

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG093022\
 Data File : BG055040.D
 Acq On : 30 Sep 2022 14:20
 Operator : CG/JU
 Sample : PB148010BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB148010BL

Quant Time: Oct 01 02:12:05 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG092822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 28 15:43:39 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

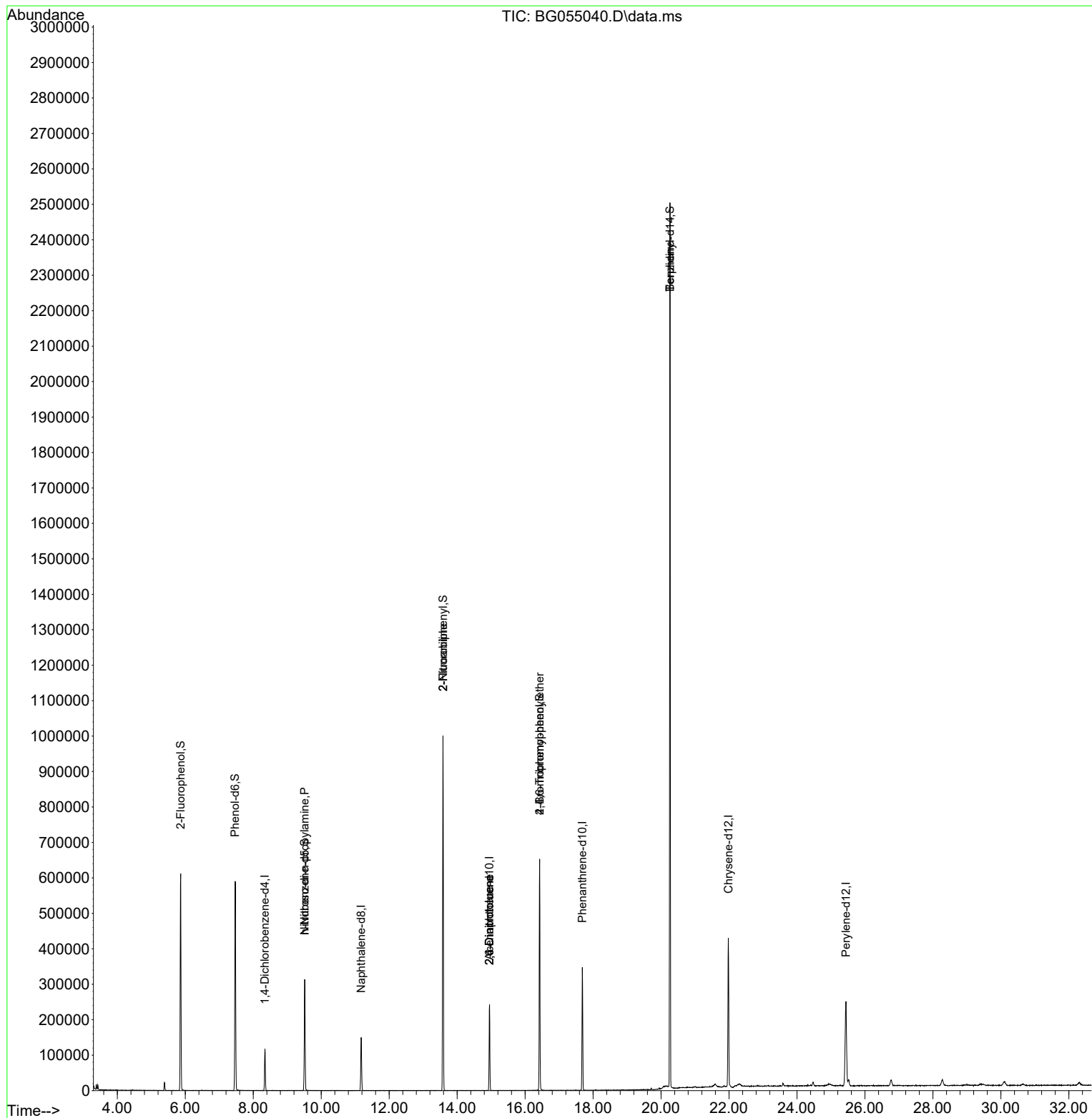
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.343	152	32620	20.000	ng	0.00
21) Naphthalene-d8	11.175	136	130012	20.000	ng	# 0.00
39) Acenaphthene-d10	14.953	164	87655	20.000	ng	0.00
64) Phenanthrene-d10	17.685	188	226822	20.000	ng	0.00
76) Chrysene-d12	21.980	240	269921	20.000	ng	#-0.02
86) Perylene-d12	25.441	264	277460	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.864	112	264144	155.228	ng	0.00
7) Phenol-d6	7.468	99	337857	149.643	ng	0.00
23) Nitrobenzene-d5	9.512	82	187219	92.914	ng	0.00
42) 2,4,6-Tribromophenol	16.428	330	132840	133.558	ng	0.00
45) 2-Fluorobiphenyl	13.584	172	514710	92.431	ng	0.00
79) Terphenyl-d14	20.264	244	1229700	94.999	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.473	77	600	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	9.512	70	25160	14.185	ng	# 82
48) 2-Nitroaniline	13.584	65	805	4.843	ng	# 15
51) 2,6-Dinitrotoluene	14.947	165	11583	12.270	ng	# 20
57) 2,4-Dinitrotoluene	14.947	165	11583	10.402	ng	# 18
67) 4-Bromophenyl-phenylether	16.428	248	8478	3.470	ng	# 1
77) Benzidine	20.264	184	18814	2.815	ng	# 90

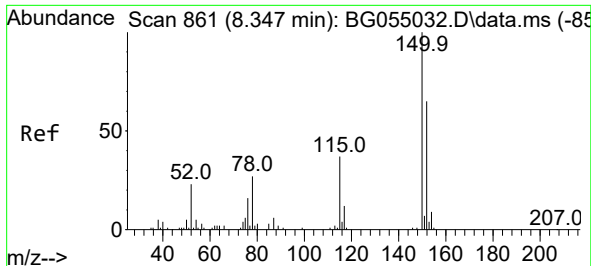
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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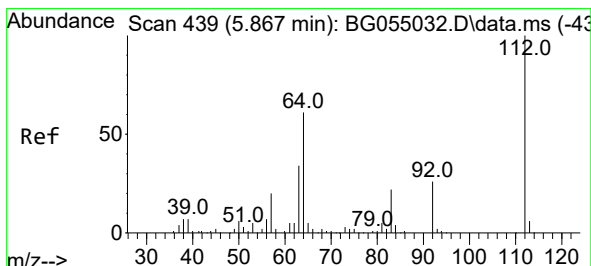
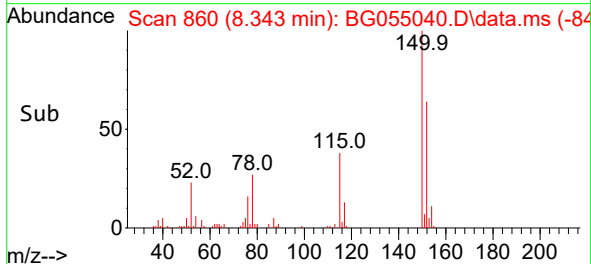
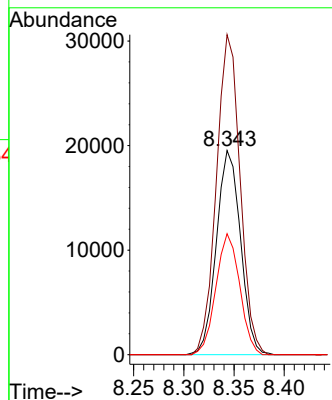
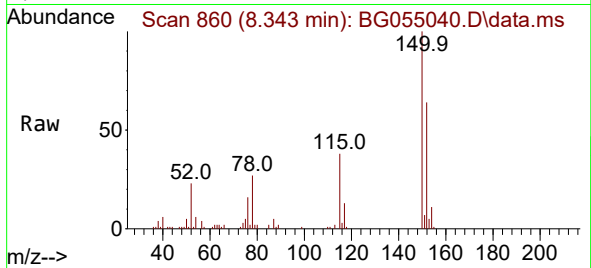




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.343 min Scan# 80
Delta R.T. -0.004 min
Lab File: BG055040.D
Acq: 30 Sep 2022 14:20

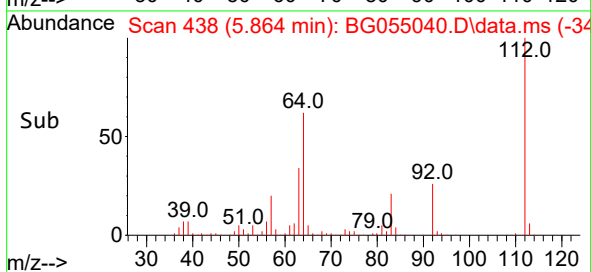
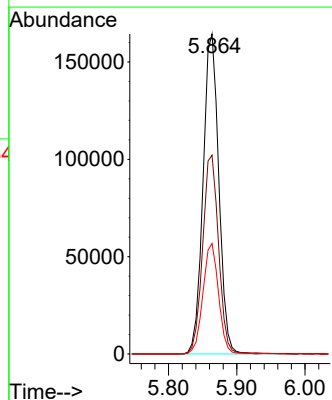
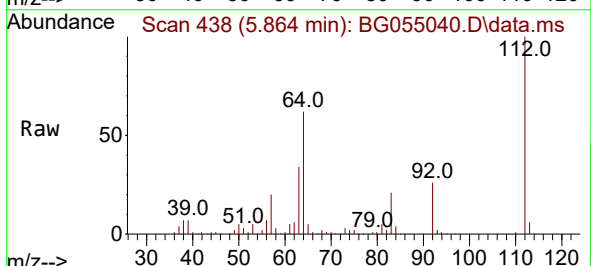
Instrument :
BNA_G
ClientSampleId :
PB148010BL

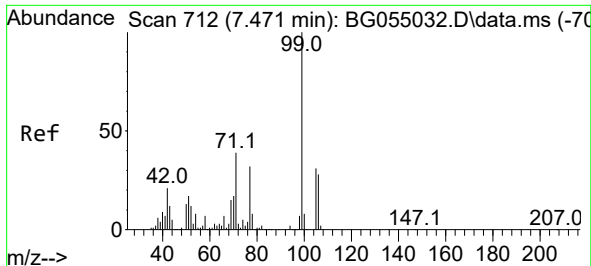
Tgt Ion:152 Resp: 32620
Ion Ratio Lower Upper
152 100
150 156.7 125.2 187.8
115 59.2 47.9 71.9



#5
2-Fluorophenol
Concen: 155.228 ng
RT: 5.864 min Scan# 438
Delta R.T. -0.004 min
Lab File: BG055040.D
Acq: 30 Sep 2022 14:20

Tgt Ion:112 Resp: 264144
Ion Ratio Lower Upper
112 100
64 62.1 49.3 73.9
63 34.5 26.3 39.5

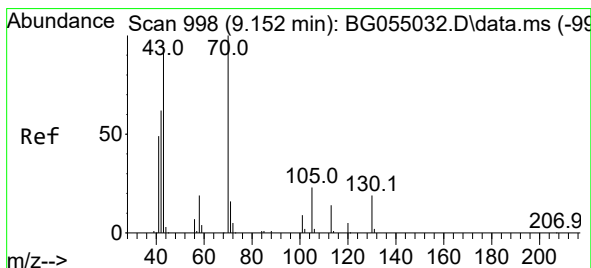
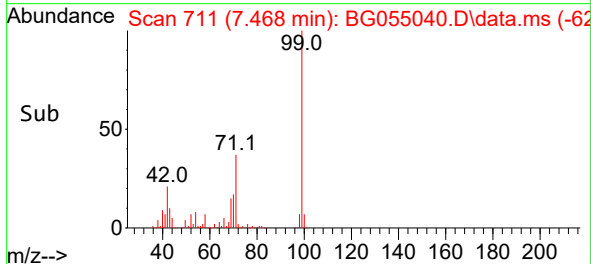
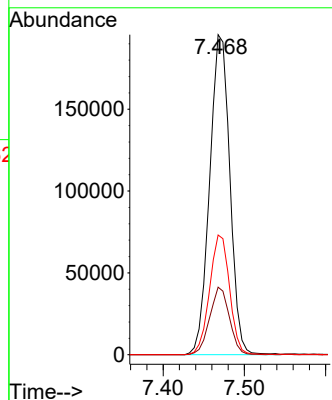
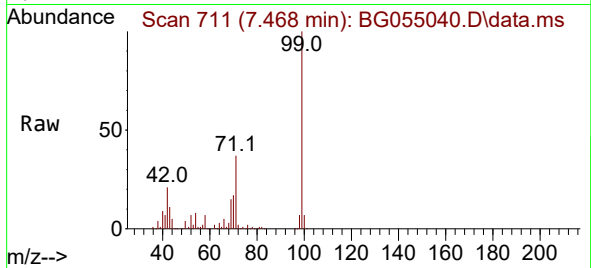




#7
Phenol-d6
Concen: 149.643 ng
RT: 7.468 min Scan# 71
Delta R.T. -0.004 min
Lab File: BG055040.D
Acq: 30 Sep 2022 14:20

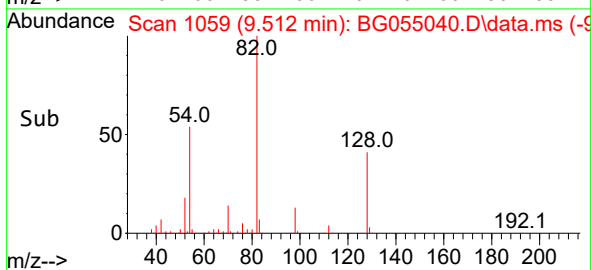
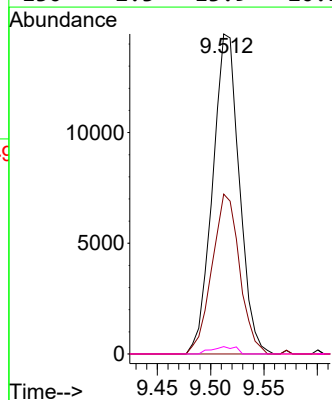
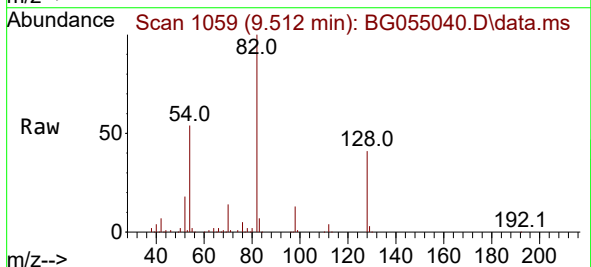
Instrument :
BNA_G
ClientSampleId :
PB148010BL

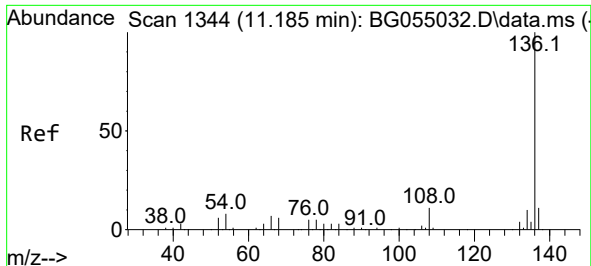
Tgt Ion: 99 Resp: 337857
Ion Ratio Lower Upper
99 100
42 21.1 14.6 22.0
71 37.4 24.6 37.0#



#19
n-Nitroso-di-n-propylamine
Concen: 14.185 ng
RT: 9.512 min Scan# 1059
Delta R.T. 0.360 min
Lab File: BG055040.D
Acq: 30 Sep 2022 14:20

Tgt Ion: 70 Resp: 25160
Ion Ratio Lower Upper
70 100
42 50.0 46.6 69.8
101 0.0 7.7 11.5#
130 2.3 13.9 20.9#

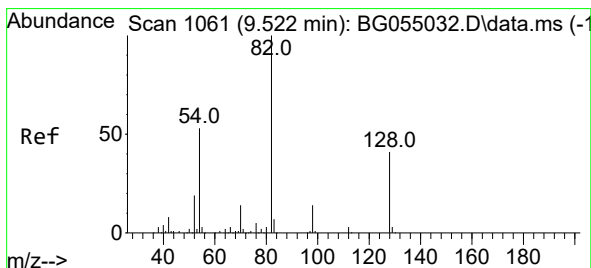
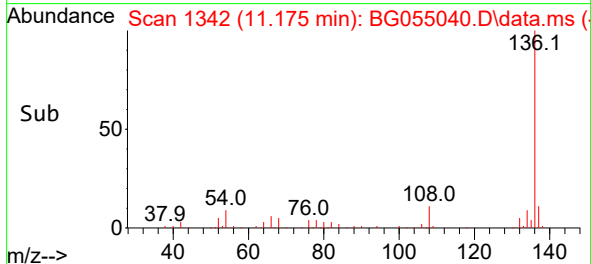
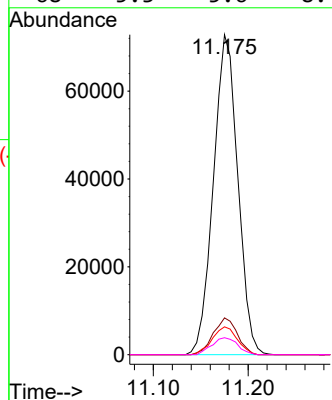
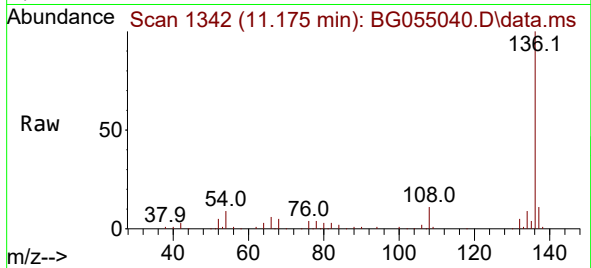




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.175 min Scan# 11
Delta R.T. -0.010 min
Lab File: BG055040.D
Acq: 30 Sep 2022 14:20

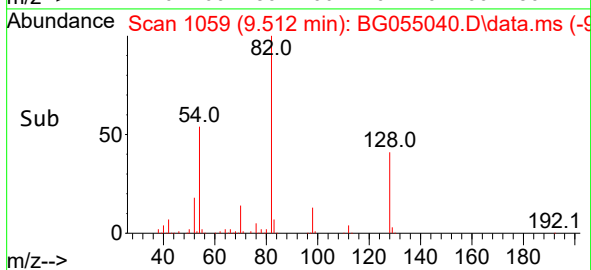
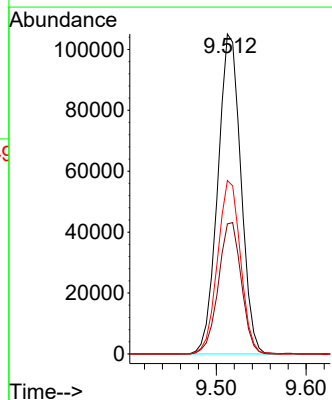
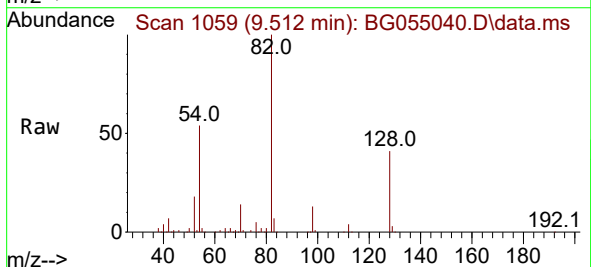
Instrument :
BNA_G
ClientSampleId :
PB148010BL

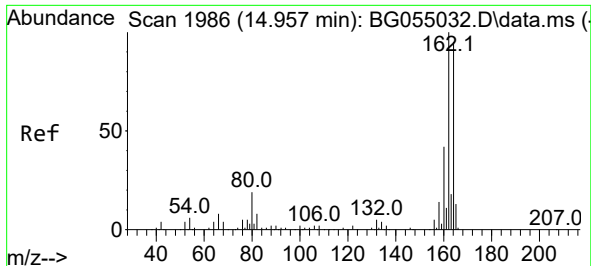
Tgt Ion:136 Resp: 130012
Ion Ratio Lower Upper
136 100
137 11.5 9.2 13.8
54 8.7 7.7 11.5
68 5.3 5.6 8.4#



#23
Nitrobenzene-d5
Concen: 92.914 ng
RT: 9.512 min Scan# 1059
Delta R.T. -0.010 min
Lab File: BG055040.D
Acq: 30 Sep 2022 14:20

Tgt Ion: 82 Resp: 187219
Ion Ratio Lower Upper
82 100
128 40.7 32.2 48.2
54 54.2 41.4 62.0

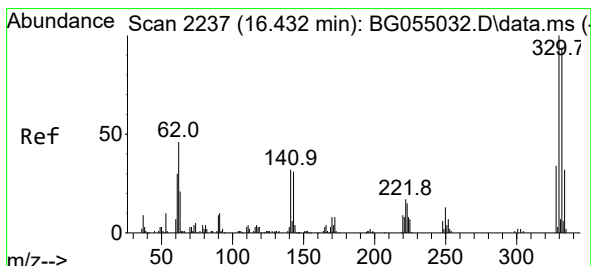
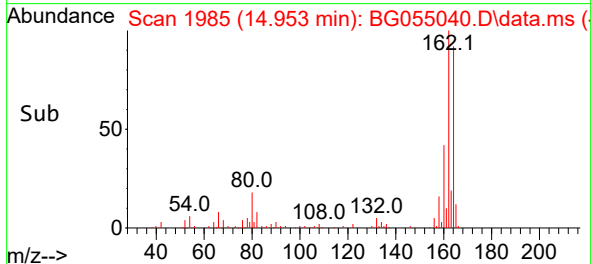
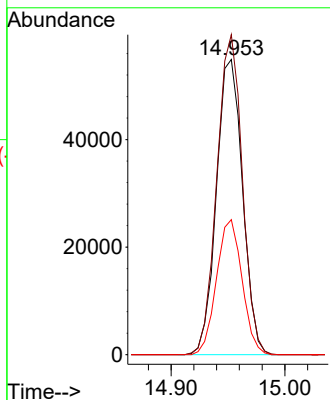
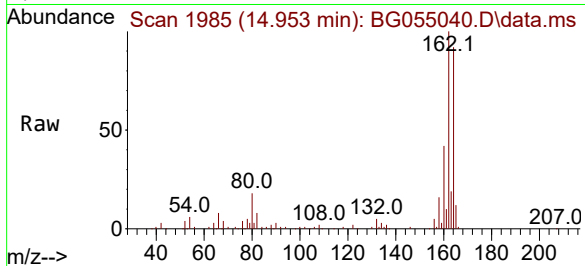




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.953 min Scan# 1985
Delta R.T. -0.004 min
Lab File: BG055040.D
Acq: 30 Sep 2022 14:20

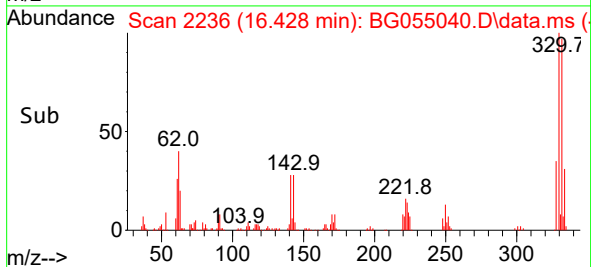
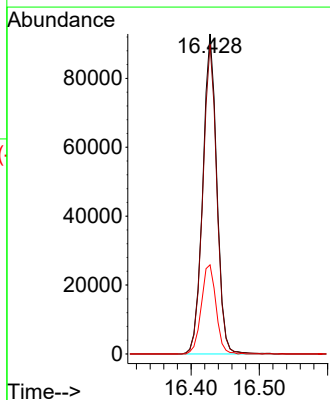
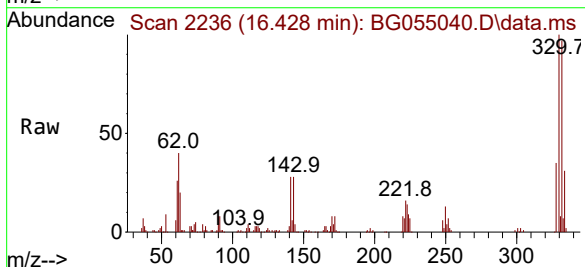
Instrument :
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ClientSampleId :
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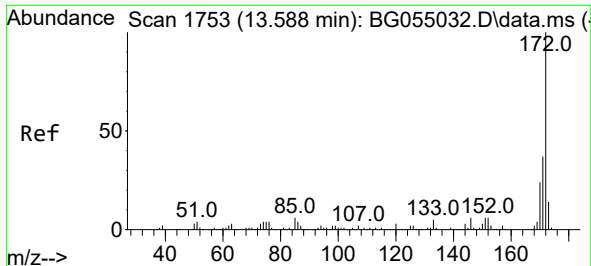
Tgt Ion:164 Resp: 87655
Ion Ratio Lower Upper
164 100
162 108.4 83.0 124.4
160 45.7 38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 133.558 ng
RT: 16.428 min Scan# 2236
Delta R.T. -0.004 min
Lab File: BG055040.D
Acq: 30 Sep 2022 14:20

Tgt Ion:330 Resp: 132840
Ion Ratio Lower Upper
330 100
332 96.0 79.8 119.6
141 29.1 26.8 40.2

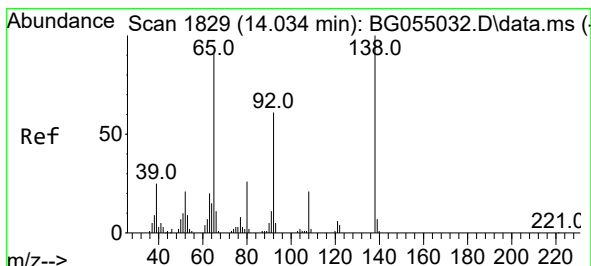
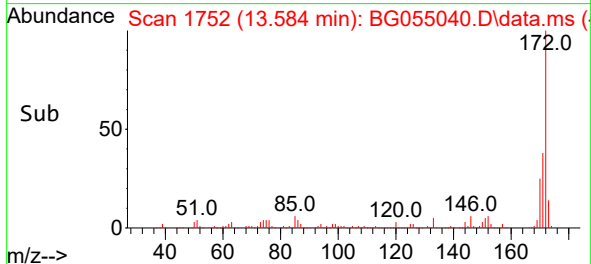
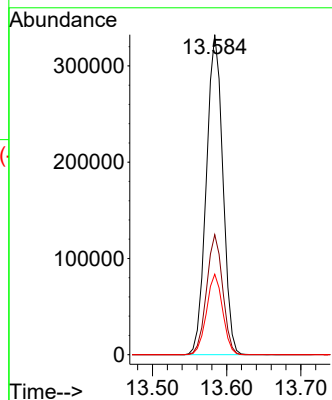
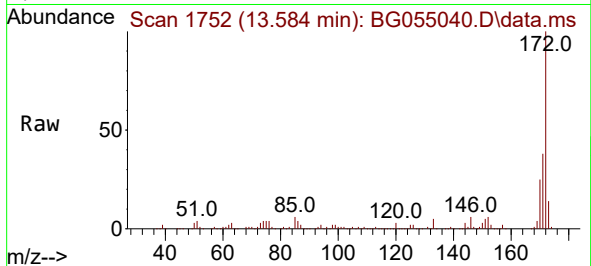




#45
2-Fluorobiphenyl
Concen: 92.431 ng
RT: 13.584 min Scan# 1752
Delta R.T. -0.004 min
Lab File: BG055040.D
Acq: 30 Sep 2022 14:20

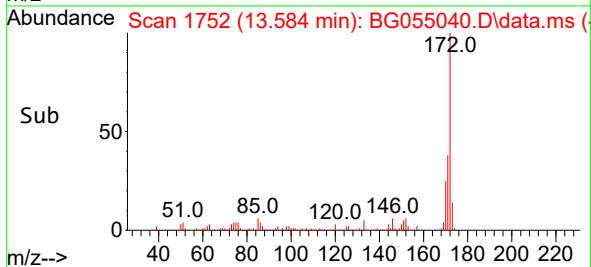
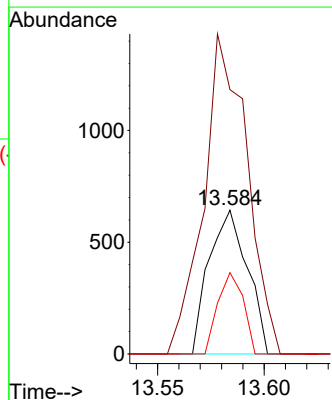
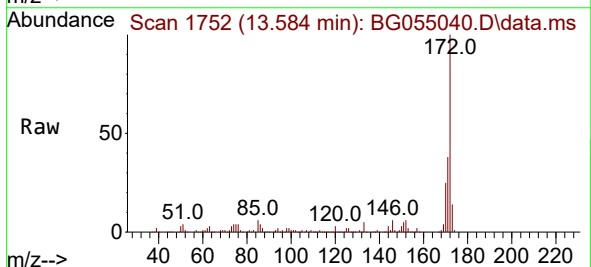
Instrument :
BNA_G
ClientSampleId :
PB148010BL

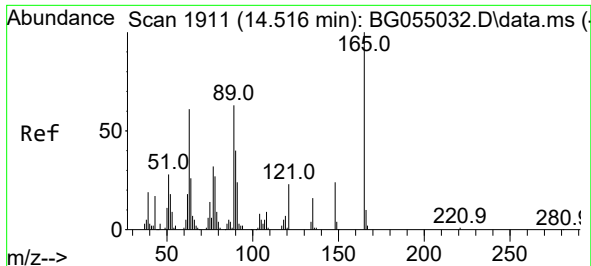
Tgt Ion:172 Resp: 514710
Ion Ratio Lower Upper
172 100
171 37.5 31.2 46.8
170 25.1 20.6 30.8



#48
2-Nitroaniline
Concen: 4.843 ng
RT: 13.584 min Scan# 1752
Delta R.T. -0.450 min
Lab File: BG055040.D
Acq: 30 Sep 2022 14:20

Tgt Ion: 65 Resp: 805
Ion Ratio Lower Upper
65 100
92 184.0 54.7 82.1#
138 56.6 84.1 126.1#

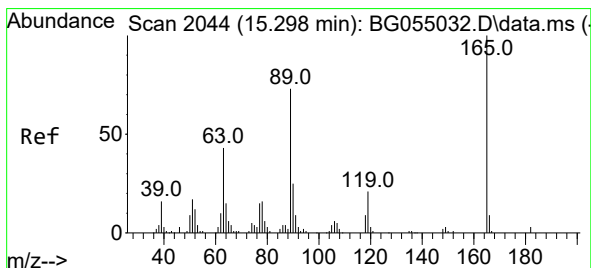
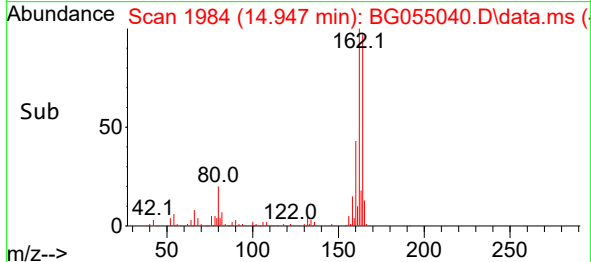
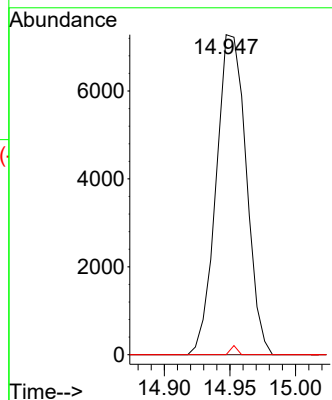
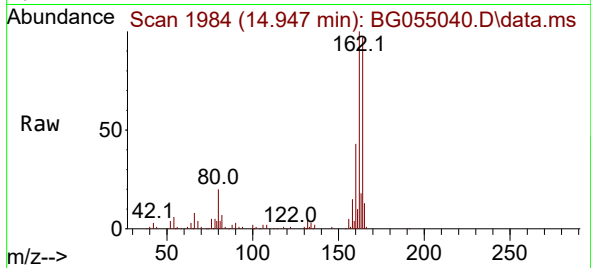




#51
2,6-Dinitrotoluene
Concen: 12.270 ng
RT: 14.947 min Scan# 1911
Delta R.T. 0.431 min
Lab File: BG055040.D
Acq: 30 Sep 2022 14:20

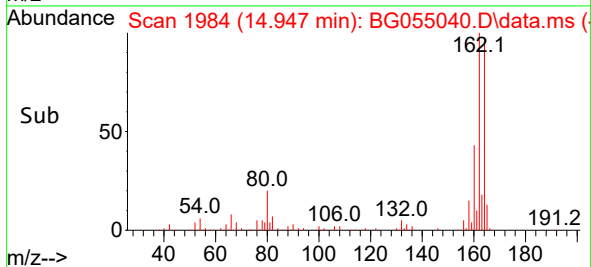
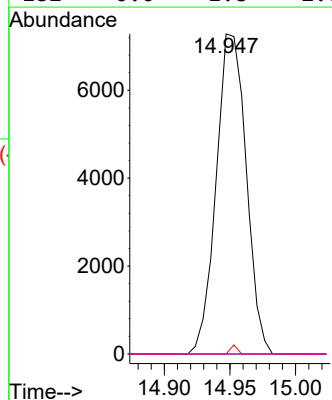
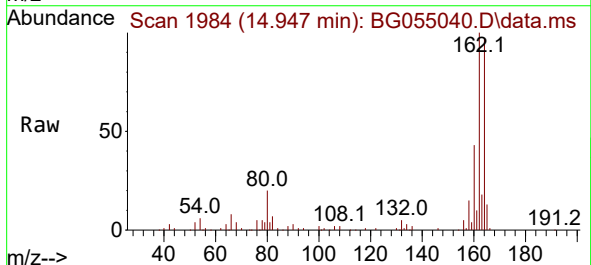
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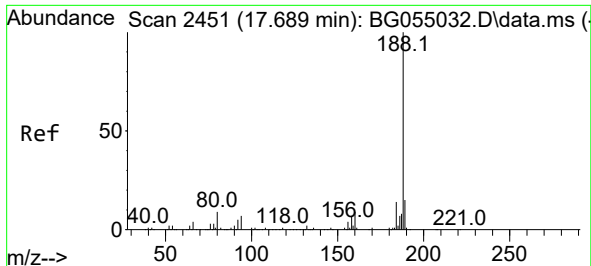
Tgt Ion:165 Resp: 11583
Ion Ratio Lower Upper
165 100
63 0.0 46.0 69.0#
89 0.0 50.3 75.5#



#57
2,4-Dinitrotoluene
Concen: 10.402 ng
RT: 14.947 min Scan# 1984
Delta R.T. -0.351 min
Lab File: BG055040.D
Acq: 30 Sep 2022 14:20

Tgt Ion:165 Resp: 11583
Ion Ratio Lower Upper
165 100
63 0.0 36.8 55.2#
89 0.0 64.3 96.5#
182 0.0 1.8 2.6#

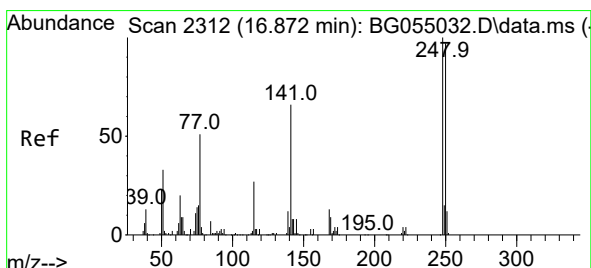
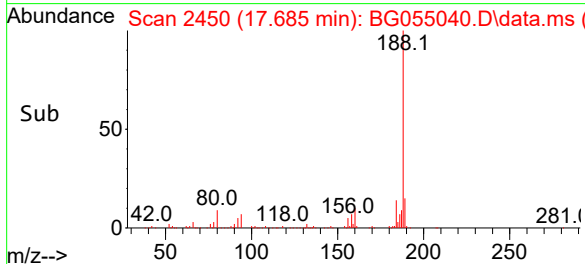
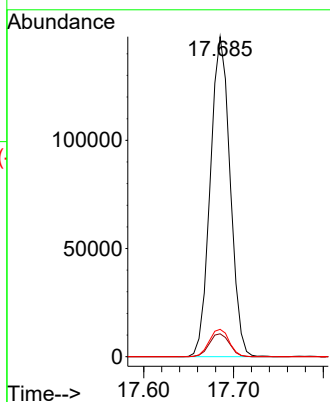
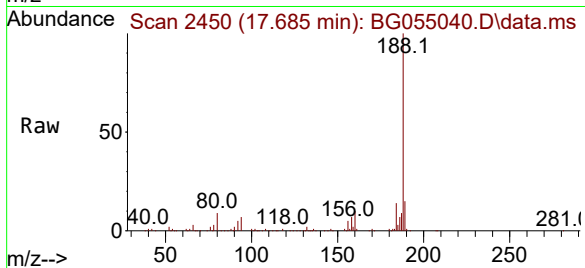




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.685 min Scan# 24
Delta R.T. -0.004 min
Lab File: BG055040.D
Acq: 30 Sep 2022 14:20

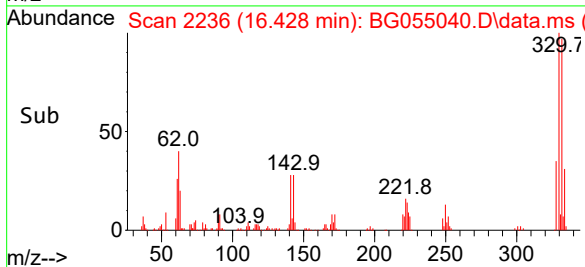
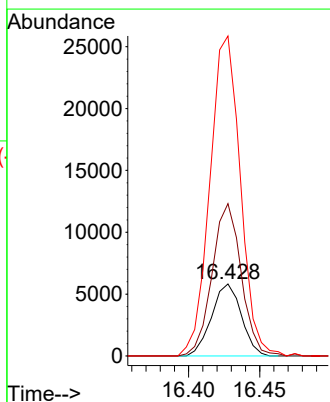
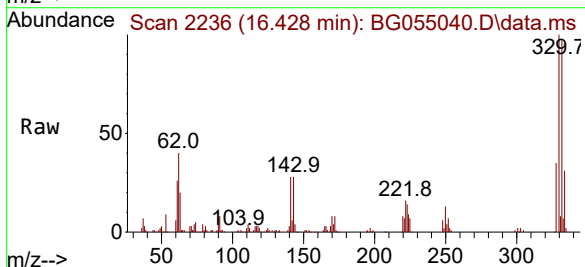
Instrument :
BNA_G
ClientSampleId :
PB148010BL

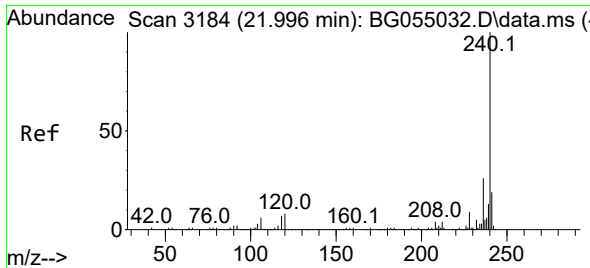
Tgt Ion:188 Resp: 226822
Ion Ratio Lower Upper
188 100
94 7.2 7.0 10.4
80 8.6 7.9 11.9



#67
4-Bromophenyl-phenylether
Concen: 3.470 ng
RT: 16.428 min Scan# 2236
Delta R.T. -0.445 min
Lab File: BG055040.D
Acq: 30 Sep 2022 14:20

Tgt Ion:248 Resp: 8478
Ion Ratio Lower Upper
248 100
250 211.7 78.8 118.2#
141 444.6 51.9 77.9#

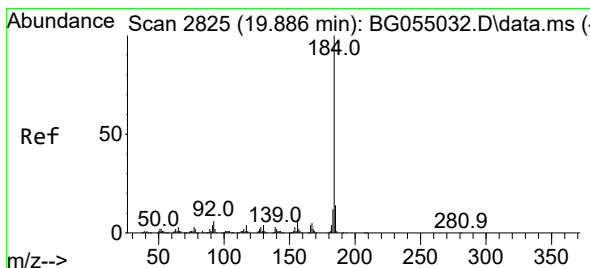
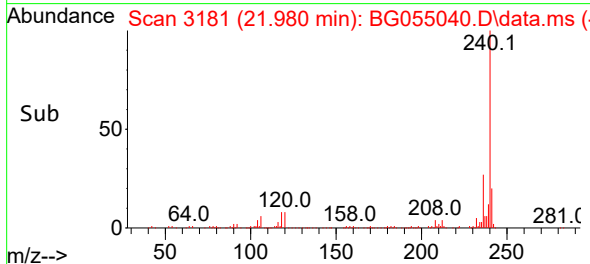
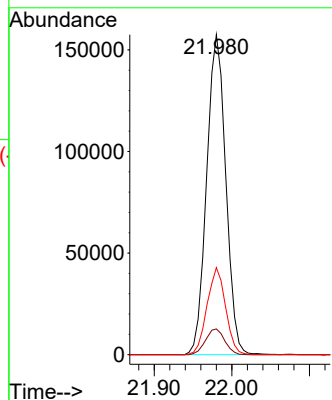
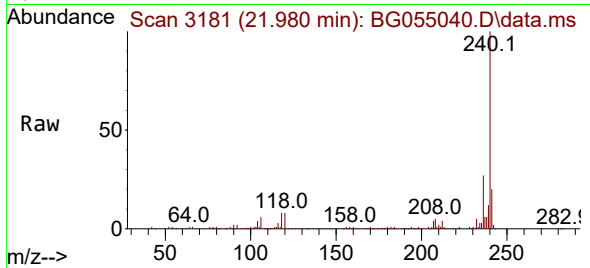




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.980 min Scan# 3184
Delta R.T. -0.016 min
Lab File: BG055040.D
Acq: 30 Sep 2022 14:20

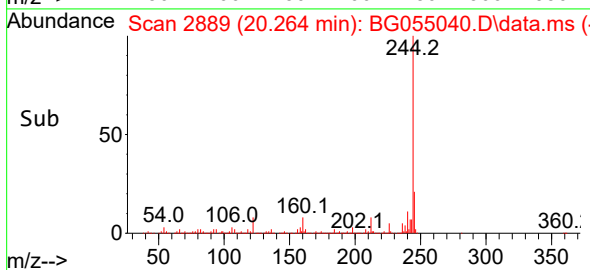
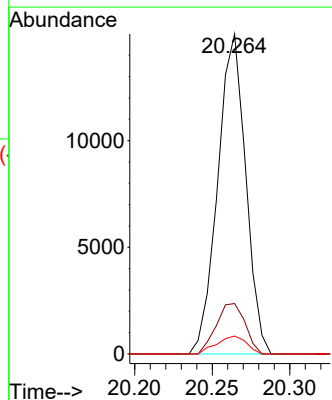
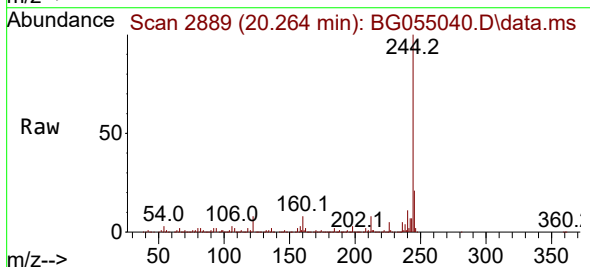
Instrument :
BNA_G
ClientSampleId :
PB148010BL

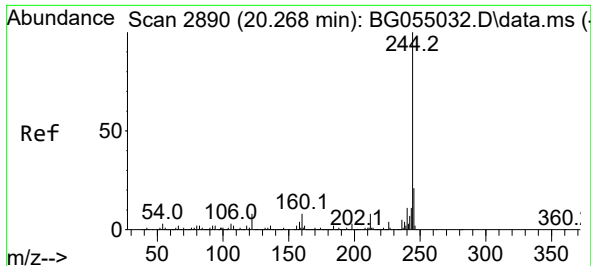
Tgt Ion:240 Resp: 269921
Ion Ratio Lower Upper
240 100
120 8.1 8.2 12.4#
236 27.2 21.2 31.8



#77
Benzidine
Concen: 2.815 ng
RT: 20.264 min Scan# 2889
Delta R.T. 0.378 min
Lab File: BG055040.D
Acq: 30 Sep 2022 14:20

Tgt Ion:184 Resp: 18814
Ion Ratio Lower Upper
184 100
185 15.7 11.4 17.0
183 5.6 9.8 14.8#

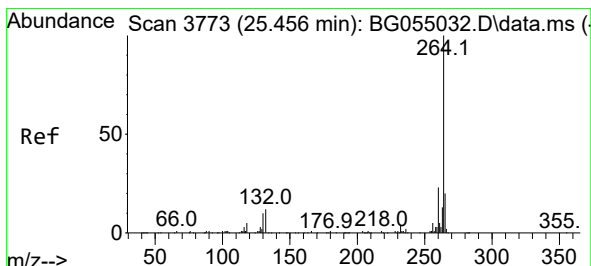
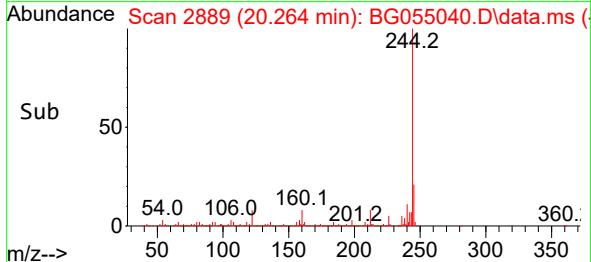
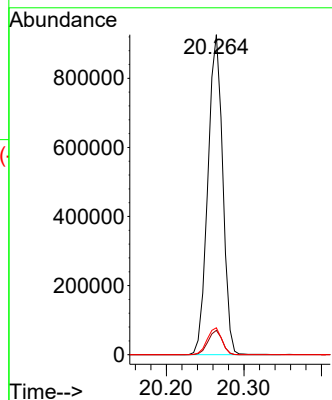
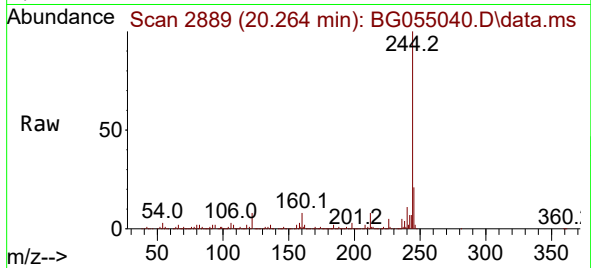




#79
 Terphenyl-d14
 Concen: 94.999 ng
 RT: 20.264 min Scan# 21
 Delta R.T. -0.004 min
 Lab File: BG055040.D
 Acq: 30 Sep 2022 14:20

Instrument :
 BNA_G
 ClientSampleId :
 PB148010BL

Tgt Ion:244 Resp: 1229700
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.2 9.2
 122 8.4 9.0 13.6#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.441 min Scan# 3770
 Delta R.T. -0.016 min
 Lab File: BG055040.D
 Acq: 30 Sep 2022 14:20

Tgt Ion:264 Resp: 277460
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.9 29.9
 265 21.9 16.9 25.3

