

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070822\
 Data File : BG054246.D
 Acq On : 8 Jul 2022 14:34
 Operator : CG/JU
 Sample : N3622-07
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 20220496A-SIM-C2A-COMPOSITE

Quant Time: Jul 08 15:10:26 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 08 13:46:14 2022
 Response via : Initial Calibration

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

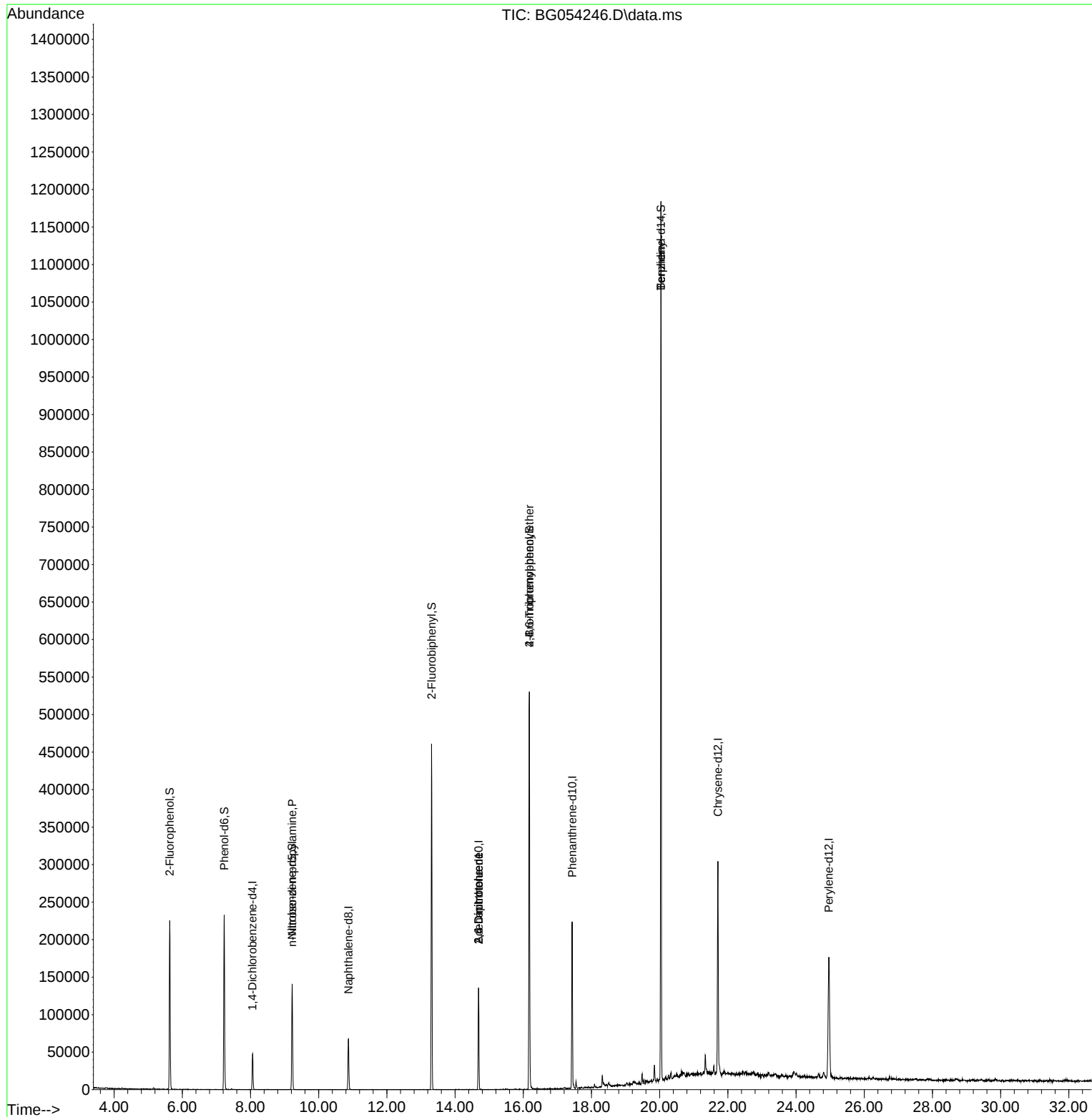
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.059	152	15696	20.000	ng	0.00
21) Naphthalene-d8	10.873	136	63150	20.000	ng	0.00
39) Acenaphthene-d10	14.692	164	54421	20.000	ng	0.00
64) Phenanthrene-d10	17.436	188	162716	20.000	ng	# 0.00
76) Chrysene-d12	21.707	240	194305	20.000	ng	0.00
86) Perylene-d12	24.962	264	205666	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.632	112	103577	126.166	ng	0.00
7) Phenol-d6	7.230	99	140519	126.174	ng	0.00
23) Nitrobenzene-d5	9.222	82	90171	80.242	ng	0.00
42) 2,4,6-Tribromophenol	16.179	330	140233	160.382	ng	0.00
45) 2-Fluorobiphenyl	13.311	172	264731	70.736	ng	0.00
79) Terphenyl-d14	20.039	244	677294	70.205	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.228	70	12249	16.371	ng	# 76
51) 2,6-Dinitrotoluene	14.692	165	7546	9.011	ng	# 16
57) 2,4-Dinitrotoluene	14.692	165	7546	6.381	ng	# 21
67) 4-Bromophenyl-phenylether	16.179	248	8423	4.145	ng	# 1
77) Benzydine	20.039	184	8733	2.170	ng	# 89

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

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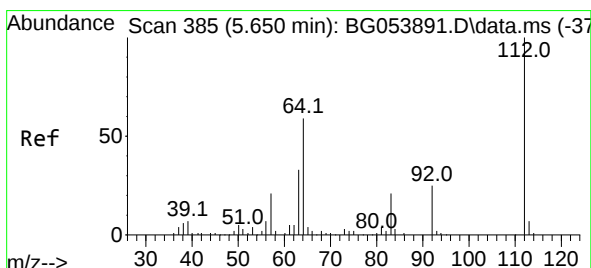
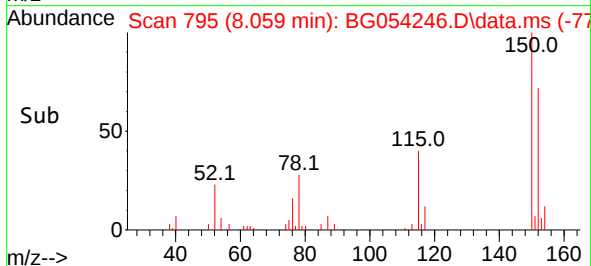
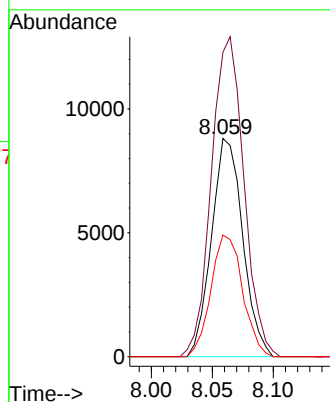
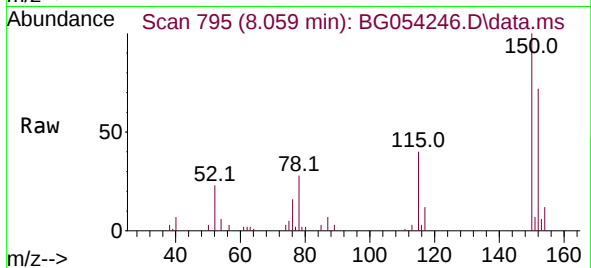




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.059 min Scan# 79
Delta R.T. -0.000 min
Lab File: BG054246.D
Acq: 8 Jul 2022 14:34

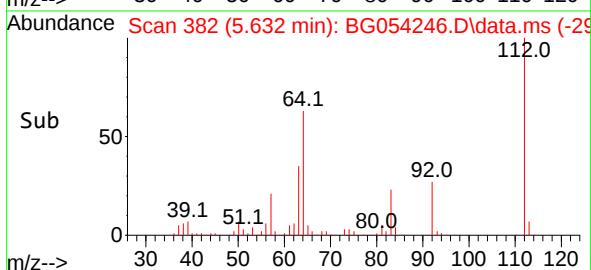
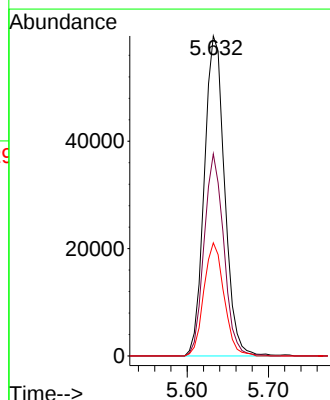
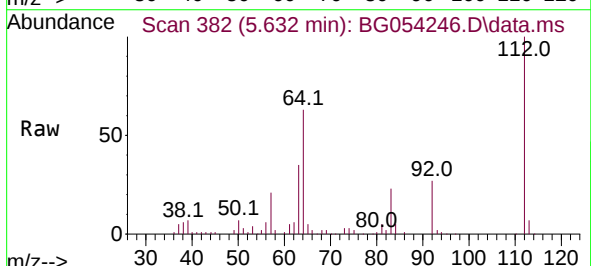
Instrument :
BNA_G
ClientSampleId :
20220496A-SIM-C2A-COMPOSITE

Tgt Ion:152 Resp: 15696
Ion Ratio Lower Upper
152 100
150 139.4 131.6 197.4
115 55.7 50.9 76.3



#5
2-Fluorophenol
Concen: 126.166 ng
RT: 5.632 min Scan# 382
Delta R.T. -0.000 min
Lab File: BG054246.D
Acq: 8 Jul 2022 14:34

Tgt Ion:112 Resp: 103577
Ion Ratio Lower Upper
112 100
64 63.1 55.1 82.7
63 35.3 30.4 45.6

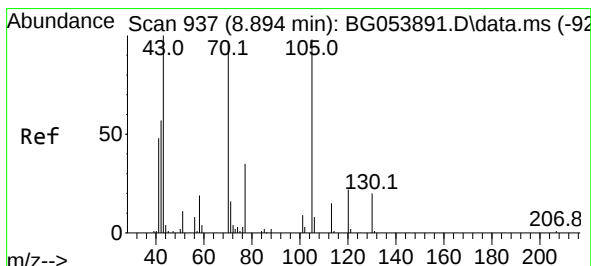
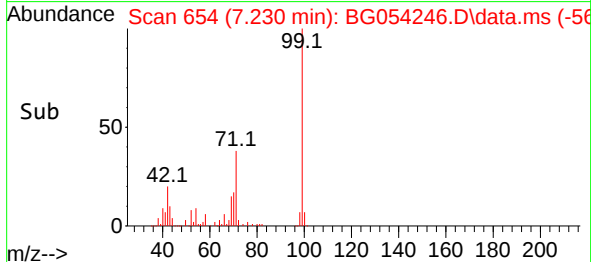
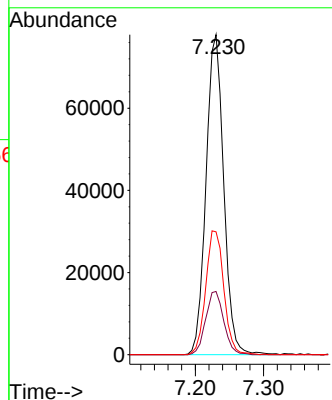
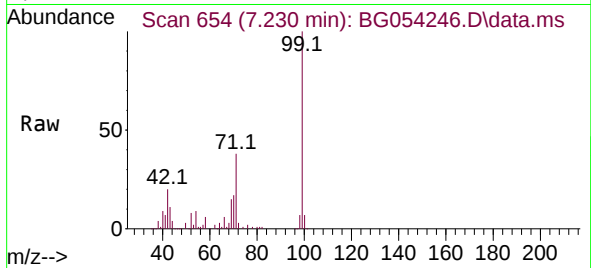




#7
Phenol-d6
Concen: 126.174 ng
RT: 7.230 min Scan# 61
Delta R.T. -0.000 min
Lab File: BG054246.D
Acq: 8 Jul 2022 14:34

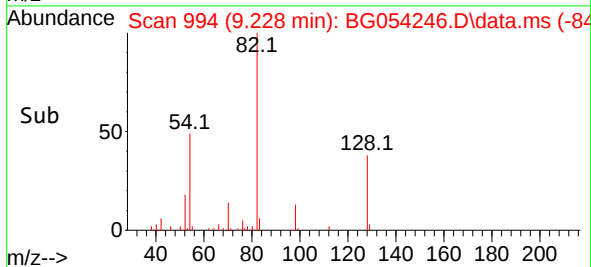
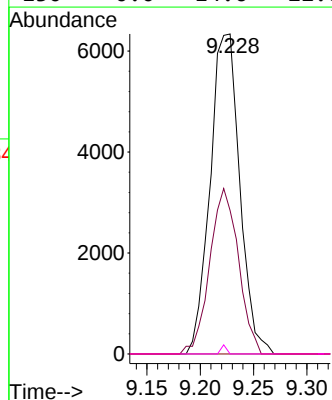
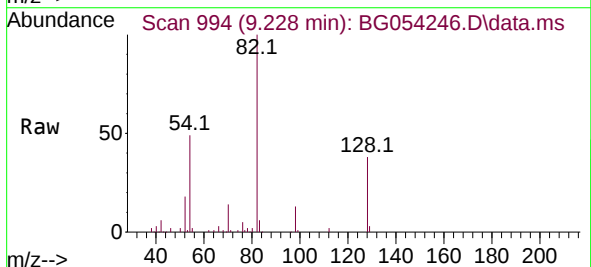
Instrument :
BNA_G
ClientSampleId :
20220496A-SIM-C2A-COMPOSITE

Tgt Ion: 99 Resp: 140519
Ion Ratio Lower Upper
99 100
42 19.8 17.0 25.6
71 38.4 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 16.371 ng
RT: 9.228 min Scan# 994
Delta R.T. 0.364 min
Lab File: BG054246.D
Acq: 8 Jul 2022 14:34

Tgt Ion: 70 Resp: 12249
Ion Ratio Lower Upper
70 100
42 44.8 47.3 70.9#
101 0.0 7.0 10.4#
130 0.0 14.6 22.0#

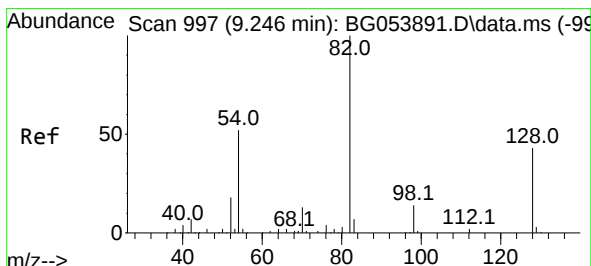
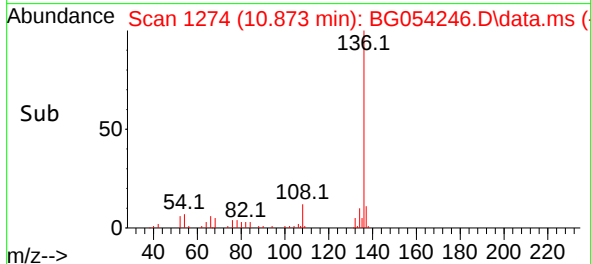
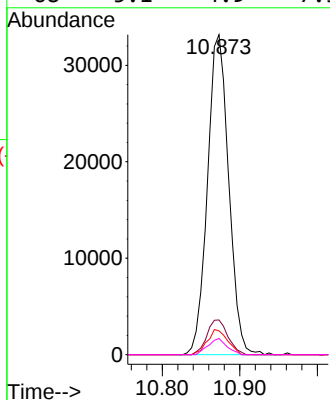
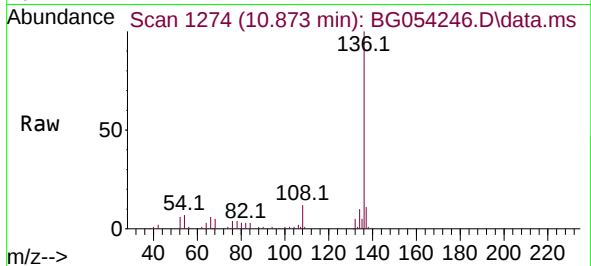




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.873 min Scan# 11
Delta R.T. -0.000 min
Lab File: BG054246.D
Acq: 8 Jul 2022 14:34

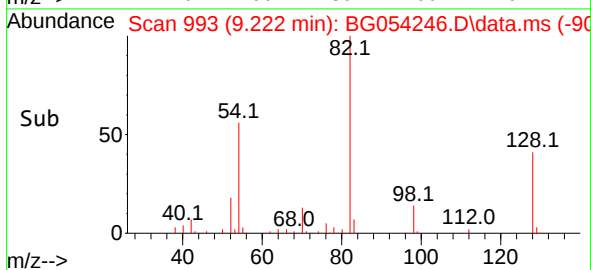
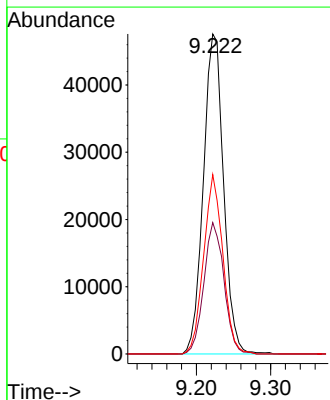
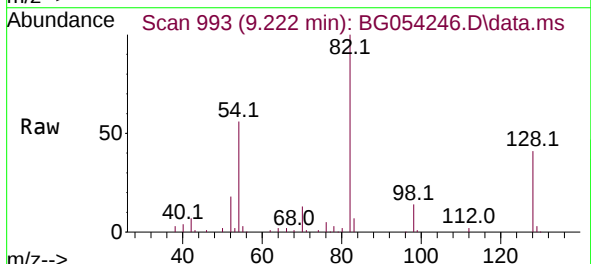
Instrument :
BNA_G
ClientSampleId :
20220496A-SIM-C2A-COMPOSITE

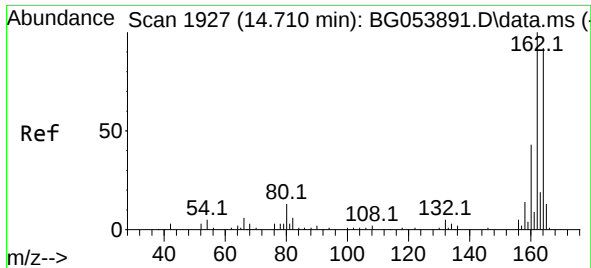
Tgt Ion:	136	Resp:	63150
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.5	12.7
54	7.5	7.4	11.2
68	5.1	4.9	7.3



#23
Nitrobenzene-d5
Concen: 80.242 ng
RT: 9.222 min Scan# 993
Delta R.T. -0.000 min
Lab File: BG054246.D
Acq: 8 Jul 2022 14:34

Tgt Ion:	82	Resp:	90171
Ion	Ratio	Lower	Upper
82	100		
128	41.1	27.9	41.9
54	56.1	41.2	61.8

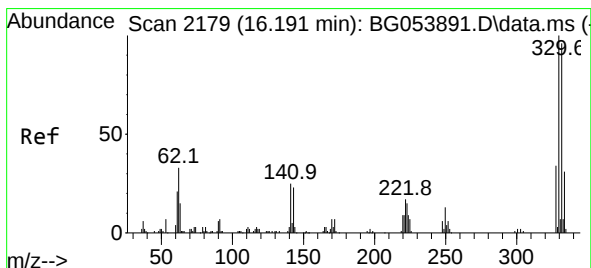
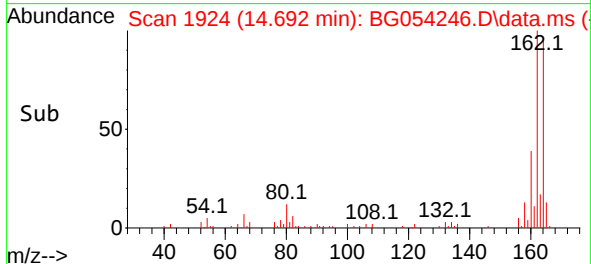
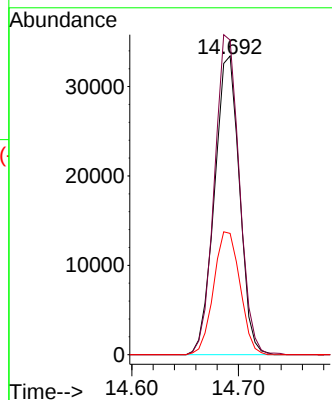
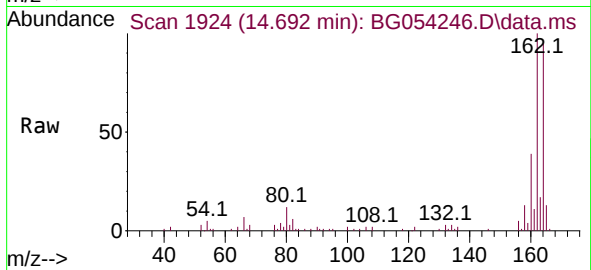




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.692 min Scan# 1924
Delta R.T. 0.005 min
Lab File: BG054246.D
Acq: 8 Jul 2022 14:34

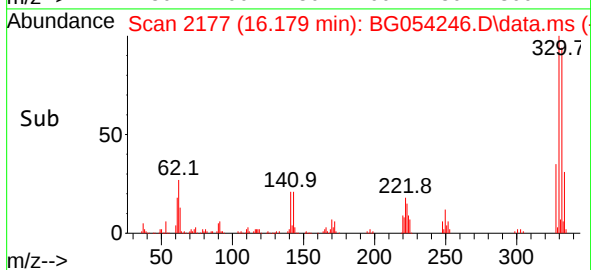
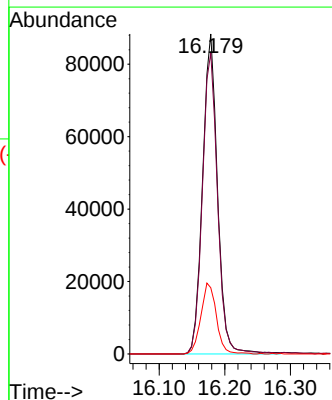
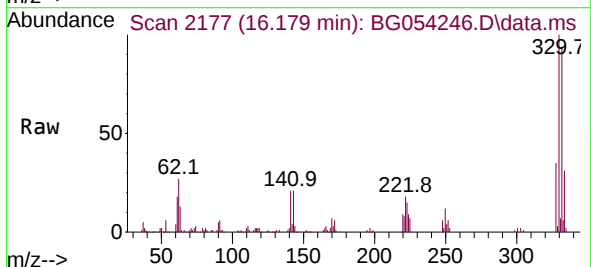
Instrument :
BNA_G
ClientSampleId :
20220496A-SIM-C2A-COMPOSITE

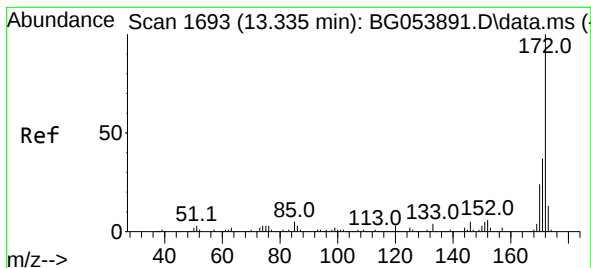
Tgt Ion:164 Resp: 54421
Ion Ratio Lower Upper
164 100
162 105.3 82.3 123.5
160 40.6 34.2 51.2



#42
2,4,6-Tribromophenol
Concen: 160.382 ng
RT: 16.179 min Scan# 2177
Delta R.T. -0.000 min
Lab File: BG054246.D
Acq: 8 Jul 2022 14:34

Tgt Ion:330 Resp: 140233
Ion Ratio Lower Upper
330 100
332 95.5 76.0 114.0
141 22.9 27.1 40.7#





#45

2-Fluorobiphenyl

Concen: 70.736 ng

RT: 13.311 min Scan# 1

Delta R.T. -0.000 min

Lab File: BG054246.D

Acq: 8 Jul 2022 14:34

Instrument :

BNA_G

ClientSampleId :

20220496A-SIM-C2A-COMPOSITE

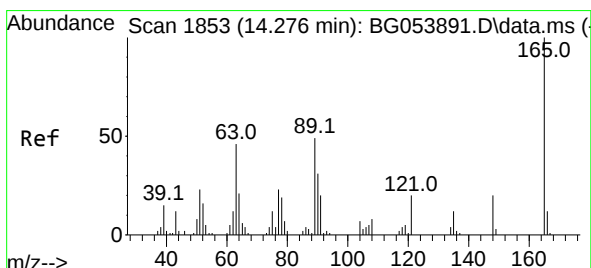
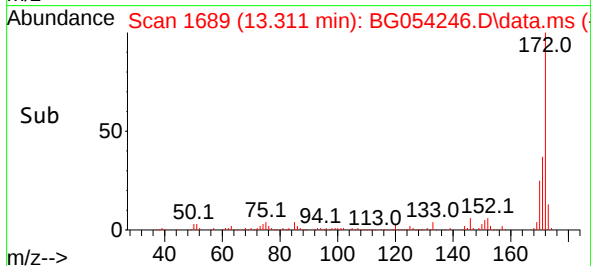
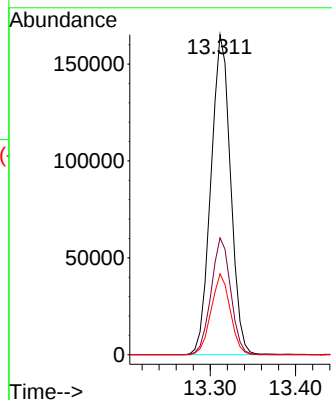
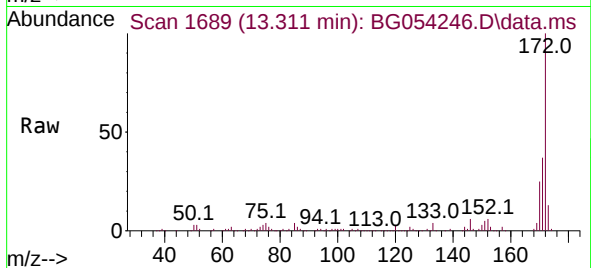
Tgt Ion:172 Resp: 264731

Ion Ratio Lower Upper

172 100

171 36.5 28.5 42.7

170 25.3 18.9 28.3



#51

2,6-Dinitrotoluene

Concen: 9.011 ng

RT: 14.692 min Scan# 1924

Delta R.T. 0.434 min

Lab File: BG054246.D

Acq: 8 Jul 2022 14:34

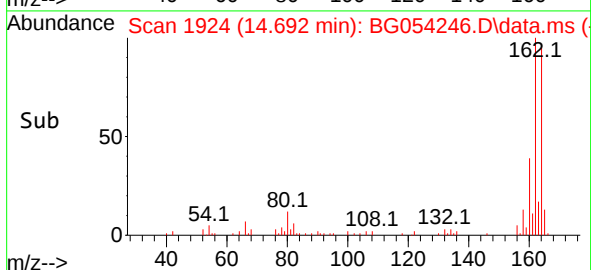
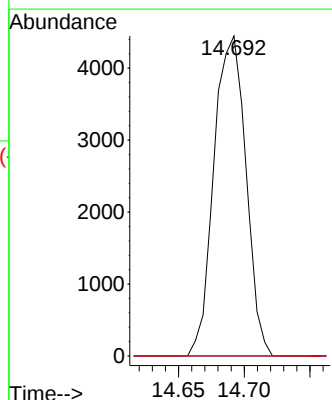
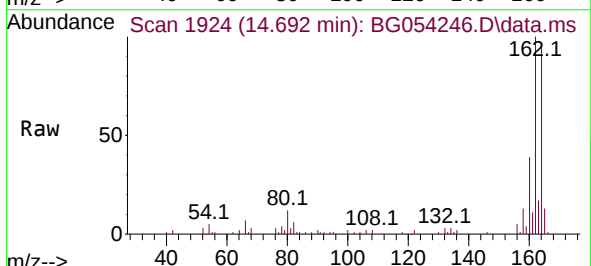
Tgt Ion:165 Resp: 7546

Ion Ratio Lower Upper

165 100

63 0.0 54.1 81.1#

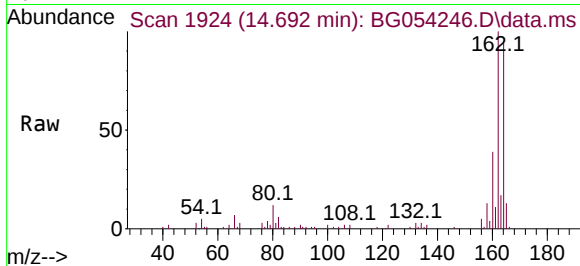
89 0.0 54.8 82.2#



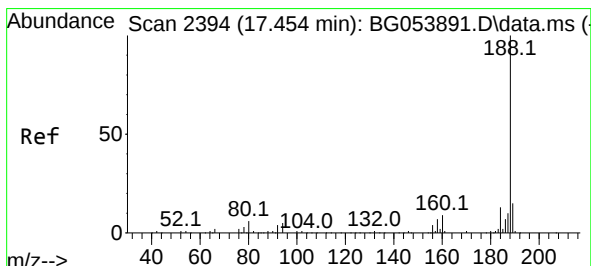
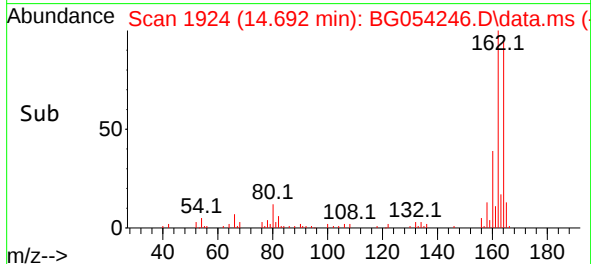
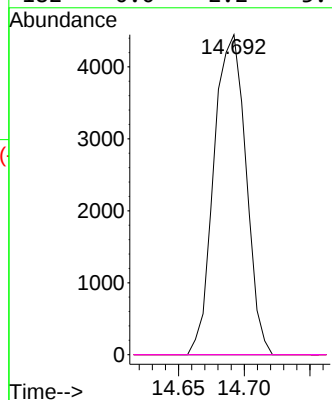


#57
2,4-Dinitrotoluene
Concen: 6.381 ng
RT: 14.692 min Scan# 1924
Delta R.T. -0.359 min
Lab File: BG054246.D
Acq: 8 Jul 2022 14:34

Instrument :
BNA_G
ClientSampleId :
20220496A-SIM-C2A-COMPOSITE

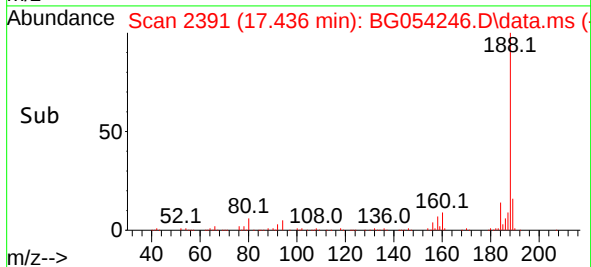
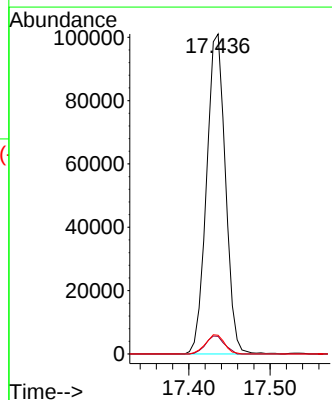
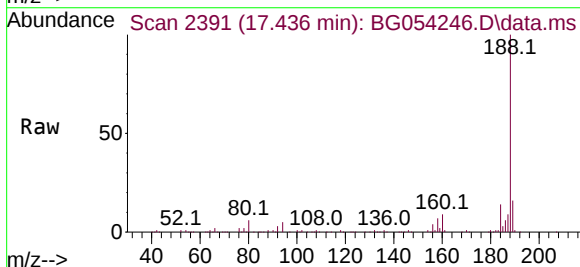


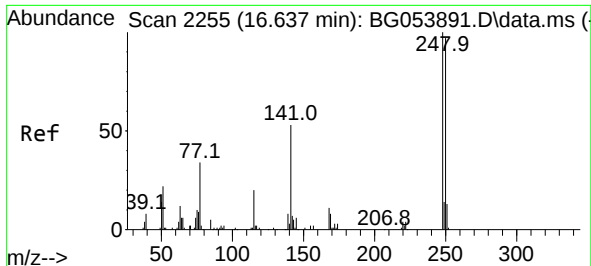
Tgt Ion:165 Resp: 7546
Ion Ratio Lower Upper
165 100
63 0.0 34.6 52.0#
89 0.0 60.3 90.5#
182 0.0 2.2 3.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.436 min Scan# 2391
Delta R.T. 0.005 min
Lab File: BG054246.D
Acq: 8 Jul 2022 14:34

Tgt Ion:188 Resp: 162716
Ion Ratio Lower Upper
188 100
94 5.5 5.4 8.0
80 5.9 6.8 10.2#

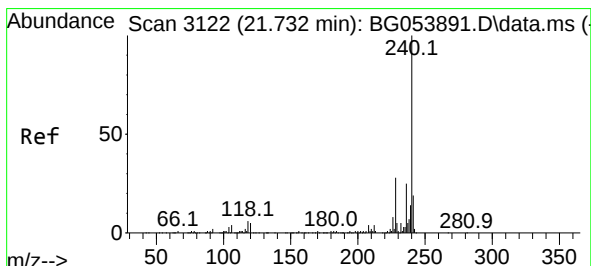
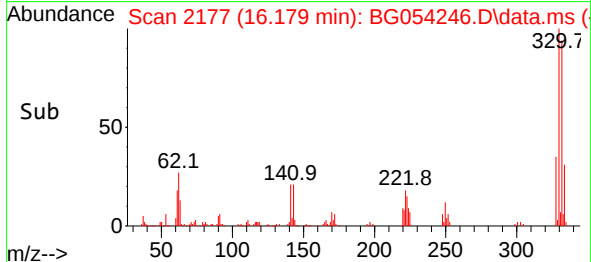
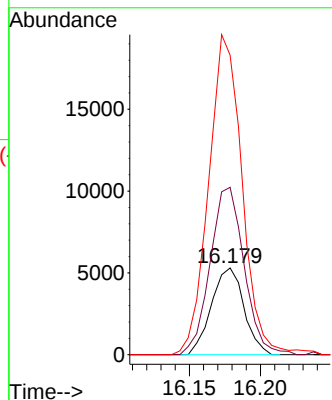
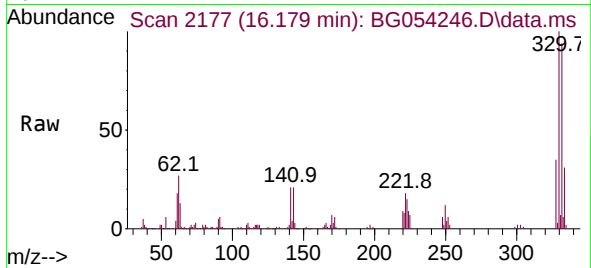




#67
4-Bromophenyl-phenylether
Concen: 4.145 ng
RT: 16.179 min Scan# 2177
Delta R.T. -0.435 min
Lab File: BG054246.D
Acq: 8 Jul 2022 14:34

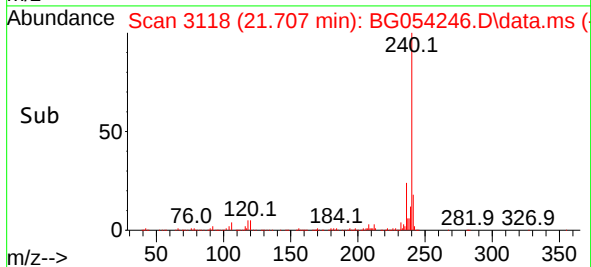
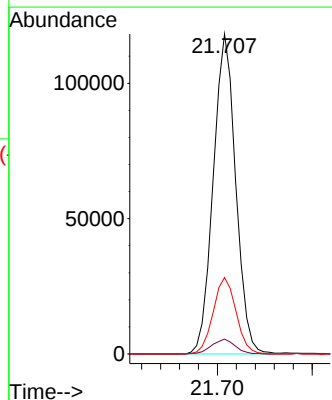
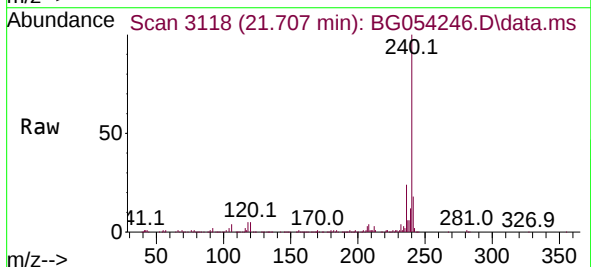
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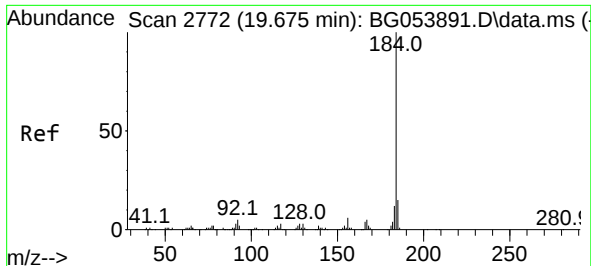
Tgt Ion:248 Resp: 8423
Ion Ratio Lower Upper
248 100
250 196.7 75.2 112.8#
141 265.8 50.0 75.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.707 min Scan# 3118
Delta R.T. -0.001 min
Lab File: BG054246.D
Acq: 8 Jul 2022 14:34

Tgt Ion:240 Resp: 194305
Ion Ratio Lower Upper
240 100
120 4.7 4.6 7.0
236 23.9 20.2 30.4

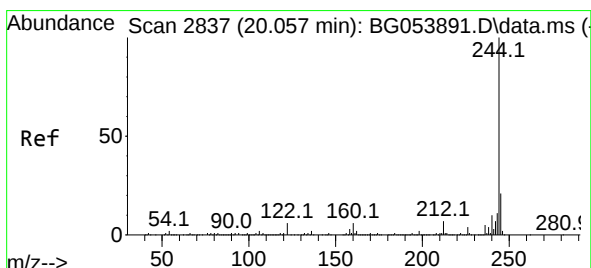
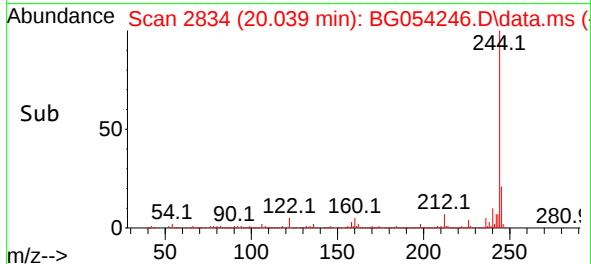
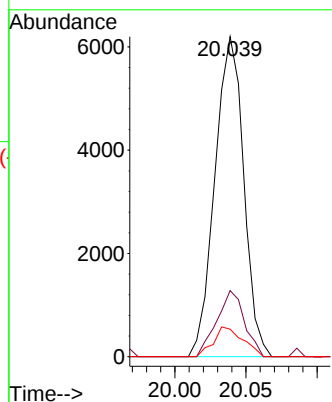
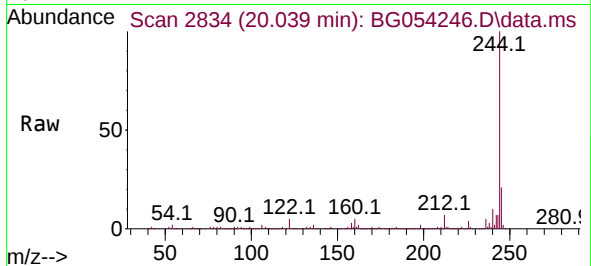




#77
Benzidine
Concen: 2.170 ng
RT: 20.039 min Scan# 21
Delta R.T. 0.381 min
Lab File: BG054246.D
Acq: 8 Jul 2022 14:34

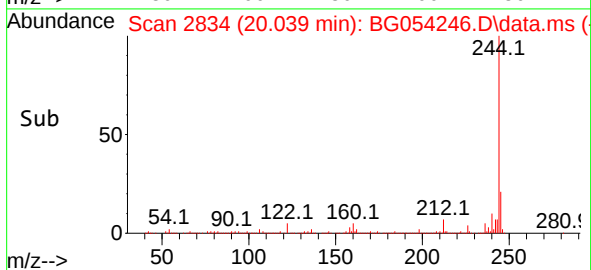
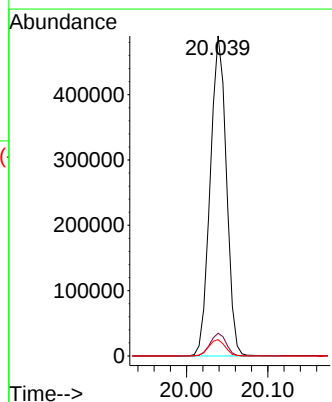
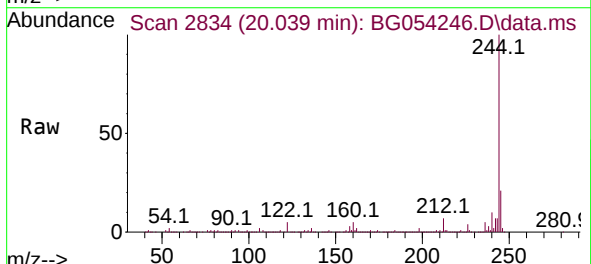
Instrument :
BNA_G
ClientSampleId :
20220496A-SIM-C2A-COMPOSITE

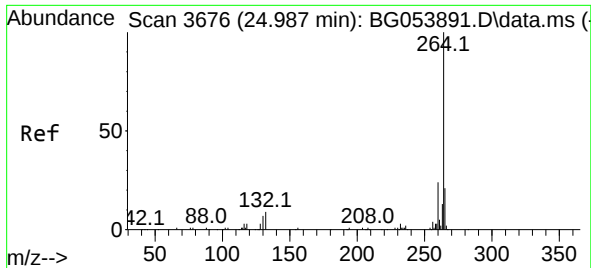
Tgt Ion:184 Resp: 8733
Ion Ratio Lower Upper
184 100
185 20.7 11.8 17.6#
183 8.6 8.9 13.3#



#79
Terphenyl-d14
Concen: 70.205 ng
RT: 20.039 min Scan# 2834
Delta R.T. -0.000 min
Lab File: BG054246.D
Acq: 8 Jul 2022 14:34

Tgt Ion:244 Resp: 677294
Ion Ratio Lower Upper
244 100
212 7.1 6.5 9.7
122 5.1 5.0 7.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.962 min Scan# 30
Delta R.T. 0.005 min
Lab File: BG054246.D
Acq: 8 Jul 2022 14:34

Instrument :
BNA_G
ClientSampleId :
20220496A-SIM-C2A-COMPOSITE

Tgt Ion:264 Resp: 205666

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.0	28.6
265	22.2	17.4	26.2

