

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042122\
 Data File : BG053238.D
 Acq On : 21 Apr 2022 12:53
 Operator : CG/JU
 Sample : N2480-04
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-16-1A-1

Quant Time: Apr 22 02:56:09 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)

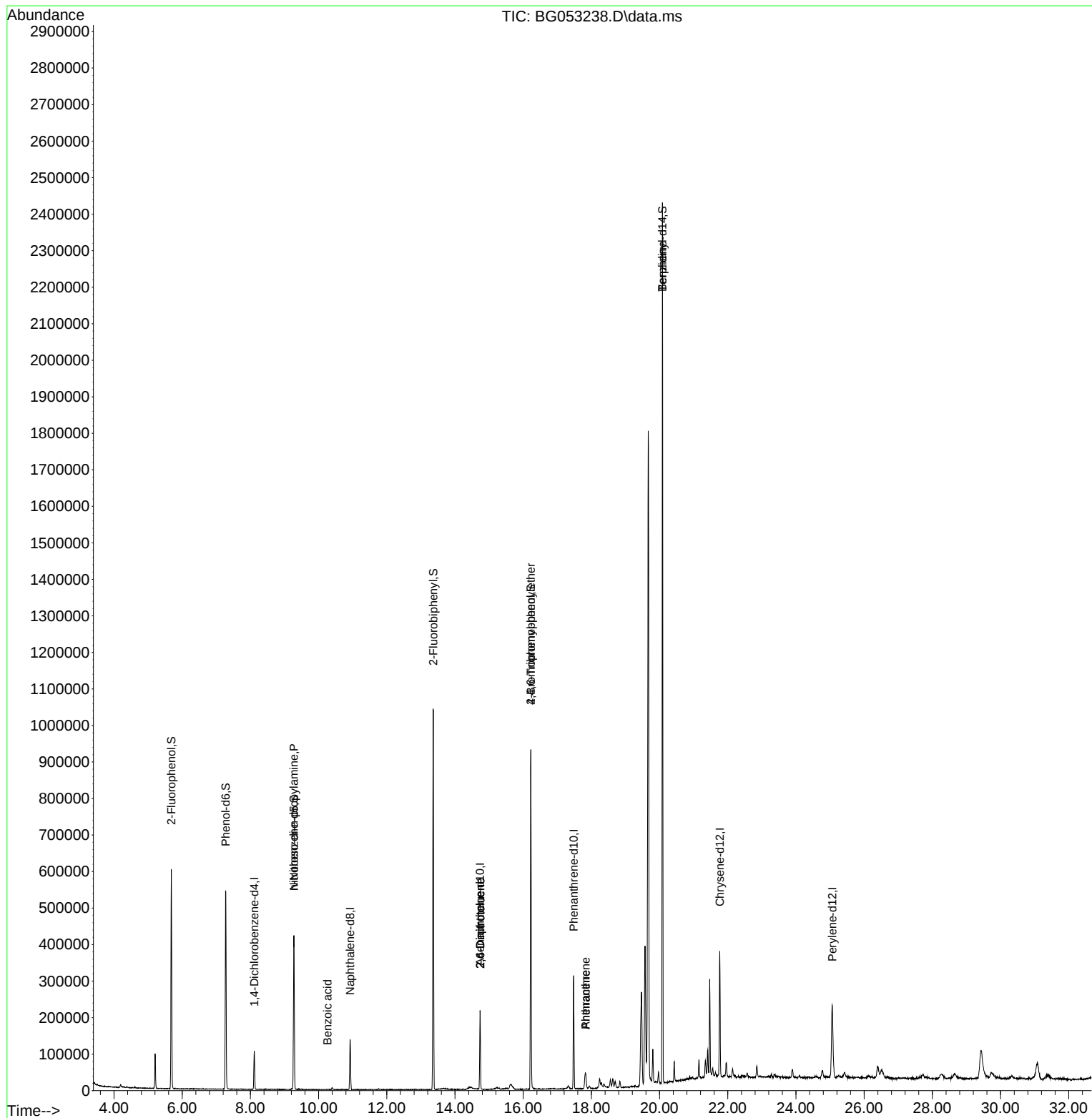
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.111	152	29176	20.000	ng	-0.01
21) Naphthalene-d8	10.925	136	111806	20.000	ng	-0.01
39) Acenaphthene-d10	14.732	164	78292	20.000	ng	-0.02
64) Phenanthrene-d10	17.481	188	198670	20.000	ng	-0.01
76) Chrysene-d12	21.763	240	219385	20.000	ng	-0.01
86) Perylene-d12	25.065	264	222581	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.679	112	243049	142.799	ng	0.00
7) Phenol-d6	7.271	99	313810	119.560	ng	-0.01
23) Nitrobenzene-d5	9.274	82	263895	95.836	ng	-0.01
42) 2,4,6-Tribromophenol	16.224	330	190293	152.773	ng	-0.01
45) 2-Fluorobiphenyl	13.363	172	576943	101.613	ng	0.00
79) Terphenyl-d14	20.083	244	1159686	89.277	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.274	70	37345	19.435	ng	# 80
32) Benzoic acid	10.261	122	76	3.697	ng	# 1
51) 2,6-Dinitrotoluene	14.738	165	10442	7.993	ng	# 24
57) 2,4-Dinitrotoluene	14.738	165	10442	5.614	ng	# 22
67) 4-Bromophenyl-phenylether	16.224	248	12783	5.021	ng	# 1
71) Phenanthrene	17.833	178	42244	3.893	ng	# 73
72) Anthracene	17.833	178	42244	3.929	ng	# 75
77) Benzidine	20.083	184	19960	3.189	ng	# 94

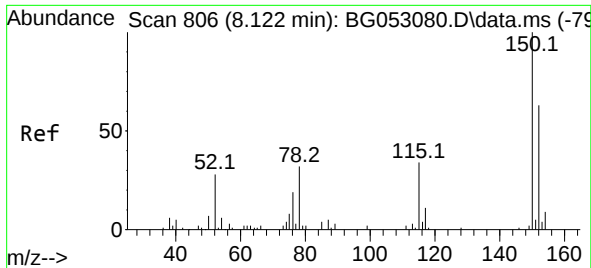
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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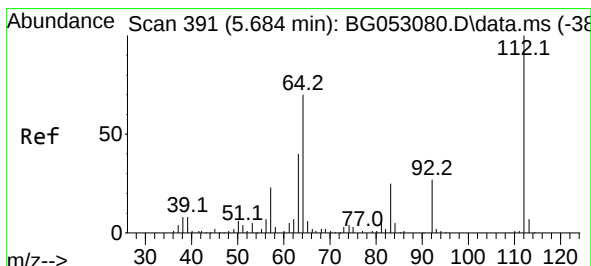
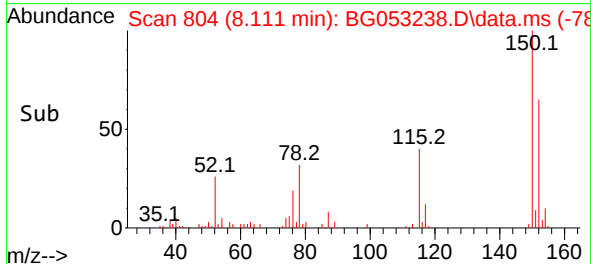
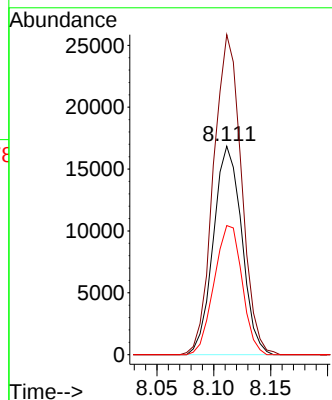
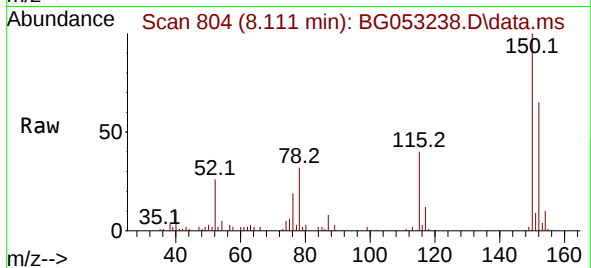




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.111 min Scan# 806
Delta R.T. -0.011 min
Lab File: BG053238.D
Acq: 21 Apr 2022 12:53

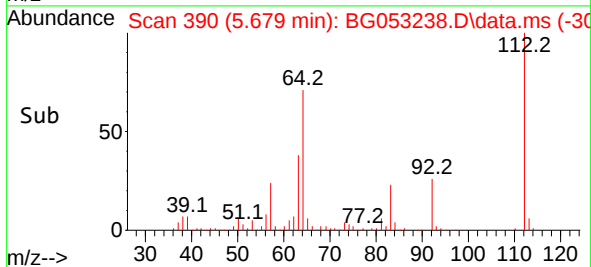
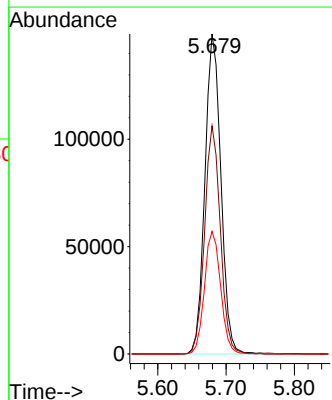
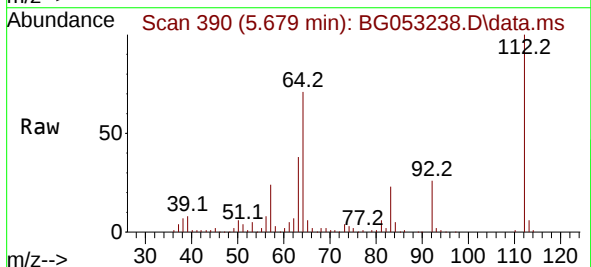
Instrument :
BNA_G
ClientSampleId :
WC-16-1A-1

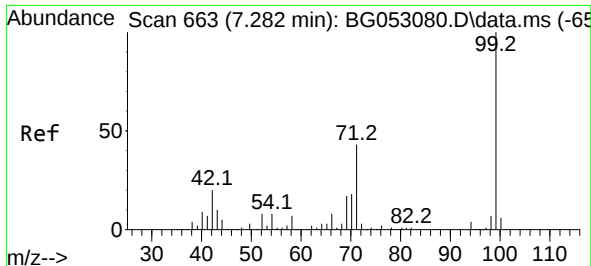
Tgt Ion:152 Resp: 29176
Ion Ratio Lower Upper
152 100
150 153.5 114.6 172.0
115 61.9 45.9 68.9



#5
2-Fluorophenol
Concen: 142.799 ng
RT: 5.679 min Scan# 390
Delta R.T. -0.005 min
Lab File: BG053238.D
Acq: 21 Apr 2022 12:53

Tgt Ion:112 Resp: 243049
Ion Ratio Lower Upper
112 100
64 71.3 48.0 72.0
63 38.3 26.5 39.7

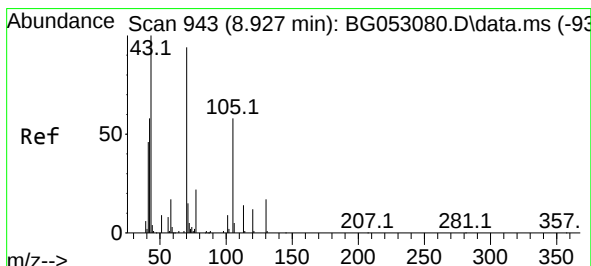
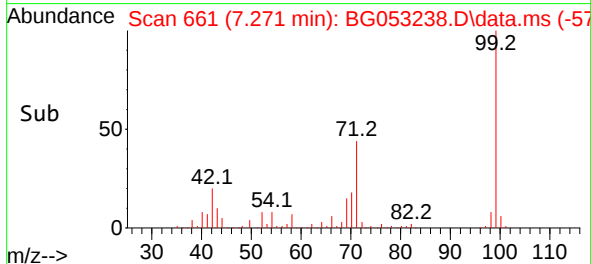
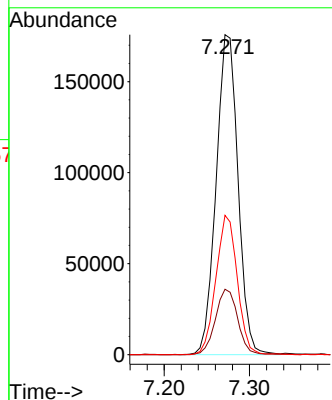
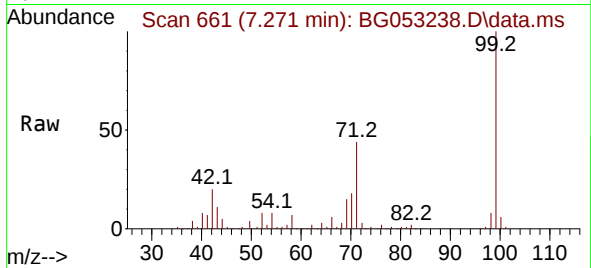




#7
Phenol-d6
Concen: 119.560 ng
RT: 7.271 min Scan# 60
Delta R.T. -0.011 min
Lab File: BG053238.D
Acq: 21 Apr 2022 12:53

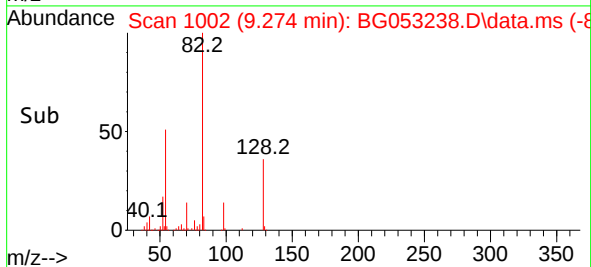
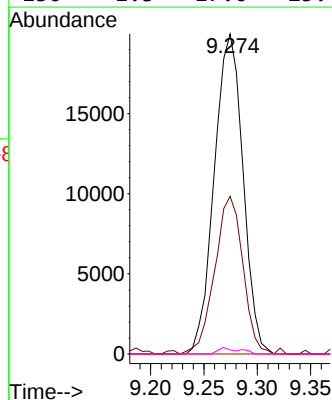
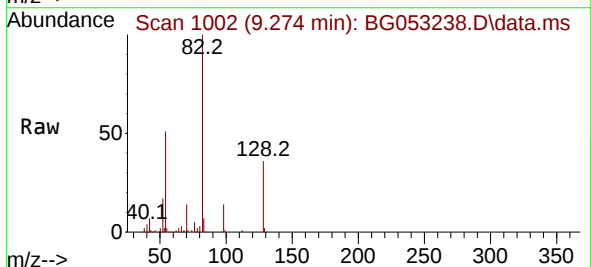
Instrument :
BNA_G
ClientSampleId :
WC-16-1A-1

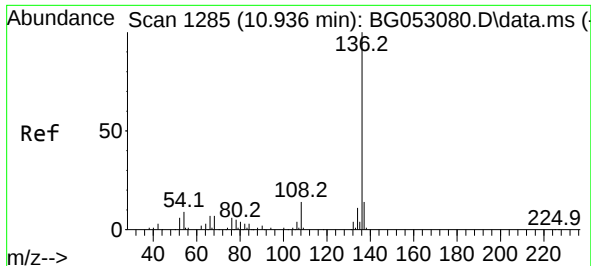
Tgt Ion: 99 Resp: 313810
Ion Ratio Lower Upper
99 100
42 20.5 14.7 22.1
71 43.6 29.2 43.8



#19
n-Nitroso-di-n-propylamine
Concen: 19.435 ng
RT: 9.274 min Scan# 1002
Delta R.T. 0.348 min
Lab File: BG053238.D
Acq: 21 Apr 2022 12:53

Tgt Ion: 70 Resp: 37345
Ion Ratio Lower Upper
70 100
42 49.2 46.0 69.0
101 0.0 6.2 9.4#
130 1.3 17.0 25.4#

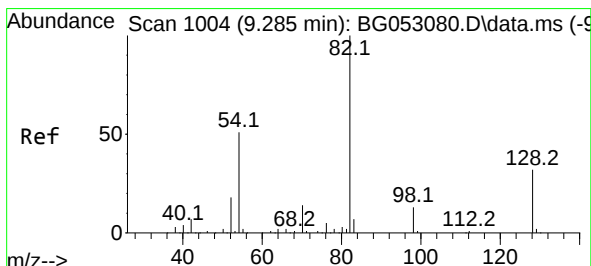
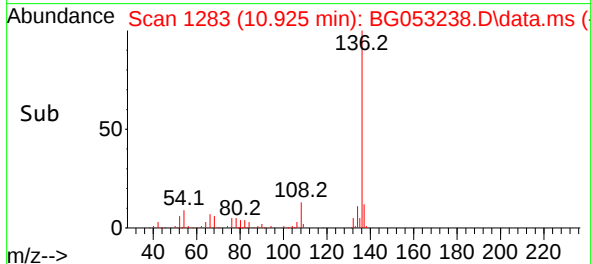
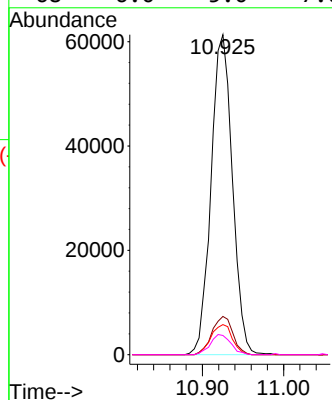
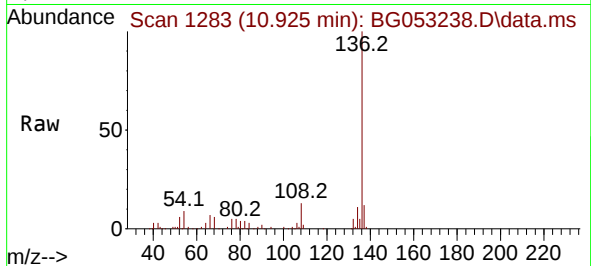




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.925 min Scan# 11
Delta R.T. -0.011 min
Lab File: BG053238.D
Acq: 21 Apr 2022 12:53

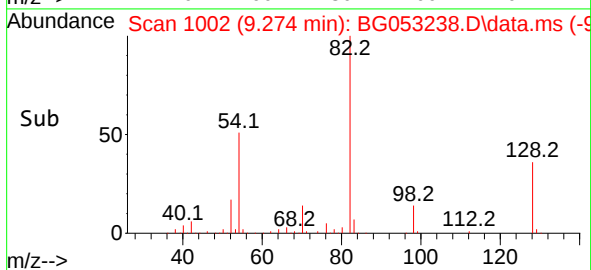
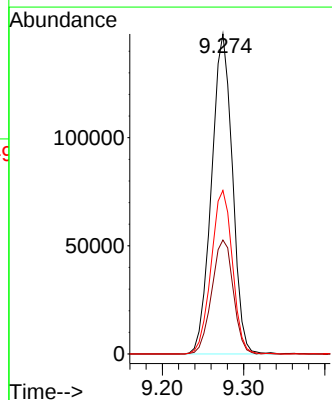
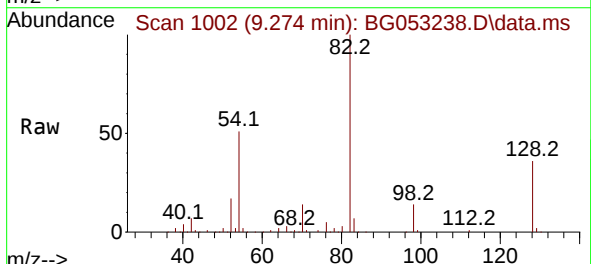
Instrument :
BNA_G
ClientSampleId :
WC-16-1A-1

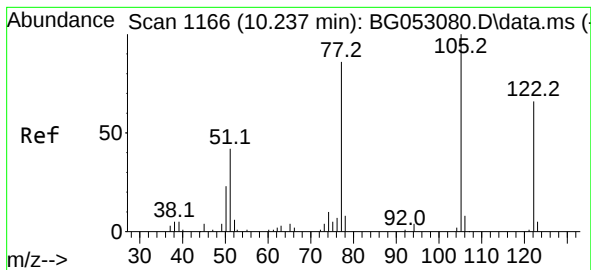
Tgt Ion:136	Resp:	111806
Ion	Ratio	Lower Upper
136	100	
137	11.9	9.4 14.2
54	9.4	6.4 9.6
68	6.0	5.0 7.6



#23
Nitrobenzene-d5
Concen: 95.836 ng
RT: 9.274 min Scan# 1002
Delta R.T. -0.011 min
Lab File: BG053238.D
Acq: 21 Apr 2022 12:53

Tgt Ion: 82	Resp:	263895
Ion	Ratio	Lower Upper
82	100	
128	35.6	31.3 46.9
54	51.1	37.8 56.8





#32

Benzoic acid

Concen: 3.697 ng

RT: 10.261 min Scan# 1166

Delta R.T. 0.024 min

Lab File: BG053238.D

Acq: 21 Apr 2022 12:53

Instrument :

BNA_G

ClientSampleId :

WC-16-1A-1

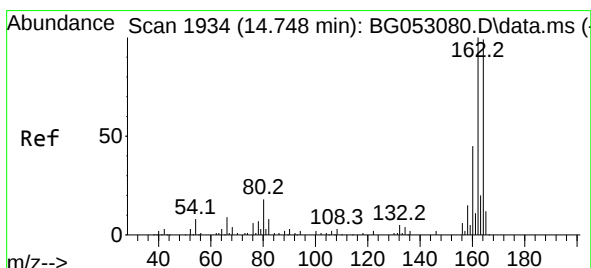
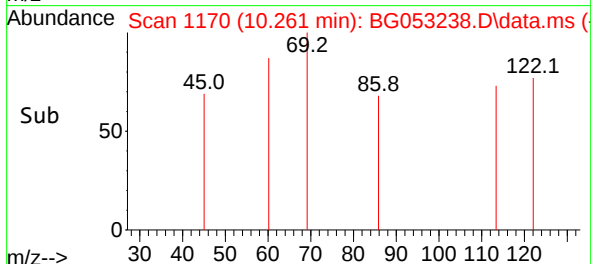
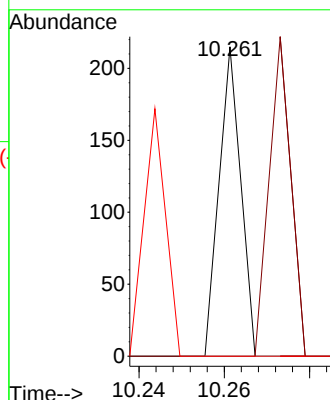
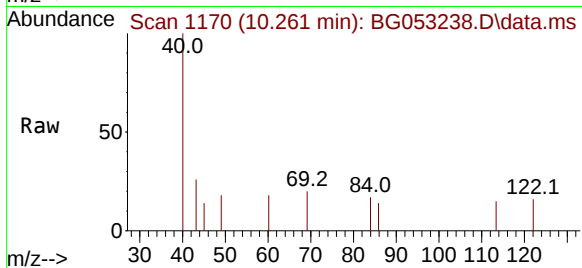
Tgt Ion:122 Resp: 76

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: 14.732 min Scan# 1931

Delta R.T. -0.016 min

Lab File: BG053238.D

Acq: 21 Apr 2022 12:53

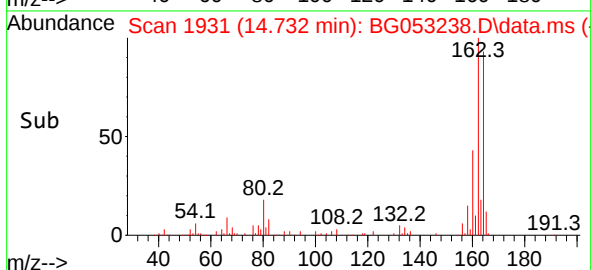
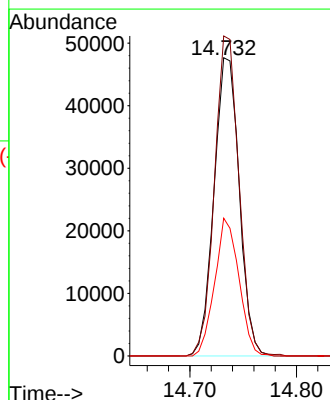
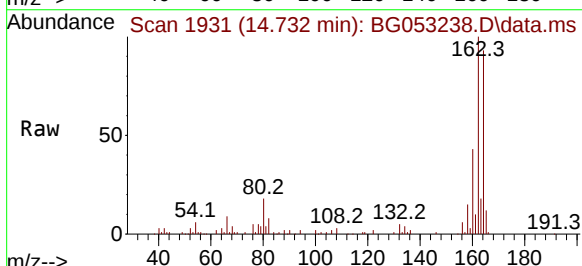
Tgt Ion:164 Resp: 78292

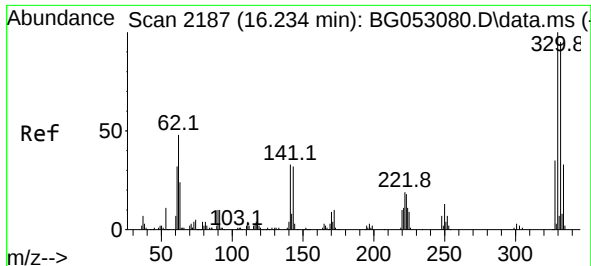
Ion Ratio Lower Upper

164 100

162 107.3 80.0 120.0

160 46.2 38.8 58.2

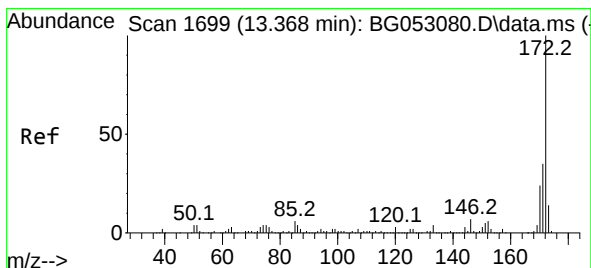
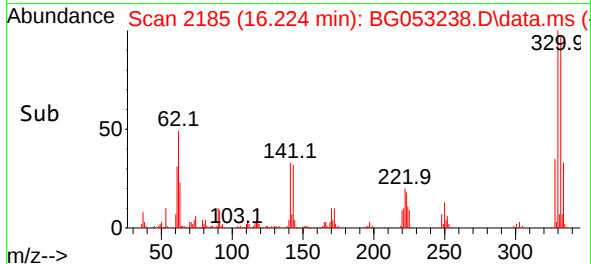
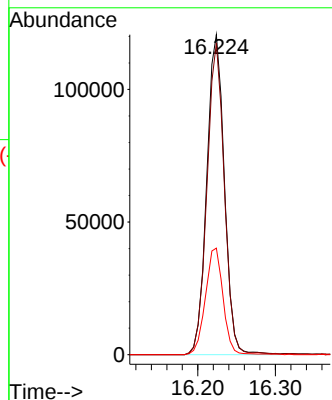
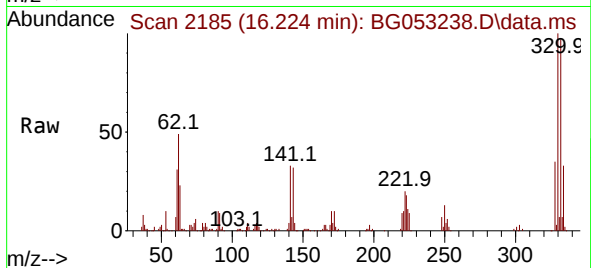




#42
2,4,6-Tribromophenol
Concen: 152.773 ng
RT: 16.224 min Scan# 2187
Delta R.T. -0.011 min
Lab File: BG053238.D
Acq: 21 Apr 2022 12:53

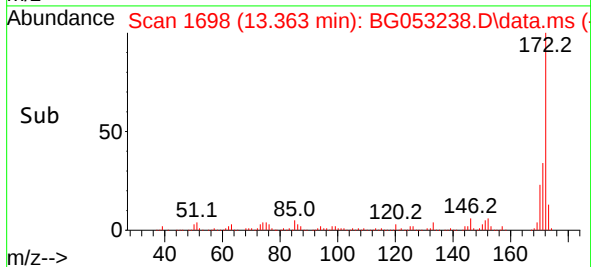
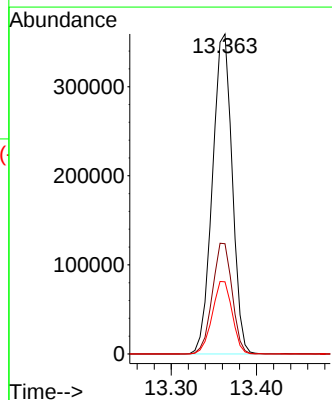
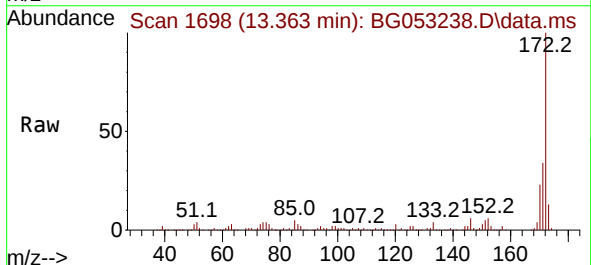
Instrument :
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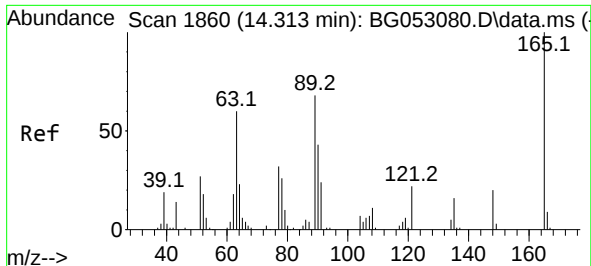
Tgt Ion:330 Resp: 190293
Ion Ratio Lower Upper
330 100
332 96.0 75.8 113.6
141 33.4 24.6 36.8



#45
2-Fluorobiphenyl
Concen: 101.613 ng
RT: 13.363 min Scan# 1698
Delta R.T. -0.005 min
Lab File: BG053238.D
Acq: 21 Apr 2022 12:53

Tgt Ion:172 Resp: 576943
Ion Ratio Lower Upper
172 100
171 34.4 28.3 42.5
170 22.5 18.0 27.0

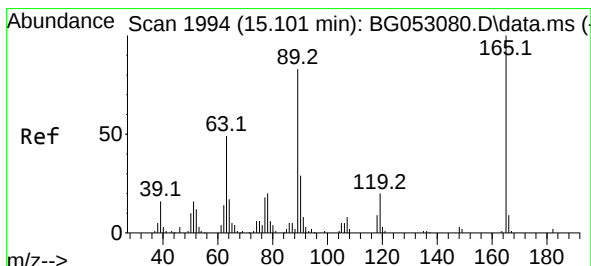
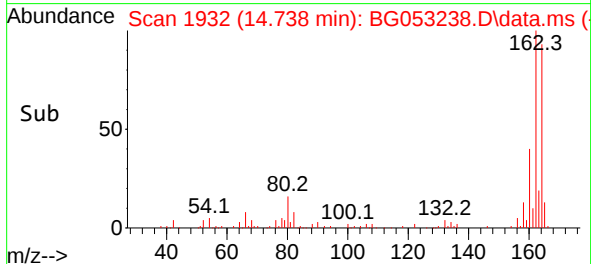
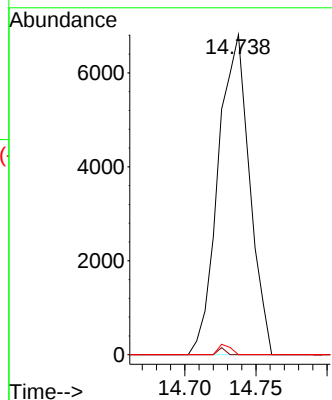
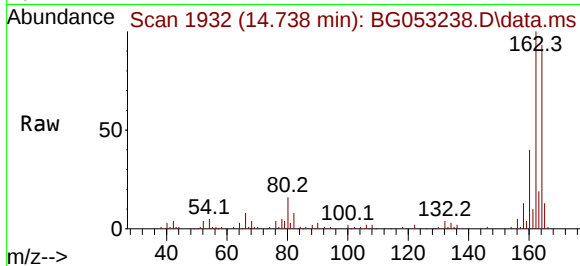




#51
2,6-Dinitrotoluene
Concen: 7.993 ng
RT: 14.738 min Scan# 1932
Delta R.T. 0.424 min
Lab File: BG053238.D
Acq: 21 Apr 2022 12:53

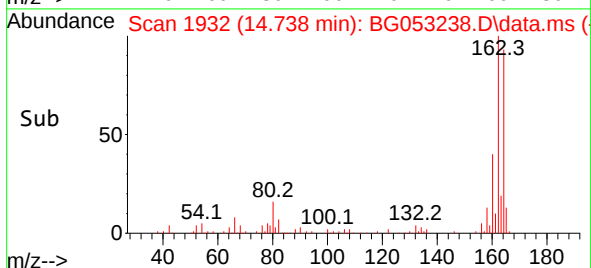
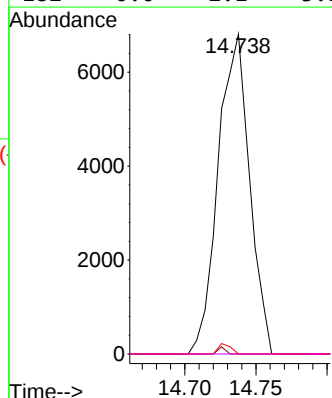
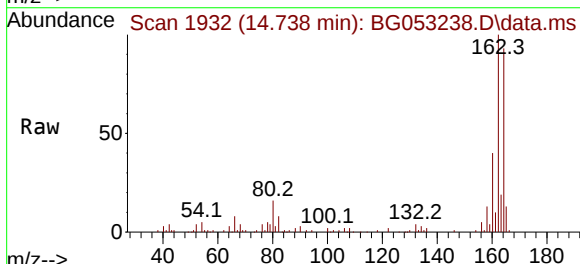
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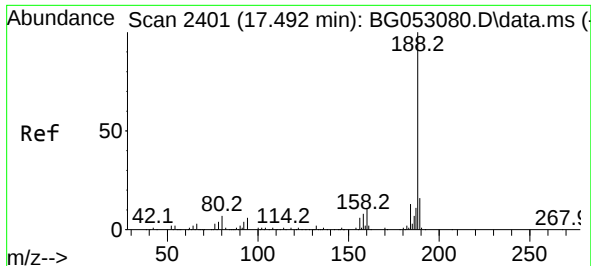
Tgt Ion:165 Resp: 10442
Ion Ratio Lower Upper
165 100
63 0.0 43.7 65.5#
89 0.0 45.0 67.4#



#57
2,4-Dinitrotoluene
Concen: 5.614 ng
RT: 14.738 min Scan# 1932
Delta R.T. -0.363 min
Lab File: BG053238.D
Acq: 21 Apr 2022 12:53

Tgt Ion:165 Resp: 10442
Ion Ratio Lower Upper
165 100
63 0.0 34.8 52.2#
89 0.0 57.4 86.0#
182 0.0 2.1 3.1#

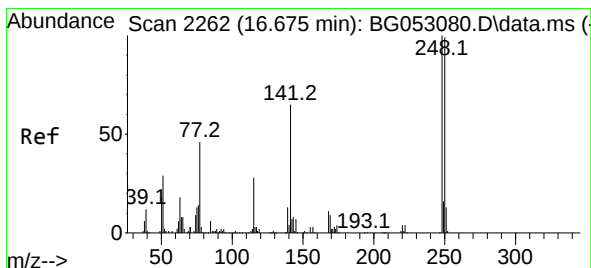
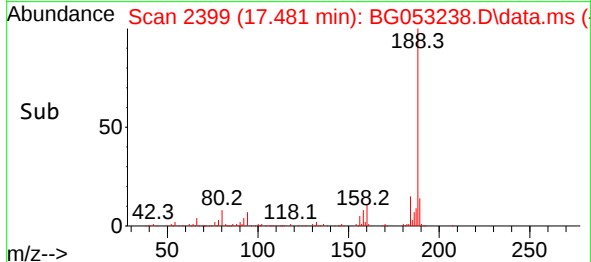
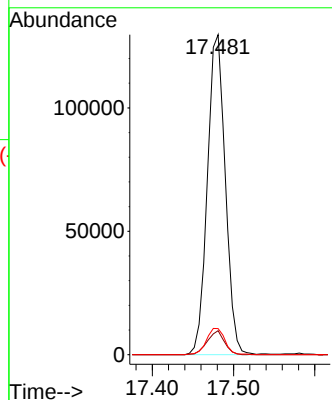
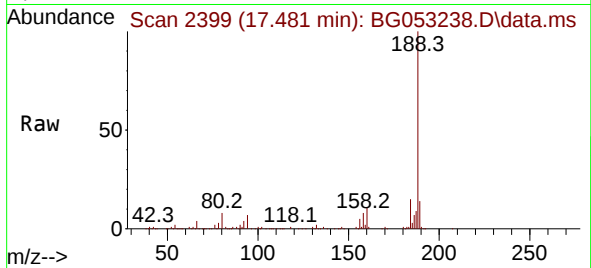




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.481 min Scan# 2185
Delta R.T. -0.011 min
Lab File: BG053238.D
Acq: 21 Apr 2022 12:53

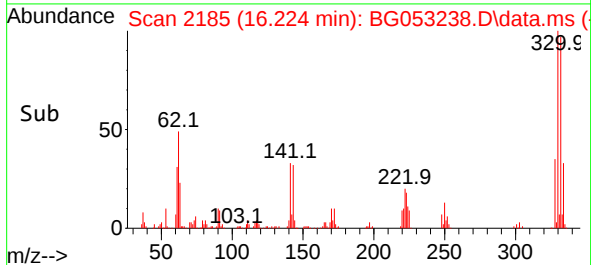
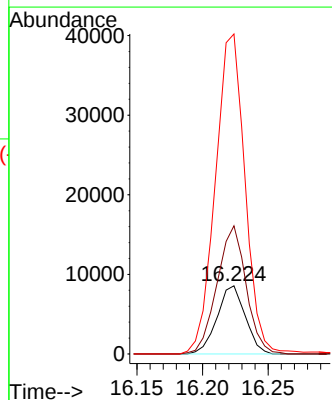
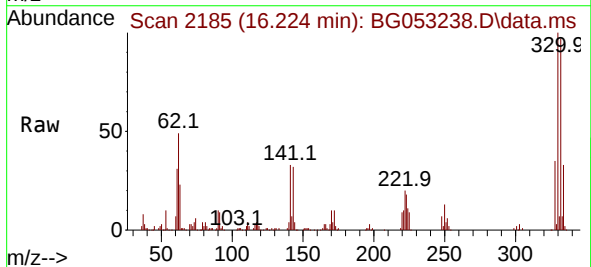
Instrument :
BNA_G
ClientSampleId :
WC-16-1A-1

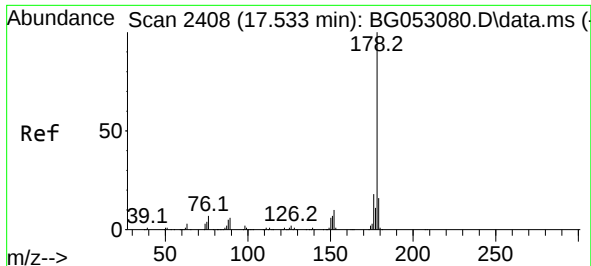
Tgt Ion:188 Resp: 198670
Ion Ratio Lower Upper
188 100
94 7.5 5.7 8.5
80 8.2 7.2 10.8



#67
4-Bromophenyl-phenylether
Concen: 5.021 ng
RT: 16.224 min Scan# 2185
Delta R.T. -0.451 min
Lab File: BG053238.D
Acq: 21 Apr 2022 12:53

Tgt Ion:248 Resp: 12783
Ion Ratio Lower Upper
248 100
250 188.2 77.9 116.9#
141 469.9 49.2 73.8#

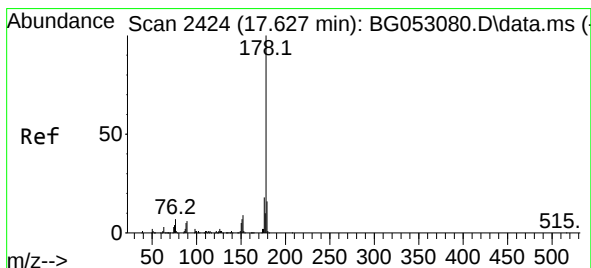
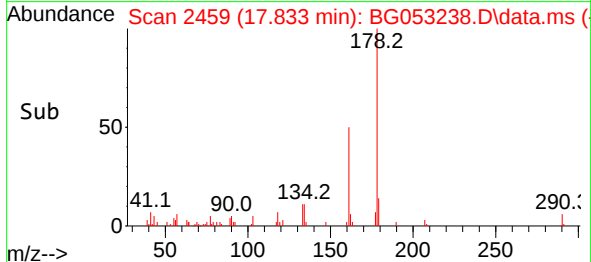
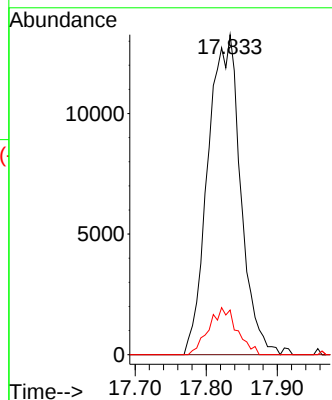
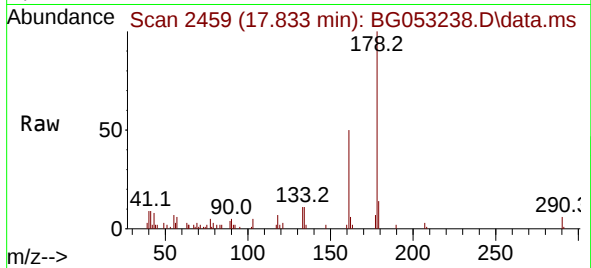




#71
Phenanthrene
Concen: 3.893 ng
RT: 17.833 min Scan# 2408
Delta R.T. 0.301 min
Lab File: BG053238.D
Acq: 21 Apr 2022 12:53

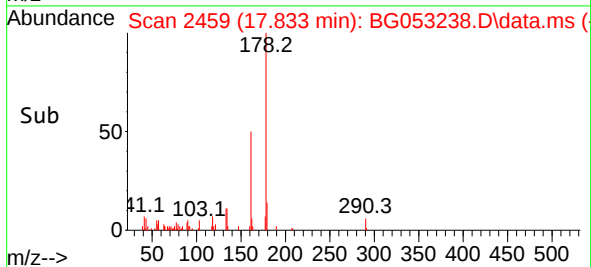
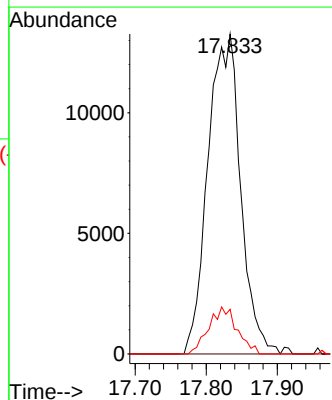
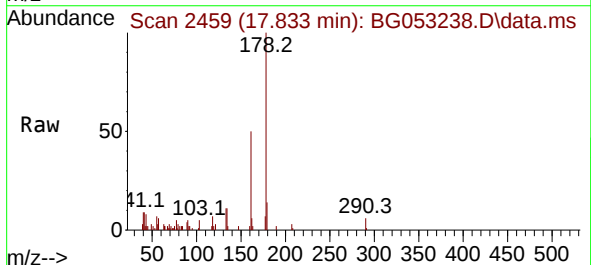
Instrument :
BNA_G
ClientSampleId :
WC-16-1A-1

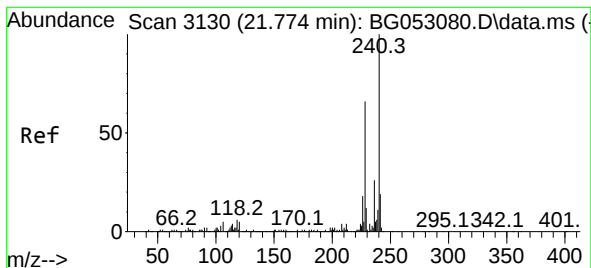
Tgt Ion:178 Resp: 42244
Ion Ratio Lower Upper
178 100
176 0.0 15.9 23.9#
179 14.0 13.4 20.2



#72
Anthracene
Concen: 3.929 ng
RT: 17.833 min Scan# 2459
Delta R.T. 0.207 min
Lab File: BG053238.D
Acq: 21 Apr 2022 12:53

Tgt Ion:178 Resp: 42244
Ion Ratio Lower Upper
178 100
176 0.0 14.7 22.1#
179 14.0 13.2 19.8





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.763 min Scan# 31

Delta R.T. -0.011 min

Lab File: BG053238.D

Acq: 21 Apr 2022 12:53

Instrument :

BNA_G

ClientSampleId :

WC-16-1A-1

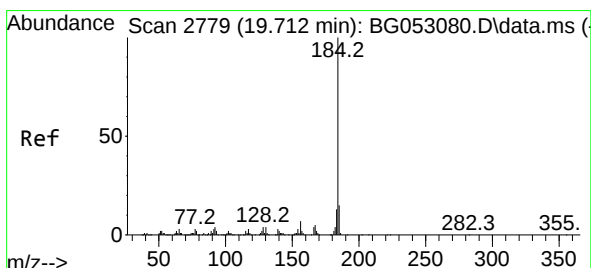
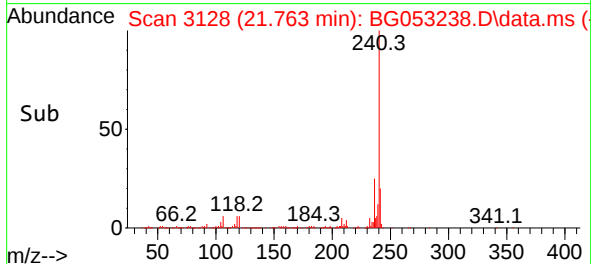
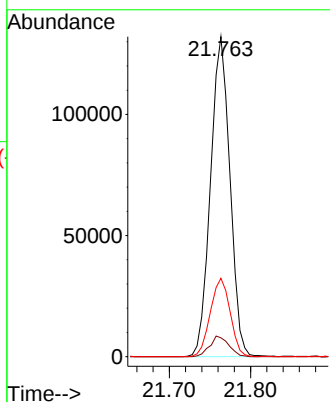
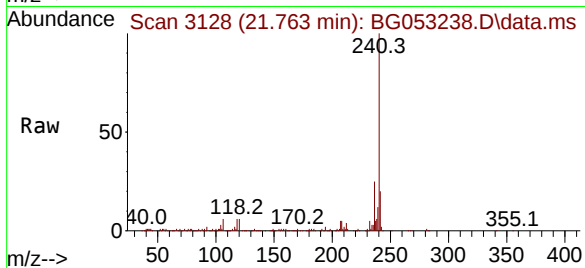
Tgt Ion:240 Resp: 219385

Ion Ratio Lower Upper

240 100

120 5.9 5.4 8.0

236 24.5 19.8 29.6



#77

Benzidine

Concen: 3.189 ng

RT: 20.083 min Scan# 2842

Delta R.T. 0.371 min

Lab File: BG053238.D

Acq: 21 Apr 2022 12:53

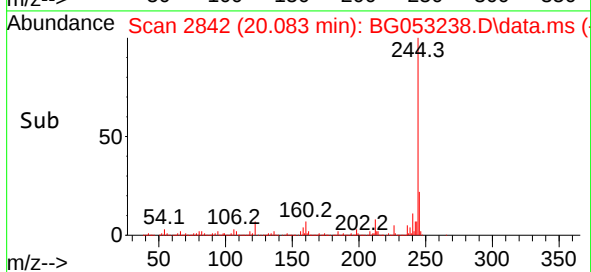
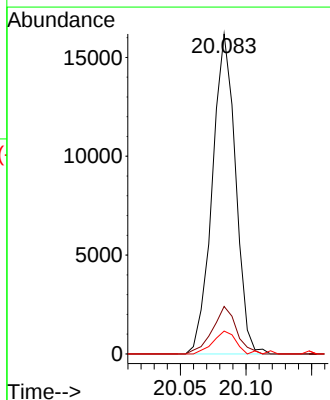
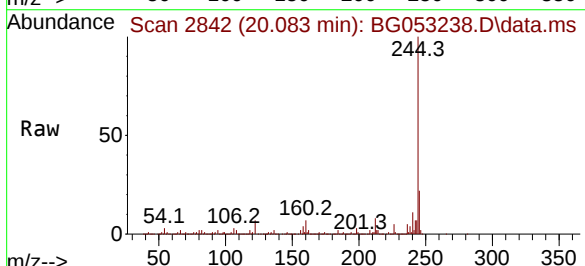
Tgt Ion:184 Resp: 19960

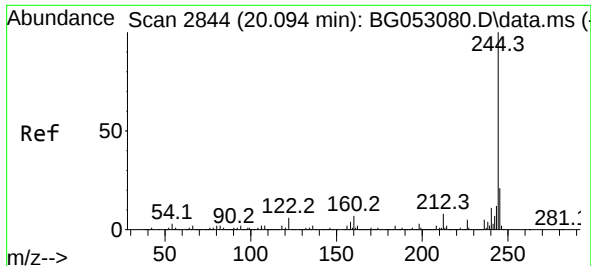
Ion Ratio Lower Upper

184 100

185 14.9 11.5 17.3

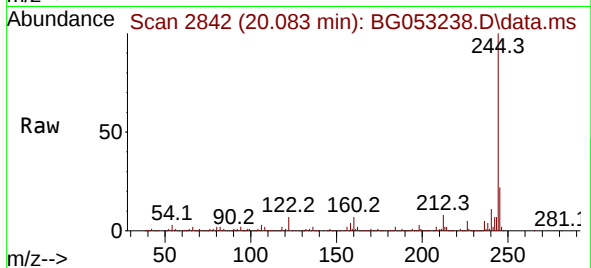
183 7.2 9.4 14.2#



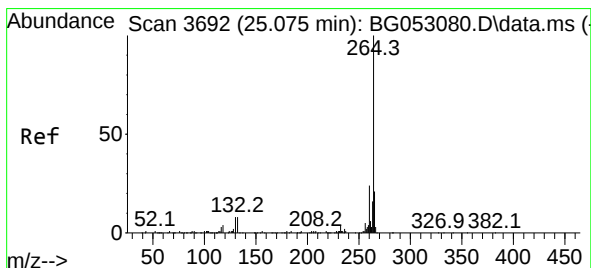
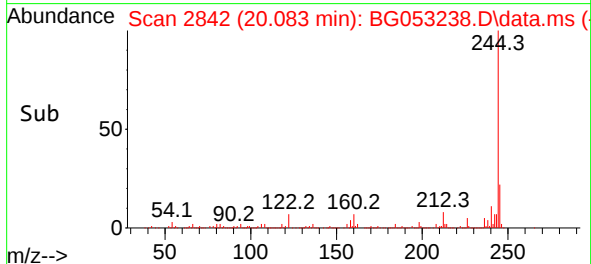
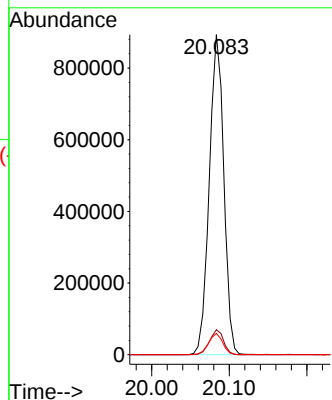


#79
 Terphenyl-d14
 Concen: 89.277 ng
 RT: 20.083 min Scan# 21
 Delta R.T. -0.011 min
 Lab File: BG053238.D
 Acq: 21 Apr 2022 12:53

Instrument :
 BNA_G
 ClientSampleId :
 WC-16-1A-1



Tgt Ion:244 Resp: 1159686
 Ion Ratio Lower Upper
 244 100
 212 7.8 5.4 8.2
 122 6.6 5.8 8.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.065 min Scan# 3690
 Delta R.T. -0.011 min
 Lab File: BG053238.D
 Acq: 21 Apr 2022 12:53

Tgt Ion:264 Resp: 222581
 Ion Ratio Lower Upper
 264 100
 260 21.6 18.2 27.2
 265 20.3 15.1 22.7

