

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041321\
 Data File : BG048683.D
 Acq On : 13 Apr 2021 21:03
 Operator : CG/JU
 Sample : M1967-12
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EB 2021-04-06_SO

Quant Time: Apr 14 00:32:43 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG033021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 07 10:06:00 2021
 Response via : Initial Calibration

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

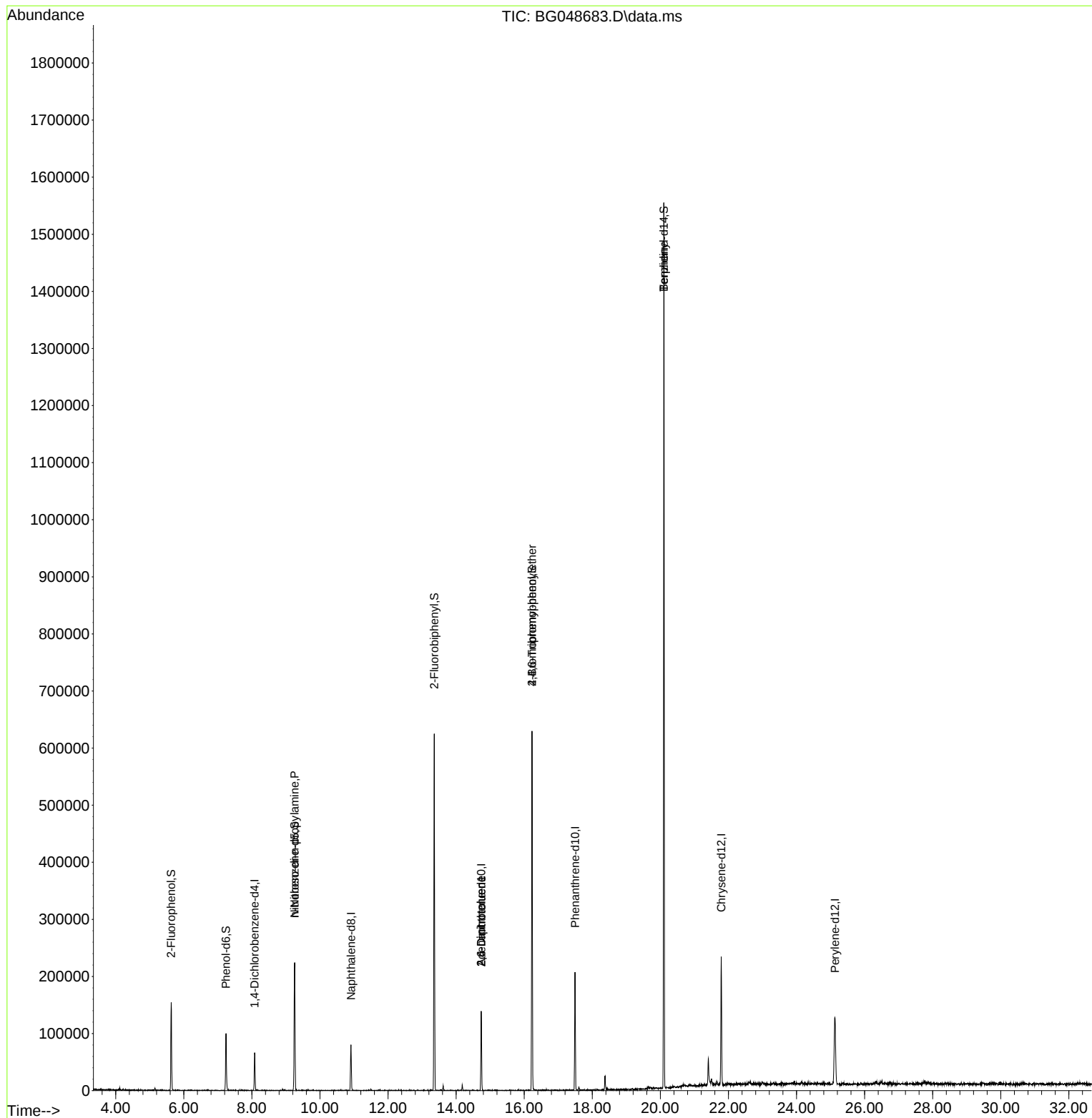
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.081	152	15113	20.00	ng	#-0.02
21) Naphthalene-d8	10.913	136	63393	20.00	ng	#-0.01
39) Acenaphthene-d10	14.738	164	45480	20.00	ng	-0.01
64) Phenanthrene-d10	17.493	188	129568	20.00	ng	0.00
76) Chrysene-d12	21.788	240	131162	20.00	ng	#-0.01
86) Perylene-d12	25.126	264	133145	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.631	112	58073	67.84	ng	0.00
7) Phenol-d6	7.241	99	46891	37.77	ng	0.00
23) Nitrobenzene-d5	9.256	82	130224	99.46	ng	0.00
42) 2,4,6-Tribromophenol	16.230	330	95077	159.03	ng	0.00
45) 2-Fluorobiphenyl	13.357	172	291144	95.15	ng	-0.01
79) Terphenyl-d14	20.102	244	680274	94.85	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.256	70	20839	24.35	ng	# 82
51) 2,6-Dinitrotoluene	14.738	165	6054	7.84	ng	# 17
57) 2,4-Dinitrotoluene	14.738	165	6054	5.54	ng	# 22
67) 4-Bromophenyl-phenylether	16.230	248	7535	5.25	ng	# 1
77) Benzidine	20.102	184	13829	3.11	ng	# 79

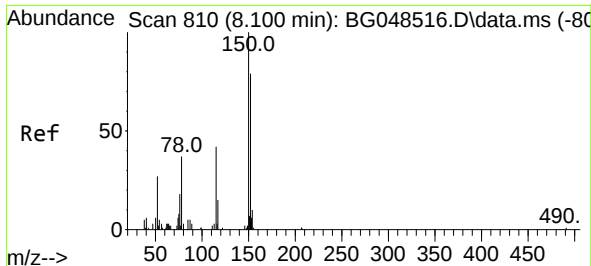
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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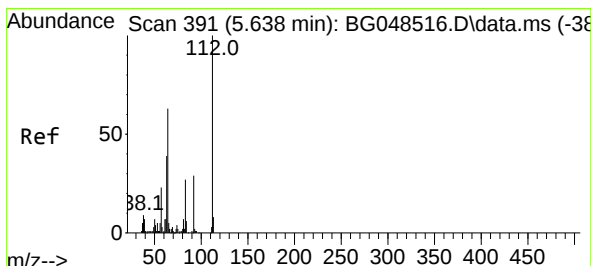
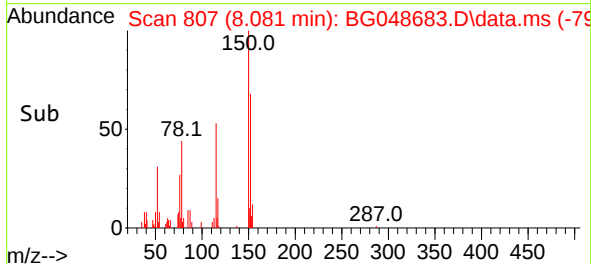
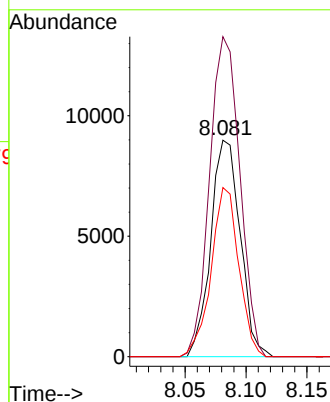
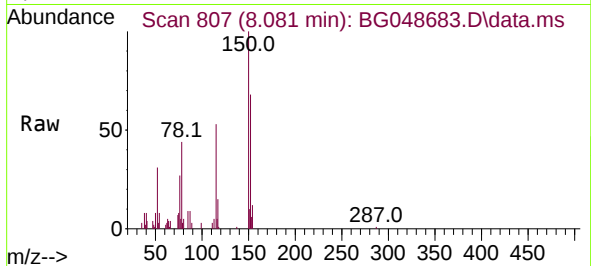




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.081 min Scan# 807
Delta R.T. -0.019 min
Lab File: BG048683.D
Acq: 13 Apr 2021 21:03

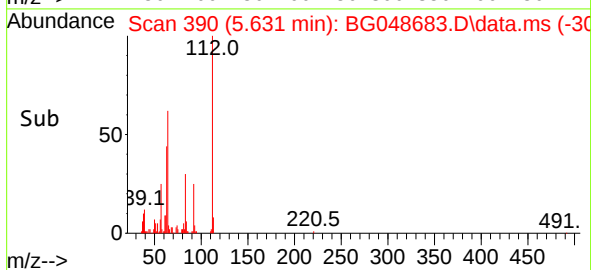
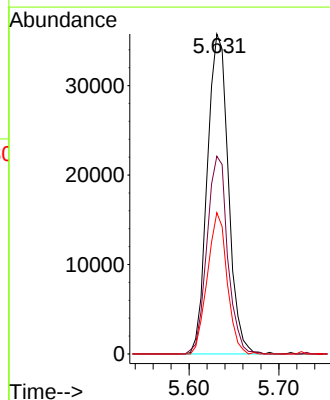
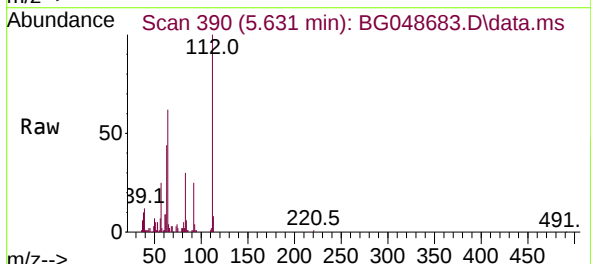
Instrument :
BNA_G
ClientSampleId :
EB 2021-04-06_SO

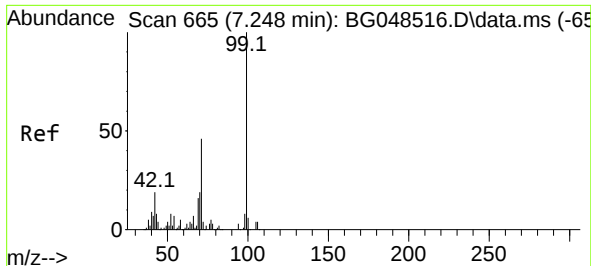
Tgt Ion:152 Resp: 15113
Ion Ratio Lower Upper
152 100
150 147.8 101.3 151.9
115 78.1 42.3 63.5#



#5
2-Fluorophenol
Concen: 67.84 ng
RT: 5.631 min Scan# 390
Delta R.T. -0.007 min
Lab File: BG048683.D
Acq: 13 Apr 2021 21:03

Tgt Ion:112 Resp: 58073
Ion Ratio Lower Upper
112 100
64 61.8 50.4 75.6
63 44.2 31.4 47.2

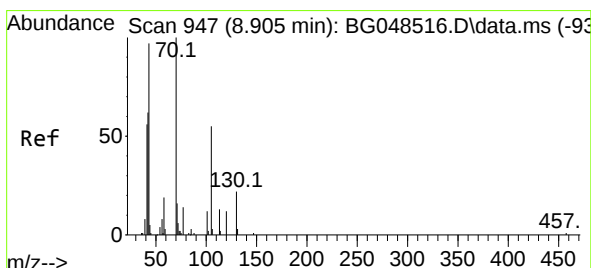
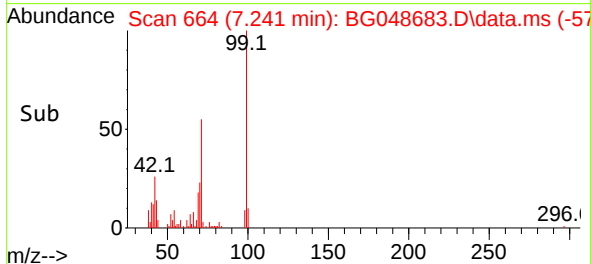
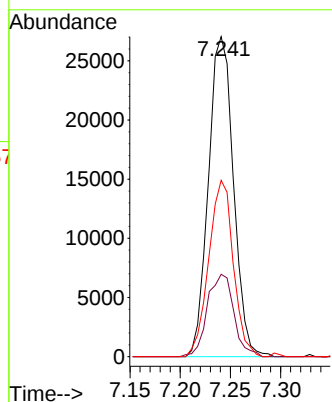
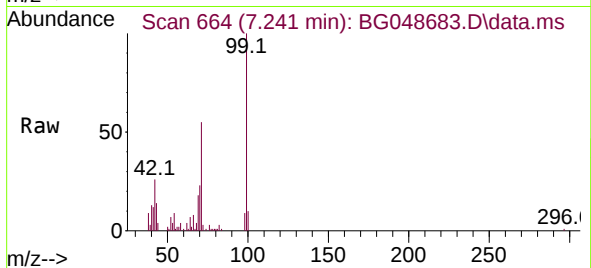




#7
Phenol-d6
Concen: 37.77 ng
RT: 7.241 min Scan# 664
Delta R.T. -0.007 min
Lab File: BG048683.D
Acq: 13 Apr 2021 21:03

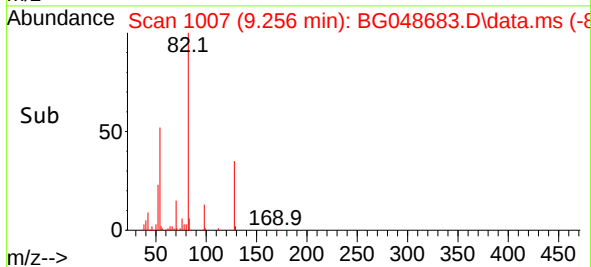
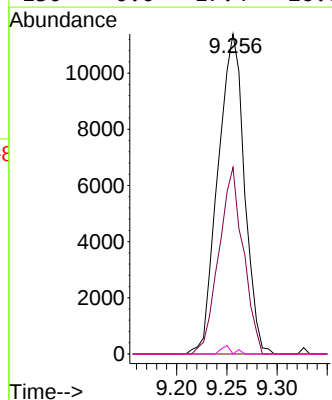
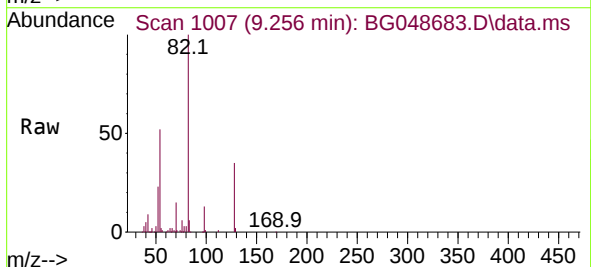
Instrument :
BNA_G
ClientSampleId :
EB 2021-04-06_SO

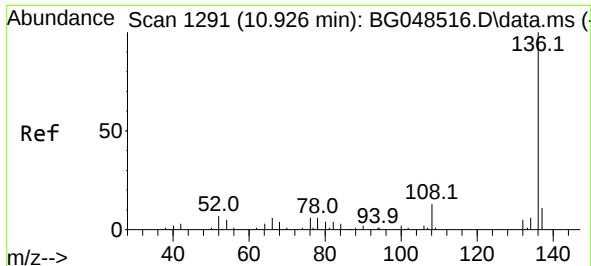
Tgt Ion: 99 Resp: 46891
Ion Ratio Lower Upper
99 100
42 25.8 15.5 23.3#
71 55.1 36.6 54.8#



#19
n-Nitroso-di-n-propylamine
Concen: 24.35 ng
RT: 9.256 min Scan# 1007
Delta R.T. 0.351 min
Lab File: BG048683.D
Acq: 13 Apr 2021 21:03

Tgt Ion: 70 Resp: 20839
Ion Ratio Lower Upper
70 100
42 58.3 50.8 76.2
101 0.0 9.7 14.5#
130 0.0 17.4 26.0#

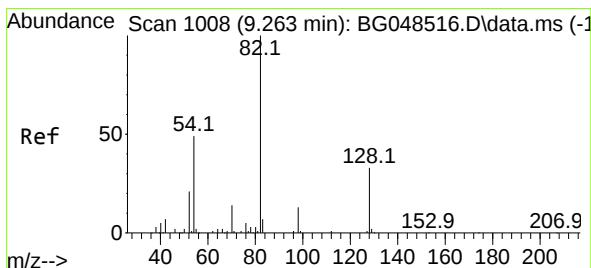
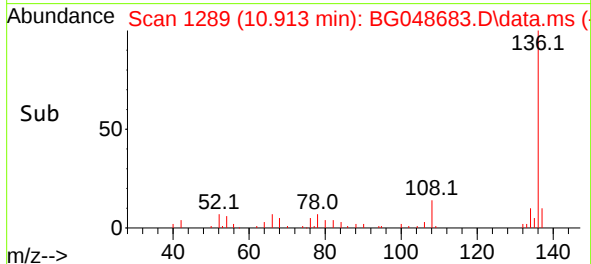
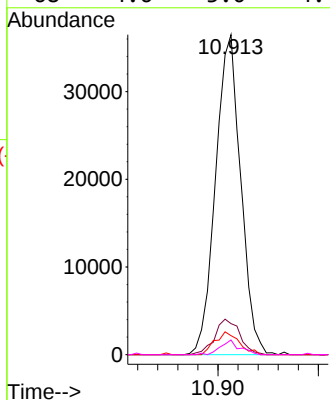
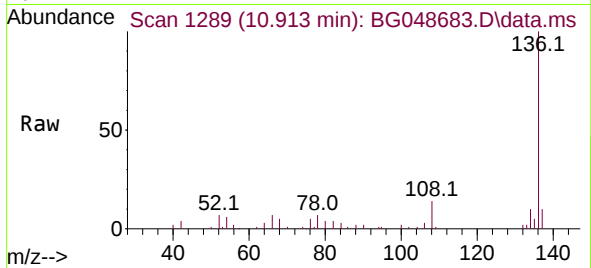




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.913 min Scan# 1289
Delta R.T. -0.013 min
Lab File: BG048683.D
Acq: 13 Apr 2021 21:03

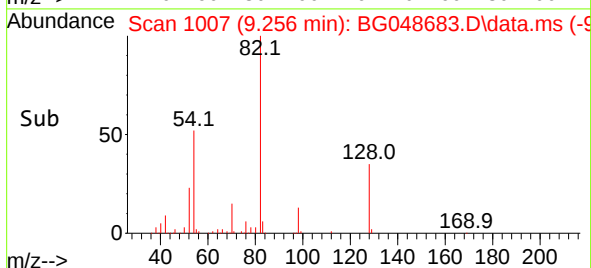
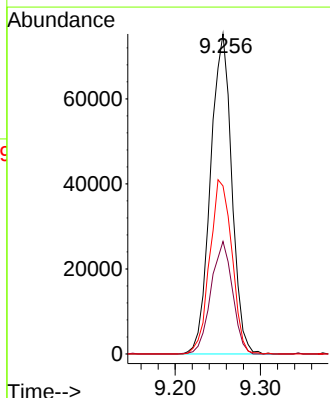
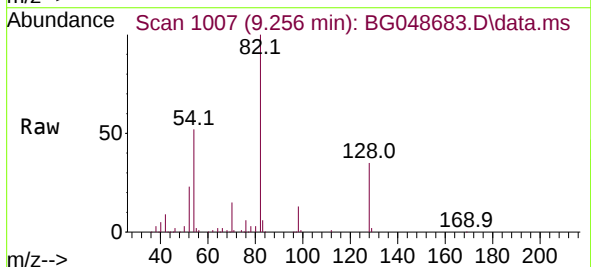
Instrument :
BNA_G
ClientSampleId :
EB 2021-04-06_SO

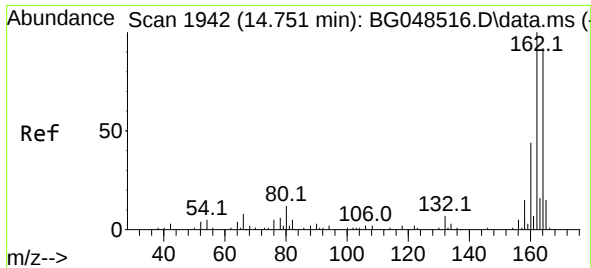
Tgt Ion:	136	Resp:	63393
Ion Ratio	Lower	Upper	
136	100		
137	9.7	8.6	12.8
54	6.0	4.2	6.4
68	4.6	3.0	4.4#



#23
Nitrobenzene-d5
Concen: 99.46 ng
RT: 9.256 min Scan# 1007
Delta R.T. -0.007 min
Lab File: BG048683.D
Acq: 13 Apr 2021 21:03

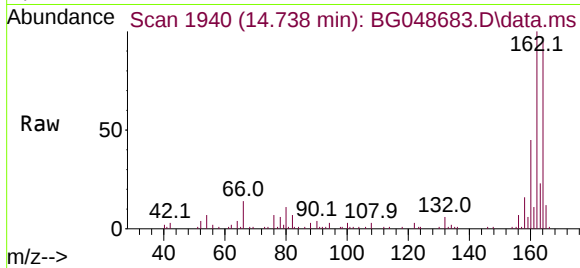
Tgt Ion:	82	Resp:	130224
Ion Ratio	Lower	Upper	
82	100		
128	35.1	26.2	39.4
54	52.5	38.9	58.3



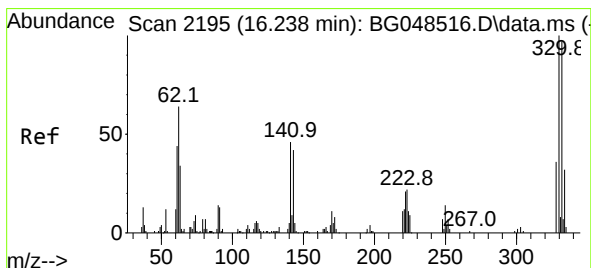
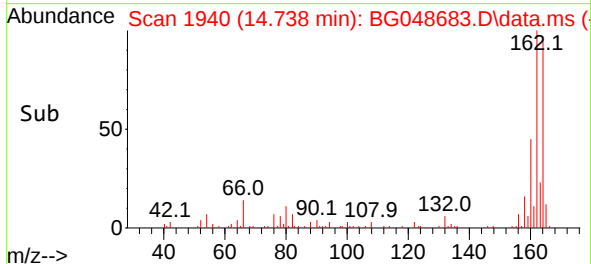
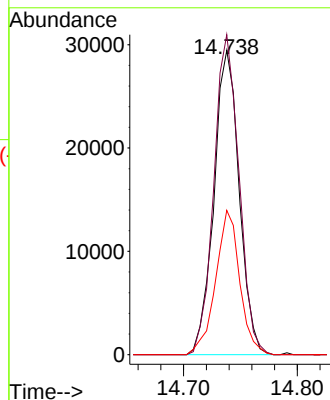


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.738 min Scan# 1940
Delta R.T. -0.013 min
Lab File: BG048683.D
Acq: 13 Apr 2021 21:03

Instrument :
BNA_G
ClientSampleId :
EB 2021-04-06_SO

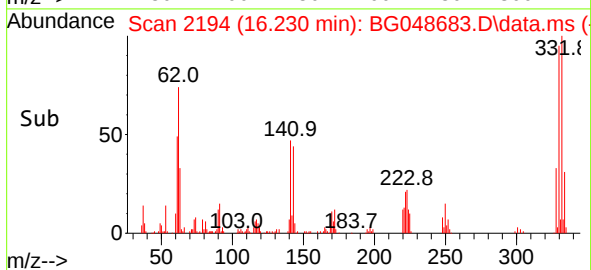
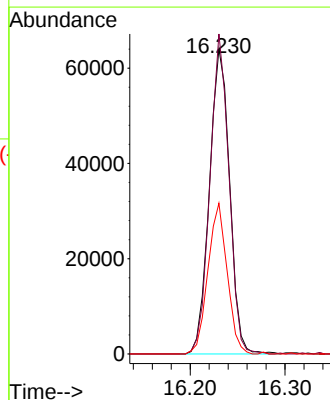
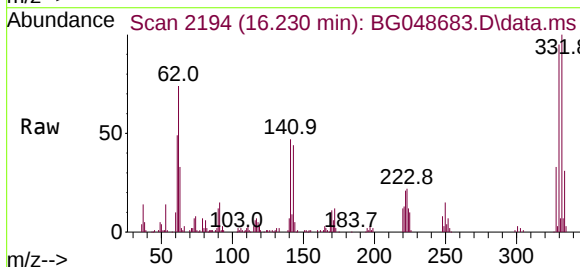


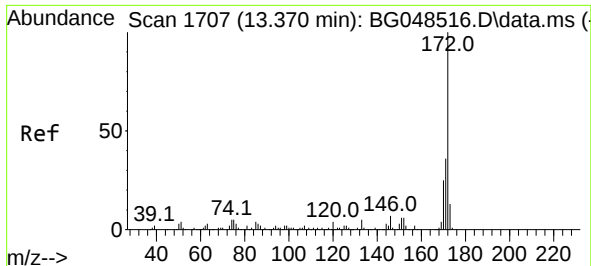
Tgt Ion:164	Resp:	45480	
Ion	Ratio	Lower	Upper
164	100		
162	105.2	87.0	130.6
160	47.4	38.4	57.6



#42
2,4,6-Tribromophenol
Concen: 159.03 ng
RT: 16.230 min Scan# 2194
Delta R.T. -0.007 min
Lab File: BG048683.D
Acq: 13 Apr 2021 21:03

Tgt Ion:330	Resp:	95077	
Ion	Ratio	Lower	Upper
330	100		
332	98.3	77.6	116.4
141	46.8	34.6	52.0

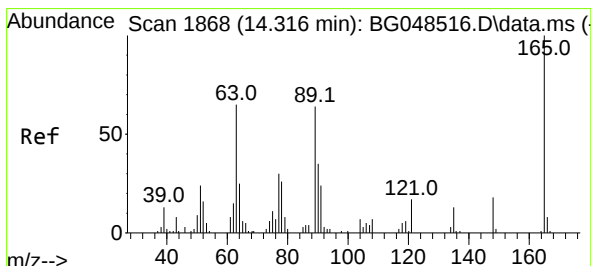
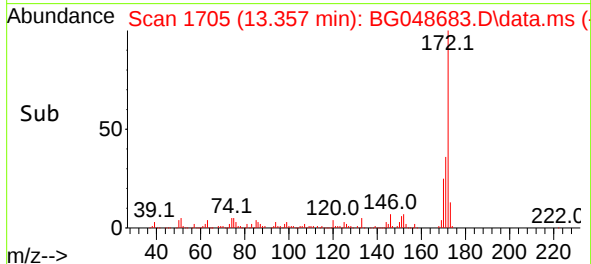
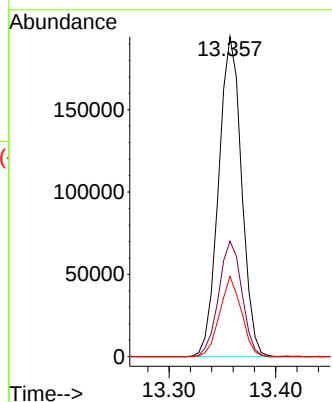
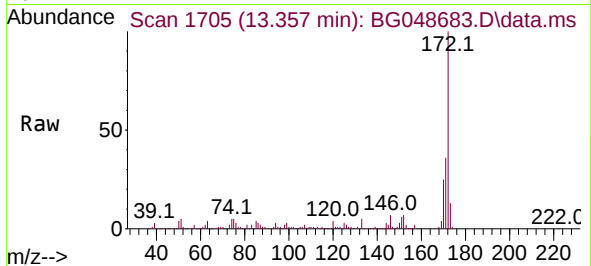




#45
2-Fluorobiphenyl
Concen: 95.15 ng
RT: 13.357 min Scan# 1705
Delta R.T. -0.013 min
Lab File: BG048683.D
Acq: 13 Apr 2021 21:03

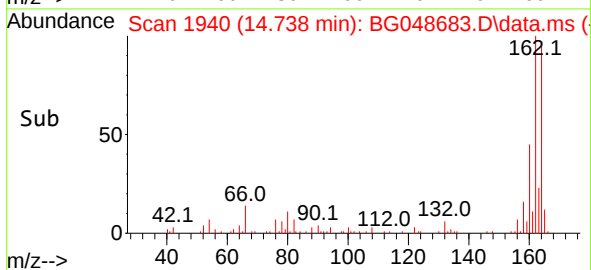
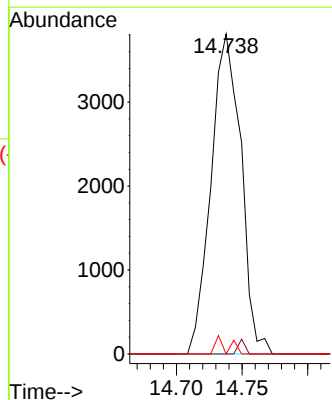
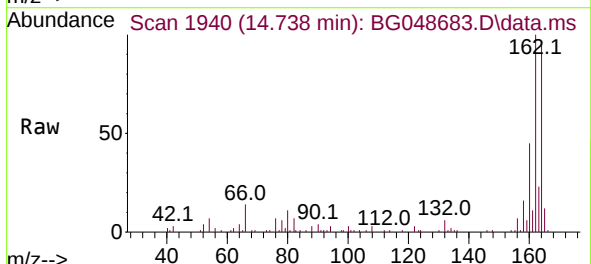
Instrument :
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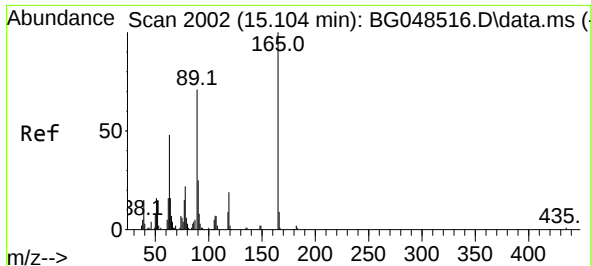
Tgt Ion:172 Resp: 291144
Ion Ratio Lower Upper
172 100
171 36.1 28.5 42.7
170 25.1 19.8 29.6



#51
2,6-Dinitrotoluene
Concen: 7.84 ng
RT: 14.738 min Scan# 1940
Delta R.T. 0.421 min
Lab File: BG048683.D
Acq: 13 Apr 2021 21:03

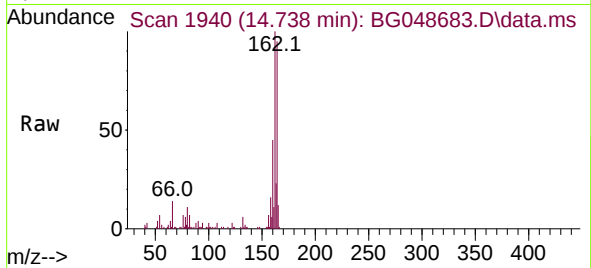
Tgt Ion:165 Resp: 6054
Ion Ratio Lower Upper
165 100
63 0.0 53.8 80.6#
89 0.0 50.8 76.2#



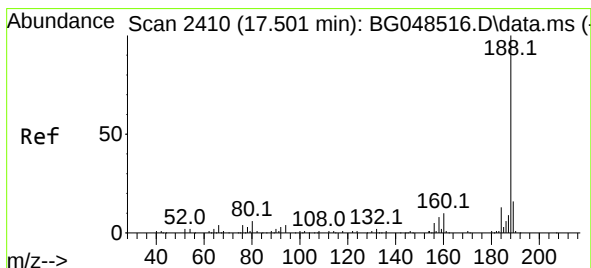
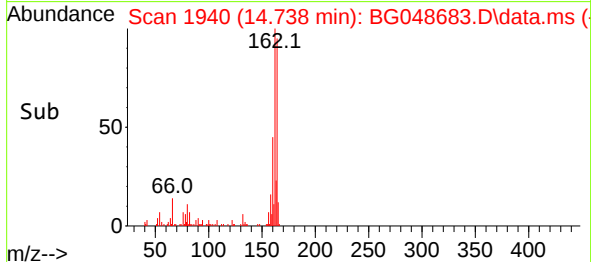
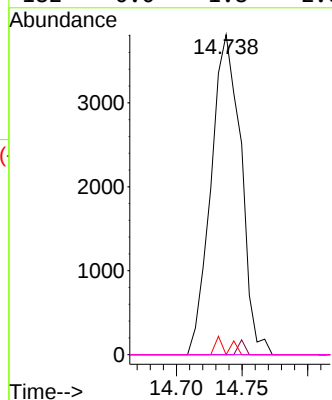


#57
2,4-Dinitrotoluene
Concen: 5.54 ng
RT: 14.738 min Scan# 1940
Delta R.T. -0.366 min
Lab File: BG048683.D
Acq: 13 Apr 2021 21:03

Instrument :
BNA_G
ClientSampleId :
EB 2021-04-06_SO

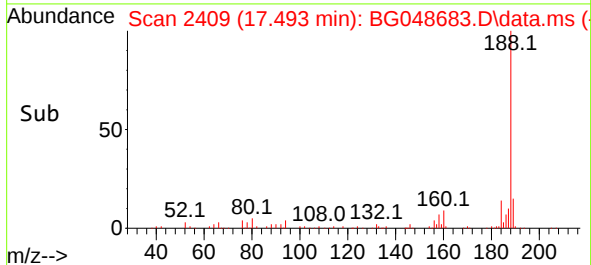
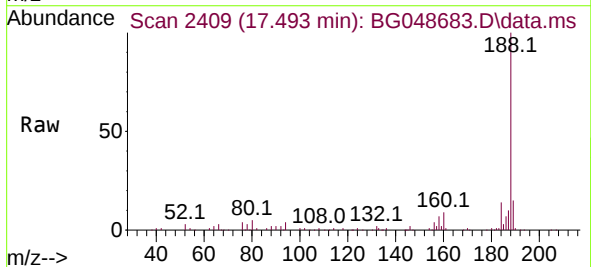
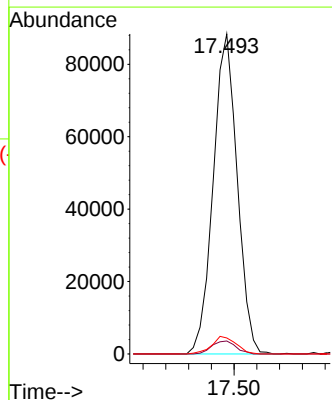


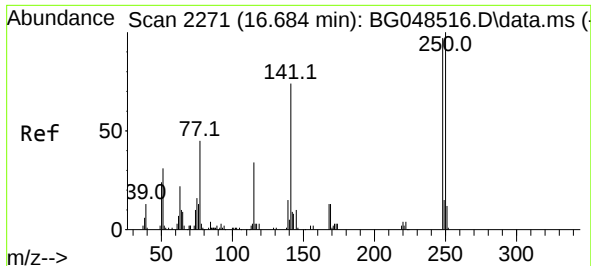
Tgt Ion:165	Resp:	6054
Ion Ratio	Lower	Upper
165	100	
63	0.0	38.3 57.5#
89	0.0	56.5 84.7#
182	0.0	1.8 2.6#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.493 min Scan# 2409
Delta R.T. -0.007 min
Lab File: BG048683.D
Acq: 13 Apr 2021 21:03

Tgt Ion:188	Resp:	129568
Ion Ratio	Lower	Upper
188	100	
94	4.0	3.0 4.6
80	5.0	4.5 6.7

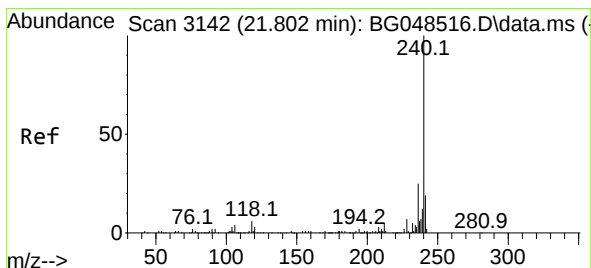
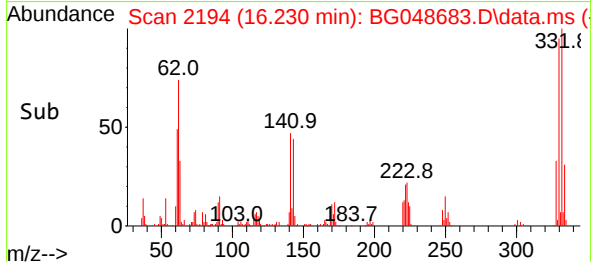
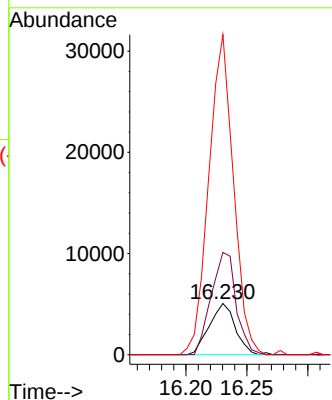
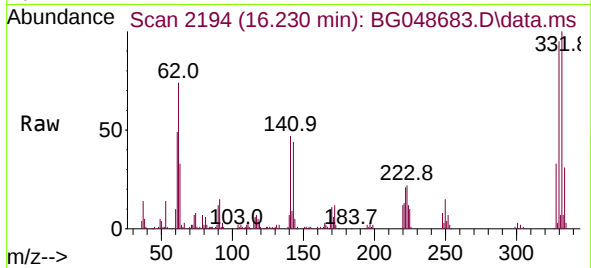




#67
4-Bromophenyl-phenylether
Concen: 5.25 ng
RT: 16.230 min Scan# 2194
Delta R.T. -0.454 min
Lab File: BG048683.D
Acq: 13 Apr 2021 21:03

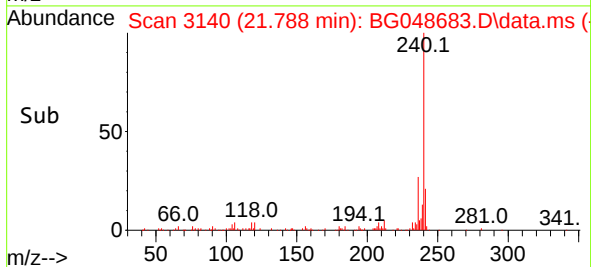
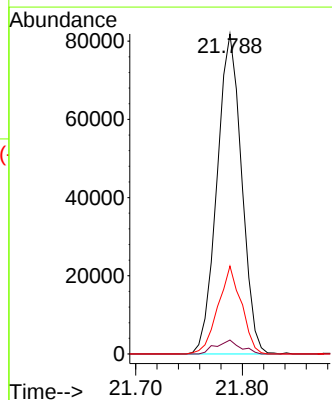
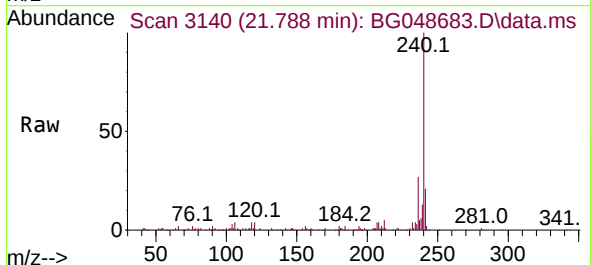
Instrument :
BNA_G
ClientSampleId :
EB_2021-04-06_SO

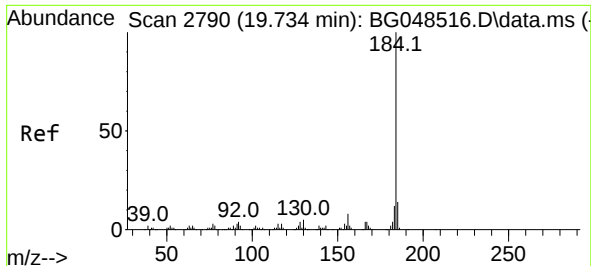
Tgt Ion:248 Resp: 7535
Ion Ratio Lower Upper
248 100
250 199.6 82.6 124.0#
141 624.3 61.0 91.6#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.788 min Scan# 3140
Delta R.T. -0.013 min
Lab File: BG048683.D
Acq: 13 Apr 2021 21:03

Tgt Ion:240 Resp: 131162
Ion Ratio Lower Upper
240 100
120 4.4 2.6 3.8#
236 27.5 19.8 29.6

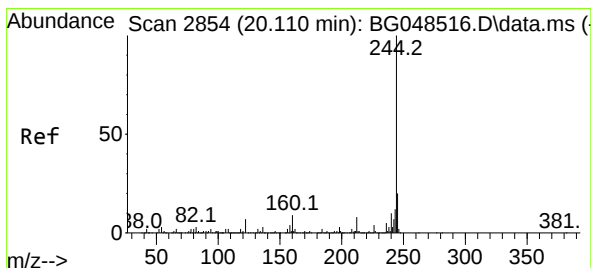
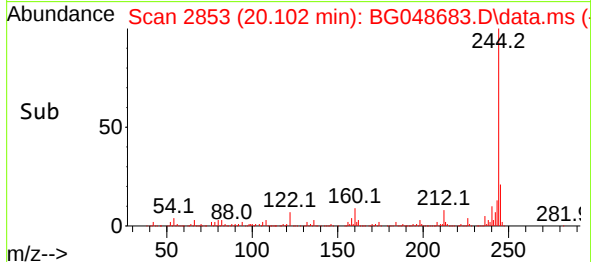
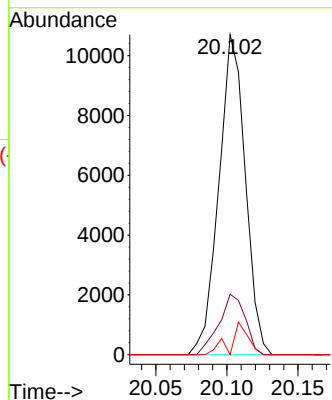
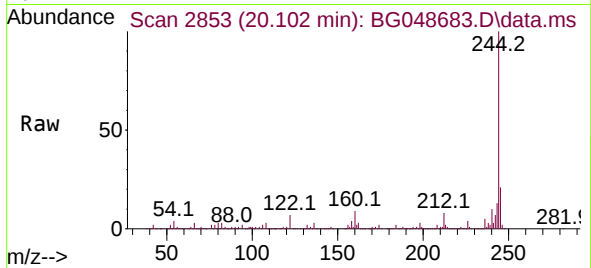




#77
Benzidine
Concen: 3.11 ng
RT: 20.102 min Scan# 2853
Delta R.T. 0.369 min
Lab File: BG048683.D
Acq: 13 Apr 2021 21:03

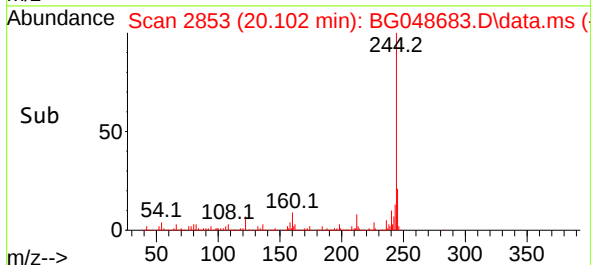
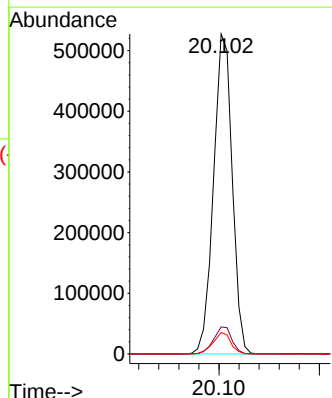
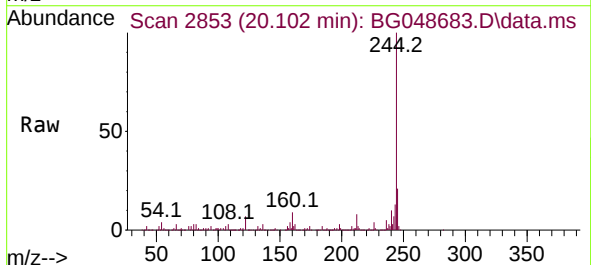
Instrument :
BNA_G
ClientSampleId :
EB 2021-04-06_SO

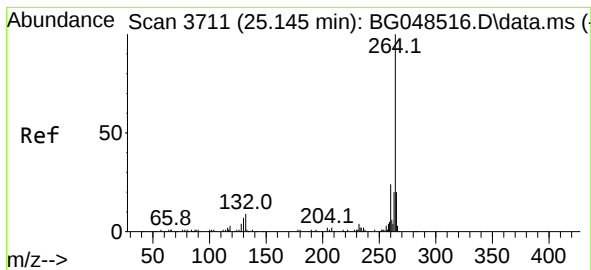
Tgt Ion:184 Resp: 13829
Ion Ratio Lower Upper
184 100
185 18.9 11.0 16.4#
183 0.0 9.2 13.8#



#79
Terphenyl-d14
Concen: 94.85 ng
RT: 20.102 min Scan# 2853
Delta R.T. -0.007 min
Lab File: BG048683.D
Acq: 13 Apr 2021 21:03

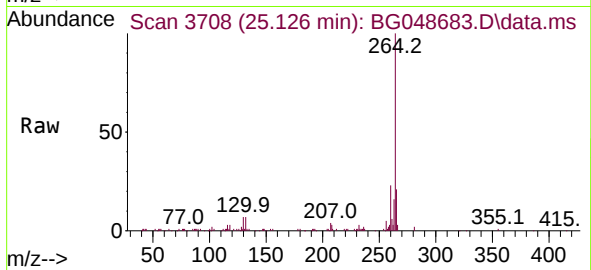
Tgt Ion:244 Resp: 680274
Ion Ratio Lower Upper
244 100
212 8.5 6.0 9.0
122 6.7 5.8 8.6





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.126 min Scan# 3708
 Delta R.T. -0.019 min
 Lab File: BG048683.D
 Acq: 13 Apr 2021 21:03

Instrument :
 BNA_G
 ClientSampleId :
 EB 2021-04-06_SO



Tgt Ion:	264	Resp:	133145
Ion Ratio	Lower	Upper	
264	100		
260	23.5	19.1	28.7
265	21.4	16.1	24.1

