

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100722\
 Data File : BG055100.D
 Acq On : 7 Oct 2022 15:26
 Operator : CG/JU
 Sample : N5046-11
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 R-11

Quant Time: Oct 08 03:09:52 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)

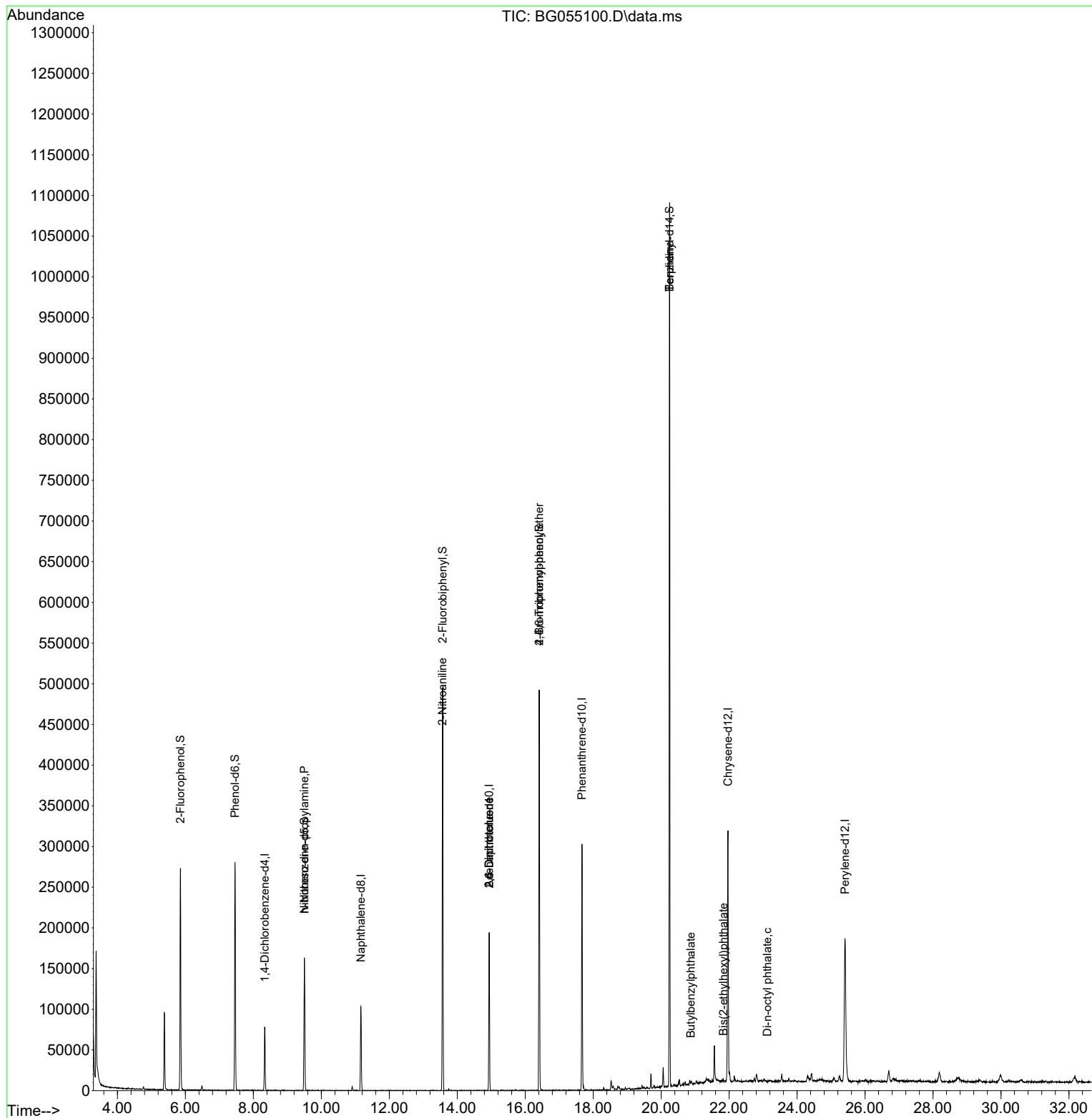
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.335	152	22034	20.000	ng	0.00
21) Naphthalene-d8	11.167	136	90146	20.000	ng	0.00
39) Acenaphthene-d10	14.939	164	69161	20.000	ng	0.00
64) Phenanthrene-d10	17.671	188	194650	20.000	ng	0.00
76) Chrysene-d12	21.966	240	202648	20.000	ng	# 0.00
86) Perylene-d12	25.409	264	216461	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.856	112	114171	115.090	ng	0.00
7) Phenol-d6	7.460	99	153173	103.053	ng	0.00
23) Nitrobenzene-d5	9.504	82	96329	63.853	ng	0.00
42) 2,4,6-Tribromophenol	16.414	330	99932	138.607	ng	0.00
45) 2-Fluorobiphenyl	13.570	172	247684	55.908	ng	0.00
79) Terphenyl-d14	20.250	244	563675	56.220	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.504	70	13924	9.671	ng	# 75
48) 2-Nitroaniline	13.564	65	467	4.479	ng	# 11
51) 2,6-Dinitrotoluene	14.939	165	9380	12.547	ng	# 13
57) 2,4-Dinitrotoluene	14.939	165	9380	10.214	ng	# 15
67) 4-Bromophenyl-phenylether	16.414	248	6167	2.996	ng	# 1
77) Benzidine	20.250	184	8451	2.421	ng	# 85
80) Butylbenzylphthalate	20.873	149	53	4.850	ng	# 23
84) Bis(2-ethylhexyl)phtha...	21.831	149	787	4.215	ng	# 65
85) Di-n-octyl phthalate	23.129	149	238	4.361	ng	# 7

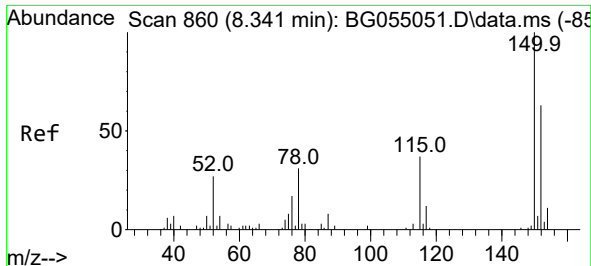
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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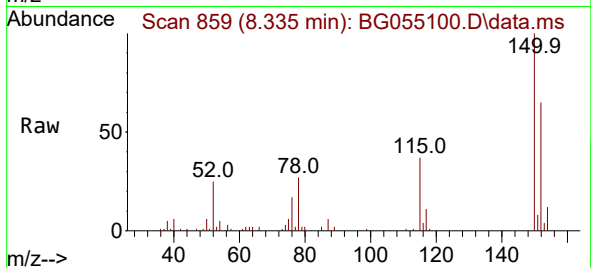
Quant Time: Oct 08 03:09:52 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100322.M
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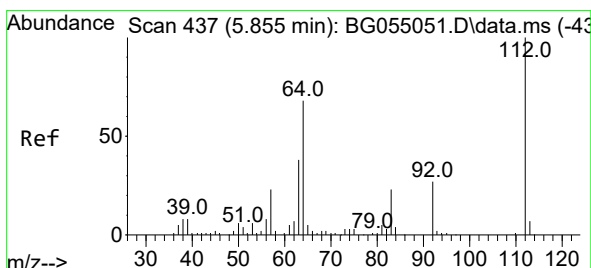
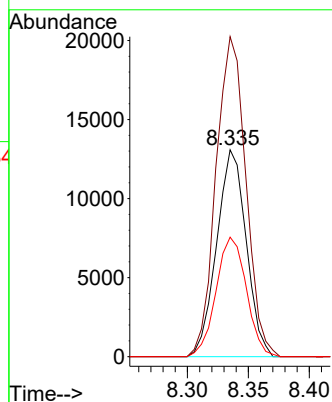
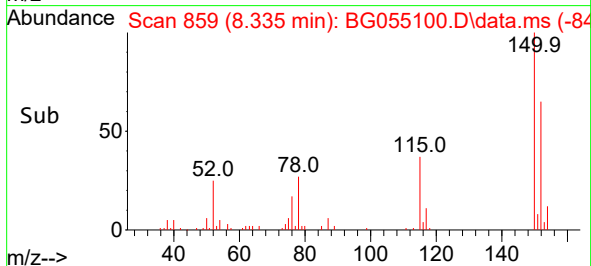


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.335 min Scan# 8
Delta R.T. -0.003 min
Lab File: BG055100.D
Acq: 7 Oct 2022 15:26

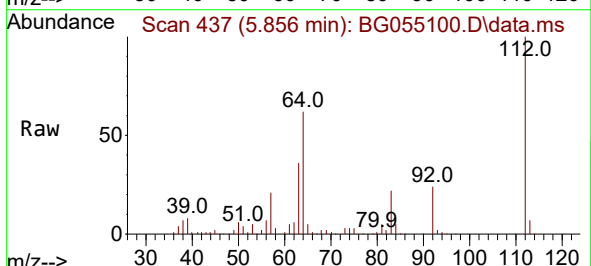
Instrument :
BNA_G
ClientSampleId :
R-11



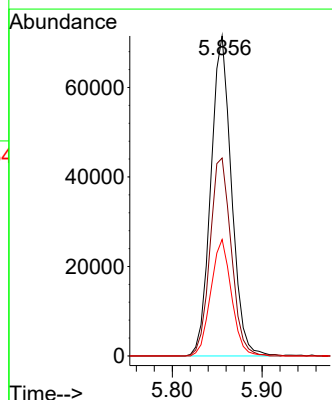
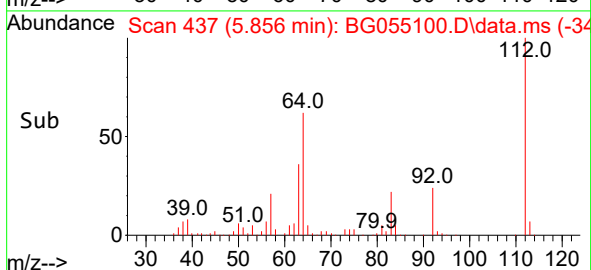
Tgt Ion:152 Resp: 22034
Ion Ratio Lower Upper
152 100
150 154.7 128.0 192.0
115 57.8 47.7 71.5

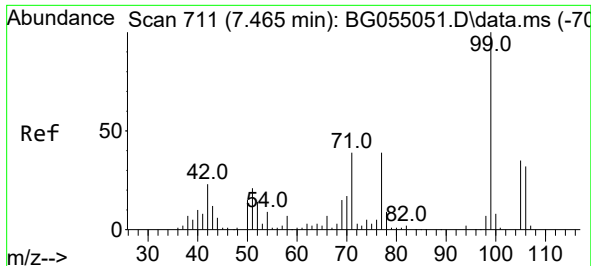


#5
2-Fluorophenol
Concen: 115.090 ng
RT: 5.856 min Scan# 437
Delta R.T. 0.003 min
Lab File: BG055100.D
Acq: 7 Oct 2022 15:26



Tgt Ion:112 Resp: 114171
Ion Ratio Lower Upper
112 100
64 61.9 54.5 81.7
63 36.4 30.5 45.7

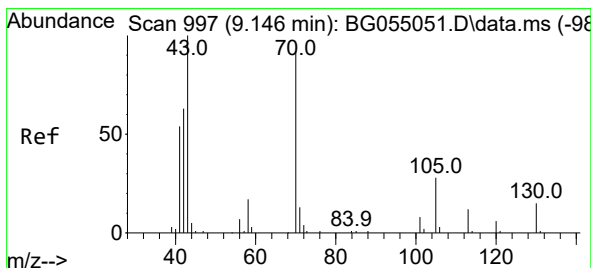
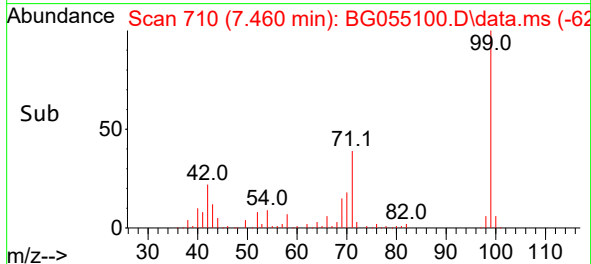
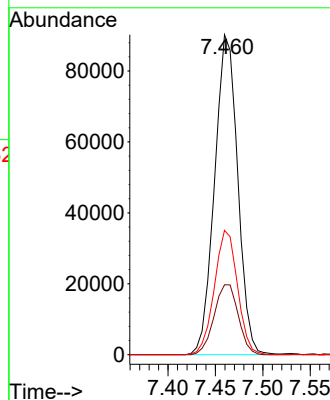
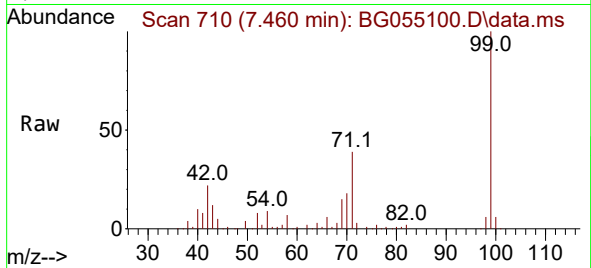




#7
Phenol-d6
Concen: 103.053 ng
RT: 7.460 min Scan# 711
Delta R.T. -0.003 min
Lab File: BG055100.D
Acq: 7 Oct 2022 15:26

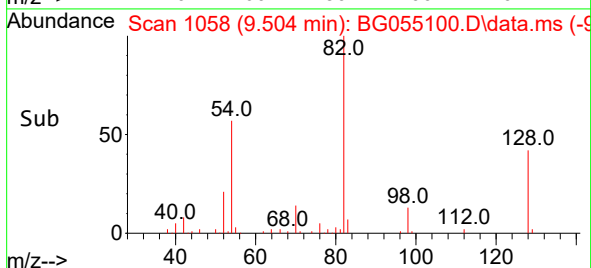
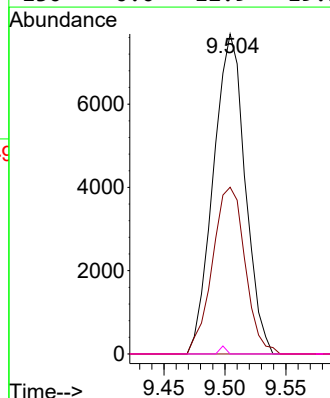
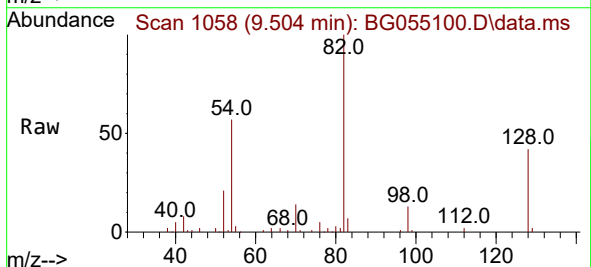
Instrument :
BNA_G
ClientSampleId :
R-11

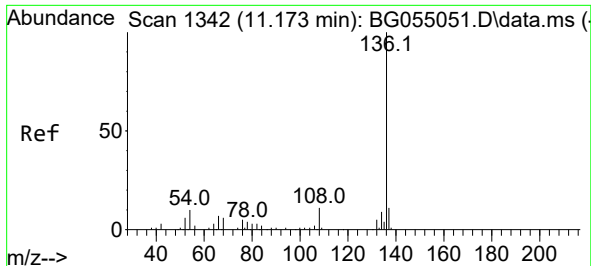
Tgt Ion: 99 Resp: 153173
Ion Ratio Lower Upper
99 100
42 21.8 18.6 28.0
71 38.9 31.2 46.8



#19
n-Nitroso-di-n-propylamine
Concen: 9.671 ng
RT: 9.504 min Scan# 1058
Delta R.T. 0.367 min
Lab File: BG055100.D
Acq: 7 Oct 2022 15:26

Tgt Ion: 70 Resp: 13924
Ion Ratio Lower Upper
70 100
42 52.1 55.8 83.6#
101 0.0 7.1 10.7#
130 0.0 12.9 19.3#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.167 min Scan# 11

Delta R.T. -0.003 min

Lab File: BG055100.D

Acq: 7 Oct 2022 15:26

Instrument :

BNA_G

ClientSampleId :

R-11

Tgt Ion:136 Resp: 90146

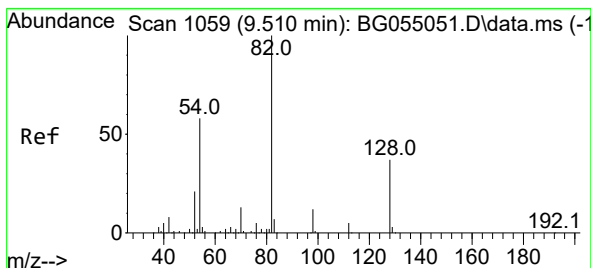
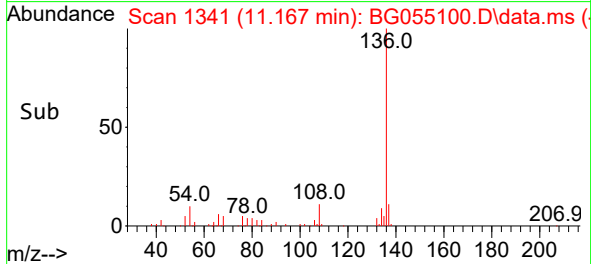
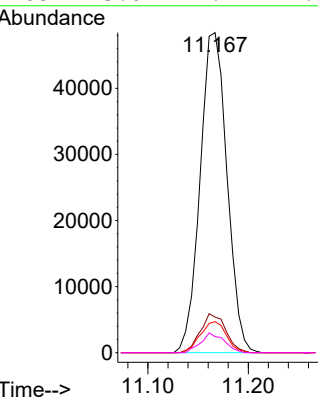
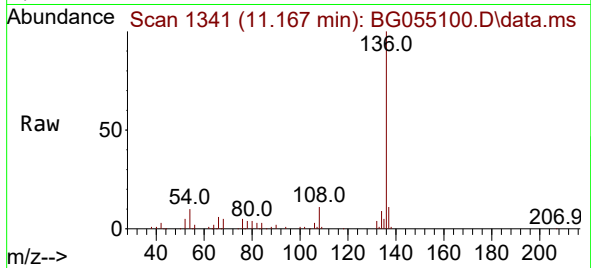
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 9.7 8.2 12.4

68 5.0 4.9 7.3



#23

Nitrobenzene-d5

Concen: 63.853 ng

RT: 9.504 min Scan# 1058

Delta R.T. -0.003 min

Lab File: BG055100.D

Acq: 7 Oct 2022 15:26

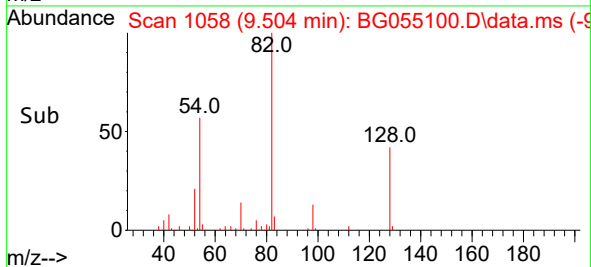
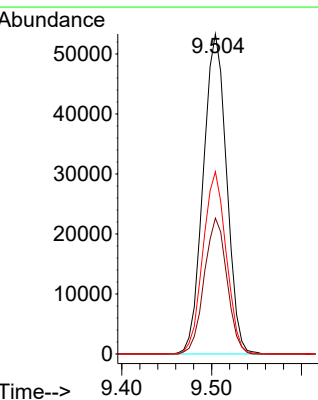
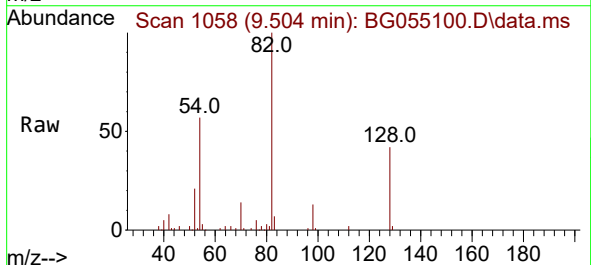
Tgt Ion: 82 Resp: 96329

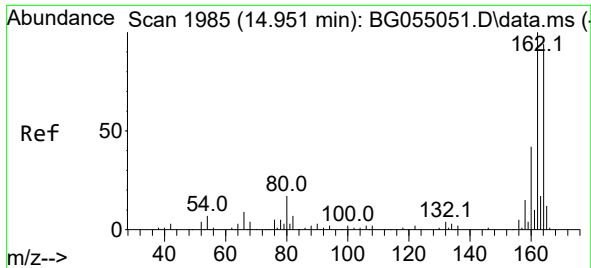
Ion Ratio Lower Upper

82 100

128 42.4 29.5 44.3

54 56.9 46.7 70.1

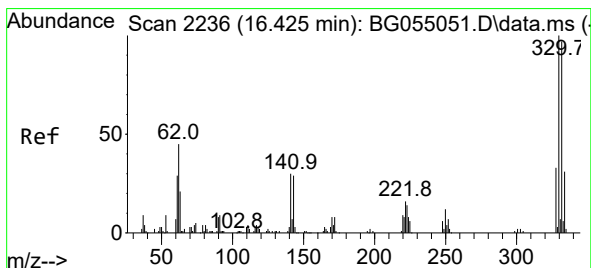
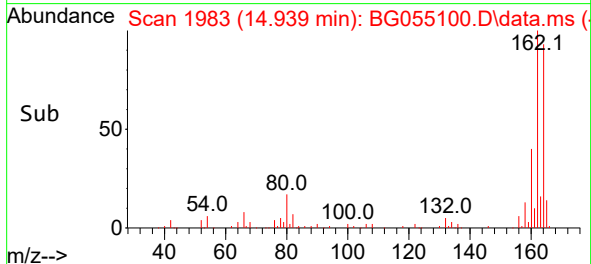
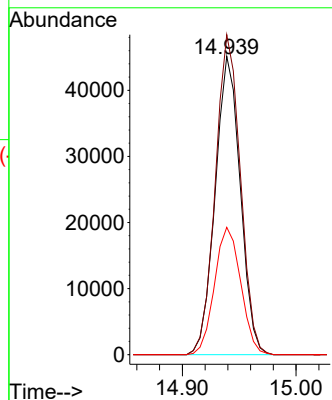
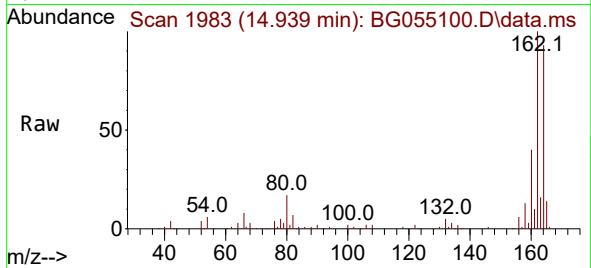




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.939 min Scan# 1983
Delta R.T. -0.003 min
Lab File: BG055100.D
Acq: 7 Oct 2022 15:26

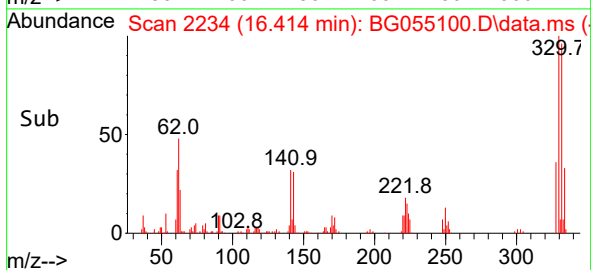
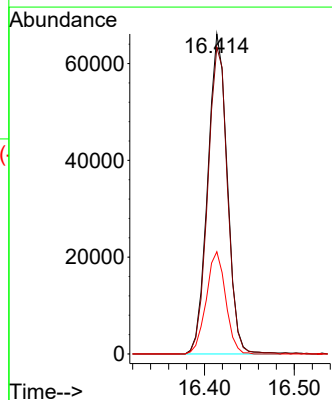
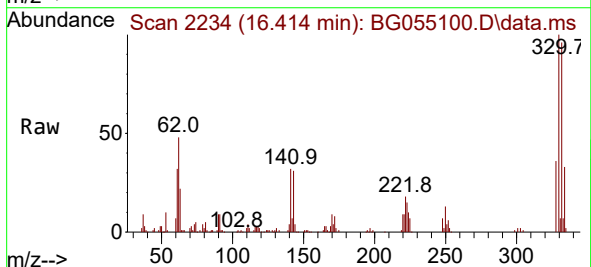
Instrument :
BNA_G
ClientSampleId :
R-11

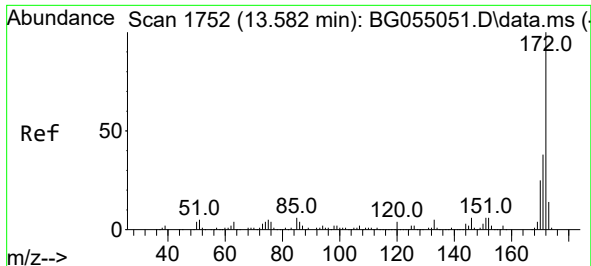
Tgt Ion:164 Resp: 69161
Ion Ratio Lower Upper
164 100
162 107.2 85.5 128.3
160 42.7 35.5 53.3



#42
2,4,6-Tribromophenol
Concen: 138.607 ng
RT: 16.414 min Scan# 2234
Delta R.T. -0.003 min
Lab File: BG055100.D
Acq: 7 Oct 2022 15:26

Tgt Ion:330 Resp: 99932
Ion Ratio Lower Upper
330 100
332 96.6 77.4 116.0
141 31.7 25.0 37.4

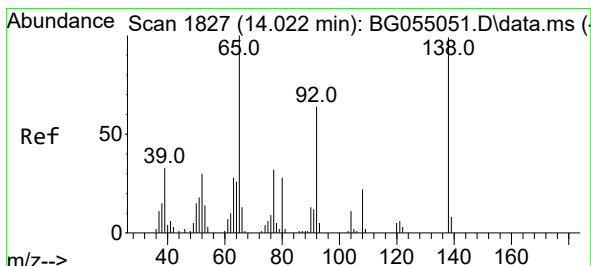
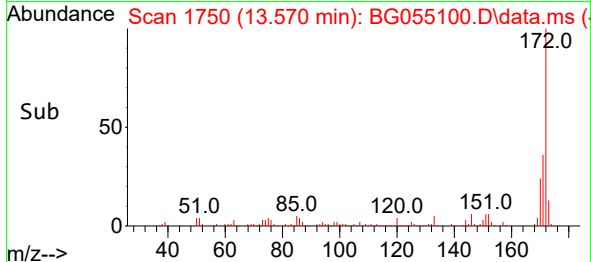
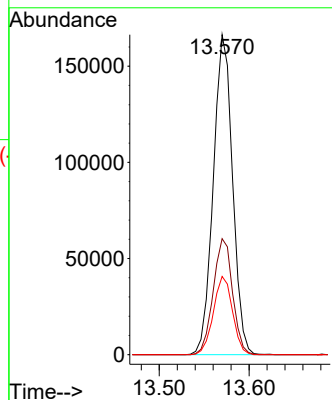
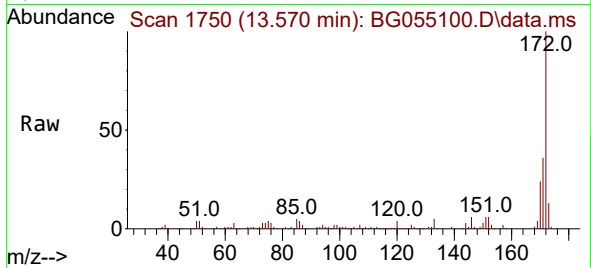




#45
2-Fluorobiphenyl
Concen: 55.908 ng
RT: 13.570 min Scan# 1749
Delta R.T. -0.003 min
Lab File: BG055100.D
Acq: 7 Oct 2022 15:26

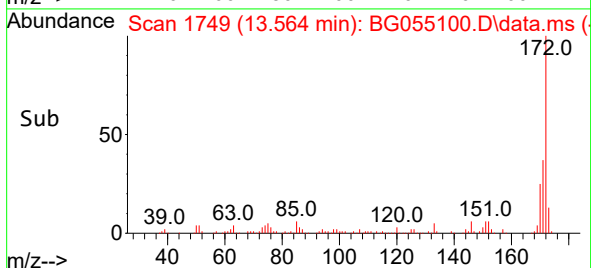
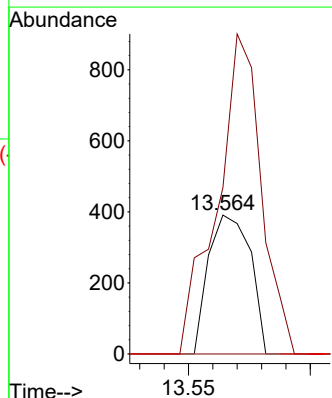
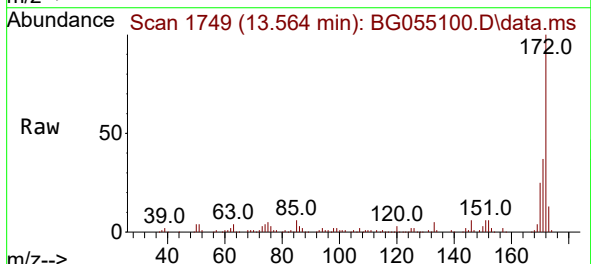
Instrument :
BNA_G
ClientSampleId :
R-11

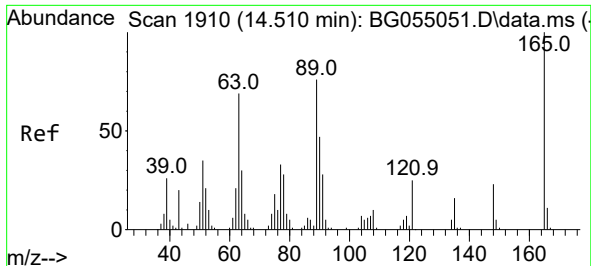
Tgt Ion:172 Resp: 247684
Ion Ratio Lower Upper
172 100
171 36.2 30.1 45.1
170 24.5 20.0 30.0



#48
2-Nitroaniline
Concen: 4.479 ng
RT: 13.564 min Scan# 1749
Delta R.T. -0.455 min
Lab File: BG055100.D
Acq: 7 Oct 2022 15:26

Tgt Ion: 65 Resp: 467
Ion Ratio Lower Upper
65 100
92 119.7 50.9 76.3#
138 0.0 79.5 119.3#

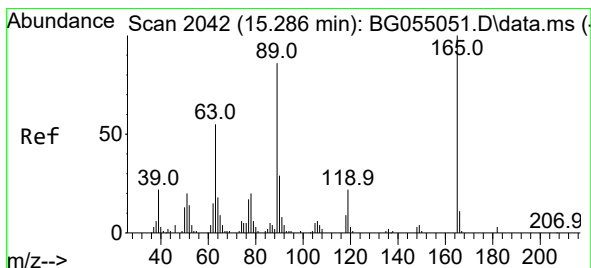
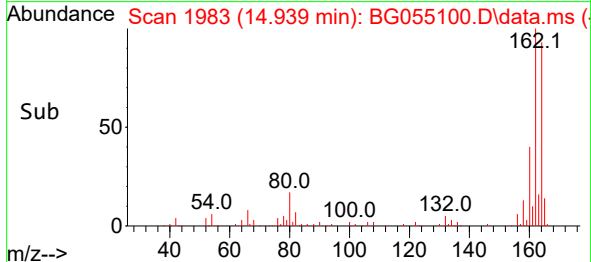
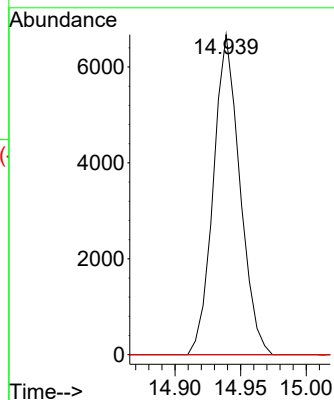
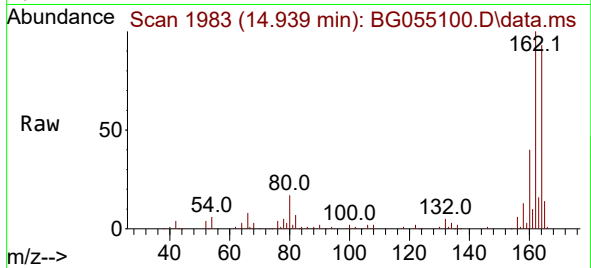




#51
2,6-Dinitrotoluene
Concen: 12.547 ng
RT: 14.939 min Scan# 1910
Delta R.T. 0.432 min
Lab File: BG055100.D
Acq: 7 Oct 2022 15:26

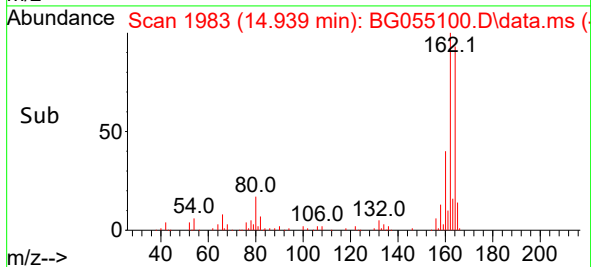
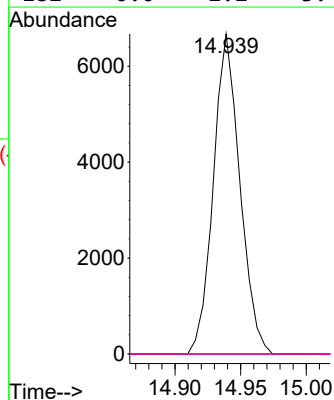
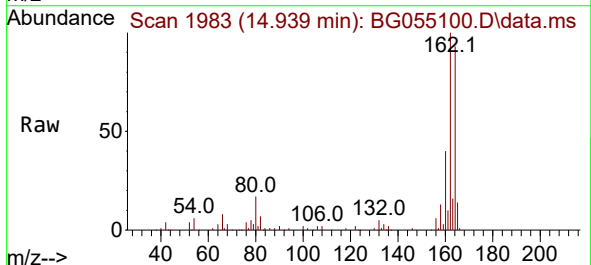
Instrument :
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R-11

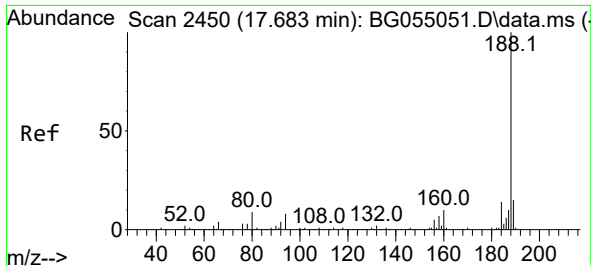
Tgt Ion:165 Resp: 9380
Ion Ratio Lower Upper
165 100
63 0.0 56.2 84.4#
89 0.0 60.4 90.6#



#57
2,4-Dinitrotoluene
Concen: 10.214 ng
RT: 14.939 min Scan# 1983
Delta R.T. -0.344 min
Lab File: BG055100.D
Acq: 7 Oct 2022 15:26

Tgt Ion:165 Resp: 9380
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#

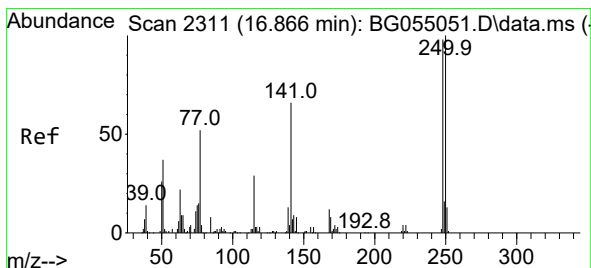
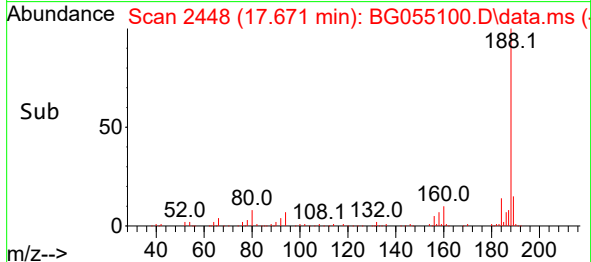
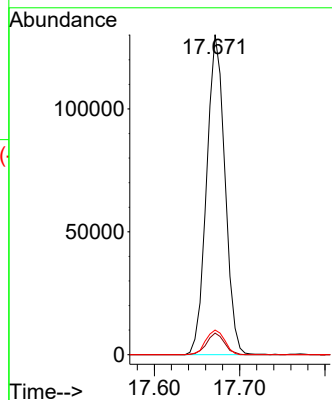
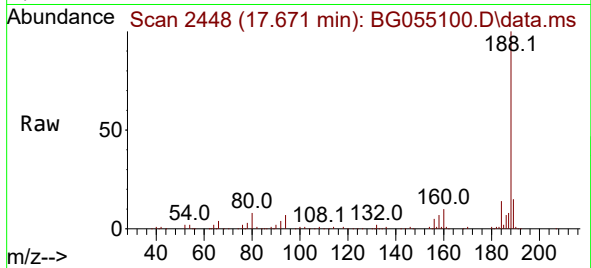




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.671 min Scan# 24
Delta R.T. -0.003 min
Lab File: BG055100.D
Acq: 7 Oct 2022 15:26

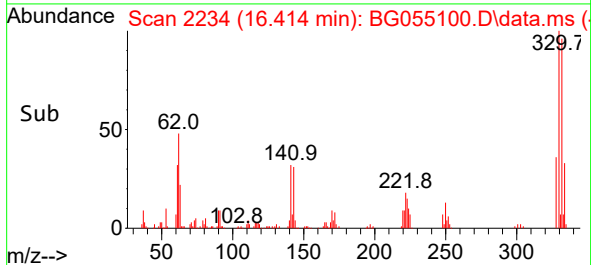
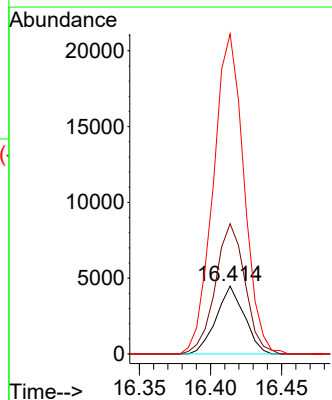
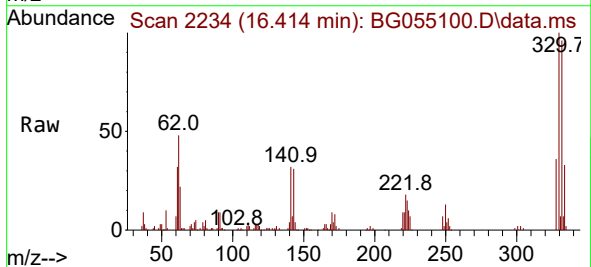
Instrument :
BNA_G
ClientSampleId :
R-11

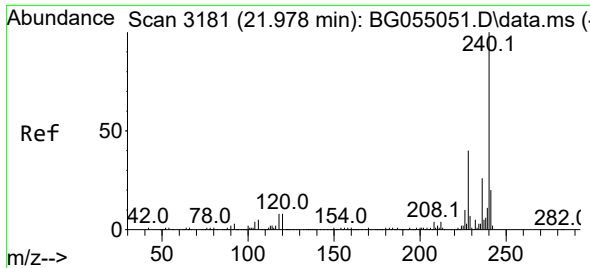
Tgt Ion:188 Resp: 194650
Ion Ratio Lower Upper
188 100
94 6.8 6.2 9.2
80 7.7 7.2 10.8



#67
4-Bromophenyl-phenylether
Concen: 2.996 ng
RT: 16.414 min Scan# 2234
Delta R.T. -0.443 min
Lab File: BG055100.D
Acq: 7 Oct 2022 15:26

Tgt Ion:248 Resp: 6167
Ion Ratio Lower Upper
248 100
250 192.0 81.7 122.5#
141 471.8 53.7 80.5#

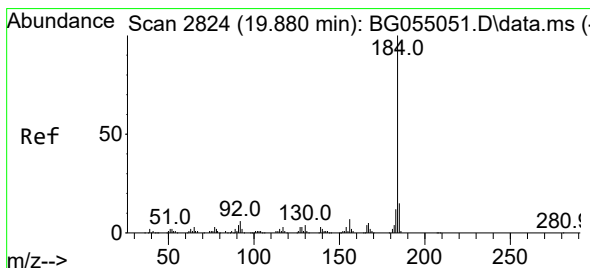
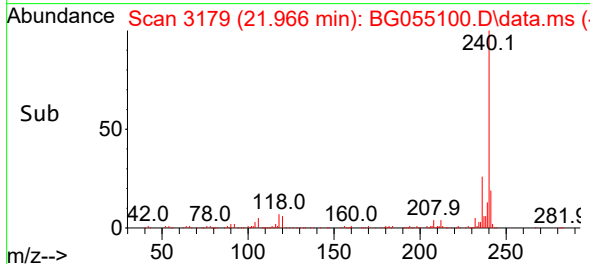
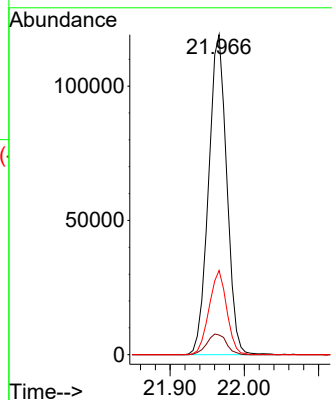
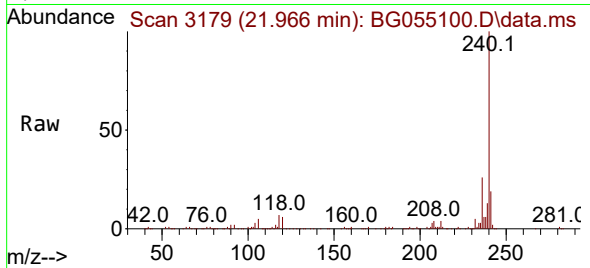




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.966 min Scan# 3181
Delta R.T. -0.003 min
Lab File: BG055100.D
Acq: 7 Oct 2022 15:26

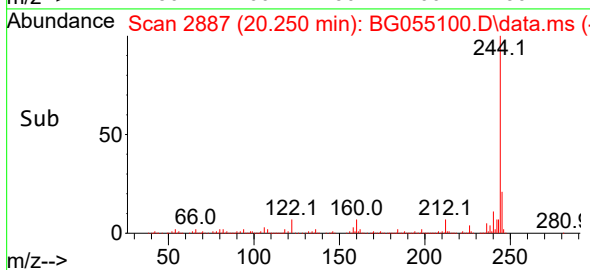
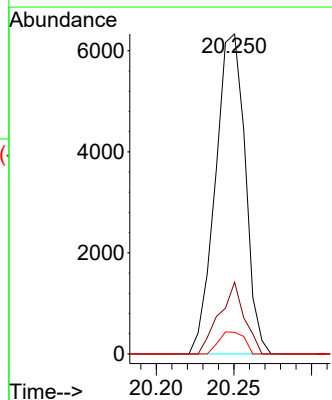
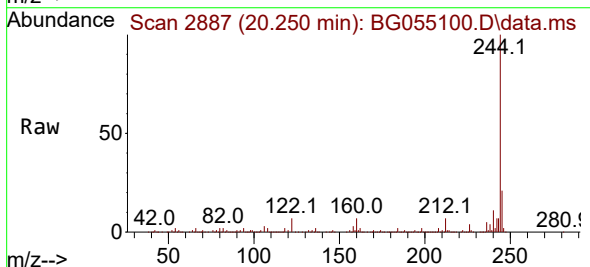
Instrument :
BNA_G
ClientSampleId :
R-11

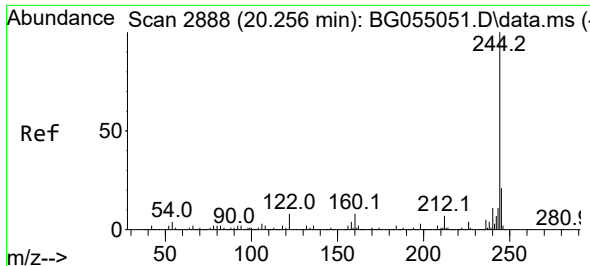
Tgt Ion:240 Resp: 202648
Ion Ratio Lower Upper
240 100
120 6.1 6.2 9.4#
236 26.3 20.6 30.8



#77
Benzidine
Concen: 2.421 ng
RT: 20.250 min Scan# 2887
Delta R.T. 0.379 min
Lab File: BG055100.D
Acq: 7 Oct 2022 15:26

Tgt Ion:184 Resp: 8451
Ion Ratio Lower Upper
184 100
185 22.5 12.2 18.4#
183 6.8 9.4 14.0#

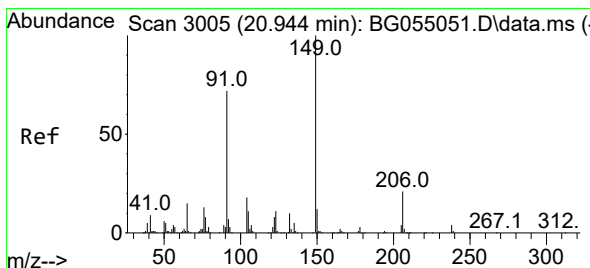
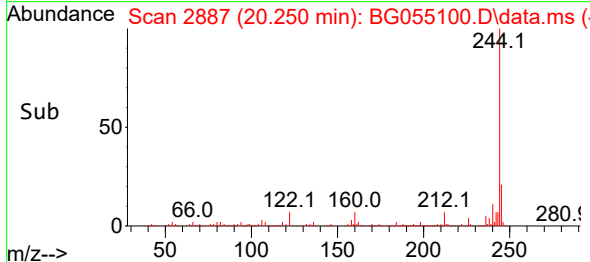
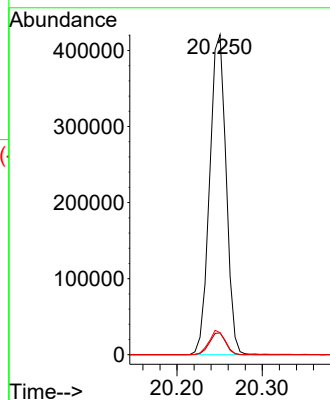
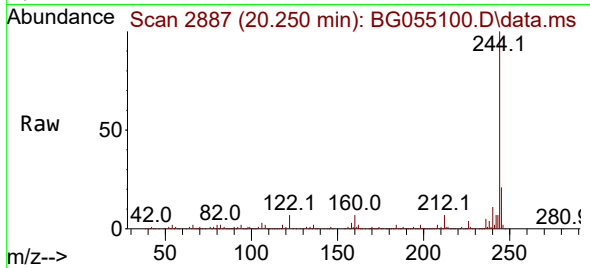




#79
 Terphenyl-d14
 Concen: 56.220 ng
 RT: 20.250 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: BG055100.D
 Acq: 7 Oct 2022 15:26

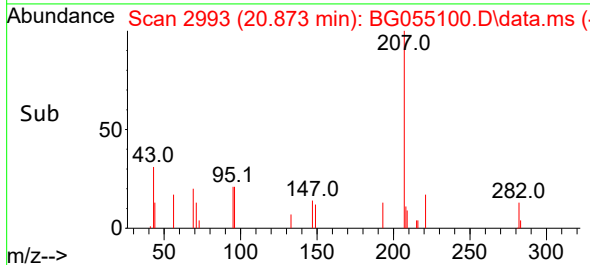
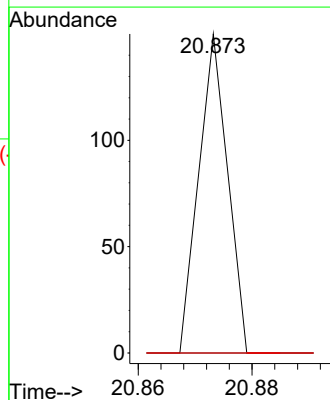
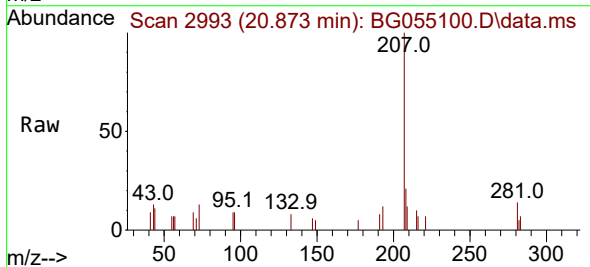
Instrument :
 BNA_G
 ClientSampleId :
 R-11

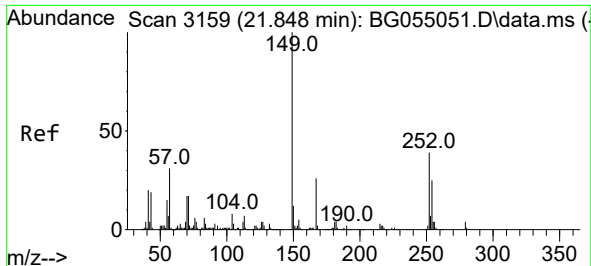
Tgt Ion:244 Resp: 563675
 Ion Ratio Lower Upper
 244 100
 212 6.8 6.0 9.0
 122 6.9 6.6 10.0



#80
 Butylbenzylphthalate
 Concen: 4.850 ng
 RT: 20.873 min Scan# 2993
 Delta R.T. -0.062 min
 Lab File: BG055100.D
 Acq: 7 Oct 2022 15:26

Tgt Ion:149 Resp: 53
 Ion Ratio Lower Upper
 149 100
 91 0.0 57.8 86.8#
 206 0.0 16.9 25.3#

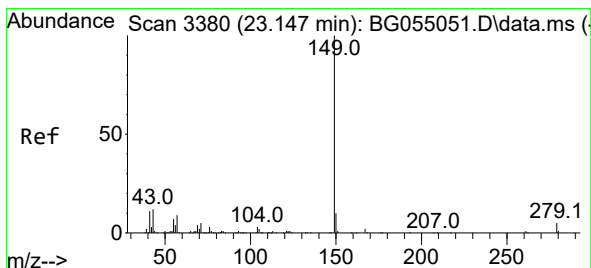
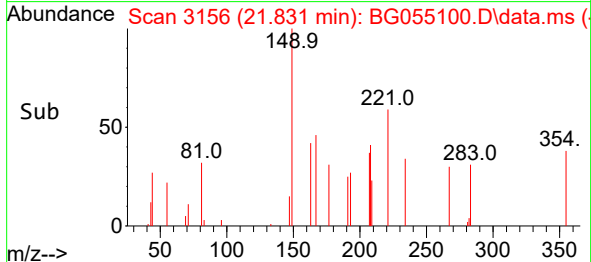
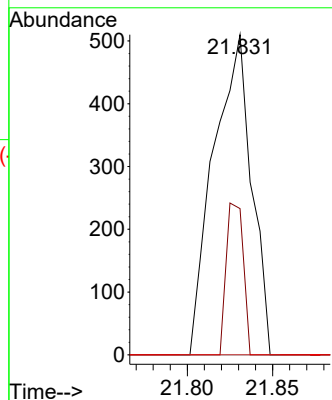
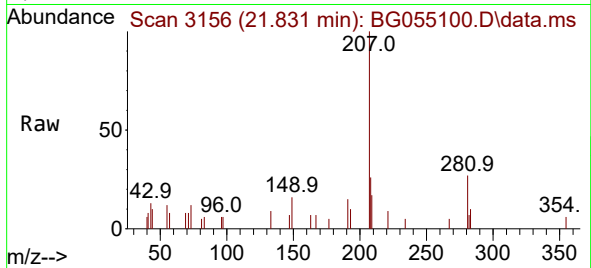




#84
Bis(2-ethylhexyl)phthalate
Concen: 4.215 ng
RT: 21.831 min Scan# 3156
Delta R.T. -0.003 min
Lab File: BG055100.D
Acq: 7 Oct 2022 15:26

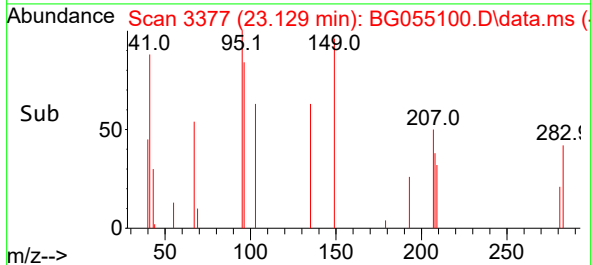
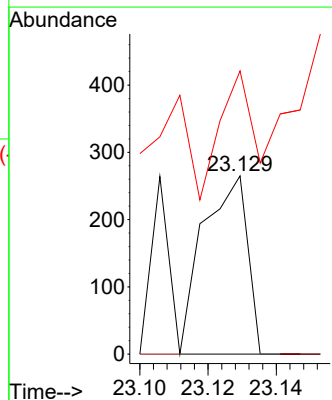
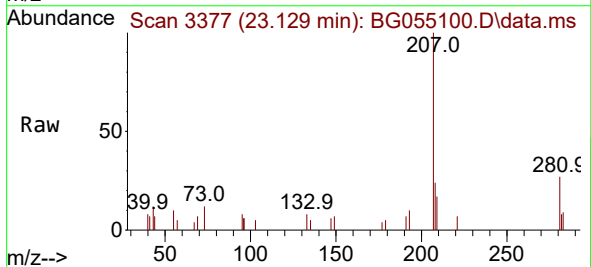
Instrument :
BNA_G
ClientSampleId :
R-11

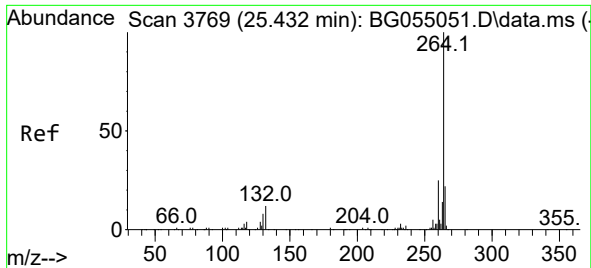
Tgt Ion:149 Resp: 787
Ion Ratio Lower Upper
149 100
167 45.7 21.0 31.4#
279 0.0 3.4 5.2#



#85
Di-n-octyl phthalate
Concen: 4.361 ng
RT: 23.129 min Scan# 3377
Delta R.T. 0.003 min
Lab File: BG055100.D
Acq: 7 Oct 2022 15:26

Tgt Ion:149 Resp: 238
Ion Ratio Lower Upper
149 100
167 0.0 1.3 1.9#
43 54.2 10.2 15.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.409 min Scan# 31
Delta R.T. -0.009 min
Lab File: BG055100.D
Acq: 7 Oct 2022 15:26

Instrument :
BNA_G
ClientSampleId :
R-11

Tgt Ion:264 Resp: 216461
Ion Ratio Lower Upper
264 100
260 23.0 19.7 29.5
265 21.5 17.8 26.6

