

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110121\
 Data File : BG050796.D
 Acq On : 1 Nov 2021 13:04
 Operator : CG/JU
 Sample : PB140358TB
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB140358TB

Quant Time: Nov 01 14:02:54 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 01 12:35:42 2021
 Response via : Initial Calibration

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

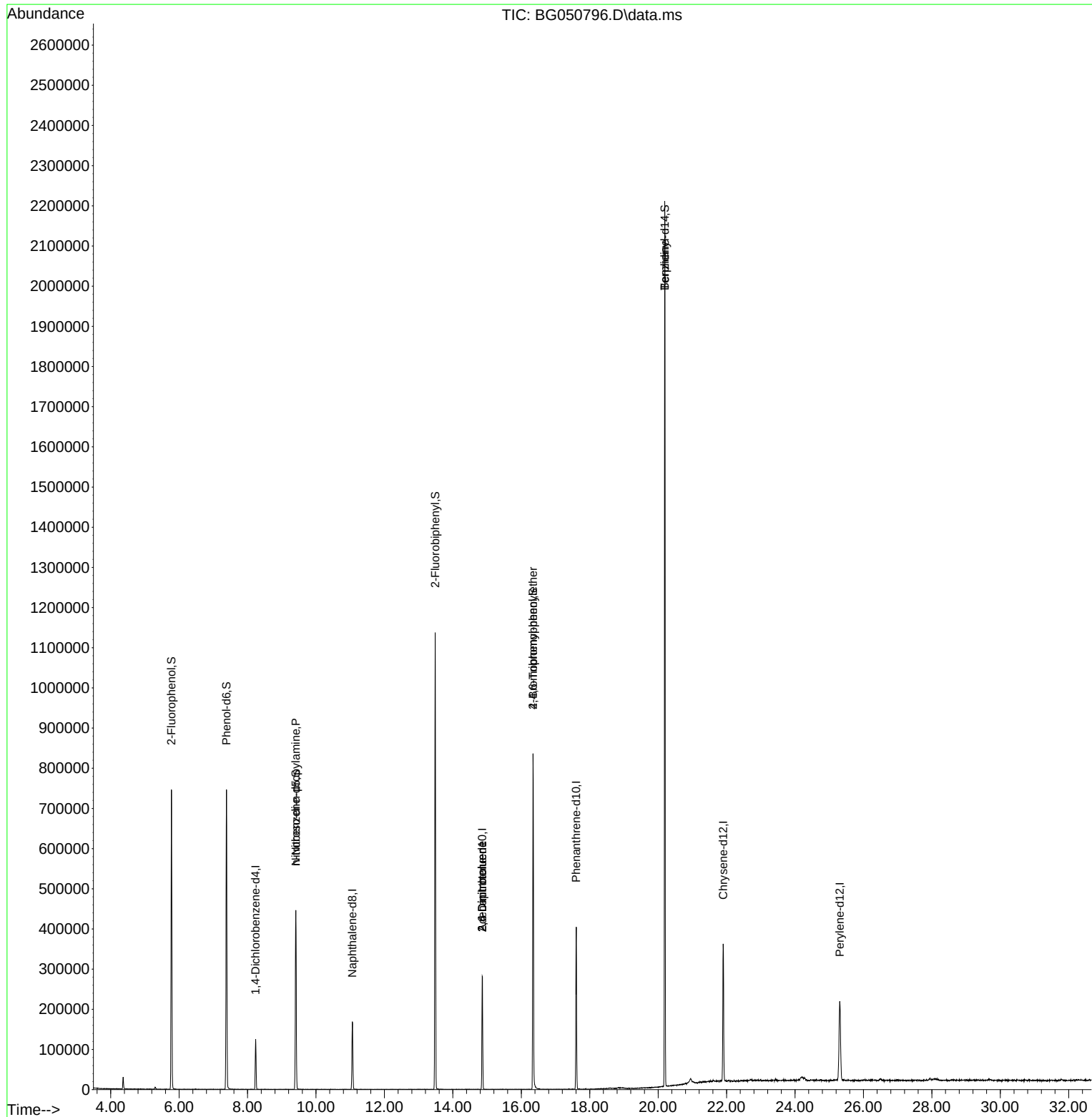
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.235	152	32873	20.000	ng	0.00
21) Naphthalene-d8	11.061	136	148459	20.000	ng	# 0.00
39) Acenaphthene-d10	14.857	164	101137	20.000	ng	0.00
64) Phenanthrene-d10	17.607	188	243689	20.000	ng	# 0.00
76) Chrysene-d12	21.902	240	210240	20.000	ng	# 0.00
86) Perylene-d12	25.309	264	205118	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.773	112	318365	144.838	ng	0.00
7) Phenol-d6	7.383	99	425925	133.837	ng	0.00
23) Nitrobenzene-d5	9.410	82	294962	82.246	ng	0.00
42) 2,4,6-Tribromophenol	16.343	330	130607	135.390	ng	0.00
45) 2-Fluorobiphenyl	13.482	172	571323	85.019	ng	0.00
79) Terphenyl-d14	20.192	244	996468	92.368	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	7.377	77	797	Below Cal	#	10
19) n-Nitroso-di-n-propyla...	9.410	70	40783	17.582	ng	# 69
51) 2,6-Dinitrotoluene	14.857	165	13405	8.755	ng	# 11
57) 2,4-Dinitrotoluene	14.857	165	13405	6.211	ng	# 16
67) 4-Bromophenyl-phenylether	16.343	248	10666	4.344	ng	# 1
77) Benzidine	20.192	184	19064	2.798	ng	# 93

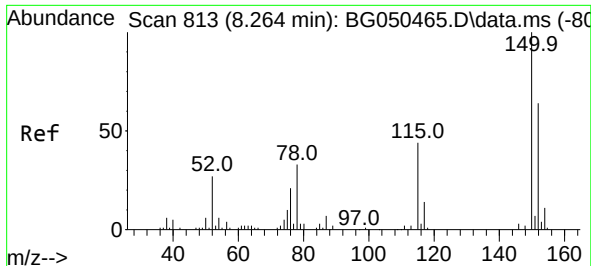
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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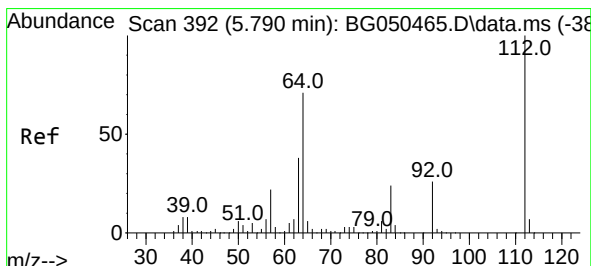
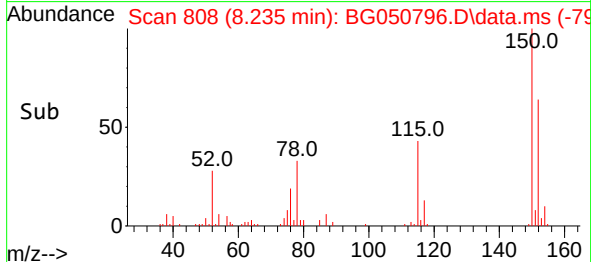
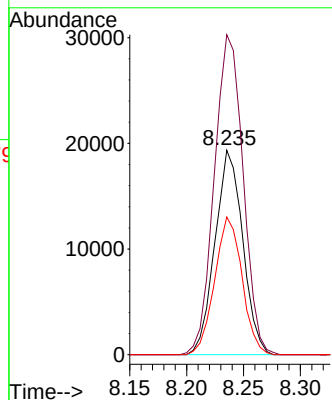
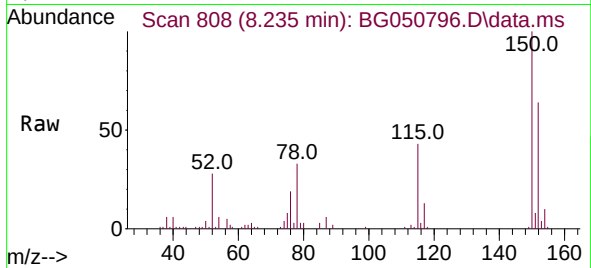




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.235 min Scan# 80
Delta R.T. -0.006 min
Lab File: BG050796.D
Acq: 1 Nov 2021 13:04

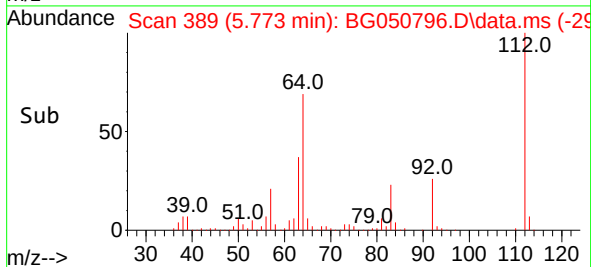
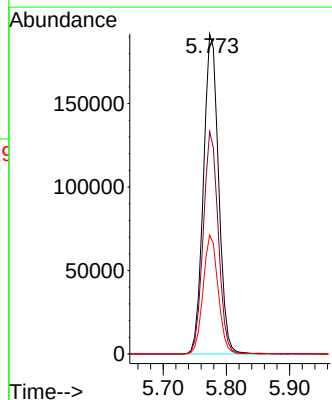
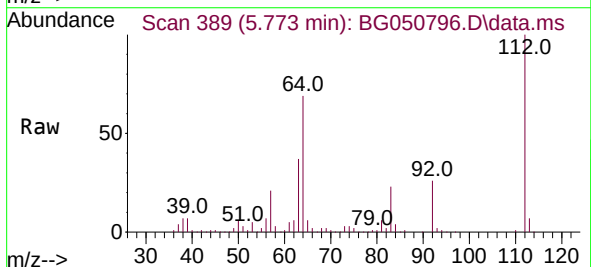
Instrument :
BNA_G
ClientSampleId :
PB140358TB

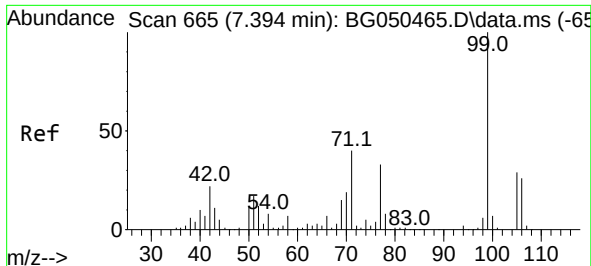
Tgt Ion:152 Resp: 32873
Ion Ratio Lower Upper
152 100
150 156.5 119.4 179.0
115 67.4 60.2 90.4



#5
2-Fluorophenol
Concen: 144.838 ng
RT: 5.773 min Scan# 389
Delta R.T. -0.000 min
Lab File: BG050796.D
Acq: 1 Nov 2021 13:04

Tgt Ion:112 Resp: 318365
Ion Ratio Lower Upper
112 100
64 69.5 46.7 70.1
63 37.2 35.3 52.9

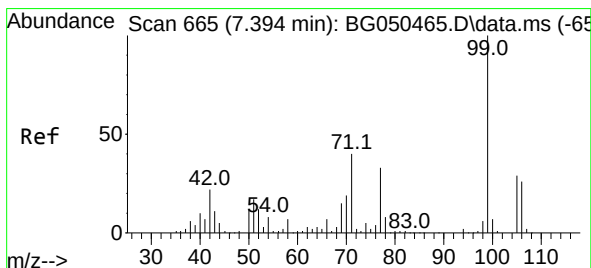
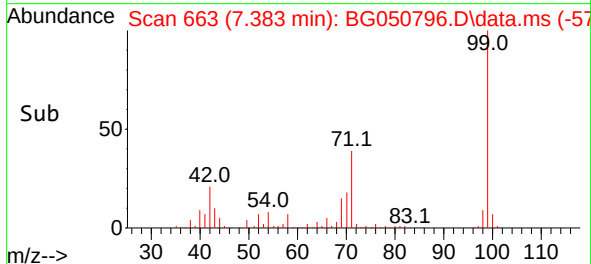
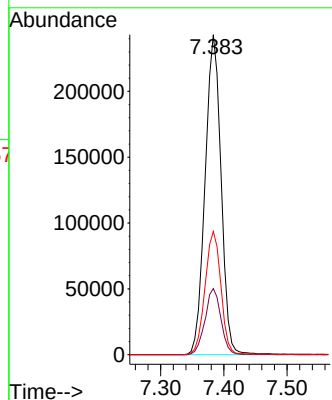
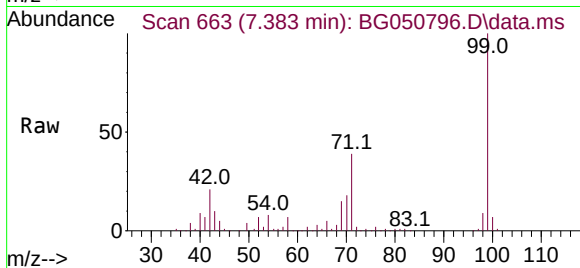




#7
Phenol-d6
Concen: 133.837 ng
RT: 7.383 min Scan# 60
Delta R.T. -0.000 min
Lab File: BG050796.D
Acq: 1 Nov 2021 13:04

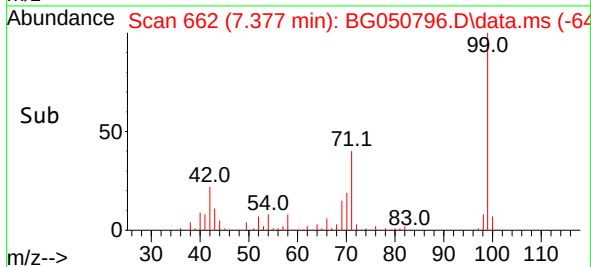
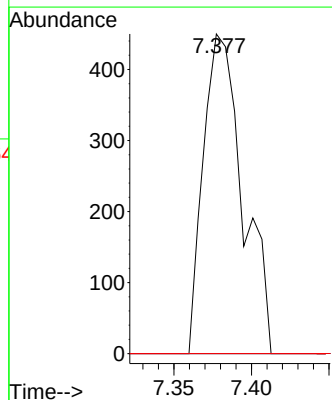
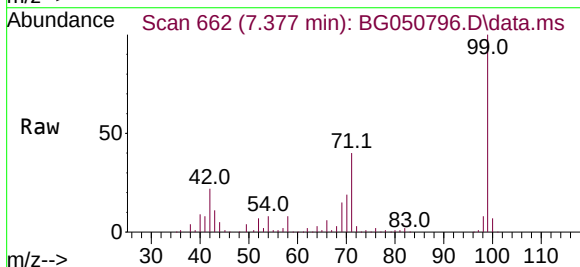
Instrument :
BNA_G
ClientSampleId :
PB140358TB

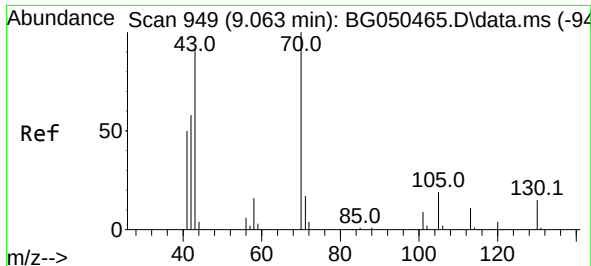
Tgt Ion: 99 Resp: 425925
Ion Ratio Lower Upper
99 100
42 20.7 20.5 30.7
71 38.5 41.5 62.3#



#9
Benzaldehyde
Concen: Below Cal
RT: 7.377 min Scan# 662
Delta R.T. 0.005 min
Lab File: BG050796.D
Acq: 1 Nov 2021 13:04

Tgt Ion: 77 Resp: 797
Ion Ratio Lower Upper
77 100
105 0.0 68.8 108.8#
106 0.0 47.9 87.9#

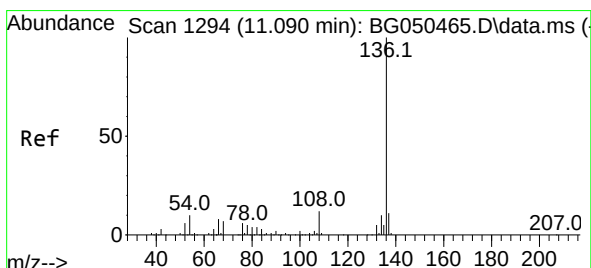
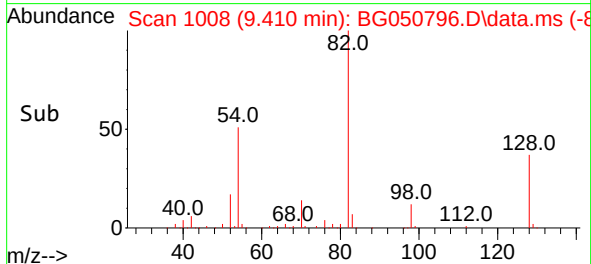
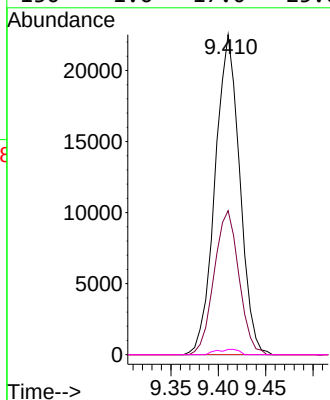
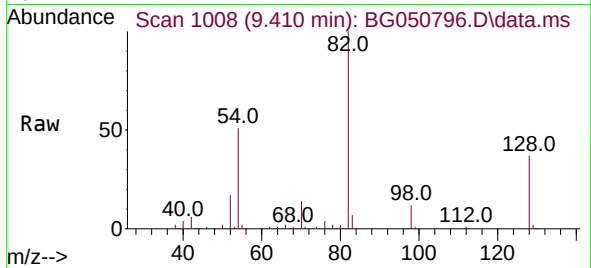




#19
n-Nitroso-di-n-propylamine
Concen: 17.582 ng
RT: 9.410 min Scan# 1008
Delta R.T. 0.370 min
Lab File: BG050796.D
Acq: 1 Nov 2021 13:04

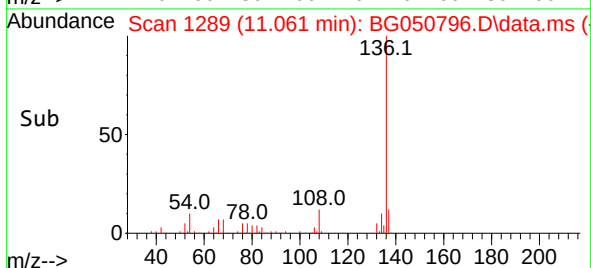
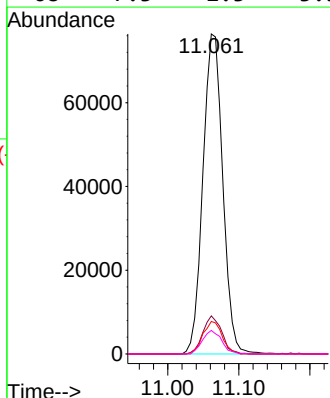
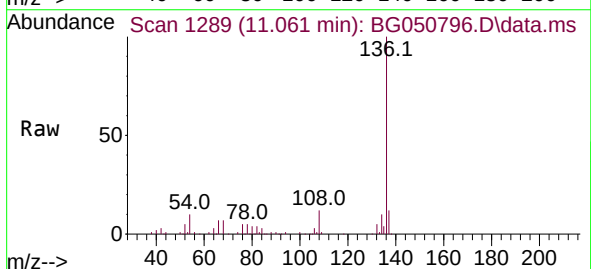
Instrument :
BNA_G
ClientSampleId :
PB140358TB

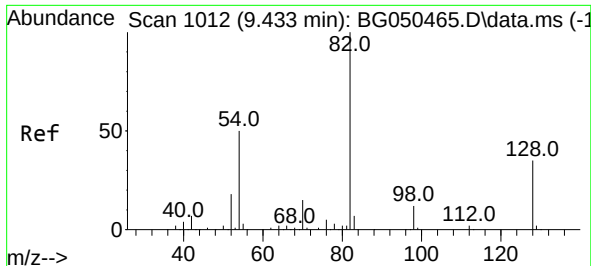
Tgt Ion: 70 Resp: 40783
Ion Ratio Lower Upper
70 100
42 45.0 54.5 81.7#
101 0.0 9.0 13.6#
130 1.6 17.0 25.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.061 min Scan# 1289
Delta R.T. -0.000 min
Lab File: BG050796.D
Acq: 1 Nov 2021 13:04

Tgt Ion: 136 Resp: 148459
Ion Ratio Lower Upper
136 100
137 11.9 8.2 12.2
54 10.1 5.5 8.3#
68 7.3 2.3 3.5#





#23

Nitrobenzene-d5

Concen: 82.246 ng

RT: 9.410 min Scan# 1012

Delta R.T. -0.000 min

Lab File: BG050796.D

Acq: 1 Nov 2021 13:04

Instrument :

BNA_G

ClientSampleId :

PB140358TB

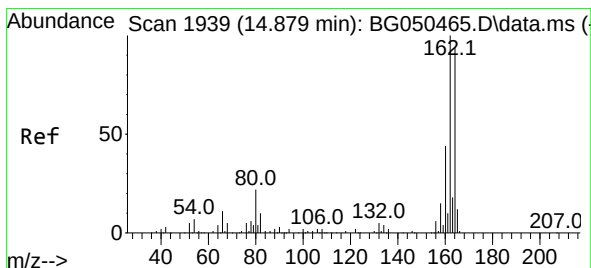
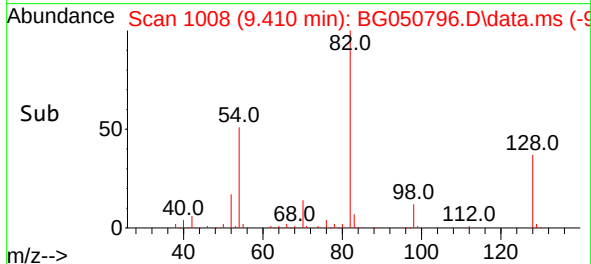
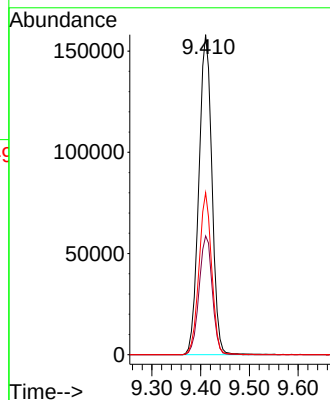
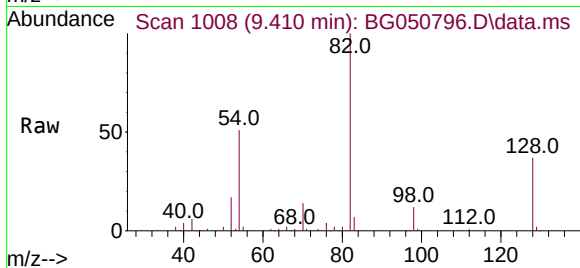
Tgt Ion: 82 Resp: 294962

Ion Ratio Lower Upper

82 100

128 37.1 29.8 44.6

54 50.6 45.8 68.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.857 min Scan# 1935

Delta R.T. -0.006 min

Lab File: BG050796.D

Acq: 1 Nov 2021 13:04

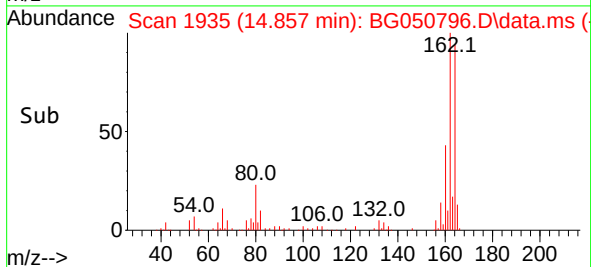
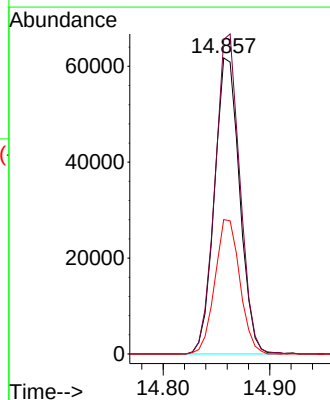
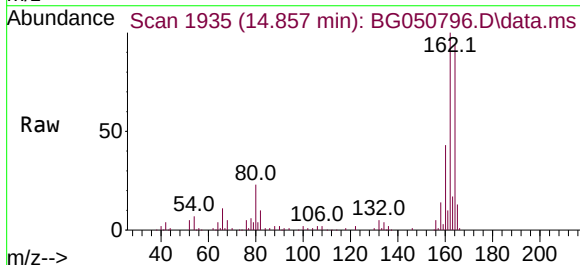
Tgt Ion:164 Resp: 101137

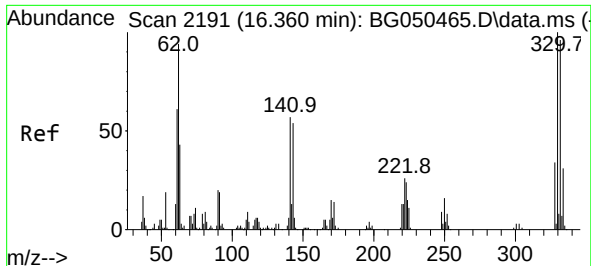
Ion Ratio Lower Upper

164 100

162 106.3 81.4 122.0

160 45.4 34.9 52.3

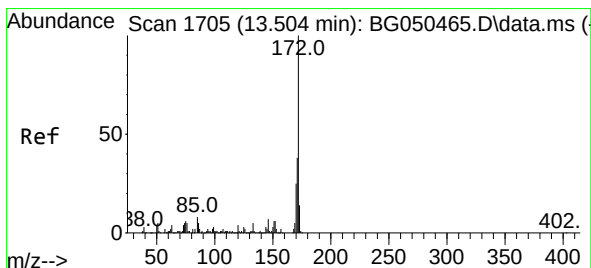
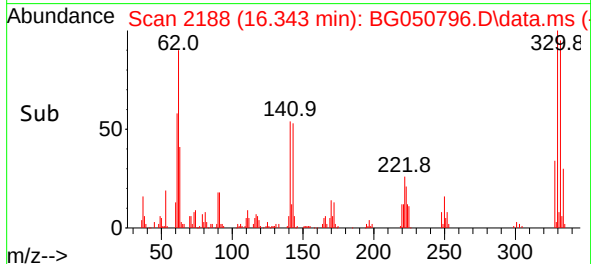
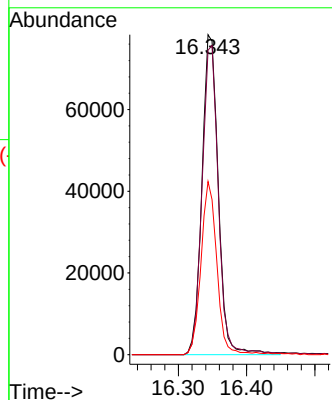
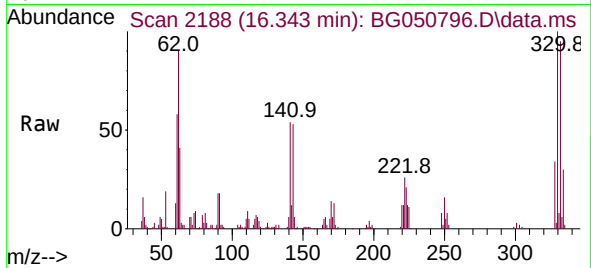




#42
2,4,6-Tribromophenol
Concen: 135.390 ng
RT: 16.343 min Scan# 2191
Delta R.T. -0.006 min
Lab File: BG050796.D
Acq: 1 Nov 2021 13:04

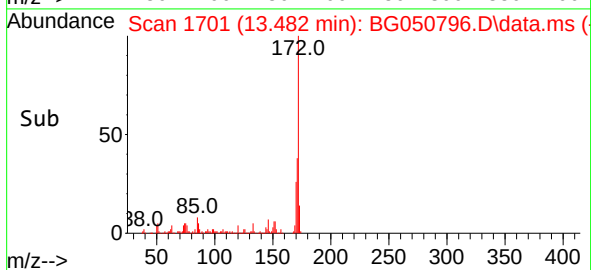
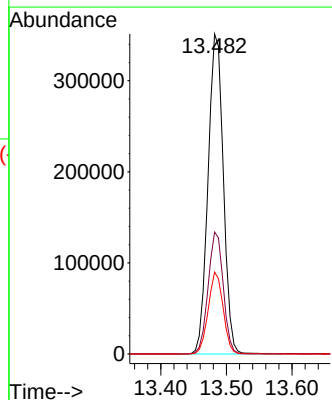
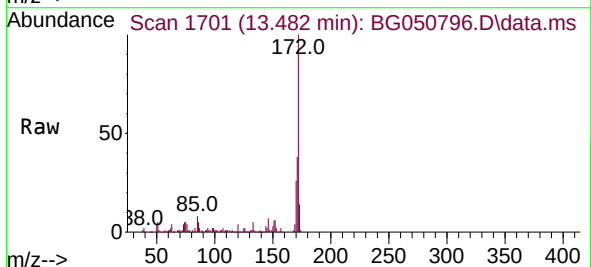
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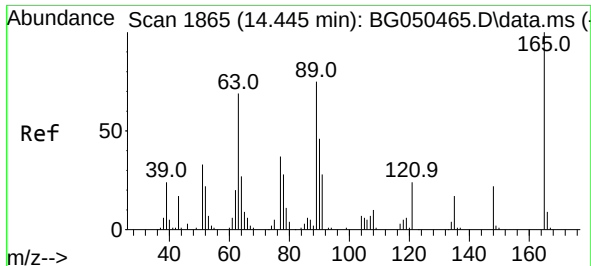
Tgt Ion:330 Resp: 130607
Ion Ratio Lower Upper
330 100
332 96.7 77.3 115.9
141 52.5 35.6 53.4



#45
2-Fluorobiphenyl
Concen: 85.019 ng
RT: 13.482 min Scan# 1701
Delta R.T. -0.000 min
Lab File: BG050796.D
Acq: 1 Nov 2021 13:04

Tgt Ion:172 Resp: 571323
Ion Ratio Lower Upper
172 100
171 38.1 28.6 43.0
170 25.6 18.6 27.8

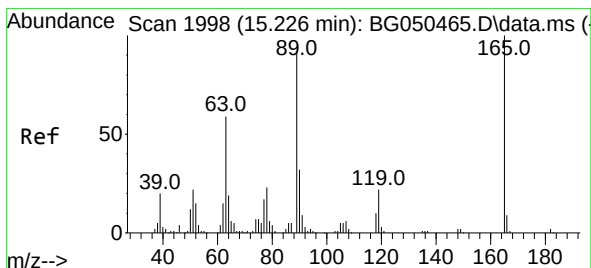
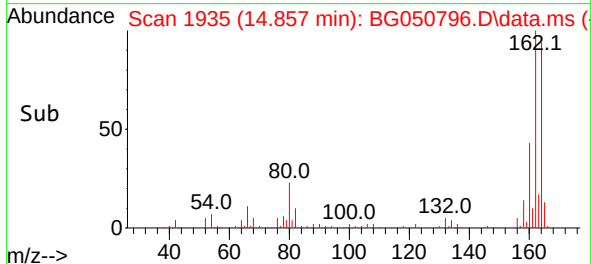
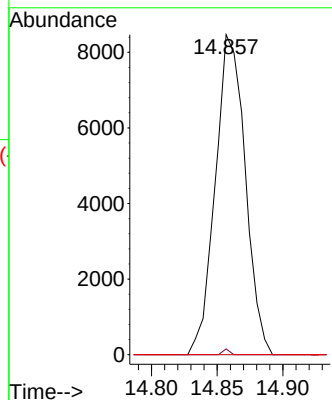
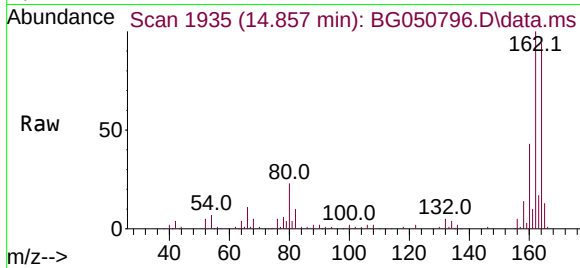




#51
2,6-Dinitrotoluene
Concen: 8.755 ng
RT: 14.857 min Scan# 1935
Delta R.T. 0.423 min
Lab File: BG050796.D
Acq: 1 Nov 2021 13:04

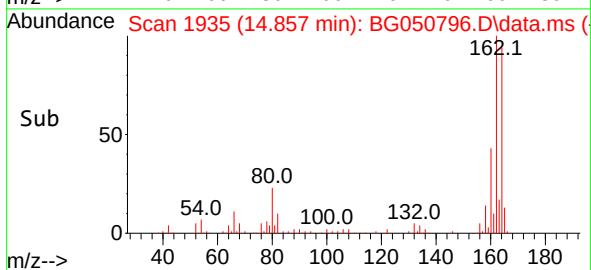
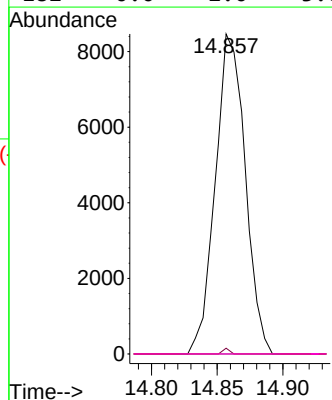
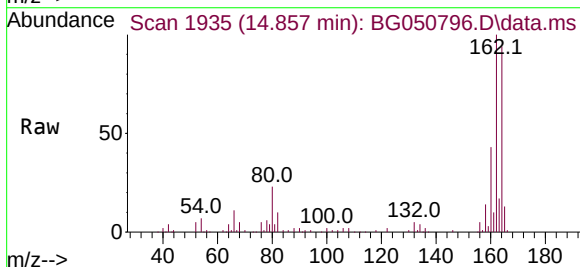
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ClientSampleId :
PB140358TB

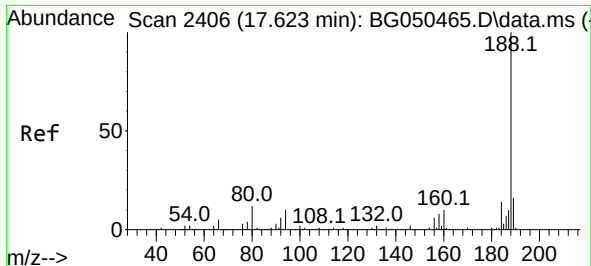
Tgt Ion:165 Resp: 13405
Ion Ratio Lower Upper
165 100
63 1.8 63.3 94.9#
89 0.0 63.4 95.0#



#57
2,4-Dinitrotoluene
Concen: 6.211 ng
RT: 14.857 min Scan# 1935
Delta R.T. -0.359 min
Lab File: BG050796.D
Acq: 1 Nov 2021 13:04

Tgt Ion:165 Resp: 13405
Ion Ratio Lower Upper
165 100
63 1.8 48.0 72.0#
89 0.0 65.4 98.0#
182 0.0 2.0 3.0#

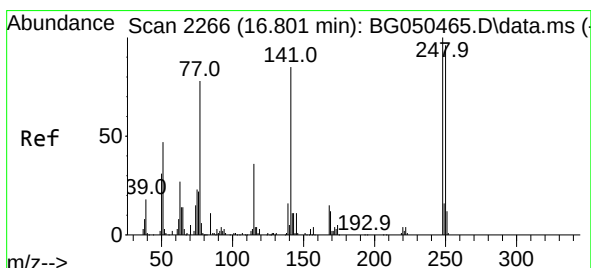
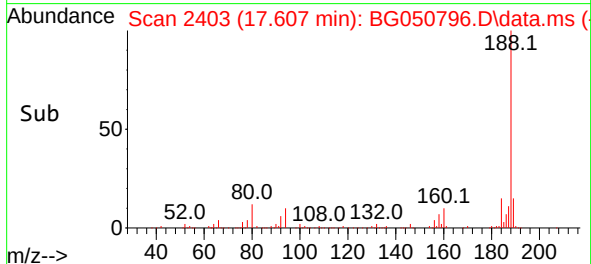
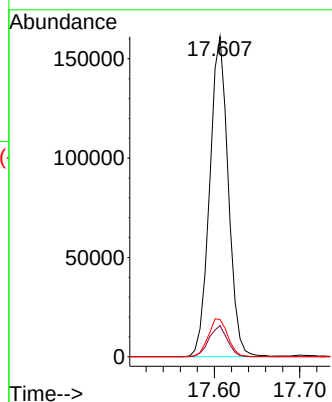
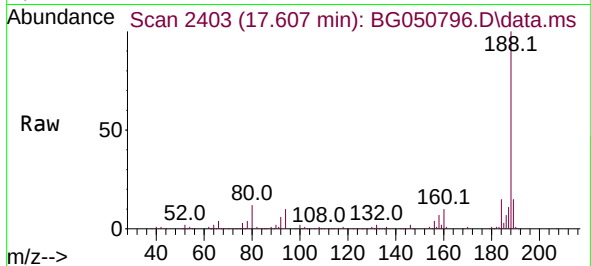




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.607 min Scan# 24
Delta R.T. -0.000 min
Lab File: BG050796.D
Acq: 1 Nov 2021 13:04

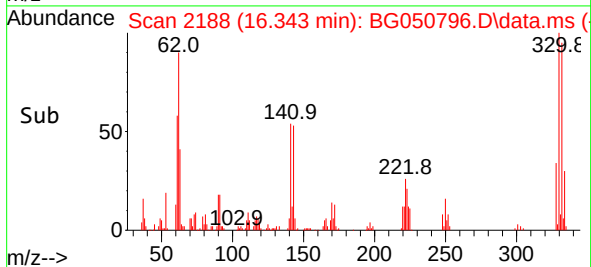
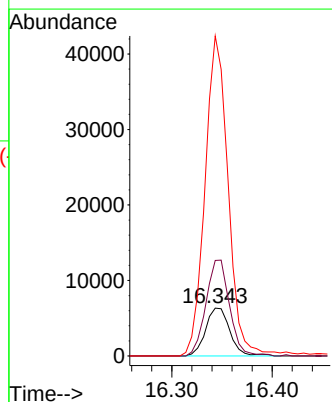
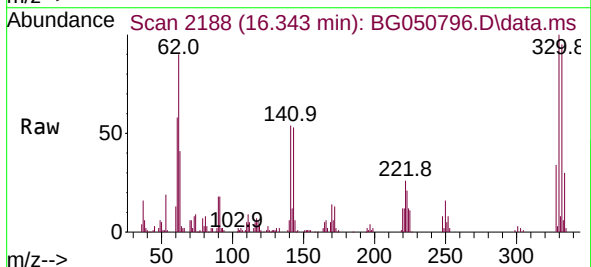
Instrument :
BNA_G
ClientSampleId :
PB140358TB

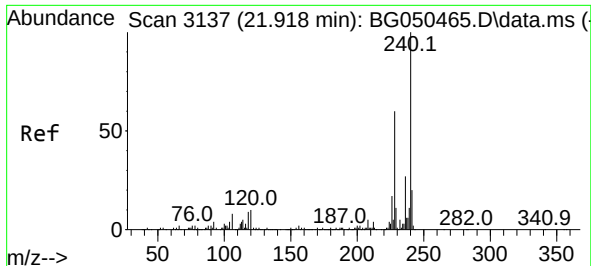
Tgt Ion:188 Resp: 243689
Ion Ratio Lower Upper
188 100
94 9.7 5.4 8.0#
80 11.6 3.7 5.5#



#67
4-Bromophenyl-phenylether
Concen: 4.344 ng
RT: 16.343 min Scan# 2188
Delta R.T. -0.441 min
Lab File: BG050796.D
Acq: 1 Nov 2021 13:04

Tgt Ion:248 Resp: 10666
Ion Ratio Lower Upper
248 100
250 199.3 76.1 114.1#
141 667.9 65.4 98.2#

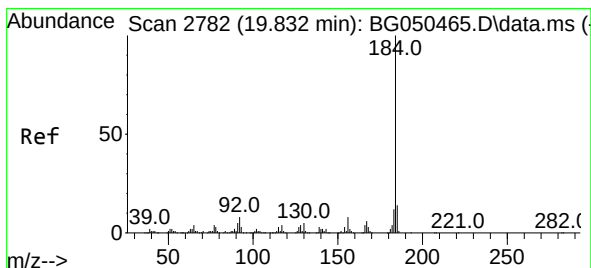
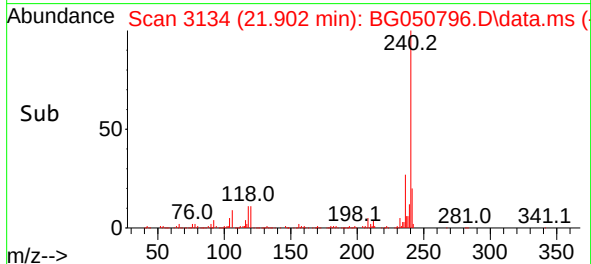
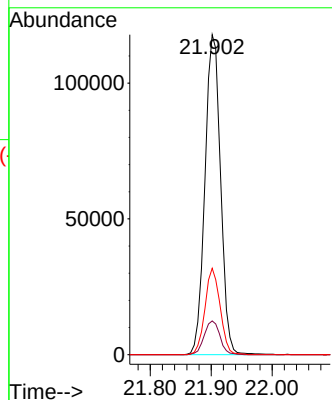
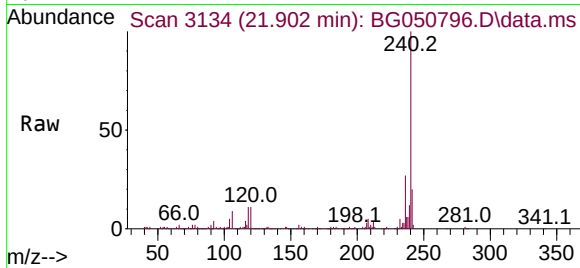




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.902 min Scan# 3137
Delta R.T. -0.006 min
Lab File: BG050796.D
Acq: 1 Nov 2021 13:04

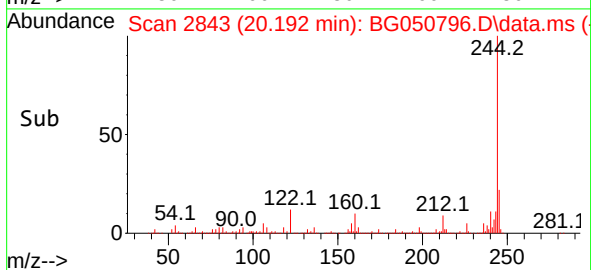
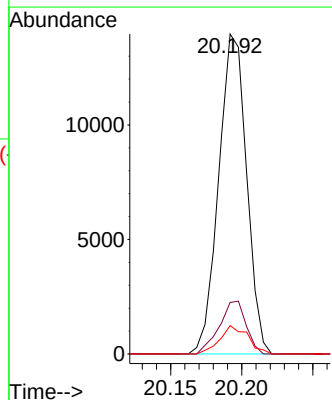
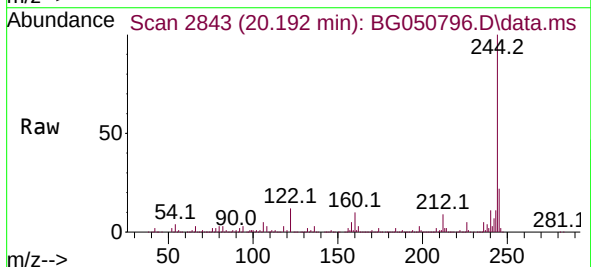
Instrument :
BNA_G
ClientSampleId :
PB140358TB

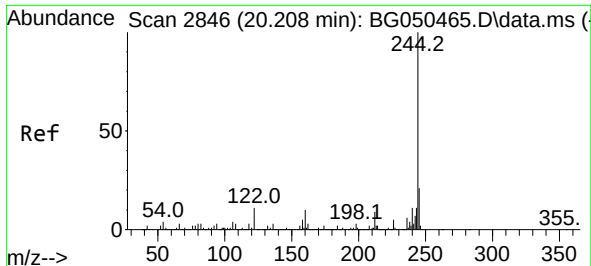
Tgt Ion:240 Resp: 210240
Ion Ratio Lower Upper
240 100
120 10.6 4.2 6.2#
236 27.0 21.8 32.6



#77
Benzidine
Concen: 2.798 ng
RT: 20.192 min Scan# 2843
Delta R.T. 0.370 min
Lab File: BG050796.D
Acq: 1 Nov 2021 13:04

Tgt Ion:184 Resp: 19064
Ion Ratio Lower Upper
184 100
185 16.1 10.7 16.1#
183 8.9 9.4 14.0#

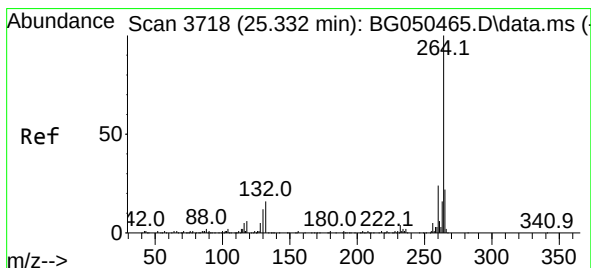
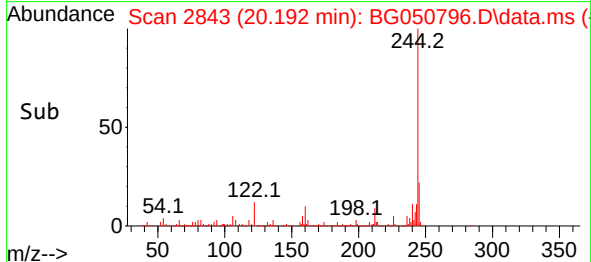
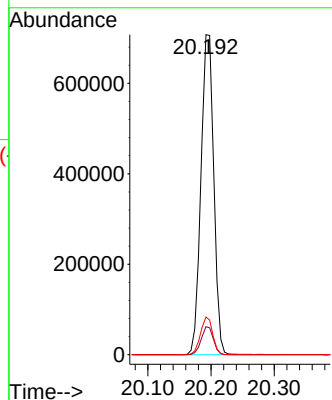
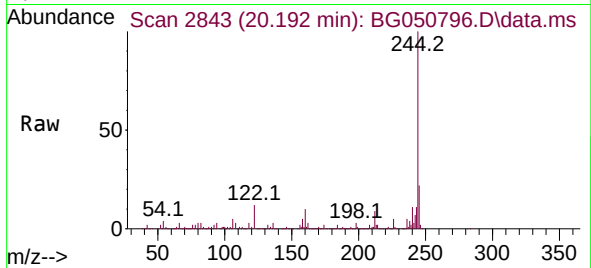




#79
 Terphenyl-d14
 Concen: 92.368 ng
 RT: 20.192 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BG050796.D
 Acq: 1 Nov 2021 13:04

Instrument :
 BNA_G
 ClientSampleId :
 PB140358TB

Tgt Ion:244 Resp: 996468
 Ion Ratio Lower Upper
 244 100
 212 8.7 6.9 10.3
 122 11.7 5.0 7.6#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.309 min Scan# 3714
 Delta R.T. -0.000 min
 Lab File: BG050796.D
 Acq: 1 Nov 2021 13:04

Tgt Ion:264 Resp: 205118
 Ion Ratio Lower Upper
 264 100
 260 24.7 19.4 29.2
 265 20.1 16.9 25.3

