

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101722\
 Data File : BG055193.D
 Acq On : 17 Oct 2022 15:16
 Operator : CG/JU
 Sample : N5147-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 557-E-2

Quant Time: Oct 17 16:34:04 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG101322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 13 05:14:13 2022
 Response via : Initial Calibration

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

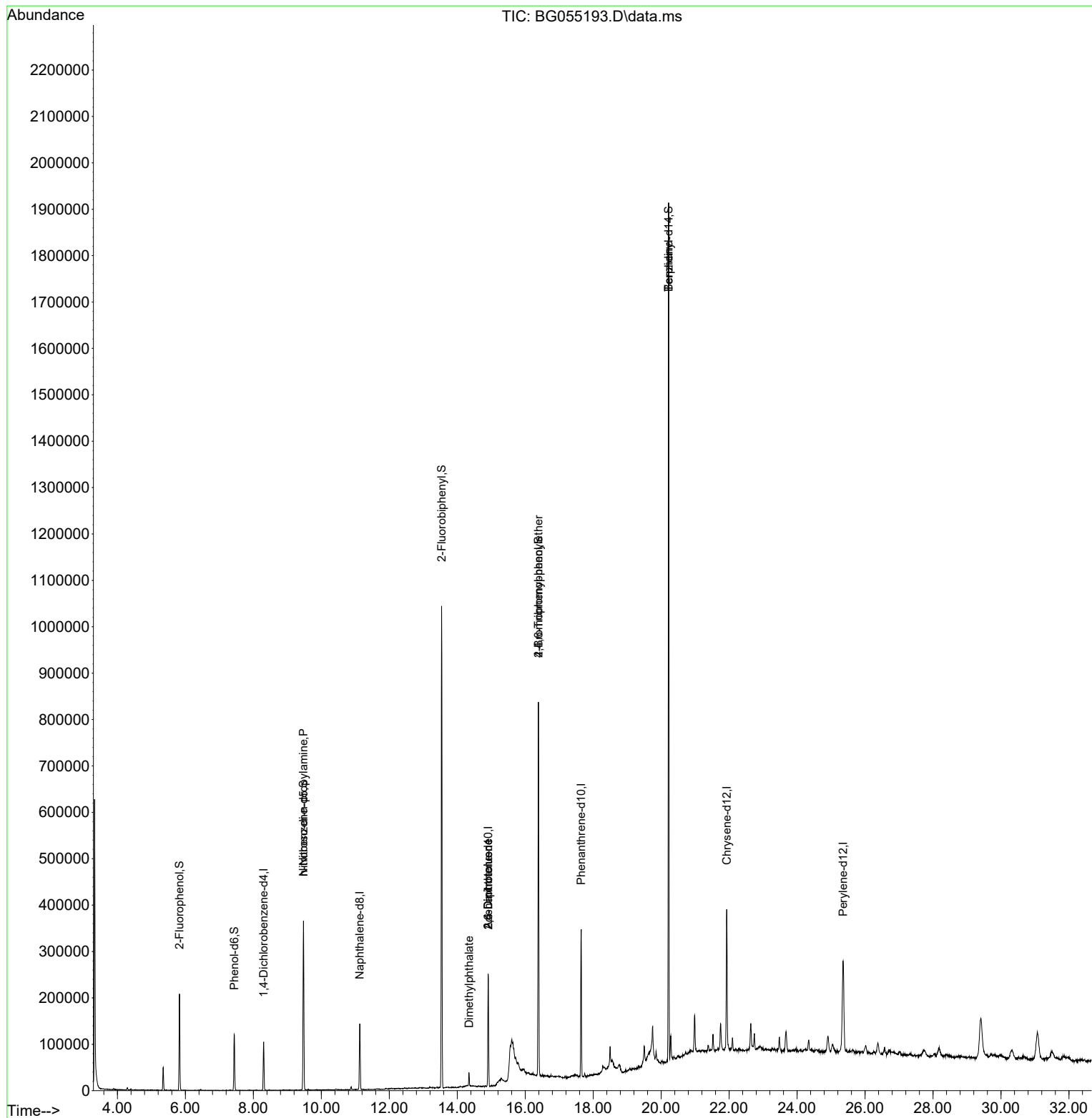
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.305	152	31495	20.000	ng	0.00
21) Naphthalene-d8	11.131	136	122365	20.000	ng	0.00
39) Acenaphthene-d10	14.909	164	87898	20.000	ng	0.00
64) Phenanthrene-d10	17.647	188	201037	20.000	ng	# 0.00
76) Chrysene-d12	21.930	240	198826	20.000	ng	0.00
86) Perylene-d12	25.355	264	217647	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.825	112	89278	55.460	ng	0.00
7) Phenol-d6	7.435	99	69361	29.127	ng	0.00
23) Nitrobenzene-d5	9.474	82	216165	94.731	ng	0.00
42) 2,4,6-Tribromophenol	16.389	330	177310	140.389	ng	0.00
45) 2-Fluorobiphenyl	13.540	172	540592	100.467	ng	0.00
79) Terphenyl-d14	20.220	244	949972	96.228	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.474	70	30702	15.975	ng	# 75
50) Dimethylphthalate	14.345	163	18448	2.611	ng	100
51) 2,6-Dinitrotoluene	14.909	165	11605	7.982	ng	# 21
57) 2,4-Dinitrotoluene	14.909	165	11605	5.449	ng	# 23
67) 4-Bromophenyl-phenylether	16.389	248	10762	4.911	ng	# 1
77) Benzidine	20.220	184	14677	3.292	ng	# 90

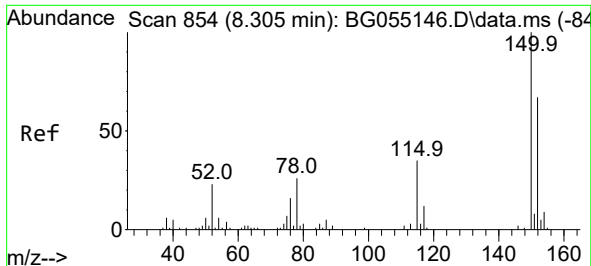
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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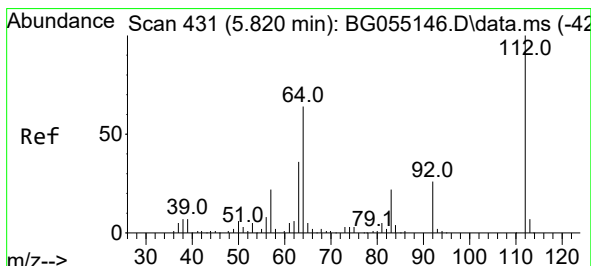
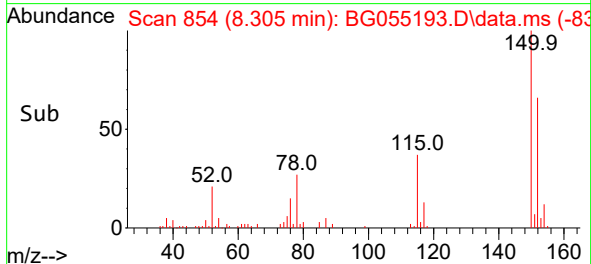
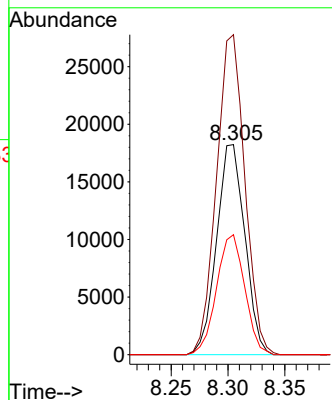
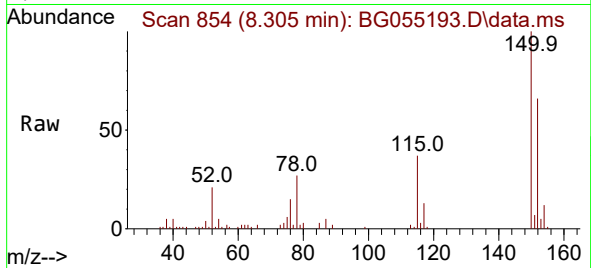




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.305 min Scan# 81
Delta R.T. -0.000 min
Lab File: BG055193.D
Acq: 17 Oct 2022 15:16

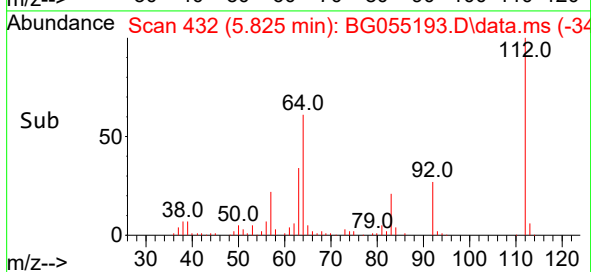
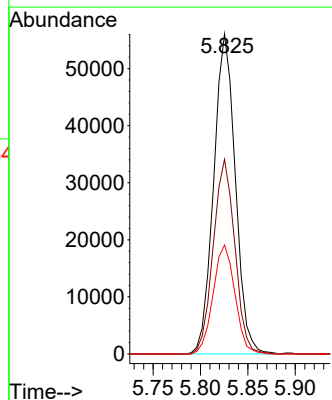
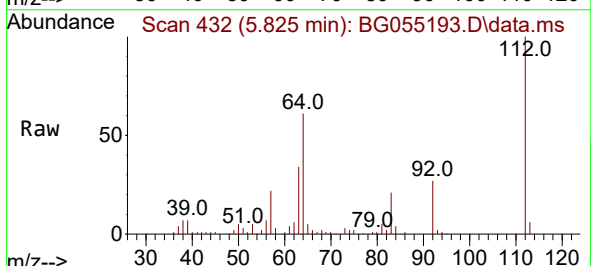
Instrument :
BNA_G
ClientSampleId :
557-E-2

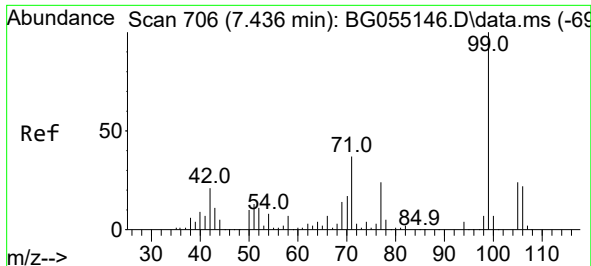
Tgt Ion:152 Resp: 31495
Ion Ratio Lower Upper
152 100
150 152.3 119.7 179.5
115 57.1 42.4 63.6



#5
2-Fluorophenol
Concen: 55.460 ng
RT: 5.825 min Scan# 432
Delta R.T. 0.005 min
Lab File: BG055193.D
Acq: 17 Oct 2022 15:16

Tgt Ion:112 Resp: 89278
Ion Ratio Lower Upper
112 100
64 60.8 50.9 76.3
63 34.0 29.0 43.6

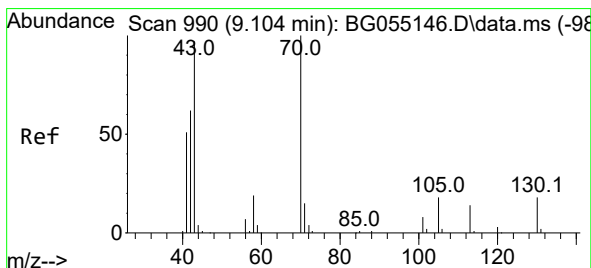
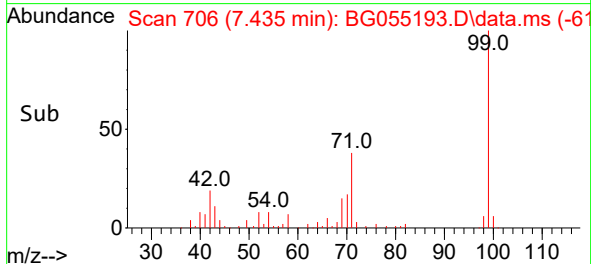
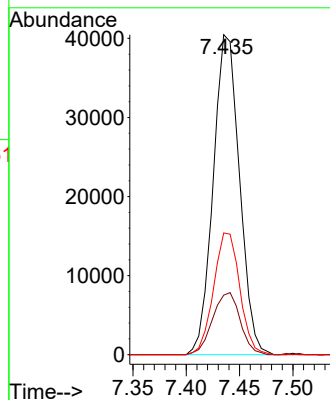
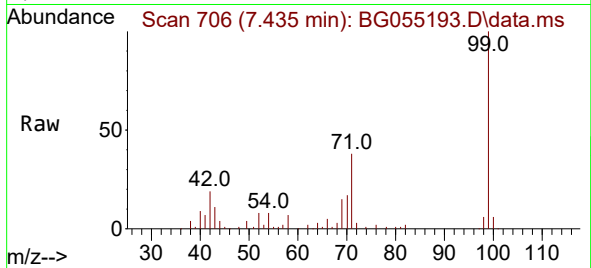




#7
Phenol-d6
Concen: 29.127 ng
RT: 7.435 min Scan# 706
Delta R.T. -0.001 min
Lab File: BG055193.D
Acq: 17 Oct 2022 15:16

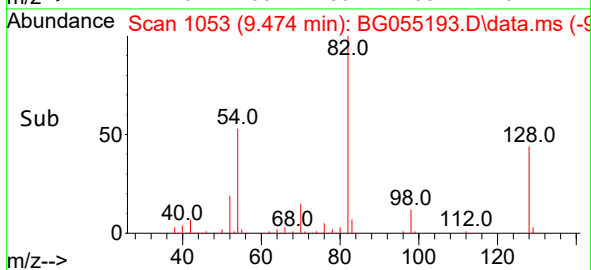
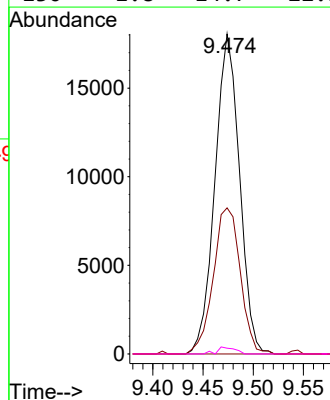
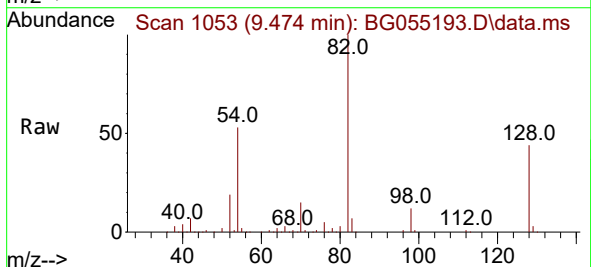
Instrument :
BNA_G
ClientSampleId :
557-E-2

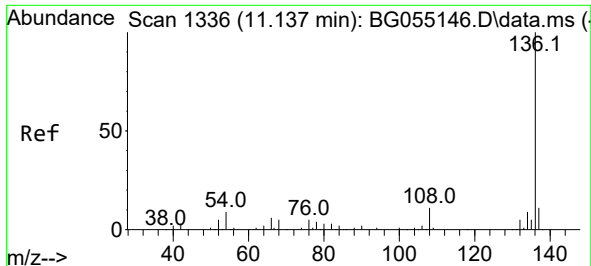
Tgt Ion: 99 Resp: 69361
Ion Ratio Lower Upper
99 100
42 18.6 16.6 25.0
71 38.0 29.6 44.4



#19
n-Nitroso-di-n-propylamine
Concen: 15.975 ng
RT: 9.474 min Scan# 1053
Delta R.T. 0.370 min
Lab File: BG055193.D
Acq: 17 Oct 2022 15:16

Tgt Ion: 70 Resp: 30702
Ion Ratio Lower Upper
70 100
42 45.7 50.1 75.1#
101 0.0 6.6 10.0#
130 1.8 14.7 22.1#

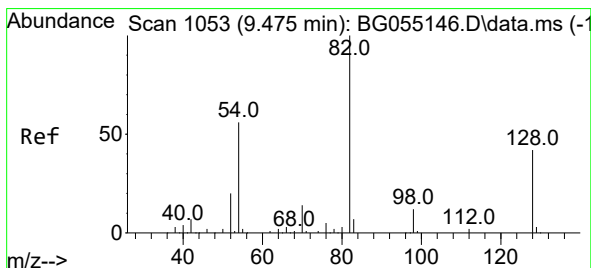
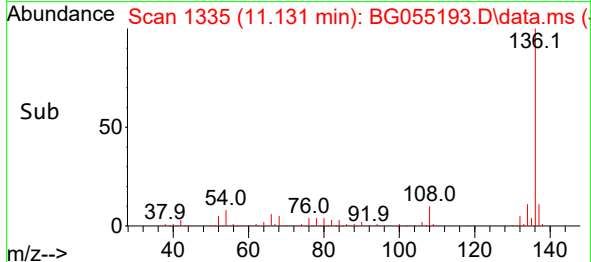
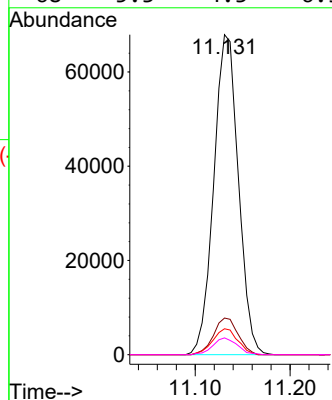
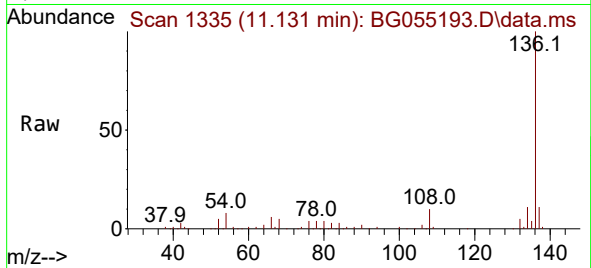




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.131 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG055193.D
Acq: 17 Oct 2022 15:16

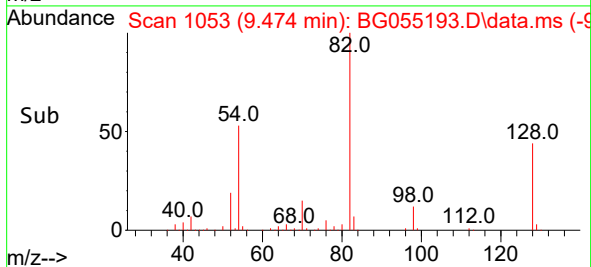
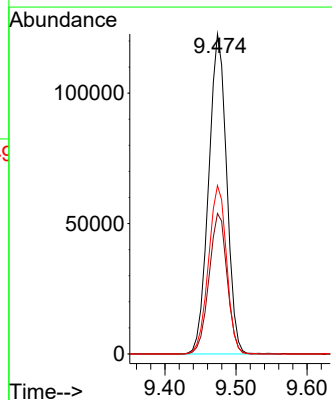
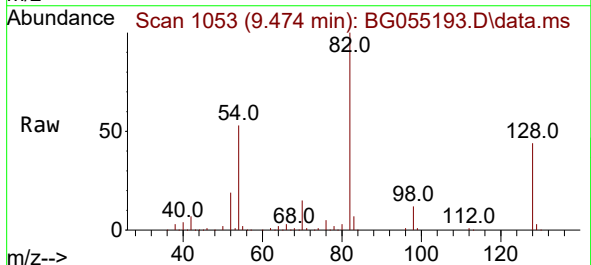
Instrument :
BNA_G
ClientSampleId :
557-E-2

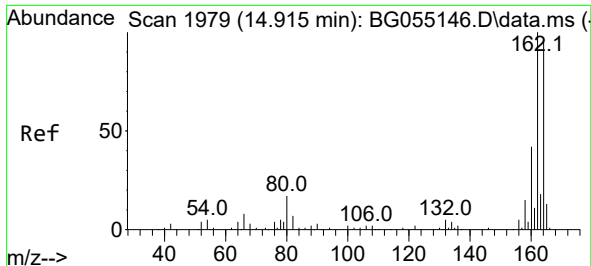
Tgt Ion:	136	Resp:	122365
Ion Ratio	Lower	Upper	
136	100		
137	11.5	9.1	13.7
54	8.1	7.0	10.6
68	5.3	4.3	6.5



#23
Nitrobenzene-d5
Concen: 94.731 ng
RT: 9.474 min Scan# 1053
Delta R.T. -0.001 min
Lab File: BG055193.D
Acq: 17 Oct 2022 15:16

Tgt Ion:	82	Resp:	216165
Ion Ratio	Lower	Upper	
82	100		
128	43.9	33.5	50.3
54	52.6	44.7	67.1

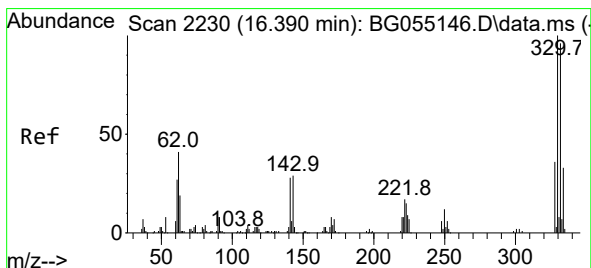
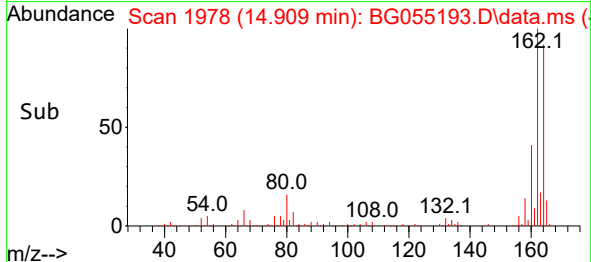
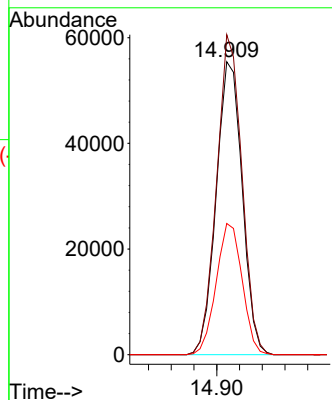
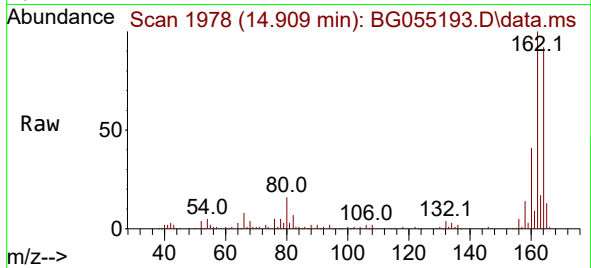




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.909 min Scan# 1979
Delta R.T. -0.006 min
Lab File: BG055193.D
Acq: 17 Oct 2022 15:16

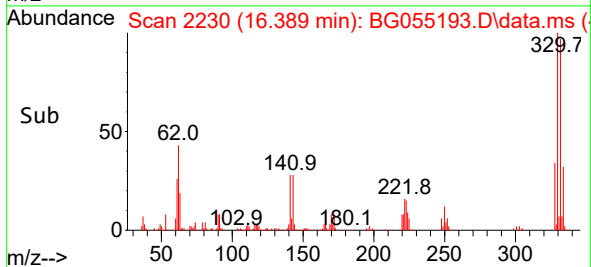
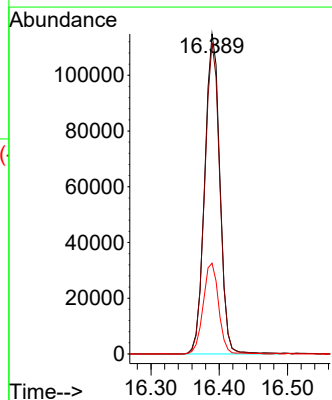
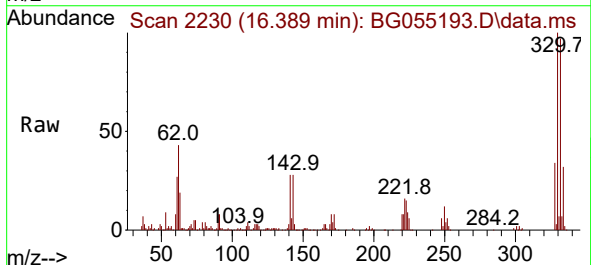
Instrument :
BNA_G
ClientSampleId :
557-E-2

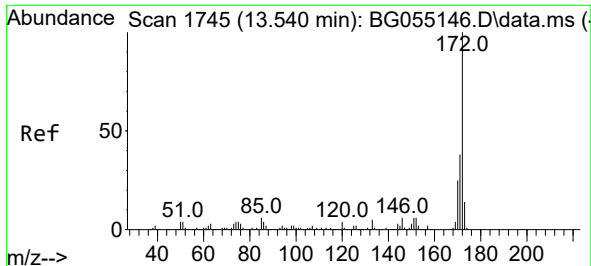
Tgt Ion:164 Resp: 87898
Ion Ratio Lower Upper
164 100
162 109.2 83.3 124.9
160 44.8 35.3 52.9



#42
2,4,6-Tribromophenol
Concen: 140.389 ng
RT: 16.389 min Scan# 2230
Delta R.T. -0.001 min
Lab File: BG055193.D
Acq: 17 Oct 2022 15:16

Tgt Ion:330 Resp: 177310
Ion Ratio Lower Upper
330 100
332 96.8 77.0 115.4
141 29.0 24.6 36.8

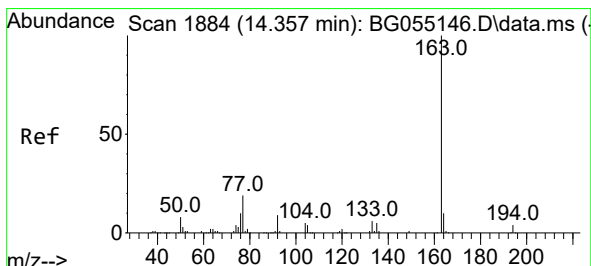
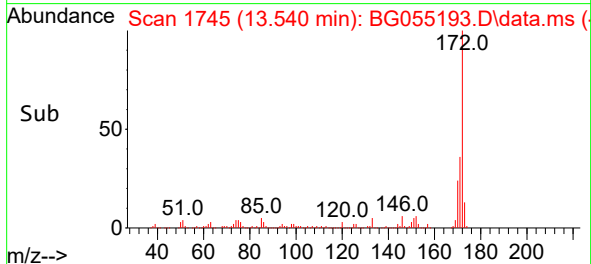
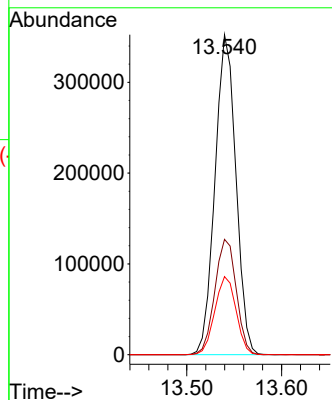
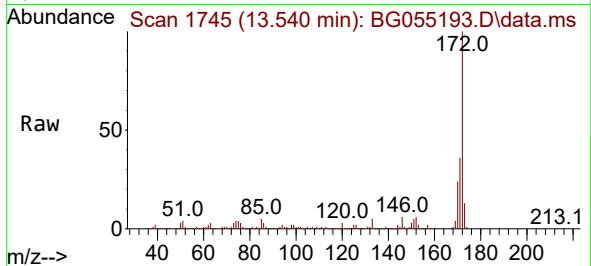




#45
2-Fluorobiphenyl
Concen: 100.467 ng
RT: 13.540 min Scan# 1
Delta R.T. -0.001 min
Lab File: BG055193.D
Acq: 17 Oct 2022 15:16

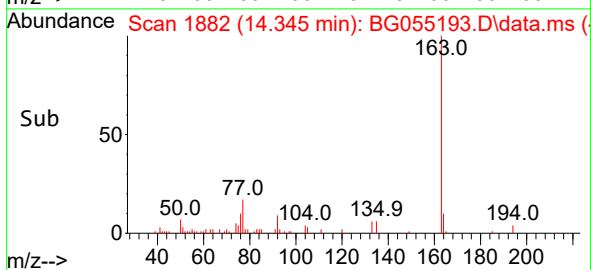
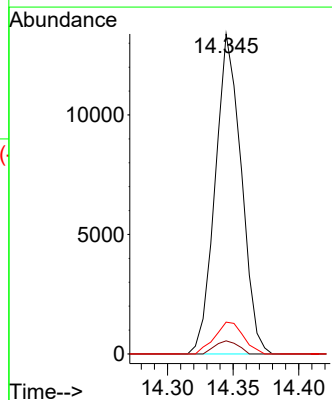
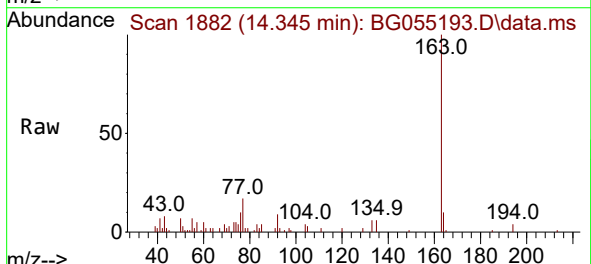
Instrument :
BNA_G
ClientSampleId :
557-E-2

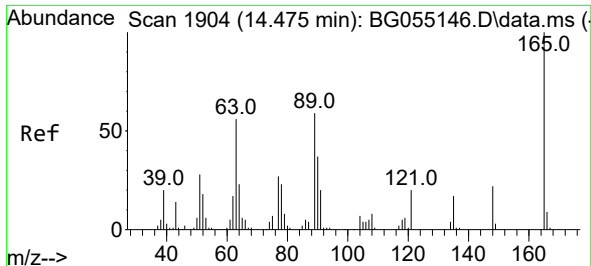
Tgt Ion:172 Resp: 540592
Ion Ratio Lower Upper
172 100
171 36.0 30.1 45.1
170 24.4 19.8 29.6



#50
Dimethylphthalate
Concen: 2.611 ng
RT: 14.345 min Scan# 1882
Delta R.T. -0.012 min
Lab File: BG055193.D
Acq: 17 Oct 2022 15:16

Tgt Ion:163 Resp: 18448
Ion Ratio Lower Upper
163 100
194 4.1 3.1 4.7
164 10.0 8.1 12.1

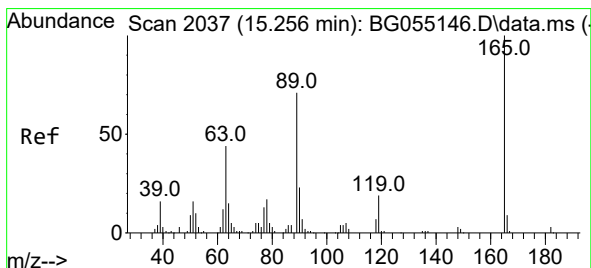
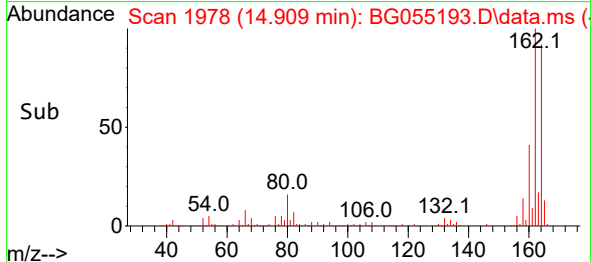
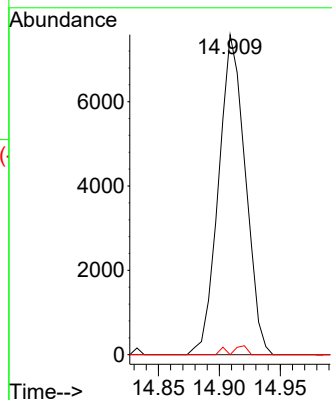
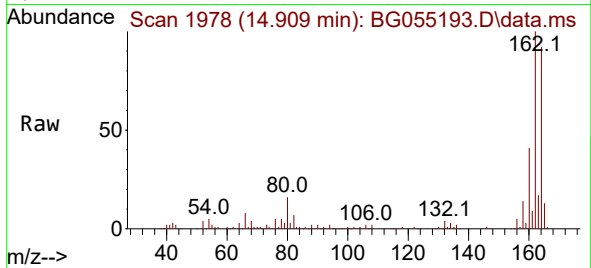




#51
2,6-Dinitrotoluene
Concen: 7.982 ng
RT: 14.909 min Scan# 1904
Delta R.T. 0.434 min
Lab File: BG055193.D
Acq: 17 Oct 2022 15:16

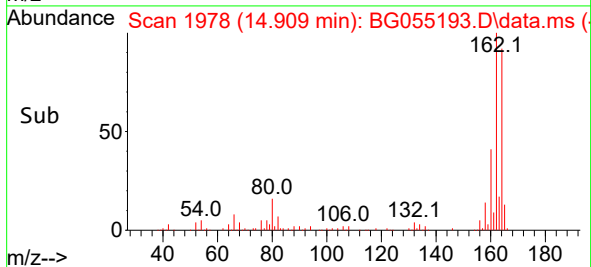
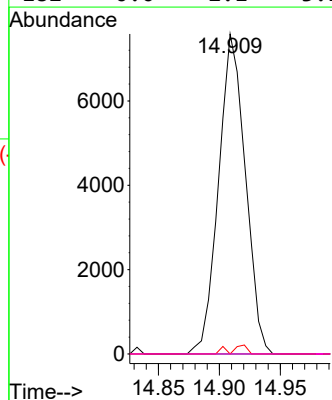
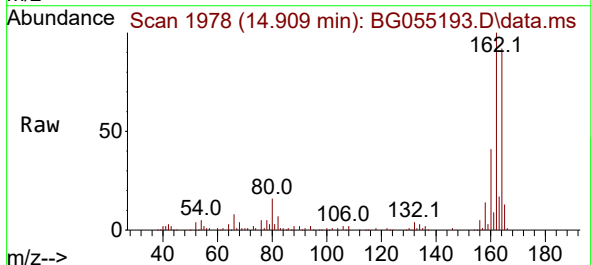
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557-E-2

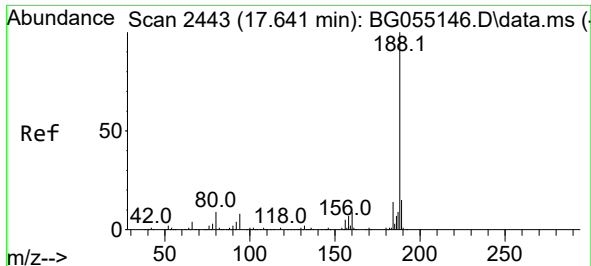
Tgt Ion:165 Resp: 11605
Ion Ratio Lower Upper
165 100
63 0.0 46.6 70.0#
89 0.0 47.6 71.4#



#57
2,4-Dinitrotoluene
Concen: 5.449 ng
RT: 14.909 min Scan# 1978
Delta R.T. -0.347 min
Lab File: BG055193.D
Acq: 17 Oct 2022 15:16

Tgt Ion:165 Resp: 11605
Ion Ratio Lower Upper
165 100
63 0.0 35.6 53.4#
89 0.0 56.4 84.6#
182 0.0 2.1 3.1#

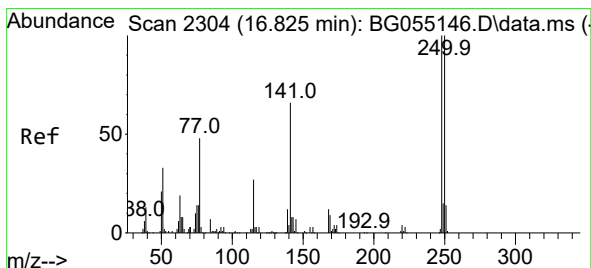
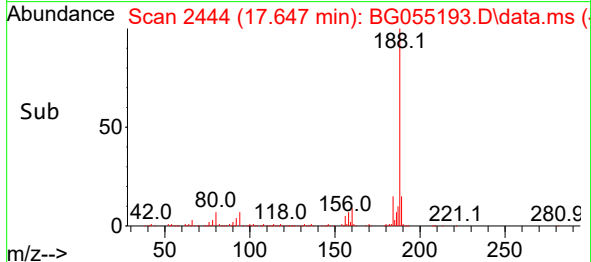
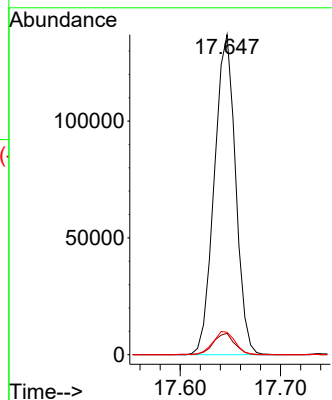
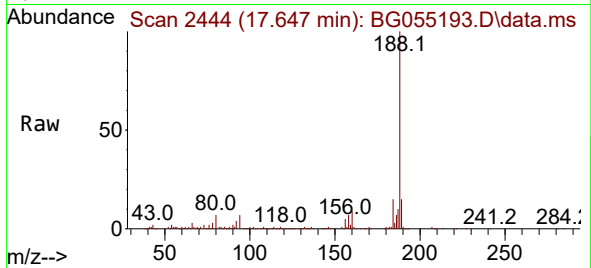




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.647 min Scan# 2443
Delta R.T. 0.005 min
Lab File: BG055193.D
Acq: 17 Oct 2022 15:16

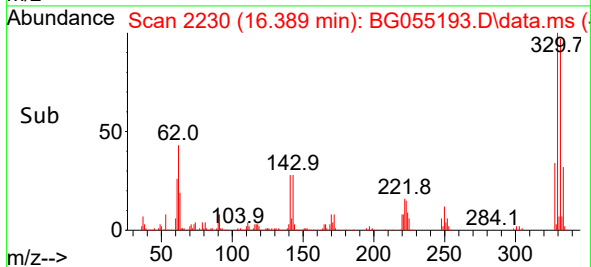
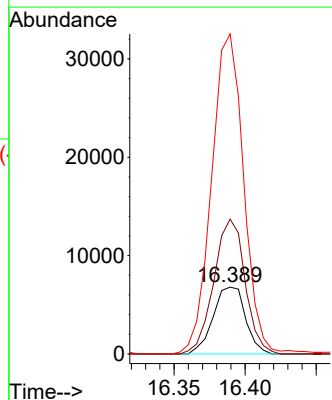
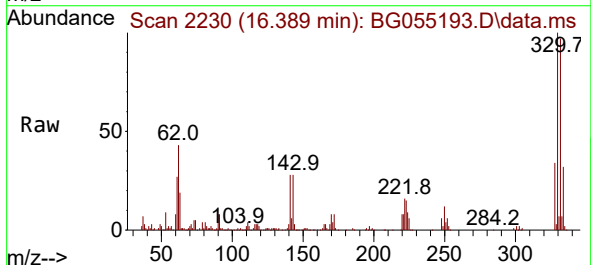
Instrument :
BNA_G
ClientSampleId :
557-E-2

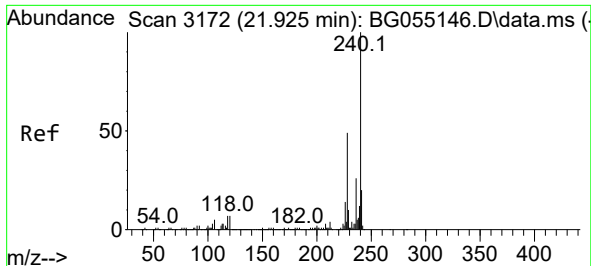
Tgt Ion:188 Resp: 201037
Ion Ratio Lower Upper
188 100
94 6.7 6.2 9.2
80 7.0 7.0 10.6#



#67
4-Bromophenyl-phenylether
Concen: 4.911 ng
RT: 16.389 min Scan# 2230
Delta R.T. -0.435 min
Lab File: BG055193.D
Acq: 17 Oct 2022 15:16

Tgt Ion:248 Resp: 10762
Ion Ratio Lower Upper
248 100
250 201.8 80.1 120.1#
141 478.7 53.1 79.7#

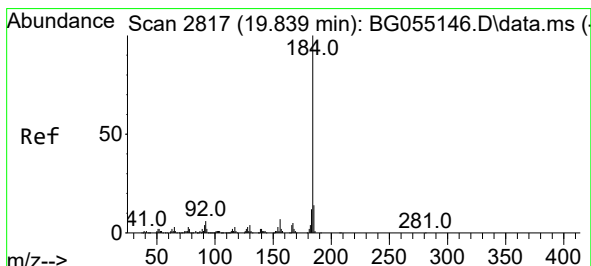
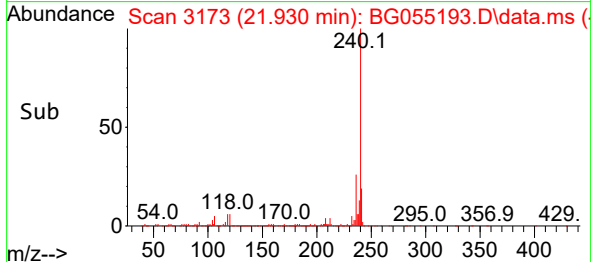
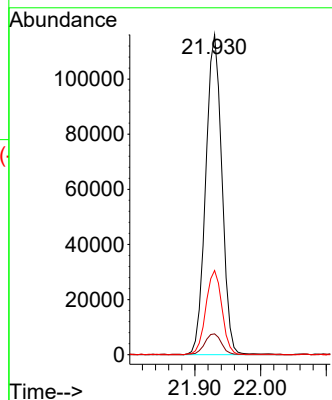
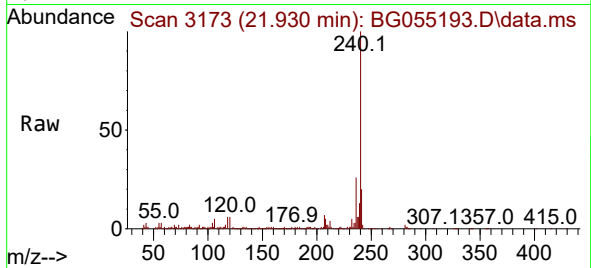




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.930 min Scan# 3172
Delta R.T. 0.005 min
Lab File: BG055193.D
Acq: 17 Oct 2022 15:16

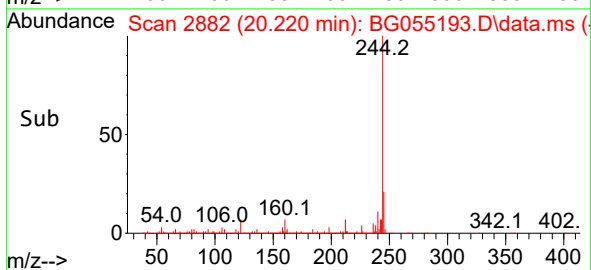
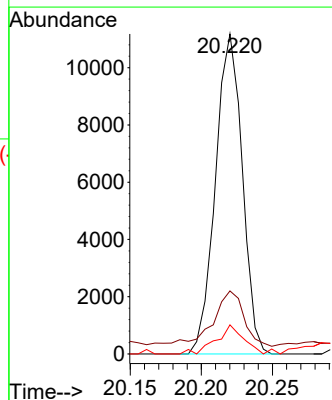
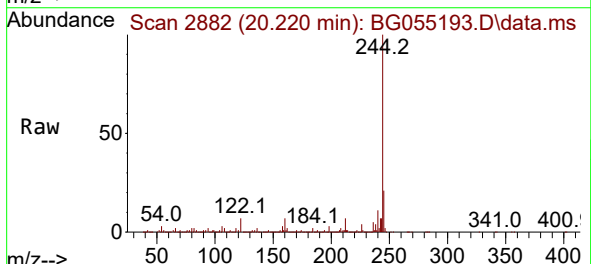
Instrument :
BNA_G
ClientSampleId :
557-E-2

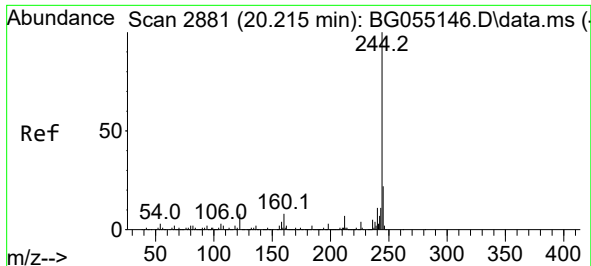
Tgt Ion:240 Resp: 198826
Ion Ratio Lower Upper
240 100
120 6.5 5.4 8.0
236 26.3 20.6 31.0



#77
Benzidine
Concen: 3.292 ng
RT: 20.220 min Scan# 2882
Delta R.T. 0.381 min
Lab File: BG055193.D
Acq: 17 Oct 2022 15:16

Tgt Ion:184 Resp: 14677
Ion Ratio Lower Upper
184 100
185 19.7 11.5 17.3#
183 9.1 9.4 14.2#

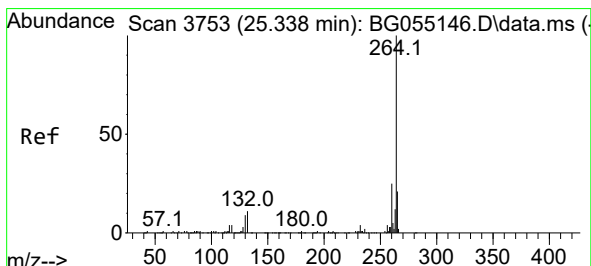
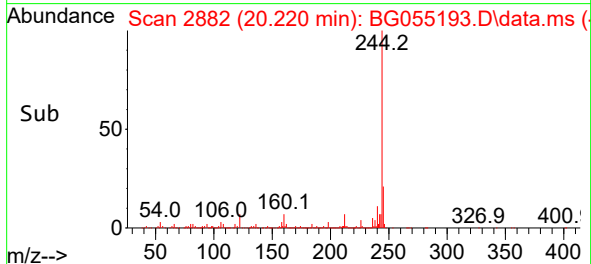
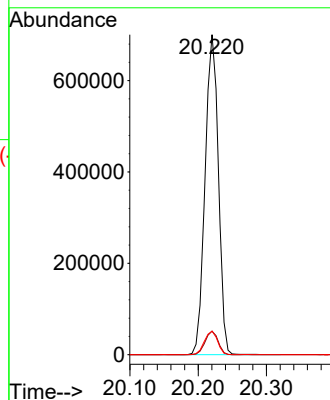
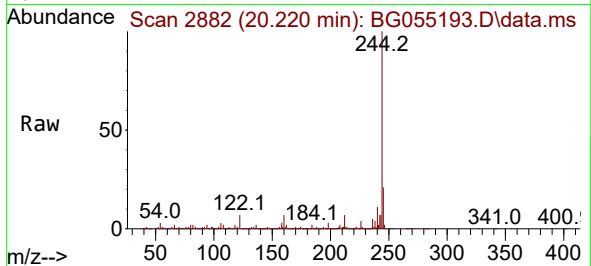




#79
 Terphenyl-d14
 Concen: 96.228 ng
 RT: 20.220 min Scan# 21
 Delta R.T. 0.005 min
 Lab File: BG055193.D
 Acq: 17 Oct 2022 15:16

Instrument :
 BNA_G
 ClientSampleId :
 557-E-2

Tgt Ion:244 Resp: 949972
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.9 8.9
 122 7.4 6.6 10.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.355 min Scan# 3756
 Delta R.T. 0.017 min
 Lab File: BG055193.D
 Acq: 17 Oct 2022 15:16

Tgt Ion:264 Resp: 217647
 Ion Ratio Lower Upper
 264 100
 260 24.1 20.1 30.1
 265 22.7 16.8 25.2

