

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060222\
 Data File : BG053796.D
 Acq On : 2 Jun 2022 18:18
 Operator : CG/JU
 Sample : N2984-04RE
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P014-SS002-1824-01

Quant Time: Jun 03 02:27:36 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 02 23:22:27 2022
 Response via : Initial Calibration

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

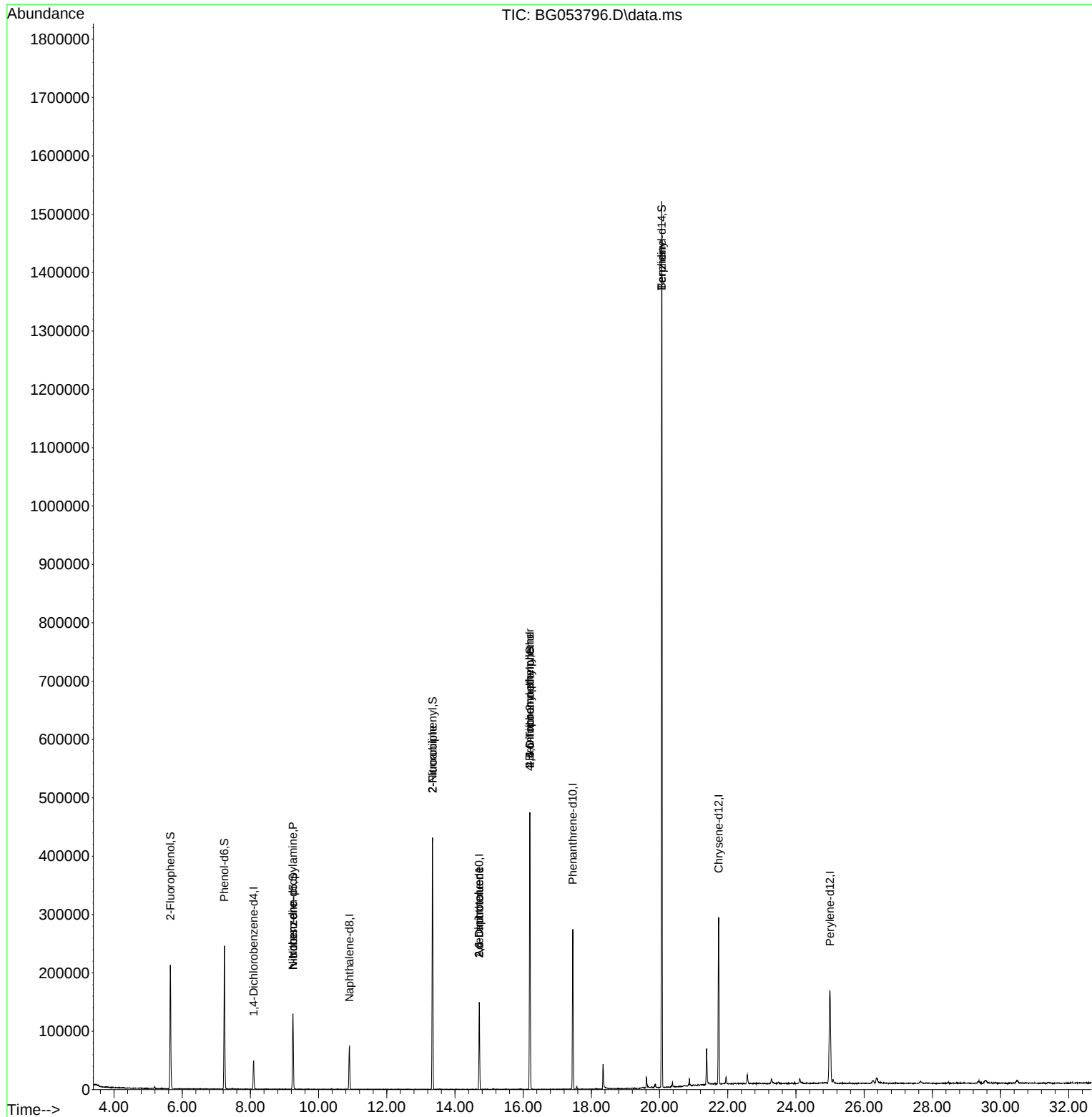
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.096	152	14822	20.000	ng	0.00
21) Naphthalene-d8	10.905	136	67195	20.000	ng	# 0.00
39) Acenaphthene-d10	14.712	164	56454	20.000	ng	0.00
64) Phenanthrene-d10	17.456	188	180843	20.000	ng	0.00
76) Chrysene-d12	21.733	240	195335	20.000	ng	0.00
86) Perylene-d12	24.994	264	188434	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.652	112	101684	125.980	ng	0.00
7) Phenol-d6	7.239	99	142157	130.019	ng	0.00
23) Nitrobenzene-d5	9.248	82	82239	80.370	ng	0.00
42) 2,4,6-Tribromophenol	16.199	330	102578	149.689	ng	0.00
45) 2-Fluorobiphenyl	13.343	172	245599	65.083	ng	0.00
79) Terphenyl-d14	20.065	244	828656	84.395	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.248	70	10979	14.178	ng	# 84
24) Nitrobenzene	9.248	77	228	3.159	ng	# 48
48) 2-Nitroaniline	13.343	65	312	5.392	ng	# 1
51) 2,6-Dinitrotoluene	14.712	165	7740	13.596	ng	# 16
57) 2,4-Dinitrotoluene	14.712	165	7740	11.354	ng	# 21
65) 4,6-Dinitro-2-methylph...	16.199	198	203	5.862	ng	# 74
67) 4-Bromophenyl-phenylether	16.193	248	6900	3.512	ng	# 1
77) Benzidine	20.065	184	12186	2.551	ng	# 91

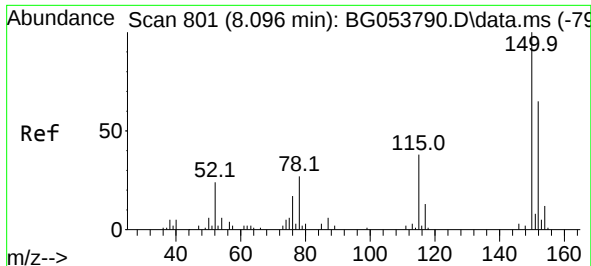
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060222\
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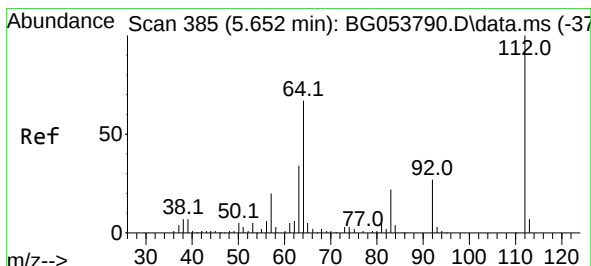
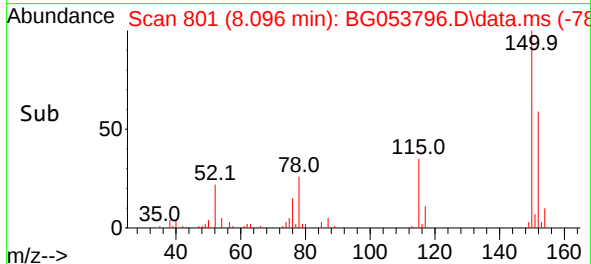
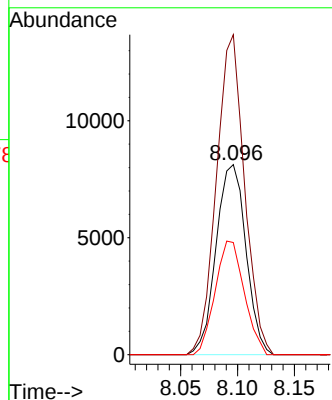
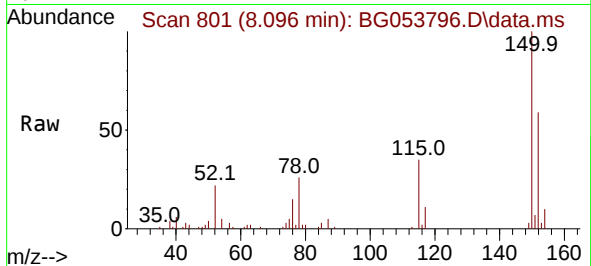




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.096 min Scan# 801
Delta R.T. 0.000 min
Lab File: BG053796.D
Acq: 2 Jun 2022 18:18

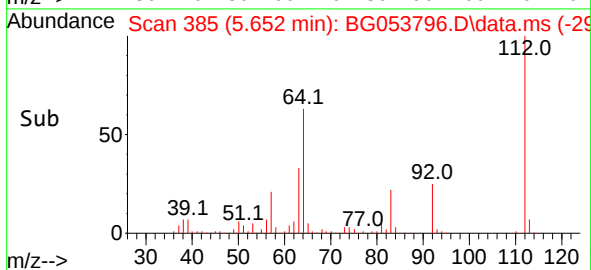
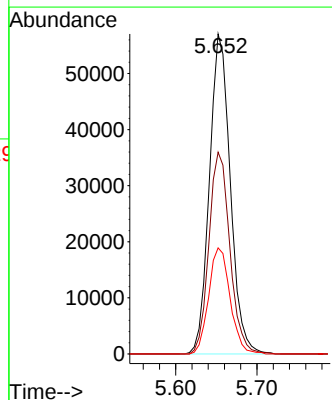
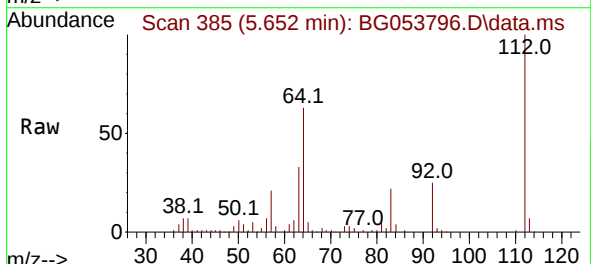
Instrument :
BNA_G
ClientSampleId :
P014-SS002-1824-01

Tgt Ion:152 Resp: 14822
Ion Ratio Lower Upper
152 100
150 168.4 131.6 197.4
115 59.0 50.9 76.3



#5
2-Fluorophenol
Concen: 125.980 ng
RT: 5.652 min Scan# 385
Delta R.T. 0.000 min
Lab File: BG053796.D
Acq: 2 Jun 2022 18:18

Tgt Ion:112 Resp: 101684
Ion Ratio Lower Upper
112 100
64 63.0 55.1 82.7
63 33.1 30.4 45.6

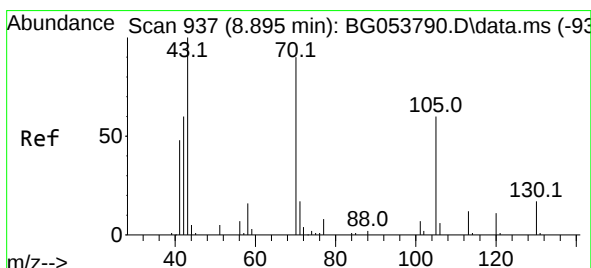
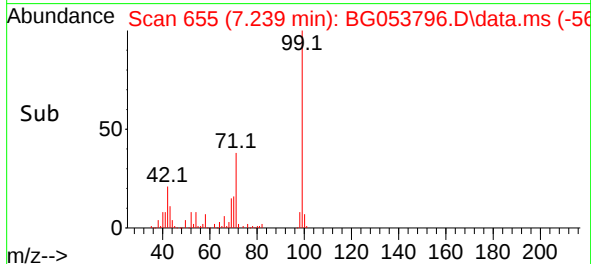
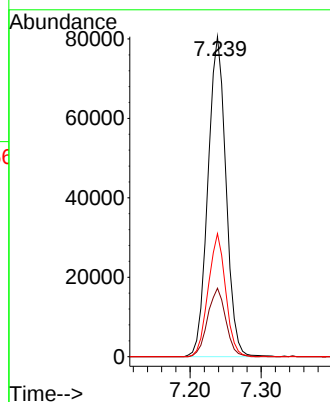
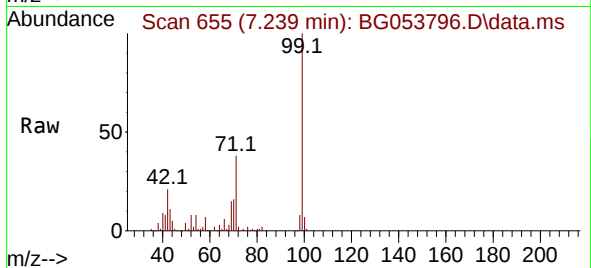




#7
Phenol-d6
Concen: 130.019 ng
RT: 7.239 min Scan# 611
Delta R.T. 0.000 min
Lab File: BG053796.D
Acq: 2 Jun 2022 18:18

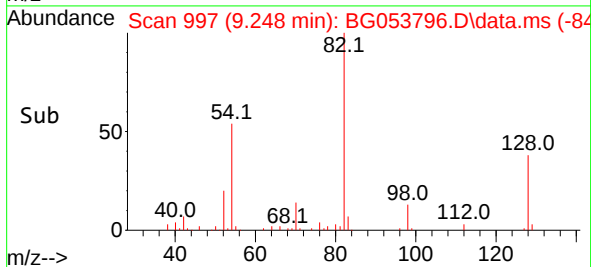
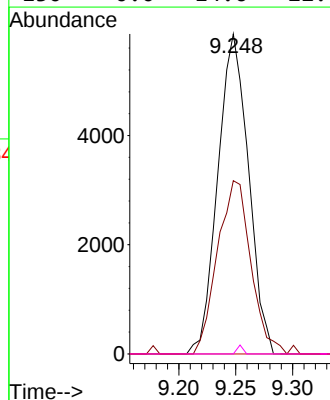
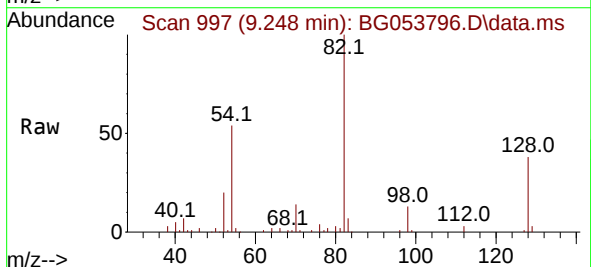
Instrument :
BNA_G
ClientSampleId :
P014-SS002-1824-01

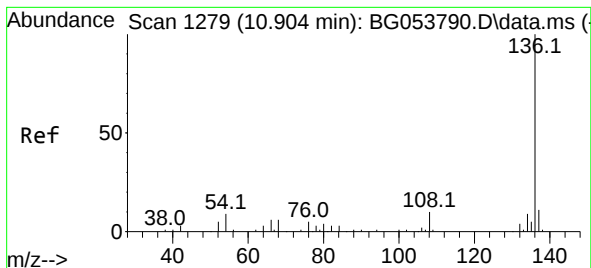
Tgt Ion: 99 Resp: 142157
Ion Ratio Lower Upper
99 100
42 21.4 17.0 25.6
71 38.4 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 14.178 ng
RT: 9.248 min Scan# 997
Delta R.T. 0.353 min
Lab File: BG053796.D
Acq: 2 Jun 2022 18:18

Tgt Ion: 70 Resp: 10979
Ion Ratio Lower Upper
70 100
42 54.2 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: 10.905 min Scan# 11

Delta R.T. 0.001 min

Lab File: BG053796.D

Acq: 2 Jun 2022 18:18

Instrument :

BNA_G

ClientSampleId :

P014-SS002-1824-01

Tgt Ion:136 Resp: 67195

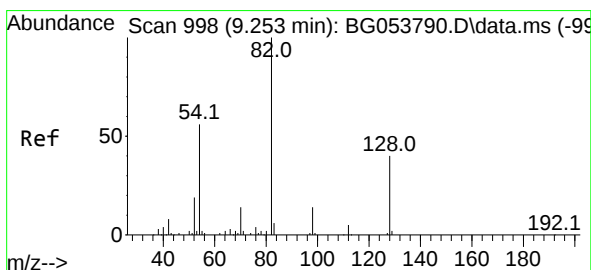
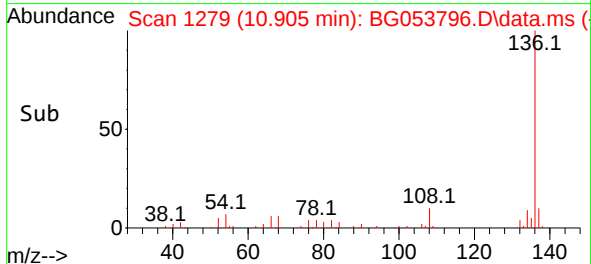
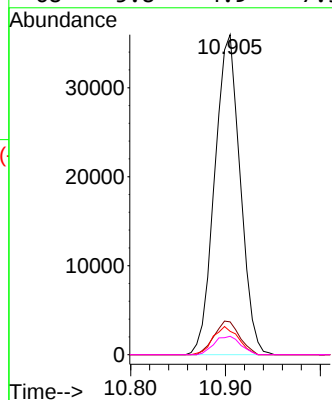
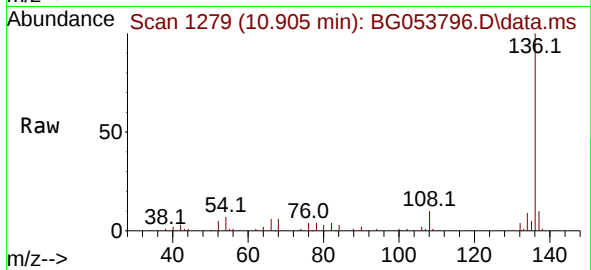
Ion Ratio Lower Upper

136 100

137 10.3 8.5 12.7

54 7.3 7.4 11.2#

68 5.8 4.9 7.3



#23

Nitrobenzene-d5

Concen: 80.370 ng

RT: 9.248 min Scan# 997

Delta R.T. -0.005 min

Lab File: BG053796.D

Acq: 2 Jun 2022 18:18

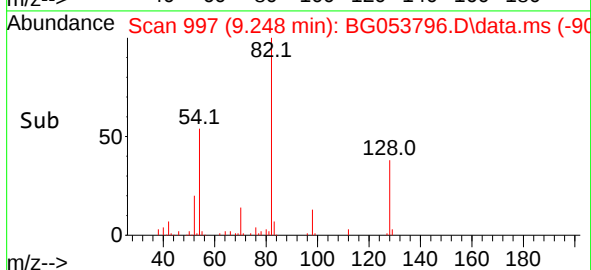
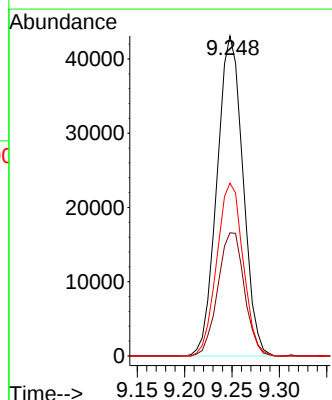
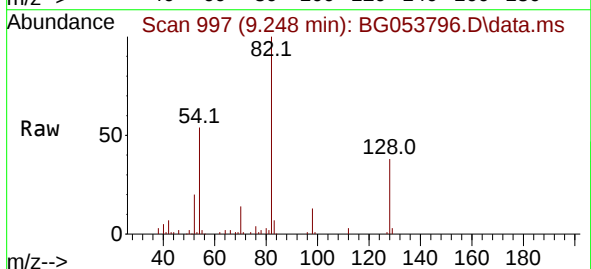
Tgt Ion: 82 Resp: 82239

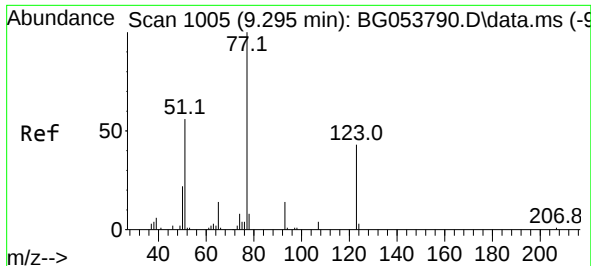
Ion Ratio Lower Upper

82 100

128 38.5 27.9 41.9

54 54.0 41.2 61.8

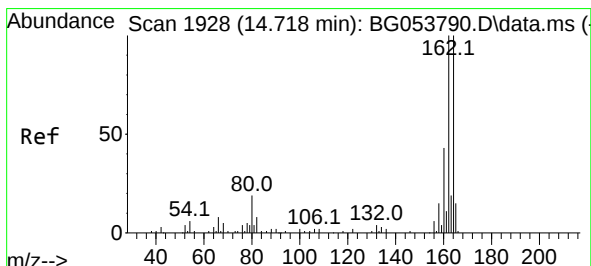
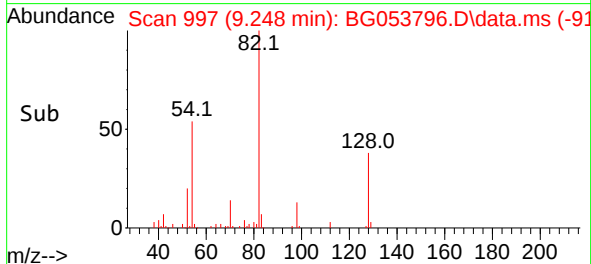
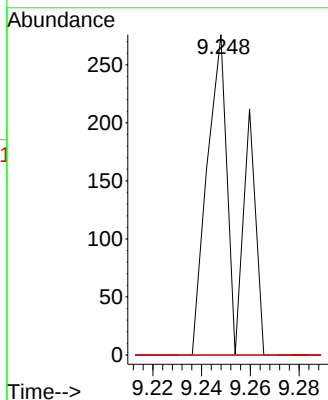
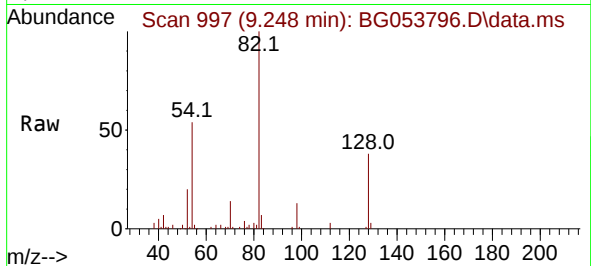




#24
Nitrobenzene
Concen: 3.159 ng
RT: 9.248 min Scan# 91
Delta R.T. -0.047 min
Lab File: BG053796.D
Acq: 2 Jun 2022 18:18

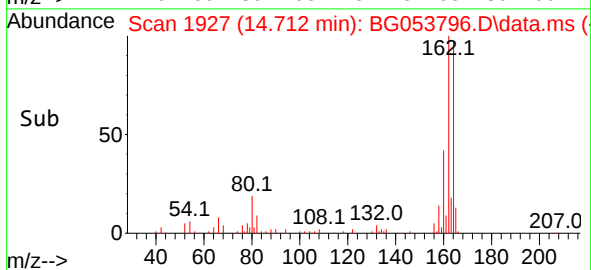
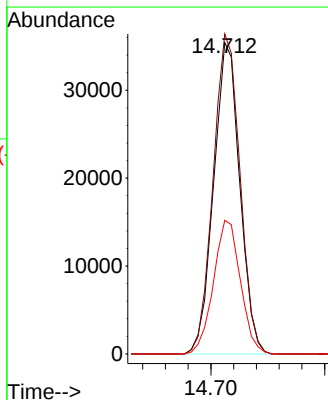
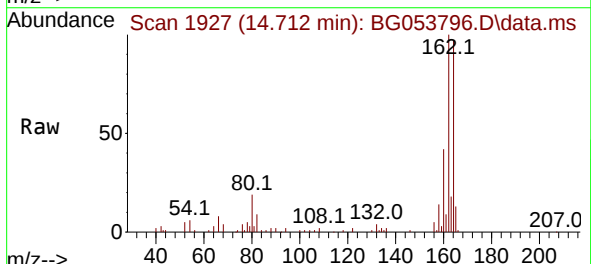
Instrument :
BNA_G
ClientSampleId :
P014-SS002-1824-01

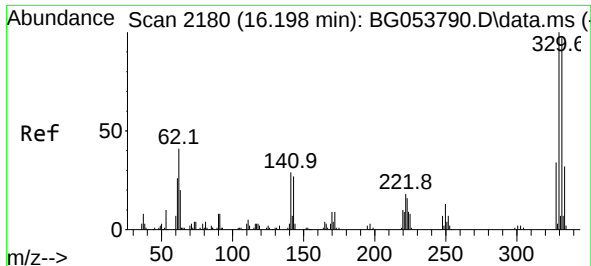
Tgt Ion: 77 Resp: 228
Ion Ratio Lower Upper
77 100
123 0.0 27.4 41.0#
65 0.0 11.4 17.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.712 min Scan# 1927
Delta R.T. -0.006 min
Lab File: BG053796.D
Acq: 2 Jun 2022 18:18

Tgt Ion:164 Resp: 56454
Ion Ratio Lower Upper
164 100
162 102.8 82.3 123.5
160 42.9 34.2 51.2





#42

2,4,6-Tribromophenol

Concen: 149.689 ng

RT: 16.199 min Scan# 21

Delta R.T. 0.001 min

Lab File: BG053796.D

Acq: 2 Jun 2022 18:18

Instrument :

BNA_G

ClientSampleId :

P014-SS002-1824-01

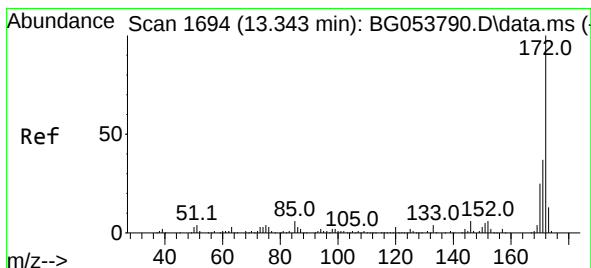
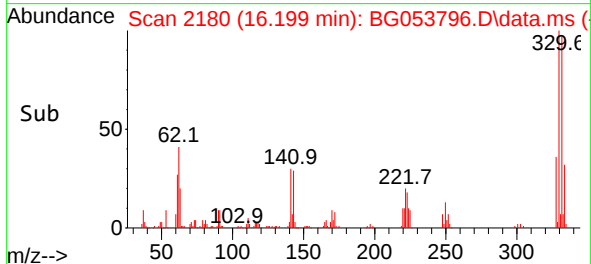
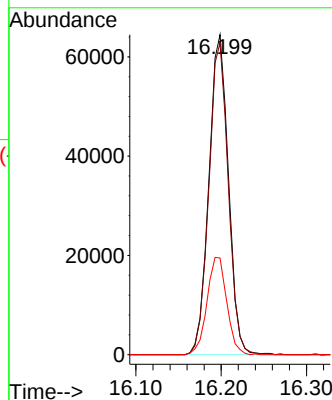
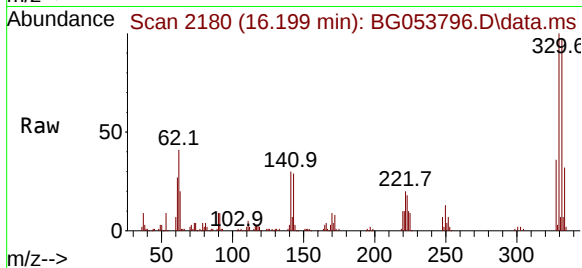
Tgt Ion:330 Resp: 102578

Ion Ratio Lower Upper

330 100

332 96.5 76.0 114.0

141 30.8 27.1 40.7



#45

2-Fluorobiphenyl

Concen: 65.083 ng

RT: 13.343 min Scan# 1694

Delta R.T. 0.000 min

Lab File: BG053796.D

Acq: 2 Jun 2022 18:18

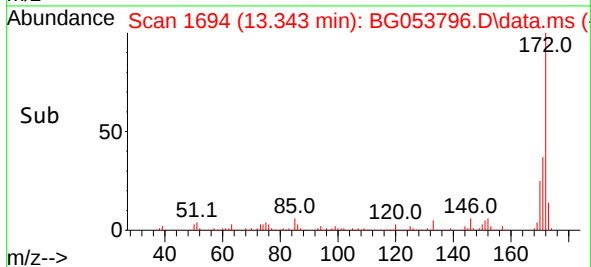
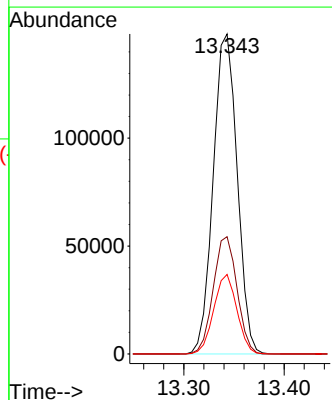
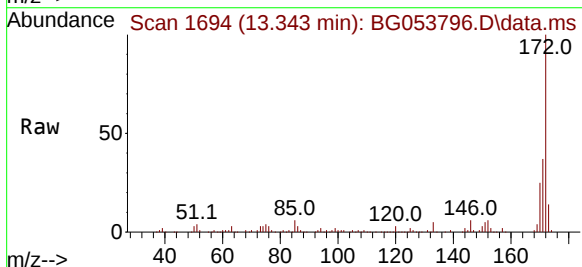
Tgt Ion:172 Resp: 245599

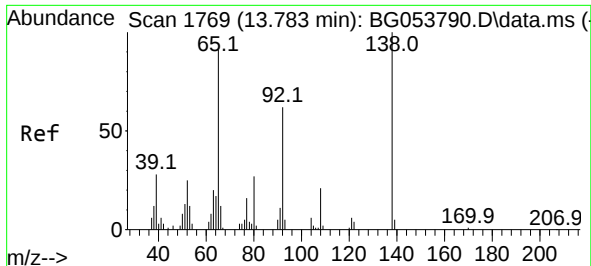
Ion Ratio Lower Upper

172 100

171 36.7 28.5 42.7

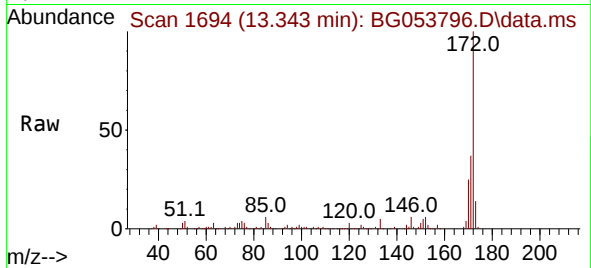
170 24.8 18.9 28.3



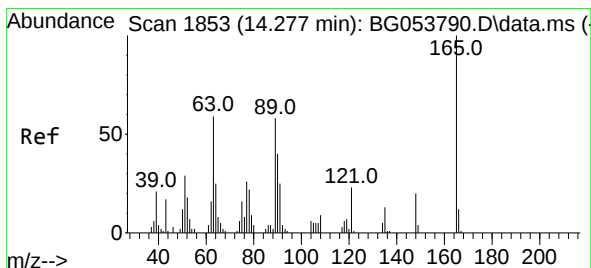
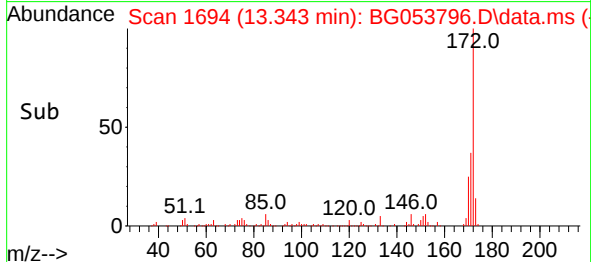
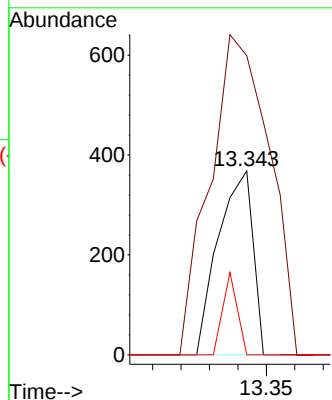


#48
2-Nitroaniline
Concen: 5.392 ng
RT: 13.343 min Scan# 1
Delta R.T. -0.440 min
Lab File: BG053796.D
Acq: 2 Jun 2022 18:18

Instrument :
BNA_G
ClientSampleId :
P014-SS002-1824-01

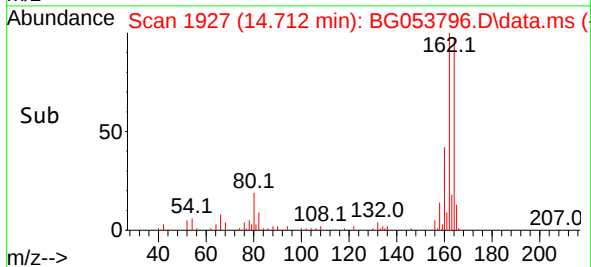
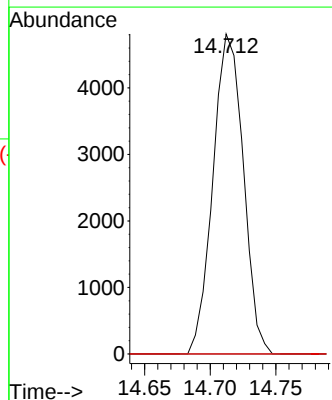
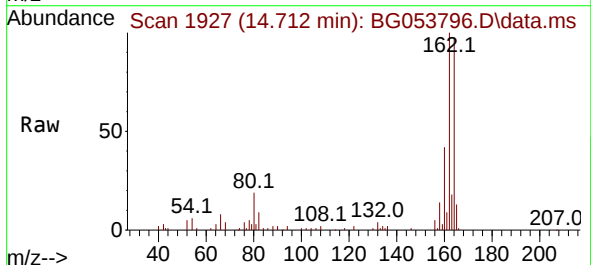


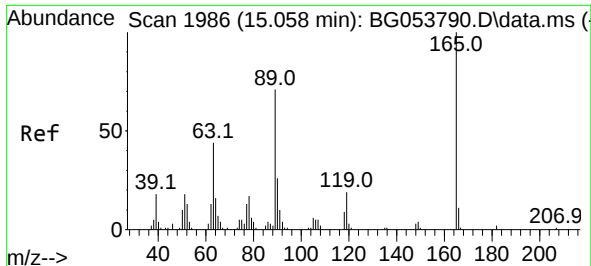
Tgt Ion: 65 Resp: 312
Ion Ratio Lower Upper
65 100
92 162.8 51.5 77.3#
138 0.0 71.3 106.9#



#51
2,6-Dinitrotoluene
Concen: 13.596 ng
RT: 14.712 min Scan# 1927
Delta R.T. 0.435 min
Lab File: BG053796.D
Acq: 2 Jun 2022 18:18

Tgt Ion:165 Resp: 7740
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: 11.354 ng

RT: 14.712 min Scan# 1986

Delta R.T. -0.346 min

Lab File: BG053796.D

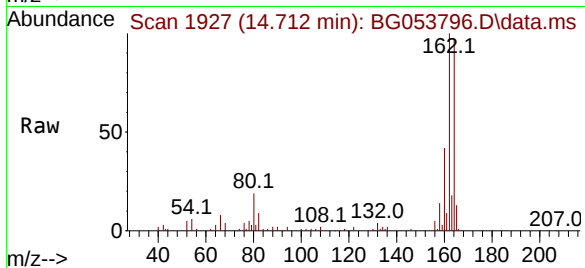
Acq: 2 Jun 2022 18:18

Instrument :

BNA_G

ClientSampleId :

P014-SS002-1824-01



Tgt Ion:165 Resp: 7740

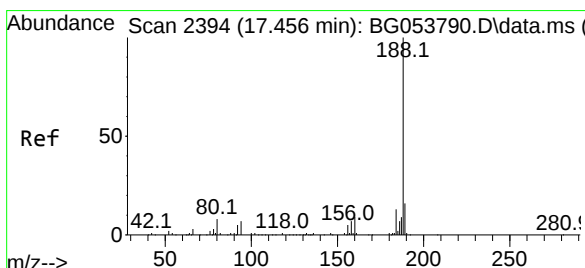
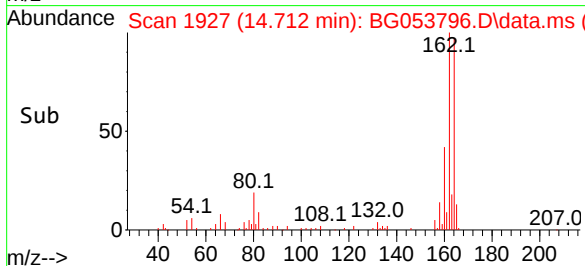
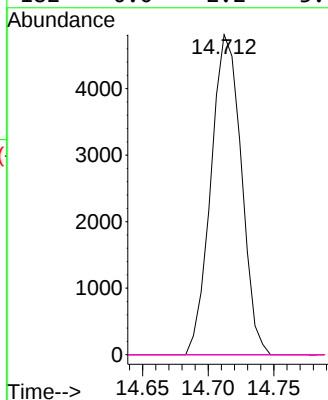
Ion Ratio Lower Upper

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: 17.456 min Scan# 2394

Delta R.T. -0.000 min

Lab File: BG053796.D

Acq: 2 Jun 2022 18:18

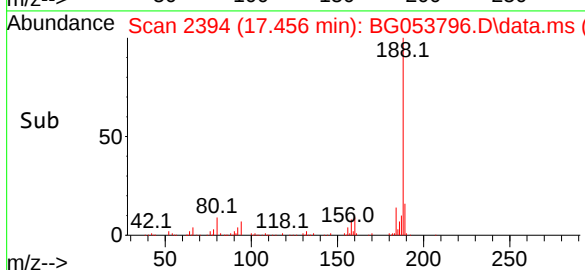
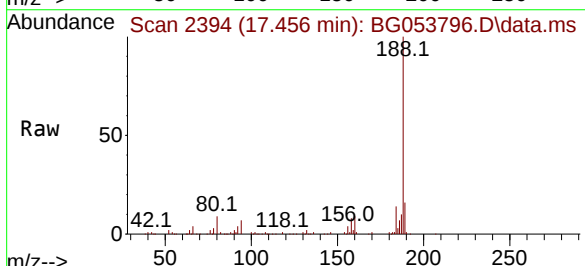
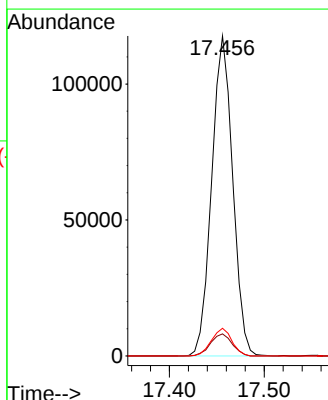
Tgt Ion:188 Resp: 180843

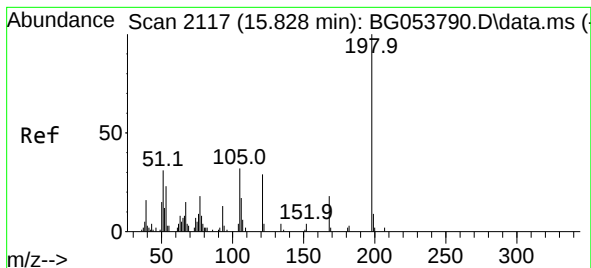
Ion Ratio Lower Upper

188 100

94 6.9 5.4 8.0

80 8.7 6.8 10.2

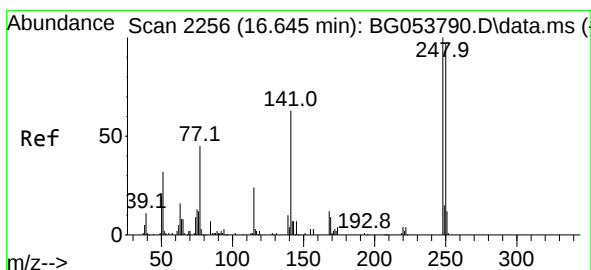
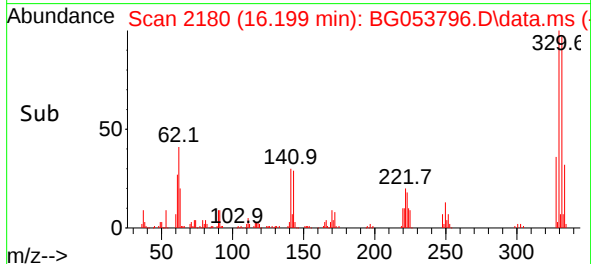
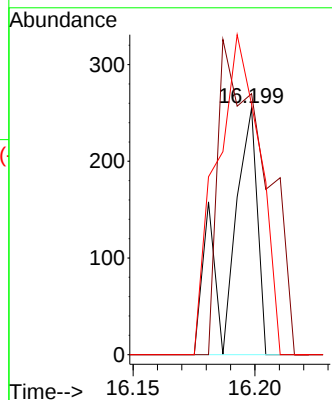
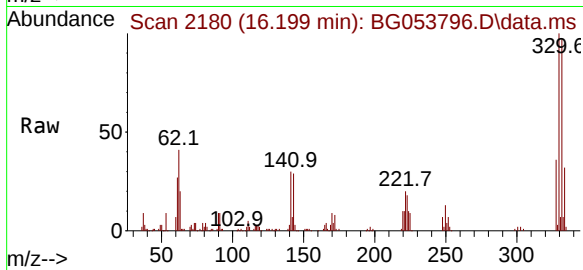




#65
4,6-Dinitro-2-methylphenol
Concen: 5.862 ng
RT: 16.199 min Scan# 2117
Delta R.T. 0.371 min
Lab File: BG053796.D
Acq: 2 Jun 2022 18:18

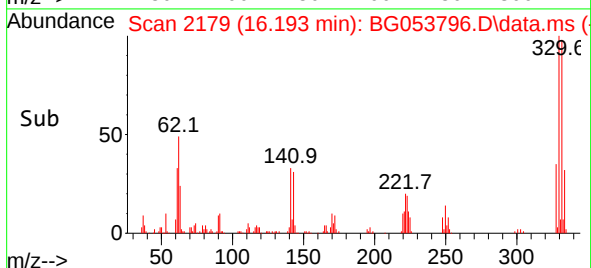
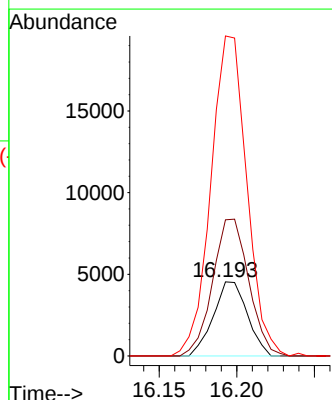
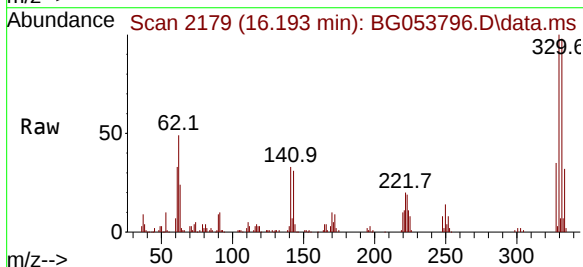
Instrument :
BNA_G
ClientSampleId :
P014-SS002-1824-01

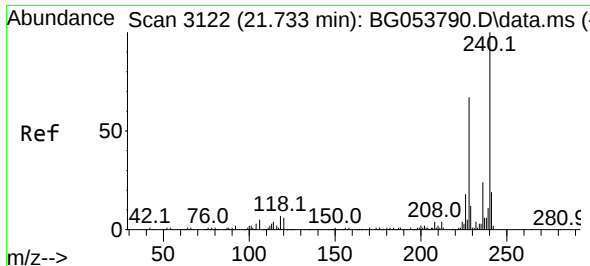
Tgt Ion:198 Resp: 203
Ion Ratio Lower Upper
198 100
51 27.7 28.1 68.1#
105 26.6 20.3 60.3



#67
4-Bromophenyl-phenylether
Concen: 3.512 ng
RT: 16.193 min Scan# 2179
Delta R.T. -0.452 min
Lab File: BG053796.D
Acq: 2 Jun 2022 18:18

Tgt Ion:248 Resp: 6900
Ion Ratio Lower Upper
248 100
250 192.0 75.2 112.8#
141 341.5 50.0 75.0#

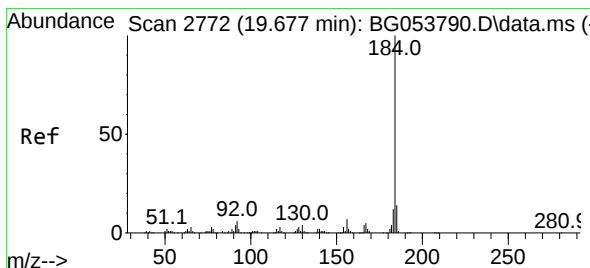
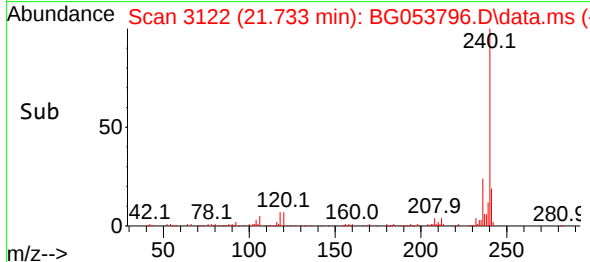
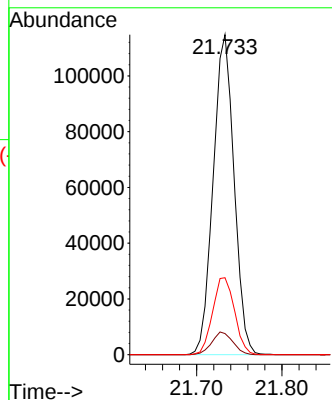
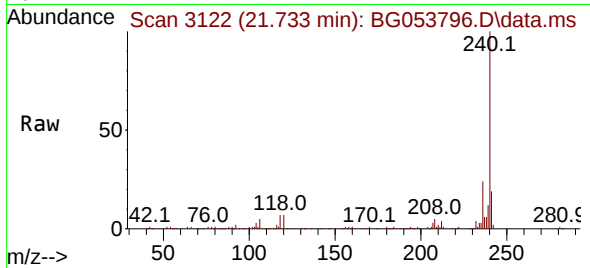




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.733 min Scan# 3122
Delta R.T. 0.000 min
Lab File: BG053796.D
Acq: 2 Jun 2022 18:18

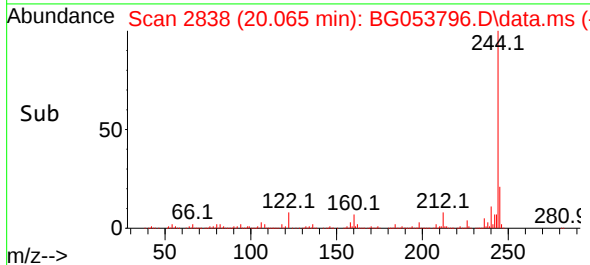
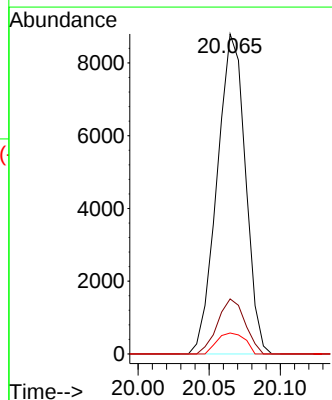
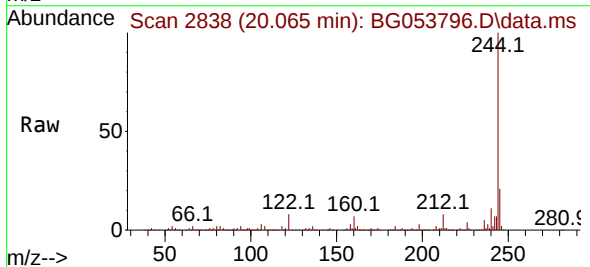
Instrument :
BNA_G
ClientSampleId :
P014-SS002-1824-01

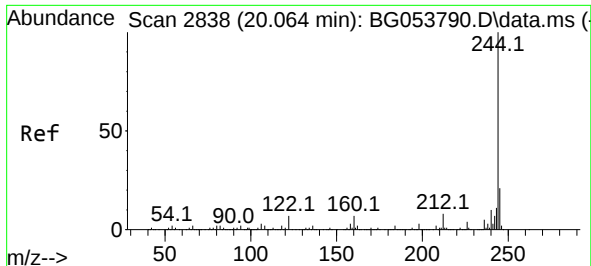
Tgt Ion:240 Resp: 195335
Ion Ratio Lower Upper
240 100
120 6.6 4.6 7.0
236 24.0 20.2 30.4



#77
Benzidine
Concen: 2.551 ng
RT: 20.065 min Scan# 2838
Delta R.T. 0.388 min
Lab File: BG053796.D
Acq: 2 Jun 2022 18:18

Tgt Ion:184 Resp: 12186
Ion Ratio Lower Upper
184 100
185 17.2 11.8 17.6
183 6.6 8.9 13.3#

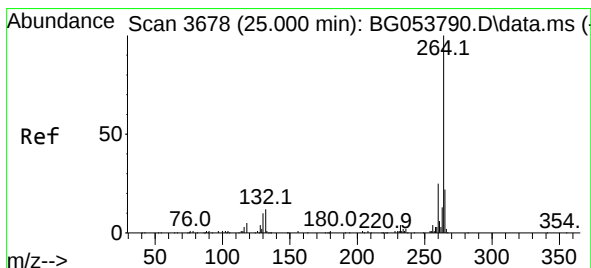
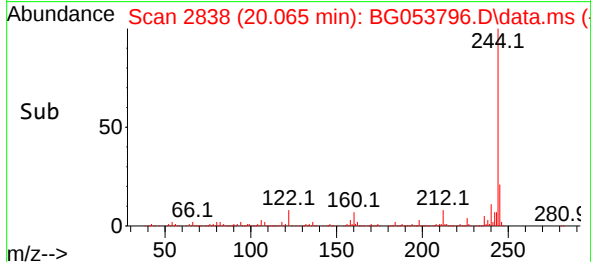
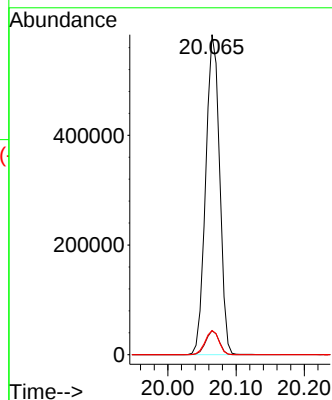
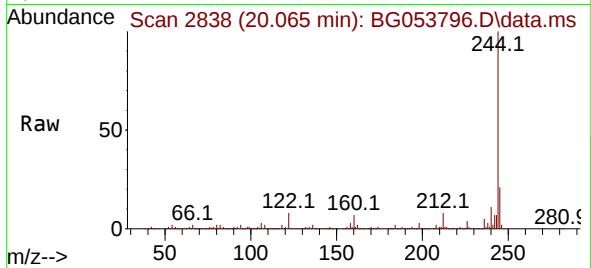




#79
 Terphenyl-d14
 Concen: 84.395 ng
 RT: 20.065 min Scan# 21
 Delta R.T. 0.001 min
 Lab File: BG053796.D
 Acq: 2 Jun 2022 18:18

Instrument :
 BNA_G
 ClientSampleId :
 P014-SS002-1824-01

Tgt Ion:244 Resp: 828656
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.5 9.7
 122 7.5 5.0 7.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.994 min Scan# 3677
 Delta R.T. -0.006 min
 Lab File: BG053796.D
 Acq: 2 Jun 2022 18:18

Tgt Ion:264 Resp: 188434
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.0 28.6
 265 21.5 17.4 26.2

