

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062722\
 Data File : BG054100.D
 Acq On : 27 Jun 2022 20:26
 Operator : CG/JU
 Sample : N3494-07
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SP-EXC-1-4

Quant Time: Jun 28 04:58:16 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 27 00:27:54 2022
 Response via : Initial Calibration

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

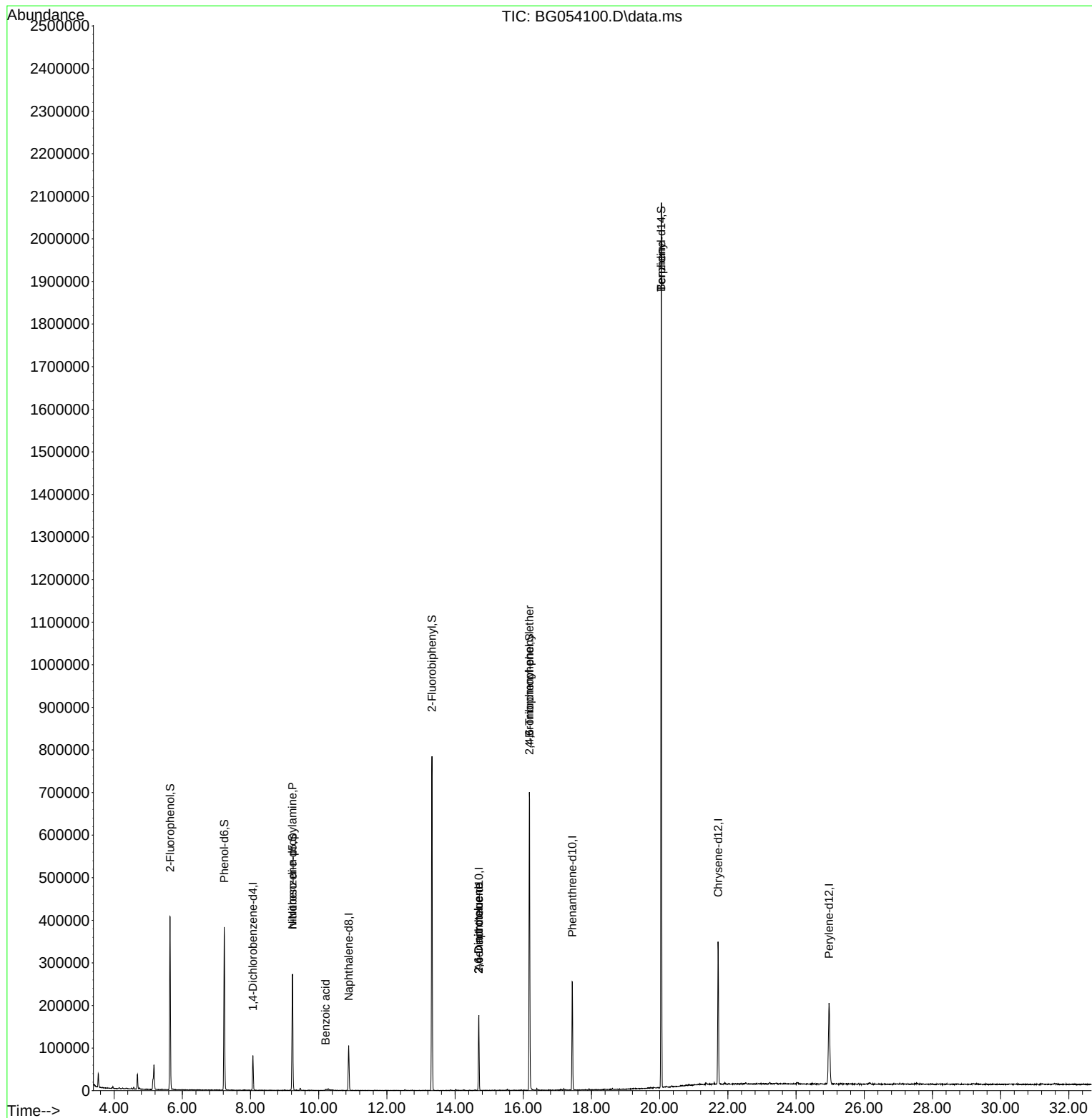
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.070	152	24923	20.000	ng	0.00
21) Naphthalene-d8	10.878	136	94922	20.000	ng	0.00
39) Acenaphthene-d10	14.697	164	69322	20.000	ng	0.00
64) Phenanthrene-d10	17.441	188	185245	20.000	ng	0.00
76) Chrysene-d12	21.713	240	229587	20.000	ng	0.00
86) Perylene-d12	24.968	264	224560	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.643	112	190347	146.020	ng	0.00
7) Phenol-d6	7.230	99	229628	129.852	ng	0.00
23) Nitrobenzene-d5	9.233	82	178161	105.476	ng	0.00
42) 2,4,6-Tribromophenol	16.184	330	163255	146.577	ng	0.00
45) 2-Fluorobiphenyl	13.322	172	451624	94.735	ng	0.00
79) Terphenyl-d14	20.050	244	1148573	100.760	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.233	70	23729	19.973	ng	# 79
32) Benzoic acid	10.203	122	762	12.410	ng	# 82
51) 2,6-Dinitrotoluene	14.691	165	9445	8.855	ng	# 16
57) 2,4-Dinitrotoluene	14.691	165	9445	6.270	ng	# 21
67) 4-Bromophenyl-phenylether	16.178	248	11118	4.805	ng	# 1
77) Benzidine	20.050	184	16840	3.542	ng	# 93

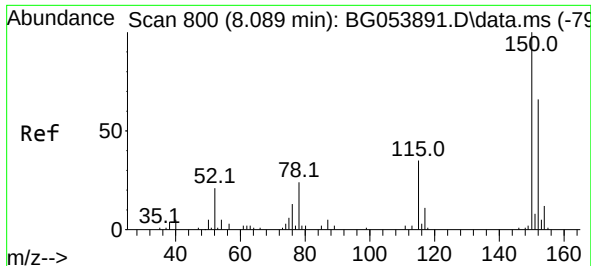
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062722\
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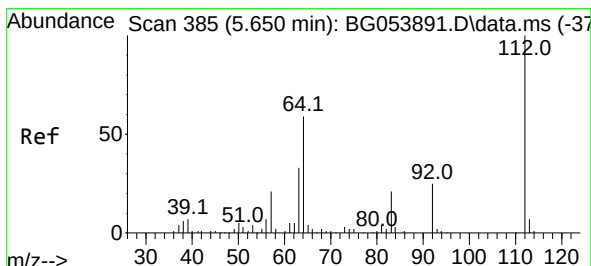
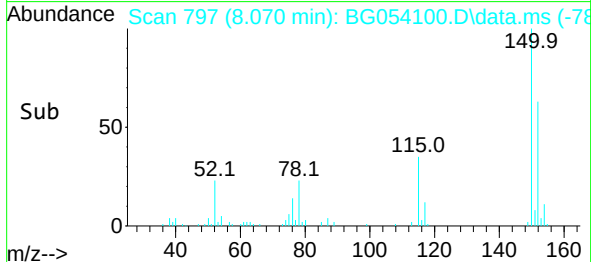
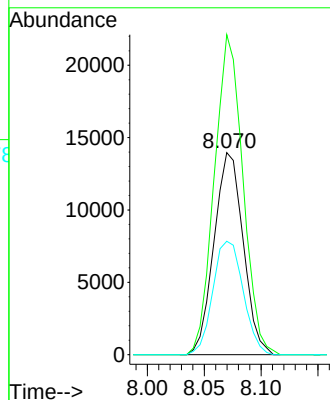
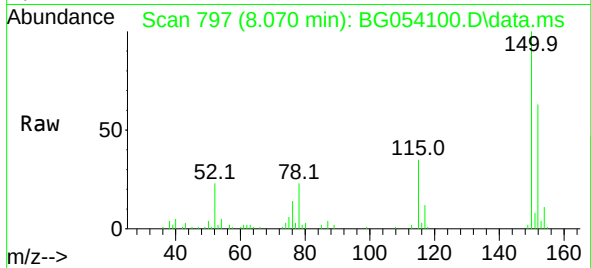




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.070 min Scan# 79
Delta R.T. -0.000 min
Lab File: BG054100.D
Acq: 27 Jun 2022 20:26

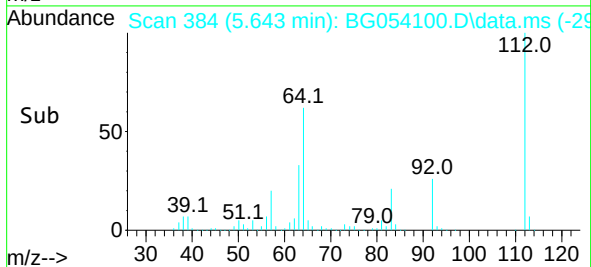
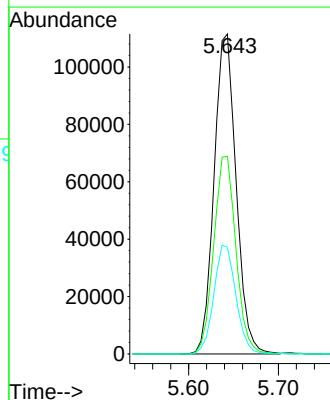
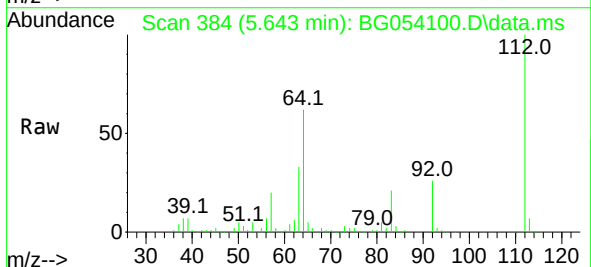
Instrument :
BNA_G
ClientSampleId :
SP-EXC-1-4

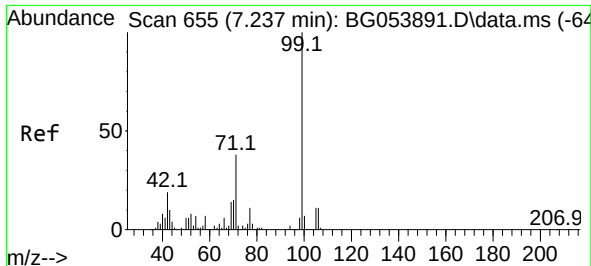
Tgt Ion:152 Resp: 24923
Ion Ratio Lower Upper
152 100
150 158.3 131.6 197.4
115 56.1 50.9 76.3



#5
2-Fluorophenol
Concen: 146.020 ng
RT: 5.643 min Scan# 384
Delta R.T. 0.005 min
Lab File: BG054100.D
Acq: 27 Jun 2022 20:26

Tgt Ion:112 Resp: 190347
Ion Ratio Lower Upper
112 100
64 61.7 55.1 82.7
63 33.3 30.4 45.6

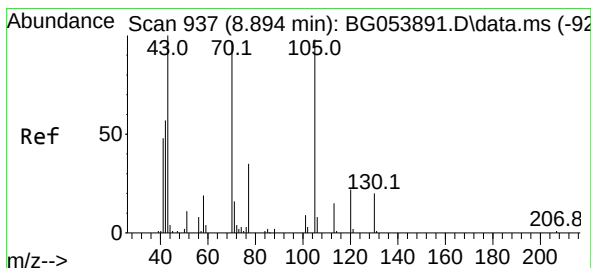
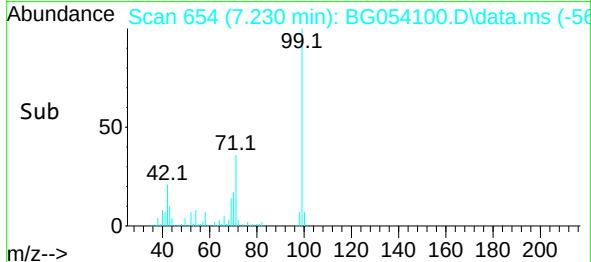
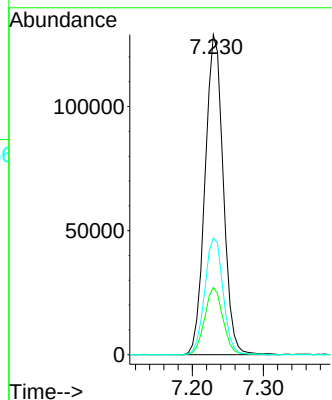
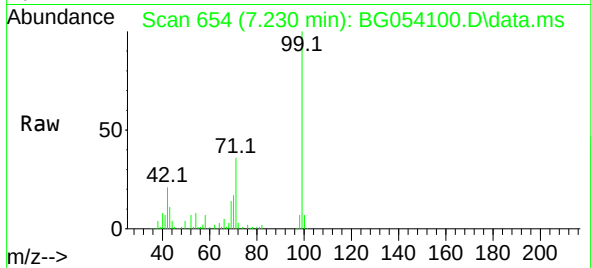




#7
Phenol-d6
Concen: 129.852 ng
RT: 7.230 min Scan# 61
Delta R.T. -0.001 min
Lab File: BG054100.D
Acq: 27 Jun 2022 20:26

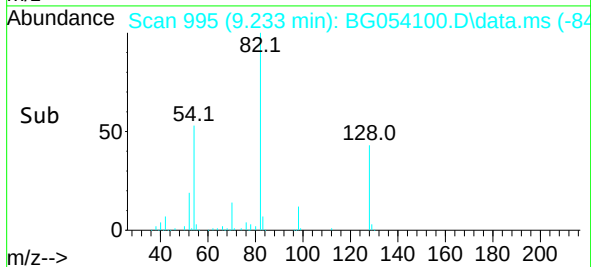
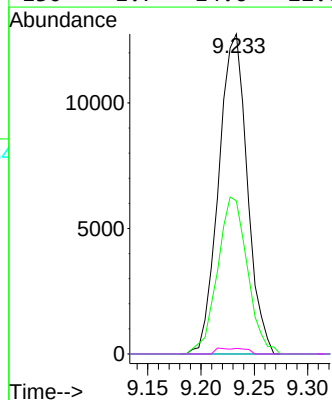
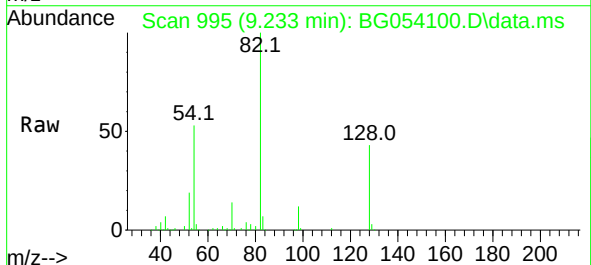
Instrument :
BNA_G
ClientSampleId :
SP-EXC-1-4

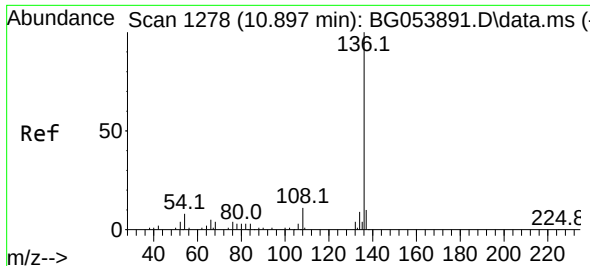
Tgt Ion: 99 Resp: 229628
Ion Ratio Lower Upper
99 100
42 21.0 17.0 25.6
71 36.5 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 19.973 ng
RT: 9.233 min Scan# 995
Delta R.T. 0.358 min
Lab File: BG054100.D
Acq: 27 Jun 2022 20:26

Tgt Ion: 70 Resp: 23729
Ion Ratio Lower Upper
70 100
42 47.8 47.3 70.9
101 0.0 7.0 10.4#
130 1.7 14.6 22.0#

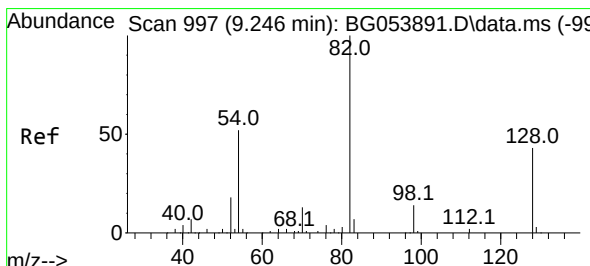
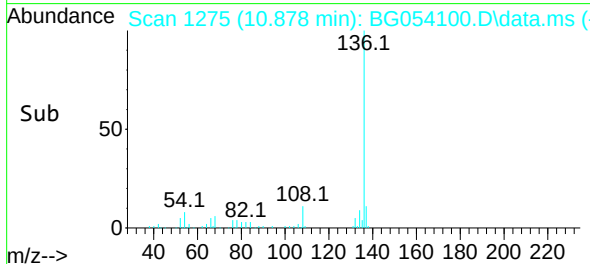
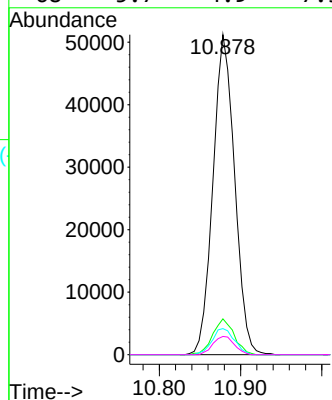
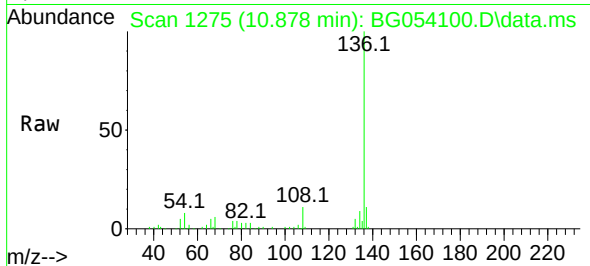




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.878 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG054100.D
Acq: 27 Jun 2022 20:26

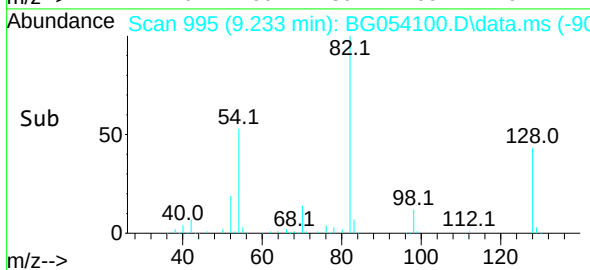
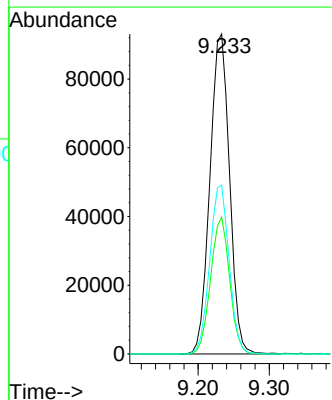
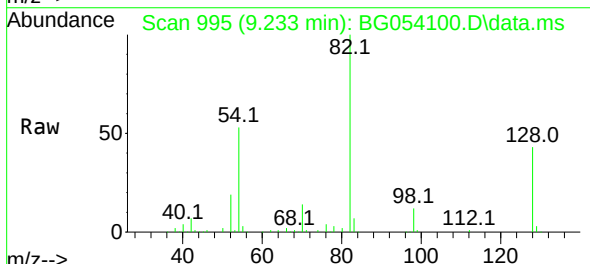
Instrument :
BNA_G
ClientSampleId :
SP-EXC-1-4

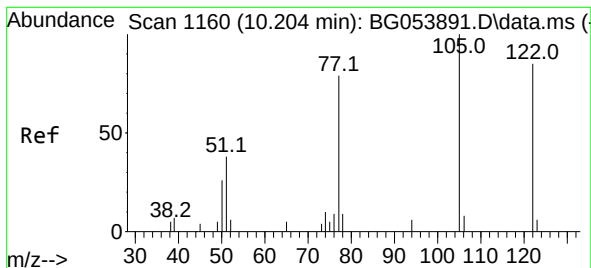
Tgt Ion:	136	Resp:	94922
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.5	12.7
54	8.1	7.4	11.2
68	5.7	4.9	7.3



#23
Nitrobenzene-d5
Concen: 105.476 ng
RT: 9.233 min Scan# 995
Delta R.T. -0.001 min
Lab File: BG054100.D
Acq: 27 Jun 2022 20:26

Tgt Ion:	82	Resp:	178161
Ion	Ratio	Lower	Upper
82	100		
128	42.8	27.9	41.9#
54	52.8	41.2	61.8

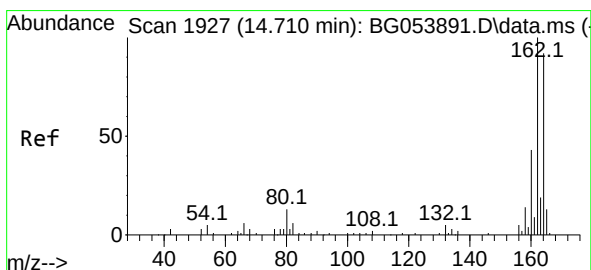
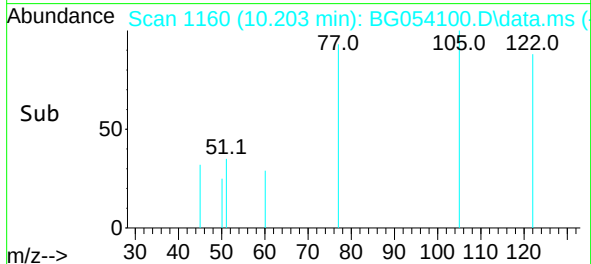
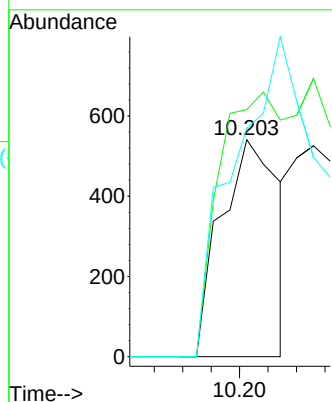
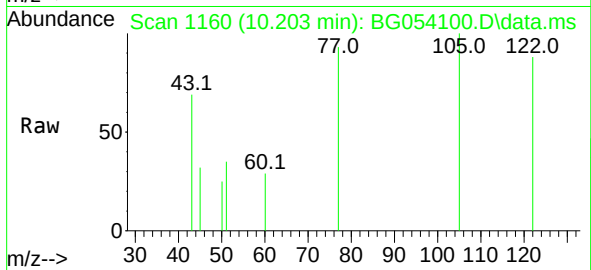




#32
Benzoic acid
Concen: 12.410 ng
RT: 10.203 min Scan# 1160
Delta R.T. 0.005 min
Lab File: BG054100.D
Acq: 27 Jun 2022 20:26

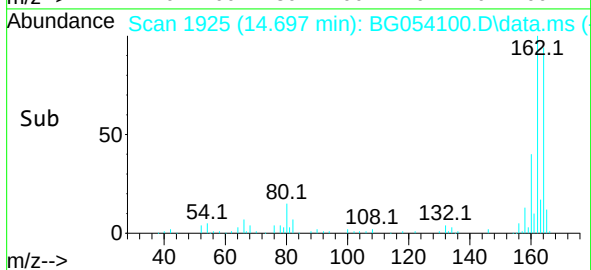
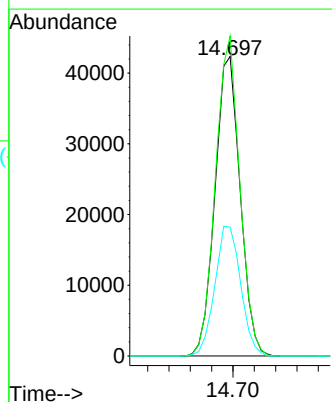
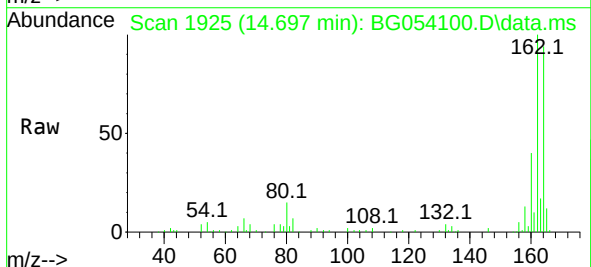
Instrument :
BNA_G
ClientSampleId :
SP-EXC-1-4

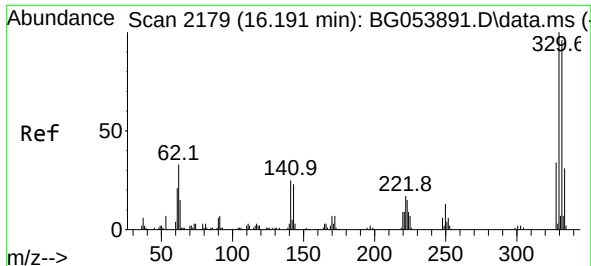
Tgt Ion:122 Resp: 762
Ion Ratio Lower Upper
122 100
105 113.9 111.8 151.8
77 105.4 109.4 149.4#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.697 min Scan# 1925
Delta R.T. -0.001 min
Lab File: BG054100.D
Acq: 27 Jun 2022 20:26

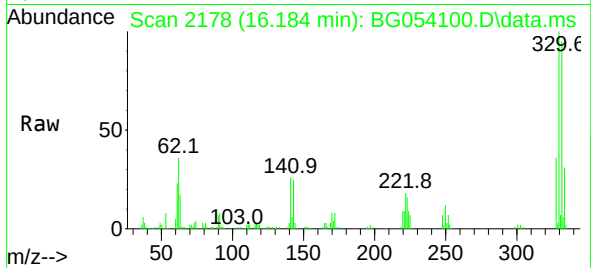
Tgt Ion:164 Resp: 69322
Ion Ratio Lower Upper
164 100
162 106.9 82.3 123.5
160 43.0 34.2 51.2



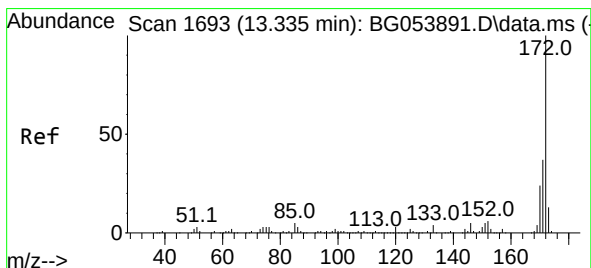
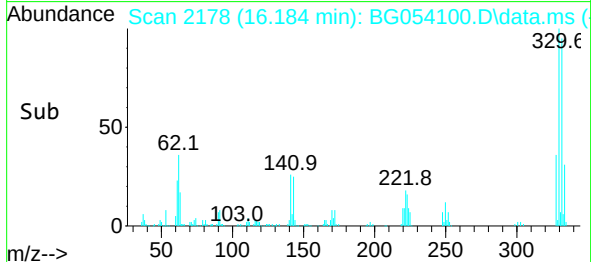
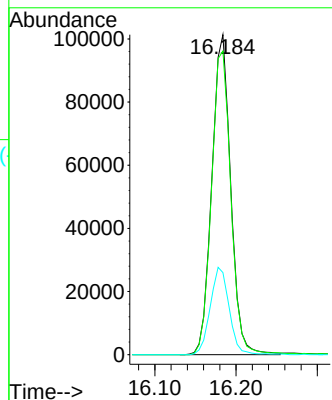


#42
2,4,6-Tribromophenol
Concen: 146.577 ng
RT: 16.184 min Scan# 2179
Delta R.T. -0.001 min
Lab File: BG054100.D
Acq: 27 Jun 2022 20:26

Instrument :
BNA_G
ClientSampleId :
SP-EXC-1-4

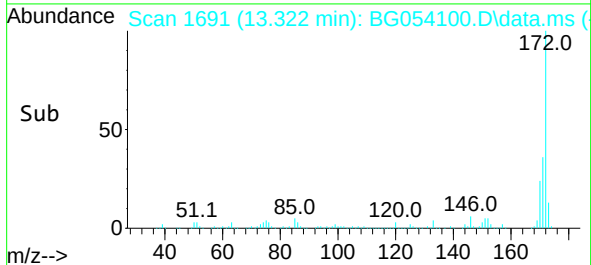
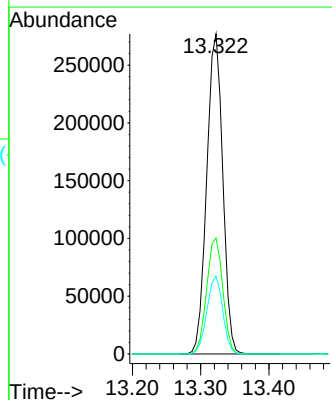
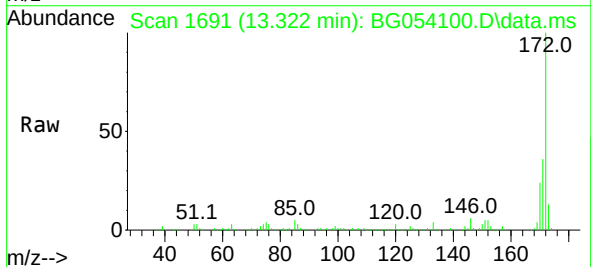


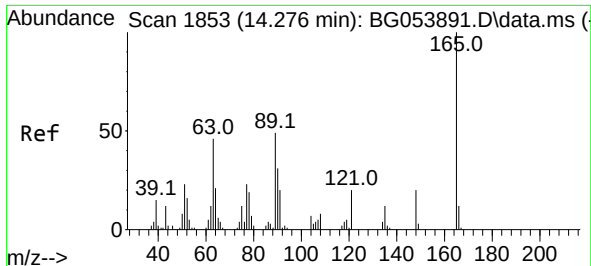
Tgt Ion:330 Resp: 163255
Ion Ratio Lower Upper
330 100
332 97.6 76.0 114.0
141 27.5 27.1 40.7



#45
2-Fluorobiphenyl
Concen: 94.735 ng
RT: 13.322 min Scan# 1691
Delta R.T. -0.001 min
Lab File: BG054100.D
Acq: 27 Jun 2022 20:26

Tgt Ion:172 Resp: 451624
Ion Ratio Lower Upper
172 100
171 36.2 28.5 42.7
170 24.3 18.9 28.3





#51

2,6-Dinitrotoluene

Concen: 8.855 ng

RT: 14.691 min Scan# 1924

Delta R.T. 0.428 min

Lab File: BG054100.D

Acq: 27 Jun 2022 20:26

Instrument :

BNA_G

ClientSampleId :

SP-EXC-1-4

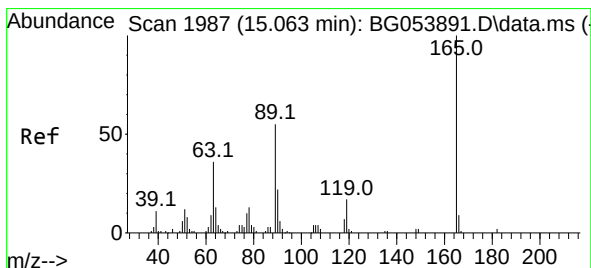
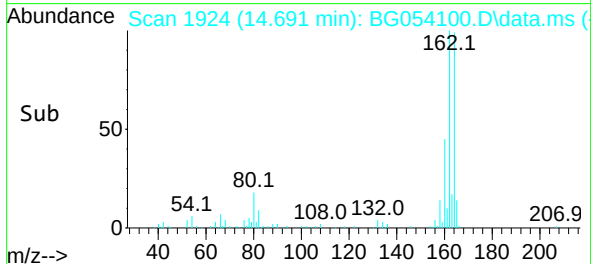
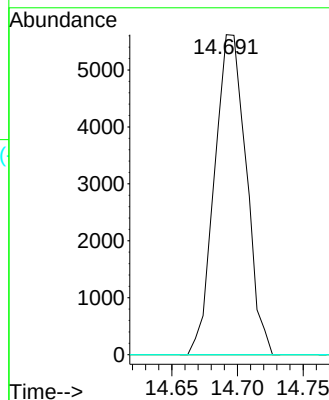
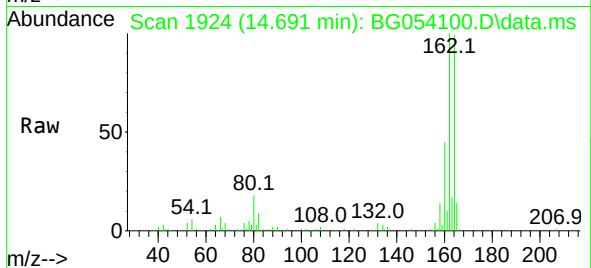
Tgt Ion:165 Resp: 9445

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: 6.270 ng

RT: 14.691 min Scan# 1924

Delta R.T. -0.359 min

Lab File: BG054100.D

Acq: 27 Jun 2022 20:26

Tgt Ion:165 Resp: 9445

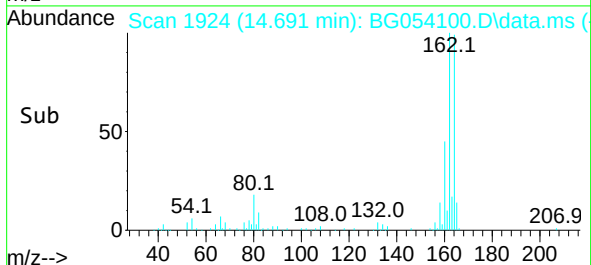
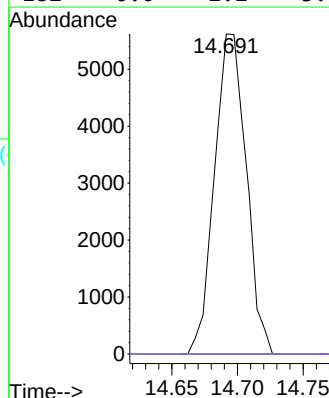
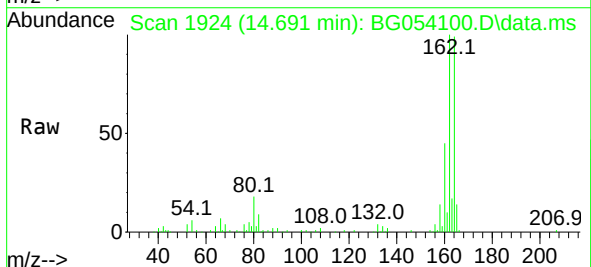
Ion Ratio Lower Upper

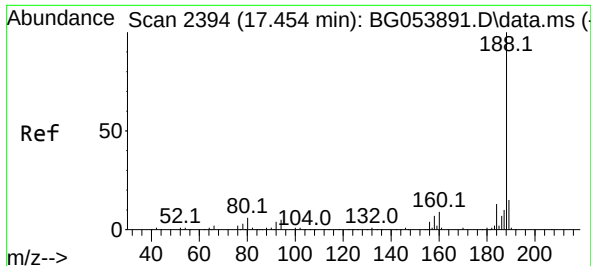
165 100

63 0.0 34.6 52.0#

89 0.0 60.3 90.5#

182 0.0 2.2 3.4#

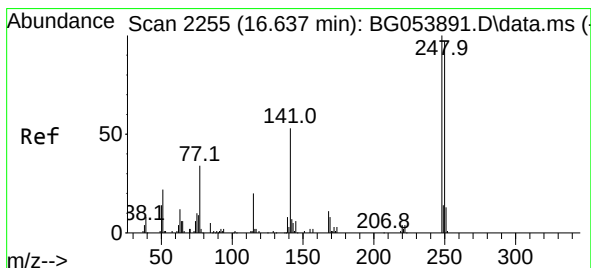
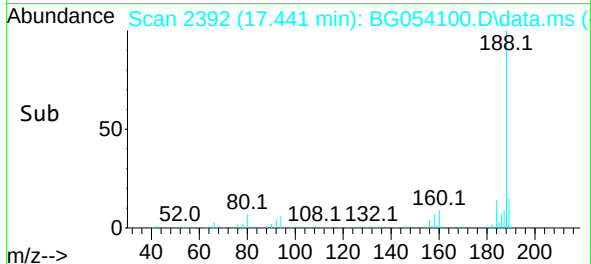
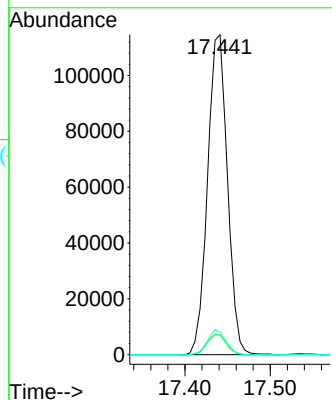
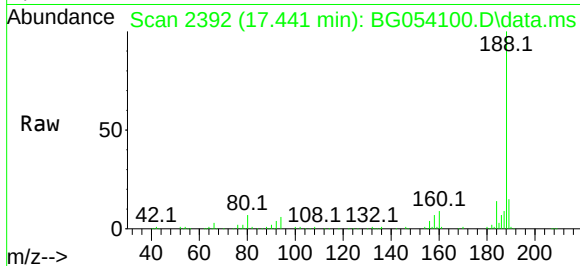




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.441 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG054100.D
Acq: 27 Jun 2022 20:26

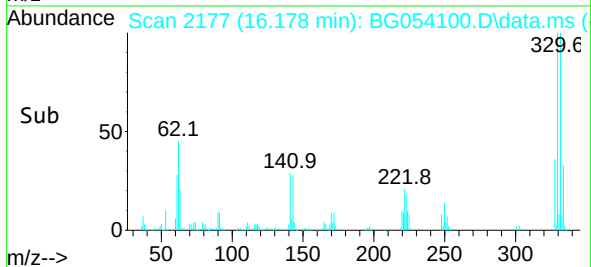
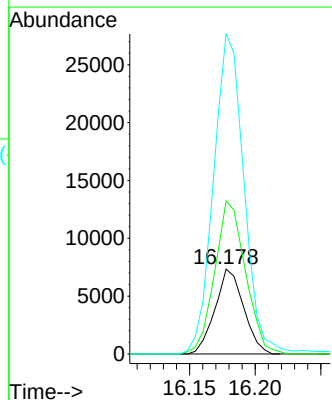
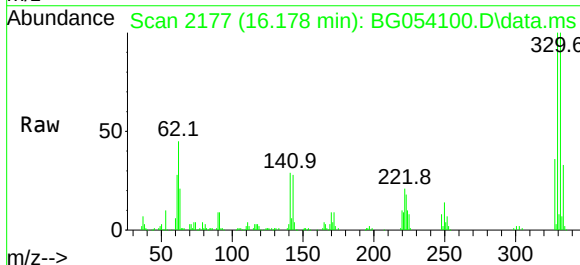
Instrument :
BNA_G
ClientSampleId :
SP-EXC-1-4

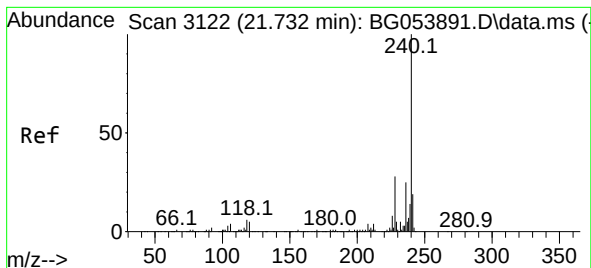
Tgt Ion:188 Resp: 185245
Ion Ratio Lower Upper
188 100
94 6.2 5.4 8.0
80 7.0 6.8 10.2



#67
4-Bromophenyl-phenylether
Concen: 4.805 ng
RT: 16.178 min Scan# 2177
Delta R.T. -0.447 min
Lab File: BG054100.D
Acq: 27 Jun 2022 20:26

Tgt Ion:248 Resp: 11118
Ion Ratio Lower Upper
248 100
250 184.4 75.2 112.8#
141 295.7 50.0 75.0#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.713 min Scan# 31

Delta R.T. -0.007 min

Lab File: BG054100.D

Acq: 27 Jun 2022 20:26

Instrument :

BNA_G

ClientSampleId :

SP-EXC-1-4

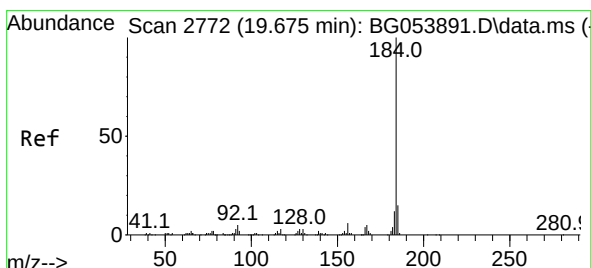
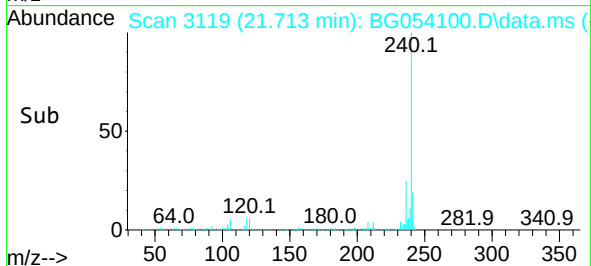
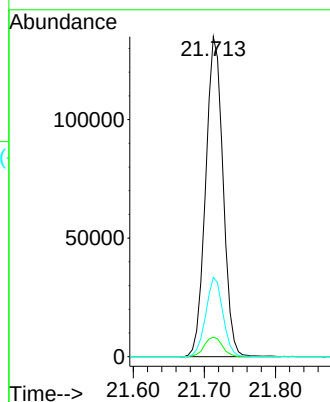
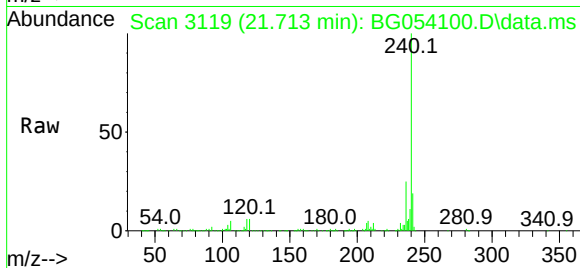
Tgt Ion:240 Resp: 229587

Ion Ratio Lower Upper

240 100

120 6.1 4.6 7.0

236 24.8 20.2 30.4



#77

Benzidine

Concen: 3.542 ng

RT: 20.050 min Scan# 2836

Delta R.T. 0.387 min

Lab File: BG054100.D

Acq: 27 Jun 2022 20:26

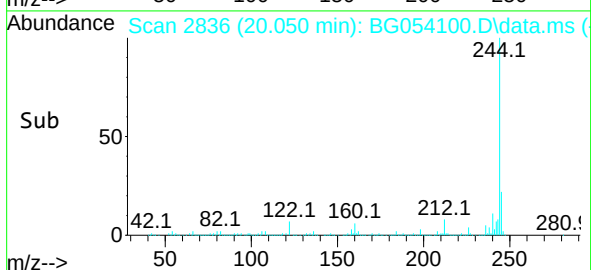
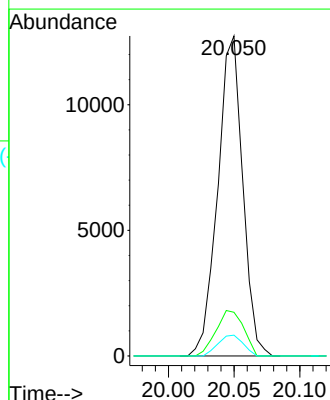
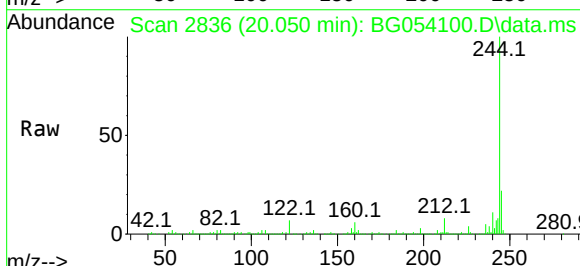
Tgt Ion:184 Resp: 16840

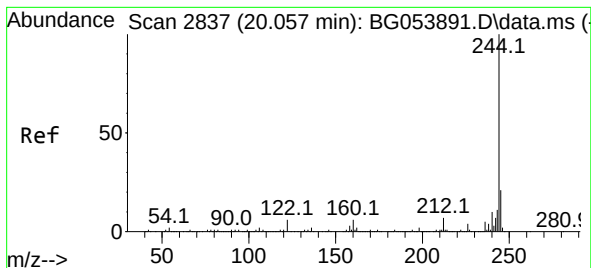
Ion Ratio Lower Upper

184 100

185 13.6 11.8 17.6

183 6.5 8.9 13.3#





#79

Terphenyl-d14

Concen: 100.760 ng

RT: 20.050 min Scan# 21

Delta R.T. 0.005 min

Lab File: BG054100.D

Acq: 27 Jun 2022 20:26

Instrument :

BNA_G

ClientSampleId :

SP-EXC-1-4

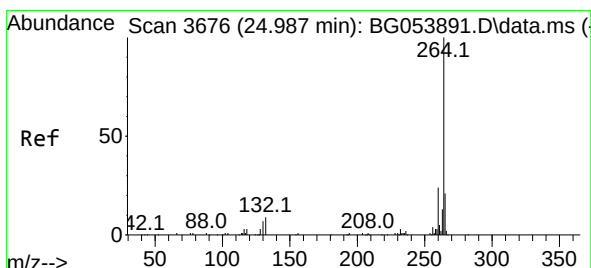
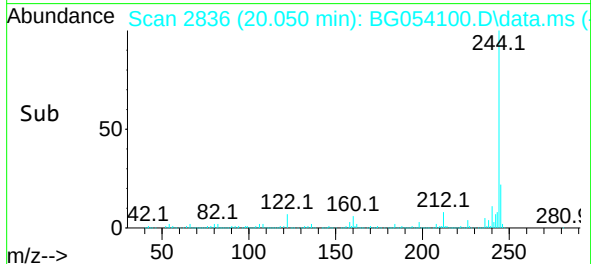
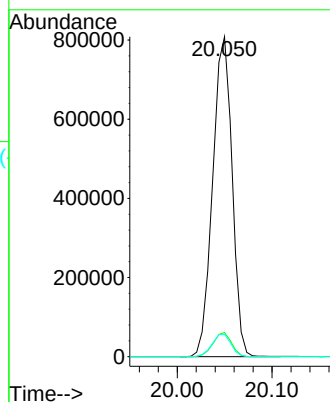
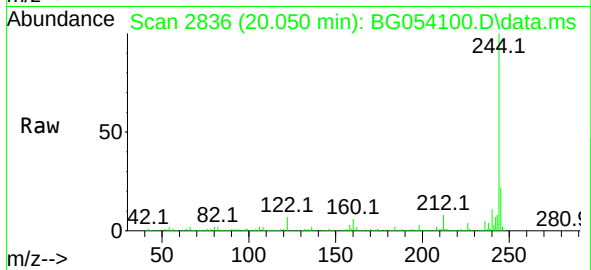
Tgt Ion:244 Resp: 1148573

Ion Ratio Lower Upper

244 100

212 7.6 6.5 9.7

122 7.0 5.0 7.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.968 min Scan# 3673

Delta R.T. 0.005 min

Lab File: BG054100.D

Acq: 27 Jun 2022 20:26

Tgt Ion:264 Resp: 224560

Ion Ratio Lower Upper

264 100

260 23.7 19.0 28.6

265 21.4 17.4 26.2

