

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101921\
 Data File : BG050633.D
 Acq On : 19 Oct 2021 13:33
 Operator : CG/JU
 Sample : PB139997BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB139997BL

Quant Time: Oct 19 14:35:52 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)

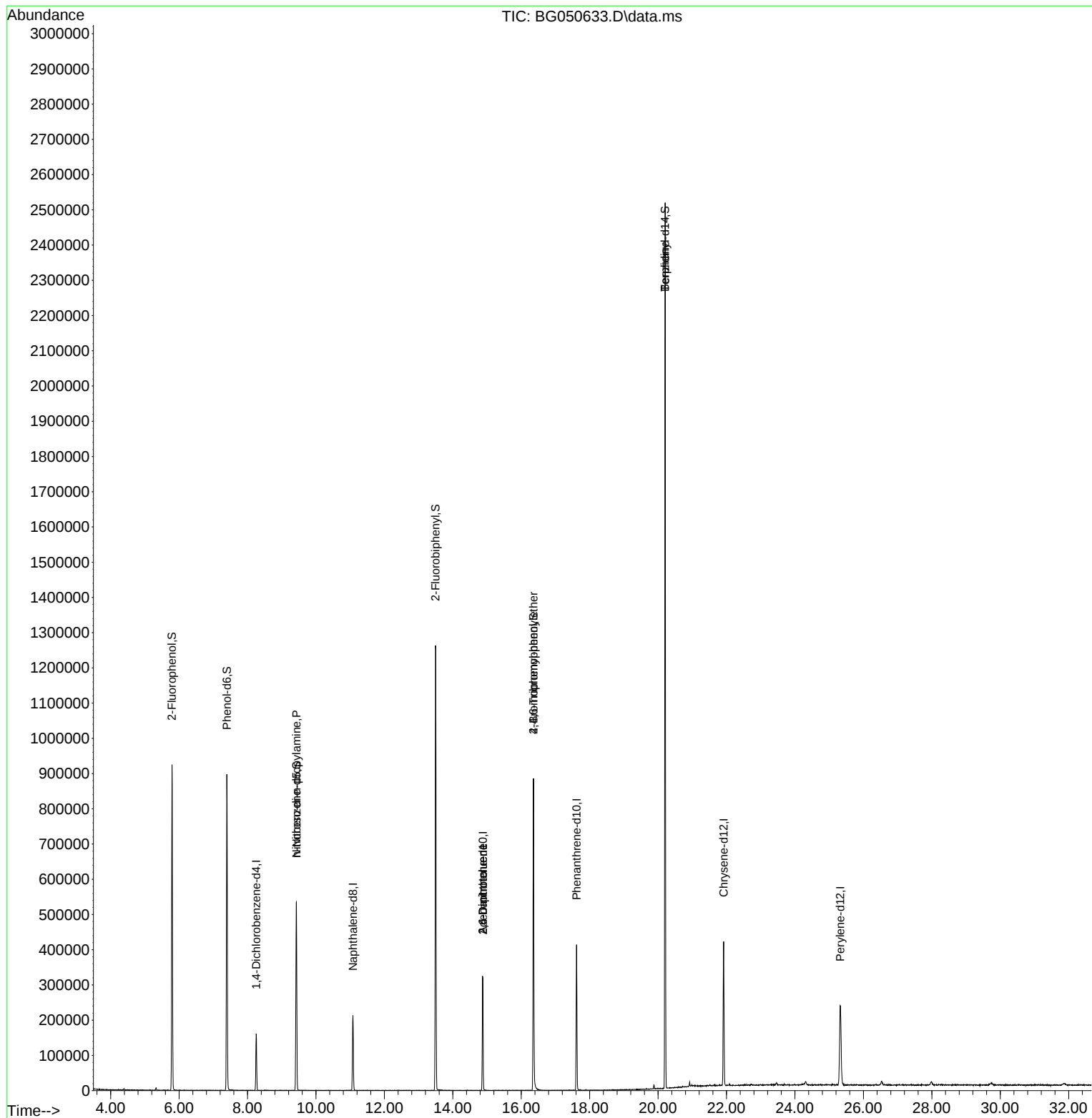
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.254	152	42499	20.000	ng	0.00
21) Naphthalene-d8	11.080	136	177795	20.000	ng	# 0.00
39) Acenaphthene-d10	14.876	164	115952	20.000	ng	0.00
64) Phenanthrene-d10	17.619	188	266303	20.000	ng	# 0.00
76) Chrysene-d12	21.914	240	250948	20.000	ng	#-0.01
86) Perylene-d12	25.322	264	237807	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.792	112	383639	135.002	ng	0.00
7) Phenol-d6	7.396	99	493936	120.053	ng	0.00
23) Nitrobenzene-d5	9.429	82	357152	83.155	ng	0.00
42) 2,4,6-Tribromophenol	16.356	330	133020	120.274	ng	0.00
45) 2-Fluorobiphenyl	13.495	172	646466	83.910	ng	-0.01
79) Terphenyl-d14	20.205	244	1100126	85.434	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	7.396	77	1042	Below Cal	#	10
19) n-Nitroso-di-n-propyla...	9.429	70	50479	16.833	ng	# 68
51) 2,6-Dinitrotoluene	14.876	165	15089	8.595	ng	# 11
57) 2,4-Dinitrotoluene	14.876	165	15089	6.098	ng	# 16
67) 4-Bromophenyl-phenylether	16.356	248	10757	4.009	ng	# 1
77) Benzidine	20.205	184	22348	2.748	ng	# 94

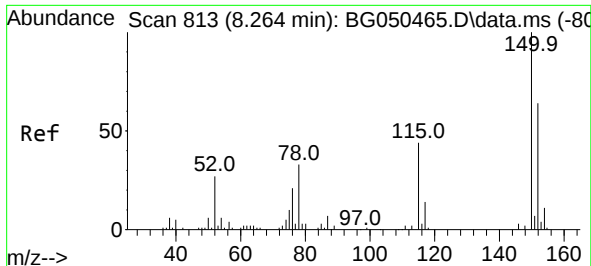
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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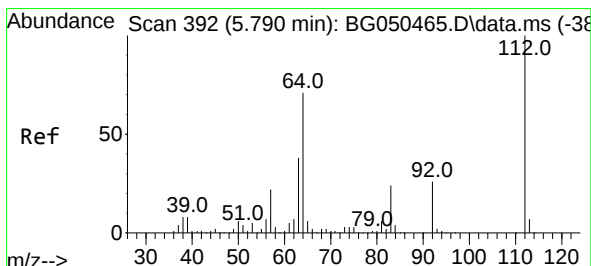
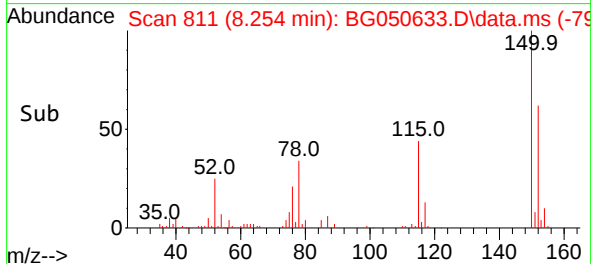
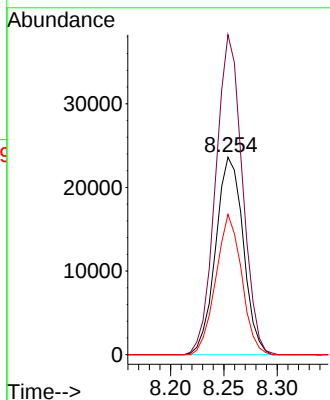
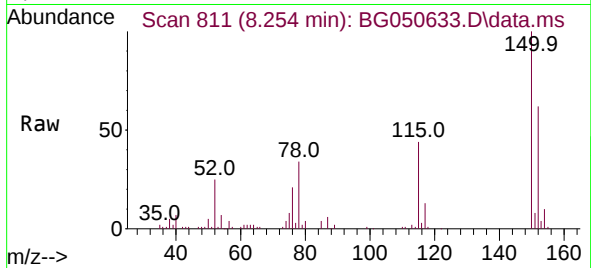




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.254 min Scan# 811
Delta R.T. -0.004 min
Lab File: BG050633.D
Acq: 19 Oct 2021 13:33

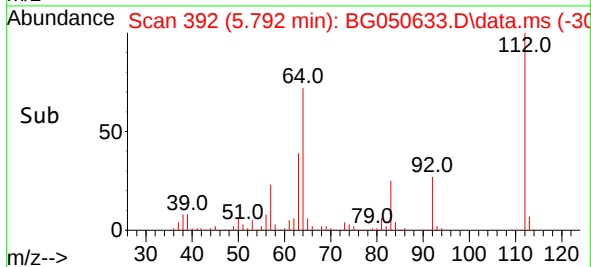
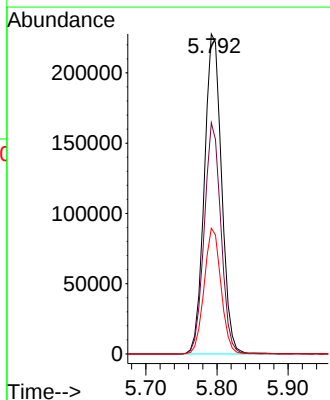
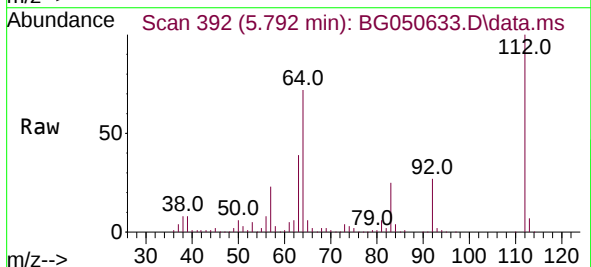
Instrument :
BNA_G
ClientSampleId :
PB139997BL

Tgt Ion:152 Resp: 42499
Ion Ratio Lower Upper
152 100
150 162.1 119.4 179.0
115 71.1 60.2 90.4



#5
2-Fluorophenol
Concen: 135.002 ng
RT: 5.792 min Scan# 392
Delta R.T. 0.001 min
Lab File: BG050633.D
Acq: 19 Oct 2021 13:33

Tgt Ion:112 Resp: 383639
Ion Ratio Lower Upper
112 100
64 72.2 46.7 70.1#
63 39.3 35.3 52.9

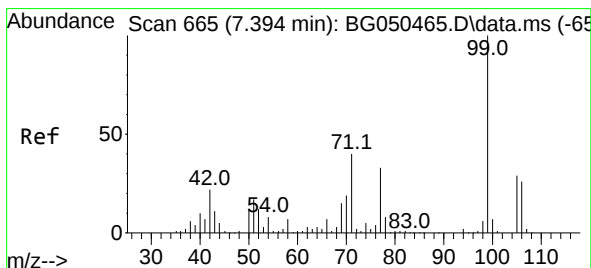
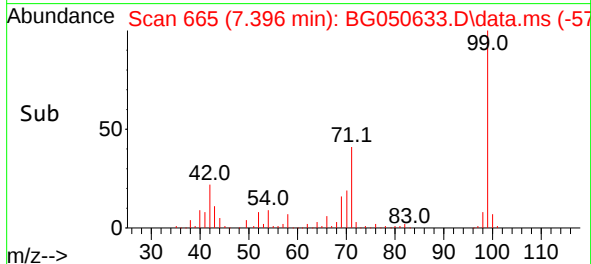
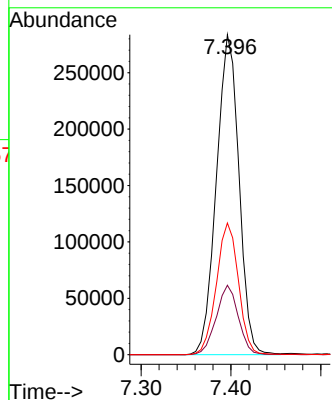
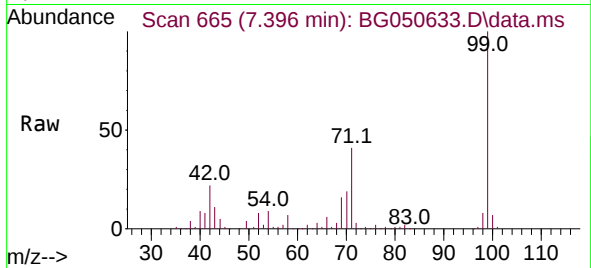




#7
Phenol-d6
Concen: 120.053 ng
RT: 7.396 min Scan# 665
Delta R.T. -0.005 min
Lab File: BG050633.D
Acq: 19 Oct 2021 13:33

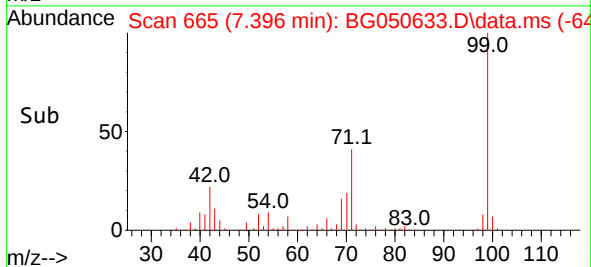
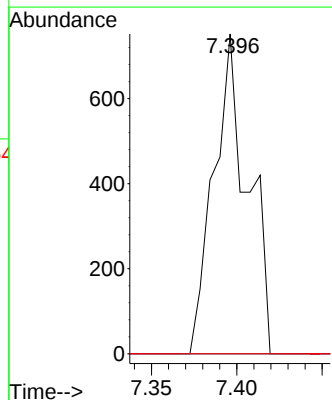
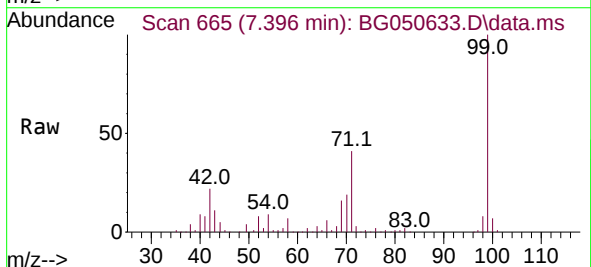
Instrument :
BNA_G
ClientSampleId :
PB139997BL

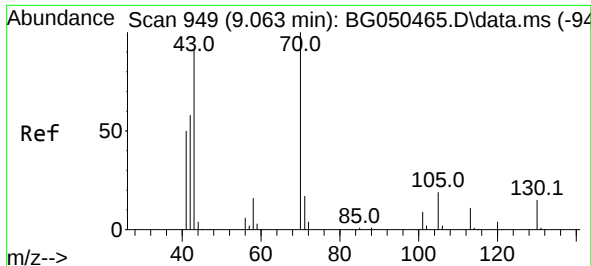
Tgt Ion: 99 Resp: 493936
Ion Ratio Lower Upper
99 100
42 21.7 20.5 30.7
71 41.2 41.5 62.3#



#9
Benzaldehyde
Concen: Below Cal
RT: 7.396 min Scan# 665
Delta R.T. 0.007 min
Lab File: BG050633.D
Acq: 19 Oct 2021 13:33

Tgt Ion: 77 Resp: 1042
Ion Ratio Lower Upper
77 100
105 0.0 68.8 108.8#
106 0.0 47.9 87.9#

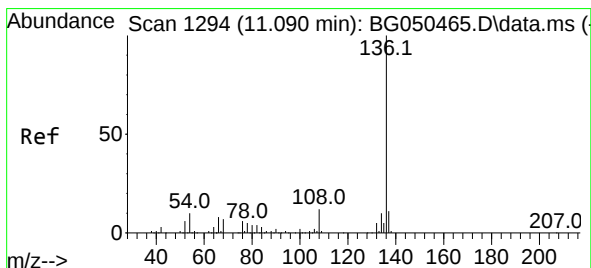
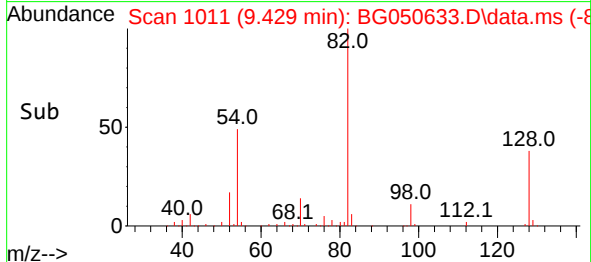
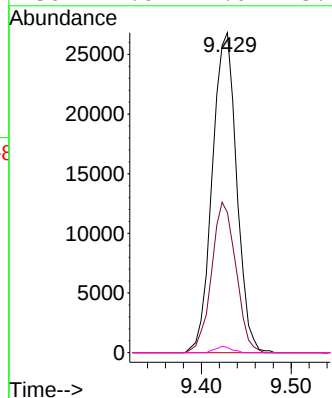
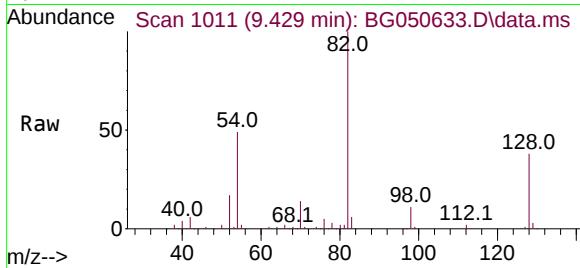




#19
n-Nitroso-di-n-propylamine
Concen: 16.833 ng
RT: 9.429 min Scan# 1011
Delta R.T. 0.372 min
Lab File: BG050633.D
Acq: 19 Oct 2021 13:33

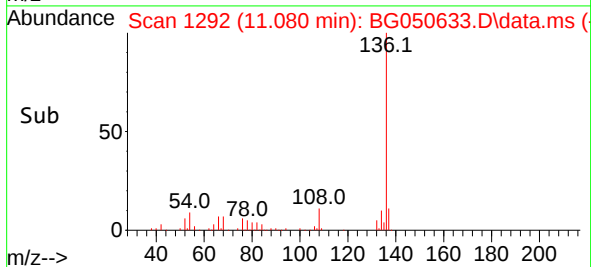
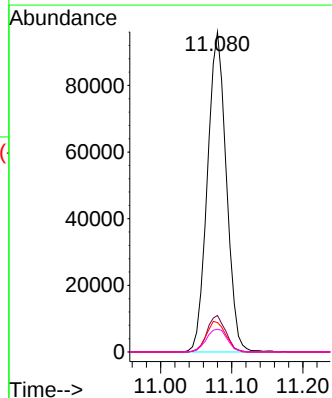
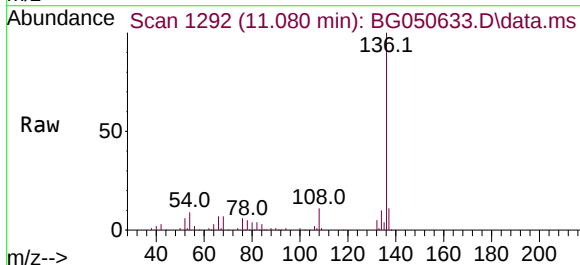
Instrument :
BNA_G
ClientSampleId :
PB139997BL

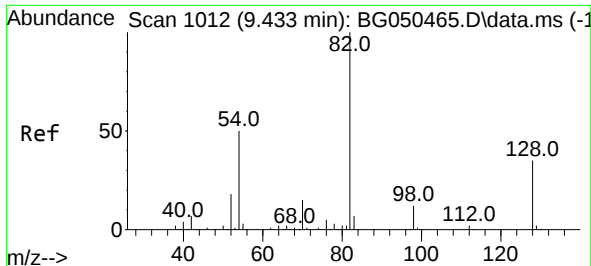
Tgt Ion:	70	Resp:	50479
Ion	Ratio	Lower	Upper
70	100		
42	43.8	54.5	81.7#
101	0.0	9.0	13.6#
130	1.6	17.0	25.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.080 min Scan# 1292
Delta R.T. -0.004 min
Lab File: BG050633.D
Acq: 19 Oct 2021 13:33

Tgt Ion:	136	Resp:	177795
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.2	12.2
54	9.2	5.5	8.3#
68	7.1	2.3	3.5#

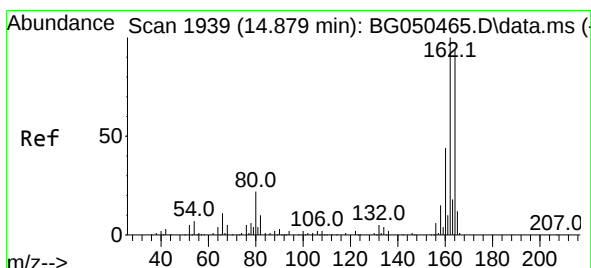
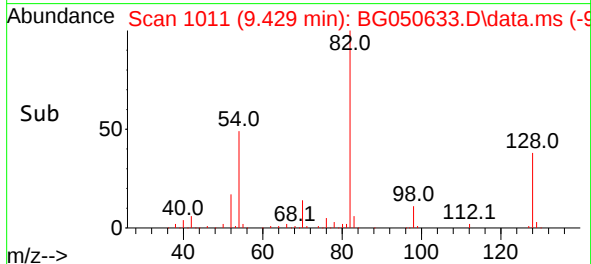
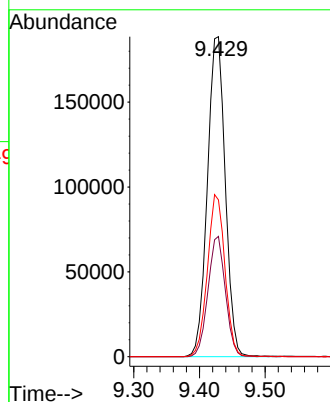
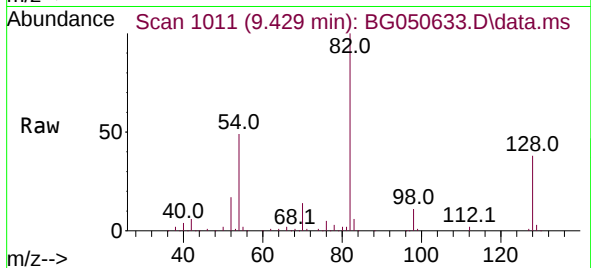




#23
Nitrobenzene-d5
Concen: 83.155 ng
RT: 9.429 min Scan# 1011
Delta R.T. 0.001 min
Lab File: BG050633.D
Acq: 19 Oct 2021 13:33

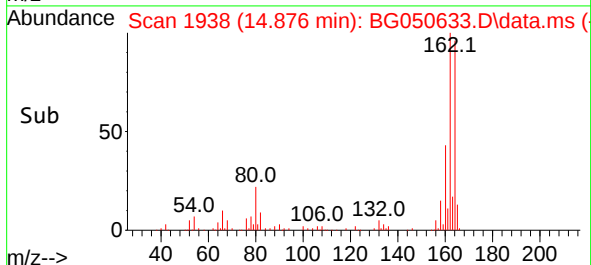
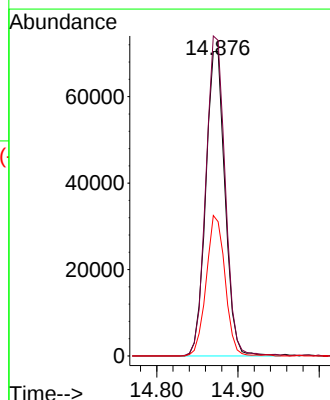
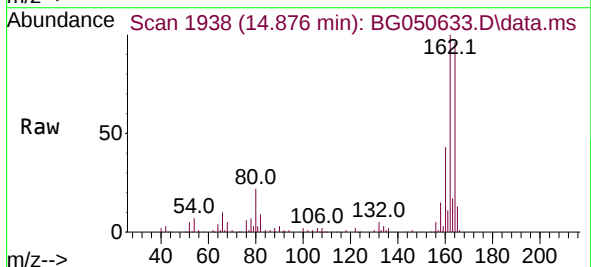
Instrument :
BNA_G
ClientSampleId :
PB139997BL

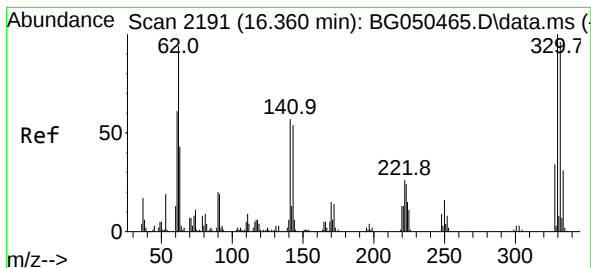
Tgt Ion: 82 Resp: 357152
Ion Ratio Lower Upper
82 100
128 37.6 29.8 44.6
54 49.0 45.8 68.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.876 min Scan# 1938
Delta R.T. 0.001 min
Lab File: BG050633.D
Acq: 19 Oct 2021 13:33

Tgt Ion:164 Resp: 115952
Ion Ratio Lower Upper
164 100
162 103.7 81.4 122.0
160 44.1 34.9 52.3

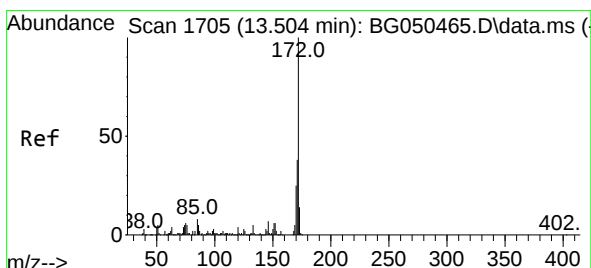
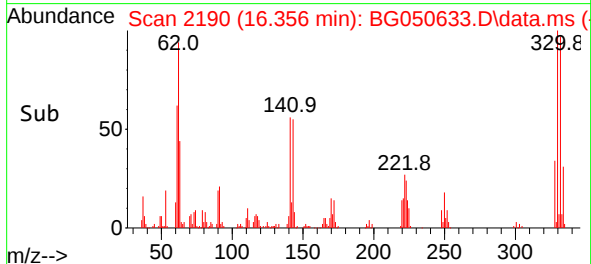
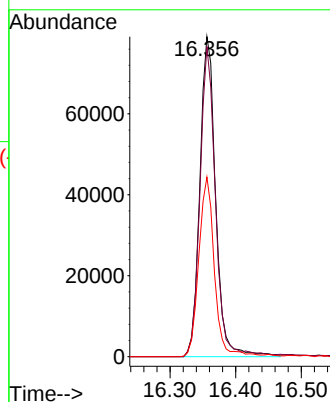
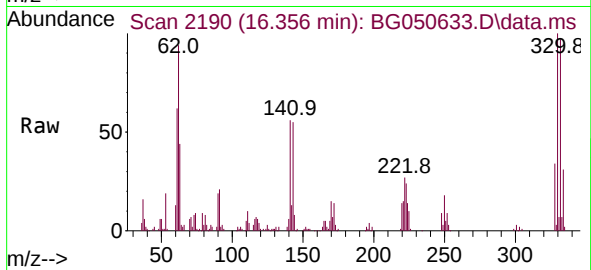




#42
2,4,6-Tribromophenol
Concen: 120.274 ng
RT: 16.356 min Scan# 2190
Delta R.T. -0.005 min
Lab File: BG050633.D
Acq: 19 Oct 2021 13:33

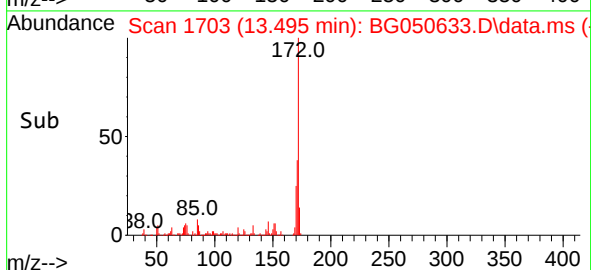
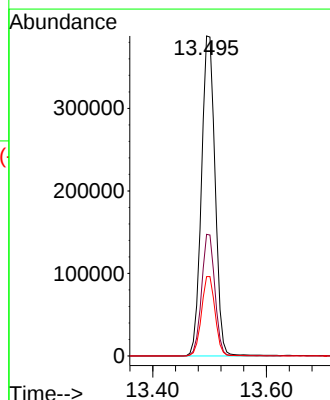
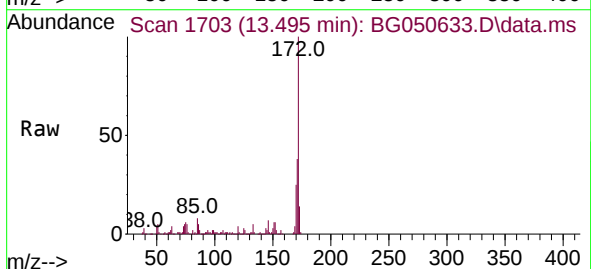
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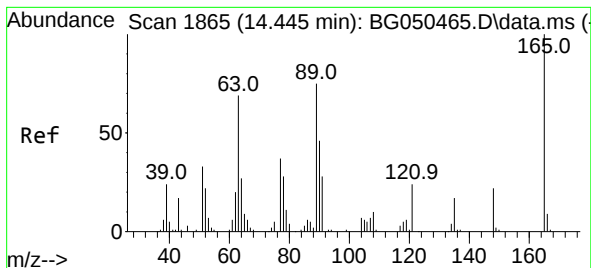
Tgt Ion:330 Resp: 133020
Ion Ratio Lower Upper
330 100
332 95.1 77.3 115.9
141 55.1 35.6 53.4#



#45
2-Fluorobiphenyl
Concen: 83.910 ng
RT: 13.495 min Scan# 1703
Delta R.T. -0.010 min
Lab File: BG050633.D
Acq: 19 Oct 2021 13:33

Tgt Ion:172 Resp: 646466
Ion Ratio Lower Upper
172 100
171 38.0 28.6 43.0
170 24.8 18.6 27.8

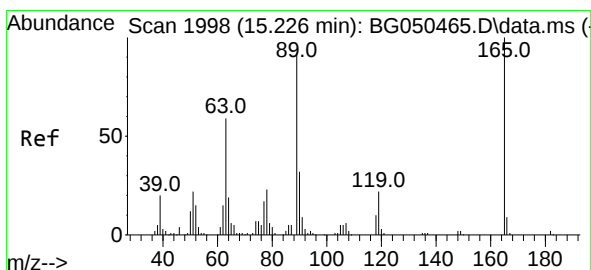
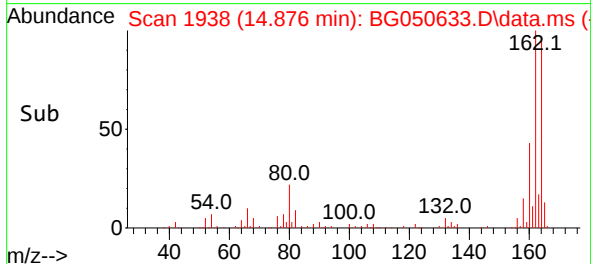
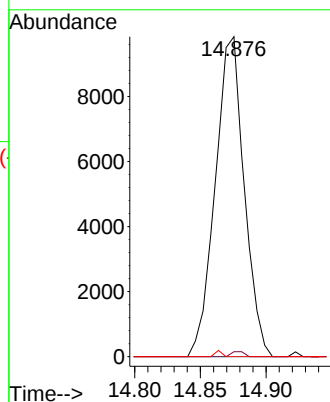
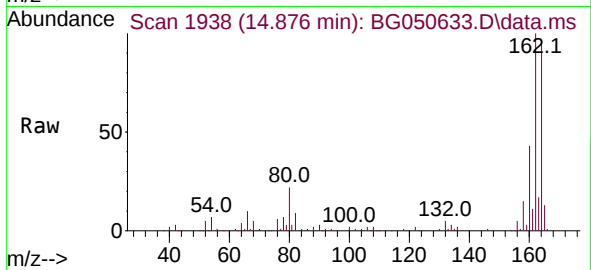




#51
2,6-Dinitrotoluene
Concen: 8.595 ng
RT: 14.876 min Scan# 1938
Delta R.T. 0.430 min
Lab File: BG050633.D
Acq: 19 Oct 2021 13:33

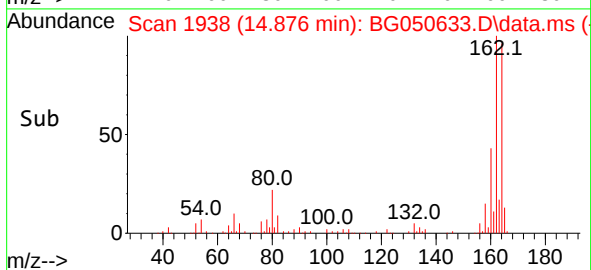
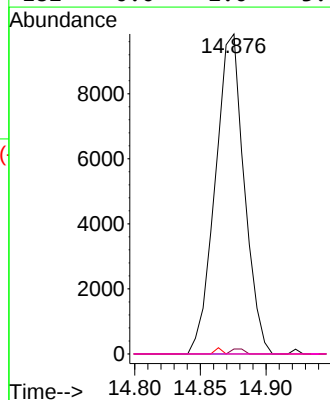
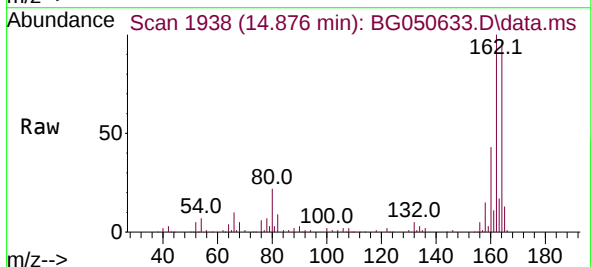
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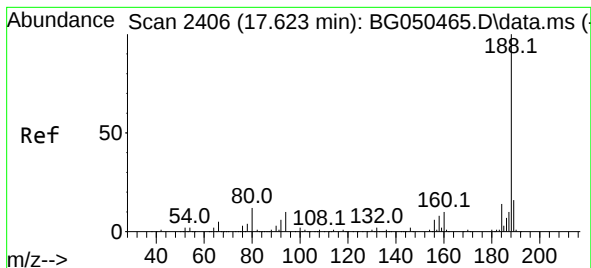
Tgt Ion:165 Resp: 15089
Ion Ratio Lower Upper
165 100
63 1.5 63.3 94.9#
89 0.0 63.4 95.0#



#57
2,4-Dinitrotoluene
Concen: 6.098 ng
RT: 14.876 min Scan# 1938
Delta R.T. -0.351 min
Lab File: BG050633.D
Acq: 19 Oct 2021 13:33

Tgt Ion:165 Resp: 15089
Ion Ratio Lower Upper
165 100
63 1.5 48.0 72.0#
89 0.0 65.4 98.0#
182 0.0 2.0 3.0#

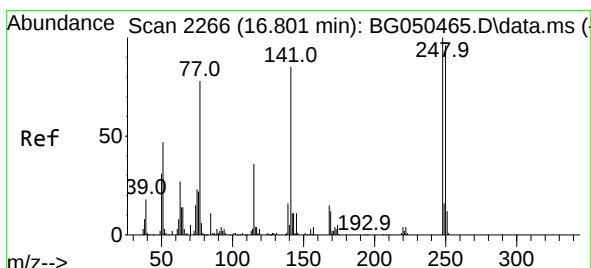
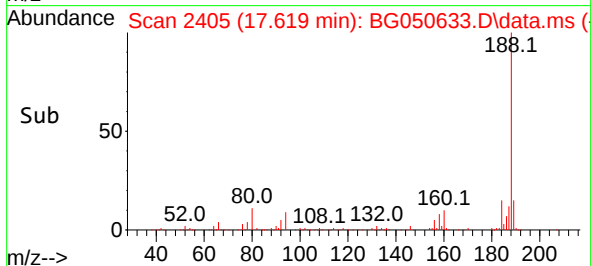
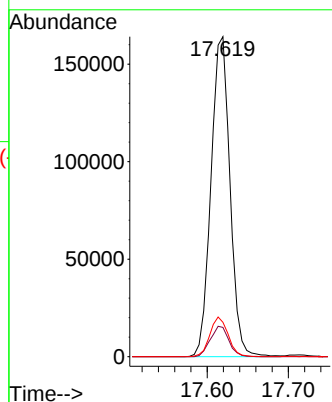
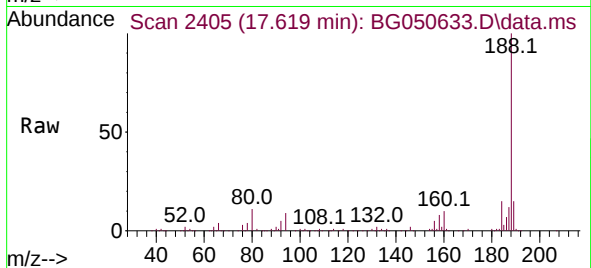




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.619 min Scan# 2405
Delta R.T. 0.001 min
Lab File: BG050633.D
Acq: 19 Oct 2021 13:33

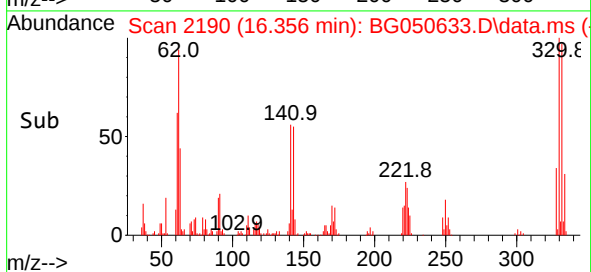
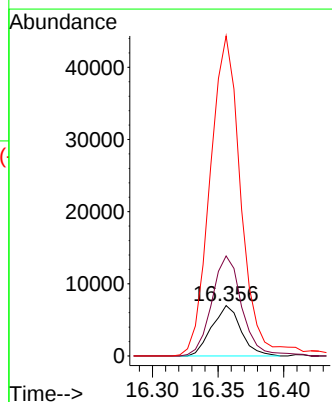
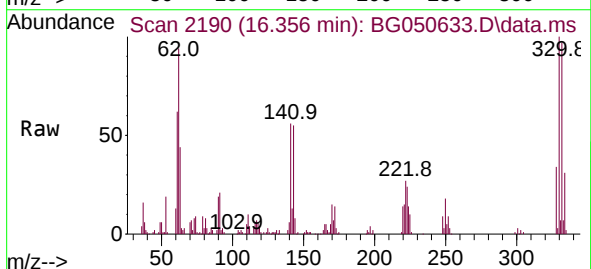
Instrument :
BNA_G
ClientSampleId :
PB139997BL

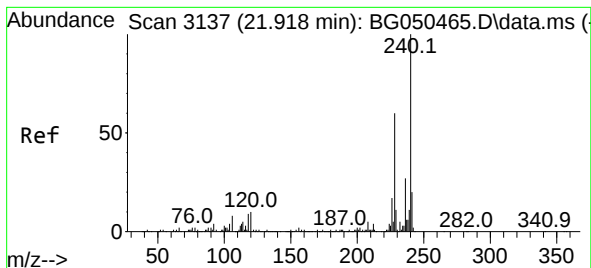
Tgt Ion:188 Resp: 266303
Ion Ratio Lower Upper
188 100
94 9.2 5.4 8.0#
80 10.8 3.7 5.5#



#67
4-Bromophenyl-phenylether
Concen: 4.009 ng
RT: 16.356 min Scan# 2190
Delta R.T. -0.445 min
Lab File: BG050633.D
Acq: 19 Oct 2021 13:33

Tgt Ion:248 Resp: 10757
Ion Ratio Lower Upper
248 100
250 198.3 76.1 114.1#
141 634.0 65.4 98.2#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.914 min Scan# 3136

Delta R.T. -0.010 min

Lab File: BG050633.D

Acq: 19 Oct 2021 13:33

Instrument :

BNA_G

ClientSampleId :

PB139997BL

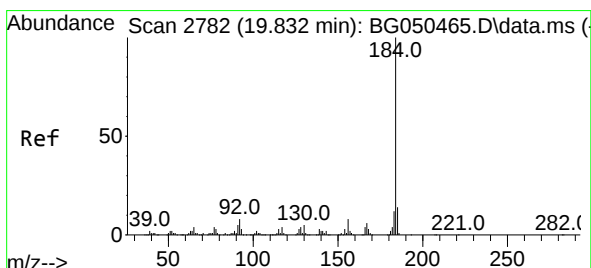
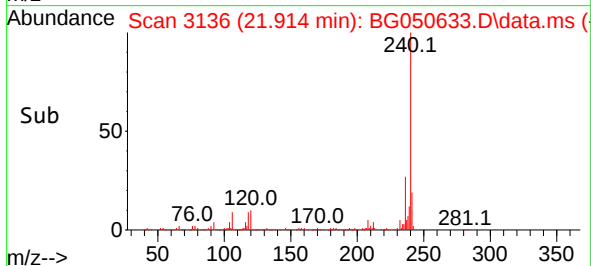
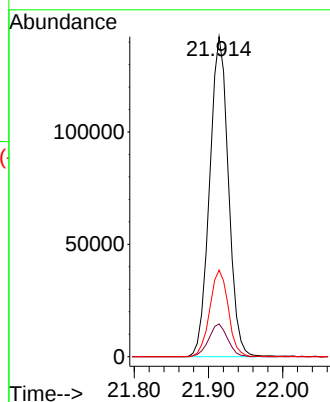
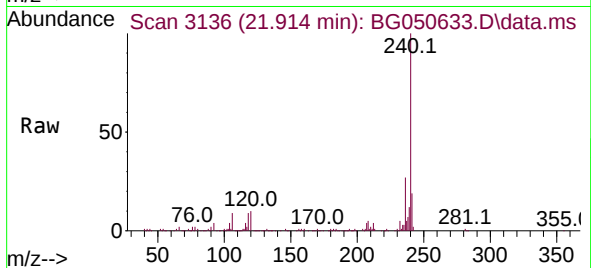
Tgt Ion:240 Resp: 250948

Ion Ratio Lower Upper

240 100

120 10.2 4.2 6.2#

236 27.1 21.8 32.6



#77

Benzidine

Concen: 2.748 ng

RT: 20.205 min Scan# 2845

Delta R.T. 0.372 min

Lab File: BG050633.D

Acq: 19 Oct 2021 13:33

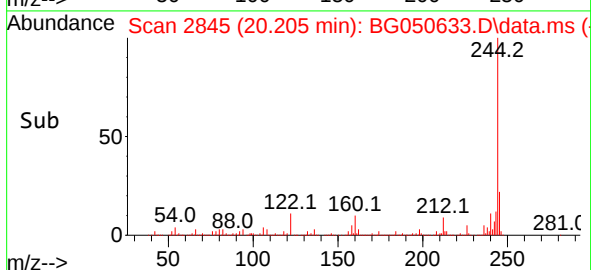
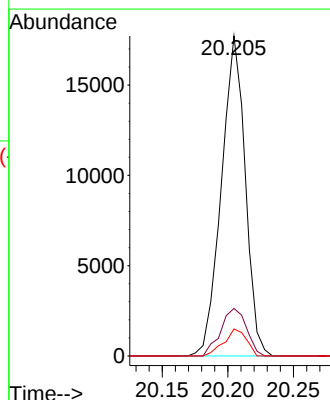
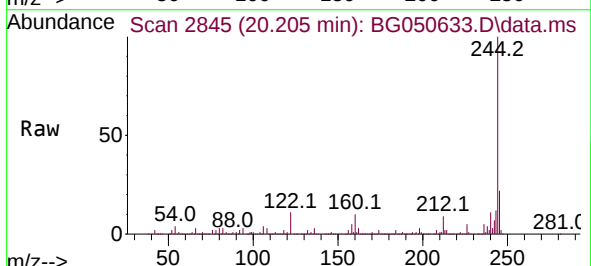
Tgt Ion:184 Resp: 22348

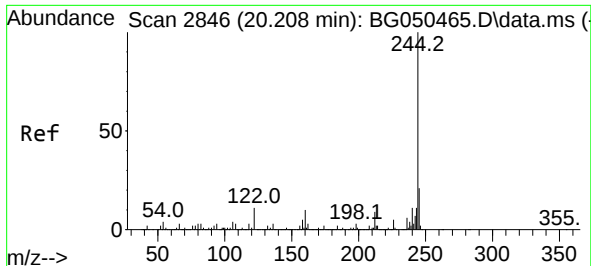
Ion Ratio Lower Upper

184 100

185 14.8 10.7 16.1

183 8.4 9.4 14.0#

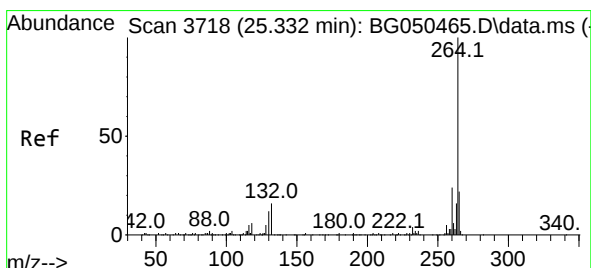
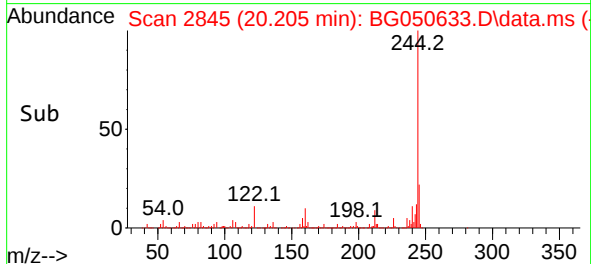
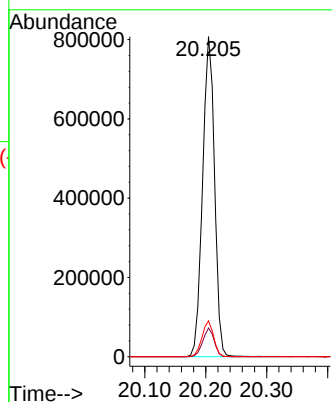
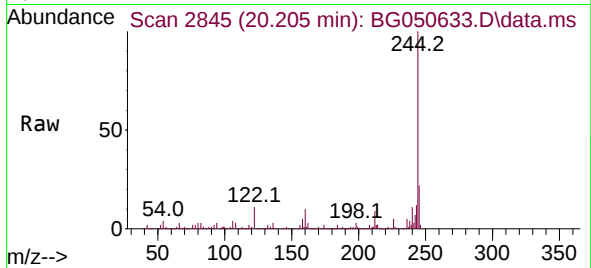




#79
 Terphenyl-d14
 Concen: 85.434 ng
 RT: 20.205 min Scan# 2845
 Delta R.T. -0.004 min
 Lab File: BG050633.D
 Acq: 19 Oct 2021 13:33

Instrument :
 BNA_G
 ClientSampleId :
 PB139997BL

Tgt Ion:244 Resp: 1100126
 Ion Ratio Lower Upper
 244 100
 212 9.0 6.9 10.3
 122 11.1 5.0 7.6#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.322 min Scan# 3716
 Delta R.T. -0.010 min
 Lab File: BG050633.D
 Acq: 19 Oct 2021 13:33

Tgt Ion:264 Resp: 237807
 Ion Ratio Lower Upper
 264 100
 260 25.4 19.4 29.2
 265 22.8 16.9 25.3

