

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100622\
 Data File : BG055092.D
 Acq On : 6 Oct 2022 21:48
 Operator : CG/JU
 Sample : N5014-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-06-0-2.0

Quant Time: Oct 07 01:16:03 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)

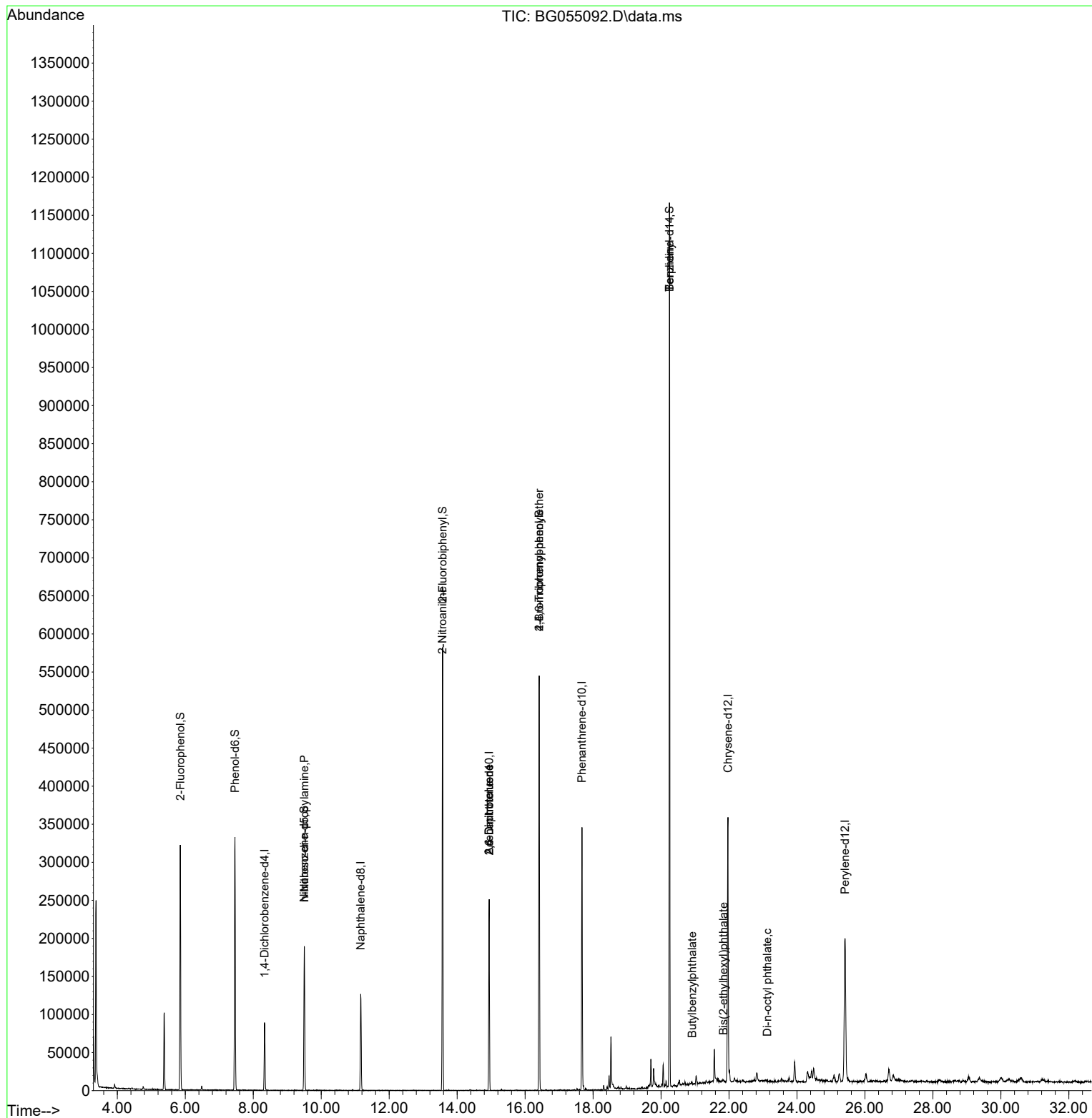
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.332	152	25317	20.000	ng	0.00
21) Naphthalene-d8	11.164	136	107598	20.000	ng	0.00
39) Acenaphthene-d10	14.942	164	84741	20.000	ng	0.00
64) Phenanthrene-d10	17.674	188	218632	20.000	ng	0.00
76) Chrysene-d12	21.969	240	216672	20.000	ng	0.00
86) Perylene-d12	25.412	264	230358	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.852	112	132121	115.914	ng	0.00
7) Phenol-d6	7.462	99	180089	105.450	ng	0.00
23) Nitrobenzene-d5	9.501	82	112610	62.537	ng	0.00
42) 2,4,6-Tribromophenol	16.416	330	111885	127.197	ng	0.00
45) 2-Fluorobiphenyl	13.573	172	297896	54.879	ng	0.00
79) Terphenyl-d14	20.247	244	608754	56.787	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.507	70	15671	9.473	ng	# 75
48) 2-Nitroaniline	13.567	65	562	4.472	ng	# 10
51) 2,6-Dinitrotoluene	14.942	165	11445	12.509	ng	# 13
57) 2,4-Dinitrotoluene	14.942	165	11445	10.186	ng	# 15
67) 4-Bromophenyl-phenylether	16.416	248	6641	2.872	ng	# 1
77) Benzidine	20.253	184	8908	2.387	ng	# 93
80) Butylbenzylphthalate	20.917	149	70	4.852	ng	# 80
84) Bis(2-ethylhexyl)phtha...	21.833	149	1329	4.281	ng	# 54
85) Di-n-octyl phthalate	23.126	149	109	4.350	ng	# 1

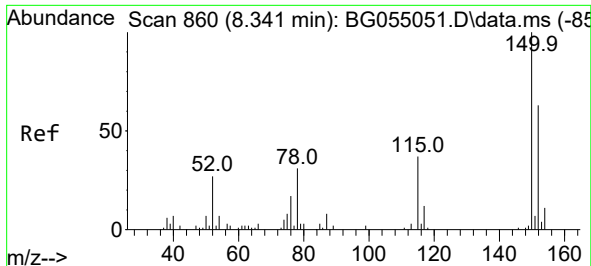
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

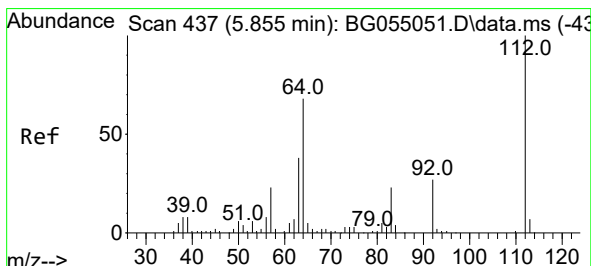
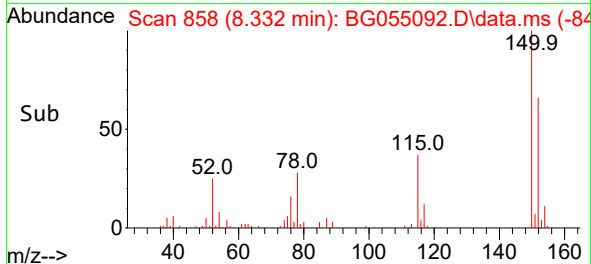
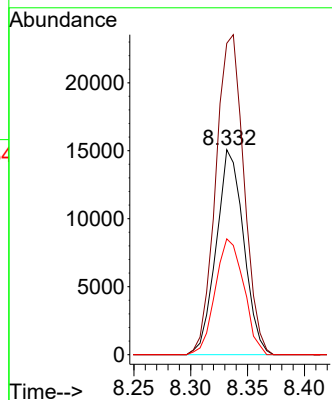
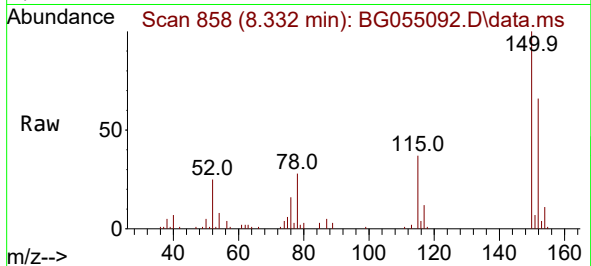




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.332 min Scan# 81
Delta R.T. -0.009 min
Lab File: BG055092.D
Acq: 6 Oct 2022 21:48

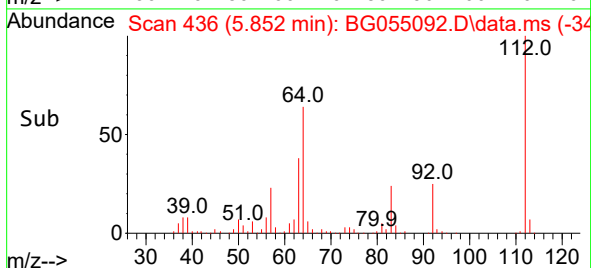
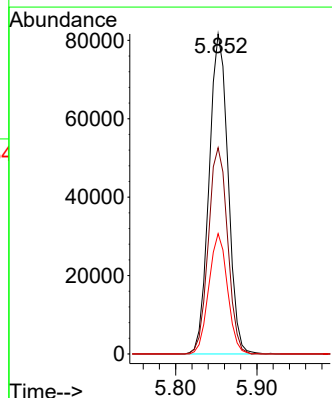
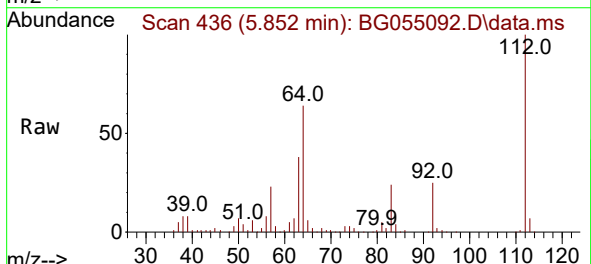
Instrument :
BNA_G
ClientSampleId :
SB-06-0-2.0

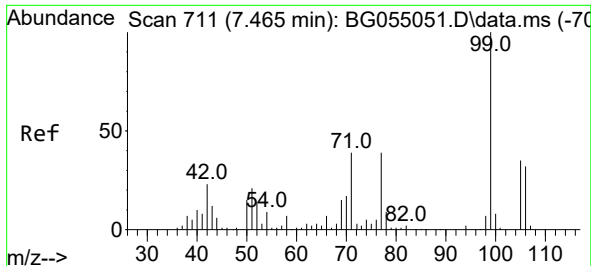
Tgt Ion:152 Resp: 25317
Ion Ratio Lower Upper
152 100
150 151.9 128.0 192.0
115 56.5 47.7 71.5



#5
2-Fluorophenol
Concen: 115.914 ng
RT: 5.852 min Scan# 436
Delta R.T. -0.003 min
Lab File: BG055092.D
Acq: 6 Oct 2022 21:48

Tgt Ion:112 Resp: 132121
Ion Ratio Lower Upper
112 100
64 64.4 54.5 81.7
63 37.6 30.5 45.7

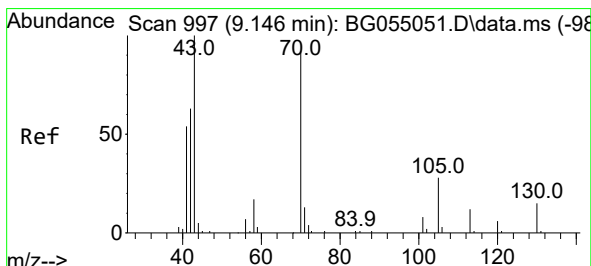
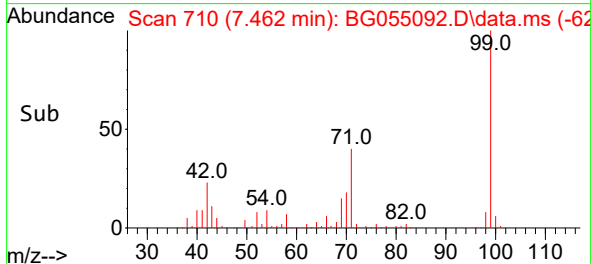
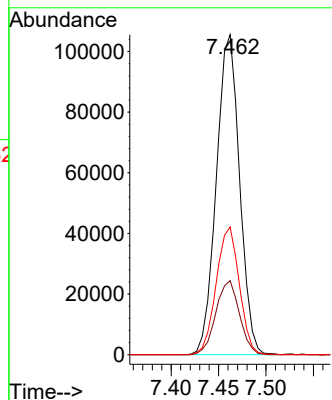
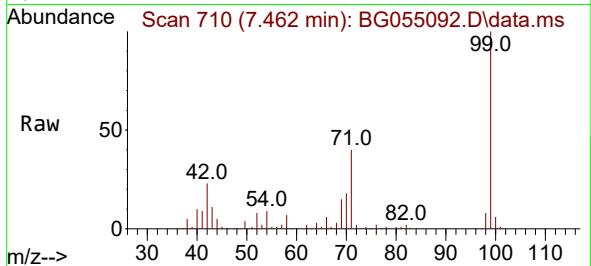




#7
Phenol-d6
Concen: 105.450 ng
RT: 7.462 min Scan# 71
Delta R.T. -0.003 min
Lab File: BG055092.D
Acq: 6 Oct 2022 21:48

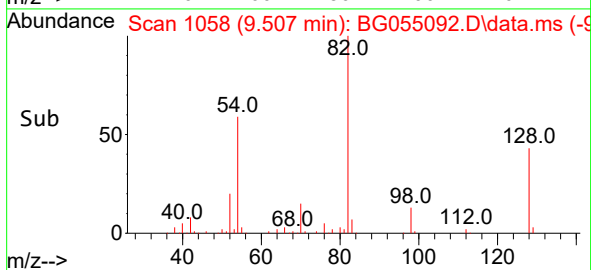
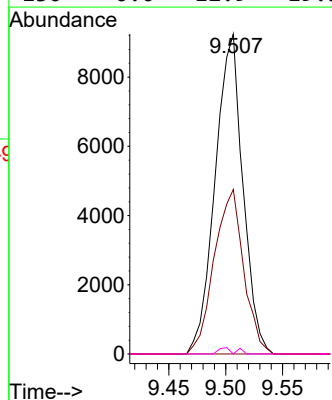
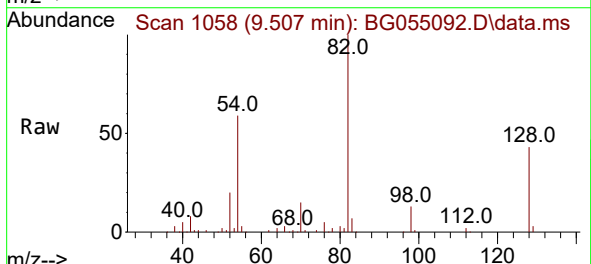
Instrument :
BNA_G
ClientSampleId :
SB-06-0-2.0

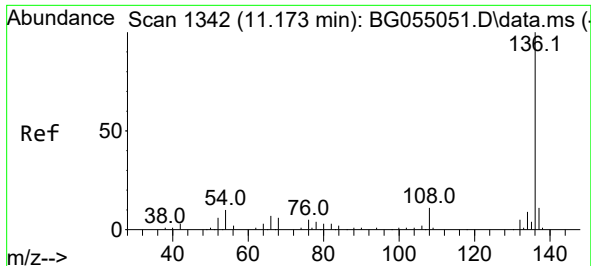
Tgt Ion: 99 Resp: 180089
Ion Ratio Lower Upper
99 100
42 23.1 18.6 28.0
71 39.9 31.2 46.8



#19
n-Nitroso-di-n-propylamine
Concen: 9.473 ng
RT: 9.507 min Scan# 1058
Delta R.T. 0.361 min
Lab File: BG055092.D
Acq: 6 Oct 2022 21:48

Tgt Ion: 70 Resp: 15671
Ion Ratio Lower Upper
70 100
42 51.4 55.8 83.6#
101 0.0 7.1 10.7#
130 0.0 12.9 19.3#

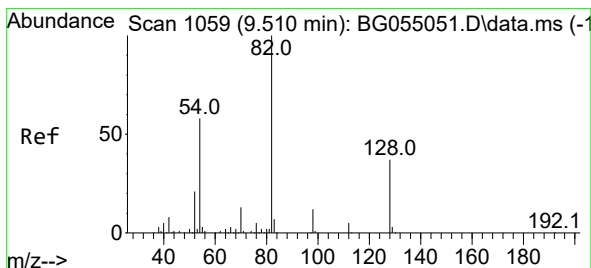
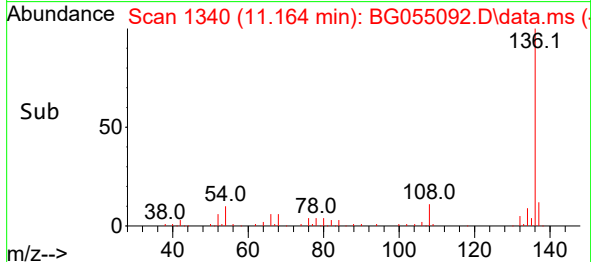
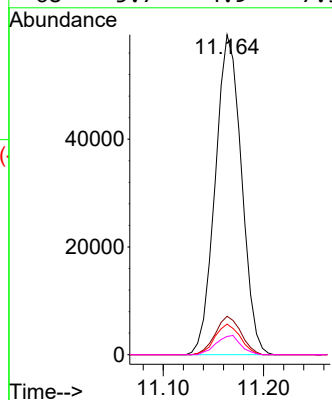
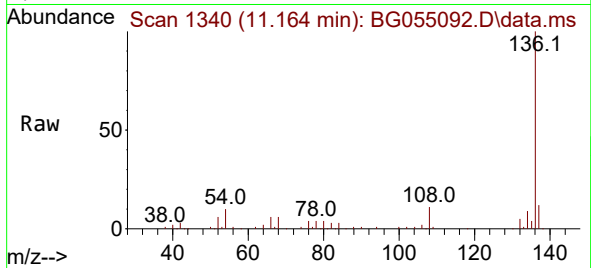




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.164 min Scan# 11
Delta R.T. -0.009 min
Lab File: BG055092.D
Acq: 6 Oct 2022 21:48

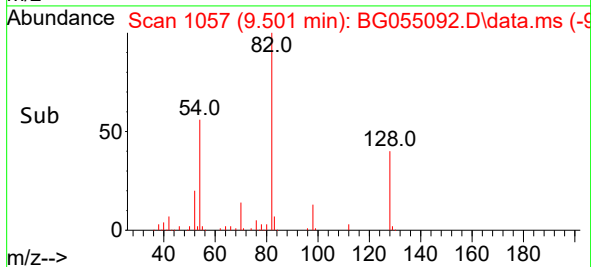
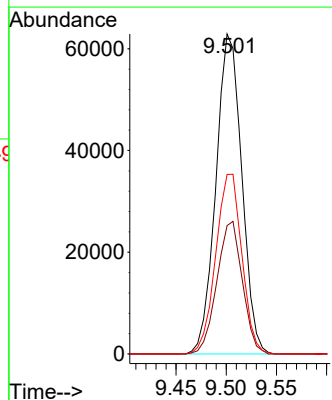
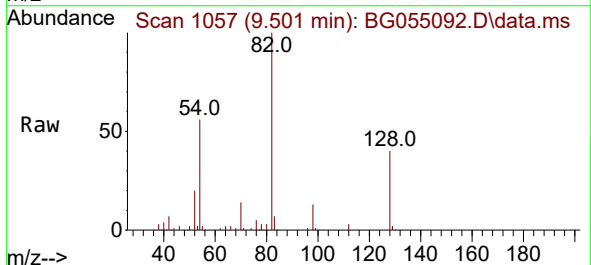
Instrument :
BNA_G
ClientSampleId :
SB-06-0-2.0

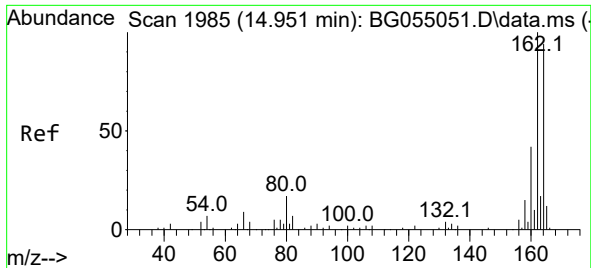
Tgt Ion:136 Resp: 107598
Ion Ratio Lower Upper
136 100
137 12.0 8.7 13.1
54 9.5 8.2 12.4
68 5.7 4.9 7.3



#23
Nitrobenzene-d5
Concen: 62.537 ng
RT: 9.501 min Scan# 1057
Delta R.T. -0.009 min
Lab File: BG055092.D
Acq: 6 Oct 2022 21:48

Tgt Ion: 82 Resp: 112610
Ion Ratio Lower Upper
82 100
128 40.1 29.5 44.3
54 56.1 46.7 70.1

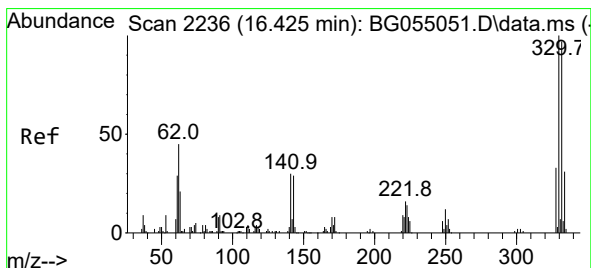
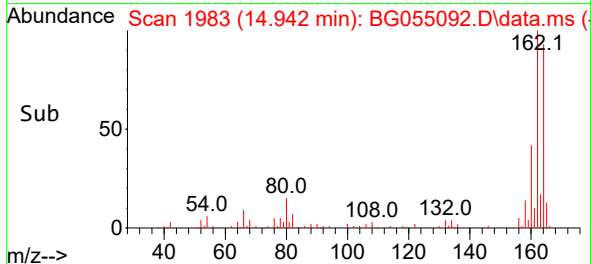
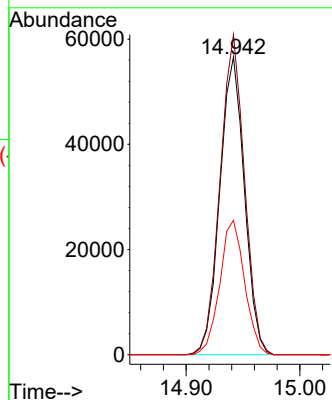
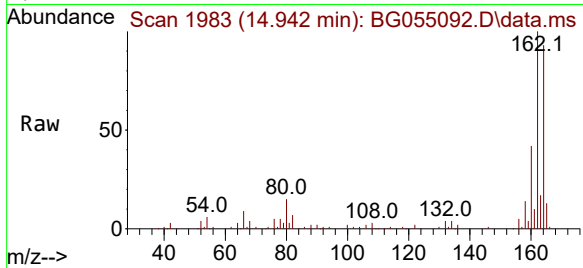




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.942 min Scan# 1983
Delta R.T. -0.009 min
Lab File: BG055092.D
Acq: 6 Oct 2022 21:48

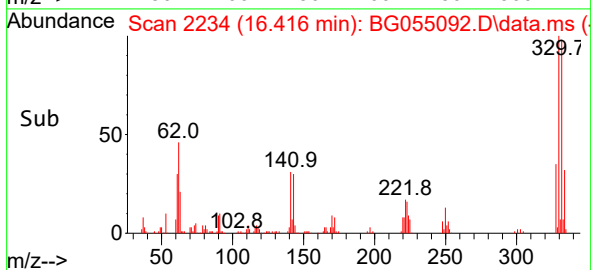
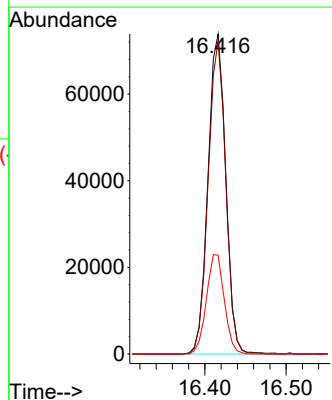
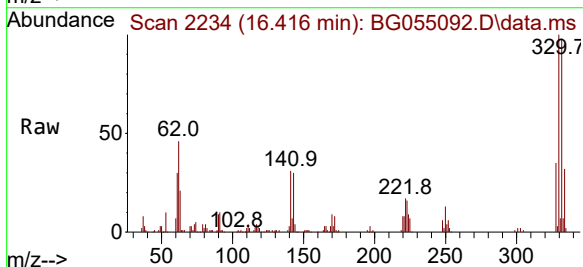
Instrument :
BNA_G
ClientSampleId :
SB-06-0-2.0

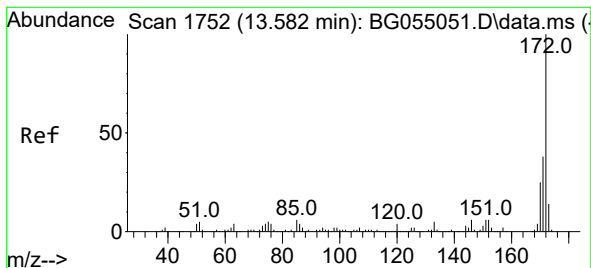
Tgt Ion:164 Resp: 84741
Ion Ratio Lower Upper
164 100
162 107.4 85.5 128.3
160 45.1 35.5 53.3



#42
2,4,6-Tribromophenol
Concen: 127.197 ng
RT: 16.416 min Scan# 2234
Delta R.T. -0.009 min
Lab File: BG055092.D
Acq: 6 Oct 2022 21:48

Tgt Ion:330 Resp: 111885
Ion Ratio Lower Upper
330 100
332 96.5 77.4 116.0
141 31.3 25.0 37.4

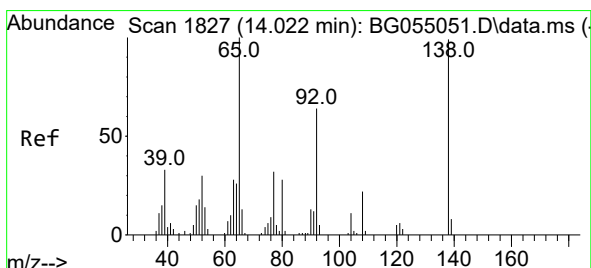
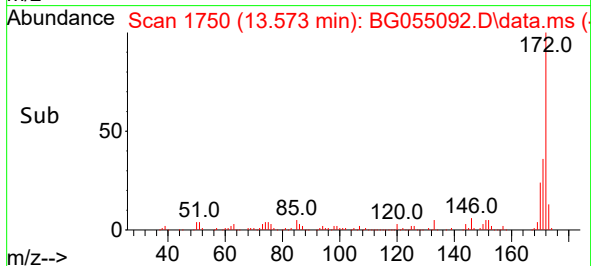
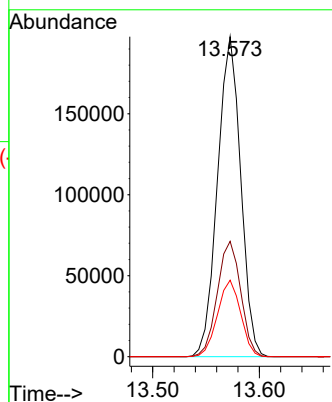
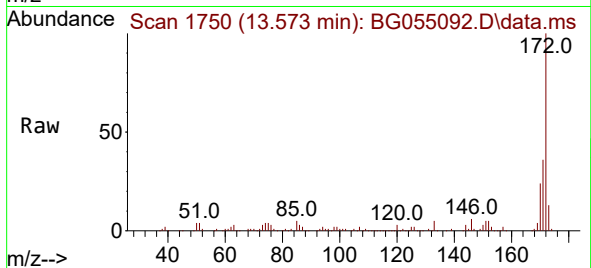




#45
2-Fluorobiphenyl
Concen: 54.879 ng
RT: 13.573 min Scan# 1749
Delta R.T. -0.009 min
Lab File: BG055092.D
Acq: 6 Oct 2022 21:48

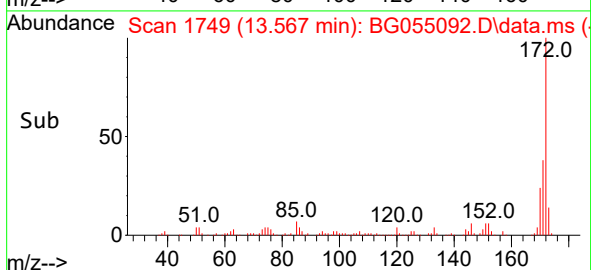
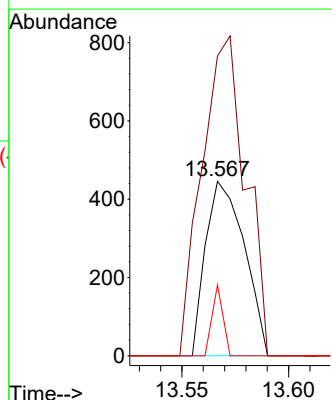
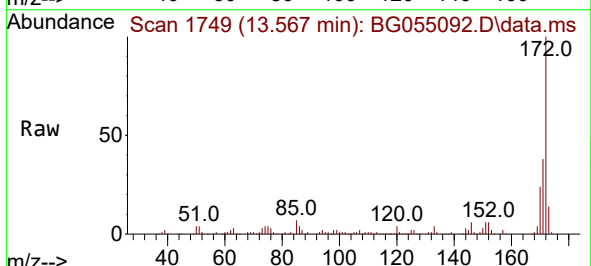
Instrument :
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ClientSampleId :
SB-06-0-2.0

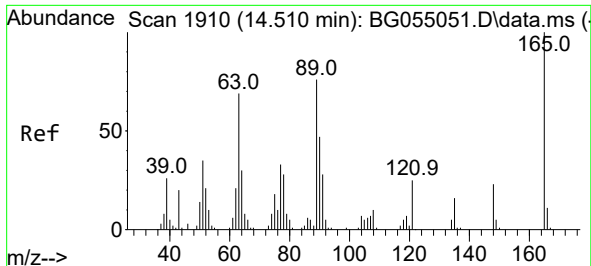
Tgt Ion:172 Resp: 297896
Ion Ratio Lower Upper
172 100
171 36.0 30.1 45.1
170 23.9 20.0 30.0



#48
2-Nitroaniline
Concen: 4.472 ng
RT: 13.567 min Scan# 1749
Delta R.T. -0.455 min
Lab File: BG055092.D
Acq: 6 Oct 2022 21:48

Tgt Ion: 65 Resp: 562
Ion Ratio Lower Upper
65 100
92 171.7 50.9 76.3#
138 40.6 79.5 119.3#

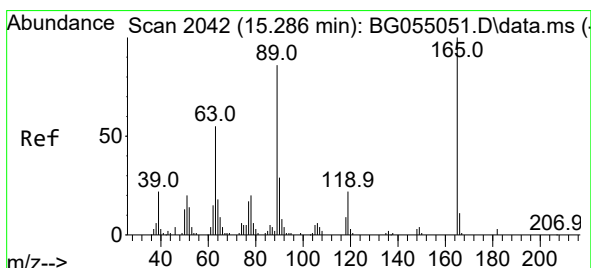
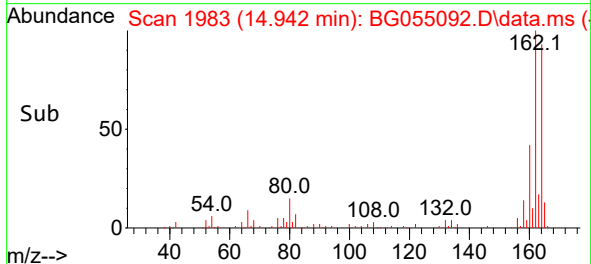
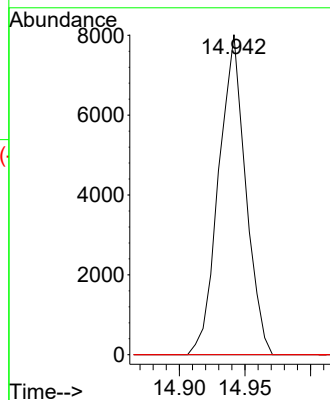
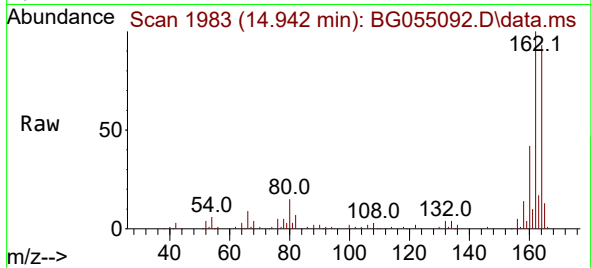




#51
2,6-Dinitrotoluene
Concen: 12.509 ng
RT: 14.942 min Scan# 1910
Delta R.T. 0.432 min
Lab File: BG055092.D
Acq: 6 Oct 2022 21:48

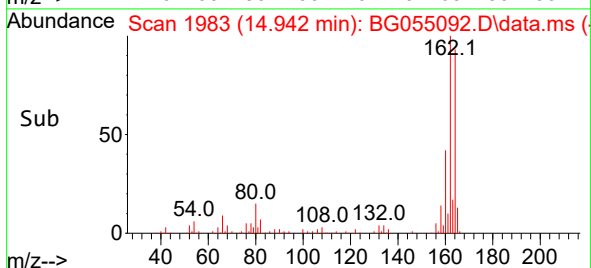
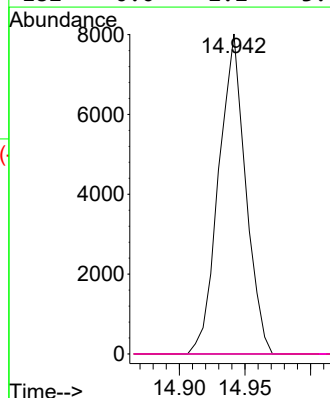
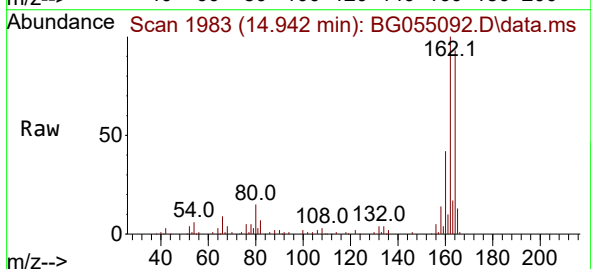
Instrument :
BNA_G
ClientSampleId :
SB-06-0-2.0

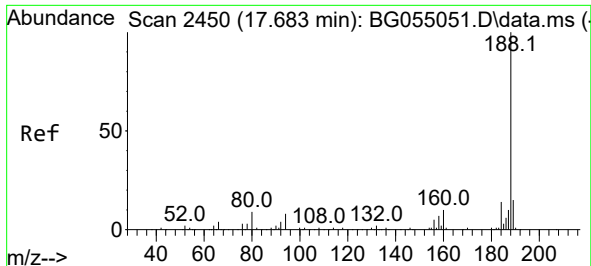
Tgt Ion:165 Resp: 11445
Ion Ratio Lower Upper
165 100
63 0.0 56.2 84.4#
89 0.0 60.4 90.6#



#57
2,4-Dinitrotoluene
Concen: 10.186 ng
RT: 14.942 min Scan# 1983
Delta R.T. -0.344 min
Lab File: BG055092.D
Acq: 6 Oct 2022 21:48

Tgt Ion:165 Resp: 11445
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#

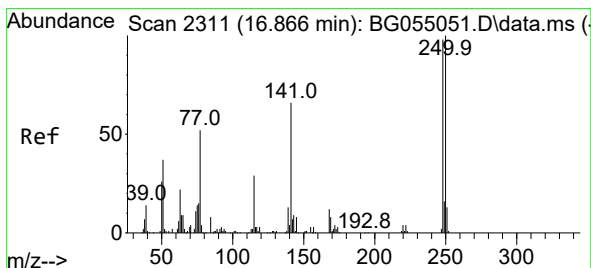
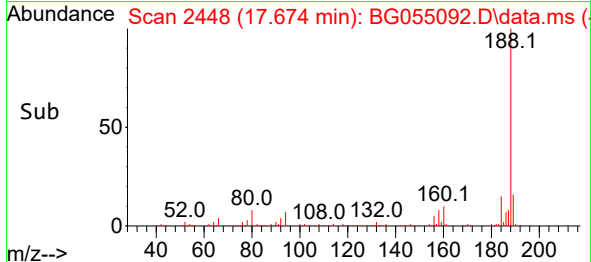
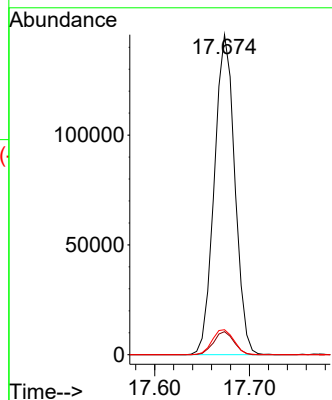
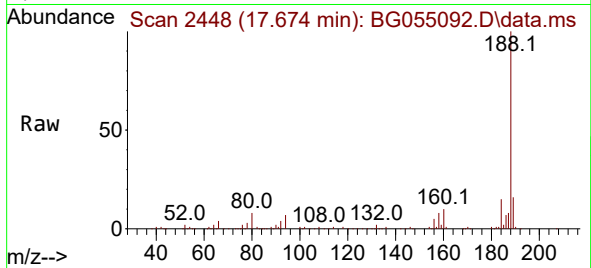




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.674 min Scan# 24
Delta R.T. -0.009 min
Lab File: BG055092.D
Acq: 6 Oct 2022 21:48

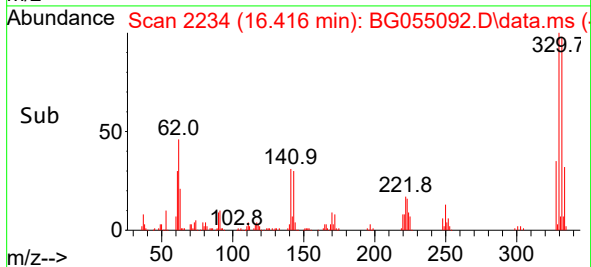
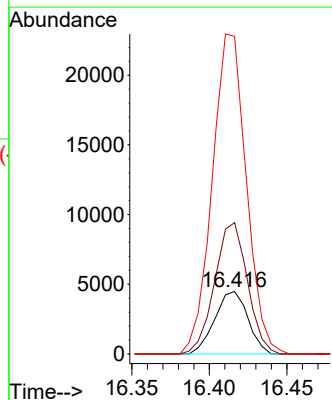
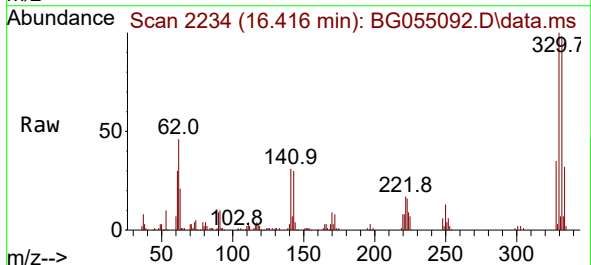
Instrument :
BNA_G
ClientSampleId :
SB-06-0-2.0

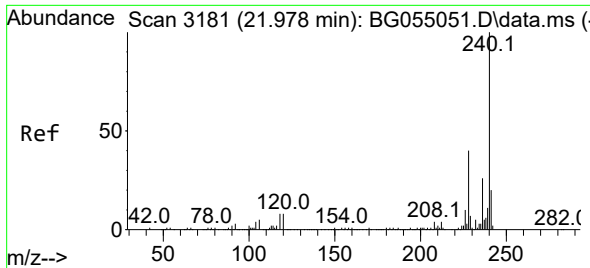
Tgt Ion:188 Resp: 218632
Ion Ratio Lower Upper
188 100
94 7.2 6.2 9.2
80 7.8 7.2 10.8



#67
4-Bromophenyl-phenylether
Concen: 2.872 ng
RT: 16.416 min Scan# 2234
Delta R.T. -0.450 min
Lab File: BG055092.D
Acq: 6 Oct 2022 21:48

Tgt Ion:248 Resp: 6641
Ion Ratio Lower Upper
248 100
250 210.7 81.7 122.5#
141 509.1 53.7 80.5#

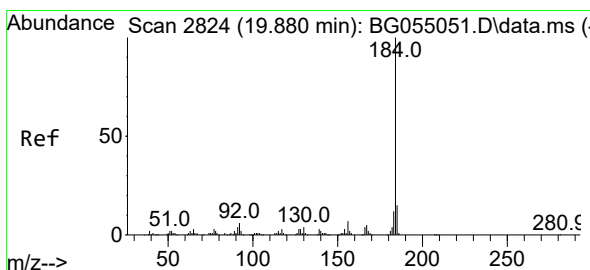
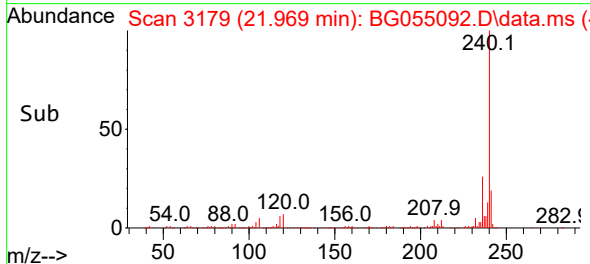
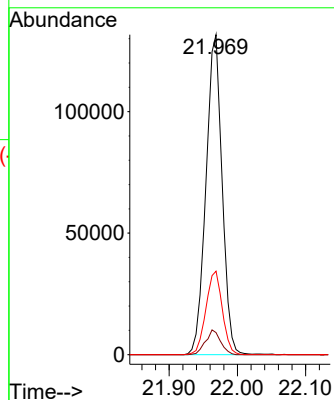
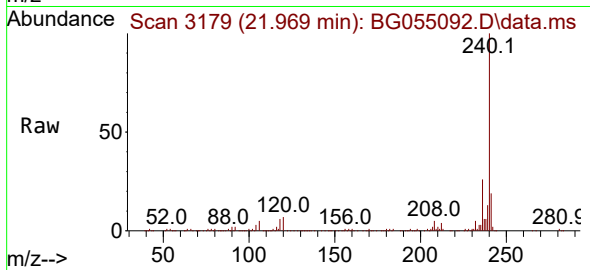




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.969 min Scan# 3181
Delta R.T. -0.009 min
Lab File: BG055092.D
Acq: 6 Oct 2022 21:48

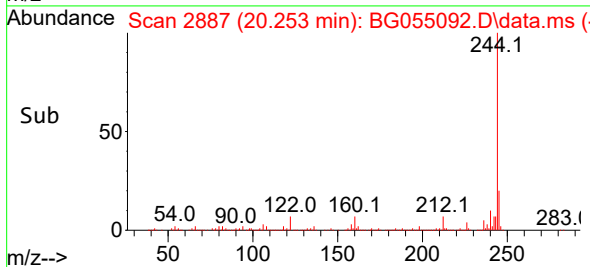
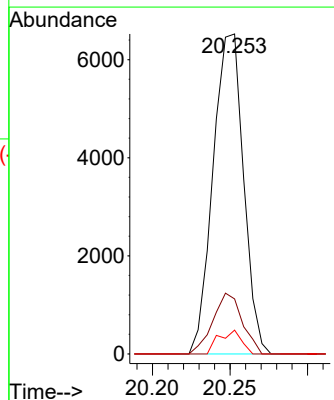
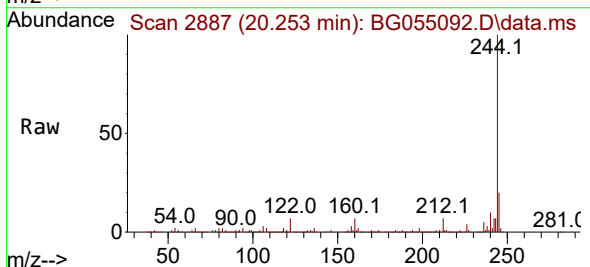
Instrument :
BNA_G
ClientSampleId :
SB-06-0-2.0

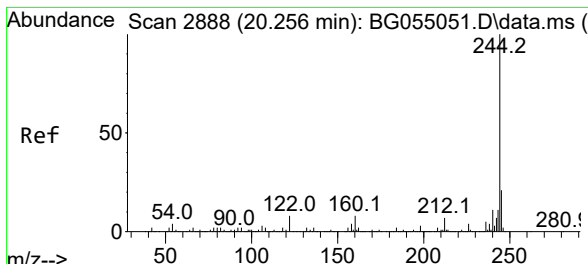
Tgt Ion:240 Resp: 216672
Ion Ratio Lower Upper
240 100
120 6.9 6.2 9.4
236 26.1 20.6 30.8



#77
Benzidine
Concen: 2.387 ng
RT: 20.253 min Scan# 2887
Delta R.T. 0.373 min
Lab File: BG055092.D
Acq: 6 Oct 2022 21:48

Tgt Ion:184 Resp: 8908
Ion Ratio Lower Upper
184 100
185 17.2 12.2 18.4
183 7.4 9.4 14.0#



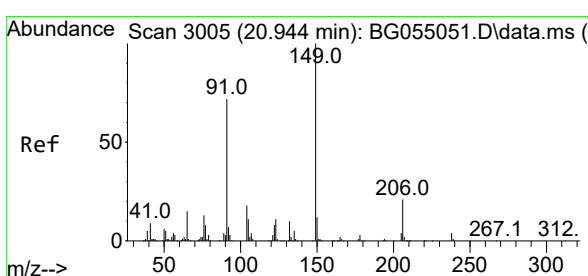
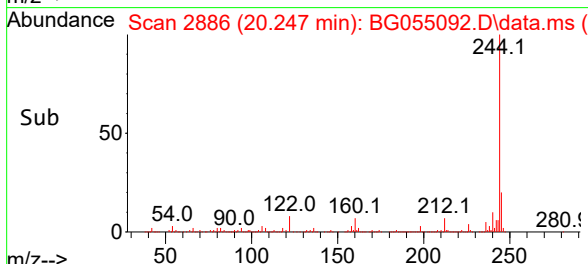
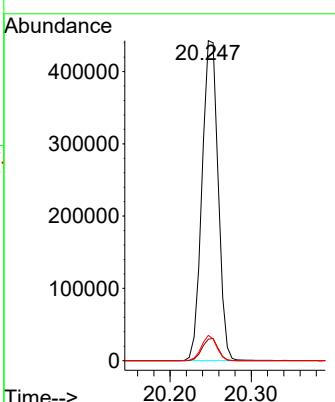
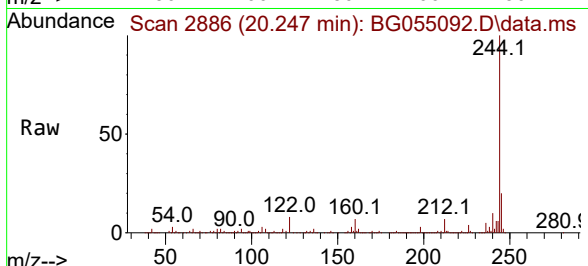


#79
 Terphenyl-d14
 Concen: 56.787 ng
 RT: 20.247 min Scan# 21
 Delta R.T. -0.009 min
 Lab File: BG055092.D
 Acq: 6 Oct 2022 21:48

Instrument :
 BNA_G
 ClientSampleId :
 SB-06-0-2.0

Tgt Ion:244 Resp: 608754

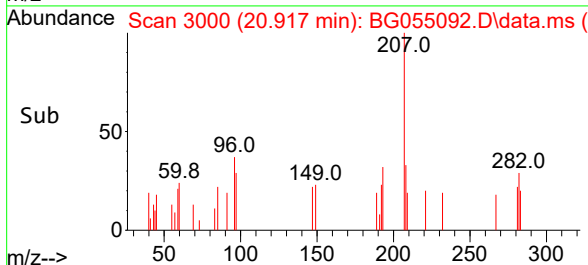
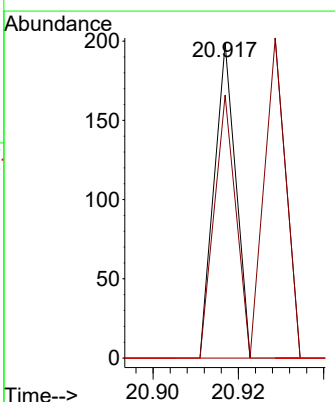
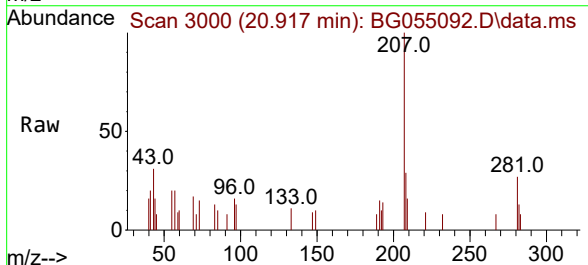
Ion	Ratio	Lower	Upper
244	100		
212	6.7	6.0	9.0
122	7.9	6.6	10.0

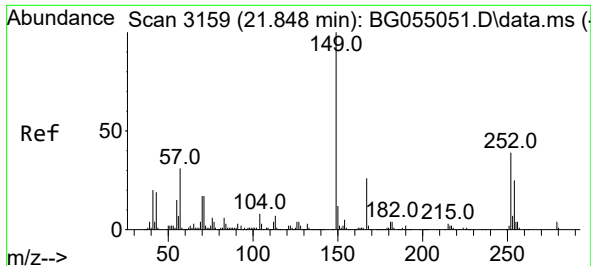


#80
 Butylbenzylphthalate
 Concen: 4.852 ng
 RT: 20.917 min Scan# 3000
 Delta R.T. -0.027 min
 Lab File: BG055092.D
 Acq: 6 Oct 2022 21:48

Tgt Ion:149 Resp: 70

Ion	Ratio	Lower	Upper
149	100		
91	83.4	57.8	86.8
206	0.0	16.9	25.3

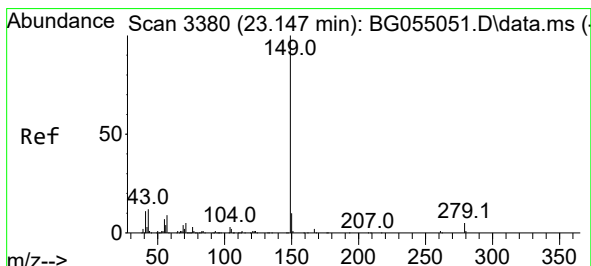
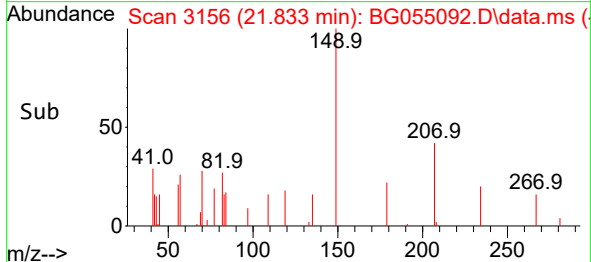
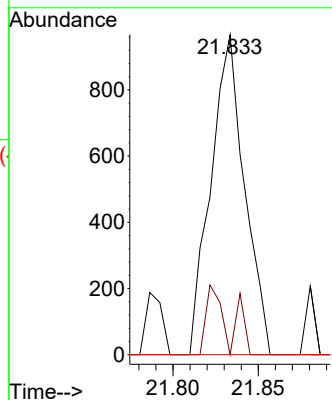
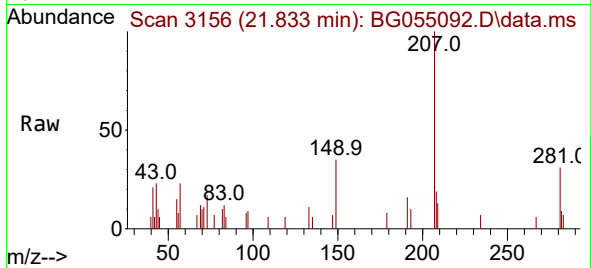




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 4.281 ng
 RT: 21.833 min Scan# 3156
 Delta R.T. -0.015 min
 Lab File: BG055092.D
 Acq: 6 Oct 2022 21:48

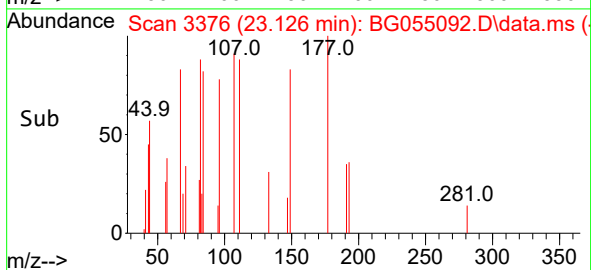
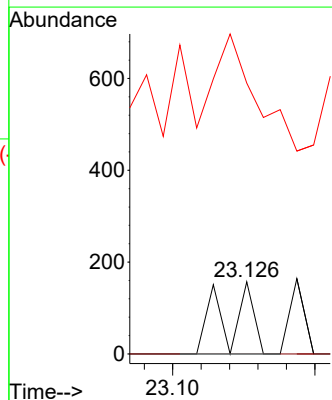
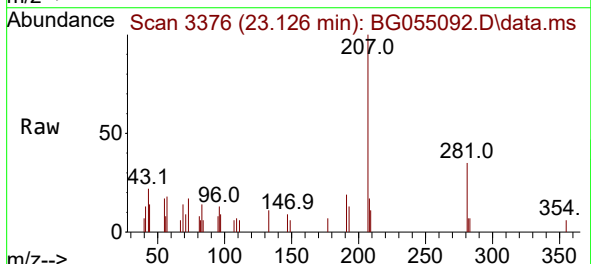
Instrument :
 BNA_G
 ClientSampleId :
 SB-06-0-2.0

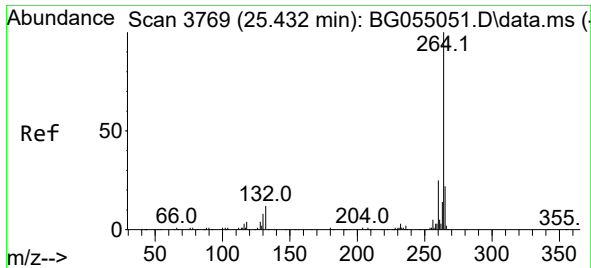
Tgt Ion:149 Resp: 1329
 Ion Ratio Lower Upper
 149 100
 167 0.0 21.0 31.4#
 279 0.0 3.4 5.2#



#85
 Di-n-octyl phthalate
 Concen: 4.350 ng
 RT: 23.126 min Scan# 3376
 Delta R.T. -0.021 min
 Lab File: BG055092.D
 Acq: 6 Oct 2022 21:48

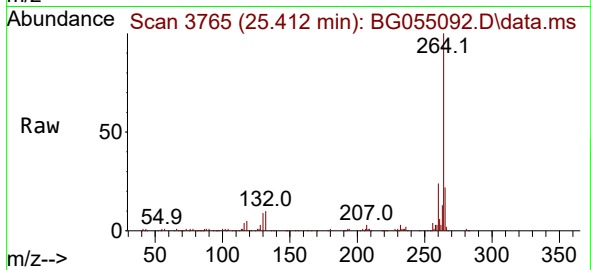
Tgt Ion:149 Resp: 109
 Ion Ratio Lower Upper
 149 100
 167 0.0 1.3 1.9#
 43 233.9 10.2 15.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.412 min Scan# 31
Delta R.T. -0.021 min
Lab File: BG055092.D
Acq: 6 Oct 2022 21:48

Instrument :
BNA_G
ClientSampleId :
SB-06-0-2.0



Tgt Ion:264 Resp: 230358

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.7	29.5
265	21.7	17.8	26.6

