

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100622\
 Data File : BG055081.D
 Acq On : 6 Oct 2022 12:53
 Operator : CG/JU
 Sample : PB148113BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB148113BL

Quant Time: Oct 07 01:13:21 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)

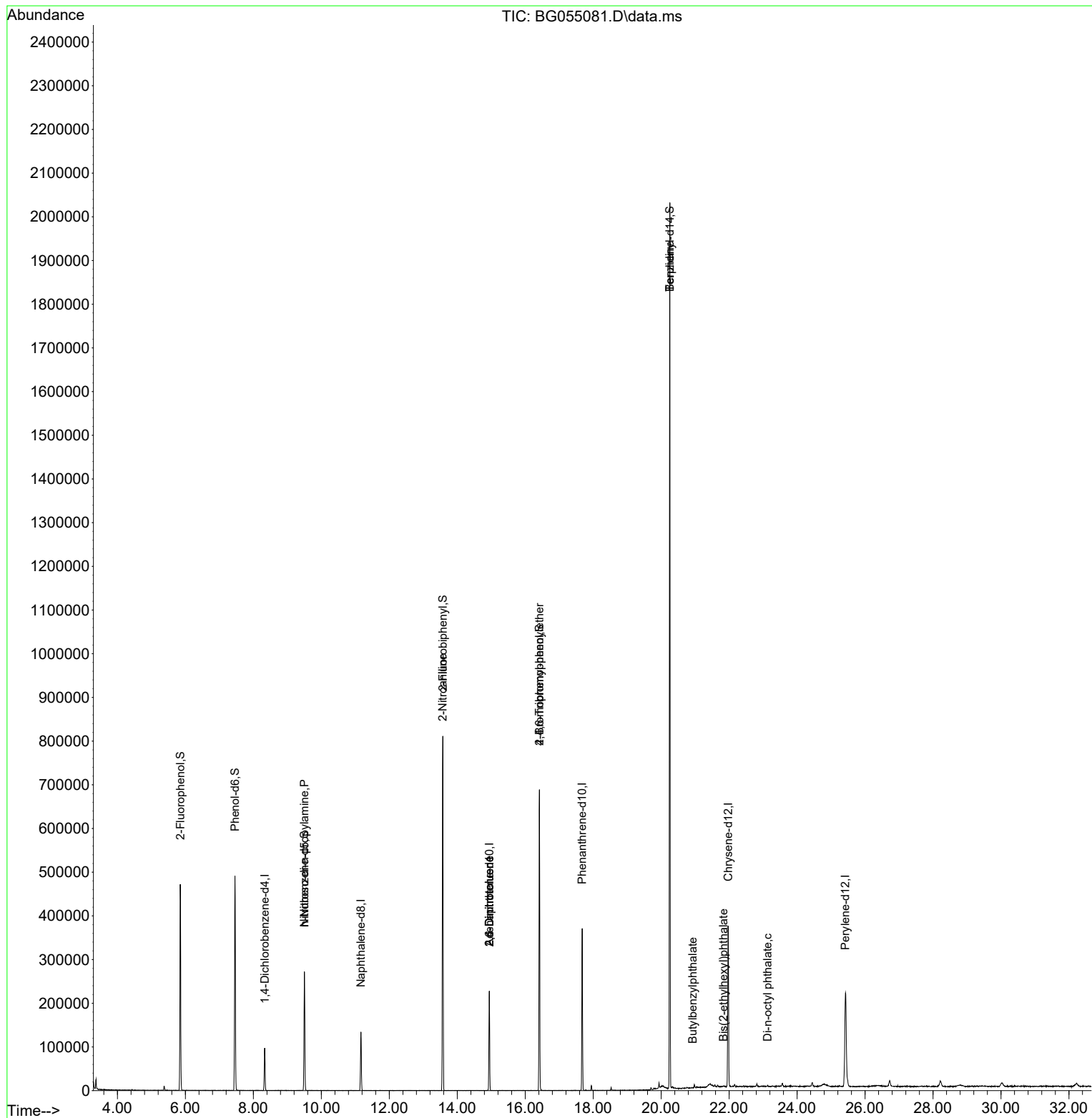
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.335	152	26495	20.000	ng	0.00
21) Naphthalene-d8	11.167	136	111079	20.000	ng	0.00
39) Acenaphthene-d10	14.945	164	82623	20.000	ng	0.00
64) Phenanthrene-d10	17.677	188	228007	20.000	ng	0.00
76) Chrysene-d12	21.972	240	248045	20.000	ng	0.00
86) Perylene-d12	25.421	264	263032	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.850	112	193329	162.072	ng	0.00
7) Phenol-d6	7.459	99	255908	143.183	ng	0.00
23) Nitrobenzene-d5	9.504	82	156844	84.373	ng	0.00
42) 2,4,6-Tribromophenol	16.420	330	135492	156.460	ng	0.00
45) 2-Fluorobiphenyl	13.576	172	406610	76.827	ng	0.00
79) Terphenyl-d14	20.256	244	983747	80.160	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.504	70	21839	12.614	ng	# 79
48) 2-Nitroaniline	13.570	65	707	4.585	ng	# 1
51) 2,6-Dinitrotoluene	14.945	165	10554	12.021	ng	# 13
57) 2,4-Dinitrotoluene	14.945	165	10554	9.829	ng	# 15
67) 4-Bromophenyl-phenylether	16.420	248	8182	3.393	ng	# 1
77) Benzidine	20.256	184	15051	3.522	ng	# 95
80) Butylbenzylphthalate	20.932	149	351	4.900	ng	# 89
84) Bis(2-ethylhexyl)phtha...	21.831	149	892	4.207	ng	# 96
85) Di-n-octyl phthalate	23.135	149	2264	4.500	ng	# 89

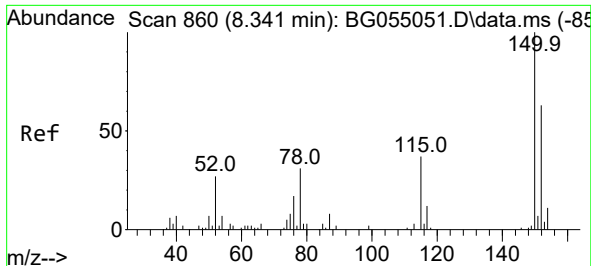
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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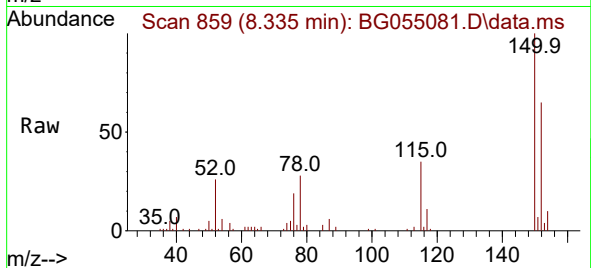
Quant Time: Oct 07 01:13:21 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100322.M
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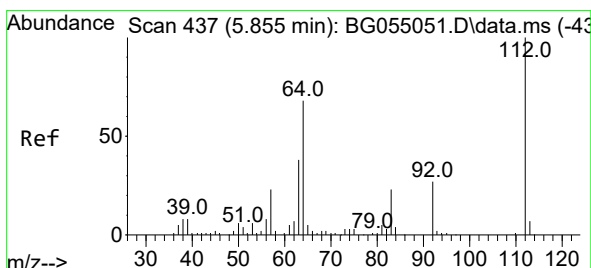
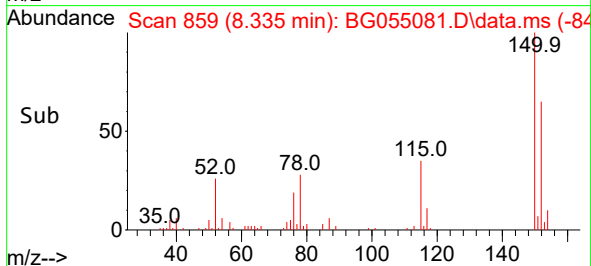
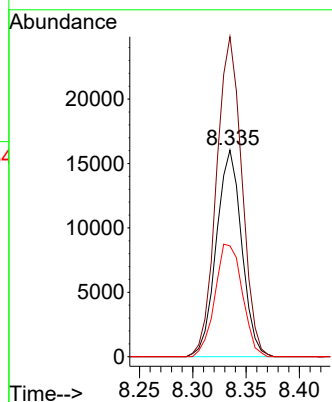


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.335 min Scan# 81
Delta R.T. -0.006 min
Lab File: BG055081.D
Acq: 6 Oct 2022 12:53

Instrument :
BNA_G
ClientSampleId :
PB148113BL

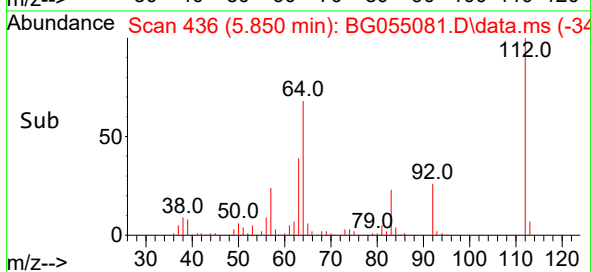
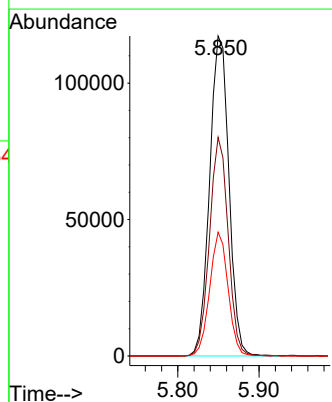
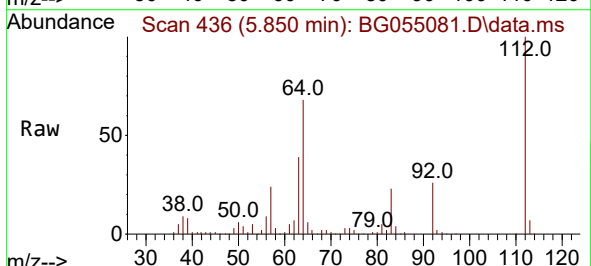


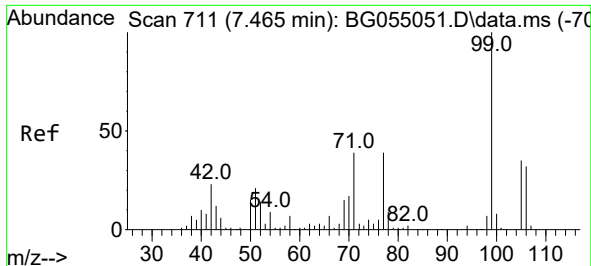
Tgt Ion:152 Resp: 26495
Ion Ratio Lower Upper
152 100
150 154.9 128.0 192.0
115 53.7 47.7 71.5



#5
2-Fluorophenol
Concen: 162.072 ng
RT: 5.850 min Scan# 436
Delta R.T. -0.005 min
Lab File: BG055081.D
Acq: 6 Oct 2022 12:53

Tgt Ion:112 Resp: 193329
Ion Ratio Lower Upper
112 100
64 68.3 54.5 81.7
63 38.7 30.5 45.7

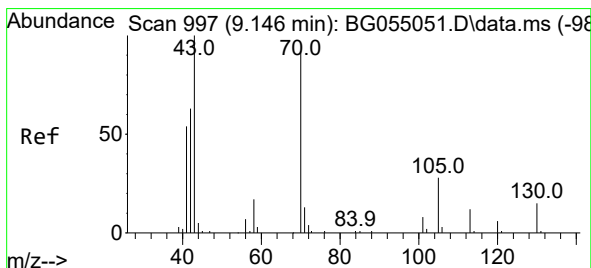
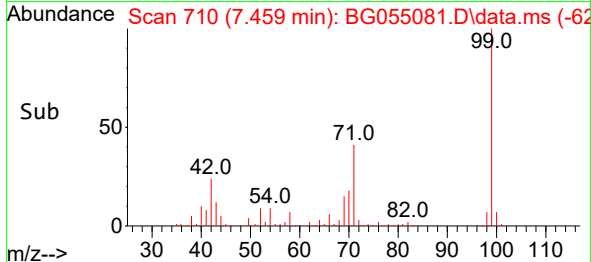
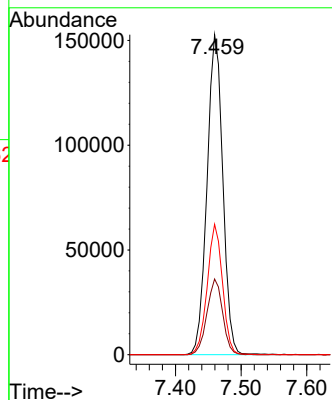
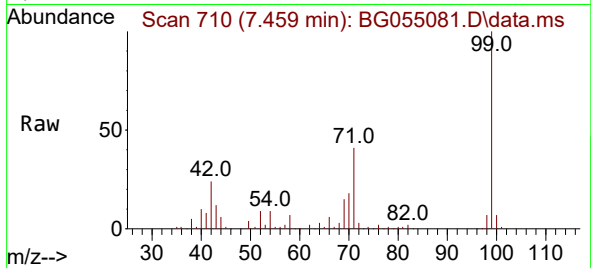




#7
Phenol-d6
Concen: 143.183 ng
RT: 7.459 min Scan# 711
Delta R.T. -0.006 min
Lab File: BG055081.D
Acq: 6 Oct 2022 12:53

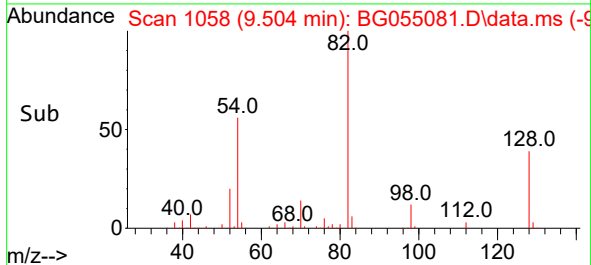
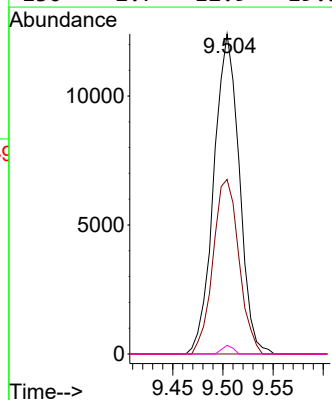
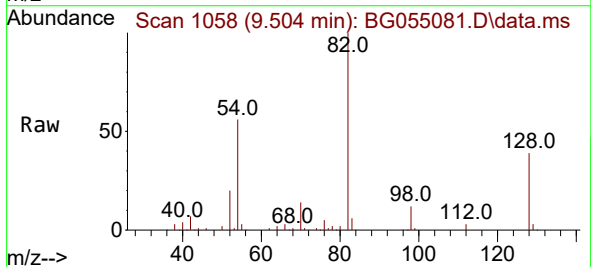
Instrument :
BNA_G
ClientSampleId :
PB148113BL

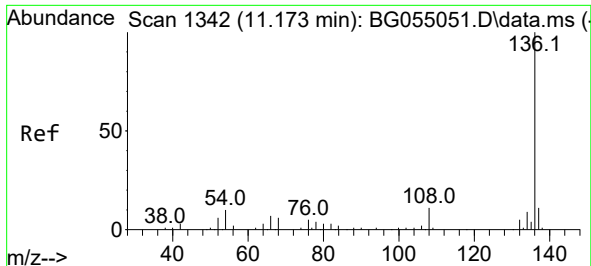
Tgt Ion: 99 Resp: 255908
Ion Ratio Lower Upper
99 100
42 23.7 18.6 28.0
71 40.7 31.2 46.8



#19
n-Nitroso-di-n-propylamine
Concen: 12.614 ng
RT: 9.504 min Scan# 1058
Delta R.T. 0.359 min
Lab File: BG055081.D
Acq: 6 Oct 2022 12:53

Tgt Ion: 70 Resp: 21839
Ion Ratio Lower Upper
70 100
42 54.6 55.8 83.6#
101 0.0 7.1 10.7#
130 2.7 12.9 19.3#

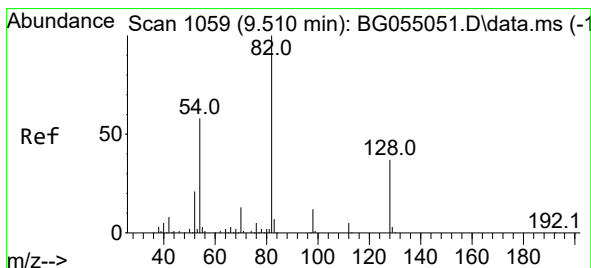
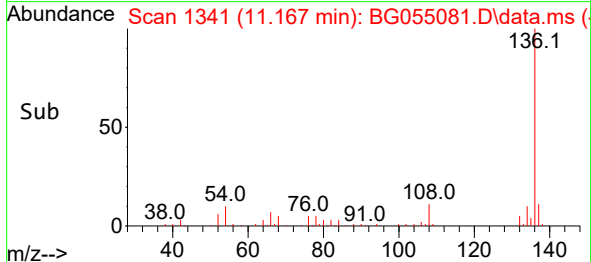
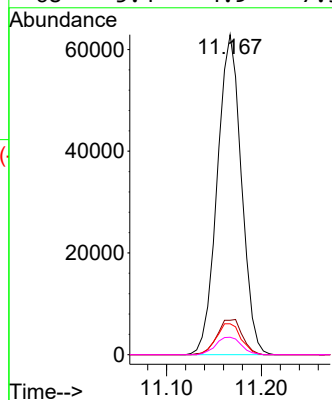
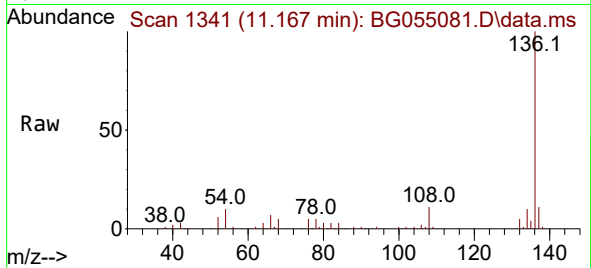




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.167 min Scan# 111079
Delta R.T. -0.006 min
Lab File: BG055081.D
Acq: 6 Oct 2022 12:53

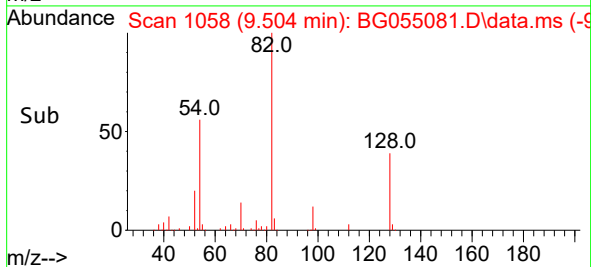
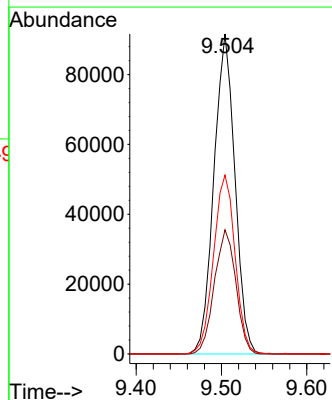
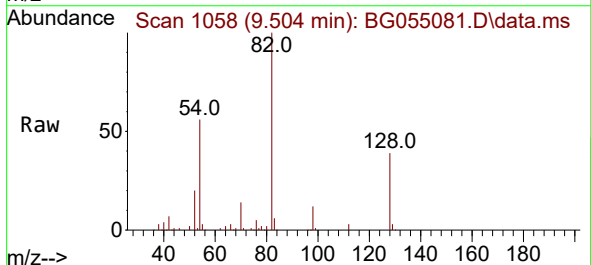
Instrument :
BNA_G
ClientSampleId :
PB148113BL

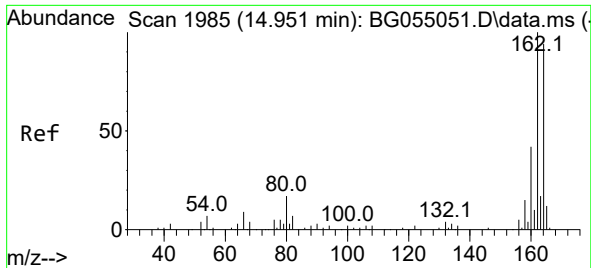
Tgt Ion:	136	Resp:	111079
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	9.7	8.2	12.4
68	5.4	4.9	7.3



#23
Nitrobenzene-d5
Concen: 84.373 ng
RT: 9.504 min Scan# 1058
Delta R.T. -0.006 min
Lab File: BG055081.D
Acq: 6 Oct 2022 12:53

Tgt Ion:	82	Resp:	156844
Ion	Ratio	Lower	Upper
82	100		
128	38.8	29.5	44.3
54	55.9	46.7	70.1

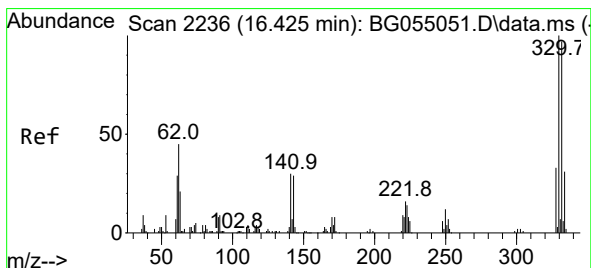
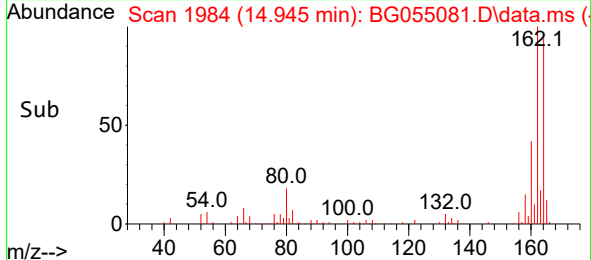
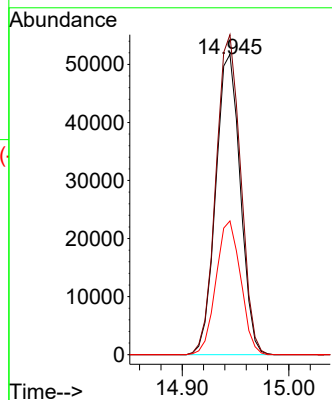
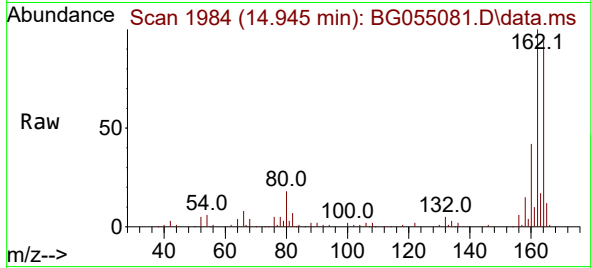




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.945 min Scan# 1984
Delta R.T. -0.006 min
Lab File: BG055081.D
Acq: 6 Oct 2022 12:53

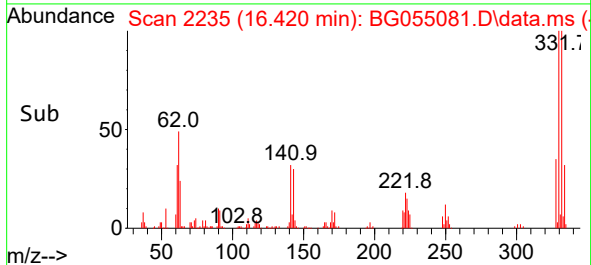
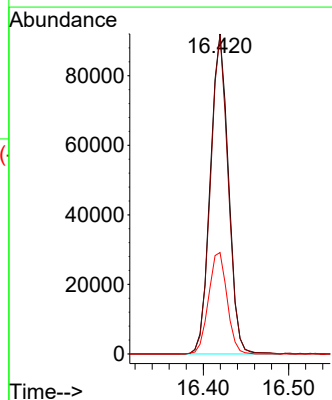
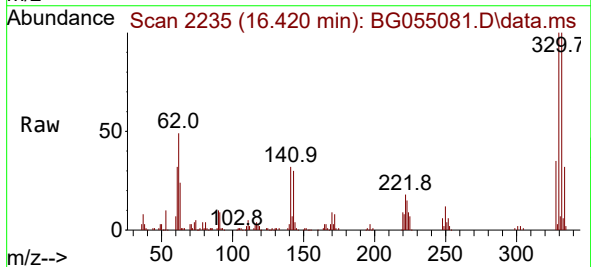
Instrument :
BNA_G
ClientSampleId :
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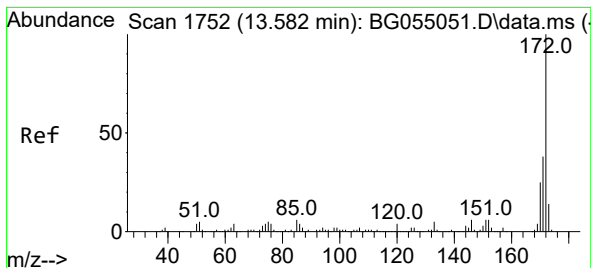
Tgt Ion:164 Resp: 82623
Ion Ratio Lower Upper
164 100
162 106.6 85.5 128.3
160 44.6 35.5 53.3



#42
2,4,6-Tribromophenol
Concen: 156.460 ng
RT: 16.420 min Scan# 2235
Delta R.T. -0.005 min
Lab File: BG055081.D
Acq: 6 Oct 2022 12:53

Tgt Ion:330 Resp: 135492
Ion Ratio Lower Upper
330 100
332 97.4 77.4 116.0
141 32.3 25.0 37.4

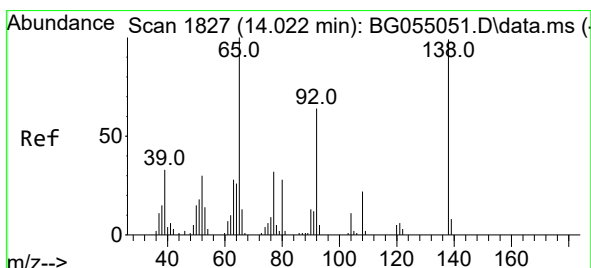
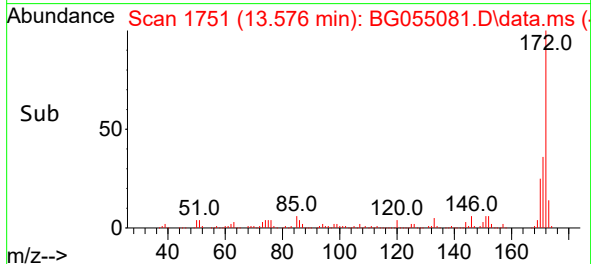
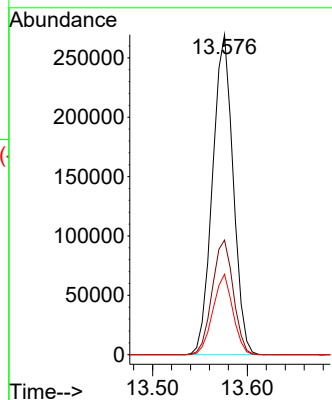
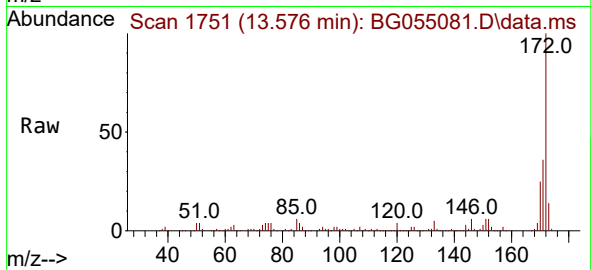




#45
2-Fluorobiphenyl
Concen: 76.827 ng
RT: 13.576 min Scan# 1750
Delta R.T. -0.006 min
Lab File: BG055081.D
Acq: 6 Oct 2022 12:53

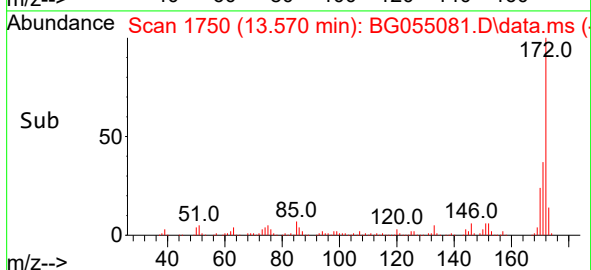
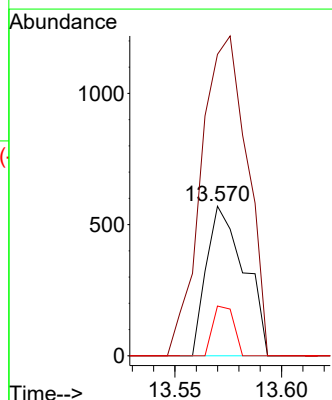
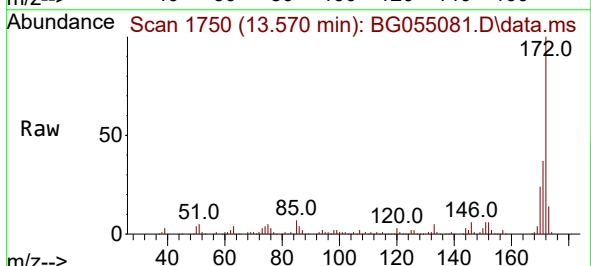
Instrument :
BNA_G
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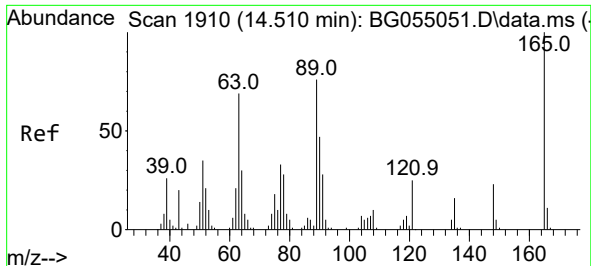
Tgt Ion:172 Resp: 406610
Ion Ratio Lower Upper
172 100
171 35.8 30.1 45.1
170 25.2 20.0 30.0



#48
2-Nitroaniline
Concen: 4.585 ng
RT: 13.570 min Scan# 1750
Delta R.T. -0.452 min
Lab File: BG055081.D
Acq: 6 Oct 2022 12:53

Tgt Ion: 65 Resp: 707
Ion Ratio Lower Upper
65 100
92 201.6 50.9 76.3#
138 33.3 79.5 119.3#

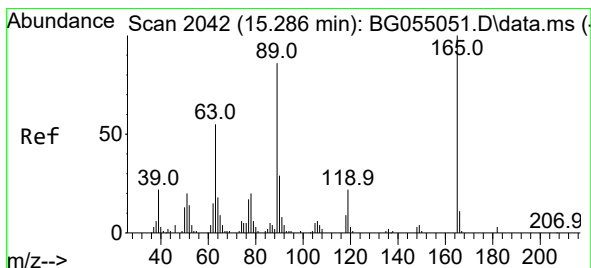
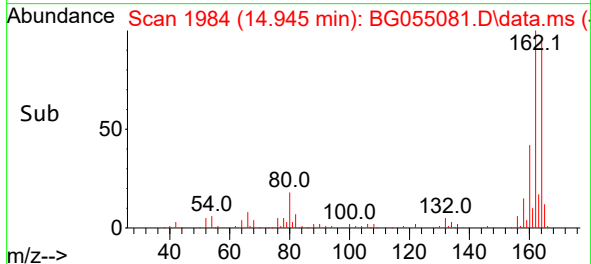
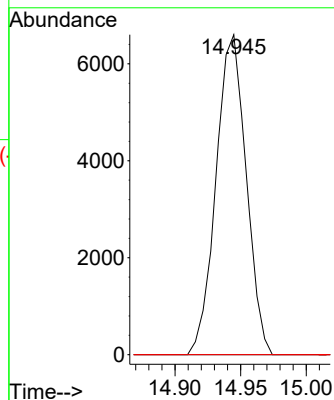
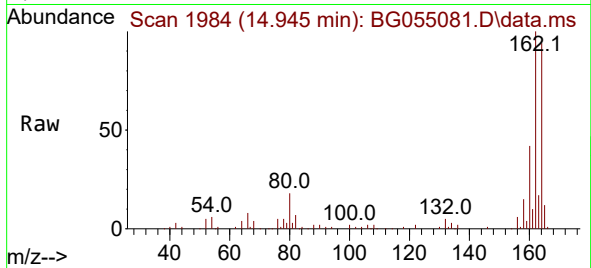




#51
2,6-Dinitrotoluene
Concen: 12.021 ng
RT: 14.945 min Scan# 1910
Delta R.T. 0.435 min
Lab File: BG055081.D
Acq: 6 Oct 2022 12:53

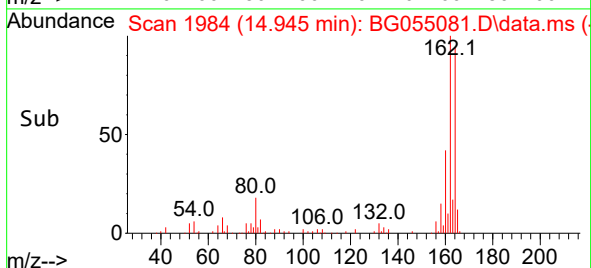
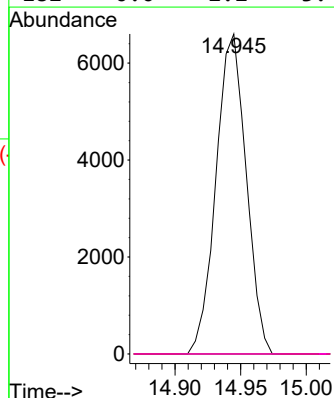
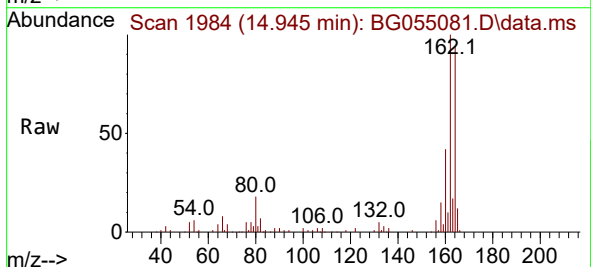
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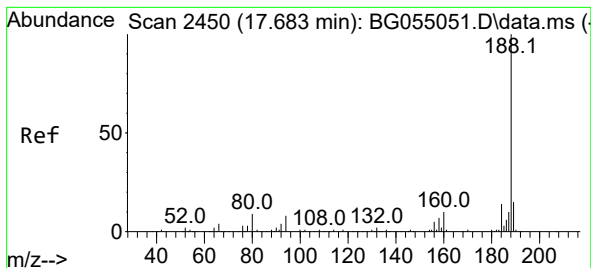
Tgt Ion:165 Resp: 10554
Ion Ratio Lower Upper
165 100
63 0.0 56.2 84.4#
89 0.0 60.4 90.6#



#57
2,4-Dinitrotoluene
Concen: 9.829 ng
RT: 14.945 min Scan# 1984
Delta R.T. -0.341 min
Lab File: BG055081.D
Acq: 6 Oct 2022 12:53

Tgt Ion:165 Resp: 10554
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: 17.677 min Scan# 24

Delta R.T. -0.006 min

Lab File: BG055081.D

Acq: 6 Oct 2022 12:53

Instrument :

BNA_G

ClientSampleId :

PB148113BL

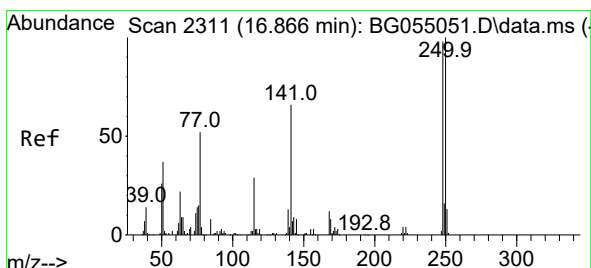
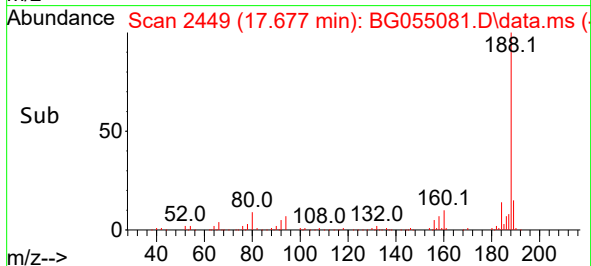
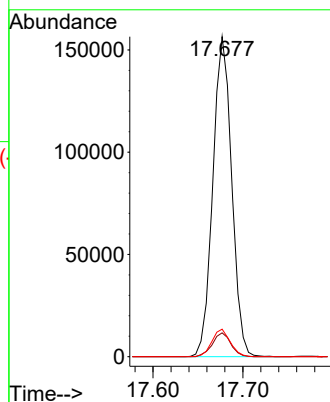
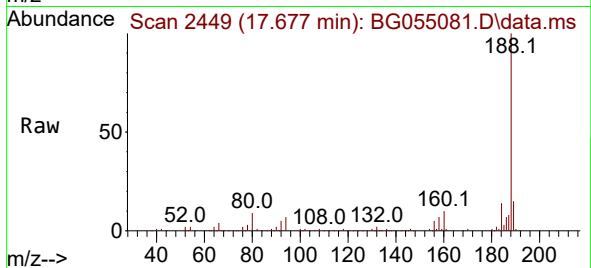
Tgt Ion:188 Resp: 228007

Ion Ratio Lower Upper

188 100

94 7.4 6.2 9.2

80 8.6 7.2 10.8



#67

4-Bromophenyl-phenylether

Concen: 3.393 ng

RT: 16.420 min Scan# 2235

Delta R.T. -0.446 min

Lab File: BG055081.D

Acq: 6 Oct 2022 12:53

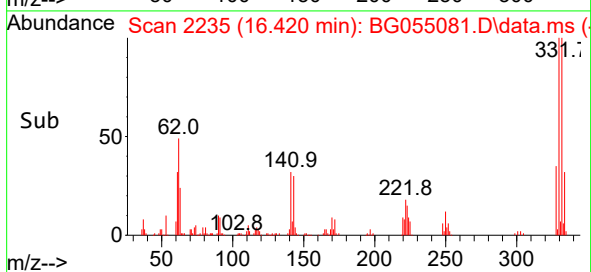
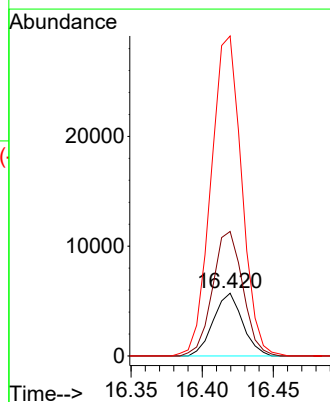
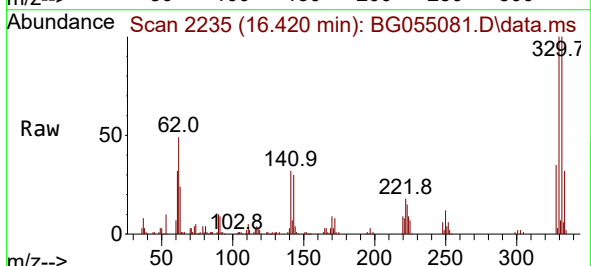
Tgt Ion:248 Resp: 8182

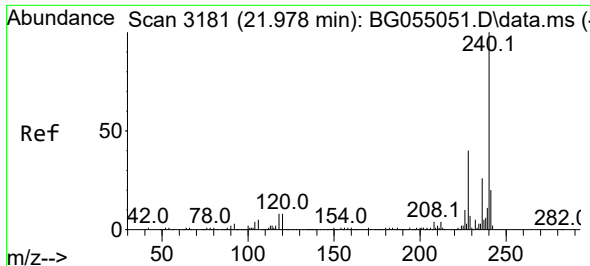
Ion Ratio Lower Upper

248 100

250 198.4 81.7 122.5#

141 509.9 53.7 80.5#

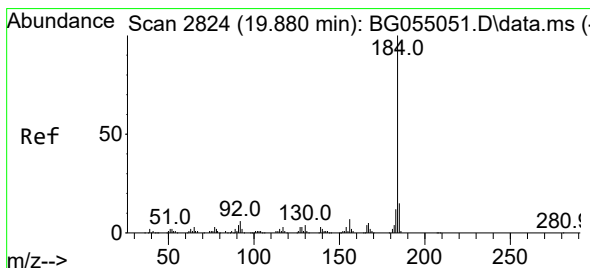
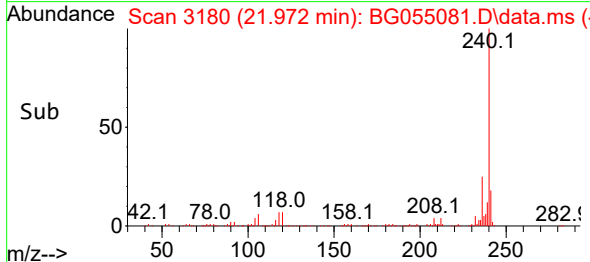
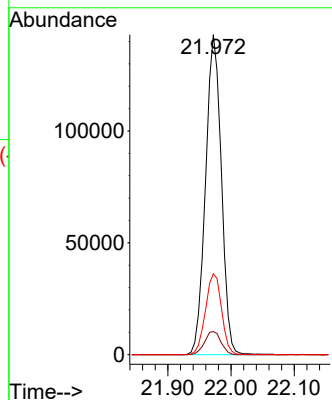
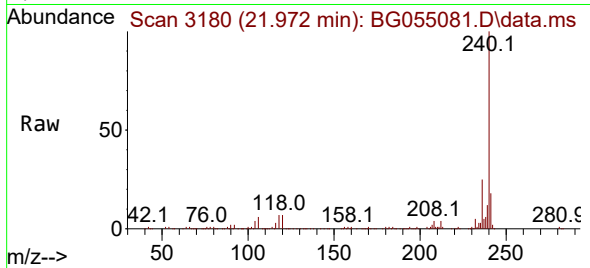




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.972 min Scan# 3180
Delta R.T. -0.006 min
Lab File: BG055081.D
Acq: 6 Oct 2022 12:53

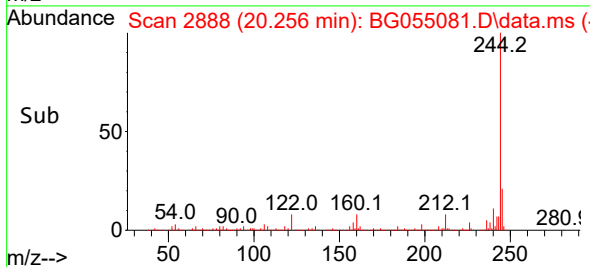
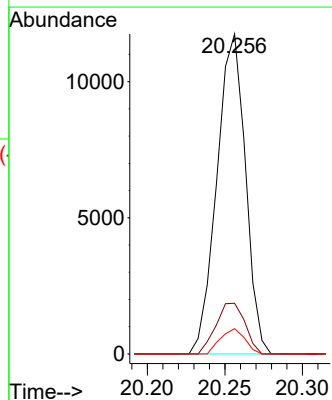
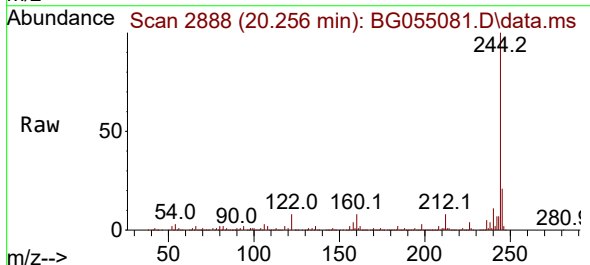
Instrument :
BNA_G
ClientSampleId :
PB148113BL

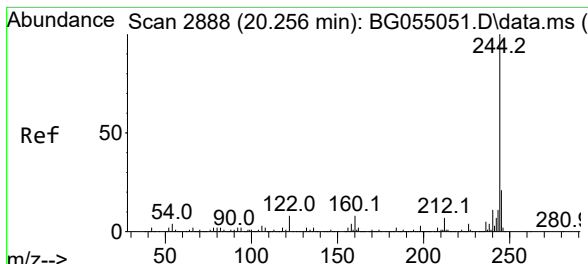
Tgt Ion:240 Resp: 248045
Ion Ratio Lower Upper
240 100
120 7.2 6.2 9.4
236 25.3 20.6 30.8



#77
Benzidine
Concen: 3.522 ng
RT: 20.256 min Scan# 2888
Delta R.T. 0.376 min
Lab File: BG055081.D
Acq: 6 Oct 2022 12:53

Tgt Ion:184 Resp: 15051
Ion Ratio Lower Upper
184 100
185 15.8 12.2 18.4
183 7.9 9.4 14.0#



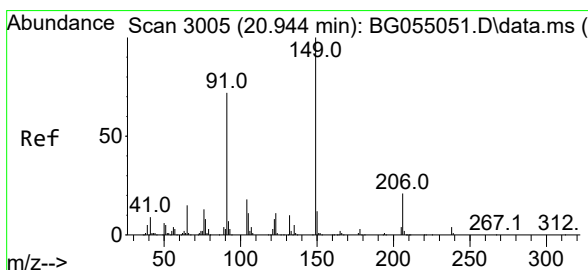
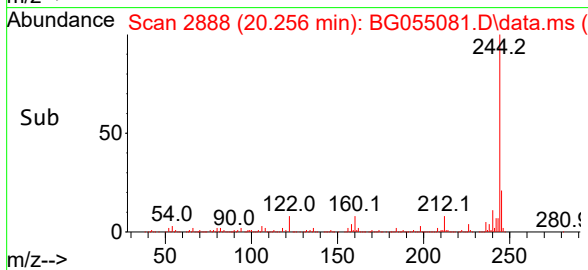
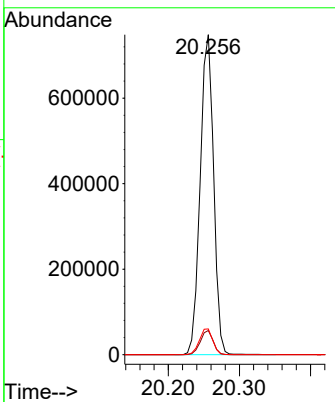
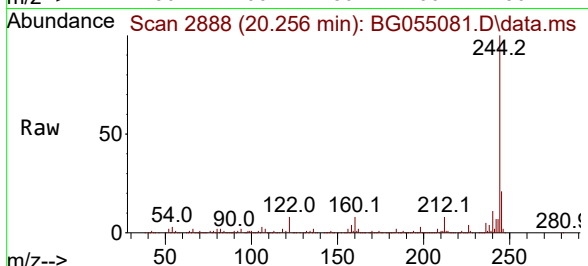


#79
 Terphenyl-d14
 Concen: 80.160 ng
 RT: 20.256 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BG055081.D
 Acq: 6 Oct 2022 12:53

Instrument :
 BNA_G
 ClientSampleId :
 PB148113BL

Tgt Ion:244 Resp: 983747

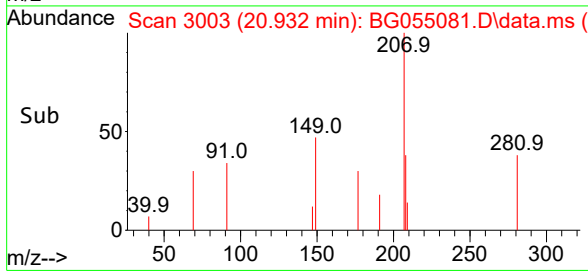
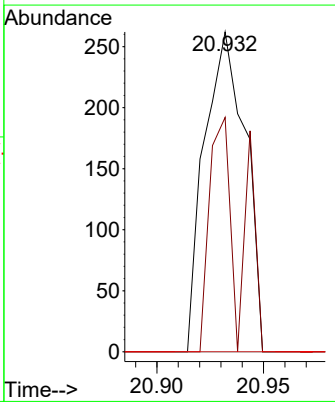
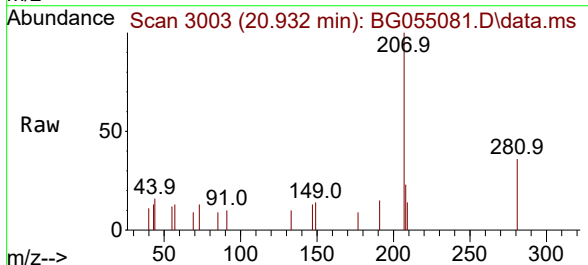
Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.0	9.0
122	8.0	6.6	10.0

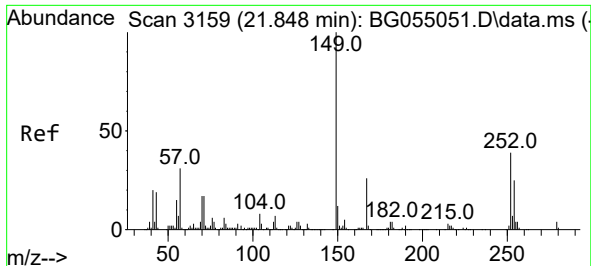


#80
 Butylbenzylphthalate
 Concen: 4.900 ng
 RT: 20.932 min Scan# 3003
 Delta R.T. -0.012 min
 Lab File: BG055081.D
 Acq: 6 Oct 2022 12:53

Tgt Ion:149 Resp: 351

Ion	Ratio	Lower	Upper
149	100		
91	73.3	57.8	86.8
206	0.0	16.9	25.3

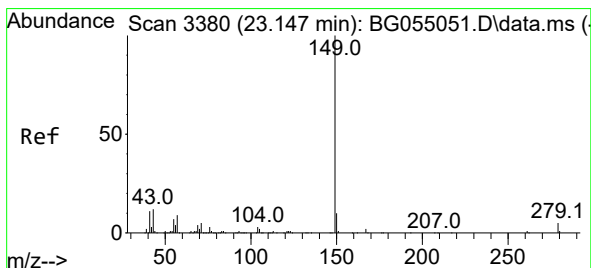
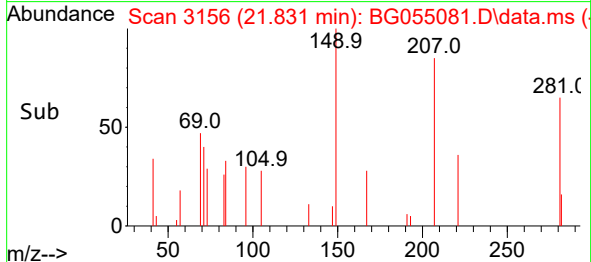
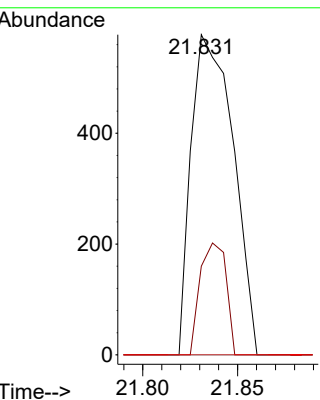
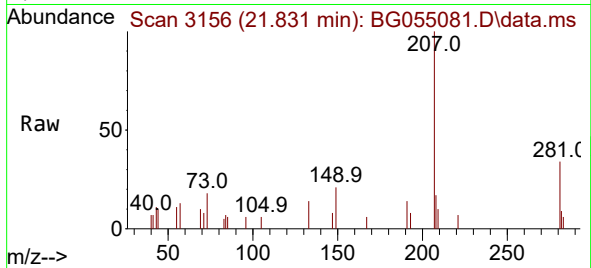




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 4.207 ng
 RT: 21.831 min Scan# 3156
 Delta R.T. -0.017 min
 Lab File: BG055081.D
 Acq: 6 Oct 2022 12:53

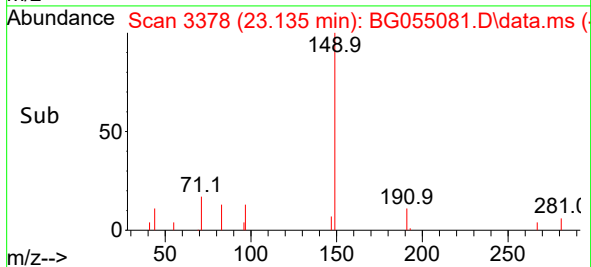
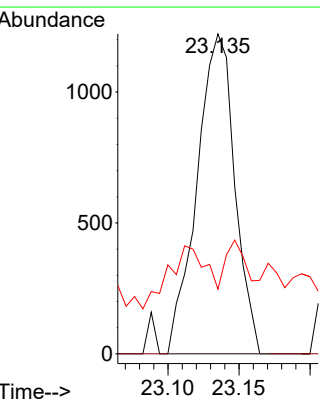
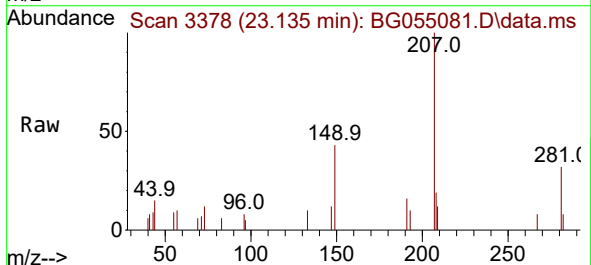
Instrument :
 BNA_G
 ClientSampleId :
 PB148113BL

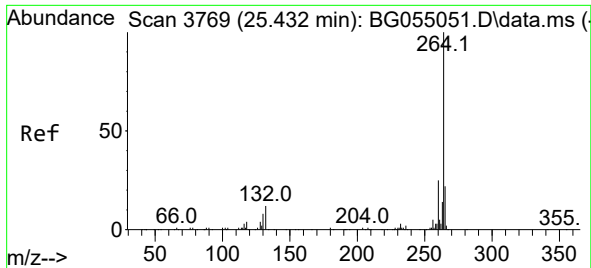
Tgt Ion:149 Resp: 892
 Ion Ratio Lower Upper
 149 100
 167 27.7 21.0 31.4
 279 0.0 3.4 5.2#



#85
 Di-n-octyl phthalate
 Concen: 4.500 ng
 RT: 23.135 min Scan# 3378
 Delta R.T. -0.012 min
 Lab File: BG055081.D
 Acq: 6 Oct 2022 12:53

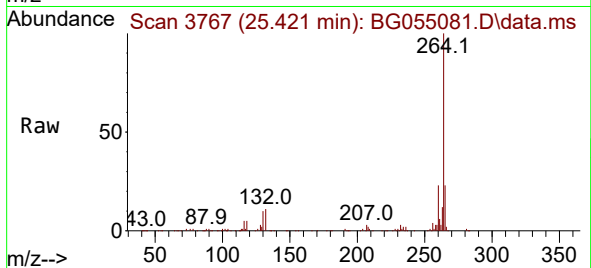
Tgt Ion:149 Resp: 2264
 Ion Ratio Lower Upper
 149 100
 167 0.0 1.3 1.9#
 43 8.1 10.2 15.4#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.421 min Scan# 31
 Delta R.T. -0.012 min
 Lab File: BG055081.D
 Acq: 6 Oct 2022 12:53

Instrument :
 BNA_G
 ClientSampleId :
 PB148113BL



Tgt Ion:264 Resp: 263032
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.7 29.5
 265 22.9 17.8 26.6

