

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042022\
 Data File : BG053214.D
 Acq On : 20 Apr 2022 13:59
 Operator : CG/JU
 Sample : N2452-10RE
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-15-1-4

Quant Time: Apr 20 14:41:49 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 08 15:31:24 2022
 Response via : Initial Calibration

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

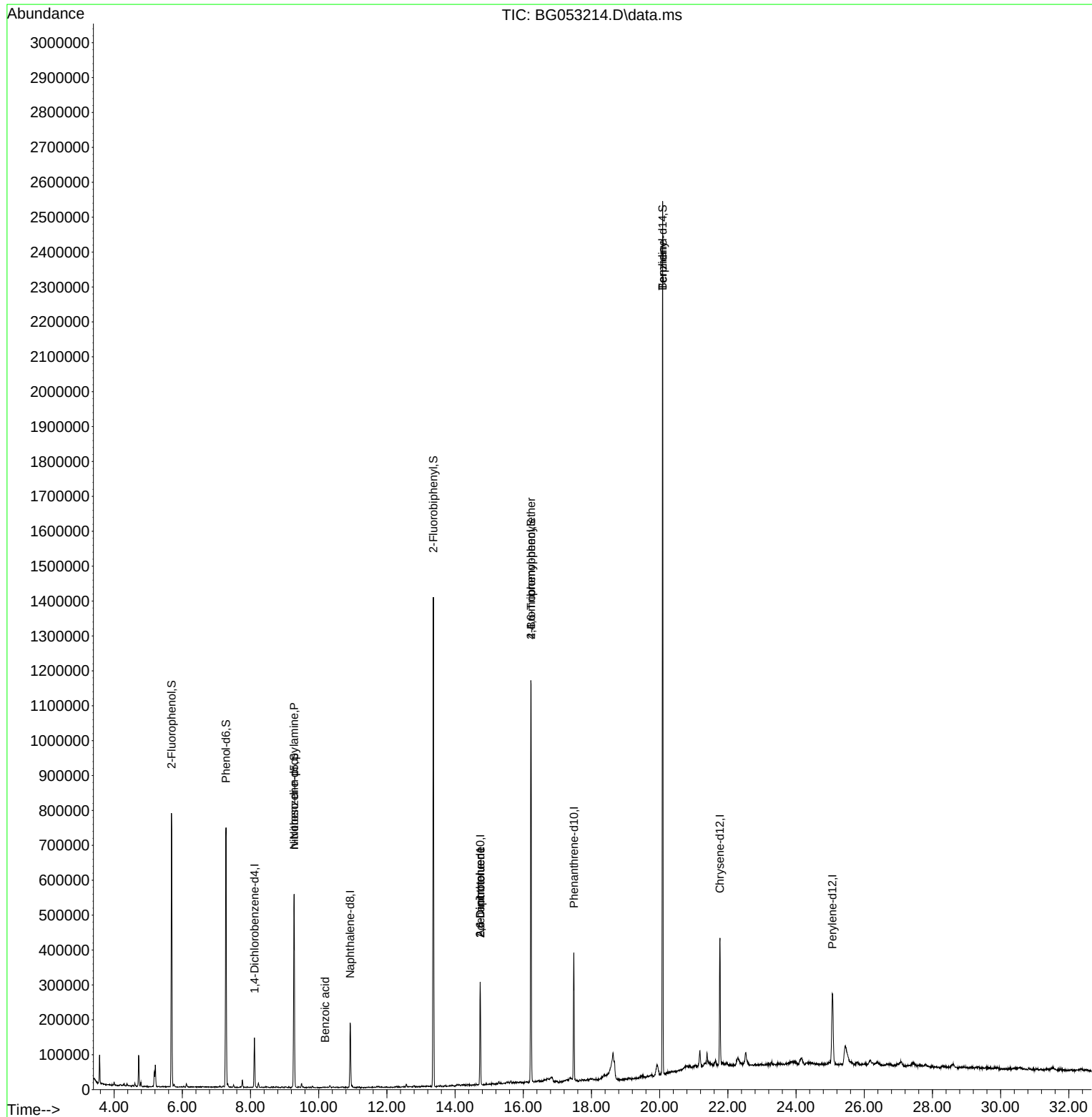
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.116	152	39659	20.000	ng	0.00
21) Naphthalene-d8	10.924	136	151925	20.000	ng	-0.01
39) Acenaphthene-d10	14.737	164	106674	20.000	ng	-0.01
64) Phenanthrene-d10	17.486	188	238065	20.000	ng	0.00
76) Chrysene-d12	21.769	240	232335	20.000	ng	0.00
86) Perylene-d12	25.064	264	232470	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.684	112	320263	138.427	ng	0.00
7) Phenol-d6	7.282	99	422479	118.415	ng	0.00
23) Nitrobenzene-d5	9.280	82	349805	93.489	ng	0.00
42) 2,4,6-Tribromophenol	16.229	330	232928	137.247	ng	0.00
45) 2-Fluorobiphenyl	13.362	172	725114	93.731	ng	0.00
79) Terphenyl-d14	20.088	244	1200557	87.272	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.280	70	50563	19.358	ng	# 78
32) Benzoic acid	10.190	122	81	3.682	ng	# 56
51) 2,6-Dinitrotoluene	14.737	165	14783	8.305	ng	# 28
57) 2,4-Dinitrotoluene	14.737	165	14783	5.834	ng	# 26
67) 4-Bromophenyl-phenylether	16.229	248	16109	5.281	ng	# 1
77) Benzidine	20.088	184	20771	3.133	ng	# 92

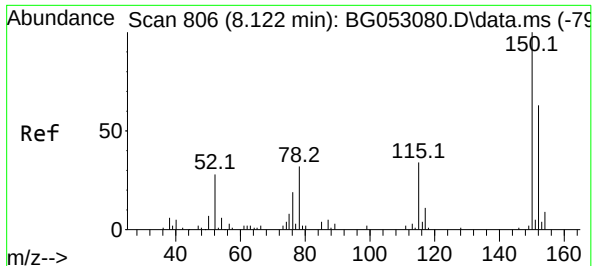
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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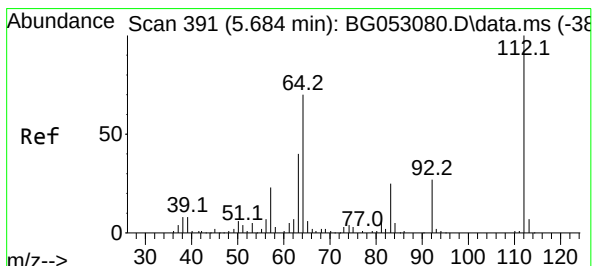
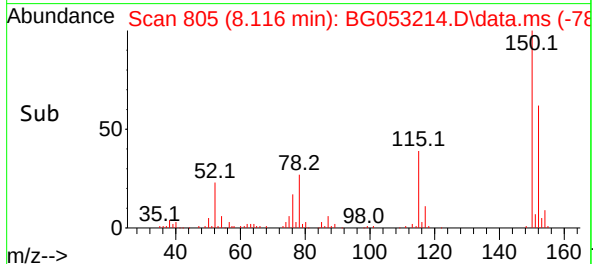
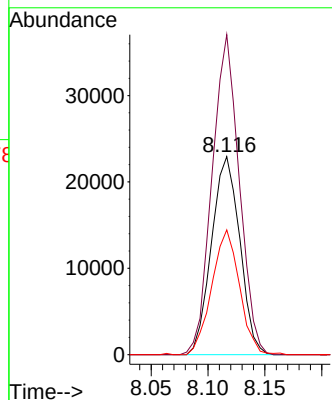
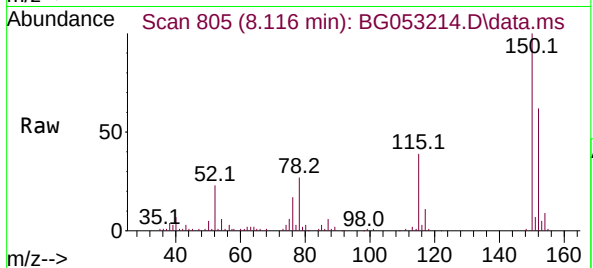




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.116 min Scan# 806
Delta R.T. -0.006 min
Lab File: BG053214.D
Acq: 20 Apr 2022 13:59

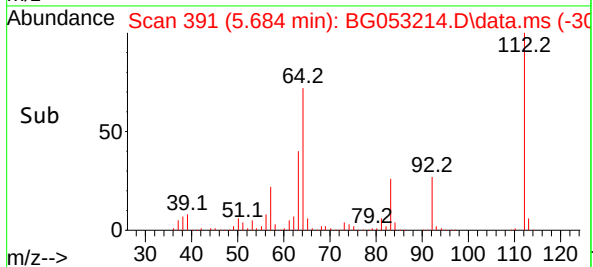
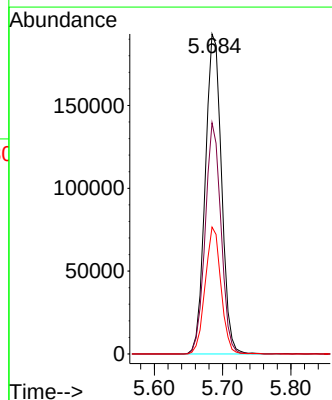
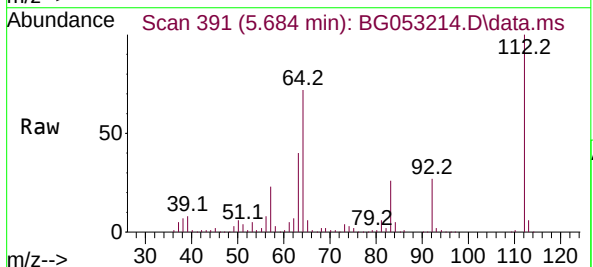
Instrument :
BNA_G
ClientSampleId :
WC-15-1-4

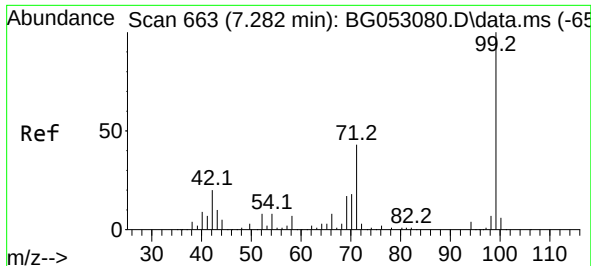
Tgt Ion:152 Resp: 39659
Ion Ratio Lower Upper
152 100
150 161.6 114.6 172.0
115 63.0 45.9 68.9



#5
2-Fluorophenol
Concen: 138.427 ng
RT: 5.684 min Scan# 391
Delta R.T. 0.000 min
Lab File: BG053214.D
Acq: 20 Apr 2022 13:59

Tgt Ion:112 Resp: 320263
Ion Ratio Lower Upper
112 100
64 72.3 48.0 72.0#
63 39.6 26.5 39.7

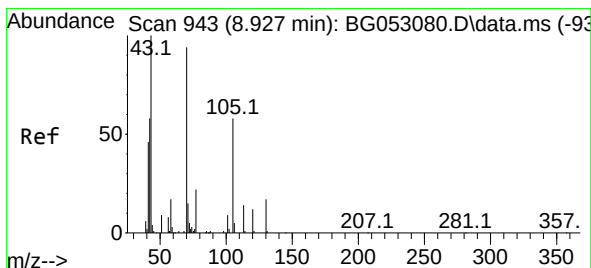
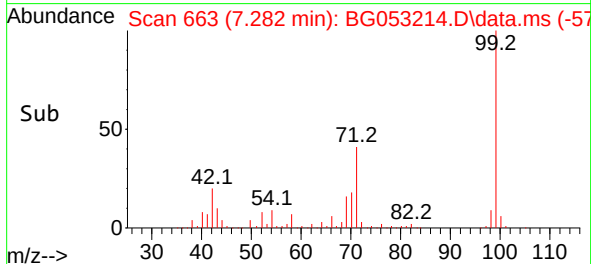
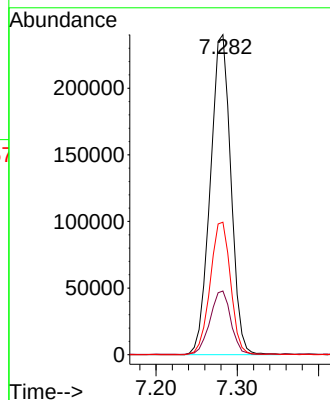
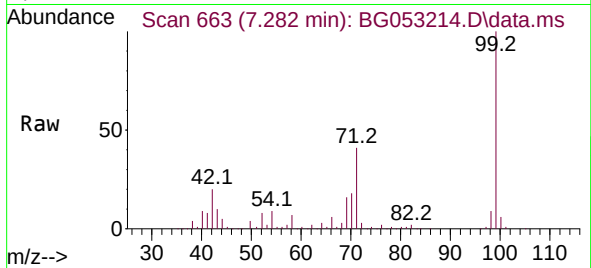




#7
Phenol-d6
Concen: 118.415 ng
RT: 7.282 min Scan# 60
Delta R.T. 0.000 min
Lab File: BG053214.D
Acq: 20 Apr 2022 13:59

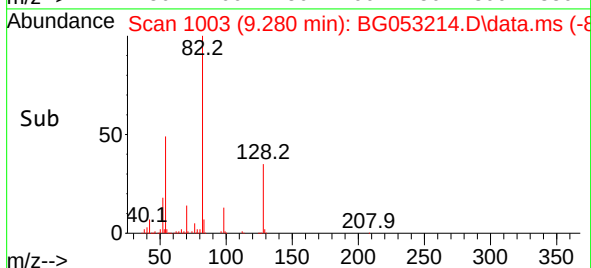
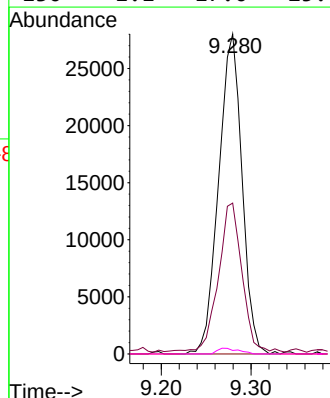
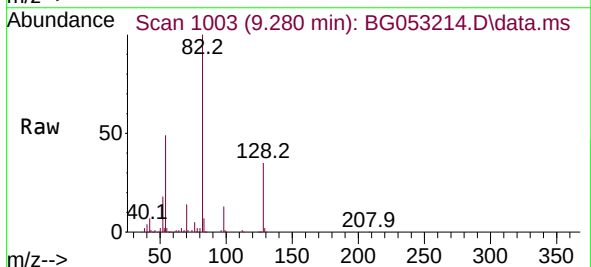
Instrument :
BNA_G
ClientSampleId :
WC-15-1-4

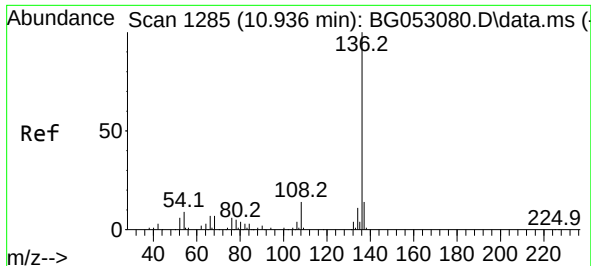
Tgt Ion: 99 Resp: 422479
Ion Ratio Lower Upper
99 100
42 19.9 14.7 22.1
71 41.4 29.2 43.8



#19
n-Nitroso-di-n-propylamine
Concen: 19.358 ng
RT: 9.280 min Scan# 1003
Delta R.T. 0.353 min
Lab File: BG053214.D
Acq: 20 Apr 2022 13:59

Tgt Ion: 70 Resp: 50563
Ion Ratio Lower Upper
70 100
42 47.2 46.0 69.0
101 0.0 6.2 9.4#
130 1.1 17.0 25.4#

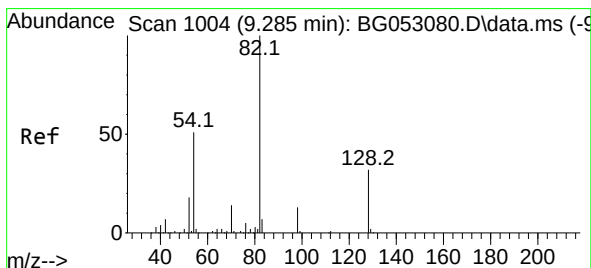
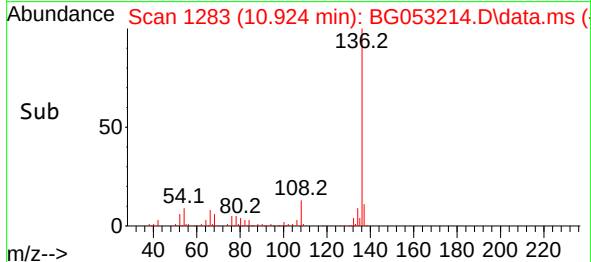
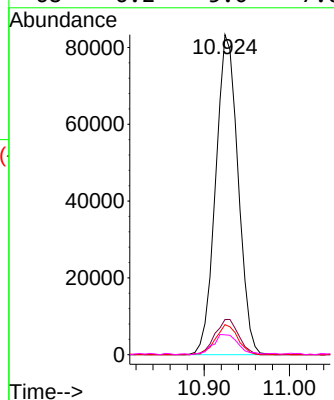
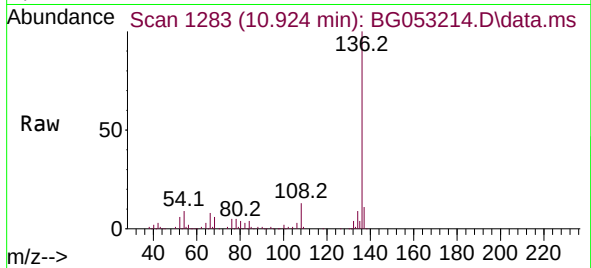




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.924 min Scan# 11
Delta R.T. -0.012 min
Lab File: BG053214.D
Acq: 20 Apr 2022 13:59

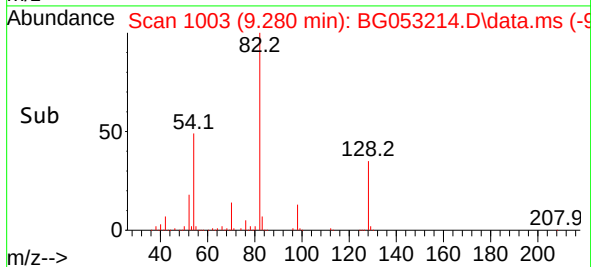
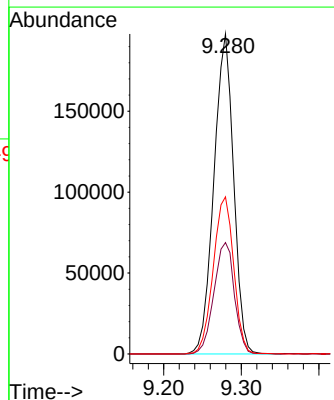
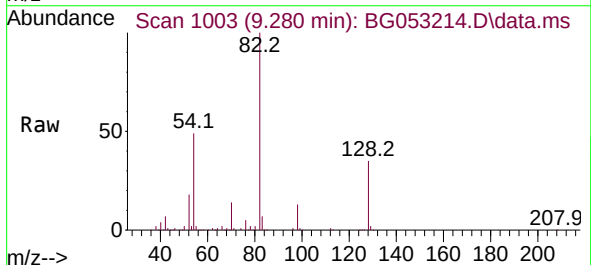
Instrument :
BNA_G
ClientSampleId :
WC-15-1-4

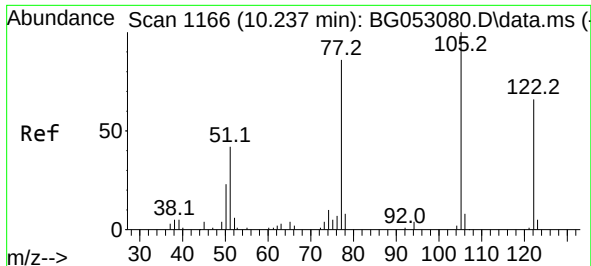
Tgt Ion:136	Resp:	151925
Ion Ratio	Lower	Upper
136	100	
137	11.0	9.4 14.2
54	9.4	6.4 9.6
68	6.2	5.0 7.6



#23
Nitrobenzene-d5
Concen: 93.489 ng
RT: 9.280 min Scan# 1003
Delta R.T. -0.005 min
Lab File: BG053214.D
Acq: 20 Apr 2022 13:59

Tgt Ion: 82	Resp:	349805
Ion Ratio	Lower	Upper
82	100	
128	34.8	31.3 46.9
54	49.1	37.8 56.8

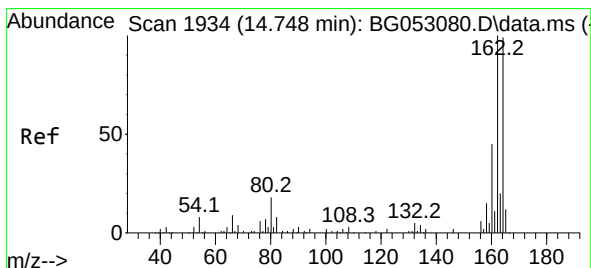
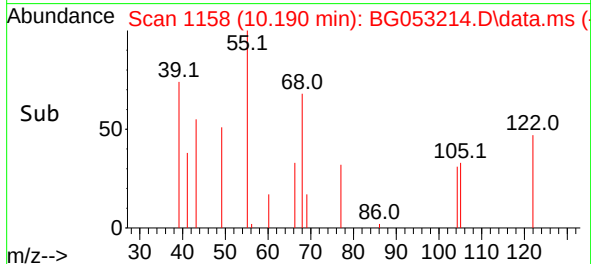
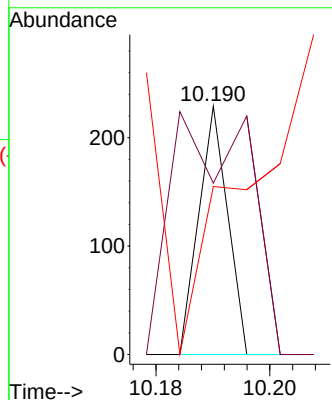
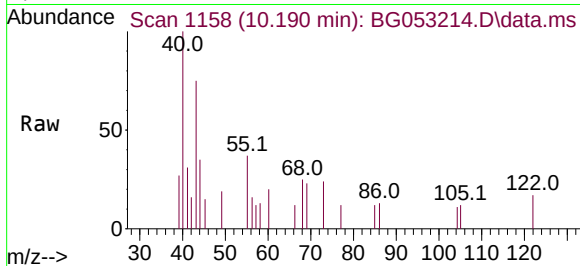




#32
Benzoic acid
Concen: 3.682 ng
RT: 10.190 min Scan# 1166
Delta R.T. -0.047 min
Lab File: BG053214.D
Acq: 20 Apr 2022 13:59

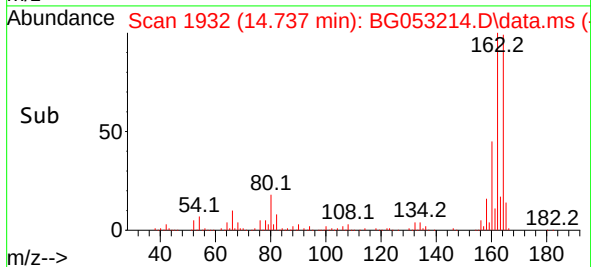
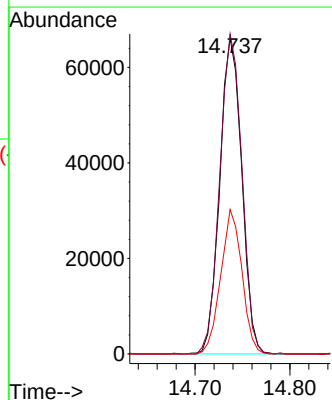
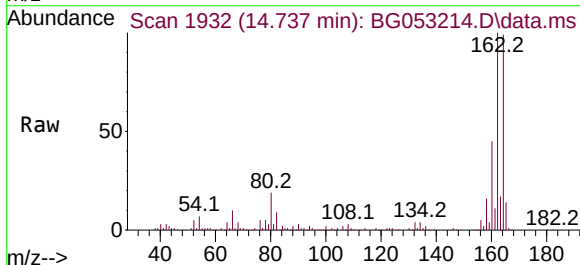
Instrument :
BNA_G
ClientSampleId :
WC-15-1-4

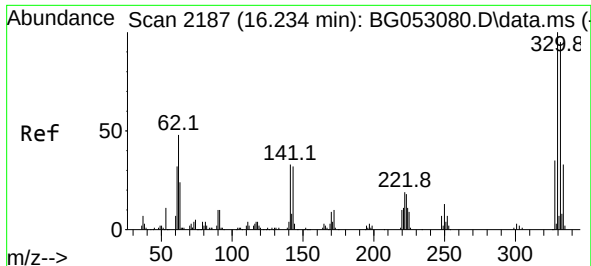
Tgt Ion:122 Resp: 81
Ion Ratio Lower Upper
122 100
105 69.0 112.8 152.8#
77 67.7 78.4 118.4#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.737 min Scan# 1932
Delta R.T. -0.011 min
Lab File: BG053214.D
Acq: 20 Apr 2022 13:59

Tgt Ion:164 Resp: 106674
Ion Ratio Lower Upper
164 100
162 101.3 80.0 120.0
160 45.7 38.8 58.2





#42

2,4,6-Tribromophenol

Concen: 137.247 ng

RT: 16.229 min Scan# 21

Delta R.T. -0.005 min

Lab File: BG053214.D

Acq: 20 Apr 2022 13:59

Instrument :

BNA_G

ClientSampleId :

WC-15-1-4

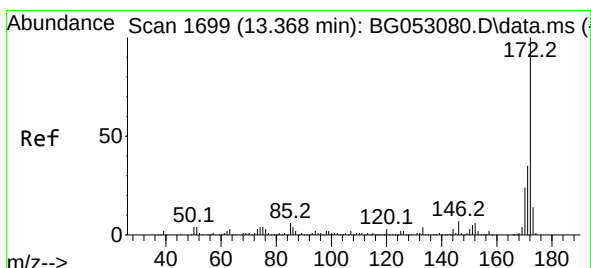
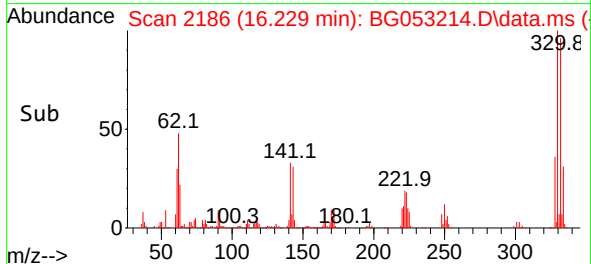
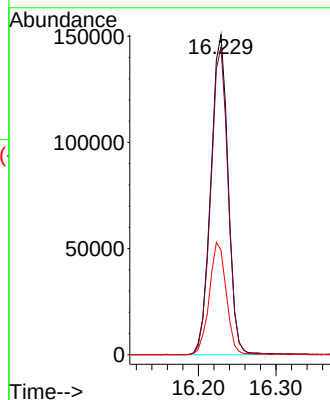
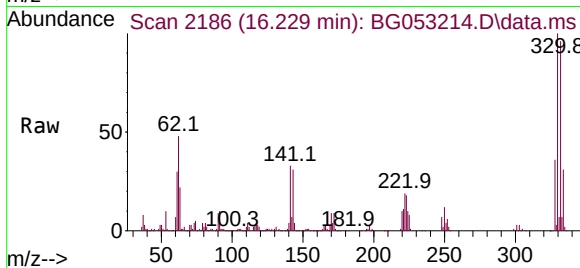
Tgt Ion:330 Resp: 232928

Ion Ratio Lower Upper

330 100

332 95.6 75.8 113.6

141 34.5 24.6 36.8



#45

2-Fluorobiphenyl

Concen: 93.731 ng

RT: 13.362 min Scan# 1698

Delta R.T. -0.005 min

Lab File: BG053214.D

Acq: 20 Apr 2022 13:59

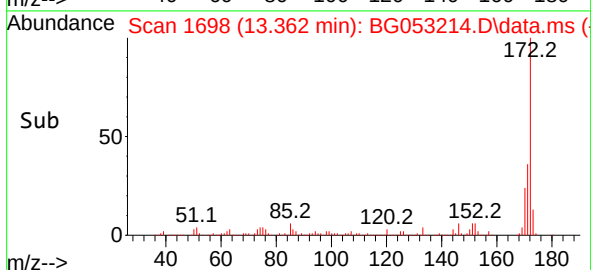
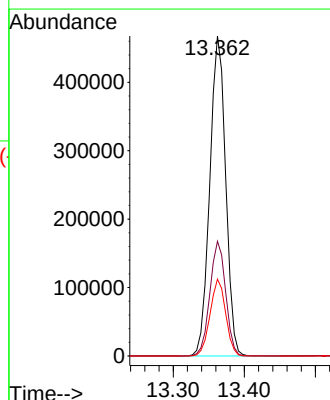
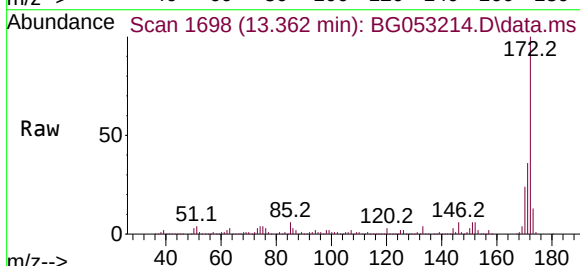
Tgt Ion:172 Resp: 725114

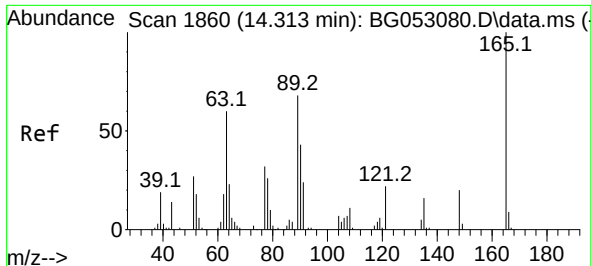
Ion Ratio Lower Upper

172 100

171 35.9 28.3 42.5

170 24.0 18.0 27.0





#51

2,6-Dinitrotoluene

Concen: 8.305 ng

RT: 14.737 min Scan# 1932

Delta R.T. 0.423 min

Lab File: BG053214.D

Acq: 20 Apr 2022 13:59

Instrument :

BNA_G

ClientSampleId :

WC-15-1-4

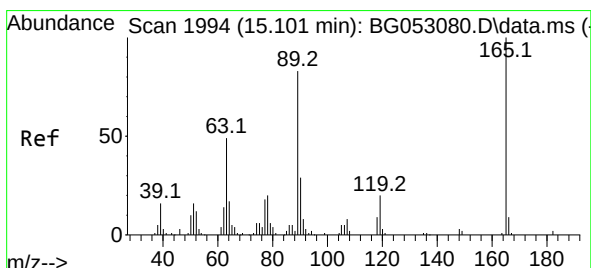
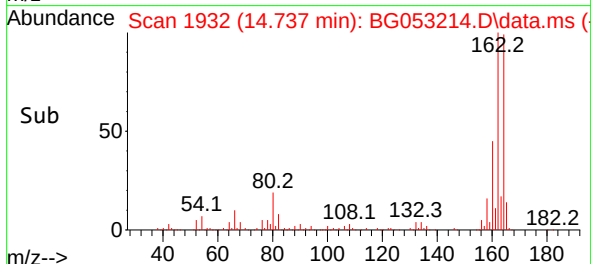
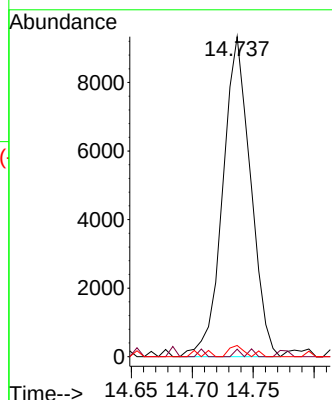
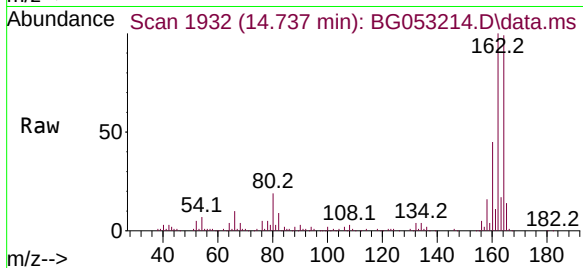
Tgt Ion:165 Resp: 14783

Ion Ratio Lower Upper

165 100

63 2.4 43.7 65.5#

89 3.5 45.0 67.4#



#57

2,4-Dinitrotoluene

Concen: 5.834 ng

RT: 14.737 min Scan# 1932

Delta R.T. -0.364 min

Lab File: BG053214.D

Acq: 20 Apr 2022 13:59

Tgt Ion:165 Resp: 14783

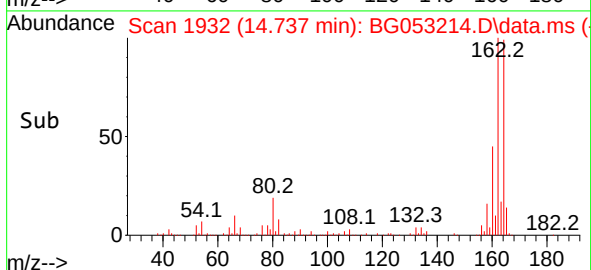
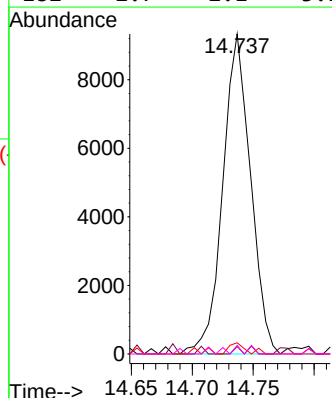
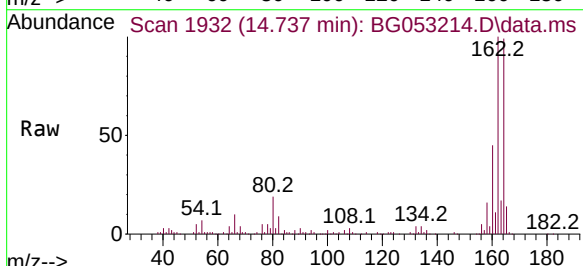
Ion Ratio Lower Upper

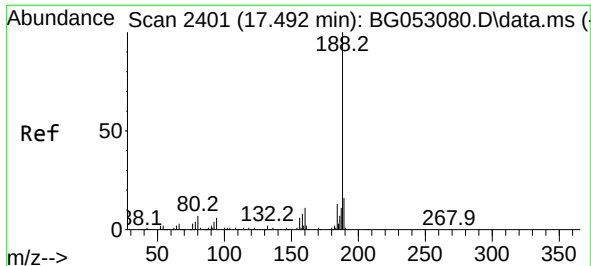
165 100

63 2.4 34.8 52.2#

89 3.5 57.4 86.0#

182 2.7 2.1 3.1

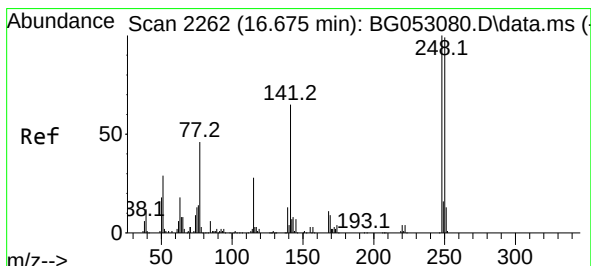
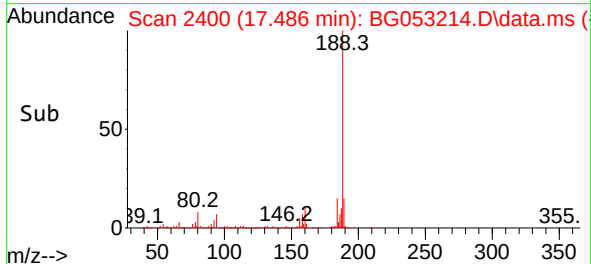
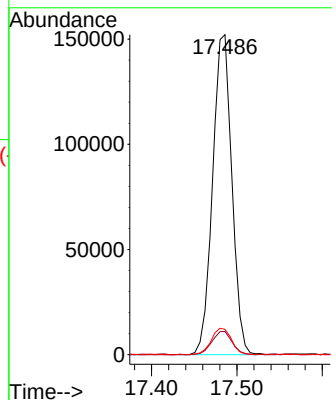
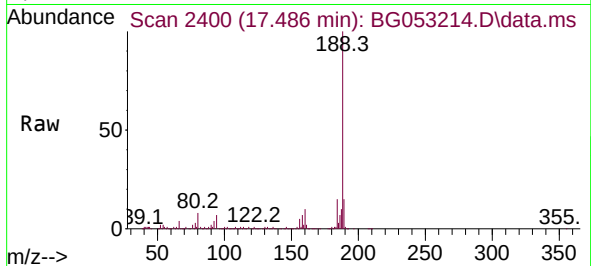




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.486 min Scan# 2401
Delta R.T. -0.005 min
Lab File: BG053214.D
Acq: 20 Apr 2022 13:59

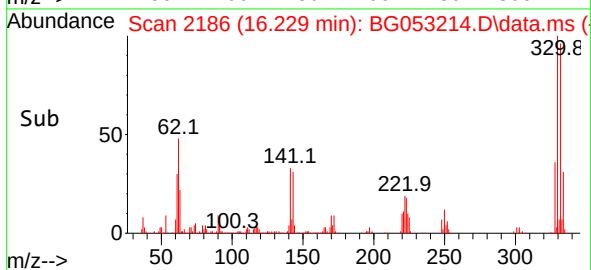
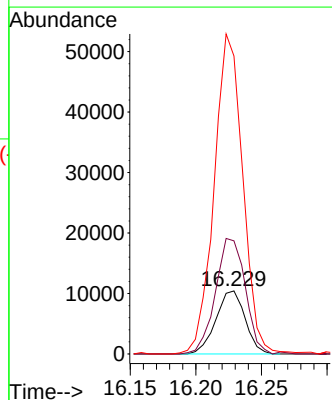
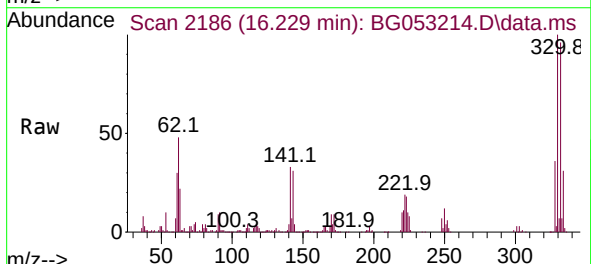
Instrument :
BNA_G
ClientSampleId :
WC-15-1-4

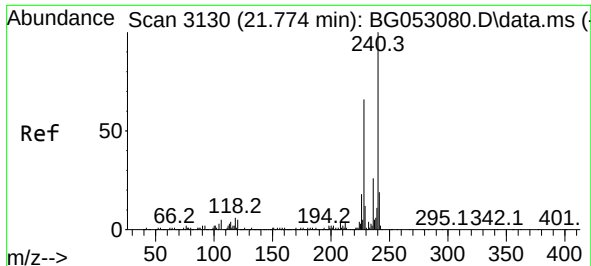
Tgt Ion:188 Resp: 238065
Ion Ratio Lower Upper
188 100
94 7.3 5.7 8.5
80 7.9 7.2 10.8



#67
4-Bromophenyl-phenylether
Concen: 5.281 ng
RT: 16.229 min Scan# 2186
Delta R.T. -0.446 min
Lab File: BG053214.D
Acq: 20 Apr 2022 13:59

Tgt Ion:248 Resp: 16109
Ion Ratio Lower Upper
248 100
250 179.5 77.9 116.9#
141 472.7 49.2 73.8#

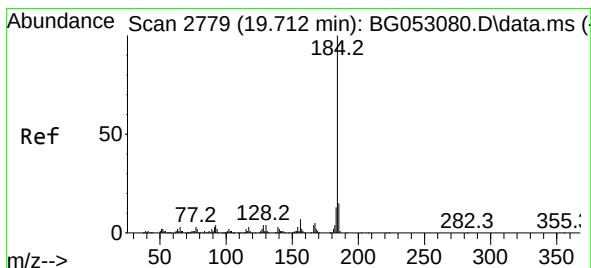
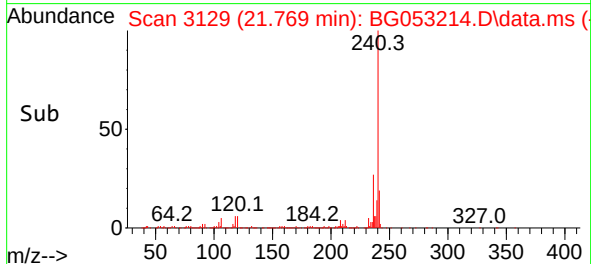
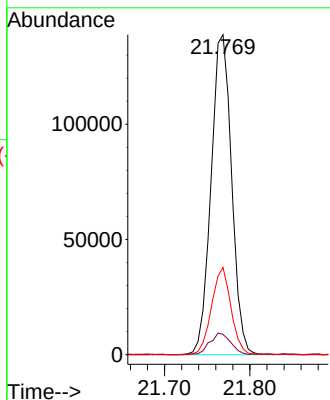
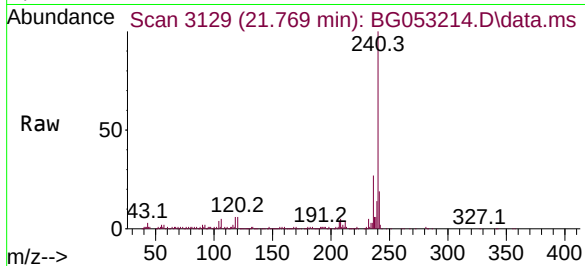




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.769 min Scan# 31
Delta R.T. -0.005 min
Lab File: BG053214.D
Acq: 20 Apr 2022 13:59

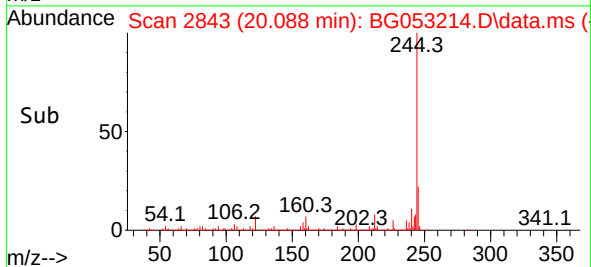
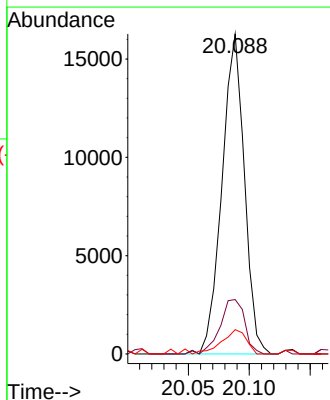
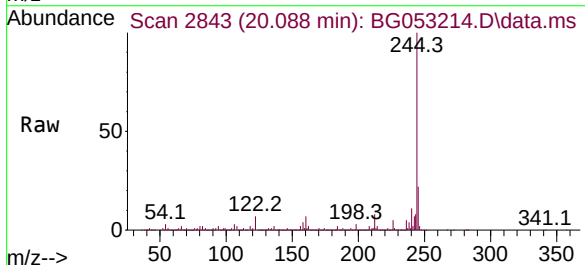
Instrument :
BNA_G
ClientSampleId :
WC-15-1-4

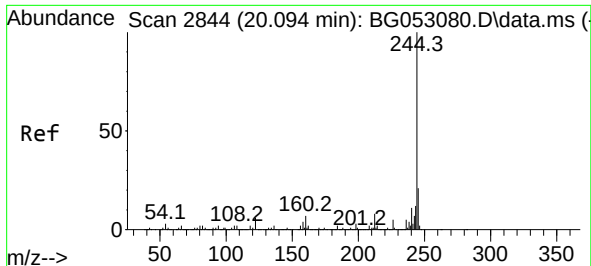
Tgt Ion:240 Resp: 232335
Ion Ratio Lower Upper
240 100
120 6.3 5.4 8.0
236 27.3 19.8 29.6



#77
Benzidine
Concen: 3.133 ng
RT: 20.088 min Scan# 2843
Delta R.T. 0.376 min
Lab File: BG053214.D
Acq: 20 Apr 2022 13:59

Tgt Ion:184 Resp: 20771
Ion Ratio Lower Upper
184 100
185 17.0 11.5 17.3
183 7.6 9.4 14.2#

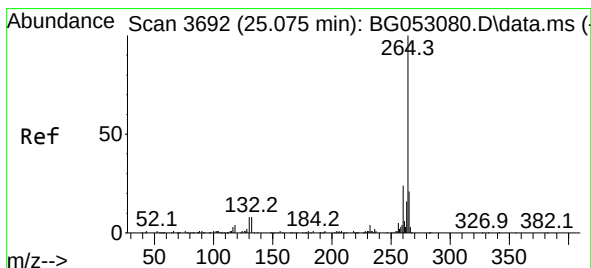
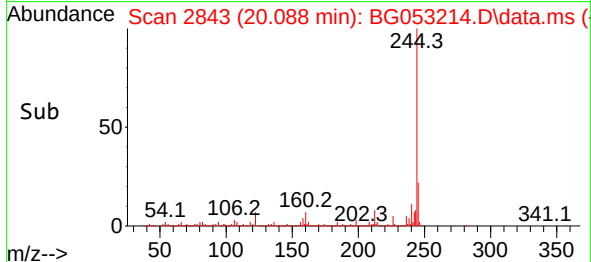
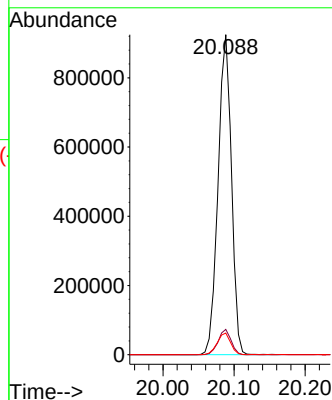
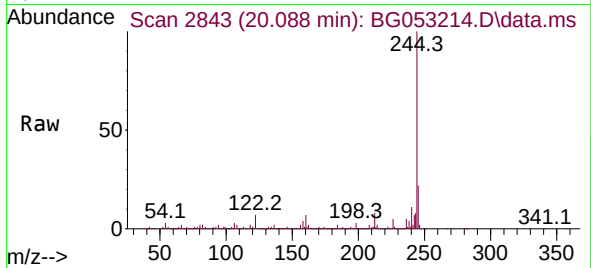




#79
 Terphenyl-d14
 Concen: 87.272 ng
 RT: 20.088 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BG053214.D
 Acq: 20 Apr 2022 13:59

Instrument :
 BNA_G
 ClientSampleId :
 WC-15-1-4

Tgt Ion:244 Resp: 1200557
 Ion Ratio Lower Upper
 244 100
 212 7.9 5.4 8.2
 122 6.7 5.8 8.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.064 min Scan# 3690
 Delta R.T. -0.011 min
 Lab File: BG053214.D
 Acq: 20 Apr 2022 13:59

Tgt Ion:264 Resp: 232470
 Ion Ratio Lower Upper
 264 100
 260 20.3 18.2 27.2
 265 20.2 15.1 22.7

