

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040522\
 Data File : BG053040.D
 Acq On : 5 Apr 2022 20:30
 Operator : CG/JU
 Sample : N2246-12
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-8-9-3-1

Quant Time: Apr 06 04:15:30 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 05 14:24:42 2022
 Response via : Initial Calibration

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

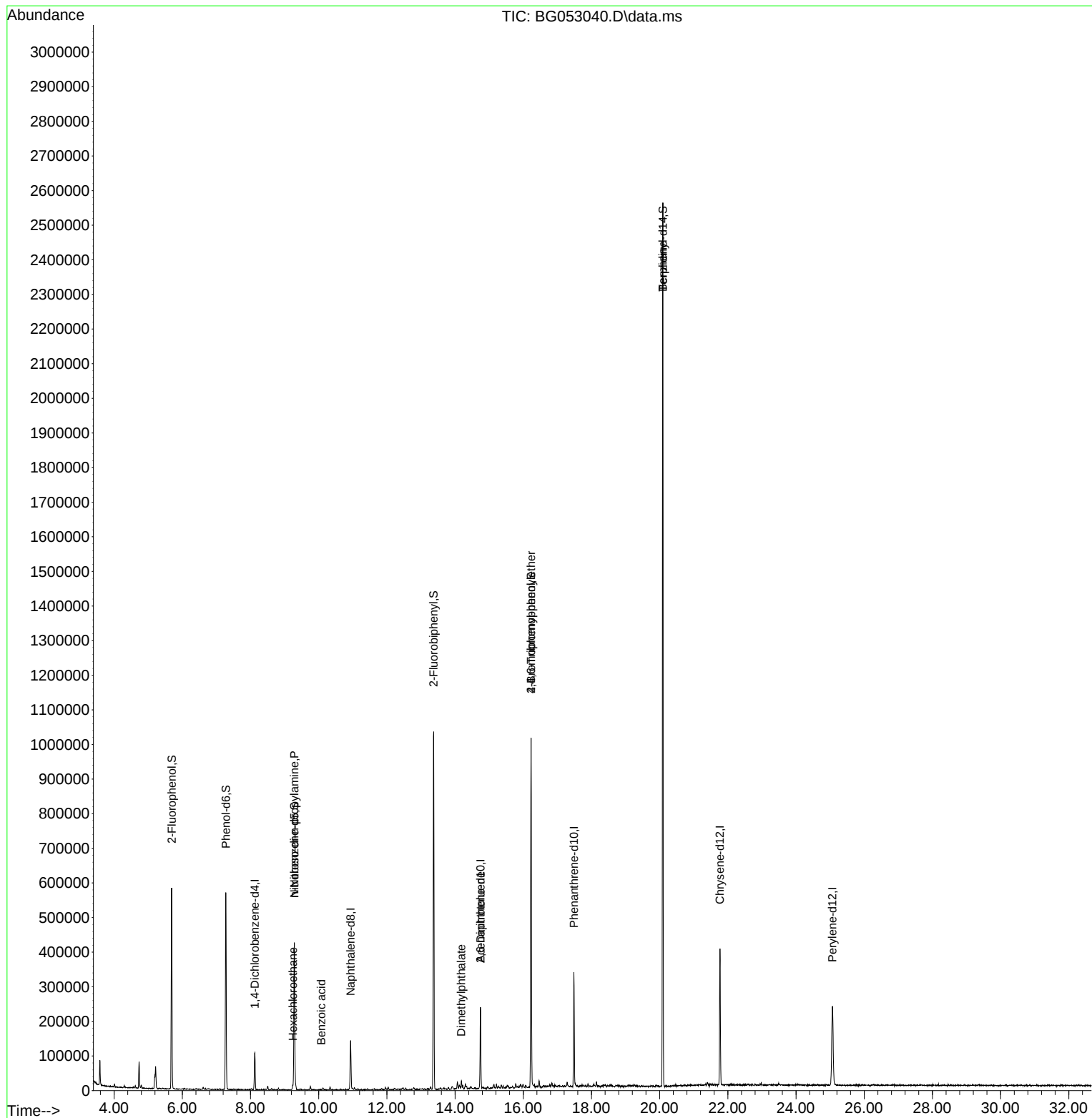
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.128	152	29447	20.000	ng	-0.02
21) Naphthalene-d8	10.936	136	111547	20.000	ng	#-0.02
39) Acenaphthene-d10	14.743	164	81207	20.000	ng	-0.02
64) Phenanthrene-d10	17.486	188	205703	20.000	ng	-0.02
76) Chrysene-d12	21.769	240	250182	20.000	ng	-0.03
86) Perylene-d12	25.064	264	265049	20.000	ng	#-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.691	112	234010	138.395	ng	0.00
7) Phenol-d6	7.277	99	305987	120.033	ng	-0.01
23) Nitrobenzene-d5	9.286	82	262683	118.194	ng	-0.02
42) 2,4,6-Tribromophenol	16.229	330	193637	177.453	ng	-0.02
45) 2-Fluorobiphenyl	13.374	172	551692	100.196	ng	-0.02
79) Terphenyl-d14	20.095	244	1299952	92.429	ng	-0.02
Target Compounds						Qvalue
9) Benzaldehyde	7.271	77	421	Below Cal	#	5
18) Hexachloroethane	9.245	117	2289	2.903	ng	# 20
19) n-Nitroso-di-n-propyla...	9.286	70	38516	21.333	ng	# 82
32) Benzoic acid	10.079	122	56	5.715	ng	# 1
50) Dimethylphthalate	14.185	163	13800	2.287	ng	# 99
51) 2,6-Dinitrotoluene	14.743	165	10830	10.628	ng	# 26
67) 4-Bromophenyl-phenylether	16.229	248	12310	4.964	ng	# 1
77) Benzidine	20.095	184	24884	3.856	ng	# 90

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

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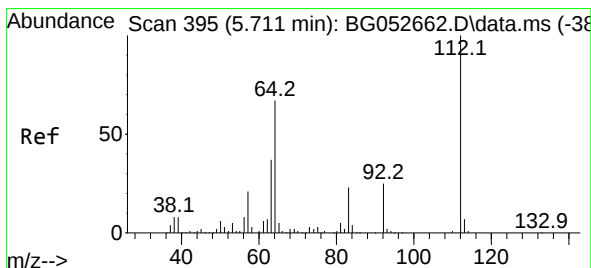
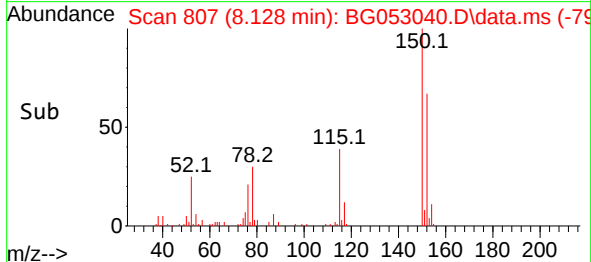
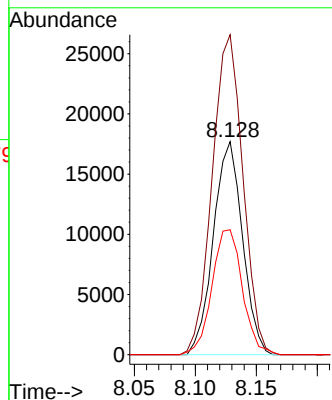
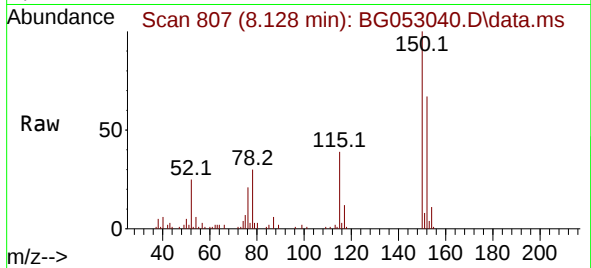




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.128 min Scan# 80
Delta R.T. -0.018 min
Lab File: BG053040.D
Acq: 5 Apr 2022 20:30

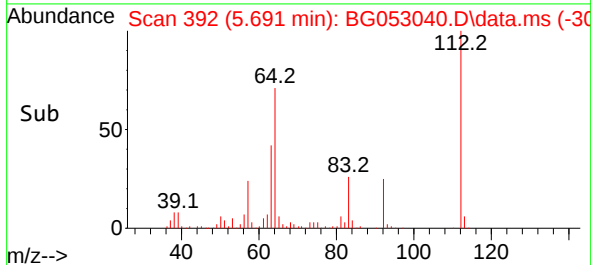
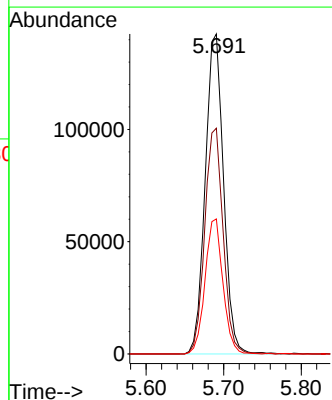
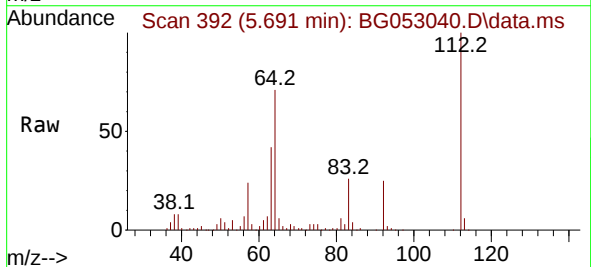
Instrument :
BNA_G
ClientSampleId :
WC-8-9-3-1

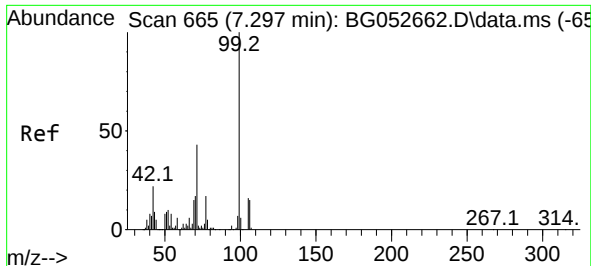
Tgt Ion:152 Resp: 29447
Ion Ratio Lower Upper
152 100
150 150.2 114.6 172.0
115 58.6 45.9 68.9



#5
2-Fluorophenol
Concen: 138.395 ng
RT: 5.691 min Scan# 392
Delta R.T. -0.006 min
Lab File: BG053040.D
Acq: 5 Apr 2022 20:30

Tgt Ion:112 Resp: 234010
Ion Ratio Lower Upper
112 100
64 70.6 48.0 72.0
63 42.2 26.5 39.7#

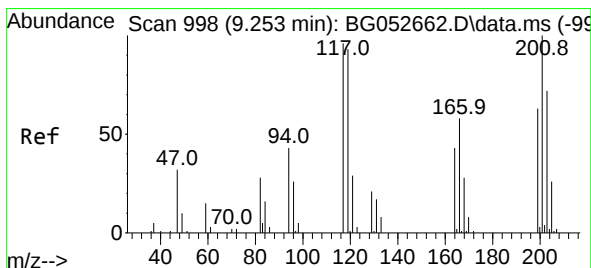
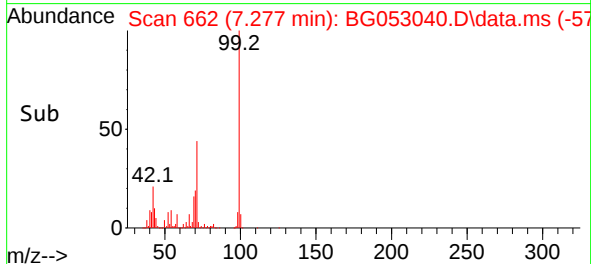
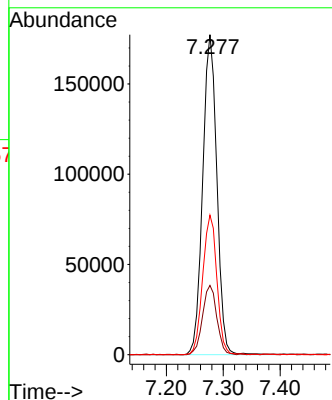
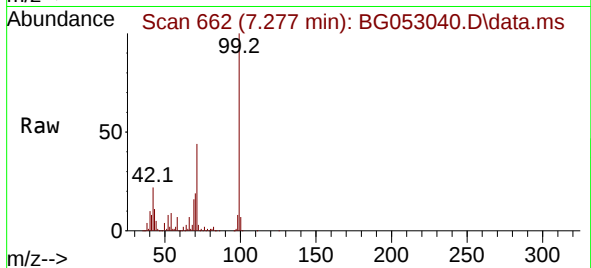




#7
Phenol-d6
Concen: 120.033 ng
RT: 7.277 min Scan# 60
Delta R.T. -0.012 min
Lab File: BG053040.D
Acq: 5 Apr 2022 20:30

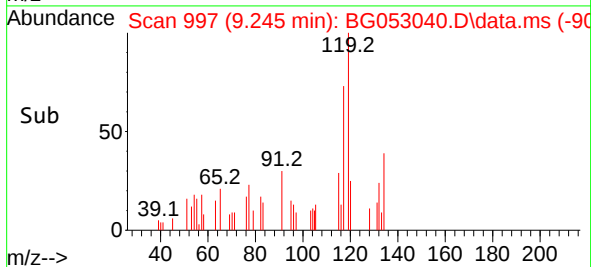
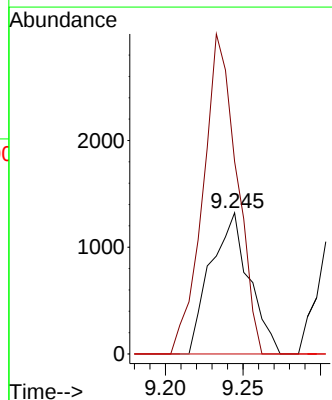
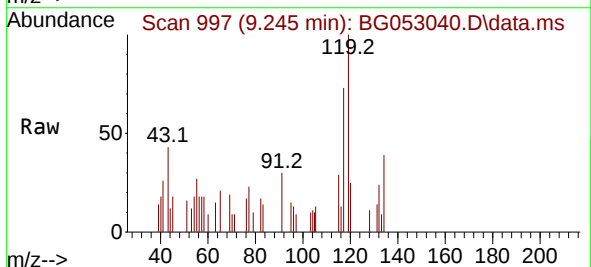
Instrument :
BNA_G
ClientSampleId :
WC-8-9-3-1

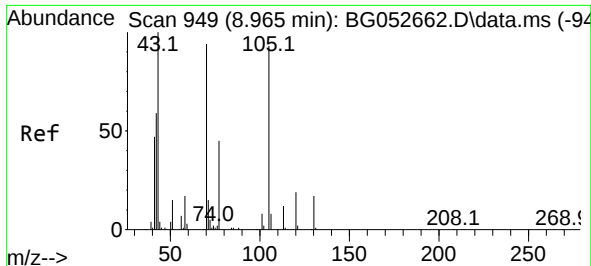
Tgt Ion: 99 Resp: 305987
Ion Ratio Lower Upper
99 100
42 21.7 14.7 22.1
71 43.6 29.2 43.8



#18
Hexachloroethane
Concen: 2.903 ng
RT: 9.245 min Scan# 997
Delta R.T. 0.012 min
Lab File: BG053040.D
Acq: 5 Apr 2022 20:30

Tgt Ion: 117 Resp: 2289
Ion Ratio Lower Upper
117 100
119 136.4 75.1 112.7#
201 0.0 96.6 145.0#

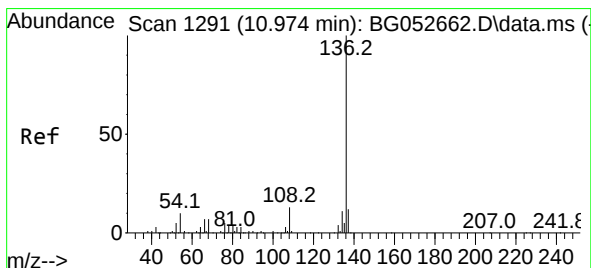
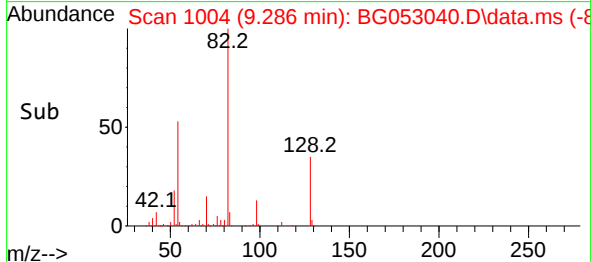
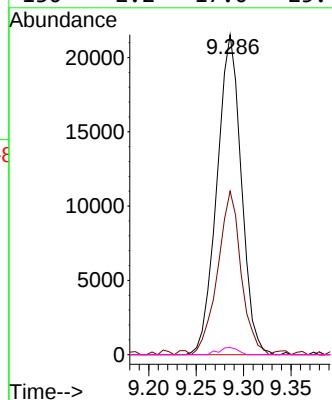
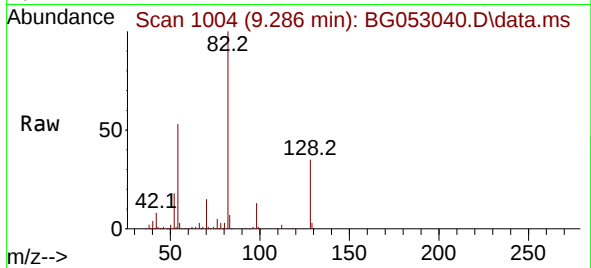




#19
n-Nitroso-di-n-propylamine
Concen: 21.333 ng
RT: 9.286 min Scan# 1004
Delta R.T. 0.341 min
Lab File: BG053040.D
Acq: 5 Apr 2022 20:30

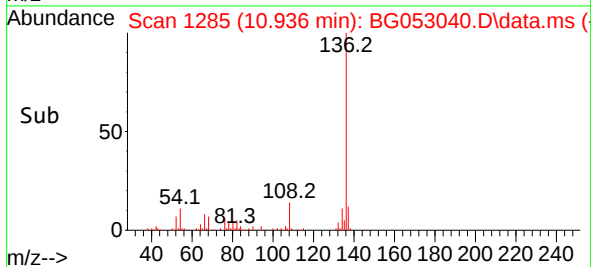
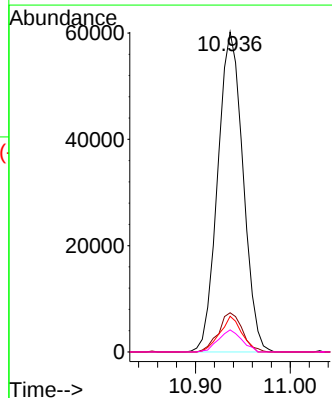
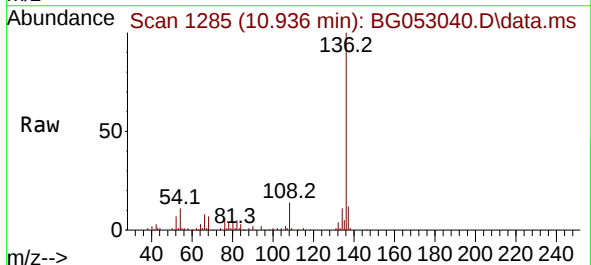
Instrument :
BNA_G
ClientSampleId :
WC-8-9-3-1

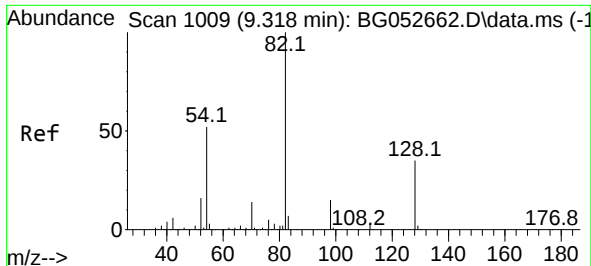
Tgt Ion: 70 Resp: 38516
Ion Ratio Lower Upper
70 100
42 51.1 46.0 69.0
101 0.0 6.2 9.4#
130 2.2 17.0 25.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.936 min Scan# 1285
Delta R.T. -0.024 min
Lab File: BG053040.D
Acq: 5 Apr 2022 20:30

Tgt Ion: 136 Resp: 111547
Ion Ratio Lower Upper
136 100
137 12.3 9.4 14.2
54 11.2 6.4 9.6#
68 6.9 5.0 7.6





#23

Nitrobenzene-d5

Concen: 118.194 ng

RT: 9.286 min Scan# 1109

Delta R.T. -0.018 min

Lab File: BG053040.D

Acq: 5 Apr 2022 20:30

Instrument :

BNA_G

ClientSampleId :

WC-8-9-3-1

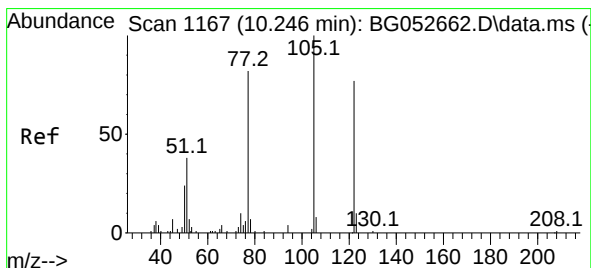
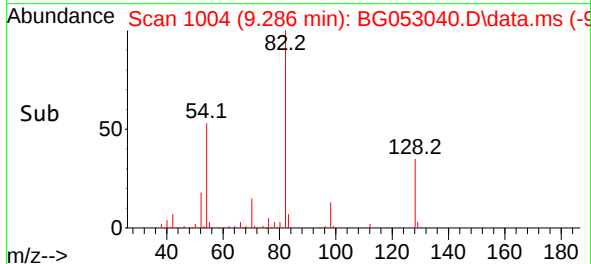
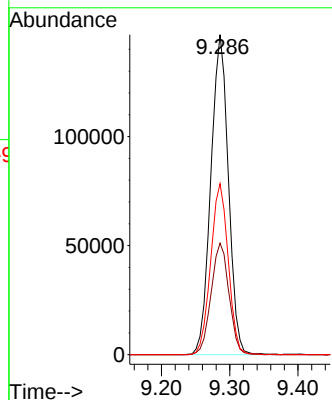
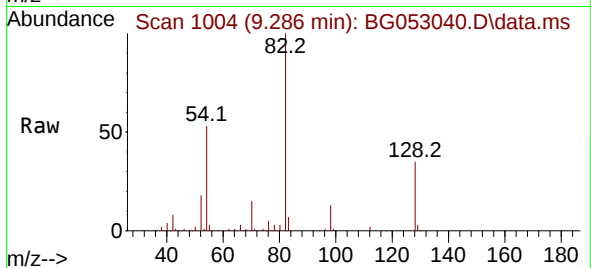
Tgt Ion: 82 Resp: 262683

Ion Ratio Lower Upper

82 100

128 34.8 31.3 46.9

54 53.4 37.8 56.8



#32

Benzoic acid

Concen: 5.715 ng

RT: 10.079 min Scan# 1139

Delta R.T. -0.159 min

Lab File: BG053040.D

Acq: 5 Apr 2022 20:30

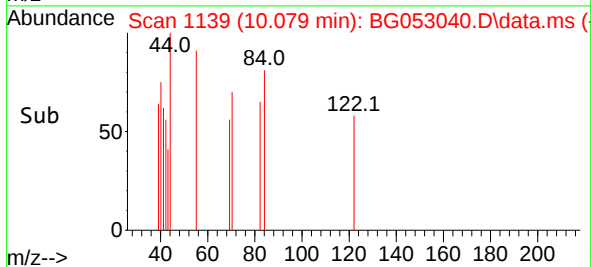
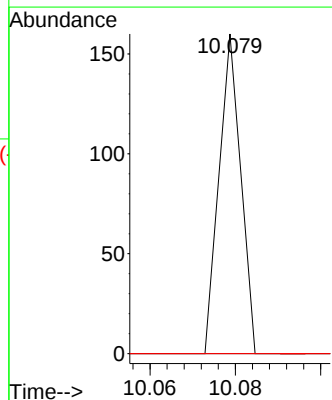
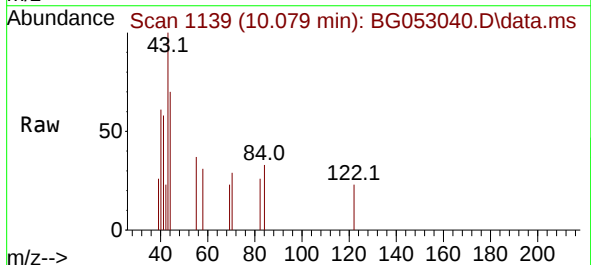
Tgt Ion: 122 Resp: 56

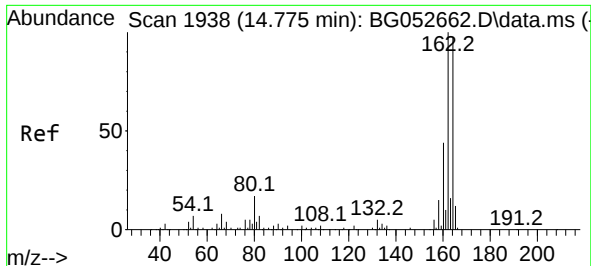
Ion Ratio Lower Upper

122 100

105 0.0 112.8 152.8#

77 0.0 78.4 118.4#

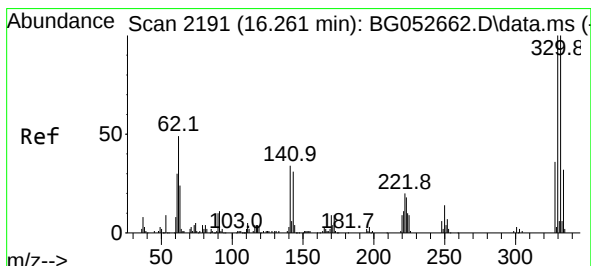
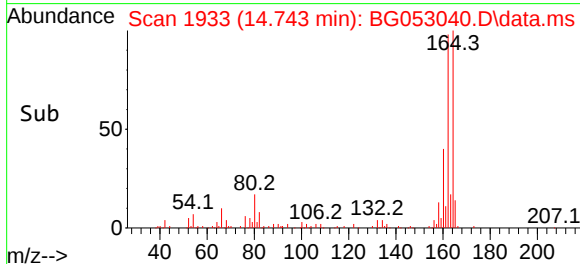
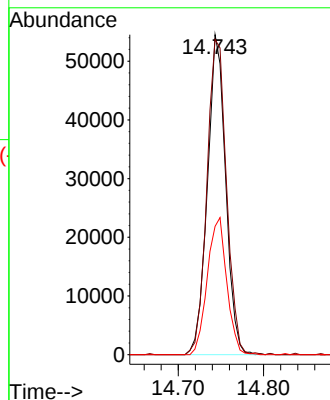
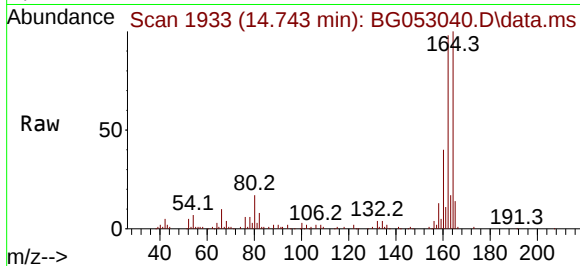




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.743 min Scan# 1933
Delta R.T. -0.024 min
Lab File: BG053040.D
Acq: 5 Apr 2022 20:30

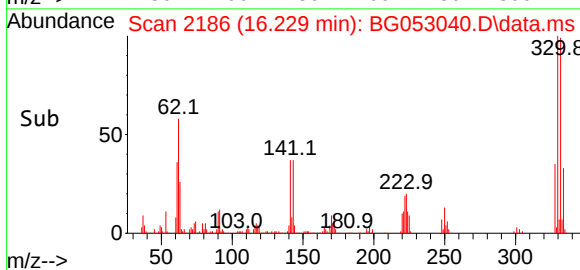
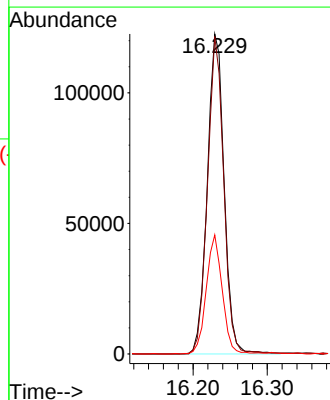
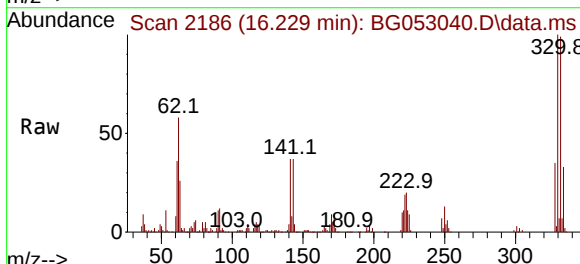
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WC-8-9-3-1

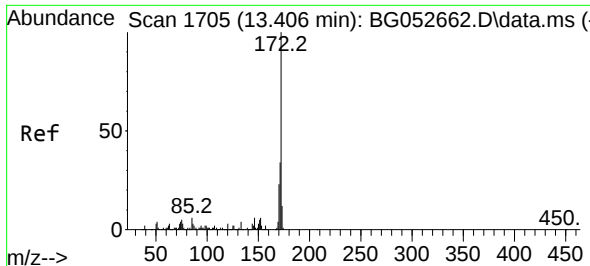
Tgt Ion:164 Resp: 81207
Ion Ratio Lower Upper
164 100
162 98.5 80.0 120.0
160 40.1 38.8 58.2



#42
2,4,6-Tribromophenol
Concen: 177.453 ng
RT: 16.229 min Scan# 2186
Delta R.T. -0.018 min
Lab File: BG053040.D
Acq: 5 Apr 2022 20:30

Tgt Ion:330 Resp: 193637
Ion Ratio Lower Upper
330 100
332 95.6 75.8 113.6
141 35.5 24.6 36.8

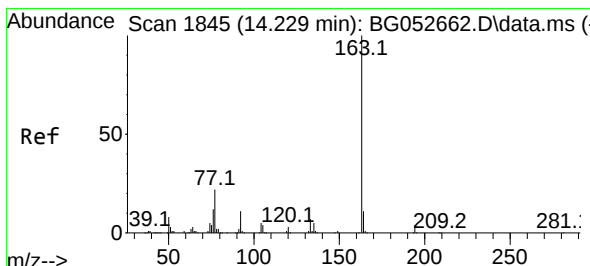
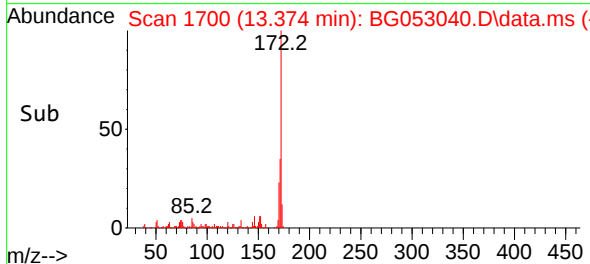
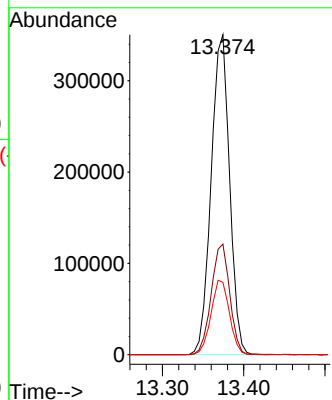
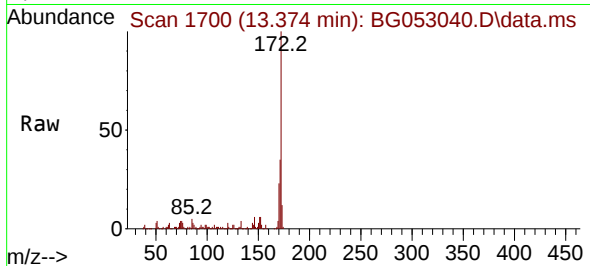




#45
2-Fluorobiphenyl
Concen: 100.196 ng
RT: 13.374 min Scan# 1
Delta R.T. -0.018 min
Lab File: BG053040.D
Acq: 5 Apr 2022 20:30

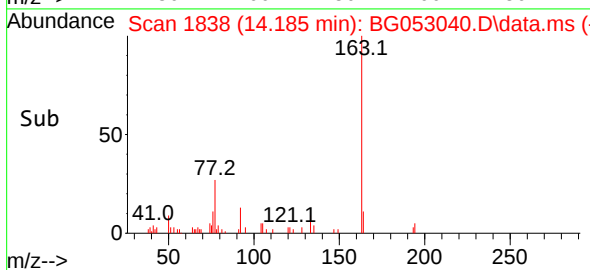
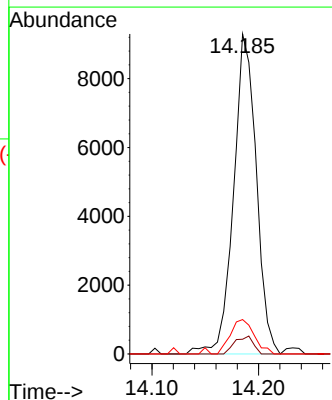
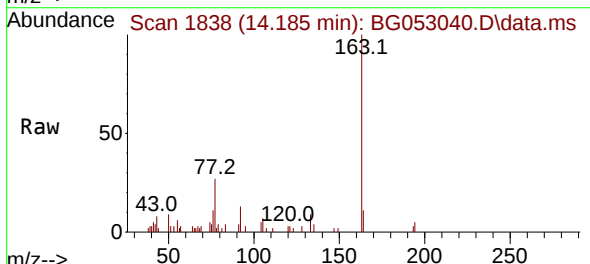
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WC-8-9-3-1

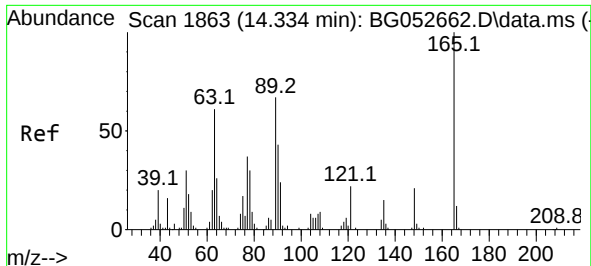
Tgt Ion:172 Resp: 551692
Ion Ratio Lower Upper
172 100
171 34.6 28.3 42.5
170 22.6 18.0 27.0



#50
Dimethylphthalate
Concen: 2.287 ng
RT: 14.185 min Scan# 1838
Delta R.T. -0.029 min
Lab File: BG053040.D
Acq: 5 Apr 2022 20:30

Tgt Ion:163 Resp: 13800
Ion Ratio Lower Upper
163 100
194 4.6 3.3 4.9
164 10.7 8.5 12.7

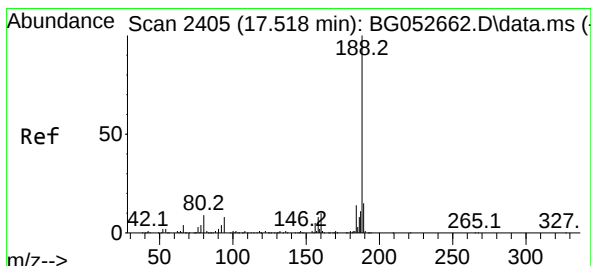
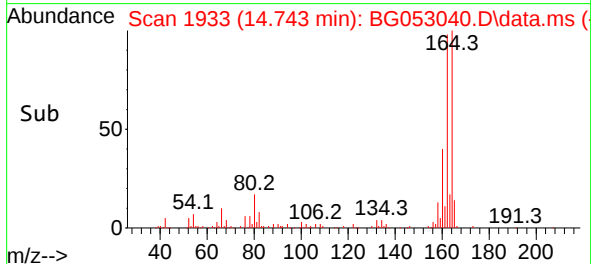
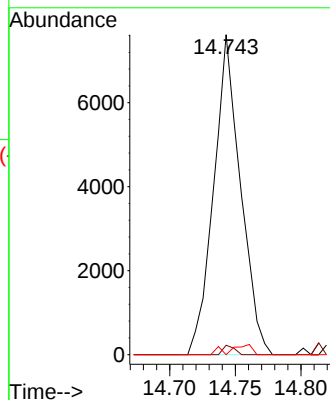
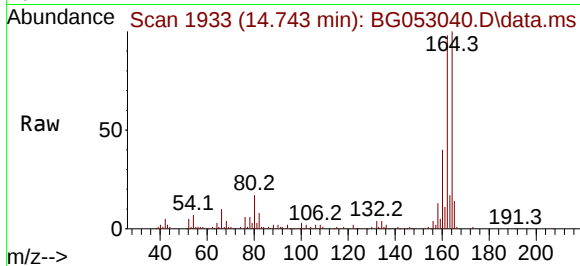




#51
2,6-Dinitrotoluene
Concen: 10.628 ng
RT: 14.743 min Scan# 1933
Delta R.T. 0.417 min
Lab File: BG053040.D
Acq: 5 Apr 2022 20:30

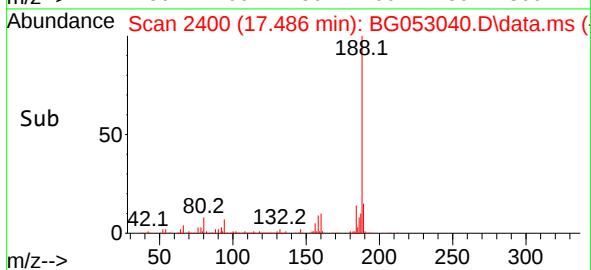
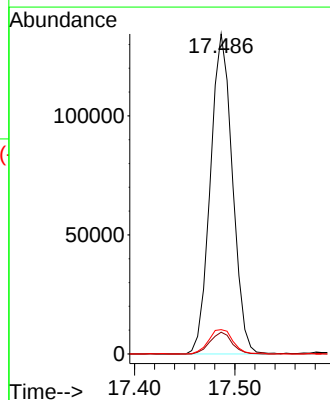
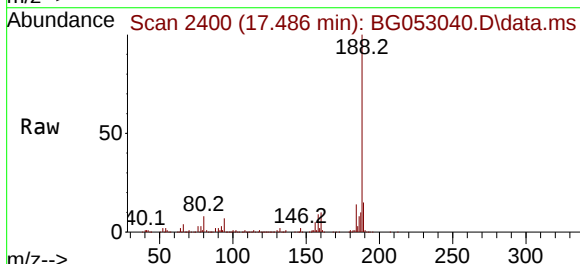
Instrument :
BNA_G
ClientSampleId :
WC-8-9-3-1

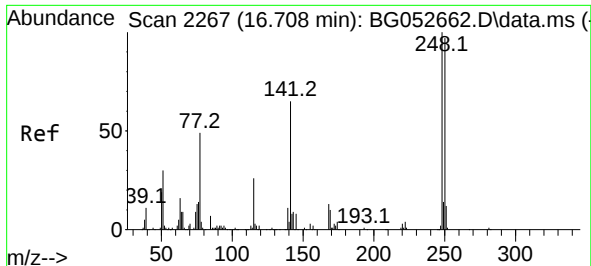
Tgt Ion:165 Resp: 10830
Ion Ratio Lower Upper
165 100
63 3.0 43.7 65.5#
89 0.0 45.0 67.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.486 min Scan# 2400
Delta R.T. -0.018 min
Lab File: BG053040.D
Acq: 5 Apr 2022 20:30

Tgt Ion:188 Resp: 205703
Ion Ratio Lower Upper
188 100
94 6.8 5.7 8.5
80 7.6 7.2 10.8

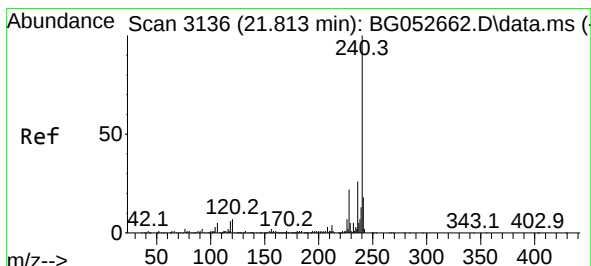
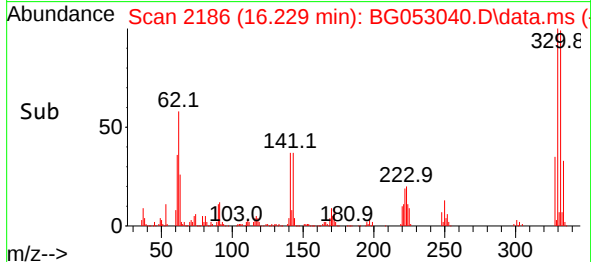
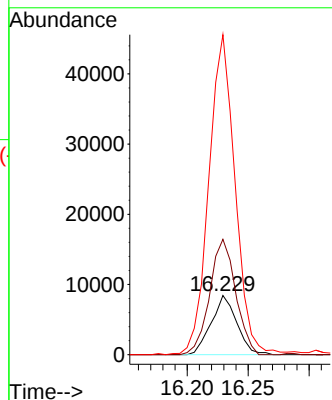
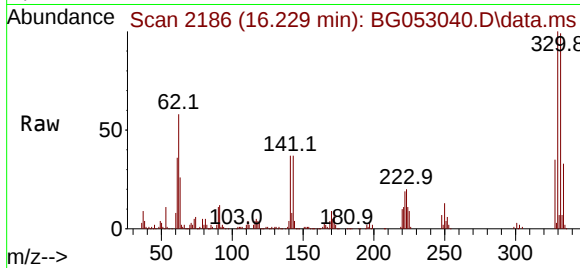




#67
4-Bromophenyl-phenylether
Concen: 4.964 ng
RT: 16.229 min Scan# 2186
Delta R.T. -0.464 min
Lab File: BG053040.D
Acq: 5 Apr 2022 20:30

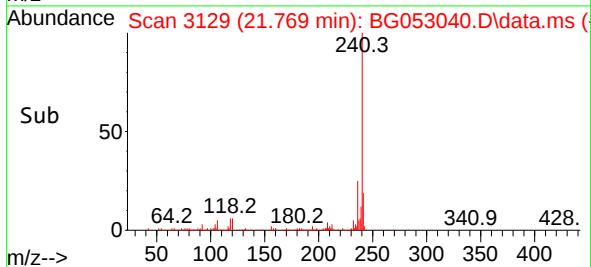
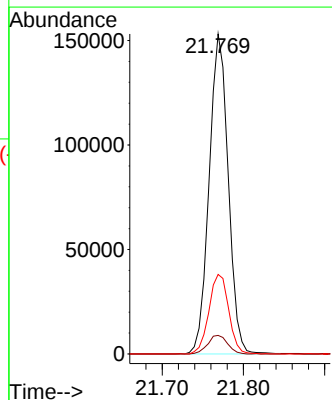
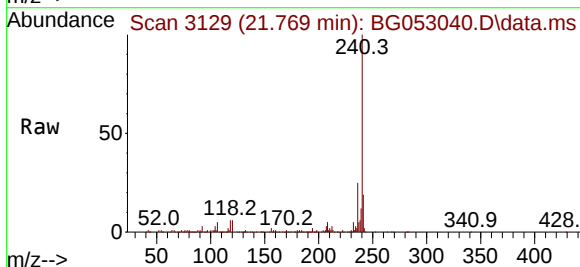
Instrument :
BNA_G
ClientSampleId :
WC-8-9-3-1

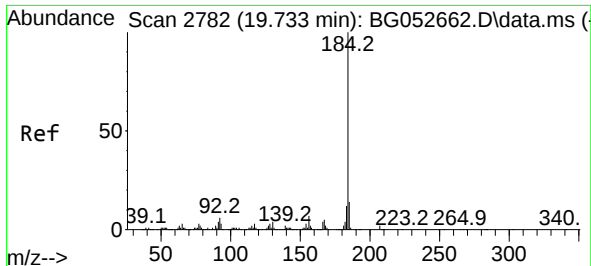
Tgt Ion:248 Resp: 12310
Ion Ratio Lower Upper
248 100
250 194.8 77.9 116.9#
141 540.7 49.2 73.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.769 min Scan# 3129
Delta R.T. -0.029 min
Lab File: BG053040.D
Acq: 5 Apr 2022 20:30

Tgt Ion:240 Resp: 250182
Ion Ratio Lower Upper
240 100
120 5.8 5.4 8.0
236 24.8 19.8 29.6

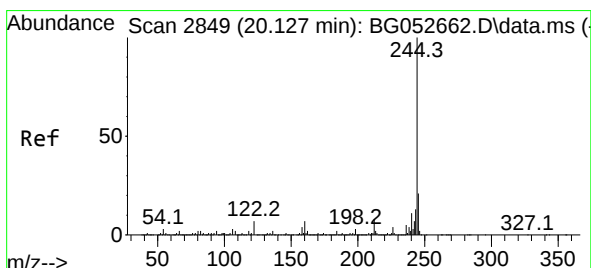
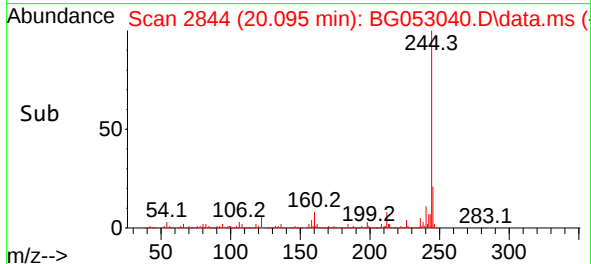
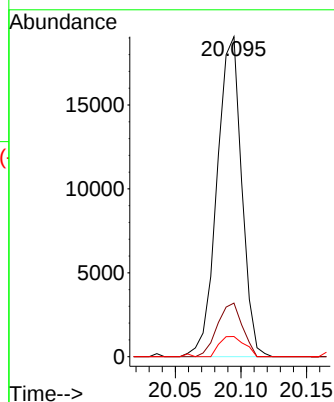
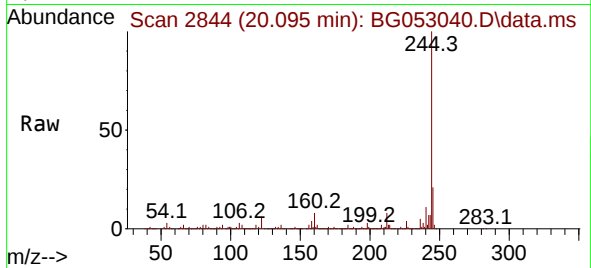




#77
Benzidine
Concen: 3.856 ng
RT: 20.095 min Scan# 2844
Delta R.T. 0.370 min
Lab File: BG053040.D
Acq: 5 Apr 2022 20:30

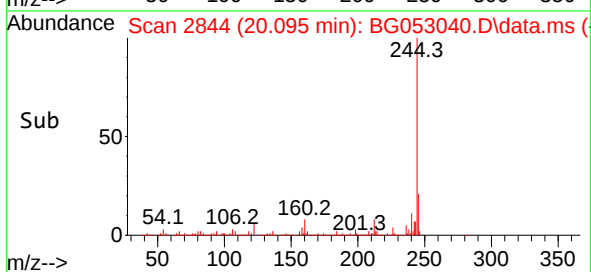
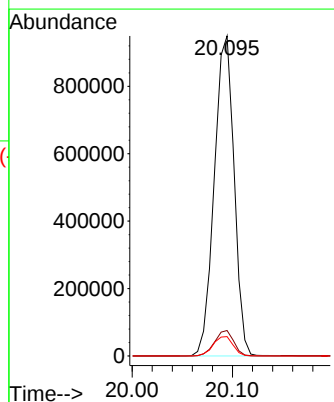
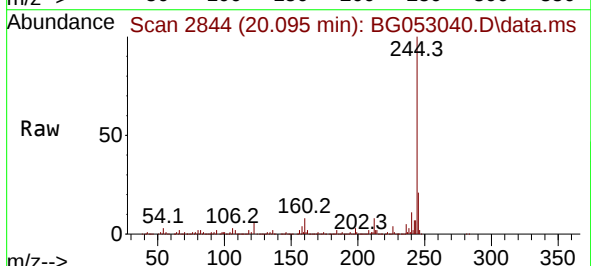
Instrument :
BNA_G
ClientSampleId :
WC-8-9-3-1

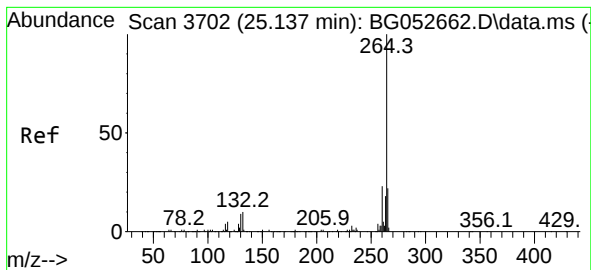
Tgt Ion:184 Resp: 24884
Ion Ratio Lower Upper
184 100
185 16.7 11.5 17.3
183 6.3 9.4 14.2#



#79
Terphenyl-d14
Concen: 92.429 ng
RT: 20.095 min Scan# 2844
Delta R.T. -0.018 min
Lab File: BG053040.D
Acq: 5 Apr 2022 20:30

Tgt Ion:244 Resp: 1299952
Ion Ratio Lower Upper
244 100
212 7.9 5.4 8.2
122 6.0 5.8 8.6





#86

Perylene-d12

Concen: 20.000 ng

RT: 25.064 min Scan# 30

Delta R.T. -0.047 min

Lab File: BG053040.D

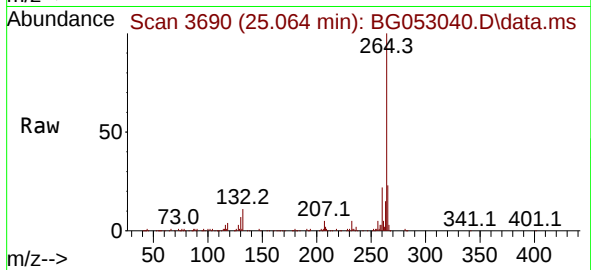
Acq: 5 Apr 2022 20:30

Instrument :

BNA_G

ClientSampleId :

WC-8-9-3-1



Tgt Ion:264 Resp: 265049

Ion Ratio Lower Upper

264 100

260 22.1 18.2 27.2

265 23.0 15.1 22.7#

