

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042022\
 Data File : BG053230.D
 Acq On : 21 Apr 2022 00:23
 Operator : CG/JU
 Sample : N2451-05
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-10145

Quant Time: Apr 21 06:05:36 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 08 15:31:24 2022
 Response via : Initial Calibration

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

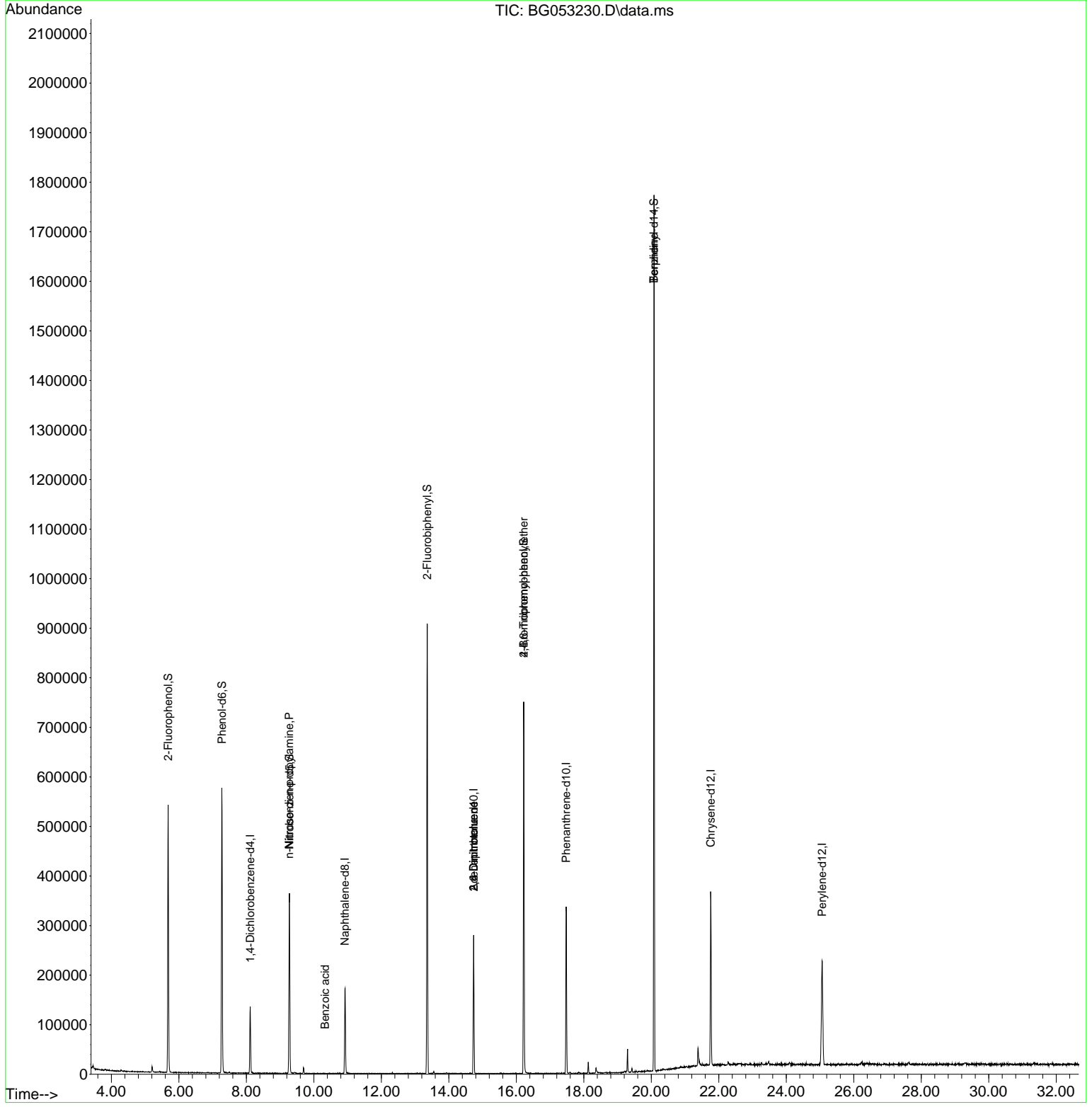
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.114	152	36134	20.000	ng	0.00
21) Naphthalene-d8	10.922	136	141365	20.000	ng	-0.01
39) Acenaphthene-d10	14.734	164	99348	20.000	ng	-0.01
64) Phenanthrene-d10	17.478	188	228460	20.000	ng	#-0.01
76) Chrysene-d12	21.760	240	232073	20.000	ng	-0.01
86) Perylene-d12	25.061	264	233994	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.682	112	224823	106.655	ng	0.00
7) Phenol-d6	7.274	99	322644	99.255	ng	0.00
23) Nitrobenzene-d5	9.277	82	229720	65.981	ng	0.00
42) 2,4,6-Tribromophenol	16.220	330	150893	95.466	ng	-0.01
45) 2-Fluorobiphenyl	13.360	172	495872	68.825	ng	0.00
79) Terphenyl-d14	20.080	244	900328	65.521	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.271	70	33833	14.216	ng	# 76
32) Benzoic acid	10.334	122	57	3.669	ng	# 1
51) 2,6-Dinitrotoluene	14.734	165	12454	7.513	ng	# 25
57) 2,4-Dinitrotoluene	14.734	165	12454	5.277	ng	# 24
67) 4-Bromophenyl-phenylether	16.220	248	10028	3.426	ng	# 1
77) Benzidine	20.080	184	15717	2.374	ng	# 91

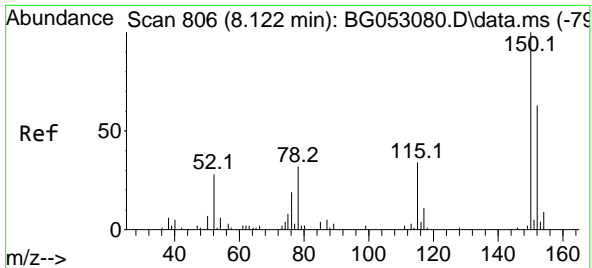
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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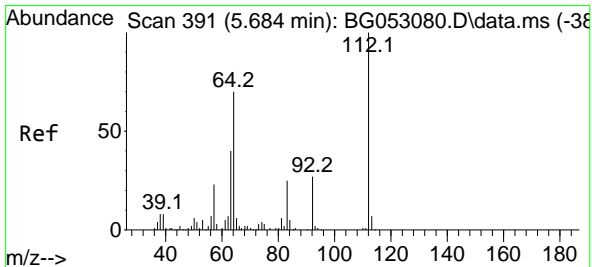
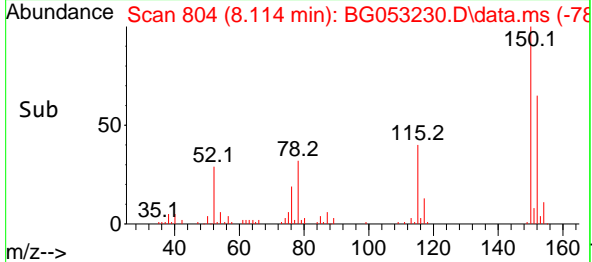
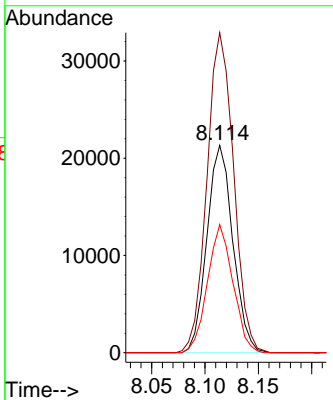
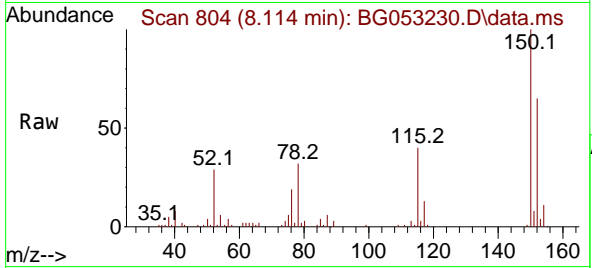




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.114 min Scan# 80
 Delta R.T. -0.008 min
 Lab File: BG053230.D
 Acq: 21 Apr 2022 00:23

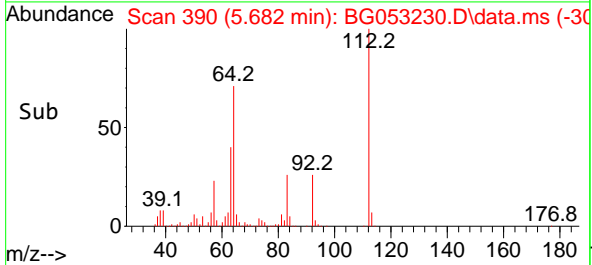
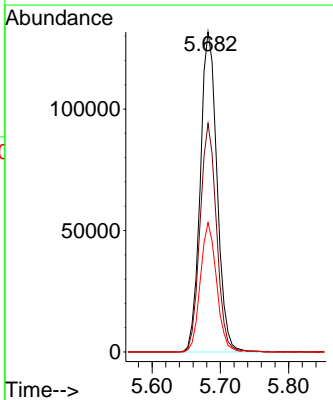
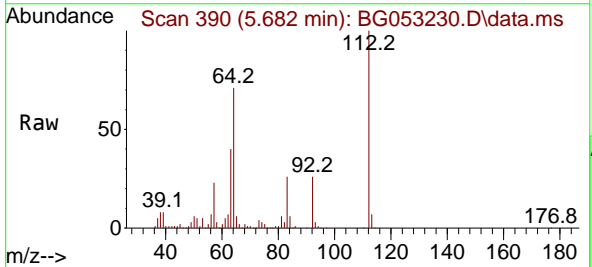
Instrument :
 BNA_G
 ClientSampleId :
 SB-10145

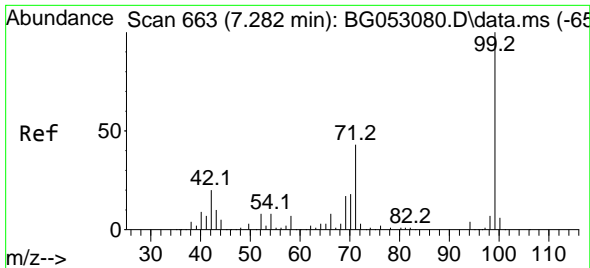
Tgt Ion:152 Resp: 36134
 Ion Ratio Lower Upper
 152 100
 150 154.3 114.6 172.0
 115 61.7 45.9 68.9



#5
 2-Fluorophenol
 Concen: 106.655 ng
 RT: 5.682 min Scan# 390
 Delta R.T. -0.002 min
 Lab File: BG053230.D
 Acq: 21 Apr 2022 00:23

Tgt Ion:112 Resp: 224823
 Ion Ratio Lower Upper
 112 100
 64 71.4 48.0 72.0
 63 40.4 26.5 39.7#

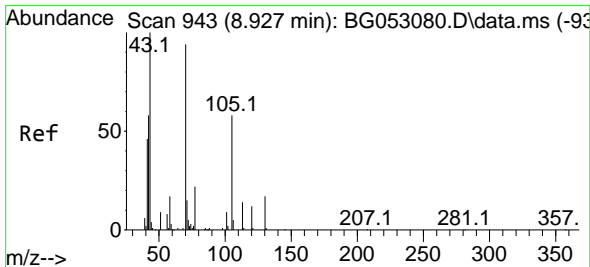
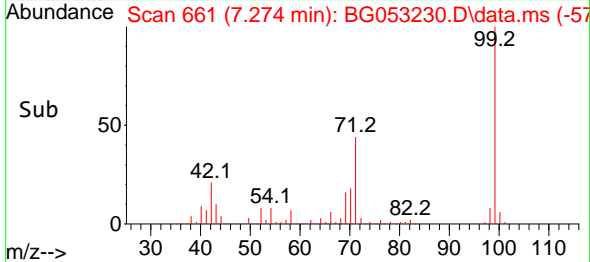
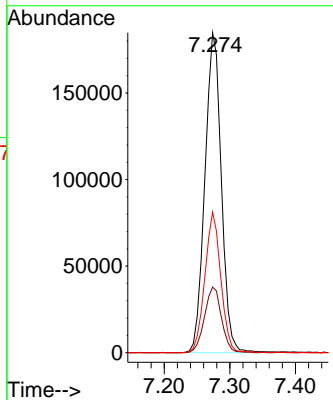
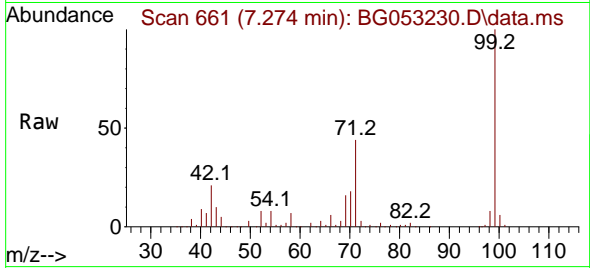




#7
 Phenol-d6
 Concen: 99.255 ng
 RT: 7.274 min Scan# 60
 Delta R.T. -0.008 min
 Lab File: BG053230.D
 Acq: 21 Apr 2022 00:23

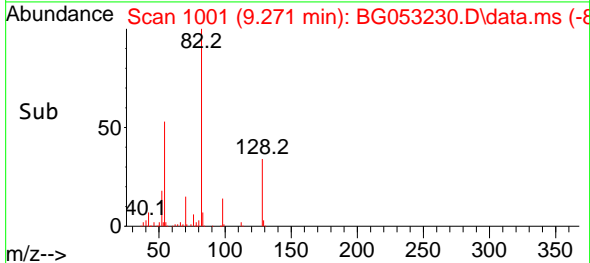
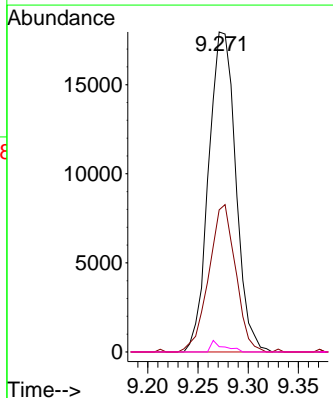
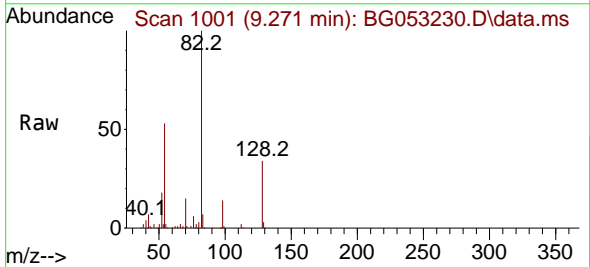
Instrument :
 BNA_G
 ClientSampleId :
 SB-10145

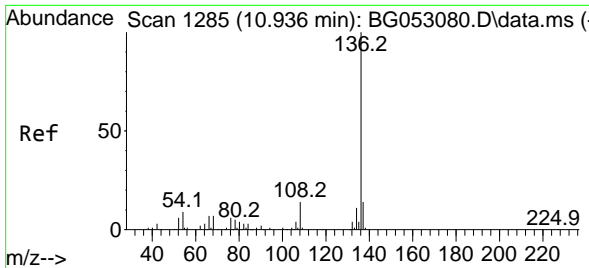
Tgt Ion: 99 Resp: 322644
 Ion Ratio Lower Upper
 99 100
 42 20.5 14.7 22.1
 71 44.0 29.2 43.8#



#19
 n-Nitroso-di-n-propylamine
 Concen: 14.216 ng
 RT: 9.271 min Scan# 1001
 Delta R.T. 0.344 min
 Lab File: BG053230.D
 Acq: 21 Apr 2022 00:23

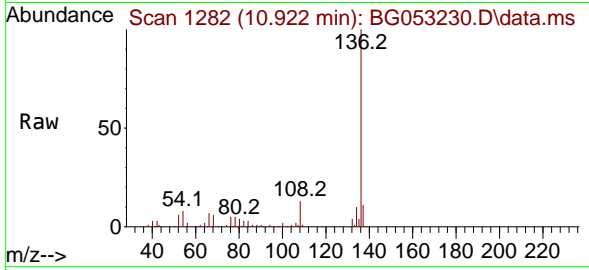
Tgt Ion: 70 Resp: 33833
 Ion Ratio Lower Upper
 70 100
 42 44.4 46.0 69.0#
 101 0.0 6.2 9.4#
 130 1.6 17.0 25.4#





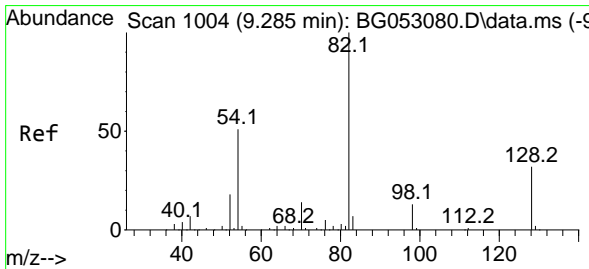
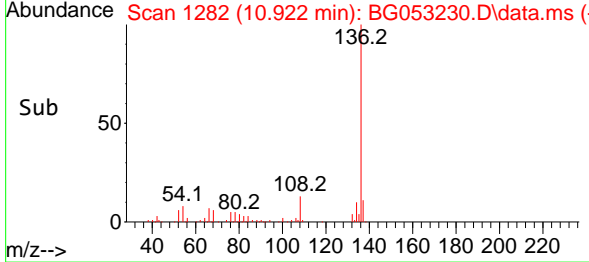
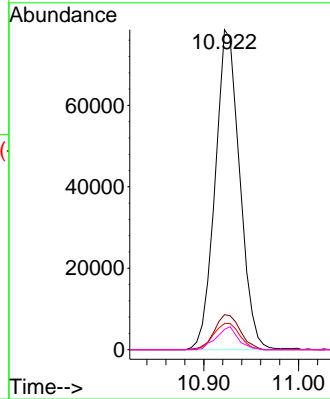
#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 10.922 min Scan# 11
 Delta R.T. -0.014 min
 Lab File: BG053230.D
 Acq: 21 Apr 2022 00:23

Instrument :
 BNA_G
 ClientSampleId :
 SB-10145

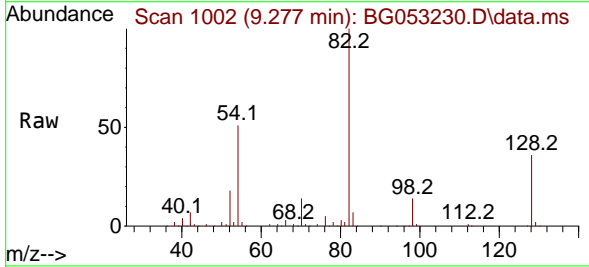


Tgt Ion: 136 Resp: 141365

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.4	14.2
54	8.2	6.4	9.6
68	6.3	5.0	7.6

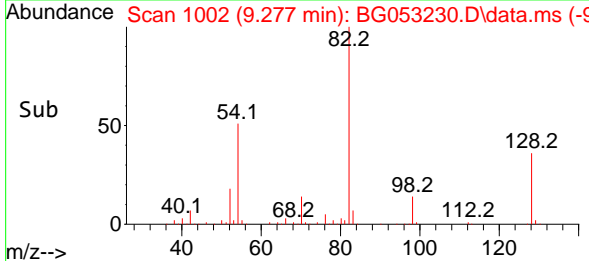
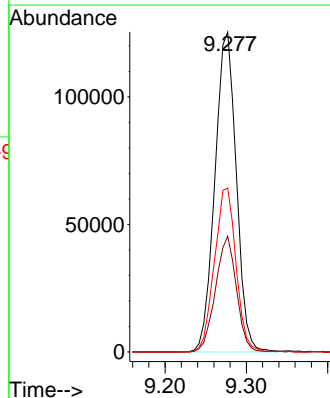


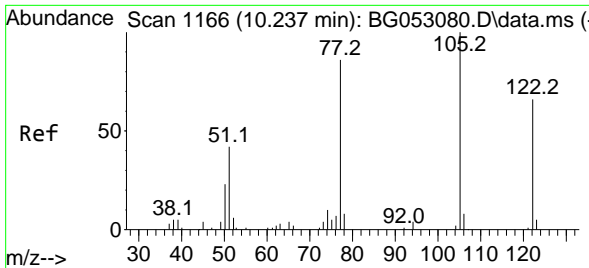
#23
 Nitrobenzene-d5
 Concen: 65.981 ng
 RT: 9.277 min Scan# 1002
 Delta R.T. -0.008 min
 Lab File: BG053230.D
 Acq: 21 Apr 2022 00:23



Tgt Ion: 82 Resp: 229720

Ion	Ratio	Lower	Upper
82	100		
128	36.2	31.3	46.9
54	51.2	37.8	56.8



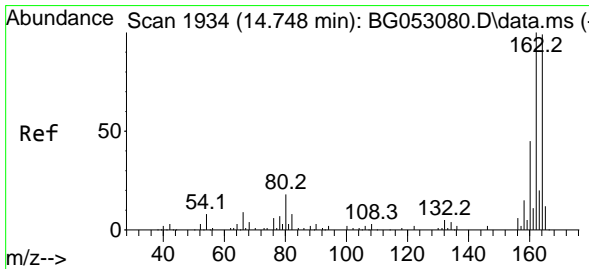
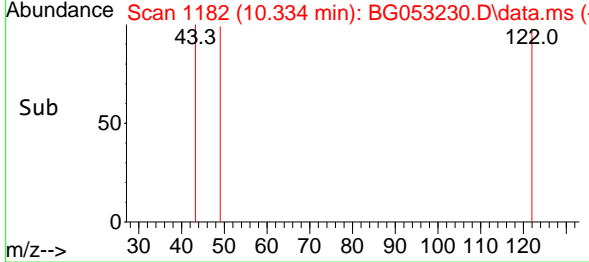
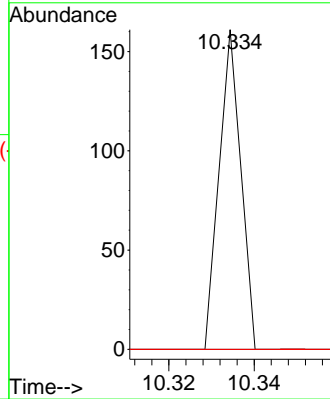
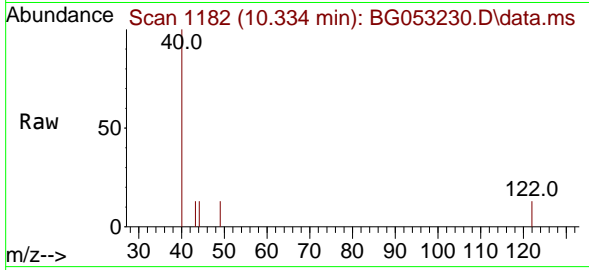


#32
 Benzoic acid
 Concen: 3.669 ng
 RT: 10.334 min Scan# 1166
 Delta R.T. 0.097 min
 Lab File: BG053230.D
 Acq: 21 Apr 2022 00:23

Instrument :
 BNA_G
 ClientSampleId :
 SB-10145

Tgt Ion:122 Resp: 57

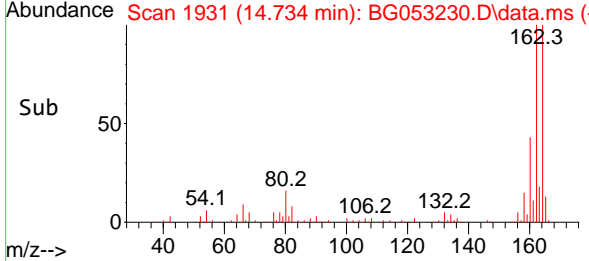
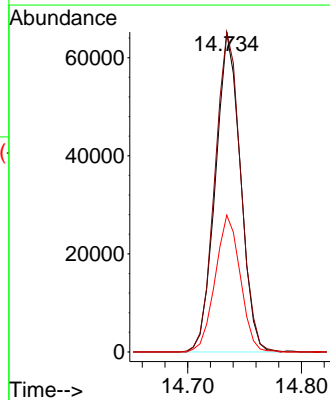
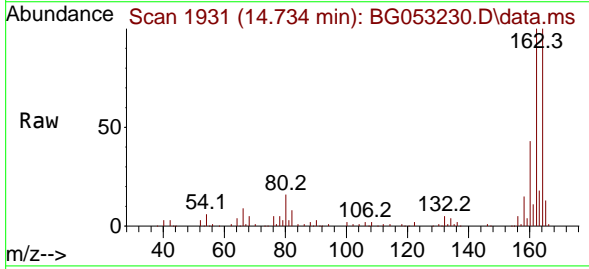
Ion	Ratio	Lower	Upper
122	100		
105	0.0	112.8	152.8#
77	0.0	78.4	118.4#

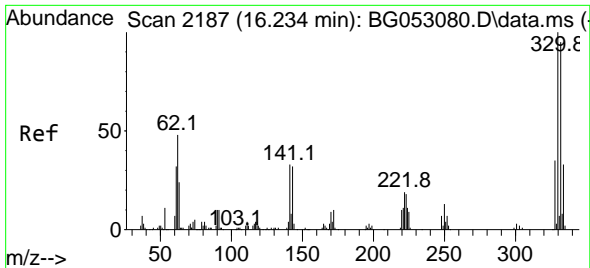


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.734 min Scan# 1931
 Delta R.T. -0.014 min
 Lab File: BG053230.D
 Acq: 21 Apr 2022 00:23

Tgt Ion:164 Resp: 99348

Ion	Ratio	Lower	Upper
164	100		
162	100.3	80.0	120.0
160	42.9	38.8	58.2

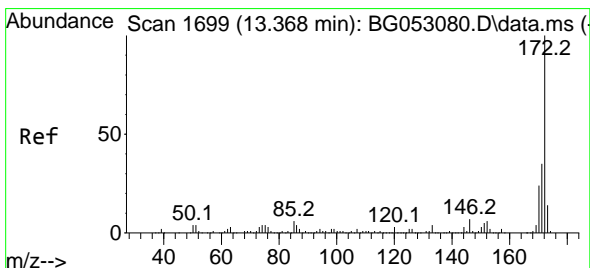
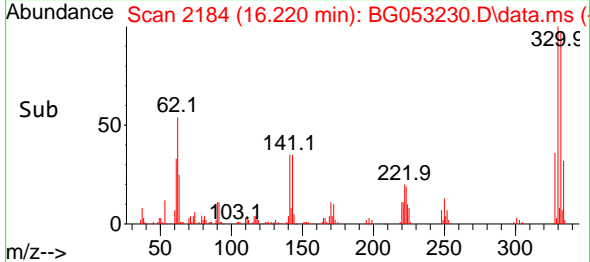
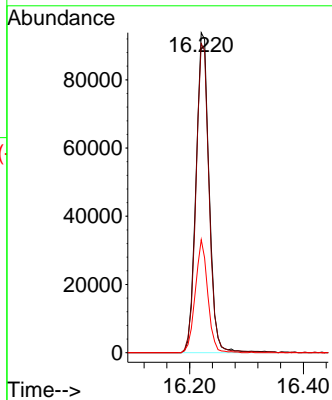
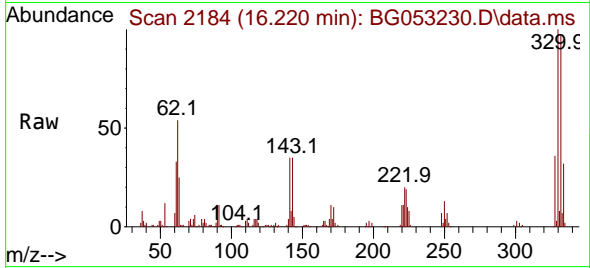




#42
 2,4,6-Tribromophenol
 Concen: 95.466 ng
 RT: 16.220 min Scan# 2184
 Delta R.T. -0.014 min
 Lab File: BG053230.D
 Acq: 21 Apr 2022 00:23

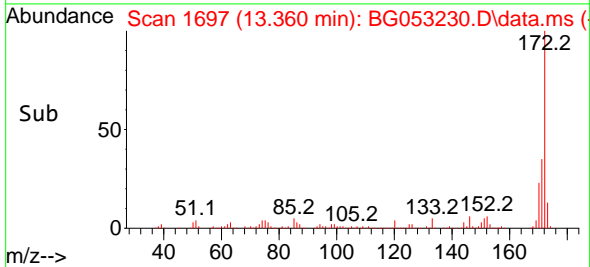
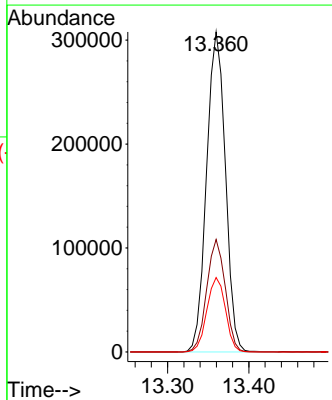
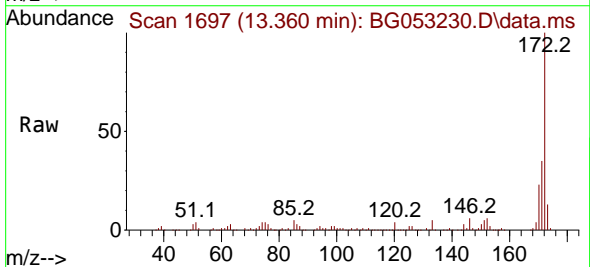
Instrument :
 BNA_G
 ClientSampleId :
 SB-10145

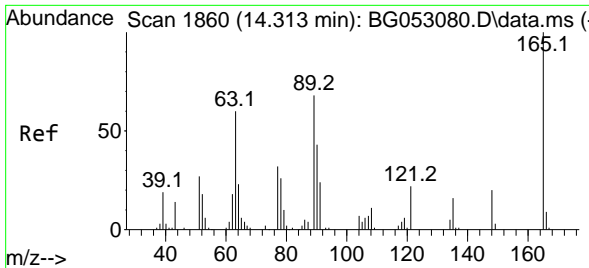
Tgt Ion:330 Resp: 150893
 Ion Ratio Lower Upper
 330 100
 332 96.4 75.8 113.6
 141 33.4 24.6 36.8



#45
 2-Fluorobiphenyl
 Concen: 68.825 ng
 RT: 13.360 min Scan# 1697
 Delta R.T. -0.008 min
 Lab File: BG053230.D
 Acq: 21 Apr 2022 00:23

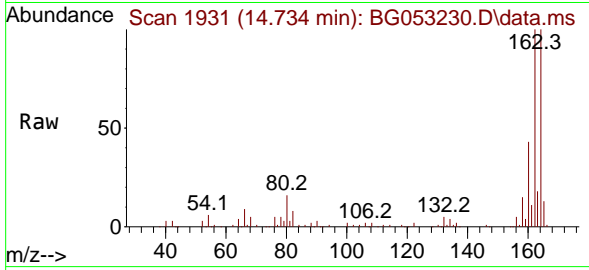
Tgt Ion:172 Resp: 495872
 Ion Ratio Lower Upper
 172 100
 171 35.1 28.3 42.5
 170 23.3 18.0 27.0



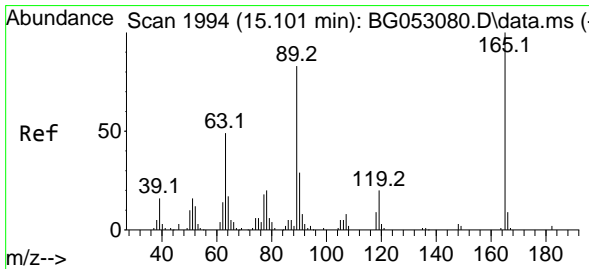
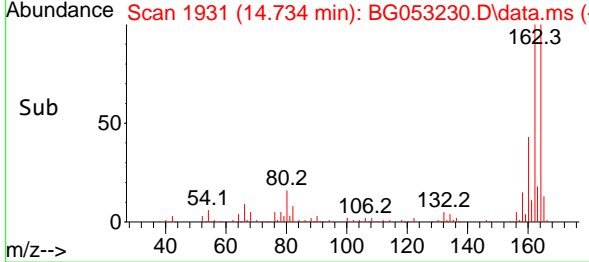
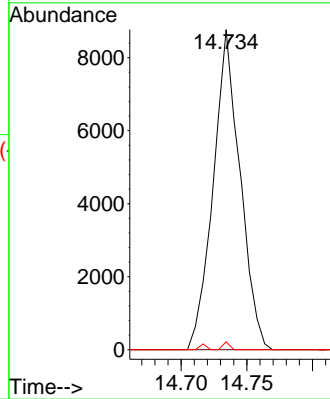


#51
 2,6-Dinitrotoluene
 Concen: 7.513 ng
 RT: 14.734 min Scan# 1931
 Delta R.T. 0.421 min
 Lab File: BG053230.D
 Acq: 21 Apr 2022 00:23

Instrument : BNA_G
 ClientSampleId : SB-10145

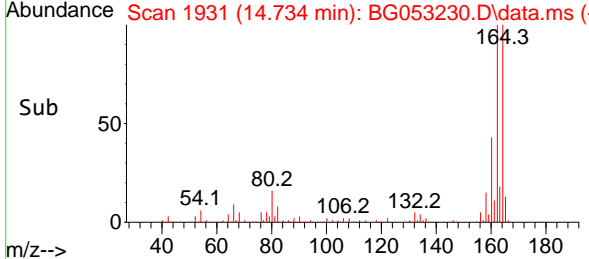
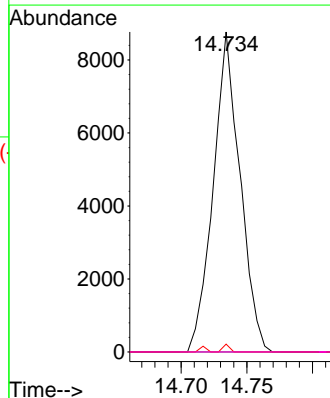
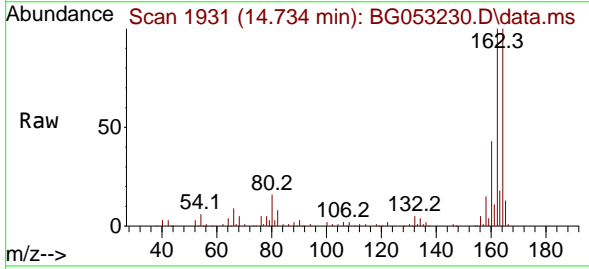


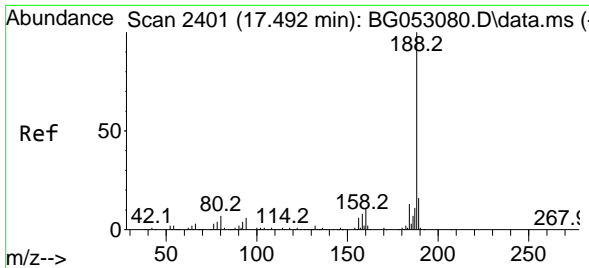
Tgt Ion	Resp	Lower	Upper
165	100		
63	0.0	43.7	65.5#
89	2.4	45.0	67.4#



#57
 2,4-Dinitrotoluene
 Concen: 5.277 ng
 RT: 14.734 min Scan# 1931
 Delta R.T. -0.366 min
 Lab File: BG053230.D
 Acq: 21 Apr 2022 00:23

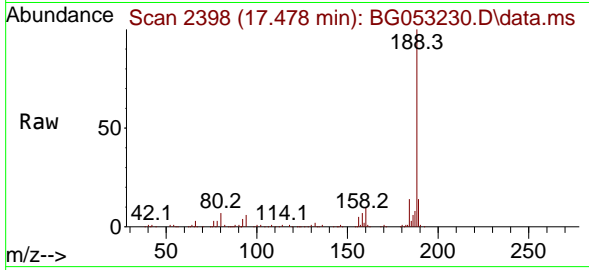
Tgt Ion	Resp	Lower	Upper
165	100		
63	0.0	34.8	52.2#
89	2.4	57.4	86.0#
182	0.0	2.1	3.1#



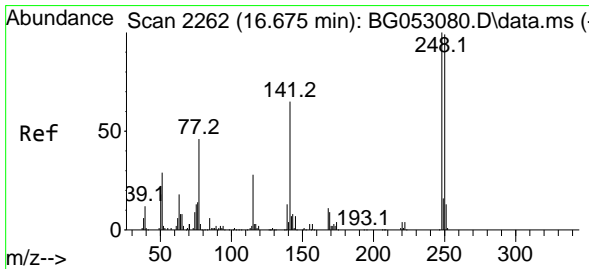
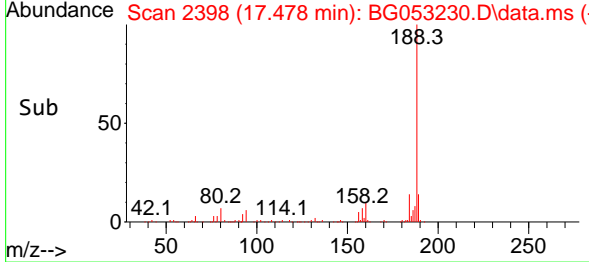
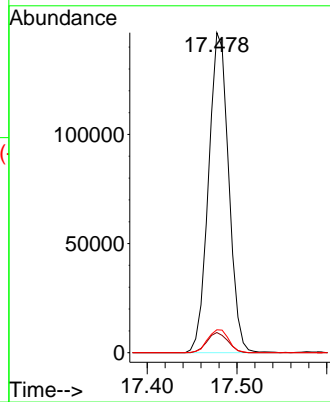


#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.478 min Scan# 2184
 Delta R.T. -0.014 min
 Lab File: BG053230.D
 Acq: 21 Apr 2022 00:23

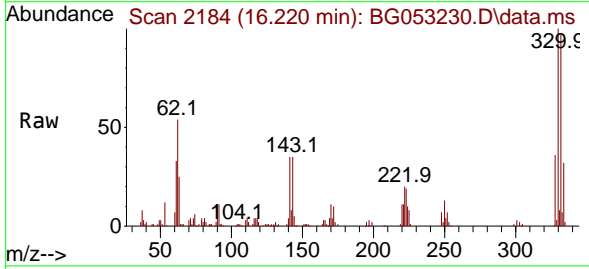
Instrument :
 BNA_G
 ClientSampleId :
 SB-10145



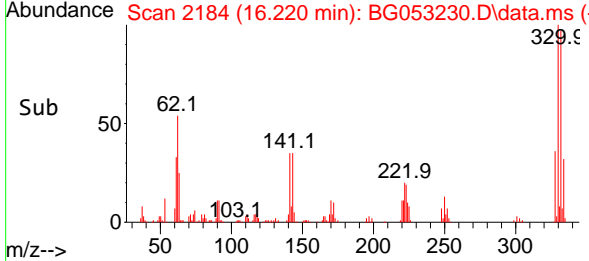
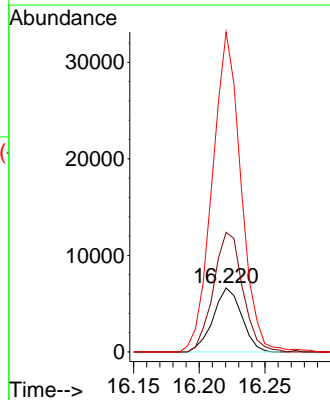
Tgt Ion:188 Resp: 228460
 Ion Ratio Lower Upper
 188 100
 94 6.3 5.7 8.5
 80 7.1 7.2 10.8#

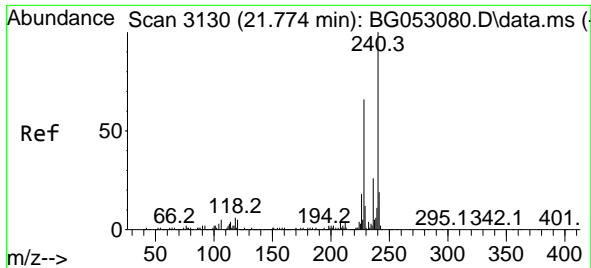


#67
 4-Bromophenyl-phenylether
 Concen: 3.426 ng
 RT: 16.220 min Scan# 2184
 Delta R.T. -0.455 min
 Lab File: BG053230.D
 Acq: 21 Apr 2022 00:23



Tgt Ion:248 Resp: 10028
 Ion Ratio Lower Upper
 248 100
 250 187.2 77.9 116.9#
 141 500.3 49.2 73.8#

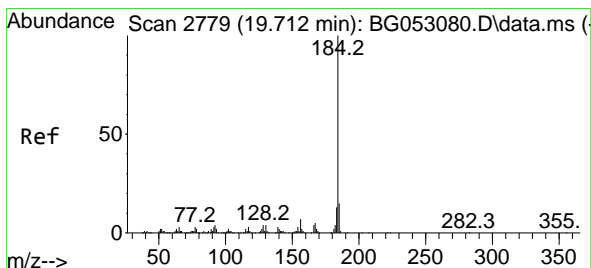
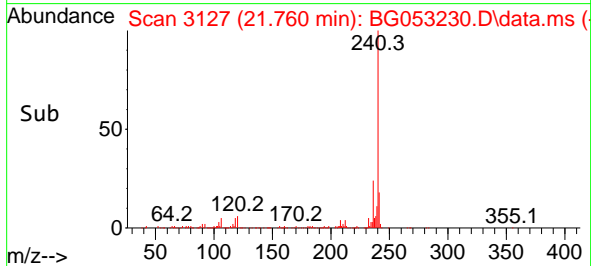
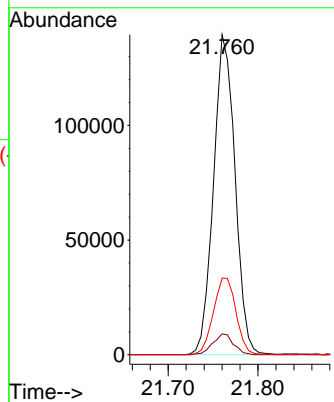
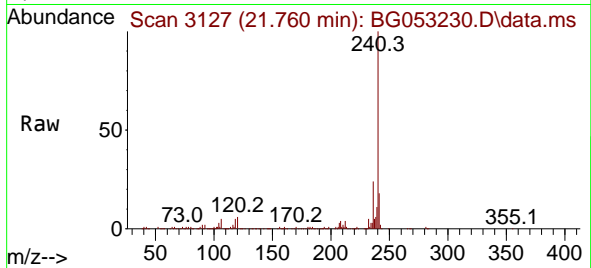




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.760 min Scan# 31
 Delta R.T. -0.014 min
 Lab File: BG053230.D
 Acq: 21 Apr 2022 00:23

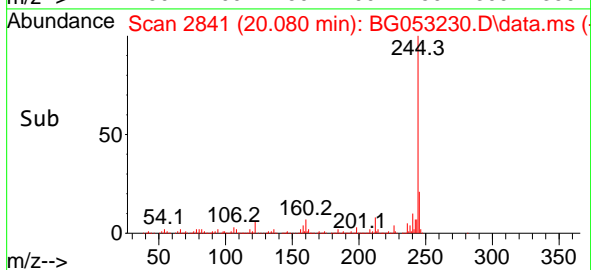
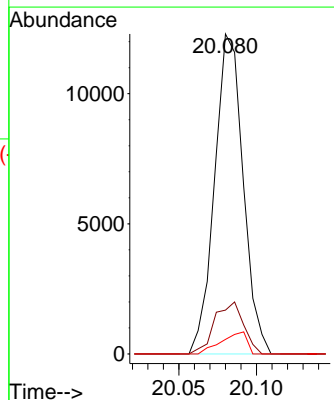
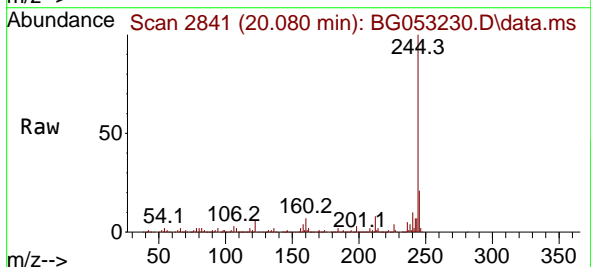
Instrument :
 BNA_G
 ClientSampleId :
 SB-10145

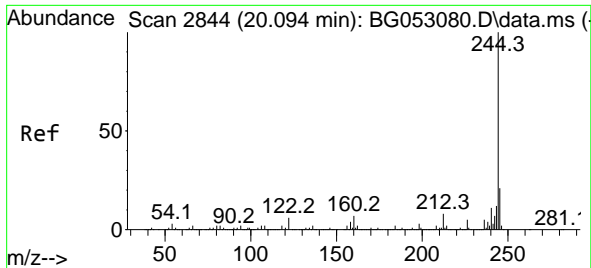
Tgt Ion:240 Resp: 232073
 Ion Ratio Lower Upper
 240 100
 120 6.5 5.4 8.0
 236 24.0 19.8 29.6



#77
 Benzidine
 Concen: 2.374 ng
 RT: 20.080 min Scan# 2841
 Delta R.T. 0.368 min
 Lab File: BG053230.D
 Acq: 21 Apr 2022 00:23

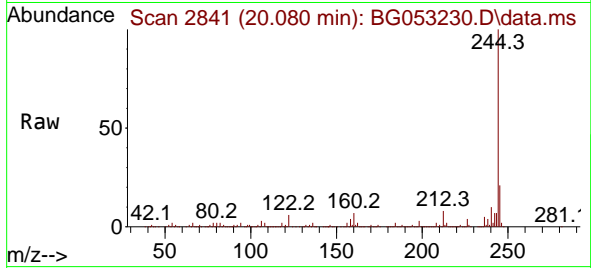
Tgt Ion:184 Resp: 15717
 Ion Ratio Lower Upper
 184 100
 185 13.7 11.5 17.3
 183 4.6 9.4 14.2#



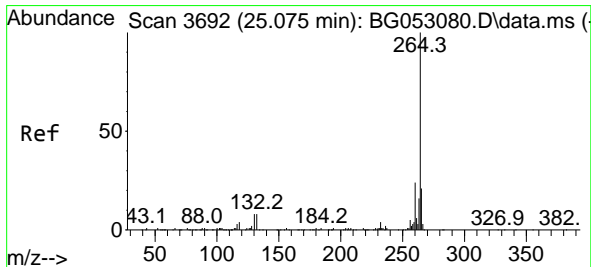
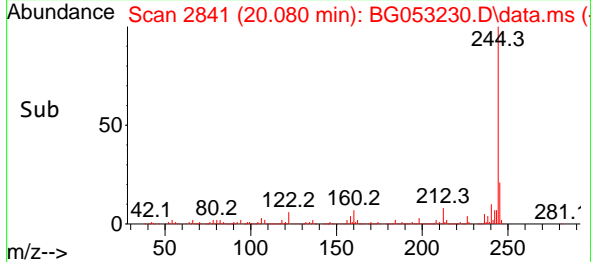
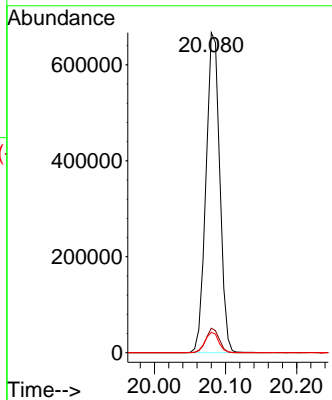


#79
 Terphenyl-d14
 Concen: 65.521 ng
 RT: 20.080 min Scan# 21
 Delta R.T. -0.014 min
 Lab File: BG053230.D
 Acq: 21 Apr 2022 00:23

Instrument :
 BNA_G
 ClientSampleId :
 SB-10145



Tgt Ion:244 Resp: 900328
 Ion Ratio Lower Upper
 244 100
 212 7.7 5.4 8.2
 122 6.3 5.8 8.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.061 min Scan# 3689
 Delta R.T. -0.014 min
 Lab File: BG053230.D
 Acq: 21 Apr 2022 00:23

Tgt Ion:264 Resp: 233994
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.2 27.2
 265 21.1 15.1 22.7

