

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100422\
 Data File : BG055066.D
 Acq On : 4 Oct 2022 16:52
 Operator : CG/JU
 Sample : N4909-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 05 00:32:28 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 04 07:12:22 2022
 Response via : Initial Calibration

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

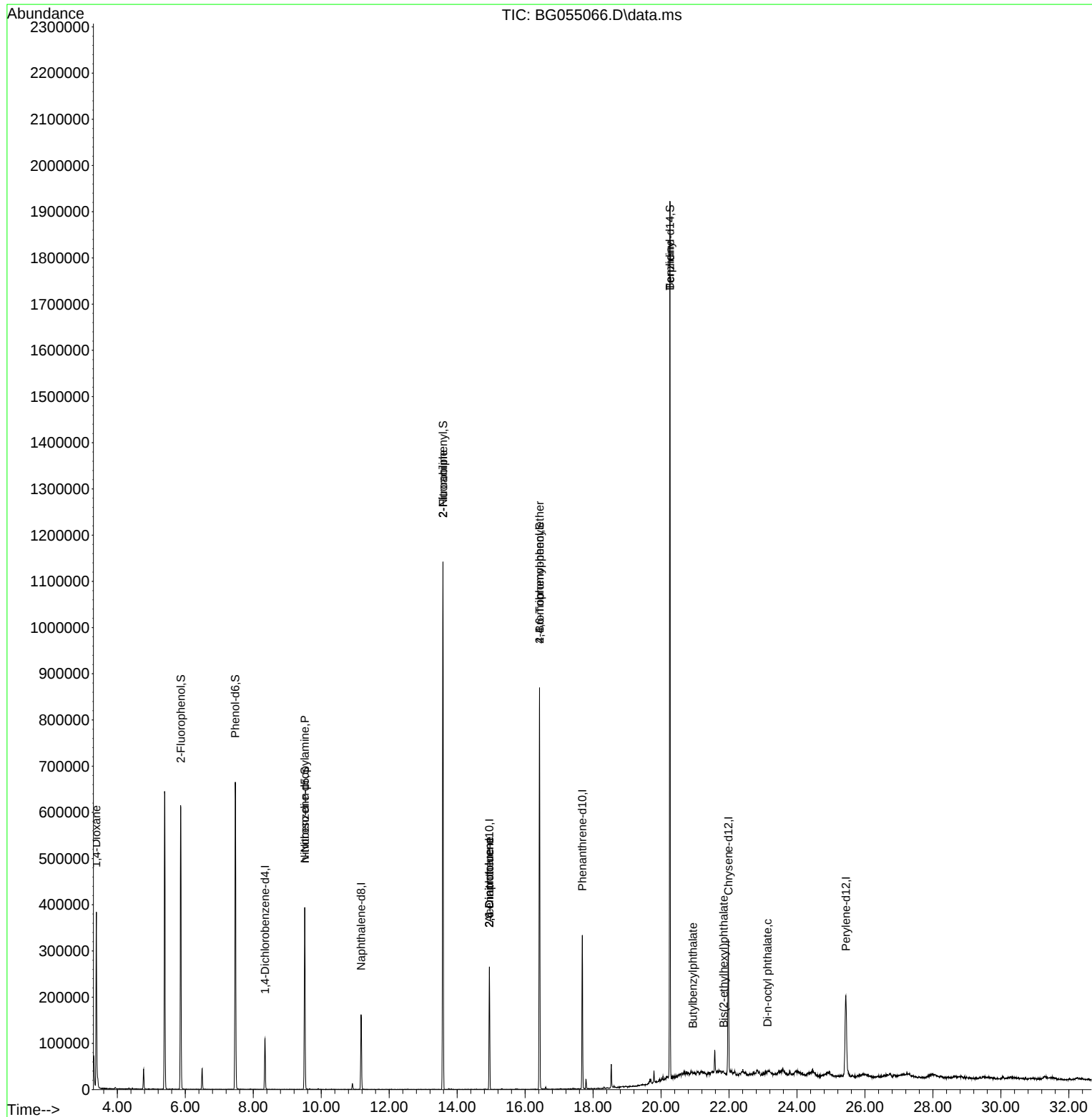
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.346	152	31072	20.000	ng	0.00
21) Naphthalene-d8	11.172	136	133238	20.000	ng	0.00
39) Acenaphthene-d10	14.950	164	93505	20.000	ng	0.00
64) Phenanthrene-d10	17.683	188	204881	20.000	ng	0.00
76) Chrysene-d12	21.977	240	193638	20.000	ng	0.00
86) Perylene-d12	25.438	264	208743	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.867	112	257840	184.313	ng	0.01
7) Phenol-d6	7.471	99	355634	169.670	ng	0.00
23) Nitrobenzene-d5	9.516	82	223659	100.306	ng	0.00
42) 2,4,6-Tribromophenol	16.425	330	172684	175.406	ng	0.00
45) 2-Fluorobiphenyl	13.581	172	568603	94.932	ng	0.00
79) Terphenyl-d14	20.262	244	927010	96.761	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.382	88	3099	3.915	ng	# 1
19) n-Nitroso-di-n-propyla...	9.516	70	31239	15.386	ng	# 79
48) 2-Nitroaniline	13.581	65	1224	4.852	ng	# 7
51) 2,6-Dinitrotoluene	14.945	165	12084	12.121	ng	# 13
57) 2,4-Dinitrotoluene	14.945	165	12084	9.902	ng	# 15
67) 4-Bromophenyl-phenylether	16.425	248	10625	4.904	ng	# 1
77) Benzidine	20.262	184	15303	4.587	ng	# 92
80) Butylbenzylphthalate	20.938	149	263	4.897	ng	# 68
84) Bis(2-ethylhexyl)phtha...	21.842	149	1044	4.259	ng	# 94
85) Di-n-octyl phthalate	23.135	149	364	4.374	ng	# 1

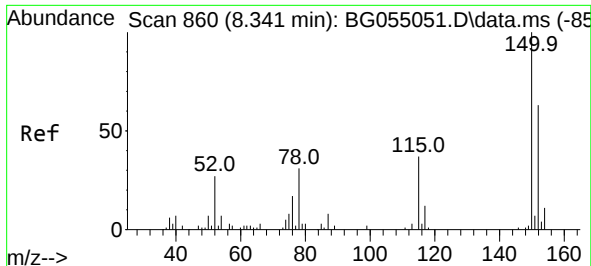
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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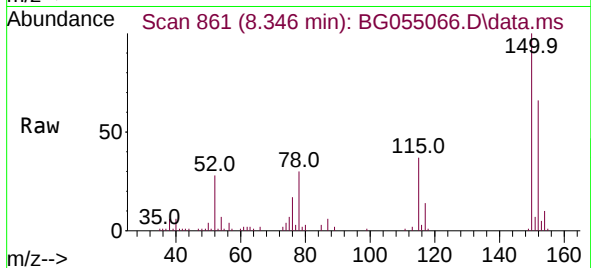
Quant Time: Oct 05 00:32:28 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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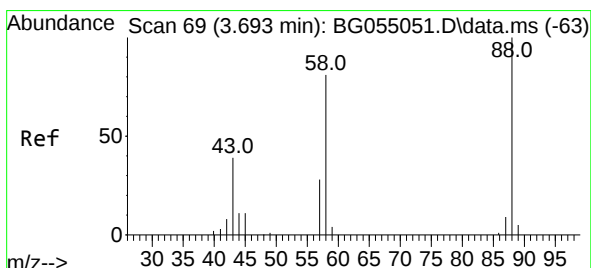
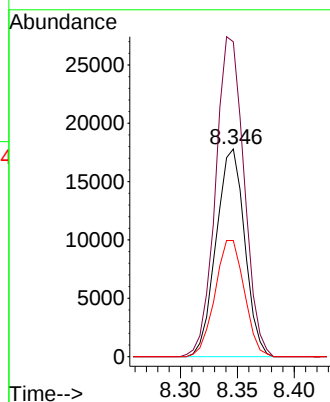
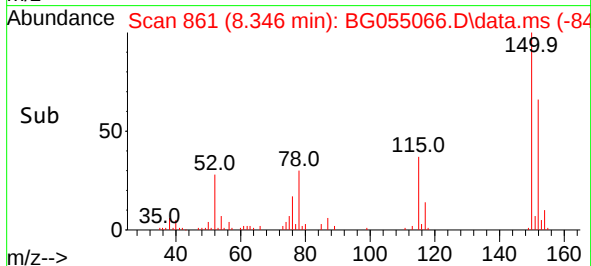


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.346 min Scan# 80
 Delta R.T. 0.005 min
 Lab File: BG055066.D
 Acq: 4 Oct 2022 16:52

Instrument :
 BNA_G
 ClientSampleId :

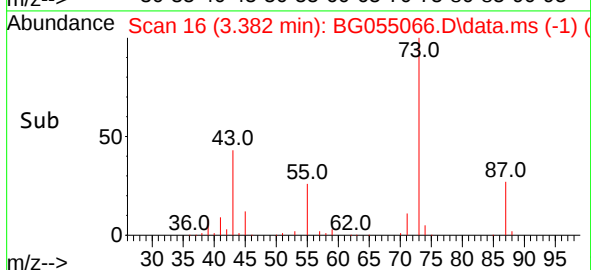
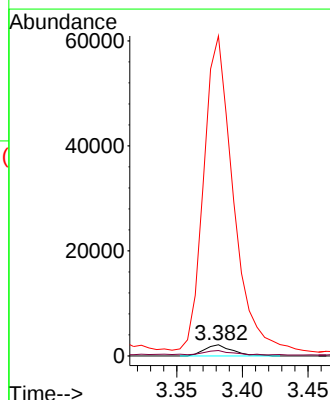
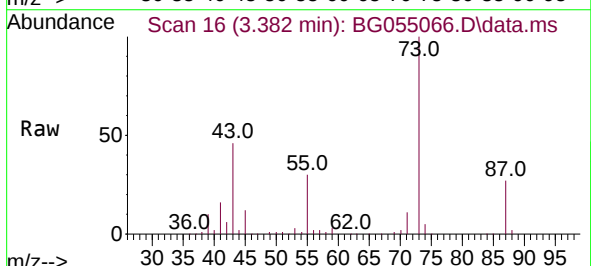


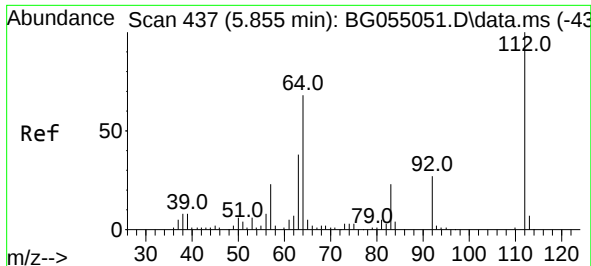
Tgt Ion:152 Resp: 31072
 Ion Ratio Lower Upper
 152 100
 150 151.7 128.0 192.0
 115 56.0 47.7 71.5



#2
 1,4-Dioxane
 Concen: 3.915 ng
 RT: 3.382 min Scan# 16
 Delta R.T. -0.312 min
 Lab File: BG055066.D
 Acq: 4 Oct 2022 16:52

Tgt Ion: 88 Resp: 3099
 Ion Ratio Lower Upper
 88 100
 58 43.4 62.6 94.0#
 43 3068.3 29.0 43.6#

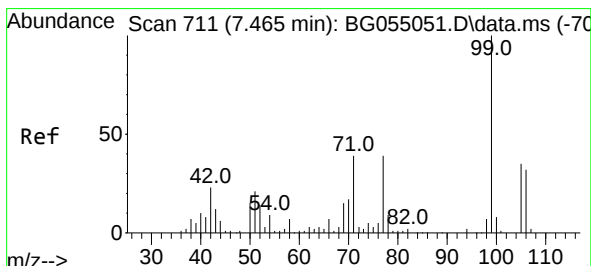
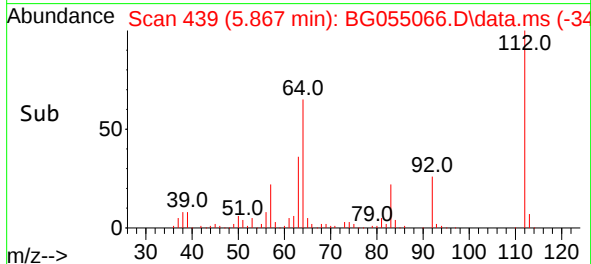
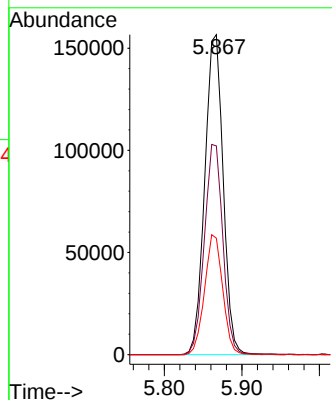
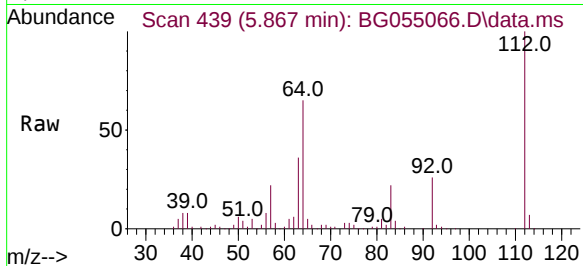




#5
2-Fluorophenol
Concen: 184.313 ng
RT: 5.867 min Scan# 437
Delta R.T. 0.012 min
Lab File: BG055066.D
Acq: 4 Oct 2022 16:52

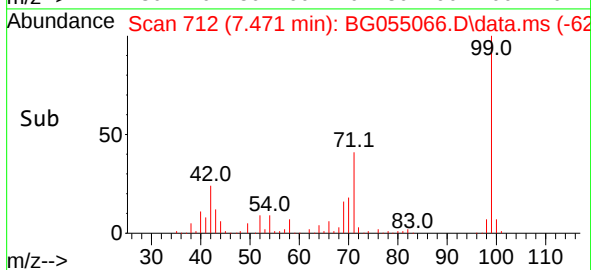
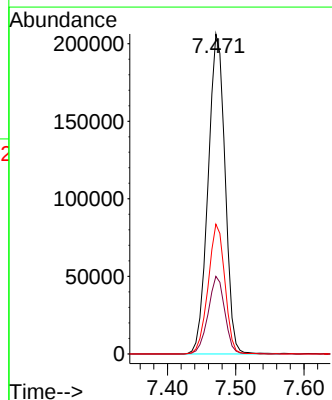
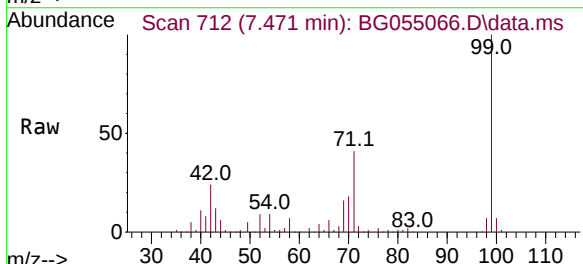
Instrument :
BNA_G
ClientSampleId :

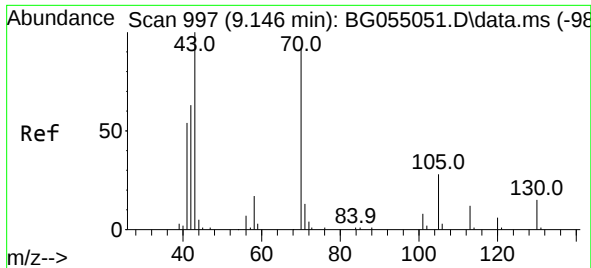
Tgt Ion:112 Resp: 257840
Ion Ratio Lower Upper
112 100
64 65.2 54.5 81.7
63 36.4 30.5 45.7



#7
Phenol-d6
Concen: 169.670 ng
RT: 7.471 min Scan# 712
Delta R.T. 0.006 min
Lab File: BG055066.D
Acq: 4 Oct 2022 16:52

Tgt Ion: 99 Resp: 355634
Ion Ratio Lower Upper
99 100
42 24.2 18.6 28.0
71 40.5 31.2 46.8

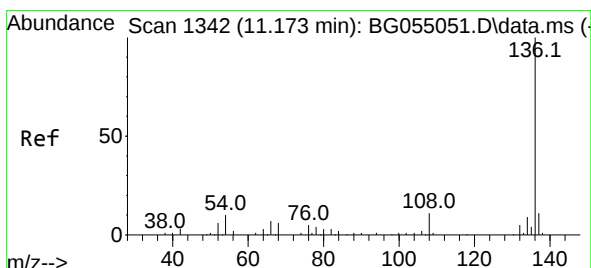
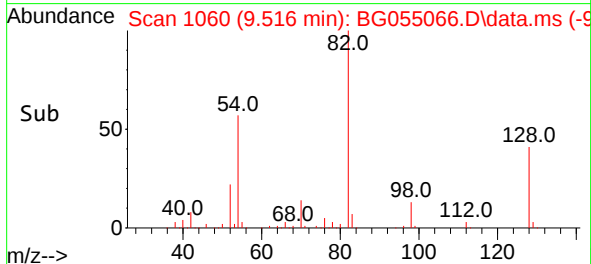
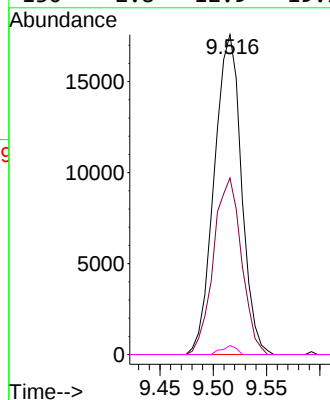
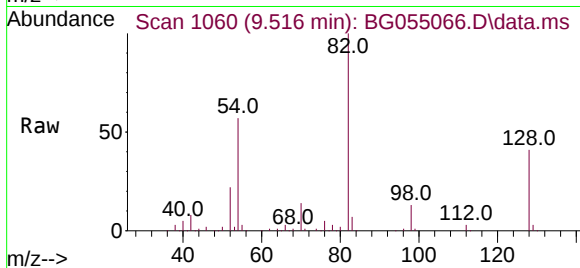




#19
n-Nitroso-di-n-propylamine
Concen: 15.386 ng
RT: 9.516 min Scan# 1060
Delta R.T. 0.370 min
Lab File: BG055066.D
Acq: 4 Oct 2022 16:52

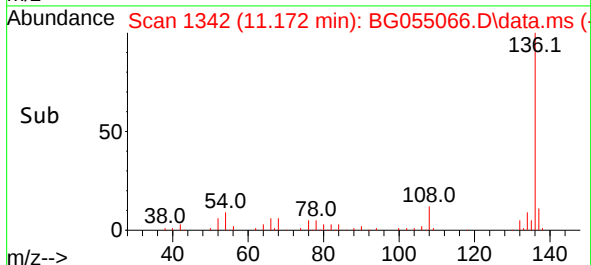
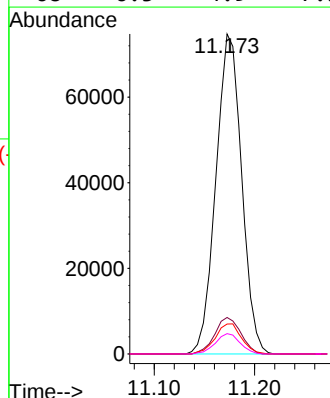
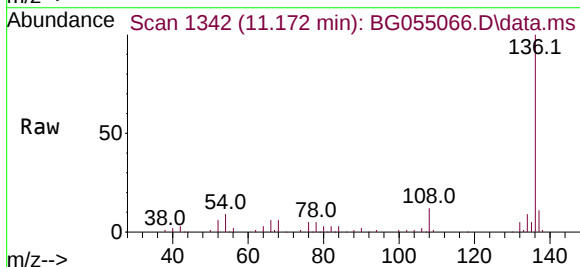
Instrument :
BNA_G
ClientSampleId :

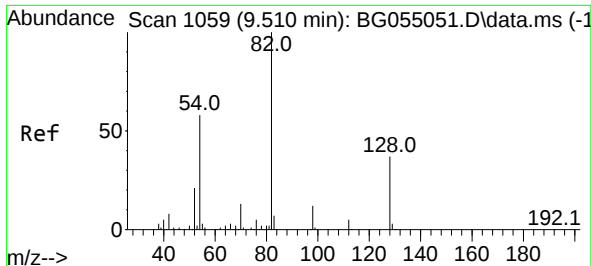
Tgt Ion: 70 Resp: 31239
Ion Ratio Lower Upper
70 100
42 55.2 55.8 83.6#
101 0.0 7.1 10.7#
130 2.8 12.9 19.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.172 min Scan# 1342
Delta R.T. -0.000 min
Lab File: BG055066.D
Acq: 4 Oct 2022 16:52

Tgt Ion:136 Resp: 133238
Ion Ratio Lower Upper
136 100
137 11.4 8.7 13.1
54 9.3 8.2 12.4
68 6.3 4.9 7.3





#23

Nitrobenzene-d5

Concen: 100.306 ng

RT: 9.516 min Scan# 1059

Delta R.T. 0.006 min

Lab File: BG055066.D

Acq: 4 Oct 2022 16:52

Instrument :

BNA_G

ClientSampleId :

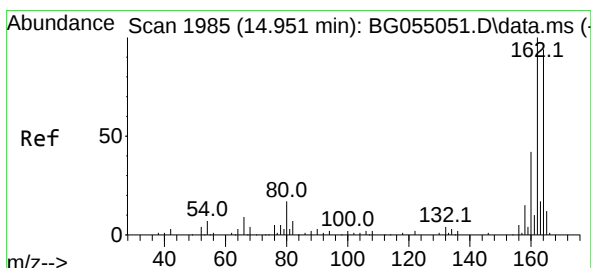
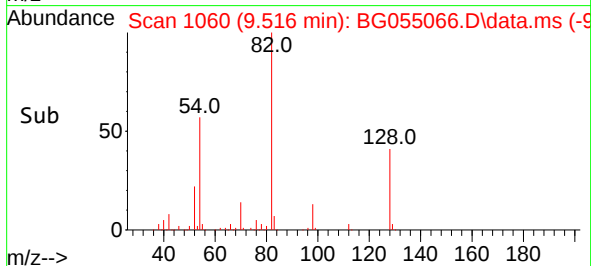
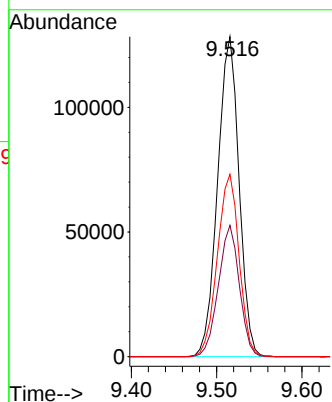
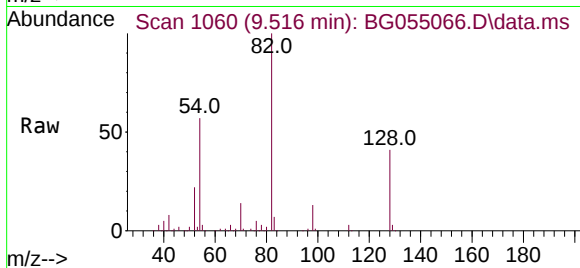
Tgt Ion: 82 Resp: 223659

Ion Ratio Lower Upper

82 100

128 41.0 29.5 44.3

54 57.0 46.7 70.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.950 min Scan# 1985

Delta R.T. -0.000 min

Lab File: BG055066.D

Acq: 4 Oct 2022 16:52

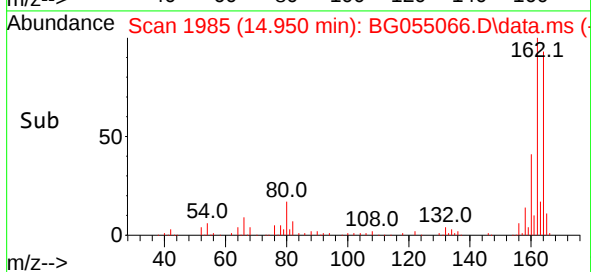
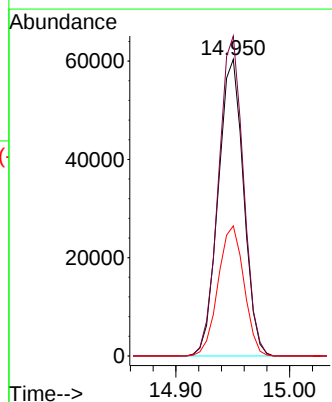
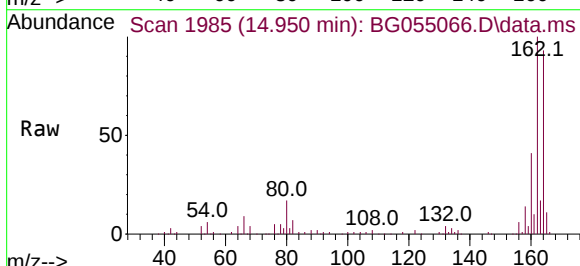
Tgt Ion:164 Resp: 93505

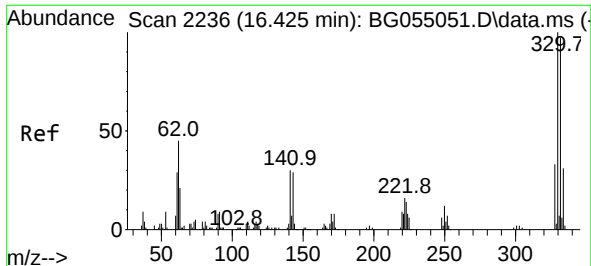
Ion Ratio Lower Upper

164 100

162 107.9 85.5 128.3

160 43.9 35.5 53.3





#42

2,4,6-Tribromophenol

Concen: 175.406 ng

RT: 16.425 min Scan# 2236

Delta R.T. 0.000 min

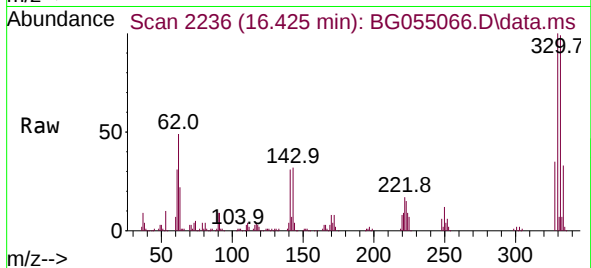
Lab File: BG055066.D

Acq: 4 Oct 2022 16:52

Instrument :

BNA_G

ClientSampleId :



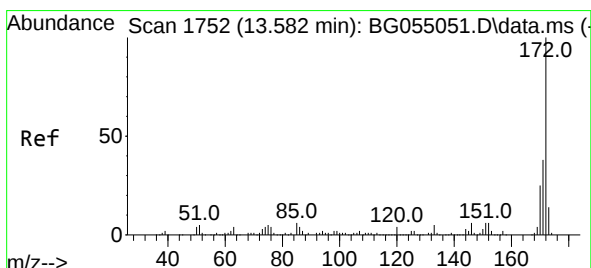
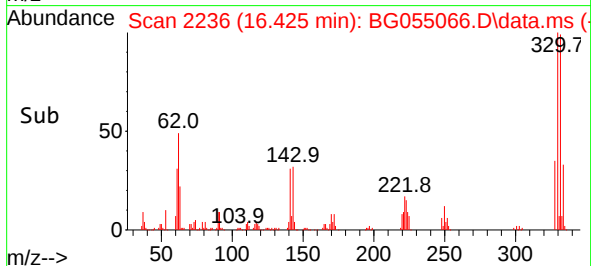
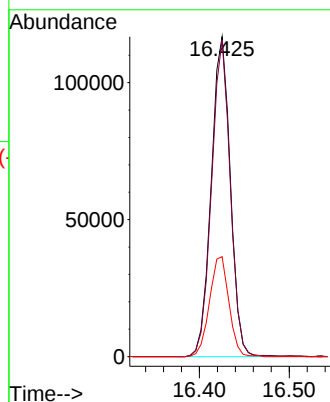
Tgt Ion:330 Resp: 172684

Ion Ratio Lower Upper

330 100

332 96.8 77.4 116.0

141 31.7 25.0 37.4



#45

2-Fluorobiphenyl

Concen: 94.932 ng

RT: 13.581 min Scan# 1752

Delta R.T. -0.001 min

Lab File: BG055066.D

Acq: 4 Oct 2022 16:52

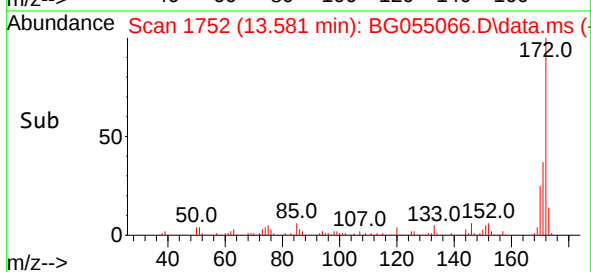
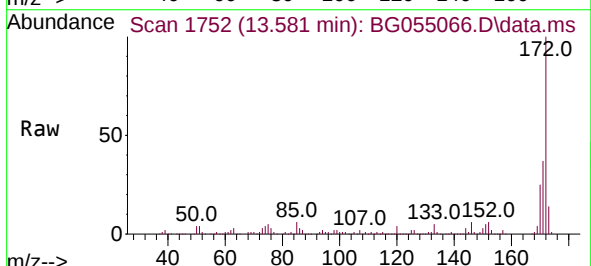
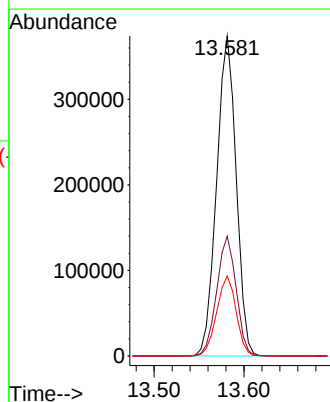
Tgt Ion:172 Resp: 568603

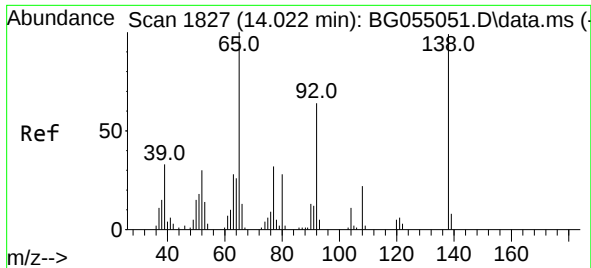
Ion Ratio Lower Upper

172 100

171 37.4 30.1 45.1

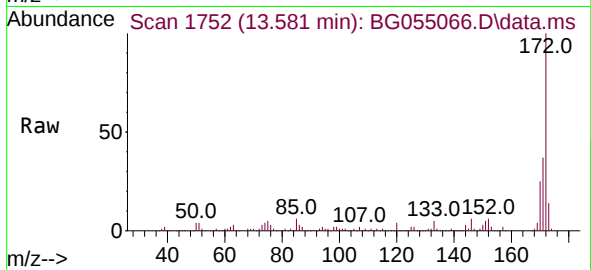
170 25.0 20.0 30.0



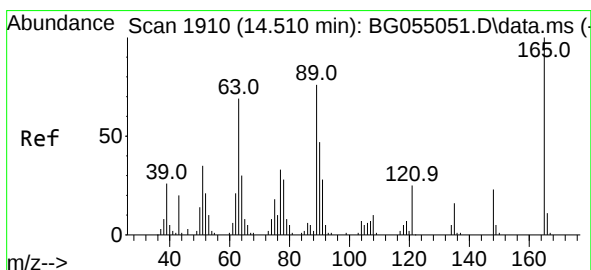
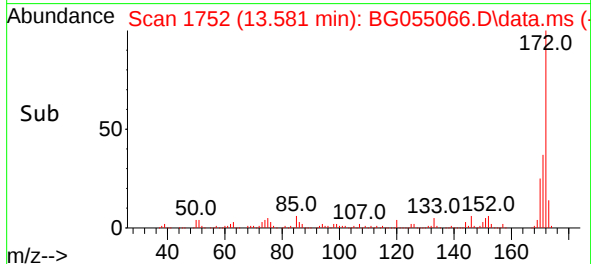
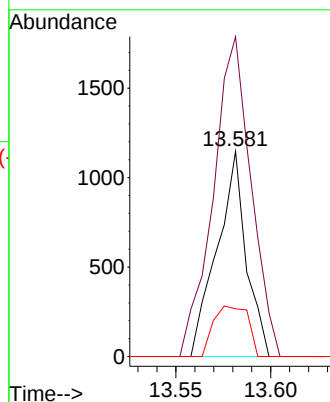


#48
2-Nitroaniline
Concen: 4.852 ng
RT: 13.581 min Scan# 11
Delta R.T. -0.441 min
Lab File: BG055066.D
Acq: 4 Oct 2022 16:52

Instrument :
BNA_G
ClientSampleId :

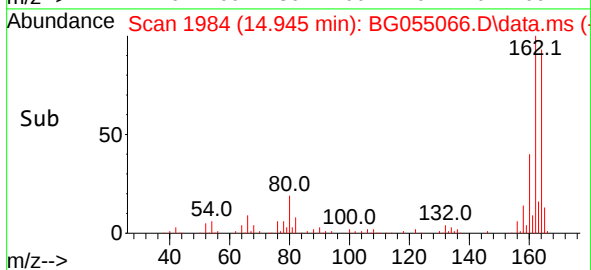
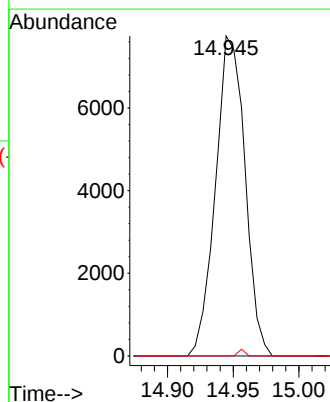
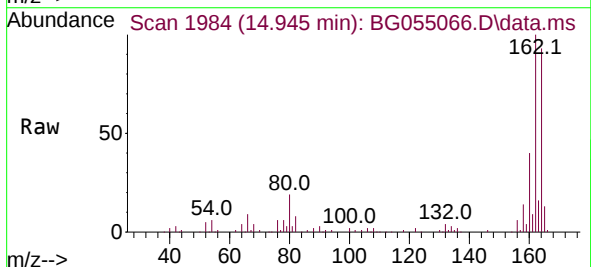


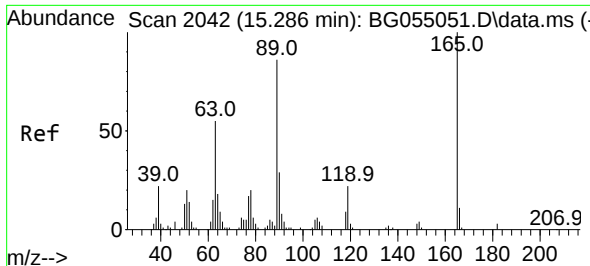
Tgt Ion: 65 Resp: 1224
Ion Ratio Lower Upper
65 100
92 155.9 50.9 76.3#
138 23.3 79.5 119.3#



#51
2,6-Dinitrotoluene
Concen: 12.121 ng
RT: 14.945 min Scan# 1984
Delta R.T. 0.435 min
Lab File: BG055066.D
Acq: 4 Oct 2022 16:52

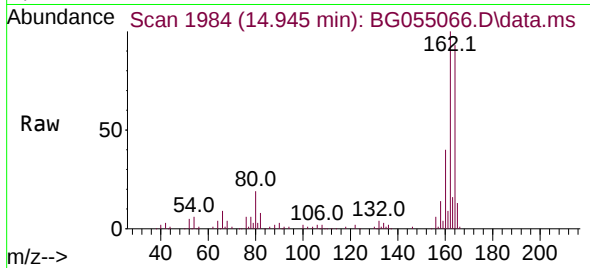
Tgt Ion:165 Resp: 12084
Ion Ratio Lower Upper
165 100
63 0.0 56.2 84.4#
89 0.0 60.4 90.6#



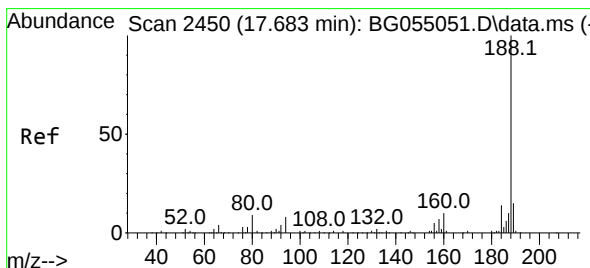
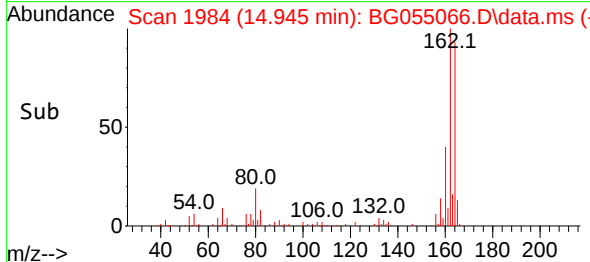
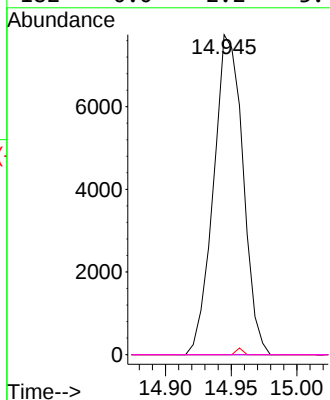


#57
2,4-Dinitrotoluene
Concen: 9.902 ng
RT: 14.945 min Scan# 1984
Delta R.T. -0.341 min
Lab File: BG055066.D
Acq: 4 Oct 2022 16:52

Instrument :
BNA_G
ClientSampleId :

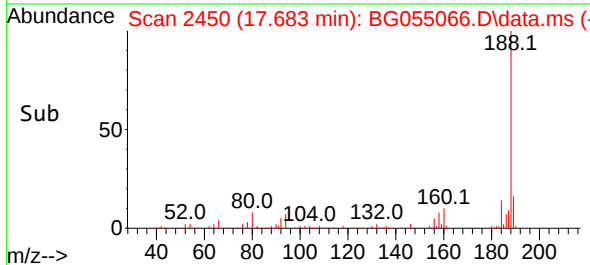
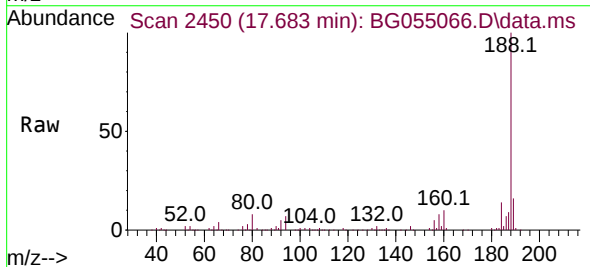
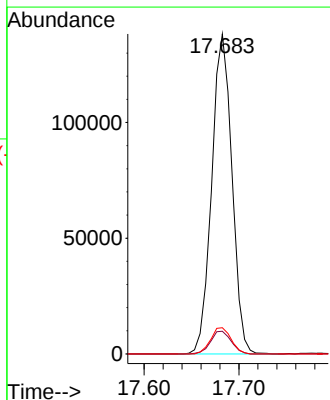


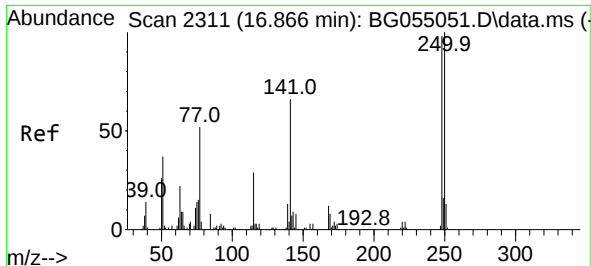
Tgt Ion:165 Resp: 12084
Ion Ratio Lower Upper
165 100
63 0.0 44.2 66.2#
89 0.0 69.0 103.6#
182 0.0 2.2 3.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.683 min Scan# 2450
Delta R.T. -0.000 min
Lab File: BG055066.D
Acq: 4 Oct 2022 16:52

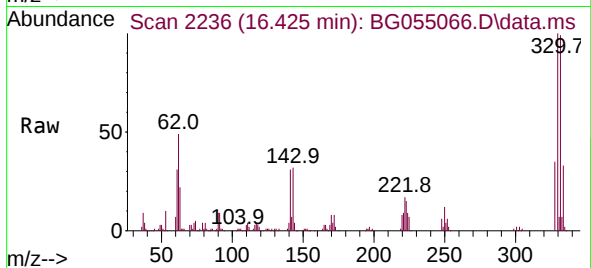
Tgt Ion:188 Resp: 204881
Ion Ratio Lower Upper
188 100
94 7.1 6.2 9.2
80 8.2 7.2 10.8



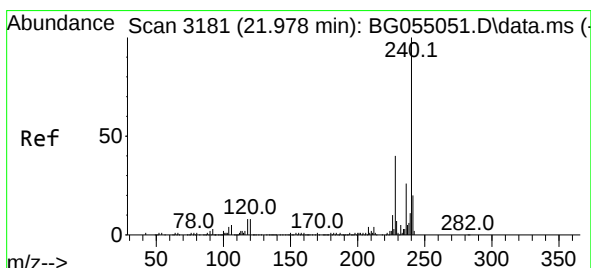
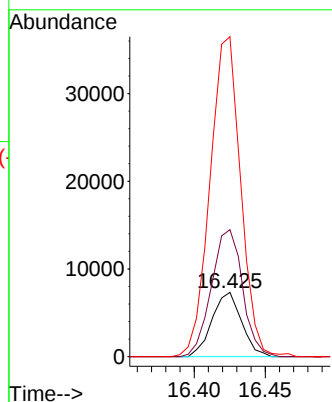
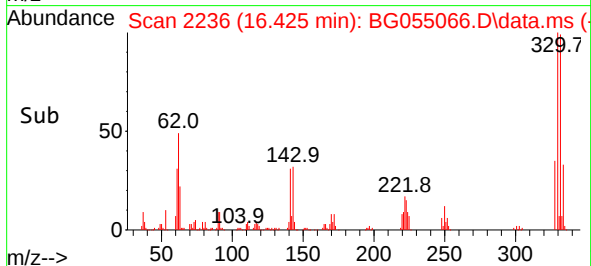


#67
4-Bromophenyl-phenylether
Concen: 4.904 ng
RT: 16.425 min Scan# 211
Delta R.T. -0.441 min
Lab File: BG055066.D
Acq: 4 Oct 2022 16:52

Instrument :
BNA_G
ClientSampleId :

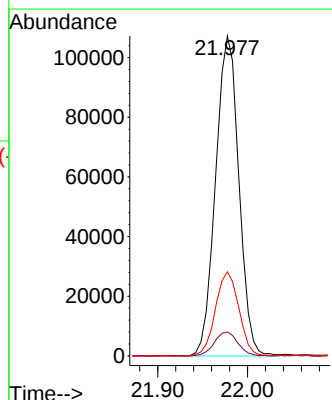
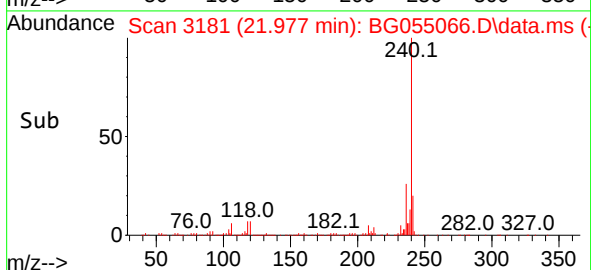
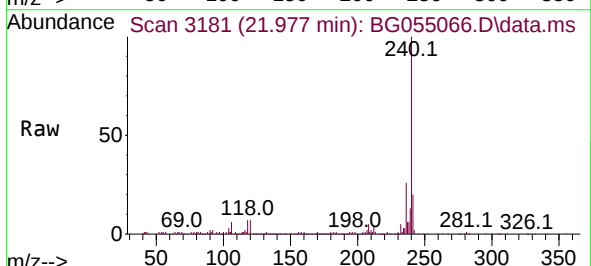


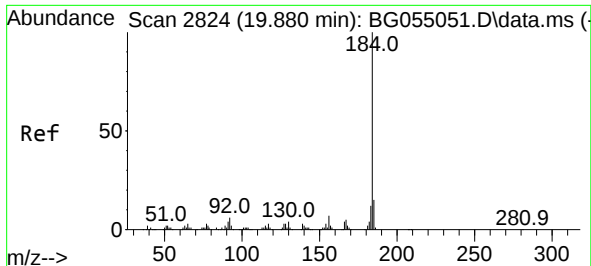
Tgt Ion:248 Resp: 10625
Ion Ratio Lower Upper
248 100
250 197.7 81.7 122.5#
141 498.2 53.7 80.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.977 min Scan# 3181
Delta R.T. -0.000 min
Lab File: BG055066.D
Acq: 4 Oct 2022 16:52

Tgt Ion:240 Resp: 193638
Ion Ratio Lower Upper
240 100
120 7.5 6.2 9.4
236 26.3 20.6 30.8

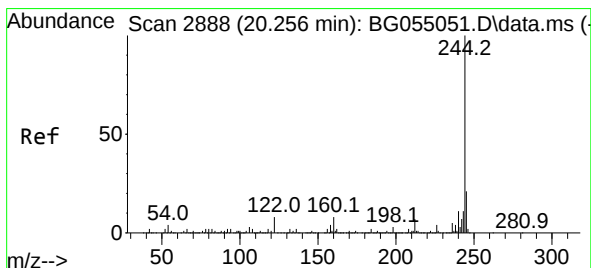
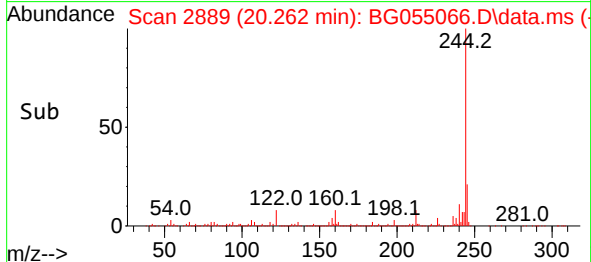
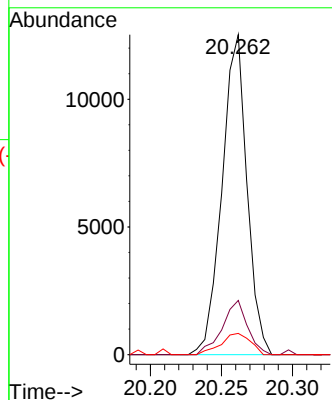
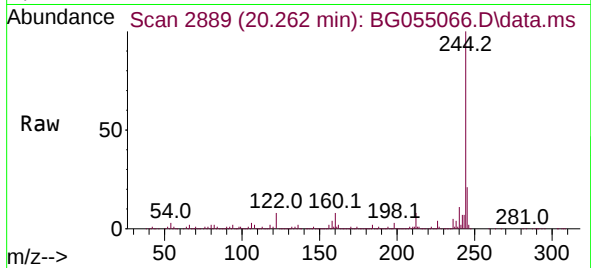




#77
Benzidine
Concen: 4.587 ng
RT: 20.262 min Scan# 2889
Delta R.T. 0.382 min
Lab File: BG055066.D
Acq: 4 Oct 2022 16:52

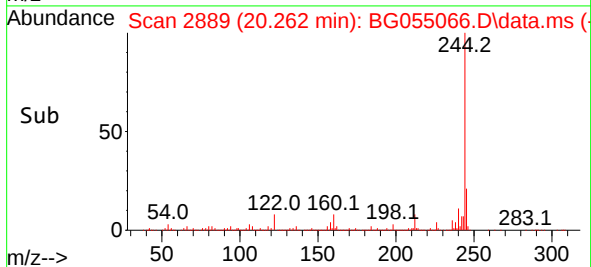
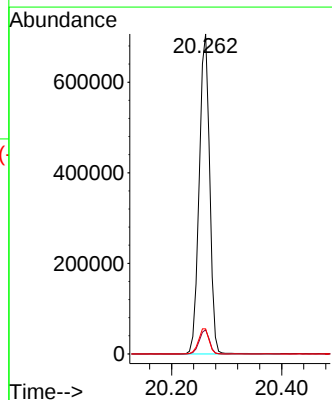
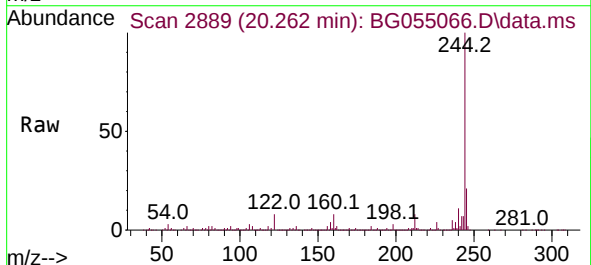
Instrument :
BNA_G
ClientSampleId :

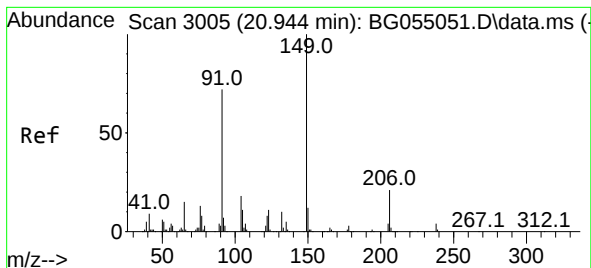
Tgt Ion:184 Resp: 15303
Ion Ratio Lower Upper
184 100
185 16.9 12.2 18.4
183 6.6 9.4 14.0#



#79
Terphenyl-d14
Concen: 96.761 ng
RT: 20.262 min Scan# 2889
Delta R.T. 0.006 min
Lab File: BG055066.D
Acq: 4 Oct 2022 16:52

Tgt Ion:244 Resp: 927010
Ion Ratio Lower Upper
244 100
212 7.5 6.0 9.0
122 7.8 6.6 10.0





#80

Butylbenzylphthalate

Concen: 4.897 ng

RT: 20.938 min Scan# 3005

Delta R.T. -0.006 min

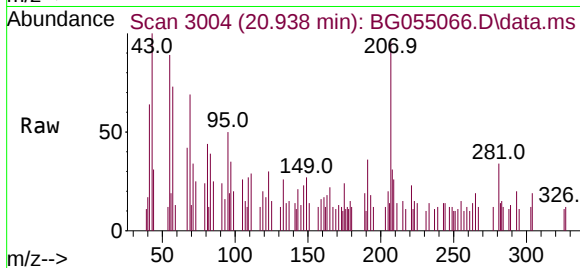
Lab File: BG055066.D

Acq: 4 Oct 2022 16:52

Instrument :

BNA_G

ClientSampleId :



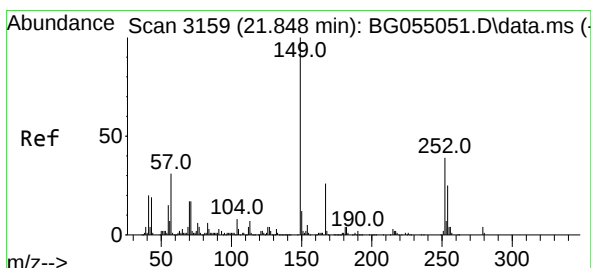
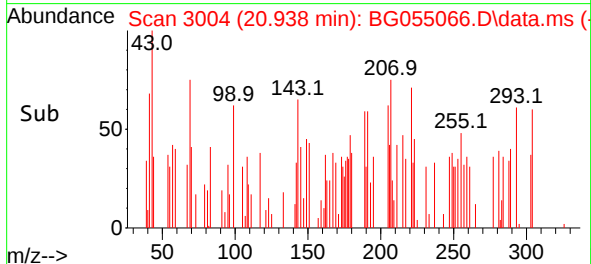
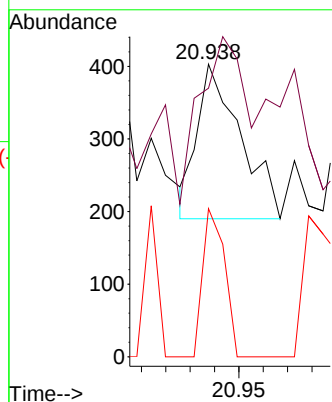
Tgt Ion:149 Resp: 263

Ion Ratio Lower Upper

149 100

91 91.8 57.8 86.8#

206 50.6 16.9 25.3#



#84

Bis(2-ethylhexyl)phthalate

Concen: 4.259 ng

RT: 21.842 min Scan# 3158

Delta R.T. -0.006 min

Lab File: BG055066.D

Acq: 4 Oct 2022 16:52

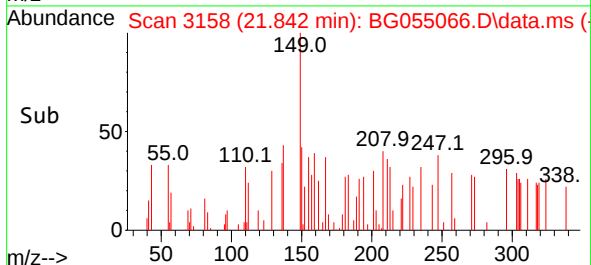
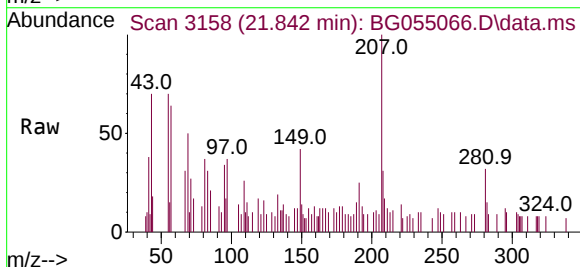
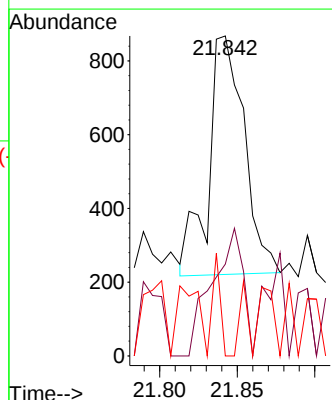
Tgt Ion:149 Resp: 1044

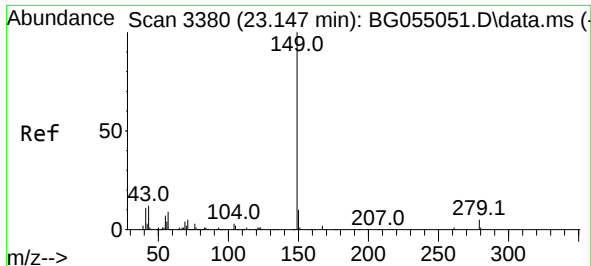
Ion Ratio Lower Upper

149 100

167 28.7 21.0 31.4

279 0.0 3.4 5.2#

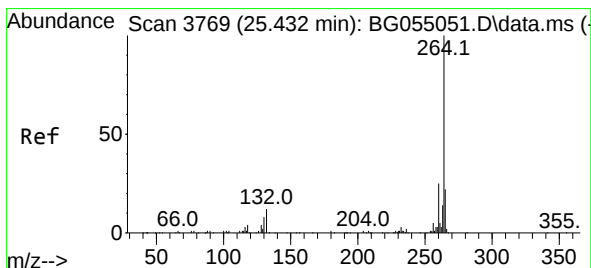
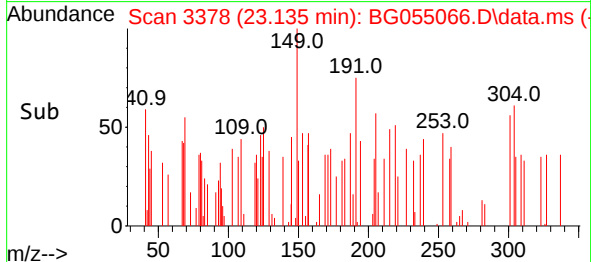
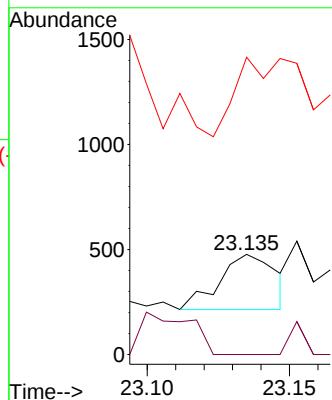
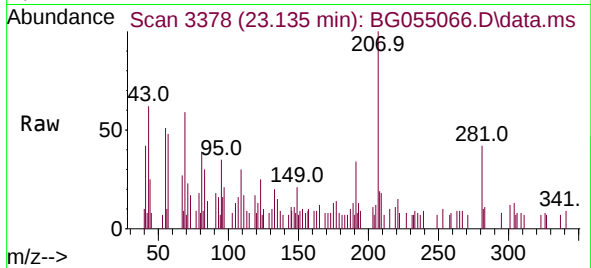




#85
Di-n-octyl phthalate
Concen: 4.374 ng
RT: 23.135 min Scan# 3380
Delta R.T. -0.012 min
Lab File: BG055066.D
Acq: 4 Oct 2022 16:52

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:149 Resp: 364
Ion Ratio Lower Upper
149 100
167 15.1 1.3 1.9#
43 167.0 10.2 15.4#



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.438 min Scan# 3770
Delta R.T. 0.006 min
Lab File: BG055066.D
Acq: 4 Oct 2022 16:52

Tgt Ion:264 Resp: 208743
Ion Ratio Lower Upper
264 100
260 23.6 19.7 29.5
265 21.2 17.8 26.6

