

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012821\
 Data File : BG048053.D
 Acq On : 28 Jan 2021 11:24
 Operator : CG/JU
 Sample : PB134302BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB134302BL

Quant Time: Jan 28 12:20:23 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 25 19:39:42 2021
 Response via : Initial Calibration

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

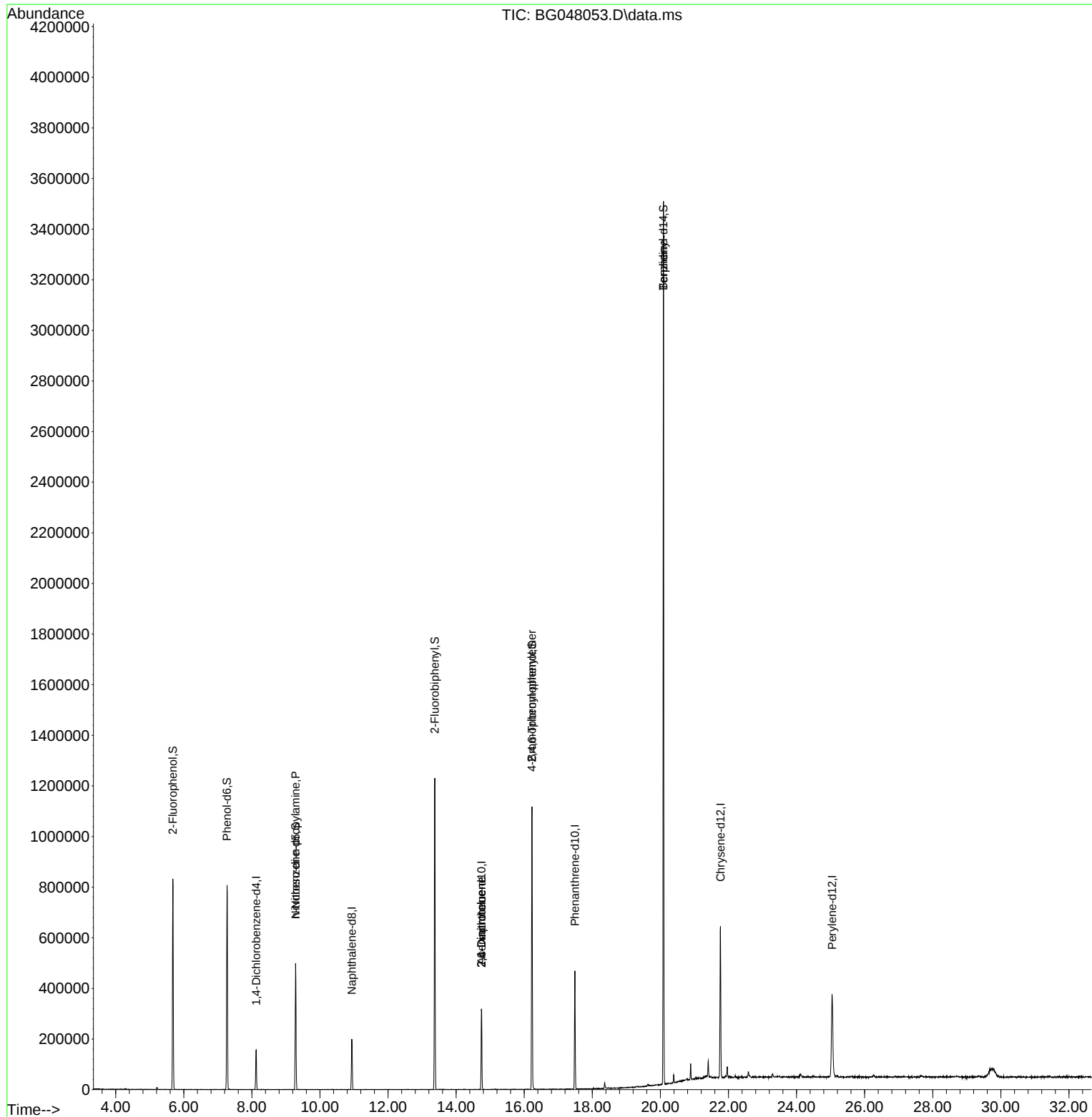
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.127	152	43341	20.00	ng	0.00
21) Naphthalene-d8	10.936	136	157651	20.00	ng	-0.01
39) Acenaphthene-d10	14.743	164	110237	20.00	ng	-0.01
64) Phenanthrene-d10	17.487	188	289050	20.00	ng	#-0.01
76) Chrysene-d12	21.764	240	382145	20.00	ng	#-0.01
86) Perylene-d12	25.043	264	363770	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.677	112	331273	117.47	ng	-0.01
7) Phenol-d6	7.269	99	438863	102.35	ng	-0.01
23) Nitrobenzene-d5	9.285	82	296779	74.49	ng	-0.01
42) 2,4,6-Tribromophenol	16.229	330	222176	121.01	ng	-0.01
45) 2-Fluorobiphenyl	13.374	172	653494	76.64	ng	-0.01
79) Terphenyl-d14	20.090	244	1456708	66.09	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.285	70	44081	14.09	ng	# 74
51) 2,6-Dinitrotoluene	14.749	165	14218	6.85	ng	# 32
57) 2,4-Dinitrotoluene	14.749	165	14218	4.75	ng	# 30
67) 4-Bromophenyl-phenylether	16.223	248	15016	3.89	ng	# 1
77) Benzidine	20.090	184	25329	2.30	ng	95

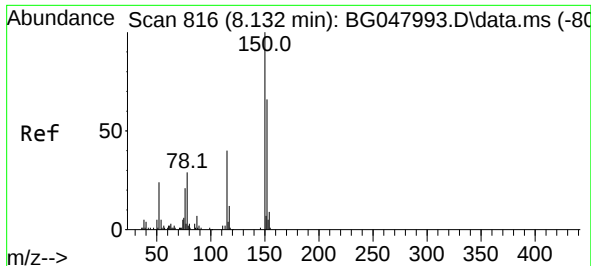
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012821\
Data File : BG048053.D
Acq On : 28 Jan 2021 11:24
Operator : CG/JU
Sample : PB134302BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB134302BL

Quant Time: Jan 28 12:20:23 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 25 19:39:42 2021
Response via : Initial Calibration

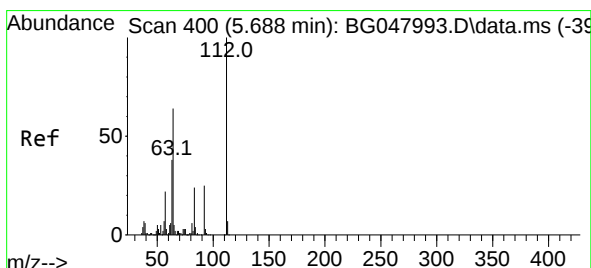
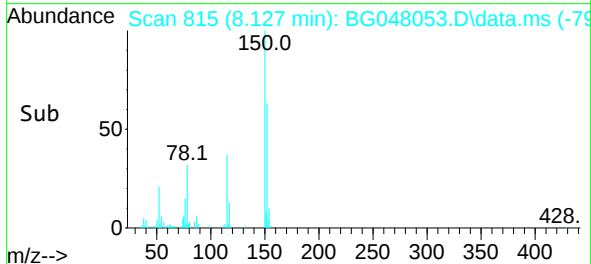
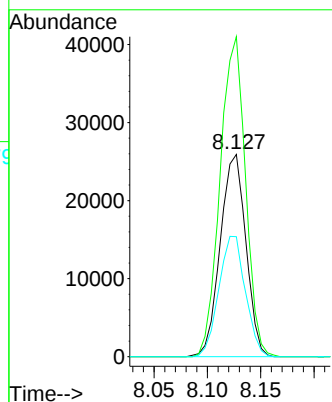
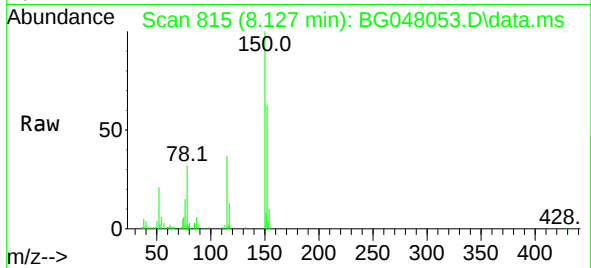




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.127 min Scan# 815
Delta R.T. -0.005 min
Lab File: BG048053.D
Acq: 28 Jan 2021 11:24

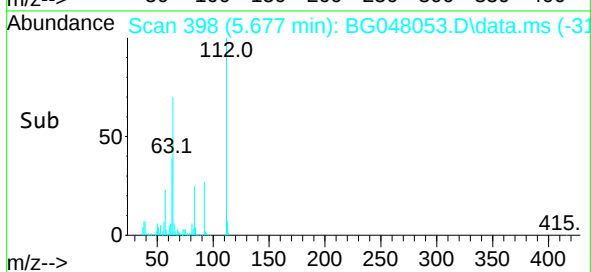
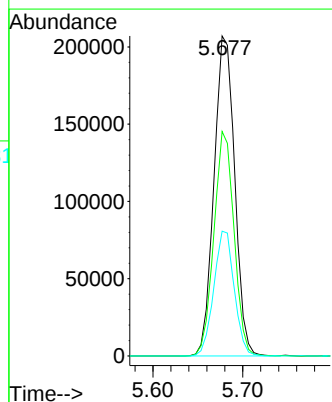
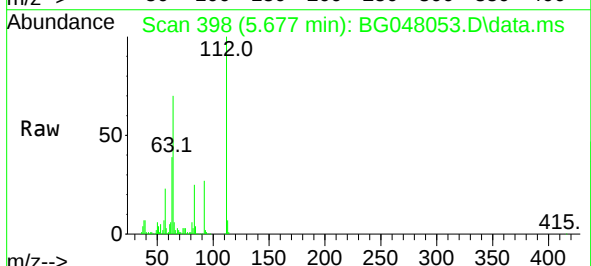
Instrument :
BNA_G
ClientSampleId :
PB134302BL

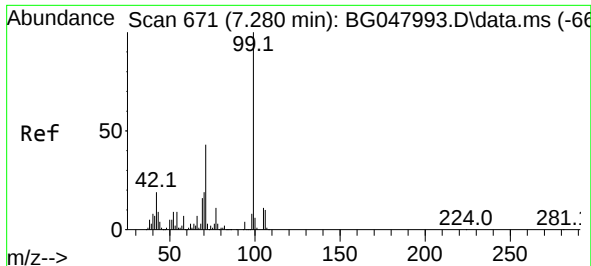
Tgt Ion:152 Resp: 43341
Ion Ratio Lower Upper
152 100
150 158.2 125.0 187.6
115 59.3 41.8 62.6



#5
2-Fluorophenol
Concen: 117.47 ng
RT: 5.677 min Scan# 398
Delta R.T. -0.011 min
Lab File: BG048053.D
Acq: 28 Jan 2021 11:24

Tgt Ion:112 Resp: 331273
Ion Ratio Lower Upper
112 100
64 70.1 46.7 70.1#
63 39.0 22.8 34.2#

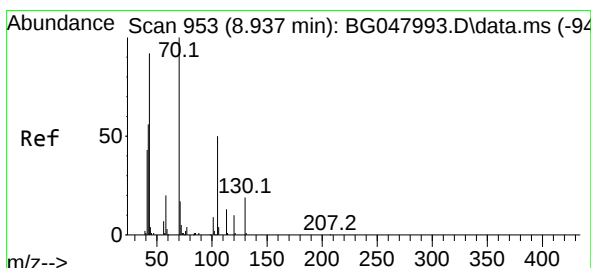
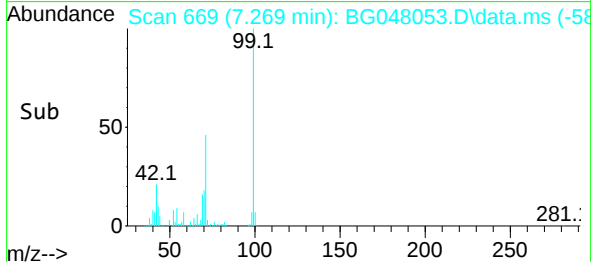
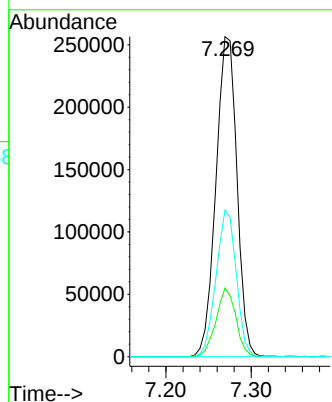
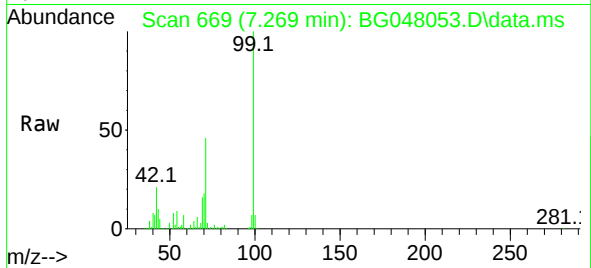




#7
Phenol-d6
Concen: 102.35 ng
RT: 7.269 min Scan# 669
Delta R.T. -0.011 min
Lab File: BG048053.D
Acq: 28 Jan 2021 11:24

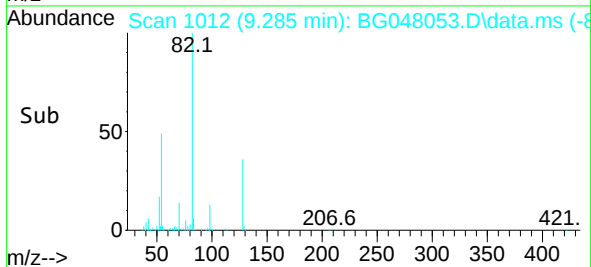
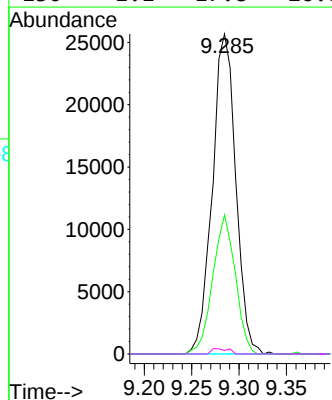
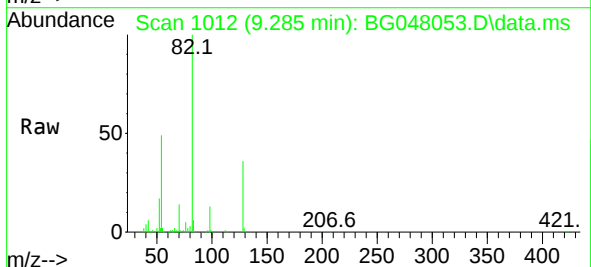
Instrument :
BNA_G
ClientSampleId :
PB134302BL

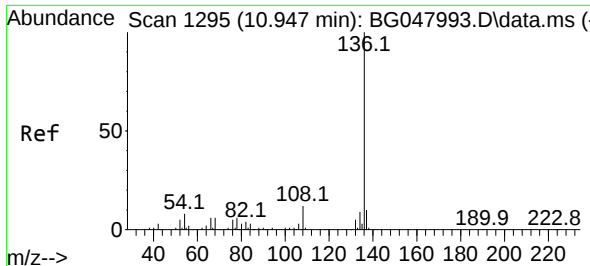
Tgt Ion: 99 Resp: 438863
Ion Ratio Lower Upper
99 100
42 21.5 12.8 19.2#
71 45.7 24.6 36.8#



#19
n-Nitroso-di-n-propylamine
Concen: 14.09 ng
RT: 9.285 min Scan# 1012
Delta R.T. 0.347 min
Lab File: BG048053.D
Acq: 28 Jan 2021 11:24

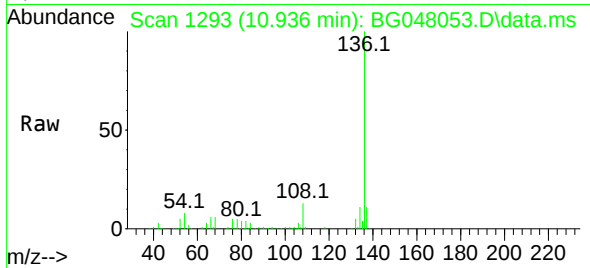
Tgt Ion: 70 Resp: 44081
Ion Ratio Lower Upper
70 100
42 43.5 45.6 68.4#
101 0.0 8.4 12.6#
130 1.1 17.8 26.8#



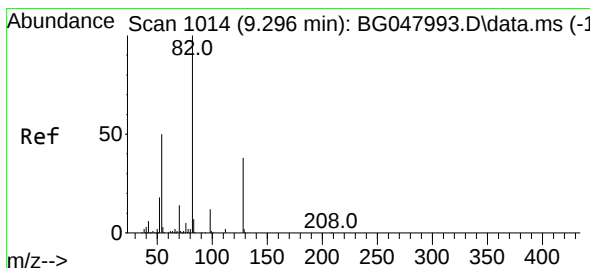
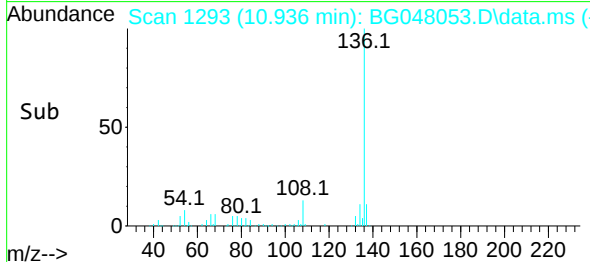
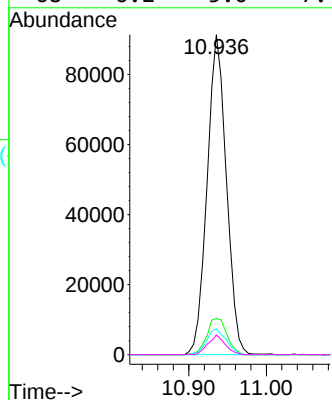


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.936 min Scan# 1293
Delta R.T. -0.011 min
Lab File: BG048053.D
Acq: 28 Jan 2021 11:24

Instrument :
BNA_G
ClientSampleId :
PB134302BL

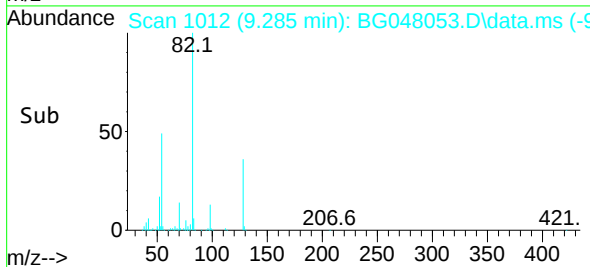
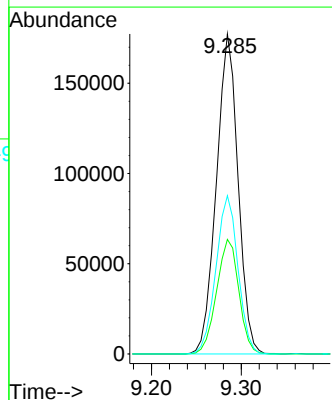
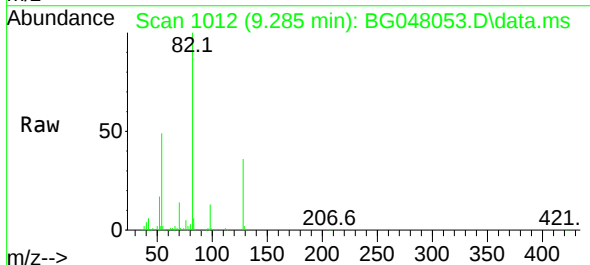


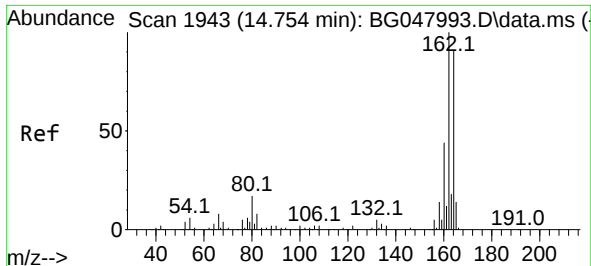
Tgt Ion:	136	Resp:	157651
Ion Ratio	Lower	Upper	
136	100		
137	11.3	9.1	13.7
54	8.1	6.2	9.4
68	6.2	5.0	7.4



#23
Nitrobenzene-d5
Concen: 74.49 ng
RT: 9.285 min Scan# 1012
Delta R.T. -0.011 min
Lab File: BG048053.D
Acq: 28 Jan 2021 11:24

Tgt Ion:	82	Resp:	296779
Ion Ratio	Lower	Upper	
82	100		
128	35.8	37.0	55.6#
54	49.4	39.0	58.4

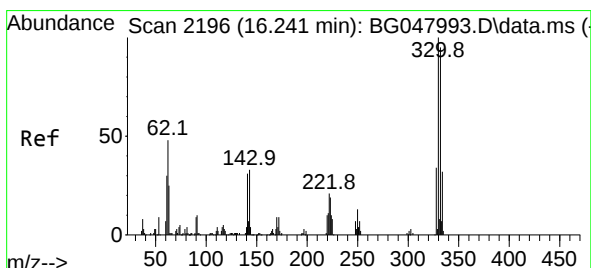
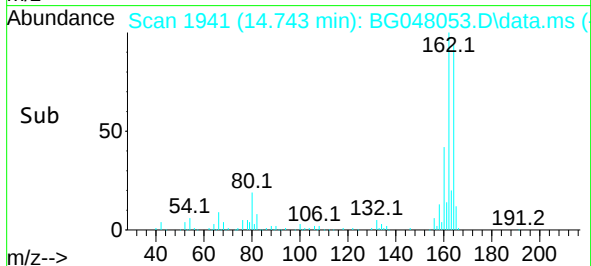
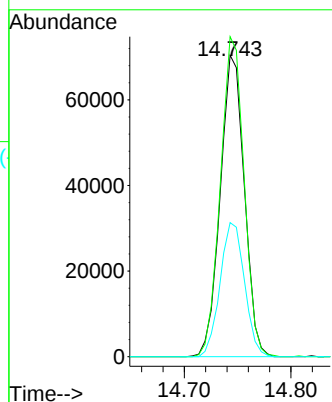
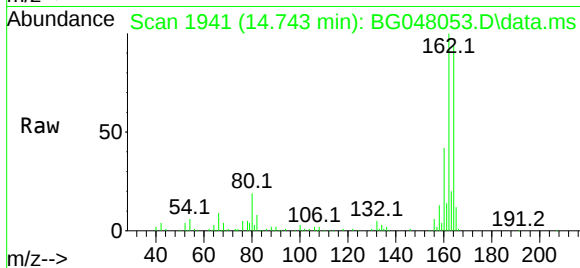




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.743 min Scan# 1941
Delta R.T. -0.011 min
Lab File: BG048053.D
Acq: 28 Jan 2021 11:24

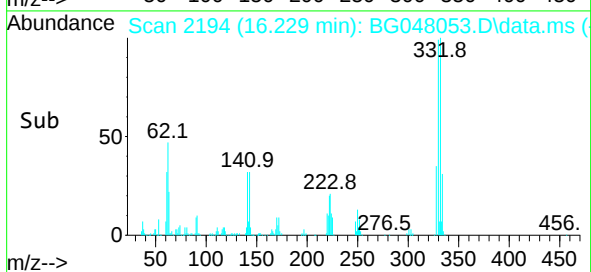
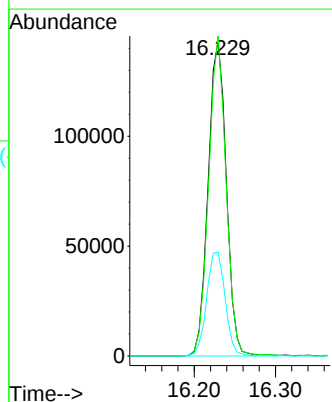
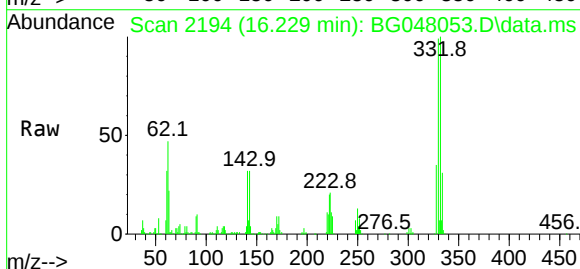
Instrument :
BNA_G
ClientSampleId :
PB134302BL

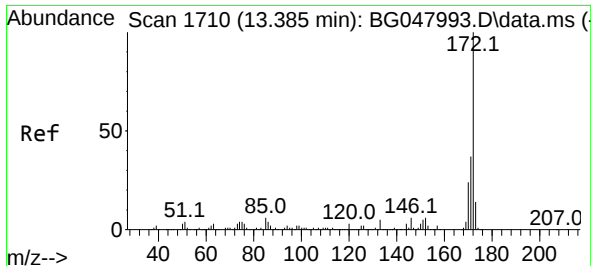
Tgt Ion:164 Resp: 110237
Ion Ratio Lower Upper
164 100
162 106.1 82.3 123.5
160 44.5 35.3 52.9



#42
2,4,6-Tribromophenol
Concen: 121.01 ng
RT: 16.229 min Scan# 2194
Delta R.T. -0.011 min
Lab File: BG048053.D
Acq: 28 Jan 2021 11:24

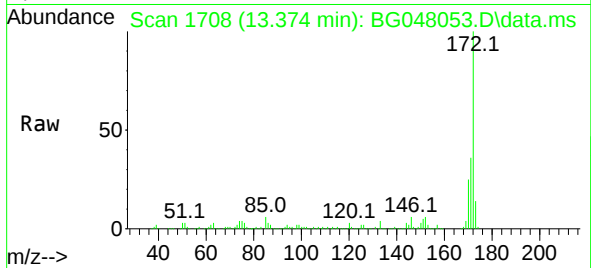
Tgt Ion:330 Resp: 222176
Ion Ratio Lower Upper
330 100
332 97.5 76.5 114.7
141 33.7 26.0 39.0



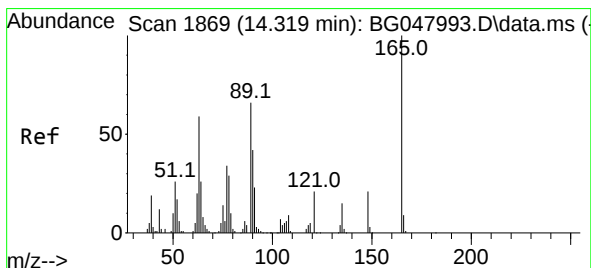
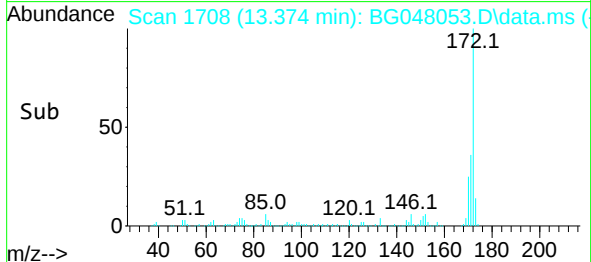
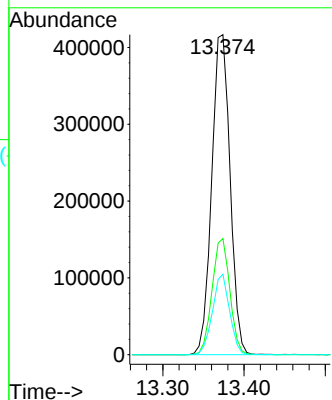


#45
2-Fluorobiphenyl
Concen: 76.64 ng
RT: 13.374 min Scan# 1708
Delta R.T. -0.011 min
Lab File: BG048053.D
Acq: 28 Jan 2021 11:24

Instrument :
BNA_G
ClientSampleID :
PB134302BL

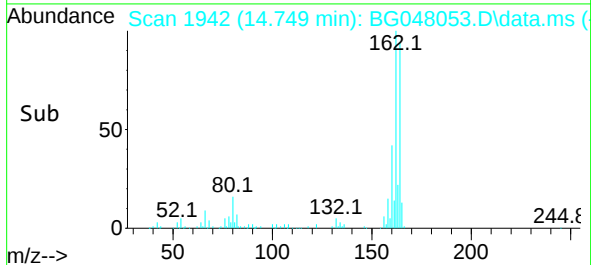
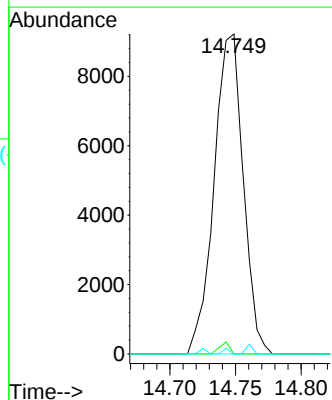
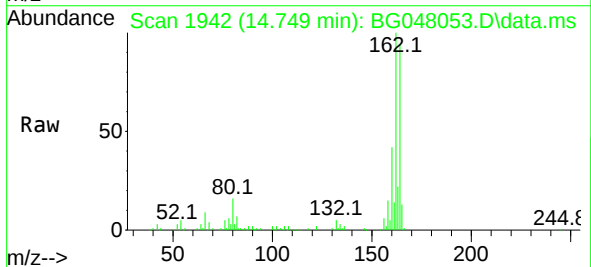


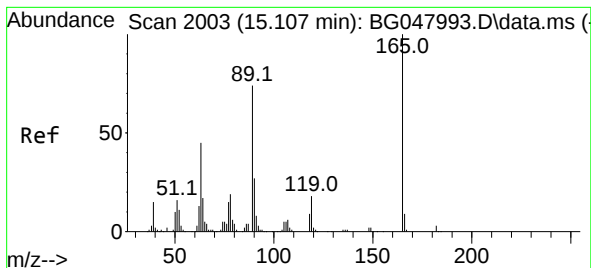
Tgt Ion:172 Resp: 653494
Ion Ratio Lower Upper
172 100
171 36.3 31.3 46.9
170 25.2 20.8 31.2



#51
2,6-Dinitrotoluene
Concen: 6.85 ng
RT: 14.749 min Scan# 1942
Delta R.T. 0.429 min
Lab File: BG048053.D
Acq: 28 Jan 2021 11:24

Tgt Ion:165 Resp: 14218
Ion Ratio Lower Upper
165 100
63 0.0 33.7 50.5#
89 0.0 36.6 54.8#

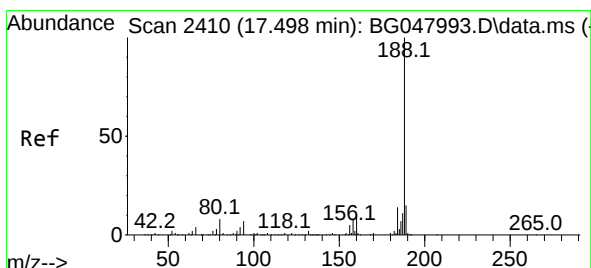
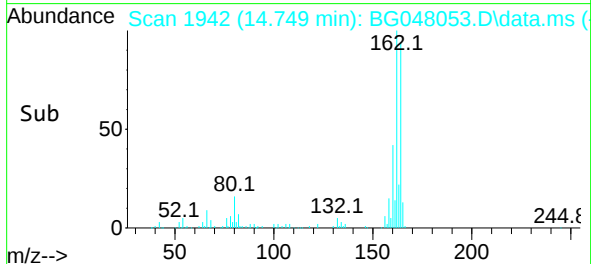
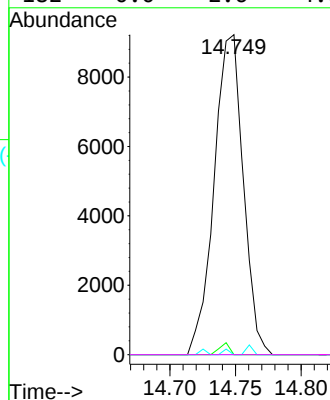
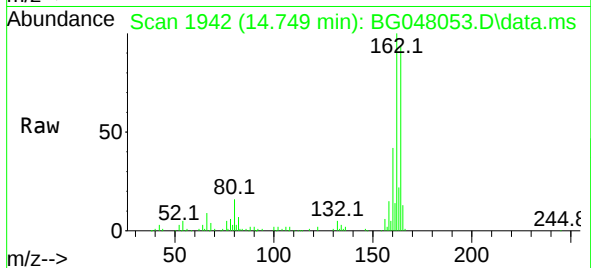




#57
2,4-Dinitrotoluene
Concen: 4.75 ng
RT: 14.749 min Scan# 1942
Delta R.T. -0.358 min
Lab File: BG048053.D
Acq: 28 Jan 2021 11:24

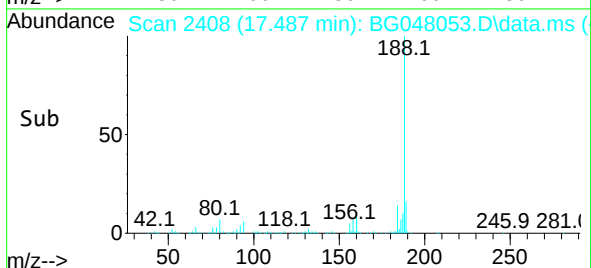
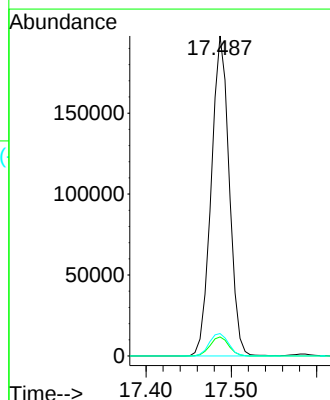
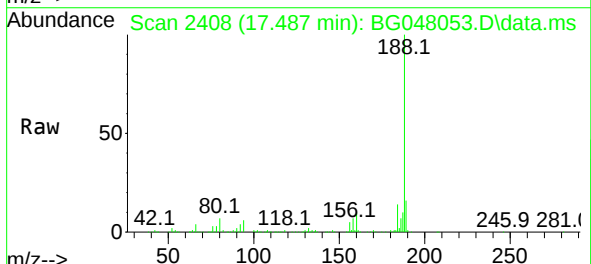
Instrument :
BNA_G
ClientSampleId :
PB134302BL

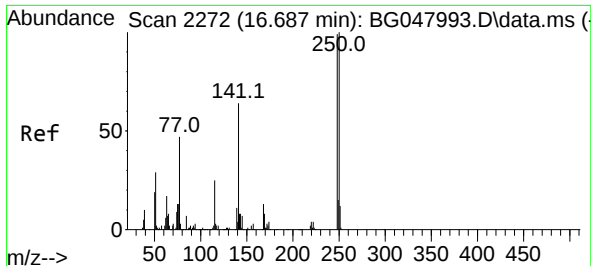
Tgt Ion:	165	Resp:	14218
Ion Ratio	Lower	Upper	
165	100		
63	0.0	26.4	39.6#
89	0.0	47.8	71.8#
182	0.0	2.6	4.0#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.487 min Scan# 2408
Delta R.T. -0.011 min
Lab File: BG048053.D
Acq: 28 Jan 2021 11:24

Tgt Ion:	188	Resp:	289050
Ion Ratio	Lower	Upper	
188	100		
94	6.0	6.3	9.5#
80	7.0	7.0	10.6#

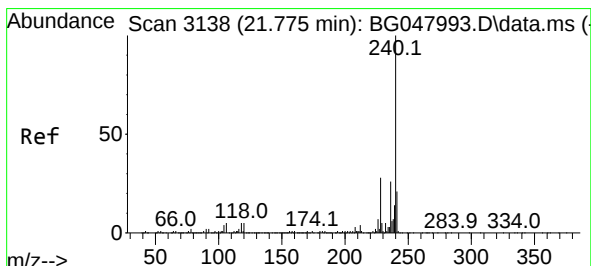
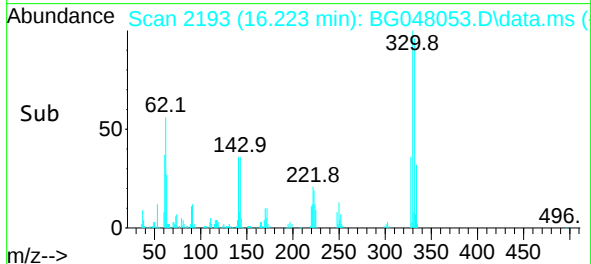
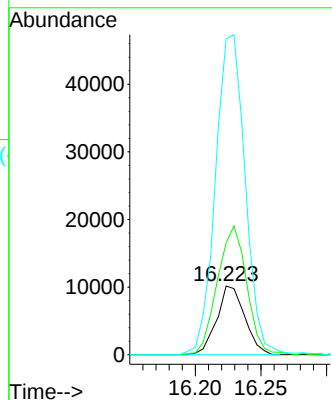
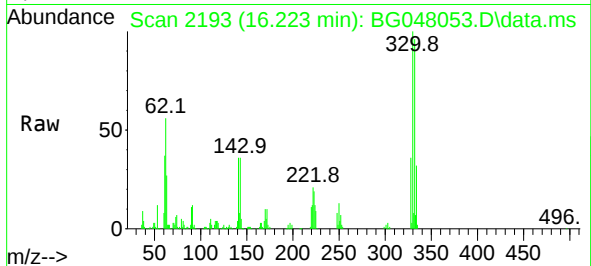




#67
4-Bromophenyl-phenylether
Concen: 3.89 ng
RT: 16.223 min Scan# 2193
Delta R.T. -0.464 min
Lab File: BG048053.D
Acq: 28 Jan 2021 11:24

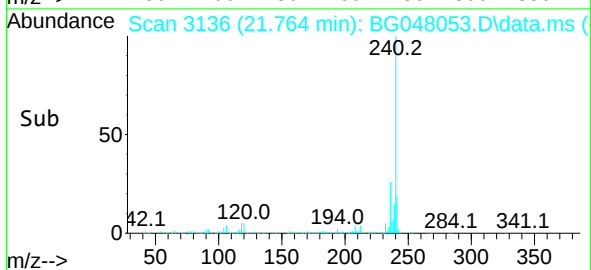
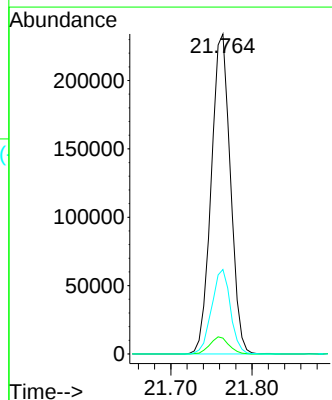
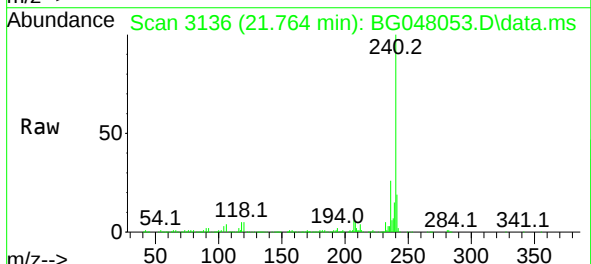
Instrument :
BNA_G
ClientSampleId :
PB134302BL

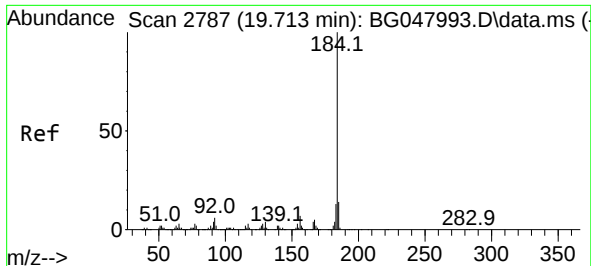
Tgt Ion:248 Resp: 15016
Ion Ratio Lower Upper
248 100
250 163.1 78.9 118.3#
141 459.9 46.2 69.4#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.764 min Scan# 3136
Delta R.T. -0.011 min
Lab File: BG048053.D
Acq: 28 Jan 2021 11:24

Tgt Ion:240 Resp: 382145
Ion Ratio Lower Upper
240 100
120 4.9 6.2 9.4#
236 26.4 20.5 30.7

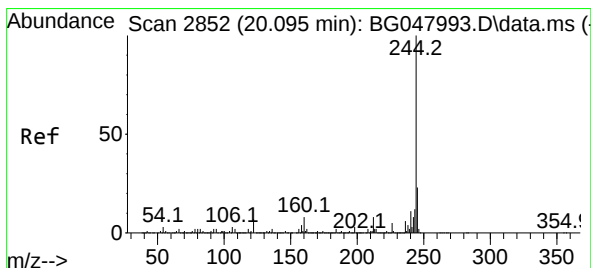
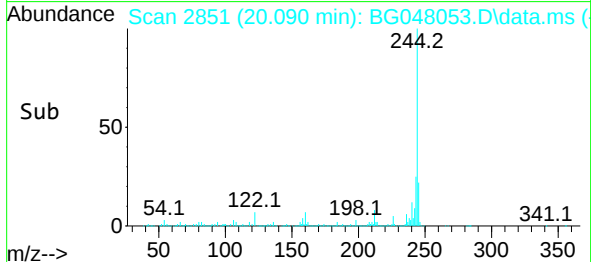
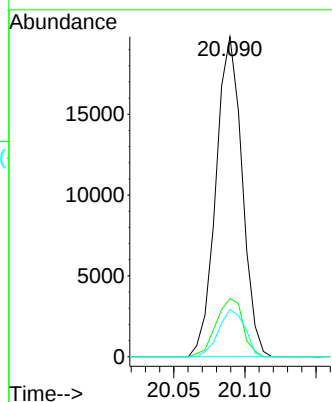
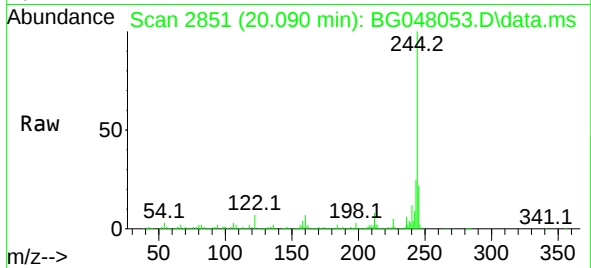




#77
Benzidine
Concen: 2.30 ng
RT: 20.090 min Scan# 2851
Delta R.T. 0.377 min
Lab File: BG048053.D
Acq: 28 Jan 2021 11:24

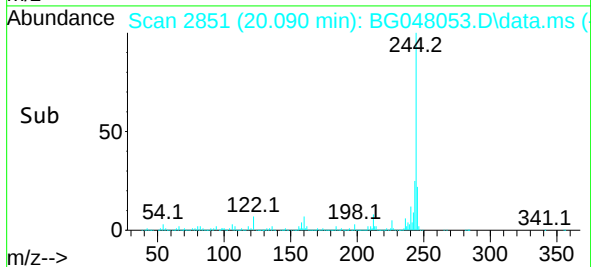
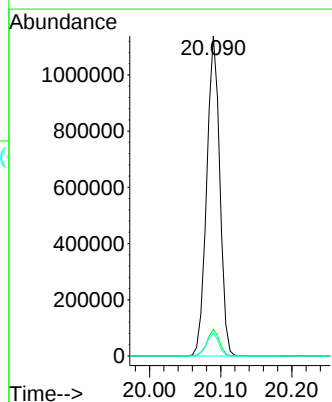
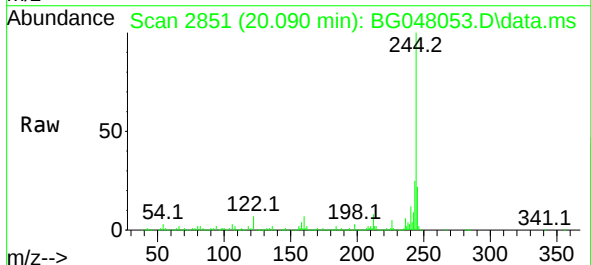
Instrument :
BNA_G
ClientSampleId :
PB134302BL

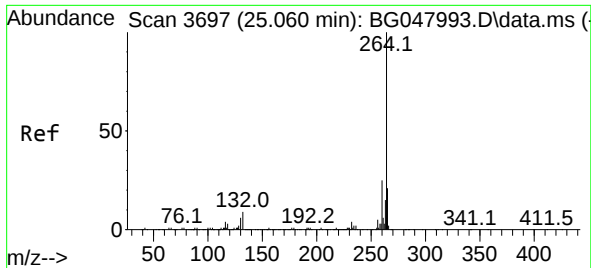
Tgt Ion:184 Resp: 25329
Ion Ratio Lower Upper
184 100
185 18.1 12.4 18.6
183 14.7 10.6 15.8



#79
Terphenyl-d14
Concen: 66.09 ng
RT: 20.090 min Scan# 2851
Delta R.T. -0.005 min
Lab File: BG048053.D
Acq: 28 Jan 2021 11:24

Tgt Ion:244 Resp: 1456708
Ion Ratio Lower Upper
244 100
212 8.3 6.7 10.1
122 7.3 7.8 11.6#





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.043 min Scan# 3694
 Delta R.T. -0.017 min
 Lab File: BG048053.D
 Acq: 28 Jan 2021 11:24

Instrument :
 BNA_G
 ClientSampleId :
 PB134302BL

Tgt Ion:264 Resp: 363770
 Ion Ratio Lower Upper
 264 100
 260 24.3 18.8 28.2
 265 22.1 17.8 26.8

