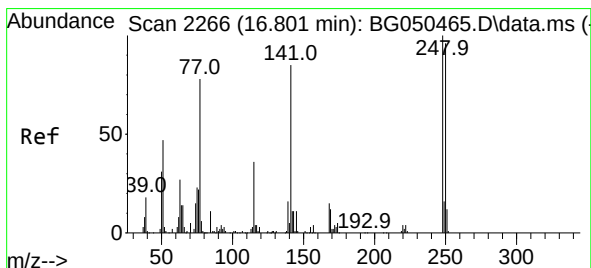
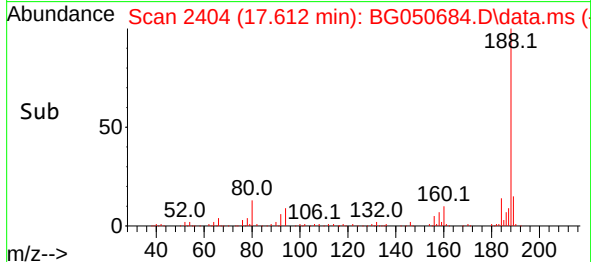
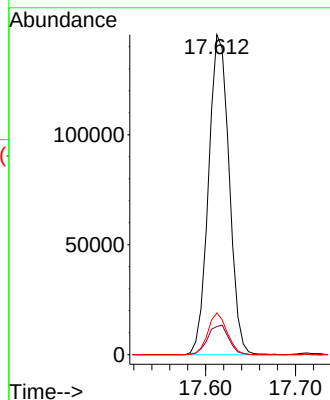
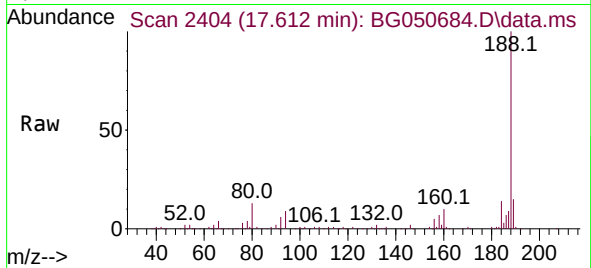




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.612 min Scan# 2404
Delta R.T. -0.006 min
Lab File: BG050684.D
Acq: 22 Oct 2021 11:09

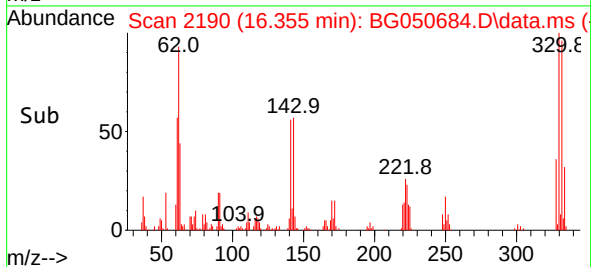
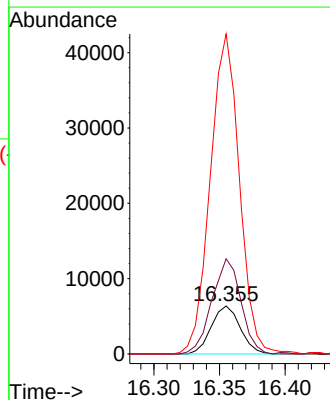
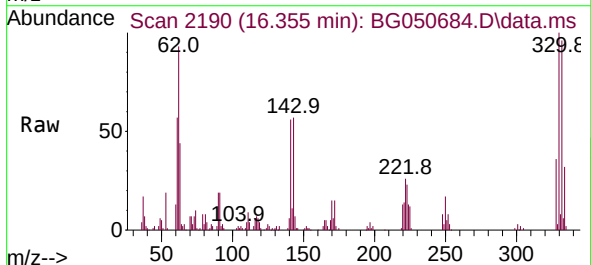
Instrument :
BNA_G
ClientSampleId :
PB140070BL

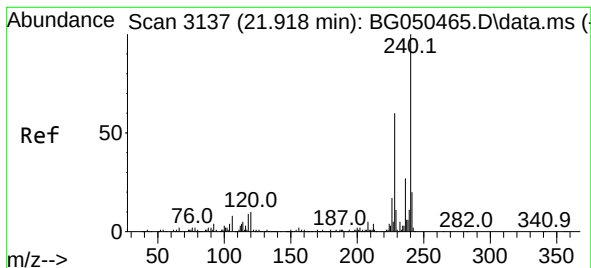
Tgt Ion:188 Resp: 231264
Ion Ratio Lower Upper
188 100
94 8.8 5.4 8.0#
80 13.1 3.7 5.5#



#67
4-Bromophenyl-phenylether
Concen: 4.179 ng
RT: 16.355 min Scan# 2190
Delta R.T. -0.446 min
Lab File: BG050684.D
Acq: 22 Oct 2021 11:09

Tgt Ion:248 Resp: 9738
Ion Ratio Lower Upper
248 100
250 198.7 76.1 114.1#
141 667.3 65.4 98.2#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.913 min Scan# 3136

Delta R.T. -0.011 min

Lab File: BG050684.D

Acq: 22 Oct 2021 11:09

Tgt Ion:240 Resp: 217724

Ion Ratio Lower Upper

240 100

120 10.1 4.2 6.2#

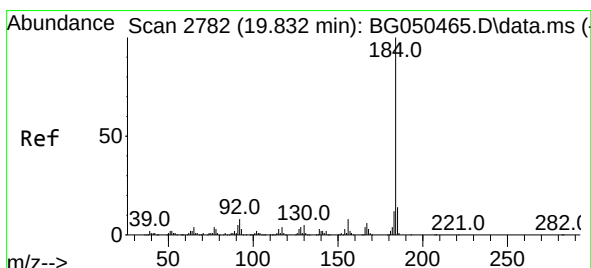
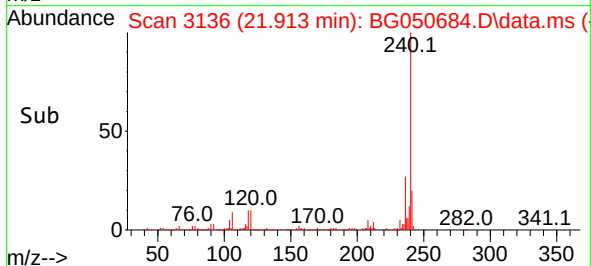
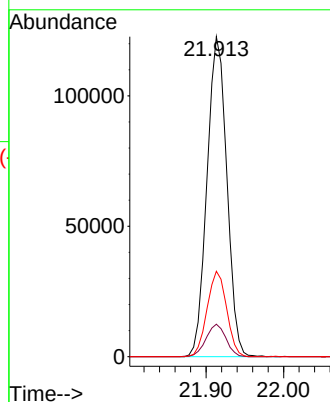
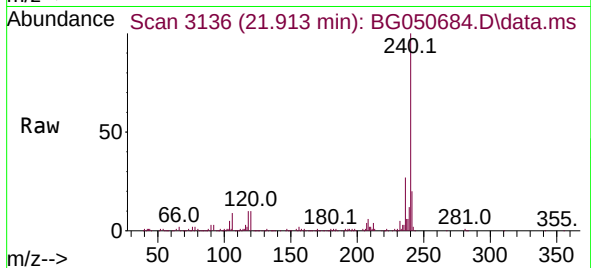
236 26.7 21.8 32.6

Instrument :

BNA_G

ClientSampleId :

PB140070BL



#77

Benzidine

Concen: 2.790 ng

RT: 20.203 min Scan# 2845

Delta R.T. 0.370 min

Lab File: BG050684.D

Acq: 22 Oct 2021 11:09

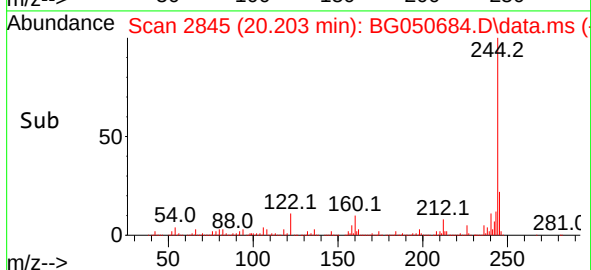
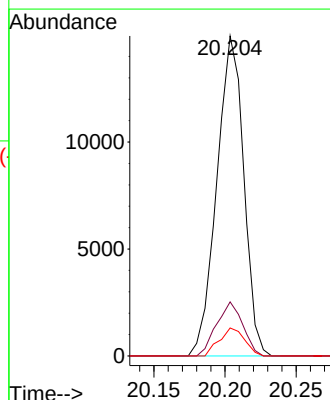
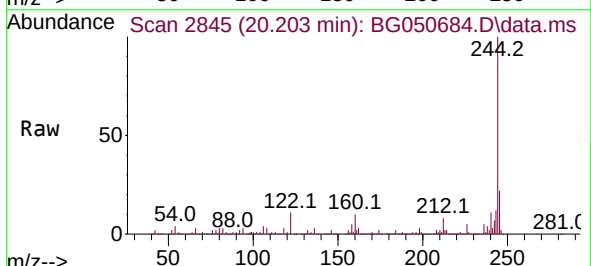
Tgt Ion:184 Resp: 19690

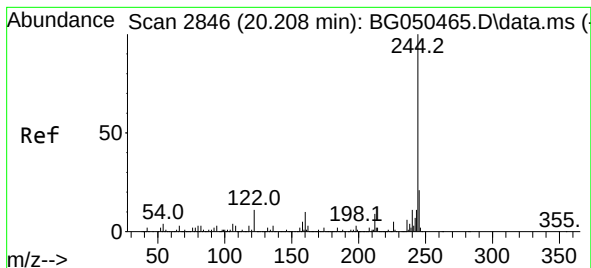
Ion Ratio Lower Upper

184 100

185 16.9 10.7 16.1#

183 8.8 9.4 14.0#





#79

Terphenyl-d14

Concen: 88.154 ng

RT: 20.203 min Scan# 2845

Delta R.T. -0.006 min

Lab File: BG050684.D

Acq: 22 Oct 2021 11:09

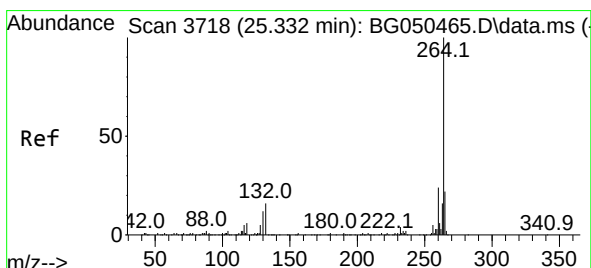
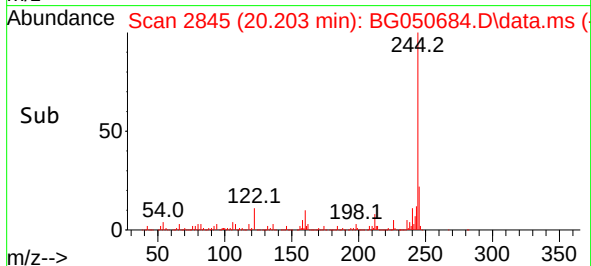
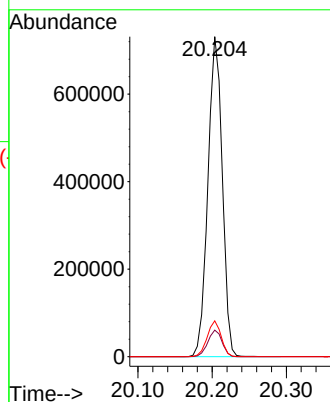
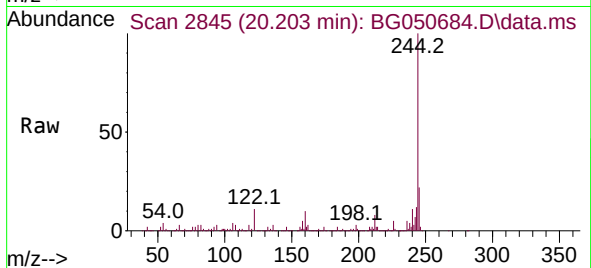
Tgt Ion:244 Resp: 984863

Ion Ratio Lower Upper

244 100

212 8.3 6.9 10.3

122 11.2 5.0 7.6#



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.327 min Scan# 3717

Delta R.T. -0.006 min

Lab File: BG050684.D

Acq: 22 Oct 2021 11:09

Tgt Ion:264 Resp: 205439

Ion Ratio Lower Upper

264 100

260 24.9 19.4 29.2

265 21.7 16.9 25.3

