

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060222\
 Data File : BG053803.D
 Acq On : 2 Jun 2022 22:56
 Operator : CG/JU
 Sample : N2987-03
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P033-SS001-1218-01

Quant Time: Jun 03 02:28:46 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)

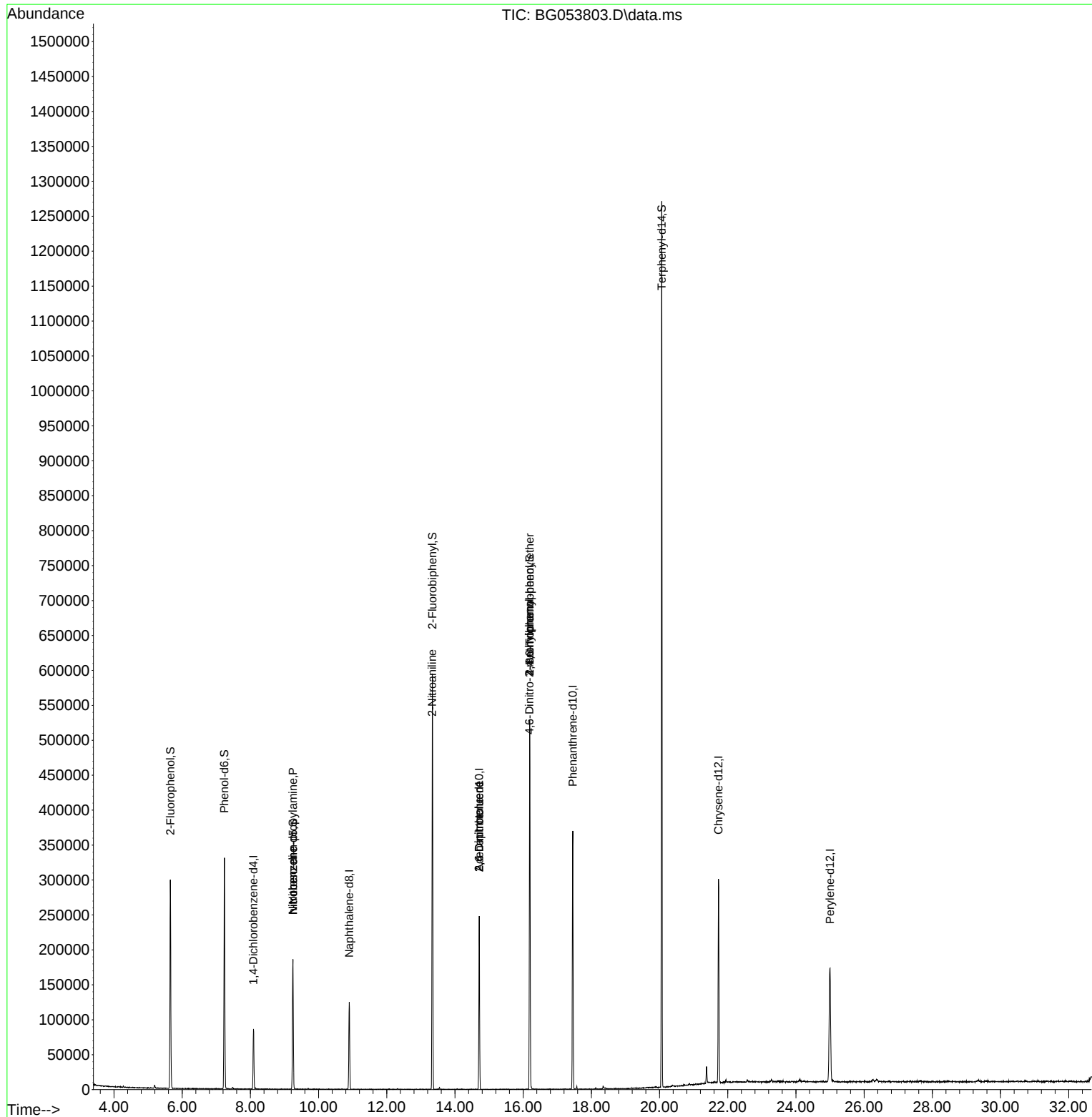
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.091	152	25950	20.000	ng	0.00
21) Naphthalene-d8	10.900	136	112081	20.000	ng	0.00
39) Acenaphthene-d10	14.713	164	92331	20.000	ng	0.00
64) Phenanthrene-d10	17.457	188	254788	20.000	ng	0.00
76) Chrysene-d12	21.728	240	195885	20.000	ng	# 0.00
86) Perylene-d12	25.001	264	196807	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.653	112	138478	97.994	ng	0.00
7) Phenol-d6	7.239	99	193398	101.032	ng	0.00
23) Nitrobenzene-d5	9.249	82	115244	67.521	ng	0.00
42) 2,4,6-Tribromophenol	16.193	330	112294	100.194	ng	0.00
45) 2-Fluorobiphenyl	13.338	172	335002	54.279	ng	0.00
79) Terphenyl-d14	20.065	244	676792	68.735	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.249	70	15442	11.390	ng	# 88
24) Nitrobenzene	9.249	77	342	3.141	ng	# 48
48) 2-Nitroaniline	13.332	65	523	5.400	ng	# 1
51) 2,6-Dinitrotoluene	14.713	165	12361	13.371	ng	# 16
57) 2,4-Dinitrotoluene	14.713	165	12361	11.190	ng	# 21
65) 4,6-Dinitro-2-methylph...	16.188	198	232	5.813	ng	88
67) 4-Bromophenyl-phenylether	16.193	248	7569	2.734	ng	# 1

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060222\
Data File : BG053803.D
Acq On : 2 Jun 2022 22:56
Operator : CG/JU
Sample : N2987-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
P033-SS001-1218-01

Quant Time: Jun 03 02:28:46 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

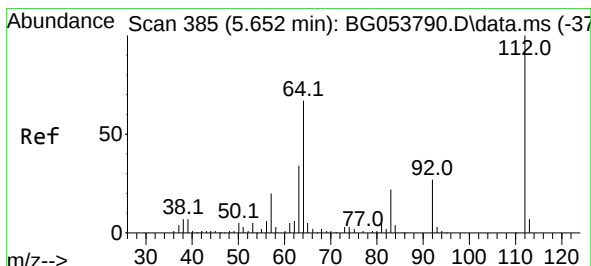
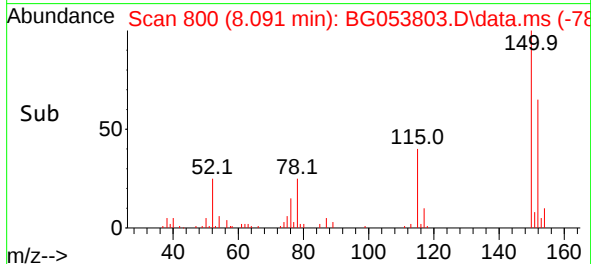
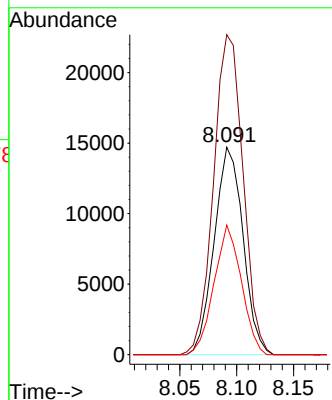
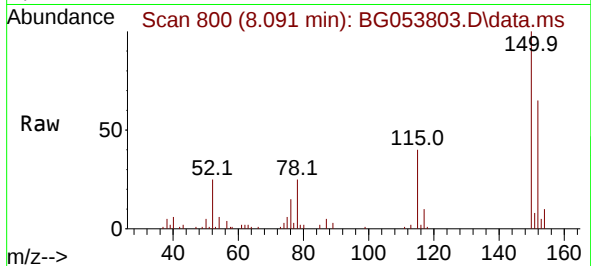




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.091 min Scan# 801
Delta R.T. -0.005 min
Lab File: BG053803.D
Acq: 2 Jun 2022 22:56

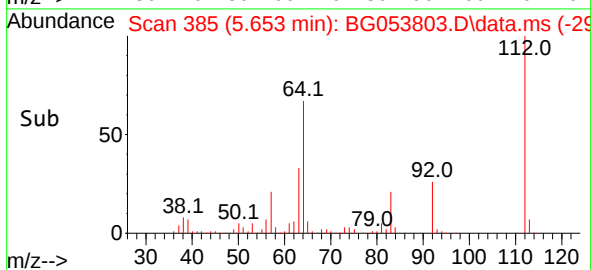
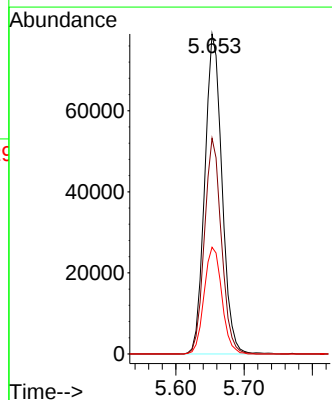
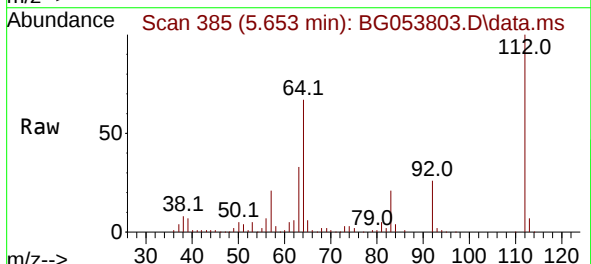
Instrument :
BNA_G
ClientSampleId :
P033-SS001-1218-01

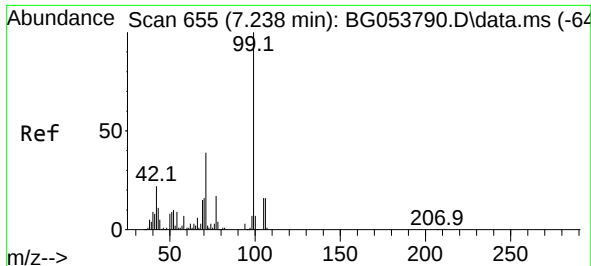
Tgt Ion:152 Resp: 25950
Ion Ratio Lower Upper
152 100
150 154.2 131.6 197.4
115 62.4 50.9 76.3



#5
2-Fluorophenol
Concen: 97.994 ng
RT: 5.653 min Scan# 385
Delta R.T. 0.001 min
Lab File: BG053803.D
Acq: 2 Jun 2022 22:56

Tgt Ion:112 Resp: 138478
Ion Ratio Lower Upper
112 100
64 67.4 55.1 82.7
63 33.4 30.4 45.6

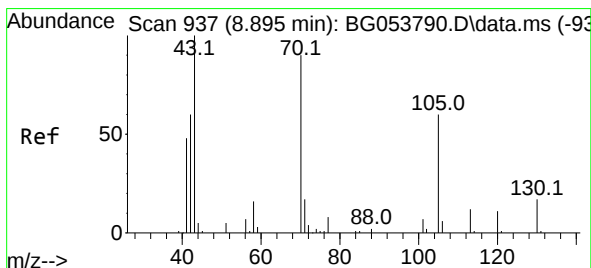
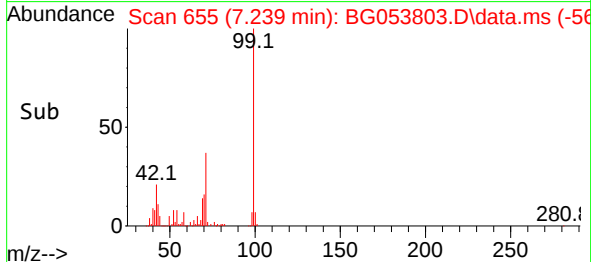
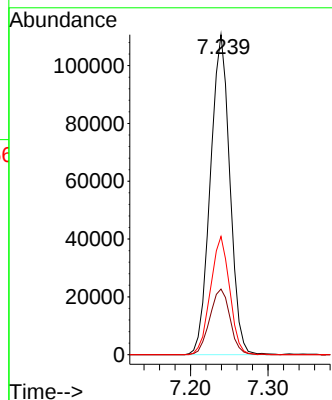
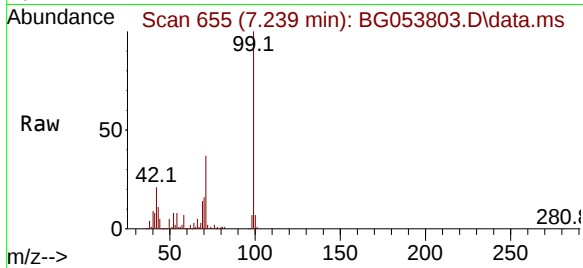




#7
Phenol-d6
Concen: 101.032 ng
RT: 7.239 min Scan# 61
Delta R.T. 0.001 min
Lab File: BG053803.D
Acq: 2 Jun 2022 22:56

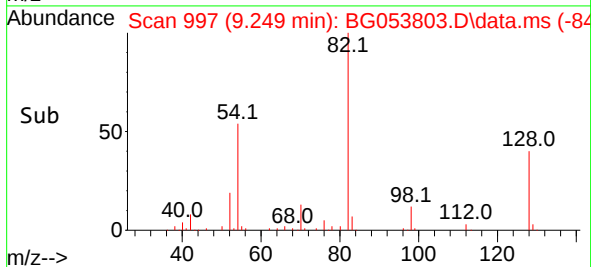
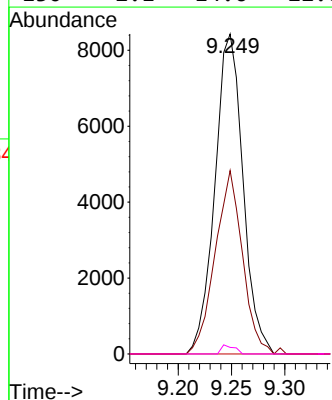
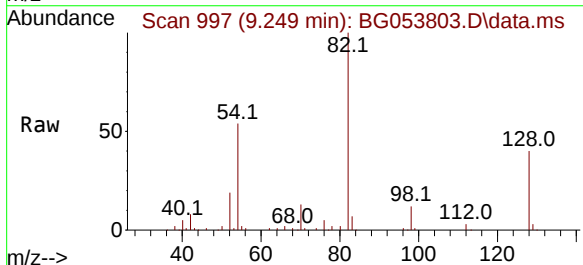
Instrument :
BNA_G
ClientSampleId :
P033-SS001-1218-01

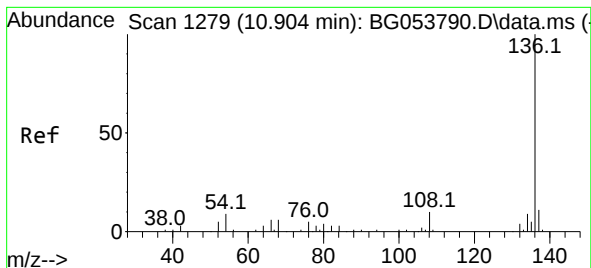
Tgt Ion: 99 Resp: 193398
Ion Ratio Lower Upper
99 100
42 20.5 17.0 25.6
71 37.0 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 11.390 ng
RT: 9.249 min Scan# 997
Delta R.T. 0.354 min
Lab File: BG053803.D
Acq: 2 Jun 2022 22:56

Tgt Ion: 70 Resp: 15442
Ion Ratio Lower Upper
70 100
42 57.3 47.3 70.9
101 0.0 7.0 10.4#
130 2.1 14.6 22.0#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.900 min Scan# 11

Delta R.T. -0.004 min

Lab File: BG053803.D

Acq: 2 Jun 2022 22:56

Instrument :

BNA_G

ClientSampleId :

P033-SS001-1218-01

Tgt Ion:136 Resp: 112081

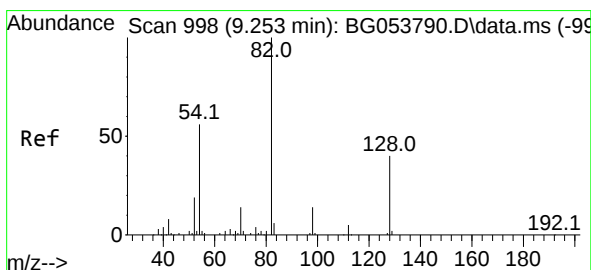
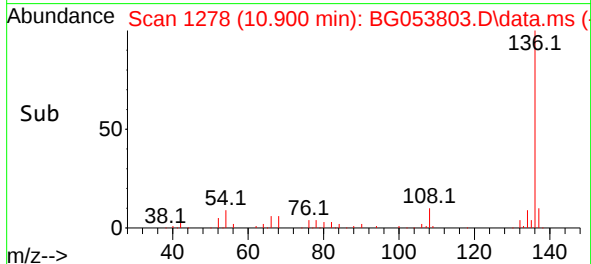
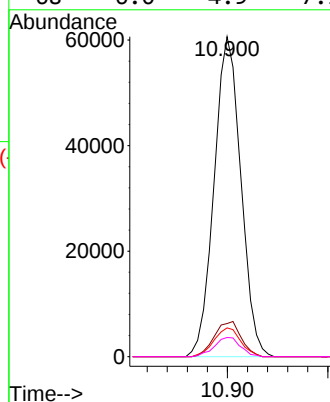
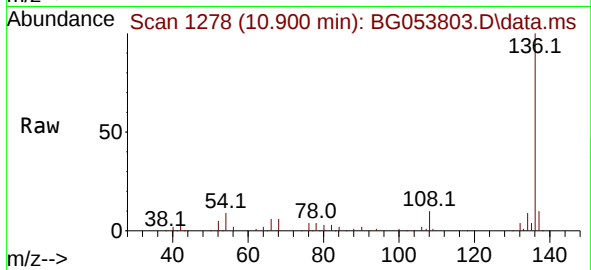
Ion Ratio Lower Upper

136 100

137 10.4 8.5 12.7

54 9.0 7.4 11.2

68 6.0 4.9 7.3



#23

Nitrobenzene-d5

Concen: 67.521 ng

RT: 9.249 min Scan# 997

Delta R.T. -0.004 min

Lab File: BG053803.D

Acq: 2 Jun 2022 22:56

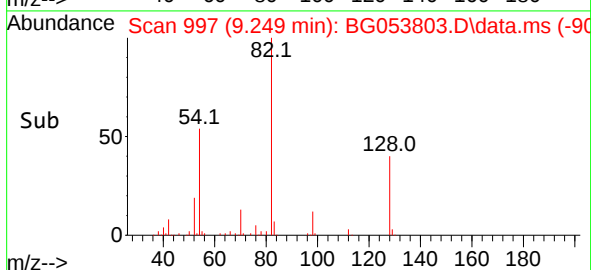
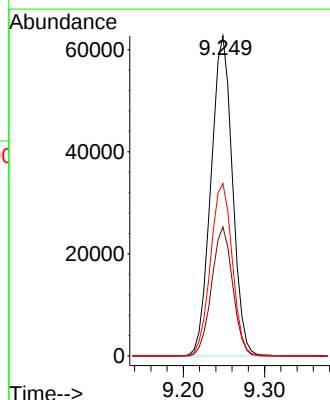
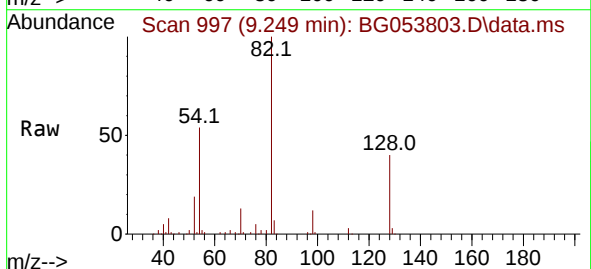
Tgt Ion: 82 Resp: 115244

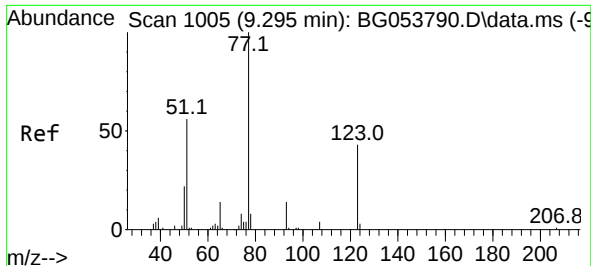
Ion Ratio Lower Upper

82 100

128 40.3 27.9 41.9

54 53.9 41.2 61.8

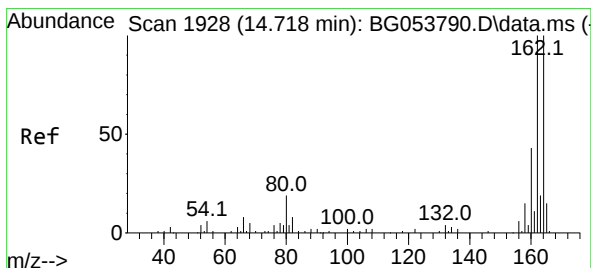
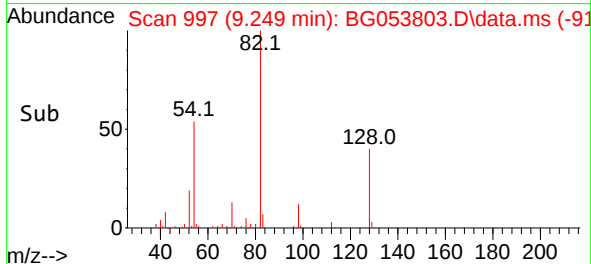
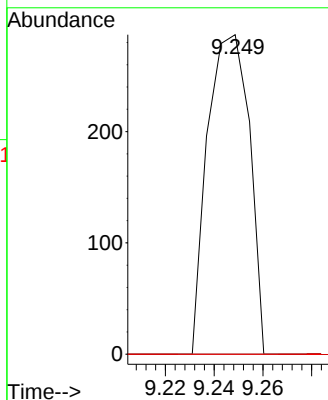
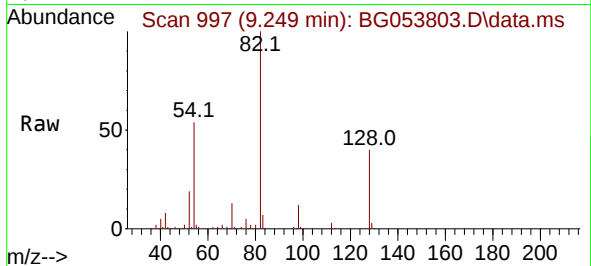




#24
Nitrobenzene
Concen: 3.141 ng
RT: 9.249 min Scan# 91
Delta R.T. -0.046 min
Lab File: BG053803.D
Acq: 2 Jun 2022 22:56

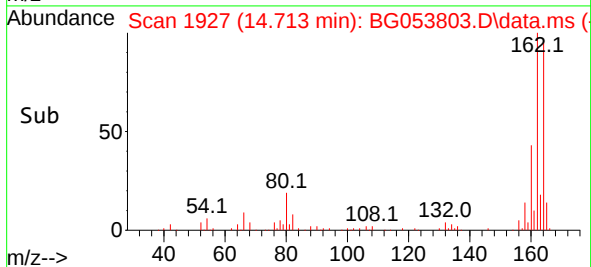
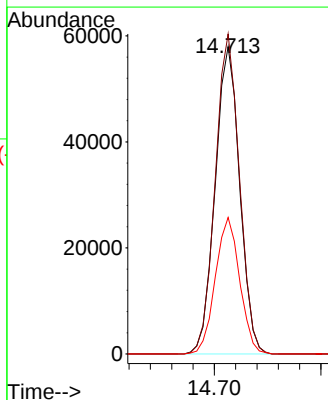
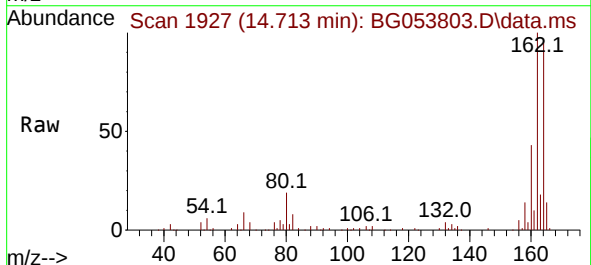
Instrument :
BNA_G
ClientSampleId :
P033-SS001-1218-01

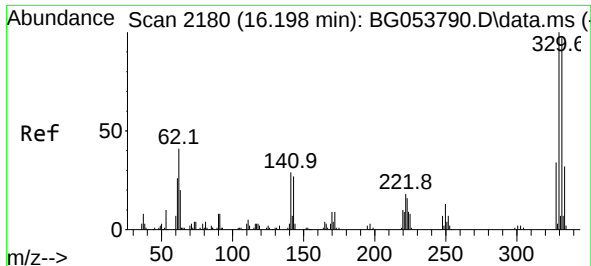
Tgt Ion: 77 Resp: 342
Ion Ratio Lower Upper
77 100
123 0.0 27.4 41.0#
65 0.0 11.4 17.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.713 min Scan# 1927
Delta R.T. -0.005 min
Lab File: BG053803.D
Acq: 2 Jun 2022 22:56

Tgt Ion:164 Resp: 92331
Ion Ratio Lower Upper
164 100
162 104.1 82.3 123.5
160 44.4 34.2 51.2

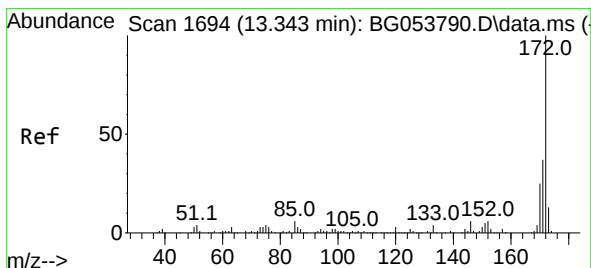
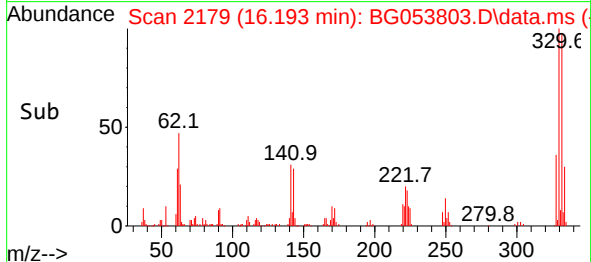
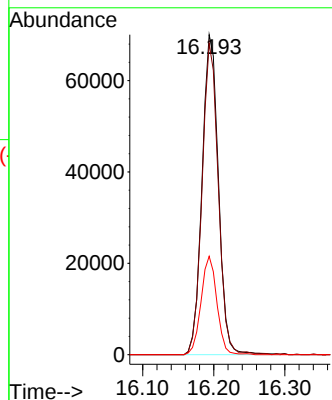
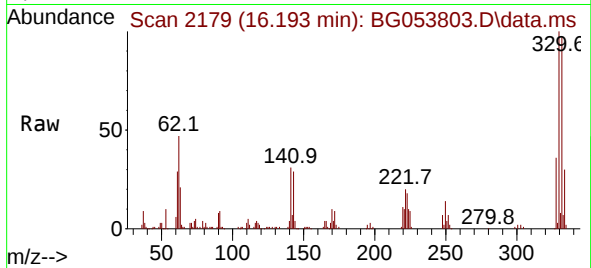




#42
2,4,6-Tribromophenol
Concen: 100.194 ng
RT: 16.193 min Scan# 2180
Delta R.T. -0.005 min
Lab File: BG053803.D
Acq: 2 Jun 2022 22:56

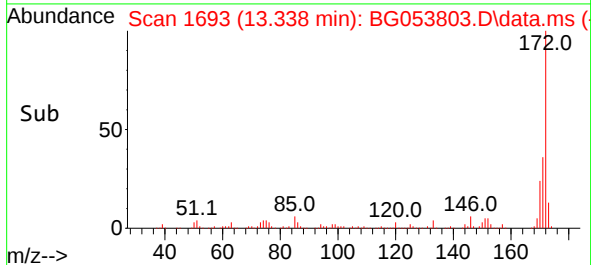
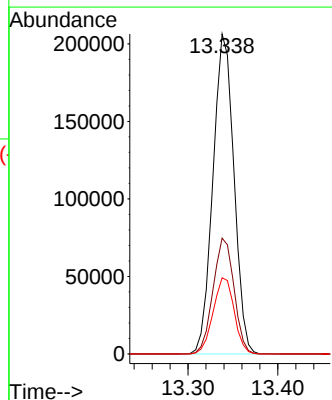
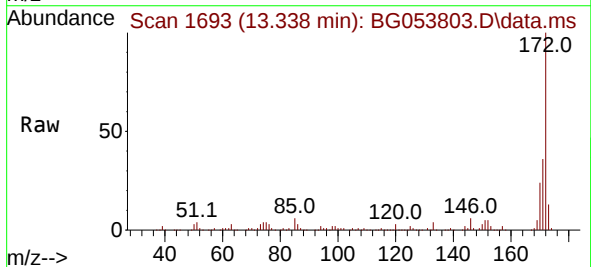
Instrument :
BNA_G
ClientSampleId :
P033-SS001-1218-01

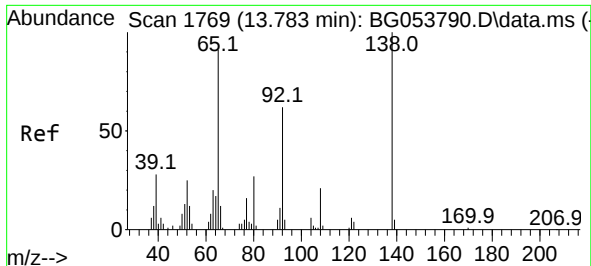
Tgt Ion:330 Resp: 112294
Ion Ratio Lower Upper
330 100
332 96.3 76.0 114.0
141 29.7 27.1 40.7



#45
2-Fluorobiphenyl
Concen: 54.279 ng
RT: 13.338 min Scan# 1693
Delta R.T. -0.005 min
Lab File: BG053803.D
Acq: 2 Jun 2022 22:56

Tgt Ion:172 Resp: 335002
Ion Ratio Lower Upper
172 100
171 36.2 28.5 42.7
170 23.8 18.9 28.3

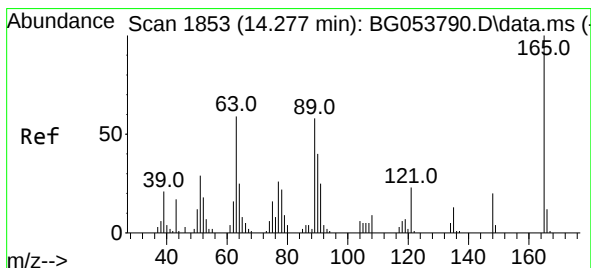
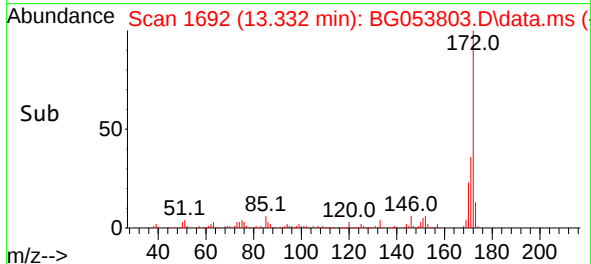
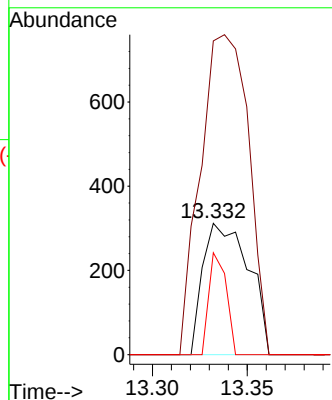
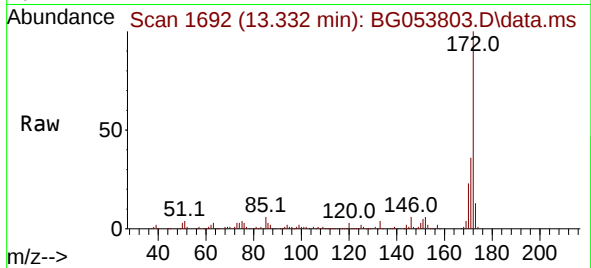




#48
2-Nitroaniline
Concen: 5.400 ng
RT: 13.332 min Scan# 1
Delta R.T. -0.451 min
Lab File: BG053803.D
Acq: 2 Jun 2022 22:56

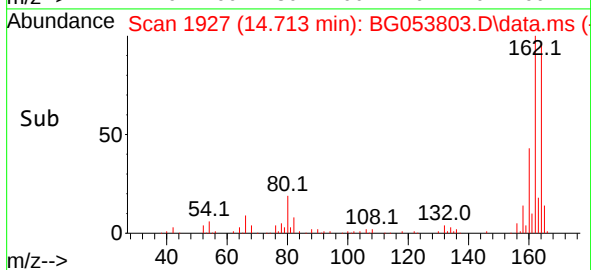
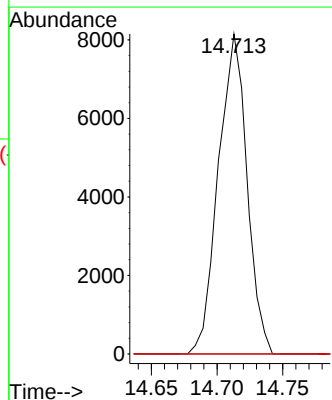
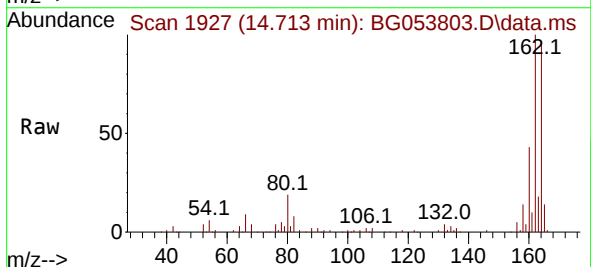
Instrument :
BNA_G
ClientSampleId :
P033-SS001-1218-01

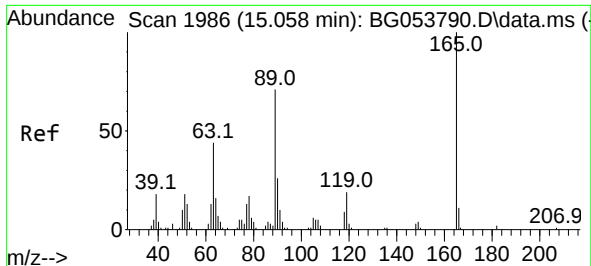
Tgt Ion: 65 Resp: 523
Ion Ratio Lower Upper
65 100
92 238.8 51.5 77.3#
138 77.6 71.3 106.9



#51
2,6-Dinitrotoluene
Concen: 13.371 ng
RT: 14.713 min Scan# 1927
Delta R.T. 0.436 min
Lab File: BG053803.D
Acq: 2 Jun 2022 22:56

Tgt Ion: 165 Resp: 12361
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: 11.190 ng

RT: 14.713 min Scan# 1986

Delta R.T. -0.345 min

Lab File: BG053803.D

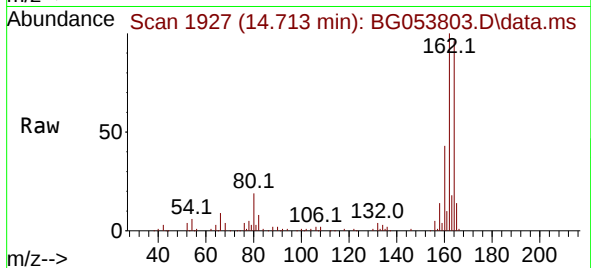
Acq: 2 Jun 2022 22:56

Instrument :

BNA_G

ClientSampleId :

P033-SS001-1218-01



Tgt Ion:165 Resp: 12361

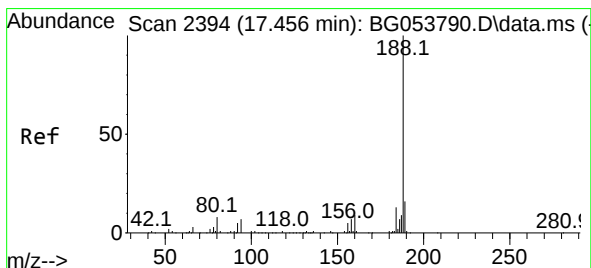
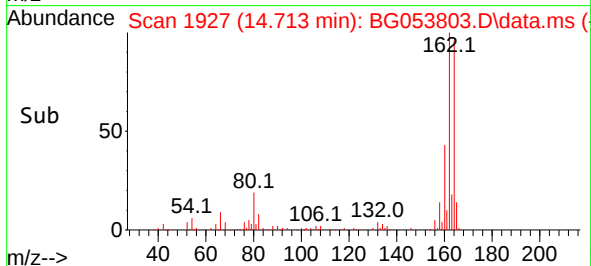
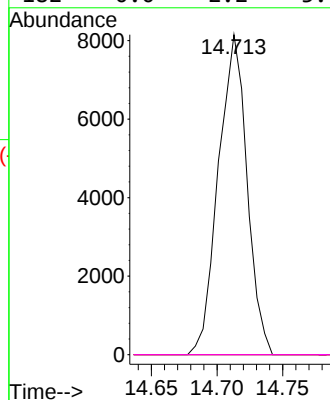
Ion Ratio Lower Upper

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: 17.457 min Scan# 2394

Delta R.T. 0.001 min

Lab File: BG053803.D

Acq: 2 Jun 2022 22:56

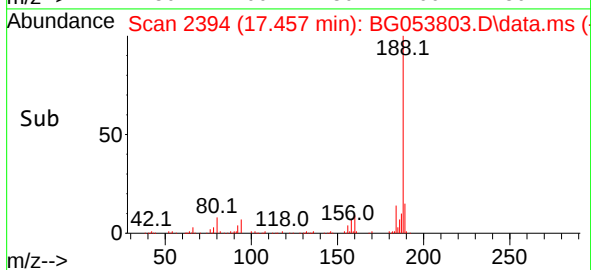
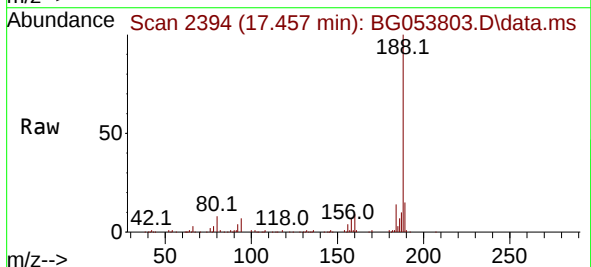
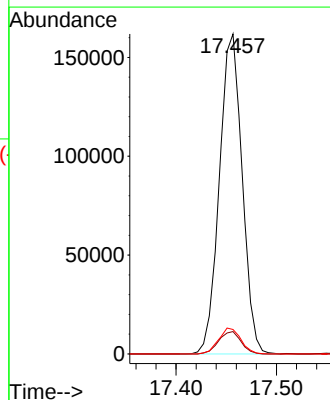
Tgt Ion:188 Resp: 254788

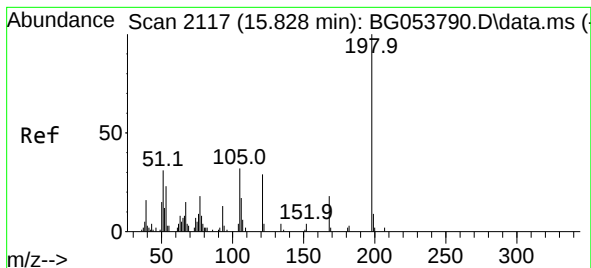
Ion Ratio Lower Upper

188 100

94 7.0 5.4 8.0

80 7.7 6.8 10.2

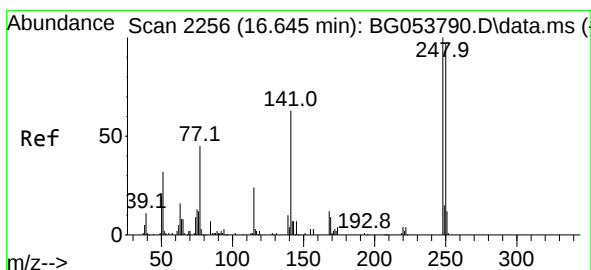
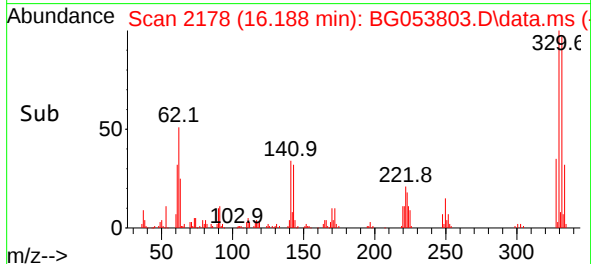
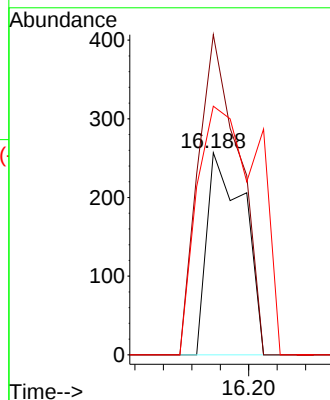
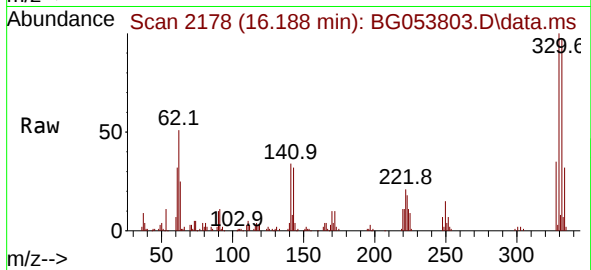




#65
4,6-Dinitro-2-methylphenol
Concen: 5.813 ng
RT: 16.188 min Scan# 2117
Delta R.T. 0.360 min
Lab File: BG053803.D
Acq: 2 Jun 2022 22:56

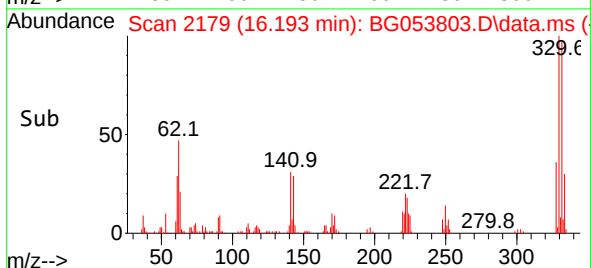
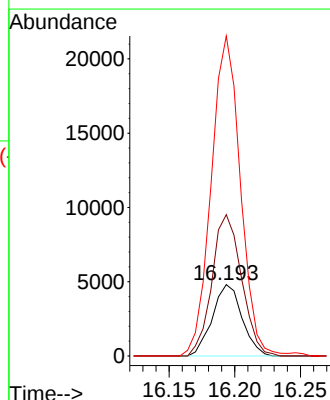
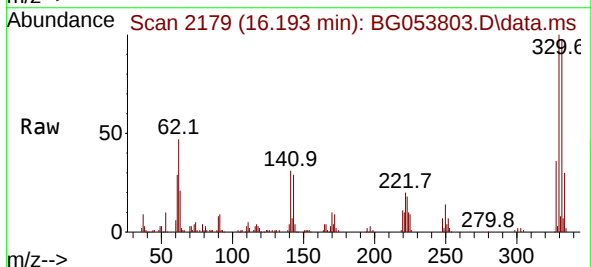
Instrument :
BNA_G
ClientSampleId :
P033-SS001-1218-01

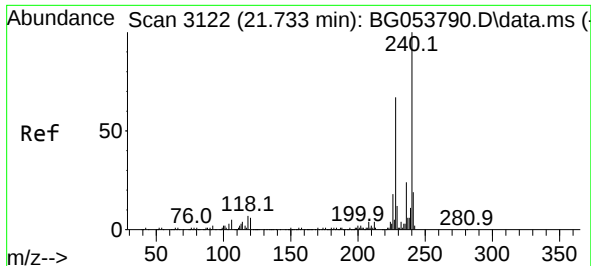
Tgt Ion:198 Resp: 232
Ion Ratio Lower Upper
198 100
51 41.1 28.1 68.1
105 31.9 20.3 60.3



#67
4-Bromophenyl-phenylether
Concen: 2.734 ng
RT: 16.193 min Scan# 2179
Delta R.T. -0.451 min
Lab File: BG053803.D
Acq: 2 Jun 2022 22:56

Tgt Ion:248 Resp: 7569
Ion Ratio Lower Upper
248 100
250 200.7 75.2 112.8#
141 345.6 50.0 75.0#

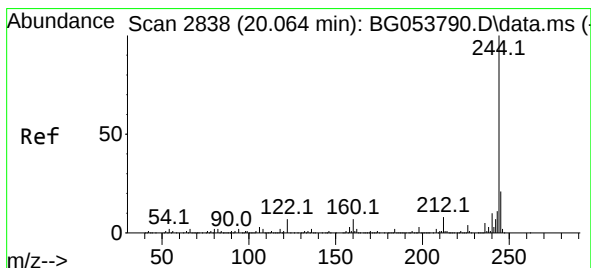
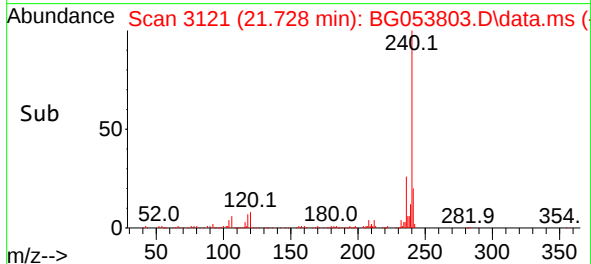
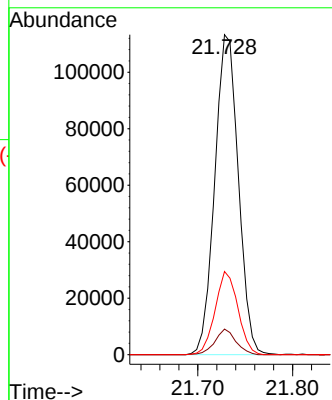
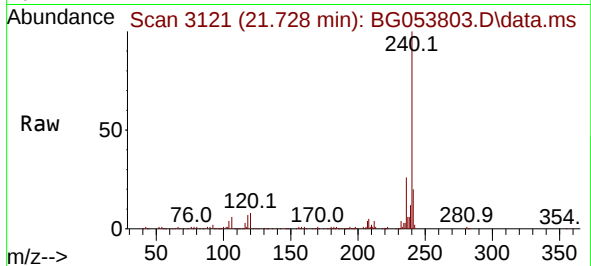




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.728 min Scan# 31
Delta R.T. -0.005 min
Lab File: BG053803.D
Acq: 2 Jun 2022 22:56

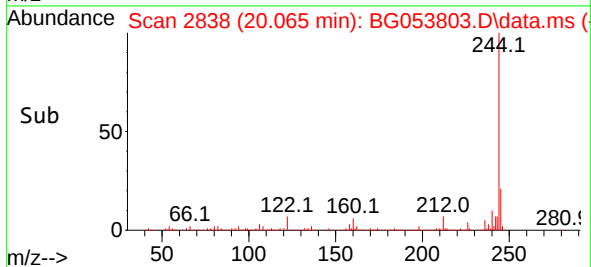
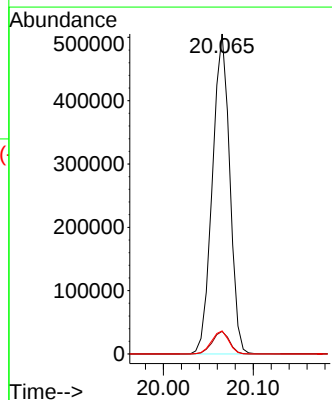
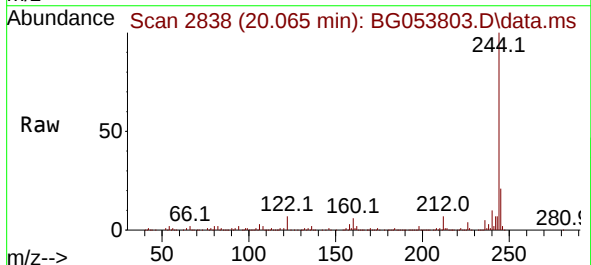
Instrument :
BNA_G
ClientSampleId :
P033-SS001-1218-01

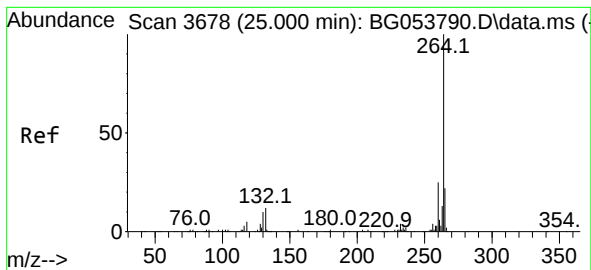
Tgt Ion:240 Resp: 195885
Ion Ratio Lower Upper
240 100
120 8.0 4.6 7.0#
236 26.0 20.2 30.4



#79
Terphenyl-d14
Concen: 68.735 ng
RT: 20.065 min Scan# 2838
Delta R.T. 0.001 min
Lab File: BG053803.D
Acq: 2 Jun 2022 22:56

Tgt Ion:244 Resp: 676792
Ion Ratio Lower Upper
244 100
212 7.0 6.5 9.7
122 7.2 5.0 7.4





#86

Perylene-d12

Concen: 20.000 ng

RT: 25.001 min Scan# 30

Delta R.T. 0.001 min

Lab File: BG053803.D

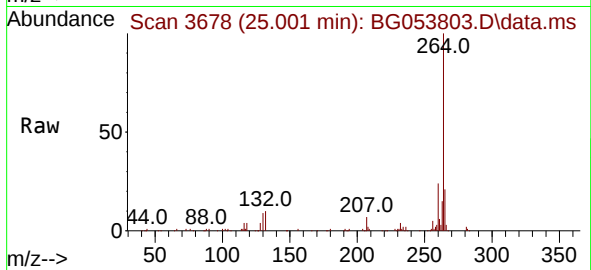
Acq: 2 Jun 2022 22:56

Instrument :

BNA_G

ClientSampleId :

P033-SS001-1218-01



Tgt Ion:264 Resp: 196807

Ion Ratio Lower Upper

264 100

260 24.3 19.0 28.6

265 21.4 17.4 26.2

