

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010821\
 Data File : BG047889.D
 Acq On : 8 Jan 2021 16:45
 Operator : CG/JU
 Sample : PB134011BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB134011BL

Quant Time: Jan 08 17:25:05 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121720.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 08 11:19:41 2021
 Response via : Initial Calibration

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

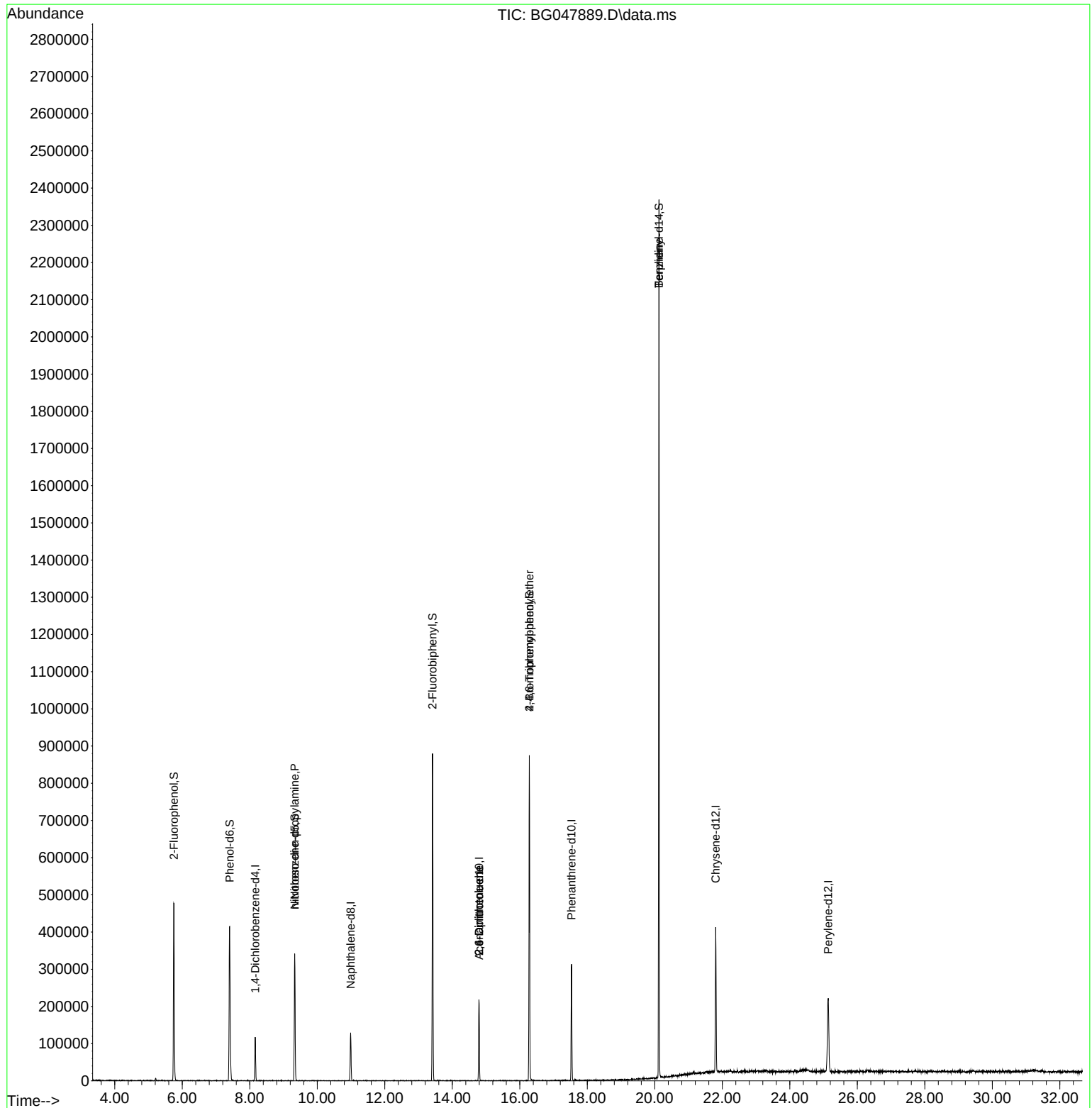
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.164	152	28273	20.00	ng	# 0.00
21) Naphthalene-d8	10.990	136	102514	20.00	ng	# 0.00
39) Acenaphthene-d10	14.797	164	74984	20.00	ng	0.00
64) Phenanthrene-d10	17.535	188	206189	20.00	ng	# 0.00
76) Chrysene-d12	21.807	240	244966	20.00	ng	# 0.00
86) Perylene-d12	25.138	264	234514	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.755	112	201707	123.42	ng	0.00
7) Phenol-d6	7.406	99	266491	111.54	ng	0.00
23) Nitrobenzene-d5	9.333	82	200661	72.00	ng	0.00
42) 2,4,6-Tribromophenol	16.284	330	163745	127.91	ng	0.00
45) 2-Fluorobiphenyl	13.416	172	451024	77.83	ng	0.00
79) Terphenyl-d14	20.126	244	1005677	67.65	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.333	70	30372	18.27	ng	# 77
51) 2,6-Dinitrotoluene	14.791	165	9969	7.59	ng	# 35
57) 2,4-Dinitrotoluene	14.791	165	9969	5.10	ng	# 33
67) 4-Bromophenyl-phenylether	16.284	248	12186	4.40	ng	# 1
70) Pentachlorophenol	17.089	266	68	Below Cal		# 19
77) Benzidine	20.126	184	20731	3.15	ng	# 91

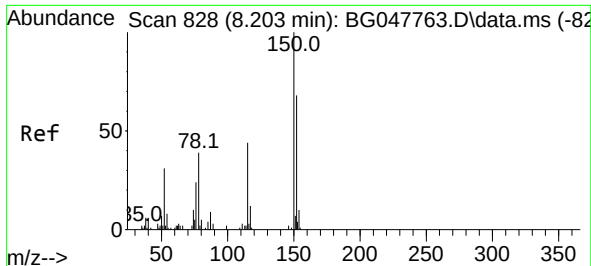
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010821\
Data File : BG047889.D
Acq On : 8 Jan 2021 16:45
Operator : CG/JU
Sample : PB134011BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB134011BL

Quant Time: Jan 08 17:25:05 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 08 11:19:41 2021
Response via : Initial Calibration

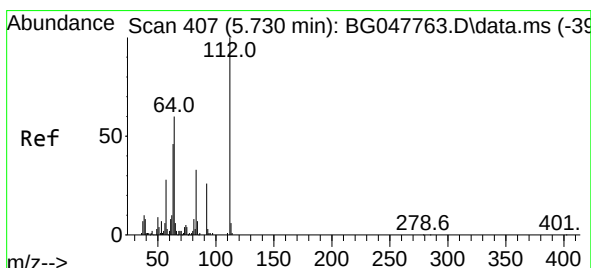
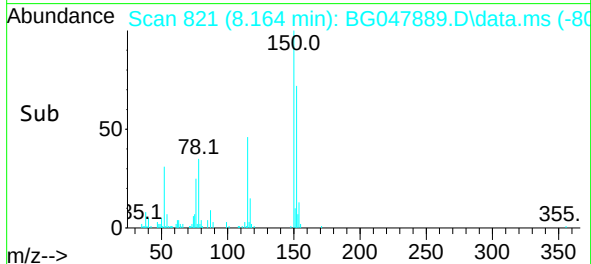
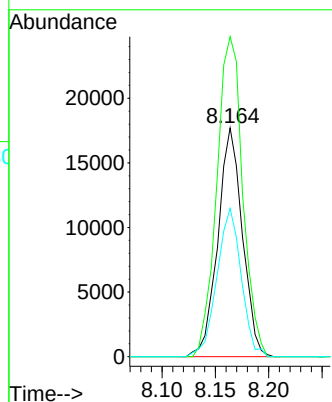
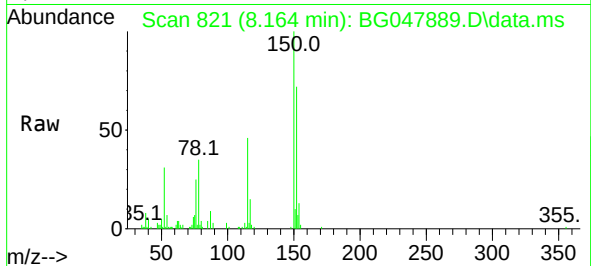




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.164 min Scan# 821
Delta R.T. 0.002 min
Lab File: BG047889.D
Acq: 8 Jan 2021 16:45

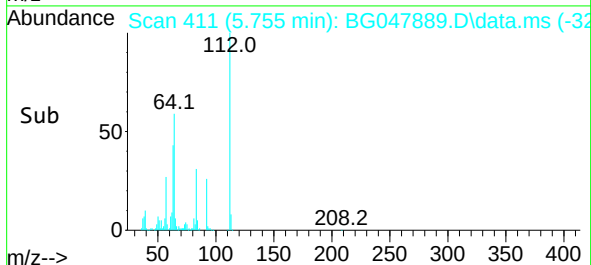
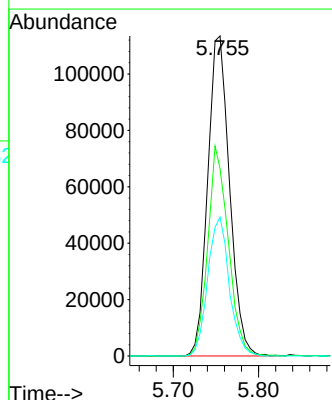
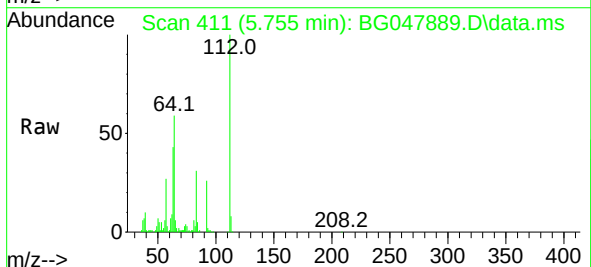
Instrument :
BNA_G
ClientSampleId :
PB134011BL

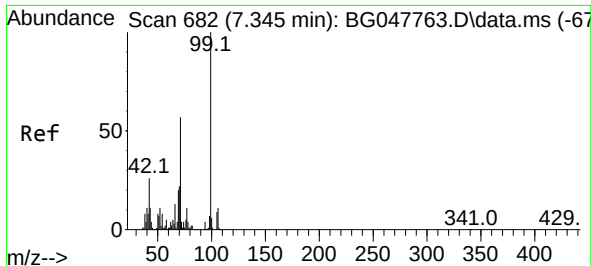
Tgt Ion:152 Resp: 28273
Ion Ratio Lower Upper
152 100
150 139.8 125.0 187.6
115 64.8 41.8 62.6#



#5
2-Fluorophenol
Concen: 123.42 ng
RT: 5.755 min Scan# 411
Delta R.T. 0.002 min
Lab File: BG047889.D
Acq: 8 Jan 2021 16:45

Tgt Ion:112 Resp: 201707
Ion Ratio Lower Upper
112 100
64 58.6 46.7 70.1
63 43.3 22.8 34.2#

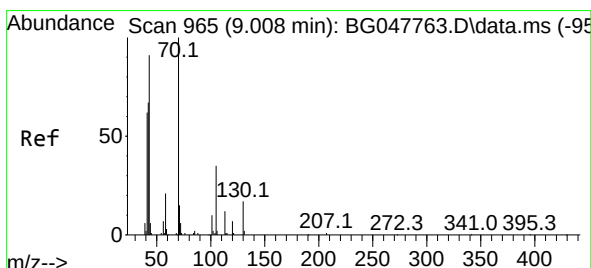
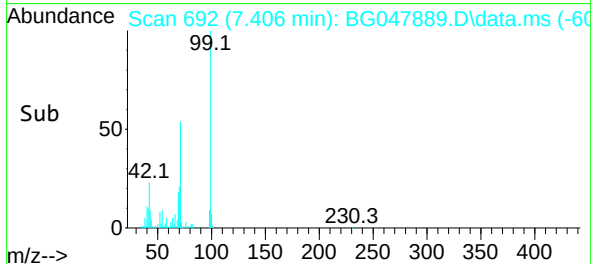
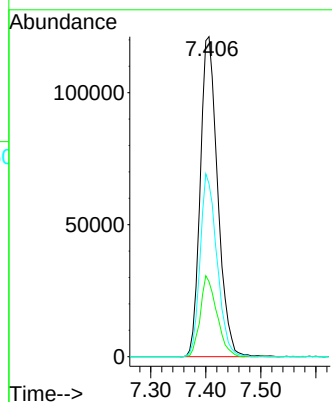
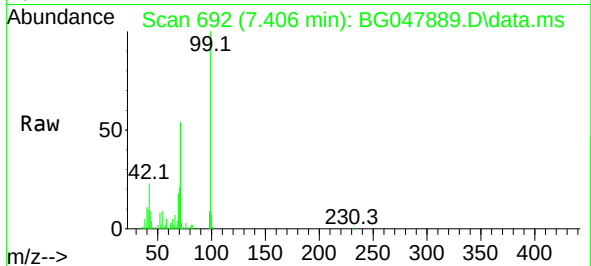




#7
Phenol-d6
Concen: 111.54 ng
RT: 7.406 min Scan# 692
Delta R.T. 0.008 min
Lab File: BG047889.D
Acq: 8 Jan 2021 16:45

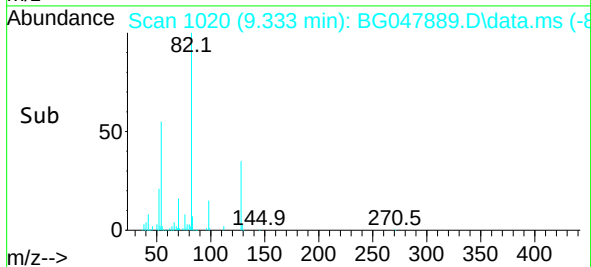
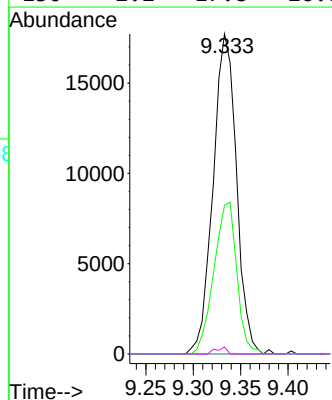
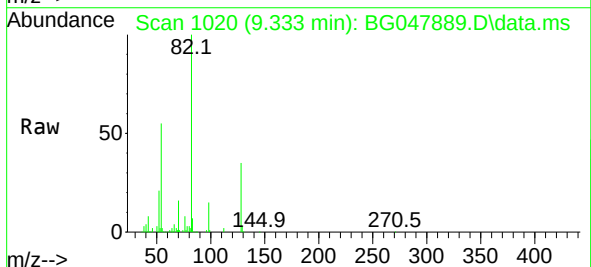
Instrument :
BNA_G
ClientSampleId :
PB134011BL

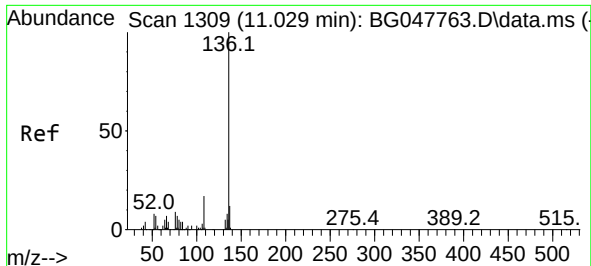
Tgt Ion: 99 Resp: 266491
Ion Ratio Lower Upper
99 100
42 23.4 12.8 19.2#
71 54.0 24.6 36.8#



#19
n-Nitroso-di-n-propylamine
Concen: 18.27 ng
RT: 9.333 min Scan# 1020
Delta R.T. 0.366 min
Lab File: BG047889.D
Acq: 8 Jan 2021 16:45

Tgt Ion: 70 Resp: 30372
Ion Ratio Lower Upper
70 100
42 46.4 45.6 68.4
101 0.0 8.4 12.6#
130 2.2 17.8 26.8#

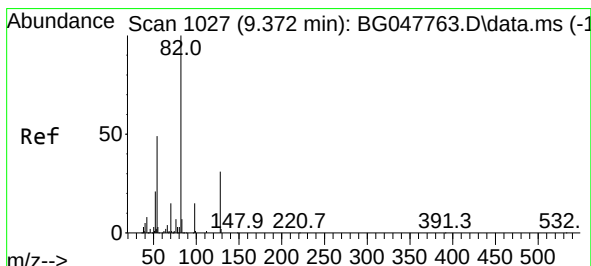
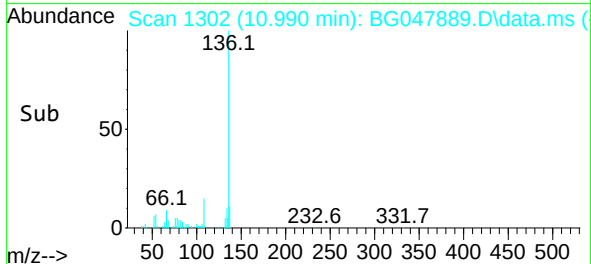
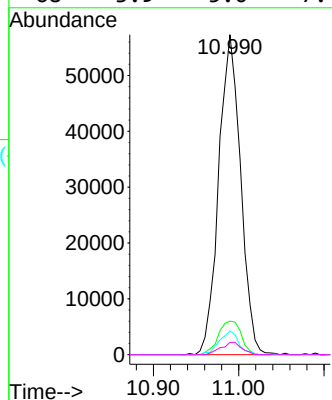
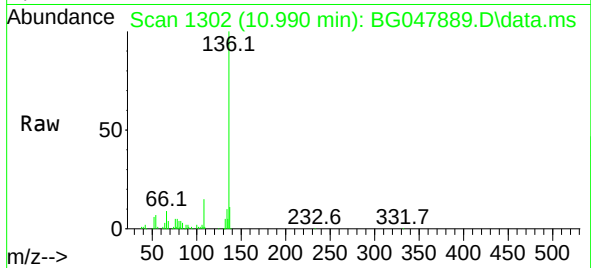




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.990 min Scan# 1302
Delta R.T. -0.004 min
Lab File: BG047889.D
Acq: 8 Jan 2021 16:45

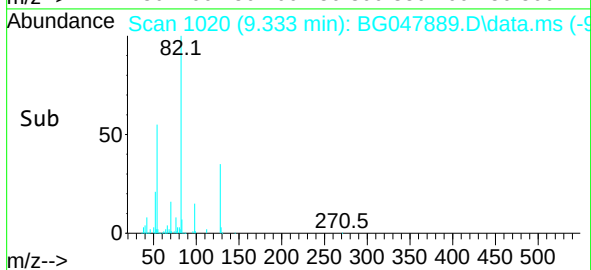
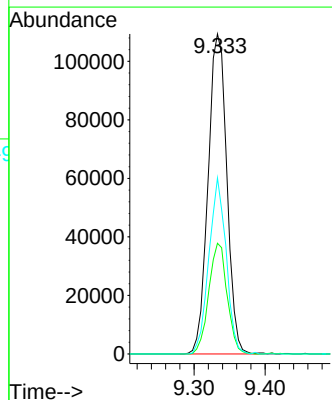
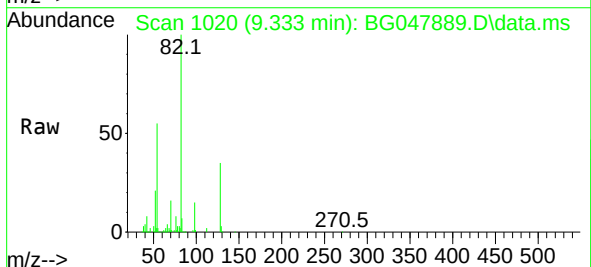
Instrument :
BNA_G
ClientSampleId :
PB134011BL

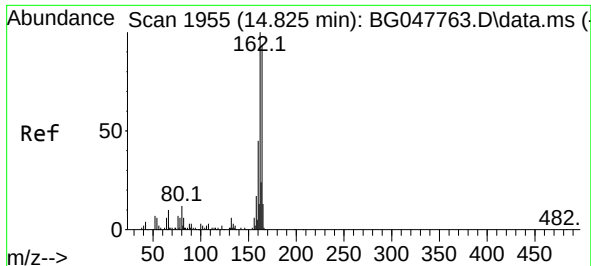
Tgt Ion:136 Resp: 102514
Ion Ratio Lower Upper
136 100
137 10.5 9.1 13.7
54 7.4 6.2 9.4
68 3.9 5.0 7.4#



#23
Nitrobenzene-d5
Concen: 72.00 ng
RT: 9.333 min Scan# 1020
Delta R.T. -0.004 min
Lab File: BG047889.D
Acq: 8 Jan 2021 16:45

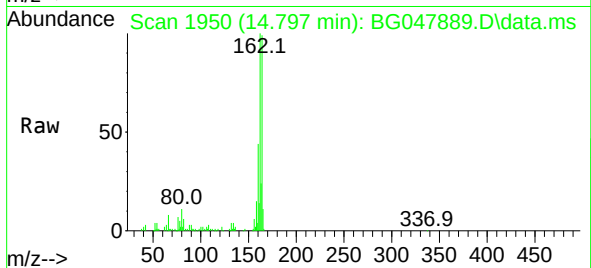
Tgt Ion: 82 Resp: 200661
Ion Ratio Lower Upper
82 100
128 34.6 37.0 55.6#
54 55.0 39.0 58.4



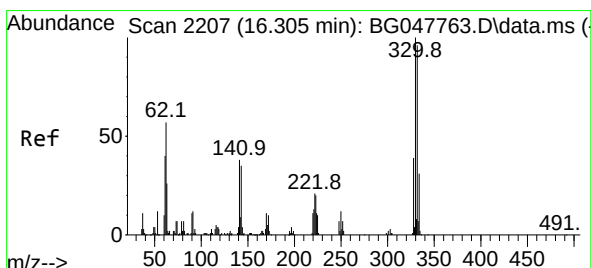
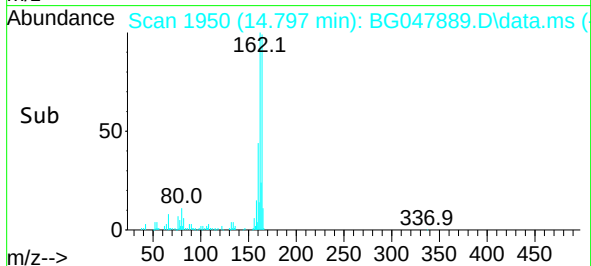
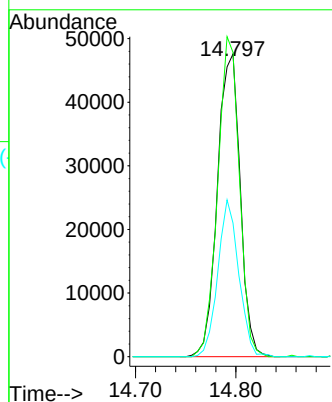


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.797 min Scan# 1950
Delta R.T. 0.002 min
Lab File: BG047889.D
Acq: 8 Jan 2021 16:45

Instrument :
BNA_G
ClientSampleId :
PB134011BL

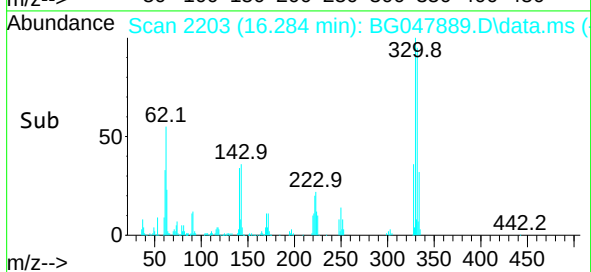
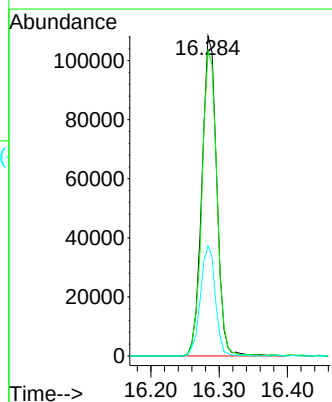
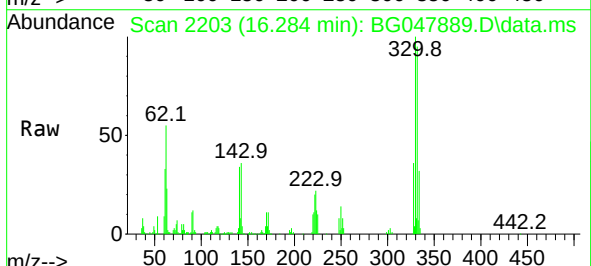


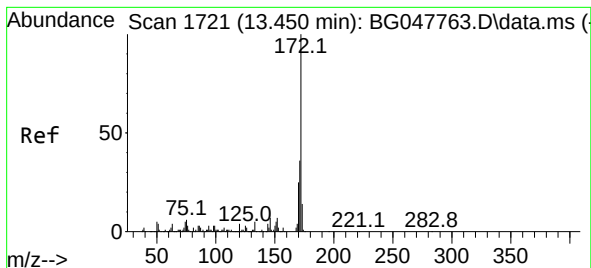
Tgt Ion:164 Resp: 74984
Ion Ratio Lower Upper
164 100
162 100.5 82.3 123.5
160 44.1 35.3 52.9



#42
2,4,6-Tribromophenol
Concen: 127.91 ng
RT: 16.284 min Scan# 2203
Delta R.T. -0.004 min
Lab File: BG047889.D
Acq: 8 Jan 2021 16:45

Tgt Ion:330 Resp: 163745
Ion Ratio Lower Upper
330 100
332 96.0 76.5 114.7
141 34.5 26.0 39.0

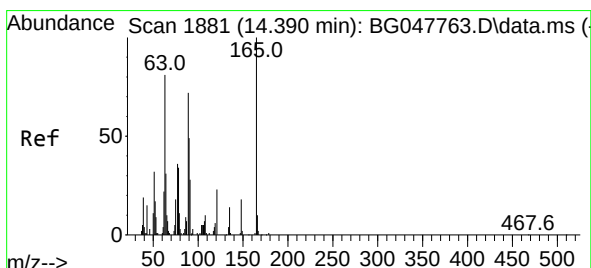
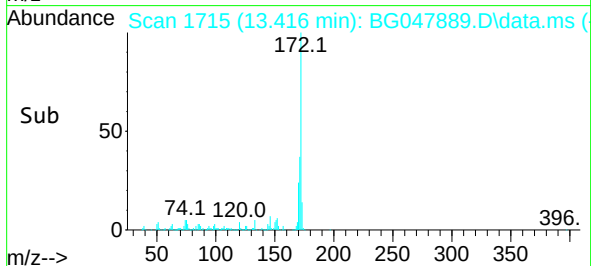
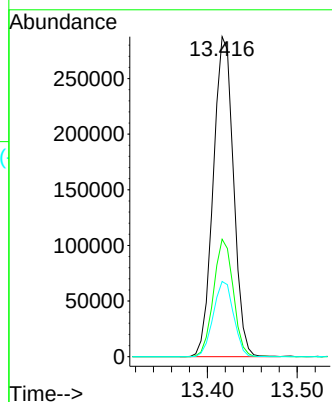
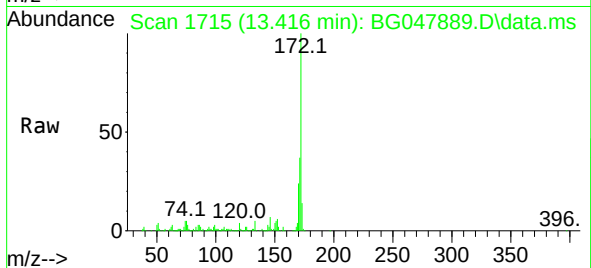




#45
2-Fluorobiphenyl
Concen: 77.83 ng
RT: 13.416 min Scan# 1715
Delta R.T. -0.004 min
Lab File: BG047889.D
Acq: 8 Jan 2021 16:45

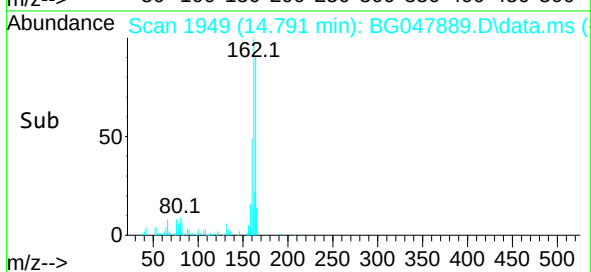
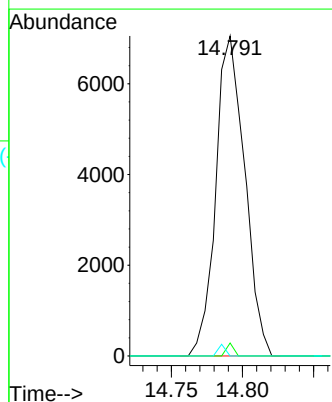
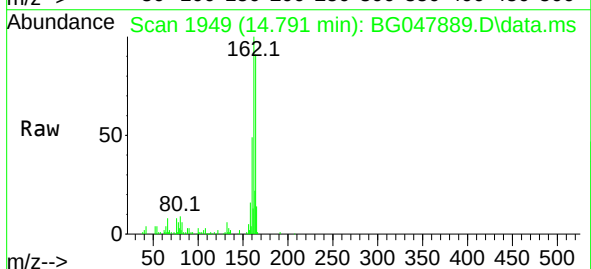
Instrument :
BNA_G
ClientSampleId :
PB134011BL

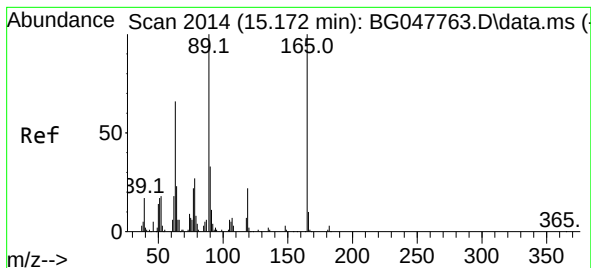
Tgt Ion:172 Resp: 451024
Ion Ratio Lower Upper
172 100
171 36.7 31.3 46.9
170 23.5 20.8 31.2



#51
2,6-Dinitrotoluene
Concen: 7.59 ng
RT: 14.791 min Scan# 1949
Delta R.T. 0.431 min
Lab File: BG047889.D
Acq: 8 Jan 2021 16:45

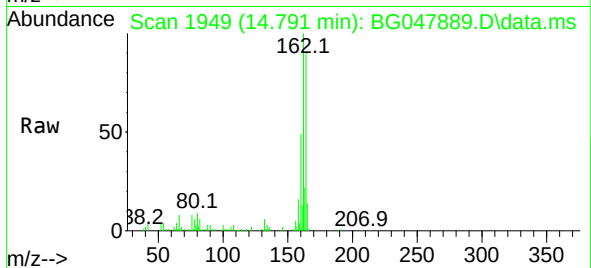
Tgt Ion:165 Resp: 9969
Ion Ratio Lower Upper
165 100
63 4.1 33.7 50.5#
89 0.0 36.6 54.8#



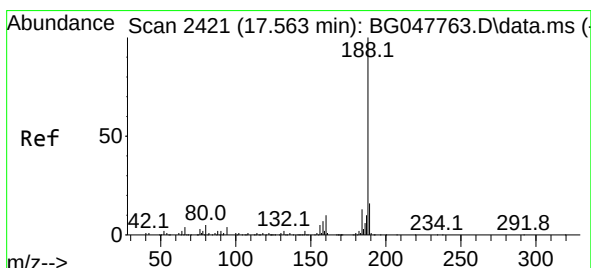
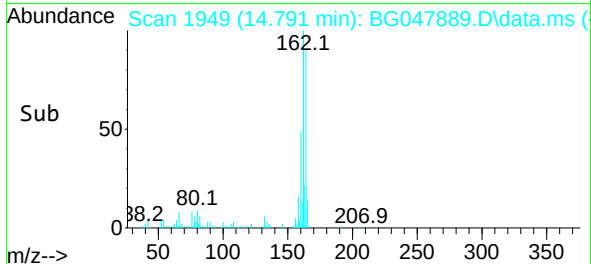
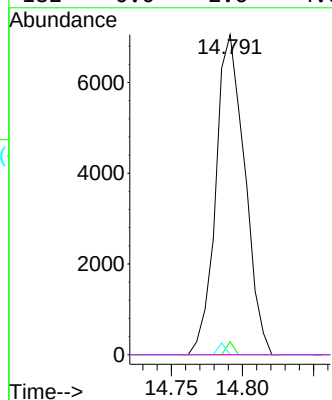


#57
2,4-Dinitrotoluene
Concen: 5.10 ng
RT: 14.791 min Scan# 1949
Delta R.T. -0.356 min
Lab File: BG047889.D
Acq: 8 Jan 2021 16:45

Instrument :
BNA_G
ClientSampleId :
PB134011BL

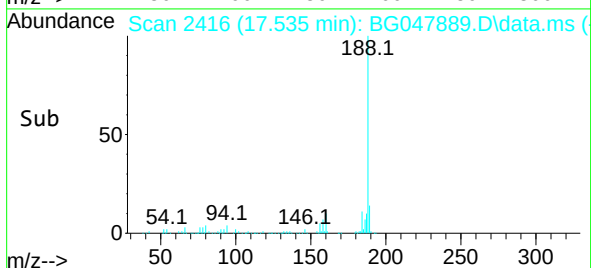
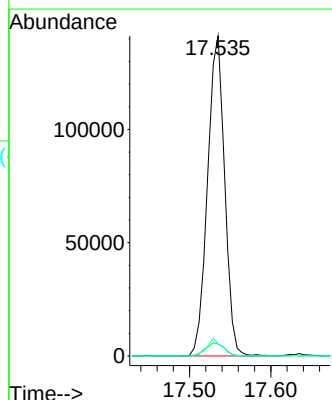
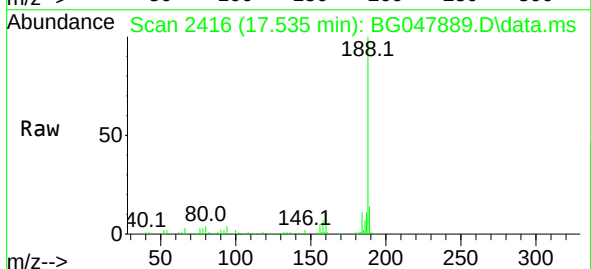


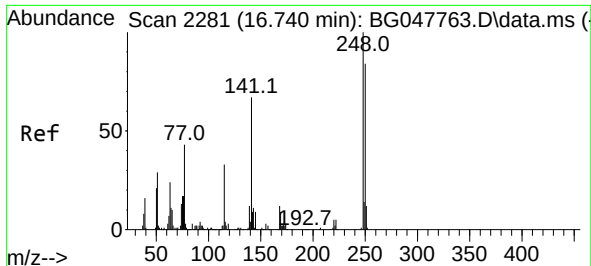
Tgt Ion:165 Resp: 9969
Ion Ratio Lower Upper
165 100
63 4.1 26.4 39.6#
89 0.0 47.8 71.8#
182 0.0 2.6 4.0#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.535 min Scan# 2416
Delta R.T. 0.002 min
Lab File: BG047889.D
Acq: 8 Jan 2021 16:45

Tgt Ion:188 Resp: 206189
Ion Ratio Lower Upper
188 100
94 3.7 6.3 9.5#
80 3.7 7.0 10.6#

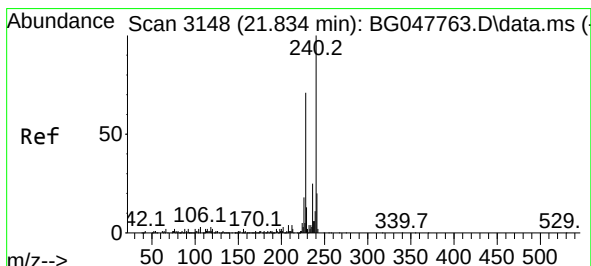
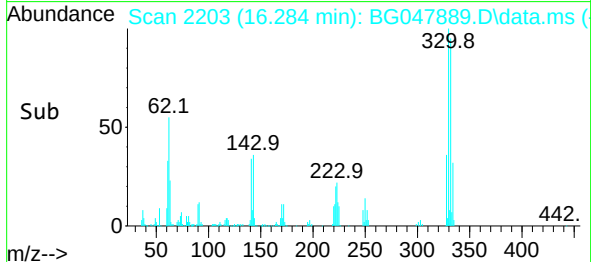
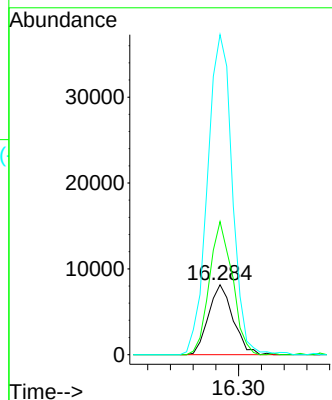
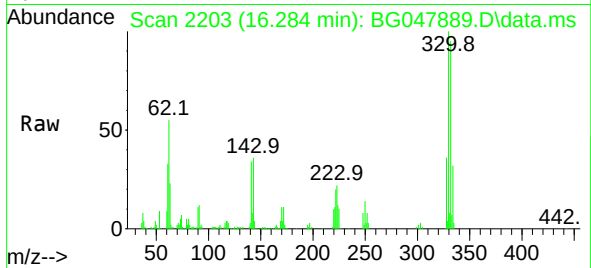




#67
4-Bromophenyl-phenylether
Concen: 4.40 ng
RT: 16.284 min Scan# 2203
Delta R.T. -0.433 min
Lab File: BG047889.D
Acq: 8 Jan 2021 16:45

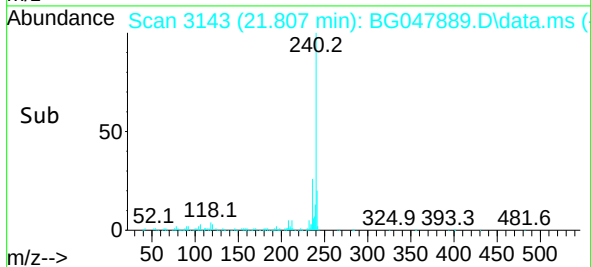
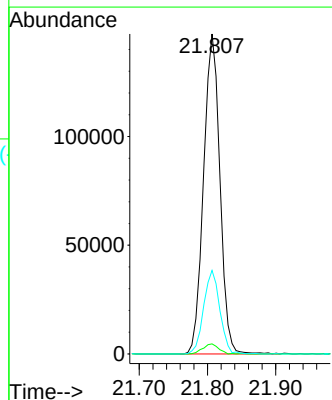
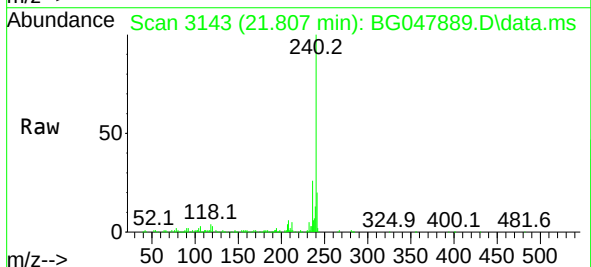
Instrument :
BNA_G
ClientSampleId :
PB134011BL

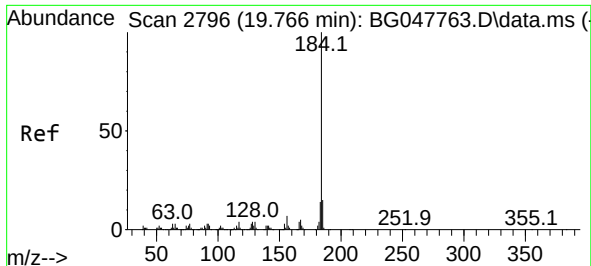
Tgt Ion:248 Resp: 12186
Ion Ratio Lower Upper
248 100
250 190.2 78.9 118.3#
141 457.4 46.2 69.4#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.807 min Scan# 3143
Delta R.T. -0.004 min
Lab File: BG047889.D
Acq: 8 Jan 2021 16:45

Tgt Ion:240 Resp: 244966
Ion Ratio Lower Upper
240 100
120 3.1 6.2 9.4#
236 26.1 20.5 30.7

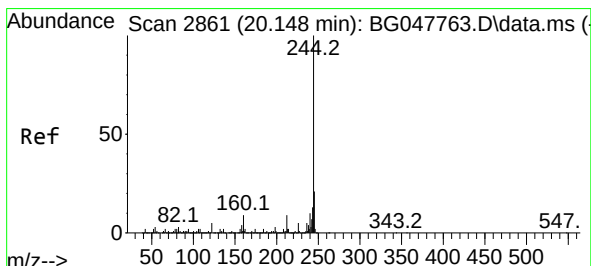
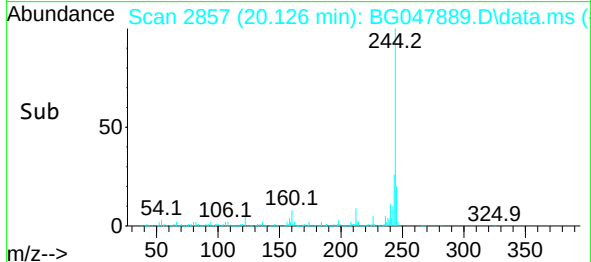
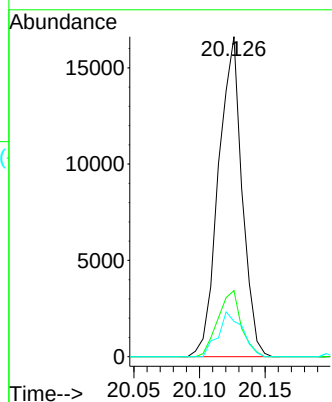
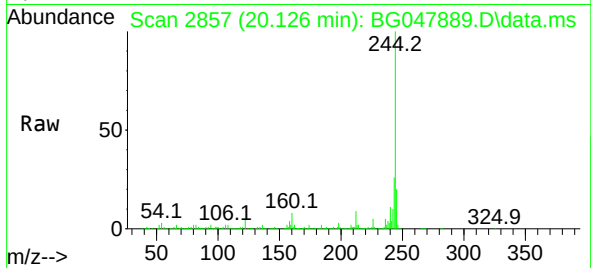




#77
Benzidine
Concen: 3.15 ng
RT: 20.126 min Scan# 2857
Delta R.T. 0.378 min
Lab File: BG047889.D
Acq: 8 Jan 2021 16:45

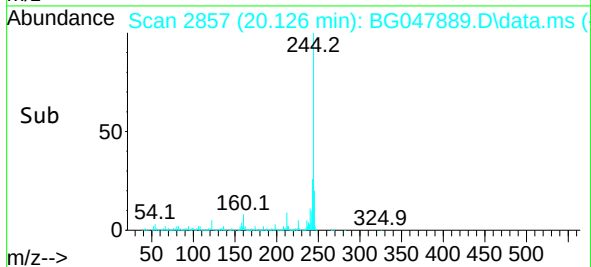
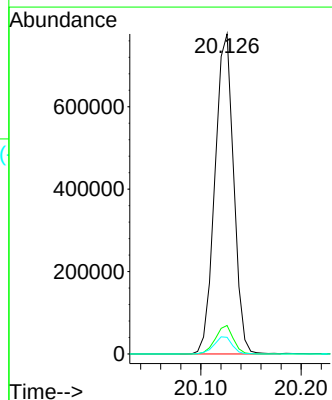
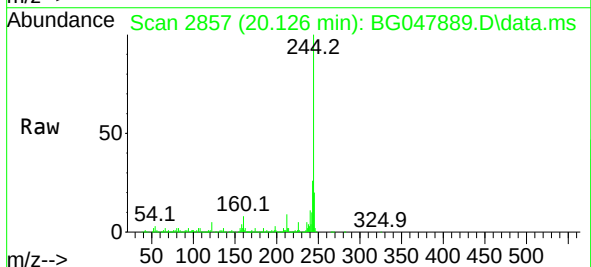
Instrument :
BNA_G
ClientSampleId :
PB134011BL

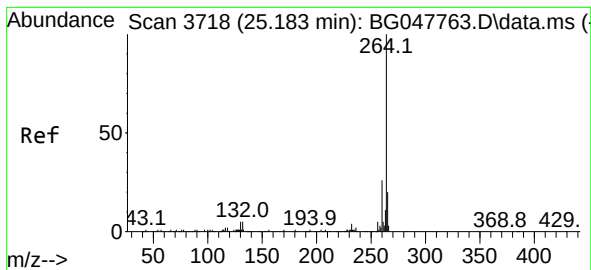
Tgt Ion:184 Resp: 20731
Ion Ratio Lower Upper
184 100
185 20.7 12.4 18.6#
183 11.0 10.6 15.8



#79
Terphenyl-d14
Concen: 67.65 ng
RT: 20.126 min Scan# 2857
Delta R.T. 0.002 min
Lab File: BG047889.D
Acq: 8 Jan 2021 16:45

Tgt Ion:244 Resp: 1005677
Ion Ratio Lower Upper
244 100
212 8.9 6.7 10.1
122 5.2 7.8 11.6#





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.138 min Scan# 3710
Delta R.T. 0.002 min
Lab File: BG047889.D
Acq: 8 Jan 2021 16:45

Instrument :
BNA_G
ClientSampleId :
PB134011BL

Tgt Ion:264 Resp: 234514

Ion	Ratio	Lower	Upper
264	100		
260	19.8	18.8	28.2
265	20.1	17.8	26.8

