

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100522\
 Data File : BG055076.D
 Acq On : 5 Oct 2022 13:57
 Operator : CG/JU
 Sample : PB148087BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB148087BL

Quant Time: Oct 06 03:36:53 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)

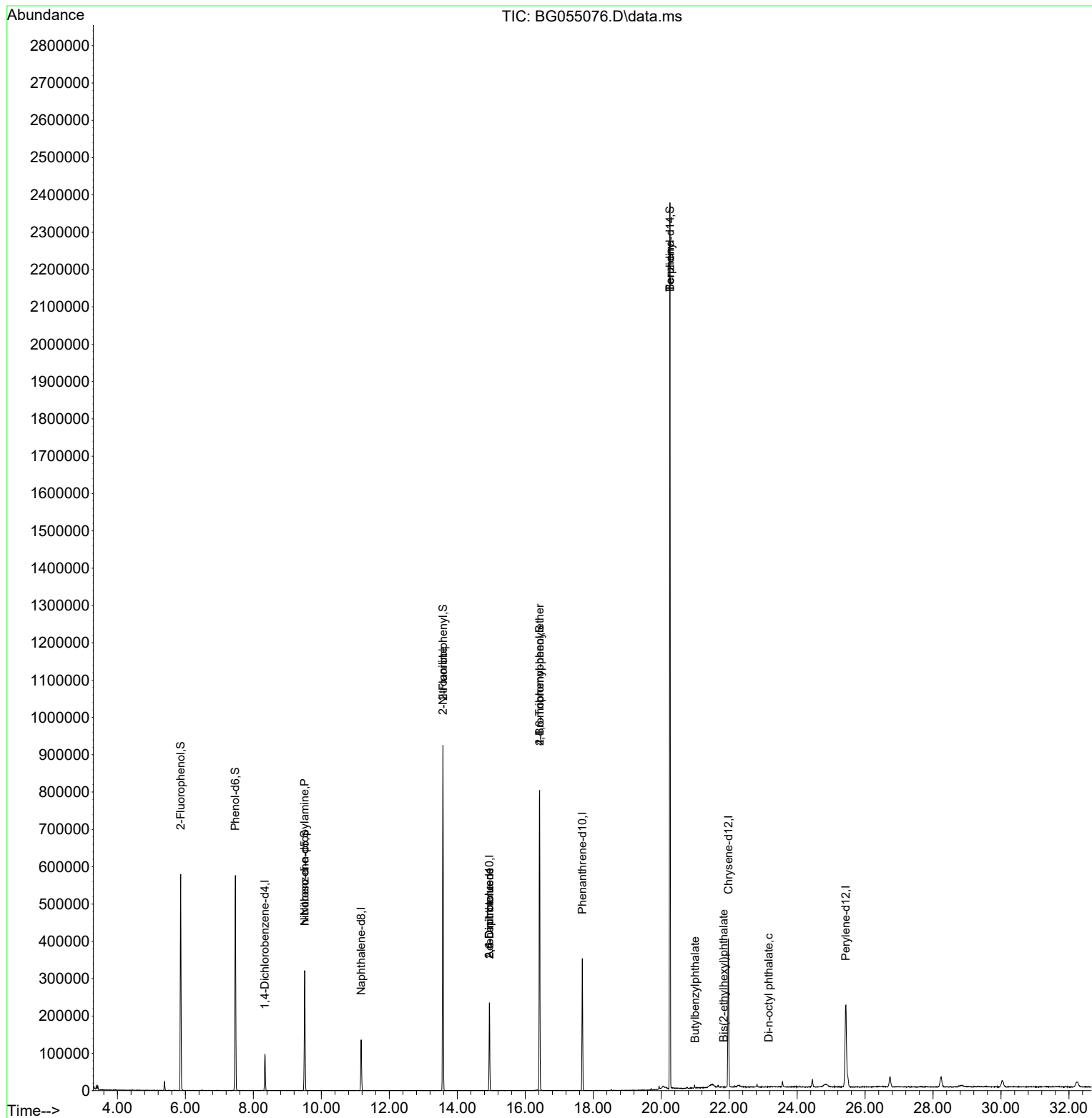
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.340	152	26044	20.000	ng	0.00
21) Naphthalene-d8	11.172	136	112723	20.000	ng	0.00
39) Acenaphthene-d10	14.950	164	82817	20.000	ng	0.00
64) Phenanthrene-d10	17.682	188	221875	20.000	ng	0.00
76) Chrysene-d12	21.977	240	258001	20.000	ng	0.00
86) Perylene-d12	25.432	264	264874	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.860	112	230635	196.695	ng	0.00
7) Phenol-d6	7.470	99	303208	172.586	ng	0.00
23) Nitrobenzene-d5	9.509	82	189730	100.575	ng	0.00
42) 2,4,6-Tribromophenol	16.424	330	164741	188.449	ng	0.00
45) 2-Fluorobiphenyl	13.581	172	477369	89.986	ng	0.00
79) Terphenyl-d14	20.261	244	1220658	95.627	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.509	70	26630	15.648	ng	# 77
48) 2-Nitroaniline	13.575	65	741	4.608	ng	# 1
51) 2,6-Dinitrotoluene	14.950	165	10796	12.196	ng	# 13
57) 2,4-Dinitrotoluene	14.950	165	10796	9.957	ng	# 15
67) 4-Bromophenyl-phenylether	16.424	248	10499	4.474	ng	# 1
77) Benzidine	20.261	184	19413	4.368	ng	# 92
80) Butylbenzylphthalate	20.996	149	59	4.848	ng	# 23
84) Bis(2-ethylhexyl)phtha...	21.842	149	933	4.207	ng	# 87
85) Di-n-octyl phthalate	23.164	149	57	4.345	ng	# 1

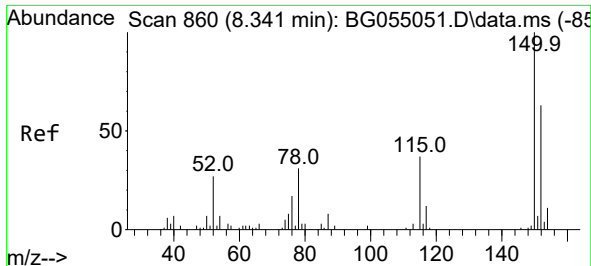
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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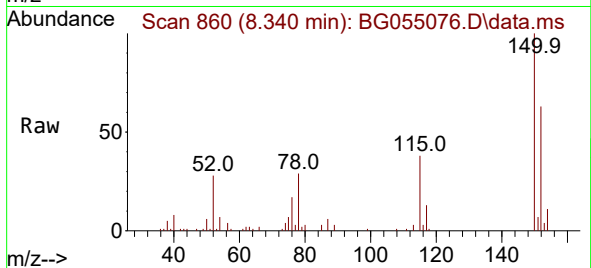
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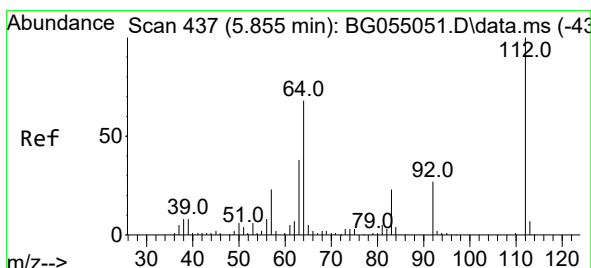
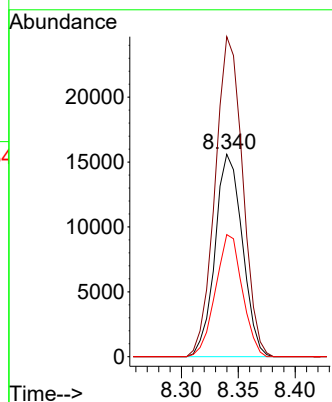
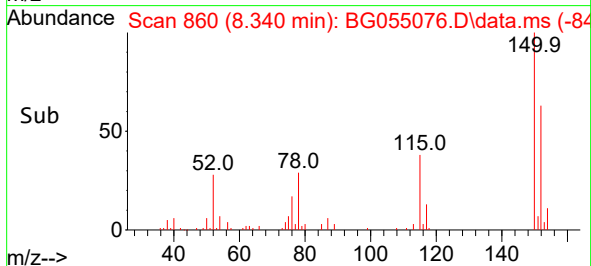


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.340 min Scan# 860
Delta R.T. -0.001 min
Lab File: BG055076.D
Acq: 5 Oct 2022 13:57

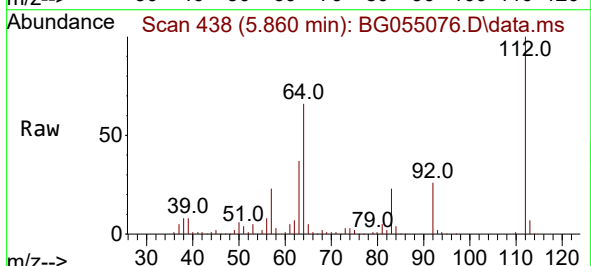
Instrument :
BNA_G
ClientSampleId :
PB148087BL



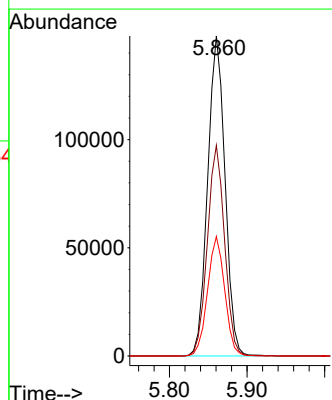
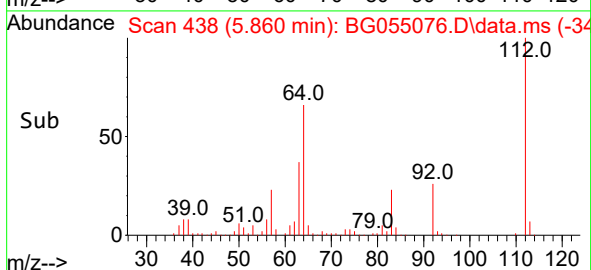
Tgt Ion:152 Resp: 26044
Ion Ratio Lower Upper
152 100
150 158.0 128.0 192.0
115 60.3 47.7 71.5

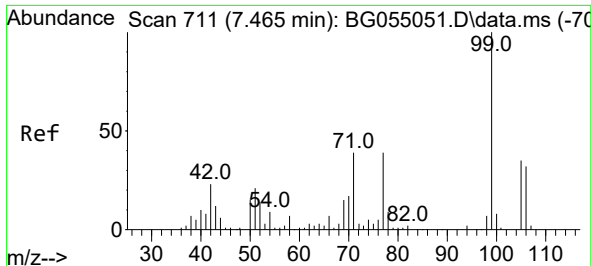


#5
2-Fluorophenol
Concen: 196.695 ng
RT: 5.860 min Scan# 438
Delta R.T. 0.005 min
Lab File: BG055076.D
Acq: 5 Oct 2022 13:57



Tgt Ion:112 Resp: 230635
Ion Ratio Lower Upper
112 100
64 65.8 54.5 81.7
63 37.3 30.5 45.7

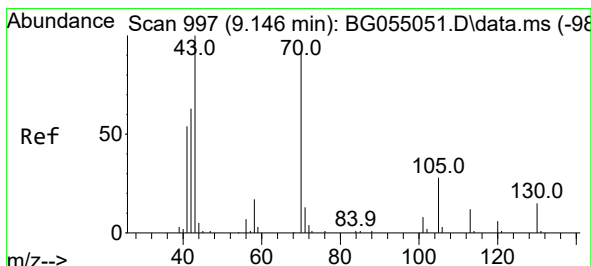
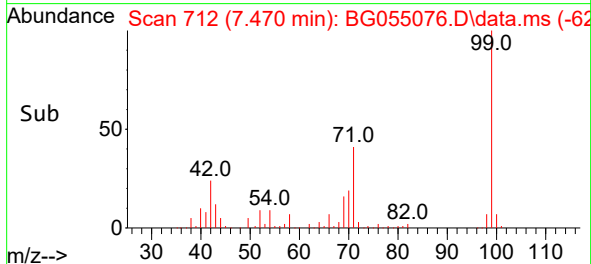
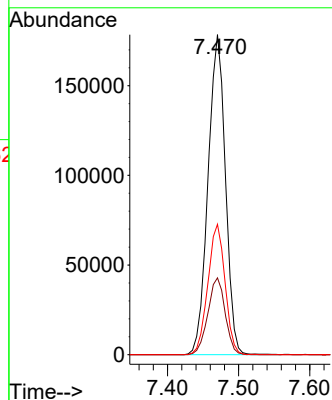
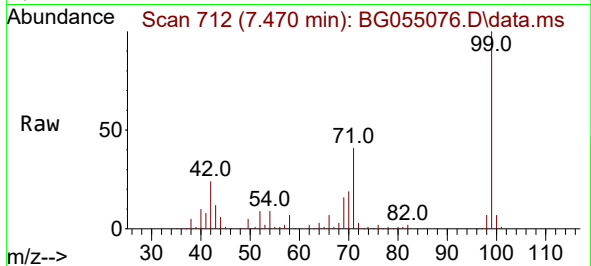




#7
Phenol-d6
Concen: 172.586 ng
RT: 7.470 min Scan# 71
Delta R.T. 0.005 min
Lab File: BG055076.D
Acq: 5 Oct 2022 13:57

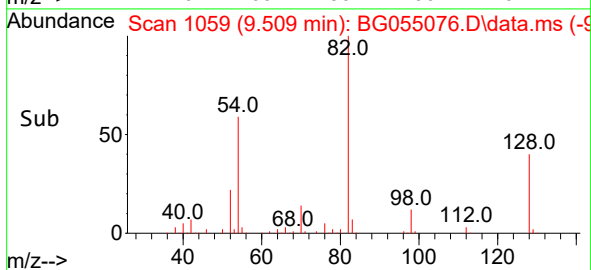
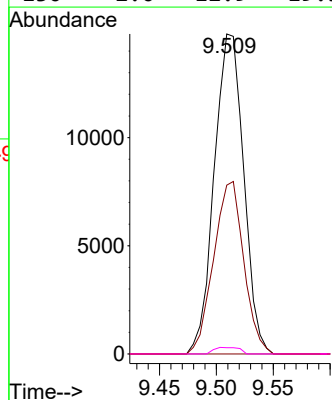
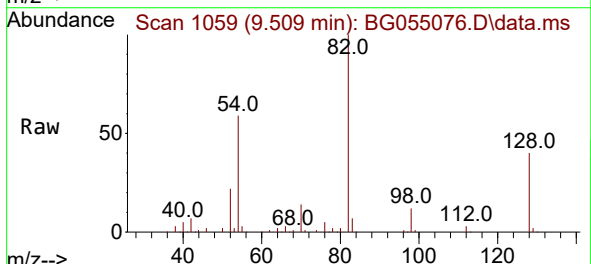
Instrument :
BNA_G
ClientSampleId :
PB148087BL

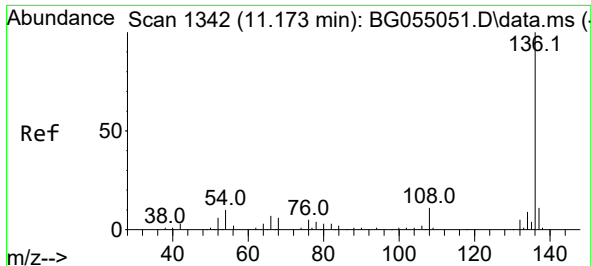
Tgt Ion: 99 Resp: 303208
Ion Ratio Lower Upper
99 100
42 24.0 18.6 28.0
71 40.8 31.2 46.8



#19
n-Nitroso-di-n-propylamine
Concen: 15.648 ng
RT: 9.509 min Scan# 1059
Delta R.T. 0.363 min
Lab File: BG055076.D
Acq: 5 Oct 2022 13:57

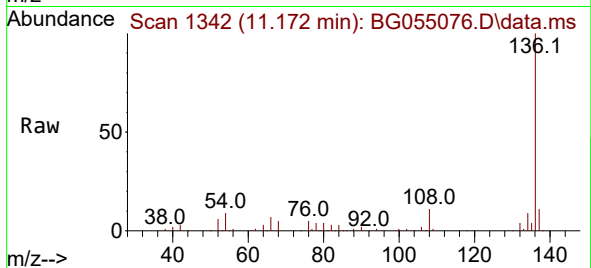
Tgt Ion: 70 Resp: 26630
Ion Ratio Lower Upper
70 100
42 52.7 55.8 83.6#
101 0.0 7.1 10.7#
130 2.0 12.9 19.3#



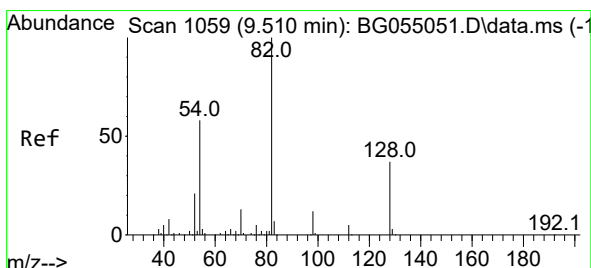
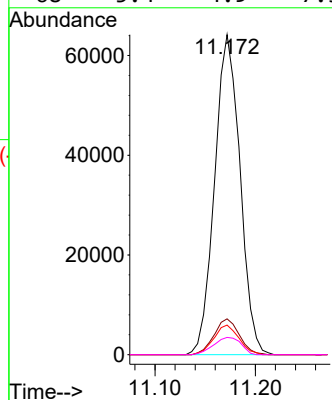
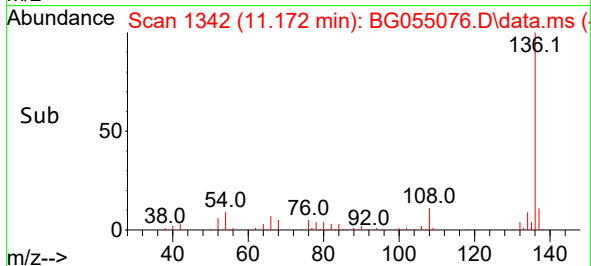


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.172 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG055076.D
Acq: 5 Oct 2022 13:57

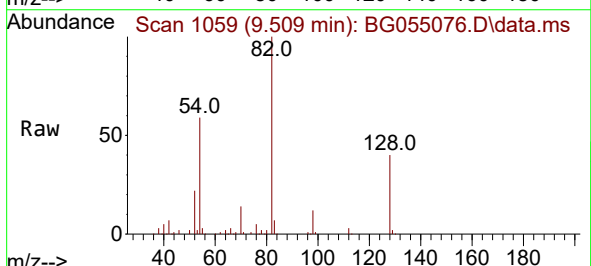
Instrument :
BNA_G
ClientSampleId :
PB148087BL



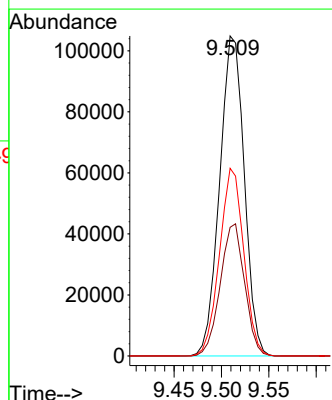
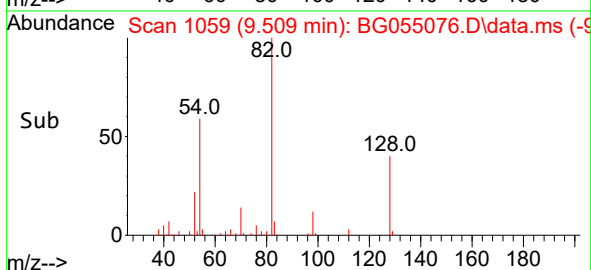
Tgt Ion:	136	Resp:	112723
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.7	13.1
54	9.2	8.2	12.4
68	5.4	4.9	7.3

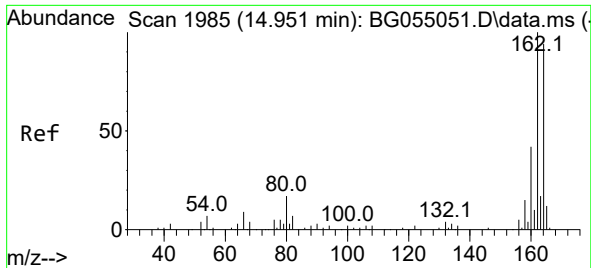


#23
Nitrobenzene-d5
Concen: 100.575 ng
RT: 9.509 min Scan# 1059
Delta R.T. -0.001 min
Lab File: BG055076.D
Acq: 5 Oct 2022 13:57



Tgt Ion:	82	Resp:	189730
Ion	Ratio	Lower	Upper
82	100		
128	40.2	29.5	44.3
54	58.6	46.7	70.1

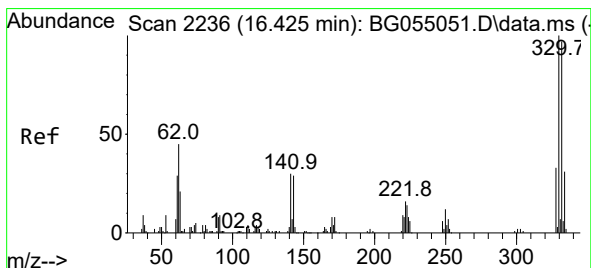
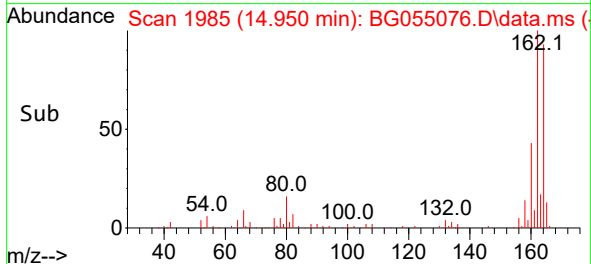
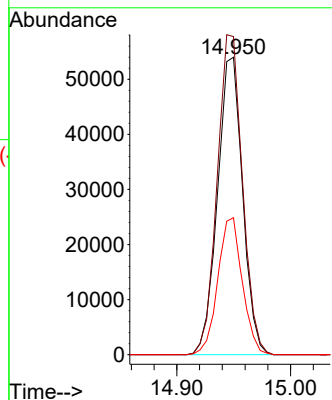
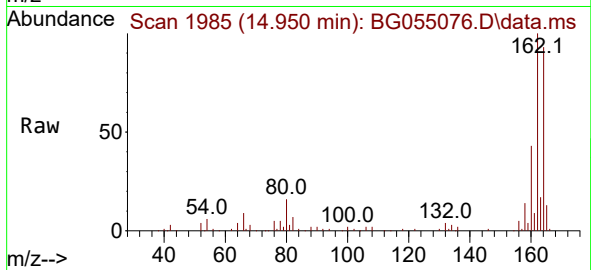




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.950 min Scan# 1985
Delta R.T. -0.001 min
Lab File: BG055076.D
Acq: 5 Oct 2022 13:57

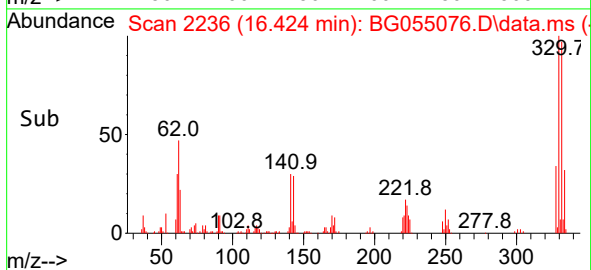
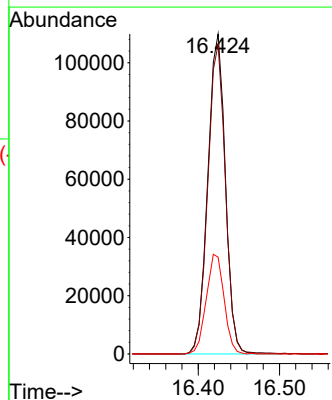
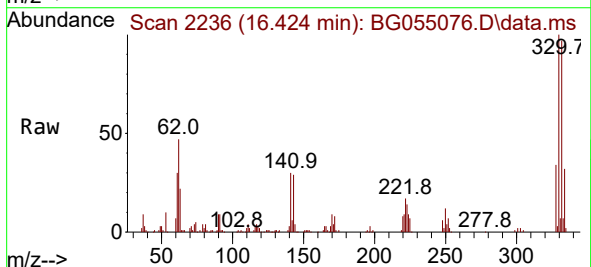
Instrument :
BNA_G
ClientSampleId :
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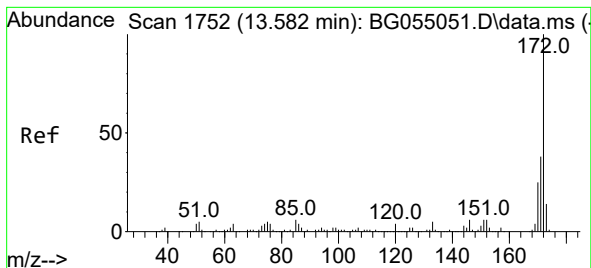
Tgt Ion:164 Resp: 82817
Ion Ratio Lower Upper
164 100
162 107.0 85.5 128.3
160 46.0 35.5 53.3



#42
2,4,6-Tribromophenol
Concen: 188.449 ng
RT: 16.424 min Scan# 2236
Delta R.T. -0.001 min
Lab File: BG055076.D
Acq: 5 Oct 2022 13:57

Tgt Ion:330 Resp: 164741
Ion Ratio Lower Upper
330 100
332 96.9 77.4 116.0
141 31.6 25.0 37.4

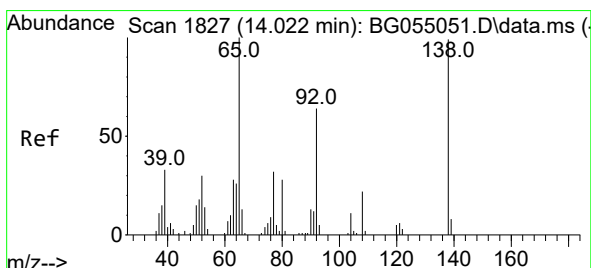
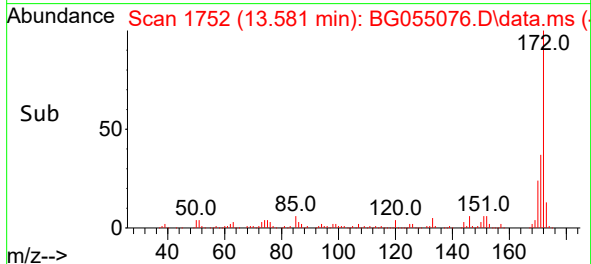
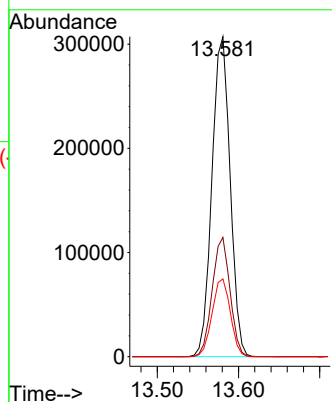
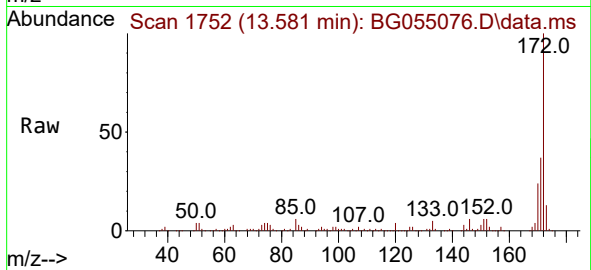




#45
2-Fluorobiphenyl
Concen: 89.986 ng
RT: 13.581 min Scan# 1751
Delta R.T. -0.001 min
Lab File: BG055076.D
Acq: 5 Oct 2022 13:57

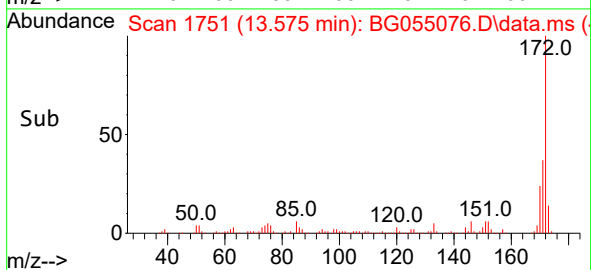
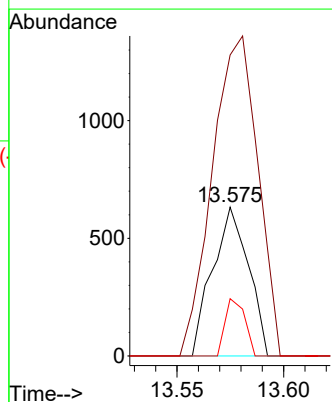
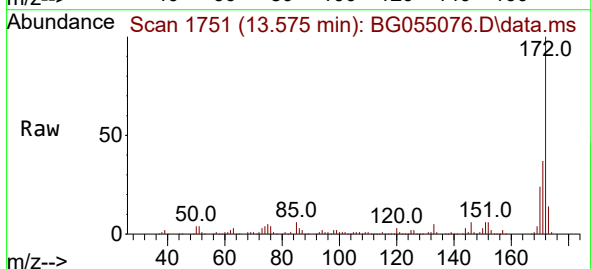
Instrument :
BNA_G
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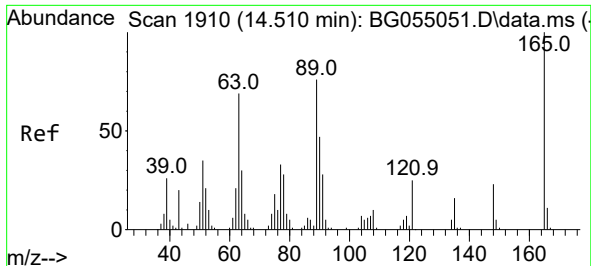
Tgt Ion:172 Resp: 477369
Ion Ratio Lower Upper
172 100
171 37.2 30.1 45.1
170 24.3 20.0 30.0



#48
2-Nitroaniline
Concen: 4.608 ng
RT: 13.575 min Scan# 1751
Delta R.T. -0.447 min
Lab File: BG055076.D
Acq: 5 Oct 2022 13:57

Tgt Ion: 65 Resp: 741
Ion Ratio Lower Upper
65 100
92 202.4 50.9 76.3#
138 38.4 79.5 119.3#

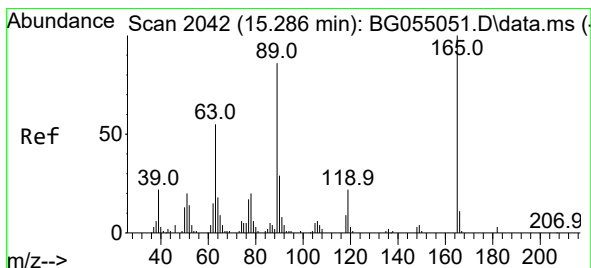
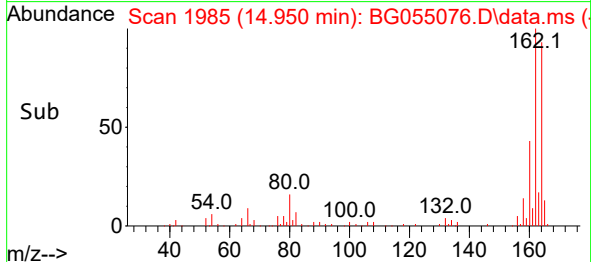
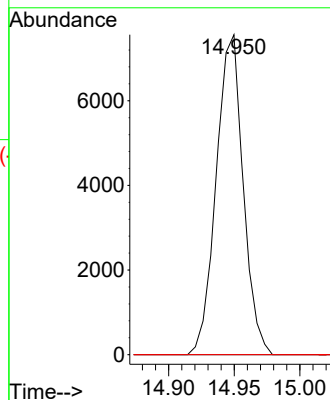
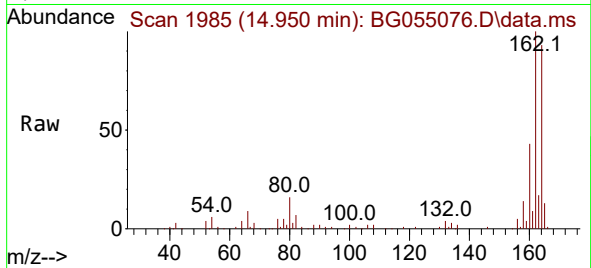




#51
2,6-Dinitrotoluene
Concen: 12.196 ng
RT: 14.950 min Scan# 1910
Delta R.T. 0.440 min
Lab File: BG055076.D
Acq: 5 Oct 2022 13:57

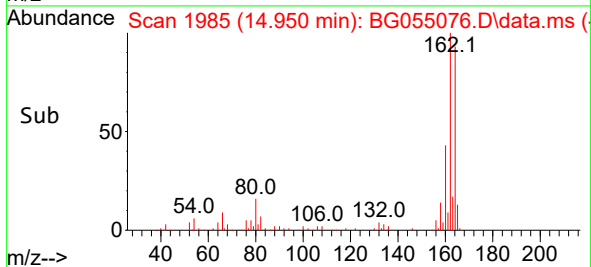
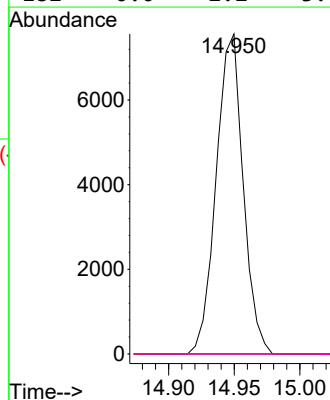
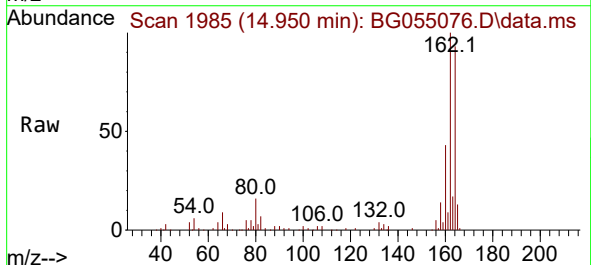
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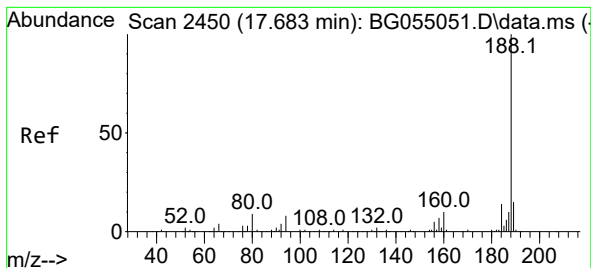
Tgt Ion:165 Resp: 10796
Ion Ratio Lower Upper
165 100
63 0.0 56.2 84.4#
89 0.0 60.4 90.6#



#57
2,4-Dinitrotoluene
Concen: 9.957 ng
RT: 14.950 min Scan# 1985
Delta R.T. -0.336 min
Lab File: BG055076.D
Acq: 5 Oct 2022 13:57

Tgt Ion:165 Resp: 10796
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: 17.682 min Scan# 24

Delta R.T. -0.001 min

Lab File: BG055076.D

Acq: 5 Oct 2022 13:57

Instrument :

BNA_G

ClientSampleId :

PB148087BL

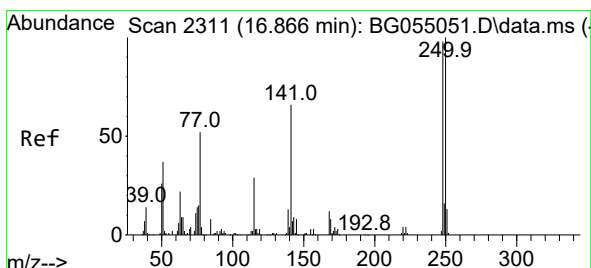
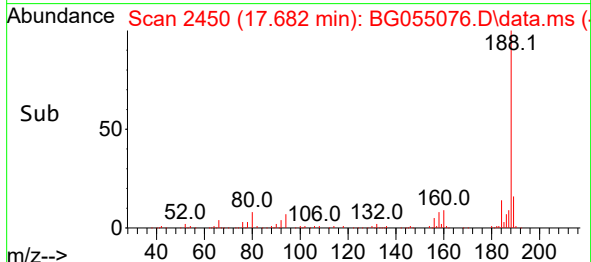
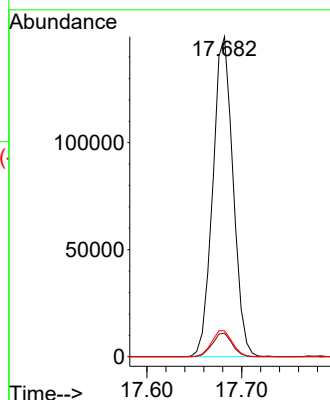
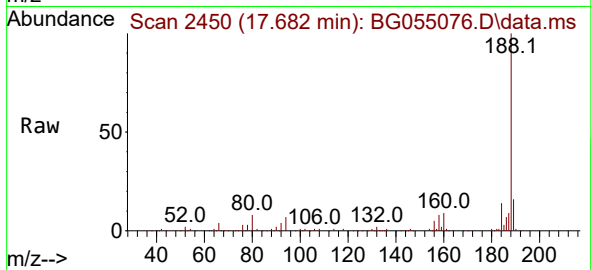
Tgt Ion:188 Resp: 221875

Ion Ratio Lower Upper

188 100

94 7.3 6.2 9.2

80 8.1 7.2 10.8



#67

4-Bromophenyl-phenylether

Concen: 4.474 ng

RT: 16.424 min Scan# 2236

Delta R.T. -0.442 min

Lab File: BG055076.D

Acq: 5 Oct 2022 13:57

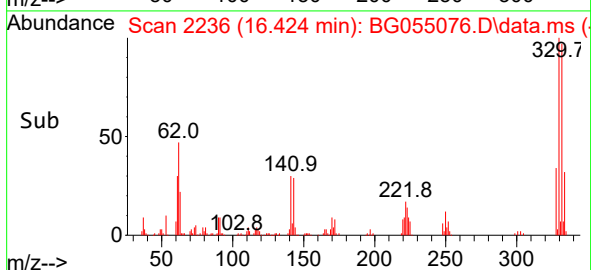
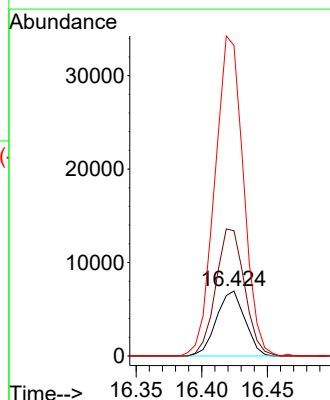
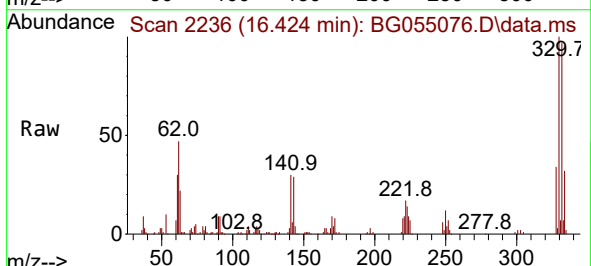
Tgt Ion:248 Resp: 10499

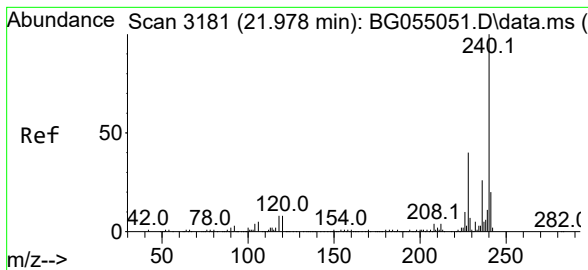
Ion Ratio Lower Upper

248 100

250 193.0 81.7 122.5#

141 478.2 53.7 80.5#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.977 min Scan# 31

Delta R.T. -0.001 min

Lab File: BG055076.D

Acq: 5 Oct 2022 13:57

Instrument :

BNA_G

ClientSampleId :

PB148087BL

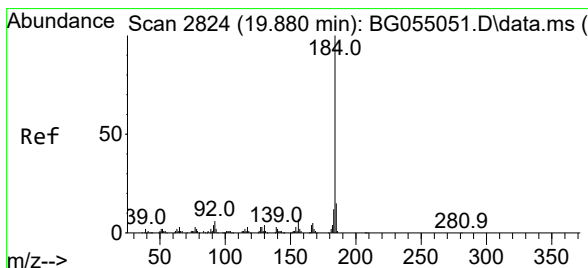
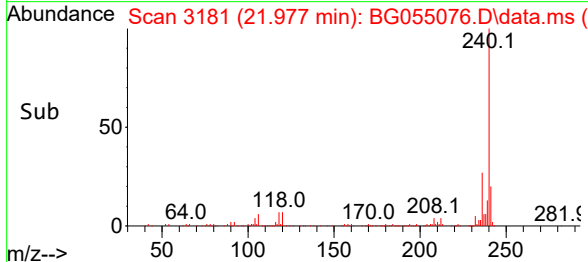
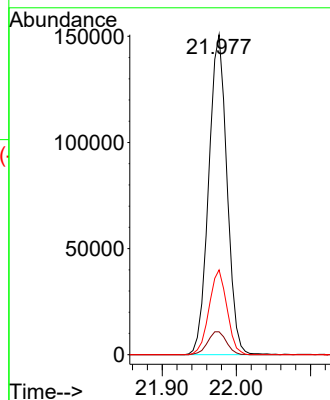
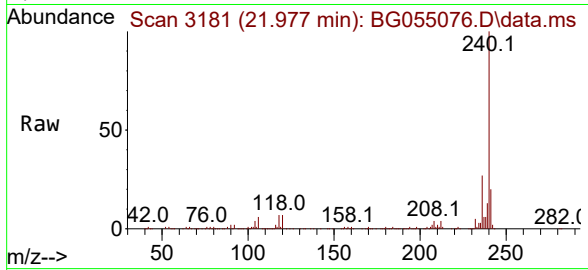
Tgt Ion:240 Resp: 258001

Ion Ratio Lower Upper

240 100

120 7.2 6.2 9.4

236 26.5 20.6 30.8



#77

Benzidine

Concen: 4.368 ng

RT: 20.261 min Scan# 2889

Delta R.T. 0.381 min

Lab File: BG055076.D

Acq: 5 Oct 2022 13:57

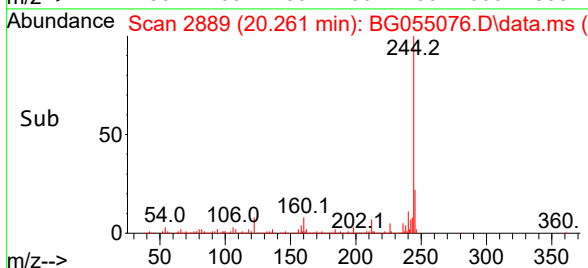
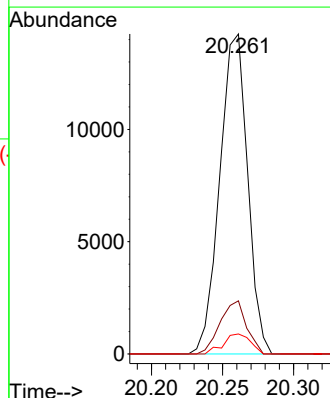
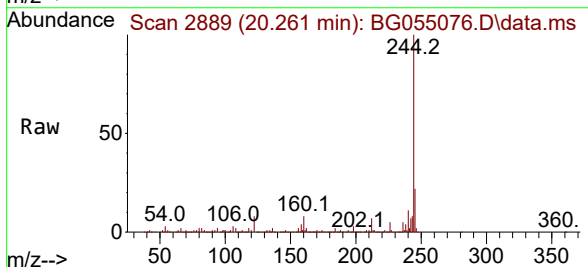
Tgt Ion:184 Resp: 19413

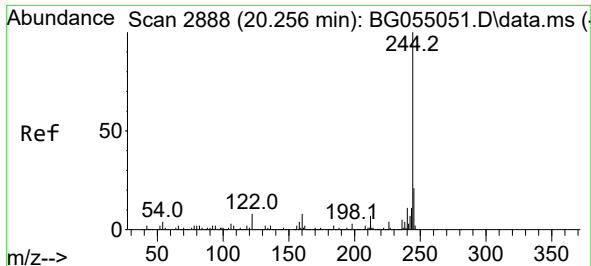
Ion Ratio Lower Upper

184 100

185 16.6 12.2 18.4

183 6.2 9.4 14.0#

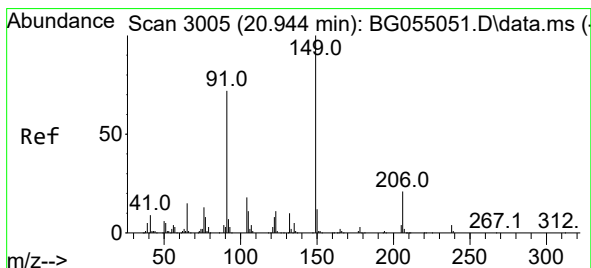
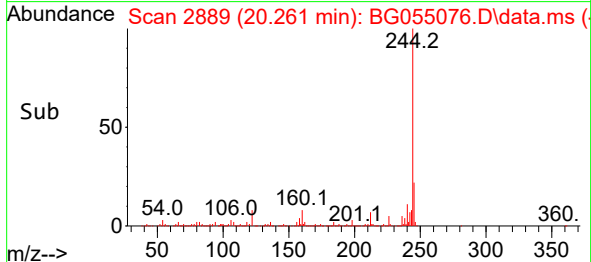
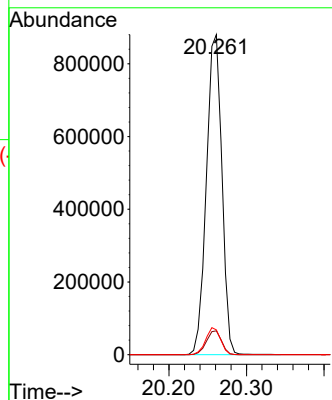
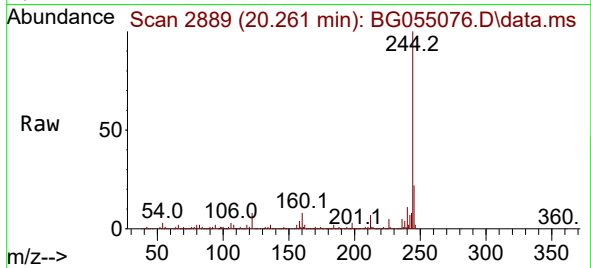




#79
 Terphenyl-d14
 Concen: 95.627 ng
 RT: 20.261 min Scan# 21
 Delta R.T. 0.005 min
 Lab File: BG055076.D
 Acq: 5 Oct 2022 13:57

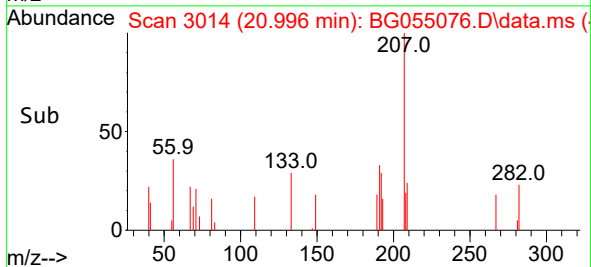
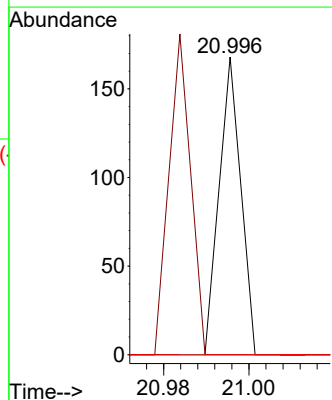
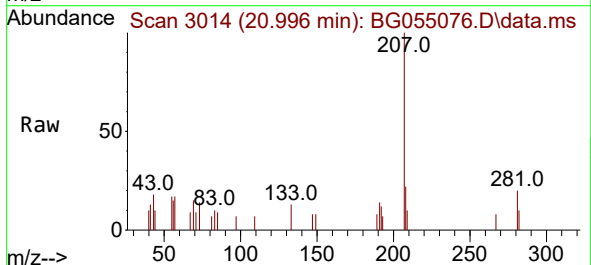
Instrument :
 BNA_G
 ClientSampleId :
 PB148087BL

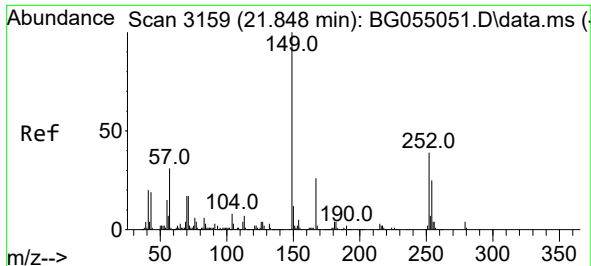
Tgt Ion:244 Resp: 1220658
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.0 9.0
 122 7.7 6.6 10.0



#80
 Butylbenzylphthalate
 Concen: 4.848 ng
 RT: 20.996 min Scan# 3014
 Delta R.T. 0.052 min
 Lab File: BG055076.D
 Acq: 5 Oct 2022 13:57

Tgt Ion:149 Resp: 59
 Ion Ratio Lower Upper
 149 100
 91 0.0 57.8 86.8#
 206 0.0 16.9 25.3#

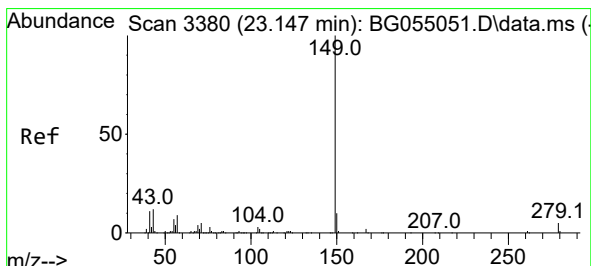
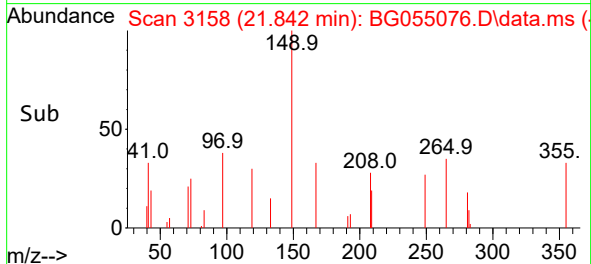
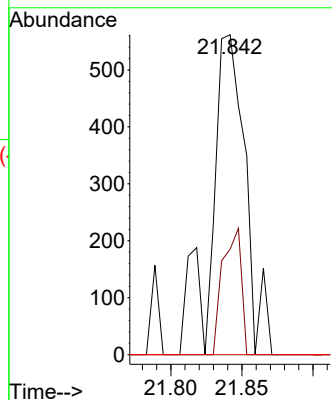
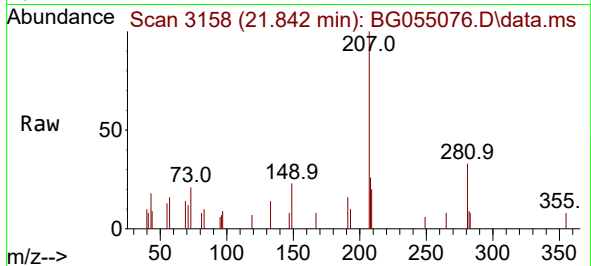




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 4.207 ng
 RT: 21.842 min Scan# 3159
 Delta R.T. -0.006 min
 Lab File: BG055076.D
 Acq: 5 Oct 2022 13:57

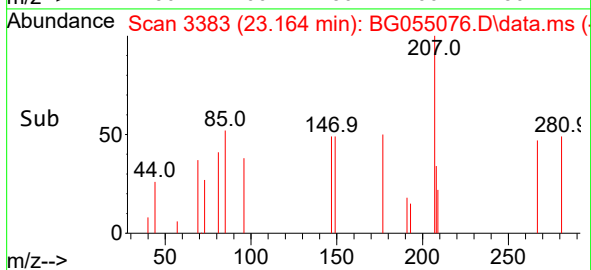
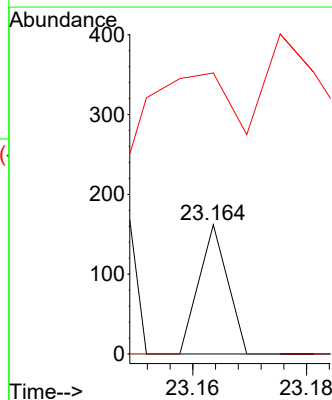
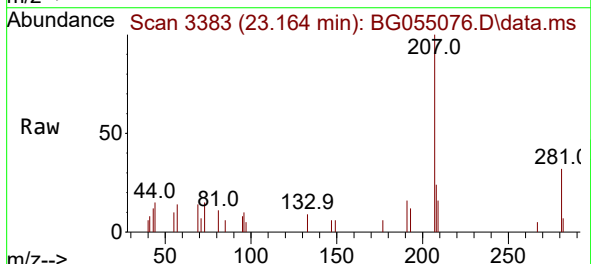
Instrument :
 BNA_G
 ClientSampleId :
 PB148087BL

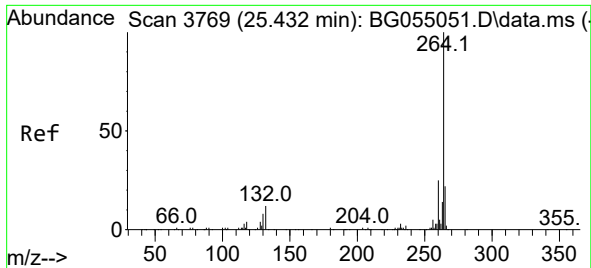
Tgt Ion:149 Resp: 933
 Ion Ratio Lower Upper
 149 100
 167 32.9 21.0 31.4#
 279 0.0 3.4 5.2#



#85
 Di-n-octyl phthalate
 Concen: 4.345 ng
 RT: 23.164 min Scan# 3383
 Delta R.T. 0.017 min
 Lab File: BG055076.D
 Acq: 5 Oct 2022 13:57

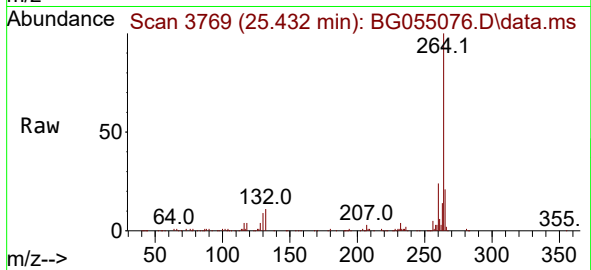
Tgt Ion:149 Resp: 57
 Ion Ratio Lower Upper
 149 100
 167 0.0 1.3 1.9#
 43 352.6 10.2 15.4#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.432 min Scan# 31
 Delta R.T. -0.001 min
 Lab File: BG055076.D
 Acq: 5 Oct 2022 13:57

Instrument :
 BNA_G
 ClientSampleId :
 PB148087BL



Tgt Ion:264 Resp: 264874
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.7 29.5
 265 20.8 17.8 26.6

