

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111921\
 Data File : BG051141.D
 Acq On : 20 Nov 2021 3:30
 Operator : CG/JU
 Sample : M4758-17
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP9

Quant Time: Nov 20 04:12:47 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)

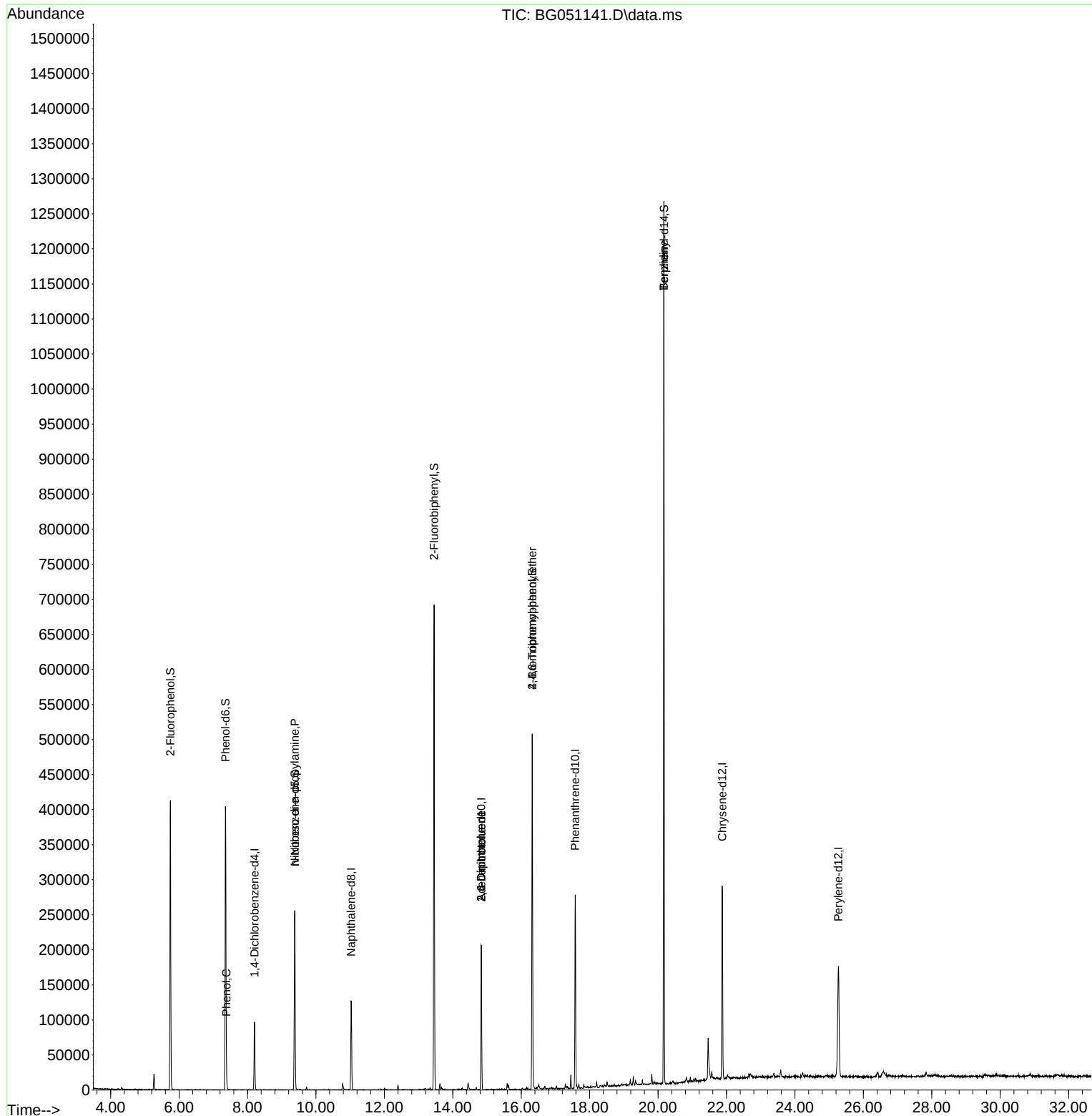
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.203	152	27460	20.000	ng	0.00
21) Naphthalene-d8	11.029	136	112560	20.000	ng	# 0.00
39) Acenaphthene-d10	14.836	164	75227	20.000	ng	0.00
64) Phenanthrene-d10	17.580	188	171175	20.000	ng	# 0.00
76) Chrysene-d12	21.875	240	175712	20.000	ng	# 0.00
86) Perylene-d12	25.271	264	173047	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.747	112	183291	103.183	ng	0.00
7) Phenol-d6	7.357	99	241359	96.469	ng	0.00
23) Nitrobenzene-d5	9.384	82	172620	70.006	ng	0.00
42) 2,4,6-Tribromophenol	16.323	330	83917	104.953	ng	0.00
45) 2-Fluorobiphenyl	13.455	172	348151	69.835	ng	0.00
79) Terphenyl-d14	20.171	244	588679	61.246	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	7.386	94	5228	2.036	ng	90
19) n-Nitroso-di-n-propyla...	9.384	70	23713	12.840	ng	# 67
51) 2,6-Dinitrotoluene	14.836	165	9951	8.220	ng	# 10
57) 2,4-Dinitrotoluene	14.836	165	9951	5.739	ng	# 15
67) 4-Bromophenyl-phenylether	16.323	248	6441	3.479	ng	# 1
77) Benzidine	20.165	184	9924	3.440	ng	# 88

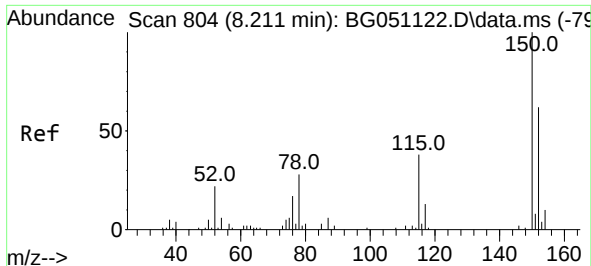
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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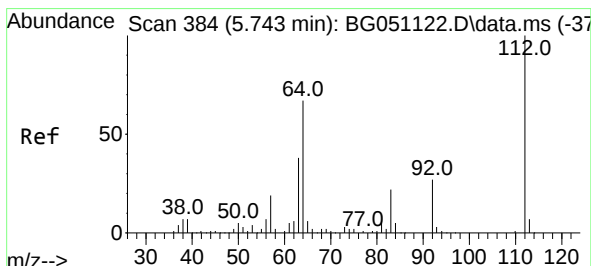
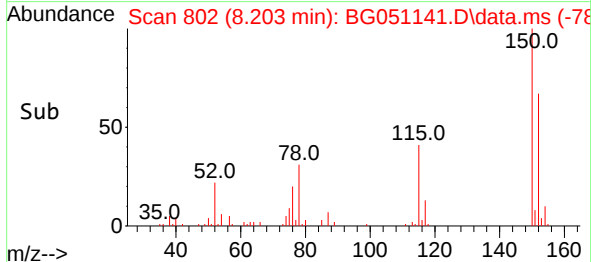
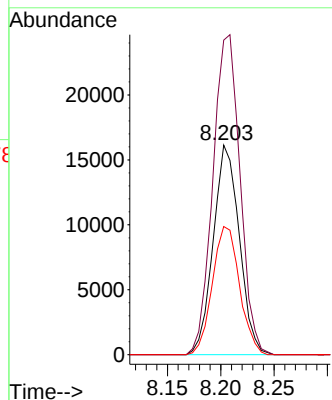
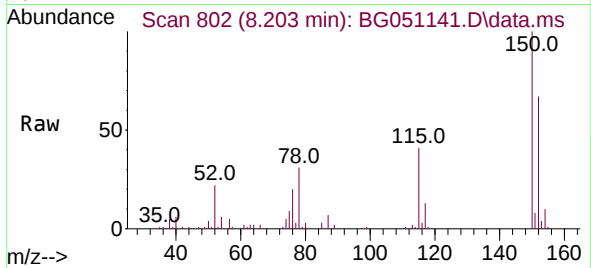




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.203 min Scan# 804
Delta R.T. -0.008 min
Lab File: BG051141.D
Acq: 20 Nov 2021 3:30

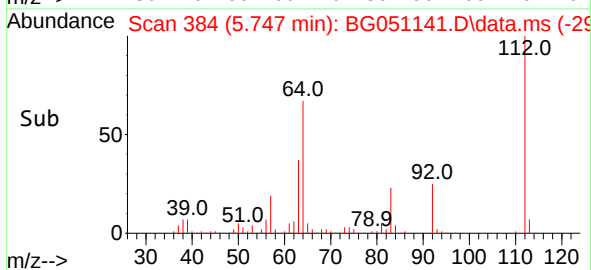
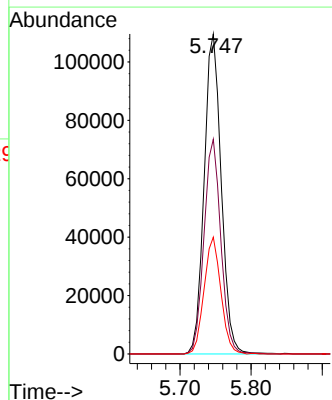
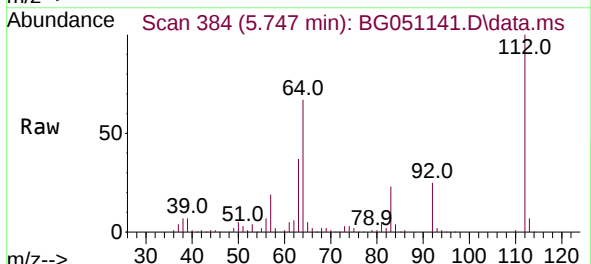
Instrument :
BNA_G
ClientSampleId :
TP9

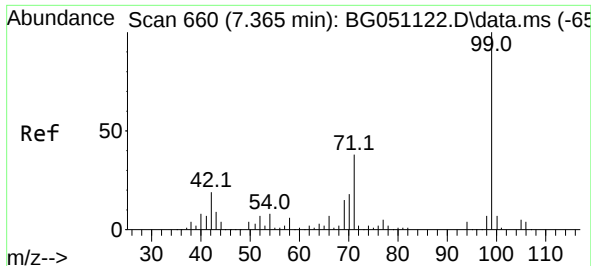
Tgt Ion:152 Resp: 27460
Ion Ratio Lower Upper
152 100
150 150.1 119.4 179.0
115 61.2 60.2 90.4



#5
2-Fluorophenol
Concen: 103.183 ng
RT: 5.747 min Scan# 384
Delta R.T. 0.004 min
Lab File: BG051141.D
Acq: 20 Nov 2021 3:30

Tgt Ion:112 Resp: 183291
Ion Ratio Lower Upper
112 100
64 67.1 46.7 70.1
63 36.5 35.3 52.9

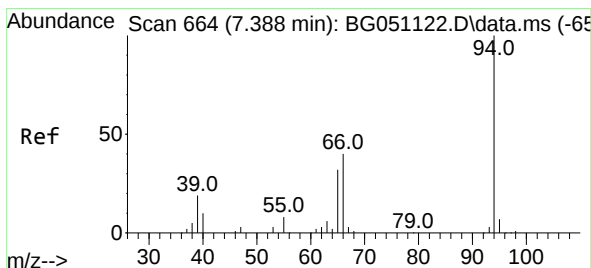
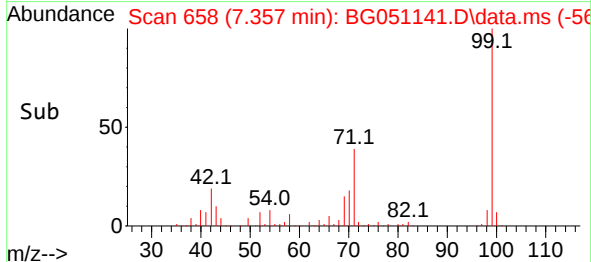
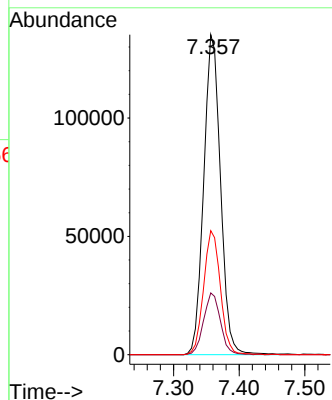
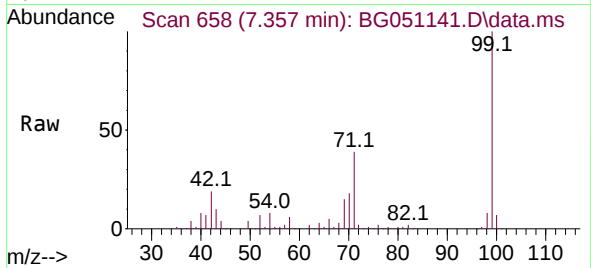




#7
Phenol-d6
Concen: 96.469 ng
RT: 7.357 min Scan# 61
Delta R.T. -0.008 min
Lab File: BG051141.D
Acq: 20 Nov 2021 3:30

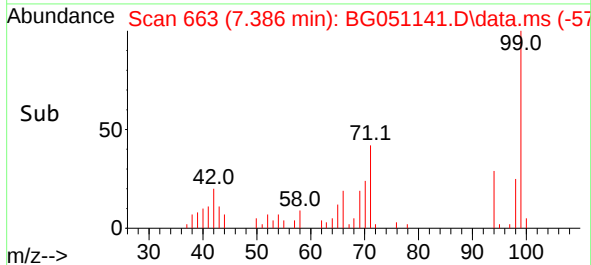
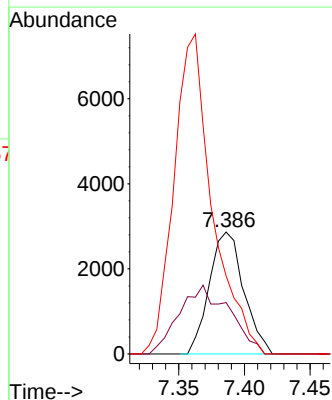
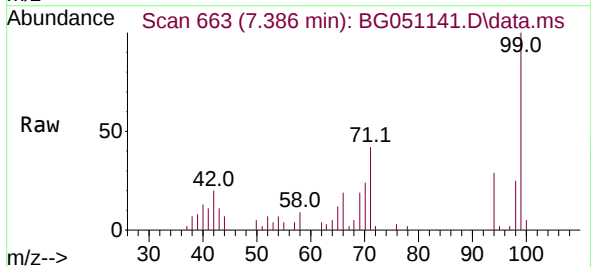
Instrument :
BNA_G
ClientSampleId :
TP9

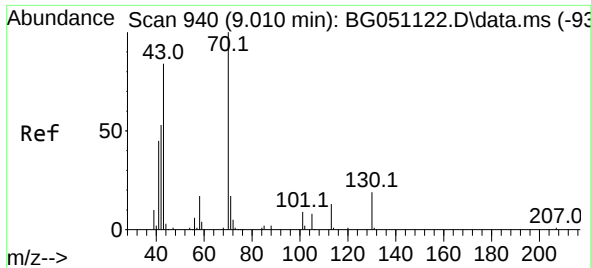
Tgt Ion: 99 Resp: 241359
Ion Ratio Lower Upper
99 100
42 19.3 20.5 30.7#
71 38.7 41.5 62.3#



#10
Phenol
Concen: 2.036 ng
RT: 7.386 min Scan# 663
Delta R.T. -0.002 min
Lab File: BG051141.D
Acq: 20 Nov 2021 3:30

Tgt Ion: 94 Resp: 5228
Ion Ratio Lower Upper
94 100
65 42.2 12.9 52.9
66 64.0 39.4 79.4

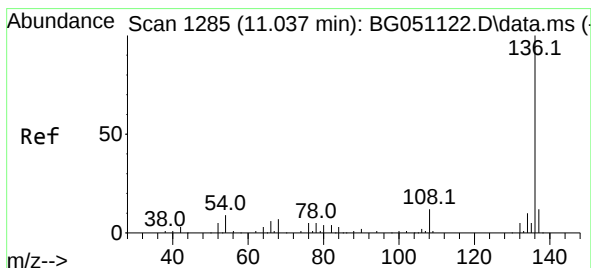
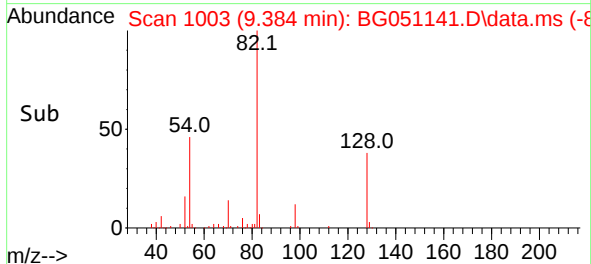
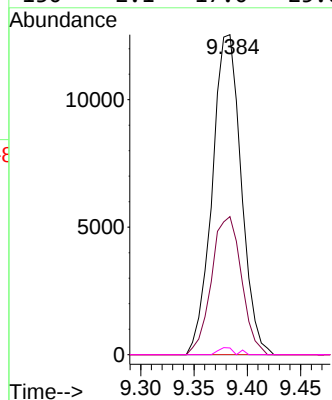
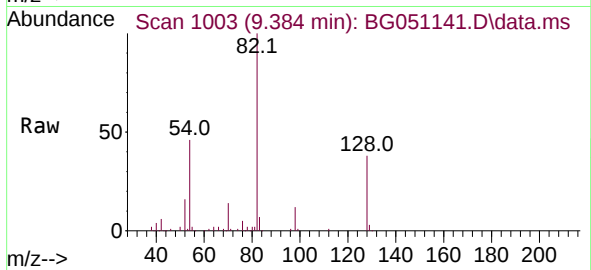




#19
n-Nitroso-di-n-propylamine
Concen: 12.840 ng
RT: 9.384 min Scan# 10
Delta R.T. 0.374 min
Lab File: BG051141.D
Acq: 20 Nov 2021 3:30

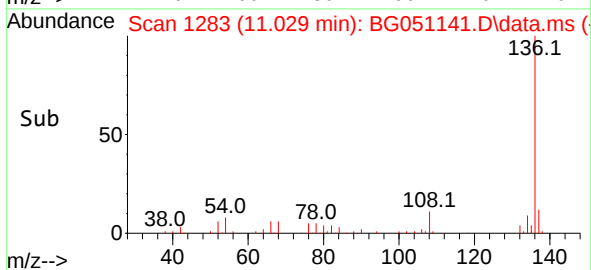
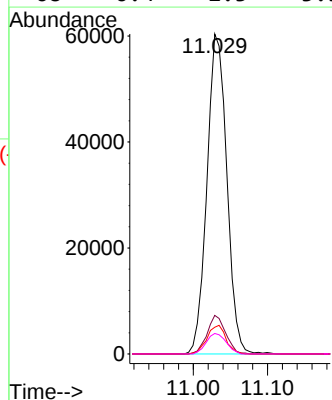
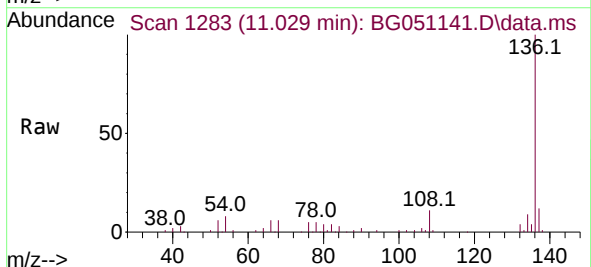
Instrument :
BNA_G
ClientSampleId :
TP9

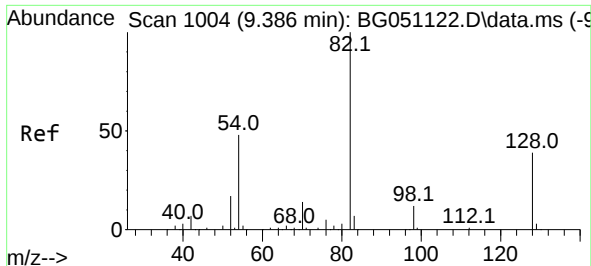
Tgt Ion:	70	Resp:	23713
Ion	Ratio	Lower	Upper
70	100		
42	43.2	54.5	81.7#
101	0.0	9.0	13.6#
130	2.1	17.0	25.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.029 min Scan# 1283
Delta R.T. -0.008 min
Lab File: BG051141.D
Acq: 20 Nov 2021 3:30

Tgt Ion:	136	Resp:	112560
Ion	Ratio	Lower	Upper
136	100		
137	12.0	8.2	12.2
54	8.3	5.5	8.3#
68	6.4	2.3	3.5#





#23

Nitrobenzene-d5

Concen: 70.006 ng

RT: 9.384 min Scan# 1003

Delta R.T. -0.002 min

Lab File: BG051141.D

Acq: 20 Nov 2021 3:30

Instrument :

BNA_G

ClientSampleId :

TP9

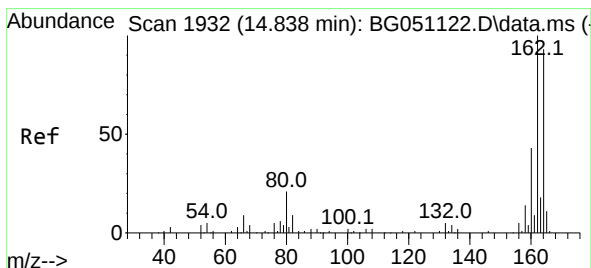
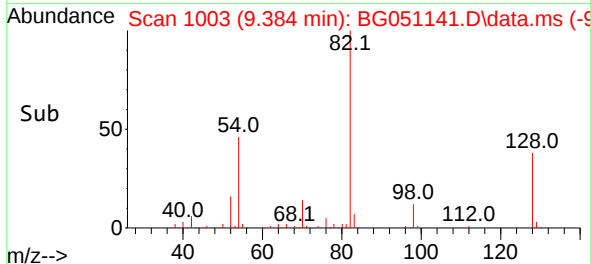
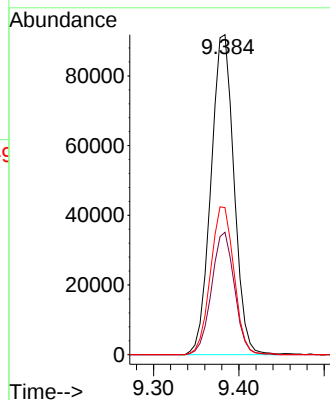
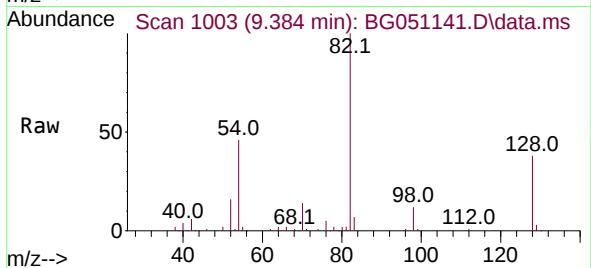
Tgt Ion: 82 Resp: 172620

Ion Ratio Lower Upper

82 100

128 38.2 29.8 44.6

54 45.9 45.8 68.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.836 min Scan# 1931

Delta R.T. -0.002 min

Lab File: BG051141.D

Acq: 20 Nov 2021 3:30

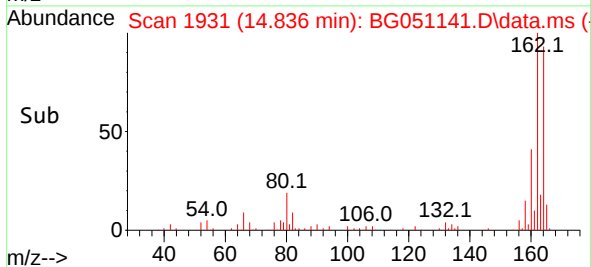
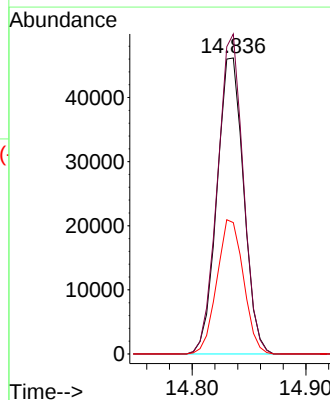
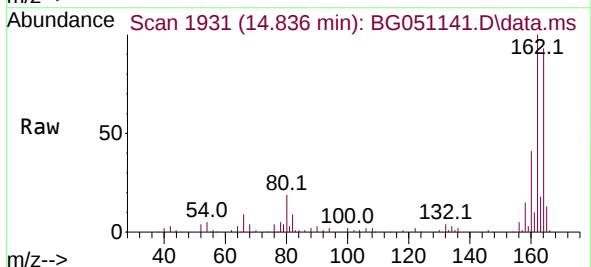
Tgt Ion:164 Resp: 75227

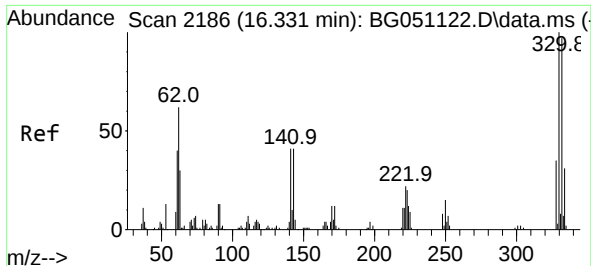
Ion Ratio Lower Upper

164 100

162 108.1 81.4 122.0

160 44.4 34.9 52.3

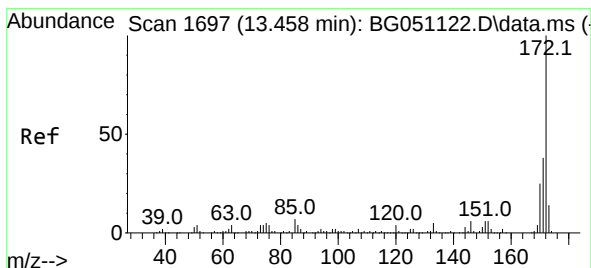
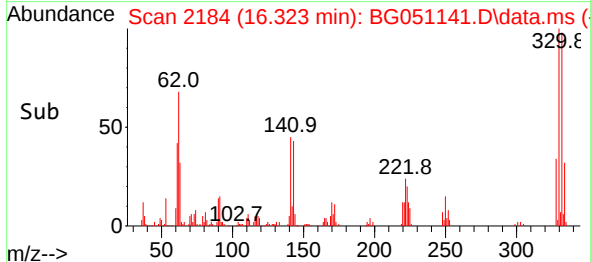
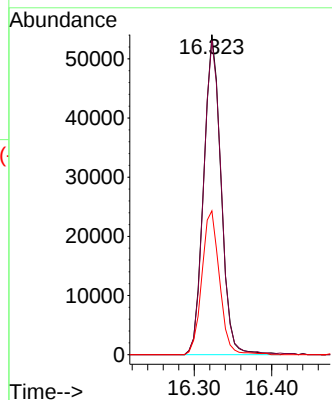
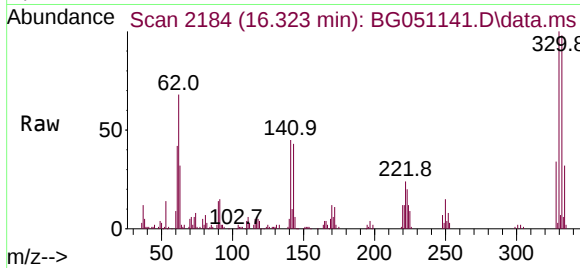




#42
2,4,6-Tribromophenol
Concen: 104.953 ng
RT: 16.323 min Scan# 2186
Delta R.T. -0.008 min
Lab File: BG051141.D
Acq: 20 Nov 2021 3:30

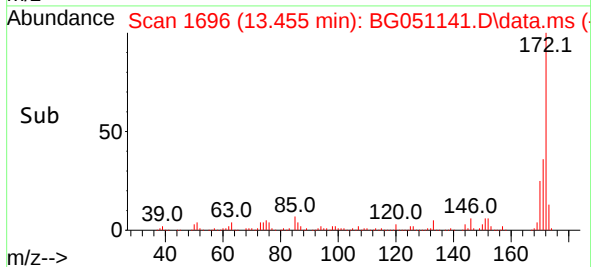
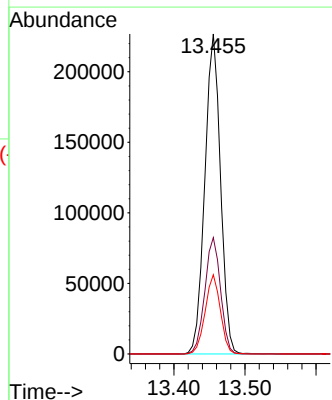
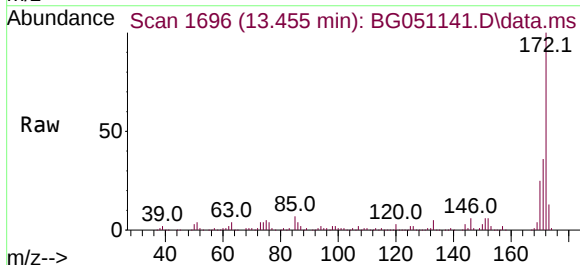
Instrument :
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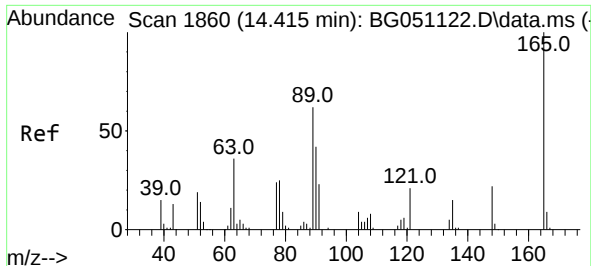
Tgt Ion:330 Resp: 83917
Ion Ratio Lower Upper
330 100
332 99.8 77.3 115.9
141 45.7 35.6 53.4



#45
2-Fluorobiphenyl
Concen: 69.835 ng
RT: 13.455 min Scan# 1696
Delta R.T. -0.002 min
Lab File: BG051141.D
Acq: 20 Nov 2021 3:30

Tgt Ion:172 Resp: 348151
Ion Ratio Lower Upper
172 100
171 36.4 28.6 43.0
170 24.7 18.6 27.8

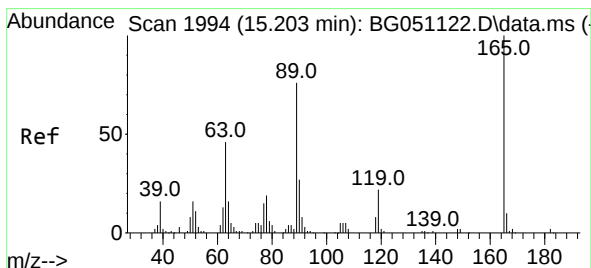
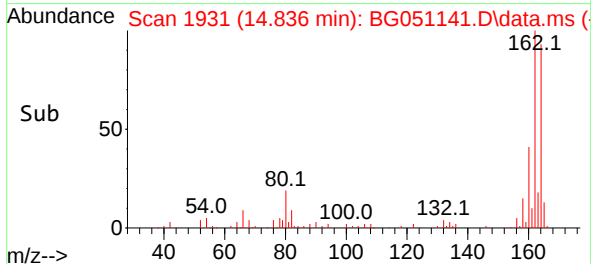
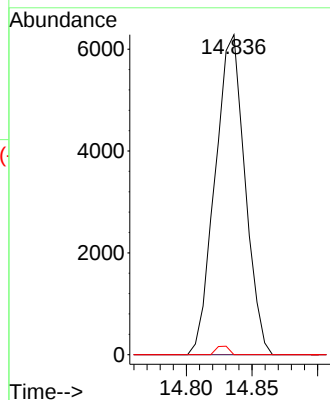
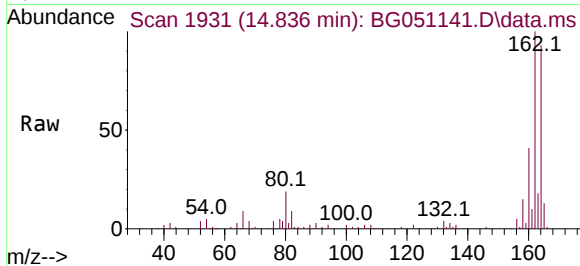




#51
2,6-Dinitrotoluene
Concen: 8.220 ng
RT: 14.836 min Scan# 1931
Delta R.T. 0.421 min
Lab File: BG051141.D
Acq: 20 Nov 2021 3:30

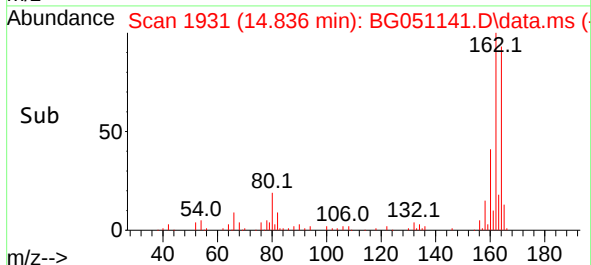
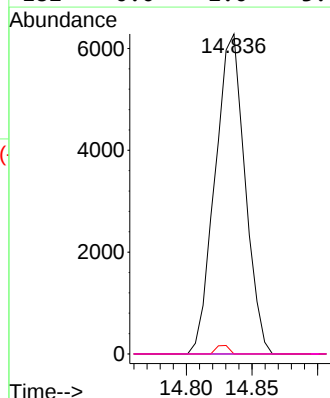
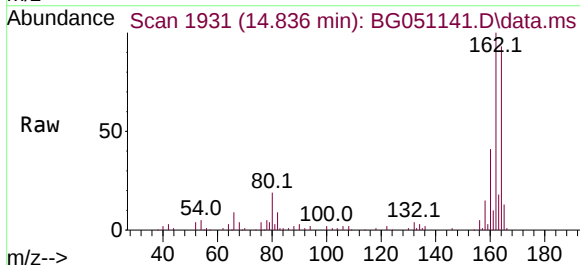
Instrument :
BNA_G
ClientSampleId :
TP9

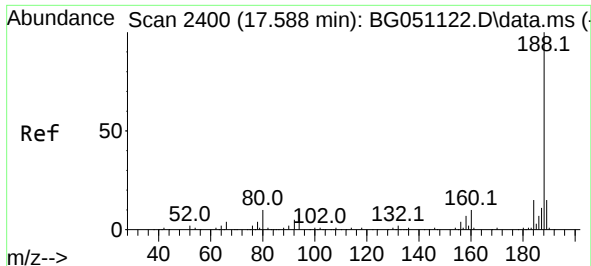
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	63.3	94.9#
89	0.0	63.4	95.0#



#57
2,4-Dinitrotoluene
Concen: 5.739 ng
RT: 14.836 min Scan# 1931
Delta R.T. -0.367 min
Lab File: BG051141.D
Acq: 20 Nov 2021 3:30

Tgt 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#

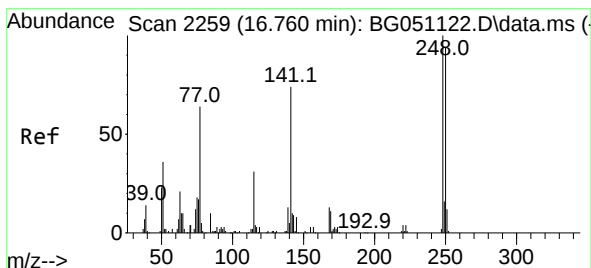
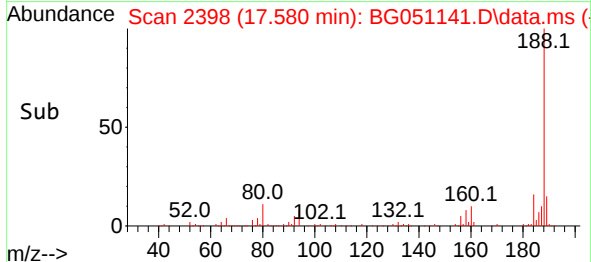
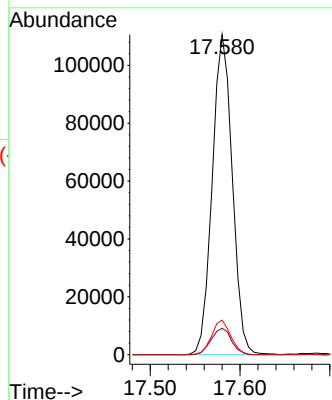
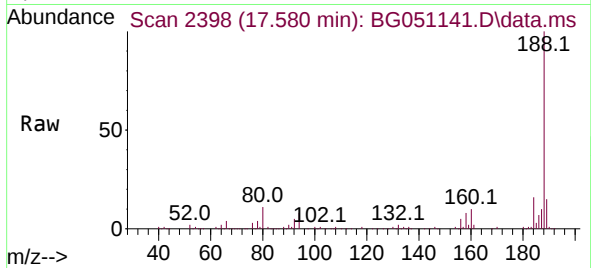




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.580 min Scan# 2184
Delta R.T. -0.008 min
Lab File: BG051141.D
Acq: 20 Nov 2021 3:30

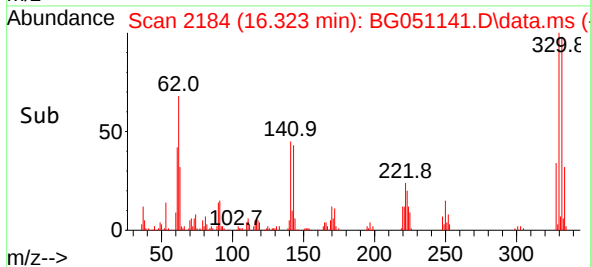
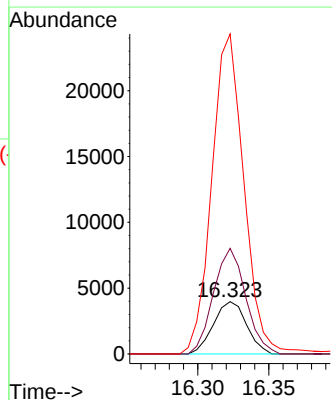
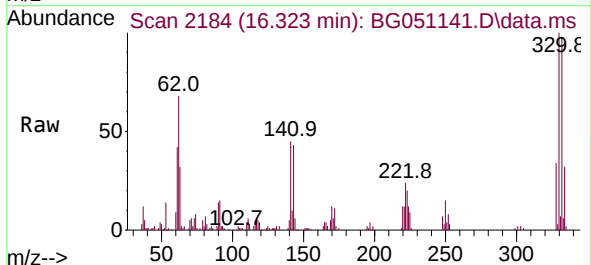
Instrument :
BNA_G
ClientSampleId :
TP9

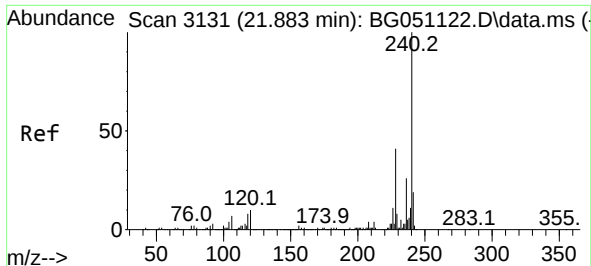
Tgt Ion:188 Resp: 171175
Ion Ratio Lower Upper
188 100
94 8.3 5.4 8.0#
80 10.8 3.7 5.5#



#67
4-Bromophenyl-phenylether
Concen: 3.479 ng
RT: 16.323 min Scan# 2184
Delta R.T. -0.437 min
Lab File: BG051141.D
Acq: 20 Nov 2021 3:30

Tgt Ion:248 Resp: 6441
Ion Ratio Lower Upper
248 100
250 202.0 76.1 114.1#
141 612.1 65.4 98.2#

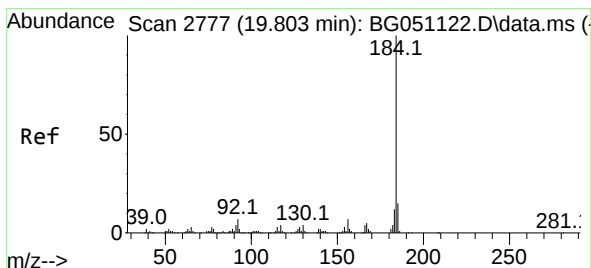
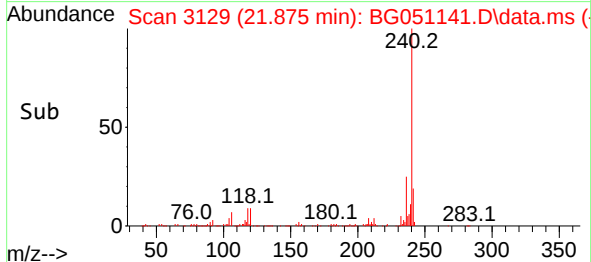
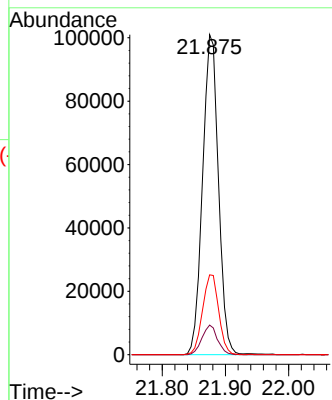
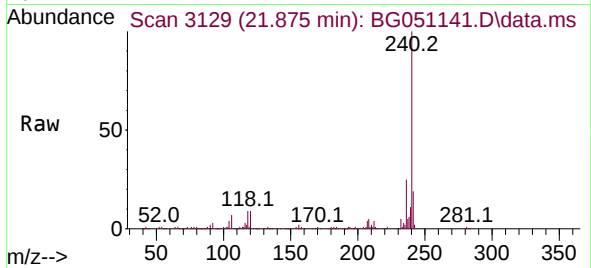




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.875 min Scan# 31
Delta R.T. -0.008 min
Lab File: BG051141.D
Acq: 20 Nov 2021 3:30

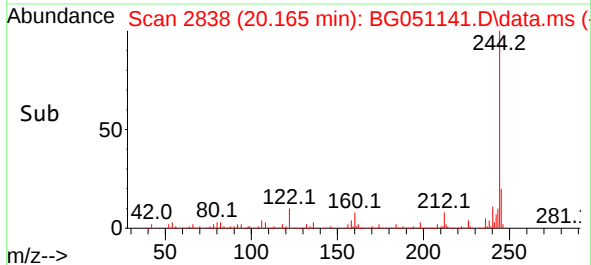
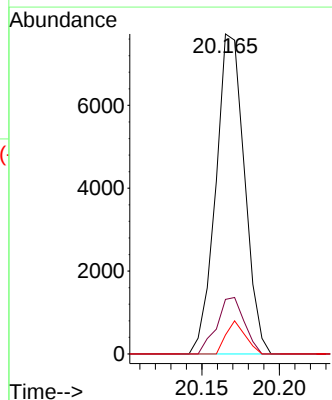
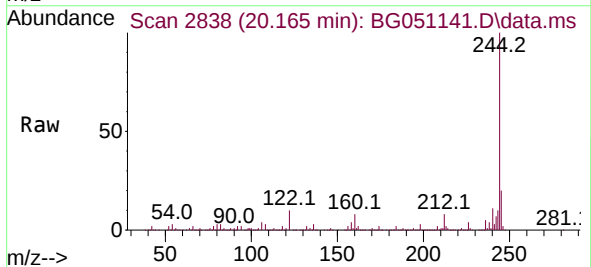
Instrument :
BNA_G
ClientSampleId :
TP9

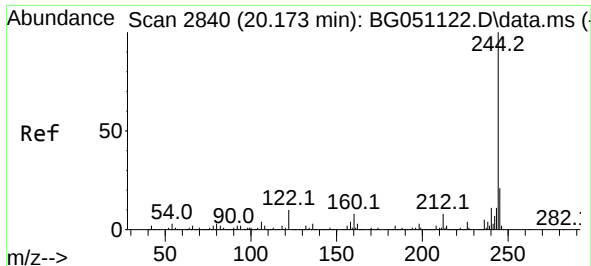
Tgt Ion:240 Resp: 175712
Ion Ratio Lower Upper
240 100
120 9.3 4.2 6.2#
236 25.0 21.8 32.6



#77
Benzidine
Concen: 3.440 ng
RT: 20.165 min Scan# 2838
Delta R.T. 0.362 min
Lab File: BG051141.D
Acq: 20 Nov 2021 3:30

Tgt Ion:184 Resp: 9924
Ion Ratio Lower Upper
184 100
185 17.1 10.7 16.1#
183 6.0 9.4 14.0#

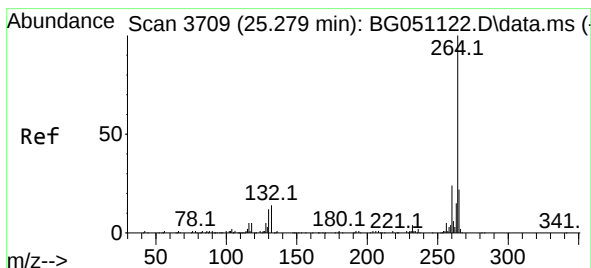
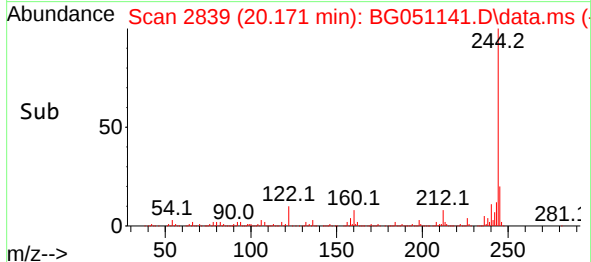
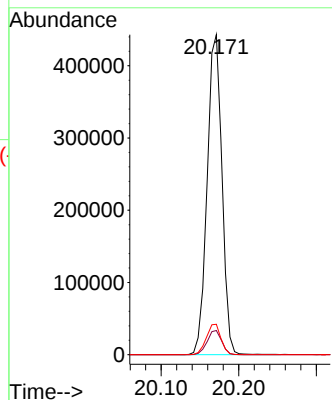
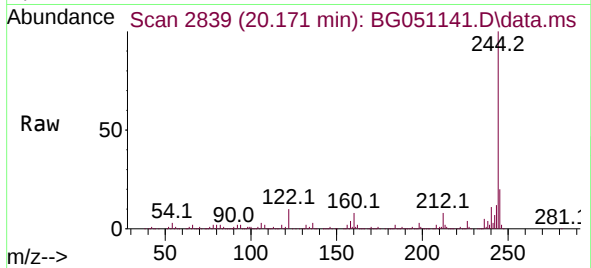




#79
 Terphenyl-d14
 Concen: 61.246 ng
 RT: 20.171 min Scan# 21
 Delta R.T. -0.002 min
 Lab File: BG051141.D
 Acq: 20 Nov 2021 3:30

Instrument :
 BNA_G
 ClientSampleId :
 TP9

Tgt Ion:244 Resp: 588679
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.9 10.3
 122 9.5 5.0 7.6#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.271 min Scan# 3707
 Delta R.T. -0.008 min
 Lab File: BG051141.D
 Acq: 20 Nov 2021 3:30

Tgt Ion:264 Resp: 173047
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.4 29.2
 265 20.8 16.9 25.3

