

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041122\
 Data File : BG053101.D
 Acq On : 11 Apr 2022 14:59
 Operator : CG/JU
 Sample : N2349-20
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 COM-1

Quant Time: Apr 12 06:07:41 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)

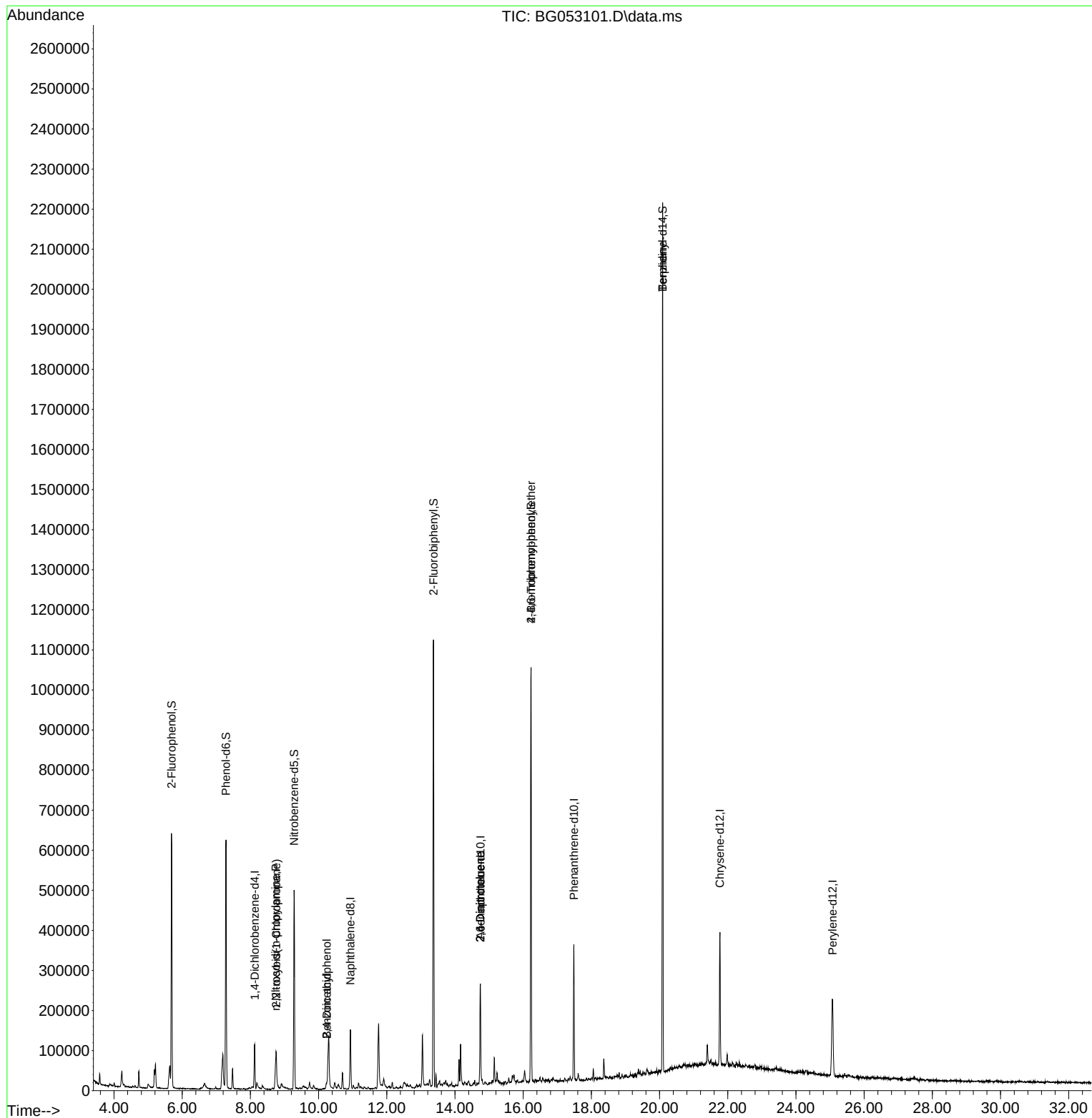
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.123	152	30267	20.000	ng	0.00
21) Naphthalene-d8	10.931	136	118451	20.000	ng	# 0.00
39) Acenaphthene-d10	14.744	164	90404	20.000	ng	0.00
64) Phenanthrene-d10	17.487	188	205793	20.000	ng	0.00
76) Chrysene-d12	21.769	240	210760	20.000	ng	# 0.00
86) Perylene-d12	25.071	264	220457	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.685	112	251733	142.570	ng	0.00
7) Phenol-d6	7.283	99	347359	127.571	ng	0.00
23) Nitrobenzene-d5	9.281	82	284964	97.682	ng	0.00
42) 2,4,6-Tribromophenol	16.230	330	206733	143.735	ng	0.00
45) 2-Fluorobiphenyl	13.369	172	606313	92.479	ng	0.00
79) Terphenyl-d14	20.089	244	1075186	86.159	ng	0.00
Target Compounds						
						Qvalue
16) 2,2'-oxybis(1-Chloropr...	8.758	45	11328	3.473	ng	71
19) n-Nitroso-di-n-propyla...	8.746	70	7569	3.797	ng	# 35
27) 2,4-Dimethylphenol	10.238	122	8427	4.959	ng	# 2
32) Benzoic acid	10.238	122	8427	10.673	ng	# 89
51) 2,6-Dinitrotoluene	14.738	165	11807	7.827	ng	# 27
57) 2,4-Dinitrotoluene	14.738	165	11807	5.498	ng	# 26
67) 4-Bromophenyl-phenylether	16.230	248	13721	5.203	ng	# 1
77) Benzidine	20.089	184	19706	3.277	ng	# 90

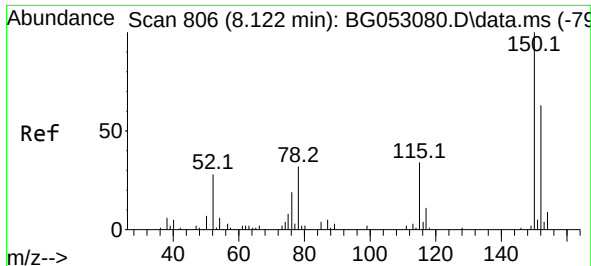
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041122\
Data File : BG053101.D
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Misc :
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BNA_G
ClientSampleId :
COM-1

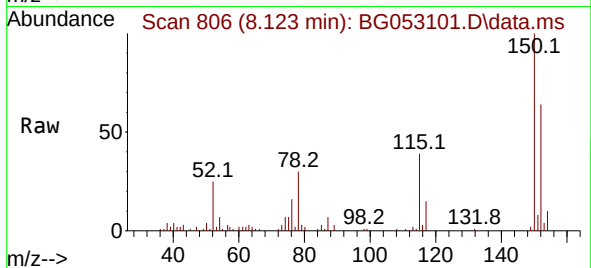
Quant Time: Apr 12 06:07:41 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
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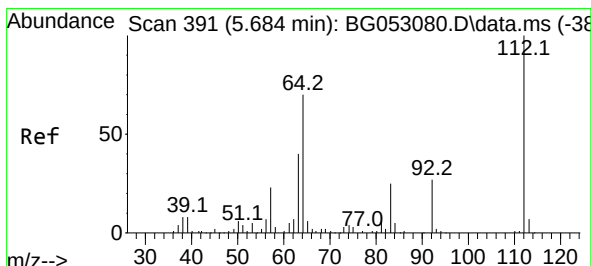
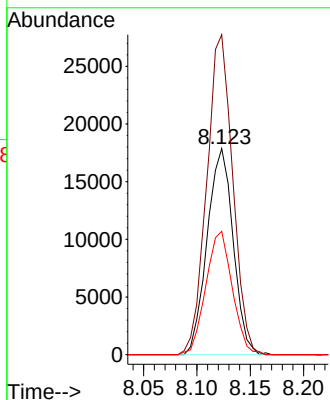
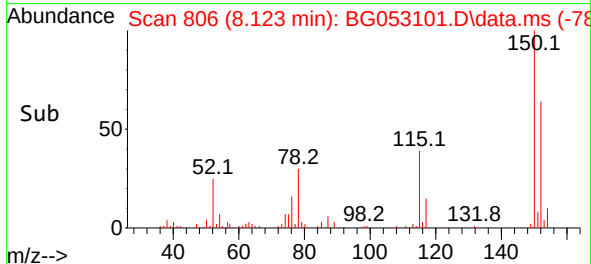


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.123 min Scan# 806
Delta R.T. 0.001 min
Lab File: BG053101.D
Acq: 11 Apr 2022 14:59

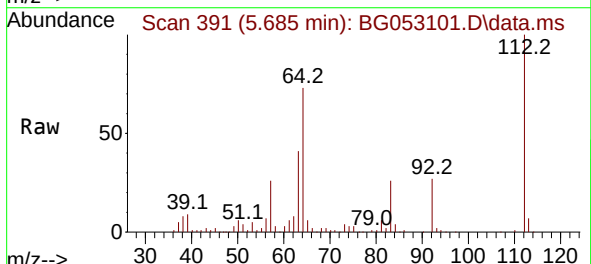
Instrument :
BNA_G
ClientSampleId :
COM-1



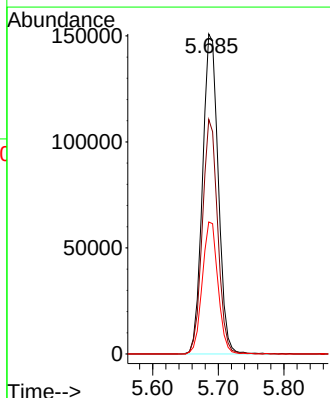
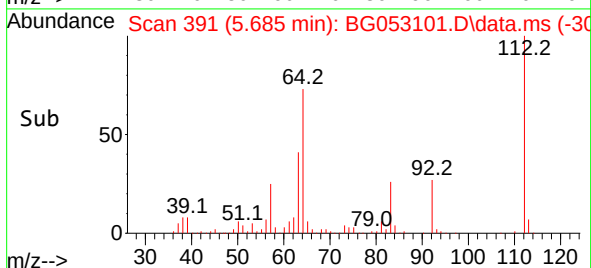
Tgt Ion:152 Resp: 30267
Ion Ratio Lower Upper
152 100
150 155.3 114.6 172.0
115 59.9 45.9 68.9

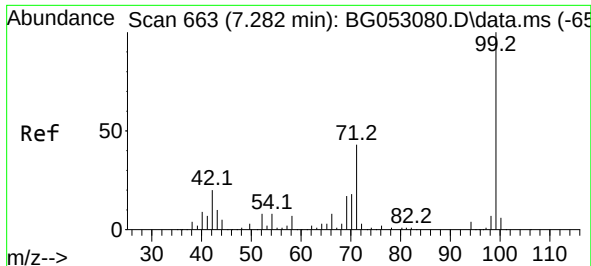


#5
2-Fluorophenol
Concen: 142.570 ng
RT: 5.685 min Scan# 391
Delta R.T. 0.001 min
Lab File: BG053101.D
Acq: 11 Apr 2022 14:59



Tgt Ion:112 Resp: 251733
Ion Ratio Lower Upper
112 100
64 73.3 48.0 72.0#
63 41.2 26.5 39.7#

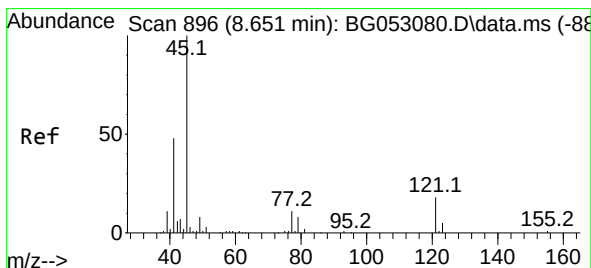
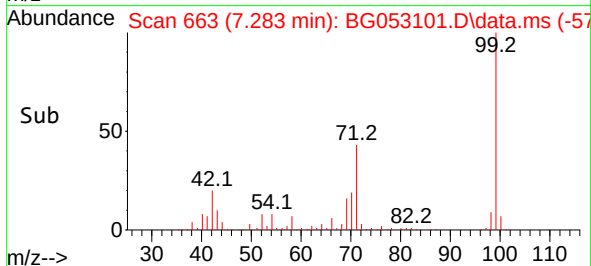
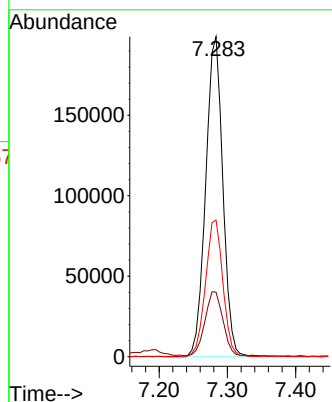
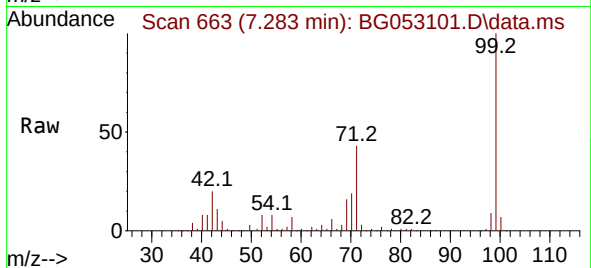




#7
Phenol-d6
Concen: 127.571 ng
RT: 7.283 min Scan# 60
Delta R.T. 0.001 min
Lab File: BG053101.D
Acq: 11 Apr 2022 14:59

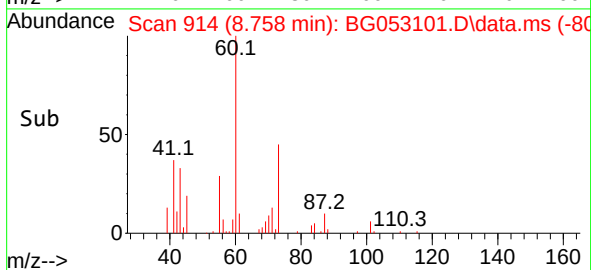
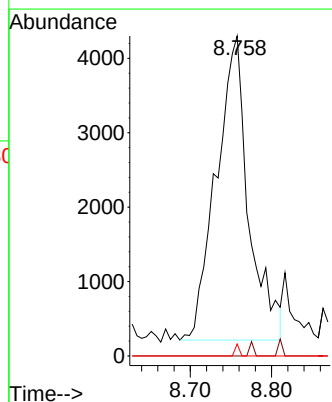
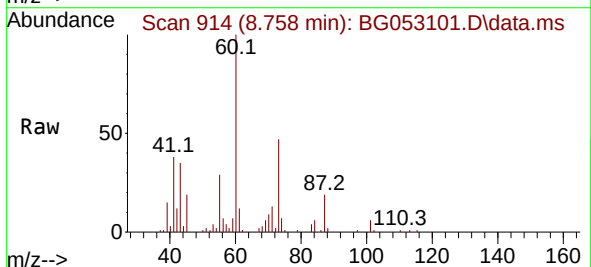
Instrument :
BNA_G
ClientSampleId :
COM-1

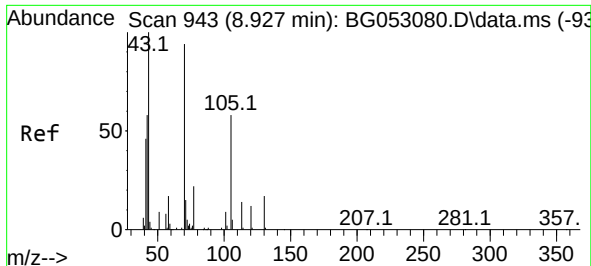
Tgt Ion: 99 Resp: 347359
Ion Ratio Lower Upper
99 100
42 20.2 14.7 22.1
71 42.7 29.2 43.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 3.473 ng
RT: 8.758 min Scan# 914
Delta R.T. 0.107 min
Lab File: BG053101.D
Acq: 11 Apr 2022 14:59

Tgt Ion: 45 Resp: 11328
Ion Ratio Lower Upper
45 100
77 0.0 0.0 34.9
79 3.8 0.0 30.7

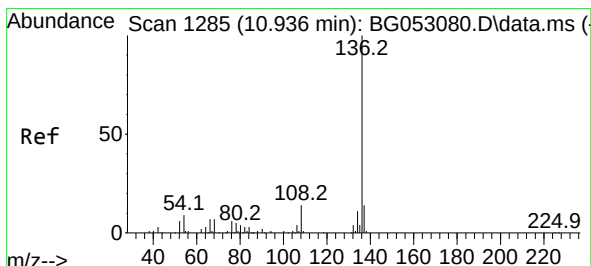
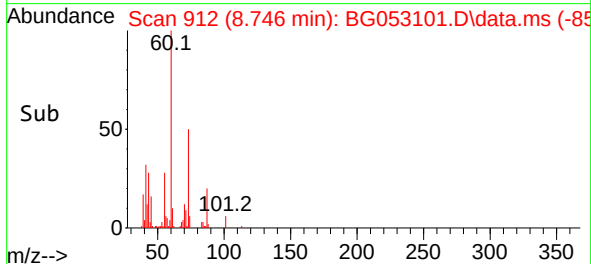
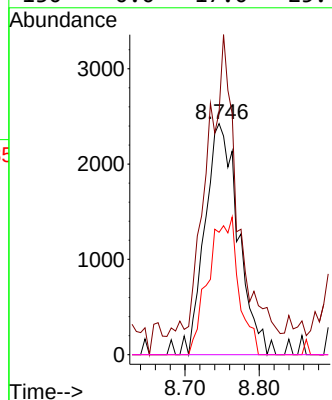
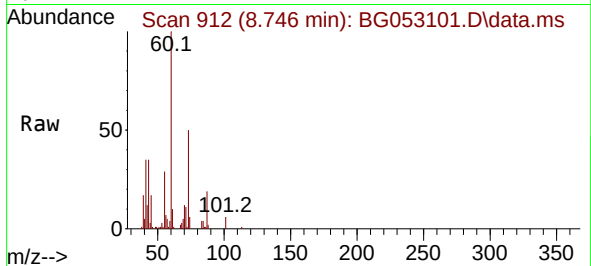




#19
n-Nitroso-di-n-propylamine
Concen: 3.797 ng
RT: 8.746 min Scan# 912
Delta R.T. -0.181 min
Lab File: BG053101.D
Acq: 11 Apr 2022 14:59

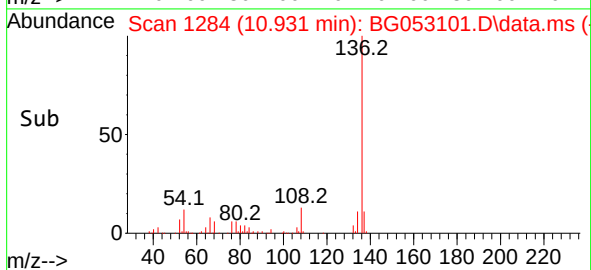
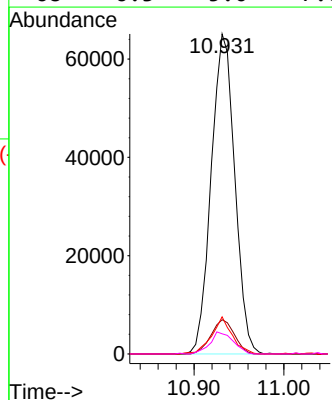
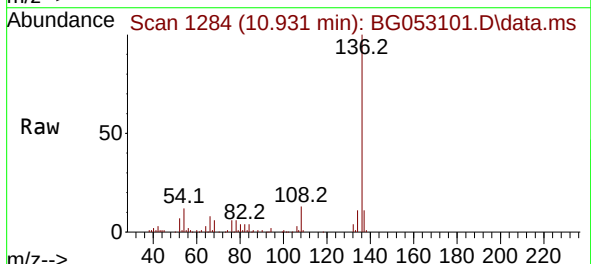
Instrument :
BNA_G
ClientSampleId :
COM-1

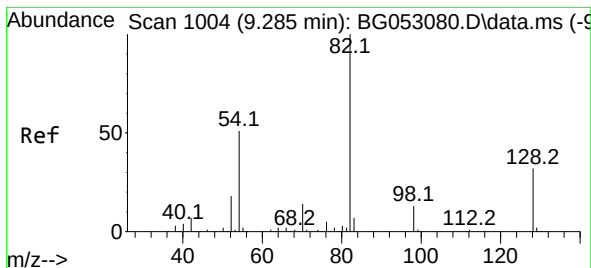
Tgt Ion: 70 Resp: 7569
Ion Ratio Lower Upper
70 100
42 104.9 46.0 69.0#
101 53.0 6.2 9.4#
130 0.0 17.0 25.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.931 min Scan# 1284
Delta R.T. -0.005 min
Lab File: BG053101.D
Acq: 11 Apr 2022 14:59

Tgt Ion: 136 Resp: 118451
Ion Ratio Lower Upper
136 100
137 10.7 9.4 14.2
54 11.6 6.4 9.6#
68 6.3 5.0 7.6





#23

Nitrobenzene-d5

Concen: 97.682 ng

RT: 9.281 min Scan# 1100

Delta R.T. -0.005 min

Lab File: BG053101.D

Acq: 11 Apr 2022 14:59

Instrument :

BNA_G

ClientSampleId :

COM-1

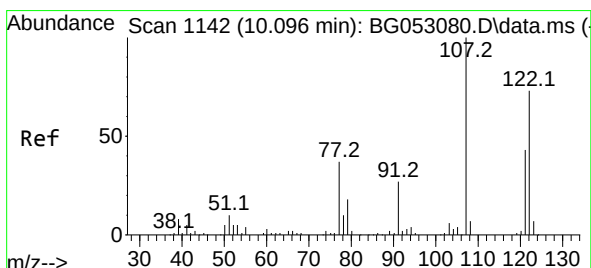
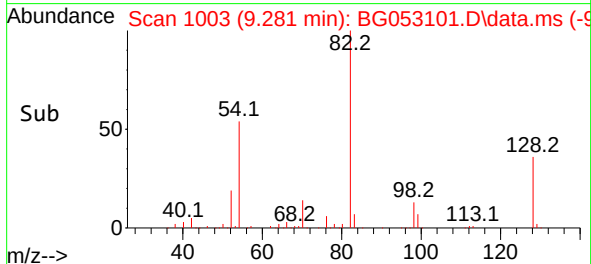
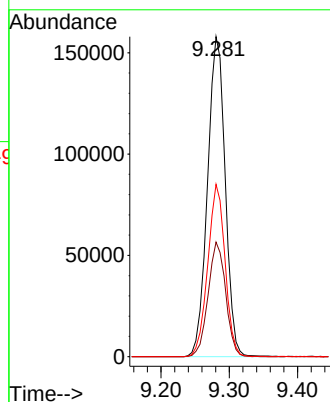
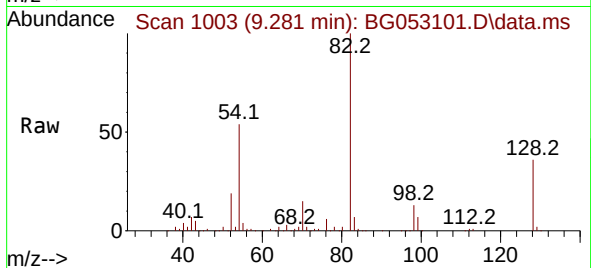
Tgt Ion: 82 Resp: 284964

Ion Ratio Lower Upper

82 100

128 35.8 31.3 46.9

54 53.9 37.8 56.8



#27

2,4-Dimethylphenol

Concen: 4.959 ng

RT: 10.238 min Scan# 1166

Delta R.T. 0.142 min

Lab File: BG053101.D

Acq: 11 Apr 2022 14:59

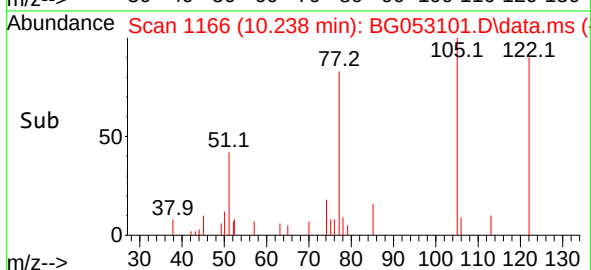
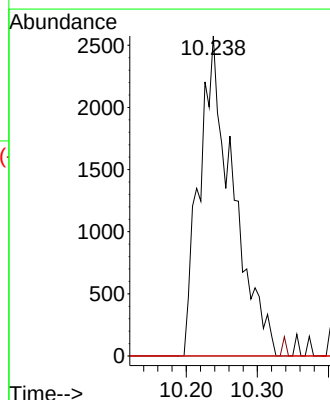
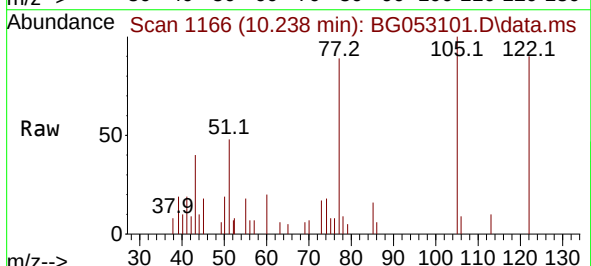
Tgt Ion:122 Resp: 8427

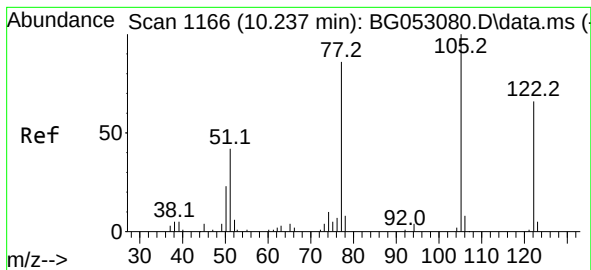
Ion Ratio Lower Upper

122 100

107 0.0 96.7 145.1#

121 0.0 46.3 69.5#





#32

Benzoic acid

Concen: 10.673 ng

RT: 10.238 min Scan# 1166

Delta R.T. 0.001 min

Lab File: BG053101.D

Acq: 11 Apr 2022 14:59

Instrument :

BNA_G

ClientSampleId :

COM-1

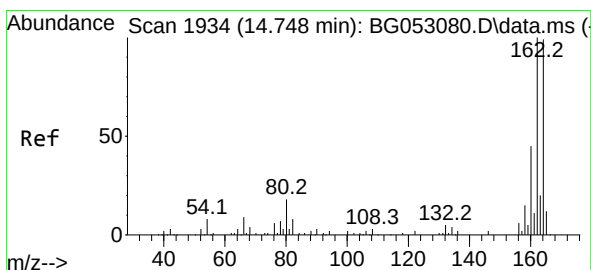
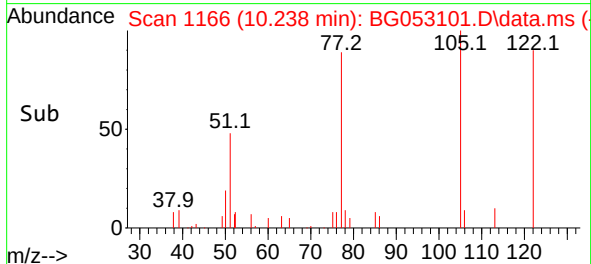
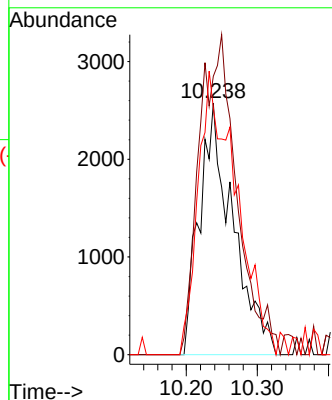
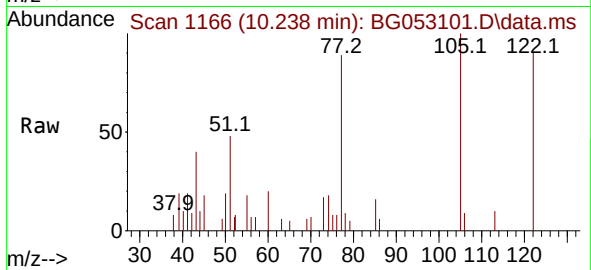
Tgt Ion:122 Resp: 8427

Ion Ratio Lower Upper

122 100

105 110.6 112.8 152.8#

77 98.2 78.4 118.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.744 min Scan# 1933

Delta R.T. -0.005 min

Lab File: BG053101.D

Acq: 11 Apr 2022 14:59

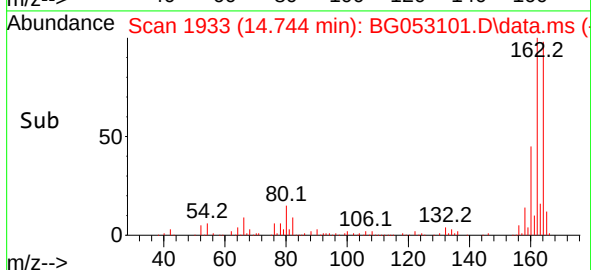
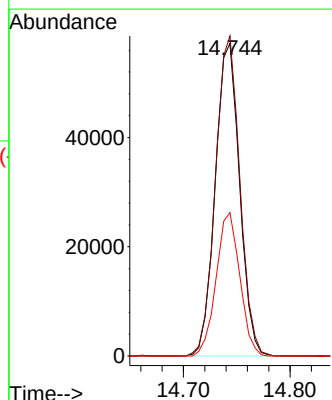
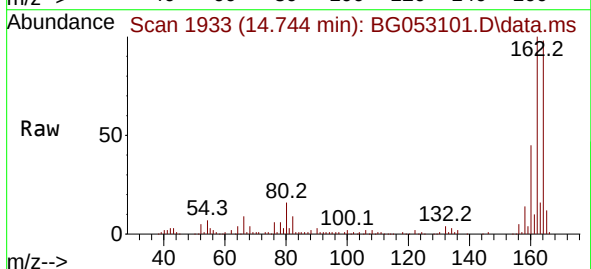
Tgt Ion:164 Resp: 90404

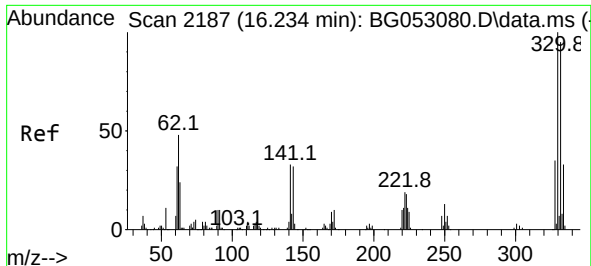
Ion Ratio Lower Upper

164 100

162 102.4 80.0 120.0

160 45.8 38.8 58.2

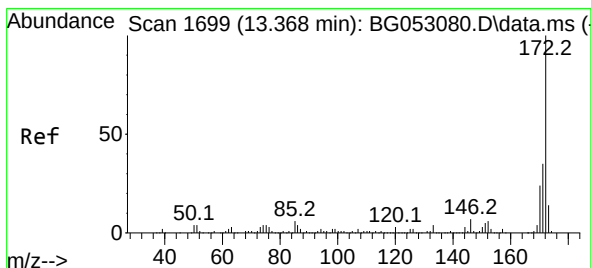
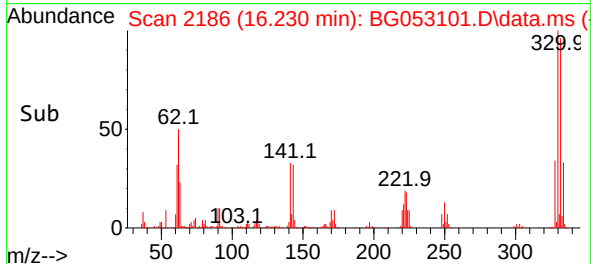
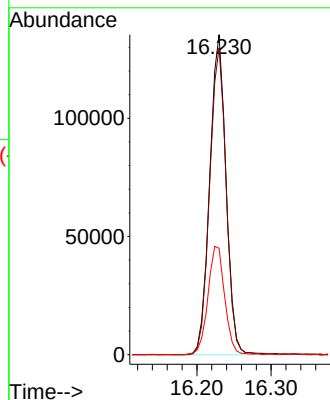
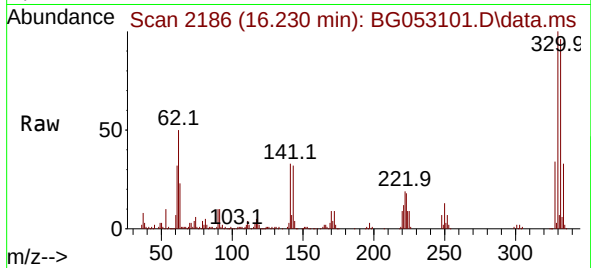




#42
2,4,6-Tribromophenol
Concen: 143.735 ng
RT: 16.230 min Scan# 2187
Delta R.T. -0.005 min
Lab File: BG053101.D
Acq: 11 Apr 2022 14:59

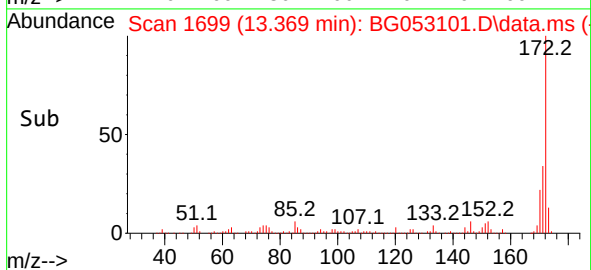
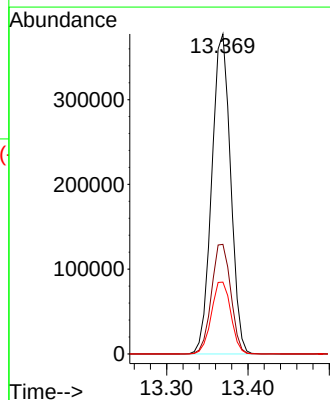
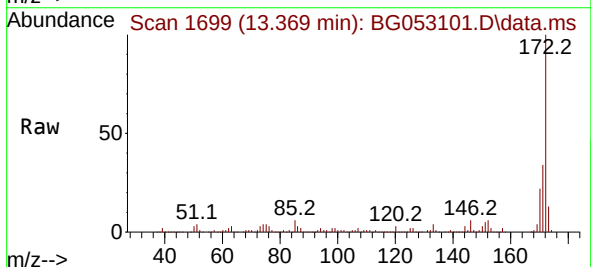
Instrument :
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COM-1

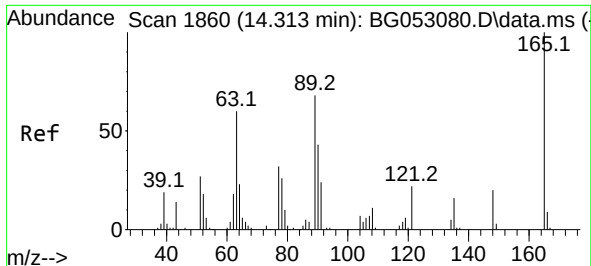
Tgt Ion:330 Resp: 206733
Ion Ratio Lower Upper
330 100
332 96.7 75.8 113.6
141 34.9 24.6 36.8



#45
2-Fluorobiphenyl
Concen: 92.479 ng
RT: 13.369 min Scan# 1699
Delta R.T. 0.001 min
Lab File: BG053101.D
Acq: 11 Apr 2022 14:59

Tgt Ion:172 Resp: 606313
Ion Ratio Lower Upper
172 100
171 34.3 28.3 42.5
170 22.5 18.0 27.0

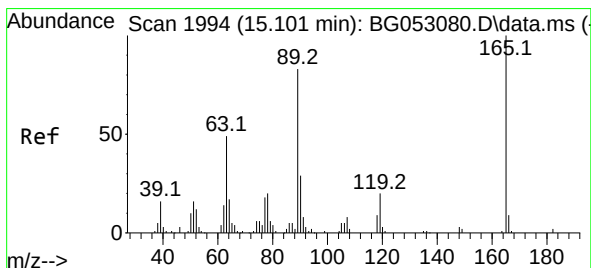
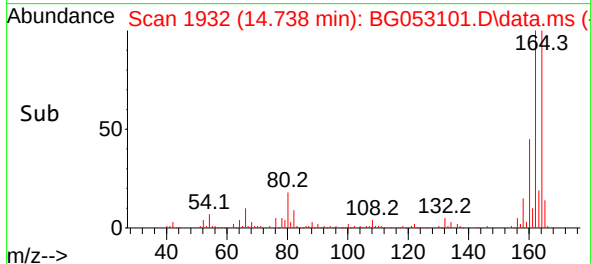
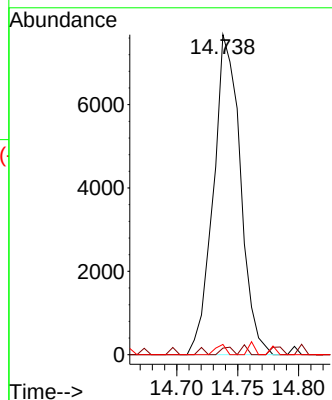
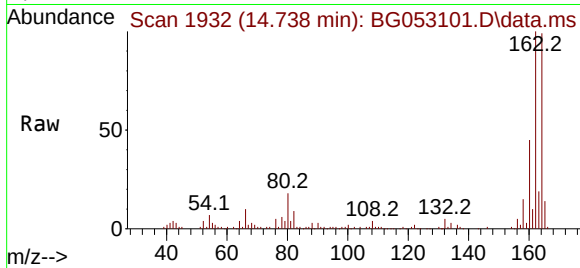




#51
2,6-Dinitrotoluene
Concen: 7.827 ng
RT: 14.738 min Scan# 1932
Delta R.T. 0.424 min
Lab File: BG053101.D
Acq: 11 Apr 2022 14:59

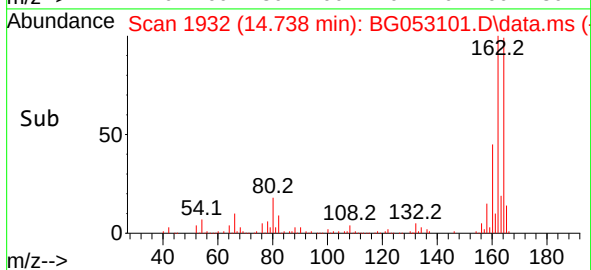
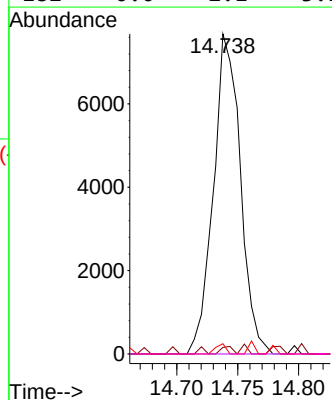
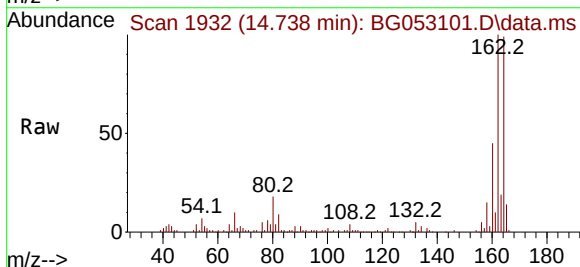
Instrument :
BNA_G
ClientSampleId :
COM-1

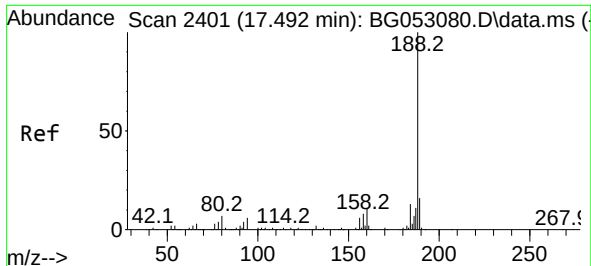
Tgt Ion:165 Resp: 11807
Ion Ratio Lower Upper
165 100
63 2.0 43.7 65.5#
89 3.2 45.0 67.4#



#57
2,4-Dinitrotoluene
Concen: 5.498 ng
RT: 14.738 min Scan# 1932
Delta R.T. -0.363 min
Lab File: BG053101.D
Acq: 11 Apr 2022 14:59

Tgt Ion:165 Resp: 11807
Ion Ratio Lower Upper
165 100
63 2.0 34.8 52.2#
89 3.2 57.4 86.0#
182 0.0 2.1 3.1#

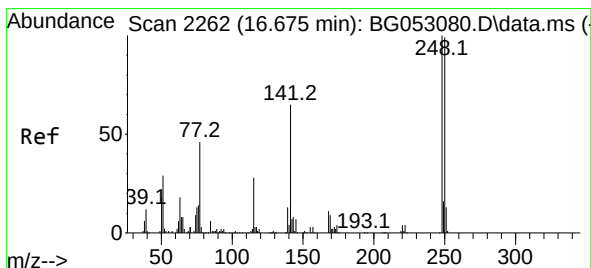
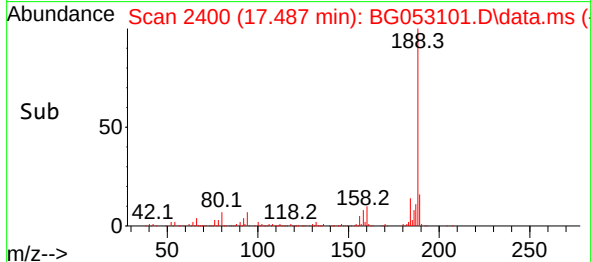
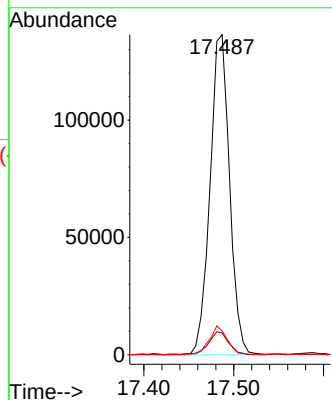
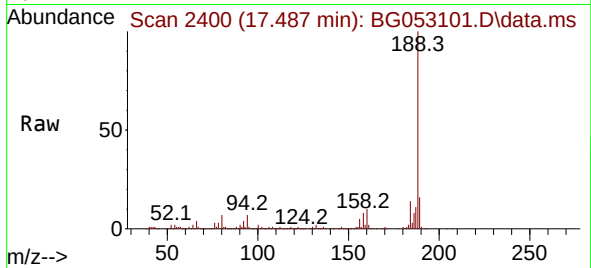




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.487 min Scan# 2401
Delta R.T. -0.005 min
Lab File: BG053101.D
Acq: 11 Apr 2022 14:59

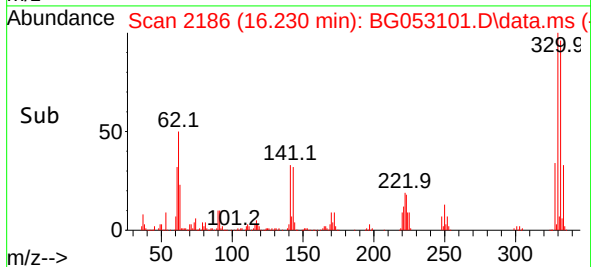
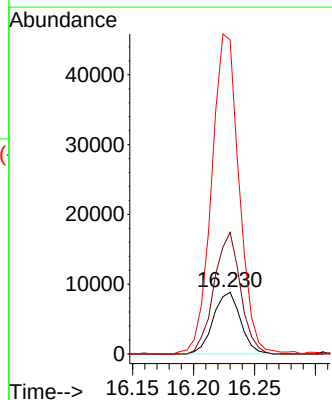
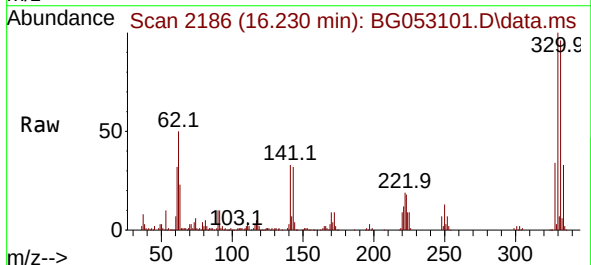
Instrument :
BNA_G
ClientSampleId :
COM-1

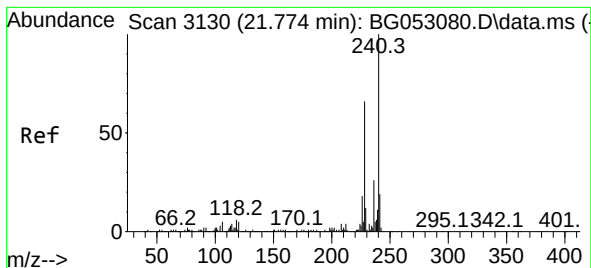
Tgt Ion:188 Resp: 205793
Ion Ratio Lower Upper
188 100
94 6.9 5.7 8.5
80 7.4 7.2 10.8



#67
4-Bromophenyl-phenylether
Concen: 5.203 ng
RT: 16.230 min Scan# 2186
Delta R.T. -0.445 min
Lab File: BG053101.D
Acq: 11 Apr 2022 14:59

Tgt Ion:248 Resp: 13721
Ion Ratio Lower Upper
248 100
250 197.2 77.9 116.9#
141 509.1 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: BG053101.D

Acq: 11 Apr 2022 14:59

Instrument :

BNA_G

ClientSampleId :

COM-1

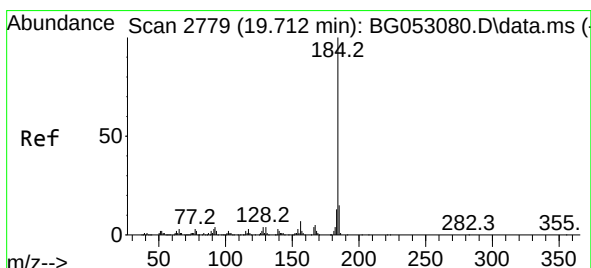
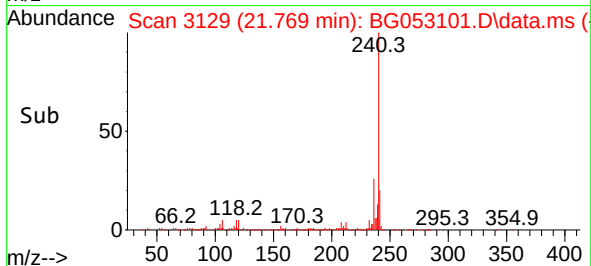
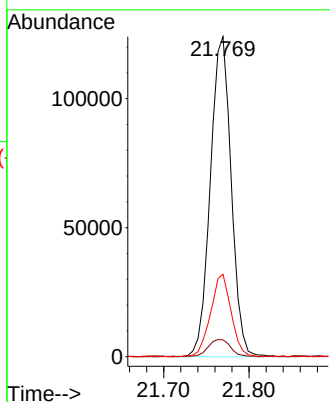
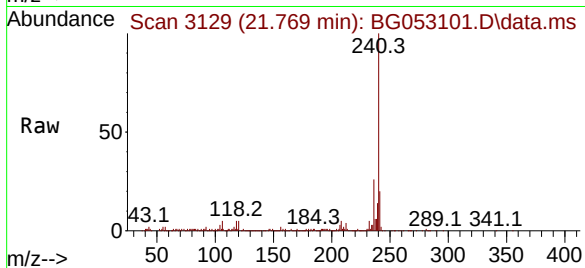
Tgt Ion:240 Resp: 210760

Ion Ratio Lower Upper

240 100

120 5.3 5.4 8.0#

236 25.8 19.8 29.6



#77

Benzidine

Concen: 3.277 ng

RT: 20.089 min Scan# 2843

Delta R.T. 0.377 min

Lab File: BG053101.D

Acq: 11 Apr 2022 14:59

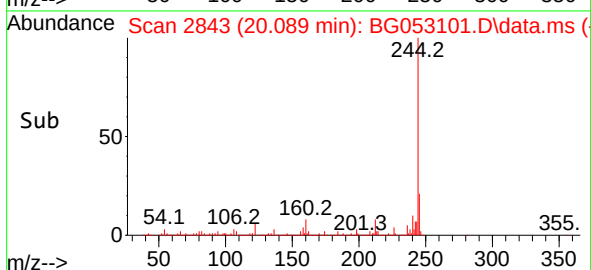
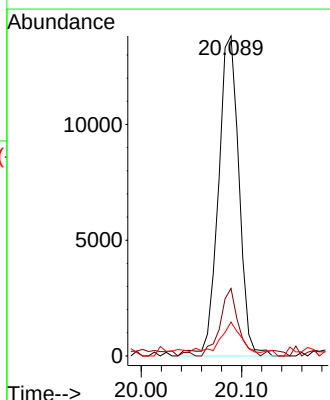
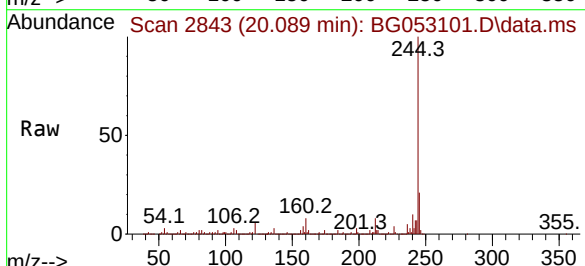
Tgt Ion:184 Resp: 19706

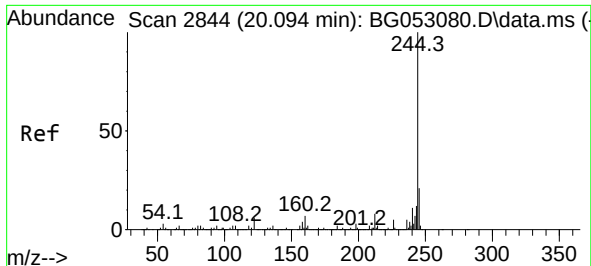
Ion Ratio Lower Upper

184 100

185 21.1 11.5 17.3#

183 10.6 9.4 14.2

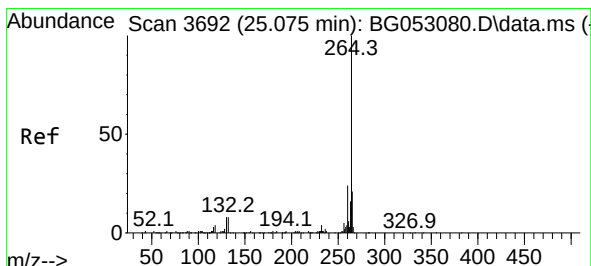
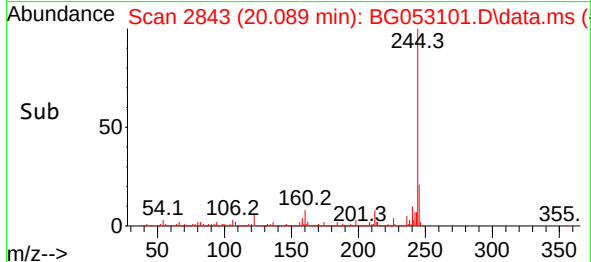
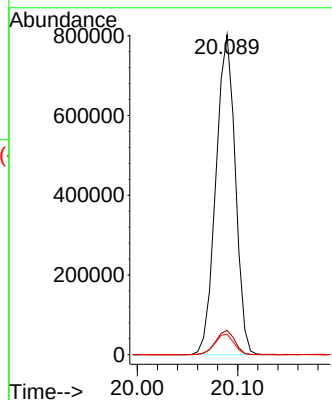
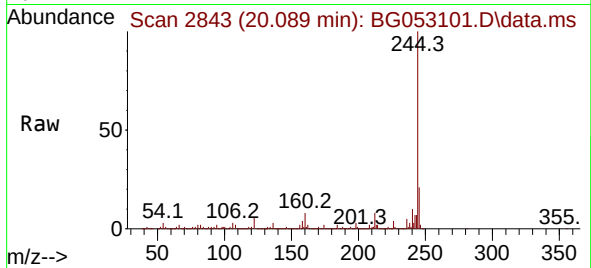




#79
 Terphenyl-d14
 Concen: 86.159 ng
 RT: 20.089 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BG053101.D
 Acq: 11 Apr 2022 14:59

Instrument :
 BNA_G
 ClientSampleId :
 COM-1

Tgt Ion:244 Resp: 1075186
 Ion Ratio Lower Upper
 244 100
 212 7.6 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: BG053101.D
 Acq: 11 Apr 2022 14:59

Tgt Ion:264 Resp: 220457
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.2 27.2
 265 22.1 15.1 22.7

