

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102921\
 Data File : BG050786.D
 Acq On : 29 Oct 2021 20:44
 Operator : CG/JU
 Sample : M4392-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 N41924

Quant Time: Oct 30 01:38:46 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)

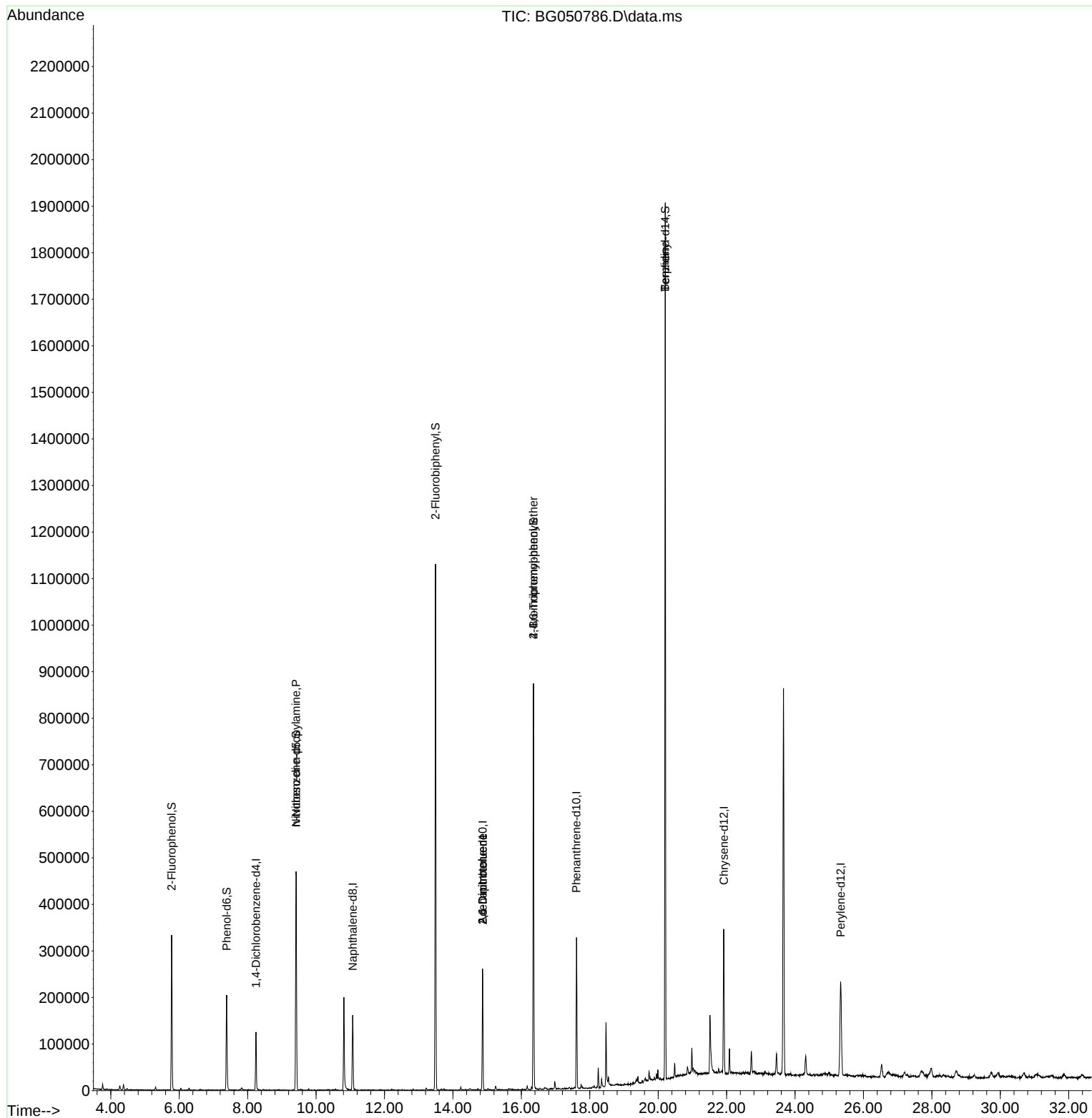
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.246	152	31961	20.000	ng	-0.01
21) Naphthalene-d8	11.073	136	133683	20.000	ng	#-0.01
39) Acenaphthene-d10	14.868	164	89439	20.000	ng	0.00
64) Phenanthrene-d10	17.612	188	198903	20.000	ng	# 0.00
76) Chrysene-d12	21.919	240	184751	20.000	ng	# 0.00
86) Perylene-d12	25.332	264	184521	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.779	112	143776	67.276	ng	-0.01
7) Phenol-d6	7.389	99	119071	38.483	ng	-0.01
23) Nitrobenzene-d5	9.416	82	310675	96.202	ng	-0.01
42) 2,4,6-Tribromophenol	16.355	330	124796	146.287	ng	0.00
45) 2-Fluorobiphenyl	13.493	172	563324	94.793	ng	-0.01
79) Terphenyl-d14	20.209	244	862473	90.977	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	7.383	77	253	Below Cal	#	10
19) n-Nitroso-di-n-propyla...	9.416	70	43010	19.071	ng	# 70
51) 2,6-Dinitrotoluene	14.868	165	11324	8.363	ng	# 10
57) 2,4-Dinitrotoluene	14.868	165	11324	5.933	ng	# 15
67) 4-Bromophenyl-phenylether	16.355	248	10142	5.060	ng	# 1
77) Benzidine	20.203	184	17215	2.875	ng	# 91

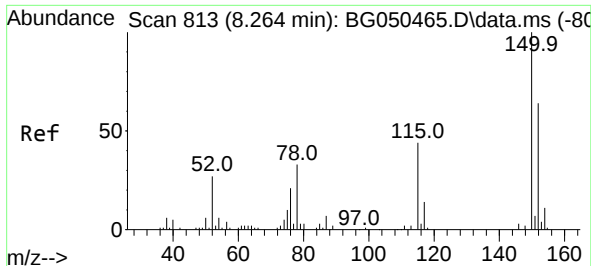
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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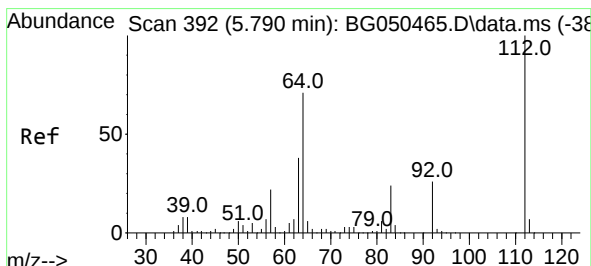
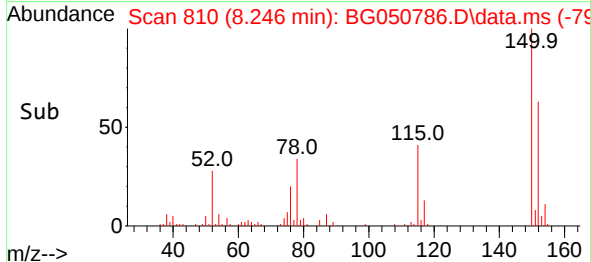
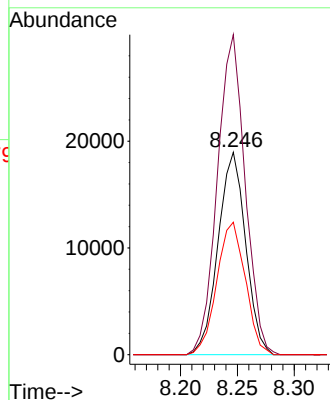
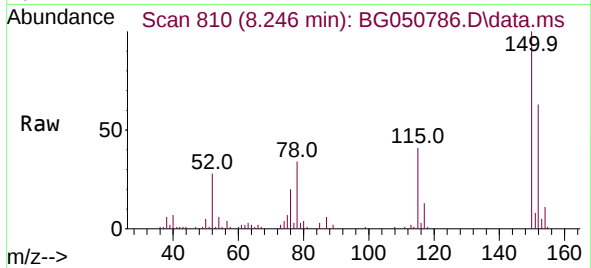




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.246 min Scan# 810
Delta R.T. -0.012 min
Lab File: BG050786.D
Acq: 29 Oct 2021 20:44

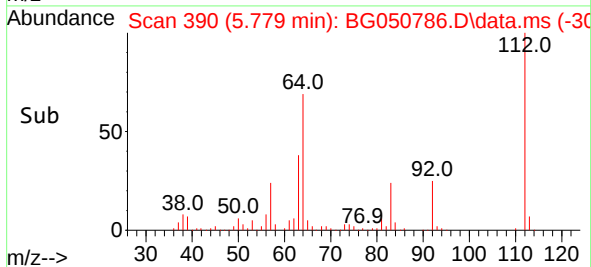
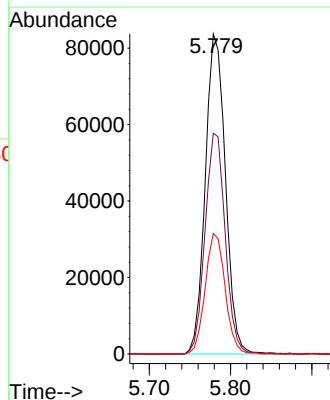
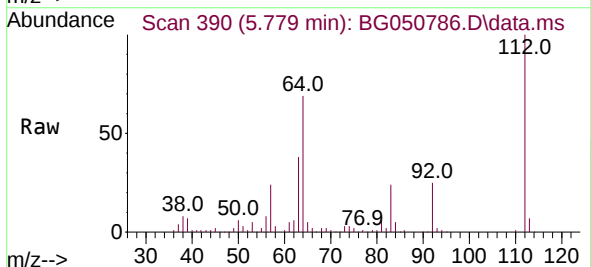
Instrument :
BNA_G
ClientSampled :
N41924

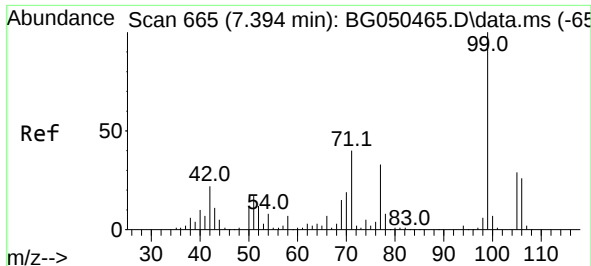
Tgt Ion:152 Resp: 31961
Ion Ratio Lower Upper
152 100
150 158.1 119.4 179.0
115 65.5 60.2 90.4



#5
2-Fluorophenol
Concen: 67.276 ng
RT: 5.779 min Scan# 390
Delta R.T. -0.012 min
Lab File: BG050786.D
Acq: 29 Oct 2021 20:44

Tgt Ion:112 Resp: 143776
Ion Ratio Lower Upper
112 100
64 69.0 46.7 70.1
63 37.7 35.3 52.9

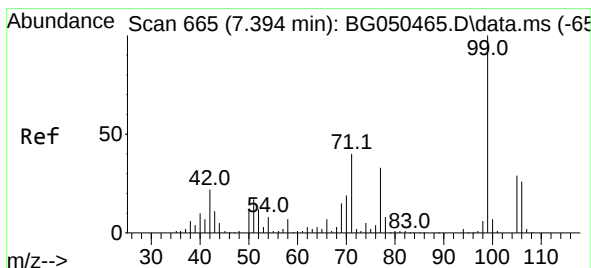
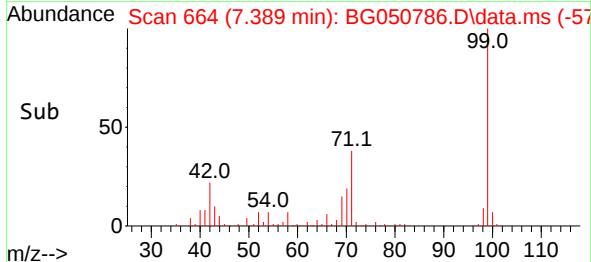
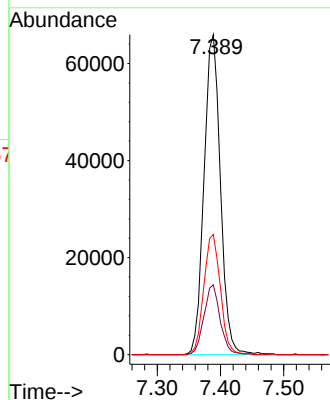
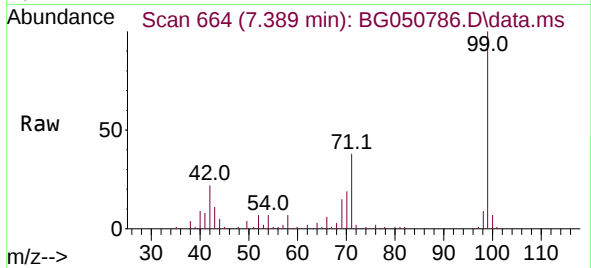




#7
Phenol-d6
Concen: 38.483 ng
RT: 7.389 min Scan# 664
Delta R.T. -0.012 min
Lab File: BG050786.D
Acq: 29 Oct 2021 20:44

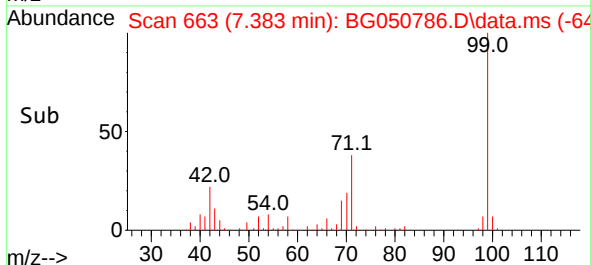
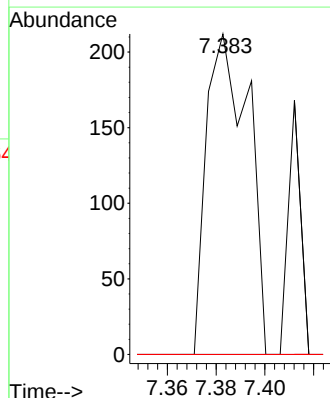
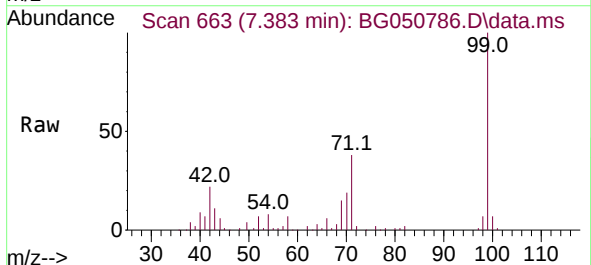
Instrument :
BNA_G
ClientSampled :
N41924

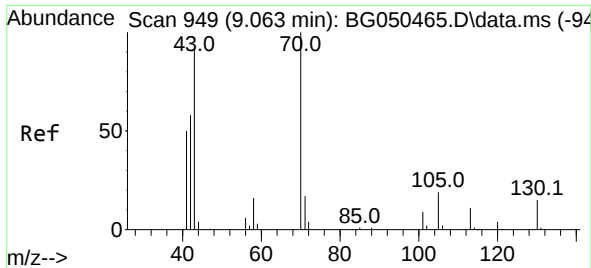
Tgt Ion: 99 Resp: 119071
Ion Ratio Lower Upper
99 100
42 21.8 20.5 30.7
71 37.6 41.5 62.3#



#9
Benzaldehyde
Concen: Below Cal
RT: 7.383 min Scan# 663
Delta R.T. -0.006 min
Lab File: BG050786.D
Acq: 29 Oct 2021 20:44

Tgt Ion: 77 Resp: 253
Ion Ratio Lower Upper
77 100
105 0.0 68.8 108.8#
106 0.0 47.9 87.9#

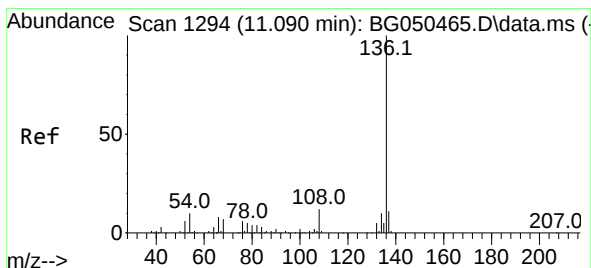
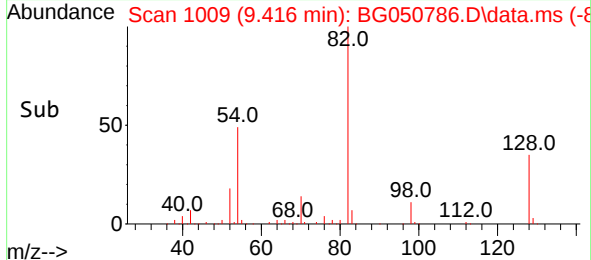
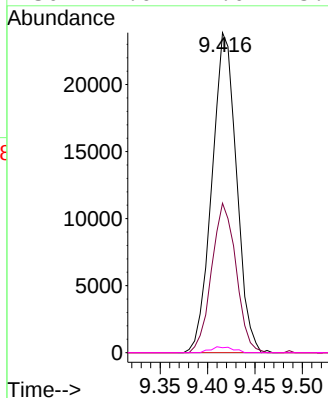
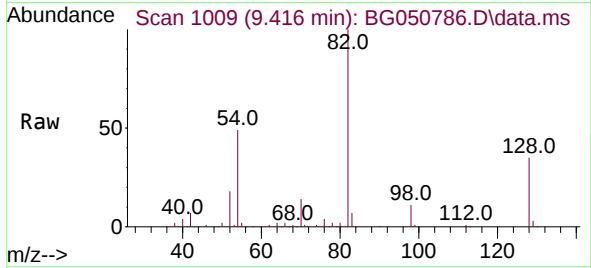




#19
n-Nitroso-di-n-propylamine
Concen: 19.071 ng
RT: 9.416 min Scan# 1009
Delta R.T. 0.358 min
Lab File: BG050786.D
Acq: 29 Oct 2021 20:44

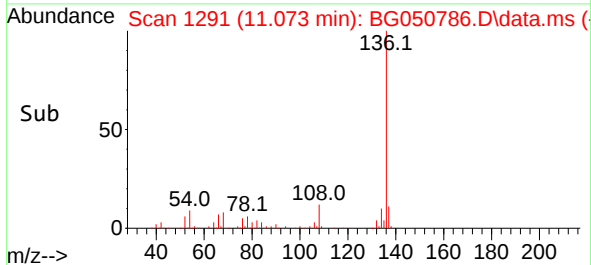
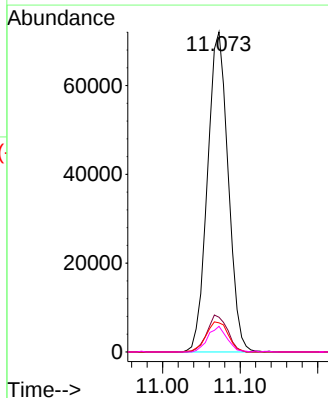
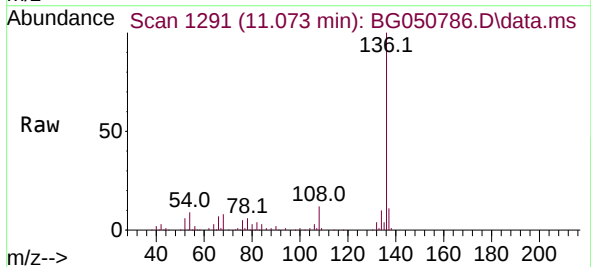
Instrument :
BNA_G
ClientSampled :
N41924

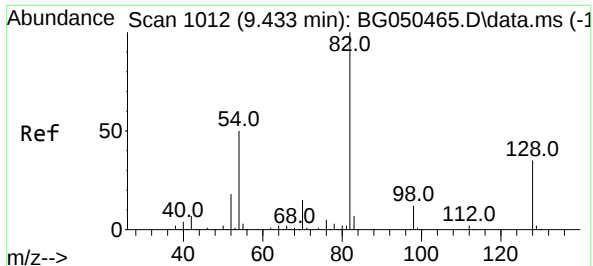
Tgt Ion: 70 Resp: 43010
Ion Ratio Lower Upper
70 100
42 46.7 54.5 81.7#
101 0.0 9.0 13.6#
130 1.6 17.0 25.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.073 min Scan# 1291
Delta R.T. -0.012 min
Lab File: BG050786.D
Acq: 29 Oct 2021 20:44

Tgt Ion:136 Resp: 133683
Ion Ratio Lower Upper
136 100
137 10.9 8.2 12.2
54 9.1 5.5 8.3#
68 8.0 2.3 3.5#

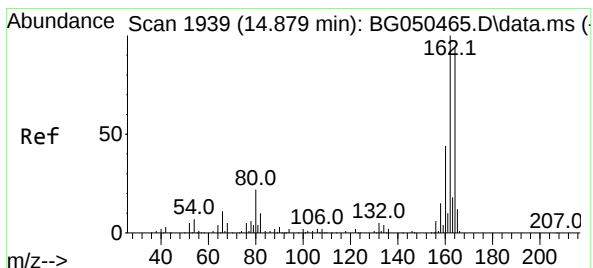
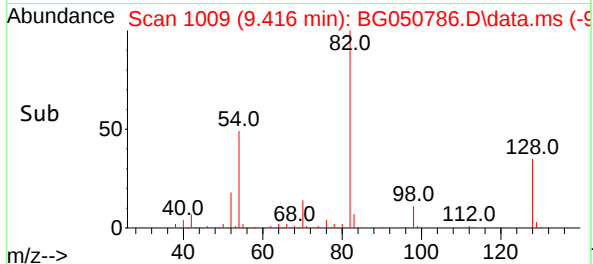
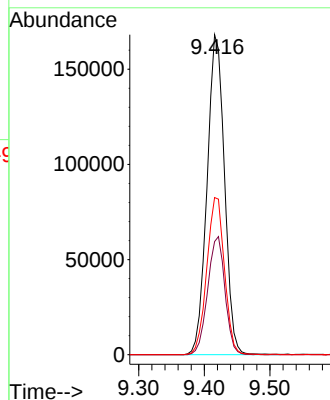
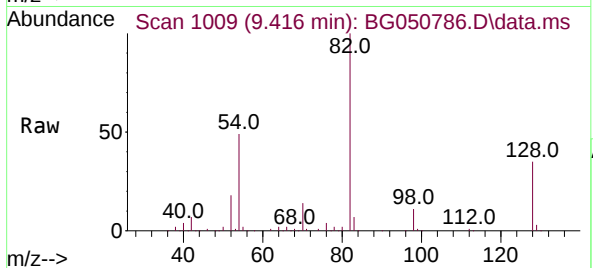




#23
Nitrobenzene-d5
Concen: 96.202 ng
RT: 9.416 min Scan# 1009
Delta R.T. -0.012 min
Lab File: BG050786.D
Acq: 29 Oct 2021 20:44

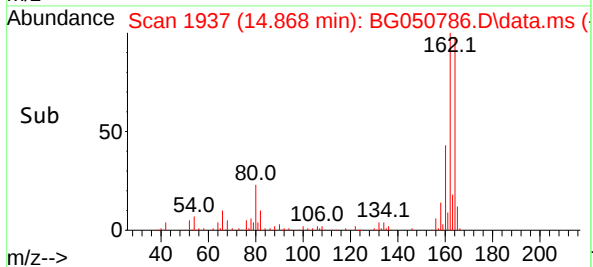
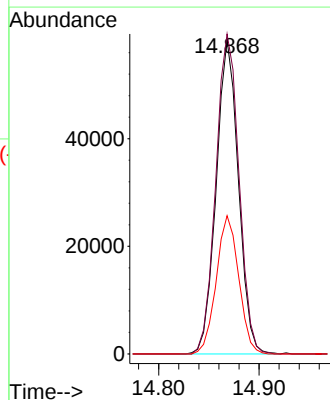
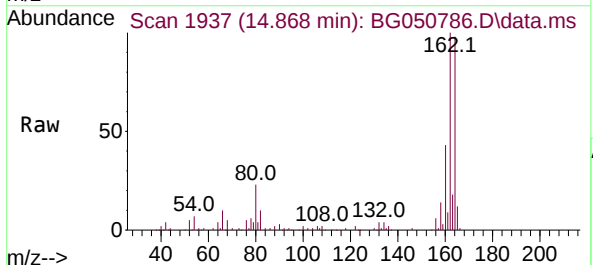
Instrument :
BNA_G
ClientSampleId :
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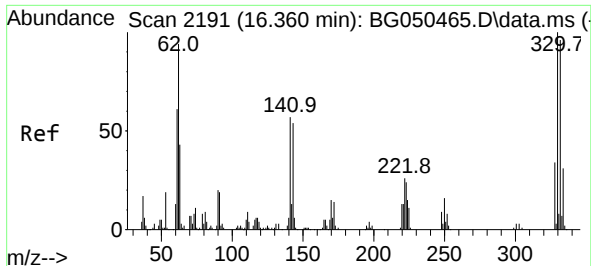
Tgt Ion: 82 Resp: 310675
Ion Ratio Lower Upper
82 100
128 35.4 29.8 44.6
54 49.1 45.8 68.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.868 min Scan# 1937
Delta R.T. -0.006 min
Lab File: BG050786.D
Acq: 29 Oct 2021 20:44

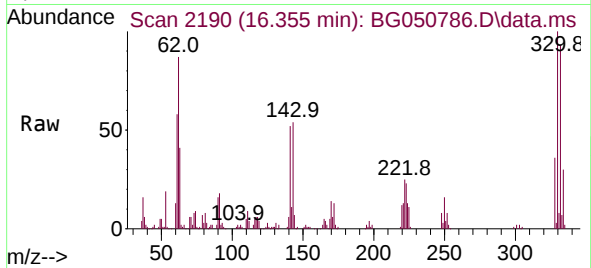
Tgt Ion:164 Resp: 89439
Ion Ratio Lower Upper
164 100
162 101.8 81.4 122.0
160 44.0 34.9 52.3



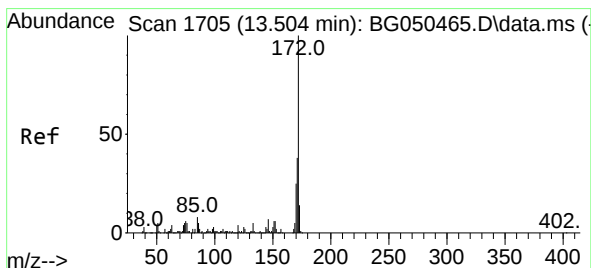
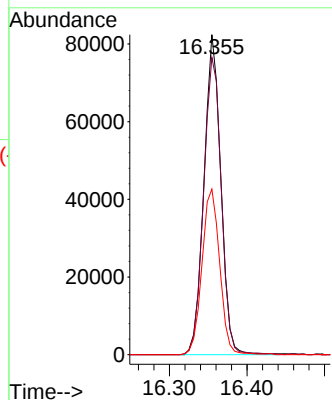
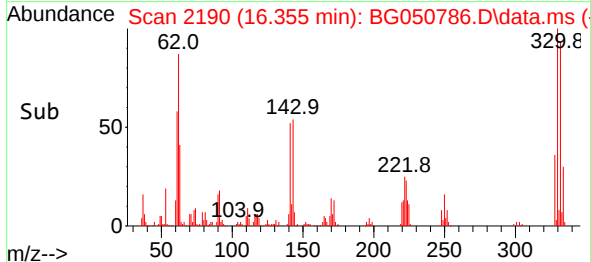


#42
2,4,6-Tribromophenol
Concen: 146.287 ng
RT: 16.355 min Scan# 2190
Delta R.T. -0.006 min
Lab File: BG050786.D
Acq: 29 Oct 2021 20:44

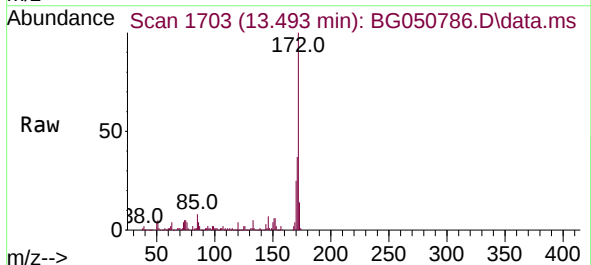
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BNA_G
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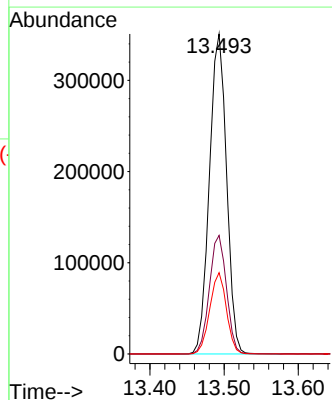
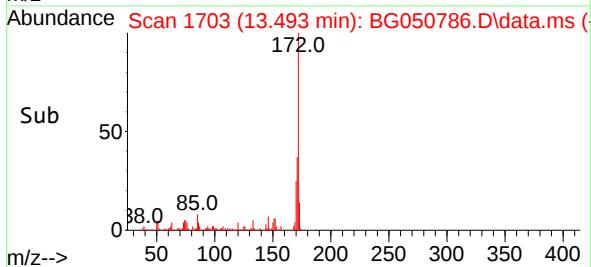
Tgt Ion:330 Resp: 124796
Ion Ratio Lower Upper
330 100
332 97.2 77.3 115.9
141 54.0 35.6 53.4#

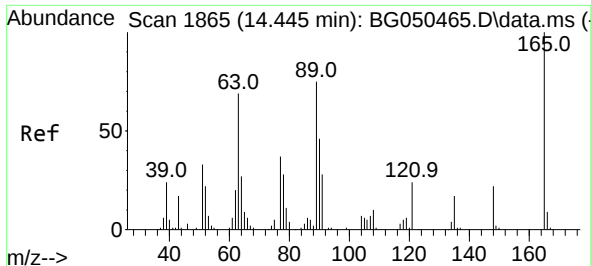


#45
2-Fluorobiphenyl
Concen: 94.793 ng
RT: 13.493 min Scan# 1703
Delta R.T. -0.012 min
Lab File: BG050786.D
Acq: 29 Oct 2021 20:44



Tgt Ion:172 Resp: 563324
Ion Ratio Lower Upper
172 100
171 37.1 28.6 43.0
170 25.4 18.6 27.8

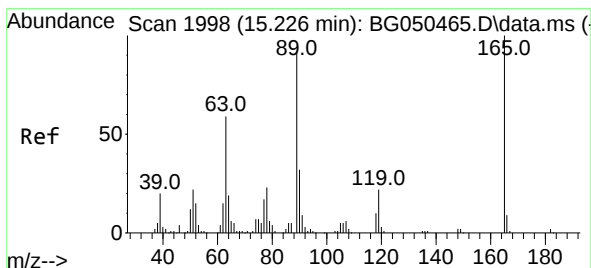
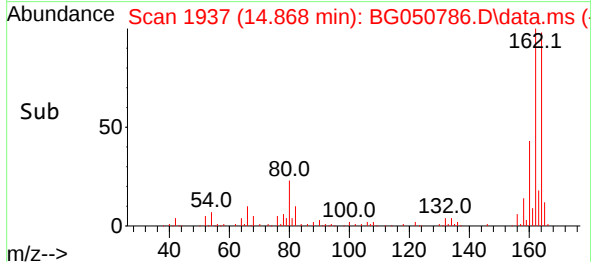
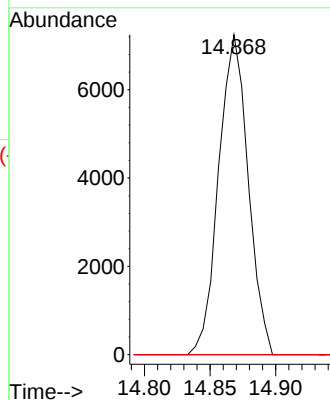
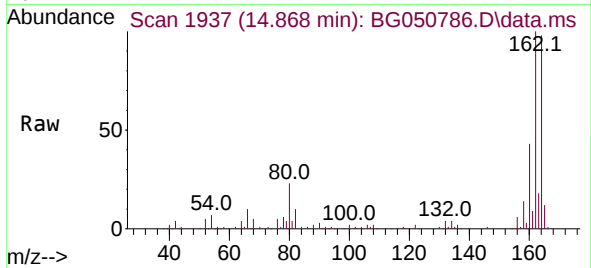




#51
2,6-Dinitrotoluene
Concen: 8.363 ng
RT: 14.868 min Scan# 1937
Delta R.T. 0.423 min
Lab File: BG050786.D
Acq: 29 Oct 2021 20:44

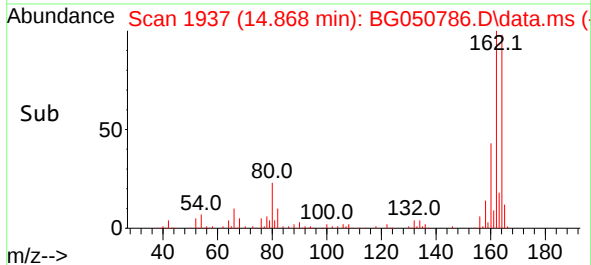
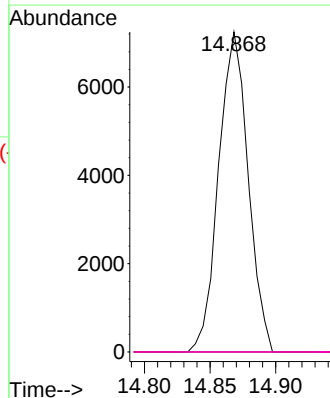
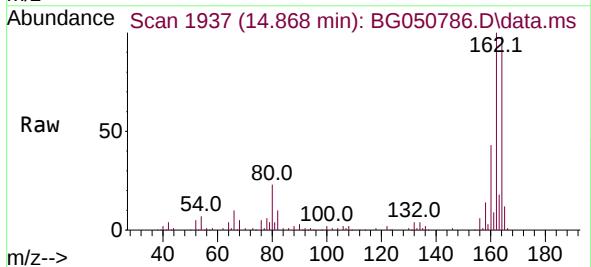
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ClientSampled :
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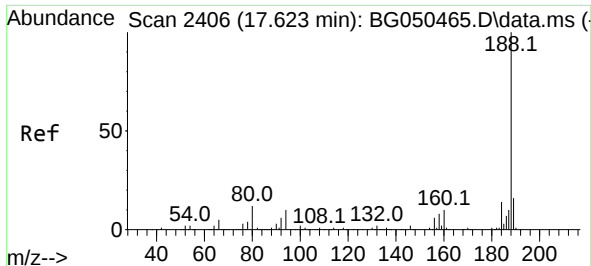
Tgt Ion:165 Resp: 11324
Ion Ratio Lower Upper
165 100
63 0.0 63.3 94.9#
89 0.0 63.4 95.0#



#57
2,4-Dinitrotoluene
Concen: 5.933 ng
RT: 14.868 min Scan# 1937
Delta R.T. -0.359 min
Lab File: BG050786.D
Acq: 29 Oct 2021 20:44

Tgt Ion:165 Resp: 11324
Ion Ratio Lower Upper
165 100
63 0.0 48.0 72.0#
89 0.0 65.4 98.0#
182 0.0 2.0 3.0#

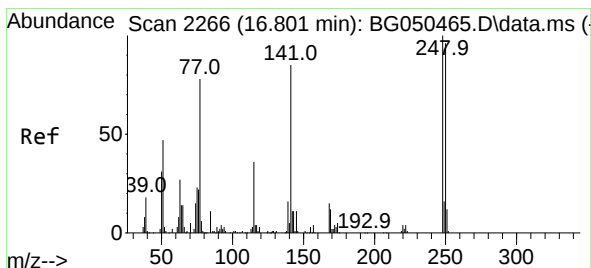
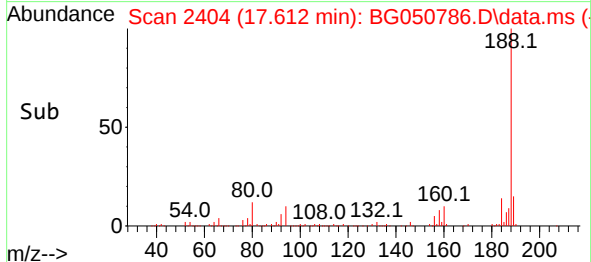
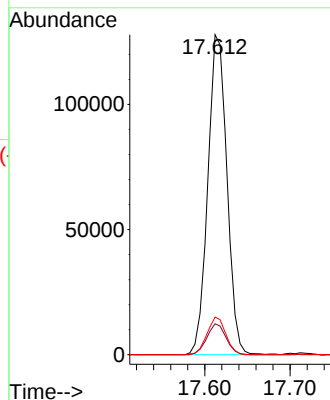
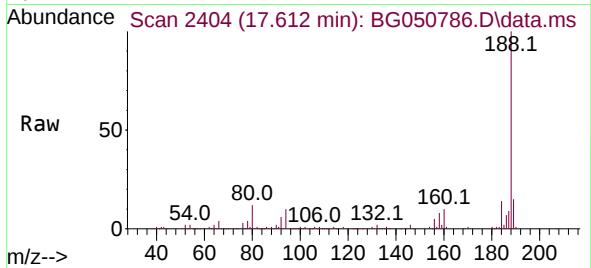




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.612 min Scan# 2404
Delta R.T. -0.006 min
Lab File: BG050786.D
Acq: 29 Oct 2021 20:44

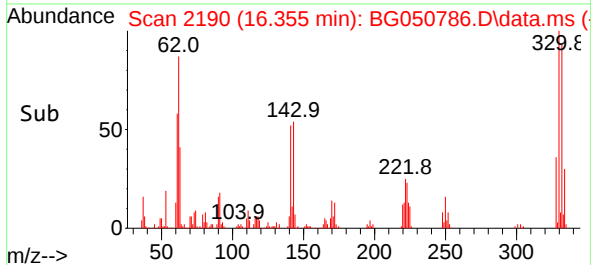
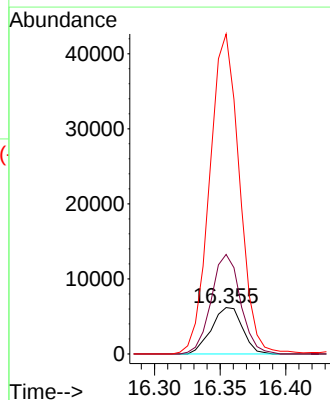
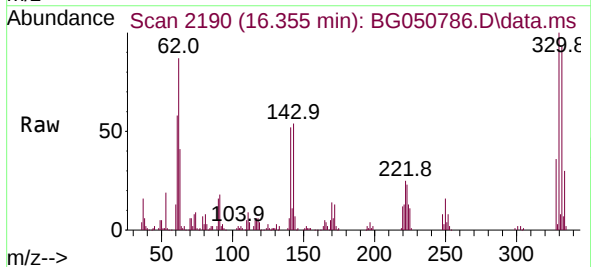
Instrument :
BNA_G
ClientSampleId :
N41924

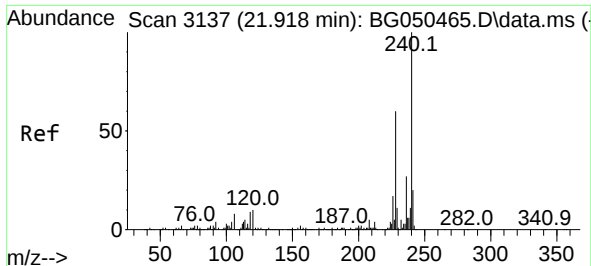
Tgt Ion:188 Resp: 198903
Ion Ratio Lower Upper
188 100
94 9.6 5.4 8.0#
80 11.8 3.7 5.5#



#67
4-Bromophenyl-phenylether
Concen: 5.060 ng
RT: 16.355 min Scan# 2190
Delta R.T. -0.447 min
Lab File: BG050786.D
Acq: 29 Oct 2021 20:44

Tgt Ion:248 Resp: 10142
Ion Ratio Lower Upper
248 100
250 214.2 76.1 114.1#
141 688.5 65.4 98.2#

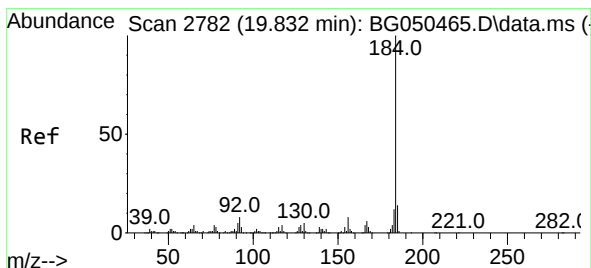
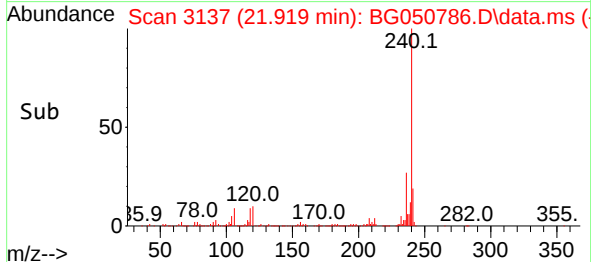
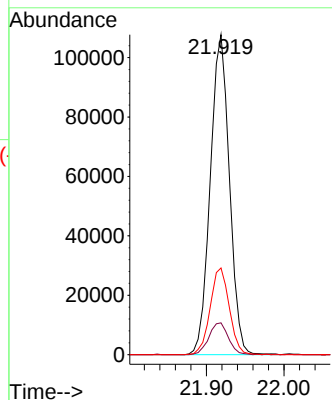
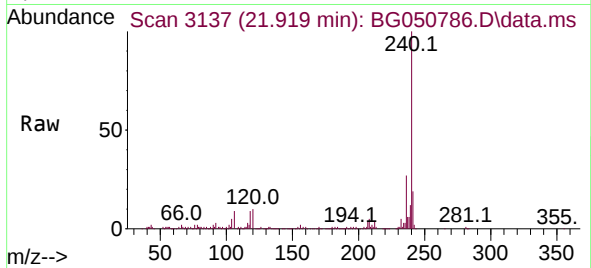




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.919 min Scan# 3137
Delta R.T. -0.006 min
Lab File: BG050786.D
Acq: 29 Oct 2021 20:44

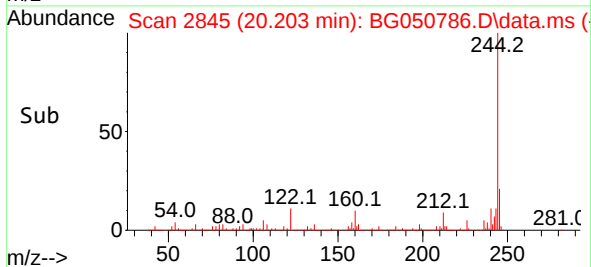
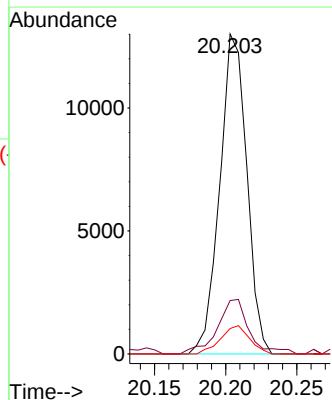
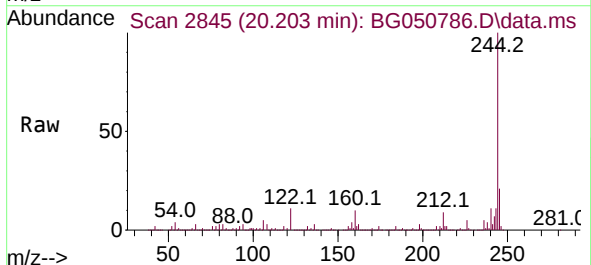
Instrument :
BNA_G
ClientSampleId :
N41924

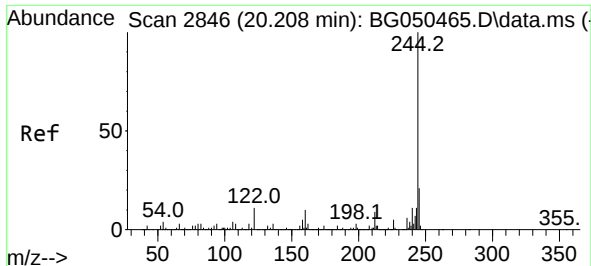
Tgt Ion:240 Resp: 184751
Ion Ratio Lower Upper
240 100
120 10.0 4.2 6.2#
236 27.1 21.8 32.6



#77
Benidine
Concen: 2.875 ng
RT: 20.203 min Scan# 2845
Delta R.T. 0.370 min
Lab File: BG050786.D
Acq: 29 Oct 2021 20:44

Tgt Ion:184 Resp: 17215
Ion Ratio Lower Upper
184 100
185 16.7 10.7 16.1#
183 7.9 9.4 14.0#

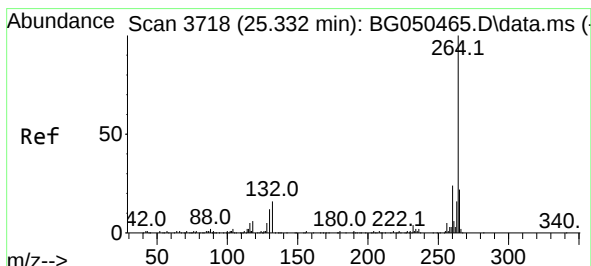
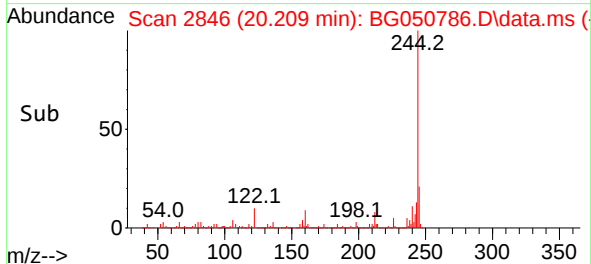
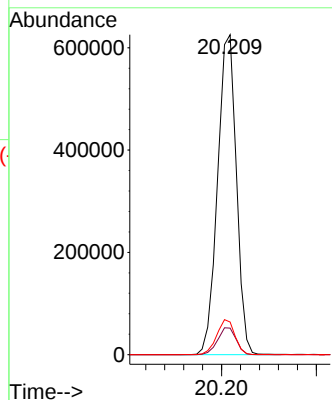
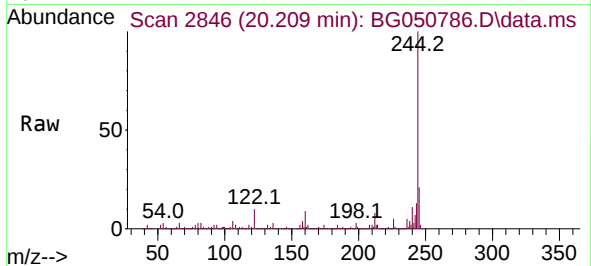




#79
 Terphenyl-d14
 Concen: 90.977 ng
 RT: 20.209 min Scan# 2846
 Delta R.T. -0.000 min
 Lab File: BG050786.D
 Acq: 29 Oct 2021 20:44

Instrument :
 BNA_G
 ClientSampleId :
 N41924

Tgt Ion:244 Resp: 862473
 Ion Ratio Lower Upper
 244 100
 212 8.3 6.9 10.3
 122 10.2 5.0 7.6#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.332 min Scan# 3718
 Delta R.T. -0.000 min
 Lab File: BG050786.D
 Acq: 29 Oct 2021 20:44

Tgt Ion:264 Resp: 184521
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.4 29.2
 265 21.3 16.9 25.3

