

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101921\
 Data File : BG050629.D
 Acq On : 19 Oct 2021 10:48
 Operator : CG/JU
 Sample : PB139947BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB139947BL

Quant Time: Oct 19 11:43:16 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)

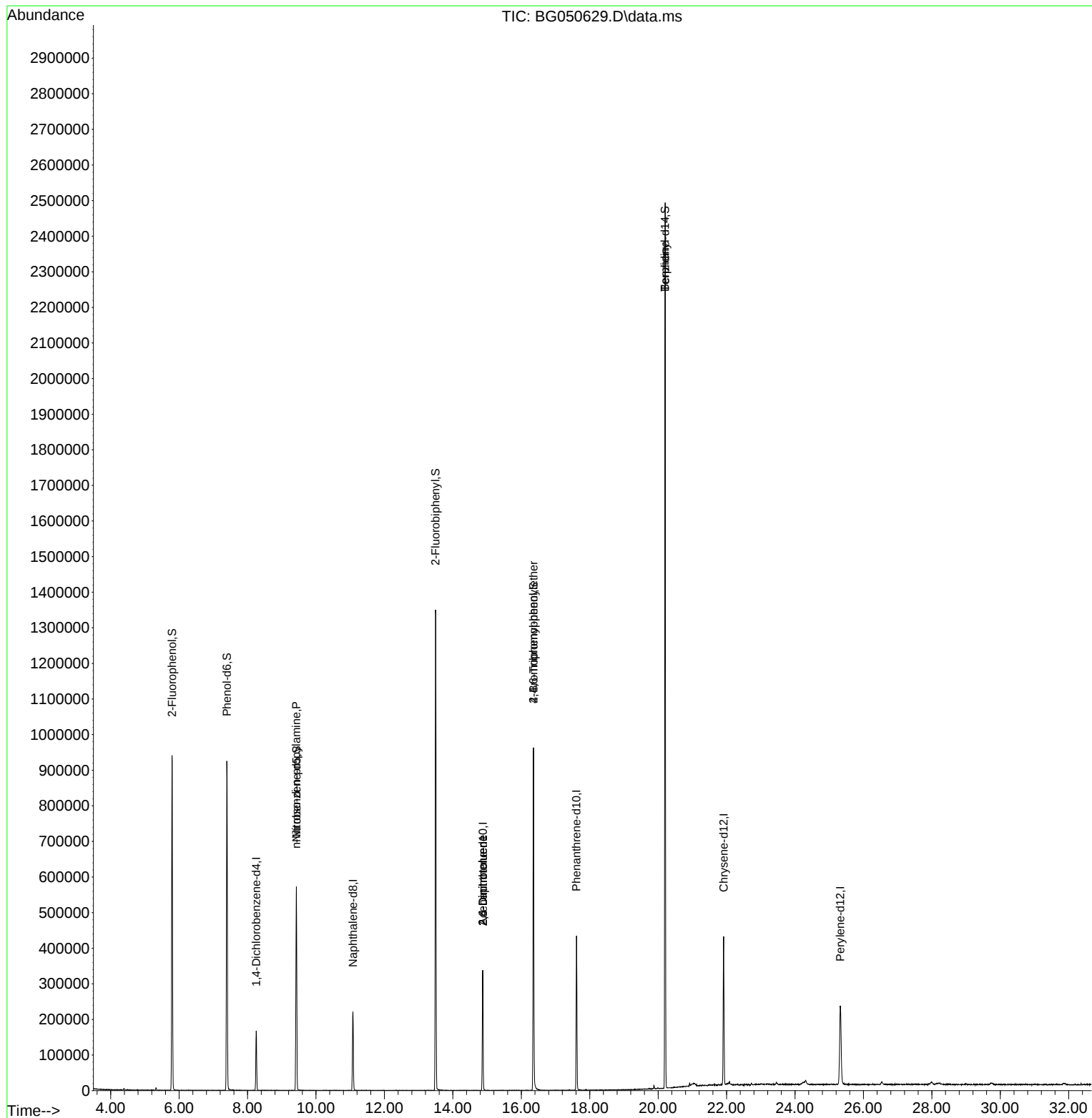
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.253	152	45111	20.000	ng	0.00
21) Naphthalene-d8	11.079	136	187380	20.000	ng	# 0.00
39) Acenaphthene-d10	14.875	164	123930	20.000	ng	0.00
64) Phenanthrene-d10	17.613	188	277119	20.000	ng	# 0.00
76) Chrysene-d12	21.914	240	248265	20.000	ng	#-0.01
86) Perylene-d12	25.322	264	235930	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.797	112	403809	133.872	ng	0.00
7) Phenol-d6	7.395	99	521954	119.517	ng	0.00
23) Nitrobenzene-d5	9.428	82	374267	82.683	ng	0.00
42) 2,4,6-Tribromophenol	16.356	330	142719	120.736	ng	0.00
45) 2-Fluorobiphenyl	13.494	172	676351	82.138	ng	-0.01
79) Terphenyl-d14	20.204	244	1099559	86.313	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	7.395	77	1164	Below Cal	#	10
19) n-Nitroso-di-n-propyla...	9.422	70	52074	16.360	ng	# 72
51) 2,6-Dinitrotoluene	14.875	165	15901	8.475	ng	# 11
57) 2,4-Dinitrotoluene	14.875	165	15901	6.013	ng	# 16
67) 4-Bromophenyl-phenylether	16.356	248	11573	4.144	ng	# 1
77) Benzidine	20.204	184	21526	2.675	ng	# 94

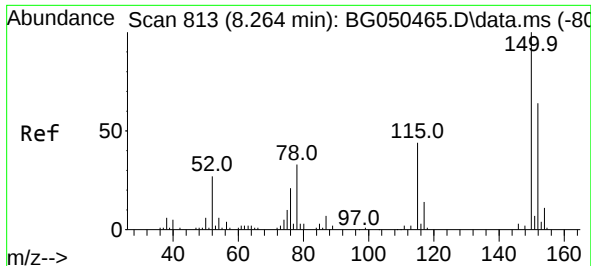
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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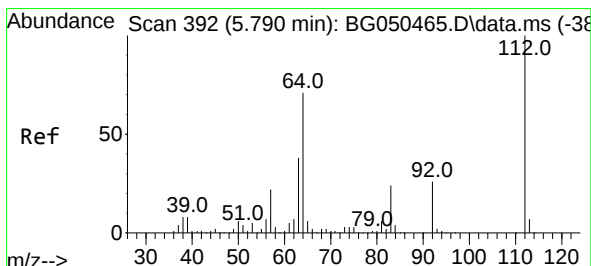
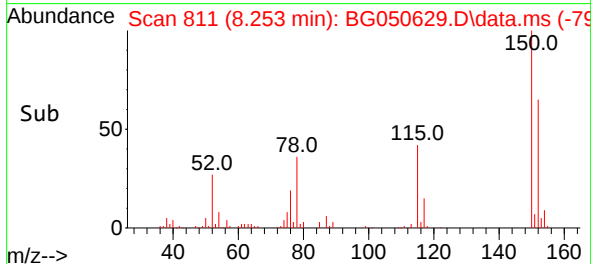
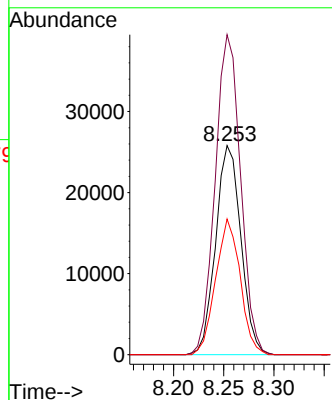
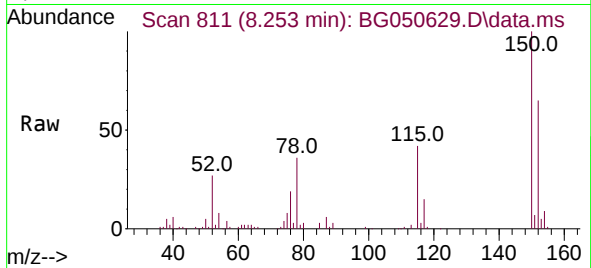




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.253 min Scan# 811
Delta R.T. -0.005 min
Lab File: BG050629.D
Acq: 19 Oct 2021 10:48

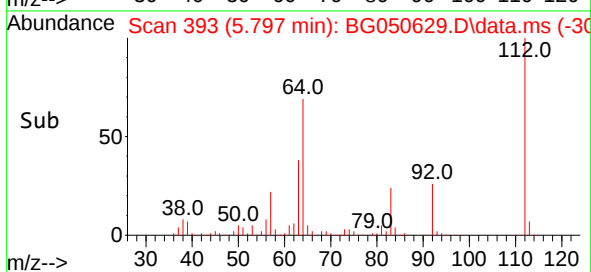
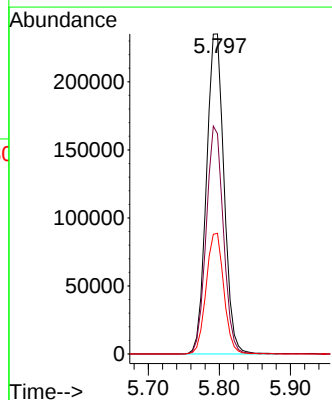
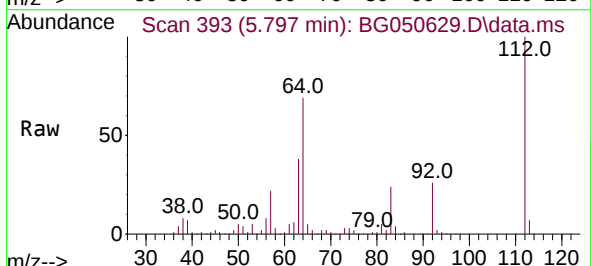
Instrument :
BNA_G
ClientSampleId :
PB139947BL

Tgt Ion:152 Resp: 45111
Ion Ratio Lower Upper
152 100
150 153.0 119.4 179.0
115 64.9 60.2 90.4



#5
2-Fluorophenol
Concen: 133.872 ng
RT: 5.797 min Scan# 393
Delta R.T. 0.007 min
Lab File: BG050629.D
Acq: 19 Oct 2021 10:48

Tgt Ion:112 Resp: 403809
Ion Ratio Lower Upper
112 100
64 68.8 46.7 70.1
63 37.7 35.3 52.9

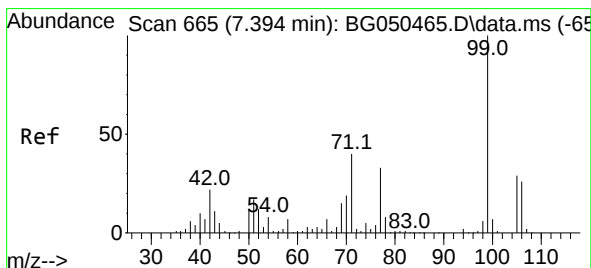
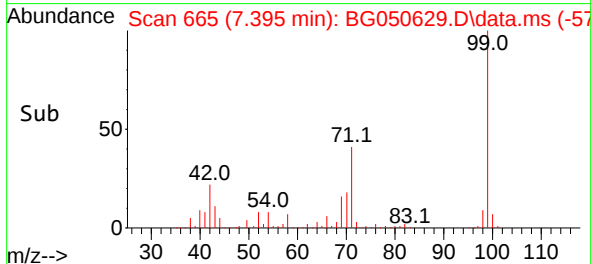
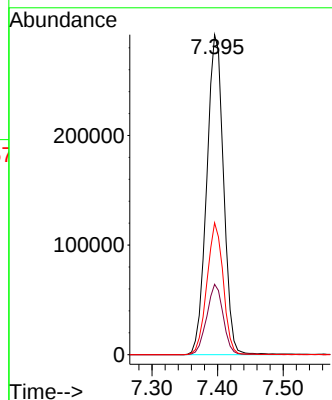
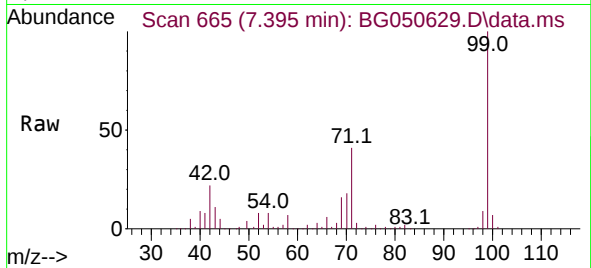




#7
Phenol-d6
Concen: 119.517 ng
RT: 7.395 min Scan# 665
Delta R.T. -0.005 min
Lab File: BG050629.D
Acq: 19 Oct 2021 10:48

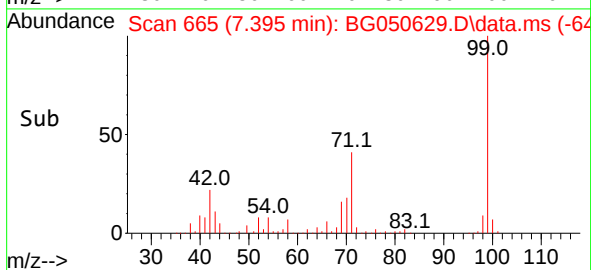
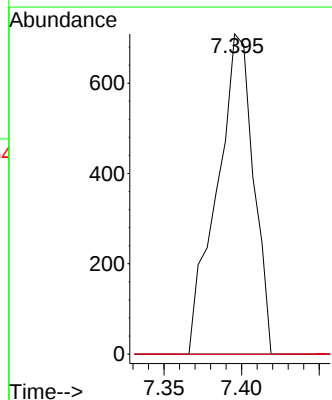
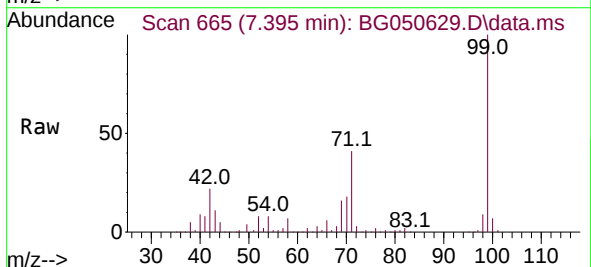
Instrument :
BNA_G
ClientSampleId :
PB139947BL

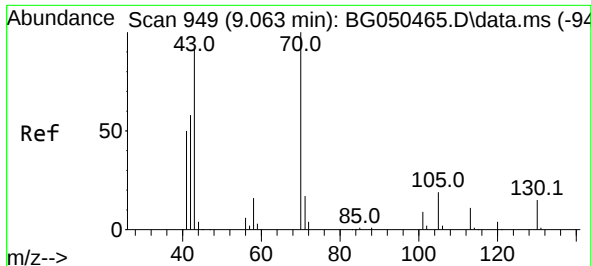
Tgt Ion: 99 Resp: 521954
Ion Ratio Lower Upper
99 100
42 22.0 20.5 30.7
71 41.2 41.5 62.3#



#9
Benzaldehyde
Concen: Below Cal
RT: 7.395 min Scan# 665
Delta R.T. 0.007 min
Lab File: BG050629.D
Acq: 19 Oct 2021 10:48

Tgt Ion: 77 Resp: 1164
Ion Ratio Lower Upper
77 100
105 0.0 68.8 108.8#
106 0.0 47.9 87.9#

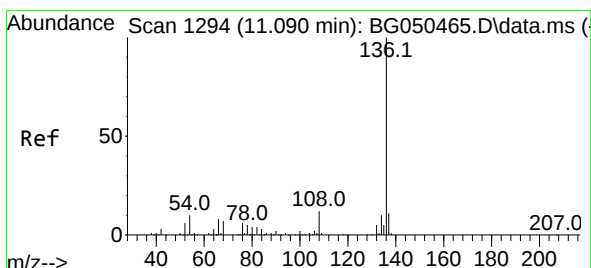
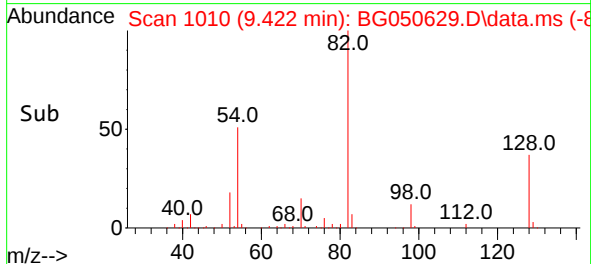
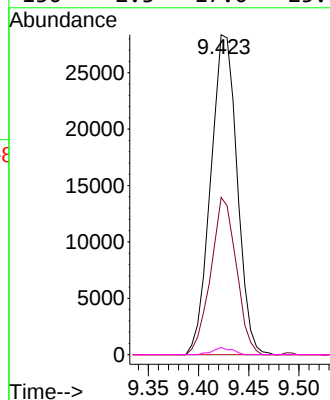
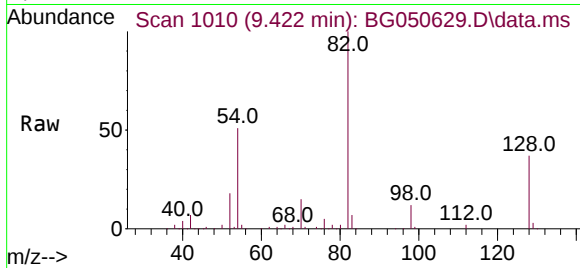




#19
n-Nitroso-di-n-propylamine
Concen: 16.360 ng
RT: 9.422 min Scan# 1010
Delta R.T. 0.365 min
Lab File: BG050629.D
Acq: 19 Oct 2021 10:48

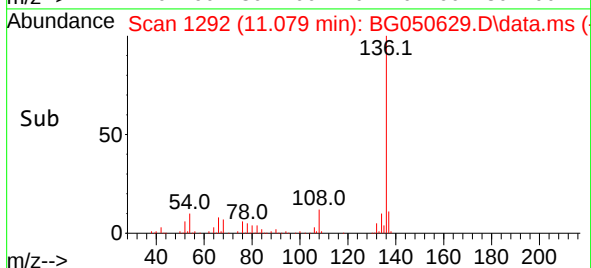
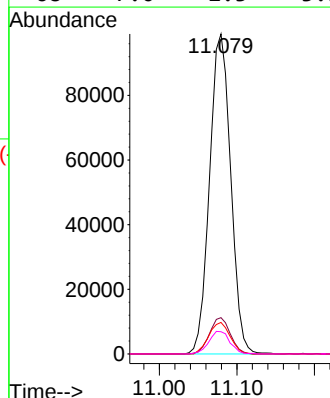
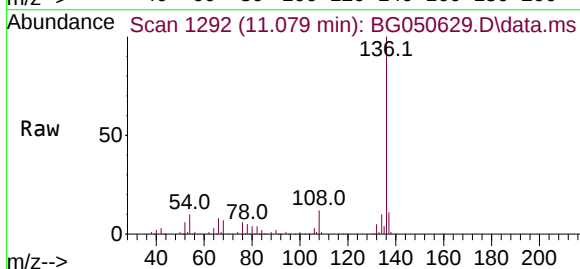
Instrument :
BNA_G
ClientSampleId :
PB139947BL

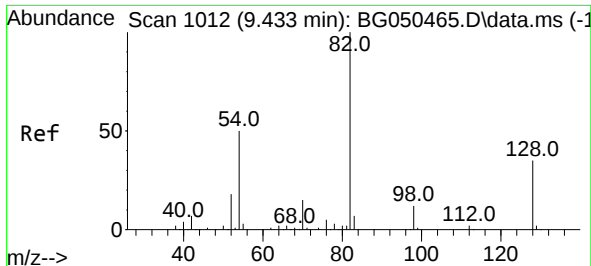
Tgt Ion:	70	Resp:	52074
Ion	Ratio	Lower	Upper
70	100		
42	49.2	54.5	81.7#
101	0.0	9.0	13.6#
130	2.3	17.0	25.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.079 min Scan# 1292
Delta R.T. -0.005 min
Lab File: BG050629.D
Acq: 19 Oct 2021 10:48

Tgt Ion:	136	Resp:	187380
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.2	12.2
54	9.9	5.5	8.3#
68	7.0	2.3	3.5#

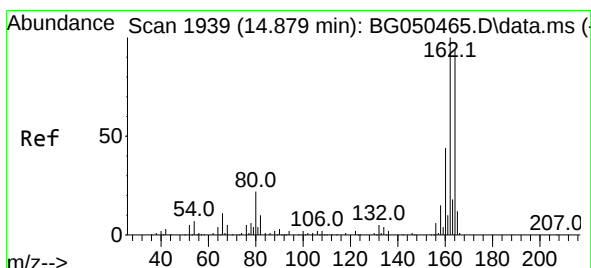
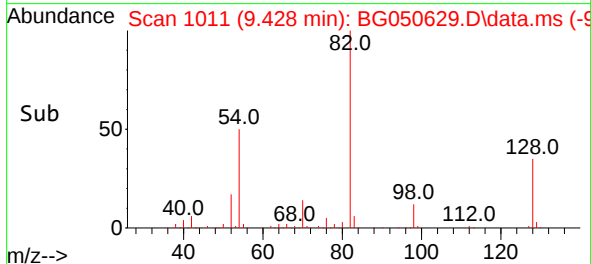
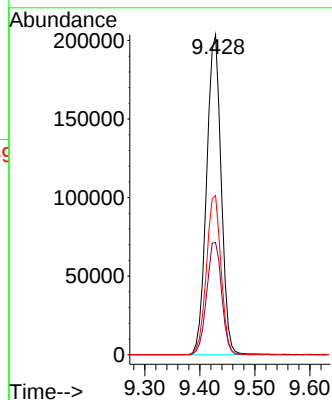
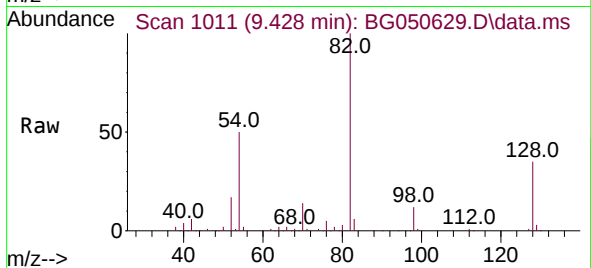




#23
Nitrobenzene-d5
Concen: 82.683 ng
RT: 9.428 min Scan# 1011
Delta R.T. 0.001 min
Lab File: BG050629.D
Acq: 19 Oct 2021 10:48

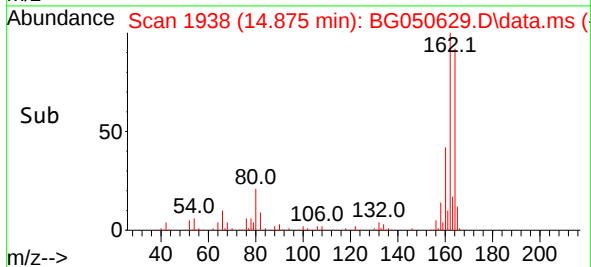
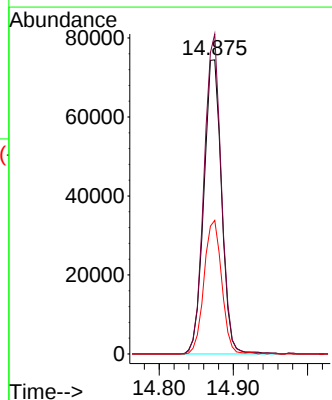
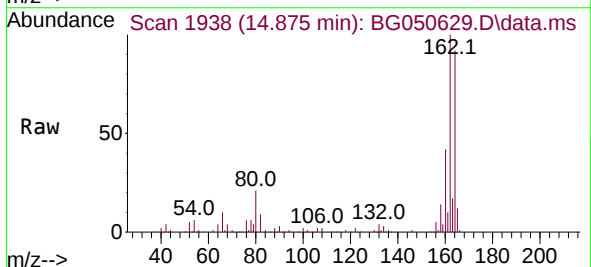
Instrument :
BNA_G
ClientSampleId :
PB139947BL

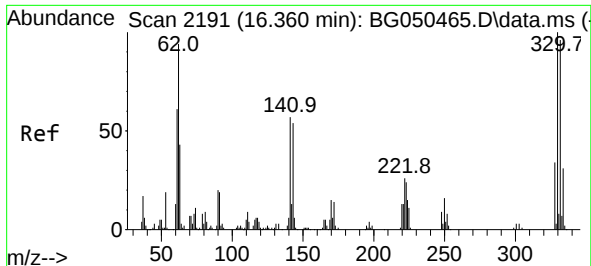
Tgt Ion: 82 Resp: 374267
Ion Ratio Lower Upper
82 100
128 35.0 29.8 44.6
54 49.8 45.8 68.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.875 min Scan# 1938
Delta R.T. 0.001 min
Lab File: BG050629.D
Acq: 19 Oct 2021 10:48

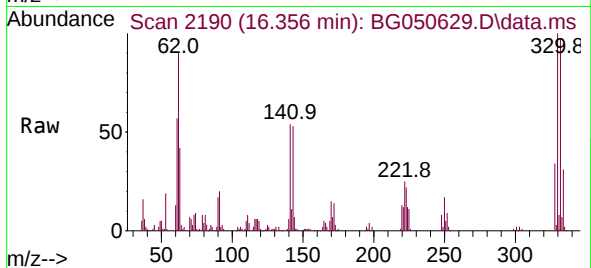
Tgt Ion:164 Resp: 123930
Ion Ratio Lower Upper
164 100
162 108.8 81.4 122.0
160 45.4 34.9 52.3



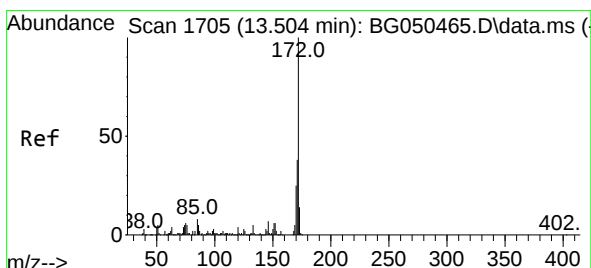
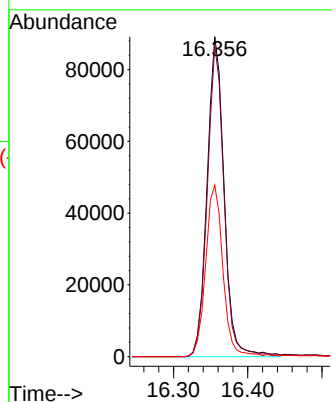
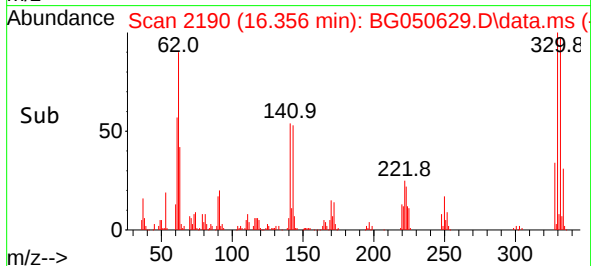


#42
 2,4,6-Tribromophenol
 Concen: 120.736 ng
 RT: 16.356 min Scan# 2190
 Delta R.T. -0.005 min
 Lab File: BG050629.D
 Acq: 19 Oct 2021 10:48

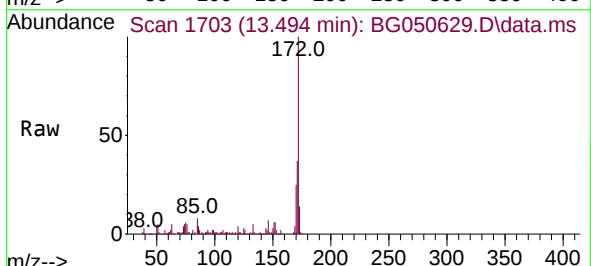
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 ClientSampleId :
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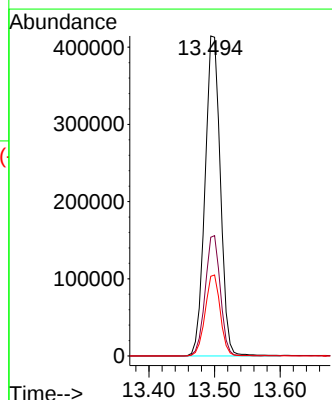
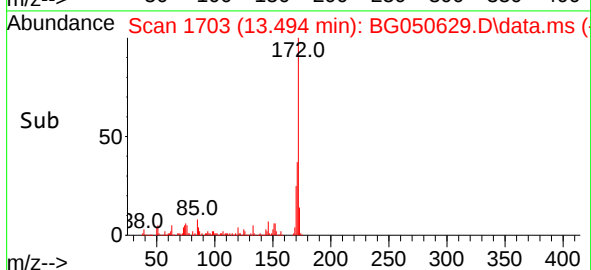
Tgt Ion:330 Resp: 142719
 Ion Ratio Lower Upper
 330 100
 332 95.6 77.3 115.9
 141 54.6 35.6 53.4#

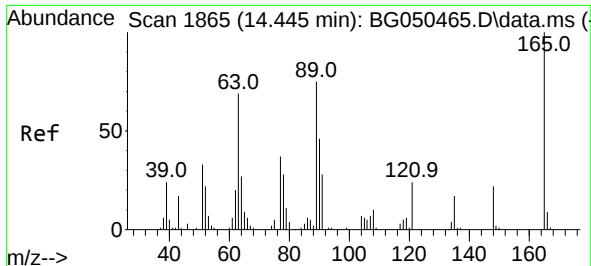


#45
 2-Fluorobiphenyl
 Concen: 82.138 ng
 RT: 13.494 min Scan# 1703
 Delta R.T. -0.011 min
 Lab File: BG050629.D
 Acq: 19 Oct 2021 10:48



Tgt Ion:172 Resp: 676351
 Ion Ratio Lower Upper
 172 100
 171 37.1 28.6 43.0
 170 24.9 18.6 27.8

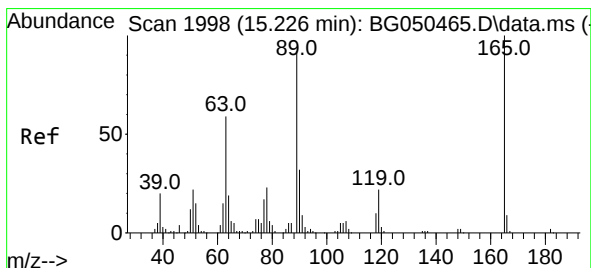
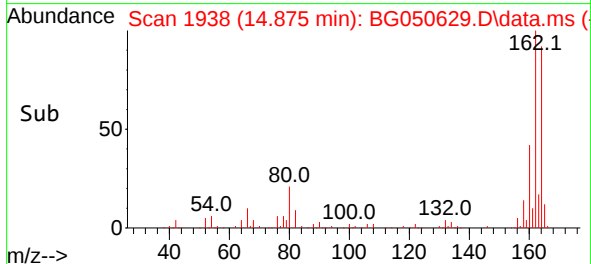
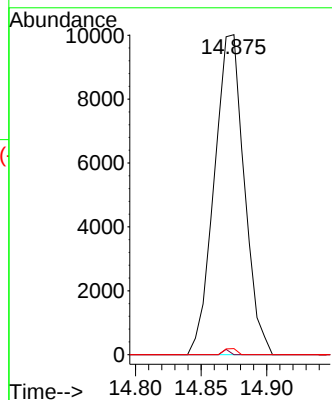
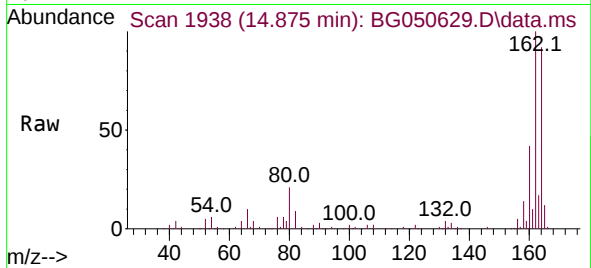




#51
2,6-Dinitrotoluene
Concen: 8.475 ng
RT: 14.875 min Scan# 1938
Delta R.T. 0.430 min
Lab File: BG050629.D
Acq: 19 Oct 2021 10:48

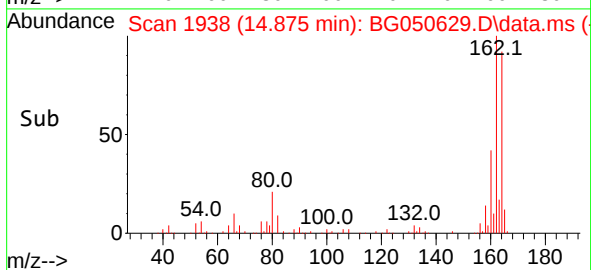
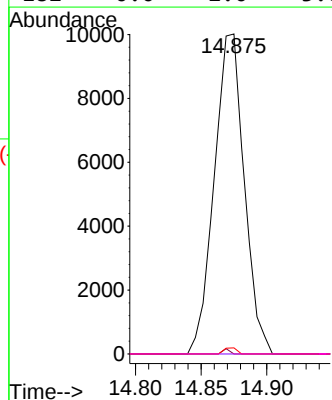
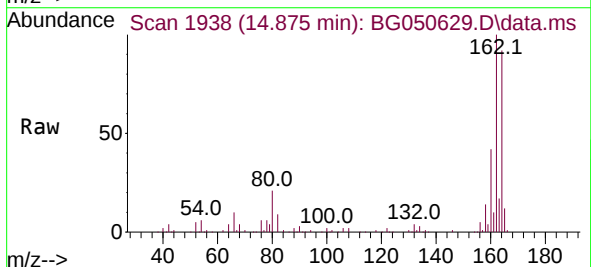
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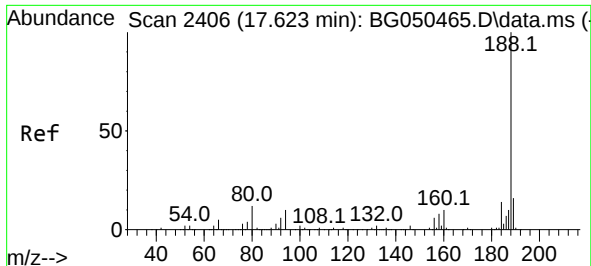
Tgt Ion:165 Resp: 15901
Ion Ratio Lower Upper
165 100
63 0.0 63.3 94.9#
89 1.9 63.4 95.0#



#57
2,4-Dinitrotoluene
Concen: 6.013 ng
RT: 14.875 min Scan# 1938
Delta R.T. -0.352 min
Lab File: BG050629.D
Acq: 19 Oct 2021 10:48

Tgt Ion:165 Resp: 15901
Ion Ratio Lower Upper
165 100
63 0.0 48.0 72.0#
89 1.9 65.4 98.0#
182 0.0 2.0 3.0#

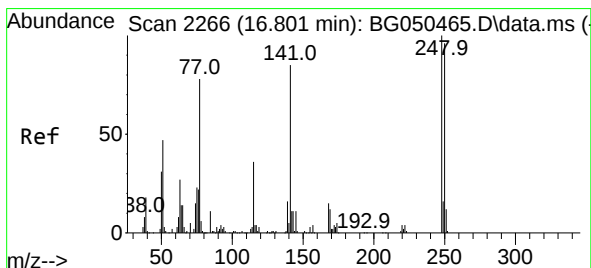
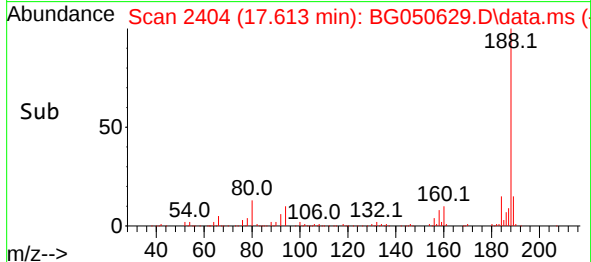
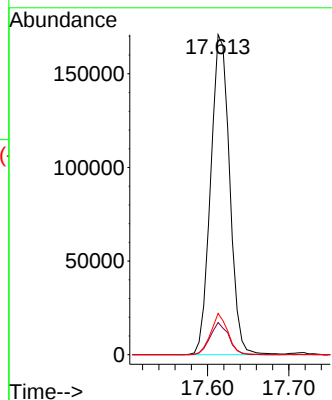
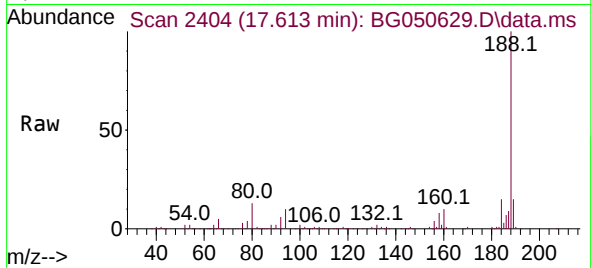




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.613 min Scan# 2404
Delta R.T. -0.005 min
Lab File: BG050629.D
Acq: 19 Oct 2021 10:48

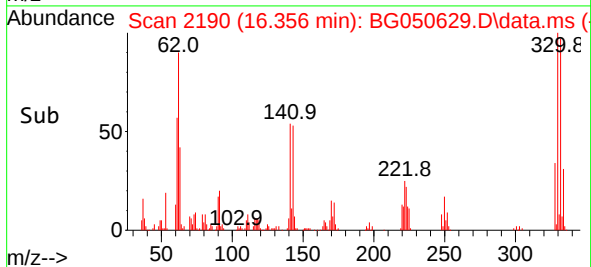
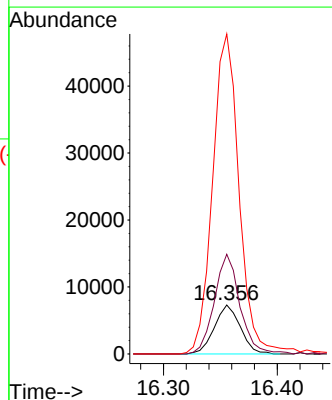
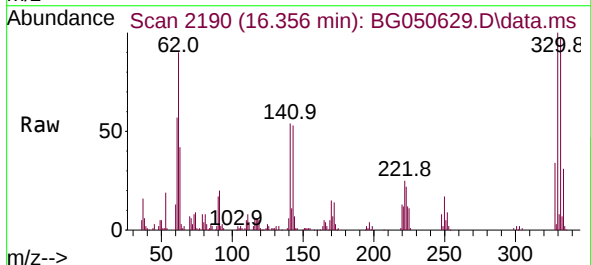
Instrument :
BNA_G
ClientSampleId :
PB139947BL

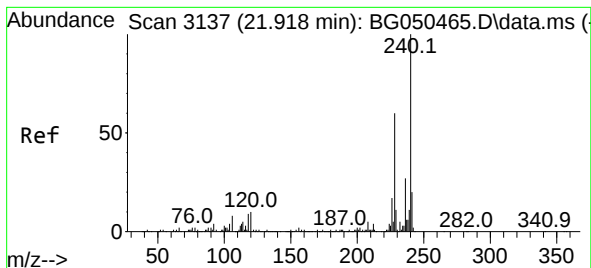
Tgt Ion:188 Resp: 277119
Ion Ratio Lower Upper
188 100
94 10.1 5.4 8.0#
80 12.9 3.7 5.5#



#67
4-Bromophenyl-phenylether
Concen: 4.144 ng
RT: 16.356 min Scan# 2190
Delta R.T. -0.446 min
Lab File: BG050629.D
Acq: 19 Oct 2021 10:48

Tgt Ion:248 Resp: 11573
Ion Ratio Lower Upper
248 100
250 203.5 76.1 114.1#
141 653.4 65.4 98.2#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.914 min Scan# 3136

Delta R.T. -0.011 min

Lab File: BG050629.D

Acq: 19 Oct 2021 10:48

Instrument :

BNA_G

ClientSampleId :

PB139947BL

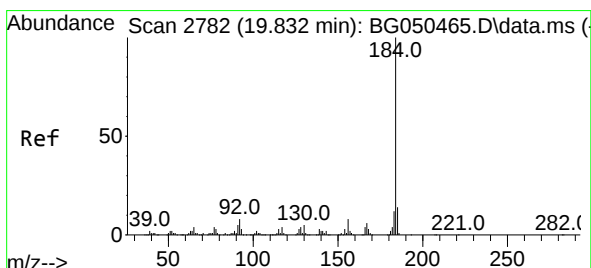
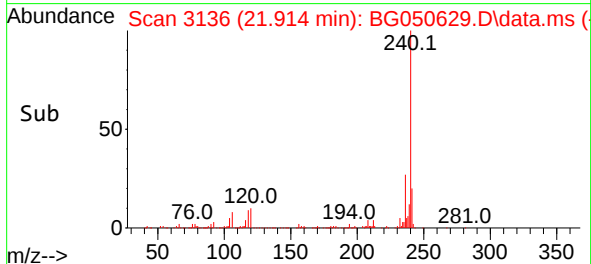
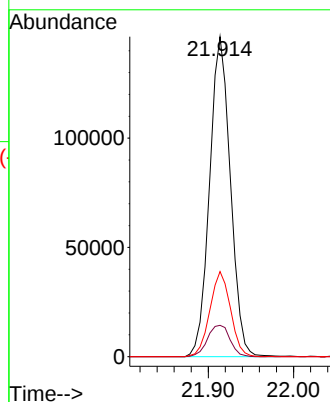
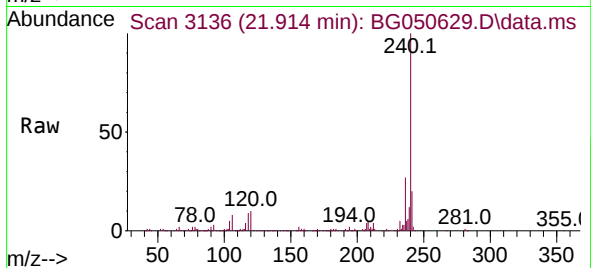
Tgt Ion:240 Resp: 248265

Ion Ratio Lower Upper

240 100

120 9.8 4.2 6.2#

236 26.6 21.8 32.6



#77

Benzidine

Concen: 2.675 ng

RT: 20.204 min Scan# 2845

Delta R.T. 0.371 min

Lab File: BG050629.D

Acq: 19 Oct 2021 10:48

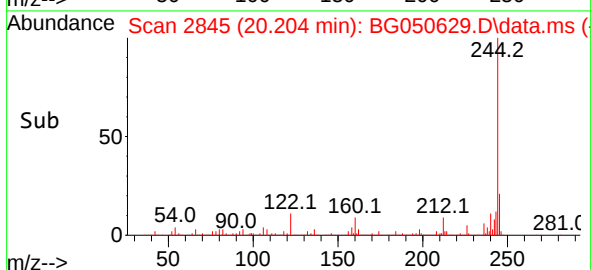
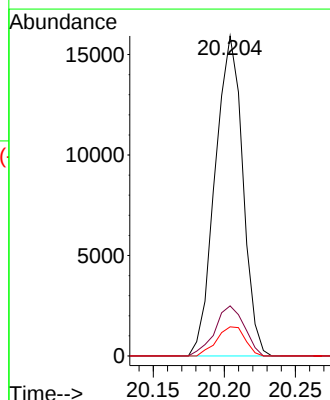
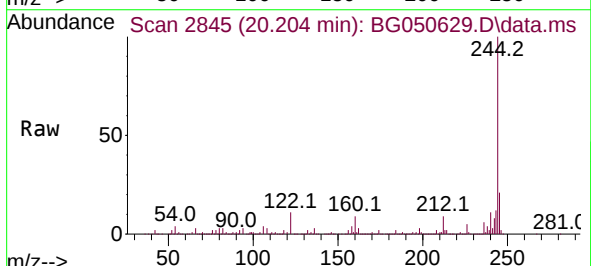
Tgt Ion:184 Resp: 21526

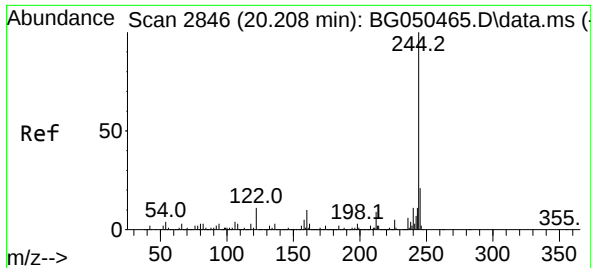
Ion Ratio Lower Upper

184 100

185 15.7 10.7 16.1

183 9.1 9.4 14.0#

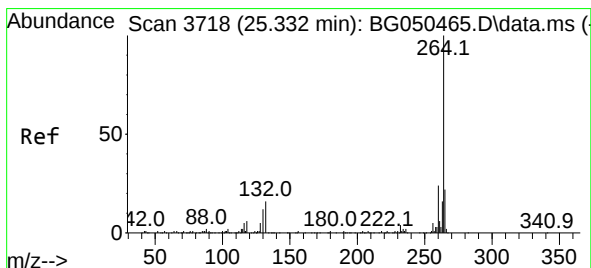
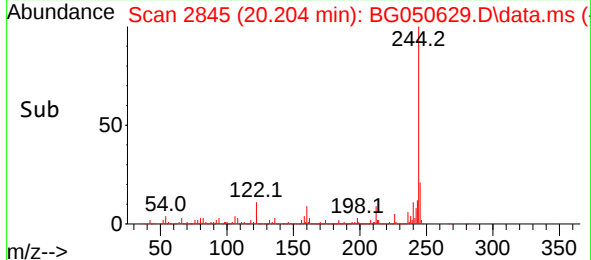
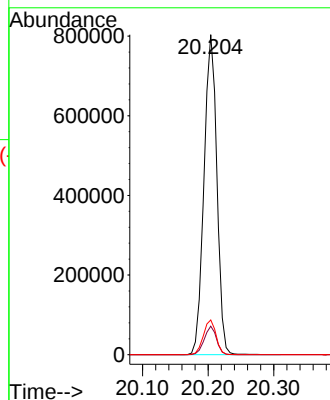
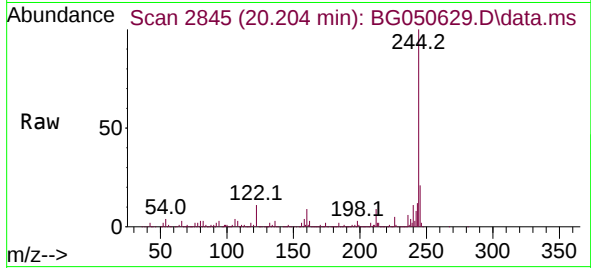




#79
 Terphenyl-d14
 Concen: 86.313 ng
 RT: 20.204 min Scan# 2845
 Delta R.T. -0.005 min
 Lab File: BG050629.D
 Acq: 19 Oct 2021 10:48

Instrument :
 BNA_G
 ClientSampleId :
 PB139947BL

Tgt Ion:244 Resp: 1099559
 Ion Ratio Lower Upper
 244 100
 212 8.9 6.9 10.3
 122 10.8 5.0 7.6#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.322 min Scan# 3716
 Delta R.T. -0.011 min
 Lab File: BG050629.D
 Acq: 19 Oct 2021 10:48

Tgt Ion:264 Resp: 235930
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.4 29.2
 265 21.0 16.9 25.3

