

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111921\
 Data File : BG051137.D
 Acq On : 20 Nov 2021 00:48
 Operator : CG/JU
 Sample : M4758-07
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP4

Quant Time: Nov 20 03:39:29 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)

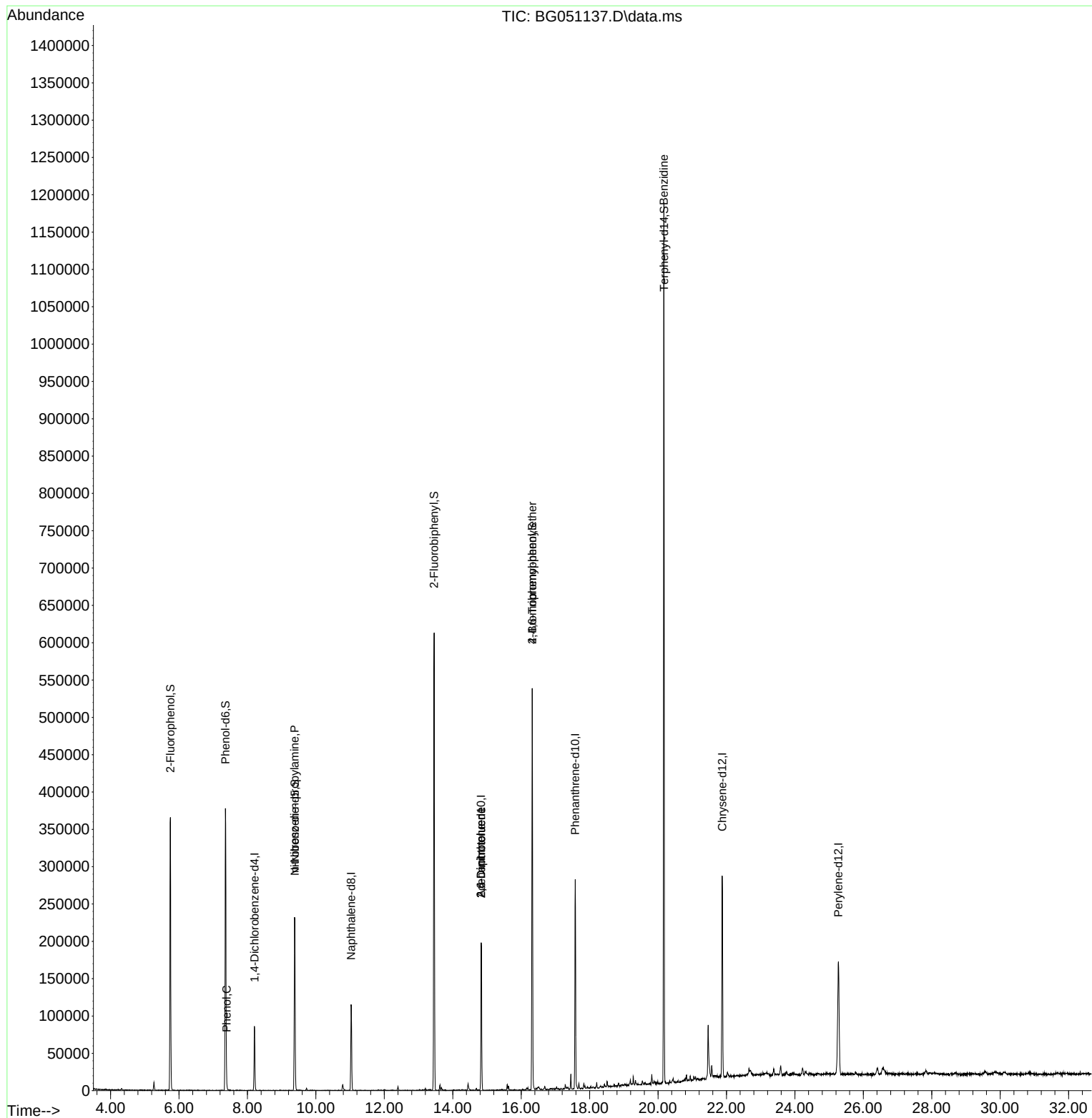
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.203	152	24194	20.000	ng	0.00
21) Naphthalene-d8	11.029	136	100861	20.000	ng	# 0.00
39) Acenaphthene-d10	14.831	164	72578	20.000	ng	0.00
64) Phenanthrene-d10	17.580	188	178289	20.000	ng	# 0.00
76) Chrysene-d12	21.875	240	166571	20.000	ng	# 0.00
86) Perylene-d12	25.271	264	165459	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.747	112	165604	105.811	ng	0.00
7) Phenol-d6	7.357	99	219532	99.590	ng	0.00
23) Nitrobenzene-d5	9.384	82	153862	69.636	ng	0.00
42) 2,4,6-Tribromophenol	16.323	330	89456	115.964	ng	0.00
45) 2-Fluorobiphenyl	13.456	172	317582	66.028	ng	0.00
79) Terphenyl-d14	20.171	244	569503	62.502	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	7.392	94	4585	2.026	ng	92
19) n-Nitroso-di-n-propyla...	9.378	70	21566	13.254	ng	# 67
51) 2,6-Dinitrotoluene	14.831	165	9424	8.069	ng	# 10
57) 2,4-Dinitrotoluene	14.831	165	9424	5.633	ng	# 15
67) 4-Bromophenyl-phenylether	16.323	248	6848	3.551	ng	# 1
77) Benzidine	20.166	184	9962	3.642	ng	# 92

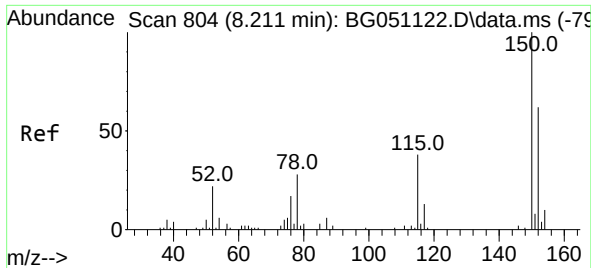
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Nov 19 16:26:22 2021
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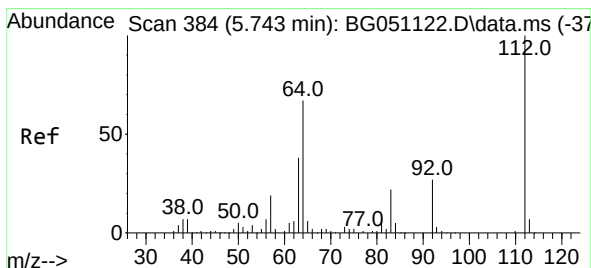
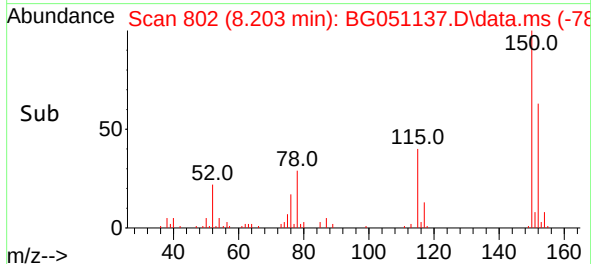
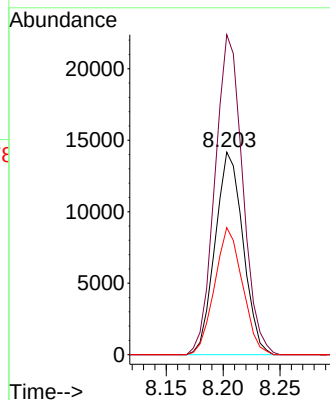
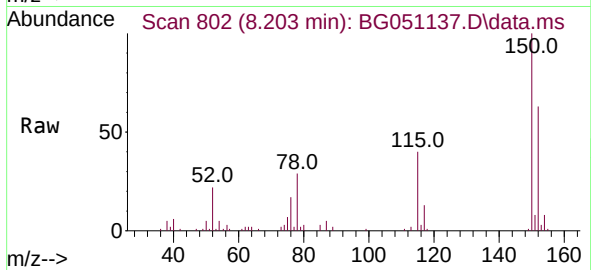




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.203 min Scan# 804
 Delta R.T. -0.008 min
 Lab File: BG051137.D
 Acq: 20 Nov 2021 00:48

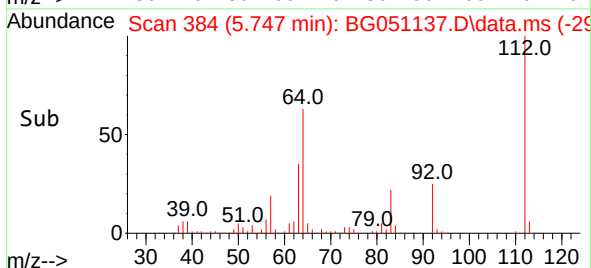
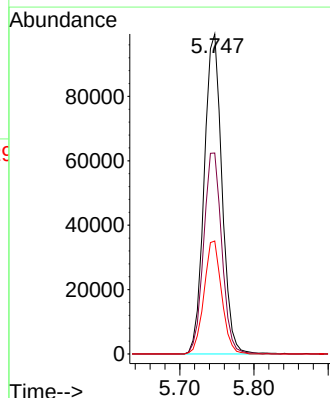
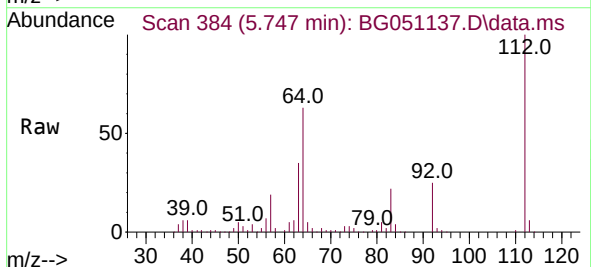
Instrument :
 BNA_G
 ClientSampleId :
 TP4

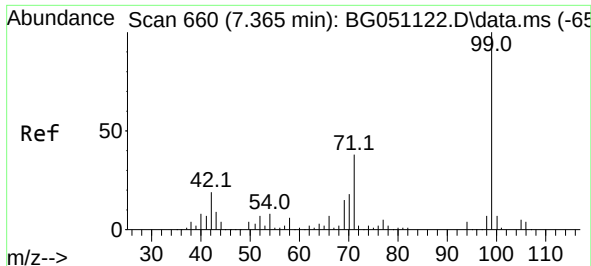
Tgt Ion:152 Resp: 24194
 Ion Ratio Lower Upper
 152 100
 150 158.0 119.4 179.0
 115 62.7 60.2 90.4



#5
 2-Fluorophenol
 Concen: 105.811 ng
 RT: 5.747 min Scan# 384
 Delta R.T. 0.004 min
 Lab File: BG051137.D
 Acq: 20 Nov 2021 00:48

Tgt Ion:112 Resp: 165604
 Ion Ratio Lower Upper
 112 100
 64 62.8 46.7 70.1
 63 35.3 35.3 52.9

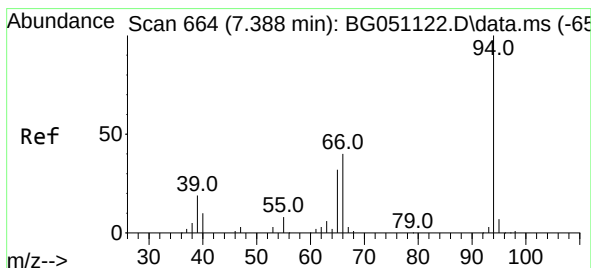
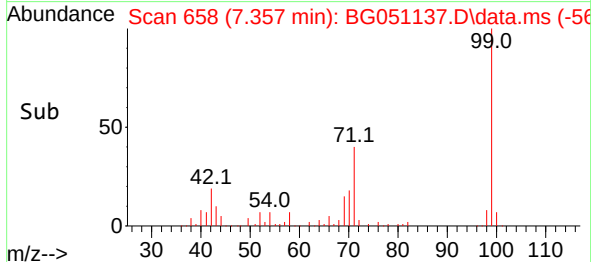
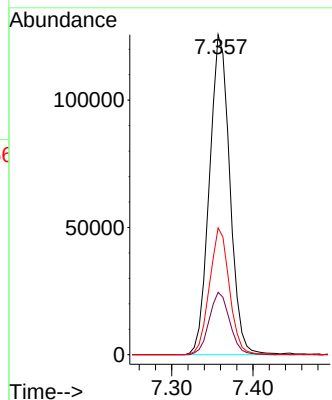
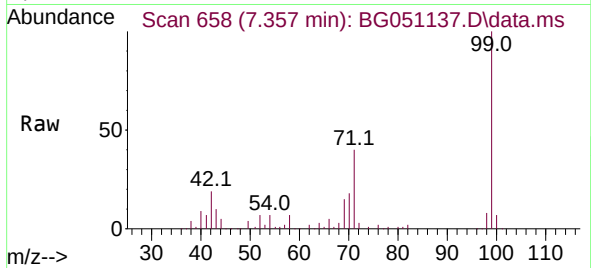




#7
Phenol-d6
Concen: 99.590 ng
RT: 7.357 min Scan# 61
Delta R.T. -0.008 min
Lab File: BG051137.D
Acq: 20 Nov 2021 00:48

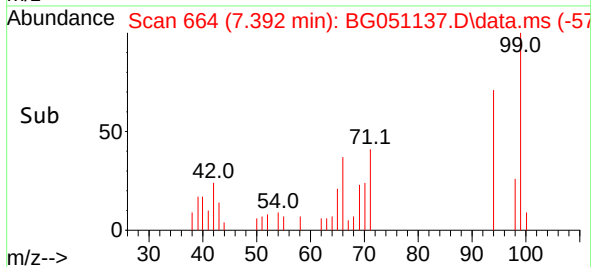
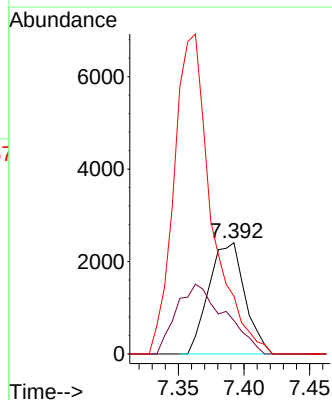
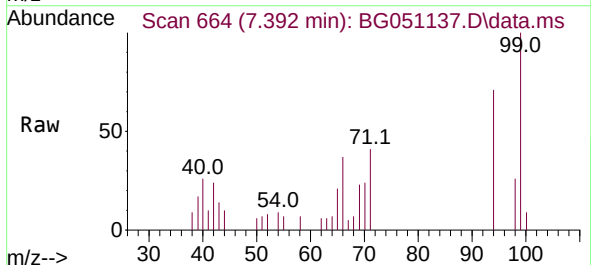
Instrument :
BNA_G
ClientSampleId :
TP4

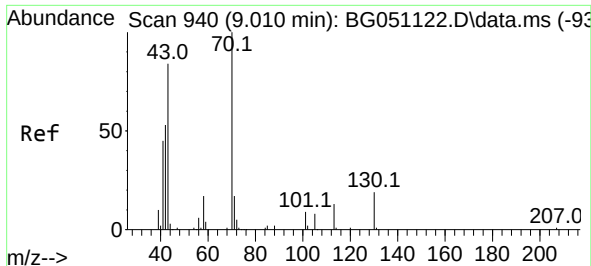
Tgt Ion: 99 Resp: 219532
Ion Ratio Lower Upper
99 100
42 19.5 20.5 30.7#
71 39.7 41.5 62.3#



#10
Phenol
Concen: 2.026 ng
RT: 7.392 min Scan# 664
Delta R.T. 0.004 min
Lab File: BG051137.D
Acq: 20 Nov 2021 00:48

Tgt Ion: 94 Resp: 4585
Ion Ratio Lower Upper
94 100
65 30.1 12.9 52.9
66 52.0 39.4 79.4

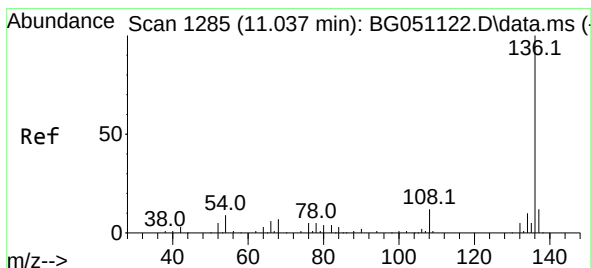
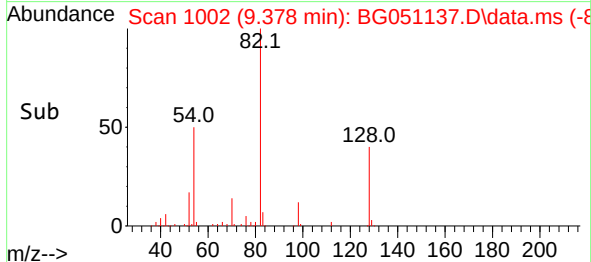
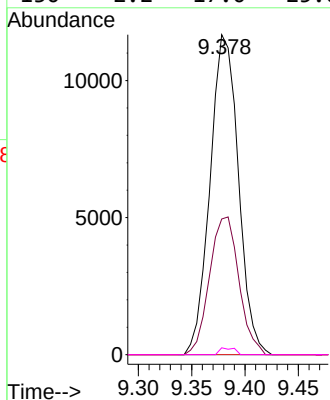
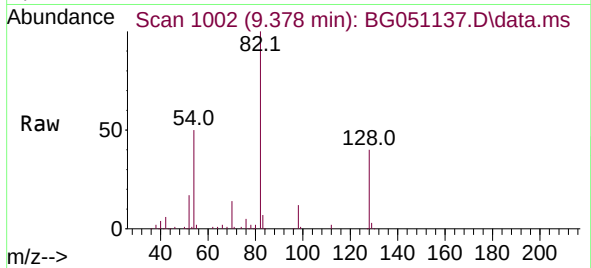




#19
n-Nitroso-di-n-propylamine
Concen: 13.254 ng
RT: 9.378 min Scan# 10
Delta R.T. 0.368 min
Lab File: BG051137.D
Acq: 20 Nov 2021 00:48

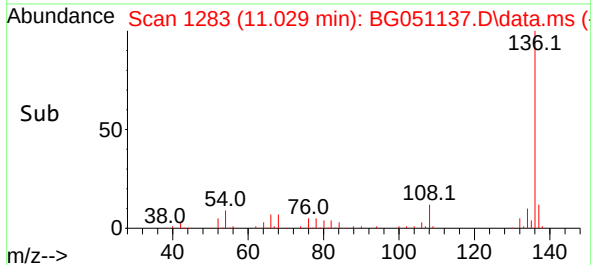
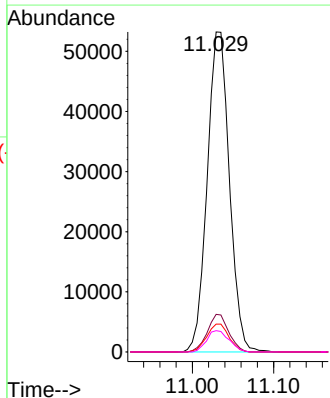
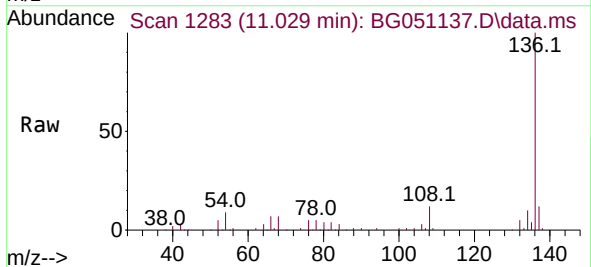
Instrument :
BNA_G
ClientSampleId :
TP4

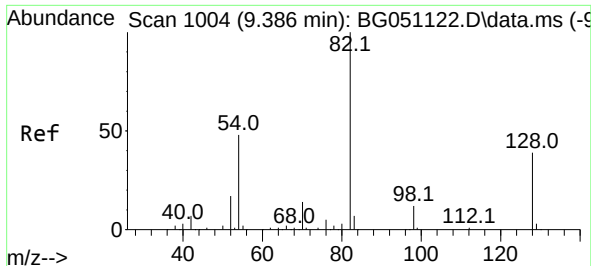
Tgt Ion:	70	Resp:	21566
Ion	Ratio	Lower	Upper
70	100		
42	42.4	54.5	81.7#
101	0.0	9.0	13.6#
130	2.2	17.0	25.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.029 min Scan# 1283
Delta R.T. -0.008 min
Lab File: BG051137.D
Acq: 20 Nov 2021 00:48

Tgt Ion:	136	Resp:	100861
Ion	Ratio	Lower	Upper
136	100		
137	11.8	8.2	12.2
54	8.7	5.5	8.3#
68	6.7	2.3	3.5#

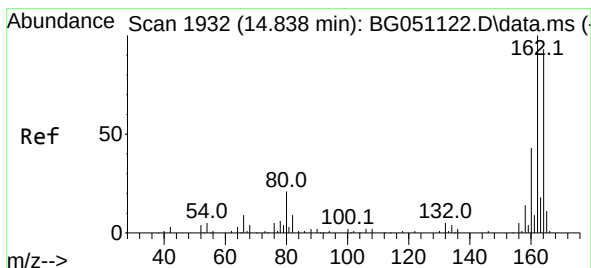
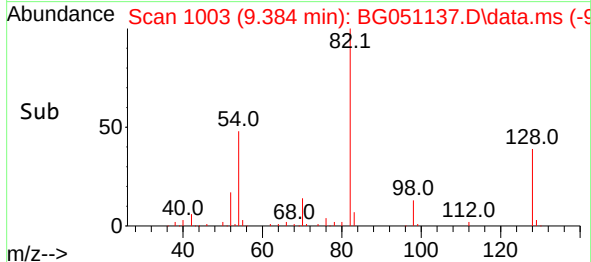
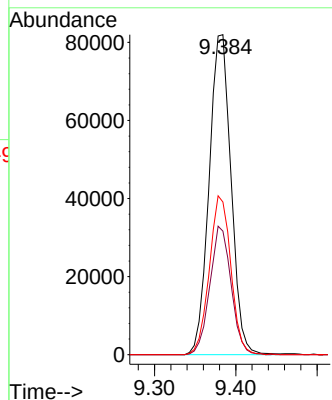
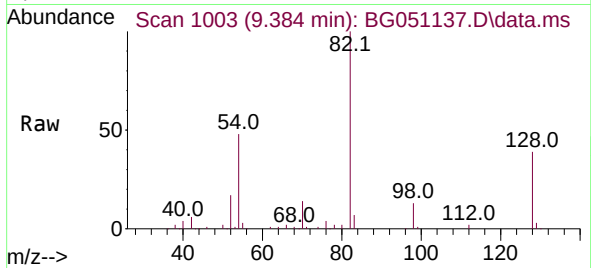




#23
Nitrobenzene-d5
Concen: 69.636 ng
RT: 9.384 min Scan# 1003
Delta R.T. -0.002 min
Lab File: BG051137.D
Acq: 20 Nov 2021 00:48

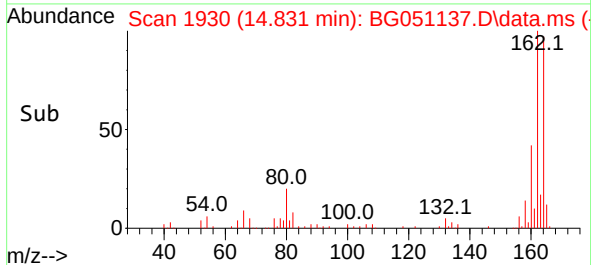
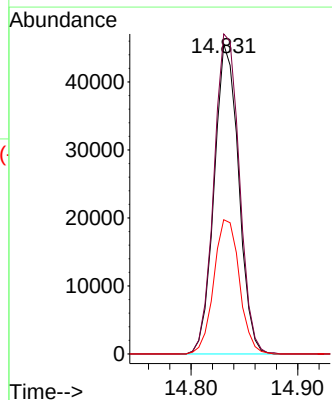
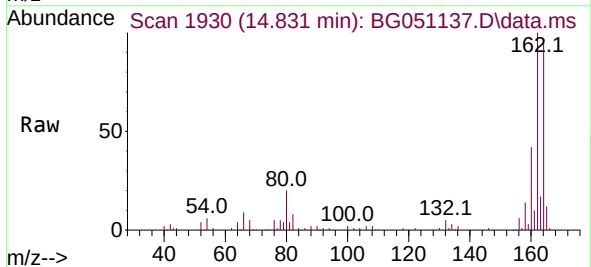
Instrument :
BNA_G
ClientSampleId :
TP4

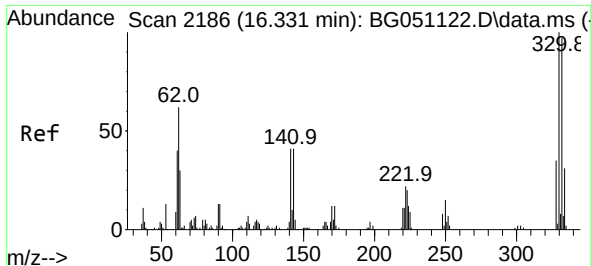
Tgt Ion: 82 Resp: 153862
Ion Ratio Lower Upper
82 100
128 38.6 29.8 44.6
54 47.7 45.8 68.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.831 min Scan# 1930
Delta R.T. -0.007 min
Lab File: BG051137.D
Acq: 20 Nov 2021 00:48

Tgt Ion:164 Resp: 72578
Ion Ratio Lower Upper
164 100
162 103.3 81.4 122.0
160 43.4 34.9 52.3





#42

2,4,6-Tribromophenol

Concen: 115.964 ng

RT: 16.323 min Scan# 2186

Delta R.T. -0.008 min

Lab File: BG051137.D

Acq: 20 Nov 2021 00:48

Instrument :

BNA_G

ClientSampleId :

TP4

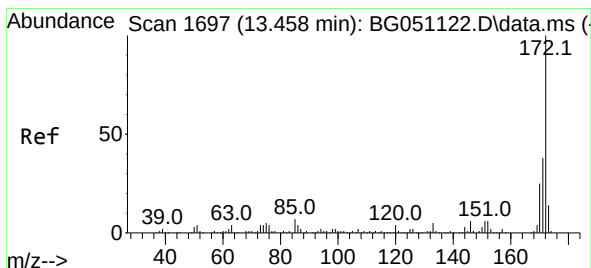
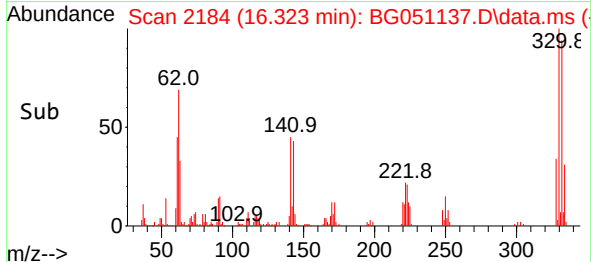
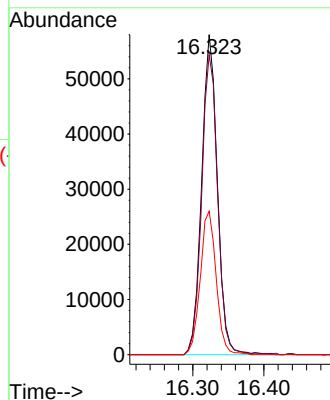
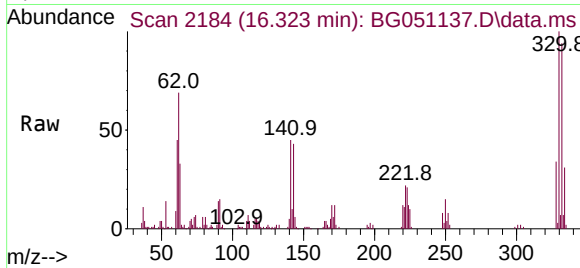
Tgt Ion:330 Resp: 89456

Ion Ratio Lower Upper

330 100

332 94.8 77.3 115.9

141 45.4 35.6 53.4



#45

2-Fluorobiphenyl

Concen: 66.028 ng

RT: 13.456 min Scan# 1696

Delta R.T. -0.002 min

Lab File: BG051137.D

Acq: 20 Nov 2021 00:48

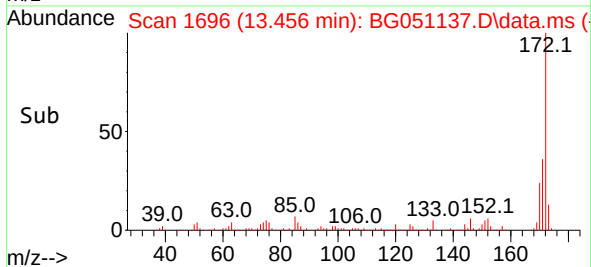
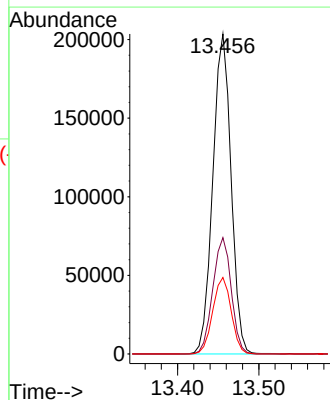
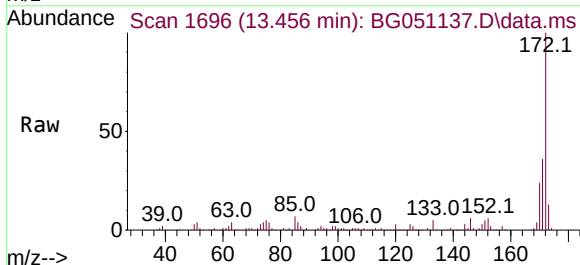
Tgt Ion:172 Resp: 317582

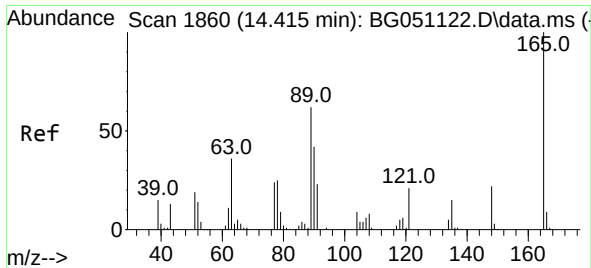
Ion Ratio Lower Upper

172 100

171 36.3 28.6 43.0

170 23.9 18.6 27.8

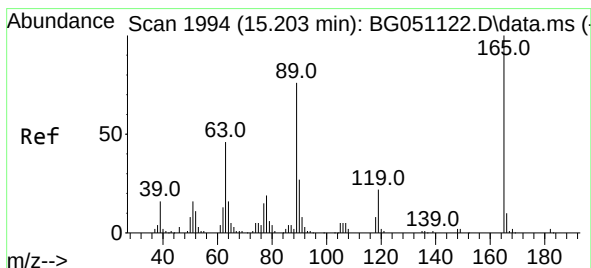
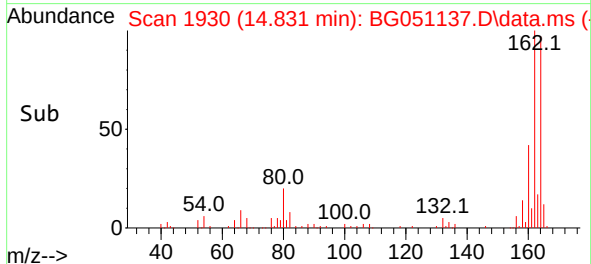
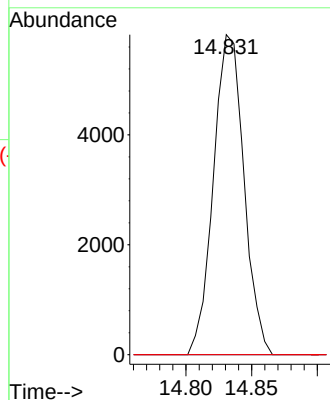
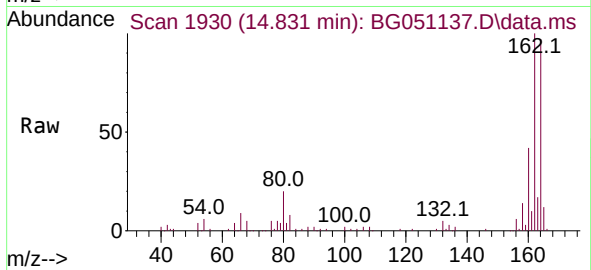




#51
2,6-Dinitrotoluene
Concen: 8.069 ng
RT: 14.831 min Scan# 1930
Delta R.T. 0.415 min
Lab File: BG051137.D
Acq: 20 Nov 2021 00:48

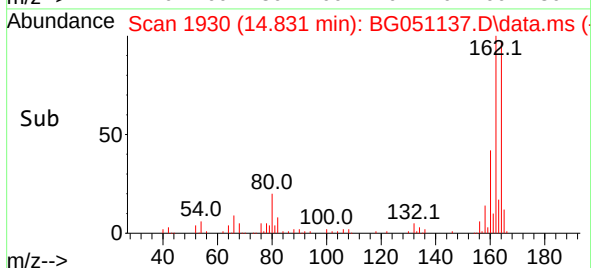
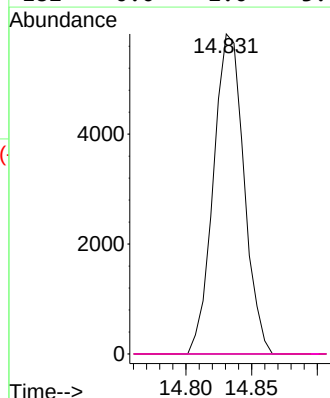
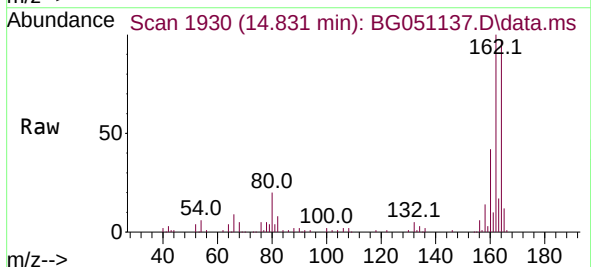
Instrument :
BNA_G
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TP4

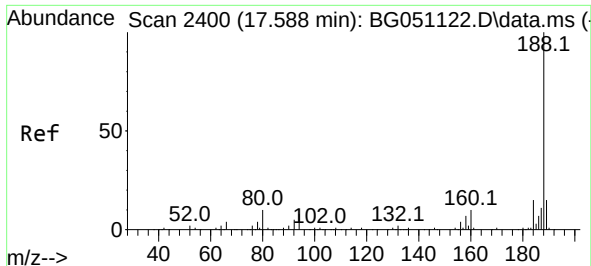
Tgt Ion:165 Resp: 9424
Ion Ratio Lower Upper
165 100
63 0.0 63.3 94.9#
89 0.0 63.4 95.0#



#57
2,4-Dinitrotoluene
Concen: 5.633 ng
RT: 14.831 min Scan# 1930
Delta R.T. -0.372 min
Lab File: BG051137.D
Acq: 20 Nov 2021 00:48

Tgt Ion:165 Resp: 9424
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#

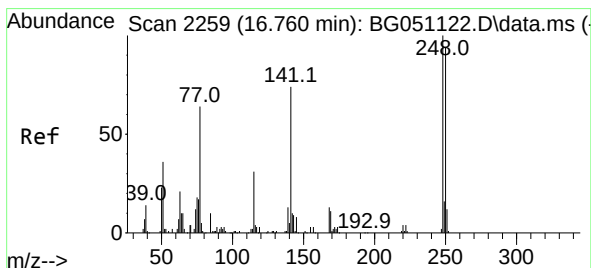
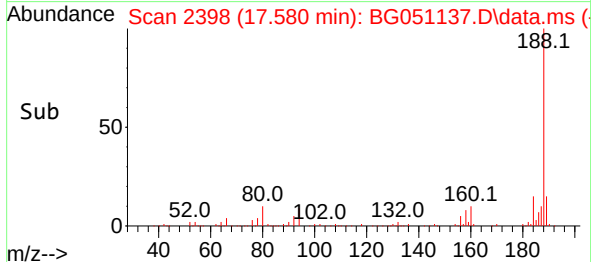
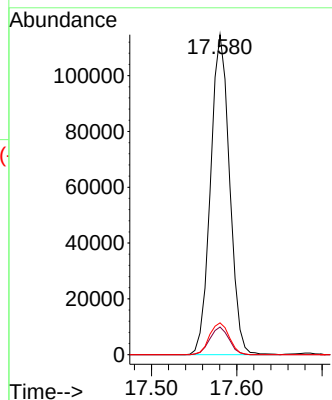
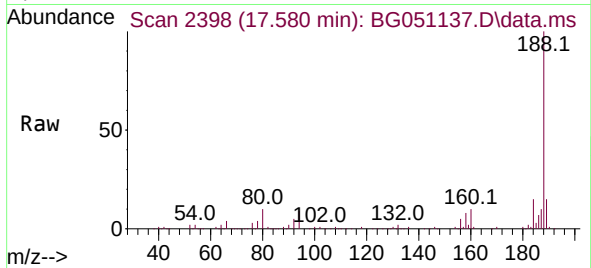




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.580 min Scan# 21
Delta R.T. -0.008 min
Lab File: BG051137.D
Acq: 20 Nov 2021 00:48

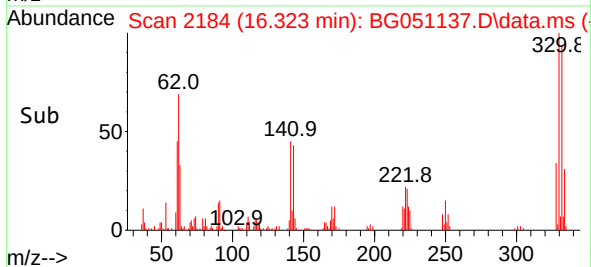
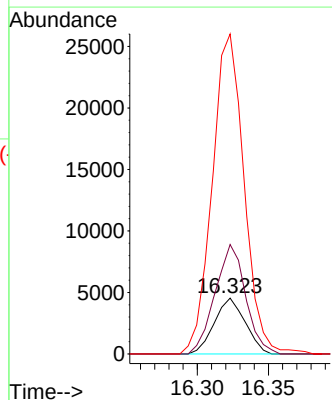
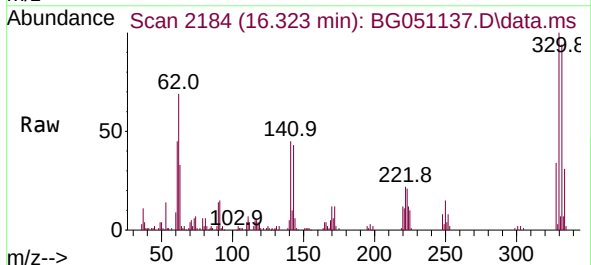
Instrument :
BNA_G
ClientSampleId :
TP4

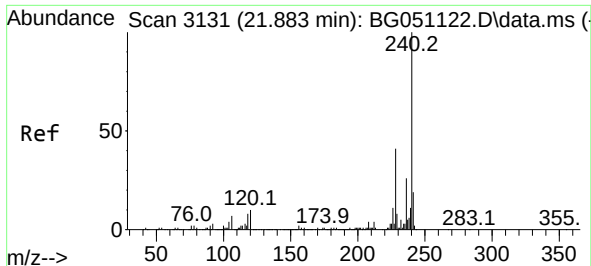
Tgt Ion:188 Resp: 178289
Ion Ratio Lower Upper
188 100
94 8.6 5.4 8.0#
80 10.0 3.7 5.5#



#67
4-Bromophenyl-phenylether
Concen: 3.551 ng
RT: 16.323 min Scan# 2184
Delta R.T. -0.437 min
Lab File: BG051137.D
Acq: 20 Nov 2021 00:48

Tgt Ion:248 Resp: 6848
Ion Ratio Lower Upper
248 100
250 196.2 76.1 114.1#
141 573.7 65.4 98.2#

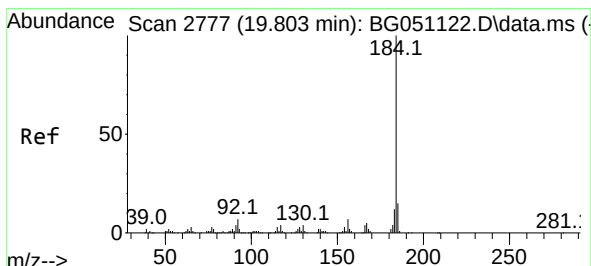
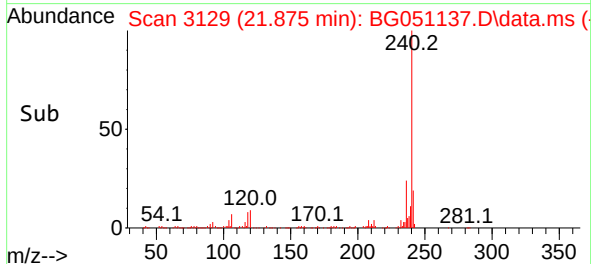
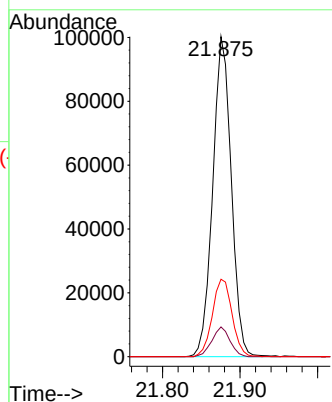
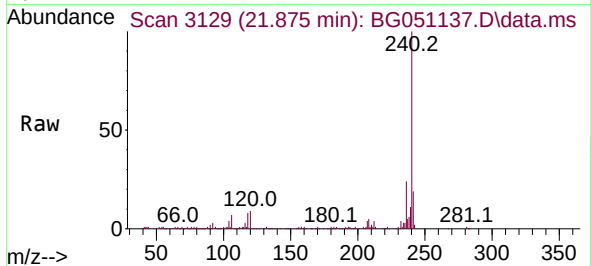




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.875 min Scan# 31
Delta R.T. -0.008 min
Lab File: BG051137.D
Acq: 20 Nov 2021 00:48

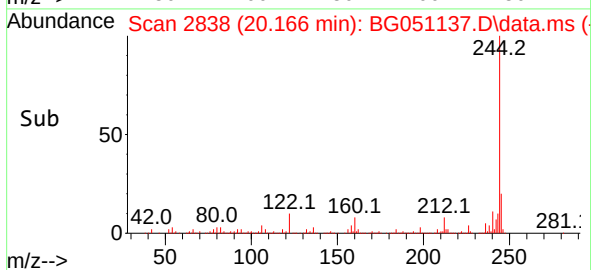
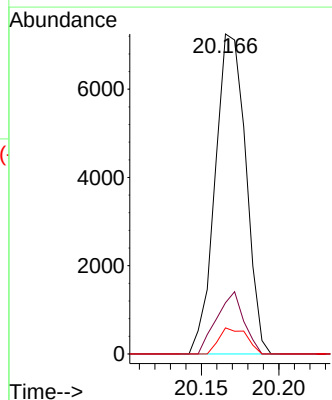
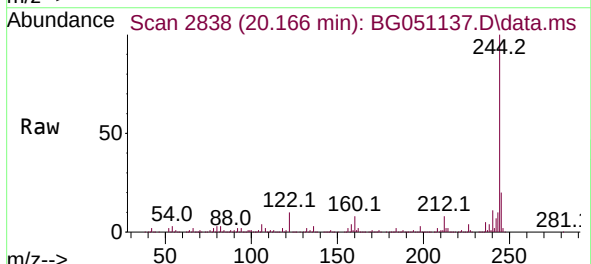
Instrument :
BNA_G
ClientSampleId :
TP4

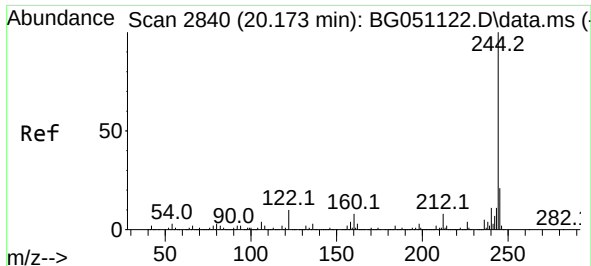
Tgt Ion:240 Resp: 166571
Ion Ratio Lower Upper
240 100
120 9.3 4.2 6.2#
236 24.2 21.8 32.6



#77
Benzidine
Concen: 3.642 ng
RT: 20.166 min Scan# 2838
Delta R.T. 0.362 min
Lab File: BG051137.D
Acq: 20 Nov 2021 00:48

Tgt Ion:184 Resp: 9962
Ion Ratio Lower Upper
184 100
185 16.0 10.7 16.1
183 8.1 9.4 14.0#

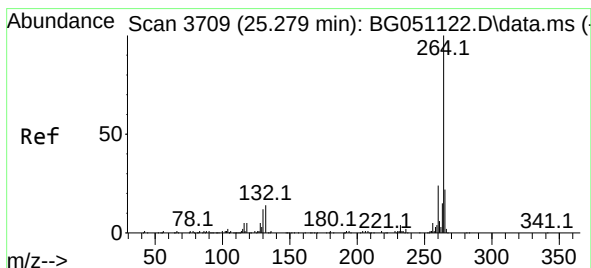
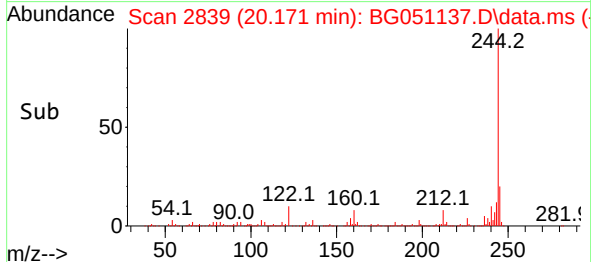
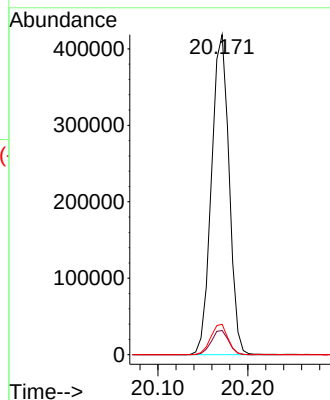
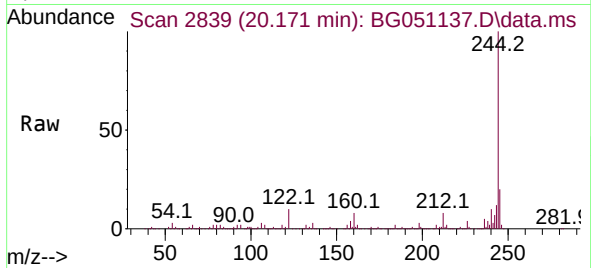




#79
 Terphenyl-d14
 Concen: 62.502 ng
 RT: 20.171 min Scan# 2840
 Delta R.T. -0.002 min
 Lab File: BG051137.D
 Acq: 20 Nov 2021 00:48

Instrument :
 BNA_G
 ClientSampleId :
 TP4

Tgt Ion:244 Resp: 569503
 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: BG051137.D
 Acq: 20 Nov 2021 00:48

Tgt Ion:264 Resp: 165459
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.4 29.2
 265 21.2 16.9 25.3

