

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100920\
 Data File : BG046837.D
 Acq On : 9 Oct 2020 17:03
 Operator : CG/JU
 Sample : L4303-21
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 IDW-20201006

Quant Time: Oct 09 18:21:10 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 07 11:38:17 2020
 Response via : Initial Calibration

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

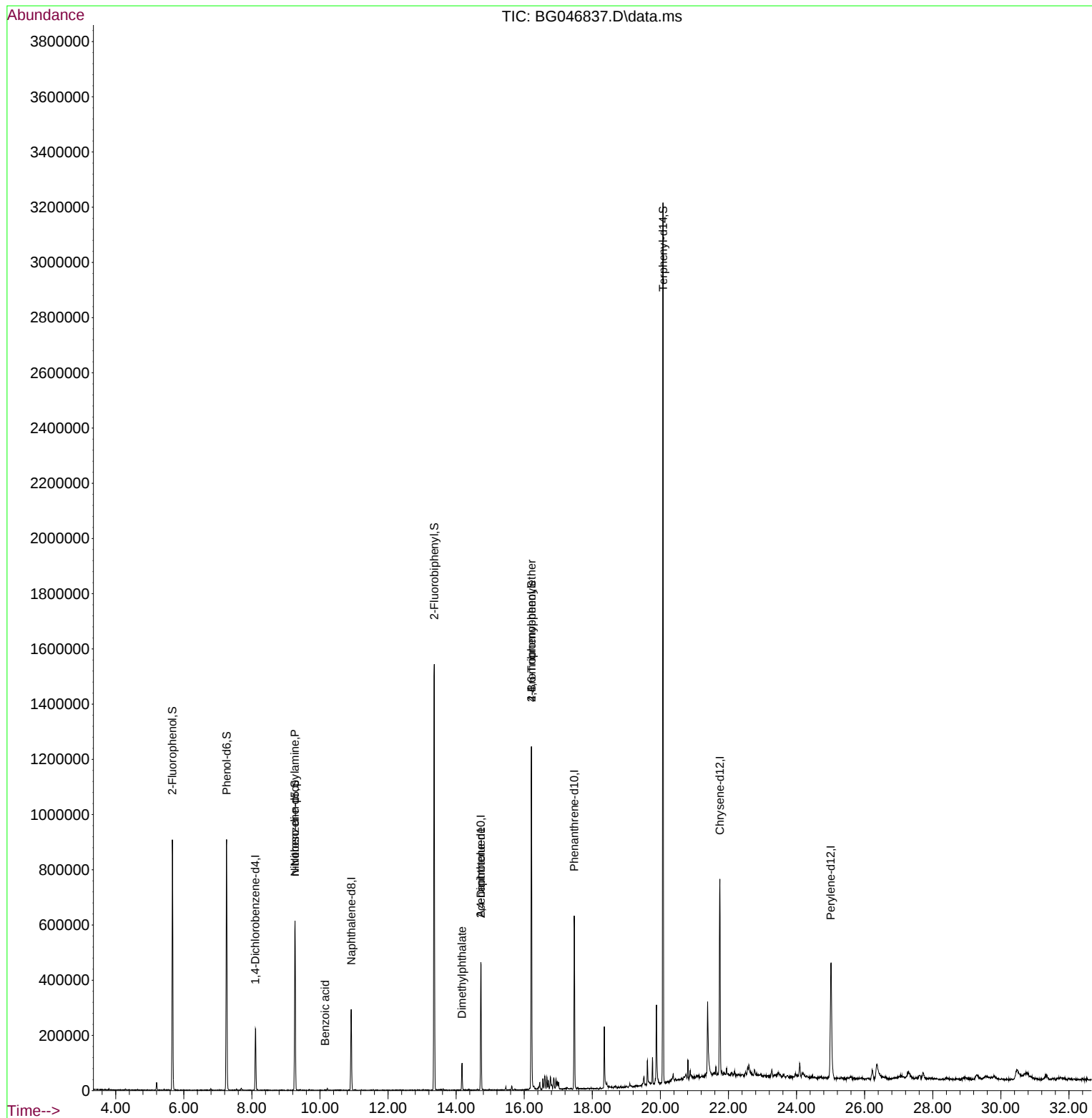
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.103	152	60927	20.00	ng	# 0.00
21) Naphthalene-d8	10.918	136	242451	20.00	ng	# 0.00
39) Acenaphthene-d10	14.725	164	163867	20.00	ng	-0.01
64) Phenanthrene-d10	17.469	188	396984	20.00	ng	#-0.01
76) Chrysene-d12	21.746	240	460124	20.00	ng	#-0.01
86) Perylene-d12	25.007	264	478291	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.665	112	379979	99.91	ng	0.00
7) Phenol-d6	7.257	99	499487	93.11	ng	0.00
23) Nitrobenzene-d5	9.267	82	360676	79.14	ng	0.00
42) 2,4,6-Tribromophenol	16.211	330	249639	115.54	ng	0.00
45) 2-Fluorobiphenyl	13.356	172	817304	70.61	ng	0.00
79) Terphenyl-d14	20.078	244	1446824	63.02	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	7.257	77	1468	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	9.267	70	51765	14.07	ng	# 77
32) Benzoic acid	10.148	122	127	6.39	ng	# 1
50) Dimethylphthalate	14.173	163	64074	4.90	ng	# 95
57) 2,4-Dinitrotoluene	14.725	165	21288	7.56	ng	# 32
67) 4-Bromophenyl-phenylether	16.211	248	17401	3.47	ng	# 1

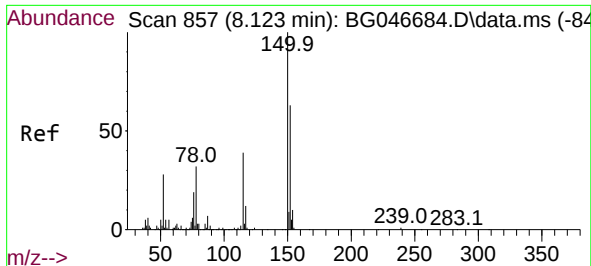
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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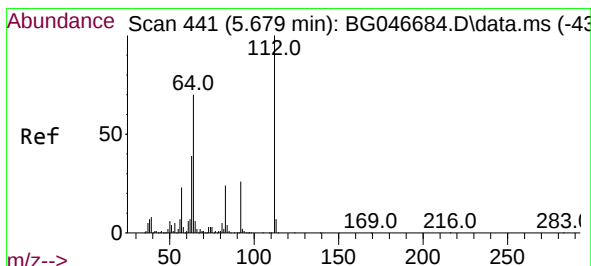
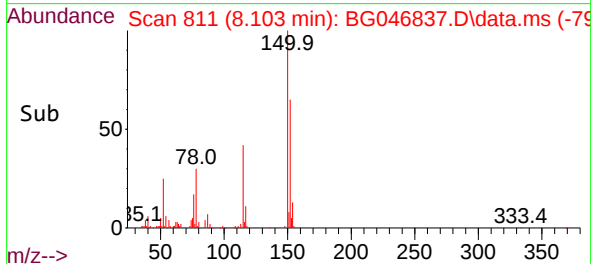
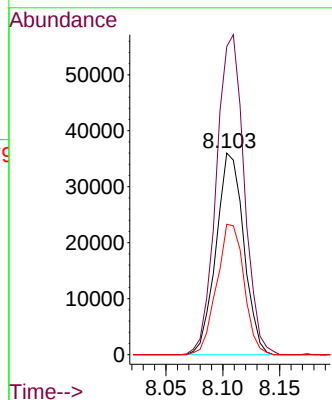
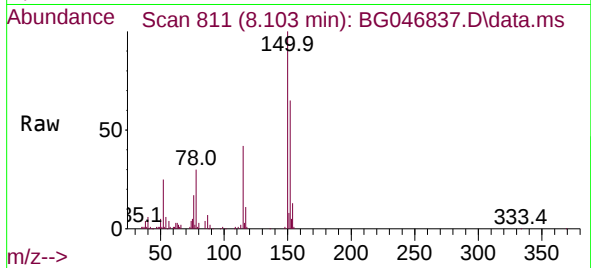




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.103 min Scan# 811
Delta R.T. -0.005 min
Lab File: BG046837.D
Acq: 9 Oct 2020 17:03

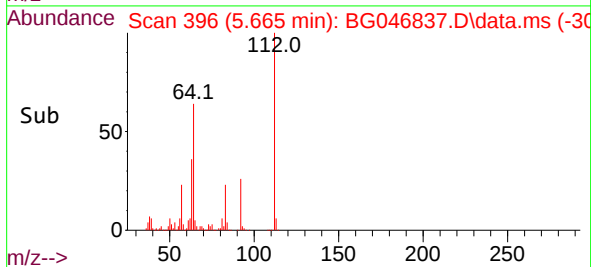
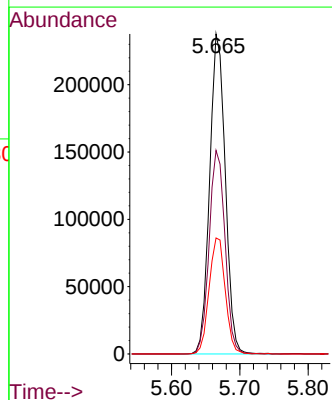
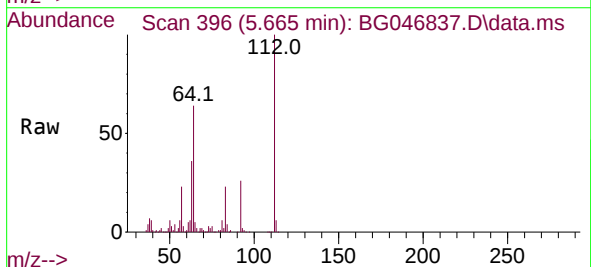
Instrument :
BNA_G
ClientSampleId :
IDW-20201006

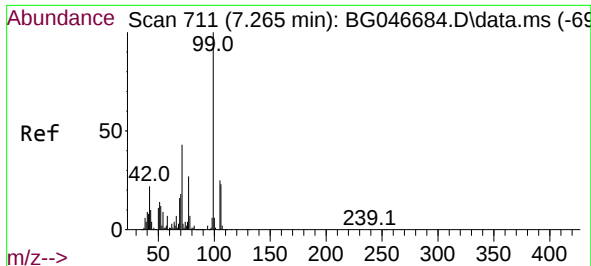
Tgt Ion:152 Resp: 60927
Ion Ratio Lower Upper
152 100
150 152.8 125.0 187.6
115 64.7 41.8 62.6#



#5
2-Fluorophenol
Concen: 99.91 ng
RT: 5.665 min Scan# 396
Delta R.T. -0.005 min
Lab File: BG046837.D
Acq: 9 Oct 2020 17:03

Tgt Ion:112 Resp: 379979
Ion Ratio Lower Upper
112 100
64 63.6 46.7 70.1
63 36.3 22.8 34.2#

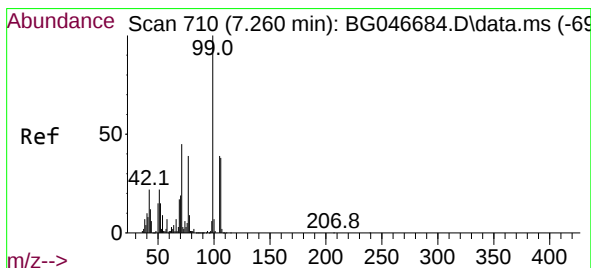
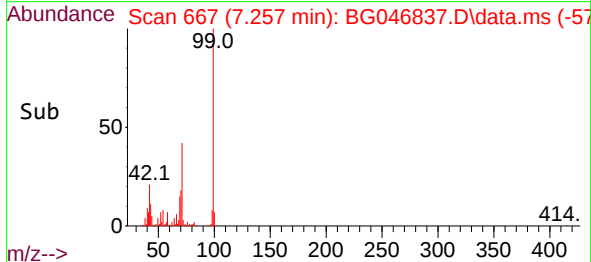
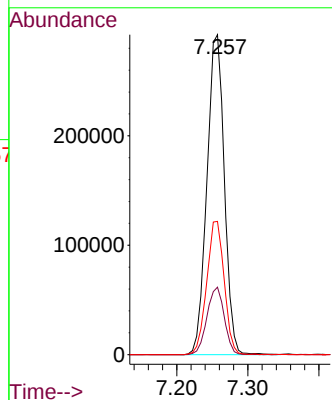
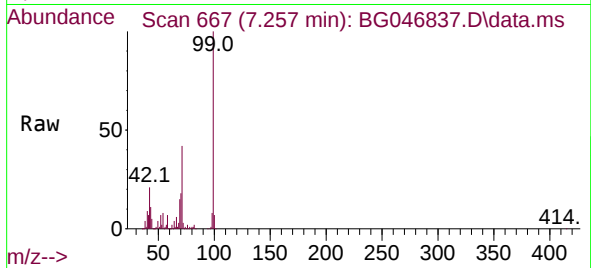




#7
Phenol-d6
Concen: 93.11 ng
RT: 7.257 min Scan# 667
Delta R.T. 0.001 min
Lab File: BG046837.D
Acq: 9 Oct 2020 17:03

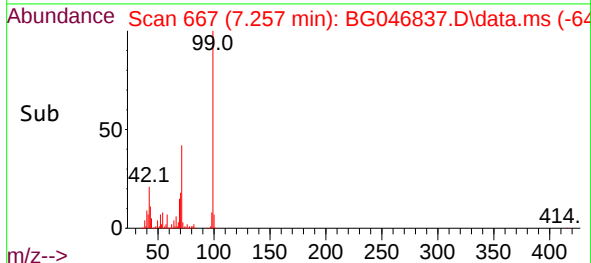
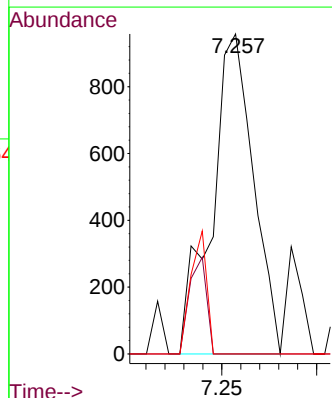
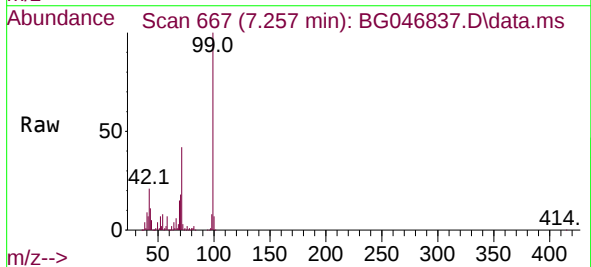
Instrument :
BNA_G
ClientSampleId :
IDW-20201006

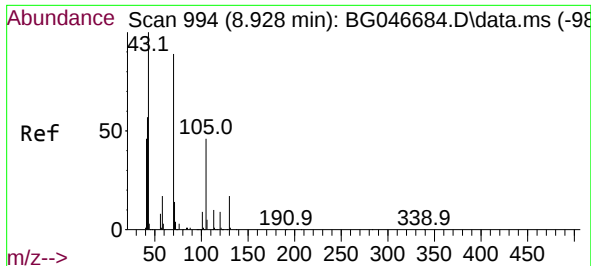
Tgt Ion: 99 Resp: 499487
Ion Ratio Lower Upper
99 100
42 21.1 12.8 19.2#
71 41.6 24.6 36.8#



#9
Benzaldehyde
Concen: Below Cal
RT: 7.257 min Scan# 667
Delta R.T. 0.013 min
Lab File: BG046837.D
Acq: 9 Oct 2020 17:03

Tgt Ion: 77 Resp: 1468
Ion Ratio Lower Upper
77 100
105 0.0 85.9 125.9#
106 0.0 80.9 120.9#

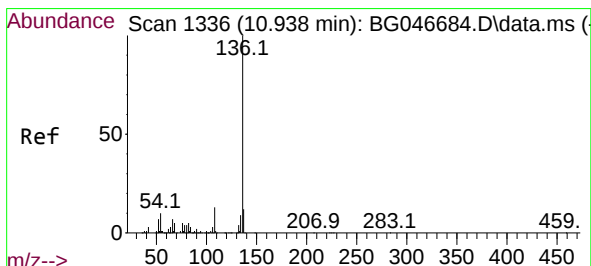
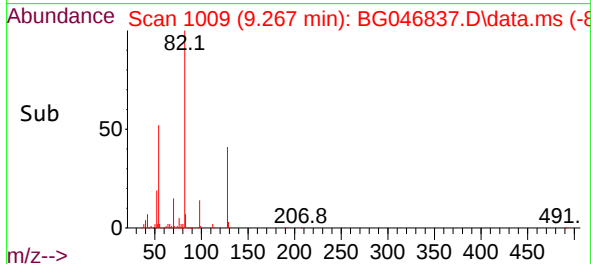
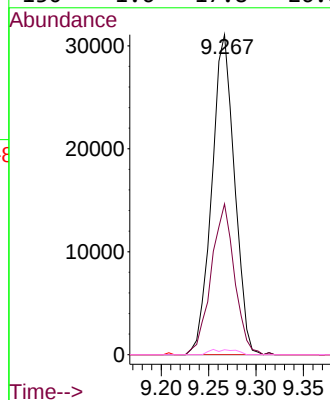
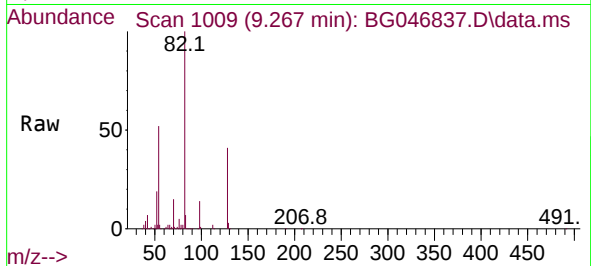




#19
n-Nitroso-di-n-propylamine
Concen: 14.07 ng
RT: 9.267 min Scan# 1009
Delta R.T. 0.354 min
Lab File: BG046837.D
Acq: 9 Oct 2020 17:03

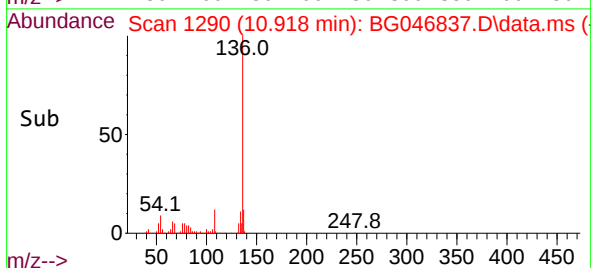
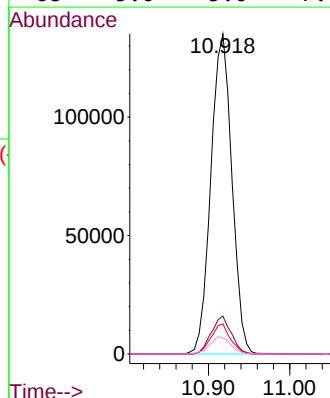
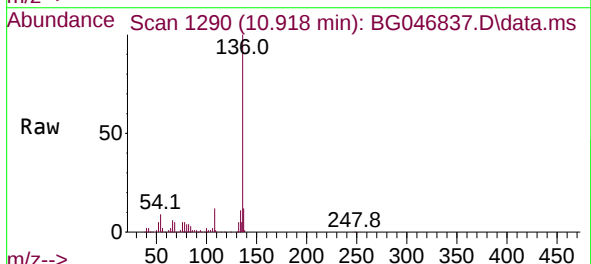
Instrument :
BNA_G
ClientSampleId :
IDW-20201006

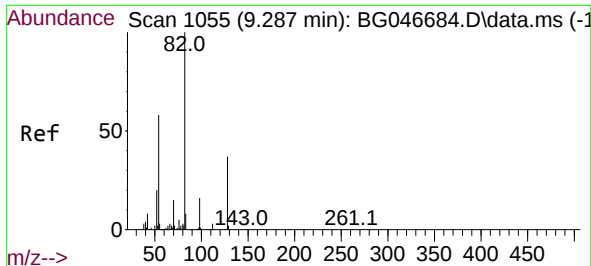
Tgt Ion: 70	Resp: 51765
Ion Ratio	Lower Upper
70 100	
42 47.1	45.6 68.4
101 0.0	8.4 12.6#
130 1.6	17.8 26.8#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.918 min Scan# 1290
Delta R.T. -0.005 min
Lab File: BG046837.D
Acq: 9 Oct 2020 17:03

Tgt Ion: 136	Resp: 242451
Ion Ratio	Lower Upper
136 100	
137 11.8	9.1 13.7
54 9.4	6.2 9.4#
68 5.0	5.0 7.4

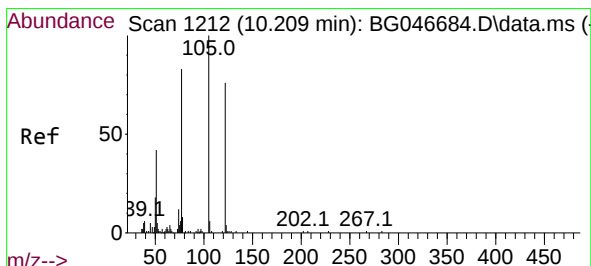
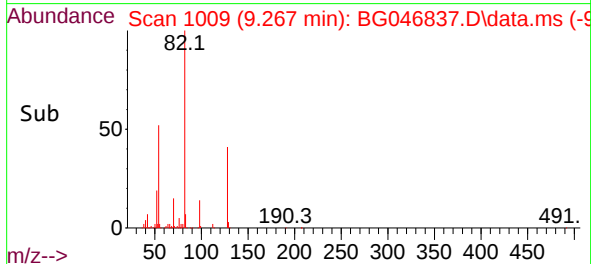
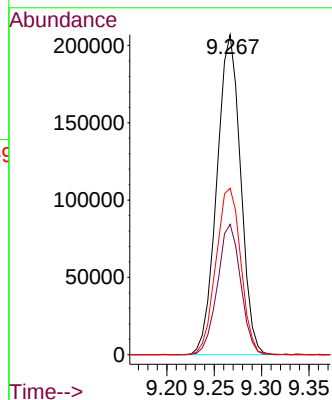
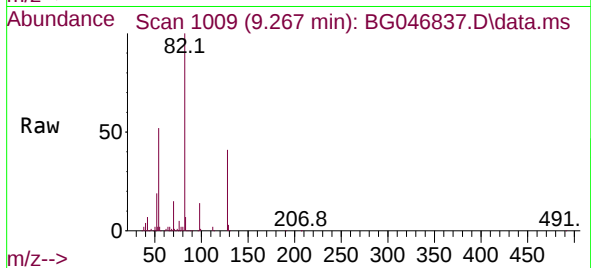




#23
Nitrobenzene-d5
Concen: 79.14 ng
RT: 9.267 min Scan# 1009
Delta R.T. -0.005 min
Lab File: BG046837.D
Acq: 9 Oct 2020 17:03

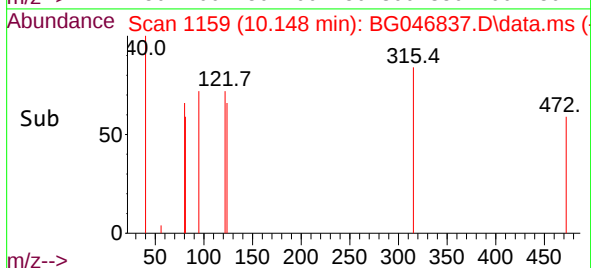
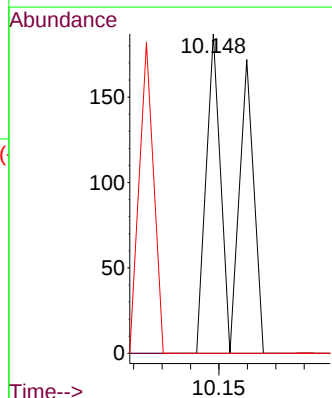
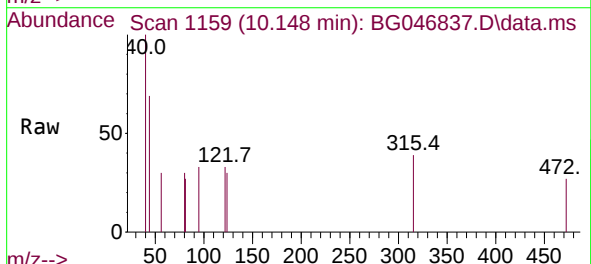
Instrument :
BNA_G
ClientSampleId :
IDW-20201006

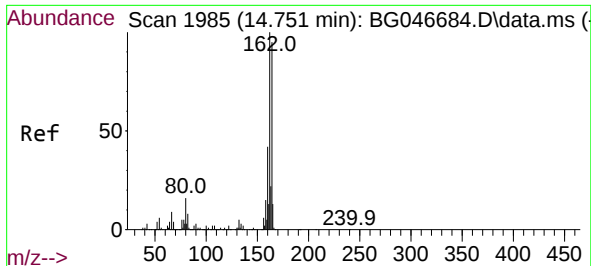
Tgt Ion: 82 Resp: 360676
Ion Ratio Lower Upper
82 100
128 40.8 37.0 55.6
54 52.0 39.0 58.4



#32
Benzoic acid
Concen: 6.39 ng
RT: 10.148 min Scan# 1159
Delta R.T. -0.046 min
Lab File: BG046837.D
Acq: 9 Oct 2020 17:03

Tgt Ion:122 Resp: 127
Ion Ratio Lower Upper
122 100
105 0.0 103.7 143.7#
77 0.0 63.0 103.0#

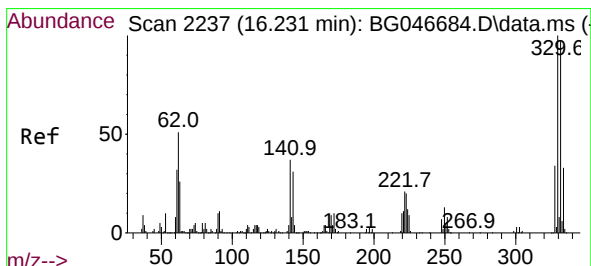
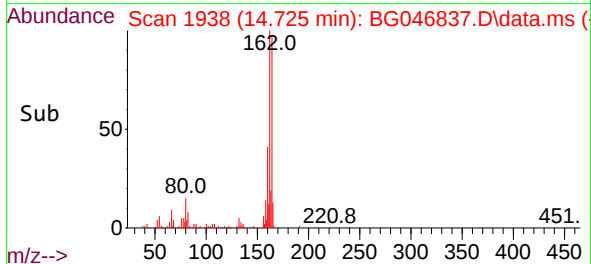
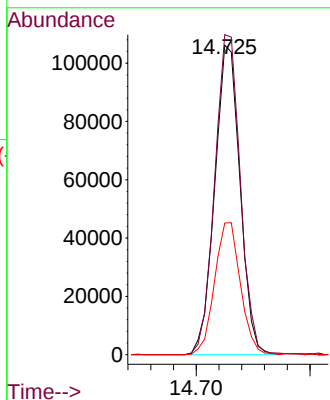
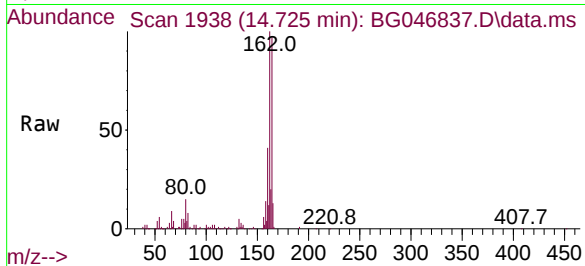




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.725 min Scan# 1938
Delta R.T. -0.010 min
Lab File: BG046837.D
Acq: 9 Oct 2020 17:03

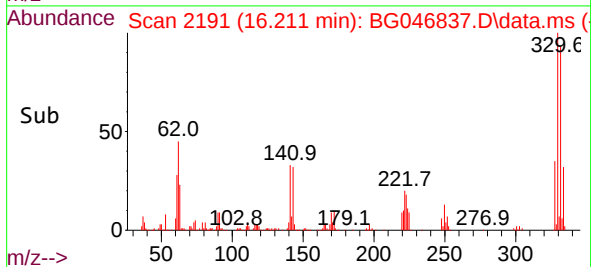
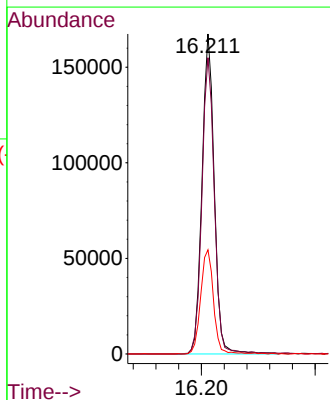
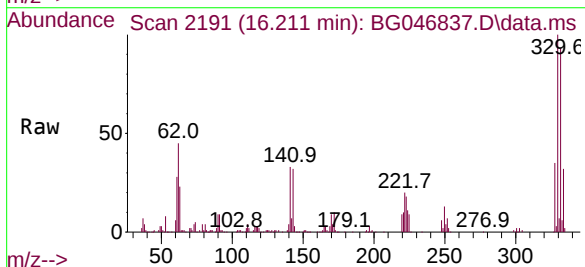
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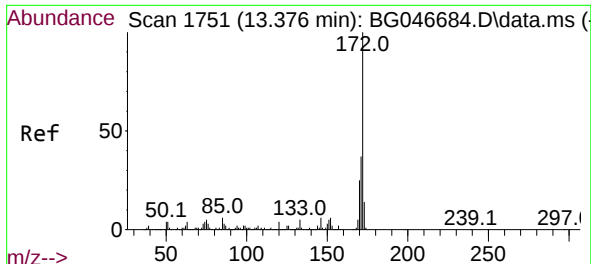
Tgt Ion:164 Resp: 163867
Ion Ratio Lower Upper
164 100
162 103.4 82.3 123.5
160 42.5 35.3 52.9



#42
2,4,6-Tribromophenol
Concen: 115.54 ng
RT: 16.211 min Scan# 2191
Delta R.T. -0.005 min
Lab File: BG046837.D
Acq: 9 Oct 2020 17:03

Tgt Ion:330 Resp: 249639
Ion Ratio Lower Upper
330 100
332 94.5 76.5 114.7
141 34.0 26.0 39.0

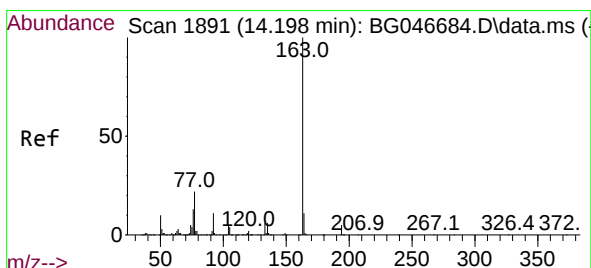
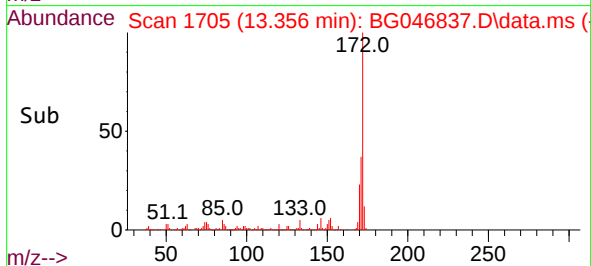
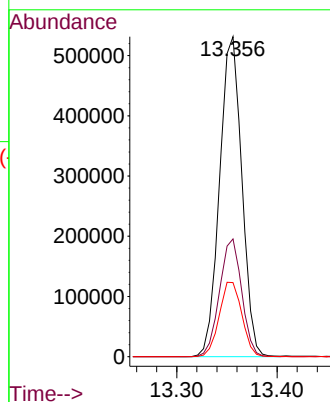
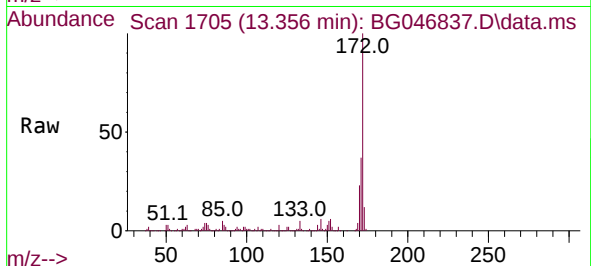




#45
2-Fluorobiphenyl
Concen: 70.61 ng
RT: 13.356 min Scan# 1705
Delta R.T. -0.004 min
Lab File: BG046837.D
Acq: 9 Oct 2020 17:03

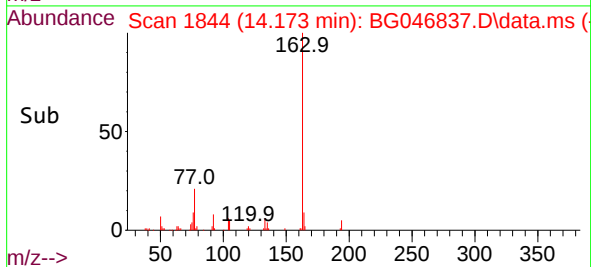
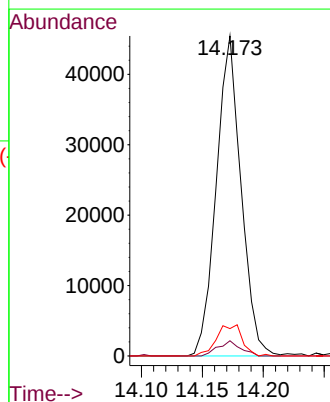
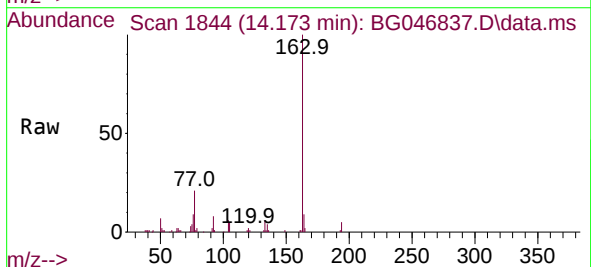
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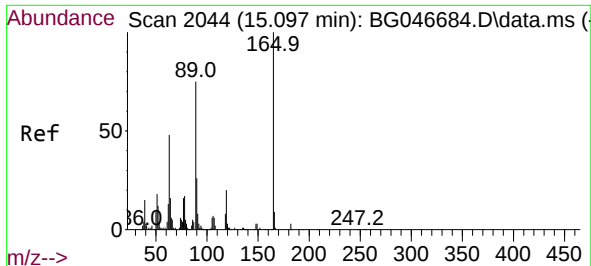
Tgt Ion:172 Resp: 817304
Ion Ratio Lower Upper
172 100
171 36.8 31.3 46.9
170 23.2 20.8 31.2



#50
Dimethylphthalate
Concen: 4.90 ng
RT: 14.173 min Scan# 1844
Delta R.T. -0.010 min
Lab File: BG046837.D
Acq: 9 Oct 2020 17:03

Tgt Ion:163 Resp: 64074
Ion Ratio Lower Upper
163 100
194 4.8 3.8 5.8
164 8.5 8.8 13.2#

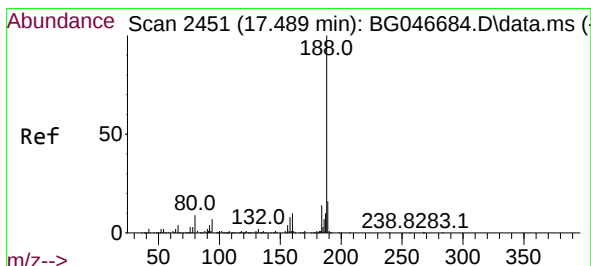
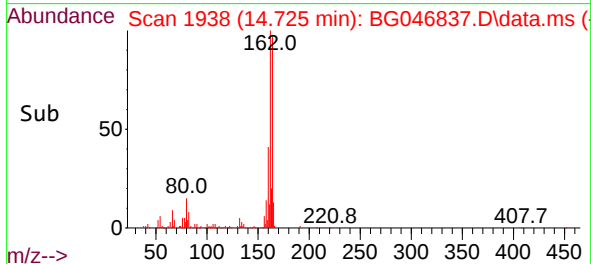
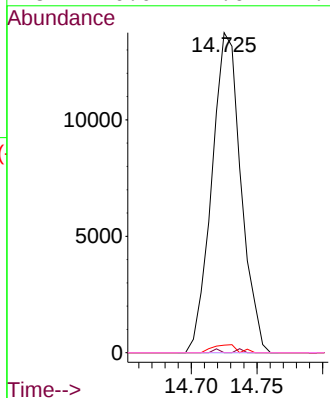
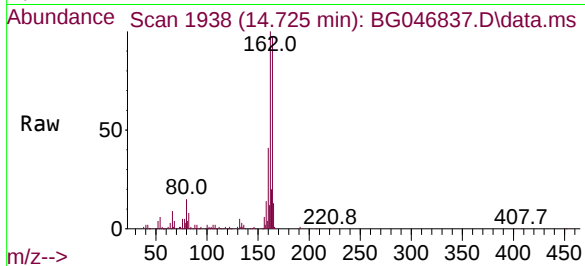




#57
2,4-Dinitrotoluene
Concen: 7.56 ng
RT: 14.725 min Scan# 1938
Delta R.T. -0.357 min
Lab File: BG046837.D
Acq: 9 Oct 2020 17:03

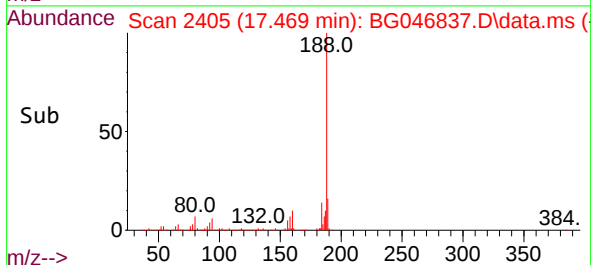
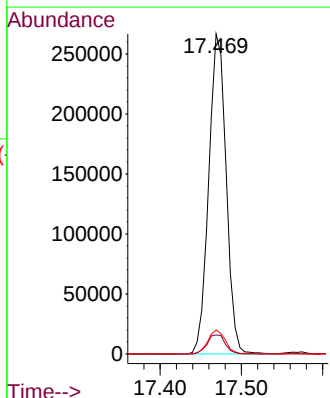
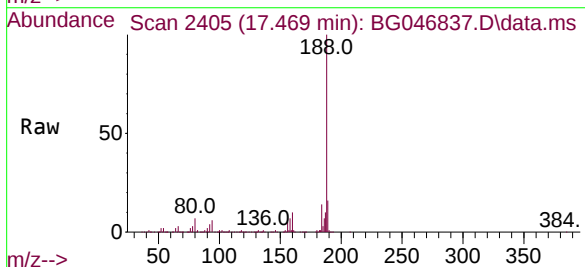
Instrument :
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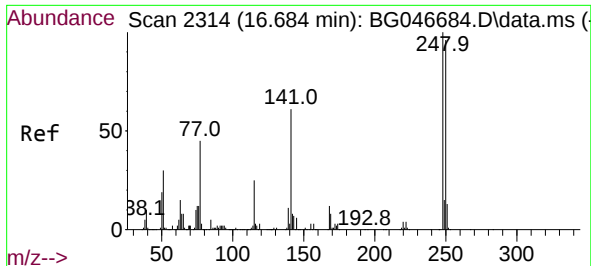
Tgt Ion:165 Resp: 21288
Ion Ratio Lower Upper
165 100
63 0.0 26.4 39.6#
89 2.4 47.8 71.8#
182 0.0 2.6 4.0#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.469 min Scan# 2405
Delta R.T. -0.010 min
Lab File: BG046837.D
Acq: 9 Oct 2020 17:03

Tgt Ion:188 Resp: 396984
Ion Ratio Lower Upper
188 100
94 6.0 6.3 9.5#
80 7.4 7.0 10.6

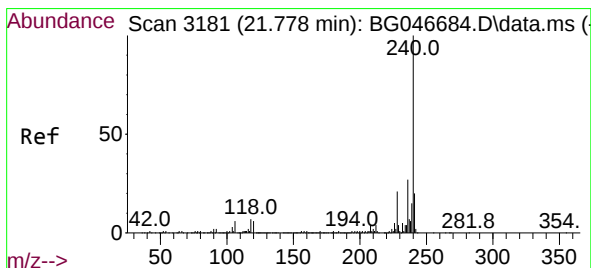
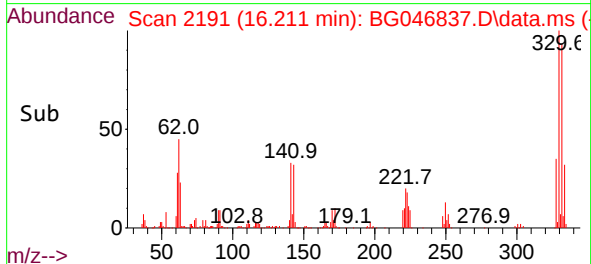
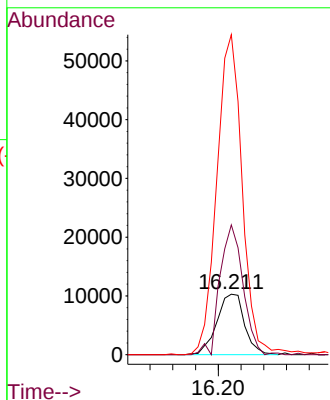
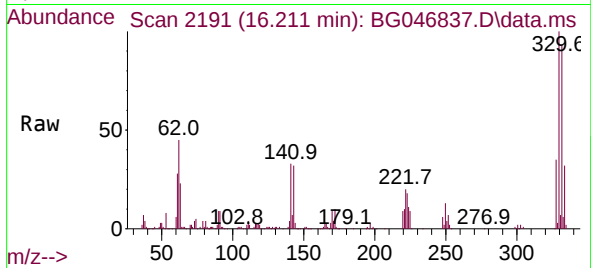




#67
4-Bromophenyl-phenylether
Concen: 3.47 ng
RT: 16.211 min Scan# 2191
Delta R.T. -0.451 min
Lab File: BG046837.D
Acq: 9 Oct 2020 17:03

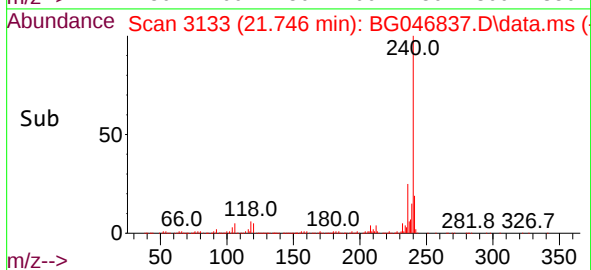
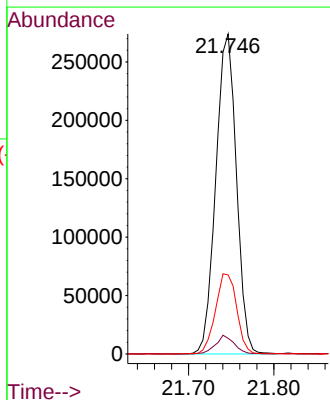
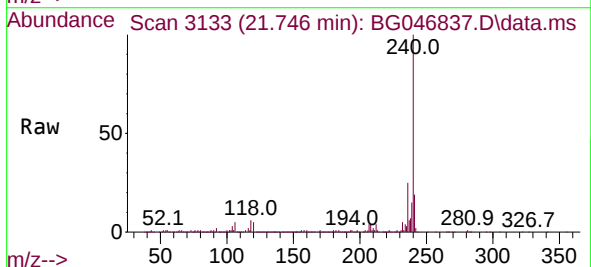
Instrument :
BNA_G
ClientSampleId :
IDW-20201006

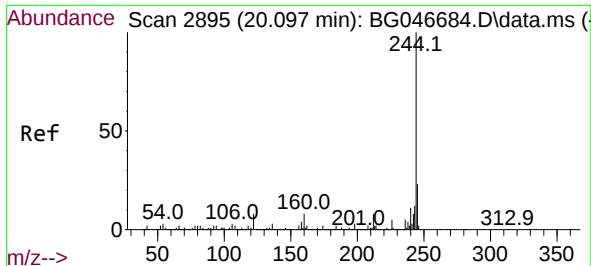
Tgt Ion:248 Resp: 17401
Ion Ratio Lower Upper
248 100
250 206.1 78.9 118.3#
141 392.4 46.2 69.4#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.746 min Scan# 3133
Delta R.T. -0.010 min
Lab File: BG046837.D
Acq: 9 Oct 2020 17:03

Tgt Ion:240 Resp: 460124
Ion Ratio Lower Upper
240 100
120 4.9 6.2 9.4#
236 24.7 20.5 30.7

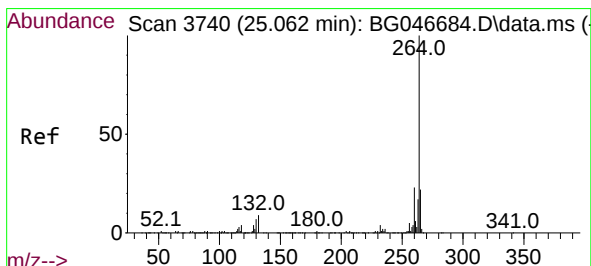
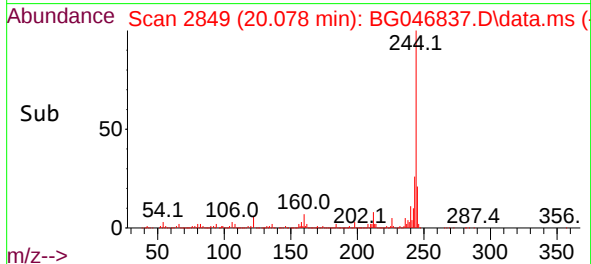
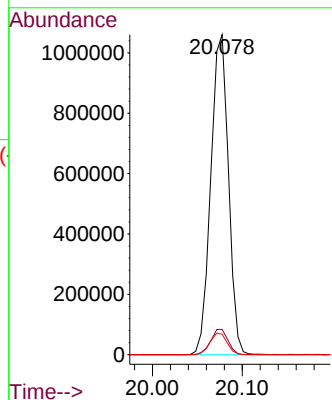
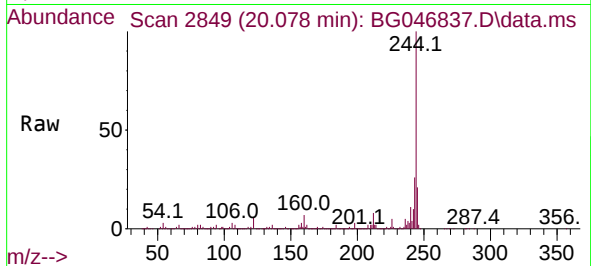




#79
Terphenyl-d14
Concen: 63.02 ng
RT: 20.078 min Scan# 2849
Delta R.T. -0.004 min
Lab File: BG046837.D
Acq: 9 Oct 2020 17:03

Instrument :
BNA_G
ClientSampleId :
IDW-20201006

Tgt Ion:244 Resp: 1446824
Ion Ratio Lower Upper
244 100
212 7.9 6.7 10.1
122 6.4 7.8 11.6#



#86
Perylene-d12
Concen: 20.00 ng
RT: 25.007 min Scan# 3688
Delta R.T. -0.022 min
Lab File: BG046837.D
Acq: 9 Oct 2020 17:03

Tgt Ion:264 Resp: 478291
Ion Ratio Lower Upper
264 100
260 22.8 18.8 28.2
265 22.5 17.8 26.8

