

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042122\
 Data File : BG053243.D
 Acq On : 21 Apr 2022 16:15
 Operator : CG/JU
 Sample : N2480-08
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-16-1A-2

Quant Time: Apr 22 02:57:00 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)

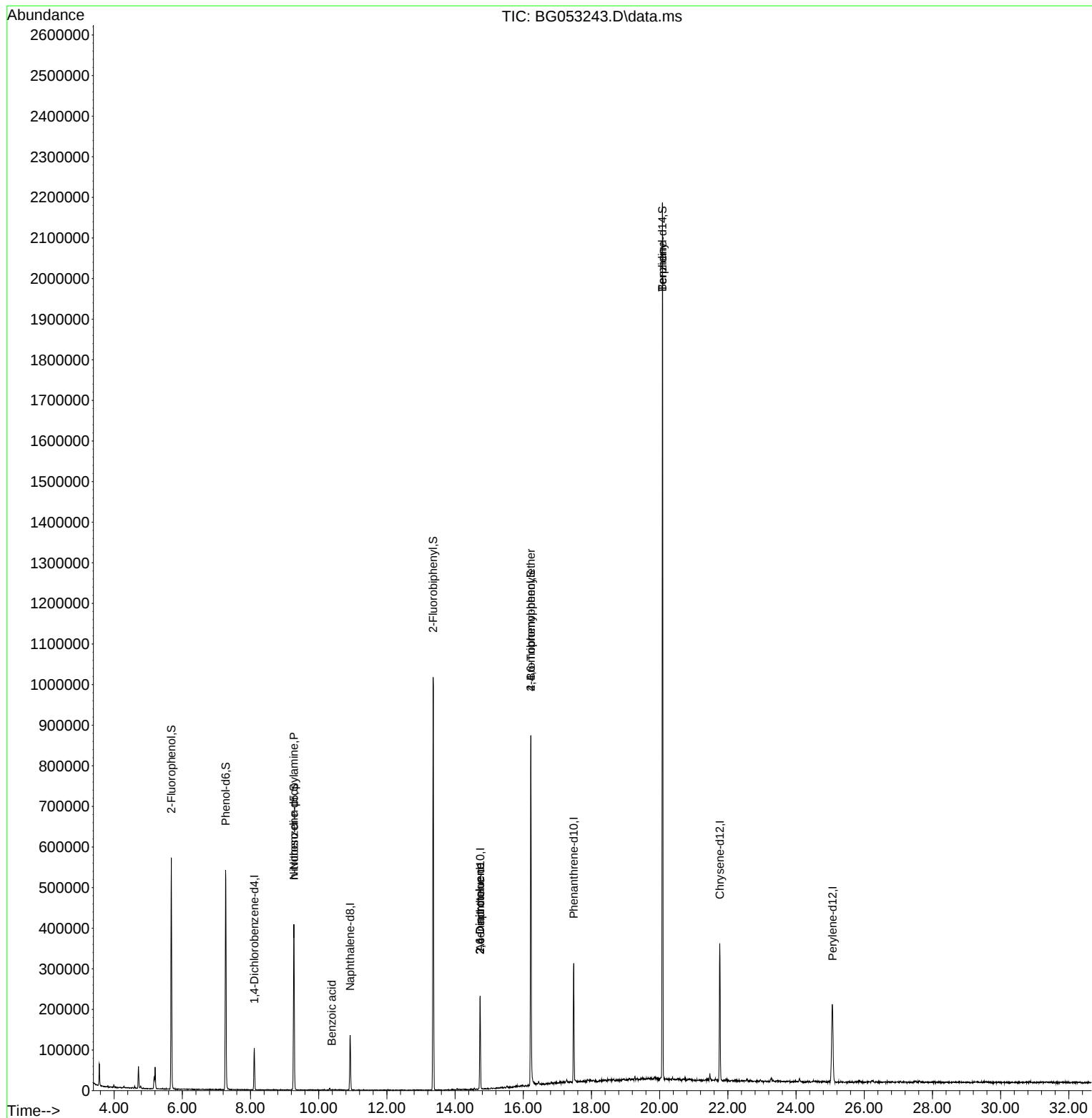
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.111	152	28229	20.000	ng	-0.01
21) Naphthalene-d8	10.925	136	109296	20.000	ng	#-0.01
39) Acenaphthene-d10	14.738	164	82535	20.000	ng	-0.01
64) Phenanthrene-d10	17.481	188	190091	20.000	ng	-0.01
76) Chrysene-d12	21.763	240	216281	20.000	ng	-0.01
86) Perylene-d12	25.071	264	226115	20.000	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.679	112	228831	138.956	ng	0.00
7) Phenol-d6	7.271	99	307660	121.149	ng	-0.01
23) Nitrobenzene-d5	9.274	82	252556	93.824	ng	-0.01
42) 2,4,6-Tribromophenol	16.224	330	181208	138.000	ng	-0.01
45) 2-Fluorobiphenyl	13.357	172	557675	93.170	ng	-0.01
79) Terphenyl-d14	20.083	244	1092849	85.339	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.274	70	35872	19.294	ng	# 79
32) Benzoic acid	10.385	122	65	3.688	ng	92
51) 2,6-Dinitrotoluene	14.732	165	10932	7.938	ng	# 24
57) 2,4-Dinitrotoluene	14.732	165	10932	5.576	ng	# 22
67) 4-Bromophenyl-phenylether	16.224	248	11968	4.914	ng	# 1
77) Benzidine	20.083	184	19600	3.176	ng	# 91

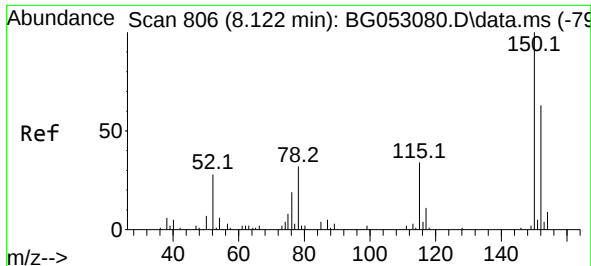
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042122\
Data File : BG053243.D
Acq On : 21 Apr 2022 16:15
Operator : CG/JU
Sample : N2480-08
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-16-1A-2

Quant Time: Apr 22 02:57:00 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

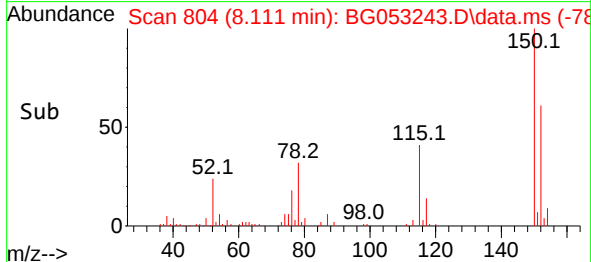
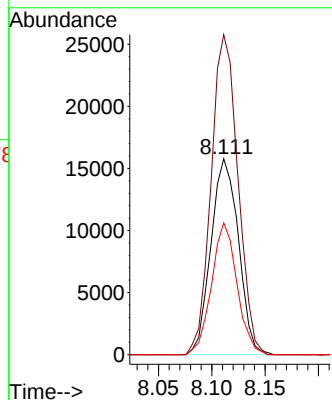
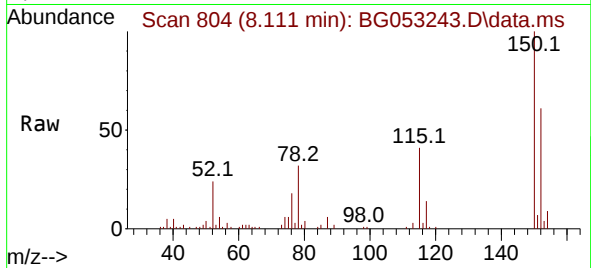




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.111 min Scan# 804
Delta R.T. -0.011 min
Lab File: BG053243.D
Acq: 21 Apr 2022 16:15

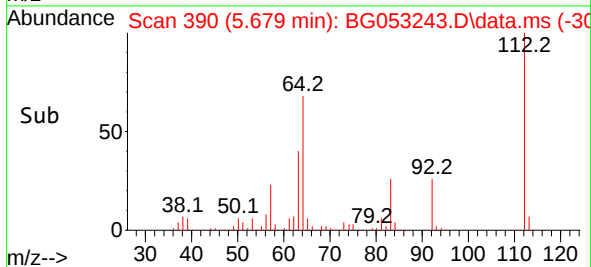
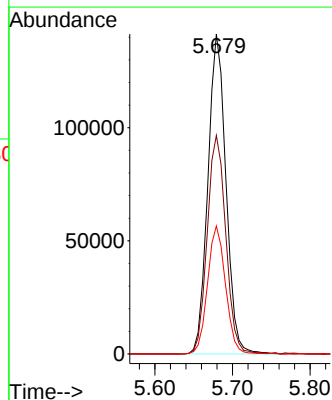
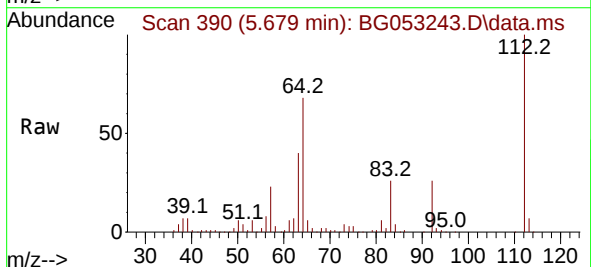
Instrument :
BNA_G
ClientSampleId :
WC-16-1A-2

Tgt Ion:152 Resp: 28229
Ion Ratio Lower Upper
152 100
150 163.3 114.6 172.0
115 67.3 45.9 68.9



#5
2-Fluorophenol
Concen: 138.956 ng
RT: 5.679 min Scan# 390
Delta R.T. -0.005 min
Lab File: BG053243.D
Acq: 21 Apr 2022 16:15

Tgt Ion:112 Resp: 228831
Ion Ratio Lower Upper
112 100
64 68.3 48.0 72.0
63 40.0 26.5 39.7#

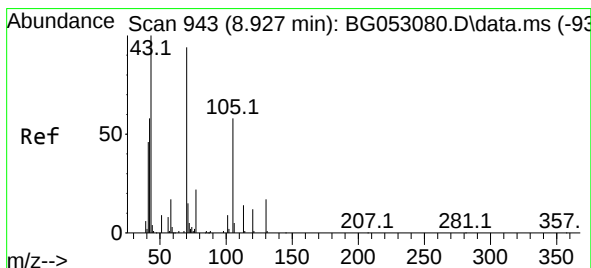
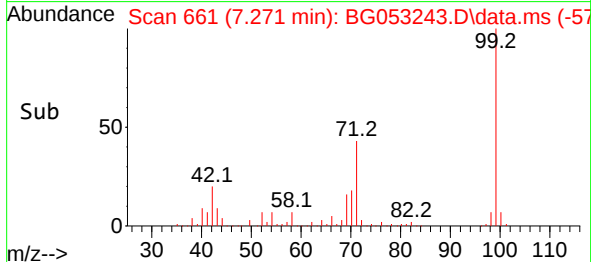
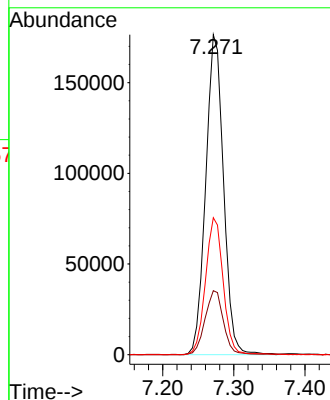
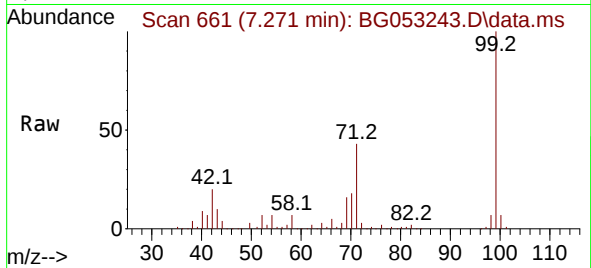




#7
Phenol-d6
Concen: 121.149 ng
RT: 7.271 min Scan# 60
Delta R.T. -0.011 min
Lab File: BG053243.D
Acq: 21 Apr 2022 16:15

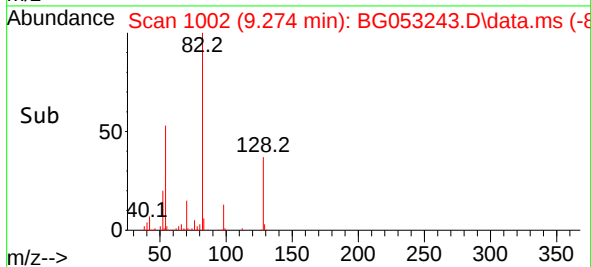
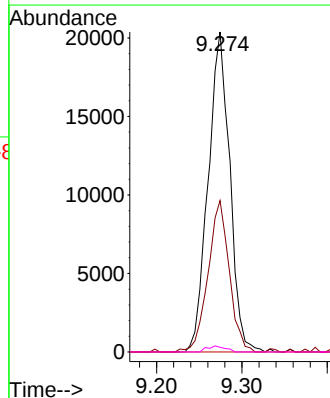
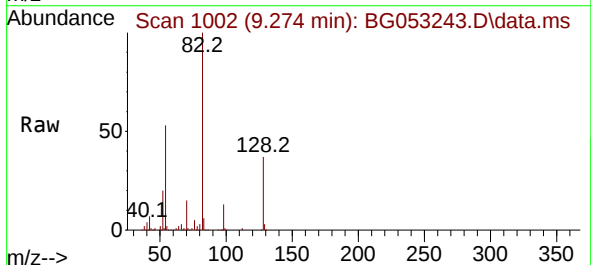
Instrument :
BNA_G
ClientSampleId :
WC-16-1A-2

Tgt Ion: 99 Resp: 307660
Ion Ratio Lower Upper
99 100
42 20.0 14.7 22.1
71 42.8 29.2 43.8



#19
n-Nitroso-di-n-propylamine
Concen: 19.294 ng
RT: 9.274 min Scan# 1002
Delta R.T. 0.348 min
Lab File: BG053243.D
Acq: 21 Apr 2022 16:15

Tgt Ion: 70 Resp: 35872
Ion Ratio Lower Upper
70 100
42 47.3 46.0 69.0
101 0.0 6.2 9.4#
130 1.4 17.0 25.4#

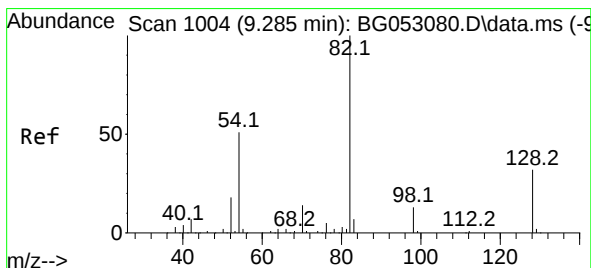
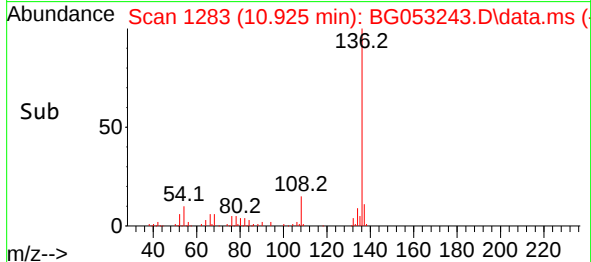
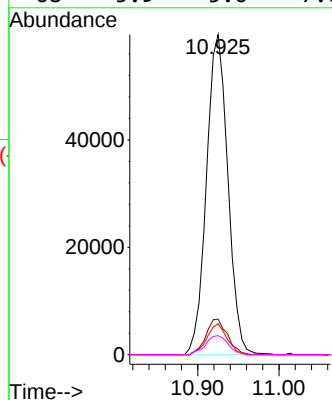
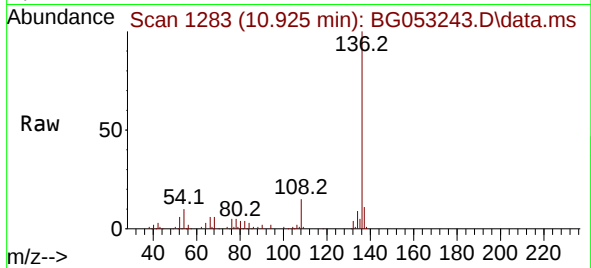




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.925 min Scan# 1002
Delta R.T. -0.011 min
Lab File: BG053243.D
Acq: 21 Apr 2022 16:15

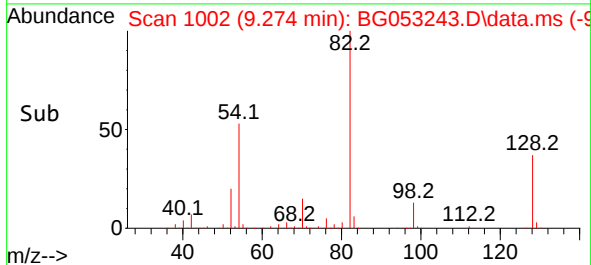
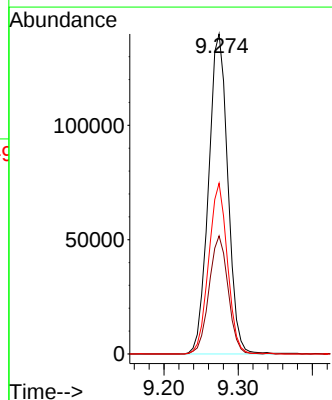
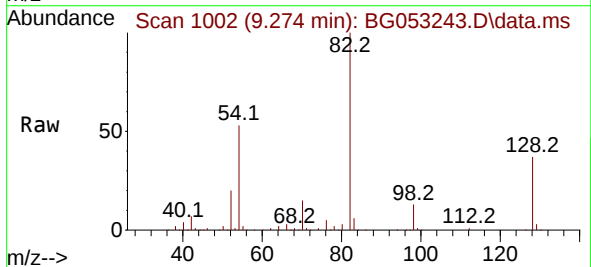
Instrument :
BNA_G
ClientSampleId :
WC-16-1A-2

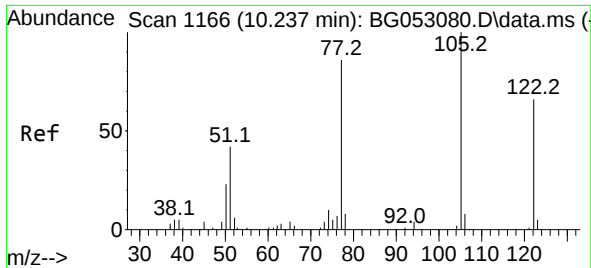
Tgt Ion:136 Resp: 109296
Ion Ratio Lower Upper
136 100
137 11.1 9.4 14.2
54 9.7 6.4 9.6#
68 5.9 5.0 7.6



#23
Nitrobenzene-d5
Concen: 93.824 ng
RT: 9.274 min Scan# 1002
Delta R.T. -0.011 min
Lab File: BG053243.D
Acq: 21 Apr 2022 16:15

Tgt Ion: 82 Resp: 252556
Ion Ratio Lower Upper
82 100
128 36.9 31.3 46.9
54 53.3 37.8 56.8

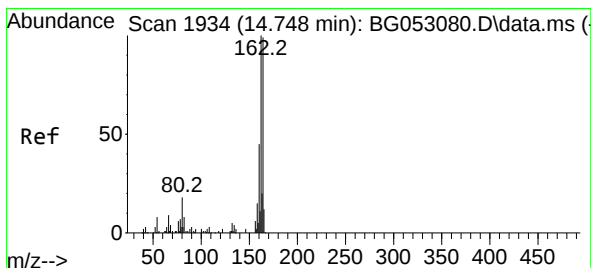
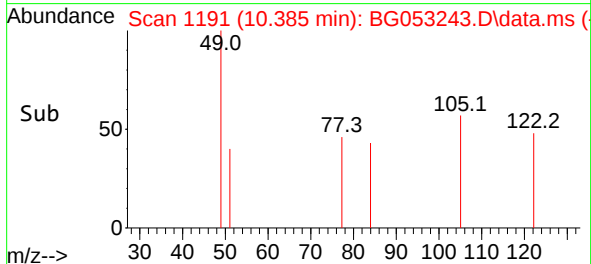
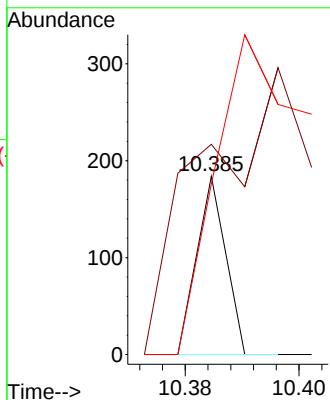
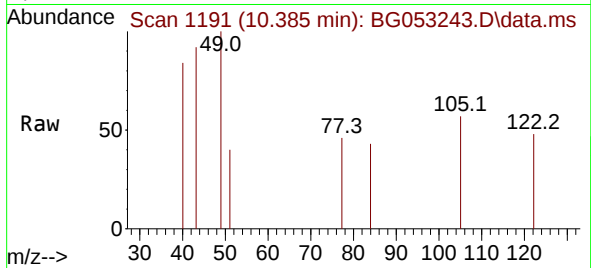




#32
Benzoic acid
Concen: 3.688 ng
RT: 10.385 min Scan# 1166
Delta R.T. 0.148 min
Lab File: BG053243.D
Acq: 21 Apr 2022 16:15

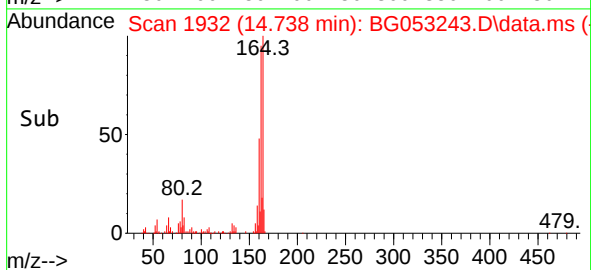
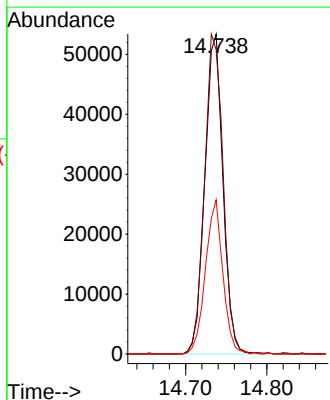
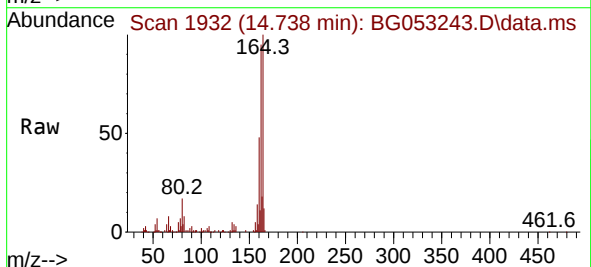
Instrument :
BNA_G
ClientSampleId :
WC-16-1A-2

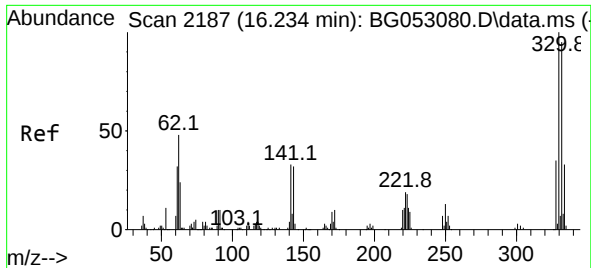
Tgt Ion:122 Resp: 65
Ion Ratio Lower Upper
122 100
105 117.9 112.8 152.8
77 95.7 78.4 118.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.738 min Scan# 1932
Delta R.T. -0.011 min
Lab File: BG053243.D
Acq: 21 Apr 2022 16:15

Tgt Ion:164 Resp: 82535
Ion Ratio Lower Upper
164 100
162 95.2 80.0 120.0
160 48.2 38.8 58.2

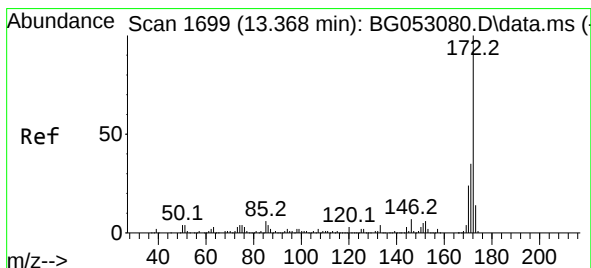
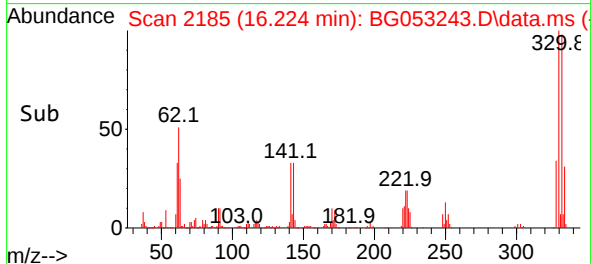
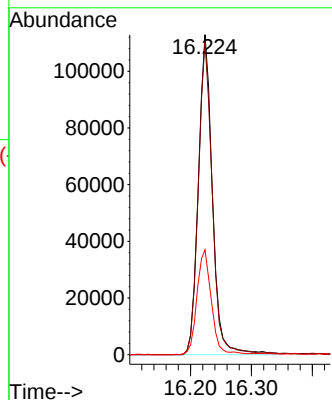
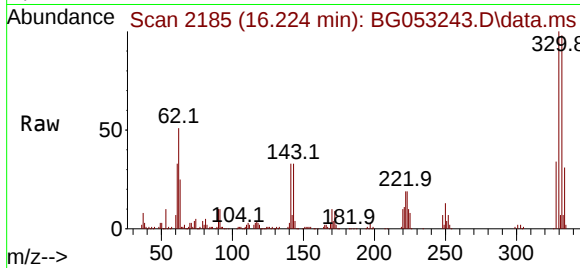




#42
2,4,6-Tribromophenol
Concen: 138.000 ng
RT: 16.224 min Scan# 2187
Delta R.T. -0.011 min
Lab File: BG053243.D
Acq: 21 Apr 2022 16:15

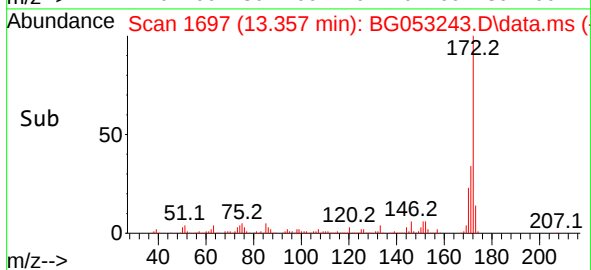
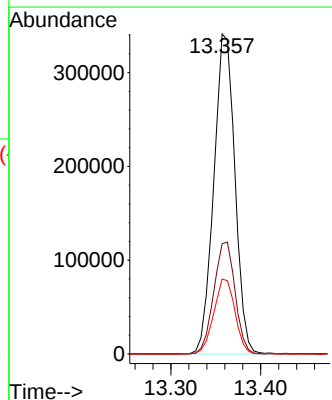
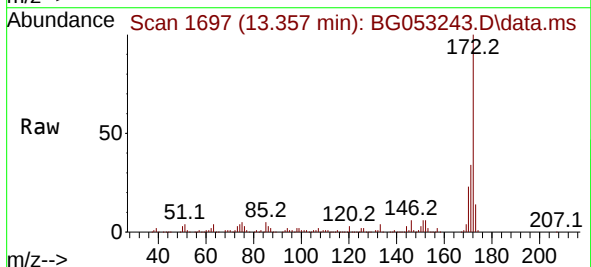
Instrument :
BNA_G
ClientSampleId :
WC-16-1A-2

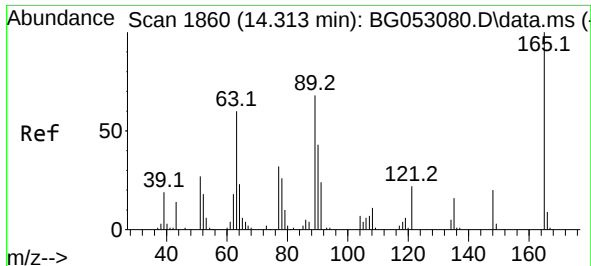
Tgt Ion:330 Resp: 181208
Ion Ratio Lower Upper
330 100
332 96.7 75.8 113.6
141 33.6 24.6 36.8



#45
2-Fluorobiphenyl
Concen: 93.170 ng
RT: 13.357 min Scan# 1697
Delta R.T. -0.011 min
Lab File: BG053243.D
Acq: 21 Apr 2022 16:15

Tgt Ion:172 Resp: 557675
Ion Ratio Lower Upper
172 100
171 34.5 28.3 42.5
170 23.4 18.0 27.0

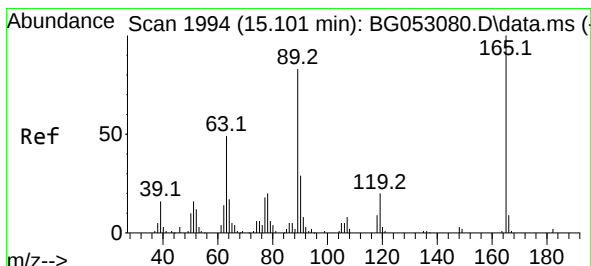
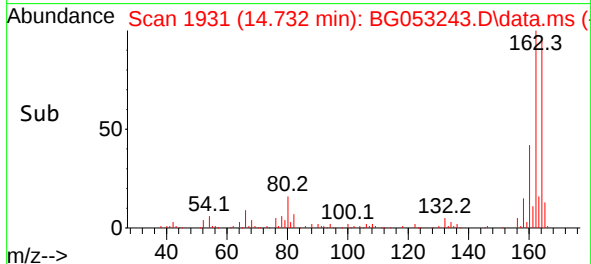
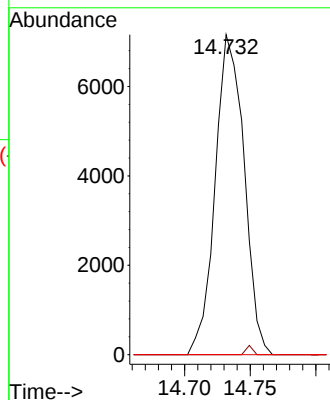
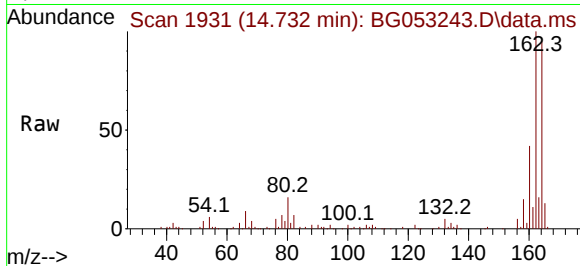




#51
2,6-Dinitrotoluene
Concen: 7.938 ng
RT: 14.732 min Scan# 1931
Delta R.T. 0.418 min
Lab File: BG053243.D
Acq: 21 Apr 2022 16:15

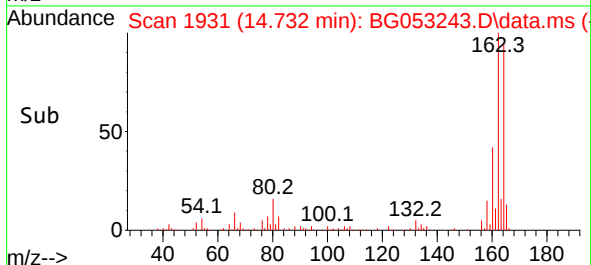
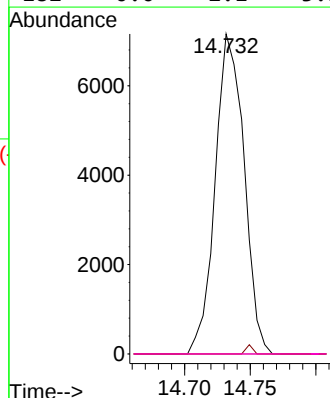
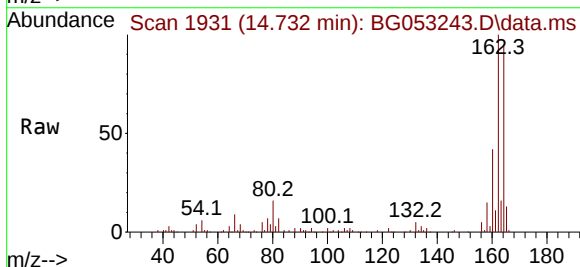
Instrument :
BNA_G
ClientSampleId :
WC-16-1A-2

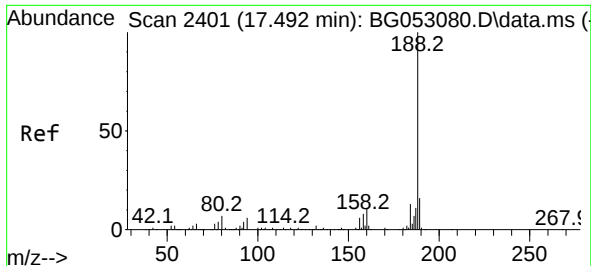
Tgt Ion:165 Resp: 10932
Ion Ratio Lower Upper
165 100
63 0.0 43.7 65.5#
89 0.0 45.0 67.4#



#57
2,4-Dinitrotoluene
Concen: 5.576 ng
RT: 14.732 min Scan# 1931
Delta R.T. -0.369 min
Lab File: BG053243.D
Acq: 21 Apr 2022 16:15

Tgt Ion:165 Resp: 10932
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#

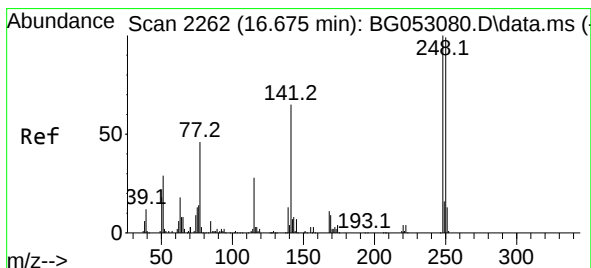
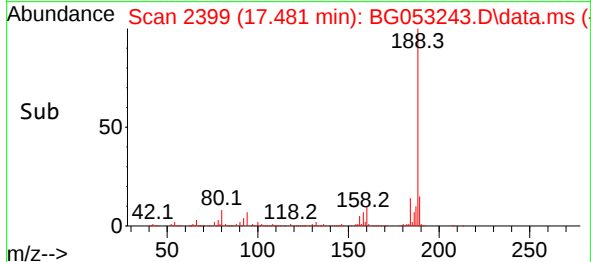
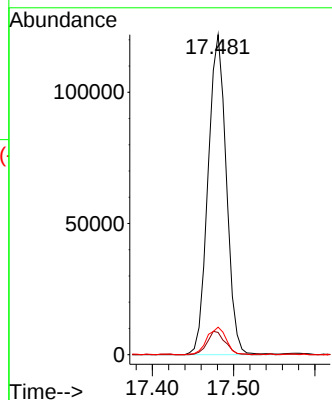
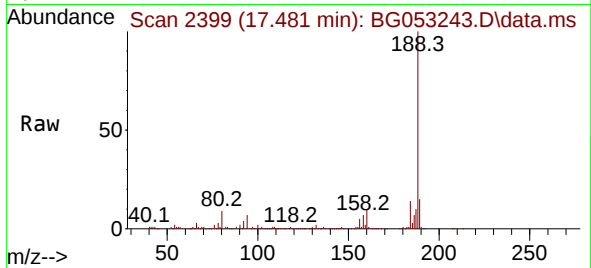




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.481 min Scan# 2185
Delta R.T. -0.011 min
Lab File: BG053243.D
Acq: 21 Apr 2022 16:15

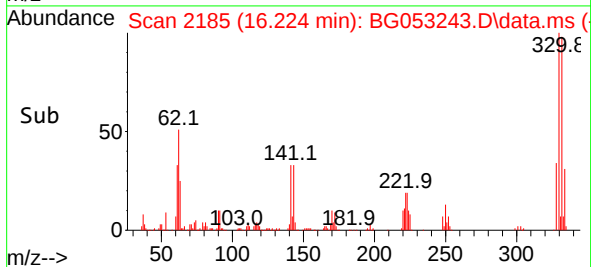
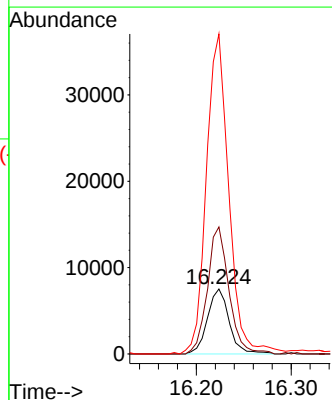
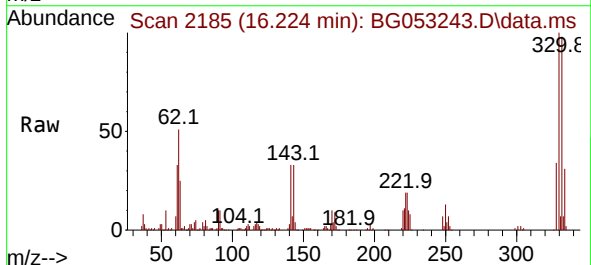
Instrument :
BNA_G
ClientSampleId :
WC-16-1A-2

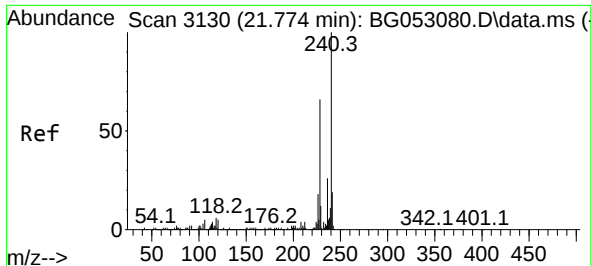
Tgt Ion:188 Resp: 190091
Ion Ratio Lower Upper
188 100
94 7.0 5.7 8.5
80 8.6 7.2 10.8



#67
4-Bromophenyl-phenylether
Concen: 4.914 ng
RT: 16.224 min Scan# 2185
Delta R.T. -0.451 min
Lab File: BG053243.D
Acq: 21 Apr 2022 16:15

Tgt Ion:248 Resp: 11968
Ion Ratio Lower Upper
248 100
250 195.5 77.9 116.9#
141 492.7 49.2 73.8#

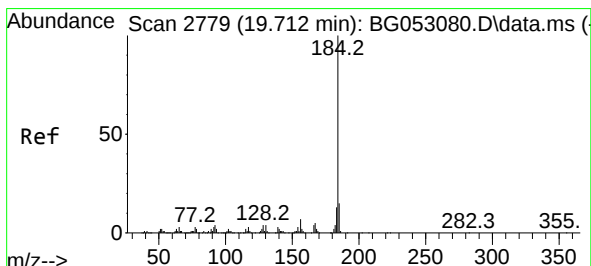
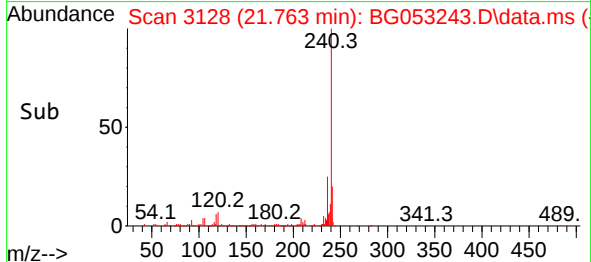
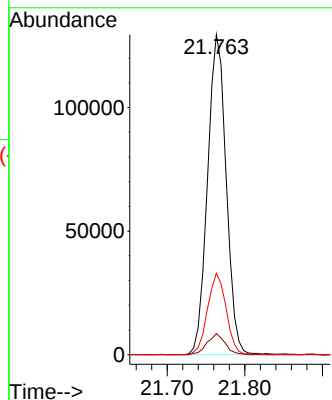
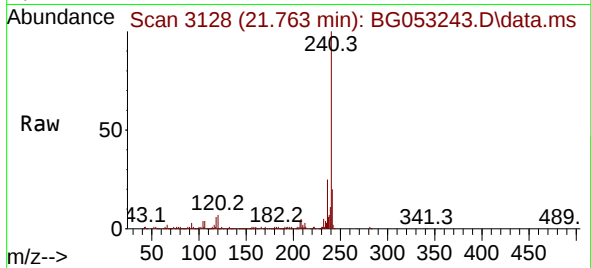




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.763 min Scan# 31
Delta R.T. -0.011 min
Lab File: BG053243.D
Acq: 21 Apr 2022 16:15

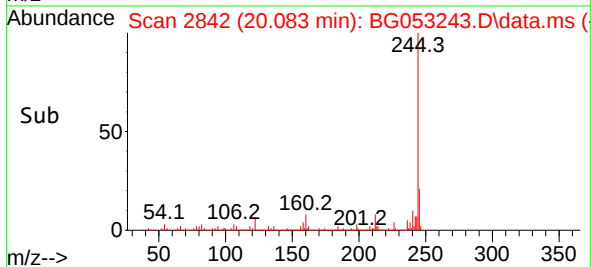
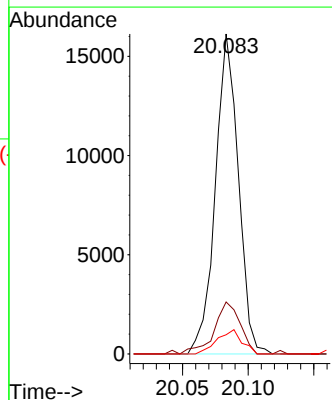
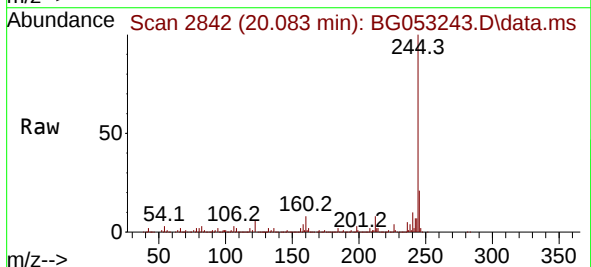
Instrument :
BNA_G
ClientSampleId :
WC-16-1A-2

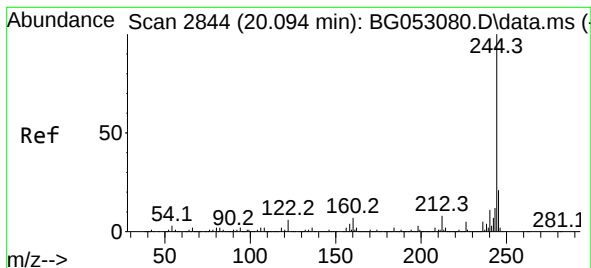
Tgt Ion:240 Resp: 216281
Ion Ratio Lower Upper
240 100
120 6.6 5.4 8.0
236 25.4 19.8 29.6



#77
Benzidine
Concen: 3.176 ng
RT: 20.083 min Scan# 2842
Delta R.T. 0.371 min
Lab File: BG053243.D
Acq: 21 Apr 2022 16:15

Tgt Ion:184 Resp: 19600
Ion Ratio Lower Upper
184 100
185 16.2 11.5 17.3
183 6.0 9.4 14.2#





#79

Terphenyl-d14

Concen: 85.339 ng

RT: 20.083 min Scan# 21

Delta R.T. -0.011 min

Lab File: BG053243.D

Acq: 21 Apr 2022 16:15

Instrument :

BNA_G

ClientSampleId :

WC-16-1A-2

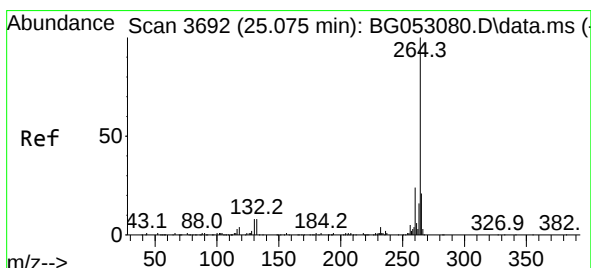
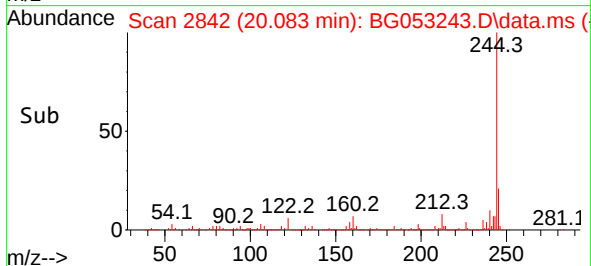
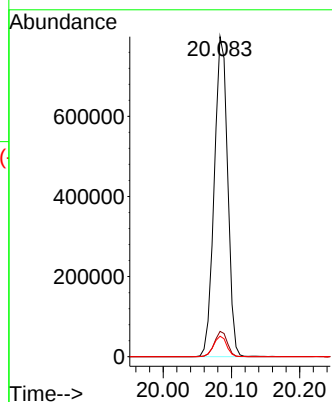
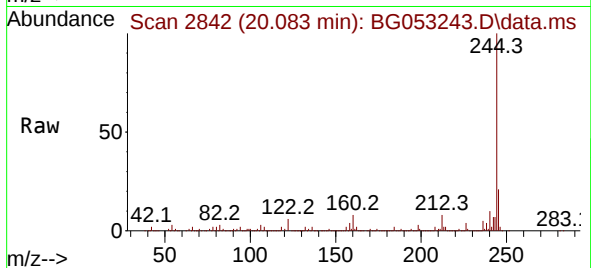
Tgt Ion:244 Resp: 1092849

Ion Ratio Lower Upper

244 100

212 7.9 5.4 8.2

122 6.4 5.8 8.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.071 min Scan# 3691

Delta R.T. -0.005 min

Lab File: BG053243.D

Acq: 21 Apr 2022 16:15

Tgt Ion:264 Resp: 226115

Ion Ratio Lower Upper

264 100

260 21.9 18.2 27.2

265 22.7 15.1 22.7#

