

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032422\
 Data File : BG052814.D
 Acq On : 24 Mar 2022 18:22
 Operator : CG/JU
 Sample : N2090-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-50

Quant Time: Mar 25 03:19:46 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 24 16:48:57 2022
 Response via : Initial Calibration

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

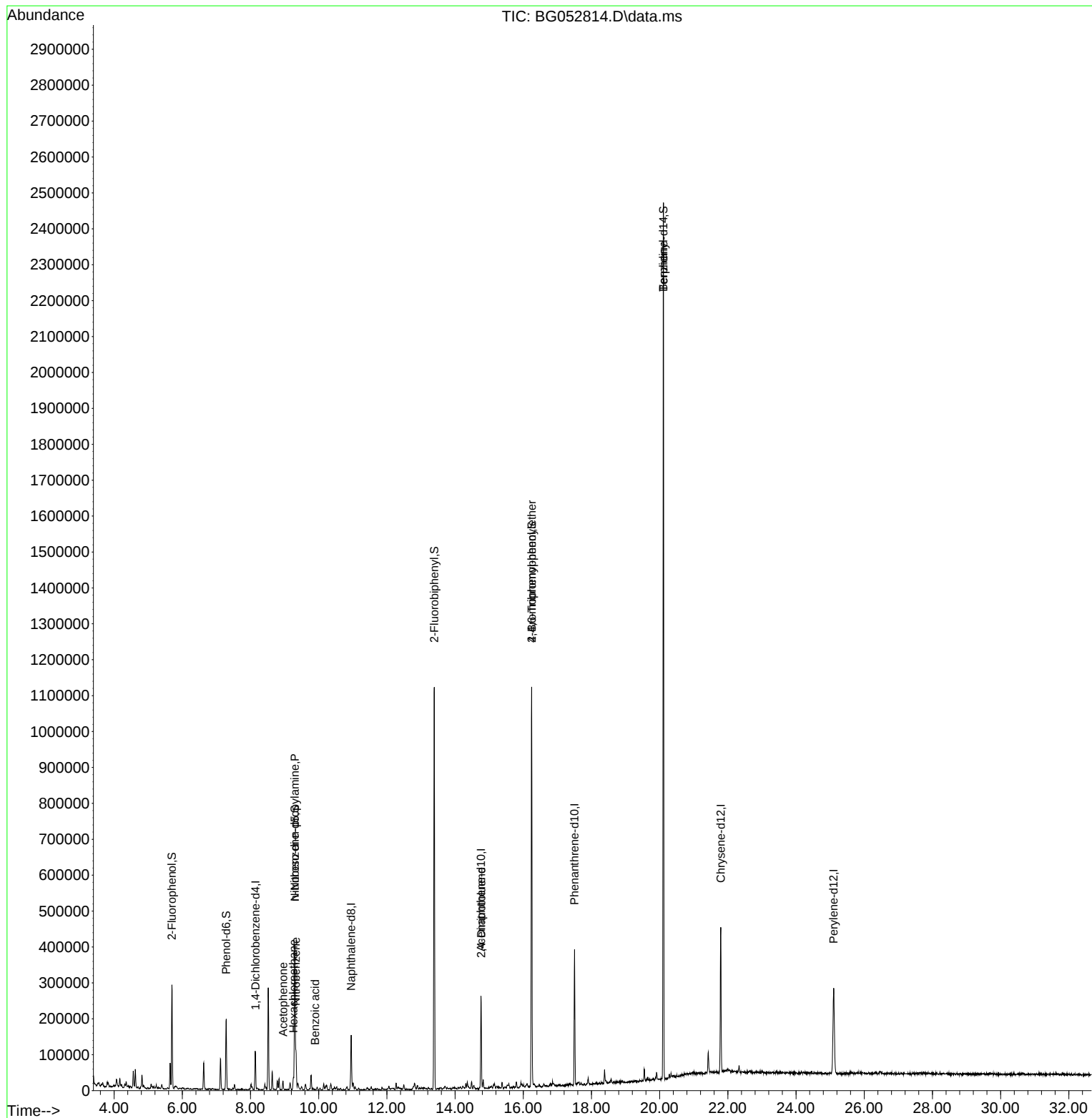
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.146	152	28773	20.000	ng	0.00
21) Naphthalene-d8	10.954	136	115889	20.000	ng	0.00
39) Acenaphthene-d10	14.761	164	92534	20.000	ng	0.00
64) Phenanthrene-d10	17.504	188	233227	20.000	ng	0.00
76) Chrysene-d12	21.793	240	254407	20.000	ng	0.00
86) Perylene-d12	25.106	264	267691	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.697	112	115439	69.871	ng	0.00
7) Phenol-d6	7.289	99	109527	43.972	ng	0.00
23) Nitrobenzene-d5	9.304	82	261804	113.384	ng	0.00
42) 2,4,6-Tribromophenol	16.247	330	216201	173.878	ng	0.00
45) 2-Fluorobiphenyl	13.392	172	597015	95.155	ng	0.00
79) Terphenyl-d14	20.113	244	1262997	88.310	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	7.283	77	443	Below Cal	#	36
18) Hexachloroethane	9.257	117	9544	12.386	ng	# 34
19) n-Nitroso-di-n-propyla...	9.304	70	36902	20.918	ng	# 77
22) Acetophenone	8.957	105	18492	6.166	ng	# 58
24) Nitrobenzene	9.333	77	4843	2.096	ng	# 4
32) Benzoic acid	9.897	122	54	5.712	ng	# 1
57) 2,4-Dinitrotoluene	14.767	165	13287	8.247	ng	# 28
67) 4-Bromophenyl-phenylether	16.247	248	14115	5.020	ng	# 1
77) Benzidine	20.113	184	23462	3.576	ng	# 90

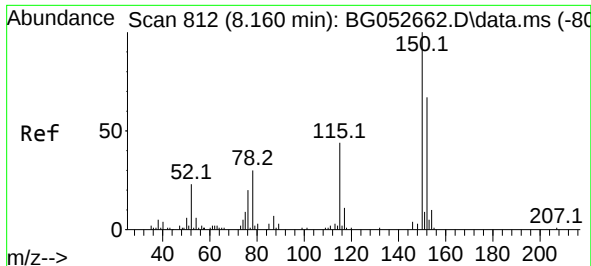
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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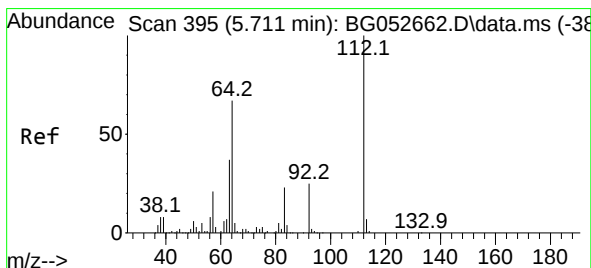
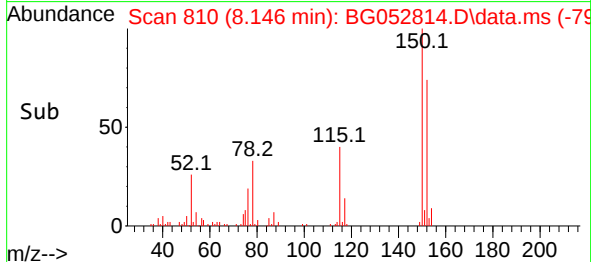
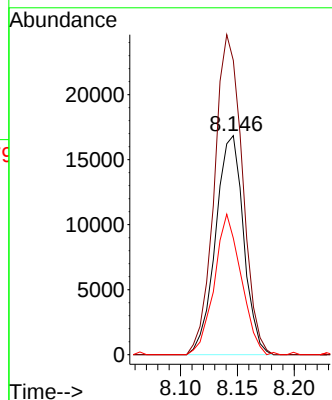
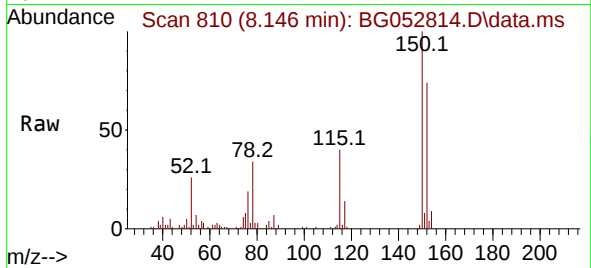




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.146 min Scan# 812
Delta R.T. 0.000 min
Lab File: BG052814.D
Acq: 24 Mar 2022 18:22

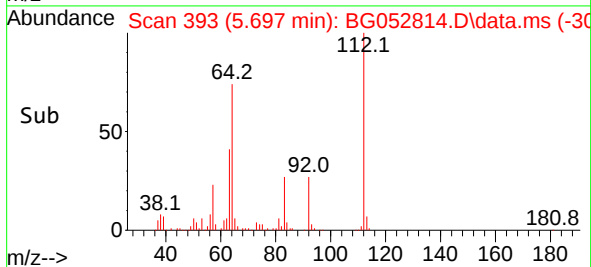
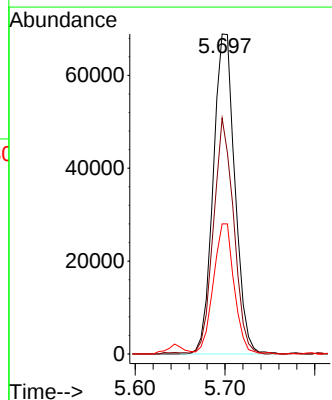
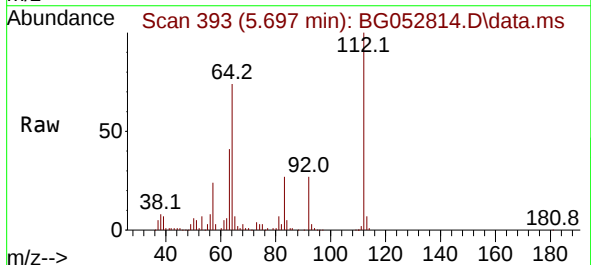
Instrument :
BNA_G
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MW-50

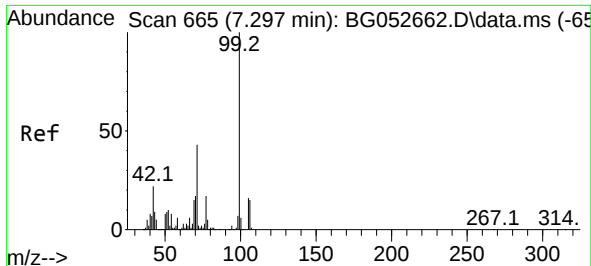
Tgt Ion:152 Resp: 28773
Ion Ratio Lower Upper
152 100
150 134.3 114.6 172.0
115 53.2 45.9 68.9



#5
2-Fluorophenol
Concen: 69.871 ng
RT: 5.697 min Scan# 393
Delta R.T. 0.000 min
Lab File: BG052814.D
Acq: 24 Mar 2022 18:22

Tgt Ion:112 Resp: 115439
Ion Ratio Lower Upper
112 100
64 73.7 48.0 72.0#
63 40.7 26.5 39.7#

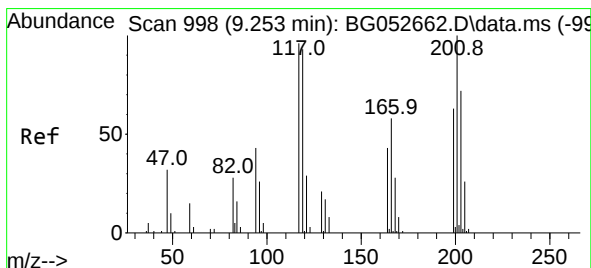
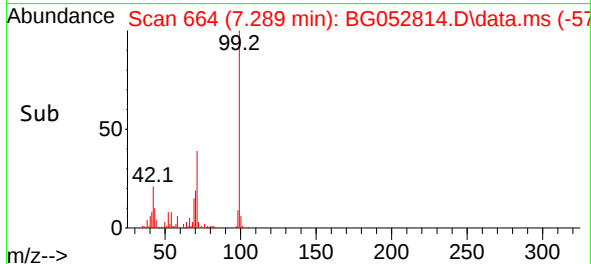
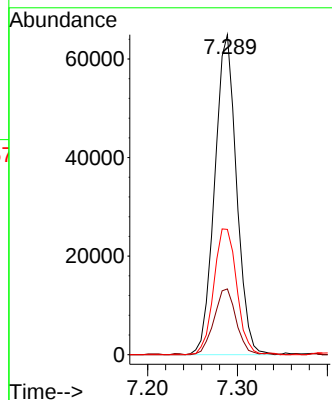
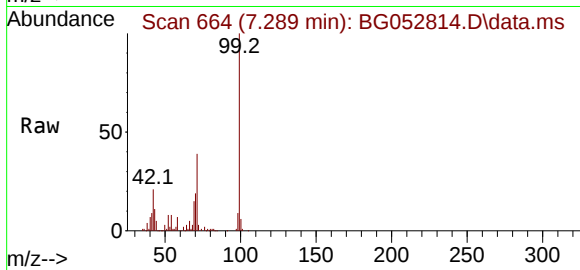




#7
Phenol-d6
Concen: 43.972 ng
RT: 7.289 min Scan# 60
Delta R.T. 0.000 min
Lab File: BG052814.D
Acq: 24 Mar 2022 18:22

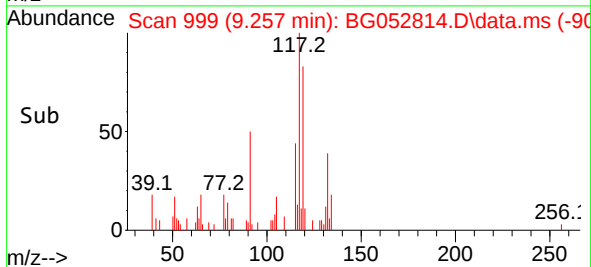
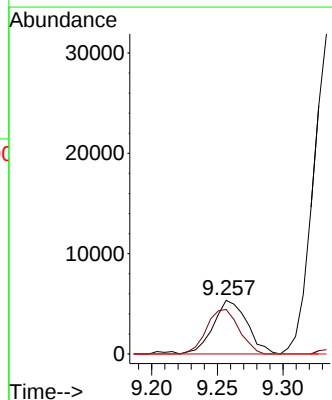
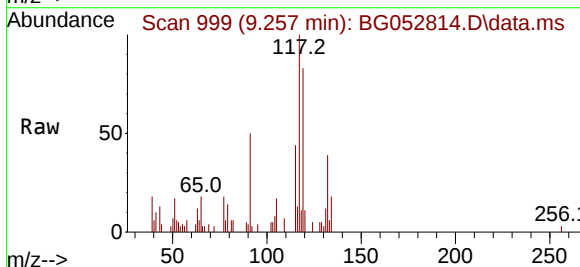
Instrument :
BNA_G
ClientSampleId :
MW-50

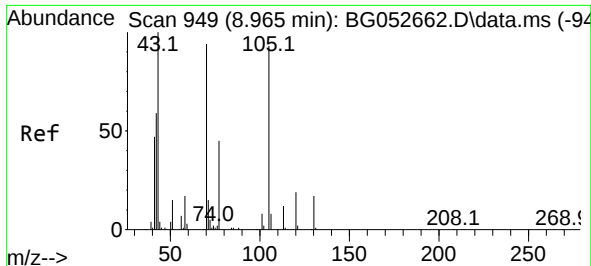
Tgt Ion: 99 Resp: 109527
Ion Ratio Lower Upper
99 100
42 20.5 14.7 22.1
71 39.2 29.2 43.8



#18
Hexachloroethane
Concen: 12.386 ng
RT: 9.257 min Scan# 999
Delta R.T. 0.024 min
Lab File: BG052814.D
Acq: 24 Mar 2022 18:22

Tgt Ion: 117 Resp: 9544
Ion Ratio Lower Upper
117 100
119 83.0 75.1 112.7
201 0.0 96.6 145.0#

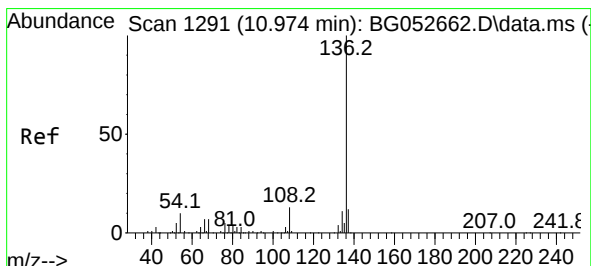
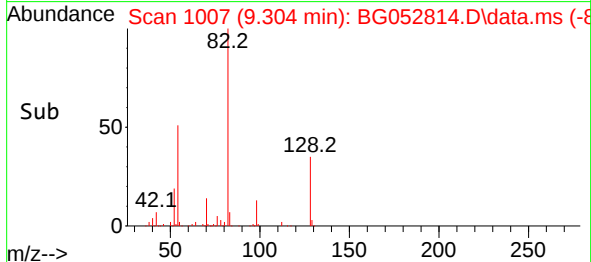
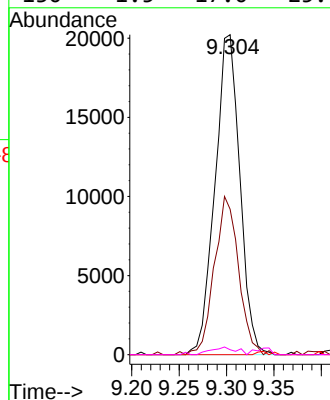
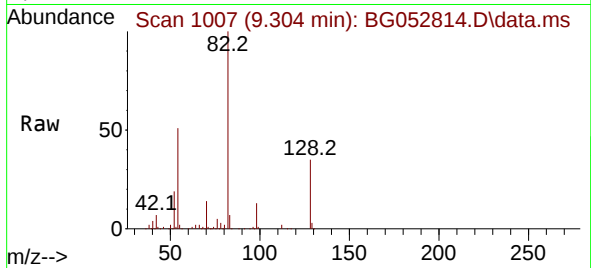




#19
n-Nitroso-di-n-propylamine
Concen: 20.918 ng
RT: 9.304 min Scan# 1007
Delta R.T. 0.359 min
Lab File: BG052814.D
Acq: 24 Mar 2022 18:22

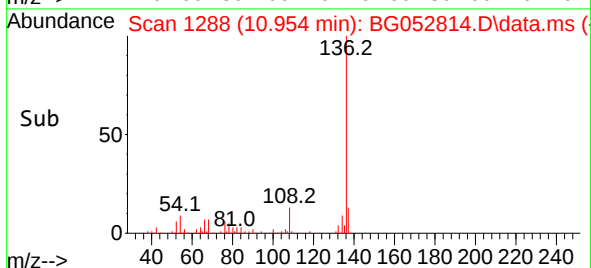
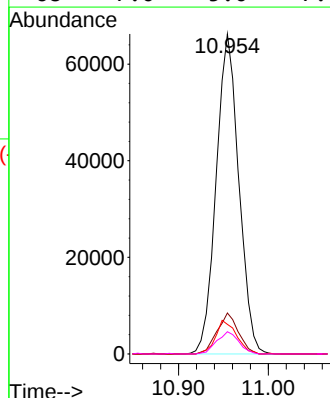
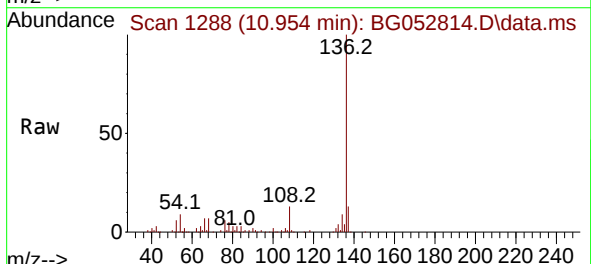
Instrument :
BNA_G
ClientSampleId :
MW-50

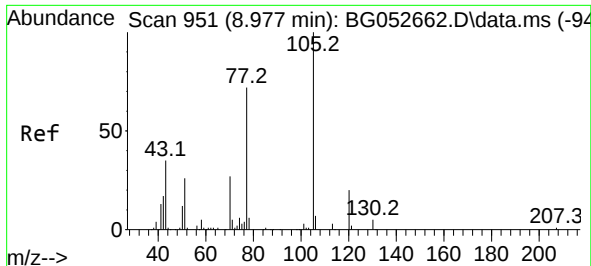
Tgt Ion: 70 Resp: 36902
Ion Ratio Lower Upper
70 100
42 45.5 46.0 69.0#
101 0.0 6.2 9.4#
130 1.5 17.0 25.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.954 min Scan# 1288
Delta R.T. -0.006 min
Lab File: BG052814.D
Acq: 24 Mar 2022 18:22

Tgt Ion: 136 Resp: 115889
Ion Ratio Lower Upper
136 100
137 12.8 9.4 14.2
54 9.3 6.4 9.6
68 7.0 5.0 7.6

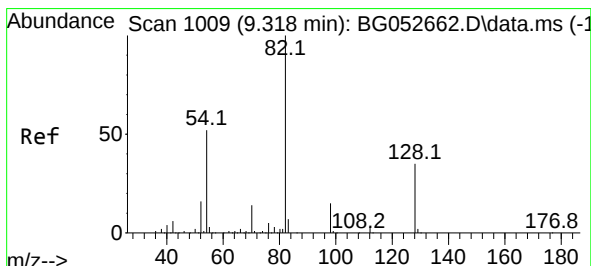
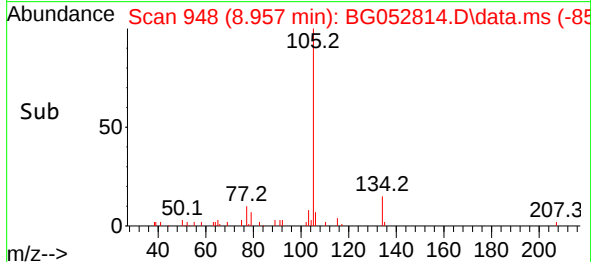
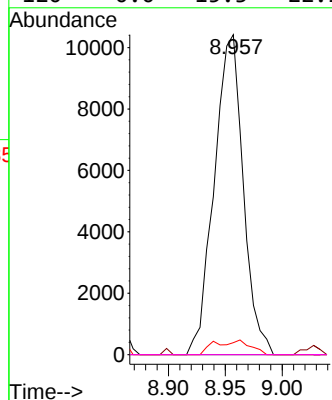
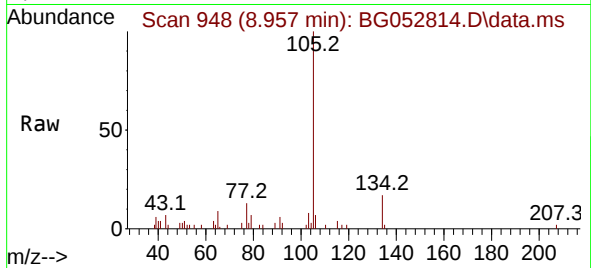




#22
Acetophenone
Concen: 6.166 ng
RT: 8.957 min Scan# 94
Delta R.T. -0.006 min
Lab File: BG052814.D
Acq: 24 Mar 2022 18:22

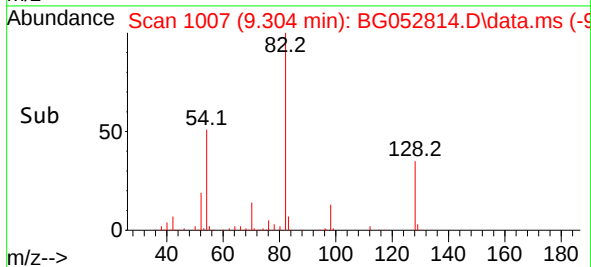
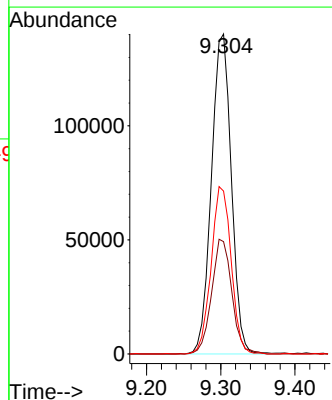
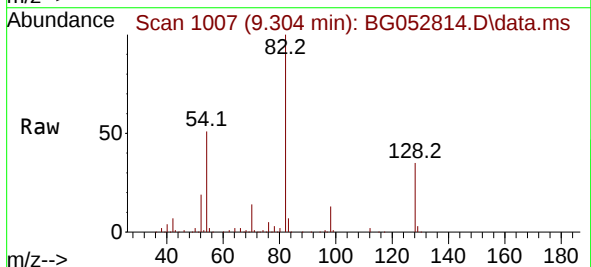
Instrument :
BNA_G
ClientSampleId :
MW-50

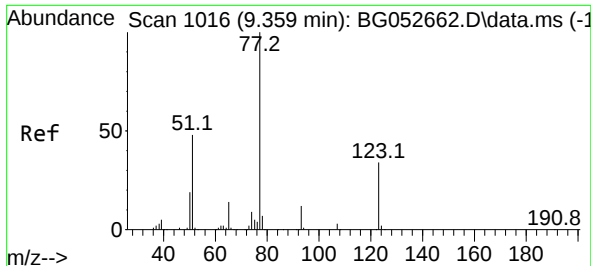
Tgt Ion:105 Resp: 18492
Ion Ratio Lower Upper
105 100
71 0.0 2.1 3.1#
51 3.8 21.9 32.9#
120 0.0 15.3 22.9#



#23
Nitrobenzene-d5
Concen: 113.384 ng
RT: 9.304 min Scan# 1007
Delta R.T. 0.000 min
Lab File: BG052814.D
Acq: 24 Mar 2022 18:22

Tgt Ion: 82 Resp: 261804
Ion Ratio Lower Upper
82 100
128 35.1 31.3 46.9
54 50.9 37.8 56.8

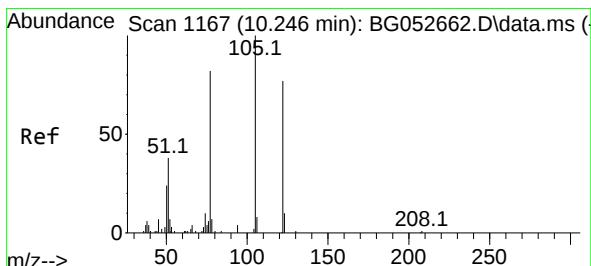
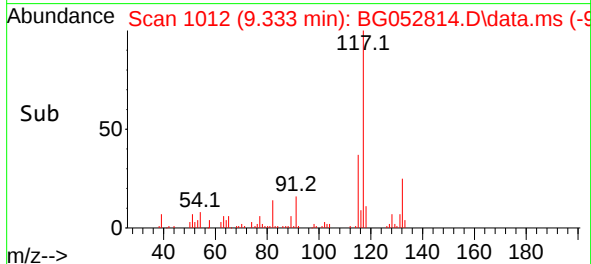
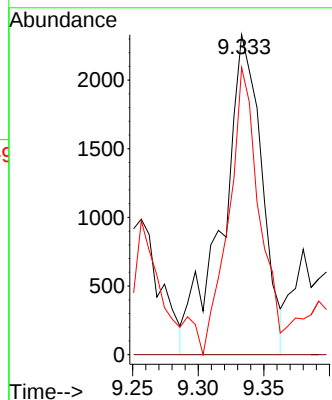
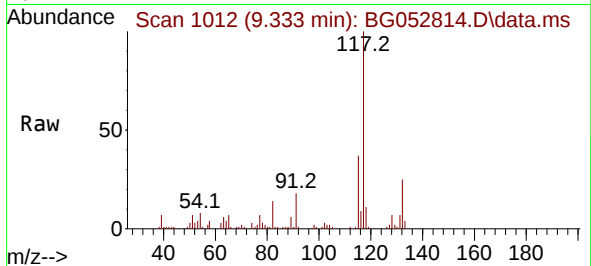




#24
Nitrobenzene
Concen: 2.096 ng
RT: 9.333 min Scan# 1108
Delta R.T. -0.011 min
Lab File: BG052814.D
Acq: 24 Mar 2022 18:22

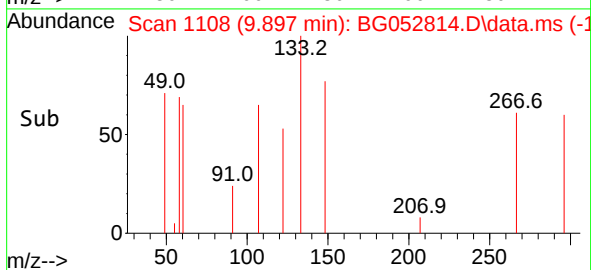
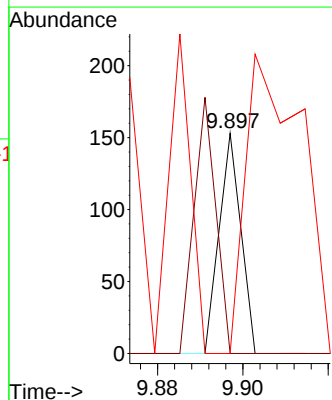
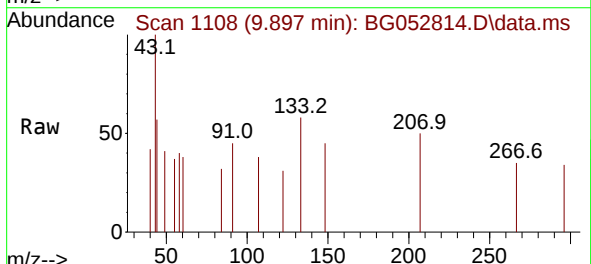
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ClientSampleId :
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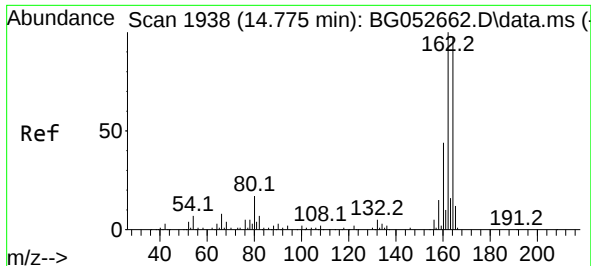
Tgt Ion: 77 Resp: 4843
Ion Ratio Lower Upper
77 100
123 0.0 34.4 51.6#
65 89.7 11.2 16.8#



#32
Benzoic acid
Concen: 5.712 ng
RT: 9.897 min Scan# 1108
Delta R.T. -0.340 min
Lab File: BG052814.D
Acq: 24 Mar 2022 18:22

Tgt Ion: 122 Resp: 54
Ion Ratio Lower Upper
122 100
105 0.0 112.8 152.8#
77 0.0 78.4 118.4#

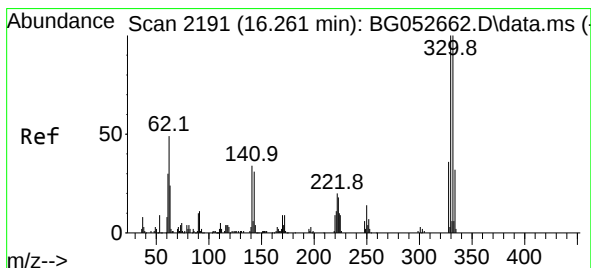
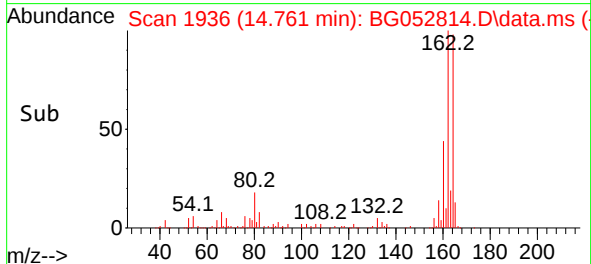
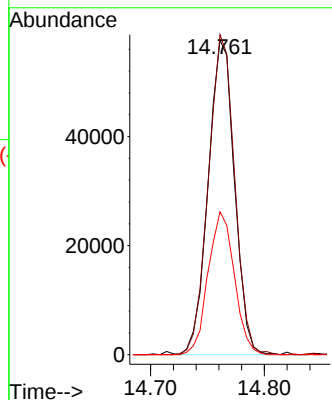
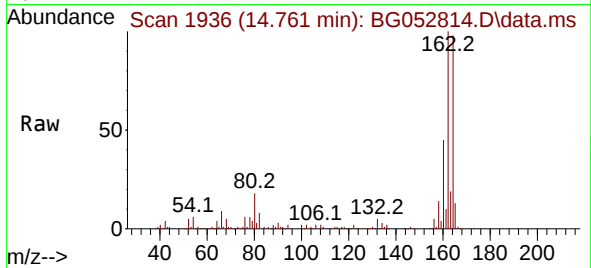




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.761 min Scan# 1936
Delta R.T. -0.006 min
Lab File: BG052814.D
Acq: 24 Mar 2022 18:22

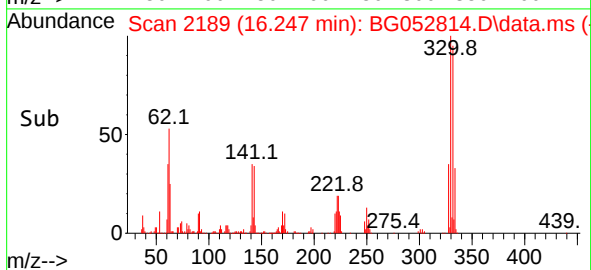
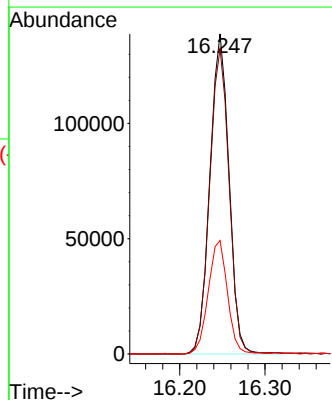
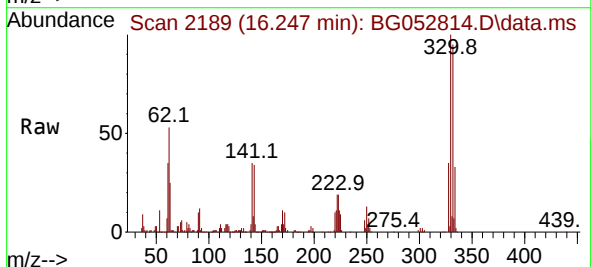
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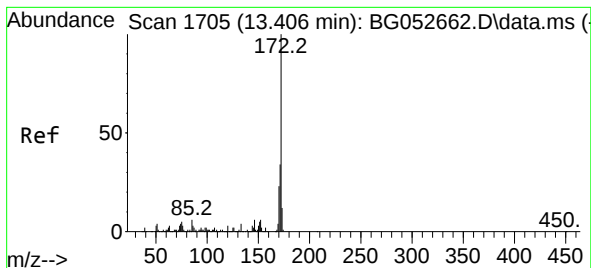
Tgt Ion:164 Resp: 92534
Ion Ratio Lower Upper
164 100
162 101.7 80.0 120.0
160 45.4 38.8 58.2



#42
2,4,6-Tribromophenol
Concen: 173.878 ng
RT: 16.247 min Scan# 2189
Delta R.T. 0.000 min
Lab File: BG052814.D
Acq: 24 Mar 2022 18:22

Tgt Ion:330 Resp: 216201
Ion Ratio Lower Upper
330 100
332 96.4 75.8 113.6
141 35.7 24.6 36.8

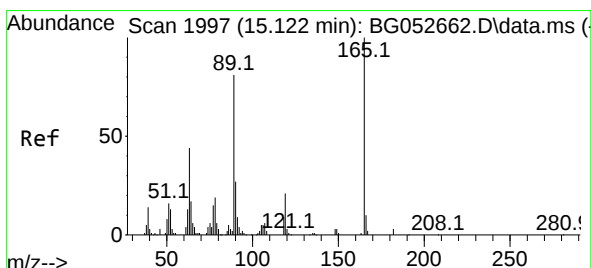
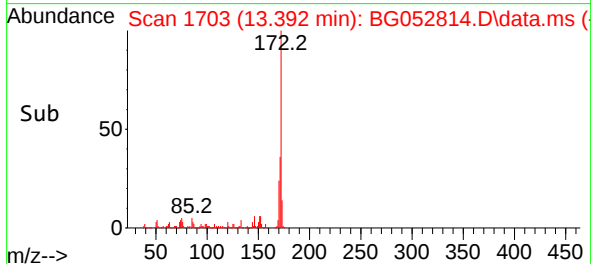
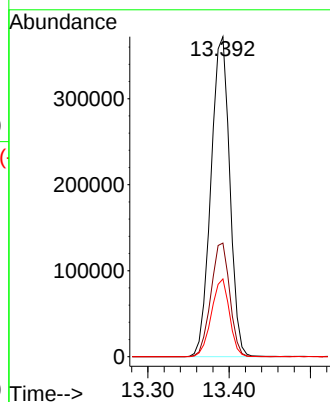
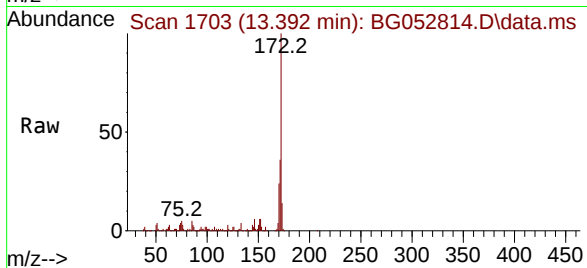




#45
2-Fluorobiphenyl
Concen: 95.155 ng
RT: 13.392 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG052814.D
Acq: 24 Mar 2022 18:22

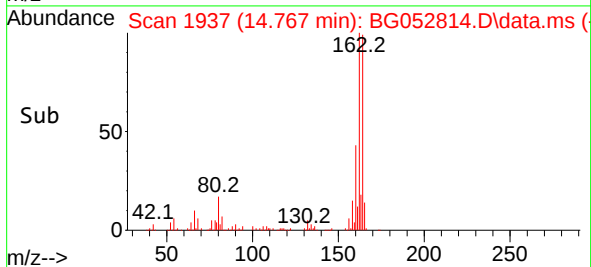
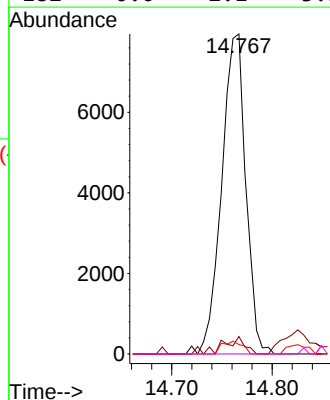
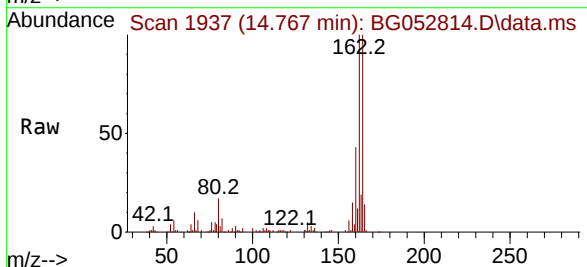
Instrument :
BNA_G
ClientSampleId :
MW-50

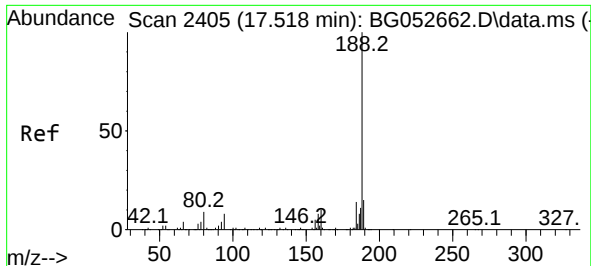
Tgt Ion:172 Resp: 597015
Ion Ratio Lower Upper
172 100
171 35.5 28.3 42.5
170 24.3 18.0 27.0



#57
2,4-Dinitrotoluene
Concen: 8.247 ng
RT: 14.767 min Scan# 1937
Delta R.T. -0.346 min
Lab File: BG052814.D
Acq: 24 Mar 2022 18:22

Tgt Ion:165 Resp: 13287
Ion Ratio Lower Upper
165 100
63 5.5 34.8 52.2#
89 2.9 57.4 86.0#
182 0.0 2.1 3.1#

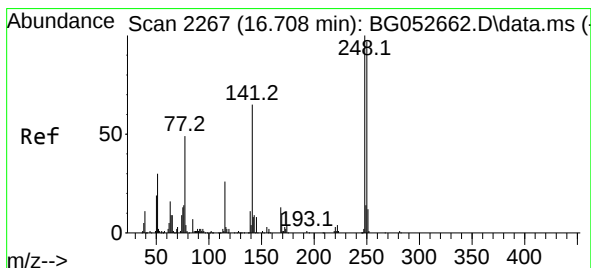
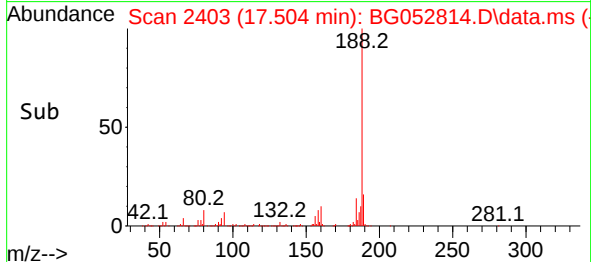
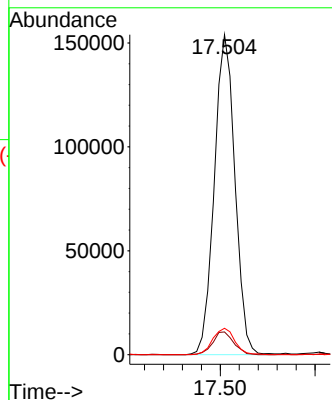
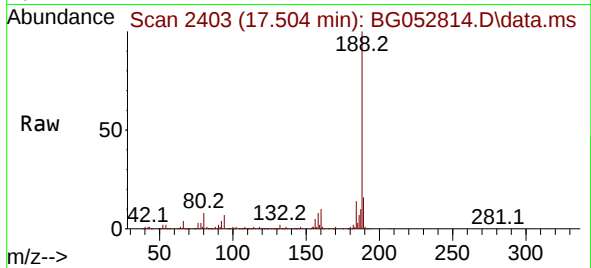




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.504 min Scan# 24
Delta R.T. 0.000 min
Lab File: BG052814.D
Acq: 24 Mar 2022 18:22

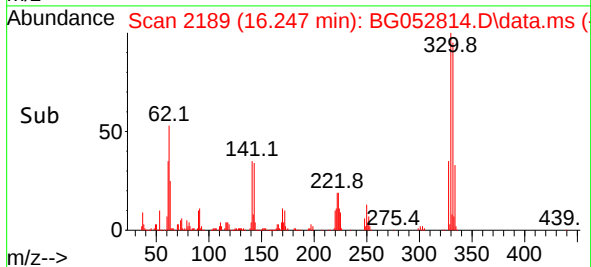
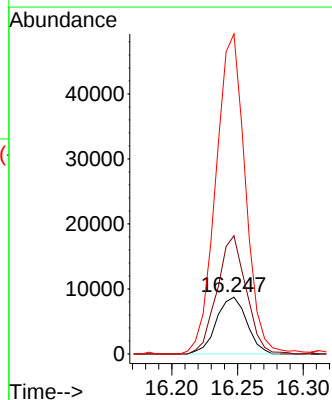
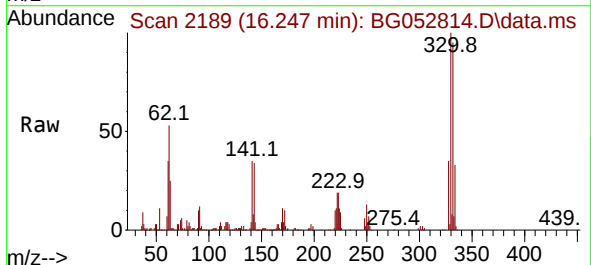
Instrument :
BNA_G
ClientSampleId :
MW-50

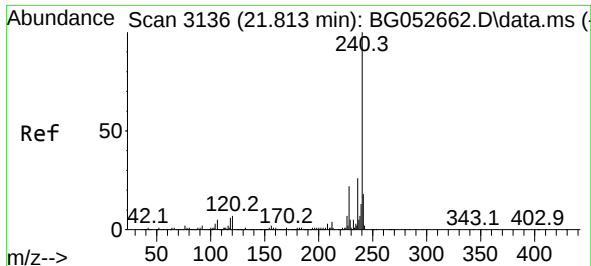
Tgt Ion:188 Resp: 233227
Ion Ratio Lower Upper
188 100
94 7.1 5.7 8.5
80 8.2 7.2 10.8



#67
4-Bromophenyl-phenylether
Concen: 5.020 ng
RT: 16.247 min Scan# 2189
Delta R.T. -0.446 min
Lab File: BG052814.D
Acq: 24 Mar 2022 18:22

Tgt Ion:248 Resp: 14115
Ion Ratio Lower Upper
248 100
250 208.2 77.9 116.9#
141 563.4 49.2 73.8#

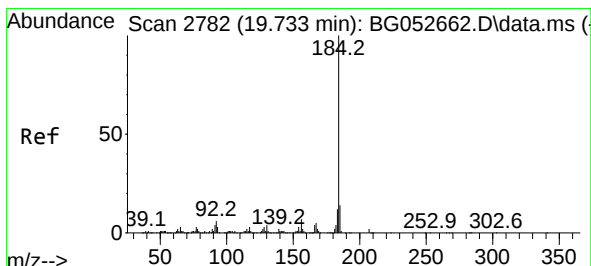
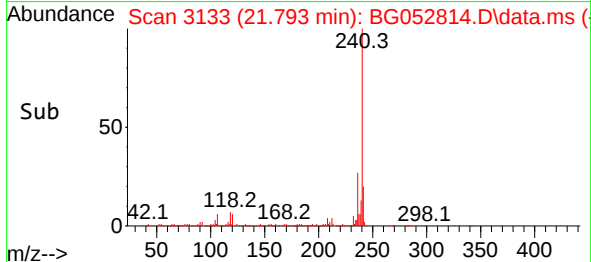
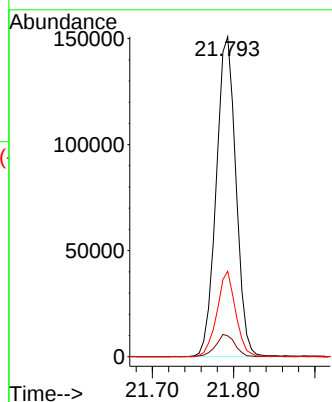
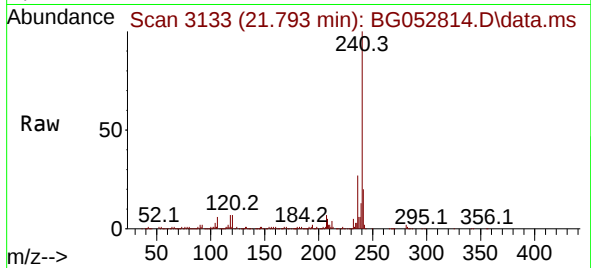




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.793 min Scan# 31
Delta R.T. -0.006 min
Lab File: BG052814.D
Acq: 24 Mar 2022 18:22

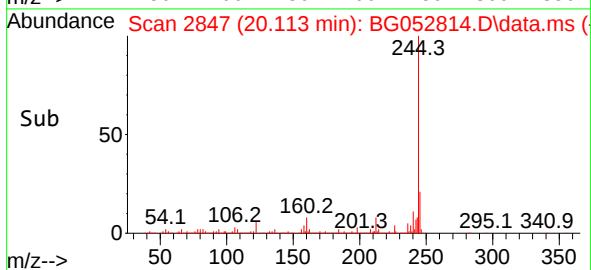
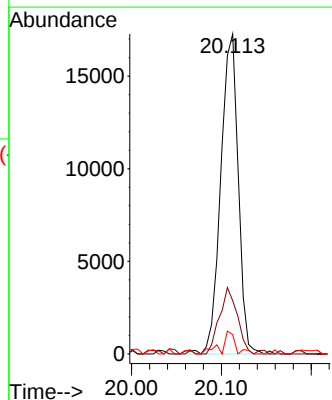
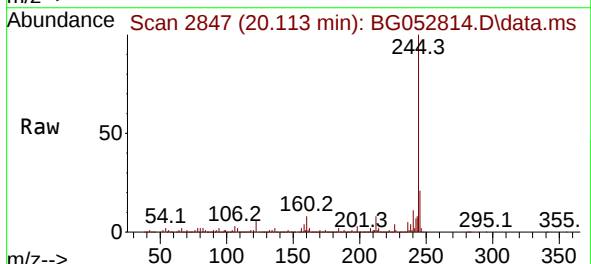
Instrument :
BNA_G
ClientSampleId :
MW-50

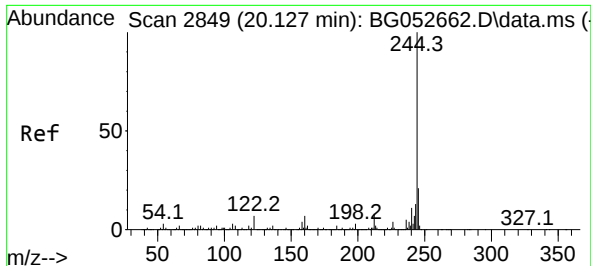
Tgt Ion:240 Resp: 254407
Ion Ratio Lower Upper
240 100
120 6.5 5.4 8.0
236 26.7 19.8 29.6



#77
Benzidine
Concen: 3.576 ng
RT: 20.113 min Scan# 2847
Delta R.T. 0.388 min
Lab File: BG052814.D
Acq: 24 Mar 2022 18:22

Tgt Ion:184 Resp: 23462
Ion Ratio Lower Upper
184 100
185 16.7 11.5 17.3
183 6.1 9.4 14.2#

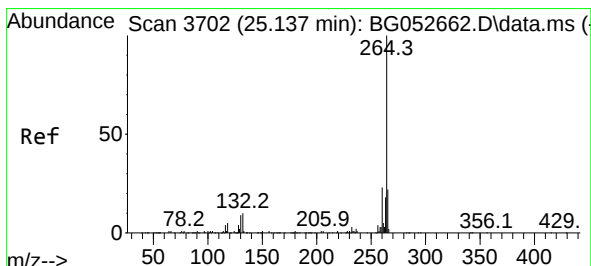
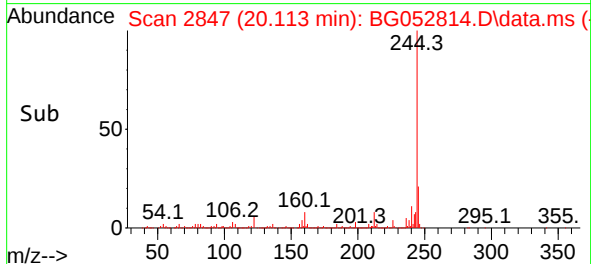
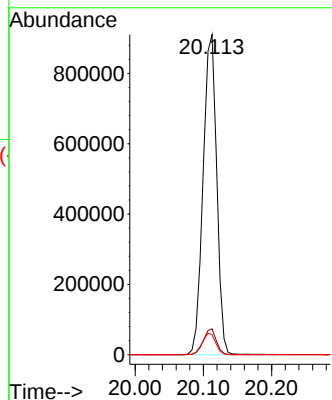
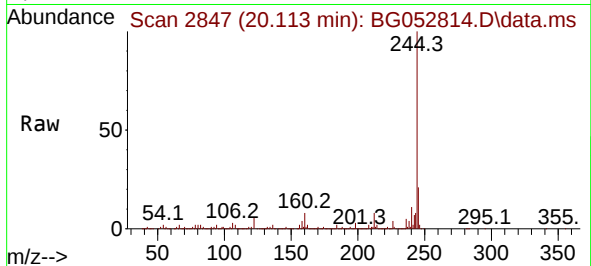




#79
 Terphenyl-d14
 Concen: 88.310 ng
 RT: 20.113 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BG052814.D
 Acq: 24 Mar 2022 18:22

Instrument :
 BNA_G
 ClientSampleId :
 MW-50

Tgt Ion:244 Resp: 1262997
 Ion Ratio Lower Upper
 244 100
 212 8.1 5.4 8.2
 122 6.3 5.8 8.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.106 min Scan# 3697
 Delta R.T. -0.006 min
 Lab File: BG052814.D
 Acq: 24 Mar 2022 18:22

Tgt Ion:264 Resp: 267691
 Ion Ratio Lower Upper
 264 100
 260 24.6 18.2 27.2
 265 21.4 15.1 22.7

