

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100622\
 Data File : BG055088.D
 Acq On : 6 Oct 2022 18:59
 Operator : CG/JU
 Sample : N5014-09
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-09-2.0-3.0

Quant Time: Oct 07 01:15:12 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)

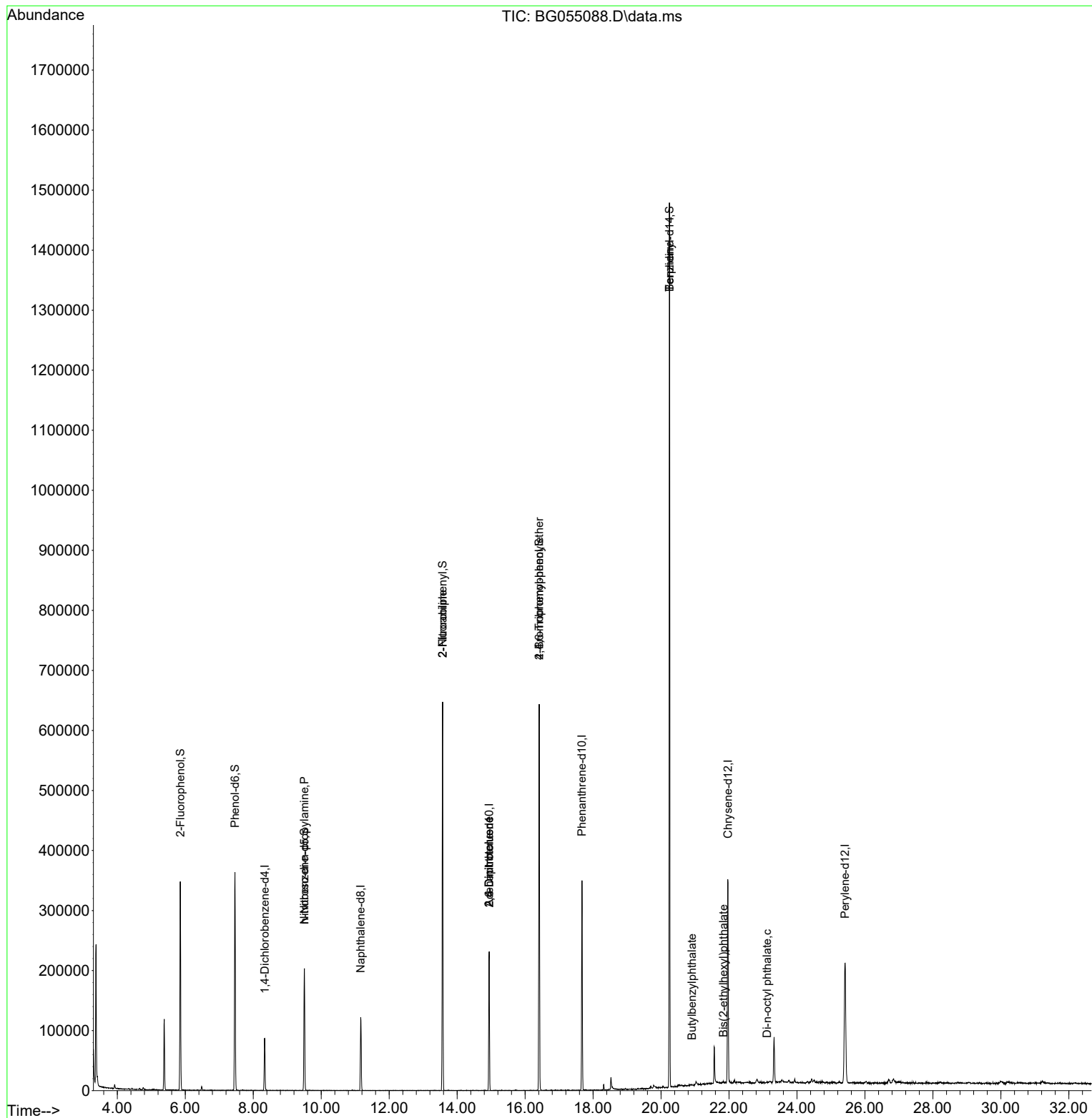
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.338	152	25539	20.000	ng	0.00
21) Naphthalene-d8	11.164	136	103514	20.000	ng	0.00
39) Acenaphthene-d10	14.942	164	81590	20.000	ng	0.00
64) Phenanthrene-d10	17.674	188	221980	20.000	ng	0.00
76) Chrysene-d12	21.969	240	227633	20.000	ng	0.00
86) Perylene-d12	25.412	264	240672	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.853	112	143204	124.545	ng	0.00
7) Phenol-d6	7.463	99	194360	112.817	ng	0.00
23) Nitrobenzene-d5	9.507	82	121889	70.361	ng	0.00
42) 2,4,6-Tribromophenol	16.417	330	128689	150.726	ng	0.00
45) 2-Fluorobiphenyl	13.573	172	317726	60.793	ng	0.00
79) Terphenyl-d14	20.248	244	733758	65.152	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.507	70	17349	10.396	ng	# 79
48) 2-Nitroaniline	13.573	65	504	4.445	ng	# 1
51) 2,6-Dinitrotoluene	14.942	165	10632	12.192	ng	# 13
57) 2,4-Dinitrotoluene	14.942	165	10632	9.954	ng	# 15
67) 4-Bromophenyl-phenylether	16.417	248	7808	3.326	ng	# 1
77) Benzidine	20.248	184	10917	2.784	ng	# 89
80) Butylbenzylphthalate	20.912	149	63	4.850	ng	# 23
84) Bis(2-ethylhexyl)phtha...	21.834	149	1139	4.248	ng	# 81
85) Di-n-octyl phthalate	23.121	149	58	4.345	ng	# 1

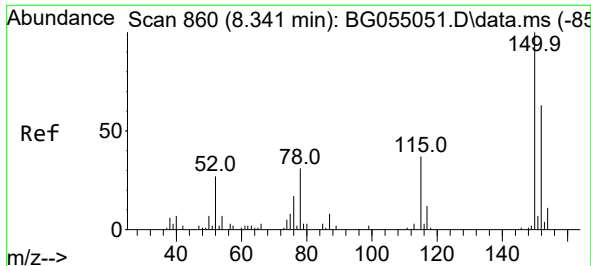
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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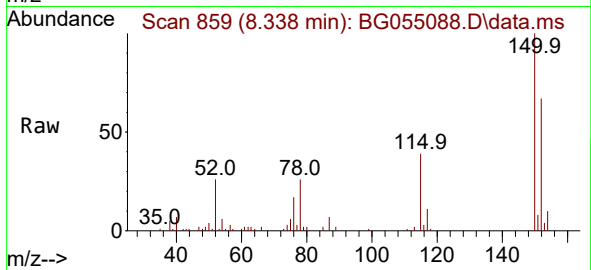
Quant Time: Oct 07 01:15:12 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100322.M
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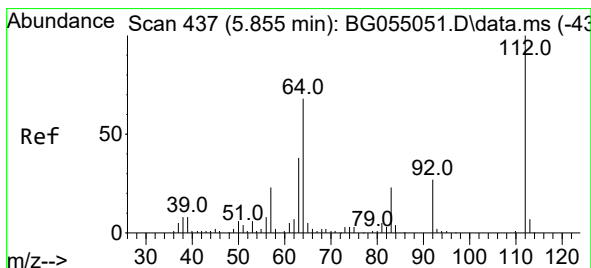
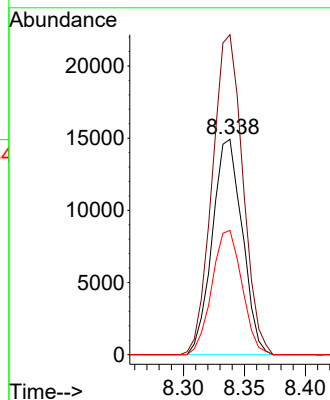
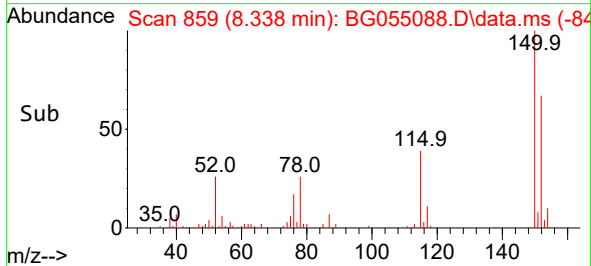


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.338 min Scan# 81
Delta R.T. -0.003 min
Lab File: BG055088.D
Acq: 6 Oct 2022 18:59

Instrument :
BNA_G
ClientSampleId :
SB-09-2.0-3.0

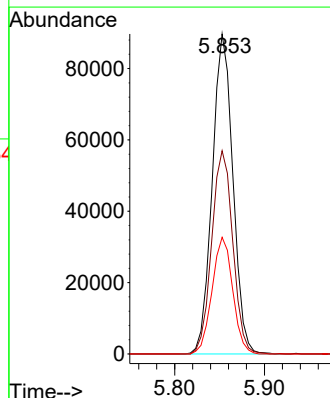
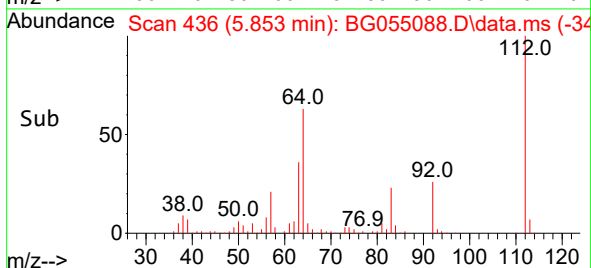
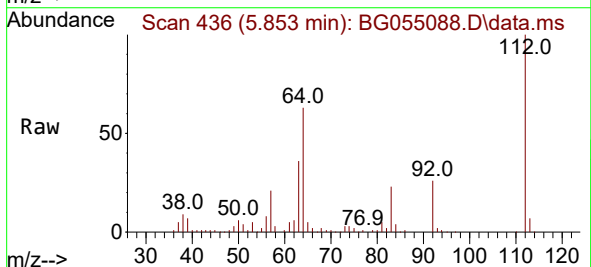


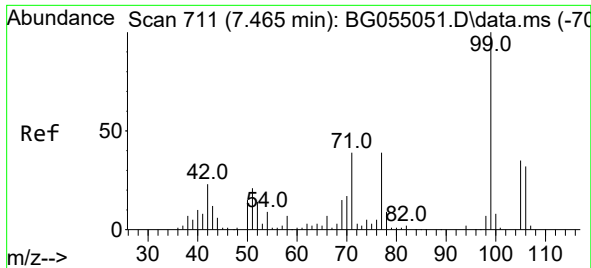
Tgt Ion:152 Resp: 25539
Ion Ratio Lower Upper
152 100
150 148.5 128.0 192.0
115 57.7 47.7 71.5



#5
2-Fluorophenol
Concen: 124.545 ng
RT: 5.853 min Scan# 436
Delta R.T. -0.002 min
Lab File: BG055088.D
Acq: 6 Oct 2022 18:59

Tgt Ion:112 Resp: 143204
Ion Ratio Lower Upper
112 100
64 63.5 54.5 81.7
63 36.5 30.5 45.7

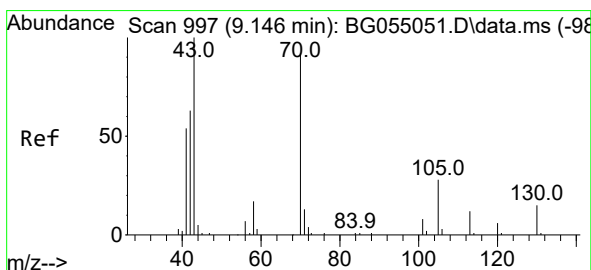
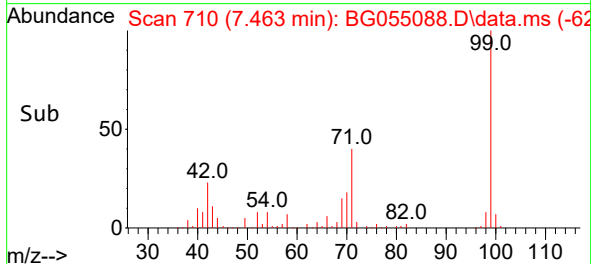
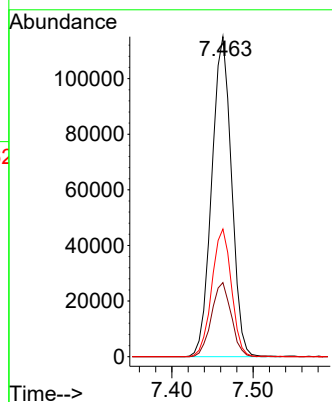
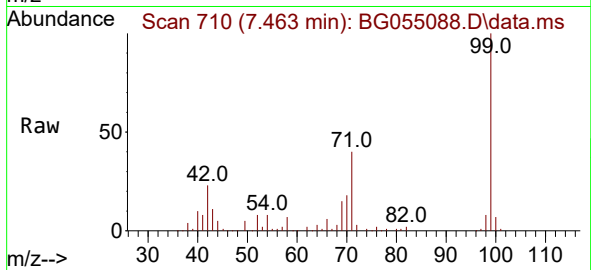




#7
Phenol-d6
Concen: 112.817 ng
RT: 7.463 min Scan# 71
Delta R.T. -0.002 min
Lab File: BG055088.D
Acq: 6 Oct 2022 18:59

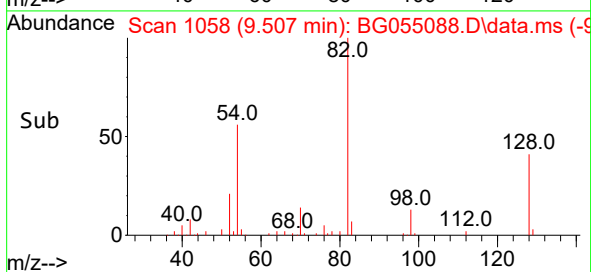
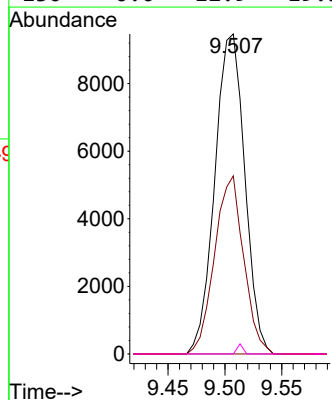
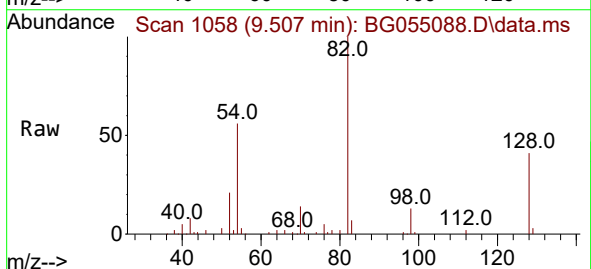
Instrument :
BNA_G
ClientSampleId :
SB-09-2.0-3.0

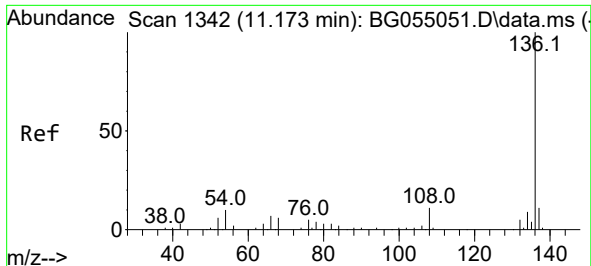
Tgt Ion: 99 Resp: 194360
Ion Ratio Lower Upper
99 100
42 23.2 18.6 28.0
71 39.9 31.2 46.8



#19
n-Nitroso-di-n-propylamine
Concen: 10.396 ng
RT: 9.507 min Scan# 1058
Delta R.T. 0.362 min
Lab File: BG055088.D
Acq: 6 Oct 2022 18:59

Tgt Ion: 70 Resp: 17349
Ion Ratio Lower Upper
70 100
42 55.6 55.8 83.6#
101 0.0 7.1 10.7#
130 0.0 12.9 19.3#

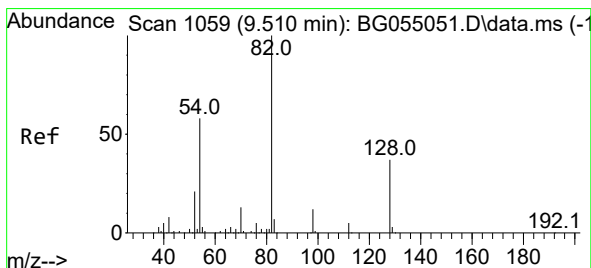
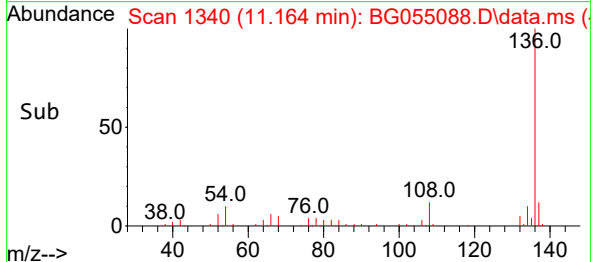
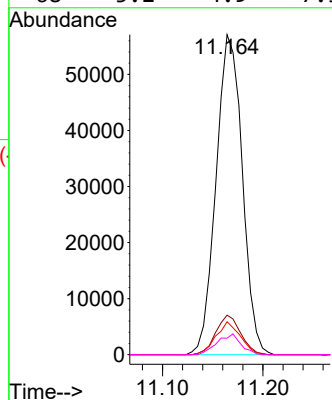
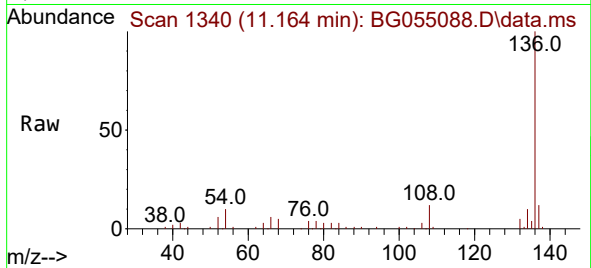




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.164 min Scan# 11
Delta R.T. -0.008 min
Lab File: BG055088.D
Acq: 6 Oct 2022 18:59

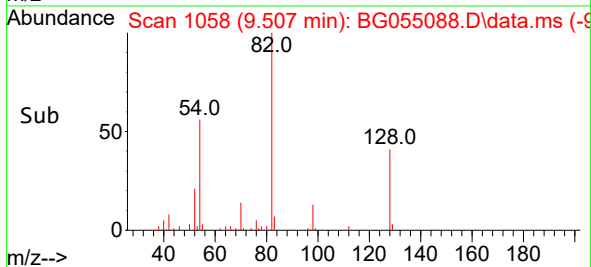
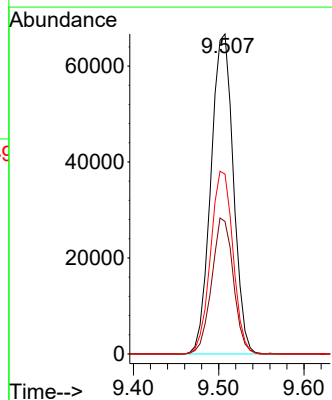
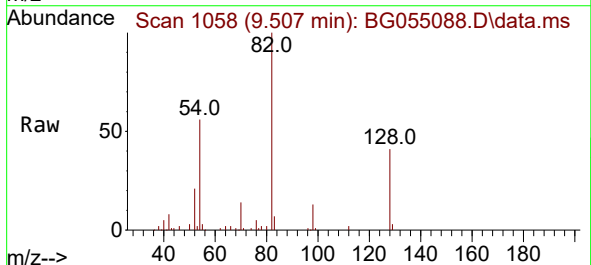
Instrument :
BNA_G
ClientSampleId :
SB-09-2.0-3.0

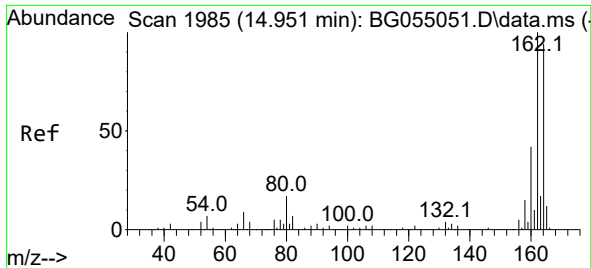
Tgt Ion:	136	Resp:	103514
Ion Ratio	Lower	Upper	
136	100		
137	12.3	8.7	13.1
54	10.3	8.2	12.4
68	5.2	4.9	7.3



#23
Nitrobenzene-d5
Concen: 70.361 ng
RT: 9.507 min Scan# 1058
Delta R.T. -0.003 min
Lab File: BG055088.D
Acq: 6 Oct 2022 18:59

Tgt Ion:	82	Resp:	121889
Ion Ratio	Lower	Upper	
82	100		
128	41.4	29.5	44.3
54	56.2	46.7	70.1

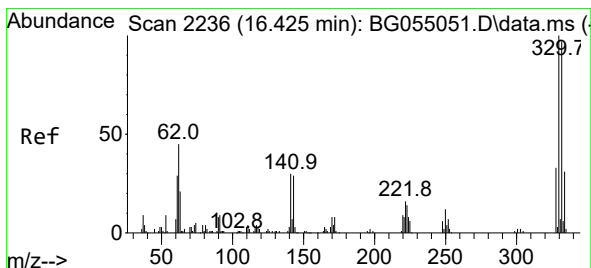
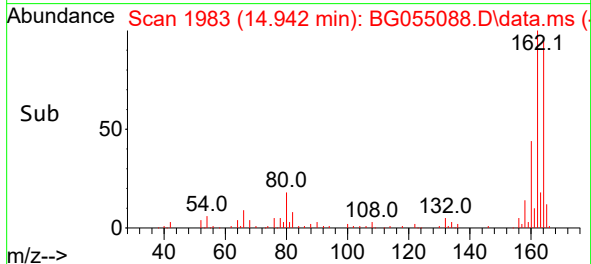
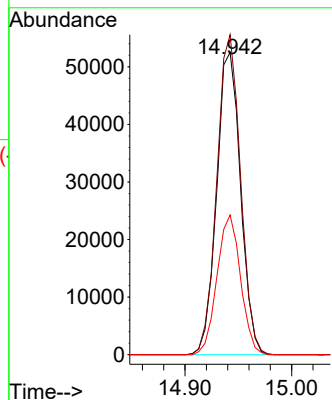
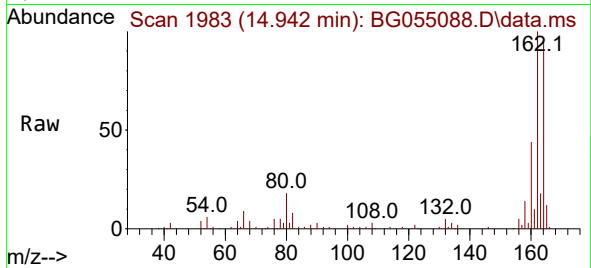




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.942 min Scan# 1983
Delta R.T. -0.008 min
Lab File: BG055088.D
Acq: 6 Oct 2022 18:59

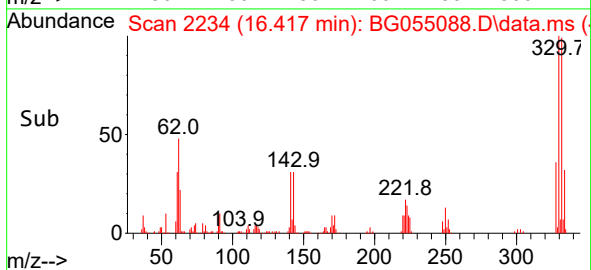
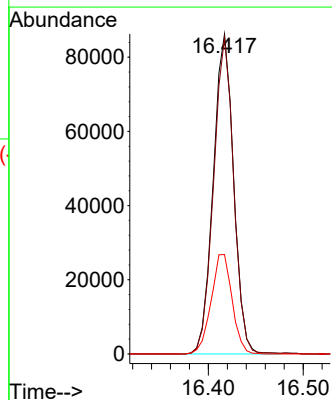
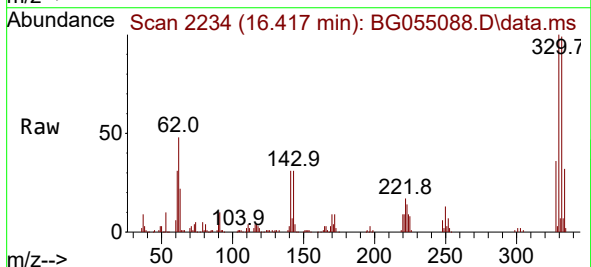
Instrument :
BNA_G
ClientSampleId :
SB-09-2.0-3.0

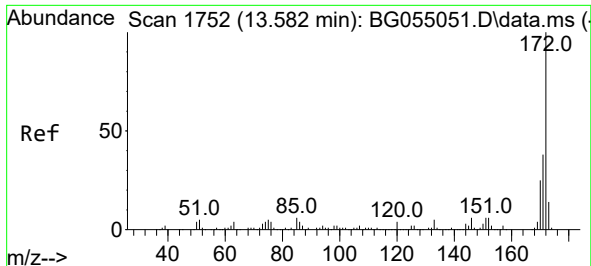
Tgt Ion:164 Resp: 81590
Ion Ratio Lower Upper
164 100
162 105.8 85.5 128.3
160 46.2 35.5 53.3



#42
2,4,6-Tribromophenol
Concen: 150.726 ng
RT: 16.417 min Scan# 2234
Delta R.T. -0.008 min
Lab File: BG055088.D
Acq: 6 Oct 2022 18:59

Tgt Ion:330 Resp: 128689
Ion Ratio Lower Upper
330 100
332 97.6 77.4 116.0
141 32.1 25.0 37.4

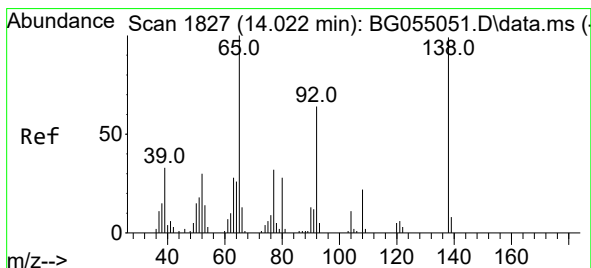
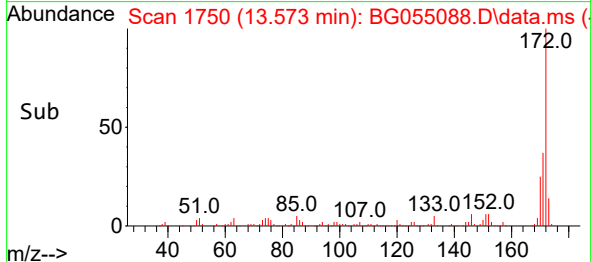
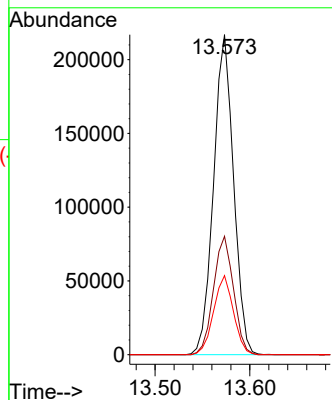
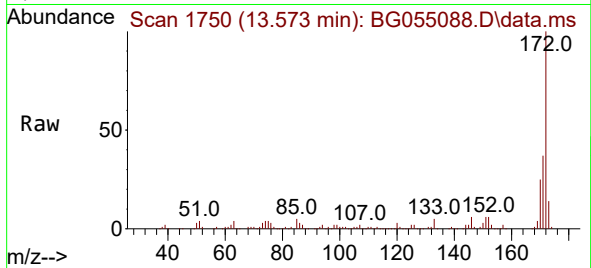




#45
2-Fluorobiphenyl
Concen: 60.793 ng
RT: 13.573 min Scan# 1750
Delta R.T. -0.009 min
Lab File: BG055088.D
Acq: 6 Oct 2022 18:59

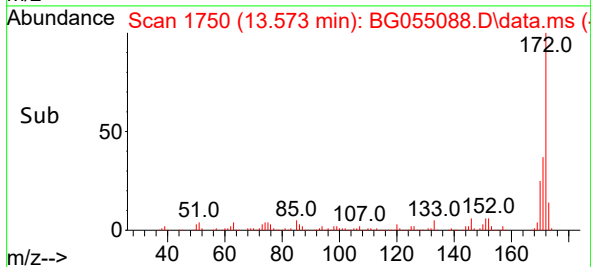
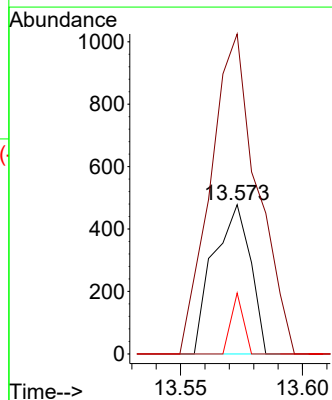
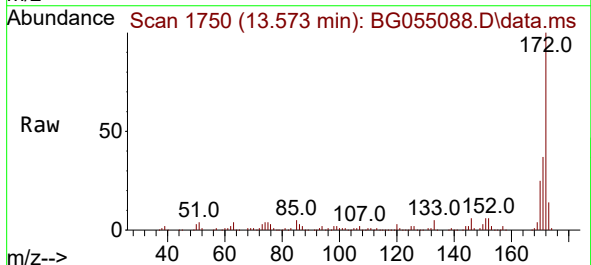
Instrument :
BNA_G
ClientSampleId :
SB-09-2.0-3.0

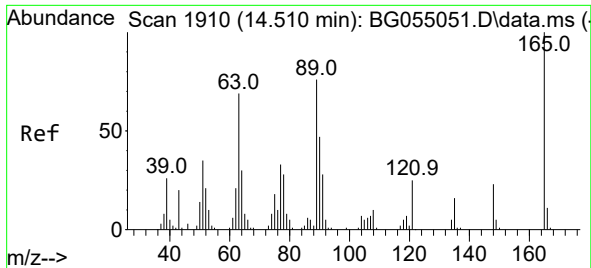
Tgt Ion:172 Resp: 317726
Ion Ratio Lower Upper
172 100
171 37.0 30.1 45.1
170 24.7 20.0 30.0



#48
2-Nitroaniline
Concen: 4.445 ng
RT: 13.573 min Scan# 1750
Delta R.T. -0.449 min
Lab File: BG055088.D
Acq: 6 Oct 2022 18:59

Tgt Ion: 65 Resp: 504
Ion Ratio Lower Upper
65 100
92 214.4 50.9 76.3#
138 40.8 79.5 119.3#

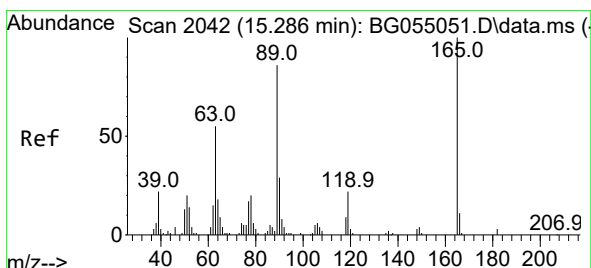
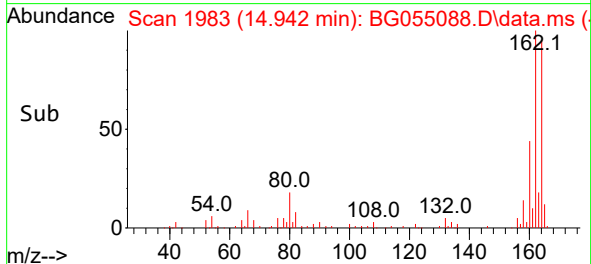
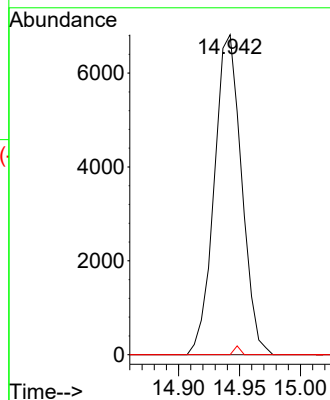
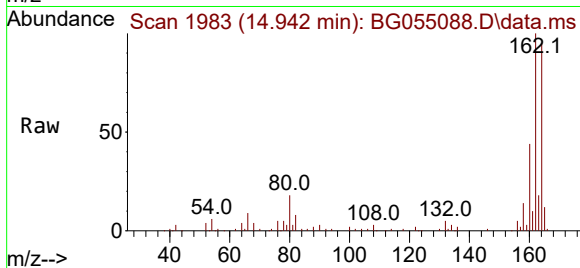




#51
2,6-Dinitrotoluene
Concen: 12.192 ng
RT: 14.942 min Scan# 1910
Delta R.T. 0.432 min
Lab File: BG055088.D
Acq: 6 Oct 2022 18:59

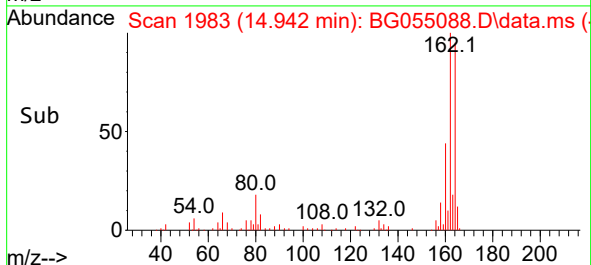
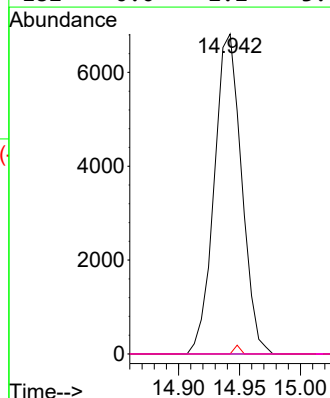
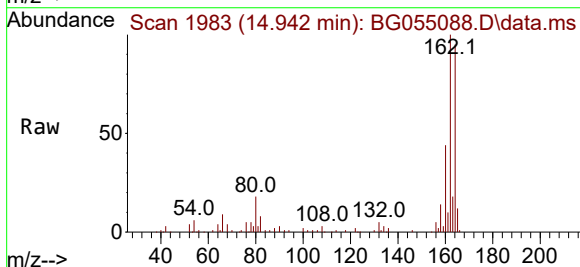
Instrument :
BNA_G
ClientSampleId :
SB-09-2.0-3.0

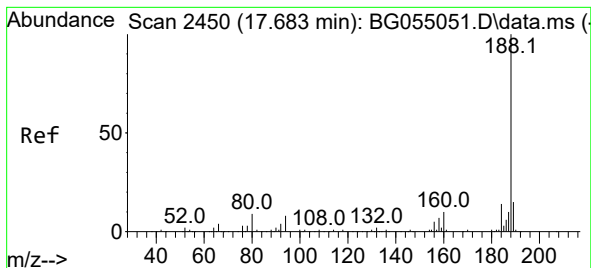
Tgt Ion:165 Resp: 10632
Ion Ratio Lower Upper
165 100
63 0.0 56.2 84.4#
89 0.0 60.4 90.6#



#57
2,4-Dinitrotoluene
Concen: 9.954 ng
RT: 14.942 min Scan# 1983
Delta R.T. -0.344 min
Lab File: BG055088.D
Acq: 6 Oct 2022 18:59

Tgt Ion:165 Resp: 10632
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: 17.674 min Scan# 24

Delta R.T. -0.008 min

Lab File: BG055088.D

Acq: 6 Oct 2022 18:59

Instrument :

BNA_G

ClientSampleId :

SB-09-2.0-3.0

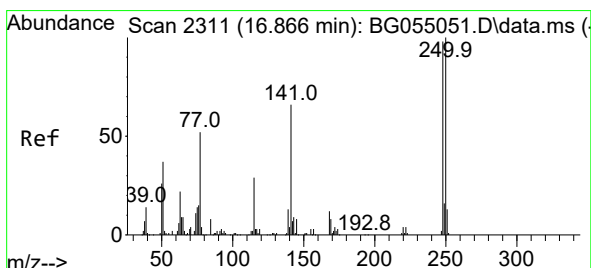
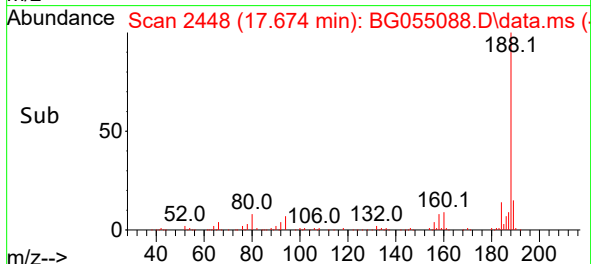
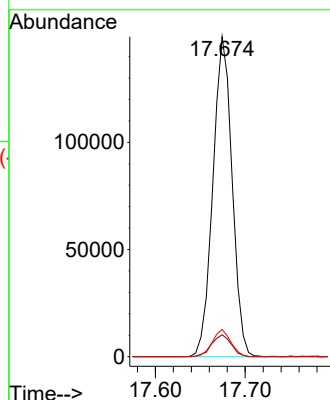
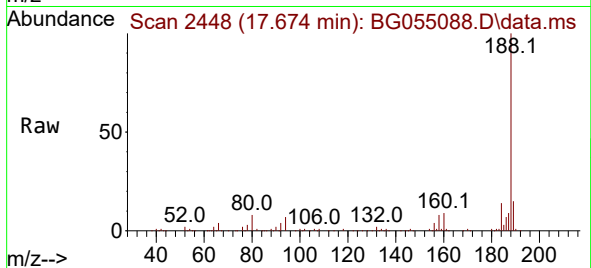
Tgt Ion:188 Resp: 221980

Ion Ratio Lower Upper

188 100

94 6.8 6.2 9.2

80 8.5 7.2 10.8



#67

4-Bromophenyl-phenylether

Concen: 3.326 ng

RT: 16.417 min Scan# 2234

Delta R.T. -0.449 min

Lab File: BG055088.D

Acq: 6 Oct 2022 18:59

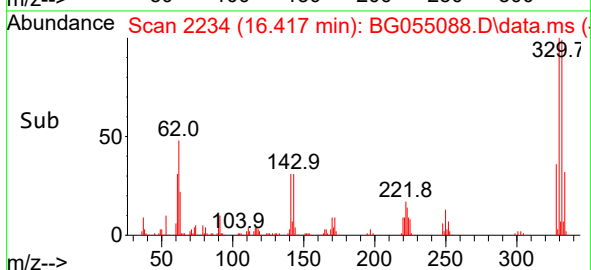
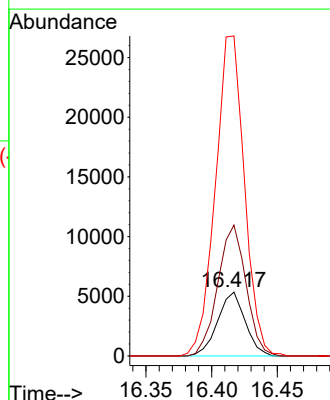
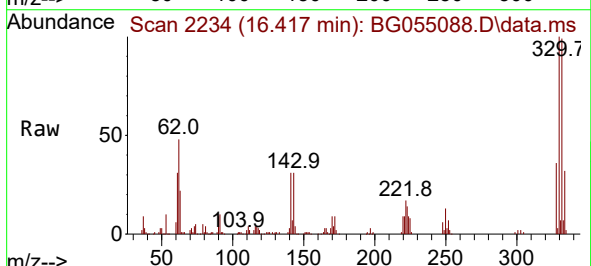
Tgt Ion:248 Resp: 7808

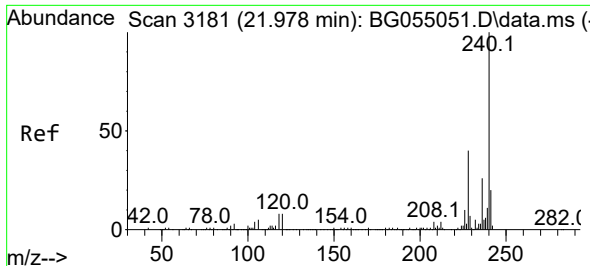
Ion Ratio Lower Upper

248 100

250 205.0 81.7 122.5#

141 501.1 53.7 80.5#

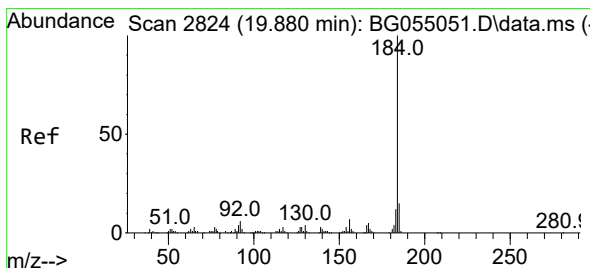
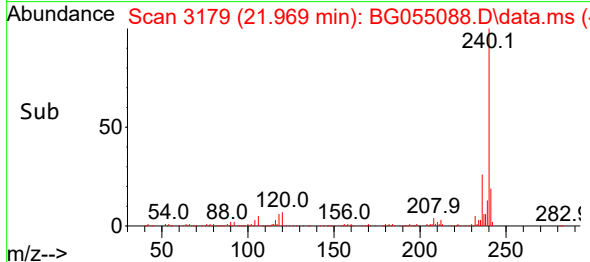
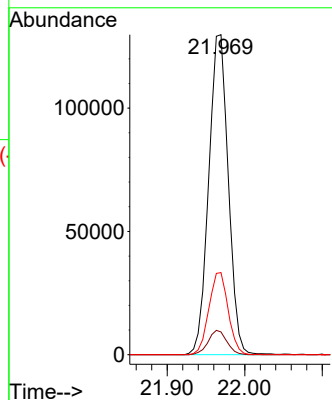
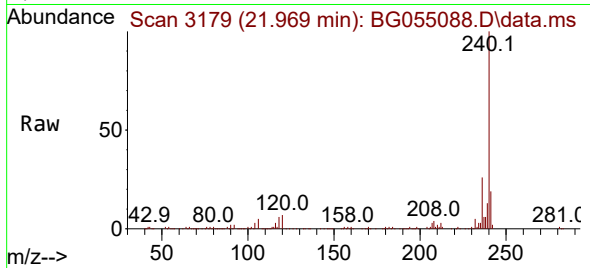




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.969 min Scan# 3181
Delta R.T. -0.008 min
Lab File: BG055088.D
Acq: 6 Oct 2022 18:59

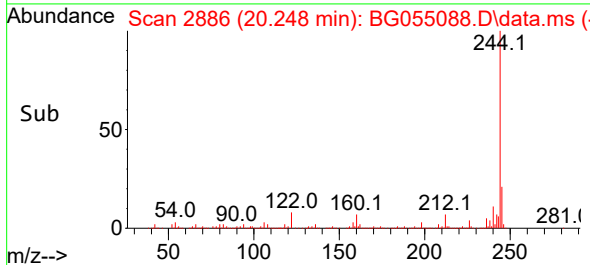
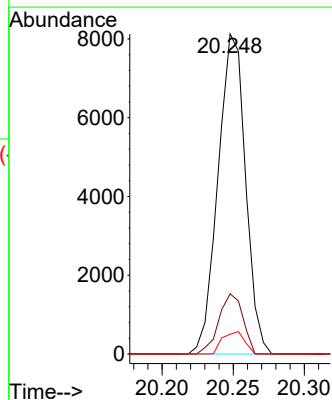
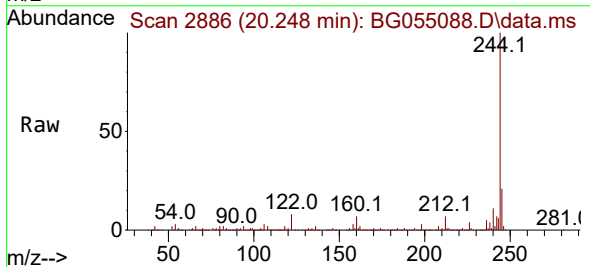
Instrument :
BNA_G
ClientSampleId :
SB-09-2.0-3.0

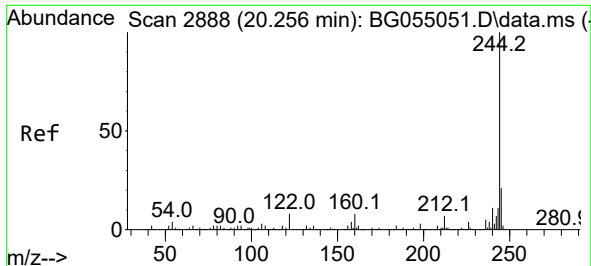
Tgt Ion:240 Resp: 227633
Ion Ratio Lower Upper
240 100
120 7.1 6.2 9.4
236 25.7 20.6 30.8



#77
Benzidine
Concen: 2.784 ng
RT: 20.248 min Scan# 2886
Delta R.T. 0.368 min
Lab File: BG055088.D
Acq: 6 Oct 2022 18:59

Tgt Ion:184 Resp: 10917
Ion Ratio Lower Upper
184 100
185 18.8 12.2 18.4#
183 6.1 9.4 14.0#

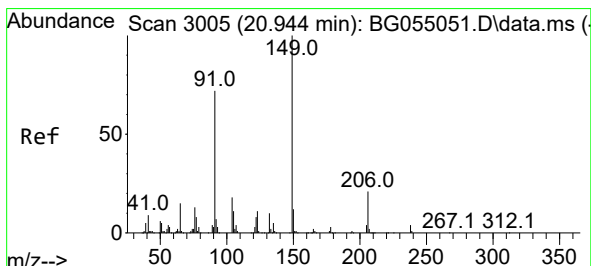
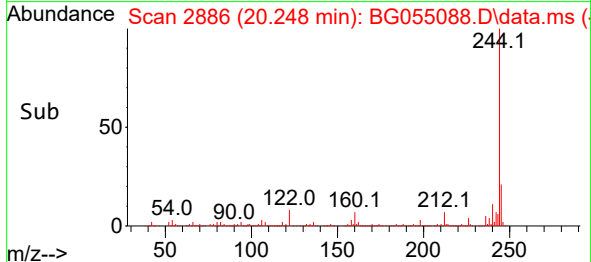
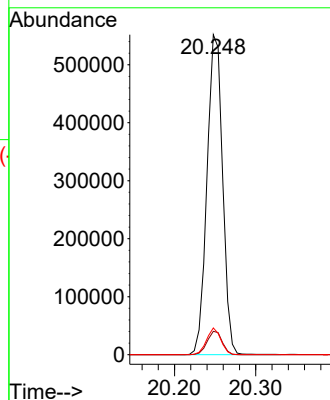
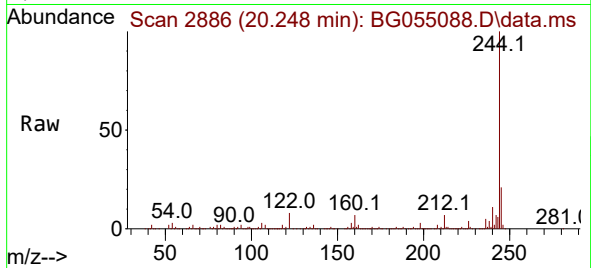




#79
 Terphenyl-d14
 Concen: 65.152 ng
 RT: 20.248 min Scan# 21
 Delta R.T. -0.008 min
 Lab File: BG055088.D
 Acq: 6 Oct 2022 18:59

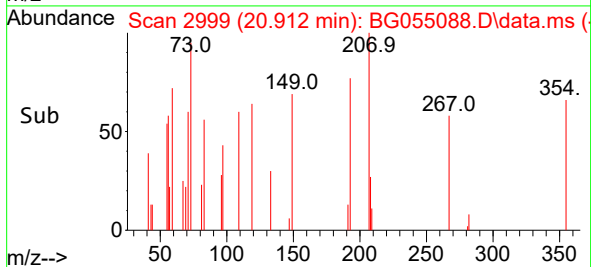
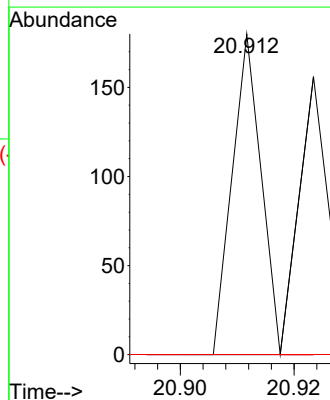
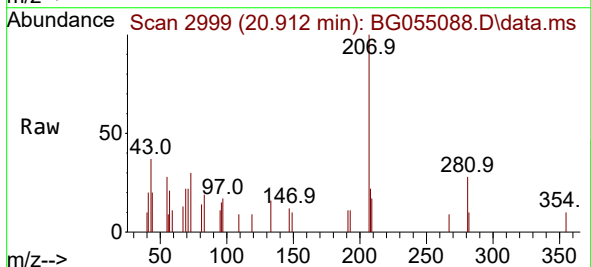
Instrument :
 BNA_G
 ClientSampleId :
 SB-09-2.0-3.0

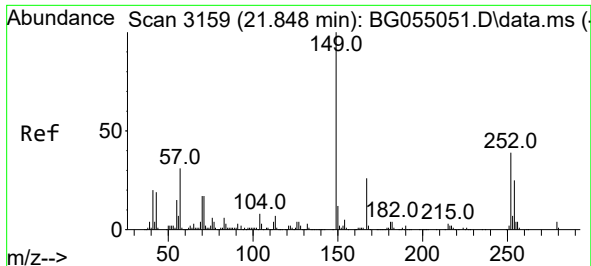
Tgt Ion:244 Resp: 733758
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.0 9.0
 122 8.3 6.6 10.0



#80
 Butylbenzylphthalate
 Concen: 4.850 ng
 RT: 20.912 min Scan# 2999
 Delta R.T. -0.032 min
 Lab File: BG055088.D
 Acq: 6 Oct 2022 18:59

Tgt Ion:149 Resp: 63
 Ion Ratio Lower Upper
 149 100
 91 0.0 57.8 86.8#
 206 0.0 16.9 25.3#

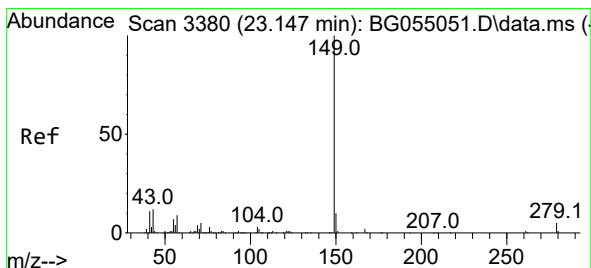
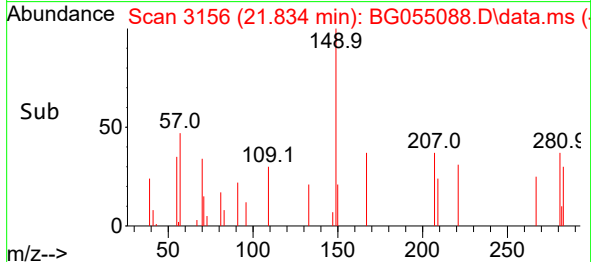
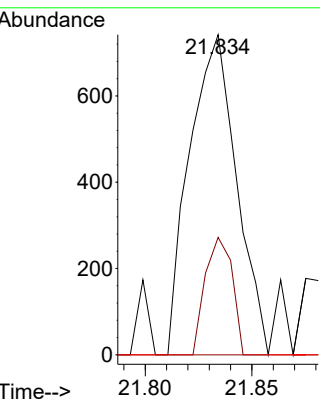
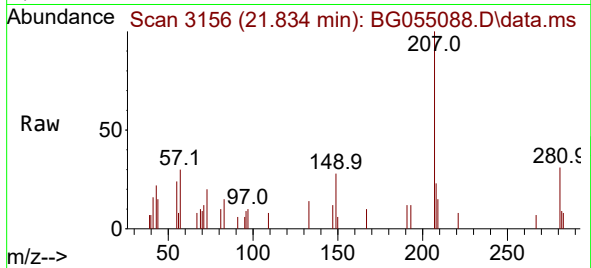




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 4.248 ng
 RT: 21.834 min Scan# 3156
 Delta R.T. -0.014 min
 Lab File: BG055088.D
 Acq: 6 Oct 2022 18:59

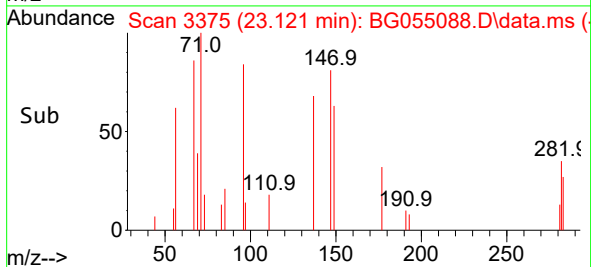
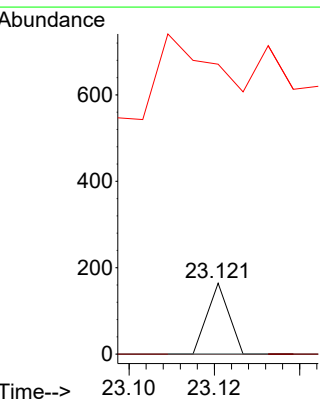
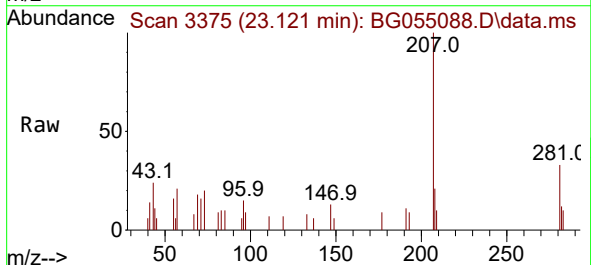
Instrument :
 BNA_G
 ClientSampleId :
 SB-09-2.0-3.0

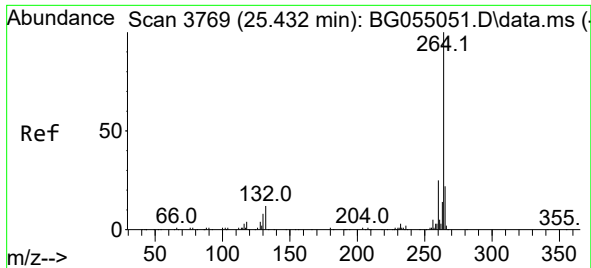
Tgt Ion:149 Resp: 1139
 Ion Ratio Lower Upper
 149 100
 167 36.7 21.0 31.4#
 279 0.0 3.4 5.2#



#85
 Di-n-octyl phthalate
 Concen: 4.345 ng
 RT: 23.121 min Scan# 3375
 Delta R.T. -0.026 min
 Lab File: BG055088.D
 Acq: 6 Oct 2022 18:59

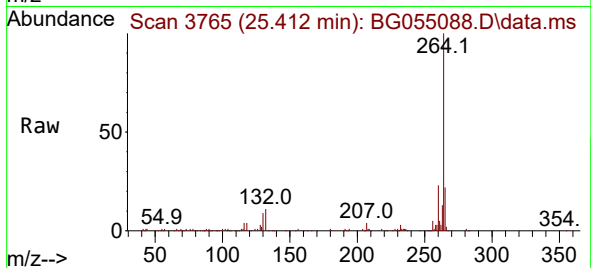
Tgt Ion:149 Resp: 58
 Ion Ratio Lower Upper
 149 100
 167 0.0 1.3 1.9#
 43 320.7 10.2 15.4#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.412 min Scan# 31
 Delta R.T. -0.020 min
 Lab File: BG055088.D
 Acq: 6 Oct 2022 18:59

Instrument :
 BNA_G
 ClientSampleId :
 SB-09-2.0-3.0



Tgt Ion:264 Resp: 240672
 Ion Ratio Lower Upper
 264 100
 260 22.8 19.7 29.5
 265 21.8 17.8 26.6

