

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030421\
 Data File : BG048324.D
 Acq On : 4 Mar 2021 11:02
 Operator : CG/JU
 Sample : PB134924BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB134924BL

Quant Time: Mar 04 11:37:06 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)

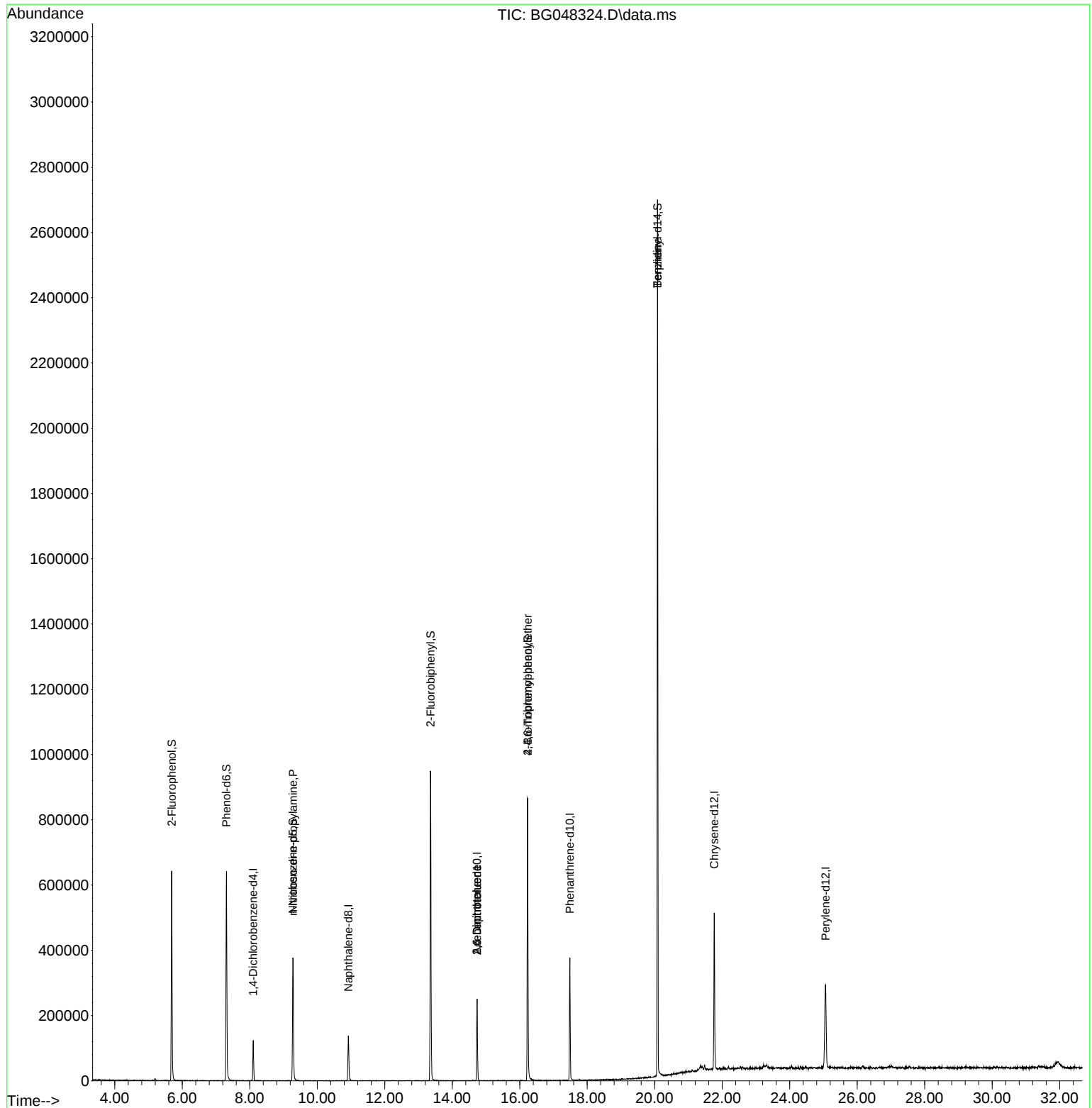
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.103	152	30935	20.00	ng	0.00
21) Naphthalene-d8	10.924	136	123084	20.00	ng	# 0.00
39) Acenaphthene-d10	14.737	164	91861	20.00	ng	0.00
64) Phenanthrene-d10	17.487	188	248015	20.00	ng	# 0.00
76) Chrysene-d12	21.764	240	296751	20.00	ng	# 0.00
86) Perylene-d12	25.060	264	284472	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.689	112	250471	137.82	ng	0.00
7) Phenol-d6	7.310	99	346553	125.51	ng	0.00
23) Nitrobenzene-d5	9.279	82	252332	86.72	ng	0.00
42) 2,4,6-Tribromophenol	16.235	330	175031	119.12	ng	0.00
45) 2-Fluorobiphenyl	13.356	172	544855	83.15	ng	0.00
79) Terphenyl-d14	20.084	244	1202903	74.07	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.284	70	40091	18.81	ng	# 76
51) 2,6-Dinitrotoluene	14.737	165	12221	7.08	ng	# 32
57) 2,4-Dinitrotoluene	14.737	165	12221	4.90	ng	# 30
67) 4-Bromophenyl-phenylether	16.235	248	11944	3.76	ng	# 1
77) Benzidine	20.084	184	23250	2.40	ng	94

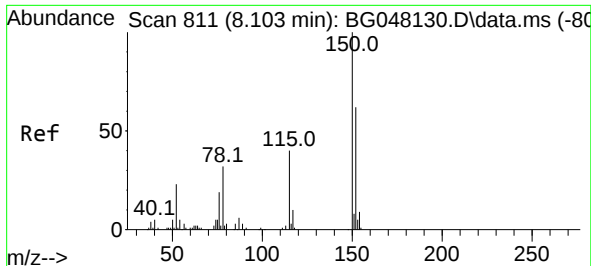
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Mar 03 16:40:27 2021
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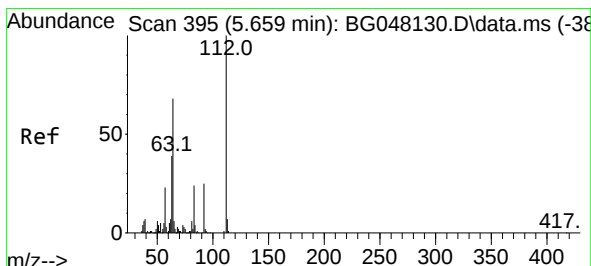
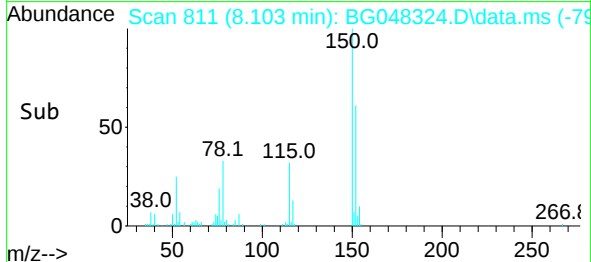
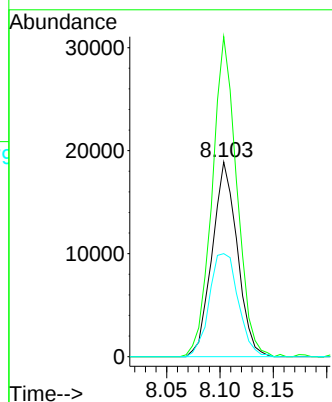
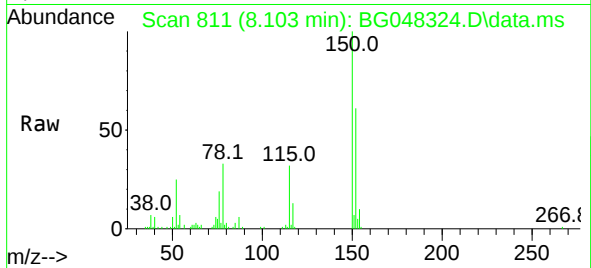




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.103 min Scan# 811
Delta R.T. 0.001 min
Lab File: BG048324.D
Acq: 4 Mar 2021 11:02

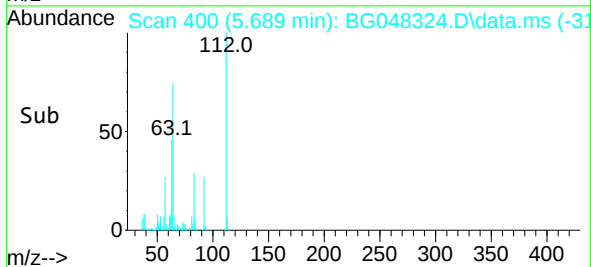
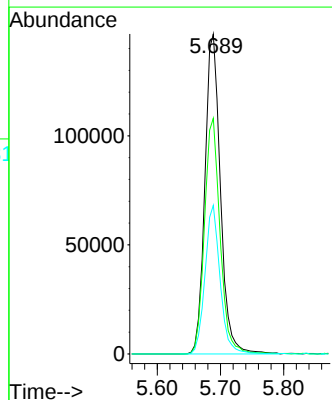
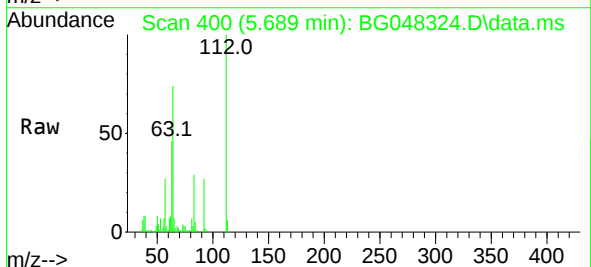
Instrument :
BNA_G
ClientSampleId :
PB134924BL

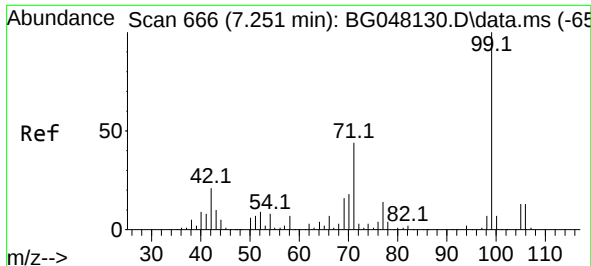
Tgt Ion:152 Resp: 30935
Ion Ratio Lower Upper
152 100
150 164.4 125.0 187.6
115 52.9 41.8 62.6



#5
2-Fluorophenol
Concen: 137.82 ng
RT: 5.689 min Scan# 400
Delta R.T. 0.001 min
Lab File: BG048324.D
Acq: 4 Mar 2021 11:02

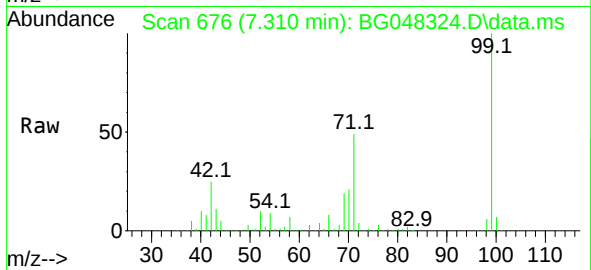
Tgt Ion:112 Resp: 250471
Ion Ratio Lower Upper
112 100
64 73.7 46.7 70.1#
63 46.4 22.8 34.2#



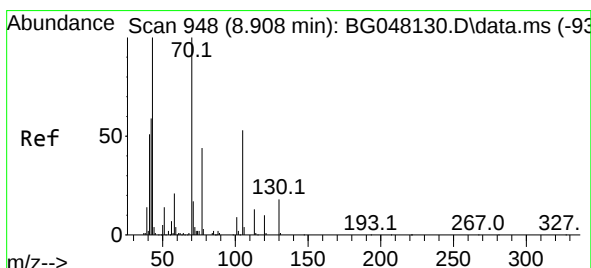
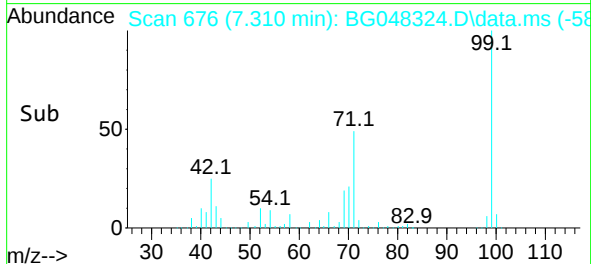
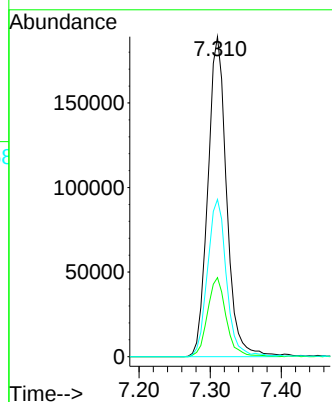


#7
Phenol-d6
Concen: 125.51 ng
RT: 7.310 min Scan# 676
Delta R.T. -0.005 min
Lab File: BG048324.D
Acq: 4 Mar 2021 11:02

Instrument :
BNA_G
ClientSampleId :
PB134924BL

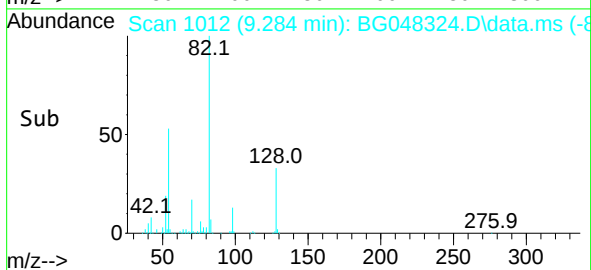
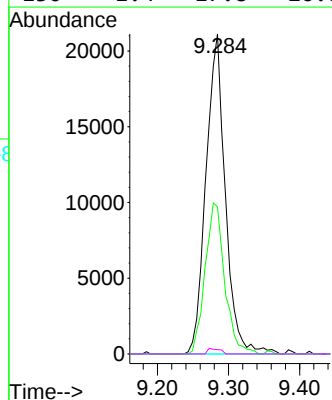
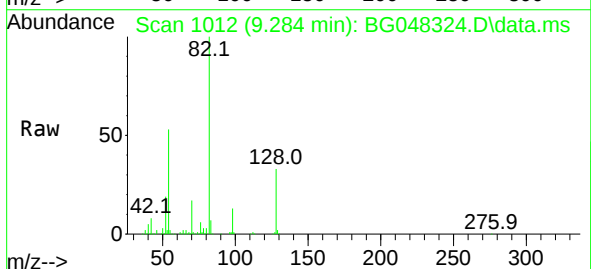


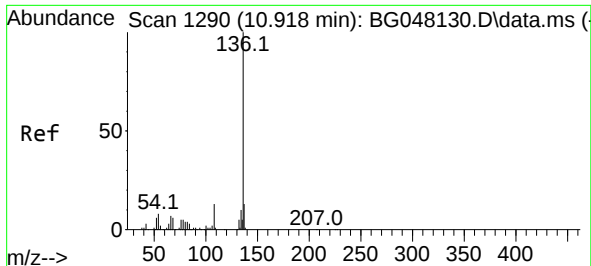
Tgt Ion: 99 Resp: 346553
Ion Ratio Lower Upper
99 100
42 24.7 12.8 19.2#
71 49.2 24.6 36.8#



#19
n-Nitroso-di-n-propylamine
Concen: 18.81 ng
RT: 9.284 min Scan# 1012
Delta R.T. 0.366 min
Lab File: BG048324.D
Acq: 4 Mar 2021 11:02

Tgt Ion: 70 Resp: 40091
Ion Ratio Lower Upper
70 100
42 46.0 45.6 68.4
101 0.0 8.4 12.6#
130 1.4 17.8 26.8#

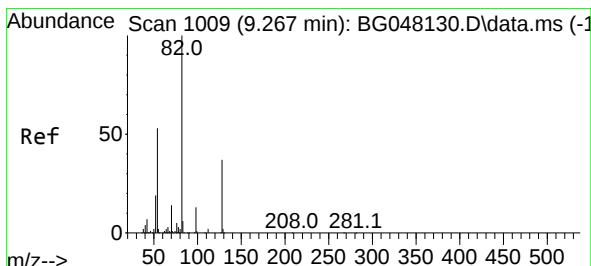
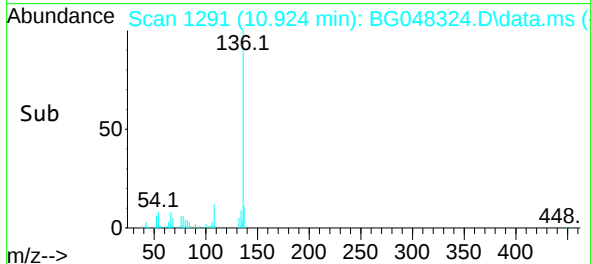
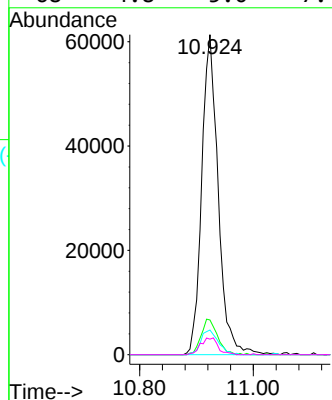
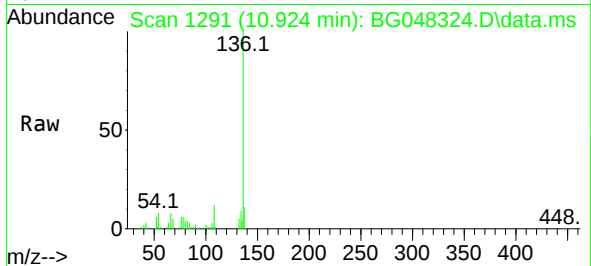




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.924 min Scan# 1291
Delta R.T. 0.001 min
Lab File: BG048324.D
Acq: 4 Mar 2021 11:02

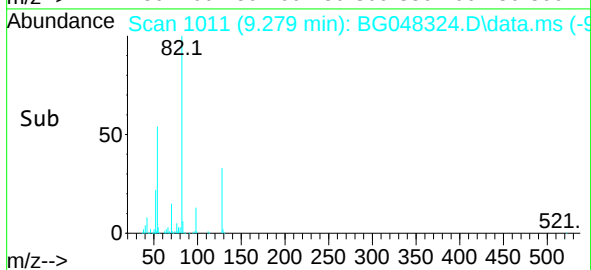
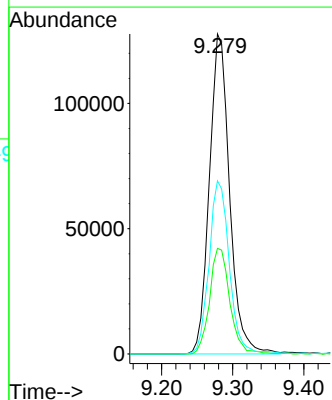
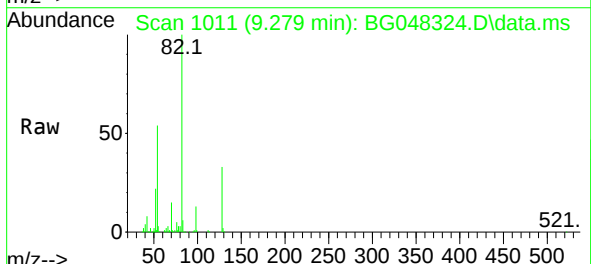
Instrument :
BNA_G
ClientSampleId :
PB134924BL

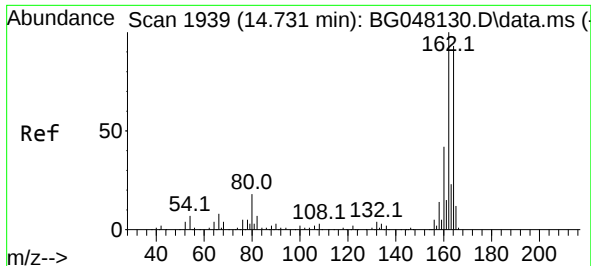
Tgt Ion:	136	Resp:	123084
Ion Ratio	Lower	Upper	
136	100		
137	10.8	9.1	13.7
54	7.7	6.2	9.4
68	4.8	5.0	7.4



#23
Nitrobenzene-d5
Concen: 86.72 ng
RT: 9.279 min Scan# 1011
Delta R.T. -0.005 min
Lab File: BG048324.D
Acq: 4 Mar 2021 11:02

Tgt Ion:	82	Resp:	252332
Ion Ratio	Lower	Upper	
82	100		
128	33.0	37.0	55.6
54	54.1	39.0	58.4

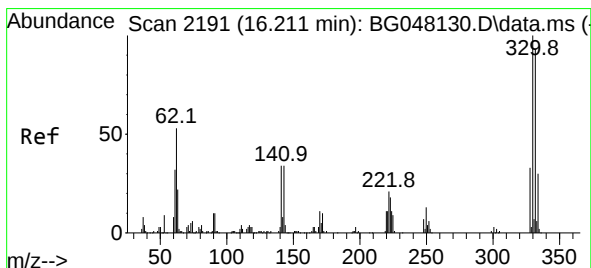
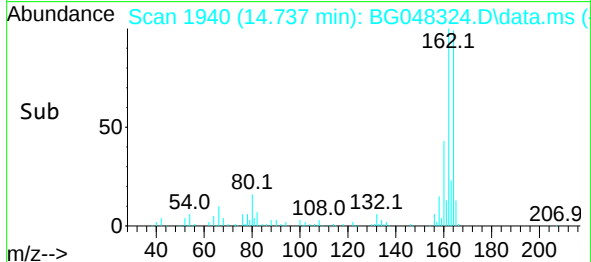
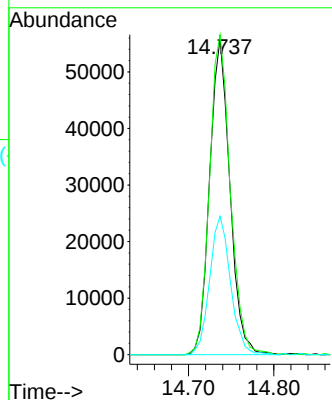
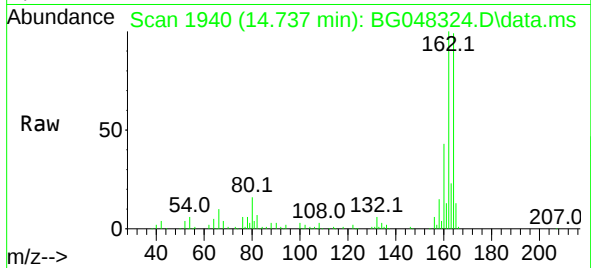




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.737 min Scan# 1940
Delta R.T. 0.001 min
Lab File: BG048324.D
Acq: 4 Mar 2021 11:02

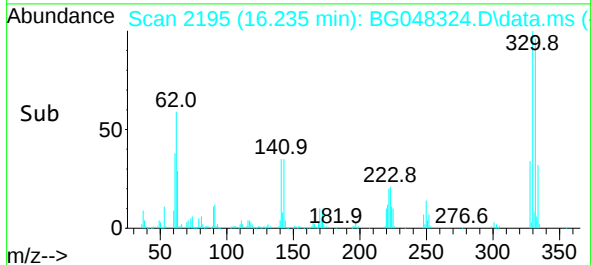
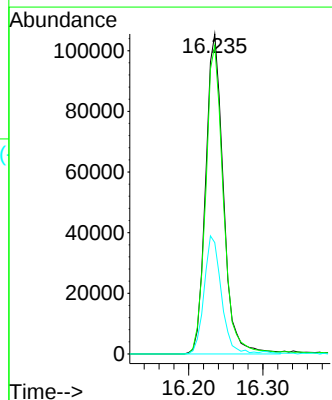
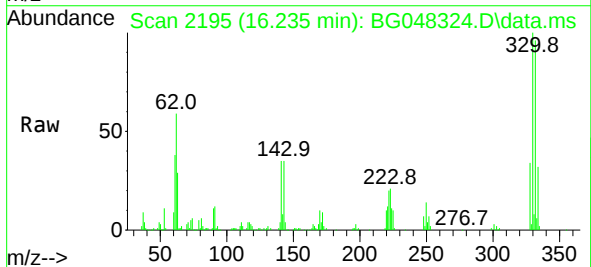
Instrument :
BNA_G
ClientSampleId :
PB134924BL

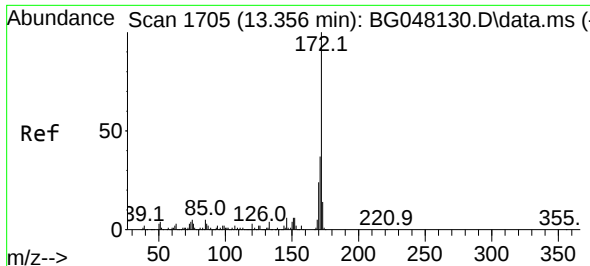
Tgt Ion:164 Resp: 91861
Ion Ratio Lower Upper
164 100
162 101.3 82.3 123.5
160 43.8 35.3 52.9



#42
2,4,6-Tribromophenol
Concen: 119.12 ng
RT: 16.235 min Scan# 2195
Delta R.T. -0.005 min
Lab File: BG048324.D
Acq: 4 Mar 2021 11:02

Tgt Ion:330 Resp: 175031
Ion Ratio Lower Upper
330 100
332 95.9 76.5 114.7
141 35.9 26.0 39.0

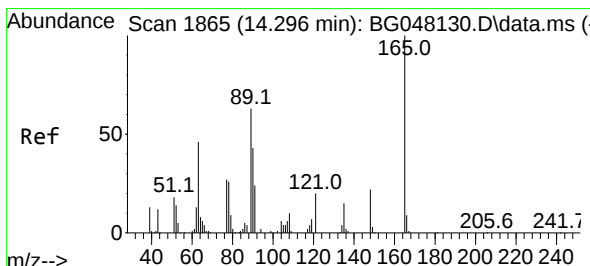
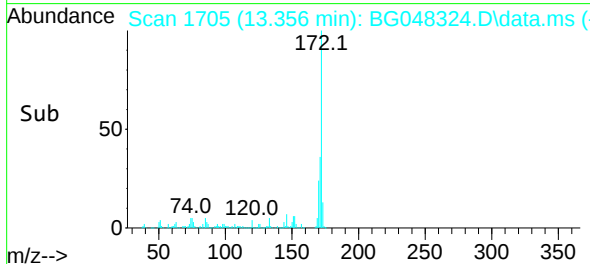
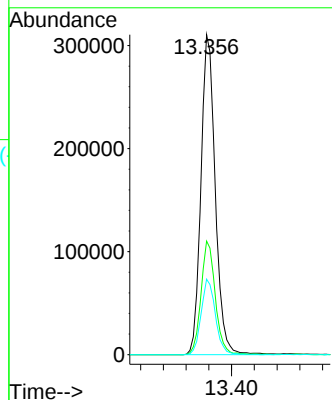
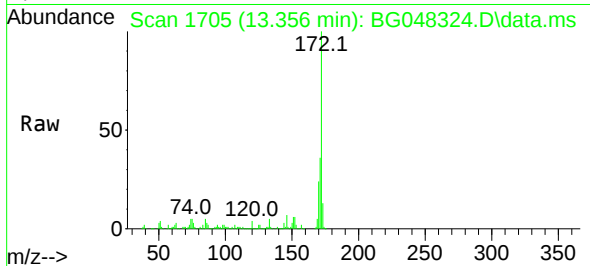




#45
2-Fluorobiphenyl
Concen: 83.15 ng
RT: 13.356 min Scan# 1705
Delta R.T. -0.004 min
Lab File: BG048324.D
Acq: 4 Mar 2021 11:02

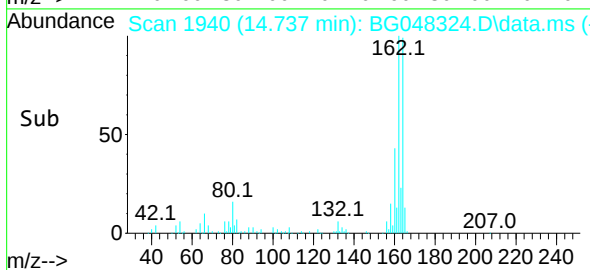
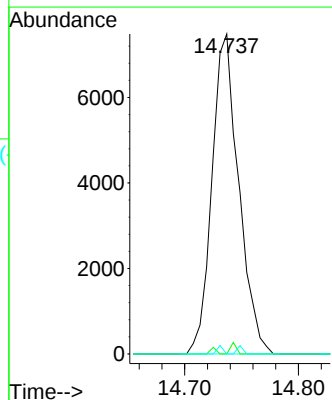
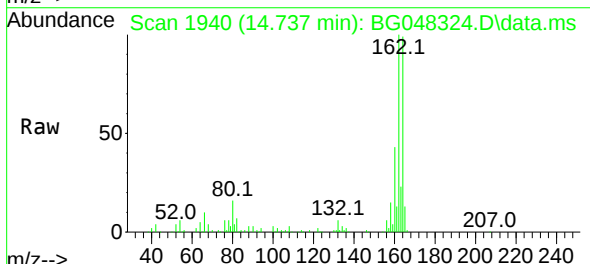
Instrument :
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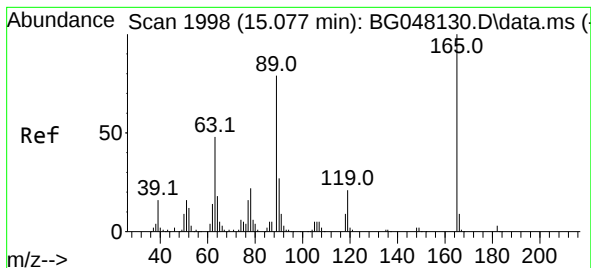
Tgt Ion:172 Resp: 544855
Ion Ratio Lower Upper
172 100
171 35.5 31.3 46.9
170 23.6 20.8 31.2



#51
2,6-Dinitrotoluene
Concen: 7.08 ng
RT: 14.737 min Scan# 1940
Delta R.T. 0.413 min
Lab File: BG048324.D
Acq: 4 Mar 2021 11:02

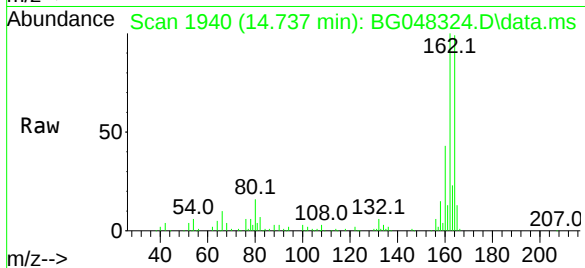
Tgt Ion:165 Resp: 12221
Ion Ratio Lower Upper
165 100
63 0.0 33.7 50.5#
89 0.0 36.6 54.8#



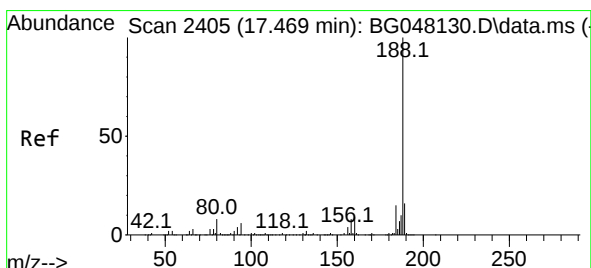
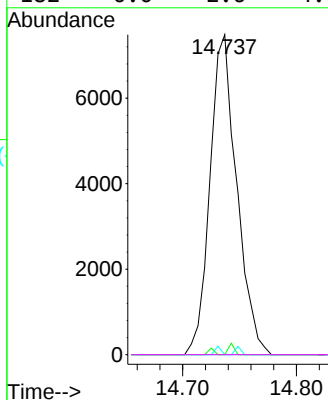
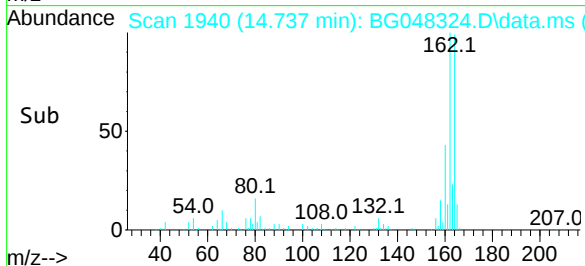


#57
2,4-Dinitrotoluene
Concen: 4.90 ng
RT: 14.737 min Scan# 1940
Delta R.T. -0.381 min
Lab File: BG048324.D
Acq: 4 Mar 2021 11:02

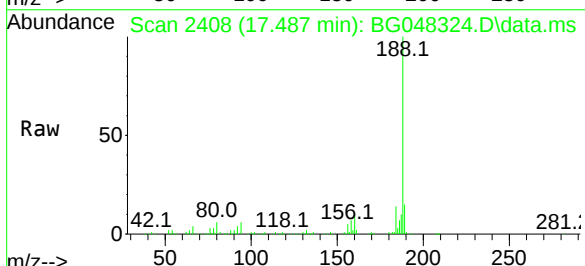
Instrument :
BNA_G
ClientSampleId :
PB134924BL



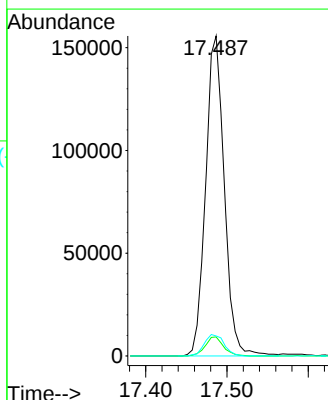
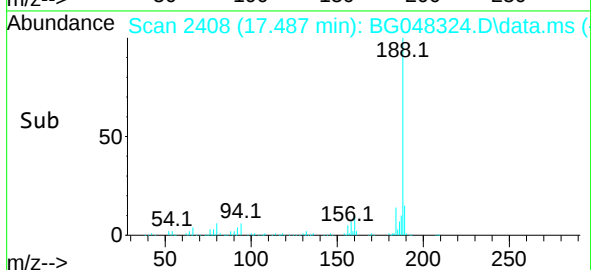
Tgt Ion:165 Resp: 12221
Ion Ratio Lower Upper
165 100
63 0.0 26.4 39.6#
89 0.0 47.8 71.8#
182 0.0 2.6 4.0#

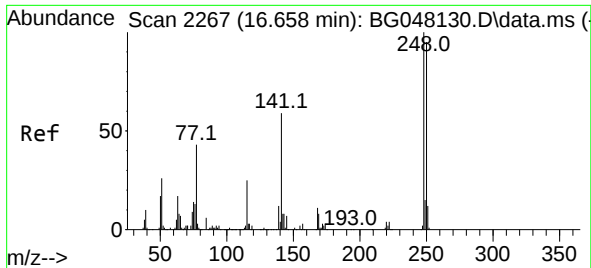


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.487 min Scan# 2408
Delta R.T. 0.001 min
Lab File: BG048324.D
Acq: 4 Mar 2021 11:02



Tgt Ion:188 Resp: 248015
Ion Ratio Lower Upper
188 100
94 6.0 6.3 9.5#
80 6.3 7.0 10.6#

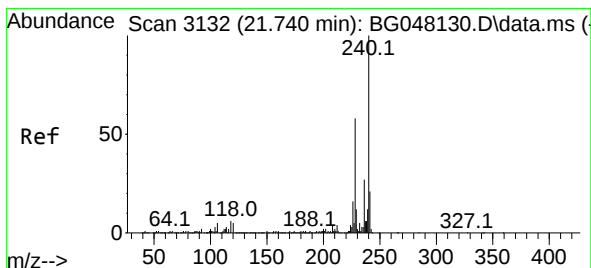
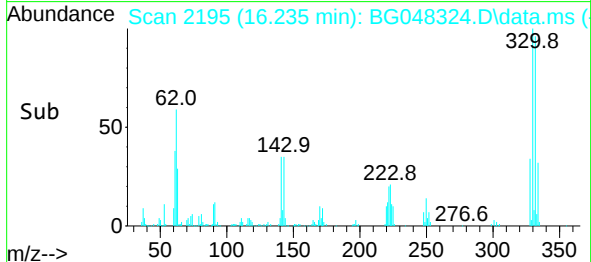
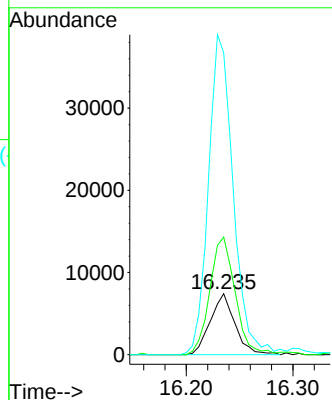
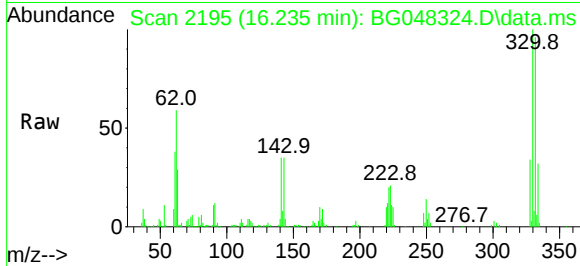




#67
4-Bromophenyl-phenylether
Concen: 3.76 ng
RT: 16.235 min Scan# 2195
Delta R.T. -0.433 min
Lab File: BG048324.D
Acq: 4 Mar 2021 11:02

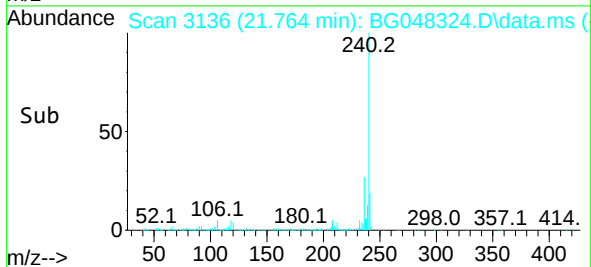
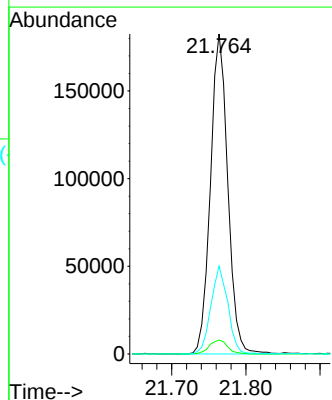
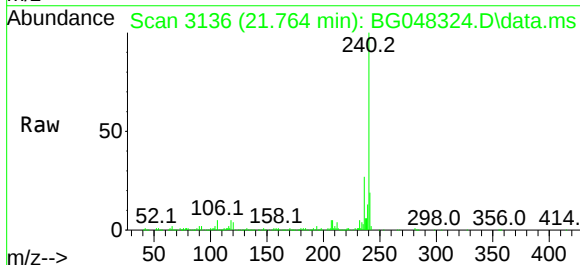
Instrument :
BNA_G
ClientSampleId :
PB134924BL

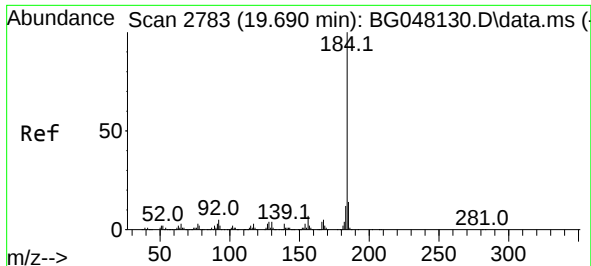
Tgt Ion:248 Resp: 11944
Ion Ratio Lower Upper
248 100
250 193.0 78.9 118.3#
141 495.0 46.2 69.4#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.764 min Scan# 3136
Delta R.T. -0.005 min
Lab File: BG048324.D
Acq: 4 Mar 2021 11:02

Tgt Ion:240 Resp: 296751
Ion Ratio Lower Upper
240 100
120 4.4 6.2 9.4#
236 27.5 20.5 30.7

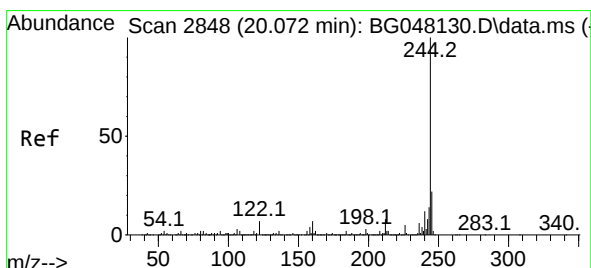
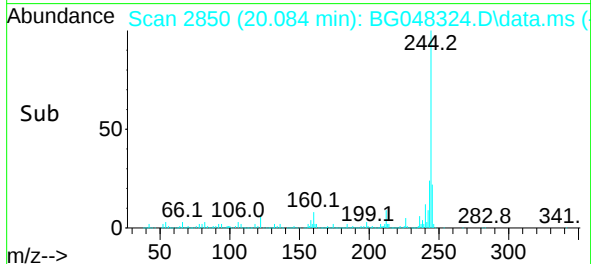
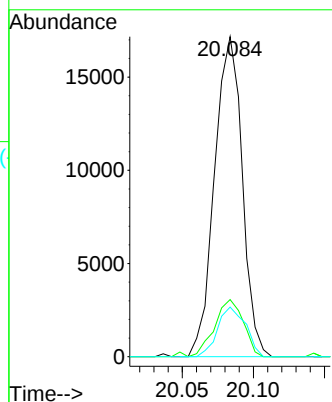
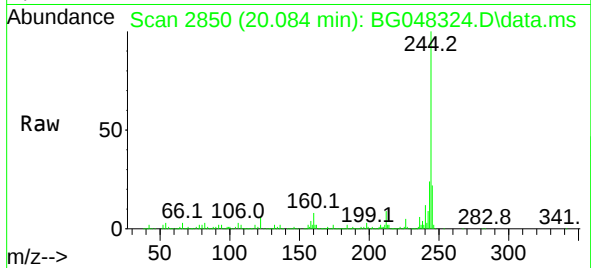




#77
Benzidine
Concen: 2.40 ng
RT: 20.084 min Scan# 2850
Delta R.T. 0.366 min
Lab File: BG048324.D
Acq: 4 Mar 2021 11:02

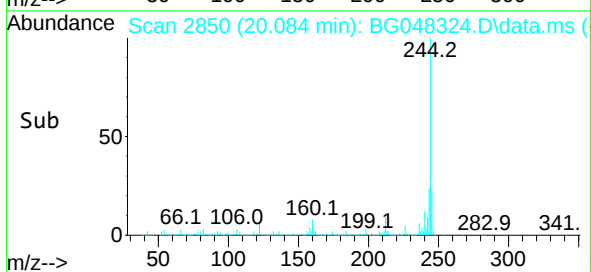
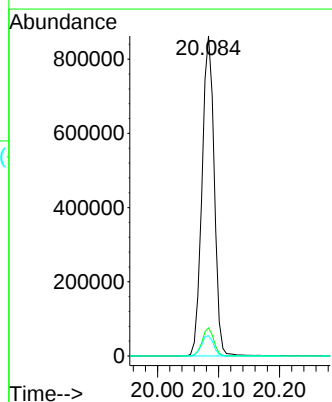
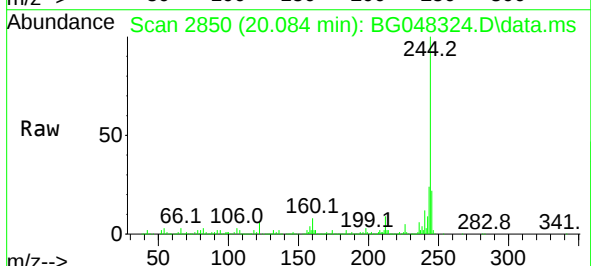
Instrument :
BNA_G
ClientSampleId :
PB134924BL

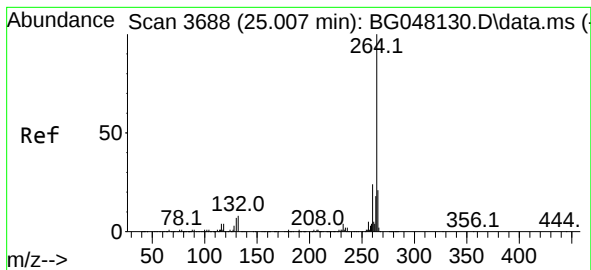
Tgt Ion:184 Resp: 23250
Ion Ratio Lower Upper
184 100
185 17.9 12.4 18.6
183 15.5 10.6 15.8



#79
Terphenyl-d14
Concen: 74.07 ng
RT: 20.084 min Scan# 2850
Delta R.T. 0.001 min
Lab File: BG048324.D
Acq: 4 Mar 2021 11:02

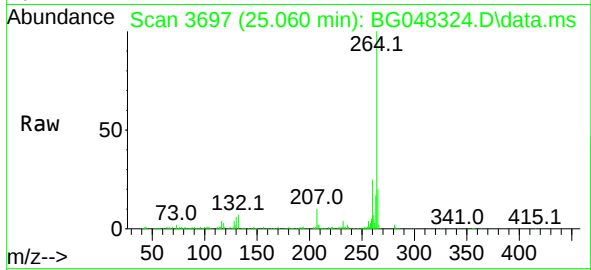
Tgt Ion:244 Resp: 1202903
Ion Ratio Lower Upper
244 100
212 8.8 6.7 10.1
122 6.3 7.8 11.6#





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.060 min Scan# 3697
 Delta R.T. -0.005 min
 Lab File: BG048324.D
 Acq: 4 Mar 2021 11:02

Instrument :
 BNA_G
 ClientSampleId :
 PB134924BL



Tgt Ion:	264	Resp:	284472
Ion Ratio	100	Lower	Upper
264	100		
260	24.7	18.8	28.2
265	20.3	17.8	26.8

