

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111921\
 Data File : BG051139.D
 Acq On : 20 Nov 2021 2:09
 Operator : CG/JU
 Sample : M4758-11
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP6

Quant Time: Nov 20 03:39:51 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)

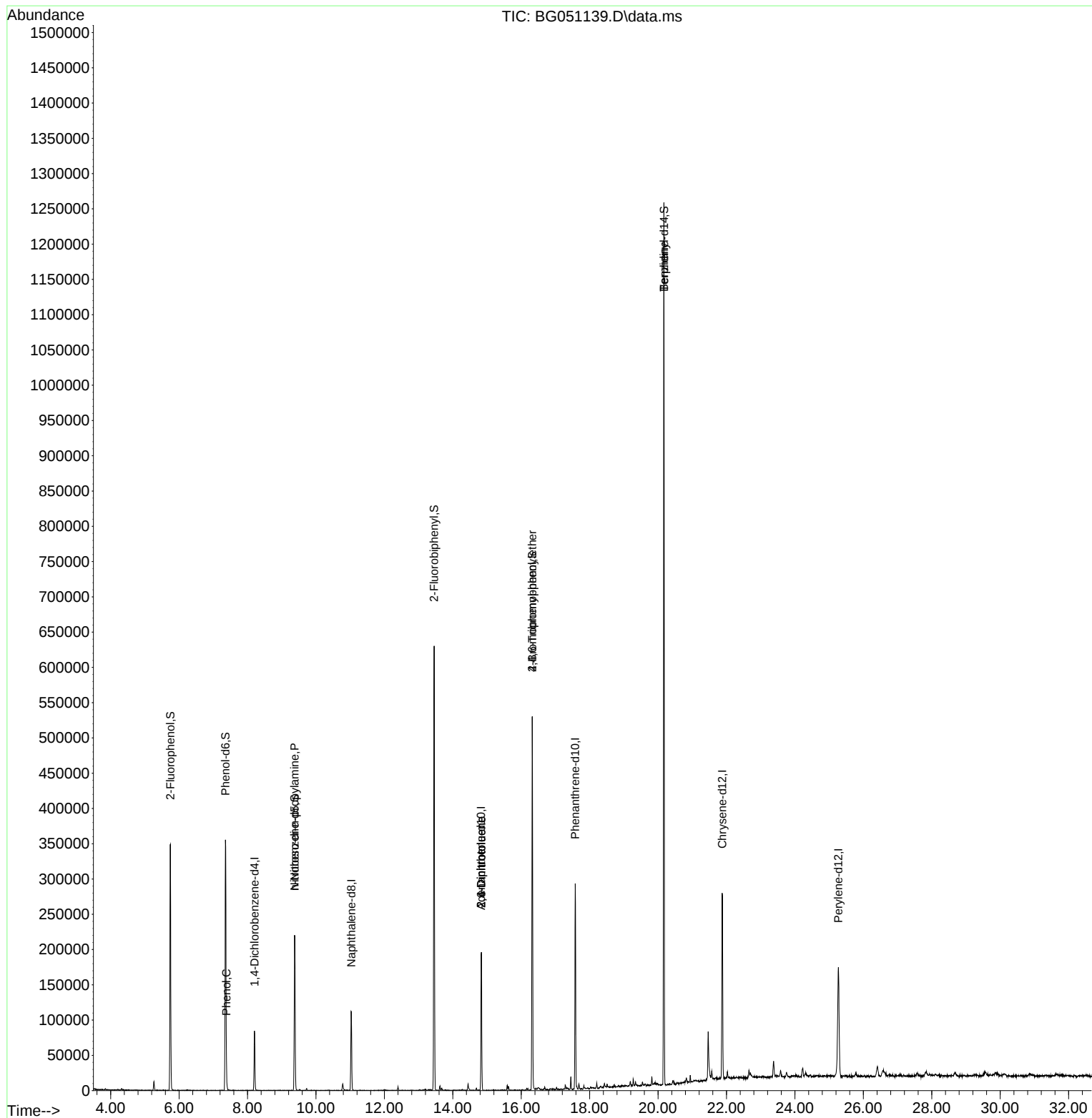
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.202	152	24071	20.000	ng	0.00
21) Naphthalene-d8	11.034	136	100239	20.000	ng	# 0.00
39) Acenaphthene-d10	14.830	164	72434	20.000	ng	0.00
64) Phenanthrene-d10	17.579	188	181376	20.000	ng	# 0.00
76) Chrysene-d12	21.874	240	169858	20.000	ng	# 0.00
86) Perylene-d12	25.270	264	167217	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.746	112	158981	102.098	ng	0.00
7) Phenol-d6	7.356	99	213272	97.244	ng	0.00
23) Nitrobenzene-d5	9.377	82	151145	68.831	ng	0.00
42) 2,4,6-Tribromophenol	16.322	330	88980	115.576	ng	0.00
45) 2-Fluorobiphenyl	13.455	172	319643	66.589	ng	0.00
79) Terphenyl-d14	20.171	244	589169	63.409	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	7.386	94	7366	3.272	ng	97
19) n-Nitroso-di-n-propyla...	9.377	70	20307	12.544	ng	# 70
51) 2,6-Dinitrotoluene	14.836	165	9423	8.084	ng	# 10
57) 2,4-Dinitrotoluene	14.836	165	9423	5.644	ng	# 15
67) 4-Bromophenyl-phenylether	16.322	248	7008	3.572	ng	# 1
77) Benzidine	20.171	184	9792	3.511	ng	# 93

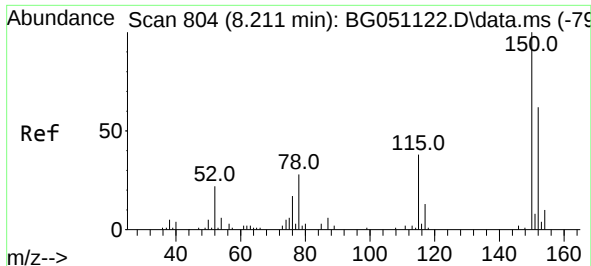
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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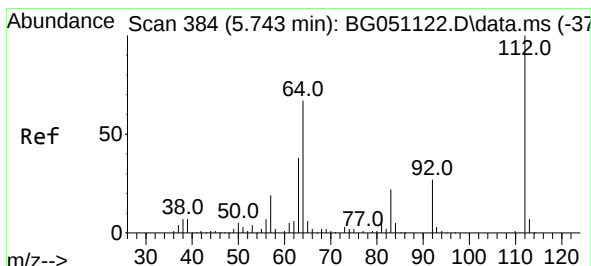
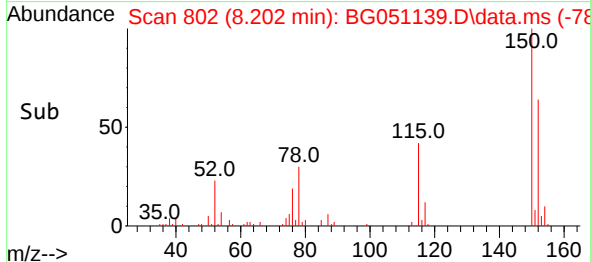
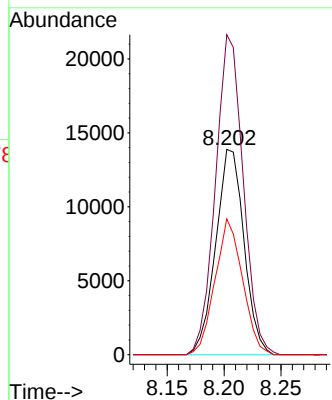
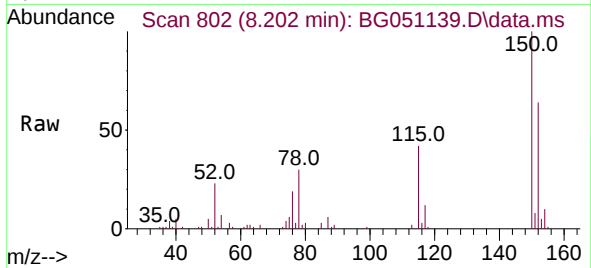




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.202 min Scan# 804
Delta R.T. -0.009 min
Lab File: BG051139.D
Acq: 20 Nov 2021 2:09

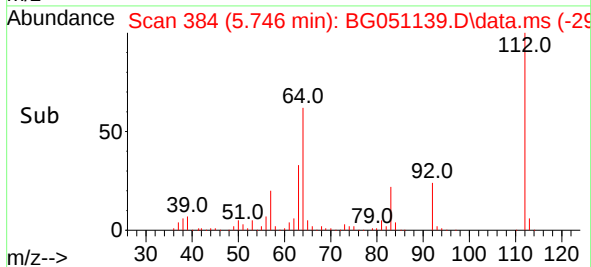
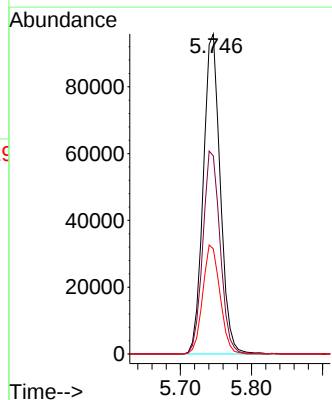
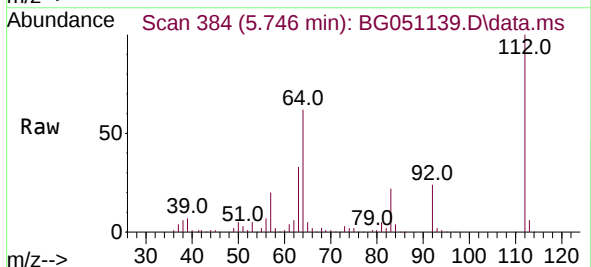
Instrument :
BNA_G
ClientSampleId :
TP6

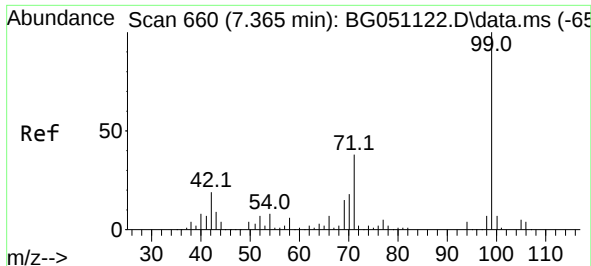
Tgt Ion:152 Resp: 24071
Ion Ratio Lower Upper
152 100
150 155.9 119.4 179.0
115 66.2 60.2 90.4



#5
2-Fluorophenol
Concen: 102.098 ng
RT: 5.746 min Scan# 384
Delta R.T. 0.003 min
Lab File: BG051139.D
Acq: 20 Nov 2021 2:09

Tgt Ion:112 Resp: 158981
Ion Ratio Lower Upper
112 100
64 61.9 46.7 70.1
63 32.9 35.3 52.9#

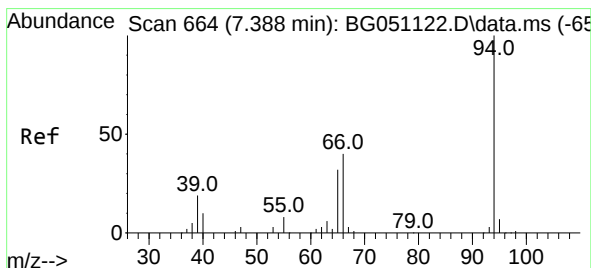
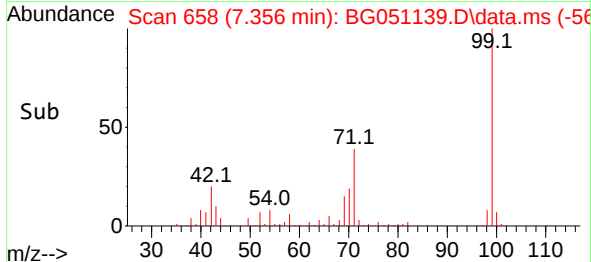
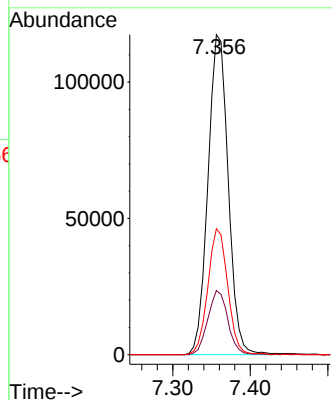
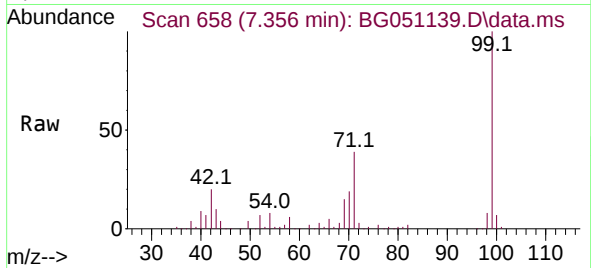




#7
Phenol-d6
Concen: 97.244 ng
RT: 7.356 min Scan# 61
Delta R.T. -0.009 min
Lab File: BG051139.D
Acq: 20 Nov 2021 2:09

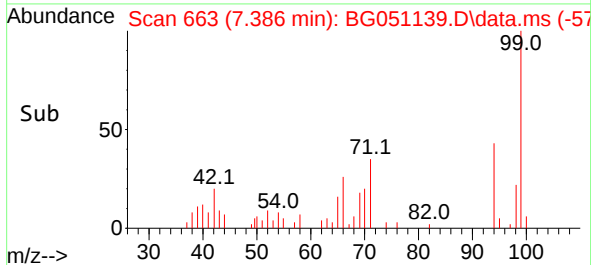
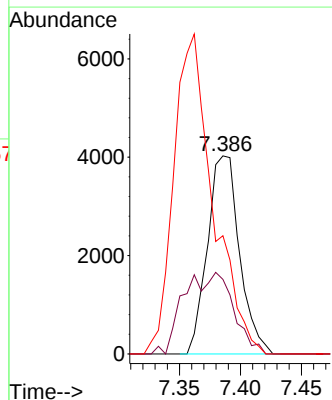
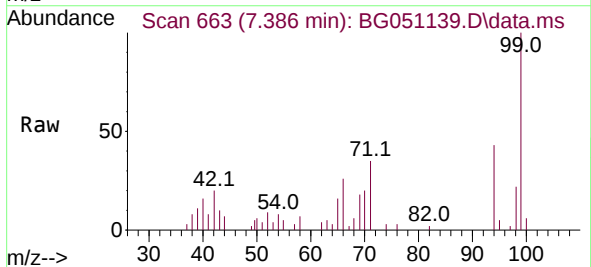
Instrument :
BNA_G
ClientSampleId :
TP6

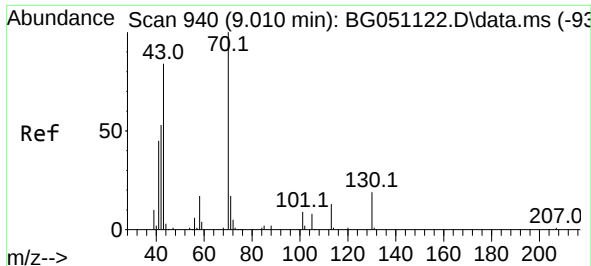
Tgt Ion: 99 Resp: 213272
Ion Ratio Lower Upper
99 100
42 20.1 20.5 30.7#
71 39.3 41.5 62.3#



#10
Phenol
Concen: 3.272 ng
RT: 7.386 min Scan# 663
Delta R.T. -0.003 min
Lab File: BG051139.D
Acq: 20 Nov 2021 2:09

Tgt Ion: 94 Resp: 7366
Ion Ratio Lower Upper
94 100
65 37.7 12.9 52.9
66 59.7 39.4 79.4

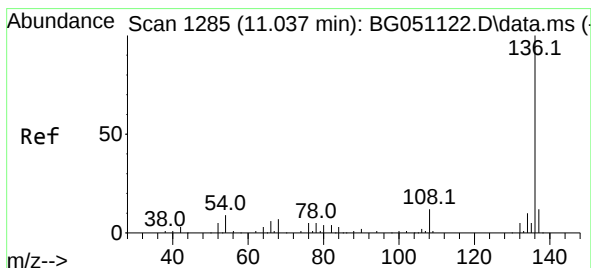
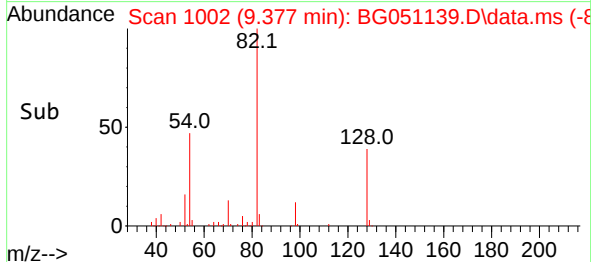
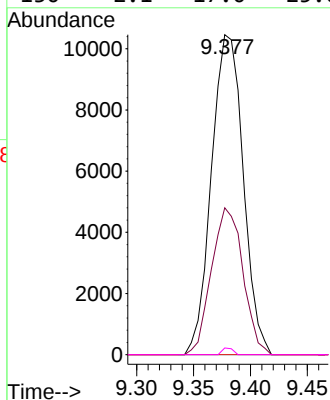
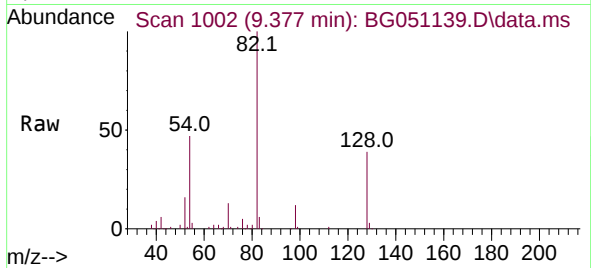




#19
n-Nitroso-di-n-propylamine
Concen: 12.544 ng
RT: 9.377 min Scan# 10
Delta R.T. 0.367 min
Lab File: BG051139.D
Acq: 20 Nov 2021 2:09

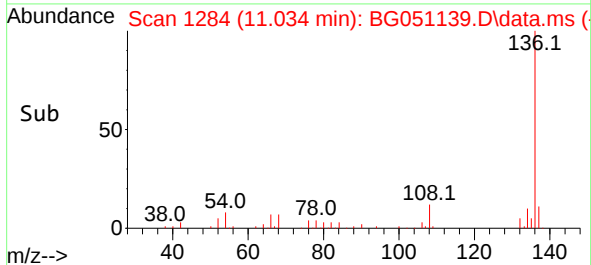
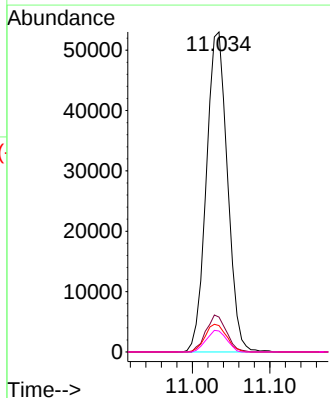
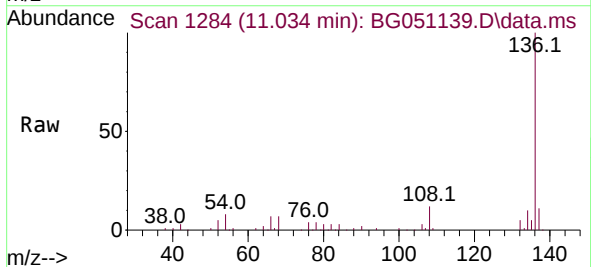
Instrument :
BNA_G
ClientSampleId :
TP6

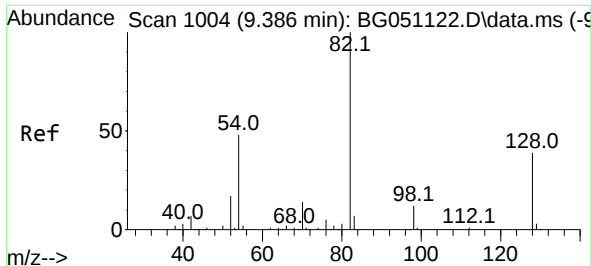
Tgt Ion: 70	Resp: 20307
Ion Ratio	Lower Upper
70 100	
42 45.9	54.5 81.7#
101 0.0	9.0 13.6#
130 2.1	17.0 25.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.034 min Scan# 1284
Delta R.T. -0.003 min
Lab File: BG051139.D
Acq: 20 Nov 2021 2:09

Tgt Ion: 136	Resp: 100239
Ion Ratio	Lower Upper
136 100	
137 10.9	8.2 12.2
54 8.2	5.5 8.3
68 6.5	2.3 3.5#

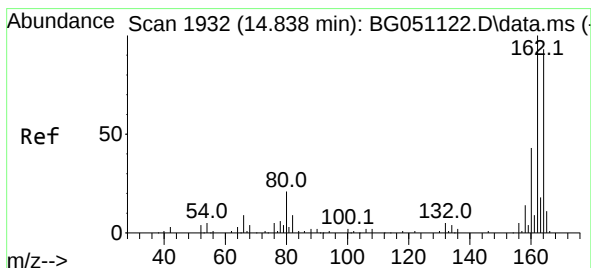
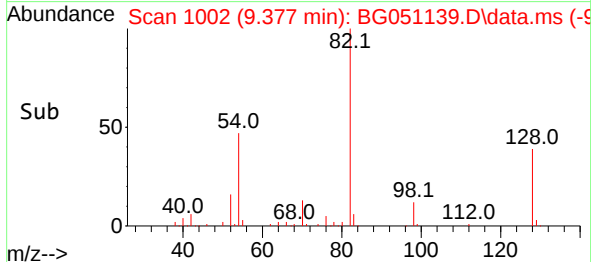
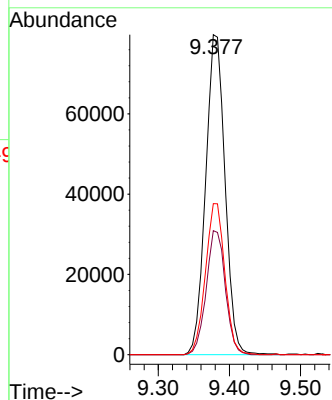
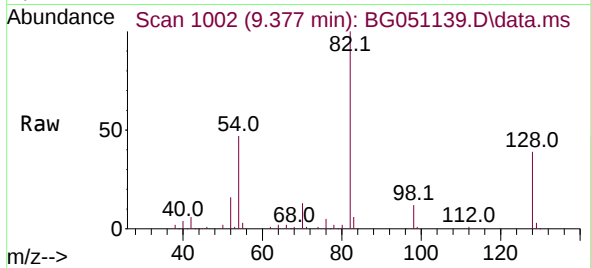




#23
Nitrobenzene-d5
Concen: 68.831 ng
RT: 9.377 min Scan# 1002
Delta R.T. -0.009 min
Lab File: BG051139.D
Acq: 20 Nov 2021 2:09

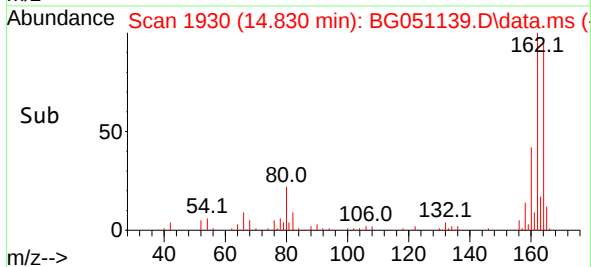
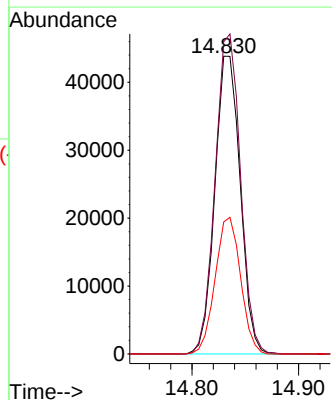
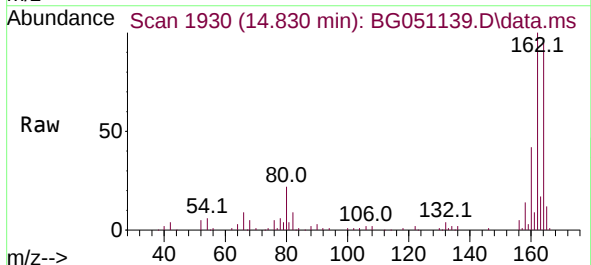
Instrument :
BNA_G
ClientSampleId :
TP6

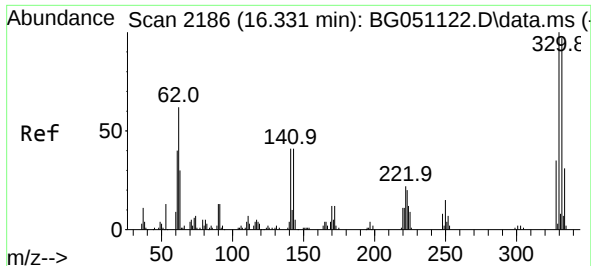
Tgt Ion: 82 Resp: 151145
Ion Ratio Lower Upper
82 100
128 38.8 29.8 44.6
54 47.2 45.8 68.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.830 min Scan# 1930
Delta R.T. -0.008 min
Lab File: BG051139.D
Acq: 20 Nov 2021 2:09

Tgt Ion:164 Resp: 72434
Ion Ratio Lower Upper
164 100
162 104.8 81.4 122.0
160 44.3 34.9 52.3

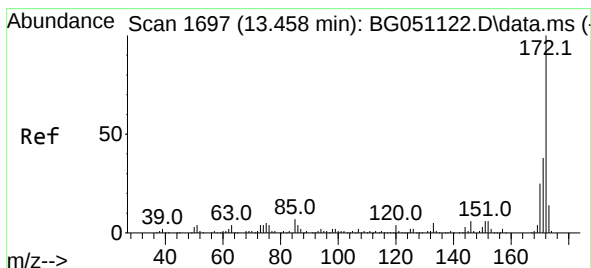
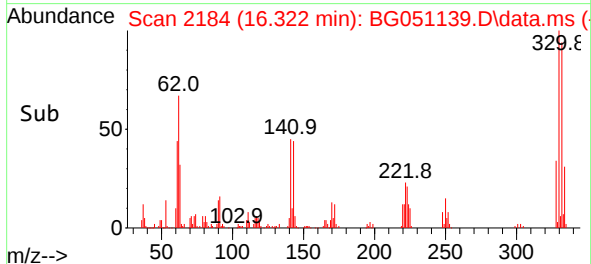
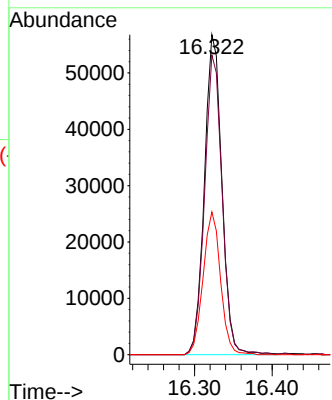
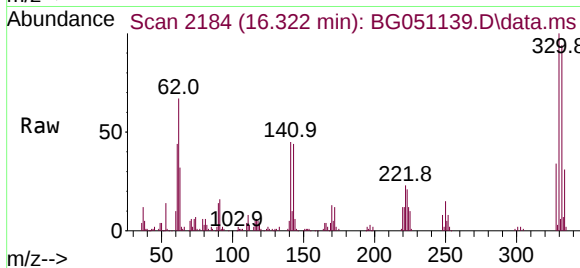




#42
2,4,6-Tribromophenol
Concen: 115.576 ng
RT: 16.322 min Scan# 2186
Delta R.T. -0.009 min
Lab File: BG051139.D
Acq: 20 Nov 2021 2:09

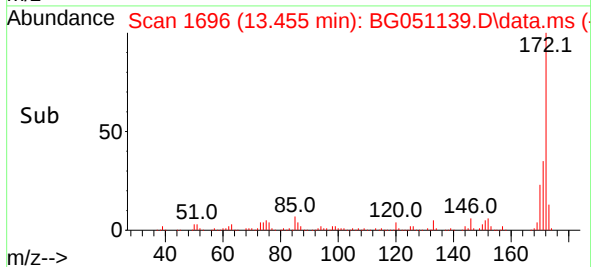
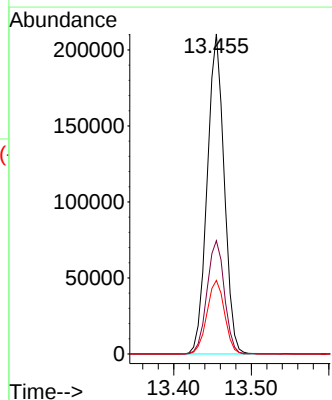
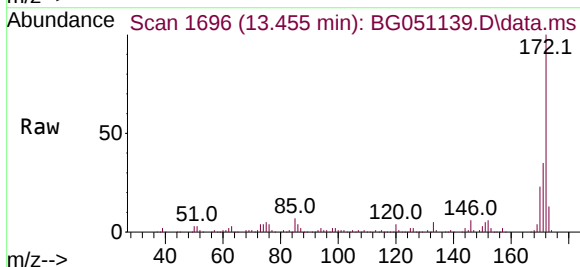
Instrument :
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ClientSampleId :
TP6

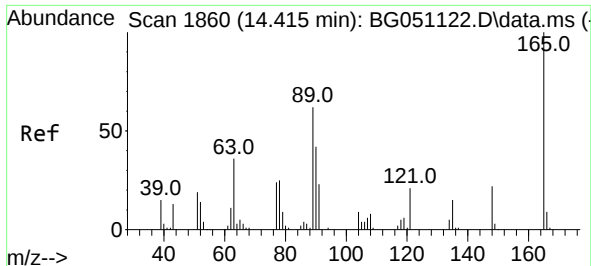
Tgt Ion:330 Resp: 88980
Ion Ratio Lower Upper
330 100
332 93.7 77.3 115.9
141 44.3 35.6 53.4



#45
2-Fluorobiphenyl
Concen: 66.589 ng
RT: 13.455 min Scan# 1696
Delta R.T. -0.003 min
Lab File: BG051139.D
Acq: 20 Nov 2021 2:09

Tgt Ion:172 Resp: 319643
Ion Ratio Lower Upper
172 100
171 35.4 28.6 43.0
170 23.0 18.6 27.8

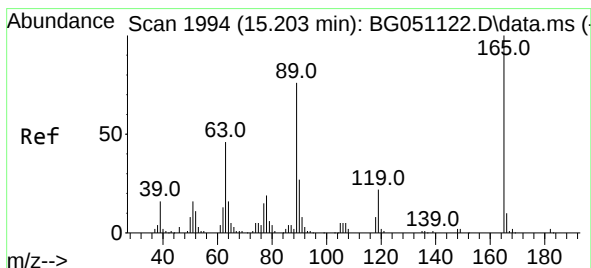
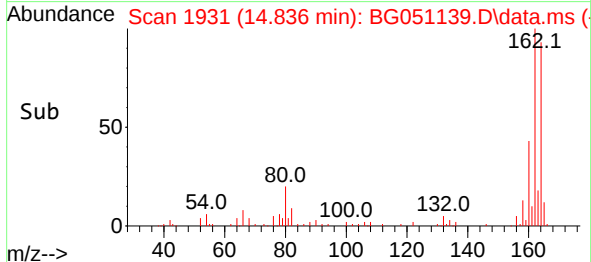
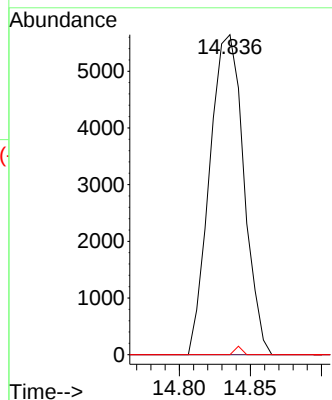
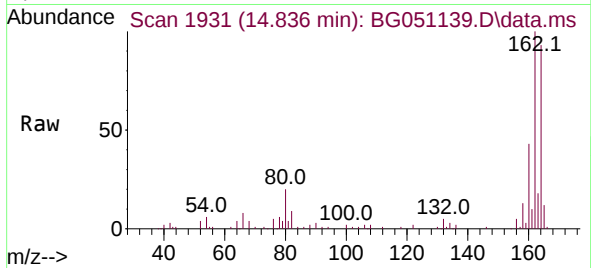




#51
2,6-Dinitrotoluene
Concen: 8.084 ng
RT: 14.836 min Scan# 1931
Delta R.T. 0.420 min
Lab File: BG051139.D
Acq: 20 Nov 2021 2:09

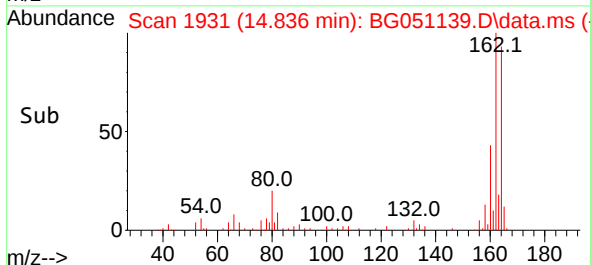
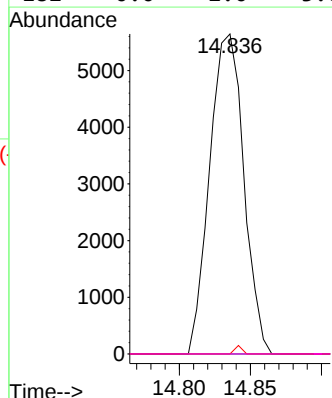
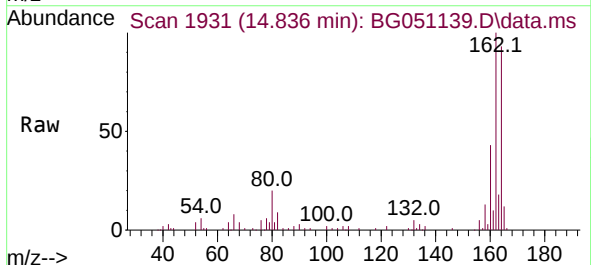
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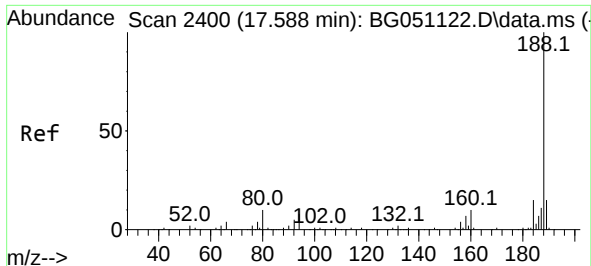
Tgt Ion:165 Resp: 9423
Ion Ratio Lower Upper
165 100
63 0.0 63.3 94.9#
89 0.0 63.4 95.0#



#57
2,4-Dinitrotoluene
Concen: 5.644 ng
RT: 14.836 min Scan# 1931
Delta R.T. -0.367 min
Lab File: BG051139.D
Acq: 20 Nov 2021 2:09

Tgt Ion:165 Resp: 9423
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#

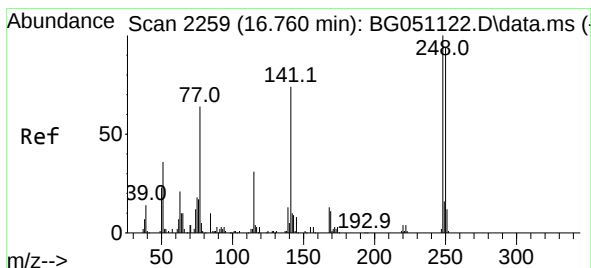
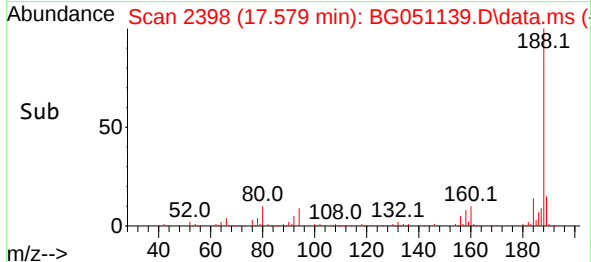
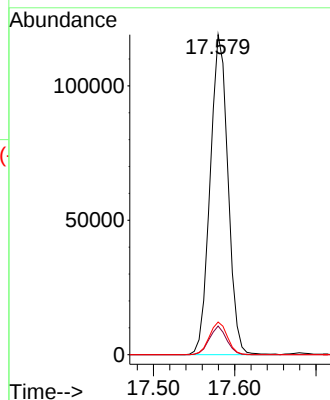
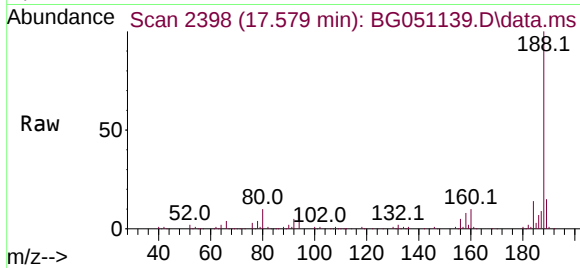




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.579 min Scan# 2184
Delta R.T. -0.009 min
Lab File: BG051139.D
Acq: 20 Nov 2021 2:09

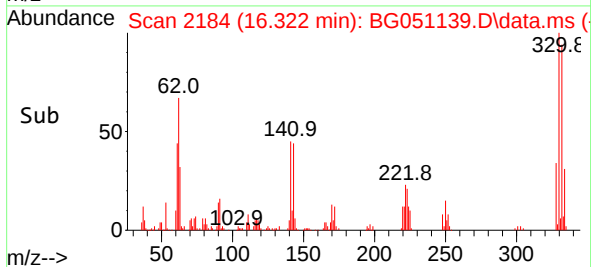
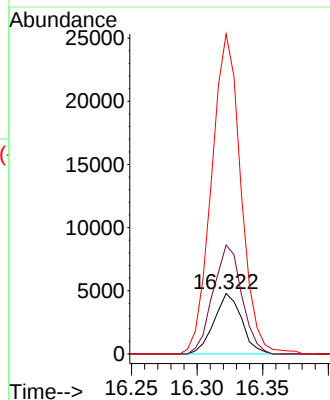
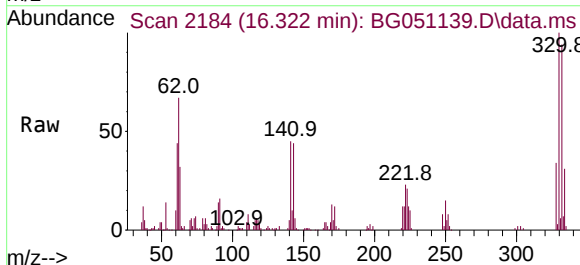
Instrument :
BNA_G
ClientSampleId :
TP6

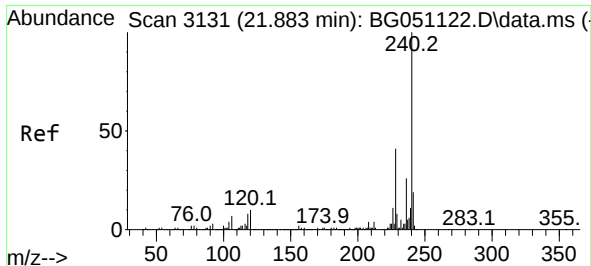
Tgt Ion:188 Resp: 181376
Ion Ratio Lower Upper
188 100
94 8.9 5.4 8.0#
80 10.2 3.7 5.5#



#67
4-Bromophenyl-phenylether
Concen: 3.572 ng
RT: 16.322 min Scan# 2184
Delta R.T. -0.438 min
Lab File: BG051139.D
Acq: 20 Nov 2021 2:09

Tgt Ion:248 Resp: 7008
Ion Ratio Lower Upper
248 100
250 180.0 76.1 114.1#
141 528.9 65.4 98.2#

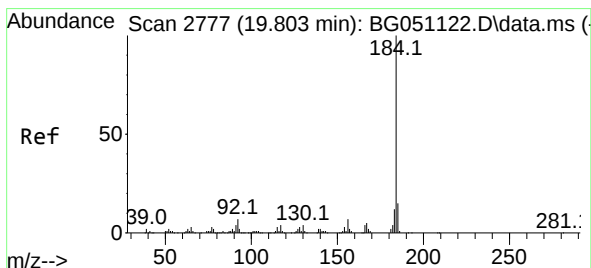
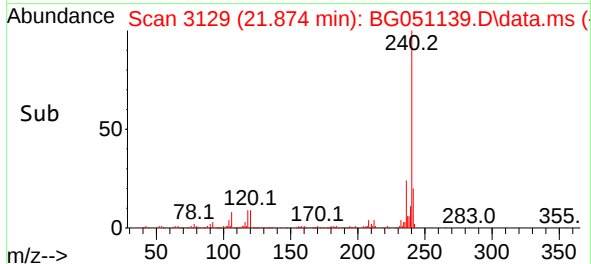
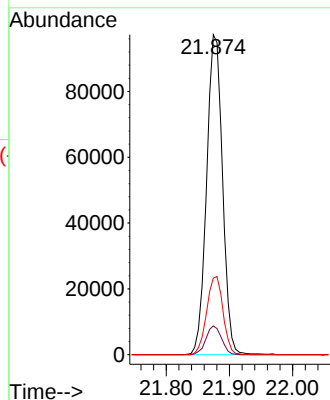
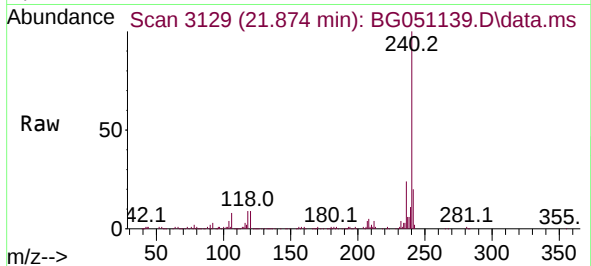




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.874 min Scan# 31
Delta R.T. -0.009 min
Lab File: BG051139.D
Acq: 20 Nov 2021 2:09

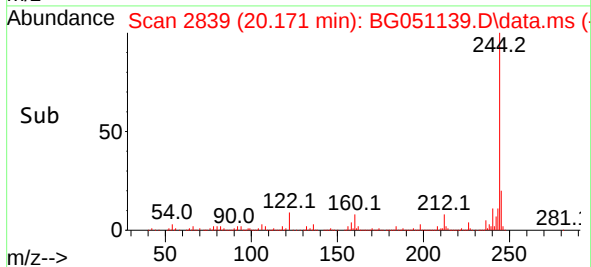
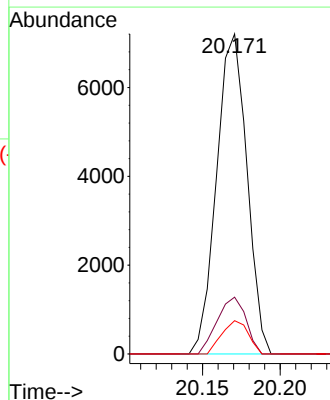
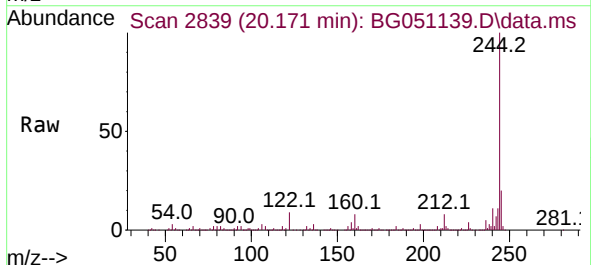
Instrument :
BNA_G
ClientSampleId :
TP6

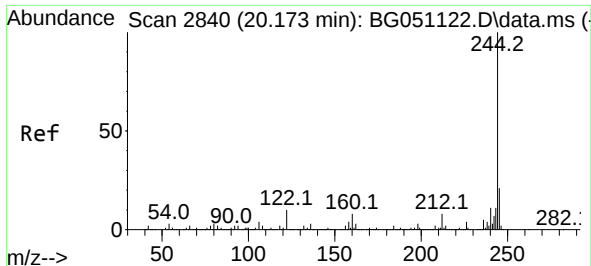
Tgt Ion:240 Resp: 169858
Ion Ratio Lower Upper
240 100
120 9.0 4.2 6.2#
236 24.0 21.8 32.6



#77
Benzidine
Concen: 3.511 ng
RT: 20.171 min Scan# 2839
Delta R.T. 0.367 min
Lab File: BG051139.D
Acq: 20 Nov 2021 2:09

Tgt Ion:184 Resp: 9792
Ion Ratio Lower Upper
184 100
185 17.8 10.7 16.1#
183 10.4 9.4 14.0

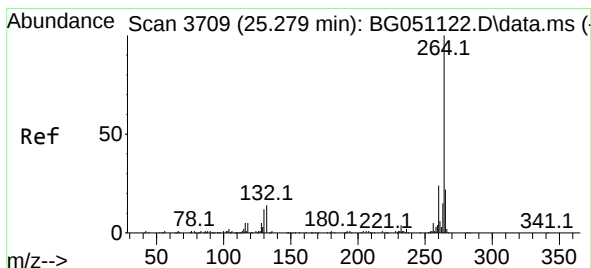
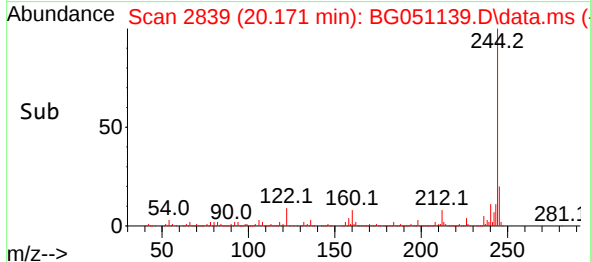
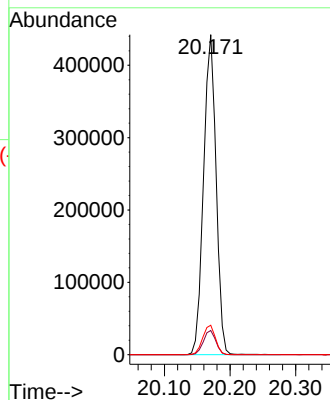
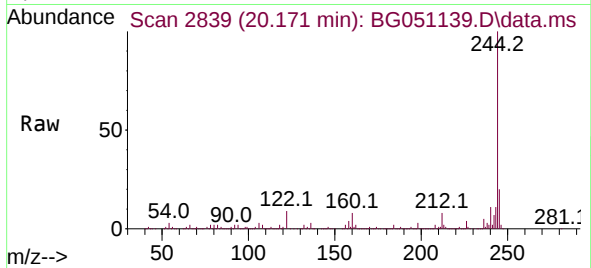




#79
 Terphenyl-d14
 Concen: 63.409 ng
 RT: 20.171 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: BG051139.D
 Acq: 20 Nov 2021 2:09

Instrument :
 BNA_G
 ClientSampleId :
 TP6

Tgt Ion:244 Resp: 589169
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.9 10.3
 122 9.2 5.0 7.6#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.270 min Scan# 3707
 Delta R.T. -0.009 min
 Lab File: BG051139.D
 Acq: 20 Nov 2021 2:09

Tgt Ion:264 Resp: 167217
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.4 29.2
 265 20.3 16.9 25.3

