

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG101722\  
 Data File : BG055191.D  
 Acq On : 17 Oct 2022 12:10  
 Operator : CG/JU  
 Sample : PB148341BL  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB148341BL

Quant Time: Oct 17 16:33:09 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

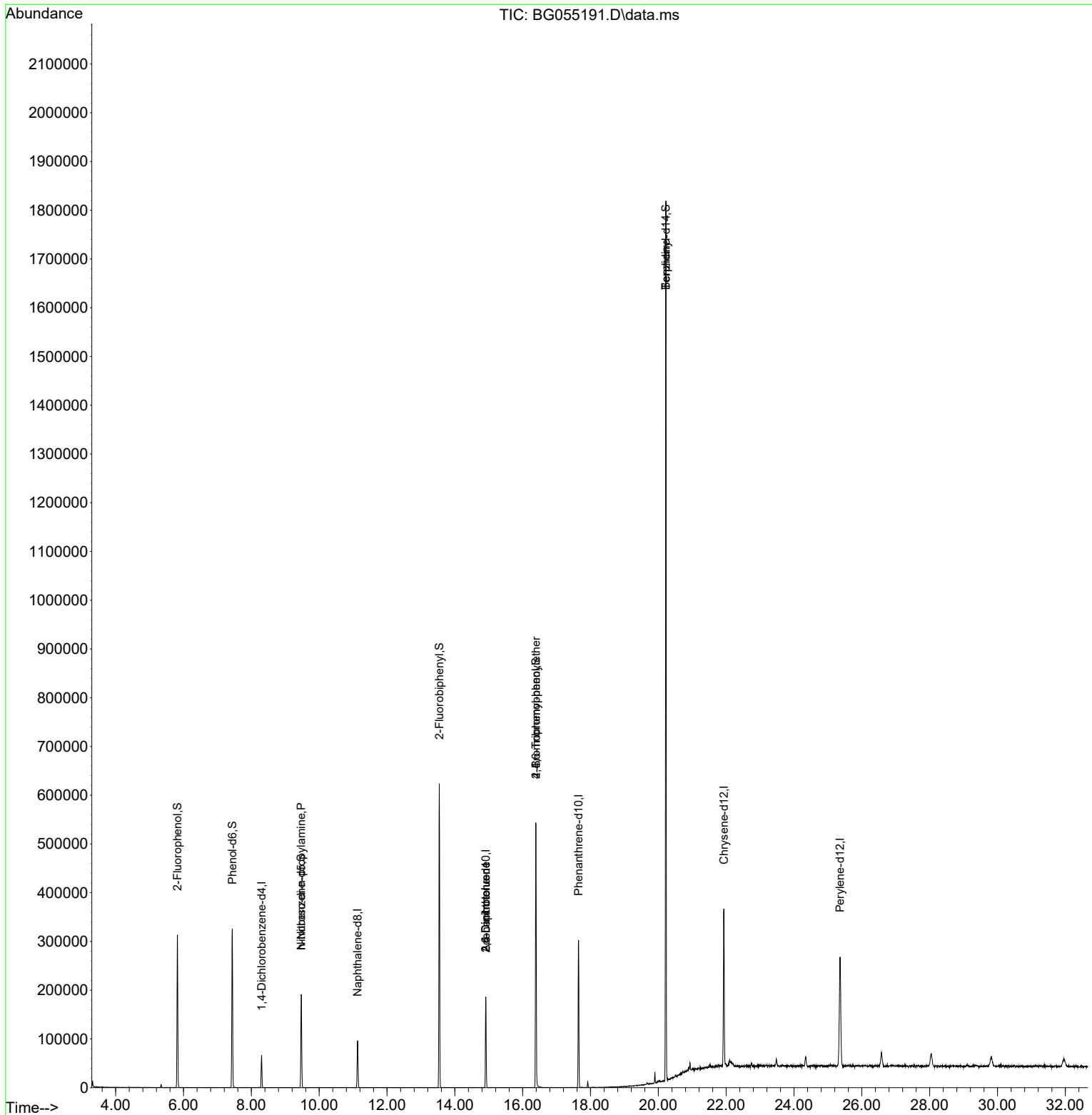
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.300	152	19172	20.000	ng	0.00
21) Naphthalene-d8	11.132	136	85861	20.000	ng	0.00
39) Acenaphthene-d10	14.910	164	68587	20.000	ng	0.00
64) Phenanthrene-d10	17.648	188	203614	20.000	ng	0.00
76) Chrysene-d12	21.931	240	216088	20.000	ng	0.00
86) Perylene-d12	25.357	264	230000	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.821	112	138937	141.783	ng	0.00
7) Phenol-d6	7.437	99	188742	130.205	ng	0.00
23) Nitrobenzene-d5	9.470	82	114669	71.617	ng	0.00
42) 2,4,6-Tribromophenol	16.391	330	131642	133.577	ng	0.00
45) 2-Fluorobiphenyl	13.541	172	328456	78.229	ng	0.00
79) Terphenyl-d14	20.222	244	895652	83.478	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.470	70	16124	13.783	ng	# 77
51) 2,6-Dinitrotoluene	14.910	165	8890	7.836	ng	# 21
57) 2,4-Dinitrotoluene	14.910	165	8890	5.350	ng	# 23
67) 4-Bromophenyl-phenylether	16.391	248	8025	3.615	ng	# 1
77) Benzidine	20.222	184	13141	2.712	ng	# 90

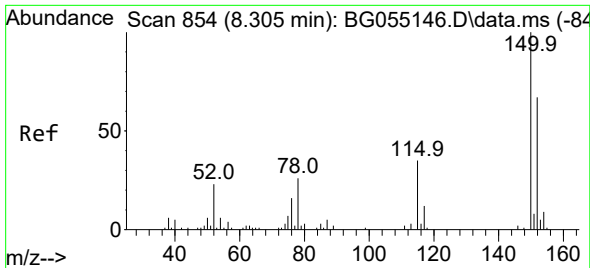
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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 QLast Update : Thu Oct 13 05:14:13 2022  
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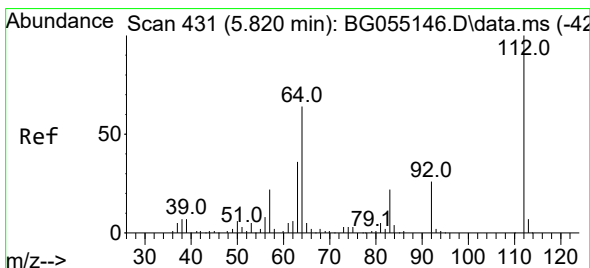
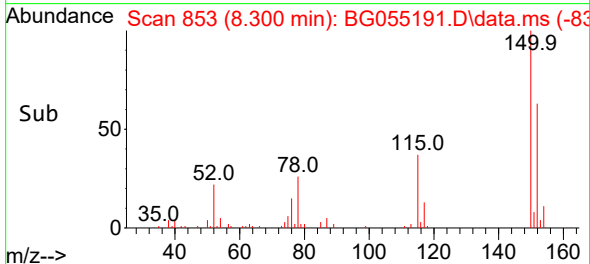
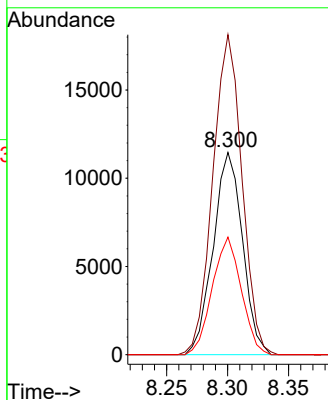
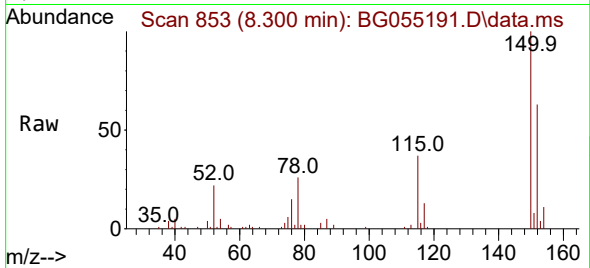




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 8.300 min Scan# 81  
 Delta R.T. -0.005 min  
 Lab File: BG055191.D  
 Acq: 17 Oct 2022 12:10

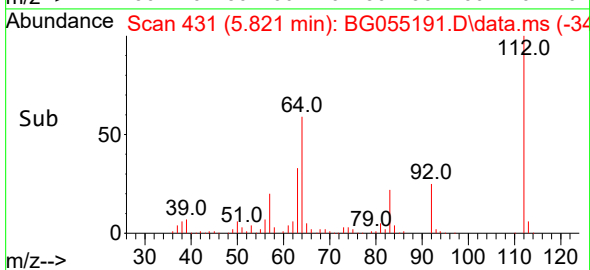
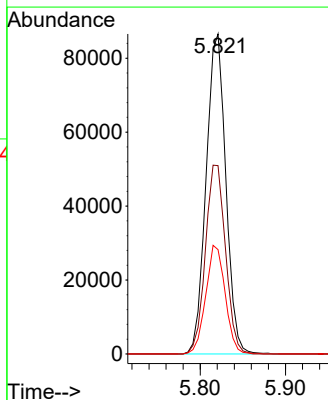
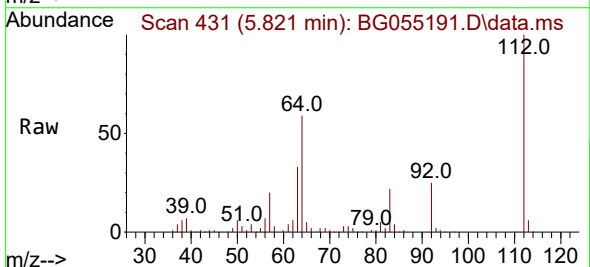
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB148341BL

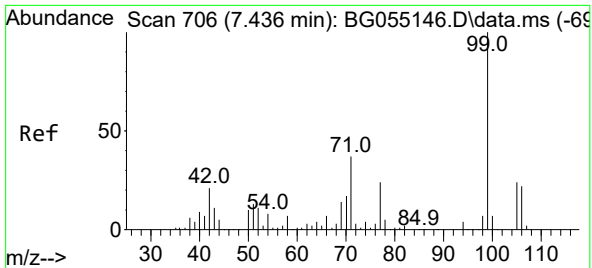
Tgt Ion:152 Resp: 19172  
 Ion Ratio Lower Upper  
 152 100  
 150 158.2 119.7 179.5  
 115 58.1 42.4 63.6



#5  
 2-Fluorophenol  
 Concen: 141.783 ng  
 RT: 5.821 min Scan# 431  
 Delta R.T. 0.001 min  
 Lab File: BG055191.D  
 Acq: 17 Oct 2022 12:10

Tgt Ion:112 Resp: 138937  
 Ion Ratio Lower Upper  
 112 100  
 64 58.9 50.9 76.3  
 63 32.6 29.0 43.6



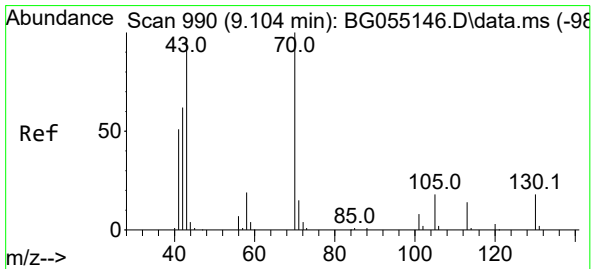
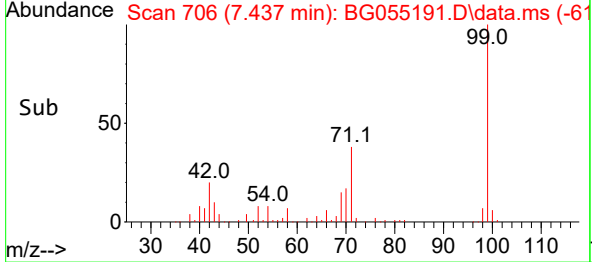
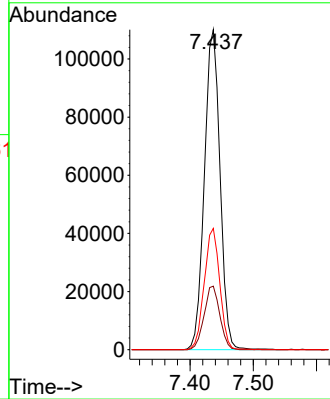
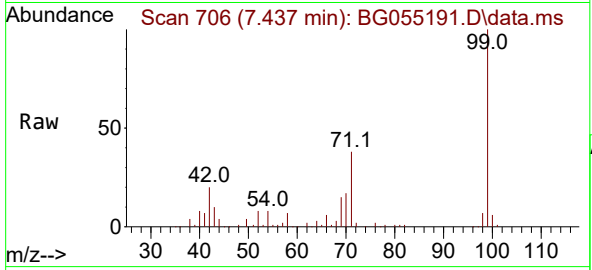


#7  
 Phenol-d6  
 Concen: 130.205 ng  
 RT: 7.437 min Scan# 706  
 Delta R.T. 0.001 min  
 Lab File: BG055191.D  
 Acq: 17 Oct 2022 12:10

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB148341BL

Tgt Ion: 99 Resp: 188742

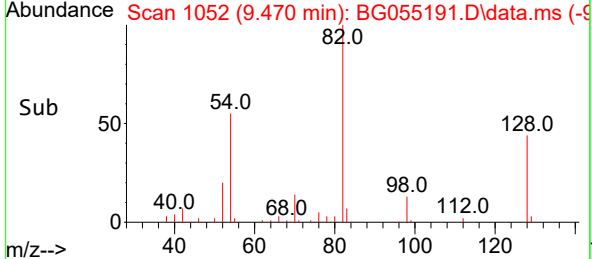
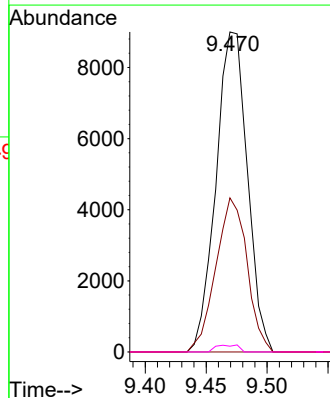
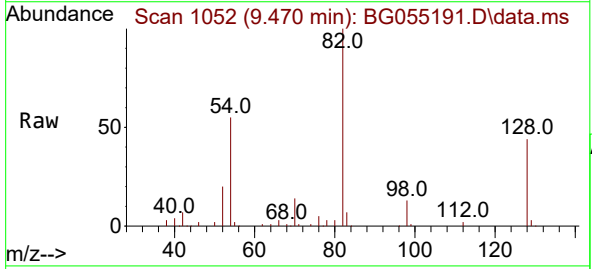
Ion	Ratio	Lower	Upper
99	100		
42	19.9	16.6	25.0
71	37.9	29.6	44.4

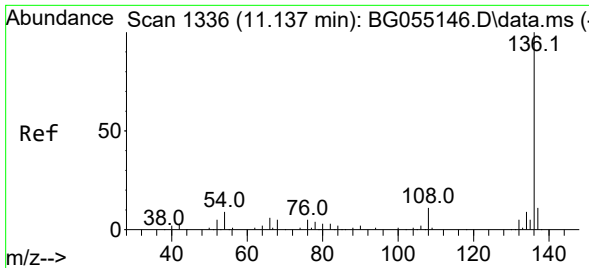


#19  
 n-Nitroso-di-n-propylamine  
 Concen: 13.783 ng  
 RT: 9.470 min Scan# 1052  
 Delta R.T. 0.365 min  
 Lab File: BG055191.D  
 Acq: 17 Oct 2022 12:10

Tgt Ion: 70 Resp: 16124

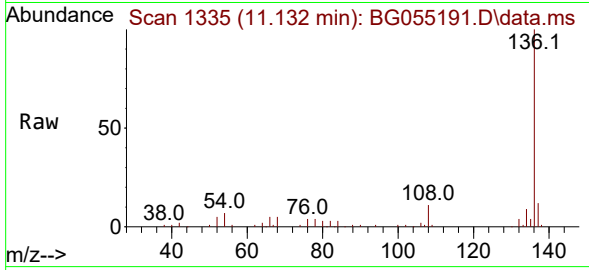
Ion	Ratio	Lower	Upper
70	100		
42	48.1	50.1	75.1#
101	0.0	6.6	10.0#
130	1.8	14.7	22.1#





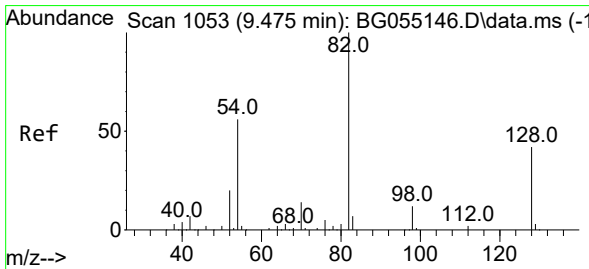
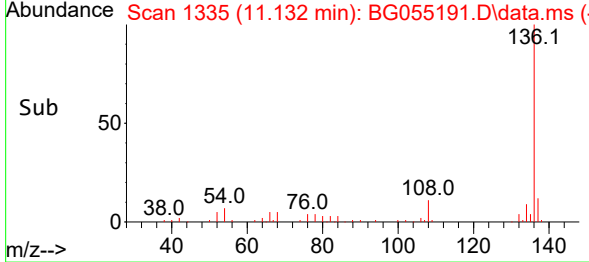
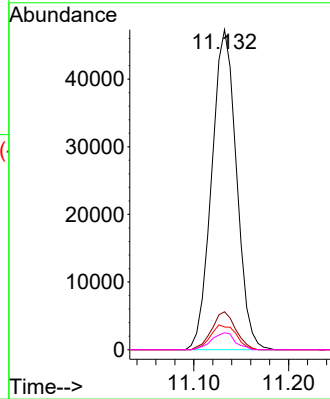
#21  
 Naphthalene-d8  
 Concen: 20.000 ng  
 RT: 11.132 min Scan# 11  
 Delta R.T. -0.005 min  
 Lab File: BG055191.D  
 Acq: 17 Oct 2022 12:10

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB148341BL



Tgt Ion: 136 Resp: 85861

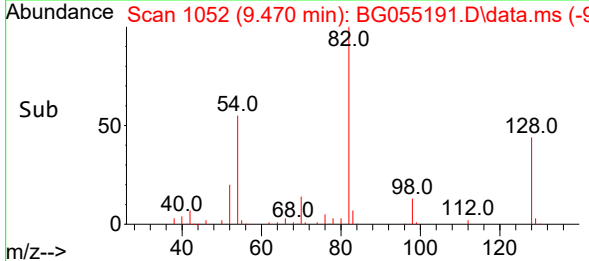
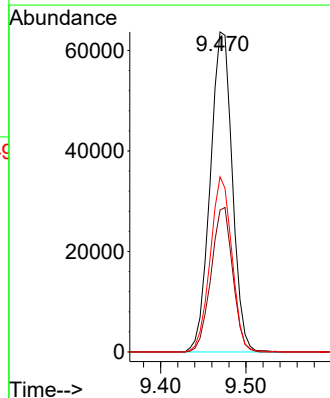
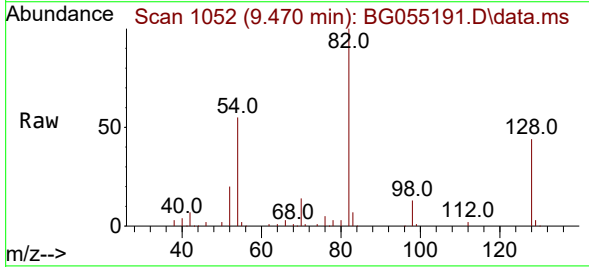
Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.1	13.7
54	7.1	7.0	10.6
68	5.3	4.3	6.5

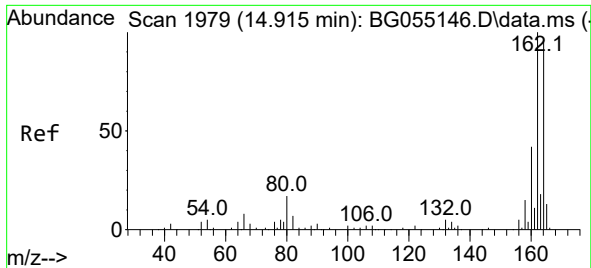


#23  
 Nitrobenzene-d5  
 Concen: 71.617 ng  
 RT: 9.470 min Scan# 1052  
 Delta R.T. -0.005 min  
 Lab File: BG055191.D  
 Acq: 17 Oct 2022 12:10

Tgt Ion: 82 Resp: 114669

Ion	Ratio	Lower	Upper
82	100		
128	44.3	33.5	50.3
54	54.7	44.7	67.1





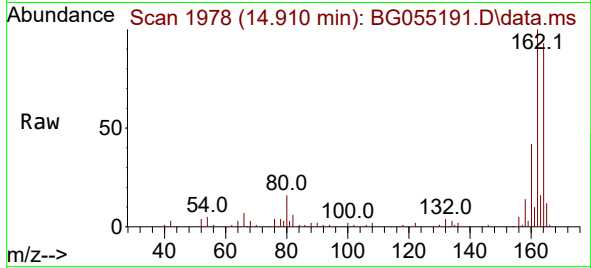
#39  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 14.910 min Scan# 1978  
 Delta R.T. -0.005 min  
 Lab File: BG055191.D  
 Acq: 17 Oct 2022 12:10

Instrument :

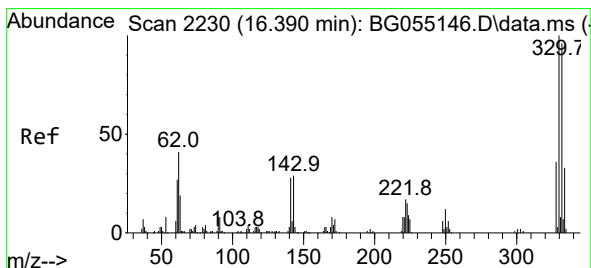
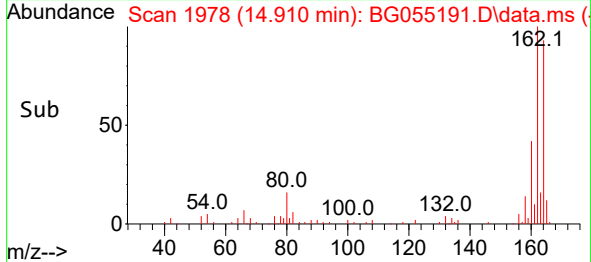
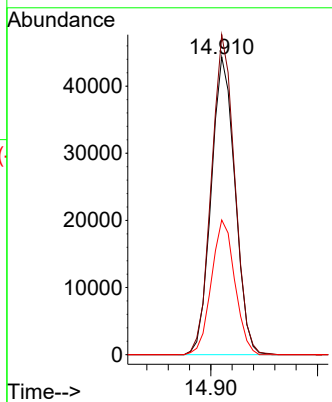
BNA\_G

ClientSampleId :

PB148341BL

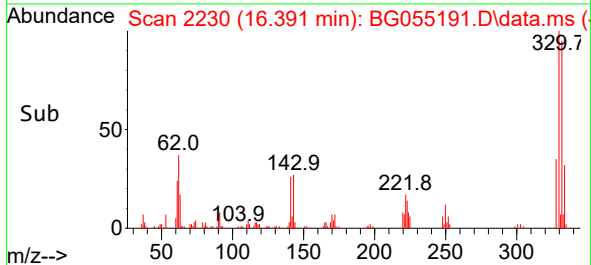
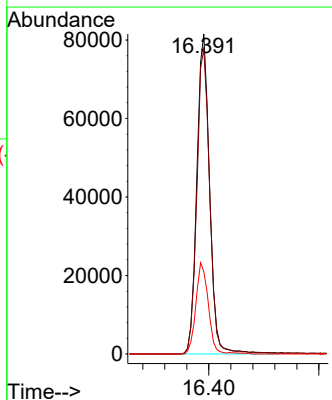
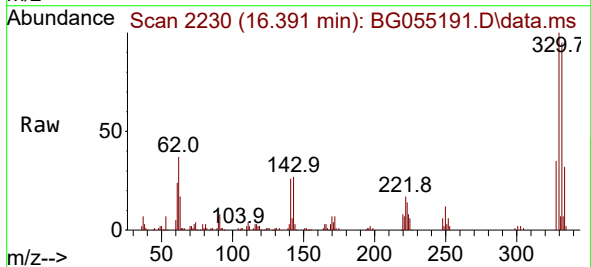


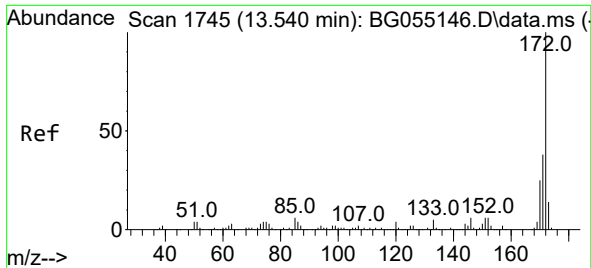
Tgt Ion:164 Resp: 68587  
 Ion Ratio Lower Upper  
 164 100  
 162 107.4 83.3 124.9  
 160 45.2 35.3 52.9



#42  
 2,4,6-Tribromophenol  
 Concen: 133.577 ng  
 RT: 16.391 min Scan# 2230  
 Delta R.T. 0.001 min  
 Lab File: BG055191.D  
 Acq: 17 Oct 2022 12:10

Tgt Ion:330 Resp: 131642  
 Ion Ratio Lower Upper  
 330 100  
 332 96.6 77.0 115.4  
 141 27.9 24.6 36.8

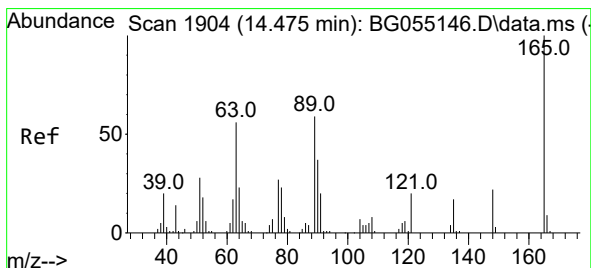
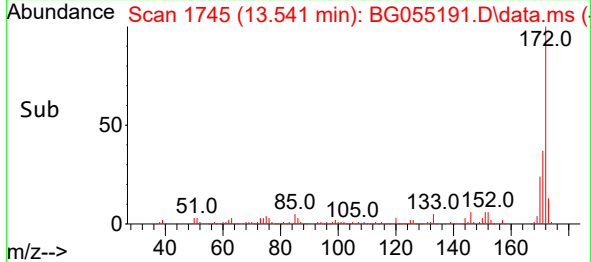
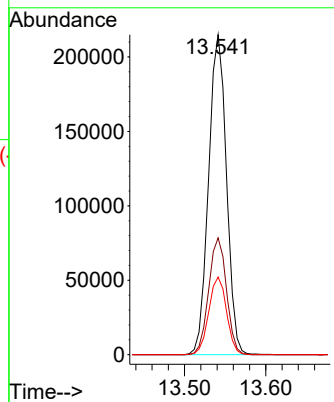
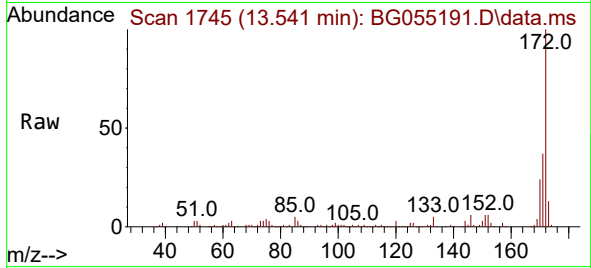




#45  
 2-Fluorobiphenyl  
 Concen: 78.229 ng  
 RT: 13.541 min Scan# 11  
 Delta R.T. 0.001 min  
 Lab File: BG055191.D  
 Acq: 17 Oct 2022 12:10

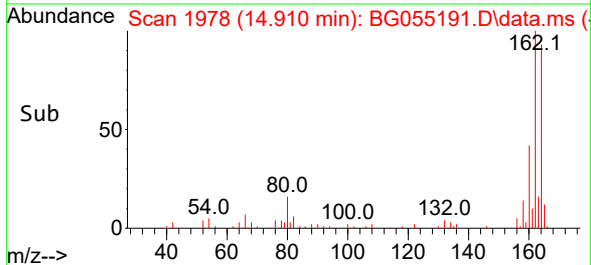
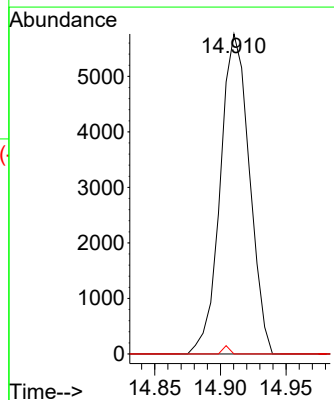
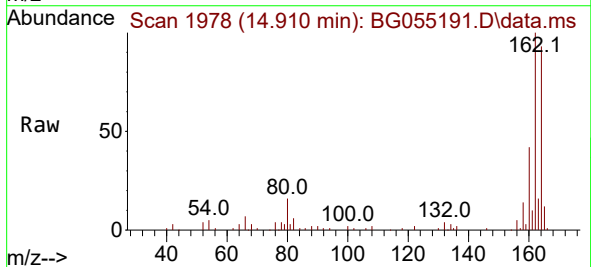
Instrument :  
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 PB148341BL

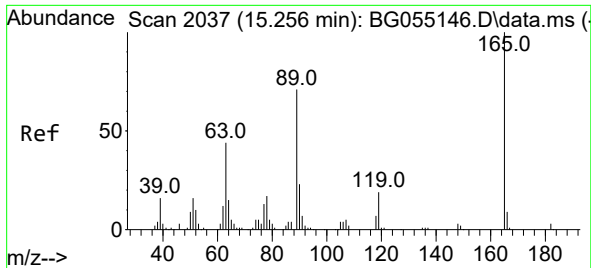
Tgt Ion:172 Resp: 328456  
 Ion Ratio Lower Upper  
 172 100  
 171 36.5 30.1 45.1  
 170 24.3 19.8 29.6



#51  
 2,6-Dinitrotoluene  
 Concen: 7.836 ng  
 RT: 14.910 min Scan# 1978  
 Delta R.T. 0.436 min  
 Lab File: BG055191.D  
 Acq: 17 Oct 2022 12:10

Tgt Ion:165 Resp: 8890  
 Ion Ratio Lower Upper  
 165 100  
 63 0.0 46.6 70.0#  
 89 0.0 47.6 71.4#



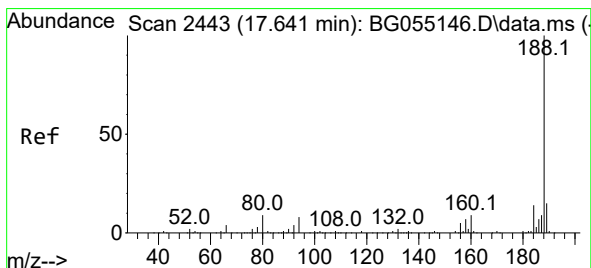
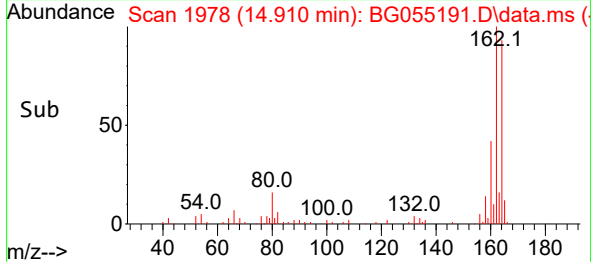
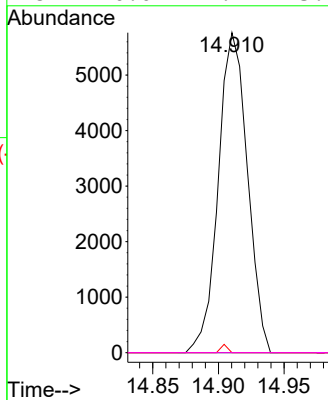
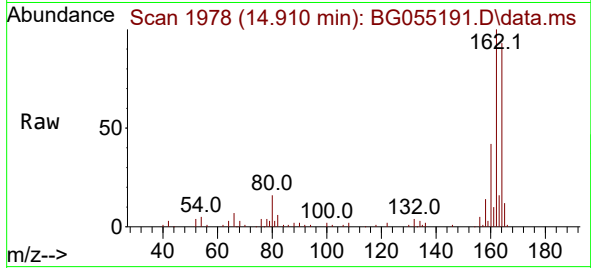


#57  
 2,4-Dinitrotoluene  
 Concen: 5.350 ng  
 RT: 14.910 min Scan# 14  
 Delta R.T. -0.346 min  
 Lab File: BG055191.D  
 Acq: 17 Oct 2022 12:10

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB148341BL

Tgt Ion:165 Resp: 8890

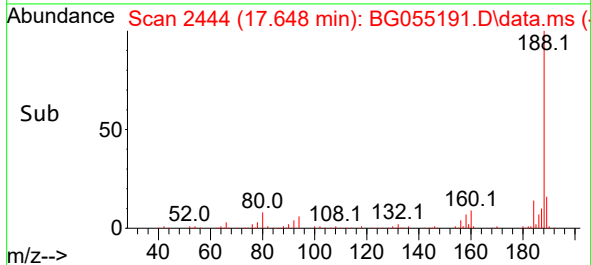
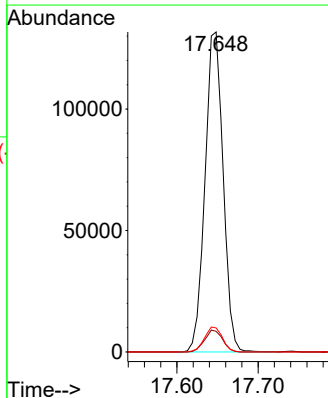
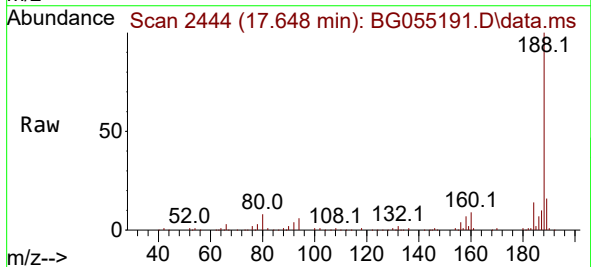
Ion	Ratio	Lower	Upper
165	100		
63	0.0	35.6	53.4#
89	0.0	56.4	84.6#
182	0.0	2.1	3.1#



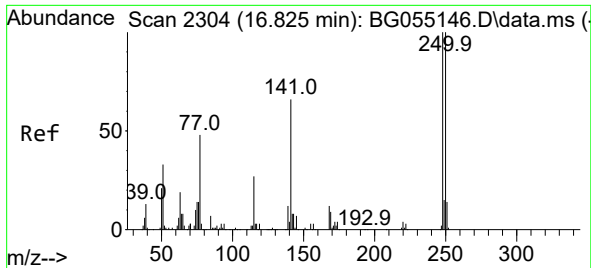
#64  
 Phenanthrene-d10  
 Concen: 20.000 ng  
 RT: 17.648 min Scan# 2444  
 Delta R.T. 0.007 min  
 Lab File: BG055191.D  
 Acq: 17 Oct 2022 12:10

Tgt Ion:188 Resp: 203614

Ion	Ratio	Lower	Upper
188	100		
94	6.5	6.2	9.2
80	7.5	7.0	10.6

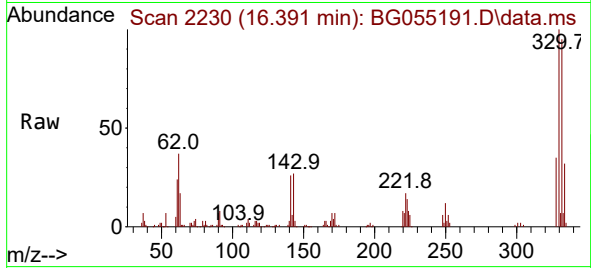




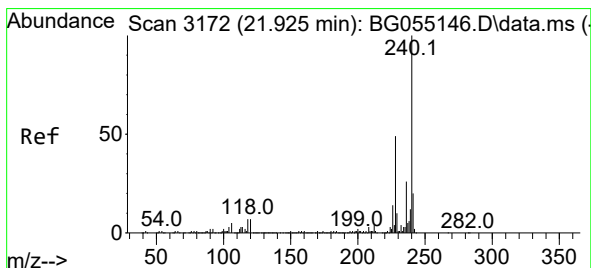
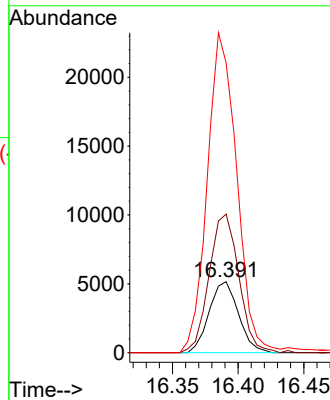
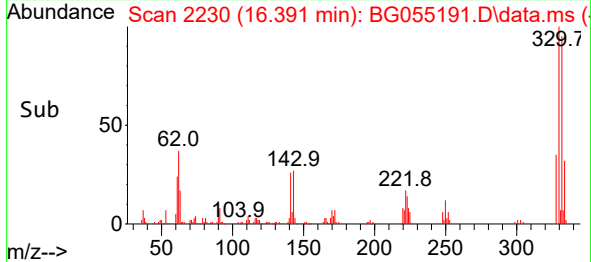


#67  
 4-Bromophenyl-phenylether  
 Concen: 3.615 ng  
 RT: 16.391 min Scan# 21  
 Delta R.T. -0.434 min  
 Lab File: BG055191.D  
 Acq: 17 Oct 2022 12:10

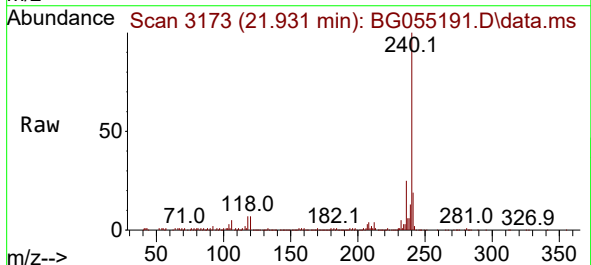
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB148341BL



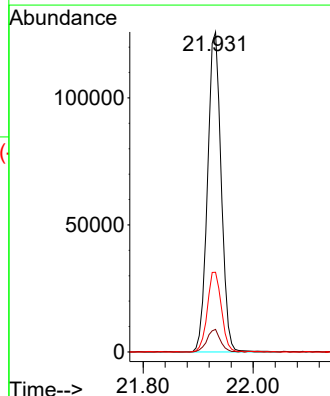
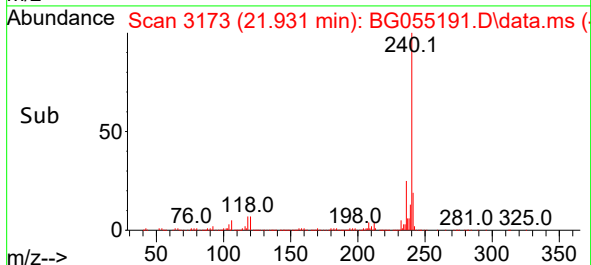
Tgt Ion:248 Resp: 8025  
 Ion Ratio Lower Upper  
 248 100  
 250 195.0 80.1 120.1#  
 141 407.7 53.1 79.7#

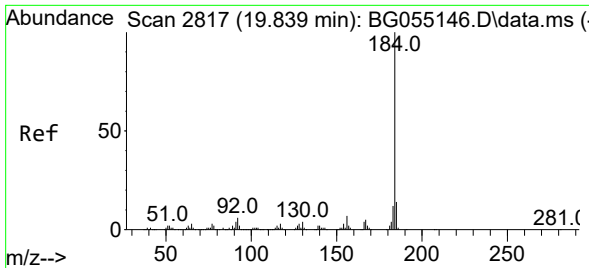


#76  
 Chrysene-d12  
 Concen: 20.000 ng  
 RT: 21.931 min Scan# 3173  
 Delta R.T. 0.007 min  
 Lab File: BG055191.D  
 Acq: 17 Oct 2022 12:10



Tgt Ion:240 Resp: 216088  
 Ion Ratio Lower Upper  
 240 100  
 120 7.0 5.4 8.0  
 236 24.9 20.6 31.0



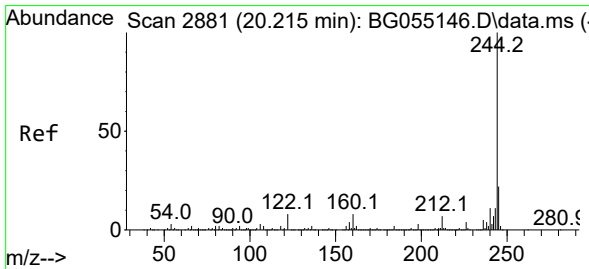
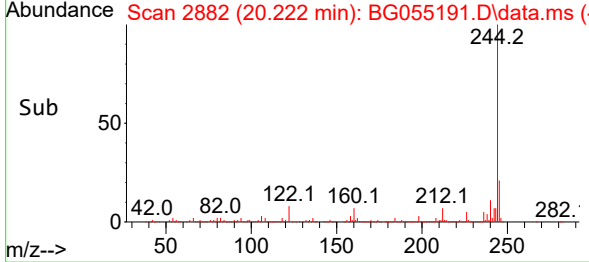
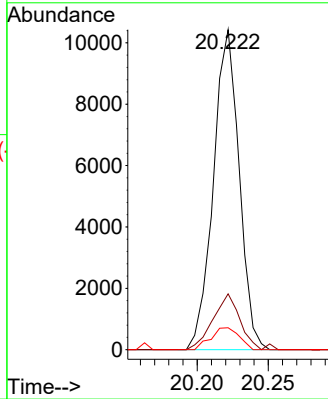
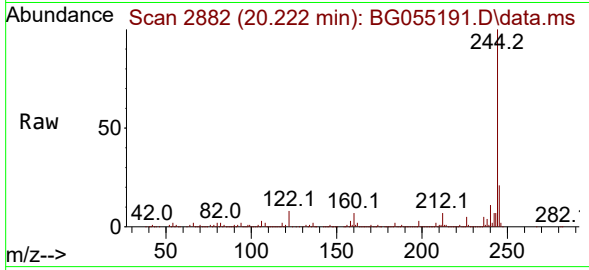


#77  
 Benzidine  
 Concen: 2.712 ng  
 RT: 20.222 min Scan# 2882  
 Delta R.T. 0.383 min  
 Lab File: BG055191.D  
 Acq: 17 Oct 2022 12:10

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB148341BL

Tgt Ion:184 Resp: 13141

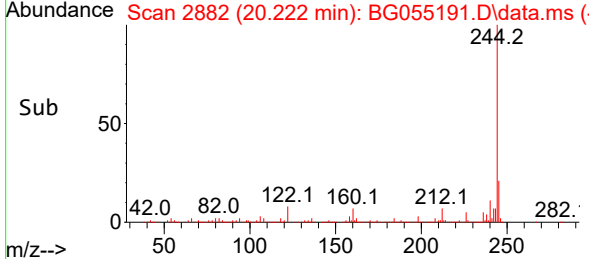
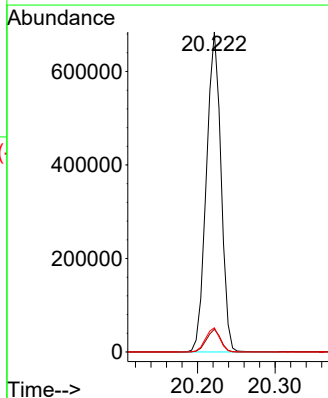
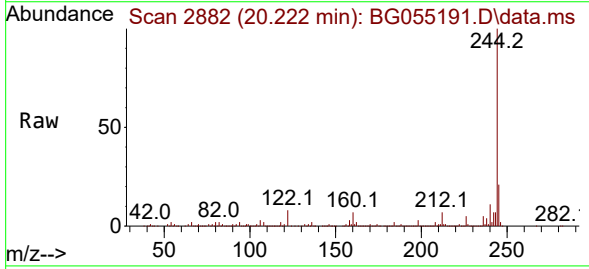
Ion	Ratio	Lower	Upper
184	100		
185	17.5	11.5	17.3#
183	6.9	9.4	14.2#

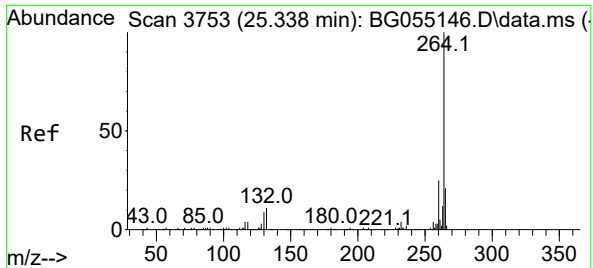


#79  
 Terphenyl-d14  
 Concen: 83.478 ng  
 RT: 20.222 min Scan# 2882  
 Delta R.T. 0.007 min  
 Lab File: BG055191.D  
 Acq: 17 Oct 2022 12:10

Tgt Ion:244 Resp: 895652

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.9	8.9
122	7.6	6.6	10.0





#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 25.357 min Scan# 31  
 Delta R.T. 0.019 min  
 Lab File: BG055191.D  
 Acq: 17 Oct 2022 12:10

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB148341BL

Tgt Ion:264 Resp: 230000

Ion	Ratio	Lower	Upper
264	100		
260	24.0	20.1	30.1
265	21.8	16.8	25.2

