

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101122\
 Data File : BG055132.D
 Acq On : 11 Oct 2022 18:41
 Operator : CG/JU
 Sample : N5082-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FLORENCE-COMP-1-FLORENCE-VOC-1

Quant Time: Oct 12 06:21:37 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)

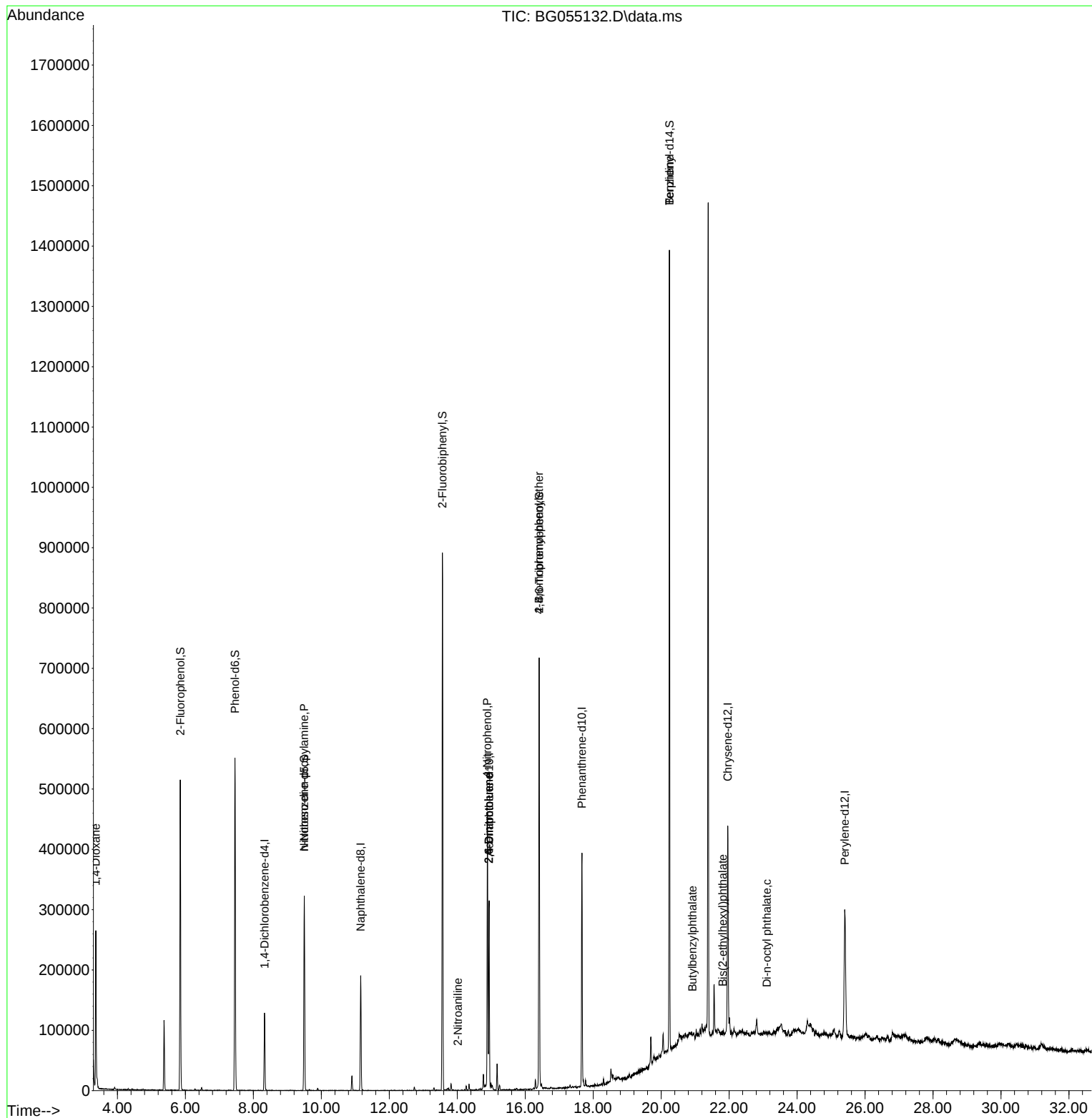
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.329	152	35887	20.000	ng	0.00
21) Naphthalene-d8	11.161	136	163272	20.000	ng	0.00
39) Acenaphthene-d10	14.939	164	114668	20.000	ng	0.00
64) Phenanthrene-d10	17.671	188	250733	20.000	ng	0.00
76) Chrysene-d12	21.960	240	231865	20.000	ng	0.00
86) Perylene-d12	25.403	264	255585	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.849	112	217891	134.858	ng	0.00
7) Phenol-d6	7.459	99	300859	124.279	ng	0.00
23) Nitrobenzene-d5	9.498	82	192854	70.580	ng	0.00
42) 2,4,6-Tribromophenol	16.413	330	158906	133.193	ng	0.00
45) 2-Fluorobiphenyl	13.564	172	461311	62.804	ng	0.00
79) Terphenyl-d14	20.244	244	662674	57.766	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.364	88	2030	2.221	ng	# 1
19) n-Nitroso-di-n-propyla...	9.498	70	27671	11.800	ng	# 76
48) 2-Nitroaniline	14.016	65	54	4.110	ng	# 7
51) 2,6-Dinitrotoluene	14.933	165	15162	12.320	ng	# 14
56) 4-Nitrophenol	14.886	139	116	4.993	ng	# 1
57) 2,4-Dinitrotoluene	14.933	165	15162	10.048	ng	# 16
67) 4-Bromophenyl-phenylether	16.408	248	9805	3.698	ng	# 1
77) Benzidine	20.244	184	10632	2.662	ng	# 92
80) Butylbenzylphthalate	20.920	149	347	4.903	ng	# 1
84) Bis(2-ethylhexyl)phtha...	21.813	149	1381	4.276	ng	# 78
85) Di-n-octyl phthalate	23.111	149	233	4.358	ng	# 56

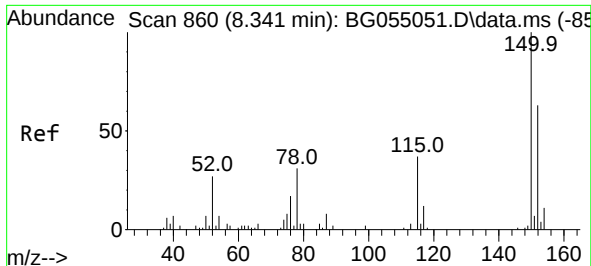
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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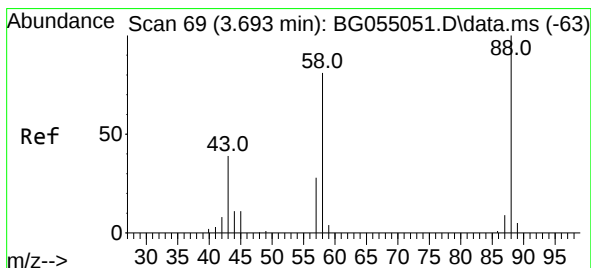
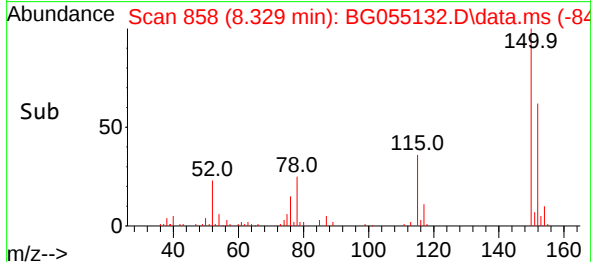
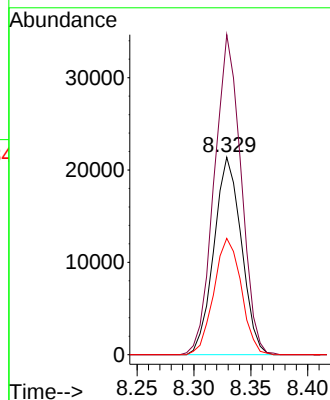
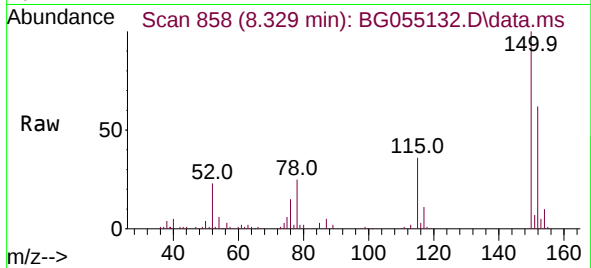




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.329 min Scan# 8
Delta R.T. -0.009 min
Lab File: BG055132.D
Acq: 11 Oct 2022 18:41

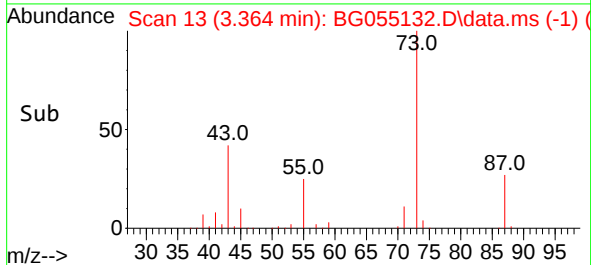
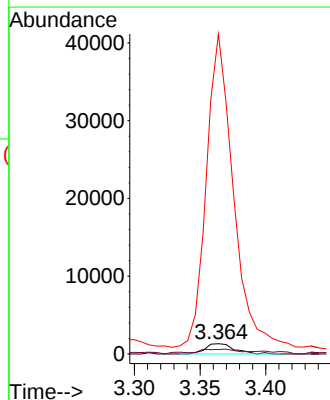
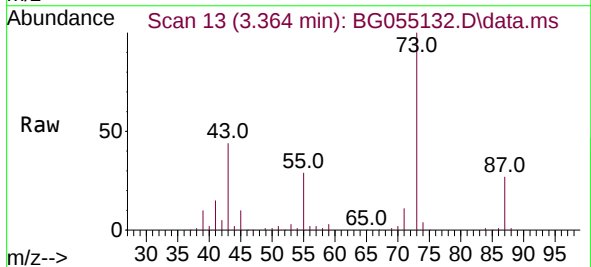
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BNA_G
ClientSampleId :
FLORENCE-COMP-1-FLORENCE-VOC-1

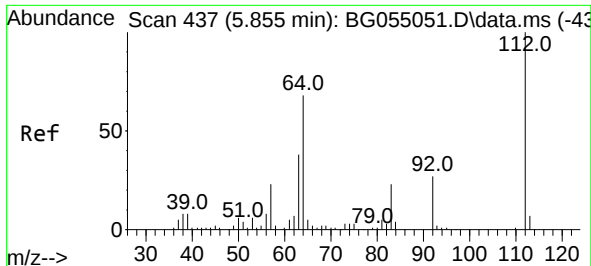
Tgt Ion:152 Resp: 35887
Ion Ratio Lower Upper
152 100
150 162.1 128.0 192.0
115 58.9 47.7 71.5



#2
1,4-Dioxane
Concen: 2.221 ng
RT: 3.364 min Scan# 13
Delta R.T. -0.320 min
Lab File: BG055132.D
Acq: 11 Oct 2022 18:41

Tgt Ion: 88 Resp: 2030
Ion Ratio Lower Upper
88 100
58 71.9 62.6 94.0
43 2909.9 29.0 43.6#

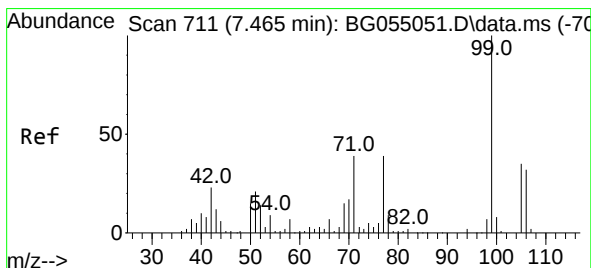
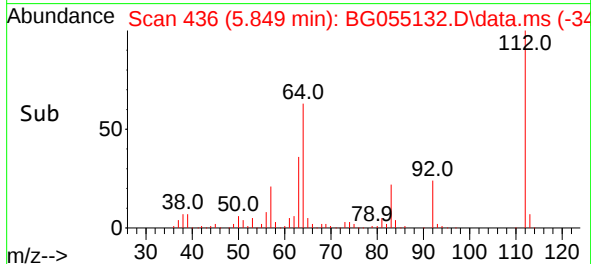
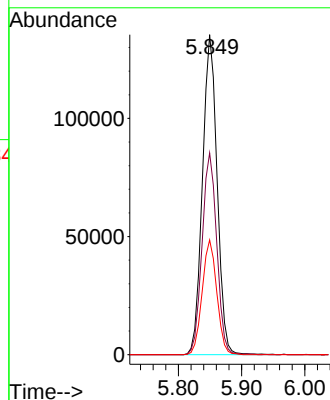
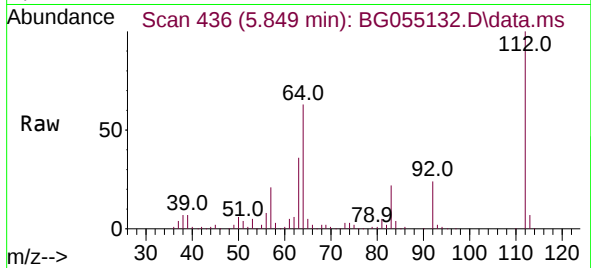




#5
2-Fluorophenol
Concen: 134.858 ng
RT: 5.849 min Scan# 41
Delta R.T. -0.003 min
Lab File: BG055132.D
Acq: 11 Oct 2022 18:41

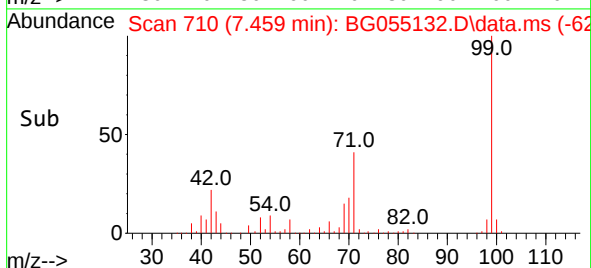
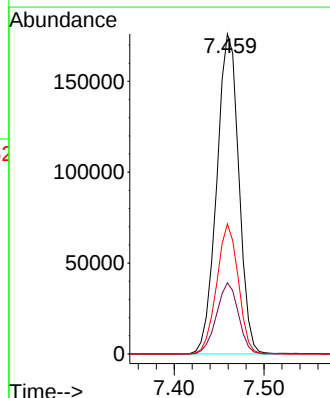
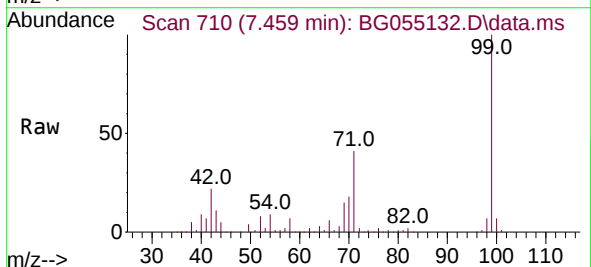
Instrument :
BNA_G
ClientSampleId :
FLORENCE-COMP-1-FLORENCE-VOC-1

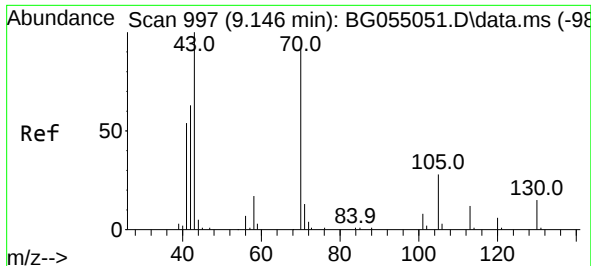
Tgt Ion:112 Resp: 217891
Ion Ratio Lower Upper
112 100
64 63.1 54.5 81.7
63 35.9 30.5 45.7



#7
Phenol-d6
Concen: 124.279 ng
RT: 7.459 min Scan# 710
Delta R.T. -0.003 min
Lab File: BG055132.D
Acq: 11 Oct 2022 18:41

Tgt Ion: 99 Resp: 300859
Ion Ratio Lower Upper
99 100
42 22.3 18.6 28.0
71 40.7 31.2 46.8

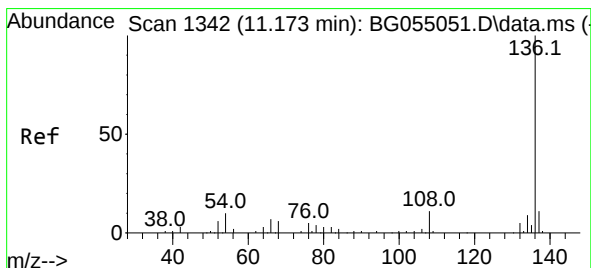
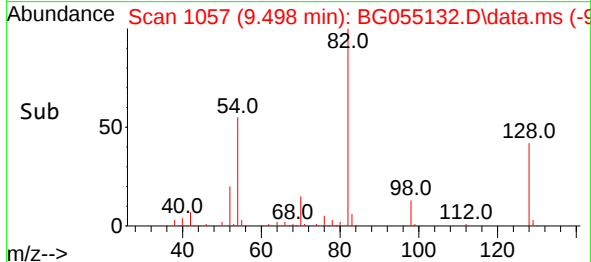
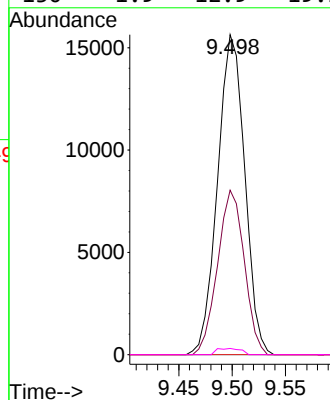
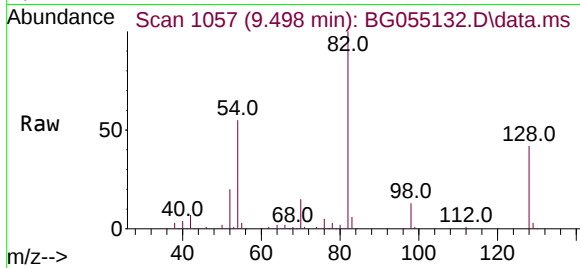




#19
n-Nitroso-di-n-propylamine
Concen: 11.800 ng
RT: 9.498 min Scan# 1057
Delta R.T. 0.361 min
Lab File: BG055132.D
Acq: 11 Oct 2022 18:41

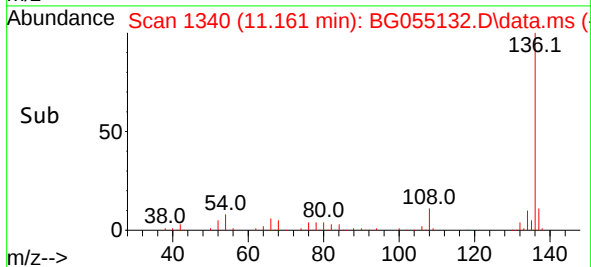
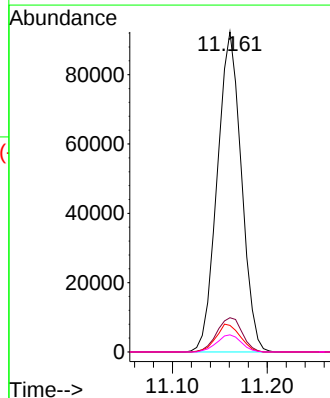
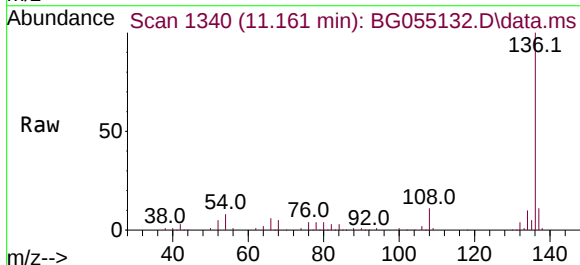
Instrument :
BNA_G
ClientSampleId :
FLORENCE-COMP-1-FLORENCE-VOC-1

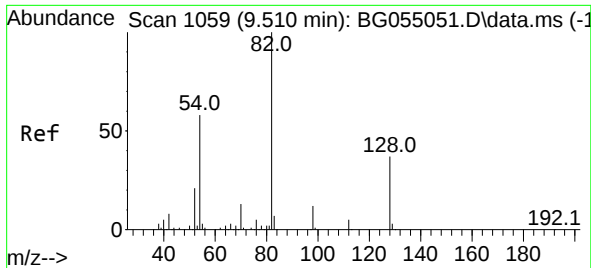
Tgt Ion: 70 Resp: 27671
Ion Ratio Lower Upper
70 100
42 51.4 55.8 83.6#
101 0.0 7.1 10.7#
130 1.9 12.9 19.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.161 min Scan# 1340
Delta R.T. -0.009 min
Lab File: BG055132.D
Acq: 11 Oct 2022 18:41

Tgt Ion:136 Resp: 163272
Ion Ratio Lower Upper
136 100
137 10.7 8.7 13.1
54 8.3 8.2 12.4
68 5.3 4.9 7.3

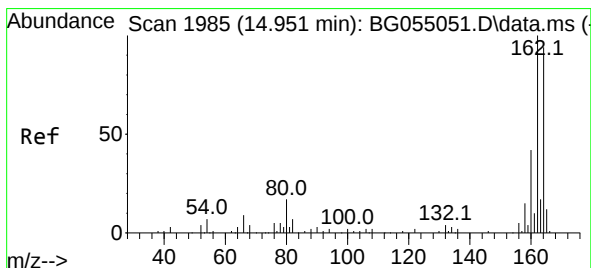
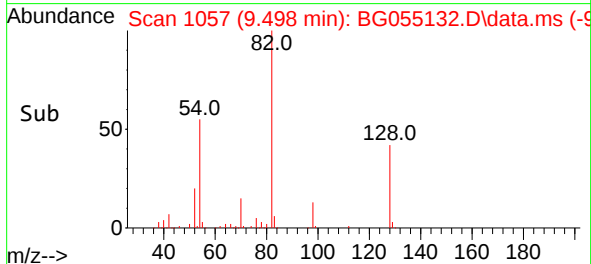
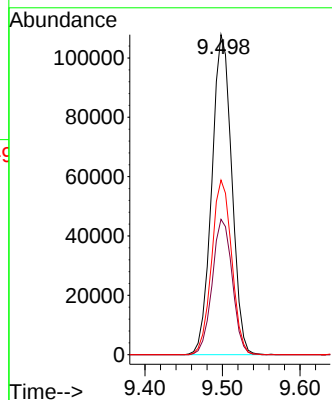
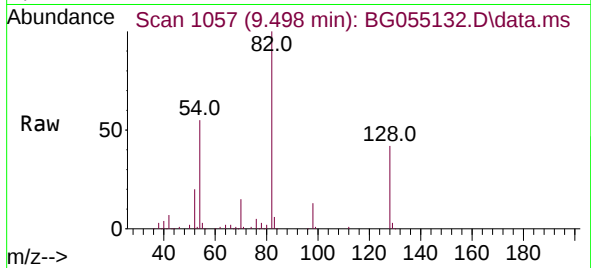




#23
Nitrobenzene-d5
Concen: 70.580 ng
RT: 9.498 min Scan# 1057
Delta R.T. -0.009 min
Lab File: BG055132.D
Acq: 11 Oct 2022 18:41

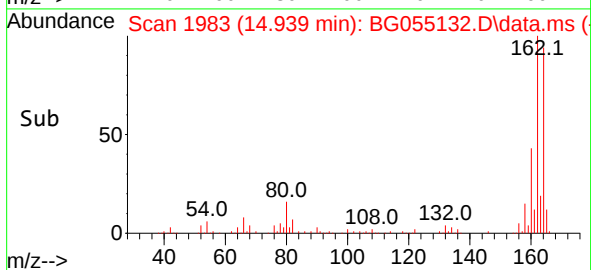
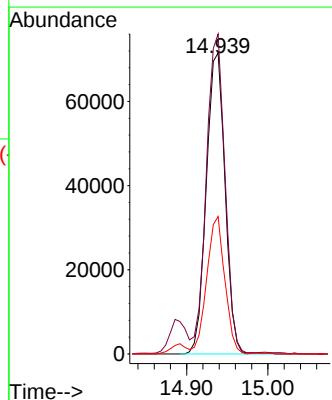
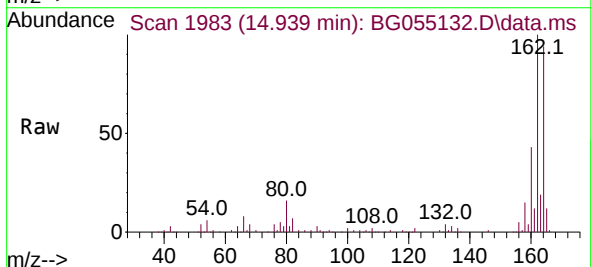
Instrument :
BNA_G
ClientSampleId :
FLORENCE-COMP-1-FLORENCE-VOC-1

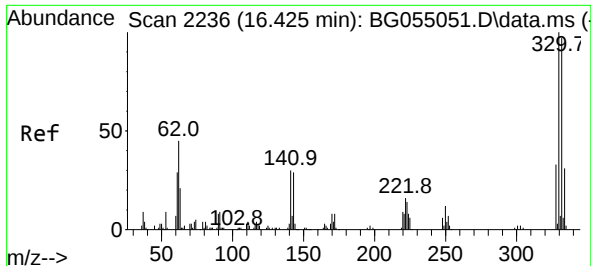
Tgt Ion: 82 Resp: 192854
Ion Ratio Lower Upper
82 100
128 42.3 29.5 44.3
54 54.6 46.7 70.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.939 min Scan# 1983
Delta R.T. -0.003 min
Lab File: BG055132.D
Acq: 11 Oct 2022 18:41

Tgt Ion:164 Resp: 114668
Ion Ratio Lower Upper
164 100
162 106.3 85.5 128.3
160 45.7 35.5 53.3

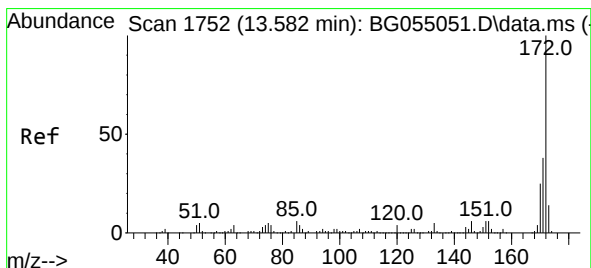
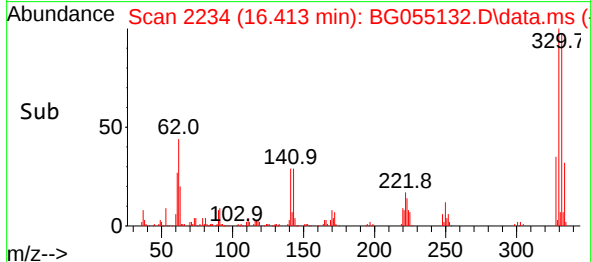
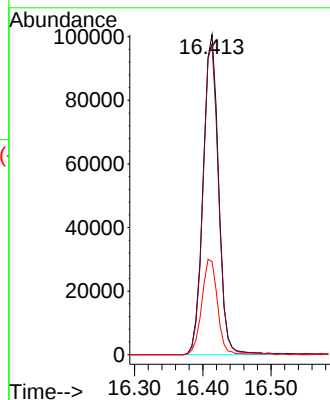
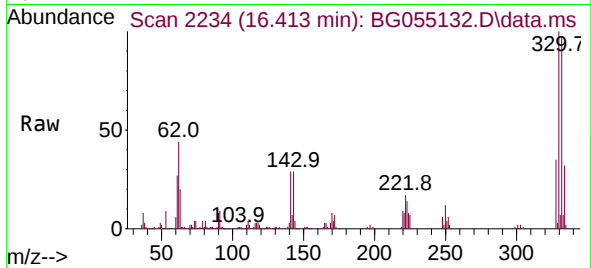




#42
2,4,6-Tribromophenol
Concen: 133.193 ng
RT: 16.413 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG055132.D
Acq: 11 Oct 2022 18:41

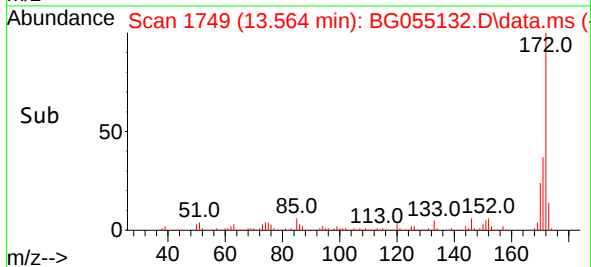
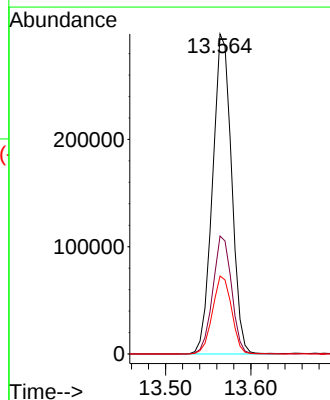
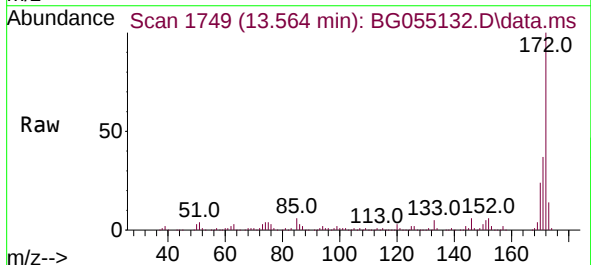
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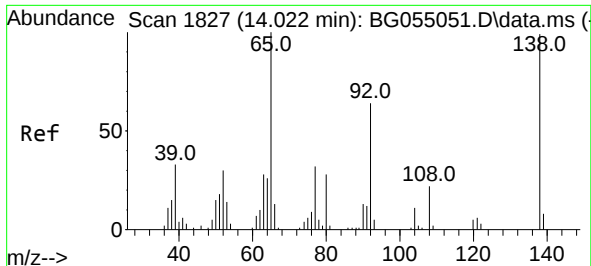
Tgt Ion:330 Resp: 158906
Ion Ratio Lower Upper
330 100
332 97.0 77.4 116.0
141 30.2 25.0 37.4



#45
2-Fluorobiphenyl
Concen: 62.804 ng
RT: 13.564 min Scan# 1749
Delta R.T. -0.009 min
Lab File: BG055132.D
Acq: 11 Oct 2022 18:41

Tgt Ion:172 Resp: 461311
Ion Ratio Lower Upper
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171 36.9 30.1 45.1
170 24.4 20.0 30.0

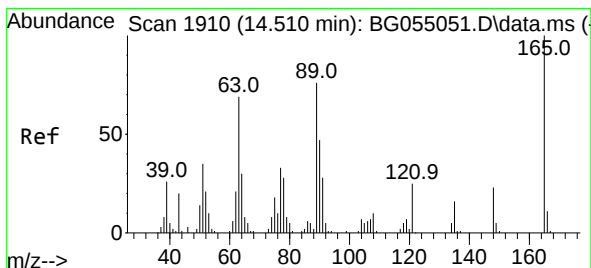
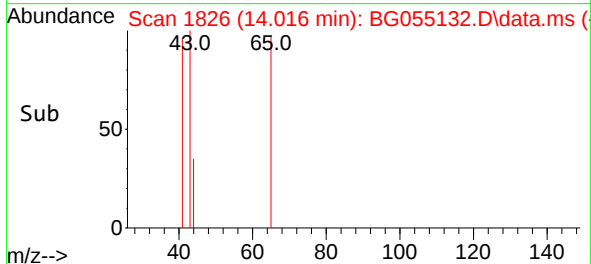
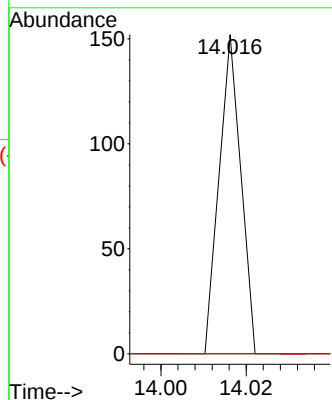
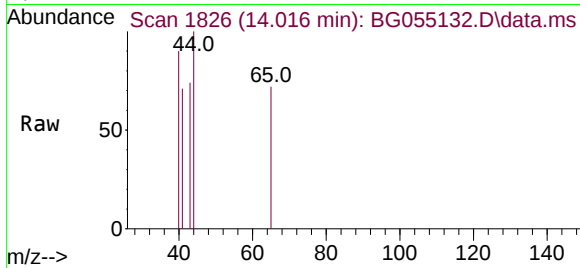




#48
2-Nitroaniline
Concen: 4.110 ng
RT: 14.016 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG055132.D
Acq: 11 Oct 2022 18:41

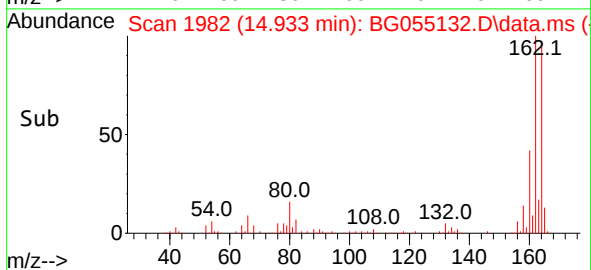
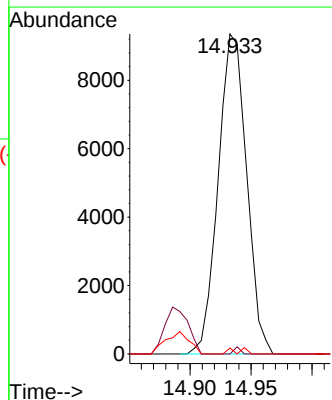
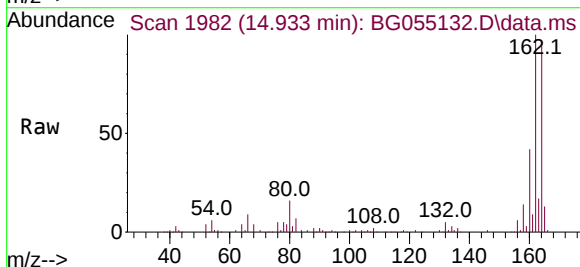
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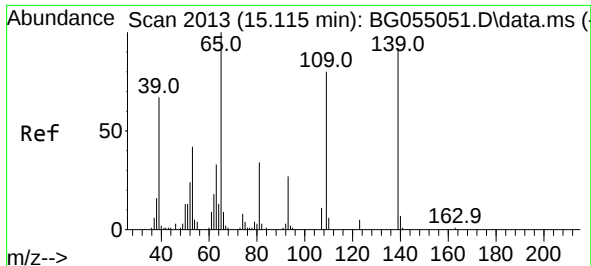
Tgt Ion: 65 Resp: 54
Ion Ratio Lower Upper
65 100
92 0.0 50.9 76.3#
138 0.0 79.5 119.3#



#51
2,6-Dinitrotoluene
Concen: 12.320 ng
RT: 14.933 min Scan# 1982
Delta R.T. 0.426 min
Lab File: BG055132.D
Acq: 11 Oct 2022 18:41

Tgt Ion:165 Resp: 15162
Ion Ratio Lower Upper
165 100
63 0.0 56.2 84.4#
89 1.8 60.4 90.6#

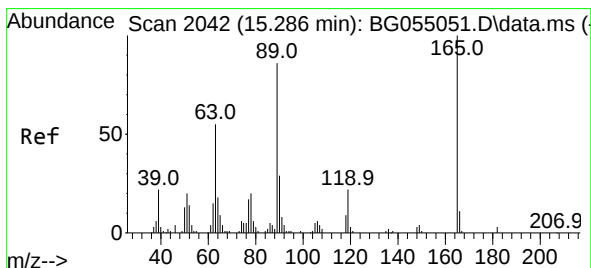
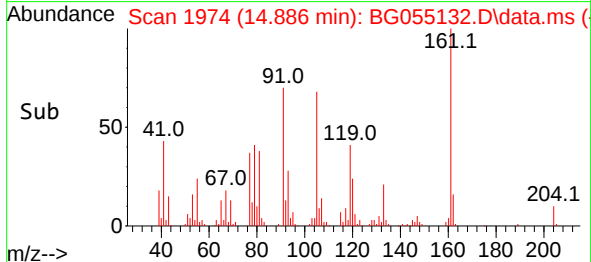
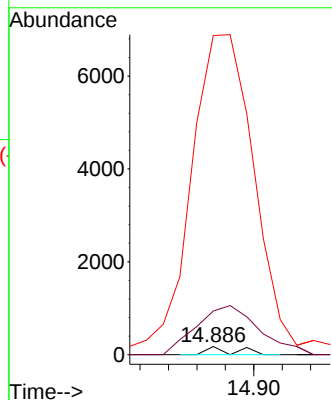
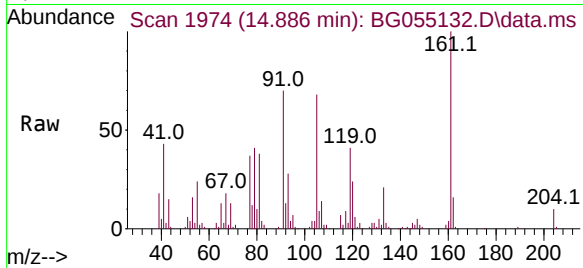




#56
4-Nitrophenol
Concen: 4.993 ng
RT: 14.886 min Scan# 1974
Delta R.T. -0.226 min
Lab File: BG055132.D
Acq: 11 Oct 2022 18:41

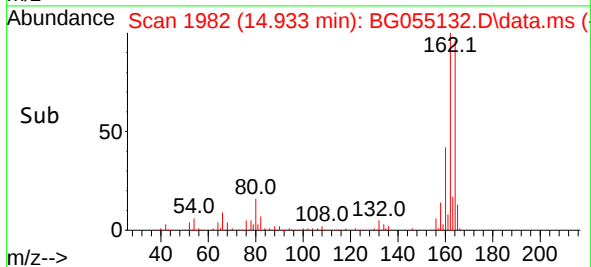
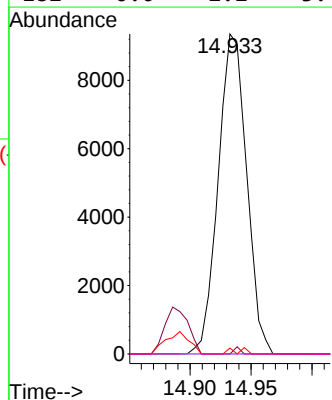
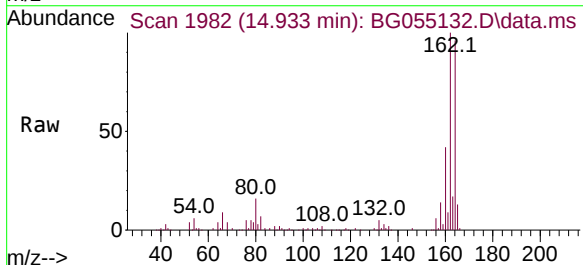
Instrument :
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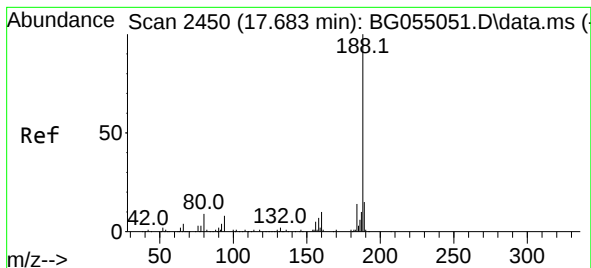
Tgt Ion:139 Resp: 116
Ion Ratio Lower Upper
139 100
109 537.7 66.6 106.6#
65 3928.6 88.5 128.5#



#57
2,4-Dinitrotoluene
Concen: 10.048 ng
RT: 14.933 min Scan# 1982
Delta R.T. -0.350 min
Lab File: BG055132.D
Acq: 11 Oct 2022 18:41

Tgt Ion:165 Resp: 15162
Ion Ratio Lower Upper
165 100
63 0.0 44.2 66.2#
89 1.8 69.0 103.6#
182 0.0 2.2 3.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.671 min Scan# 24

Delta R.T. -0.003 min

Lab File: BG055132.D

Acq: 11 Oct 2022 18:41

Instrument :

BNA_G

ClientSampleId :

FLORENCE-COMP-1-FLORENCE-VOC-1

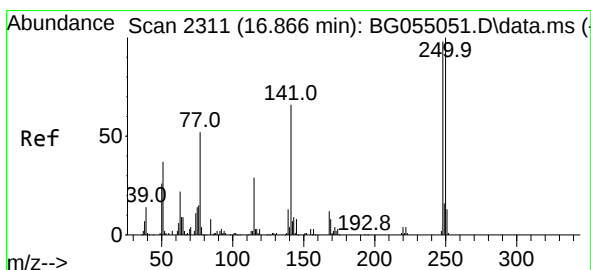
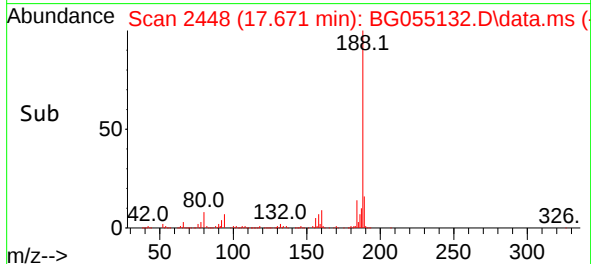
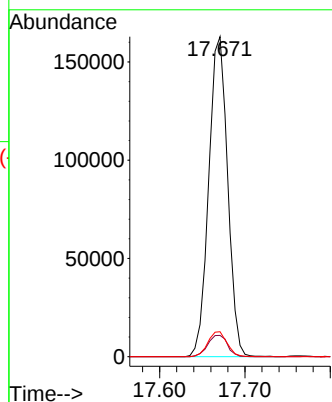
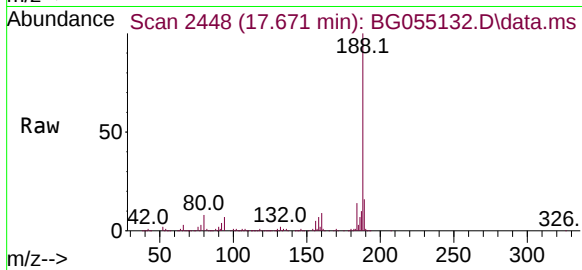
Tgt Ion:188 Resp: 250733

Ion Ratio Lower Upper

188 100

94 6.7 6.2 9.2

80 7.8 7.2 10.8



#67

4-Bromophenyl-phenylether

Concen: 3.698 ng

RT: 16.408 min Scan# 2233

Delta R.T. -0.450 min

Lab File: BG055132.D

Acq: 11 Oct 2022 18:41

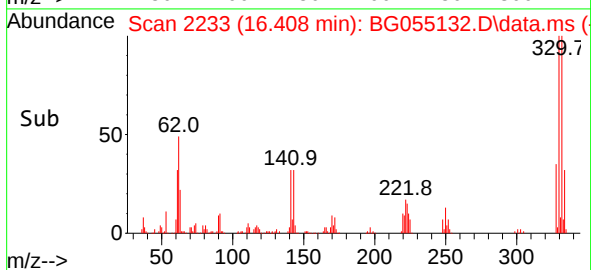
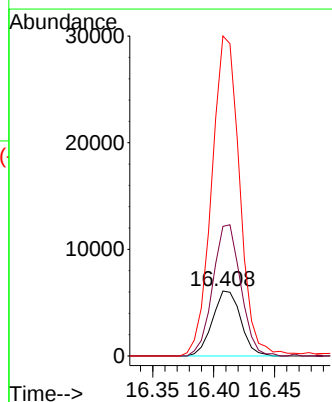
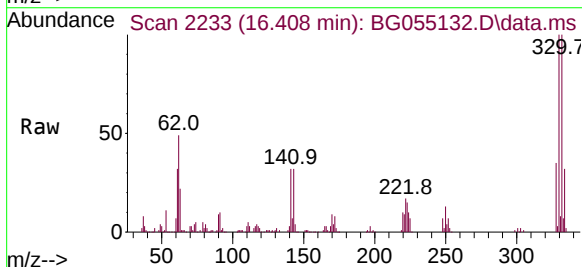
Tgt Ion:248 Resp: 9805

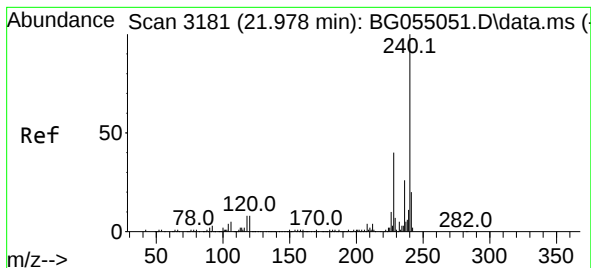
Ion Ratio Lower Upper

248 100

250 199.5 81.7 122.5#

141 492.4 53.7 80.5#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.960 min Scan# 31

Delta R.T. -0.009 min

Lab File: BG055132.D

Acq: 11 Oct 2022 18:41

Instrument :

BNA_G

ClientSampleId :

FLORENCE-COMP-1-FLORENCE-VOC-1

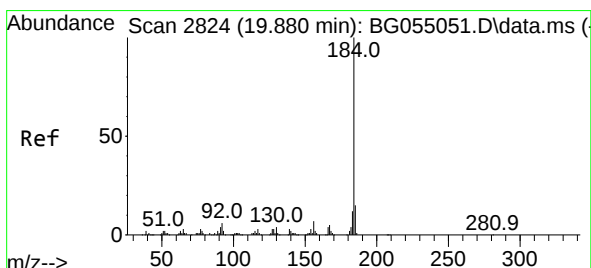
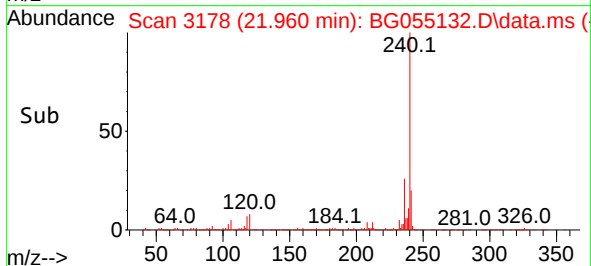
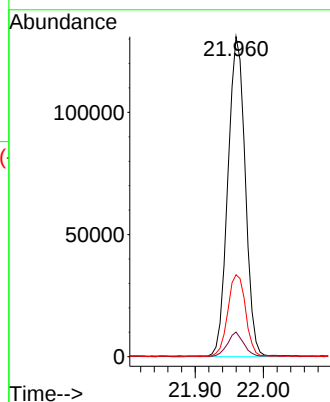
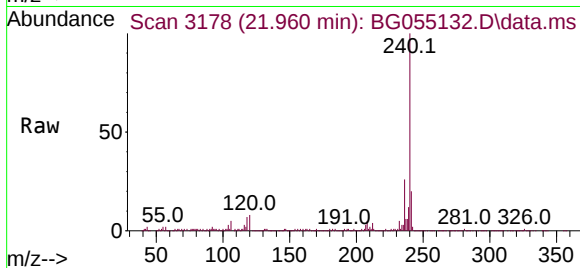
Tgt Ion:240 Resp: 231865

Ion Ratio Lower Upper

240 100

120 7.7 6.2 9.4

236 25.6 20.6 30.8



#77

Benzidine

Concen: 2.662 ng

RT: 20.244 min Scan# 2886

Delta R.T. 0.373 min

Lab File: BG055132.D

Acq: 11 Oct 2022 18:41

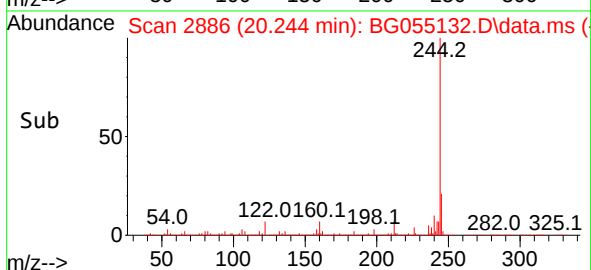
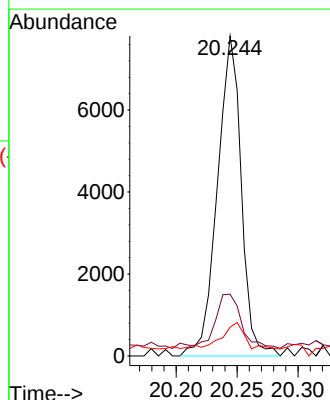
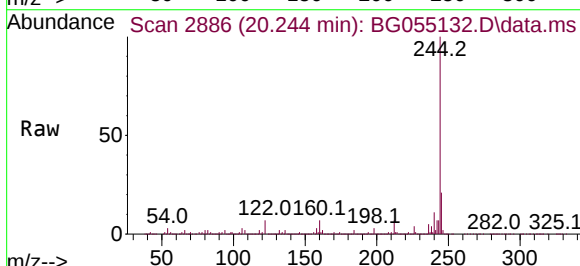
Tgt Ion:184 Resp: 10632

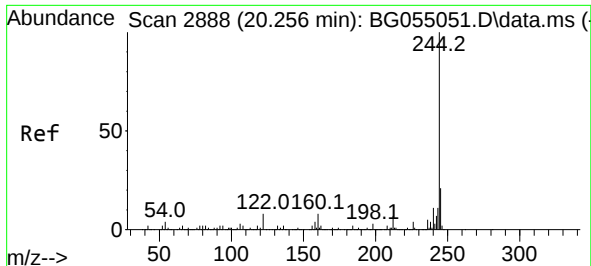
Ion Ratio Lower Upper

184 100

185 19.3 12.2 18.4#

183 9.0 9.4 14.0#

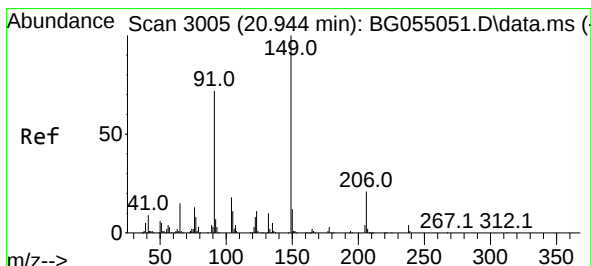
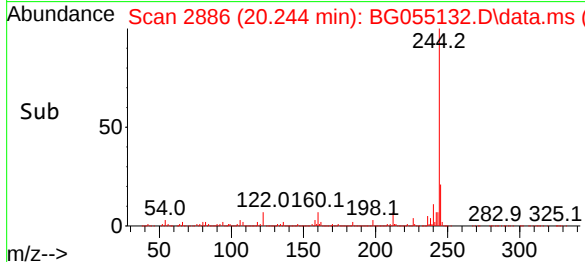
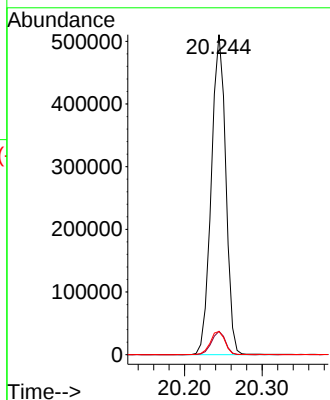
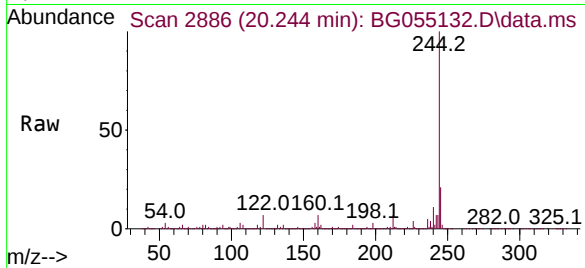




#79
 Terphenyl-d14
 Concen: 57.766 ng
 RT: 20.244 min Scan# 21
 Delta R.T. -0.009 min
 Lab File: BG055132.D
 Acq: 11 Oct 2022 18:41

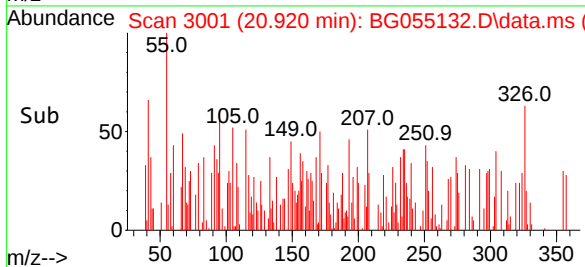
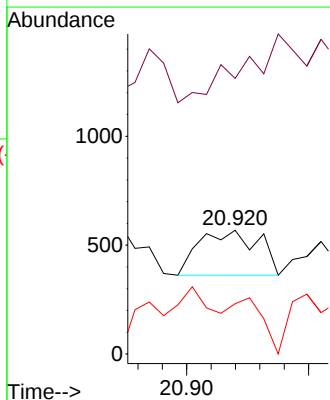
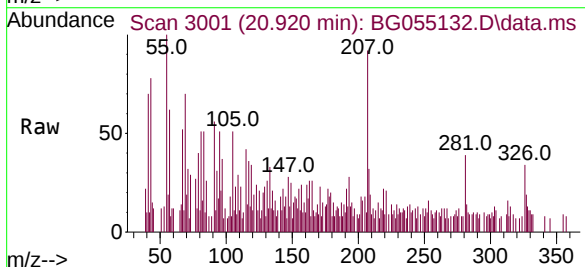
Instrument :
 BNA_G
 ClientSampleId :
 FLORENCE-COMP-1-FLORENCE-VOC-1

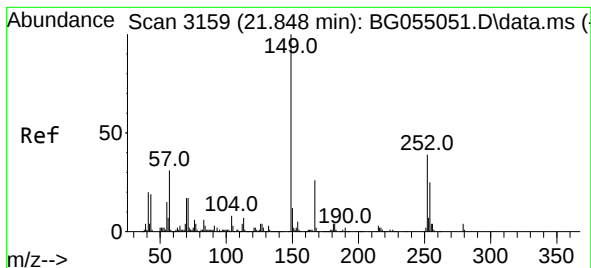
Tgt Ion:244 Resp: 662674
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.0 9.0
 122 7.3 6.6 10.0



#80
 Butylbenzylphthalate
 Concen: 4.903 ng
 RT: 20.920 min Scan# 3001
 Delta R.T. -0.015 min
 Lab File: BG055132.D
 Acq: 11 Oct 2022 18:41

Tgt Ion:149 Resp: 347
 Ion Ratio Lower Upper
 149 100
 91 222.9 57.8 86.8#
 206 40.7 16.9 25.3#





#84

Bis(2-ethylhexyl)phthalate

Concen: 4.276 ng

RT: 21.813 min Scan# 3153

Delta R.T. -0.021 min

Lab File: BG055132.D

Acq: 11 Oct 2022 18:41

Instrument :

BNA_G

ClientSampleId :

FLORENCE-COMP-1-FLORENCE-VOC-1

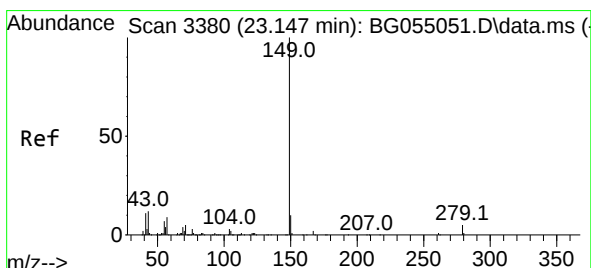
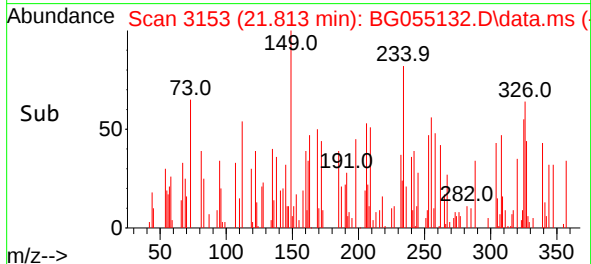
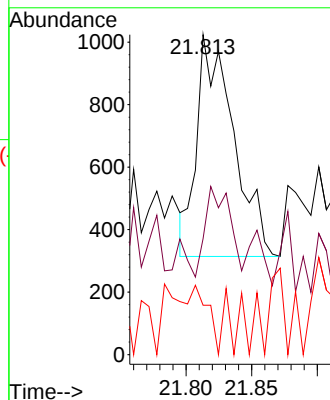
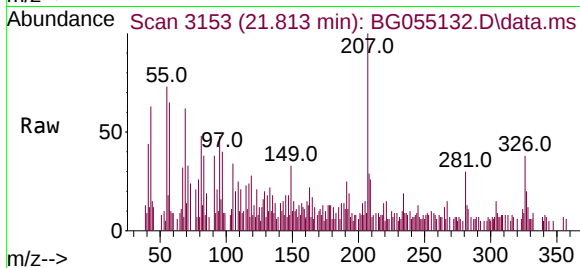
Tgt Ion:149 Resp: 1381

Ion Ratio Lower Upper

149 100

167 36.2 21.0 31.4#

279 15.4 3.4 5.2#



#85

Di-n-octyl phthalate

Concen: 4.358 ng

RT: 23.111 min Scan# 3374

Delta R.T. -0.015 min

Lab File: BG055132.D

Acq: 11 Oct 2022 18:41

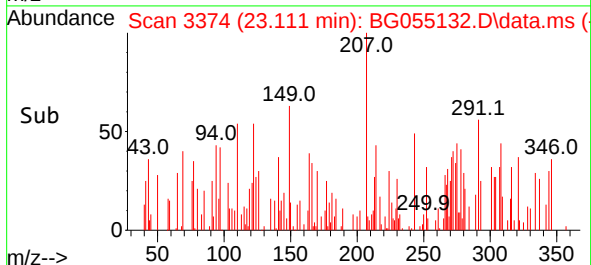
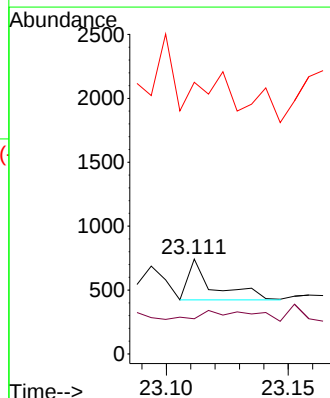
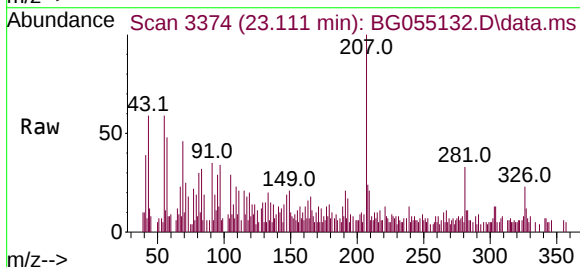
Tgt Ion:149 Resp: 233

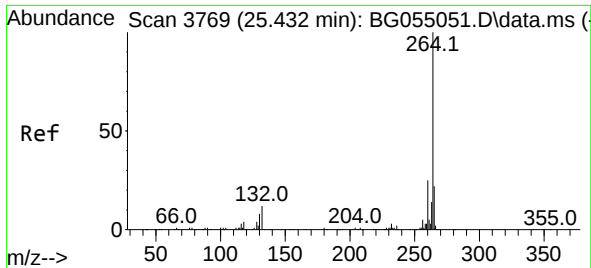
Ion Ratio Lower Upper

149 100

167 51.5 1.3 1.9#

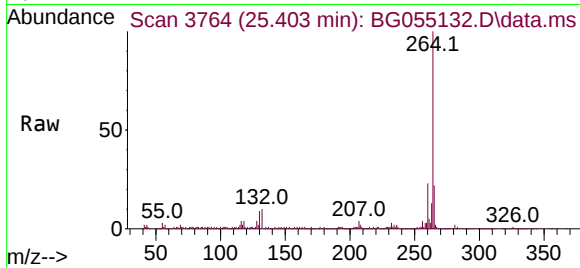
43 0.0 10.2 15.4#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.403 min Scan# 31
 Delta R.T. -0.015 min
 Lab File: BG055132.D
 Acq: 11 Oct 2022 18:41

Instrument :
 BNA_G
 ClientSampleId :
 FLORENCE-COMP-1-FLORENCE-VOC-1



Tgt Ion:264 Resp: 255585
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.7 29.5
 265 22.2 17.8 26.6

