

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG042222\  
 Data File : BG053281.D  
 Acq On : 23 Apr 2022 4:00  
 Operator : CG/JU  
 Sample : N2487-06  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 UST-1-PB

Quant Time: Apr 24 01:17:51 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG040822.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sun Apr 24 01:13:30 2022  
 Response via : Initial Calibration

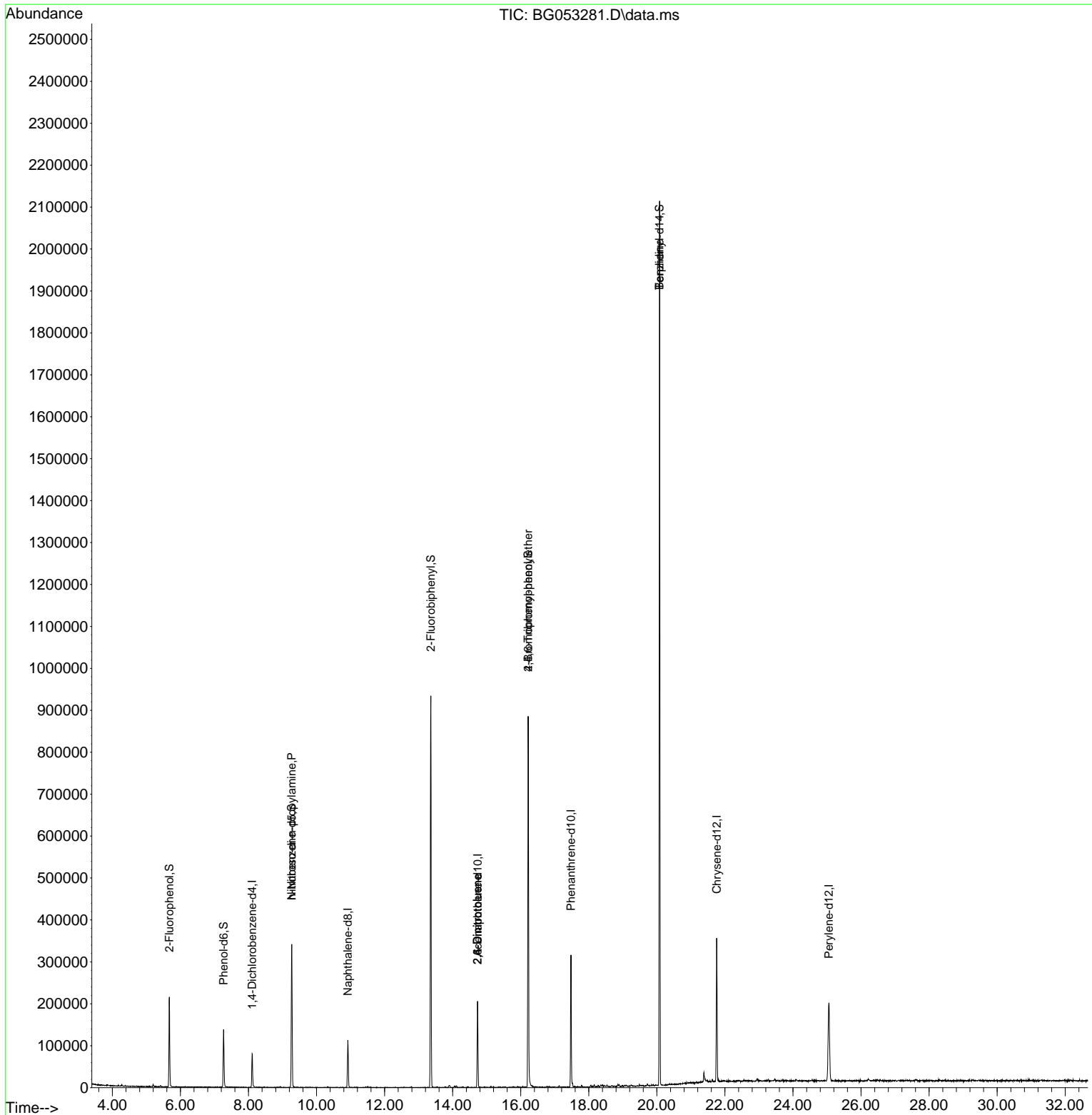
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.106	152	22323	20.000	ng	0.00
21) Naphthalene-d8	10.919	136	92155	20.000	ng	# 0.00
39) Acenaphthene-d10	14.732	164	74898	20.000	ng	0.00
64) Phenanthrene-d10	17.475	188	201501	20.000	ng	0.00
76) Chrysene-d12	21.758	240	215280	20.000	ng	0.00
86) Perylene-d12	25.053	264	217768	20.000	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.674	112	90042	69.143	ng	0.00
7) Phenol-d6	7.266	99	79075	39.376	ng	0.00
23) Nitrobenzene-d5	9.269	82	218131	96.108	ng	0.00
42) 2,4,6-Tribromophenol	16.218	330	184497	154.832	ng	0.00
45) 2-Fluorobiphenyl	13.357	172	498684	91.810	ng	0.00
79) Terphenyl-d14	20.078	244	1093550	85.791	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.269	70	31126	21.171	ng	# 81
51) 2,6-Dinitrotoluene	14.726	165	9808	7.848	ng	# 24
57) 2,4-Dinitrotoluene	14.726	165	9808	5.512	ng	# 22
67) 4-Bromophenyl-phenylether	16.218	248	12535	4.855	ng	# 1
77) Benzidine	20.078	184	18069	2.942	ng	# 92

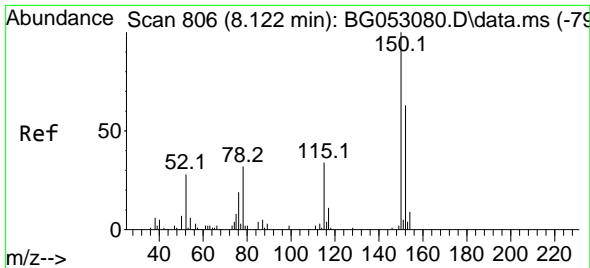
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sun Apr 24 01:13:30 2022  
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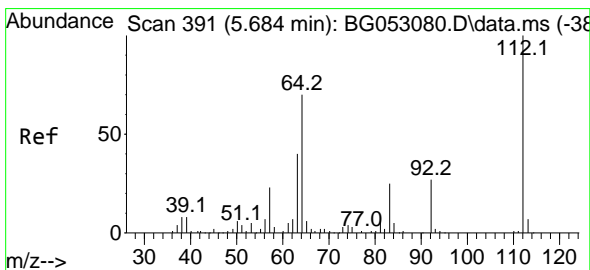
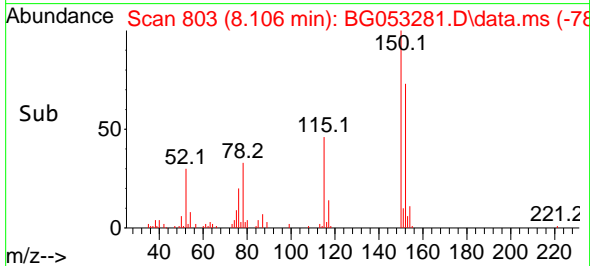
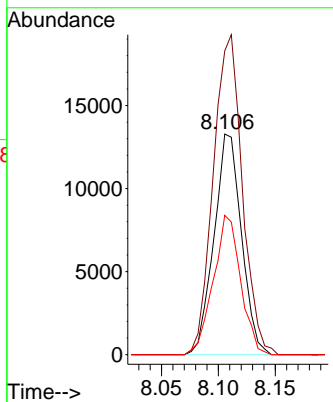
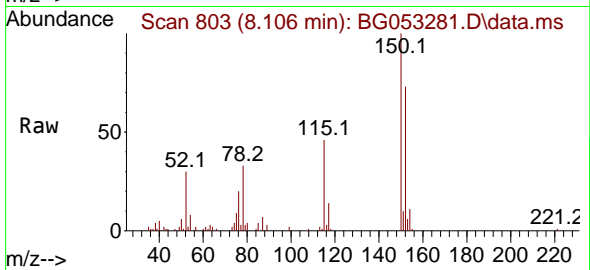




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 8.106 min Scan# 80  
 Delta R.T. -0.007 min  
 Lab File: BG053281.D  
 Acq: 23 Apr 2022 4:00

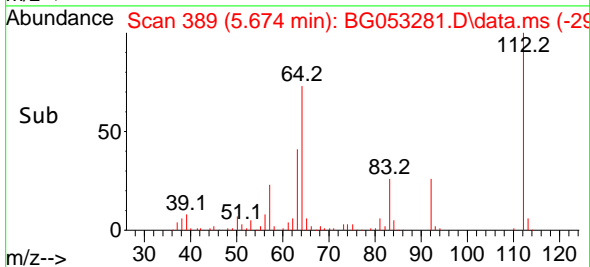
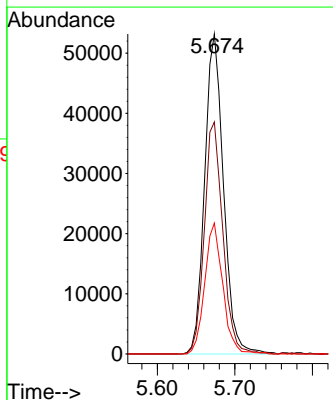
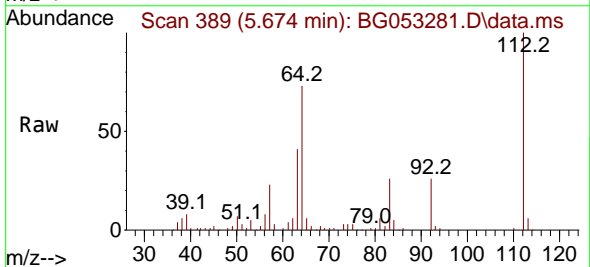
Instrument :  
 BNA\_G  
 ClientSampleId :  
 UST-1-PB

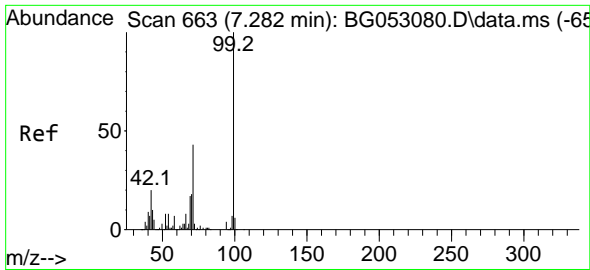
Tgt Ion:152 Resp: 22323  
 Ion Ratio Lower Upper  
 152 100  
 150 137.7 114.6 172.0  
 115 63.1 45.9 68.9



#5  
 2-Fluorophenol  
 Concen: 69.143 ng  
 RT: 5.674 min Scan# 389  
 Delta R.T. -0.002 min  
 Lab File: BG053281.D  
 Acq: 23 Apr 2022 4:00

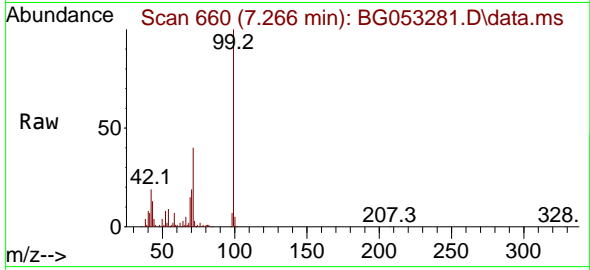
Tgt Ion:112 Resp: 90042  
 Ion Ratio Lower Upper  
 112 100  
 64 72.5 48.0 72.0#  
 63 40.9 26.5 39.7#





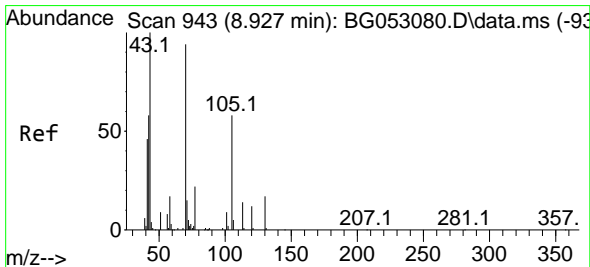
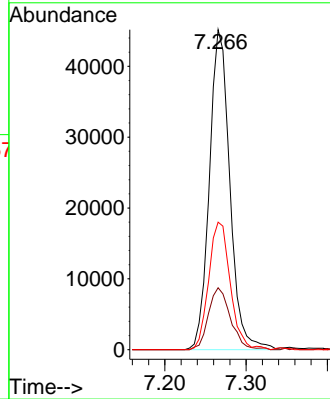
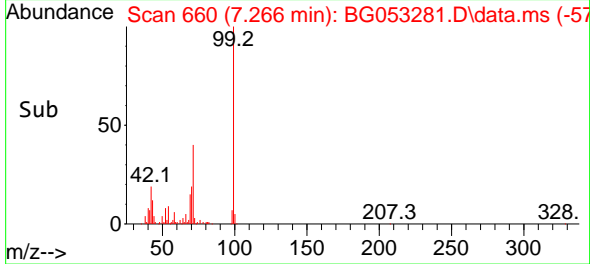
#7  
 Phenol-d6  
 Concen: 39.376 ng  
 RT: 7.266 min Scan# 60  
 Delta R.T. -0.008 min  
 Lab File: BG053281.D  
 Acq: 23 Apr 2022 4:00

Instrument :  
 BNA\_G  
 ClientSampleId :  
 UST-1-PB

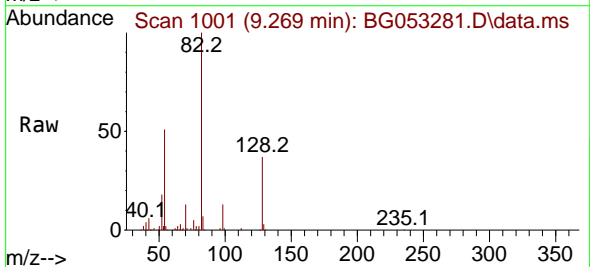


Tgt Ion: 99 Resp: 79075

Ion	Ratio	Lower	Upper
99	100		
42	19.4	14.7	22.1
71	39.9	29.2	43.8

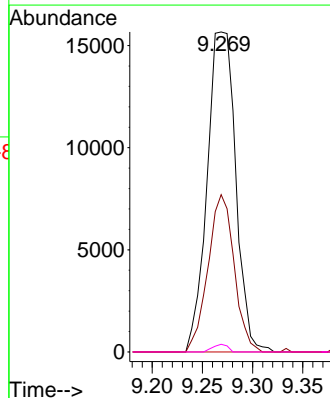
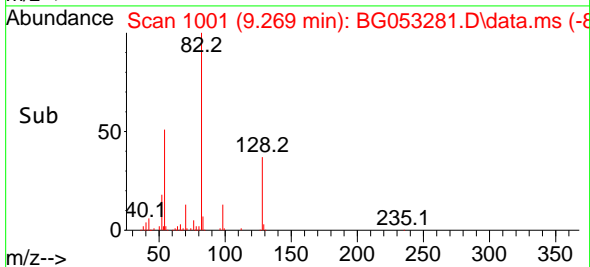


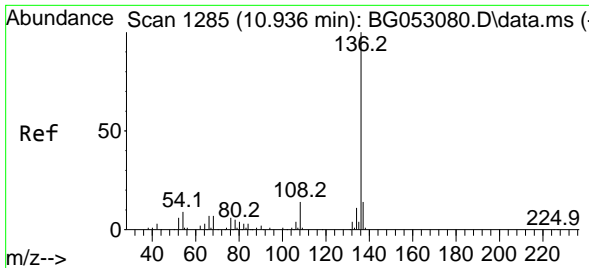
#19  
 n-Nitroso-di-n-propylamine  
 Concen: 21.171 ng  
 RT: 9.269 min Scan# 1001  
 Delta R.T. 0.356 min  
 Lab File: BG053281.D  
 Acq: 23 Apr 2022 4:00



Tgt Ion: 70 Resp: 31126

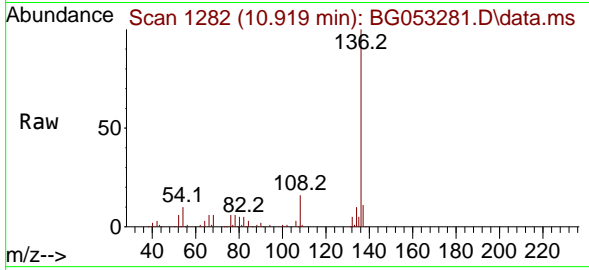
Ion	Ratio	Lower	Upper
70	100		
42	49.2	46.0	69.0
101	0.0	6.2	9.4#
130	2.4	17.0	25.4#



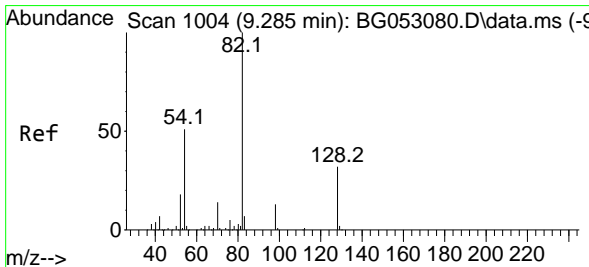
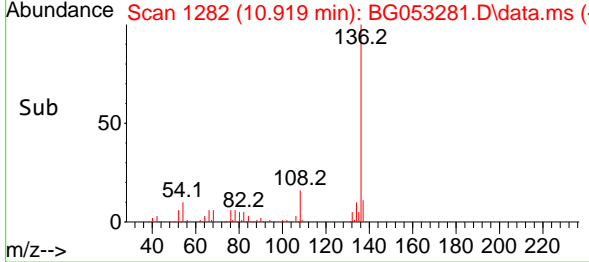
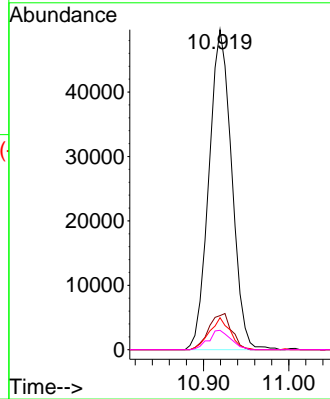


#21  
 Naphthalene-d8  
 Concen: 20.000 ng  
 RT: 10.919 min Scan# 111  
 Delta R.T. -0.002 min  
 Lab File: BG053281.D  
 Acq: 23 Apr 2022 4:00

Instrument :  
 BNA\_G  
 ClientSampleId :  
 UST-1-PB

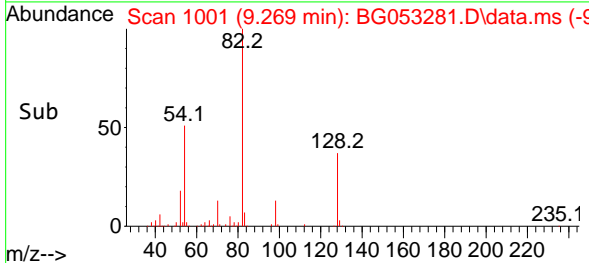
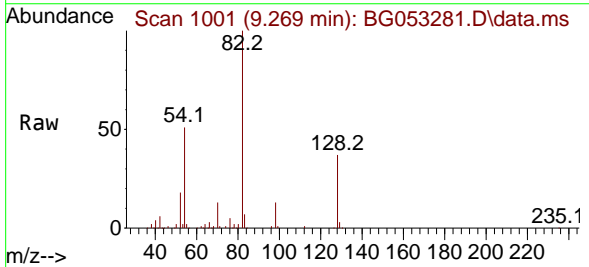
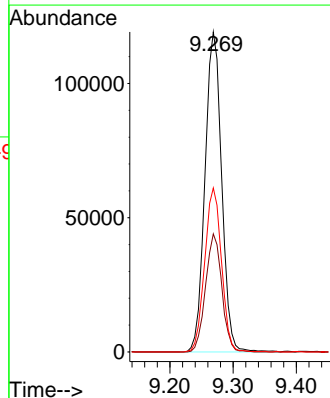


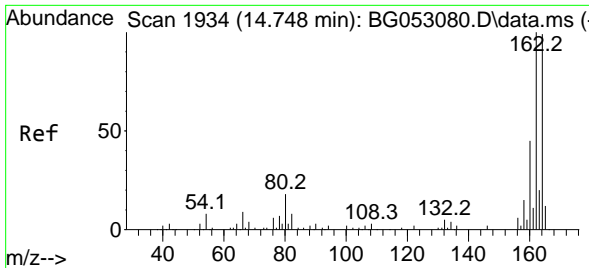
Tgt Ion:136 Resp: 92155  
 Ion Ratio Lower Upper  
 136 100  
 137 10.7 9.4 14.2  
 54 10.0 6.4 9.6#  
 68 6.0 5.0 7.6



#23  
 Nitrobenzene-d5  
 Concen: 96.108 ng  
 RT: 9.269 min Scan# 1001  
 Delta R.T. -0.008 min  
 Lab File: BG053281.D  
 Acq: 23 Apr 2022 4:00

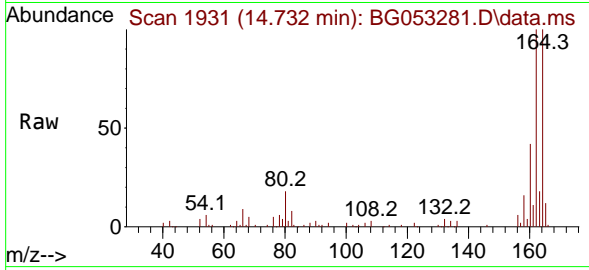
Tgt Ion: 82 Resp: 218131  
 Ion Ratio Lower Upper  
 82 100  
 128 36.9 31.3 46.9  
 54 51.2 37.8 56.8



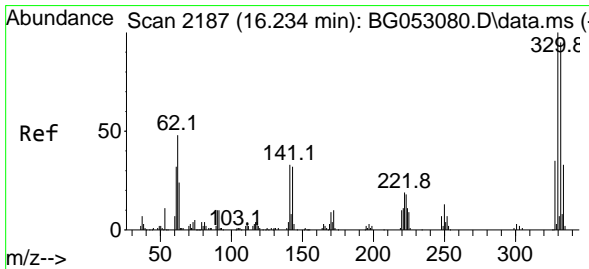
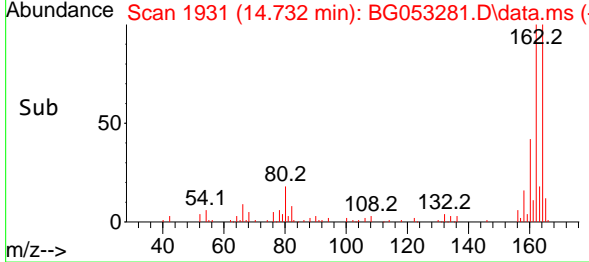
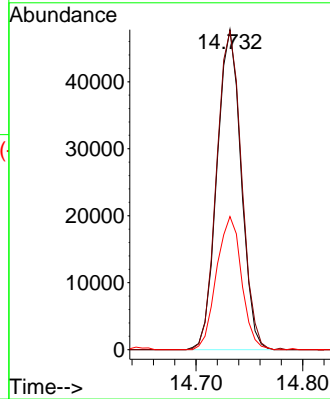


#39  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 14.732 min Scan# 1931  
 Delta R.T. -0.002 min  
 Lab File: BG053281.D  
 Acq: 23 Apr 2022 4:00

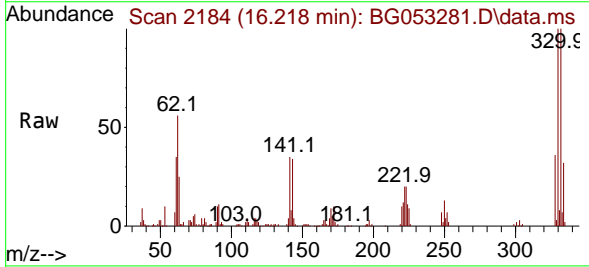
Instrument : BNA\_G  
 ClientSampleId : UST-1-PB



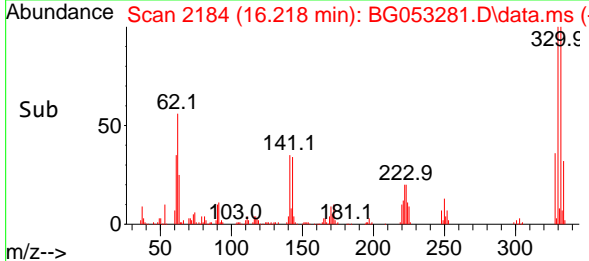
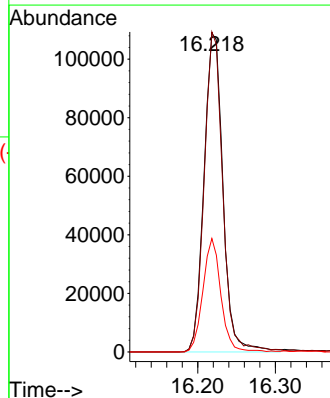
Tgt Ion:164 Resp: 74898  
 Ion Ratio Lower Upper  
 164 100  
 162 99.7 80.0 120.0  
 160 41.6 38.8 58.2

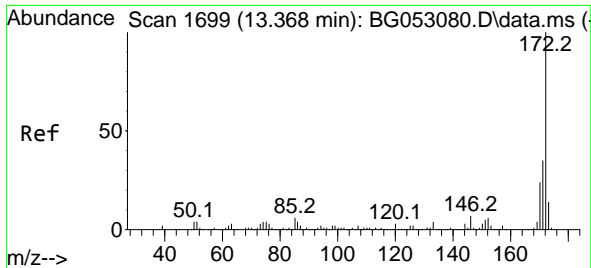


#42  
 2,4,6-Tribromophenol  
 Concen: 154.832 ng  
 RT: 16.218 min Scan# 2184  
 Delta R.T. -0.008 min  
 Lab File: BG053281.D  
 Acq: 23 Apr 2022 4:00



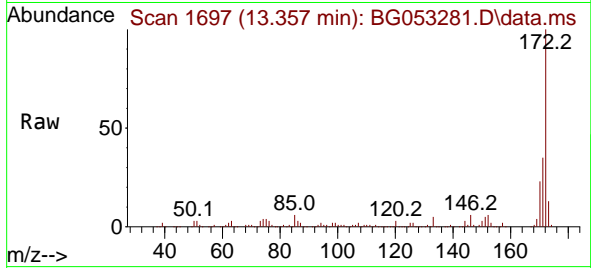
Tgt Ion:330 Resp: 184497  
 Ion Ratio Lower Upper  
 330 100  
 332 98.1 75.8 113.6  
 141 33.9 24.6 36.8



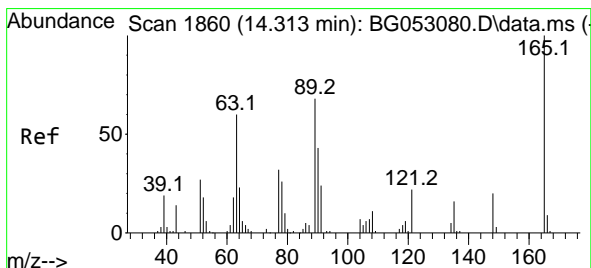
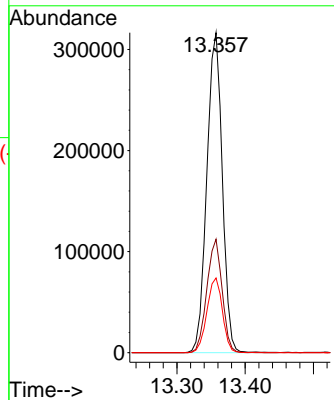
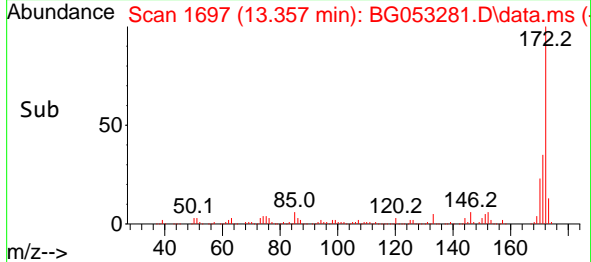


#45  
 2-Fluorobiphenyl  
 Concen: 91.810 ng  
 RT: 13.357 min Scan# 1  
 Delta R.T. -0.002 min  
 Lab File: BG053281.D  
 Acq: 23 Apr 2022 4:00

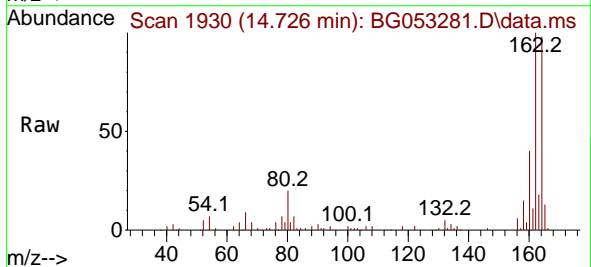
Instrument :  
 BNA\_G  
 ClientSampleId :  
 UST-1-PB



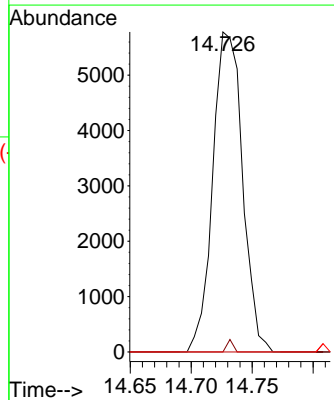
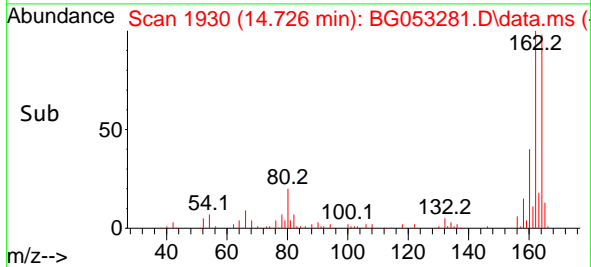
Tgt Ion:172 Resp: 498684  
 Ion Ratio Lower Upper  
 172 100  
 171 35.5 28.3 42.5  
 170 23.3 18.0 27.0

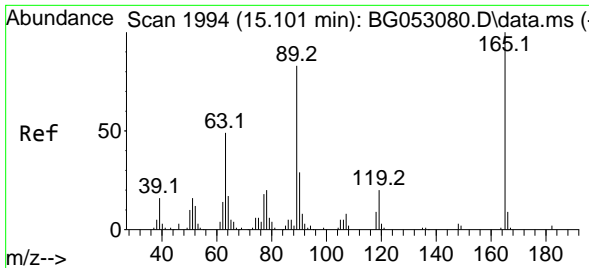


#51  
 2,6-Dinitrotoluene  
 Concen: 7.848 ng  
 RT: 14.726 min Scan# 1930  
 Delta R.T. 0.421 min  
 Lab File: BG053281.D  
 Acq: 23 Apr 2022 4:00



Tgt Ion:165 Resp: 9808  
 Ion Ratio Lower Upper  
 165 100  
 63 0.0 43.7 65.5#  
 89 0.0 45.0 67.4#

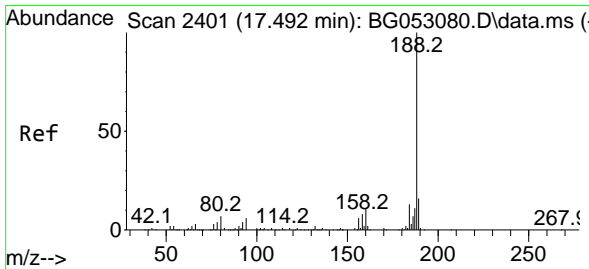
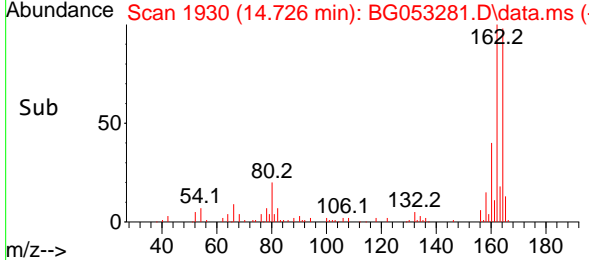
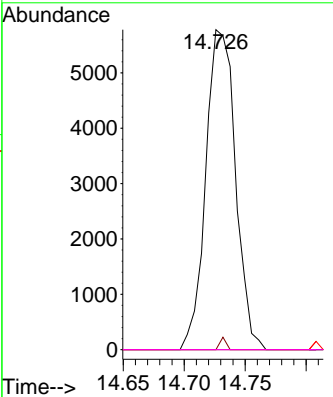
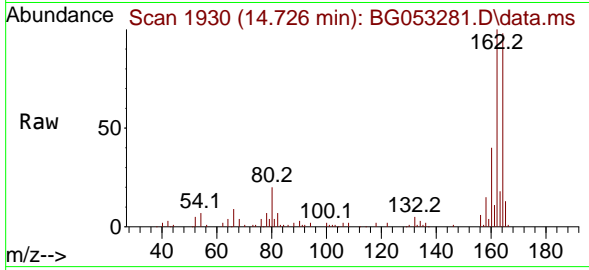




#57  
 2,4-Dinitrotoluene  
 Concen: 5.512 ng  
 RT: 14.726 min Scan# 1994  
 Delta R.T. -0.366 min  
 Lab File: BG053281.D  
 Acq: 23 Apr 2022 4:00

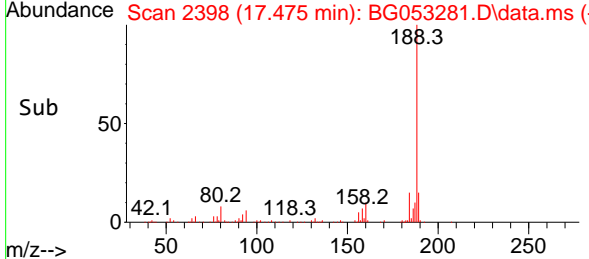
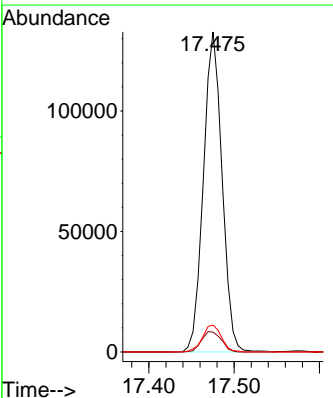
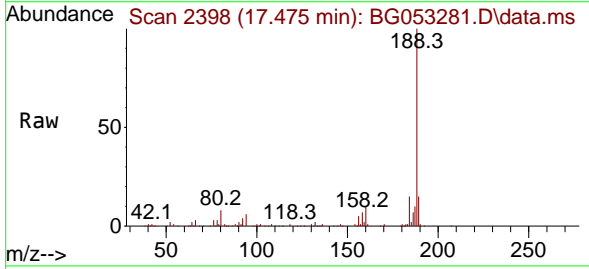
Instrument : BNA\_G  
 ClientSampleId : UST-1-PB

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

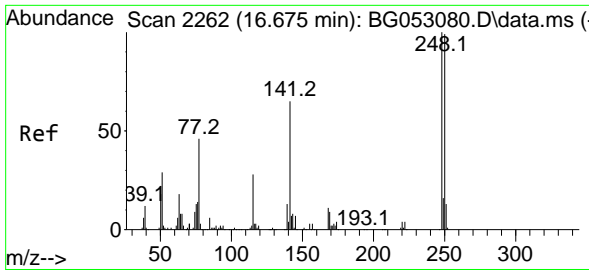


#64  
 Phenanthrene-d10  
 Concen: 20.000 ng  
 RT: 17.475 min Scan# 2398  
 Delta R.T. -0.008 min  
 Lab File: BG053281.D  
 Acq: 23 Apr 2022 4:00

Tgt Ion	Resp	Lower	Upper
188	100		
94	6.2	5.7	8.5
80	8.4	7.2	10.8

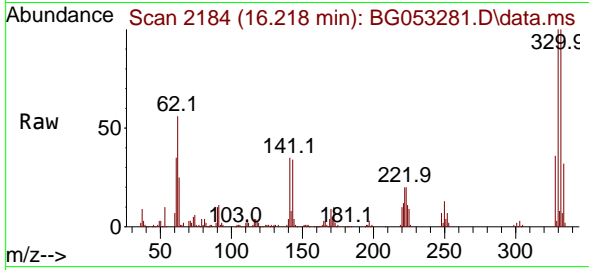




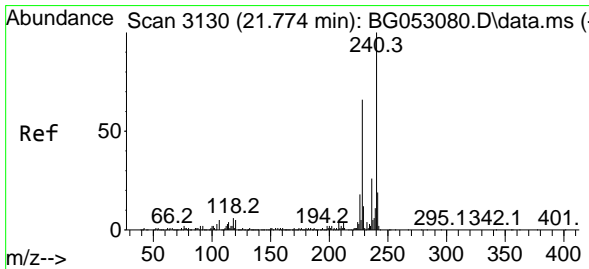
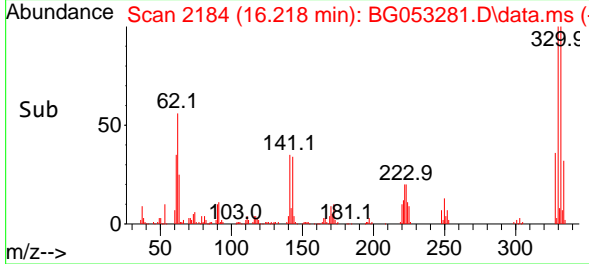
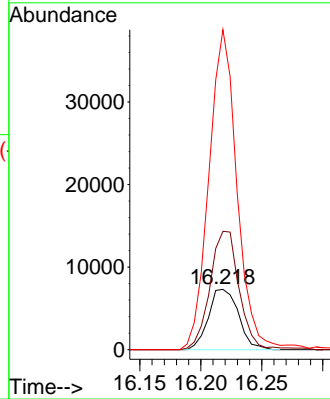


#67  
 4-Bromophenyl-phenylether  
 Concen: 4.855 ng  
 RT: 16.218 min Scan# 211  
 Delta R.T. -0.443 min  
 Lab File: BG053281.D  
 Acq: 23 Apr 2022 4:00

Instrument :  
 BNA\_G  
 ClientSampleId :  
 UST-1-PB

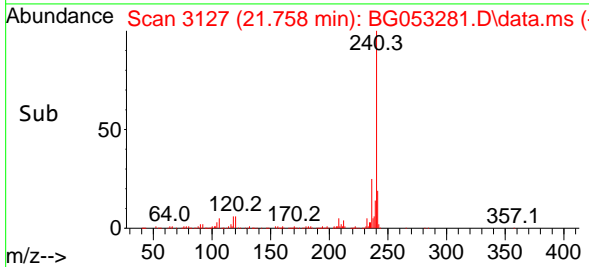
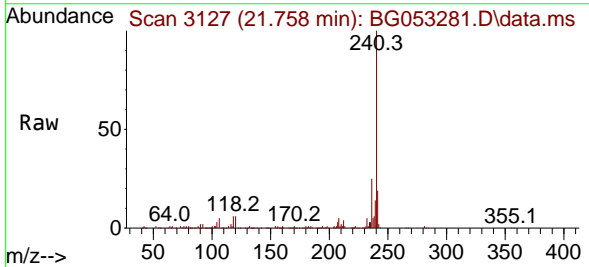
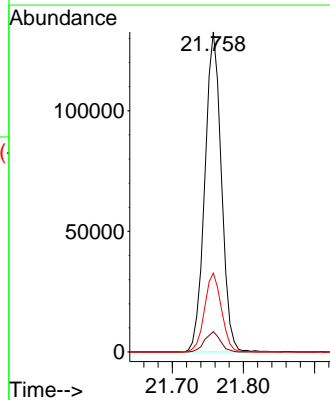


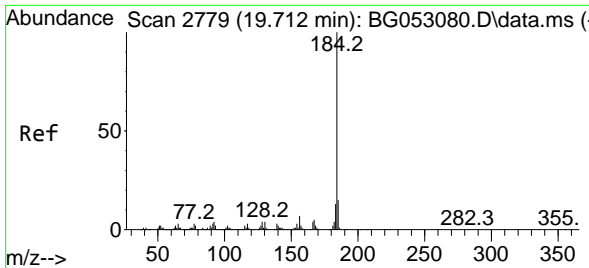
Tgt Ion:248 Resp: 12535  
 Ion Ratio Lower Upper  
 248 100  
 250 196.2 77.9 116.9#  
 141 530.3 49.2 73.8#



#76  
 Chrysene-d12  
 Concen: 20.000 ng  
 RT: 21.758 min Scan# 3127  
 Delta R.T. -0.008 min  
 Lab File: BG053281.D  
 Acq: 23 Apr 2022 4:00

Tgt Ion:240 Resp: 215280  
 Ion Ratio Lower Upper  
 240 100  
 120 6.3 5.4 8.0  
 236 24.7 19.8 29.6

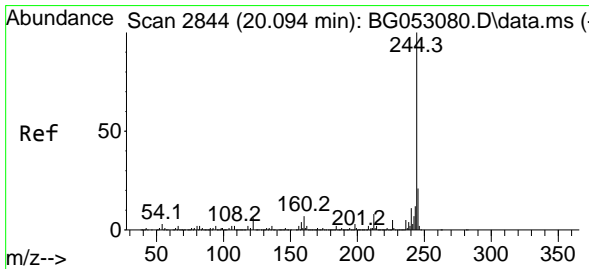
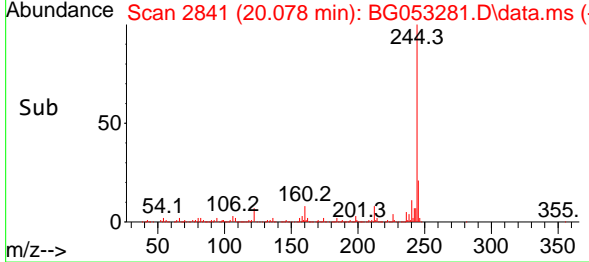
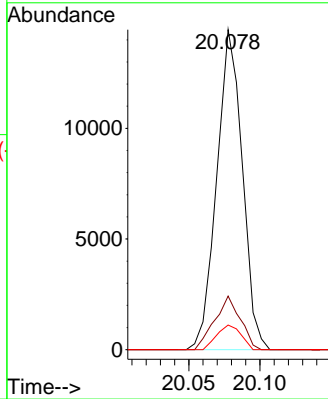
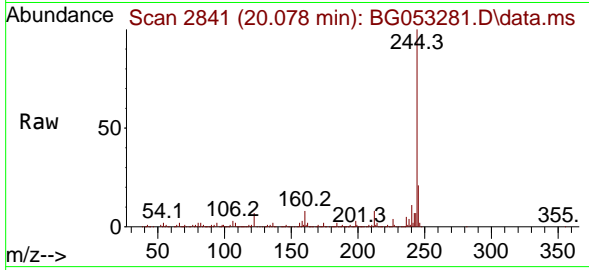




#77  
 Benzidine  
 Concen: 2.942 ng  
 RT: 20.078 min Scan# 2841  
 Delta R.T. 0.374 min  
 Lab File: BG053281.D  
 Acq: 23 Apr 2022 4:00

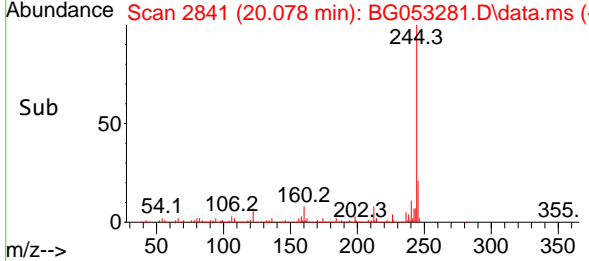
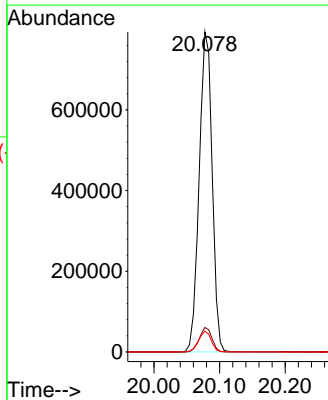
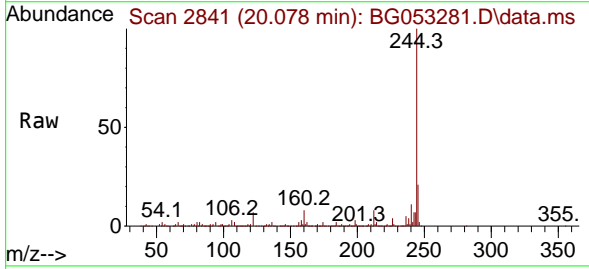
Instrument :  
 BNA\_G  
 ClientSampleId :  
 UST-1-PB

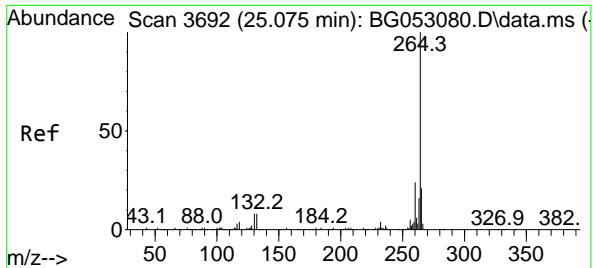
Tgt Ion	Resp	Lower	Upper
184	18069	100	
185	16.7	11.5	17.3
183	7.7	9.4	14.2#



#79  
 Terphenyl-d14  
 Concen: 85.791 ng  
 RT: 20.078 min Scan# 2841  
 Delta R.T. -0.008 min  
 Lab File: BG053281.D  
 Acq: 23 Apr 2022 4:00

Tgt Ion	Resp	Lower	Upper
244	1093550	100	
212	7.7	5.4	8.2
122	6.5	5.8	8.6





#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 25.053 min Scan# 30  
 Delta R.T. -0.008 min  
 Lab File: BG053281.D  
 Acq: 23 Apr 2022 4:00

Instrument :  
 BNA\_G  
 ClientSampleId :  
 UST-1-PB

Tgt Ion:264 Resp: 217768

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.2	27.2
265	23.6	15.1	22.7#

