

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100722\
 Data File : BG055098.D
 Acq On : 7 Oct 2022 14:00
 Operator : CG/JU
 Sample : N5014-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-04-0-2.0

Quant Time: Oct 08 03:09:28 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)

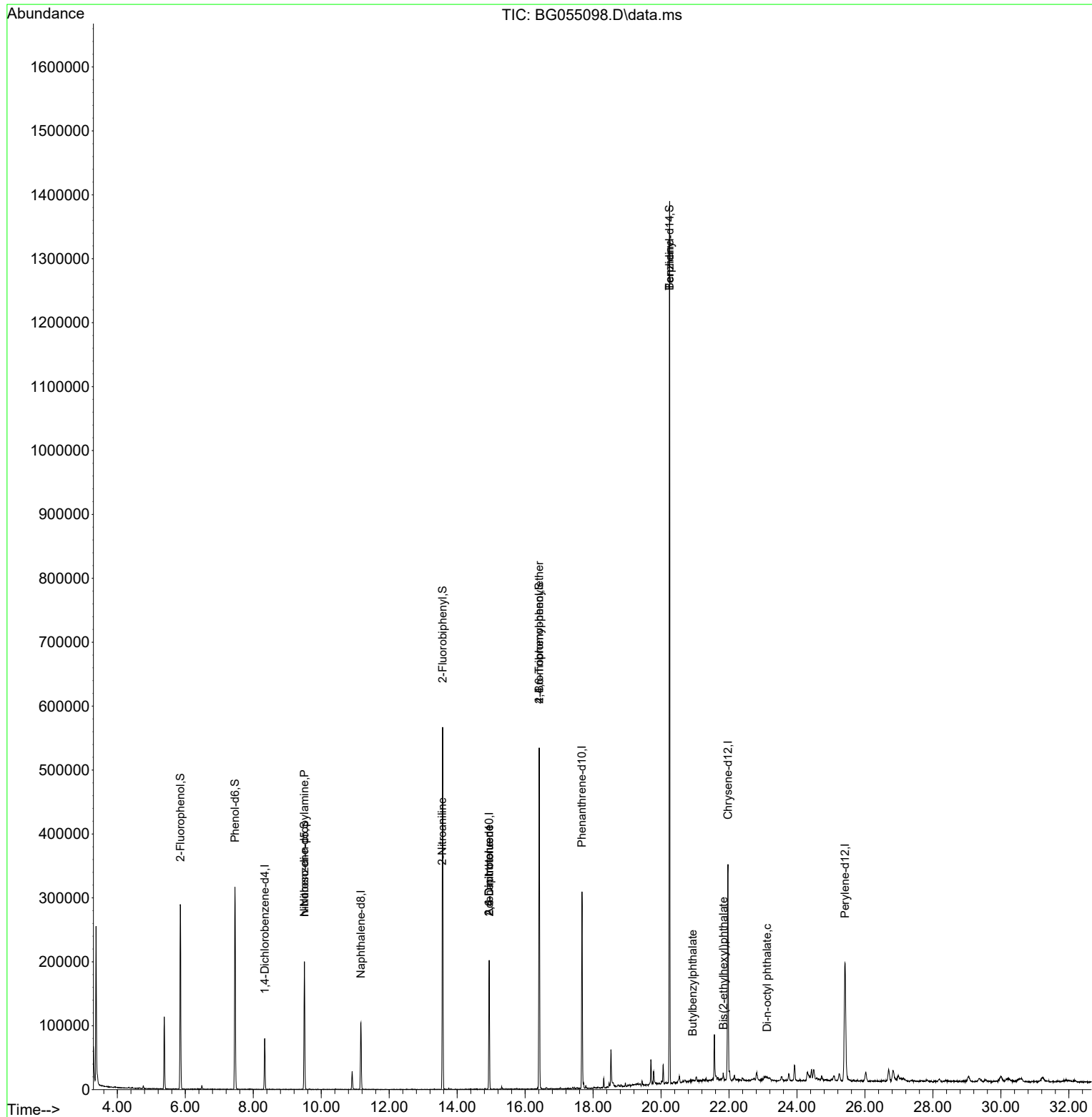
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.335	152	21976	20.000	ng	0.00
21) Naphthalene-d8	11.167	136	92332	20.000	ng	# 0.00
39) Acenaphthene-d10	14.939	164	71973	20.000	ng	0.00
64) Phenanthrene-d10	17.671	188	202844	20.000	ng	0.00
76) Chrysene-d12	21.966	240	214686	20.000	ng	0.00
86) Perylene-d12	25.409	264	227059	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.856	112	124792	126.129	ng	0.00
7) Phenol-d6	7.460	99	173504	117.040	ng	0.00
23) Nitrobenzene-d5	9.504	82	113245	73.288	ng	0.00
42) 2,4,6-Tribromophenol	16.414	330	110398	146.753	ng	0.00
45) 2-Fluorobiphenyl	13.570	172	285945	62.023	ng	0.00
79) Terphenyl-d14	20.251	244	698455	65.757	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.504	70	16235	11.306	ng	# 72
48) 2-Nitroaniline	13.558	65	441	4.442	ng	# 44
51) 2,6-Dinitrotoluene	14.939	165	9202	12.029	ng	# 15
57) 2,4-Dinitrotoluene	14.939	165	9202	9.835	ng	# 16
67) 4-Bromophenyl-phenylether	16.414	248	7029	3.277	ng	# 1
77) Benzidine	20.245	184	10618	2.871	ng	# 92
80) Butylbenzylphthalate	20.926	149	185	4.876	ng	# 23
84) Bis(2-ethylhexyl)phtha...	21.831	149	4118	4.665	ng	# 95
85) Di-n-octyl phthalate	23.118	149	786	4.405	ng	# 71

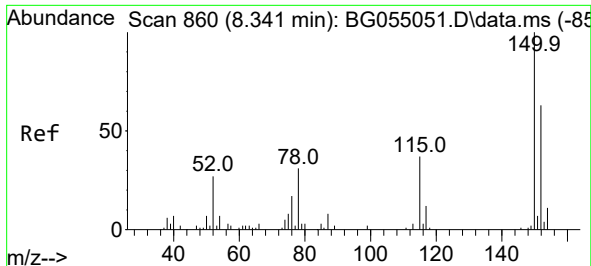
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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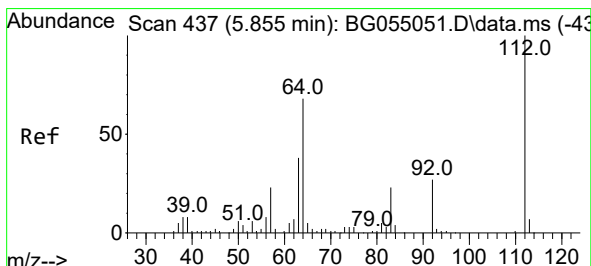
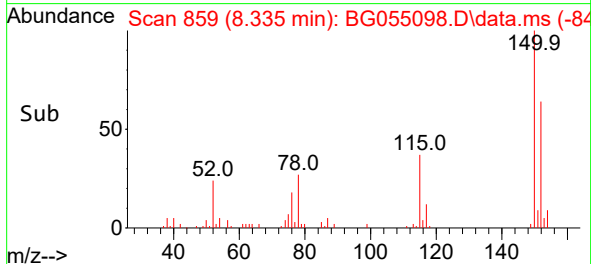
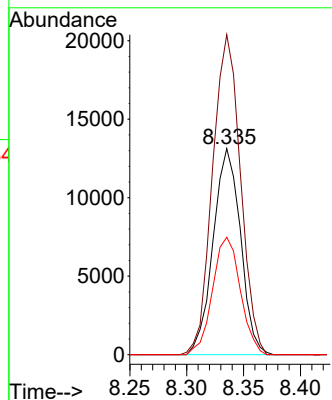
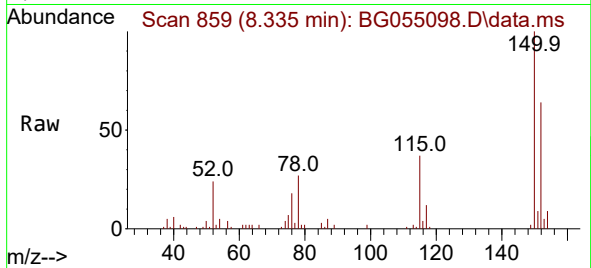




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.335 min Scan# 860
Delta R.T. -0.003 min
Lab File: BG055098.D
Acq: 7 Oct 2022 14:00

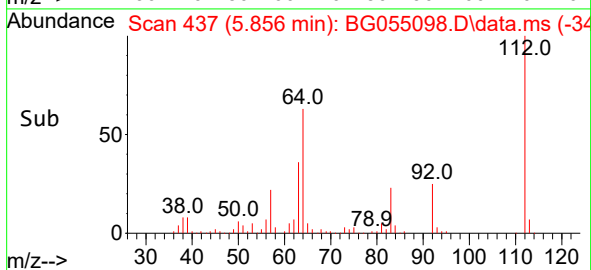
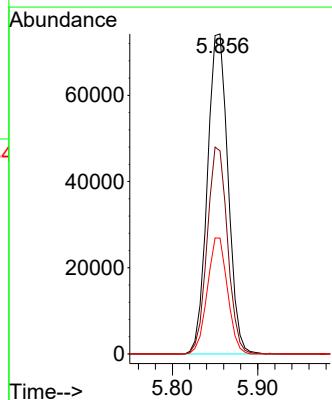
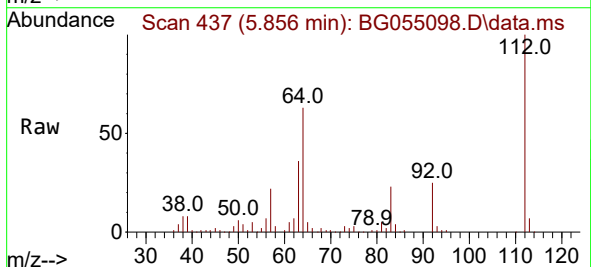
Instrument :
BNA_G
ClientSampleId :
SB-04-0-2.0

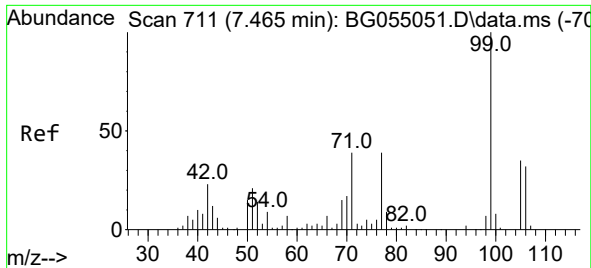
Tgt Ion:152 Resp: 21976
Ion Ratio Lower Upper
152 100
150 155.3 128.0 192.0
115 57.0 47.7 71.5



#5
2-Fluorophenol
Concen: 126.129 ng
RT: 5.856 min Scan# 437
Delta R.T. 0.003 min
Lab File: BG055098.D
Acq: 7 Oct 2022 14:00

Tgt Ion:112 Resp: 124792
Ion Ratio Lower Upper
112 100
64 63.4 54.5 81.7
63 36.2 30.5 45.7

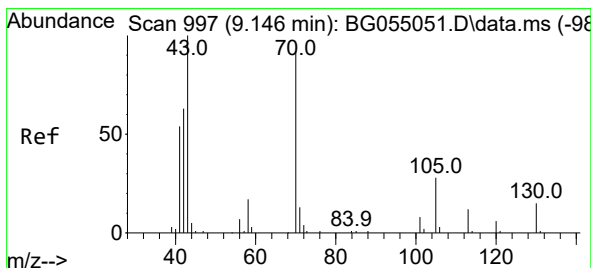
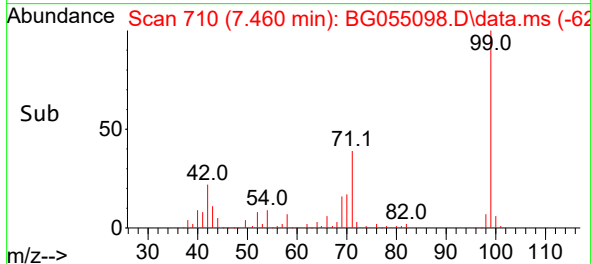
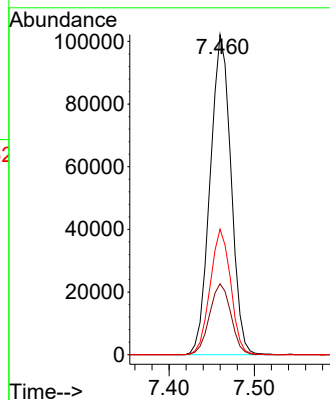
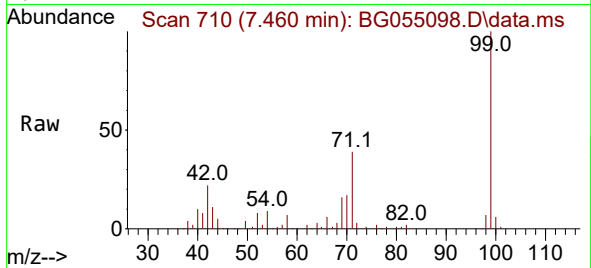




#7
Phenol-d6
Concen: 117.040 ng
RT: 7.460 min Scan# 711
Delta R.T. -0.003 min
Lab File: BG055098.D
Acq: 7 Oct 2022 14:00

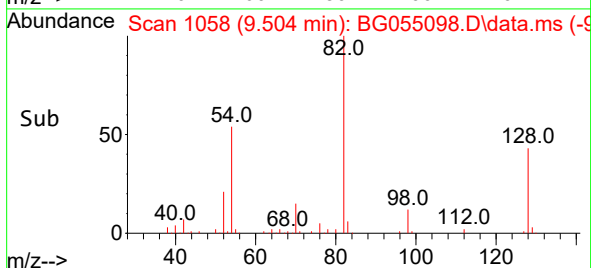
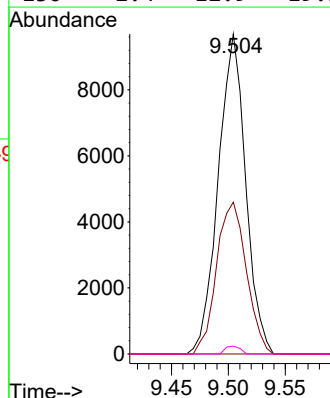
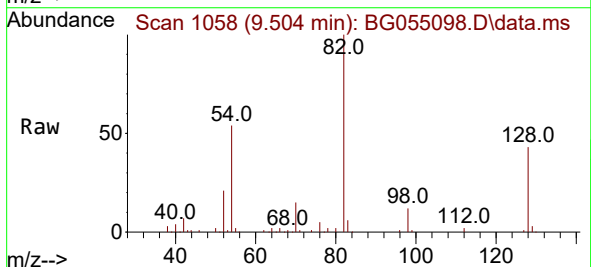
Instrument :
BNA_G
ClientSampleId :
SB-04-0-2.0

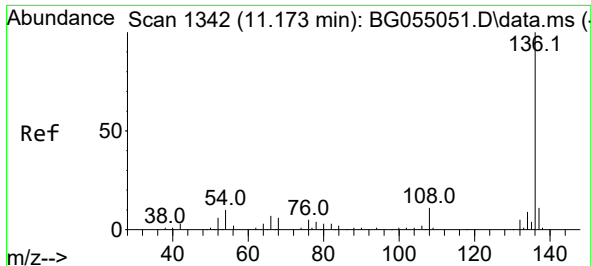
Tgt Ion: 99 Resp: 173504
Ion Ratio Lower Upper
99 100
42 22.2 18.6 28.0
71 39.2 31.2 46.8



#19
n-Nitroso-di-n-propylamine
Concen: 11.306 ng
RT: 9.504 min Scan# 1058
Delta R.T. 0.368 min
Lab File: BG055098.D
Acq: 7 Oct 2022 14:00

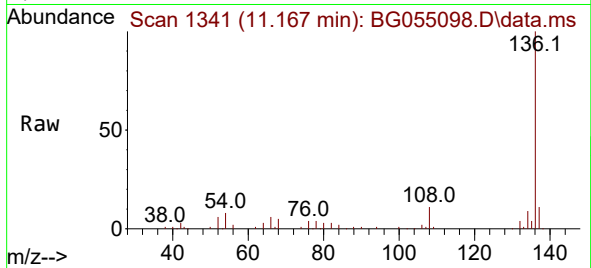
Tgt Ion: 70 Resp: 16235
Ion Ratio Lower Upper
70 100
42 47.4 55.8 83.6#
101 0.0 7.1 10.7#
130 2.4 12.9 19.3#



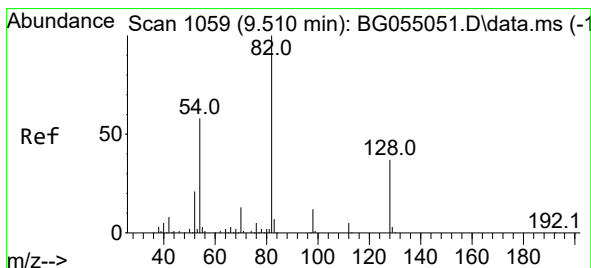
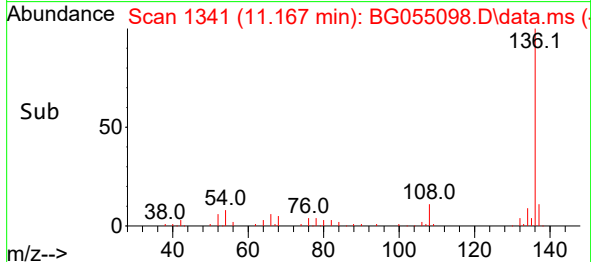
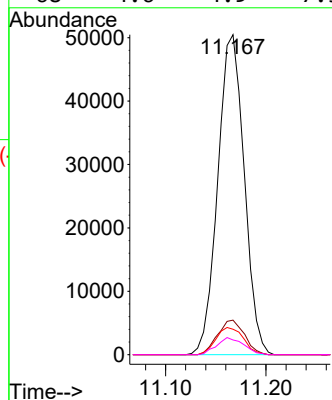


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.167 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG055098.D
Acq: 7 Oct 2022 14:00

Instrument :
BNA_G
ClientSampleId :
SB-04-0-2.0

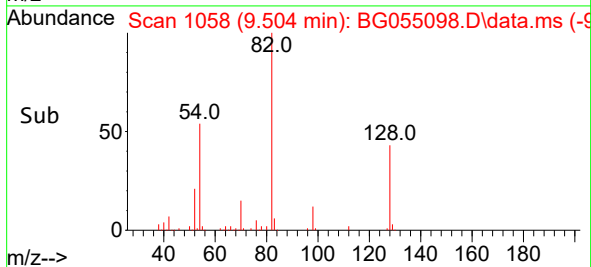
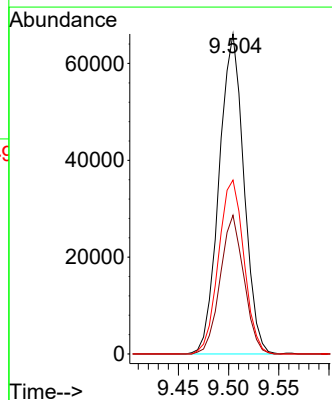
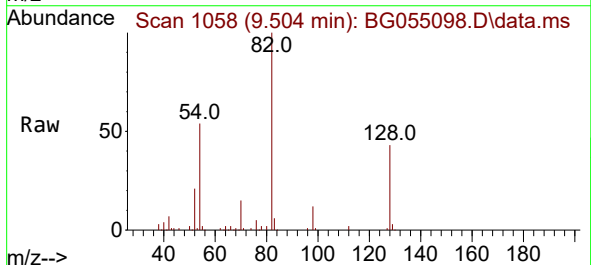


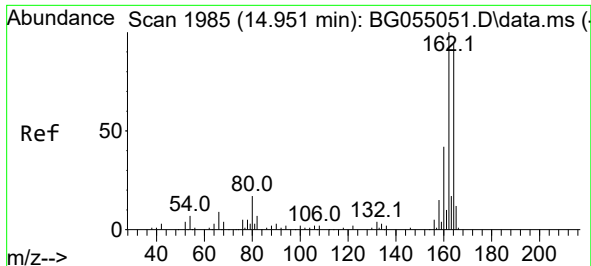
Tgt Ion:136 Resp: 92332
Ion Ratio Lower Upper
136 100
137 10.8 8.7 13.1
54 7.9 8.2 12.4#
68 4.6 4.9 7.3#



#23
Nitrobenzene-d5
Concen: 73.288 ng
RT: 9.504 min Scan# 1058
Delta R.T. -0.003 min
Lab File: BG055098.D
Acq: 7 Oct 2022 14:00

Tgt Ion: 82 Resp: 113245
Ion Ratio Lower Upper
82 100
128 43.4 29.5 44.3
54 54.3 46.7 70.1

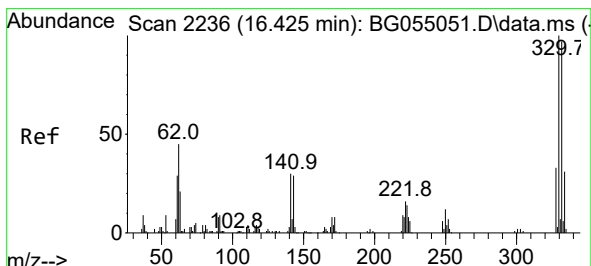
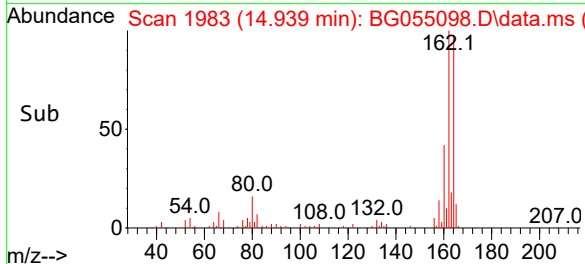
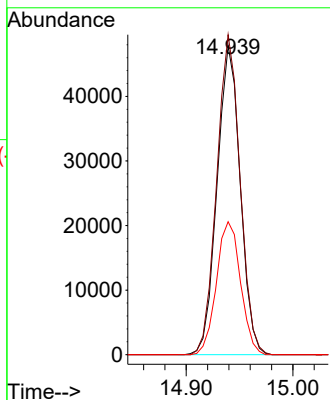
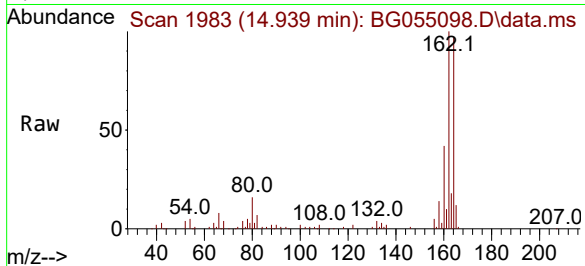




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.939 min Scan# 1985
Delta R.T. -0.003 min
Lab File: BG055098.D
Acq: 7 Oct 2022 14:00

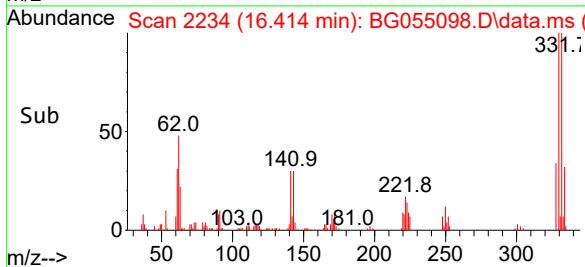
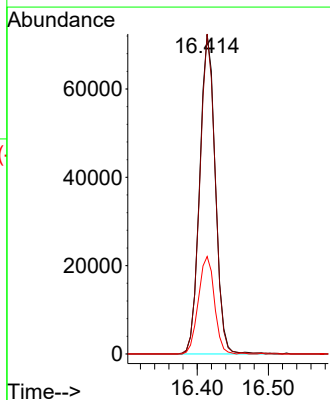
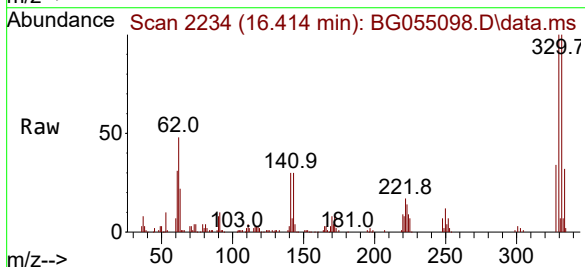
Instrument :
BNA_G
ClientSampleId :
SB-04-0-2.0

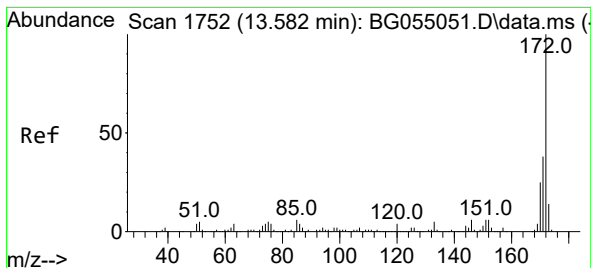
Tgt Ion:164 Resp: 71973
Ion Ratio Lower Upper
164 100
162 103.5 85.5 128.3
160 43.0 35.5 53.3



#42
2,4,6-Tribromophenol
Concen: 146.753 ng
RT: 16.414 min Scan# 2234
Delta R.T. -0.003 min
Lab File: BG055098.D
Acq: 7 Oct 2022 14:00

Tgt Ion:330 Resp: 110398
Ion Ratio Lower Upper
330 100
332 98.6 77.4 116.0
141 31.3 25.0 37.4

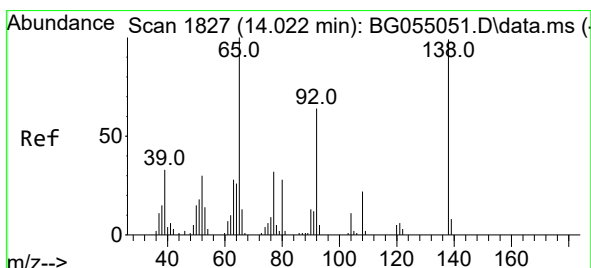
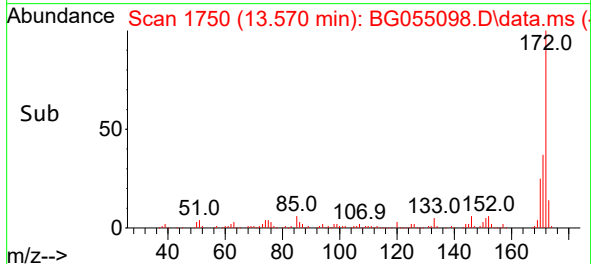
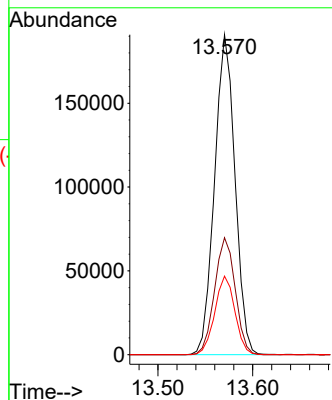
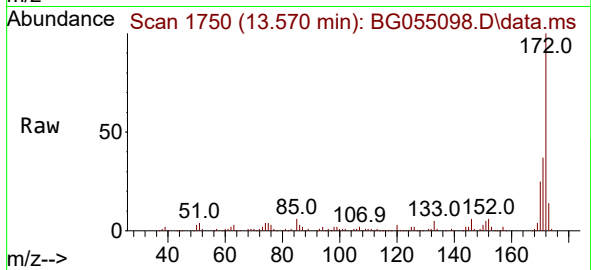




#45
2-Fluorobiphenyl
Concen: 62.023 ng
RT: 13.570 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG055098.D
Acq: 7 Oct 2022 14:00

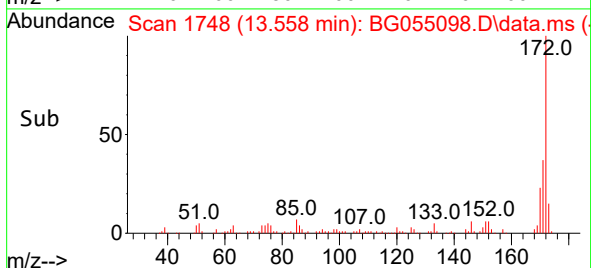
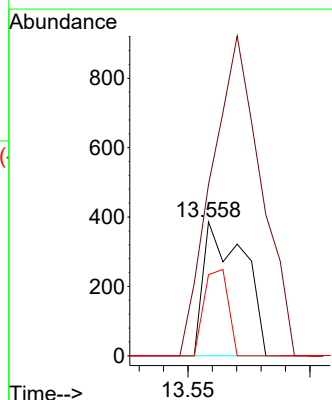
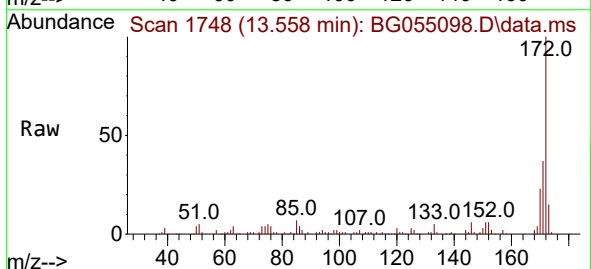
Instrument :
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ClientSampleId :
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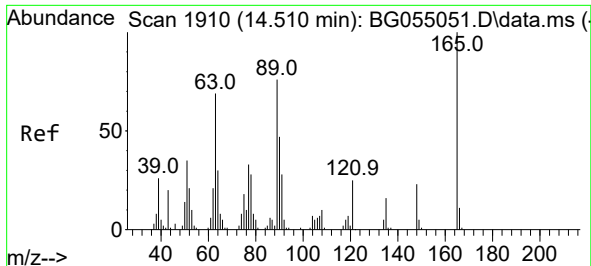
Tgt Ion:172 Resp: 285945
Ion Ratio Lower Upper
172 100
171 36.6 30.1 45.1
170 24.6 20.0 30.0



#48
2-Nitroaniline
Concen: 4.442 ng
RT: 13.558 min Scan# 1748
Delta R.T. -0.461 min
Lab File: BG055098.D
Acq: 7 Oct 2022 14:00

Tgt Ion: 65 Resp: 441
Ion Ratio Lower Upper
65 100
92 128.0 50.9 76.3#
138 60.6 79.5 119.3#

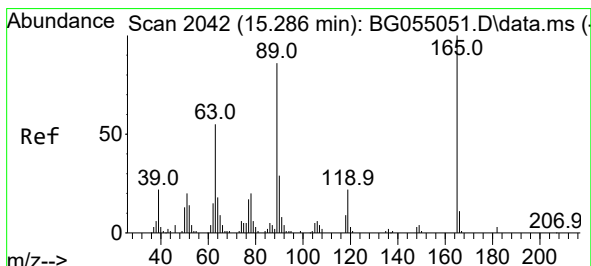
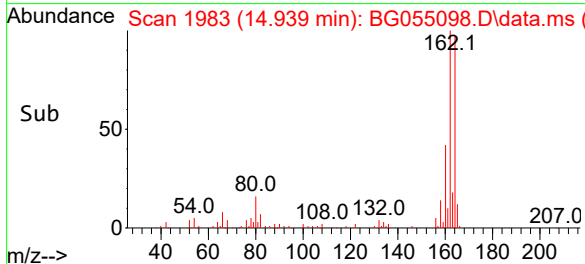
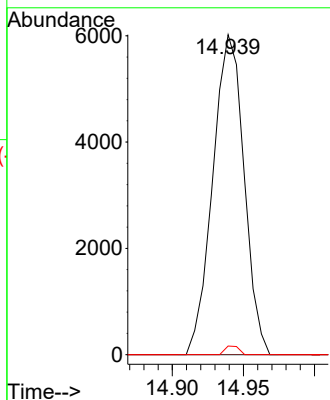
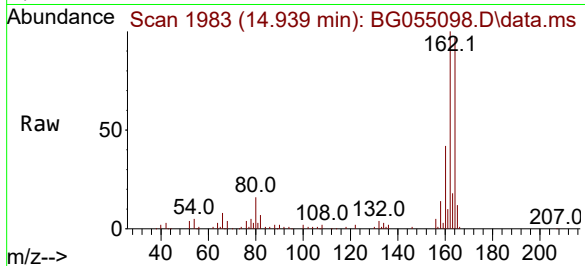




#51
2,6-Dinitrotoluene
Concen: 12.029 ng
RT: 14.939 min Scan# 1910
Delta R.T. 0.432 min
Lab File: BG055098.D
Acq: 7 Oct 2022 14:00

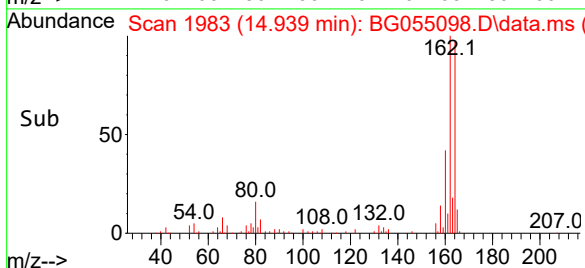
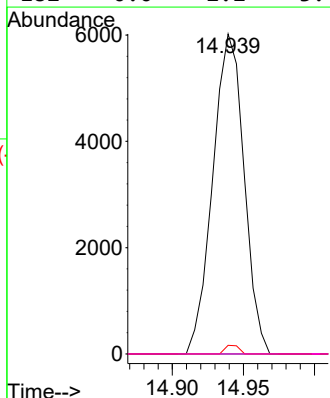
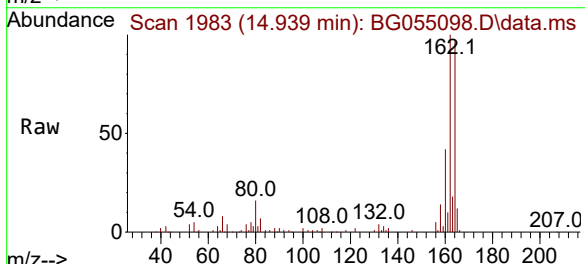
Instrument :
BNA_G
ClientSampleId :
SB-04-0-2.0

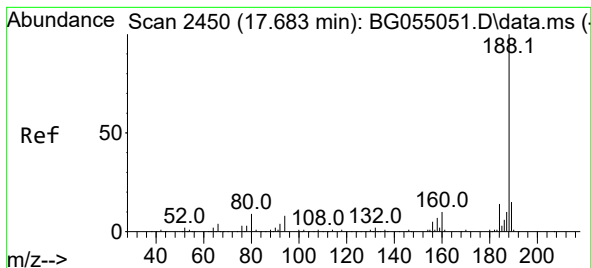
Tgt Ion:165 Resp: 9202
Ion Ratio Lower Upper
165 100
63 0.0 56.2 84.4#
89 2.7 60.4 90.6#



#57
2,4-Dinitrotoluene
Concen: 9.835 ng
RT: 14.939 min Scan# 1983
Delta R.T. -0.343 min
Lab File: BG055098.D
Acq: 7 Oct 2022 14:00

Tgt Ion:165 Resp: 9202
Ion Ratio Lower Upper
165 100
63 0.0 44.2 66.2#
89 2.7 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: BG055098.D

Acq: 7 Oct 2022 14:00

Instrument :

BNA_G

ClientSampleId :

SB-04-0-2.0

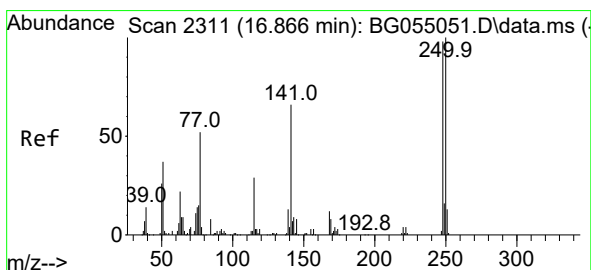
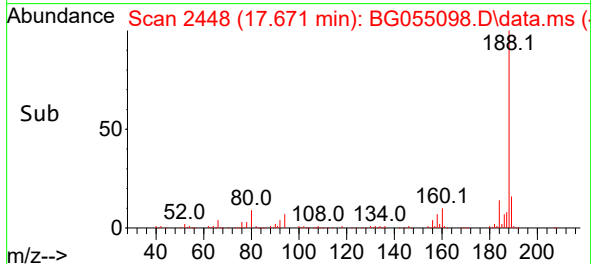
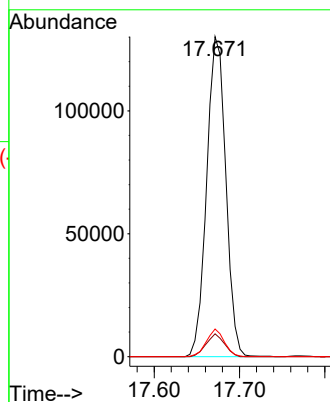
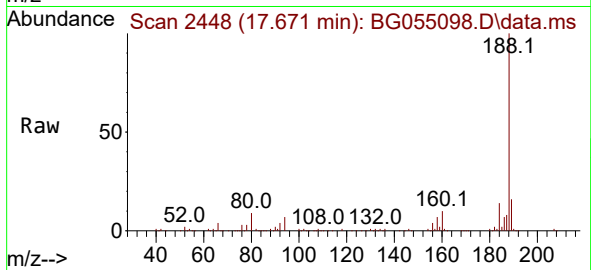
Tgt Ion:188 Resp: 202844

Ion Ratio Lower Upper

188 100

94 7.2 6.2 9.2

80 8.6 7.2 10.8



#67

4-Bromophenyl-phenylether

Concen: 3.277 ng

RT: 16.414 min Scan# 2234

Delta R.T. -0.443 min

Lab File: BG055098.D

Acq: 7 Oct 2022 14:00

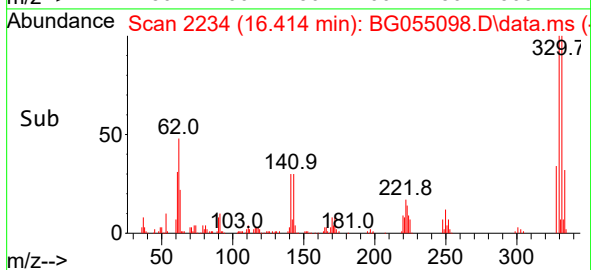
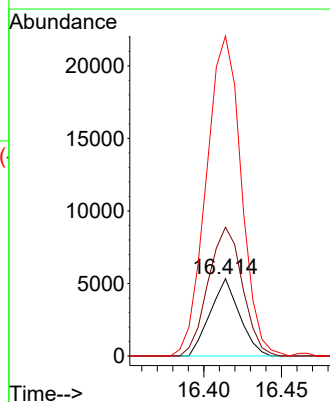
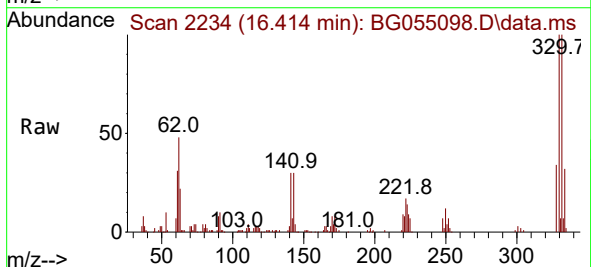
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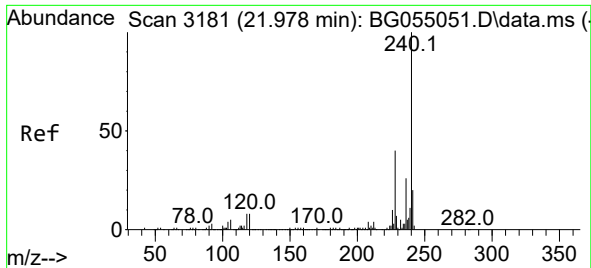
Ion Ratio Lower Upper

248 100

250 166.6 81.7 122.5#

141 414.0 53.7 80.5#

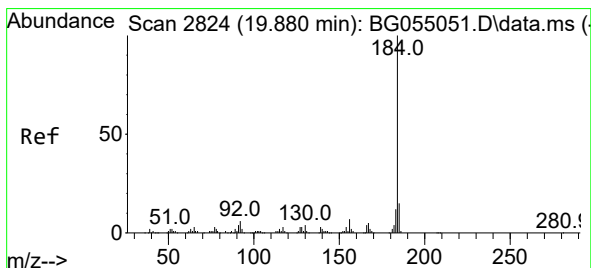
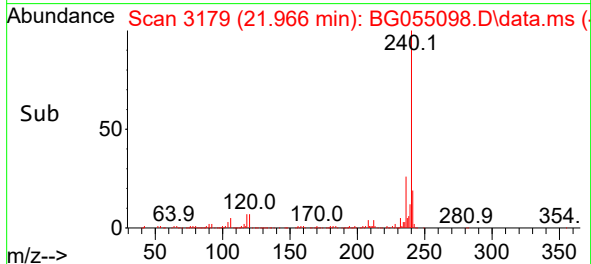
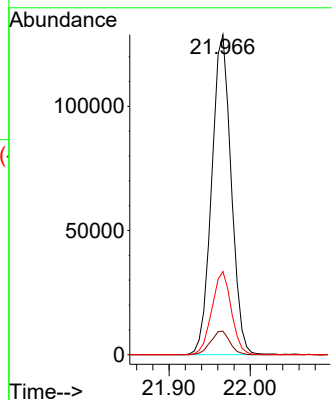
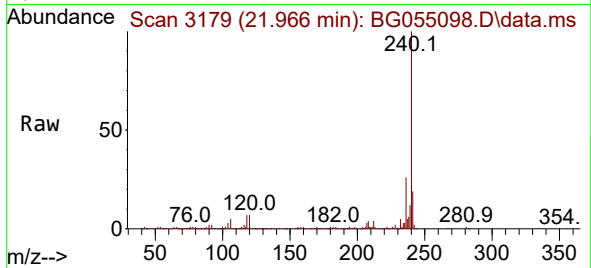




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.966 min Scan# 3181
Delta R.T. -0.003 min
Lab File: BG055098.D
Acq: 7 Oct 2022 14:00

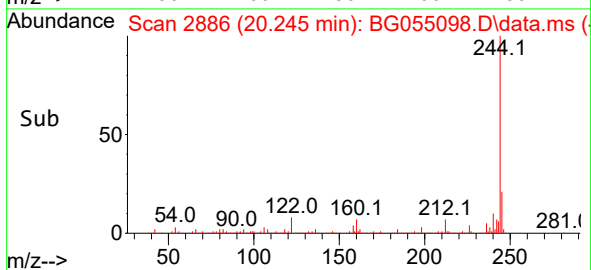
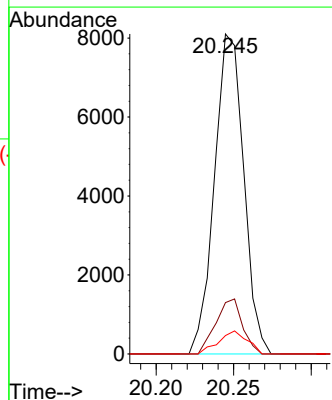
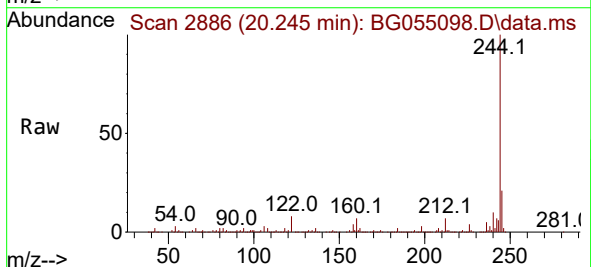
Instrument :
BNA_G
ClientSampleId :
SB-04-0-2.0

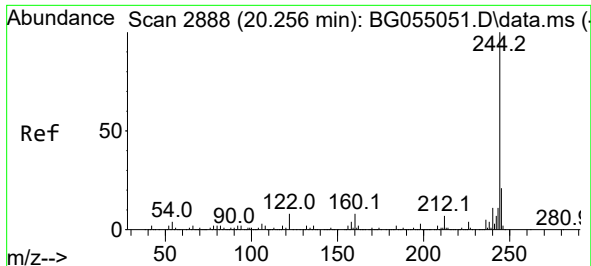
Tgt Ion:240 Resp: 214686
Ion Ratio Lower Upper
240 100
120 7.3 6.2 9.4
236 26.0 20.6 30.8



#77
Benzidine
Concen: 2.871 ng
RT: 20.245 min Scan# 2886
Delta R.T. 0.373 min
Lab File: BG055098.D
Acq: 7 Oct 2022 14:00

Tgt Ion:184 Resp: 10618
Ion Ratio Lower Upper
184 100
185 16.1 12.2 18.4
183 5.7 9.4 14.0#

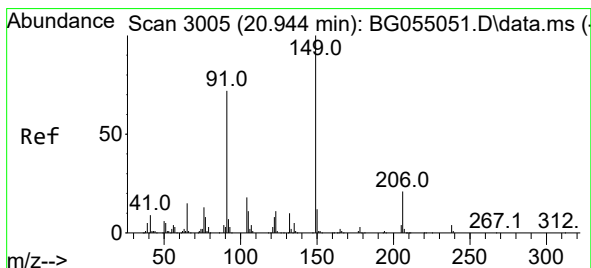
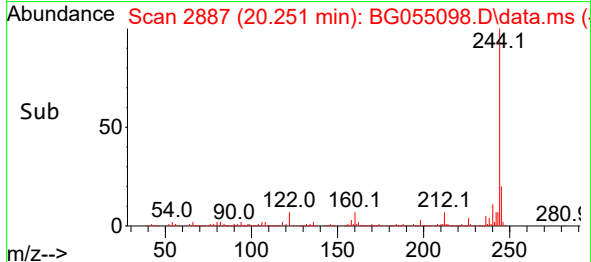
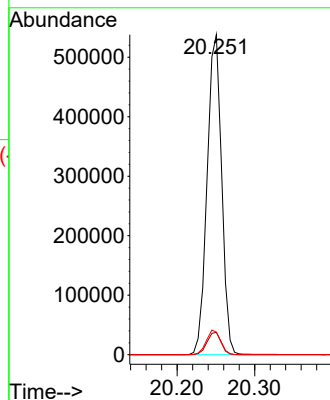
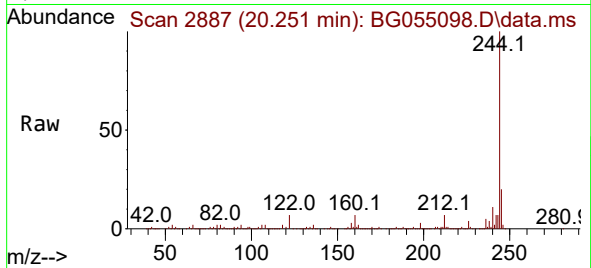




#79
 Terphenyl-d14
 Concen: 65.757 ng
 RT: 20.251 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: BG055098.D
 Acq: 7 Oct 2022 14:00

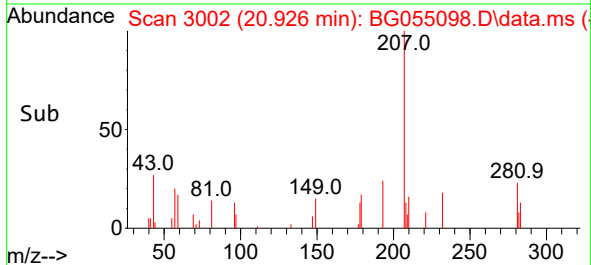
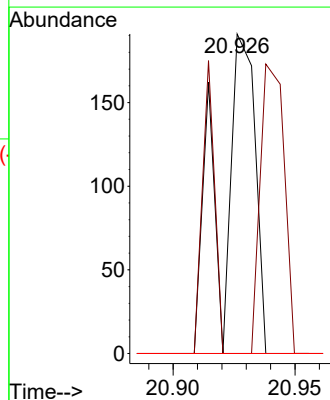
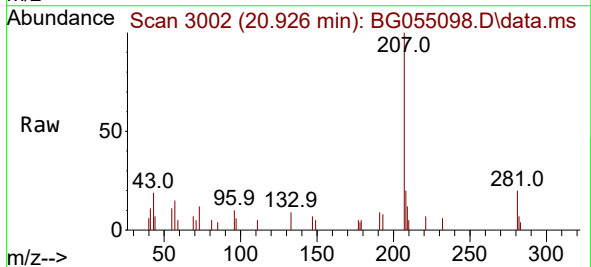
Instrument :
 BNA_G
 ClientSampleId :
 SB-04-0-2.0

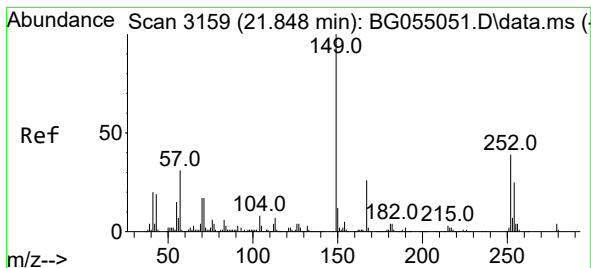
Tgt Ion:244 Resp: 698455
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 7.1 6.6 10.0



#80
 Butylbenzylphthalate
 Concen: 4.876 ng
 RT: 20.926 min Scan# 3002
 Delta R.T. -0.008 min
 Lab File: BG055098.D
 Acq: 7 Oct 2022 14:00

Tgt Ion:149 Resp: 185
 Ion Ratio Lower Upper
 149 100
 91 0.0 57.8 86.8#
 206 0.0 16.9 25.3#

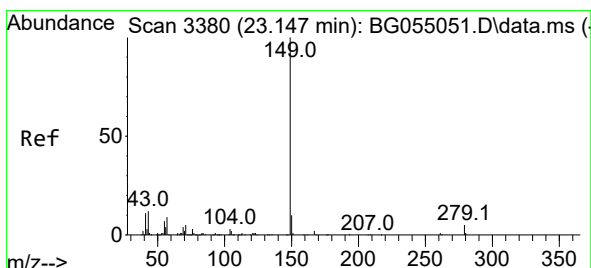
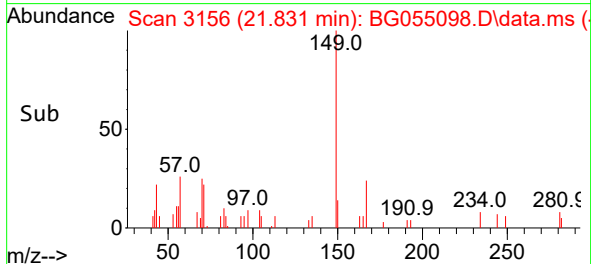
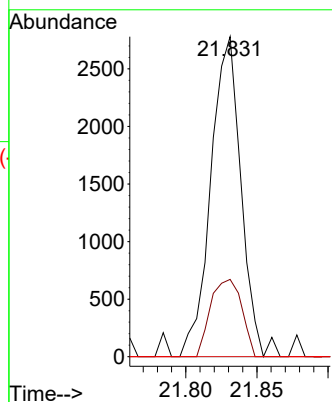
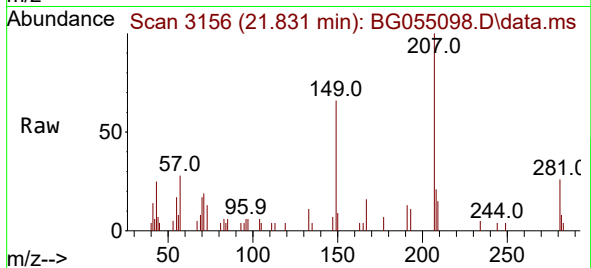




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 4.665 ng
 RT: 21.831 min Scan# 3156
 Delta R.T. -0.003 min
 Lab File: BG055098.D
 Acq: 7 Oct 2022 14:00

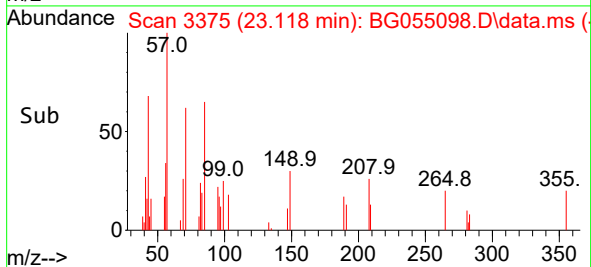
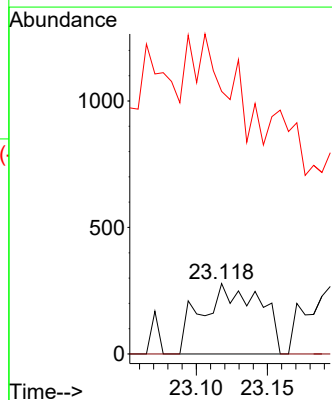
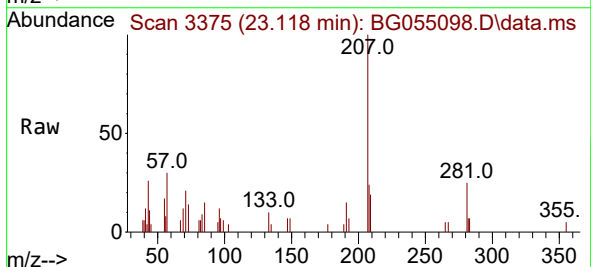
Instrument :
 BNA_G
 ClientSampleId :
 SB-04-0-2.0

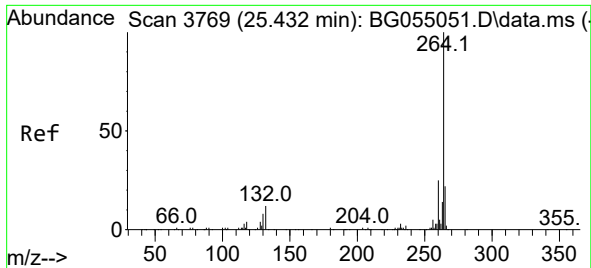
Tgt Ion:149 Resp: 4118
 Ion Ratio Lower Upper
 149 100
 167 24.2 21.0 31.4
 279 0.0 3.4 5.2#



#85
 Di-n-octyl phthalate
 Concen: 4.405 ng
 RT: 23.118 min Scan# 3375
 Delta R.T. -0.008 min
 Lab File: BG055098.D
 Acq: 7 Oct 2022 14:00

Tgt Ion:149 Resp: 786
 Ion Ratio Lower Upper
 149 100
 167 0.0 1.3 1.9#
 43 0.0 10.2 15.4#





#86

Perylene-d12

Concen: 20.000 ng

RT: 25.409 min Scan# 31

Delta R.T. -0.008 min

Lab File: BG055098.D

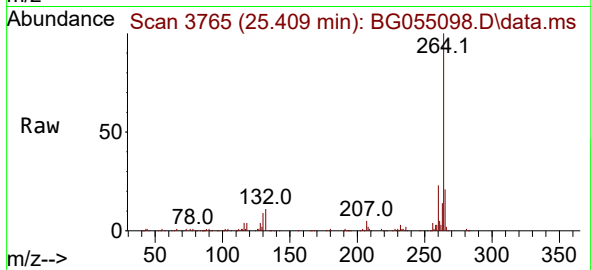
Acq: 7 Oct 2022 14:00

Instrument :

BNA_G

ClientSampleId :

SB-04-0-2.0



Tgt Ion:264 Resp: 227059

Ion Ratio Lower Upper

264 100

260 23.3 19.7 29.5

265 21.1 17.8 26.6

