

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101821\
 Data File : BG050613.D
 Acq On : 18 Oct 2021 11:34
 Operator : CG/JU
 Sample : PB139926TB
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB139926TB

Quant Time: Oct 18 12:17:25 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)

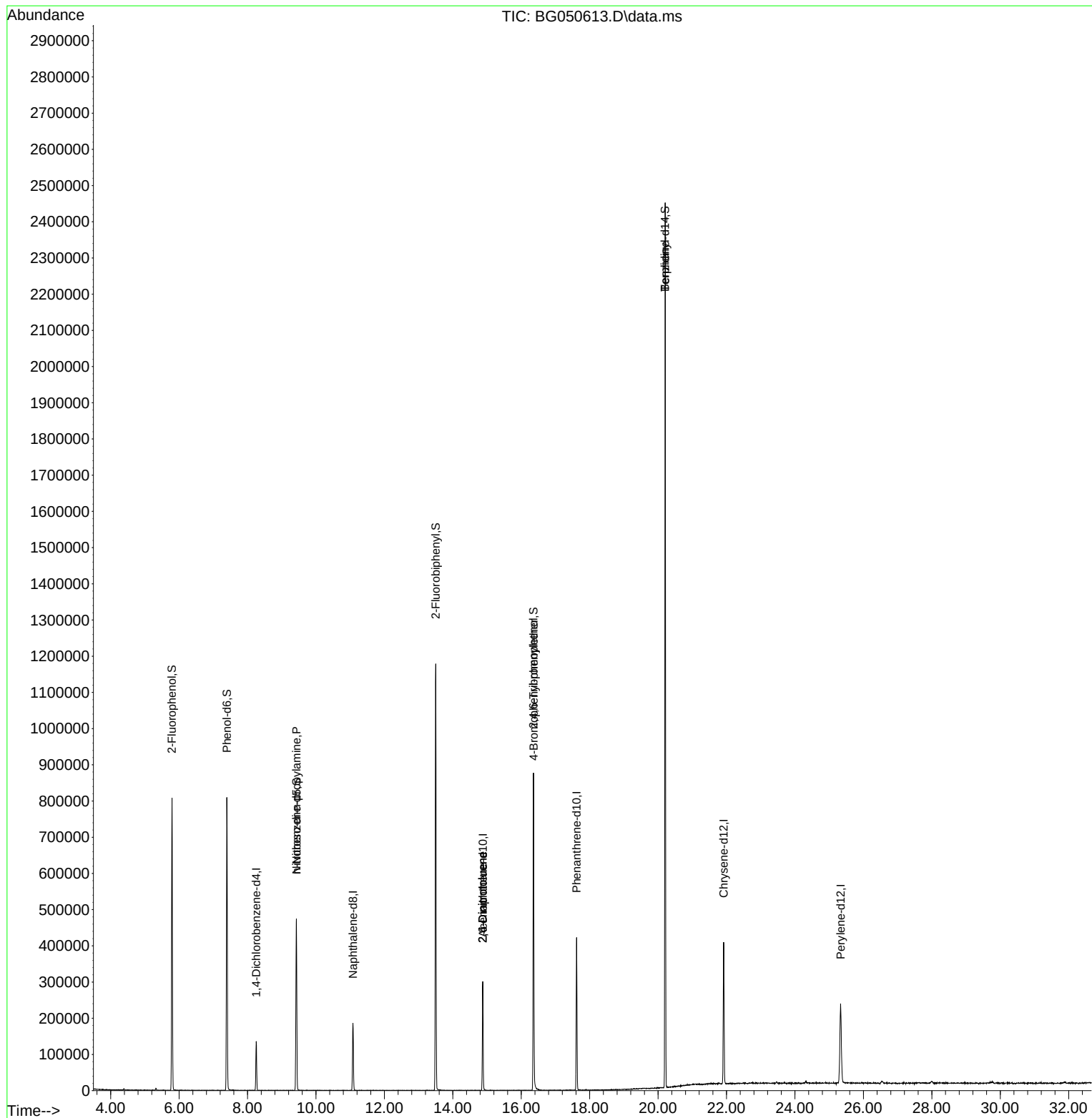
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.254	152	35361	20.000	ng	0.00
21) Naphthalene-d8	11.080	136	154753	20.000	ng	# 0.00
39) Acenaphthene-d10	14.876	164	107883	20.000	ng	0.00
64) Phenanthrene-d10	17.620	188	262943	20.000	ng	# 0.00
76) Chrysene-d12	21.915	240	242650	20.000	ng	# 0.00
86) Perylene-d12	25.334	264	231969	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.793	112	329130	139.200	ng	0.00
7) Phenol-d6	7.397	99	441428	128.949	ng	0.00
23) Nitrobenzene-d5	9.429	82	314589	84.151	ng	0.00
42) 2,4,6-Tribromophenol	16.357	330	131255	127.554	ng	0.00
45) 2-Fluorobiphenyl	13.501	172	586935	81.881	ng	0.00
79) Terphenyl-d14	20.205	244	1068635	85.827	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	7.402	77	842	Below Cal	#	10
19) n-Nitroso-di-n-propyla...	9.429	70	43850	17.574	ng	# 71
51) 2,6-Dinitrotoluene	14.870	165	13763	8.426	ng	# 11
57) 2,4-Dinitrotoluene	14.870	165	13763	5.978	ng	# 16
67) 4-Bromophenyl-phenylether	16.363	248	10906	4.116	ng	# 1
77) Benzidine	20.205	184	21047	2.676	ng	# 90

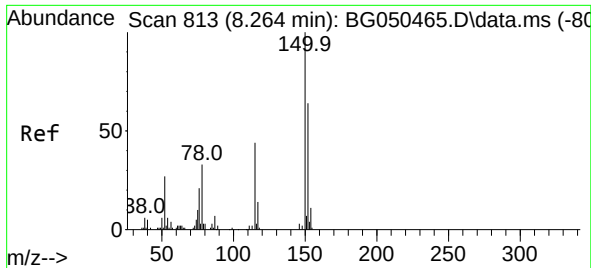
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101821\
Data File : BG050613.D
Acq On : 18 Oct 2021 11:34
Operator : CG/JU
Sample : PB139926TB
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB139926TB

Quant Time: Oct 18 12:17:25 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

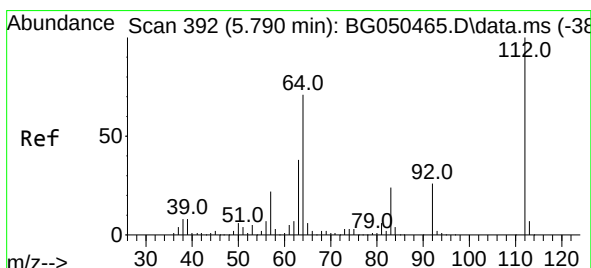
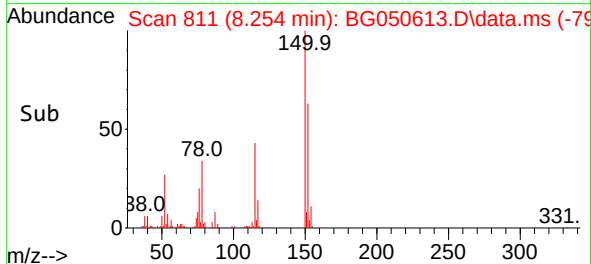
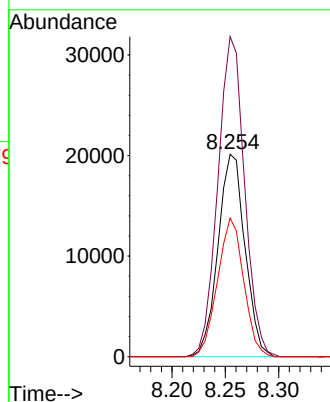
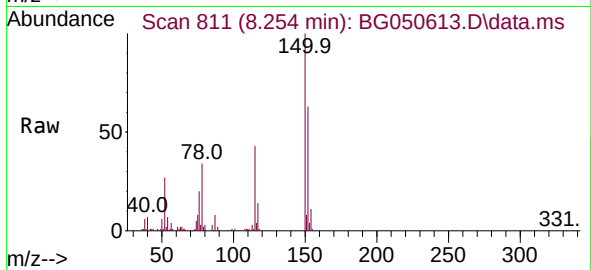




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.254 min Scan# 811
Delta R.T. -0.004 min
Lab File: BG050613.D
Acq: 18 Oct 2021 11:34

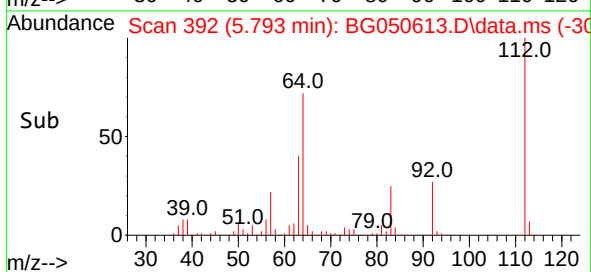
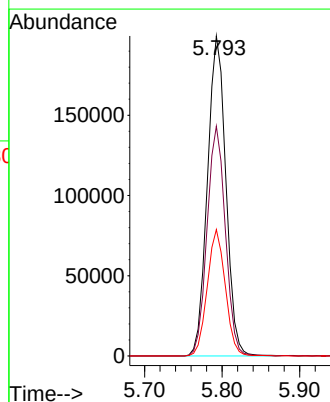
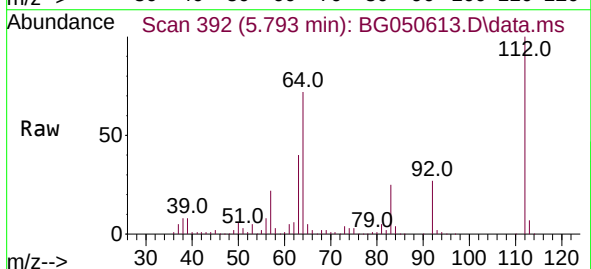
Instrument :
BNA_G
ClientSampleId :
PB139926TB

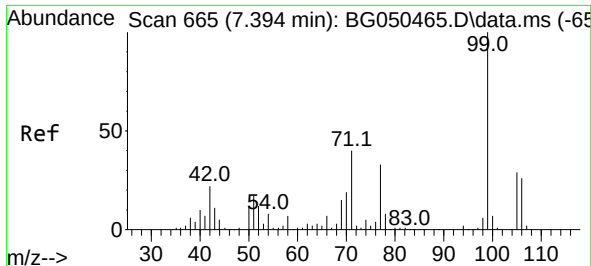
Tgt Ion:152 Resp: 35361
Ion Ratio Lower Upper
152 100
150 158.1 119.4 179.0
115 68.4 60.2 90.4



#5
2-Fluorophenol
Concen: 139.200 ng
RT: 5.793 min Scan# 392
Delta R.T. 0.002 min
Lab File: BG050613.D
Acq: 18 Oct 2021 11:34

Tgt Ion:112 Resp: 329130
Ion Ratio Lower Upper
112 100
64 71.8 46.7 70.1#
63 39.5 35.3 52.9

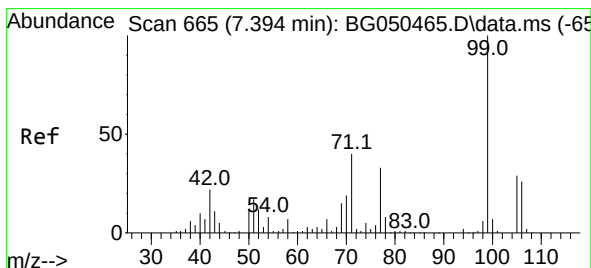
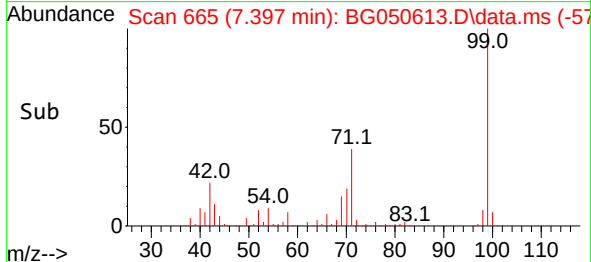
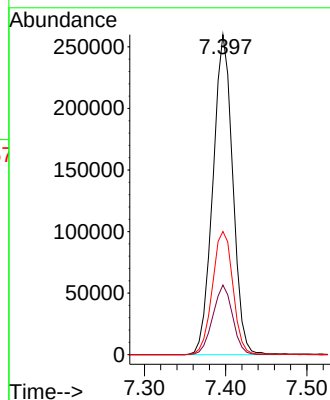
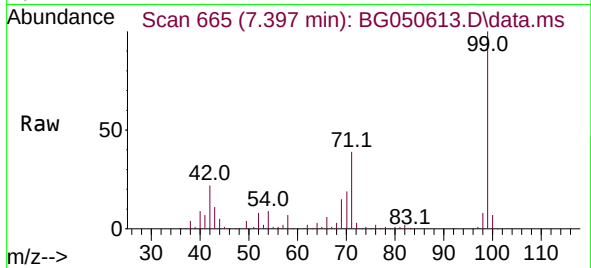




#7
Phenol-d6
Concen: 128.949 ng
RT: 7.397 min Scan# 665
Delta R.T. -0.004 min
Lab File: BG050613.D
Acq: 18 Oct 2021 11:34

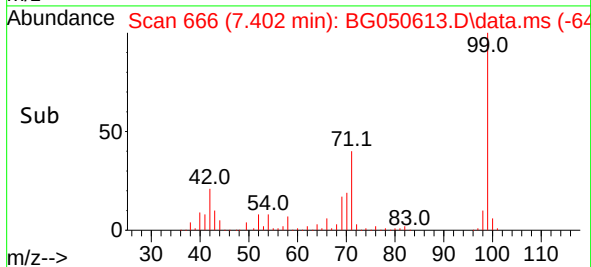
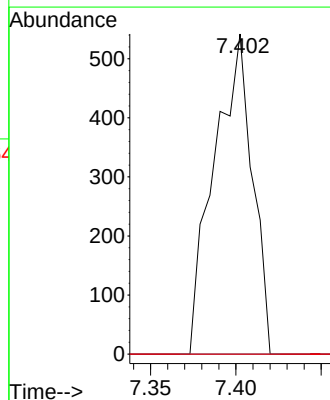
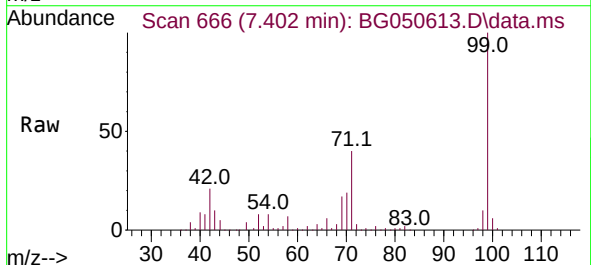
Instrument :
BNA_G
ClientSampleId :
PB139926TB

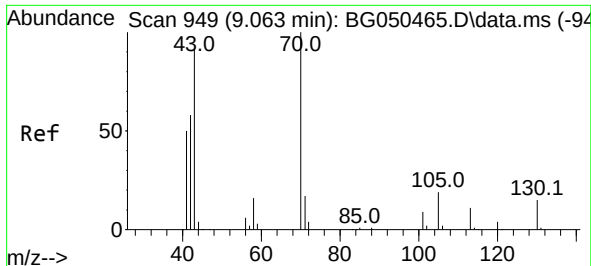
Tgt Ion: 99 Resp: 441428
Ion Ratio Lower Upper
99 100
42 21.7 20.5 30.7
71 38.5 41.5 62.3#



#9
Benzaldehyde
Concen: Below Cal
RT: 7.402 min Scan# 666
Delta R.T. 0.014 min
Lab File: BG050613.D
Acq: 18 Oct 2021 11:34

Tgt Ion: 77 Resp: 842
Ion Ratio Lower Upper
77 100
105 0.0 68.8 108.8#
106 0.0 47.9 87.9#

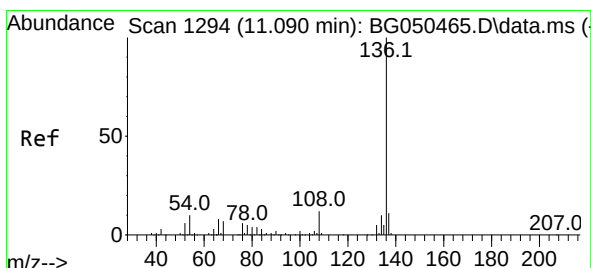
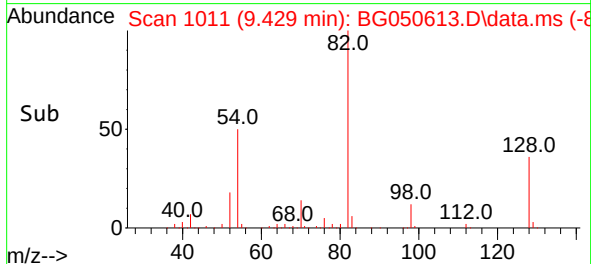
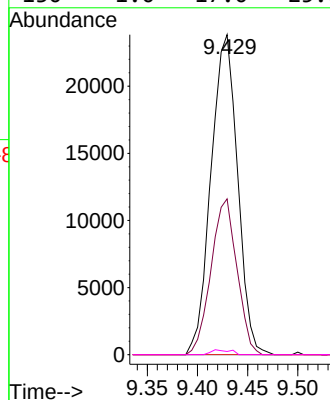
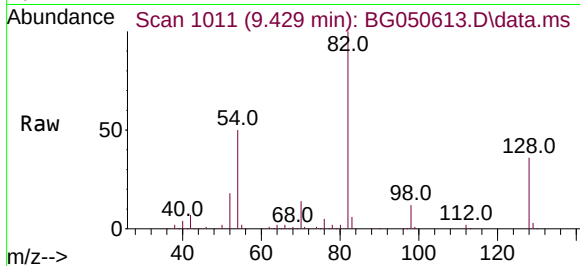




#19
n-Nitroso-di-n-propylamine
Concen: 17.574 ng
RT: 9.429 min Scan# 1011
Delta R.T. 0.372 min
Lab File: BG050613.D
Acq: 18 Oct 2021 11:34

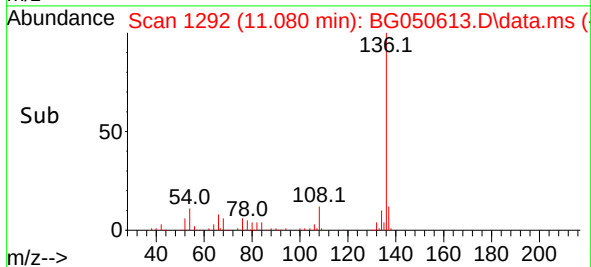
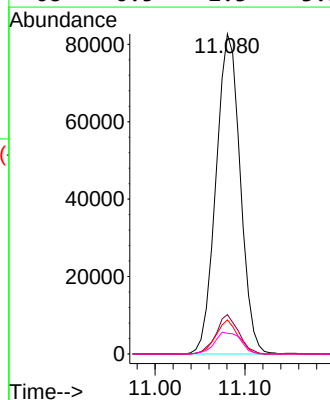
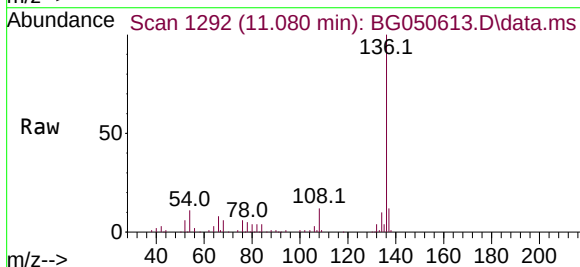
Instrument :
BNA_G
ClientSampleId :
PB139926TB

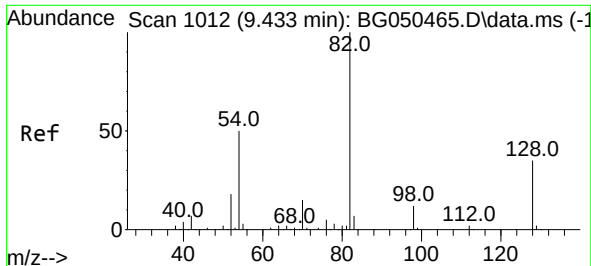
Tgt Ion: 70 Resp: 43850
Ion Ratio Lower Upper
70 100
42 48.7 54.5 81.7#
101 0.0 9.0 13.6#
130 1.0 17.0 25.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.080 min Scan# 1292
Delta R.T. -0.004 min
Lab File: BG050613.D
Acq: 18 Oct 2021 11:34

Tgt Ion: 136 Resp: 154753
Ion Ratio Lower Upper
136 100
137 12.3 8.2 12.2#
54 10.7 5.5 8.3#
68 6.5 2.3 3.5#

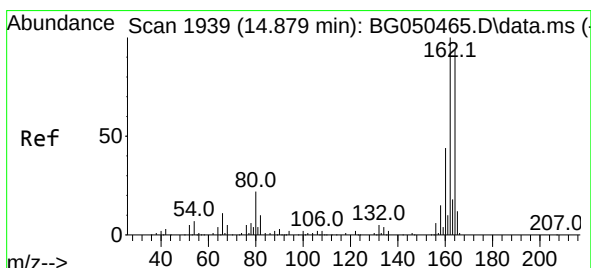
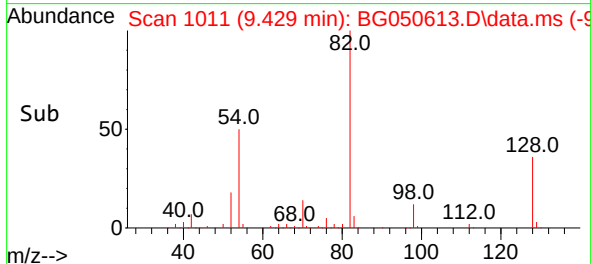
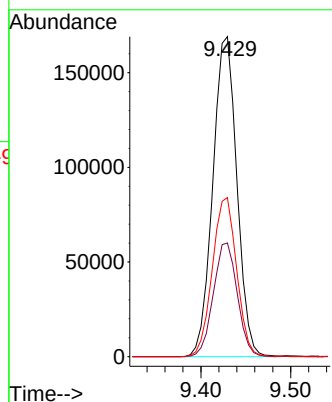
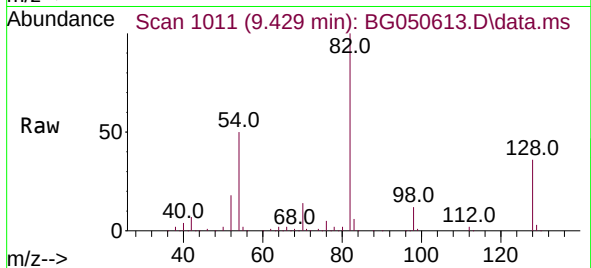




#23
Nitrobenzene-d5
Concen: 84.151 ng
RT: 9.429 min Scan# 1011
Delta R.T. 0.002 min
Lab File: BG050613.D
Acq: 18 Oct 2021 11:34

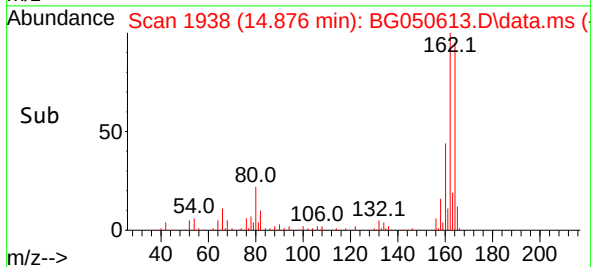
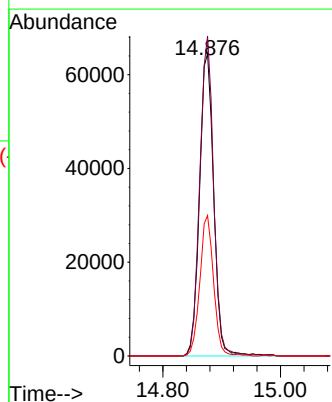
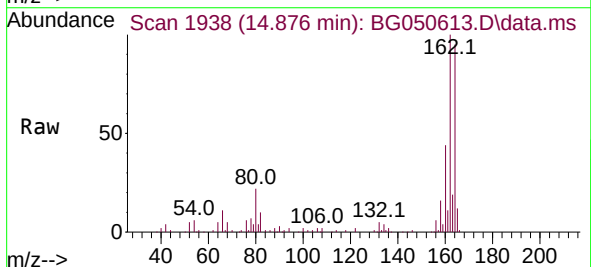
Instrument :
BNA_G
ClientSampleId :
PB139926TB

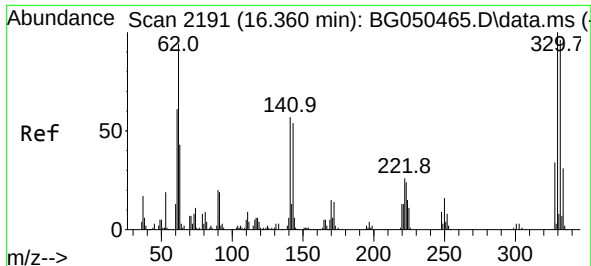
Tgt Ion: 82 Resp: 314589
Ion Ratio Lower Upper
82 100
128 35.6 29.8 44.6
54 49.7 45.8 68.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.876 min Scan# 1938
Delta R.T. 0.002 min
Lab File: BG050613.D
Acq: 18 Oct 2021 11:34

Tgt Ion:164 Resp: 107883
Ion Ratio Lower Upper
164 100
162 105.8 81.4 122.0
160 46.4 34.9 52.3

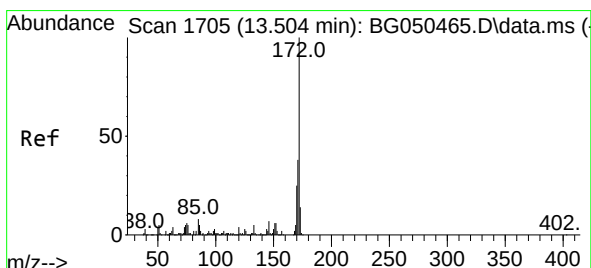
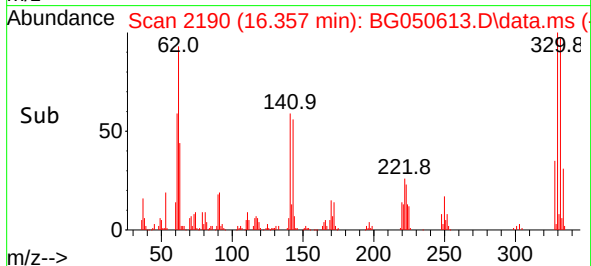
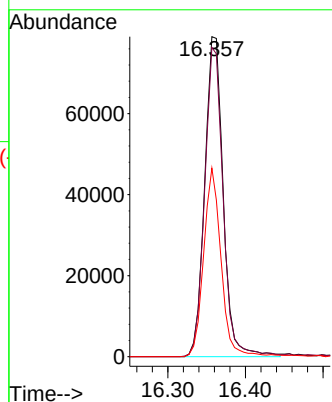
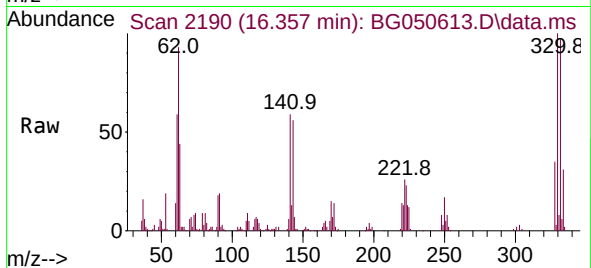




#42
2,4,6-Tribromophenol
Concen: 127.554 ng
RT: 16.357 min Scan# 2190
Delta R.T. -0.004 min
Lab File: BG050613.D
Acq: 18 Oct 2021 11:34

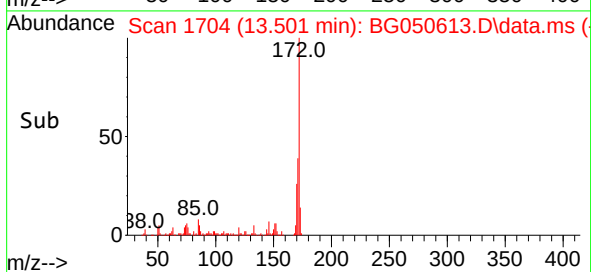
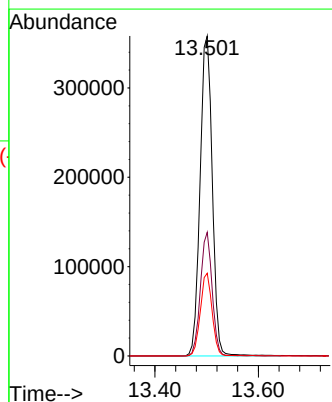
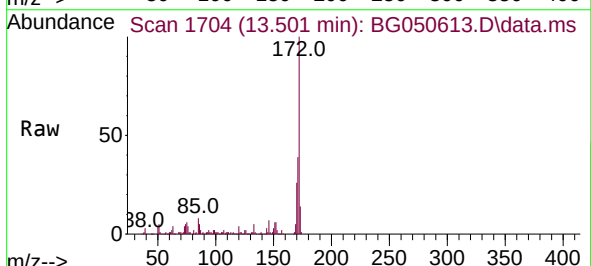
Instrument :
BNA_G
ClientSampleId :
PB139926TB

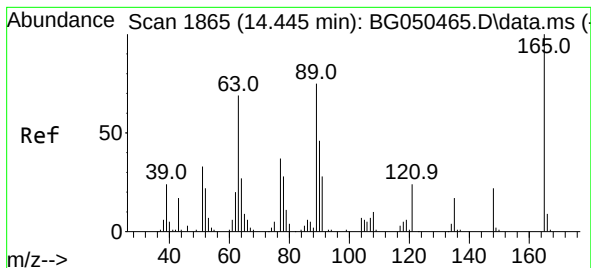
Tgt Ion:330 Resp: 131255
Ion Ratio Lower Upper
330 100
332 97.0 77.3 115.9
141 54.9 35.6 53.4#



#45
2-Fluorobiphenyl
Concen: 81.881 ng
RT: 13.501 min Scan# 1704
Delta R.T. -0.004 min
Lab File: BG050613.D
Acq: 18 Oct 2021 11:34

Tgt Ion:172 Resp: 586935
Ion Ratio Lower Upper
172 100
171 38.7 28.6 43.0
170 25.9 18.6 27.8

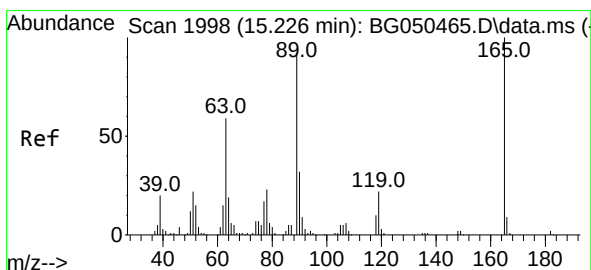
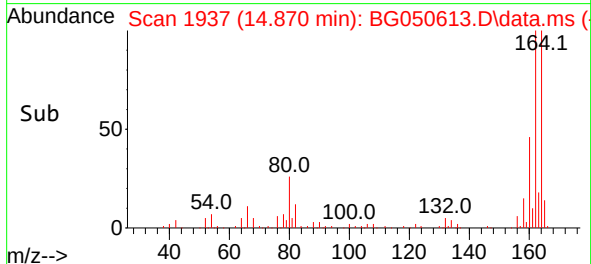
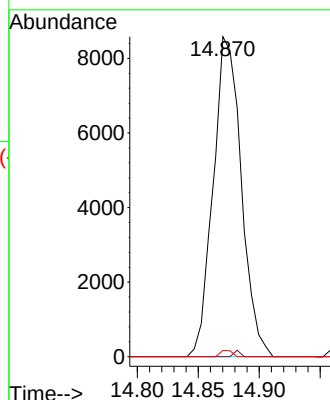
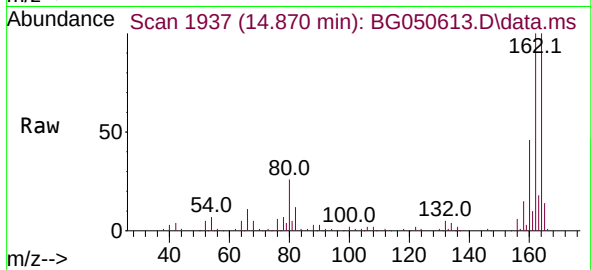




#51
2,6-Dinitrotoluene
Concen: 8.426 ng
RT: 14.870 min Scan# 1937
Delta R.T. 0.425 min
Lab File: BG050613.D
Acq: 18 Oct 2021 11:34

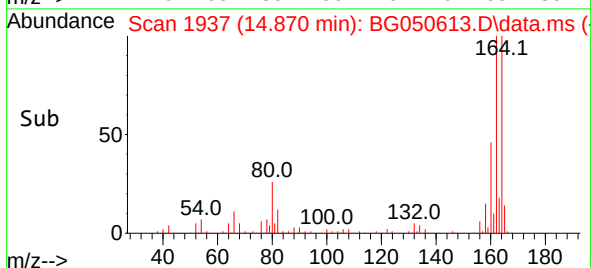
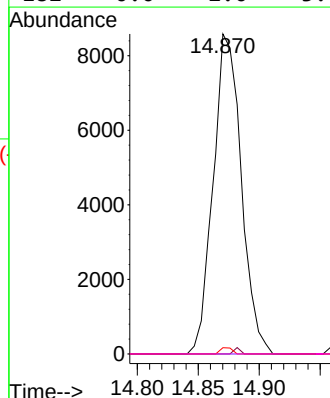
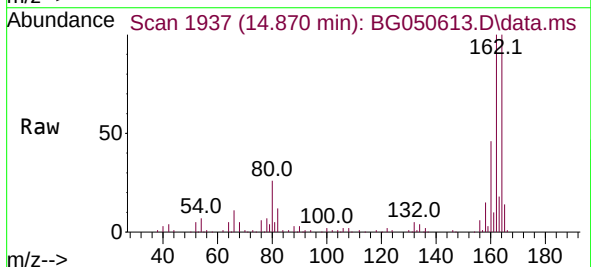
Instrument :
BNA_G
ClientSampleId :
PB139926TB

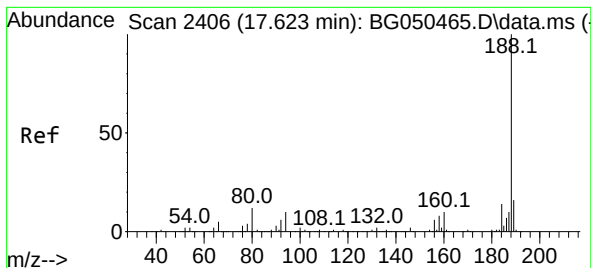
Tgt Ion:165 Resp: 13763
Ion Ratio Lower Upper
165 100
63 0.0 63.3 94.9#
89 1.9 63.4 95.0#



#57
2,4-Dinitrotoluene
Concen: 5.978 ng
RT: 14.870 min Scan# 1937
Delta R.T. -0.356 min
Lab File: BG050613.D
Acq: 18 Oct 2021 11:34

Tgt Ion:165 Resp: 13763
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#

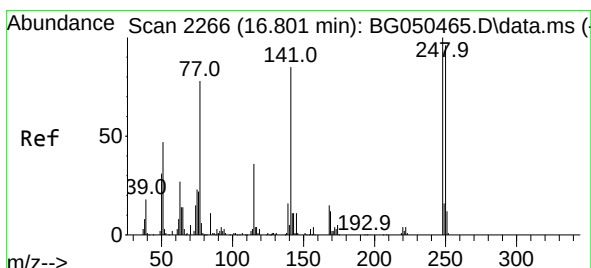
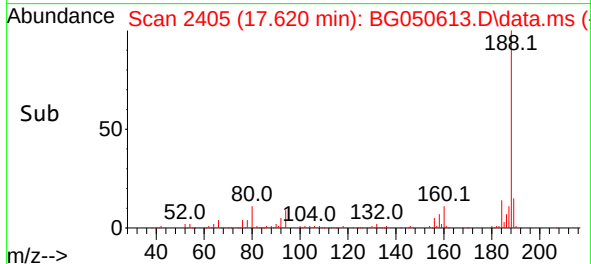
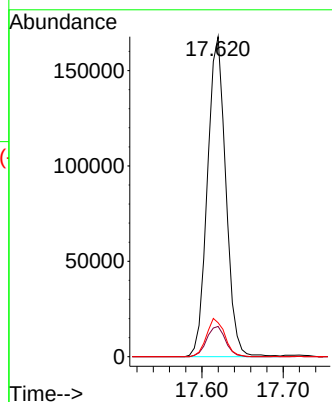
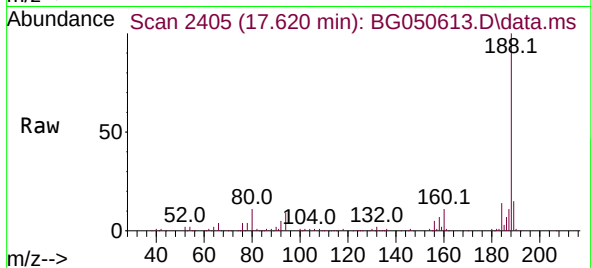




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.620 min Scan# 2405
Delta R.T. 0.002 min
Lab File: BG050613.D
Acq: 18 Oct 2021 11:34

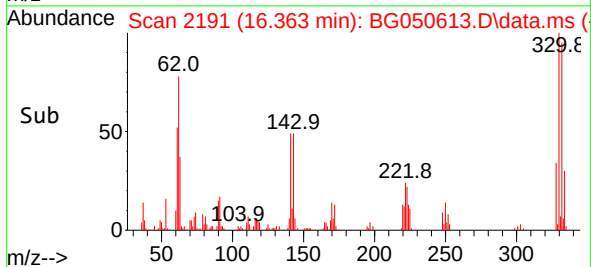
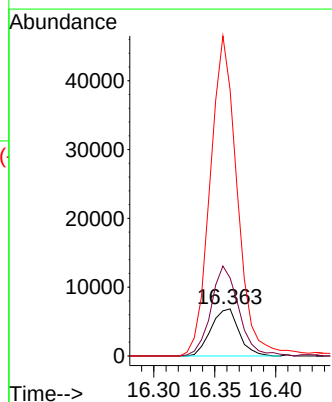
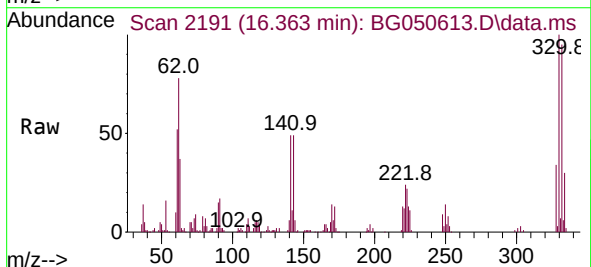
Instrument :
BNA_G
ClientSampleId :
PB139926TB

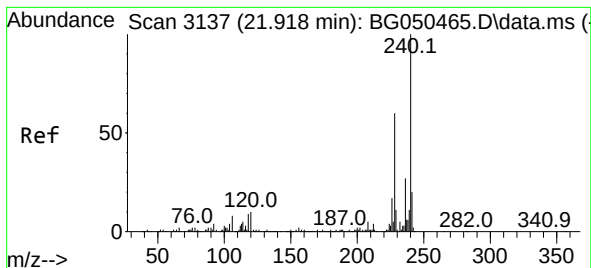
Tgt Ion:188 Resp: 262943
Ion Ratio Lower Upper
188 100
94 9.4 5.4 8.0#
80 10.6 3.7 5.5#



#67
4-Bromophenyl-phenylether
Concen: 4.116 ng
RT: 16.363 min Scan# 2191
Delta R.T. -0.439 min
Lab File: BG050613.D
Acq: 18 Oct 2021 11:34

Tgt Ion:248 Resp: 10906
Ion Ratio Lower Upper
248 100
250 165.9 76.1 114.1#
141 565.7 65.4 98.2#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.915 min Scan# 3136

Delta R.T. -0.010 min

Lab File: BG050613.D

Acq: 18 Oct 2021 11:34

Tgt Ion:240 Resp: 242650

Ion Ratio Lower Upper

240 100

120 9.6 4.2 6.2#

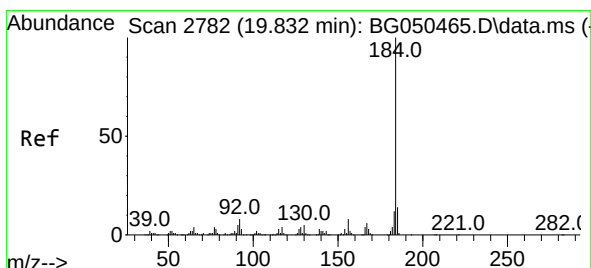
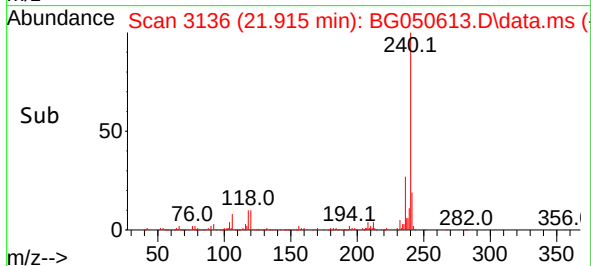
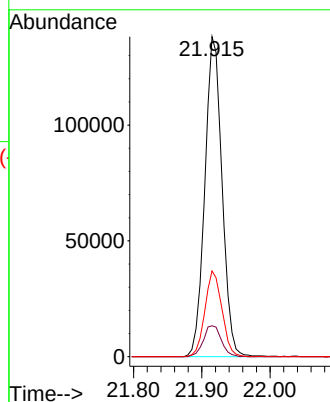
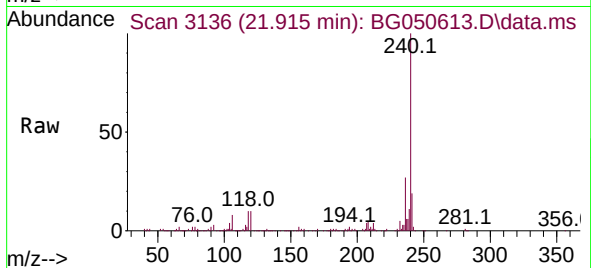
236 26.8 21.8 32.6

Instrument :

BNA_G

ClientSampleId :

PB139926TB



#77

Benzidine

Concen: 2.676 ng

RT: 20.205 min Scan# 2845

Delta R.T. 0.372 min

Lab File: BG050613.D

Acq: 18 Oct 2021 11:34

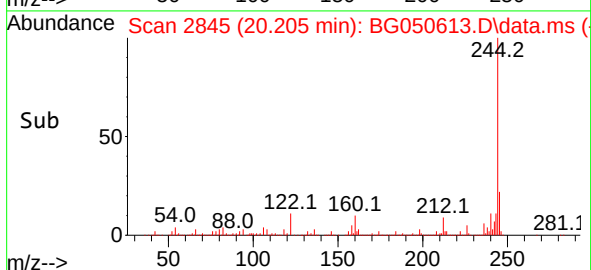
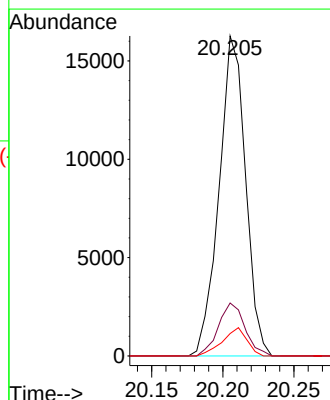
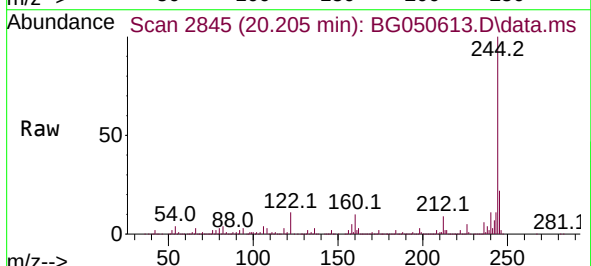
Tgt Ion:184 Resp: 21047

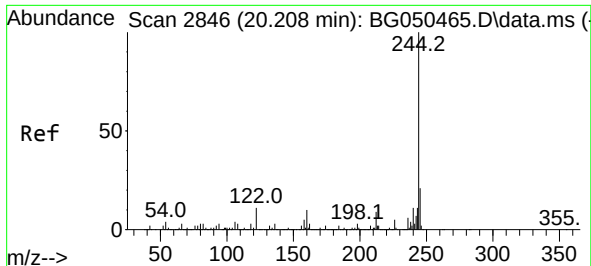
Ion Ratio Lower Upper

184 100

185 16.5 10.7 16.1#

183 7.0 9.4 14.0#

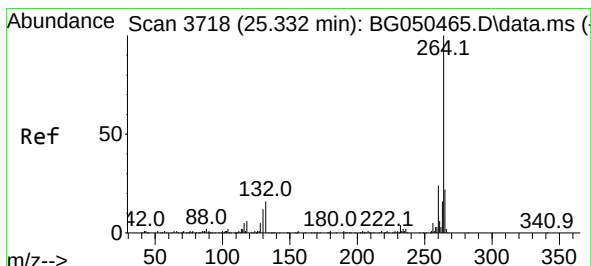
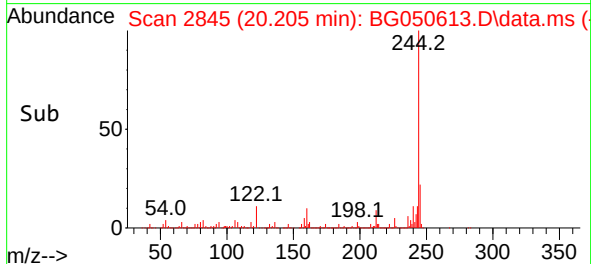
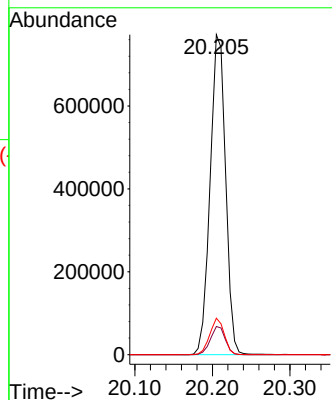
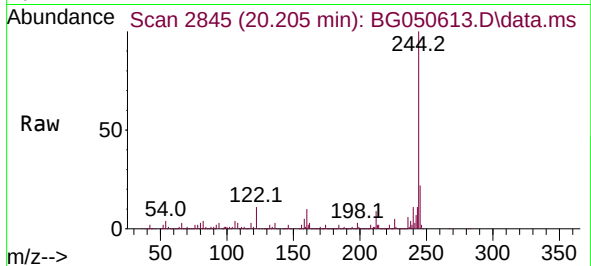




#79
 Terphenyl-d14
 Concen: 85.827 ng
 RT: 20.205 min Scan# 2845
 Delta R.T. -0.004 min
 Lab File: BG050613.D
 Acq: 18 Oct 2021 11:34

Instrument :
 BNA_G
 ClientSampleId :
 PB139926TB

Tgt Ion:244 Resp: 1068635
 Ion Ratio Lower Upper
 244 100
 212 8.8 6.9 10.3
 122 11.4 5.0 7.6#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.334 min Scan# 3718
 Delta R.T. 0.002 min
 Lab File: BG050613.D
 Acq: 18 Oct 2021 11:34

Tgt Ion:264 Resp: 231969
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.4 29.2
 265 21.4 16.9 25.3

