

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042222\
 Data File : BG053258.D
 Acq On : 22 Apr 2022 13:05
 Operator : CG/JU
 Sample : N2494-04
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MH-1D

Quant Time: Apr 24 01:14:47 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Apr 24 01:13:30 2022
 Response via : Initial Calibration

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

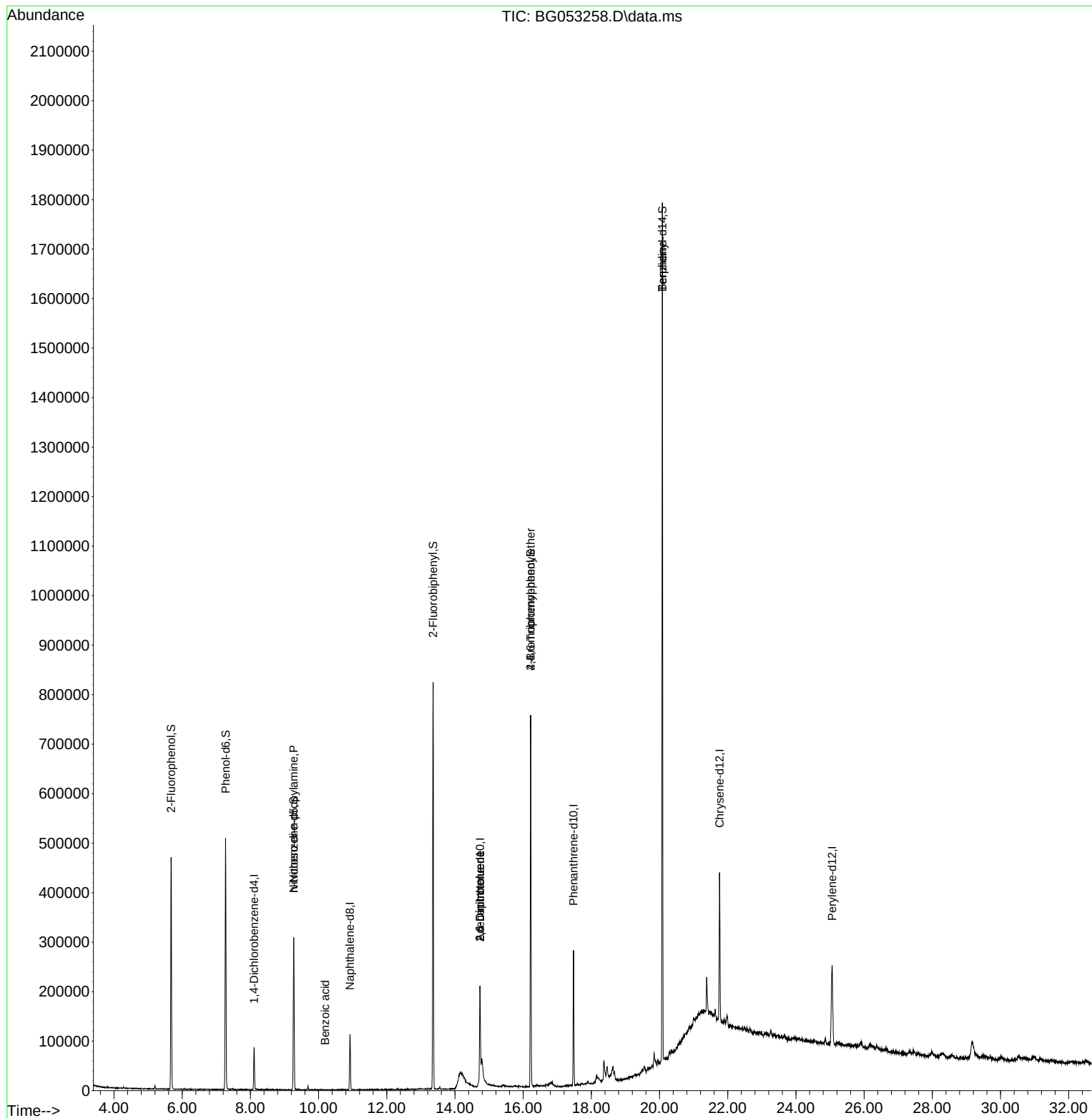
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.107	152	23350	20.000	ng	0.00
21) Naphthalene-d8	10.921	136	90459	20.000	ng	# 0.00
39) Acenaphthene-d10	14.733	164	64928	20.000	ng	0.00
64) Phenanthrene-d10	17.477	188	169702	20.000	ng	0.00
76) Chrysene-d12	21.759	240	179657	20.000	ng	0.00
86) Perylene-d12	25.061	264	181396	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.675	112	192878	141.597	ng	0.00
7) Phenol-d6	7.273	99	280833	133.692	ng	0.00
23) Nitrobenzene-d5	9.270	82	192535	86.421	ng	0.00
42) 2,4,6-Tribromophenol	16.220	330	150967	146.147	ng	0.00
45) 2-Fluorobiphenyl	13.359	172	432326	91.815	ng	0.00
79) Terphenyl-d14	20.085	244	895203	84.155	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.270	70	27920	18.155	ng	# 79
32) Benzoic acid	10.193	122	55	3.689	ng	# 1
51) 2,6-Dinitrotoluene	14.733	165	8472	7.820	ng	# 26
57) 2,4-Dinitrotoluene	14.733	165	8472	5.493	ng	# 25
67) 4-Bromophenyl-phenylether	16.220	248	9377	4.312	ng	# 1
77) Benzidine	20.085	184	15908	3.103	ng	# 92

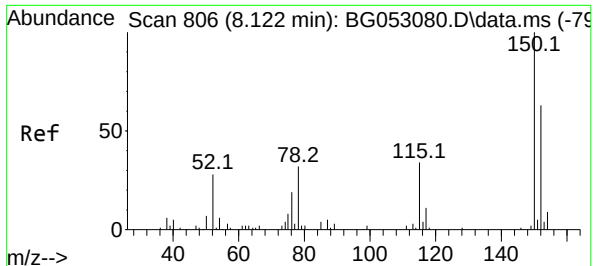
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Apr 24 01:13:30 2022
Response via : Initial Calibration

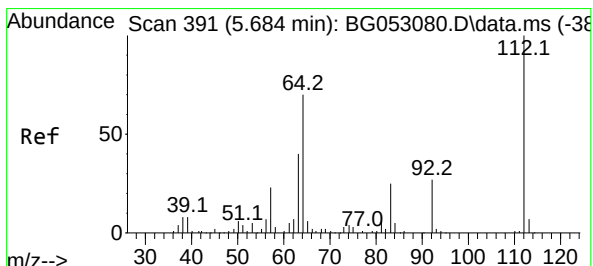
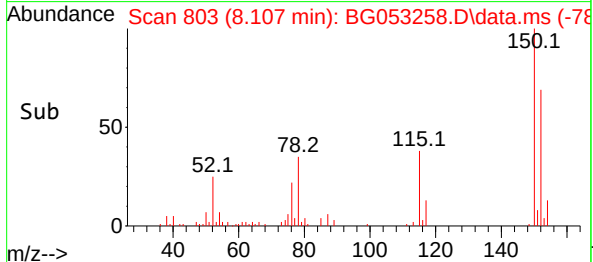
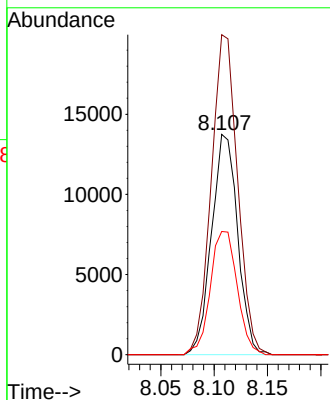
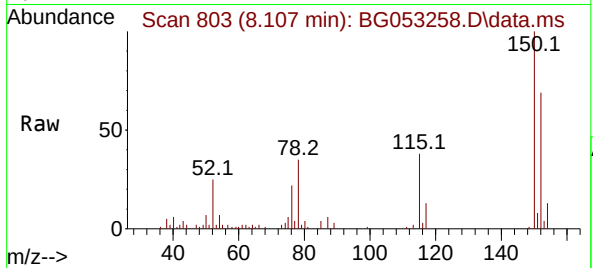




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.107 min Scan# 806
Delta R.T. -0.006 min
Lab File: BG053258.D
Acq: 22 Apr 2022 13:05

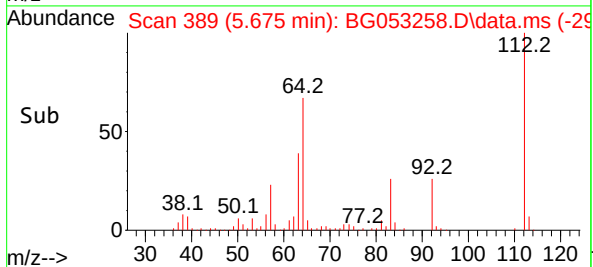
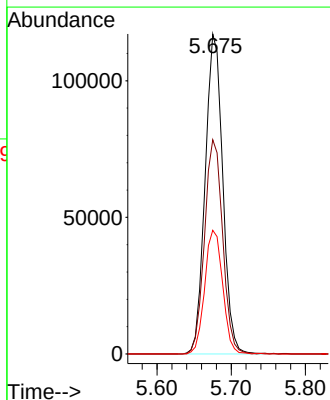
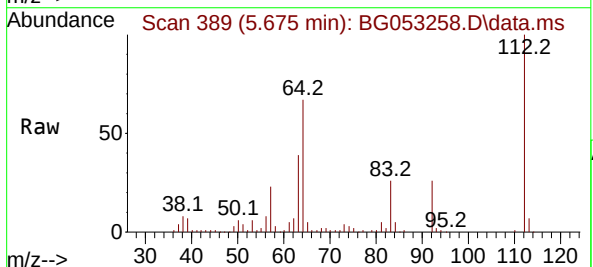
Instrument :
BNA_G
ClientSampleId :
MH-1D

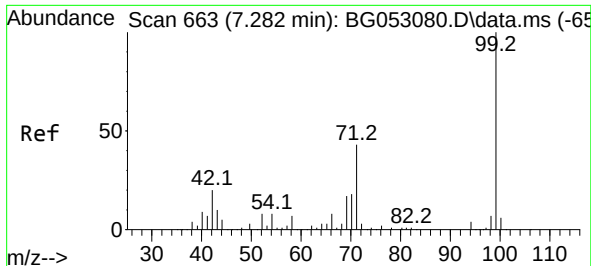
Tgt Ion:152 Resp: 23350
Ion Ratio Lower Upper
152 100
150 145.3 114.6 172.0
115 55.9 45.9 68.9



#5
2-Fluorophenol
Concen: 141.597 ng
RT: 5.675 min Scan# 389
Delta R.T. -0.001 min
Lab File: BG053258.D
Acq: 22 Apr 2022 13:05

Tgt Ion:112 Resp: 192878
Ion Ratio Lower Upper
112 100
64 66.9 48.0 72.0
63 38.7 26.5 39.7

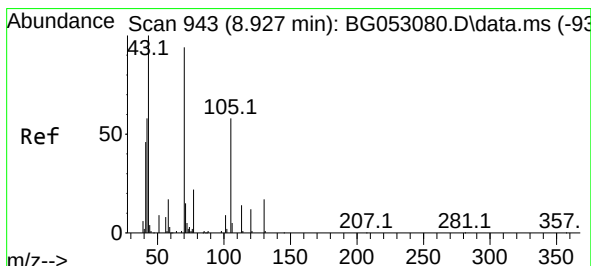
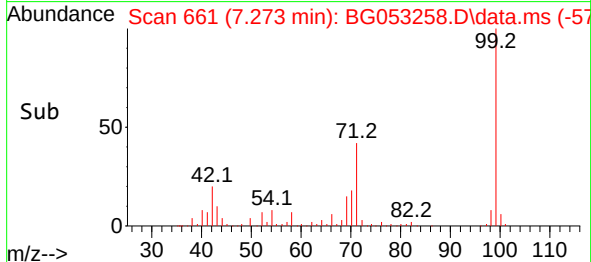
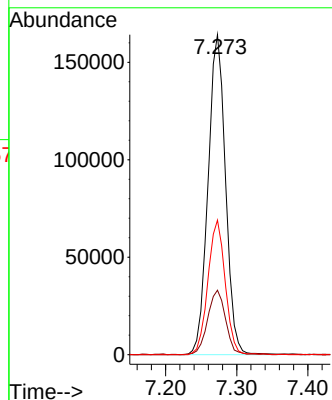
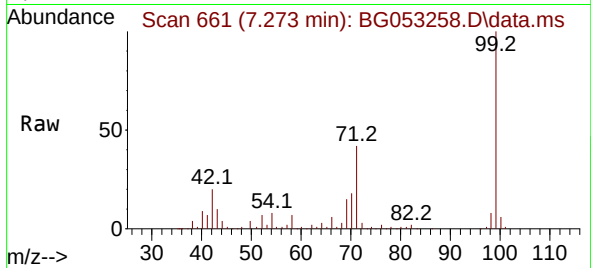




#7
Phenol-d6
Concen: 133.692 ng
RT: 7.273 min Scan# 60
Delta R.T. -0.001 min
Lab File: BG053258.D
Acq: 22 Apr 2022 13:05

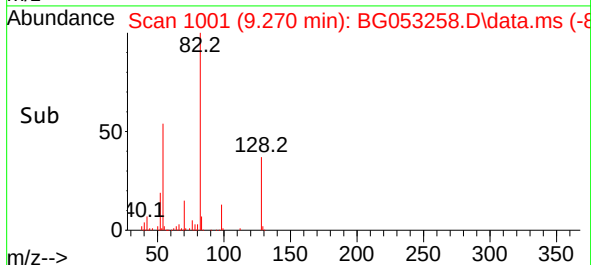
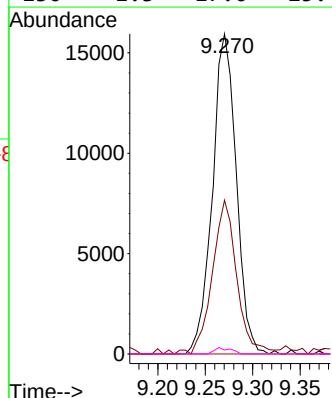
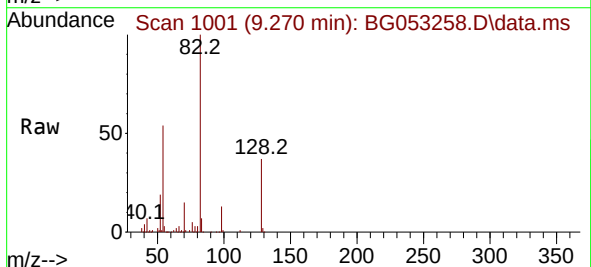
Instrument :
BNA_G
ClientSampleId :
MH-1D

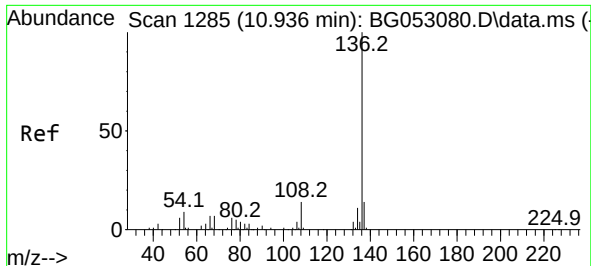
Tgt Ion: 99 Resp: 280833
Ion Ratio Lower Upper
99 100
42 20.2 14.7 22.1
71 42.1 29.2 43.8



#19
n-Nitroso-di-n-propylamine
Concen: 18.155 ng
RT: 9.270 min Scan# 1001
Delta R.T. 0.358 min
Lab File: BG053258.D
Acq: 22 Apr 2022 13:05

Tgt Ion: 70 Resp: 27920
Ion Ratio Lower Upper
70 100
42 48.1 46.0 69.0
101 0.0 6.2 9.4#
130 1.3 17.0 25.4#

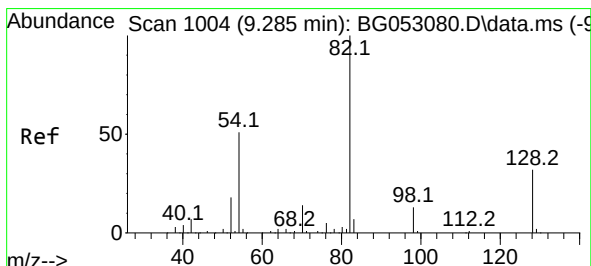
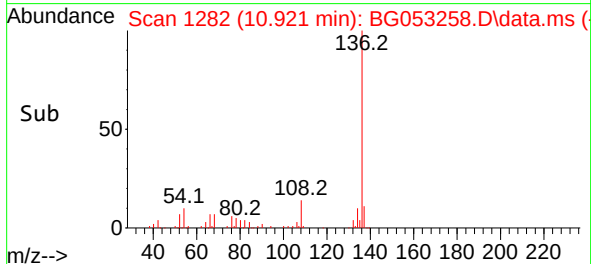
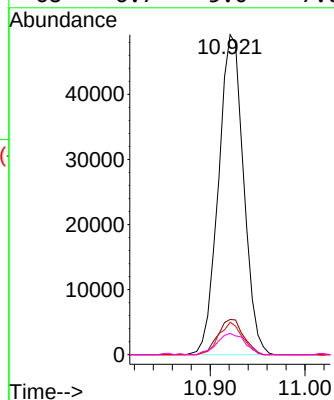
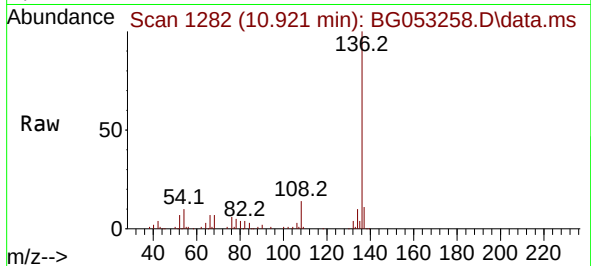




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.921 min Scan# 1001
Delta R.T. -0.001 min
Lab File: BG053258.D
Acq: 22 Apr 2022 13:05

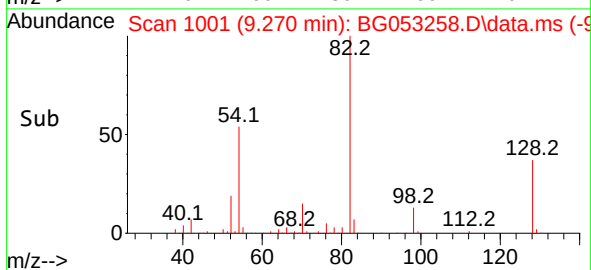
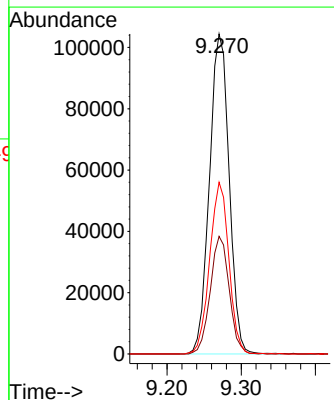
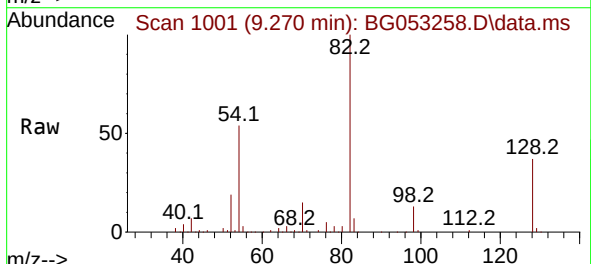
Instrument :
BNA_G
ClientSampleId :
MH-1D

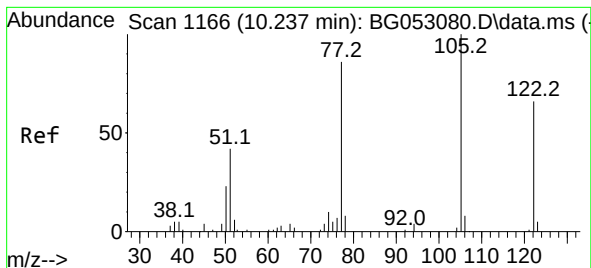
Tgt Ion:136	Resp:	90459
Ion Ratio	Lower	Upper
136	100	
137	11.0	9.4 14.2
54	10.2	6.4 9.6#
68	6.7	5.0 7.6



#23
Nitrobenzene-d5
Concen: 86.421 ng
RT: 9.270 min Scan# 1001
Delta R.T. -0.006 min
Lab File: BG053258.D
Acq: 22 Apr 2022 13:05

Tgt Ion: 82	Resp:	192535
Ion Ratio	Lower	Upper
82	100	
128	36.8	31.3 46.9
54	53.6	37.8 56.8





#32

Benzoic acid

Concen: 3.689 ng

RT: 10.193 min Scan# 1166

Delta R.T. -0.042 min

Lab File: BG053258.D

Acq: 22 Apr 2022 13:05

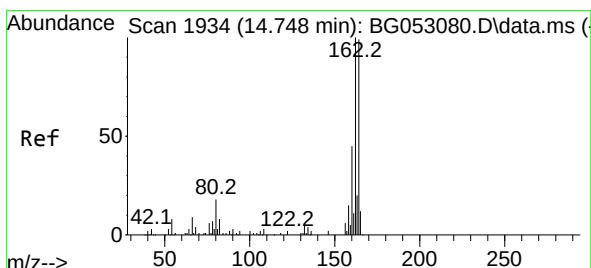
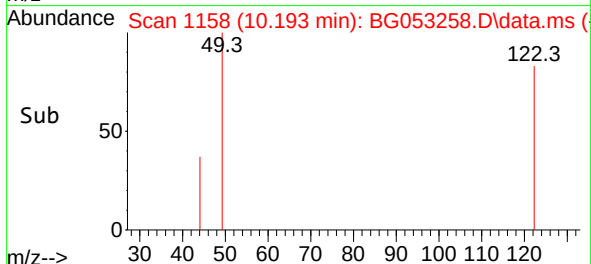
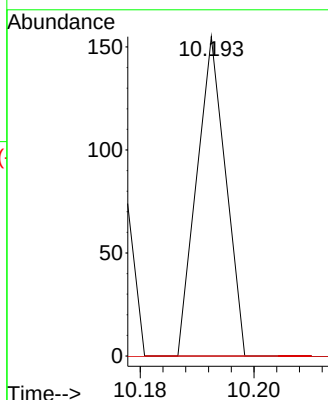
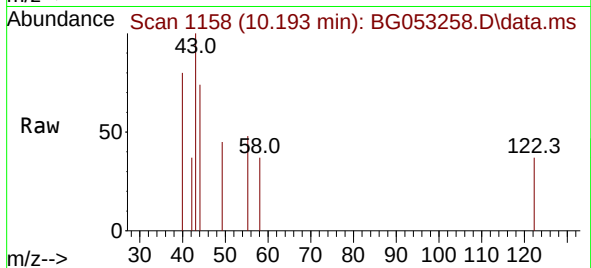
Instrument :

BNA_G

ClientSampleId :

MH-1D

Tgt Ion:122	Resp:	55
Ion Ratio	Lower	Upper
122	100	
105	0.0	112.8 152.8#
77	0.0	78.4 118.4#



#39

Acenaphthene-d10

Concen: 20.000 ng

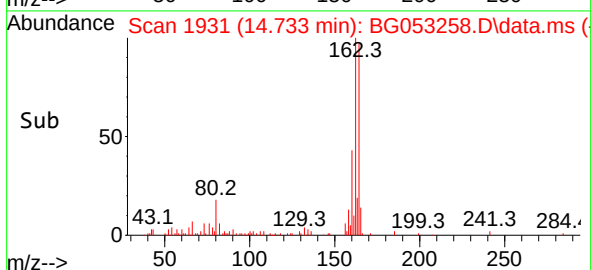
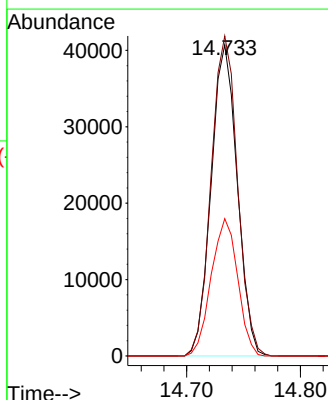
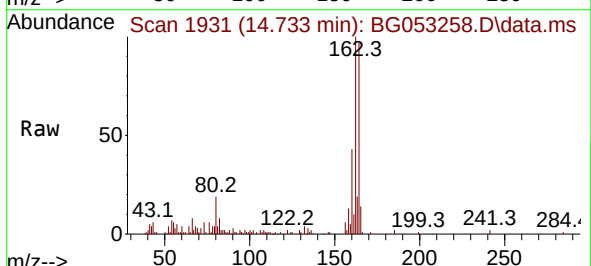
RT: 14.733 min Scan# 1931

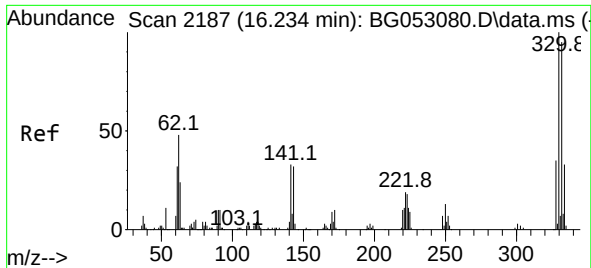
Delta R.T. -0.001 min

Lab File: BG053258.D

Acq: 22 Apr 2022 13:05

Tgt Ion:164	Resp:	64928
Ion Ratio	Lower	Upper
164	100	
162	102.8	80.0 120.0
160	44.1	38.8 58.2

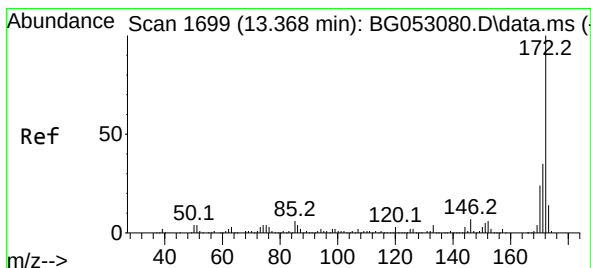
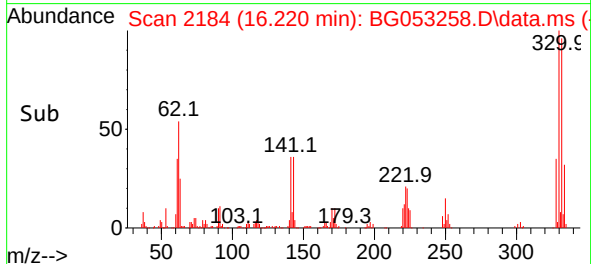
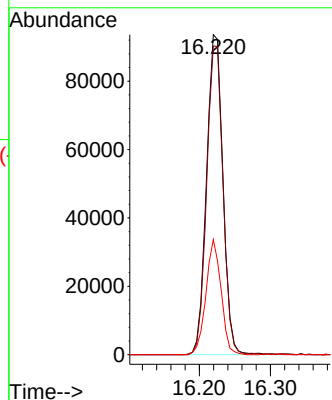
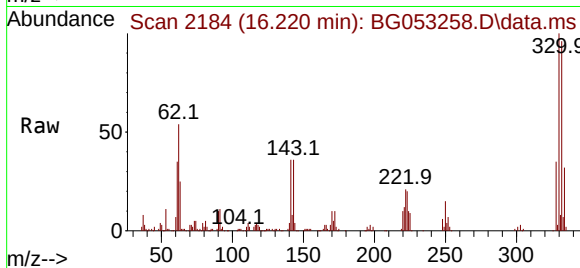




#42
2,4,6-Tribromophenol
Concen: 146.147 ng
RT: 16.220 min Scan# 2187
Delta R.T. -0.006 min
Lab File: BG053258.D
Acq: 22 Apr 2022 13:05

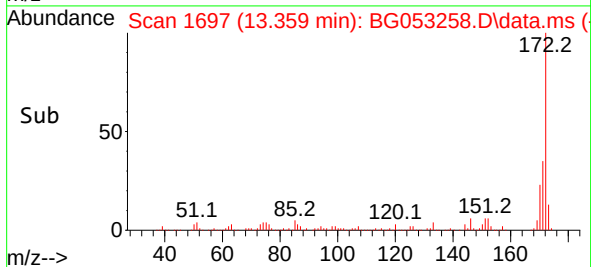
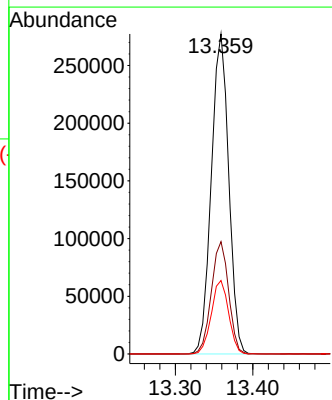
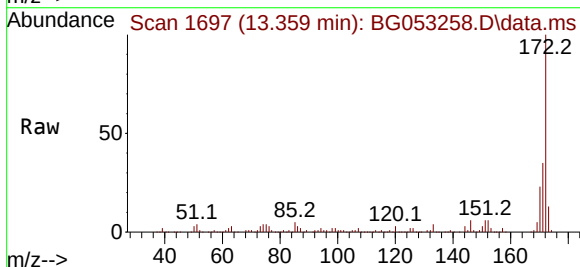
Instrument :
BNA_G
ClientSampleId :
MH-1D

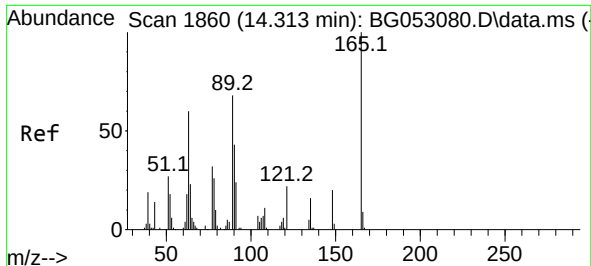
Tgt Ion:330 Resp: 150967
Ion Ratio Lower Upper
330 100
332 95.6 75.8 113.6
141 33.0 24.6 36.8



#45
2-Fluorobiphenyl
Concen: 91.815 ng
RT: 13.359 min Scan# 1697
Delta R.T. -0.001 min
Lab File: BG053258.D
Acq: 22 Apr 2022 13:05

Tgt Ion:172 Resp: 432326
Ion Ratio Lower Upper
172 100
171 35.1 28.3 42.5
170 23.0 18.0 27.0





#51

2,6-Dinitrotoluene

Concen: 7.820 ng

RT: 14.733 min Scan# 1931

Delta R.T. 0.428 min

Lab File: BG053258.D

Acq: 22 Apr 2022 13:05

Instrument :

BNA_G

ClientSampleId :

MH-1D

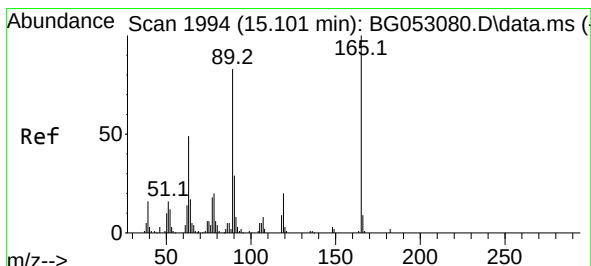
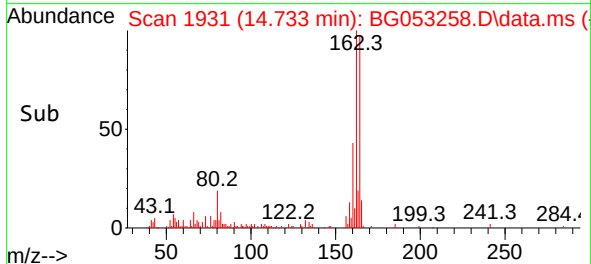
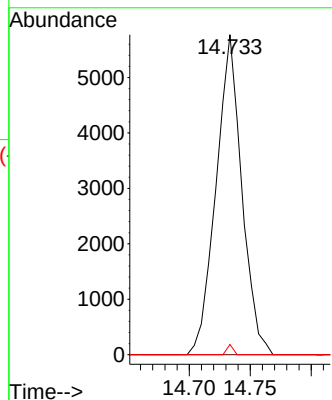
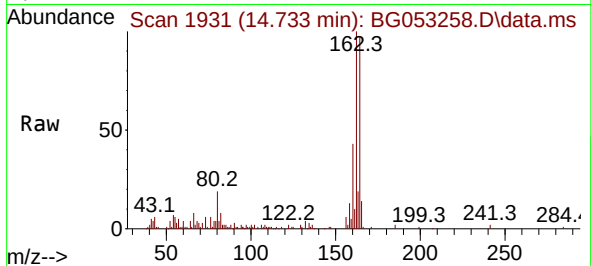
Tgt Ion:165 Resp: 8472

Ion Ratio Lower Upper

165 100

63 0.0 43.7 65.5#

89 3.2 45.0 67.4#



#57

2,4-Dinitrotoluene

Concen: 5.493 ng

RT: 14.733 min Scan# 1931

Delta R.T. -0.359 min

Lab File: BG053258.D

Acq: 22 Apr 2022 13:05

Tgt Ion:165 Resp: 8472

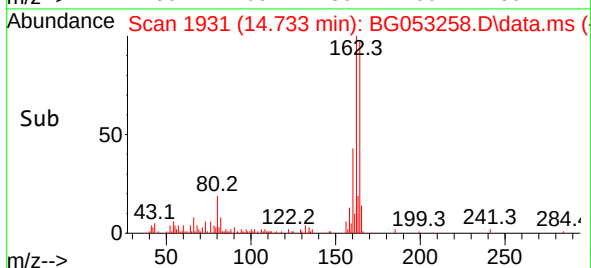
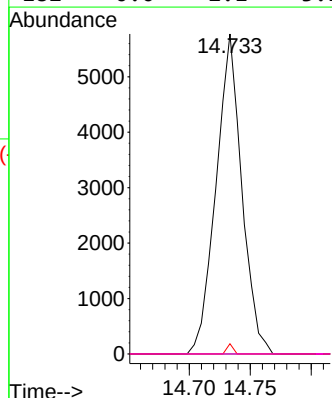
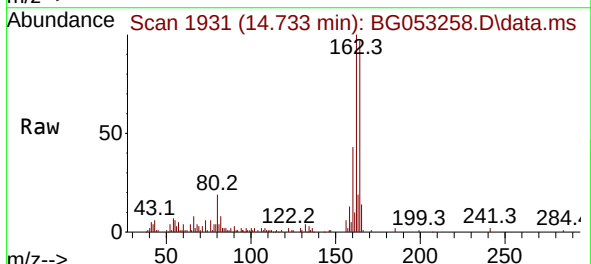
Ion Ratio Lower Upper

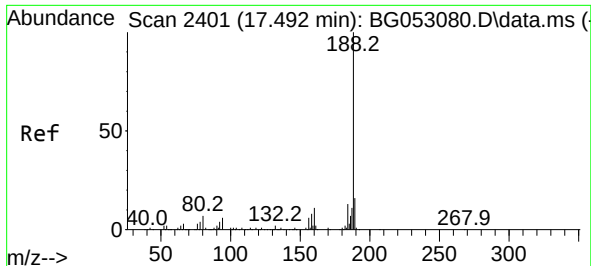
165 100

63 0.0 34.8 52.2#

89 3.2 57.4 86.0#

182 0.0 2.1 3.1#

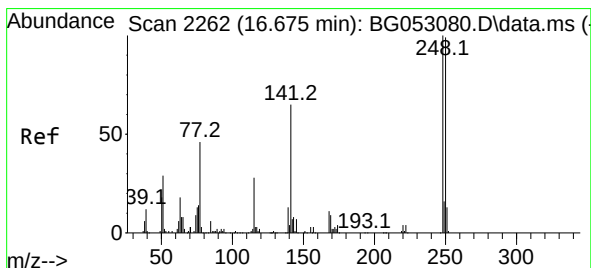
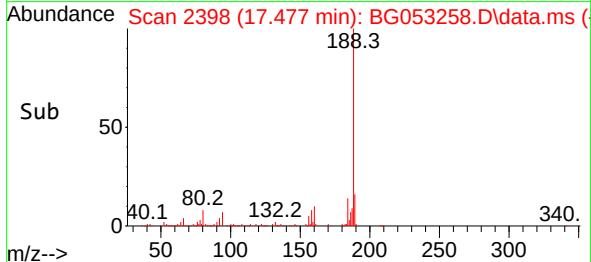
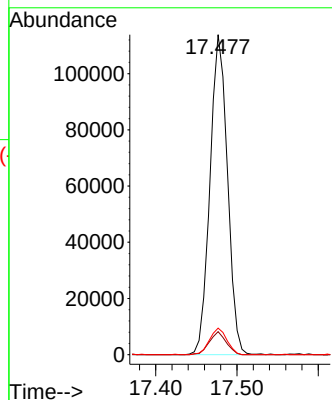
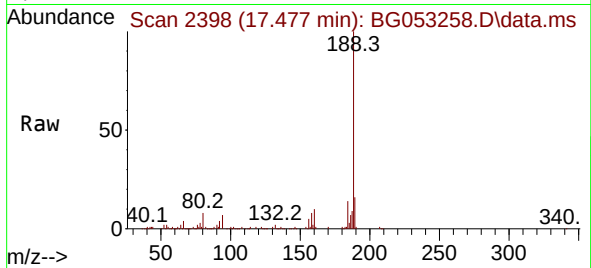




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.477 min Scan# 2184
Delta R.T. -0.006 min
Lab File: BG053258.D
Acq: 22 Apr 2022 13:05

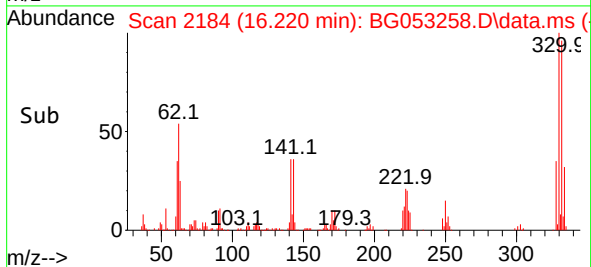
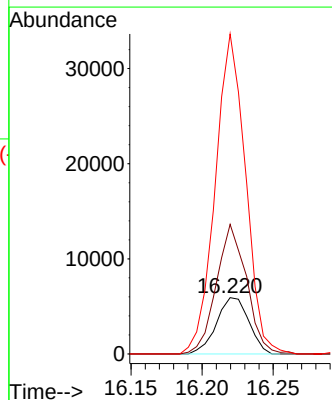
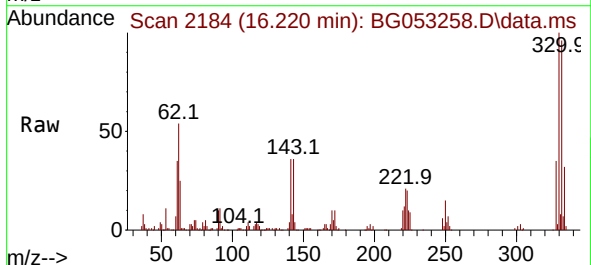
Instrument :
BNA_G
ClientSampleId :
MH-1D

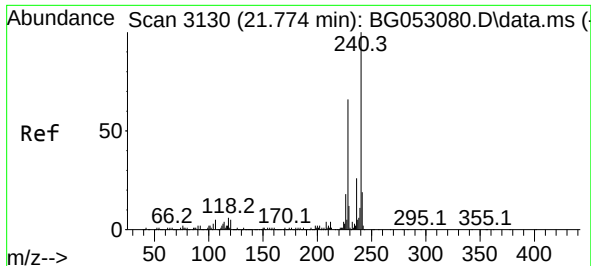
Tgt Ion:188 Resp: 169702
Ion Ratio Lower Upper
188 100
94 7.2 5.7 8.5
80 8.3 7.2 10.8



#67
4-Bromophenyl-phenylether
Concen: 4.312 ng
RT: 16.220 min Scan# 2184
Delta R.T. -0.441 min
Lab File: BG053258.D
Acq: 22 Apr 2022 13:05

Tgt Ion:248 Resp: 9377
Ion Ratio Lower Upper
248 100
250 230.1 77.9 116.9#
141 567.8 49.2 73.8#

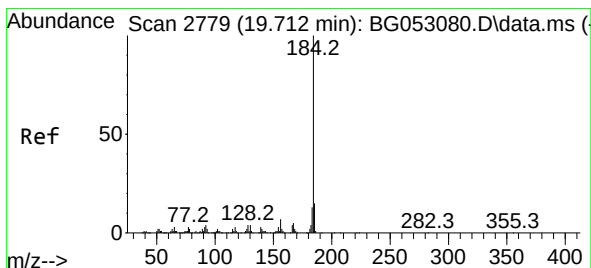
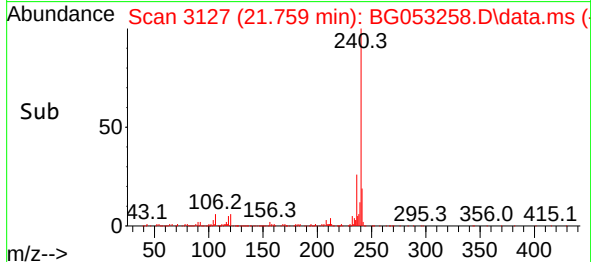
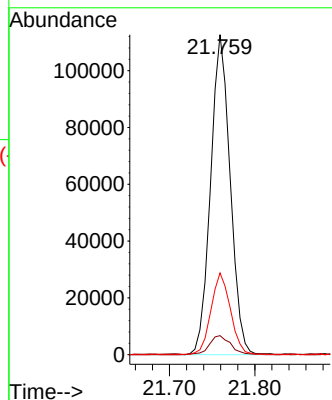
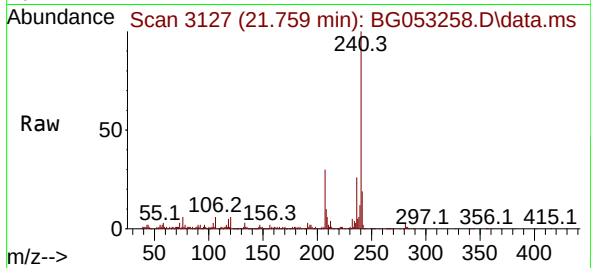




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.759 min Scan# 31
Delta R.T. -0.006 min
Lab File: BG053258.D
Acq: 22 Apr 2022 13:05

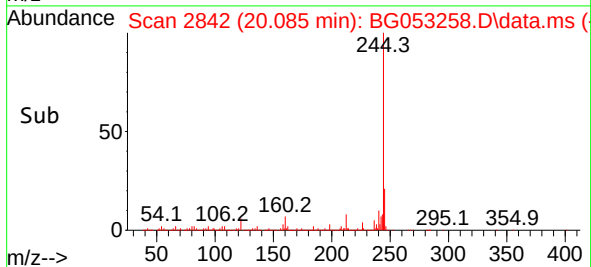
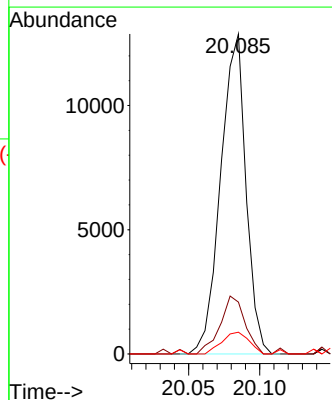
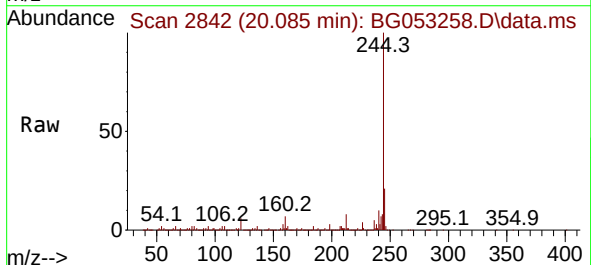
Instrument :
BNA_G
ClientSampleId :
MH-1D

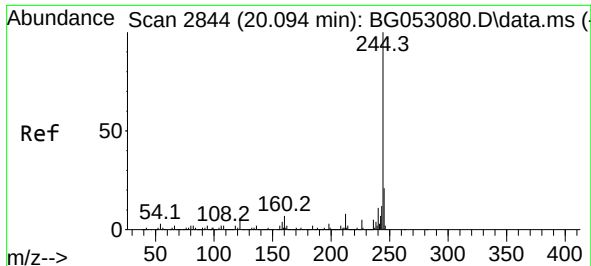
Tgt Ion:240 Resp: 179657
Ion Ratio Lower Upper
240 100
120 6.0 5.4 8.0
236 25.5 19.8 29.6



#77
Benzidine
Concen: 3.103 ng
RT: 20.085 min Scan# 2842
Delta R.T. 0.381 min
Lab File: BG053258.D
Acq: 22 Apr 2022 13:05

Tgt Ion:184 Resp: 15908
Ion Ratio Lower Upper
184 100
185 16.2 11.5 17.3
183 6.8 9.4 14.2#

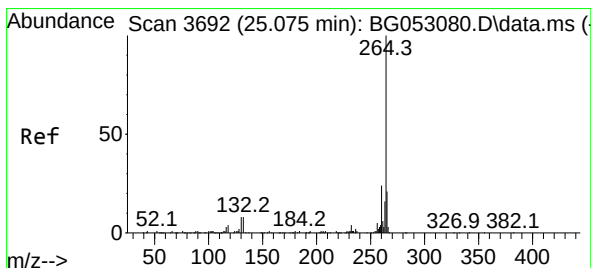
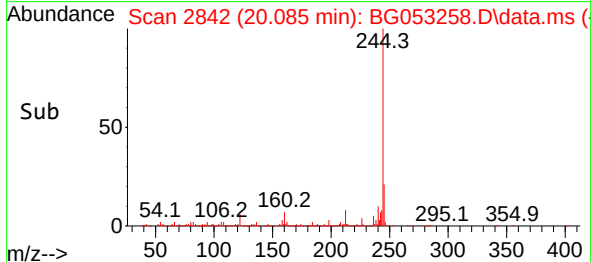
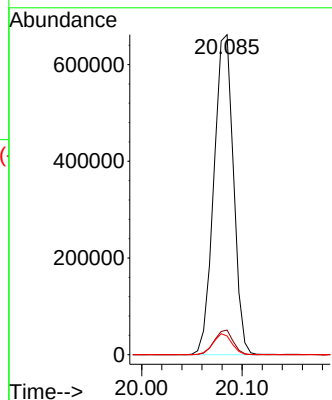
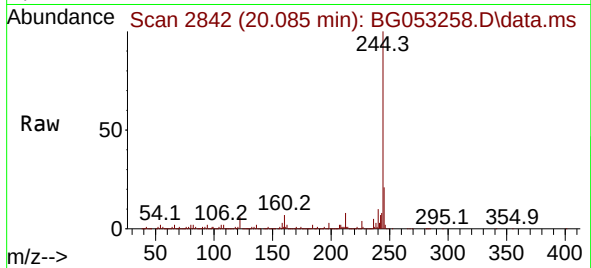




#79
 Terphenyl-d14
 Concen: 84.155 ng
 RT: 20.085 min Scan# 21
 Delta R.T. -0.001 min
 Lab File: BG053258.D
 Acq: 22 Apr 2022 13:05

Instrument :
 BNA_G
 ClientSampleId :
 MH-1D

Tgt Ion:244 Resp: 895203
 Ion Ratio Lower Upper
 244 100
 212 7.7 5.4 8.2
 122 5.9 5.8 8.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.061 min Scan# 3689
 Delta R.T. -0.001 min
 Lab File: BG053258.D
 Acq: 22 Apr 2022 13:05

Tgt Ion:264 Resp: 181396
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.2 27.2
 265 20.9 15.1 22.7

