

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030521\
 Data File : BG048340.D
 Acq On : 5 Mar 2021 16:23
 Operator : CG/JU
 Sample : PB134999TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB134999TB

Quant Time: Mar 05 16:58:52 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG021021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 05 16:23:55 2021
 Response via : Initial Calibration

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

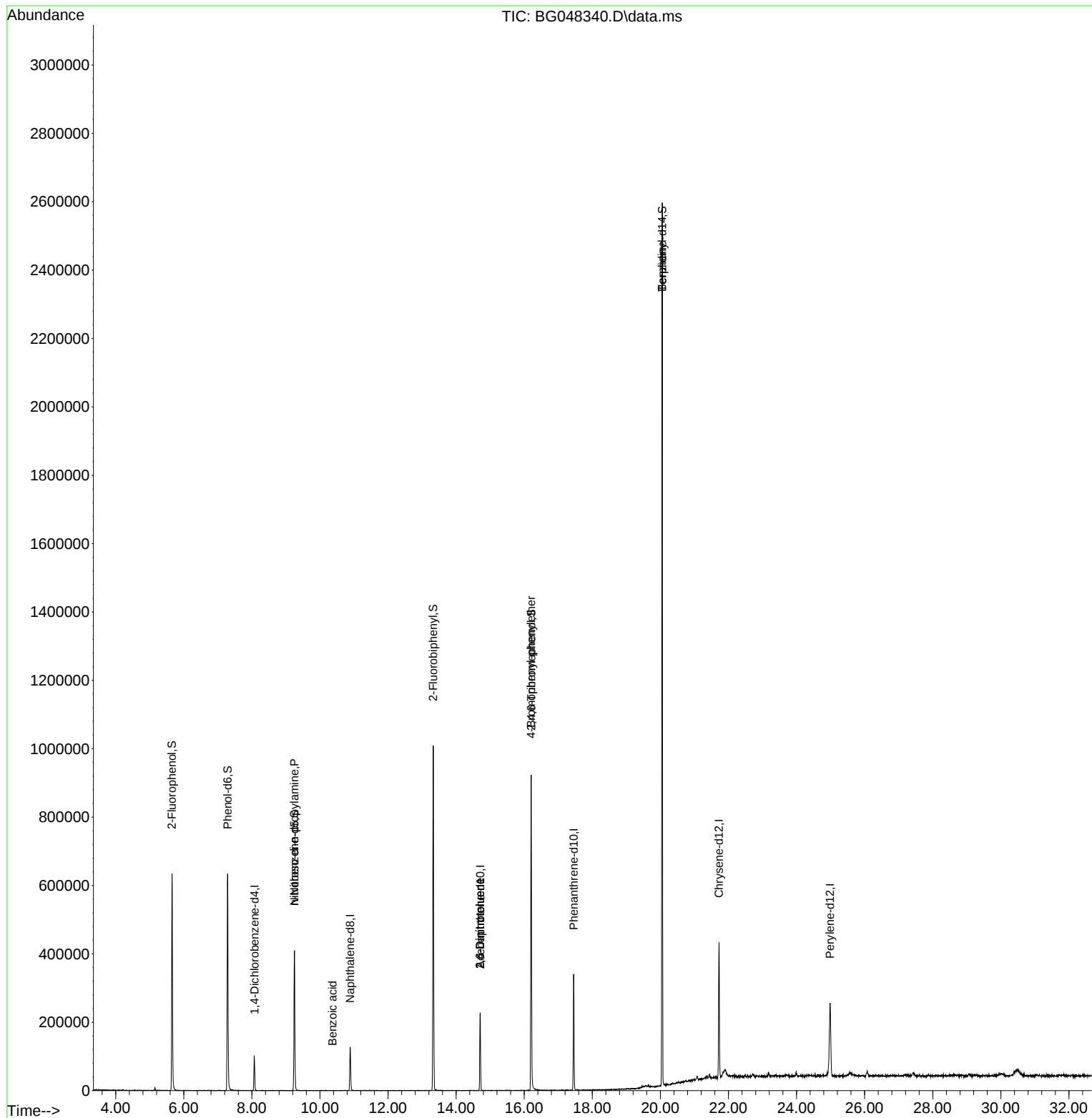
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.074	152	25509	20.00	ng	# 0.00
21) Naphthalene-d8	10.888	136	103622	20.00	ng	# 0.00
39) Acenaphthene-d10	14.707	164	79053	20.00	ng	0.00
64) Phenanthrene-d10	17.451	188	210217	20.00	ng	# 0.00
76) Chrysene-d12	21.723	240	243252	20.00	ng	# 0.00
86) Perylene-d12	24.983	264	233484	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.653	112	237313	158.36	ng	0.00
7) Phenol-d6	7.287	99	330558	145.19	ng	0.00
23) Nitrobenzene-d5	9.249	82	247472	101.02	ng	0.00
42) 2,4,6-Tribromophenol	16.206	330	175180	138.54	ng	0.00
45) 2-Fluorobiphenyl	13.327	172	533266	94.57	ng	0.00
79) Terphenyl-d14	20.054	244	1107412	83.19	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.249	70	39107	22.25	ng	# 82
32) Benzoic acid	10.371	122	73	4.20	ng	# 31
51) 2,6-Dinitrotoluene	14.701	165	11029	7.42	ng	# 32
57) 2,4-Dinitrotoluene	14.701	165	11029	5.14	ng	# 30
67) 4-Bromophenyl-phenylether	16.200	248	12321	4.57	ng	# 1
77) Benzidine	20.054	184	23285	2.93	ng	100

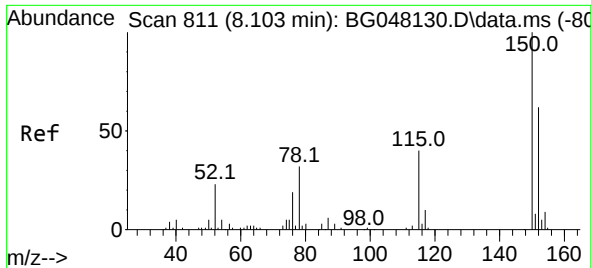
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030521\
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Misc :
ALS Vial : 3 Sample Multiplier: 1

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PB134999TB

Quant Time: Mar 05 16:58:52 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG021021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 05 16:23:55 2021
Response via : Initial Calibration

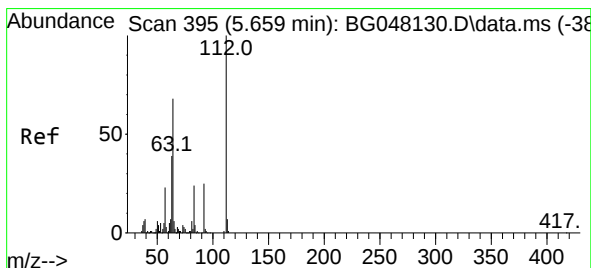
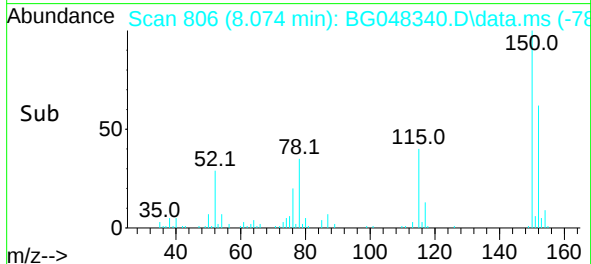
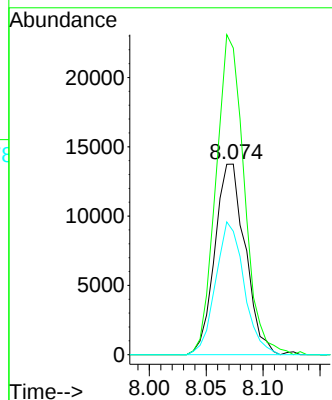
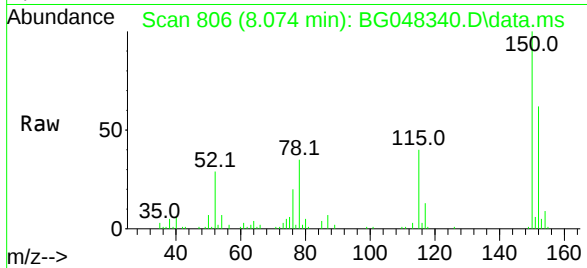




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.074 min Scan# 806
Delta R.T. -0.000 min
Lab File: BG048340.D
Acq: 5 Mar 2021 16:23

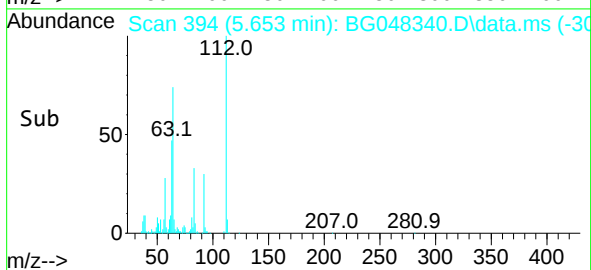
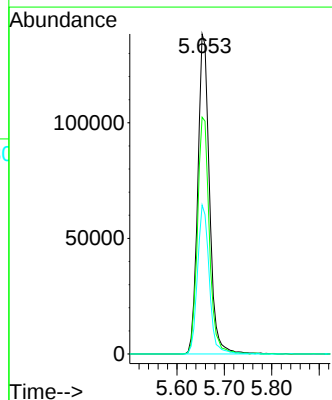
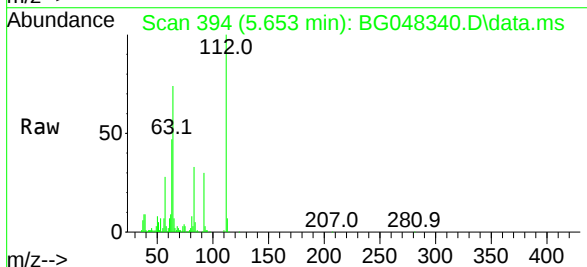
Instrument :
BNA_G
ClientSampled :
PB134999TB

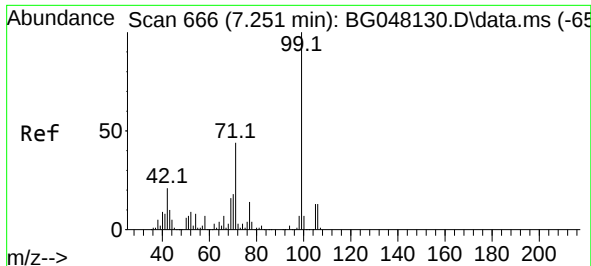
Tgt Ion:152 Resp: 25509
Ion Ratio Lower Upper
152 100
150 160.8 125.0 187.6
115 64.8 41.8 62.6#



#5
2-Fluorophenol
Concen: 158.36 ng
RT: 5.653 min Scan# 394
Delta R.T. -0.000 min
Lab File: BG048340.D
Acq: 5 Mar 2021 16:23

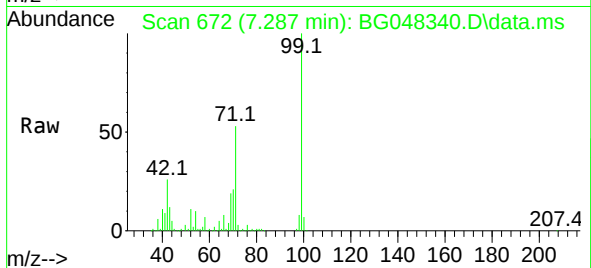
Tgt Ion:112 Resp: 237313
Ion Ratio Lower Upper
112 100
64 74.0 46.7 70.1#
63 46.5 22.8 34.2#



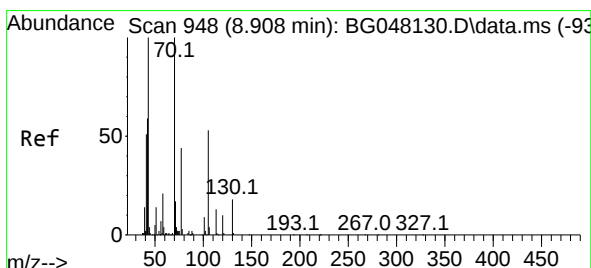
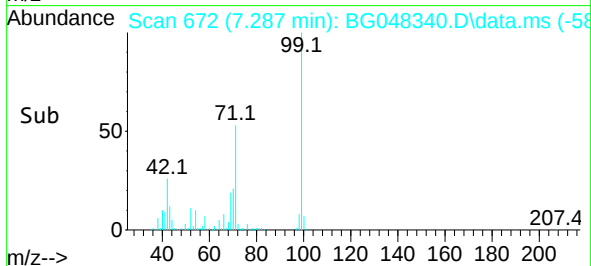
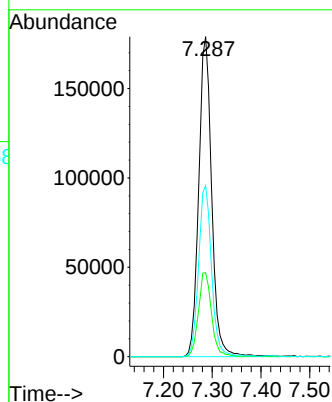


#7
Phenol-d6
Concen: 145.19 ng
RT: 7.287 min Scan# 672
Delta R.T. -0.000 min
Lab File: BG048340.D
Acq: 5 Mar 2021 16:23

Instrument :
BNA_G
ClientSampleId :
PB134999TB

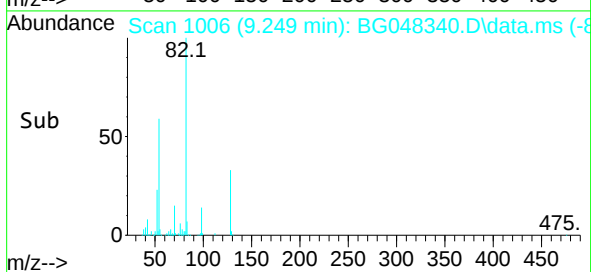
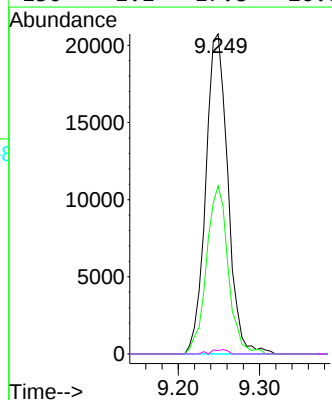
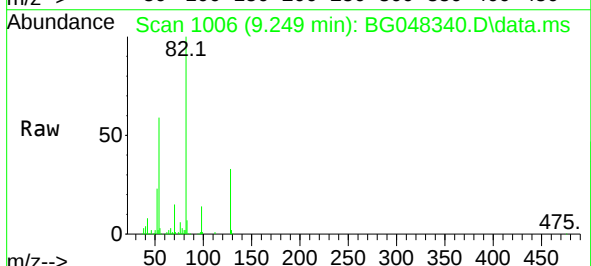


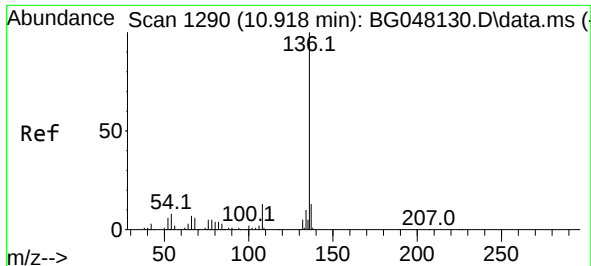
Tgt Ion: 99 Resp: 330558
Ion Ratio Lower Upper
99 100
42 26.2 12.8 19.2#
71 53.5 24.6 36.8#



#19
n-Nitroso-di-n-propylamine
Concen: 22.25 ng
RT: 9.249 min Scan# 1006
Delta R.T. 0.370 min
Lab File: BG048340.D
Acq: 5 Mar 2021 16:23

Tgt Ion: 70 Resp: 39107
Ion Ratio Lower Upper
70 100
42 52.6 45.6 68.4
101 0.0 8.4 12.6#
130 1.1 17.8 26.8#

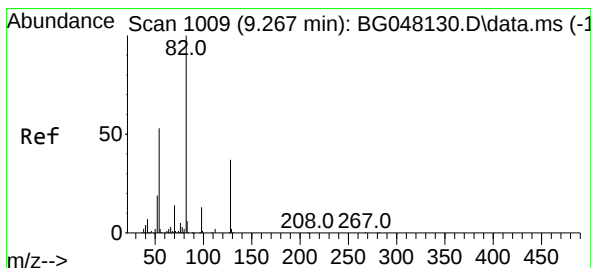
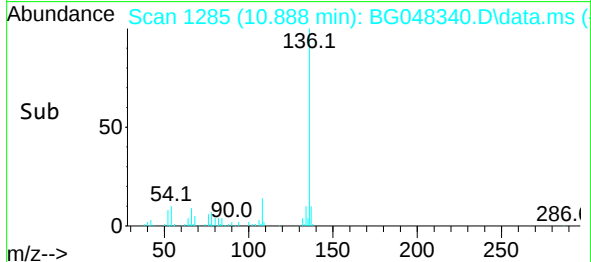
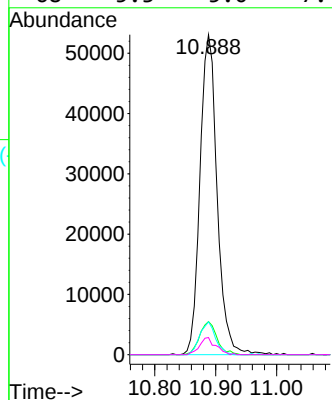
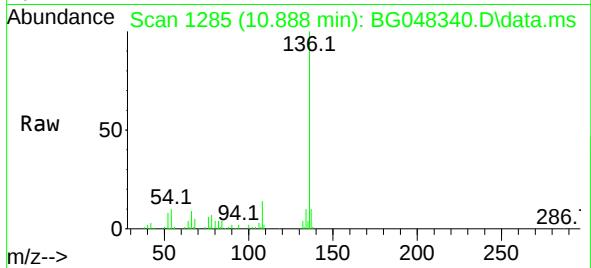




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.888 min Scan# 1285
Delta R.T. -0.000 min
Lab File: BG048340.D
Acq: 5 Mar 2021 16:23

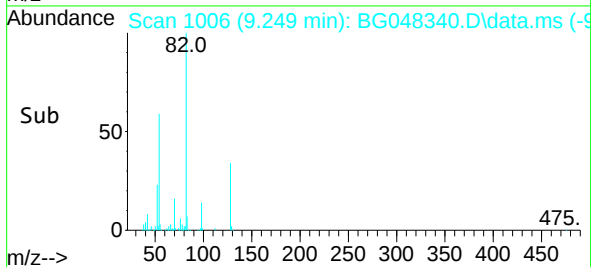
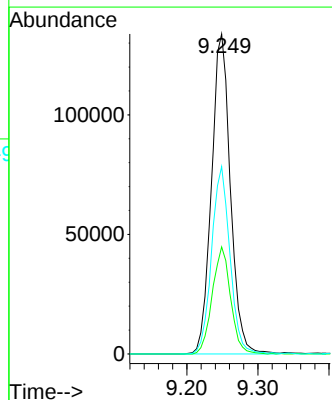
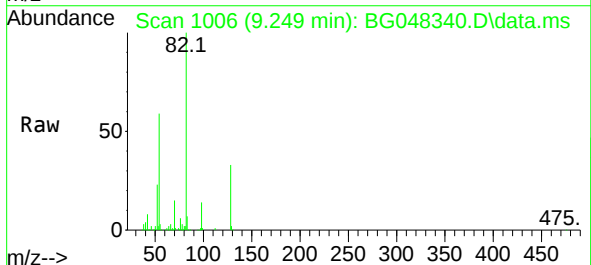
Instrument :
BNA_G
ClientSampleId :
PB134999TB

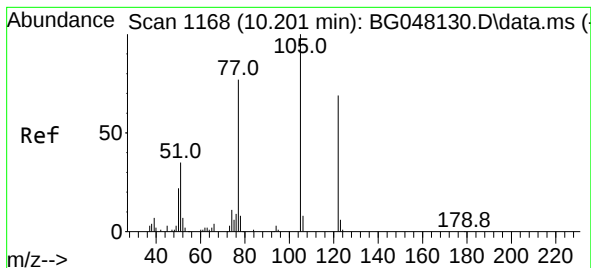
Tgt Ion:136	Resp: 103622
Ion Ratio	Lower Upper
136	100
137	10.4 9.1 13.7
54	10.2 6.2 9.4#
68	5.3 5.0 7.4



#23
Nitrobenzene-d5
Concen: 101.02 ng
RT: 9.249 min Scan# 1006
Delta R.T. -0.000 min
Lab File: BG048340.D
Acq: 5 Mar 2021 16:23

Tgt Ion: 82	Resp: 247472
Ion Ratio	Lower Upper
82	100
128	33.5 37.0 55.6#
54	58.6 39.0 58.4#

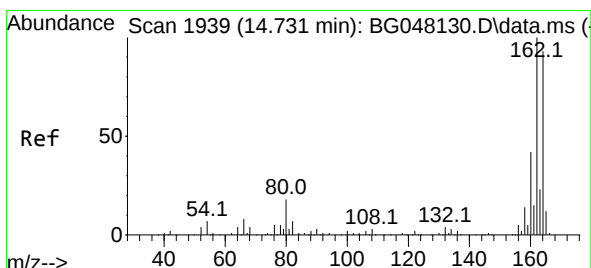
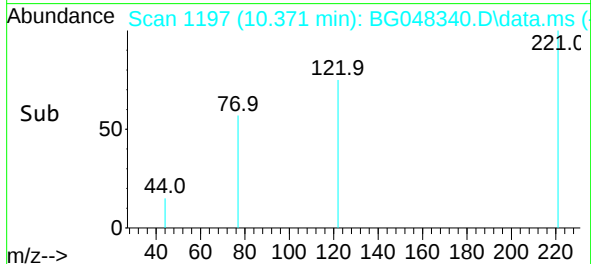
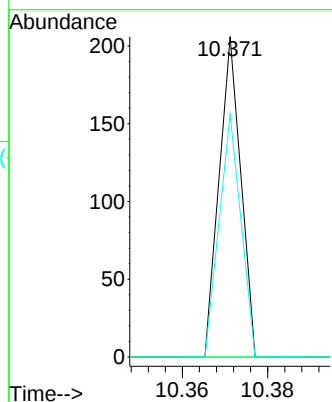
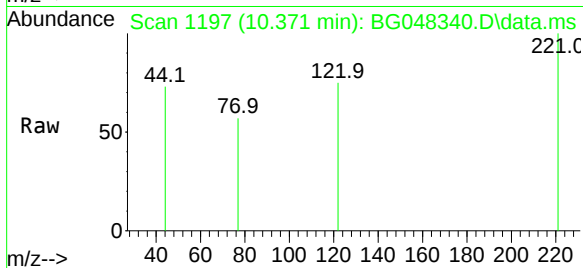




#32
Benzoic acid
Concen: 4.20 ng
RT: 10.371 min Scan# 1197
Delta R.T. 0.117 min
Lab File: BG048340.D
Acq: 5 Mar 2021 16:23

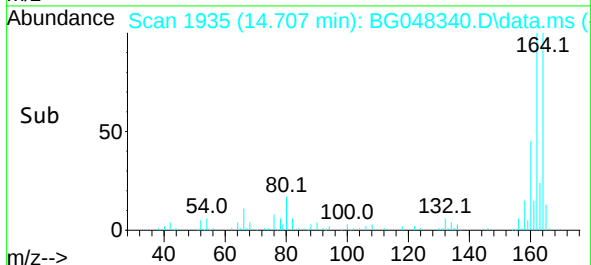
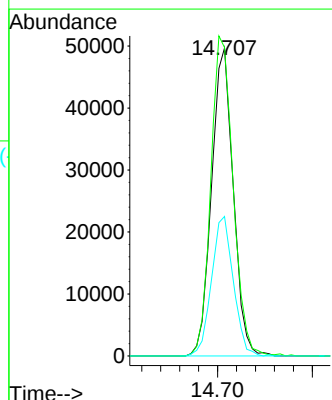
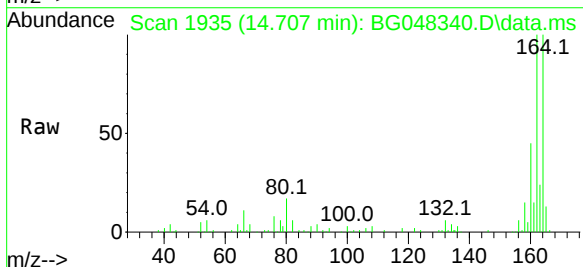
Instrument :
BNA_G
ClientSampleId :
PB134999TB

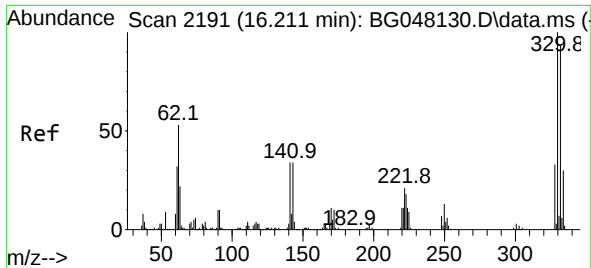
Tgt Ion:122 Resp: 73
Ion Ratio Lower Upper
122 100
105 0.0 103.7 143.7#
77 75.7 63.0 103.0



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.707 min Scan# 1935
Delta R.T. -0.000 min
Lab File: BG048340.D
Acq: 5 Mar 2021 16:23

Tgt Ion:164 Resp: 79053
Ion Ratio Lower Upper
164 100
162 100.2 82.3 123.5
160 45.3 35.3 52.9

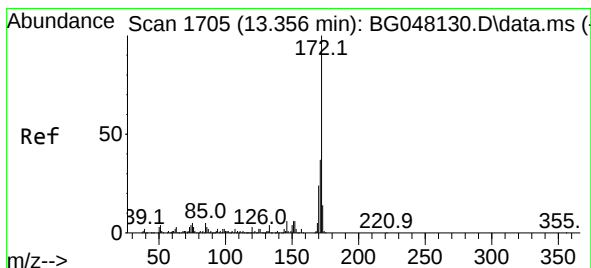
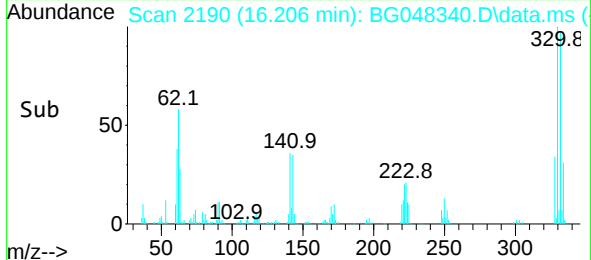
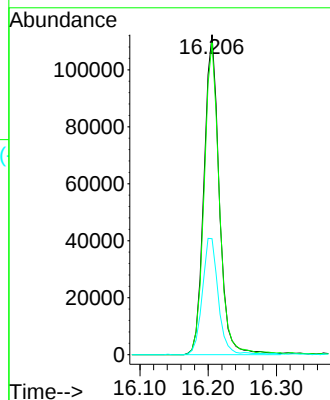
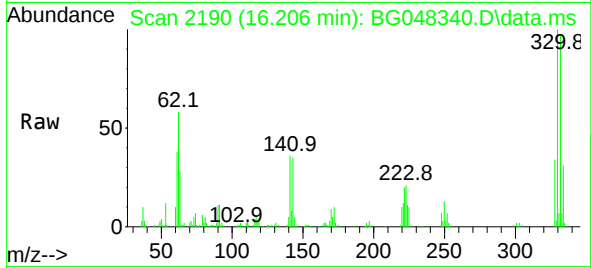




#42
 2,4,6-Tribromophenol
 Concen: 138.54 ng
 RT: 16.206 min Scan# 2190
 Delta R.T. -0.000 min
 Lab File: BG048340.D
 Acq: 5 Mar 2021 16:23

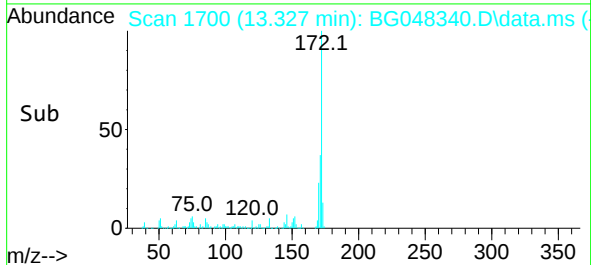
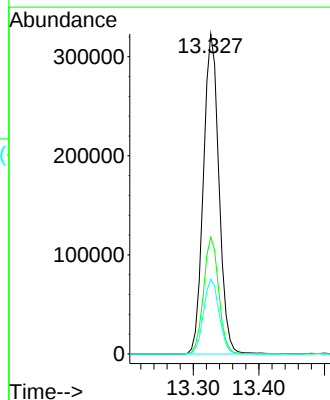
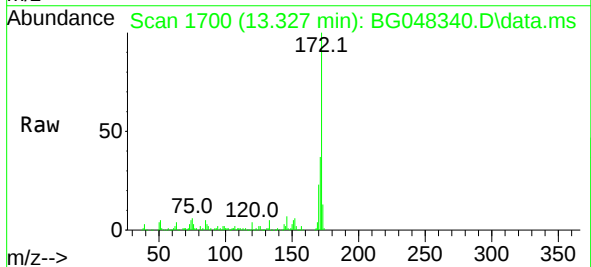
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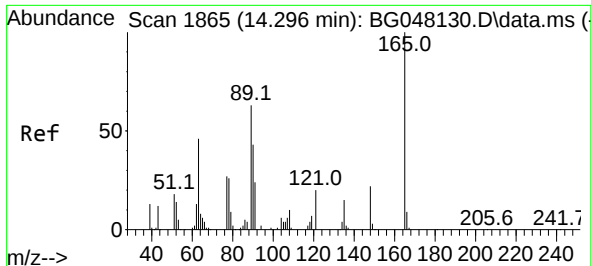
Tgt Ion:330 Resp: 175180
 Ion Ratio Lower Upper
 330 100
 332 97.0 76.5 114.7
 141 38.0 26.0 39.0



#45
 2-Fluorobiphenyl
 Concen: 94.57 ng
 RT: 13.327 min Scan# 1700
 Delta R.T. -0.000 min
 Lab File: BG048340.D
 Acq: 5 Mar 2021 16:23

Tgt Ion:172 Resp: 533266
 Ion Ratio Lower Upper
 172 100
 171 36.5 31.3 46.9
 170 23.4 20.8 31.2

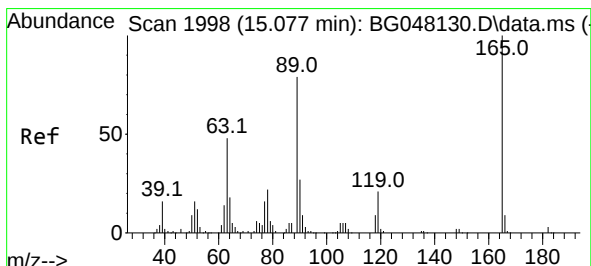
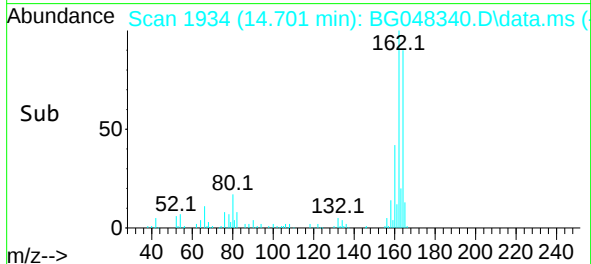
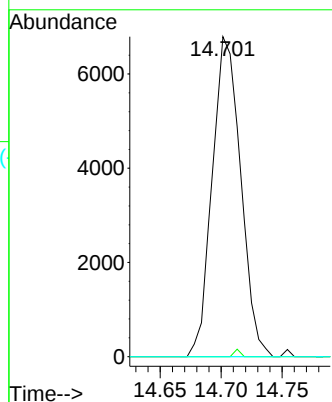
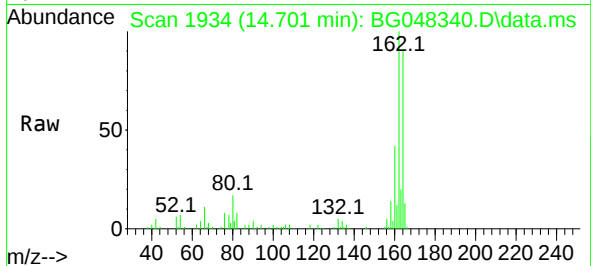




#51
2,6-Dinitrotoluene
Concen: 7.42 ng
RT: 14.701 min Scan# 1934
Delta R.T. 0.405 min
Lab File: BG048340.D
Acq: 5 Mar 2021 16:23

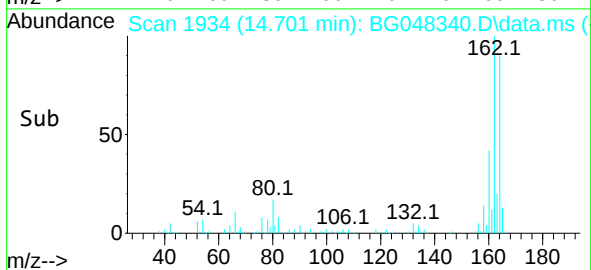
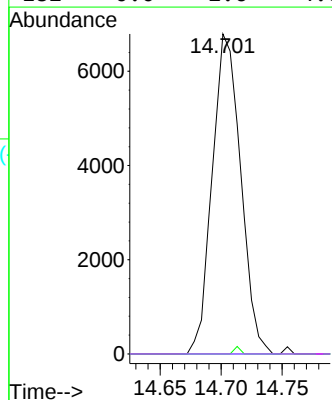
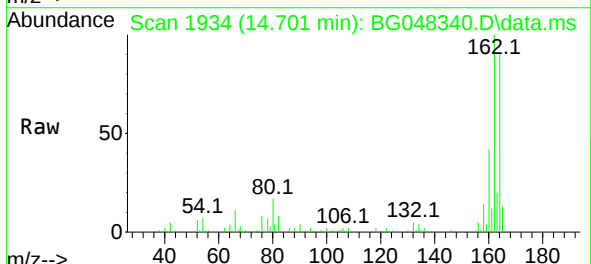
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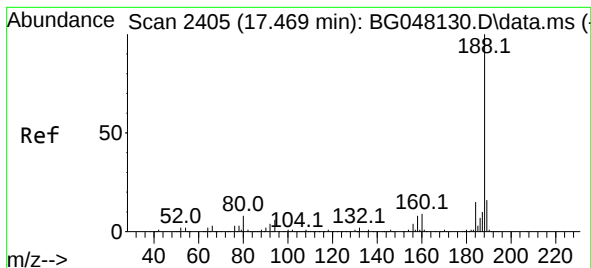
Tgt Ion:165 Resp: 11029
Ion Ratio Lower Upper
165 100
63 0.0 33.7 50.5#
89 0.0 36.6 54.8#



#57
2,4-Dinitrotoluene
Concen: 5.14 ng
RT: 14.701 min Scan# 1934
Delta R.T. -0.388 min
Lab File: BG048340.D
Acq: 5 Mar 2021 16:23

Tgt Ion:165 Resp: 11029
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#

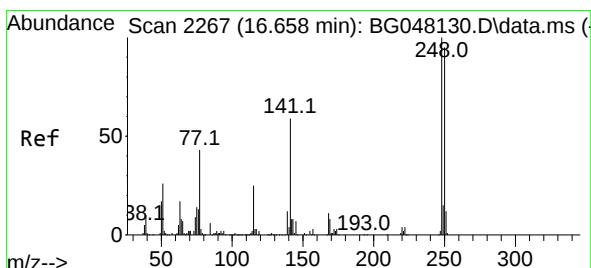
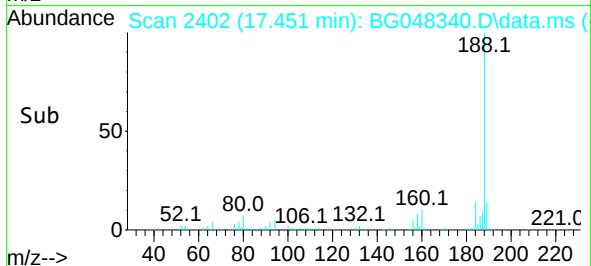
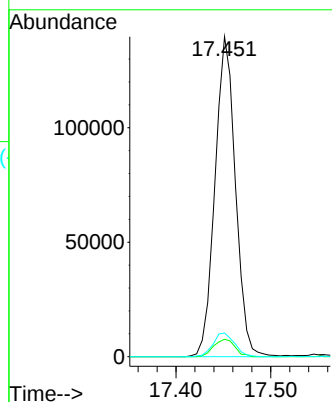
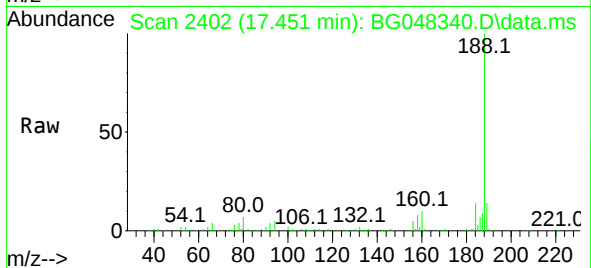




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.451 min Scan# 2402
Delta R.T. -0.006 min
Lab File: BG048340.D
Acq: 5 Mar 2021 16:23

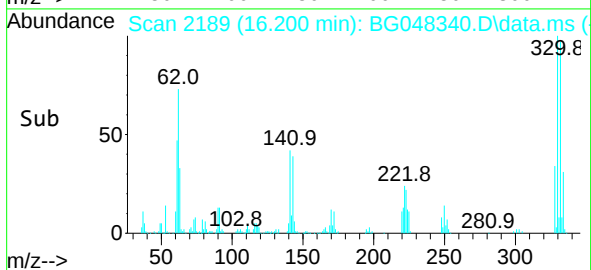
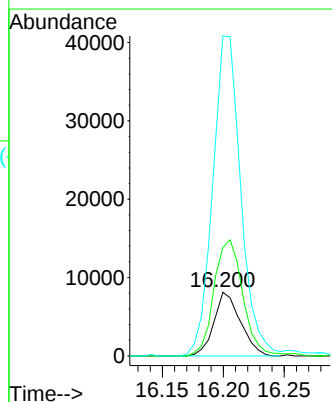
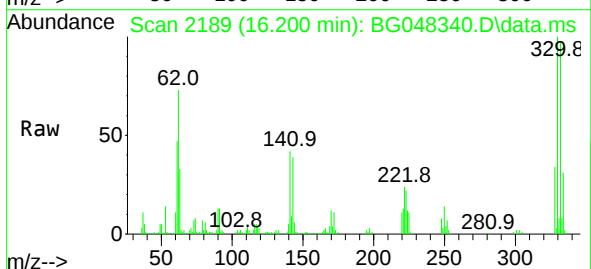
Instrument :
BNA_G
ClientSampleId :
PB134999TB

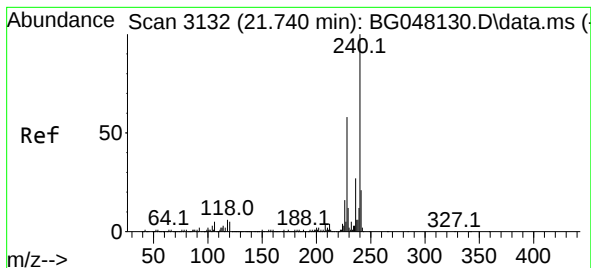
Tgt Ion:188 Resp: 210217
Ion Ratio Lower Upper
188 100
94 5.5 6.3 9.5#
80 7.4 7.0 10.6



#67
4-Bromophenyl-phenylether
Concen: 4.57 ng
RT: 16.200 min Scan# 2189
Delta R.T. -0.435 min
Lab File: BG048340.D
Acq: 5 Mar 2021 16:23

Tgt Ion:248 Resp: 12321
Ion Ratio Lower Upper
248 100
250 170.4 78.9 118.3#
141 502.6 46.2 69.4#

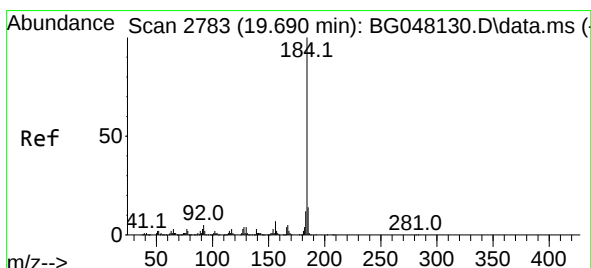
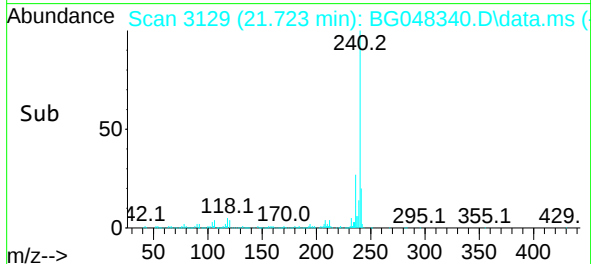
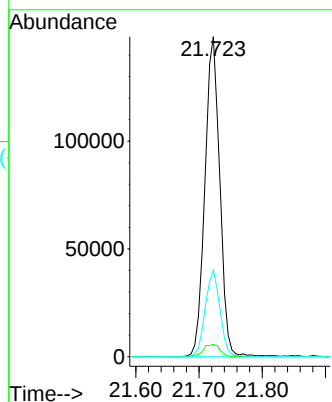
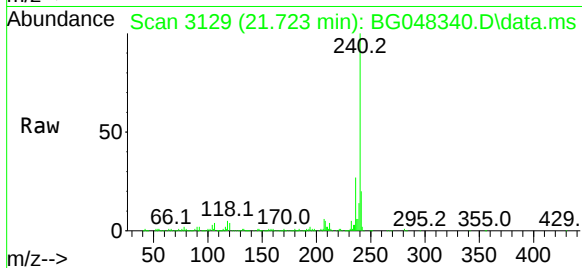




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.723 min Scan# 3129
Delta R.T. -0.006 min
Lab File: BG048340.D
Acq: 5 Mar 2021 16:23

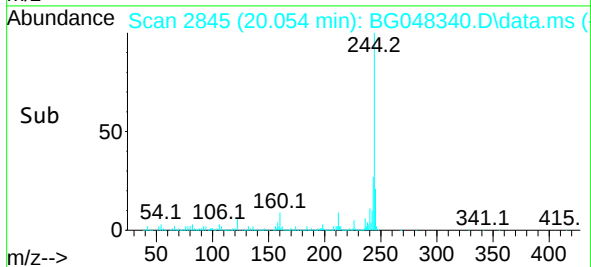
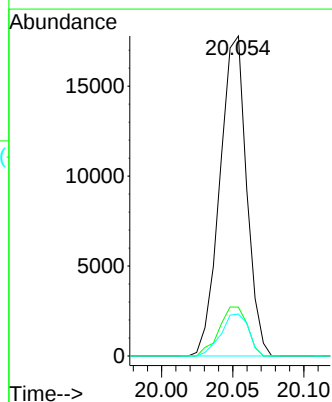
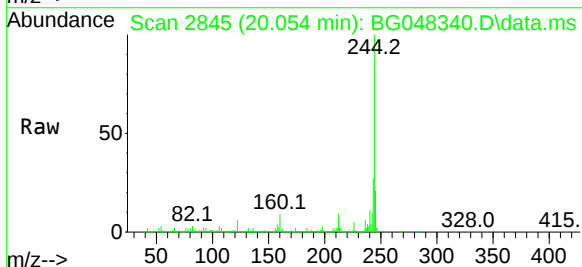
Instrument :
BNA_G
ClientSampleId :
PB134999TB

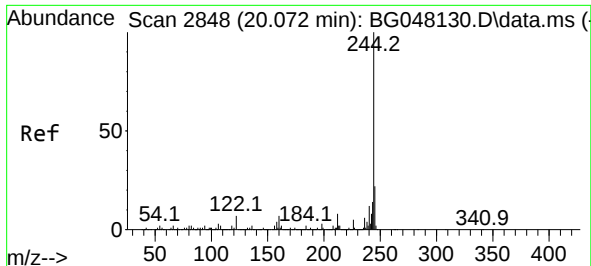
Tgt Ion:240 Resp: 243252
Ion Ratio Lower Upper
240 100
120 3.8 6.2 9.4#
236 27.1 20.5 30.7



#77
Benzidine
Concen: 2.93 ng
RT: 20.054 min Scan# 2845
Delta R.T. 0.370 min
Lab File: BG048340.D
Acq: 5 Mar 2021 16:23

Tgt Ion:184 Resp: 23285
Ion Ratio Lower Upper
184 100
185 15.3 12.4 18.6
183 13.1 10.6 15.8

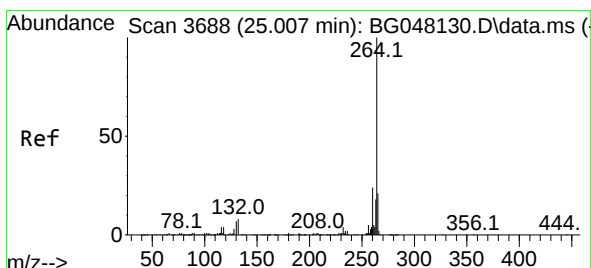
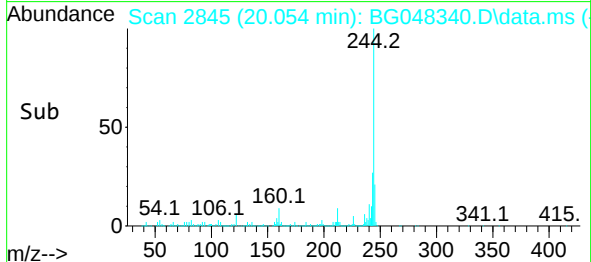
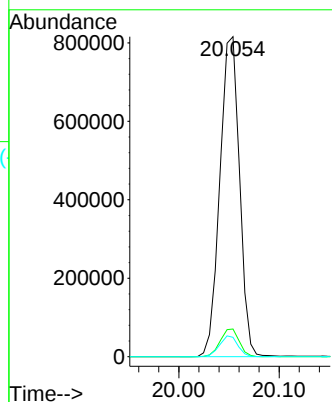
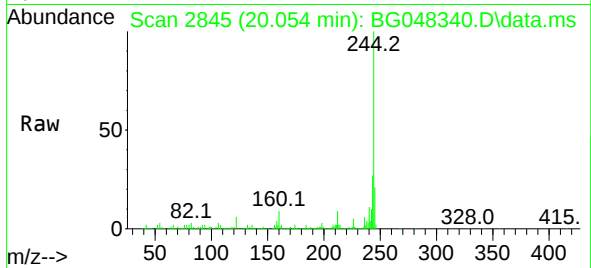




#79
 Terphenyl-d14
 Concen: 83.19 ng
 RT: 20.054 min Scan# 2845
 Delta R.T. -0.000 min
 Lab File: BG048340.D
 Acq: 5 Mar 2021 16:23

Instrument :
 BNA_G
 ClientSampled :
 PB134999TB

Tgt Ion:244 Resp: 1107412
 Ion Ratio Lower Upper
 244 100
 212 8.6 6.7 10.1
 122 6.0 7.8 11.6#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 24.983 min Scan# 3684
 Delta R.T. -0.006 min
 Lab File: BG048340.D
 Acq: 5 Mar 2021 16:23

Tgt Ion:264 Resp: 233484
 Ion Ratio Lower Upper
 264 100
 260 25.8 18.8 28.2
 265 21.5 17.8 26.8

