

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111921\
 Data File : BG051136.D
 Acq On : 20 Nov 2021 00:07
 Operator : CG/JU
 Sample : M4758-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP3

Quant Time: Nov 20 03:39:18 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 19 16:26:22 2021
 Response via : Initial Calibration

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

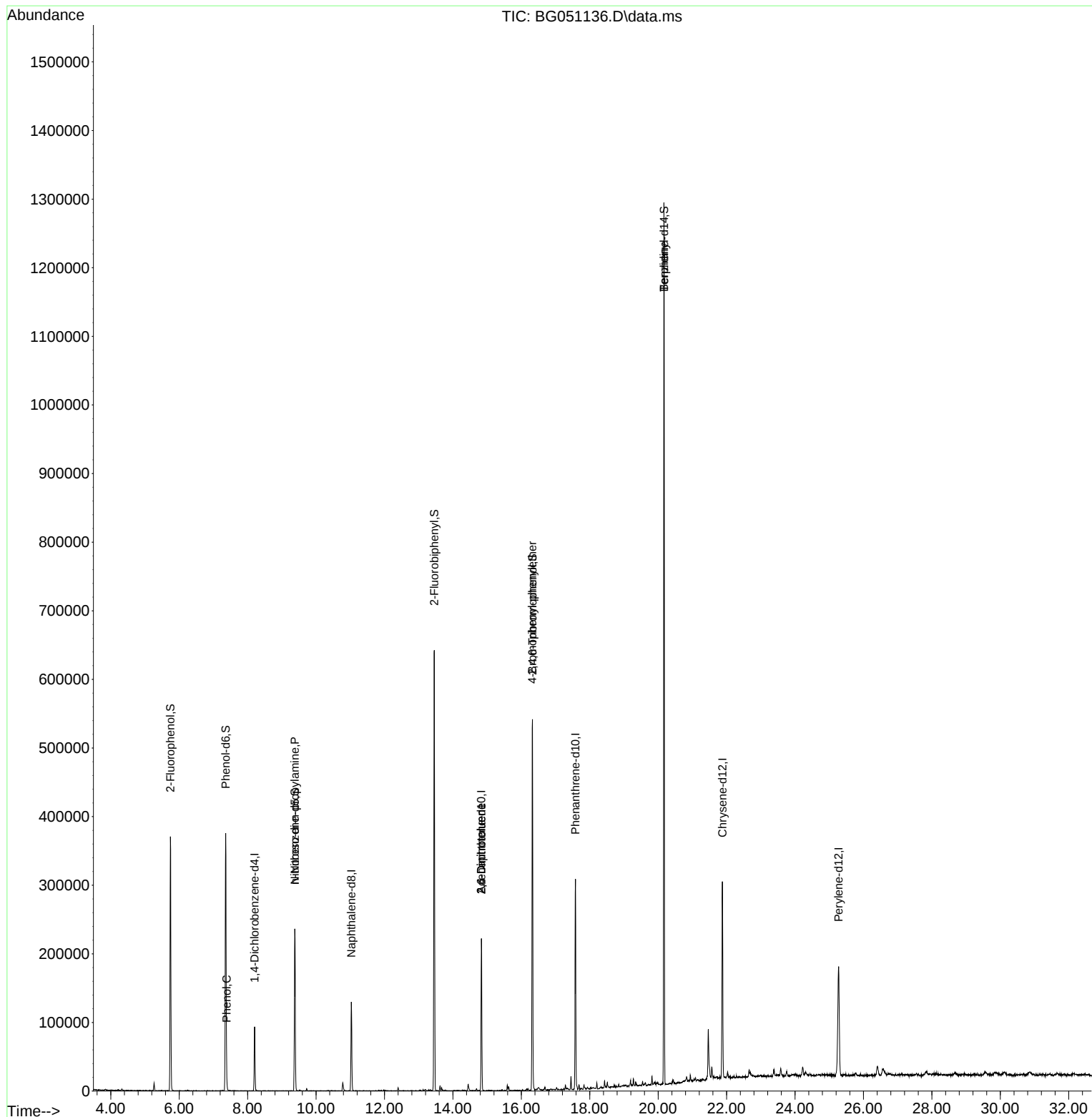
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.205	152	26146	20.000	ng	0.00
21) Naphthalene-d8	11.031	136	109903	20.000	ng	# 0.00
39) Acenaphthene-d10	14.833	164	79172	20.000	ng	0.00
64) Phenanthrene-d10	17.582	188	194043	20.000	ng	# 0.00
76) Chrysene-d12	21.877	240	176305	20.000	ng	# 0.00
86) Perylene-d12	25.273	264	175021	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.743	112	163580	96.714	ng	0.00
7) Phenol-d6	7.359	99	223034	93.624	ng	0.00
23) Nitrobenzene-d5	9.380	82	156034	64.809	ng	0.00
42) 2,4,6-Tribromophenol	16.325	330	93451	111.053	ng	0.00
45) 2-Fluorobiphenyl	13.458	172	332977	63.463	ng	0.00
79) Terphenyl-d14	20.168	244	602974	62.522	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	7.388	94	8036	3.286	ng	91
19) n-Nitroso-di-n-propyla...	9.380	70	21592	12.279	ng	# 67
51) 2,6-Dinitrotoluene	14.833	165	10082	7.914	ng	# 10
57) 2,4-Dinitrotoluene	14.833	165	10082	5.525	ng	# 15
67) 4-Bromophenyl-phenylether	16.319	248	7132	3.398	ng	# 1
77) Benzydine	20.168	184	10255	3.542	ng	# 93

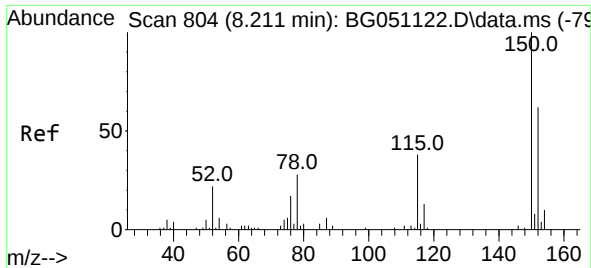
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

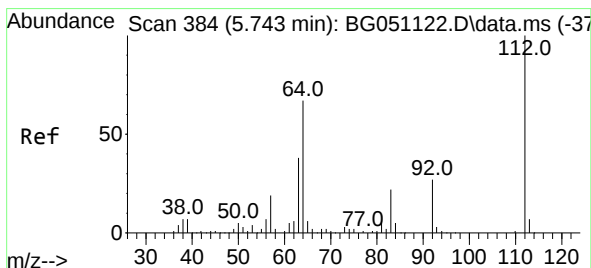
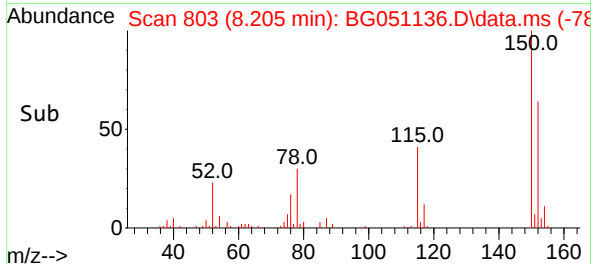
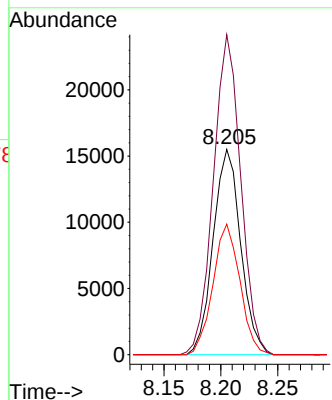
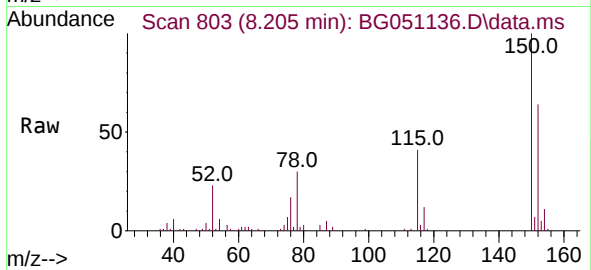




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.205 min Scan# 804
Delta R.T. -0.006 min
Lab File: BG051136.D
Acq: 20 Nov 2021 00:07

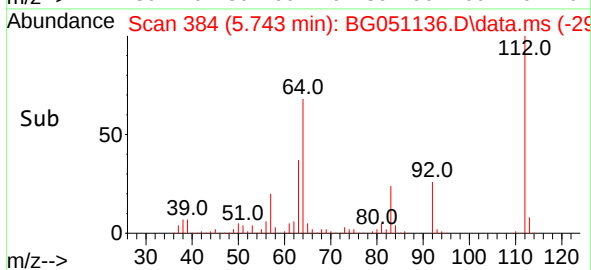
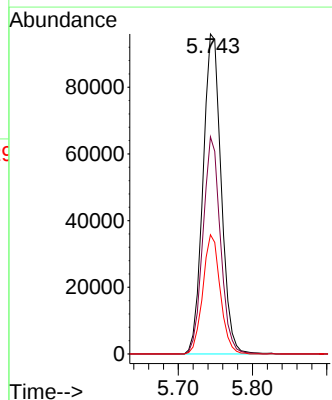
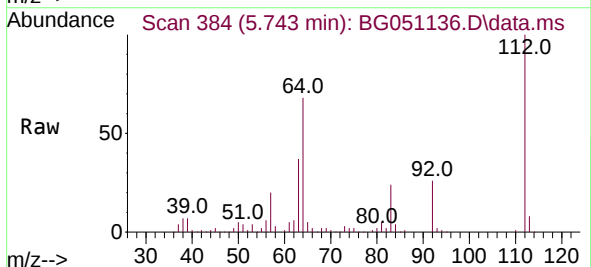
Instrument :
BNA_G
ClientSampleId :
TP3

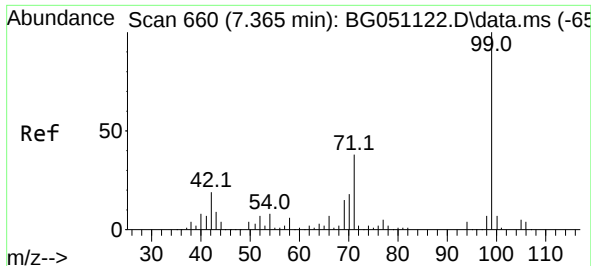
Tgt Ion:152 Resp: 26146
Ion Ratio Lower Upper
152 100
150 155.9 119.4 179.0
115 63.6 60.2 90.4



#5
2-Fluorophenol
Concen: 96.714 ng
RT: 5.743 min Scan# 384
Delta R.T. 0.000 min
Lab File: BG051136.D
Acq: 20 Nov 2021 00:07

Tgt Ion:112 Resp: 163580
Ion Ratio Lower Upper
112 100
64 67.9 46.7 70.1
63 37.3 35.3 52.9

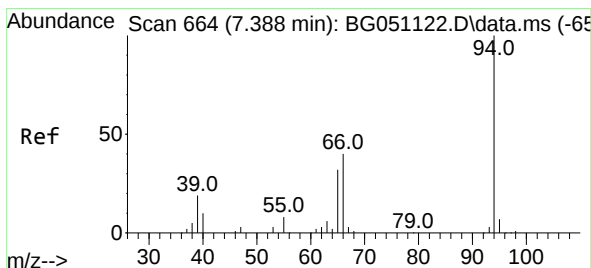
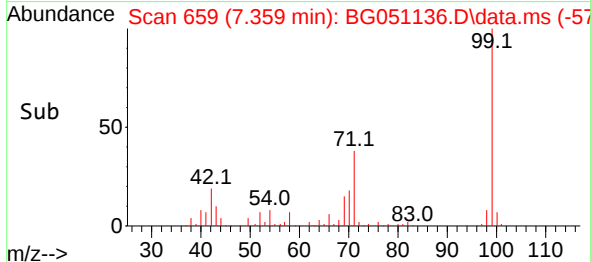
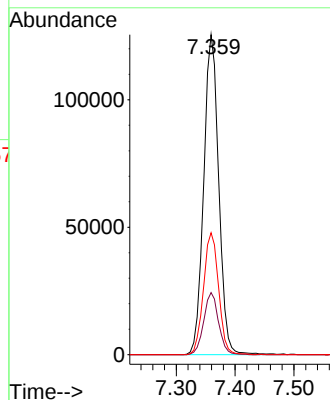
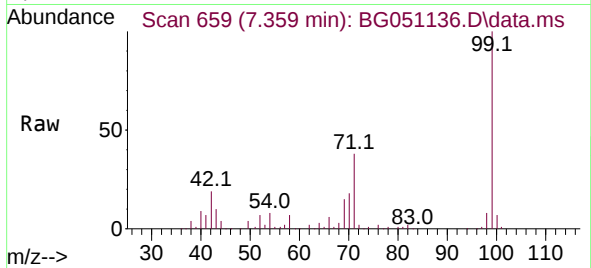




#7
Phenol-d6
Concen: 93.624 ng
RT: 7.359 min Scan# 61
Delta R.T. -0.006 min
Lab File: BG051136.D
Acq: 20 Nov 2021 00:07

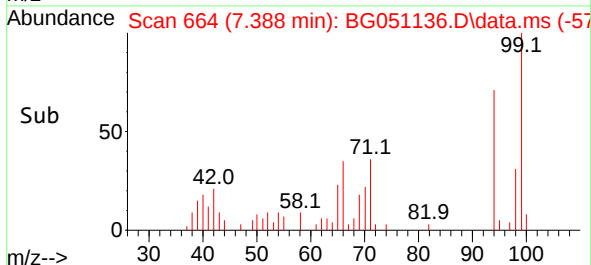
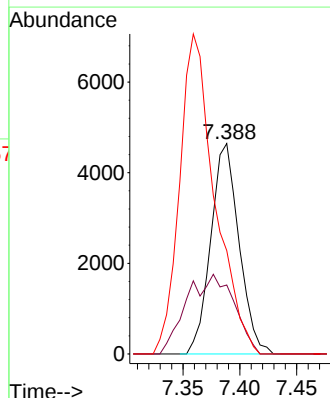
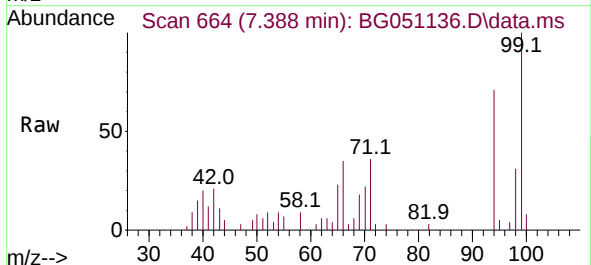
Instrument :
BNA_G
ClientSampleId :
TP3

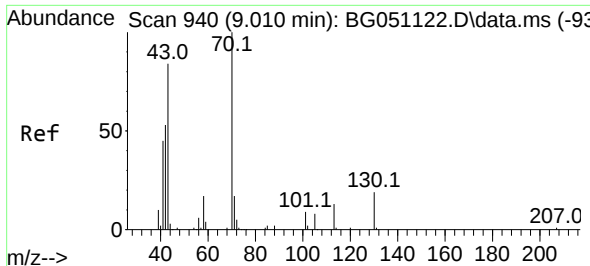
Tgt Ion: 99 Resp: 223034
Ion Ratio Lower Upper
99 100
42 19.4 20.5 30.7#
71 38.1 41.5 62.3#



#10
Phenol
Concen: 3.286 ng
RT: 7.388 min Scan# 664
Delta R.T. 0.000 min
Lab File: BG051136.D
Acq: 20 Nov 2021 00:07

Tgt Ion: 94 Resp: 8036
Ion Ratio Lower Upper
94 100
65 32.8 12.9 52.9
66 49.1 39.4 79.4

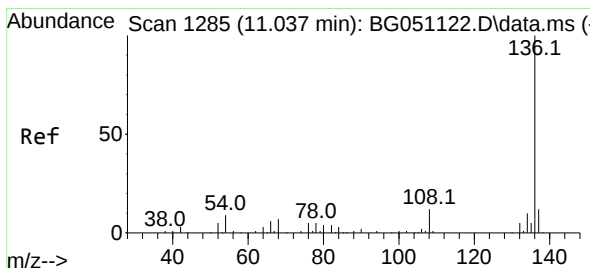
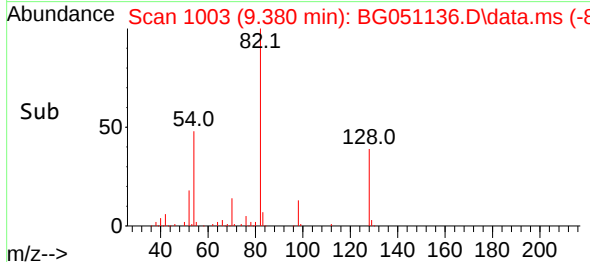
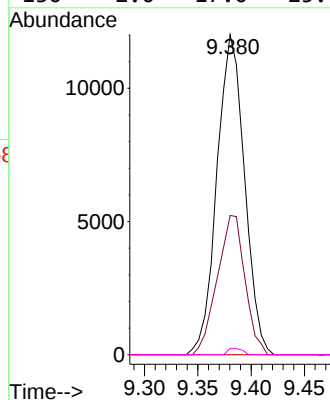
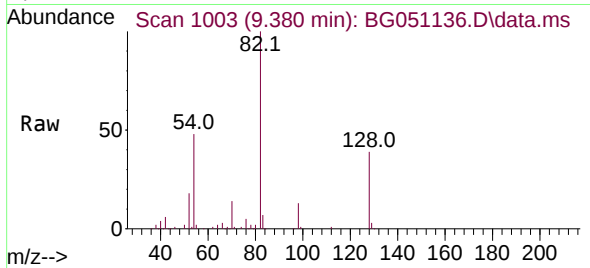




#19
n-Nitroso-di-n-propylamine
Concen: 12.279 ng
RT: 9.380 min Scan# 1003
Delta R.T. 0.370 min
Lab File: BG051136.D
Acq: 20 Nov 2021 00:07

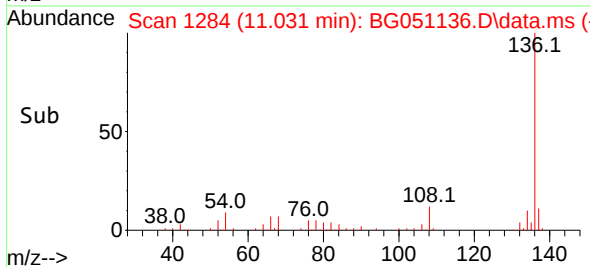
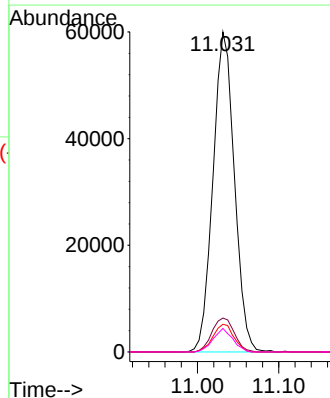
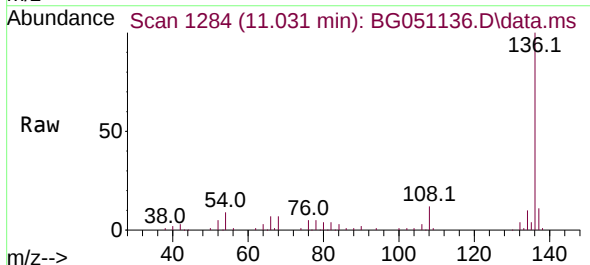
Instrument :
BNA_G
ClientSampleId :
TP3

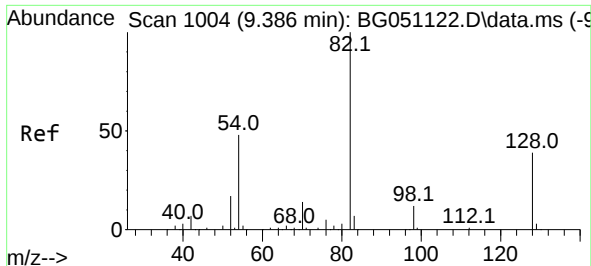
Tgt Ion:	70	Resp:	21592
Ion	Ratio	Lower	Upper
70	100		
42	43.5	54.5	81.7#
101	0.0	9.0	13.6#
130	2.0	17.0	25.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.031 min Scan# 1284
Delta R.T. -0.006 min
Lab File: BG051136.D
Acq: 20 Nov 2021 00:07

Tgt Ion:	136	Resp:	109903
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.2	12.2
54	8.6	5.5	8.3#
68	7.4	2.3	3.5#

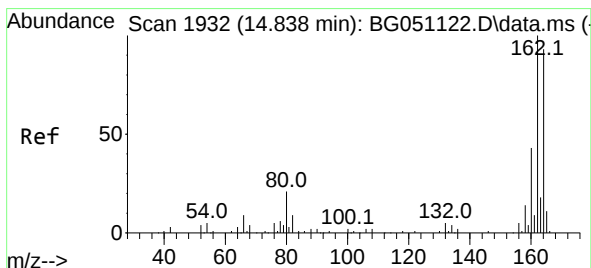
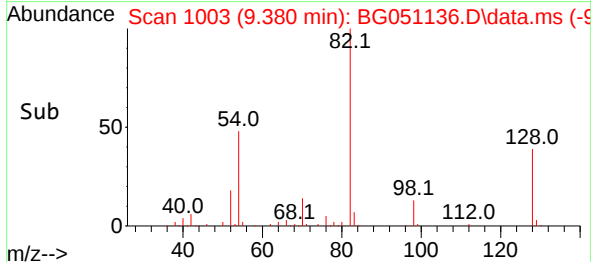
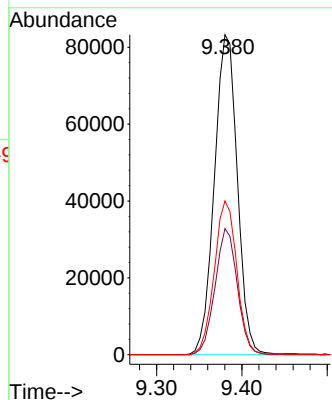
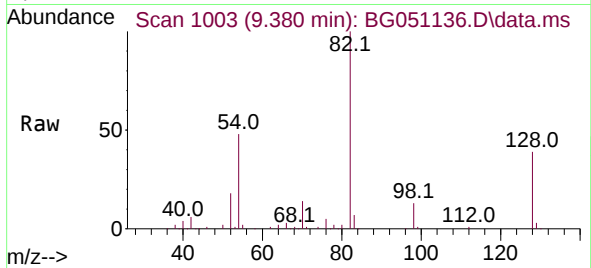




#23
Nitrobenzene-d5
Concen: 64.809 ng
RT: 9.380 min Scan# 1004
Delta R.T. -0.006 min
Lab File: BG051136.D
Acq: 20 Nov 2021 00:07

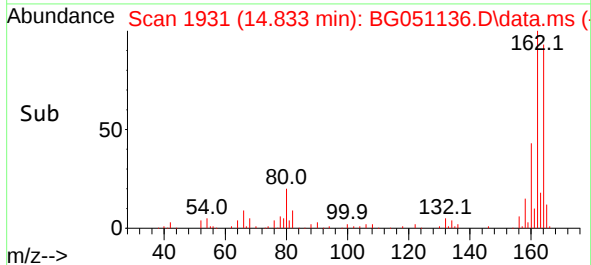
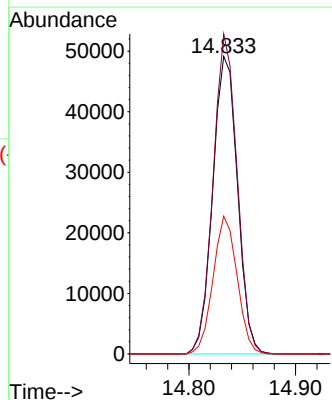
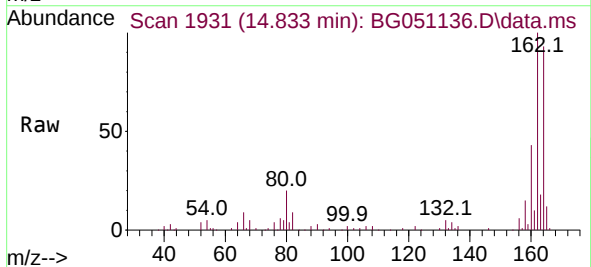
Instrument :
BNA_G
ClientSampleId :
TP3

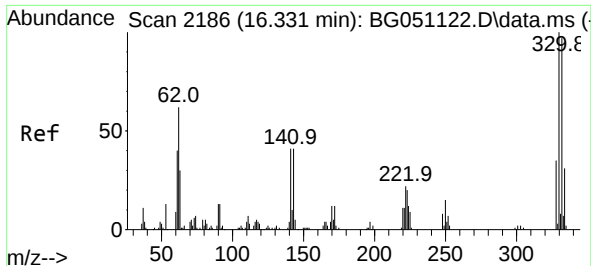
Tgt Ion: 82 Resp: 156034
Ion Ratio Lower Upper
82 100
128 39.4 29.8 44.6
54 48.1 45.8 68.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.833 min Scan# 1931
Delta R.T. -0.005 min
Lab File: BG051136.D
Acq: 20 Nov 2021 00:07

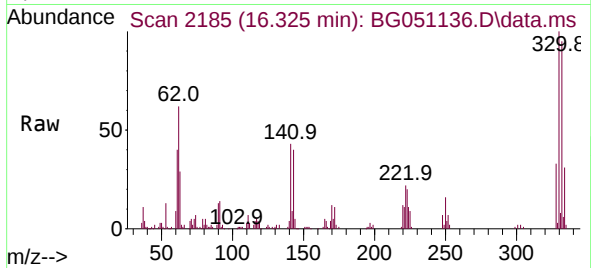
Tgt Ion:164 Resp: 79172
Ion Ratio Lower Upper
164 100
162 107.5 81.4 122.0
160 46.3 34.9 52.3



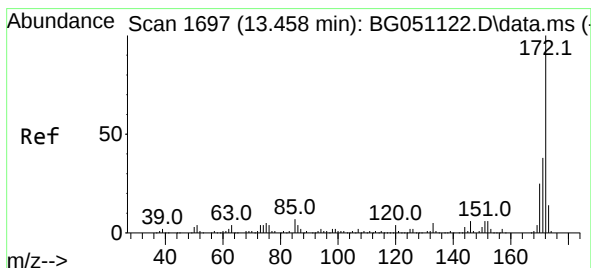
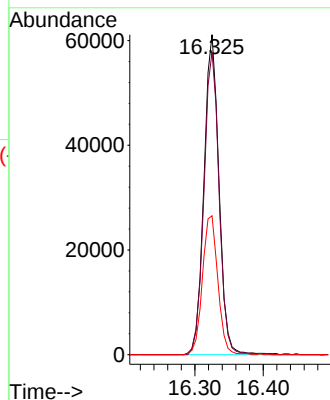
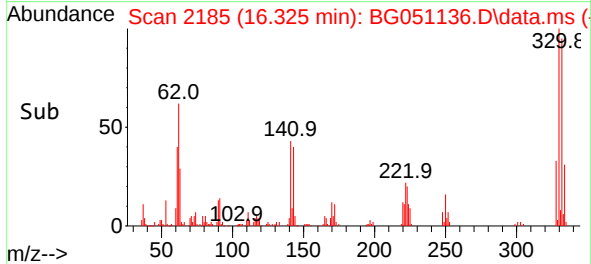


#42
2,4,6-Tribromophenol
Concen: 111.053 ng
RT: 16.325 min Scan# 2186
Delta R.T. -0.006 min
Lab File: BG051136.D
Acq: 20 Nov 2021 00:07

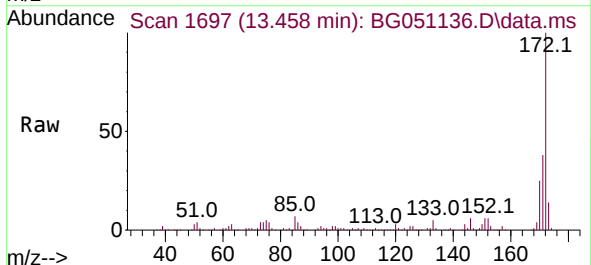
Instrument :
BNA_G
ClientSampleId :
TP3



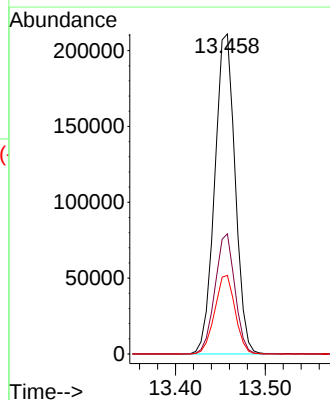
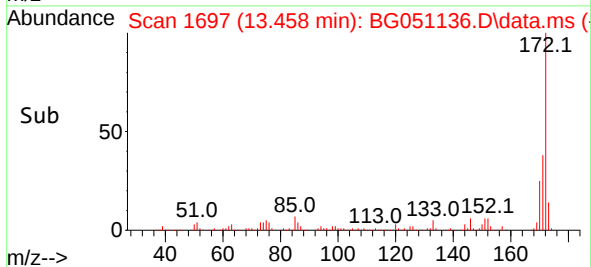
Tgt Ion:330 Resp: 93451
Ion Ratio Lower Upper
330 100
332 95.2 77.3 115.9
141 44.6 35.6 53.4

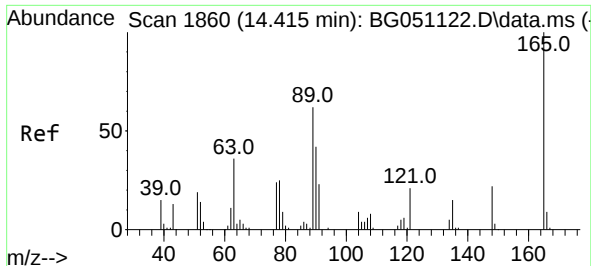


#45
2-Fluorobiphenyl
Concen: 63.463 ng
RT: 13.458 min Scan# 1697
Delta R.T. 0.000 min
Lab File: BG051136.D
Acq: 20 Nov 2021 00:07



Tgt Ion:172 Resp: 332977
Ion Ratio Lower Upper
172 100
171 37.5 28.6 43.0
170 24.5 18.6 27.8

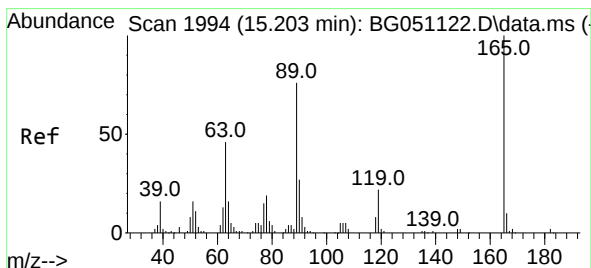
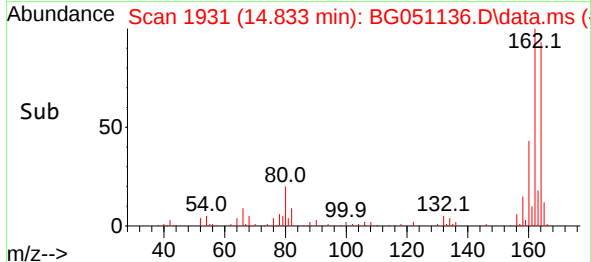
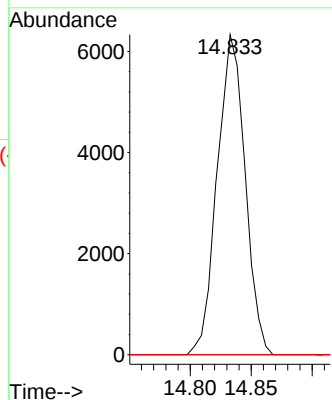
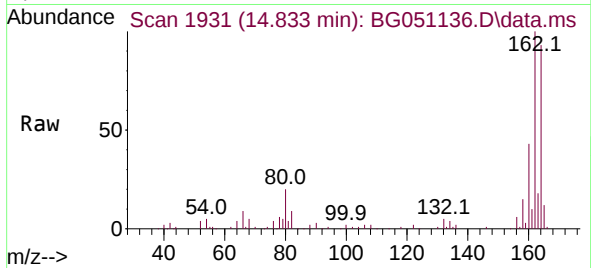




#51
2,6-Dinitrotoluene
Concen: 7.914 ng
RT: 14.833 min Scan# 1931
Delta R.T. 0.417 min
Lab File: BG051136.D
Acq: 20 Nov 2021 00:07

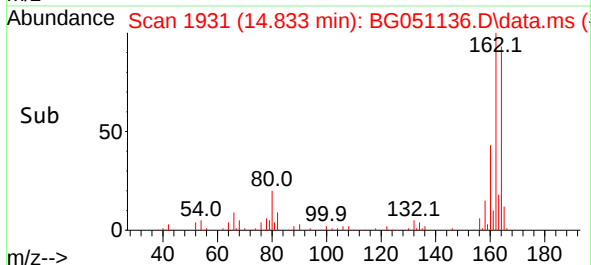
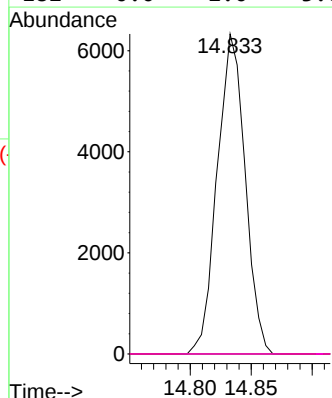
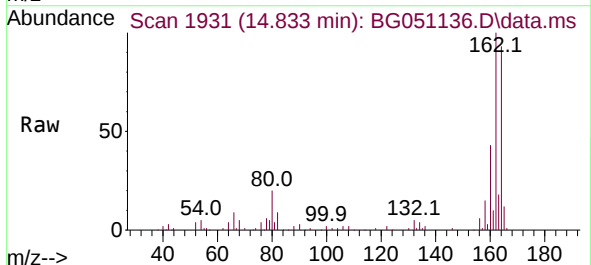
Instrument :
BNA_G
ClientSampleId :
TP3

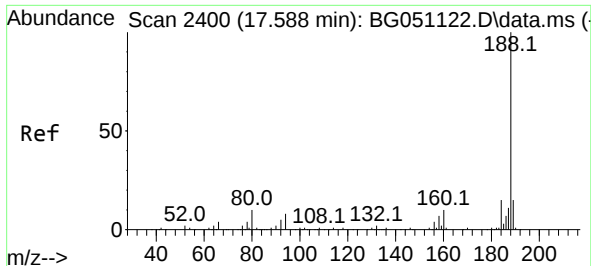
Tgt Ion:165 Resp: 10082
Ion Ratio Lower Upper
165 100
63 0.0 63.3 94.9#
89 0.0 63.4 95.0#



#57
2,4-Dinitrotoluene
Concen: 5.525 ng
RT: 14.833 min Scan# 1931
Delta R.T. -0.370 min
Lab File: BG051136.D
Acq: 20 Nov 2021 00:07

Tgt Ion:165 Resp: 10082
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#

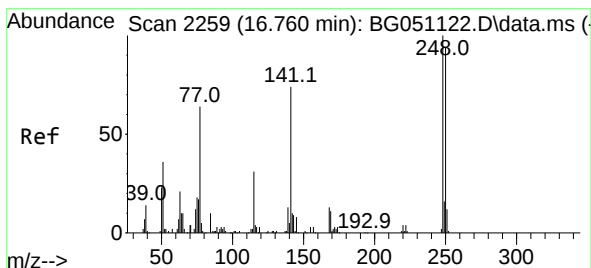
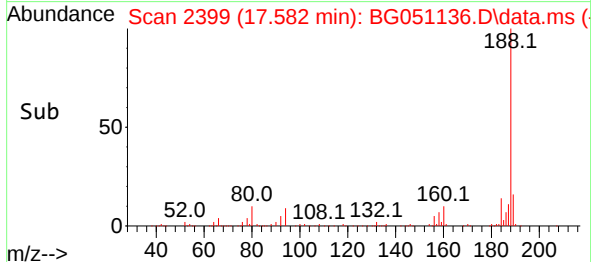
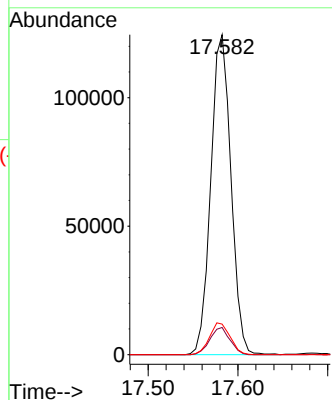
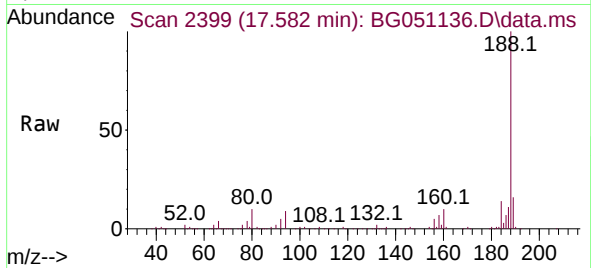




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.582 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG051136.D
Acq: 20 Nov 2021 00:07

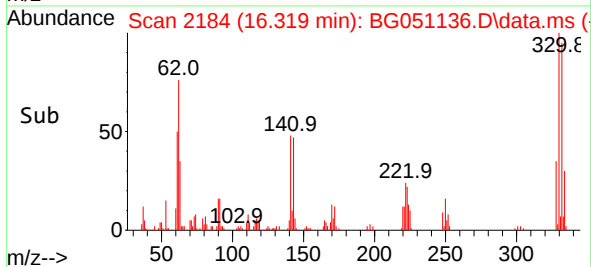
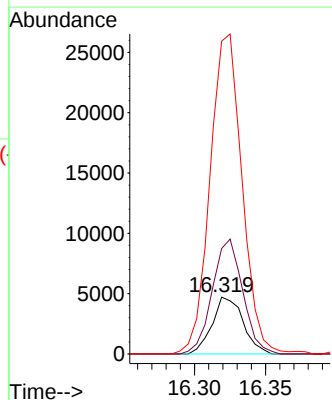
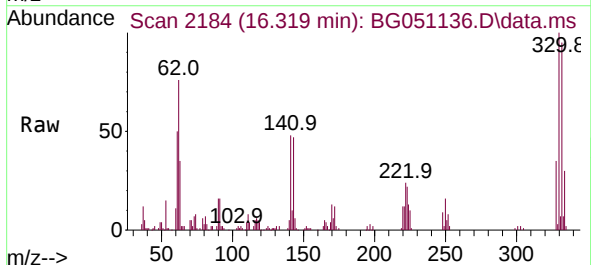
Instrument :
BNA_G
ClientSampleId :
TP3

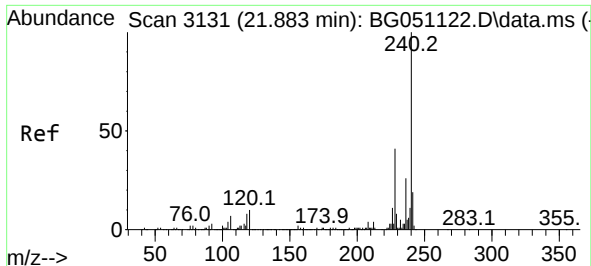
Tgt Ion:188 Resp: 194043
Ion Ratio Lower Upper
188 100
94 8.5 5.4 8.0#
80 9.5 3.7 5.5#



#67
4-Bromophenyl-phenylether
Concen: 3.398 ng
RT: 16.319 min Scan# 2184
Delta R.T. -0.441 min
Lab File: BG051136.D
Acq: 20 Nov 2021 00:07

Tgt Ion:248 Resp: 7132
Ion Ratio Lower Upper
248 100
250 185.8 76.1 114.1#
141 551.1 65.4 98.2#

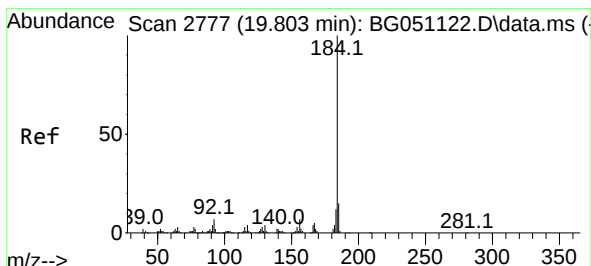
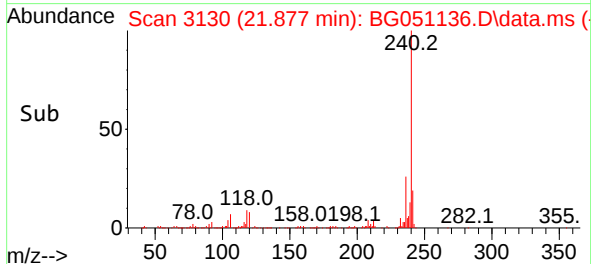
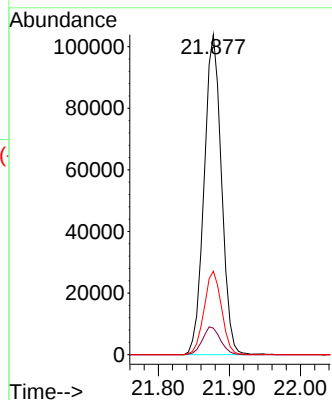
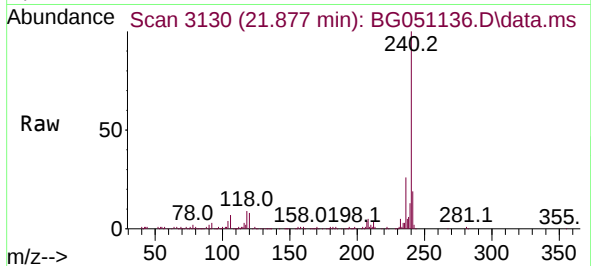




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.877 min Scan# 3131
Delta R.T. -0.006 min
Lab File: BG051136.D
Acq: 20 Nov 2021 00:07

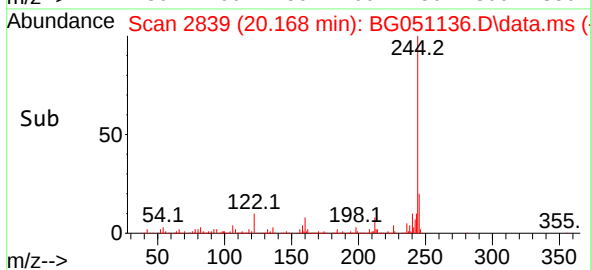
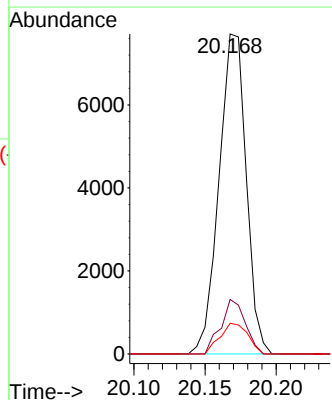
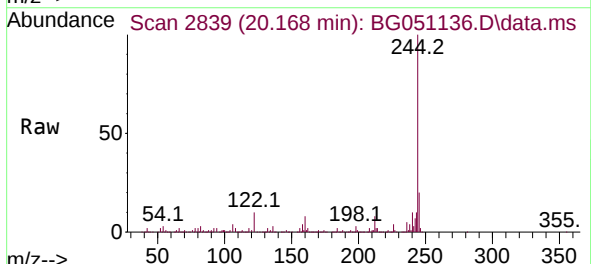
Instrument :
BNA_G
ClientSampleId :
TP3

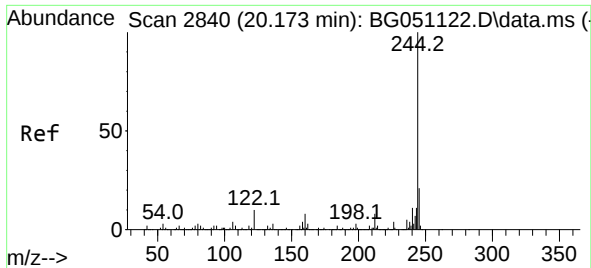
Tgt Ion:240 Resp: 176305
Ion Ratio Lower Upper
240 100
120 8.3 4.2 6.2#
236 26.1 21.8 32.6



#77
Benzidine
Concen: 3.542 ng
RT: 20.168 min Scan# 2839
Delta R.T. 0.364 min
Lab File: BG051136.D
Acq: 20 Nov 2021 00:07

Tgt Ion:184 Resp: 10255
Ion Ratio Lower Upper
184 100
185 17.0 10.7 16.1#
183 9.6 9.4 14.0

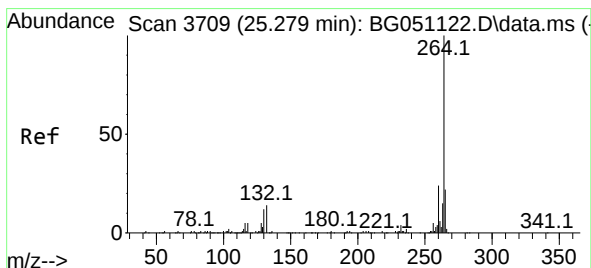
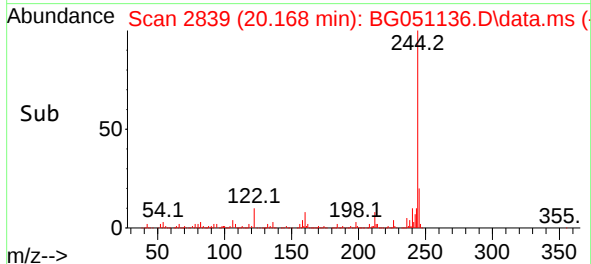
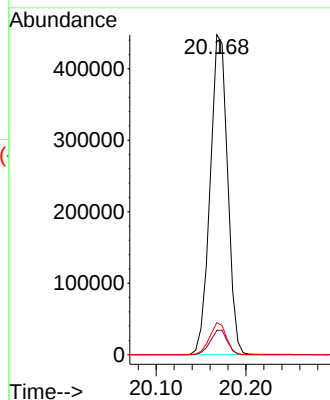
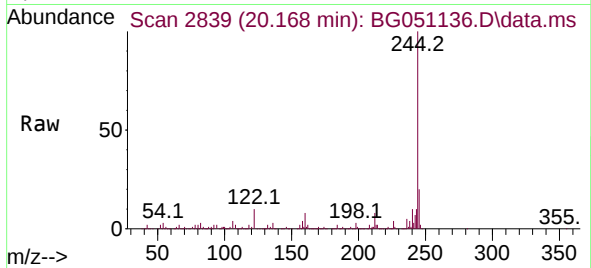




#79
 Terphenyl-d14
 Concen: 62.522 ng
 RT: 20.168 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BG051136.D
 Acq: 20 Nov 2021 00:07

Instrument :
 BNA_G
 ClientSampleId :
 TP3

Tgt Ion:244 Resp: 602974
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.9 10.3
 122 10.0 5.0 7.6#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.273 min Scan# 3708
 Delta R.T. -0.006 min
 Lab File: BG051136.D
 Acq: 20 Nov 2021 00:07

Tgt Ion:264 Resp: 175021
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.4 29.2
 265 22.9 16.9 25.3

