

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100722\
 Data File : BG055101.D
 Acq On : 7 Oct 2022 16:09
 Operator : CG/JU
 Sample : N5022-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DSN002

Quant Time: Oct 08 03:10:05 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 08 03:04:59 2022
 Response via : Initial Calibration

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

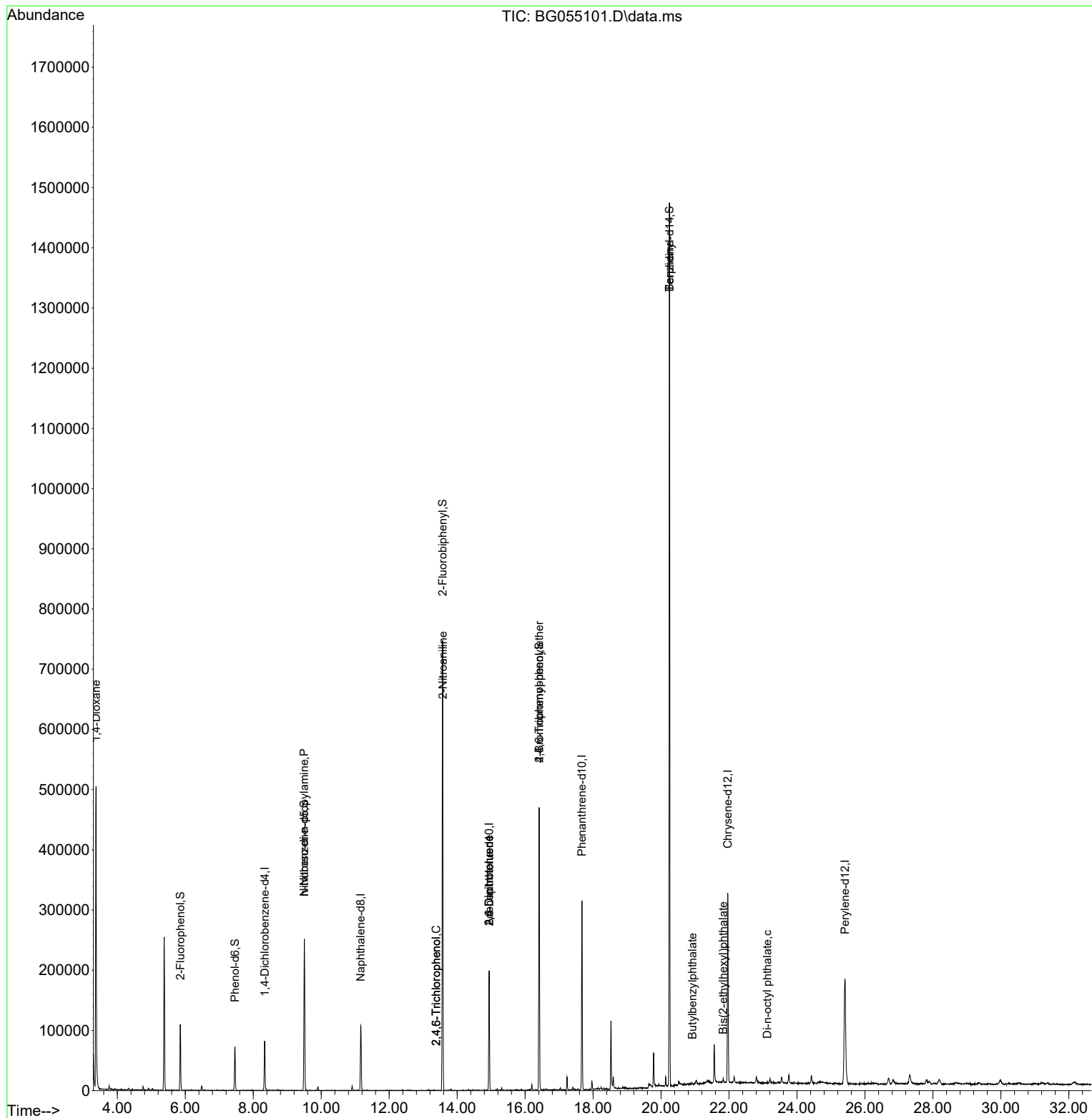
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.337	152	22963	20.000	ng	0.00
21) Naphthalene-d8	11.163	136	93395	20.000	ng	0.00
39) Acenaphthene-d10	14.941	164	70572	20.000	ng	0.00
64) Phenanthrene-d10	17.673	188	192846	20.000	ng	0.00
76) Chrysene-d12	21.962	240	203642	20.000	ng	0.00
86) Perylene-d12	25.411	264	216507	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.852	112	46017	44.511	ng	0.00
7) Phenol-d6	7.461	99	38805	25.051	ng	0.00
23) Nitrobenzene-d5	9.500	82	149255	95.493	ng	0.00
42) 2,4,6-Tribromophenol	16.416	330	97072	132.251	ng	0.00
45) 2-Fluorobiphenyl	13.572	172	371374	82.152	ng	0.00
79) Terphenyl-d14	20.246	244	742066	73.652	ng	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.372	88	3949	6.751	ng	# 1
19) n-Nitroso-di-n-propyla...	9.500	70	21838	14.554	ng	# 74
43) 2,4,6-Trichlorophenol	13.384	196	68	4.319	ng	# 12
44) 2,4,5-Trichlorophenol	13.384	196	68	3.665	ng	# 17
48) 2-Nitroaniline	13.578	65	634	4.611	ng	# 4
51) 2,6-Dinitrotoluene	14.941	165	9148	12.147	ng	# 13
57) 2,4-Dinitrotoluene	14.941	165	9148	9.921	ng	# 15
67) 4-Bromophenyl-phenylether	16.416	248	5890	2.888	ng	# 1
77) Benzidine	20.246	184	11254	3.208	ng	# 94
80) Butylbenzylphthalate	20.922	149	532	4.951	ng	# 85
84) Bis(2-ethylhexyl)phtha...	21.827	149	2757	4.499	ng	# 94
85) Di-n-octyl phthalate	23.125	149	364	4.372	ng	# 1

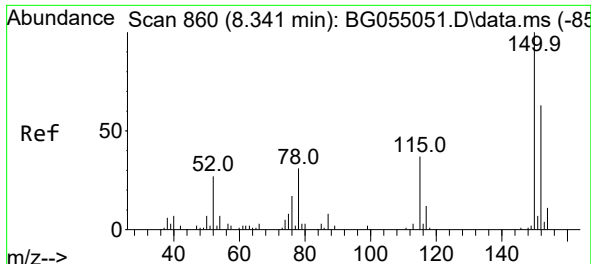
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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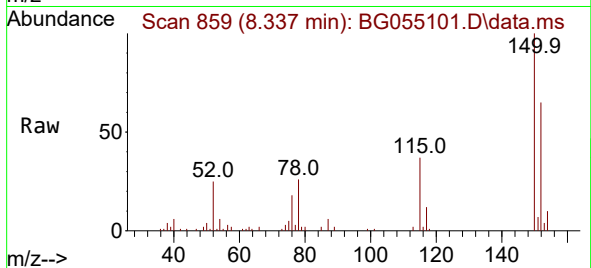
Quant Time: Oct 08 03:10:05 2022
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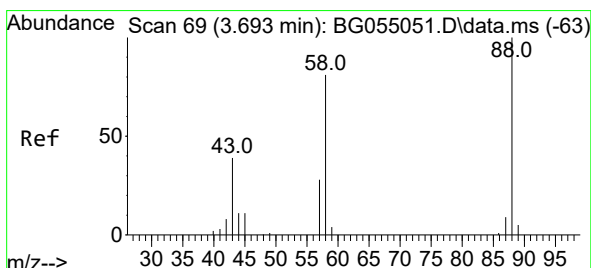
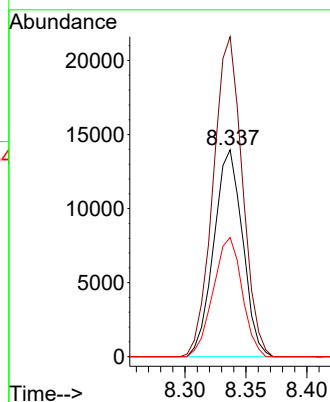
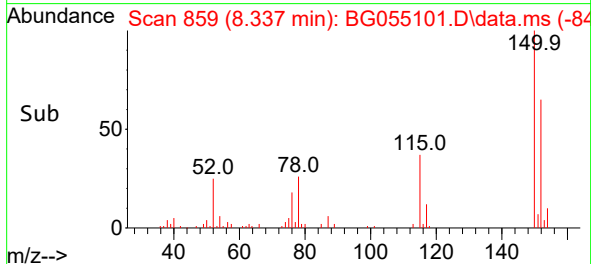


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.337 min Scan# 8
Delta R.T. -0.001 min
Lab File: BG055101.D
Acq: 7 Oct 2022 16:09

Instrument :
BNA_G
ClientSampleId :
DSN002

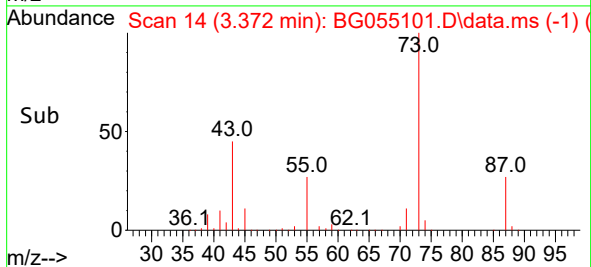
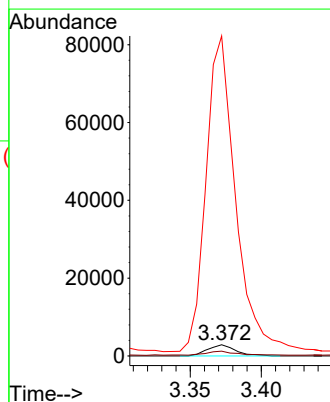
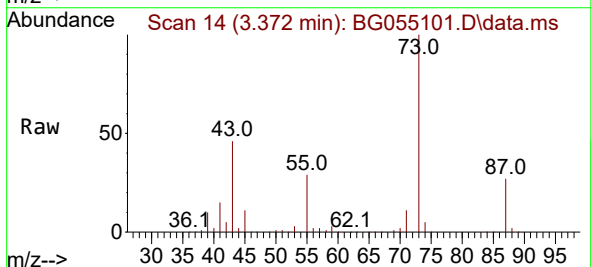


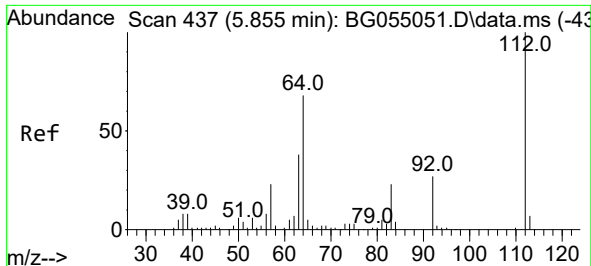
Tgt Ion:152 Resp: 22963
Ion Ratio Lower Upper
152 100
150 154.7 128.0 192.0
115 57.6 47.7 71.5



#2
1,4-Dioxane
Concen: 6.751 ng
RT: 3.372 min Scan# 14
Delta R.T. -0.312 min
Lab File: BG055101.D
Acq: 7 Oct 2022 16:09

Tgt Ion: 88 Resp: 3949
Ion Ratio Lower Upper
88 100
58 37.7 62.6 94.0#
43 3065.7 29.0 43.6#

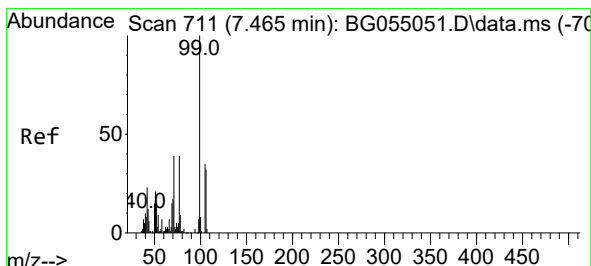
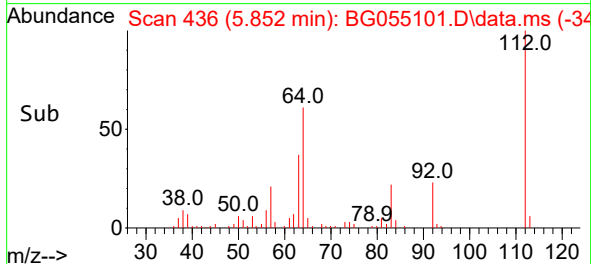
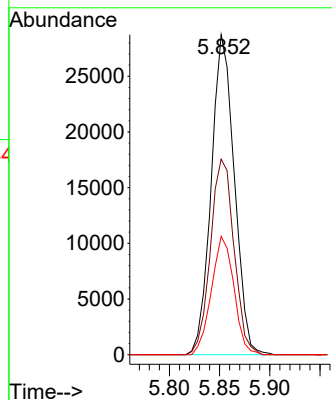
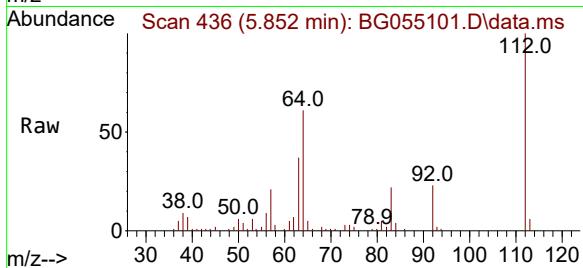




#5
2-Fluorophenol
Concen: 44.511 ng
RT: 5.852 min Scan# 41
Delta R.T. -0.001 min
Lab File: BG055101.D
Acq: 7 Oct 2022 16:09

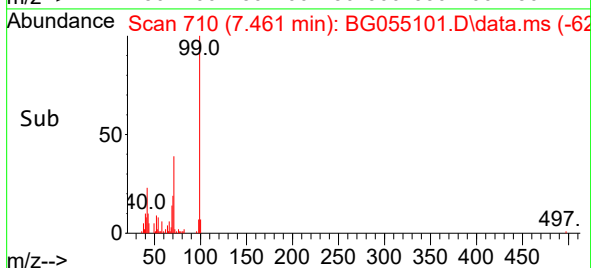
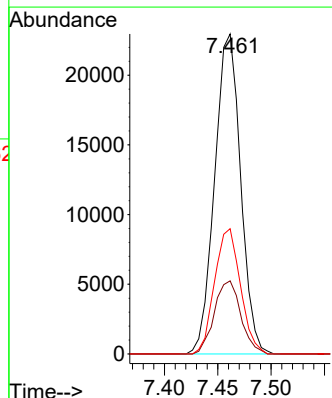
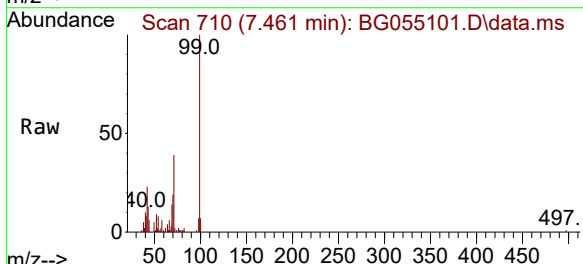
Instrument :
BNA_G
ClientSampleId :
DSN002

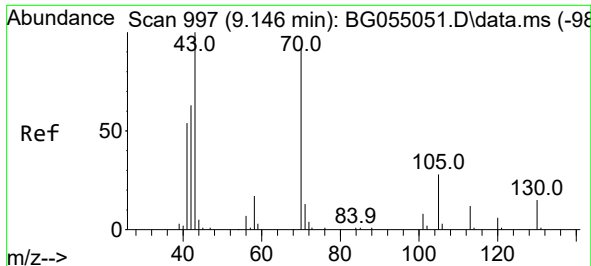
Tgt Ion:112 Resp: 46017
Ion Ratio Lower Upper
112 100
64 61.1 54.5 81.7
63 36.9 30.5 45.7



#7
Phenol-d6
Concen: 25.051 ng
RT: 7.461 min Scan# 710
Delta R.T. -0.001 min
Lab File: BG055101.D
Acq: 7 Oct 2022 16:09

Tgt Ion: 99 Resp: 38805
Ion Ratio Lower Upper
99 100
42 22.8 18.6 28.0
71 39.2 31.2 46.8





#19

n-Nitroso-di-n-propylamine

Concen: 14.554 ng

RT: 9.500 min Scan# 1057

Delta R.T. 0.363 min

Lab File: BG055101.D

Acq: 7 Oct 2022 16:09

Instrument :

BNA_G

ClientSampleId :

DSN002

Tgt Ion: 70 Resp: 21838

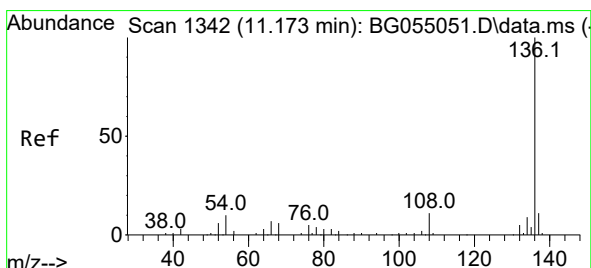
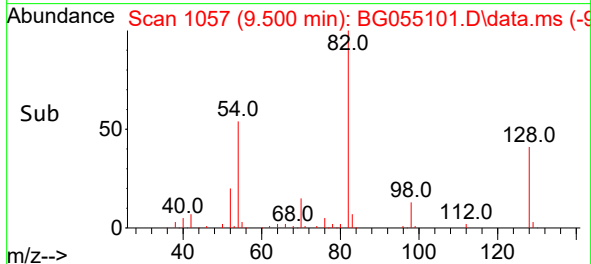
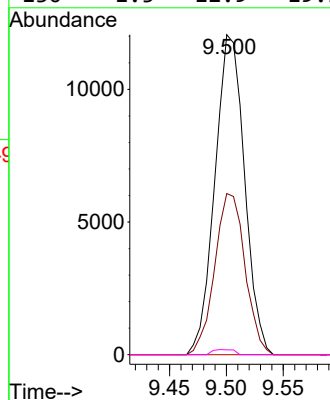
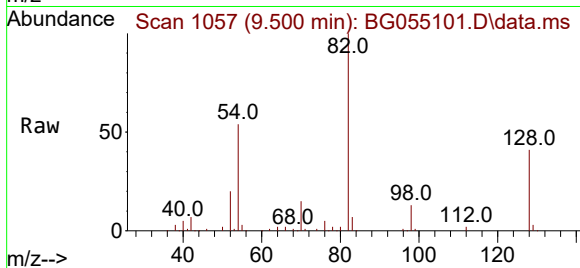
Ion Ratio Lower Upper

70 100

42 50.3 55.8 83.6#

101 0.0 7.1 10.7#

130 1.5 12.9 19.3#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.163 min Scan# 1340

Delta R.T. -0.007 min

Lab File: BG055101.D

Acq: 7 Oct 2022 16:09

Tgt Ion:136 Resp: 93395

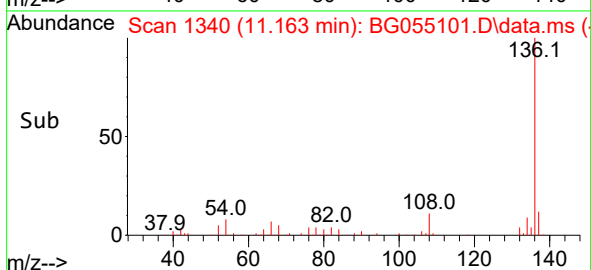
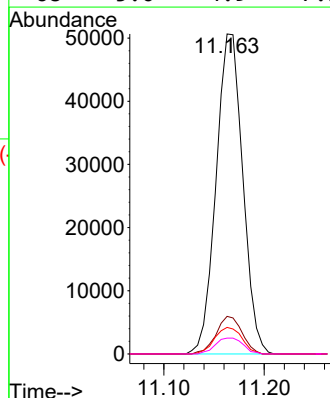
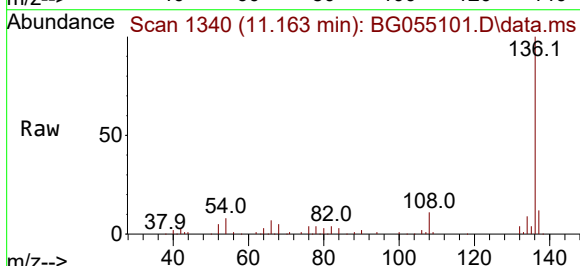
Ion Ratio Lower Upper

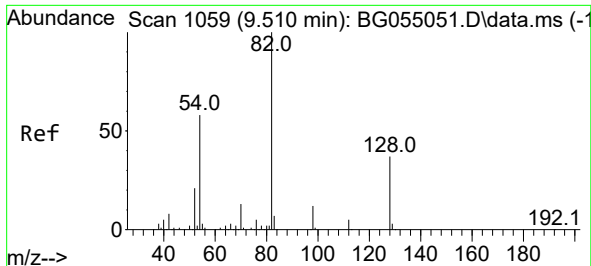
136 100

137 11.8 8.7 13.1

54 8.3 8.2 12.4

68 5.0 4.9 7.3

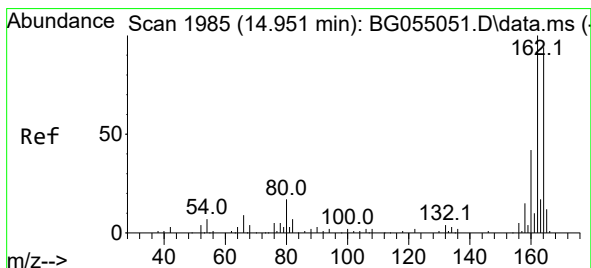
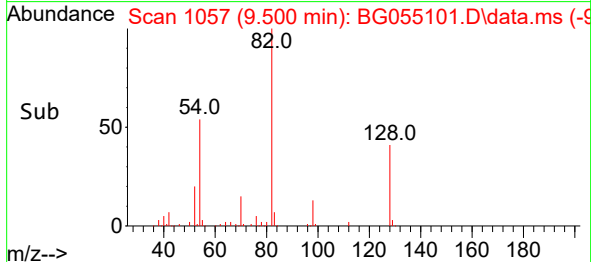
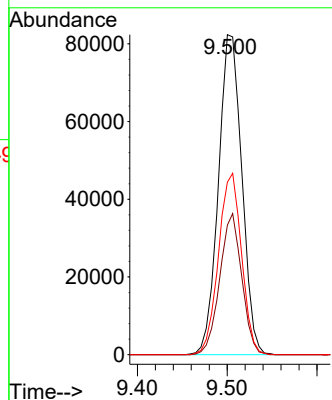
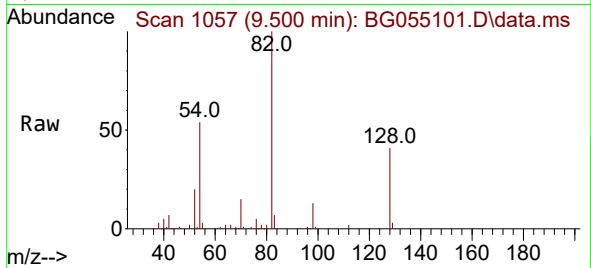




#23
Nitrobenzene-d5
Concen: 95.493 ng
RT: 9.500 min Scan# 1057
Delta R.T. -0.007 min
Lab File: BG055101.D
Acq: 7 Oct 2022 16:09

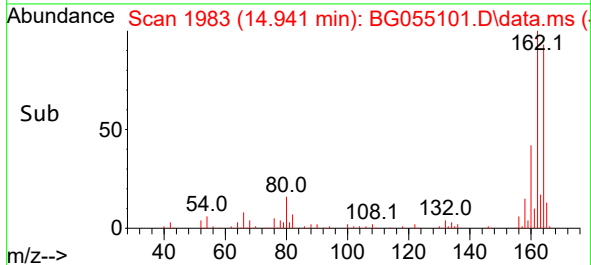
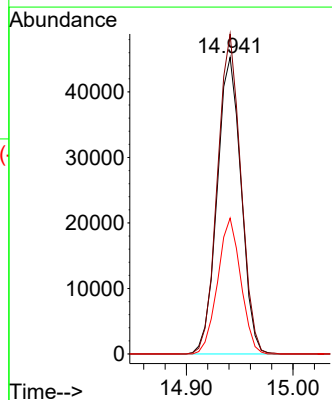
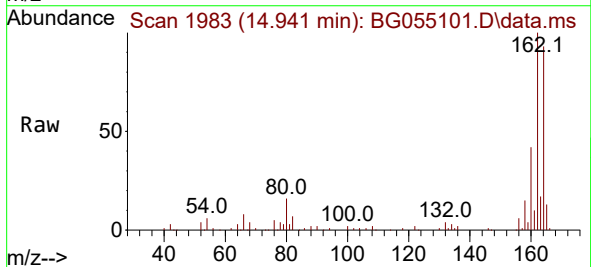
Instrument :
BNA_G
ClientSampleId :
DSN002

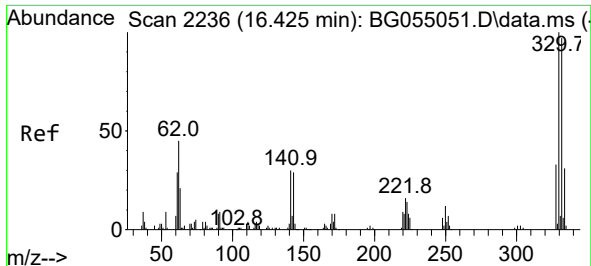
Tgt Ion: 82 Resp: 149255
Ion Ratio Lower Upper
82 100
128 40.5 29.5 44.3
54 53.9 46.7 70.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.941 min Scan# 1983
Delta R.T. -0.001 min
Lab File: BG055101.D
Acq: 7 Oct 2022 16:09

Tgt Ion: 164 Resp: 70572
Ion Ratio Lower Upper
164 100
162 107.9 85.5 128.3
160 45.8 35.5 53.3





#42

2,4,6-Tribromophenol

Concen: 132.251 ng

RT: 16.416 min Scan# 21

Delta R.T. -0.001 min

Lab File: BG055101.D

Acq: 7 Oct 2022 16:09

Instrument :

BNA_G

ClientSampleId :

DSN002

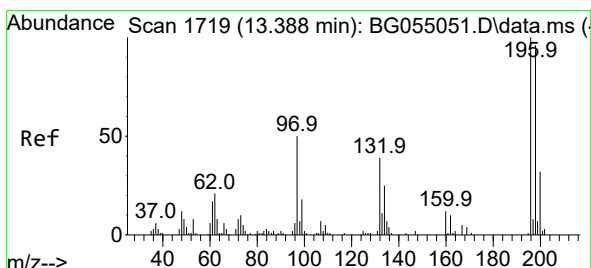
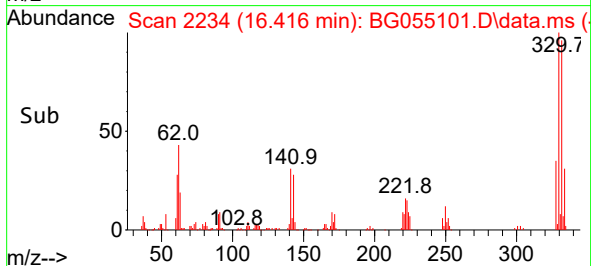
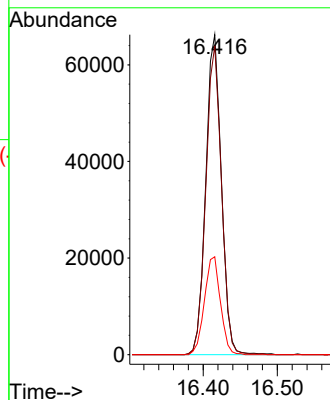
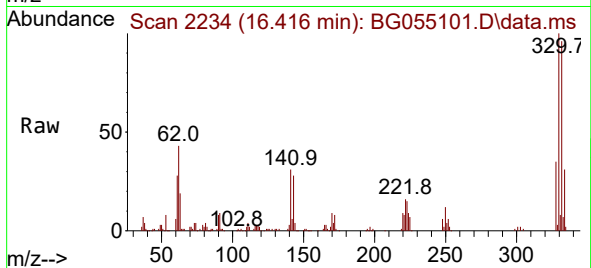
Tgt Ion:330 Resp: 97072

Ion Ratio Lower Upper

330 100

332 96.6 77.4 116.0

141 31.4 25.0 37.4



#43

2,4,6-Trichlorophenol

Concen: 4.319 ng

RT: 13.384 min Scan# 1718

Delta R.T. -0.001 min

Lab File: BG055101.D

Acq: 7 Oct 2022 16:09

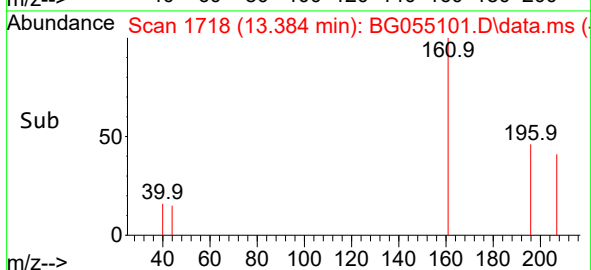
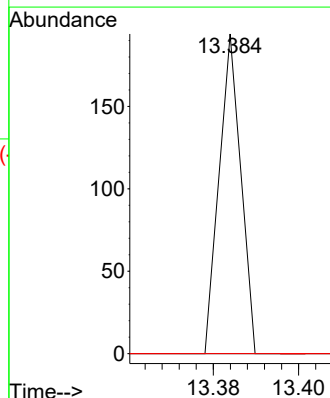
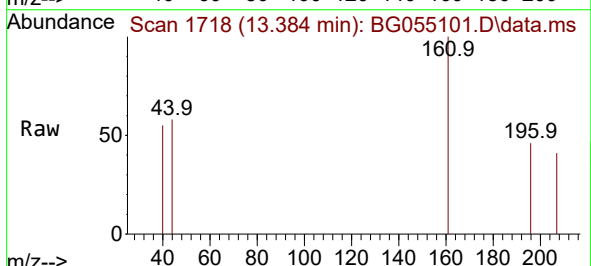
Tgt Ion:196 Resp: 68

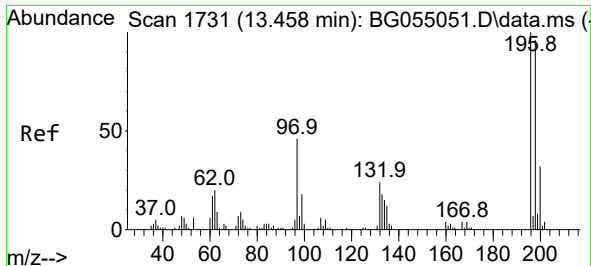
Ion Ratio Lower Upper

196 100

198 0.0 76.5 114.7#

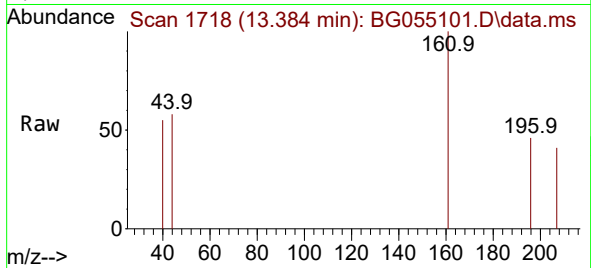
200 0.0 25.6 38.4#



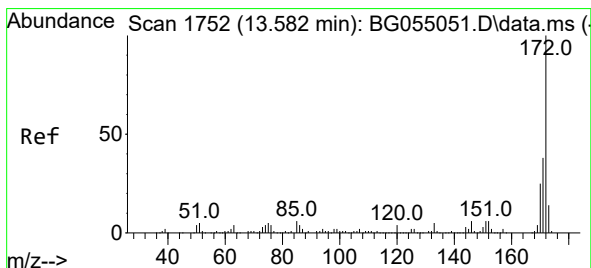
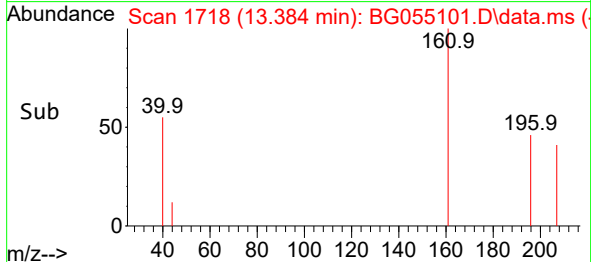
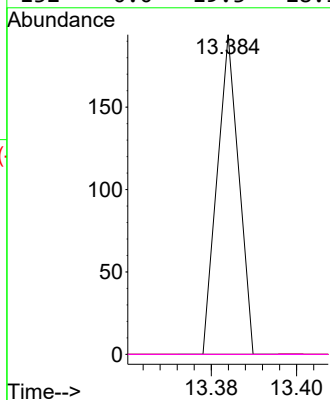


#44
 2,4,5-Trichlorophenol
 Concen: 3.665 ng
 RT: 13.384 min Scan# 1718
 Delta R.T. -0.065 min
 Lab File: BG055101.D
 Acq: 7 Oct 2022 16:09

Instrument :
 BNA_G
 ClientSampleId :
 DSN002

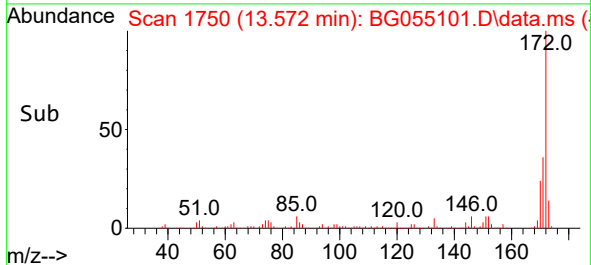
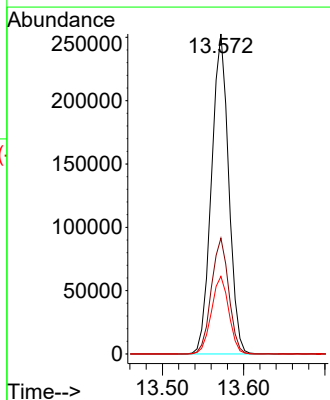
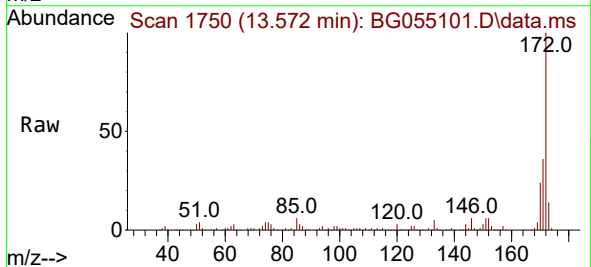


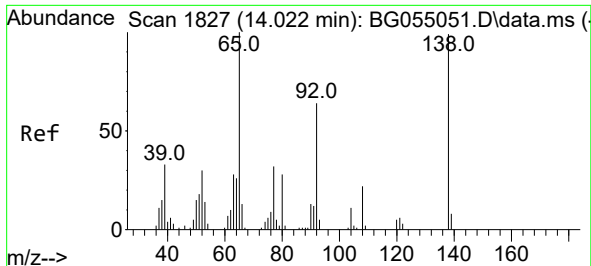
Tgt Ion:196 Resp: 68
 Ion Ratio Lower Upper
 196 100
 198 0.0 76.8 115.2#
 97 0.0 37.1 55.7#
 132 0.0 19.3 28.9#



#45
 2-Fluorobiphenyl
 Concen: 82.152 ng
 RT: 13.572 min Scan# 1750
 Delta R.T. -0.001 min
 Lab File: BG055101.D
 Acq: 7 Oct 2022 16:09

Tgt Ion:172 Resp: 371374
 Ion Ratio Lower Upper
 172 100
 171 36.2 30.1 45.1
 170 24.2 20.0 30.0

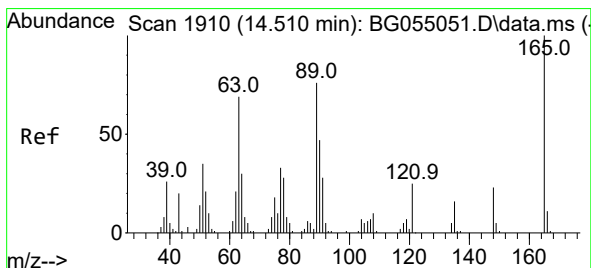
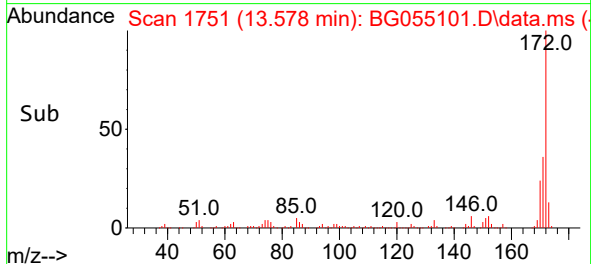
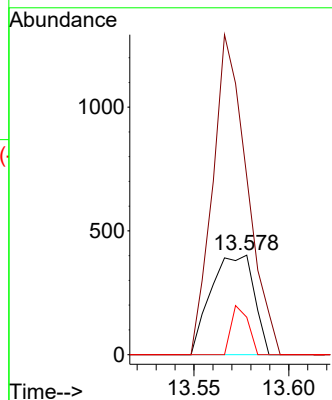
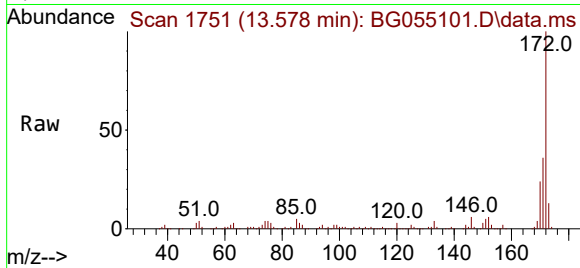




#48
2-Nitroaniline
Concen: 4.611 ng
RT: 13.578 min Scan# 1
Delta R.T. -0.441 min
Lab File: BG055101.D
Acq: 7 Oct 2022 16:09

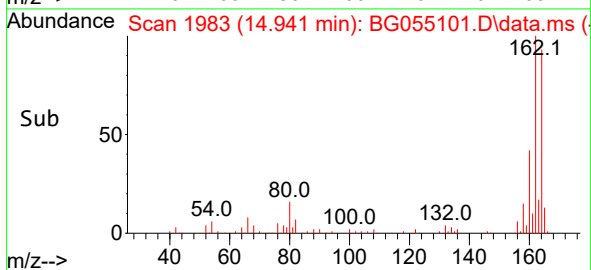
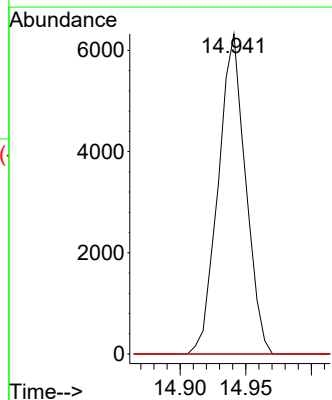
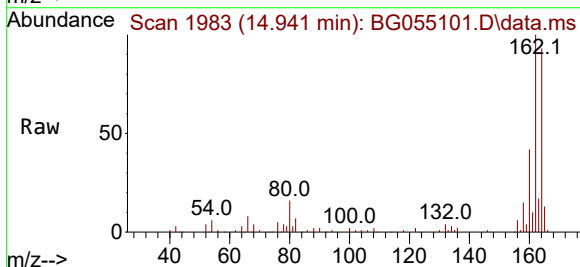
Instrument :
BNA_G
ClientSampleId :
DSN002

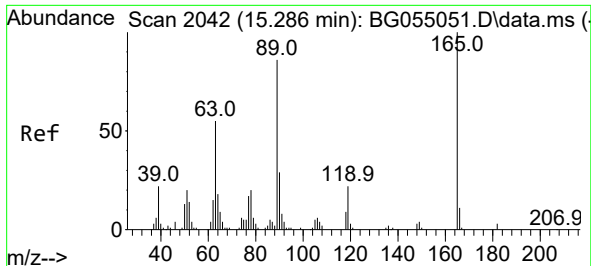
Tgt Ion: 65 Resp: 634
Ion Ratio Lower Upper
65 100
92 178.9 50.9 76.3#
138 37.6 79.5 119.3#



#51
2,6-Dinitrotoluene
Concen: 12.147 ng
RT: 14.941 min Scan# 1983
Delta R.T. 0.434 min
Lab File: BG055101.D
Acq: 7 Oct 2022 16:09

Tgt Ion:165 Resp: 9148
Ion Ratio Lower Upper
165 100
63 0.0 56.2 84.4#
89 0.0 60.4 90.6#





#57

2,4-Dinitrotoluene

Concen: 9.921 ng

RT: 14.941 min Scan# 14

Delta R.T. -0.342 min

Lab File: BG055101.D

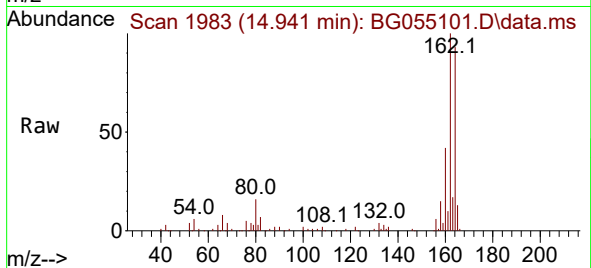
Acq: 7 Oct 2022 16:09

Instrument :

BNA_G

ClientSampleId :

DSN002



Tgt Ion:165 Resp: 9148

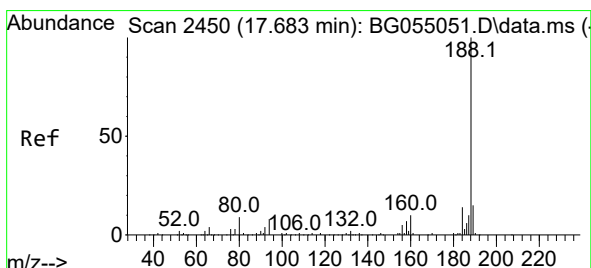
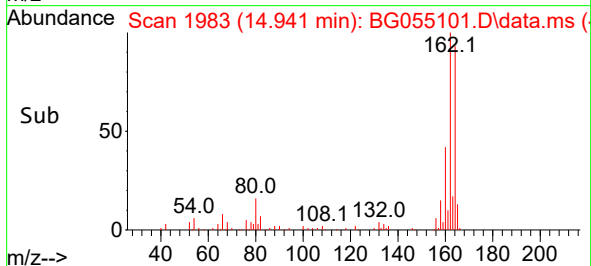
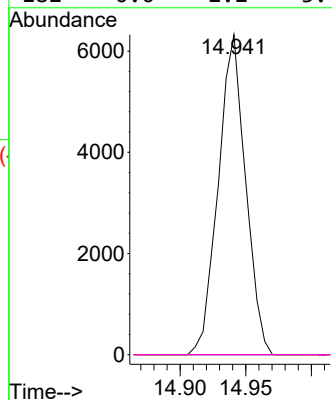
Ion Ratio Lower Upper

165 100

63 0.0 44.2 66.2#

89 0.0 69.0 103.6#

182 0.0 2.2 3.4#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.673 min Scan# 2448

Delta R.T. -0.001 min

Lab File: BG055101.D

Acq: 7 Oct 2022 16:09

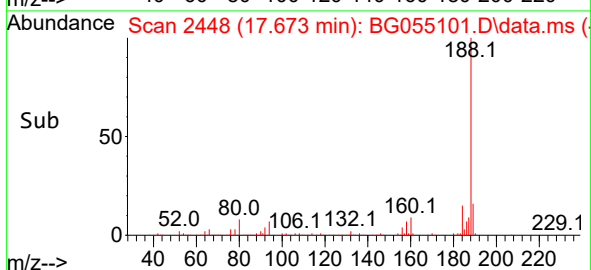
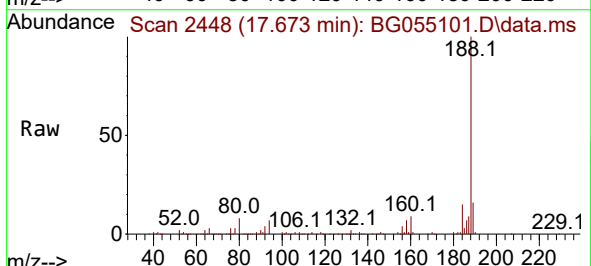
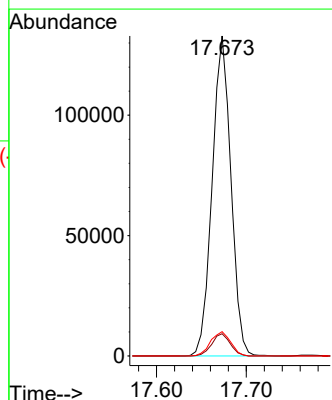
Tgt Ion:188 Resp: 192846

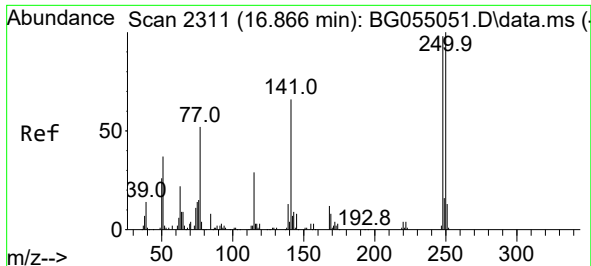
Ion Ratio Lower Upper

188 100

94 7.0 6.2 9.2

80 7.6 7.2 10.8

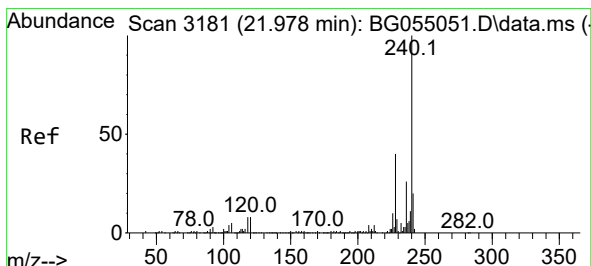
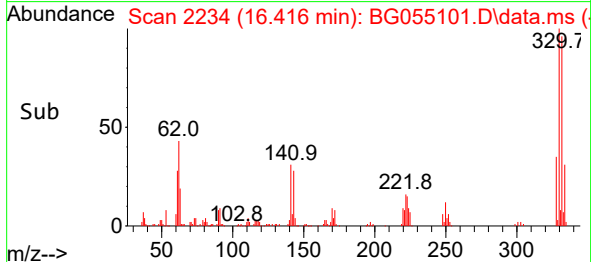
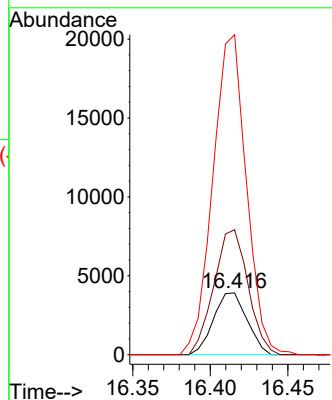
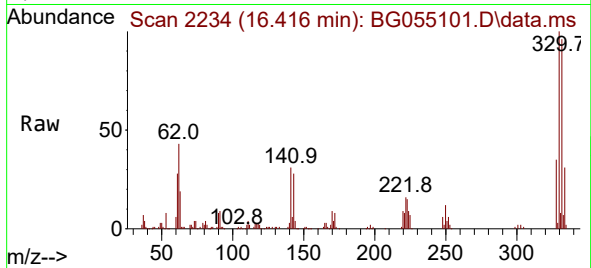




#67
4-Bromophenyl-phenylether
Concen: 2.888 ng
RT: 16.416 min Scan# 21
Delta R.T. -0.441 min
Lab File: BG055101.D
Acq: 7 Oct 2022 16:09

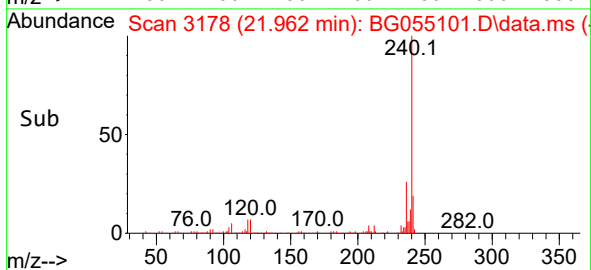
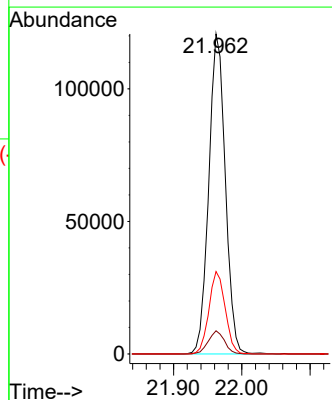
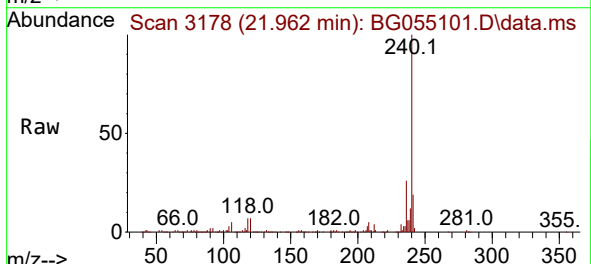
Instrument :
BNA_G
ClientSampleId :
DSN002

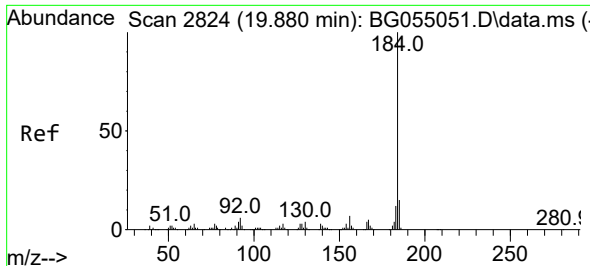
Tgt Ion:248 Resp: 5890
Ion Ratio Lower Upper
248 100
250 202.5 81.7 122.5#
141 518.3 53.7 80.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.962 min Scan# 3178
Delta R.T. -0.007 min
Lab File: BG055101.D
Acq: 7 Oct 2022 16:09

Tgt Ion:240 Resp: 203642
Ion Ratio Lower Upper
240 100
120 7.3 6.2 9.4
236 25.8 20.6 30.8

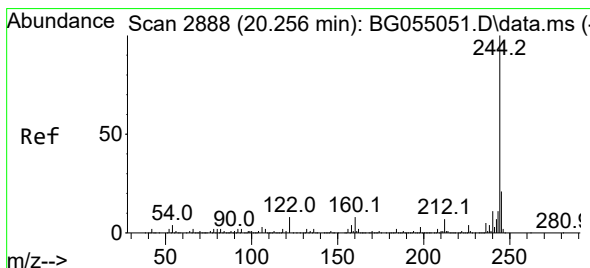
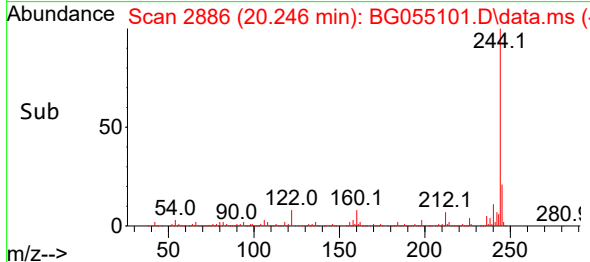
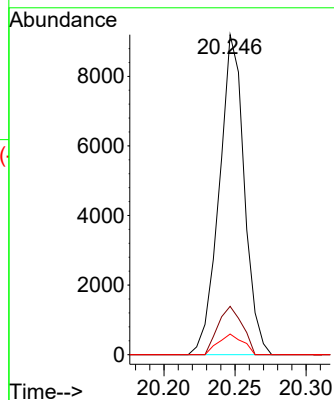
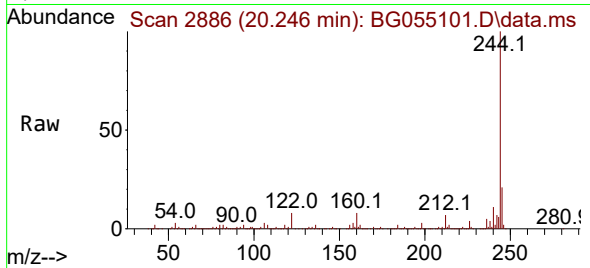




#77
Benzidine
Concen: 3.208 ng
RT: 20.246 min Scan# 2886
Delta R.T. 0.375 min
Lab File: BG055101.D
Acq: 7 Oct 2022 16:09

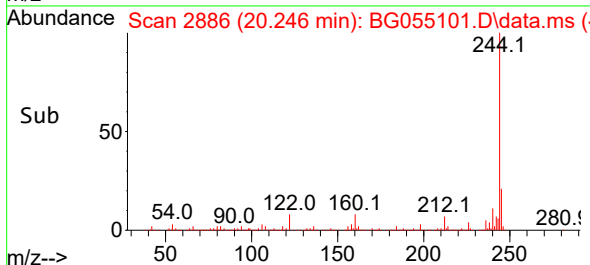
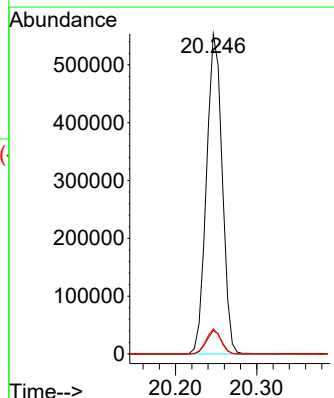
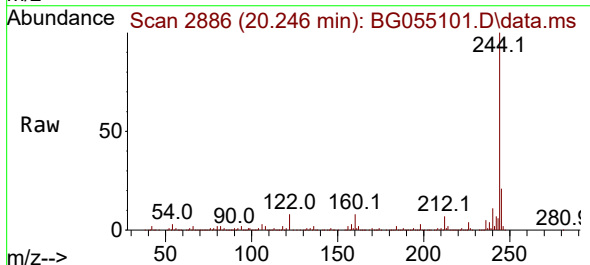
Instrument :
BNA_G
ClientSampleId :
DSN002

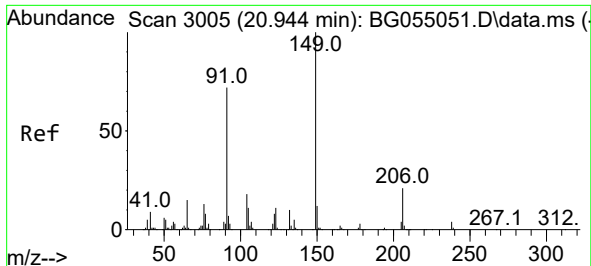
Tgt Ion:184 Resp: 11254
Ion Ratio Lower Upper
184 100
185 15.1 12.2 18.4
183 6.5 9.4 14.0#



#79
Terphenyl-d14
Concen: 73.652 ng
RT: 20.246 min Scan# 2886
Delta R.T. -0.007 min
Lab File: BG055101.D
Acq: 7 Oct 2022 16:09

Tgt Ion:244 Resp: 742066
Ion Ratio Lower Upper
244 100
212 7.3 6.0 9.0
122 7.9 6.6 10.0

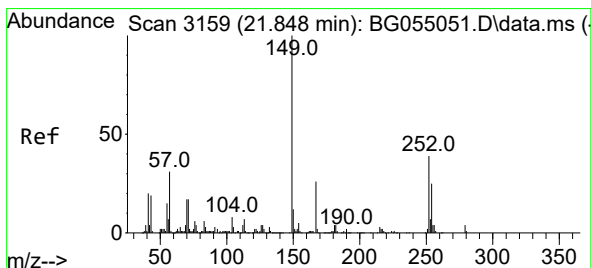
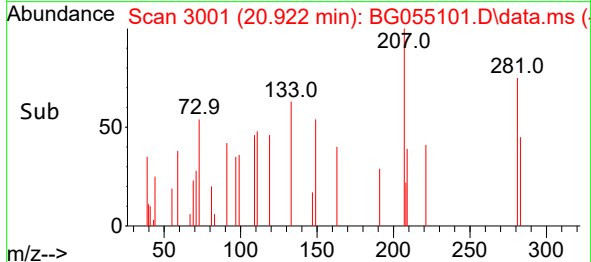
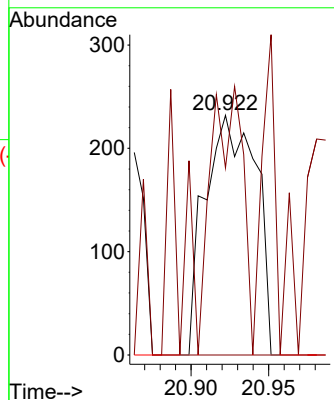
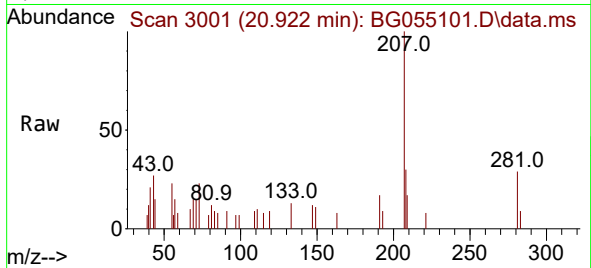




#80
 Butylbenzylphthalate
 Concen: 4.951 ng
 RT: 20.922 min Scan# 3005
 Delta R.T. -0.013 min
 Lab File: BG055101.D
 Acq: 7 Oct 2022 16:09

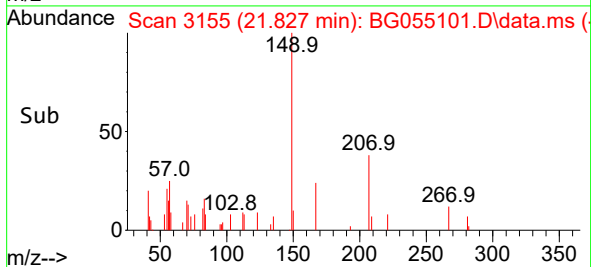
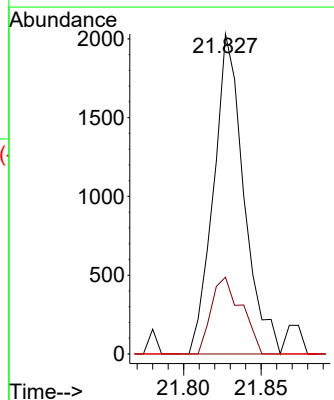
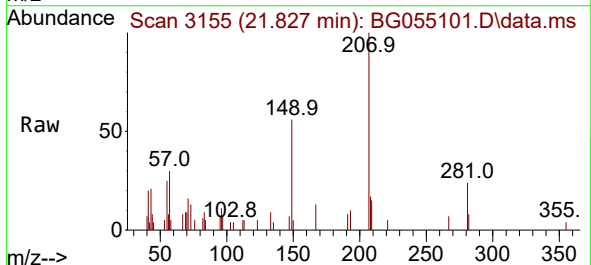
Instrument :
 BNA_G
 ClientSampleId :
 DSN002

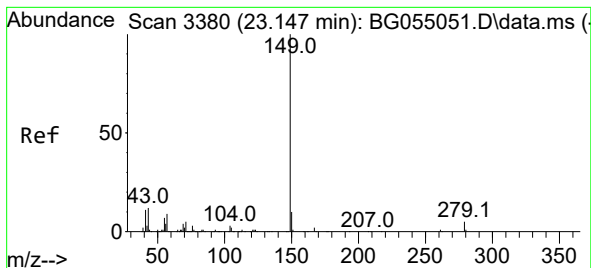
Tgt Ion:149 Resp: 532
 Ion Ratio Lower Upper
 149 100
 91 78.0 57.8 86.8
 206 0.0 16.9 25.3#



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 4.499 ng
 RT: 21.827 min Scan# 3155
 Delta R.T. -0.007 min
 Lab File: BG055101.D
 Acq: 7 Oct 2022 16:09

Tgt Ion:149 Resp: 2757
 Ion Ratio Lower Upper
 149 100
 167 24.0 21.0 31.4
 279 0.0 3.4 5.2#





#85

Di-n-octyl phthalate

Concen: 4.372 ng

RT: 23.125 min Scan# 31

Delta R.T. -0.001 min

Lab File: BG055101.D

Acq: 7 Oct 2022 16:09

Instrument :

BNA_G

ClientSampleId :

DSN002

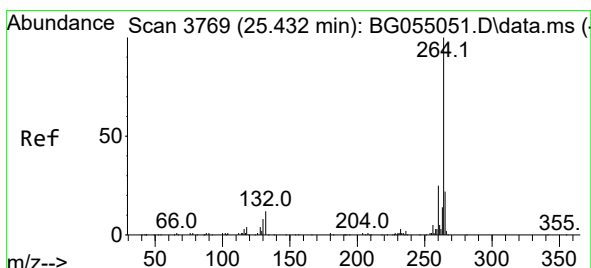
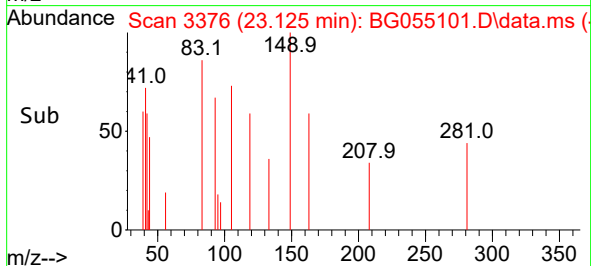
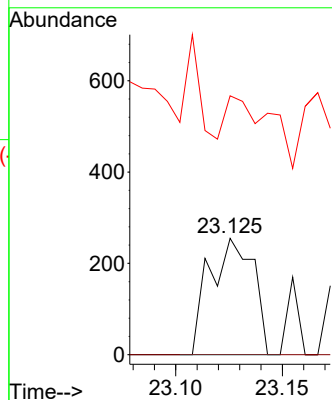
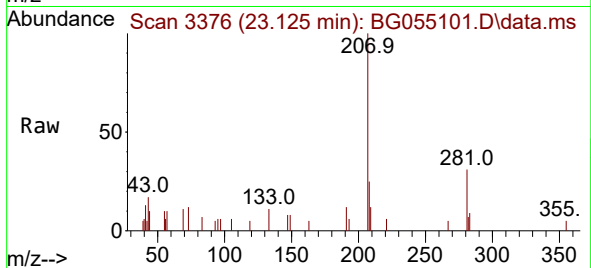
Tgt Ion:149 Resp: 364

Ion Ratio Lower Upper

149 100

167 0.0 1.3 1.9#

43 62.1 10.2 15.4#



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.411 min Scan# 3765

Delta R.T. -0.007 min

Lab File: BG055101.D

Acq: 7 Oct 2022 16:09

Tgt Ion:264 Resp: 216507

Ion Ratio Lower Upper

264 100

260 23.8 19.7 29.5

265 21.1 17.8 26.6

