

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102820\
 Data File : BG047103.D
 Acq On : 28 Oct 2020 11:16
 Operator : CG/JU
 Sample : PB132419BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB132419BL

Quant Time: Oct 28 12:21:17 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102720.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 27 02:55:38 2020
 Response via : Initial Calibration

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

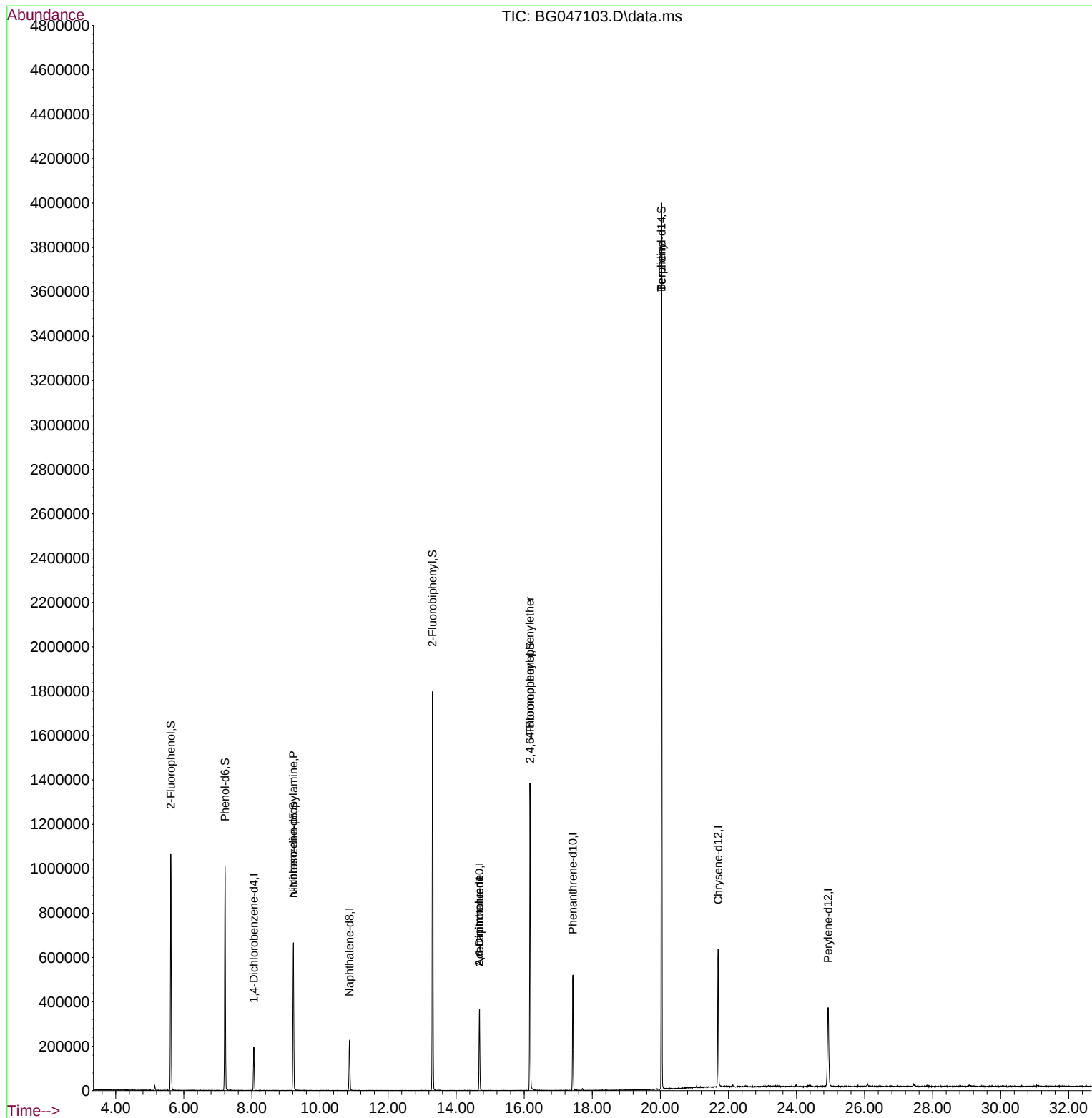
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.056	152	53745	20.00	ng	0.00
21) Naphthalene-d8	10.870	136	198109	20.00	ng	# 0.00
39) Acenaphthene-d10	14.683	164	135887	20.00	ng	0.00
64) Phenanthrene-d10	17.427	188	338232	20.00	ng	# 0.00
76) Chrysene-d12	21.699	240	398572	20.00	ng	# 0.00
86) Perylene-d12	24.930	264	406244	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.617	112	416798	137.47	ng	0.00
7) Phenol-d6	7.210	99	538512	122.82	ng	0.00
23) Nitrobenzene-d5	9.219	82	393836	95.20	ng	0.00
42) 2,4,6-Tribromophenol	16.176	330	277022	127.19	ng	0.00
45) 2-Fluorobiphenyl	13.308	172	922430	95.97	ng	0.00
79) Terphenyl-d14	20.036	244	1750798	85.41	ng	0.00
Target Compounds						
9) Benzaldehyde	7.215	77	1090	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	9.219	70	55520	18.59	ng	# 76
51) 2,6-Dinitrotoluene	14.683	165	17457	7.48	ng	# 36
57) 2,4-Dinitrotoluene	14.683	165	17457	5.21	ng	# 34
67) 4-Bromophenyl-phenylether	16.170	248	18102	4.07	ng	# 1
77) Benzidine	20.036	184	29966	3.29	ng	# 92

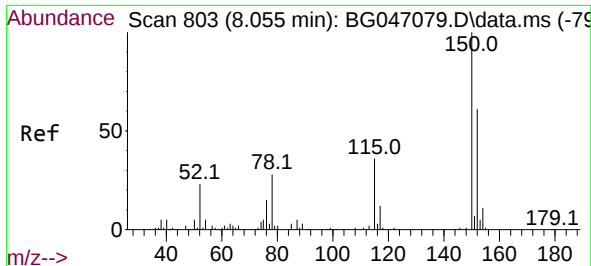
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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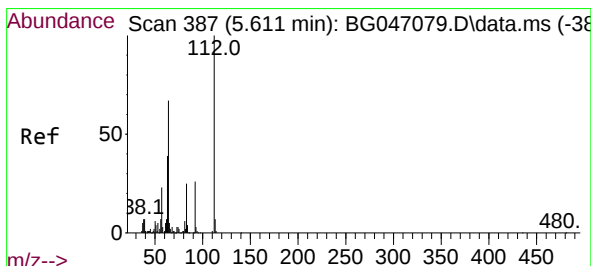
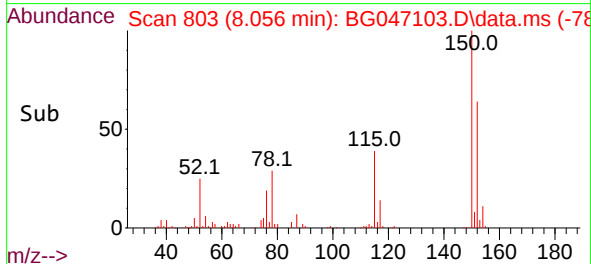
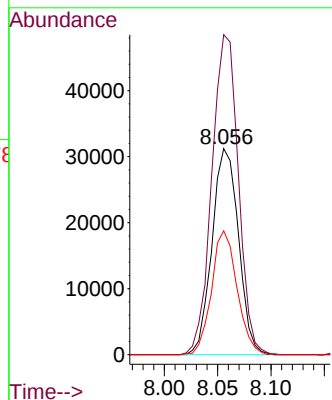
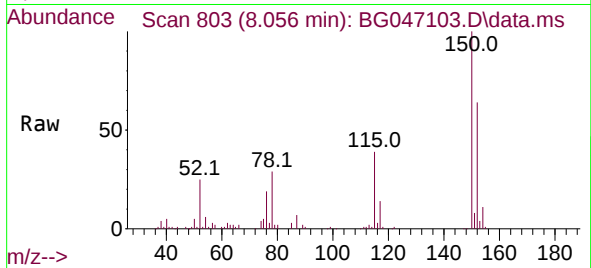




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.056 min Scan# 803
Delta R.T. 0.001 min
Lab File: BG047103.D
Acq: 28 Oct 2020 11:16

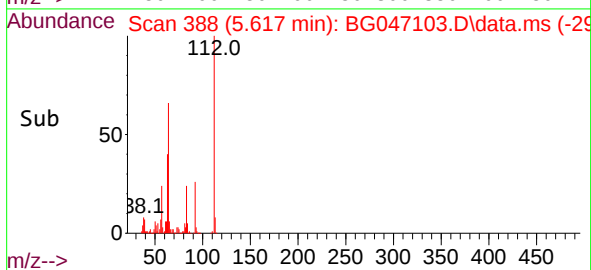
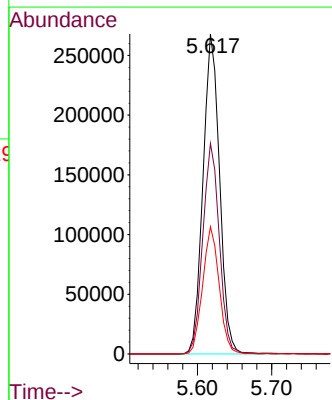
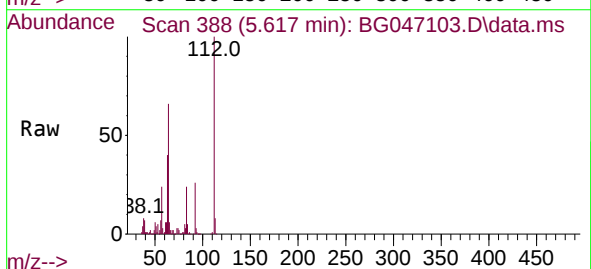
Instrument :
BNA_G
ClientSampleId :
PB132419BL

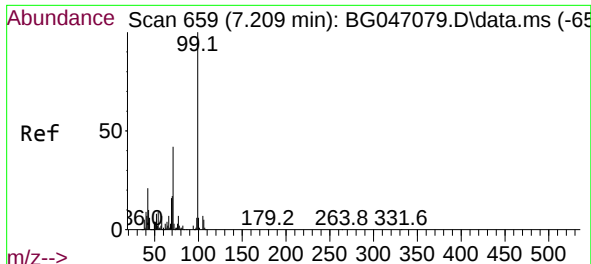
Tgt Ion:152 Resp: 53745
Ion Ratio Lower Upper
152 100
150 155.2 125.0 187.6
115 60.0 41.8 62.6



#5
2-Fluorophenol
Concen: 137.47 ng
RT: 5.617 min Scan# 388
Delta R.T. 0.006 min
Lab File: BG047103.D
Acq: 28 Oct 2020 11:16

Tgt Ion:112 Resp: 416798
Ion Ratio Lower Upper
112 100
64 65.8 46.7 70.1
63 39.8 22.8 34.2#

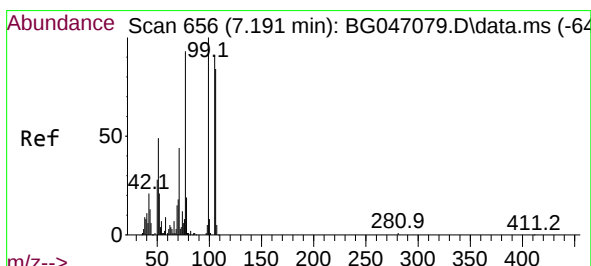
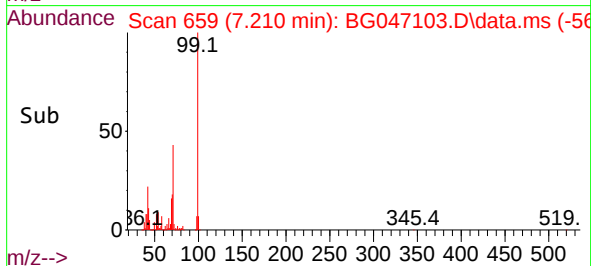
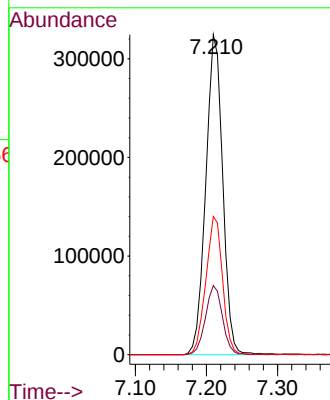
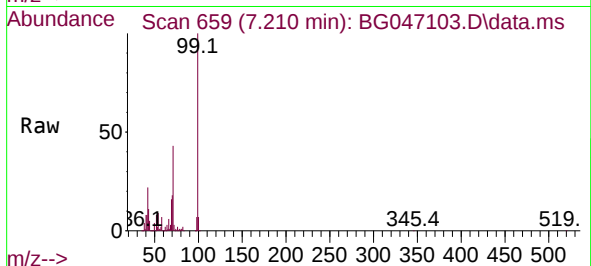




#7
Phenol-d6
Concen: 122.82 ng
RT: 7.210 min Scan# 659
Delta R.T. 0.001 min
Lab File: BG047103.D
Acq: 28 Oct 2020 11:16

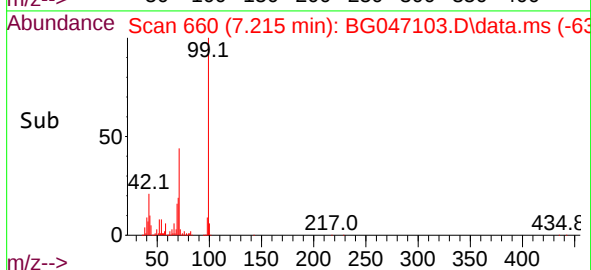
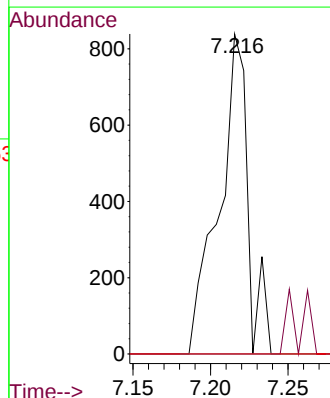
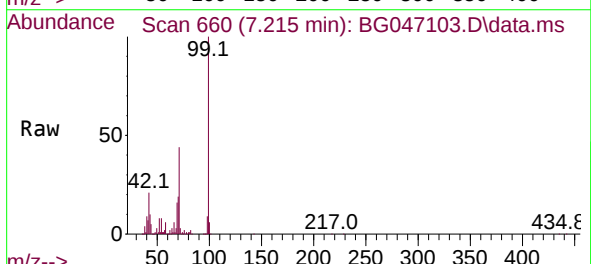
Instrument :
BNA_G
ClientSampleId :
PB132419BL

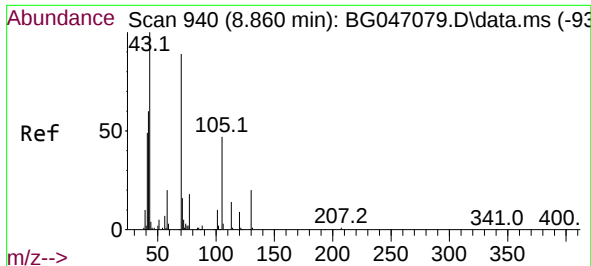
Tgt Ion: 99 Resp: 538512
Ion Ratio Lower Upper
99 100
42 21.6 12.8 19.2#
71 43.2 24.6 36.8#



#9
Benzaldehyde
Concen: Below Cal
RT: 7.215 min Scan# 660
Delta R.T. 0.024 min
Lab File: BG047103.D
Acq: 28 Oct 2020 11:16

Tgt Ion: 77 Resp: 1090
Ion Ratio Lower Upper
77 100
105 0.0 85.9 125.9#
106 0.0 80.9 120.9#



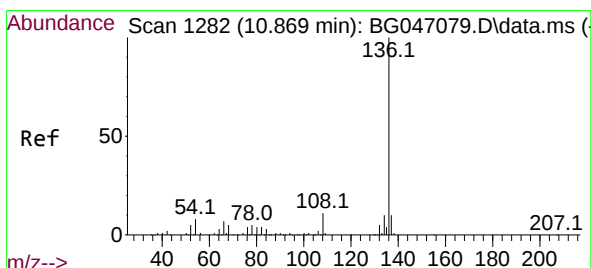
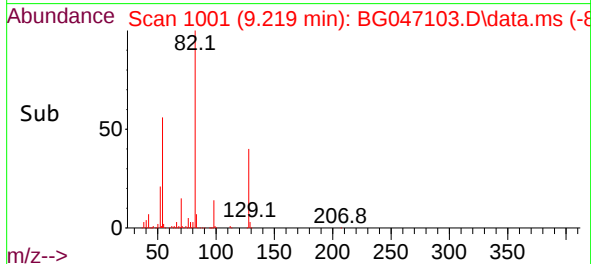
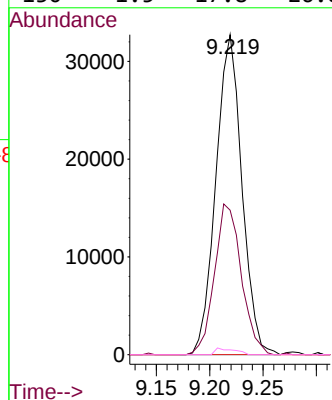
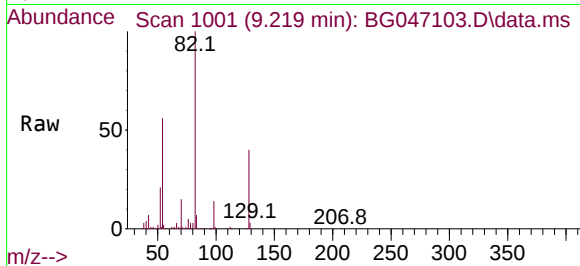


#19
n-Nitroso-di-n-propylamine
Concen: 18.59 ng
RT: 9.219 min Scan# 1001
Delta R.T. 0.359 min
Lab File: BG047103.D
Acq: 28 Oct 2020 11:16

Instrument :
BNA_G
ClientSampleId :
PB132419BL

Tgt Ion: 70 Resp: 55520

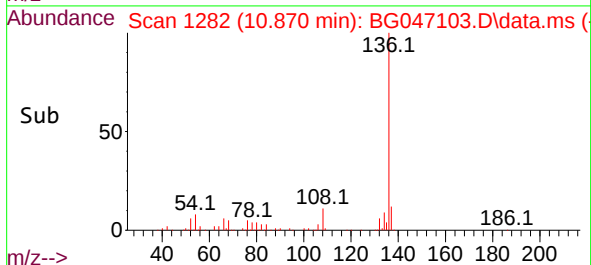
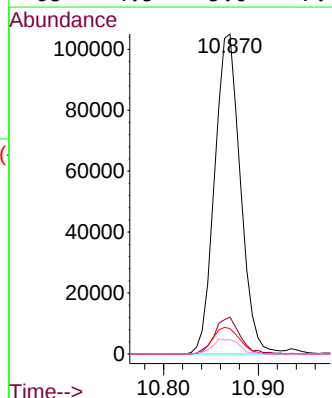
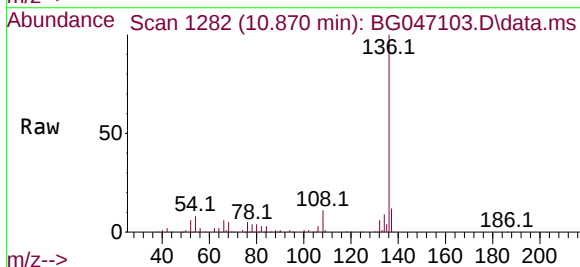
Ion	Ratio	Lower	Upper
70	100		
42	45.2	45.6	68.4#
101	0.0	8.4	12.6#
130	1.5	17.8	26.8#

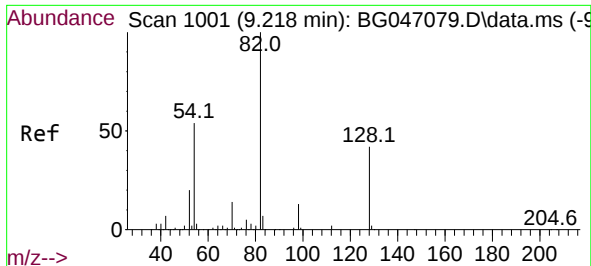


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.870 min Scan# 1282
Delta R.T. 0.001 min
Lab File: BG047103.D
Acq: 28 Oct 2020 11:16

Tgt Ion: 136 Resp: 198109

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.1	13.7
54	7.9	6.2	9.4
68	4.5	5.0	7.4#

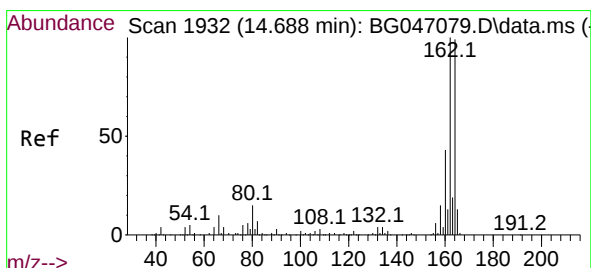
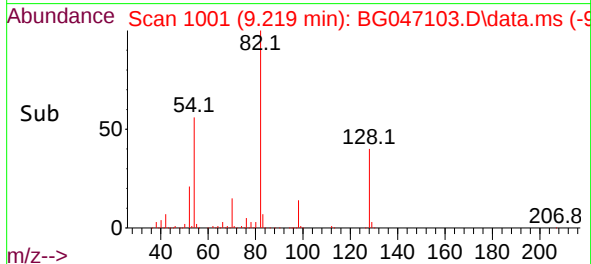
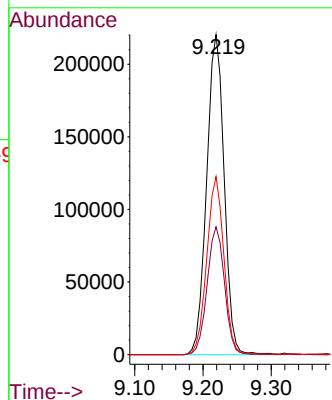
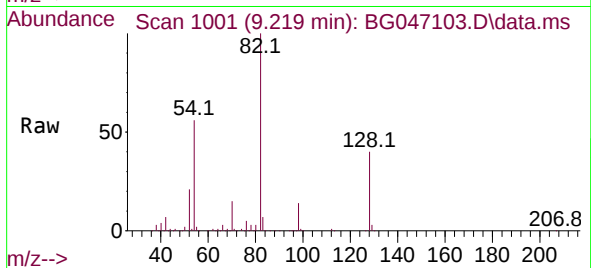




#23
Nitrobenzene-d5
Concen: 95.20 ng
RT: 9.219 min Scan# 1001
Delta R.T. 0.001 min
Lab File: BG047103.D
Acq: 28 Oct 2020 11:16

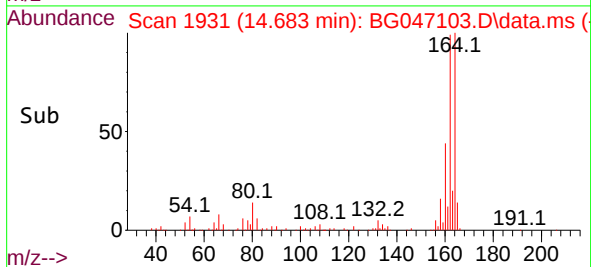
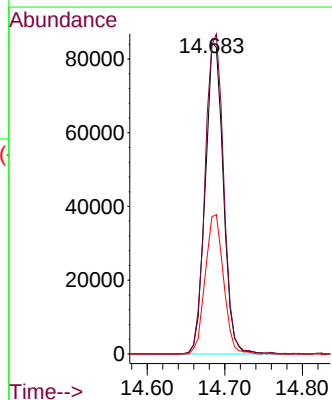
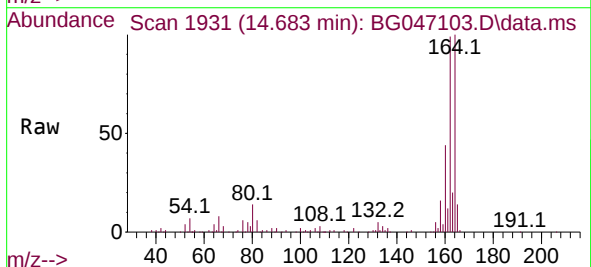
Instrument :
BNA_G
ClientSampleId :
PB132419BL

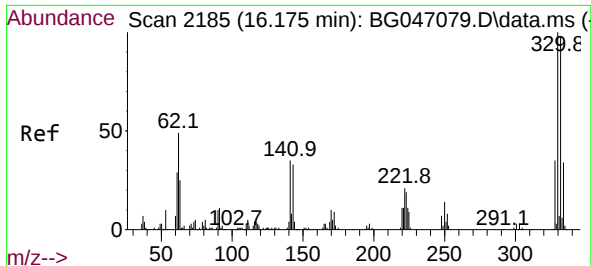
Tgt Ion: 82 Resp: 393836
Ion Ratio Lower Upper
82 100
128 39.9 37.0 55.6
54 55.7 39.0 58.4



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.683 min Scan# 1931
Delta R.T. -0.005 min
Lab File: BG047103.D
Acq: 28 Oct 2020 11:16

Tgt Ion:164 Resp: 135887
Ion Ratio Lower Upper
164 100
162 99.1 82.3 123.5
160 44.1 35.3 52.9

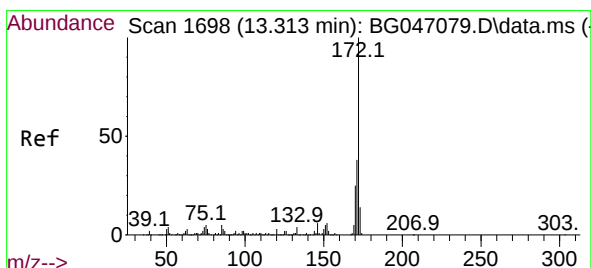
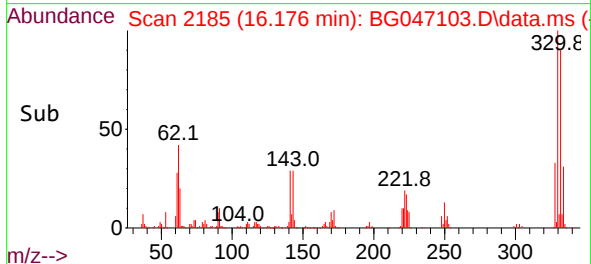
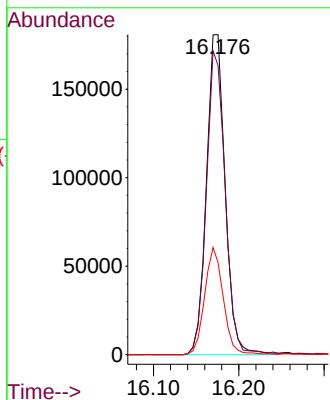
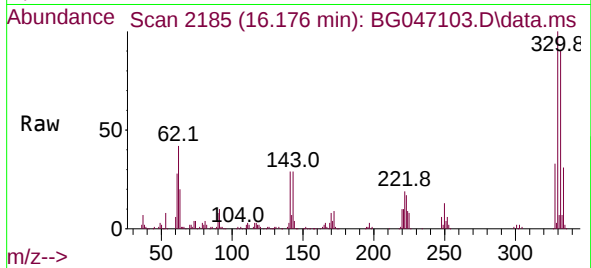




#42
2,4,6-Tribromophenol
Concen: 127.19 ng
RT: 16.176 min Scan# 2185
Delta R.T. 0.001 min
Lab File: BG047103.D
Acq: 28 Oct 2020 11:16

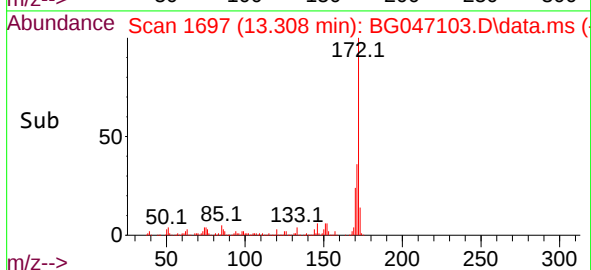
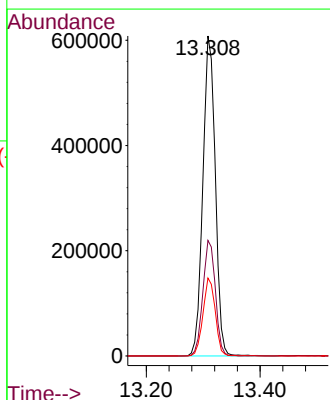
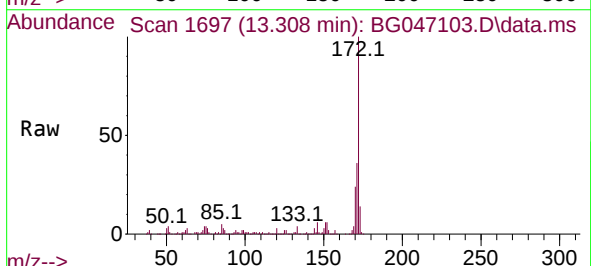
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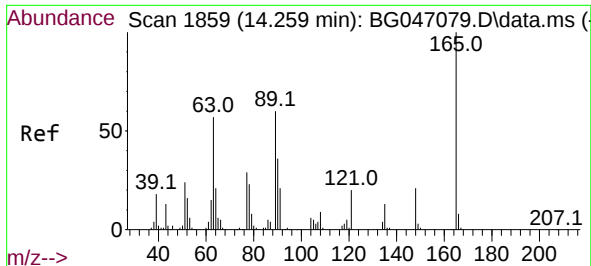
Tgt Ion:330 Resp: 277022
Ion Ratio Lower Upper
330 100
332 94.7 76.5 114.7
141 33.2 26.0 39.0



#45
2-Fluorobiphenyl
Concen: 95.97 ng
RT: 13.308 min Scan# 1697
Delta R.T. -0.005 min
Lab File: BG047103.D
Acq: 28 Oct 2020 11:16

Tgt Ion:172 Resp: 922430
Ion Ratio Lower Upper
172 100
171 36.1 31.3 46.9
170 24.4 20.8 31.2

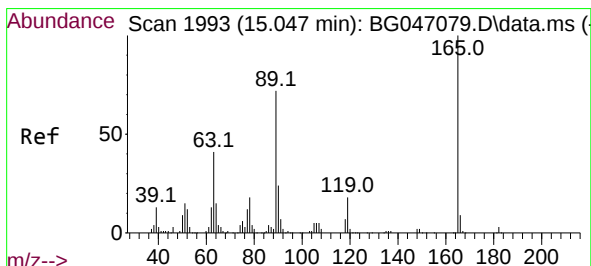
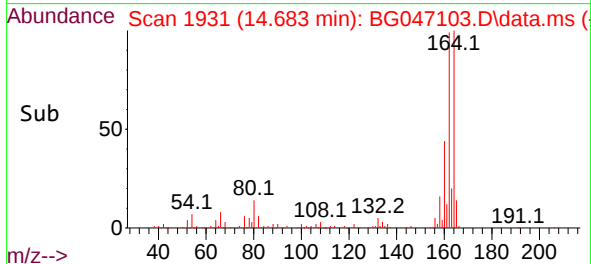
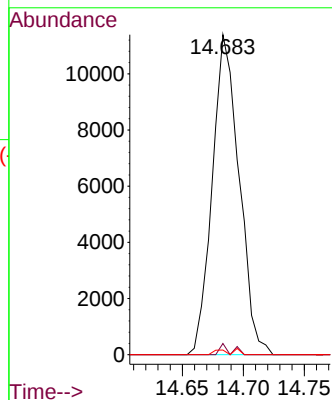
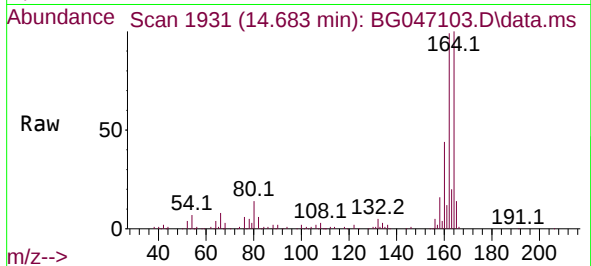




#51
2,6-Dinitrotoluene
Concen: 7.48 ng
RT: 14.683 min Scan# 1931
Delta R.T. 0.424 min
Lab File: BG047103.D
Acq: 28 Oct 2020 11:16

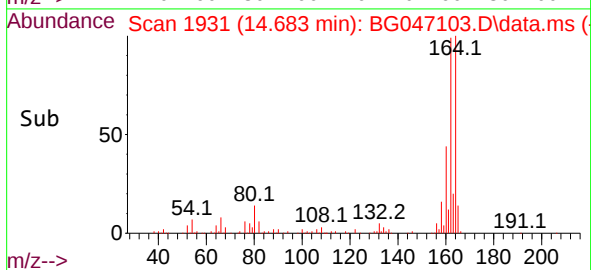
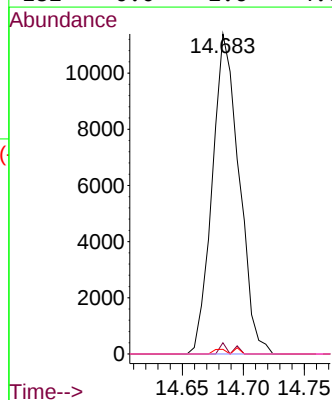
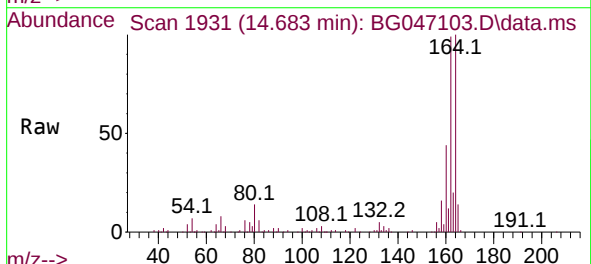
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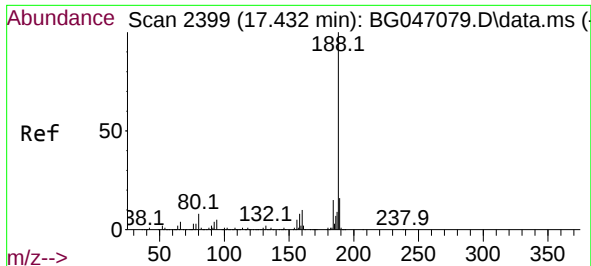
Tgt Ion:165 Resp: 17457
Ion Ratio Lower Upper
165 100
63 3.5 33.7 50.5#
89 1.4 36.6 54.8#



#57
2,4-Dinitrotoluene
Concen: 5.21 ng
RT: 14.683 min Scan# 1931
Delta R.T. -0.364 min
Lab File: BG047103.D
Acq: 28 Oct 2020 11:16

Tgt Ion:165 Resp: 17457
Ion Ratio Lower Upper
165 100
63 3.5 26.4 39.6#
89 1.4 47.8 71.8#
182 0.0 2.6 4.0#

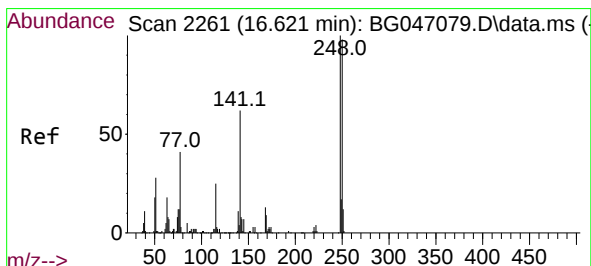
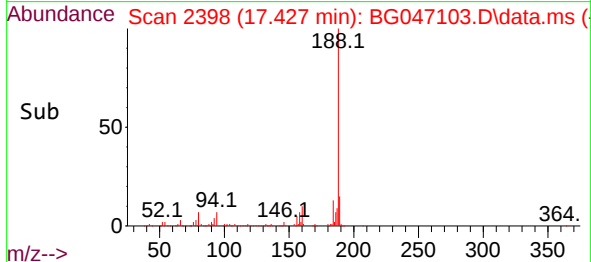
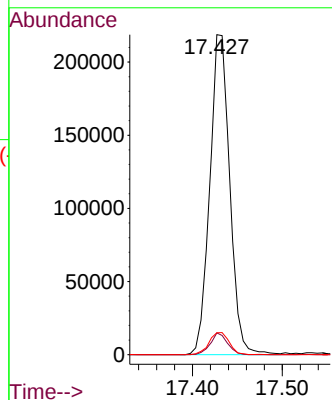
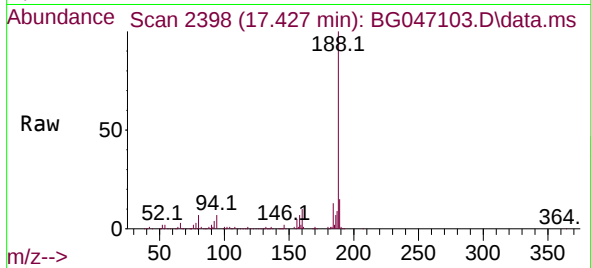




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.427 min Scan# 2398
Delta R.T. -0.005 min
Lab File: BG047103.D
Acq: 28 Oct 2020 11:16

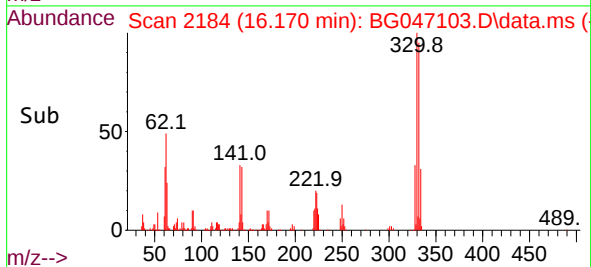
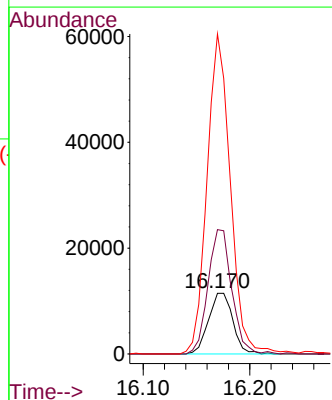
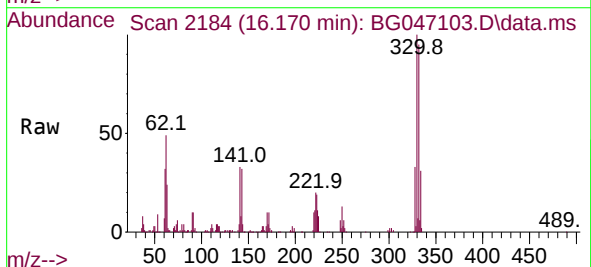
Instrument :
BNA_G
ClientSampleId :
PB132419BL

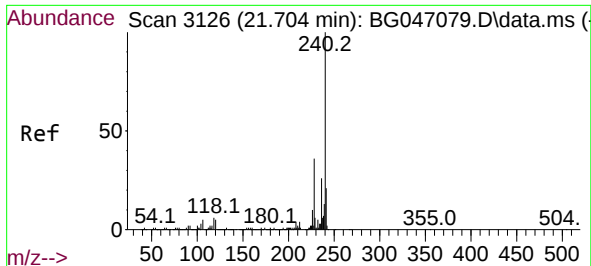
Tgt Ion:188 Resp: 338232
Ion Ratio Lower Upper
188 100
94 6.8 6.3 9.5
80 6.8 7.0 10.6#



#67
4-Bromophenyl-phenylether
Concen: 4.07 ng
RT: 16.170 min Scan# 2184
Delta R.T. -0.452 min
Lab File: BG047103.D
Acq: 28 Oct 2020 11:16

Tgt Ion:248 Resp: 18102
Ion Ratio Lower Upper
248 100
250 204.7 78.9 118.3#
141 527.0 46.2 69.4#

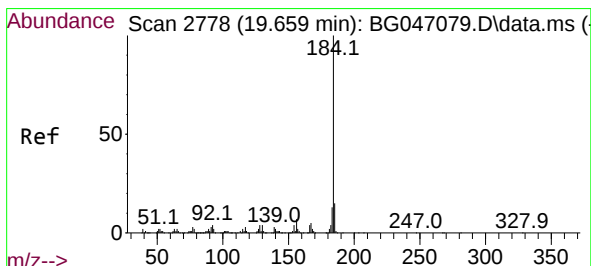
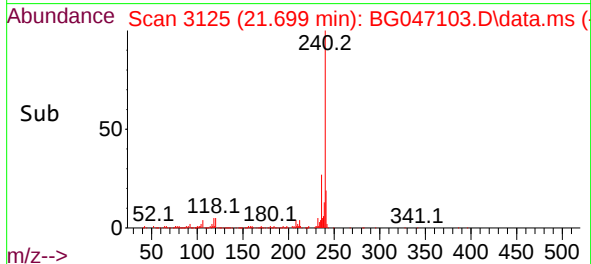
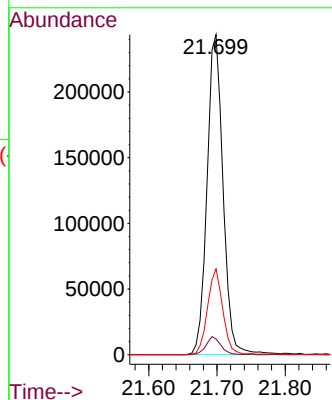
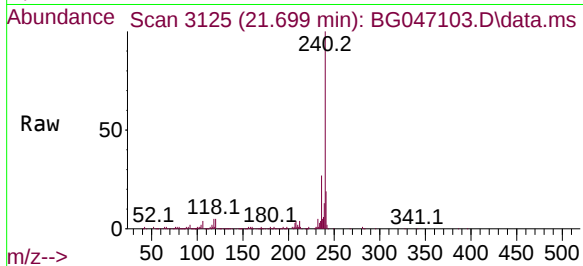




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.699 min Scan# 3125
Delta R.T. -0.005 min
Lab File: BG047103.D
Acq: 28 Oct 2020 11:16

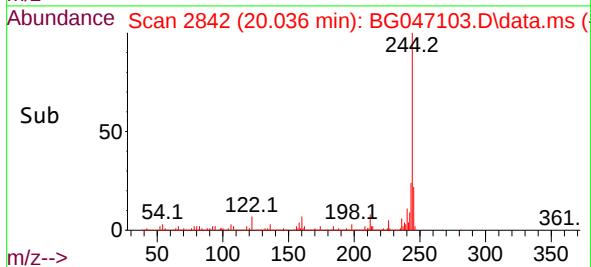
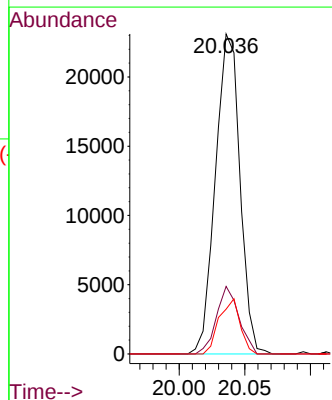
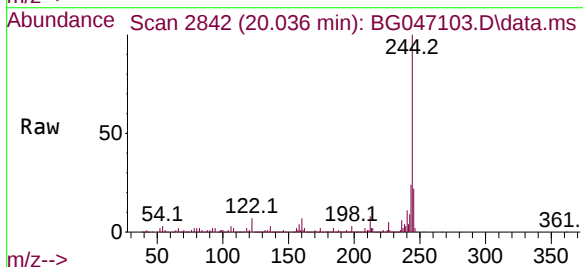
Instrument :
BNA_G
ClientSampleId :
PB132419BL

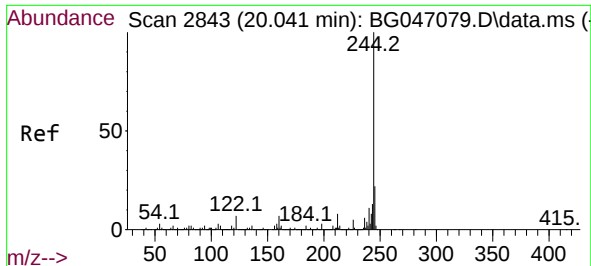
Tgt Ion:240 Resp: 398572
Ion Ratio Lower Upper
240 100
120 4.9 6.2 9.4#
236 26.8 20.5 30.7



#77
Benzidine
Concen: 3.29 ng
RT: 20.036 min Scan# 2842
Delta R.T. 0.377 min
Lab File: BG047103.D
Acq: 28 Oct 2020 11:16

Tgt Ion:184 Resp: 29966
Ion Ratio Lower Upper
184 100
185 21.1 12.4 18.6#
183 14.0 10.6 15.8

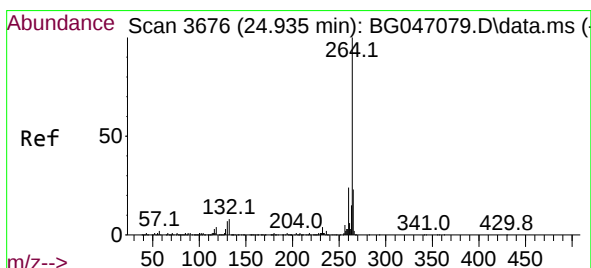
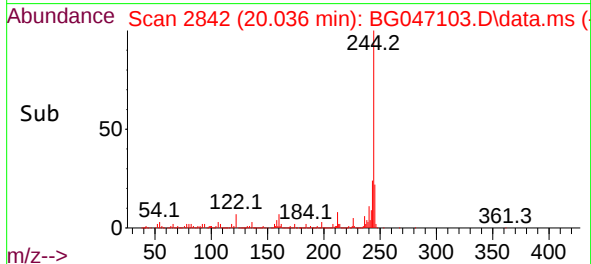
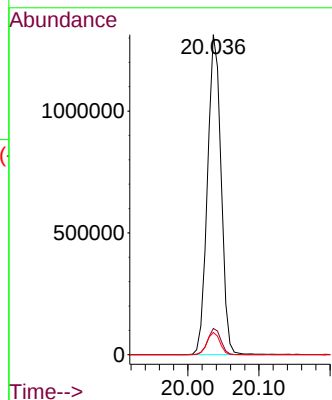
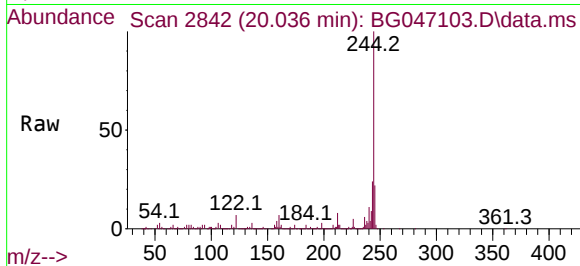




#79
Terphenyl-d14
Concen: 85.41 ng
RT: 20.036 min Scan# 2842
Delta R.T. -0.005 min
Lab File: BG047103.D
Acq: 28 Oct 2020 11:16

Instrument :
BNA_G
ClientSampleId :
PB132419BL

Tgt Ion:244 Resp: 1750798
Ion Ratio Lower Upper
244 100
212 8.2 6.7 10.1
122 6.9 7.8 11.6#



#86
Perylene-d12
Concen: 20.00 ng
RT: 24.930 min Scan# 3675
Delta R.T. -0.005 min
Lab File: BG047103.D
Acq: 28 Oct 2020 11:16

Tgt Ion:264 Resp: 406244
Ion Ratio Lower Upper
264 100
260 23.5 18.8 28.2
265 22.9 17.8 26.8

