

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030421\
 Data File : BG048334.D
 Acq On : 4 Mar 2021 18:47
 Operator : CG/JU
 Sample : M1545-07
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MH-J

Quant Time: Mar 04 23:27:54 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG021021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 03 16:40:27 2021
 Response via : Initial Calibration

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

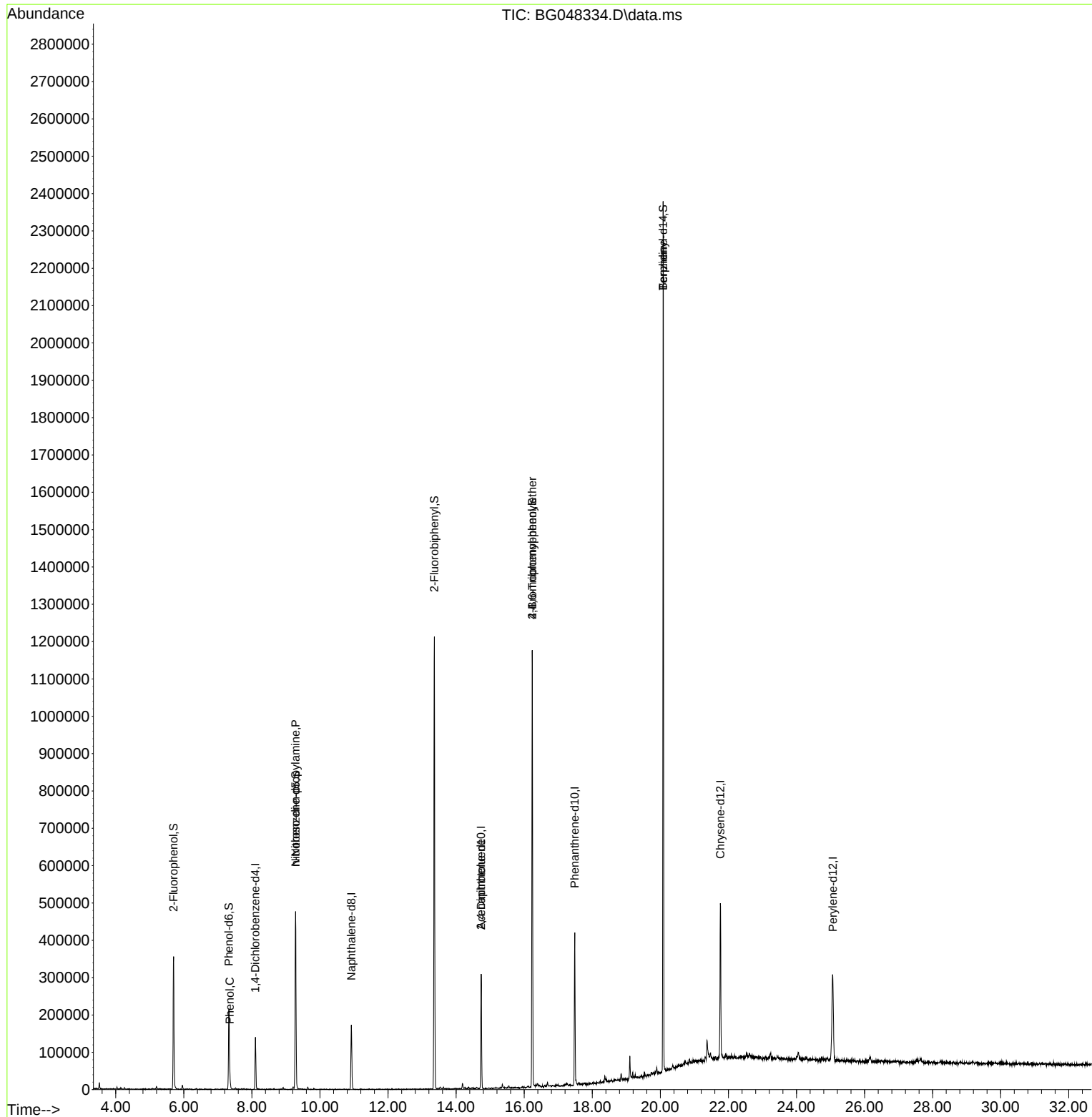
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.102	152	37376	20.00	ng	0.00
21) Naphthalene-d8	10.922	136	143399	20.00	ng	# 0.00
39) Acenaphthene-d10	14.736	164	105125	20.00	ng	0.00
64) Phenanthrene-d10	17.485	188	253449	20.00	ng	# 0.00
76) Chrysene-d12	21.763	240	269076	20.00	ng	# 0.00
86) Perylene-d12	25.065	264	263981	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.699	112	139748	63.64	ng	0.01
7) Phenol-d6	7.321	99	118920	35.65	ng	0.00
23) Nitrobenzene-d5	9.283	82	305995	90.26	ng	0.00
42) 2,4,6-Tribromophenol	16.240	330	217205	129.18	ng	0.00
45) 2-Fluorobiphenyl	13.361	172	644767	85.99	ng	0.00
79) Terphenyl-d14	20.082	244	995821	67.63	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	7.350	94	12845	3.81	ng	# 66
19) n-Nitroso-di-n-propyla...	9.283	70	46723	18.15	ng	# 79
57) 2,4-Dinitrotoluene	14.736	165	13170	4.62	ng	# 34
67) 4-Bromophenyl-phenylether	16.240	248	15620	4.81	ng	# 1
77) Benzidine	20.082	184	19182	2.18	ng	# 91

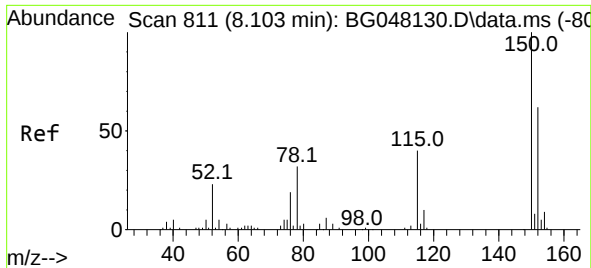
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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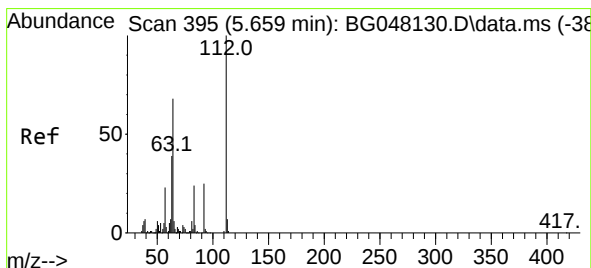
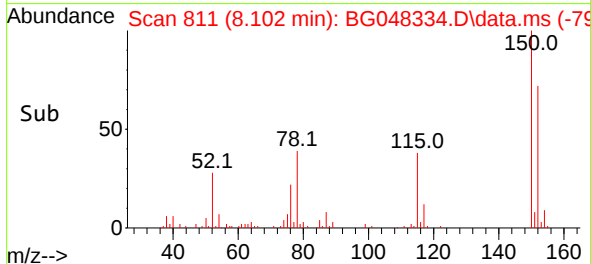
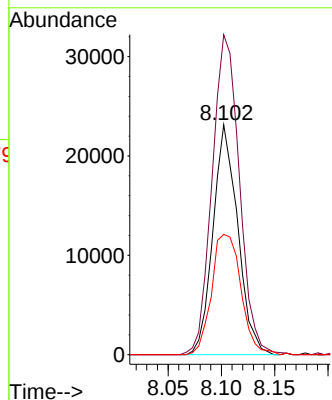
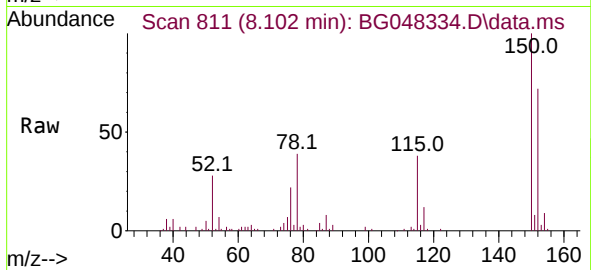




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.102 min Scan# 811
Delta R.T. 0.000 min
Lab File: BG048334.D
Acq: 4 Mar 2021 18:47

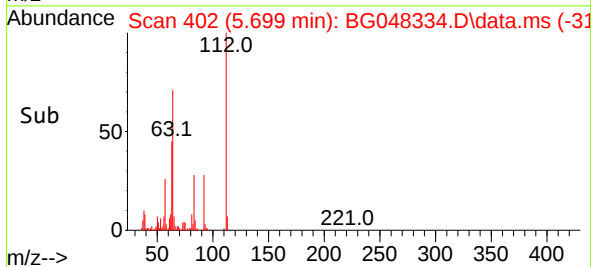
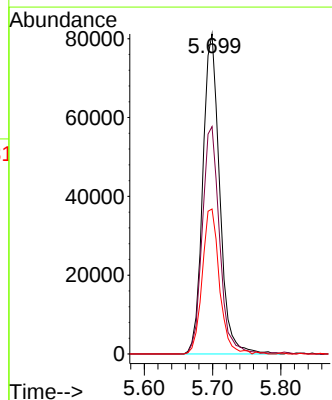
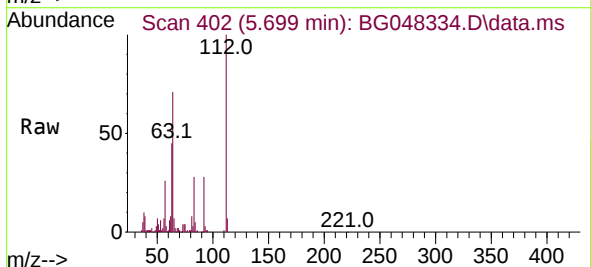
Instrument :
BNA_G
ClientSampled :
MH-J

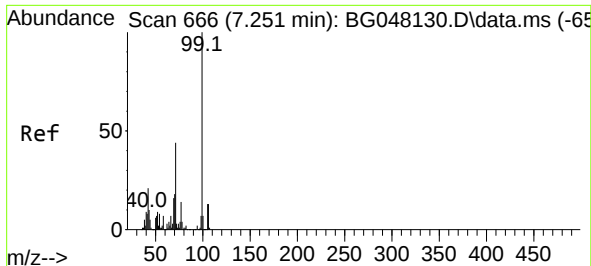
Tgt Ion:152 Resp: 37376
Ion Ratio Lower Upper
152 100
150 139.2 125.0 187.6
115 52.3 41.8 62.6



#5
2-Fluorophenol
Concen: 63.64 ng
RT: 5.699 min Scan# 402
Delta R.T. 0.012 min
Lab File: BG048334.D
Acq: 4 Mar 2021 18:47

Tgt Ion:112 Resp: 139748
Ion Ratio Lower Upper
112 100
64 71.1 46.7 70.1#
63 45.3 22.8 34.2#

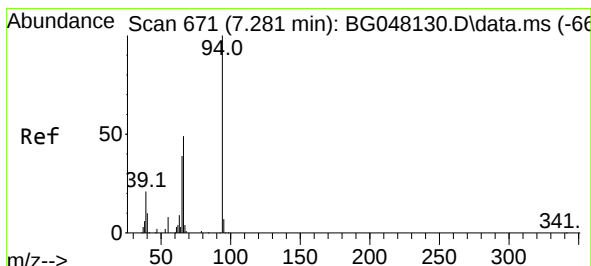
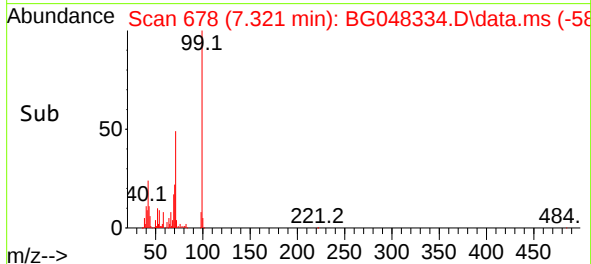
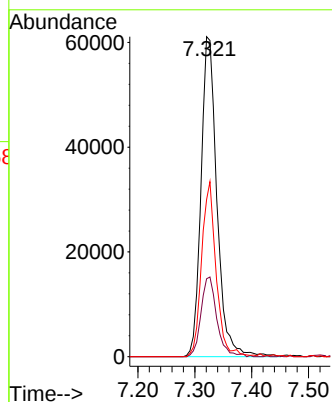
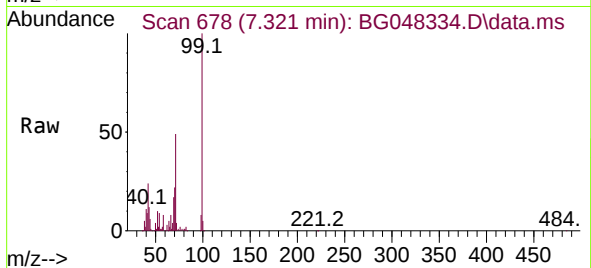




#7
Phenol-d6
Concen: 35.65 ng
RT: 7.321 min Scan# 678
Delta R.T. 0.006 min
Lab File: BG048334.D
Acq: 4 Mar 2021 18:47

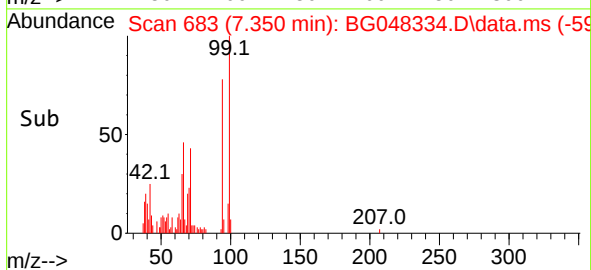
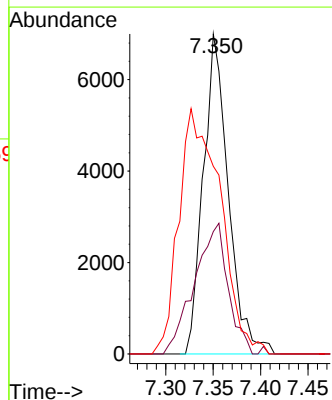
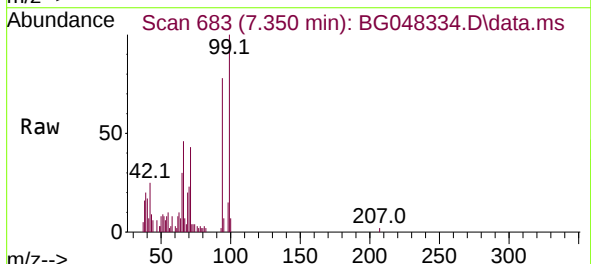
Instrument :
BNA_G
ClientSampled :
MH-J

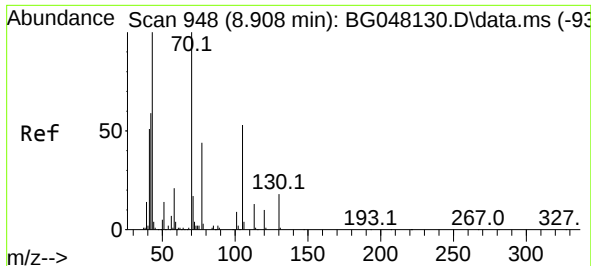
Tgt Ion: 99 Resp: 118920
Ion Ratio Lower Upper
99 100
42 24.3 12.8 19.2#
71 49.1 24.6 36.8#



#10
Phenol
Concen: 3.81 ng
RT: 7.350 min Scan# 683
Delta R.T. 0.012 min
Lab File: BG048334.D
Acq: 4 Mar 2021 18:47

Tgt Ion: 94 Resp: 12845
Ion Ratio Lower Upper
94 100
65 38.2 6.6 46.6
66 58.7 13.9 53.9#

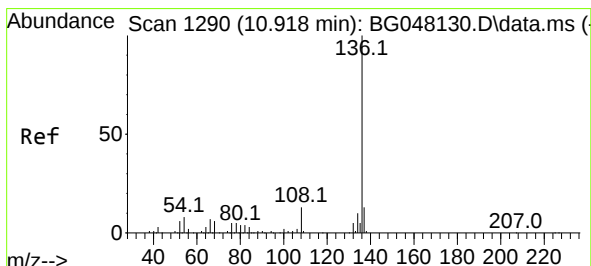
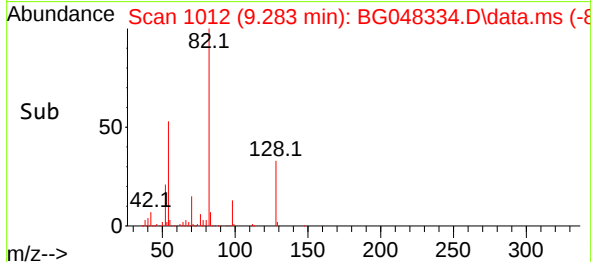
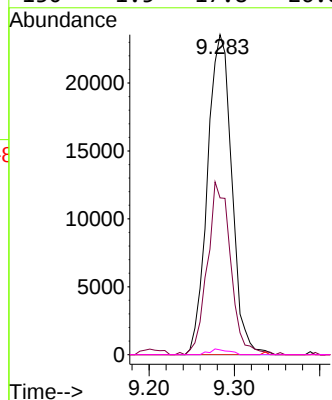
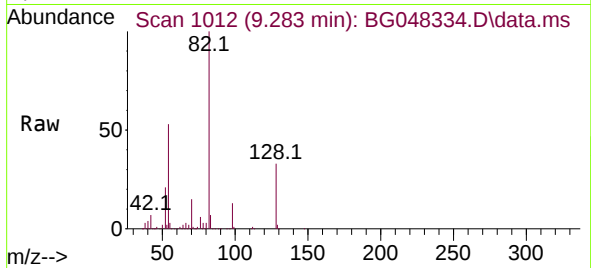




#19
n-Nitroso-di-n-propylamine
Concen: 18.15 ng
RT: 9.283 min Scan# 1012
Delta R.T. 0.364 min
Lab File: BG048334.D
Acq: 4 Mar 2021 18:47

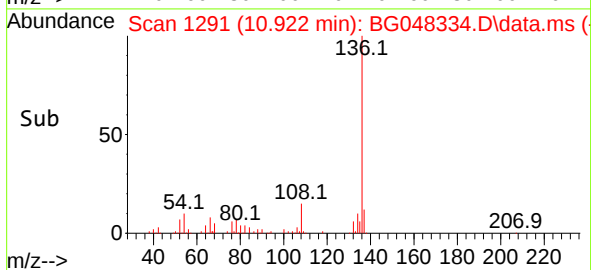
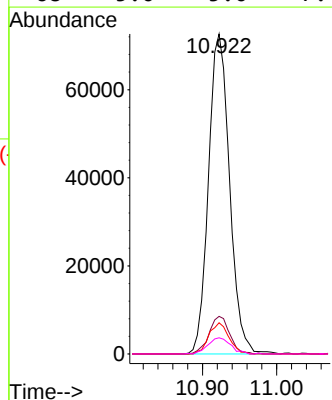
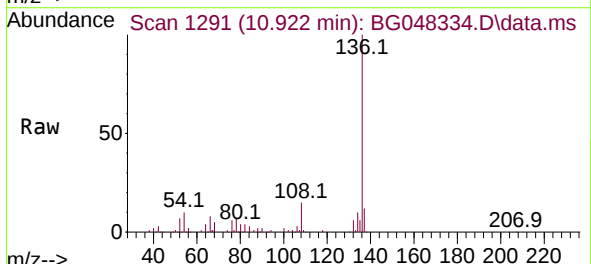
Instrument :
BNA_G
ClientSampled :
MH-J

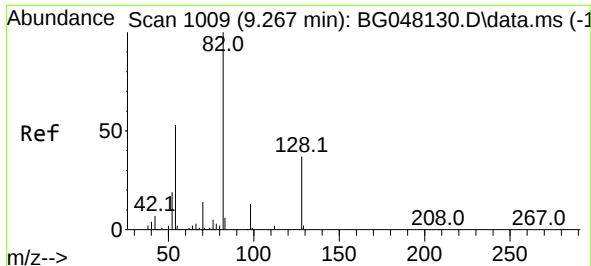
Tgt Ion: 70	Resp: 46723
Ion Ratio	Lower Upper
70 100	
42 49.0	45.6 68.4
101 0.0	8.4 12.6#
130 1.5	17.8 26.8#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.922 min Scan# 1291
Delta R.T. 0.000 min
Lab File: BG048334.D
Acq: 4 Mar 2021 18:47

Tgt Ion: 136	Resp: 143399
Ion Ratio	Lower Upper
136 100	
137 11.7	9.1 13.7
54 9.7	6.2 9.4#
68 5.0	5.0 7.4





#23

Nitrobenzene-d5

Concen: 90.26 ng

RT: 9.283 min Scan# 1012

Delta R.T. 0.000 min

Lab File: BG048334.D

Acq: 4 Mar 2021 18:47

Tgt Ion: 82 Resp: 305995

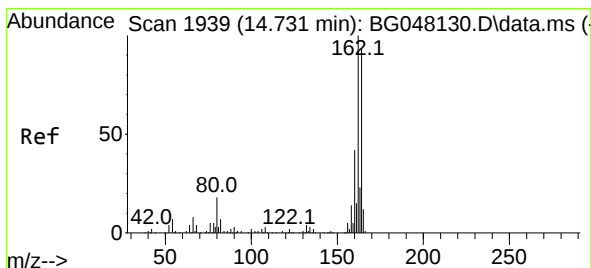
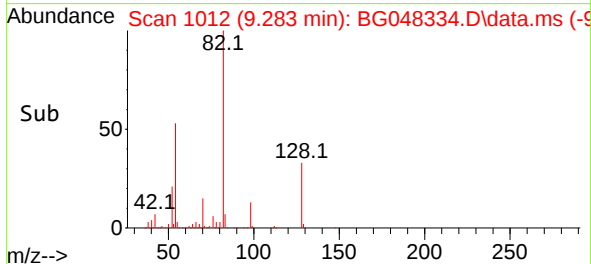
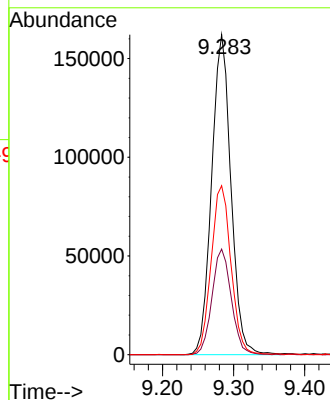
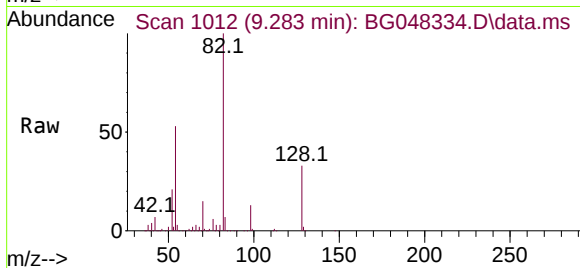
Ion	Ratio	Lower	Upper
82	100		
128	33.0	37.0	55.6#
54	52.8	39.0	58.4

Instrument :

BNA_G

ClientSampled :

MH-J



#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.736 min Scan# 1940

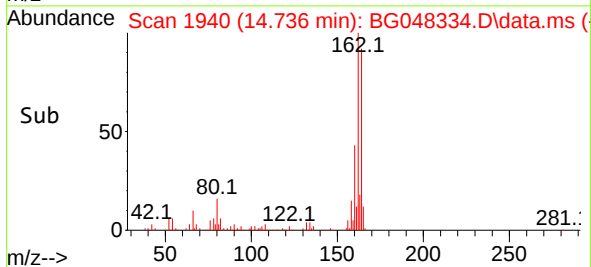
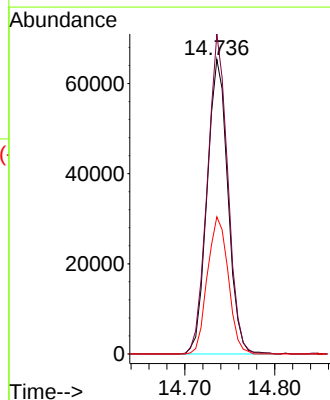
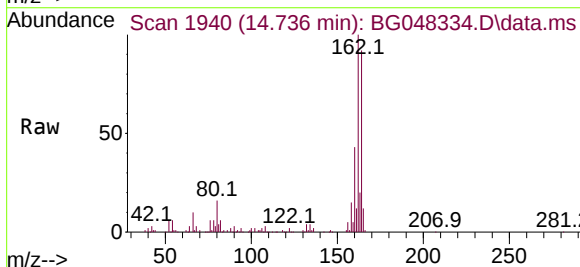
Delta R.T. 0.000 min

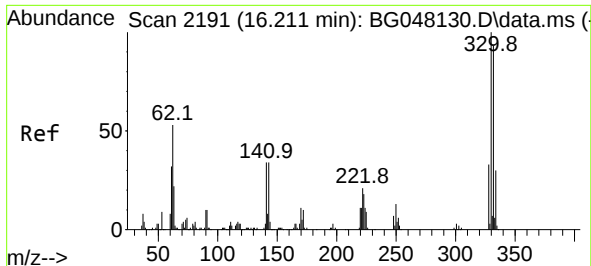
Lab File: BG048334.D

Acq: 4 Mar 2021 18:47

Tgt Ion:164 Resp: 105125

Ion	Ratio	Lower	Upper
164	100		
162	108.6	82.3	123.5
160	46.6	35.3	52.9

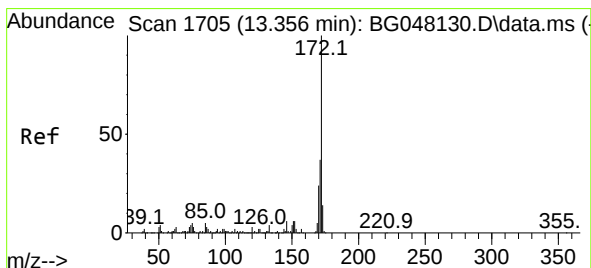
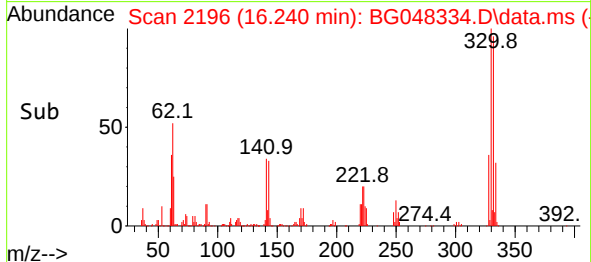
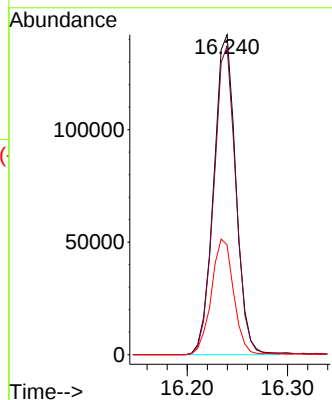
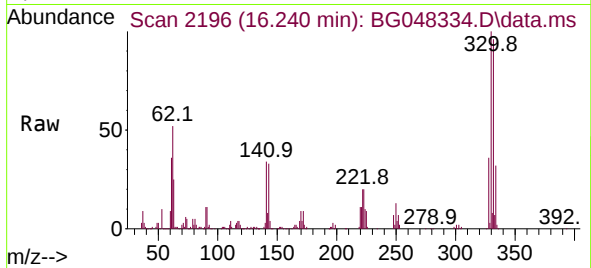




#42
2,4,6-Tribromophenol
Concen: 129.18 ng
RT: 16.240 min Scan# 2196
Delta R.T. 0.000 min
Lab File: BG048334.D
Acq: 4 Mar 2021 18:47

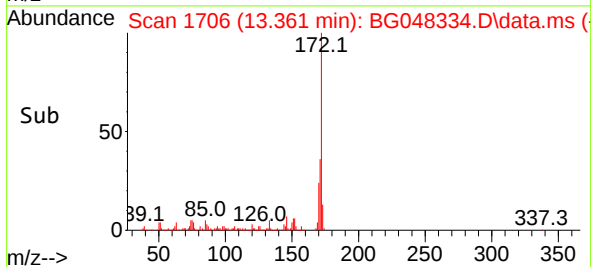
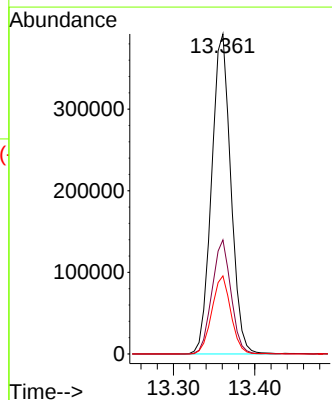
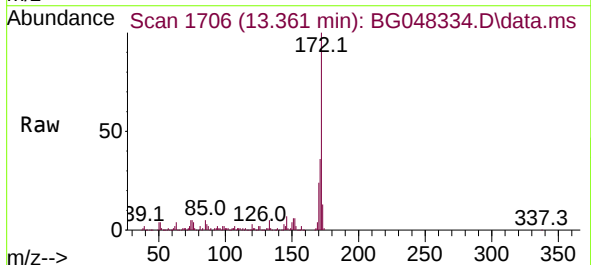
Instrument :
BNA_G
ClientSampleId :
MH-J

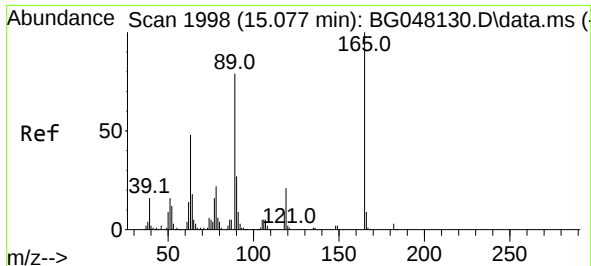
Tgt Ion:330 Resp: 217205
Ion Ratio Lower Upper
330 100
332 96.6 76.5 114.7
141 36.7 26.0 39.0



#45
2-Fluorobiphenyl
Concen: 85.99 ng
RT: 13.361 min Scan# 1706
Delta R.T. 0.000 min
Lab File: BG048334.D
Acq: 4 Mar 2021 18:47

Tgt Ion:172 Resp: 644767
Ion Ratio Lower Upper
172 100
171 35.7 31.3 46.9
170 24.4 20.8 31.2

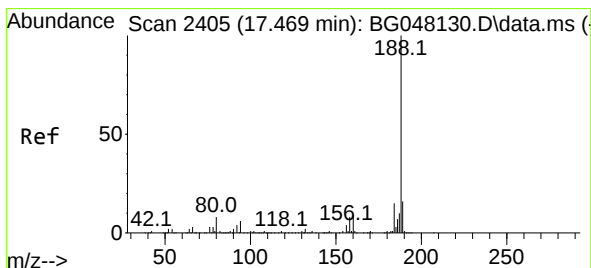
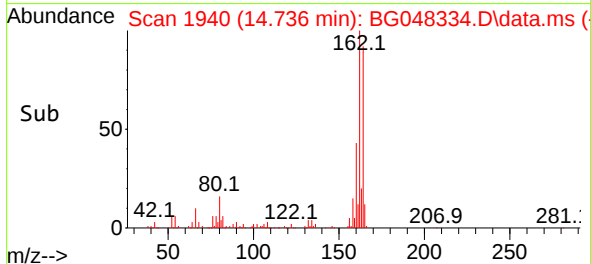
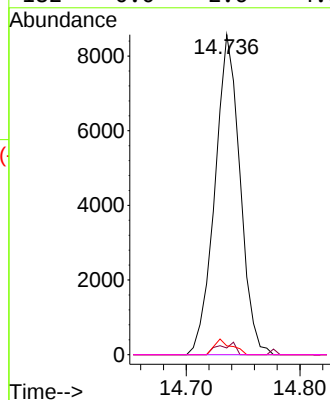
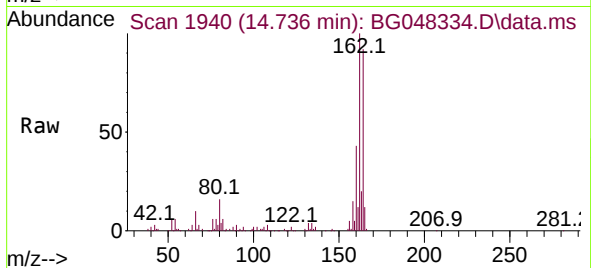




#57
2,4-Dinitrotoluene
Concen: 4.62 ng
RT: 14.736 min Scan# 1940
Delta R.T. -0.382 min
Lab File: BG048334.D
Acq: 4 Mar 2021 18:47

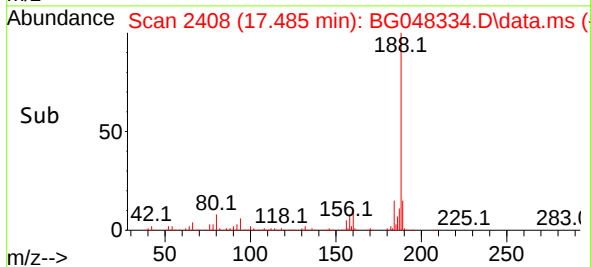
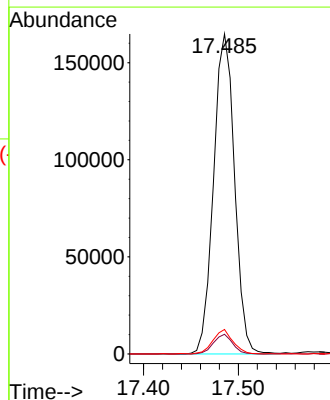
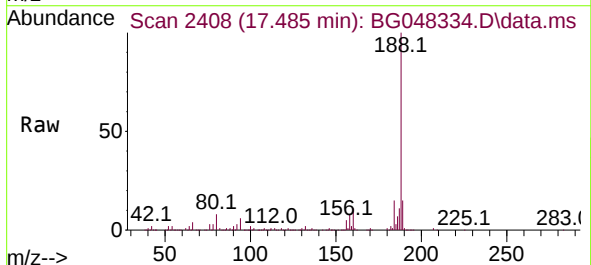
Instrument :
BNA_G
ClientSampleId :
MH-J

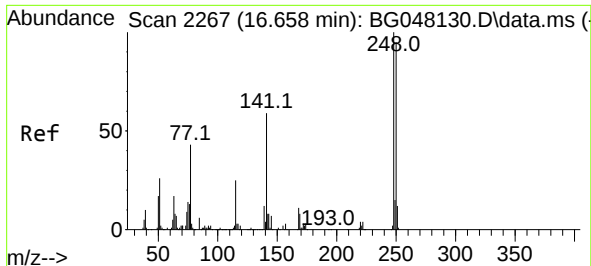
Tgt Ion:165 Resp: 13170
Ion Ratio Lower Upper
165 100
63 2.1 26.4 39.6#
89 2.8 47.8 71.8#
182 0.0 2.6 4.0#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.485 min Scan# 2408
Delta R.T. 0.000 min
Lab File: BG048334.D
Acq: 4 Mar 2021 18:47

Tgt Ion:188 Resp: 253449
Ion Ratio Lower Upper
188 100
94 6.1 6.3 9.5#
80 7.7 7.0 10.6

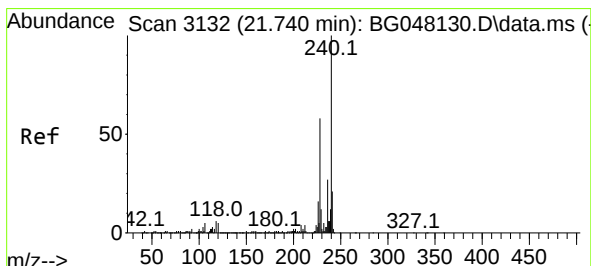
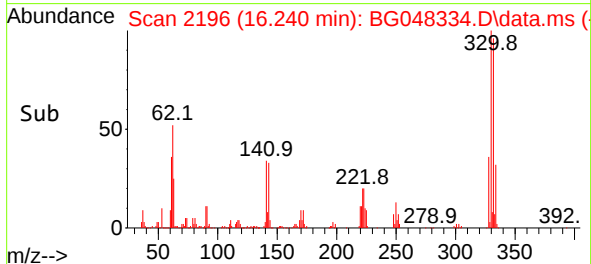
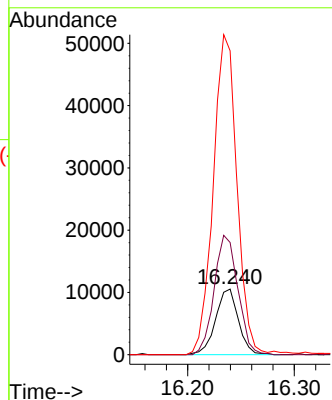
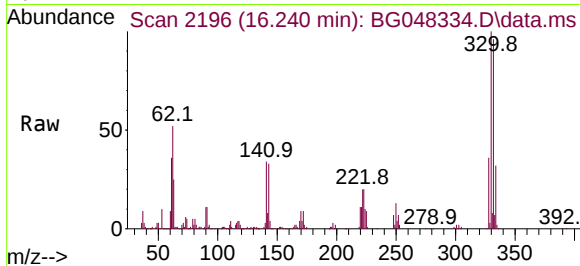




#67
4-Bromophenyl-phenylether
Concen: 4.81 ng
RT: 16.240 min Scan# 2196
Delta R.T. -0.429 min
Lab File: BG048334.D
Acq: 4 Mar 2021 18:47

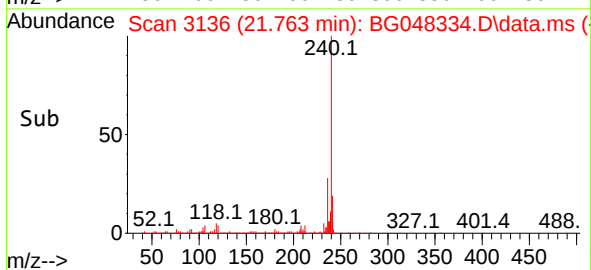
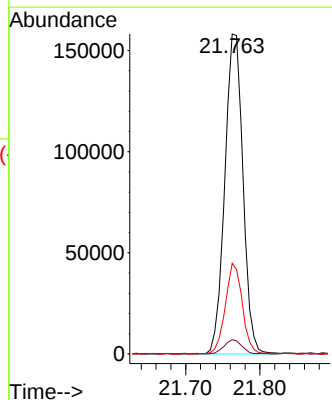
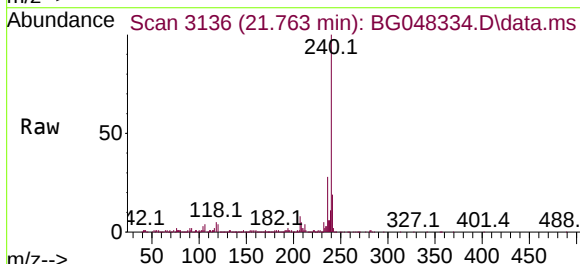
Instrument :
BNA_G
ClientSampled :
MH-J

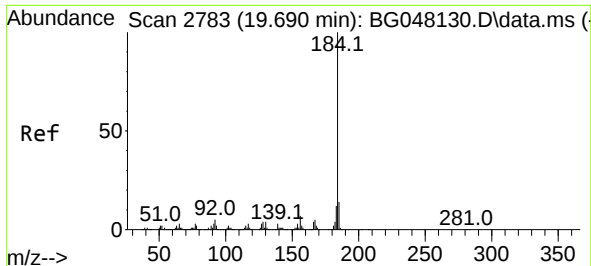
Tgt Ion:248 Resp: 15620
Ion Ratio Lower Upper
248 100
250 171.0 78.9 118.3#
141 463.3 46.2 69.4#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.763 min Scan# 3136
Delta R.T. -0.006 min
Lab File: BG048334.D
Acq: 4 Mar 2021 18:47

Tgt Ion:240 Resp: 269076
Ion Ratio Lower Upper
240 100
120 4.5 6.2 9.4#
236 28.3 20.5 30.7

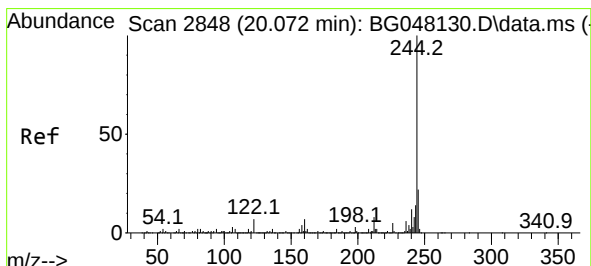
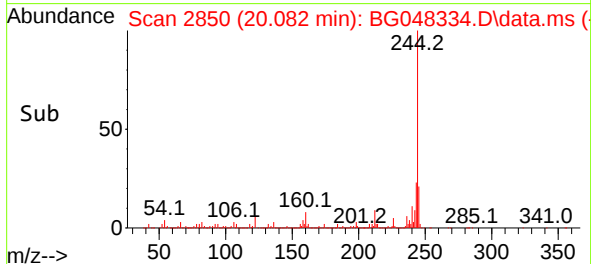
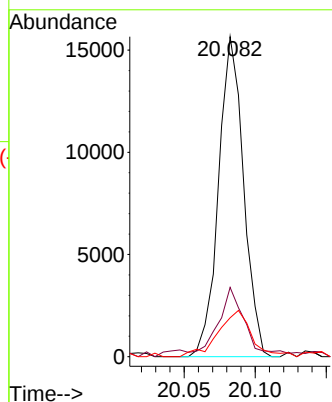
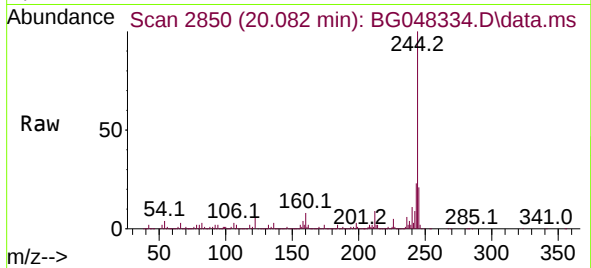




#77
Benzidine
Concen: 2.18 ng
RT: 20.082 min Scan# 2850
Delta R.T. 0.364 min
Lab File: BG048334.D
Acq: 4 Mar 2021 18:47

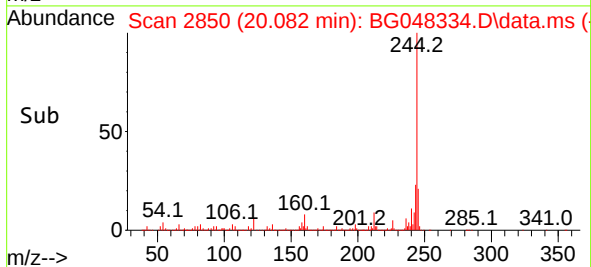
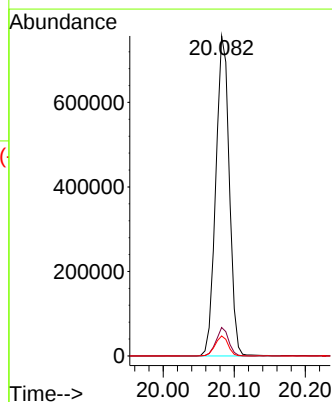
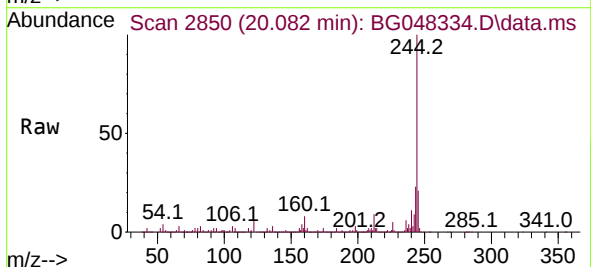
Instrument :
BNA_G
ClientSampled :
MH-J

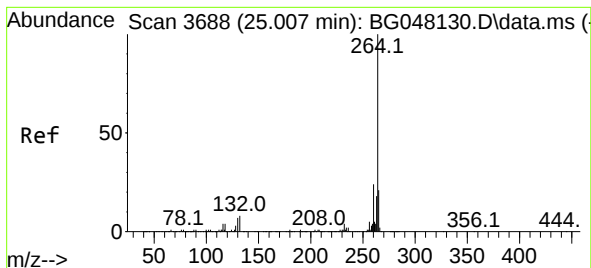
Tgt Ion:184 Resp: 19182
Ion Ratio Lower Upper
184 100
185 21.7 12.4 18.6#
183 12.1 10.6 15.8



#79
Terphenyl-d14
Concen: 67.63 ng
RT: 20.082 min Scan# 2850
Delta R.T. 0.000 min
Lab File: BG048334.D
Acq: 4 Mar 2021 18:47

Tgt Ion:244 Resp: 995821
Ion Ratio Lower Upper
244 100
212 8.9 6.7 10.1
122 6.3 7.8 11.6#





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.065 min Scan# 3698
 Delta R.T. 0.000 min
 Lab File: BG048334.D
 Acq: 4 Mar 2021 18:47

Instrument :
 BNA_G
 ClientSampleId :
 MH-J

Tgt Ion:264 Resp: 263981
 Ion Ratio Lower Upper
 264 100
 260 24.8 18.8 28.2
 265 20.8 17.8 26.8

