

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061422\
 Data File : BG053909.D
 Acq On : 14 Jun 2022 20:05
 Operator : CG/JU
 Sample : N3304-12
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-14A-1A-6-G

Quant Time: Jun 15 03:04:03 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 13 15:49:31 2022
 Response via : Initial Calibration

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

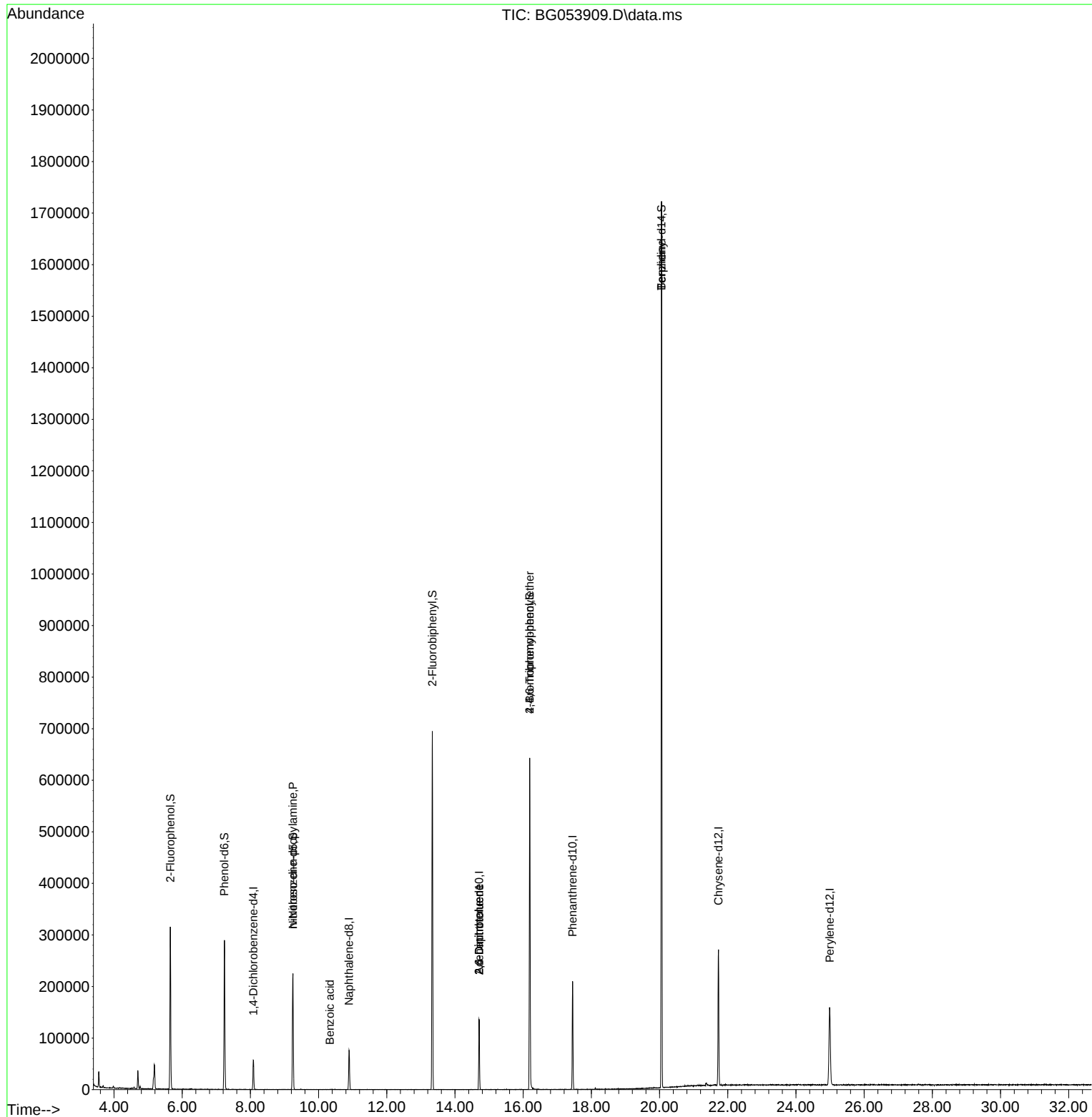
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.089	152	18401	20.000	ng	0.00
21) Naphthalene-d8	10.892	136	71764	20.000	ng	# 0.00
39) Acenaphthene-d10	14.705	164	55127	20.000	ng	0.00
64) Phenanthrene-d10	17.449	188	148937	20.000	ng	# 0.00
76) Chrysene-d12	21.726	240	185172	20.000	ng	0.00
86) Perylene-d12	24.987	264	191837	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.651	112	145317	150.988	ng	0.00
7) Phenol-d6	7.237	99	172200	131.891	ng	0.00
23) Nitrobenzene-d5	9.246	82	141960	111.165	ng	0.00
42) 2,4,6-Tribromophenol	16.191	330	164203	185.391	ng	0.00
45) 2-Fluorobiphenyl	13.336	172	413181	108.988	ng	0.00
79) Terphenyl-d14	20.057	244	987876	107.449	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.246	70	18646	21.257	ng	# 82
32) Benzoic acid	10.333	122	55	11.392	ng	# 30
51) 2,6-Dinitrotoluene	14.705	165	7450	8.783	ng	# 16
57) 2,4-Dinitrotoluene	14.705	165	7450	6.219	ng	# 21
67) 4-Bromophenyl-phenylether	16.191	248	10129	5.445	ng	# 1
77) Benzidine	20.057	184	12915	3.368	ng	# 94

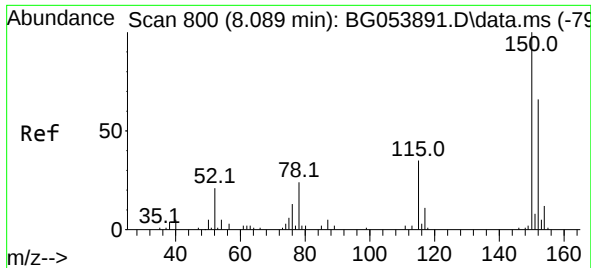
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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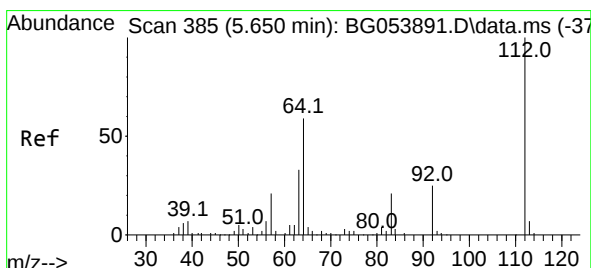
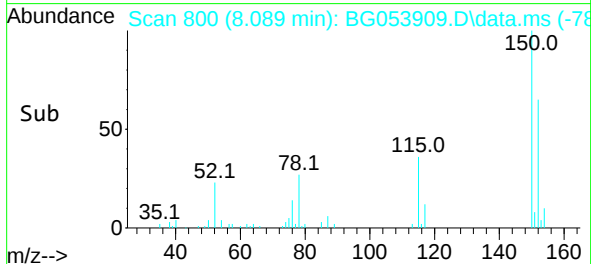
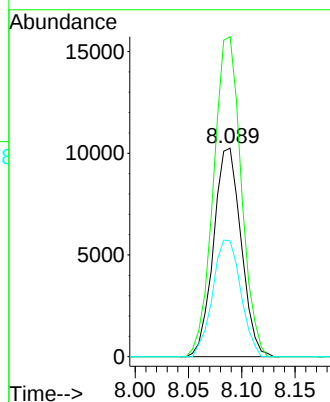
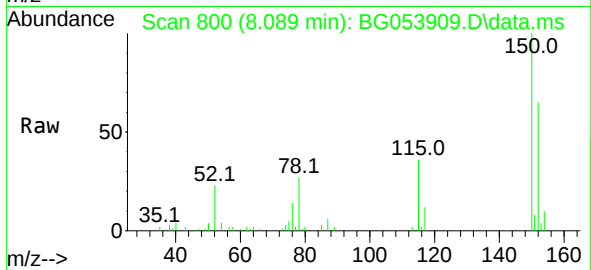




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.089 min Scan# 800
Delta R.T. -0.000 min
Lab File: BG053909.D
Acq: 14 Jun 2022 20:05

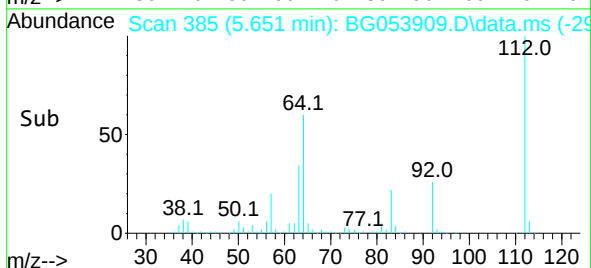
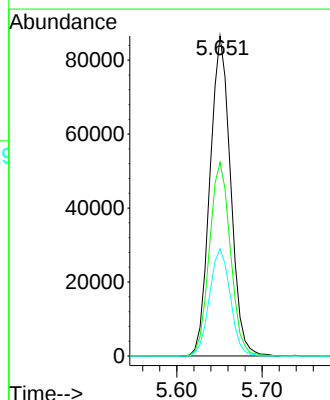
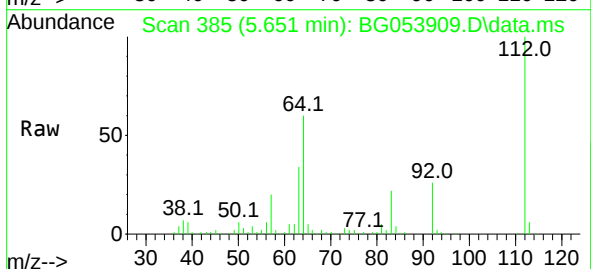
Instrument :
BNA_G
ClientSampleId :
WC-14A-1A-6-G

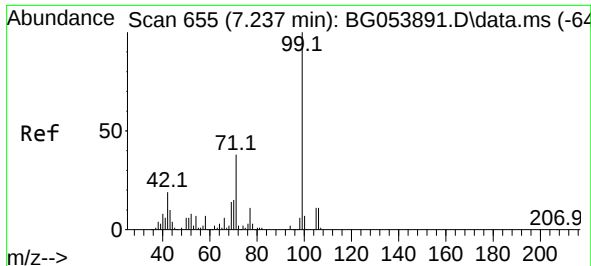
Tgt Ion:152 Resp: 18401
Ion Ratio Lower Upper
152 100
150 153.5 131.6 197.4
115 55.6 50.9 76.3



#5
2-Fluorophenol
Concen: 150.988 ng
RT: 5.651 min Scan# 385
Delta R.T. 0.000 min
Lab File: BG053909.D
Acq: 14 Jun 2022 20:05

Tgt Ion:112 Resp: 145317
Ion Ratio Lower Upper
112 100
64 60.5 55.1 82.7
63 33.5 30.4 45.6

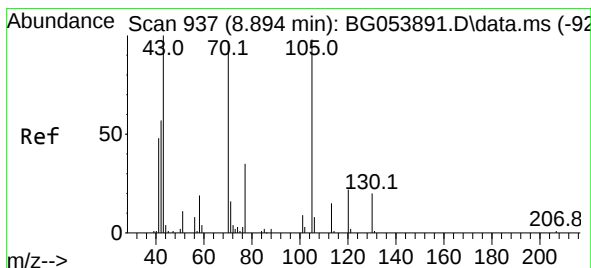
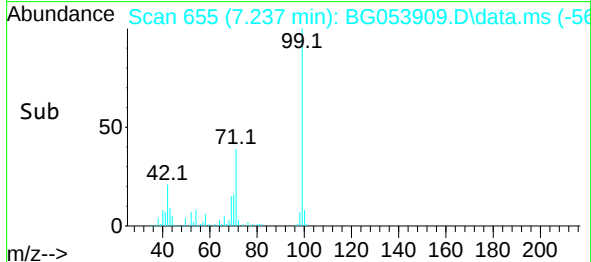
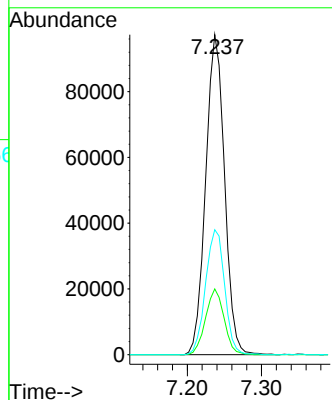
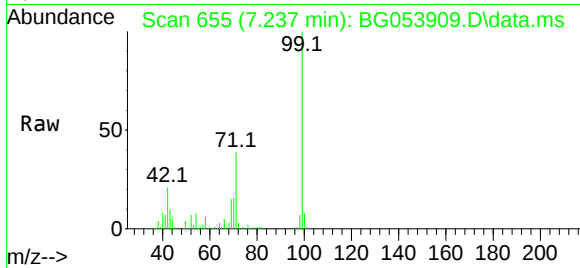




#7
Phenol-d6
Concen: 131.891 ng
RT: 7.237 min Scan# 61
Delta R.T. 0.000 min
Lab File: BG053909.D
Acq: 14 Jun 2022 20:05

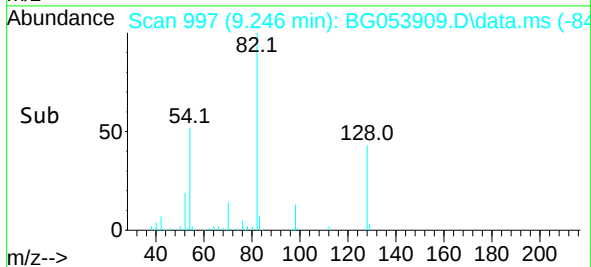
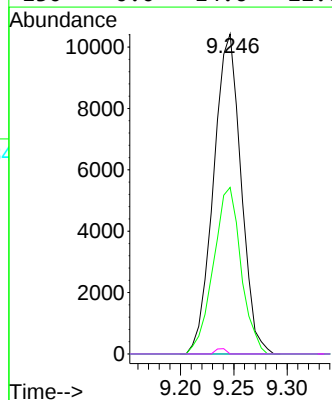
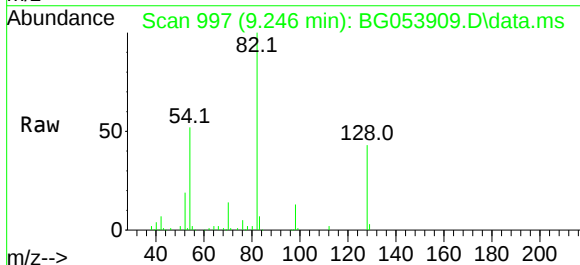
Instrument :
BNA_G
ClientSampleId :
WC-14A-1A-6-G

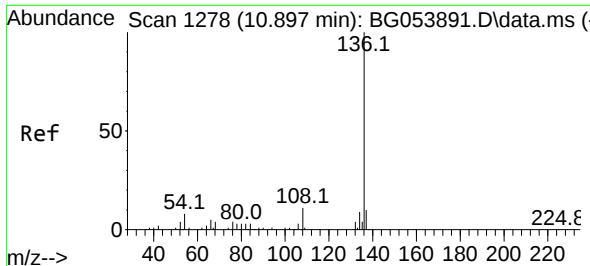
Tgt Ion: 99 Resp: 172200
Ion Ratio Lower Upper
99 100
42 20.5 17.0 25.6
71 39.1 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 21.257 ng
RT: 9.246 min Scan# 997
Delta R.T. 0.353 min
Lab File: BG053909.D
Acq: 14 Jun 2022 20:05

Tgt Ion: 70 Resp: 18646
Ion Ratio Lower Upper
70 100
42 52.1 47.3 70.9
101 0.0 7.0 10.4#
130 0.0 14.6 22.0#

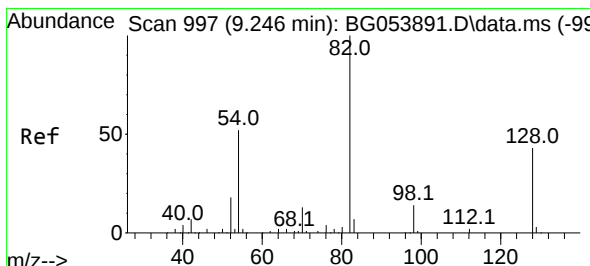
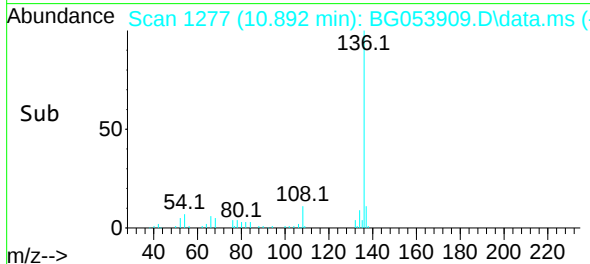
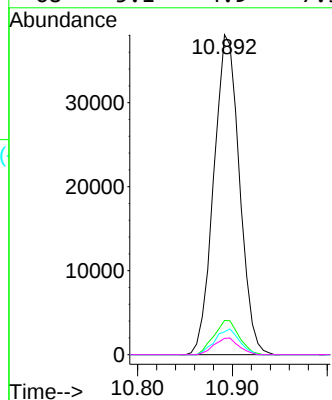
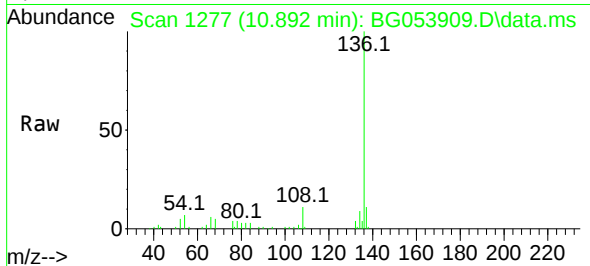




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.892 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG053909.D
Acq: 14 Jun 2022 20:05

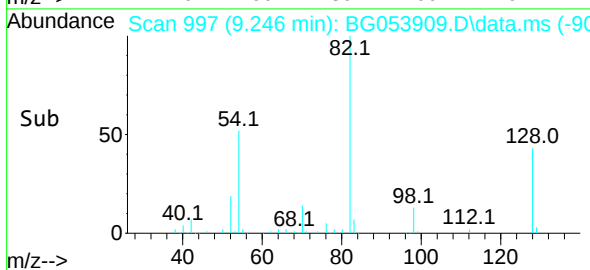
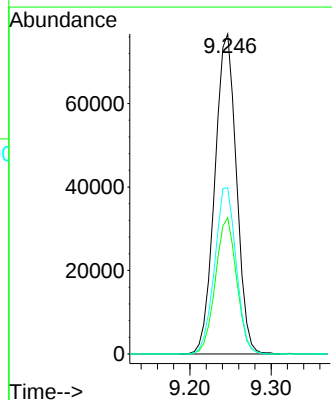
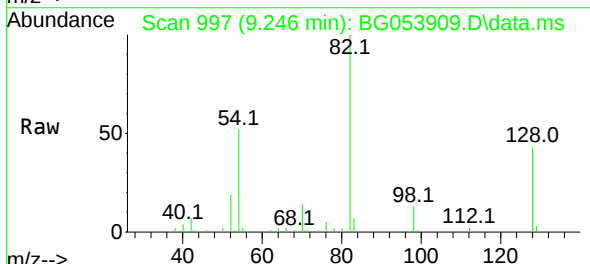
Instrument :
BNA_G
ClientSampleId :
WC-14A-1A-6-G

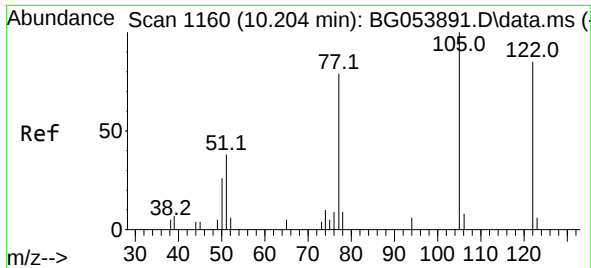
Tgt Ion:	136	Resp:	71764
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.5	12.7
54	7.1	7.4	11.2#
68	5.1	4.9	7.3



#23
Nitrobenzene-d5
Concen: 111.165 ng
RT: 9.246 min Scan# 997
Delta R.T. 0.000 min
Lab File: BG053909.D
Acq: 14 Jun 2022 20:05

Tgt Ion:	82	Resp:	141960
Ion	Ratio	Lower	Upper
82	100		
128	42.6	27.9	41.9#
54	52.0	41.2	61.8

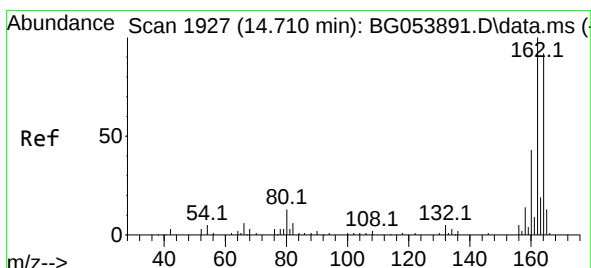
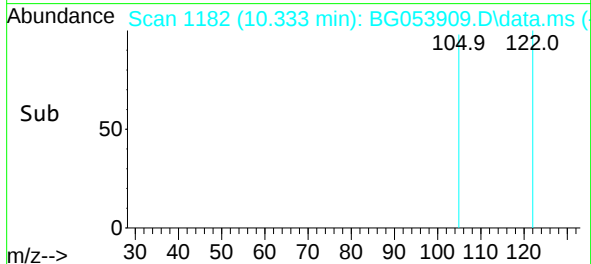
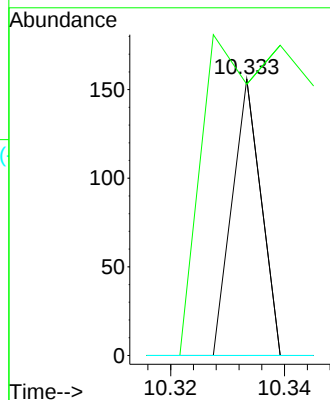
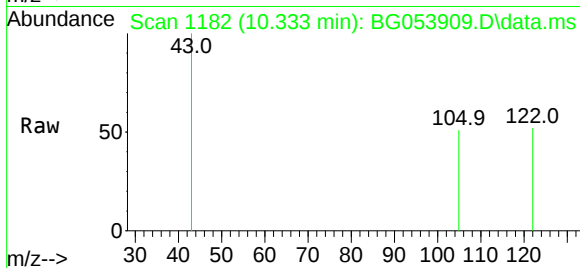




#32
Benzoic acid
Concen: 11.392 ng
RT: 10.333 min Scan# 1160
Delta R.T. 0.129 min
Lab File: BG053909.D
Acq: 14 Jun 2022 20:05

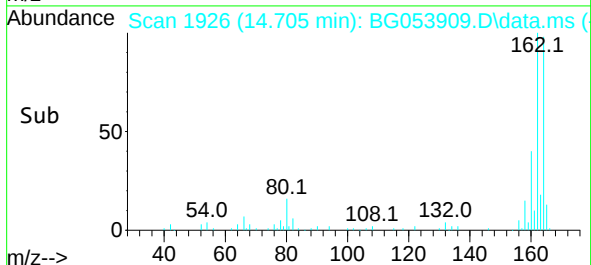
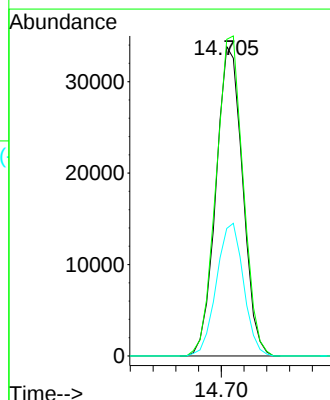
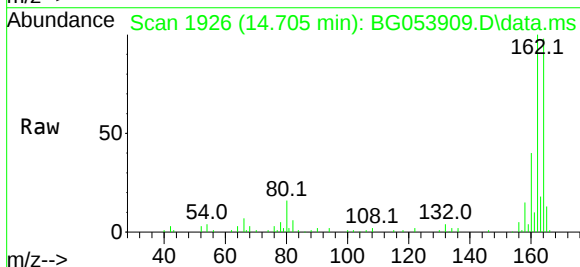
Instrument :
BNA_G
ClientSampleId :
WC-14A-1A-6-G

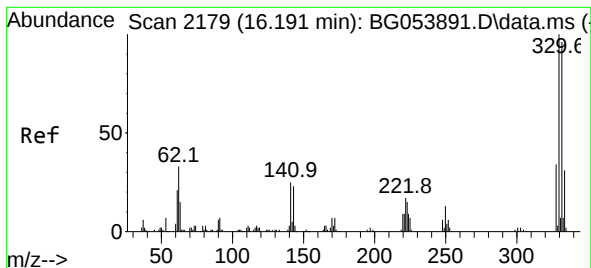
Tgt Ion:122 Resp: 55
Ion Ratio Lower Upper
122 100
105 98.1 111.8 151.8#
77 0.0 109.4 149.4#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.705 min Scan# 1926
Delta R.T. -0.005 min
Lab File: BG053909.D
Acq: 14 Jun 2022 20:05

Tgt Ion:164 Resp: 55127
Ion Ratio Lower Upper
164 100
162 102.4 82.3 123.5
160 41.2 34.2 51.2

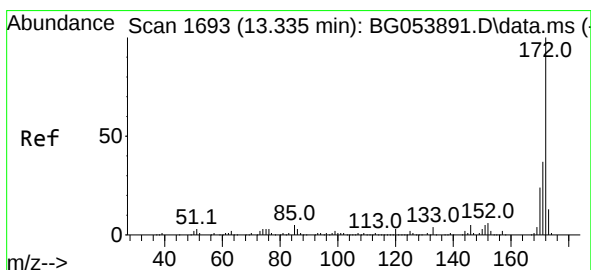
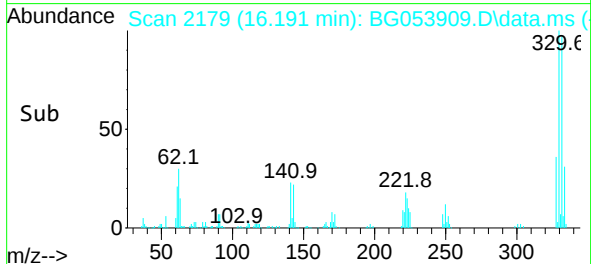
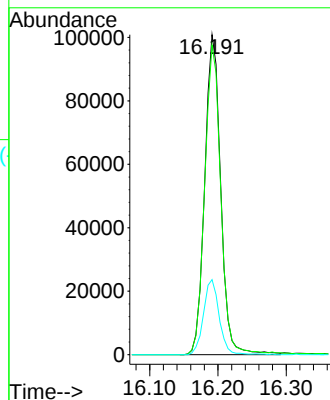
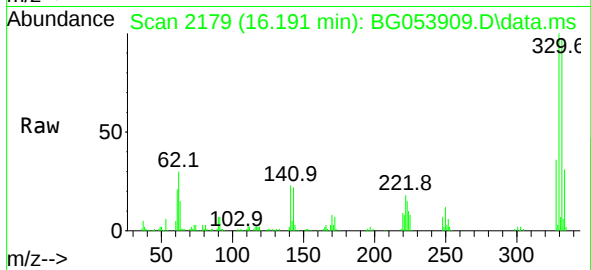




#42
2,4,6-Tribromophenol
Concen: 185.391 ng
RT: 16.191 min Scan# 2179
Delta R.T. 0.000 min
Lab File: BG053909.D
Acq: 14 Jun 2022 20:05

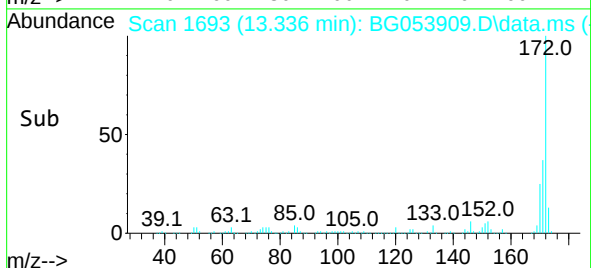
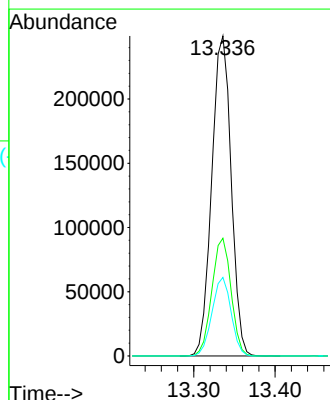
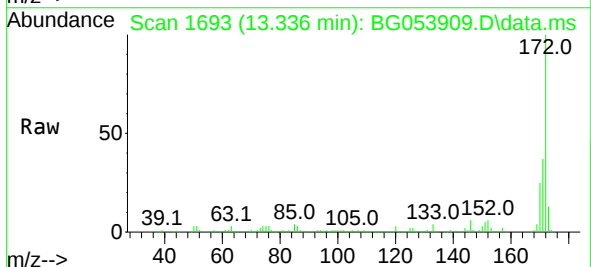
Instrument :
BNA_G
ClientSampleId :
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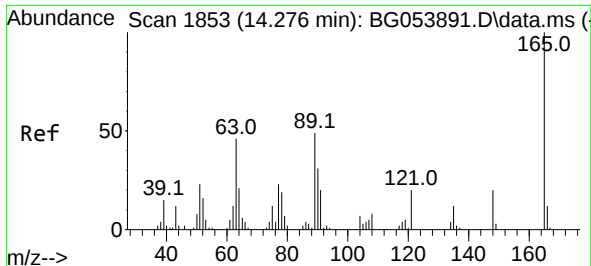
Tgt Ion:330 Resp: 164203
Ion Ratio Lower Upper
330 100
332 97.2 76.0 114.0
141 23.0 27.1 40.7#



#45
2-Fluorobiphenyl
Concen: 108.988 ng
RT: 13.336 min Scan# 1693
Delta R.T. 0.000 min
Lab File: BG053909.D
Acq: 14 Jun 2022 20:05

Tgt Ion:172 Resp: 413181
Ion Ratio Lower Upper
172 100
171 36.8 28.5 42.7
170 24.6 18.9 28.3

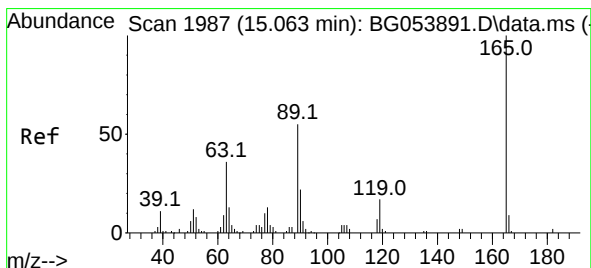
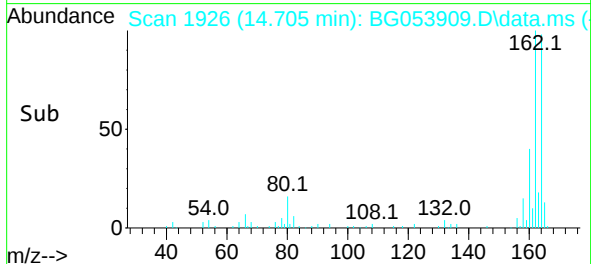
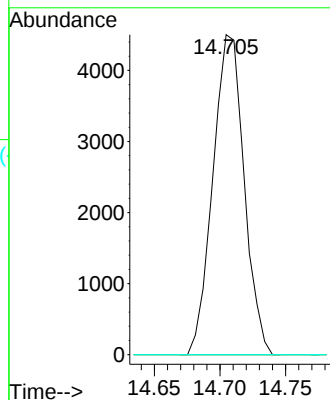
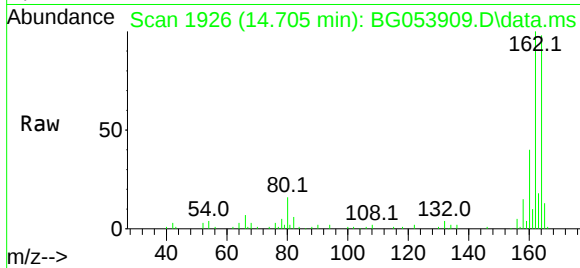




#51
2,6-Dinitrotoluene
Concen: 8.783 ng
RT: 14.705 min Scan# 1926
Delta R.T. 0.429 min
Lab File: BG053909.D
Acq: 14 Jun 2022 20:05

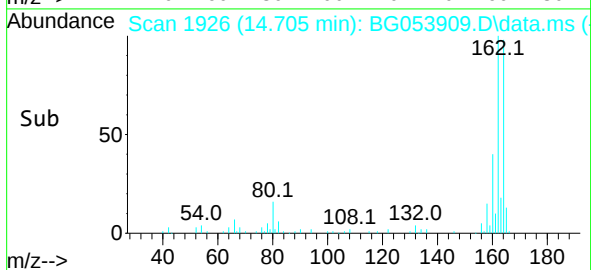
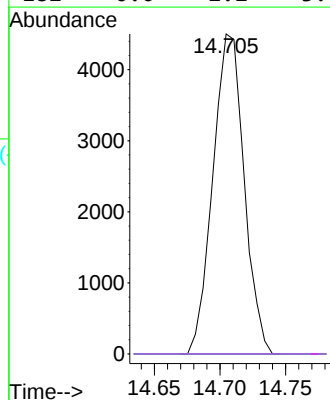
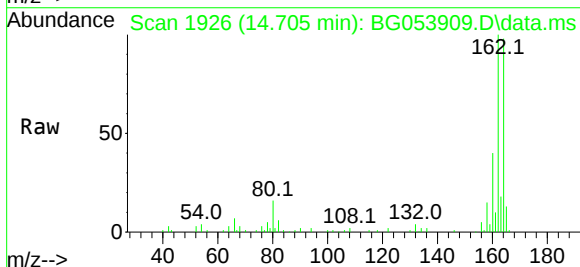
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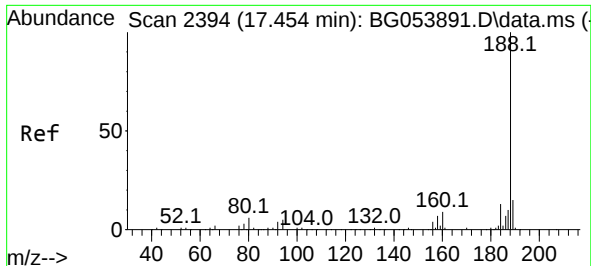
Tgt Ion:165 Resp: 7450
Ion Ratio Lower Upper
165 100
63 0.0 54.1 81.1#
89 0.0 54.8 82.2#



#57
2,4-Dinitrotoluene
Concen: 6.219 ng
RT: 14.705 min Scan# 1926
Delta R.T. -0.358 min
Lab File: BG053909.D
Acq: 14 Jun 2022 20:05

Tgt Ion:165 Resp: 7450
Ion Ratio Lower Upper
165 100
63 0.0 34.6 52.0#
89 0.0 60.3 90.5#
182 0.0 2.2 3.4#

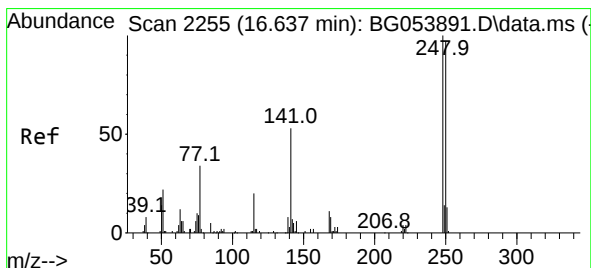
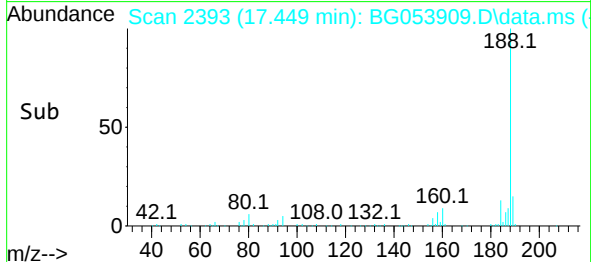
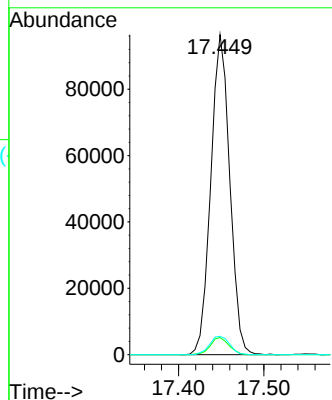
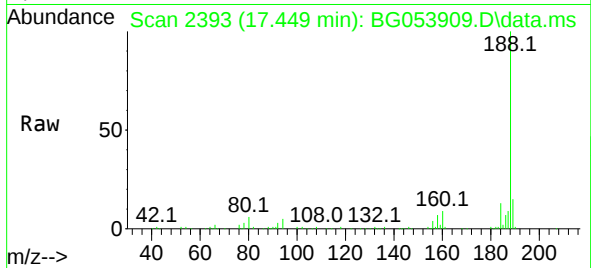




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.449 min Scan# 2179
Delta R.T. -0.006 min
Lab File: BG053909.D
Acq: 14 Jun 2022 20:05

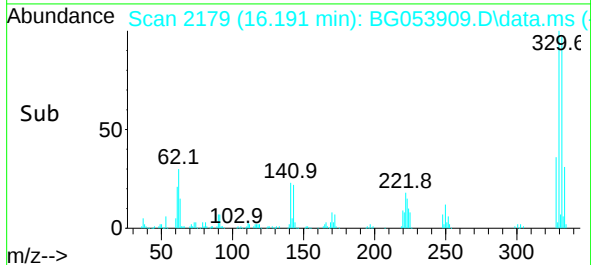
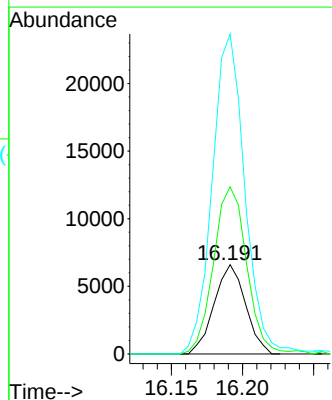
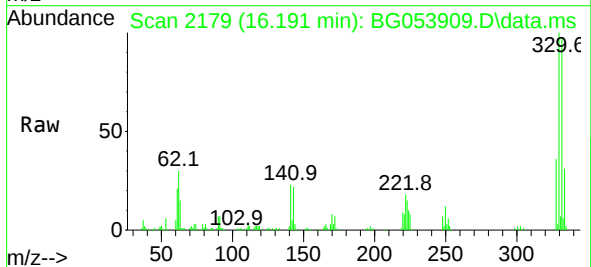
Instrument :
BNA_G
ClientSampleId :
WC-14A-1A-6-G

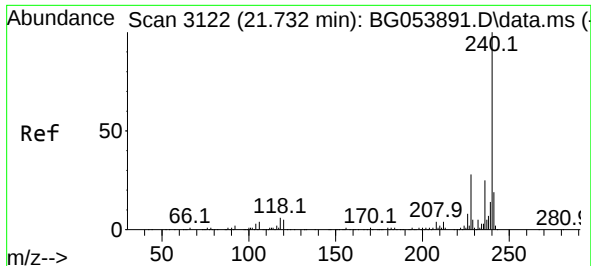
Tgt Ion:188 Resp: 148937
Ion Ratio Lower Upper
188 100
94 5.3 5.4 8.0#
80 5.8 6.8 10.2#



#67
4-Bromophenyl-phenylether
Concen: 5.445 ng
RT: 16.191 min Scan# 2179
Delta R.T. -0.446 min
Lab File: BG053909.D
Acq: 14 Jun 2022 20:05

Tgt Ion:248 Resp: 10129
Ion Ratio Lower Upper
248 100
250 186.8 75.2 112.8#
141 278.5 50.0 75.0#

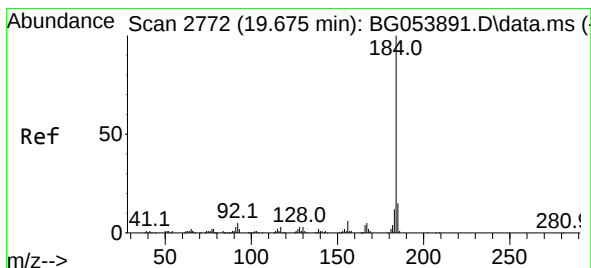
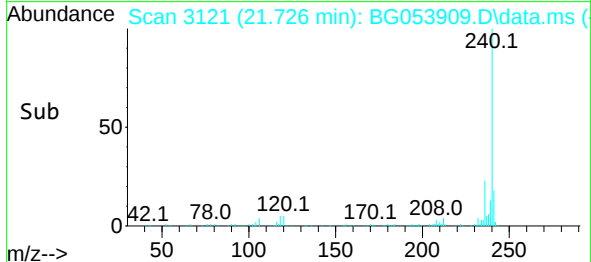
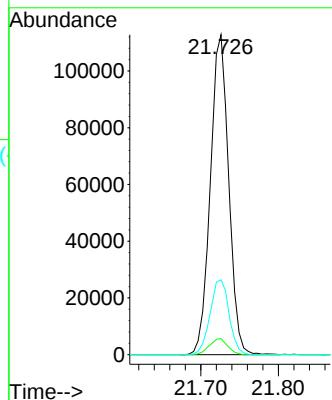
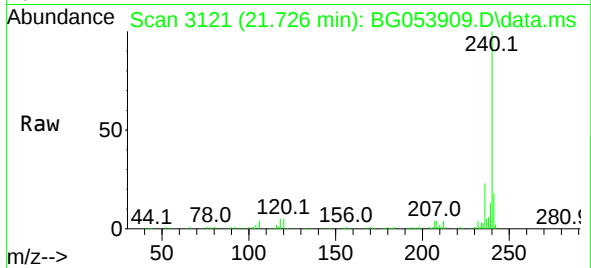




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.726 min Scan# 31
Delta R.T. -0.006 min
Lab File: BG053909.D
Acq: 14 Jun 2022 20:05

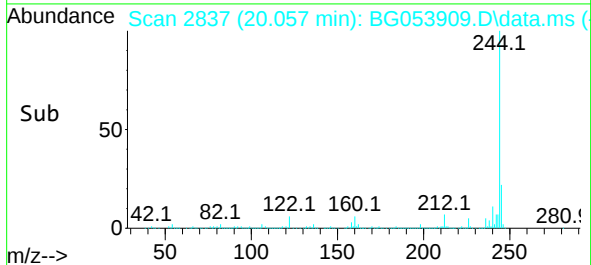
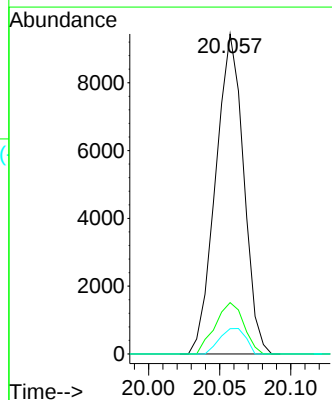
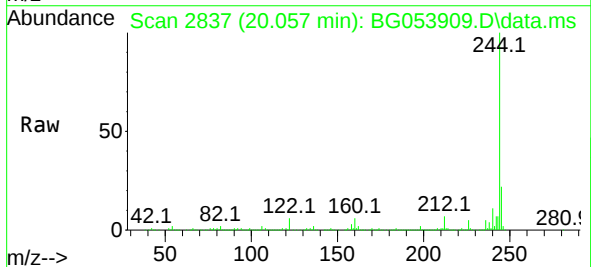
Instrument :
BNA_G
ClientSampleId :
WC-14A-1A-6-G

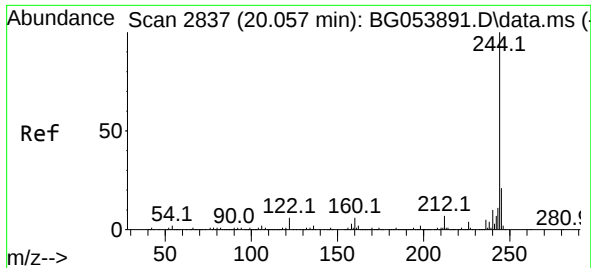
Tgt Ion:240 Resp: 185172
Ion Ratio Lower Upper
240 100
120 5.0 4.6 7.0
236 23.4 20.2 30.4



#77
Benzidine
Concen: 3.368 ng
RT: 20.057 min Scan# 2837
Delta R.T. 0.382 min
Lab File: BG053909.D
Acq: 14 Jun 2022 20:05

Tgt Ion:184 Resp: 12915
Ion Ratio Lower Upper
184 100
185 16.1 11.8 17.6
183 7.9 8.9 13.3#

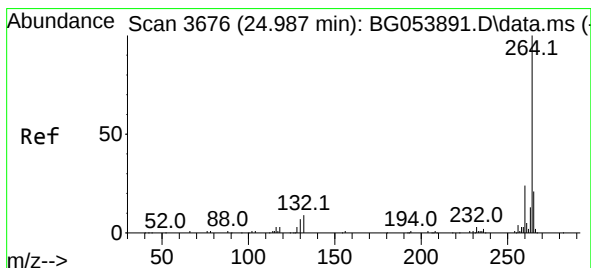
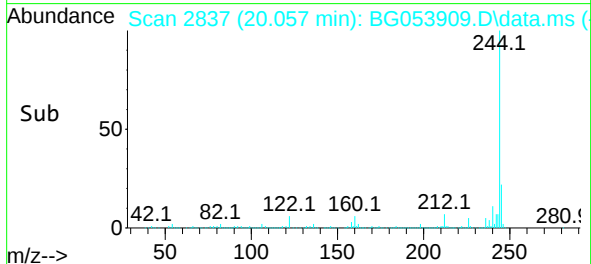
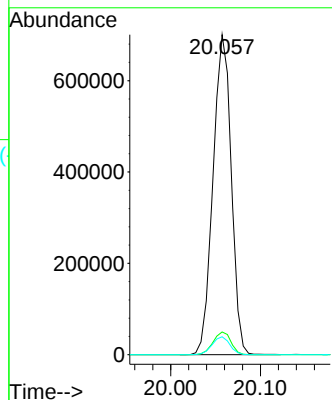
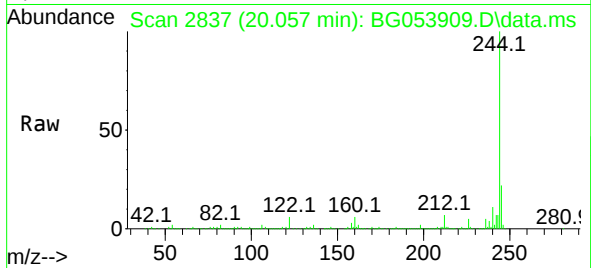




#79
 Terphenyl-d14
 Concen: 107.449 ng
 RT: 20.057 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BG053909.D
 Acq: 14 Jun 2022 20:05

Instrument :
 BNA_G
 ClientSampleId :
 WC-14A-1A-6-G

Tgt Ion:244 Resp: 987876
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.5 9.7
 122 5.6 5.0 7.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.987 min Scan# 3676
 Delta R.T. 0.000 min
 Lab File: BG053909.D
 Acq: 14 Jun 2022 20:05

Tgt Ion:264 Resp: 191837
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.0 28.6
 265 21.5 17.4 26.2

